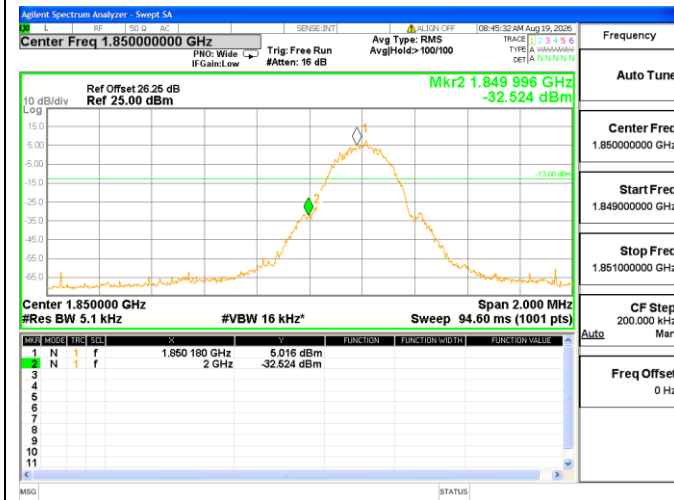
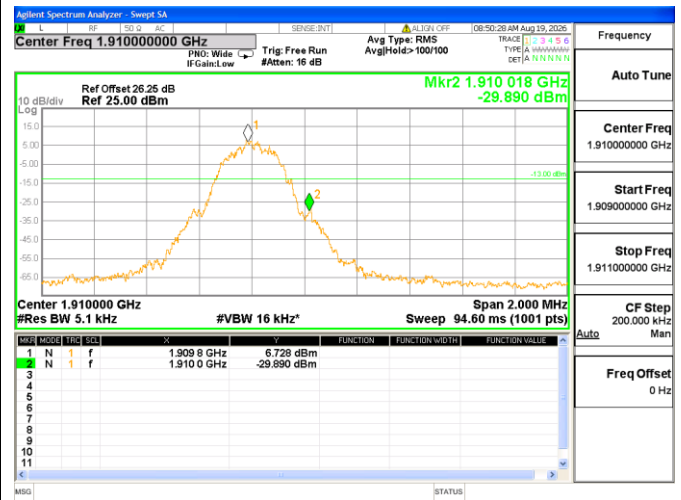




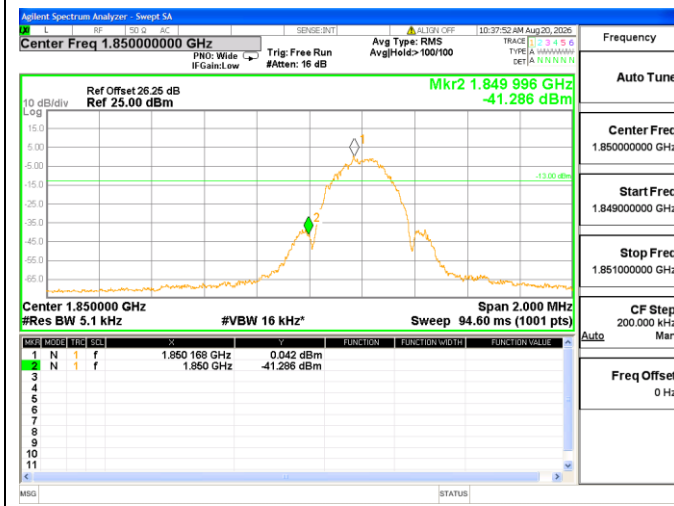
GSM1900(GSM), CH512, 1850.2MHz



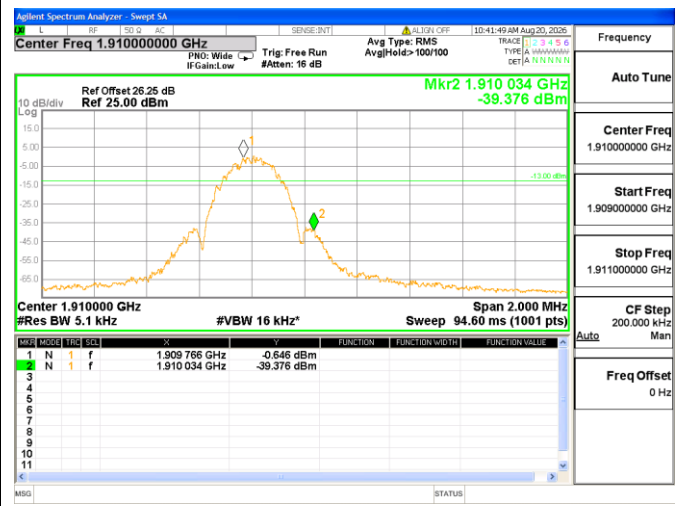
GSM1900(GSM), CH810, 1909.8MHz



GSM1900(EDGE), CH512, 1850.2MHz

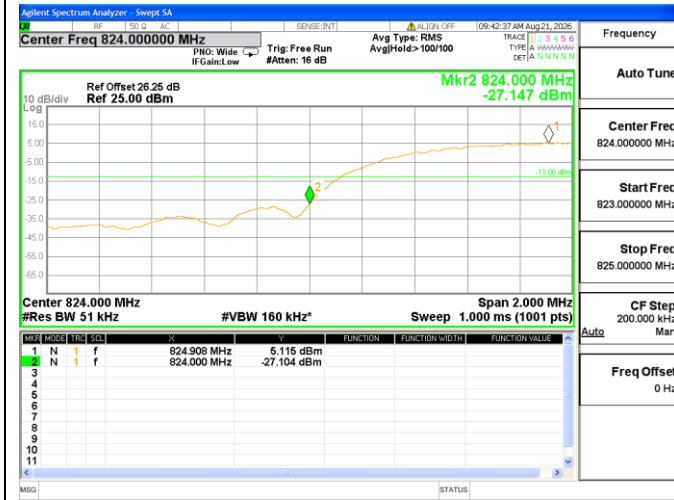


GSM1900(EDGE), CH810, 1909.8MHz

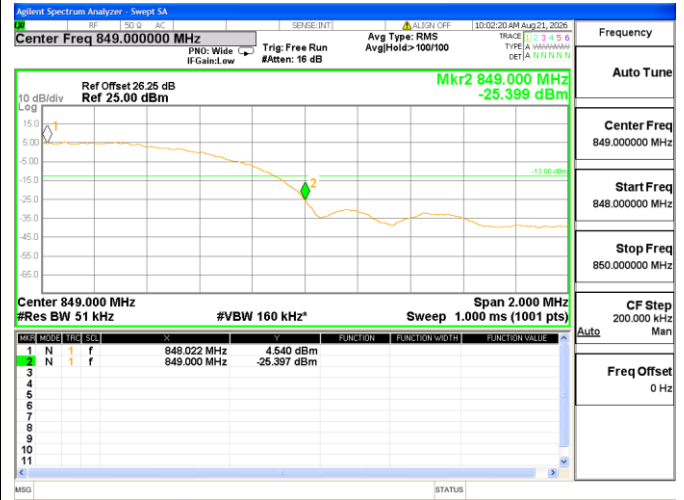




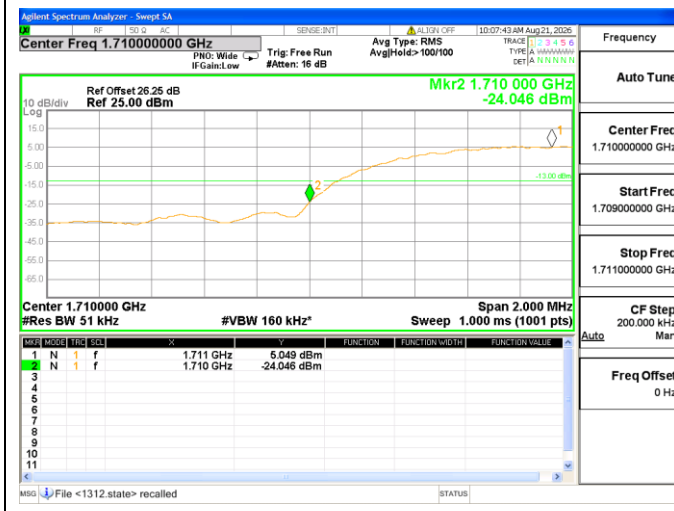
WCDMA Band V, CH4132, 826.4MHz



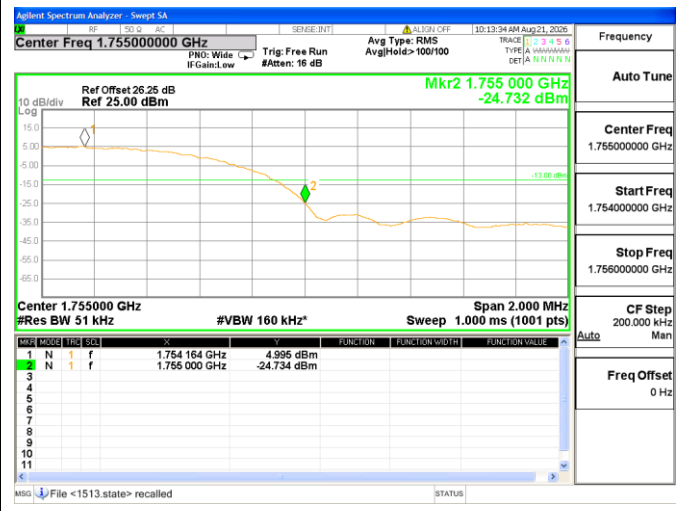
WCDMA Band V, CH4233, 846.6MHz



WCDMA Band IV, CH1312, 1712.4MHz



WCDMA Band IV, CH1513, 1752.6MHz



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	28.88	0.773	38.5	7	PASS
	189	836.40	5	28.85	0.767			PASS
	251	848.80	5	28.80	0.759			PASS
GPRS	128	824.20	5	28.85	0.767	38.5	7	PASS
	189	836.40	5	28.63	0.729			PASS
	251	848.80	5	28.52	0.711			PASS
EDGE	128	824.20	5	23.14	0.206	38.5	7	PASS
	189	836.40	5	23.09	0.204			PASS
	251	848.80	5	22.99	0.199			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	30.27	1.064	33	2	PASS
	661	1880.0	0	30.57	1.140			PASS
	810	1909.8	0	30.10	1.023			PASS
GPRS	512	1850.2	0	30.24	1.057	33	2	PASS
	661	1880.0	0	30.60	1.148			PASS
	810	1909.8	0	30.00	1.000			PASS
EDGE	512	1850.2	0	26.32	0.429	33	2	PASS
	661	1880.0	0	26.33	0.430			PASS
	810	1909.8	0	26.27	0.424			PASS
Note 1: For the GPRS and EDGE mode, all the slots were tested and just the worst data were recorded in this report.								



WCDMA Band V							
Band	Channel	Frequency (MHz)	Measured E.R.P.		Limit		Verdict
			dBm	W	dBm	W	
WCDMA	4132	826.4	18.68	0.074	38.5	7	PASS
	4182	836.4	18.74	0.075			PASS
	4233	846.6	18.71	0.074			PASS
HSDPA	4132	826.4	17.73	0.059	38.5	7	PASS
	4182	836.4	17.60	0.058			PASS
	4233	846.6	17.83	0.061			PASS
HSUPA	4132	826.4	17.68	0.059	38.5	7	PASS
	4182	836.4	17.55	0.057			PASS
	4233	846.6	17.79	0.060			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	22.80	0.191	30	1	PASS
	1413	1732.6	22.91	0.195			PASS
	1513	1752.6	22.84	0.192			PASS
HSDPA	1312	1712.4	21.50	0.141	30	1	PASS
	1413	1732.6	21.84	0.153			PASS
	1513	1752.6	21.89	0.155			PASS
HSUPA	1312	1712.4	21.47	0.140	30	1	PASS
	1413	1732.6	21.81	0.152			PASS
	1513	1752.6	21.86	0.153			PASS
Note 1: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data were recorded in this report.							

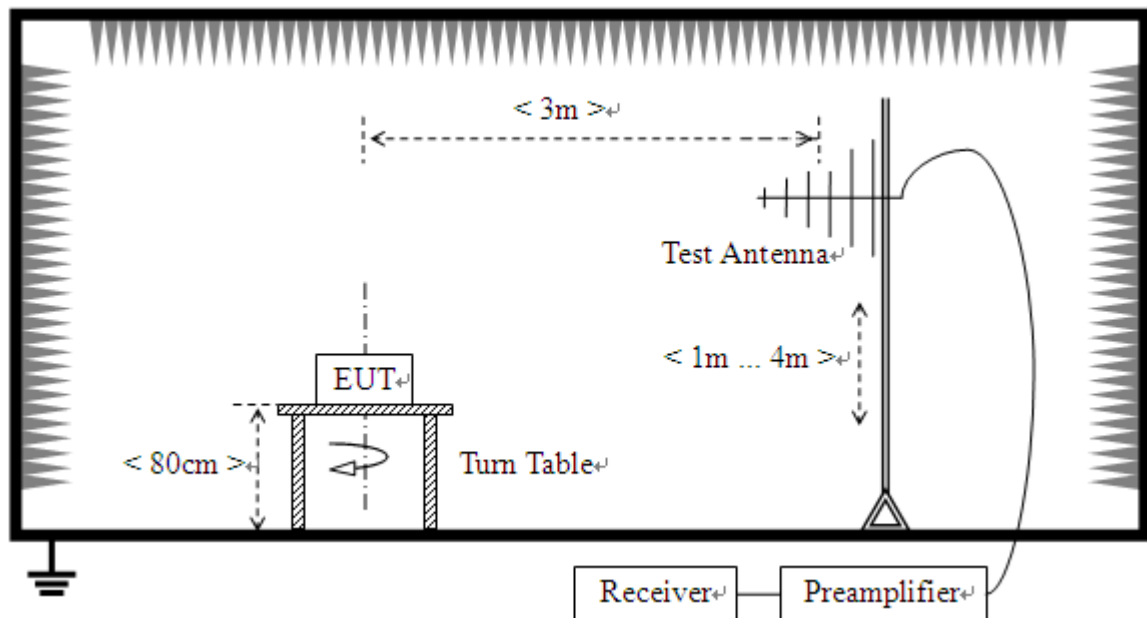


2.8. Radiated Out of Band Emissions

2.8.1. Requirement

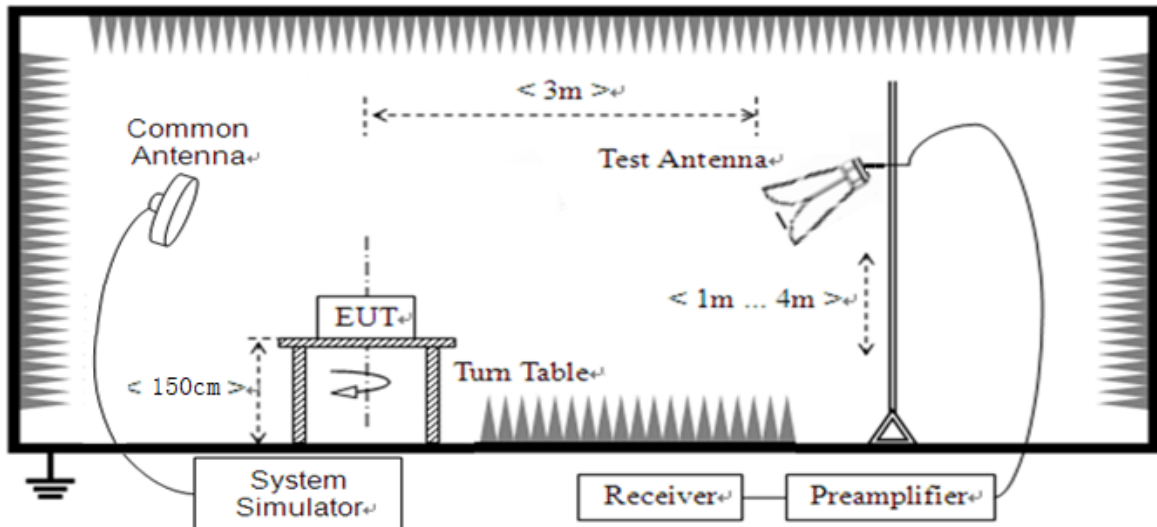
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10\log(P)$ dB. This calculated to be -13dBm. The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency.

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} .

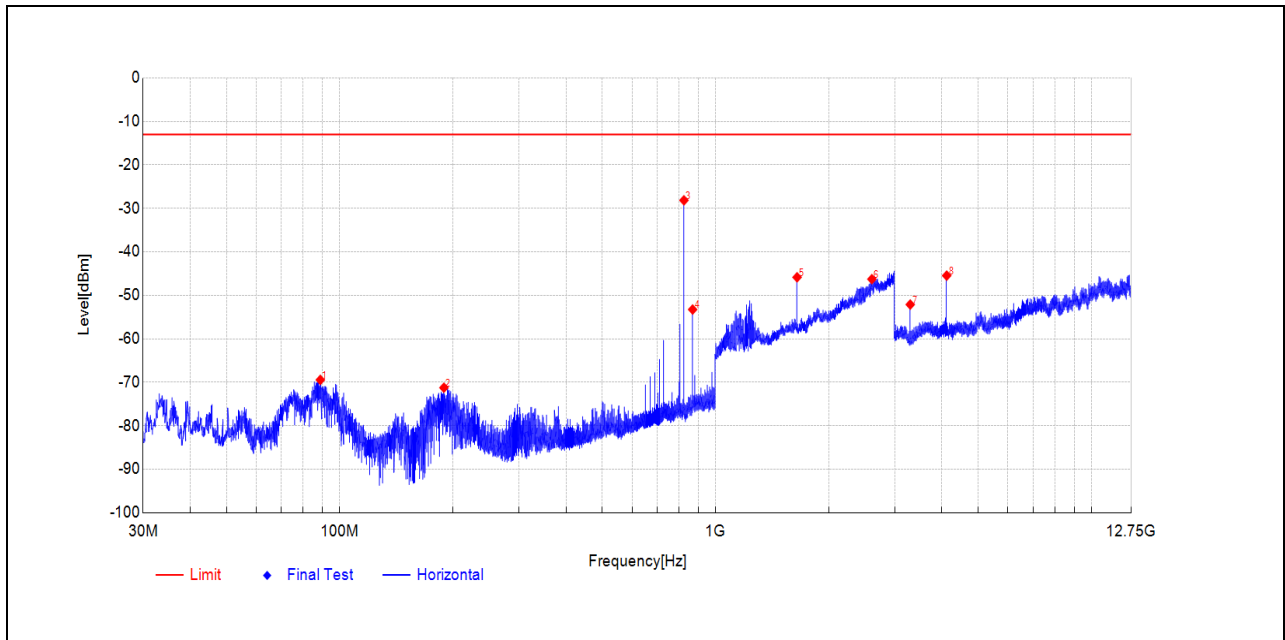
Note1: The power of the EUT transmitting frequency should be ignored.

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.



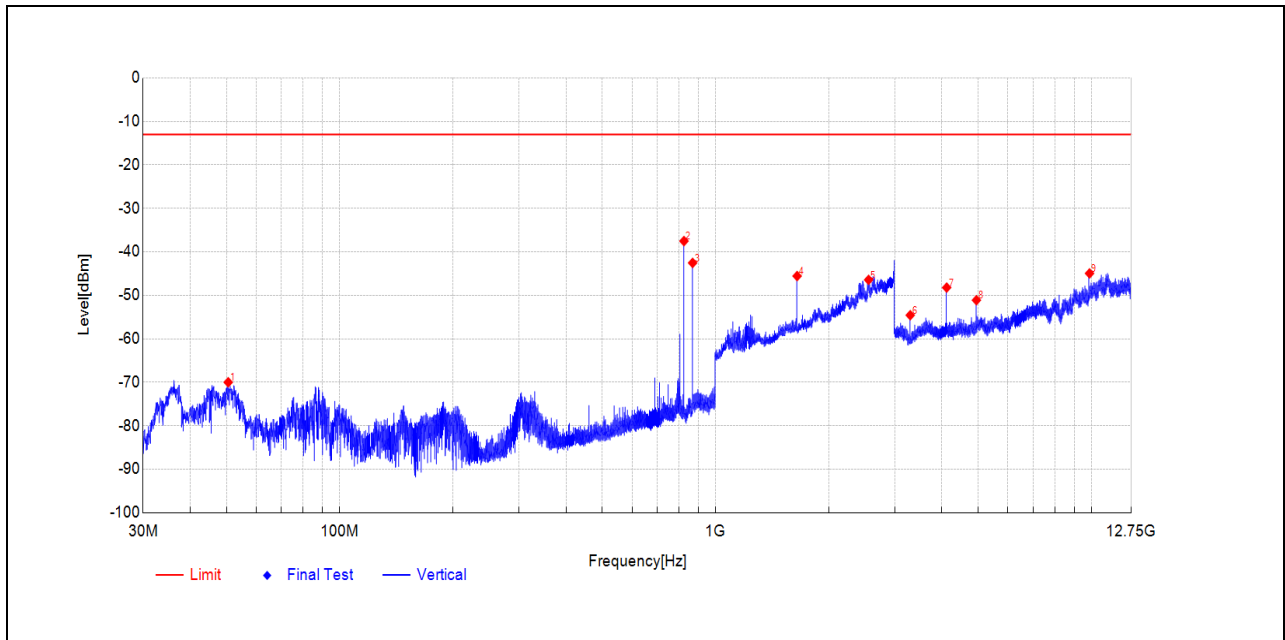


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.8334	-46.16	-69.44	-23.3	-13.0	56.4	Horizontal	PK	312	PASS
2	189.379	-51.82	-71.24	-19.4	-13.0	58.2	Horizontal	PK	272	PASS
3	824.1302	-22.34	-28.14	-5.8	-	-	Horizontal	PK	104	NA
4	869.286	-48.40	-53.26	-4.9	-	-	Horizontal	PK	147	NA
5	1648.5297	-48.48	-45.84	2.6	-13.0	32.8	Horizontal	PK	129	PASS
6	2605.9212	-58.43	-46.27	12.2	-13.0	33.3	Horizontal	PK	213	PASS
7	3296.9023	-50.83	-52.11	-1.3	-13.0	39.1	Horizontal	PK	82	PASS
8	4120.8185	-47.56	-45.46	2.1	-13.0	32.5	Horizontal	PK	41	PASS

RSE_H_GSM_850_LOW_30M-12.75G



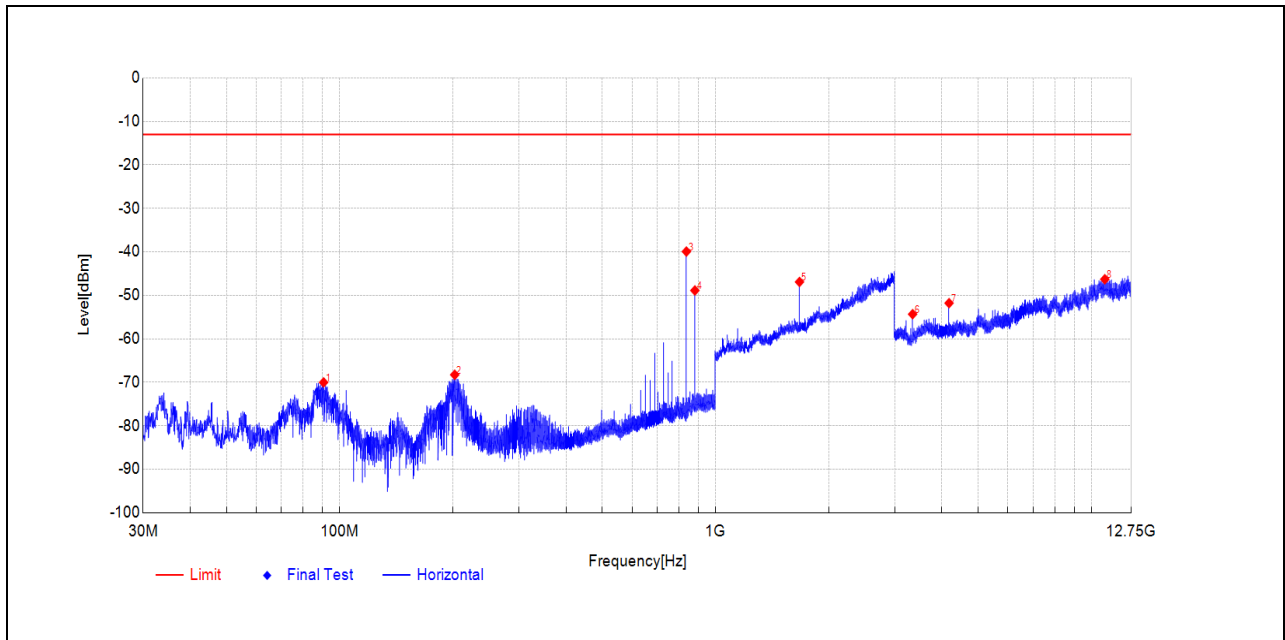


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	50.5165	-51.66	-69.99	-18.3	-13.0	57.0	Vertical	PK	355	PASS
2	824.3242	-31.62	-37.51	-5.9	-	-	Vertical	PK	18	NA
3	869.2375	-37.66	-42.53	-4.9	-	-	Vertical	PK	187	NA
4	1648.5297	-48.04	-45.56	2.5	-13.0	32.6	Vertical	PK	89	PASS
5	2554.7109	-58.77	-46.43	12.3	-13.0	33.4	Vertical	PK	256	PASS
6	3296.9023	-53.39	-54.56	-1.2	-13.0	41.6	Vertical	PK	81	PASS
7	4121.3061	-50.36	-48.21	2.2	-13.0	35.2	Vertical	PK	292	PASS
8	4945.2223	-55.80	-51.11	4.7	-13.0	38.1	Vertical	PK	124	PASS
9	9889.6945	-62.35	-44.95	17.4	-13.0	32.0	Vertical	PK	0	PASS

RSE_V_GSM_850_LOW_30M-12.75G



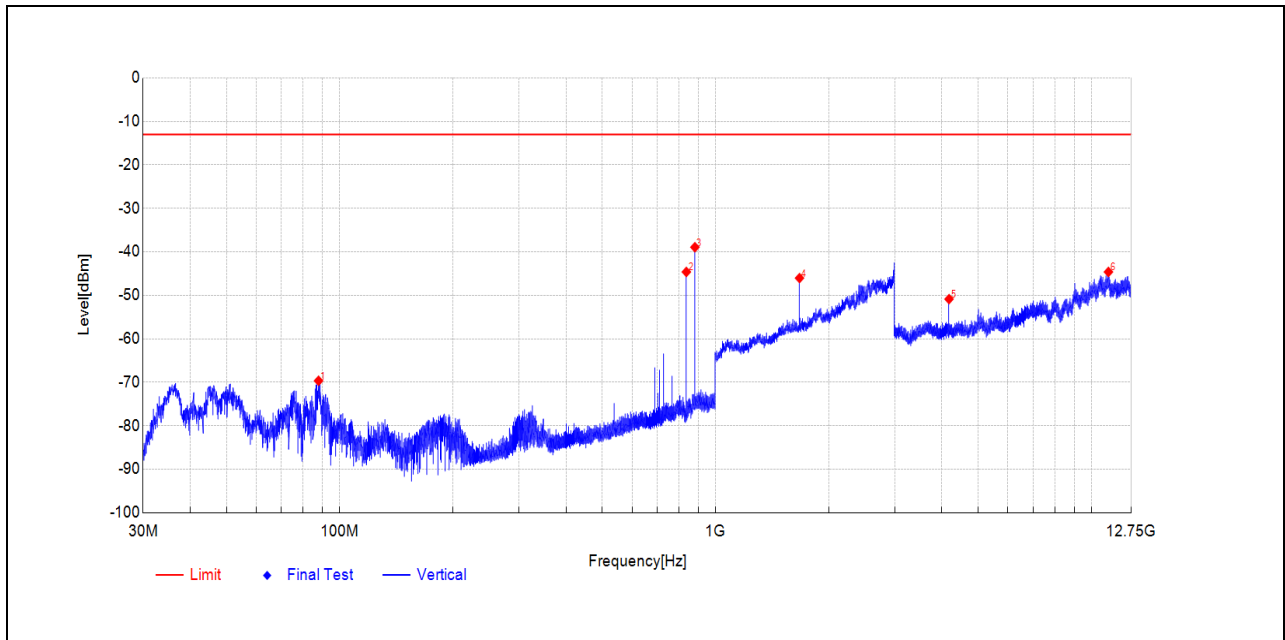


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	90.628	-46.84	-70.02	-23.2	-13.0	57.0	Horizontal	PK	355	PASS
2	202.3291	-51.06	-68.27	-17.2	-13.0	55.3	Horizontal	PK	144	PASS
3	836.4498	-34.39	-39.92	-5.5	-	-	Horizontal	PK	0	NA
4	881.4601	-44.13	-48.87	-4.7	-	-	Horizontal	PK	102	NA
5	1672.9346	-49.41	-46.91	2.5	-13.0	33.9	Horizontal	PK	338	PASS
6	3345.1673	-53.70	-54.33	-0.6	-13.0	41.3	Horizontal	PK	81	PASS
7	4182.2466	-53.96	-51.79	2.2	-13.0	38.8	Horizontal	PK	17	PASS
8	10857.9179	-66.94	-46.30	20.6	-13.0	33.3	Horizontal	PK	208	PASS

RSE_H_GSM_850_MID_30M-12.75G



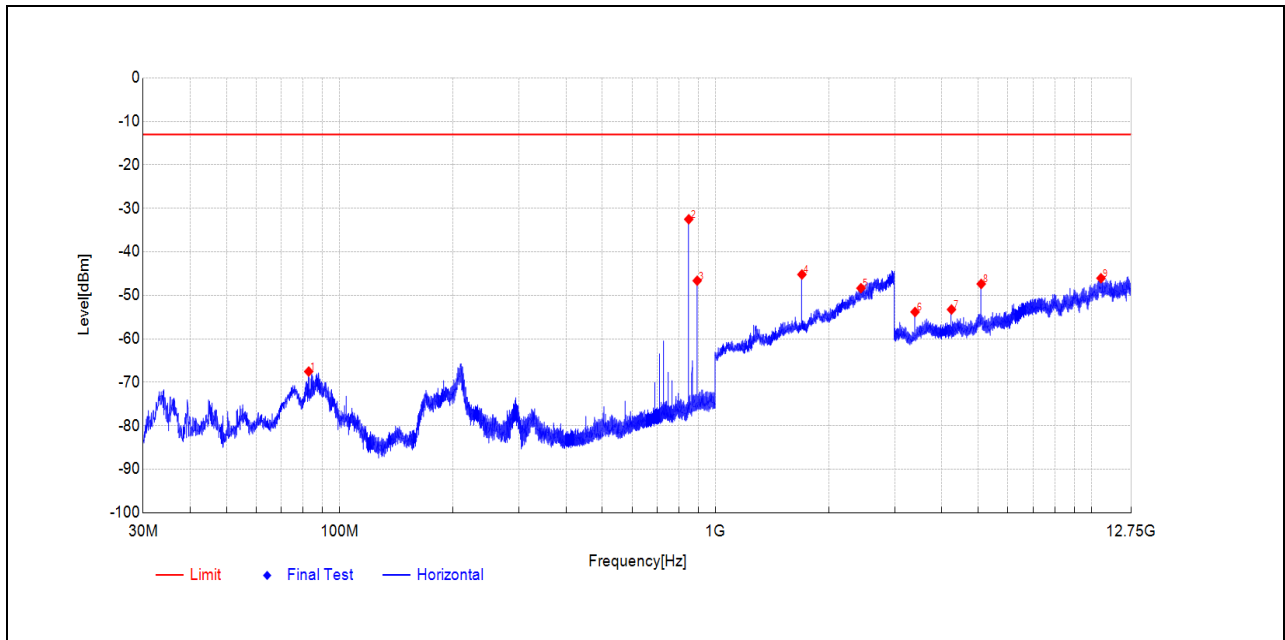


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	87.8634	-47.28	-69.64	-22.4	-13.0	56.6	Vertical	PK	63	PASS
2	836.4498	-38.78	-44.61	-5.8	-	-	Vertical	PK	312	NA
3	881.3146	-34.45	-38.92	-4.5	-	-	Vertical	PK	147	NA
4	1672.9346	-48.78	-46.03	2.8	-13.0	33.0	Vertical	PK	254	PASS
5	4181.7591	-53.13	-50.86	2.3	-13.0	37.9	Vertical	PK	0	PASS
6	11106.5553	-66.93	-44.61	22.3	-13.0	31.6	Vertical	PK	84	PASS

RSE_V_GSM_850_MID_30M-12.75G



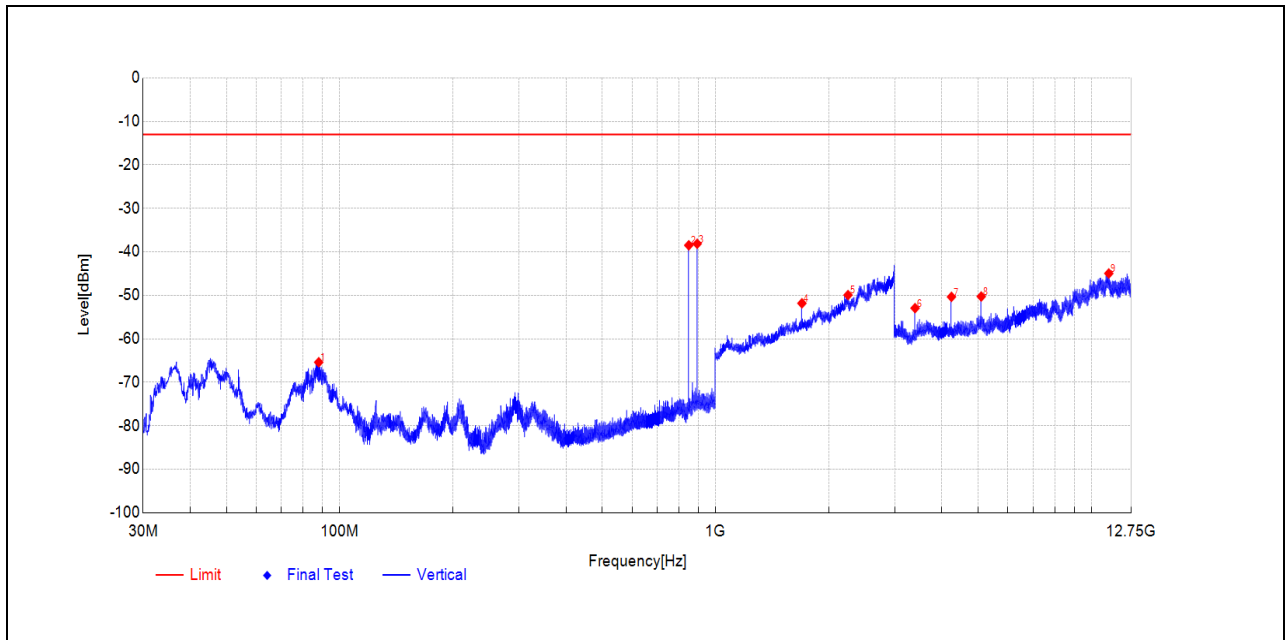


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	82.7221	-43.91	-67.52	-23.6	-13.0	54.5	Horizontal	PK	101	PASS
2	848.8664	-27.30	-32.49	-5.2	-	-	Horizontal	PK	122	NA
3	893.8282	-41.95	-46.62	-4.7	-	-	Horizontal	PK	208	NA
4	1697.7395	-48.13	-45.20	2.9	-13.0	32.2	Horizontal	PK	317	PASS
5	2437.4875	-58.22	-48.35	9.9	-13.0	35.4	Horizontal	PK	150	PASS
6	3395.3823	-53.95	-53.82	0.1	-13.0	40.8	Horizontal	PK	101	PASS
7	4244.1622	-55.52	-53.25	2.3	-13.0	40.3	Horizontal	PK	122	PASS
8	5092.9421	-53.44	-47.37	6.1	-13.0	34.4	Horizontal	PK	101	PASS
9	10607.3304	-65.50	-46.06	19.4	-13.0	33.1	Horizontal	PK	38	PASS

RSE_H_GSM_850_HIGH_30M-12.75G



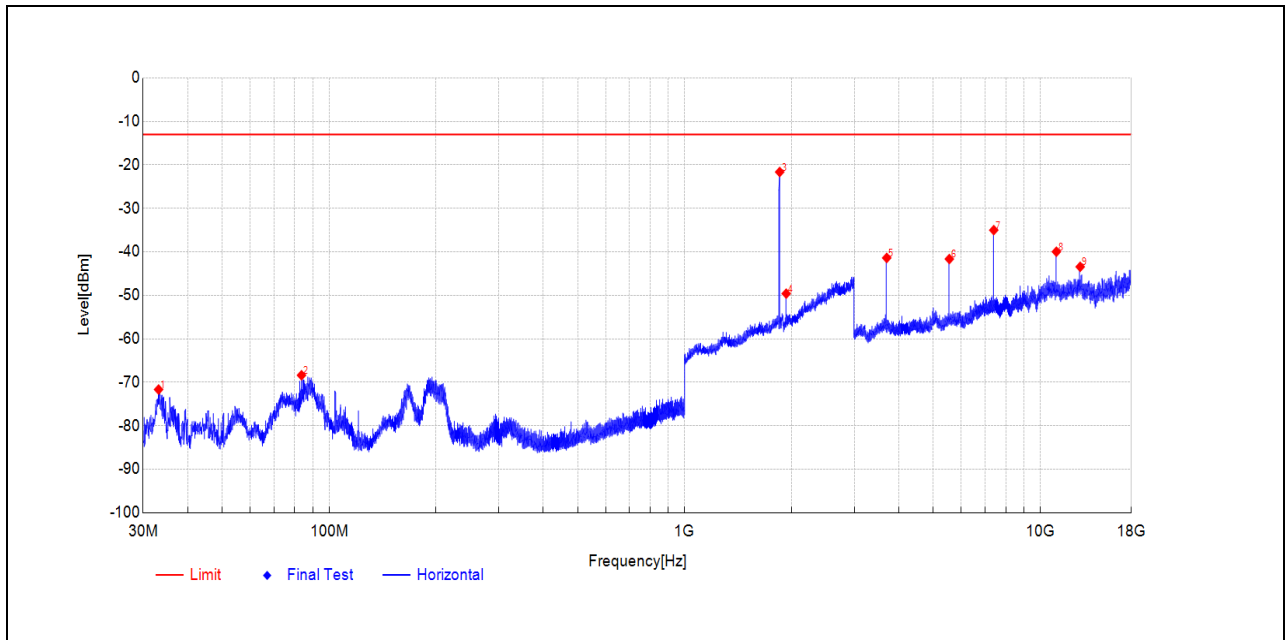


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	87.9604	-43.04	-65.39	-22.4	-13.0	52.4	Vertical	PK	355	PASS
2	848.8664	-32.96	-38.48	-5.5	-	-	Vertical	PK	312	NA
3	893.8282	-33.70	-38.13	-4.4	-	-	Vertical	PK	145	NA
4	1697.7395	-54.92	-51.82	3.1	-13.0	38.8	Vertical	PK	275	PASS
5	2251.8504	-58.71	-49.93	8.8	-13.0	36.9	Vertical	PK	25	PASS
6	3395.3823	-53.19	-52.94	0.3	-13.0	39.9	Vertical	PK	104	PASS
7	4244.1622	-52.59	-50.34	2.3	-13.0	37.3	Vertical	PK	39	PASS
8	5093.4297	-55.74	-50.27	5.5	-13.0	37.3	Vertical	PK	290	PASS
9	11128.4939	-66.97	-44.96	22.0	-13.0	32.0	Vertical	PK	249	PASS

RSE_V_GSM_850_HIGH_30M-12.75G



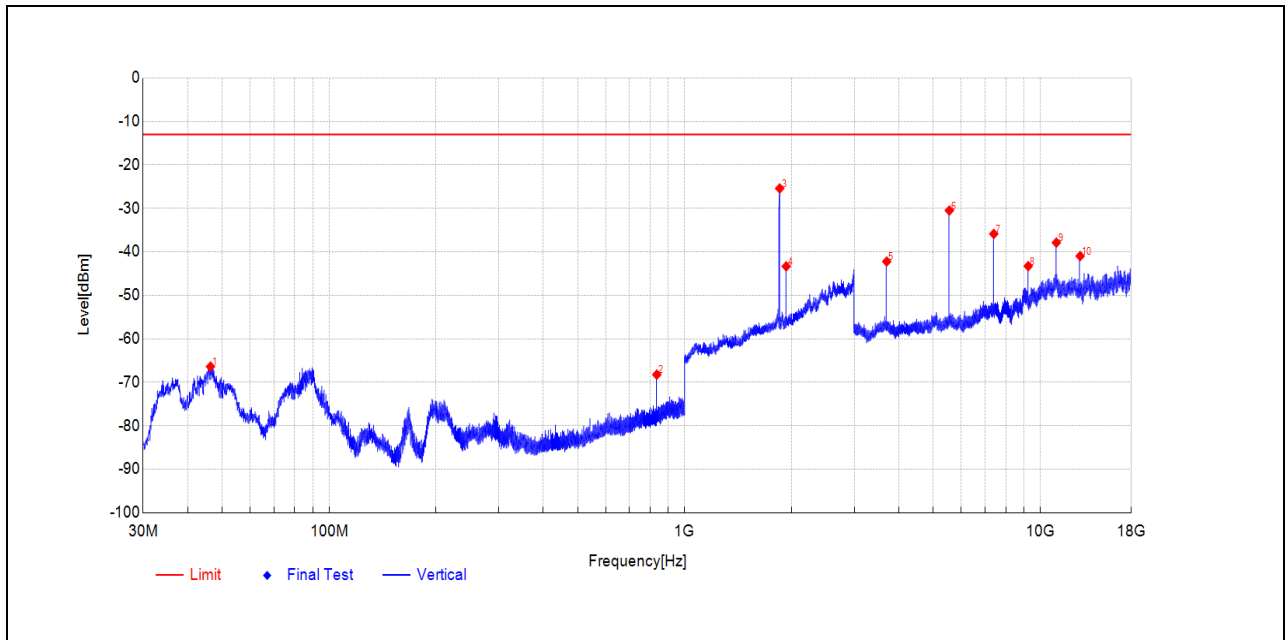


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	33.1527	-56.44	-71.66	-15.2	-13.0	58.7	Horizontal	PK	145	PASS
2	83.6437	-44.68	-68.38	-23.7	-13.0	55.4	Horizontal	PK	85	PASS
3	1850.17	-25.90	-21.62	4.3	-	-	Horizontal	PK	261	NA
4	1930.186	-53.51	-49.60	3.9	-	-	Horizontal	PK	90	NA
5	3700.3858	-43.16	-41.38	1.8	-13.0	28.4	Horizontal	PK	167	PASS
6	5550.3643	-48.30	-41.64	6.7	-13.0	28.6	Horizontal	PK	230	PASS
7	7401.176	-47.27	-34.99	12.3	-13.0	22.0	Horizontal	PK	69	PASS
8	11101.6441	-59.52	-39.96	19.6	-13.0	27.0	Horizontal	PK	154	PASS
9	12951.6381	-66.24	-43.43	22.8	-13.0	30.4	Horizontal	PK	154	PASS

RSE_H_GSM_1900_512_LOW_30M-18G



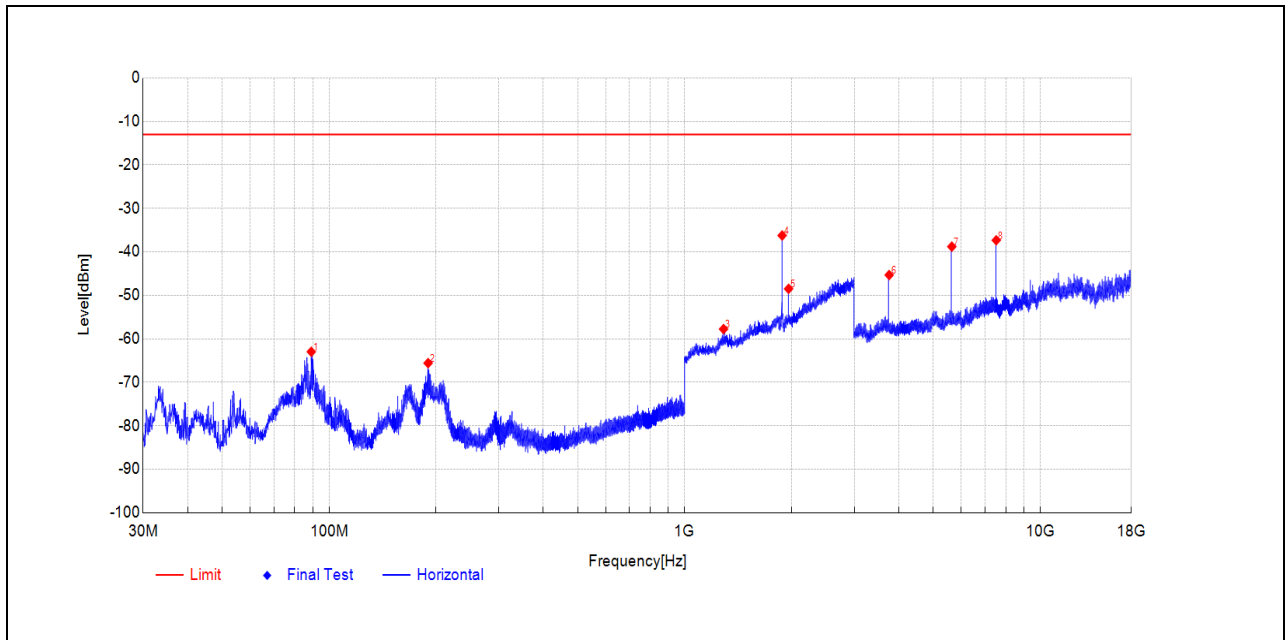


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.3938	-46.60	-66.38	-19.8	-13.0	53.4	Vertical	PK	292	PASS
2	834.8007	-60.93	-68.23	-7.3	-13.0	55.2	Vertical	PK	190	PASS
3	1850.17	-29.73	-25.41	4.3	-	-	Vertical	PK	150	NA
4	1930.186	-47.18	-43.32	3.9	-	-	Vertical	PK	170	NA
5	3700.3858	-43.98	-42.21	1.8	-13.0	29.2	Vertical	PK	108	PASS
6	5550.3643	-36.84	-30.49	6.4	-13.0	17.5	Vertical	PK	210	PASS
7	7400.696	-47.34	-35.86	11.5	-13.0	22.9	Vertical	PK	192	PASS
8	9251.17	-59.72	-43.28	16.4	-13.0	30.3	Vertical	PK	88	PASS
9	11100.684	-59.80	-37.86	21.9	-13.0	24.9	Vertical	PK	67	PASS
10	12951.158	-62.97	-40.96	22.0	-13.0	28.0	Vertical	PK	88	PASS

RSE_V_GSM_1900_512_LOW_30M-18G



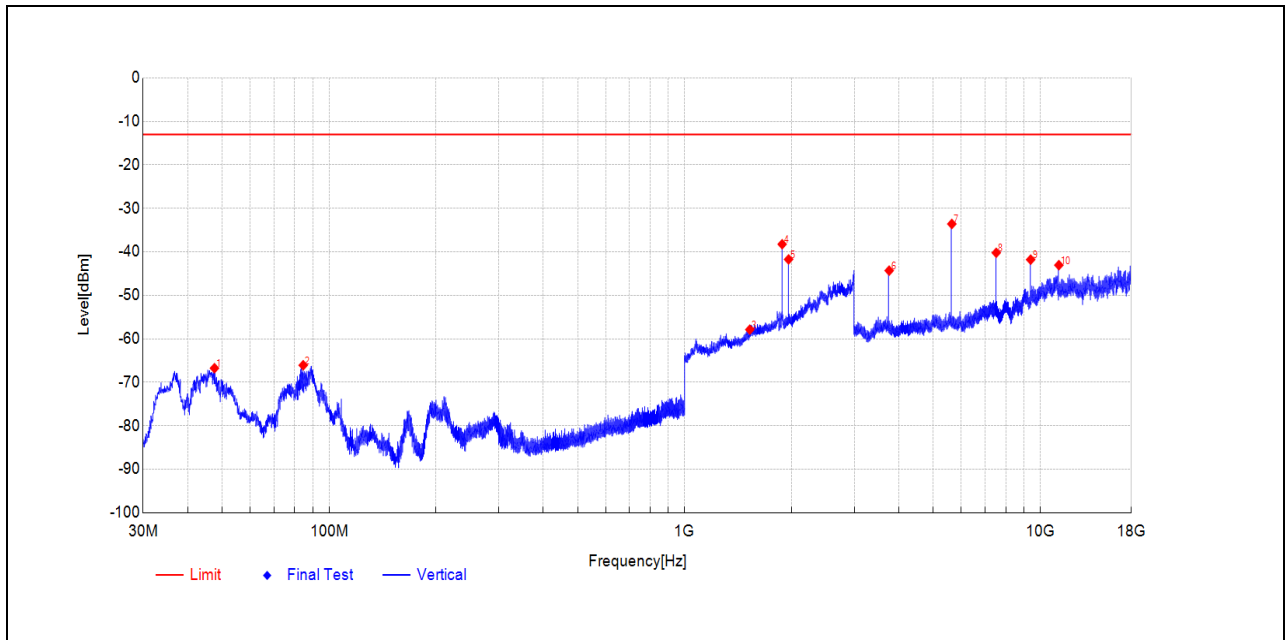


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	89.1245	-39.54	-62.97	-23.4	-13.0	50.0	Horizontal	PK	315	PASS
2	189.864	-46.00	-65.58	-19.6	-13.0	52.6	Horizontal	PK	355	PASS
3	1286.4573	-57.07	-57.76	-0.7	-13.0	44.8	Horizontal	PK	237	PASS
4	1880.176	-41.51	-36.23	5.3	-	-	Horizontal	PK	237	NA
5	1960.192	-52.99	-48.49	4.5	-	-	Horizontal	PK	26	NA
6	3759.5371	-46.51	-45.32	1.2	-13.0	32.3	Horizontal	PK	145	PASS
7	5639.9486	-45.89	-38.79	7.1	-13.0	25.8	Horizontal	PK	167	PASS
8	7520.2208	-49.54	-37.33	12.2	-13.0	24.3	Horizontal	PK	69	PASS

RSE_H_GSM_1900_661_MID_30M-18G



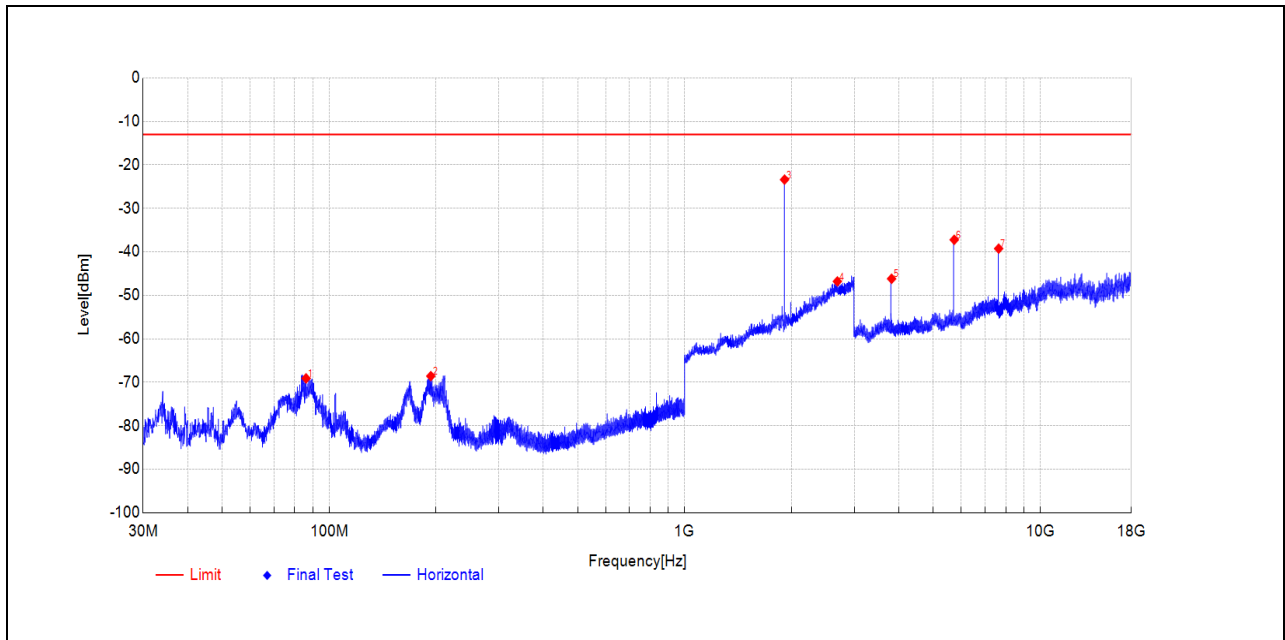


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	47.6064	-47.38	-66.75	-19.4	-13.0	53.8	Vertical	PK	26	PASS
2	84.5652	-43.26	-66.08	-22.8	-13.0	53.1	Vertical	PK	46	PASS
3	1524.905	-58.92	-57.88	1.0	-13.0	44.9	Vertical	PK	195	PASS
4	1880.176	-43.34	-38.23	5.1	-	-	Vertical	PK	132	NA
5	1960.192	-45.93	-41.72	4.2	-	-	Vertical	PK	300	NA
6	3759.9657	-45.39	-44.31	1.1	-13.0	31.3	Vertical	PK	190	PASS
7	5639.9486	-40.27	-33.57	6.7	-13.0	20.6	Vertical	PK	66	PASS
8	7519.7408	-51.99	-40.20	11.8	-13.0	27.2	Vertical	PK	90	PASS
9	9399.496	-58.27	-41.78	16.5	-13.0	28.8	Vertical	PK	237	PASS
10	11280.6912	-62.98	-43.05	19.9	-13.0	30.1	Vertical	PK	343	PASS

RSE_V_GSM_1900_661_MID_30M-18G



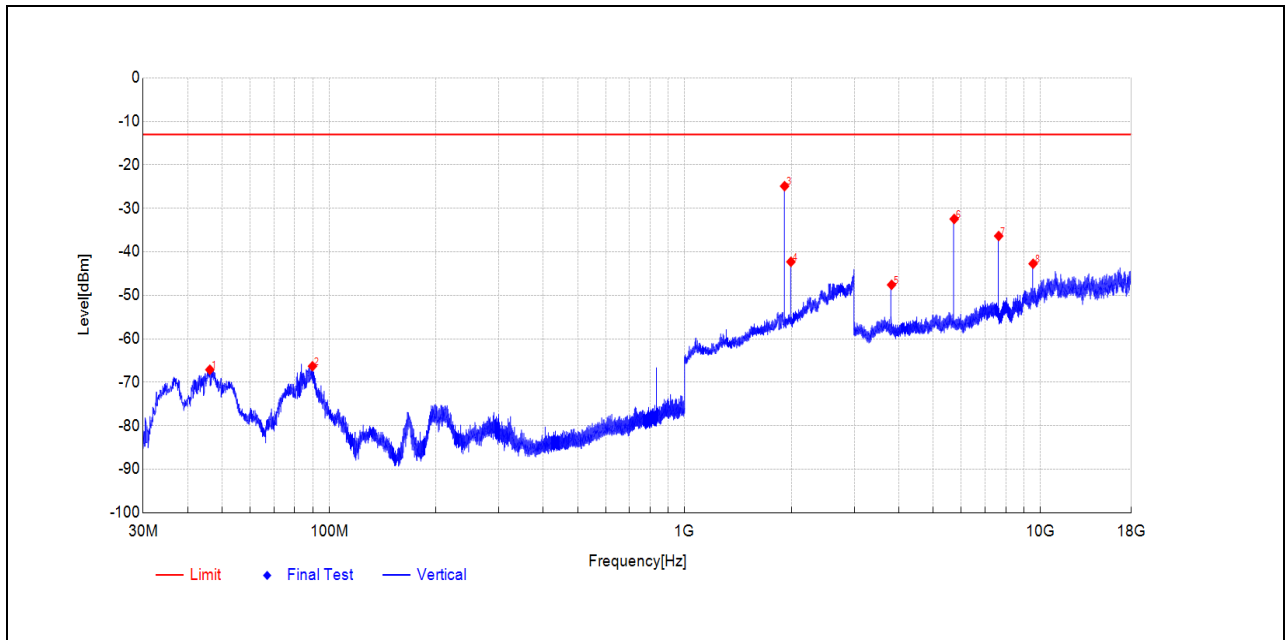


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	86.1658	-45.51	-69.09	-23.6	-13.0	56.1	Horizontal	PK	293	PASS
2	193.2592	-49.58	-68.57	-19.0	-13.0	55.6	Horizontal	PK	355	PASS
3	1909.782	-27.60	-23.37	4.2	-	-	Horizontal	PK	258	NA
4	2688.3377	-58.45	-46.79	11.7	-13.0	33.8	Horizontal	PK	5	PASS
5	3819.5456	-47.06	-46.18	0.9	-13.0	33.2	Horizontal	PK	125	PASS
6	5729.5328	-44.65	-37.22	7.4	-13.0	24.2	Horizontal	PK	210	PASS
7	7639.2656	-51.21	-39.25	12.0	-13.0	26.3	Horizontal	PK	47	PASS

RSE_H_GSM_1900_810_HIGH_30M-18G



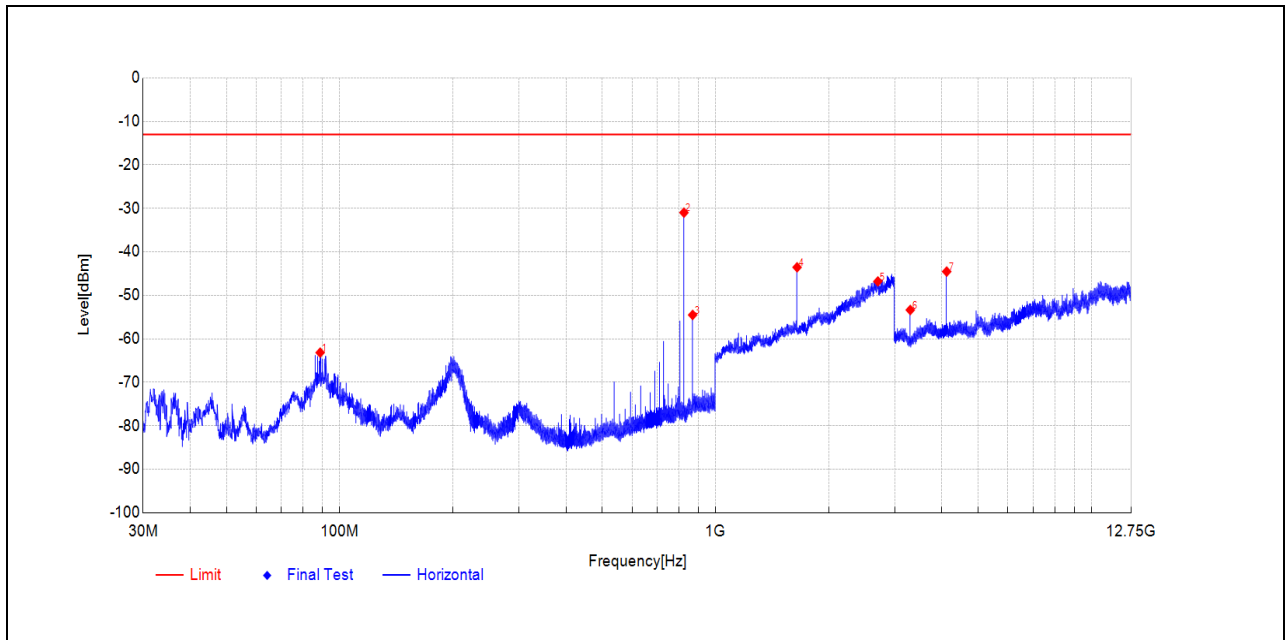


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.1998	-47.26	-67.10	-19.8	-13.0	54.1	Vertical	PK	355	PASS
2	89.8035	-43.96	-66.30	-22.3	-13.0	53.3	Vertical	PK	0	PASS
3	1909.782	-29.73	-24.88	4.9	-	-	Vertical	PK	132	NA
4	1989.798	-46.68	-42.28	4.4	-	-	Vertical	PK	175	NA
5	3819.5456	-48.27	-47.57	0.7	-13.0	34.6	Vertical	PK	268	PASS
6	5729.1042	-38.98	-32.43	6.6	-13.0	19.4	Vertical	PK	206	PASS
7	7639.7456	-47.63	-36.35	11.3	-13.0	23.4	Vertical	PK	175	PASS
8	9548.3019	-59.89	-42.72	17.2	-13.0	29.7	Vertical	PK	26	PASS

RSE_V_GSM_1900_810_HIGH_30M-18G



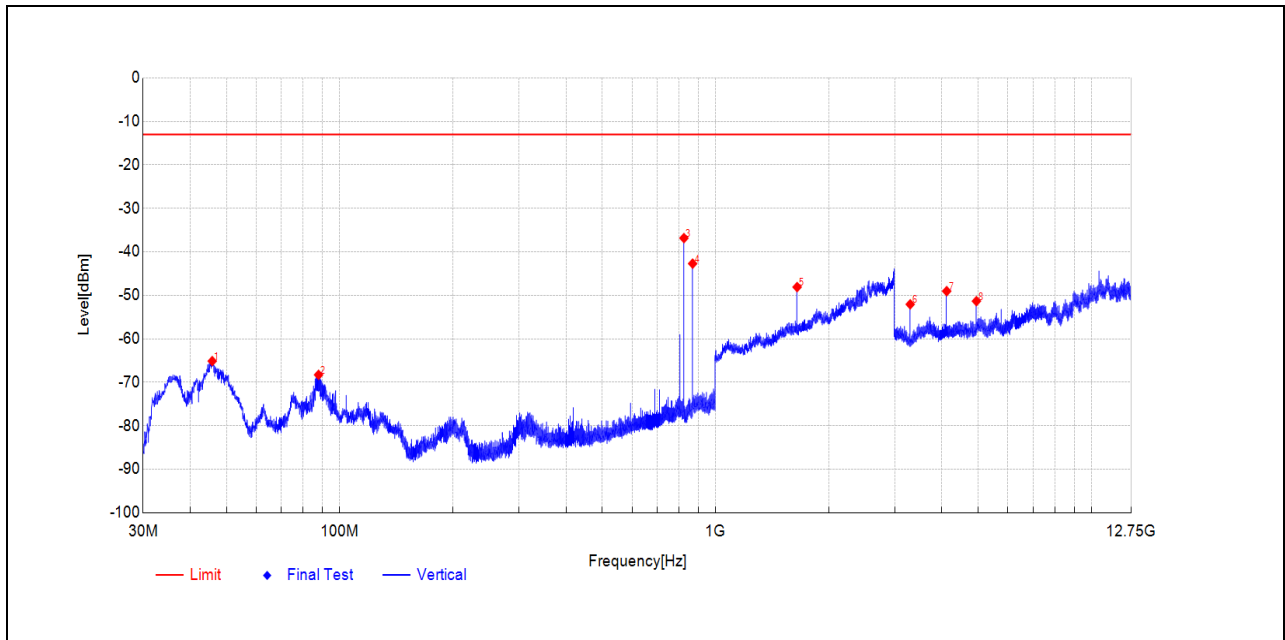


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.7364	-39.88	-63.16	-23.3	-13.0	50.2	Horizontal	PK	152	PASS
2	824.1787	-25.17	-30.97	-5.8	-	-	Horizontal	PK	109	NA
3	869.189	-49.63	-54.50	-4.9	-	-	Horizontal	PK	360	NA
4	1648.5297	-46.19	-43.55	2.6	-13.0	30.6	Horizontal	PK	4	PASS
5	2703.9408	-59.38	-46.79	12.6	-13.0	33.8	Horizontal	PK	4	PASS
6	3296.9023	-52.08	-53.36	-1.3	-13.0	40.4	Horizontal	PK	196	PASS
7	4121.3061	-46.63	-44.52	2.1	-13.0	31.5	Horizontal	PK	68	PASS

RSE_H_EDGE_850_LOW_128_30M-12.75G



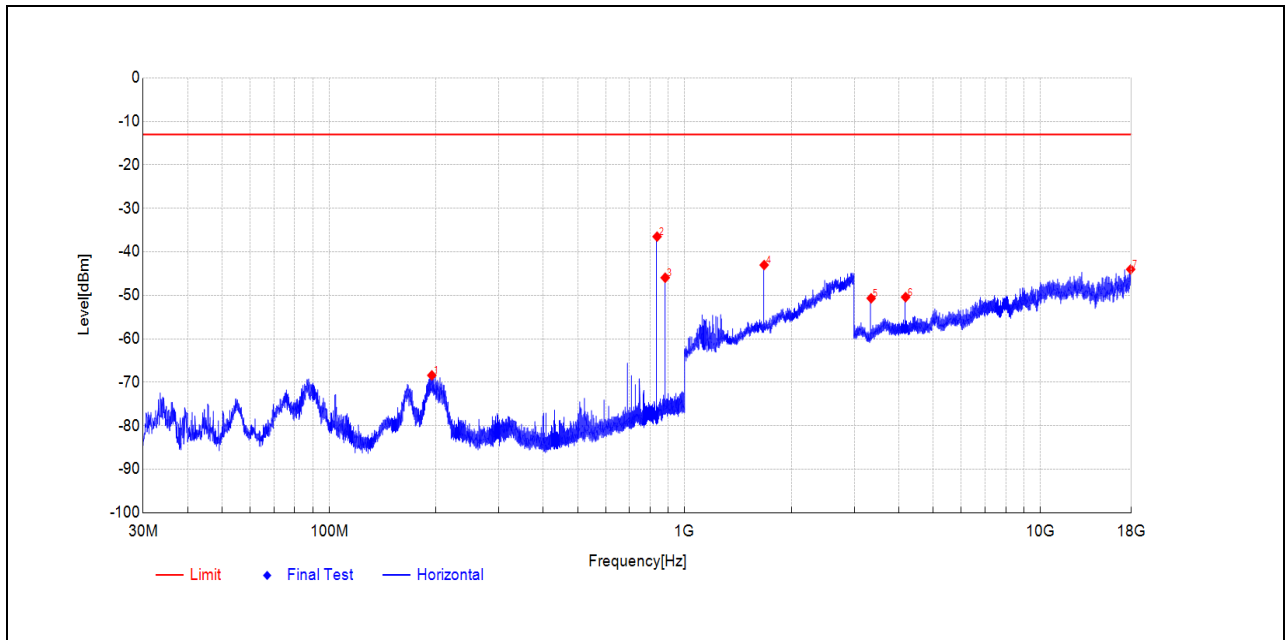


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	45.8118	-45.22	-65.11	-19.9	-13.0	52.1	Vertical	PK	193	PASS
2	87.8634	-45.92	-68.28	-22.4	-13.0	55.3	Vertical	PK	68	PASS
3	824.1787	-30.94	-36.83	-5.9	-	-	Vertical	PK	337	NA
4	869.286	-37.84	-42.70	-4.9	-	-	Vertical	PK	316	NA
5	1648.5297	-50.57	-48.09	2.5	-13.0	35.1	Vertical	PK	106	PASS
6	3296.4148	-50.89	-52.06	-1.2	-13.0	39.1	Vertical	PK	255	PASS
7	4120.8185	-51.17	-49.03	2.1	-13.0	36.0	Vertical	PK	234	PASS
8	4944.7347	-56.01	-51.33	4.7	-13.0	38.3	Vertical	PK	234	PASS

RSE_V_EDGE_850_LOW_128_30M-12.75G



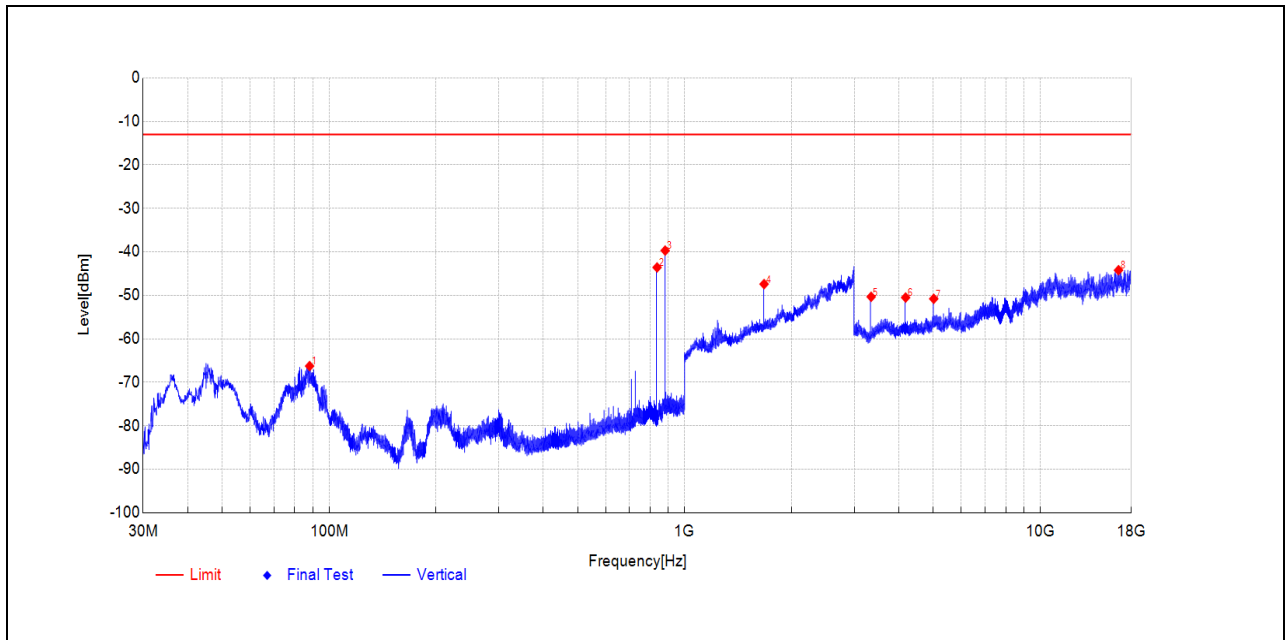


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	194.5687	-49.85	-68.40	-18.6	-13.0	55.4	Horizontal	PK	335	PASS
2	836.4013	-30.95	-36.49	-5.5	-	-	Horizontal	PK	213	NA
3	881.4601	-41.20	-45.94	-4.7	-	-	Horizontal	PK	213	NA
4	1673.3347	-45.53	-43.02	2.5	-13.0	30.0	Horizontal	PK	133	PASS
5	3345.4779	-50.05	-50.67	-0.6	-13.0	37.7	Horizontal	PK	315	PASS
6	4181.7402	-52.58	-50.41	2.2	-13.0	37.4	Horizontal	PK	50	PASS
7	17960.6384	-68.09	-44.01	24.1	-13.0	31.0	Horizontal	PK	90	PASS

RSE_H_EDGE_850_MID_189_30M-12.75G



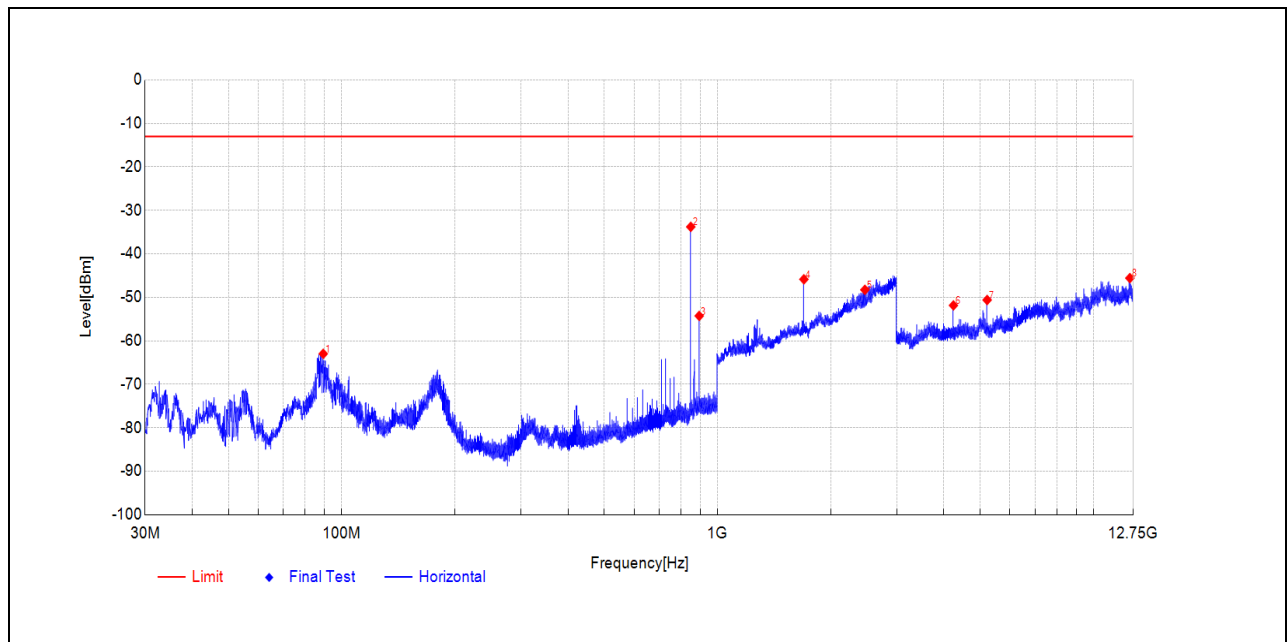


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.1544	-43.94	-66.26	-22.3	-13.0	53.3	Vertical	PK	355	PASS
2	836.4013	-37.75	-43.58	-5.8	-	-	Vertical	PK	2	NA
3	881.3146	-35.22	-39.69	-4.5	-	-	Vertical	PK	65	NA
4	1672.5345	-50.15	-47.41	2.7	-13.0	34.4	Vertical	PK	90	PASS
5	3345.9066	-49.83	-50.33	-0.5	-13.0	37.3	Vertical	PK	148	PASS
6	4182.5975	-52.77	-50.50	2.3	-13.0	37.5	Vertical	PK	293	PASS
7	5018.0026	-56.31	-50.79	5.5	-13.0	37.8	Vertical	PK	293	PASS
8	16603.1441	-70.14	-44.21	25.9	-13.0	31.2	Vertical	PK	26	PASS

RSE_V_EDGE_850_MID_189_30M-12.75G



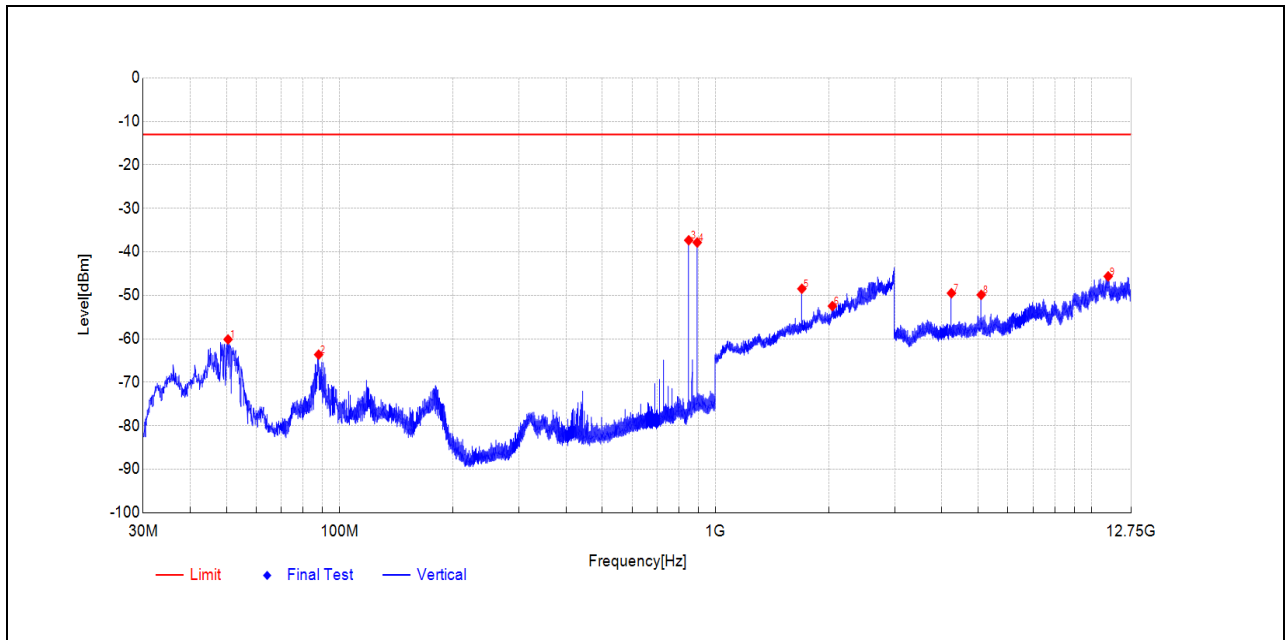


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	89.3185	-39.73	-62.98	-23.3	-13.0	50.0	Horizontal	PK	322	PASS
2	848.8664	-28.59	-33.78	-5.2	-	-	Horizontal	PK	192	NA
3	893.8767	-49.60	-54.27	-4.7	-	-	Horizontal	PK	360	NA
4	1697.7395	-48.78	-45.85	2.9	-13.0	32.9	Horizontal	PK	335	PASS
5	2466.2933	-58.59	-48.27	10.3	-13.0	35.3	Horizontal	PK	105	PASS
6	4243.6747	-54.12	-51.85	2.3	-13.0	38.9	Horizontal	PK	66	PASS
7	5216.7733	-55.78	-50.61	5.2	-13.0	37.6	Horizontal	PK	360	PASS
8	12504.2877	-68.99	-45.57	23.4	-13.0	32.6	Horizontal	PK	257	PASS

RSE_H_EDGE_850_HIGH_251_30M-12.75G



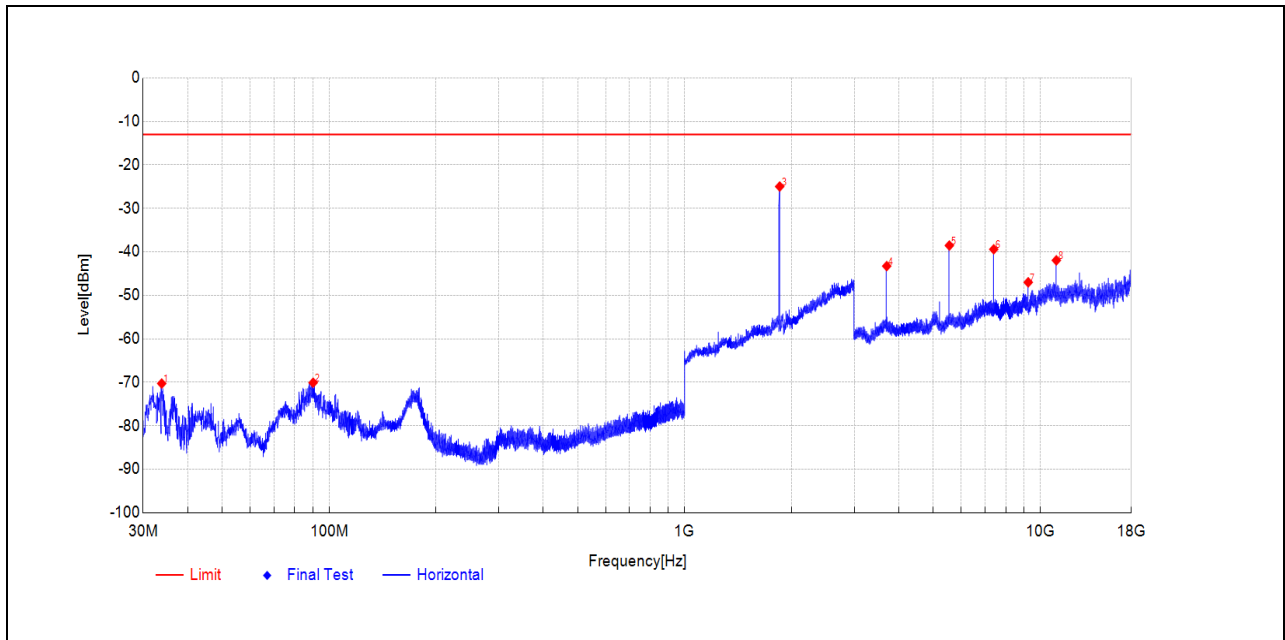


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	50.468	-41.80	-60.14	-18.3	-13.0	47.1	Vertical	PK	5	PASS
2	87.9119	-41.27	-63.62	-22.4	-13.0	50.6	Vertical	PK	94	PASS
3	848.7209	-31.79	-37.32	-5.5	-	-	Vertical	PK	5	NA
4	893.8767	-33.41	-37.84	-4.4	-	-	Vertical	PK	325	NA
5	1697.3395	-51.57	-48.48	3.1	-13.0	35.5	Vertical	PK	314	PASS
6	2046.6093	-58.41	-52.47	5.9	-13.0	39.5	Vertical	PK	168	PASS
7	4243.6747	-51.75	-49.50	2.3	-13.0	36.5	Vertical	PK	114	PASS
8	5092.4546	-55.35	-49.88	5.5	-13.0	36.9	Vertical	PK	94	PASS
9	11086.5668	-67.98	-45.63	22.4	-13.0	32.6	Vertical	PK	136	PASS

RSE_V_EDGE_850_HIGH_251_30M-12.75G



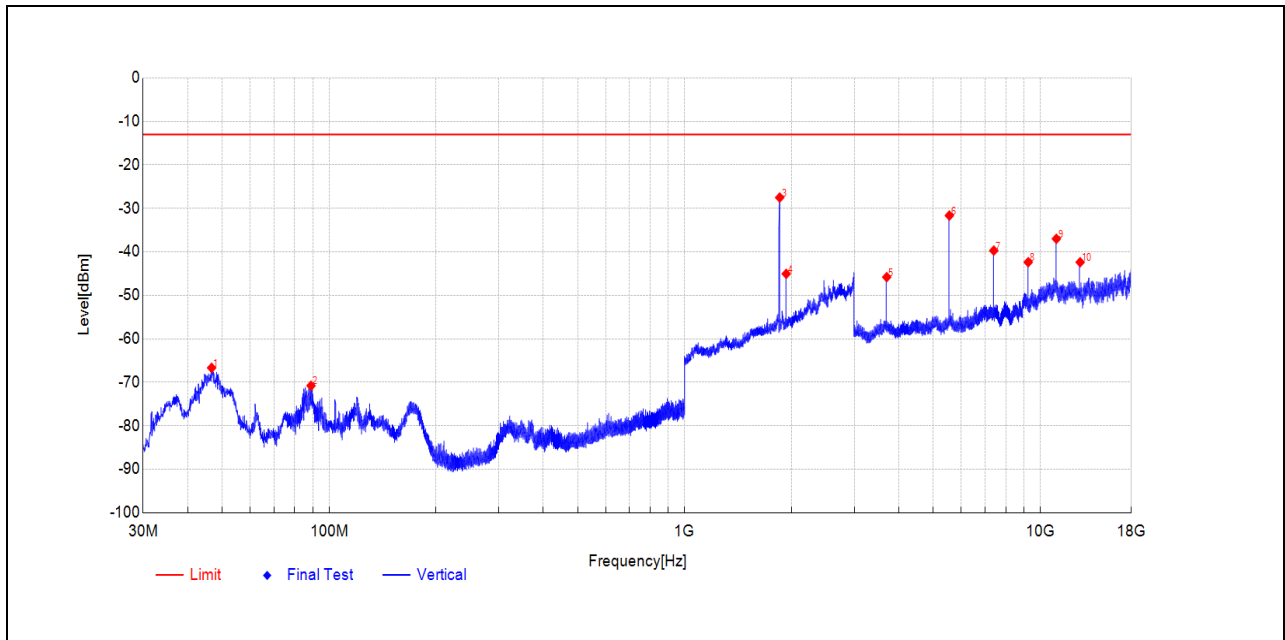


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	33.8317	-55.05	-70.28	-15.2	-13.0	57.3	Horizontal	PK	192	PASS
2	90.1915	-46.70	-70.09	-23.4	-13.0	57.1	Horizontal	PK	333	PASS
3	1850.17	-29.25	-24.97	4.3	-	-	Horizontal	PK	207	NA
4	3700.3858	-45.05	-43.27	1.8	-13.0	30.3	Horizontal	PK	313	PASS
5	5550.3643	-45.20	-38.54	6.7	-13.0	25.5	Horizontal	PK	252	PASS
6	7400.216	-51.68	-39.40	12.3	-13.0	26.4	Horizontal	PK	79	PASS
7	9251.17	-62.67	-47.00	15.7	-13.0	34.0	Horizontal	PK	79	PASS
8	11101.164	-61.49	-41.94	19.6	-13.0	28.9	Horizontal	PK	38	PASS

RSE_H_EDGE_1900_LOW_512_30M-18G



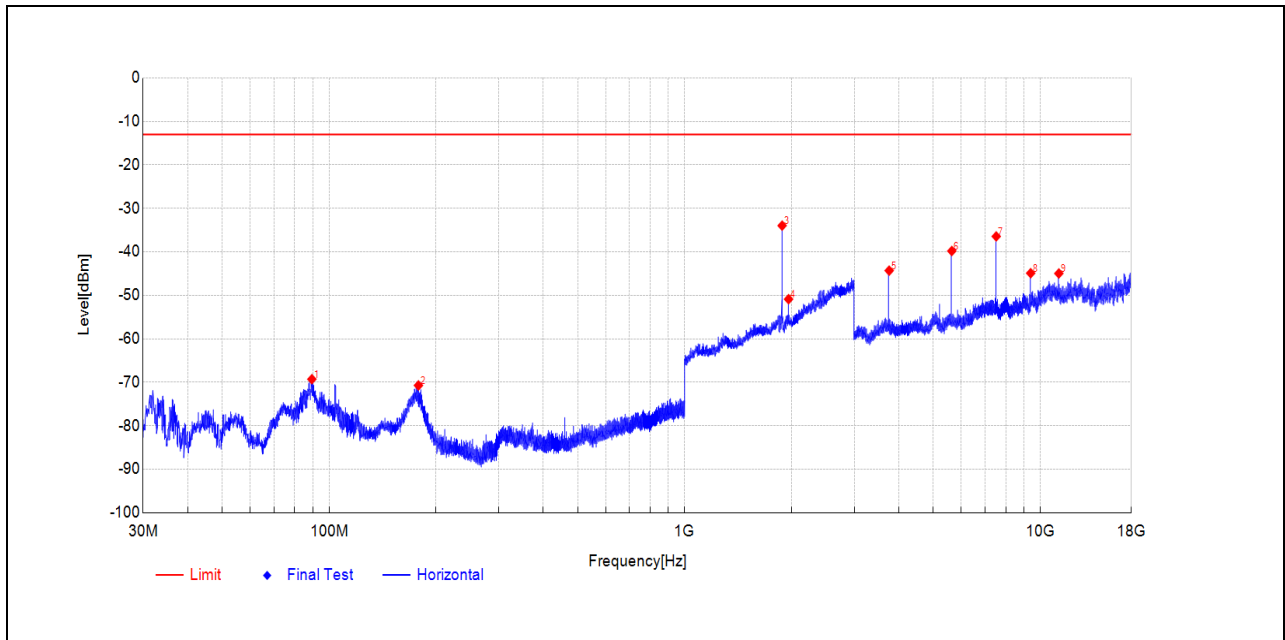


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.7333	-47.01	-66.67	-19.7	-13.0	53.7	Vertical	PK	5	PASS
2	88.9789	-48.36	-70.78	-22.4	-13.0	57.8	Vertical	PK	86	PASS
3	1850.17	-31.82	-27.50	4.3	-	-	Vertical	PK	97	NA
4	1930.186	-48.91	-45.05	3.9	-	-	Vertical	PK	162	NA
5	3700.3858	-47.57	-45.80	1.8	-13.0	32.8	Vertical	PK	334	PASS
6	5550.3643	-37.99	-31.64	6.4	-13.0	18.6	Vertical	PK	230	PASS
7	7400.696	-51.18	-39.70	11.5	-13.0	26.7	Vertical	PK	118	PASS
8	9250.69	-58.81	-42.37	16.4	-13.0	29.4	Vertical	PK	205	PASS
9	11100.684	-58.93	-36.99	21.9	-13.0	24.0	Vertical	PK	205	PASS
10	12951.158	-64.39	-42.38	22.0	-13.0	29.4	Vertical	PK	97	PASS

RSE_V_EDGE_1900_LOW_512_30M-18G



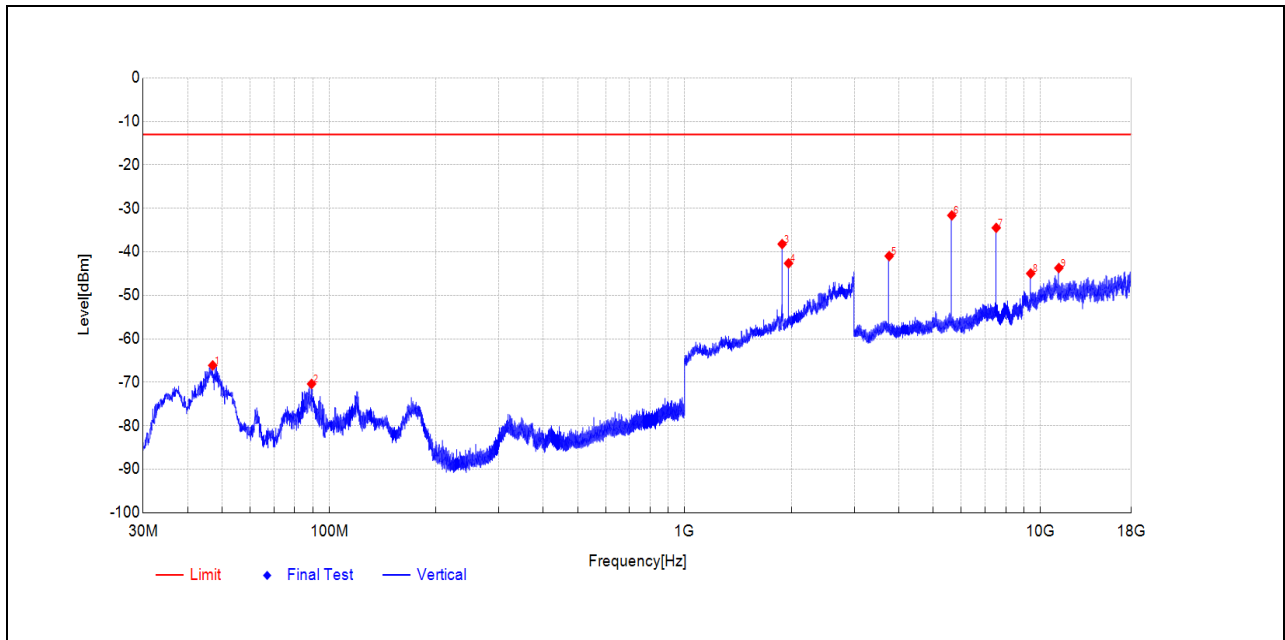


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	89.464	-45.86	-69.28	-23.4	-13.0	56.3	Horizontal	PK	338	PASS
2	178.3689	-49.16	-70.72	-21.6	-13.0	57.7	Horizontal	PK	316	PASS
3	1879.776	-39.24	-33.96	5.3	-	-	Horizontal	PK	230	NA
4	1959.792	-55.38	-50.88	4.5	-	-	Horizontal	PK	313	NA
5	3759.9657	-45.49	-44.31	1.2	-13.0	31.3	Horizontal	PK	170	PASS
6	5639.9486	-46.89	-39.79	7.1	-13.0	26.8	Horizontal	PK	358	PASS
7	7520.2208	-48.65	-36.44	12.2	-13.0	23.4	Horizontal	PK	36	PASS
8	9399.496	-61.21	-44.90	16.3	-13.0	31.9	Horizontal	PK	102	PASS
9	11280.2112	-65.00	-44.96	20.0	-13.0	32.0	Horizontal	PK	102	PASS

RSE_H_EDGE_1900_MID_661_30M-18G



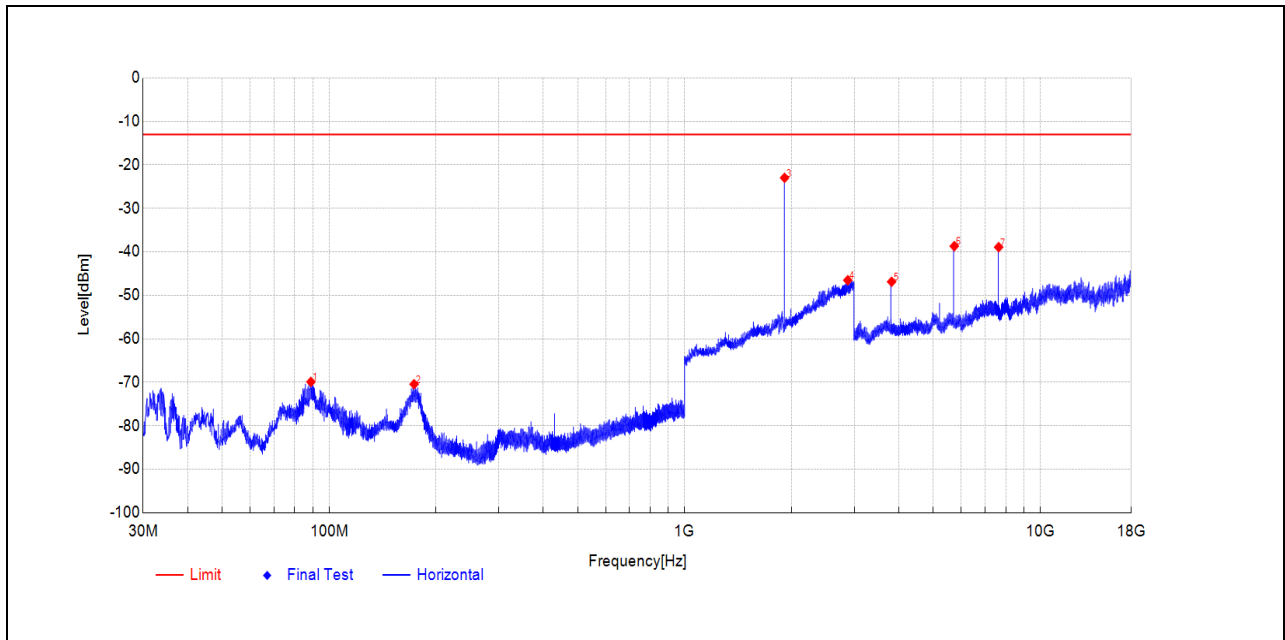


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	47.0729	-46.56	-66.11	-19.6	-13.0	53.1	Vertical	PK	5	PASS
2	89.27	-47.98	-70.37	-22.4	-13.0	57.4	Vertical	PK	86	PASS
3	1879.776	-43.30	-38.20	5.1	-	-	Vertical	PK	140	NA
4	1960.192	-46.84	-42.63	4.2	-	-	Vertical	PK	161	NA
5	3759.9657	-42.04	-40.96	1.1	-13.0	28.0	Vertical	PK	147	PASS
6	5639.9486	-38.31	-31.61	6.7	-13.0	18.6	Vertical	PK	248	PASS
7	7519.7408	-46.26	-34.47	11.8	-13.0	21.5	Vertical	PK	161	PASS
8	9400.456	-61.46	-44.97	16.5	-13.0	32.0	Vertical	PK	183	PASS
9	11279.7312	-63.66	-43.71	20.0	-13.0	30.7	Vertical	PK	75	PASS

RSE_V_EDGE_1900_MID_661_30M-18G



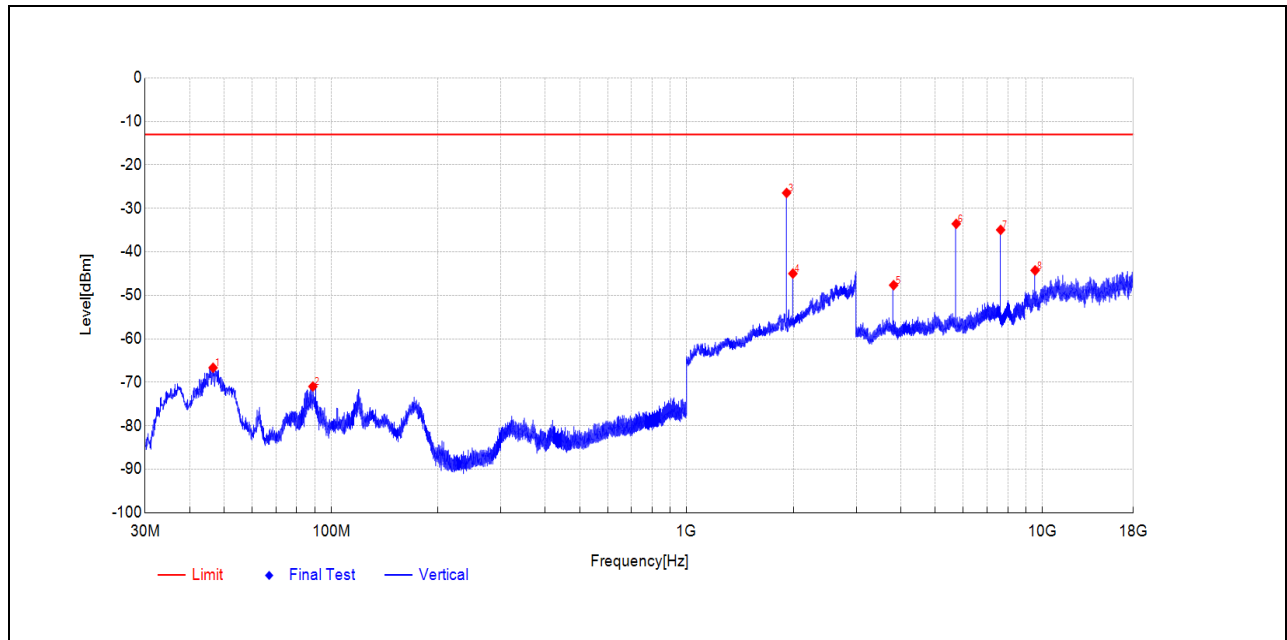


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.9304	-46.45	-69.90	-23.5	-13.0	56.9	Horizontal	PK	126	PASS
2	173.4217	-48.09	-70.44	-22.4	-13.0	57.4	Horizontal	PK	333	PASS
3	1909.782	-27.20	-22.97	4.2	-	-	Horizontal	PK	227	NA
4	2875.175	-59.08	-46.53	12.6	-13.0	33.5	Horizontal	PK	79	PASS
5	3819.5456	-47.75	-46.87	0.9	-13.0	33.9	Horizontal	PK	5	PASS
6	5729.5328	-46.12	-38.69	7.4	-13.0	25.7	Horizontal	PK	126	PASS
7	7639.2656	-50.87	-38.91	12.0	-13.0	25.9	Horizontal	PK	36	PASS

RSE_H_EDGE_1900_HIGH_810_30M-18G



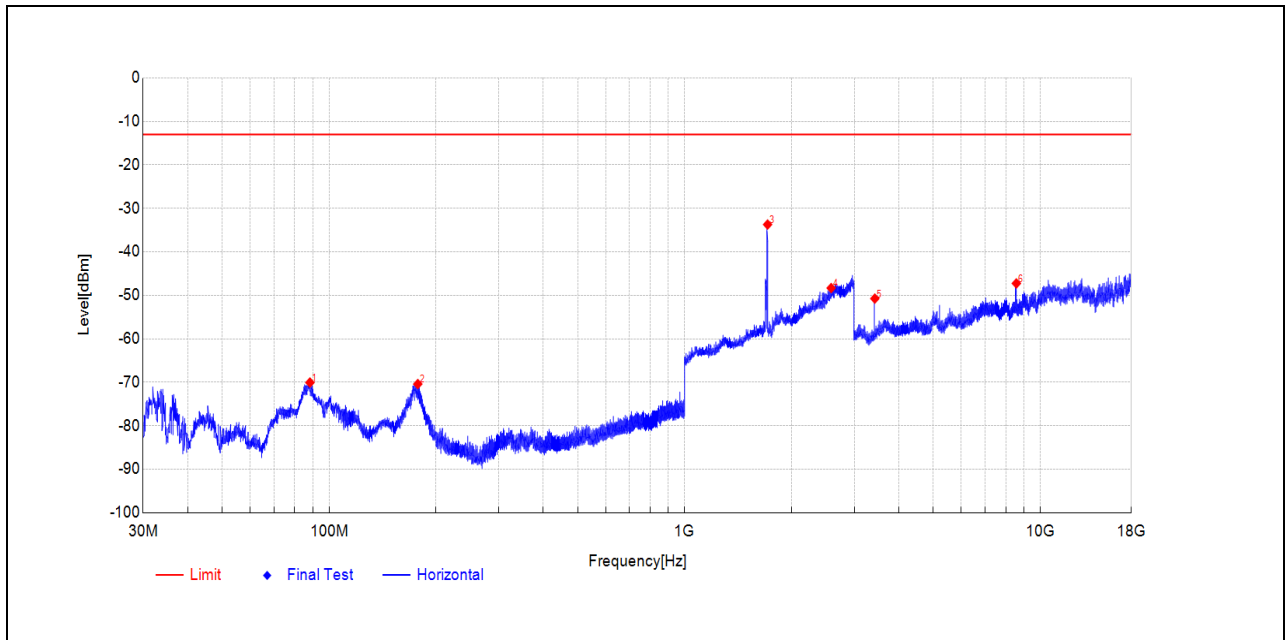


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.5878	-46.94	-66.65	-19.7	-13.0	53.7	Vertical	PK	25	PASS
2	88.8819	-48.53	-70.96	-22.4	-13.0	58.0	Vertical	PK	66	PASS
3	1910.182	-31.28	-26.44	4.8	-	-	Vertical	PK	117	NA
4	1989.798	-49.39	-44.99	4.4	-	-	Vertical	PK	161	NA
5	3819.5456	-48.35	-47.65	0.7	-13.0	34.7	Vertical	PK	210	PASS
6	5729.1042	-40.09	-33.54	6.6	-13.0	20.5	Vertical	PK	231	PASS
7	7639.2656	-46.22	-34.94	11.3	-13.0	21.9	Vertical	PK	161	PASS
8	9549.262	-61.43	-44.26	17.2	-13.0	31.3	Vertical	PK	333	PASS

RSE_V_EDGE_1900_HIGH_810_30M-18G



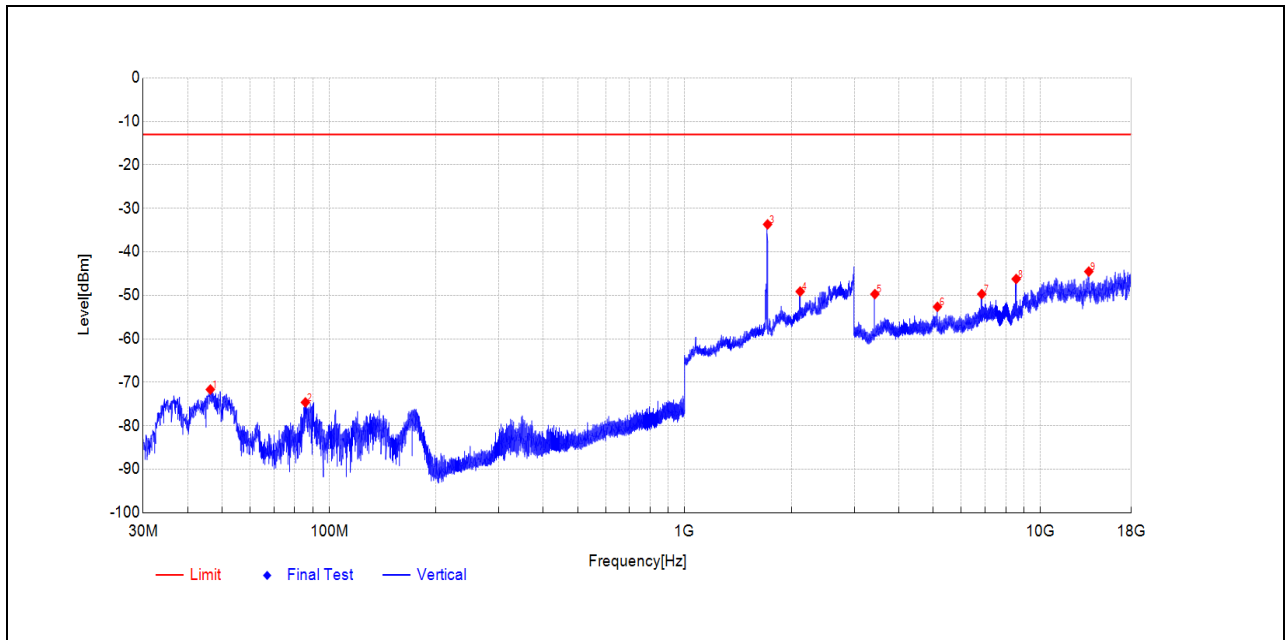


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.3484	-46.60	-70.05	-23.5	-13.0	57.1	Horizontal	PK	150	PASS
2	177.5929	-48.73	-70.40	-21.7	-13.0	57.4	Horizontal	PK	331	PASS
3	1710.9422	-37.03	-33.70	3.3	-	-	Horizontal	PK	207	NA
4	2582.3165	-58.92	-48.31	10.6	-13.0	35.3	Horizontal	PK	227	PASS
5	3426.0609	-51.17	-50.74	0.4	-13.0	37.7	Horizontal	PK	68	PASS
6	8566.6627	-61.44	-47.25	14.2	-13.0	34.3	Horizontal	PK	37	PASS

RSE_H_WCDMA_B4_LOW_1537_30M-18G



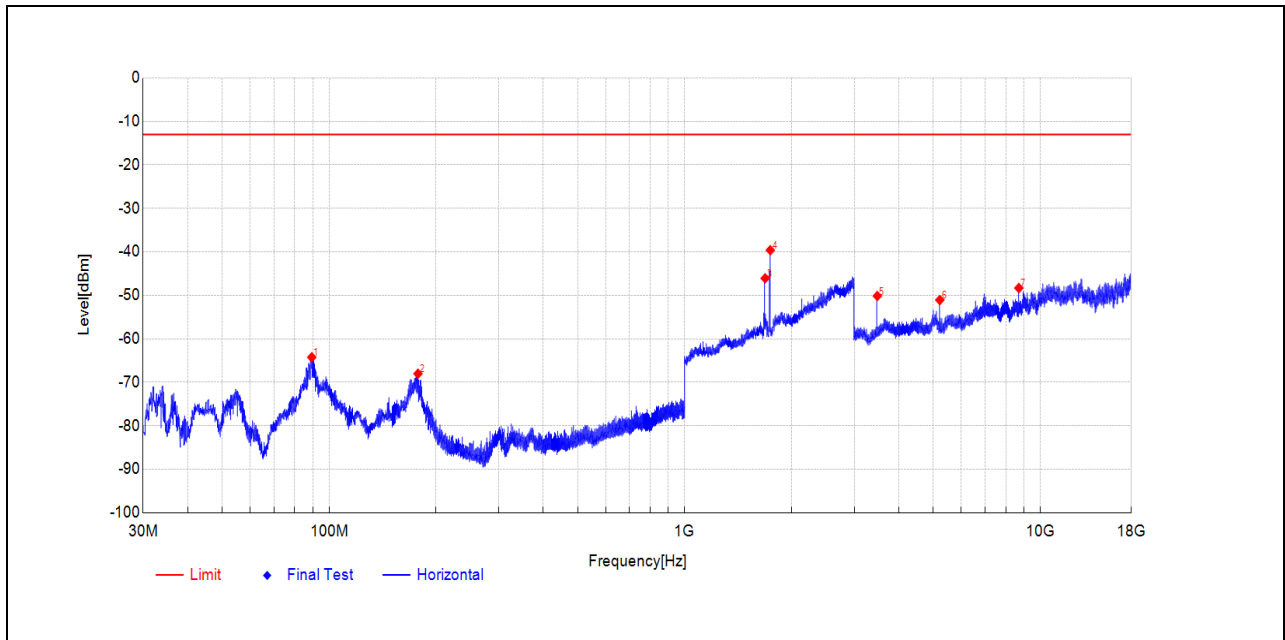


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.3453	-51.90	-71.66	-19.8	-13.0	58.7	Vertical	PK	5	PASS
2	85.7778	-51.93	-74.61	-22.7	-13.0	61.6	Vertical	PK	88	PASS
3	1711.3423	-37.15	-33.67	3.5	-	-	Vertical	PK	100	NA
4	2113.0226	-54.72	-49.12	5.6	-	-	Vertical	PK	142	NA
5	3427.3468	-50.31	-49.71	0.6	-13.0	36.7	Vertical	PK	108	PASS
6	5139.7342	-57.87	-52.63	5.2	-13.0	39.6	Vertical	PK	149	PASS
7	6846.7539	-60.47	-49.71	10.8	-13.0	36.7	Vertical	PK	78	PASS
8	8557.5423	-59.96	-46.23	13.7	-13.0	33.2	Vertical	PK	183	PASS
9	13696.6279	-69.37	-44.52	24.9	-13.0	31.5	Vertical	PK	120	PASS

RSE_V_WCDMA_B4_LOW_1537_30M-18G



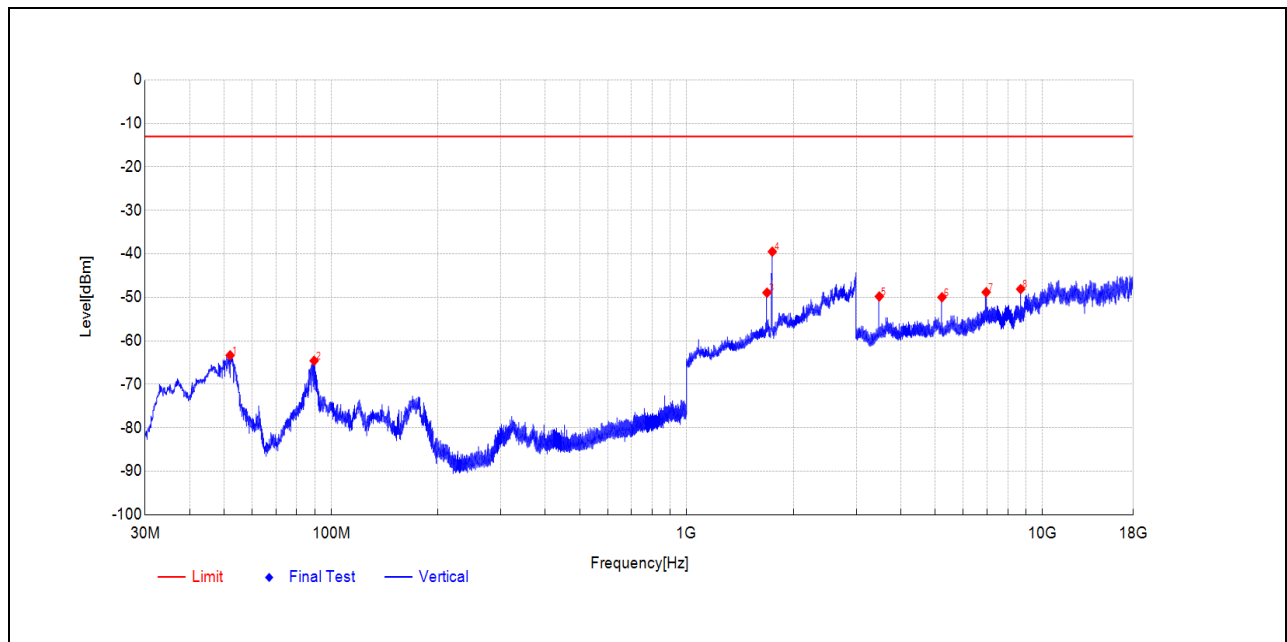


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	89.4155	-40.85	-64.24	-23.4	-13.0	51.2	Horizontal	PK	5	PASS
2	177.8354	-46.40	-68.03	-21.6	-13.0	55.0	Horizontal	PK	129	PASS
3	1683.7367	-48.41	-46.08	2.3	-	-	Horizontal	PK	56	NA
4	1740.9482	-42.59	-39.61	3.0	-	-	Horizontal	PK	247	NA
5	3481.7831	-51.04	-50.14	0.9	-13.0	37.1	Horizontal	PK	68	PASS
6	5217.7454	-56.24	-51.07	5.2	-13.0	38.1	Horizontal	PK	150	PASS
7	8706.3483	-63.13	-48.31	14.8	-13.0	35.3	Horizontal	PK	35	PASS

RSE_H_WCDMA_B4_MID_1675_30M-18G



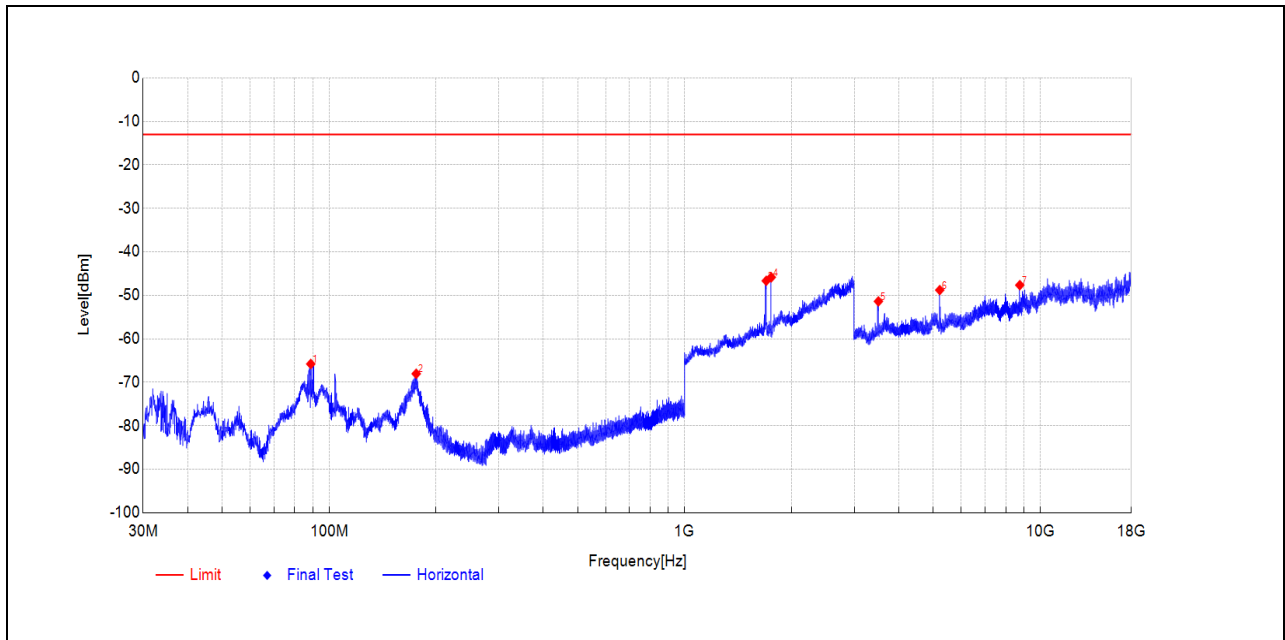


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	52.0201	-45.46	-63.34	-17.9	-13.0	50.3	Vertical	PK	5	PASS
2	89.6095	-42.25	-64.58	-22.3	-13.0	51.6	Vertical	PK	68	PASS
3	1681.7363	-51.51	-48.93	2.6	-	-	Vertical	PK	0	NA
4	1741.3483	-42.92	-39.49	3.4	-	-	Vertical	PK	101	NA
5	3481.3545	-50.91	-49.79	1.1	-13.0	36.8	Vertical	PK	273	PASS
6	5223.7462	-54.96	-49.98	5.0	-13.0	37.0	Vertical	PK	5	PASS
7	6957.1583	-59.80	-48.81	11.0	-13.0	35.8	Vertical	PK	227	PASS
8	8695.3078	-62.27	-48.11	14.2	-13.0	35.1	Vertical	PK	0	PASS

RSE_V_WCDMA_B4_MID_1675_30M-18G



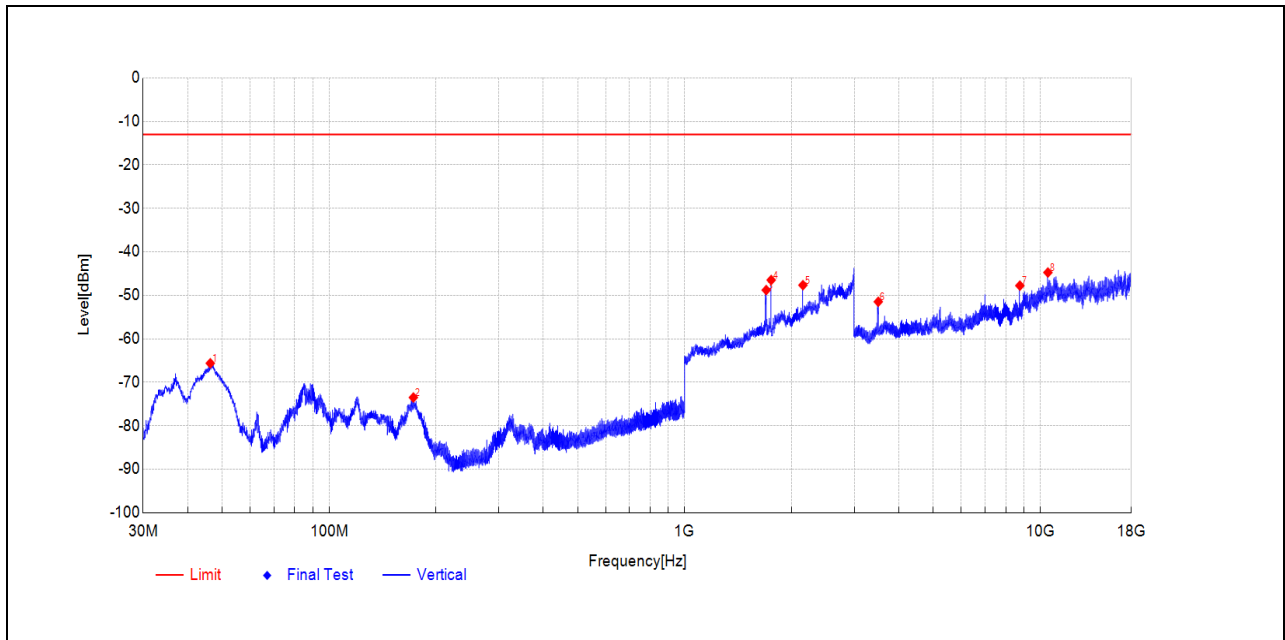


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	88.8334	-42.36	-65.78	-23.4	-13.0	52.8	Horizontal	PK	152	PASS
2	175.7983	-46.07	-68.03	-22.0	-13.0	55.0	Horizontal	PK	357	PASS
3	1696.1392	-49.74	-46.65	3.1	-	-	Horizontal	PK	56	NA
4	1751.3503	-48.76	-45.84	2.9	-	-	Horizontal	PK	207	NA
5	3506.6438	-52.47	-51.38	1.1	-13.0	38.4	Horizontal	PK	252	PASS
6	5216.4595	-53.95	-48.78	5.2	-13.0	35.8	Horizontal	PK	360	PASS
7	8760.5904	-62.64	-47.64	15.0	-13.0	34.6	Horizontal	PK	14	PASS

RSE_H_WCDMA_B4_HIGH_1738_30M-18G



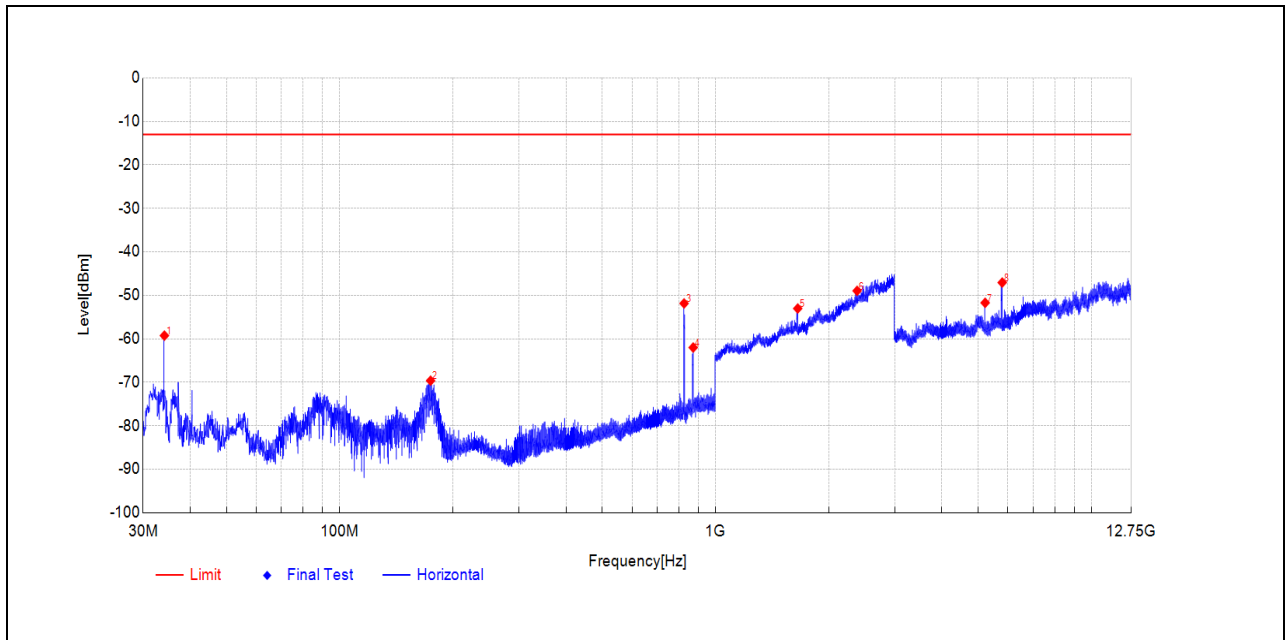


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	46.3453	-45.86	-65.62	-19.8	-13.0	52.6	Vertical	PK	5	PASS
2	172.5971	-50.68	-73.49	-22.8	-13.0	60.5	Vertical	PK	126	PASS
3	1695.7391	-52.04	-48.78	3.3	-13.0	35.8	Vertical	PK	104	PASS
4	1751.3503	-49.94	-46.47	3.5	-	-	Vertical	PK	104	NA
5	2151.4303	-53.37	-47.65	5.7	-	-	Vertical	PK	167	NA
6	3503.2147	-52.76	-51.46	1.3	-13.0	38.5	Vertical	PK	290	PASS
7	8764.4306	-62.36	-47.76	14.6	-13.0	34.8	Vertical	PK	0	PASS
8	10508.8204	-64.36	-44.74	19.6	-13.0	31.7	Vertical	PK	0	PASS

RSE_V_WCDMA_B4_HIGH_1738_30M-18G



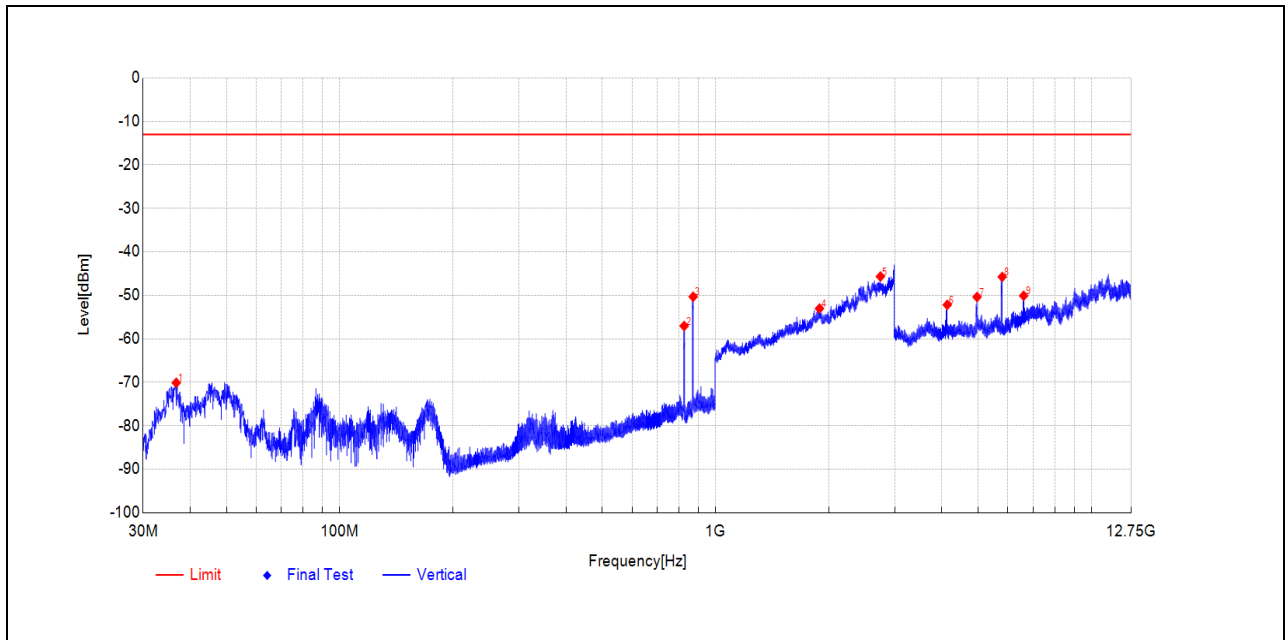


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	34.1712	-44.06	-59.26	-15.2	-13.0	46.3	Horizontal	PK	5	PASS
2	174.5372	-47.75	-69.62	-21.9	-13.0	56.6	Horizontal	PK	134	PASS
3	824.8577	-46.06	-51.85	-5.8	-	-	Horizontal	PK	175	NA
4	872.3901	-57.17	-62.00	-4.8	-	-	Horizontal	PK	282	NA
5	1654.931	-55.53	-53.02	2.5	-13.0	40.0	Horizontal	PK	83	PASS
6	2380.6761	-58.61	-48.95	9.7	-13.0	36.0	Horizontal	PK	314	PASS
7	5216.7733	-56.88	-51.71	5.2	-13.0	38.7	Horizontal	PK	260	PASS
8	5792.0521	-54.39	-47.05	7.3	-13.0	34.1	Horizontal	PK	218	PASS

RSE_H_WCDMA_B5_LOW_4357_30M-12.75G



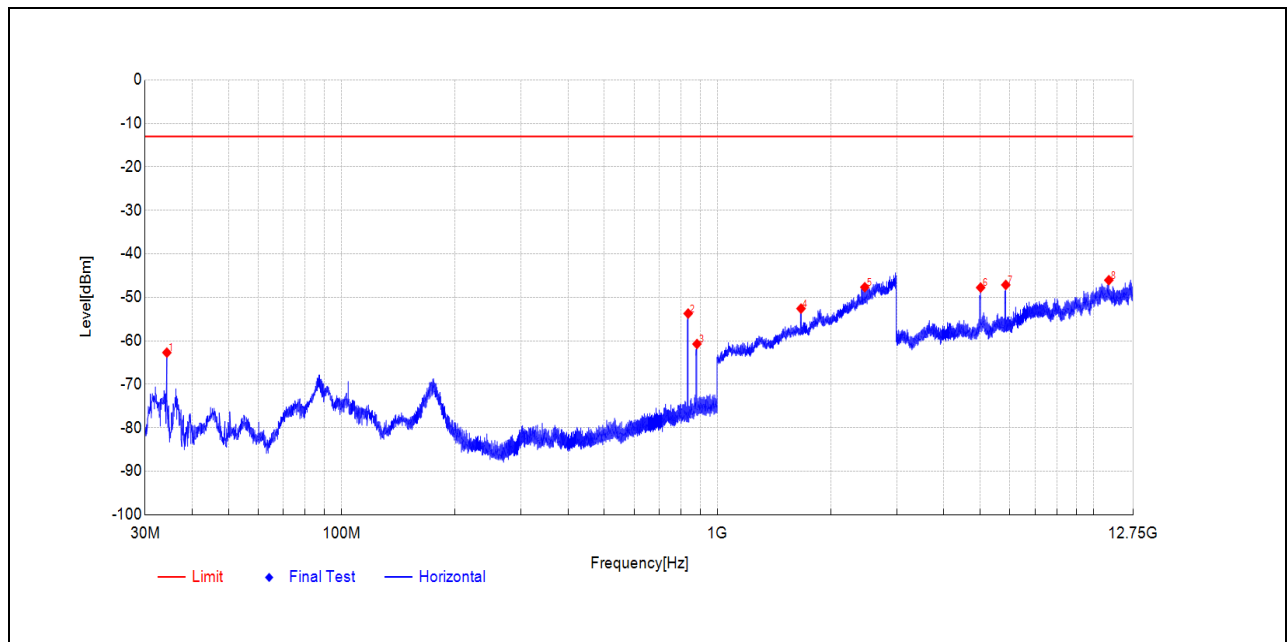


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	36.7418	-47.17	-70.11	-22.9	-13.0	57.1	Vertical	PK	345	PASS
2	824.9547	-51.14	-57.04	-5.9	-	-	Vertical	PK	109	NA
3	872.2446	-45.55	-50.31	-4.8	-	-	Vertical	PK	238	NA
4	1890.9782	-58.93	-53.03	5.9	-13.0	40.0	Vertical	PK	210	PASS
5	2745.5491	-58.13	-45.67	12.5	-13.0	32.7	Vertical	PK	210	PASS
6	4136.9068	-54.36	-52.18	2.2	-13.0	39.2	Vertical	PK	216	PASS
7	4963.2607	-55.34	-50.37	5.0	-13.0	37.4	Vertical	PK	238	PASS
8	5791.0771	-52.30	-45.75	6.6	-13.0	32.8	Vertical	PK	238	PASS
9	6603.2927	-60.16	-50.09	10.1	-13.0	37.1	Vertical	PK	48	PASS

RSE_V_WCDMA_B5_LOW_4357_30M-12.75G



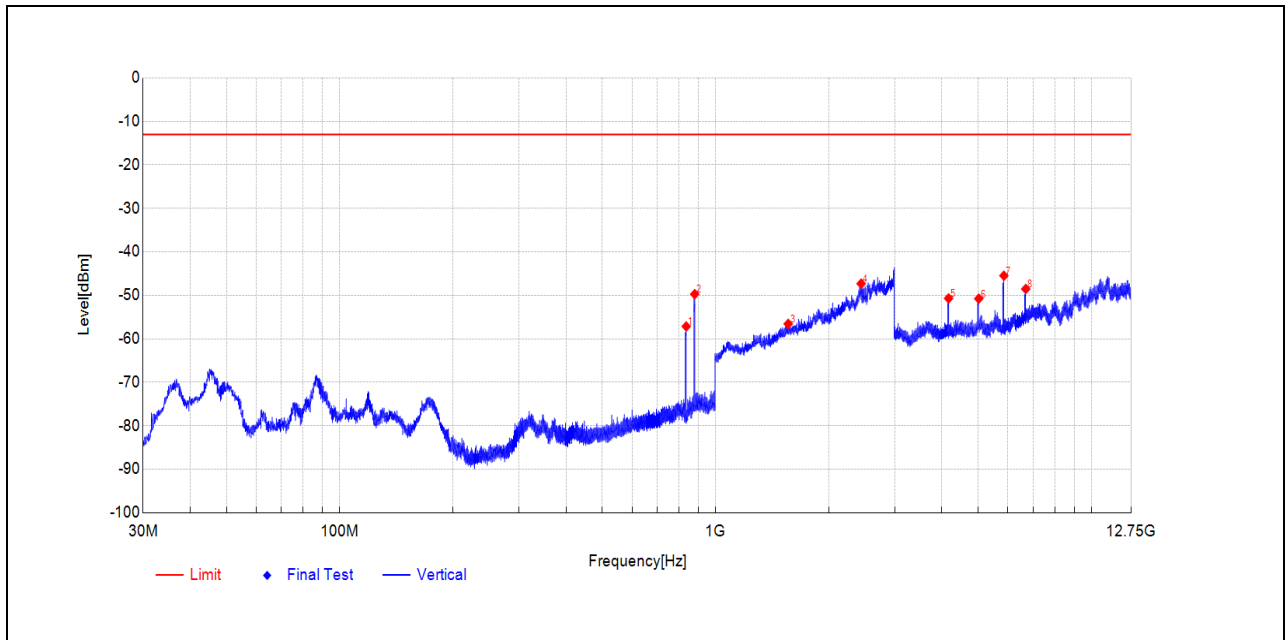


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	34.2682	-47.51	-62.71	-15.2	-13.0	49.7	Horizontal	PK	5	PASS
2	835.3343	-48.16	-53.72	-5.6	-	-	Horizontal	PK	92	NA
3	881.7511	-55.99	-60.73	-4.7	-	-	Horizontal	PK	283	NA
4	1667.7335	-55.08	-52.58	2.5	-13.0	39.6	Horizontal	PK	84	PASS
5	2465.093	-57.97	-47.66	10.3	-13.0	34.7	Horizontal	PK	209	PASS
6	5012.5006	-53.85	-47.75	6.1	-13.0	34.8	Horizontal	PK	326	PASS
7	5848.6049	-54.69	-47.13	7.6	-13.0	34.1	Horizontal	PK	326	PASS
8	10993.9372	-67.01	-46.04	21.0	-13.0	33.0	Horizontal	PK	113	PASS

RSE_H_WCDMA_B5_MID_4400_30M-12.75G



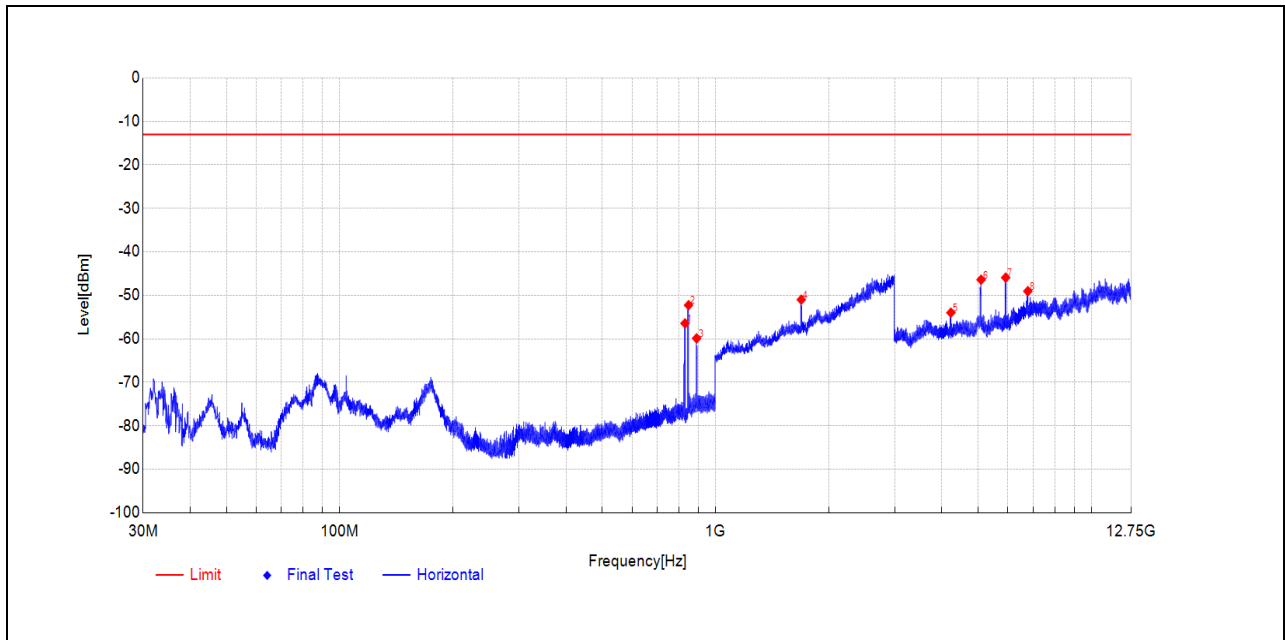


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	835.7708	-51.31	-57.15	-5.8	-	-	Vertical	PK	68	NA
2	880.102	-45.24	-49.72	-4.5	-	-	Vertical	PK	242	NA
3	1560.5121	-59.29	-56.56	2.7	-13.0	43.6	Vertical	PK	126	PASS
4	2440.2881	-58.22	-47.31	10.9	-13.0	34.3	Vertical	PK	355	PASS
5	4169.0835	-52.93	-50.69	2.2	-13.0	37.7	Vertical	PK	68	PASS
6	5016.8883	-56.28	-50.76	5.5	-13.0	37.8	Vertical	PK	327	PASS
7	5852.9926	-52.12	-45.48	6.6	-13.0	32.5	Vertical	PK	220	PASS
8	6690.072	-58.76	-48.54	10.2	-13.0	35.5	Vertical	PK	27	PASS

RSE_V_WCDMA_B5_MID_4400_30M-12.75G



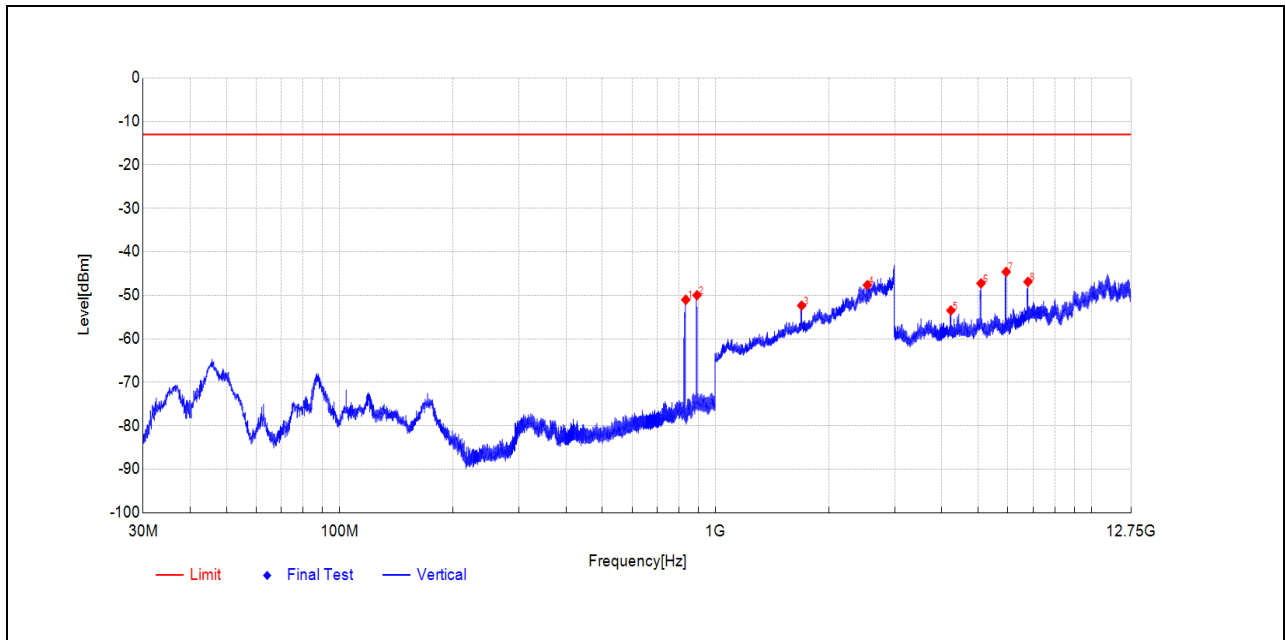


Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	829.514	-50.72	-56.44	-5.7	-	-	Horizontal	PK	219	NA
2	847.7509	-47.04	-52.26	-5.2	-	-	Horizontal	PK	112	NA
3	890.627	-55.19	-59.88	-4.7	-	-	Horizontal	PK	283	NA
4	1690.9382	-53.77	-51.00	2.8	-13.0	38.0	Horizontal	PK	0	PASS
5	4229.049	-56.22	-53.98	2.2	-13.0	41.0	Horizontal	PK	69	PASS
6	5087.5794	-52.46	-46.40	6.1	-13.0	33.4	Horizontal	PK	324	PASS
7	5916.8583	-53.73	-45.91	7.8	-13.0	32.9	Horizontal	PK	134	PASS
8	6777.3389	-60.74	-49.04	11.7	-13.0	36.0	Horizontal	PK	49	PASS

RSE_H_WCDMA_B5_HIGH_4458_30M-12.75G





Data List

No.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Angle [°]	Verdict
1	833.4427	-45.12	-51.01	-5.9	-	-	Vertical	PK	5	NA
2	892.8096	-45.54	-49.97	-4.4	-	-	Vertical	PK	49	NA
3	1694.939	-55.42	-52.35	3.1	-13.0	39.4	Vertical	PK	42	PASS
4	2535.5071	-57.92	-47.63	10.3	-13.0	34.6	Vertical	PK	146	PASS
5	4229.049	-55.75	-53.48	2.3	-13.0	40.5	Vertical	PK	109	PASS
6	5086.6043	-52.71	-47.24	5.5	-13.0	34.2	Vertical	PK	237	PASS
7	5934.4092	-51.57	-44.60	7.0	-13.0	31.6	Vertical	PK	194	PASS
8	6781.7266	-57.73	-46.88	10.9	-13.0	33.9	Vertical	PK	194	PASS

RSE_V_WCDMA_B5_HIGH_4458_30M-12.75G





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:	ShenzhenMorlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, 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:	ShenzhenMorlab Communications Technology Co., Ltd.
Address:	FL.1-3, 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 FL1-3, 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
Signal Analyzer	MY51511149	N9020A	Agilent	2026.04.28	2027.04.27
Communication Test Station	6200995016	MT8820C	Anritsu	2025.09.02	2026.09.01
Temperature Chamber	S022177101 00089002	KMT-36LF1A0	KOMEG	2025.09.03	2026.09.02
Power Splitter	NW521	1506A	Weinschel	N/A	N/A
Directional Coupler (10-67GHz)	N/A	110067016	KRYTAR	N/A	N/A
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
Attenuator (DC-40GHz)	N/A	10dB	RFTOP	N/A	N/A
RF cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
RF cable (DC-40GHz)	N/A	NYK360	Qualwave	N/A	N/A
Computer	T430i	Think Pad	Lenovo	N/A	N/A

4.2 List of Software Used

Description	Manufacturer	Software Version
MOR-2023E Test System	MORLAB	V7.99
JS36-RSE	Tonscend	5.0.0



**4.3 Radiated Test Equipment**

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Loop Antenna	00131	FMZB 1519B	SCHWARZBECK	2025.09.08	2026.09.07
Bi-Log Antenna	9163-274	VULB 9163	SCHWARZBECK	2025.06.28	2026.06.27
				2026.06.28	2027.06.27
Horn Antenna	9120D-963	BBHA 9120D	SCHWARZBECK	2026.05.09	2027.05.08
Horn Antenna	BBHA9170#773	BBHA9170	SCHWARZBECK	2025.06.20	2026.06.19
				2026.05.30	2027.05.29
Receiver	MY56400093	N9038A	KEYSIGHT	2025.12.24	2026.12.23
Signal Analyzer	MY56060145	N9020A	Agilent	2026.04.28	2027.04.27
6db Attenuator	E191001	BW-N6W5+	Mini-circuits	2025.09.03	2026.09.02
Preamplifier (2GHz-18GHz)	61171/61172	S020180L320 3	LUCIX CORP.	2026.05.07	2027.05.06
Preamplifier (10MHz-6GHz)	46732	S10M100L380 2	LUCIX CORP.	2026.05.07	2027.05.06
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-4 0C-S	Decentest	2026.05.07	2027.05.06
System Simulator	152038	CMW500	R&S	2025.09.03	2026.09.02
System Simulator	MY48364176	8960-E5515C	Agilent	2025.12.23	2026.12.22
System Simulator	6262148249	MT8000A	anritsu	2026.04.28	2027.04.27
RF Coaxial Cable	24111402-001+ 24111402-001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	24111402-001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	24111402-002+ 24111402-002	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	24111402-001+ 24111402-002	NA	TIMES Microwave	2025.09.03	2026.09.02





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RF Coaxial Cable	24111402-002+ 24111402-001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	24111402-001+ 24111402-001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	723692-0001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable	692839-0007+2 4111402-001	NA	TIMES Microwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	158230831+152 8032	RCA360-40M M-1000	Qualwave	2025.09.03	2026.09.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KK F-2	Qualwave	2025.09.03	2026.09.02





Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:
 - ☒ Morlab issues a statement of conformity based on the corresponding standards (default)
 - ☐ Morlab issues a statement of conformity based on the applicant requirement
6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).
7. "*" This item is not accredited in A2LA scope.

_____ END OF REPORT _____

