

# **SAR Test Report**

Report No.: AGC09377170501EH01

PRODUCT DESIGNATION : Tablet PC

BRAND NAME : Vonino

MODEL NAME : Pluri B7

**CLIENT**: Vonino Electronics (HK) Limited

**DATE OF ISSUE**: May 12,2017

STANDARD(S) EN 50360:2001+A1:2012; EN 62209-1: 2006; IEC 62209-1: 2005;

EN 62209-2:2010; IEC 62209-2:2010; EN 50566:2013;

REPORT VERSION : V1.0

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#### **Report Revise Record**

Report Version	Revise Time	Issued Date	Valid Version	Notes
70	No. of the little was a second	T.E.M.	C .C	Extension Report (Extension based on the Report No.:
V1.0	GC / GC	May 12,2017	Valid	AGC06327160803EH01  Modify the brand name,
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	Test Report Certification						
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Manufacturer Name	Vonino Electronics (HK) Limited						
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Product Designation	Tablet PC						
Brand Name	Vonino						
Model Name	Pluri B7						
Different Description	N/A						
EUT Voltage	DC3.7V by battery						
Applicable Standard	EN 50360:2001+A1:2012; EN 62209-1: 2006; IEC 62209-1: 2005; EN 62209-2:2010; IEC 62209-2:2010; EN 50566:2013;						
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#### 1. SUMMARY OF MAXIMUM SAR VALUE

The maximum results of Specific Absorption Rate (SAR) found during testing for EUT are as follows:

	Highest Re	SAR Test Limit		
Frequency Band	Head	Body-worn(with 0mm separation)	(W/Kg)	
GSM 900	0.243	0.453	20°	
DCS 1800	0.242	0.547	10	
WCDMA Band I	0.184	1.293		
WCDMA Band VIII	0.060	0.429	2.0	
WIFI 2.4G	0.246	0.402	- Francisco	
Simultaneous Reported SAR	- C	1.676	S. S. S.	
SAR Test Result		PASS	1000000	

This device is compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (2.0W/Kg).

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### 2. GENERAL INFORMATION

### 2.1. EUT Description

General Information							
Product Designation	Tablet PC						
Test Model	Pluri B7						
Hardware Version	S706C-7731-D2(216)V1.0						
Software Version	vonino_v1.4.0_20170503						
Device Category	Portable						
RF Exposure Environment	Uncontrolled						
Antenna Type	Internal						
GSM and GPRS							
Support Band	☑GSM 850 ☑GSM 900 ☑DCS 1800 ☑PCS 1900						
GPRS Type	Class B						
GPRS Class	Class 12(1Tx+4Rx, 2Tx+3Rx, 3Tx+2Rx, 4Tx+1Rx)						
TX Frequency Range	GSM900:880-915MHz ; DCS1800:1710-1785MHz						
RX Frequency Range	GSM900:925-960MHz ; DCS1800:1805-1880MHz						
Release Version	R99						
Type of modulation	GMSK for GSM/GPRS						
Antenna Gain	GSM900:-0.1dBi; DCS: 0.1dBi						
Max. Average Power	GSM900:31.38dBm;DCS1800:28.41dBm						
Bluetooth	CC C						
Bluetooth Version	□V2.0         □V2.1         □V2.1+EDR         □V3.0         □V3.0+HS         □V4.0         □V4.1						
Operation Frequency	2402~2480MHz						
Type of modulation	⊠GFSK ⊠∏/4-DQPSK ⊠8-DPSK						
EIRP	3.76dBm						
Antenna Gain	0.6dBi						

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**EUT Description( Continue)** 

WCDMA	See						
Support Band	☑UMTS FDD Band I ☑UMTS FDD Band VIII ☐UMTS FDD Band II ☐UMTS FDD Band V						
HS Type	HSPA(HSUPA/HSDPA)						
TX Frequency Range	FDD Band I : 1920-1980MHz; FDD Band VIII : 880-915MHz						
RX Frequency Range	FDD Band I : 2110-2170MHz; FDD Band VIII : 925-960MHz						
Release Version	Rel-6						
Type of modulation	HSDPA:QPSK/16QAM; HSUPA:BPSK; WCDMA:QPSK						
Antenna Gain	Band I: 0.1dBi, FDD Band VIII: -0.9dBi						
Max. Average Power	Band I:23.49dBm; Band VIII:23.38dBm						
WIFI							
WIFI Specification	□802.11a ⊠802.11b ⊠802.11g ⊠802.11n(20) □802.11n(40)						
Operation Frequency	2412~2472MHz						
EIRP	11b:14.33dBm,11g:12.42dBm,11n(20):12.38dBm						
Antenna Gain	0.6dBi						
Li-ion Battery	GO DE LE						
Brand Name	KONROW						
Model Name	387095						
Manufacturer Name	Shenzhen Shirui Battery Co., Ltd.						
Manufacturer Address	No.25, Shuiwei Road, Xinweizi, Xinmu Village, Pinghu, Longgang Shenzhen, P. R. China						
Capacitance	3200mAh						
Rated Voltage/ Charging Voltage	DC3.7V/ DC4.2V						

Note: The sample used for testing is end product.

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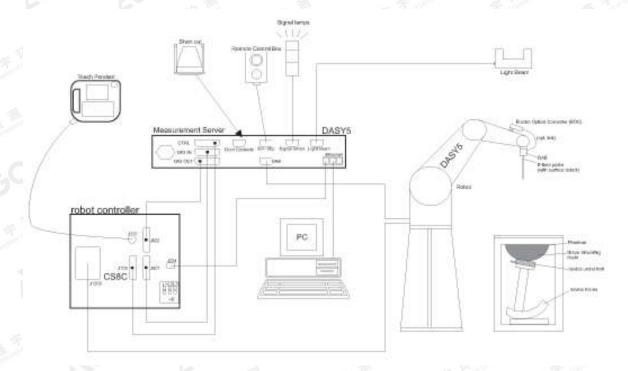
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#### 3. SAR MEASUREMENT SYSTEM

#### 3.1. The DASY5 system used for performing compliance tests consists of following items



- A standard high precision 6-axis robot with controller, teach pendant and software.
- Data acquisition electronics (DAE) which attached to the robot arm extension. The DAE consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock
- A dosimetric probe equipped with an optical surface detector system.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital Communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- A Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running WinXP and the DASY5 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- Phantoms, device holders and other accessories according to the targeted measurement.

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#### 3.2. DASY5 E-Field Probe

The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. SPEAG conducts the probe calibration in compliance with international and national standards (e.g. EN62209, EN/IEC 62209, etc.)Under ISO17025.The calibration data are in Appendix D.

#### Isotropic E-Field Probe Specification

Model	ES3DV3	The Williams	<b>5</b>	The state of the s
Manufacture	SPEAG	A COOM	-G	60
frequency	0.15GHz-3 GHz Linearity:±0.2dB(150MHz-3 GHz)			
Dynamic Range	0.01W/Kg-100W/Kg Linearity:±0.2dB			
	Overall length:337mm			C
Dimensions	Tip diameter:4mm Typical distance from probe tip to dipole centers:2mm			
Application	High precision dosimetric measurements in a (e.g., very strong gradient fields). Only probe compliance testing for frequencies up to 3 GF 30%.	which enables		C. C.

#### 3.3. Data Acquisition Electronics description

The data acquisition electronics (DAE) consist if a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement sever is accomplished through an optical downlink fir data and status information, as well as an optical uplink for commands and the clock.

The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection.

#### DAF4

200MOhm	The Later of the L	GROUPS .
Symmetrical and floating	000 do	100 Dot BM
above 80 dB		DAG BANKE WAREN
	Symmetrical and floating	Symmetrical and floating

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#### 3.4. Robot

The DASY system uses the high precision robots (DASY5:TX60) type from Stäubli SA (France). For the 6-axis controller system, the robot controller version from is used.

The XL robot series have many features that are important for our application:

- ☐ High precision (repeatability 0.02 mm)
- ☐ High reliability (industrial design)
- ☐ Jerk-free straight movements
- □ Low ELF interference (the closed metallic construction shields against motor control fields)
- □ 6-axis controller



#### 3.5. Light Beam Unit

The light beam switch allows automatic "tooling" of the probe. During the process, the actual position of the probe tip with respect to the robot arm is measured, as well as the probe length and the horizontal probe offset. The software then corrects all movements, such that the robot coordinates are valid for the probe tip.

The repeatability of this process is better than 0.1 mm. If a position has been taught with an aligned prob.1 mm, even if the other probe has different dimensions. During probe rotations, the probe tip will keep its actual position. e, the same position will be reached with another aligned probe within 0



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#### 3.6. Device Holder

The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles. The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity  $\epsilon{=}3$  and loss tangent  $\delta=0.02.$  The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.



#### 3.7. Measurement Server

The measurement server is based on a PC/104 CPU board with CPU (DASY5: 400 MHz, Intel Celeron), chip-disk (DASY5: 128MB), RAM (DASY5: 128MB). The necessary circuits for communication with the DAE electronic box, as well as the 16 bit AD converter system for optical detection and digital I/O interface are contained on the DAYS I/O board, which is directly connected to the PC/104 bus of the CPU board.

The measurement server performs all the real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operations.



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## 3.8. PHANTOM SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:

Left head

☐ Right head

☐ Flat phantom



The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

#### **ELI4 Phantom**

☐ Flat phantom a fiberglass shell flat phantom with 2mm+/- 0.2 mm shell thickness. It has only one measurement area for Flat phantom



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#### 4. SAR MEASUREMENT PROCEDURE

#### 4.1. Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and occupational/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of given mass density ( $\rho$ ). The equation description is as below:

$$SAR = \frac{d}{dt} \left( \frac{dW}{dm} \right) = \frac{d}{dt} \left( \frac{dW}{\rho dV} \right)$$

SAR is expressed in units of Watts per kilogram (W/Kg) SAR can be obtained using either of the following equations:

$$SAR = \frac{\sigma E^2}{\rho}$$

$$SAR = c_h \frac{dT}{dt}$$

Where

SAR is the specific absorption rate in watts per kilogram;
E is the r.m.s. value of the electric field strength in the tissue in volts per meter;
σ is the conductivity of the tissue in siemens per metre;
ρ is the density of the tissue in kilograms per cubic metre;
ch is the heat capacity of the tissue in joules per kilogram and Kelvin;

 $\frac{dT}{dt}$  | t=0 is the initial time derivative of temperature in the tissue in kelvins per second

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#### 4.2. SAR Measurement Procedure

#### Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurement are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface is 2.7mm This distance cannot be smaller than the distance os sensor calibration points to probe tip as `defined in the probe properties,

#### Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in db) is specified in the standards for compliance testing. For example, a 2db range is required in EN 50360 and EN/IEC62209 standards, whereby 3db is a requirement when compliance is assessed in accordance with the ARIB standard (Japan) If one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximum are detected, the number of Zoom Scan has to be increased accordingly.

measure the SAR distribution within the phantom (area scan procedure). The SAR distribution is scanned along the inside surface of one side of the phantom head, at least for an area larger than the projection of the handset and antenna. The spatial grid step shall be less than 20 mm. The resolution accuracy can also be tested using the reference functions of 7.2.4. If surface scanning is used, then the distance between the geometrical centre of the probe dipoles and the inner surface of the phantom shall be 8,0 mm or less (±1,0 mm). At all measurement points, the angle of the probe with respect to the line normal to the surface is recommended but not required to be less than 30°.

#### Step 3: Zoom Scan

Zoom Scan are used to assess the peak spatial SAR value within a cubic average volume containing 1g and 10g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1g and 10g and displays these values next to the job's label.

measure SAR with a grid step of 8 mm or less in a volume with a minimum size of 30 mm by 30 mm and 30 mm in depth (zoom scan procedure). The grid step in the vertical direction shall be 5 mm or less (see C.3.3). Separate grids shall be centred on each of the local SAR maxima found in step c).

#### Step 4: Power Drift Measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the same settings. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

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#### 5. TISSUE SIMULATING LIQUID

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15cm. For head SAR testing the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15cm For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5% are listed in 5.2.

5.1. The composition of the tissue simulating liquid

Ingredient (% Weight) Frequency (MHz)	Water	Nacl	Sugar	HEC	Bactericide	DGBE	1,2- Propanediol	Triton X-100
900	34.4	0.79	0.0	0.0	0.0	0.0	64.81	0.0
1800	55.36	0.35	0.0	0.0	0.0	13.84	0.0	30.45
2000	50	0.0	0.0	0.0	0.0	50	0.0	0.0
2450	71.88	0.16	0.0	0.0	0.0	7.99	0.0	19.97

#### 5.2. Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the EN/IEC 62209-1 have been incorporated in the following table. The body tissue dielectric parameters recommended by the EN/IEC 62209-2 have been incorporated in the following table.

Target Frequency	ŀ	nead	body		
(MHz)	εr	σ (S/m)	εr	σ (S/m)	
300	45.3	0.87	45.3	0.87	
450	43.5	0.87	43.5	0.87	
835	41.5	0.90	41.5	0.90	
900	41.5	0.97	41.5	0.97	
1450	40.5	1.20	40.5	1.20	
1800 – 2000	40.0	1.40	40.0	1.40	
2450	39.2	1.80	39.2	1.80	
3000	38.5	2.40	38.5	2.40	

( $\epsilon r = relative permittivity$ ,  $\sigma = conductivity$  and  $\rho = 1000 \text{ kg/m3}$ )

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#### 5.3. Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using DASY5

Dielectric Probe Kit and R&S Network Analyzer ZVL6.

Frequency	Target Value		Measurement Value		Tissue Temp	Test Date	
(MHz)	εr	δ[s/m]	٤r	δ[s/m]	[°C]	Test Date	
900	41.50 39.425-43.575	0.97 0.9225-1.0185	41.28	0.94	21.9	Aug. 11,2016	
1800	40.00 38.00-42.00	1.40 1.33-1.47	40.23	1.41	21.1	Aug. 12,2016	
2000	40.00 38.00-42.00	1.40 1.33-1.47	39.61	1.39	20.6	Aug. 10,2016	
2450	39.2 37.24-41.16	1.80 1.71-1.89	40.02	1.81	21.9	Aug. 13,2016	

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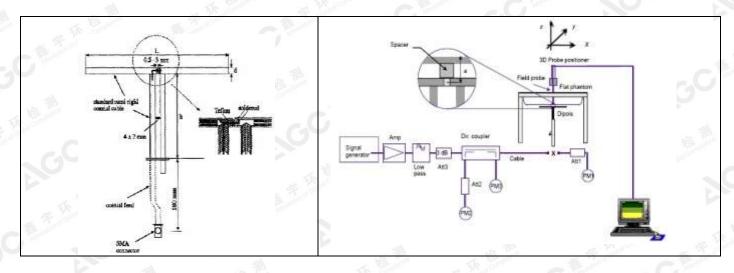
#### 6. SAR SYSTEM CHECK PROCEDURE

#### 6.1. SAR System Check Procedures

SAR system check is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The same SAR probe(s) and tissue-equivalent media combinations used with each specific SAR system for system verification must be used for device testing. When multiple probe calibration points are required to cover substantially large transmission bands, independent system verifications are required for each probe calibration point. A system verification must be performed before each series of SAR measurements using the same probe calibration point and tissue-equivalent medium. Additional system verification should be considered according to the conditions of the tissue-equivalent medium and measured tissue dielectric parameters, typically every three to four days when the liquid parameters are remeasured or sooner when marginal liquid parameters are used at the beginning of a series of measurements.

Each DASY system is equipped with one or more system check kits. These units, together with the predefined measurement procedures within the DASY software, enable the user to conduct the system check and system validation. System kit includes a dipole, and dipole device holder.

The system check verifies that the system operates within its specifications. It's performed daily or before every SAR measurement. The system check uses normal SAR measurement in the flat section of the phantom with a matched dipole at a specified distance. The system check setup is shown as below.

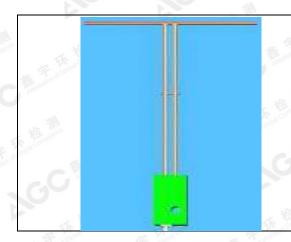


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## 6.2. SAR System Check 6.2.1. Dipoles



The dipoles used is based on the EN/IEC62209-1/2 standard, the table below provides details for the mechanical and electrical

Specifications for the dipoles.



The dipoles used is based on the EN/IEC62209-1/2 standard, the table below provides details for the mechanical and electrical

Specifications for the dipoles.

Frequency	L (mm)	h (mm)	d (mm)
900 MHz	149.0	83.3	3.6
1800MHz	72	41.7	3.6
2000 MHz	64.5	37.5	3.6
2450MHz	51.5	30.4	3.6

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#### 6.2.2. System Check Result

Validation I	Kit: SN 46	6/11DIP 00	t 900 MHz &180 3900-185 & SN 4 50V2-SN:968			Hz		
Frequency		rget (W/Kg)		ce Result 0%)		alized (W/Kg)	Tissue Temp.	Test time
[MHz]	1g	10g	1g	10g	1g	10g	[°C]	ditte
900	10.70	6.72	9.63-11.77	6.048-7.392	10.761	6.974	21.9	Aug. 11,2016
1800	38.17	19.98	34.353-41.987	17.982-21.978	38.671	20.445	21.1	Aug. 12,2016
2000	42.10	20.52	37.89-46.31	18.468-22.572	40.732	20.604	20.6	Aug. 10,2016
2450	53.8	25.4	48.42-59.18	22.86-27.94	56.898	25.517	21.9	Aug. 13,2016

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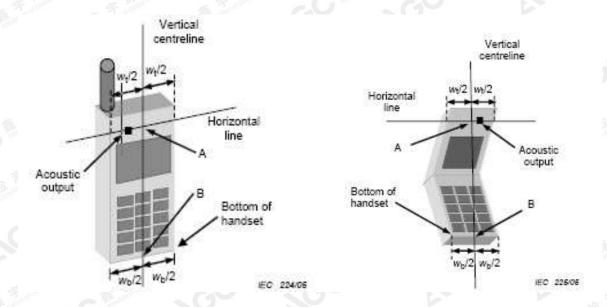
#### 7. EUT TEST POSITION

According to EN 62209-1 Section 6.1.4. The EUT is tested in Right Cheek, Right Tilted, Left Cheek, Left Tilted.

According to EN 62209-2 Section 6.1.4.6.The EUT is tested in Body back, Body front and 4 edges.

#### 7.1. Define Two Imaginary Lines on the Handset

- (1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width wt of the handset at the level of the acoustic output, and the midpoint of the width wb of the handset.
- (2) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



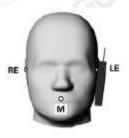
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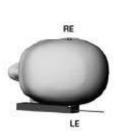
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#### 7.2. Cheek Position

- (1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center picec in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- (2) To move the device towards the phantom with the ear piece aligned with the the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost

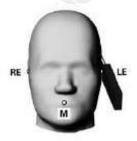




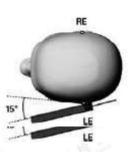


#### 7.3. Tilt Position

- (1) To position the device in the "cheek" position described above.
- (2) While maintaining the device in the reference plane described above and pivoting against the ear, move outward away from the mouth by an angle of 15 degrees or until with the ear is lost.







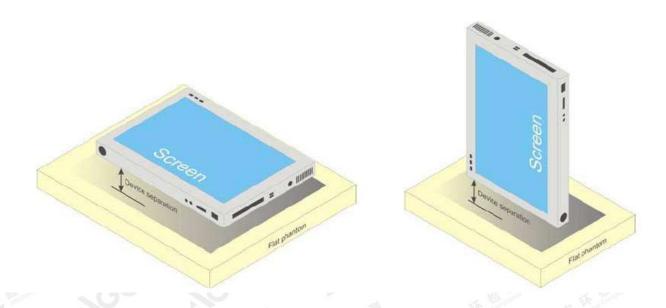
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#### 7.4. Body Worn Position

- (1) To position the EUT parallel to the phantom surface.
- (2) To adjust the EUT parallel to the flat phantom.
- (3) To adjust the distance between the EUT surface and the flat phantom to 0mm.



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#### 8. SAR EXPOSURE LIMITS

SAR assessments have been made in line with the requirements of 1999/519/EC of 12 July 1999 on the limitation of exposure of the general public electromagnetic fields (0 Hz-300GHz).

Limits for General Population/Uncontrolled Exposure (W/kg)

Type Exposure	Uncontrolled Environment Limit (W/kg)
Spatial Peak SAR (10 g cube tissue for brain or body)	2.00
Spatial Average SAR (Whole body)	0.08
Spatial Peak SAR (Limbs)	4.00

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### 9. TEST EQUIPMENT LIST

Equipment description	Manufacturer/ Model	Identification No.	Current calibration date	Next calibration date
Stäubli Robot	Stäubli-TX60	F13/5Q2UD1/A/01	N/A	N/A
Robot Controller	Stäubli-CS8	139522	N/A	N/A
TISSUE Probe	SATIMO	SN 45/11 OCPG45	12/02/2015	12/01/2016
E-Field Probe	Speag- ES3DV3	SN:3337	10/01/2015	09/30/2016
SAM Twin Phantom	Speag-SAM	1790	N/A	N/A
Device Holder	Speag-SD 000 H01 KA	SD 000 H01 KA	N/A	N/A
DAE4	Speag-SD 000 D04 BM	1398	02/02/2016	02/01/2017
SAR Software	Speag-DASY5	DASY52.8	N/A	N/A
Liquid	SATIMO	10	N/A	N/A
Radio Communication Tester	R&S-CMU200	069Y7-158-13-712	02/29/2016	02/28/2017
Dipole	SATIMO SID900	SN46/11 DIP 0G900-185	11/14/2013	11/13/2016
Dipole	SATIMO SID1800	SN46/11 DIP 1G800-186	11/14/2013	11/13/2016
Dipole	SATIMO SID2000	SN46/11 DIP 2G000-188	11/14/2013	11/13/2016
Dipole	D2450V2	SN968	06/12/2015	06/11/2018
Signal Generator	Agilent-E4438C	US41461365	02/29/2016	02/28/2017
Vector Analyzer	Agilent / E4440A	US40420298	07/02/2016	07/01/2017
Network Analyzer	Rhode & Schwarz ZVL6	SN100132	03/01/2016	02/28/2017
Attenuator	Warison /WATT-6SR1211	N/A	N/A	N/A
Attenuator	Mini-circuits / VAT-10+	N/A	N/A	N/A
Amplifier	EM30180	SN060552	03/04/2016	03/03/2017
Directional Couple	Werlatone/ C5571-10	SN99463	07/02/2016	07/01/2017
Directional Couple	Werlatone/ C6026-10	SN99482	07/02/2016	07/01/2017
Power Sensor	NRP-Z21	1137.6000.02	10/20/2015	10/19/2016
Power Sensor	NRP-Z23	US38261498	03/01/2016	02/28/2017
Power Viewer	R&S	V2.3.1.0	N/A	N/A

Note: Per EN/IEC62209-1/2 Dipole SAR Validation, AGC Lab has adopted 3 years calibration intervals. On annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

- 1. There is no physical damage on the dipole;
- 2. System validation with specific dipole is within 10% of calibrated value;
- 3. Return-loss is within 20% of calibrated measurement;
- 4. Impedance is within  $5\Omega$  of calibrated measurement.

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#### 10. MEASUREMENT UNCERTAINTY

The component of uncertainly may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainly by the statistical analysis of a series of observations is termed a Type An evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture's specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in Table as follow.

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor(a)	1/k(b)	1/√3	1/√6	1/√2

- (a) Standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity
- (b)  $\kappa$  is the coverage factor

#### Table 13.1 Standard Uncertainty for Assumed Distribution (above table)

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual "root-sum-squares" (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

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Moasuromon		S5 Measurement of 150 MHz to 3			or 1 arc	m / 10 gram	
Error Description	Uncertainty to Uncertainty value(±10%)	Probability Distribution	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g)	Standard Uncertainty (10g)
Measurement System							
Probe Calibration	6	Normal	1	1	1	6.00	6.00
Axial Isotropy	0.25	Rectangular	$\sqrt{3}$	1	1	0.14	0.14
Hemispherical Isotropy	1.3	Rectangular	$\sqrt{3}$	1	1	0.75	0.75
Linearity	0.3	Rectangular	$\sqrt{3}$	10	1	0.17	0.17
Probe Modulation Response	1.65	Rectangular	$\sqrt{3}$	1	10	0.95	0.95
System Detection Limits	0.9	Rectangular	$\sqrt{3}$	1	1	0.52	0.52
Boundary Effects	0.9	Rectangular	$\sqrt{3}$	1	1	0.52	0.52
Readout Electronics	0.2	Normal	1版。	1	1 1	0.20	0.20
Response Time	0	Rectangular	$\sqrt{3}$	15	1	0.00	0.00
Integration Time	0	Rectangular	$\sqrt{3}$	(1)	1	0.00	0.00
RF Ambient Noise	0.9	Rectangular	$\sqrt{3}$	1	1	0.52	0.52
RF Ambient Reflection	0.9	Rectangular	$\sqrt{3}$	1	1	0.52	0.52
Probe Positioner	0.7	Rectangular	$\sqrt{3}$	5/1 1 mm	1	0.40	0.40
Probe Positioning	6.5	Rectangular	$\sqrt{3}$	1	1	3.75	3.75
Post-processing	3.8	Rectangular	$\sqrt{3}$	1	1	2.19	2.19
Test Sample Related					<u>I</u>		
Device Positioning	3.6	Normal	-1	1	1 1 m	3.6	3.6
Device Holder	2.9	Normal	34	4	ad <sup>Com</sup> 1	2.9	2.9
Measurement SAR Drift	5.0	Rectangular	$\sqrt{3}$	11	1 (	2.89	2.89
Power Scaling	0.0	Rectangular	$\sqrt{3}$	1	1	0	0
Phantom and Setup							
Phantom Uncertainty (Shape and thickness tolerances)	0.05	Normal	$\sqrt{3}$	1	1	0.03	0.03
Uncertainty in SAR correction for deviations in permittivity and conductivity	1.9	Rectangular	1	1	0.84	1.90	1.60
Liquid conductivity measurement	5	Normal	1	0.78	0.71	3.90	3.55
Liquid permittivity measurement	5	Rectangular		0.23	0.26	1.15	1.30
Liquid conductivity – temperature uncertainty	5	Rectangular	$\sqrt{3}$	0.78	0.71	2.25	2.05
Liquid permittivity – temperature uncertainty	5	Rectangular	$\sqrt{3}$	0.23	0.26	0.66	0.75
Combined Standard Uncerta	ainty	CONT.	estallor.	G	All and a second	10.17	9.89
Coverage Factor for 95%	A Barrier	100	30	2)			=2
Expanded Uncertainty						±20.34%	±19.779%

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- The Table 1	Uncer.	eck Uncertainty	1		JI .	Std.	Std.	(v <sub>i</sub> )
Error Description	value (±10%)	Prob. Dist.	Div.	(Ci) 1g	(Ci) 10g	Unc. (1g)	Unc. (10g)	V <sub>eff</sub>
Measurement System								
Probe Calibration	6	Normal	1	1	1	6.00	6.00	∞
Axial Isotropy	0.25	Rectangular	$\sqrt{3}$	1	1	0.14	0.14	∞
Hemispherical Isotropy	1.3	Rectangular	$\sqrt{3}$	1	_	0.75	0.75	∞
Boundary Effects	0.3	Rectangular	$\sqrt{3}$	1	1 1	0.17	0.17	∞
inearity	1.65	Rectangular	$\sqrt{3}$	1	<b>5</b> h1	0.95	0.95	∞
System Detection Limits	0.9	Rectangular	$\sqrt{3}$	_1	and 1	0.52	0.52	8
Modulation Response	0.9	Rectangular	$\sqrt{3}$	<b>1</b>	1	0.52	0.52	∞
Readout Electronics	0.2	Normal	1	1	1	0.20	0.20	∞
Response Time	0	Rectangular	$\sqrt{3}$	.1	1	0.00	0.00	∞
ntegration Time	0	Rectangular	$\sqrt{3}$	1	1 4	0.00	0.00	∞
RF Ambient Noise	0.9	Rectangular	$\sqrt{3}$	1	C1	0.52	0.52	∞
RF Ambient Reflection	0.9	Rectangular	$\sqrt{3}$	10	1	0.52	0.52	∞
Probe Positioner	0.7	Rectangular	$\sqrt{3}$	1	1 :	0.40	0.40	∞
Probe Positioning	6.5	Rectangular	$\sqrt{3}$	1	K 1	3.75	3.75	∞
Max. SAR Eval.	3.8	Rectangular	$\sqrt{3}$	41%	1	2.19	2.19	∞
Dipole Related								
Deviation of exp. dipole	5.3	Rectangular	$\sqrt{3}$	1	1	3.06	3.06	∞
Dipole Axis to Liquid Dist.	2.0	Rectangular	$\sqrt{3}$	1	1	1.15	1.15	∞
nput power & SAR drift	3.3	Rectangular	$\sqrt{3}$	1	_1%	1.91	1.91	∞
Phantom and Setup		Table Control			2002			
Phantom Uncertainty (Shape and thickness tolerances)	0.05	Normal	$\sqrt{3}$	1	1	0.03	0.03	8
Uncertainty in SAR correction for deviations in permittivity and conductivity	1.9	Rectangular	1	T1 12	0.84	1.90	1.60	∞
iquid conductivity measurement	5	Normal	<b>1</b>	0.78	0.71	3.90	3.55	∞
iquid permittivity peasurement	5	Rectangular	1	0.23	0.26	1.15	1.30	8
iquid conductivity – emperature uncertainty	5	Rectangular	$\sqrt{3}$	0.78	0.71	2.25	2.05	∞
Liquid permittivity – emperature uncertainty	5	Rectangular	$\sqrt{3}$	0.23	0.26	0.66	0.75	∞
Combined Std. Uncertainty			-	- 1	1	9.38	9.080	Sipplif Course
Expanded STD Uncertainty		Allin:		St. Commission		±18.77%	±18.16%	

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## 11. CONDUCTED POWER MEASUREMENT GSM BAND

Mode	Frequency(MHz)	Avg. Burst Power(dBm)	Duty cycle Factor(dBm)	Frame Power(dBm)
laximum Power <	1>	- All	年。1000年	St. allord Older
	880.2	31.35	-9	22.35
GSM 900	897.4	31.38	-9	22.38
F delinate	914.8	31.32	-9	22.32
GPRS 900	880.2	31.22	-9	22.22
(1 Slot)	897.4	31.29	-9	22.29
(1 Glot)	914.8	31.21	-9	22.21
CDDC 000	880.2	28.36	-6	22.36
GPRS 900 (2 Slot)	897.4	28.39	-6	22.39
(2 5101)	914.8	28.35	-6	22.35
CDDC 000	880.2	26.55	-4.26	22.29
GPRS 900 (3 Slot)	897.4	26.58	-4.26	22.32
	914.8	26.51	-4.26	22.25
0000 000	880.2	25.41	-3	22.41
GPRS 900 (4 Slot)	897.4	25.45	-3	22.45
(4 3101)	914.8	25.40	-3	22.40
EGPRS 900	880.2	26.42	-9	17.42
(1 Slot)	897.4	26.45	-9	17.45
(1 5101)	914.8	26.43	-9	17.43
EGPRS 900	880.2	23.26	-6	17.26
(2 Slot)	897.4	23.23	-6	17.23
(2 0101)	914.8	23.26	-6	17.26
EGPRS 900	880.2	22.33	-4.26	18.07
(3 Slot)	897.4	22.36	-4.26	18.10
(3 3101)	914.8	22.33	-4.26	18.07
ECDBC 000	880.2	21.46	-3	18.46
EGPRS 900 (4 Slot)	897.4	21.43	-3	18.43
(4 0101)	914.8	21.46	-3	18.46

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Mode	Frequency(MHz)	Avg. Burst	Duty cycle	Frame
Wode	rrequency(winz)	Power(dBm)	Factor(dBm)	Power(dBm)
/laximum Power <2	>			
	880.2	31.30	-9	22.30
GSM 900	897.4	31.36	-9 4 6	22.36
-111	914.8	31.30	-9	22.30
ODDO 000	880.2	31.21	-9	22.21
GPRS 900 (1 Slot)	897.4	31.23	-9	22.23
(1 3101)	914.8	31.20	-9	22.20
CDDC 000	880.2	28.28	-6	22.28
GPRS 900 (2 Slot)	897.4	28.29	-6	22.29
(2 3101)	914.8	28.25	-6	22.25
CDDC 000	880.2	26.51	-4.26	22.25
GPRS 900 (3 Slot)	897.4	26.52	-4.26	22.26
(3 3101)	914.8	26.45	-4.26	22.19
0000	880.2	25.35	-3	22.35
GPRS 900 (4 Slot)	897.4	25.40	-3	22.40
(4 3101)	914.8	25.32	-3	22.32

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	700	M Godon	The Control of the Co	
Mode	Frequency(MHz)	Avg. Burst Power(dBm)	Duty cycle Factor(dBm)	Frame Power(dBm)
Maximum Power <	1>	110	10	
	1710.2	28.37	-9	19.37
DCS1800	1747.4	28.41	-9 A Care	19.41
Mir	1784.8	28.39	-9	19.39
GPRS1800	1710.2	28.25	-9	19.25
(1 Slot)	1747.4	28.20	-9	19.20
(1 3101)	1784.8	28.15	-9	19.15
CDDC1000	1710.2	25.36	-6	19.36
GPRS1800 (2 Slot)	1747.4	25.39	-6	19.39
(2 301)	1784.8	25.32	-6	19.32
CDDC4000	1710.2	23.50	-4.26	19.24
GPRS1800 (3 Slot)	1747.4	23.55	-4.26	19.29
(3 3101)	1784.8	23.52	-4.26	19.26
CDDC4000	1710.2	22.51	-3	19.51
GPRS1800 (4 Slot)	1747.4	22.53	-3	19.53
(4 3101)	1784.8	22.52	-3	19.52
EGPRS1800	1710.2	25.32	-9 4 W	16.32
(1 Slot)	1747.4	25.35	-9	16.35
(1 Glot)	1784.8	25.32	-9	16.32
FCDDC1000	1710.2	23.45	-6	17.45
EGPRS1800 (2 Slot)	1747.4	23.53	-6	17.53
(2 0101)	1784.8	23.56	-6	17.56
FCDDC1000	1710.2	23.59	-4.26	19.33
EGPRS1800 – (3 Slot) –	1747.4	23.56	-4.26	19.30
	1784.8	23.53	-4.26	19.27
EGPRS1800	1710.2	20.36	-3	17.36
(4 Slot)	1747.4	20.33	-3	17.33
(4 0101)	1784.8	20.26	-3	17.26

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Mode	Frequency(MHz)	Avg. Burst Power(dBm)	Duty cycle Factor(dBm)	Frame Power(dBm)
Maximum Power <	2>	110	101	an an
10	1710.2	28.32	-9	19.32
DCS1800	1747.4	28.39	-9	19.39
	1784.8	28.33	-9	19.33
00004000	1710.2	28.21	-9	19.21
GPRS1800 (1 Slot)	1747.4	28.15	-9	19.15
(1 3101)	1784.8	28.12	-9	19.12
CDDC4000	1710.2	25.30	-6	19.30
GPRS1800 (2 Slot)	1747.4	25.35	-6	19.35
(2 3101)	1784.8	25.30	-6	19.30
CDDC4000	1710.2	23.45	-4.26	19.19
GPRS1800 (3 Slot)	1747.4	23.40	-4.26	19.14
(3 3101)	1784.8	23.41	-4.26	19.15
GPRS1800 (4 Slot)	1710.2	22.47	-3	19.47
	1747.4	22.51	-3	19.51
(4 3101)	1784.8	22.50	-3	19.50

#### Note 1:

The Frame Power (Source-based time-averaged Power) is scaled the maximum burst average power based on time slots. The calculated methods are show as following:

Frame Power = Max burst power (1 Up Slot) - 9 dB

Frame Power = Max burst power (2 Up Slot) - 6 dB

Frame Power = Max burst power (3 Up Slot) - 4.26 dB

Frame Power = Max burst power (4 Up Slot) - 3 dB

Note 2:

SAR is not required for GPRS (1 Slot) Mode because its output power is less than of Voice Mode

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#### **UMTS BAND I**

Mode	Frequency(MHz)	Avg. Burst Power (dBm)
MODMA 0400	1922.4	23.49
WCDMA 2100 RMC(12.2kbps)	1950	23.45
Κίνιο (12.2κυρδ)	1977.6	23.40
HCDDA	1922.4	22.85
HSDPA	1950	22.89
Subtest 1	1977.6	22.81
LIODDA	1922.4	22.65
HSDPA	1950	22.79
Subtest 2	1977.6	22.62
- MIGDDA	1922.4	22.52
HSDPA	1950	22.59
Subtest 3	1977.6	22.51
THOOPING THE	1922.4	22.33
HSDPA	1950	22.36
Subtest 4	1977.6	22.30
LIGUE	1922.4	21.20
HSUPA	1950	21.22
Subtest 1	1977.6	21.12
The same of the sa	1922.4	21.09
HSUPA	1950	21.12
Subtest 2	1977.6	21.02
A LIGHTA	1922.4	20.89
HSUPA	1950	20.99
Subtest 3	1977.6	20.95
C.C.	1922.4	20.92
HSUPA	1950	20.91
Subtest 4	1977.6	20.90
The state of the s	1922.4	20.85
HSUPA	1950	20.89
Subtest 5	1977.6	20.81

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#### **UMTS BAND VIII**

Mode	Frequency (MHz)	Avg. Burst Power (dBm)
WCDMA 900 RMC(12.2kbps)	882.4	23.32
	897.6	23.38
	912.6	23.31
4. 10	882.4	22.56
HSDPA Subtest 1	897.6	22.59
	912.6	22.56
	882.4	22.34
HSDPA Subtest 2	897.6	22.38
	912.6	22.32
HSDPA	882.4	22.25
	897.6	22.26
Subtest 3	912.6	22.21
15 15	882.4	22.12
HSDPA	897.6	22.10
Subtest 4	912.6	22.02
	882.4	21.55
HSUPA	897.6	21.62
Subtest 1	912.6	21.61
10000000000000000000000000000000000000	882.4	21.31
HSUPA Subtest 2	897.6	21.36
	912.6	21.33
HSUPA	882.4	21.21
	897.6	21.29
Subtest 3	912.6	21.25
The state of the s	882.4	21.11
HSUPA Subtest 4	897.6	21.15
	912.6	21.02
10000000000000000000000000000000000000	882.4	21.21
HSUPA	897.6	21.36
Subtest 5	912.6	21.27

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According to 3GPP 25.101 sub-clause 6.2.2, the maximum output power is allowed to be reduced by following the table.

Table 6.1Aa: UE maximum output power with HS-DPCCH and E-DCH

UE Transmit Channel Configuration	CM(db)	MPR(db)					
For all combinations of ,DPDCH,DPCCH HS-DPDCH,E-DPDCH and E-DPCCH	0≤ CM≤3.5	MAX(CM-1,0)					
Note: CM=1 for $\beta_c/\beta_d=12/15$ , $\beta_{hs}/\beta_c=24/15$ . For all other combinations of DPDCH, DPCCH, HS-DPCCH,							
E-DPDCH and E-DPCCH the MPR is based on the	relative CM difference.						

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX\_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.

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#### WIFI

	ACIV. CV.	ALL OF THE PARTY O		
Mode	Data Rate (Mbps)	Channel	Frequency(MHz)	EIRP (dBm)
802.11b		1	2412	14.22
		7 🐀	2442	14.33
		13	2472	14.13
802.11g	GC 6 GC	# Table 1	2412	11.93
		7	2442	12.23
		13	2472	12.42
802.11n(20)	6.5	地 1 地	2412	12.38
		7 4 300	2442	11.92
		13	2472	11.96

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#### 12. TEST RESULTS

#### 12.1. SAR Test Results Summary

#### 12.1.1. Test position and configuration

Head SAR was performed with the device configured in the positions according to IEC/EN62209-1, and Body SAR was performed with the device 0mm from the phantom according to IEC/EN62209-2.

#### 12.1.2. Operation Mode

1 For GSM900, the power control is set to Maximum Power Class. For GPRS 900(GMSK, CS1), the power control level is set to Maximum Power Class. For E-GPRS 900(GMSK: MCS1, 8PSK:MCS5), the power control is set to Maximum Power Class. For DCS 1800, the power control is set to Maximum Power Class. For GPRS 1800(GMSK, CS1), the power control level is set to Maximum Power Class. For E-GPRS 1800 (GMSK: MCS1, 8PSK:MCS5), the power control level is set to Maximum Power Class.

This is a multi-slot class 12 device capable of 4 uplink timeslots. During the head SAR test, the device was transmitting with maximum 1 uplink timeslot; during the body SAR test, it was transmitting with maximum 4 uplink timeslots. Additionally, this device doesn't support dual transfer mode (DTM)

Testing with the headset was performed at the position and channels that resulted in the highest body SAR. This testing was performed with GPRS transmitting with 2/3/4 uplink timeslots. In the Body SAR test result table, body-worn means display of device down, body-front means display of device up.

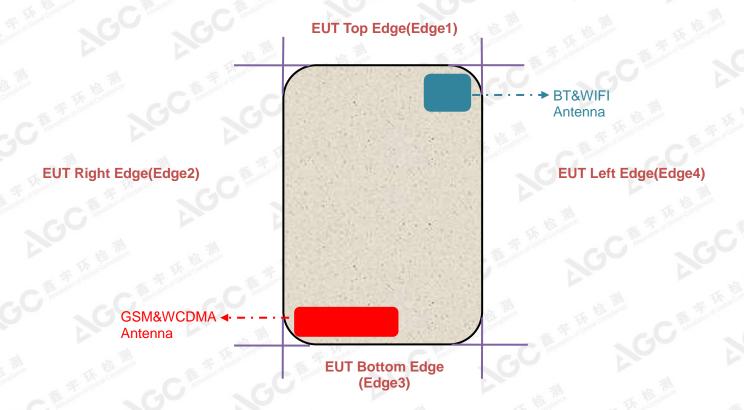
- 2 For WCDMA, head and body SAR is tested under RMC 12.2k mode with power control set all up bits SAR for AMR is not required since its power is less than RMC. For HSDPA/HSUPA, SAR is test with its maximum power mode.
- 3 For WIFI SAR testing, the EUT has installed WIFI engineering testing software which can provide continuous transmitting RF signal.
- 4 Sensors have no any influence on power level or SAR result.
- 5 The portion of the EUT which area scan did not scan has been off the phantom

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# 12.1.3. Antenna Location: (back view)



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# 12.1.4. SAR Test Results Summary

SAR MEASU	REMENT										
Depth of Liqui	d (cm):>15				Relative Humidity (%): 57.7						
Product: Table	et PC										
Test Mode: G	SM900 with GMSK	modula	tion								
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2)	SAR (10g) (W/kg)	Max. Turn-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/Kg)	Limit (W/Kg)		
SIM 1 Card											
Left Cheek	voice	37	897.4	0.14	0.205	32.00	31.38	0.236	2.0		
Left Tilt	voice	37	897.4	0.03	0.117	32.00	31.38	0.135	2.0		
Right Cheek	voice	975	880.2	0.03	0.206	32.00	31.35	0.239	2.0		
Right Cheek	voice	37	897.4	0.07	0.211	32.00	31.38	0.243	2.0		
Right Cheek	voice	124	914.8	-0.02	0.187	32.00	31.32	0.219	2.0		
Right Tilt	voice	37	897.4	0.02	0.111	32.00	31.38	0.128	2.0		
Body back	voice	37	897.4	0.02	0.349	32.00	31.38	0.403	2.0		
Body back	GPRS-2 slots	37	897.4	-0.07	0.342	29.00	28.39	0.394	2.0		
Body back	GPRS-3 slots	37	897.4	-0.10	0.364	27.00	26.58	0.401	2.0		
Body back	GPRS-4 slots	37	897.4	-0.11	0.399	26.00	25.45	0.453	2.0		
Body Front	GPRS-4 slots	37	897.4	-0.13	0.325	26.00	25.45	0.369	2.0		
Body back	GPRS-4 slots with Ear.	37	897.4	-0.14	0.377	26.00	25.45	0.428	2.0		
Edge 3	GPRS-4 slots	37	897.4	-0.04	0.322	26.00	25.45	0.365	2.0		
Edge 2	GPRS-4 slots	37	897.4	-0.17	0.268	26.00	25.45	0.304	2.0		
Edge 4	GPRS-4 slots	37	897.4	-0.16	0.018	26.00	25.45	0.020	2.0		
SIM 2 Card	FA COMMENT	Stations	a.C	Atten	10	E			-11		
Right Cheek	voice	37	897.4	-0.17	0.207	32.00	31.36	0.240	2.0		
Body back	GPRS-4 slots	37	897.4	-0.03	0.379	26.00	25.40	0.435	2.0		

#### Note:

• When the 10-g SAR is ≤ 1.0W/kg, testing for low and high channel is optional.

• The test separation of all above table(body part) is 0mm.

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Depth of Liquid (cm):>15 Relative Humidity (%): 58.4

Product: Tablet PC

Test Mode: DCS1800 with GMSK modulation

Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2)	SAR (10g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/Kg)	Limit (W/Kg)
SIM 1 Card		6						不相關	
Left Cheek	voice	698	1747.4	0.02	0.118	29.00	28.41	0.135	2.0
Left Tilt	voice	698	1747.4	0.14	0.038	29.00	28.41	0.044	2.0
Right Cheek	voice	512	1710.2	0.12	0.116	29.00	28.32	0.136	2.0
Right Cheek	voice	698	1747.4	-0.11	0.211	29.00	28.41	0.242	2.0
Right Cheek	voice	885	1784.8	0.14	0.175	29.00	28.39	0.201	2.0
Right Tilt	voice	698	1747.4	0.02	0.043	29.00	28.41	0.049	2.0
Body back	voice	698	1747.4	0.19	0.456	29.00	28.41	0.522	2.0
Body back	GPRS-2 slots	698	1747.4	-0.04	0.420	26.00	25.39	0.483	2.0
Body back	GPRS-3 slots	698	1747.4	-0.00	0.405	24.00	23.55	0.449	2.0
Body back	GPRS-4 slots	698	1747.4	0.10	0.460	23.00	22.53	0.513	2.0
Body Front	GPRS-4 slots	698	1747.4	-0.13	0.403	23.00	22.53	0.449	2.0
Body back	GPRS-4 slots with Ear.	698	1747.4	0.06	0.491	23.00	22.53	0.547	2.0
Edge 3	GPRS-4 slots	698	1747.4	-0.11	0.113	23.00	22.53	0.126	2.0
Edge 2	GPRS-4 slots	698	1747.4	-0.03	0.388	23.00	22.53	0.432	2.0
Edge 4	GPRS-4 slots	698	1747.4	-0.01	0.033	23.00	22.53	0.037	2.0
SIM 2 Card	1000000	学	al Co	至 年 。		1" .	6		10
Right Cheek	voice	698	1747.4	0.06	0.202	29.00	28.39	0.232	2.0
Body back	GPRS-4 slots with Ear.	698	1747.4	-0.09	0.486	23.00	22.51	0.544	2.0

#### Note:

• When the 10-g SAR is ≤ 1.0W/kg, testing for low and high channel is optional.

• The test separation of all above table(body part) is 0mm.

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#### **SAR MEASUREMENT**

Relative Humidity (%): 49.8 Depth of Liquid (cm):>15

Product: Tablet PC

Test Mode: WCDMA Band I with QPSK modulation

Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2)	SAR (10g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/Kg)	Limit W/kg
SIM 1 Card	700						1	相测	3
Left Cheek	RMC12.2kbps	9612	1922.4	-0.01	0.158	23.50	23.49	0.158	2.0
Left Cheek	RMC12.2kbps	9750	1950	0.12	0.164	23.50	23.45	0.166	2.0
Left Cheek	RMC12.2kbps	9888	1977.6	-0.08	0.180	23.50	23.40	0.184	2.0
Left Tilt	RMC12.2kbps	9750	1950	-0.16	0.089	23.50	23.45	0.090	2.0
Right Cheek	RMC12.2kbps	9750	1950	0.06	0.124	23.50	23.45	0.125	2.0
Right Tilt	RMC12.2kbps	9750	1950	0.17	0.115	23.50	23.45	0.116	2.0
Body back	RMC12.2kbps	9612	1922.4	0.03	1.290	23.50	23.49	1.293	2.0
Body back	RMC12.2kbps	9750	1950	0.06	1.240	23.50	23.45	1.254	2.0
Body back	RMC12.2kbps	9888	1977.6	-0.10	1.200	23.50	23.40	1.228	2.0
Body front	RMC12.2kbps	9750	1950	-0.06	0.727	23.50	23.45	0.735	2.0
Body back	HSPA	9750	1950	0.05	0.825	23.00	22.89	0.846	2.0
Body back	RMC12.2kbps with Ear.	9612	1922.4	0.06	1.130	23.50	23.49	1.133	2.0
Body back	RMC12.2kbps with Ear.	9750	1950	0.07	1.100	23.50	23.45	1.113	2.0
Body back	RMC12.2kbps with Ear.	9888	1977.6	0.00	1.070	23.50	23.40	1.095	2.0
Edge 3	RMC 12.2Kbps	9750	1950	-0.16	0.109	23.50	23.45	0.110	2.0
Edge 2	RMC 12.2Kbps	9750	1950	-0.14	0.342	23.50	23.45	0.346	2.0
Edge 4	RMC 12.2Kbps	9750	1950	-0.07	0.019	23.50	23.45	0.019	2.0

#### Note:

When the 10-g SAR is ≤ 1.0W/kg, testing for low and high channel is optional.

• The test separation of all above table(body part) is 0mm.

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#### **SAR MEASUREMENT**

Depth of Liquid (cm):>15 Relative Humidity (%): 57.7

Product: Tablet PC

Test Mode: WCDMA Band VIII with QPSK modulation

Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2)	SAR (10g) (W/kg)	Max. Turn-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/Kg)	Limit W/kg
SIM 1 Card	100						16	相相	- 5
Left Cheek	RMC12.2kbps	2712	882.4	-0.03	0.051	24.00	23.32	0.060	2.0
Left Cheek	RMC12.2kbps	2788	897.6	-0.14	0.048	24.00	23.38	0.055	2.0
Left Cheek	RMC12.2kbps	2863	912.6	-0.19	0.040	24.00	23.31	0.047	2.0
Left Tilt	RMC12.2kbps	2788	897.6	-0.01	0.023	24.00	23.38	0.027	2.0
Right Cheek	RMC12.2kbps	2788	897.6	-0.06	0.033	24.00	23.38	0.038	2.0
Right Tilt	RMC12.2kbps	2788	897.6	-0.12	0.017	24.00	23.38	0.020	2.0
Body back	RMC12.2kbps	2788	897.6	0.07	0.242	24.00	23.38	0.279	2.0
Body front	RMC12.2kbps	2788	897.6	0.06	0.372	24.00	23.38	0.429	2.0
Body back	HSPA	2788	897.6	0.12	0.154	23.00	22.59	0.169	2.0
Body front	RMC12.2kbps with Ear.	2788	897.6	0.04	0.254	24.00	23.38	0.293	2.0
Edge 3	RMC 12.2Kbps	2788	897.6	-0.12	0.112	24.00	23.38	0.129	2.0
Edge 2	RMC 12.2Kbps	2788	897.6	0.13	0.151	24.00	23.38	0.174	2.0
Edge 4	RMC 12.2Kbps	2788	897.6	0.07	0.037	24.00	23.38	0.043	2.0

#### Note:

When the 10-g SAR is ≤ 1.0W/kg, testing for low and high channel is optional.

• The test separation of all above table(body part) is 0mm.

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#### **SAR MEASUREMENT**

Depth of Liquid (cm):>15 Relative Humidity (%): 53.9

Product: Tablet PC

Test Mode: 802.11b

100t Wodo. 002.11t	<u> </u>								
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2)	SAR (10g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/Kg)	Limit W/kg
Left Cheek	DTS	7	2442	0.18	0.110	14.33	14.33	0.110	2.0
Left Tilt	DTS	7	2442	-0.01	0.087	14.33	14.33	0.087	2.0
Right Cheek	DTS	1, 9	2412	0.05	0.184	14.33	14.22	0.189	2.0
Right Cheek	DTS	7	2442	0.03	0.220	14.33	14.33	0.220	2.0
Right Cheek	DTS	13	2472	0.09	0.235	14.33	14.13	0.246	2.0
Right Tilt	DTS	7	2442	0.08	0.128	14.33	14.33	0.128	2.0
Body back	DTS	7	2442	-0.05	0.383	14.33	14.33	0.383	2.0
Body front	DTS	7	2442	0.06	0.108	14.33	14.33	0.108	2.0
Body back + Ear.	DTS	7 %	2442	-0.08	0.402	14.33	14.33	0.402	2.0
Edge 1	DTS	7	2442	-0.07	0.067	14.33	14.33	0.067	2.0
Edge 4	DTS	7	2442	-0.01	0.136	14.33	14.33	0.136	2.0
Edge 2	DTS	7	2442	-0.17	0.054	14.33	14.33	0.054	2.0
Mate	•	455	1	and the second	484				

#### Note:

• When the 10-g SAR is ≤ 1.0W/kg, testing for low and high channel is optional.

• The test separation of all above table(body part) is 0mm.

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#### **Simultaneous Multi-band Transmission Evaluation:**

According to EN62209-2:2010 section 6.3.2, when the EUT has more than one transmission mode, there need to take Simultaneous Multi-band Transmission into consideration;

- (1) The EUT has GSM&WCDMA antenna, BT/WIFI antenna;
- (2) BT and WIFI share one antenna, and cannot transmit simultaneously;
- (3) GSM and GPRS/WCDMA can't work at the same time;
- (4) For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state;
- (5) For each transmission mode, there must test separately, and then summation of peak spatial-averaged SAR values:
- (6) For secondary transmitter (i.e. lower power transmitters), we use the following measurement to evaluate if their power levels fall below a threshold level(Annex k):

#### Where

P<sub>th,m</sub> is the threshold exclusion power level;

Pavailable is the threshold value there need to be tested;

SAR<sub>lim</sub> is the SAR limit;

SAR<sub>1</sub> is the maximum SAR value of first transmitter mode result;

Alternatively,  $P_{th,m}$  can be replaced by  $P_{max,m}$ , which is an easier approach but leads to more restrictive power threshold;

$$P_{available} = P_{th,m} \times (SAR_{lim} - SAR_1) / SAR_{lim} = 20 \text{mW} \times (2 \text{W/Kg} - 1.293 \text{ W/Kg}) / 2 \text{W/Kg}$$

=7.07mW>2.38mW(3.76dBm) for BT =7.07mW<27.10mW(14.33dBm) for WIFI

There is no need to test BT and no need to evaluate simultaneous transmission.

There is need to test WIFI and need to evaluate simultaneous transmission.

#### **Simultaneous Multi-band Transmission SAR:**

NO	Simultaneous state	Portable Handset			
NO	Simultaneous state	Head	Body-worn		
1	GSM(voice)+WIFI 2.4GHz (data)	Yes	Yes		
2	GSM(Data)+WIFI 2.4GHz (data)	Yes	Yes		
3	WCDMA(RMC12.2kbps)+WIFI 2.4GHz (data)	Yes	Yes		

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_	RF Exposure	Test	Simultaneous Trans	Σ10-g SAR	Limit	
Frequency	Conditions	Position	GSM/WCDMA	WIFI	(W/Kg)	(W/Kg)
ST CONTRACTOR		Left Touch	0.236	0.110	0.346	2.0
	Head	Left Tilt	0.135	0.087	0.222	2.0
	(voice)	Right Touch	0.243	0.246	0.489	2.0
		Right Tilt	0.128	0.128	0.256	2.0
		Body back	0.403	0.383	0.786	2.0
CCM 000		GPRS-2slots	0.394	0.383	0.777	2.0
GSM 900	-C	GPRS-3slots	0.401	0.383	0.784	2.0
	Darkinson	GPRS-4slots	0.453	0.383	0.836	2.0
	Body-worn	Body Front	0.369	0.108	0.477	2.0
		Earphone	0.428	0.402	0.830	2.0
		Edge 2	0.304	0.054	0.358	2.0
		Edge 4	0.020	0.136	0.156	2.0
6.7	4 G	Left Touch	0.135	0.110	0.245	2.0
	Head	Left Tilt	0.044	0.087	0.131	2.0
	(voice)	Right Touch	0.242	0.246	0.488	2.0
	A ST	Right Tilt	0.049	0.128	0.177	2.0
	不 地	Body back	0.522	0.383	0.905	2.0
200 4000	- F Colonica	GPRS-2slots	0.483	0.383	0.866	2.0
DCS 1800	The state of the s	GPRS-3slots	0.449	0.383	0.832	2.0
	Dody worn	GPRS-4slots	0.513	0.383	0.896	2.0
	Body-worn	Body Front	0.449	0.108	0.557	2.0
		Earphone	0.547	0.402	0.949	2.0
	ENG.	Edge 2	0.432	0.054	0.486	2.0
	<b>新</b>	Edge 4	0.037	0.136	0.173	2.0

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F	RF Exposure	Test	Simultaneous Trans	Simultaneous Transmission Scenario			
Frequency	Conditions	Position	GSM/WCDMA	WIFI	Σ10-g SAR (W/Kg)	Limit (W/Kg)	
COMMENT		Left Touch	0.184	0.110	0.294	2.0	
	Hood	Left Tilt	0.090	0.087	0.177	2.0	
	Head	Right Touch	0.125	0.246	0.371	2.0	
		Right Tilt	0.116	0.128	0.244	2.0	
WCDMA		Body back	1.293	0.383	1.676	2.0	
Band I		Body Front	0.735	0.108	0.843	2.0	
	Body-worn	Body back	0.846	0.383	1.229	2.0	
		Earphone	1.133	0.402	1.535	2.0	
		Edge 2	0.346	0.054	0.400	2.0	
		Edge 4	0.019	0.136	0.155	2.0	
E THE	Alle Sine	Left Touch	0.060	0.110	0.170	2.0	
	Llood	Left Tilt	0.027	0.087	0.114	2.0	
	Head	Right Touch	0.038	0.246	0.284	2.0	
		Right Tilt	0.020	0.128	0.148	2.0	
WCDMA		Body back	0.279	0.383	0.662	2.0	
Band VIII	A 3	Body Front	0.429	0.108	0.537	2.0	
T. T. B.	Dody worn	Body back	0.169	0.383	0.552	2.0	
	Body-worn	Earphone	0.293	0.402	0.695	2.0	
	The state of the s	Edge 2	0.174	0.054	0.228	2.0	
	J' (	Edge 4	0.043	0.136	0.179	2.0	

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# APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab Date: Aug. 11,2016

System Check Head 900 MHz DUT: Dipole 900 MHz Type: SID 900

Communication System: CW; Communication System Band: D900 (900.0 MHz); Duty Cycle: 1:1;

Frequency: 900 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

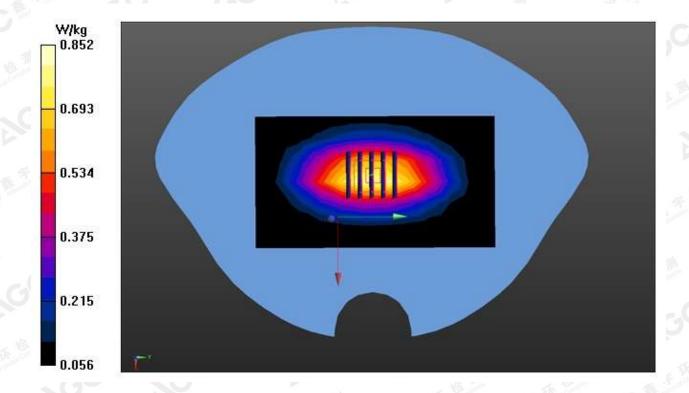
Configuration/System Check 900MHz Head /Area Scan(9x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.810 W/kg

Configuration/System Check 900MHz Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dv=8mm, dz=5mm

Reference Value = 28.789 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.440 W/kg Maximum value of SAR (measured) = 0.852 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** System Check Head 1800MHz

DUT: Dipole 1800 MHz; Type: SID 1800

Communication System: CW; Communication System Band: D1800 (1800.0 MHz); Duty Cycle: 1:1;

Frequency: 1800 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C):21.9, Liquid temperature ( $^{\circ}$ C): 21.1

## DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

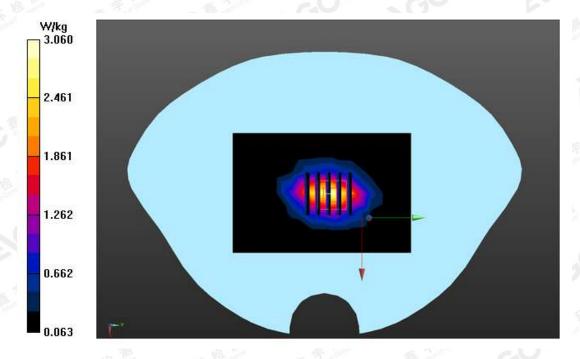
Configuration/System Check 1800MHz Head/ Area Scan(7x10x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 3.04 W/kg

Configuration/System Check 1800MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.407 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.36 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.29 W/kgMaximum value of SAR (measured) = 3.06 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** System Check Head 2000MHz

DUT: Dipole 2000 MHz; Type: SID 2000

Communication System: CW; Communication System Band: D2000 (2000.0 MHz); Duty Cycle: 1:1;

Frequency: 2000 MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 39.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C): 20.6

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

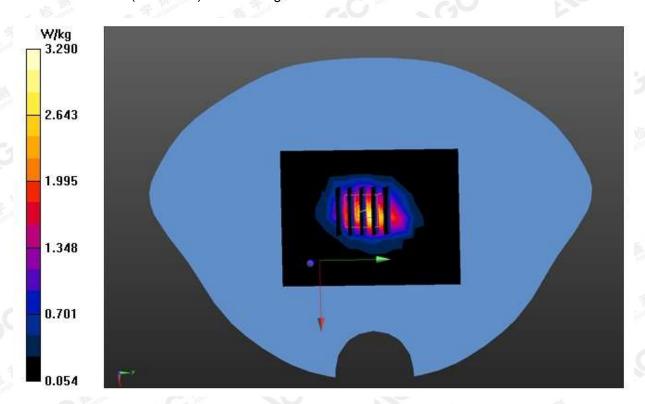
Configuration/System Check 2000MHz Head / Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 3.11 W/kg

Configuration/System Check 2000MHz Head / Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.725 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.02 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.30 W/kgMaximum value of SAR (measured) = 3.29 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab System Check Head 2450 MHz

DUT: Dipole 2450 MHz Type: SID 2450

Communication System: CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1;

Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section; Input Power=18dBm

Ambient temperature ( $^{\circ}$ ): 22.6, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

#### Configuration/System Check Head 2450MHz / Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm

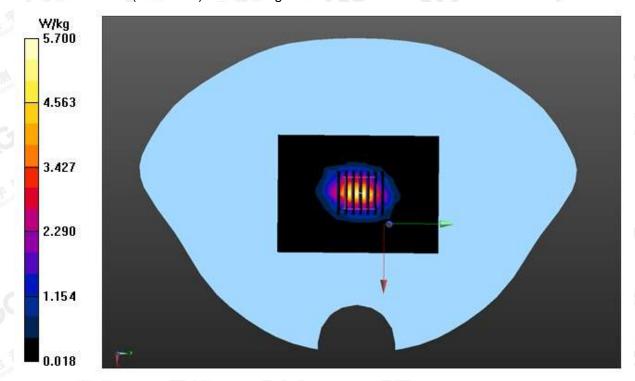
Maximum value of SAR (measured) = 5.19 W/kg

Configuration/System Check Head 2450MHz/ Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm dy=5mm, dz=5mm

Reference Value = 56.278 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.69 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 1.61W/kgMaximum value of SAR (measured) = 5.72 W/kg



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# APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab Date: Aug. 11,2016

GSM 900 Mid-Touch-Left <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

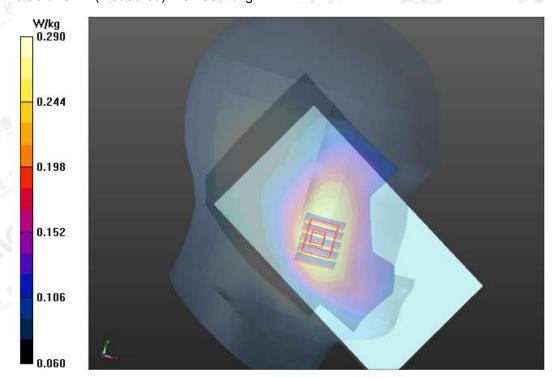
Maximum value of SAR (measured) = 0.282 W/kg

**LEFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.550 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.205 W/kg Maximum value of SAR (measured) = 0.290 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab
GSM 900 Mid- Tilt-Left <SIM 1>
DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**LEFT HEAD/L-T/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm

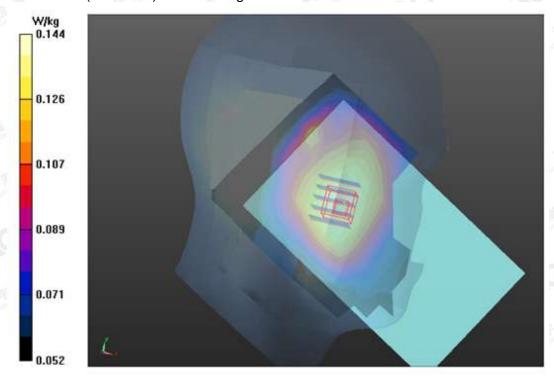
Maximum value of SAR (measured) = 0.142 W/kg

LEFT HEAD/L-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.740 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.117 W/kg Maximum value of SAR (measured) = 0.144 W/kg



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@ 400 089 2118

Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GSM 900 Low-Touch-Right <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 880.2 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C-L/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

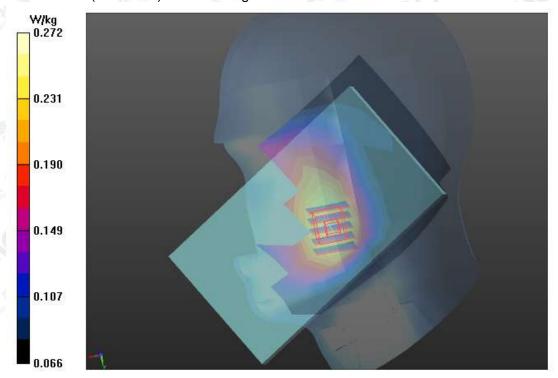
Maximum value of SAR (measured) = 0.265 W/kg

RIGHT HEAD/R-C-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.065 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.206 W/kg Maximum value of SAR (measured) = 0.272 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GSM 900 Mid -Touch-Right <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

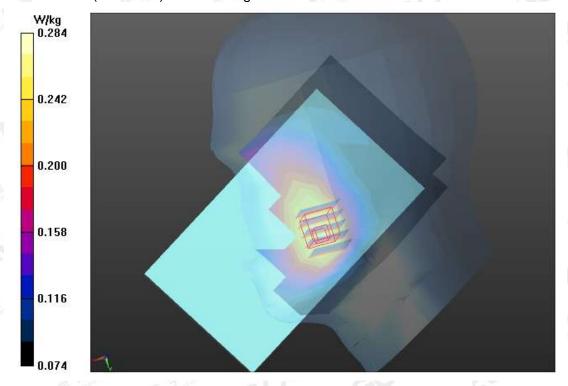
Maximum value of SAR (measured) = 0.280 W/kg

RIGHT HEAD/R-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.208 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.211 W/kg Maximum value of SAR (measured) = 0.284 W/kg



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No.16 E



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

GSM 900 High-Touch-Right <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 914.8 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C-H/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

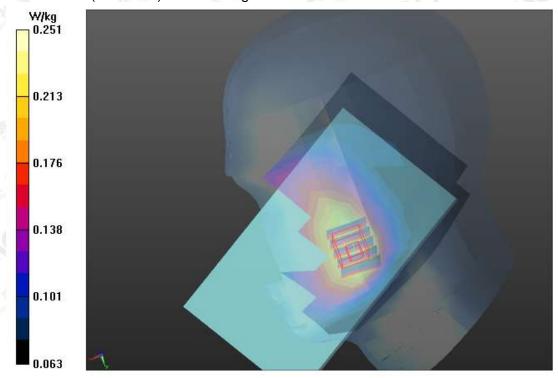
Maximum value of SAR (measured) = 0.252 W/kg

RIGHT HEAD/R-C-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.824 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.187 W/kg Maximum value of SAR (measured) = 0.251 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab
GSM 900 Mid-Tilt-Right <SIM 1>
DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

• Probe: ES3DV3 - SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

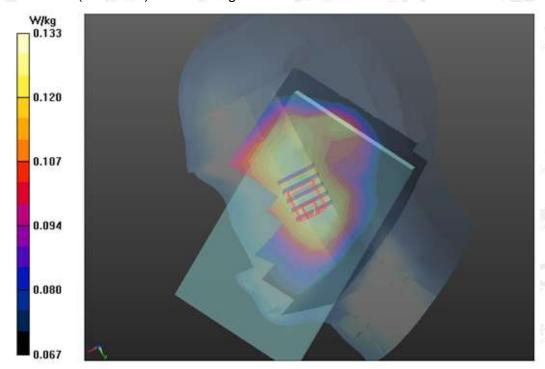
**RIGHT HEAD/R-T/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.131 W/kg

RIGHT HEAD/R-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.602 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.111 W/kg Maximum value of SAR (measured) = 0.133 W/kg



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No.16 b



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GSM 900 Mid-Touch-Right <SIM 2> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C 2/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

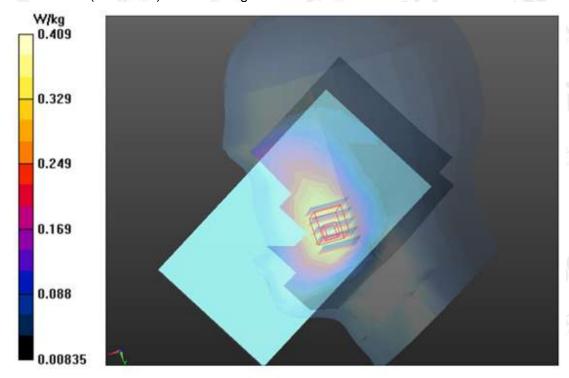
Maximum value of SAR (measured) = 0.280 W/kg

RIGHT HEAD/R-C 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.367 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.207 W/kgMaximum value of SAR (measured) = 0.409 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

GSM 900 Mid- Body- Back (MS) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: GSM 900; Duty Cycle: 1:8.3;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

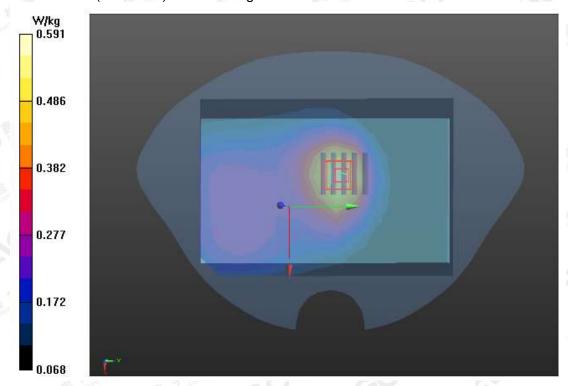
Maximum value of SAR (measured) = 0.585 W/kg

BODY/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.733 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.349 W/kg Maximum value of SAR (measured) = 0.591 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GPRS 900 Mid-Body-Back (2up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -2 Slot; Communication System Band: GSM900; Duty Cycle: 1:4.2;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/2ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

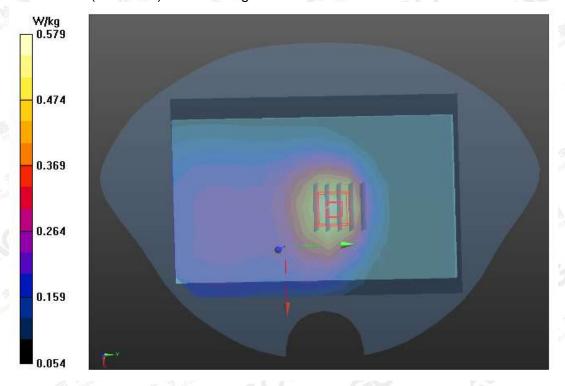
Maximum value of SAR (measured) = 0.571 W/kg

BODY/2ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.069 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.342 W/kgMaximum value of SAR (measured) = 0.579 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

GPRS 900 Mid-Body-Back (3up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -3 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.8;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/3ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

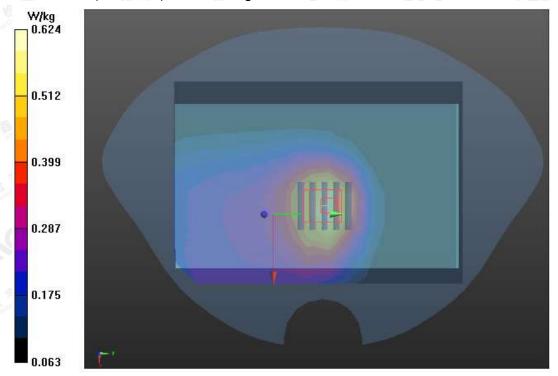
Maximum value of SAR (measured) = 0.615 W/kg

BODY/3ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.901 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.364 W/kg Maximum value of SAR (measured) = 0.624 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

GPRS 900 Mid-Body-Back (4up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

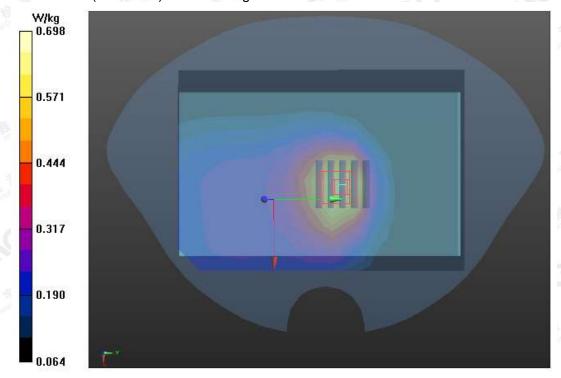
Maximum value of SAR (measured) = 0.642 W/kg

BODY/4ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.934 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.399 W/kg Maximum value of SAR (measured) = 0.698 W/kg

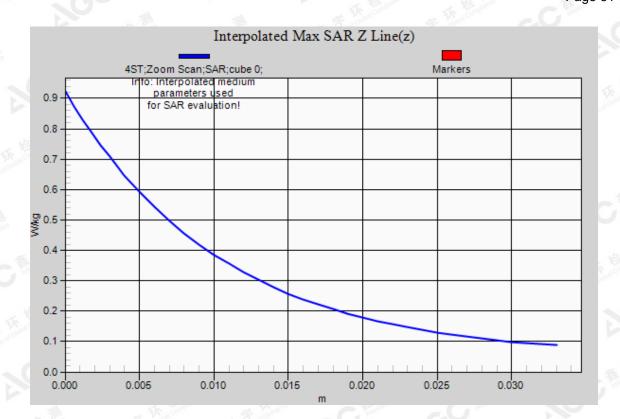


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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GPRS 900 Mid-Body- Front (4up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

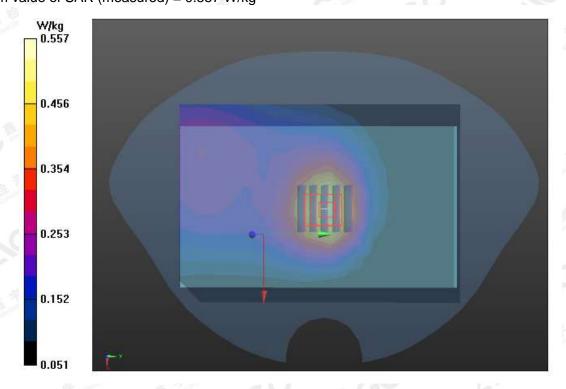
**BODY/4ST-FRONT/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.553 W/kg

BODY/4ST-FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.398 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.325 W/kg Maximum value of SAR (measured) = 0.557 W/kg



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@ 400 089 2118

Date: Aug. 11,2016

Test Laboratory: AGC Lab

GPRS 900 Mid-Body-Back (4up) –with earphone <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

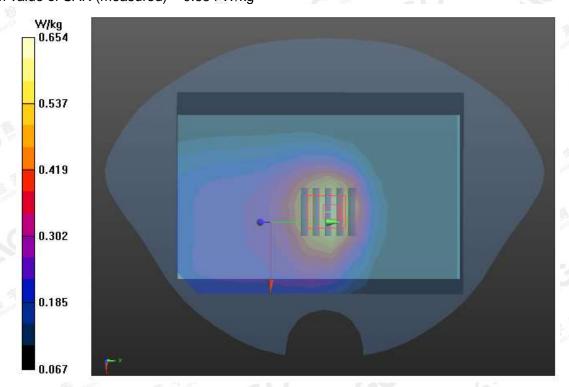
**BODY/4ST-EARPHONE/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.640 W/kg

BODY/4ST-EARPHONE/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.020 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.377 W/kg Maximum value of SAR (measured) = 0.654 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GPRS 900 Mid- Edge 3 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

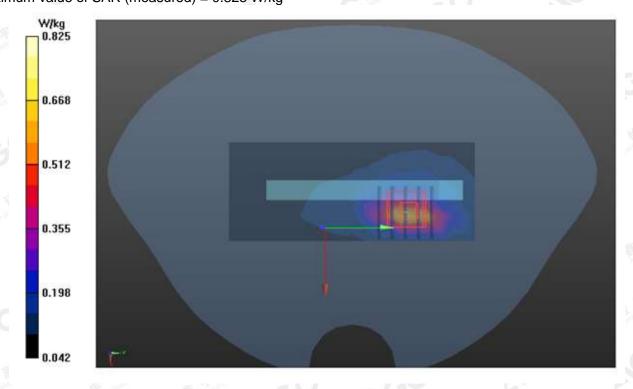
BODY/4ST-Edge 3/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.742 W/kg

BODY/4ST-Edge 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.940 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.322 W/kgMaximum value of SAR (measured) = 0.825 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GPRS 900 Mid- Edge 2 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

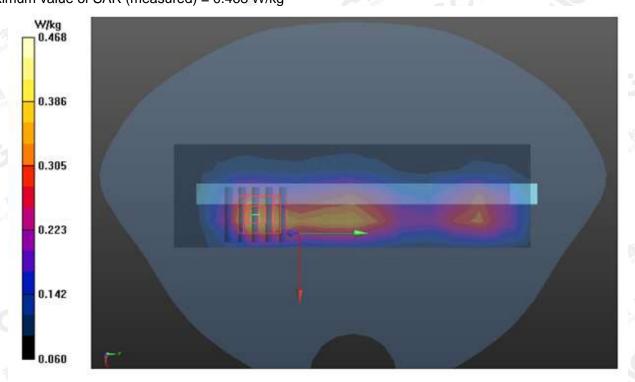
**BODY/4ST-Edge 2/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.435 W/kg

BODY/4ST-Edge 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.282 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.268 W/kg Maximum value of SAR (measured) = 0.468 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 11,2016

Test Laboratory: AGC Lab

GPRS 900 Mid- Edge 4 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

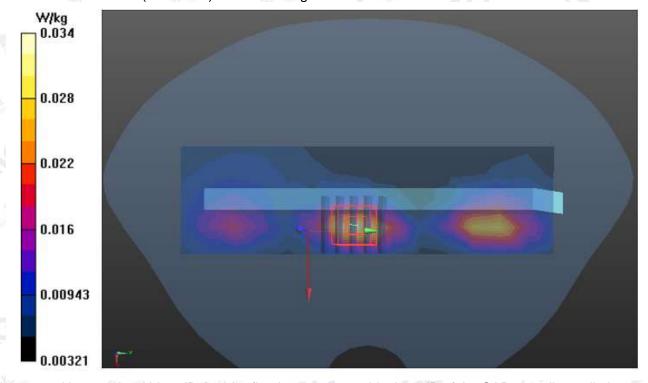
**BODY/4ST-Edge 4/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0329 W/kg

BODY/4ST-Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.913 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0500 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.018 W/kg Maximum value of SAR (measured) = 0.0343 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

GPRS 900 Mid-Body-Back (4up) <SIM 2>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS -4 Slot; Communication System Band: GSM 900; Duty Cycle: 1:2.1;

Frequency: 897.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

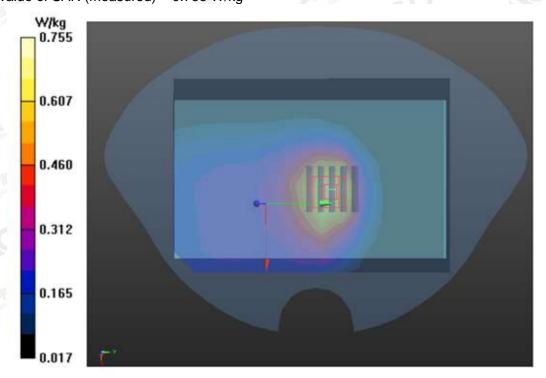
- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**BODY/4ST 2/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.742 W/kg

**BODY/4ST 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 11.055 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.379 W/kg Maximum value of SAR (measured) = 0.755 W/kg



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Date: Aug. 12,2016

Test Laboratory: AGC Lab

DCS 1800 Mid-Touch-Left <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**LEFT HEAD/L-C/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm

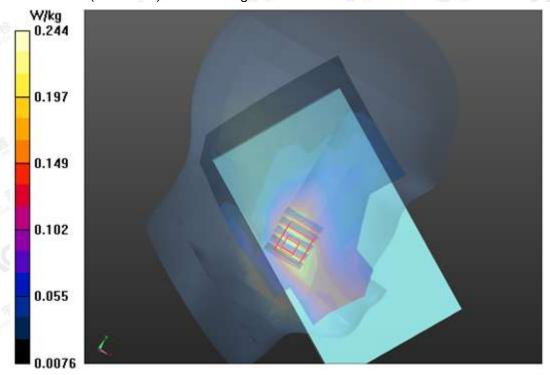
Maximum value of SAR (measured) = 0.230 W/kg

LEFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.118 W/kg Maximum value of SAR (measured) = 0.244 W/kg



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Test Laboratory: AGC Lab
DCS 1800 Mid-Tilt-Left <SIM 1>
DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-T/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

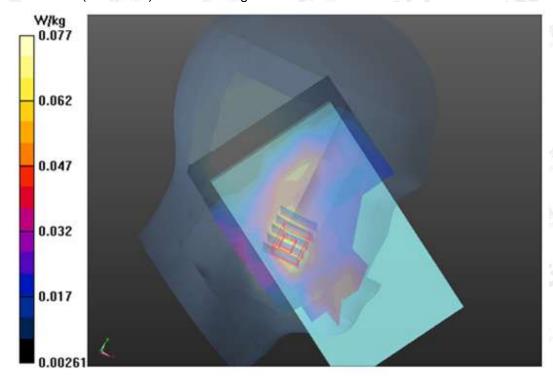
Maximum value of SAR (measured) = 0.0752 W/kg

LEFT HEAD/L-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.099 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.038 W/kg Maximum value of SAR (measured) = 0.0766 W/kg



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Date: Aug. 12,2016

Test Laboratory: AGC Lab

DCS 1800 Low-Touch-Right <SIM 1>DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1710.2 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

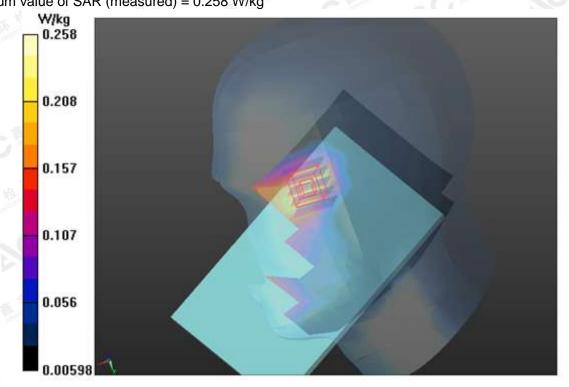
**RIGHT HEAD/R-C-L/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.213 W/kg

RIGHT HEAD/R-C-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.423 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.116 W/kg Maximum value of SAR (measured) = 0.258 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

DCS 1800 Mid-Touch-Right <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

## DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

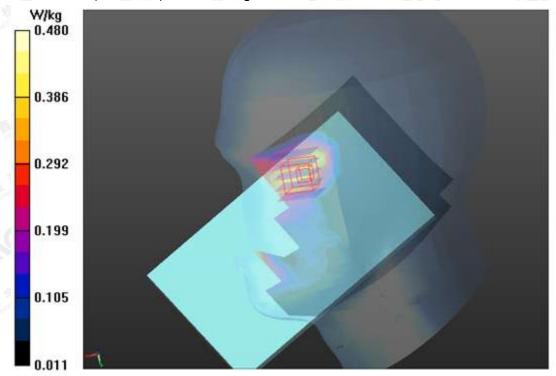
Maximum value of SAR (measured) = 0.407 W/kg

RIGHT HEAD/R-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.969 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.211 W/kgMaximum value of SAR (measured) = 0.480 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

DCS 1800 High-Touch-Right <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1784.8 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

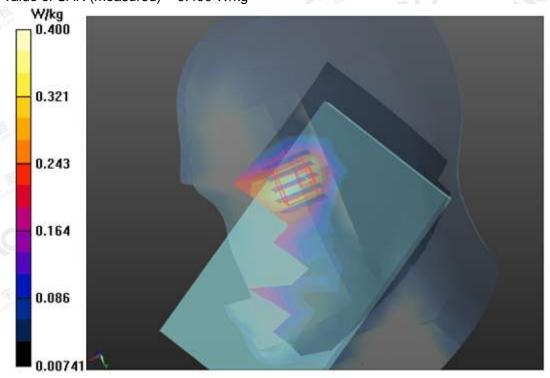
**RIGHT HEAD/R-C-H/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.345 W/kg

RIGHT HEAD/R-C-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.033 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.175 W/kg Maximum value of SAR (measured) = 0.400 W/kg



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Date: Aug. 12,2016

Test Laboratory: AGC Lab
DCS 1800 Mid-Tilt-Right <SIM 1>
DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

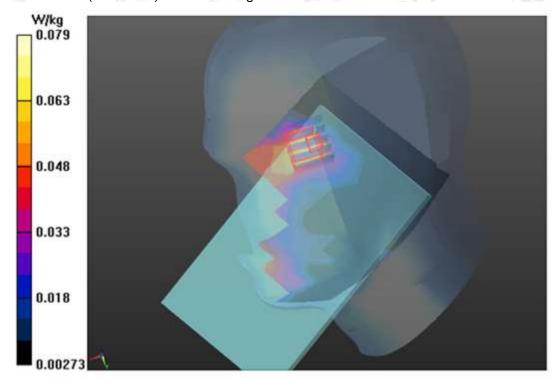
**RIGHT HEAD/R-T/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0745 W/kg

RIGHT HEAD/R-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.885 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.043 W/kg Maximum value of SAR (measured) = 0.0786 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

DCS 1800 Mid-Touch-Right <SIM 2> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

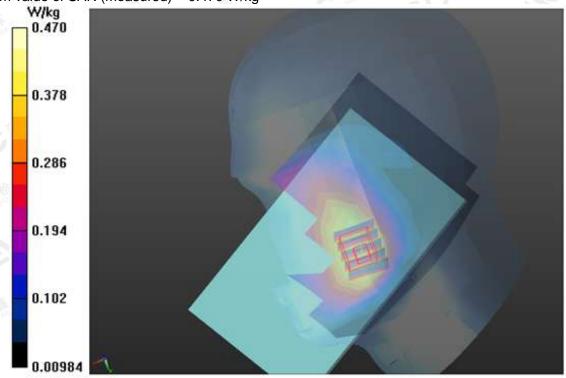
RIGHT HEAD/R-C 2/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.414 W/kg

RIGHT HEAD/R-C 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.599 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.202 W/kgMaximum value of SAR (measured) = 0.470 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

DCS 1800 Mid-Body- Back (MS) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: Generic GSM; Communication System Band: DCS 1800; Duty Cycle: 1:8.3;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

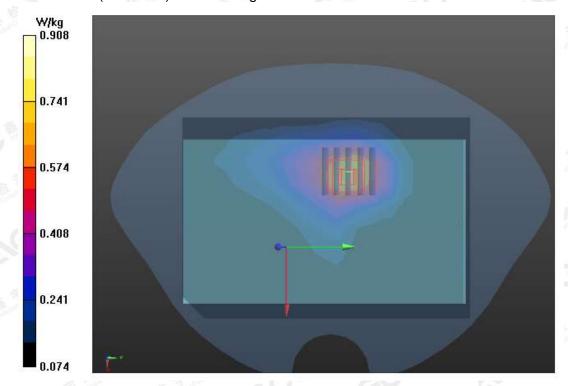
Maximum value of SAR (measured) = 0.710 W/kg

BODY/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.133 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.456 W/kg Maximum value of SAR (measured) = 0.908 W/kg



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Date: Aug. 12,2016

Test Laboratory: AGC Lab

GPRS 1800 Mid-Body- Back (2up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-2 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:4.2;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/2ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

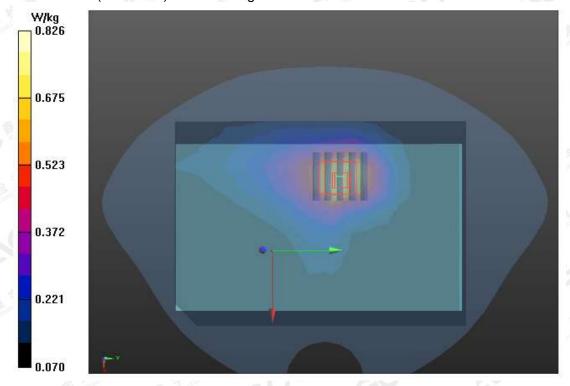
Maximum value of SAR (measured) = 0.712 W/kg

BODY/2ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.287 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.420 W/kg Maximum value of SAR (measured) = 0.826 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

GPRS 1800 Mid-Body- Back (3up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-3 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.8;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

# DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/3ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

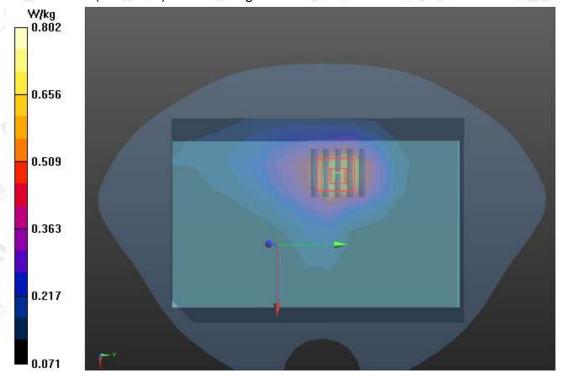
Maximum value of SAR (measured) = 0.677 W/kg

BODY/3ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.931 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.405 W/kgMaximum value of SAR (measured) = 0.802 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

GPRS 1800 Mid-Body- Back (4up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

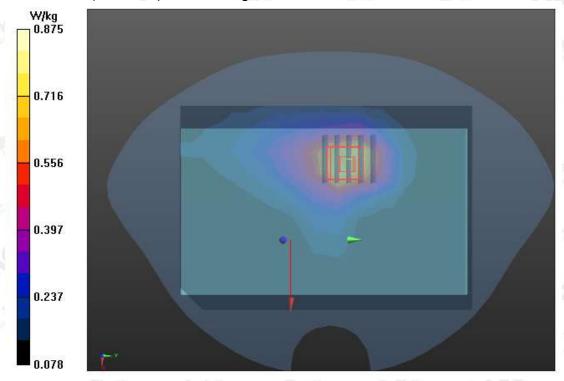
Maximum value of SAR (measured) = 0.771 W/kg

BODY/4ST/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.554 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.460 W/kg Maximum value of SAR (measured) = 0.875 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

GPRS 1800 Mid-Body- Front (4up) <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.9, Liquid temperature ( $^{\circ}$ ): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-FRONT/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.750 W/kg

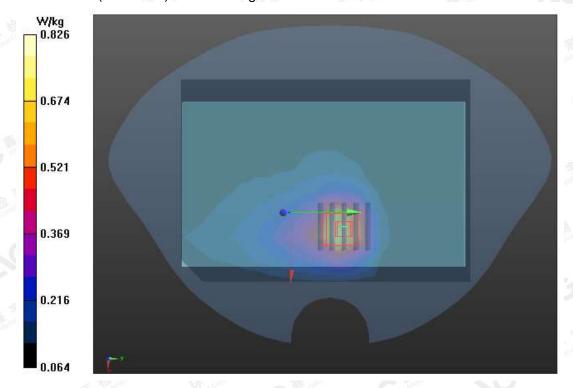
BODY/4ST-FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.540 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.826 W/kg



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Date: Aug. 12,2016

Test Laboratory: AGC Lab

GPRS 1800 Mid-Body- Back (4up) -with earphone <SIM 1>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.23$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.9, Liquid temperature ( $^{\circ}$ ): 21.1

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-EARPHONE/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

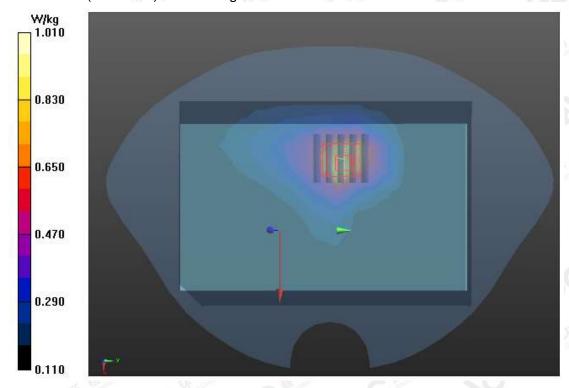
Maximum value of SAR (measured) = 0.896 W/kg

BODY/4ST-EARPHONE/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.718 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.491 W/kg Maximum value of SAR (measured) = 1.01 W/kg



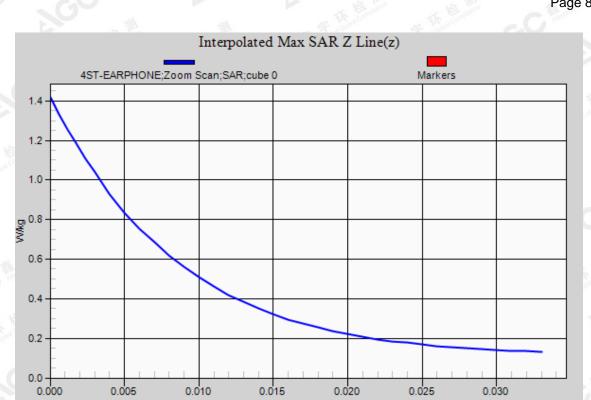
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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

GPRS 1800 Mid- Edge 3 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-Edge 3/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm

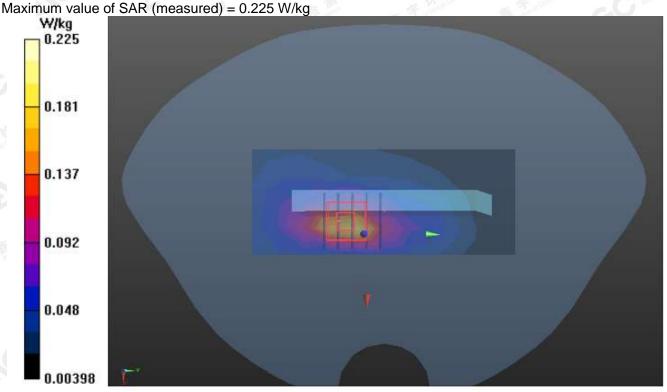
Maximum value of SAR (measured) = 0.191 W/kg

BODY/4ST-Edge 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.853 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.113 W/kg



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Date: Aug. 12,2016

**Test Laboratory: AGC Lab** 

GPRS 1800 Mid- Edge 2 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 21.9, Liquid temperature ( $^{\circ}$ ): 21.1

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-Edge 2/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm

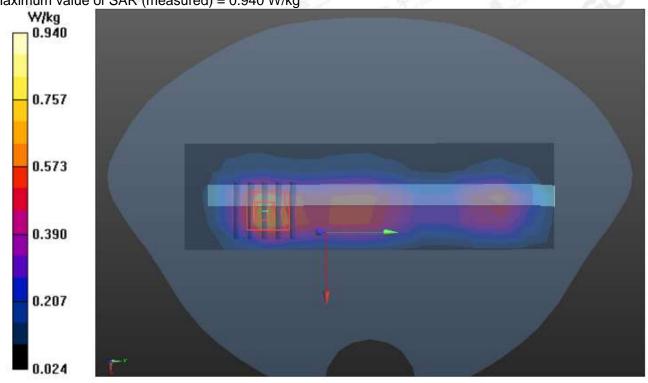
Maximum value of SAR (measured) = 0.729 W/kg

BODY/4ST-Edge 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.978 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.388 W/kg Maximum value of SAR (measured) = 0.940 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 12,2016

Test Laboratory: AGC Lab

GPRS 1800 Mid- Edge 4 (4up) <SIM 1> DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-Edge 4/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm

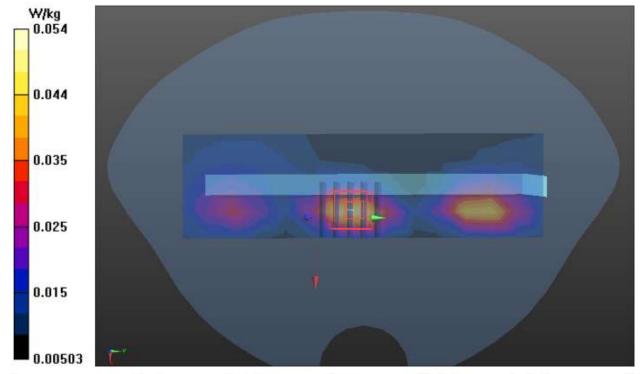
Maximum value of SAR (measured) = 0.0535 W/kg

BODY/4ST-Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.395 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.033 W/kg Maximum value of SAR (measured) = 0.0542 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Test Laboratory: AGC Lab Date: Aug. 12,2016

GPRS 1800 Mid-Body- Back (4up) –with earphone <SIM 2>

DUT: Tablet PC; Type: Pluri B7

Communication System: GPRS-4 Slot; Communication System Band: DCS 1800; Duty Cycle: 1:2.1;

Frequency: 1747.4 MHz; Medium parameters used: f = 1800 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.23$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 21.9, Liquid temperature ( $^{\circ}$ C): 21.1

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.28, 5.28, 5.28); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4ST-EARPHONE 2/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

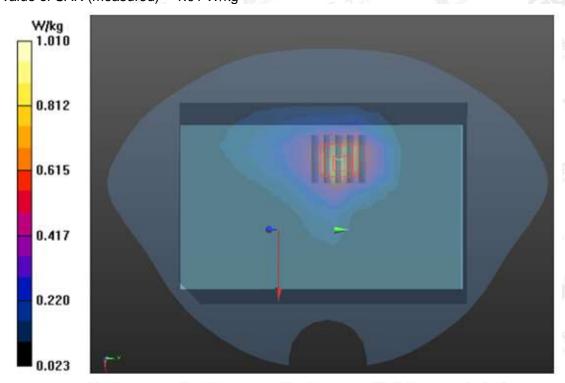
Maximum value of SAR (measured) = 0.902 W/kg

BODY/4ST-EARPHONE 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.587 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.486 W/kg Maximum value of SAR (measured) = 1.01 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Low-Touch-Left (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle: 1:1; ;

Frequency: 1922.4MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

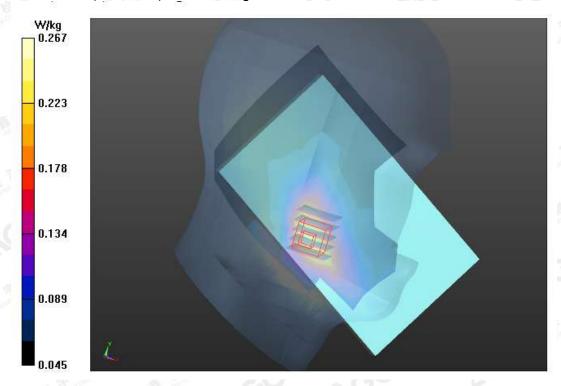
**LEFT HEAD/L-C-L/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.256 W/kg

LEFT HEAD/L-C-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.863 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.158 W/kg Maximum value of SAR (measured) = 0.267 W/kg



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No.16 E



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid-Touch-Left (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle: 1:1; Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

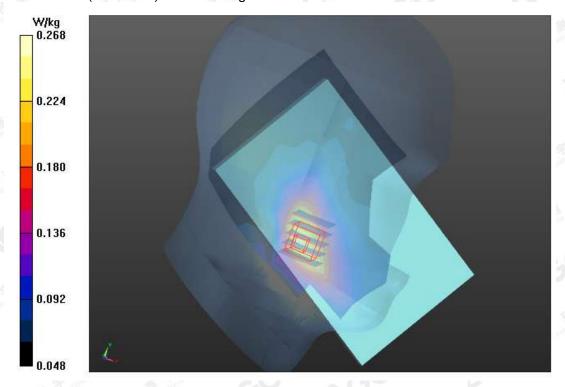
LEFT HEAD/L-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.261 W/kg

LEFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.088 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.164 W/kgMaximum value of SAR (measured) = 0.268 W/kg



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Date: Aug. 10,2016

Test Laboratory: AGC Lab

WCDMA Band I High-Touch-Left (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle: 1:1; ;

Frequency: 1977.6MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-C-H/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.306 W/kg

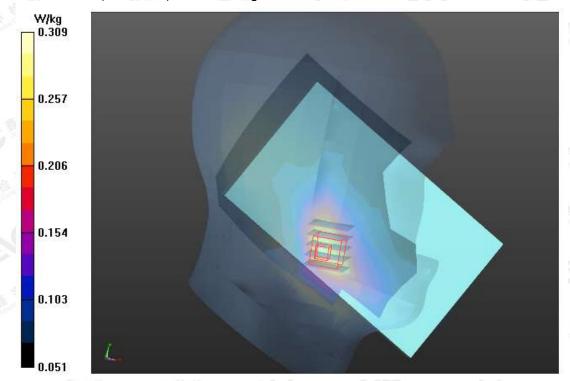
LEFT HEAD/L-C-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.332 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



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Date: Aug. 10,2016

Test Laboratory: AGC Lab

WCDMA Band I Mid-Tilt-Left (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-T/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

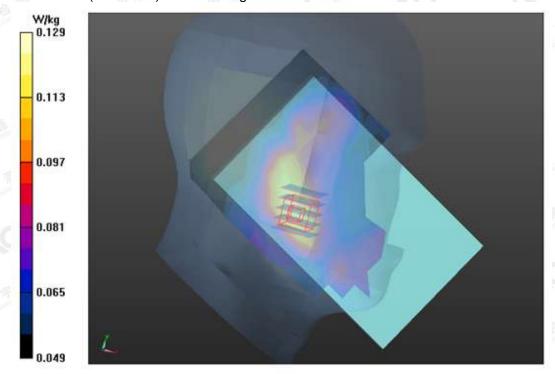
Maximum value of SAR (measured) = 0.126 W/kg

LEFT HEAD/L-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.777 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.089 W/kg Maximum value of SAR (measured) = 0.129 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid-Touch-Right (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

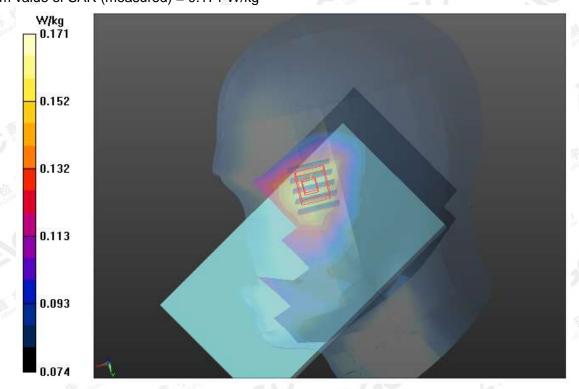
RIGHT HEAD/R-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.168 W/kg

RIGHT HEAD/R-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.761 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.124 W/kgMaximum value of SAR (measured) = 0.171 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid-Tilt-Right < RMC> DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f =1900 MHz;  $\sigma$ = 1.39 mho/m;  $\epsilon$ r =39.61;  $\rho$ = 1000 kg/m³

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-T/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.156 W/kg

RIGHT HEAD/R-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.383 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.115 W/kgMaximum value of SAR (measured) = 0.159 W/kg



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Date: Aug. 10,2016

Test Laboratory: AGC Lab

WCDMA Band I Low-Body-Towards Grounds (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1922.4MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/1-L/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

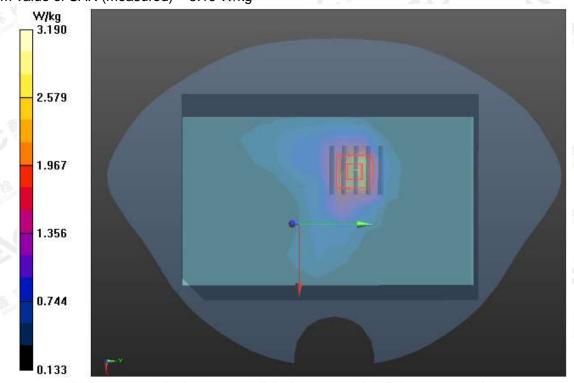
Maximum value of SAR (measured) = 3.01 W/kg

BODY/1-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.494 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.09 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.29 W/kg Maximum value of SAR (measured) = 3.19 W/kg

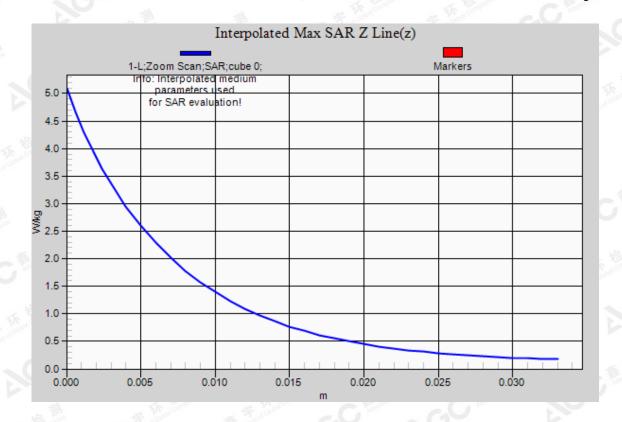


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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid-Body-Towards Grounds (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/1/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

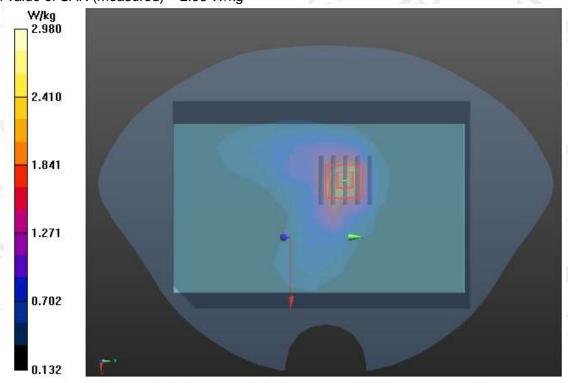
Maximum value of SAR (measured) = 2.76 W/kg

BODY/1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.051 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.65 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.24 W/kgMaximum value of SAR (measured) = 2.98 W/kg



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Date: Aug. 10,2016

Test Laboratory: AGC Lab

WCDMA Band I High-Body-Towards Grounds (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1977.6MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/1-H/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

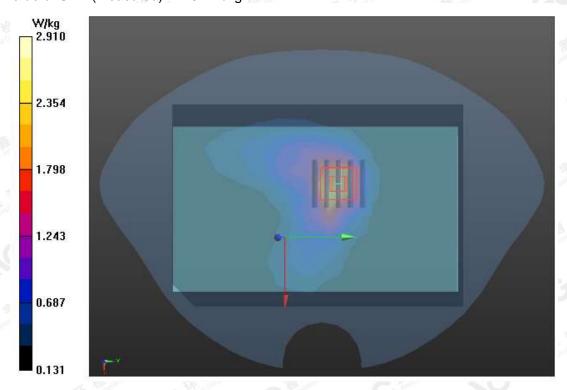
Maximum value of SAR (measured) = 2.69 W/kg

BODY/1-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.270 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.47 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.2 W/kg Maximum value of SAR (measured) = 2.91 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid- Body- Towards Phantom (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/2/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

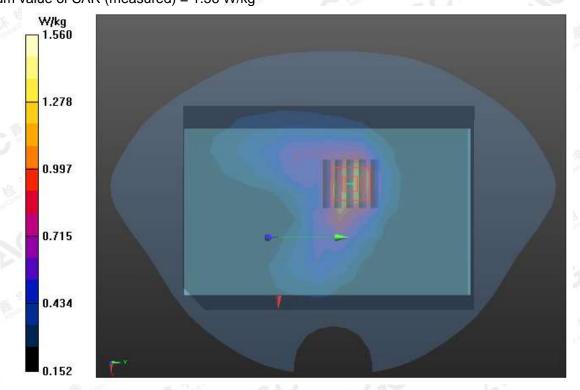
Maximum value of SAR (measured) = 1.27 W/kg

BODY/2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.871 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.727 W/kgMaximum value of SAR (measured) = 1.56 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid- Body- Towards Grounds (HSPA)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/3/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

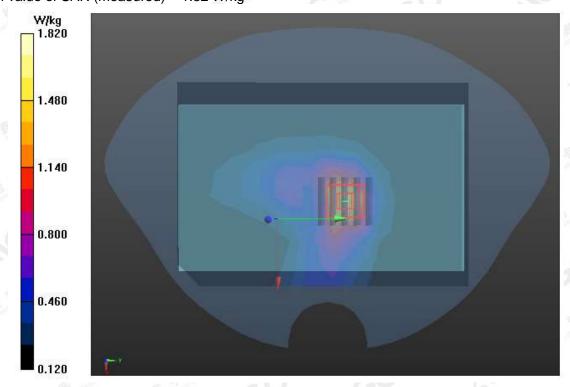
Maximum value of SAR (measured) = 1.43 W/kg

BODY/3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.010 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 1.5 W/kg; SAR(10 g) = 0.825 W/kgMaximum value of SAR (measured) = 1.82 W/kg



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Test Laboratory: AGC Lab Date: Aug. 10,2016

WCDMA Band I Low-Body-Towards Grounds (RMC) - with earphone

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1922.4MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4-L/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

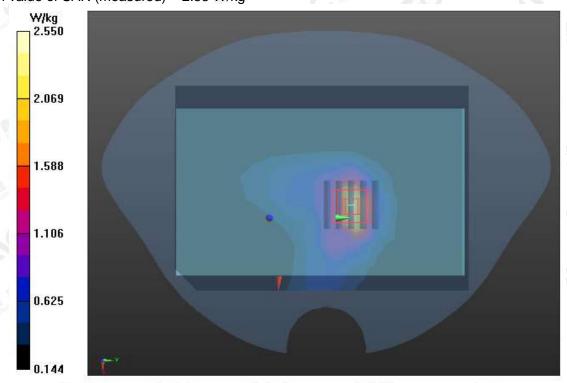
Maximum value of SAR (measured) = 2.44 W/kg

BODY/4-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.221 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.13 W/kg Maximum value of SAR (measured) = 2.55 W/kg



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Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



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Test Laboratory: AGC Lab Date: Aug. 10,2016

WCDMA Band I Mid-Body-Towards Grounds (RMC) - with earphone

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/4/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

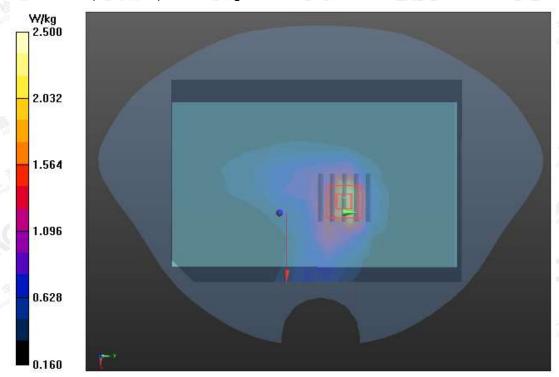
Maximum value of SAR (measured) = 2.22 W/kg

BODY/4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.504 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.84 W/kg

**SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.1 W/kg**Maximum value of SAR (measured) = 2.50 W/kg



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**Test Laboratory: AGC Lab** Date: Aug. 10,2016

WCDMA Band I High-Body-Towards Grounds (RMC) - with earphone

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1977.6MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature (°C):21.5, Liquid temperature (°C):20.6

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

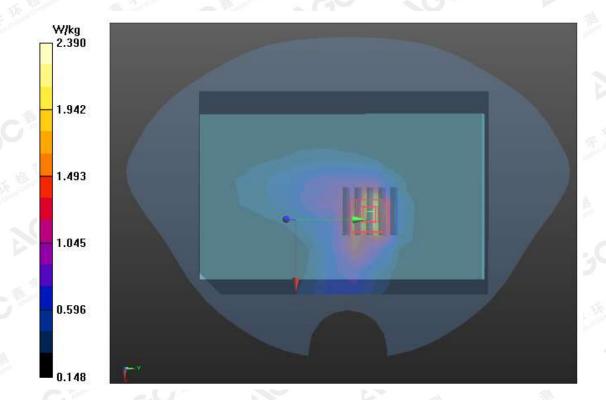
BODY/4-H/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 2.04 W/kg

BODY/4-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mr

Reference Value = 26.497 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.07 W/kgMaximum value of SAR (measured) = 2.39 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid- Edge 3(RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):21.5, Liquid temperature ( $^{\circ}$ C):20.6

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/Edge 3/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm

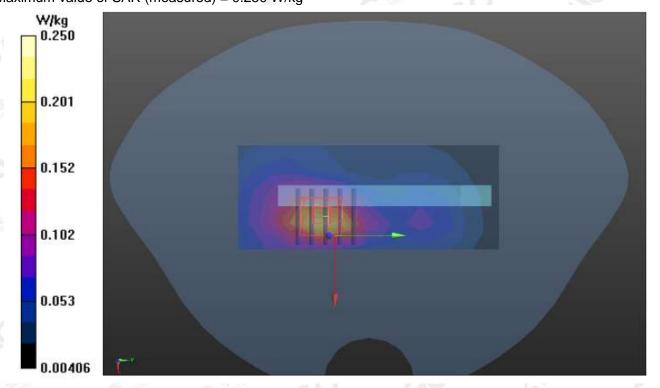
Maximum value of SAR (measured) = 0.220 W/kg

BODY/Edge 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.363 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.109 W/kgMaximum value of SAR (measured) = 0.250 W/kg



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Date: Aug. 10,2016

**Test Laboratory: AGC Lab** 

WCDMA Band I Mid- Edge 2(RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/Edge 2/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm

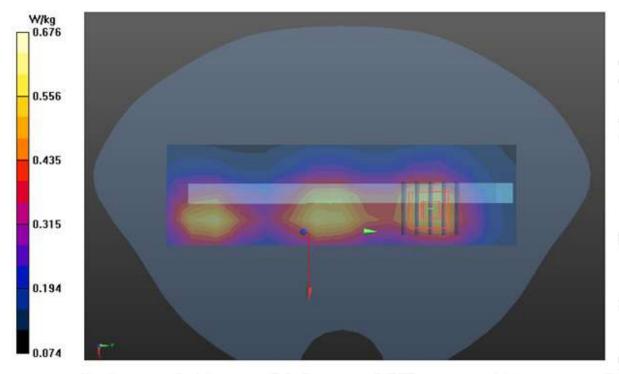
Maximum value of SAR (measured) = 0.651 W/kg

BODY/Edge 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.368 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.342 W/kgMaximum value of SAR (measured) = 0.676 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 10,2016

Test Laboratory: AGC Lab

WCDMA Band I Mid- Edge 4(RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: Band I UTRA/FDD; Duty Cycle:1:1;

Frequency: 1950MHz; Medium parameters used: f = 1900 MHz;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon r = 39.61$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ):21.5, Liquid temperature ( $^{\circ}$ ):20.6

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(5.23, 5.23, 5.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/Edge 4/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm

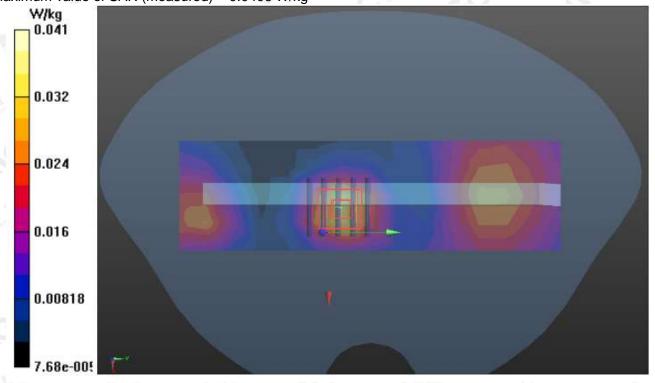
Maximum value of SAR (measured) = 0.0340 W/kg

BODY/Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.698 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.019 W/kg Maximum value of SAR (measured) = 0.0406 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

WCDMA Band VIII Low-Touch-Left (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 882.4 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-C-L/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

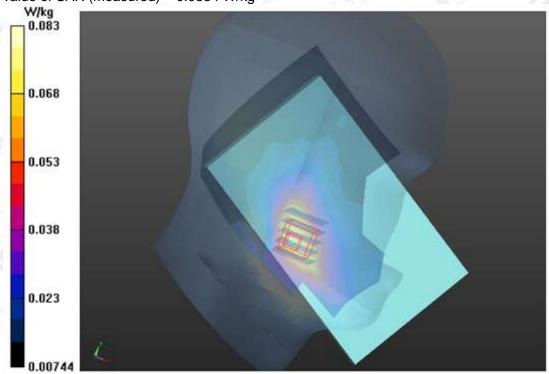
Maximum value of SAR (measured) = 0.0828 W/kg

LEFT HEAD/L-C-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.758 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.051 W/kgMaximum value of SAR (measured) = 0.0834 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid-Touch-Left (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

# **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

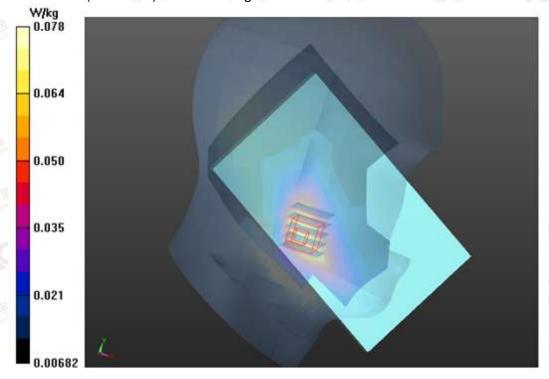
Maximum value of SAR (measured) = 0.0800 W/kg

LEFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.796 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.048 W/kg Maximum value of SAR (measured) = 0.0783 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

WCDMA Band VIII High-Touch-Left (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 912.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**LEFT HEAD/L-C-H/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm

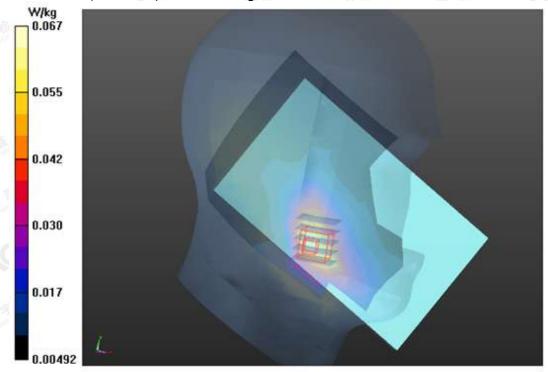
Maximum value of SAR (measured) = 0.0692 W/kg

LEFT HEAD/L-C-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.013 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.040 W/kg Maximum value of SAR (measured) = 0.0670 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

WCDMA Band VIII Mid- Tilt-Left (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

# DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

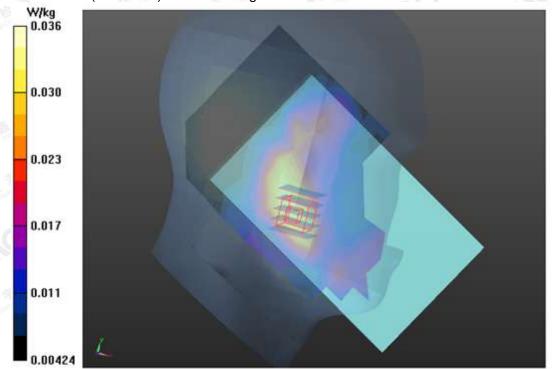
LEFT HEAD/L-T/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0365 W/kg

LEFT HEAD/L-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.267 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.023 W/kgMaximum value of SAR (measured) = 0.0361 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

WCDMA Band VIII Mid- Touch-Right (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6MHz;; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

# DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

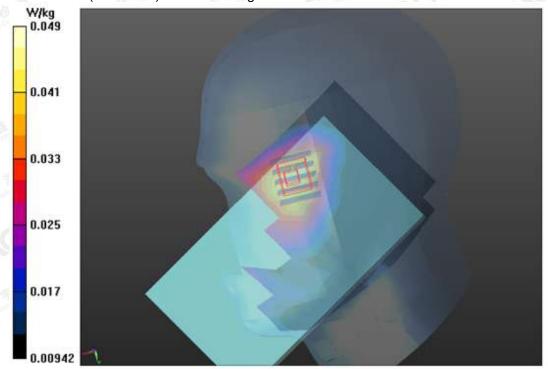
RIGHT HEAD/R-C/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0481 W/kg

RIGHT HEAD/R-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.601 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.033 W/kgMaximum value of SAR (measured) = 0.0490 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid-Tilt-Right (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

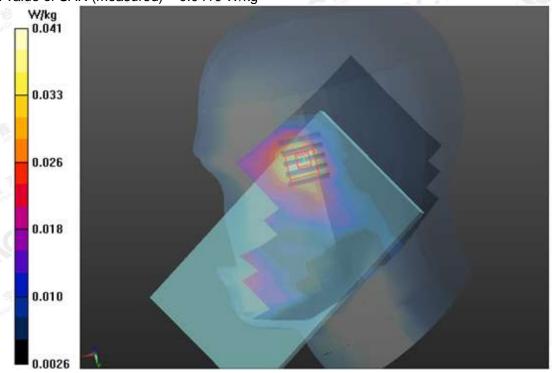
**RIGHT HEAD/R-T/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0256 W/kg

RIGHT HEAD/R-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.913 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.017 W/kg Maximum value of SAR (measured) = 0.0410 W/kg



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Date: Aug. 11,2016

**Test Laboratory: AGC Lab** 

WCDMA Band VIII Mid-Body-Towards Grounds (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## DASY Configuration:

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/1/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

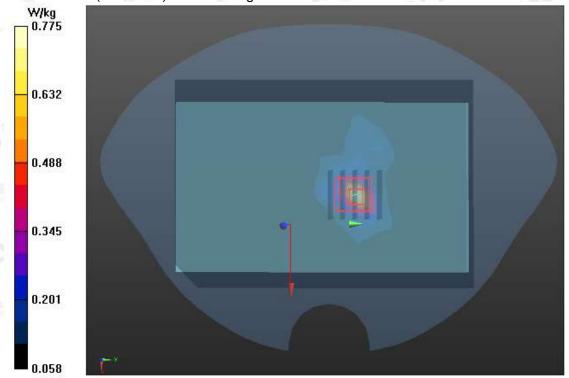
Maximum value of SAR (measured) = 0.780 W/kg

BODY/1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.929 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.242 W/kgMaximum value of SAR (measured) = 0.775 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid-Body-Towards Phantom (RMC)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/2/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

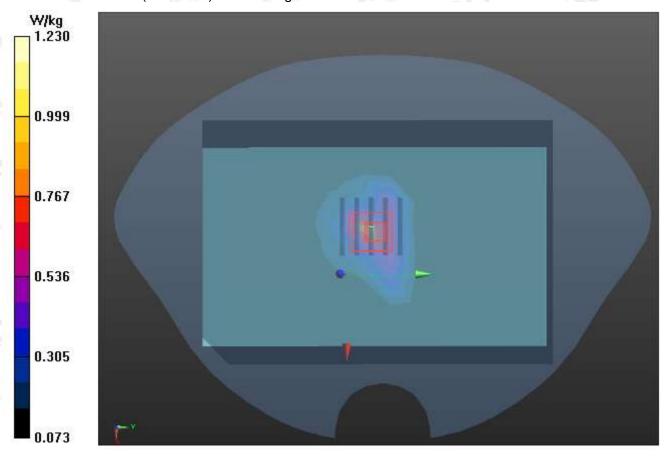
Maximum value of SAR (measured) = 0.857 W/kg

BODY/2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.679 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.84 W/kg

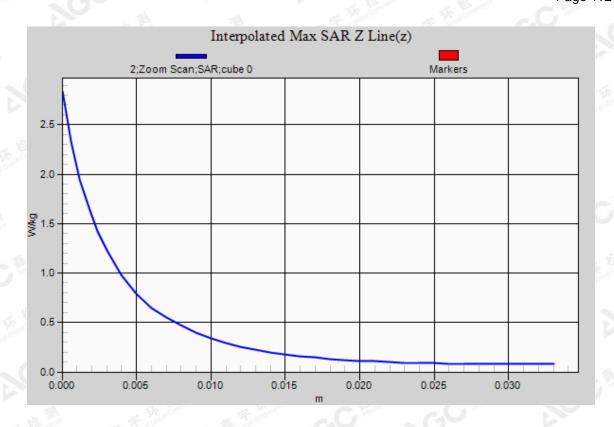
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.372 W/kg Maximum value of SAR (measured) = 1.23 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid-Body-Towards Ground (HSPA)

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ ;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/3/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

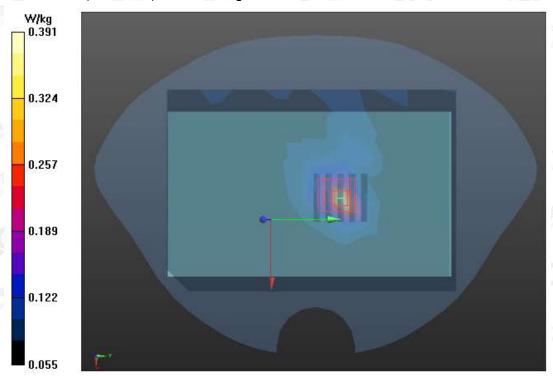
Maximum value of SAR (measured) = 0.370 W/kg

BODY/3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.409 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.154 W/kg Maximum value of SAR (measured) = 0.391 W/kg



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**Test Laboratory: AGC Lab** Date: Aug. 11,2016

WCDMA Band VIII Mid- Body- Towards Phantom (RMC) - with earphone

DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon r = 41.28$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

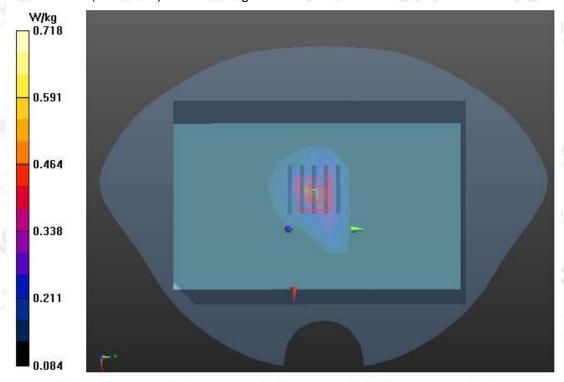
BODY/4/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.686 W/kg

BODY/4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.987 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.254 W/kgMaximum value of SAR (measured) = 0.718 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid- Edge 3 (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C): 22.8, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/Edge 3/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

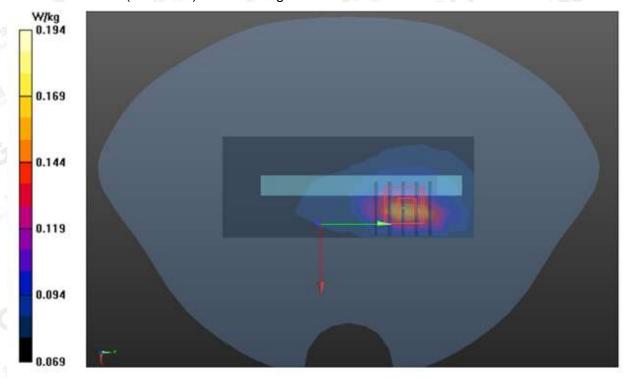
Maximum value of SAR (measured) = 0.177 W/kg

BODY/Edge 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.962 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.112 W/kg Maximum value of SAR (measured) = 0.194 W/kg



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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid- Edge 2 (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

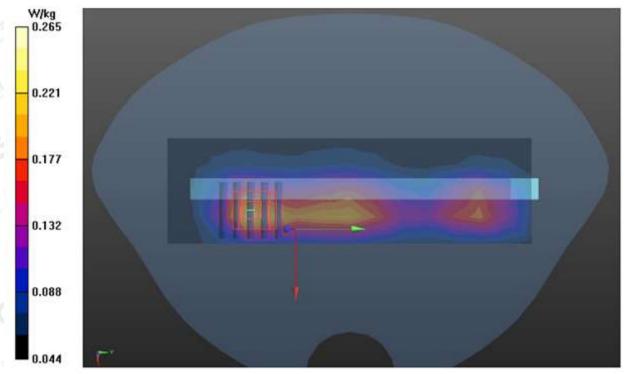
**BODY/Edge 2/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.261 W/kg

BODY/Edge 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.258 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.151 W/kg Maximum value of SAR (measured) = 0.265 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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Date: Aug. 11,2016

Test Laboratory: AGC Lab

WCDMA Band VIII Mid- Edge 4 (RMC) DUT: Tablet PC; Type: Pluri B7

Communication System: UMTS; Communication System Band: BAND VIII UTRA/FDD; Duty Cycle:1:1; Frequency: 897.6 MHz; Medium parameters used: f = 900 MHz;  $\sigma = 0.94$  mho/m;  $\epsilon r = 41.28$ ;  $\rho = 1000$  kg/m³;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ ): 22.8, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(6.23, 6.23, 6.23); Calibrated:10/01/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

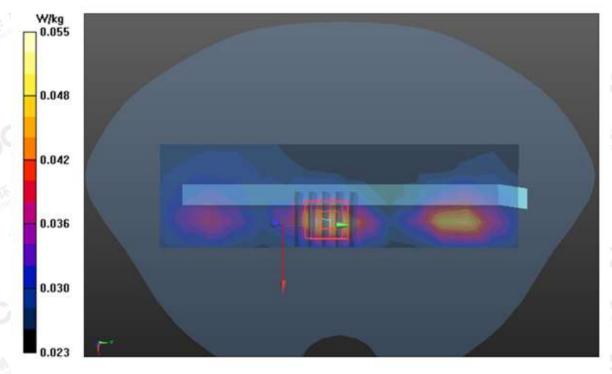
**BODY/Edge 4/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0533 W/kg

BODY/Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.842 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.037 W/kg Maximum value of SAR (measured) = 0.0548 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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**WIFI MODE** 

Test Laboratory: AGC Lab

Date: Aug. 13,2016
802.11b Mid-Touch-Left

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m³;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015

- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-C/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

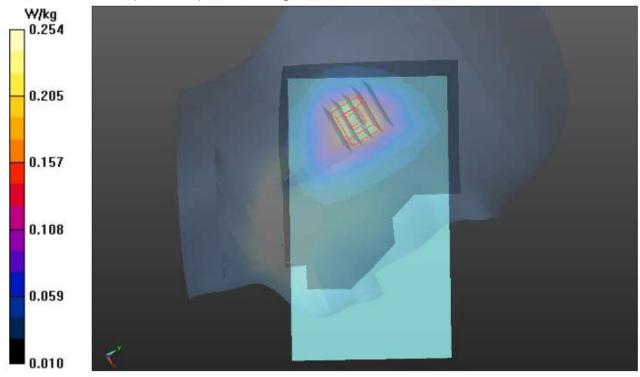
Maximum value of SAR (measured) = 0.222 W/kg

LEFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.624 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.110 W/kg Maximum value of SAR (measured) = 0.254 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab 802.11b Mid -Tilt-Left

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m³;

Phantom section: Left Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

LEFT HEAD/L-T/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

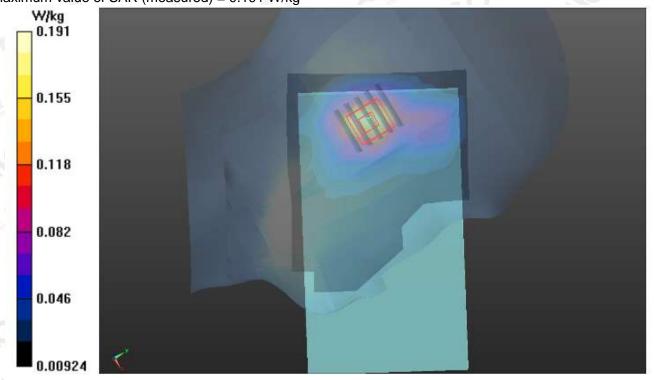
Maximum value of SAR (measured) = 0.182 W/kg

LEFT HEAD/L-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.331 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.087 W/kg Maximum value of SAR (measured) = 0.191 W/kg



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Date: Aug. 13,2016

**Test Laboratory: AGC Lab** 802.11b Low-Touch-Right

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2412 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon r = 40.02$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ):22.6, Liquid temperature ( $^{\circ}$ ): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C-L/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

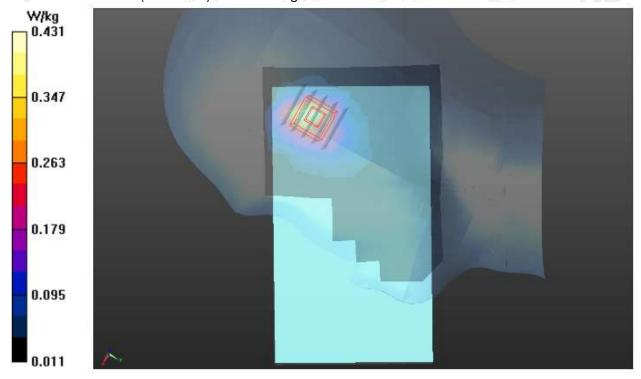
Maximum value of SAR (measured) = 0.438 W/kg

RIGHT HEAD/R-C-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.366 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.184 W/kgMaximum value of SAR (measured) = 0.431 W/kg



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@ 400 089 2118

Date: Aug. 13,2016

Test Laboratory: AGC Lab 802.11b Mid- Touch-Right

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-C/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.557 W/kg

RIGHT HEAD/R-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.128 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



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Test Laboratory: AGC Lab

802.11b High- Touch-Right

Date: Aug. 13,2016

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2472 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m³;

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

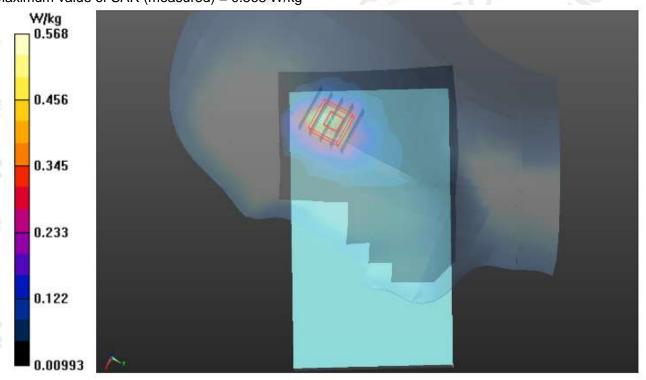
**RIGHT HEAD/R-C-H/Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.544 W/kg

RIGHT HEAD/R-C-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.412 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.235 W/kg Maximum value of SAR (measured) = 0.568 W/kg



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Date: Aug. 13,2016

**Test Laboratory: AGC Lab** 802.11b Mid-Tilt-Right

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon r = 40.02$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient temperature ( $^{\circ}$ ):22.6, Liquid temperature ( $^{\circ}$ ): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

RIGHT HEAD/R-T/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

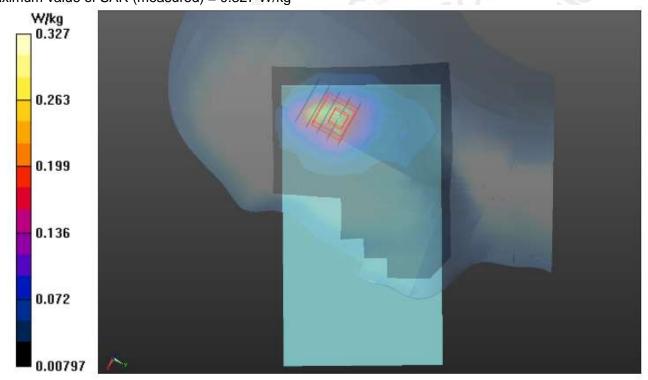
Maximum value of SAR (measured) = 0.277 W/kg

RIGHT HEAD/R-T/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.914 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.128 W/kgMaximum value of SAR (measured) = 0.327 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab

802.11b Mid-Body-Worn- Back (DTS) DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/BACK/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.43 W/kg

BODY/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.056 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.383 W/kg Maximum value of SAR (measured) = 1.33 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab

802.11b Mid-Body- Worn- Front (DTS) DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

## **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

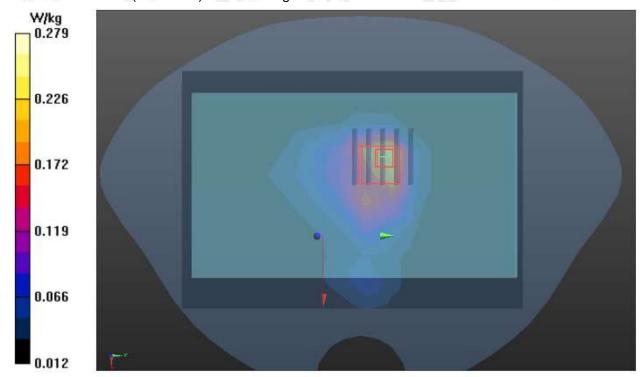
**BODY/FRONT/Area Scan (10x14x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.241 W/kg

BODY/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.165 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.108 W/kg Maximum value of SAR (measured) = 0.279 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab

802.11b Mid-Body- Worn- Back (DTS) -with earphone

DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/EARPHONE/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

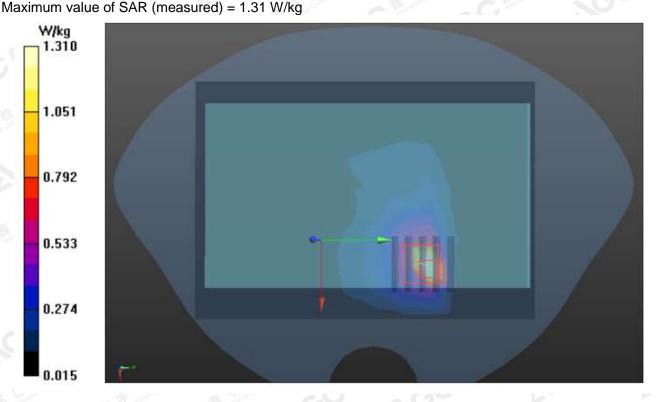
Maximum value of SAR (measured) = 1.57 W/kg

BODY/EARPHONE/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.593 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.50 W/kg

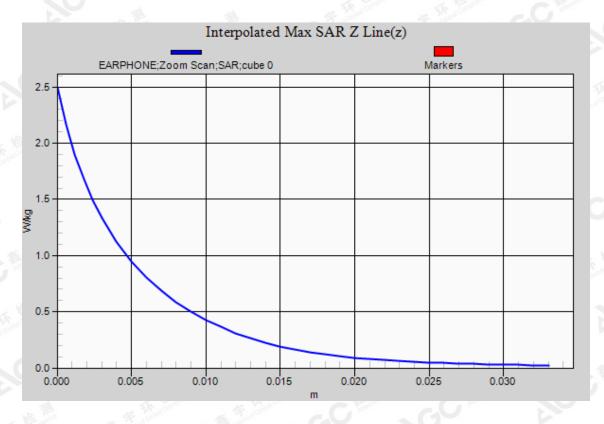
SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.402 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab 802.11b Mid- Edge 1 (DTS) DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

BODY/Edge 1/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm

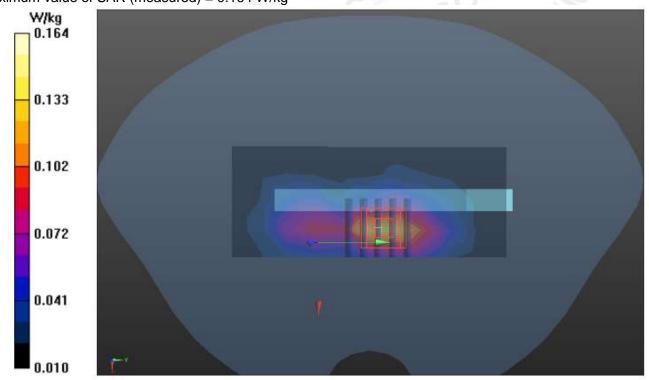
Maximum value of SAR (measured) = 0.144 W/kg

BODY/Edge 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.195 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.067 W/kg Maximum value of SAR (measured) = 0.164 W/kg



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Date: Aug. 13,2016

Test Laboratory: AGC Lab 802.11b Mid- Edge 4 (DTS) DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81$  mho/m;  $\epsilon r = 40.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

Probe: ES3DV3 – SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015

• Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0

• Electronics: DAE4 Sn1398; Calibrated: 02/02/2016

• Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;

• DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

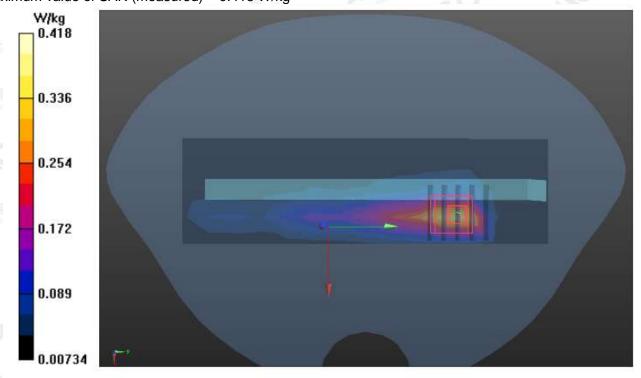
**BODY/Edge 4/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.361 W/kg

BODY/Edge 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.981 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.136 W/kg Maximum value of SAR (measured) = 0.418 W/kg



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**Test Laboratory: AGC Lab** Date: Aug. 13,2016

802.11b Mid- Edge 2 (DTS) DUT: Tablet PC; Type: Pluri B7

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;

Frequency: 2442 MHz; Medium parameters used: f = 2450 MHz;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon r = 40.02$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature ( $^{\circ}$ C):22.6, Liquid temperature ( $^{\circ}$ C): 21.9

#### **DASY Configuration:**

- Probe: ES3DV3 SN3337; ConvF(4.66, 4.66, 4.66); Calibrated:10/01/2015
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1398; Calibrated: 02/02/2016
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

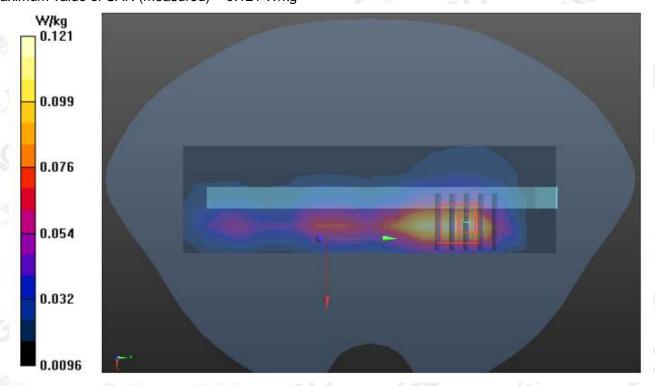
BODY/Edge 2/Area Scan (5x15x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.119 W/kg

BODY/Edge 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.066 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.054 W/kgMaximum value of SAR (measured) = 0.121 W/kg



The second hotspot is within 2dB, but the first hotspot is outside the 2dB of the SAR compliance limit.

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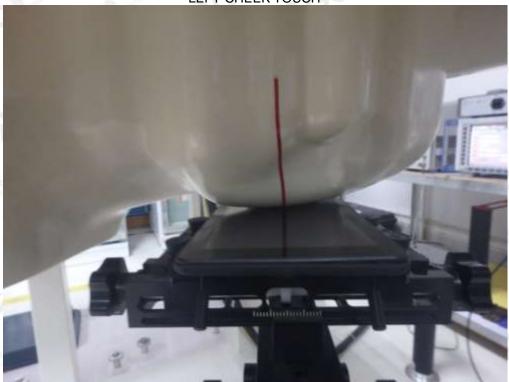
@ 400 089 2118



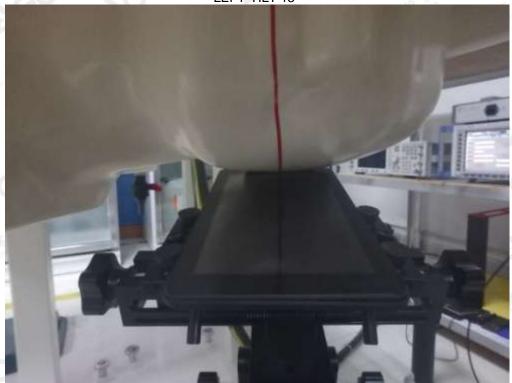
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# **APPENDIX C. TEST SETUP PHOTOGRAPHS**

LEFT-CHEEK TOUCH



LEFT-TILT 15<sup>0</sup>



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#### RIGHT-CHEEK TOUCH



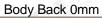
RIGHT-TILT 15<sup>0</sup>



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Body Front 0mm



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Body back with Headset



Body front with Headset



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Edge 2



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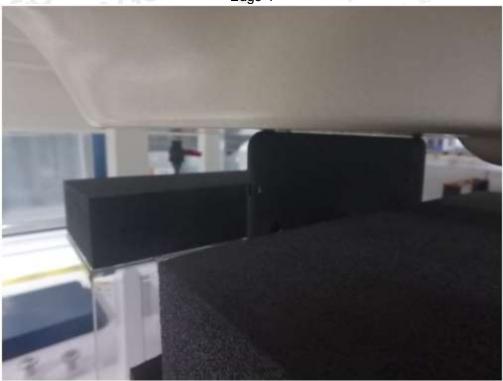


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Edge 3



Edge 4



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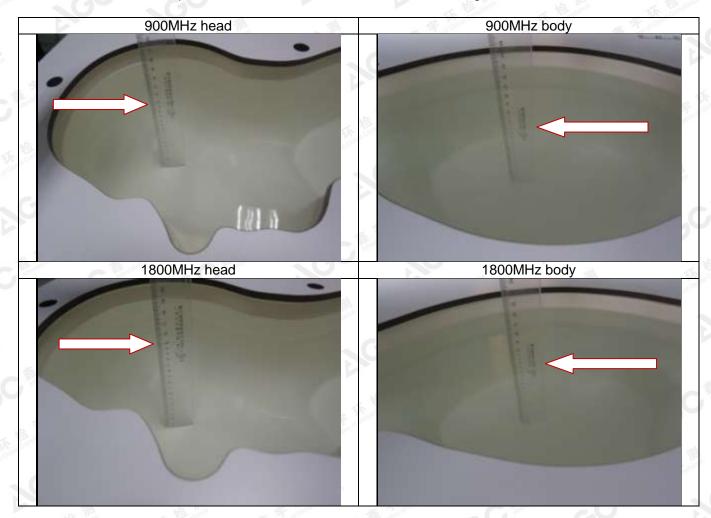
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#### DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

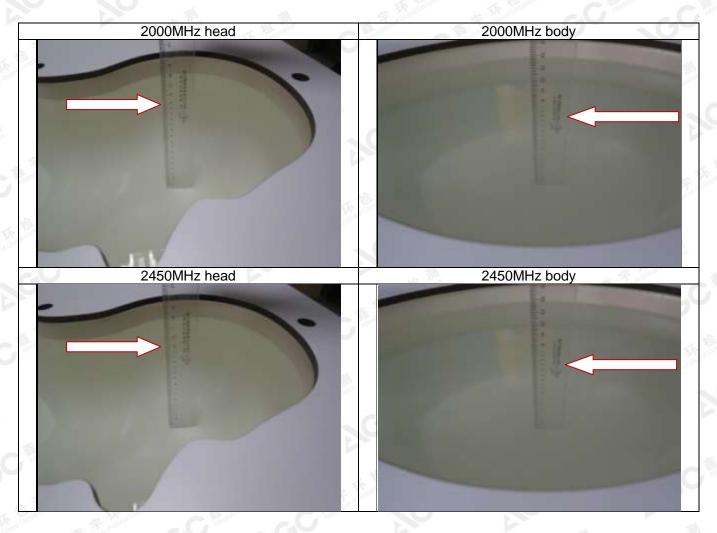
Note: The position used in the measurement were according to IEC/EN62209-1/2



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# **APPENDIX D. CALIBRATION DATA**

Refer to Attached files.

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