TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	K2
BRAND NAME	:	BLU
FCC ID	:	YHLBLU2KW
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	:	2025-07-22
TEST DATE	:	2025-08-04 to 2025-08-28
ISSUE DATE	:	2025-09-01

Edited by: Zeng Xiaoying (Rapporteur)

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2025-09-01	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:	9583-MB-V0.1	
Software Version:	BLU_C0290_V15.0.G.01.00_GENERIC 22-07-2025 11:27	
Modulation Type:	GSM/GPRS Mode with GMSK Modulation EDGE Mode with 8PSK Modulation WCDMA Mode with QPSK Modulation HSDPA / DC-HSDPAMode 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:	-2.12dBi
	GSM1900:	-0.55dBi
	WCDMA Band V:	-2.25dBi

	WCDMA Band IV:	-0.62dBi
	WCDMA Band II:	-0.52dBi
Accessory Information:	Battery	
	Brand Name:	BLU
	Model No.:	C106550500P
	Serial No.:	N/A
	Capacity:	5000mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	SHENZHEN AEROSPACE ELECTRONIC CO., LTD
	AC Adapter	
	Brand Name:	BLU
	Model No.:	US-WS-2000
	Serial No.:	N/A
	Rated Output:	5.0V⎓2000mA
	Rated Input:	100-240V~50/60Hz, 0.3A
	Manufacturer:	Huizhou Wanzhisheng New Energy Technology Co., Ltd.
	USB Cable	
	Model No.:	3.E-1501-000324-006
	Manufacturer:	Dongguan Keling Electronic Technology 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)	0.774	245KGXW
GSM850(EDGE)	0.108	252KG7W
GSM1900(GSM)	0.891	247KGXW
GSM1900(EDGE)	0.260	247KG7W
WCDMA Band V	0.076	4M15F9W
WCDMA Band IV	0.183	4M17F9W
WCDMA Band II	0.184	4M17F9W

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. 15, 2025	Chen Hao	PASS	/
2	24.232(d)	Peak -Average Ratio	Aug. 13&14, 2025	Liu Huiyan	PASS	/
3	2.1049	Occupied Bandwidth	Aug. 13&14, 2025	Liu Huiyan	PASS	/
4	2.1055, 22.355, 24.235, 27.54	Frequency Stability	Aug. 28, 2025	Liu Huiyan	PASS	/
5	2.1051, 22.917(a), 24.238(a), 27.53(h)	Conducted Out of Band Emissions	Aug. 13&14, 2025	Liu Huiyan	PASS	/
6	2.1051, 22.917(a), 24.238(a), 27.53(h)	Band Edge	Aug. 13&14, 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. 28, 2025	Liu Huiyan	PASS	/
8	2.1051, 22.917(a), 24.238(a),	Radiated Out of Band Emissions	Aug. 04, 2025	Li Hanbin	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

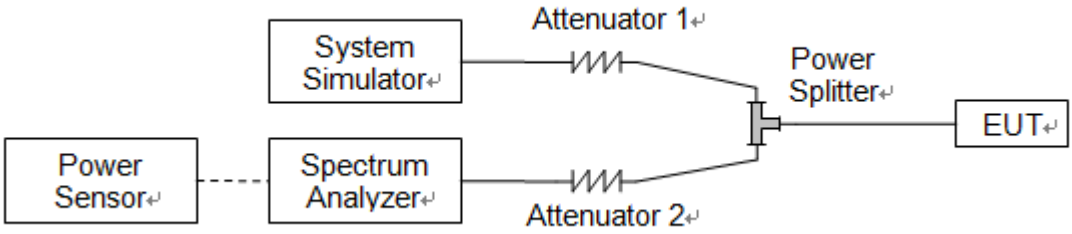
2.1. Conducted RF Output Power

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	33.13	33.15	33.11
GPRS 1 Tx slot	33.14	33.16	33.12
GPRS 2 Tx slots	30.65	30.66	30.63
GPRS 3 Tx slots	28.65	28.67	28.64
GPRS 4 Tx slots	26.02	26.11	26.05
EDGE 1 Tx slot	24.61	24.62	24.60
EDGE 2 Tx slots	23.03	23.11	23.06
EDGE 3 Tx slots	20.66	20.71	20.68
EDGE 4 Tx slots	19.83	19.71	19.72

GSM1900	Average Power (dBm)		
TX Channel	**512**	**661**	**810**
Frequency (MHz)	**1850.2**	**1880**	**1909.8**
GSM 1 Tx slot	33.11	33.15	33.08
GPRS 1 Tx slot	33.12	33.15	33.09
GPRS 2 Tx slots	31.04	31.07	31.05
GPRS 3 Tx slots	29.09	29.11	29.04
GPRS 4 Tx slots	26.86	26.93	26.81
EDGE 1 Tx slot	24.62	24.63	24.61
EDGE 2 Tx slots	22.65	22.68	22.66
EDGE 3 Tx slots	20.86	20.94	20.89
EDGE 4 Tx slots	18.62	18.64	18.60

WCDMA Band V	Average Power (dBm)		
TX Channel	**4132**	**4182**	**4233**
Frequency (MHz)	**826.4**	**836.4**	**846.6**
RMC 12.2Kbps	23.15	23.23	23.16
HSDPA Subtest-1	22.42	22.52	22.40
HSDPA Subtest-2	22.48	22.30	22.18
HSDPA Subtest-3	22.18	22.01	21.88
HSDPA Subtest-4	22.09	21.92	21.79
DC-HSDPA Subtest-1	22.82	22.94	22.82
DC-HSDPA Subtest-2	22.89	23.01	22.89
DC-HSDPA Subtest-3	22.99	23.02	22.91
DC-HSDPA Subtest-4	22.99	23.03	22.92
HSUPA Subtest-1	23.03	23.06	23.00
HSUPA Subtest-2	23.02	22.97	22.93
HSUPA Subtest-3	23.02	23.07	23.01
HSUPA Subtest-4	22.90	22.98	22.90
HSUPA Subtest-5	23.00	23.11	23.00
HSPA+ (16QAM) Subtest-1	23.08	23.16	23.06

WCDMA Band IV	Average Power (dBm)		
TX Channel	**1312**	**1413**	**1513**
Frequency (MHz)	**1712.4**	**1732.6**	**1752.6**
RMC 12.2Kbps	23.20	23.24	23.18
HSDPA Subtest-1	21.55	21.59	21.50
HSDPA Subtest-2	22.20	22.18	22.14
HSDPA Subtest-3	22.18	22.17	22.14
HSDPA Subtest-4	22.23	22.13	22.15
DC-HSDPA Subtest-1	22.96	22.94	22.95
DC-HSDPA Subtest-2	23.02	22.97	23.03
DC-HSDPA Subtest-3	23.04	22.98	23.05
DC-HSDPA Subtest-4	23.05	22.99	23.06
HSUPA Subtest-1	23.11	23.06	23.13
HSUPA Subtest-2	23.08	23.05	23.06
HSUPA Subtest-3	23.13	23.05	23.13
HSUPA Subtest-4	23.04	23.02	23.02
HSUPA Subtest-5	23.14	23.07	23.13
HSPA+ (16QAM) Subtest-1	23.16	22.97	23.10

WCDMA Band II	Average Power (dBm)		
TX Channel	**9262**	**9400**	**9538**
Frequency (MHz)	**1852.4**	**1880.0**	**1907.6**
RMC 12.2Kbps	23.11	23.16	23.11
HSDPA Subtest-1	23.01	23.01	22.83
HSDPA Subtest-2	22.71	22.62	22.54
HSDPA Subtest-3	22.93	22.80	22.75
HSDPA Subtest-4	22.58	22.51	22.42
DC-HSDPA Subtest-1	22.86	22.82	22.67
DC-HSDPA Subtest-2	23.00	22.83	22.78
DC-HSDPA Subtest-3	23.04	22.78	22.82
DC-HSDPA Subtest-4	23.06	22.79	22.84
HSUPA Subtest-1	23.02	22.85	22.82
HSUPA Subtest-2	22.98	22.84	22.77
HSUPA Subtest-3	23.02	22.86	22.81
HSUPA Subtest-4	22.95	22.83	22.76
HSUPA Subtest-5	23.02	22.89	22.80
HSPA+ (16QAM) Subtest-1	22.84	22.82	22.86

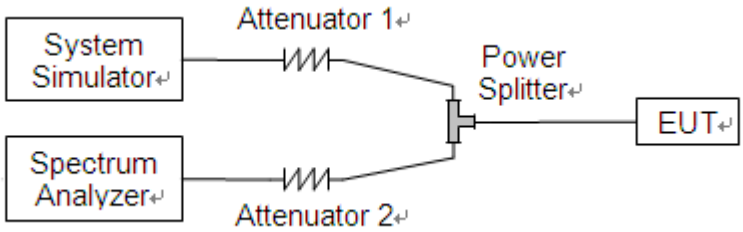
2.2. Peak to Average Ratio

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%.

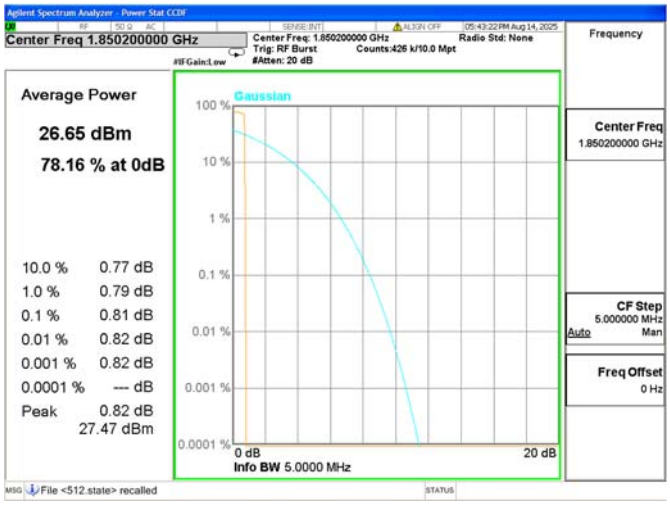
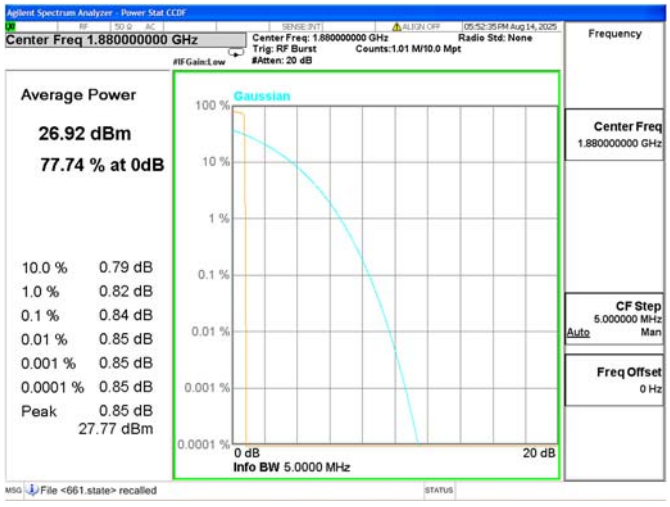
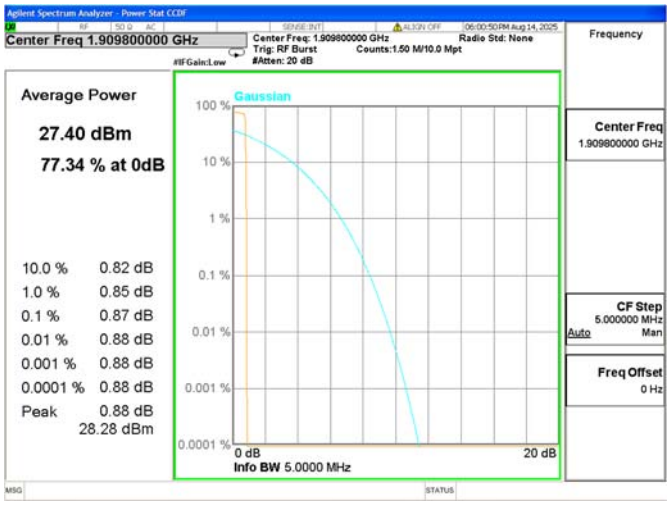
2.2.4.Test Result

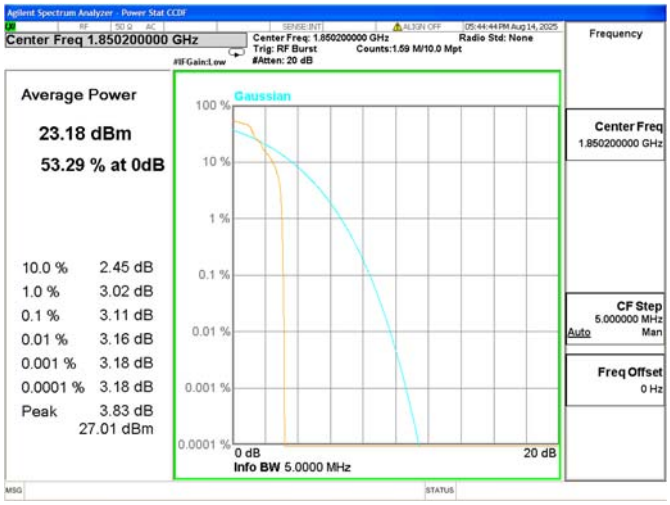
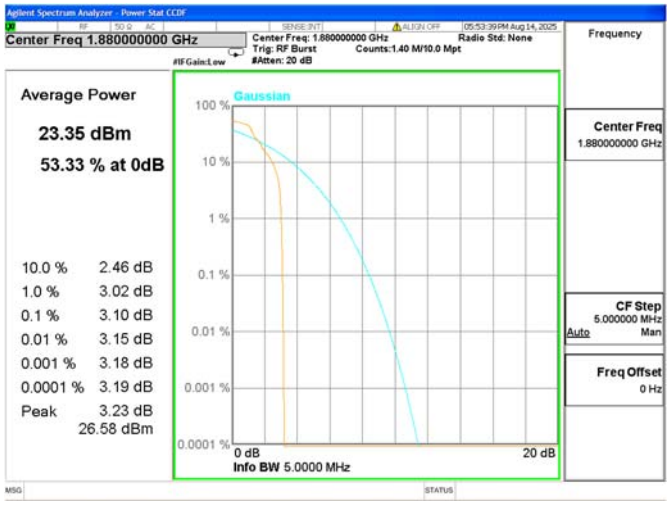
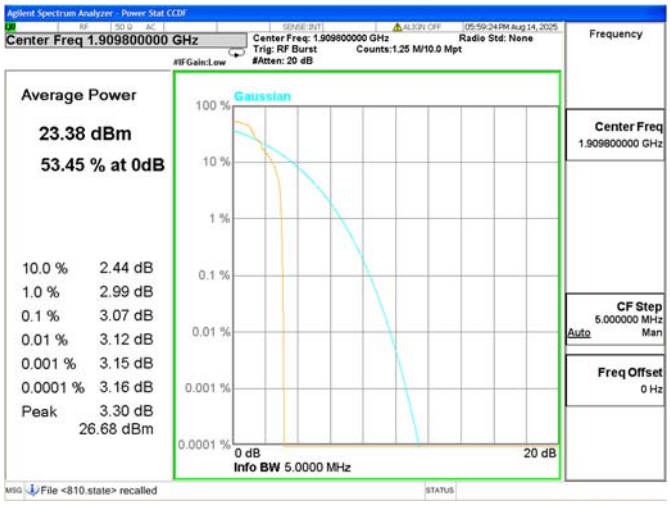
A. Test Verdict:

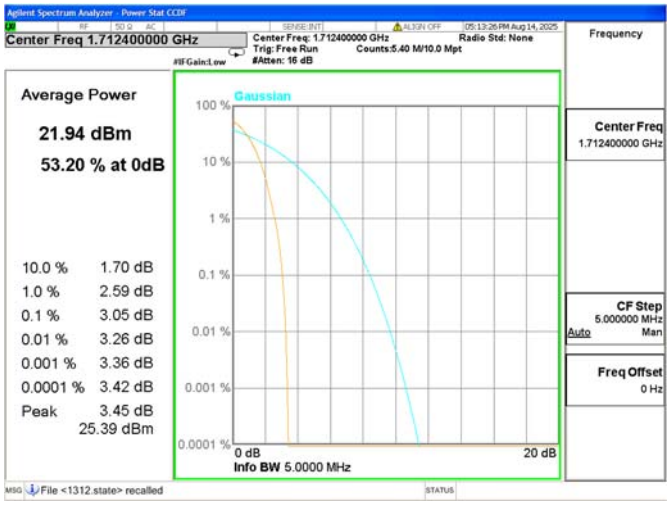
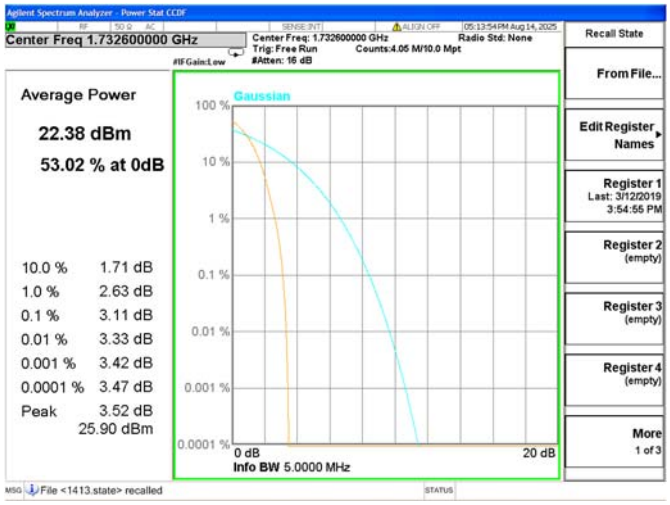
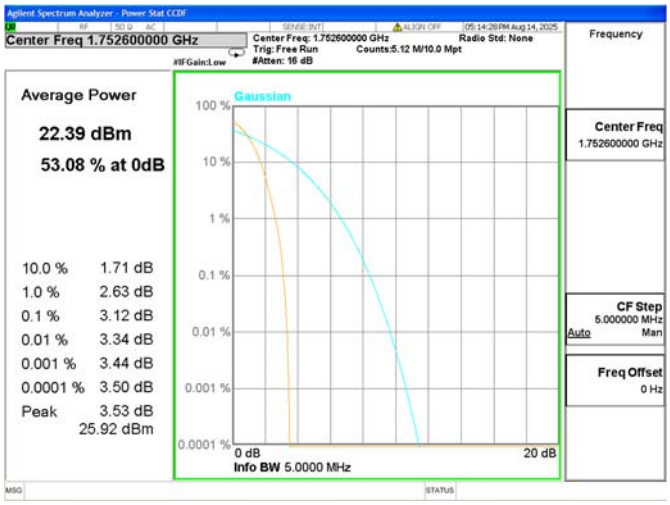
GSM1900					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
GSM	512	1850.2	0.81	13	PASS
	661	1880.0	0.84		PASS
	810	1909.8	0.87		PASS
EDGE	512	1850.2	3.11		PASS
	661	1880.0	3.10		PASS
	810	1909.8	3.07		PASS

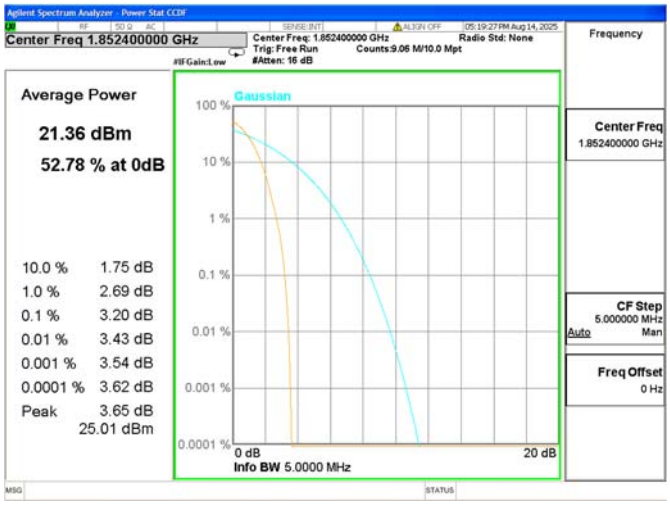
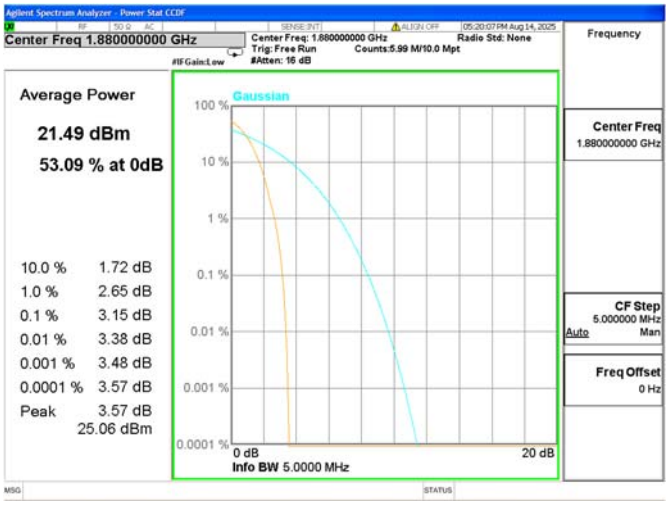
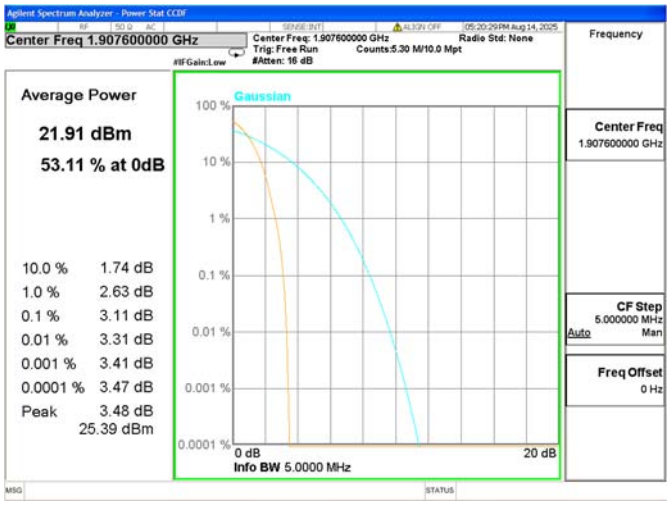
WCDMA Band IV					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
WCDMA	1312	1712.4	3.05	13	PASS
	1413	1732.6	3.11		PASS
	1513	1752.6	3.12		PASS

WCDMA Band II					
Mode	**Channel**	**Frequency (MHz)**	**Peak to Average ratio (dB)**	**Limit (dB)**	**Verdict**
WCDMA	9262	1852.4	3.20	13	PASS
	9400	1880.0	3.15		PASS
	9538	1907.6	3.11		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	
	

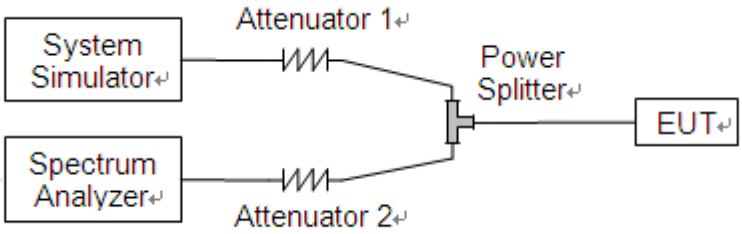
2.3. Occupied Bandwidth

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:



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2.3.3.Test Result

GSM850				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (kHz)**	**26dB Bandwidth (kHz)**
GSM	128	824.2	244.44	312.40
	189	836.4	245.29	313.30
	251	848.8	243.38	306.90
EDGE	128	824.2	252.41	298.50
	189	836.4	237.29	308.40
	251	848.8	240.60	299.40

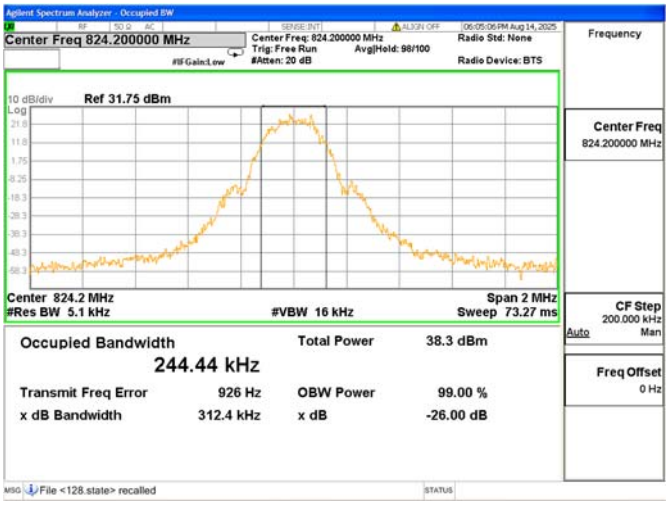
GSM1900				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (kHz)**	**26dB Bandwidth (kHz)**
GSM	512	1850.2	240.11	314.80
	661	1880.0	242.79	312.40
	810	1909.8	247.46	310.40
EDGE	512	1850.2	247.43	306.20
	661	1880.0	239.33	304.90
	810	1909.8	241.83	312.20

WCDMA Band V				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	4132	826.4	4.15	4.69
	4182	836.4	4.15	4.68
	4233	846.6	4.15	4.69

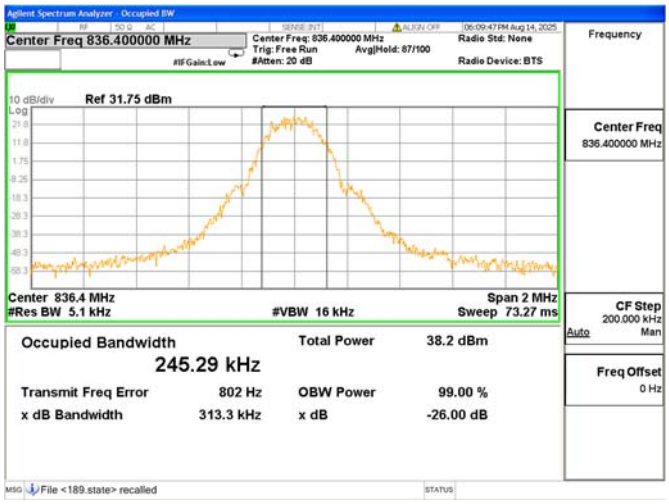
WCDMA Band IV				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	1312	1712.4	4.15	4.68
	1413	1732.6	4.15	4.70
	1513	1752.6	4.17	4.70

WCDMA Band II				
Mode	**Channel**	**Frequency (MHz)**	**99% Occupied Bandwidth (MHz)**	**26dB Bandwidth (MHz)**
WCDMA	9262	1852.4	4.15	4.69
	9400	1880.0	4.15	4.69
	9538	1907.6	4.17	4.68

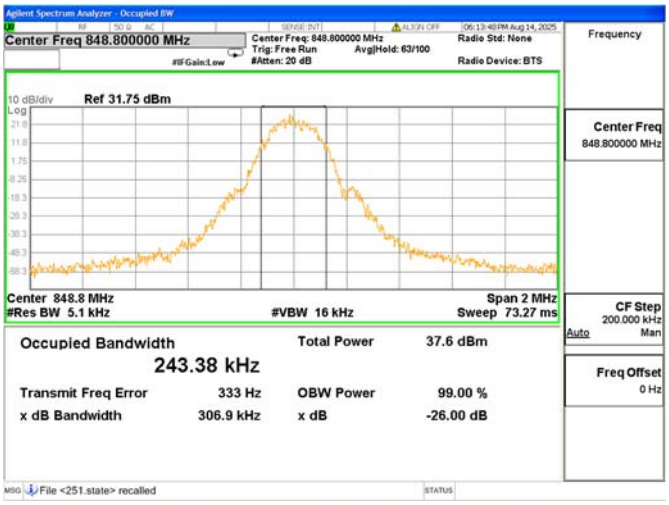
GSM850(GSM), CH128, 824.2MHz

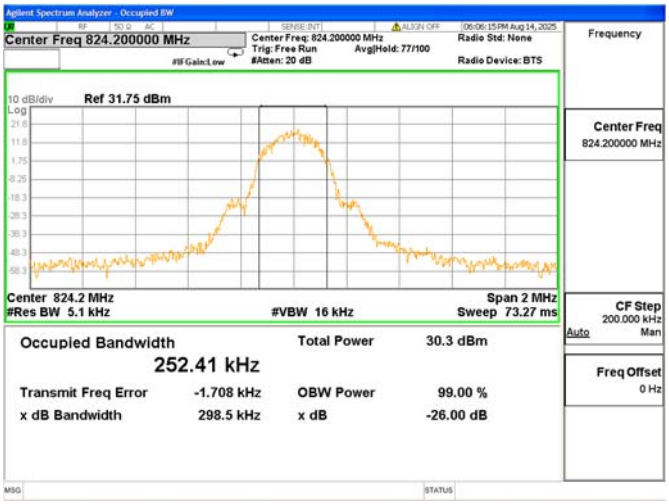
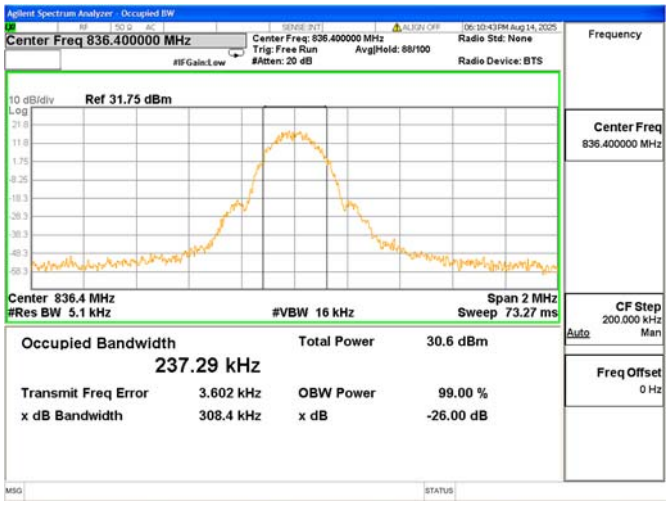
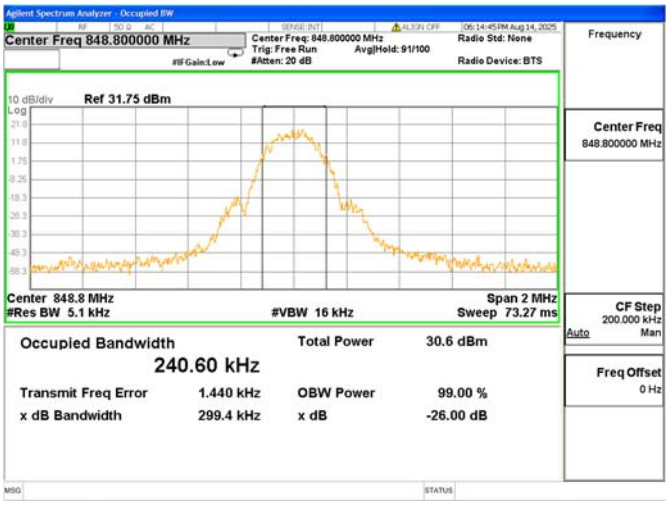


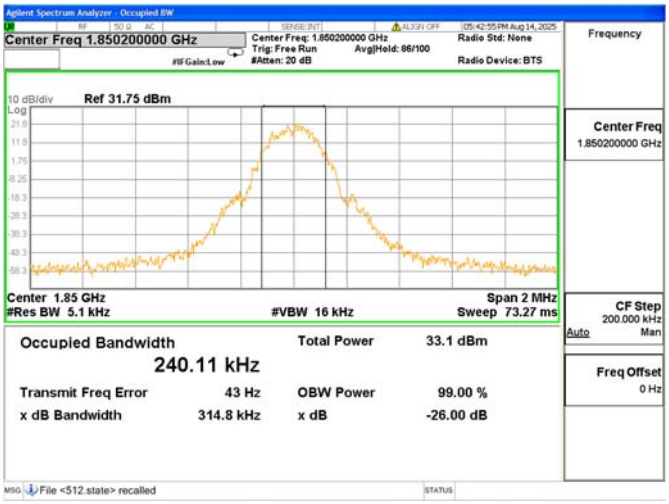
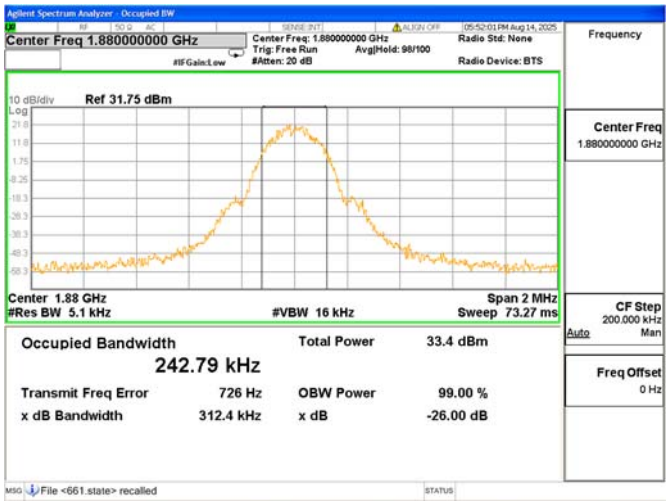
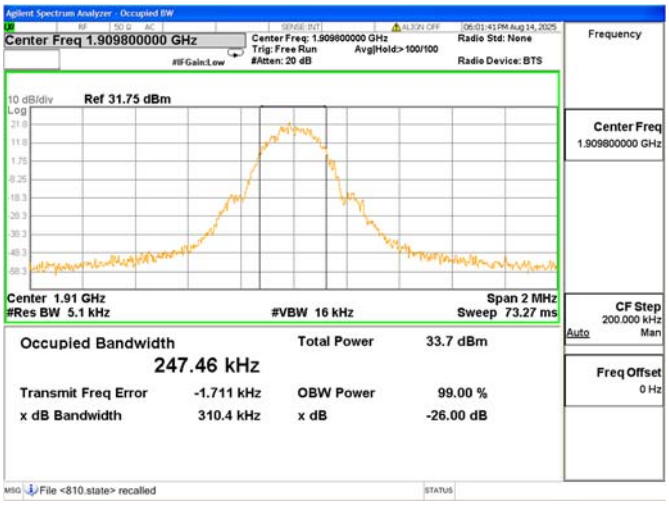
GSM850(GSM), CH189, 836.4MHz

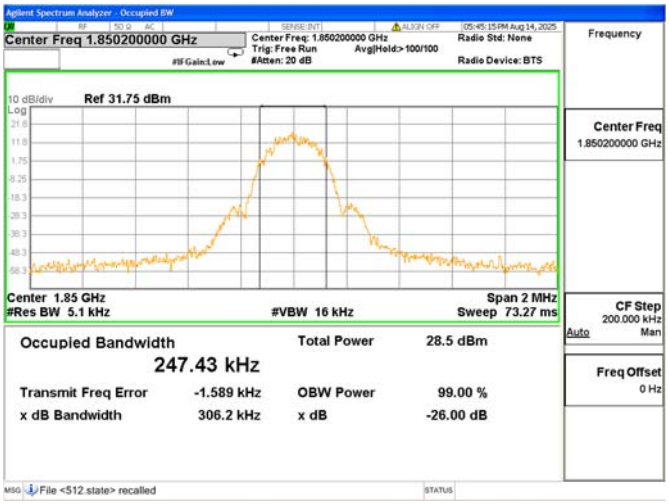
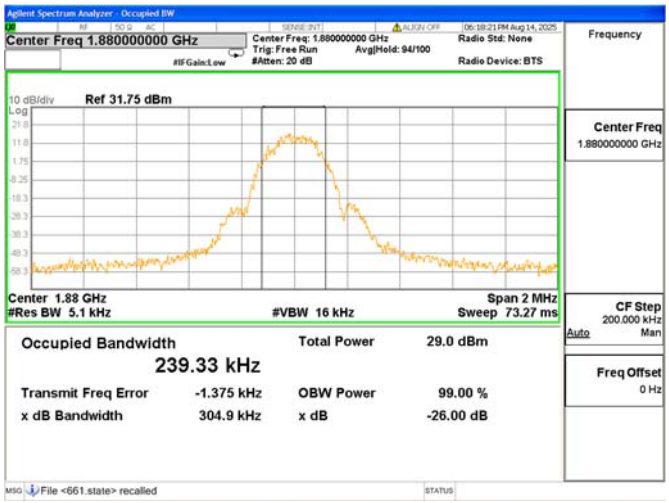
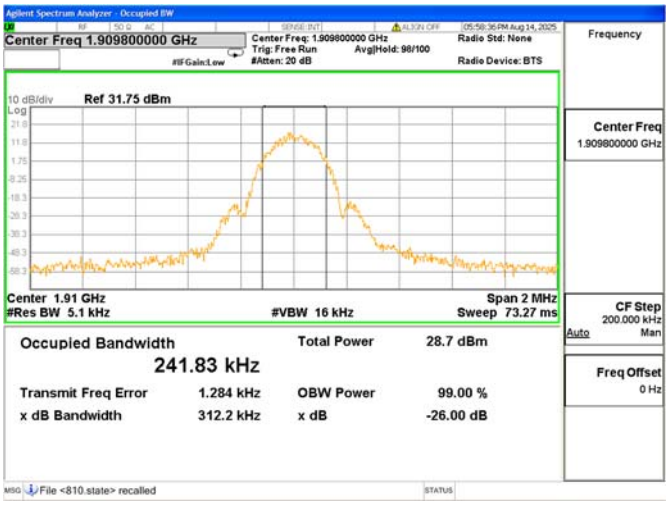


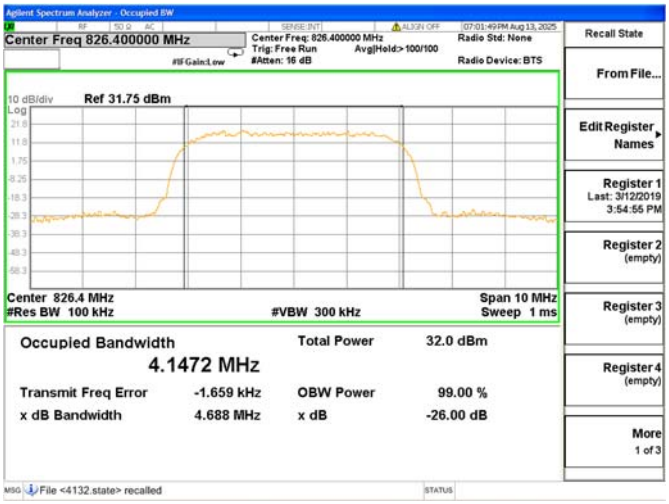
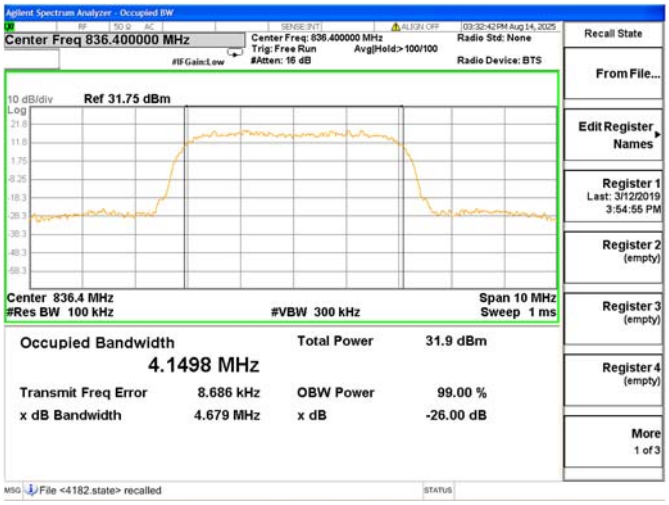
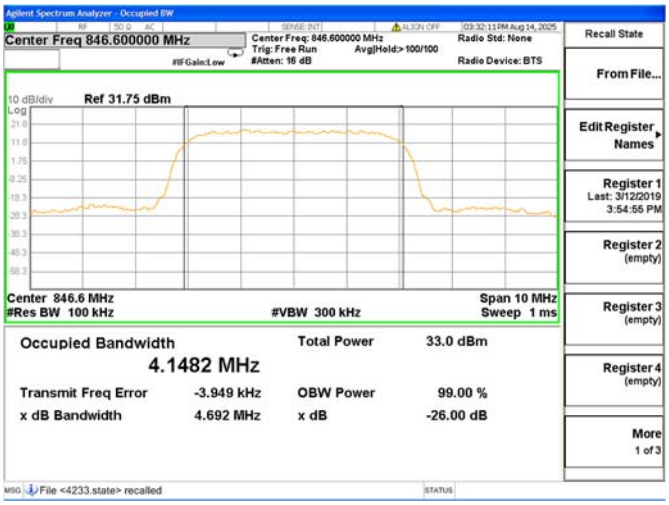
GSM850(GSM), CH251, 848.8MHz

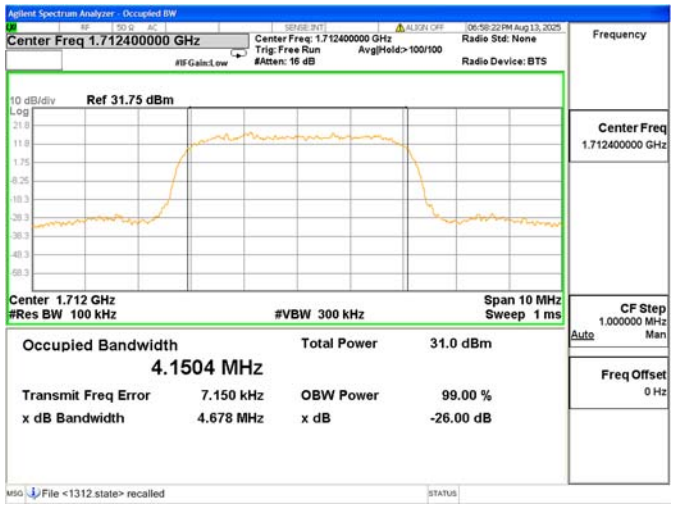
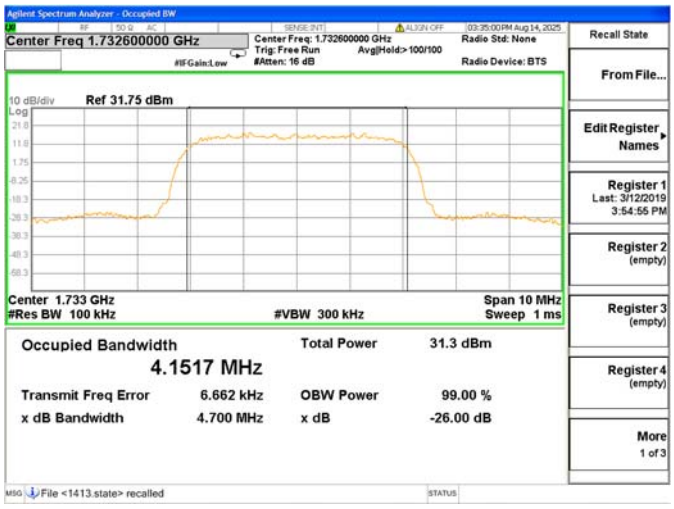
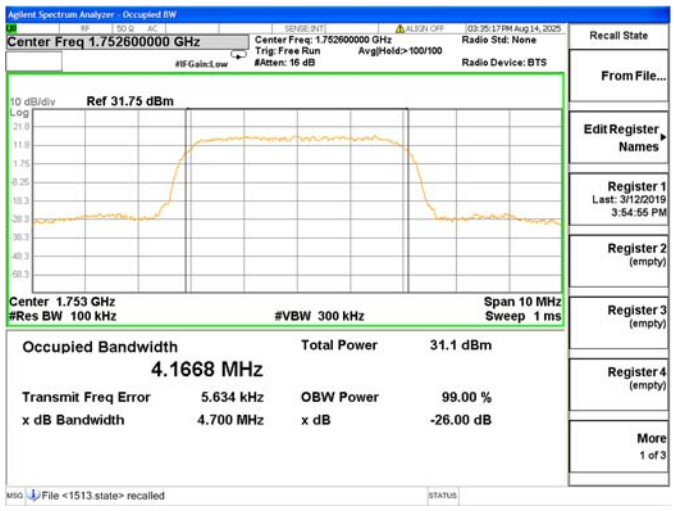


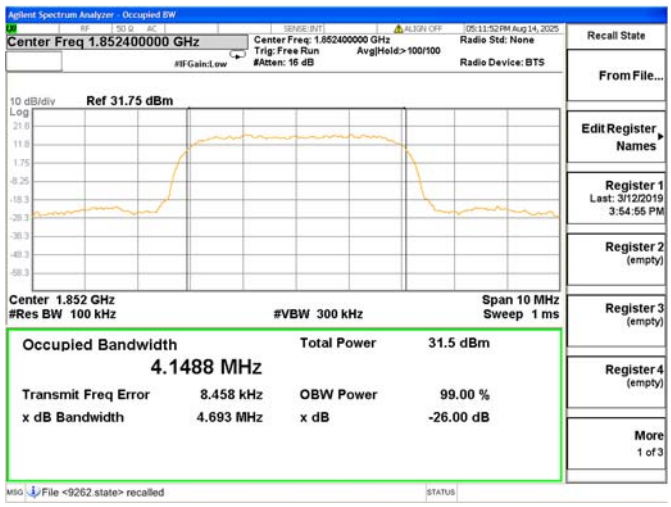
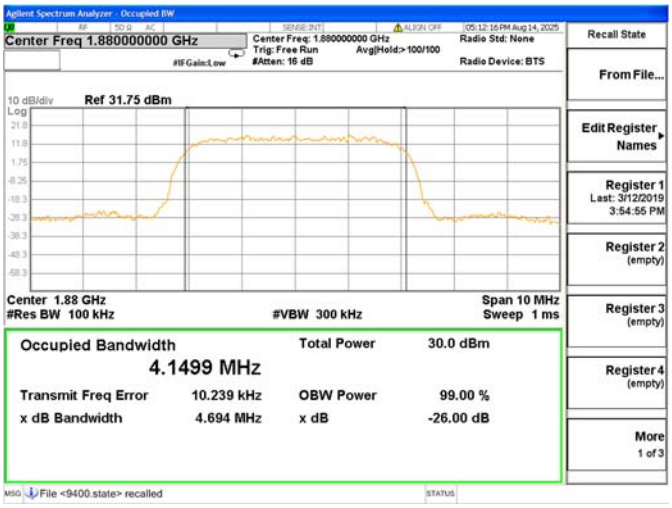
GSM850(EDGE), CH128, 824.2MHz	GSM850(EDGE), CH189, 836.4MHz
	
GSM850(EDGE), CH251, 848.8MHz	
	

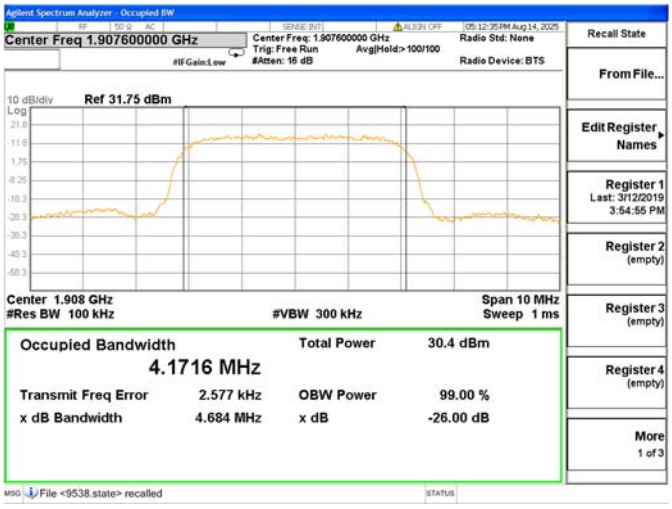
GSM1900(GSM), CH512, 1850.2MHz	GSM1900(GSM), CH661, 1880.0MHz
	
GSM1900(GSM), CH810, 1909.8MHz	
	

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:

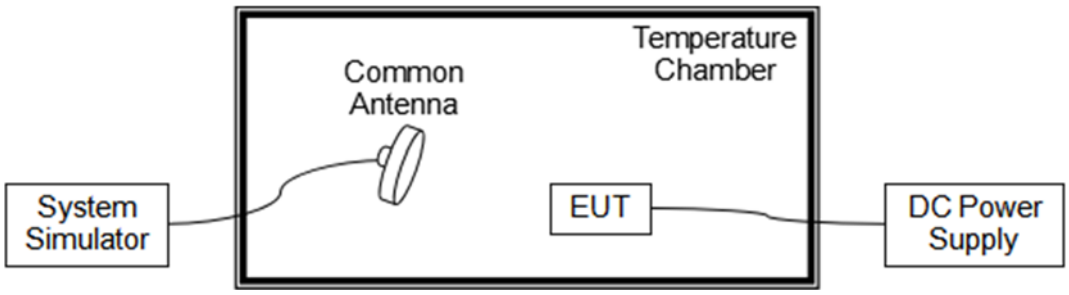
(a) The temperature is varied from-30°C to +50°C at intervals of not more than 10°C.

(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 -10°C to 55°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 3.60V, 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		-10	16	0.019	
Normal		0	-16	-0.019	
Normal		+10	14	0.017	
Normal		+20	8	0.010	
Normal		+30	18	0.022	
Normal		+40	20	0.024	
Normal		+50	13	0.016	
Normal		+55	18	0.022	
High	4.45	+20	-21	-0.025	
BATT.ENDPOINT	3.60	+20	-18	-0.022	

GSM850(EDGE), CH189, 836.4MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	10	0.012	PASS
Normal		-10	15	0.018	
Normal		0	17	0.020	
Normal		+10	16	0.019	
Normal		+20	20	0.024	
Normal		+30	18	0.022	
Normal		+40	15	0.018	
Normal		+50	16	0.019	
Normal		+55	-17	-0.020	
High	4.45	+20	-8	-0.010	
BATT.ENDPOINT	3.60	+20	15	0.018	

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)	13	0.007	PASS
Normal		-10	-16	-0.009	
Normal		0	0	0.000	
Normal		+10	19	0.010	
Normal		+20	14	0.007	
Normal		+30	17	0.009	
Normal		+40	0	0.000	
Normal		+50	14	0.007	
Normal		+55	17	0.009	
High	4.45	+20	19	0.010	
BATT.ENDPOINT	3.60	+20	4	0.002	

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)	15	0.008	PASS
Normal		-10	-3	-0.002	
Normal		0	15	0.008	
Normal		+10	17	0.009	
Normal		+20	20	0.011	
Normal		+30	-23	-0.012	
Normal		+40	-7	-0.004	
Normal		+50	17	0.009	
Normal		+55	18	0.010	
High	4.45	+20	17	0.009	
BATT.ENDPOINT	3.60	+20	16	0.009	

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)	10	0.012	PASS
Normal		-10	15	0.018	
Normal		0	17	0.020	
Normal		+10	16	0.019	
Normal		+20	20	0.024	
Normal		+30	18	0.022	
Normal		+40	15	0.018	
Normal		+50	16	0.019	
Normal		+55	-17	-0.020	
High	4.45	+20	-8	-0.010	
BATT.ENDPOINT	3.60	+20	15	0.018	

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)	16	0.009	PASS
Normal		-10	17	0.010	
Normal		0	20	0.012	
Normal		+10	19	0.011	
Normal		+20	0	0.000	
Normal		+30	14	0.008	
Normal		+40	20	0.012	
Normal		+50	23	0.013	
Normal		+55	-12	-0.007	
High	4.45	+20	15	0.009	
BATT.ENDPOINT	3.60	+20	-17	-0.010	

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)	15	0.008	PASS
Normal		-10	18	0.010	
Normal		0	15	0.008	
Normal		+10	18	0.010	
Normal		+20	-16	-0.009	
Normal		+30	15	0.008	
Normal		+40	18	0.010	
Normal		+50	21	0.011	
Normal		+55	-1	-0.001	
High	4.45	+20	14	0.007	
BATT.ENDPOINT	3.60	+20	14	0.007	

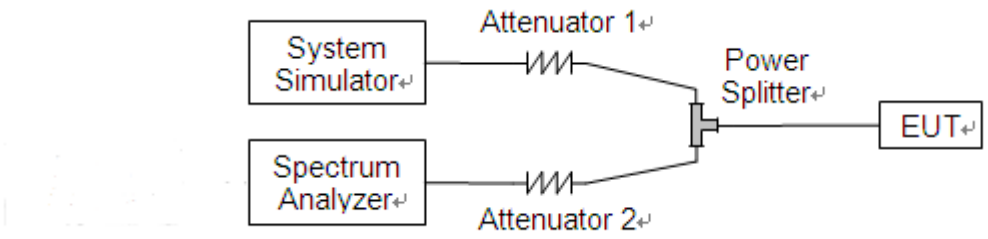
2.5. Conducted Out of Band Emissions

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.

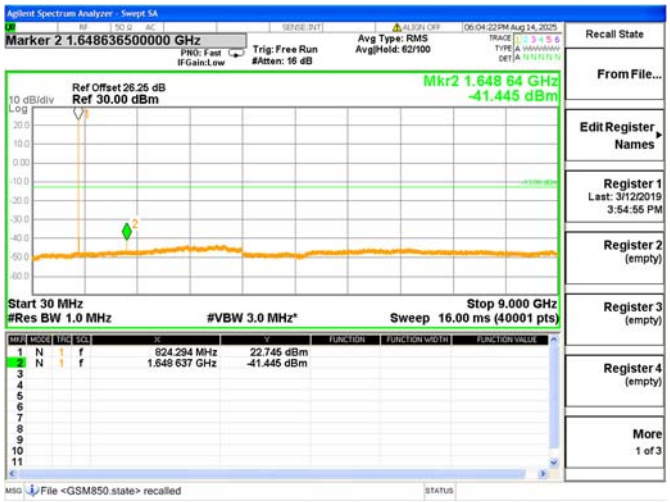
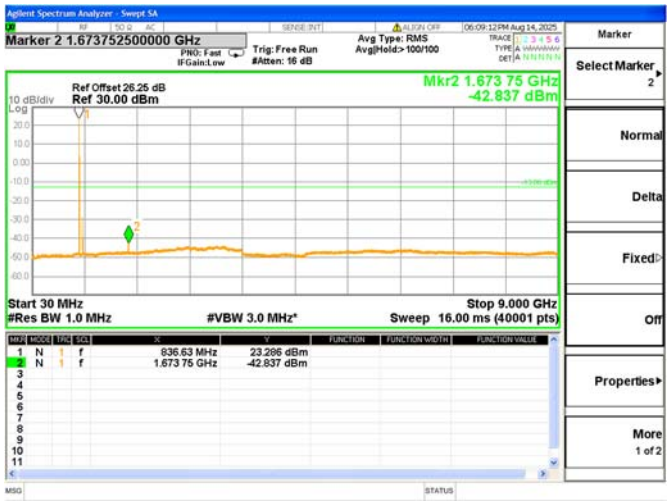
2.5.2.Test Description

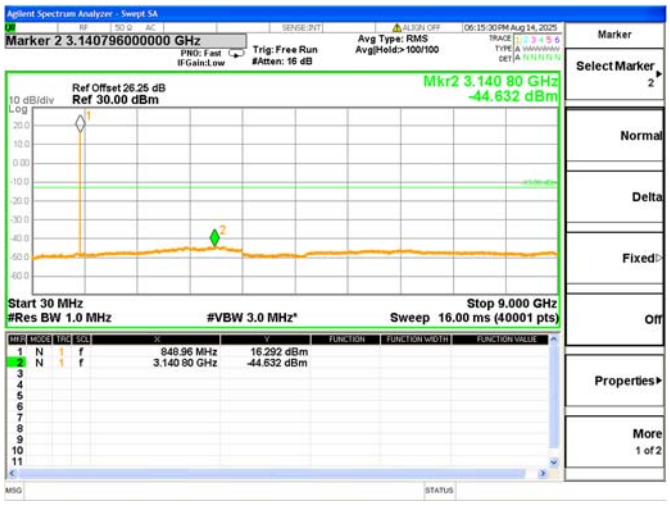
Test Setup:

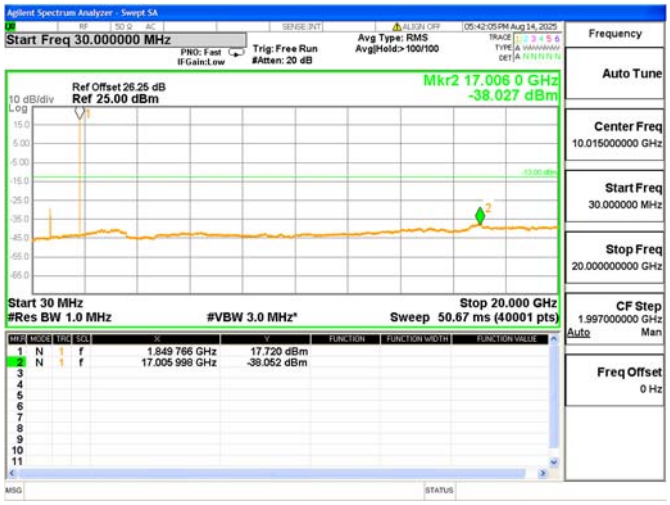
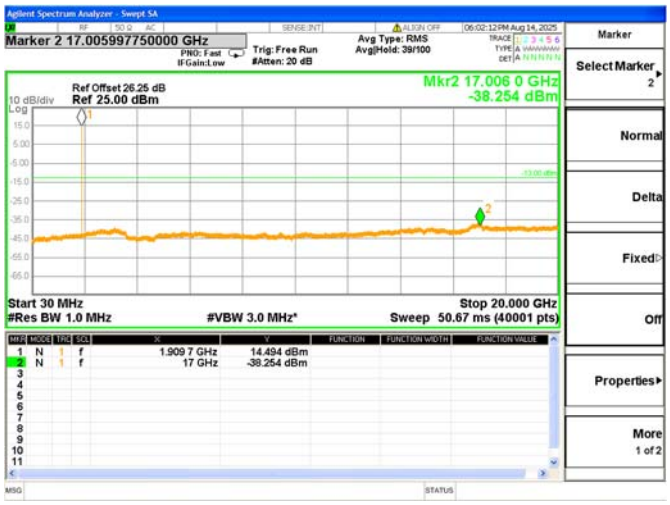


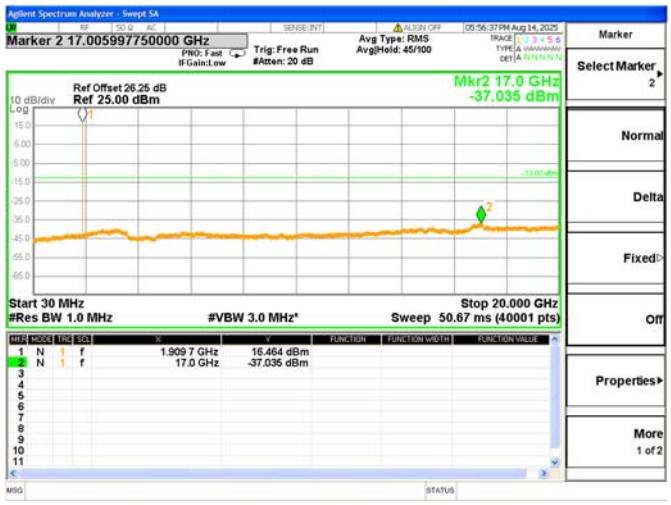
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum 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	
	

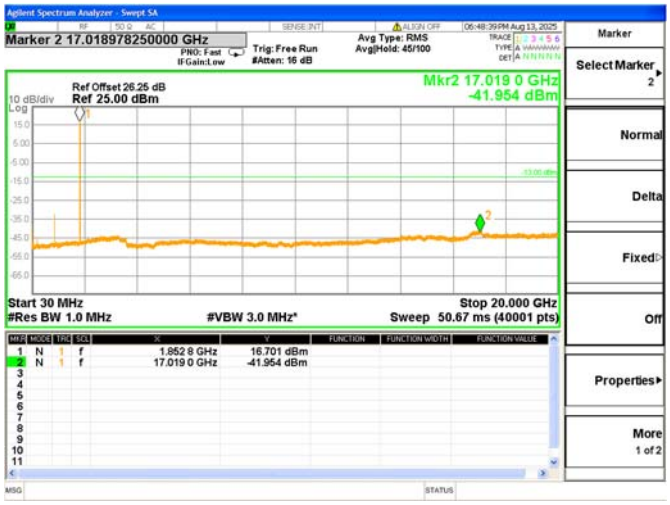
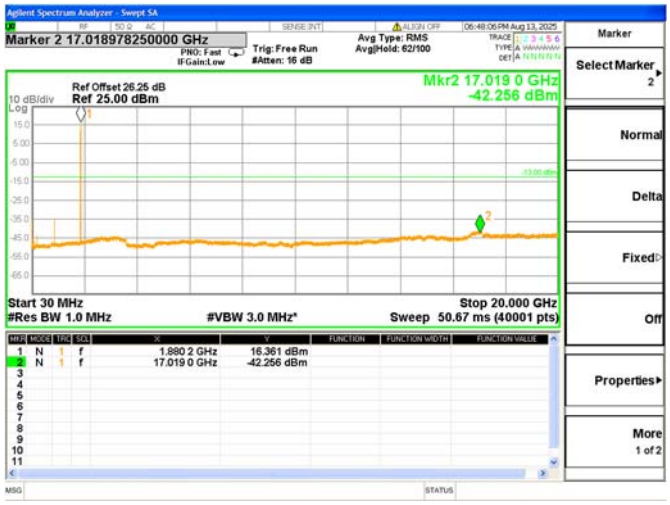
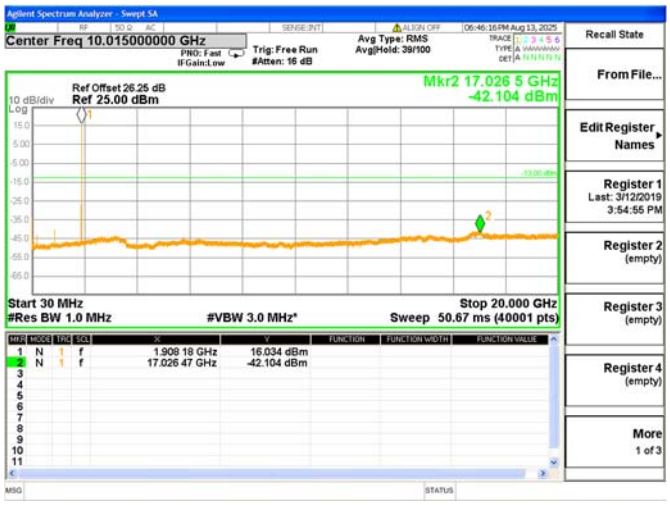
GSM850(EDGE), CH128, 824.2MHz	GSM850(EDGE), CH189, 836.4MHz
	
GSM850(EDGE), CH251, 848.8MHz	
	

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	
	

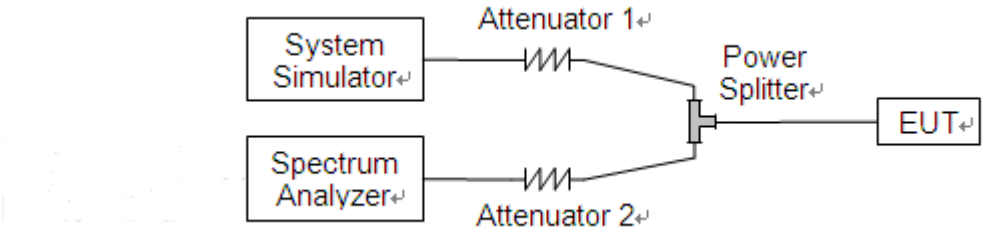
2.6. Band Edge

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

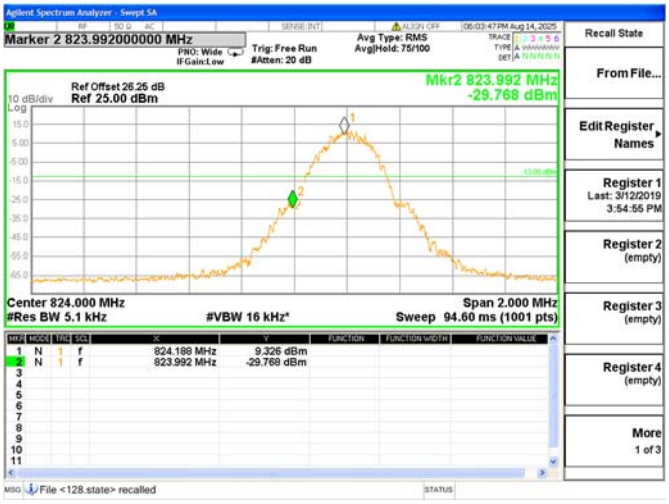
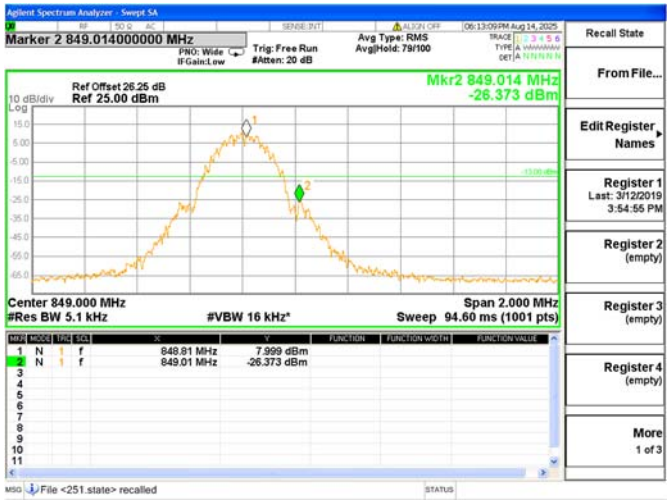
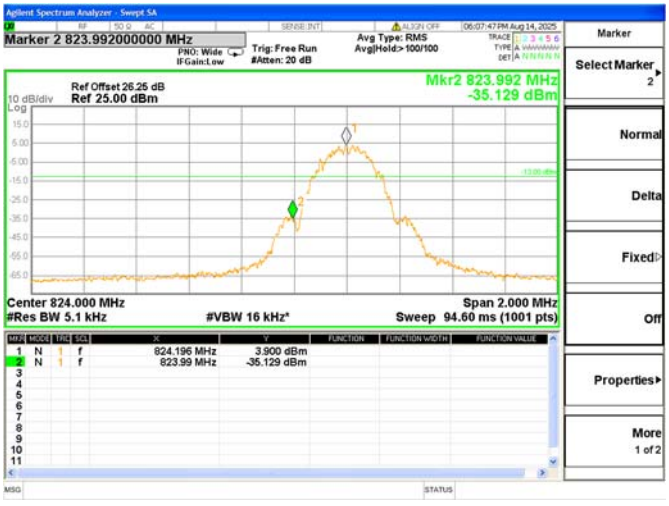
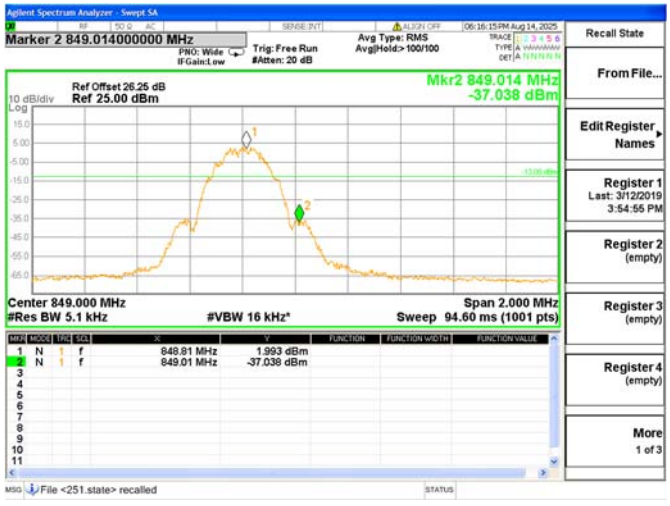
Test Setup:

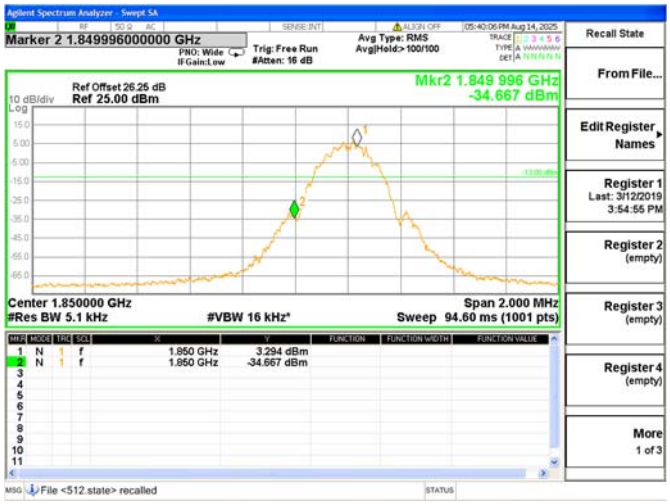
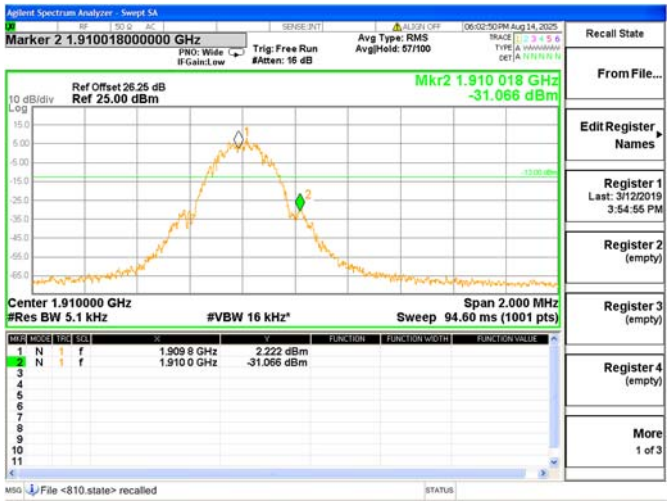
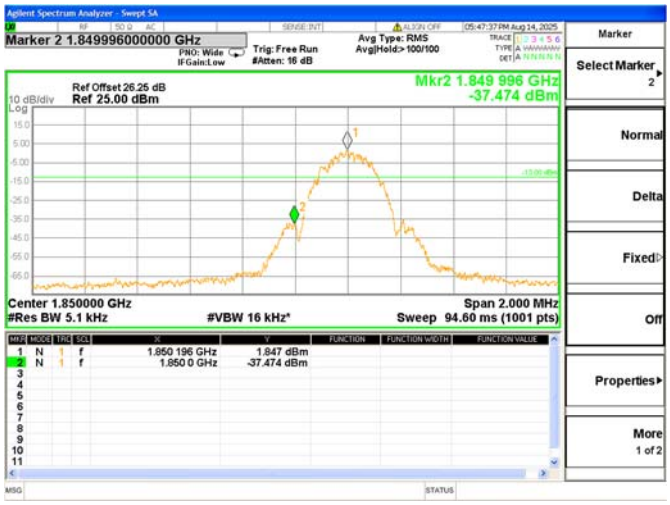
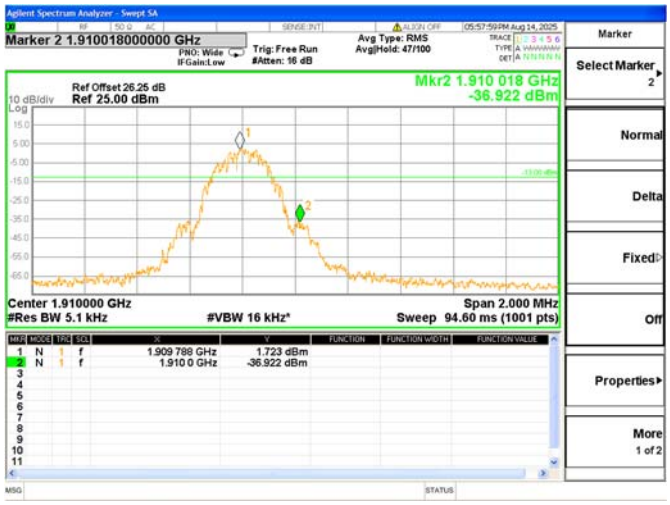


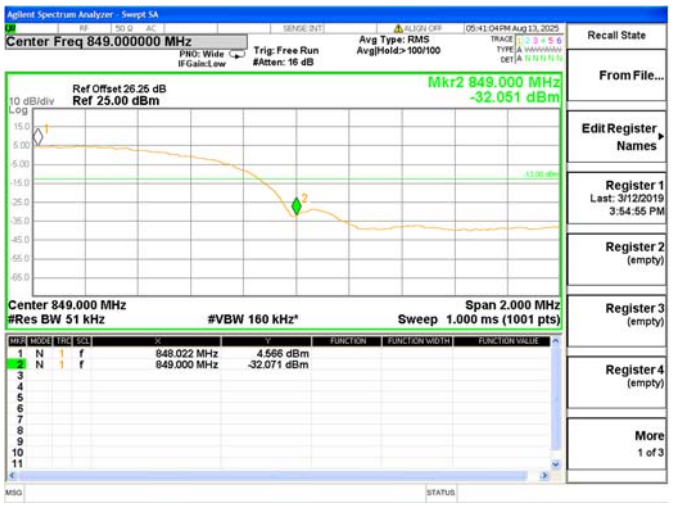
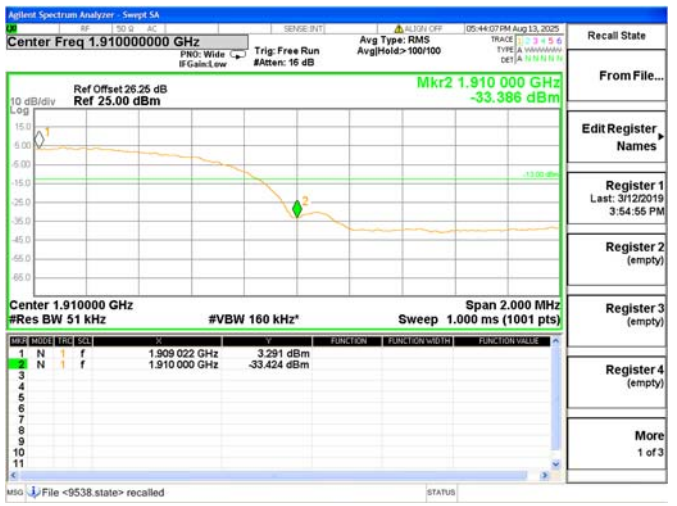
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum 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	28.86	0.769	38.5	7	PASS
	189	836.40	5	28.88	0.773			PASS
	251	848.80	5	28.84	0.766			PASS
GPRS	128	824.20	5	28.87	0.771	38.5	7	PASS
	189	836.40	5	28.89	0.774			PASS
	251	848.80	5	28.85	0.767			PASS
EDGE	128	824.20	5	20.34	0.108	38.5	7	PASS
	189	836.40	5	20.35	0.108			PASS
	251	848.80	5	20.33	0.108			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	29.46	0.883	33	2	PASS
	661	1880.0	0	29.49	0.889			PASS
	810	1909.8	0	29.44	0.879			PASS
GPRS	512	1850.2	0	29.47	0.885	33	2	PASS
	661	1880.0	0	29.50	0.891			PASS
	810	1909.8	0	29.45	0.881			PASS
EDGE	512	1850.2	0	24.11	0.258	33	2	PASS
	661	1880.0	0	24.15	0.260			PASS
	810	1909.8	0	24.09	0.256			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	18.75	0.075	38.5	7	PASS
	4182	836.4	18.83	0.076			PASS
	4233	846.6	18.76	0.075			PASS
HSDPA	4132	826.4	18.08	0.064	38.5	7	PASS
	4182	836.4	18.12	0.065			PASS
	4233	846.6	18.00	0.063			PASS
DC-HSDPA	4132	826.4	18.59	0.072	38.5	7	PASS
	4182	836.4	18.63	0.073			PASS
	4233	846.6	18.52	0.071			PASS
HSUPA	4132	826.4	18.63	0.073	38.5	7	PASS
	4182	836.4	18.71	0.074			PASS
	4233	846.6	18.61	0.073			PASS
HSPA+	4132	826.4	18.68	0.074	38.5	7	PASS
	4182	836.4	18.76	0.075			PASS
	4233	846.6	18.66	0.073			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	22.58	0.181	30	1	PASS
	1413	1732.6	22.62	0.183			PASS
	1513	1752.6	22.56	0.180			PASS
HSDPA	1312	1712.4	21.61	0.145	30	1	PASS
	1413	1732.6	21.56	0.143			PASS
	1513	1752.6	21.53	0.142			PASS
DC-HSDPA	1312	1712.4	22.43	0.175	30	1	PASS
	1413	1732.6	22.37	0.173			PASS
	1513	1752.6	22.44	0.175			PASS
HSUPA	1312	1712.4	22.52	0.179	30	1	PASS
	1413	1732.6	22.45	0.176			PASS
	1513	1752.6	22.51	0.178			PASS
HSPA+	1312	1712.4	22.54	0.179	30	1	PASS
	1413	1732.6	22.35	0.172			PASS
	1513	1752.6	22.48	0.177			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

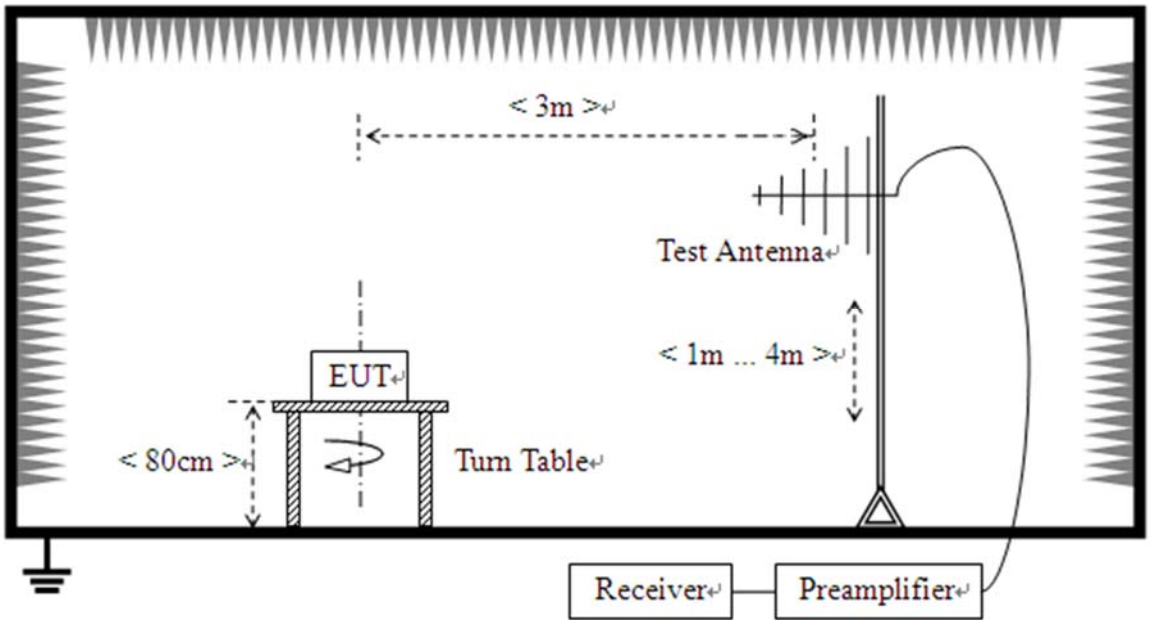
WCDMA Band II							
Band	Channel	Frequency (MHz)	Measured E.I.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	9262	1852.4	22.59	0.182	33	2	PASS
	9400	1880.0	22.64	0.184			PASS
	9538	1907.6	22.59	0.182			PASS
HSDPA	9262	1852.4	22.49	0.177	33	2	PASS
	9400	1880.0	22.49	0.177			PASS
	9538	1907.6	22.31	0.170			PASS
DC-HSDPA	9262	1852.4	22.54	0.179	33	2	PASS
	9400	1880.0	22.31	0.170			PASS
	9538	1907.6	22.32	0.171			PASS
HSUPA	9262	1852.4	22.50	0.178	33	2	PASS
	9400	1880.0	22.37	0.173			PASS
	9538	1907.6	22.30	0.170			PASS
HSPA+	9262	1852.4	22.32	0.171	33	2	PASS
	9400	1880.0	22.30	0.170			PASS
	9538	1907.6	22.34	0.171			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

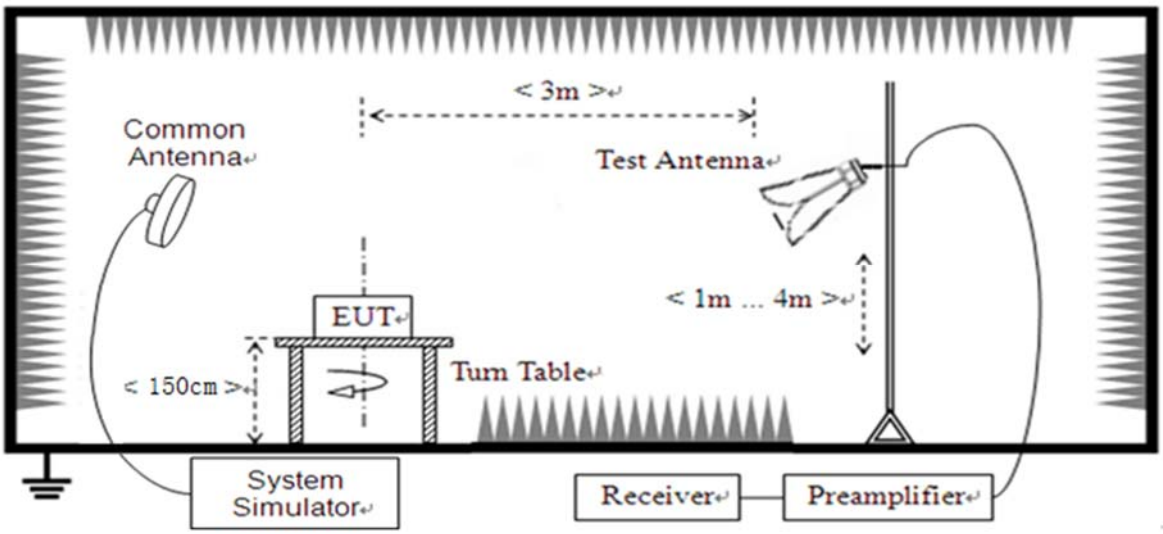
2.8.1.Requirement

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

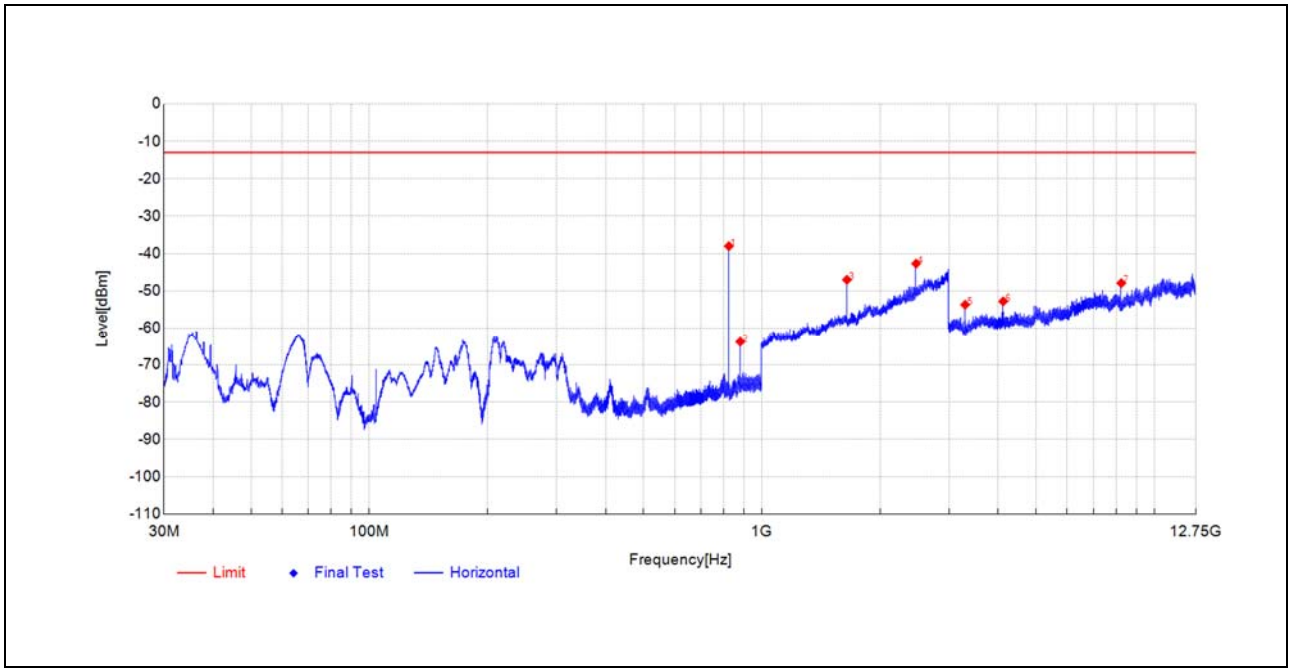
For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

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

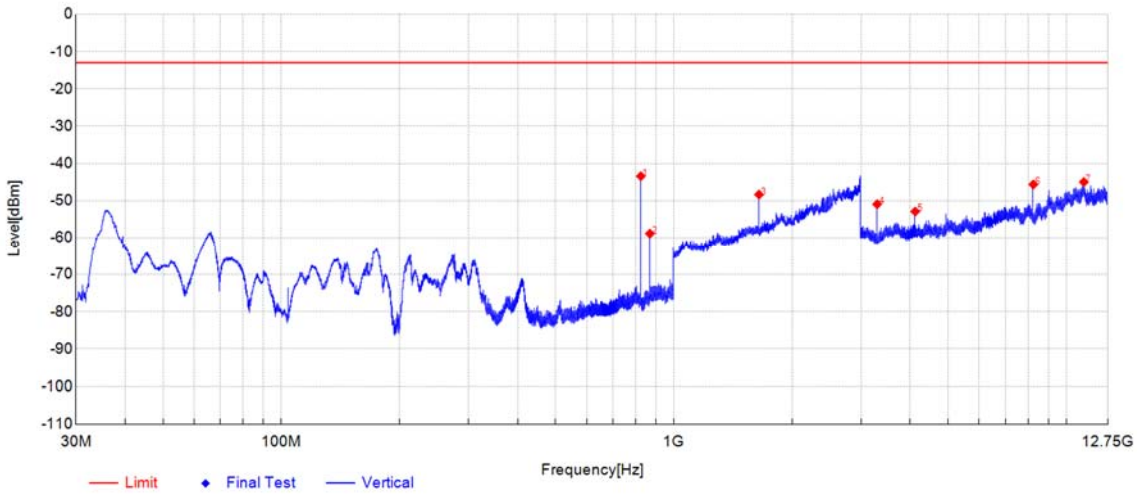
2.8.4.Test Result

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

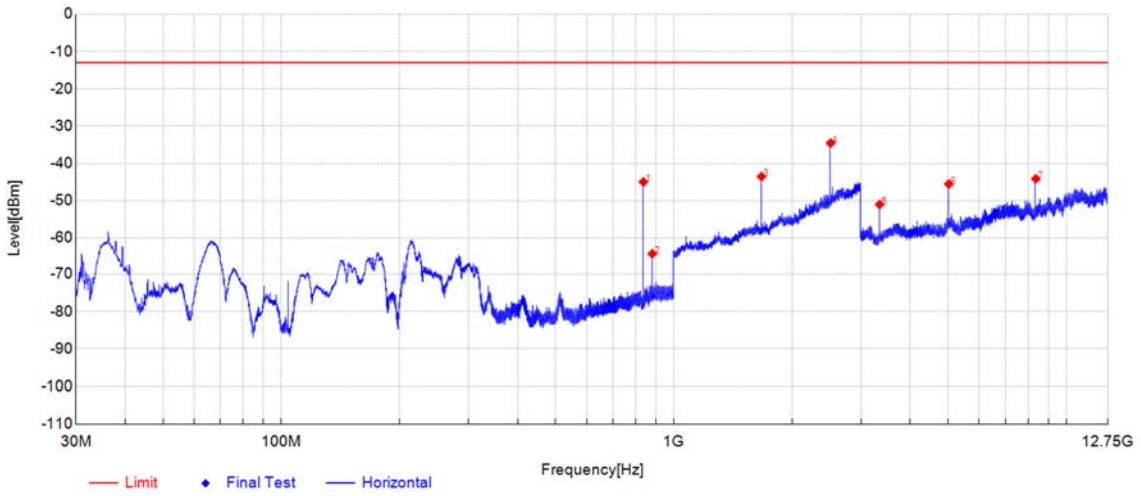


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1787	-32.21	-38.01	-5.8	-	-	Horizontal	PK	NA
881.4601	-59.01	-63.75	-4.7	-	-	Horizontal	PK	NA
1648.1296	-49.64	-46.99	2.7	-13.0	34.0	Horizontal	PK	PASS
2472.2945	-53.02	-42.68	10.3	-13.0	29.7	Horizontal	PK	PASS
3296.9023	-52.37	-53.65	-1.3	-13.0	40.7	Horizontal	PK	PASS
4120.8185	-54.86	-52.76	2.1	-13.0	39.8	Horizontal	PK	PASS
8241.8621	-61.14	-47.88	13.3	-13.0	34.9	Horizontal	PK	PASS

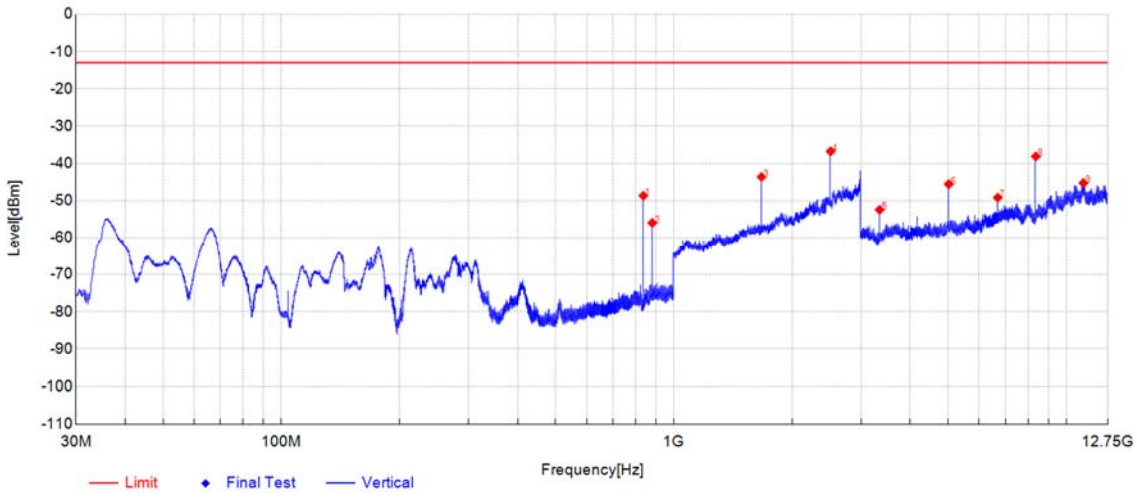


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-37.53	-43.42	-5.9	-	-	Vertical	PK	NA
869.2375	-53.96	-58.83	-4.9	-	-	Vertical	PK	NA
1648.9298	-50.82	-48.35	2.5	-13.0	35.4	Vertical	PK	PASS
3296.9023	-49.75	-50.92	-1.2	-13.0	37.9	Vertical	PK	PASS
4120.8185	-55.02	-52.88	2.1	-13.0	39.9	Vertical	PK	PASS
8241.8621	-58.25	-45.63	12.6	-13.0	32.6	Vertical	PK	PASS
11082.666	-67.32	-44.98	22.3	-13.0	32.0	Vertical	PK	PASS

Plot for Mid Channel

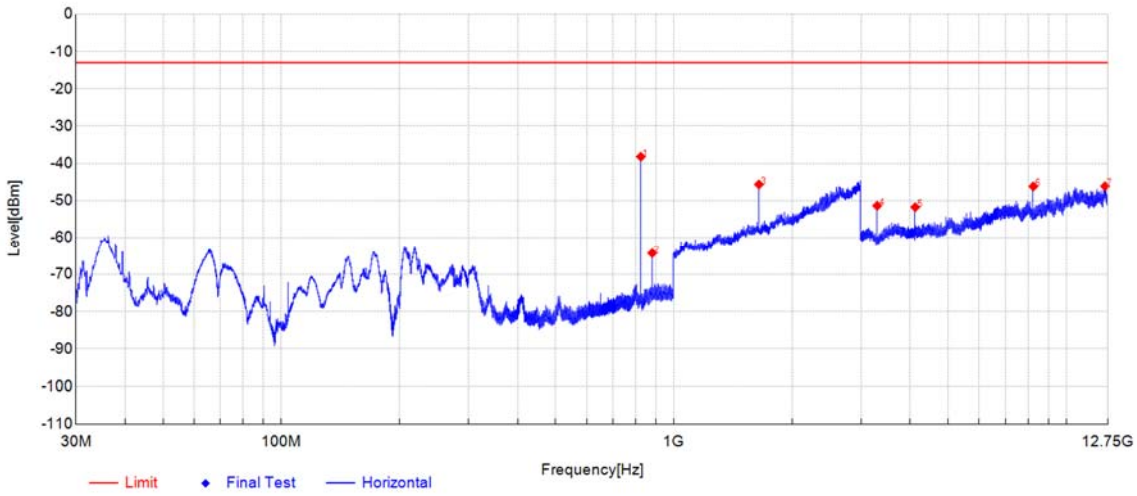


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-39.44	-44.97	-5.5	-	-	Horizontal	PK	NA
881.4116	-59.74	-64.48	-4.7	-	-	Horizontal	PK	NA
1672.9346	-46.04	-43.54	2.5	-13.0	30.5	Horizontal	PK	PASS
2509.1018	-44.61	-34.56	10.1	-13.0	21.6	Horizontal	PK	PASS
3346.1423	-50.39	-51.00	-0.6	-13.0	38.0	Horizontal	PK	PASS
5018.8384	-51.63	-45.54	6.1	-13.0	32.5	Horizontal	PK	PASS
8363.7432	-57.44	-44.12	13.3	-13.0	31.1	Horizontal	PK	PASS

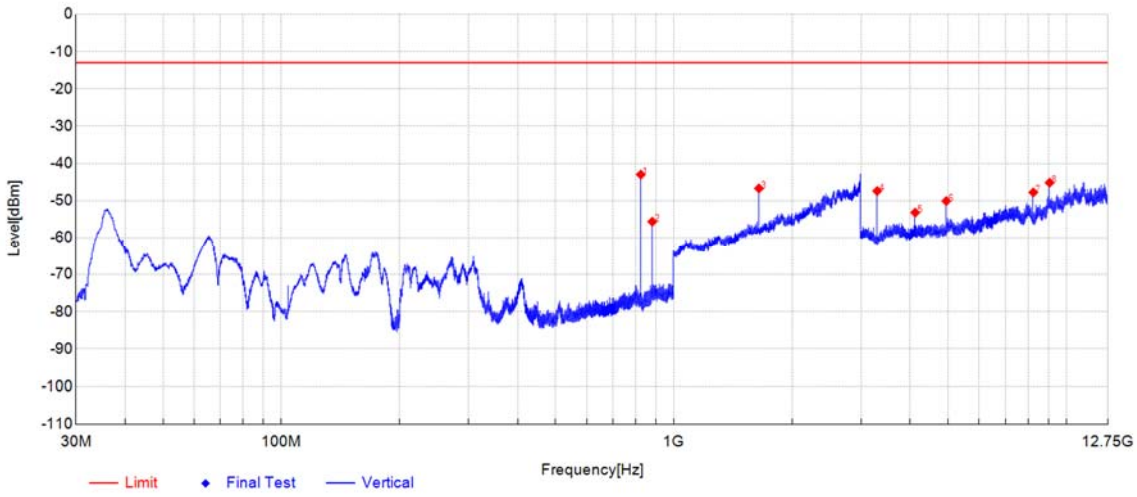


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.3528	-42.82	-48.65	-5.8	-	-	Vertical	PK	NA
881.4601	-51.49	-55.96	-4.5	-	-	Vertical	PK	NA
1672.9346	-46.36	-43.61	2.8	-13.0	30.6	Vertical	PK	PASS
2509.1018	-46.62	-36.77	9.9	-13.0	23.8	Vertical	PK	PASS
3345.6548	-51.92	-52.42	-0.5	-13.0	39.4	Vertical	PK	PASS
5018.8384	-51.09	-45.57	5.5	-13.0	32.6	Vertical	PK	PASS
6691.5346	-59.38	-49.16	10.2	-13.0	36.2	Vertical	PK	PASS
8363.7432	-50.57	-38.11	12.5	-13.0	25.1	Vertical	PK	PASS
11055.365	-67.45	-45.23	22.2	-13.0	32.2	Vertical	PK	PASS

Plot for High Channel



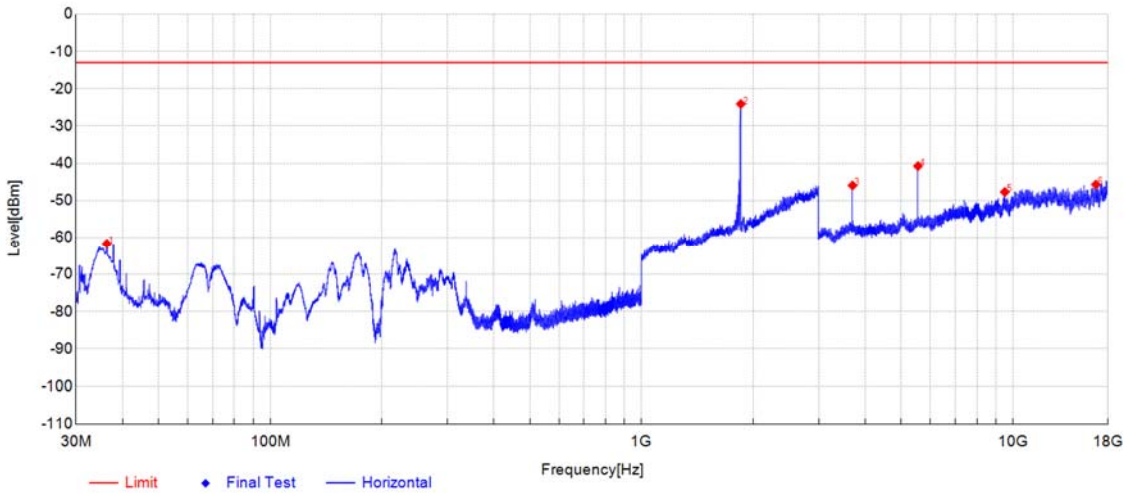
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.2272	-32.41	-38.21	-5.8	-	-	Horizontal	PK	NA
881.3146	-59.52	-64.26	-4.7	-	-	Horizontal	PK	NA
1648.1296	-48.29	-45.64	2.7	-13.0	32.6	Horizontal	PK	PASS
3296.9023	-50.09	-51.37	-1.3	-13.0	38.4	Horizontal	PK	PASS
4121.3061	-53.85	-51.74	2.1	-13.0	38.7	Horizontal	PK	PASS
8241.3746	-59.43	-46.17	13.3	-13.0	33.2	Horizontal	PK	PASS
12550.115	-69.46	-46.13	23.3	-13.0	33.1	Horizontal	PK	PASS
12570.591	-67.97	-44.69	23.3	-13.0	31.7	Horizontal	PK	PASS



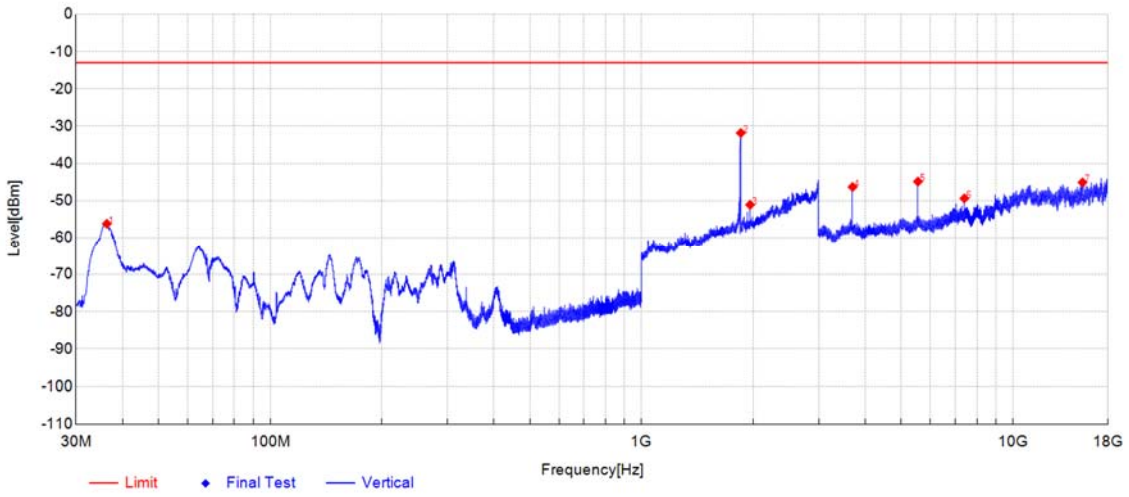
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-37.09	-42.98	-5.9	-	-	Vertical	PK	NA
881.4601	-51.15	-55.62	-4.5	-	-	Vertical	PK	NA
1648.1296	-49.17	-46.69	2.5	-13.0	33.7	Vertical	PK	PASS
3296.9023	-46.23	-47.40	-1.2	-13.0	34.4	Vertical	PK	PASS
4120.8185	-55.32	-53.18	2.1	-13.0	40.2	Vertical	PK	PASS
4944.7347	-54.76	-50.08	4.7	-13.0	37.1	Vertical	PK	PASS
8241.3746	-60.39	-47.76	12.6	-13.0	34.8	Vertical	PK	PASS
9066.2658	-61.40	-45.16	16.2	-13.0	32.2	Vertical	PK	PASS

GSM1900(GSM)

Plot for Low Channel

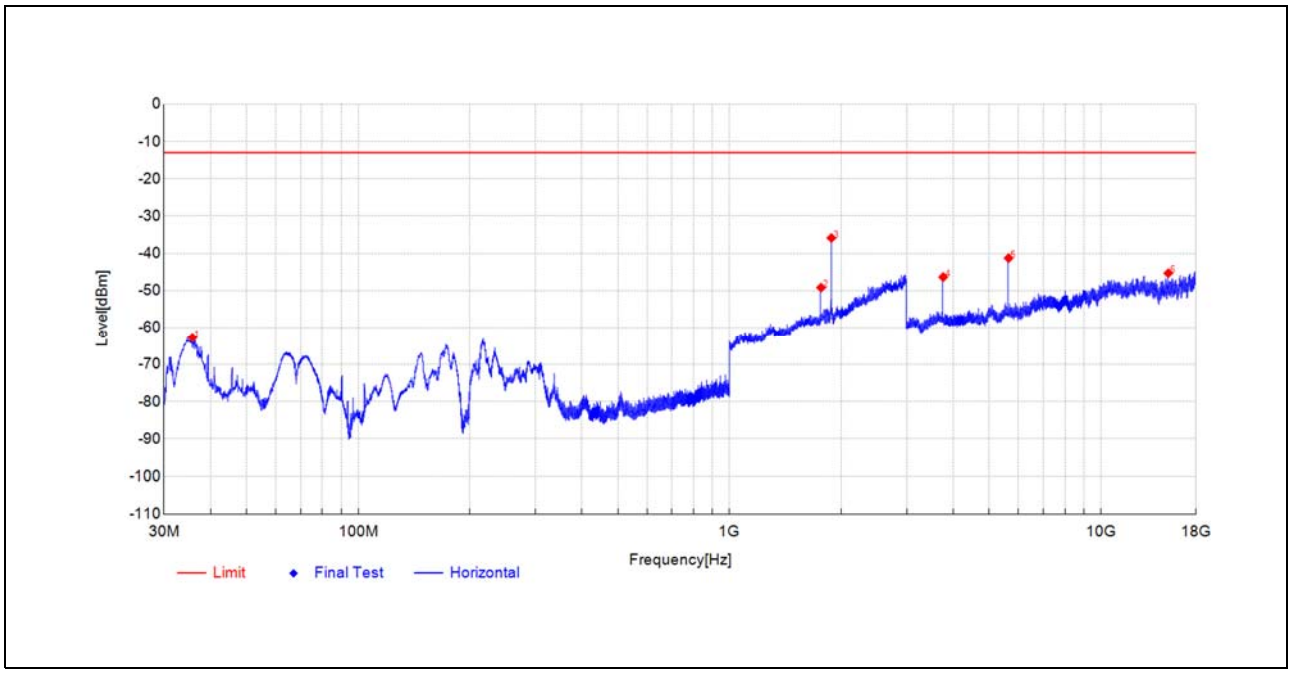


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-46.40	-61.65	-15.3	-13.0	48.7	Horizontal	PK	PASS
1850.17	-28.37	-24.09	4.3	-	-	Horizontal	PK	NA
3700.8144	-47.70	-45.93	1.8	-13.0	32.9	Horizontal	PK	PASS
5550.3643	-47.40	-40.74	6.7	-13.0	27.7	Horizontal	PK	PASS
9509.4204	-64.35	-47.69	16.7	-13.0	34.7	Horizontal	PK	PASS
16726.509	-70.46	-45.69	24.8	-13.0	32.7	Horizontal	PK	PASS

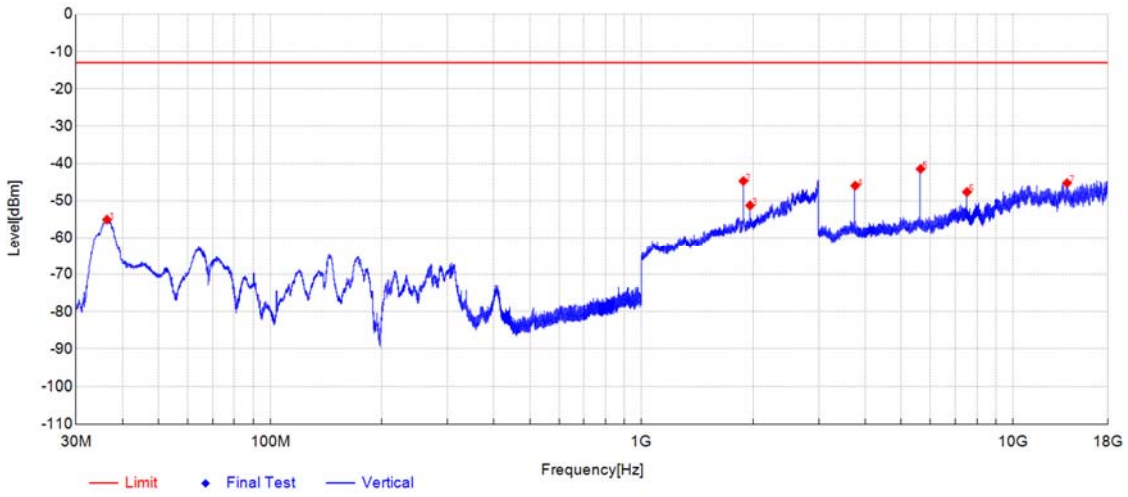


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-33.06	-56.18	-23.1	-13.0	43.2	Vertical	PK	PASS
1850.17	-36.14	-31.82	4.3	-	-	Vertical	PK	NA
1960.192	-55.30	-51.09	4.2	-	-	Vertical	PK	NA
3700.3858	-48.08	-46.31	1.8	-13.0	33.3	Vertical	PK	PASS
5550.793	-51.21	-44.86	6.4	-13.0	31.9	Vertical	PK	PASS
7400.696	-60.86	-49.38	11.5	-13.0	36.4	Vertical	PK	PASS
15397.335	-70.71	-45.09	25.6	-13.0	32.1	Vertical	PK	PASS

Plot for Mid Channel

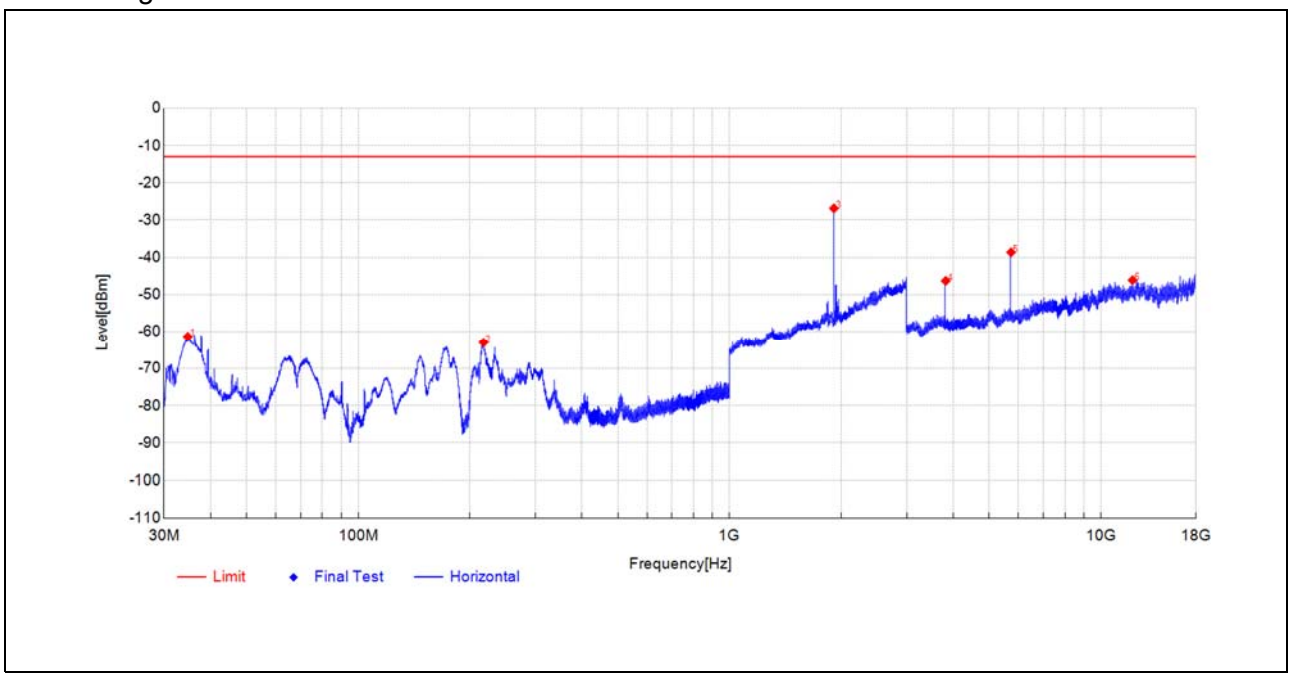


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.7718	-47.44	-62.69	-15.3	-25.0	37.7	Horizontal	PK	PASS
1763.7528	-51.81	-49.19	2.6	-	-	Horizontal	PK	NA
1880.176	-41.14	-35.86	5.3	-	-	Horizontal	PK	NA
3760.3943	-47.52	-46.35	1.2	-25.0	21.4	Horizontal	PK	PASS
5640.3772	-48.36	-41.26	7.1	-25.0	16.3	Horizontal	PK	PASS
15188.047	-69.47	-45.31	24.2	-25.0	20.3	Horizontal	PK	PASS

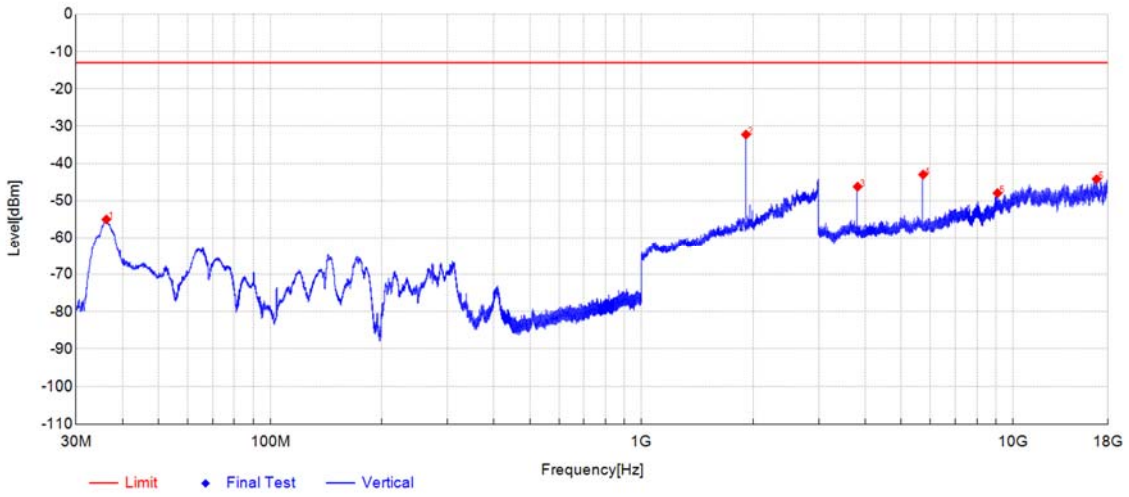


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-31.96	-55.07	-23.1	-25.0	30.1	Vertical	PK	PASS
1879.776	-49.82	-44.72	5.1	-	-	Vertical	PK	NA
1960.192	-55.46	-51.25	4.2	-	-	Vertical	PK	NA
3759.5371	-47.07	-45.97	1.1	-25.0	21.0	Vertical	PK	PASS
5639.9486	-48.17	-41.47	6.7	-25.0	16.5	Vertical	PK	PASS
7520.2208	-59.47	-47.68	11.8	-25.0	22.7	Vertical	PK	PASS
13988.959	-69.43	-45.26	24.2	-25.0	20.3	Vertical	PK	PASS

Plot for High Channel



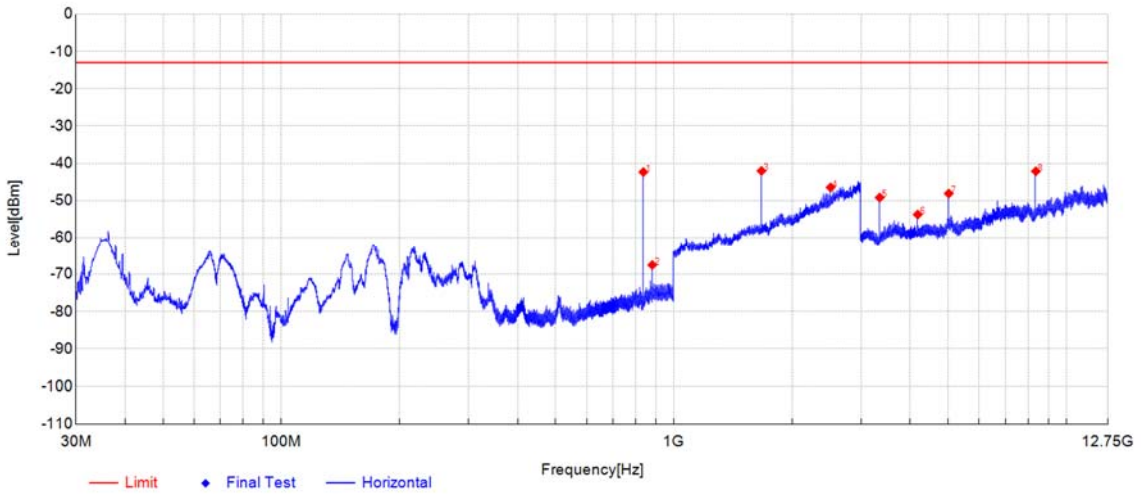
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.7532	-46.08	-61.32	-15.2	-13.0	48.3	Horizontal	PK	PASS
217.4619	-46.84	-62.97	-16.1	-13.0	50.0	Horizontal	PK	PASS
1909.782	-31.08	-26.85	4.2	-	-	Horizontal	PK	NA
3819.9743	-47.17	-46.29	0.9	-13.0	33.3	Horizontal	PK	PASS
5729.1042	-46.07	-38.64	7.4	-13.0	25.6	Horizontal	PK	PASS
12167.286	-67.87	-46.11	21.8	-13.0	33.1	Horizontal	PK	PASS



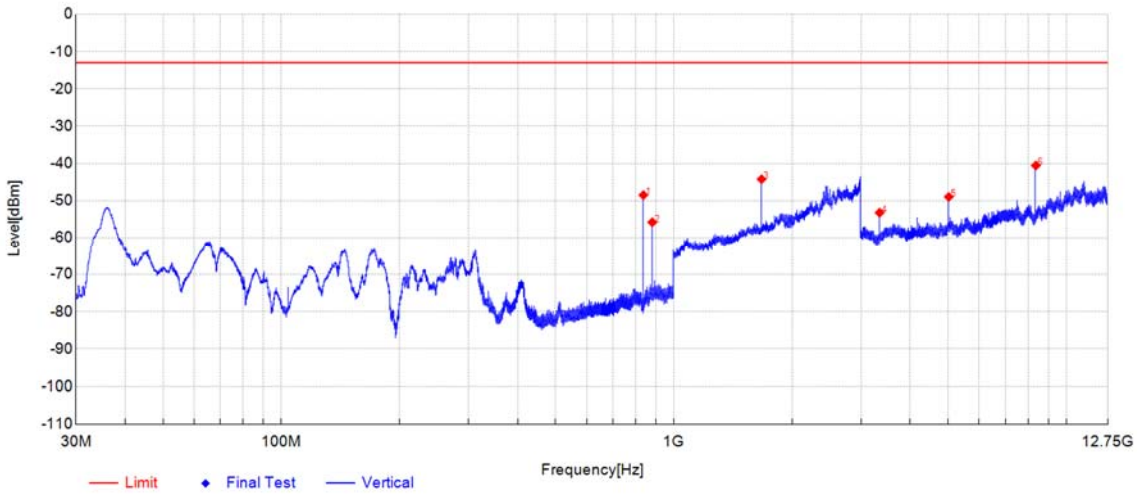
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.2083	-31.86	-55.01	-23.2	-13.0	42.0	Vertical	PK	PASS
1910.182	-37.10	-32.26	4.8	-	-	Vertical	PK	NA
3819.5456	-46.93	-46.23	0.7	-13.0	33.2	Vertical	PK	PASS
5729.5328	-49.54	-42.99	6.6	-13.0	30.0	Vertical	PK	PASS
9088.9236	-64.30	-47.96	16.3	-13.0	35.0	Vertical	PK	PASS
16796.591	-69.95	-44.21	25.7	-13.0	31.2	Vertical	PK	PASS

GSM850(EDGE)

Plot for Low Channel

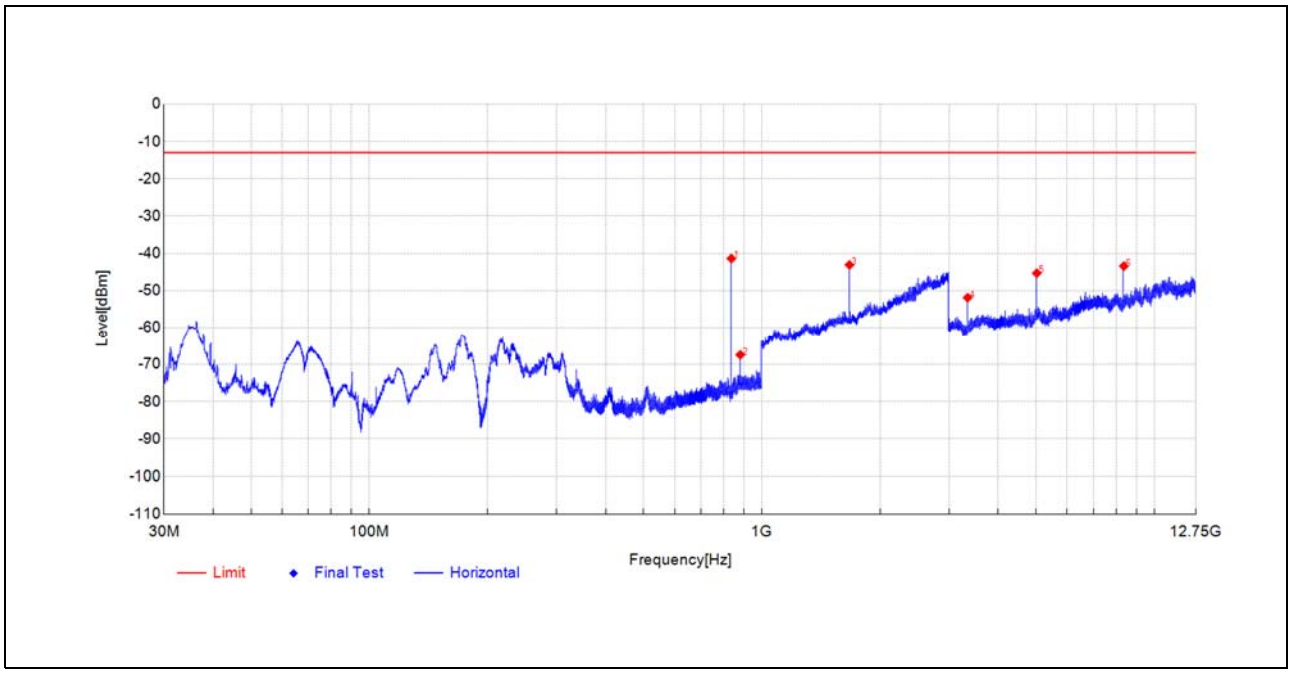


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-36.81	-42.34	-5.5	-	-	Horizontal	PK	NA
881.4116	-62.78	-67.52	-4.7	-	-	Horizontal	PK	NA
1672.9346	-44.52	-42.02	2.5	-13.0	29.0	Horizontal	PK	PASS
2509.1018	-56.50	-46.45	10.1	-13.0	33.5	Horizontal	PK	PASS
3346.1423	-48.57	-49.18	-0.6	-13.0	36.2	Horizontal	PK	PASS
4181.7591	-55.91	-53.74	2.2	-13.0	40.7	Horizontal	PK	PASS
5018.3509	-54.19	-48.10	6.1	-13.0	35.1	Horizontal	PK	PASS
8364.7182	-55.45	-42.12	13.3	-13.0	29.1	Horizontal	PK	PASS

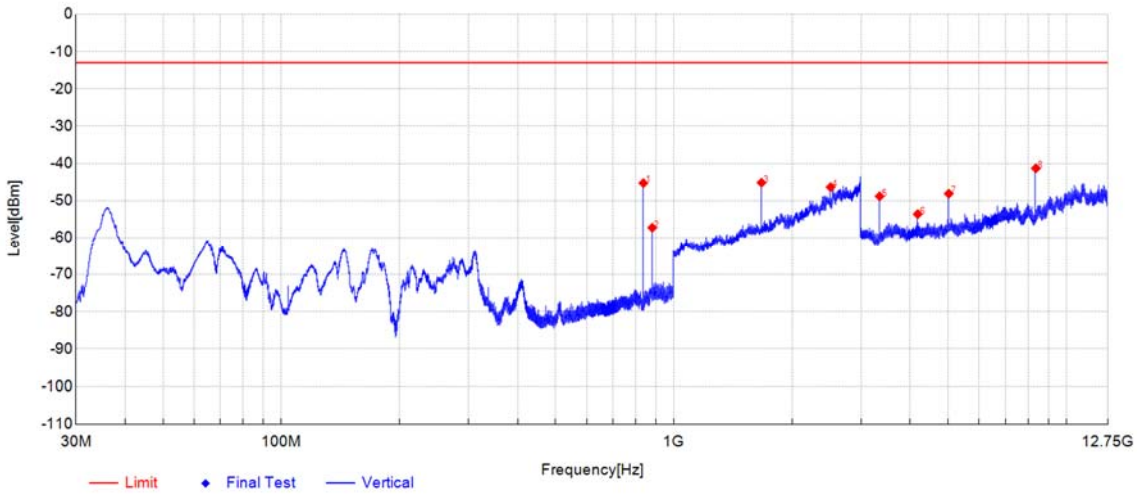


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-42.65	-48.48	-5.8	-	-	Vertical	PK	NA
881.4601	-51.30	-55.77	-4.5	-	-	Vertical	PK	NA
1673.3347	-46.99	-44.22	2.8	-13.0	31.2	Vertical	PK	PASS
3345.6548	-52.70	-53.20	-0.5	-13.0	40.2	Vertical	PK	PASS
5018.8384	-54.48	-48.96	5.5	-13.0	36.0	Vertical	PK	PASS
8364.7182	-53.01	-40.54	12.5	-13.0	27.5	Vertical	PK	PASS

Plot for Mid Channel

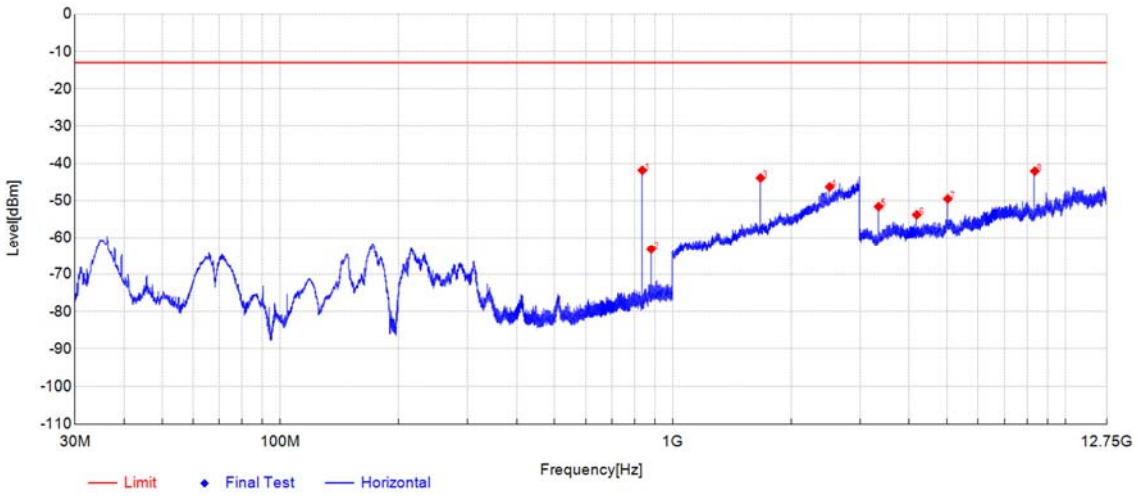


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-35.84	-41.37	-5.5	-	-	Horizontal	PK	NA
881.4116	-62.70	-67.44	-4.7	-	-	Horizontal	PK	NA
1672.5345	-45.59	-43.09	2.5	-13.0	30.1	Horizontal	PK	PASS
3345.6548	-51.26	-51.88	-0.6	-13.0	38.9	Horizontal	PK	PASS
5018.3509	-51.40	-45.31	6.1	-13.0	32.3	Horizontal	PK	PASS
8363.7432	-56.74	-43.42	13.3	-13.0	30.4	Horizontal	PK	PASS

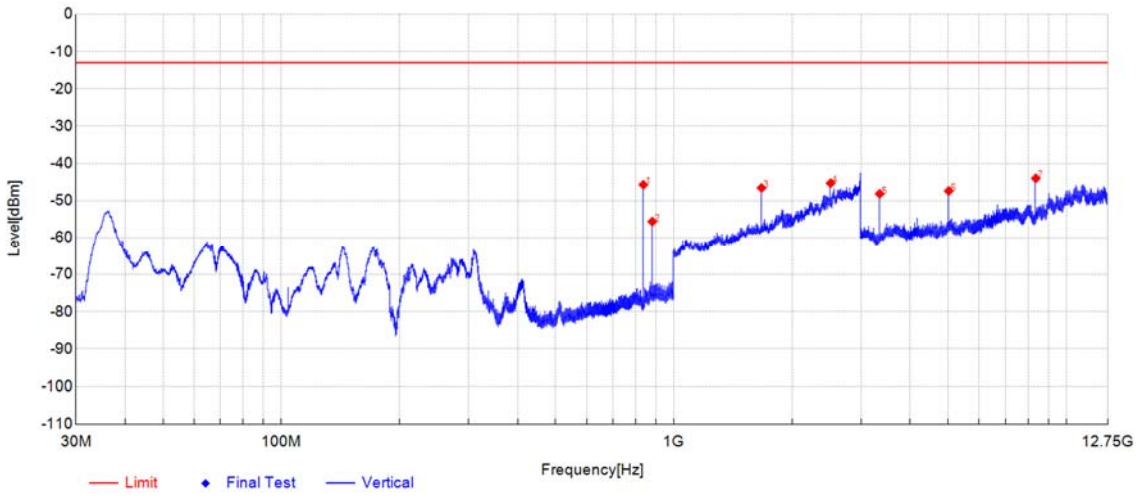


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-39.44	-45.27	-5.8	-	-	Vertical	PK	NA
881.3631	-52.76	-57.23	-4.5	-	-	Vertical	PK	NA
1672.5345	-47.89	-45.15	2.7	-13.0	32.2	Vertical	PK	PASS
2509.1018	-56.19	-46.34	9.9	-13.0	33.3	Vertical	PK	PASS
3345.6548	-48.31	-48.81	-0.5	-13.0	35.8	Vertical	PK	PASS
4182.2466	-55.86	-53.59	2.3	-13.0	40.6	Vertical	PK	PASS
5018.8384	-53.63	-48.11	5.5	-13.0	35.1	Vertical	PK	PASS
8363.7432	-53.76	-41.30	12.5	-13.0	28.3	Vertical	PK	PASS

Plot for High Channel



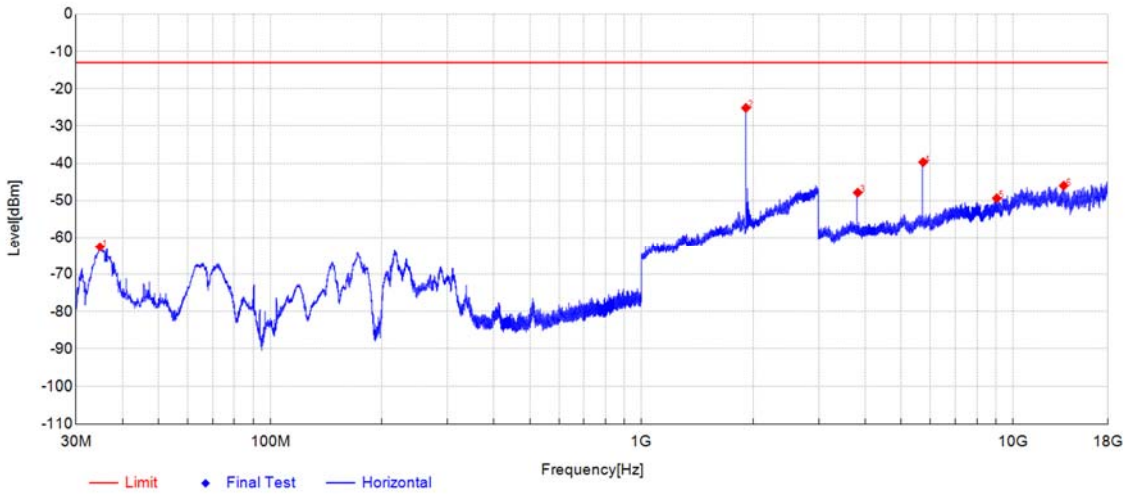
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-36.33	-41.86	-5.5	-	-	Horizontal	PK	NA
881.4116	-58.47	-63.21	-4.7	-	-	Horizontal	PK	NA
1673.3347	-46.42	-43.91	2.5	-13.0	30.9	Horizontal	PK	PASS
2509.5019	-56.38	-46.31	10.1	-13.0	33.3	Horizontal	PK	PASS
3345.6548	-50.96	-51.58	-0.6	-13.0	38.6	Horizontal	PK	PASS
4181.7591	-55.95	-53.78	2.2	-13.0	40.8	Horizontal	PK	PASS
5018.3509	-55.59	-49.50	6.1	-13.0	36.5	Horizontal	PK	PASS
8363.7432	-55.40	-42.08	13.3	-13.0	29.1	Horizontal	PK	PASS



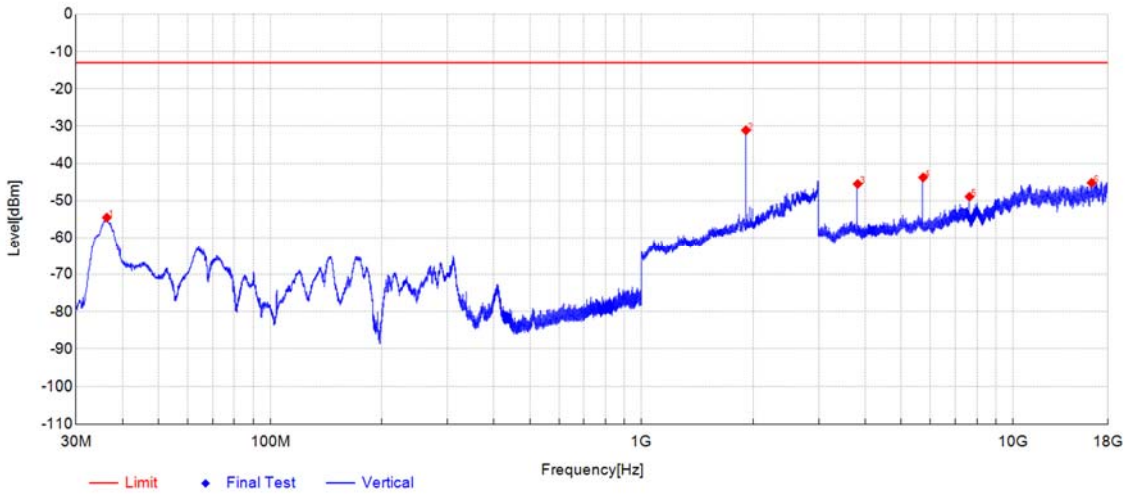
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-39.88	-45.71	-5.8	-	-	Vertical	PK	NA
881.4601	-51.13	-55.60	-4.5	-	-	Vertical	PK	NA
1673.3347	-49.34	-46.57	2.8	-13.0	33.6	Vertical	PK	PASS
2509.1018	-55.15	-45.30	9.9	-13.0	32.3	Vertical	PK	PASS
3346.1423	-47.65	-48.14	-0.5	-13.0	35.1	Vertical	PK	PASS
5018.3509	-52.89	-47.37	5.5	-13.0	34.4	Vertical	PK	PASS
8363.2557	-56.45	-43.99	12.5	-13.0	31.0	Vertical	PK	PASS

GSM1900(EDGE)

Plot for Low Channel

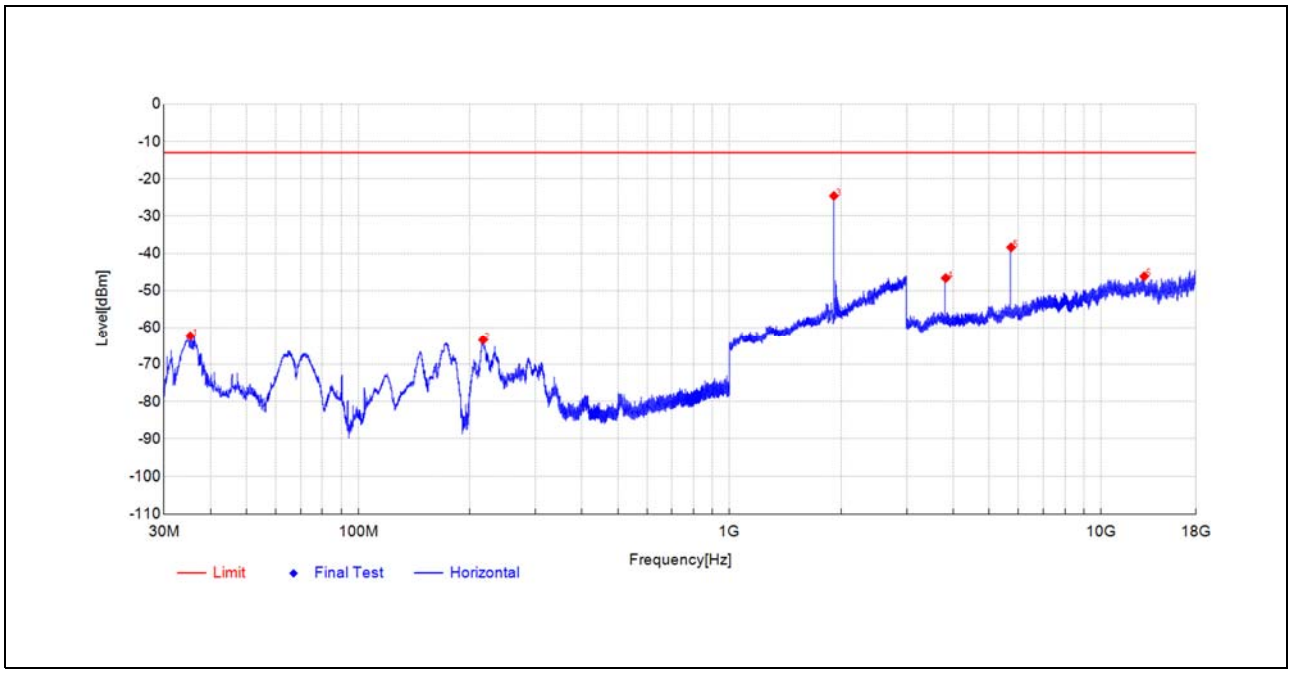


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.8017	-47.28	-62.52	-15.2	-13.0	49.5	Horizontal	PK	PASS
1909.782	-29.37	-25.14	4.2	-	-	Horizontal	PK	NA
3819.9743	-48.73	-47.85	0.9	-13.0	34.9	Horizontal	PK	PASS
5729.5328	-47.13	-39.70	7.4	-13.0	26.7	Horizontal	PK	PASS
9047.6419	-64.93	-49.38	15.6	-13.0	36.4	Horizontal	PK	PASS
13698.547	-69.64	-45.99	23.7	-13.0	33.0	Horizontal	PK	PASS

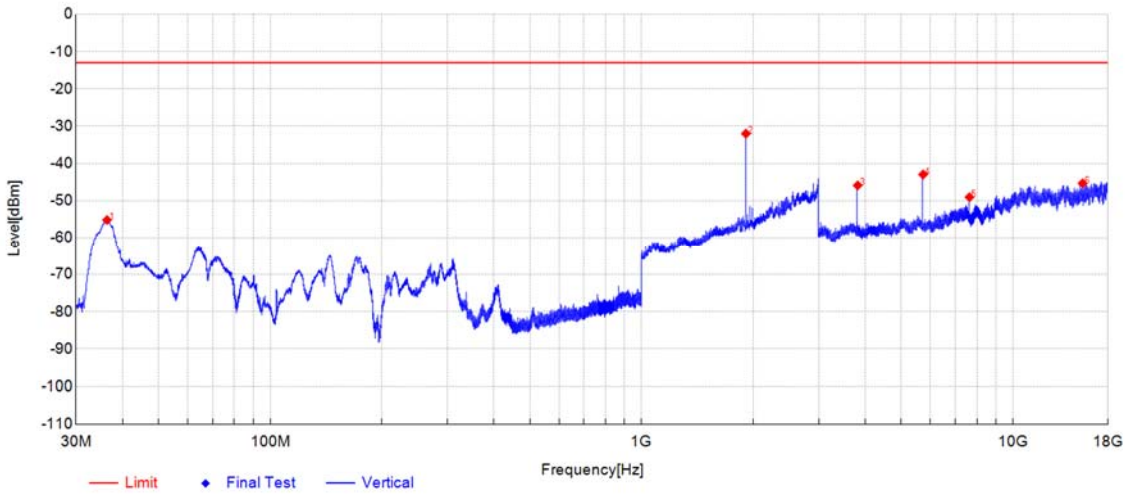


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-31.41	-54.53	-23.1	-13.0	41.5	Vertical	PK	PASS
1909.782	-35.95	-31.10	4.9	-	-	Vertical	PK	NA
3819.5456	-46.20	-45.50	0.7	-13.0	32.5	Vertical	PK	PASS
5729.5328	-50.31	-43.76	6.6	-13.0	30.8	Vertical	PK	PASS
7639.2656	-60.19	-48.91	11.3	-13.0	35.9	Vertical	PK	PASS
16291.611	-71.39	-45.20	26.2	-13.0	32.2	Vertical	PK	PASS

Plot for Mid Channel

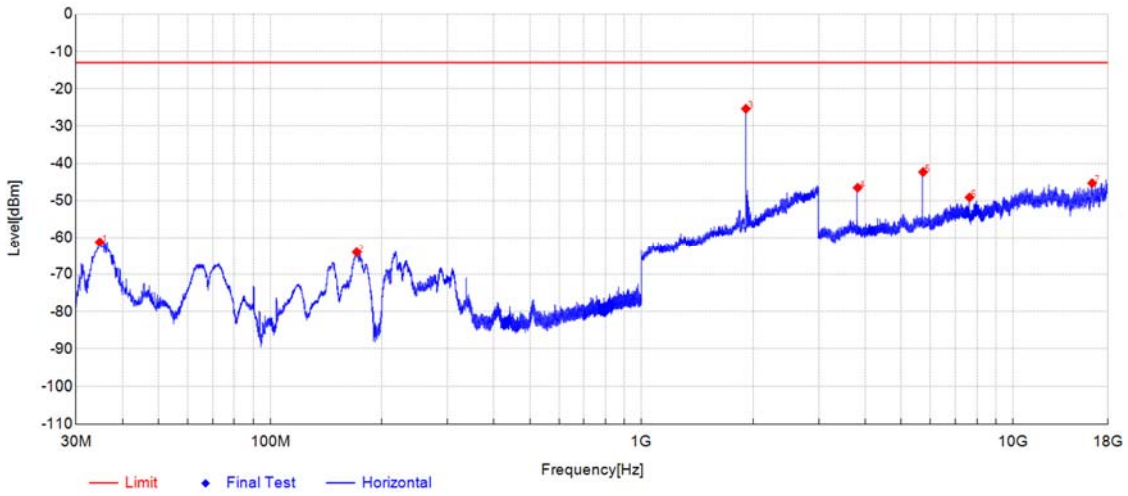


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.2868	-47.03	-62.27	-15.2	-13.0	49.3	Horizontal	PK	PASS
216.8313	-47.21	-63.38	-16.2	-13.0	50.4	Horizontal	PK	PASS
1909.3819	-28.82	-24.58	4.2	-	-	Horizontal	PK	NA
3819.117	-47.50	-46.62	0.9	-13.0	33.6	Horizontal	PK	PASS
5729.5328	-45.82	-38.39	7.4	-13.0	25.4	Horizontal	PK	PASS
13080.283	-70.01	-46.14	23.9	-13.0	33.1	Horizontal	PK	PASS

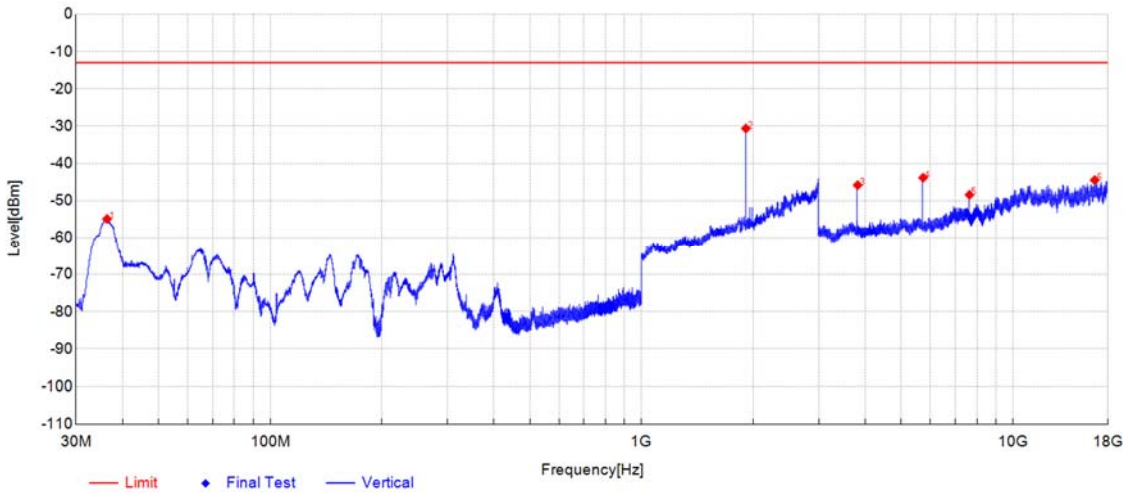


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-32.06	-55.17	-23.1	-13.0	42.2	Vertical	PK	PASS
1909.782	-36.86	-32.01	4.9	-	-	Vertical	PK	NA
3819.5456	-46.58	-45.88	0.7	-13.0	32.9	Vertical	PK	PASS
5729.5328	-49.51	-42.96	6.6	-13.0	30.0	Vertical	PK	PASS
7639.2656	-60.33	-49.05	11.3	-13.0	36.1	Vertical	PK	PASS
15403.576	-70.92	-45.33	25.6	-13.0	32.3	Vertical	PK	PASS

Plot for High Channel



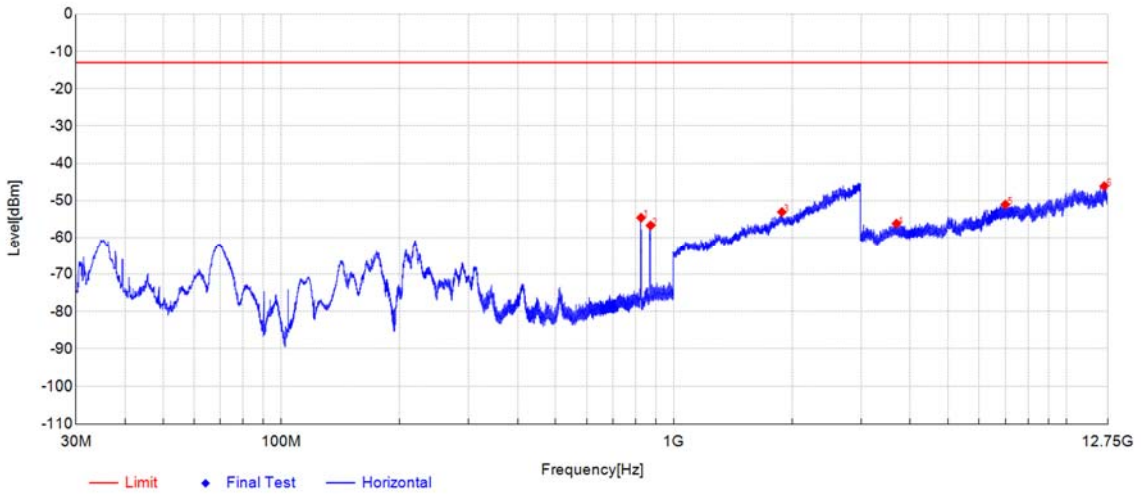
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.7532	-45.92	-61.16	-15.2	-13.0	48.2	Horizontal	PK	PASS
170.948	-41.28	-64.03	-22.8	-13.0	51.0	Horizontal	PK	PASS
1909.782	-29.60	-25.37	4.2	-	-	Horizontal	PK	NA
3819.5456	-47.40	-46.52	0.9	-13.0	33.5	Horizontal	PK	PASS
5729.9614	-49.75	-42.32	7.4	-13.0	29.3	Horizontal	PK	PASS
7638.7856	-61.09	-49.13	12.0	-13.0	36.1	Horizontal	PK	PASS
16341.053	-70.17	-45.31	24.9	-13.0	32.3	Horizontal	PK	PASS



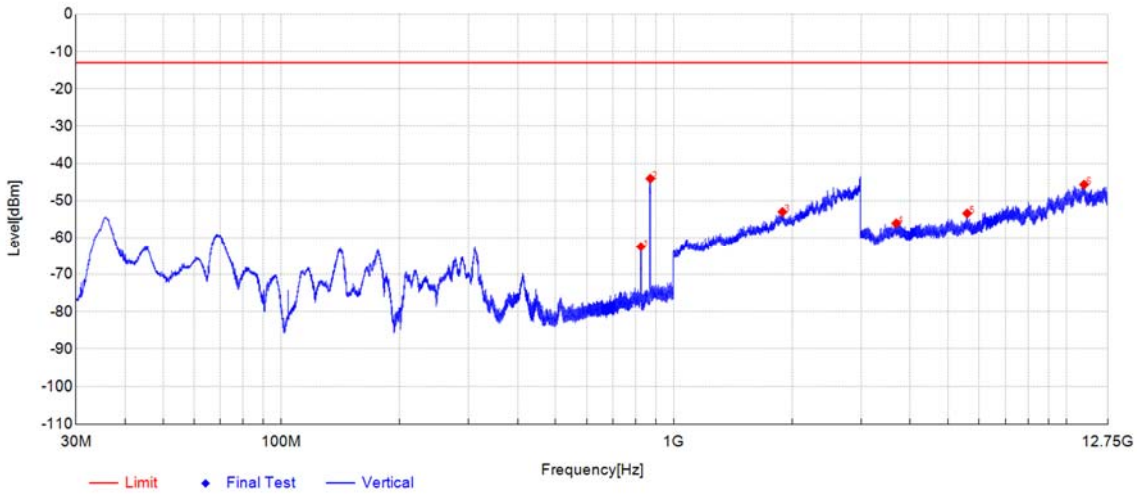
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-31.79	-54.90	-23.1	-13.0	41.9	Vertical	PK	PASS
1909.782	-35.48	-30.63	4.9	-	-	Vertical	PK	NA
3819.5456	-46.51	-45.81	0.7	-13.0	32.8	Vertical	PK	PASS
5728.6755	-50.38	-43.83	6.6	-13.0	30.8	Vertical	PK	PASS
7639.2656	-59.70	-48.42	11.3	-13.0	35.4	Vertical	PK	PASS
16604.104	-70.40	-44.47	25.9	-13.0	31.5	Vertical	PK	PASS

WCDMA Band V(WCDMA)

Plot for Low Channel

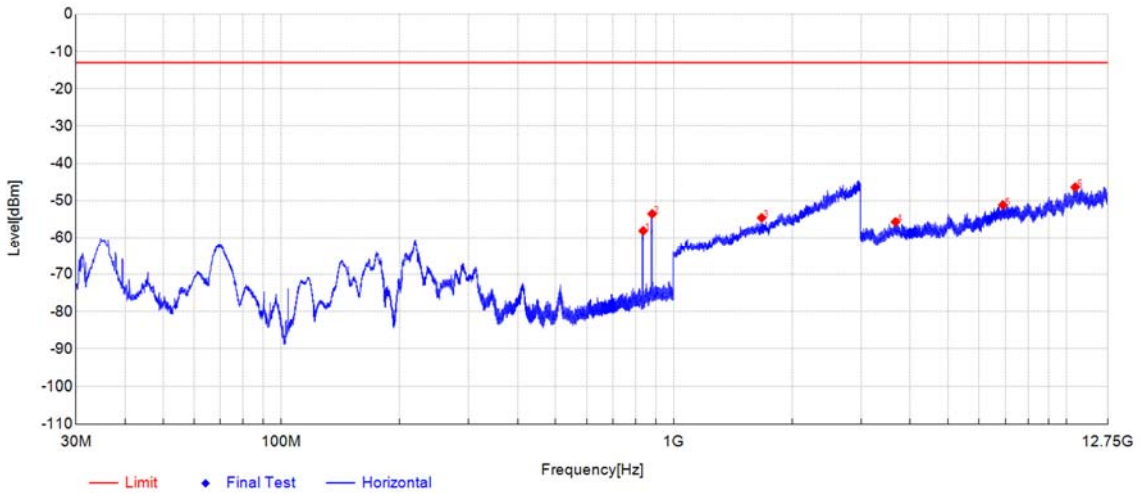


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
825.5368	-48.79	-54.58	-5.8	-	-	Horizontal	PK	NA
872.7296	-51.85	-56.67	-4.8	-	-	Horizontal	PK	NA
1885.3771	-58.94	-53.07	5.9	-13.0	40.1	Horizontal	PK	PASS
3692.2846	-57.93	-56.16	1.8	-13.0	43.2	Horizontal	PK	PASS
6993.7997	-62.66	-51.04	11.6	-13.0	38.0	Horizontal	PK	PASS
12494.537	-69.44	-46.13	23.3	-13.0	33.1	Horizontal	PK	PASS

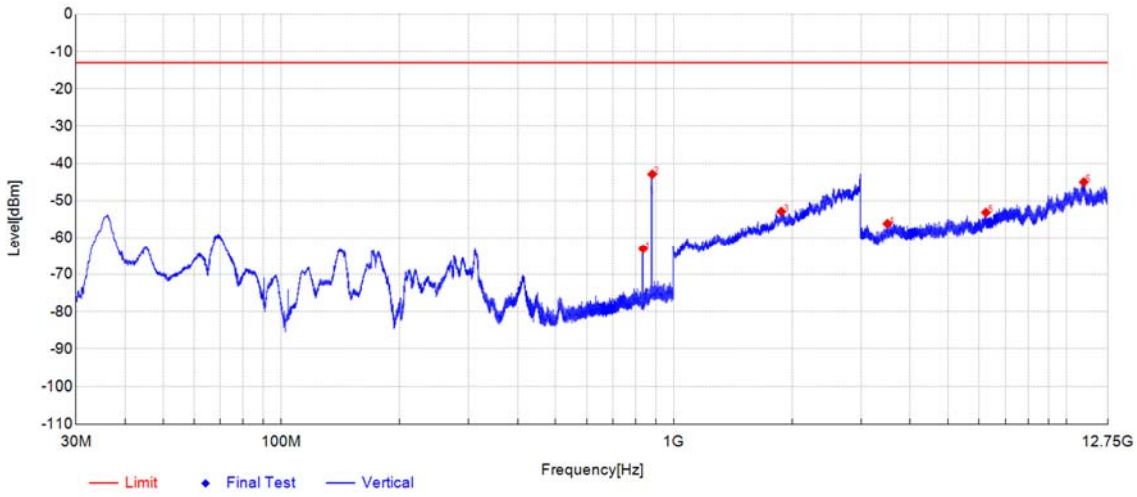


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.7607	-56.55	-62.45	-5.9	-	-	Vertical	PK	NA
871.4686	-39.29	-44.07	-4.8	-	-	Vertical	PK	NA
1891.7784	-58.91	-53.01	5.9	-13.0	40.0	Vertical	PK	PASS
3686.9218	-57.80	-56.06	1.7	-13.0	43.1	Vertical	PK	PASS
5590.7045	-60.11	-53.41	6.7	-13.0	40.4	Vertical	PK	PASS
11100.217	-68.09	-45.68	22.4	-13.0	32.7	Vertical	PK	PASS

Plot for Mid Channel

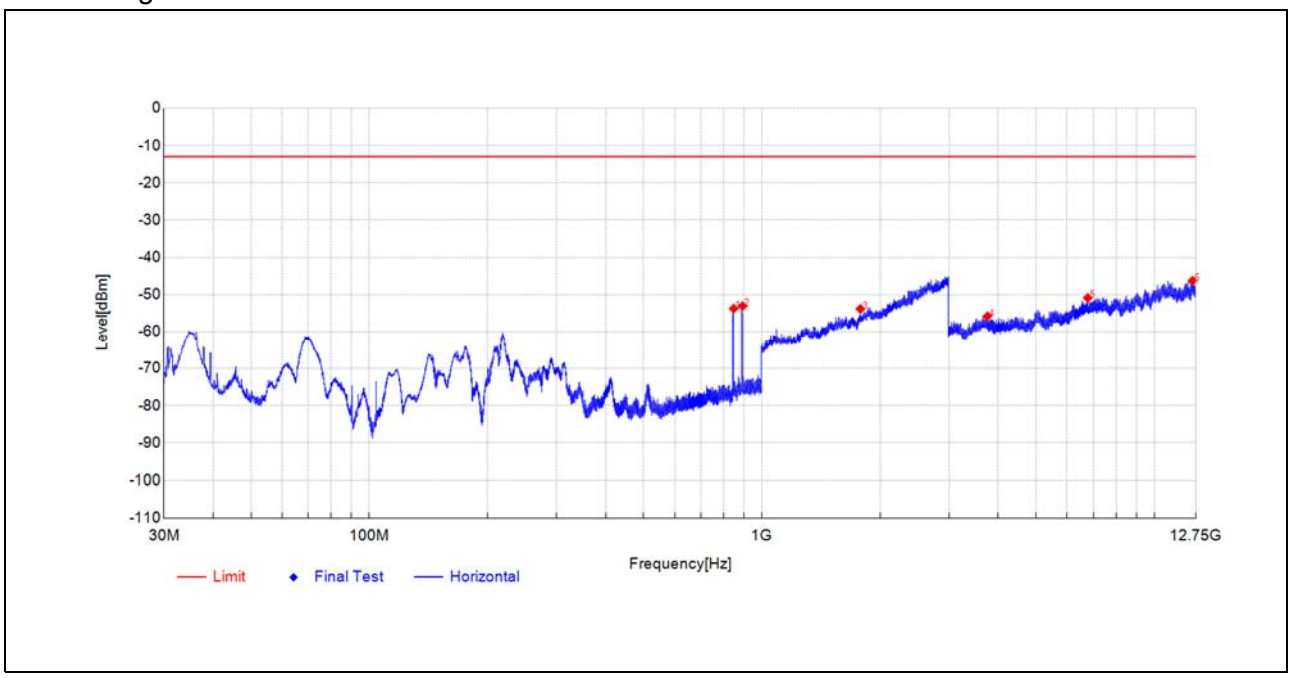


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.6253	-52.53	-58.09	-5.6	-	-	Horizontal	PK	NA
880.878	-48.79	-53.53	-4.7	-	-	Horizontal	PK	NA
1674.935	-57.11	-54.60	2.5	-13.0	41.6	Horizontal	PK	PASS
3671.8086	-57.43	-55.69	1.7	-13.0	42.7	Horizontal	PK	PASS
6893.8572	-62.50	-51.16	11.3	-13.0	38.2	Horizontal	PK	PASS
10536.151	-66.13	-46.38	19.8	-13.0	33.4	Horizontal	PK	PASS

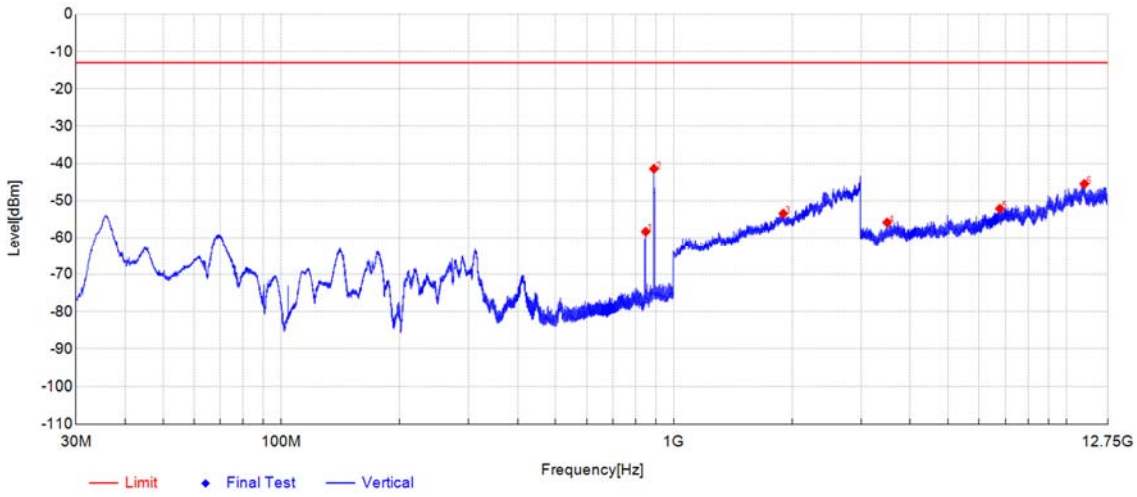


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.4313	-57.24	-63.09	-5.9	-	-	Vertical	PK	NA
881.2176	-38.44	-42.91	-4.5	-	-	Vertical	PK	NA
1878.9758	-58.76	-52.90	5.9	-13.0	39.9	Vertical	PK	PASS
3501.6626	-57.48	-56.18	1.3	-13.0	43.2	Vertical	PK	PASS
6240.087	-62.28	-53.18	9.1	-13.0	40.2	Vertical	PK	PASS
11077.303	-67.33	-45.01	22.3	-13.0	32.0	Vertical	PK	PASS

Plot for High Channel



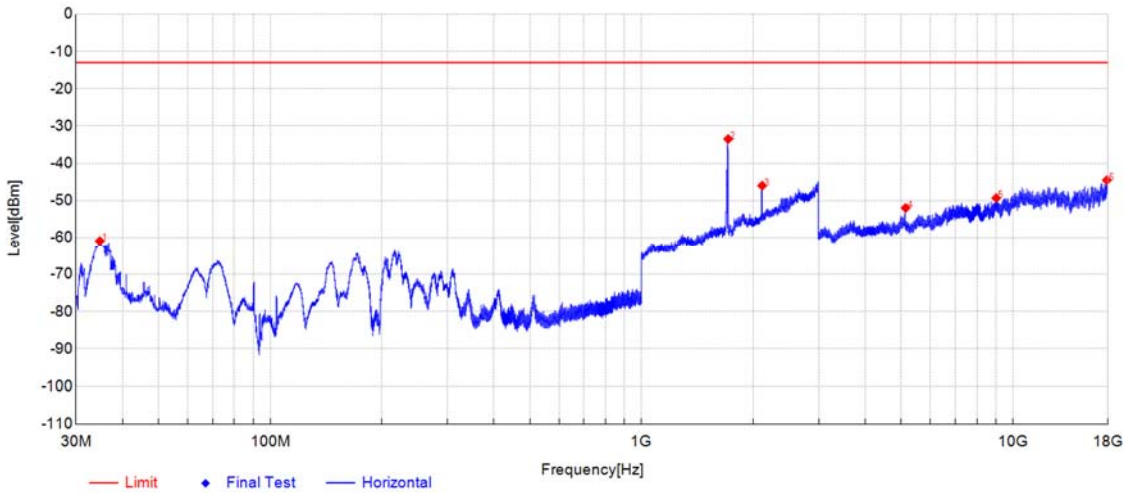
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
847.9934	-48.52	-53.73	-5.2	-	-	Horizontal	PK	NA
893.1007	-48.39	-53.07	-4.7	-	-	Horizontal	PK	NA
1783.7568	-57.82	-53.80	4.0	-13.0	40.8	Horizontal	PK	PASS
3756.1503	-57.00	-55.79	1.2	-13.0	42.8	Horizontal	PK	PASS
6766.6133	-62.53	-50.87	11.7	-13.0	37.9	Horizontal	PK	PASS
12520.376	-69.66	-46.27	23.4	-13.0	33.3	Horizontal	PK	PASS



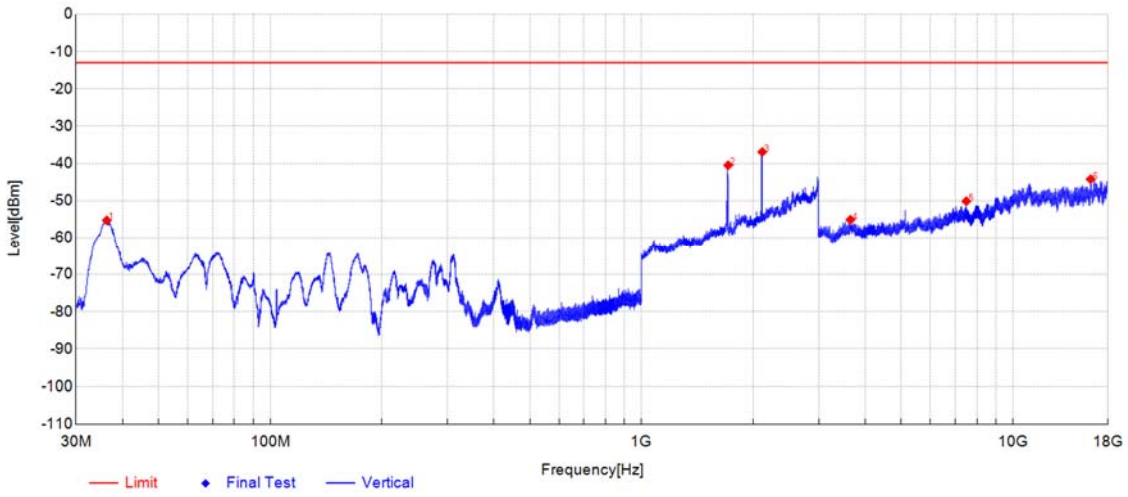
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.2359	-52.75	-58.29	-5.5	-	-	Vertical	PK	NA
890.0935	-36.99	-41.44	-4.5	-	-	Vertical	PK	NA
1900.5801	-59.34	-53.44	5.9	-13.0	40.4	Vertical	PK	PASS
3494.8372	-57.08	-55.83	1.3	-13.0	42.8	Vertical	PK	PASS
6771.4886	-62.89	-52.12	10.8	-13.0	39.1	Vertical	PK	PASS
11117.768	-67.63	-45.47	22.2	-13.0	32.5	Vertical	PK	PASS

WCDMA Band IV(WCDMA)

Plot for Low Channel

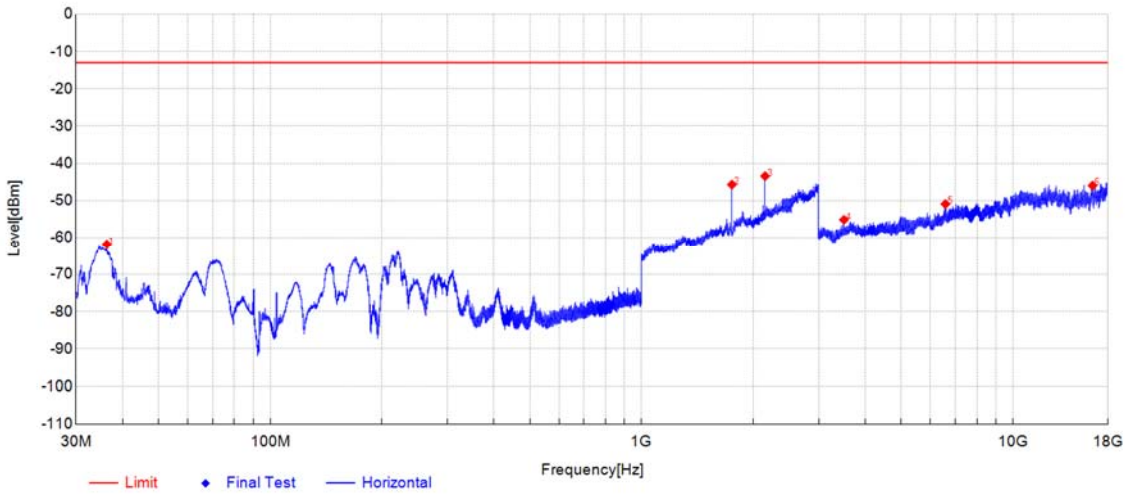


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.7532	-45.63	-60.88	-15.3	-13.0	47.9	Horizontal	PK	PASS
1711.3423	-36.82	-33.49	3.3	-	-	Horizontal	PK	NA
2113.0226	-51.78	-45.99	5.8	-	-	Horizontal	PK	NA
5139.3056	-57.65	-51.96	5.7	-13.0	39.0	Horizontal	PK	PASS
9018.8408	-64.79	-49.32	15.5	-13.0	36.3	Horizontal	PK	PASS
17901.116	-69.04	-44.54	24.5	-13.0	31.5	Horizontal	PK	PASS

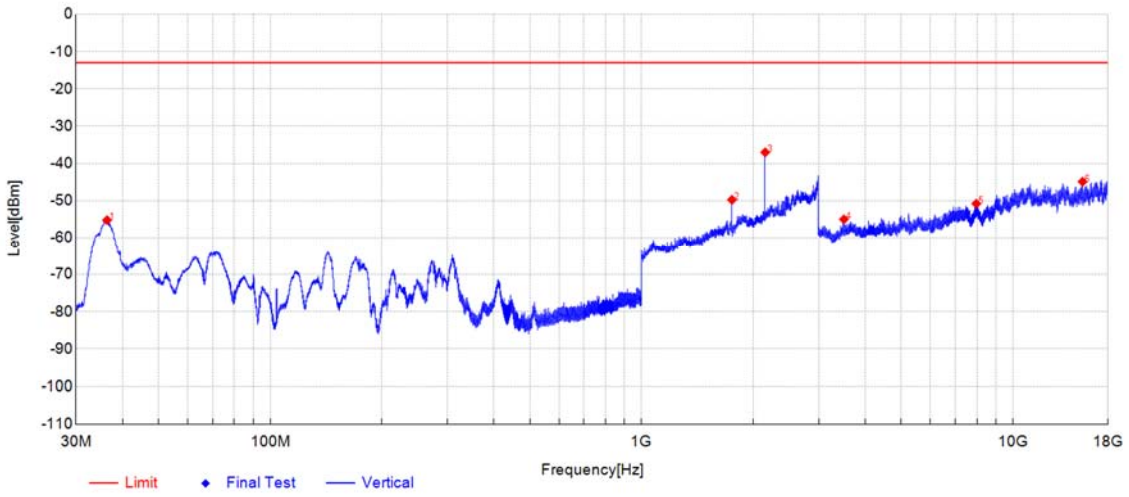


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-32.14	-55.27	-23.1	-13.0	42.3	Vertical	PK	PASS
1711.3423	-43.96	-40.48	3.5	-	-	Vertical	PK	NA
2113.8228	-42.54	-36.91	5.6	-	-	Vertical	PK	NA
3650.6644	-56.73	-55.09	1.6	-13.0	42.1	Vertical	PK	PASS
7491.4197	-62.04	-50.12	11.9	-13.0	37.1	Vertical	PK	PASS
16192.727	-70.45	-44.23	26.2	-13.0	31.2	Vertical	PK	PASS

Plot for Mid Channel

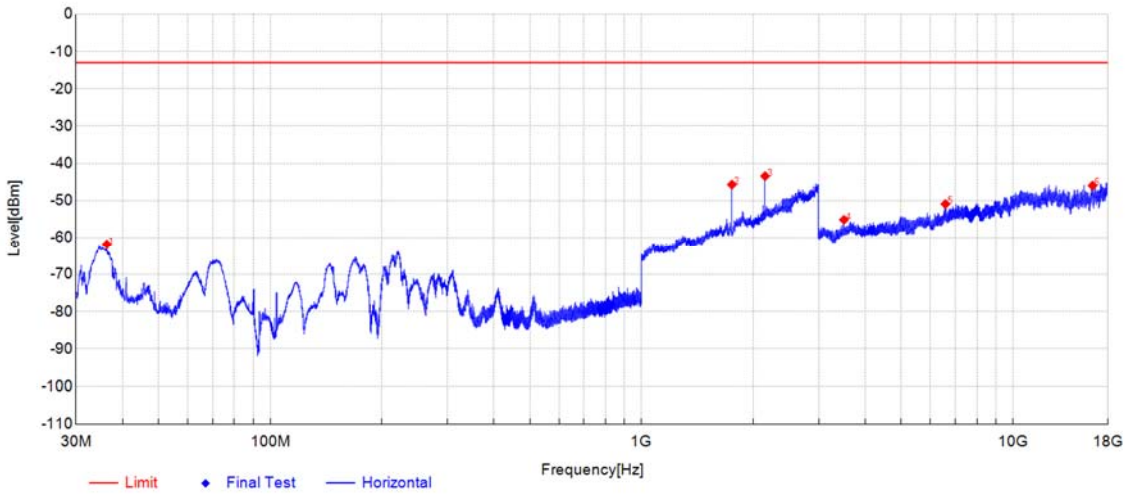


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-46.55	-61.81	-15.3	-13.0	48.8	Horizontal	PK	PASS
1750.9502	-48.61	-45.69	2.9	-	-	Horizontal	PK	NA
2151.4303	-49.43	-43.41	6.0	-	-	Horizontal	PK	NA
3507.9297	-56.22	-55.12	1.1	-13.0	42.1	Horizontal	PK	PASS
6580.8232	-62.06	-50.90	11.2	-13.0	37.9	Horizontal	PK	PASS
16387.135	-71.52	-45.95	25.6	-13.0	33.0	Horizontal	PK	PASS

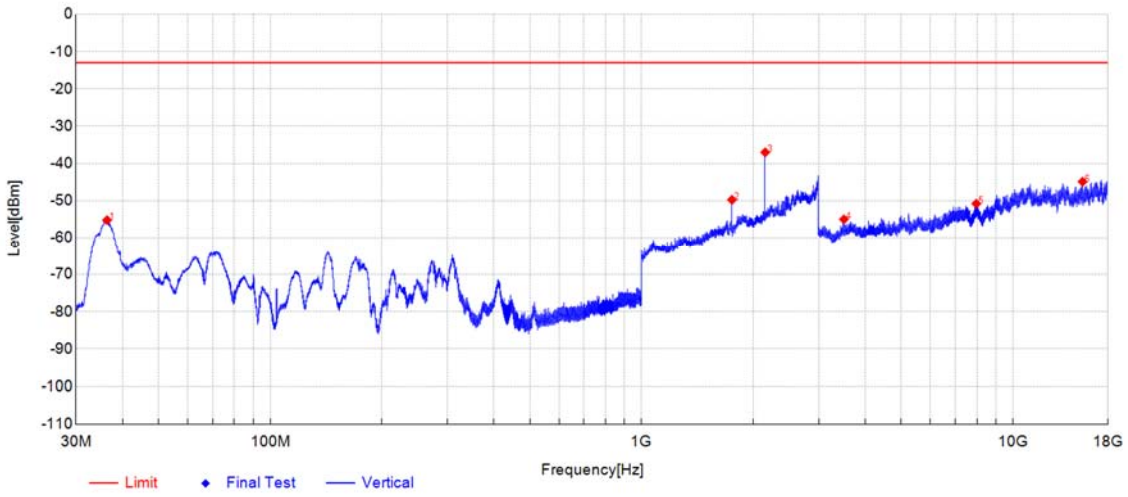


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-32.10	-55.21	-23.1	-13.0	42.2	Vertical	PK	PASS
1751.3503	-53.23	-49.76	3.5	-	-	Vertical	PK	NA
2152.6305	-42.72	-37.02	5.7	-	-	Vertical	PK	NA
3506.6438	-56.30	-54.98	1.3	-13.0	42.0	Vertical	PK	PASS
7971.9189	-63.60	-50.80	12.8	-13.0	37.8	Vertical	PK	PASS
15399.256	-70.56	-44.89	25.7	-13.0	31.9	Vertical	PK	PASS

Plot for High Channel



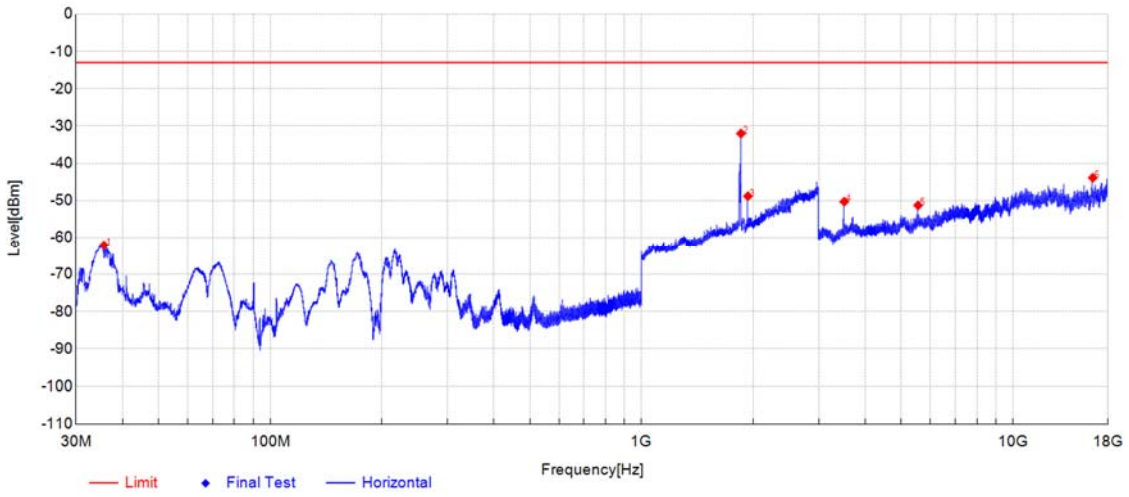
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-46.55	-61.81	-15.3	-13.0	48.8	Horizontal	PK	PASS
1750.9502	-48.61	-45.69	2.9	-	-	Horizontal	PK	NA
2151.4303	-49.43	-43.41	6.0	-	-	Horizontal	PK	NA
3507.9297	-56.22	-55.12	1.1	-13.0	42.1	Horizontal	PK	PASS
6580.8232	-62.06	-50.90	11.2	-13.0	37.9	Horizontal	PK	PASS
16387.135	-71.52	-45.95	25.6	-13.0	33.0	Horizontal	PK	PASS



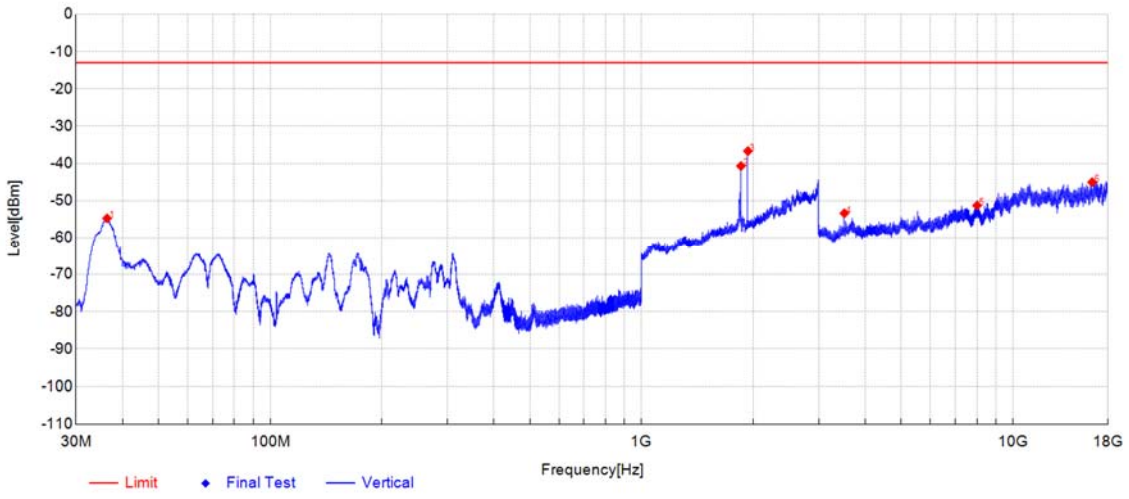
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-32.10	-55.21	-23.1	-13.0	42.2	Vertical	PK	PASS
1751.3503	-53.23	-49.76	3.5	-	-	Vertical	PK	NA
2152.6305	-42.72	-37.02	5.7	-	-	Vertical	PK	NA
3506.6438	-56.30	-54.98	1.3	-13.0	42.0	Vertical	PK	PASS
7971.9189	-63.60	-50.80	12.8	-13.0	37.8	Vertical	PK	PASS
15399.256	-70.56	-44.89	25.7	-13.0	31.9	Vertical	PK	PASS

WCDMA Band II(WCDMA)

Plot for Low Channel

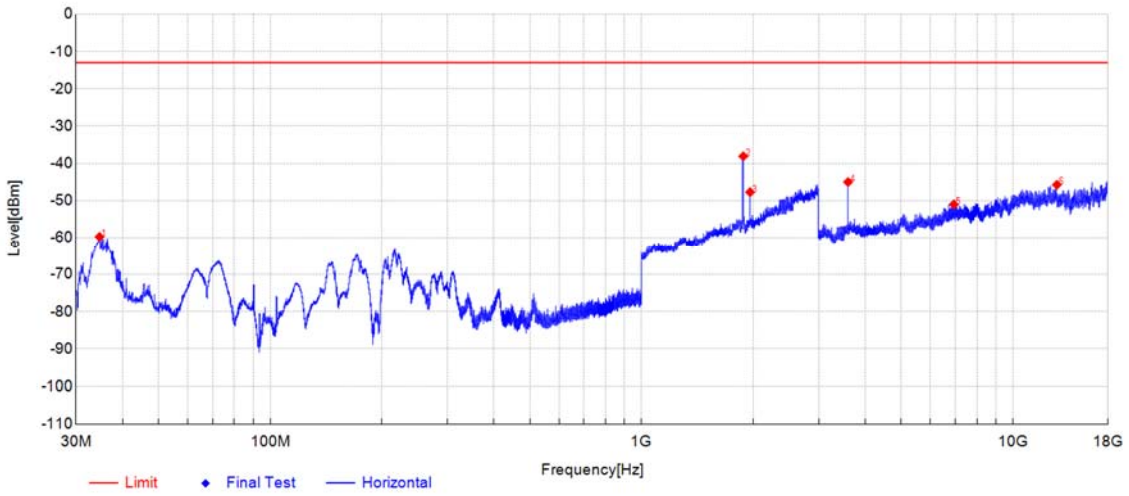


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.6748	-46.83	-62.07	-15.2	-13.0	49.1	Horizontal	PK	PASS
1851.7704	-36.30	-32.00	4.3	-	-	Horizontal	PK	NA
1933.7868	-52.80	-48.81	4.0	-	-	Horizontal	PK	NA
3514.3592	-51.41	-50.28	1.1	-13.0	37.3	Horizontal	PK	PASS
5554.222	-57.94	-51.27	6.7	-13.0	38.3	Horizontal	PK	PASS
16409.216	-69.33	-43.87	25.5	-13.0	30.9	Horizontal	PK	PASS

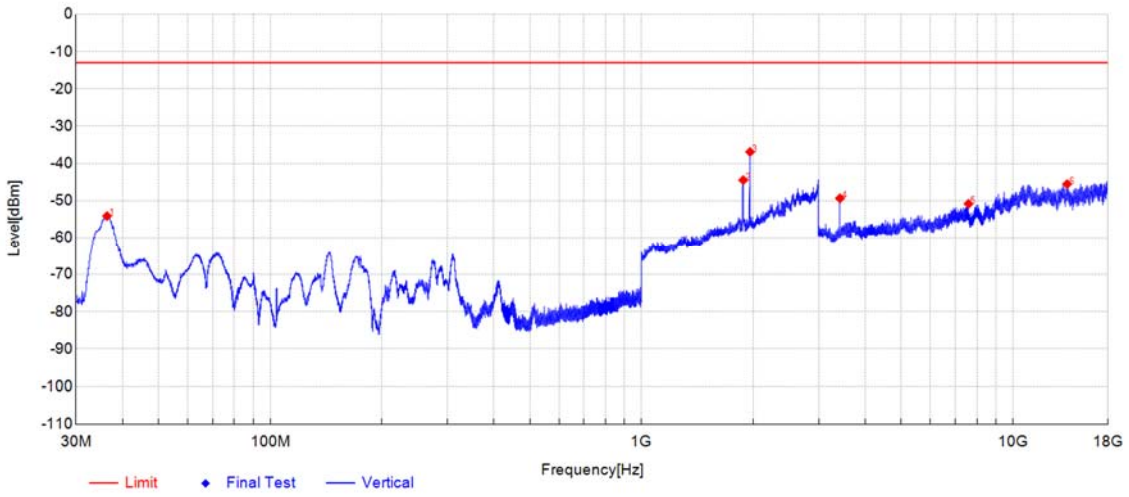


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-31.62	-54.73	-23.1	-13.0	41.7	Vertical	PK	PASS
1851.7704	-44.98	-40.69	4.3	-	-	Vertical	PK	NA
1933.7868	-40.57	-36.68	3.9	-	-	Vertical	PK	NA
3516.5024	-54.69	-53.36	1.3	-13.0	40.4	Vertical	PK	PASS
8010.3204	-64.25	-51.27	13.0	-13.0	38.3	Vertical	PK	PASS
16343.453	-70.27	-45.03	25.2	-13.0	32.0	Vertical	PK	PASS

Plot for Mid Channel

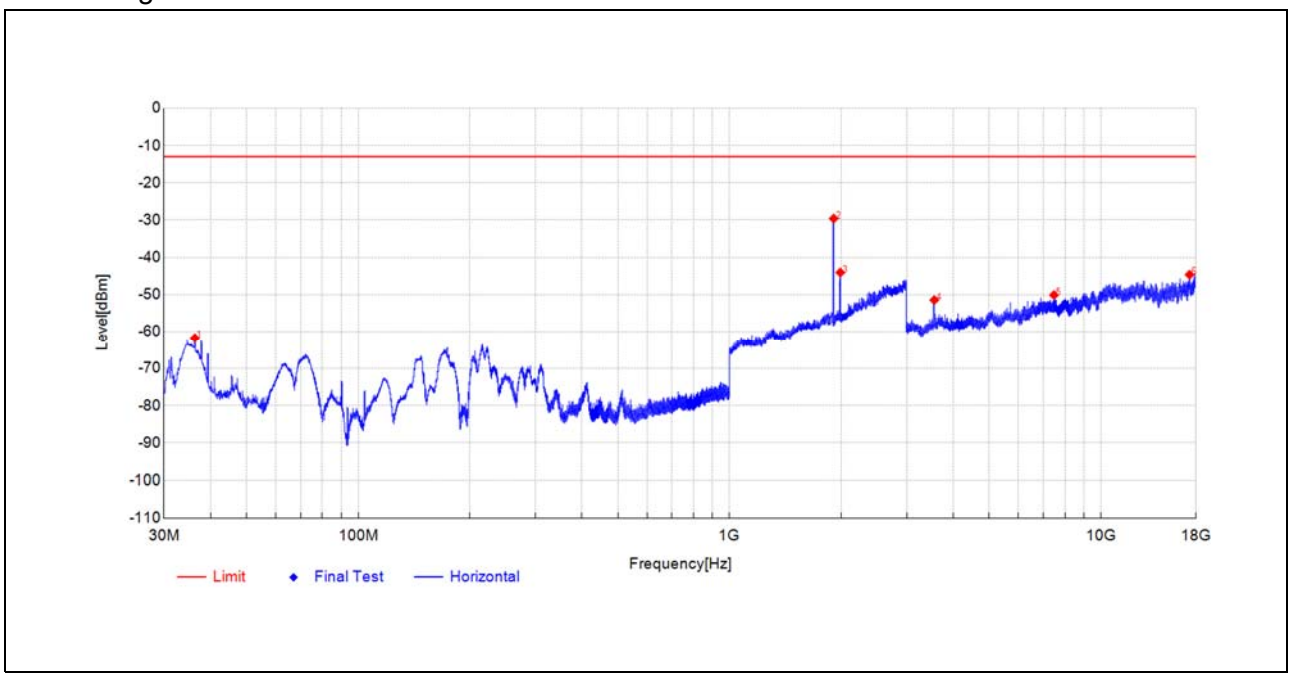


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.7047	-44.48	-59.71	-15.2	-13.0	46.7	Horizontal	PK	PASS
1878.9758	-43.34	-38.09	5.3	-	-	Horizontal	PK	NA
1959.792	-52.21	-47.71	4.5	-	-	Horizontal	PK	NA
3597.5139	-46.63	-45.00	1.6	-13.0	32.0	Horizontal	PK	PASS
6931.2372	-62.53	-50.99	11.5	-13.0	38.0	Horizontal	PK	PASS
13131.645	-69.20	-45.74	23.5	-13.0	32.7	Horizontal	PK	PASS

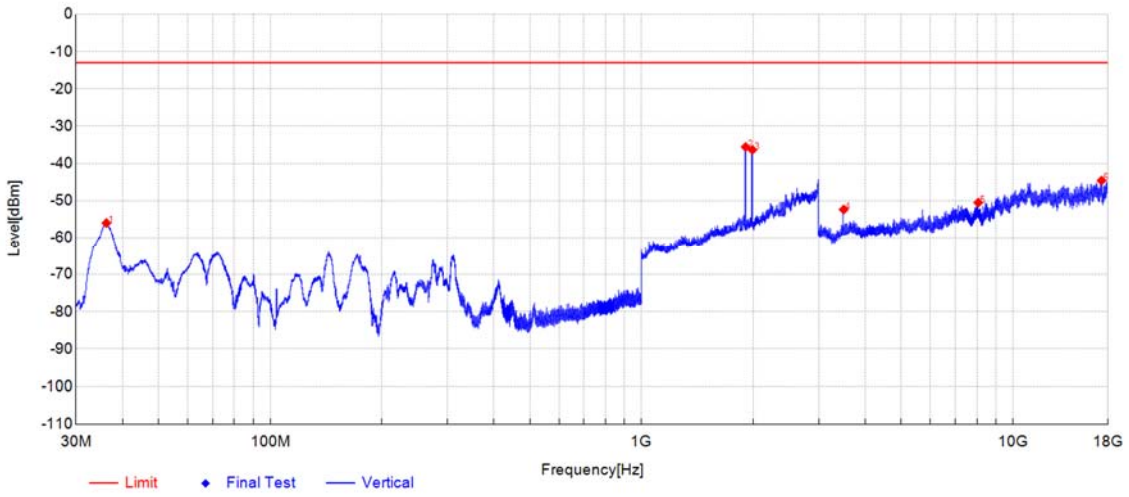


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-31.00	-54.11	-23.1	-13.0	41.1	Vertical	PK	PASS
1878.5757	-49.53	-44.47	5.1	-	-	Vertical	PK	NA
1959.792	-41.10	-36.91	4.2	-	-	Vertical	PK	NA
3421.7745	-49.89	-49.35	0.5	-13.0	36.4	Vertical	PK	PASS
7595.1038	-61.98	-50.83	11.2	-13.0	37.8	Vertical	PK	PASS
13991.359	-69.74	-45.54	24.2	-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
36.3053	-46.48	-61.73	-15.3	-13.0	48.7	Horizontal	PK	PASS
1906.9814	-33.87	-29.59	4.3	-	-	Horizontal	PK	NA
1987.3975	-48.45	-44.05	4.4	-	-	Horizontal	PK	NA
3558.937	-52.84	-51.44	1.4	-13.0	38.4	Horizontal	PK	PASS
7474.619	-62.42	-50.09	12.3	-13.0	37.1	Horizontal	PK	PASS
17326.533	-68.86	-44.64	24.2	-13.0	31.6	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.2083	-32.84	-55.99	-23.2	-13.0	43.0	Vertical	PK	PASS
1906.9814	-40.57	-35.58	5.0	-	-	Vertical	PK	NA
1987.7976	-40.84	-36.35	4.5	-	-	Vertical	PK	NA
3501.5002	-53.66	-52.36	1.3	-13.0	39.4	Vertical	PK	PASS
8066.4827	-63.51	-50.51	13.0	-13.0	37.5	Vertical	PK	PASS
17325.093	-69.25	-44.61	24.6	-13.0	31.6	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 – Loop	FMZB 1519	1519-022	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna - Bi-Log	9163-274	VULB 9163	Schwarzbeck	2025.06.28	2026.06.27
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna - Horn	BBHA9170	BBHA9170#773	Schwarzbeck	2025.06.20	2026.06.19
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
Preamplifier	46732	S10M100L38	LUCIX CORP.	2025.05.13	2026.05.12

(10MHz-6GHz)		02			
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2025.05.13	2026.05.12
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	2025.04.19	2028.04.18
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT