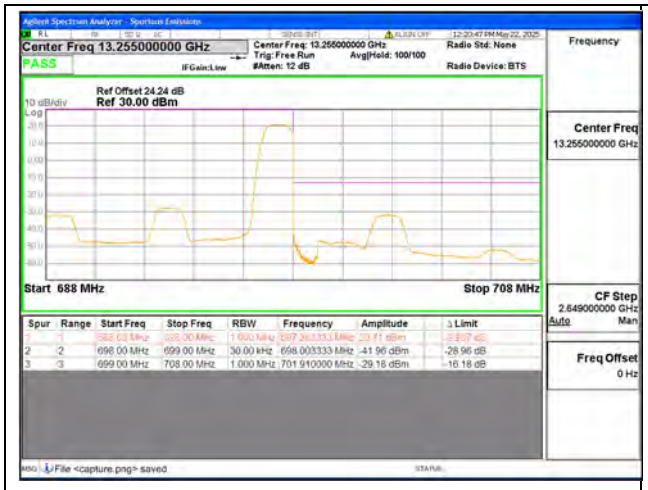
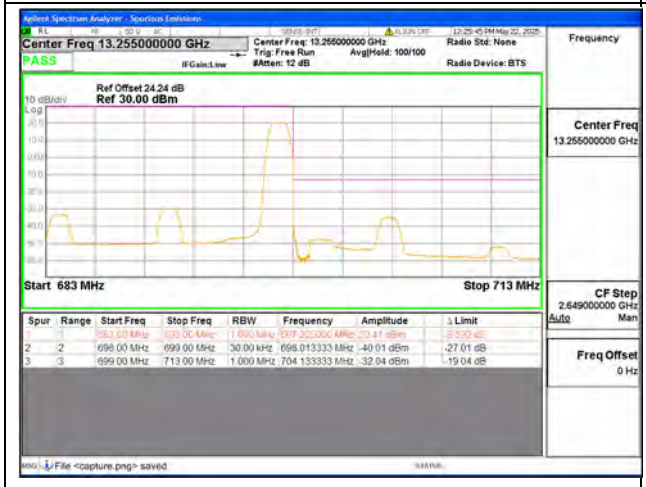


B71 / 10MHz / High CH / QPSK / 1 RB

B71 / 10MHz / High CH / QPSK / FULL RB

B71 / 15MHz / Low CH / QPSK / 1 RB

B71 / 15MHz / Low CH / QPSK / FULL RB

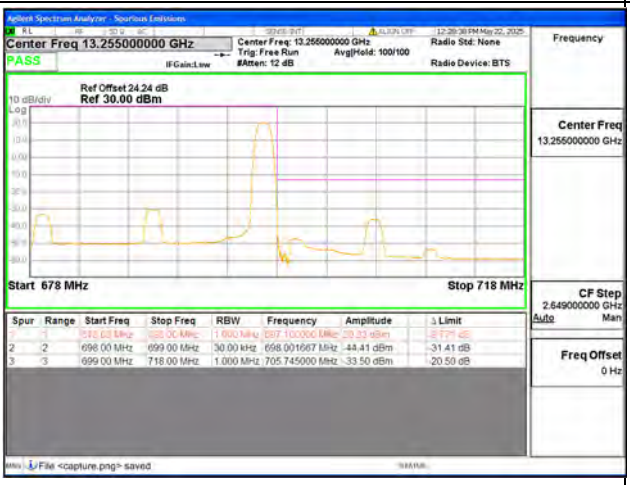


B71 / 15MHz / High CH / QPSK / 1 RB

B71 / 15MHz / High CH / QPSK / FULL RB

B71 / 20MHz / Low CH / QPSK / 1 RB

B71 / 20MHz / Low CH / QPSK / FULL RB



B71 / 20MHz / High CH / QPSK / 1 RB

B71 / 20MHz / High CH / QPSK / FULL RB

2.7. Radiated Spurious Emissions

2.7.1. Requirement

According to FCC section 2.1051, 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.

Additional requirement for LTE Band 7, 41

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 55 + 10 log(P) dB. This calculated to be -25dBm.

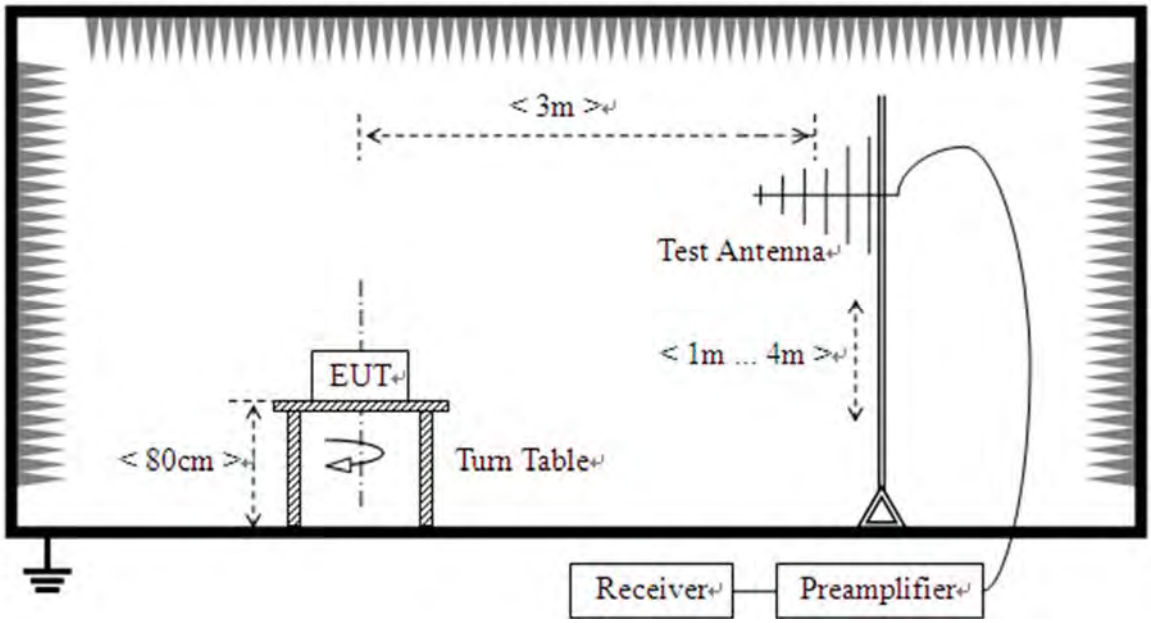
Additional requirement for Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (E.I.R.P.) for wideband signals, and −80 dBW E.I.R.P. for discrete emissions of less than 700 Hz bandwidth. This calculated to be -40dBm.

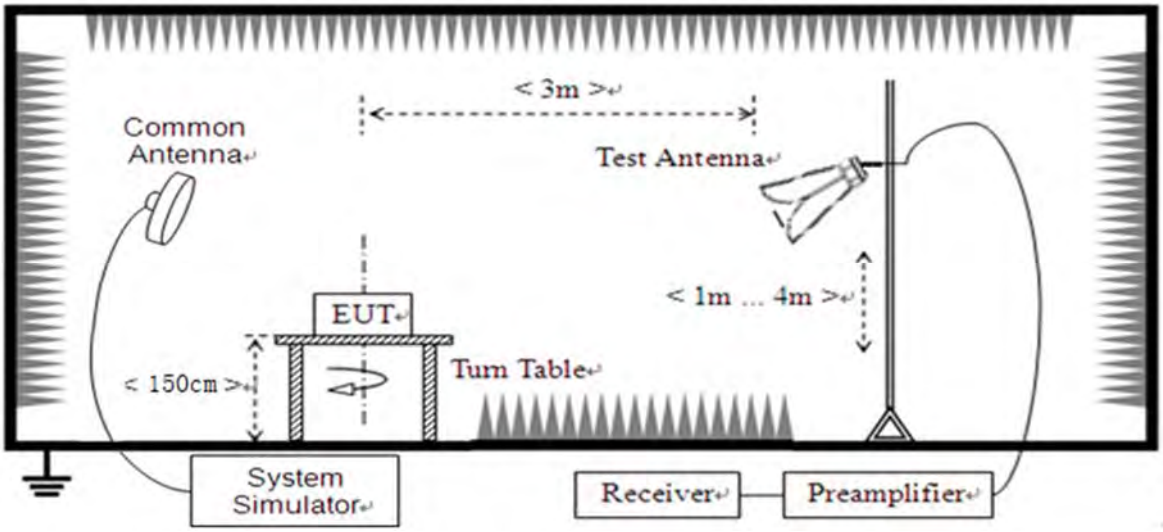
Additional requirement for LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 70 + 10 log (P) dB. This calculated to be -40dBm.

2.7.2. Test Description



(For the test frequency from 30MHz to1GHz)



(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.
A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.
In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test

Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360°to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: When doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.7.3. Test Procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

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

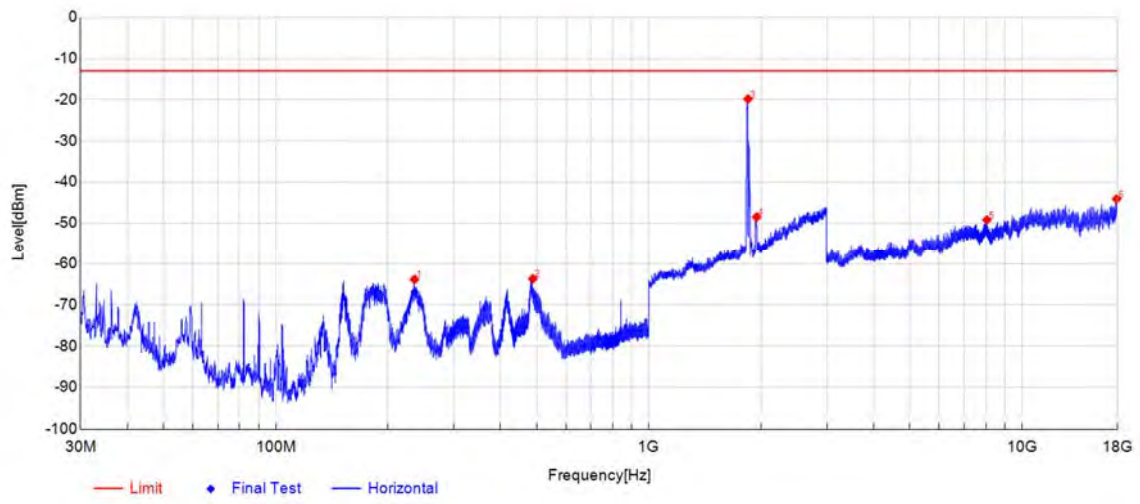
For measurements above 1GHz (exclude 1559-1610 MHz) the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.

2.7.4. Test Result

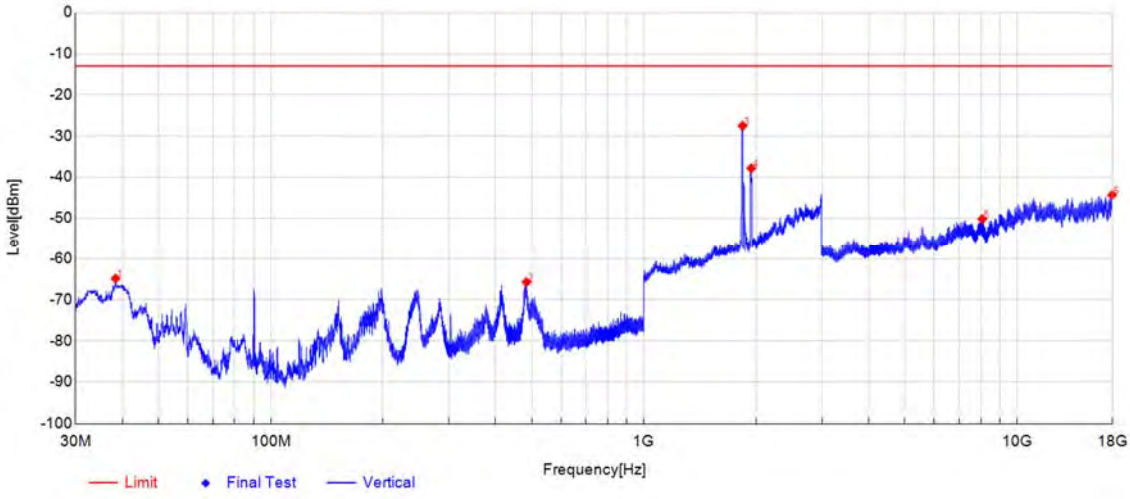
Note1: The power of the EUT transmitting frequency should be ignored.
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.
Note4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

LTE Band 2

Plot for Low Channel

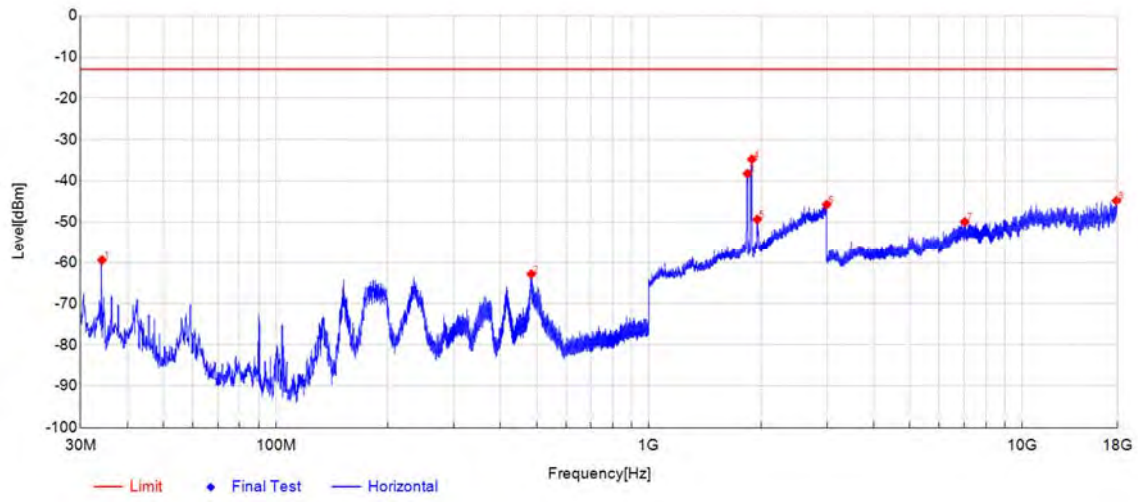


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
235.5048	-48.18	-63.86	-15.7	-13.0	50.9	Horizontal	PK	PASS
488.4934	-50.70	-63.71	-13.0	-13.0	50.7	Horizontal	PK	PASS
1842.9686	-24.06	-19.82	4.2	-13.0	6.8	Horizontal	PK	PASS
1944.1888	-52.70	-48.48	4.2	-	-	Horizontal	PK	NA
8048.7219	-62.64	-49.19	13.5	-13.0	36.2	Horizontal	PK	PASS
17926.557	-68.42	-44.11	24.3	-13.0	31.1	Horizontal	PK	PASS

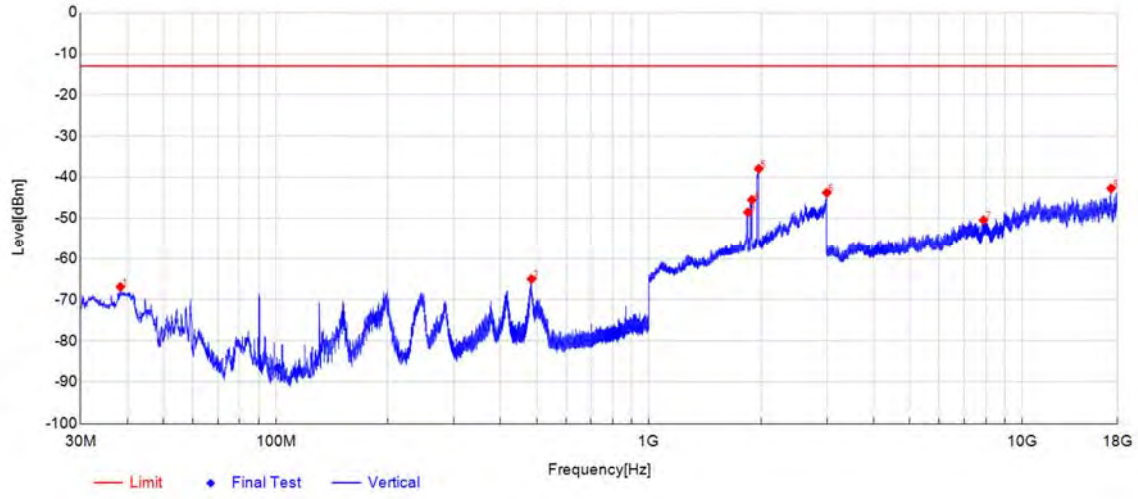


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.3909	-42.40	-64.83	-22.4	-13.0	51.8	Vertical	PK	PASS
484.4192	-52.53	-65.72	-13.2	-13.0	52.7	Vertical	PK	PASS
1837.7676	-32.13	-27.50	4.6	-13.0	14.5	Vertical	PK	PASS
1938.9878	-41.74	-37.82	3.9	-	-	Vertical	PK	NA
8067.9227	-63.15	-50.16	13.0	-13.0	37.2	Vertical	PK	PASS
17969.758	-68.53	-44.34	24.2	-13.0	31.3	Vertical	PK	PASS

Plot for Mid Channel

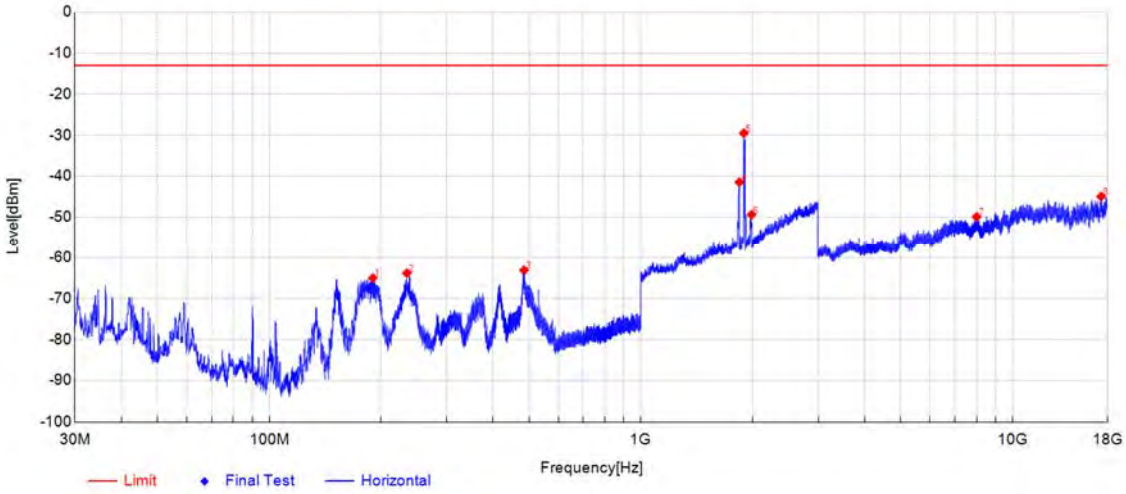


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
34.2197	-44.19	-59.42	-15.2	-13.0	46.4	Horizontal	PK	PASS
484.0312	-49.58	-62.81	-13.2	-13.0	49.8	Horizontal	PK	PASS
1836.9674	-42.46	-38.25	4.2	-13.0	25.3	Horizontal	PK	PASS
1888.1776	-39.74	-34.77	5.0	-	-	Horizontal	PK	NA
1951.7904	-53.71	-49.33	4.4	-	-	Horizontal	PK	NA
2994.799	-59.65	-45.75	13.9	-13.0	32.8	Horizontal	PK	PASS
7023.4009	-61.54	-49.93	11.6	-13.0	36.9	Horizontal	PK	PASS
17910.716	-69.22	-44.80	24.4	-13.0	31.8	Horizontal	PK	PASS

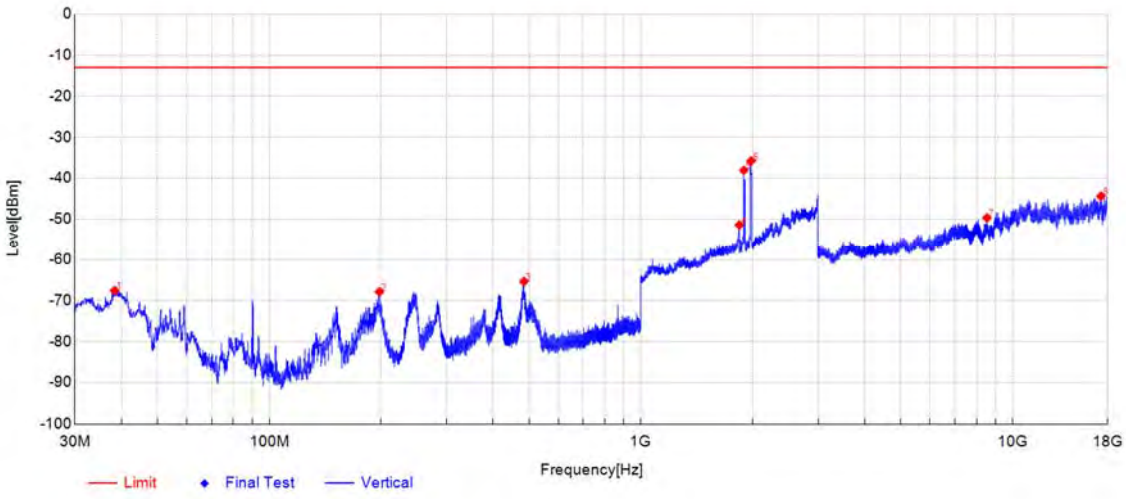


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.3424	-44.44	-66.88	-22.4	-13.0	53.9	Vertical	PK	PASS
484.5162	-51.79	-64.98	-13.2	-13.0	52.0	Vertical	PK	PASS
1841.3683	-53.08	-48.54	4.5	-13.0	35.5	Vertical	PK	PASS
1887.7776	-50.58	-45.48	5.1	-	-	Vertical	PK	NA
1968.5937	-42.41	-37.94	4.5	-	-	Vertical	PK	NA
2996.3993	-59.61	-43.77	15.8	-13.0	30.8	Vertical	PK	PASS
7887.9155	-62.67	-50.44	12.2	-13.0	37.4	Vertical	PK	PASS
17319.332	-67.35	-42.72	24.6	-13.0	29.7	Vertical	PK	PASS

Plot for High Channel



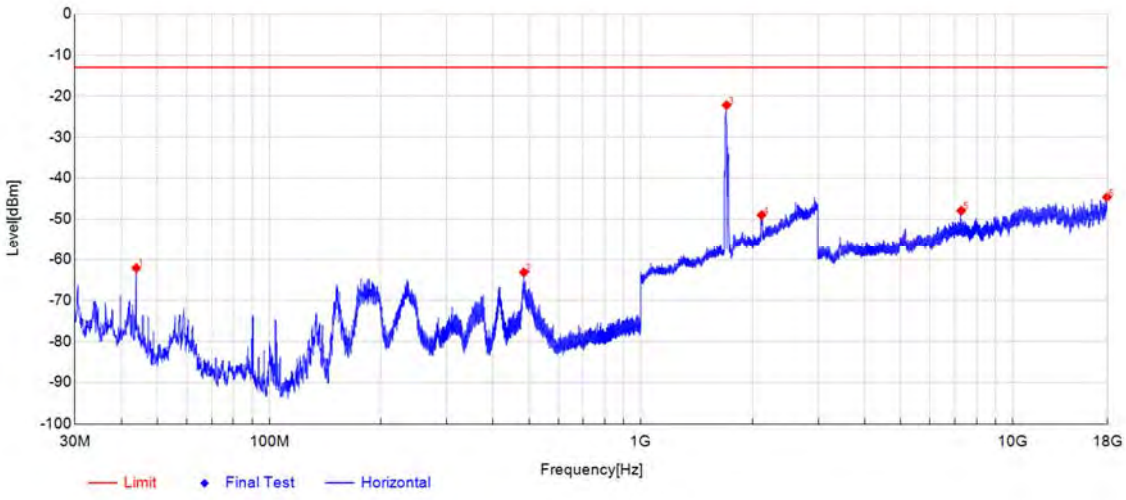
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
190.1065	-45.48	-65.03	-19.6	-13.0	52.0	Horizontal	PK	PASS
234.6802	-48.23	-63.85	-15.6	-13.0	50.9	Horizontal	PK	PASS
484.8072	-49.91	-63.10	-13.2	-13.0	50.1	Horizontal	PK	PASS
1840.9682	-45.67	-41.44	4.2	-13.0	28.4	Horizontal	PK	PASS
1892.5785	-34.28	-29.49	4.8	-	-	Horizontal	PK	NA
1983.7968	-53.89	-49.37	4.5	-	-	Horizontal	PK	NA
8008.8804	-63.26	-49.89	13.4	-13.0	36.9	Horizontal	PK	PASS
17311.172	-69.04	-44.94	24.1	-13.0	31.9	Horizontal	PK	PASS



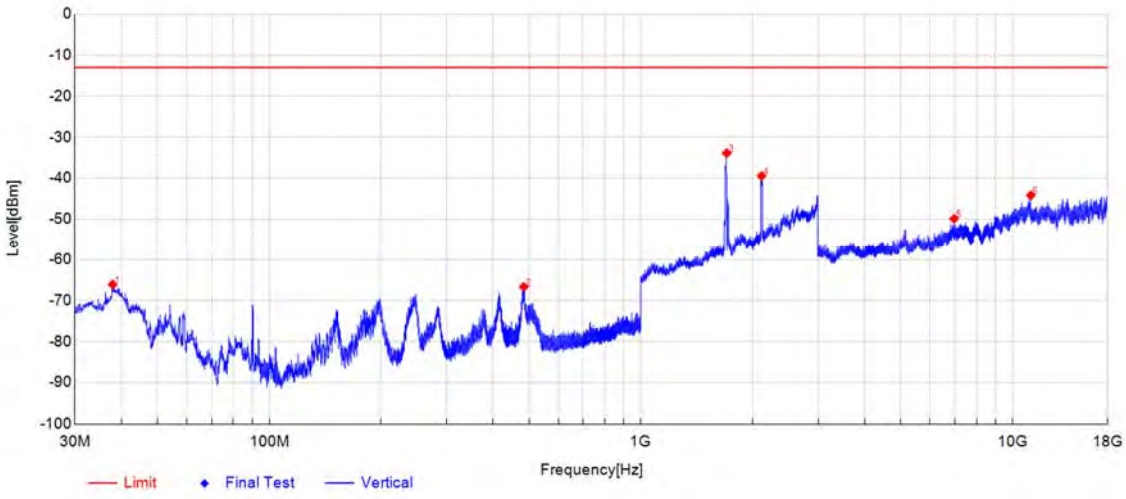
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
	-45.17	-67.60	-22.4	-13.0	54.6	Vertical	PK	PASS
197.8184	-46.28	-67.90	-21.6	-13.0	54.9	Vertical	PK	PASS
484.4192	-52.18	-65.37	-13.2	-13.0	52.4	Vertical	PK	PASS
1840.168	-55.96	-51.39	4.6	-13.0	38.4	Vertical	PK	PASS
1892.1784	-43.14	-38.04	5.1	-	-	Vertical	PK	NA
1978.1956	-40.54	-35.76	4.8	-	-	Vertical	PK	NA
8533.5413	-63.20	-49.63	13.6	-13.0	36.6	Vertical	PK	PASS
17288.131	-68.88	-44.35	24.5	-13.0	31.4	Vertical	PK	PASS

LTE Band 4

Plot for Low Channel

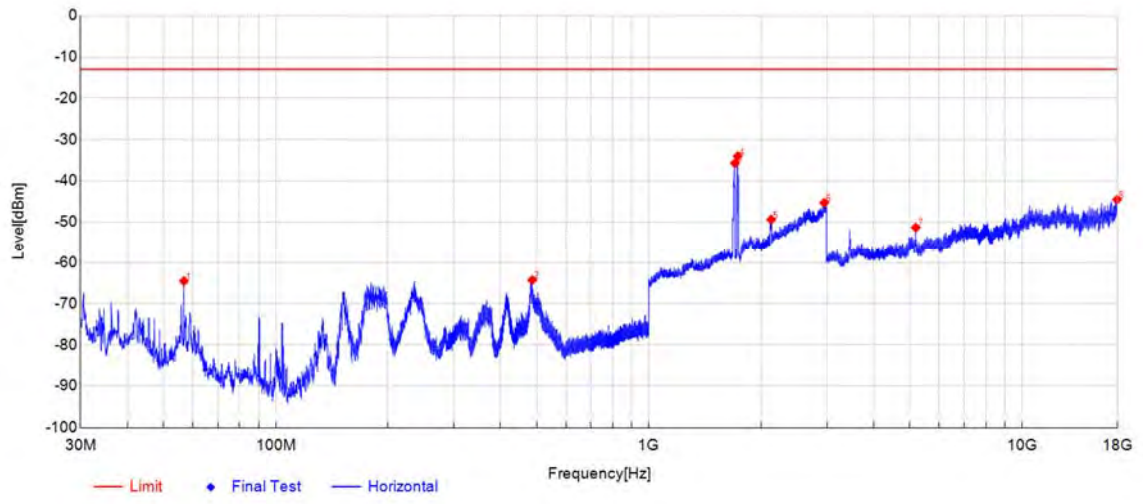


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.8717	-46.81	-62.13	-15.3	-13.0	49.1	Horizontal	PK	PASS
484.5647	-50.00	-63.18	-13.2	-13.0	50.2	Horizontal	PK	PASS
1700.14	-25.52	-22.19	3.3	-13.0	9.2	Horizontal	PK	PASS
2112.6225	-54.77	-48.98	5.8	-	-	Horizontal	PK	NA
7276.8511	-60.32	-47.92	12.4	-13.0	34.9	Horizontal	PK	PASS
17946.717	-68.81	-44.63	24.2	-13.0	31.6	Horizontal	PK	PASS

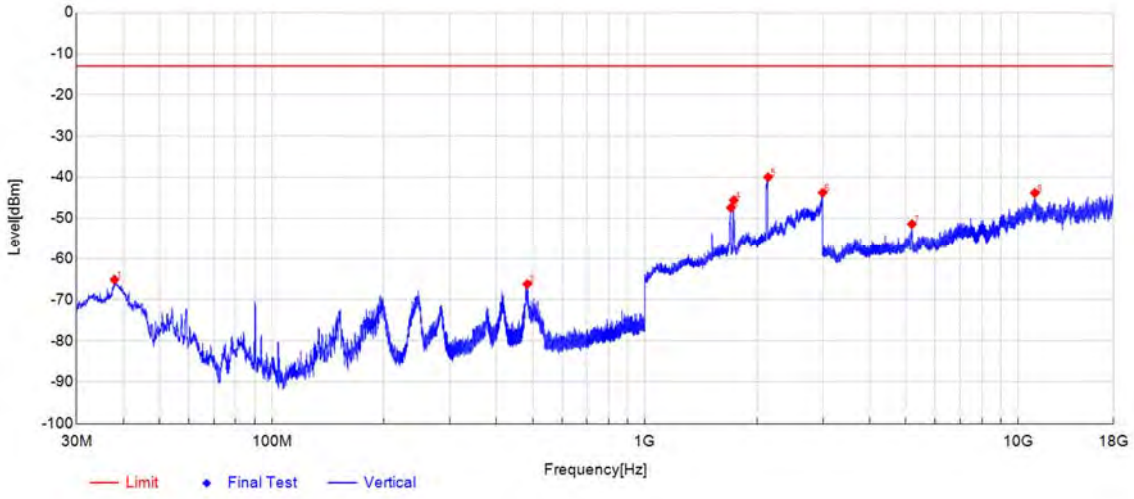


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-43.51	-66.10	-22.6	-13.0	53.1	Vertical	PK	PASS
484.0312	-53.51	-66.69	-13.2	-13.0	53.7	Vertical	PK	PASS
1701.7403	-37.33	-33.85	3.5	-13.0	20.9	Vertical	PK	PASS
2112.6225	-45.02	-39.43	5.6	-	-	Vertical	PK	NA
6962.9185	-60.85	-49.85	11.0	-13.0	36.9	Vertical	PK	PASS
11194.287	-65.58	-44.14	21.4	-13.0	31.1	Vertical	PK	PASS

Plot for Mid Channel

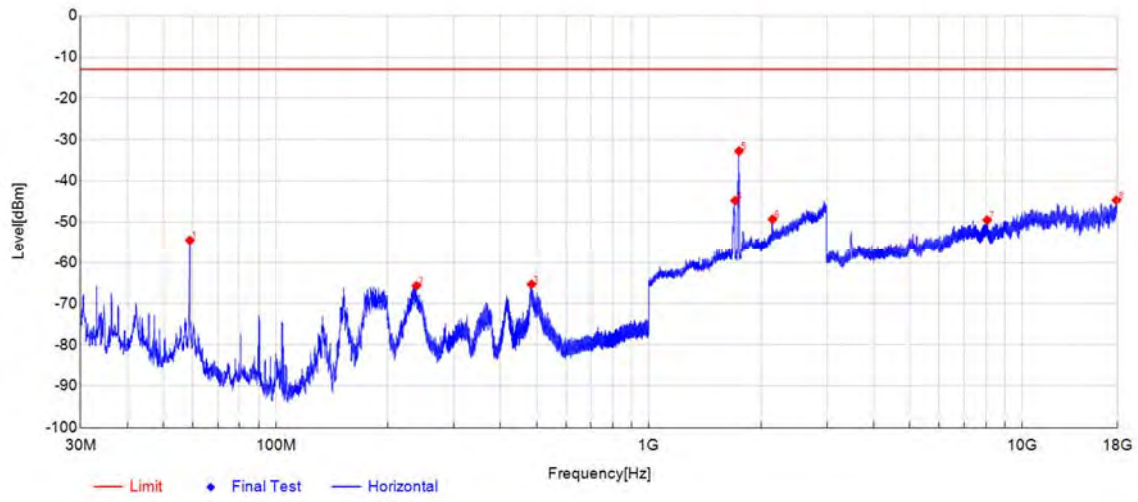


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
56.7248	-48.45	-64.51	-16.1	-13.0	51.5	Horizontal	PK	PASS
486.7473	-51.18	-64.25	-13.1	-13.0	51.3	Horizontal	PK	PASS
1700.14	-39.04	-35.71	3.3	-13.0	22.7	Horizontal	PK	PASS
1730.146	-37.05	-33.99	3.1	-	-	Horizontal	PK	NA
2126.6253	-55.33	-49.36	6.0	-	-	Horizontal	PK	NA
2949.1898	-59.15	-45.29	13.9	-13.0	32.3	Horizontal	PK	PASS
5191.5988	-56.50	-51.30	5.2	-13.0	38.3	Horizontal	PK	PASS
17969.278	-68.54	-44.53	24.0	-13.0	31.5	Horizontal	PK	PASS

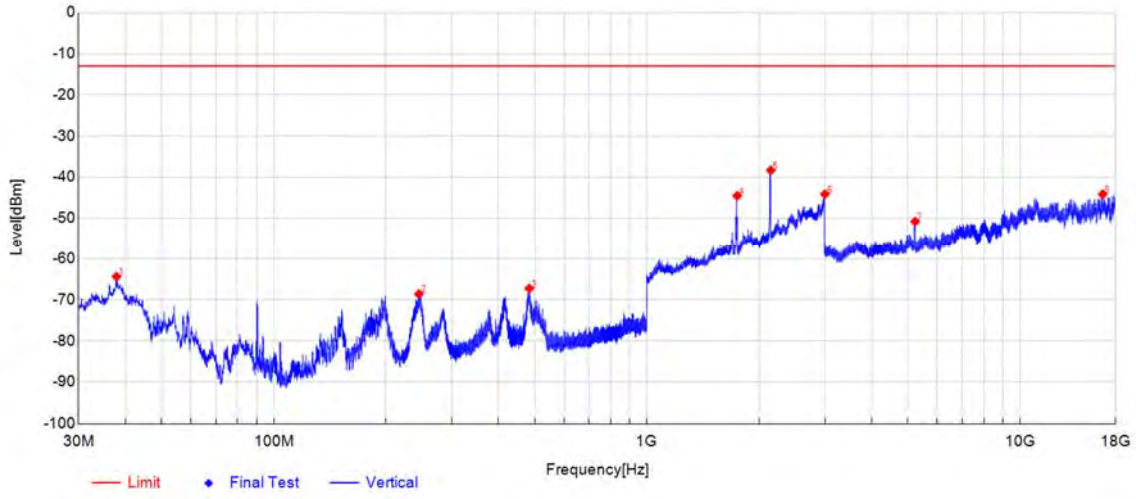


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-42.54	-65.13	-22.6	-13.0	52.1	Vertical	PK	PASS
483.8372	-53.00	-66.18	-13.2	-13.0	53.2	Vertical	PK	PASS
1700.14	-50.87	-47.40	3.5	-13.0	34.4	Vertical	PK	PASS
1730.146	-49.00	-45.59	3.4	-	-	Vertical	PK	NA
2139.828	-45.87	-39.98	5.9	-	-	Vertical	PK	NA
2994.3989	-59.68	-43.75	15.9	-13.0	30.8	Vertical	PK	PASS
5195.8851	-56.32	-51.40	4.9	-13.0	38.4	Vertical	PK	PASS
11090.603	-65.76	-43.83	21.9	-13.0	30.8	Vertical	PK	PASS

Plot for High Channel



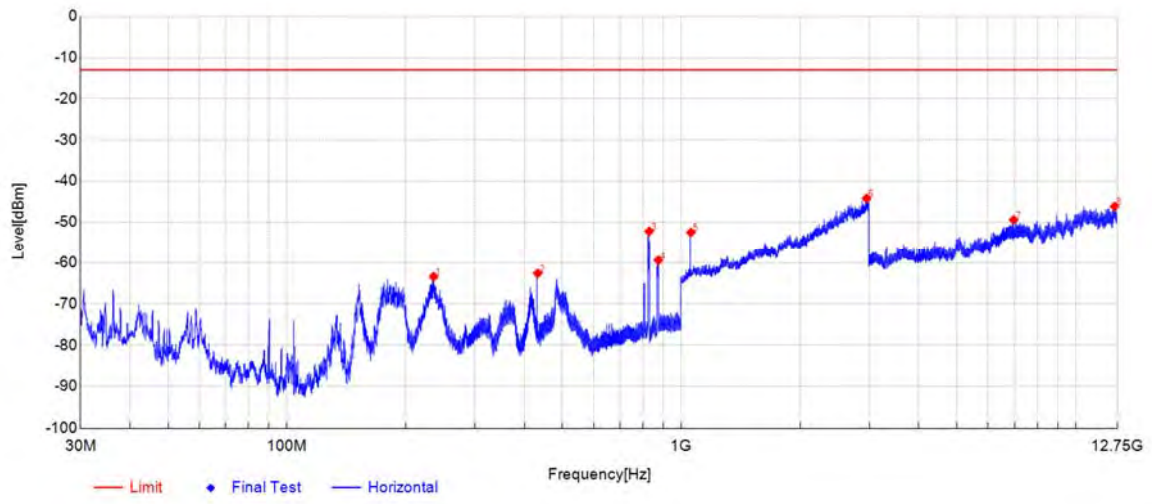
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
58.8589	-37.65	-54.44	-16.8	-13.0	41.4	Horizontal	PK	PASS
238.3179	-49.79	-65.67	-15.9	-13.0	52.7	Horizontal	PK	PASS
484.7102	-52.13	-65.30	-13.2	-13.0	52.3	Horizontal	PK	PASS
1702.1404	-48.15	-44.78	3.4	-13.0	31.8	Horizontal	PK	PASS
1744.5489	-35.74	-32.78	3.0	-	-	Horizontal	PK	NA
2145.029	-55.29	-49.27	6.0	-	-	Horizontal	PK	NA
8063.6025	-62.98	-49.50	13.5	-13.0	36.5	Horizontal	PK	PASS
17900.636	-69.17	-44.67	24.5	-13.0	31.7	Horizontal	PK	PASS



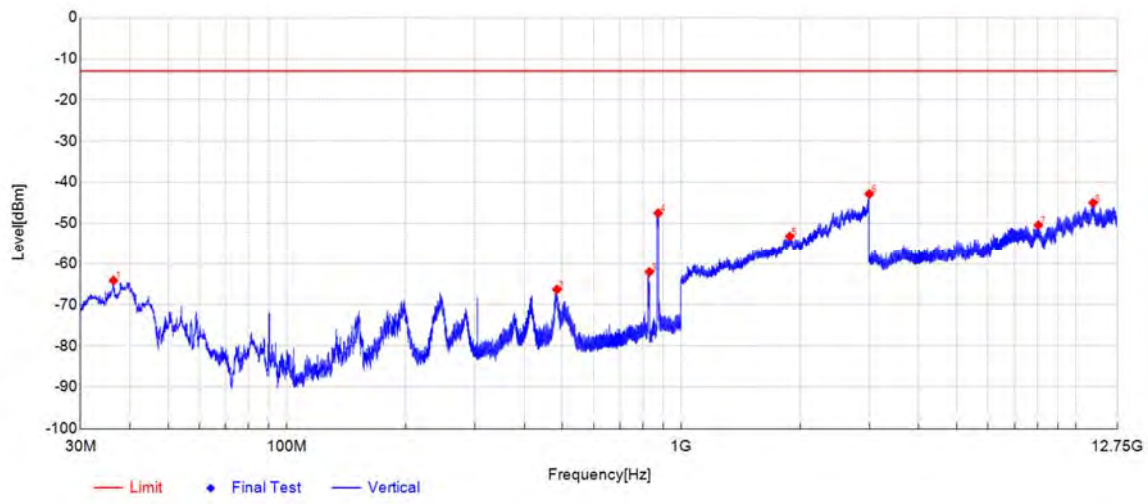
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-41.77	-64.36	-22.6	-13.0	51.4	Vertical	PK	PASS
244.9142	-50.06	-68.62	-18.6	-13.0	55.6	Vertical	PK	PASS
483.8372	-54.09	-67.27	-13.2	-13.0	54.3	Vertical	PK	PASS
1745.3491	-47.95	-44.50	3.5	-	-	Vertical	PK	NA
2148.2296	-44.09	-38.33	5.8	-	-	Vertical	PK	NA
2998.3997	-60.62	-44.11	16.5	-13.0	31.1	Vertical	PK	PASS
5234.0334	-55.78	-50.77	5.0	-13.0	37.8	Vertical	PK	PASS
16648.746	-69.83	-44.13	25.7	-13.0	31.1	Vertical	PK	PASS

LTE Band 5

Plot for Low Channel

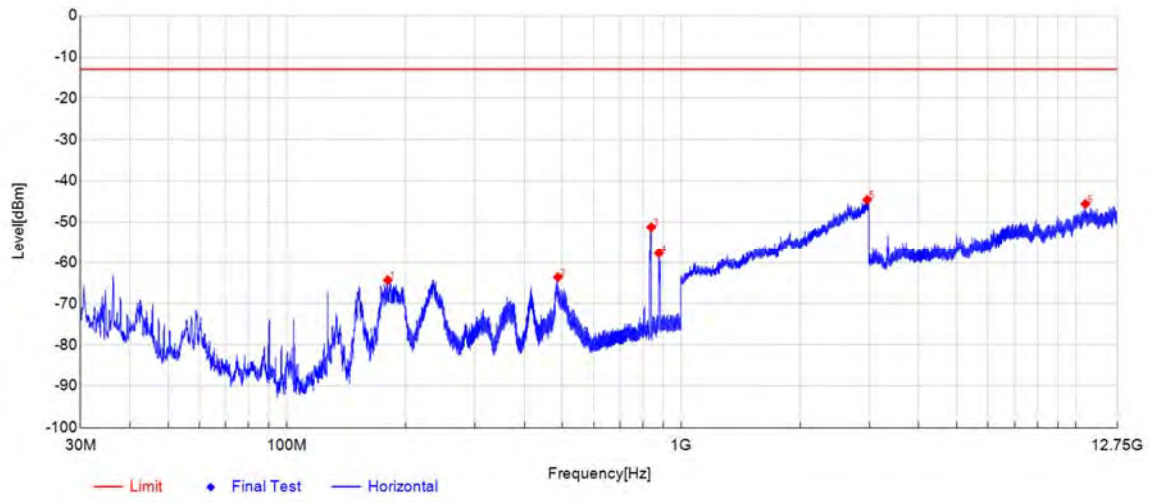


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
235.6988	-48.17	-63.40	-15.2	-13.0	50.4	Horizontal	PK	PASS
432.2791	-48.82	-62.61	-13.8	-13.0	49.6	Horizontal	PK	PASS
829.2715	-46.49	-52.21	-5.7	-	-	Horizontal	PK	NA
874.5727	-54.63	-59.43	-4.8	-	-	Horizontal	PK	NA
1058.0116	-49.81	-52.48	-2.7	-13.0	39.5	Horizontal	PK	PASS
2949.1898	-59.05	-44.20	14.9	-13.0	31.2	Horizontal	PK	PASS
6961.1356	-60.93	-49.42	11.5	-13.0	36.4	Horizontal	PK	PASS
12547.677	-69.52	-46.19	23.3	-13.0	33.2	Horizontal	PK	PASS

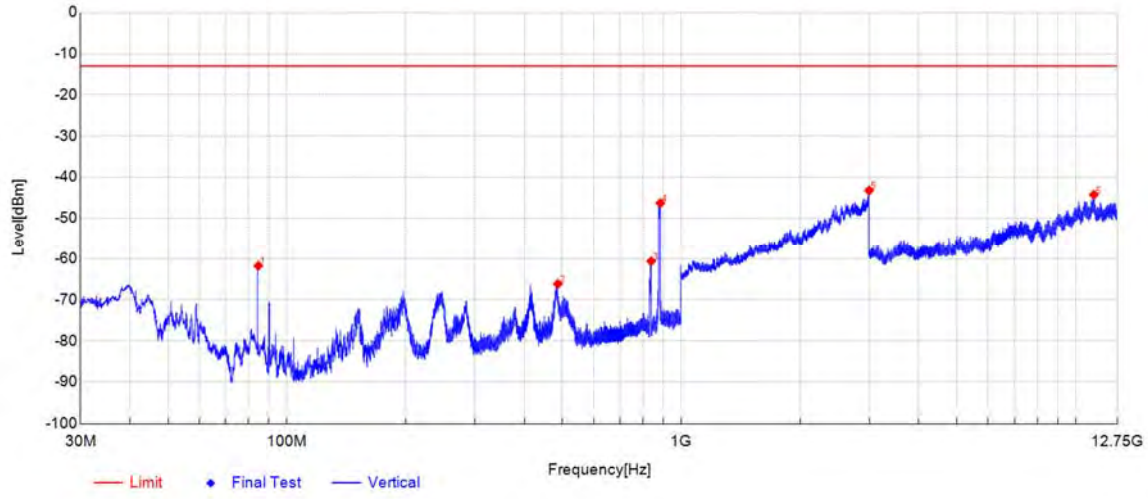


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3538	-41.02	-64.09	-23.1	-13.0	51.1	Vertical	PK	PASS
483.7402	-53.74	-66.32	-12.6	-13.0	53.3	Vertical	PK	PASS
830.5325	-56.06	-62.03	-6.0	-	-	Vertical	PK	NA
873.6997	-42.82	-47.52	-4.7	-	-	Vertical	PK	NA
1884.977	-59.07	-53.18	5.9	-13.0	40.2	Vertical	PK	PASS
2997.5995	-59.83	-42.83	17.0	-13.0	29.8	Vertical	PK	PASS
8042.4646	-63.46	-50.44	13.0	-13.0	37.4	Vertical	PK	PASS
11068.040	-67.28	-45.01	22.3	-13.0	32.0	Vertical	PK	PASS

Plot for Mid Channel

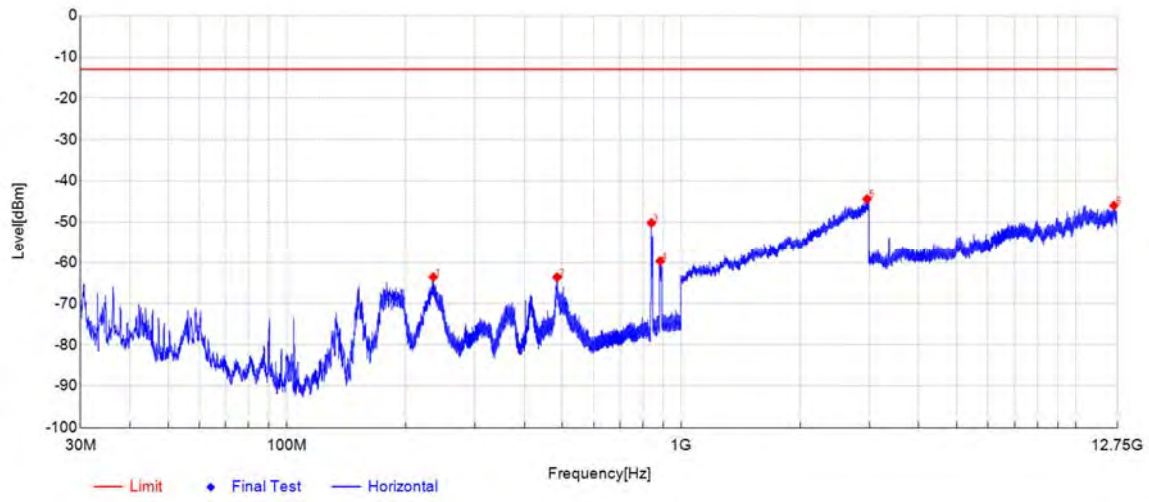


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
180.309	-43.32	-64.27	-21.0	-13.0	51.3	Horizontal	PK	PASS
486.5533	-51.12	-63.55	-12.4	-13.0	50.6	Horizontal	PK	PASS
839.069	-45.73	-51.19	-5.5	-	-	Horizontal	PK	NA
877.8709	-52.92	-57.69	-4.8	-	-	Horizontal	PK	NA
2959.5919	-59.67	-44.59	15.1	-13.0	31.6	Horizontal	PK	PASS
10580.029	-65.12	-45.57	19.6	-13.0	32.6	Horizontal	PK	PASS

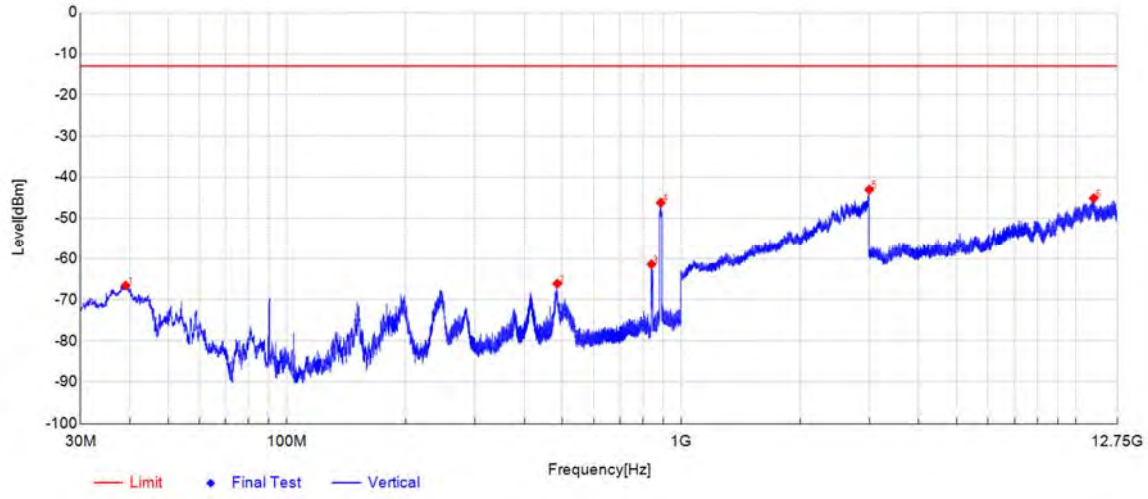


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.6622	-39.07	-61.74	-22.7	-13.0	48.7	Vertical	PK	PASS
486.3108	-53.64	-66.13	-12.5	-13.0	53.1	Vertical	PK	PASS
839.0205	-54.86	-60.62	-5.8	-	-	Vertical	PK	NA
885.0978	-41.82	-46.28	-4.5	-	-	Vertical	PK	NA
2994.3989	-59.86	-43.22	16.6	-13.0	30.2	Vertical	PK	PASS
11113.380	-66.46	-44.24	22.2	-13.0	31.2	Vertical	PK	PASS

Plot for High Channel



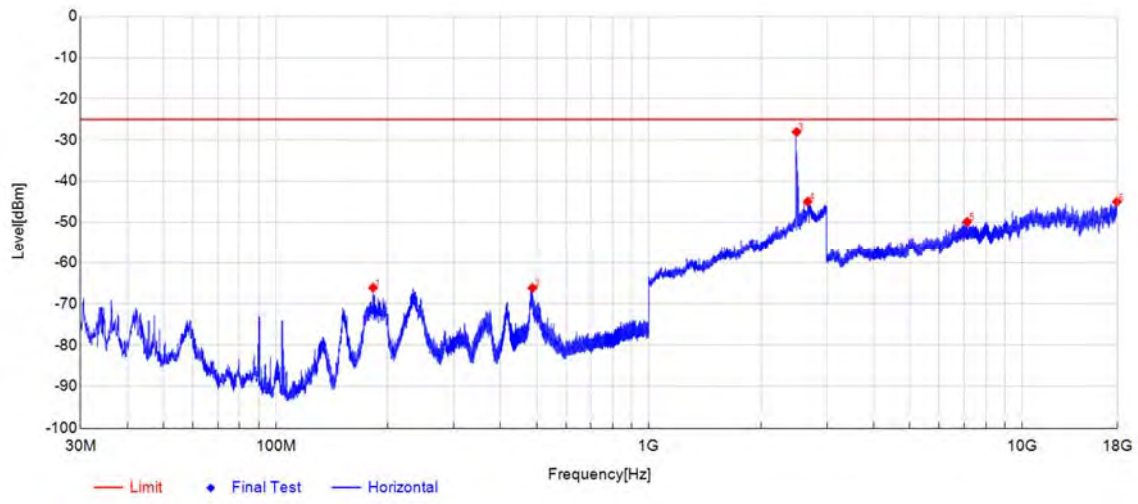
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
235.0683	-48.36	-63.53	-15.2	-13.0	50.5	Horizontal	PK	PASS
483.9827	-50.98	-63.59	-12.6	-13.0	50.6	Horizontal	PK	PASS
840.0875	-44.75	-50.18	-5.4	-	-	Horizontal	PK	NA
884.6612	-54.93	-59.65	-4.7	-	-	Horizontal	PK	NA
2957.5915	-59.51	-44.40	15.1	-13.0	31.4	Horizontal	PK	PASS
12505.262	-69.39	-45.97	23.4	-13.0	33.0	Horizontal	PK	PASS



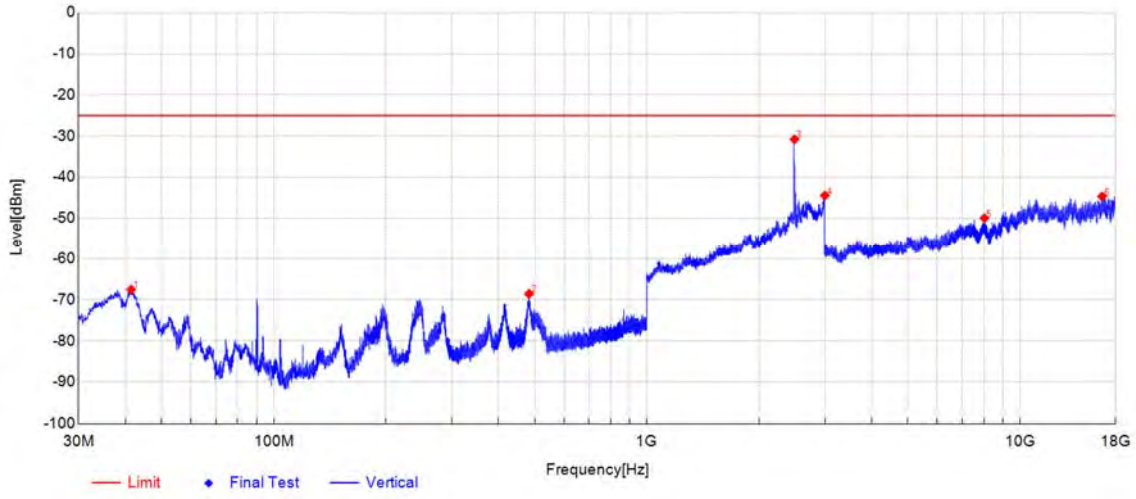
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
39.0215	-44.36	-66.53	-22.2	-13.0	53.5	Vertical	PK	PASS
484.8557	-53.56	-66.11	-12.6	-13.0	53.1	Vertical	PK	PASS
840.3785	-55.66	-61.39	-5.7	-	-	Vertical	PK	NA
887.1349	-41.73	-46.19	-4.5	-	-	Vertical	PK	NA
2997.5995	-60.01	-43.01	17.0	-13.0	30.0	Vertical	PK	PASS
11102.655	-67.48	-45.10	22.4	-13.0	32.1	Vertical	PK	PASS

LTE Band 7

Plot for Low Channel

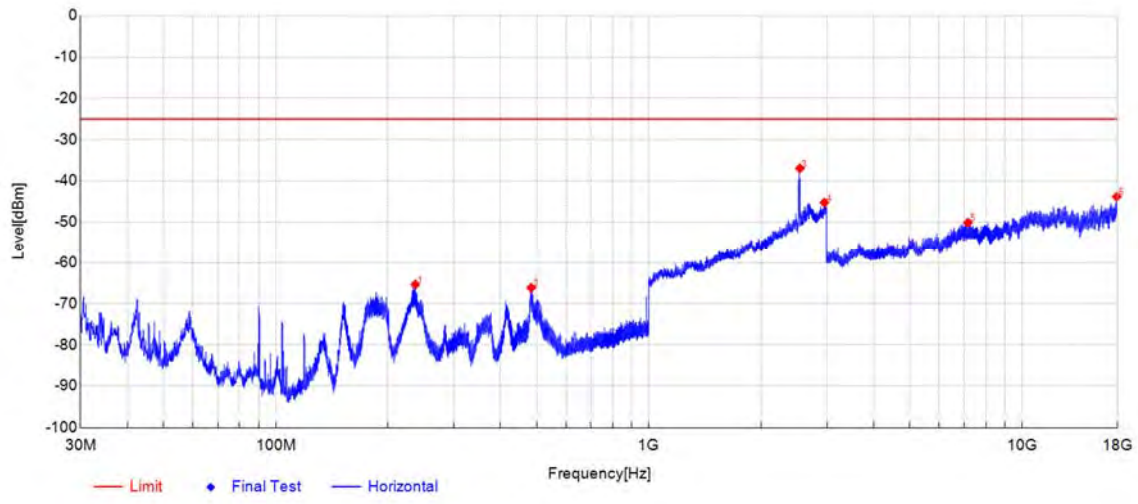


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
182.2491	-45.25	-66.11	-20.9	-25.0	41.1	Horizontal	PK	PASS
487.5234	-53.15	-66.15	-13.0	-25.0	41.2	Horizontal	PK	PASS
2487.4975	-38.01	-28.05	10.0	-25.0	3.1	Horizontal	PK	PASS
2665.133	-58.57	-44.98	13.6	-25.0	20.0	Horizontal	PK	PASS
7129.0052	-61.80	-49.87	11.9	-25.0	24.9	Horizontal	PK	PASS
17947.197	-69.19	-45.02	24.2	-25.0	20.0	Horizontal	PK	PASS

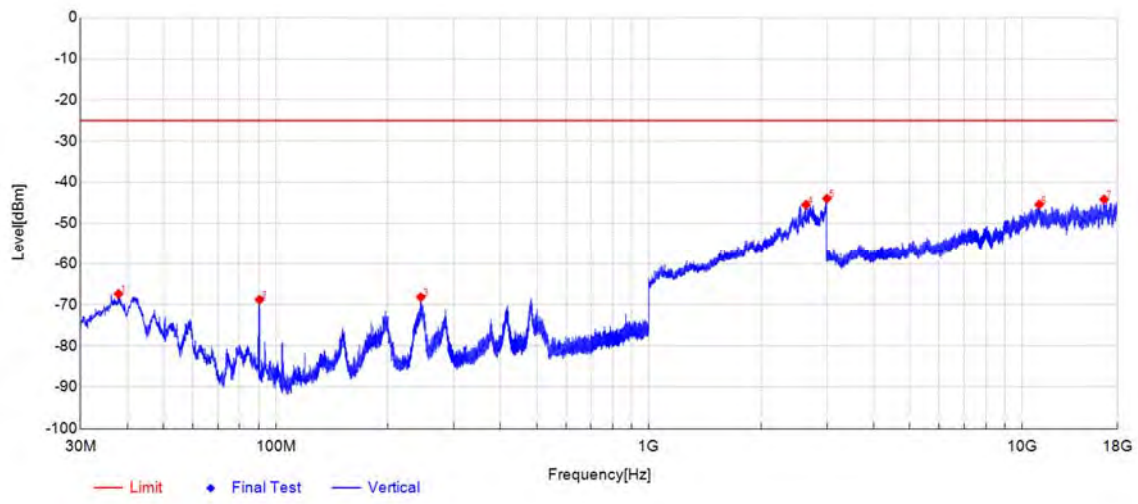


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
41.4951	-46.18	-67.54	-21.4	-25.0	42.5	Vertical	PK	PASS
483.1097	-55.40	-68.56	-13.2	-25.0	43.6	Vertical	PK	PASS
2486.6973	-40.89	-30.78	10.1	-25.0	5.8	Vertical	PK	PASS
2998.7998	-60.70	-44.45	16.3	-25.0	19.5	Vertical	PK	PASS
8026.161	-62.94	-49.95	13.0	-25.0	25.0	Vertical	PK	PASS
16592.583	-70.49	-44.66	25.8	-25.0	19.7	Vertical	PK	PASS

Plot for Mid Channel

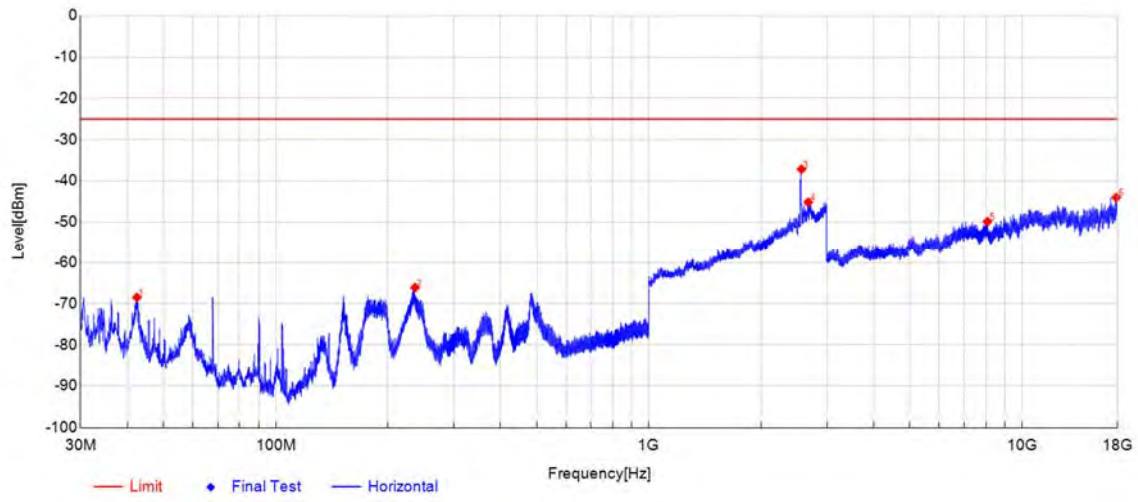


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
236.5718	-49.63	-65.31	-15.7	-25.0	40.3	Horizontal	PK	PASS
483.7887	-52.92	-66.11	-13.2	-25.0	41.1	Horizontal	PK	PASS
2538.7077	-48.28	-36.94	11.3	-	-	Horizontal	PK	NA
2952.7906	-59.13	-45.24	13.9	-25.0	20.2	Horizontal	PK	PASS
7161.6465	-62.06	-50.12	11.9	-25.0	25.1	Horizontal	PK	PASS
17933.277	-68.09	-43.82	24.3	-25.0	18.8	Horizontal	PK	PASS

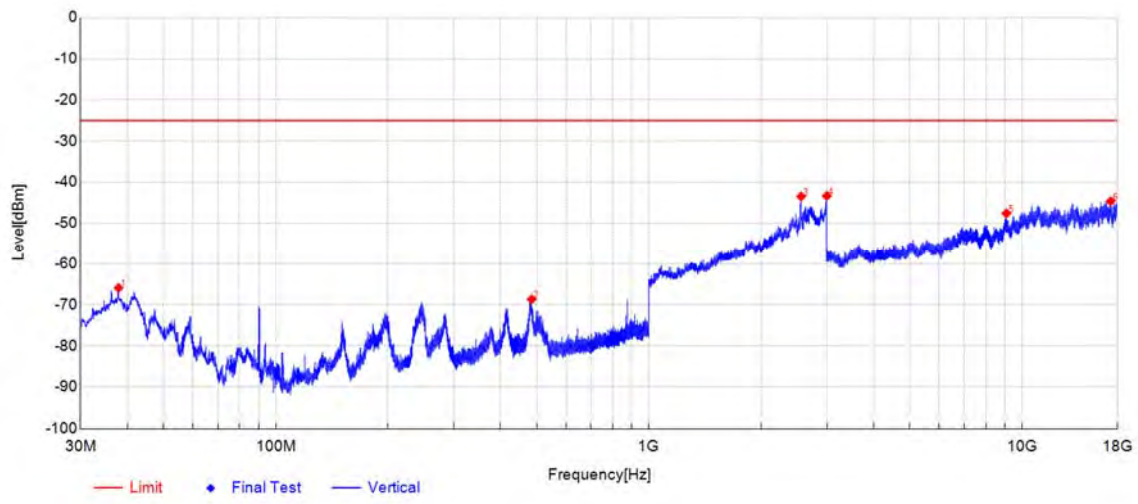


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-44.82	-67.36	-22.5	-25.0	42.4	Vertical	PK	PASS
90.4825	-46.57	-68.79	-22.2	-25.0	43.8	Vertical	PK	PASS
244.7687	-49.64	-68.16	-18.5	-25.0	43.2	Vertical	PK	PASS
2635.127	-58.69	-45.46	13.2	-	-	Vertical	PK	NA
2999.1998	-60.25	-43.96	16.3	-25.0	19.0	Vertical	PK	PASS
11112.204	-67.30	-45.41	21.9	-25.0	20.4	Vertical	PK	PASS
16595.943	-70.04	-44.16	25.9	-25.0	19.2	Vertical	PK	PASS

Plot for High Channel



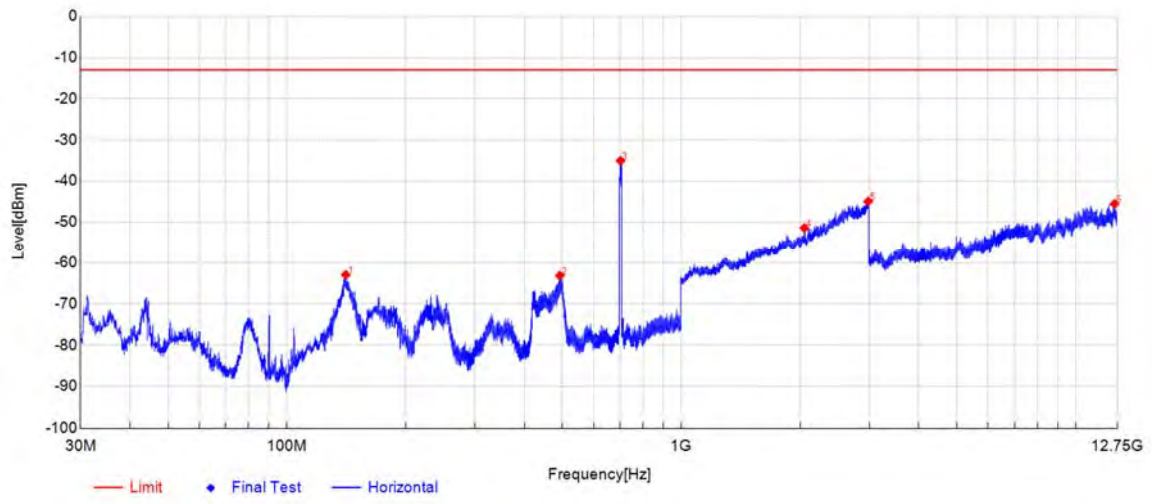
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
42.4651	-53.19	-68.47	-15.3	-25.0	43.5	Horizontal	PK	PASS
236.0383	-50.46	-66.10	-15.6	-25.0	41.1	Horizontal	PK	PASS
2563.9128	-48.60	-37.16	11.4	-	-	Horizontal	PK	NA
2673.1346	-58.73	-45.14	13.6	-25.0	20.1	Horizontal	PK	PASS
8077.5231	-63.36	-49.84	13.5	-25.0	24.8	Horizontal	PK	PASS
17891.995	-68.47	-44.00	24.5	-25.0	19.0	Horizontal	PK	PASS



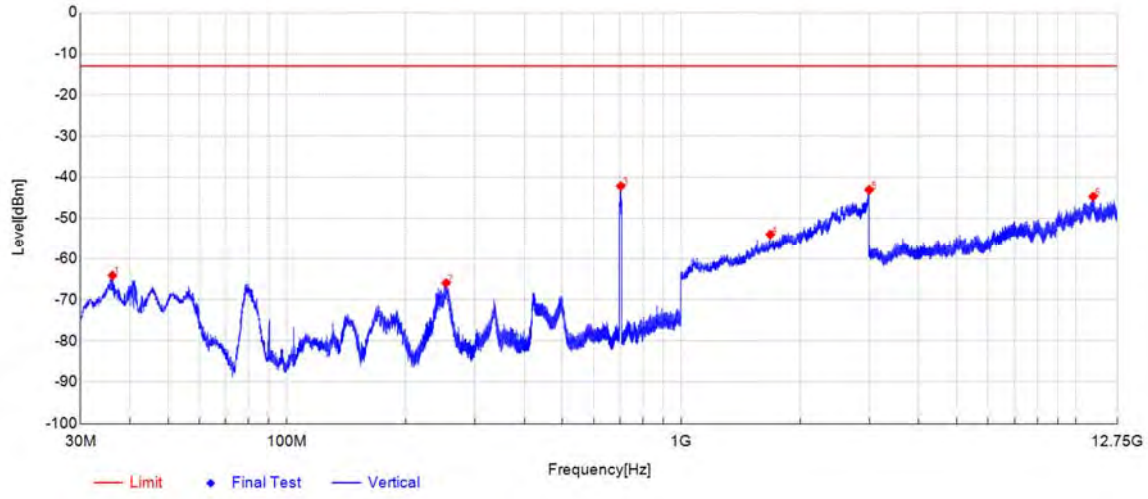
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-43.37	-65.91	-22.5	-25.0	40.9	Vertical	PK	PASS
484.8557	-55.55	-68.69	-13.1	-25.0	43.7	Vertical	PK	PASS
2557.5115	-56.02	-43.45	12.6	-	-	Vertical	PK	NA
2997.1994	-59.37	-43.32	16.1	-25.0	18.3	Vertical	PK	PASS
9079.3232	-63.84	-47.57	16.3	-25.0	22.6	Vertical	PK	PASS
17276.131	-69.10	-44.63	24.5	-25.0	19.6	Vertical	PK	PASS

LTE Band 12

Plot for Low Channel

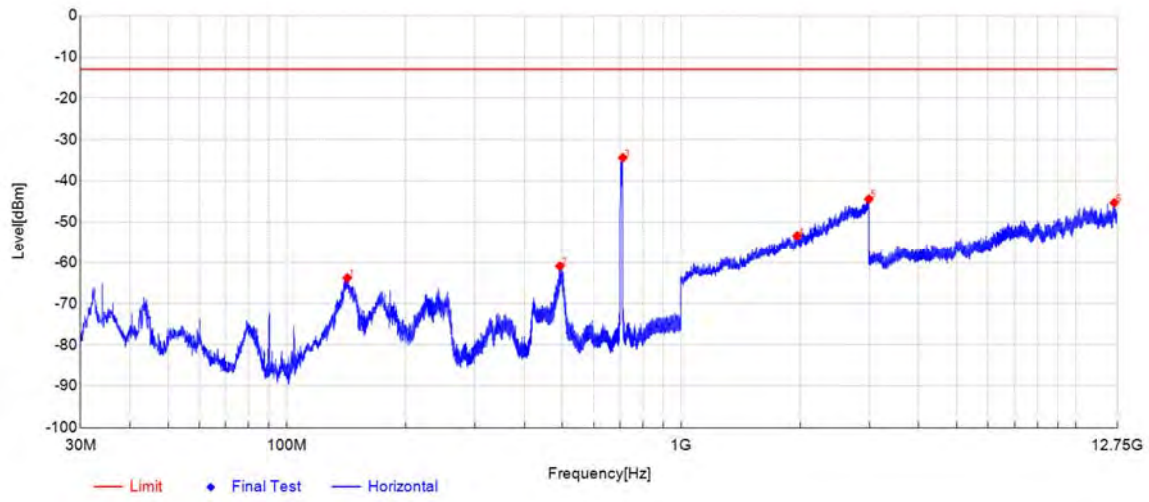


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.0221	-37.38	-62.97	-25.6	-13.0	50.0	Horizontal	PK	PASS
492.2766	-51.22	-63.15	-11.9	-13.0	50.2	Horizontal	PK	PASS
701.2251	-27.09	-35.04	-8.0	-	-	Horizontal	PK	NA
2051.4103	-57.45	-51.39	6.1	-13.0	38.4	Horizontal	PK	PASS
2977.1954	-59.78	-44.92	14.9	-13.0	31.9	Horizontal	PK	PASS
12549.627	-68.85	-45.53	23.3	-13.0	32.5	Horizontal	PK	PASS

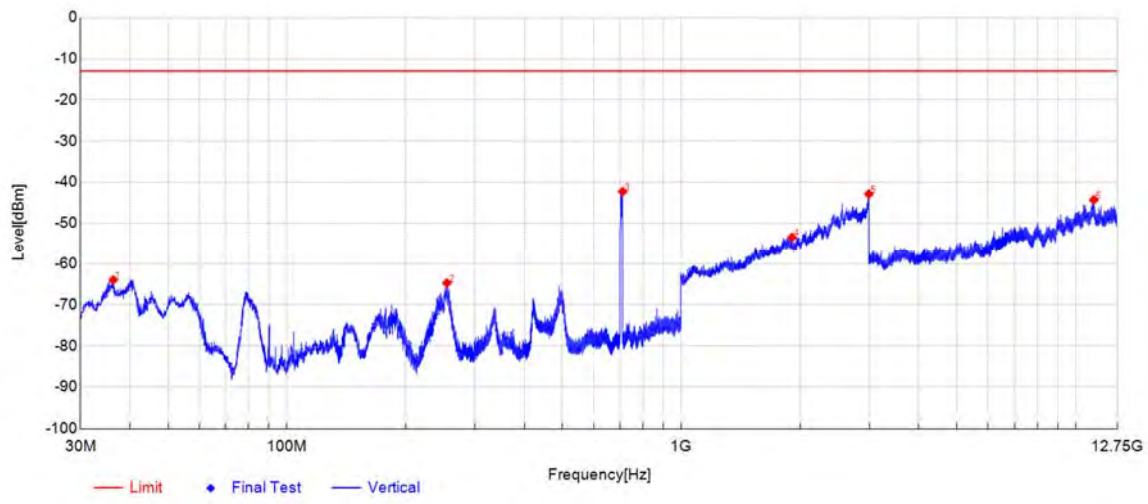


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.1113	-41.09	-64.09	-23.0	-13.0	51.1	Vertical	PK	PASS
253.2082	-48.20	-65.96	-17.8	-13.0	53.0	Vertical	PK	PASS
702.3891	-34.03	-42.15	-8.1	-	-	Vertical	PK	NA
1681.3363	-57.23	-53.94	3.3	-13.0	40.9	Vertical	PK	PASS
2996.3993	-60.33	-43.05	17.3	-13.0	30.1	Vertical	PK	PASS
11068.528	-66.97	-44.69	22.3	-13.0	31.7	Vertical	PK	PASS

Plot for Mid Channel

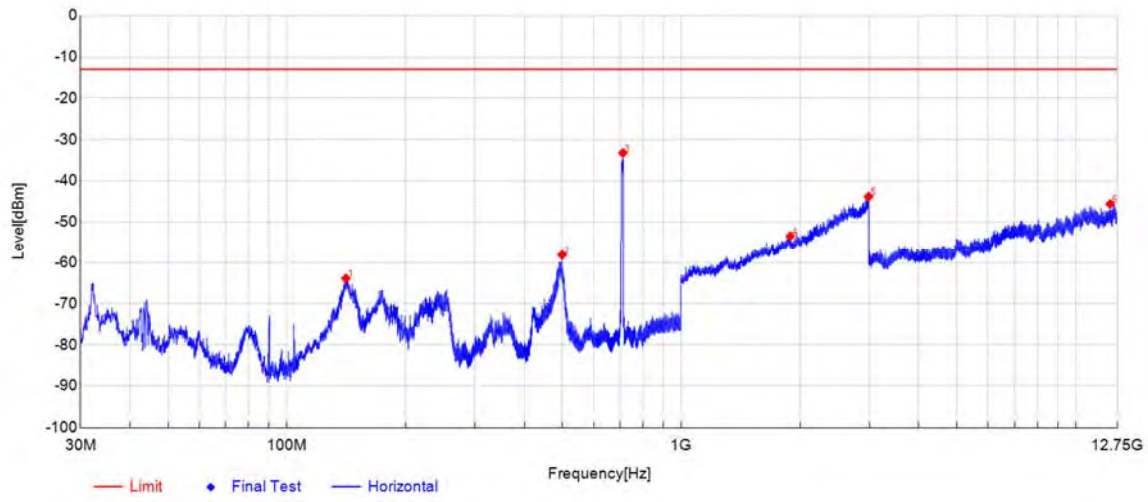


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
142.2831	-38.20	-63.75	-25.6	-13.0	50.8	Horizontal	PK	PASS
492.1311	-48.94	-60.88	-11.9	-13.0	47.9	Horizontal	PK	PASS
710.4405	-26.71	-34.39	-7.7	-	-	Horizontal	PK	NA
1966.9934	-58.97	-53.33	5.6	-13.0	40.3	Horizontal	PK	PASS
2988.7978	-59.54	-44.41	15.1	-13.0	31.4	Horizontal	PK	PASS
12531.101	-68.68	-45.31	23.4	-13.0	32.3	Horizontal	PK	PASS

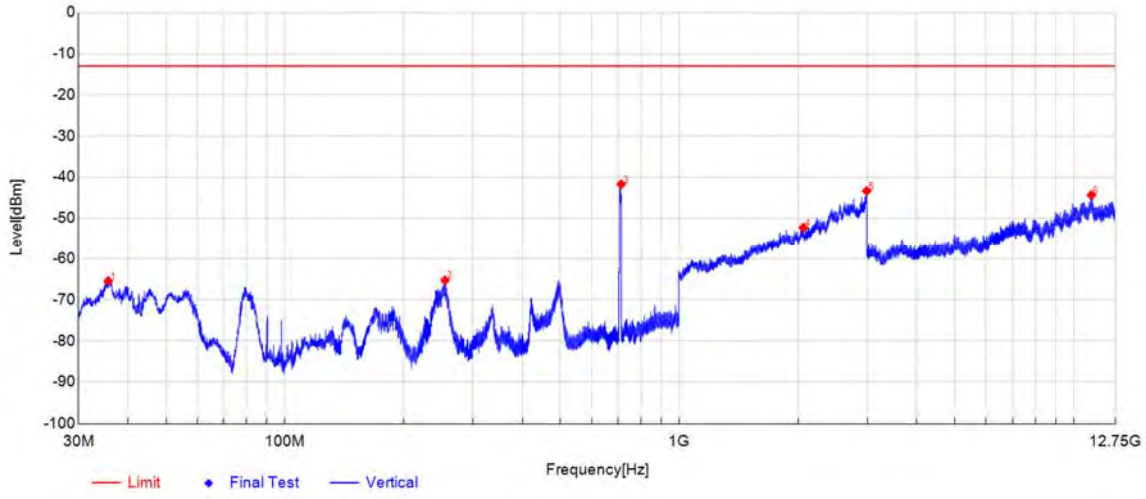


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.3053	-41.03	-63.97	-22.9	-13.0	51.0	Vertical	PK	PASS
254.5177	-46.98	-64.72	-17.7	-13.0	51.7	Vertical	PK	PASS
710.1495	-34.41	-42.26	-7.9	-	-	Vertical	PK	NA
1909.3819	-58.72	-53.42	5.3	-13.0	40.4	Vertical	PK	PASS
2989.998	-59.32	-42.85	16.5	-13.0	29.9	Vertical	PK	PASS
11108.017	-66.60	-44.30	22.3	-13.0	31.3	Vertical	PK	PASS

Plot for High Channel



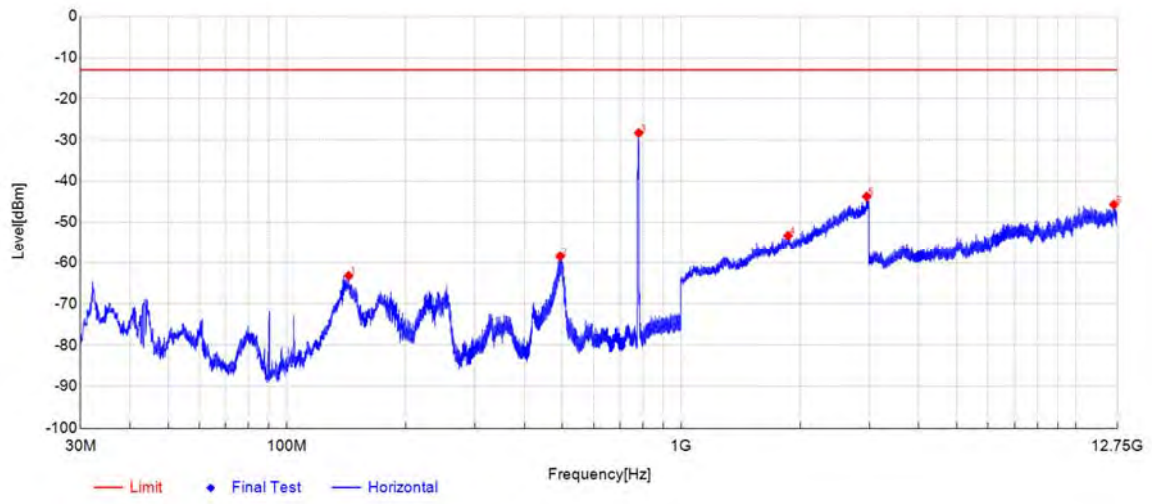
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.1191	-38.26	-63.85	-25.6	-13.0	50.9	Horizontal	PK	PASS
498.6789	-46.50	-58.09	-11.6	-13.0	45.1	Horizontal	PK	PASS
711.4106	-25.59	-33.22	-7.6	-	-	Horizontal	PK	NA
1890.178	-58.80	-53.40	5.4	-13.0	40.4	Horizontal	PK	PASS
2983.9968	-58.77	-43.81	15.0	-13.0	30.8	Horizontal	PK	PASS
12232.736	-67.44	-45.58	21.9	-13.0	32.6	Horizontal	PK	PASS



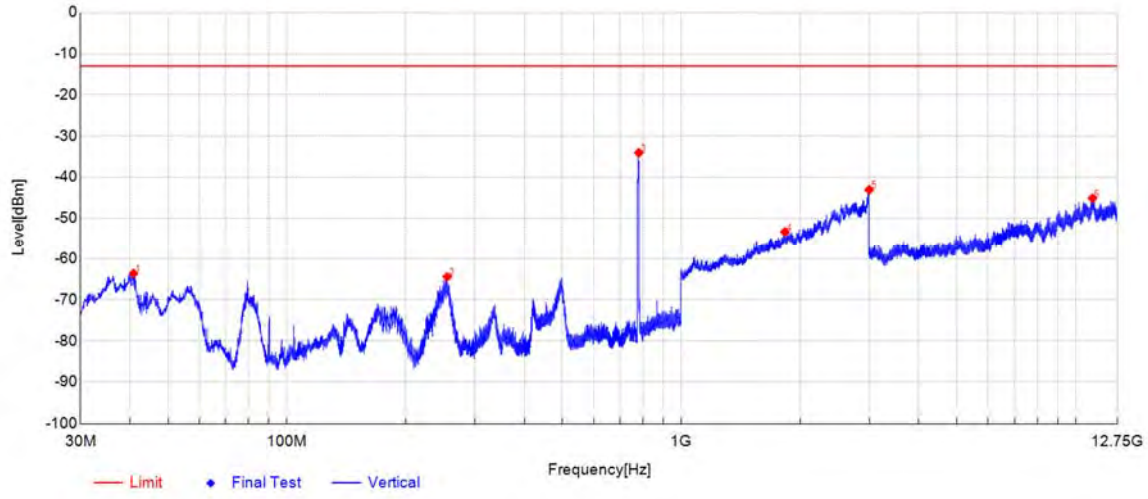
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.6748	-42.29	-65.44	-23.2	-13.0	52.4	Vertical	PK	PASS
254.6632	-47.55	-65.29	-17.7	-13.0	52.3	Vertical	PK	PASS
712.2836	-33.95	-41.69	-7.7	-	-	Vertical	PK	NA
2063.0126	-58.65	-52.24	6.4	-13.0	39.2	Vertical	PK	PASS
2986.7974	-59.41	-43.34	16.1	-13.0	30.3	Vertical	PK	PASS
11089.492	-66.72	-44.35	22.4	-13.0	31.4	Vertical	PK	PASS

LTE Band 13

Plot for Low Channel

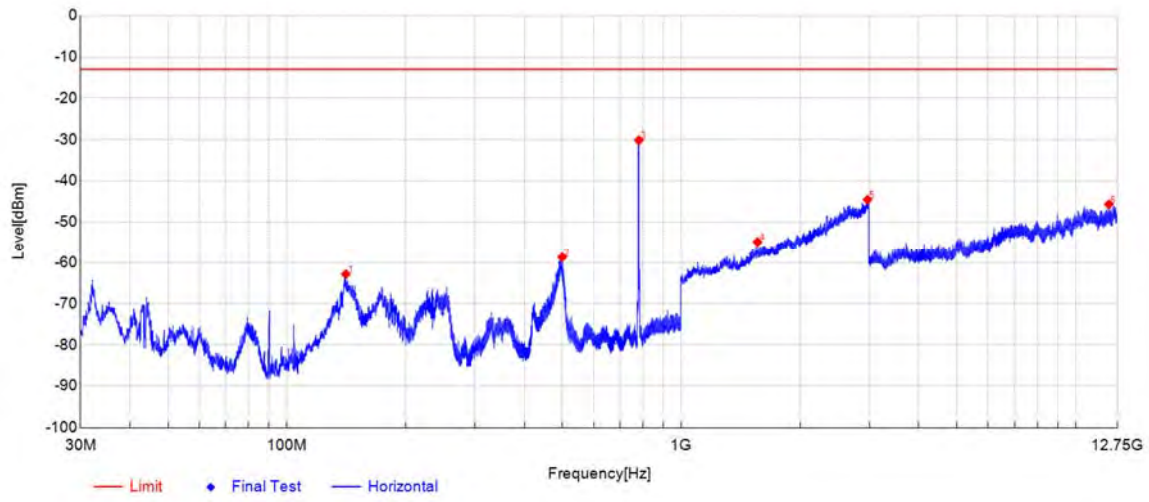


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
143.4472	-37.73	-63.23	-25.5	-13.0	50.2	Horizontal	PK	PASS
492.8586	-46.58	-58.48	-11.9	-13.0	45.5	Horizontal	PK	PASS
780.0415	-21.03	-28.30	-7.3	-	-	Horizontal	PK	NA
1865.3731	-58.59	-53.27	5.3	-13.0	40.3	Horizontal	PK	PASS
2952.3905	-58.65	-43.73	14.9	-13.0	30.7	Horizontal	PK	PASS
12499.412	-69.11	-45.69	23.4	-13.0	32.7	Horizontal	PK	PASS
17899.196	-69.30	-44.80	24.5	-13.0	31.8	Horizontal	PK	PASS

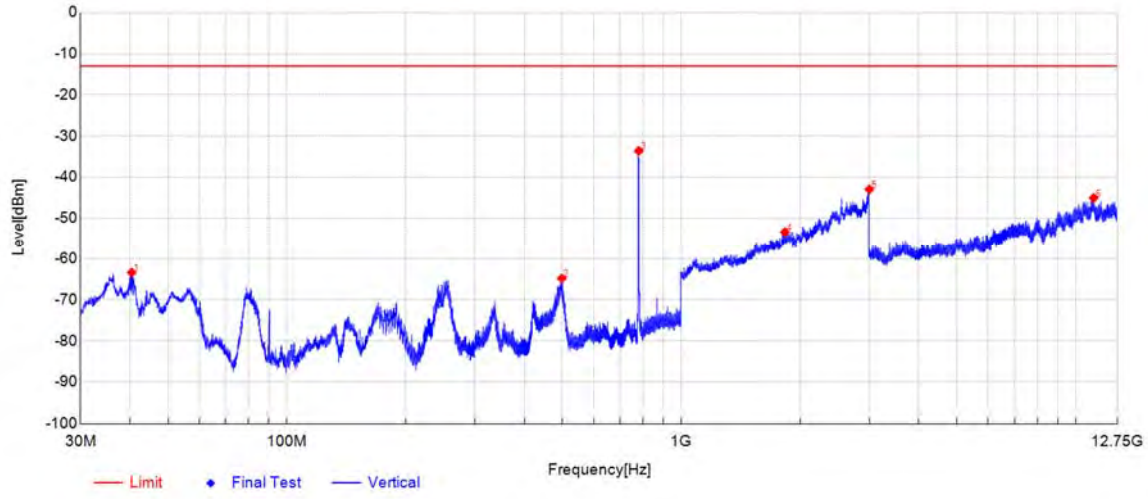


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.8645	-42.21	-63.61	-21.4	-13.0	50.6	Vertical	PK	PASS
255.0513	-46.71	-64.44	-17.7	-13.0	51.4	Vertical	PK	PASS
780.7205	-26.96	-34.05	-7.1	-	-	Vertical	PK	NA
1830.9662	-58.85	-53.31	5.5	-13.0	40.3	Vertical	PK	PASS
2997.1994	-60.41	-43.03	17.4	-13.0	30.0	Vertical	PK	PASS
11027.088	-67.21	-45.11	22.1	-13.0	32.1	Vertical	PK	PASS

Plot for Mid Channel

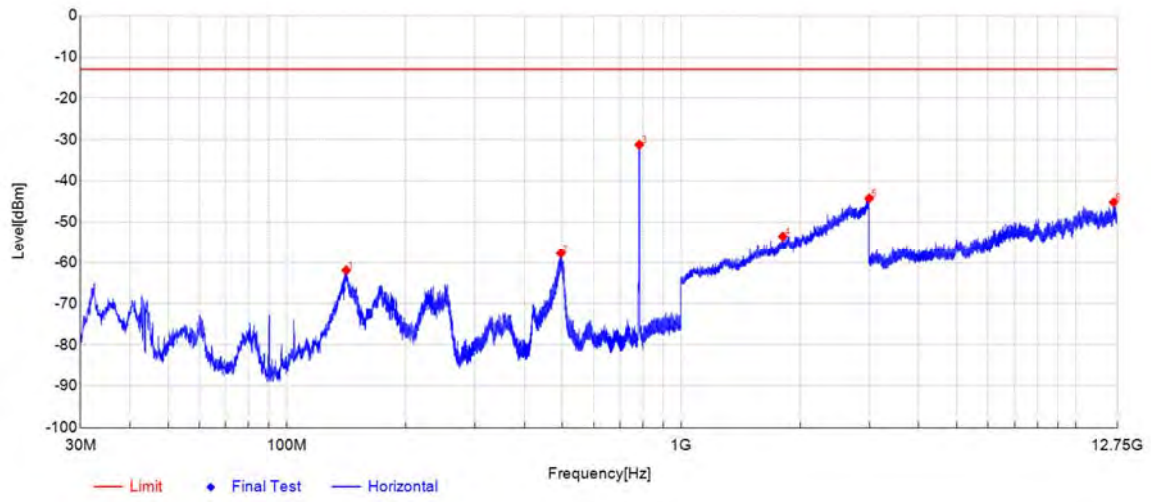


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.1191	-37.22	-62.81	-25.6	-13.0	49.8	Horizontal	PK	PASS
499.067	-47.07	-58.64	-11.6	-13.0	45.6	Horizontal	PK	PASS
780.4295	-22.89	-30.16	-7.3	-	-	Horizontal	PK	NA
1560.9122	-57.32	-54.84	2.5	-13.0	41.8	Horizontal	PK	PASS
2965.193	-59.52	-44.55	15.0	-13.0	31.6	Horizontal	PK	PASS
12136.694	-67.15	-45.68	21.5	-13.0	32.7	Horizontal	PK	PASS

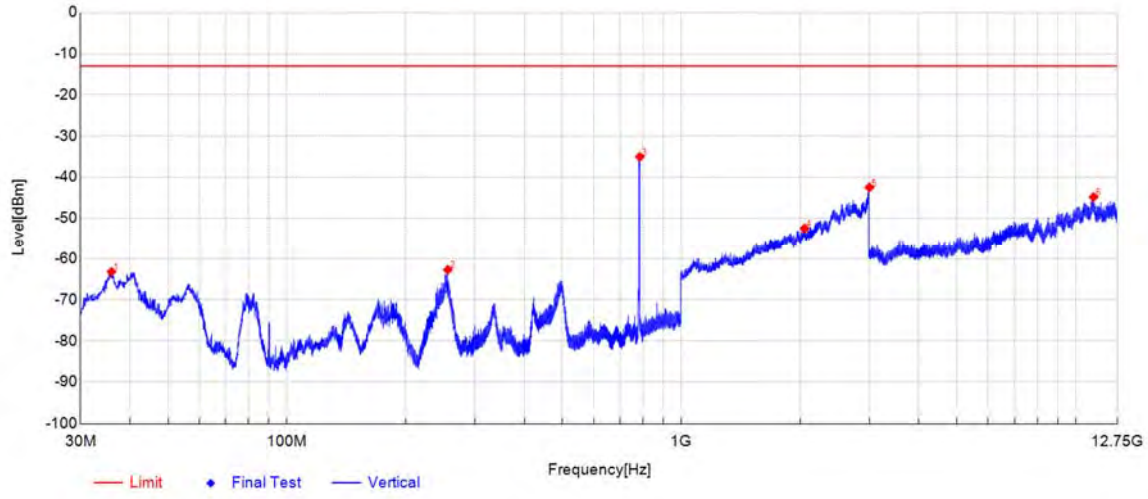


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.428	-41.82	-63.37	-21.6	-13.0	50.4	Vertical	PK	PASS
497.8059	-52.74	-64.81	-12.1	-13.0	51.8	Vertical	PK	PASS
780.6235	-26.48	-33.58	-7.1	-	-	Vertical	PK	NA
1831.3663	-58.89	-53.36	5.5	-13.0	40.4	Vertical	PK	PASS
2998.7998	-60.50	-42.92	17.6	-13.0	29.9	Vertical	PK	PASS
11099.73	-67.45	-45.04	22.4	-13.0	32.0	Vertical	PK	PASS

Plot for High Channel

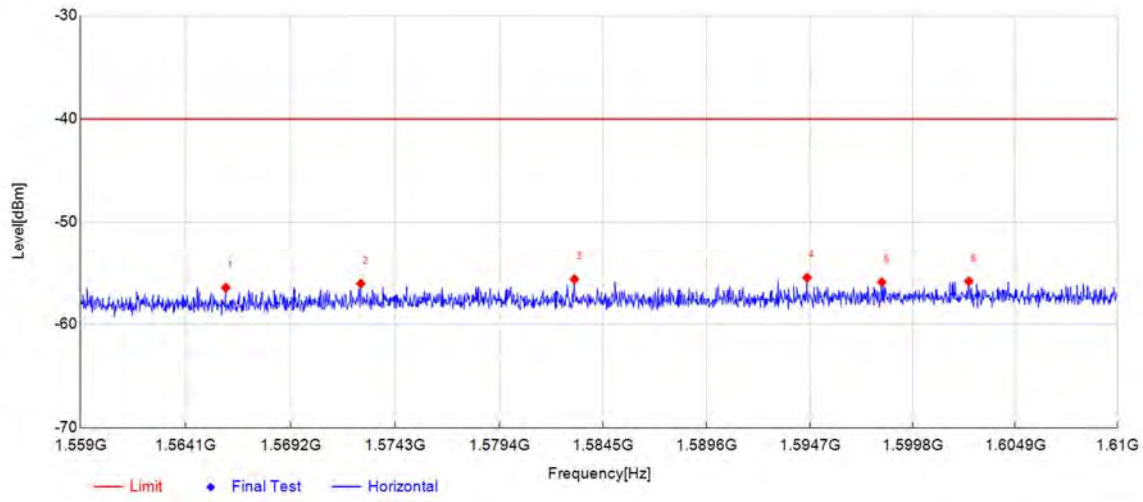


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.4101	-36.29	-61.87	-25.6	-13.0	48.9	Horizontal	PK	PASS
495.1868	-45.92	-57.70	-11.8	-13.0	44.7	Horizontal	PK	PASS
782.5636	-23.98	-31.22	-7.2	-	-	Horizontal	PK	NA
1808.9618	-58.06	-53.47	4.6	-13.0	40.5	Horizontal	PK	PASS
2996.3993	-59.60	-44.21	15.4	-13.0	31.2	Horizontal	PK	PASS
12484.786	-68.25	-45.17	23.1	-13.0	32.2	Horizontal	PK	PASS

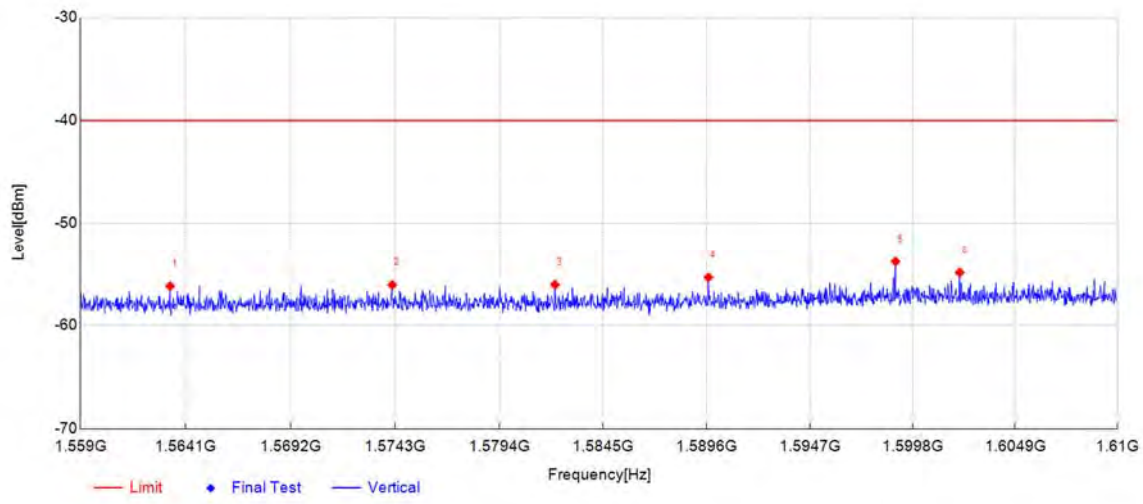


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.9173	-40.13	-63.21	-23.1	-13.0	50.2	Vertical	PK	PASS
255.8758	-45.01	-62.72	-17.7	-13.0	49.7	Vertical	PK	PASS
784.7947	-28.02	-35.02	-7.0	-	-	Vertical	PK	NA
2052.6105	-59.09	-52.46	6.6	-13.0	39.5	Vertical	PK	PASS
2998.7998	-60.05	-42.47	17.6	-13.0	29.5	Vertical	PK	PASS
11102.167	-67.19	-44.81	22.4	-13.0	31.8	Vertical	PK	PASS

Plot for 1559MHz-1610MHz



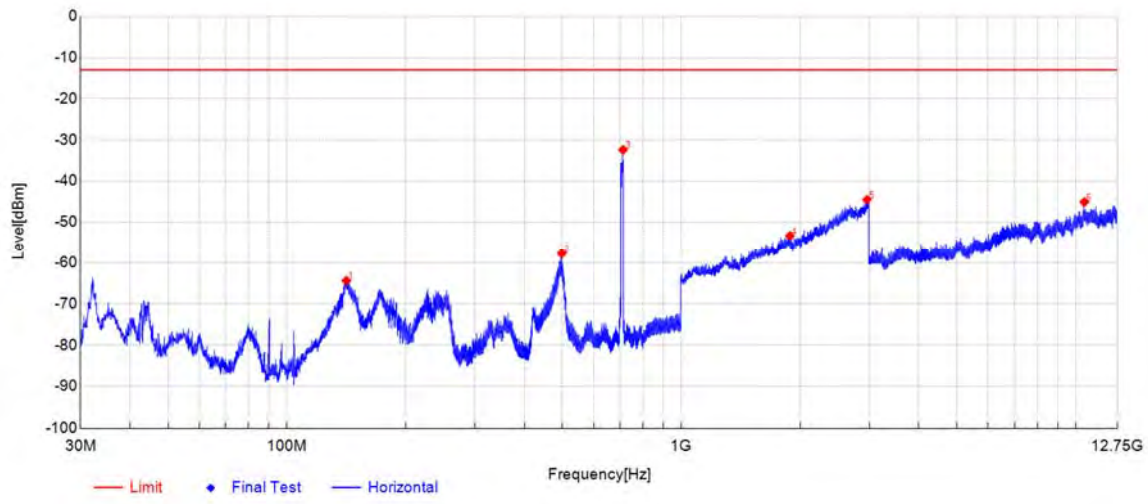
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1566.0415	-58.94	-56.44	2.5	-40.0	16.4	Horizontal	PK	PASS
1572.6238	-58.56	-56.05	2.5	-40.0	16.1	Horizontal	PK	PASS
1583.084	-58.15	-55.62	2.5	-40.0	15.6	Horizontal	PK	PASS
1594.5648	-57.99	-55.47	2.5	-40.0	15.5	Horizontal	PK	PASS
1598.2641	-58.41	-55.90	2.5	-40.0	15.9	Horizontal	PK	PASS
1602.6013	-58.34	-55.83	2.5	-40.0	15.8	Horizontal	PK	PASS



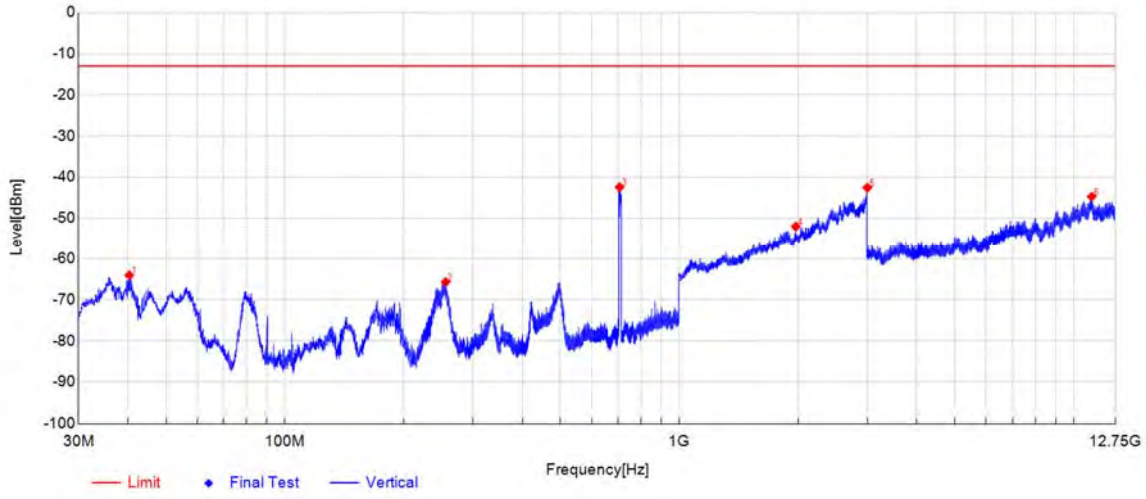
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1563.3372	-58.82	-56.20	2.6	-40.0	16.2	Vertical	PK	PASS
1574.1546	-58.50	-56.07	2.4	-40.0	16.1	Vertical	PK	PASS
1582.1401	-58.41	-56.05	2.4	-40.0	16.1	Vertical	PK	PASS
1589.6918	-57.80	-55.34	2.5	-40.0	15.3	Vertical	PK	PASS
1598.953	-56.37	-53.79	2.6	-40.0	13.8	Vertical	PK	PASS
1602.1421	-57.49	-54.86	2.6	-40.0	14.9	Vertical	PK	PASS

LTE Band 17

Plot for Low Channel

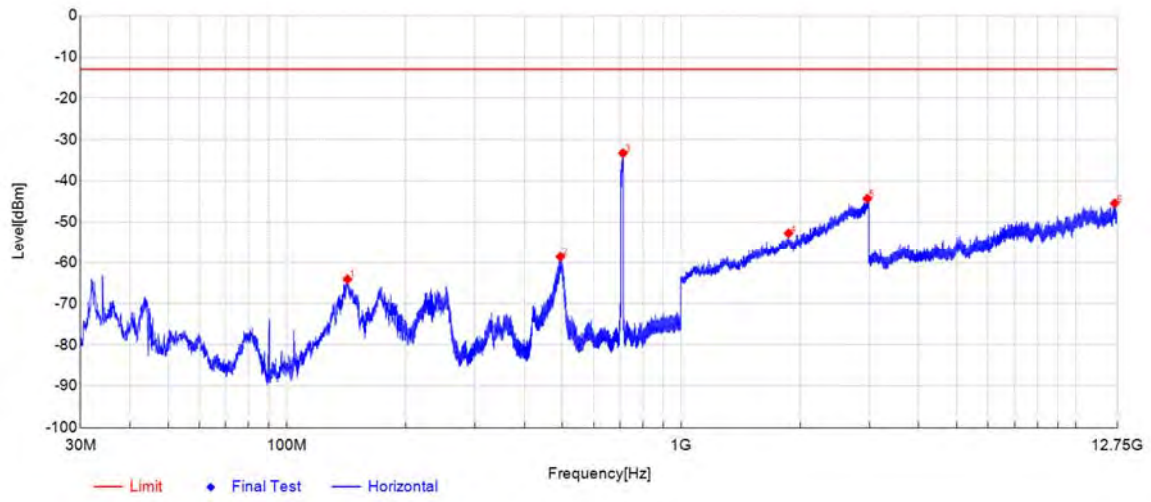


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.5556	-38.82	-64.40	-25.6	-13.0	51.4	Horizontal	PK	PASS
497.9029	-46.11	-57.74	-11.6	-13.0	44.7	Horizontal	PK	PASS
711.8471	-24.78	-32.39	-7.6	-	-	Horizontal	PK	NA
1884.5769	-58.97	-53.33	5.6	-13.0	40.3	Horizontal	PK	PASS
2956.3913	-59.58	-44.52	15.1	-13.0	31.5	Horizontal	PK	PASS
10517.625	-64.92	-45.09	19.8	-13.0	32.1	Horizontal	PK	PASS

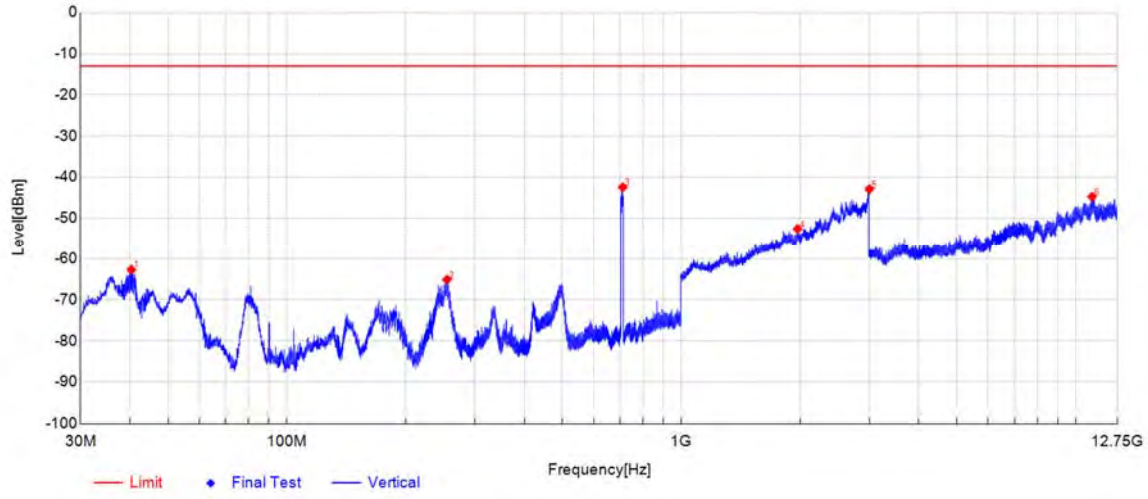


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.331	-42.48	-64.06	-21.6	-13.0	51.1	Vertical	PK	PASS
255.4393	-47.98	-65.70	-17.7	-13.0	52.7	Vertical	PK	PASS
705.5903	-34.36	-42.41	-8.1	-	-	Vertical	PK	NA
1974.1948	-57.83	-51.99	5.8	-13.0	39.0	Vertical	PK	PASS
2997.9996	-60.01	-42.53	17.5	-13.0	29.5	Vertical	PK	PASS
11107.530	-67.01	-44.71	22.3	-13.0	31.7	Vertical	PK	PASS

Plot for Mid Channel

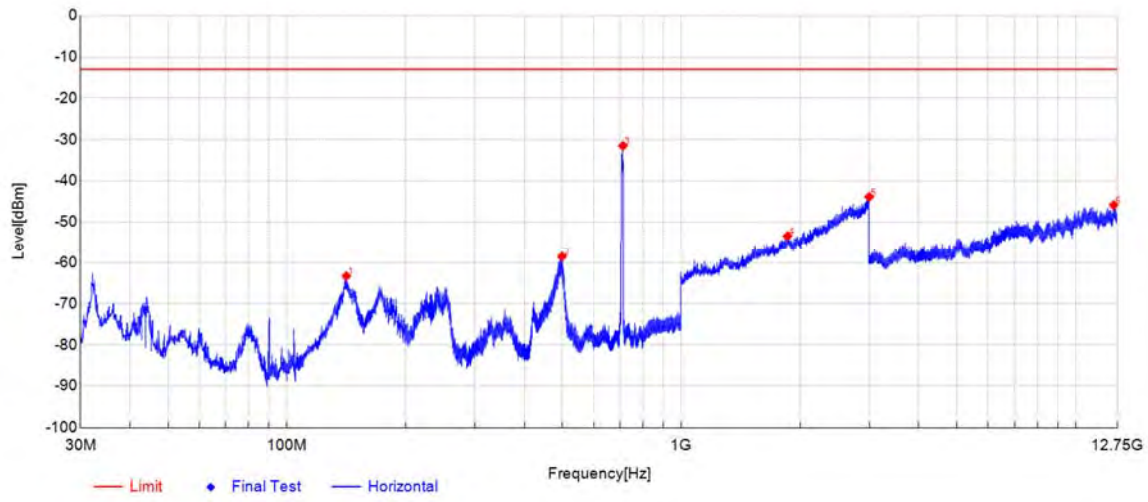


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
142.4286	-38.54	-64.08	-25.5	-13.0	51.1	Horizontal	PK	PASS
493.9257	-46.74	-58.58	-11.8	-13.0	45.6	Horizontal	PK	PASS
711.5076	-25.66	-33.28	-7.6	-	-	Horizontal	PK	NA
1870.9742	-58.21	-52.69	5.5	-13.0	39.7	Horizontal	PK	PASS
2962.7926	-59.31	-44.30	15.0	-13.0	31.3	Horizontal	PK	PASS
12562.790	-68.71	-45.41	23.3	-13.0	32.4	Horizontal	PK	PASS

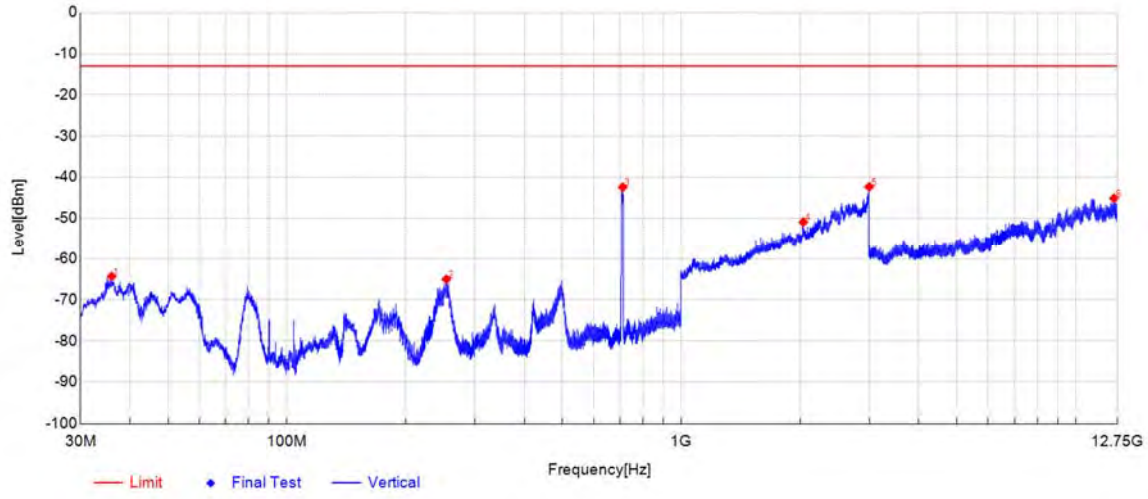


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.331	-41.11	-62.69	-21.6	-13.0	49.7	Vertical	PK	PASS
254.6632	-47.37	-65.11	-17.7	-13.0	52.1	Vertical	PK	PASS
710.392	-34.60	-42.43	-7.8	-	-	Vertical	PK	NA
1971.3943	-58.29	-52.58	5.7	-13.0	39.6	Vertical	PK	PASS
3000	-60.59	-42.86	17.7	-13.0	29.9	Vertical	PK	PASS
11001.250	-66.72	-44.72	22.0	-13.0	31.7	Vertical	PK	PASS

Plot for High Channel



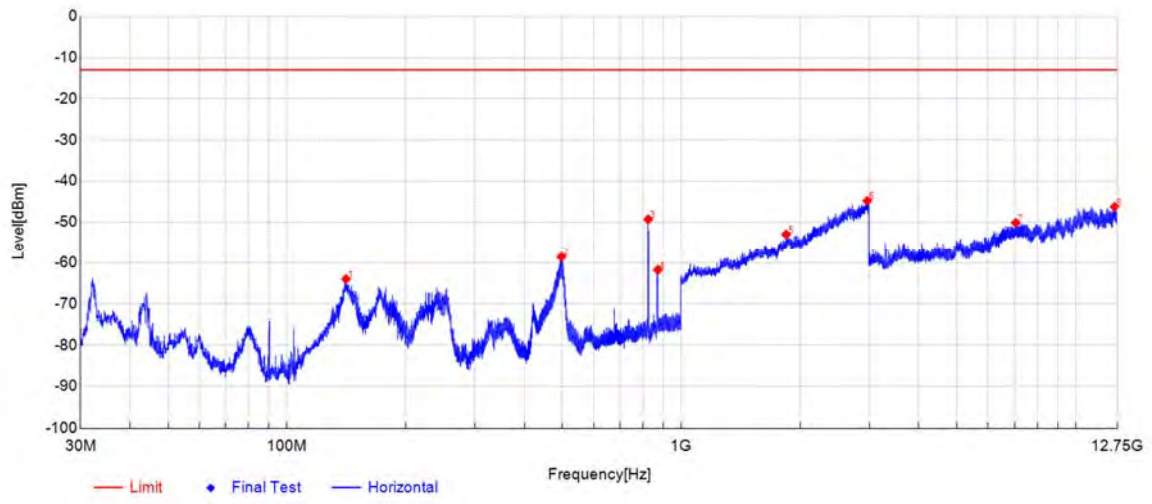
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.5071	-37.70	-63.28	-25.6	-13.0	50.3	Horizontal	PK	PASS
498.4849	-46.90	-58.50	-11.6	-13.0	45.5	Horizontal	PK	PASS
711.3621	-23.86	-31.49	-7.6	-	-	Horizontal	PK	NA
1859.3719	-58.51	-53.39	5.1	-13.0	40.4	Horizontal	PK	PASS
2994.799	-59.21	-43.87	15.3	-13.0	30.9	Horizontal	PK	PASS
12478.448	-68.79	-45.87	22.9	-13.0	32.9	Horizontal	PK	PASS



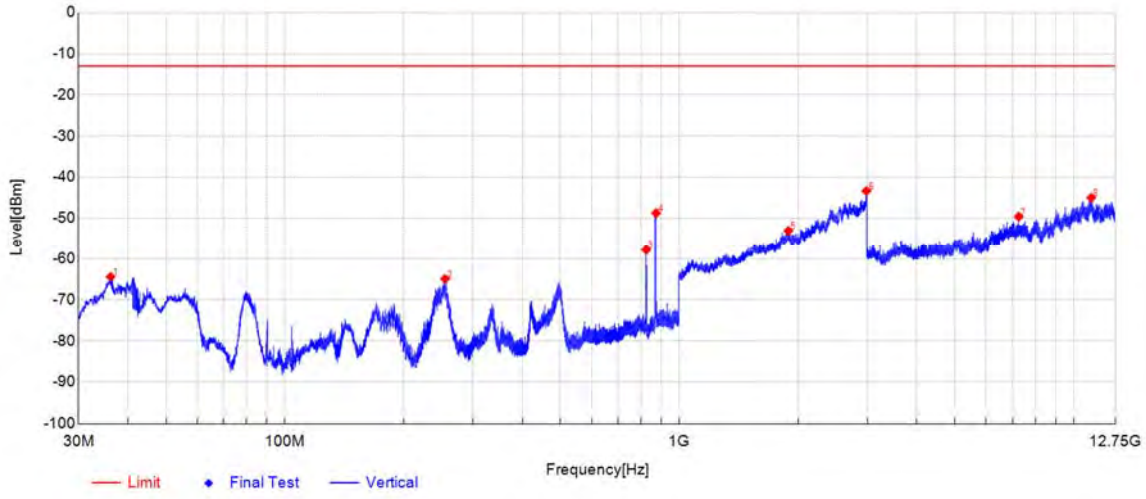
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.9658	-41.28	-64.34	-23.1	-13.0	51.3	Vertical	PK	PASS
253.6932	-47.28	-65.03	-17.8	-13.0	52.0	Vertical	PK	PASS
710.586	-34.58	-42.41	-7.8	-	-	Vertical	PK	NA
2039.0078	-57.23	-50.91	6.3	-13.0	37.9	Vertical	PK	PASS
2995.9992	-59.55	-42.32	17.2	-13.0	29.3	Vertical	PK	PASS
12508.675	-68.65	-45.14	23.5	-13.0	32.1	Vertical	PK	PASS

LTE Band 18

Plot for Low Channel

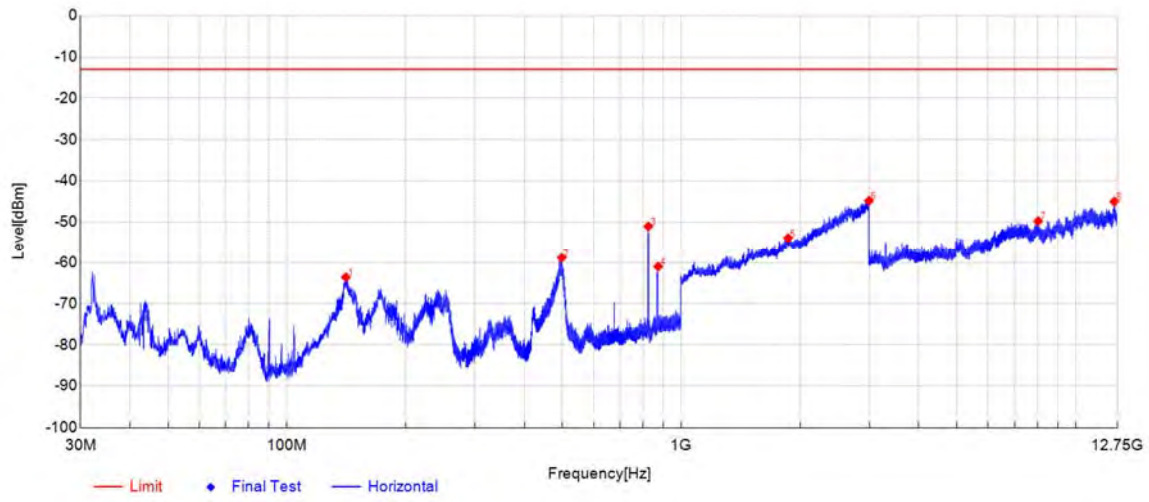


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.2161	-38.41	-64.00	-25.6	-13.0	51.0	Horizontal	PK	PASS
496.8358	-46.84	-58.58	-11.7	-13.0	45.6	Horizontal	PK	PASS
824.5667	-43.49	-49.28	-5.8	-	-	Horizontal	PK	NA
872.1961	-56.93	-61.76	-4.8	-	-	Horizontal	PK	NA
1844.5689	-57.90	-52.98	4.9	-13.0	40.0	Horizontal	PK	PASS
2960.7922	-59.84	-44.78	15.1	-13.0	31.8	Horizontal	PK	PASS
7045.4773	-62.00	-50.13	11.9	-13.0	37.1	Horizontal	PK	PASS
12548.164	-69.57	-46.24	23.3	-13.0	33.2	Horizontal	PK	PASS

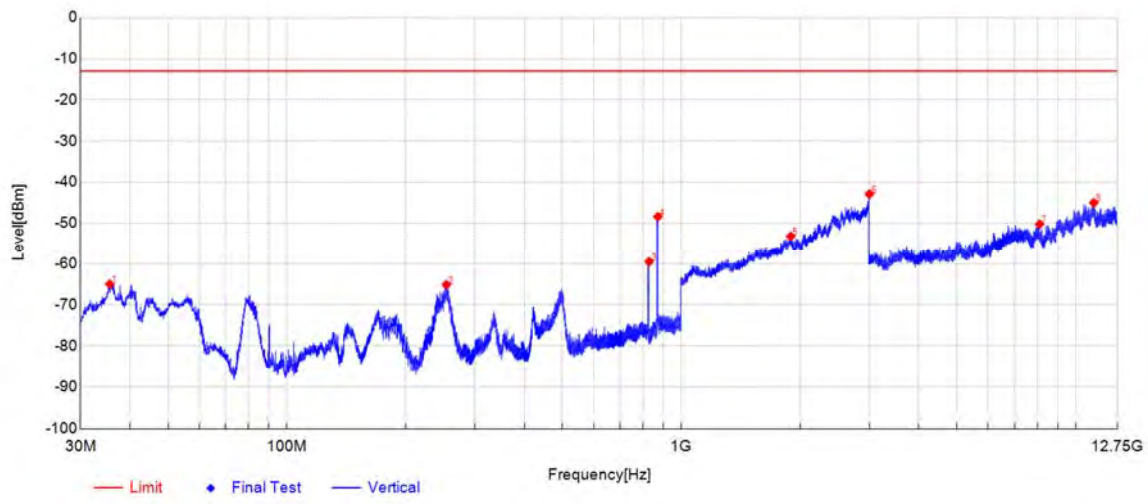


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.1598	-41.28	-64.41	-23.1	-13.0	51.4	Vertical	PK	PASS
254.6147	-46.96	-64.94	-18.0	-13.0	51.9	Vertical	PK	PASS
824.5182	-51.91	-57.80	-5.9	-	-	Vertical	PK	NA
873.4572	-44.02	-48.73	-4.7	-	-	Vertical	PK	NA
1890.9782	-58.95	-53.05	5.9	-13.0	40.1	Vertical	PK	PASS
2981.5963	-58.55	-43.33	15.2	-13.0	30.3	Vertical	PK	PASS
7256.0878	-61.37	-49.58	11.8	-13.0	36.6	Vertical	PK	PASS
11077.791	-67.30	-44.98	22.3	-13.0	32.0	Vertical	PK	PASS

Plot for Mid Channel

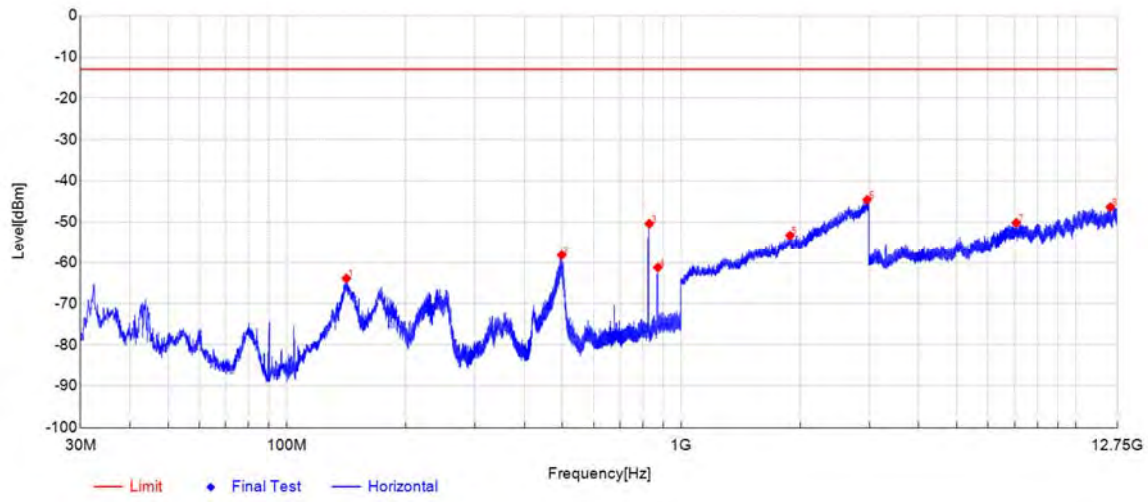


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.1191	-37.98	-63.58	-25.6	-13.0	50.6	Horizontal	PK	PASS
497.5149	-47.12	-58.82	-11.7	-13.0	45.8	Horizontal	PK	PASS
824.9062	-45.23	-51.02	-5.8	-	-	Horizontal	PK	NA
873.9907	-56.14	-60.95	-4.8	-	-	Horizontal	PK	NA
1865.3731	-59.35	-53.88	5.5	-13.0	40.9	Horizontal	PK	PASS
2991.1982	-59.67	-44.80	14.9	-13.0	31.8	Horizontal	PK	PASS
8032.2266	-63.17	-49.72	13.5	-13.0	36.7	Horizontal	PK	PASS
12530.126	-68.37	-45.00	23.4	-13.0	32.0	Horizontal	PK	PASS

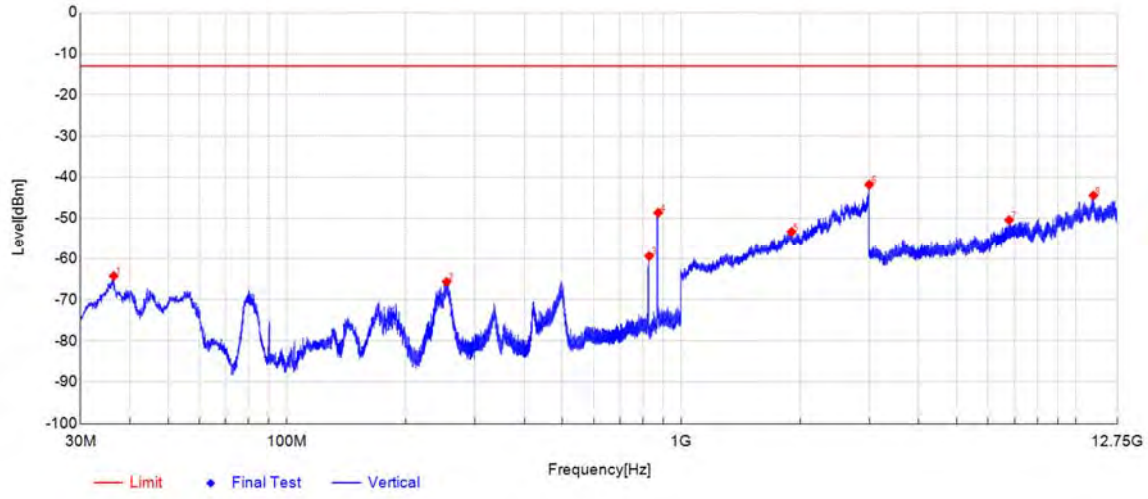


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.5778	-41.66	-64.99	-23.3	-13.0	52.0	Vertical	PK	PASS
253.6447	-47.12	-65.12	-18.0	-13.0	52.1	Vertical	PK	PASS
828.8834	-53.54	-59.50	-6.0	-	-	Vertical	PK	NA
872.2931	-43.61	-48.36	-4.8	-	-	Vertical	PK	NA
1895.3791	-59.07	-53.18	5.9	-13.0	40.2	Vertical	PK	PASS
3000	-60.12	-42.86	17.3	-13.0	29.9	Vertical	PK	PASS
8099.0175	-63.18	-50.19	13.0	-13.0	37.2	Vertical	PK	PASS
11111.918	-67.24	-45.00	22.2	-13.0	32.0	Vertical	PK	PASS

Plot for High Channel



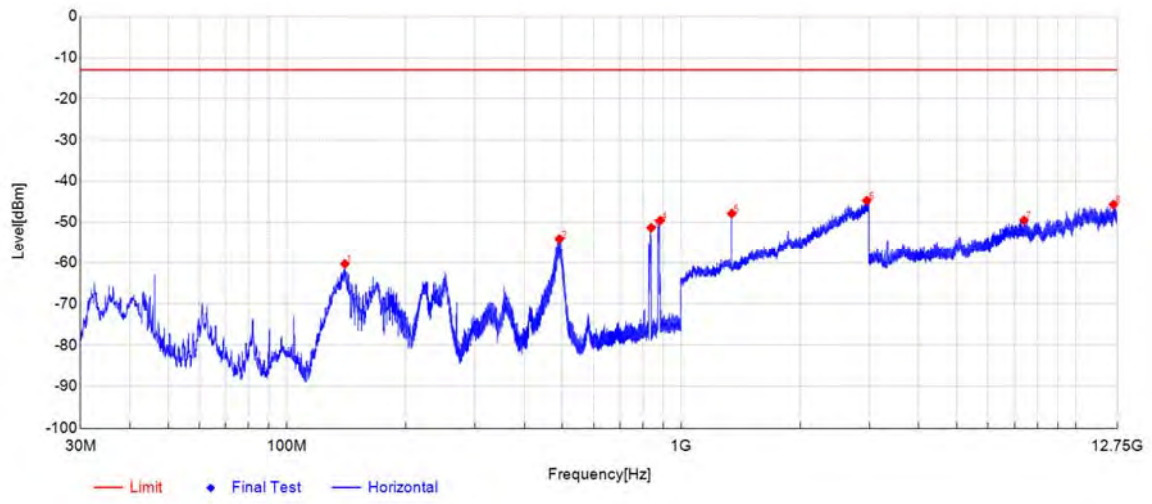
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.6041	-38.29	-63.86	-25.6	-13.0	50.9	Horizontal	PK	PASS
497.4664	-46.47	-58.17	-11.7	-13.0	45.2	Horizontal	PK	PASS
829.611	-44.64	-50.36	-5.7	-	-	Horizontal	PK	NA
872.2446	-56.38	-61.21	-4.8	-	-	Horizontal	PK	NA
1885.7772	-59.09	-53.24	5.9	-13.0	40.2	Horizontal	PK	PASS
2958.7918	-59.68	-44.59	15.1	-13.0	31.6	Horizontal	PK	PASS
7069.366	-62.12	-50.14	12.0	-13.0	37.1	Horizontal	PK	PASS
12241.024	-68.21	-46.36	21.9	-13.0	33.4	Horizontal	PK	PASS



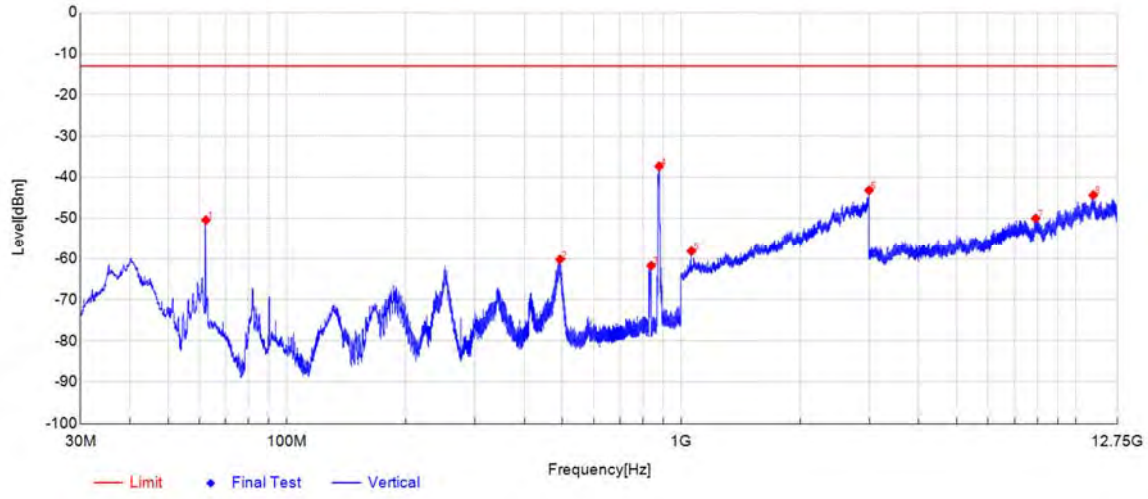
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.4023	-41.17	-64.22	-23.1	-13.0	51.2	Vertical	PK	PASS
254.1782	-47.70	-65.68	-18.0	-13.0	52.7	Vertical	PK	PASS
829.1745	-53.40	-59.37	-6.0	-	-	Vertical	PK	NA
874.0877	-43.93	-48.62	-4.7	-	-	Vertical	PK	NA
1903.7808	-59.19	-53.30	5.9	-13.0	40.3	Vertical	PK	PASS
2995.9992	-58.61	-41.79	16.8	-13.0	28.8	Vertical	PK	PASS
6779.289	-61.27	-50.43	10.8	-13.0	37.4	Vertical	PK	PASS
11088.516	-66.80	-44.44	22.4	-13.0	31.4	Vertical	PK	PASS

LTE Band 19

Plot for Low Channel

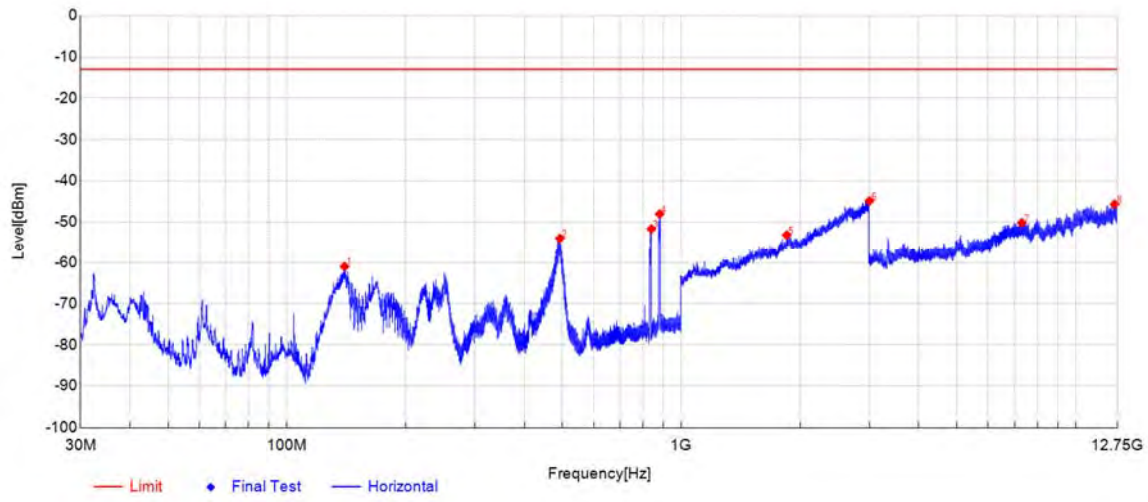


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
140.2945	-34.70	-60.33	-25.6	-13.0	47.3	Horizontal	PK	PASS
490.9185	-41.93	-54.07	-12.1	-13.0	41.1	Horizontal	PK	PASS
838.4869	-45.87	-51.35	-5.5	-	-	Horizontal	PK	NA
884.3217	-44.86	-49.58	-4.7	-	-	Horizontal	PK	NA
1342.4685	-47.34	-47.87	-0.5	-13.0	34.9	Horizontal	PK	PASS
2953.1906	-59.79	-44.72	15.1	-13.0	31.7	Horizontal	PK	PASS
7396.0073	-62.03	-49.52	12.5	-13.0	36.5	Horizontal	PK	PASS
12471.623	-68.47	-45.70	22.8	-13.0	32.7	Horizontal	PK	PASS

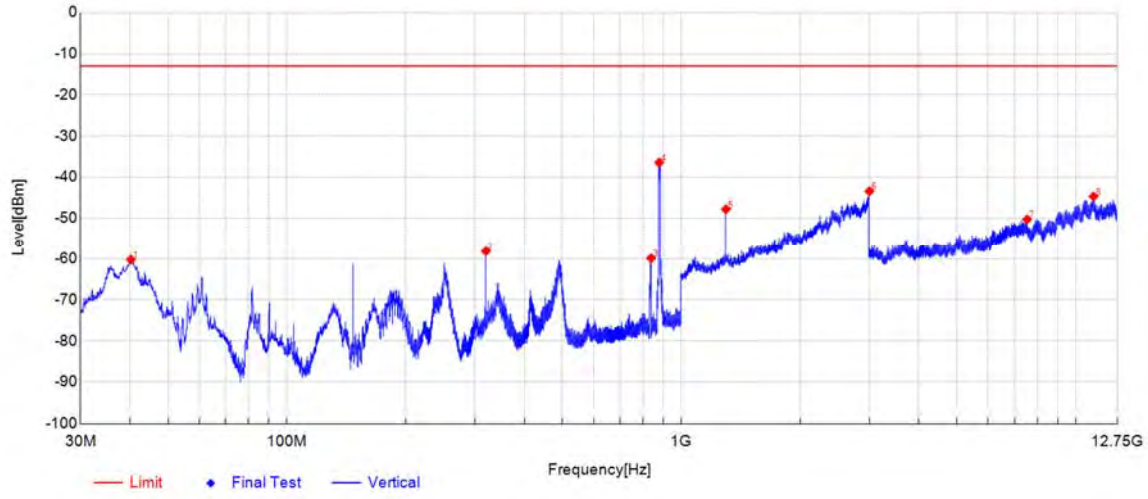


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
62.3511	-31.66	-50.39	-18.7	-13.0	37.4	Vertical	PK	PASS
492.4221	-47.91	-60.20	-12.3	-13.0	47.2	Vertical	PK	PASS
838.8749	-55.95	-61.72	-5.8	-	-	Vertical	PK	NA
878.9379	-32.81	-37.33	-4.5	-	-	Vertical	PK	NA
1061.2122	-55.88	-58.15	-2.3	-13.0	45.2	Vertical	PK	PASS
2993.5987	-59.72	-43.17	16.6	-13.0	30.2	Vertical	PK	PASS
7914.2457	-62.54	-50.00	12.5	-13.0	37.0	Vertical	PK	PASS
11077.791	-66.66	-44.34	22.3	-13.0	31.3	Vertical	PK	PASS

Plot for Mid Channel

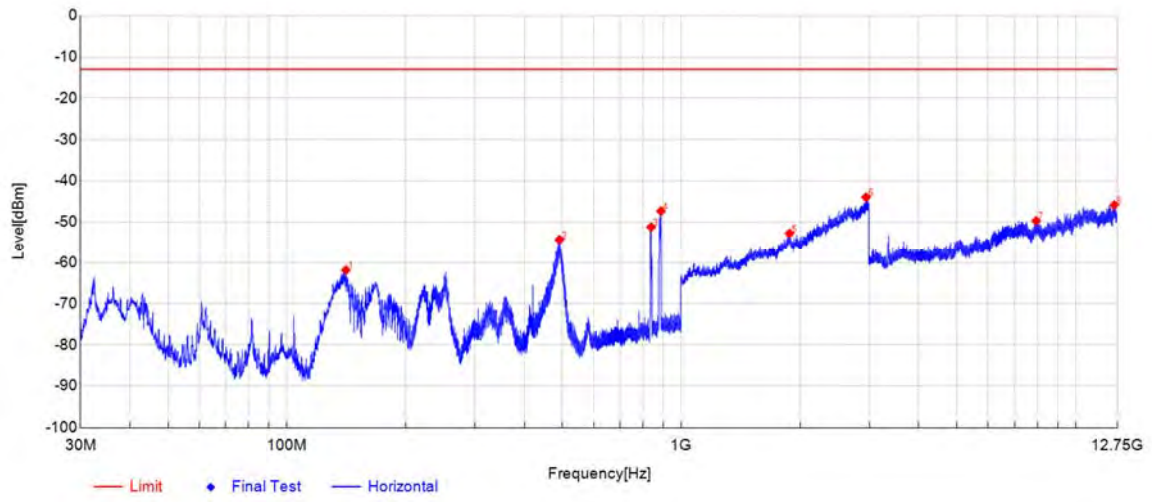


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
140.052	-35.30	-60.94	-25.6	-13.0	47.9	Horizontal	PK	PASS
492.4221	-41.91	-53.95	-12.0	-13.0	41.0	Horizontal	PK	PASS
840.0875	-46.21	-51.64	-5.4	-	-	Horizontal	PK	NA
881.3631	-43.28	-48.02	-4.7	-	-	Horizontal	PK	NA
1850.5701	-58.10	-53.12	5.0	-13.0	40.1	Horizontal	PK	PASS
2998.7998	-59.87	-44.85	15.0	-13.0	31.9	Horizontal	PK	PASS
7300.4525	-62.88	-50.13	12.8	-13.0	37.1	Horizontal	PK	PASS
12554.015	-68.95	-45.64	23.3	-13.0	32.6	Horizontal	PK	PASS

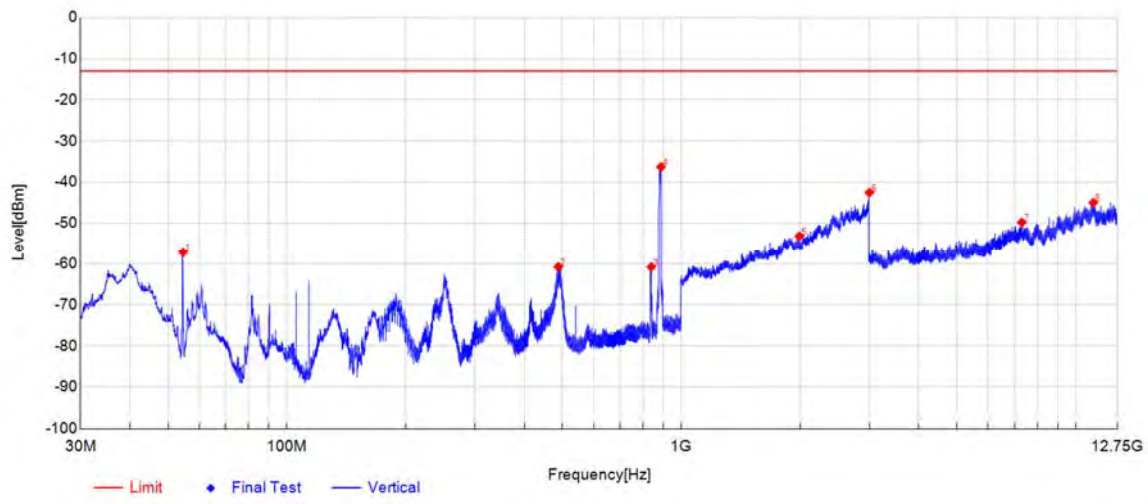


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.234	-38.47	-60.23	-21.8	-13.0	47.2	Vertical	PK	PASS
319.6565	-42.37	-58.17	-15.8	-13.0	45.2	Vertical	PK	PASS
838.8264	-54.14	-59.91	-5.8	-	-	Vertical	PK	NA
878.8894	-31.90	-36.42	-4.5	-	-	Vertical	PK	NA
1298.0596	-47.59	-47.78	-0.2	-13.0	34.8	Vertical	PK	PASS
3000	-60.66	-43.40	17.3	-13.0	30.4	Vertical	PK	PASS
7531.0516	-62.03	-50.26	11.8	-13.0	37.3	Vertical	PK	PASS
11096.317	-67.07	-44.68	22.4	-13.0	31.7	Vertical	PK	PASS

Plot for High Channel



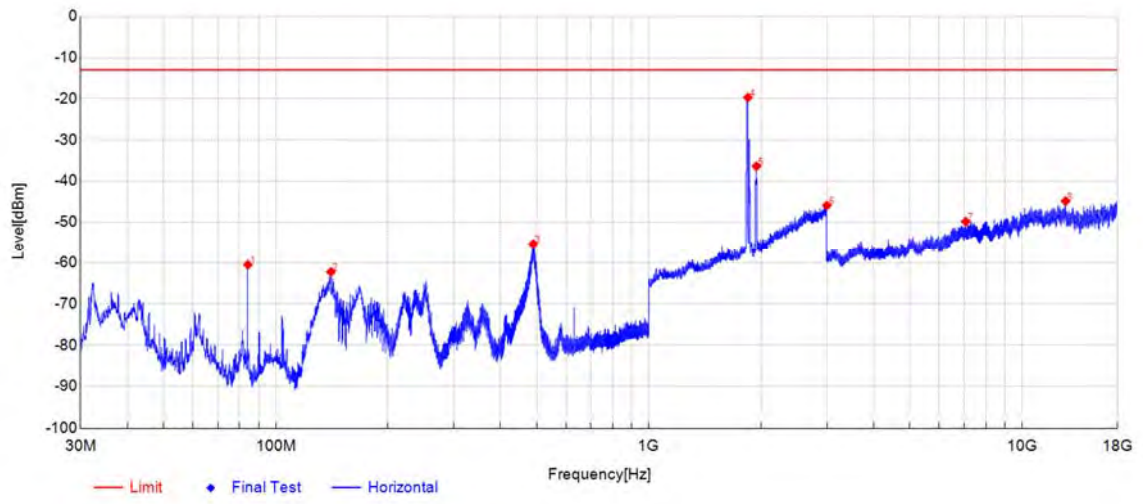
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
141.1191	-36.22	-61.82	-25.6	-13.0	48.8	Horizontal	PK	PASS
491.1126	-42.16	-54.28	-12.1	-13.0	41.3	Horizontal	PK	PASS
838.6324	-45.71	-51.18	-5.5	-	-	Horizontal	PK	NA
888.2019	-42.60	-47.31	-4.7	-	-	Horizontal	PK	NA
1881.3763	-58.76	-52.73	6.0	-13.0	39.7	Horizontal	PK	PASS
2940.3881	-58.30	-43.94	14.4	-13.0	30.9	Horizontal	PK	PASS
7940.0845	-62.86	-49.66	13.2	-13.0	36.7	Horizontal	PK	PASS
12535.001	-69.21	-45.85	23.4	-13.0	32.9	Horizontal	PK	PASS



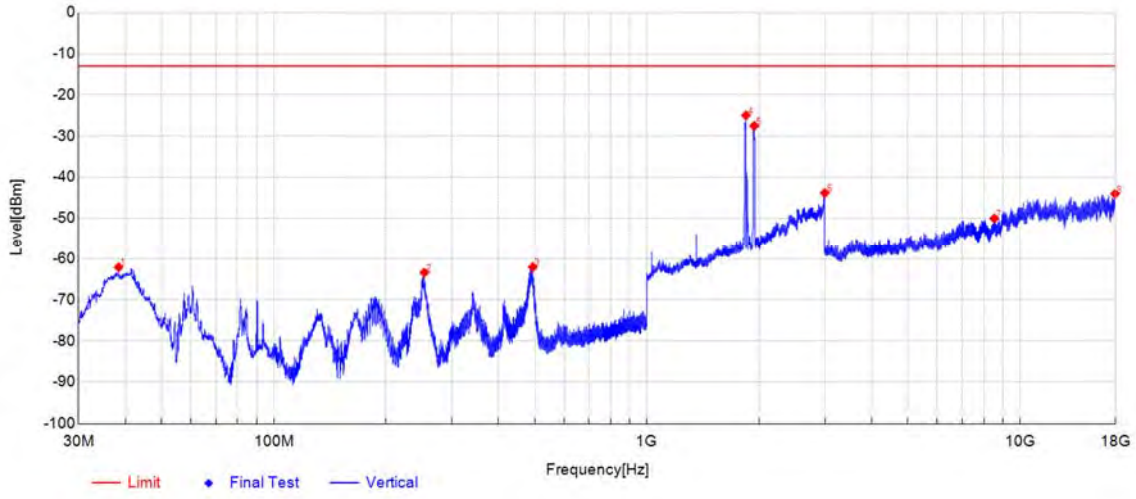
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
54.5907	-40.14	-57.15	-17.0	-13.0	44.2	Vertical	PK	PASS
487.5719	-48.33	-60.78	-12.5	-13.0	47.8	Vertical	PK	PASS
839.6025	-55.06	-60.81	-5.8	-	-	Vertical	PK	NA
888.3959	-31.82	-36.27	-4.5	-	-	Vertical	PK	NA
1994.1988	-58.25	-53.13	5.1	-13.0	40.1	Vertical	PK	PASS
2998.7998	-59.64	-42.51	17.1	-13.0	29.5	Vertical	PK	PASS
7299.4775	-61.89	-49.77	12.1	-13.0	36.8	Vertical	PK	PASS
11083.641	-67.31	-44.97	22.3	-13.0	32.0	Vertical	PK	PASS

LTE Band 25

Plot for Low Channel

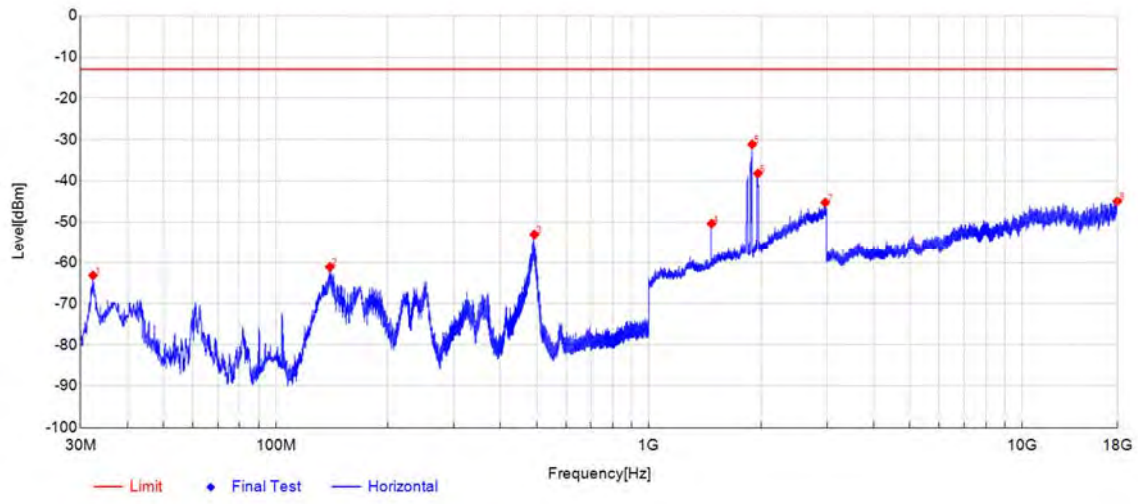


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.2257	-36.84	-60.51	-23.7	-13.0	47.5	Horizontal	PK	PASS
140.634	-36.47	-62.26	-25.8	-13.0	49.3	Horizontal	PK	PASS
489.8515	-42.38	-55.32	-12.9	-13.0	42.3	Horizontal	PK	PASS
1840.9682	-23.92	-19.69	4.2	-13.0	6.7	Horizontal	PK	PASS
1942.1884	-40.56	-36.39	4.2	-	-	Horizontal	PK	NA
2998.3997	-59.92	-45.92	14.0	-13.0	32.9	Horizontal	PK	PASS
7067.5627	-61.63	-49.84	11.8	-13.0	36.8	Horizontal	PK	PASS
13081.723	-68.76	-44.86	23.9	-13.0	31.9	Horizontal	PK	PASS

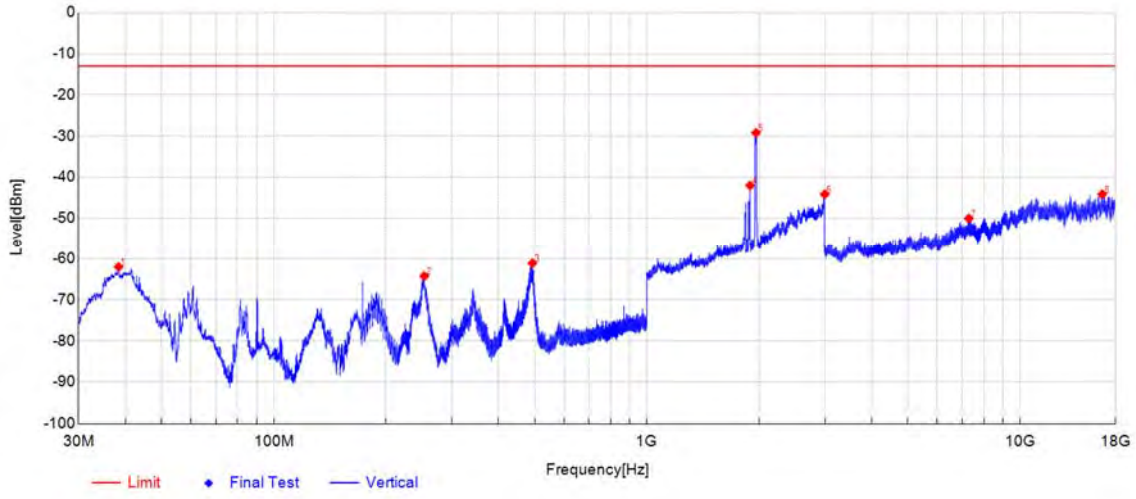


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.3909	-39.64	-62.07	-22.4	-13.0	49.1	Vertical	PK	PASS
253.3537	-45.02	-63.39	-18.4	-13.0	50.4	Vertical	PK	PASS
494.5562	-49.03	-62.06	-13.0	-13.0	49.1	Vertical	PK	PASS
1842.1684	-29.47	-24.95	4.5	-13.0	12.0	Vertical	PK	PASS
1938.9878	-31.44	-27.52	3.9	-	-	Vertical	PK	NA
2998.3997	-59.89	-43.82	16.1	-13.0	30.8	Vertical	PK	PASS
8528.2611	-63.56	-50.02	13.5	-13.0	37.0	Vertical	PK	PASS
17967.358	-68.25	-44.05	24.2	-13.0	31.1	Vertical	PK	PASS

Plot for Mid Channel

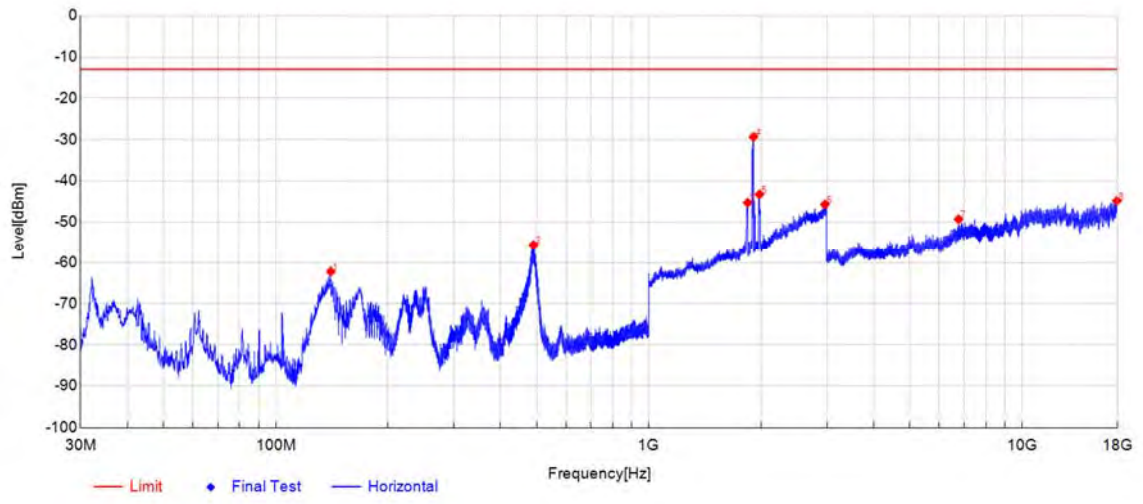


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.3766	-47.93	-63.13	-15.2	-13.0	50.1	Horizontal	PK	PASS
139.6155	-35.22	-61.05	-25.8	-13.0	48.1	Horizontal	PK	PASS
493.2467	-40.24	-53.01	-12.8	-13.0	40.0	Horizontal	PK	PASS
1472.0944	-50.18	-50.36	-0.2	-13.0	37.4	Horizontal	PK	PASS
1890.5781	-36.02	-31.15	4.9	-	-	Horizontal	PK	NA
1958.5917	-42.69	-38.20	4.5	-	-	Horizontal	PK	NA
2967.9936	-58.86	-45.23	13.6	-13.0	32.2	Horizontal	PK	PASS
17993.759	-68.76	-44.92	23.8	-13.0	31.9	Horizontal	PK	PASS

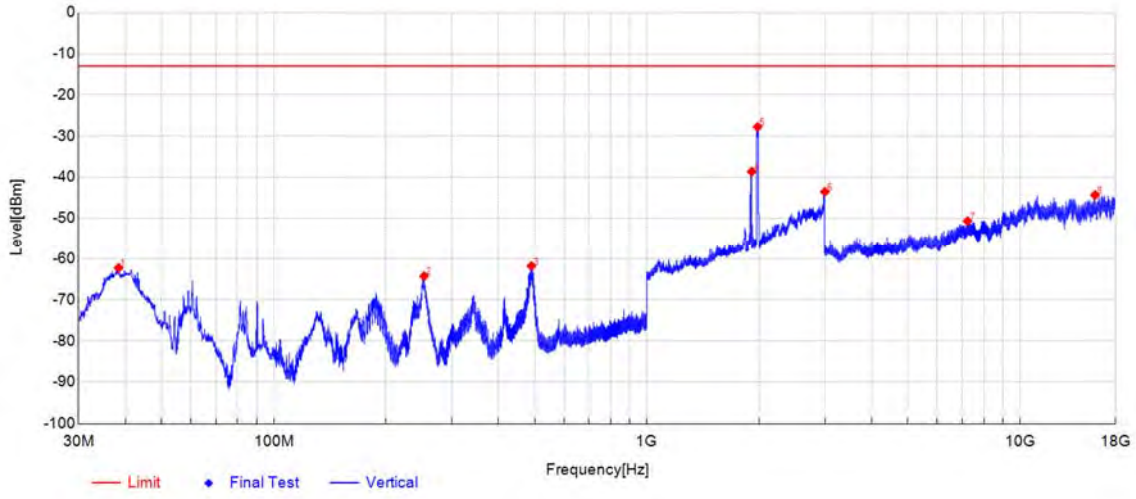


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.3909	-39.58	-62.01	-22.4	-13.0	49.0	Vertical	PK	PASS
253.2567	-45.88	-64.25	-18.4	-13.0	51.3	Vertical	PK	PASS
493.3437	-48.06	-61.11	-13.1	-13.0	48.1	Vertical	PK	PASS
1890.5781	-47.12	-42.02	5.1	-	-	Vertical	PK	NA
1960.192	-33.42	-29.21	4.2	-	-	Vertical	PK	NA
2995.9992	-59.92	-44.14	15.8	-13.0	31.1	Vertical	PK	PASS
7289.8116	-61.88	-50.02	11.9	-13.0	37.0	Vertical	PK	PASS
16610.824	-70.03	-44.13	25.9	-13.0	31.1	Vertical	PK	PASS

Plot for High Channel



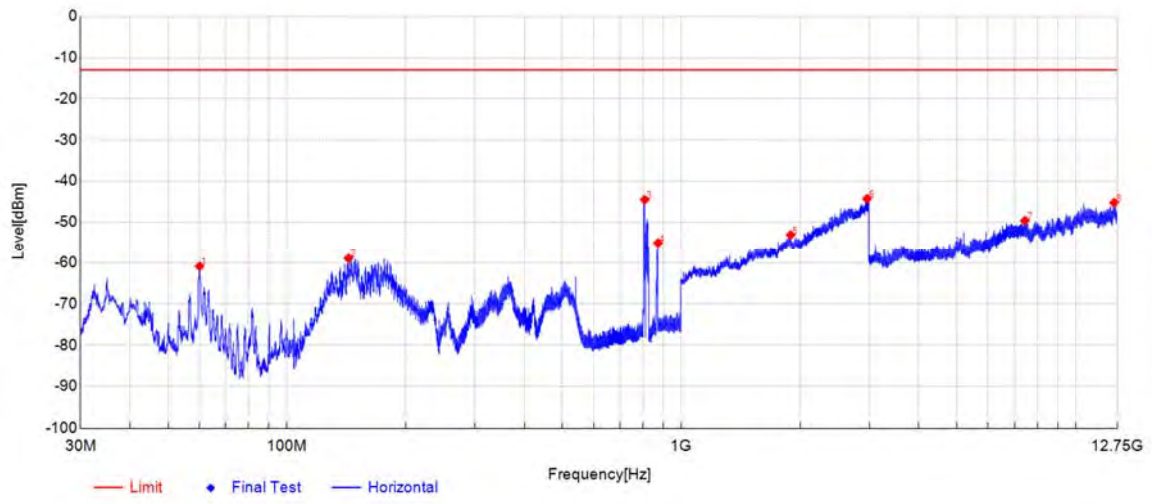
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
140.4885	-36.40	-62.19	-25.8	-13.0	49.2	Horizontal	PK	PASS
490.5305	-42.67	-55.58	-12.9	-13.0	42.6	Horizontal	PK	PASS
1838.9678	-49.49	-45.27	4.2	-13.0	32.3	Horizontal	PK	PASS
1907.3815	-33.60	-29.33	4.3	-	-	Horizontal	PK	NA
1977.3955	-47.88	-43.25	4.6	-	-	Horizontal	PK	NA
2962.3925	-59.42	-45.71	13.7	-13.0	32.7	Horizontal	PK	PASS
6759.3904	-60.32	-49.29	11.0	-13.0	36.3	Horizontal	PK	PASS
17959.198	-68.90	-44.82	24.1	-13.0	31.8	Horizontal	PK	PASS



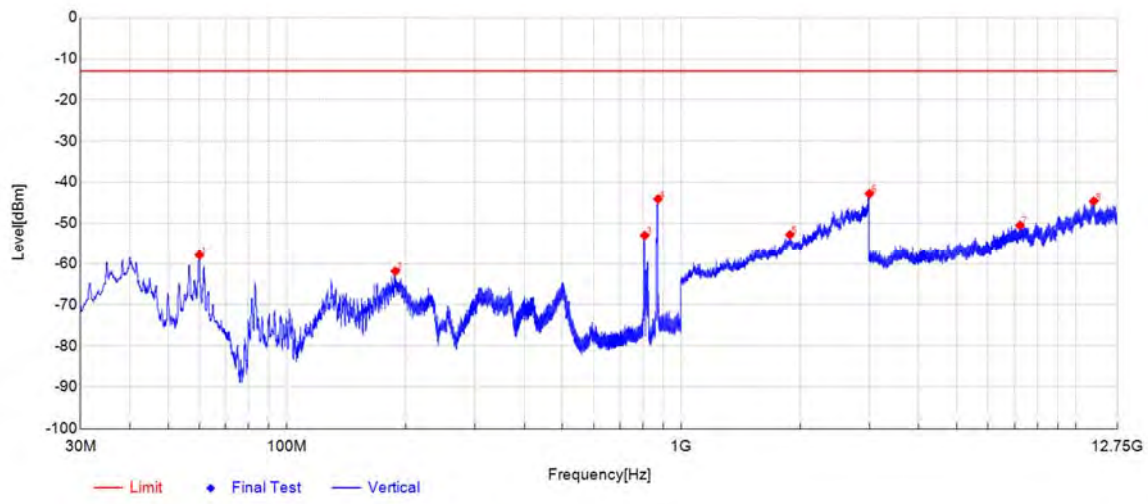
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.3909	-39.81	-62.24	-22.4	-13.0	49.2	Vertical	PK	PASS
252.9171	-45.88	-64.26	-18.4	-13.0	51.3	Vertical	PK	PASS
490.288	-48.71	-61.81	-13.1	-13.0	48.8	Vertical	PK	PASS
1910.182	-43.48	-38.64	4.8	-	-	Vertical	PK	NA
1980.196	-32.61	-27.78	4.8	-	-	Vertical	PK	NA
2999.1998	-59.71	-43.54	16.2	-13.0	30.5	Vertical	PK	PASS
7233.1693	-62.15	-50.66	11.5	-13.0	37.7	Vertical	PK	PASS
15881.675	-69.26	-44.32	24.9	-13.0	31.3	Vertical	PK	PASS

LTE Band 26

Plot for Low Channel

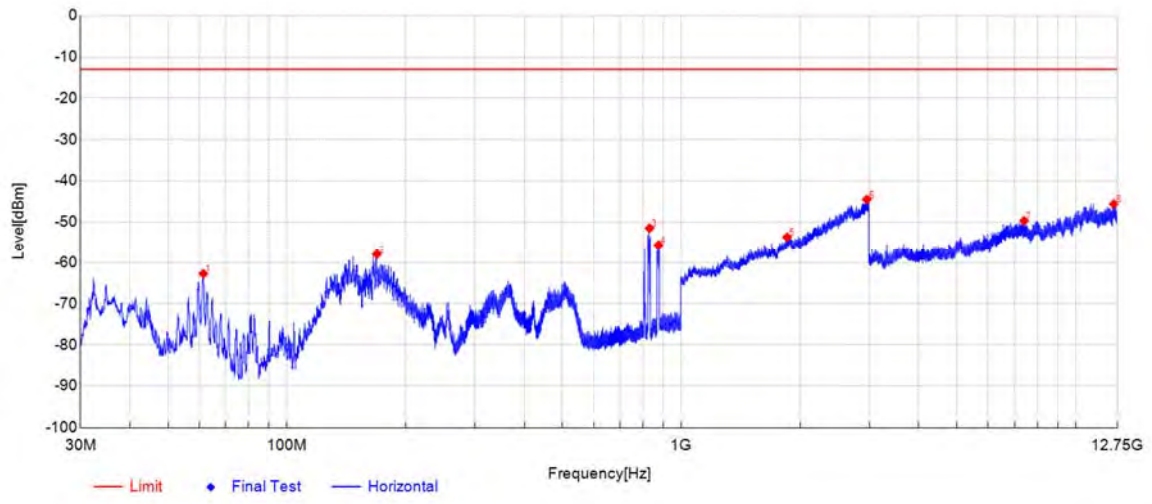


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
60.12	-43.73	-60.88	-17.2	-13.0	47.9	Horizontal	PK	PASS
143.3502	-33.41	-58.93	-25.5	-13.0	45.9	Horizontal	PK	PASS
807.7364	-38.46	-44.53	-6.1	-	-	Horizontal	PK	NA
872.9721	-50.28	-55.10	-4.8	-	-	Horizontal	PK	NA
1893.7788	-58.64	-53.10	5.5	-13.0	40.1	Horizontal	PK	PASS
2956.3913	-59.41	-44.28	15.1	-13.0	31.3	Horizontal	PK	PASS
7436.9593	-62.09	-49.61	12.5	-13.0	36.6	Horizontal	PK	PASS
12521.351	-68.63	-45.25	23.4	-13.0	32.3	Horizontal	PK	PASS

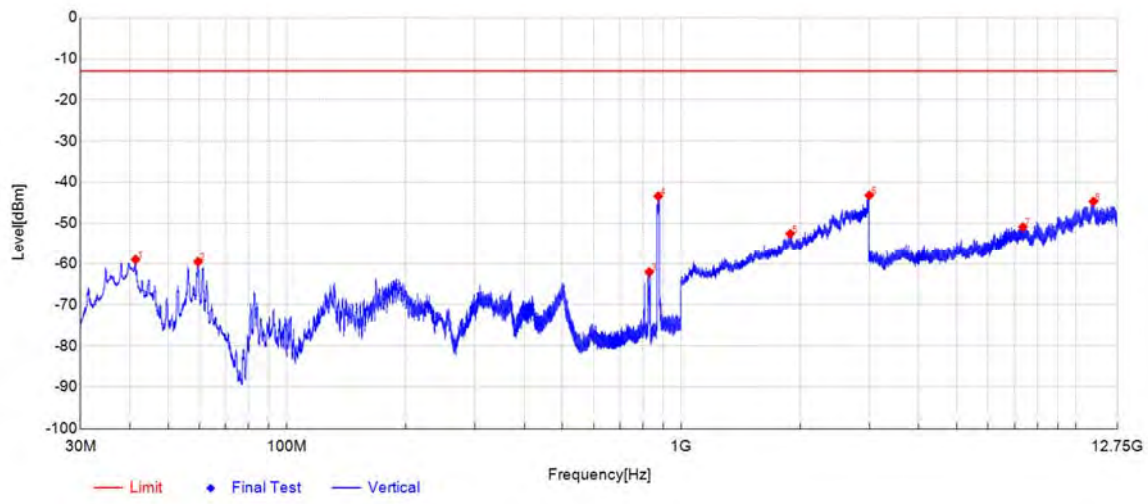


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
60.023	-39.71	-57.85	-18.1	-13.0	44.9	Vertical	PK	PASS
188.3119	-39.91	-61.86	-22.0	-13.0	48.9	Vertical	PK	PASS
807.7364	-47.29	-52.94	-5.7	-	-	Vertical	PK	NA
872.9721	-39.35	-44.08	-4.7	-	-	Vertical	PK	NA
1885.3771	-58.68	-52.79	5.9	-13.0	39.8	Vertical	PK	PASS
2999.5999	-60.00	-42.78	17.2	-13.0	29.8	Vertical	PK	PASS
7225.3738	-62.05	-50.49	11.6	-13.0	37.5	Vertical	PK	PASS
11105.092	-66.95	-44.62	22.3	-13.0	31.6	Vertical	PK	PASS

Plot for Mid Channel

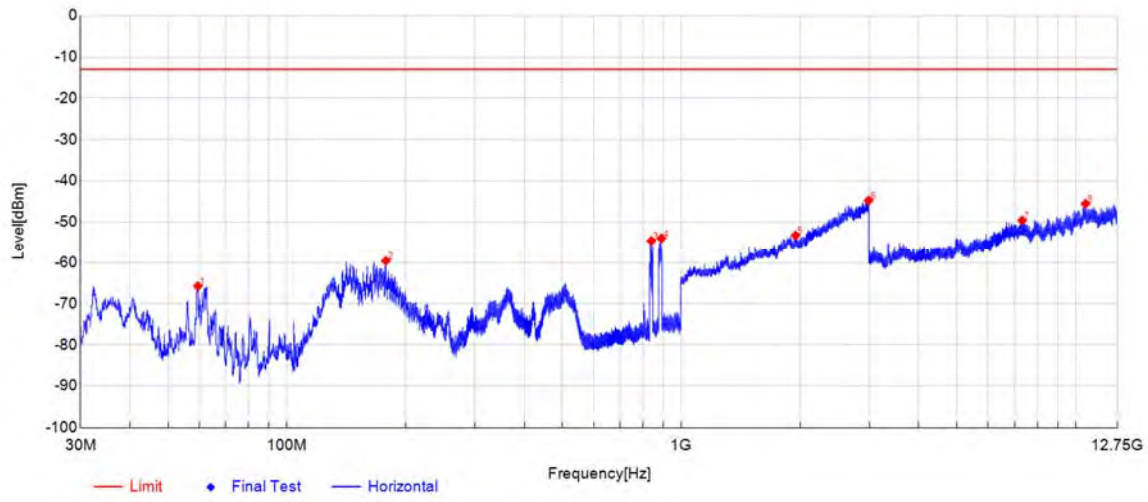


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
61.4296	-45.11	-62.70	-17.6	-13.0	49.7	Horizontal	PK	PASS
169.1535	-35.15	-57.90	-22.8	-13.0	44.9	Horizontal	PK	PASS
830.775	-45.77	-51.46	-5.7	-	-	Horizontal	PK	NA
875.3973	-50.81	-55.60	-4.8	-	-	Horizontal	PK	NA
1854.971	-58.66	-53.64	5.0	-13.0	40.6	Horizontal	PK	PASS
2953.5907	-59.58	-44.50	15.1	-13.0	31.5	Horizontal	PK	PASS
7400.395	-62.16	-49.66	12.5	-13.0	36.7	Horizontal	PK	PASS
12496.974	-68.95	-45.59	23.4	-13.0	32.6	Horizontal	PK	PASS

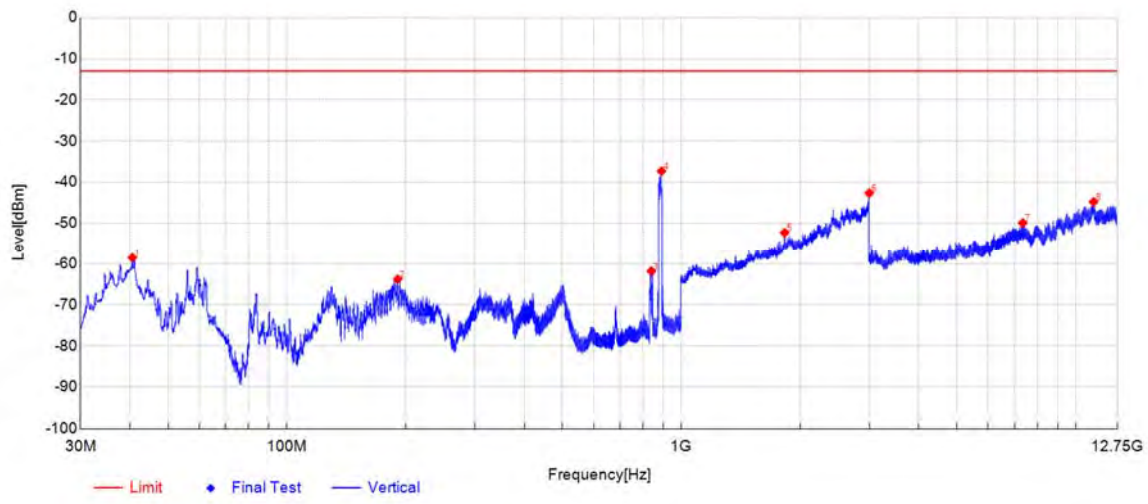


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
41.3496	-37.61	-59.00	-21.4	-13.0	46.0	Vertical	PK	PASS
59.538	-41.53	-59.55	-18.0	-13.0	46.6	Vertical	PK	PASS
829.1745	-56.09	-62.06	-6.0	-	-	Vertical	PK	NA
874.6697	-38.71	-43.38	-4.7	-	-	Vertical	PK	NA
1888.5777	-58.42	-52.53	5.9	-13.0	39.5	Vertical	PK	PASS
2997.1994	-60.14	-43.19	17.0	-13.0	30.2	Vertical	PK	PASS
7349.205	-62.81	-50.89	11.9	-13.0	37.9	Vertical	PK	PASS
11090.954	-67.07	-44.69	22.4	-13.0	31.7	Vertical	PK	PASS

Plot for High Channel



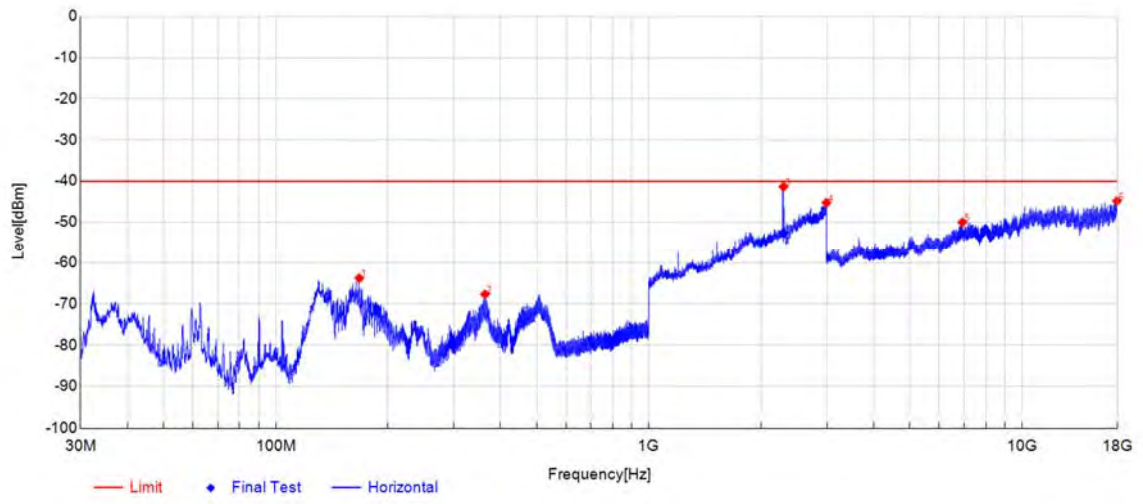
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
59.4895	-48.79	-65.73	-16.9	-13.0	52.7	Horizontal	PK	PASS
178.2234	-38.29	-59.57	-21.3	-13.0	46.6	Horizontal	PK	PASS
839.942	-49.10	-54.53	-5.4	-	-	Horizontal	PK	NA
890.724	-49.25	-53.94	-4.7	-	-	Horizontal	PK	NA
1948.1896	-58.36	-53.22	5.1	-13.0	40.2	Horizontal	PK	PASS
2985.197	-59.50	-44.75	14.8	-13.0	31.8	Horizontal	PK	PASS
7318.0034	-62.28	-49.58	12.7	-13.0	36.6	Horizontal	PK	PASS
10591.729	-65.03	-45.53	19.5	-13.0	32.5	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.5735	-36.86	-58.52	-21.7	-13.0	45.5	Vertical	PK	PASS
190.8825	-42.00	-63.82	-21.8	-13.0	50.8	Vertical	PK	PASS
839.748	-56.08	-61.82	-5.7	-	-	Vertical	PK	NA
891.1606	-32.86	-37.30	-4.4	-	-	Vertical	PK	NA
1828.1656	-57.60	-52.29	5.3	-13.0	39.3	Vertical	PK	PASS
2997.1994	-59.59	-42.64	17.0	-13.0	29.6	Vertical	PK	PASS
7342.8671	-61.84	-49.90	11.9	-13.0	36.9	Vertical	PK	PASS
11099.242	-67.19	-44.78	22.4	-13.0	31.8	Vertical	PK	PASS

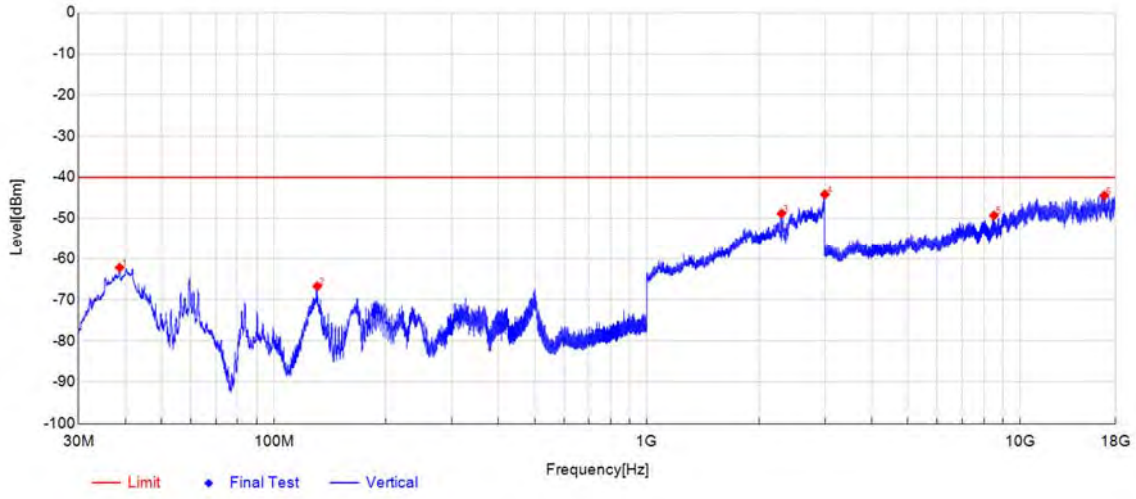
LTE Band 30

Plot for Low Channel



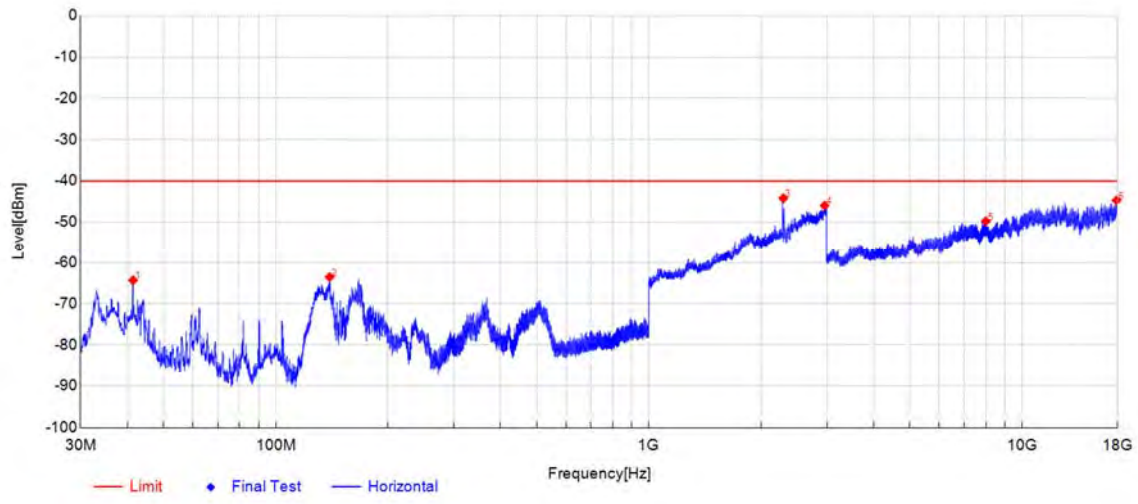
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
167.4074	-40.53	-63.79	-23.3	-40.0	23.8	Horizontal	PK	PASS
363.7452	-52.11	-67.70	-15.6	-40.0	27.7	Horizontal	PK	PASS
2293.8588	-49.28	-41.36	7.9	-40.0	1.4	Horizontal	PK	PASS
2989.5979	-59.17	-45.27	13.9	-40.0	5.3	Horizontal	PK	PASS
6918.2767	-61.58	-50.03	11.6	-40.0	10.0	Horizontal	PK	PASS
17958.718	-68.93	-44.84	24.1	-40.0	4.8	Horizontal	PK	PASS

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
2293.8588	-60.60	-52.68	7.9	-40.00	12.68	Horizontal	RMS	PASS

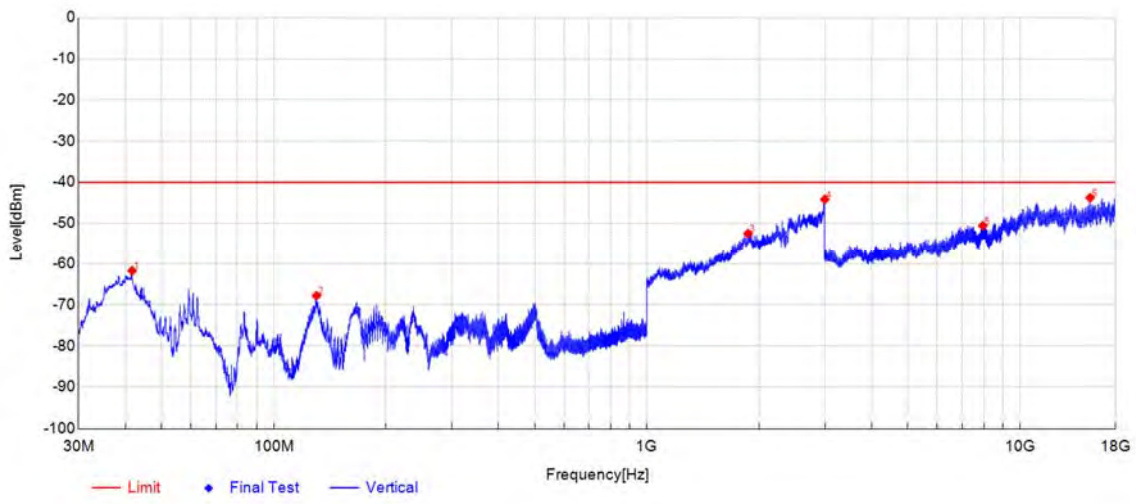


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
38.6334	-39.83	-62.18	-22.4	-40.0	22.2	Vertical	PK	PASS
130.788	-47.49	-66.71	-19.2	-40.0	26.7	Vertical	PK	PASS
2294.6589	-56.00	-48.83	7.2	-40.0	8.8	Vertical	PK	PASS
2997.5995	-60.33	-44.18	16.2	-40.0	4.2	Vertical	PK	PASS
8511.9405	-62.72	-49.30	13.4	-40.0	9.3	Vertical	PK	PASS
16805.232	-70.23	-44.44	25.8	-40.0	4.4	Vertical	PK	PASS

Plot for Mid Channel

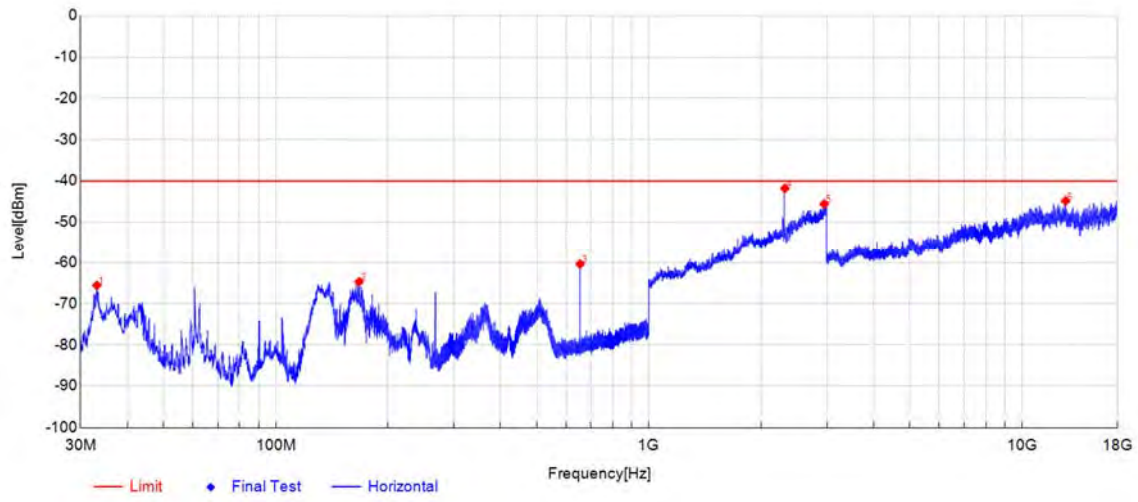


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
41.4466	-49.00	-64.30	-15.3	-40.0	24.3	Horizontal	PK	PASS
139.4215	-37.74	-63.53	-25.8	-40.0	23.5	Horizontal	PK	PASS
2291.8584	-52.02	-44.18	7.8	-40.0	4.2	Horizontal	PK	PASS
2957.9916	-59.85	-45.95	13.9	-40.0	6.0	Horizontal	PK	PASS
7998.3199	-63.10	-49.75	13.4	-40.0	9.8	Horizontal	PK	PASS
17904.956	-69.16	-44.70	24.5	-40.0	4.7	Horizontal	PK	PASS

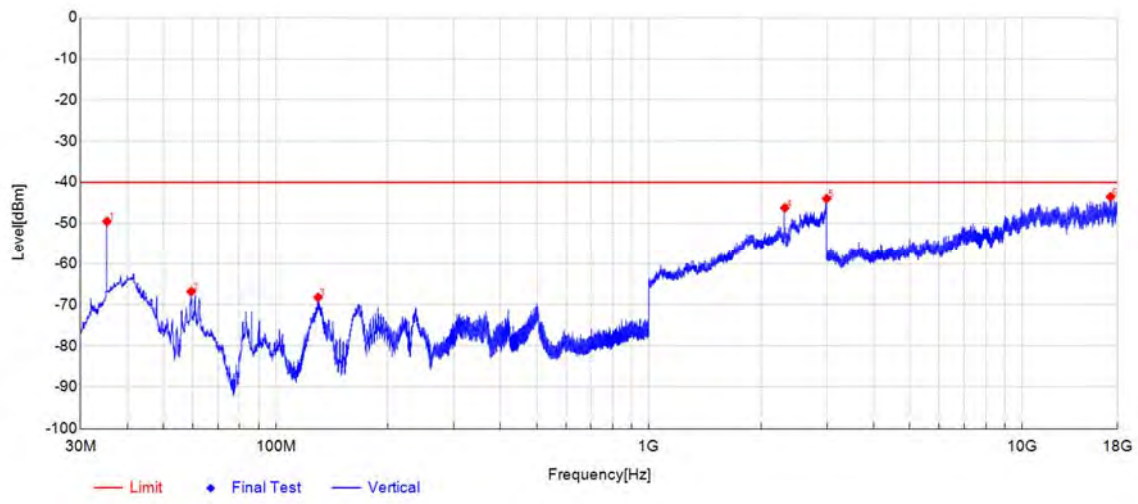


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
41.7376	-40.41	-61.72	-21.3	-40.0	21.7	Vertical	PK	PASS
130.206	-48.68	-67.81	-19.1	-40.0	27.8	Vertical	PK	PASS
1866.9734	-58.65	-52.48	6.2	-40.0	12.5	Vertical	PK	PASS
2996.7994	-60.21	-44.16	16.1	-40.0	4.2	Vertical	PK	PASS
7945.9978	-63.21	-50.57	12.6	-40.0	10.6	Vertical	PK	PASS
15405.496	-69.32	-43.77	25.6	-40.0	3.8	Vertical	PK	PASS

Plot for High Channel



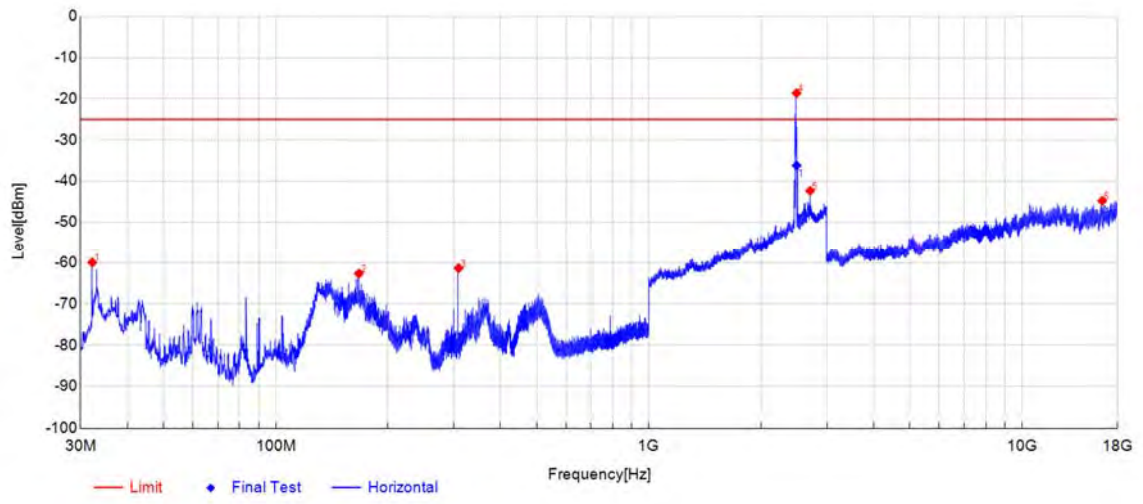
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
33.1527	-50.31	-65.54	-15.2	-40.0	25.5	Horizontal	PK	PASS
167.2619	-41.40	-64.69	-23.3	-40.0	24.7	Horizontal	PK	PASS
653.8867	-50.66	-60.35	-9.7	-40.0	20.4	Horizontal	PK	PASS
2313.8628	-49.77	-41.79	8.0	-	-	Horizontal	PK	NA
2949.99	-59.24	-45.59	13.7	-40.0	5.6	Horizontal	PK	PASS
13085.563	-68.78	-44.82	24.0	-40.0	4.8	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.2868	-26.05	-49.52	-23.5	-40.0	9.5	Vertical	PK	PASS
59.344	-48.78	-66.80	-18.0	-40.0	26.8	Vertical	PK	PASS
129.7695	-49.10	-68.22	-19.1	-40.0	28.2	Vertical	PK	PASS
2313.8628	-53.94	-46.23	7.7	-	-	Vertical	PK	NA
2993.5987	-59.66	-44.00	15.7	-40.0	4.0	Vertical	PK	PASS
17255.010	-67.94	-43.55	24.4	-40.0	3.6	Vertical	PK	PASS

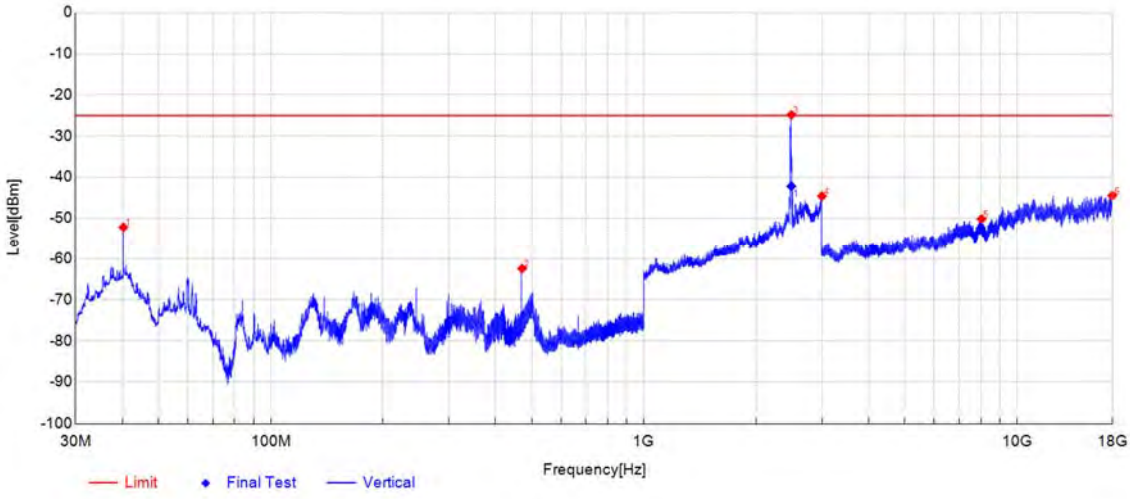
LTE Band 41

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
32.2311	-44.81	-59.96	-15.2	-25.0	35.0	Horizontal	PK	PASS
167.0194	-39.36	-62.68	-23.3	-25.0	37.7	Horizontal	PK	PASS
308.9859	-43.08	-61.36	-18.3	-25.0	36.4	Horizontal	PK	PASS
2488.2977	-28.56	-18.61	10.0	-25.0	-6.4	Horizontal	PK	PASS
2704.3409	-55.83	-42.34	13.5	-25.0	17.3	Horizontal	PK	PASS
16398.175	-70.53	-44.79	25.7	-25.0	19.8	Horizontal	PK	PASS

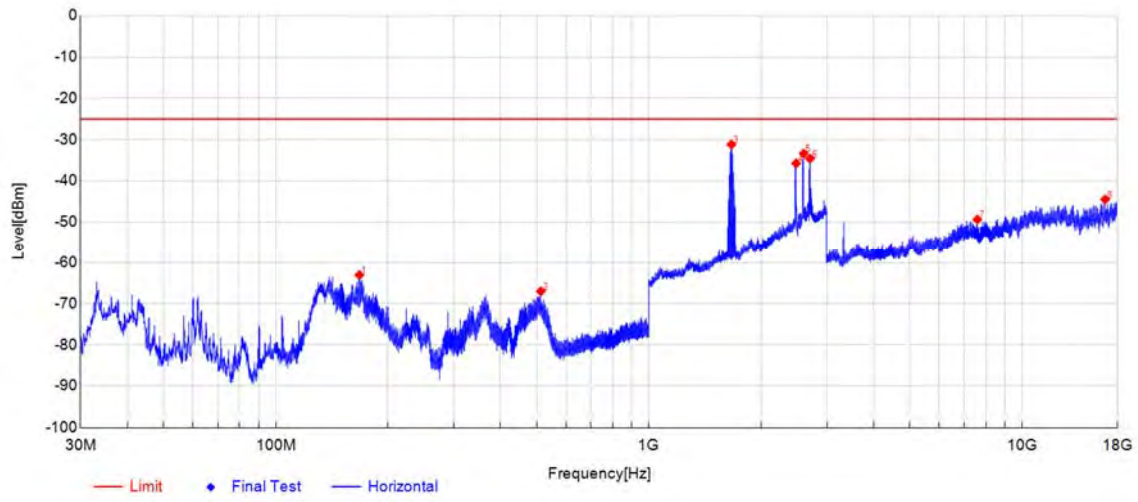
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
2488.2977	-46.16	-36.21	10.0	-25.00	11.21	Horizontal	RMS	PASS



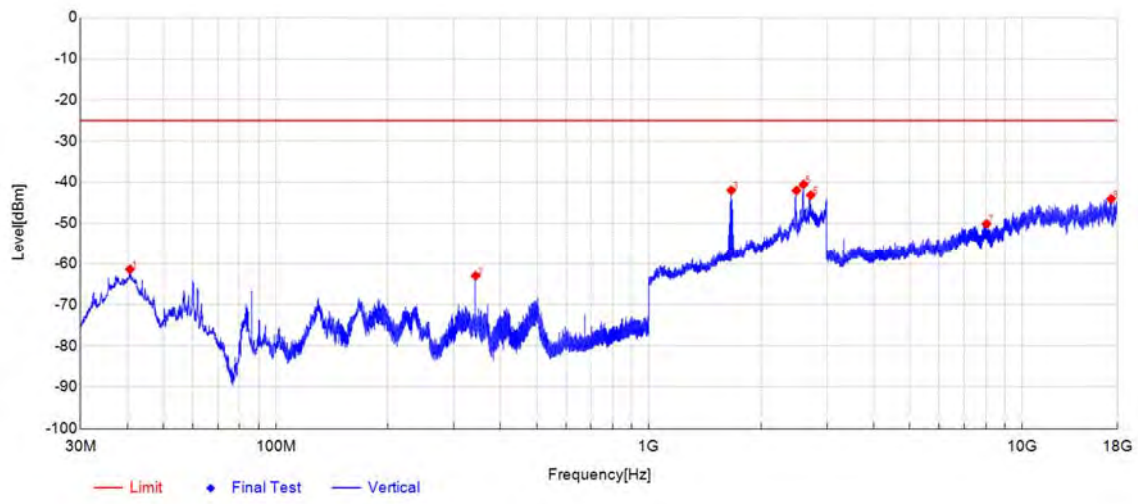
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.2825	-30.41	-52.17	-21.8	-25.0	27.2	Vertical	PK	PASS
471.5661	-48.97	-62.41	-13.4	-25.0	37.4	Vertical	PK	PASS
2484.2969	-34.99	-24.85	10.1	-25.0	-0.2	Vertical	PK	PASS
3000	-60.99	-44.60	16.4	-25.0	19.6	Vertical	PK	PASS
8034.8014	-63.15	-50.16	13.0	-25.0	25.2	Vertical	PK	PASS
17995.199	-68.50	-44.46	24.0	-25.0	19.5	Vertical	PK	PASS

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
2484.2969	-52.32	-42.18	10.1	-25.00	17.18	Vertical	RMS	PASS

Plot for Mid Channel

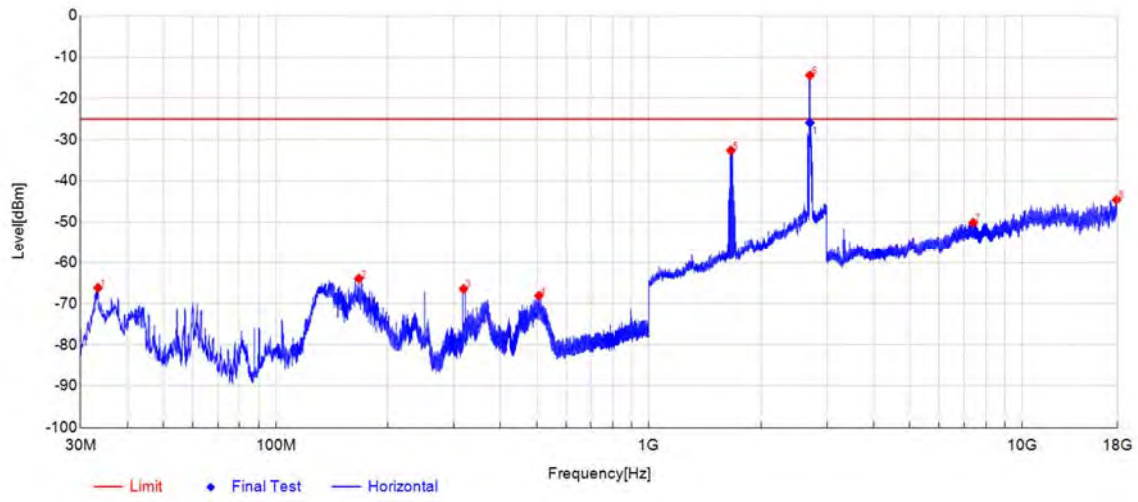


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
167.5529	-39.79	-63.02	-23.2	-25.0	38.0	Horizontal	PK	PASS
513.4237	-55.01	-66.98	-12.0	-25.0	42.0	Horizontal	PK	PASS
1663.7327	-33.08	-31.17	1.9	-25.0	6.2	Horizontal	PK	PASS
2481.0962	-45.78	-35.74	10.0	-25.0	10.7	Horizontal	PK	PASS
2599.1198	-45.94	-33.38	12.6	-	-	Horizontal	PK	NA
2701.9404	-48.14	-34.59	13.6	-25.0	9.6	Horizontal	PK	PASS
7588.3835	-61.14	-49.34	11.8	-25.0	24.3	Horizontal	PK	PASS
16704.428	-69.57	-44.46	25.1	-25.0	19.5	Horizontal	PK	PASS



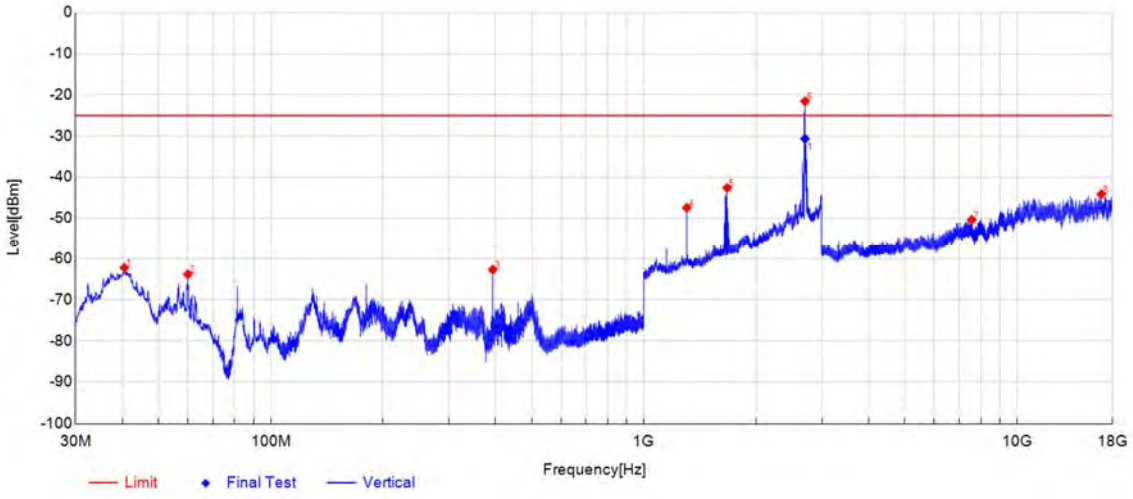
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.6705	-39.75	-61.37	-21.6	-25.0	36.4	Vertical	PK	PASS
343.1802	-46.91	-62.96	-16.1	-25.0	38.0	Vertical	PK	PASS
1662.5325	-43.94	-41.98	2.0	-25.0	17.0	Vertical	PK	PASS
2485.097	-52.15	-42.02	10.1	-25.0	17.0	Vertical	PK	PASS
2598.7197	-52.06	-40.51	11.6	-	-	Vertical	PK	NA
2714.3429	-56.28	-43.15	13.1	-25.0	18.2	Vertical	PK	PASS
8030.4812	-63.11	-50.12	13.0	-25.0	25.1	Vertical	PK	PASS
17316.932	-68.69	-44.07	24.6	-25.0	19.1	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
33.3952	-51.00	-66.16	-15.2	-25.0	41.2	Horizontal	PK	PASS
167.0194	-40.60	-63.92	-23.3	-25.0	38.9	Horizontal	PK	PASS
318.5894	-48.81	-66.41	-17.6	-25.0	41.4	Horizontal	PK	PASS
507.3609	-55.93	-68.09	-12.2	-25.0	43.1	Horizontal	PK	PASS
1658.9318	-34.53	-32.63	1.9	-25.0	7.6	Horizontal	PK	PASS
2701.9404	-27.99	-14.44	13.6	-25.0	-10.6	Horizontal	PK	PASS
7398.776	-62.41	-50.12	12.3	-25.0	25.1	Horizontal	PK	PASS
17917.916	-68.97	-44.60	24.4	-25.0	19.6	Horizontal	PK	PASS

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
2701.9404	-39.45	-25.90	13.6	-25.00	0.90	Horizontal	RMS	PASS

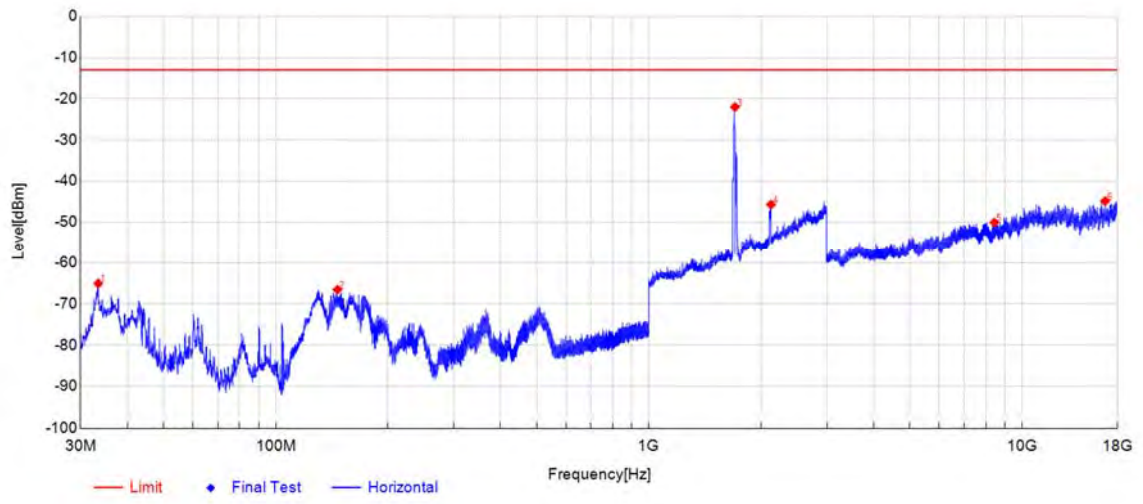


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.525	-40.53	-62.20	-21.7	-25.0	37.2	Vertical	PK	PASS
59.9745	-45.66	-63.82	-18.2	-25.0	38.8	Vertical	PK	PASS
393.4772	-47.76	-62.69	-14.9	-25.0	37.7	Vertical	PK	PASS
1303.6607	-46.74	-47.42	-0.7	-25.0	22.4	Vertical	PK	PASS
1671.7343	-44.75	-42.60	2.2	-25.0	17.6	Vertical	PK	PASS
2702.3405	-34.81	-21.57	13.2	-25.0	-3.4	Vertical	PK	PASS
7560.0624	-61.79	-50.34	11.5	-25.0	25.3	Vertical	PK	PASS
16821.552	-70.01	-44.12	25.9	-25.0	19.1	Vertical	PK	PASS

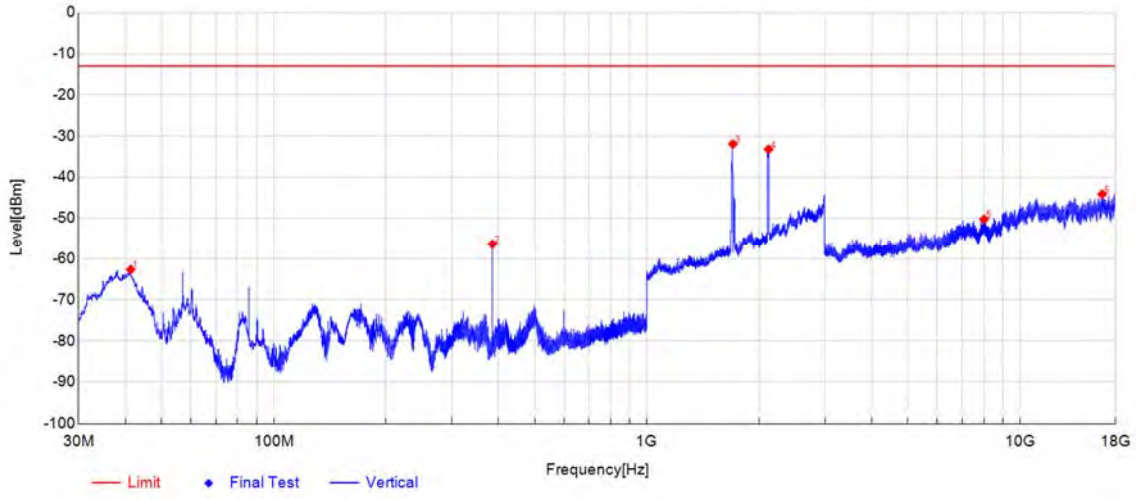
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
2702.3405	-43.88	-30.64	13.2	-25.00	5.64	Vertical	RMS	PASS

LTE Band 66

Plot for Low Channel

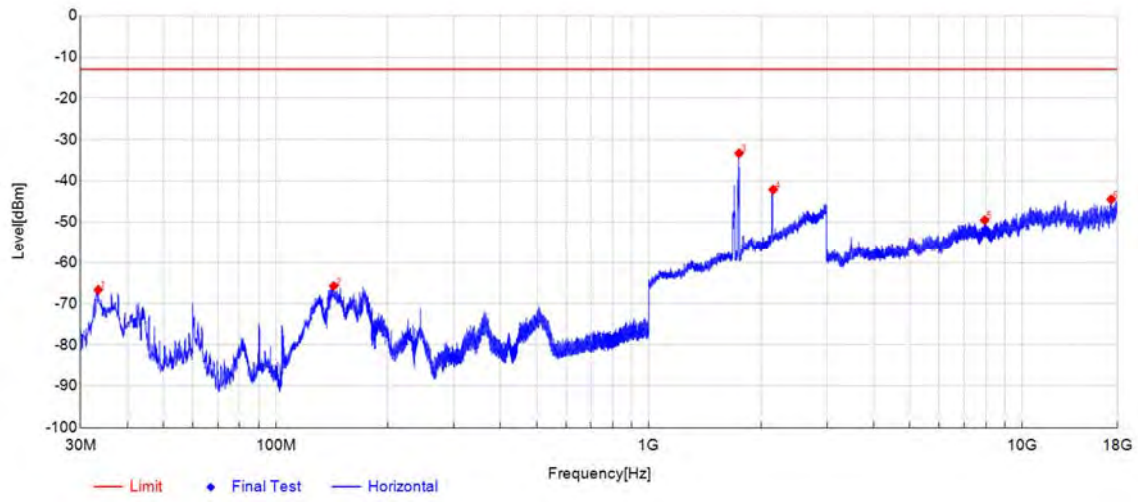


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
33.4437	-49.82	-65.06	-15.2	-13.0	52.1	Horizontal	PK	PASS
146.3088	-41.06	-66.57	-25.5	-13.0	53.6	Horizontal	PK	PASS
1700.9402	-25.34	-21.99	3.4	-13.0	9.0	Horizontal	PK	PASS
2123.8248	-51.62	-45.69	5.9	-	-	Horizontal	PK	NA
8427.9371	-63.63	-50.06	13.6	-13.0	37.1	Horizontal	PK	PASS
16697.707	-69.97	-44.83	25.1	-13.0	31.8	Horizontal	PK	PASS

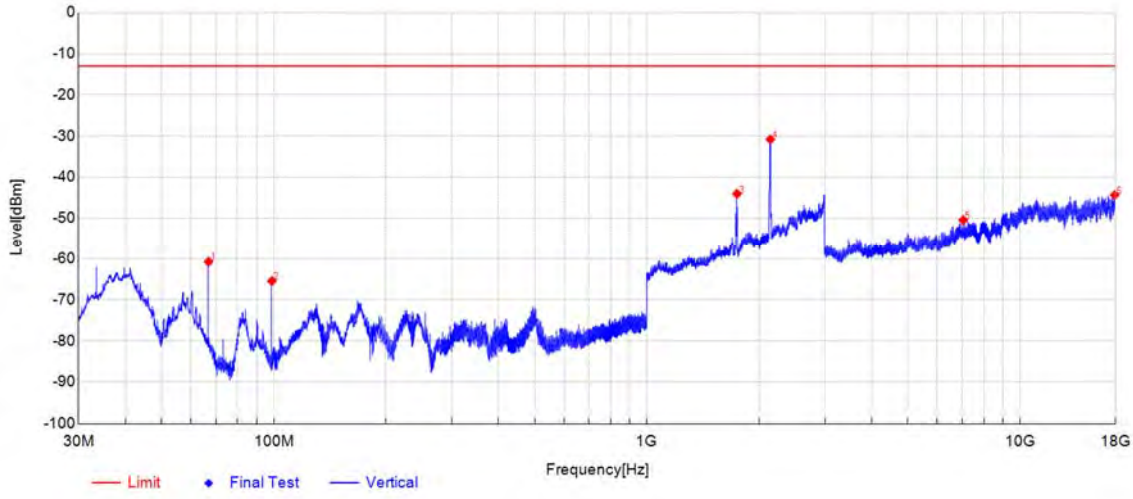


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
41.3496	-41.21	-62.65	-21.4	-13.0	49.7	Vertical	PK	PASS
385.5713	-41.20	-56.37	-15.2	-13.0	43.4	Vertical	PK	PASS
1699.7399	-35.41	-31.95	3.5	-13.0	19.0	Vertical	PK	PASS
2119.0238	-38.98	-33.22	5.8	-	-	Vertical	PK	NA
8006.0002	-63.22	-50.24	13.0	-13.0	37.2	Vertical	PK	PASS
16603.144	-70.06	-44.13	25.9	-13.0	31.1	Vertical	PK	PASS

Plot for Mid Channel

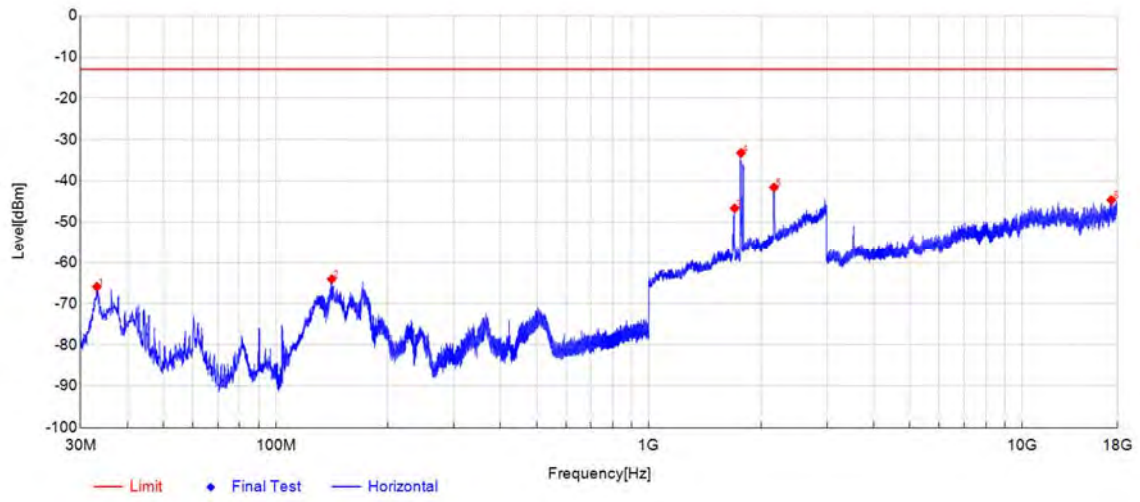


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
33.4437	-51.37	-66.61	-15.2	-13.0	53.6	Horizontal	PK	PASS
142.9621	-40.05	-65.70	-25.7	-13.0	52.7	Horizontal	PK	PASS
1744.949	-36.28	-33.32	3.0	-	-	Horizontal	PK	NA
2153.4307	-48.13	-42.10	6.0	-	-	Horizontal	PK	NA
7939.2776	-62.63	-49.51	13.1	-13.0	36.5	Horizontal	PK	PASS
17335.653	-68.78	-44.48	24.3	-13.0	31.5	Horizontal	PK	PASS

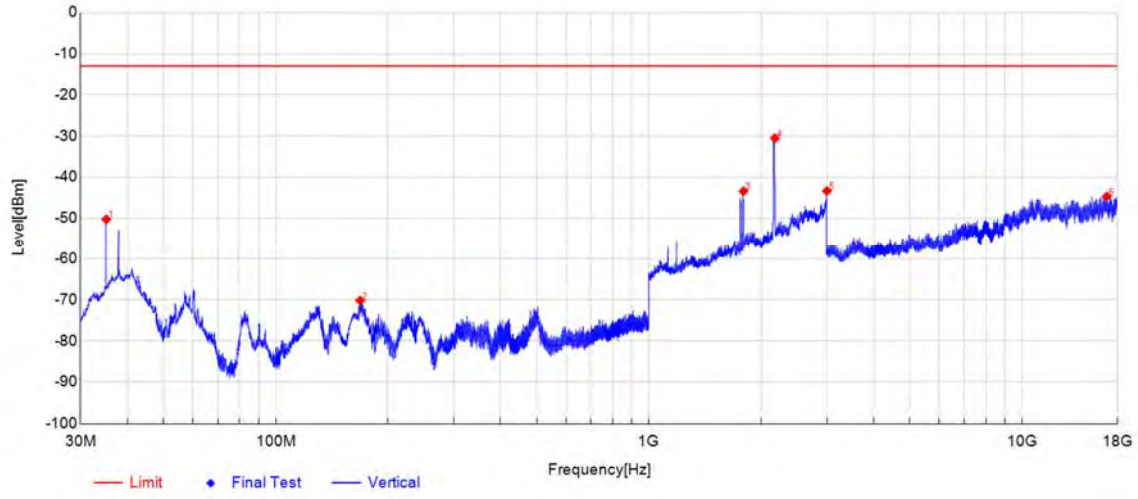


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
66.9103	-40.80	-60.74	-19.9	-13.0	47.7	Vertical	PK	PASS
98.8734	-43.95	-65.44	-21.5	-13.0	52.4	Vertical	PK	PASS
1743.7488	-47.48	-44.03	3.5	-	-	Vertical	PK	NA
2143.0286	-36.64	-30.80	5.8	-	-	Vertical	PK	NA
7041.6417	-61.39	-50.41	11.0	-13.0	37.4	Vertical	PK	PASS
17927.517	-68.77	-44.33	24.4	-13.0	31.3	Vertical	PK	PASS

Plot for High Channel



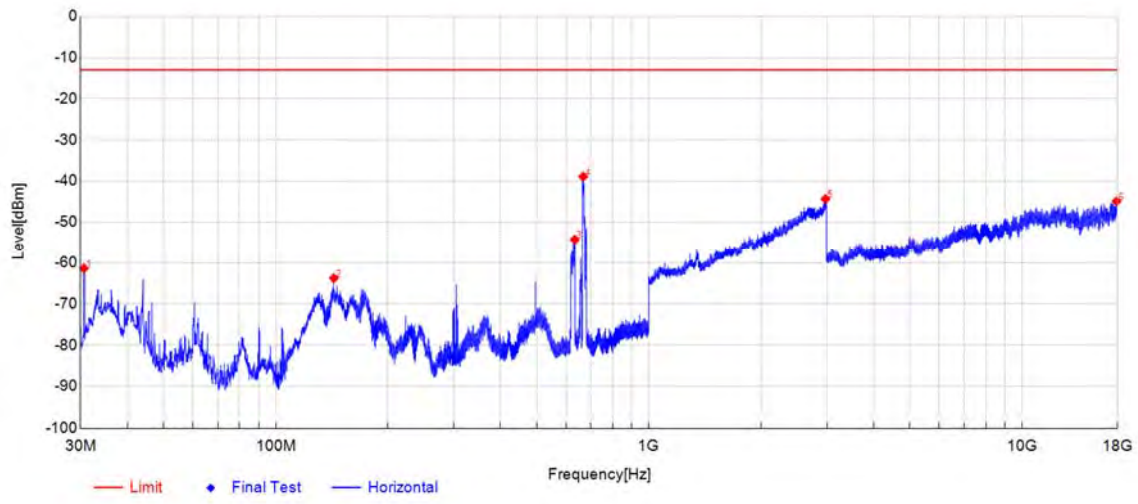
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
33.1527	-50.67	-65.90	-15.2	-13.0	52.9	Horizontal	PK	PASS
141.2161	-38.32	-64.04	-25.7	-13.0	51.0	Horizontal	PK	PASS
1696.9394	-49.78	-46.63	3.2	-13.0	33.6	Horizontal	PK	PASS
1764.953	-36.58	-33.24	3.3	-	-	Horizontal	PK	NA
2163.4327	-47.98	-41.57	6.4	-	-	Horizontal	PK	NA
17353.414	-69.04	-44.61	24.4	-13.0	31.6	Horizontal	PK	PASS



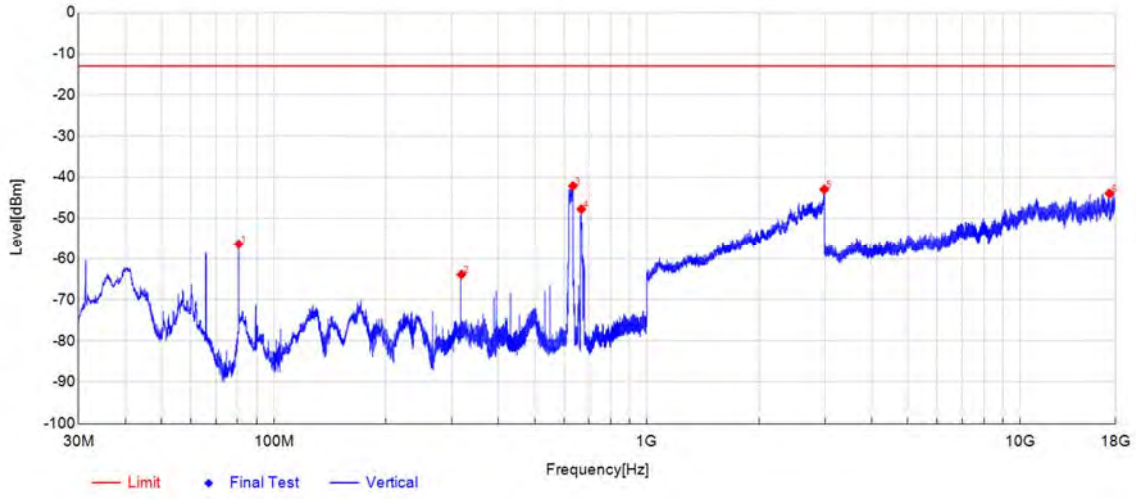
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
35.1413	-26.71	-50.23	-23.5	-13.0	37.2	Vertical	PK	PASS
168.3289	-47.36	-70.22	-22.9	-13.0	57.2	Vertical	PK	PASS
1792.5585	-47.07	-43.41	3.7	-13.0	30.4	Vertical	PK	PASS
2176.6353	-37.07	-30.52	6.6	-	-	Vertical	PK	NA
2999.1998	-59.98	-43.34	16.6	-13.0	30.3	Vertical	PK	PASS
16861.394	-70.85	-44.70	26.2	-13.0	31.7	Vertical	PK	PASS

LTE Band 71

Plot for Low Channel

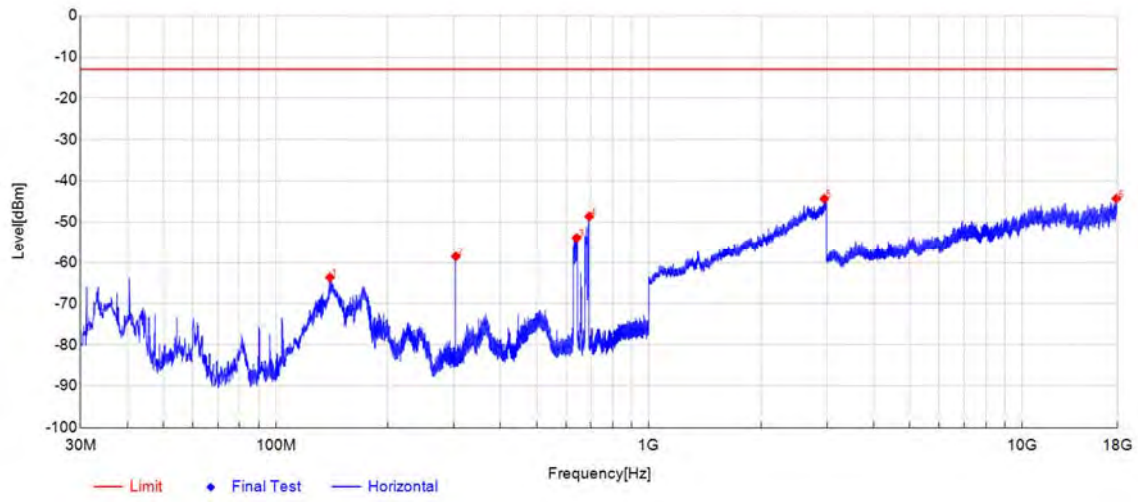


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
30.6305	-46.36	-61.39	-15.0	-13.0	48.4	Horizontal	PK	PASS
143.0592	-38.28	-63.79	-25.5	-13.0	50.8	Horizontal	PK	PASS
632.7881	-45.57	-54.23	-8.7	-	-	Horizontal	PK	NA
666.4973	-30.78	-38.91	-8.1	-	-	Horizontal	PK	NA
2972.3945	-59.25	-44.34	14.9	-13.0	31.3	Horizontal	PK	PASS
17912.636	-69.31	-44.90	24.4	-13.0	31.9	Horizontal	PK	PASS

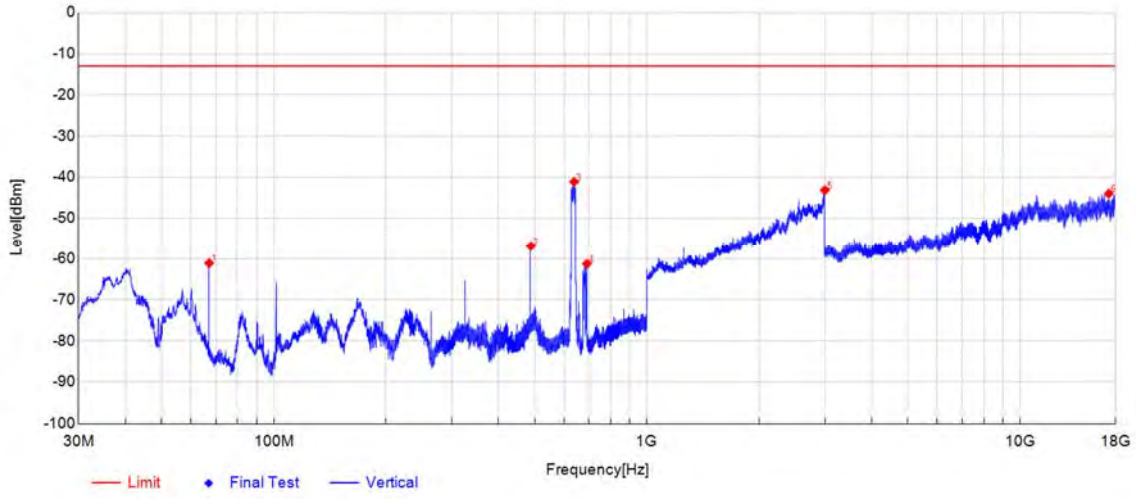


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
80.588	-33.30	-56.37	-23.1	-13.0	43.4	Vertical	PK	PASS
318.2984	-48.17	-63.89	-15.7	-13.0	50.9	Vertical	PK	PASS
633.4672	-33.61	-42.14	-8.5	-	-	Vertical	PK	NA
667.2734	-39.35	-47.75	-8.4	-	-	Vertical	PK	NA
2989.1978	-59.33	-42.95	16.4	-13.0	30.0	Vertical	PK	PASS
17357.734	-68.66	-43.93	24.7	-13.0	30.9	Vertical	PK	PASS

Plot for Mid Channel

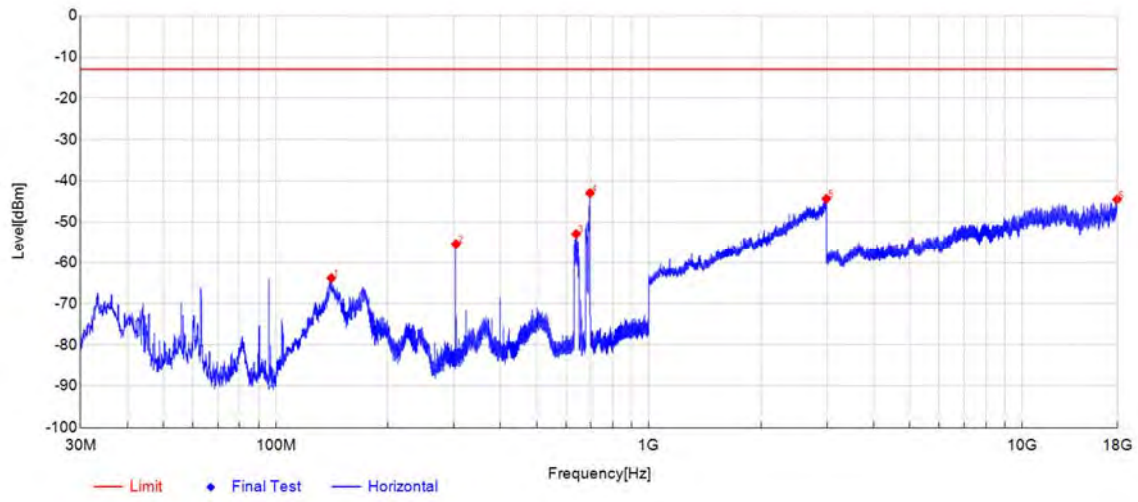


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
139.761	-37.96	-63.60	-25.6	-13.0	50.6	Horizontal	PK	PASS
303.6507	-40.26	-58.48	-18.2	-13.0	45.5	Horizontal	PK	PASS
640.0635	-45.26	-53.82	-8.6	-	-	Horizontal	PK	NA
691.8641	-40.69	-48.61	-7.9	-	-	Horizontal	PK	NA
2949.99	-59.09	-44.32	14.8	-13.0	31.3	Horizontal	PK	PASS
17893.435	-68.76	-44.29	24.5	-13.0	31.3	Horizontal	PK	PASS

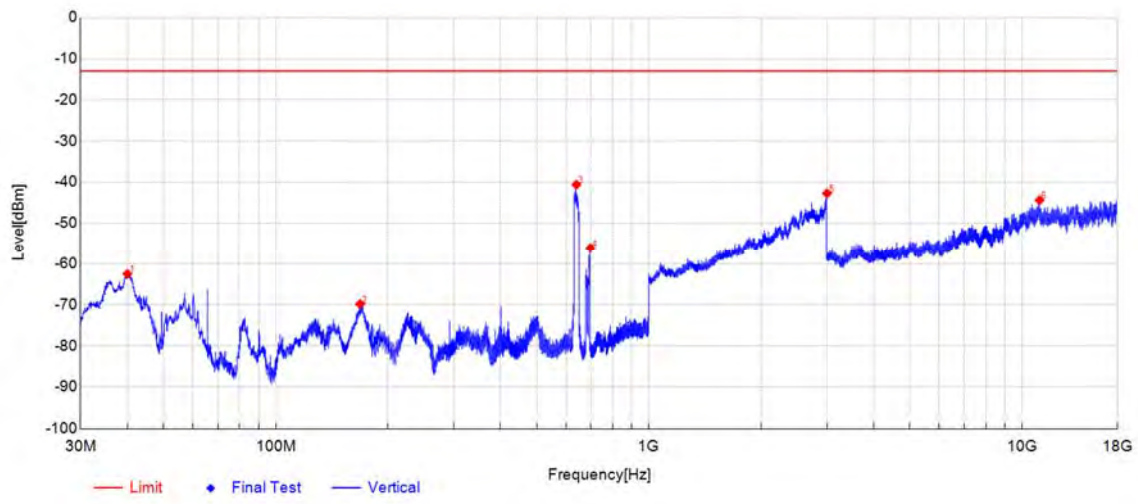


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
67.1529	-41.17	-61.08	-19.9	-13.0	48.1	Vertical	PK	PASS
488.6389	-44.62	-56.87	-12.3	-13.0	43.9	Vertical	PK	PASS
638.0264	-32.61	-41.10	-8.5	-	-	Vertical	PK	NA
691.0396	-52.94	-61.25	-8.3	-	-	Vertical	PK	NA
2997.9996	-60.62	-43.14	17.5	-13.0	30.1	Vertical	PK	PASS
17292.451	-68.53	-43.99	24.5	-13.0	31.0	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
140.925	-38.19	-63.78	-25.6	-13.0	50.8	Horizontal	PK	PASS
303.9902	-37.10	-55.31	-18.2	-13.0	42.3	Horizontal	PK	PASS
638.0749	-44.27	-52.86	-8.6	-	-	Horizontal	PK	NA
695.2593	-35.01	-42.94	-7.9	-	-	Horizontal	PK	NA
2988.3977	-59.43	-44.32	15.1	-13.0	31.3	Horizontal	PK	PASS
17970.718	-68.51	-44.50	24.0	-13.0	31.5	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
40.04	-40.83	-62.51	-21.7	-13.0	49.5	Vertical	PK	PASS
168.2319	-47.34	-69.83	-22.5	-13.0	56.8	Vertical	PK	PASS
638.9964	-32.12	-40.59	-8.5	-	-	Vertical	PK	NA
696.6658	-47.87	-56.09	-8.2	-	-	Vertical	PK	NA
3000	-60.43	-42.70	17.7	-13.0	29.7	Vertical	PK	PASS
11137.165	-66.10	-44.35	21.8	-13.0	31.4	Vertical	PK	PASS

Annex A Test Uncertainty

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

Test Items	Uncertainty
Output Power	±2.22 dB
Bandwidth	±5%
Conducted Spurious Emission	±2.77 dB
Band Edge	±2.77 dB
Equivalent Isotropic Radiated Power	±2.22 dB
Radiated Spurious Emissions	±6 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 C63.10-2013and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.

4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY51511149	N9020A	Agilent	2024.06.19	2025.06.18
Communication Test Station	6200995016	MT8820C	Anritsu	2024.09.11	2025.09.10
Temperature Chamber	S022177101 00089002	KMT-36LF1A0	KOMEG	2024.09.11	2025.09.10

4.2 List of Software Used

Description	Manufacturer	Software Version
MOE-2023E Test System	MORLAB	V7.99
TS+ -[JS36-RSE]	Tonscend	5.0.0

4.3 Radiated Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
System Simulator	152038	CMW500	R&S	2024.09.11	2025.09.10
Receiver	MY56060145	N9020A	Agilent	2024.05.30	2025.05.29
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2024.06.22	2025.06.21
Test Antenna - Horn	9120D-963	BBHA 9120D	Schwarzbeck	2024.06.22	2025.06.21
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2024.05.30	2025.05.29
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.07.03	2025.07.02
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.07.03	2025.07.02
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2024.05.30	2025.05.29
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2024.05.30	2025.05.29
Notch Filter	N/A	WRCGV -LTE B2	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B4	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B5	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B7	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B12	Wainwright	N/A	N/A

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Notch Filter	N/A	WRCGV -LTE 13	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B17	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B18	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B19	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B25	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE 26	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B30	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B41	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE B66	Wainwright	N/A	N/A
Notch Filter	N/A	WRCGV -LTE 71	Wainwright	N/A	N/A
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.04.19	2028.04.18
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

END OF REPORT