

# Annex 1 of the “NOTIFIED BODY STATEMENT OF OPINION”

**Opinion Number:** B16070614

**Date:** 2016-08-03

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## Product Characteristics

<b>Model Number:</b>	EC25-E, EC25-E MiniPCIe		
<b>Transmitter Frequency:</b>	EGSM900: 880-915 MHz DCS1800: 1710-1785 MHz WCDMA: 1920-1980MHz (Band 1), 880-915 MHz (Band 8) LTE: 1920-1980 MHz (Band 1), 1710-1785 MHz (Band 3) 2500-2570 MHz (Band 7), 880-915 MHz (Band 8), 832-862 MHz (Band 20) 2570-2620 MHz (Band 38), 2300-2400 MHz (Band 40)		
<b>Receiver Frequency:</b>	EGSM900: 925-960 MHz DCS1800: 1805-1880 MHz WCDMA: 2110-2170 MHz (Band 1), 925-960 MHz (Band 8) LTE: 2110-2170 MHz (Band 1), 1805-1880 MHz (Band 3) 2620-2690 MHz (Band 7), 925-960 MHz (Band 8), 791-821 MHz (Band 20) 2570-2620 MHz (Band 38), 2300-2400 MHz (Band 40) GPS: 1575.42 MHz; GLONASS: 1597.5-1605.8 MHz Galileo: 1575.42 ±1.023 MHz		
<b>RF-Output Power (E.I.R.P):</b>	EGSM900: 33 dBm (GMSK), 27 dBm (8PSK) DCS1800: 30 dBm (GMSK), 26 dBm (8PSK) WCDMA: 23 dBm (Band 1 & 8) LTE: 23 dBm (Band 1, 3, 7, 8, 20, 38 & 40)		
<b>Type of Modulation:</b>	GSM/DCS: GMSK; EDGE: 8PSK WCDMA: BPSK LTE: QPSK, 16QAM, 64QAM GNSS: BPSK		
<b>Antennae information:</b>	<b>Antennae Name</b>	<b>Model(s)/Type(s)</b>	
	RF Antenna Assembly	Model/Part Number:	N/A
		Manufacturer:	N/A
		Frequency Range:	N/A
		Connector Type/ Maximum Gain:	2G/3G/4G Main: 1 dBi GNSS: 1 dBi 4G Div: 1 dBi
		Antenna Type/ Pattern:	N/A
		Measurement:	N/A

**Conformity Details**

<b>Evaluated Test Reports</b>	
<b>Requirement</b>	<b>Standard, Test Report Number, Date &amp; Laboratory</b>
<b>Radio Spectrum</b>	ETSI EN 301 511 V9.0.2 (2003-03) Test Report RDG160519003-00E issued on 2016-06-23 by BACL Dongguan (China) ETSI EN 301 908-1 V7.1.1 (2015-03), ETSI EN 301 908-2 V7.1.1 (2015-12) Test Report RDG160519003-00B issued on 2016-06-23 by BACL Dongguan (China) ETSI EN 301 908-1 V7.1.1 (2015-03), ETSI EN 301 908-13 V7.1.1 (2015-12) Test Report RDG160519003-00I issued on 2016-06-23 by BACL Dongguan (China) ETSI EN 300 440-2 V1.4.1 (2010-08) Test Report RDG160519003-00H issued on 2016-06-23 by BACL Dongguan (China)
<b>EMC</b>	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 301 489-24 V1.5.1 (2010-10) Test Report RDG160519003-00D issued on 2016-06-23 by BACL Dongguan (China)
<b>Safety</b>	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013 Test Report R1SH160519003-S01 issued on 2016-06-13 by BACL Dongguan (China)
<b>Health</b>	EN 62311: 2008 Test Report RDG160519003-00K issued on 2016-06-23 by BACL Dongguan (China)

\*\*\*\* End of Annex 1 \*\*\*\*

