

Annex 1 of the “NOTIFIED BODY STATEMENT OF OPINION”

Opinion Number: B1603224

Date: 2016-03-31

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Product Characteristics

Model Number:	ZUN X		
Transmitter Frequency:	EGSM900: 880-915 MHz; DCS1800: 1710-1785 MHz WCDMA: 1920-1980 MHz (Band 1), 880-915 MHz (Band 8) LTE: 1710-1785 MHz (Band 3), 2500-2570 MHz (Band 7), 832-862 MHz (Band 20), 2570-2620 MHz (Band 38) Bluetooth: 2402-2480 MHz Wi-Fi: 2412-2472 MHz/2422-2462 MHz		
Receiver Frequency:	EGSM900: 925-960 MHz; DCS1800: 1805-1880 MHz WCDMA: 2110-2170 MHz (Band 1), 925-960 MHz (Band 8) LTE: 1805-1880 MHz (Band 3), 2620-2690 MHz (Band 7), 791-821 MHz (Band 20), 2570-2620 MHz Bluetooth: 2402-2480 MHz Wi-Fi: 2412-2472 MHz/2422-2462 MHz GPS: 1575.42 MHz		
RF-Output Power (E.I.R.P):	GSM/GPRS: 33 dBm (EGSM900), 30 dBm (DCS1800) EDGE: 27 dBm (EGSM900), 27 dBm (DCS1800) WCDMA: 23 dBm (Band 1 & 8) LTE: 23 dBm (Band 3, 7, 20, 38) Bluetooth: 6.58 dBm Bluetooth LE: 2.85 dBm Wi-Fi: 8.63 dBm (802.11b), 8.32 dBm (802.11g), 8.34 dBm (802.11n20), 8.51 dBm (802.11n40)		
Type of Modulation:	GSM/GPRS: GMSK EDGE: 8PSK WCDMA: BPSK, QPSK, 16QAM, 64QAM LTE: BPSK, QPSK, 16QAM, 64QAM Bluetooth: GFSK, $\pi/4$ -DQPSK, 8DPSK Wi-Fi: DSSS, OFDM GPS: BPSK		
Antennae information:	Antennae Name	Model(s)/Type(s)	
	RF Antenna Assembly	Model/Part Number:	M01A
		Manufacturer:	Kunshan Innwave Communication Technology Co., Ltd.
		Frequency Range:	2G/3G/4G: 791-2690 MHz BT/Wi-Fi: 2.4-2.5 GHz; GPS: 1575.42±10 MHz
		Connector Type/ Maximum Gain:	2G/3G/4G: 0.05 dBi (B1), 0.06 dBi (B3), 0.08 dBi (B7), -2.7 dBi (B8), -2.2 dBi (B20) BT/Wi-Fi: 1.0 dBi, GPS: 1.7 dBi
		Antenna Type/ Pattern:	FPC
Measurement:	BT/Wi-Fi/GPS: 21.0*12.0*0.4mm 2G/3G/4G Main: 65.0*14.0*0.5mm LTE Div.: 27.0*9.0*0.4mm		

Conformity Details

Evaluated Test Reports	
Requirement	Standard, Test Report Number, Date & Laboratory
Radio Spectrum	ETSI EN 300 328 V1.9.1 (2015-02) Test Report RSZ160302004-22AA1, RSZ160302004-22BA1, RSZ160302004-22CA1 issued on 2016-03-17 by BAACL, Shenzhen (China) ETSI EN 300 440-1 V1.6.1 (2010-08), ETSI EN 300 440-2 V1.4.1 (2010-08) Test Report RSZ160302004-22DA1 issued on 2016-03-17 by BAACL, Shenzhen (China) ETSI EN 301 908-1 V7.1.1 (2015-03), ETSI EN 301 908-2 V6.2.1 (2013-10) Test Report RSZ160302004-22EA1 issued on 2016-03-17 by BAACL, Shenzhen (China) ETSI EN 301 908-1 V7.1.1 (2015-03), ETSI EN 301 908-13 V6.2.1 (2013-10) Test Report RSZ160302004-22FA1 issued on 2016-03-17 by BAACL, Shenzhen (China) ETSI EN 301 511 V9.0.2 (2003-03) Test Report RSZ160302004-11A1 issued on 2016-03-17 by BAACL, Shenzhen (China)
EMC	ETSI EN 301 489-1 V1.9.2 (2011-09), ETSI EN 301 489-3 V1.6.1 (2013-08), ETSI EN 301 489-7 V1.3.1 (2005-11), ETSI EN 301 489-17 V2.2.1 (2012-09), ETSI EN 301 489-24 V1.5.1 (2010-10), ETSI EN 301 489-34 V1.4.1 (2013-05) Test Report RSZ160302004-02A1 issued on 2016-03-17 by BAACL, Shenzhen (China)
Safety	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013 Test Report RSZ160302004-03A1 issued on 2016-03-14 by BAACL, Shenzhen (China)
Health	EN 50360: 2001 + A1: 2012, EN 50566: 2013 Test Report RSZ160302004-20A1 issued on 2016-03-18 by BAACL, Shenzhen (China) EN 62479: 2010 Test Report RSZ160302004A1 issued on 2016-03-17 by BAACL, Shenzhen (China)

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