TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	N4
BRAND NAME	:	BOLD
FCC ID	:	YHLBLU4NC
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22 Subpart H 47 CFR Part 24 Subpart E 47 CFR Part 27 Subpart L
RECEIPT DATE	:	2025-07-08
TEST DATE	:	2025-07-10 to 2025-08-14
ISSUE DATE	:	2025-08-18

Edited by: Zeng Xiaoying (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2025-08-18	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #300 | Miami, FL 33166 USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #300 | Miami, FL 33166 USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Sample No.:	1#, 7#	
Hardware Version:	KX10GF_06	
Software Version:	BOLD_N0090_V15.0.03.00_GENERIC 01-08-2025 21:45	
Modulation Type:	GSM/GPRS Mode with GMSK Modulation EDGE Mode with 8PSK Modulation WCDMA Mode with QPSK Modulation HSDPA / DC-HSDPA Mode with QPSK Modulation HSUPA Mode with QPSK Modulation	
Operating Frequency Range:	GSM 850MHz	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	GSM 1900MHz	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	WCDMA Band V	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	WCDMA Band IV	Tx: 1710MHz-1755MHz
		Rx: 2110MHz-2155MHz
	WCDMA Band II	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	GSM 850:	-4.8dBi
	GSM1900:	-1.8dBi
	WCDMA Band V:	-4.8dBi

	WCDMA Band IV:	-2.9dBi
	WCDMA Band II:	-1.8dBi
Accessory Information:	Battery	
	Brand Name:	BOLD
	Model No.:	C865255500P
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Guangdong Highpower New Energy Technology Co. , Ltd.
	AC Adapter	
	Brand Name:	BOLD
	Model No.:	US-BJ-6625Q
	Serial No.:	N/A
	Rated Output:	5.0V⎓3000mA, 9.0V⎓3000mA, 12.0V⎓3000mA, 15.0V⎓3000mA, 20.0V⎓3250mA, 5.0-11.0V⎓6000mA, 5.0-20.0V⎓3250mA
	Rated Input:	100-240V~50/60Hz, 1.6A
	Manufacturer:	ShenZhen BaiJunDa Electronics Co., Ltd

Note 1: The transmitter (Tx) frequency arrangement of the Cellular 850MHz band used by the EUT can be represented with the formula F(n)=824.2+0.2*(n-128), 128<=n<=251; the lowest, middle, highest channel numbers (ARFCHs) used and tested in this report are separately 128 (824.2MHz), 189 (836.4MHz) and 251 (848.8MHz).

Note 2: The transmitter (Tx) frequency arrangement of the PCS 1900MHz band used by the EUT can be represented with the formula F(n)=1850.2+0.2*(n-512), 512<=n<=810; the lowest, middle and highest channel numbers (ARFCHs) used and tested in this report are separately 512 (1850.2MHz), 661 (1880.0MHz) and 810 (1909.8MHz).

Note 3: The transmitter (Tx) frequency arrangement of the WCDMA Band V used by the EUT can be represented with the formula F(n)=826.4+0.2*(n-4132), 4132<=n<=4233; the lowest, middle and highest channel numbers (ARFCHs) used and tested in this report are separately 4132 (826.4MHz), 4182(836.4MHz) and 4233 (846.6MHz).

Note 4: The transmitter (Tx) frequency arrangement of the WCDMA IV band used by the EUT can be represented with the formula F(n)=1712.4+0.2*(n-1312), 1312<=n<=1513; the lowest, middle and highest channel numbers (ARFCHs) used and tested in this report are separately 1312 (1712.4MHz), 1413 (1732.6MHz) and 1513 (1752.6MHz).

Note 5: The transmitter (Tx) frequency arrangement of the WCDMA Band II used by the EUT can

be represented with the formula F(n)=1852.4+0.2*(n-9262), 9262<=n<=9538; the lowest, middle and highest channel numbers (ARFCHs) used and tested in this report are separately 9262 (1852.4MHz), 9400 (1880MHz) and 9538 (1907.6MHz).

Note 6: All test modes and data rates were considered and evaluated respectively by performing full test. Test modes are chosen to be reported as the worst case below:

GSM mode and EDGE mode for GSM 850;

GSM mode and EDGE mode for GSM 1900;

WCDMA mode for WCDMA band V;

WCDMA mode for WCDMA band IV;

WCDMA mode for WCDMA band II;

Note 7: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 8: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

Test Mode	Maximum E.R.P./E.I.R.P. (W)	Emission Designator
GSM850(GSM)	0.306	250KGXW
GSM850(EDGE)	0.102	248KG7W
GSM1900(GSM)	0.540	247KGXW
GSM1900(EDGE)	0.299	253KG7W
WCDMA Band V	0.042	4M17F9W
WCDMA Band IV	0.108	4M16F9W
WCDMA Band II	0.142	4M16F9W

1.4. Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 2, Part 22, Part 24 and Part 27 for the EUT FCC ID Certification:

No.	Identity	Document Title
1	47 CFR Part 2 (10-1-12 Edition)	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22 (10-1-12 Edition)	Public Mobile Services
3	47 CFR Part 24 (10-1-12 Edition)	Personal Communications Services
4	47 CFR Part 27 (10-1-12 Edition)	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

No.	Section	Description	Test Date	Test Engineer	Result	Remark
1	2.1046	Conducted RF Output Power	Aug. 14, 2025	Shen Biaohong	PASS	/
2	24.232(d)	Peak -Average Ratio	Jul. 23, 2025	Liu Huiyan	PASS	/
3	2.1049	Occupied Bandwidth	Jul. 23, 2025 Aug. 06, 2025	Liu Huiyan	PASS	/
4	2.1055, 22.355, 24.235, 27.54	Frequency Stability	Aug. 14, 2025	Liu Huiyan	PASS	/
5	2.1051, 22.917(a), 24.238(a), 27.53(h)	Conducted Out of Band Emissions	Jul. 23, 2025 Aug. 06, 2025	Liu Huiyan	PASS	/
6	2.1051, 22.917(a), 24.238(a), 27.53(h)	Band Edge	Jul. 23, 2025 Aug. 06, 2025	Liu Huiyan	PASS	/
7	22.913(a), 24.232(c) 27.50(d)	Transmitter Radiated Power (E.I.P.R./E.R.P.)	Aug. 14, 2025	Liu Huiyan	PASS	/
8	2.1051, 22.917(a), 24.238(a),	Radiated Out of Band Emissions	Aug. 10, 2025	Gao Jianrou	PASS	/

	27.53(h)					

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03r01 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the “Remark”.

Note 3: The antenna gain presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.

1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2. 47 CFR Part 2, Part 22H, 24E&27L Requirements

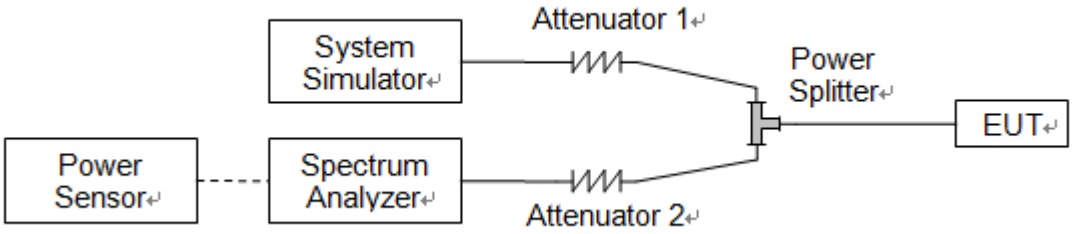
2.1. Conducted RF Output Power

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

2.1.2. Test Description

Test Setup:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS.

2.1.3.Test Results

GSM850	Average Power (dBm)		
TX Channel	**128**	**189**	**251**
Frequency (MHz)	**824.2**	**836.4**	**848.8**
GSM 1 Tx slot	31.75	31.78	31.54
GPRS 1 Tx slot	31.77	31.81	31.59
GPRS 2 Tx slots	30.86	30.89	30.74
GPRS 3 Tx slots	29.08	29.10	28.98
GPRS 4 Tx slots	27.94	27.97	27.83
EDGE 1 Tx slot	26.99	27.02	26.90
EDGE 2 Tx slots	25.53	25.55	25.50
EDGE 3 Tx slots	23.05	23.11	22.99
EDGE 4 Tx slots	21.92	21.96	21.86

GSM1900	Average Power (dBm)		
TX Channel	**512**	**661**	**810**
Frequency (MHz)	**1850.2**	**1880**	**1909.8**
GSM 1 Tx slot	29.05	29.12	29.09
GPRS 1 Tx slot	29.01	29.10	29.02
GPRS 2 Tx slots	28.54	28.61	28.53
GPRS 3 Tx slots	26.48	26.53	26.45
GPRS 4 Tx slots	25.29	25.34	25.28
EDGE 1 Tx slot	26.52	26.56	26.47
EDGE 2 Tx slots	24.94	24.97	24.93
EDGE 3 Tx slots	23.08	23.13	23.09
EDGE 4 Tx slots	21.69	21.77	21.70

WCDMA Band V	Average Power (dBm)		
TX Channel	**4132**	**4182**	**4233**
Frequency (MHz)	**826.4**	**836.4**	**846.6**
RMC 12.2Kbps	23.07	23.17	23.09
HSDPA Subtest-1	22.31	22.28	22.21
HSDPA Subtest-2	22.37	22.29	22.27
HSDPA Subtest-3	21.93	21.79	21.80
HSDPA Subtest-4	21.84	21.81	21.76
DC-HSDPA Subtest-1	22.25	22.28	22.21
DC-HSDPA Subtest-2	22.17	22.22	22.14
DC-HSDPA Subtest-3	21.67	21.73	21.64
DC-HSDPA Subtest-4	21.67	21.66	21.61
HSUPA Subtest-1	21.82	21.84	21.72
HSUPA Subtest-2	22.34	22.33	22.27
HSUPA Subtest-3	21.36	21.35	21.25
HSUPA Subtest-4	22.29	22.26	22.20
HSUPA Subtest-5	21.36	21.32	22.25
HSPA+ (16QAM) Subtest-1	21.28	21.25	20.74

WCDMA Band IV	Average Power (dBm)		
TX Channel	**1312**	**1413**	**1513**
Frequency (MHz)	**1712.4**	**1732.6**	**1752.6**
RMC 12.2Kbps	23.21	23.25	23.17
HSDPA Subtest-1	22.35	22.63	22.08
HSDPA Subtest-2	22.27	22.52	22.12
HSDPA Subtest-3	21.82	22.14	21.69
HSDPA Subtest-4	21.84	21.94	21.62
DC-HSDPA Subtest-1	22.41	22.77	22.40
DC-HSDPA Subtest-2	22.39	22.63	22.36
DC-HSDPA Subtest-3	21.81	22.16	21.77
DC-HSDPA Subtest-4	21.82	22.14	21.78
HSUPA Subtest-1	21.48	21.60	21.95
HSUPA Subtest-2	21.88	22.29	22.42
HSUPA Subtest-3	21.04	21.95	21.48
HSUPA Subtest-4	22.03	22.49	22.40
HSUPA Subtest-5	21.12	21.77	21.49
HSPA+ (16QAM) Subtest-1	21.46	21.77	21.47

WCDMA Band II	Average Power (dBm)		
TX Channel	**9262**	**9400**	**9538**
Frequency (MHz)	**1852.4**	**1880.0**	**1907.6**
RMC 12.2Kbps	23.26	23.33	23.27
HSDPA Subtest-1	22.41	22.15	22.44
HSDPA Subtest-2	22.46	22.18	22.54
HSDPA Subtest-3	22.08	21.75	22.07
HSDPA Subtest-4	22.10	21.68	22.08
DC-HSDPA Subtest-1	22.50	22.16	22.66
DC-HSDPA Subtest-2	22.44	22.12	22.68
DC-HSDPA Subtest-3	21.92	21.63	22.18
DC-HSDPA Subtest-4	21.95	21.72	22.16
HSUPA Subtest-1	22.47	22.14	22.14
HSUPA Subtest-2	22.49	22.21	22.64
HSUPA Subtest-3	21.57	21.29	21.63
HSUPA Subtest-4	22.49	22.17	22.55
HSUPA Subtest-5	21.53	22.21	21.64
HSPA+ (16QAM) Subtest-1	21.40	21.44	21.77

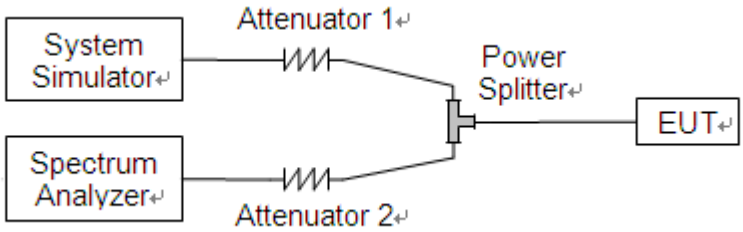
2.2. Peak to Average Ratio

2.2.1.Requirement

According to FCC 24.232(d) and 27.50(d), the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

2.2.2.Test Description

Test Setup:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS.

2.2.3.Test procedure

1. For GSM/EDGE operating mode:
a. Set RBW=1MHz, VBW=3MHz, peak detector in spectrum analyzer.
b. Set EUT in maximum output power, and triggered the bust signal.
c. Measured respectively the peak level and mean level, and the deviation was recorded as Peak to Average ratio.
2. For UMTS operating mode:
a. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
b. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1%.

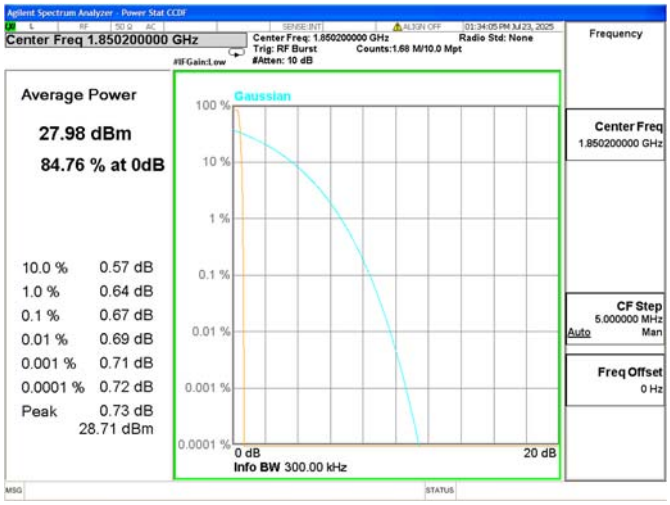
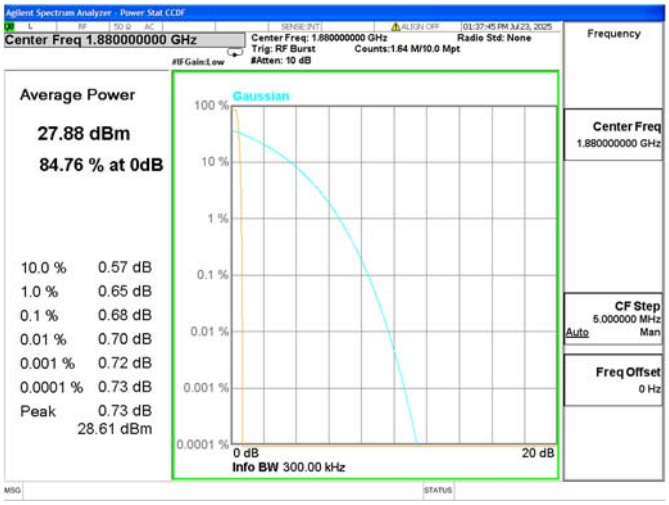
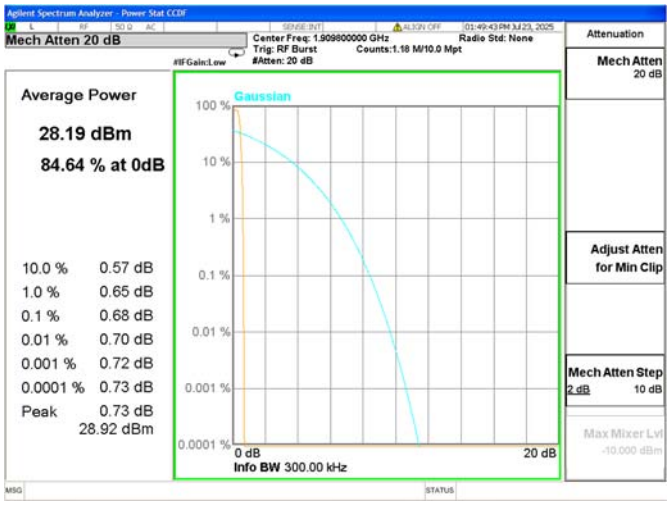
2.2.4.Test Result

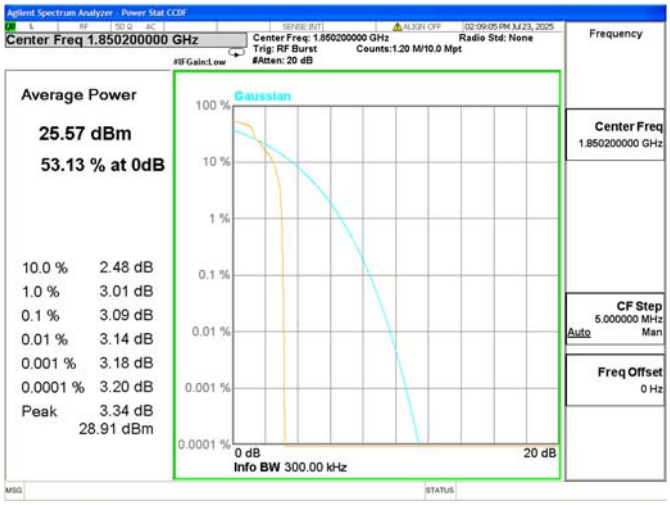
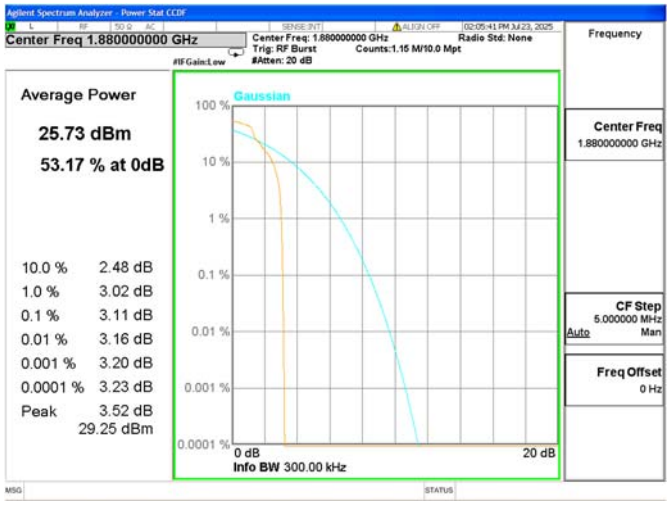
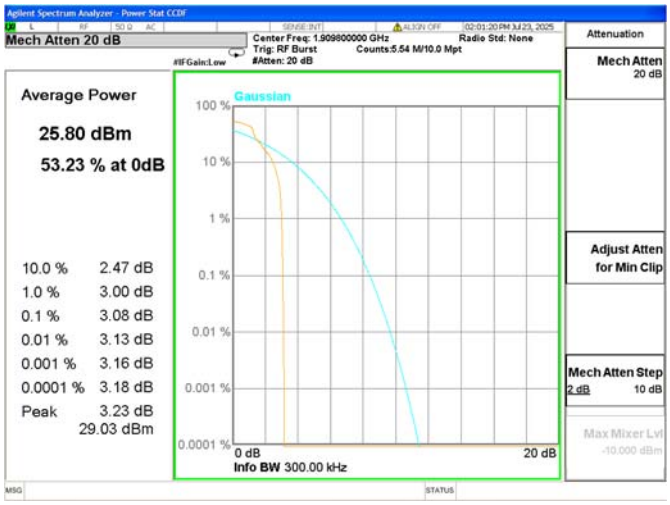
A. Test Verdict:

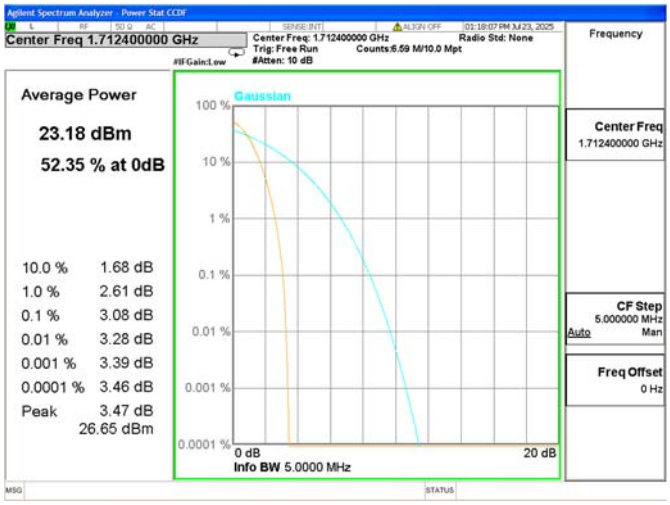
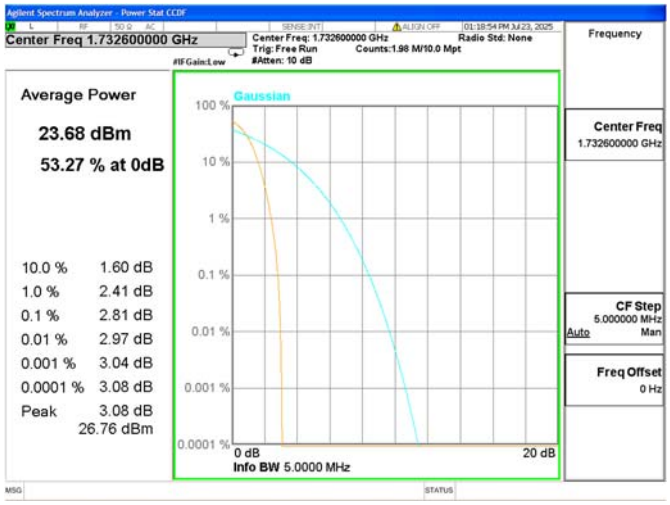
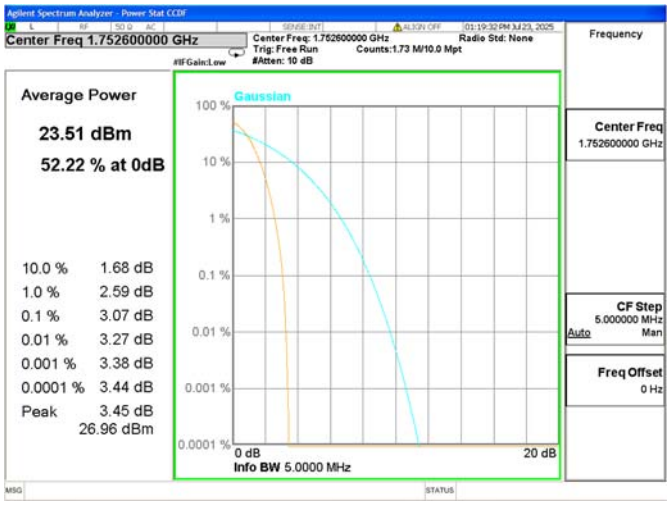
GSM1900					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
GSM	512	1850.2	0.67	13	PASS
	661	1880.0	0.68		PASS
	810	1909.8	0.68		PASS
EDGE	512	1850.2	3.09		PASS
	661	1880.0	3.11		PASS
	810	1909.8	3.08		PASS

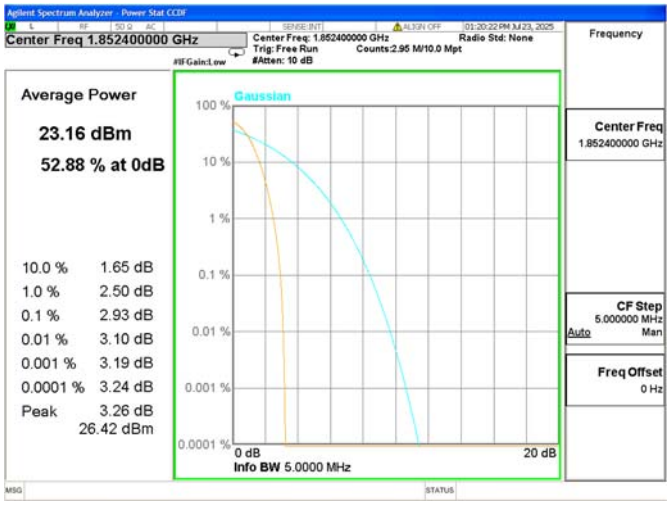
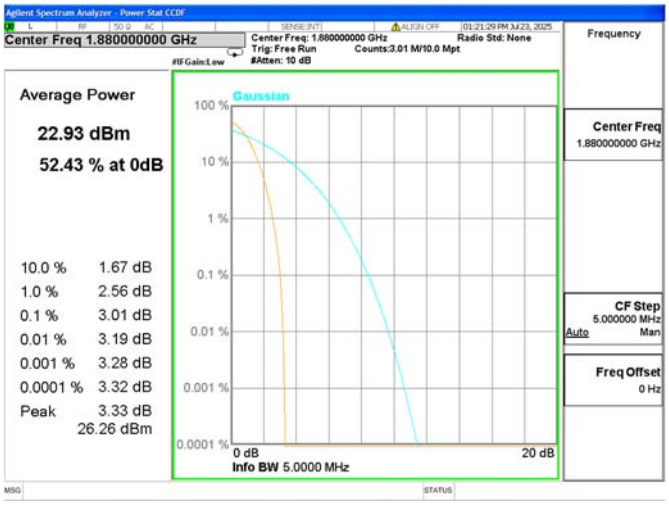
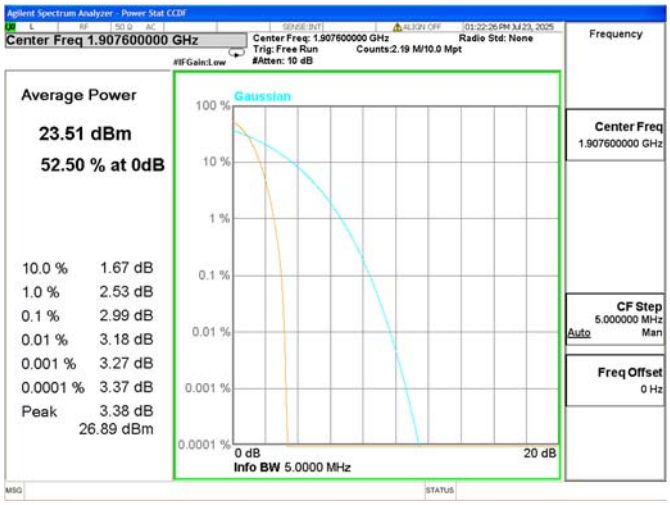
WCDMA Band IV					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
WCDMA	1312	1712.4	3.08	13	PASS
	1413	1732.6	2.81		PASS
	1513	1752.6	3.07		PASS

WCDMA Band II					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
WCDMA	9262	1852.4	2.93	13	PASS
	9400	1880.0	3.01		PASS
	9538	1907.6	2.99		PASS

GSM1900(GSM), CH512, 1850.2MHz	GSM1900(GSM), CH661, 1880.0MHz
	
GSM1900(GSM), CH810, 1909.8MHz	
	

GSM1900(EDGE), CH512, 1850.2MHz	GSM1900(EDGE), CH661, 1880.0MHz
	
GSM1900(EDGE), CH810, 1909.8MHz	
	

WCDMA Band IV, CH1312, 1712.4MHz	WCDMA Band IV, CH1413, 1732.6MHz
	
WCDMA Band IV, CH1513, 1752.6MHz	
	

WCDMA Band II, CH9262, 1852.4MHz	WCDMA Band II, CH9400, 1880.0MHz
	
WCDMA Band II, CH9538, 1907.6MHz	
	

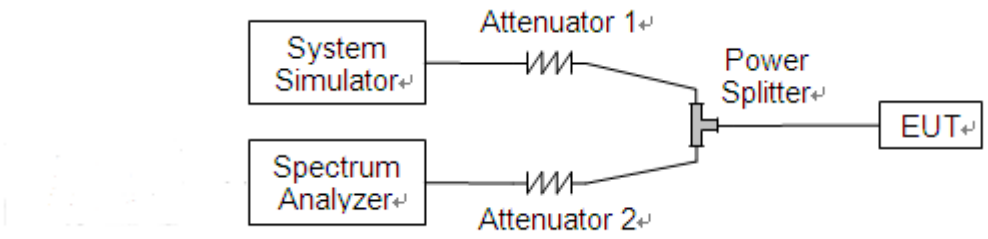
2.3. Occupied Bandwidth

2.3.1.Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.3.2.Test Description

Test Setup:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS.

2.3.3.Test Result

GSM850				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (kHz)**	**26dB Bandwidth (kHz)**
GSM	128	824.2	243.69	310.90
	189	836.4	249.60	321.30
	251	848.8	249.13	306.00
EDGE	128	824.2	245.75	296.80
	189	836.4	248.43	305.10
	251	848.8	243.51	313.30

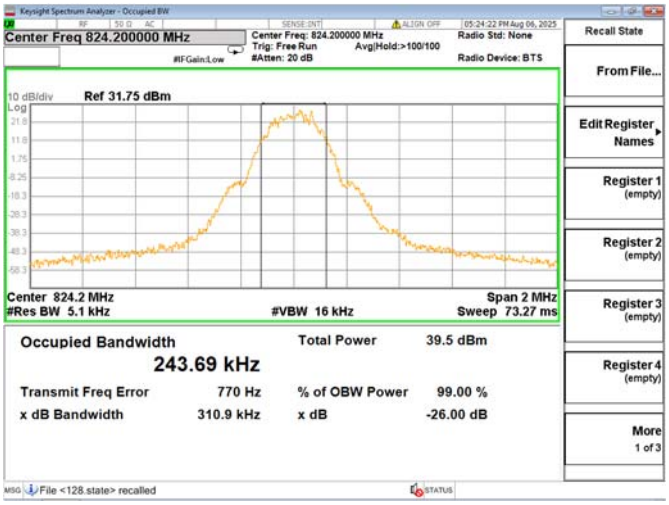
GSM1900				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (kHz)**	**26dB Bandwidth (kHz)**
GSM	512	1850.2	246.32	314.10
	661	1880.0	245.35	310.50
	810	1909.8	247.45	309.30
EDGE	512	1850.2	252.77	319.60
	661	1880.0	245.67	310.30
	810	1909.8	251.35	313.40

WCDMA Band V				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	4132	826.4	4.15	4.70
	4182	836.4	4.17	4.71
	4233	846.6	4.15	4.72

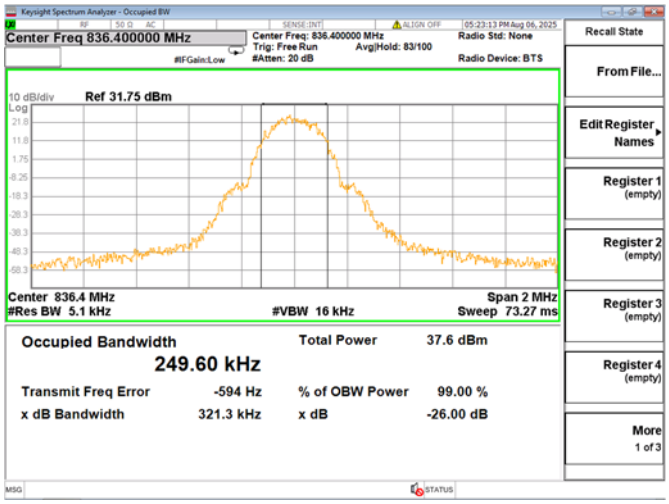
WCDMA Band IV				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	1312	1712.4	4.16	4.70
	1413	1732.6	4.15	4.74
	1513	1752.6	4.16	4.71

WCDMA Band II				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	9262	1852.4	4.15	4.73
	9400	1880.0	4.15	4.71
	9538	1907.6	4.16	4.72

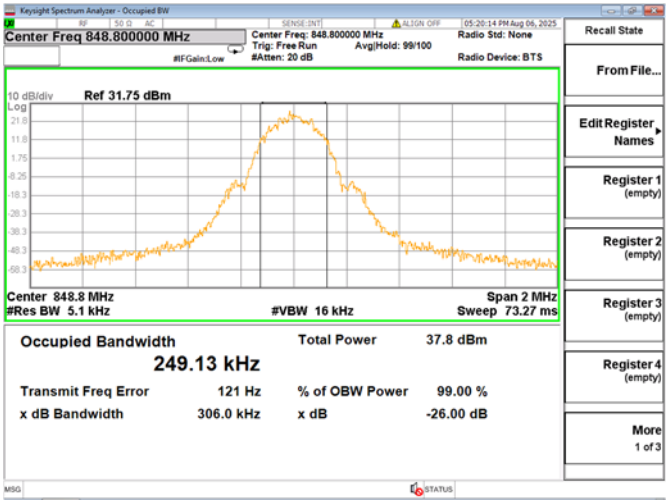
GSM850(GSM), CH128, 824.2MHz

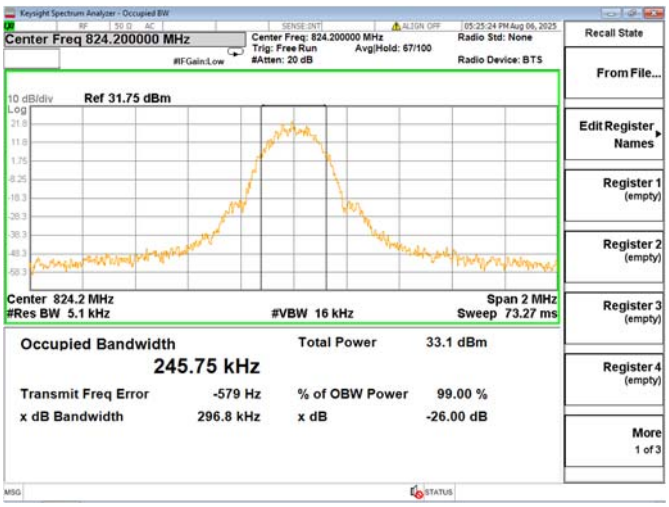
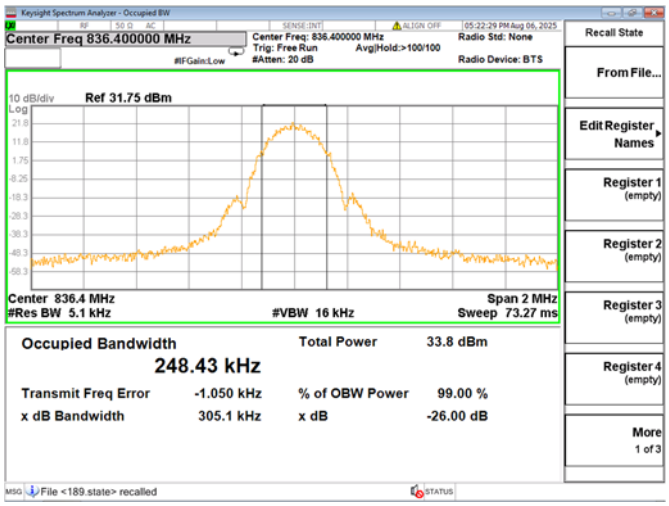
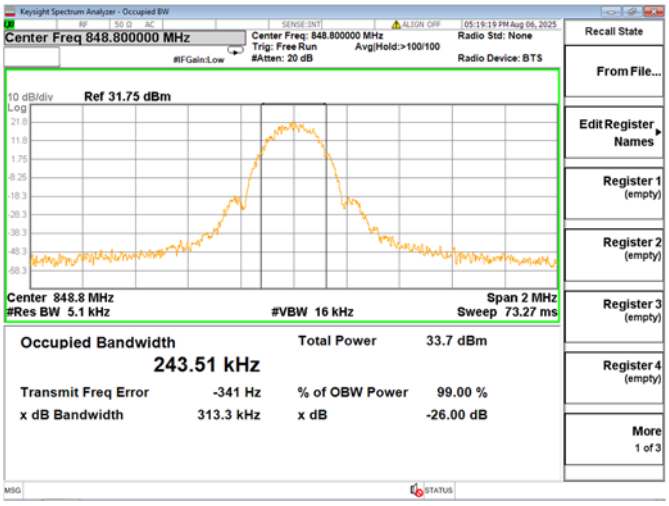


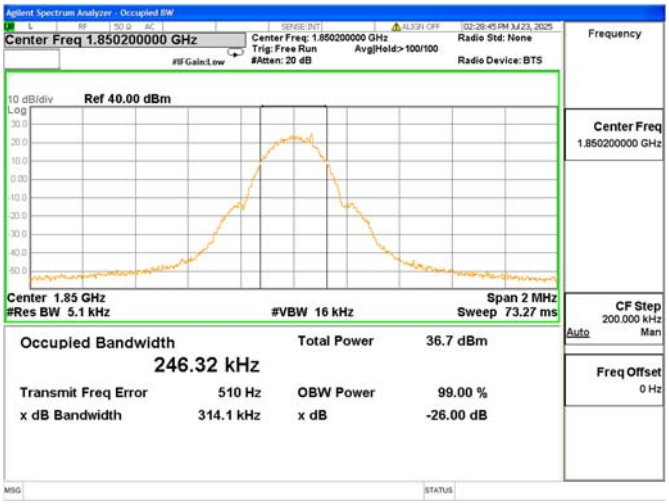
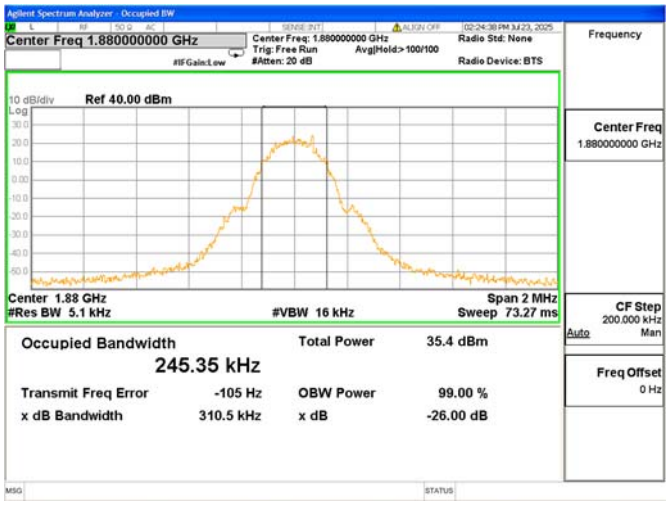
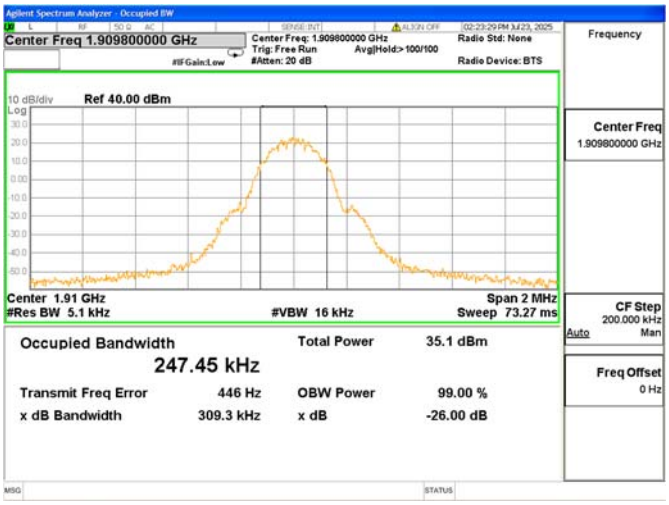
GSM850(GSM), CH189, 836.4MHz

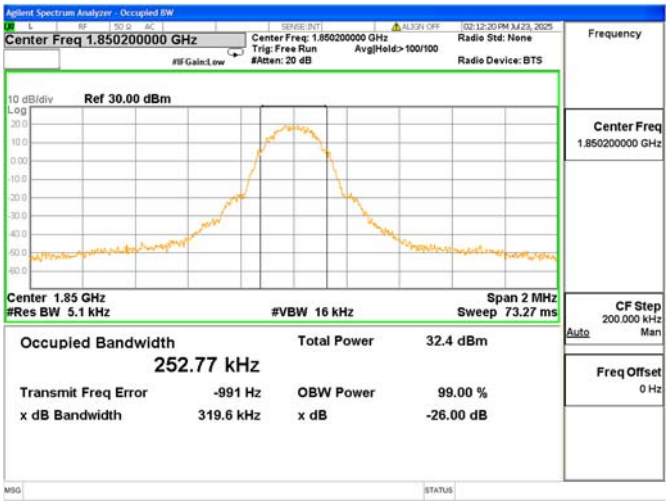
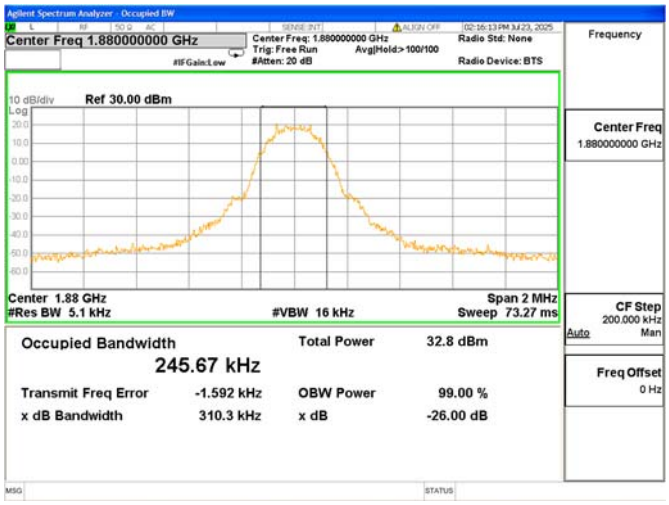
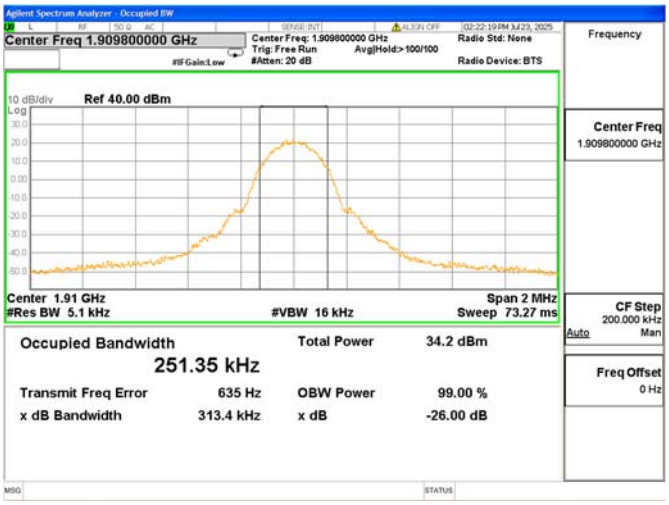


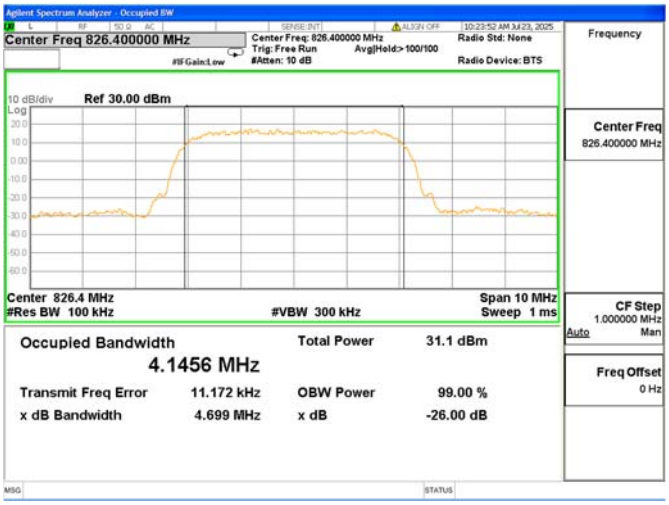
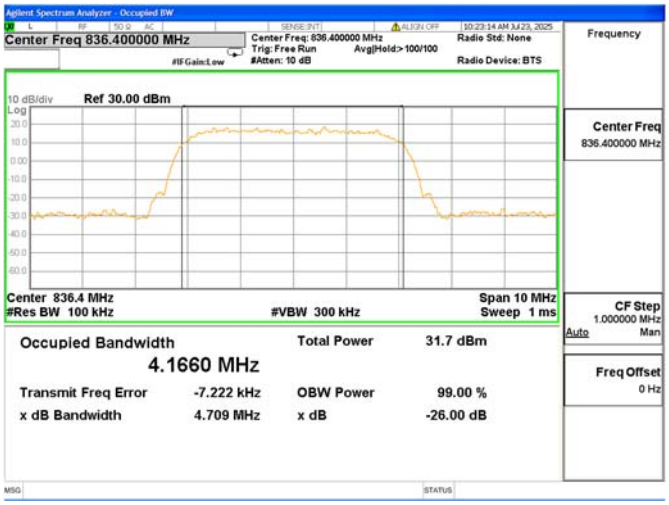
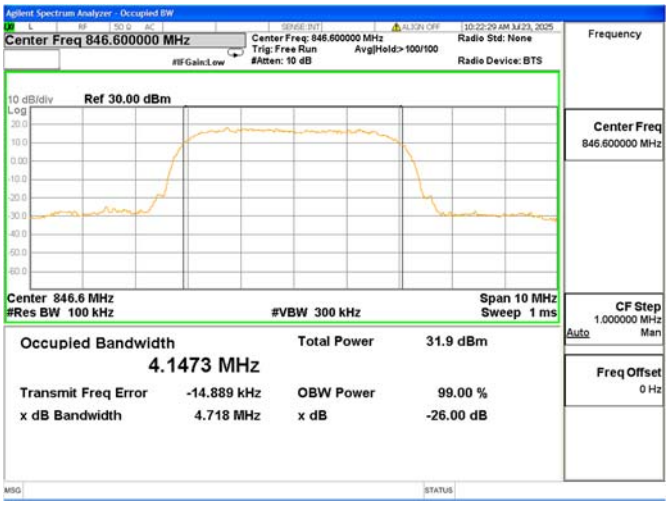
GSM850(GSM), CH251, 848.8MHz

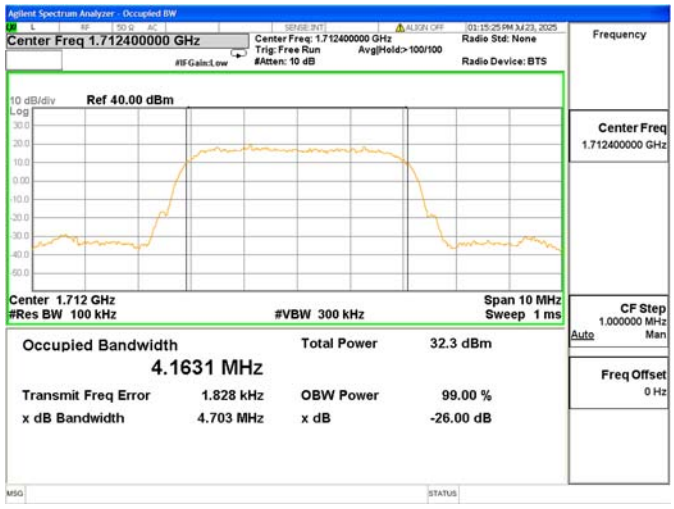
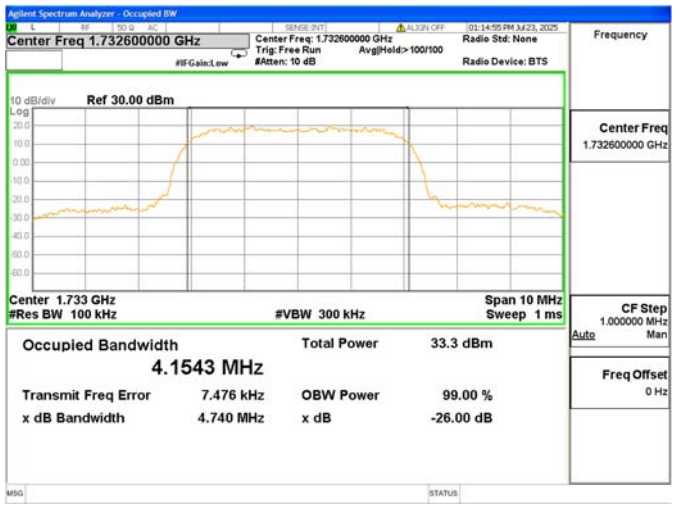
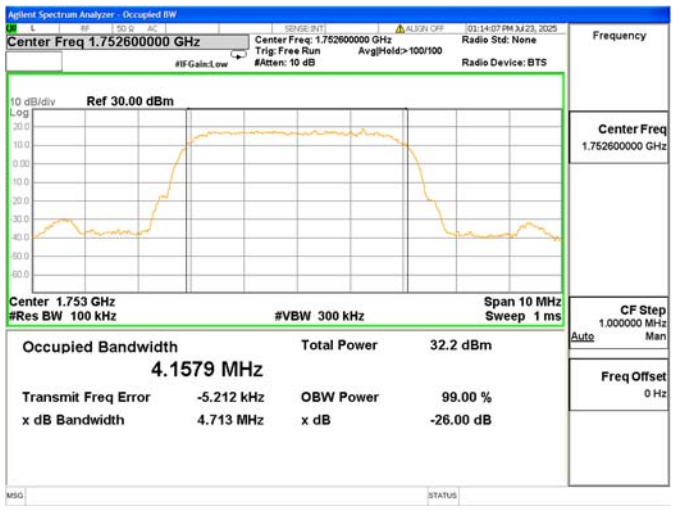


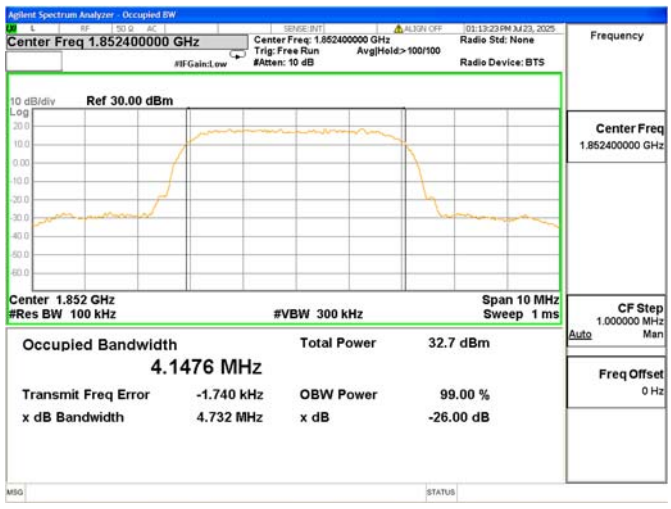
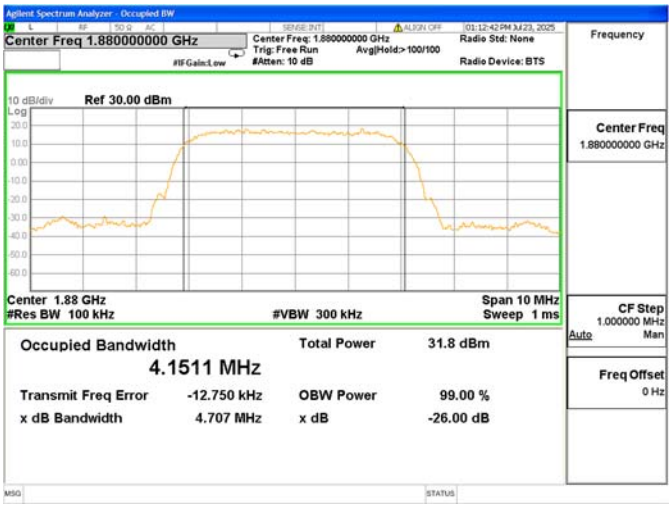
GSM850(EDGE), CH128, 824.2MHz	GSM850(EDGE), CH189, 836.4MHz
	
GSM850(EDGE), CH251, 848.8MHz	
	

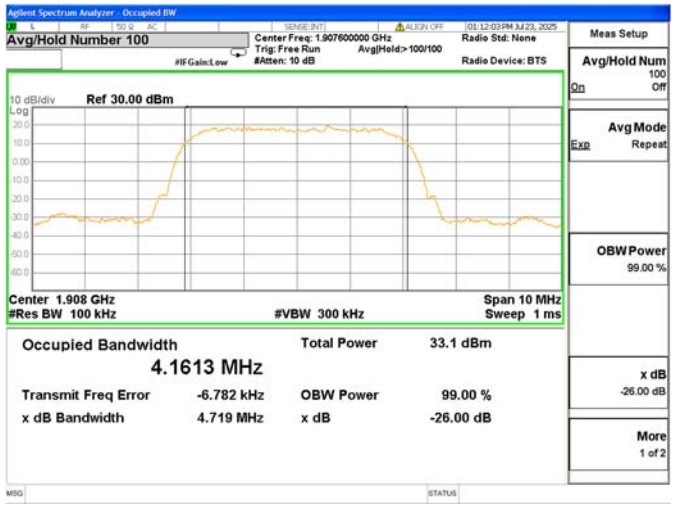
GSM1900(GSM), CH512, 1850.2MHz	GSM1900(GSM), CH661, 1880.0MHz
	
GSM1900(GSM), CH810, 1909.8MHz	
	

GSM1900(EDGE), CH512, 1850.2MHz	GSM1900(EDGE), CH661, 1880.0MHz
	
GSM1900(EDGE), CH810, 1909.8MHz	
	

WCDMA Band V, CH4132, 826.4MHz	WCDMA Band V, CH4182, 836.4MHz
	
WCDMA Band V, CH4233, 846.6MHz	
	

WCDMA Band IV, CH1312, 1712.4MHz	WCDMA Band IV, CH1413, 1732.6MHz
	
WCDMA Band IV, CH1513, 1752.6MHz	
	

WCDMA Band II, CH9262, 1852.4MHz	WCDMA Band II, CH9400, 1880.0MHz
	

WCDMA Band II, CH9538, 1907.6MHz	
	

2.4. Frequency Stability

2.4.1.Requirement

According to FCC section 22.355, 24.235 and 27.54 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

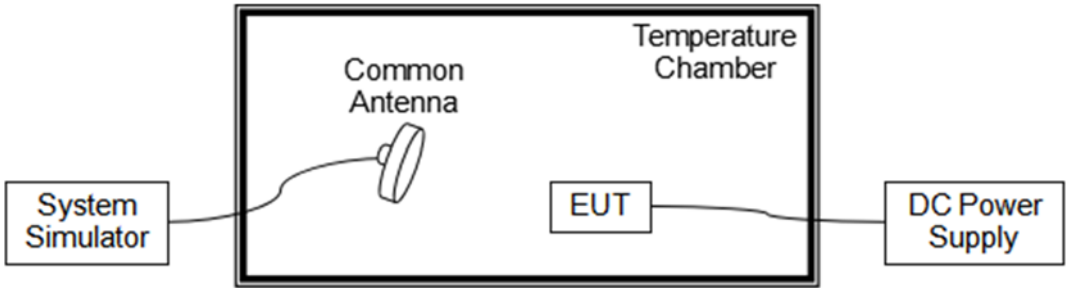
(a) The temperature is varied from-30°C to +50°C at intervals of not more than 10°C.

(b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

Note: The operating temperature of EUT is from 0°C to 60°C, which are specified by the applicant.

2.4.2.Test Description

Test Setup:



The EUT, which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS via a Common Antenna.

2.4.3.Test Result

The nominal, highest and lowest extreme voltages are separately 3.87V, 4.45V and 3.4V, which are specified by the applicant; the normal temperature here used is 20°C.

GSM850(GSM), CH189, 836.4MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	16	0.019	PASS
Normal		0	17	0.020	
Normal		+10	2	0.002	
Normal		+20	17	0.020	
Normal		+30	19	0.023	
Normal		+40	2	0.002	
Normal		+50	18	0.022	
Normal		+60	17	0.020	
High	4.45	+20	3	0.004	
BATT.ENDPOINT	3.40	+20	16	0.019	

GSM850(EDGE), CH189, 836.4MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	19	0.023	PASS
Normal		0	-21	-0.025	
Normal		+10	-20	-0.024	
Normal		+20	-15	-0.018	
Normal		+30	17	0.020	
Normal		+40	7	0.008	
Normal		+50	17	0.020	
Normal		+60	17	0.020	
High	4.45	+20	23	0.027	
BATT.ENDPOINT	3.40	+20	8	0.010	

GSM1900(GSM), CH661, 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	3	0.002	PASS
Normal		0	17	0.009	
Normal		+10	18	0.010	
Normal		+20	14	0.007	
Normal		+30	19	0.010	
Normal		+40	-1	-0.001	
Normal		+50	18	0.010	
Normal		+60	20	0.011	
High	4.45	+20	21	0.011	
BATT.ENDPOINT	3.40	+20	-5	-0.003	

GSM1900(EDGE), CH661, 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	16	0.009	PASS
Normal		0	-15	-0.008	
Normal		+10	-13	-0.007	
Normal		+20	-4	-0.002	
Normal		+30	14	0.007	
Normal		+40	15	0.008	
Normal		+50	20	0.011	
Normal		+60	20	0.011	
High	4.45	+20	-3	-0.002	
BATT.ENDPOINT	3.40	+20	18	0.010	

WCDMA Band V, CH4182, 836.4MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	19	0.023	PASS
Normal		0	-21	-0.025	
Normal		+10	-20	-0.024	
Normal		+20	-15	-0.018	
Normal		+30	17	0.020	
Normal		+40	7	0.008	
Normal		+50	17	0.020	
Normal		+60	17	0.020	
High	4.45	+20	23	0.027	
BATT.ENDPOINT	3.40	+20	8	0.010	

WCDMA Band IV, CH1413, 1732.6MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	-22	-0.013	PASS
Normal		0	-17	-0.010	
Normal		+10	21	0.012	
Normal		+20	-1	-0.001	
Normal		+30	16	0.009	
Normal		+40	13	0.008	
Normal		+50	16	0.009	
Normal		+60	16	0.009	
High	4.45	+20	20	0.012	
BATT.ENDPOINT	3.40	+20	19	0.011	

WCDMA Band II, CH9400, 1880.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	7	0.004	PASS
Normal		0	17	0.009	
Normal		+10	16	0.009	
Normal		+20	7	0.004	
Normal		+30	15	0.008	
Normal		+40	15	0.008	
Normal		+50	19	0.010	
Normal		+60	14	0.007	
High	4.45	+20	-6	-0.003	
BATT.ENDPOINT	3.40	+20	20	0.011	

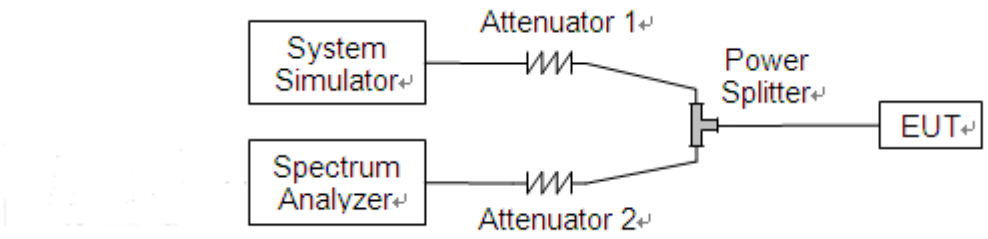
2.5. Conducted Out of Band Emissions

2.5.1.Requirement

According to FCC section 22.917(a), 24.238(a) and 27.53(h) the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P)dB. This calculated to be -13dBm. The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency.

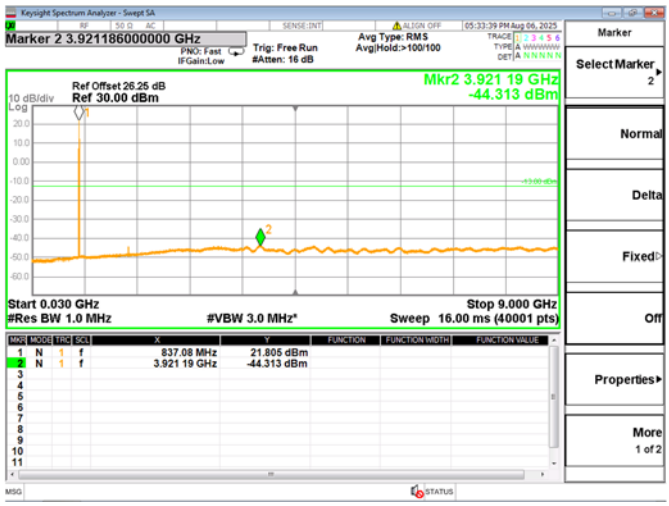
2.5.2.Test Description

Test Setup:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS.

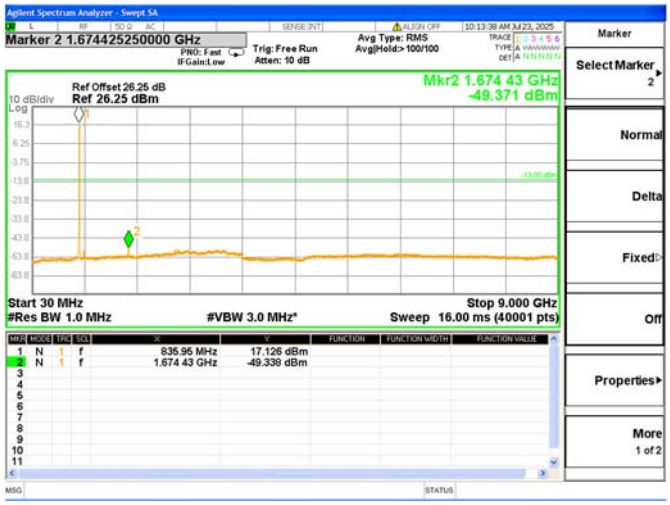
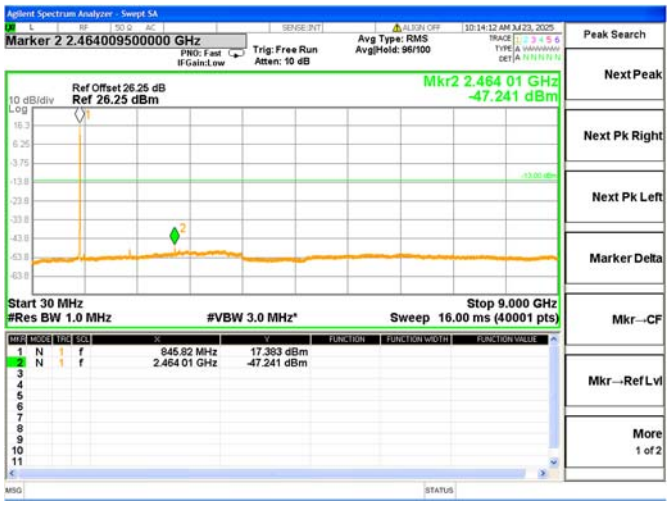
2.5.3.Test Result

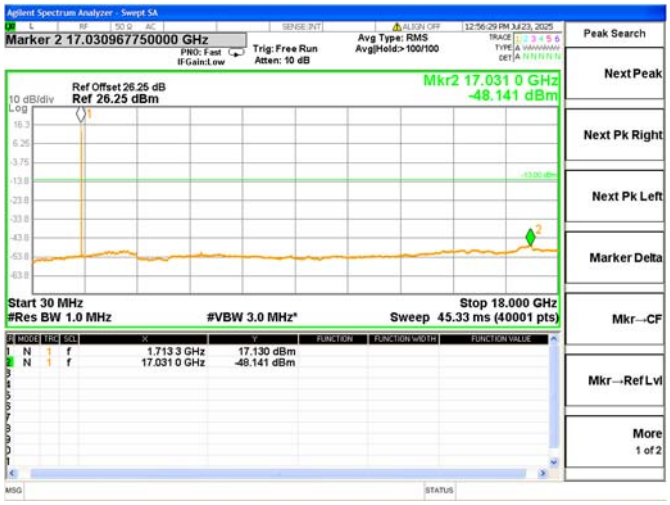
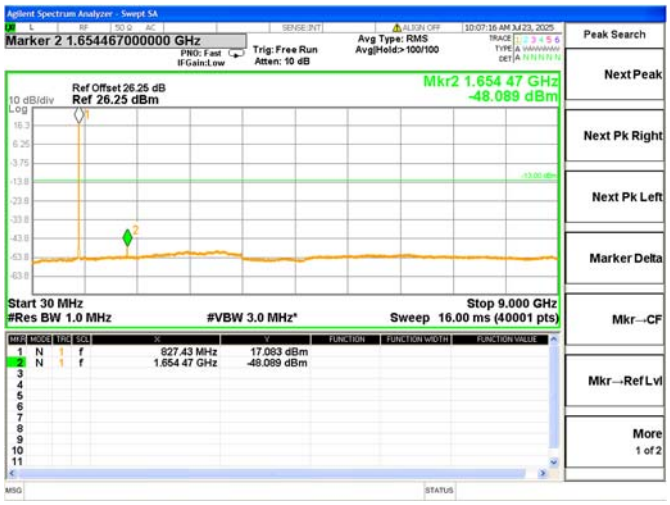
GSM850(GSM), CH128, 824.2MHz	GSM850(GSM), CH189, 836.4MHz
	
GSM850(GSM), CH251, 848.8MHz	

GSM850(EDGE), CH128, 824.2MHz	GSM850(EDGE), CH189, 836.4MHz
GSM850(EDGE), CH251, 848.8MHz	

GSM1900(GSM), CH512, 1850.2MHz	GSM1900(GSM), CH661, 1880.0MHz
GSM1900(GSM), CH810, 1909.8MHz	

GSM1900(EDGE), CH512, 1850.2MHz	GSM1900(EDGE), CH661, 1880.0MHz
GSM1900(EDGE), CH810, 1909.8MHz	

WCDMA Band V, CH4132, 826.4MHz	WCDMA Band V, CH4182, 836.4MHz
	
WCDMA Band V, CH4233, 846.6MHz	
	

WCDMA Band IV,CH1312, 1712.4MHz	WCDMA Band IV, CH1413, 1732.6MHz
	
WCDMA Band IV, CH1513, 1752.6MHz	
	

WCDMA Band II, CH9262, 1852.4MHz	WCDMA Band II, CH9400, 1880.0MHz
WCDMA Band II, CH9538, 1907.6MHz	

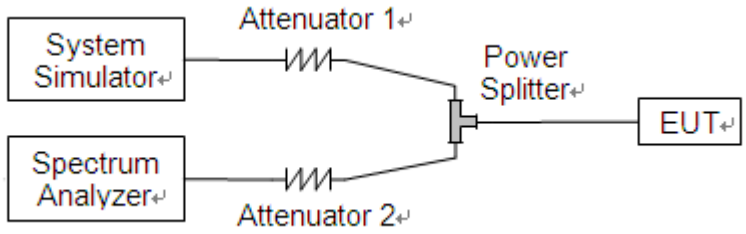
2.6. Band Edge

2.6.1.Requirement

According to FCC section 22.917(a), 24.238(a) and 27.53(h) the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P)dB.

2.6.2.Test Description

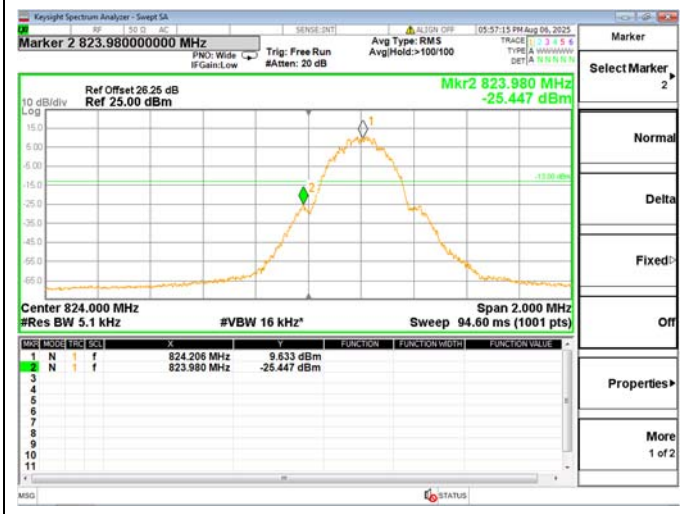
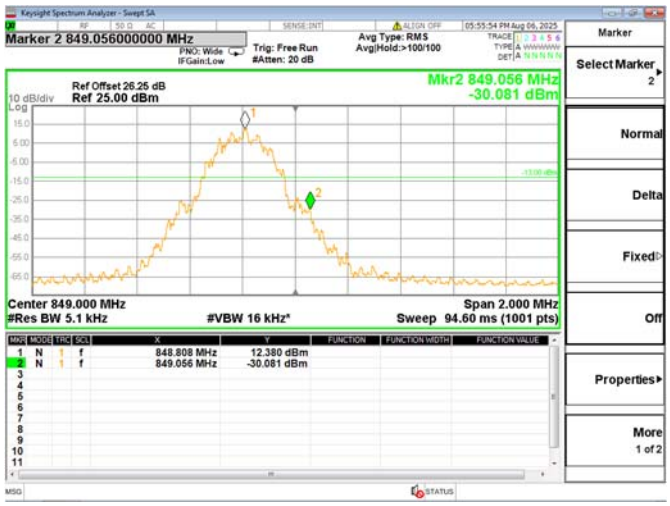
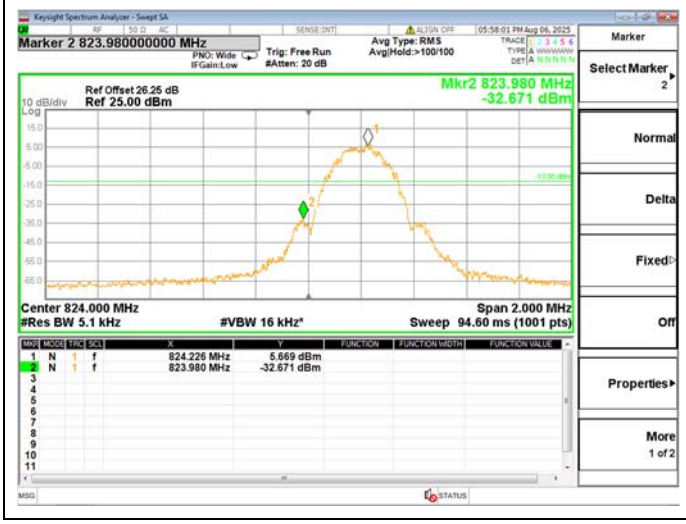
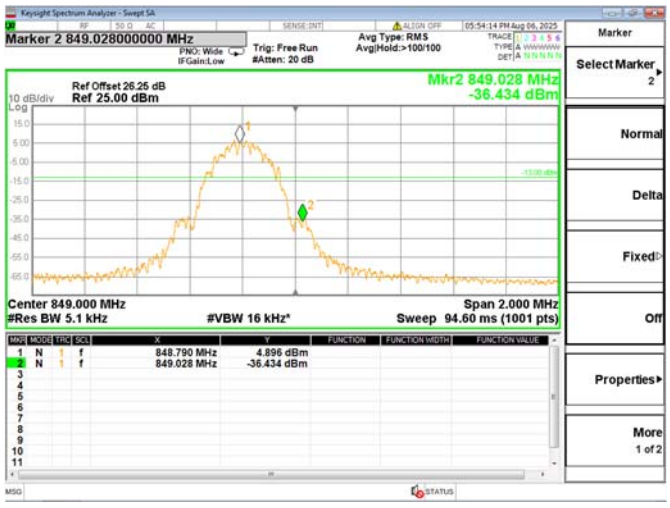
Test Setup:

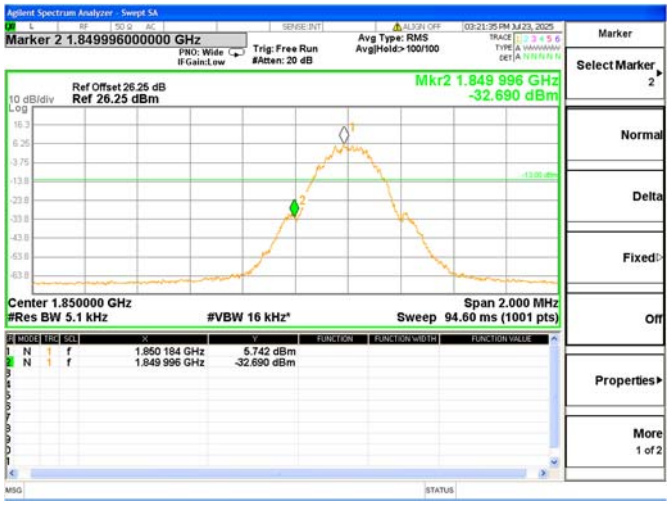
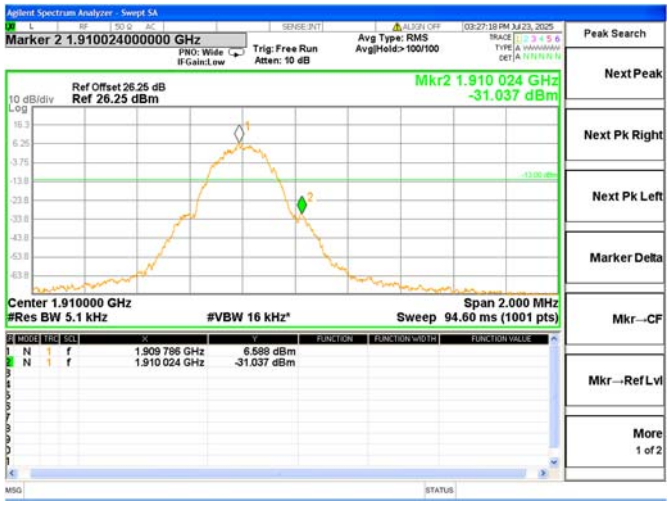
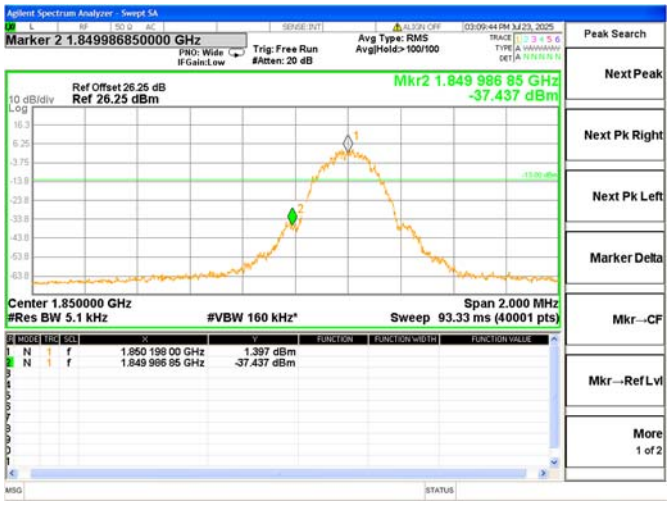
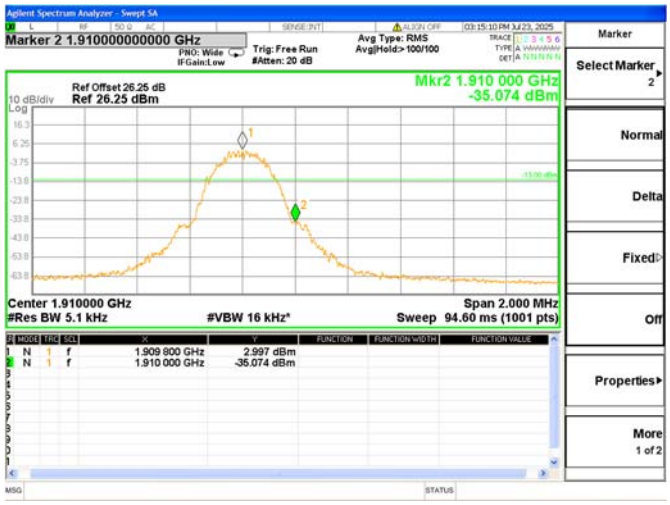


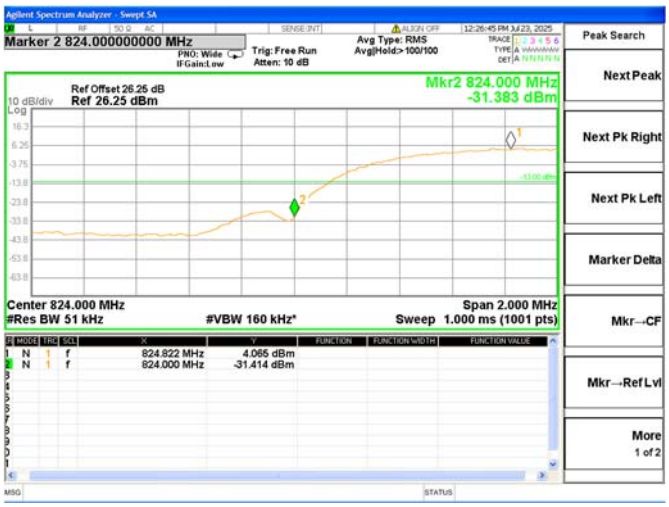
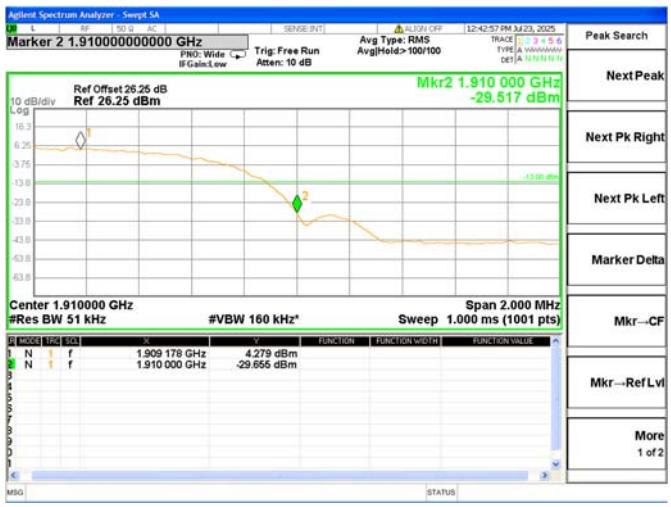
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power i.e. Power Control Level (PCL) = 5 and Power Class = 4. A call is established between the EUT and the SS.

2.6.3.Test Result

The lowest and highest channels are tested to verify the band edge emissions.

GSM850(GSM), CH128, 824.2MHz	GSM850(GSM), CH251, 848.8MHz
	
GSM850(EDGE), CH128, 824.2MHz	**GSM850(EDGE), CH251, 848.8MHz**
	

GSM1900(GSM), CH512, 1850.2MHz	GSM1900(GSM), CH810, 1909.8MHz
	
GSM1900(EDGE), CH512, 1850.2MHz	**GSM1900(EDGE), CH810, 1909.8MHz**
	

WCDMA Band V, CH4132, 826.4MHz	WCDMA Band V, CH4233, 846.6MHz
	
WCDMA Band IV, CH1312, 1712.4MHz	**WCDMA Band IV, CH1513, 1752.6MHz**
WCDMA Band II, CH9262, 1852.4MHz	**WCDMA Band II, CH9538, 1907.6MHz**
	

2.7. Determining E.R.P. and/or E.I.R.P. from conducted RF output power measurements

2.7.1. Requirement

According to FCC section 22.913, the Effective Radiated Power (E.R.P.) of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.
According to FCC section 24.232, the broadband PCS mobile station is limited to 2 Watts e.i.r.p. peak power.
According to FCC section 27.50, mobile, and portable (hand-held) stations is limited to 1 Watts e.i.r.p. peak power.

2.7.2. Test Description

The test setups refer to section 2.1.3
A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power (i.e. GSM850MHz band Power Control Level (PCL) = 5/19 and Power Class = 4, GSM1900MHz band Power Control Level (PCL) = 0/15 and Power Class = 1), and only the test result of the maximum output power was recorded. Please refer to section 2.1.3 of this report.
The relevant equation for determining the maximum E.R.P. or E.I.R.P. from the measured RF output power is given in Equation (1) as follows:
E.R.P. or E.I.R.P. = P_{Meas} + G_T
Where:
E.R.P. or E.I.R.P. effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, e.g., dBm or dBW)
P_{Meas} measured transmitter output power or PSD, in dBm or dBW
G_T gain of the transmitting antenna, in dBd (E.R.P.) or dBi (E.I.R.P.)
For devices utilizing multiple antennas, see ANSI C63.25-2015 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.
The following equations demonstrate the mathematical relationship between E.R.P. and E.I.R.P.:
a) E.R.P. = E.I.R.P. − 2.15, where E.R.P. and E.I.R.P. are expressed in consistent units.
b) E.I.R.P. = E.R.P. + 2.15, where E.R.P. and E.I.R.P. are expressed in consistent units.

2.7.3.Test Result

GSM850								
Band	Channel	Frequency (MHz)	PCL	Measured E.R.P.		Limit		Verdict
				dBm	W	dBm	W	
GSM	128	824.20	5	24.80	0.302	38.5	7	PASS
	189	836.40	5	24.83	0.304			PASS
	251	848.80	5	24.59	0.288			PASS
GPRS	128	824.20	5	24.82	0.303	38.5	7	PASS
	189	836.40	5	24.86	0.306			PASS
	251	848.80	5	24.64	0.291			PASS
EDGE	128	824.20	5	20.04	0.101	38.5	7	PASS
	189	836.40	5	20.07	0.102			PASS
	251	848.80	5	19.95	0.099			PASS
Note 1: For the GPRS and EDGE mode, all the slots were tested and just the worst data were recorded in this report.								

GSM1900								
Band	Channel	Frequency (MHz)	PCL	Measured E.I.R.P.		Limit		Verdict
				dBm	W	dBm	W	
GSM	512	1850.2	0	27.25	0.531	33	2	PASS
	661	1880.0	0	27.32	0.540			PASS
	810	1909.8	0	27.29	0.536			PASS
GPRS	512	1850.2	0	27.21	0.526	33	2	PASS
	661	1880.0	0	27.30	0.537			PASS
	810	1909.8	0	27.22	0.527			PASS
EDGE	512	1850.2	0	24.72	0.296	33	2	PASS
	661	1880.0	0	24.76	0.299			PASS
	810	1909.8	0	24.67	0.293			PASS
Note 1: For the GPRS and EDGE mode, all the slots were tested and just the worst data were recorded in this report.								

WCDMA Band V							
Band	Channel	Frequency (MHz)	Measured E.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	4132	826.4	16.12	0.041	38.5	7	PASS
	4182	836.4	16.22	0.042			PASS
	4233	846.6	16.14	0.041			PASS
HSDPA	4132	826.4	15.42	0.035	38.5	7	PASS
	4182	836.4	15.34	0.034			PASS
	4233	846.6	15.32	0.034			PASS
DC-HSDPA	4132	826.4	15.30	0.034	38.5	7	PASS
	4182	836.4	15.33	0.034			PASS
	4233	846.6	15.26	0.034			PASS
HSUPA	4132	826.4	15.39	0.035	38.5	7	PASS
	4182	836.4	15.38	0.035			PASS
	4233	846.6	15.32	0.034			PASS
HSPA+	4132	826.4	14.33	0.027	38.5	7	PASS
	4182	836.4	14.30	0.027			PASS
	4233	846.6	13.79	0.024			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

WCDMA Band IV							
Band	Channel	Frequency (MHz)	Measured E.I.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	1312	1712.4	20.31	0.107	30	1	PASS
	1413	1732.6	20.35	0.108			PASS
	1513	1752.6	20.27	0.106			PASS
HSDPA	1312	1712.4	19.45	0.088	30	1	PASS
	1413	1732.6	19.73	0.094			PASS
	1513	1752.6	19.22	0.084			PASS
DC-HSDPA	1312	1712.4	19.51	0.089	30	1	PASS
	1413	1732.6	19.87	0.097			PASS
	1513	1752.6	19.50	0.089			PASS
HSUPA	1312	1712.4	19.13	0.082	30	1	PASS
	1413	1732.6	19.59	0.091			PASS
	1513	1752.6	19.52	0.090			PASS
HSPA+	1312	1712.4	18.56	0.072	30	1	PASS
	1413	1732.6	18.87	0.077			PASS
	1513	1752.6	18.57	0.072			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

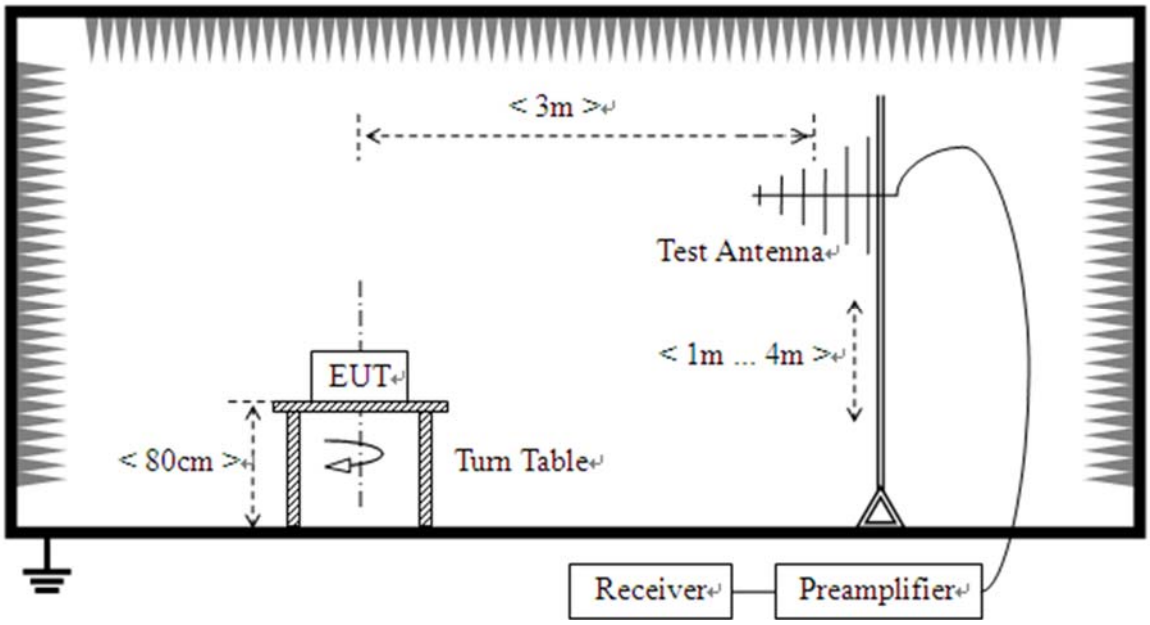
WCDMA Band II							
Band	Channel	Frequency (MHz)	Measured E.I.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	9262	1852.4	21.46	0.140	33	2	PASS
	9400	1880.0	21.53	0.142			PASS
	9538	1907.6	21.47	0.140			PASS
HSDPA	9262	1852.4	20.66	0.116	33	2	PASS
	9400	1880.0	20.38	0.109			PASS
	9538	1907.6	20.74	0.119			PASS
DC-HSDPA	9262	1852.4	20.70	0.117	33	2	PASS
	9400	1880.0	20.36	0.109			PASS
	9538	1907.6	20.88	0.122			PASS
HSUPA	9262	1852.4	20.69	0.117	33	2	PASS
	9400	1880.0	20.41	0.110			PASS
	9538	1907.6	20.84	0.121			PASS
HSPA+	9262	1852.4	19.60	0.091	33	2	PASS
	9400	1880.0	19.64	0.092			PASS
	9538	1907.6	19.97	0.099			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

2.8. Radiated Out of Band Emissions

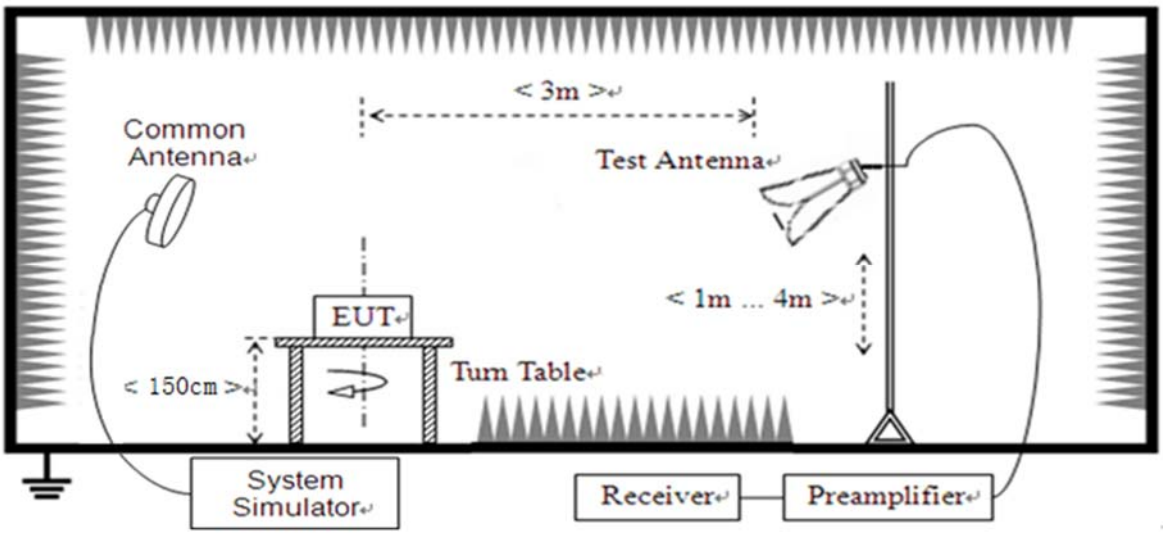
2.8.1.Requirement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P)dB. This calculated to be -13dBm. The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency.

2.8.2.Test Description



(For the test frequency from 30MHz to1GHz)



(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.
A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power and only the test result of the maximum output power was recorded.
In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360°to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.
Note: When doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.8.3.Test Procedure

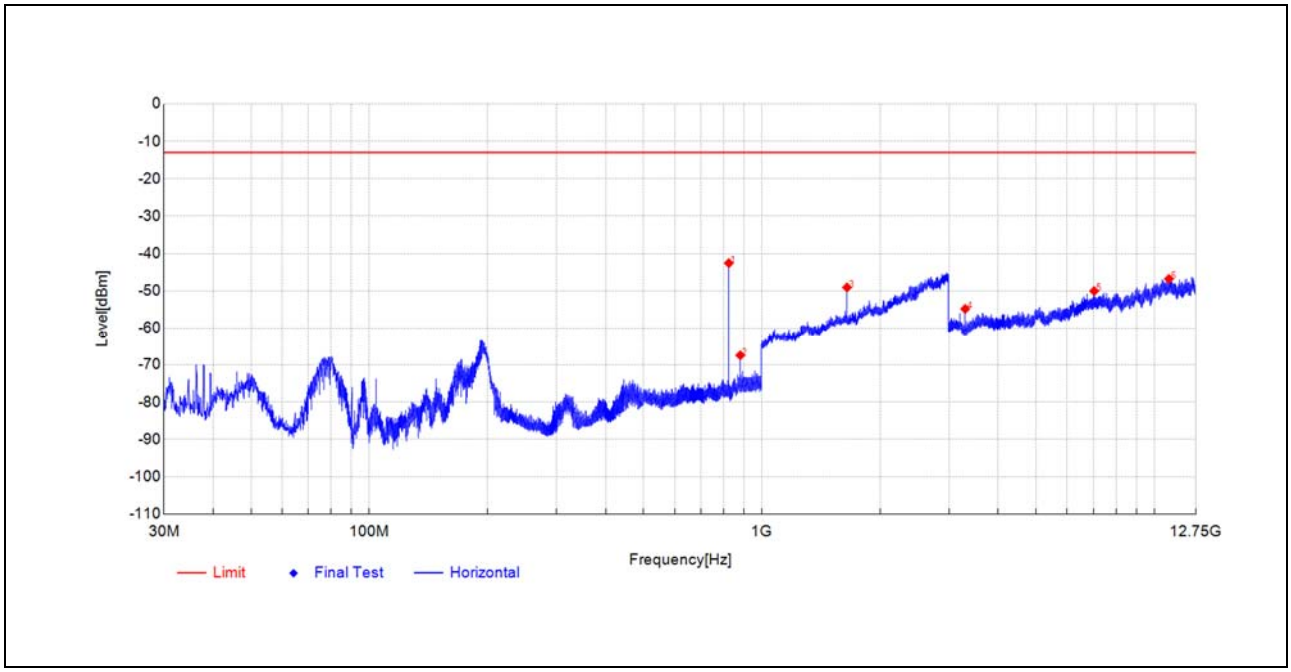
For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.

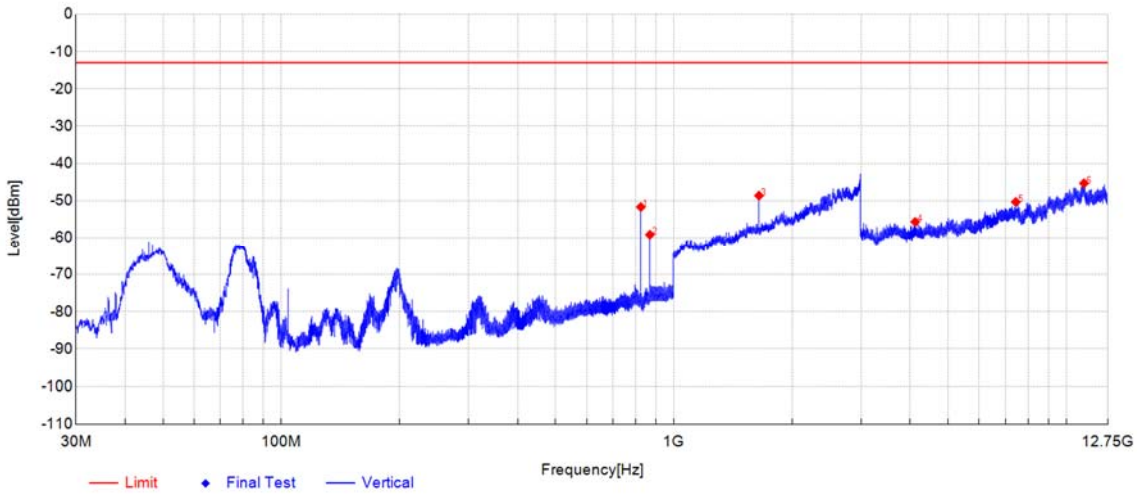
2.8.4.Test Result

Note1: The power of the EUT transmitting frequency should be ignored.
Note2: All test mode and condition mentioned were considered and evaluated respectively by performing full test, only the worst data were recorded and reported.
Note3: All spurious emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Note4: NA means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

GSM850(GSM)
Plot for Low Channel

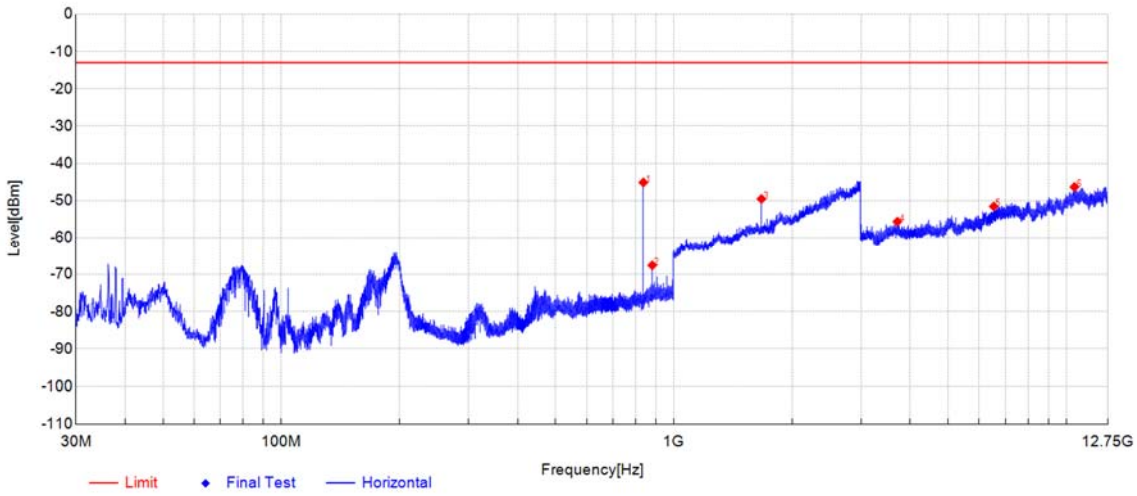


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1787	-36.74	-42.54	-5.8	-	-	Horizontal	PK	NA
881.3631	-62.69	-67.43	-4.7	-	-	Horizontal	PK	NA
1648.5297	-51.67	-49.03	2.6	-13.0	36.0	Horizontal	PK	PASS
3296.9023	-53.50	-54.78	-1.3	-13.0	41.8	Horizontal	PK	PASS
7025.9763	-61.76	-50.00	11.8	-13.0	37.0	Horizontal	PK	PASS
10894.969	-67.69	-46.76	20.9	-13.0	33.8	Horizontal	PK	PASS

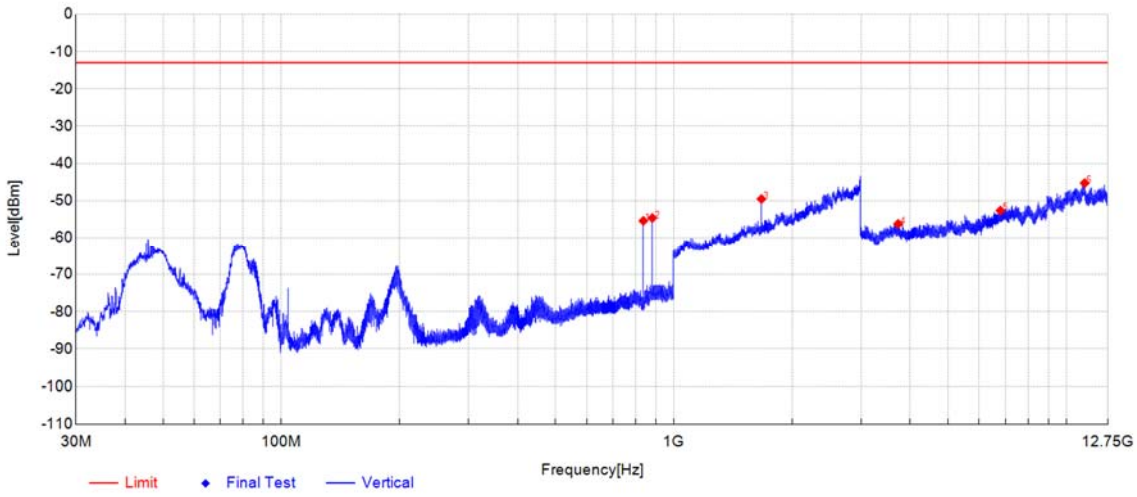


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.2272	-45.79	-51.68	-5.9	-	-	Vertical	PK	NA
869.2375	-54.26	-59.13	-4.9	-	-	Vertical	PK	NA
1648.5297	-51.10	-48.62	2.5	-13.0	35.6	Vertical	PK	PASS
4120.8185	-57.81	-55.67	2.1	-13.0	42.7	Vertical	PK	PASS
7437.9344	-62.16	-50.33	11.8	-13.0	37.3	Vertical	PK	PASS
11093.392	-67.70	-45.32	22.4	-13.0	32.3	Vertical	PK	PASS

Plot for Mid Channel

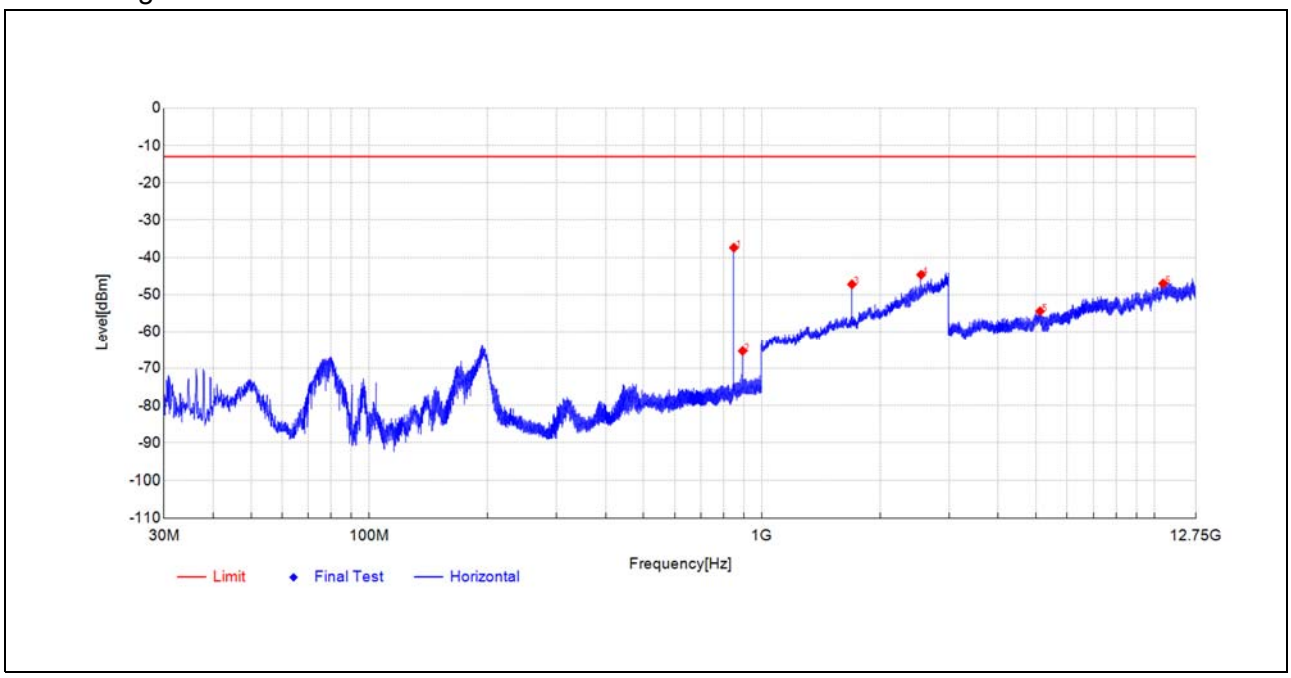


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4983	-39.57	-45.10	-5.5	-	-	Horizontal	PK	NA
881.3146	-62.84	-67.58	-4.7	-	-	Horizontal	PK	NA
1672.5345	-52.03	-49.53	2.5	-13.0	36.5	Horizontal	PK	PASS
3711.2981	-57.30	-55.63	1.7	-13.0	42.6	Horizontal	PK	PASS
6536.0143	-62.31	-51.54	10.8	-13.0	38.5	Horizontal	PK	PASS
10486.424	-66.14	-46.33	19.8	-13.0	33.3	Horizontal	PK	PASS

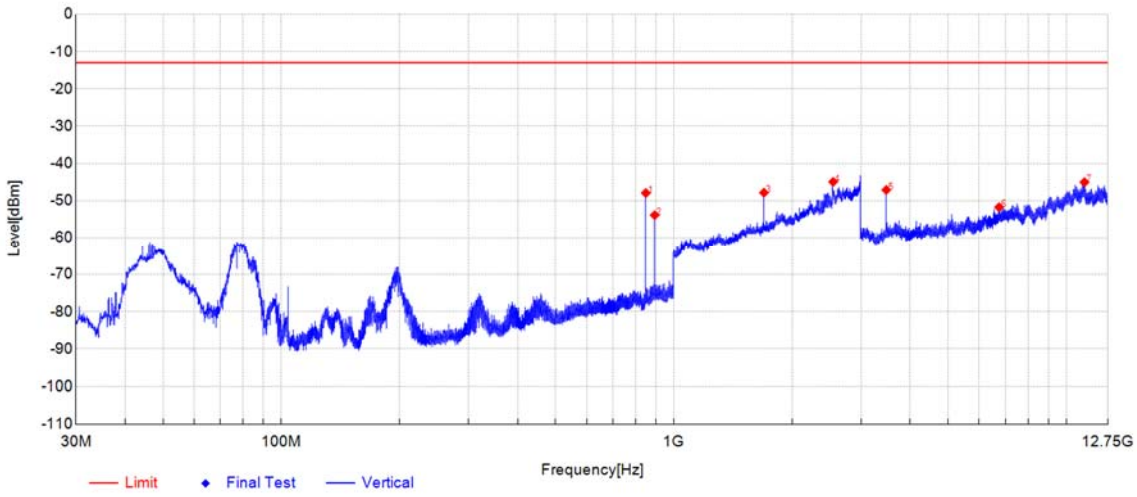


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4013	-49.57	-55.40	-5.8	-	-	Vertical	PK	NA
881.4601	-50.16	-54.63	-4.5	-	-	Vertical	PK	NA
1672.5345	-52.27	-49.53	2.7	-13.0	36.5	Vertical	PK	PASS
3729.824	-57.64	-56.21	1.4	-13.0	43.2	Vertical	PK	PASS
6793.4272	-63.58	-52.64	10.9	-13.0	39.6	Vertical	PK	PASS
11137.756	-67.15	-45.27	21.9	-13.0	32.3	Vertical	PK	PASS

Plot for High Channel



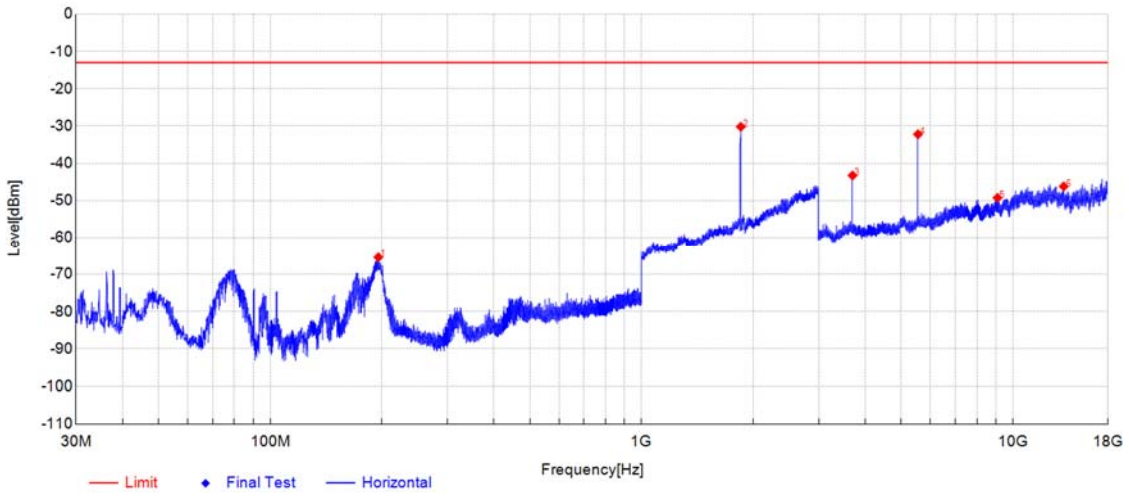
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8179	-32.21	-37.40	-5.2	-	-	Horizontal	PK	NA
893.7797	-60.67	-65.34	-4.7	-	-	Horizontal	PK	NA
1697.3395	-50.13	-47.21	2.9	-13.0	34.2	Horizontal	PK	PASS
2546.3093	-55.68	-44.66	11.0	-13.0	31.7	Horizontal	PK	PASS
5115.3683	-60.35	-54.43	5.9	-13.0	41.4	Horizontal	PK	PASS
10525.913	-66.79	-47.00	19.8	-13.0	34.0	Horizontal	PK	PASS



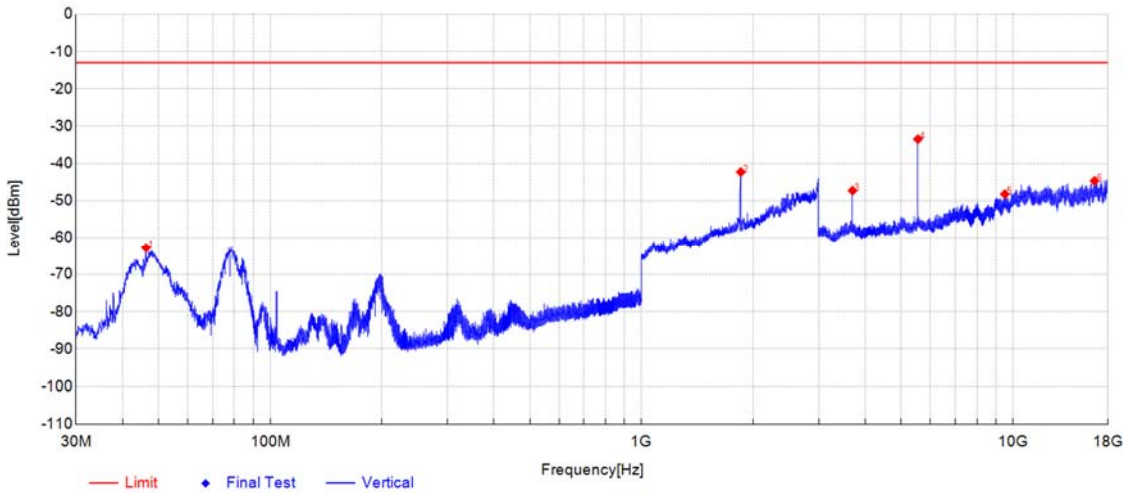
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.7694	-42.39	-47.92	-5.5	-	-	Vertical	PK	NA
893.8767	-49.43	-53.86	-4.4	-	-	Vertical	PK	NA
1697.3395	-50.92	-47.83	3.1	-13.0	34.8	Vertical	PK	PASS
2546.3093	-56.39	-44.94	11.5	-13.0	31.9	Vertical	PK	PASS
3478.2614	-48.19	-47.10	1.1	-13.0	34.1	Vertical	PK	PASS
6742.7246	-62.29	-51.74	10.6	-13.0	38.7	Vertical	PK	PASS
11127.031	-67.05	-45.03	22.0	-13.0	32.0	Vertical	PK	PASS

GSM1900(GSM)

Plot for Low Channel

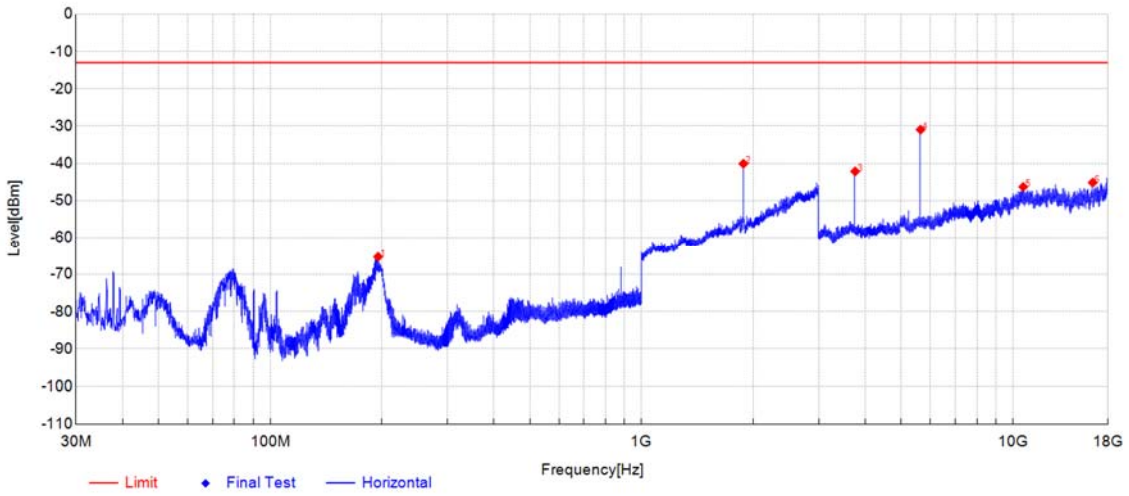


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
195.5388	-46.82	-65.42	-18.6	-13.0	52.4	Horizontal	PK	PASS
1850.17	-34.48	-30.20	4.3	-	-	Horizontal	PK	NA
3700.3858	-45.03	-43.25	1.8	-13.0	30.3	Horizontal	PK	PASS
5550.3643	-38.87	-32.21	6.7	-13.0	19.2	Horizontal	PK	PASS
9090.3636	-64.90	-49.23	15.7	-13.0	36.2	Horizontal	PK	PASS
13698.547	-69.84	-46.19	23.7	-13.0	33.2	Horizontal	PK	PASS

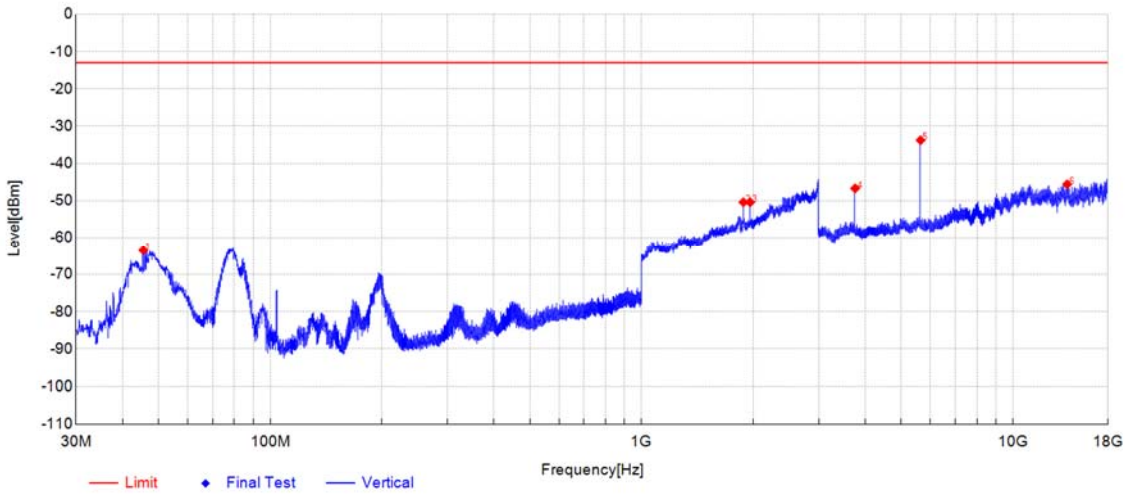


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.2968	-42.95	-62.76	-19.8	-13.0	49.8	Vertical	PK	PASS
1850.17	-46.63	-42.31	4.3	-	-	Vertical	PK	NA
3700.8144	-49.04	-47.28	1.8	-13.0	34.3	Vertical	PK	PASS
5550.793	-39.84	-33.49	6.4	-13.0	20.5	Vertical	PK	PASS
9513.2605	-65.31	-48.23	17.1	-13.0	35.2	Vertical	PK	PASS
16592.103	-70.49	-44.67	25.8	-13.0	31.7	Vertical	PK	PASS

Plot for Mid Channel

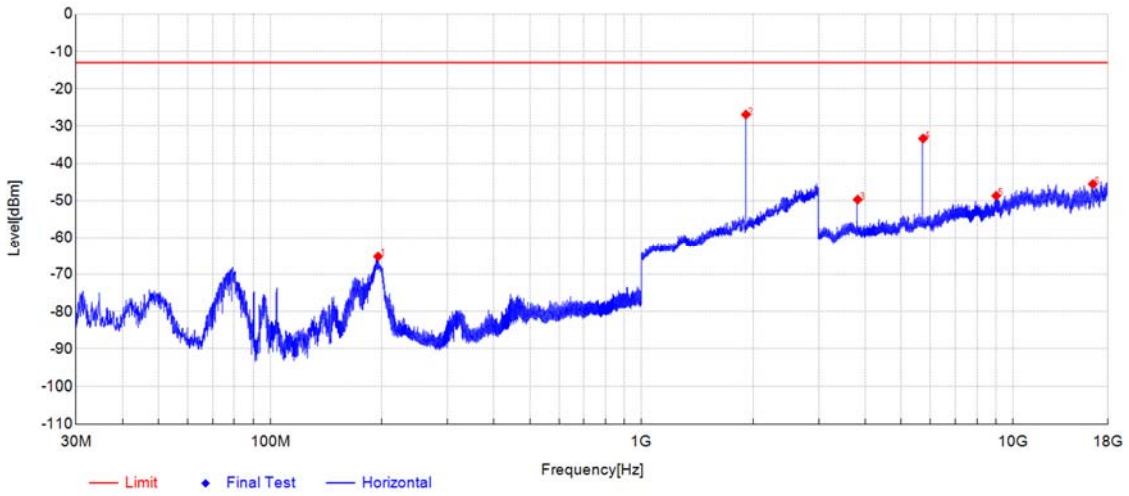


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
195.2478	-46.63	-65.28	-18.7	-13.0	52.3	Horizontal	PK	PASS
1880.176	-45.38	-40.10	5.3	-	-	Horizontal	PK	NA
3759.9657	-43.34	-42.16	1.2	-13.0	29.2	Horizontal	PK	PASS
5639.9486	-38.05	-30.95	7.1	-13.0	18.0	Horizontal	PK	PASS
10657.626	-65.38	-46.30	19.1	-13.0	33.3	Horizontal	PK	PASS
16405.856	-70.72	-45.14	25.6	-13.0	32.1	Horizontal	PK	PASS

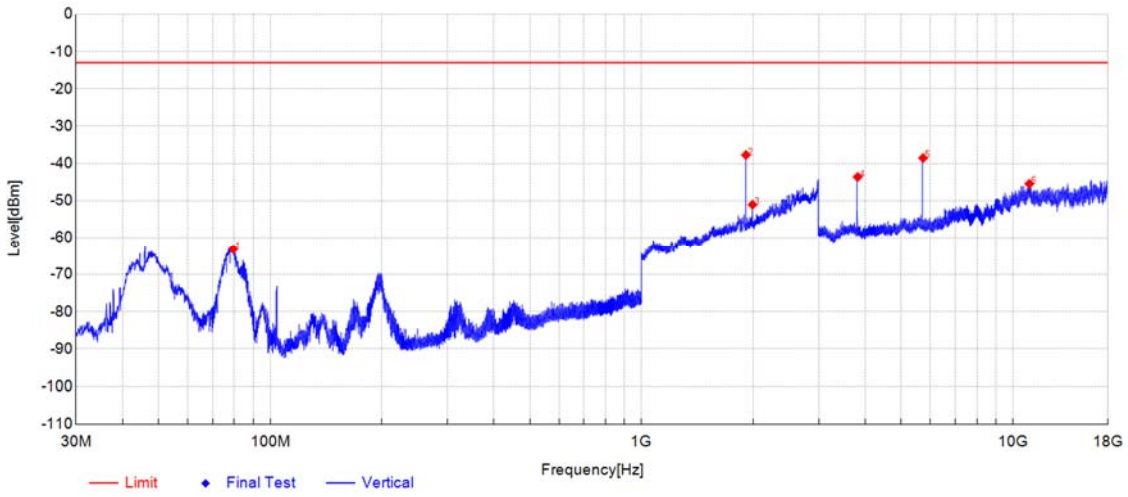


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
45.5208	-43.43	-63.49	-20.1	-13.0	50.5	Vertical	PK	PASS
1880.176	-55.51	-50.40	5.1	-	-	Vertical	PK	NA
1959.792	-54.60	-50.41	4.2	-	-	Vertical	PK	NA
3759.9657	-47.77	-46.69	1.1	-13.0	33.7	Vertical	PK	PASS
5639.9486	-40.47	-33.77	6.7	-13.0	20.8	Vertical	PK	PASS
13998.559	-69.87	-45.59	24.3	-13.0	32.6	Vertical	PK	PASS

Plot for High Channel



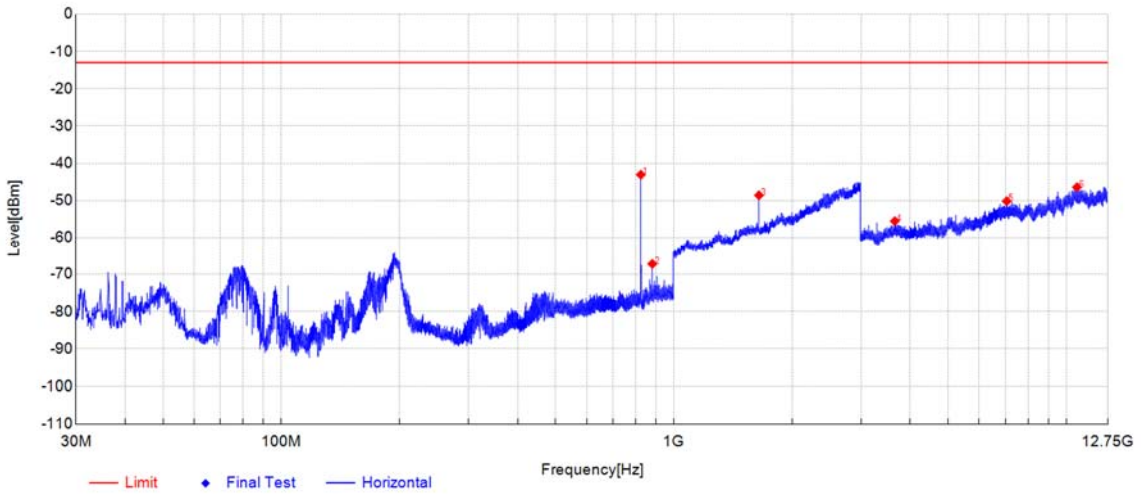
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
195.1508	-46.55	-65.21	-18.7	-13.0	52.2	Horizontal	PK	PASS
1909.782	-31.15	-26.92	4.2	-	-	Horizontal	PK	NA
3819.5456	-50.59	-49.71	0.9	-13.0	36.7	Horizontal	PK	PASS
5729.1042	-40.77	-33.34	7.4	-13.0	20.3	Horizontal	PK	PASS
9014.5206	-64.16	-48.69	15.5	-13.0	35.7	Horizontal	PK	PASS
16407.296	-71.07	-45.54	25.5	-13.0	32.5	Horizontal	PK	PASS



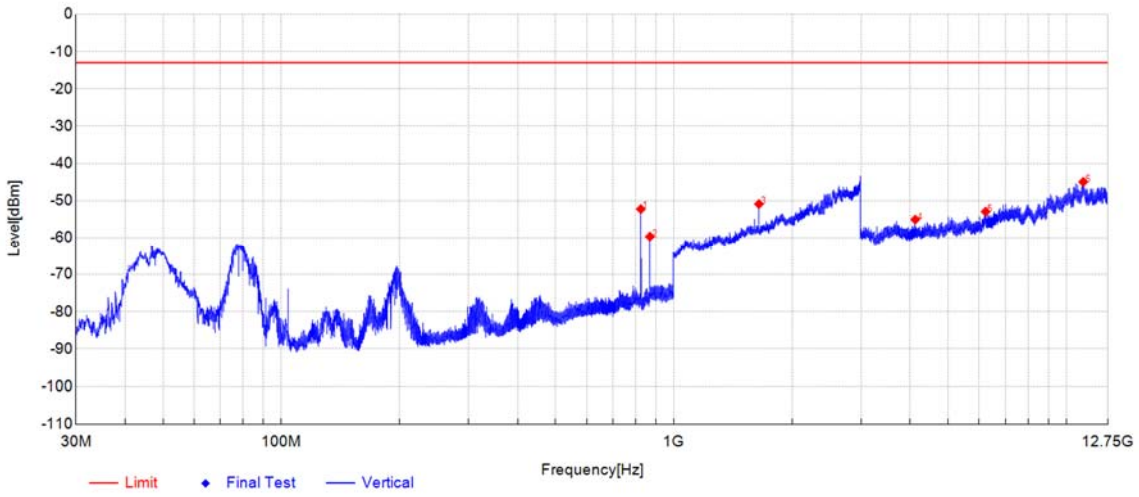
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.521	-40.06	-63.19	-23.1	-13.0	50.2	Vertical	PK	PASS
1909.782	-42.58	-37.73	4.9	-	-	Vertical	PK	NA
1989.798	-55.45	-51.05	4.4	-	-	Vertical	PK	NA
3819.5456	-44.33	-43.63	0.7	-13.0	30.6	Vertical	PK	PASS
5729.5328	-45.09	-38.54	6.6	-13.0	25.5	Vertical	PK	PASS
11074.283	-67.35	-45.47	21.9	-13.0	32.5	Vertical	PK	PASS
15277.811	-65.35	-41.30	24.1	-13.0	28.3	Vertical	PK	PASS

GSM850(EDGE)

Plot for Low Channel

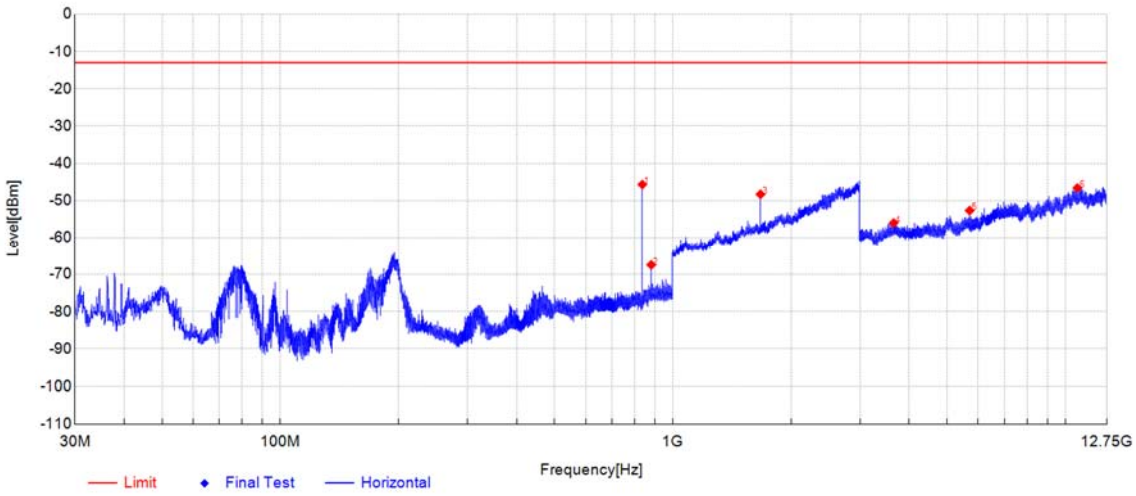


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.2757	-37.25	-43.05	-5.8	-	-	Horizontal	PK	NA
881.4116	-62.46	-67.20	-4.7	-	-	Horizontal	PK	NA
1648.5297	-51.20	-48.56	2.6	-13.0	35.6	Horizontal	PK	PASS
3656.2078	-57.22	-55.50	1.7	-13.0	42.5	Horizontal	PK	PASS
7052.3026	-62.03	-50.13	11.9	-13.0	37.1	Horizontal	PK	PASS
10648.282	-65.63	-46.41	19.2	-13.0	33.4	Horizontal	PK	PASS

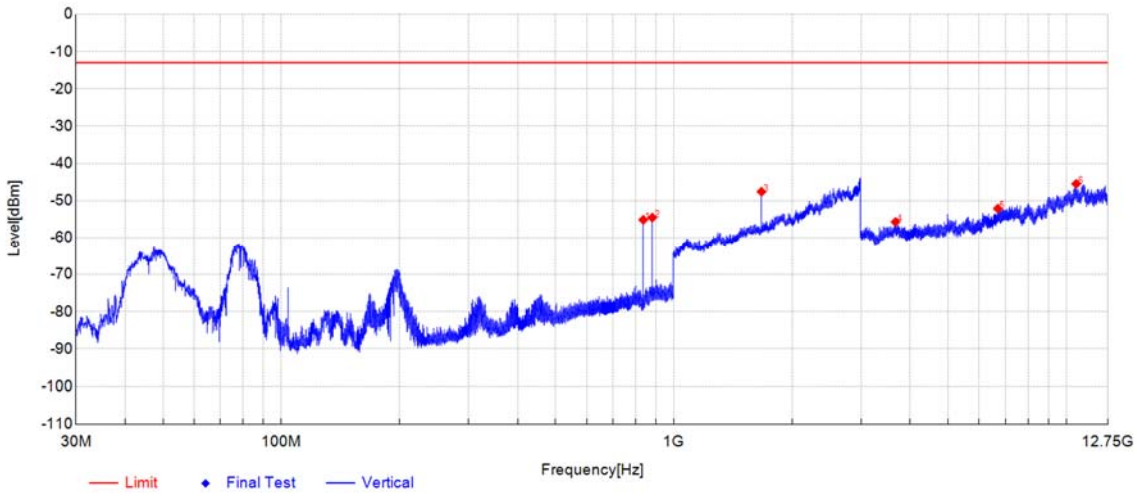


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-46.34	-52.23	-5.9	-	-	Vertical	PK	NA
869.286	-54.76	-59.62	-4.9	-	-	Vertical	PK	NA
1648.1296	-53.35	-50.87	2.5	-13.0	37.9	Vertical	PK	PASS
4121.7936	-57.21	-55.06	2.2	-13.0	42.1	Vertical	PK	PASS
6230.824	-62.09	-52.92	9.2	-13.0	39.9	Vertical	PK	PASS
11044.639	-67.13	-44.95	22.2	-13.0	32.0	Vertical	PK	PASS

Plot for Mid Channel

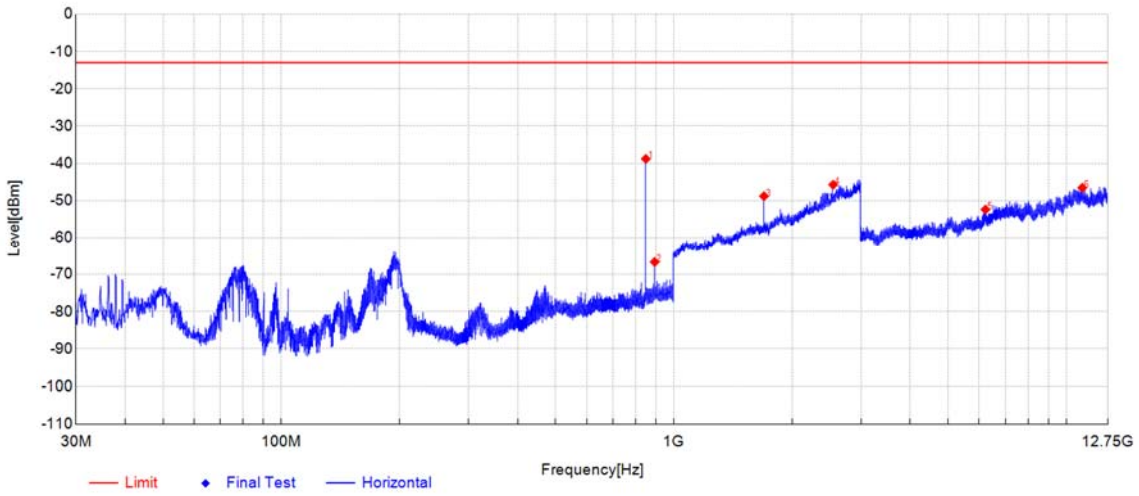


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4013	-40.14	-45.68	-5.5	-	-	Horizontal	PK	NA
881.3631	-62.72	-67.46	-4.7	-	-	Horizontal	PK	NA
1672.9346	-50.78	-48.28	2.5	-13.0	35.3	Horizontal	PK	PASS
3652.3076	-57.70	-55.98	1.7	-13.0	43.0	Horizontal	PK	PASS
5706.7353	-60.11	-52.65	7.5	-13.0	39.7	Horizontal	PK	PASS
10730.186	-65.93	-46.61	19.3	-13.0	33.6	Horizontal	PK	PASS

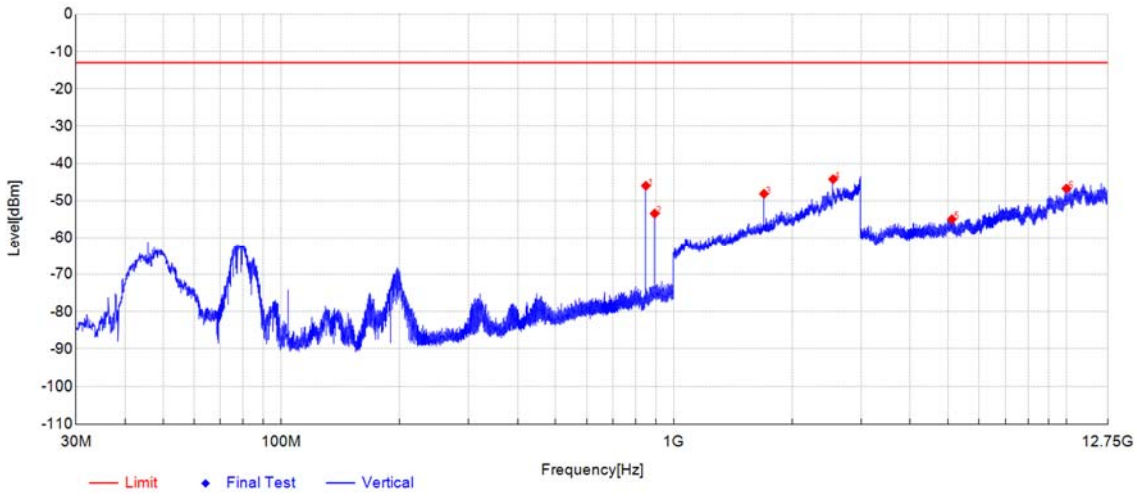


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.3528	-49.28	-55.11	-5.8	-	-	Vertical	PK	NA
881.4601	-50.05	-54.52	-4.5	-	-	Vertical	PK	NA
1672.5345	-50.30	-47.56	2.7	-13.0	34.6	Vertical	PK	PASS
3671.8086	-57.37	-55.68	1.7	-13.0	42.7	Vertical	PK	PASS
6694.4597	-62.35	-52.12	10.2	-13.0	39.1	Vertical	PK	PASS
10601.967	-65.66	-45.47	20.2	-13.0	32.5	Vertical	PK	PASS

Plot for High Channel



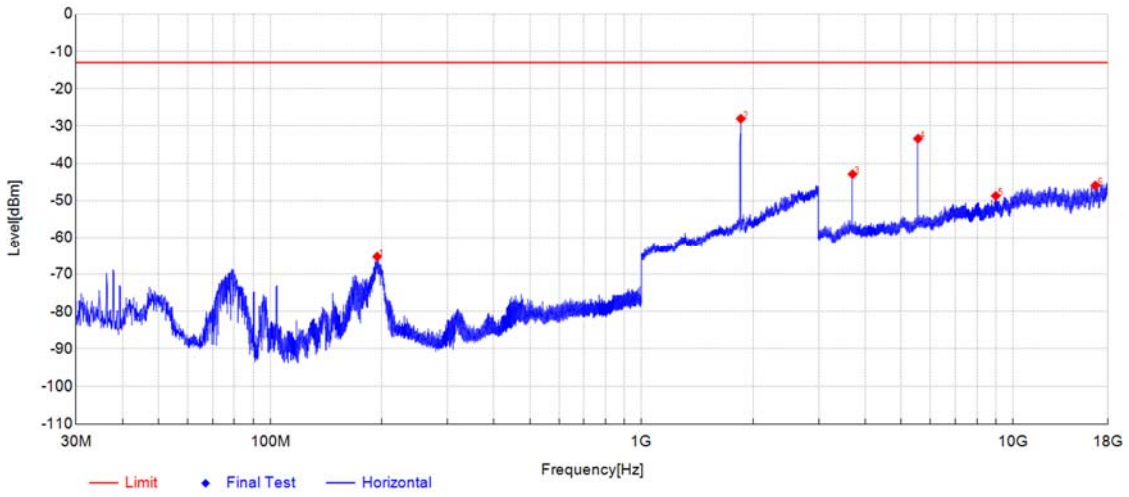
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-33.60	-38.79	-5.2	-	-	Horizontal	PK	NA
893.8282	-62.01	-66.68	-4.7	-	-	Horizontal	PK	NA
1697.3395	-51.71	-48.79	2.9	-13.0	35.8	Horizontal	PK	PASS
2546.7093	-56.75	-45.73	11.0	-13.0	32.7	Horizontal	PK	PASS
6223.5112	-62.28	-52.36	9.9	-13.0	39.4	Horizontal	PK	PASS
10982.724	-67.51	-46.54	21.0	-13.0	33.5	Horizontal	PK	PASS



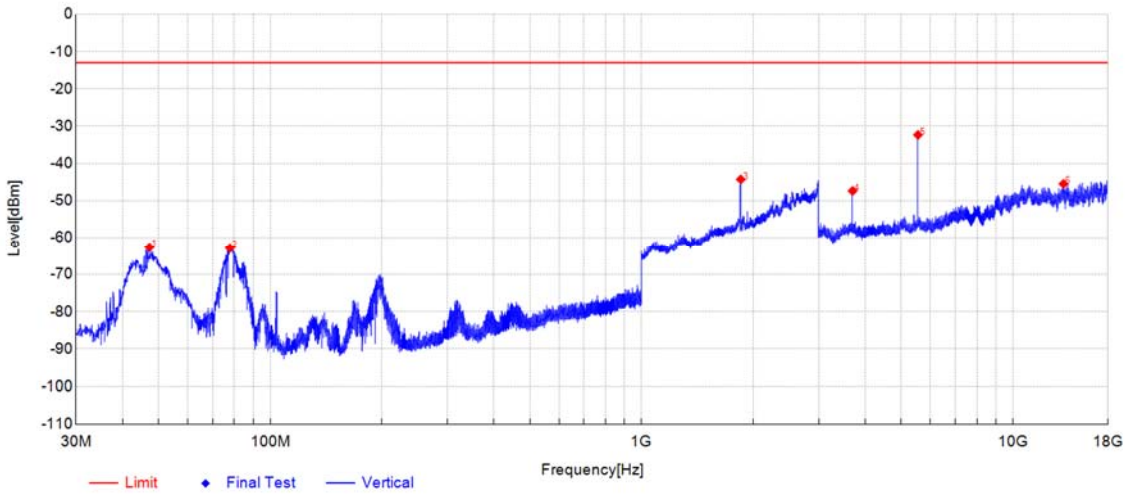
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-40.47	-45.99	-5.5	-	-	Vertical	PK	NA
893.7797	-49.01	-53.44	-4.4	-	-	Vertical	PK	NA
1697.3395	-51.23	-48.14	3.1	-13.0	35.1	Vertical	PK	PASS
2546.3093	-55.67	-44.22	11.5	-13.0	31.2	Vertical	PK	PASS
5112.4431	-60.34	-54.95	5.4	-13.0	42.0	Vertical	PK	PASS
10007.675	-65.03	-46.73	18.3	-13.0	33.7	Vertical	PK	PASS

GSM1900(EDGE)

Plot for Low Channel

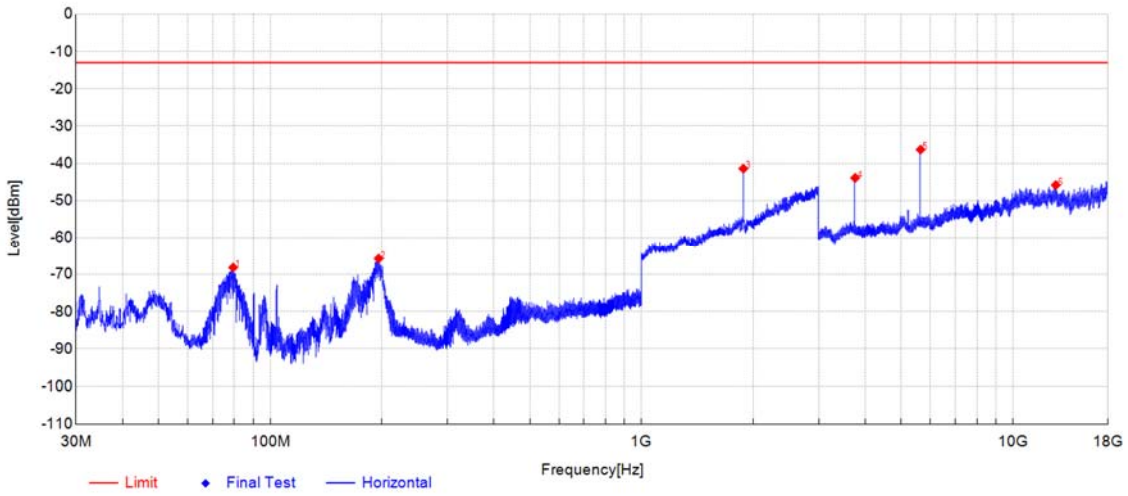


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.0837	-46.43	-65.28	-18.9	-13.0	52.3	Horizontal	PK	PASS
1850.17	-32.32	-28.04	4.3	-	-	Horizontal	PK	NA
3700.3858	-44.69	-42.91	1.8	-13.0	29.9	Horizontal	PK	PASS
5550.3643	-40.05	-33.39	6.7	-13.0	20.4	Horizontal	PK	PASS
8987.6395	-64.05	-48.73	15.3	-13.0	35.7	Horizontal	PK	PASS
16672.266	-70.65	-45.94	24.7	-13.0	32.9	Horizontal	PK	PASS

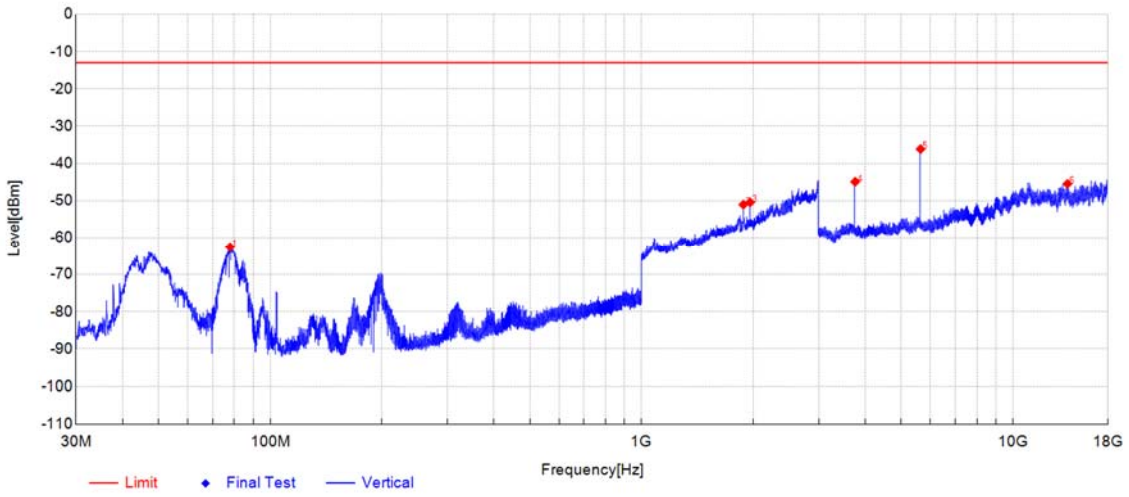


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.3154	-43.15	-62.62	-19.5	-13.0	49.6	Vertical	PK	PASS
77.8719	-40.12	-62.83	-22.7	-13.0	49.8	Vertical	PK	PASS
1850.17	-48.61	-44.29	4.3	-	-	Vertical	PK	NA
3700.3858	-49.13	-47.36	1.8	-13.0	34.4	Vertical	PK	PASS
5550.3643	-38.70	-32.35	6.4	-13.0	19.4	Vertical	PK	PASS
13679.827	-70.05	-45.49	24.6	-13.0	32.5	Vertical	PK	PASS

Plot for Mid Channel

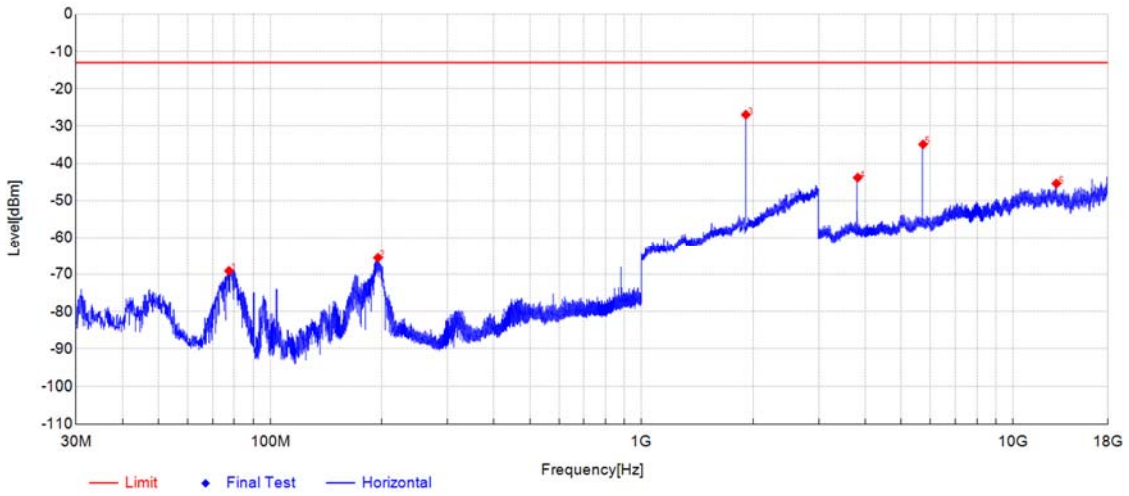


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.4725	-44.46	-68.17	-23.7	-13.0	55.2	Horizontal	PK	PASS
195.8783	-47.21	-65.75	-18.5	-13.0	52.8	Horizontal	PK	PASS
1879.776	-46.69	-41.41	5.3	-	-	Horizontal	PK	NA
3759.9657	-45.08	-43.90	1.2	-13.0	30.9	Horizontal	PK	PASS
5639.9486	-43.40	-36.30	7.1	-13.0	23.3	Horizontal	PK	PASS
13041.881	-69.08	-45.82	23.3	-13.0	32.8	Horizontal	PK	PASS

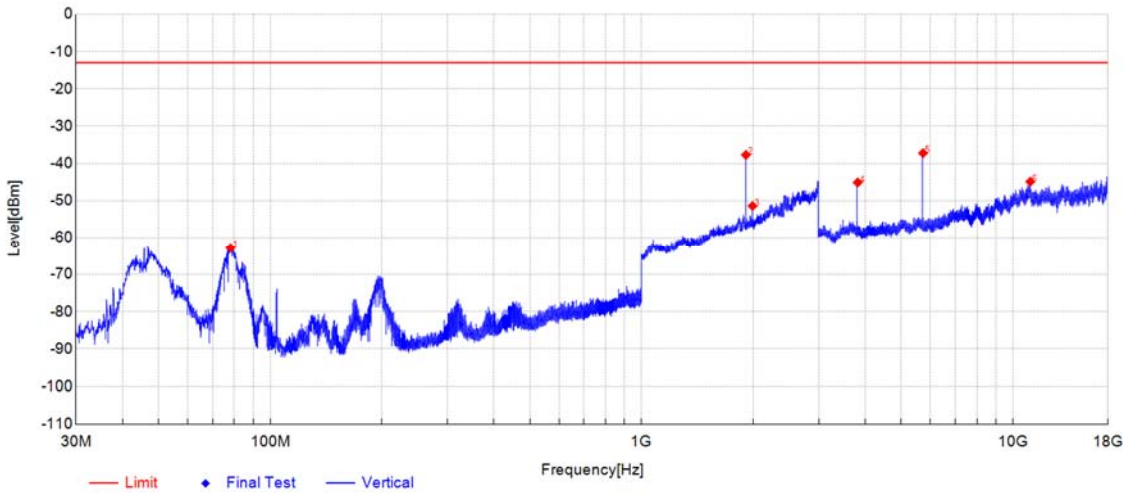


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
77.9689	-39.81	-62.55	-22.7	-13.0	49.6	Vertical	PK	PASS
1879.776	-56.14	-51.04	5.1	-	-	Vertical	PK	NA
1960.192	-54.63	-50.42	4.2	-	-	Vertical	PK	NA
3759.9657	-45.99	-44.91	1.1	-13.0	31.9	Vertical	PK	PASS
5639.9486	-42.85	-36.15	6.7	-13.0	23.2	Vertical	PK	PASS
14027.841	-70.06	-45.48	24.6	-13.0	32.5	Vertical	PK	PASS

Plot for High Channel



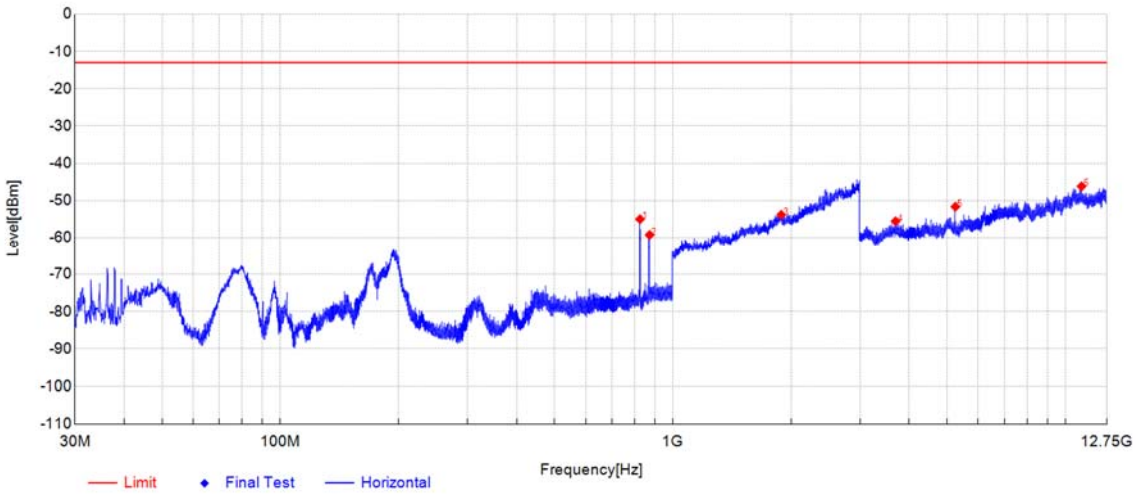
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
77.4354	-46.03	-69.07	-23.0	-13.0	56.1	Horizontal	PK	PASS
195.0538	-46.87	-65.55	-18.7	-13.0	52.6	Horizontal	PK	PASS
1909.782	-31.18	-26.95	4.2	-	-	Horizontal	PK	NA
3819.117	-44.71	-43.83	0.9	-13.0	30.8	Horizontal	PK	PASS
5729.1042	-42.33	-34.90	7.4	-13.0	21.9	Horizontal	PK	PASS
13093.723	-69.50	-45.41	24.1	-13.0	32.4	Horizontal	PK	PASS



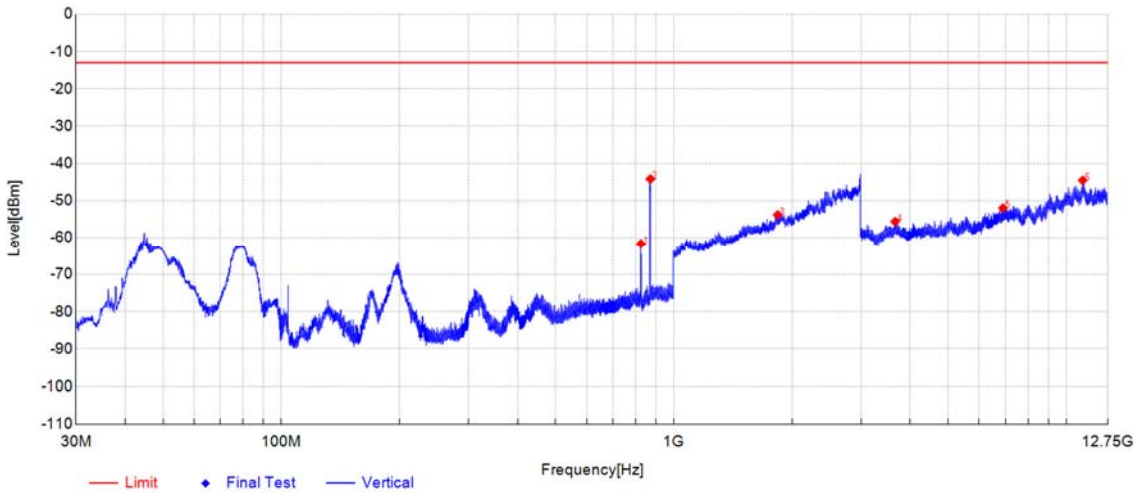
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
78.1629	-40.01	-62.80	-22.8	-13.0	49.8	Vertical	PK	PASS
1909.782	-42.57	-37.72	4.9	-	-	Vertical	PK	NA
1989.798	-55.81	-51.41	4.4	-	-	Vertical	PK	NA
3819.5456	-45.81	-45.11	0.7	-13.0	32.1	Vertical	PK	PASS
5729.5328	-43.79	-37.24	6.6	-13.0	24.2	Vertical	PK	PASS
11137.645	-66.63	-44.88	21.8	-13.0	31.9	Vertical	PK	PASS

WCDMA Band V(WCDMA)

Plot for Low Channel

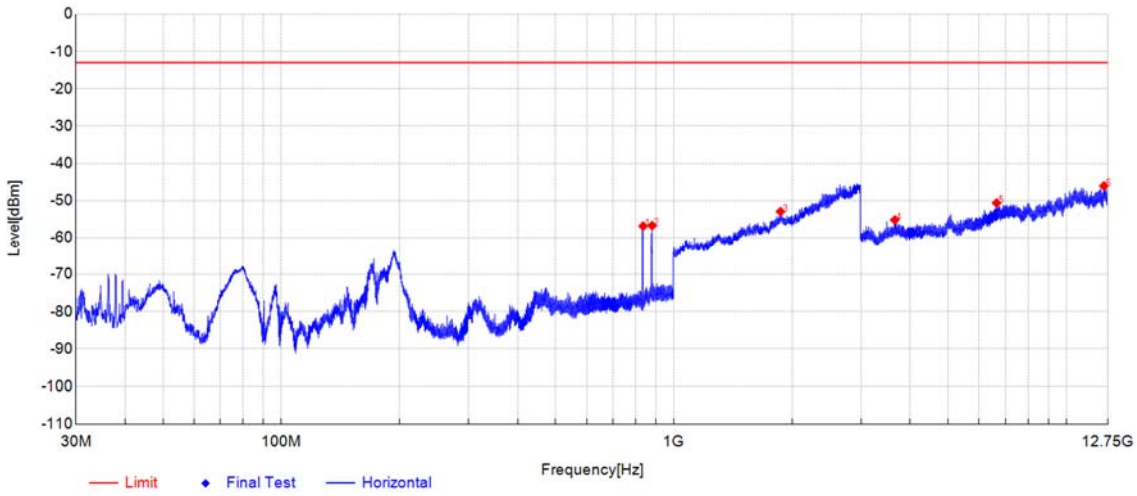


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.9547	-49.18	-54.97	-5.8	-	-	Horizontal	PK	NA
872.5841	-54.38	-59.21	-4.8	-	-	Horizontal	PK	NA
1889.3779	-59.50	-53.78	5.7	-13.0	40.8	Horizontal	PK	PASS
3694.7222	-57.30	-55.53	1.8	-13.0	42.5	Horizontal	PK	PASS
5247.4874	-56.88	-51.62	5.3	-13.0	38.6	Horizontal	PK	PASS
10998.812	-67.14	-46.17	21.0	-13.0	33.2	Horizontal	PK	PASS

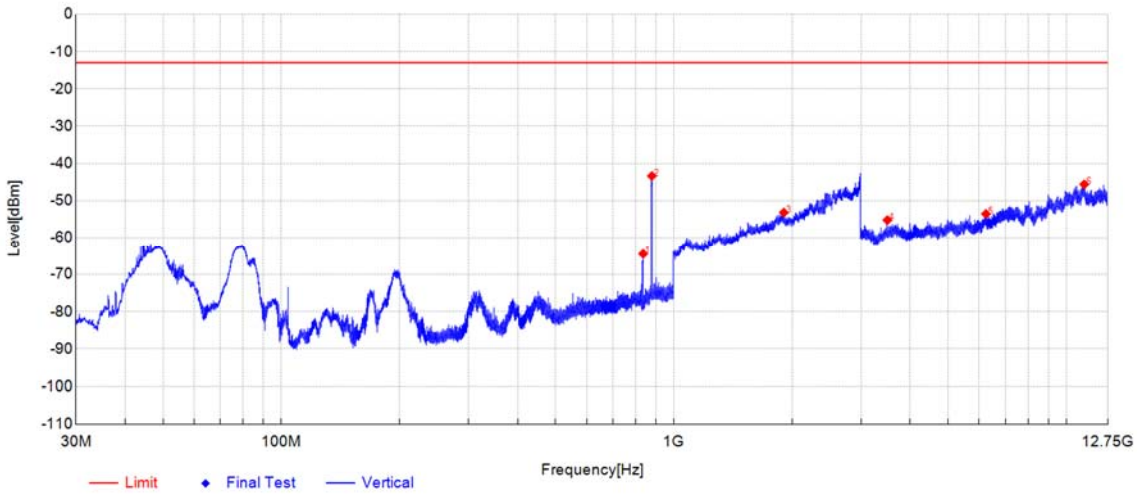


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.7122	-55.75	-61.65	-5.9	-	-	Vertical	PK	NA
871.9051	-39.41	-44.18	-4.8	-	-	Vertical	PK	NA
1838.5677	-59.07	-53.82	5.3	-13.0	40.8	Vertical	PK	PASS
3663.5207	-57.28	-55.61	1.7	-13.0	42.6	Vertical	PK	PASS
6896.7823	-62.57	-51.97	10.6	-13.0	39.0	Vertical	PK	PASS
11004.662	-66.54	-44.53	22.0	-13.0	31.5	Vertical	PK	PASS

Plot for Mid Channel

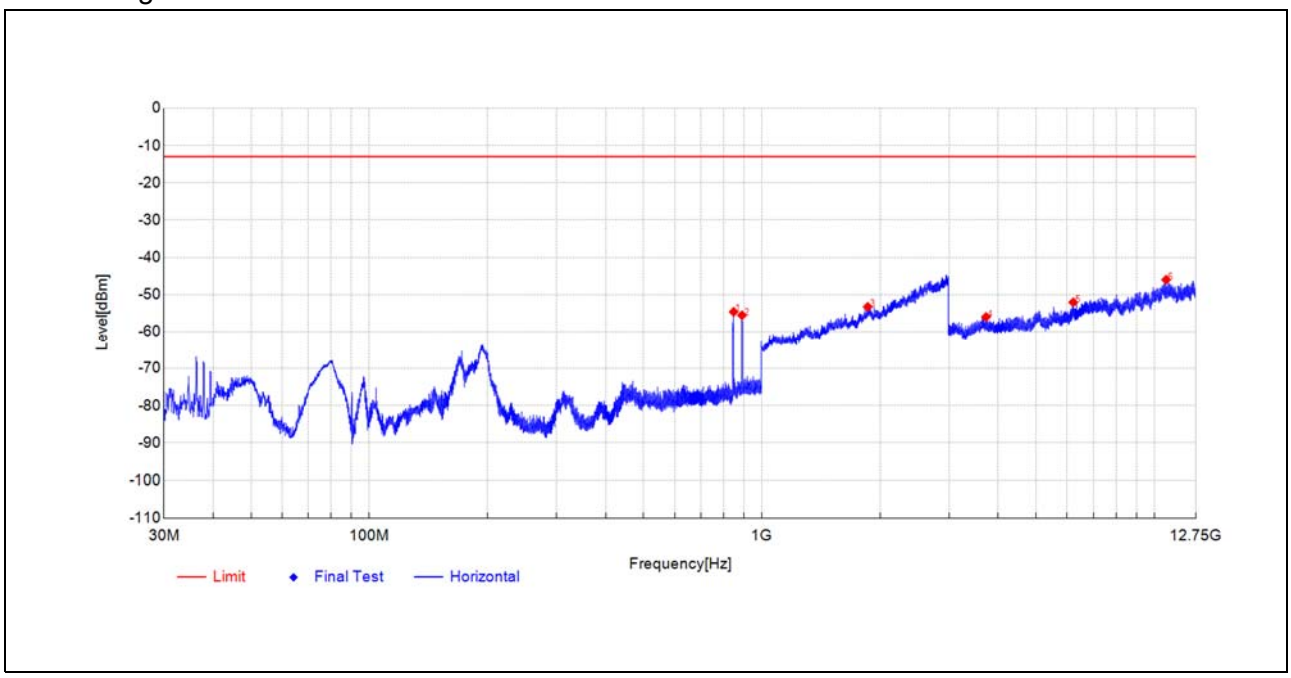


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.5768	-51.27	-56.83	-5.6	-	-	Horizontal	PK	PASS
880.684	-51.94	-56.69	-4.8	-	-	Horizontal	PK	PASS
1870.5741	-58.61	-52.92	5.7	-13.0	39.9	Horizontal	PK	PASS
3656.2078	-56.88	-55.16	1.7	-13.0	42.2	Horizontal	PK	NA
6643.7572	-61.93	-50.61	11.3	-13.0	37.6	Horizontal	PK	NA
12469.186	-68.77	-46.06	22.7	-13.0	33.1	Horizontal	PK	PASS

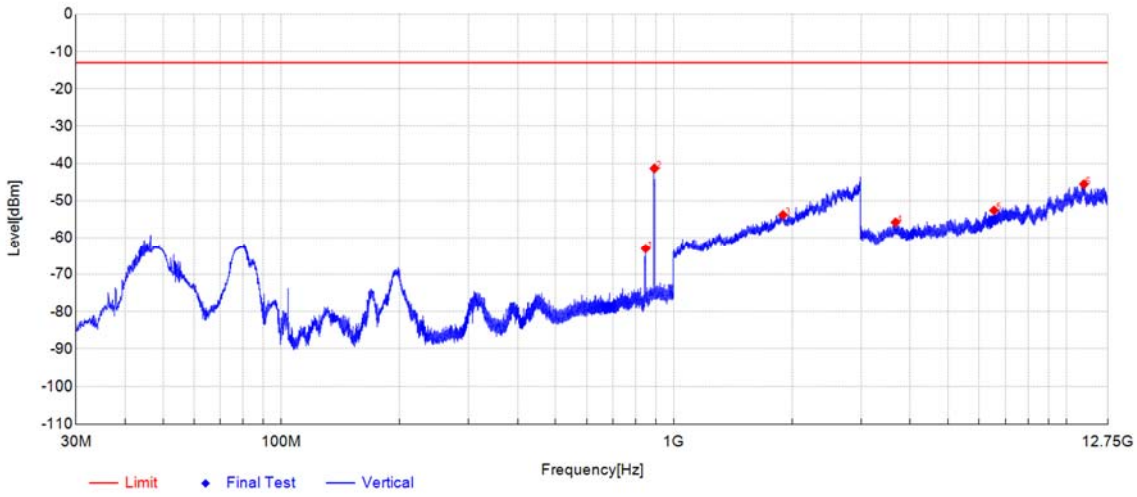


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.5283	-58.60	-64.45	-5.9	-	-	Vertical	PK	NA
879.326	-38.87	-43.37	-4.5	-	-	Vertical	PK	NA
1907.3815	-58.94	-53.17	5.8	-13.0	40.2	Vertical	PK	PASS
3501.1751	-56.51	-55.21	1.3	-13.0	42.2	Vertical	PK	PASS
6241.0621	-62.64	-53.55	9.1	-13.0	40.6	Vertical	PK	PASS
11108.993	-67.90	-45.61	22.3	-13.0	32.6	Vertical	PK	PASS

Plot for High Channel



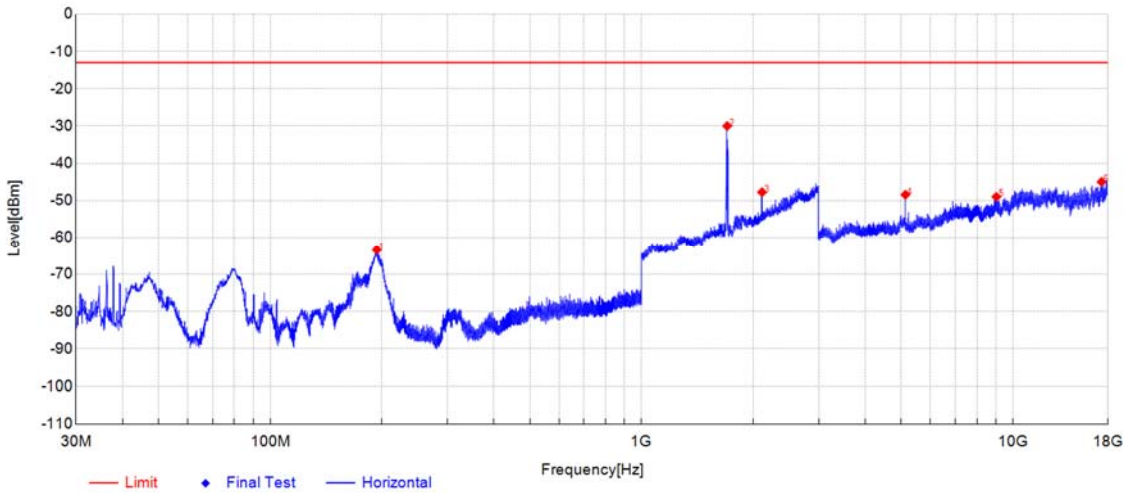
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
847.8964	-49.38	-54.59	-5.2	-	-	Horizontal	PK	NA
890.239	-50.82	-55.51	-4.7	-	-	Horizontal	PK	NA
1861.3723	-58.55	-53.25	5.3	-13.0	40.3	Horizontal	PK	PASS
3726.4113	-57.49	-55.98	1.5	-13.0	43.0	Horizontal	PK	PASS
6215.7108	-62.01	-52.05	10.0	-13.0	39.1	Horizontal	PK	PASS
10716.535	-65.16	-46.00	19.2	-13.0	33.0	Horizontal	PK	PASS



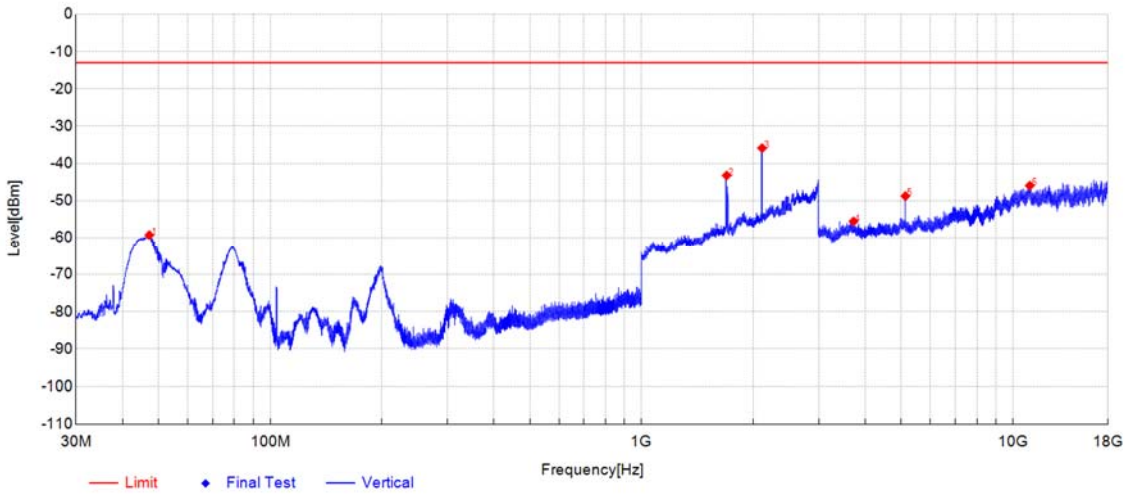
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
847.7509	-57.43	-62.98	-5.6	-	-	Vertical	PK	NA
892.5671	-36.92	-41.35	-4.4	-	-	Vertical	PK	NA
1897.3795	-59.68	-53.79	5.9	-13.0	40.8	Vertical	PK	PASS
3671.8086	-57.50	-55.81	1.7	-13.0	42.8	Vertical	PK	PASS
6544.7897	-62.21	-52.60	9.6	-13.0	39.6	Vertical	PK	PASS
11089.004	-67.92	-45.55	22.4	-13.0	32.6	Vertical	PK	PASS

WCDMA Band IV(WCDMA)

Plot for Low Channel

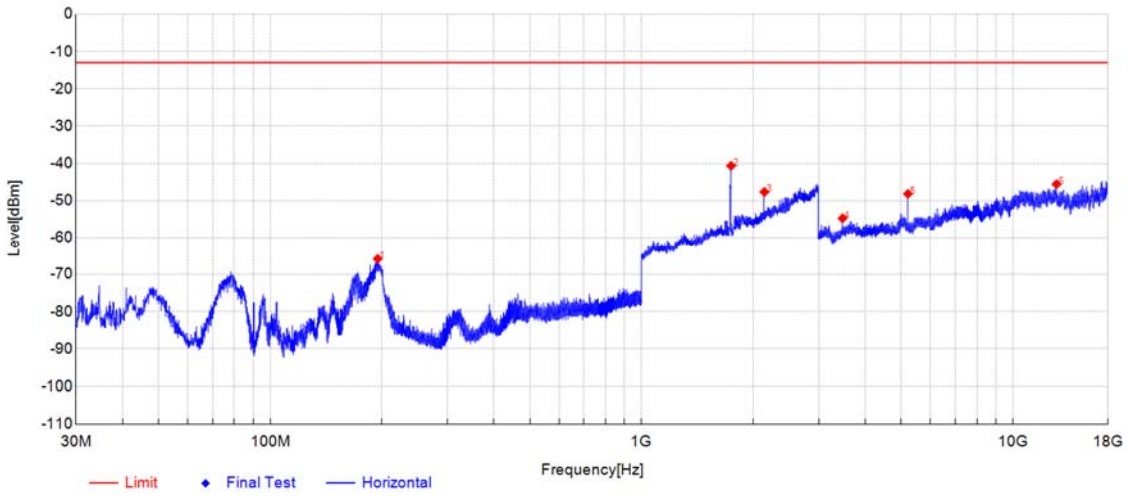


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
193.6472	-44.50	-63.39	-18.9	-13.0	50.4	Horizontal	PK	PASS
1700.14	-33.33	-30.00	3.3	-	-	Horizontal	PK	NA
2111.4223	-53.51	-47.73	5.8	-	-	Horizontal	PK	NA
5134.162	-54.17	-48.43	5.7	-13.0	35.4	Horizontal	PK	PASS
9024.121	-64.47	-48.98	15.5	-13.0	36.0	Horizontal	PK	PASS
17320.292	-69.13	-44.96	24.2	-13.0	32.0	Horizontal	PK	PASS

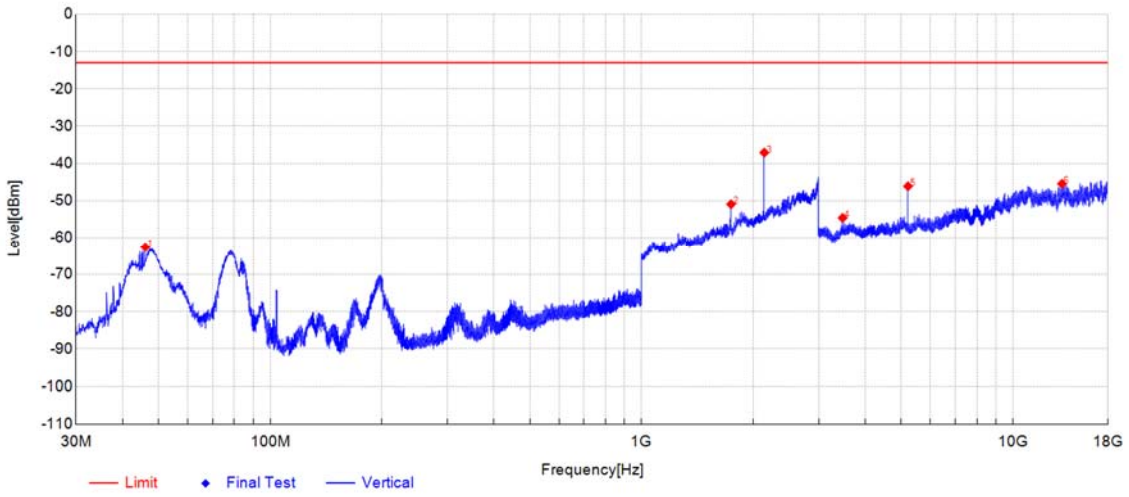


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.2669	-39.76	-59.22	-19.5	-13.0	46.2	Vertical	PK	PASS
1694.5389	-46.44	-43.23	3.2	-	-	Vertical	PK	NA
2111.4223	-41.45	-35.88	5.6	-	-	Vertical	PK	NA
3721.3888	-57.06	-55.54	1.5	-13.0	42.5	Vertical	PK	PASS
5134.5907	-54.01	-48.74	5.3	-13.0	35.7	Vertical	PK	PASS
11102.124	-67.90	-45.96	21.9	-13.0	33.0	Vertical	PK	PASS

Plot for Mid Channel

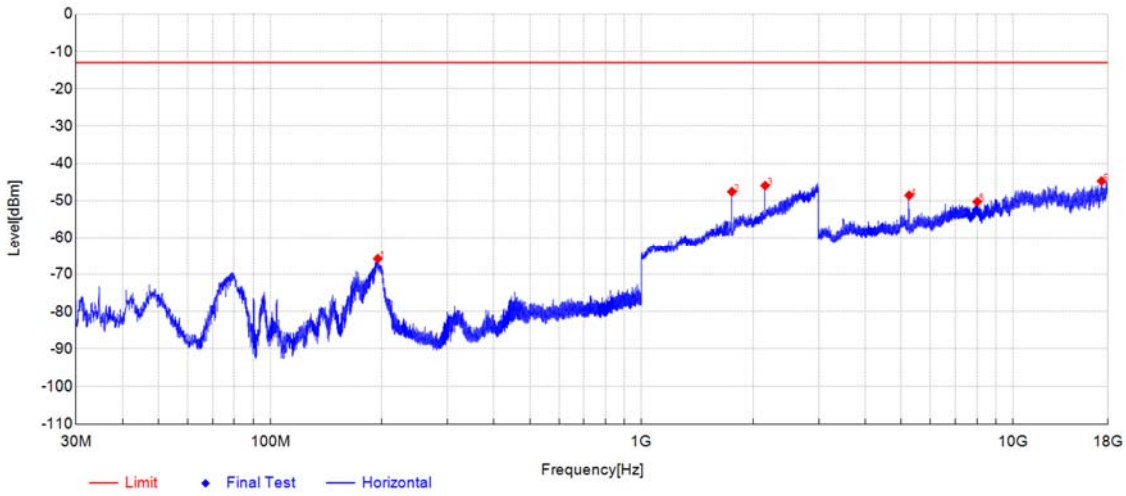


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.7142	-47.12	-65.82	-18.7	-13.0	52.8	Horizontal	PK	PASS
1741.3483	-43.65	-40.67	3.0	-	-	Horizontal	PK	NA
2141.4283	-53.67	-47.65	6.0	-	-	Horizontal	PK	NA
3477.4968	-55.60	-54.73	0.9	-13.0	41.7	Horizontal	PK	PASS
5216.4595	-53.34	-48.17	5.2	-13.0	35.2	Horizontal	PK	PASS
13104.284	-69.66	-45.57	24.1	-13.0	32.6	Horizontal	PK	PASS

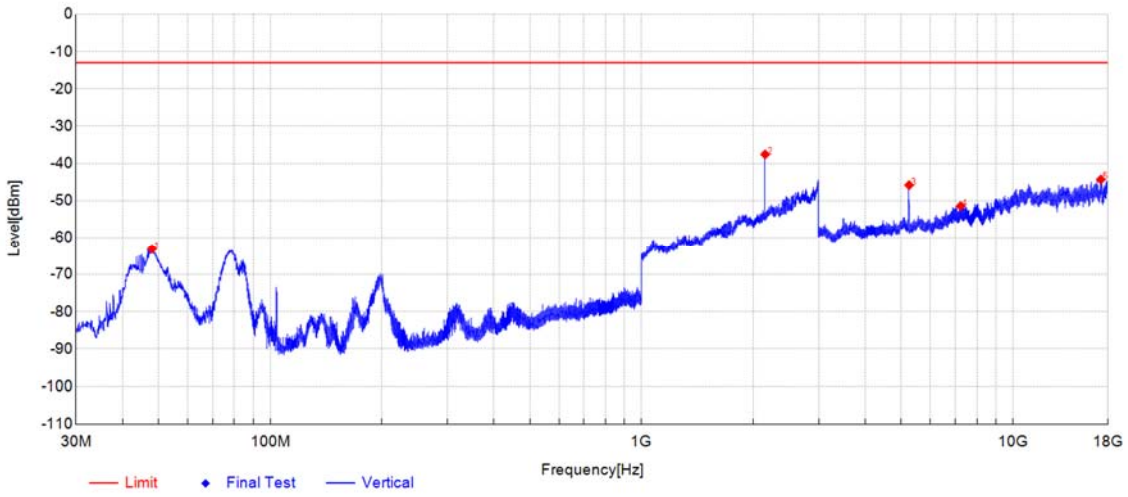


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.1028	-42.74	-62.58	-19.8	-13.0	49.6	Vertical	PK	PASS
1741.3483	-54.37	-50.94	3.4	-	-	Vertical	PK	NA
2140.228	-42.97	-37.09	5.9	-	-	Vertical	PK	NA
3477.9254	-55.69	-54.61	1.1	-13.0	41.6	Vertical	PK	PASS
5216.0309	-51.08	-46.12	5.0	-13.0	33.1	Vertical	PK	PASS
13554.542	-68.80	-45.46	23.3	-13.0	32.5	Vertical	PK	PASS

Plot for High Channel



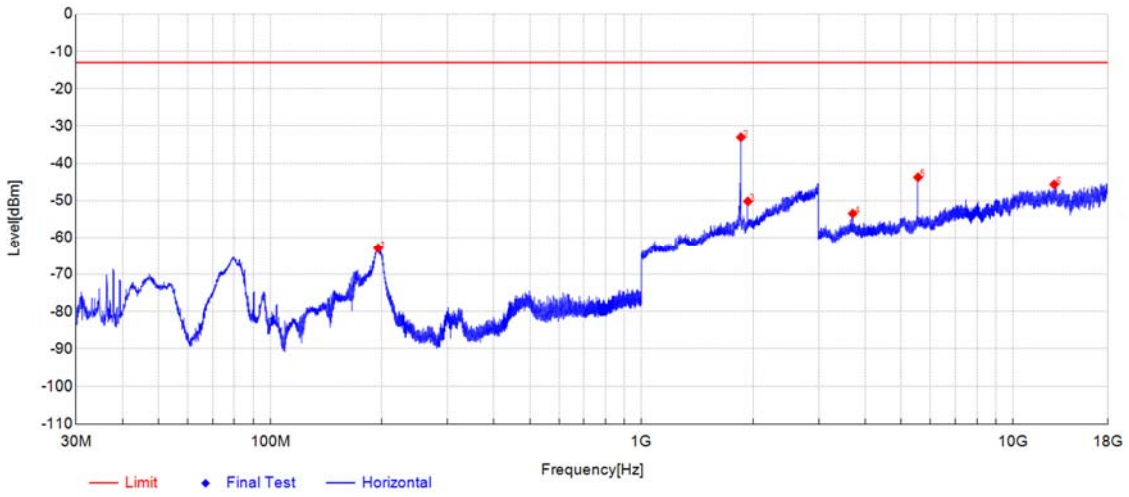
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.8597	-47.14	-65.82	-18.7	-13.0	52.8	Horizontal	PK	PASS
1750.9502	-50.53	-47.61	2.9	-	-	Horizontal	PK	NA
2152.2304	-51.99	-45.96	6.0	-	-	Horizontal	PK	NA
5253.7505	-53.87	-48.58	5.3	-13.0	35.6	Horizontal	PK	PASS
8019.4408	-63.68	-50.29	13.4	-13.0	37.3	Horizontal	PK	PASS
17328.933	-68.99	-44.75	24.2	-13.0	31.8	Horizontal	PK	PASS



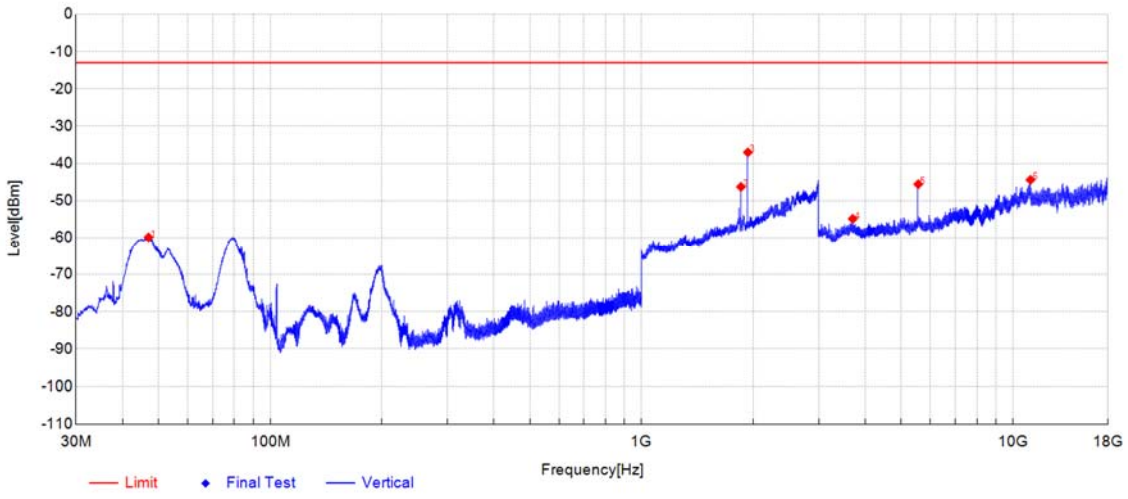
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
48.0429	-43.91	-63.10	-19.2	-13.0	50.1	Vertical	PK	PASS
2151.4303	-43.29	-37.57	5.7	-	-	Vertical	PK	NA
5254.1792	-50.88	-45.81	5.1	-13.0	32.8	Vertical	PK	PASS
7229.8092	-62.90	-51.43	11.5	-13.0	38.4	Vertical	PK	PASS
17254.530	-68.68	-44.30	24.4	-13.0	31.3	Vertical	PK	PASS

WCDMA Band II(WCDMA)

Plot for Low Channel

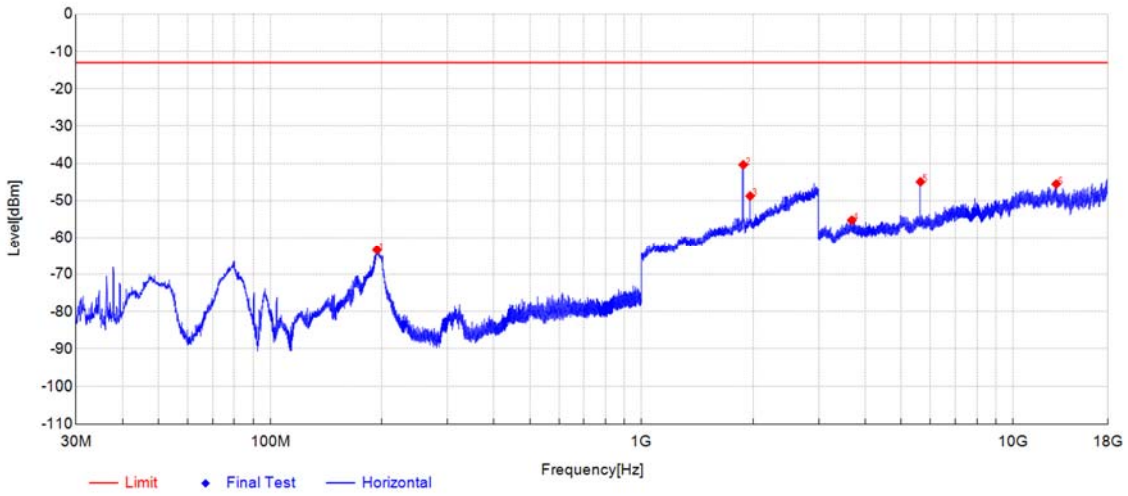


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
195.2963	-44.24	-62.88	-18.6	-13.0	49.9	Horizontal	PK	PASS
1851.7704	-37.30	-33.00	4.3	-	-	Horizontal	PK	NA
1933.7868	-54.19	-50.20	4.0	-	-	Horizontal	PK	NA
3703.8148	-55.23	-53.49	1.7	-13.0	40.5	Horizontal	PK	PASS
5553.7934	-50.42	-43.75	6.7	-13.0	30.8	Horizontal	PK	PASS
12917.076	-68.61	-45.65	23.0	-13.0	32.7	Horizontal	PK	PASS

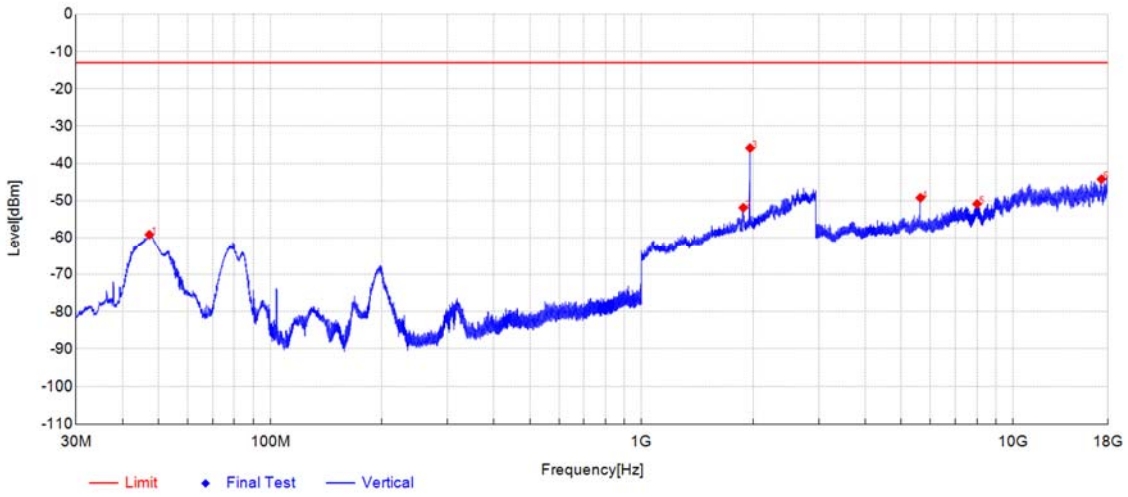


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.0244	-40.28	-59.84	-19.6	-13.0	46.8	Vertical	PK	PASS
1851.7704	-50.57	-46.28	4.3	-	-	Vertical	PK	NA
1933.3867	-40.90	-37.02	3.9	-	-	Vertical	PK	NA
3703.3862	-56.58	-54.85	1.7	-13.0	41.9	Vertical	PK	PASS
5560.6515	-51.99	-45.56	6.4	-13.0	32.6	Vertical	PK	PASS
11147.725	-66.10	-44.40	21.7	-13.0	31.4	Vertical	PK	PASS

Plot for Mid Channel

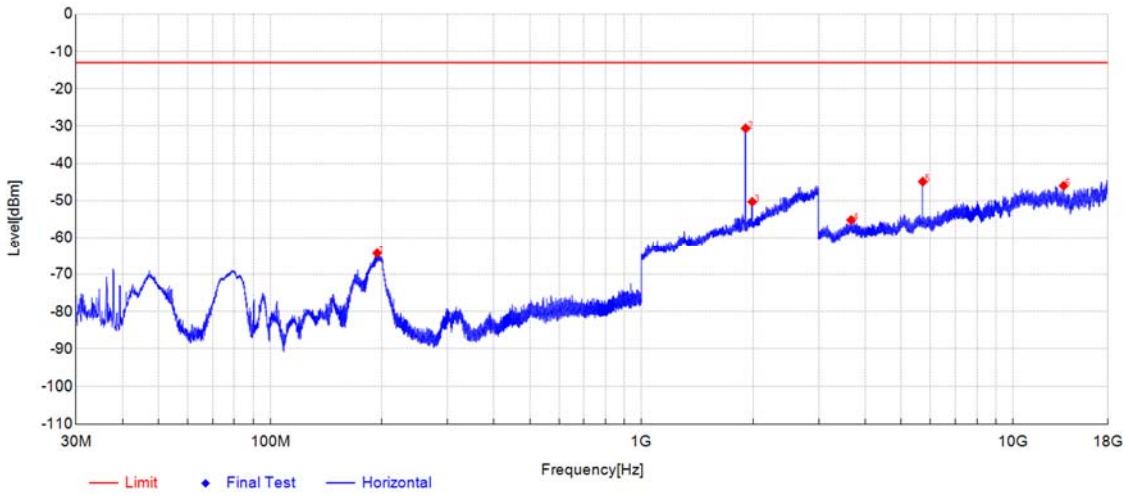


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
193.8897	-44.53	-63.41	-18.9	-13.0	50.4	Horizontal	PK	PASS
1878.5757	-45.61	-40.38	5.2	-	-	Horizontal	PK	NA
1960.9922	-53.26	-48.75	4.5	-	-	Horizontal	PK	NA
3681.9546	-57.01	-55.25	1.8	-13.0	42.3	Horizontal	PK	PASS
5636.5195	-52.02	-44.95	7.1	-13.0	32.0	Horizontal	PK	PASS
13083.163	-69.46	-45.54	23.9	-13.0	32.5	Horizontal	PK	PASS

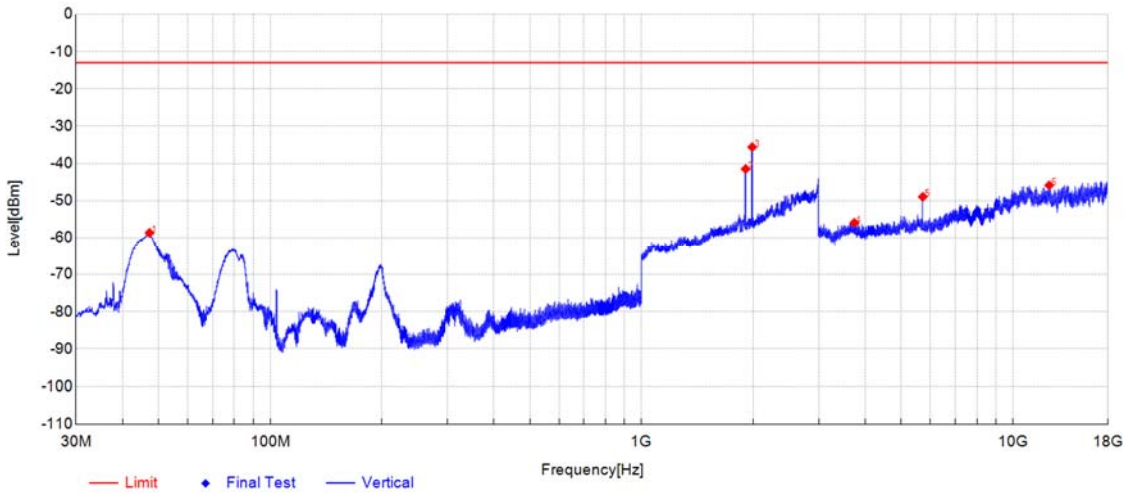


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.2669	-39.66	-59.15	-19.5	-13.0	46.2	Vertical	PK	PASS
1878.9758	-56.95	-51.88	5.1	-	-	Vertical	PK	NA
1959.792	-40.07	-35.88	4.2	-	-	Vertical	PK	NA
5635.6622	-55.93	-49.22	6.7	-13.0	36.2	Vertical	PK	PASS
8007.4403	-63.84	-50.86	13.0	-13.0	37.9	Vertical	PK	PASS
17317.412	-68.84	-44.22	24.6	-13.0	31.2	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.0837	-45.47	-64.32	-18.9	-13.0	51.3	Horizontal	PK	PASS
1906.5813	-34.89	-30.61	4.3	-	-	Horizontal	PK	NA
1986.5973	-54.74	-50.31	4.4	-	-	Horizontal	PK	NA
3666.9524	-56.94	-55.21	1.7	-13.0	42.2	Horizontal	PK	PASS
5718.817	-52.33	-44.89	7.4	-13.0	31.9	Horizontal	PK	PASS
13691.347	-69.54	-46.01	23.5	-13.0	33.0	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.3154	-39.14	-58.61	-19.5	-13.0	45.6	Vertical	PK	PASS
1906.9814	-46.48	-41.49	5.0	-	-	Vertical	PK	NA
1986.5973	-40.17	-35.62	4.6	-	-	Vertical	PK	NA
3739.3913	-57.25	-55.93	1.3	-13.0	42.9	Vertical	PK	PASS
5719.2456	-55.50	-48.94	6.6	-13.0	35.9	Vertical	PK	PASS
12523.460	-69.12	-45.87	23.3	-13.0	32.9	Vertical	PK	PASS

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test Items	Uncertainty
Output Power	±2.22dB
Bandwidth	±5%
Conducted Spurious Emission	±2.77dB
Radiated Emission	±2.95dB

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipment Utilized

4.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY51511149	N9020A	Agilent	2025.05.15	2026.05.14
Communication Test Station	6200995016	MT8820C	Anritsu	2024.09.11	2025.09.10
Temperature Chamber	S022177101 00089002	KMT-36LF 1A0	KOMEG	2024.09.11	2025.09.10

4.2 List of Software Used

Description	Manufacturer	Software Version
JS36-RSE	Tonscend	5.0.0

4.3 Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
System Simulator	152038	CMW500	R&S	2024.09.11	2025.09.10
Receiver	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2025.06.22	2026.06.21
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.09.11	2025.09.10
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier	61171/61172	S020180L32	LUCIX CORP.	2025.05.13	2026.05.12

(2GHz-18GHz)		03			
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2025.05.13	2026.05.12
Notch Filter	N/A	WRCG-GSM 850	Wainwright	N/A	N/A
Notch Filter	N/A	WRCG-GSM 1900	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV-W Band V	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV-W Band II	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV-W Band IV	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT