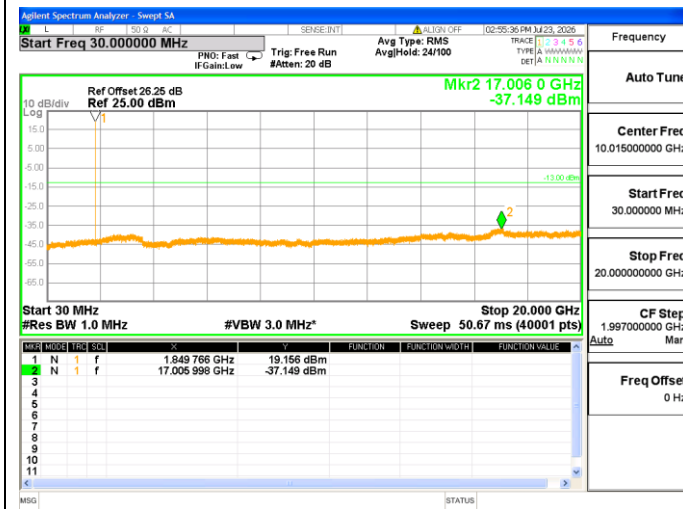
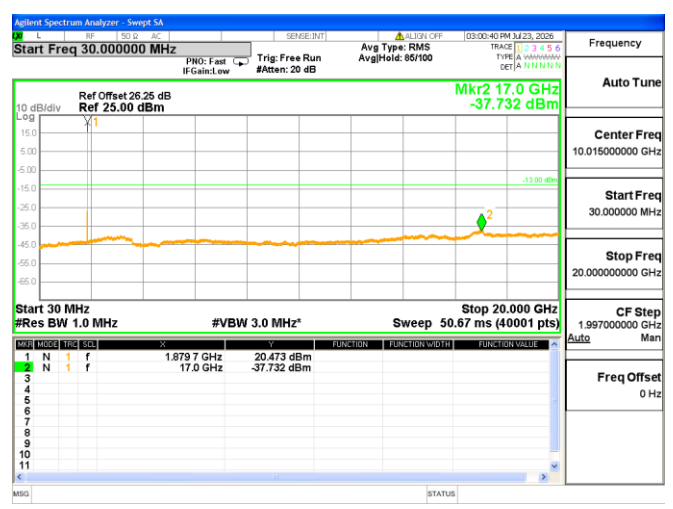




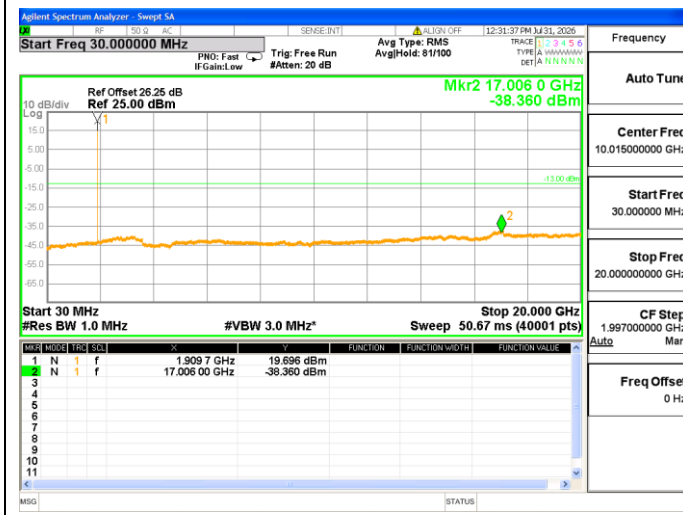
GSM1900(EDGE), CH512, 1850.2MHz



GSM1900(EDGE), CH661, 1880.0MHz



GSM1900(EDGE), CH810, 1909.8MHz

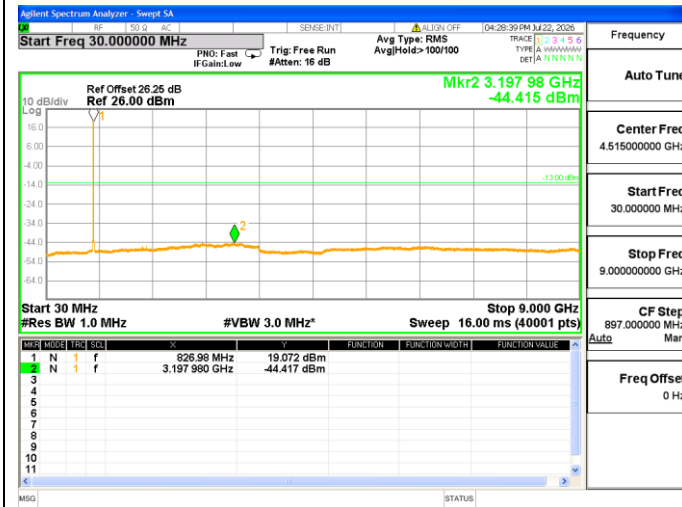


N/A





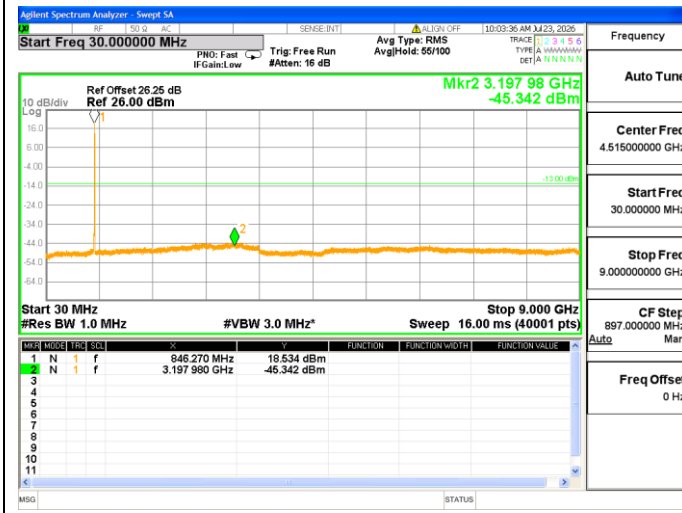
WCDMA Band V, CH4132, 826.4MHz



WCDMA Band V, CH4182, 836.4MHz



WCDMA Band V, CH4233, 846.6MHz

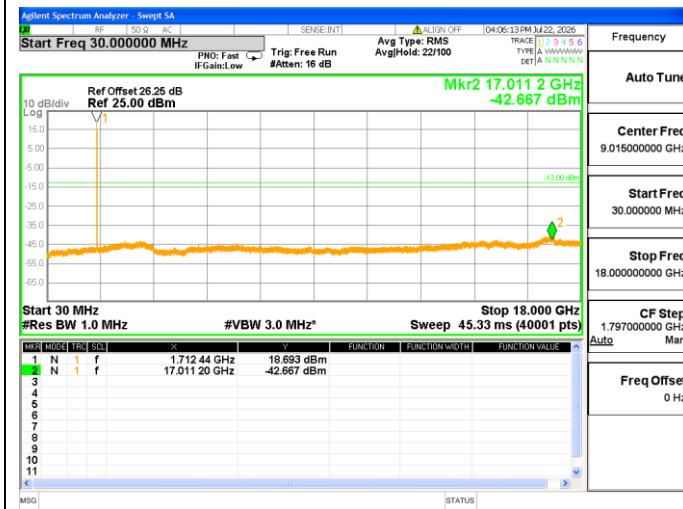


N/A

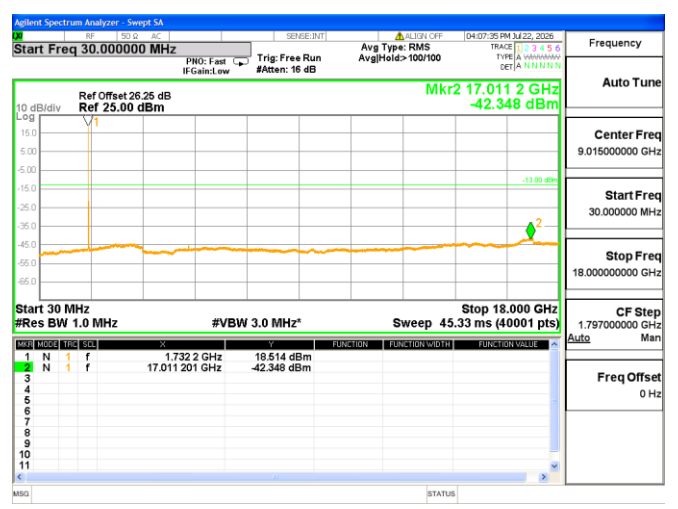




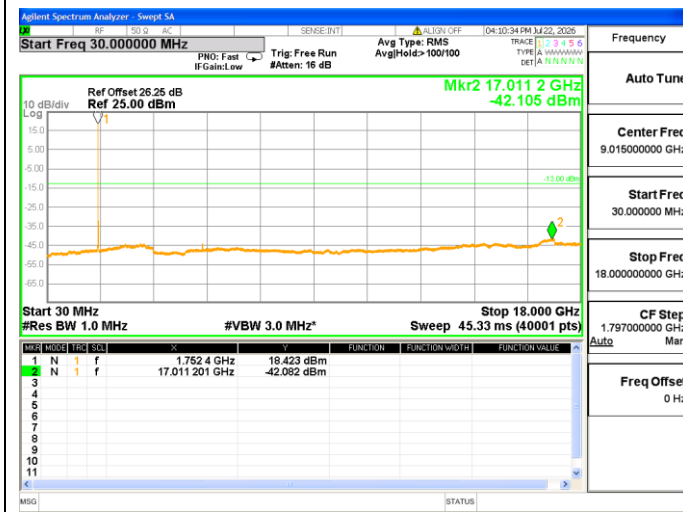
WCDMA Band IV, CH1312, 1712.4MHz



WCDMA Band IV, CH1413, 1732.6MHz



WCDMA Band IV, CH1513, 1752.6MHz

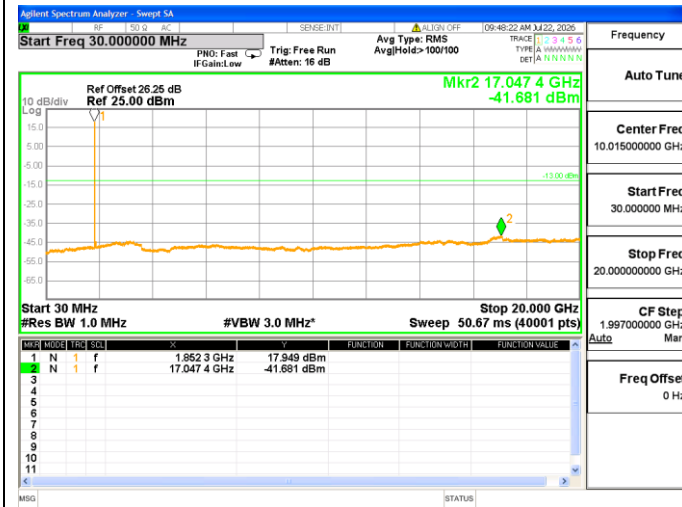


N/A

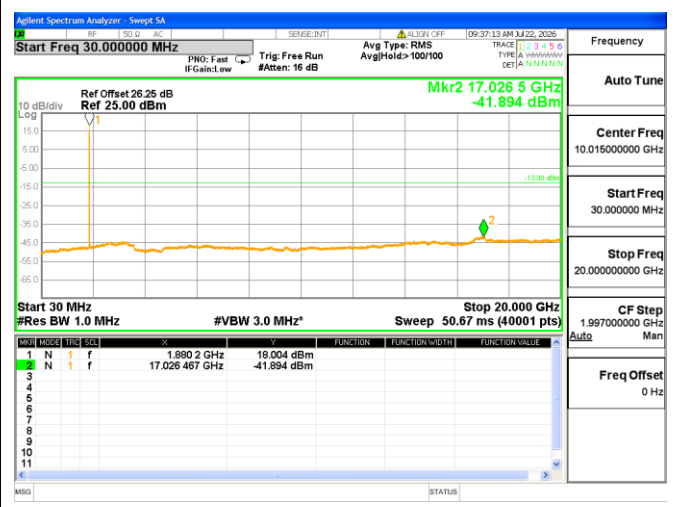




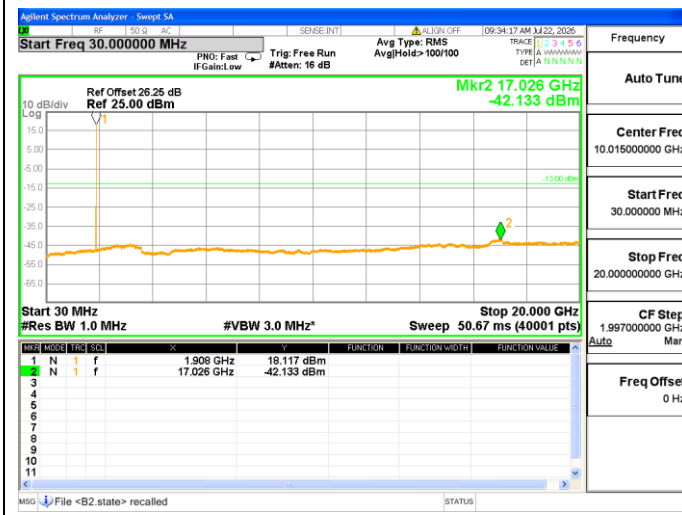
WCDMA Band II, CH9262, 1852.4MHz



WCDMA Band II, CH9400, 1880.0MHz



WCDMA Band II, CH9538, 1907.6MHz



N/A



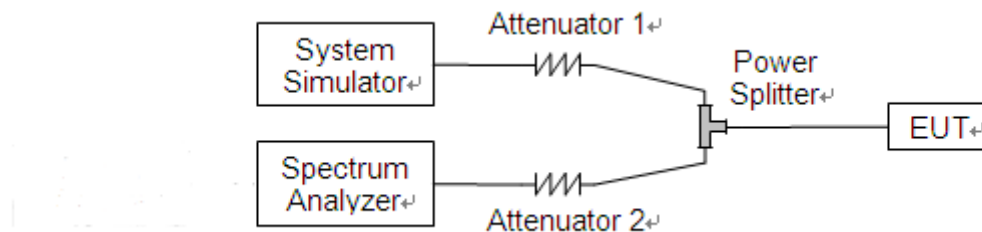
2.6. Band Edge

2.6.1. Requirement

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

2.6.2. Test Description

Test Setup:

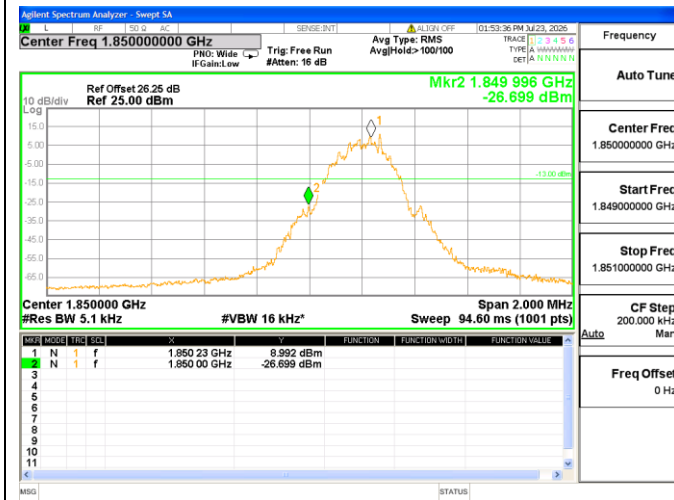


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

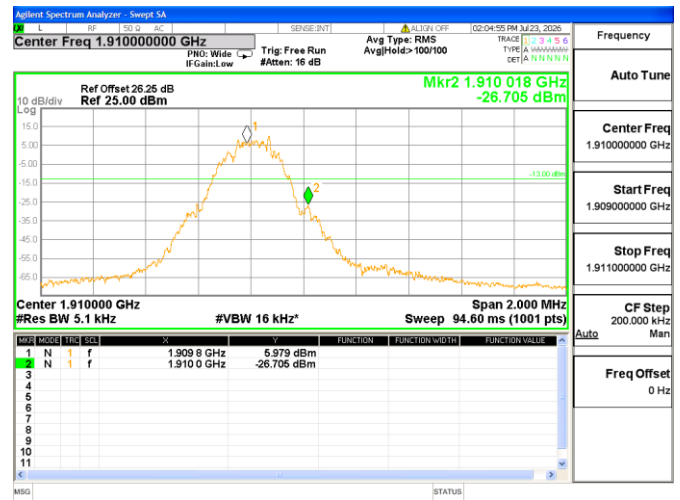




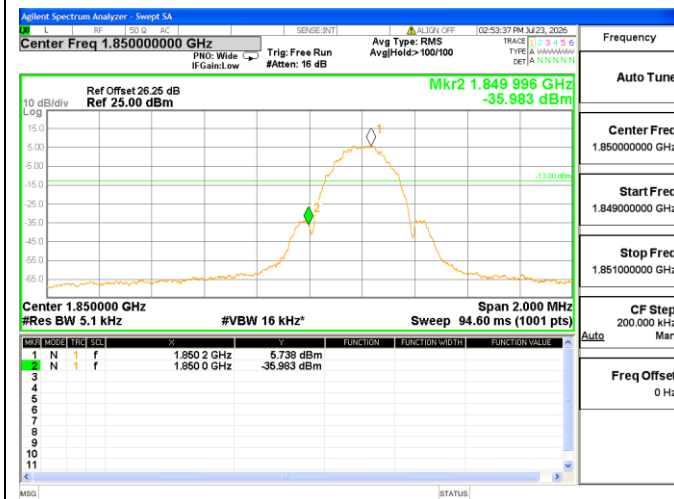
GSM1900(GSM), CH512, 1850.2MHz



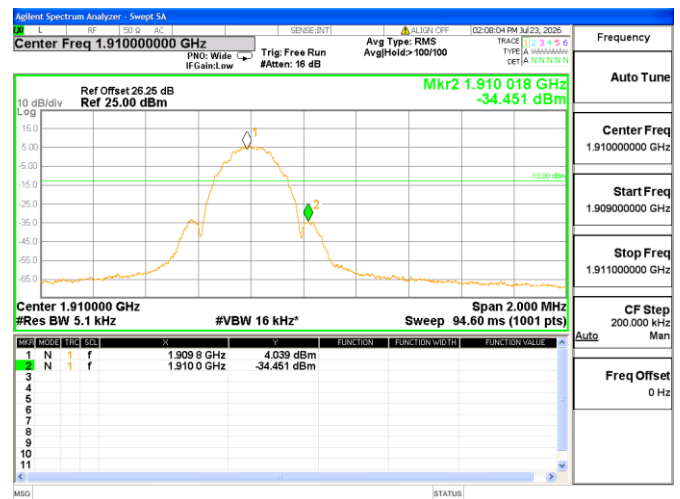
GSM1900(GSM), CH810, 1909.8MHz



GSM1900(EDGE), CH512, 1850.2MHz

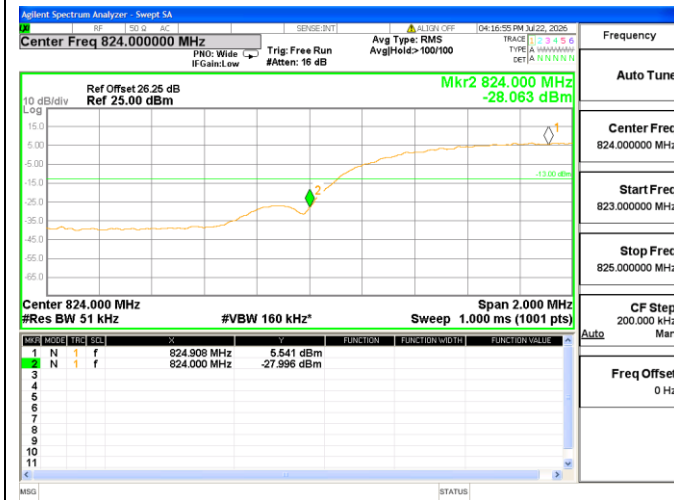


GSM1900(EDGE), CH810, 1909.8MHz

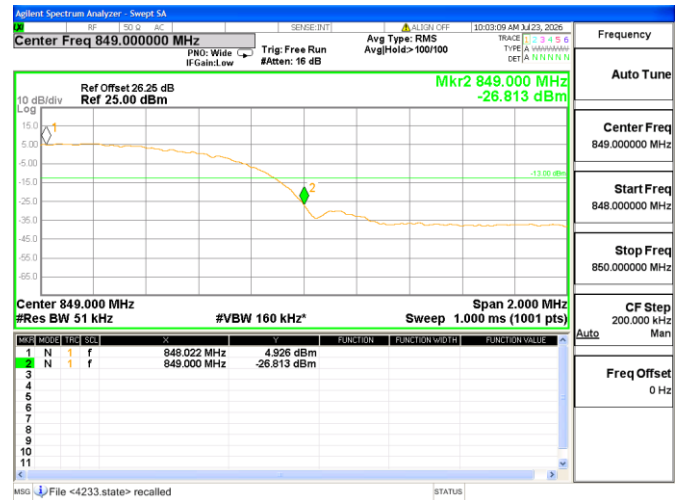




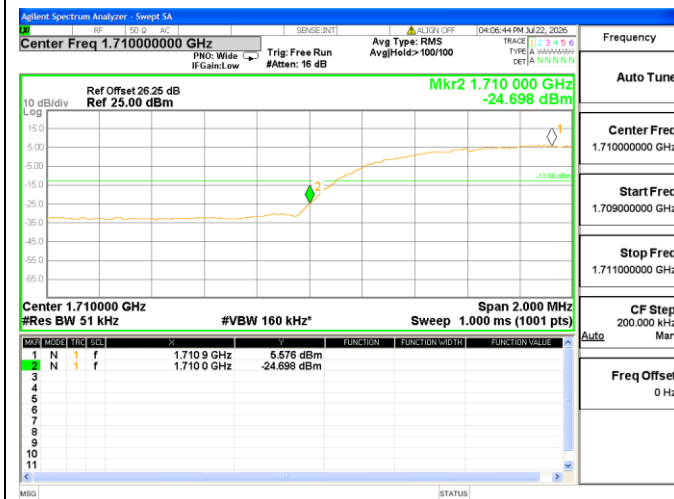
WCDMA Band V, CH4132, 826.4MHz



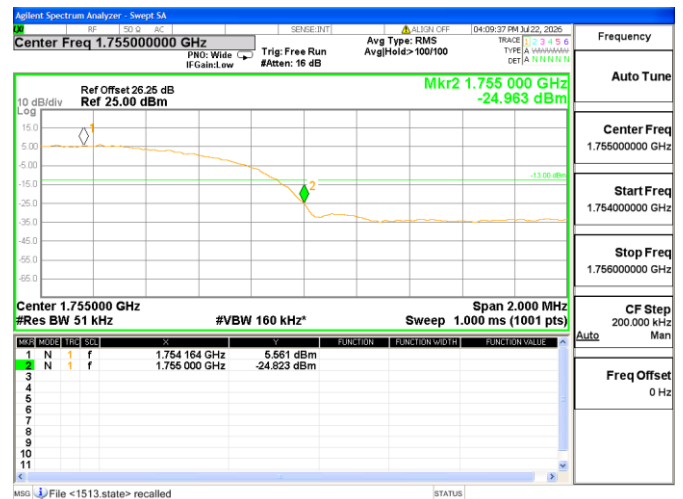
WCDMA Band V, CH4233, 846.6MHz



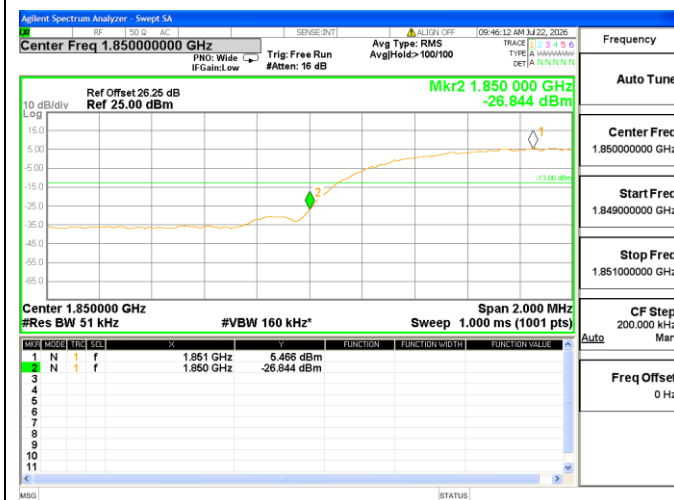
WCDMA Band IV, CH1312, 1712.4MHz



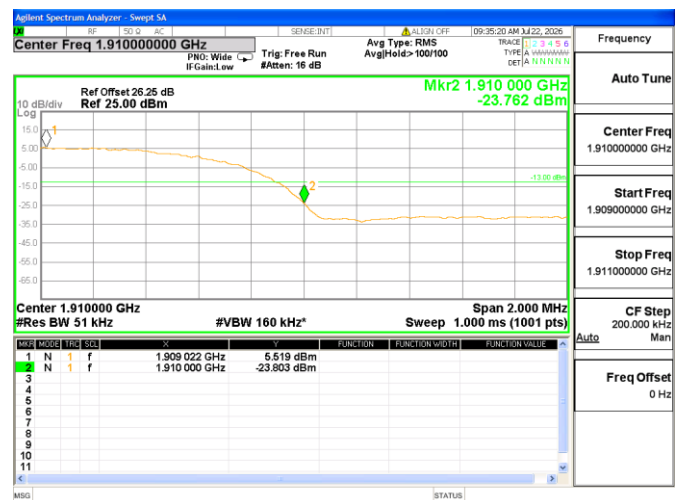
WCDMA Band IV, CH1513, 1752.6MHz



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:

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

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) $\text{E.R.P.} = \text{E.I.R.P.} - 2.15$, where E.R.P. and E.I.R.P. are expressed in consistent units.
- b) $\text{E.I.R.P.} = \text{E.R.P.} + 2.15$, 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	25.56	0.360	38.5	7	PASS
	189	836.40	5	25.51	0.356			PASS
	251	848.80	5	25.64	0.366			PASS
GPRS	128	824.20	5	25.45	0.351	38.5	7	PASS
	189	836.40	5	25.44	0.350			PASS
	251	848.80	5	25.60	0.363			PASS
EDGE	128	824.20	5	20.24	0.106	38.5	7	PASS
	189	836.40	5	20.28	0.107			PASS
	251	848.80	5	20.19	0.104			PASS
Note 1: For the GPRS and EDGE mode, all the slots were tested and just the worst data were recorded in this report.								

GSM1900								
Band	Channel	Frequency (MHz)	PCL	Measured E.I.R.P.		Limit		Verdict
				dBm	W	dBm	W	
GSM	512	1850.2	0	29.32	0.855	33	2	PASS
	661	1880.0	0	29.52	0.895			PASS
	810	1909.8	0	29.36	0.863			PASS
GPRS	512	1850.2	0	29.28	0.847	33	2	PASS
	661	1880.0	0	29.42	0.875			PASS
	810	1909.8	0	29.30	0.851			PASS
EDGE	512	1850.2	0	26.68	0.466	33	2	PASS
	661	1880.0	0	26.61	0.458			PASS
	810	1909.8	0	26.56	0.453			PASS
Note 1: For the GPRS and EDGE mode, all the slots were tested and just the worst data were recorded in this report.								



WCDMA Band V							
Band	Channel	Frequency (MHz)	Measured E.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	4132	826.4	16.21	0.042	38.5	7	PASS
	4182	836.4	16.33	0.043			PASS
	4233	846.6	16.26	0.042			PASS
HSDPA	4132	826.4	15.86	0.039	38.5	7	PASS
	4182	836.4	15.84	0.038			PASS
	4233	846.6	15.73	0.037			PASS
DC-HSD PA	4132	826.4	15.84	0.038	38.5	7	PASS
	4182	836.4	15.91	0.039			PASS
	4233	846.6	15.78	0.038			PASS
HSUPA	4132	826.4	15.24	0.033	38.5	7	PASS
	4182	836.4	15.31	0.034			PASS
	4233	846.6	15.36	0.034			PASS
HSPA+	4132	826.4	14.48	0.028	38.5	7	PASS
	4182	836.4	14.45	0.028			PASS
	4233	846.6	14.42	0.028			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							



WCDMA Band IV							
Band	Channel	Frequency (MHz)	Measured E.I.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	1312	1712.4	22.69	0.186	30	1	PASS
	1413	1732.6	22.71	0.187			PASS
	1513	1752.6	22.61	0.182			PASS
HSDPA	1312	1712.4	21.33	0.136	30	1	PASS
	1413	1732.6	21.74	0.149			PASS
	1513	1752.6	21.75	0.150			PASS
DC-HSD PA	1312	1712.4	21.98	0.158	30	1	PASS
	1413	1732.6	21.97	0.157			PASS
	1513	1752.6	21.89	0.155			PASS
HSUPA	1312	1712.4	21.27	0.134	30	1	PASS
	1413	1732.6	21.24	0.133			PASS
	1513	1752.6	21.12	0.129			PASS
HSPA+	1312	1712.4	20.47	0.111	30	1	PASS
	1413	1732.6	20.44	0.111			PASS
	1513	1752.6	21.00	0.126			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							



WCDMA Band II							
Band	Channel	Frequency (MHz)	Measured E.I.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	9262	1852.4	22.83	0.192	33	2	PASS
	9400	1880.0	22.96	0.198			PASS
	9538	1907.6	22.92	0.196			PASS
HSDPA	9262	1852.4	22.00	0.158	33	2	PASS
	9400	1880.0	22.28	0.169			PASS
	9538	1907.6	22.17	0.165			PASS
DC-HSD PA	9262	1852.4	22.35	0.172	33	2	PASS
	9400	1880.0	22.17	0.165			PASS
	9538	1907.6	22.03	0.160			PASS
HSUP	9262	1852.4	21.67	0.147	33	2	PASS
	9400	1880.0	21.53	0.142			PASS
	9538	1907.6	21.67	0.147			PASS
HSPA+	9262	1852.4	21.06	0.128	33	2	PASS
	9400	1880.0	20.98	0.125			PASS
	9538	1907.6	20.99	0.126			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

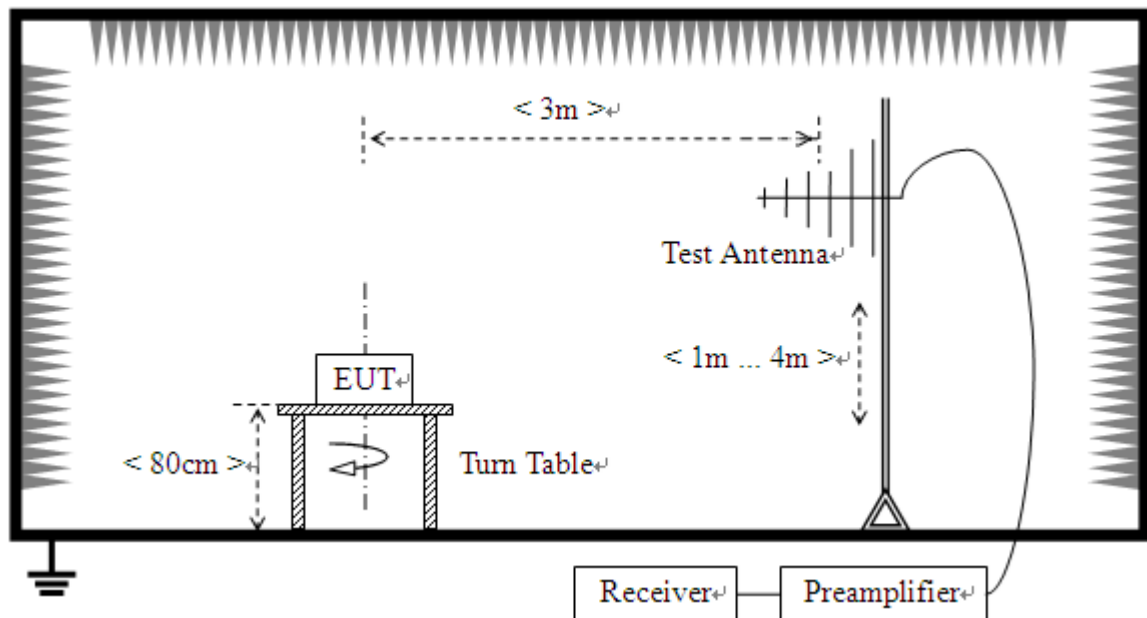


2.8. Radiated Out of Band Emissions

2.8.1. Requirement

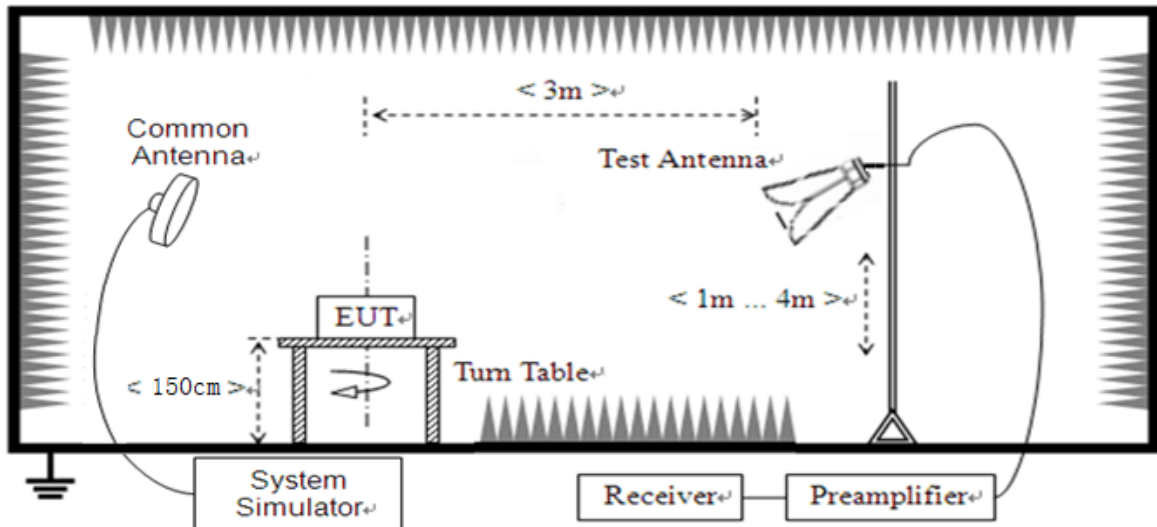
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10\log(P)$ dB. This calculated to be -13dBm. The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency.

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

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





2.8.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

The substitution corrections are obtained as described below:

$$A_{\text{SUBST}} = P_{\text{SUBST_TX}} - P_{\text{SUBST_RX}} - L_{\text{SUBST_CABLES}} + G_{\text{SUBST_TX_ANT}}$$

$$A_{\text{TOT}} = L_{\text{CABLES}} + A_{\text{SUBST}}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

$P_{\text{SUBST_TX}}$ is signal generator level,

$P_{\text{SUBST_RX}}$ is receiver level,

$L_{\text{SUBST_CABLES}}$ is cable losses including TX cable,

$G_{\text{SUBST_TX_ANT}}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the test spectrum analyze, so spectrum analyze reading is the final values which contain the data of A_{TOT} .

Note1: The power of the EUT transmitting frequency should be ignored.

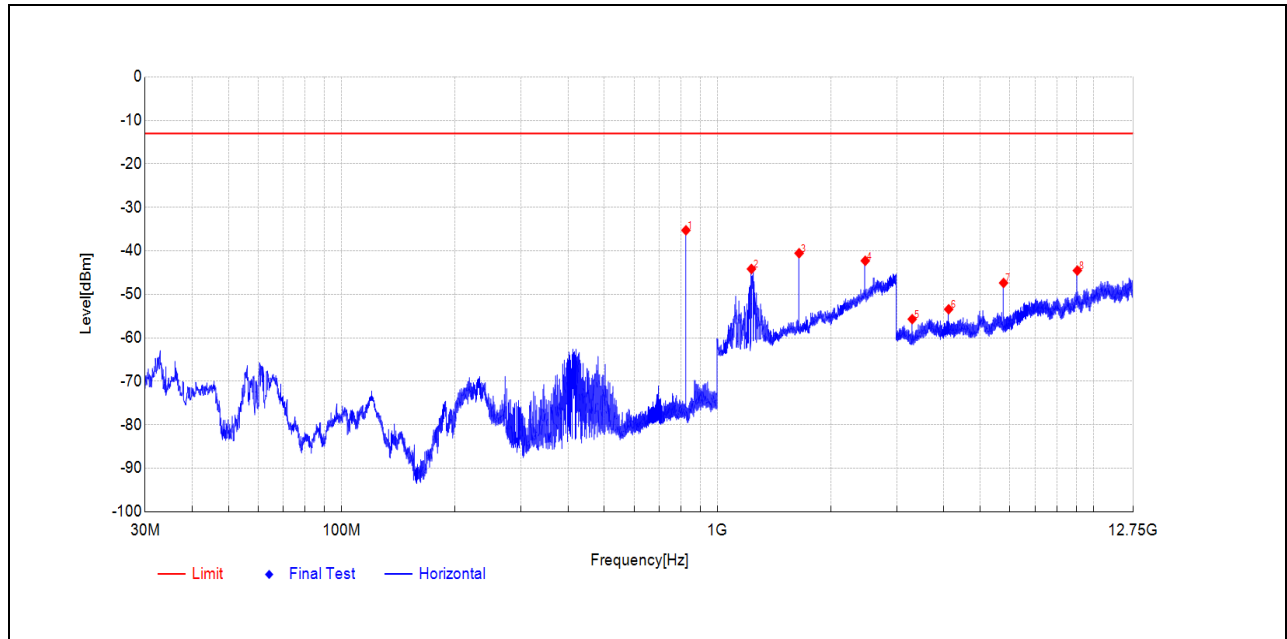
Note2: All test mode and condition mentioned were considered and evaluated respectively by performing full test, only the worst data were recorded and reported.

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.



1. Top Antenna

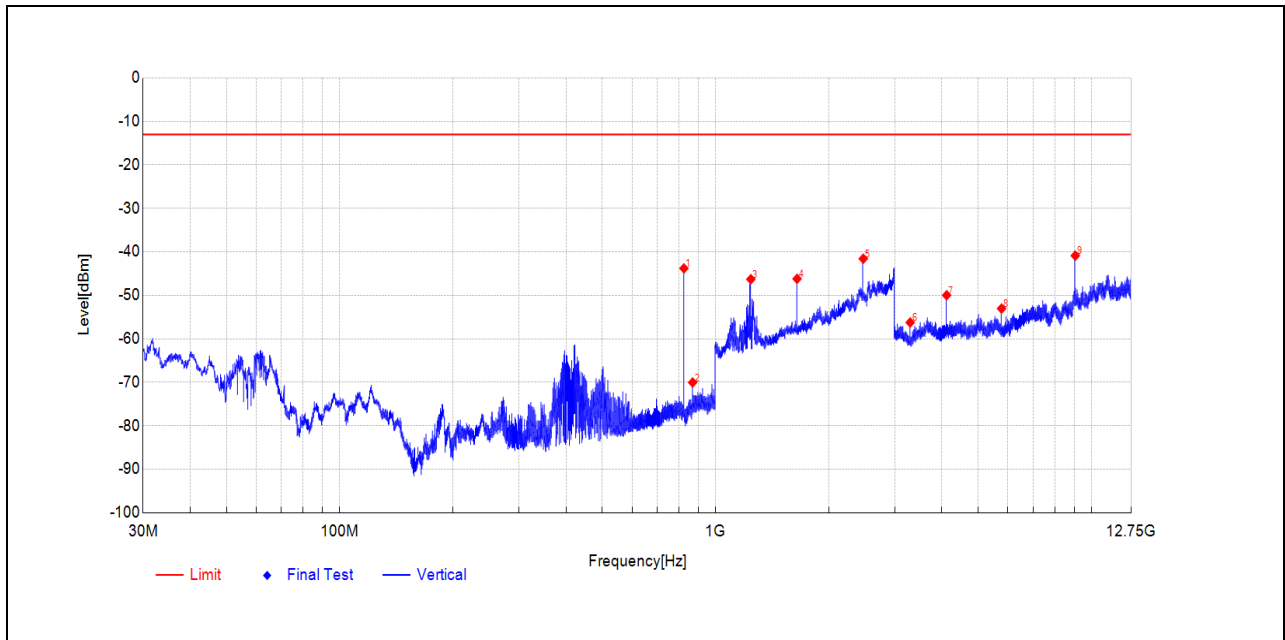


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	824.2272	-29.46	-35.26	-5.8	-	-	Horizontal	PK	103	NA
2	1230.8462	-42.10	-44.15	-2.1	-13.0	31.2	Horizontal	PK	46	PASS
3	1648.5297	-43.18	-40.54	2.6	-13.0	27.5	Horizontal	PK	108	PASS
4	2472.6945	-52.62	-42.28	10.3	-13.0	29.3	Horizontal	PK	253	PASS
5	3296.4148	-54.43	-55.70	-1.3	-13.0	42.7	Horizontal	PK	80	PASS
6	4120.8185	-55.53	-53.43	2.1	-13.0	40.4	Horizontal	PK	144	PASS
7	5768.6509	-54.75	-47.37	7.4	-13.0	34.4	Horizontal	PK	0	PASS
8	9066.2658	-60.19	-44.52	15.7	-13.0	31.5	Horizontal	PK	40	PASS

H_GSM_850_LOW_30M-12.75G



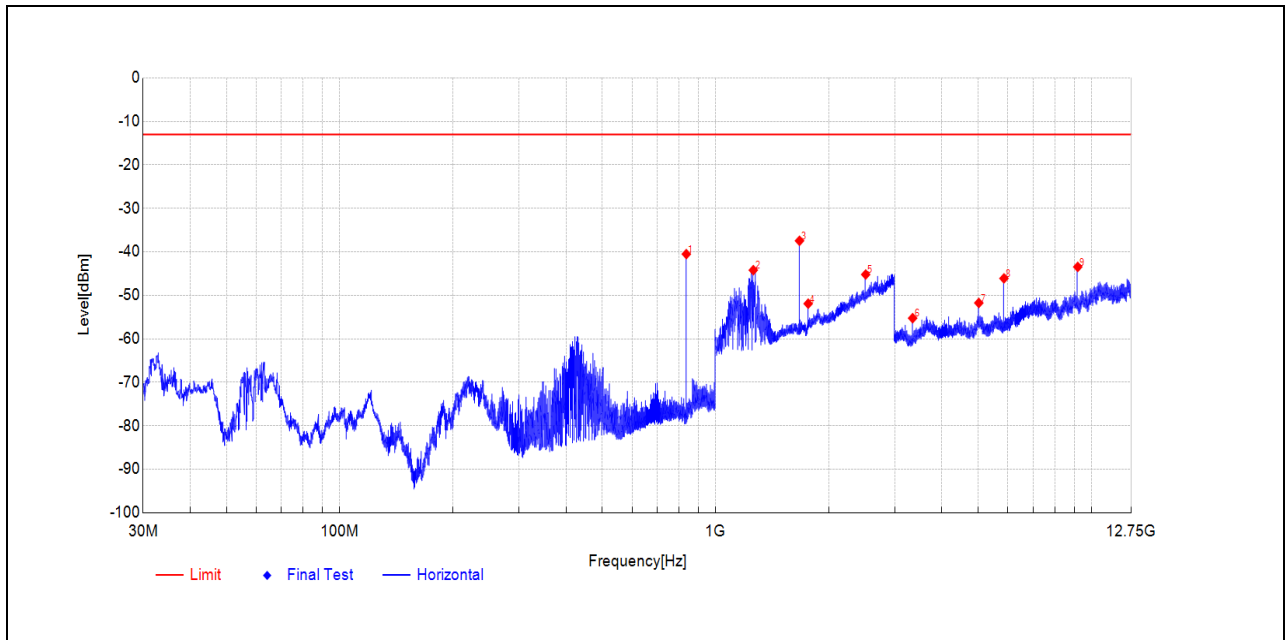


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	824.1302	-37.90	-43.79	-5.9	-	-	Vertical	PK	97	NA
2	869.1405	-65.17	-70.04	-4.9	-	-	Vertical	PK	355	NA
3	1241.6483	-44.81	-46.28	-1.5	-13.0	33.3	Vertical	PK	129	PASS
4	1648.5297	-48.67	-46.19	2.5	-13.0	33.2	Vertical	PK	87	PASS
5	2472.6945	-52.00	-41.57	10.4	-13.0	28.6	Vertical	PK	46	PASS
6	3296.9023	-55.06	-56.23	-1.2	-13.0	43.2	Vertical	PK	0	PASS
7	4120.331	-52.11	-49.97	2.1	-13.0	37.0	Vertical	PK	163	PASS
8	5769.626	-59.59	-53.04	6.6	-13.0	40.0	Vertical	PK	333	PASS
9	9066.7533	-57.11	-40.87	16.2	-13.0	27.9	Vertical	PK	333	PASS

V_GSM_850_LOW_30M-12.75G



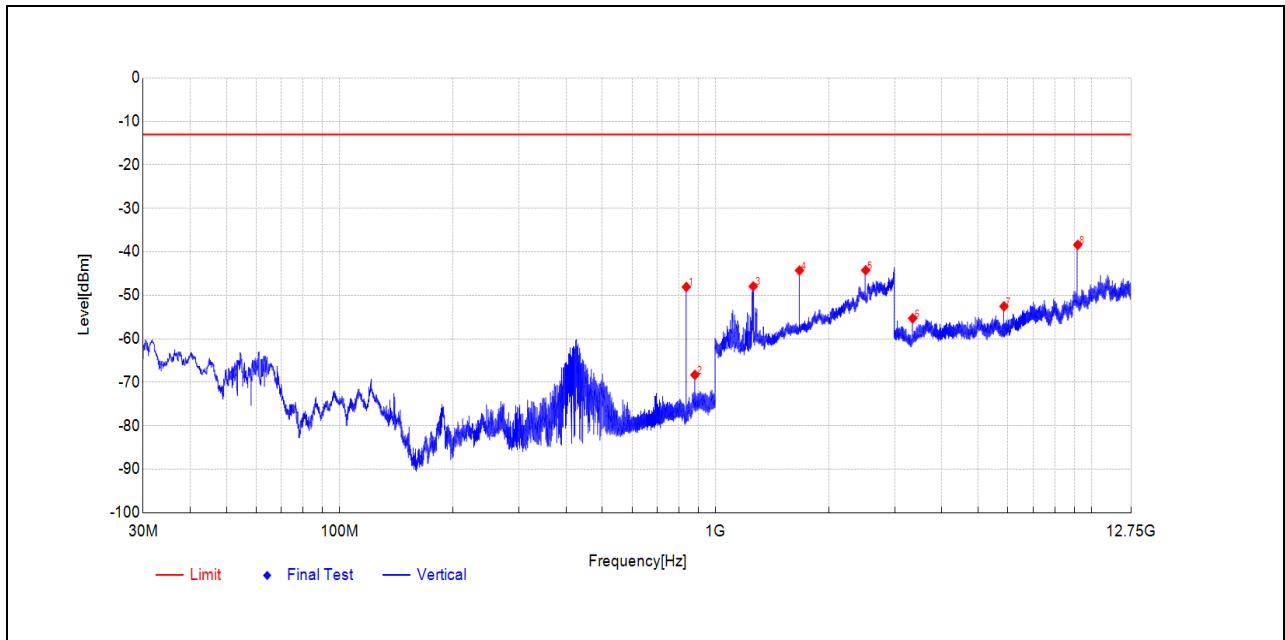


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	836.3043	-34.97	-40.51	-5.5	-	-	Horizontal	PK	78	NA
2	1260.4521	-43.21	-44.20	-1.0	-13.0	31.2	Horizontal	PK	46	PASS
3	1672.9346	-39.95	-37.45	2.5	-13.0	24.5	Horizontal	PK	5	PASS
4	1764.1528	-55.12	-51.91	3.2	-13.0	38.9	Horizontal	PK	315	PASS
5	2509.5019	-55.27	-45.20	10.1	-13.0	32.2	Horizontal	PK	356	PASS
6	3345.6548	-54.62	-55.24	-0.6	-13.0	42.2	Horizontal	PK	314	PASS
7	5018.3509	-57.83	-51.74	6.1	-13.0	38.7	Horizontal	PK	227	PASS
8	5854.4552	-53.69	-46.09	7.6	-13.0	33.1	Horizontal	PK	355	PASS
9	9200.8225	-59.63	-43.45	16.2	-13.0	30.5	Horizontal	PK	314	PASS

H_GSM_850_MID_30M-12.75G



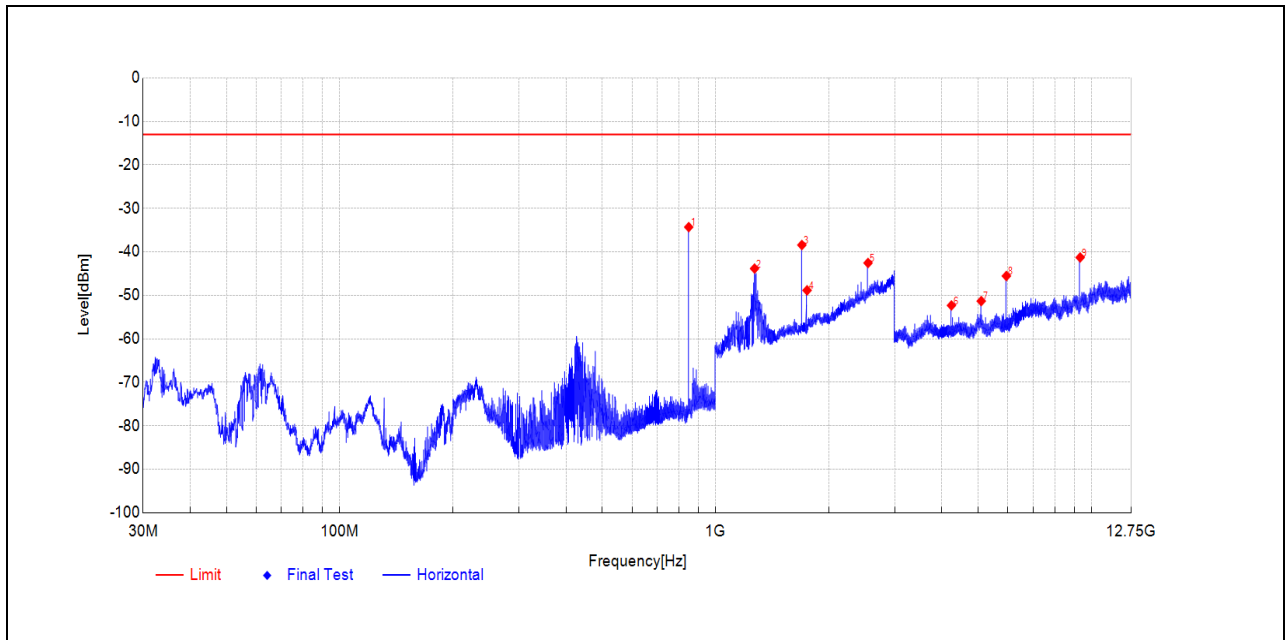


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	836.4498	-42.23	-48.06	-5.8	-	-	Vertical	PK	56	NA
2	881.4116	-63.82	-68.29	-4.5	-	-	Vertical	PK	355	NA
3	1260.052	-47.05	-47.93	-0.9	-13.0	34.9	Vertical	PK	46	PASS
4	1672.9346	-47.03	-44.28	2.8	-13.0	31.3	Vertical	PK	356	PASS
5	2508.7017	-54.08	-44.23	9.9	-13.0	31.2	Vertical	PK	129	PASS
6	3345.6548	-54.79	-55.29	-0.5	-13.0	42.3	Vertical	PK	333	PASS
7	5854.9427	-59.18	-52.53	6.7	-13.0	39.5	Vertical	PK	77	PASS
8	9199.8475	-55.34	-38.38	17.0	-13.0	25.4	Vertical	PK	333	PASS

V_GSM_850_MID_30M-12.75G



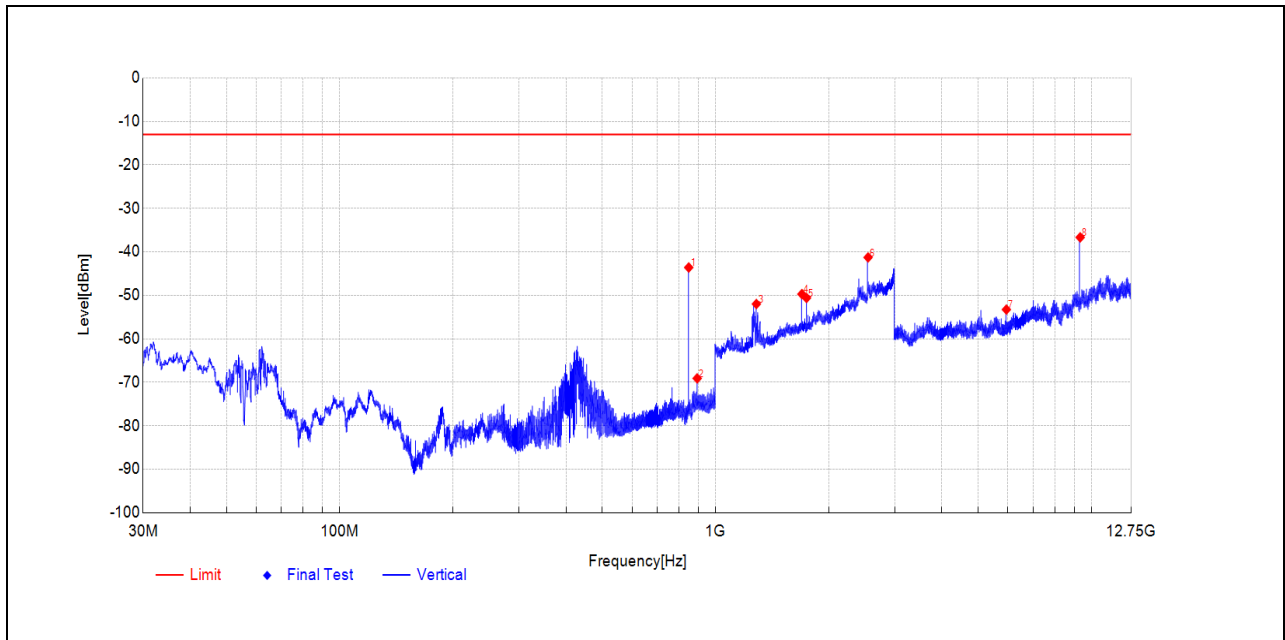


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	848.7209	-29.11	-34.30	-5.2	-	-	Horizontal	PK	76	NA
2	1270.054	-43.23	-43.84	-0.6	-13.0	30.8	Horizontal	PK	150	PASS
3	1697.7395	-41.35	-38.42	2.9	-13.0	25.4	Horizontal	PK	5	PASS
4	1752.1504	-51.61	-48.85	2.8	-13.0	35.9	Horizontal	PK	253	PASS
5	2545.9092	-53.57	-42.55	11.0	-13.0	29.6	Horizontal	PK	253	PASS
6	4243.6747	-54.59	-52.32	2.3	-13.0	39.3	Horizontal	PK	0	PASS
7	5093.4297	-57.38	-51.31	6.1	-13.0	38.3	Horizontal	PK	12	PASS
8	5941.2346	-53.40	-45.55	7.9	-13.0	32.6	Horizontal	PK	312	PASS
9	9337.3294	-56.96	-41.28	15.7	-13.0	28.3	Horizontal	PK	12	PASS

H_GSM_850_HIGH_30M-12.75G



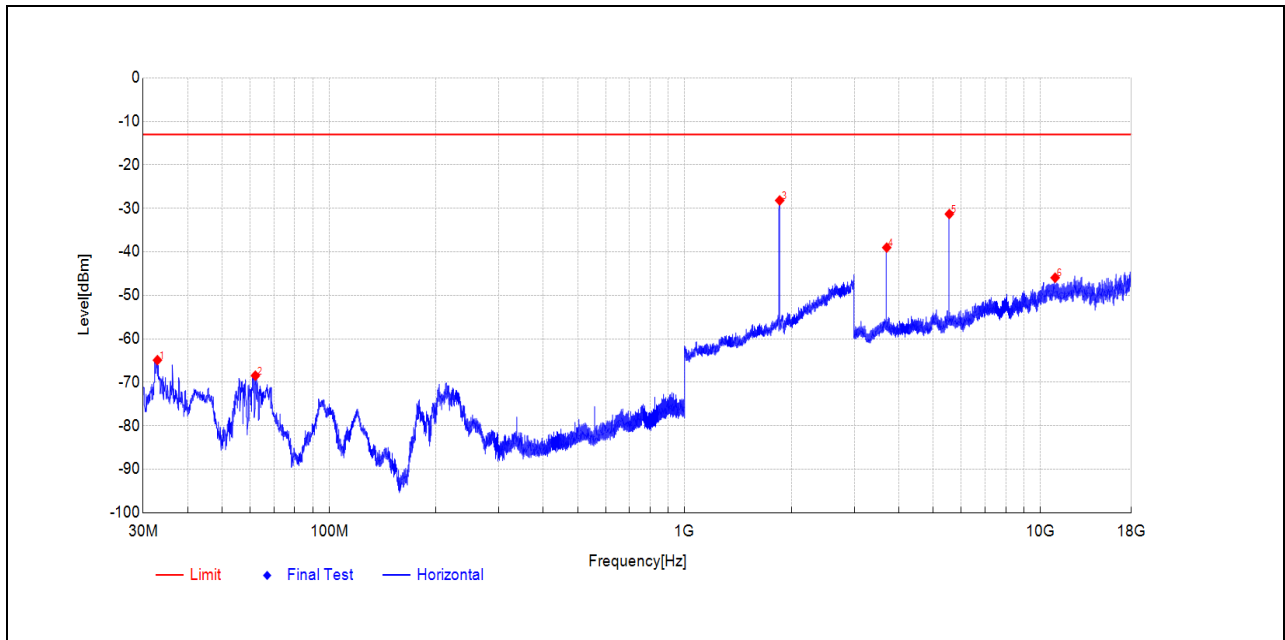


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	848.8664	-38.07	-43.59	-5.5	-	-	Vertical	PK	84	NA
2	893.6827	-64.67	-69.10	-4.4	-	-	Vertical	PK	43	NA
3	1284.4569	-51.56	-51.98	-0.4	-13.0	39.0	Vertical	PK	67	PASS
4	1697.7395	-52.81	-49.71	3.1	-13.0	36.7	Vertical	PK	25	PASS
5	1746.1492	-53.87	-50.59	3.3	-13.0	37.6	Vertical	PK	25	PASS
6	2546.3093	-52.72	-41.27	11.5	-13.0	28.3	Vertical	PK	87	PASS
7	5941.2346	-60.28	-53.26	7.0	-13.0	40.3	Vertical	PK	355	PASS
8	9337.3294	-52.88	-36.66	16.2	-13.0	23.7	Vertical	PK	333	PASS

V_GSM_850_HIGH_30M-12.75G



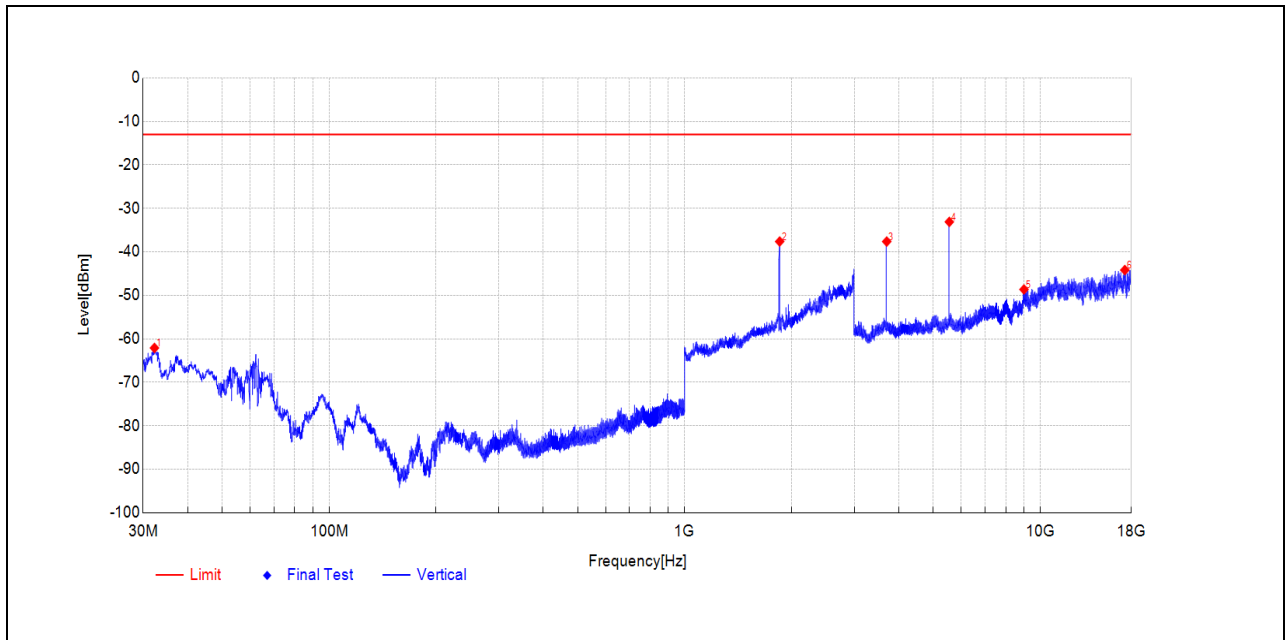


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.9101	-49.69	-64.90	-15.2	-13.0	51.9	Horizontal	PK	355	PASS
2	62.0601	-50.57	-68.47	-17.9	-13.0	55.5	Horizontal	PK	295	PASS
3	1850.17	-32.45	-28.17	4.3	-	-	Horizontal	PK	360	NA
4	3700.3858	-40.79	-39.01	1.8	-13.0	26.0	Horizontal	PK	48	PASS
5	5550.3643	-37.95	-31.29	6.7	-13.0	18.3	Horizontal	PK	355	PASS
6	11011.4005	-66.45	-45.94	20.5	-13.0	32.9	Horizontal	PK	5	PASS

H_GSM_1900_LOW_30M-18G



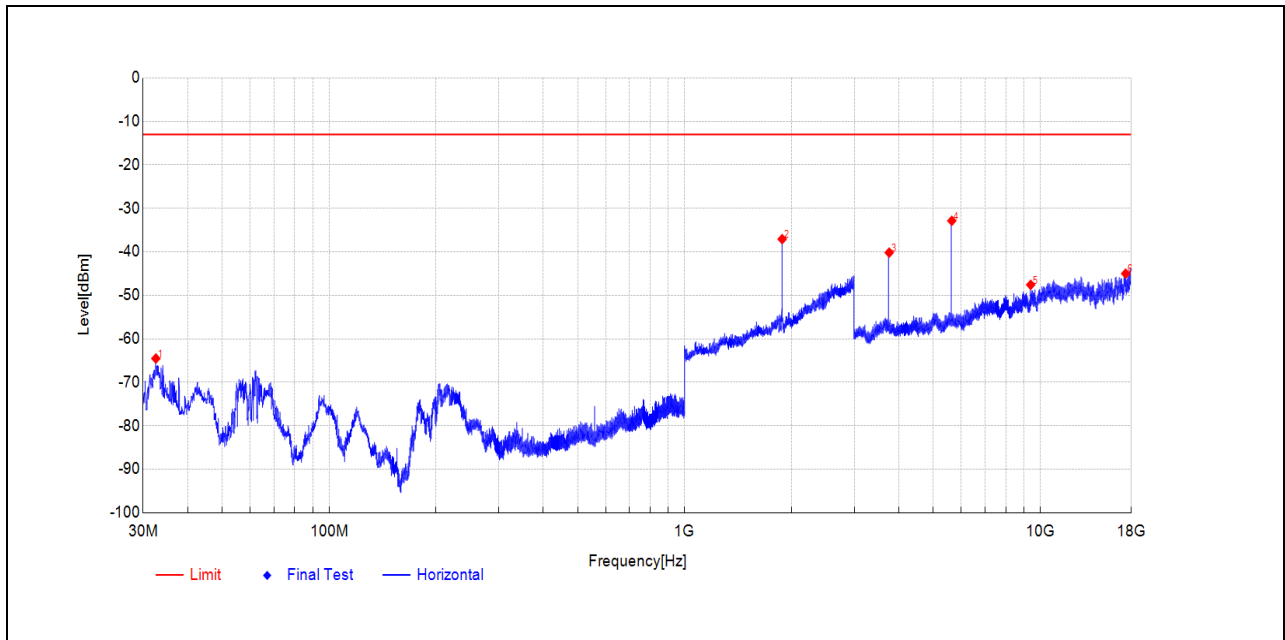


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.2796	-37.63	-62.10	-24.5	-13.0	49.1	Vertical	PK	190	PASS
2	1850.17	-41.93	-37.61	4.3	-	-	Vertical	PK	347	NA
3	3700.3858	-39.39	-37.62	1.8	-13.0	24.6	Vertical	PK	210	PASS
4	5550.793	-39.45	-33.10	6.4	-13.0	20.1	Vertical	PK	68	PASS
5	8998.6799	-64.26	-48.63	15.6	-13.0	35.6	Vertical	PK	198	PASS
6	17288.1315	-68.71	-44.18	24.5	-13.0	31.2	Vertical	PK	47	PASS

V_GSM_1900_LOW_30M-18G



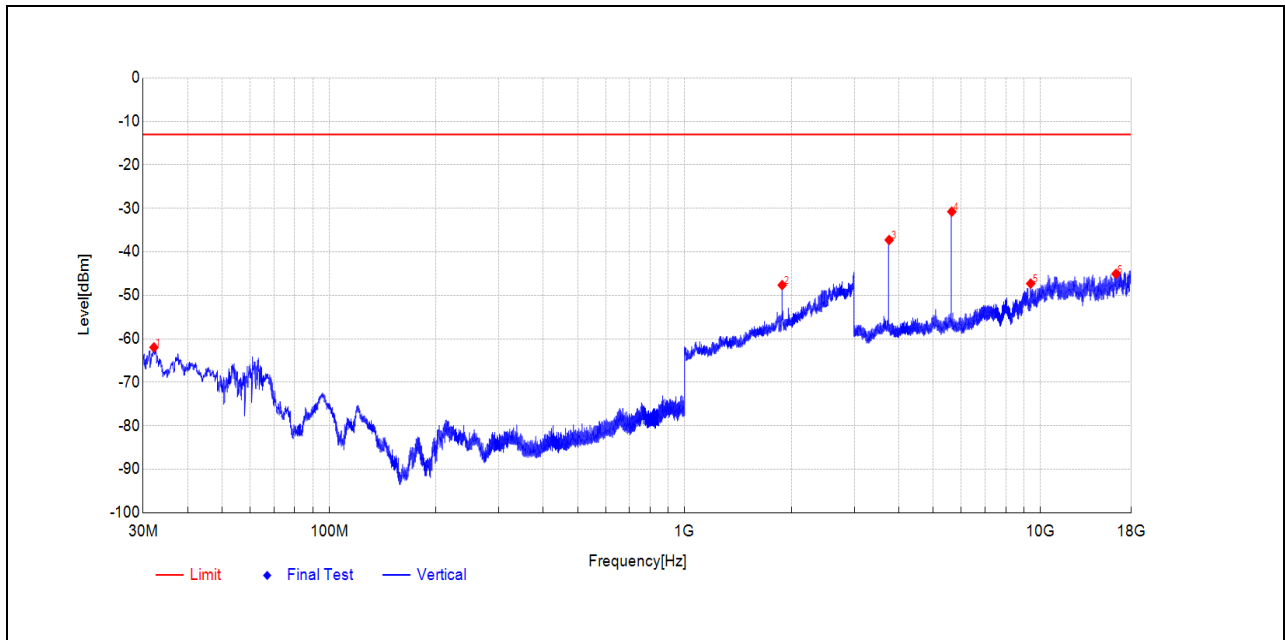


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.5706	-49.31	-64.52	-15.2	-13.0	51.5	Horizontal	PK	335	PASS
2	1880.176	-42.34	-37.06	5.3	-	-	Horizontal	PK	347	NA
3	3759.9657	-41.35	-40.17	1.2	-13.0	27.2	Horizontal	PK	271	PASS
4	5639.9486	-39.95	-32.85	7.1	-13.0	19.9	Horizontal	PK	171	PASS
5	9399.976	-63.88	-47.57	16.3	-13.0	34.6	Horizontal	PK	198	PASS
6	17388.9356	-69.72	-45.00	24.7	-13.0	32.0	Horizontal	PK	240	PASS

H_GSM_1900_MID_30M-18G



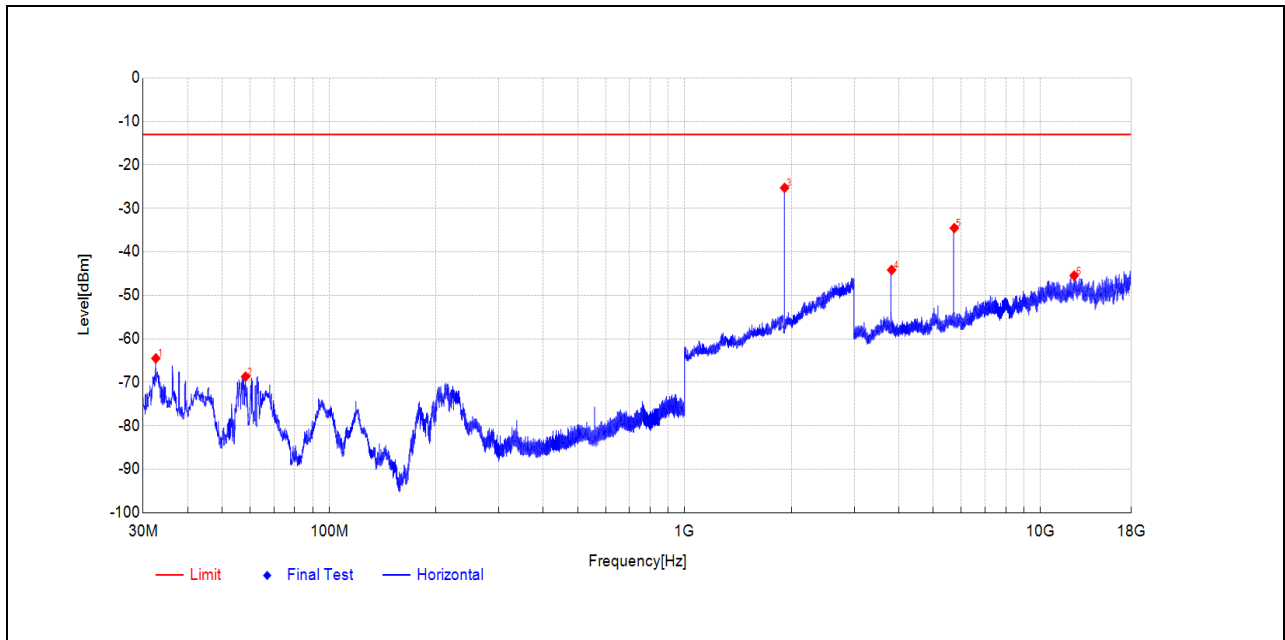


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.1826	-37.47	-61.97	-24.5	-13.0	49.0	Vertical	PK	211	PASS
2	1880.176	-52.75	-47.64	5.1	-	-	Vertical	PK	5	NA
3	3759.9657	-38.35	-37.27	1.1	-13.0	24.3	Vertical	PK	211	PASS
4	5639.9486	-37.45	-30.75	6.7	-13.0	17.8	Vertical	PK	231	PASS
5	9399.496	-63.77	-47.28	16.5	-13.0	34.3	Vertical	PK	347	PASS
6	16333.3733	-70.51	-45.05	25.5	-13.0	32.1	Vertical	PK	47	PASS

V_GSM_1900_MID_30M-18G



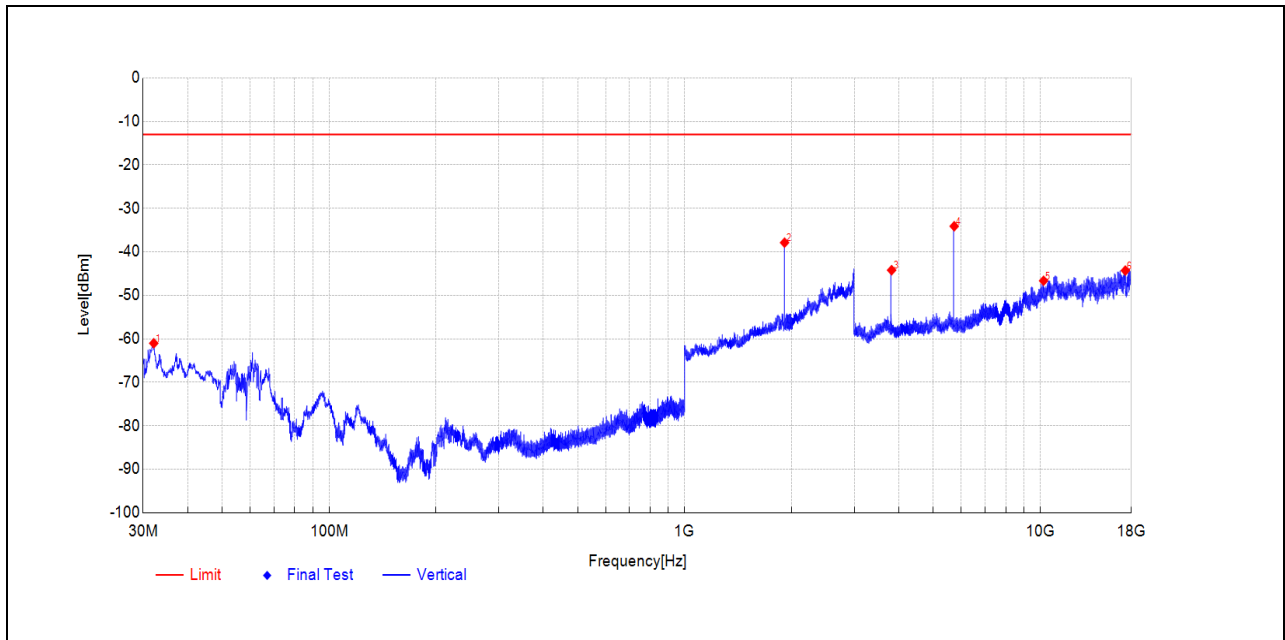


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.5706	-49.28	-64.49	-15.2	-13.0	51.5	Horizontal	PK	355	PASS
2	58.2284	-52.08	-68.69	-16.6	-13.0	55.7	Horizontal	PK	0	PASS
3	1909.782	-29.50	-25.27	4.2	-	-	Horizontal	PK	195	NA
4	3819.5456	-45.04	-44.16	0.9	-13.0	31.2	Horizontal	PK	273	PASS
5	5729.5328	-41.96	-34.53	7.4	-13.0	21.5	Horizontal	PK	335	PASS
6	12457.2183	-67.83	-45.45	22.4	-13.0	32.5	Horizontal	PK	237	PASS

H_GSM_1900_HIGH_30M-18G



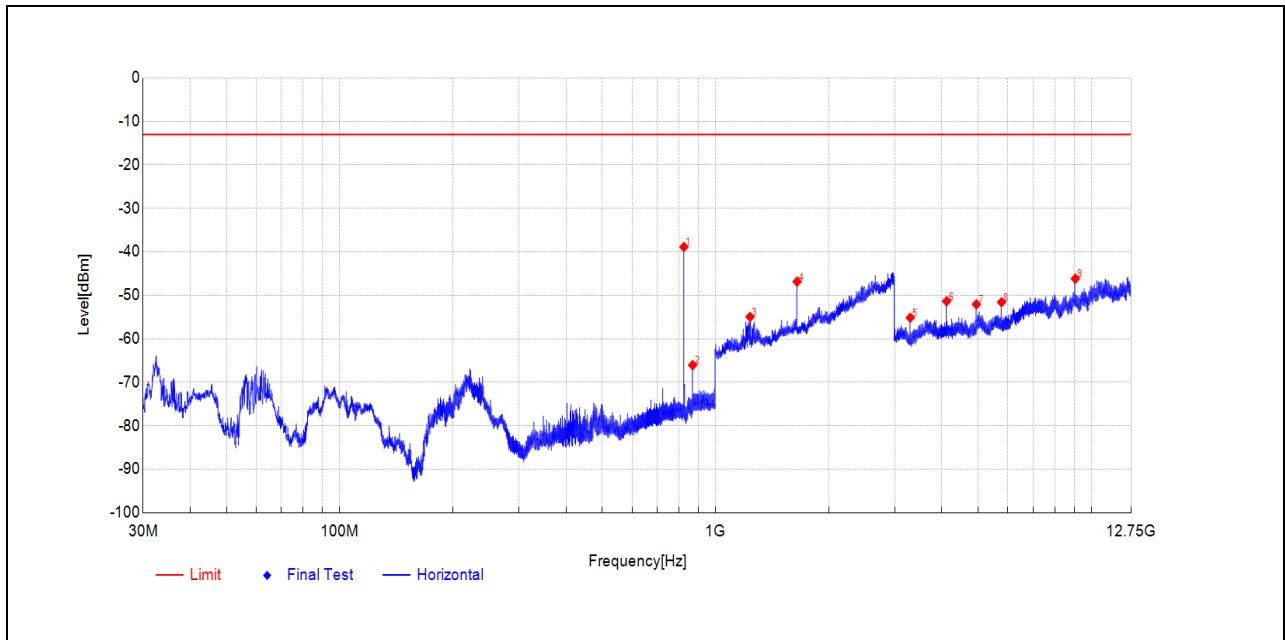


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	32.1341	-36.51	-61.02	-24.5	-13.0	48.0	Vertical	PK	190	PASS
2	1909.782	-42.72	-37.87	4.9	-	-	Vertical	PK	5	NA
3	3819.5456	-44.91	-44.21	0.7	-13.0	31.2	Vertical	PK	5	PASS
4	5729.5328	-40.65	-34.10	6.6	-13.0	21.1	Vertical	PK	250	PASS
5	10218.4087	-66.22	-46.64	19.6	-13.0	33.6	Vertical	PK	261	PASS
6	17348.1339	-69.01	-44.30	24.7	-13.0	31.3	Vertical	PK	69	PASS

V_GSM_1900_HIGH_30M-18G



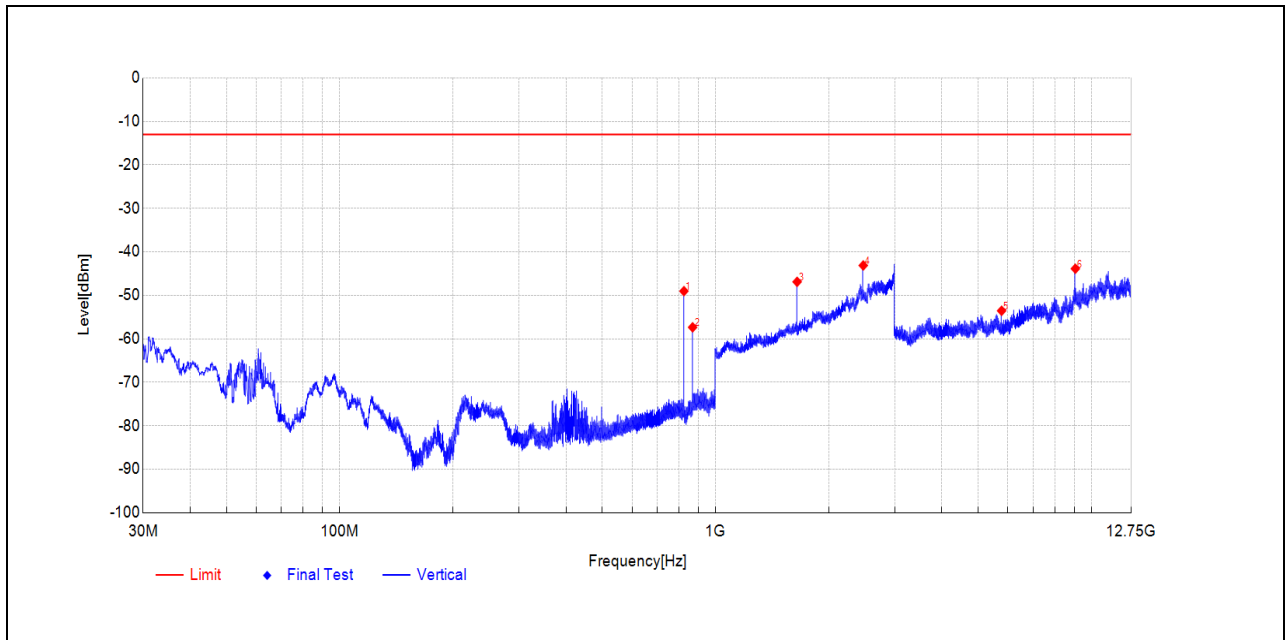


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	824.1302	-33.06	-38.86	-5.8	-	-	Horizontal	PK	160	NA
2	869.189	-61.18	-66.05	-4.9	-	-	Horizontal	PK	96	NA
3	1235.6471	-53.07	-54.95	-1.9	-13.0	42.0	Horizontal	PK	46	PASS
4	1648.5297	-49.48	-46.84	2.6	-13.0	33.8	Horizontal	PK	129	PASS
5	3297.3899	-53.86	-55.15	-1.3	-13.0	42.2	Horizontal	PK	55	PASS
6	4120.8185	-53.44	-51.34	2.1	-13.0	38.3	Horizontal	PK	33	PASS
7	4945.2223	-57.02	-52.06	5.0	-13.0	39.1	Horizontal	PK	96	PASS
8	5769.1385	-58.95	-51.58	7.4	-13.0	38.6	Horizontal	PK	55	PASS
9	9065.7783	-61.83	-46.16	15.7	-13.0	33.2	Horizontal	PK	117	PASS

H_EDGE_850_LOW_30M-12.75G



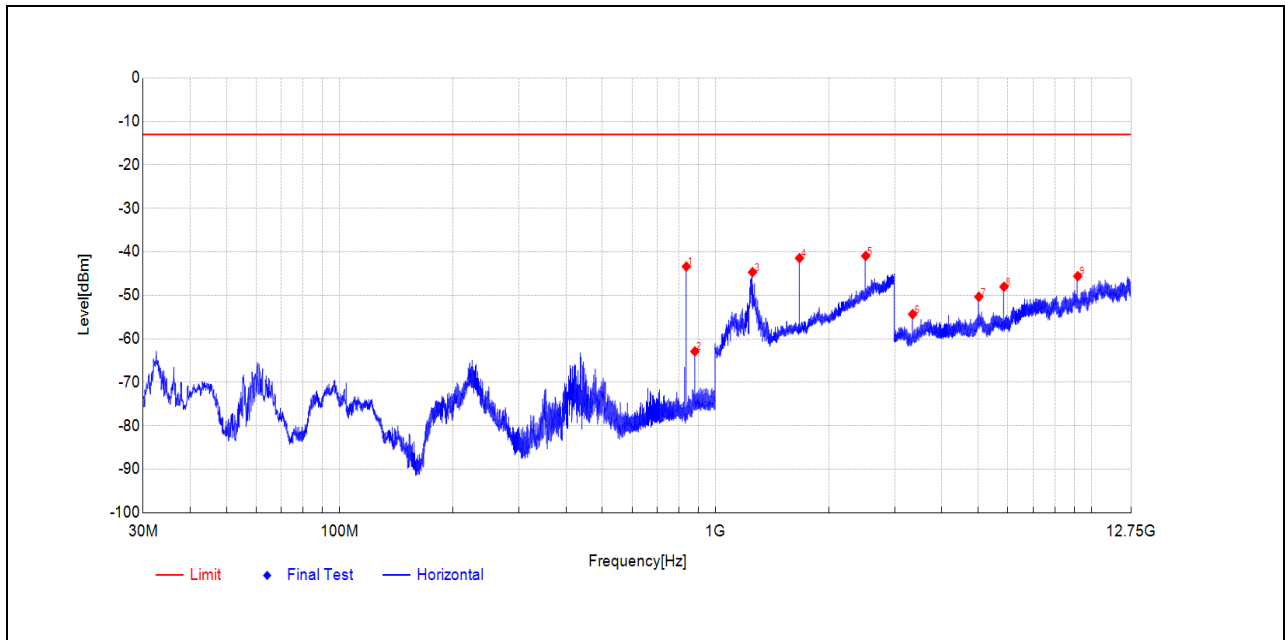


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	824.1302	-43.13	-49.02	-5.9	-	-	Vertical	PK	21	NA
2	869.286	-52.49	-57.35	-4.9	-	-	Vertical	PK	124	NA
3	1648.5297	-49.37	-46.89	2.5	-13.0	33.9	Vertical	PK	108	PASS
4	2472.6945	-53.55	-43.12	10.4	-13.0	30.1	Vertical	PK	336	PASS
5	5770.1135	-60.10	-53.55	6.6	-13.0	40.6	Vertical	PK	167	PASS
6	9065.7783	-60.10	-43.87	16.2	-13.0	30.9	Vertical	PK	42	PASS

V_EDGE_850_LOW_30M-12.75G



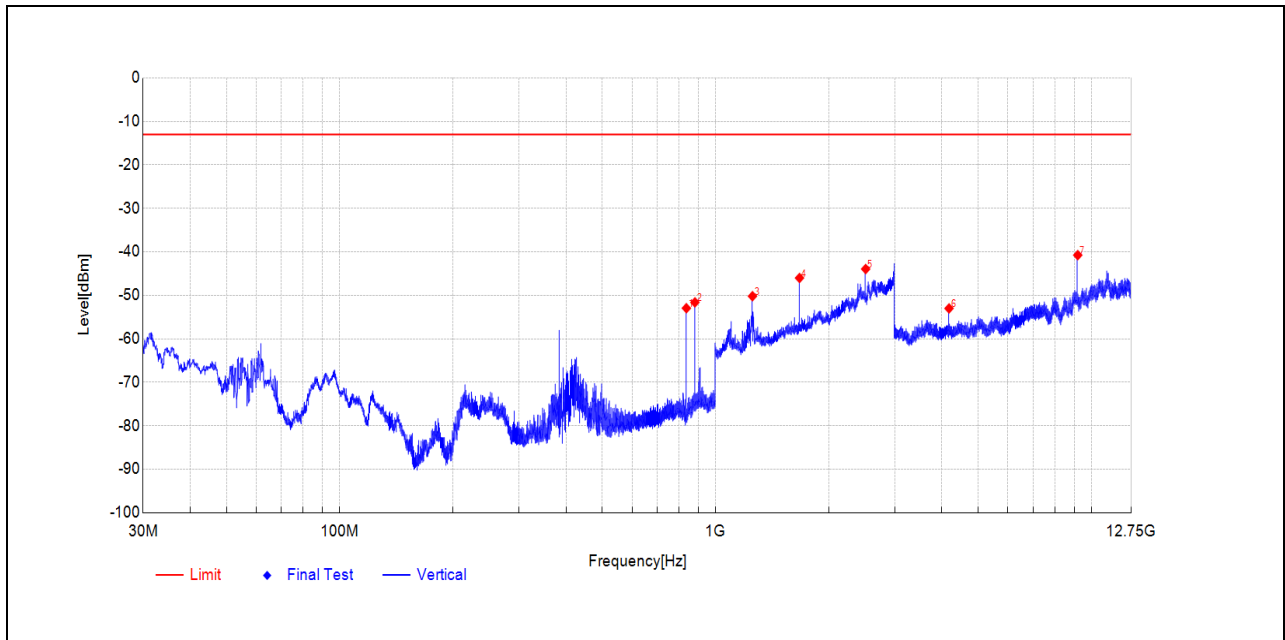


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	836.3528	-37.83	-43.37	-5.5	-	-	Horizontal	PK	146	NA
2	881.3631	-58.15	-62.89	-4.7	-	-	Horizontal	PK	103	NA
3	1254.4509	-43.45	-44.67	-1.2	-13.0	31.7	Horizontal	PK	108	PASS
4	1672.9346	-43.95	-41.45	2.5	-13.0	28.5	Horizontal	PK	5	PASS
5	2509.5019	-51.00	-40.93	10.1	-13.0	27.9	Horizontal	PK	315	PASS
6	3345.6548	-53.71	-54.33	-0.6	-13.0	41.3	Horizontal	PK	103	PASS
7	5018.3509	-56.42	-50.33	6.1	-13.0	37.3	Horizontal	PK	333	PASS
8	5855.4303	-55.62	-48.02	7.6	-13.0	35.0	Horizontal	PK	62	PASS
9	9200.335	-61.78	-45.59	16.2	-13.0	32.6	Horizontal	PK	187	PASS

H_EDGE_850_MID_30M-12.75G





Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	836.4498	-47.12	-52.95	-5.8	-	-	Vertical	PK	22	NA
2	881.4601	-47.14	-51.61	-4.5	-	-	Vertical	PK	124	NA
3	1254.0508	-49.19	-50.19	-1.0	-13.0	37.2	Vertical	PK	46	PASS
4	1672.9346	-48.75	-46.00	2.8	-13.0	33.0	Vertical	PK	88	PASS
5	2509.1018	-53.79	-43.94	9.9	-13.0	30.9	Vertical	PK	296	PASS
6	4181.7591	-55.27	-53.00	2.3	-13.0	40.0	Vertical	PK	249	PASS
7	9200.335	-57.71	-40.75	17.0	-13.0	27.8	Vertical	PK	355	PASS

V_EDGE_850_MID_30M-12.75G

