



REPORT No.: SZ25050150W08

TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX5313

BRAND NAME : realme

FCC ID : 2AUYFRMX5313

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22 Subpart H
47 CFR Part 24 Subpart E
47 CFR Part 27 Subpart L

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Change History		
Version	Date	Reason for change
1.0	2025-07-04	First edition





1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Sample No.:	4#, 11#	
Hardware Version:	11	
Software Version:	realme UI Android 15	
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 HSPA+ Mode with 16QAM 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:	Inverted F Antenna	
Antenna Gain:	GSM 850:	ANT0: -3.8dBi; ANT1: -3.6dBi





	GSM1900:	ANT0: -2.1dBi; ANT1: -2.1dBi
	WCDMA Band V:	ANT0: -3.8dBi; ANT1: -3.6dBi
	WCDMA Band IV:	ANT0: -2.2dBi; ANT1: -1.7dBi
	WCDMA Band II:	ANT0: -2.1dBi; ANT1: -2.1dBi
Accessory Information:	Battery	
	Brand Name:	SUPERVOOC
	Model No.:	BLPC71
	Serial No.:	N/A
	Capacity:	Typical: 6000mAh, Rated: 5830mAh
	Rated Voltage:	3.88V
	Charge Limit:	4.48V
	Manufacturer:	Sunwoda Electronic Co., Ltd.
	AC Adapter 1	
	Brand Name:	SUPERVOOC
	Model No.:	OP53JAUH
	Serial No.:	N/A
	Rated Output:	5V=3A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	Huizhou Golden Lake Industrial Co., Ltd.
	AC Adapter 2	
	Brand Name:	SUPERVOOC
	Model No.:	OP53JAUH
	Serial No.:	N/A
	Rated Output:	5V=3A
	Rated Input:	100-240V~50/60Hz, 0.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	AC Adapter 3	
	Brand Name:	realme
	Model No.:	OP53CBUH
	Serial No.:	N/A
	Rated Output:	5V=2A, 5V=3A
	Rated Input:	100-130V~50/60Hz, 0.35A 200-240V~50/60Hz, 0.5A
	Manufacturer:	Dongguan YOHOO Electronic Technology Co Ltd
	AC Adapter 4	



	Brand Name:	realme
	Model No.:	OP53CBUH
	Serial No.:	N/A
	Rated Output:	5V=2A, 5V=3A
	Rated Input:	100-130V~50/60Hz, 0.35A 200-240V~50/60Hz, 0.5A
	Manufacturer:	Jiangsu Chenyang Electron Co.,Ltd.
	USB Cable 1	
	Model No.:	DL129
	USB Cable 2	
	Model No.:	DL154

Note 1: The transmitter (Tx) frequency arrangement of the Cellular 850MHz band used by the EUT can be represented with the formula $F(n)=824.2+0.2*(n-128)$, $128 \leq n \leq 251$; 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 $F(n)=1850.2+0.2*(n-512)$, $512 \leq n \leq 810$; 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 $F(n)=826.4+0.2*(n-4132)$, $4132 \leq n \leq 4233$; 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 $F(n)=1712.4+0.2*(n-1312)$, $1312 \leq n \leq 1513$; 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 $F(n)=1852.4+0.2*(n-9262)$, $9262 \leq n \leq 9538$; 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: SIM 1 and SIM 2 is a chipset unit and tested as a single chipset. The SIM 1 is chosen for test.

Note 7: 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 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)	0.454	259KGXW
GSM850(EDGE)	0.106	244KG7W
GSM1900(GSM)	0.537	243KGXW
GSM1900(EDGE)	0.225	248KG7W
WCDMA Band V	0.063	4M17F9W
WCDMA Band IV	0.118	4M17F9W
WCDMA Band II	0.129	4M15F9W





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	Jun. 26, 2025	Shen Biaohong	PASS	/
2	24.232(d)	Peak -Average Ratio	Jun. 10&24, 2025	Liu Huiyan	PASS	/
3	2.1049	Occupied Bandwidth	Jun. 10&24, 2025	Liu Huiyan	PASS	/
4	2.1055, 22.355, 24.235, 27.54	Frequency Stability	Jun. 24, 2025	Liu Huiyan	PASS	/
5	2.1051, 22.917(a), 24.238(a), 27.53(h)	Conducted Out of Band Emissions	Jun. 10&24, 2025	Liu Huiyan	PASS	/
6	2.1051, 22.917(a), 24.238(a), 27.53(h)	Band Edge	Jun. 10&24, 2025	Liu Huiyan	PASS	/
7	22.913(a), 24.232(c), 27.50(d)	Transmitter Radiated Power (E.I.P.R./E.R.P.)	Jun. 30, 2025	Liu Huiyan	PASS	/
8	2.1051, 22.917(a), 24.238(a), 27.53(h)	Radiated Out of Band Emissions	Jun. 09&14, 2025	Gao Jianrou	PASS	/





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

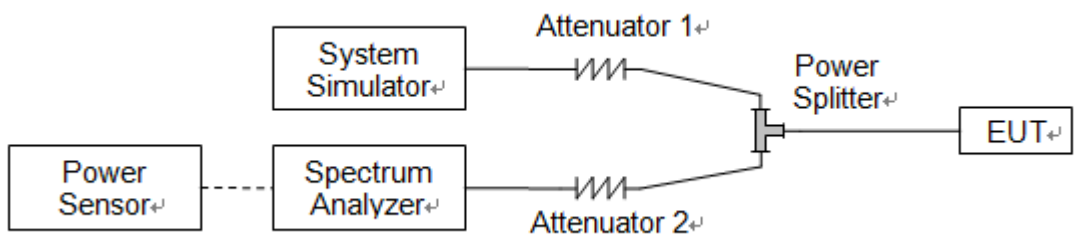
2.1. Conducted RF Output Power

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 50 Ohm; 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	32.48	32.52	32.46
GPRS 1 Tx slot	32.44	32.48	32.45
GPRS 2 Tx slots	30.84	30.90	30.84
GPRS 3 Tx slots	28.82	28.90	28.85
GPRS 4 Tx slots	27.08	27.12	27.08
EDGE 1 Tx slot	26.12	26.21	26.16
EDGE 2 Tx slots	24.53	24.57	24.48
EDGE 3 Tx slots	22.83	22.91	22.87
EDGE 4 Tx slots	21.04	21.07	21.04

GSM1900	Average Power (dBm)		
TX Channel	512	661	810
Frequency (MHz)	1850.2	1880	1909.8
GSM 1 Tx slot	29.32	29.40	29.33
GPRS 1 Tx slot	29.29	29.36	29.29
GPRS 2 Tx slots	28.00	28.07	28.04
GPRS 3 Tx slots	26.24	26.31	26.20
GPRS 4 Tx slots	24.63	24.70	24.66
EDGE 1 Tx slot	25.54	25.62	25.56
EDGE 2 Tx slots	23.88	23.97	23.89
EDGE 3 Tx slots	21.57	21.62	21.57
EDGE 4 Tx slots	20.28	20.33	20.28





WCDMA Band V	Average Power (dBm)		
TX Channel	4132	4182	4233
Frequency (MHz)	826.4	836.4	846.6
RMC 12.2Kbps	23.88	23.91	23.90
HSDPA Subtest-1	22.68	22.69	22.53
HSDPA Subtest-2	22.58	22.55	22.61
HSDPA Subtest-3	22.65	22.61	22.71
HSDPA Subtest-4	22.72	22.66	22.75
DC-HSDPA Subtest-1	23.55	23.51	23.41
DC-HSDPA Subtest-2	23.58	23.56	23.49
DC-HSDPA Subtest-3	23.63	23.59	23.47
DC-HSDPA Subtest-4	23.63	23.59	23.50
HSUPA Subtest-1	23.71	23.70	23.70
HSUPA Subtest-2	23.66	23.66	23.56
HSUPA Subtest-3	23.71	23.70	23.49
HSUPA Subtest-4	23.64	23.64	23.54
HSUPA Subtest-5	23.71	23.69	23.52
HSPA+ (16QAM) Subtest-1	23.72	23.67	23.53

WCDMA Band IV	Average Power (dBm)		
TX Channel	1312	1413	1513
Frequency (MHz)	1712.4	1732.6	1752.6
RMC 12.2Kbps	22.81	22.92	22.87
HSDPA Subtest-1	21.97	21.71	22.13
HSDPA Subtest-2	22.01	21.78	22.12
HSDPA Subtest-3	21.98	21.79	22.10
HSDPA Subtest-4	22.03	21.84	22.15
DC-HSDPA Subtest-1	22.79	22.71	22.85
DC-HSDPA Subtest-2	22.82	22.78	22.85
DC-HSDPA Subtest-3	22.83	22.79	22.84
DC-HSDPA Subtest-4	22.82	22.79	22.90
HSUPA Subtest-1	22.88	22.82	22.90
HSUPA Subtest-2	22.85	22.79	22.88
HSUPA Subtest-3	22.85	22.82	22.85
HSUPA Subtest-4	22.83	22.79	22.84
HSUPA Subtest-5	22.84	22.84	22.90
HSPA+ (16QAM) Subtest-1	22.79	22.75	22.83





WCDMA Band II	Average Power (dBm)		
TX Channel	9262	9400	9538
Frequency (MHz)	1852.4	1880.0	1907.6
RMC 12.2Kbps	23.20	23.22	23.17
HSDPA Subtest-1	22.23	22.21	22.22
HSDPA Subtest-2	22.24	22.22	22.18
HSDPA Subtest-3	21.74	21.74	21.75
HSDPA Subtest-4	21.76	21.76	21.78
DC-HSDPA Subtest-1	22.90	22.73	22.70
DC-HSDPA Subtest-2	23.05	22.79	22.73
DC-HSDPA Subtest-3	23.06	22.80	22.74
DC-HSDPA Subtest-4	23.07	22.79	22.76
HSUPA Subtest-1	23.05	22.77	22.84
HSUPA Subtest-2	23.00	22.78	22.79
HSUPA Subtest-3	23.04	22.77	22.85
HSUPA Subtest-4	22.92	22.76	22.75
HSUPA Subtest-5	23.01	22.77	22.79
HSPA+ (16QAM) Subtest-1	23.02	22.73	22.81



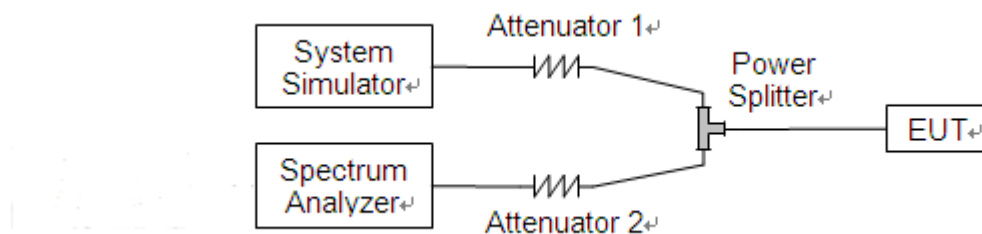
2.2. Peak to Average Ratio

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:**

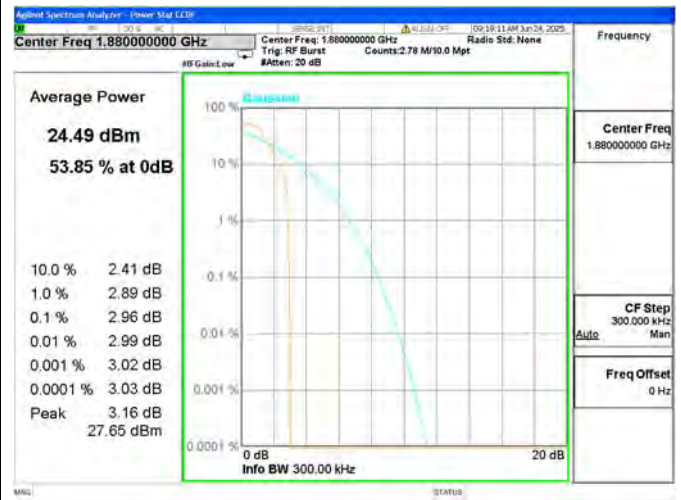
GSM1900					
Mode	Channel	Frequency (MHz)	Peak to Average ratio (dB)	Limit (dB)	Verdict
GSM	512	1850.2	0.82	13	PASS
	661	1880.0	0.83		PASS
	810	1909.8	0.83		PASS
EDGE	512	1850.2	2.87		PASS
	661	1880.0	2.96		PASS
	810	1909.8	3.00		PASS

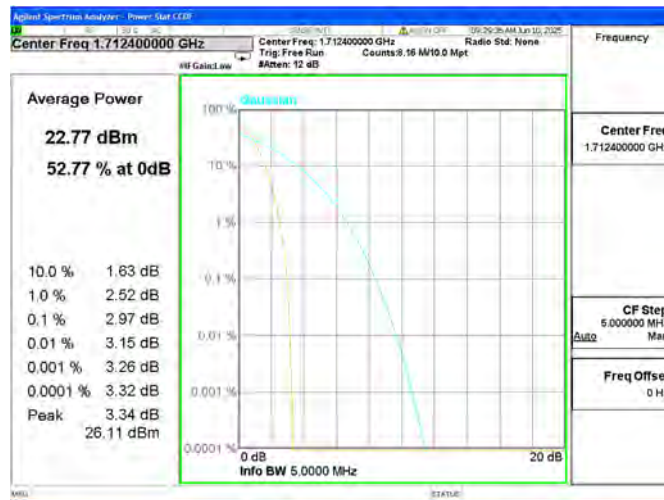
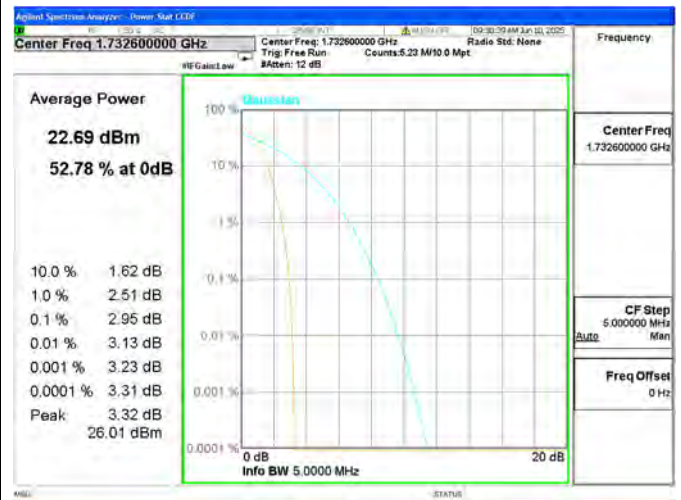
WCDMA Band IV					
Mode	Channel	Frequency (MHz)	Peak to Average ratio (dB)	Limit (dB)	Verdict
WCDMA	1312	1712.4	2.97	13	PASS
	1413	1732.6	2.95		PASS
	1513	1752.6	2.96		PASS

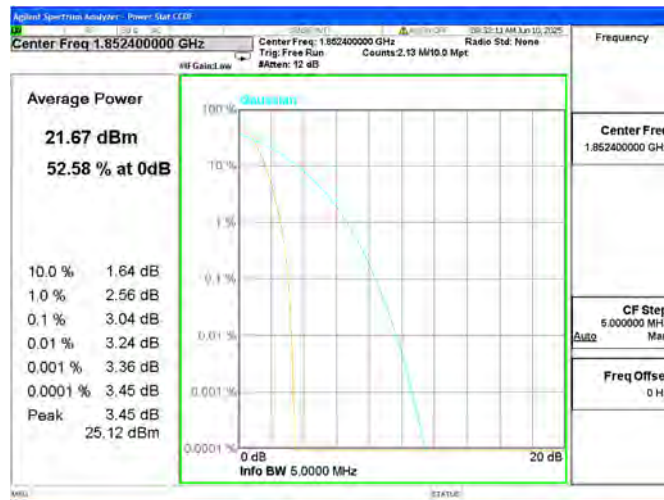
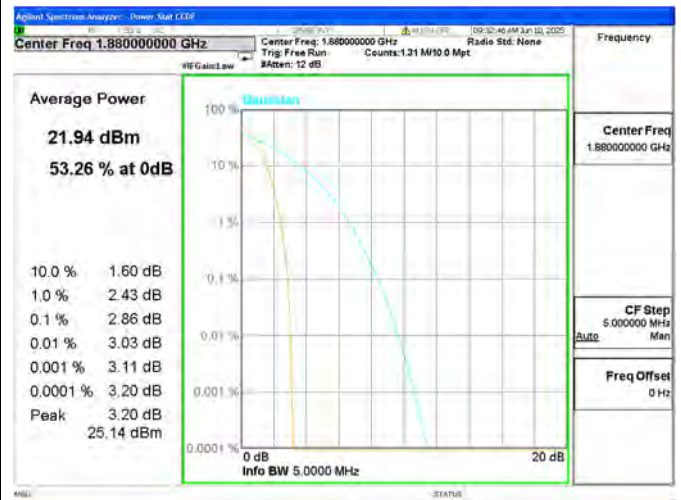
WCDMA Band II					
Mode	Channel	Frequency (MHz)	Peak to Average ratio (dB)	Limit (dB)	Verdict
WCDMA	9262	1852.4	3.04	13	PASS
	9400	1880.0	2.86		PASS
	9538	1907.6	3.00		PASS



**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**

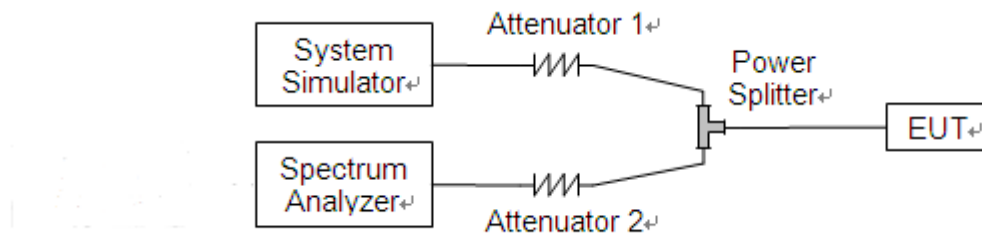
2.3. Occupied Bandwidth

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	258.68	322.10
	189	836.4	248.26	315.80
	251	848.8	242.81	317.40
EDGE	128	824.2	244.19	303.80
	189	836.4	243.77	311.80
	251	848.8	243.23	309.10

GSM1900				
Mode	Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)
GSM	512	1850.2	243.29	317.30
	661	1880.0	239.54	312.30
	810	1909.8	241.92	314.90
EDGE	512	1850.2	247.63	314.40
	661	1880.0	246.70	307.10
	810	1909.8	247.25	312.80

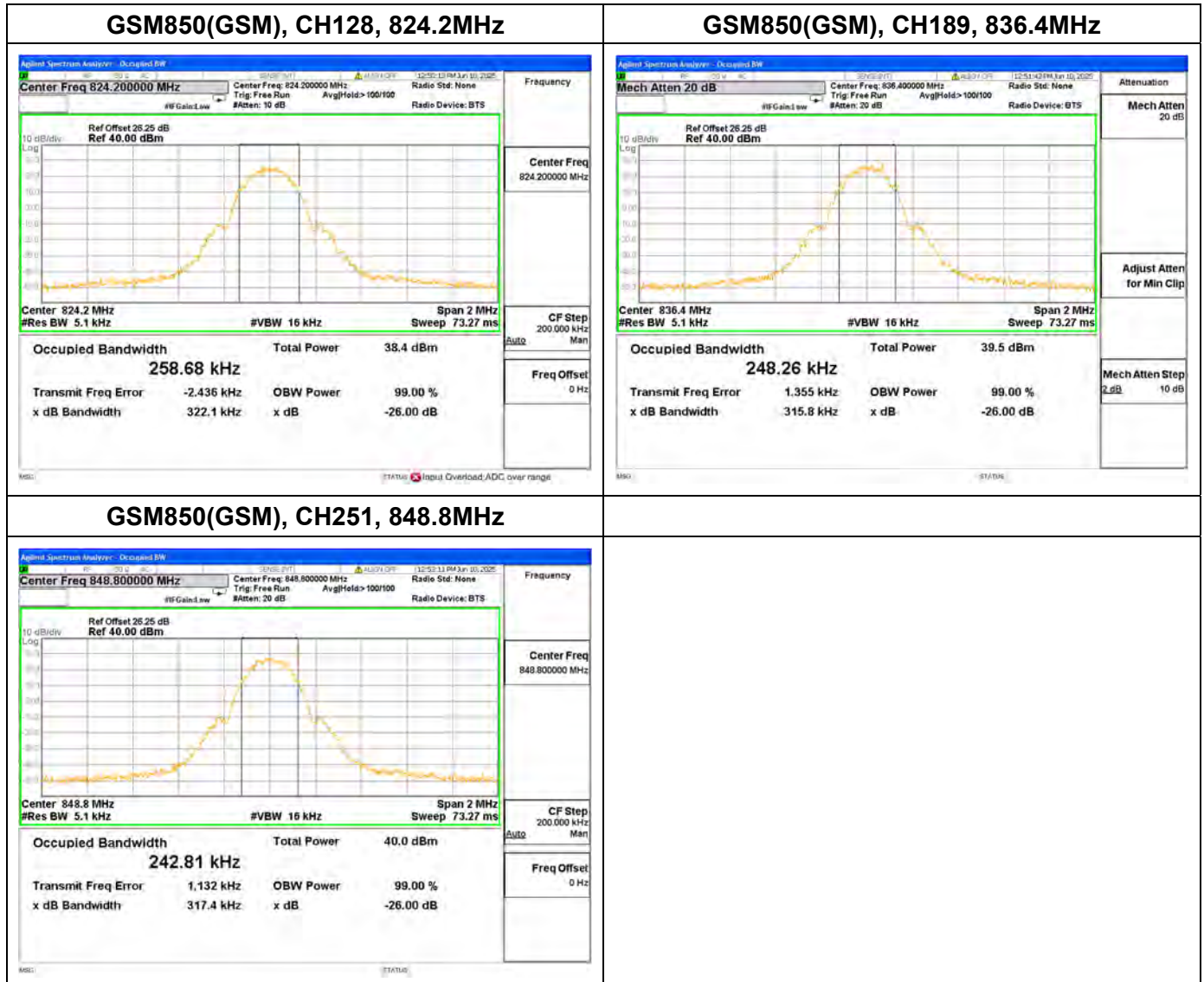
WCDMA Band V				
Mode	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
WCDMA	4132	826.4	4.17	4.68
	4182	836.4	4.17	4.69
	4233	846.6	4.16	4.69

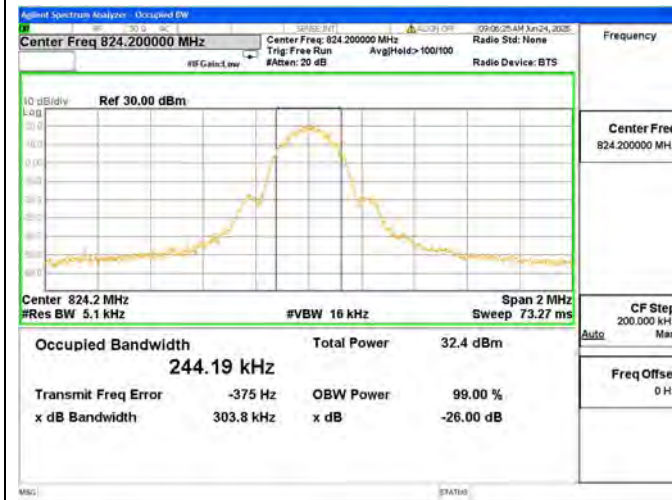
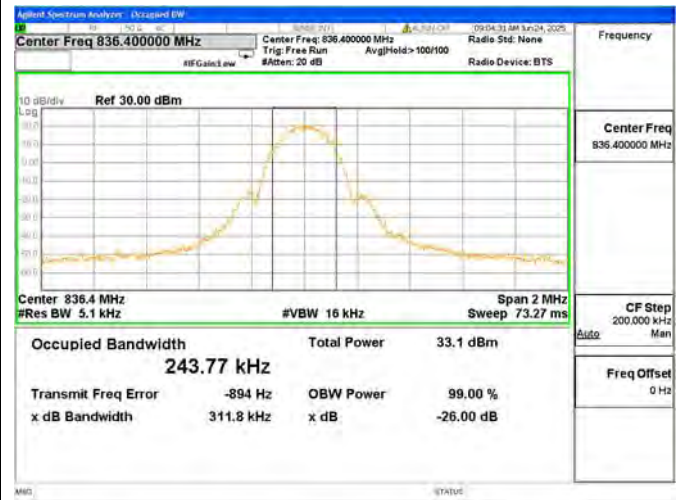
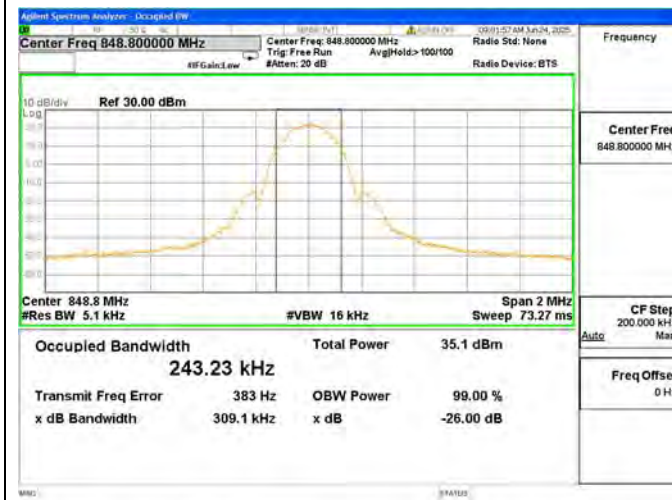
WCDMA Band IV				
Mode	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)
WCDMA	1312	1712.4	4.17	4.69
	1413	1732.6	4.15	4.70
	1513	1752.6	4.15	4.70





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	4.14	4.70
	9538	1907.6	4.15	4.70



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

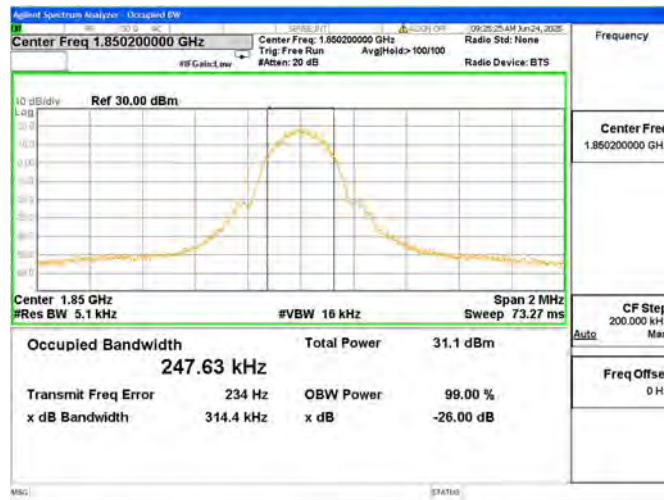
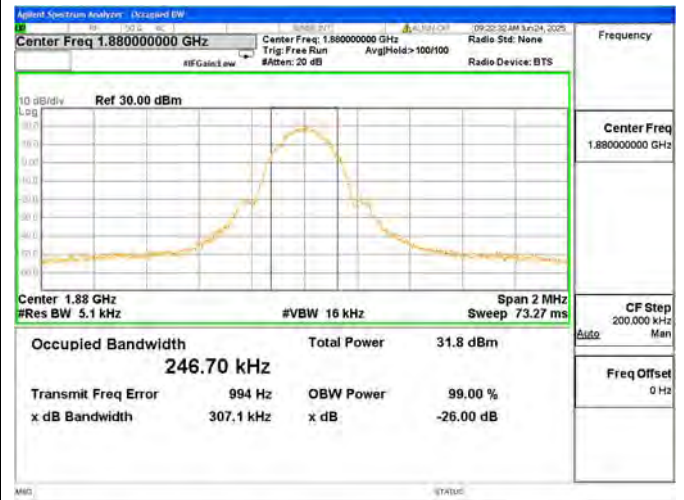
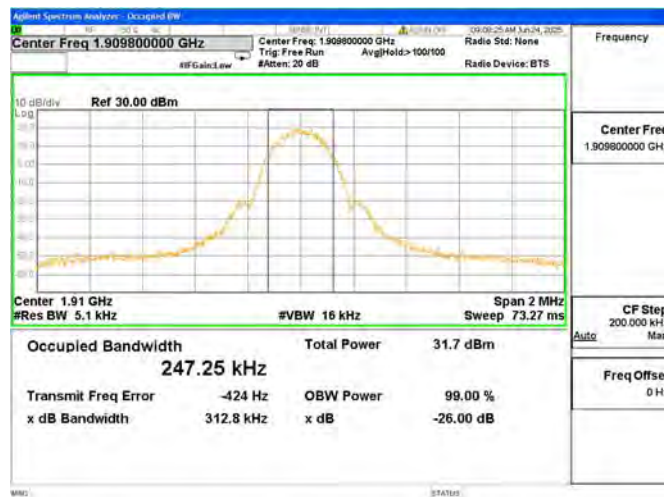


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**GSM1900(EDGE), CH512, 1850.2MHz****GSM1900(EDGE), CH661, 1880.0MHz****GSM1900(EDGE), CH810, 1909.8MHz**

**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

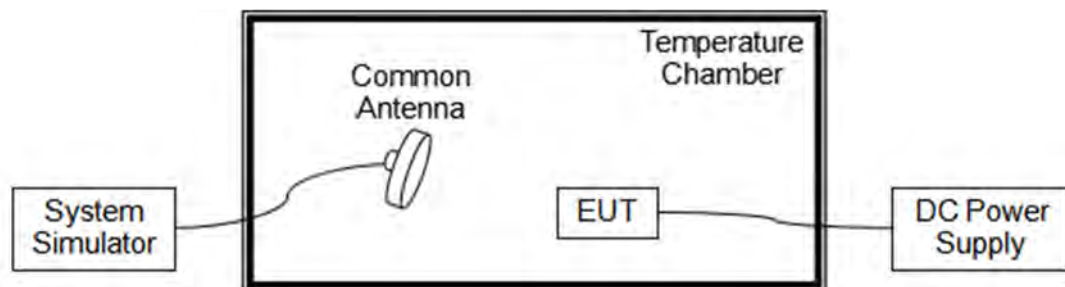
According to FCC section 22.355, 24.235 and 27.54 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

- (a) The temperature is varied from -30°C to $+50^{\circ}\text{C}$ 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 35°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 3.88V, 4.48V 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	3.88	+20(Ref)	30	0.036	PASS
Normal		0	-46	-0.055	
Normal		+10	43	0.051	
Normal		+20	-40	-0.048	
Normal		+30	51	0.061	
Normal		+35	-49	-0.059	
High	4.48	+20	48	0.057	
BATT.ENDPOINT	3.60	+20	16	0.019	

GSM850(EDGE), CH189, 836.4MHz					
Limit =±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	52	0.062	PASS
Normal		0	-34	-0.041	
Normal		+10	-57	-0.068	
Normal		+20	-56	-0.067	
Normal		+30	47	0.056	
Normal		+35	17	0.020	
High	4.48	+20	52	0.062	
BATT.ENDPOINT	3.60	+20	-52	-0.062	





GSM1900(GSM), CH661, 1880.0MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	15	0.008	PASS
Normal		0	33	0.018	
Normal		+10	14	0.007	
Normal		+20	-15	-0.008	
Normal		+30	-20	-0.011	
Normal		+35	18	0.010	
High	4.48	+20	37	0.020	
BATT.ENDPOINT	3.60	+20	-18	-0.010	

GSM1900(EDGE), CH661, 1880.0MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	40	0.021	PASS
Normal		0	34	0.018	
Normal		+10	-55	-0.029	
Normal		+20	38	0.020	
Normal		+30	41	0.022	
Normal		+35	-17	-0.009	
High	4.48	+20	-19	-0.010	
BATT.ENDPOINT	3.60	+20	57	0.030	





WCDMA Band V, CH4182, 836.4MHz Limit =±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	-13	-0.016	PASS
Normal		0	42	0.050	
Normal		+10	47	0.056	
Normal		+20	30	0.036	
Normal		+30	27	0.032	
Normal		+35	-30	-0.036	
High	4.48	+20	28	0.033	
BATT.ENDPOINT	3.60	+20	43	0.051	

WCDMA Band IV, CH1413, 1732.6MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	-37	-0.021	PASS
Normal		0	-16	-0.009	
Normal		+10	27	0.016	
Normal		+20	-27	-0.016	
Normal		+30	-43	-0.025	
Normal		+35	-13	-0.008	
High	4.48	+20	40	0.023	
BATT.ENDPOINT	3.60	+20	-45	-0.026	





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WCDMA Band II, CH9400, 1880.0MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
Normal	3.88	+20(Ref)	38	0.020	PASS
Normal		0	-38	-0.020	
Normal		+10	-32	-0.017	
Normal		+20	44	0.023	
Normal		+30	46	0.024	
Normal		+35	-20	-0.011	
High	4.48	+20	-15	-0.008	
BATT.ENDPOINT	3.60	+20	36	0.019	



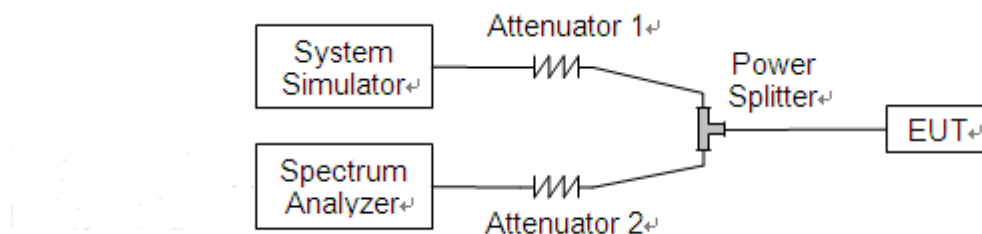
2.5. Conducted Out of Band Emissions

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 $43 + 10 \cdot \log(P)$ 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

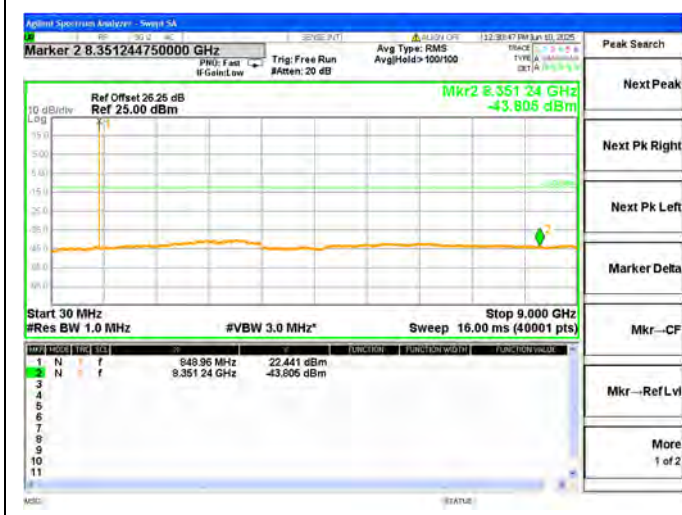
GSM850(GSM), CH128, 824.2MHz



GSM850(GSM), CH189, 836.4MHz

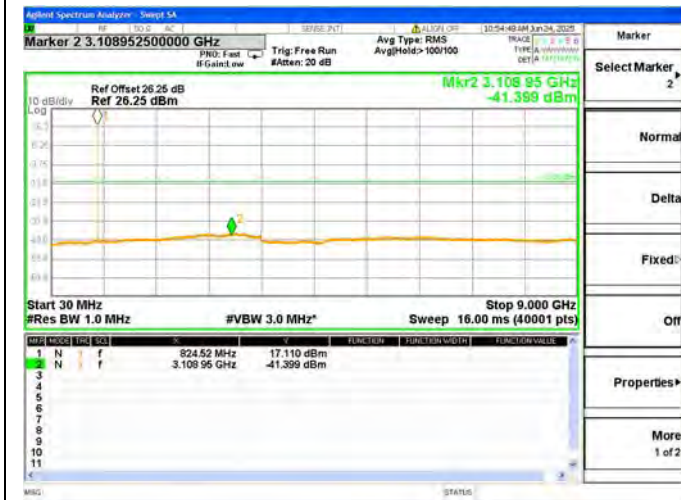


GSM850(GSM), CH251, 848.8MHz

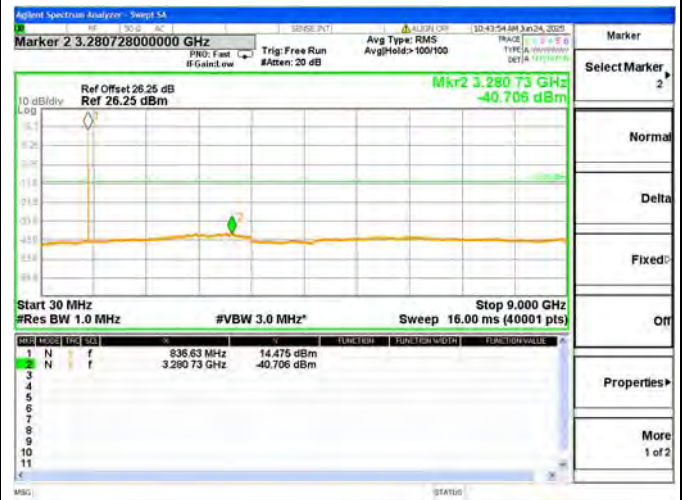




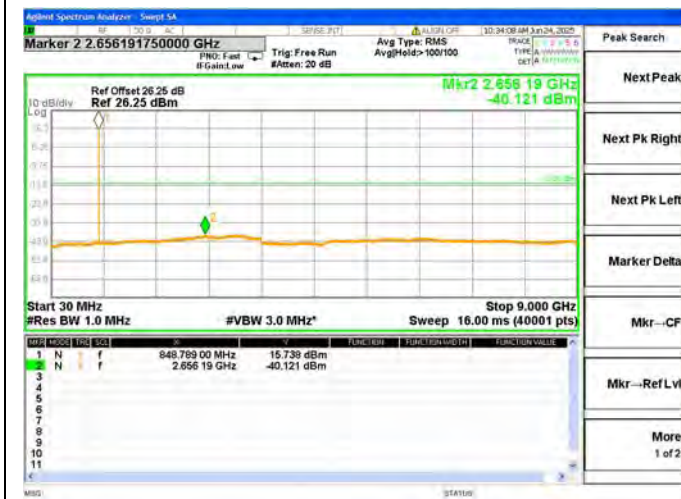
GSM850(EDGE), CH128, 824.2MHz



GSM850(EDGE), CH189, 836.4MHz

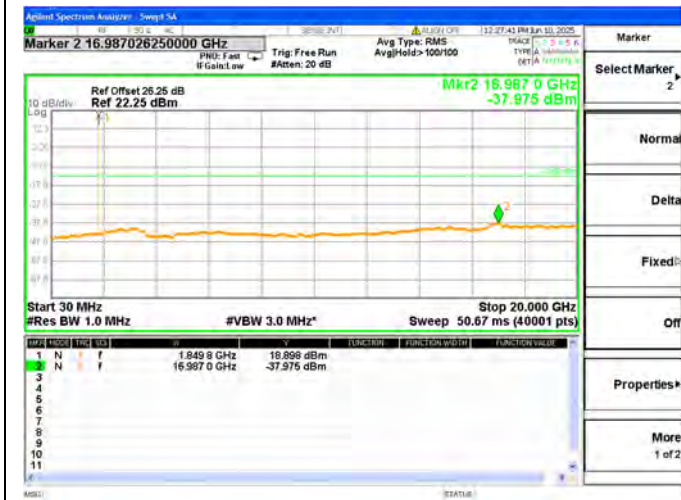


GSM850(EDGE), CH251, 848.8MHz

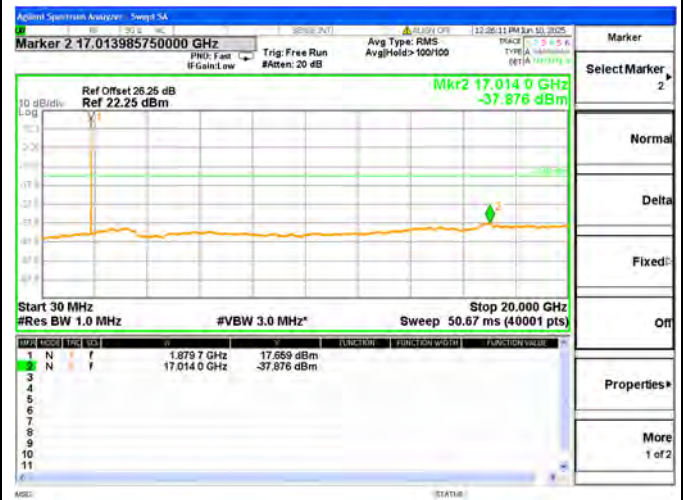




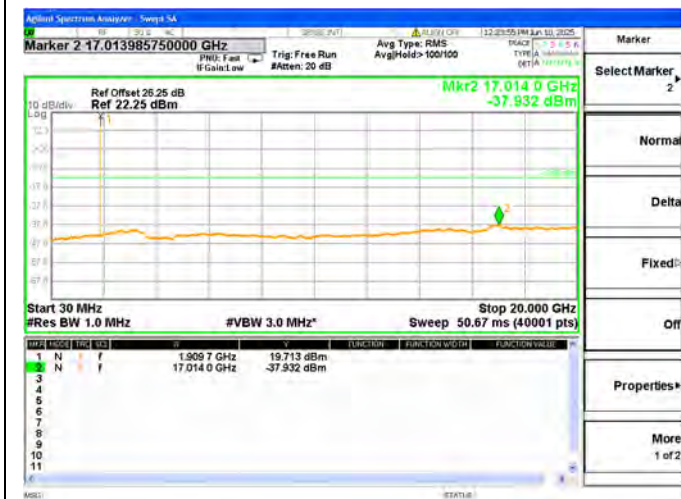
GSM1900(GSM), CH512, 1850.2MHz



GSM1900(GSM), CH661, 1880.0MHz

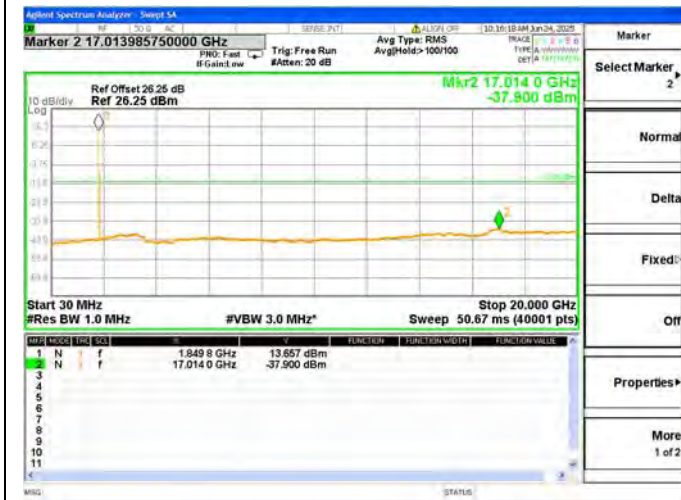


GSM1900(GSM), CH810, 1909.8MHz





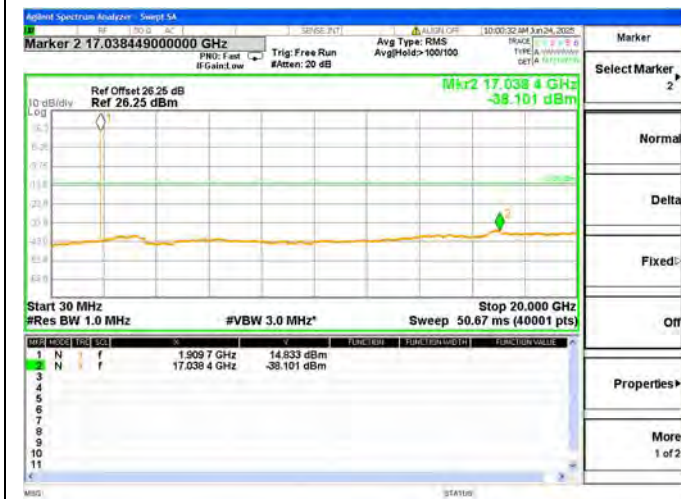
GSM1900(EDGE), CH512, 1850.2MHz



GSM1900(EDGE), CH661, 1880.0MHz

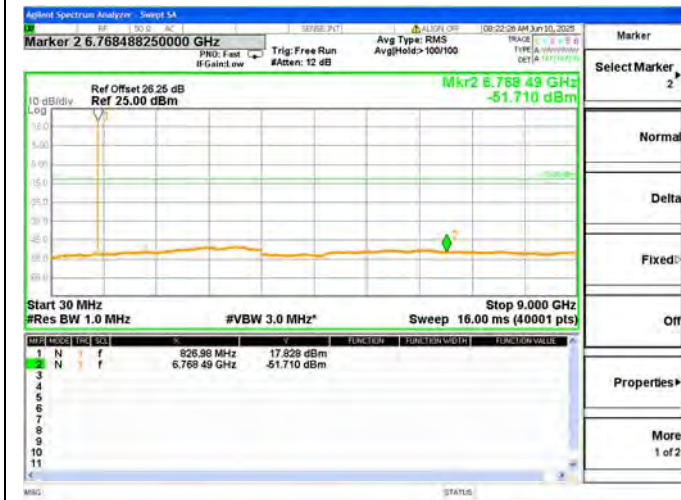


GSM1900(EDGE), CH810, 1909.8MHz





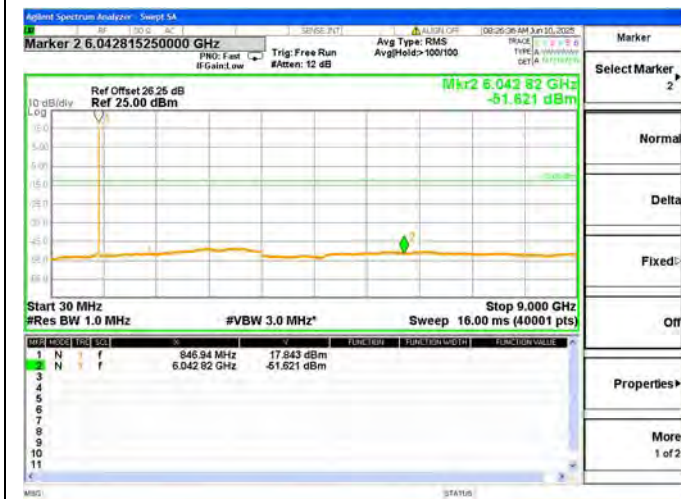
WCDMA Band V, CH4132, 826.4MHz



WCDMA Band V, CH4182, 836.4MHz



WCDMA Band V, CH4233, 846.6MHz





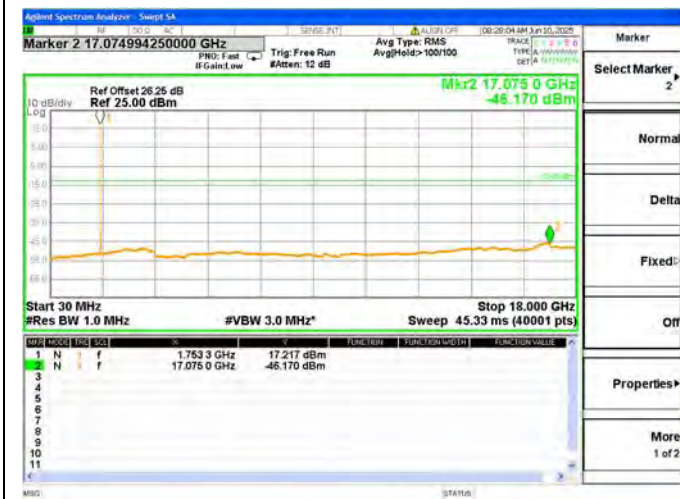
WCDMA Band IV, CH1312, 1712.4MHz



WCDMA Band IV, CH1413, 1732.6MHz

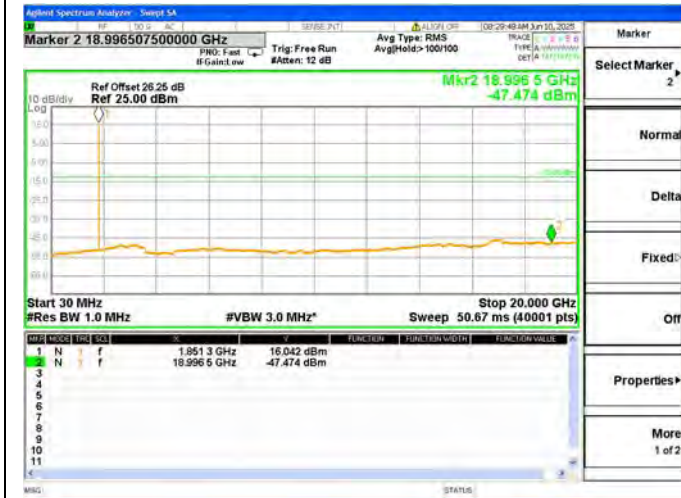


WCDMA Band IV, CH1513, 1752.6MHz

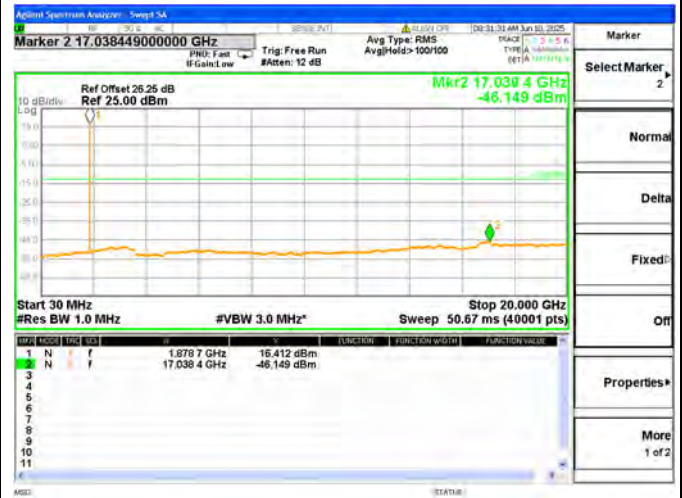




WCDMA Band II, CH9262, 1852.4MHz



WCDMA Band II, CH9400, 1880.0MHz



WCDMA Band II, CH9538, 1907.6MHz



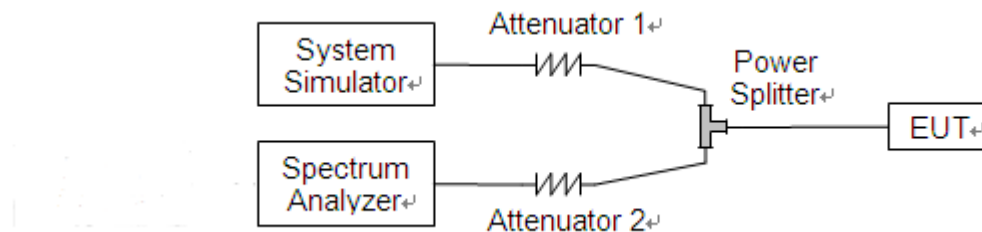
2.6. Band Edge

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 $43 + 10 \cdot \log(P)$ dB.

2.6.2. Test Description

Test Setup:



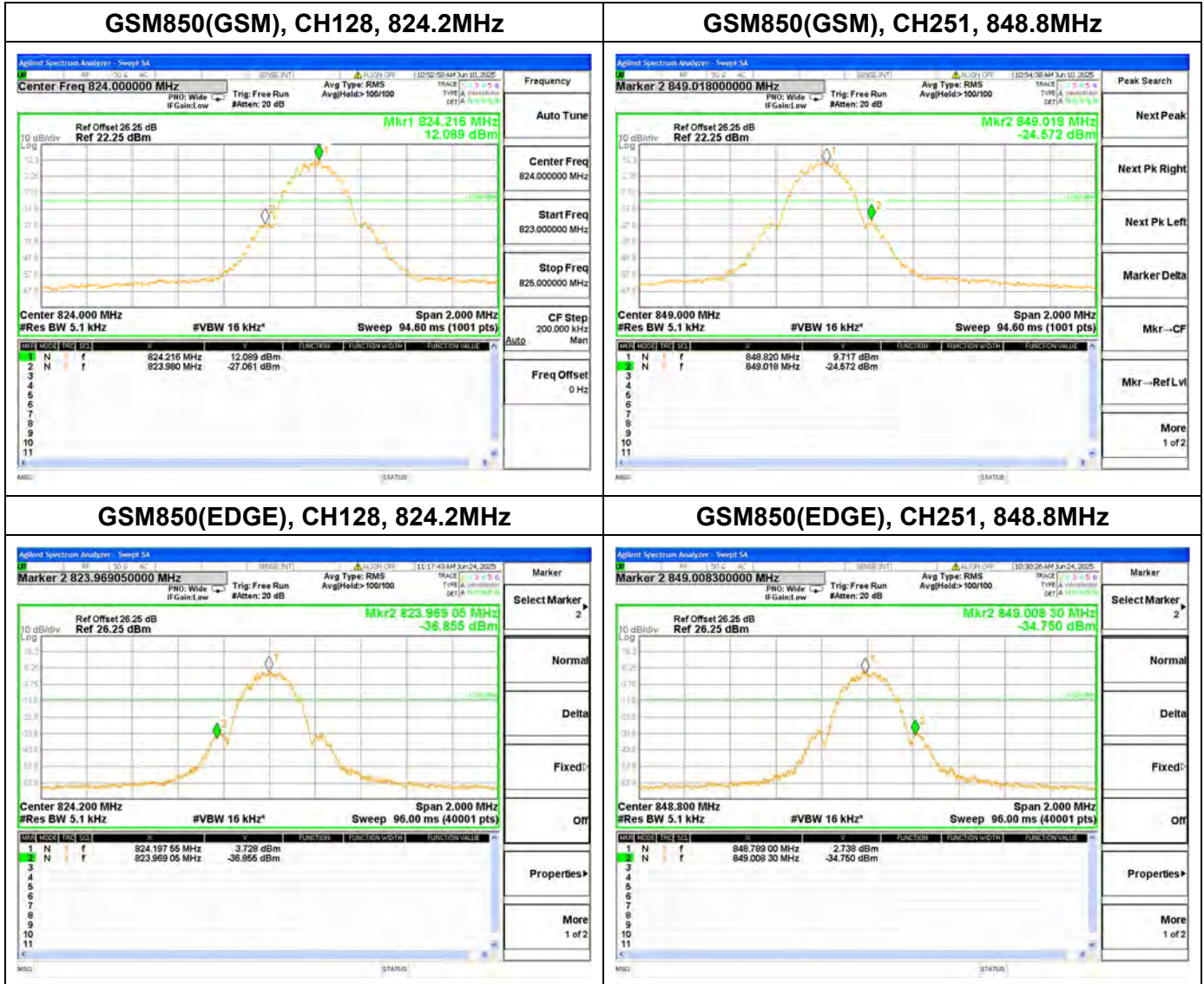
The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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





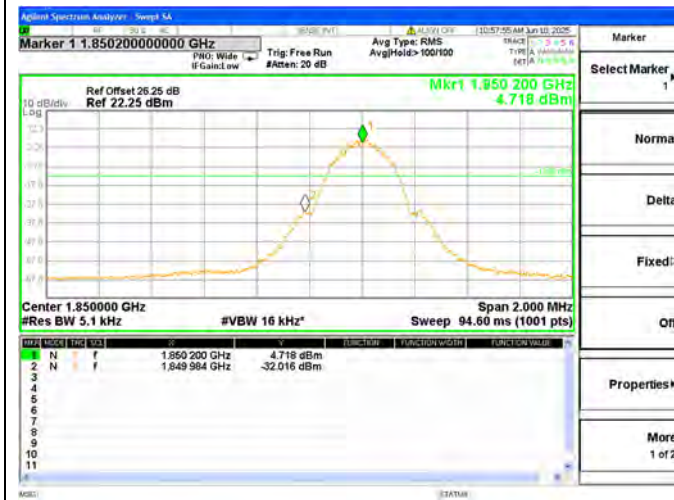
2.6.3. Test Result

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

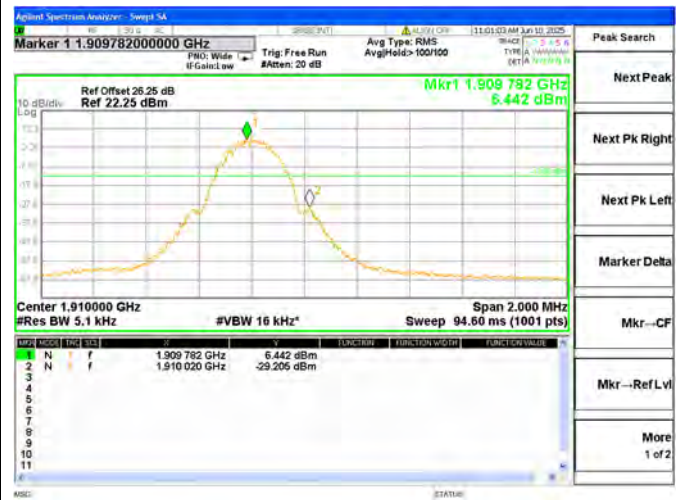




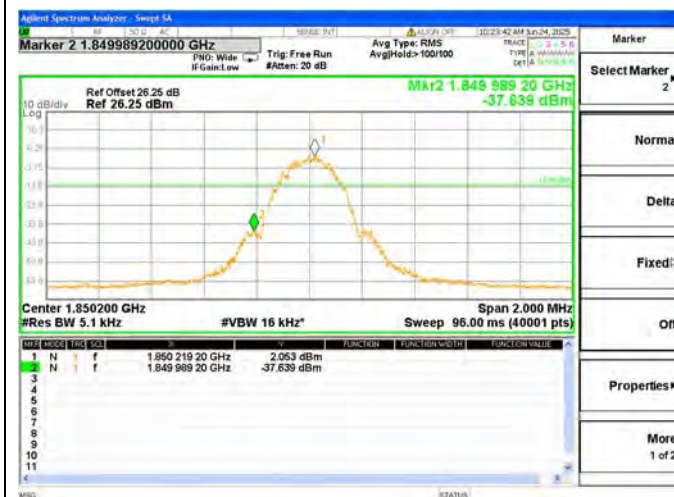
GSM1900(GSM), CH512, 1850.2MHz



GSM1900(GSM), CH810, 1909.8MHz



GSM1900(EDGE), CH512, 1850.2MHz

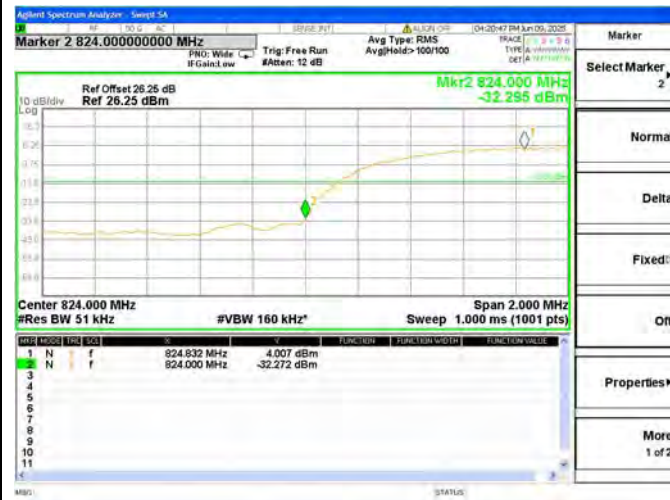


GSM1900(EDGE), CH810, 1909.8MHz





WCDMA Band V, CH4132, 826.4MHz



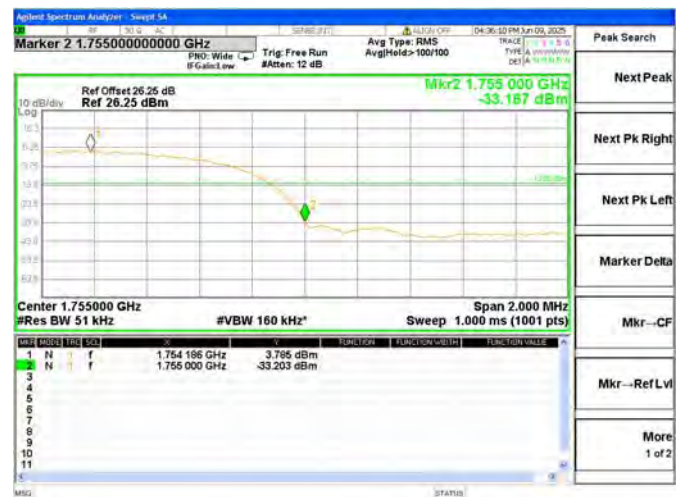
WCDMA Band V, CH4233, 846.6MHz



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:

$$\text{E.R.P. or E.I.R.P.} = P_{\text{Meas}} + G_{\text{T}}$$

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	26.53	0.450	38.5	7	PASS
	189	836.40	5	26.57	0.454			PASS
	251	848.80	5	26.51	0.448			PASS
GPRS	128	824.20	5	26.49	0.446	38.5	7	PASS
	189	836.40	5	26.53	0.450			PASS
	251	848.80	5	26.50	0.447			PASS
EDGE	128	824.20	5	20.17	0.104	38.5	7	PASS
	189	836.40	5	20.26	0.106			PASS
	251	848.80	5	20.21	0.105			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	27.22	0.527	33	2	PASS
	661	1880.0	0	27.30	0.537			PASS
	810	1909.8	0	27.23	0.528			PASS
GPRS	512	1850.2	0	27.19	0.524	33	2	PASS
	661	1880.0	0	27.26	0.532			PASS
	810	1909.8	0	27.19	0.524			PASS
EDGE	512	1850.2	0	23.44	0.221	33	2	PASS
	661	1880.0	0	23.52	0.225			PASS
	810	1909.8	0	23.46	0.222			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	17.93	0.062	38.5	7	PASS
	4182	836.4	17.96	0.063			PASS
	4233	846.6	17.95	0.062			PASS
HSDPA	4132	826.4	16.77	0.048	38.5	7	PASS
	4182	836.4	16.74	0.047			PASS
	4233	846.6	16.80	0.048			PASS
DC- HSDPA	4132	826.4	17.68	0.059	38.5	7	PASS
	4182	836.4	17.64	0.058			PASS
	4233	846.6	17.55	0.057			PASS
HSUPA	4132	826.4	17.76	0.060	38.5	7	PASS
	4182	836.4	17.75	0.060			PASS
	4233	846.6	17.75	0.060			PASS
HSPA+	4132	826.4	17.77	0.060	38.5	7	PASS
	4182	836.4	17.72	0.059			PASS
	4233	846.6	17.58	0.057			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	20.61	0.115	30	1	PASS
	1413	1732.6	20.72	0.118			PASS
	1513	1752.6	20.67	0.117			PASS
HSDPA	1312	1712.4	19.83	0.096	30	1	PASS
	1413	1732.6	19.64	0.092			PASS
	1513	1752.6	19.95	0.099			PASS
DC- HSDPA	1312	1712.4	20.63	0.116	30	1	PASS
	1413	1732.6	20.59	0.115			PASS
	1513	1752.6	20.70	0.117			PASS
HSUPA	1312	1712.4	20.68	0.117	30	1	PASS
	1413	1732.6	20.64	0.116			PASS
	1513	1752.6	20.70	0.117			PASS
HSPA+	1312	1712.4	20.59	0.115	30	1	PASS
	1413	1732.6	20.55	0.114			PASS
	1513	1752.6	20.63	0.116			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	21.10	0.129	33	2	PASS
	9400	1880.0	21.12	0.129			PASS
	9538	1907.6	21.07	0.128			PASS
HSDPA	9262	1852.4	20.14	0.103	33	2	PASS
	9400	1880.0	20.12	0.103			PASS
	9538	1907.6	20.12	0.103			PASS
DC-HSDPA	9262	1852.4	20.97	0.125	33	2	PASS
	9400	1880.0	20.70	0.117			PASS
	9538	1907.6	20.66	0.116			PASS
HSUPA	9262	1852.4	20.95	0.124	33	2	PASS
	9400	1880.0	20.68	0.117			PASS
	9538	1907.6	20.75	0.119			PASS
HSPA+	9262	1852.4	20.92	0.124	33	2	PASS
	9400	1880.0	20.63	0.116			PASS
	9538	1907.6	20.71	0.118			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

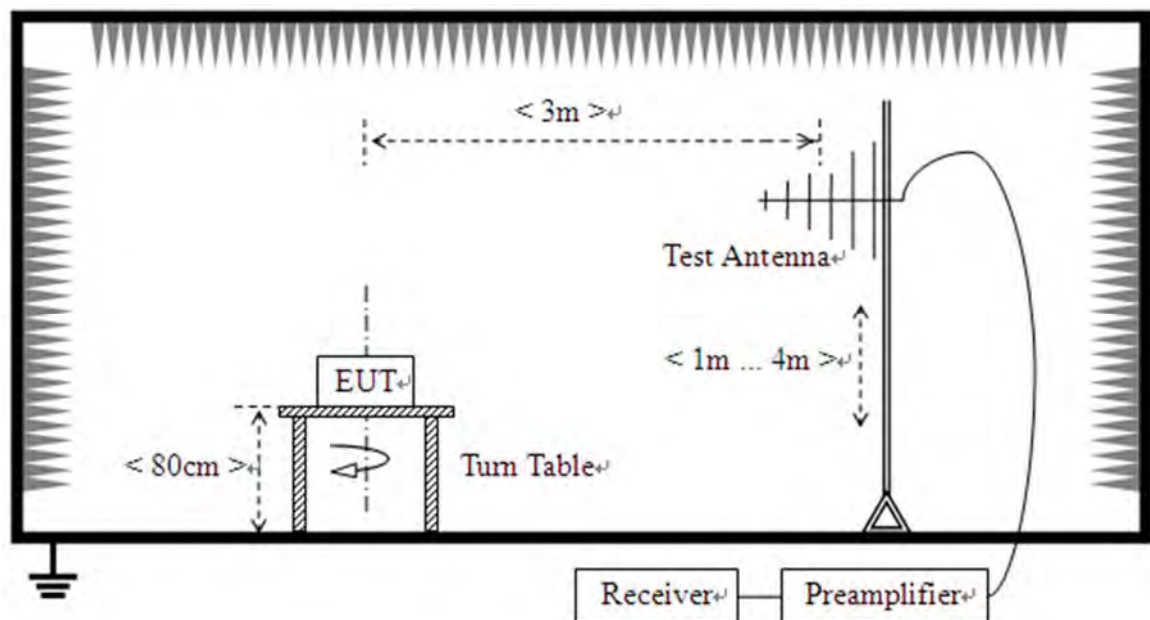


2.8. Radiated Out of Band Emissions

2.8.1. Requirement

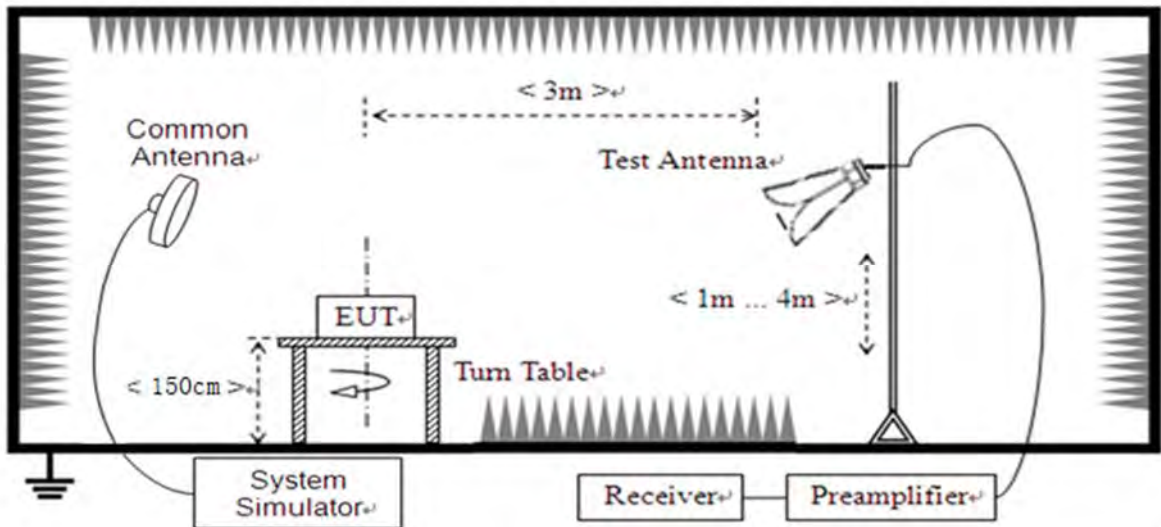
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13dBm. The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency.

2.8.2. Test Description



(For the test frequency from 30MHz to 1GHz)





(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.

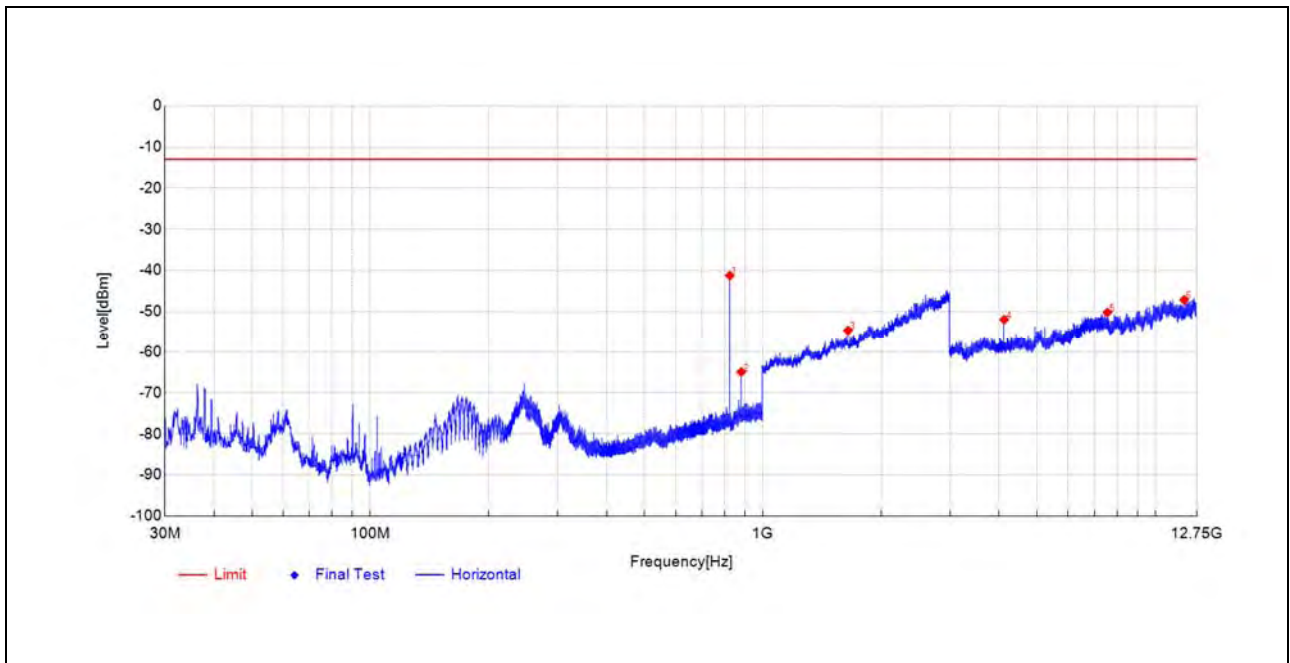
Note3: All spurious emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note4: NA means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

ANT1

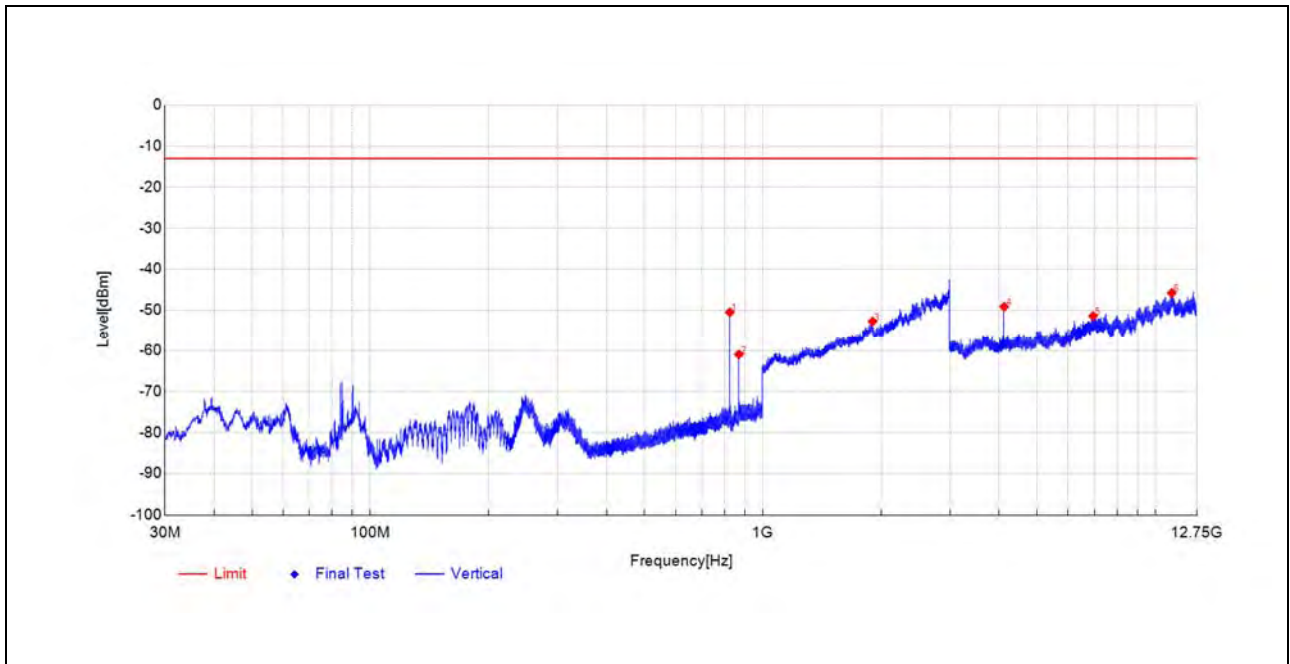
GSM850(GSM)

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-35.41	-41.21	-5.8	-	-	Horizontal	PK	NA
881.4116	-60.16	-64.90	-4.7	-	-	Horizontal	PK	NA
1648.5297	-57.26	-54.62	2.6	-13.0	41.6	Horizontal	PK	PASS
4121.3061	-54.05	-51.94	2.1	-13.0	38.9	Horizontal	PK	PASS
7550.065	-62.27	-50.18	12.1	-13.0	37.2	Horizontal	PK	PASS
11839.304	-67.56	-47.14	20.4	-13.0	34.1	Horizontal	PK	PASS

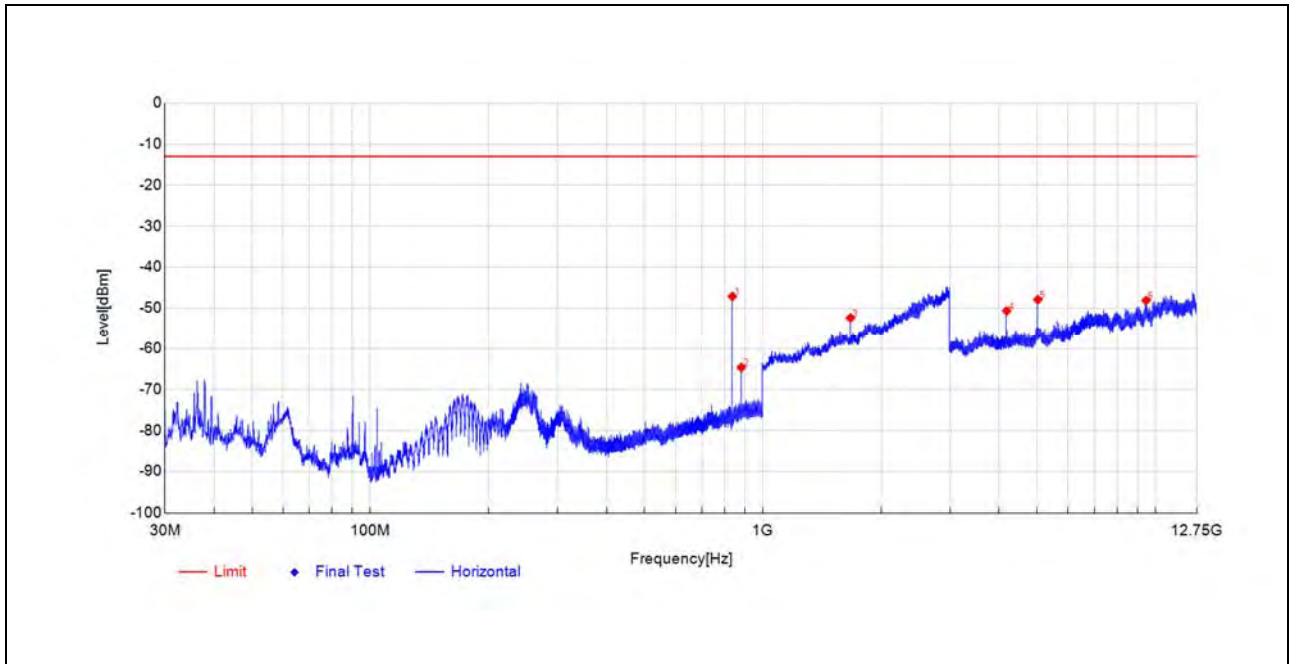




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-44.58	-50.47	-5.9	-	-	Vertical	PK	NA
869.189	-56.10	-60.97	-4.9	-	-	Vertical	PK	NA
1904.1808	-58.61	-52.72	5.9	-13.0	39.7	Vertical	PK	PASS
4121.3061	-51.27	-49.12	2.2	-13.0	36.1	Vertical	PK	PASS
6943.0972	-62.24	-51.37	10.9	-13.0	38.4	Vertical	PK	PASS
11015.388	-67.81	-45.75	22.1	-13.0	32.8	Vertical	PK	PASS

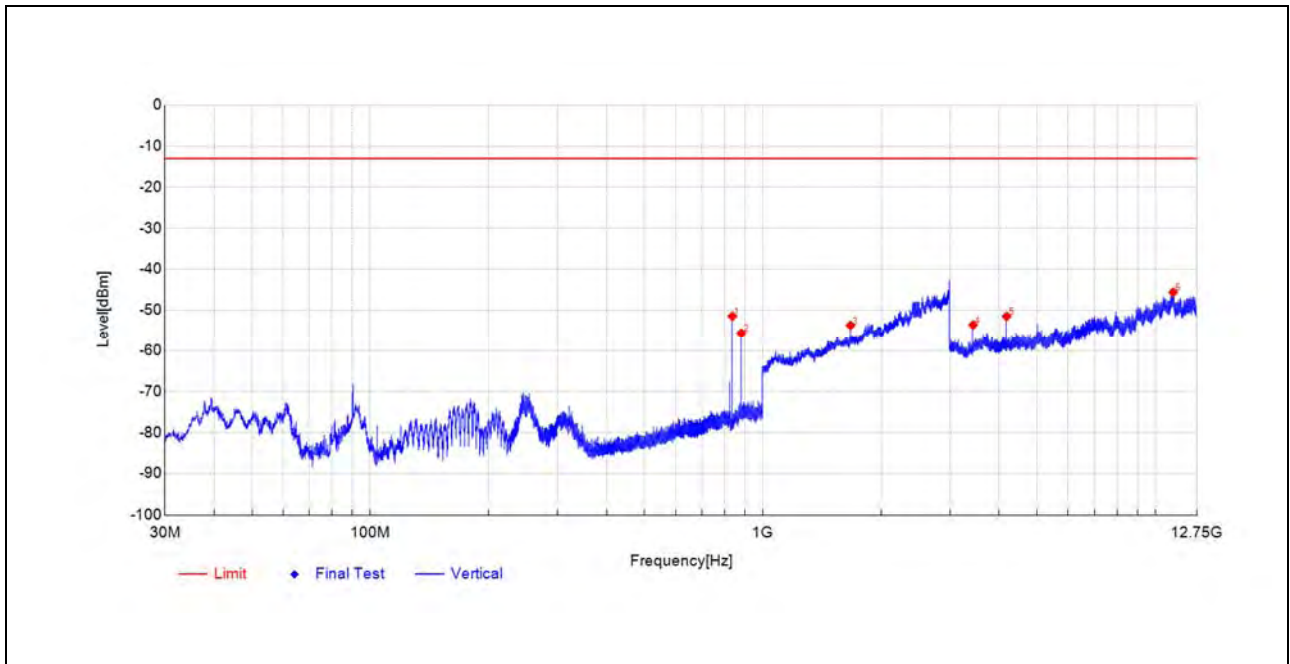


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4983	-41.57	-47.10	-5.5	-	-	Horizontal	PK	NA
881.4601	-59.92	-64.66	-4.7	-	-	Horizontal	PK	NA
1672.9346	-54.87	-52.37	2.5	-13.0	39.4	Horizontal	PK	PASS
4182.2466	-52.80	-50.63	2.2	-13.0	37.6	Horizontal	PK	PASS
5017.8634	-53.97	-47.88	6.1	-13.0	34.9	Horizontal	PK	PASS
9475.2988	-64.74	-48.11	16.6	-13.0	35.1	Horizontal	PK	PASS

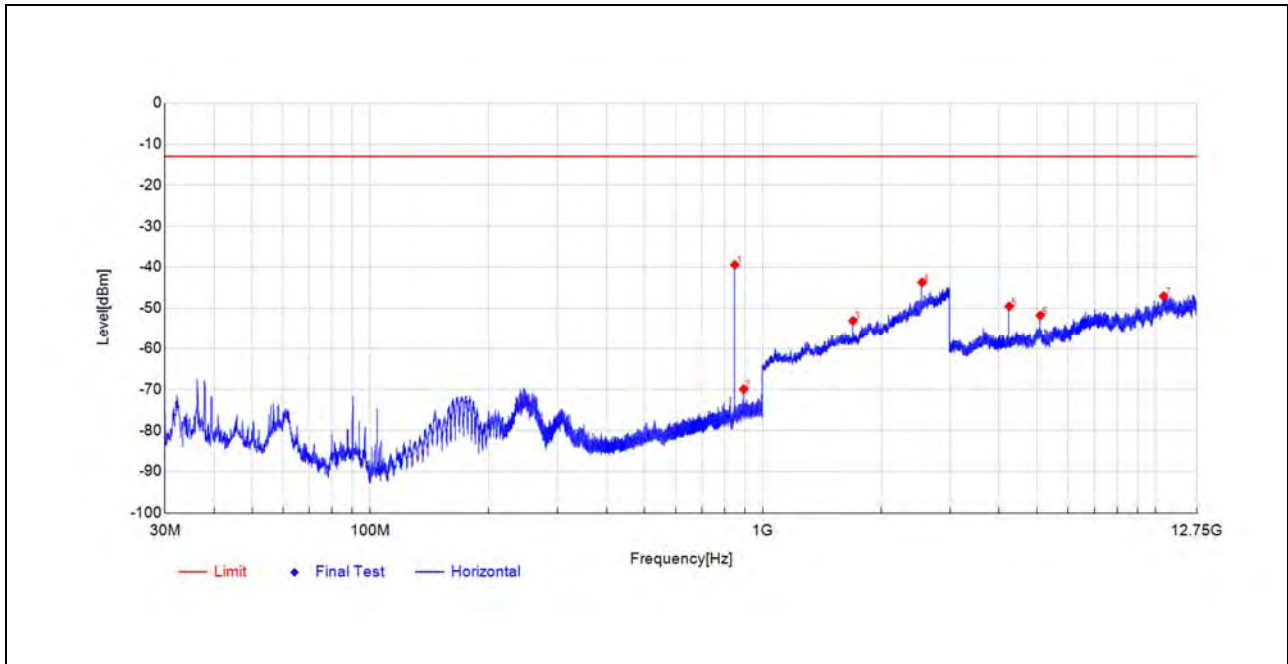




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4013	-45.62	-51.45	-5.8	-	-	Vertical	PK	NA
881.4116	-51.16	-55.63	-4.5	-	-	Vertical	PK	NA
1672.5345	-56.44	-53.70	2.7	-13.0	40.7	Vertical	PK	PASS
3434.3842	-54.25	-53.59	0.7	-13.0	40.6	Vertical	PK	PASS
4181.7591	-53.77	-51.50	2.3	-13.0	38.5	Vertical	PK	PASS
11102.655	-67.97	-45.59	22.4	-13.0	32.6	Vertical	PK	PASS

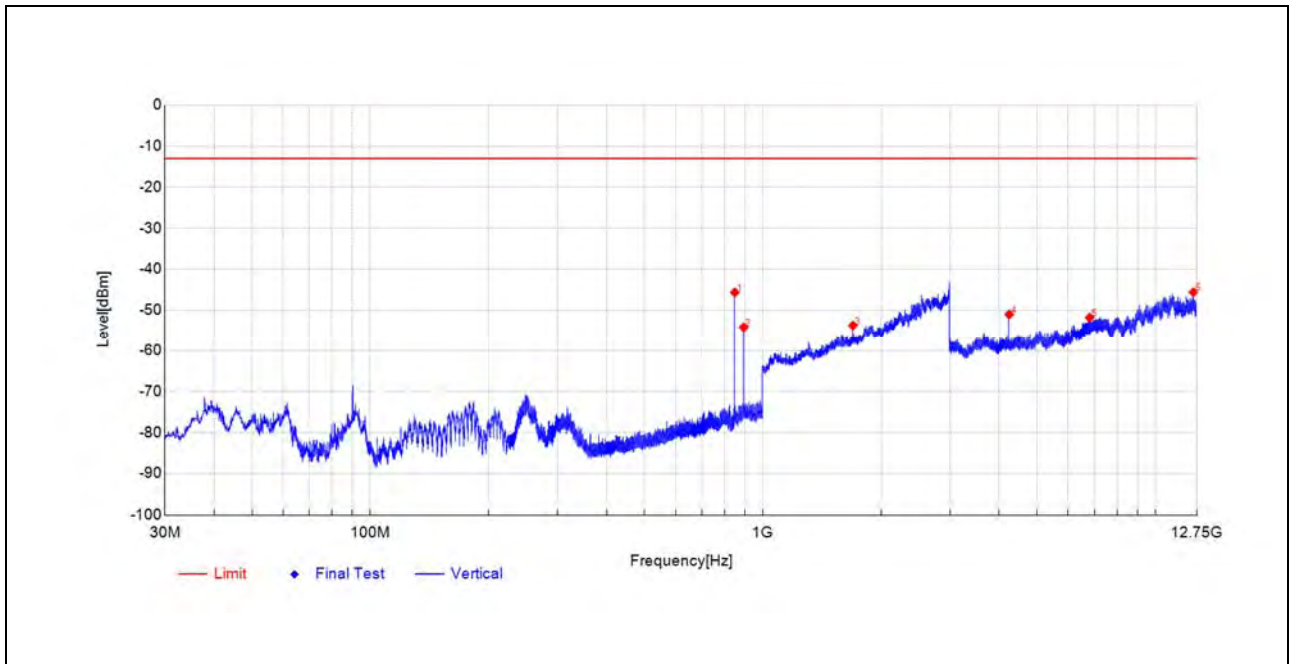


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8179	-34.22	-39.41	-5.2	-	-	Horizontal	PK	NA
893.8282	-65.30	-69.97	-4.7	-	-	Horizontal	PK	NA
1697.3395	-56.00	-53.08	2.9	-13.0	40.1	Horizontal	PK	PASS
2545.9092	-54.72	-43.70	11.0	-13.0	30.7	Horizontal	PK	PASS
4244.1622	-51.81	-49.54	2.3	-13.0	36.5	Horizontal	PK	PASS
5092.4546	-57.81	-51.74	6.1	-13.0	38.7	Horizontal	PK	PASS
10503.975	-66.92	-47.04	19.9	-13.0	34.0	Horizontal	PK	PASS



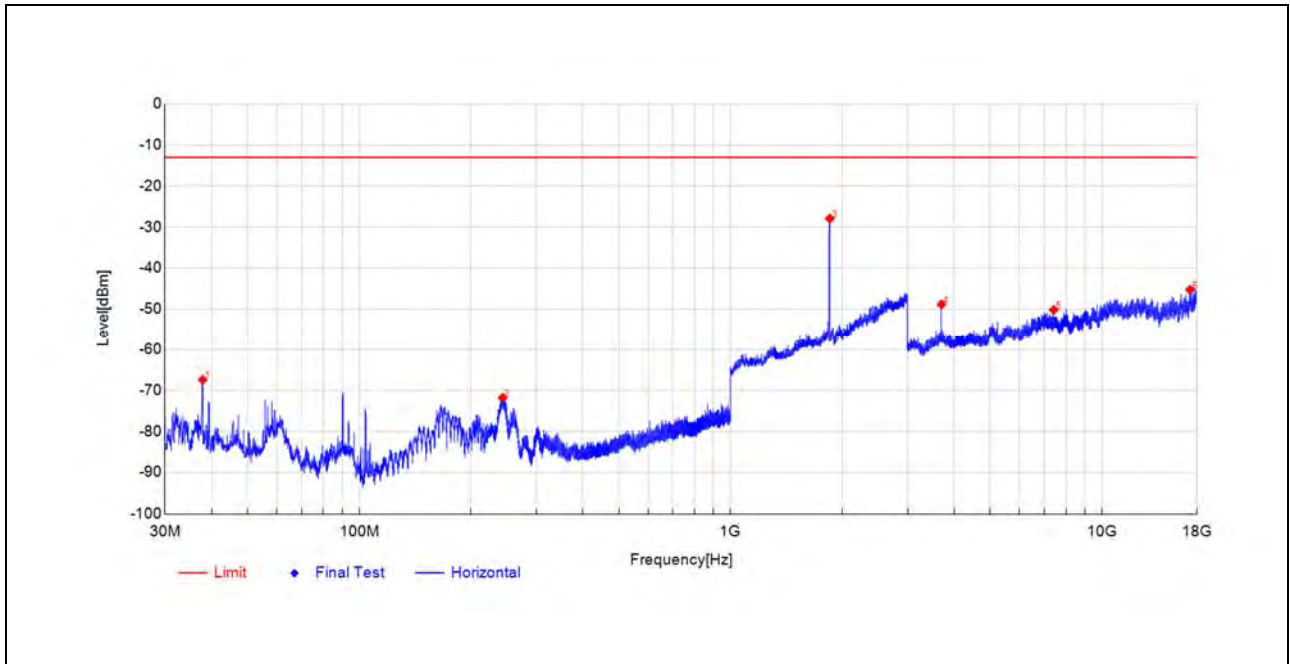


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-40.10	-45.62	-5.5	-	-	Vertical	PK	NA
893.8767	-49.74	-54.17	-4.4	-	-	Vertical	PK	NA
1697.7395	-56.81	-53.71	3.1	-13.0	40.7	Vertical	PK	PASS
4244.1622	-53.25	-51.00	2.3	-13.0	38.0	Vertical	PK	PASS
6802.2026	-62.75	-51.77	11.0	-13.0	38.8	Vertical	PK	PASS
12510.138	-69.08	-45.59	23.5	-13.0	32.6	Vertical	PK	PASS



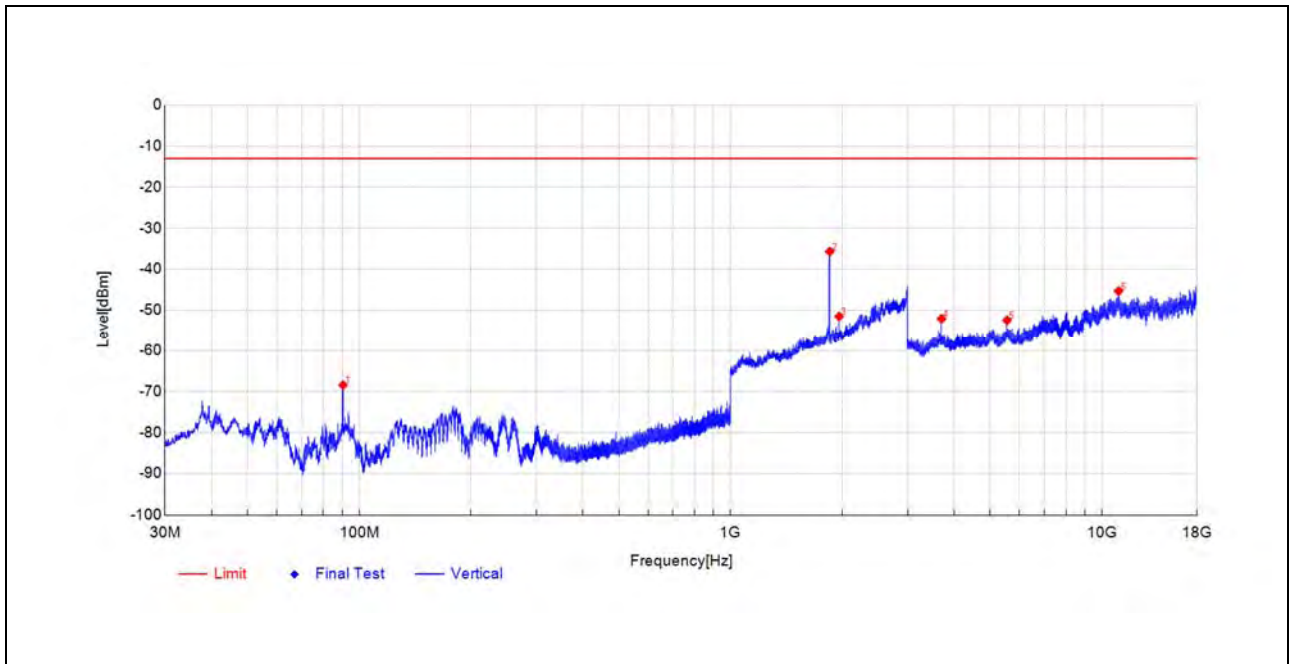
**GSM1900(GSM)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-52.13	-67.40	-15.3	-13.0	54.4	Horizontal	PK	PASS
243.2652	-55.51	-71.82	-16.3	-13.0	58.8	Horizontal	PK	PASS
1850.17	-32.18	-27.90	4.3	-	-	Horizontal	PK	NA
3700.3858	-50.61	-48.83	1.8	-13.0	35.8	Horizontal	PK	PASS
7418.9368	-62.44	-50.15	12.3	-13.0	37.2	Horizontal	PK	PASS
17271.330	-68.98	-45.26	23.7	-13.0	32.3	Horizontal	PK	PASS

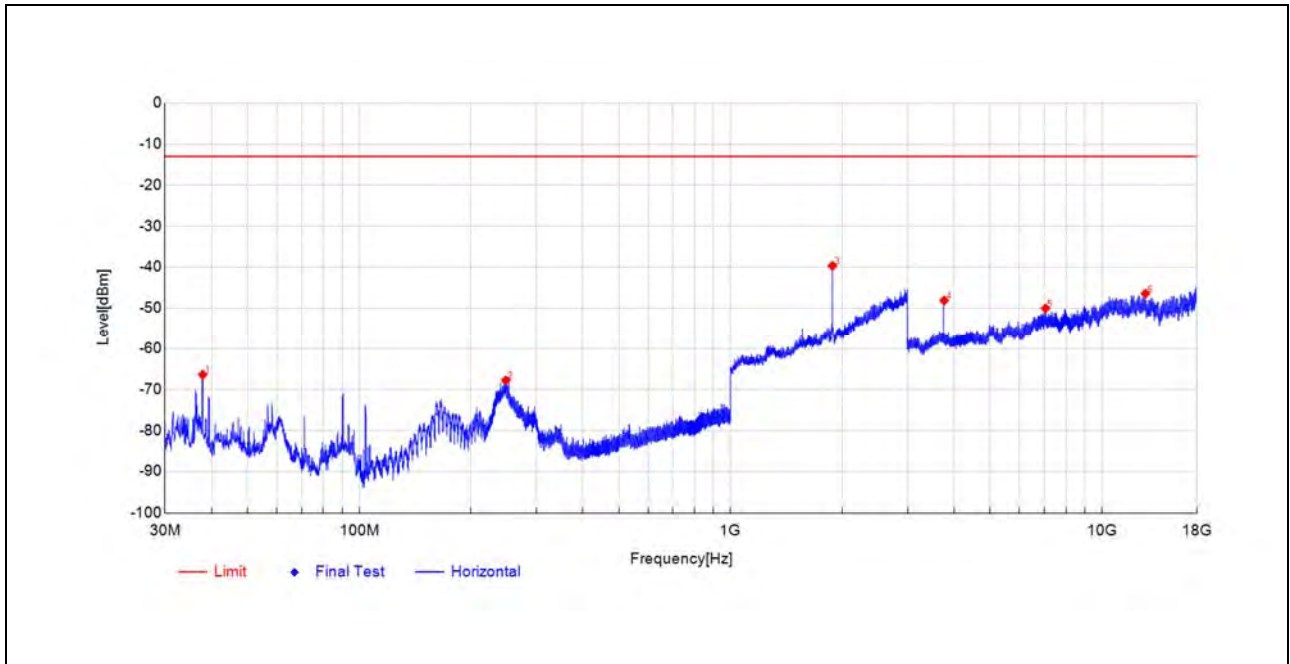




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-46.16	-68.44	-22.3	-13.0	55.4	Vertical	PK	PASS
1849.77	-39.99	-35.66	4.3	-	-	Vertical	PK	NA
1959.792	-55.69	-51.50	4.2	-	-	Vertical	PK	NA
3700.3858	-53.84	-52.07	1.8	-13.0	39.1	Vertical	PK	PASS
5550.793	-58.78	-52.43	6.4	-13.0	39.4	Vertical	PK	PASS
11089.163	-67.22	-45.30	21.9	-13.0	32.3	Vertical	PK	PASS

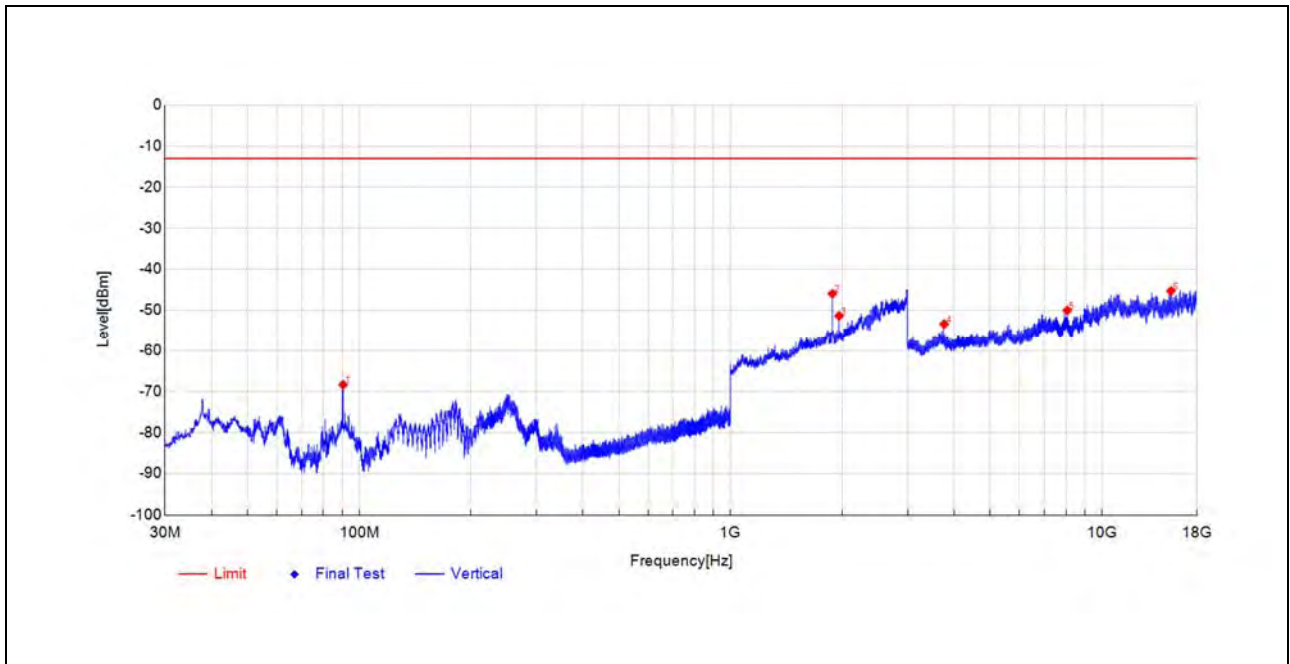


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-51.12	-66.39	-15.3	-13.0	53.4	Horizontal	PK	PASS
248.1154	-51.11	-67.81	-16.7	-13.0	54.8	Horizontal	PK	PASS
1879.776	-44.93	-39.65	5.3	-	-	Horizontal	PK	NA
3759.9657	-49.27	-48.09	1.2	-13.0	35.1	Horizontal	PK	PASS
7045.9618	-61.71	-50.01	11.7	-13.0	37.0	Horizontal	PK	PASS
13098.043	-70.56	-46.40	24.2	-13.0	33.4	Horizontal	PK	PASS

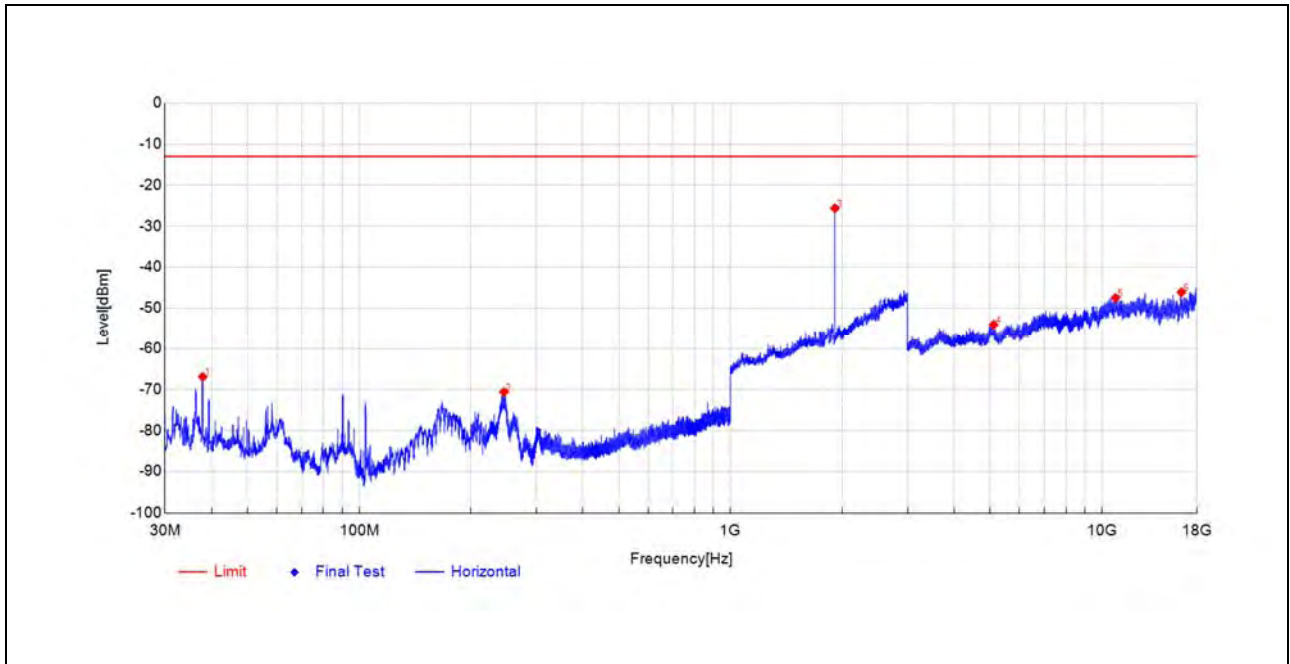




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-46.12	-68.40	-22.3	-13.0	55.4	Vertical	PK	PASS
1880.176	-51.08	-45.97	5.1	-	-	Vertical	PK	NA
1960.192	-55.56	-51.35	4.2	-	-	Vertical	PK	NA
3759.9657	-54.46	-53.38	1.1	-13.0	40.4	Vertical	PK	PASS
8068.8828	-63.00	-50.01	13.0	-13.0	37.0	Vertical	PK	PASS
15339.253	-69.76	-45.29	24.5	-13.0	32.3	Vertical	PK	PASS

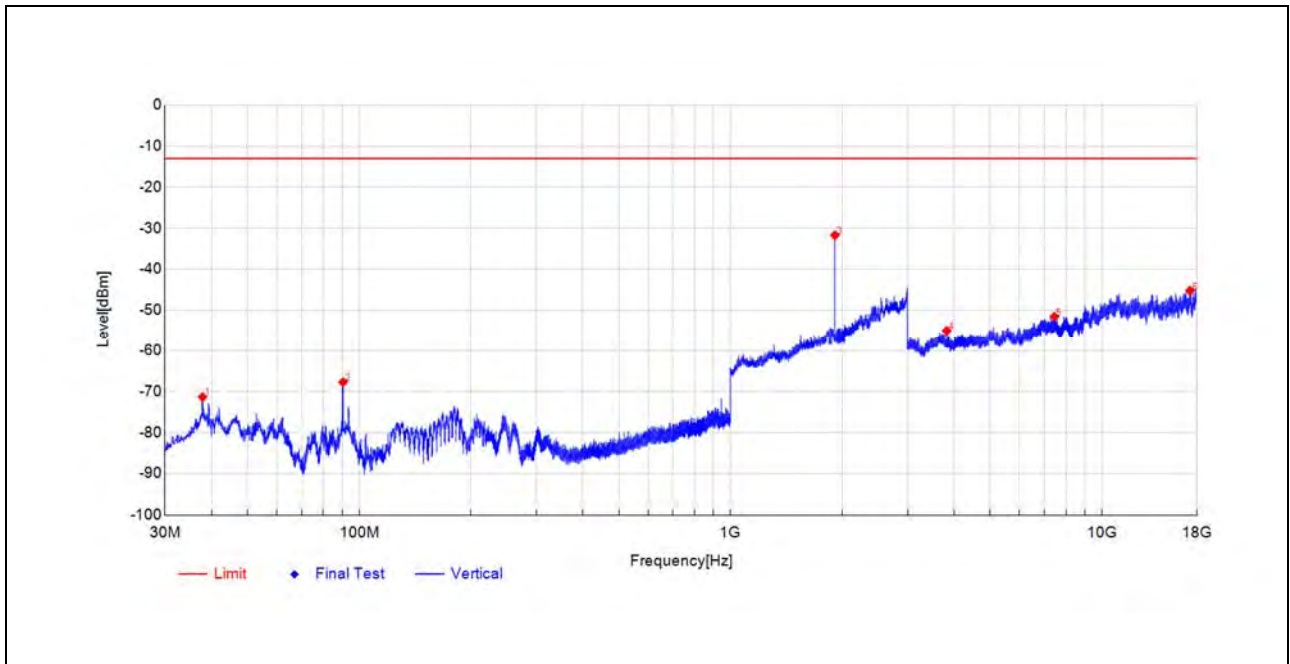


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-51.65	-66.92	-15.3	-13.0	53.9	Horizontal	PK	PASS
245.1568	-54.16	-70.63	-16.5	-13.0	57.6	Horizontal	PK	PASS
1909.782	-29.86	-25.63	4.2	-	-	Horizontal	PK	NA
5110.5872	-59.98	-54.02	6.0	-13.0	41.0	Horizontal	PK	PASS
10880.835	-68.31	-47.45	20.9	-13.0	34.5	Horizontal	PK	PASS
16367.454	-71.39	-46.11	25.3	-13.0	33.1	Horizontal	PK	PASS



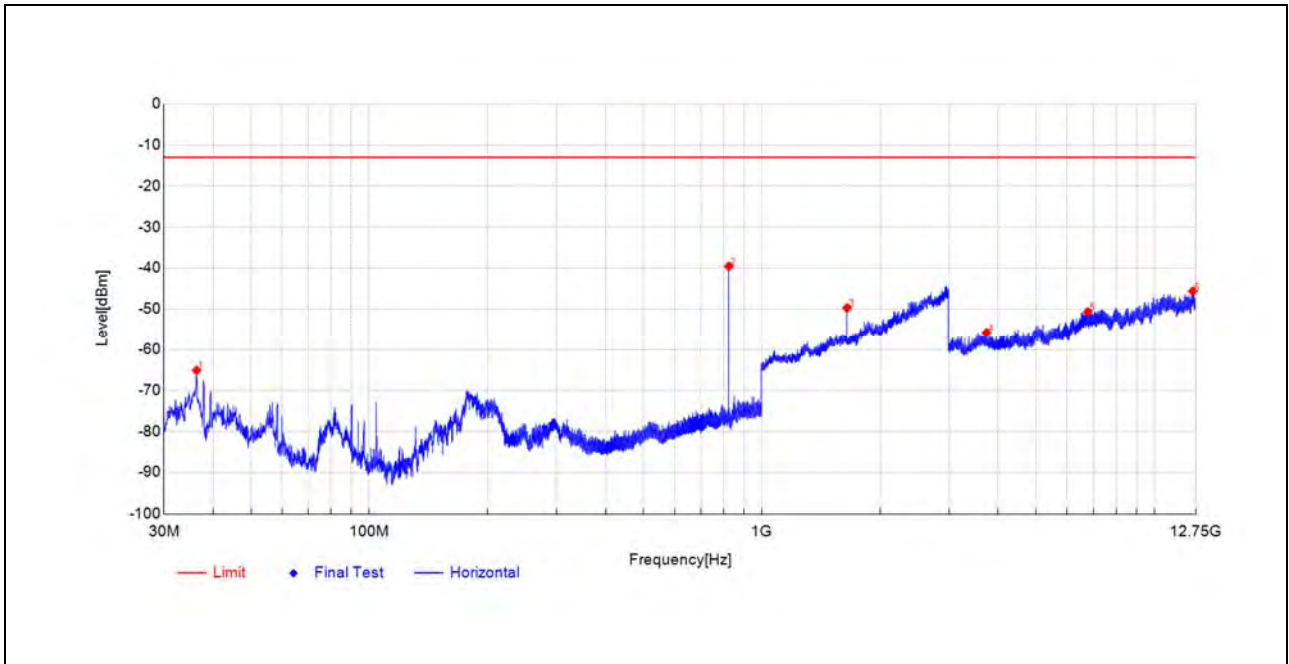


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.8574	-48.74	-71.35	-22.6	-13.0	58.4	Vertical	PK	PASS
90.434	-45.48	-67.76	-22.3	-13.0	54.8	Vertical	PK	PASS
1909.782	-36.56	-31.71	4.9	-	-	Vertical	PK	NA
3819.5456	-55.71	-55.01	0.7	-13.0	42.0	Vertical	PK	PASS
7449.178	-63.26	-51.54	11.7	-13.0	38.5	Vertical	PK	PASS
17267.970	-69.65	-45.21	24.4	-13.0	32.2	Vertical	PK	PASS



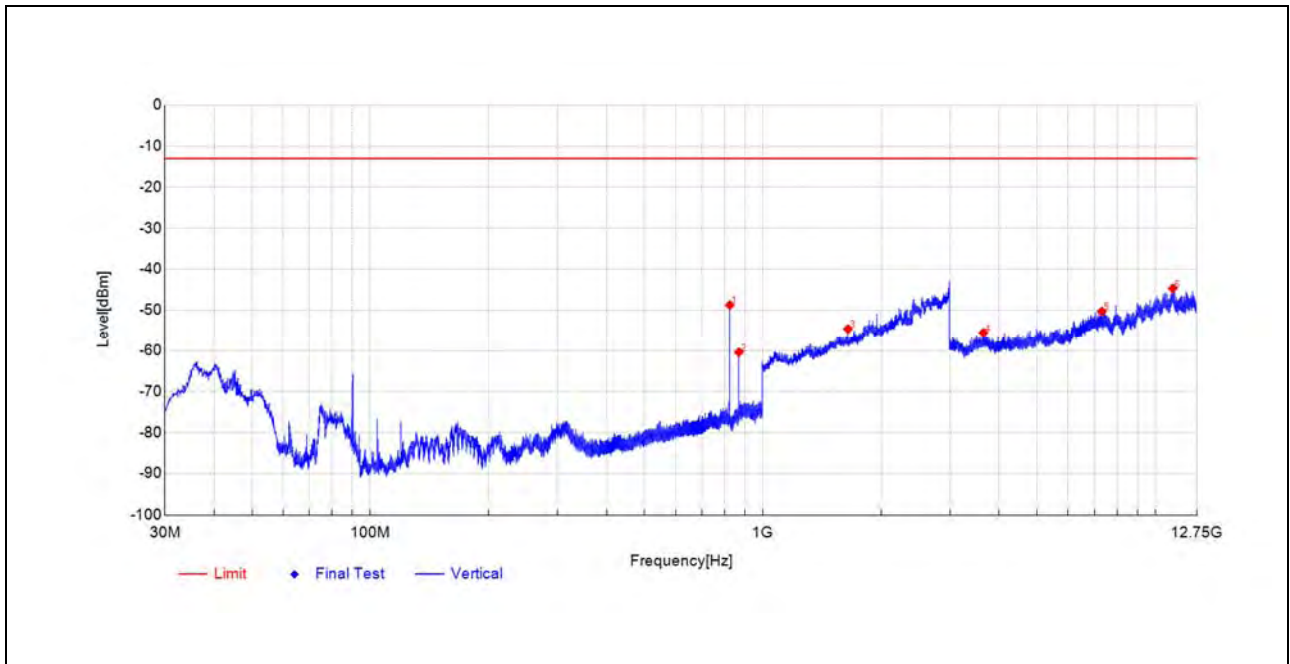
**GSM850(EDGE)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-49.93	-65.14	-15.2	-13.0	52.1	Horizontal	PK	PASS
824.1787	-33.75	-39.55	-5.8	-	-	Horizontal	PK	NA
1648.5297	-52.33	-49.69	2.6	-13.0	36.7	Horizontal	PK	PASS
3738.1119	-57.19	-55.79	1.4	-13.0	42.8	Horizontal	PK	PASS
6769.051	-62.35	-50.67	11.7	-13.0	37.7	Horizontal	PK	PASS
12545.727	-68.96	-45.62	23.3	-13.0	32.6	Horizontal	PK	PASS

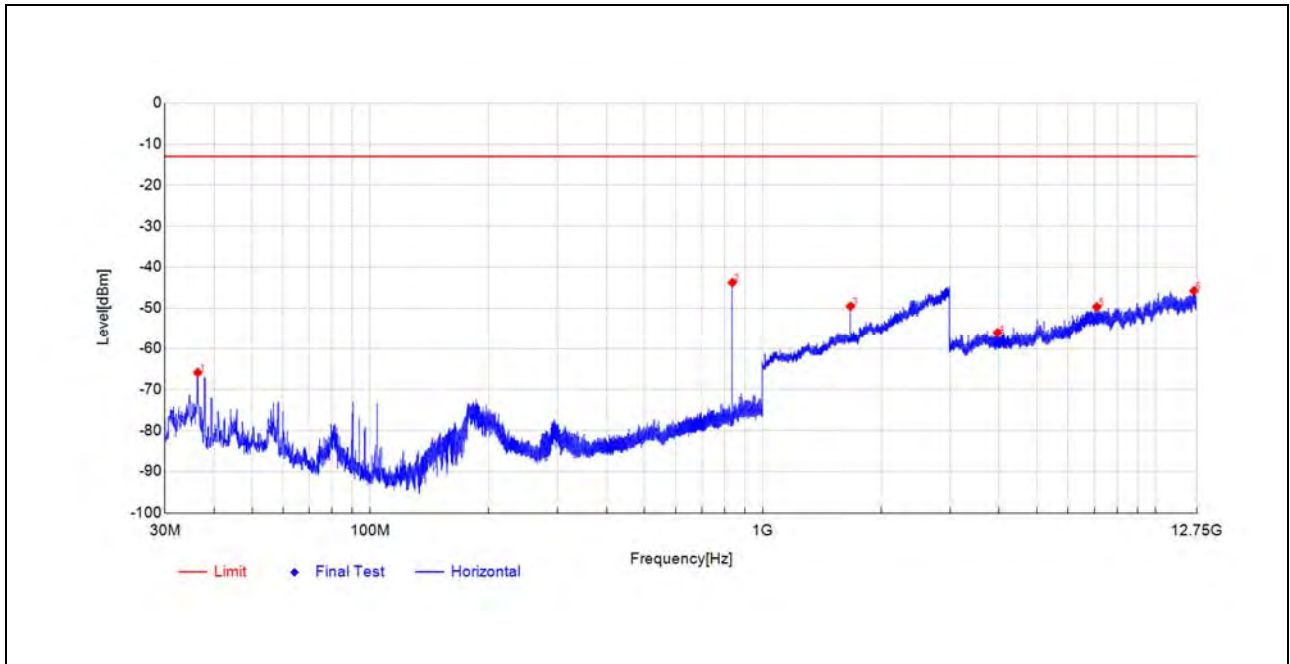




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-42.84	-48.73	-5.9	-	-	Vertical	PK	NA
869.1405	-55.53	-60.40	-4.9	-	-	Vertical	PK	NA
1648.1296	-57.09	-54.61	2.5	-13.0	41.6	Vertical	PK	PASS
3647.9199	-57.13	-55.50	1.6	-13.0	42.5	Vertical	PK	PASS
7306.3028	-62.40	-50.29	12.1	-13.0	37.3	Vertical	PK	PASS
11078.766	-66.99	-44.67	22.3	-13.0	31.7	Vertical	PK	PASS

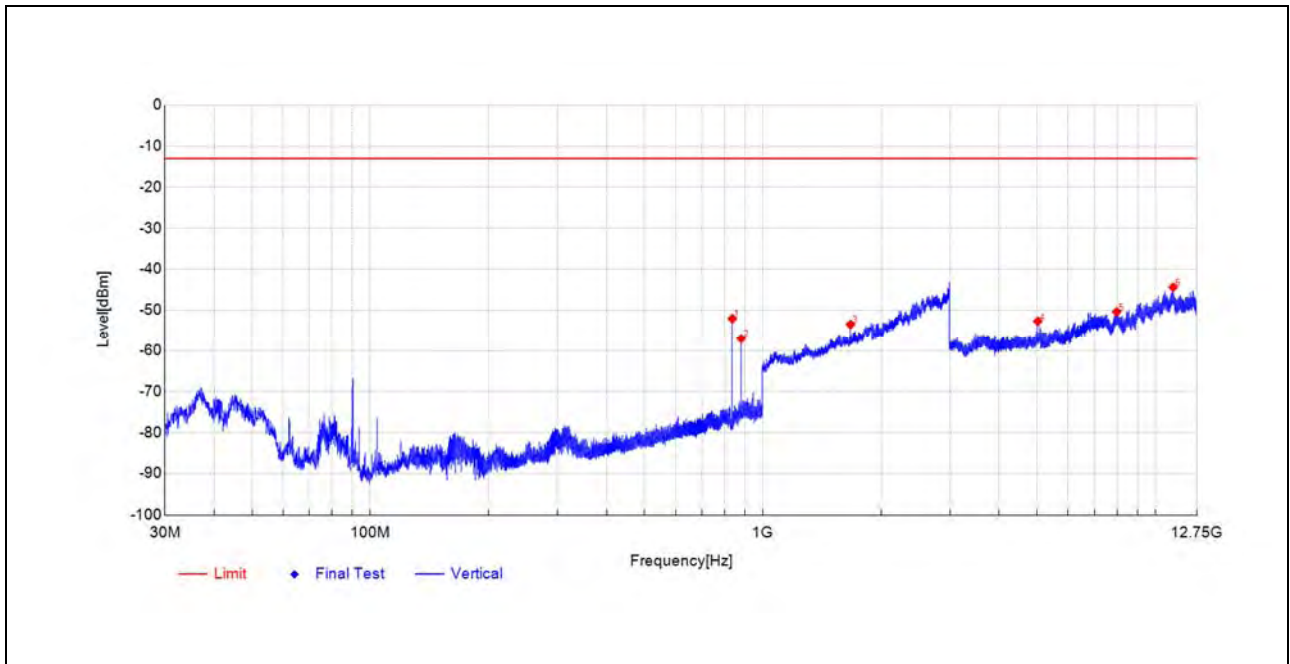


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-50.69	-65.90	-15.2	-13.0	52.9	Horizontal	PK	PASS
836.4013	-38.20	-43.74	-5.5	-	-	Horizontal	PK	NA
1672.5345	-52.03	-49.53	2.5	-13.0	36.5	Horizontal	PK	PASS
3963.8357	-57.44	-56.05	1.4	-13.0	43.1	Horizontal	PK	PASS
7093.2547	-61.78	-49.68	12.1	-13.0	36.7	Horizontal	PK	PASS
12552.065	-69.07	-45.75	23.3	-13.0	32.8	Horizontal	PK	PASS

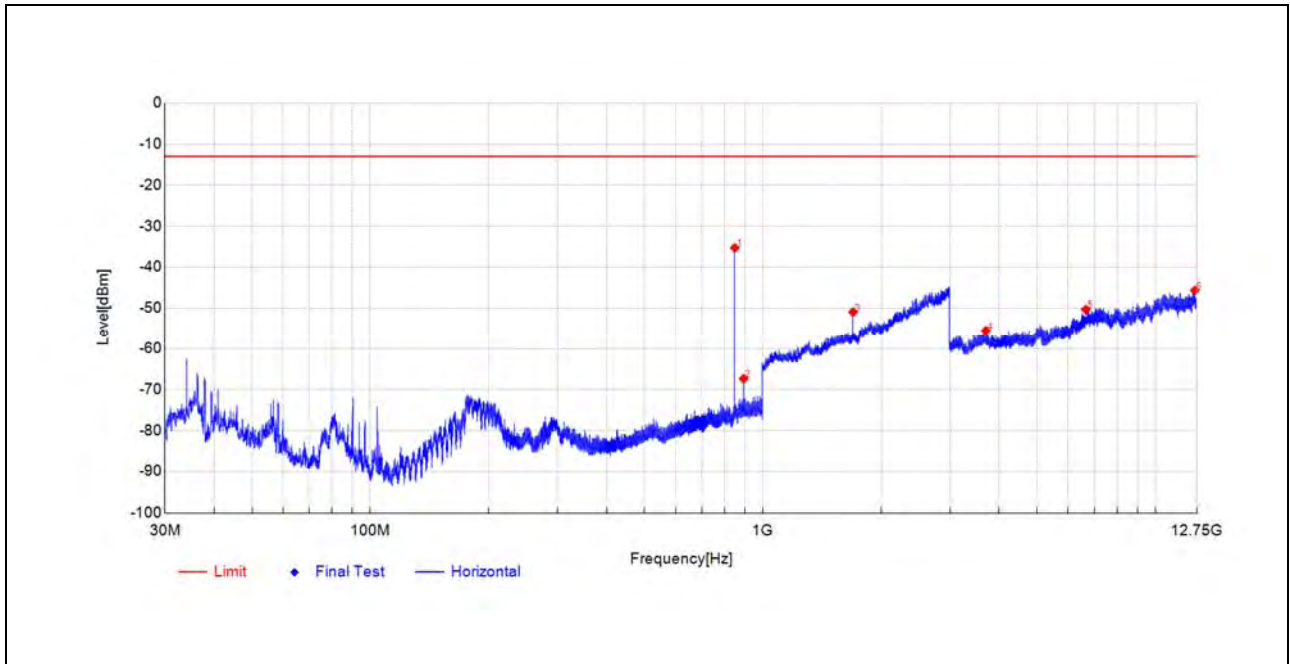




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4013	-46.21	-52.04	-5.8	-	-	Vertical	PK	NA
881.4601	-52.55	-57.02	-4.5	-	-	Vertical	PK	NA
1672.5345	-56.21	-53.47	2.7	-13.0	40.5	Vertical	PK	PASS
5018.3509	-58.21	-52.69	5.5	-13.0	39.7	Vertical	PK	PASS
7970.311	-63.22	-50.36	12.9	-13.0	37.4	Vertical	PK	PASS
11107.042	-66.68	-44.37	22.3	-13.0	31.4	Vertical	PK	PASS

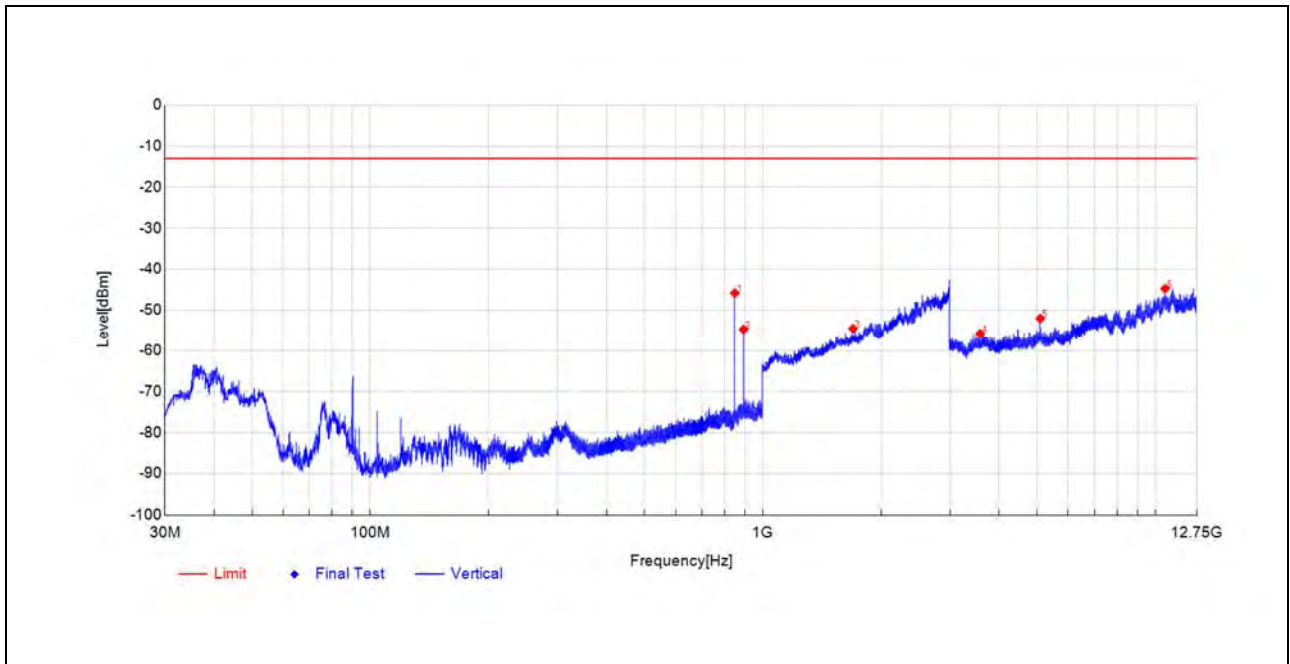


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-30.09	-35.28	-5.2	-	-	Horizontal	PK	NA
893.7797	-62.72	-67.39	-4.7	-	-	Horizontal	PK	NA
1697.7395	-53.85	-50.92	2.9	-13.0	37.9	Horizontal	PK	PASS
3703.9852	-57.24	-55.50	1.7	-13.0	42.5	Horizontal	PK	PASS
6655.4578	-61.65	-50.31	11.3	-13.0	37.3	Horizontal	PK	PASS
12612.030	-68.77	-45.65	23.1	-13.0	32.7	Horizontal	PK	PASS



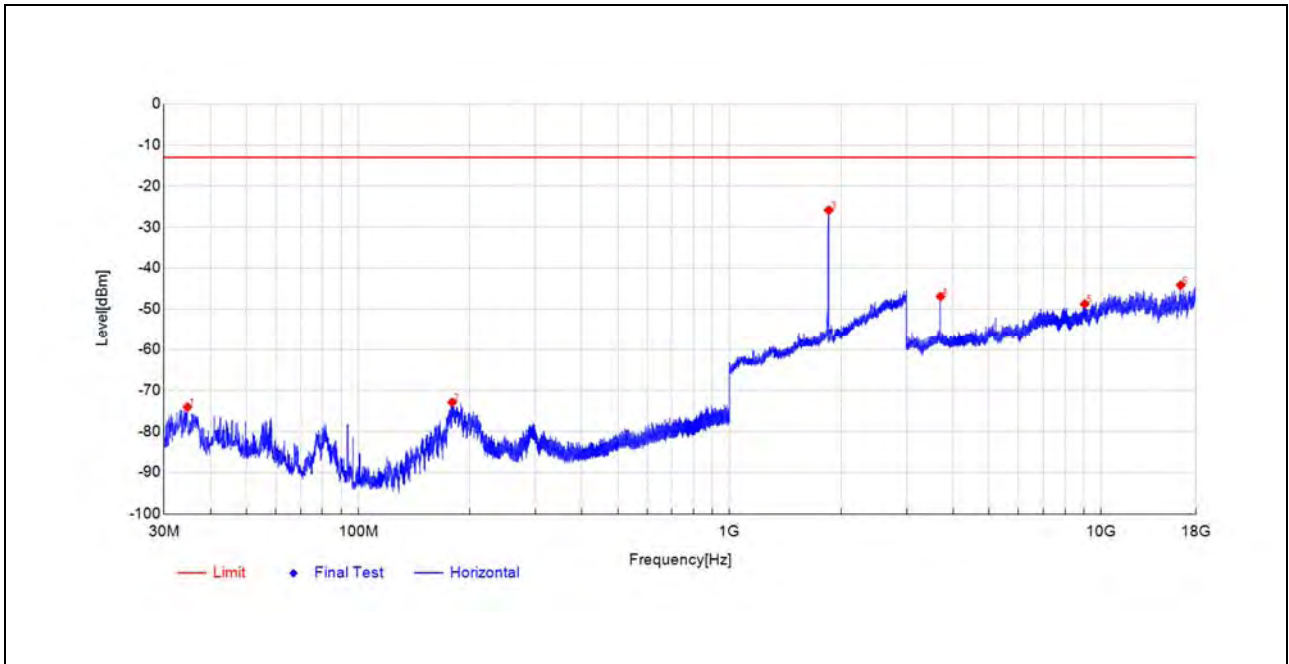


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.7694	-40.27	-45.80	-5.5	-	-	Vertical	PK	NA
893.7312	-50.28	-54.71	-4.4	-	-	Vertical	PK	NA
1697.7395	-57.61	-54.51	3.1	-13.0	41.5	Vertical	PK	PASS
3577.7164	-57.22	-55.76	1.5	-13.0	42.8	Vertical	PK	PASS
5093.4297	-57.50	-52.03	5.5	-13.0	39.0	Vertical	PK	PASS
10591.729	-64.93	-44.73	20.2	-13.0	31.7	Vertical	PK	PASS



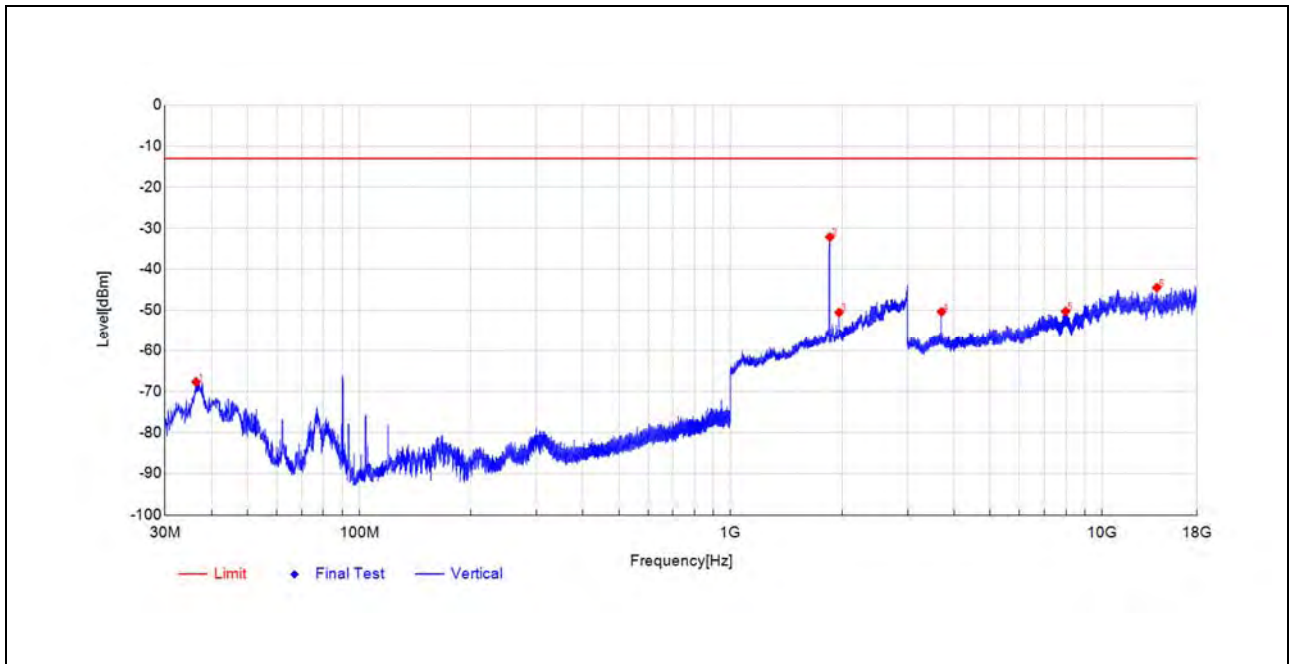
**GSM1900(EDGE)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.7047	-58.85	-74.08	-15.2	-13.0	61.1	Horizontal	PK	PASS
178.9994	-51.48	-72.94	-21.5	-13.0	59.9	Horizontal	PK	PASS
1850.17	-30.17	-25.89	4.3	-	-	Horizontal	PK	NA
3700.3858	-48.69	-46.91	1.8	-13.0	33.9	Horizontal	PK	PASS
9045.2418	-64.28	-48.74	15.5	-13.0	35.7	Horizontal	PK	PASS
16394.815	-69.83	-44.14	25.7	-13.0	31.1	Horizontal	PK	PASS

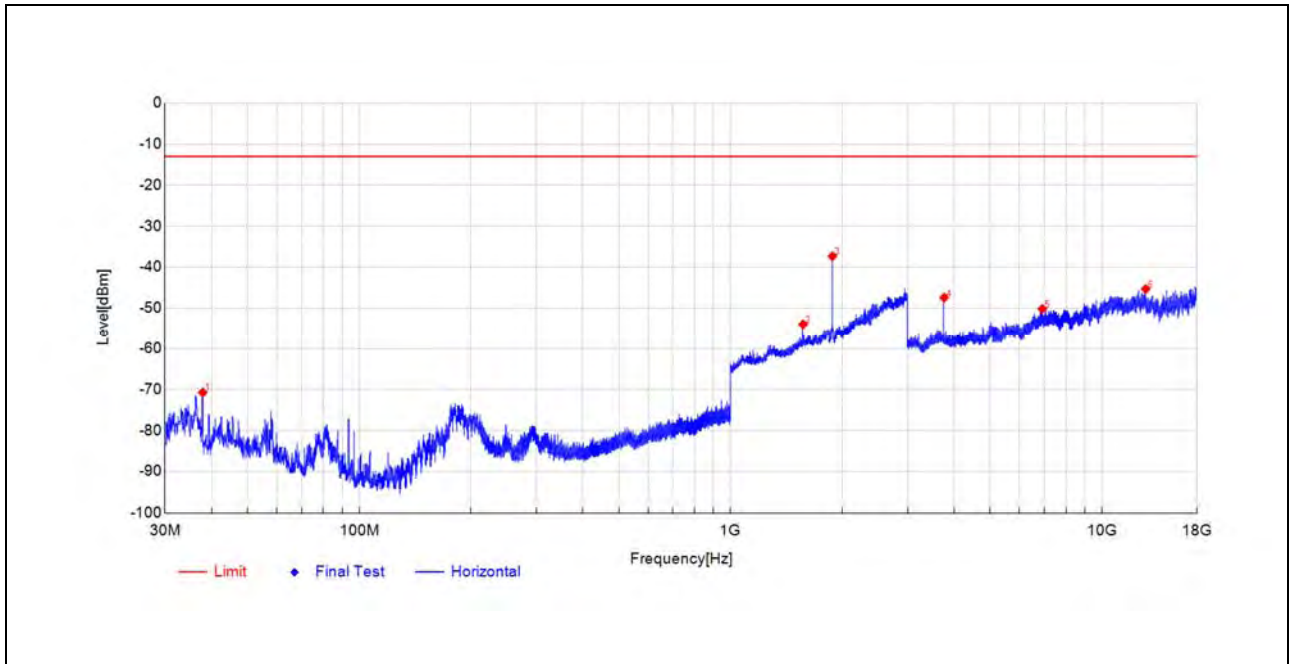




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-44.58	-67.69	-23.1	-13.0	54.7	Vertical	PK	PASS
1850.17	-36.45	-32.13	4.3	-	-	Vertical	PK	NA
1959.792	-54.71	-50.52	4.2	-	-	Vertical	PK	NA
3700.3858	-52.14	-50.37	1.8	-13.0	37.4	Vertical	PK	PASS
7983.9194	-63.16	-50.28	12.9	-13.0	37.3	Vertical	PK	PASS
14056.162	-69.33	-44.47	24.9	-13.0	31.5	Vertical	PK	PASS

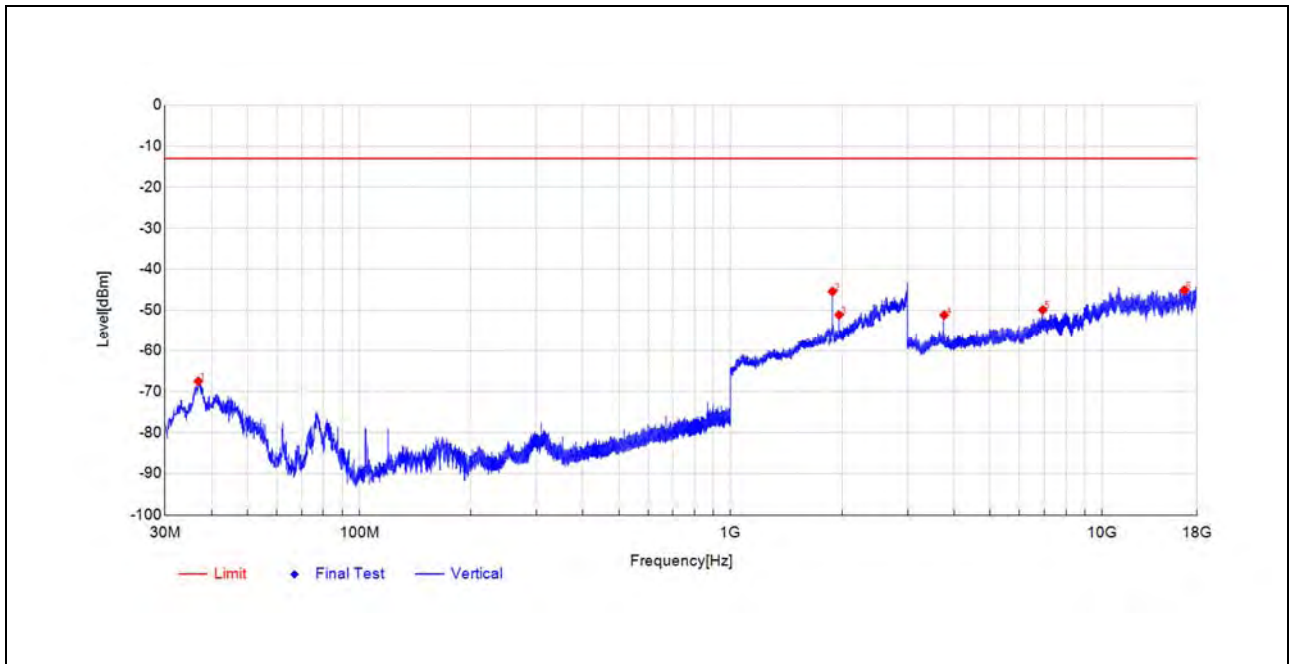


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-55.51	-70.78	-15.3	-13.0	57.8	Horizontal	PK	PASS
1568.1136	-55.76	-53.93	1.8	-13.0	40.9	Horizontal	PK	PASS
1879.776	-42.60	-37.32	5.3	-	-	Horizontal	PK	NA
3759.9657	-48.58	-47.40	1.2	-13.0	34.4	Horizontal	PK	PASS
6910.5964	-61.68	-50.13	11.6	-13.0	37.1	Horizontal	PK	PASS
13114.844	-69.16	-45.31	23.9	-13.0	32.3	Horizontal	PK	PASS

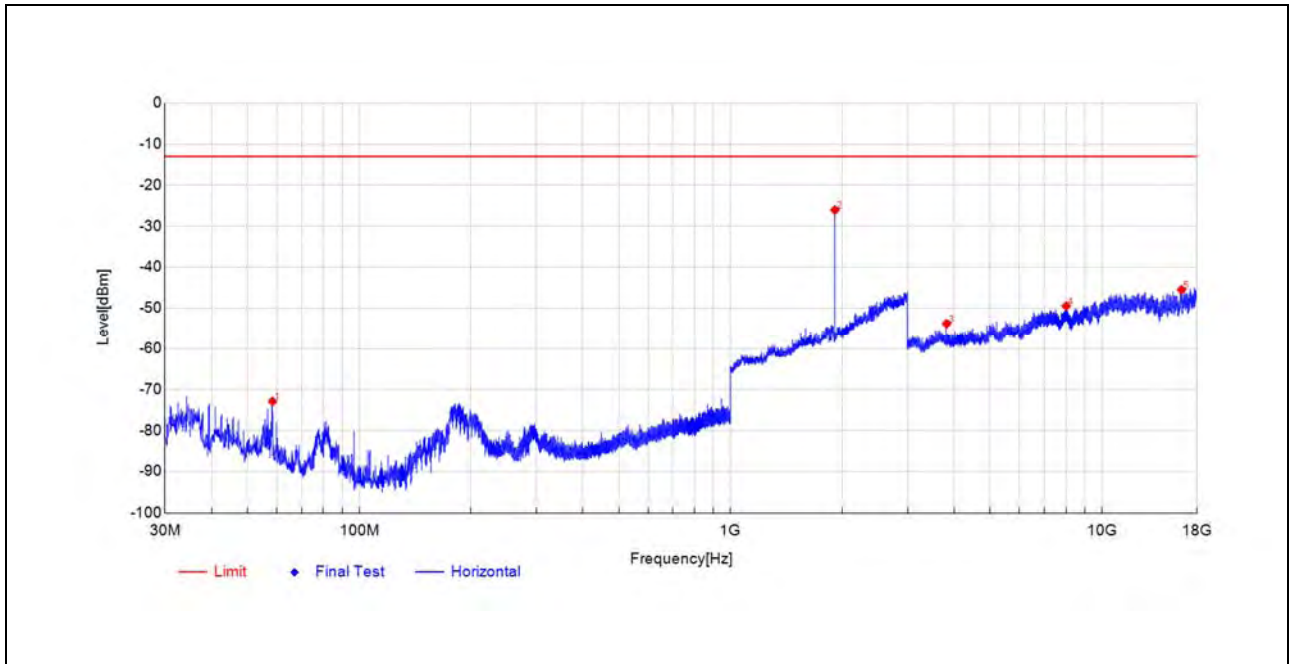




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.8873	-44.60	-67.53	-22.9	-13.0	54.5	Vertical	PK	PASS
1880.176	-50.52	-45.41	5.1	-	-	Vertical	PK	NA
1960.192	-55.33	-51.12	4.2	-	-	Vertical	PK	NA
3759.9657	-52.26	-51.18	1.1	-13.0	38.2	Vertical	PK	PASS
6928.3571	-60.83	-49.91	10.9	-13.0	36.9	Vertical	PK	PASS
16660.746	-70.73	-45.09	25.6	-13.0	32.1	Vertical	PK	PASS

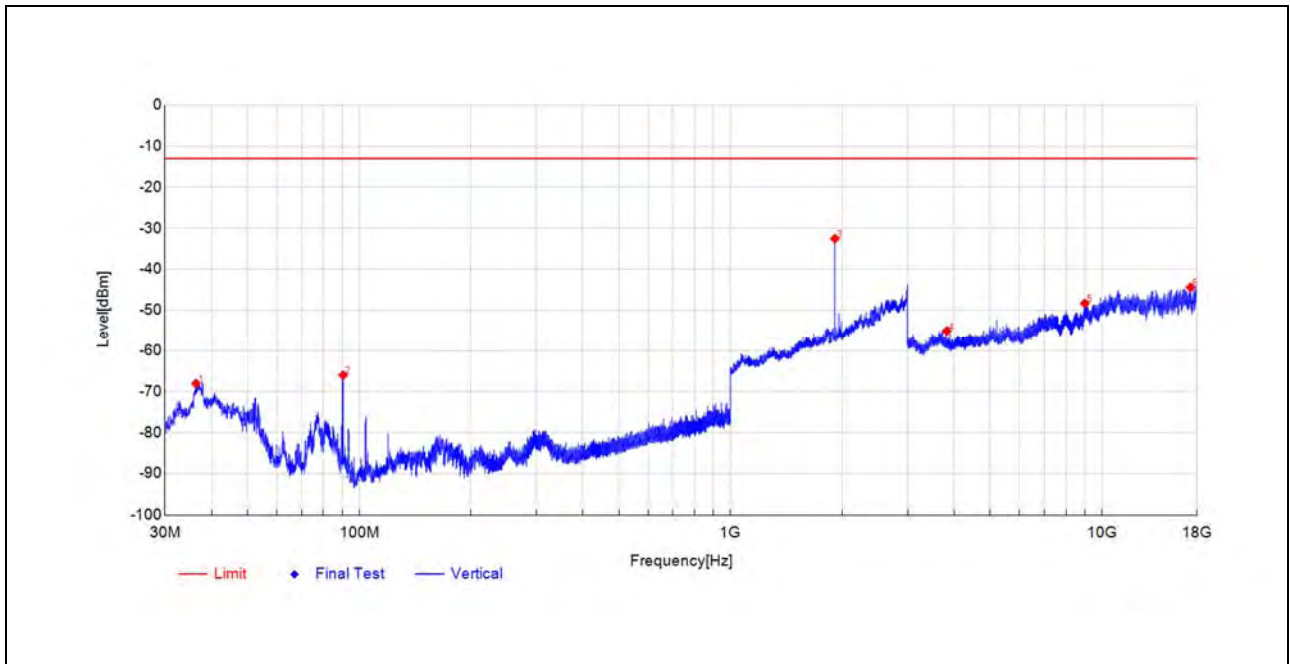


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
58.4224	-56.22	-72.90	-16.7	-13.0	59.9	Horizontal	PK	PASS
1909.782	-30.28	-26.05	4.2	-	-	Horizontal	PK	NA
3819.5456	-54.65	-53.77	0.9	-13.0	40.8	Horizontal	PK	PASS
8012.7205	-62.82	-49.45	13.4	-13.0	36.5	Horizontal	PK	PASS
16382.335	-70.97	-45.47	25.5	-13.0	32.5	Horizontal	PK	PASS



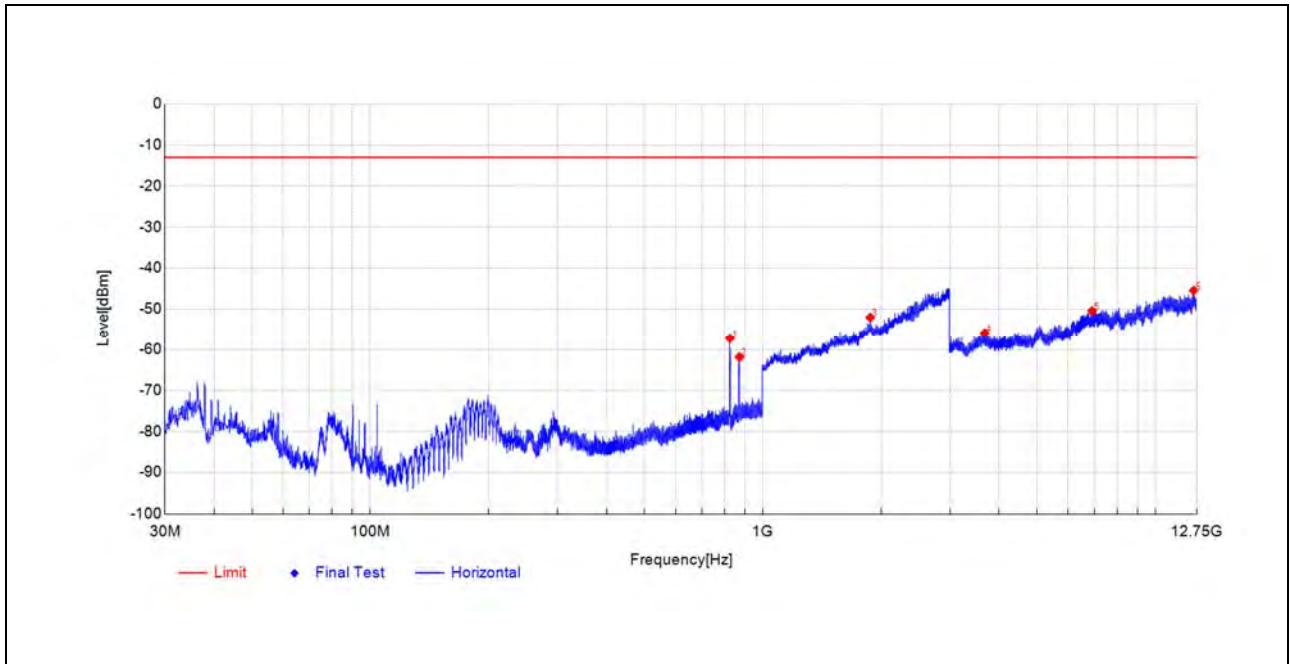


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-44.98	-68.09	-23.1	-13.0	55.1	Vertical	PK	PASS
90.4825	-43.76	-66.04	-22.3	-13.0	53.0	Vertical	PK	PASS
1909.3819	-37.41	-32.54	4.9	-	-	Vertical	PK	NA
3819.5456	-55.79	-55.09	0.7	-13.0	42.1	Vertical	PK	PASS
8992.9197	-63.83	-48.31	15.5	-13.0	35.3	Vertical	PK	PASS
17318.852	-69.03	-44.41	24.6	-13.0	31.4	Vertical	PK	PASS



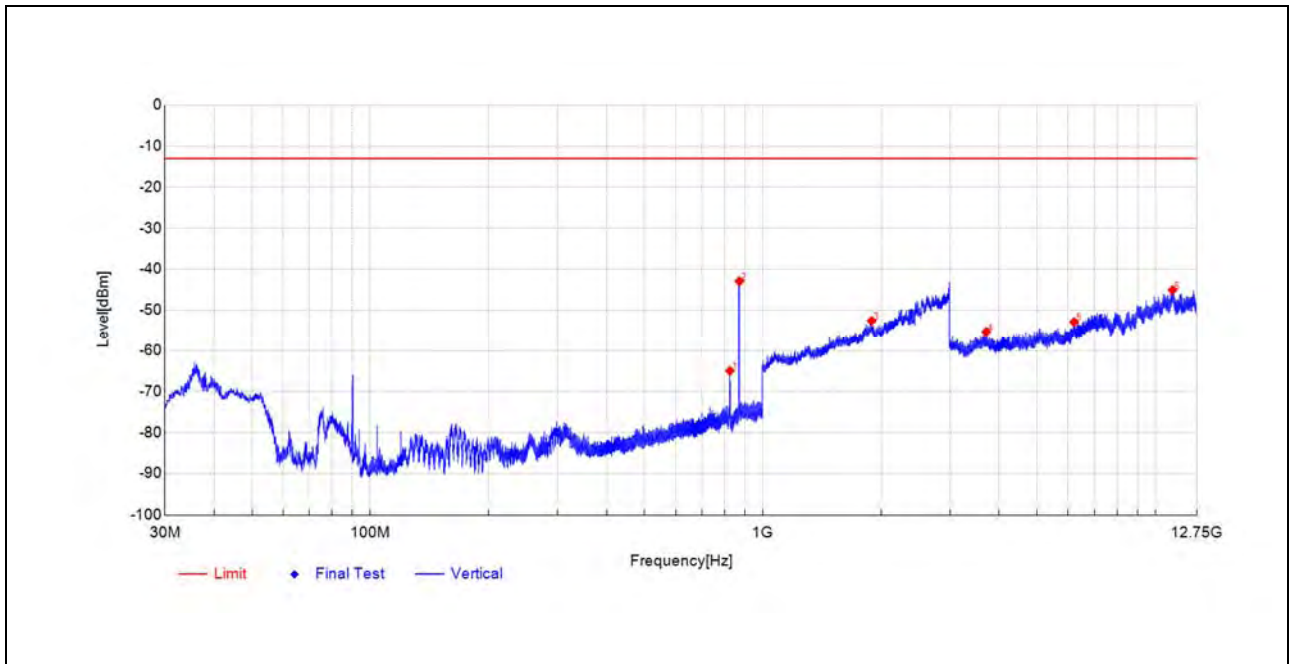
**WCDMA Band V(WCDMA)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.9062	-51.44	-57.23	-5.8	-	-	Horizontal	PK	NA
872.4871	-57.04	-61.87	-4.8	-	-	Horizontal	PK	NA
1878.1756	-58.04	-52.03	6.0	-13.0	39.0	Horizontal	PK	PASS
3675.2213	-57.68	-55.93	1.8	-13.0	42.9	Horizontal	PK	PASS
6900.6825	-61.77	-50.45	11.3	-13.0	37.5	Horizontal	PK	PASS
12523.301	-68.82	-45.44	23.4	-13.0	32.4	Horizontal	PK	PASS

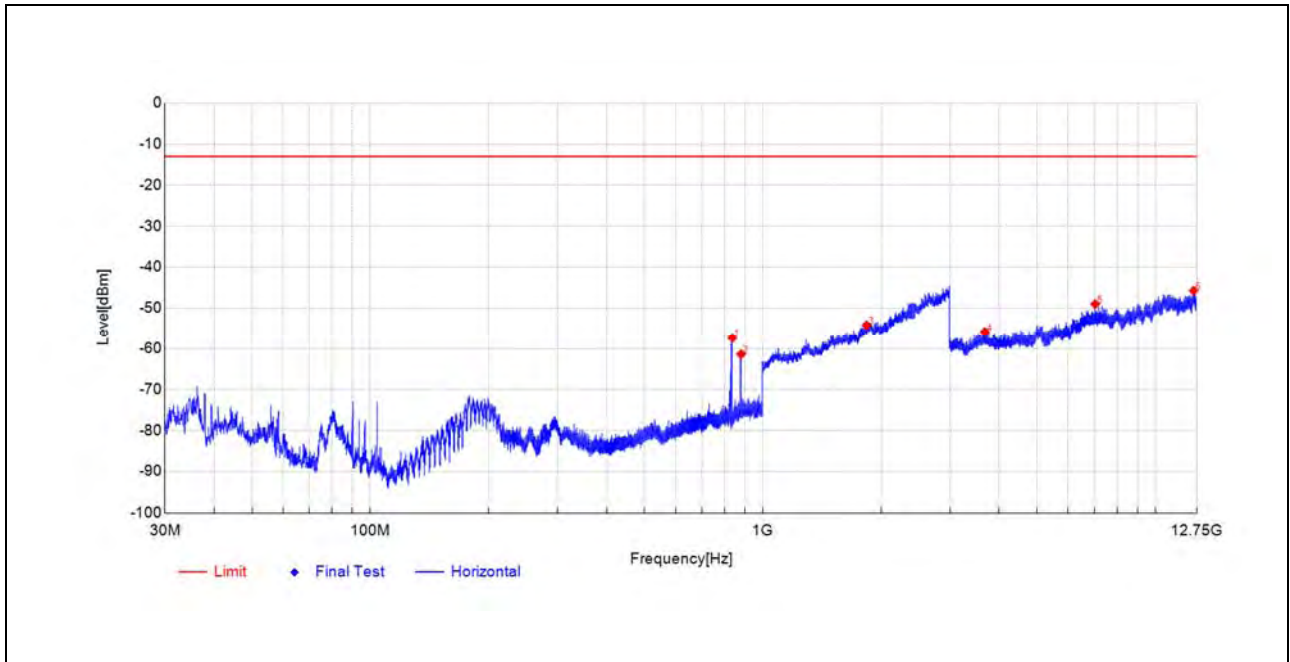




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6637	-59.07	-64.97	-5.9	-	-	Vertical	PK	NA
871.5171	-38.12	-42.90	-4.8	-	-	Vertical	PK	NA
1893.7788	-58.46	-52.57	5.9	-13.0	39.6	Vertical	PK	PASS
3708.8604	-56.96	-55.29	1.7	-13.0	42.3	Vertical	PK	PASS
6211.3231	-62.19	-52.88	9.3	-13.0	39.9	Vertical	PK	PASS
11068.040	-67.31	-45.04	22.3	-13.0	32.0	Vertical	PK	PASS

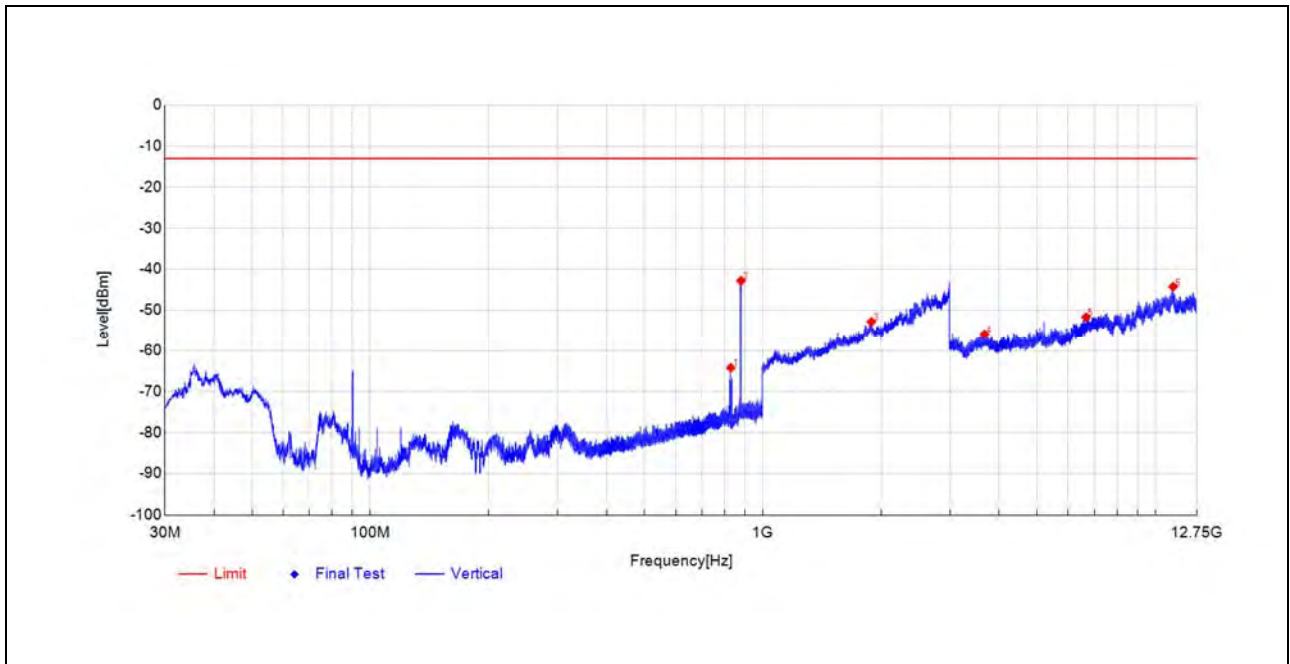


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.2558	-51.84	-57.38	-5.5	-	-	Horizontal	PK	NA
880.296	-56.66	-61.41	-4.8	-	-	Horizontal	PK	NA
1838.1676	-59.03	-54.17	4.9	-13.0	41.2	Horizontal	PK	PASS
3679.1215	-57.61	-55.85	1.8	-13.0	42.9	Horizontal	PK	PASS
7029.389	-60.75	-48.97	11.8	-13.0	36.0	Horizontal	PK	PASS
12527.688	-69.08	-45.71	23.4	-13.0	32.7	Horizontal	PK	PASS

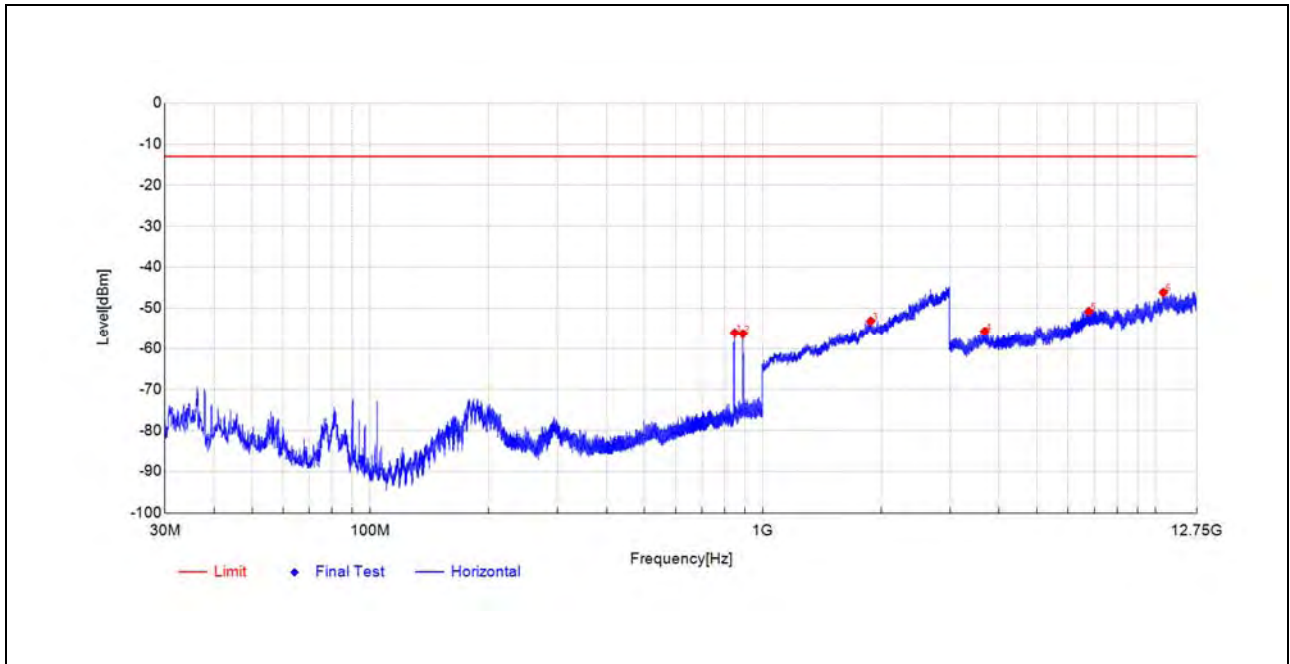




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.223	-58.24	-64.21	-6.0	-	-	Vertical	PK	NA
880.0535	-38.32	-42.80	-4.5	-	-	Vertical	PK	NA
1890.5781	-58.73	-52.83	5.9	-13.0	39.8	Vertical	PK	PASS
3670.346	-57.62	-55.93	1.7	-13.0	42.9	Vertical	PK	PASS
6661.7956	-61.85	-51.68	10.2	-13.0	38.7	Vertical	PK	PASS
11101.680	-66.63	-44.25	22.4	-13.0	31.3	Vertical	PK	PASS

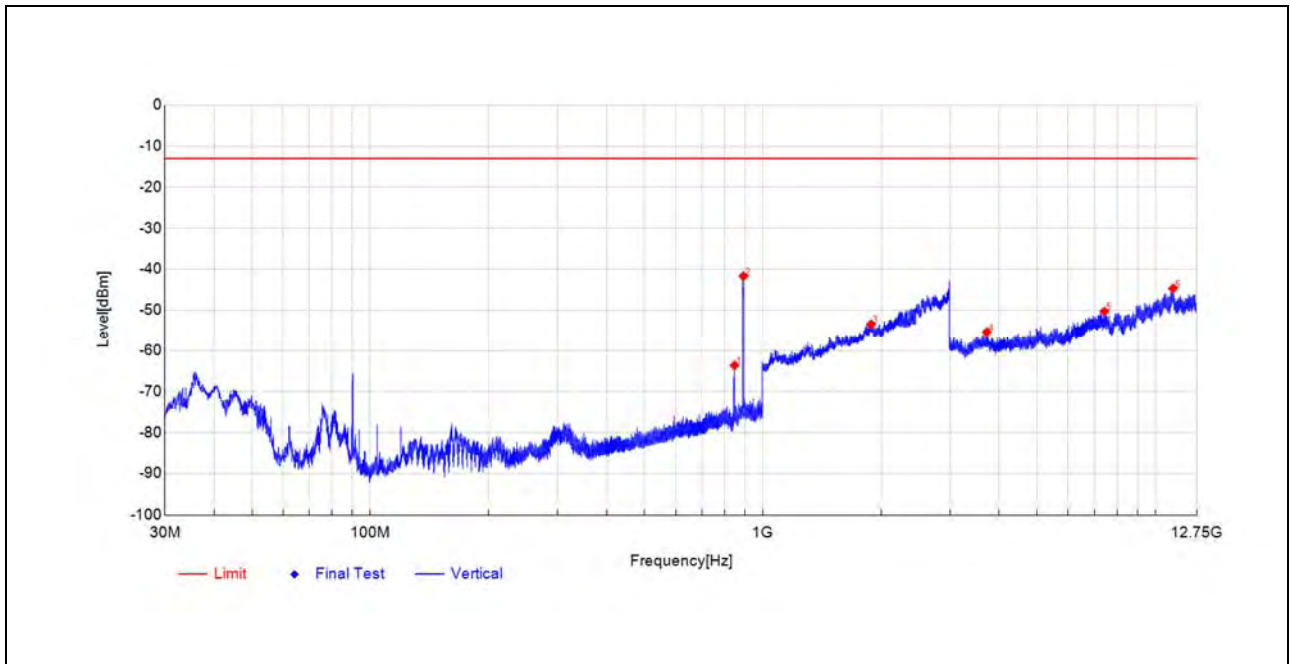


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.1389	-50.87	-56.08	-5.2	-	-	Horizontal	PK	NA
889.6085	-51.64	-56.34	-4.7	-	-	Horizontal	PK	NA
1883.3767	-59.13	-53.18	6.0	-13.0	40.2	Horizontal	PK	PASS
3675.7088	-57.46	-55.71	1.8	-13.0	42.7	Horizontal	PK	PASS
6773.4387	-62.47	-50.78	11.7	-13.0	37.8	Horizontal	PK	PASS
10484.474	-65.94	-46.15	19.8	-13.0	33.2	Horizontal	PK	PASS



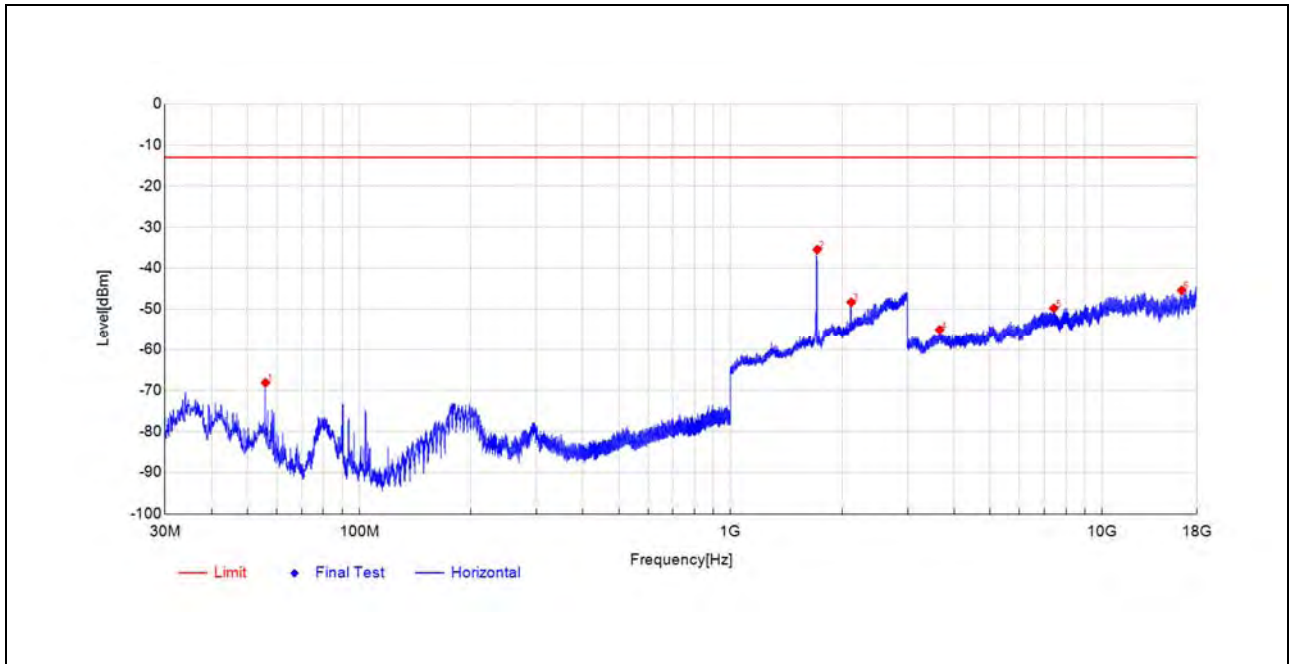


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
847.5569	-58.08	-63.64	-5.6	-	-	Vertical	PK	NA
892.6641	-37.25	-41.68	-4.4	-	-	Vertical	PK	NA
1887.3775	-59.31	-53.42	5.9	-13.0	40.4	Vertical	PK	PASS
3722.9986	-56.87	-55.36	1.5	-13.0	42.4	Vertical	PK	PASS
7417.9459	-62.04	-50.28	11.8	-13.0	37.3	Vertical	PK	PASS
11095.342	-67.07	-44.68	22.4	-13.0	31.7	Vertical	PK	PASS



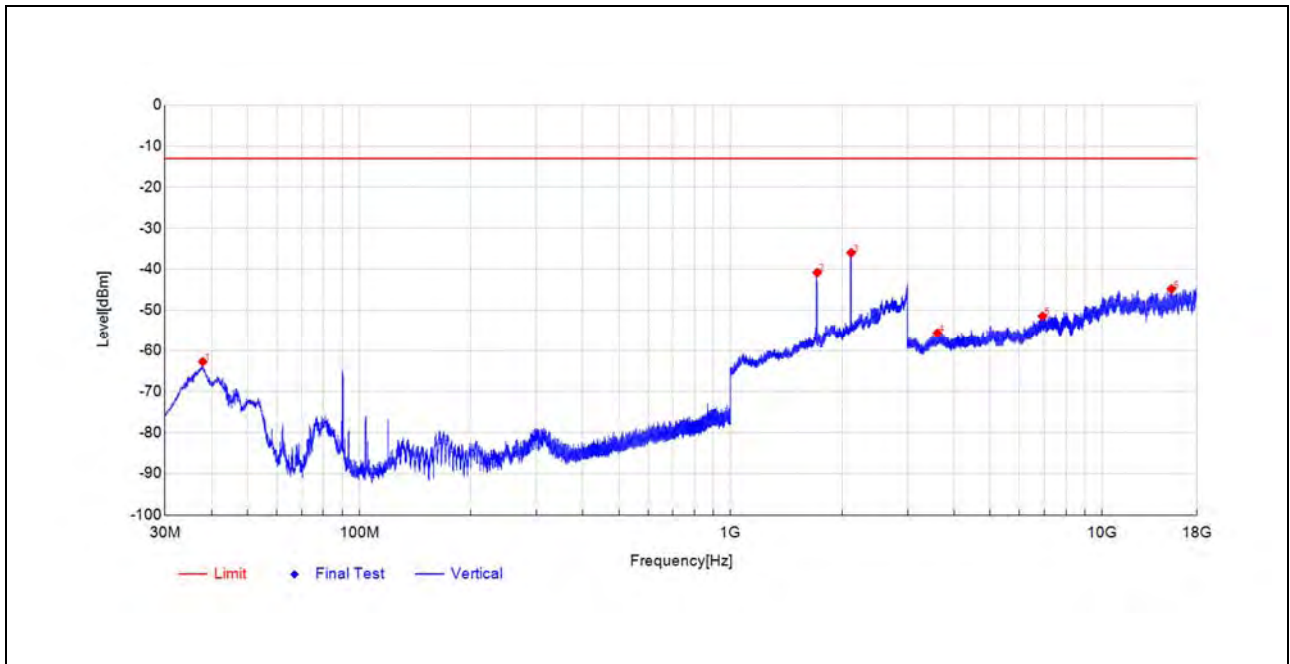
WCDMA Band IV(WCDMA)

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
55.9488	-52.33	-68.14	-15.8	-13.0	55.1	Horizontal	PK	PASS
1711.3423	-38.80	-35.47	3.3	-	-	Horizontal	PK	NA
2113.0226	-54.12	-48.33	5.8	-	-	Horizontal	PK	NA
3655.3793	-56.78	-55.06	1.7	-13.0	42.1	Horizontal	PK	PASS
7416.0566	-62.07	-49.78	12.3	-13.0	36.8	Horizontal	PK	PASS
16394.815	-71.09	-45.40	25.7	-13.0	32.4	Horizontal	PK	PASS

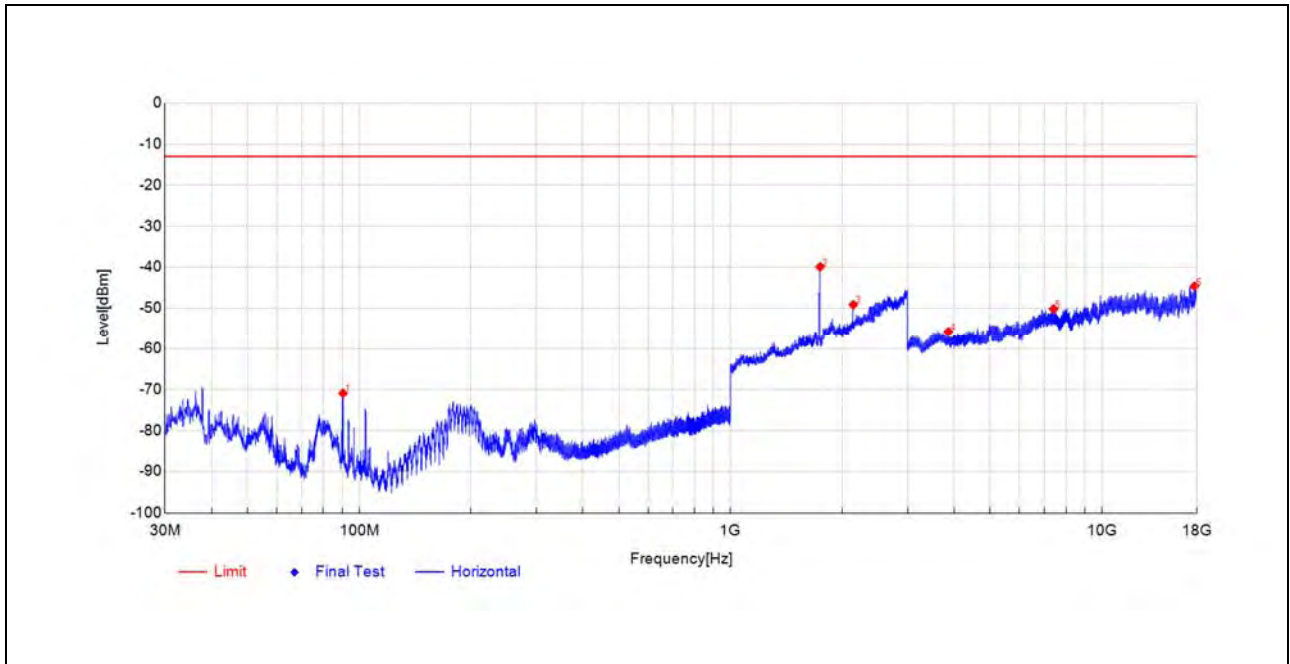




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-40.17	-62.76	-22.6	-13.0	49.8	Vertical	PK	PASS
1711.3423	-44.29	-40.81	3.5	-	-	Vertical	PK	NA
2112.2224	-41.55	-35.96	5.6	-	-	Vertical	PK	NA
3606.5152	-57.12	-55.60	1.5	-13.0	42.6	Vertical	PK	PASS
6916.8367	-62.30	-51.42	10.9	-13.0	38.4	Vertical	PK	PASS
15384.375	-70.19	-44.82	25.4	-13.0	31.8	Vertical	PK	PASS

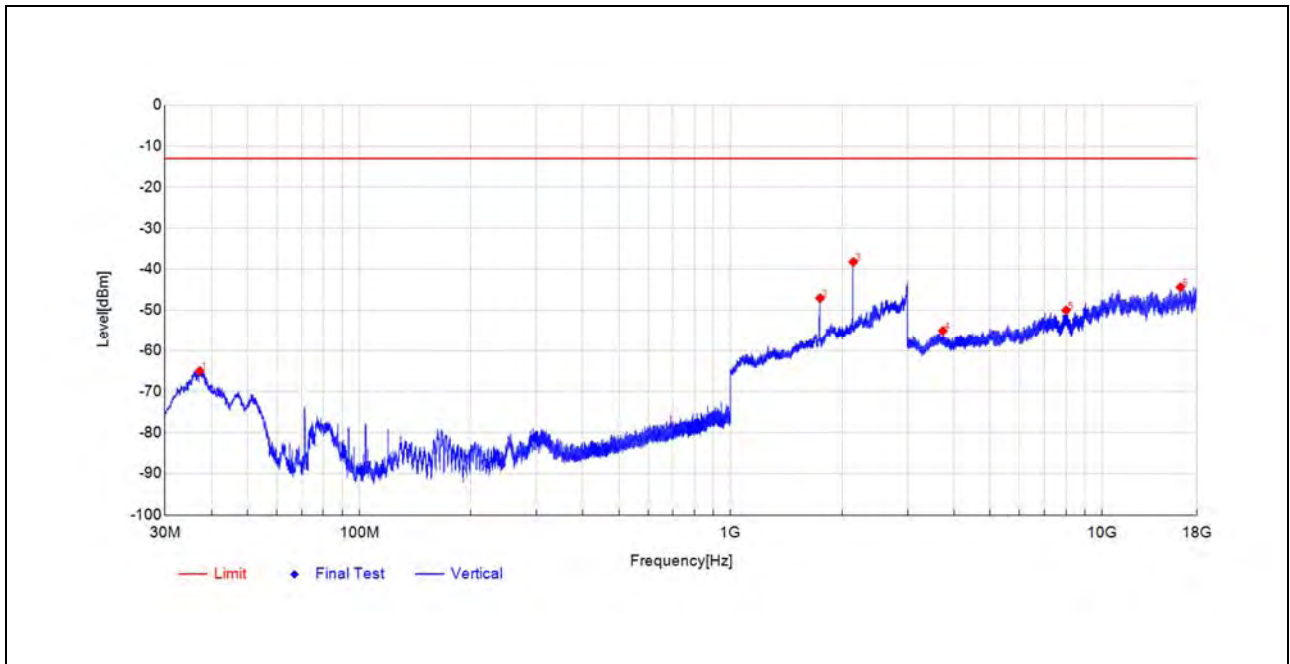


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-47.61	-70.96	-23.4	-13.0	58.0	Horizontal	PK	PASS
1741.3483	-42.89	-39.91	3.0	-	-	Horizontal	PK	NA
2141.0282	-55.15	-49.13	6.0	-	-	Horizontal	PK	NA
3858.9799	-56.88	-55.79	1.1	-13.0	42.8	Horizontal	PK	PASS
7411.7365	-62.44	-50.16	12.3	-13.0	37.2	Horizontal	PK	PASS
17744.149	-69.27	-44.62	24.7	-13.0	31.6	Horizontal	PK	PASS

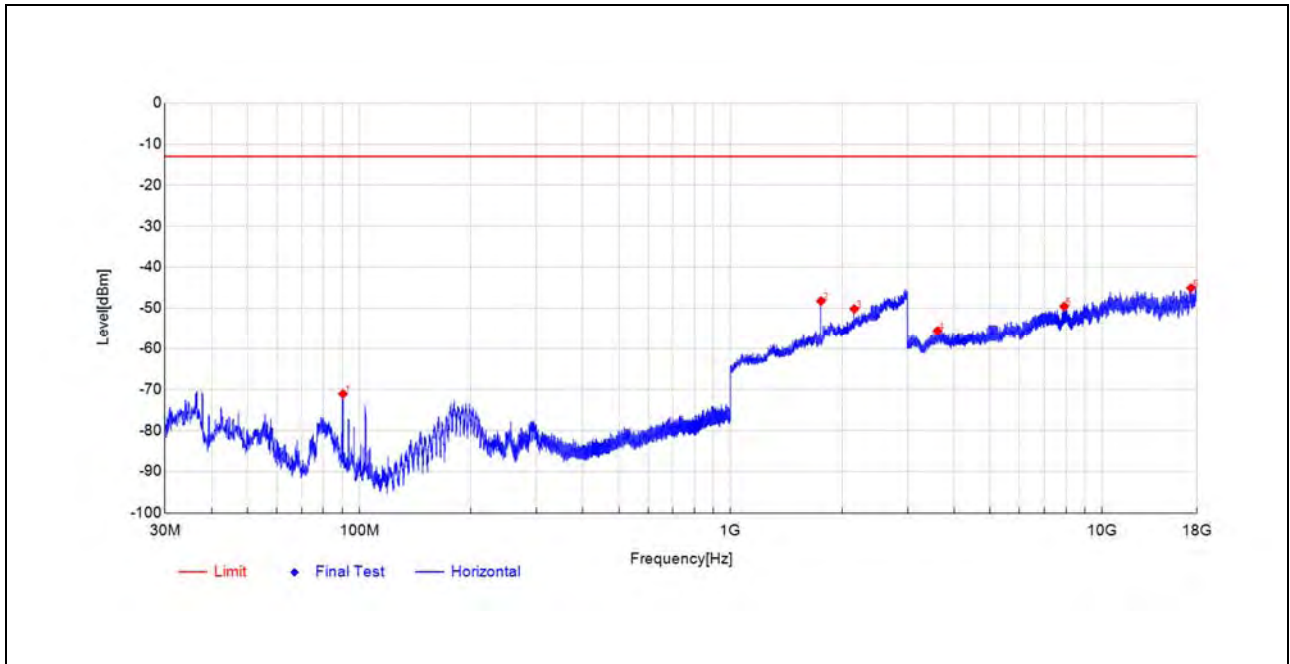




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.1784	-42.18	-65.02	-22.8	-13.0	52.0	Vertical	PK	PASS
1741.3483	-50.46	-47.03	3.4	-	-	Vertical	PK	NA
2140.228	-44.08	-38.20	5.9	-	-	Vertical	PK	NA
3729.5328	-56.47	-55.04	1.4	-13.0	42.0	Vertical	PK	PASS
8007.9203	-62.98	-49.99	13.0	-13.0	37.0	Vertical	PK	PASS
16274.811	-70.57	-44.35	26.2	-13.0	31.4	Vertical	PK	PASS

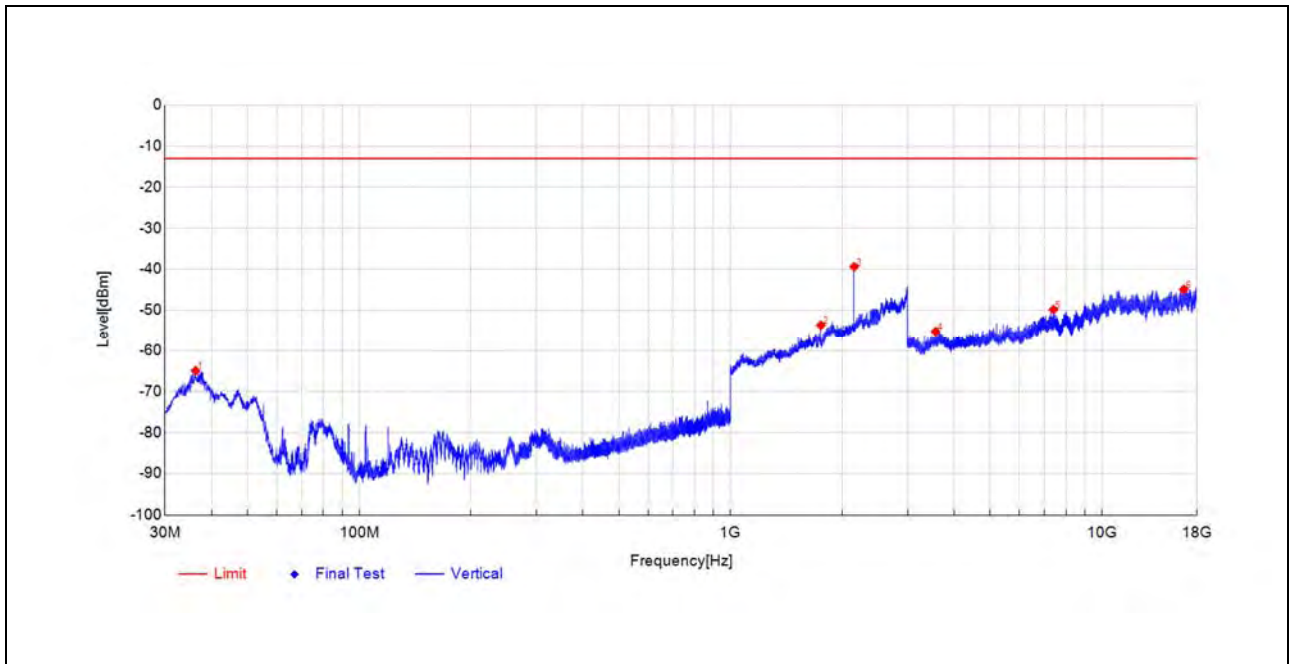


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-47.74	-71.09	-23.4	-13.0	58.1	Horizontal	PK	PASS
1751.3503	-51.15	-48.23	2.9	-	-	Horizontal	PK	NA
2153.8308	-56.18	-50.16	6.0	-	-	Horizontal	PK	NA
3609.5156	-57.24	-55.58	1.7	-13.0	42.6	Horizontal	PK	PASS
7910.9564	-62.54	-49.54	13.0	-13.0	36.5	Horizontal	PK	PASS
17375.975	-69.68	-45.06	24.6	-13.0	32.1	Horizontal	PK	PASS



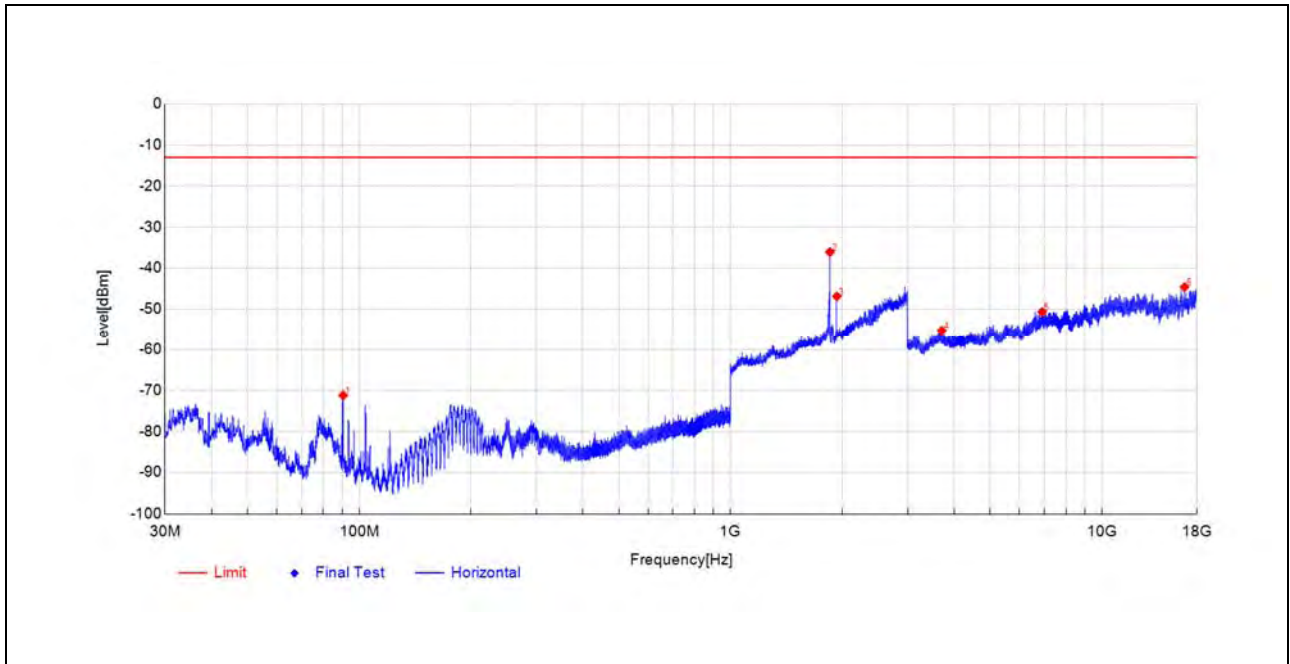


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.2568	-41.81	-64.96	-23.2	-13.0	52.0	Vertical	PK	PASS
1751.3503	-57.13	-53.66	3.5	-	-	Vertical	PK	NA
2153.4307	-45.05	-39.36	5.7	-	-	Vertical	PK	NA
3565.7951	-56.63	-55.20	1.4	-13.0	42.2	Vertical	PK	PASS
7405.4962	-61.31	-49.81	11.5	-13.0	36.8	Vertical	PK	PASS
16610.344	-70.79	-44.90	25.9	-13.0	31.9	Vertical	PK	PASS



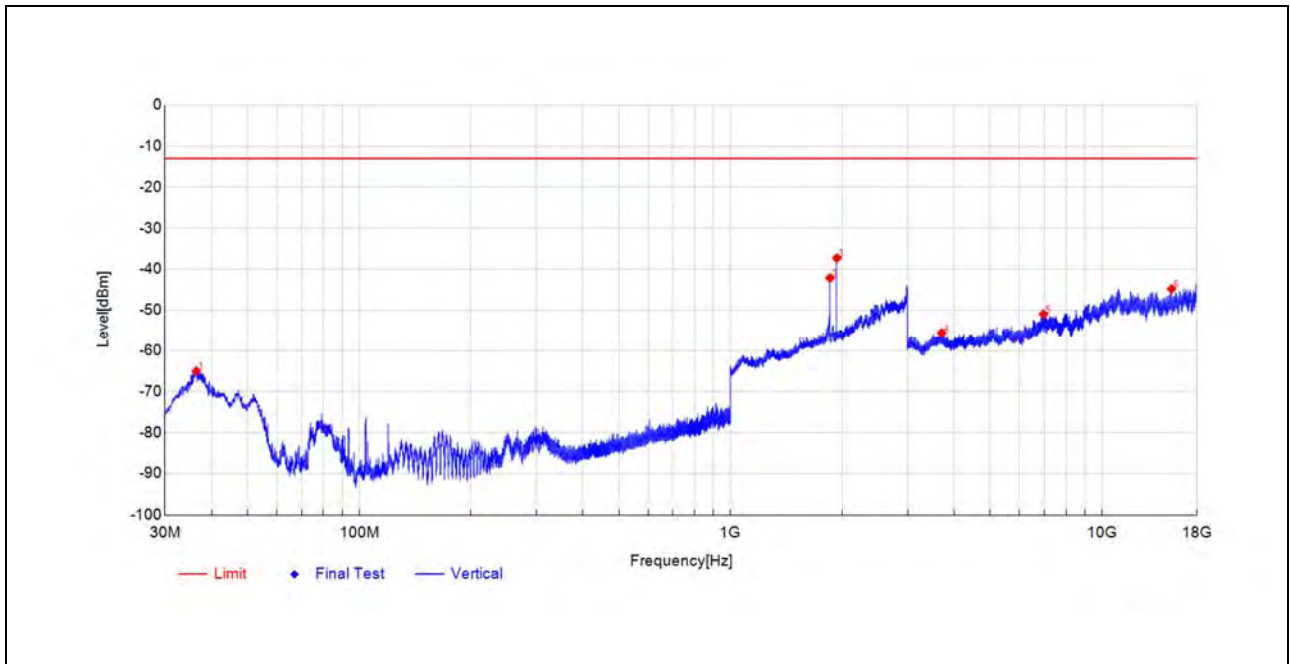
**WCDMA Band II(WCDMA)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-47.86	-71.22	-23.4	-13.0	58.2	Horizontal	PK	PASS
1851.7704	-40.37	-36.07	4.3	-	-	Horizontal	PK	NA
1932.9866	-50.82	-46.85	4.0	-	-	Horizontal	PK	NA
3706.3866	-56.94	-55.23	1.7	-13.0	42.2	Horizontal	PK	PASS
6905.3162	-62.22	-50.66	11.6	-13.0	37.7	Horizontal	PK	PASS
16693.387	-69.65	-44.59	25.1	-13.0	31.6	Horizontal	PK	PASS

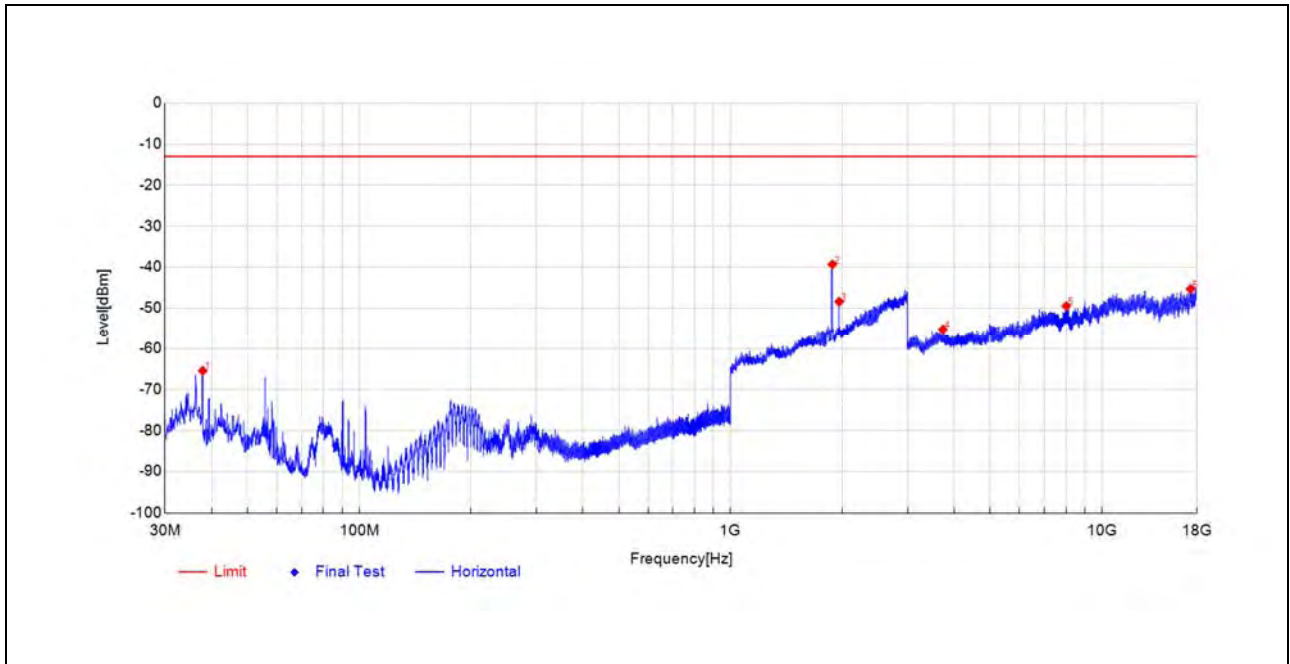




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.4023	-41.95	-65.04	-23.1	-13.0	52.0	Vertical	PK	PASS
1852.1704	-46.41	-42.13	4.3	-	-	Vertical	PK	NA
1933.3867	-41.15	-37.27	3.9	-	-	Vertical	PK	NA
3703.3862	-57.28	-55.55	1.7	-13.0	42.6	Vertical	PK	PASS
6961.4785	-61.97	-50.97	11.0	-13.0	38.0	Vertical	PK	PASS
15403.096	-70.41	-44.81	25.6	-13.0	31.8	Vertical	PK	PASS

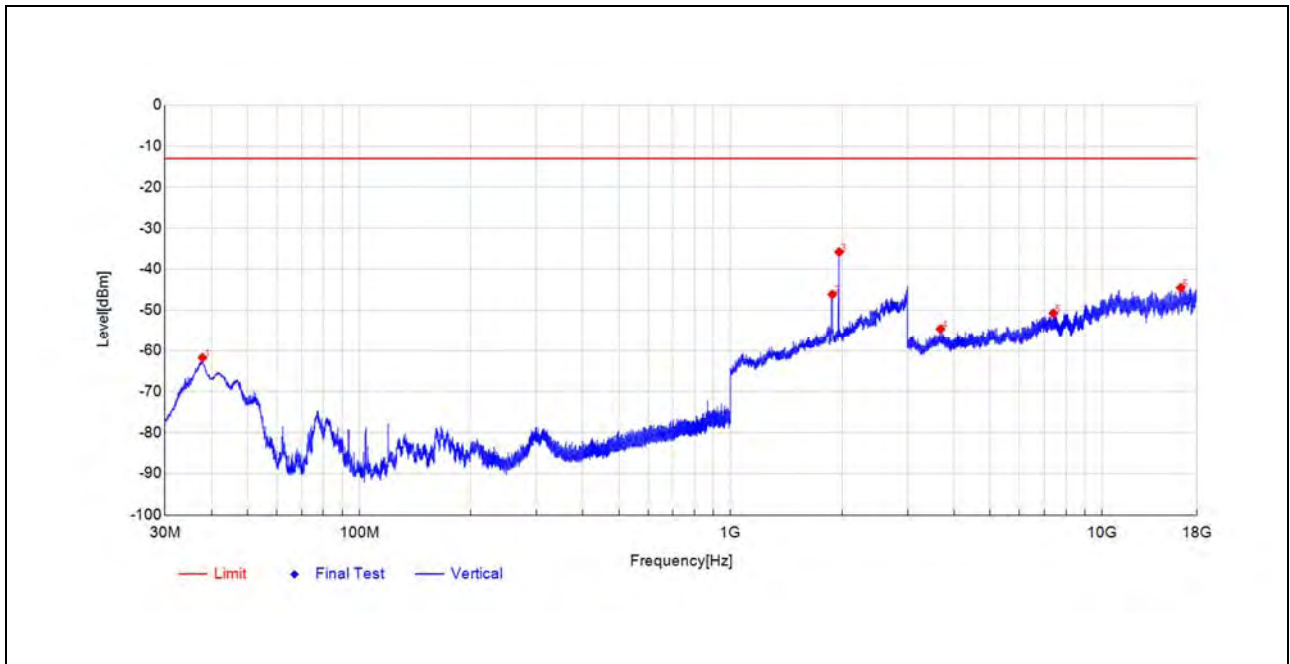


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-50.19	-65.46	-15.3	-13.0	52.5	Horizontal	PK	PASS
1878.5757	-44.56	-39.33	5.2	-	-	Horizontal	PK	NA
1960.9922	-52.90	-48.39	4.5	-	-	Horizontal	PK	NA
3730.8187	-56.68	-55.21	1.5	-13.0	42.2	Horizontal	PK	PASS
8016.0806	-62.83	-49.45	13.4	-13.0	36.5	Horizontal	PK	PASS
17322.212	-69.49	-45.31	24.2	-13.0	32.3	Horizontal	PK	PASS

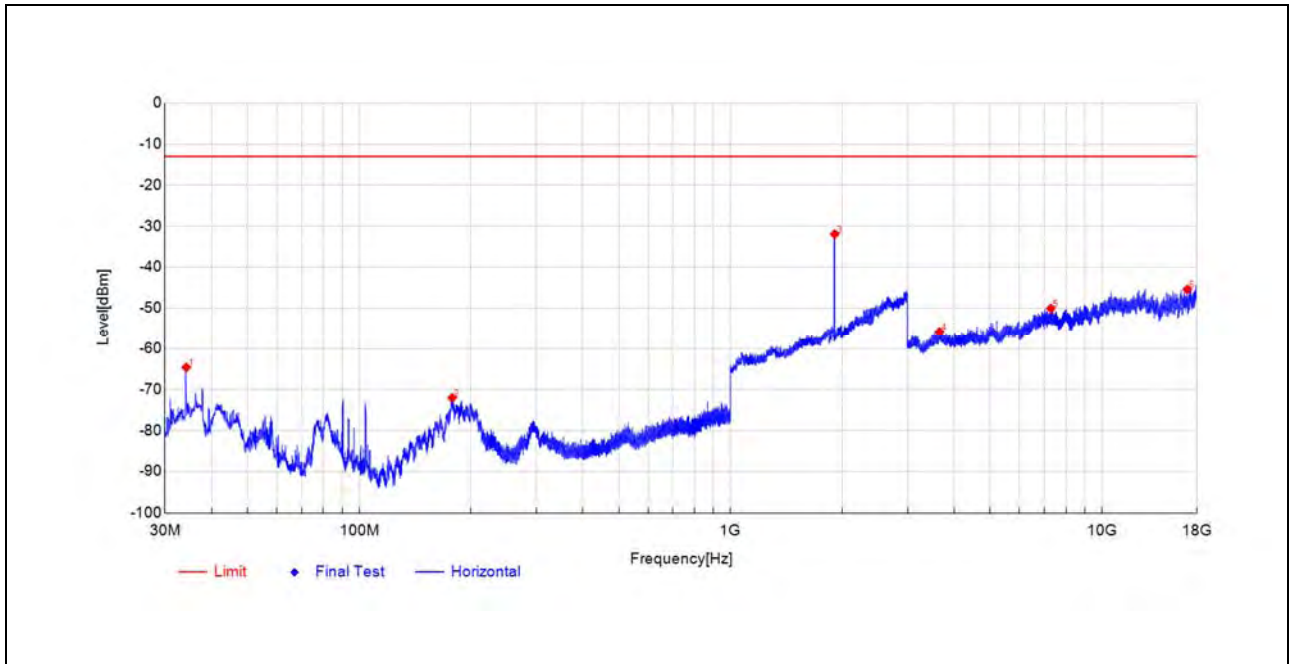




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.8574	-39.15	-61.76	-22.6	-13.0	48.8	Vertical	PK	PASS
1878.5757	-51.19	-46.13	5.1	-	-	Vertical	PK	NA
1960.9922	-40.01	-35.78	4.2	-	-	Vertical	PK	NA
3676.3823	-56.31	-54.60	1.7	-13.0	41.6	Vertical	PK	PASS
7400.216	-62.22	-50.74	11.5	-13.0	37.7	Vertical	PK	PASS
16301.212	-70.66	-44.50	26.2	-13.0	31.5	Vertical	PK	PASS

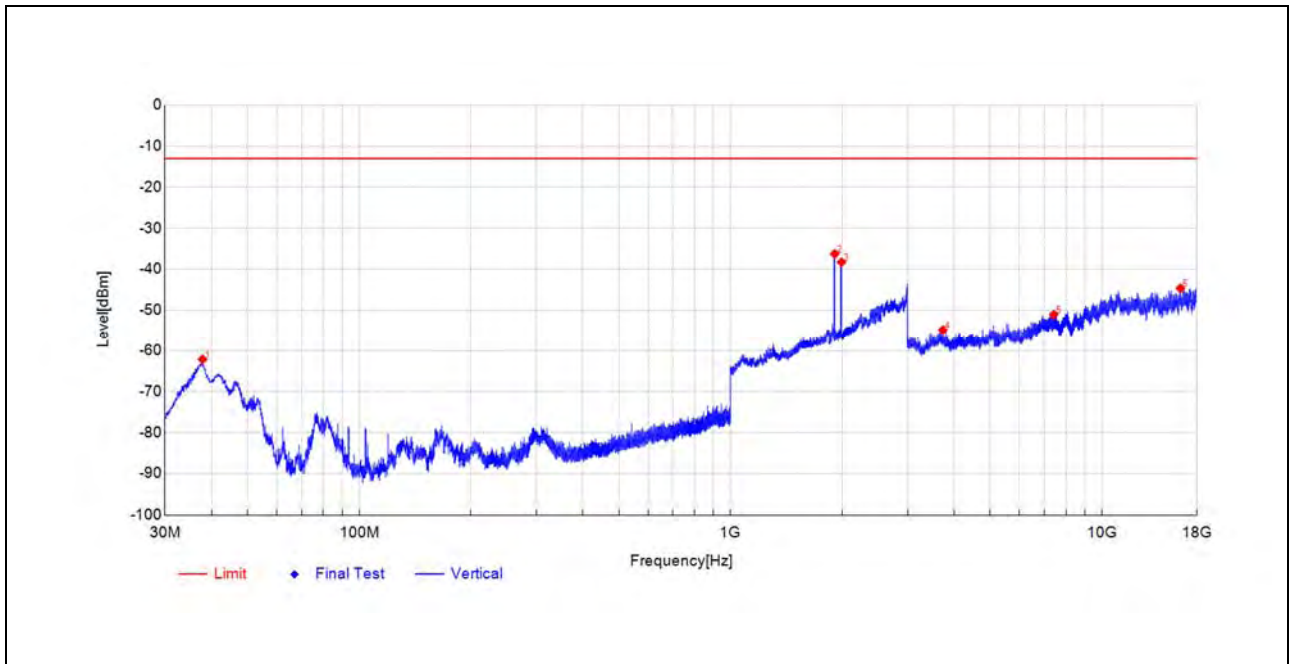


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.2197	-49.40	-64.63	-15.2	-13.0	51.6	Horizontal	PK	PASS
177.9809	-50.44	-72.07	-21.6	-13.0	59.1	Horizontal	PK	PASS
1906.9814	-36.19	-31.91	4.3	-	-	Horizontal	PK	NA
3653.2362	-57.52	-55.80	1.7	-13.0	42.8	Horizontal	PK	PASS
7286.4515	-62.47	-50.01	12.5	-13.0	37.0	Horizontal	PK	PASS
16981.879	-70.32	-45.39	24.9	-13.0	32.4	Horizontal	PK	PASS



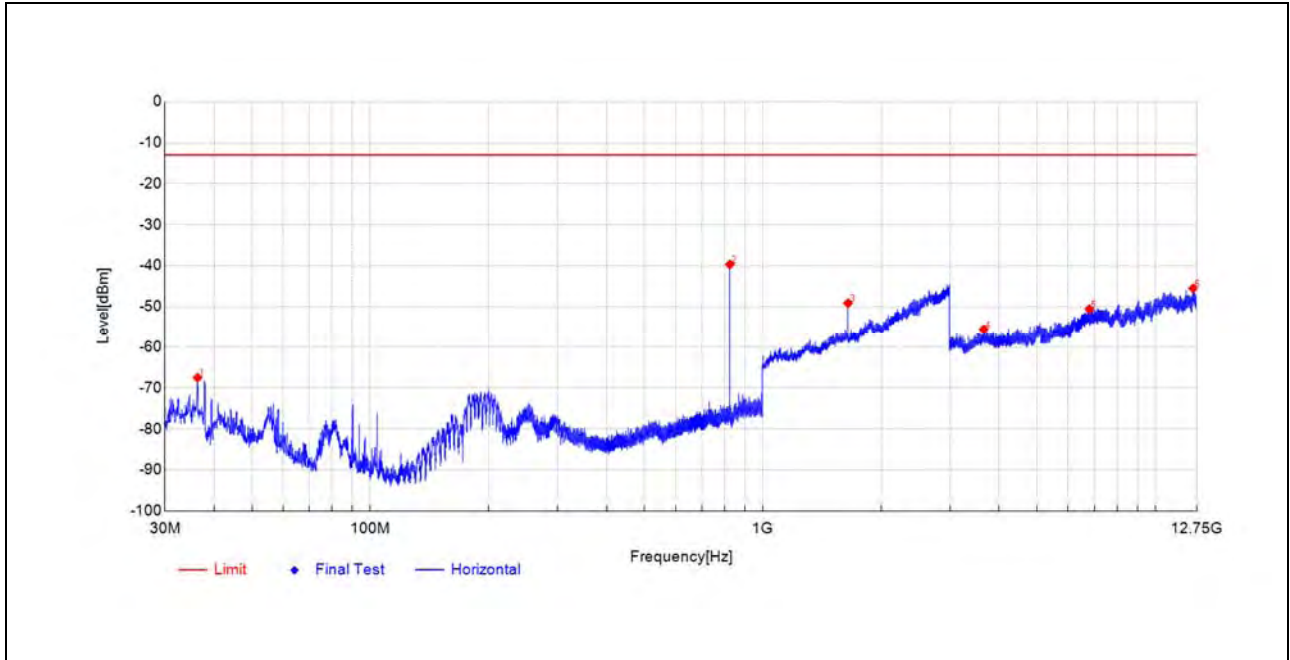


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.8574	-39.57	-62.18	-22.6	-13.0	49.2	Vertical	PK	PASS
1906.9814	-41.23	-36.24	5.0	-	-	Vertical	PK	NA
1988.9978	-42.71	-38.27	4.4	-	-	Vertical	PK	NA
3729.9614	-56.25	-54.82	1.4	-13.0	41.8	Vertical	PK	PASS
7418.9368	-62.62	-51.05	11.6	-13.0	38.1	Vertical	PK	PASS
16269.050	-70.85	-44.61	26.2	-13.0	31.6	Vertical	PK	PASS



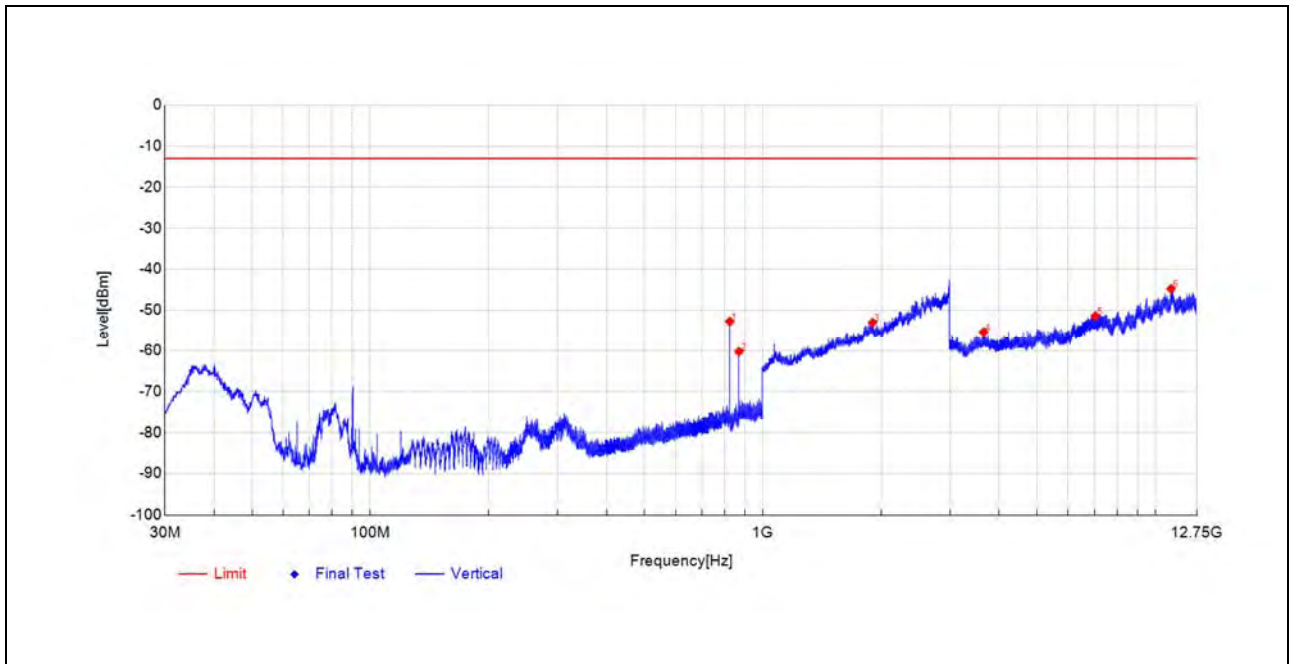
**ANT0****GSM850(GSM)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-52.31	-67.52	-15.2	-13.0	54.5	Horizontal	PK	PASS
824.1302	-33.87	-39.67	-5.8	-	-	Horizontal	PK	NA
1648.1296	-51.77	-49.12	2.7	-13.0	36.1	Horizontal	PK	PASS
3654.2577	-57.27	-55.55	1.7	-13.0	42.6	Horizontal	PK	PASS
6790.0145	-62.30	-50.55	11.8	-13.0	37.6	Horizontal	PK	PASS
12487.224	-68.65	-45.51	23.1	-13.0	32.5	Horizontal	PK	PASS

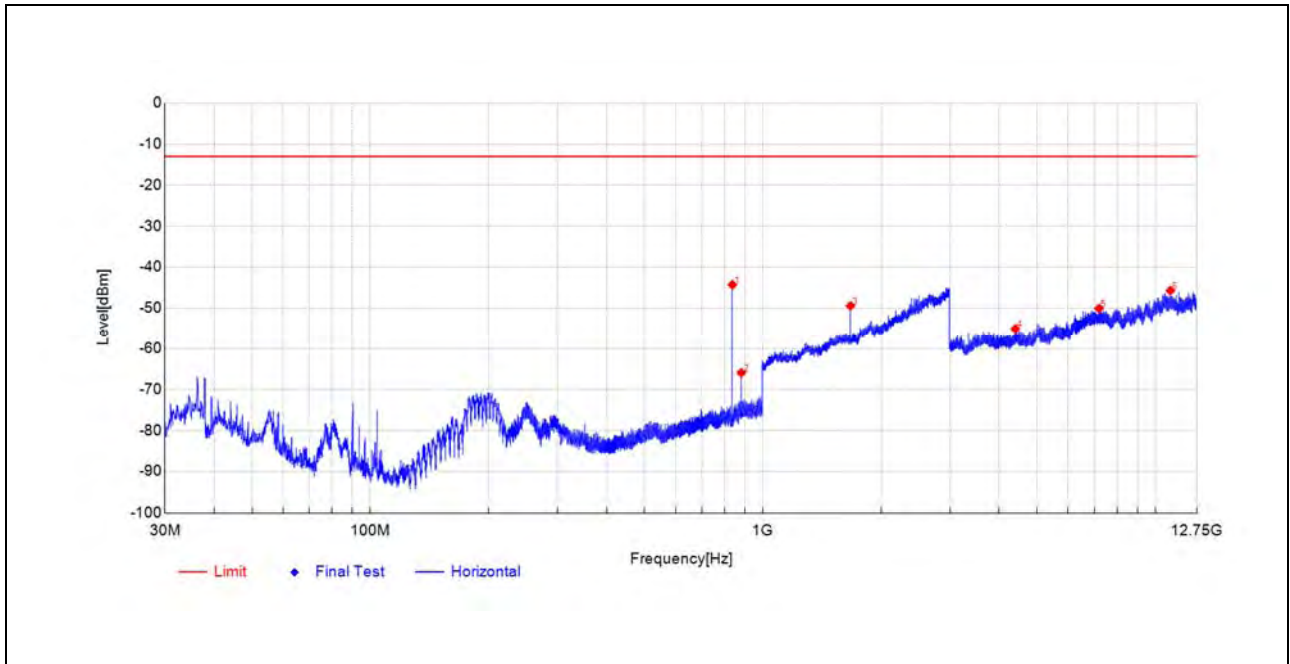




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.2272	-46.84	-52.73	-5.9	-	-	Vertical	PK	NA
869.1405	-55.42	-60.29	-4.9	-	-	Vertical	PK	NA
1904.1808	-58.89	-53.00	5.9	-13.0	40.0	Vertical	PK	PASS
3654.2577	-57.00	-55.35	1.7	-13.0	42.4	Vertical	PK	PASS
7034.2642	-62.52	-51.37	11.2	-13.0	38.4	Vertical	PK	PASS
10968.098	-66.34	-44.78	21.6	-13.0	31.8	Vertical	PK	PASS

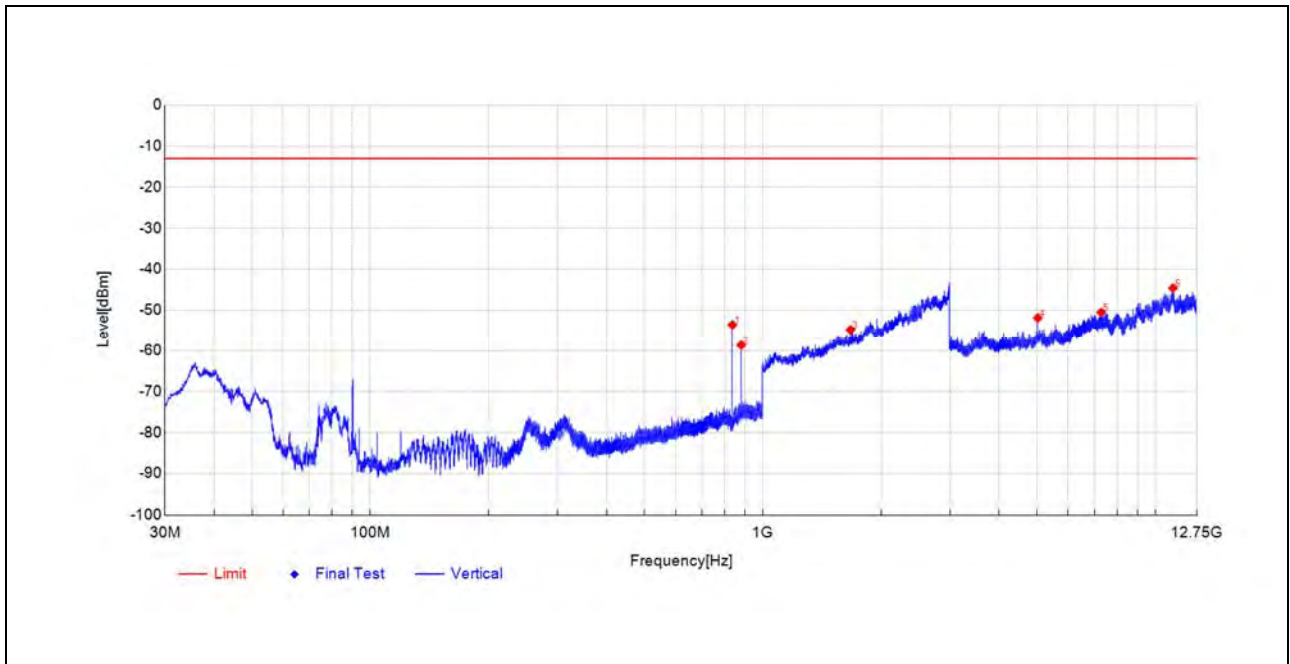


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-38.73	-44.26	-5.5	-	-	Horizontal	PK	NA
881.4116	-61.21	-65.95	-4.7	-	-	Horizontal	PK	NA
1672.9346	-51.91	-49.41	2.5	-13.0	36.4	Horizontal	PK	PASS
4400.17	-58.16	-55.05	3.1	-13.0	42.1	Horizontal	PK	PASS
7185.8843	-62.09	-50.04	12.1	-13.0	37.0	Horizontal	PK	PASS
10925.683	-66.65	-45.68	21.0	-13.0	32.7	Horizontal	PK	PASS

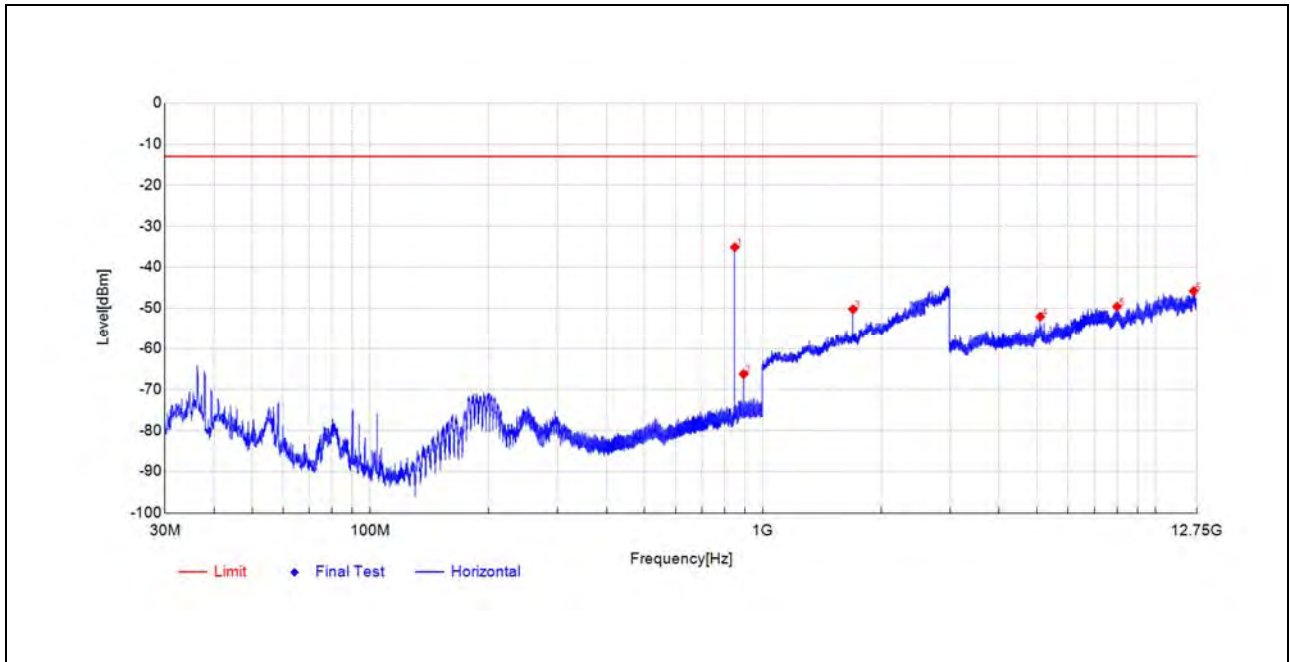




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-47.75	-53.58	-5.8	-	-	Vertical	PK	NA
881.3631	-54.20	-58.67	-4.5	-	-	Vertical	PK	NA
1673.3347	-57.56	-54.79	2.8	-13.0	41.8	Vertical	PK	PASS
5018.3509	-57.38	-51.86	5.5	-13.0	38.9	Vertical	PK	PASS
7279.0014	-62.47	-50.50	12.0	-13.0	37.5	Vertical	PK	PASS
11091.442	-66.95	-44.57	22.4	-13.0	31.6	Vertical	PK	PASS

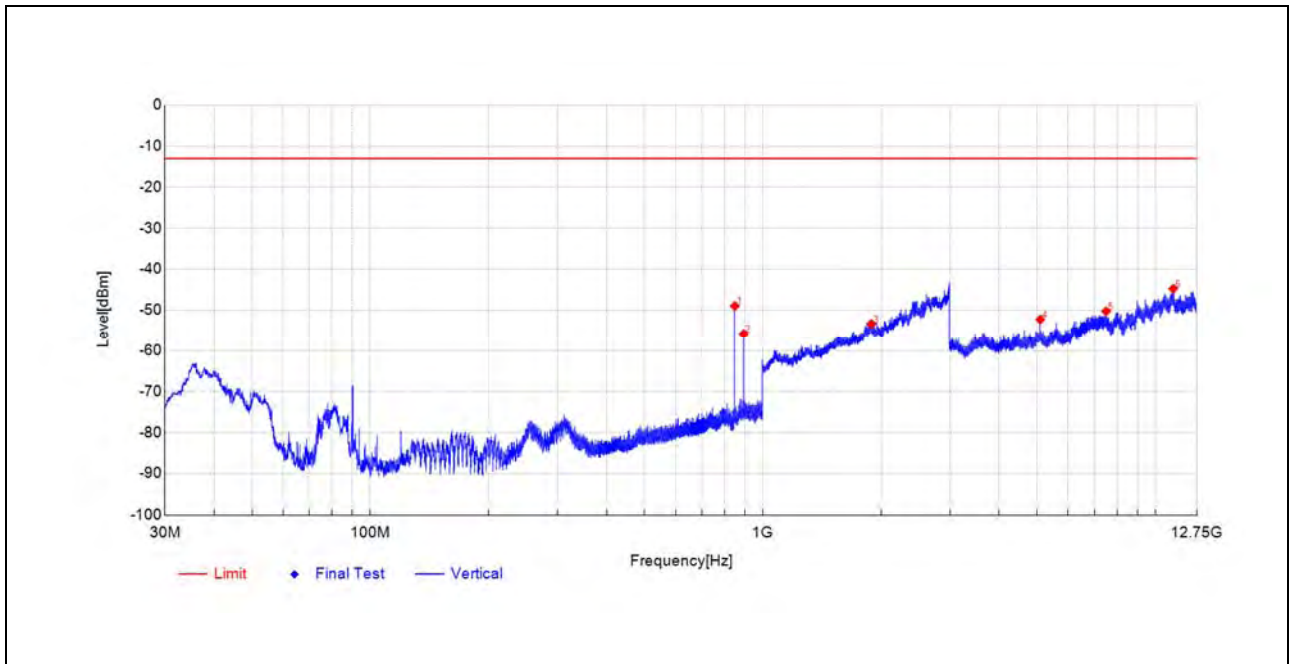


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-29.91	-35.10	-5.2	-	-	Horizontal	PK	NA
893.6827	-61.59	-66.26	-4.7	-	-	Horizontal	PK	NA
1697.7395	-53.16	-50.23	2.9	-13.0	37.2	Horizontal	PK	PASS
5091.9671	-58.13	-52.06	6.1	-13.0	39.1	Horizontal	PK	PASS
7991.7621	-62.97	-49.60	13.4	-13.0	36.6	Horizontal	PK	PASS
12525.251	-69.18	-45.80	23.4	-13.0	32.8	Horizontal	PK	PASS



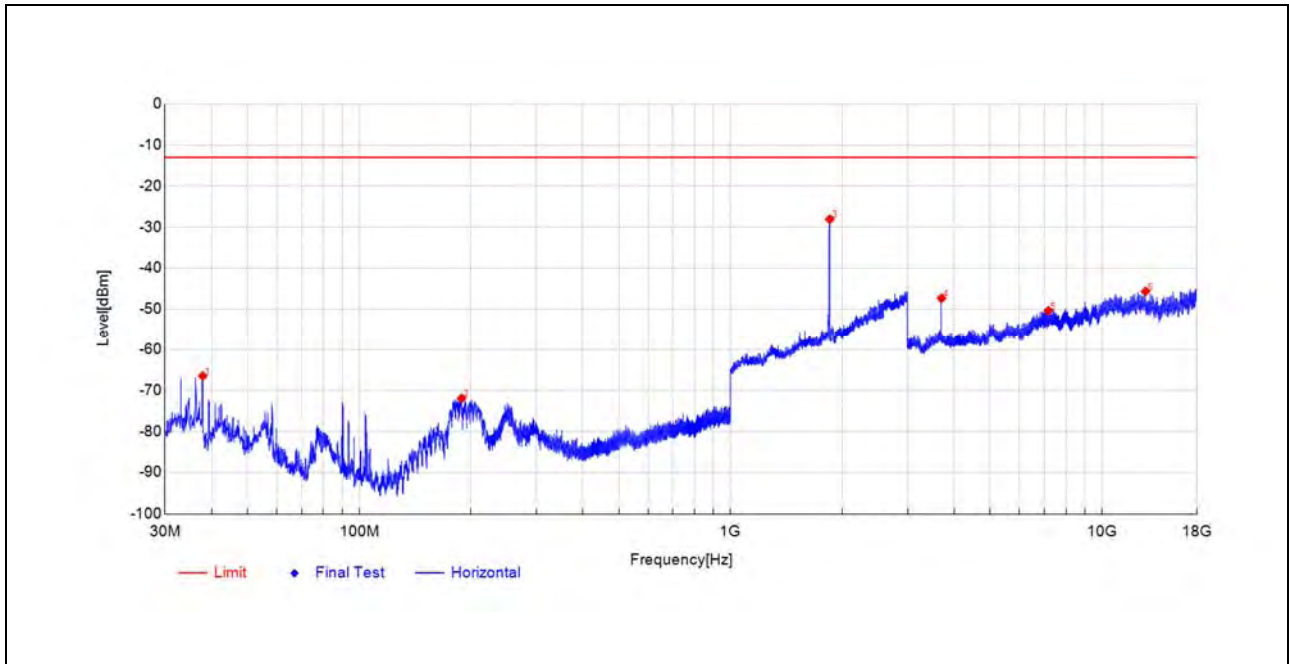


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8664	-43.42	-48.94	-5.5	-	-	Vertical	PK	NA
893.7312	-51.40	-55.83	-4.4	-	-	Vertical	PK	NA
1889.778	-59.22	-53.32	5.9	-13.0	40.3	Vertical	PK	PASS
5092.9421	-57.72	-52.25	5.5	-13.0	39.3	Vertical	PK	PASS
7491.0746	-62.24	-50.23	12.0	-13.0	37.2	Vertical	PK	PASS
11105.092	-67.07	-44.74	22.3	-13.0	31.7	Vertical	PK	PASS



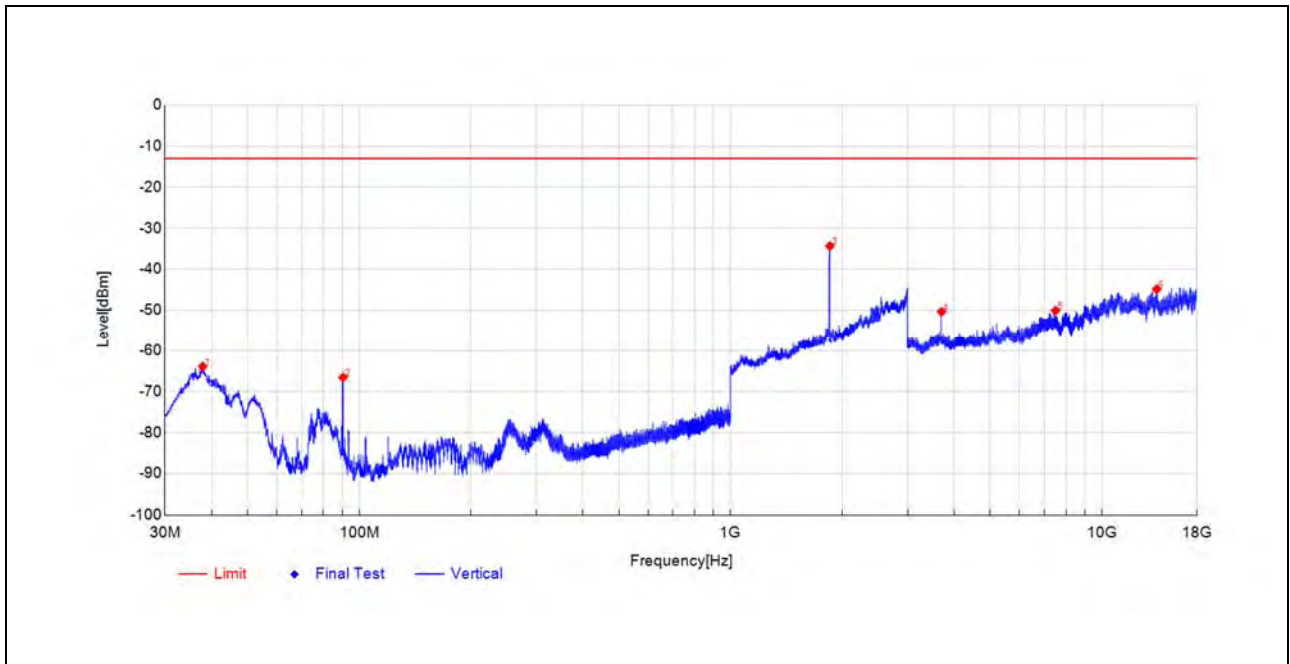
**GSM1900(GSM)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-51.23	-66.50	-15.3	-13.0	53.5	Horizontal	PK	PASS
188.6514	-52.18	-71.98	-19.8	-13.0	59.0	Horizontal	PK	PASS
1850.17	-32.34	-28.06	4.3	-	-	Horizontal	PK	NA
3700.3858	-49.10	-47.32	1.8	-13.0	34.3	Horizontal	PK	PASS
7172.6869	-62.29	-50.35	11.9	-13.0	37.4	Horizontal	PK	PASS
13102.844	-69.78	-45.65	24.1	-13.0	32.7	Horizontal	PK	PASS

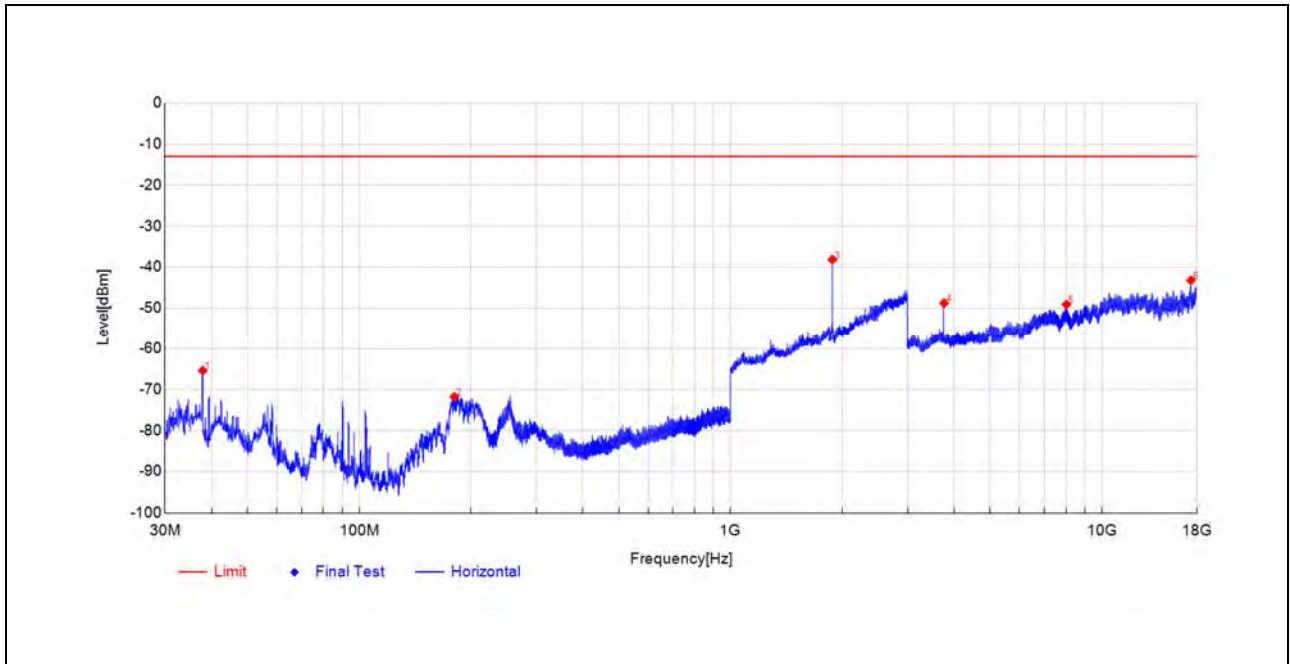




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-41.33	-63.92	-22.6	-13.0	50.9	Vertical	PK	PASS
90.4825	-44.34	-66.62	-22.3	-13.0	53.6	Vertical	PK	PASS
1850.5701	-38.65	-34.34	4.3	-	-	Vertical	PK	NA
3700.3858	-52.11	-50.34	1.8	-13.0	37.3	Vertical	PK	PASS
7499.58	-62.00	-50.04	12.0	-13.0	37.0	Vertical	PK	PASS
14047.041	-69.63	-44.86	24.8	-13.0	31.9	Vertical	PK	PASS

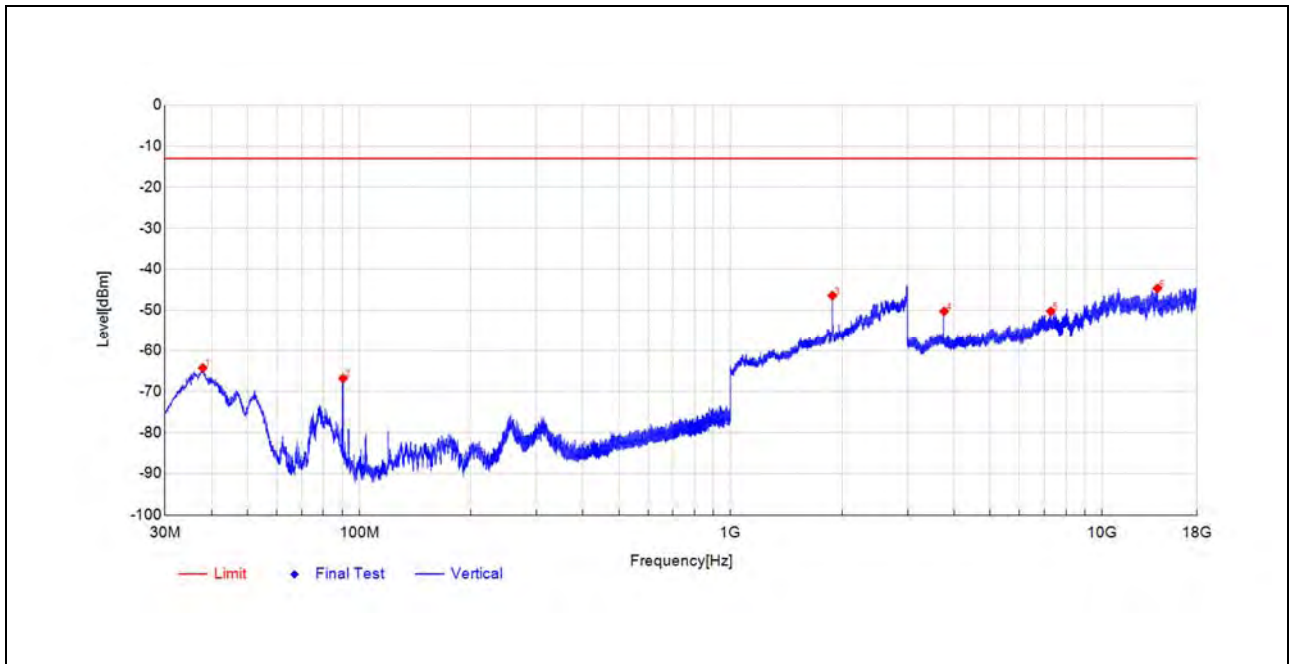


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-50.14	-65.41	-15.3	-13.0	52.4	Horizontal	PK	PASS
180.406	-50.57	-71.80	-21.2	-13.0	58.8	Horizontal	PK	PASS
1880.176	-43.40	-38.12	5.3	-	-	Horizontal	PK	NA
3759.9657	-49.91	-48.73	1.2	-13.0	35.7	Horizontal	PK	PASS
8024.241	-62.49	-49.09	13.4	-13.0	36.1	Horizontal	PK	PASS
17378.855	-67.84	-43.20	24.6	-13.0	30.2	Horizontal	PK	PASS

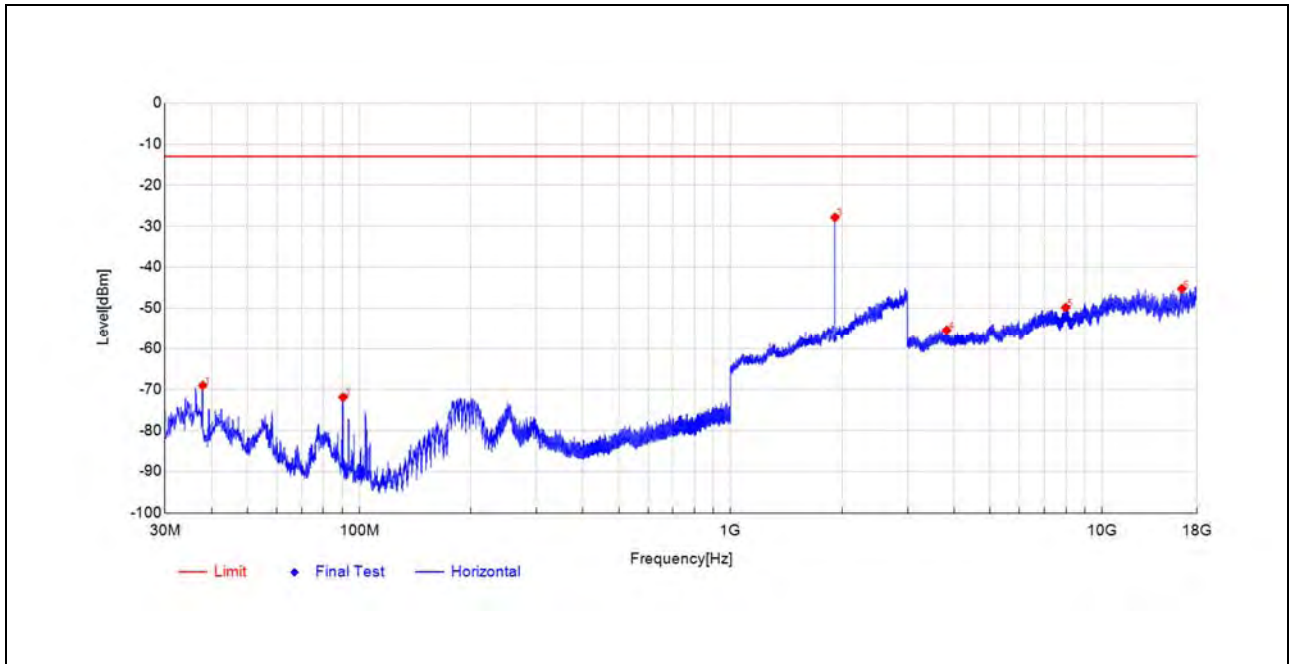




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-41.69	-64.28	-22.6	-13.0	51.3	Vertical	PK	PASS
90.434	-44.56	-66.84	-22.3	-13.0	53.8	Vertical	PK	PASS
1880.176	-51.51	-46.40	5.1	-	-	Vertical	PK	NA
3759.9657	-51.35	-50.27	1.1	-13.0	37.3	Vertical	PK	PASS
7284.5314	-62.07	-50.25	11.8	-13.0	37.3	Vertical	PK	PASS
14104.164	-69.90	-44.67	25.2	-13.0	31.7	Vertical	PK	PASS

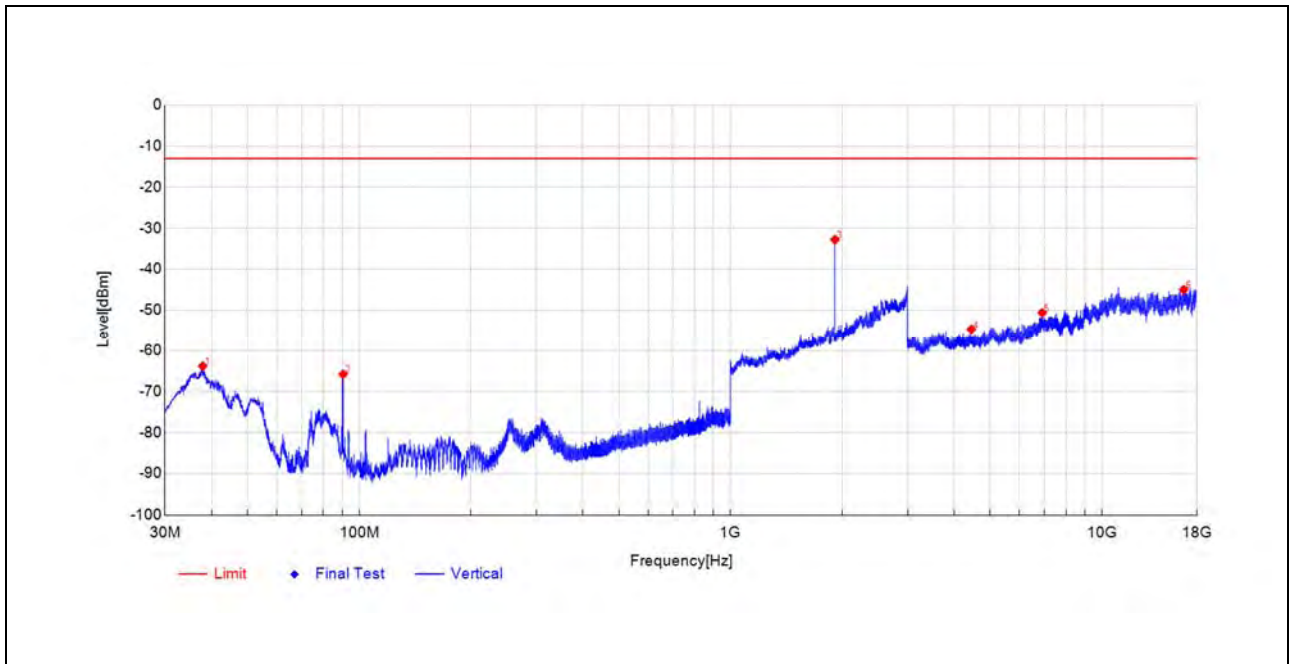


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-53.79	-69.06	-15.3	-13.0	56.1	Horizontal	PK	PASS
90.434	-48.55	-71.92	-23.4	-13.0	58.9	Horizontal	PK	PASS
1909.782	-32.09	-27.86	4.2	-	-	Horizontal	PK	NA
3819.5456	-56.27	-55.39	0.9	-13.0	42.4	Horizontal	PK	PASS
7987.2795	-63.15	-49.85	13.3	-13.0	36.9	Horizontal	PK	PASS
16408.736	-70.74	-45.26	25.5	-13.0	32.3	Horizontal	PK	PASS



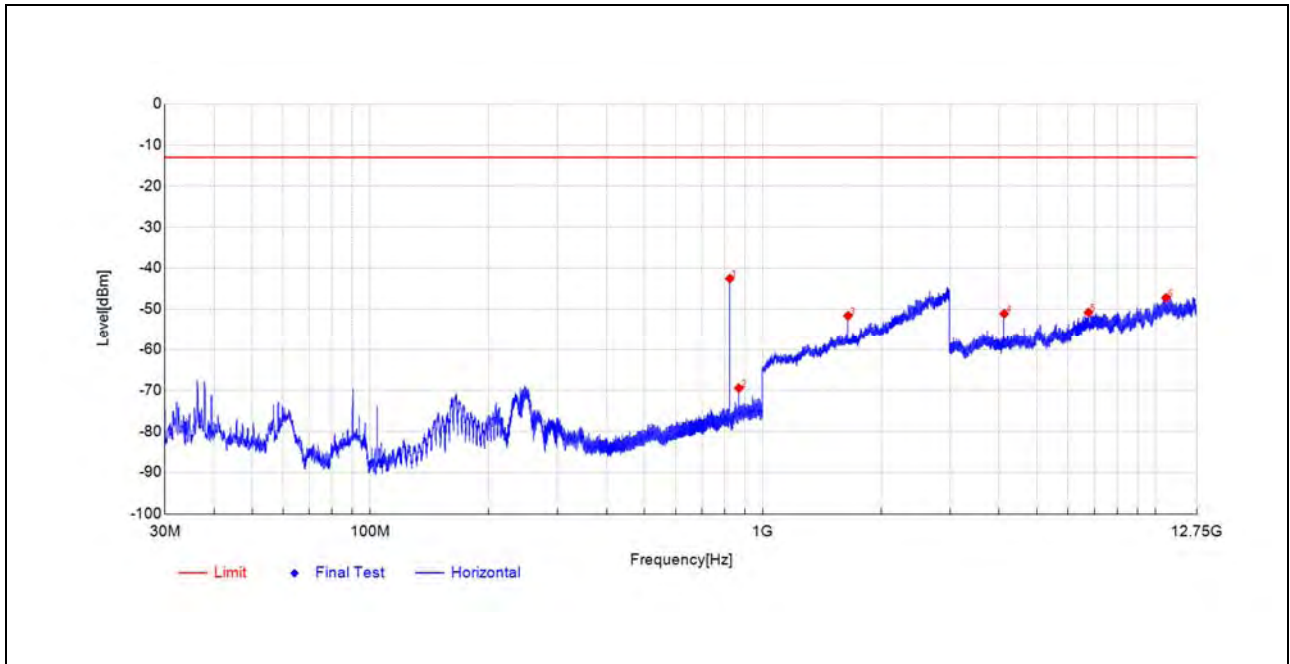


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-41.25	-63.84	-22.6	-13.0	50.8	Vertical	PK	PASS
90.4825	-43.55	-65.83	-22.3	-13.0	52.8	Vertical	PK	PASS
1909.782	-37.64	-32.79	4.9	-	-	Vertical	PK	NA
4449.207	-57.49	-54.66	2.8	-13.0	41.7	Vertical	PK	PASS
6906.2763	-61.47	-50.61	10.9	-13.0	37.6	Vertical	PK	PASS
16602.664	-70.90	-44.96	25.9	-13.0	32.0	Vertical	PK	PASS



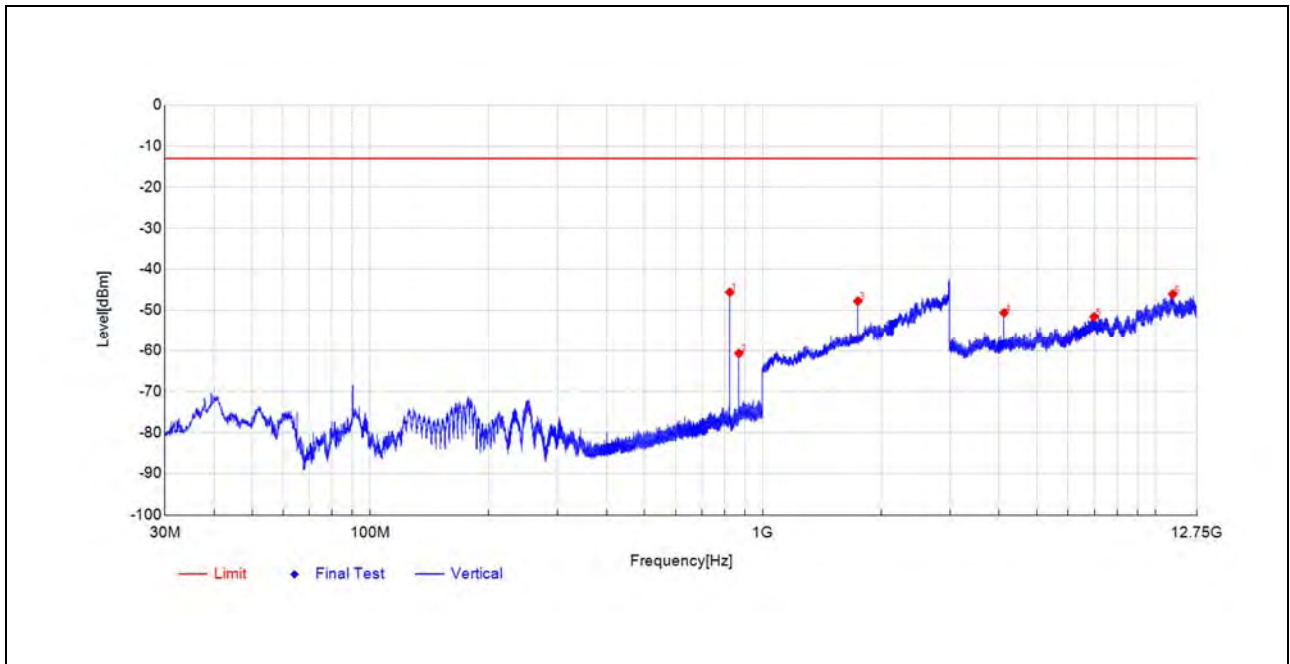
**GSM850(EDGE)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1302	-36.72	-42.52	-5.8	-	-	Horizontal	PK	NA
869.286	-64.62	-69.48	-4.9	-	-	Horizontal	PK	NA
1648.5297	-54.25	-51.61	2.6	-13.0	38.6	Horizontal	PK	PASS
4121.7936	-53.22	-51.11	2.1	-13.0	38.1	Horizontal	PK	PASS
6758.8129	-62.42	-50.79	11.6	-13.0	37.8	Horizontal	PK	PASS
10649.745	-66.46	-47.24	19.2	-13.0	34.2	Horizontal	PK	PASS

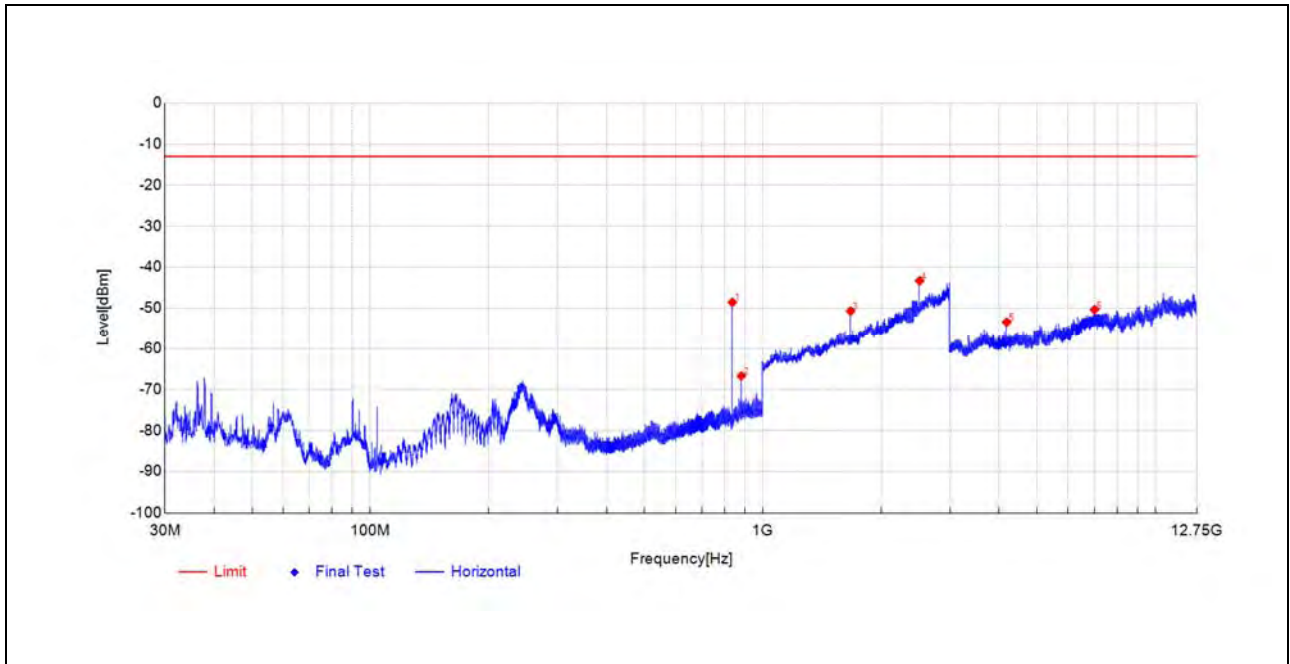




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.1787	-39.70	-45.59	-5.9	-	-	Vertical	PK	NA
869.286	-55.88	-60.74	-4.9	-	-	Vertical	PK	NA
1746.5493	-51.05	-47.76	3.3	-13.0	34.8	Vertical	PK	PASS
4120.331	-52.75	-50.61	2.1	-13.0	37.6	Vertical	PK	PASS
6984.5367	-62.71	-51.58	11.1	-13.0	38.6	Vertical	PK	PASS
11079.741	-68.37	-46.05	22.3	-13.0	33.1	Vertical	PK	PASS

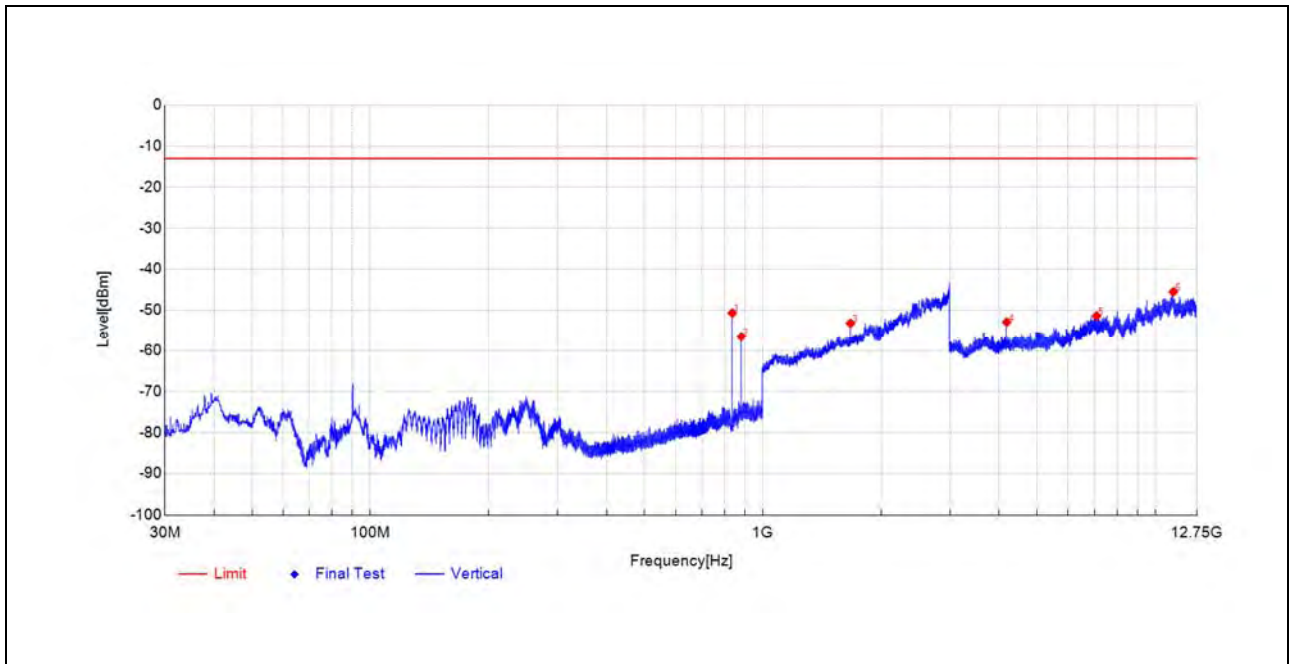


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.4498	-43.02	-48.55	-5.5	-	-	Horizontal	PK	NA
881.4601	-61.96	-66.70	-4.7	-	-	Horizontal	PK	NA
1673.3347	-53.19	-50.68	2.5	-13.0	37.7	Horizontal	PK	PASS
2509.1018	-53.35	-43.30	10.1	-13.0	30.3	Horizontal	PK	PASS
4181.7591	-55.58	-53.41	2.2	-13.0	40.4	Horizontal	PK	PASS
7001.1126	-61.99	-50.35	11.6	-13.0	37.4	Horizontal	PK	PASS

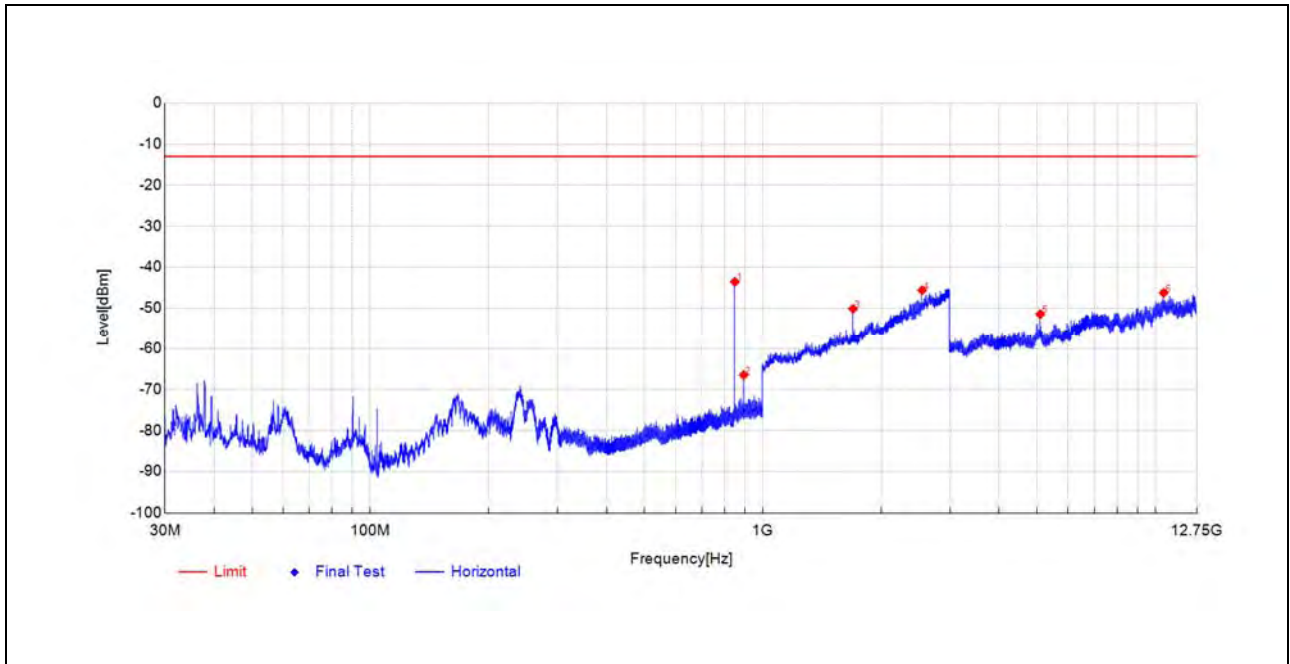




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
836.3043	-44.83	-50.66	-5.8	-	-	Vertical	PK	NA
881.3146	-52.08	-56.55	-4.5	-	-	Vertical	PK	NA
1672.9346	-55.93	-53.18	2.8	-13.0	40.2	Vertical	PK	PASS
4182.2466	-55.16	-52.89	2.3	-13.0	39.9	Vertical	PK	PASS
7084.9667	-62.39	-51.35	11.0	-13.0	38.4	Vertical	PK	PASS
11117.768	-67.66	-45.50	22.2	-13.0	32.5	Vertical	PK	PASS

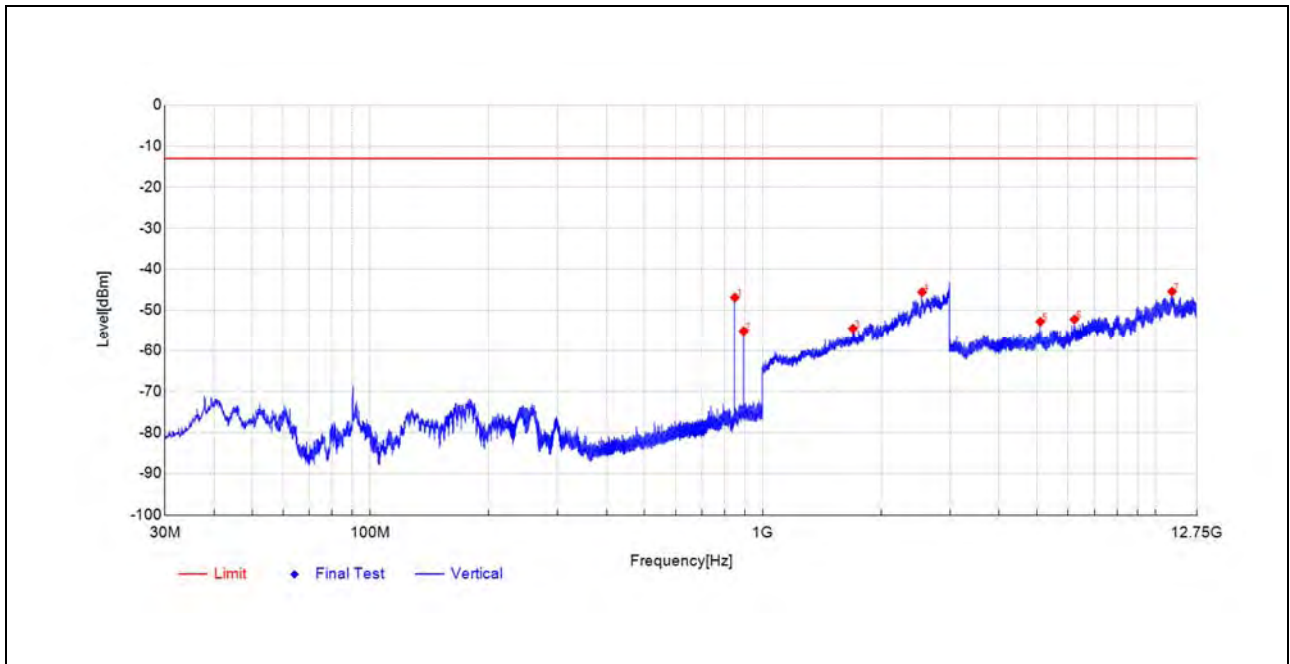


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8179	-38.35	-43.54	-5.2	-	-	Horizontal	PK	NA
893.8767	-61.83	-66.50	-4.7	-	-	Horizontal	PK	NA
1697.7395	-53.06	-50.13	2.9	-13.0	37.1	Horizontal	PK	PASS
2546.7093	-56.64	-45.62	11.0	-13.0	32.6	Horizontal	PK	PASS
5092.4546	-57.52	-51.45	6.1	-13.0	38.5	Horizontal	PK	PASS
10502.025	-66.11	-46.22	19.9	-13.0	33.2	Horizontal	PK	PASS



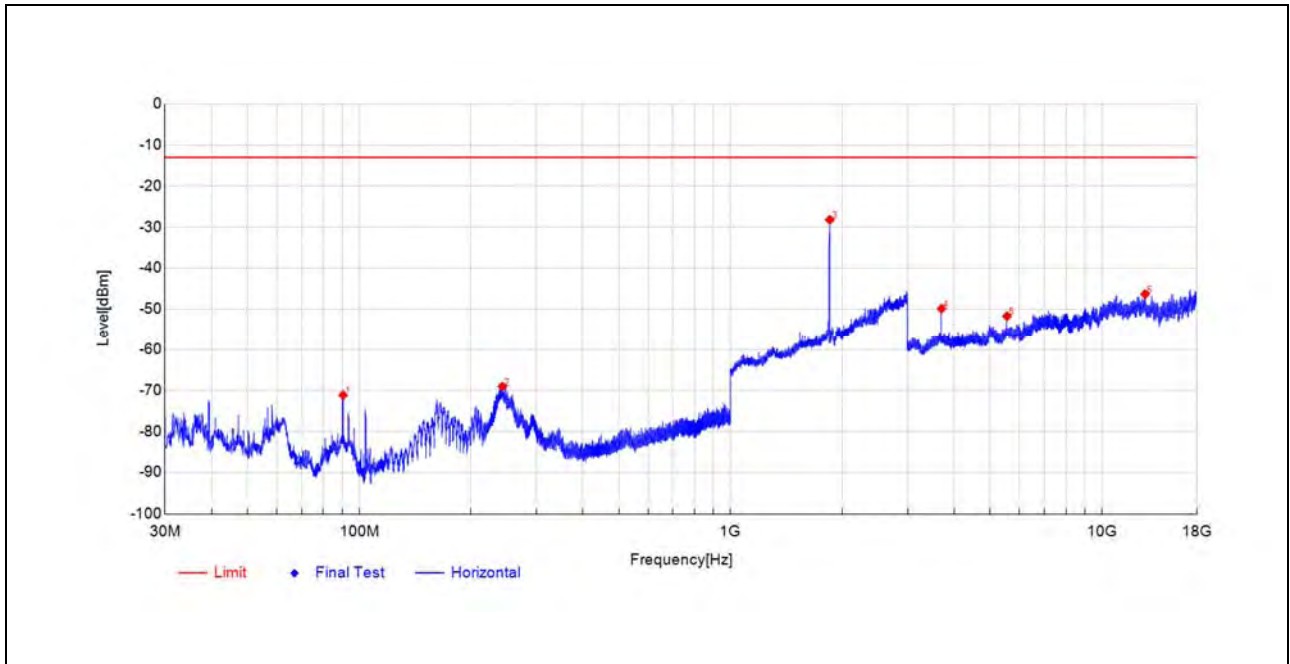


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.8179	-41.35	-46.88	-5.5	-	-	Vertical	PK	NA
893.8767	-50.70	-55.13	-4.4	-	-	Vertical	PK	NA
1697.7395	-57.57	-54.47	3.1	-13.0	41.5	Vertical	PK	PASS
2546.3093	-57.02	-45.57	11.5	-13.0	32.6	Vertical	PK	PASS
5092.9421	-58.26	-52.79	5.5	-13.0	39.8	Vertical	PK	PASS
6224.9737	-61.43	-52.22	9.2	-13.0	39.2	Vertical	PK	PASS
11034.889	-67.56	-45.42	22.1	-13.0	32.4	Vertical	PK	PASS



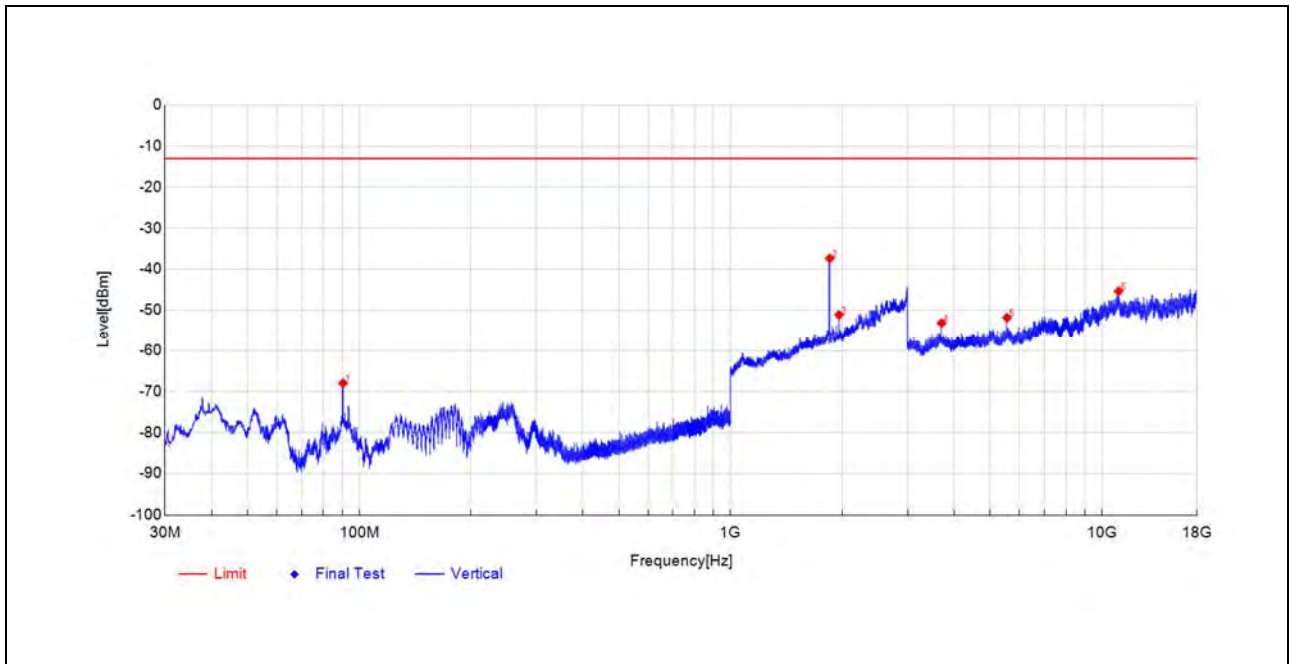
**GSM1900(EDGE)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-47.80	-71.16	-23.4	-13.0	58.2	Horizontal	PK	PASS
242.9256	-52.79	-69.07	-16.3	-13.0	56.1	Horizontal	PK	PASS
1850.17	-32.48	-28.20	4.3	-	-	Horizontal	PK	NA
3700.3858	-51.64	-49.86	1.8	-13.0	36.9	Horizontal	PK	PASS
5550.793	-58.36	-51.70	6.7	-13.0	38.7	Horizontal	PK	PASS
13070.682	-70.04	-46.32	23.7	-13.0	33.3	Horizontal	PK	PASS

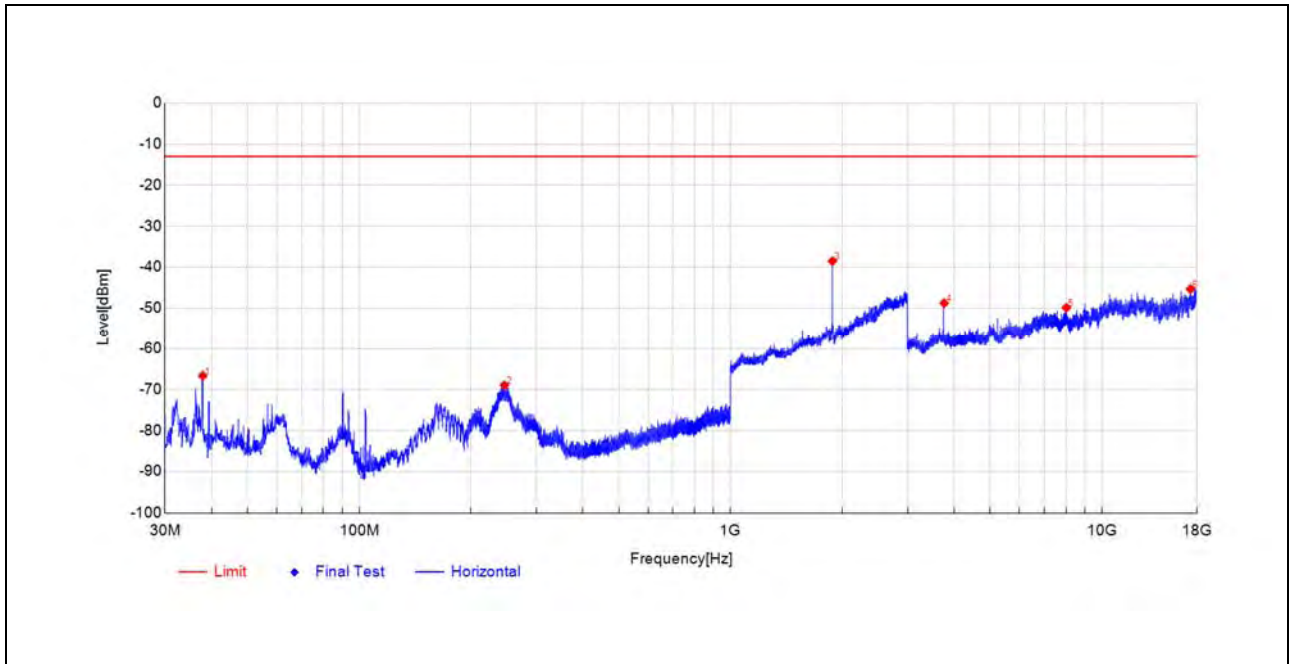




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-45.73	-68.01	-22.3	-13.0	55.0	Vertical	PK	PASS
1849.3699	-41.68	-37.34	4.3	-	-	Vertical	PK	NA
1959.792	-55.32	-51.13	4.2	-	-	Vertical	PK	NA
3700.3858	-54.91	-53.14	1.8	-13.0	40.1	Vertical	PK	PASS
5550.793	-58.18	-51.83	6.4	-13.0	38.8	Vertical	PK	PASS
11093.003	-67.26	-45.34	21.9	-13.0	32.3	Vertical	PK	PASS

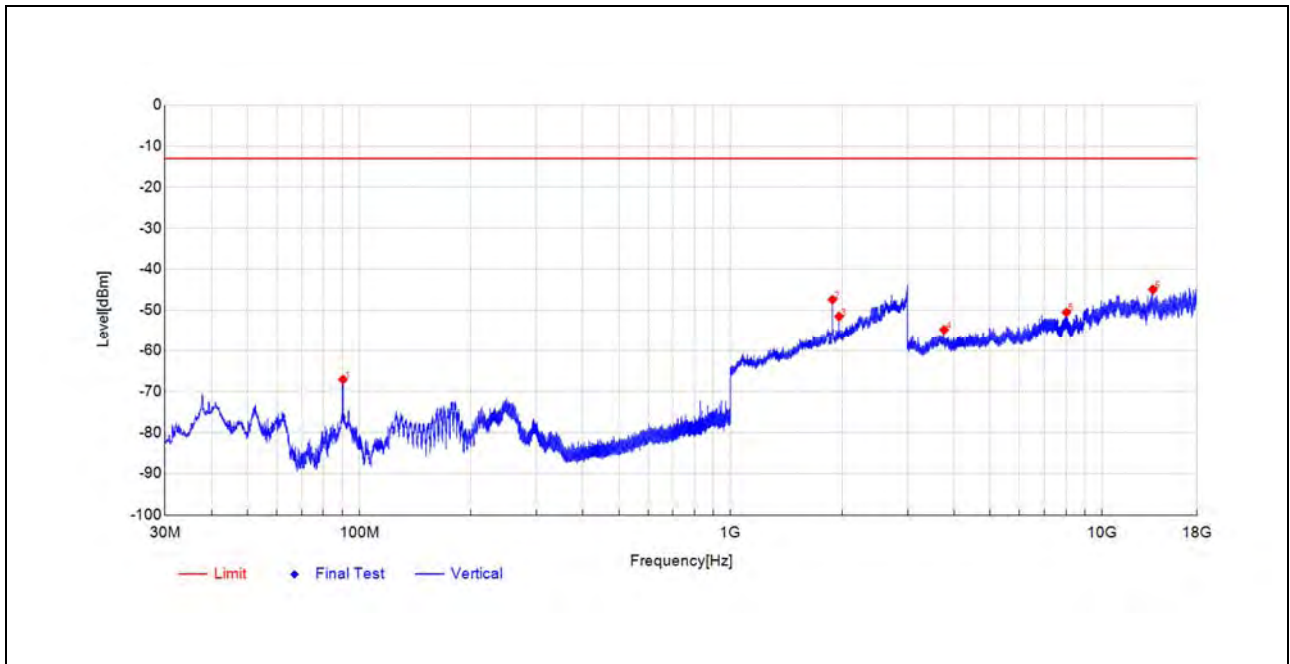


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-51.40	-66.67	-15.3	-13.0	53.7	Horizontal	PK	PASS
246.0298	-52.46	-68.99	-16.5	-13.0	56.0	Horizontal	PK	PASS
1880.176	-43.79	-38.51	5.3	-	-	Horizontal	PK	NA
3759.9657	-49.92	-48.74	1.2	-13.0	35.7	Horizontal	PK	PASS
8022.8009	-63.26	-49.87	13.4	-13.0	36.9	Horizontal	PK	PASS
17311.652	-69.42	-45.31	24.1	-13.0	32.3	Horizontal	PK	PASS

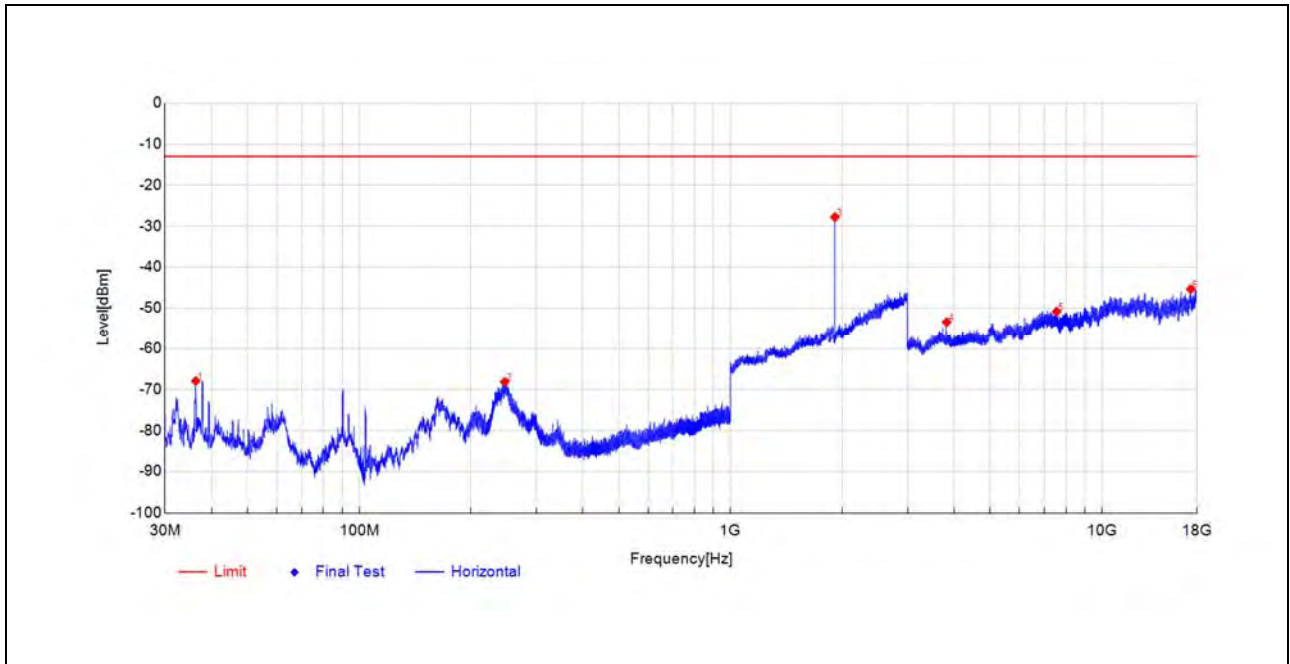




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-44.84	-67.12	-22.3	-13.0	54.1	Vertical	PK	PASS
1880.176	-52.52	-47.41	5.1	-	-	Vertical	PK	NA
1959.792	-55.71	-51.52	4.2	-	-	Vertical	PK	NA
3760.3943	-55.84	-54.76	1.1	-13.0	41.8	Vertical	PK	PASS
8023.761	-63.50	-50.51	13.0	-13.0	37.5	Vertical	PK	PASS
13716.308	-69.63	-44.93	24.7	-13.0	31.9	Vertical	PK	PASS

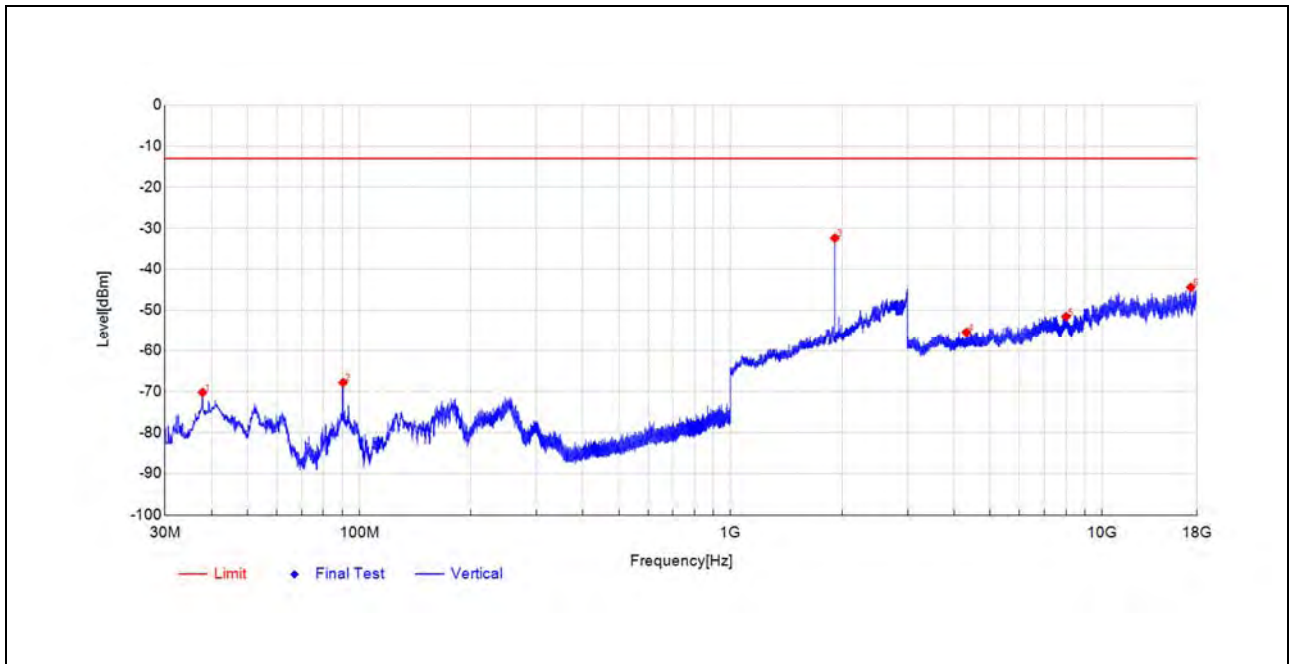


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-52.70	-67.95	-15.3	-13.0	55.0	Horizontal	PK	PASS
246.4663	-51.63	-68.20	-16.6	-13.0	55.2	Horizontal	PK	PASS
1909.782	-32.00	-27.77	4.2	-	-	Horizontal	PK	NA
3819.5456	-54.28	-53.40	0.9	-13.0	40.4	Horizontal	PK	PASS
7557.6623	-62.79	-50.80	12.0	-13.0	37.8	Horizontal	PK	PASS
17338.053	-69.67	-45.35	24.3	-13.0	32.4	Horizontal	PK	PASS



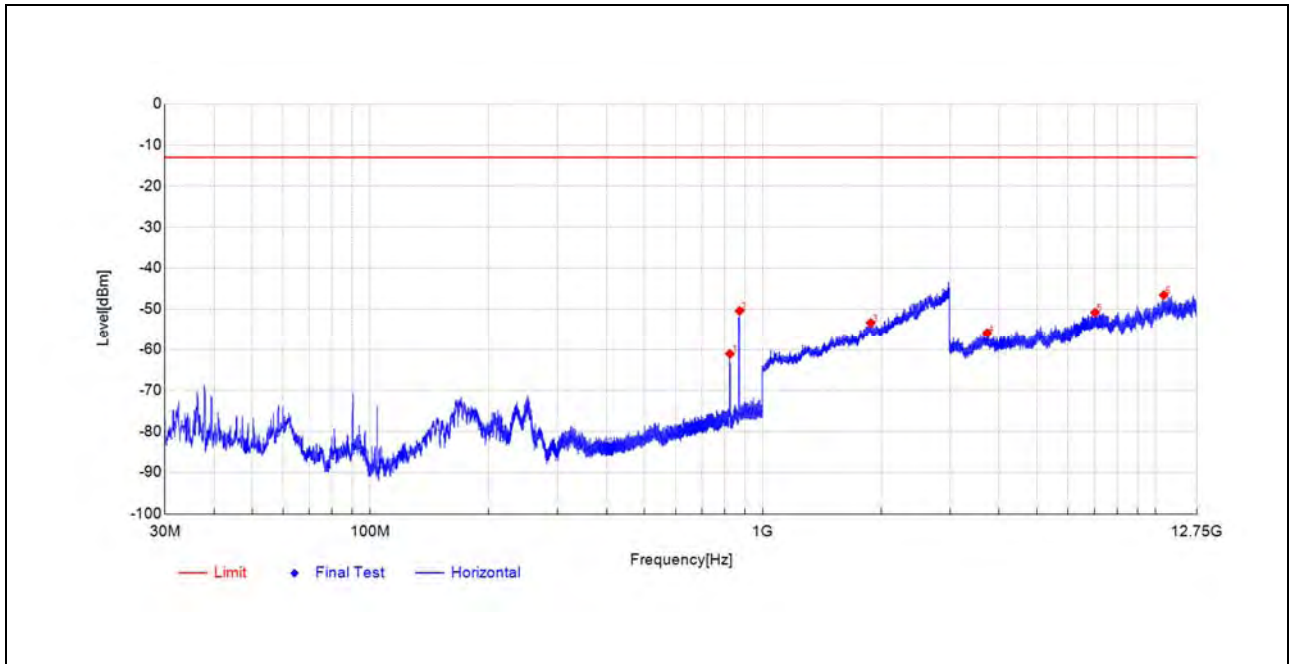


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.8574	-47.65	-70.26	-22.6	-13.0	57.3	Vertical	PK	PASS
90.4825	-45.57	-67.85	-22.3	-13.0	54.9	Vertical	PK	PASS
1909.3819	-37.27	-32.40	4.9	-	-	Vertical	PK	NA
4314.1877	-57.68	-55.41	2.3	-13.0	42.4	Vertical	PK	PASS
8003.1201	-64.51	-51.53	13.0	-13.0	38.5	Vertical	PK	PASS
17353.894	-69.11	-44.39	24.7	-13.0	31.4	Vertical	PK	PASS



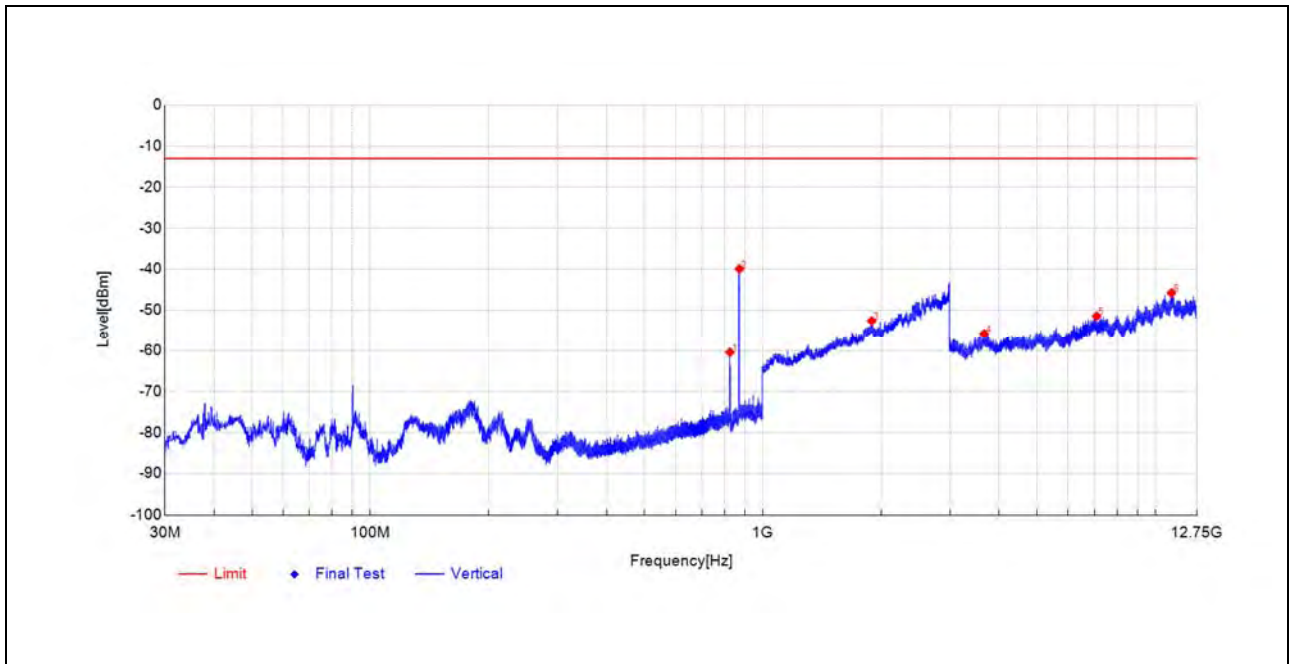
**WCDMA Band V(WCDMA)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6152	-55.31	-61.10	-5.8	-	-	Horizontal	PK	NA
872.2931	-45.57	-50.40	-4.8	-	-	Horizontal	PK	NA
1883.7768	-59.29	-53.36	5.9	-13.0	40.4	Horizontal	PK	PASS
3725.9238	-57.41	-55.89	1.5	-13.0	42.9	Horizontal	PK	PASS
7020.126	-62.57	-50.83	11.7	-13.0	37.8	Horizontal	PK	PASS
10509.825	-66.41	-46.55	19.9	-13.0	33.6	Horizontal	PK	PASS

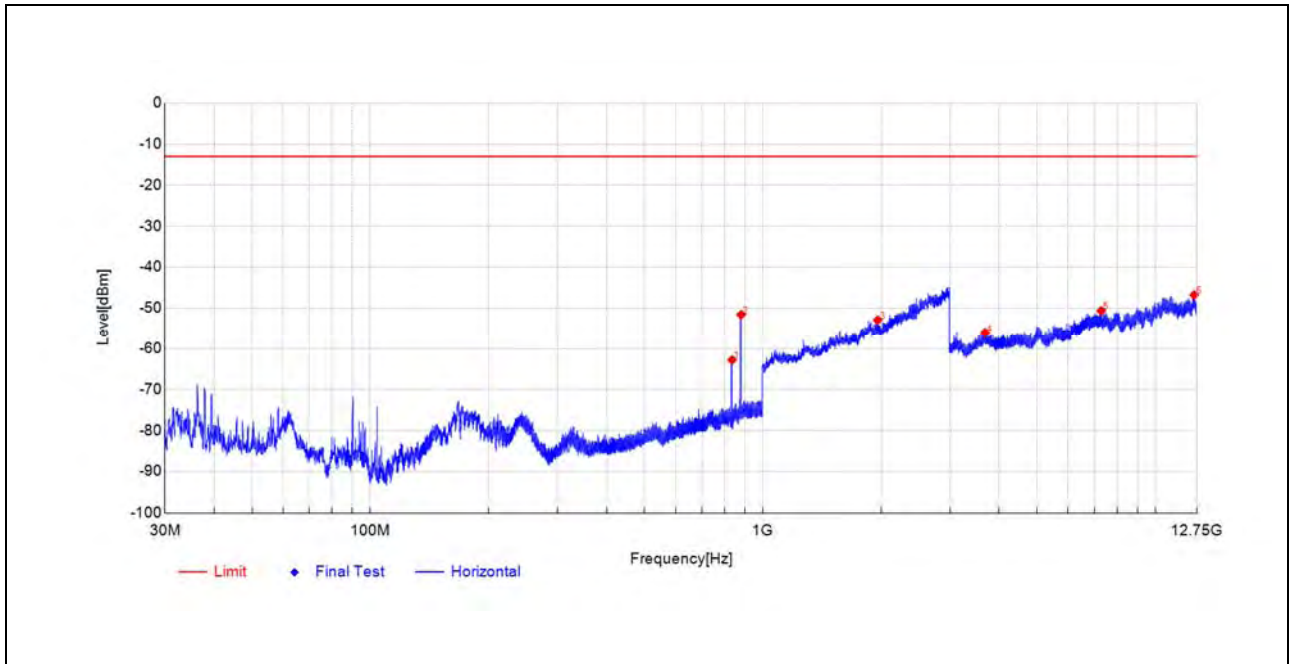




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.7607	-54.51	-60.41	-5.9	-	-	Vertical	PK	NA
871.8566	-35.14	-39.91	-4.8	-	-	Vertical	PK	NA
1894.5789	-58.49	-52.60	5.9	-13.0	39.6	Vertical	PK	PASS
3665.4708	-57.45	-55.78	1.7	-13.0	42.8	Vertical	PK	PASS
7086.9168	-62.50	-51.46	11.0	-13.0	38.5	Vertical	PK	PASS
10994.912	-67.67	-45.75	21.9	-13.0	32.8	Vertical	PK	PASS

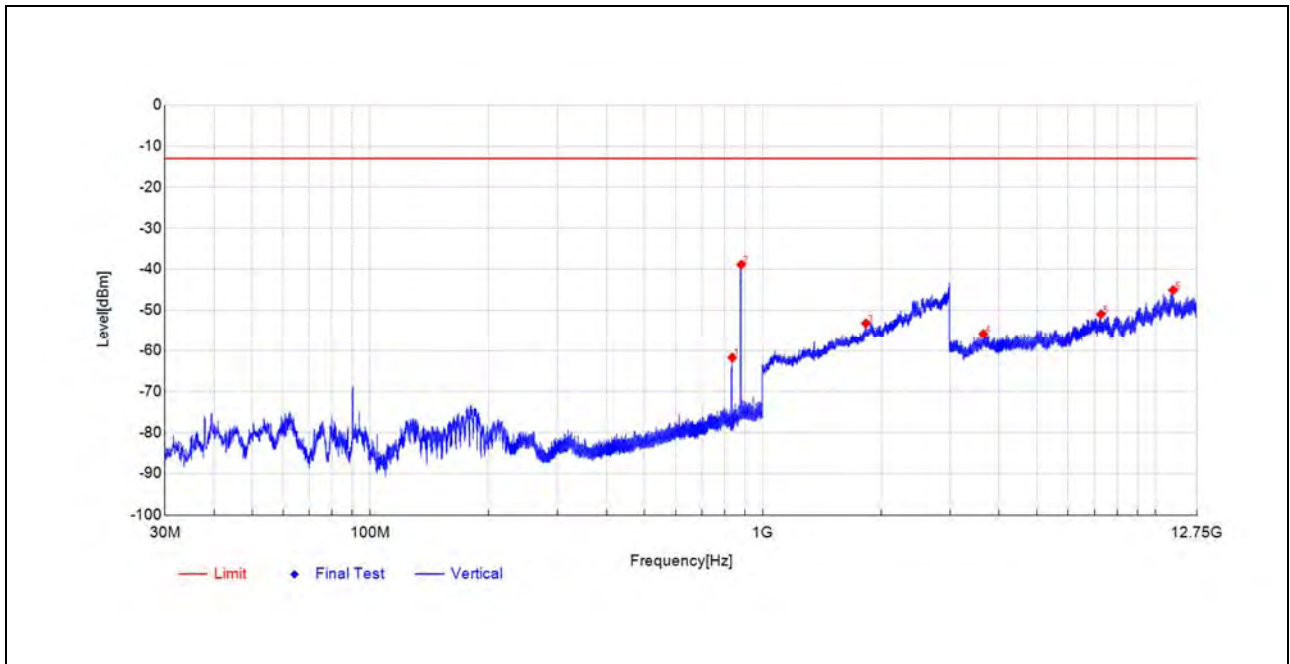


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.2858	-57.24	-62.80	-5.6	-	-	Horizontal	PK	NA
880.4415	-46.84	-51.59	-4.8	-	-	Horizontal	PK	NA
1961.7924	-58.25	-52.90	5.4	-13.0	39.9	Horizontal	PK	PASS
3686.4343	-57.81	-56.04	1.8	-13.0	43.0	Horizontal	PK	PASS
7279.0014	-63.23	-50.63	12.6	-13.0	37.6	Horizontal	PK	PASS
12566.690	-70.06	-46.77	23.3	-13.0	33.8	Horizontal	PK	PASS

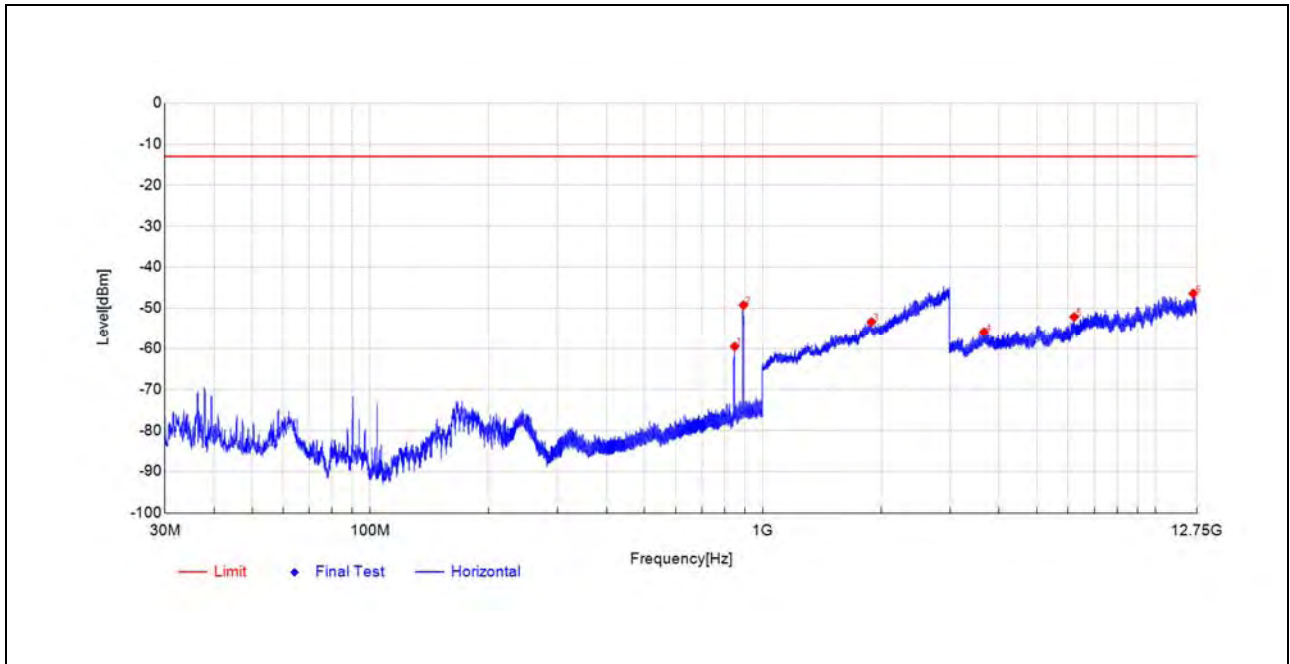




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
835.7223	-55.87	-61.72	-5.9	-	-	Vertical	PK	NA
881.1691	-34.39	-38.86	-4.5	-	-	Vertical	PK	NA
1831.3663	-58.58	-53.18	5.4	-13.0	40.2	Vertical	PK	PASS
3647.9199	-57.46	-55.83	1.6	-13.0	42.8	Vertical	PK	PASS
7271.2011	-62.88	-50.97	11.9	-13.0	38.0	Vertical	PK	PASS
11101.680	-67.45	-45.07	22.4	-13.0	32.1	Vertical	PK	PASS

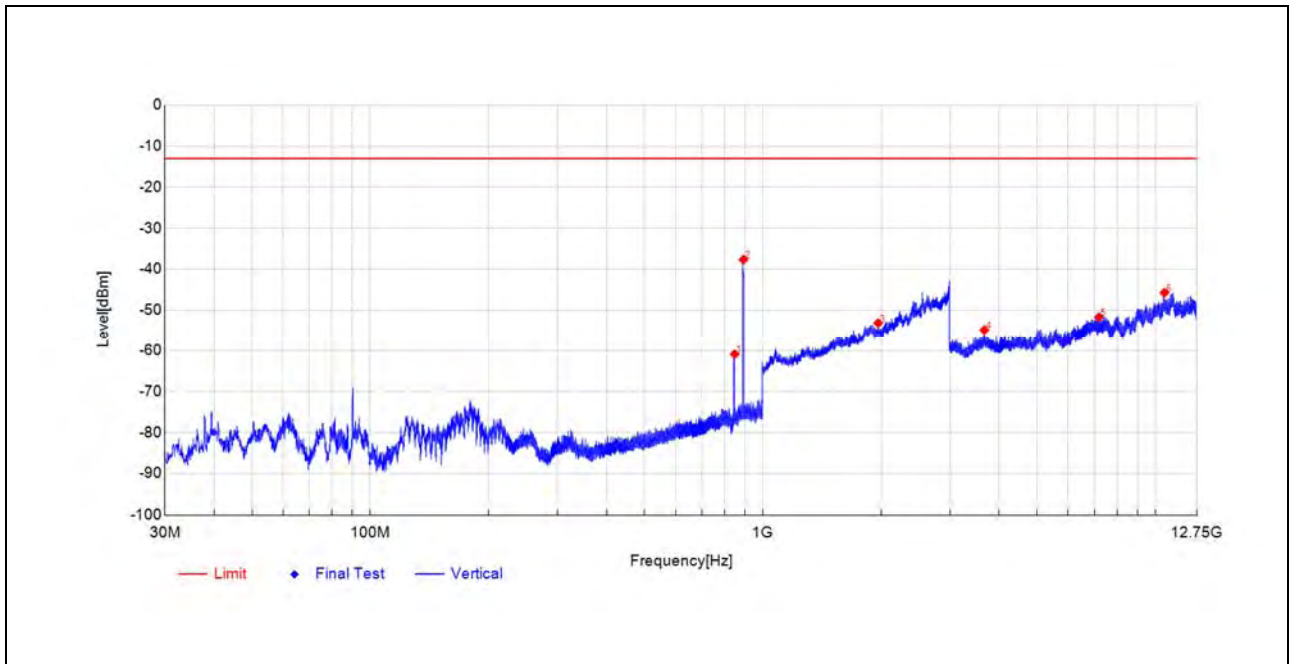


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
847.9934	-54.32	-59.53	-5.2	-	-	Horizontal	PK	NA
892.8096	-44.56	-49.24	-4.7	-	-	Horizontal	PK	NA
1890.9782	-59.02	-53.36	5.7	-13.0	40.4	Horizontal	PK	PASS
3660.108	-57.61	-55.88	1.7	-13.0	42.9	Horizontal	PK	PASS
6212.7856	-62.11	-52.12	10.0	-13.0	39.1	Horizontal	PK	PASS
12493.074	-69.66	-46.39	23.3	-13.0	33.4	Horizontal	PK	PASS



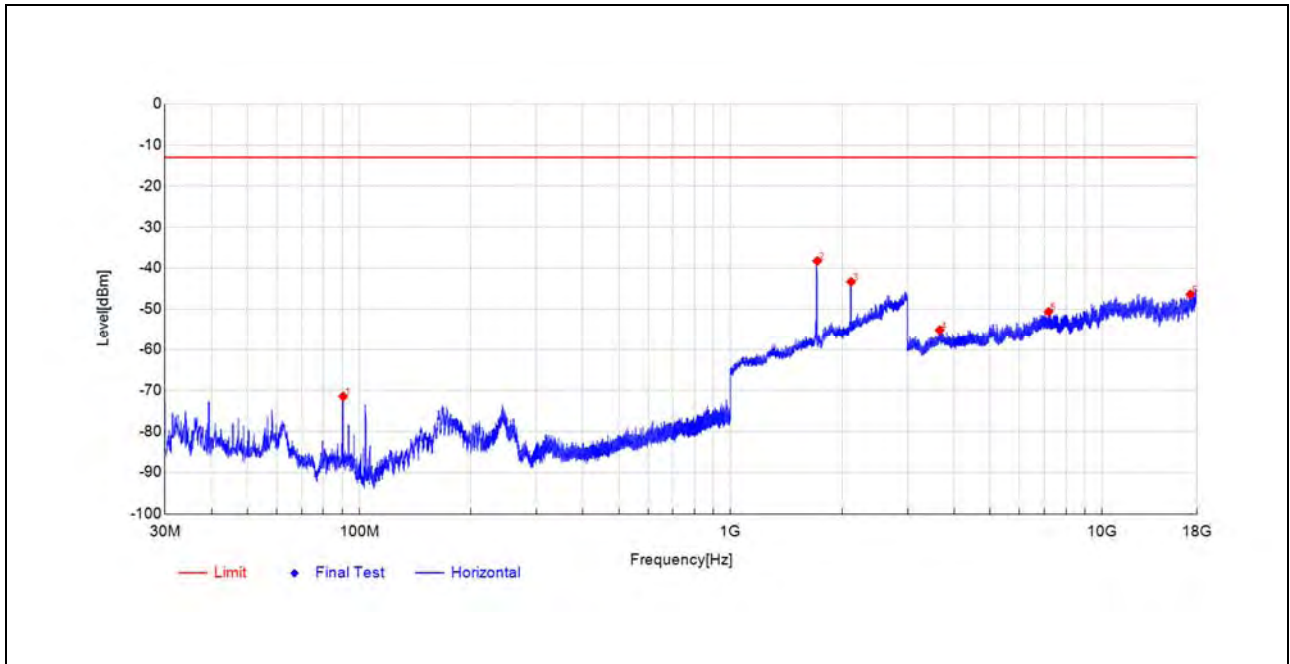


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
848.0904	-55.37	-60.91	-5.5	-	-	Vertical	PK	NA
892.8096	-33.18	-37.61	-4.4	-	-	Vertical	PK	NA
1967.7936	-58.40	-53.10	5.3	-13.0	40.1	Vertical	PK	PASS
3668.8834	-56.51	-54.83	1.7	-13.0	41.8	Vertical	PK	PASS
7182.4716	-62.97	-51.67	11.3	-13.0	38.7	Vertical	PK	PASS
10551.265	-65.87	-45.70	20.2	-13.0	32.7	Vertical	PK	PASS



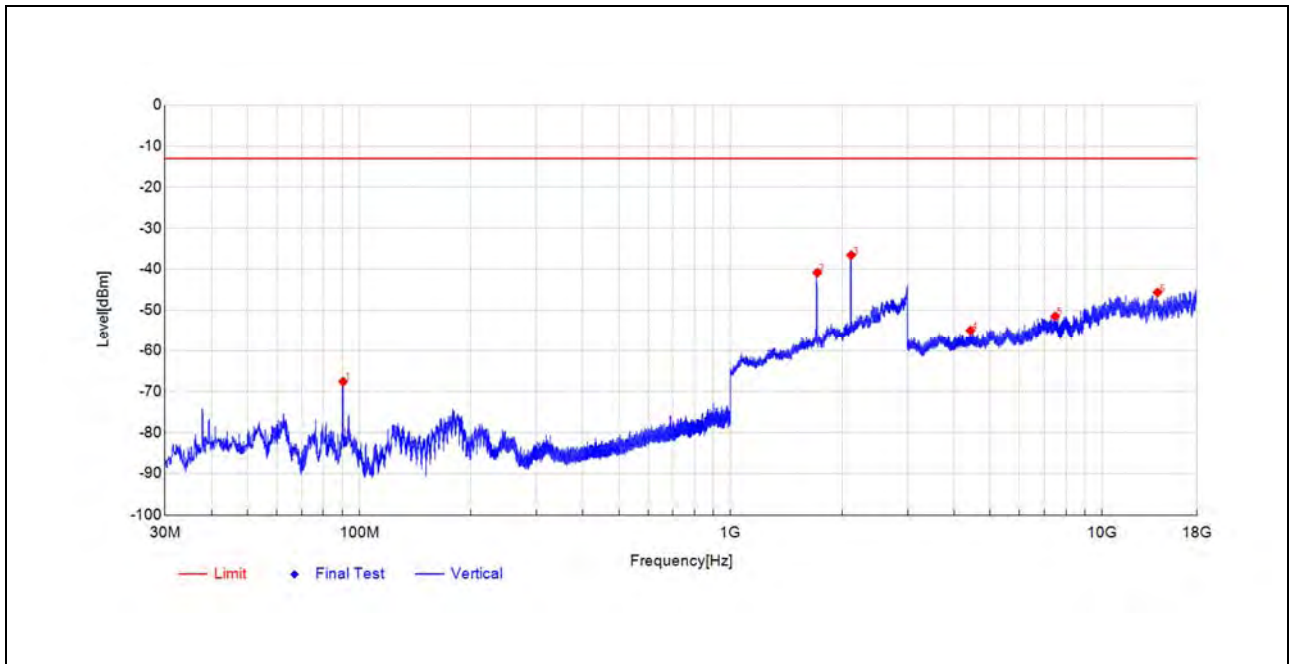
**WCDMA Band IV(WCDMA)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-48.18	-71.51	-23.3	-13.0	58.5	Horizontal	PK	PASS
1711.3423	-41.57	-38.24	3.3	-	-	Horizontal	PK	NA
2111.0222	-49.11	-43.33	5.8	-	-	Horizontal	PK	NA
3657.5225	-56.85	-55.13	1.7	-13.0	42.1	Horizontal	PK	PASS
7185.6474	-62.57	-50.62	12.0	-13.0	37.6	Horizontal	PK	PASS
17304.452	-70.42	-46.37	24.1	-13.0	33.4	Horizontal	PK	PASS

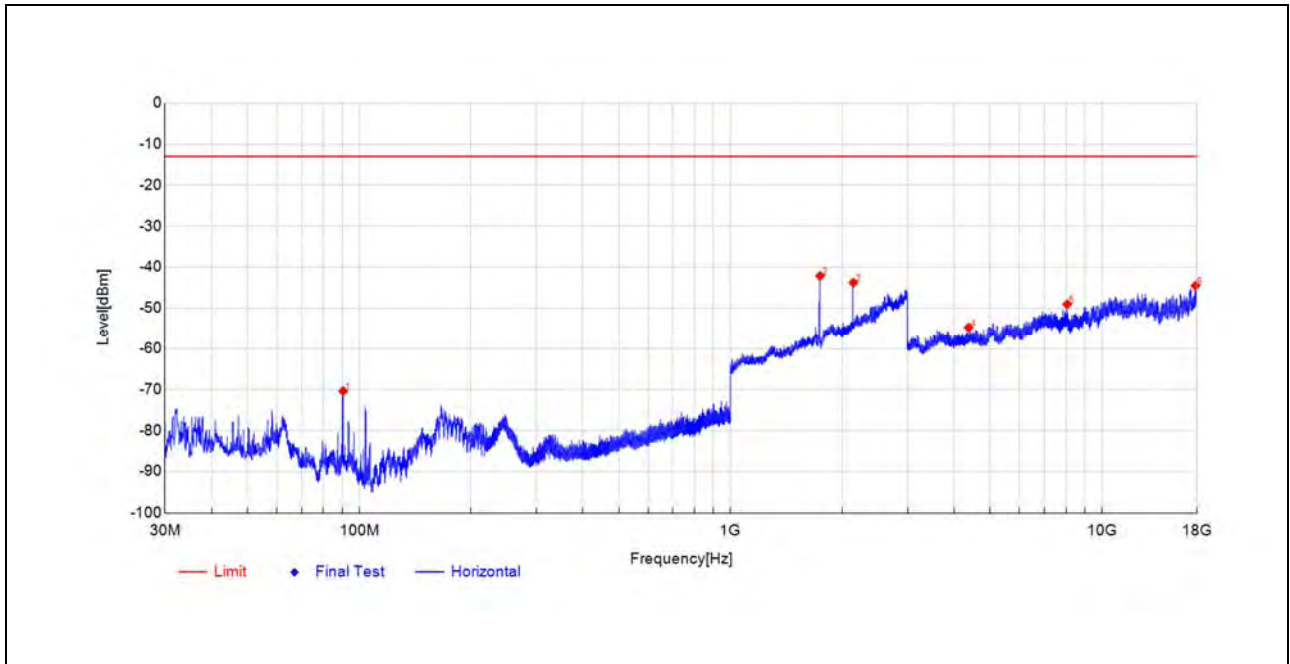




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-45.39	-67.64	-22.3	-13.0	54.6	Vertical	PK	PASS
1711.3423	-44.32	-40.84	3.5	-	-	Vertical	PK	NA
2112.2224	-42.14	-36.55	5.6	-	-	Vertical	PK	NA
4426.0609	-57.75	-54.95	2.8	-13.0	42.0	Vertical	PK	PASS
7484.2194	-63.35	-51.47	11.9	-13.0	38.5	Vertical	PK	PASS
14118.084	-70.63	-45.65	25.0	-13.0	32.7	Vertical	PK	PASS

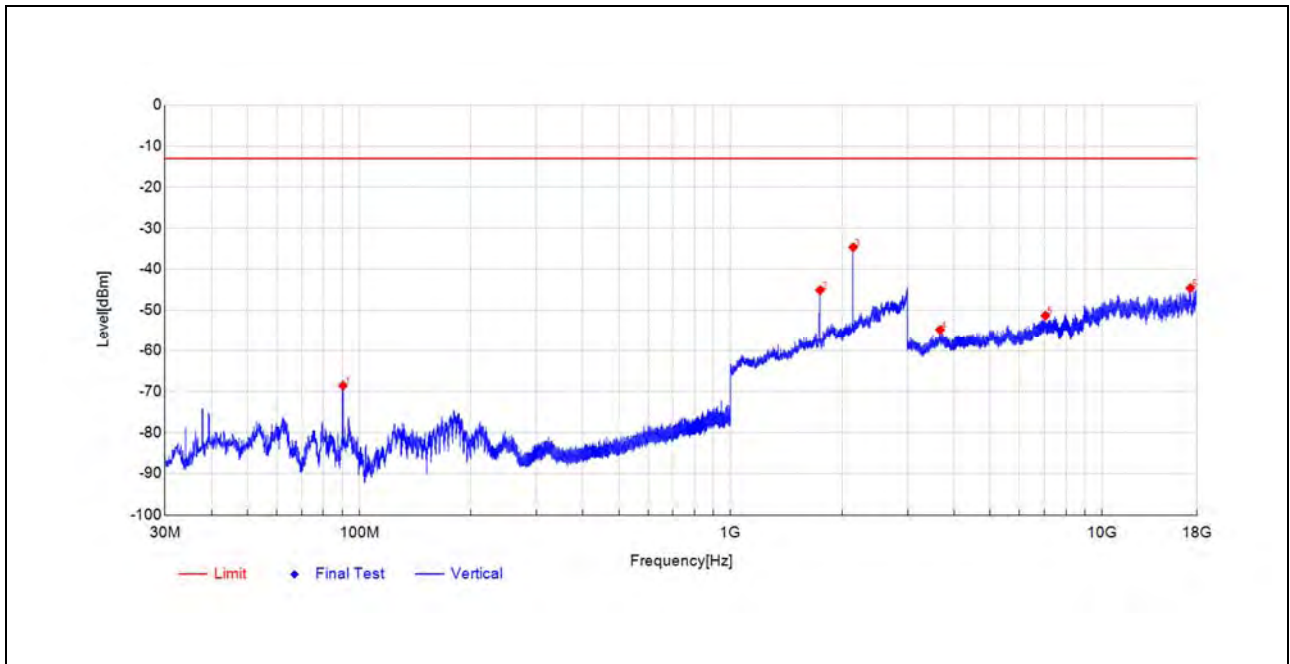


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-47.09	-70.42	-23.3	-13.0	57.4	Horizontal	PK	PASS
1741.3483	-45.10	-42.12	3.0	-	-	Horizontal	PK	NA
2141.0282	-49.78	-43.76	6.0	-	-	Horizontal	PK	NA
4375.9108	-57.67	-54.73	2.9	-13.0	41.7	Horizontal	PK	PASS
8065.5226	-62.51	-49.03	13.5	-13.0	36.0	Horizontal	PK	PASS
17856.954	-68.85	-44.51	24.3	-13.0	31.5	Horizontal	PK	PASS

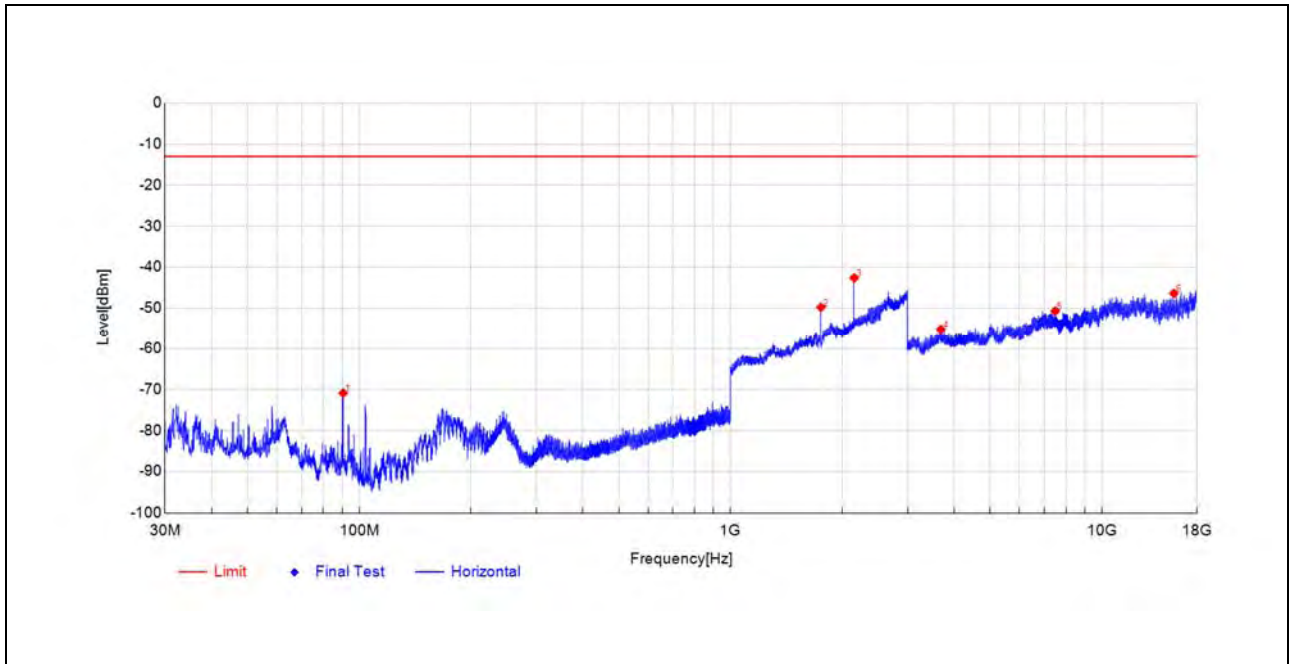




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-46.30	-68.56	-22.3	-13.0	55.6	Vertical	PK	PASS
1741.3483	-48.49	-45.06	3.4	-	-	Vertical	PK	NA
2139.0278	-40.53	-34.63	5.9	-	-	Vertical	PK	NA
3664.3806	-56.46	-54.79	1.7	-13.0	41.8	Vertical	PK	PASS
7041.1616	-62.29	-51.31	11.0	-13.0	38.3	Vertical	PK	PASS
17303.012	-69.17	-44.58	24.6	-13.0	31.6	Vertical	PK	PASS

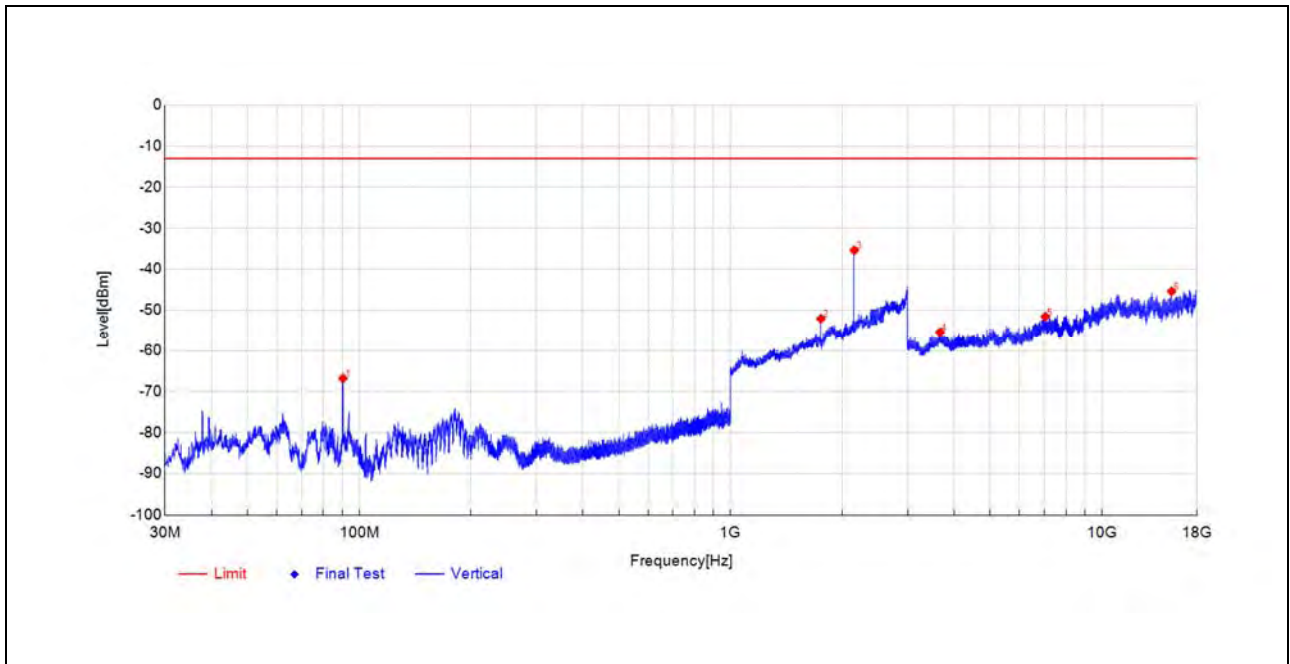


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-47.59	-70.92	-23.3	-13.0	57.9	Horizontal	PK	PASS
1751.3503	-52.67	-49.75	2.9	-	-	Horizontal	PK	NA
2152.6305	-48.63	-42.60	6.0	-	-	Horizontal	PK	NA
3684.955	-56.95	-55.19	1.8	-13.0	42.2	Horizontal	PK	PASS
7483.7394	-63.02	-50.69	12.3	-13.0	37.7	Horizontal	PK	PASS
15617.664	-71.29	-46.36	24.9	-13.0	33.4	Horizontal	PK	PASS



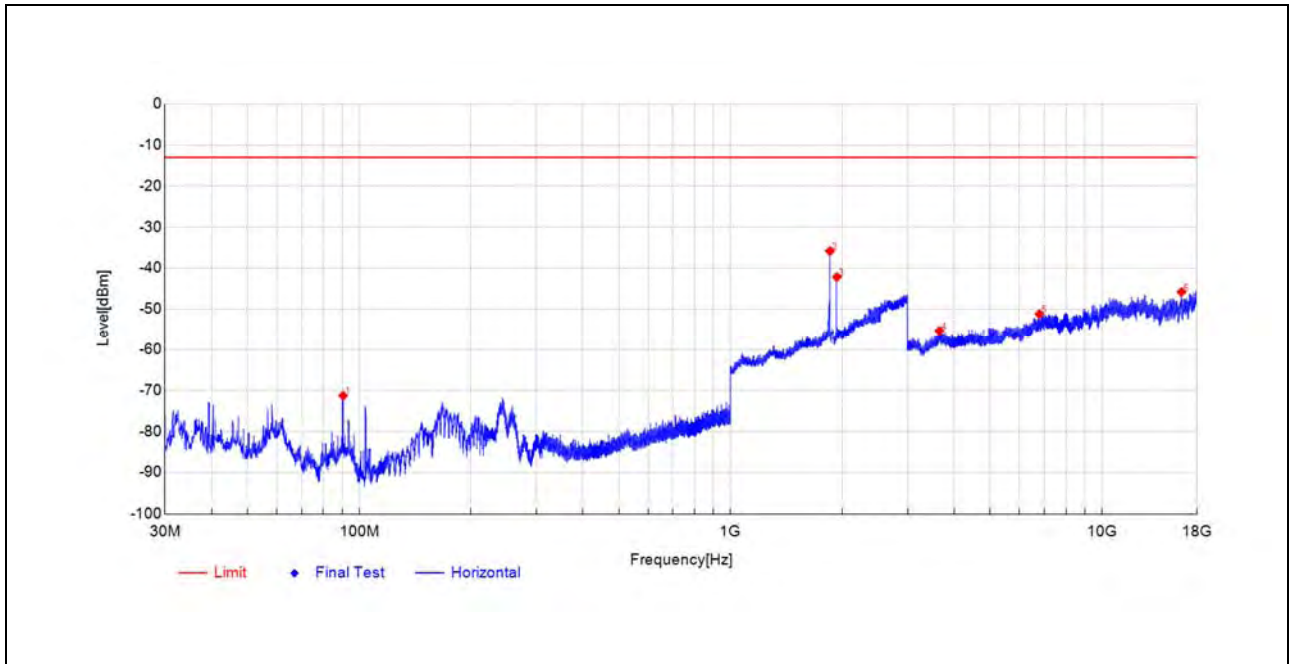


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-44.57	-66.83	-22.3	-13.0	53.8	Vertical	PK	PASS
1750.9502	-55.52	-52.05	3.5	-	-	Vertical	PK	NA
2154.2308	-41.02	-35.35	5.7	-	-	Vertical	PK	NA
3665.2379	-57.04	-55.37	1.7	-13.0	42.4	Vertical	PK	PASS
7040.6816	-62.54	-51.55	11.0	-13.0	38.6	Vertical	PK	PASS
15403.576	-70.97	-45.38	25.6	-13.0	32.4	Vertical	PK	PASS



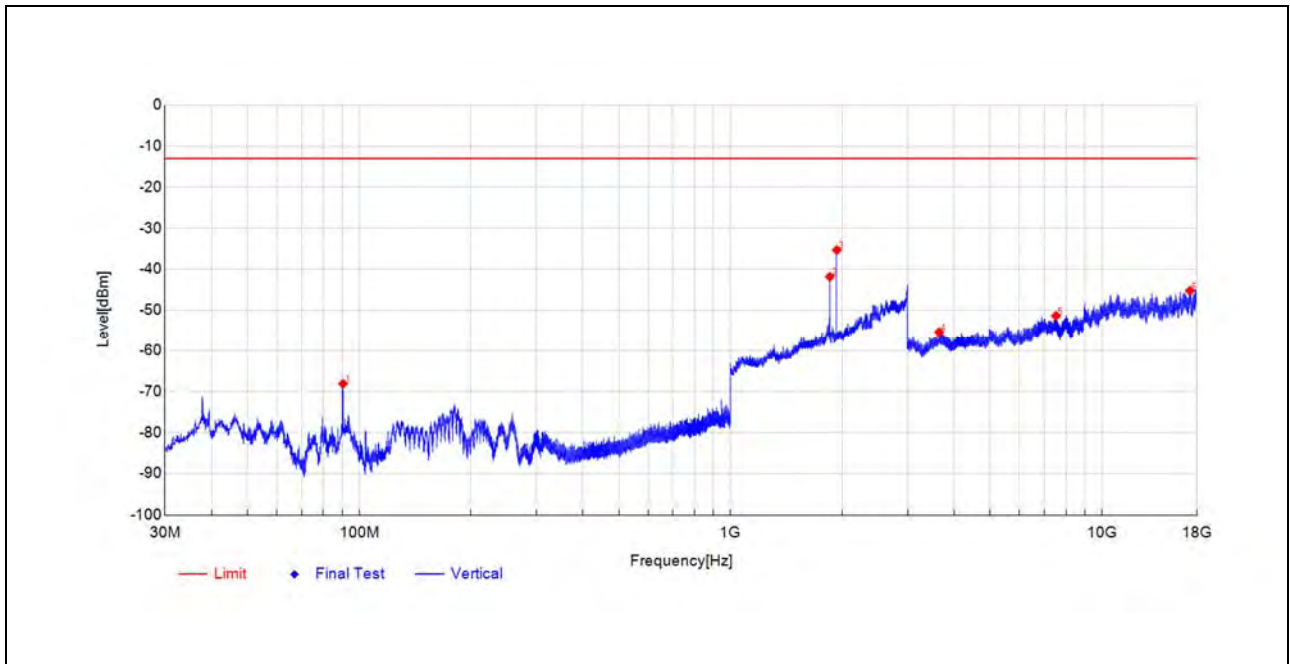
**WCDMA Band II(WCDMA)**

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-47.95	-71.31	-23.4	-13.0	58.3	Horizontal	PK	PASS
1851.7704	-40.11	-35.81	4.3	-	-	Horizontal	PK	NA
1933.3867	-46.13	-42.15	4.0	-	-	Horizontal	PK	NA
3651.9503	-57.04	-55.32	1.7	-13.0	42.3	Horizontal	PK	PASS
6784.8314	-62.51	-51.20	11.3	-13.0	38.2	Horizontal	PK	PASS
16376.575	-71.23	-45.81	25.4	-13.0	32.8	Horizontal	PK	PASS

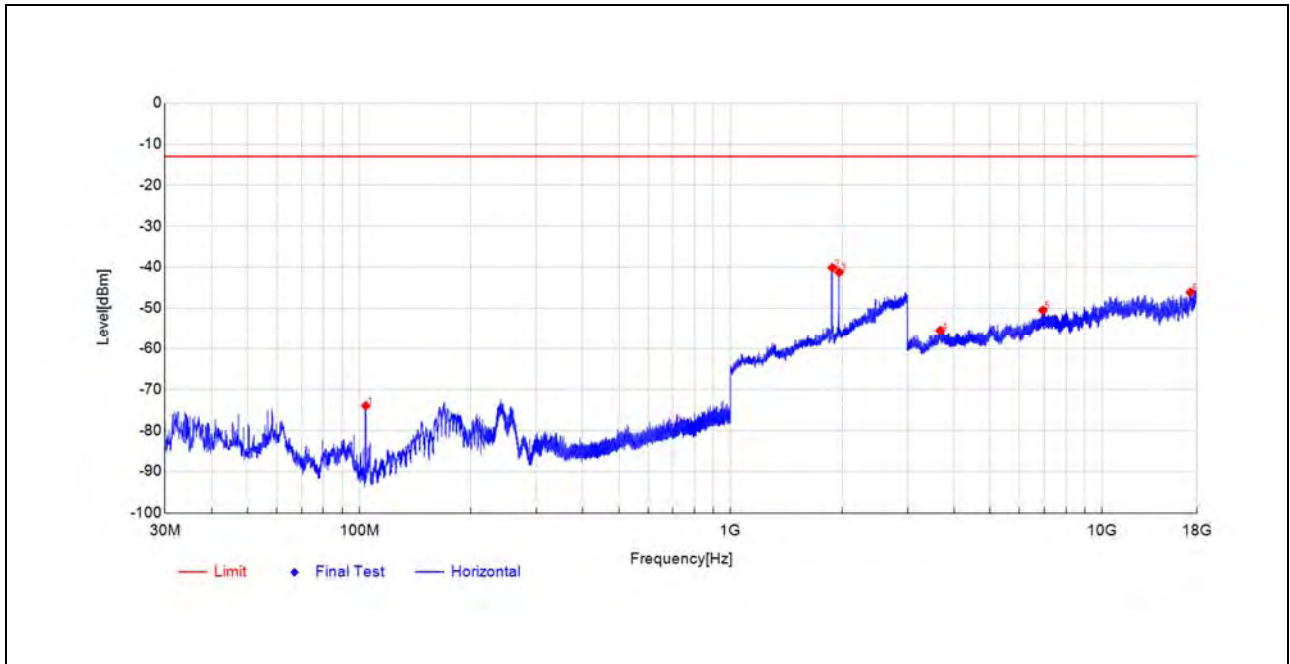




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-45.85	-68.13	-22.3	-13.0	55.1	Vertical	PK	PASS
1851.7704	-46.10	-41.81	4.3	-	-	Vertical	PK	NA
1932.1864	-39.17	-35.30	3.9	-	-	Vertical	PK	NA
3645.5208	-56.96	-55.34	1.6	-13.0	42.3	Vertical	PK	PASS
7521.6609	-63.14	-51.36	11.8	-13.0	38.4	Vertical	PK	PASS
17246.849	-69.57	-45.23	24.3	-13.0	32.2	Vertical	PK	PASS

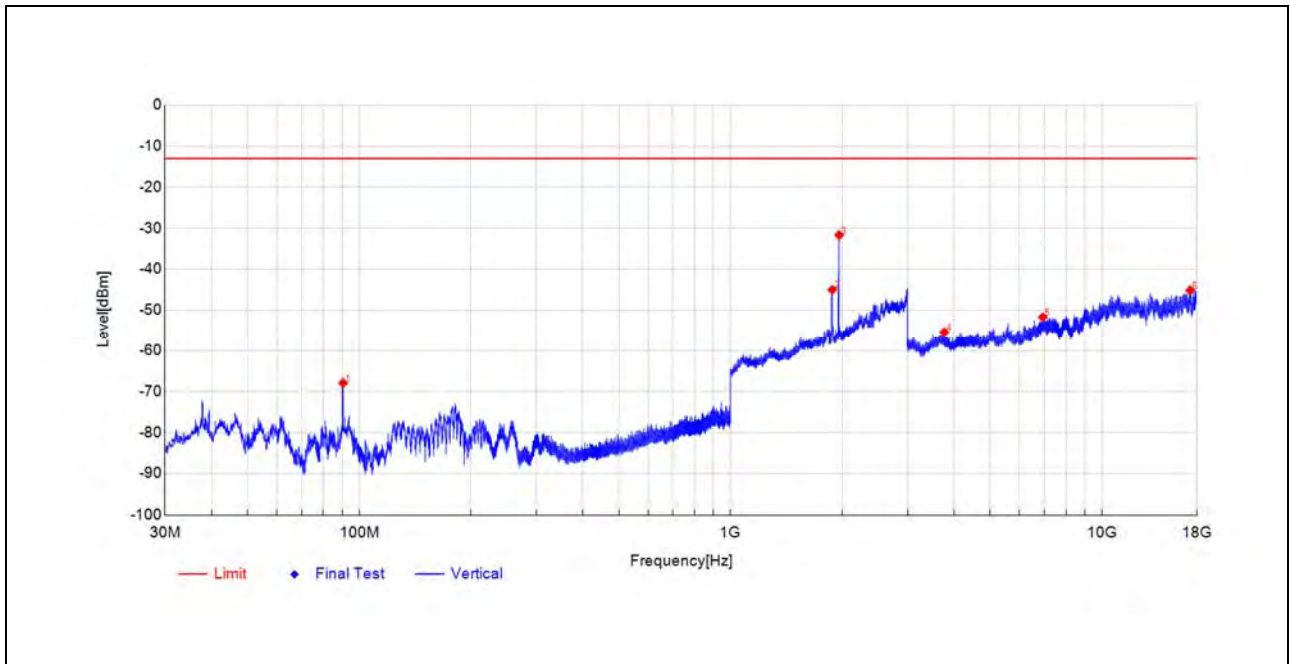


Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
104.2087	-51.26	-73.99	-22.7	-13.0	61.0	Horizontal	PK	PASS
1878.5757	-45.35	-40.12	5.2	-	-	Horizontal	PK	NA
1960.9922	-45.74	-41.23	4.5	-	-	Horizontal	PK	NA
3669.9528	-57.22	-55.48	1.7	-13.0	42.5	Horizontal	PK	PASS
6935.0774	-62.05	-50.51	11.5	-13.0	37.5	Horizontal	PK	PASS
17302.052	-70.17	-46.14	24.0	-13.0	33.1	Horizontal	PK	PASS

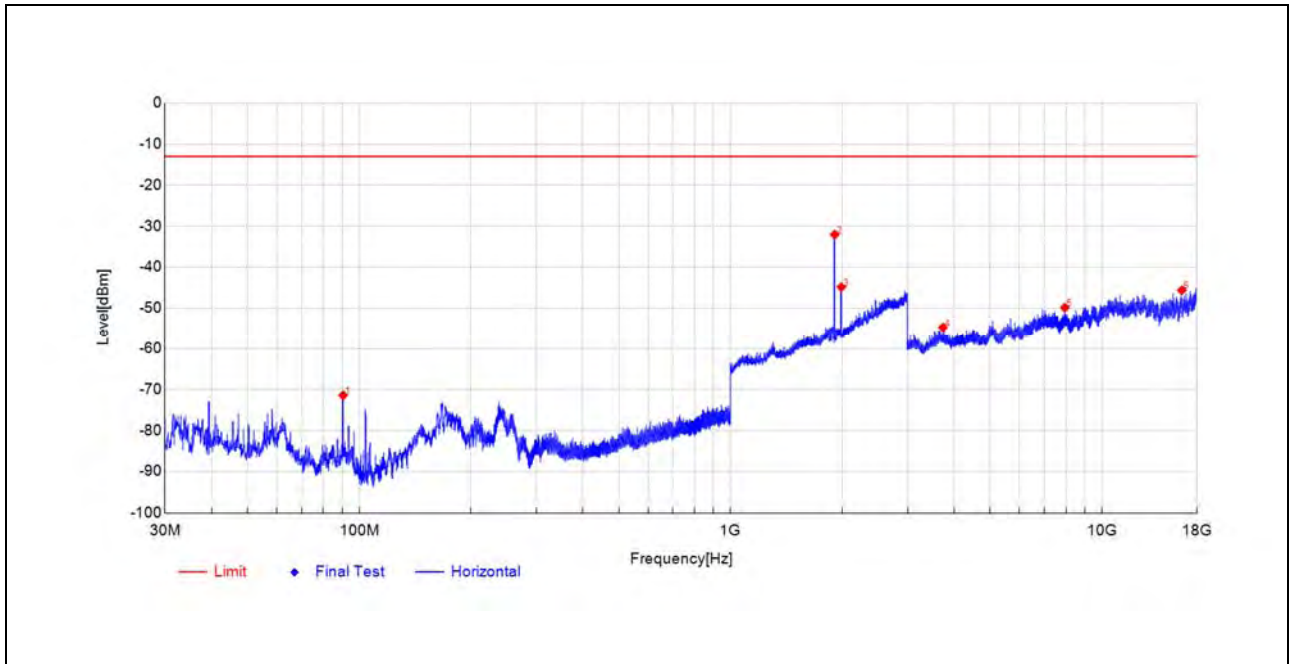




Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-45.65	-67.93	-22.3	-13.0	54.9	Vertical	PK	PASS
1878.9758	-50.06	-44.99	5.1	-	-	Vertical	PK	NA
1960.9922	-35.87	-31.64	4.2	-	-	Vertical	PK	NA
3761.6802	-56.44	-55.37	1.1	-13.0	42.4	Vertical	PK	PASS
6932.1973	-62.62	-51.69	10.9	-13.0	38.7	Vertical	PK	PASS
17280.451	-69.61	-45.11	24.5	-13.0	32.1	Vertical	PK	PASS

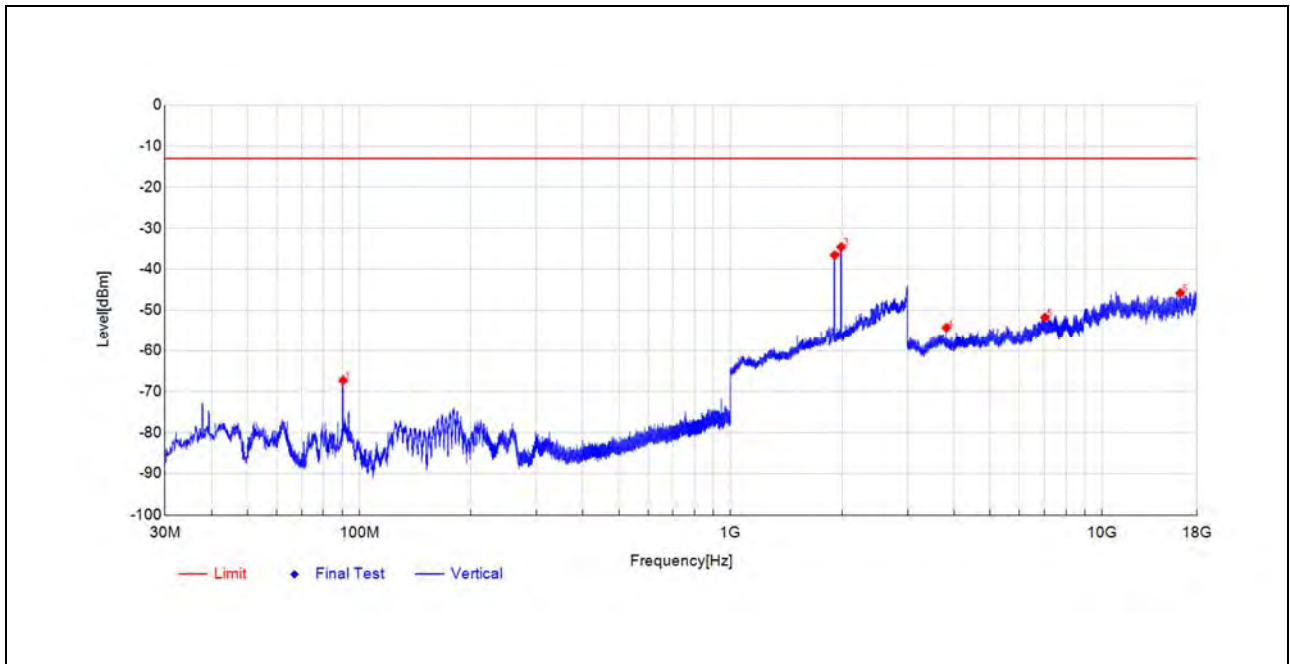


Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-48.09	-71.45	-23.4	-13.0	58.5	Horizontal	PK	PASS
1906.5813	-36.32	-32.04	4.3	-	-	Horizontal	PK	NA
1986.9974	-49.25	-44.84	4.4	-	-	Horizontal	PK	NA
3731.2473	-56.18	-54.71	1.5	-13.0	41.7	Horizontal	PK	PASS
7943.1177	-62.99	-49.86	13.1	-13.0	36.9	Horizontal	PK	PASS
16417.376	-70.78	-45.59	25.2	-13.0	32.6	Horizontal	PK	PASS





Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-45.01	-67.29	-22.3	-13.0	54.3	Vertical	PK	PASS
1906.1812	-41.58	-36.55	5.0	-	-	Vertical	PK	NA
1986.5973	-39.11	-34.56	4.6	-	-	Vertical	PK	NA
3813.9734	-54.95	-54.27	0.7	-13.0	41.3	Vertical	PK	PASS
7021.4809	-62.76	-51.72	11.0	-13.0	38.7	Vertical	PK	PASS
16257.050	-72.02	-45.77	26.3	-13.0	32.8	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	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Conducted Spurious Emission	$\pm 2.77\text{dB}$
Radiated Emission	$\pm 2.95\text{dB}$

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 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	2024.06.22	2025.06.21
				2025.06.20	2026.06.19
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-K K-0.5	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-K KF-2	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-N N-5	Qualwave	2024.09.11	2025.09.10
Preamplifier (10MHz-6GHz)	46732	S10M100L38 02	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L32 03	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

4.3 List of Software Used

Description	Manufacturer	Software Version
JS36-RSE	Tonscend	5.0.0

_____ END OF REPORT _____

