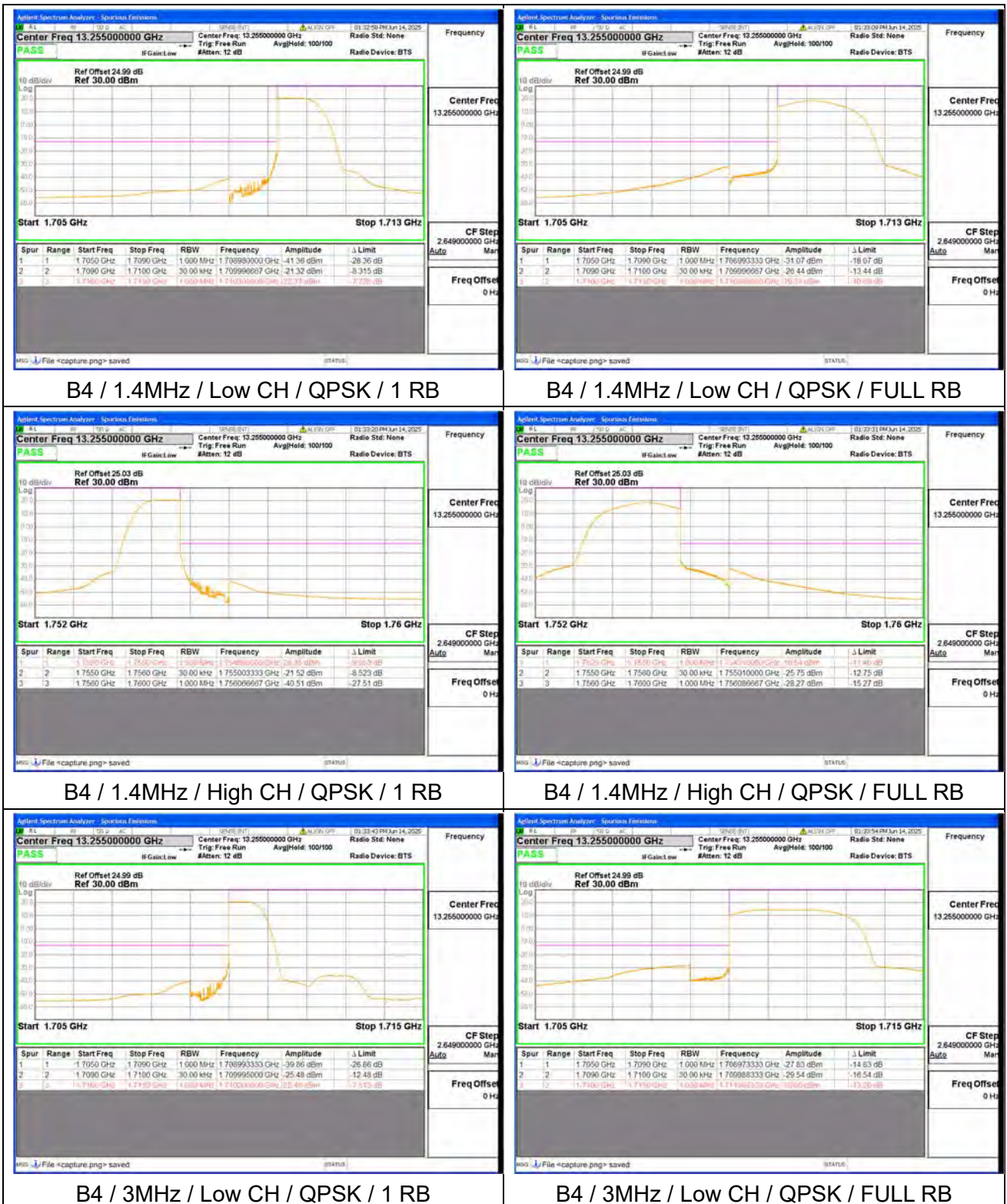
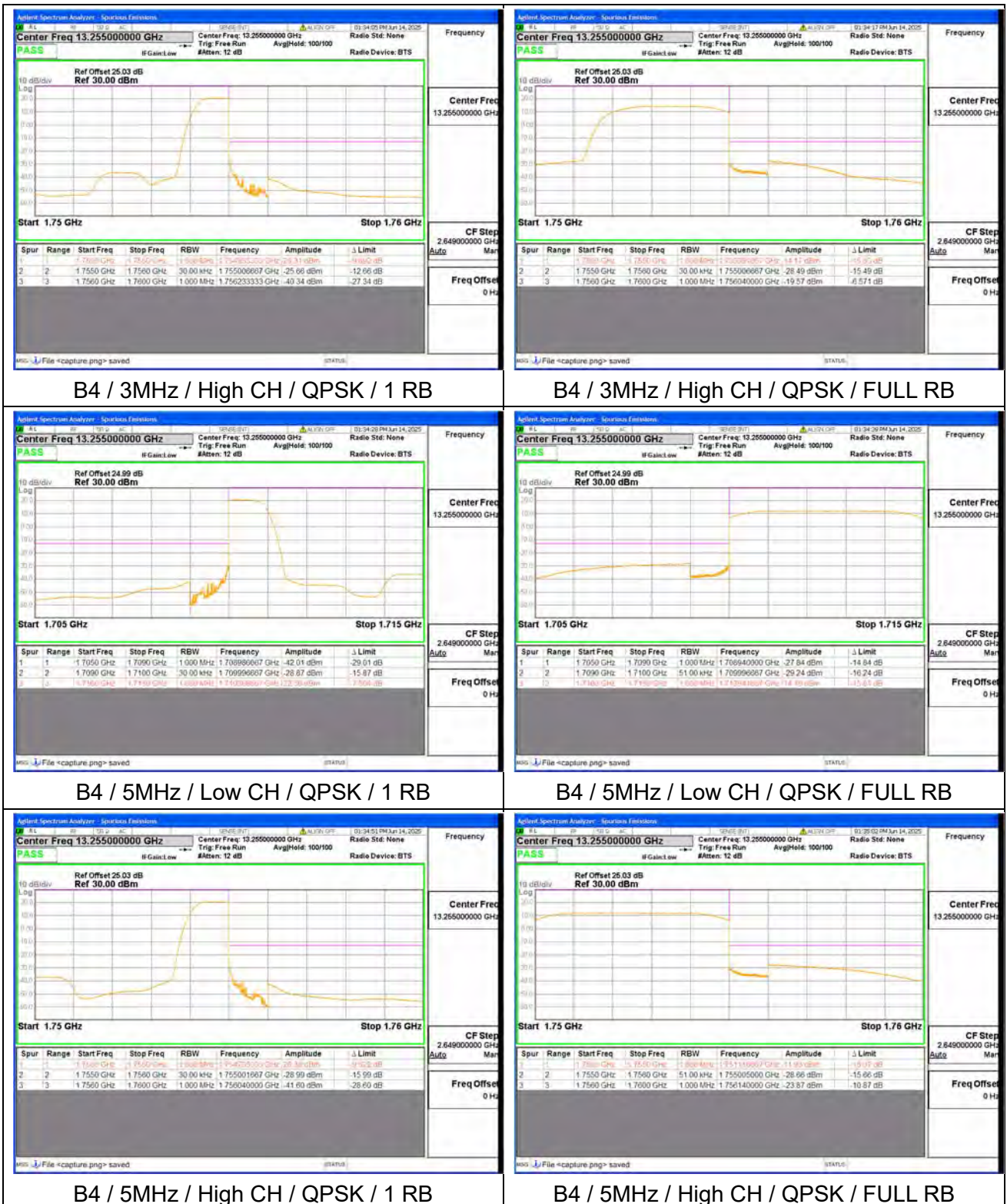
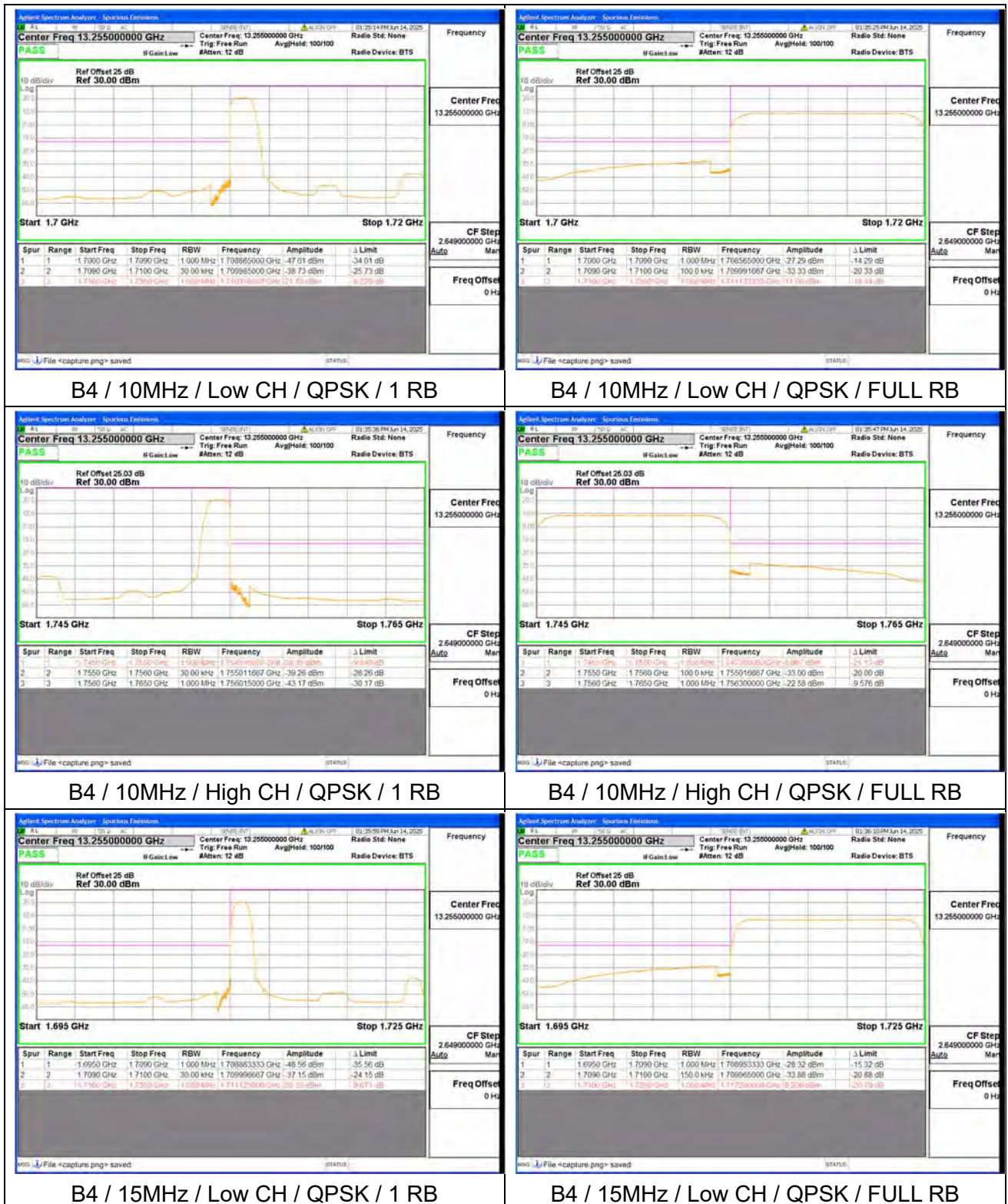


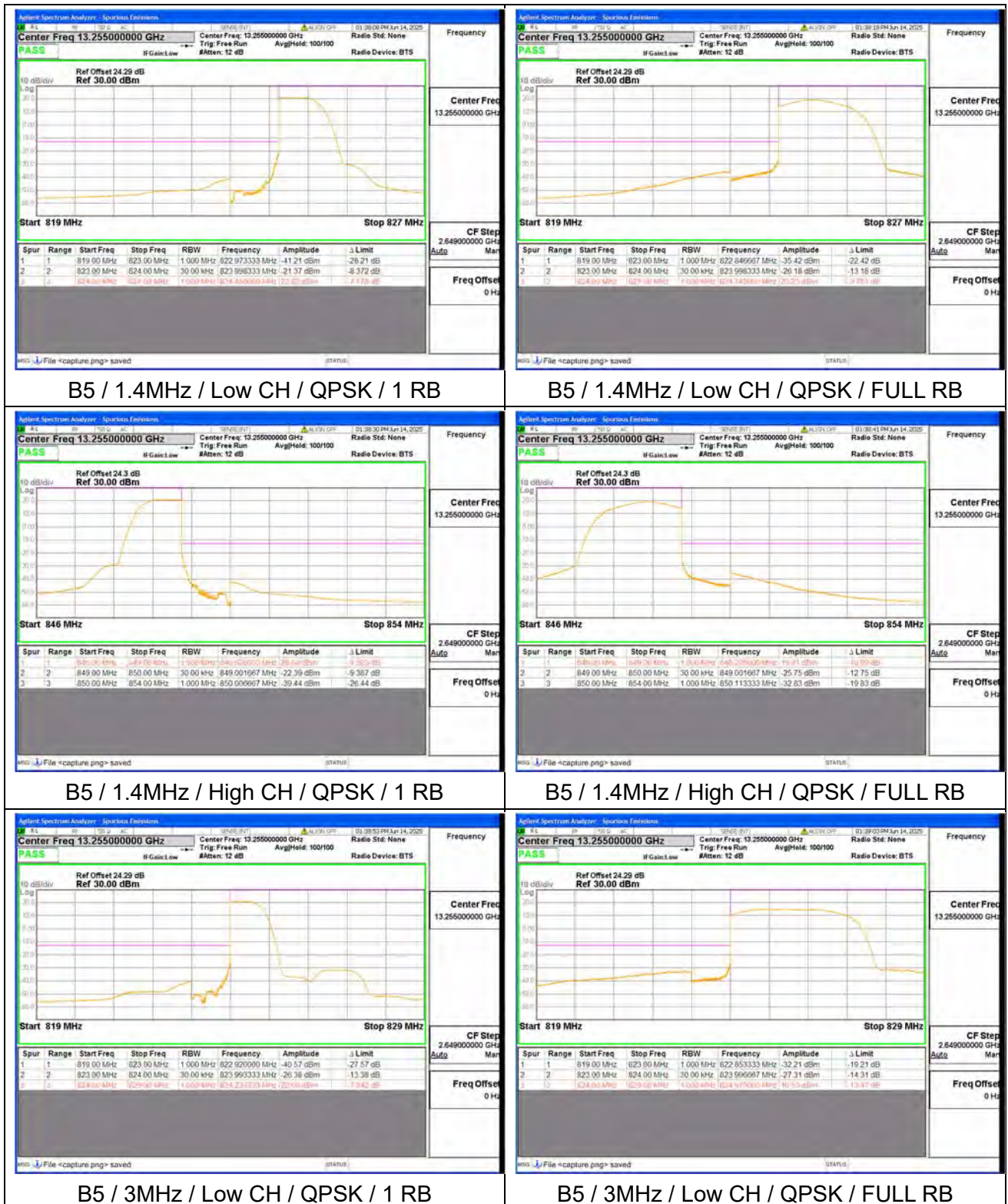












B5 / 1.4MHz / Low CH / QPSK / 1 RB

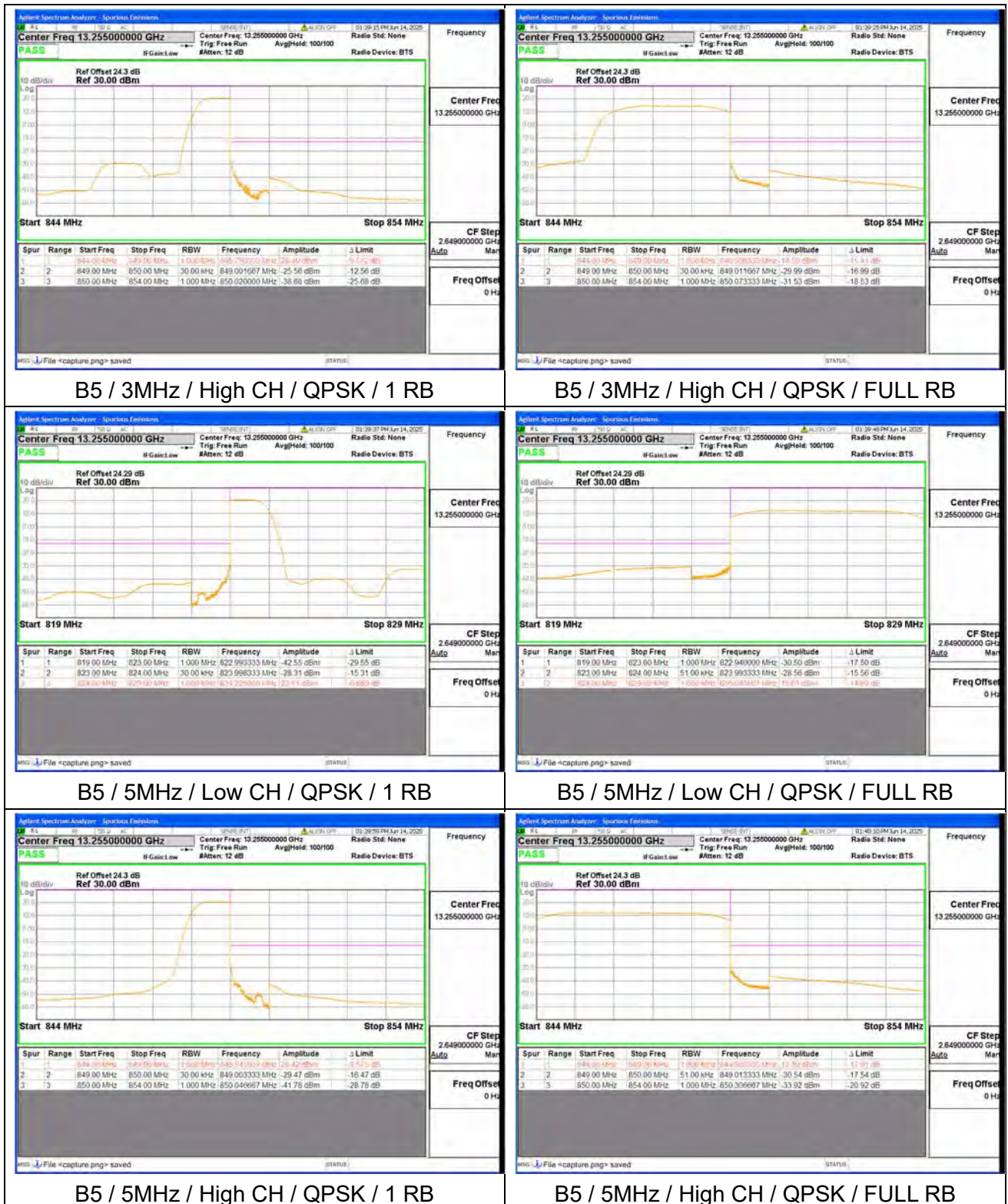
B5 / 1.4MHz / Low CH / QPSK / FULL RB

B5 / 1.4MHz / High CH / QPSK / 1 RB

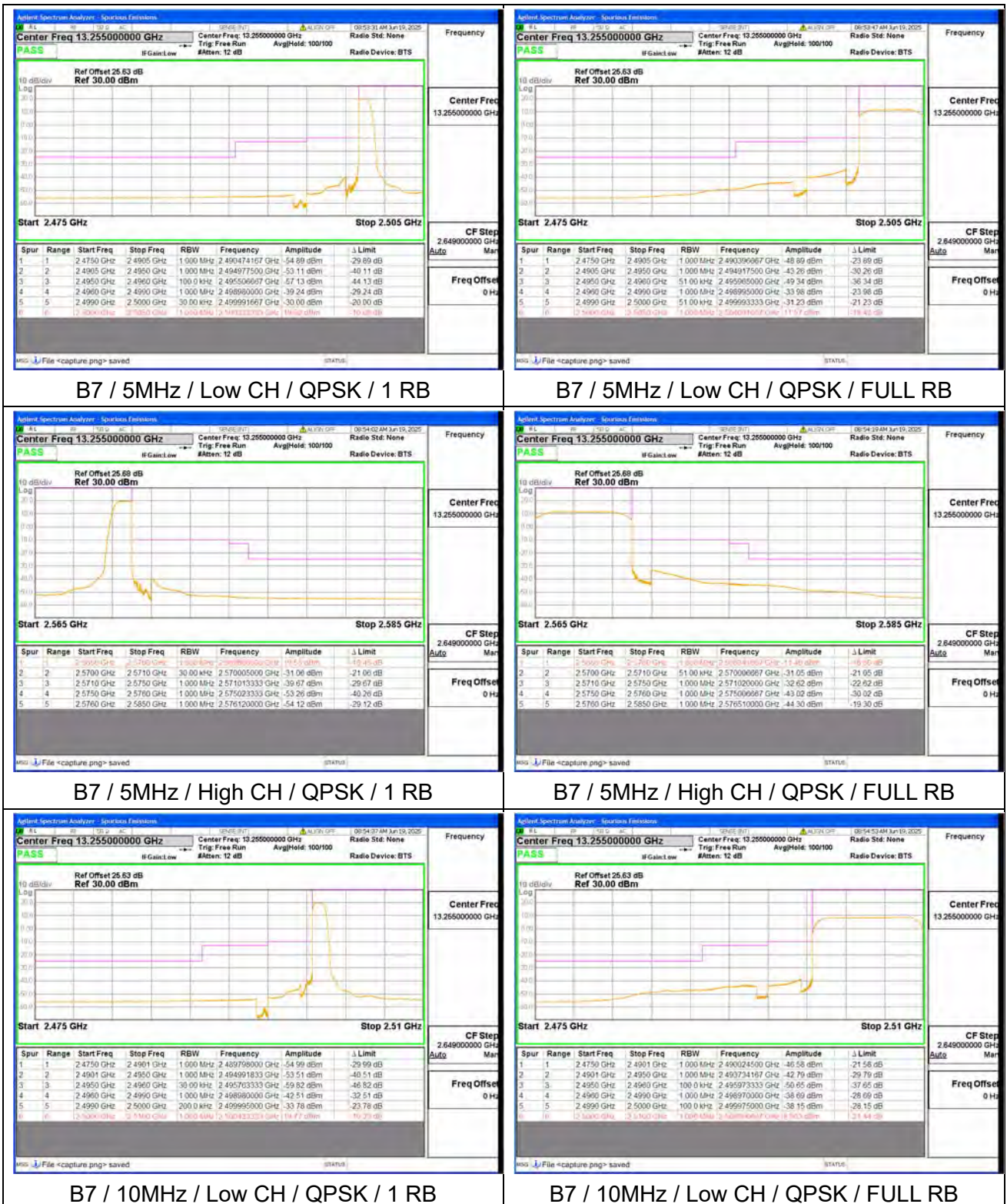
B5 / 1.4MHz / High CH / QPSK / FULL RB

B5 / 3MHz / Low CH / QPSK / 1 RB

B5 / 3MHz / Low CH / QPSK / FULL RB

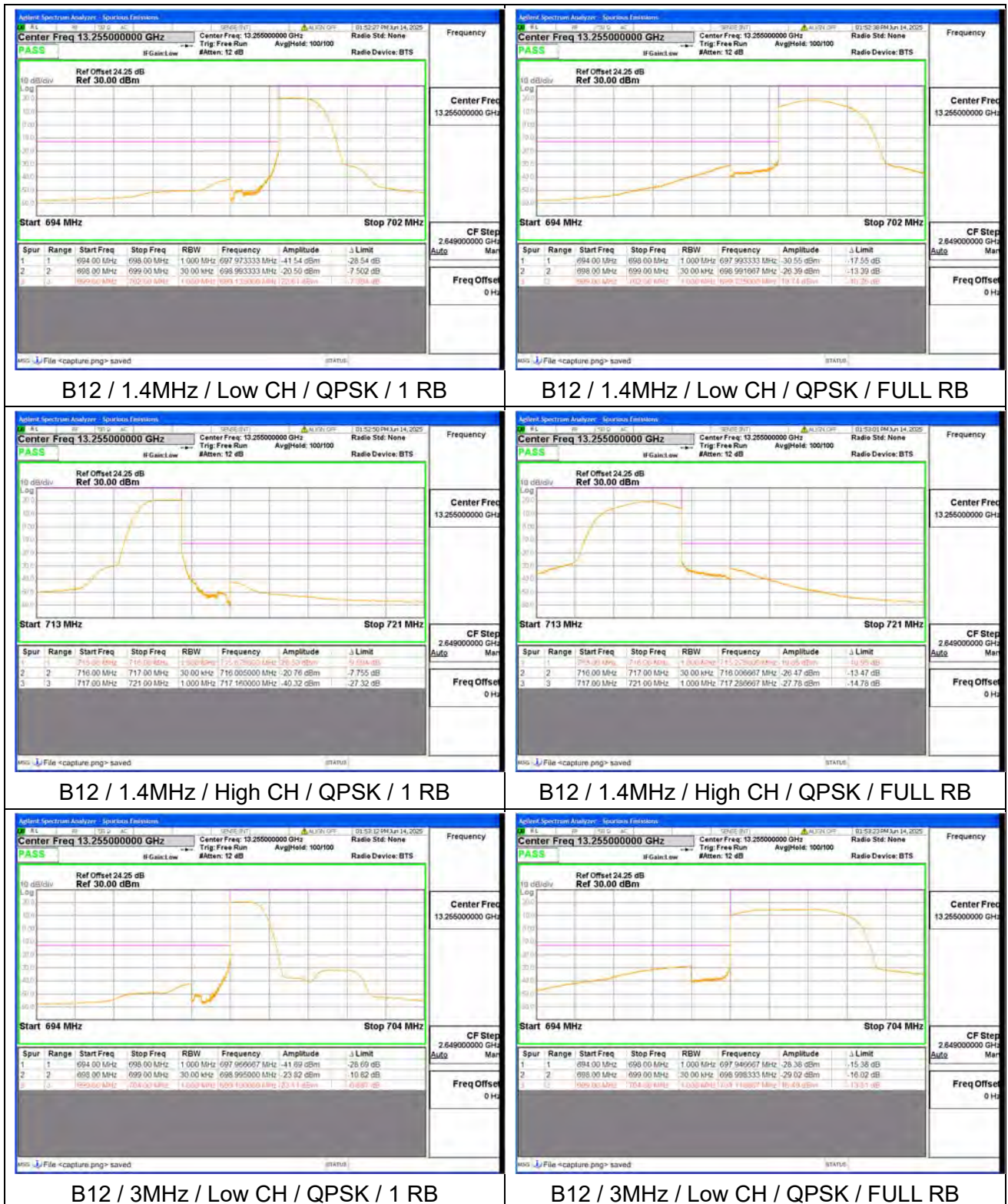


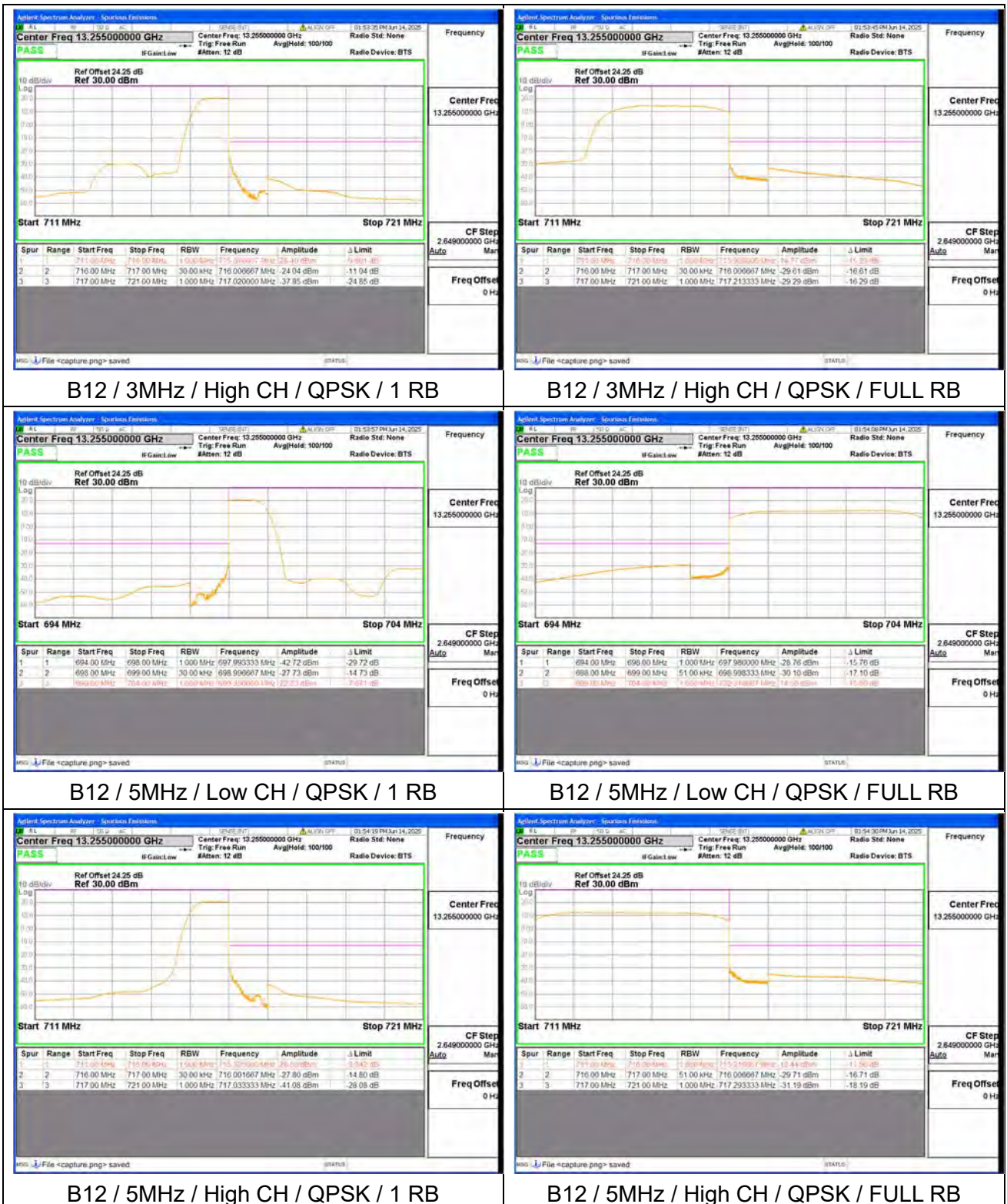






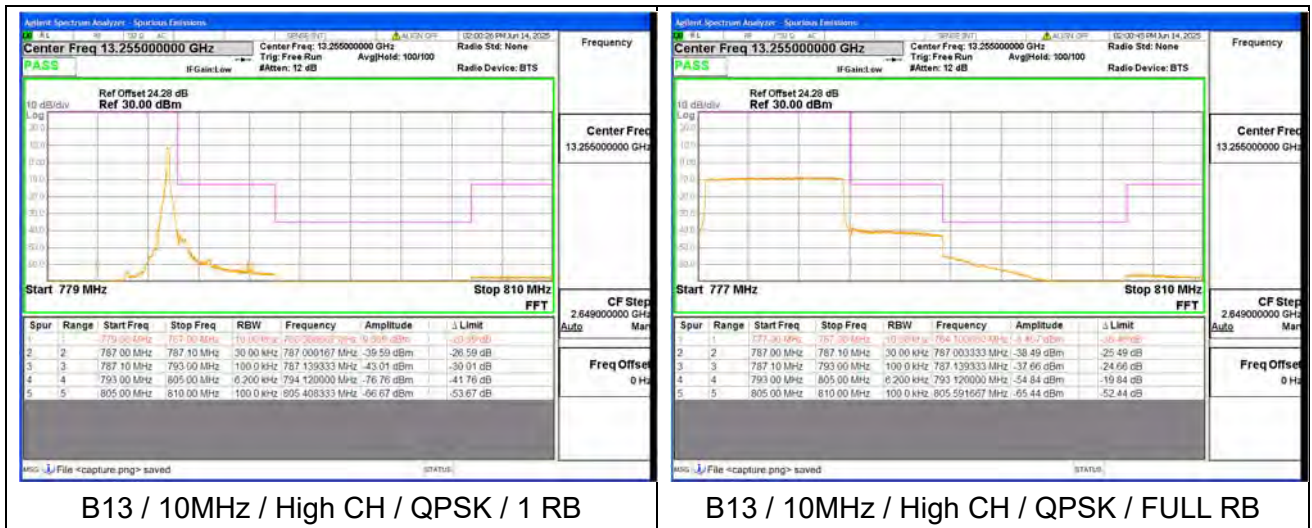


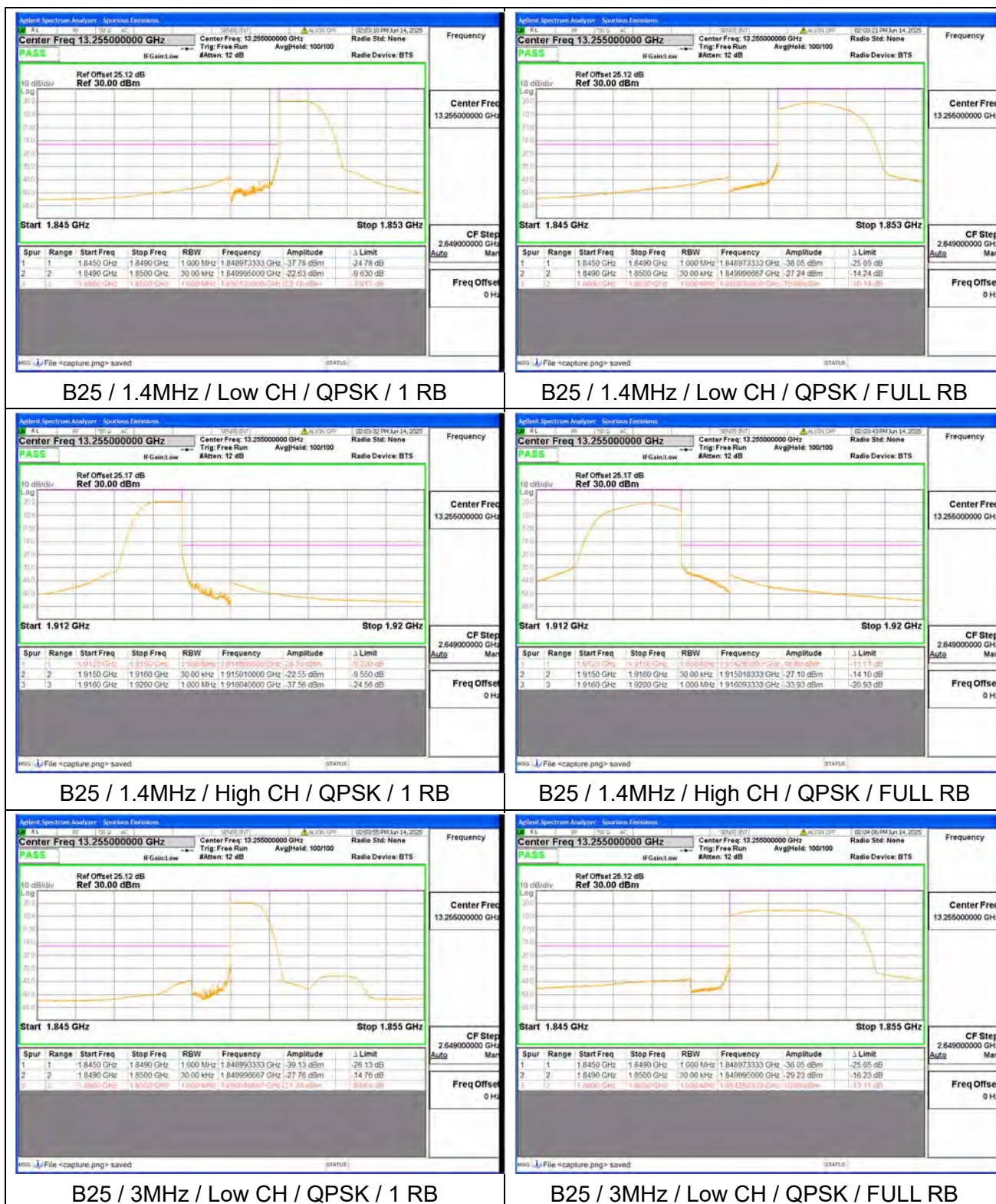




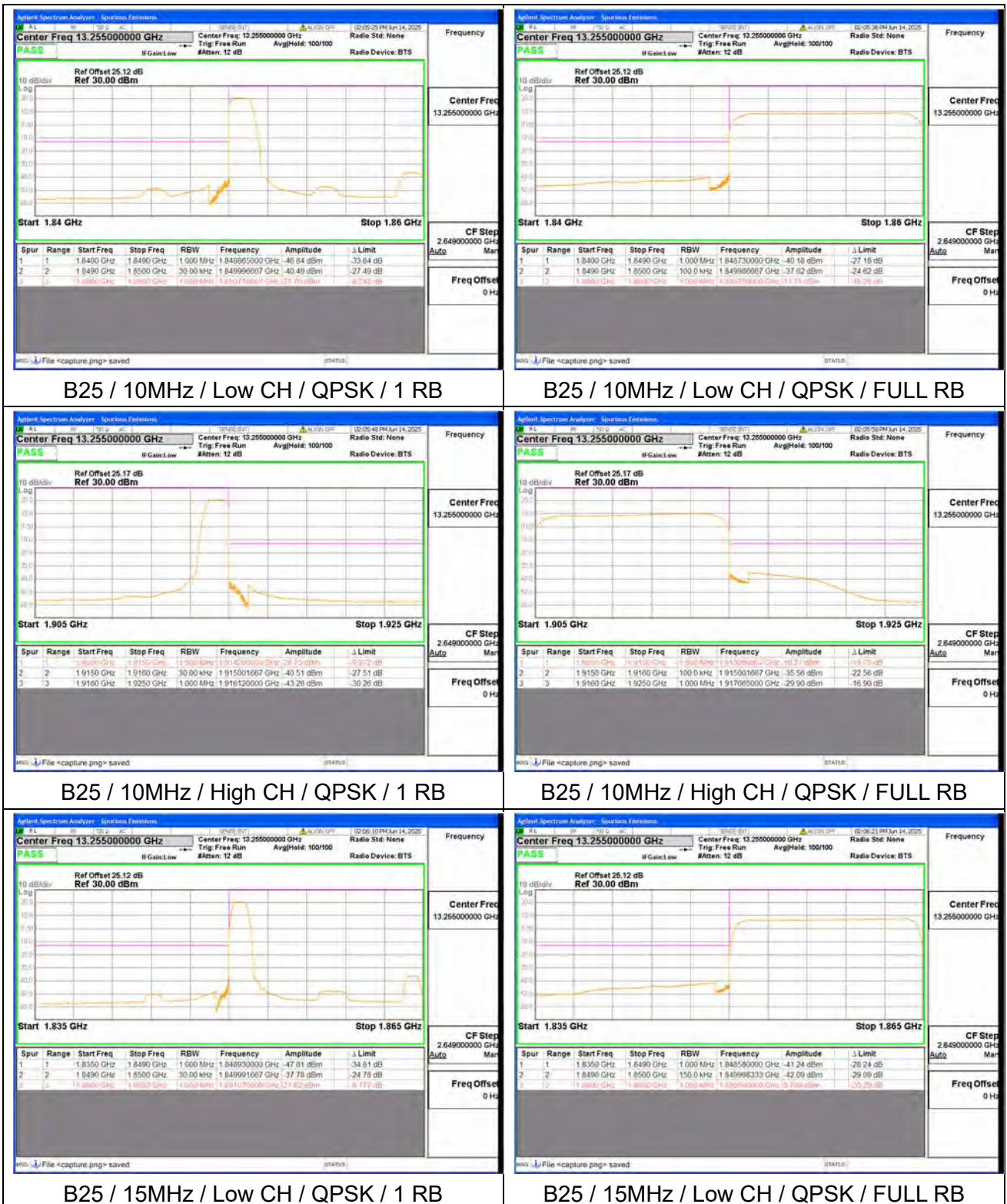




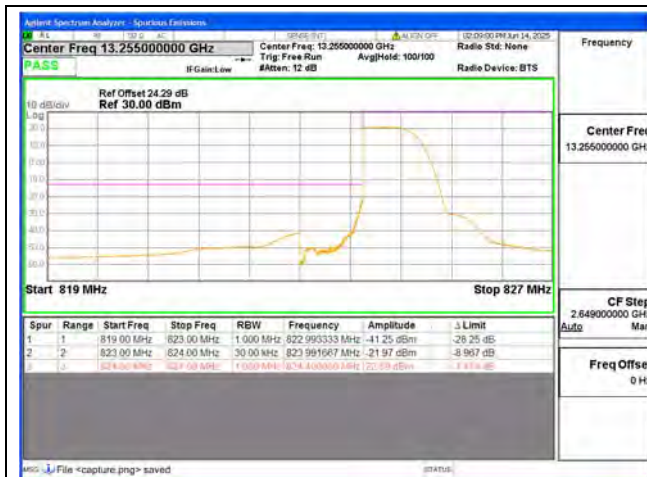








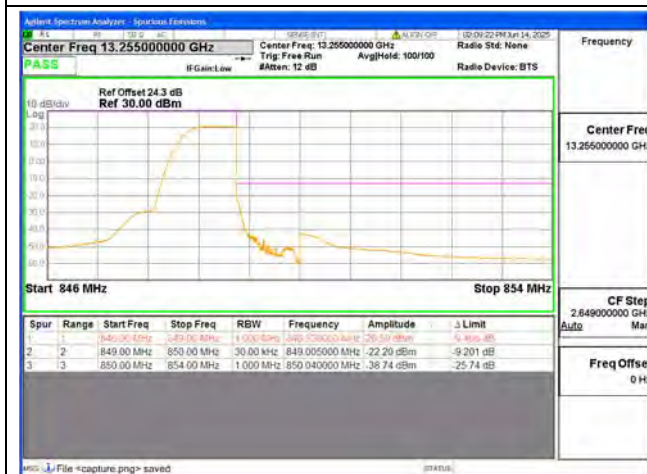




B26 Part22 / 1.4MHz / Low CH / QPSK / 1 RB



B26 Part22 / 1.4MHz / Low CH / QPSK / FULL RB



B26 Part22 / 1.4MHz / High CH / QPSK / 1 RB



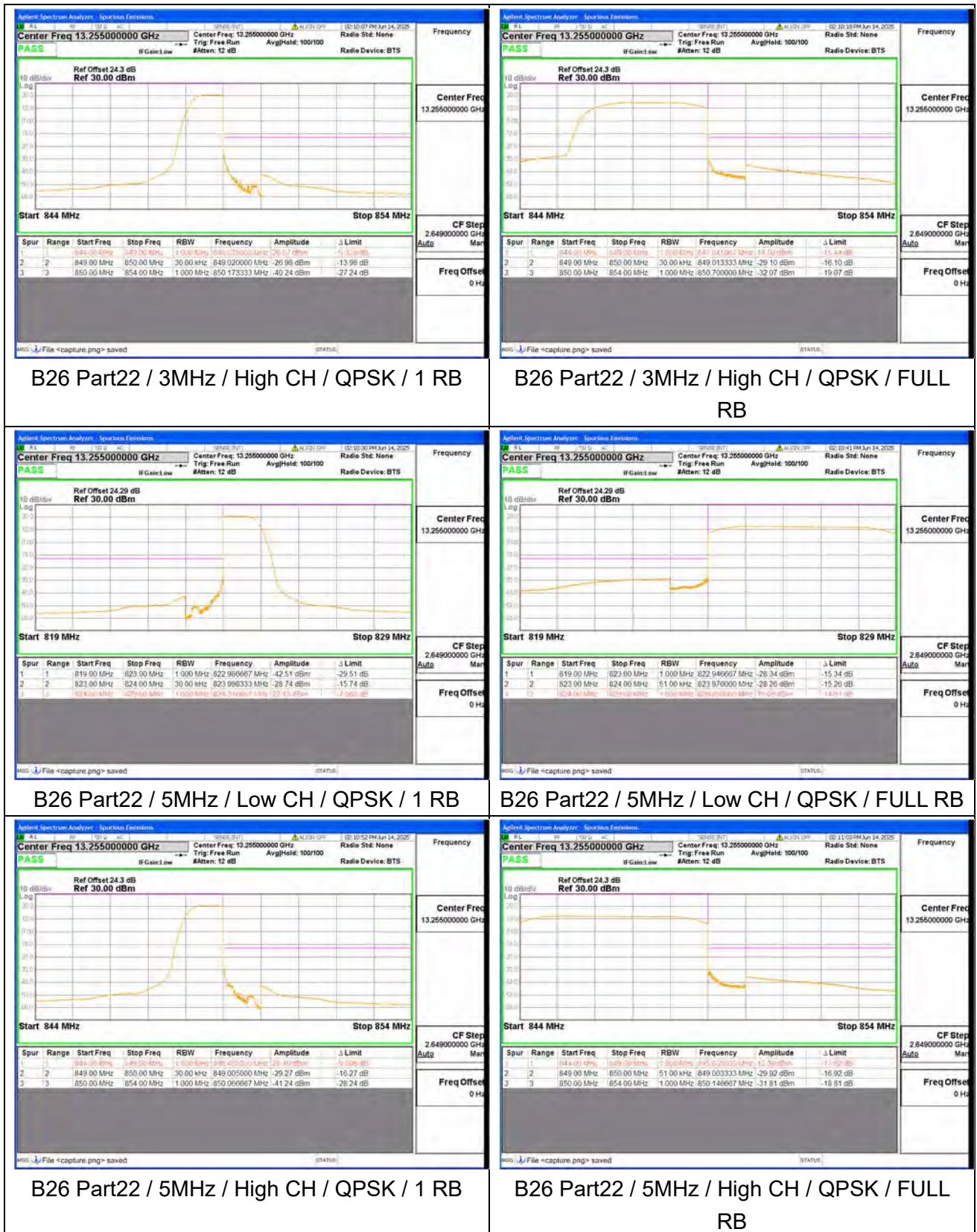
B26 Part22 / 1.4MHz / High CH / QPSK / FULL RB

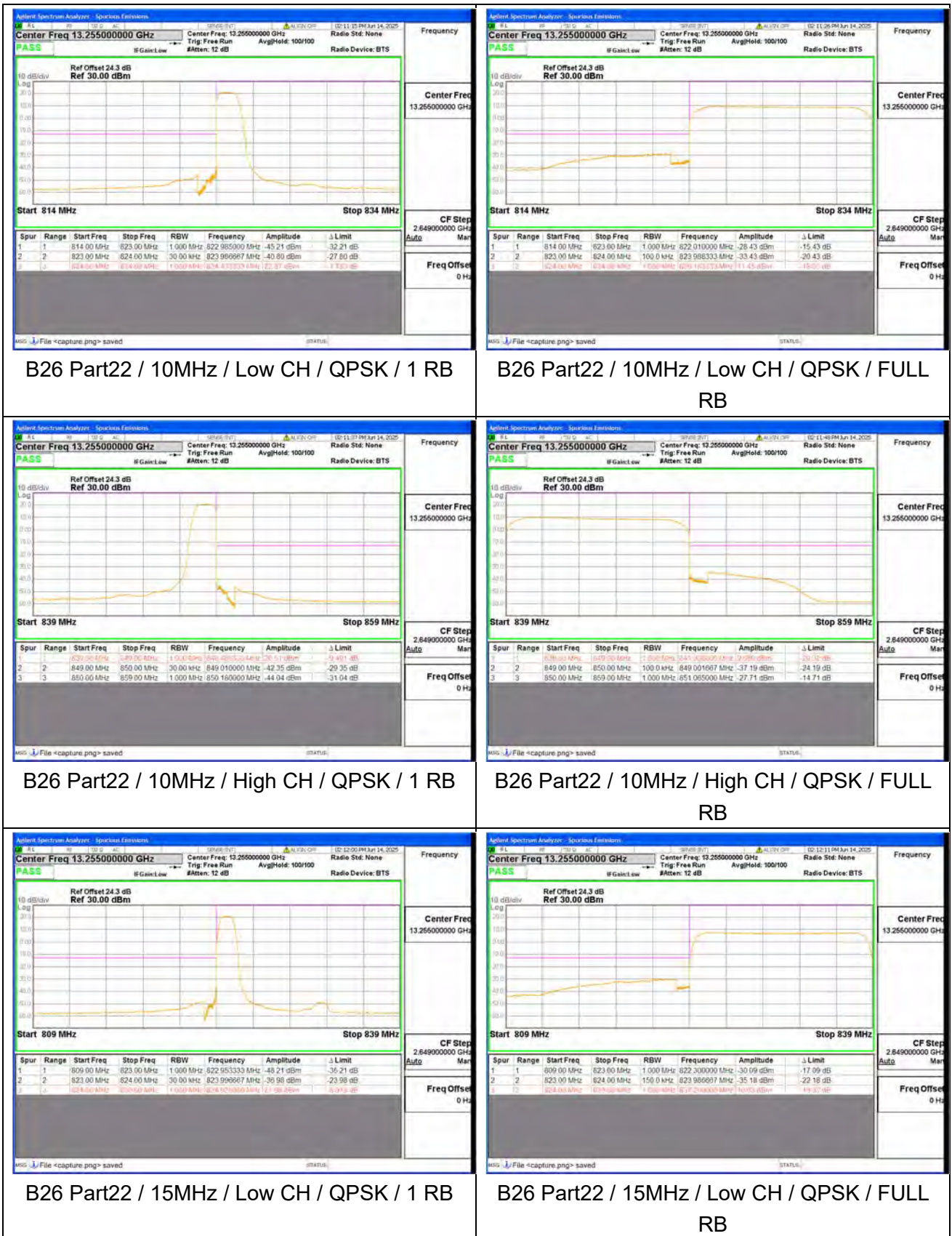


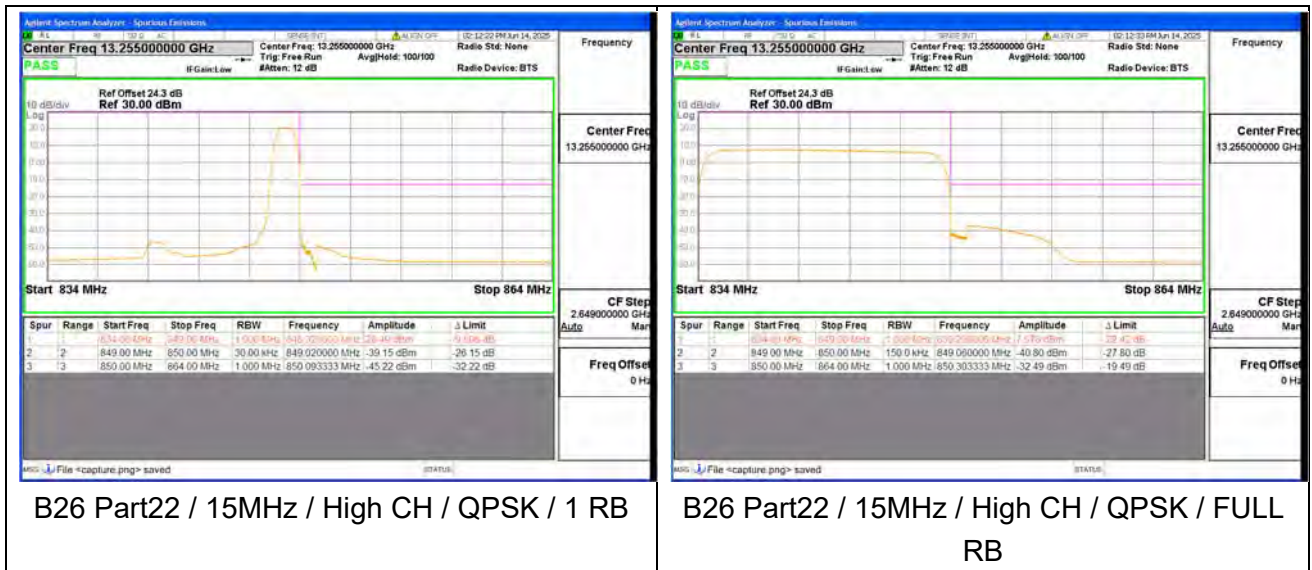
B26 Part22 / 3MHz / Low CH / QPSK / 1 RB

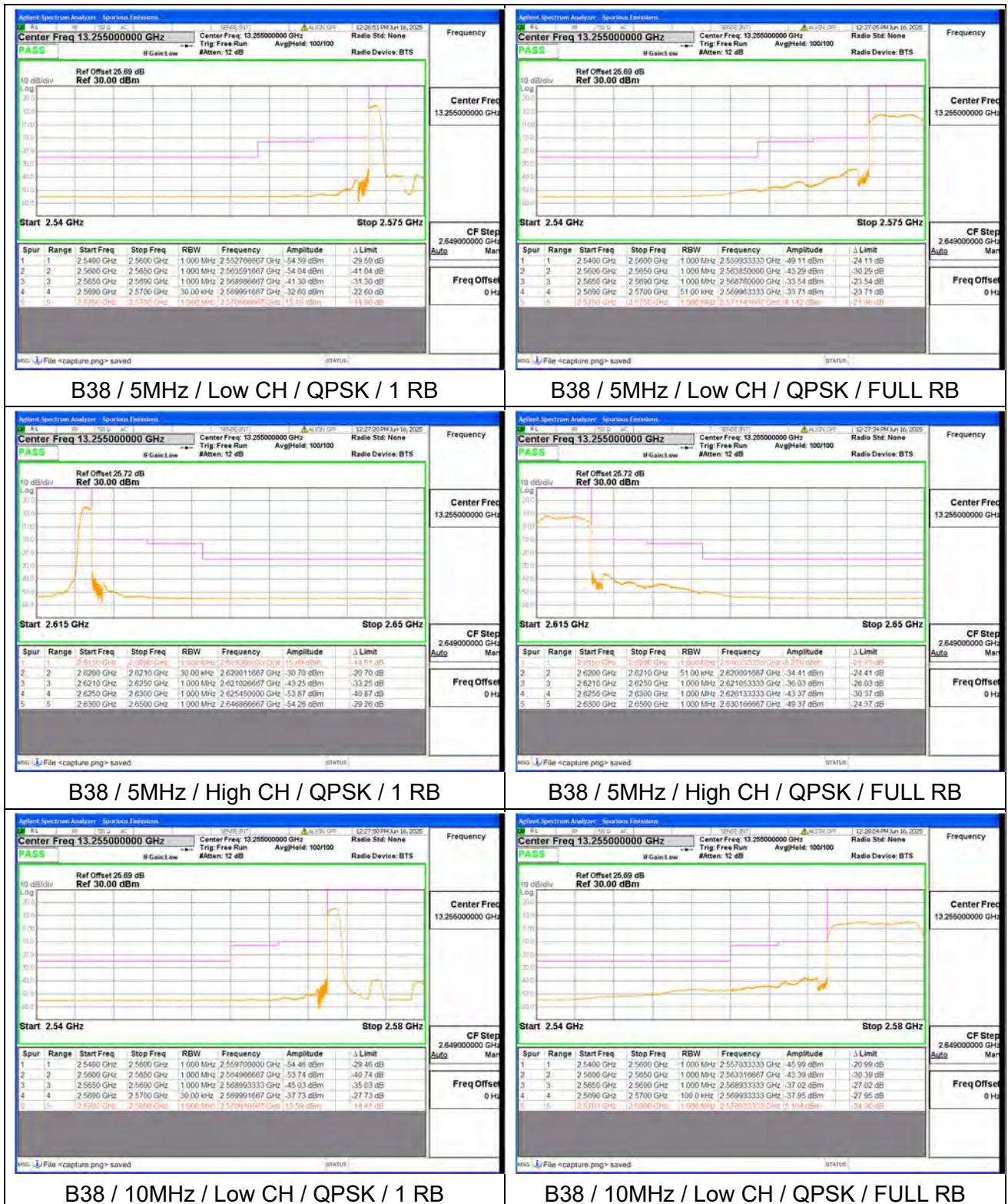


B26 Part22 / 3MHz / Low CH / QPSK / FULL RB



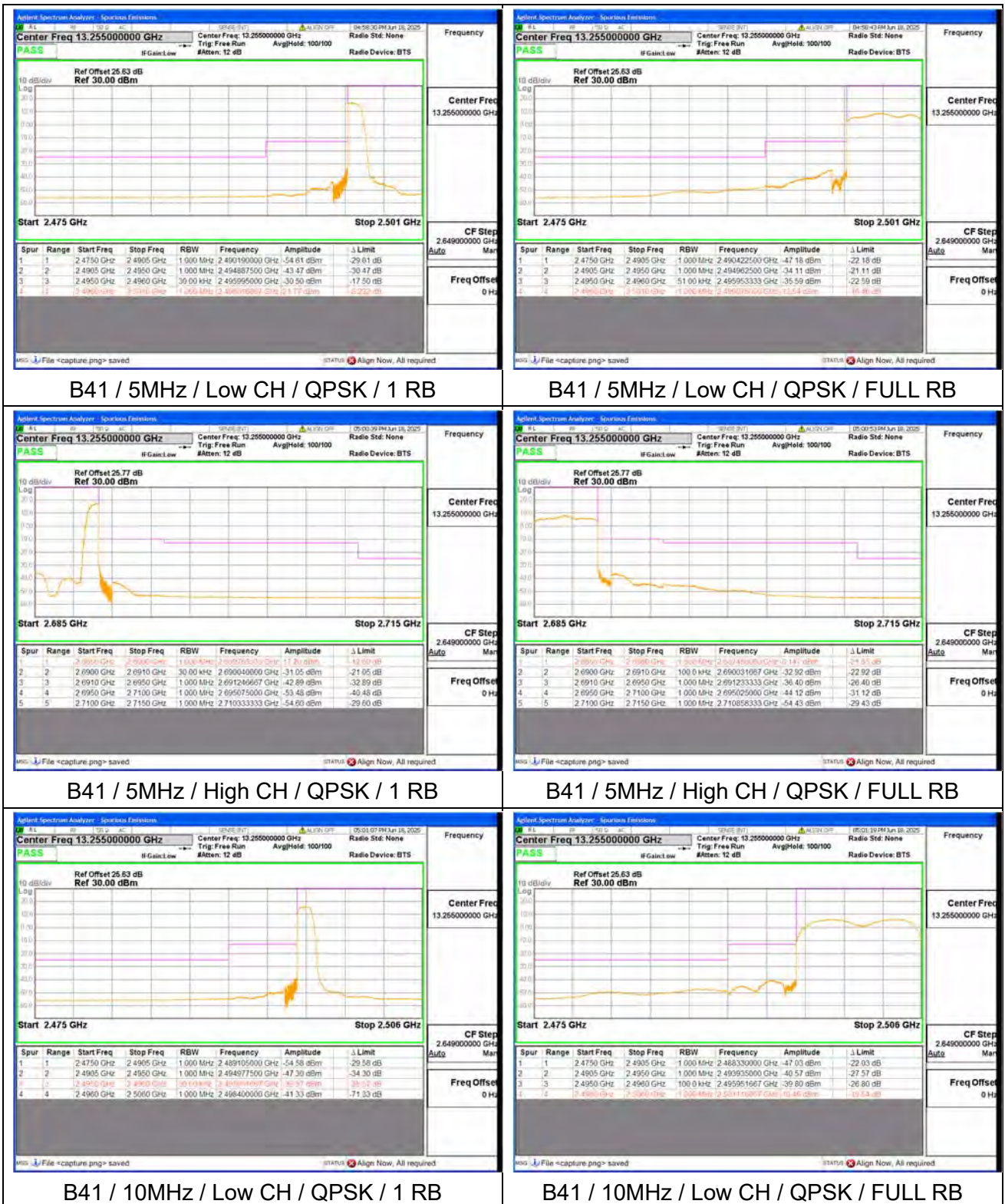


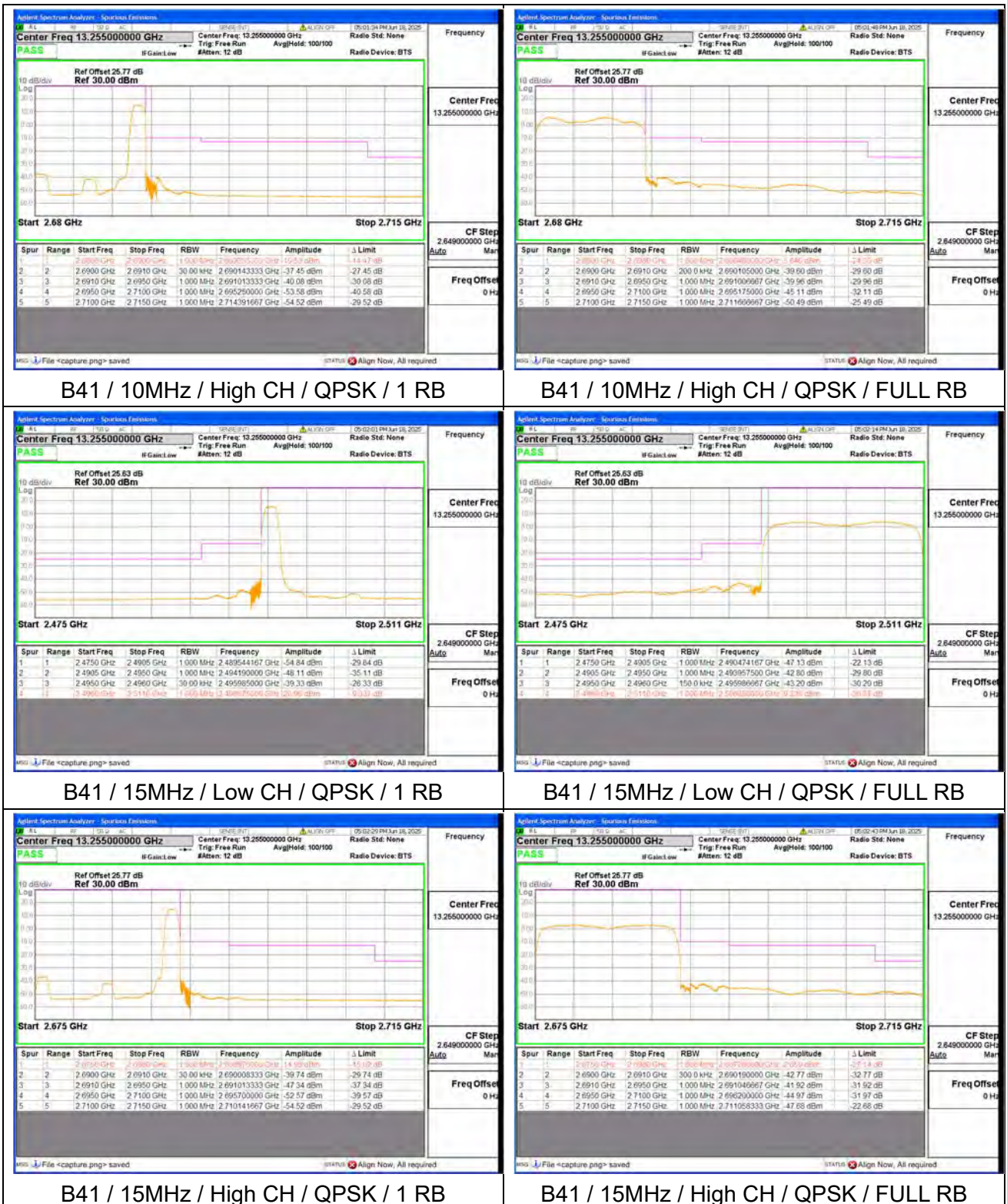














2.7. Radiated Spurious Emissions

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.

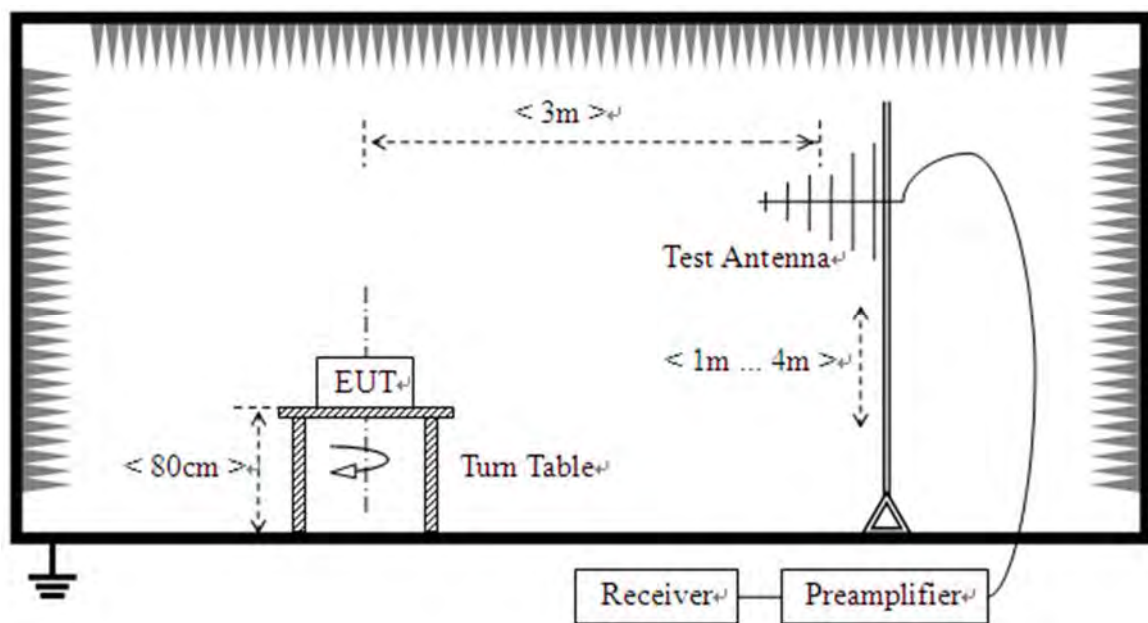
Additional requirement for LTE Band 7, 38, 41

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.

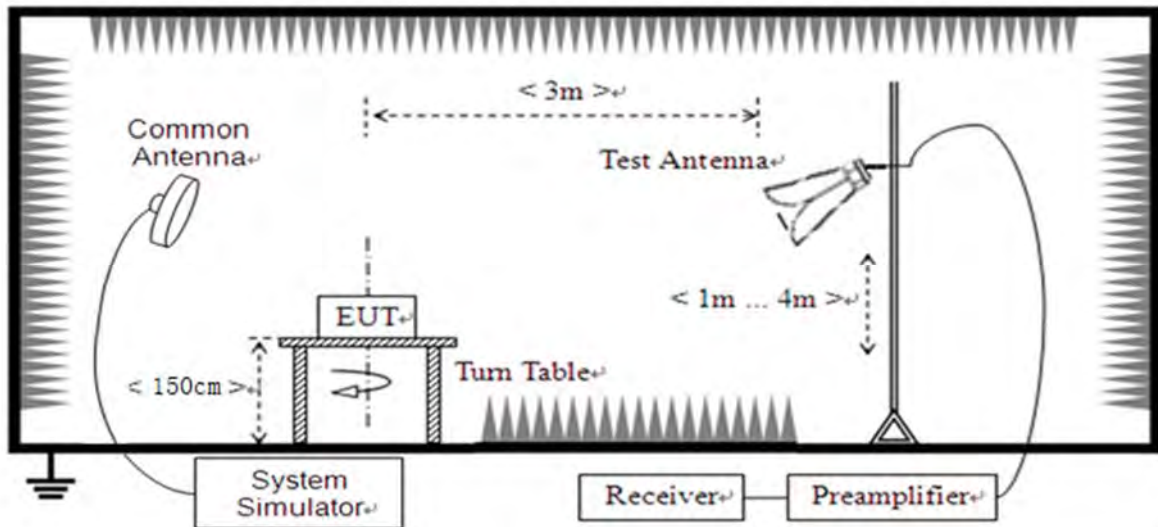
Additional requirement for Band 13

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.

2.7.2. 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.

2.7.3. 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

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.

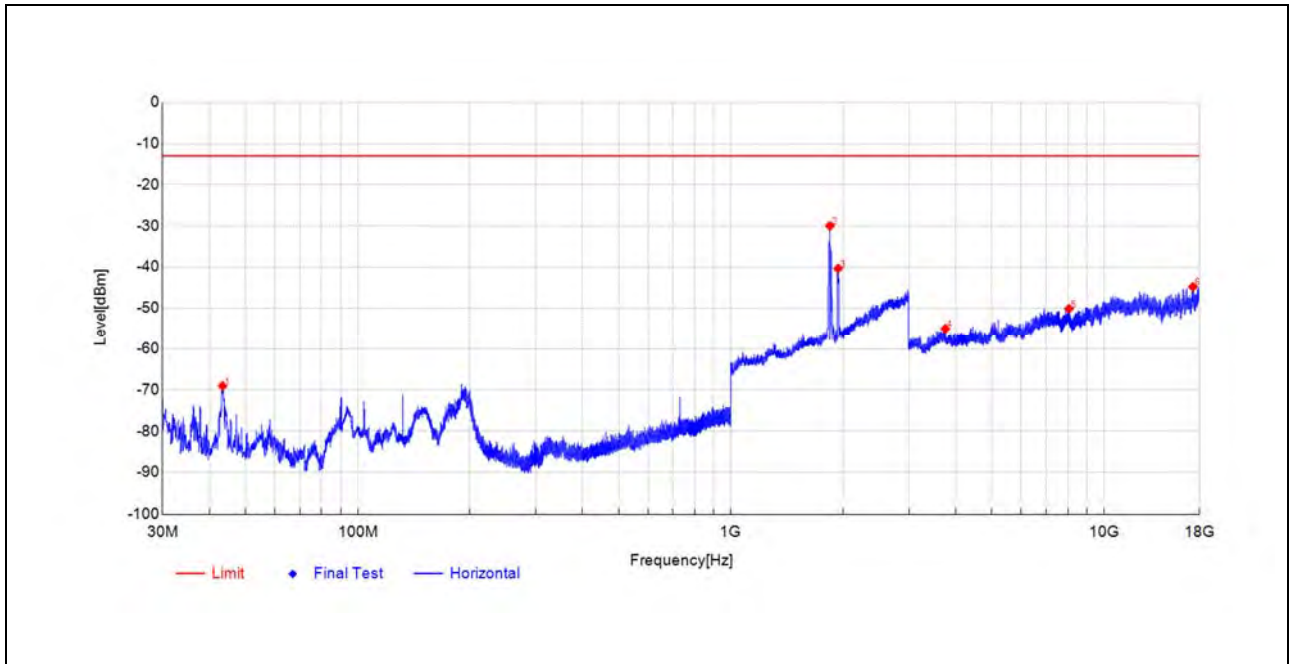
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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.

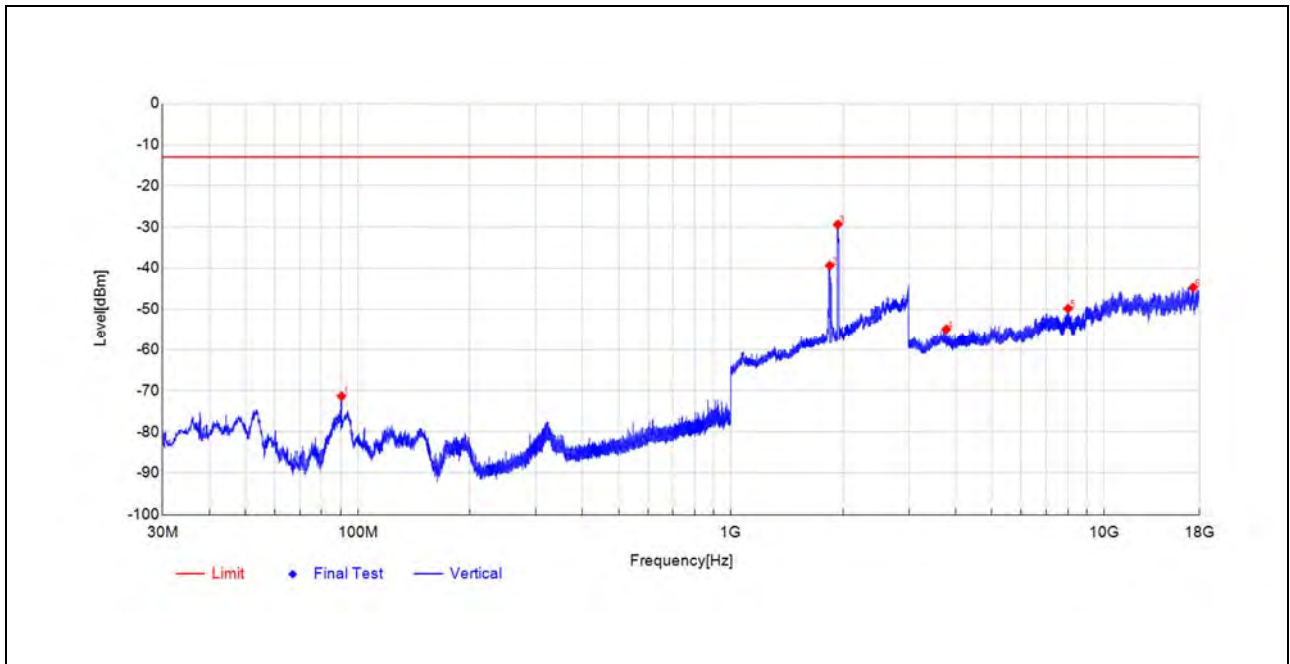
Note4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.

**LTE Band 2**

Plot for Low Channel



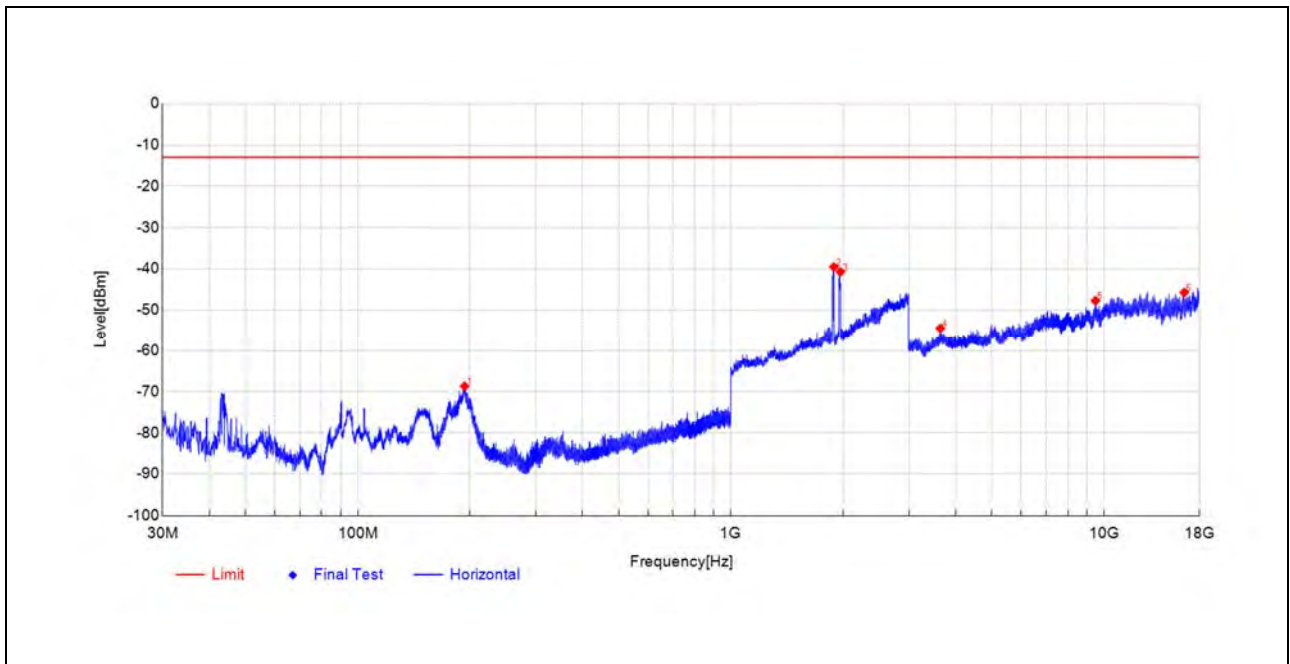
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.4352	-53.71	-69.05	-15.3	-13.0	56.1	Horizontal	PK	PASS
1841.3683	-34.19	-29.96	4.2	-	-	Horizontal	PK	NA
1937.7876	-44.41	-40.33	4.1	-	-	Horizontal	PK	NA
3755.2508	-56.26	-55.03	1.2	-13.0	42.0	Horizontal	PK	PASS
8053.0421	-63.59	-50.13	13.5	-13.0	37.1	Horizontal	PK	PASS
17302.532	-68.83	-44.80	24.0	-13.0	31.8	Horizontal	PK	PASS



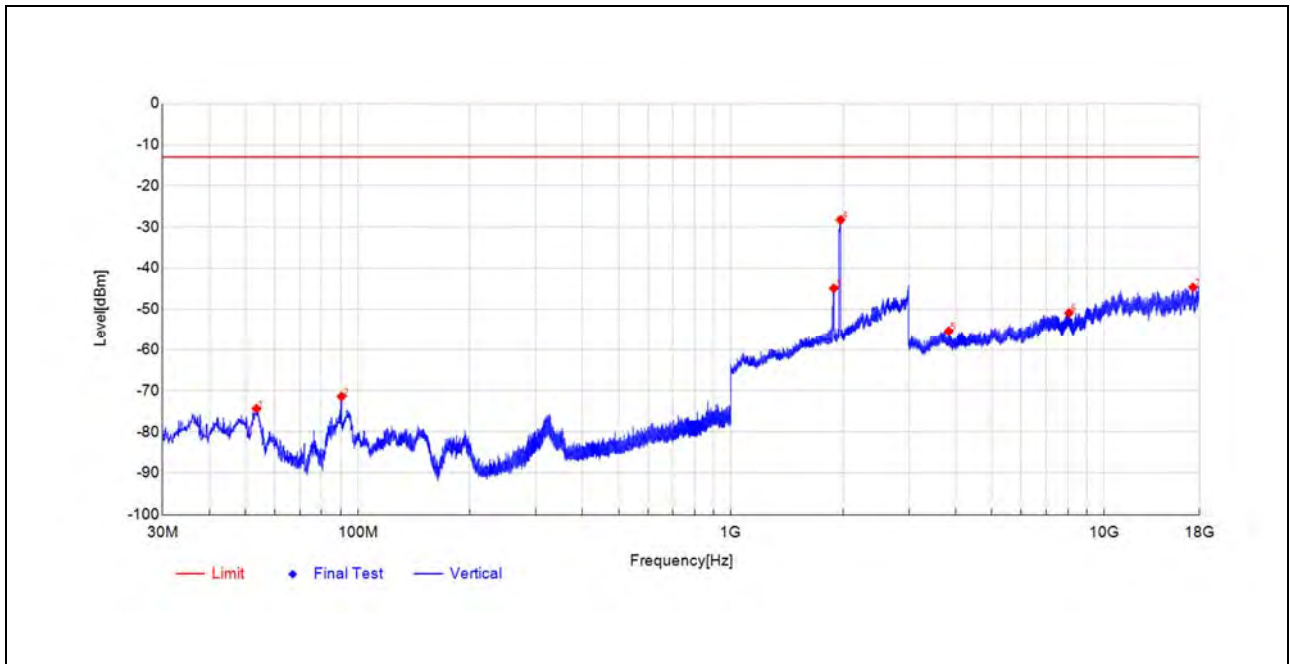
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-49.05	-71.32	-22.3	-13.0	58.3	Vertical	PK	PASS
1840.168	-43.93	-39.36	4.6	-	-	Vertical	PK	NA
1934.1868	-33.25	-29.36	3.9	-	-	Vertical	PK	NA
3774.1106	-55.82	-54.89	0.9	-13.0	41.9	Vertical	PK	PASS
8007.9203	-62.80	-49.81	13.0	-13.0	36.8	Vertical	PK	PASS
17311.652	-69.31	-44.70	24.6	-13.0	31.7	Vertical	PK	PASS



Plot for Mid Channel



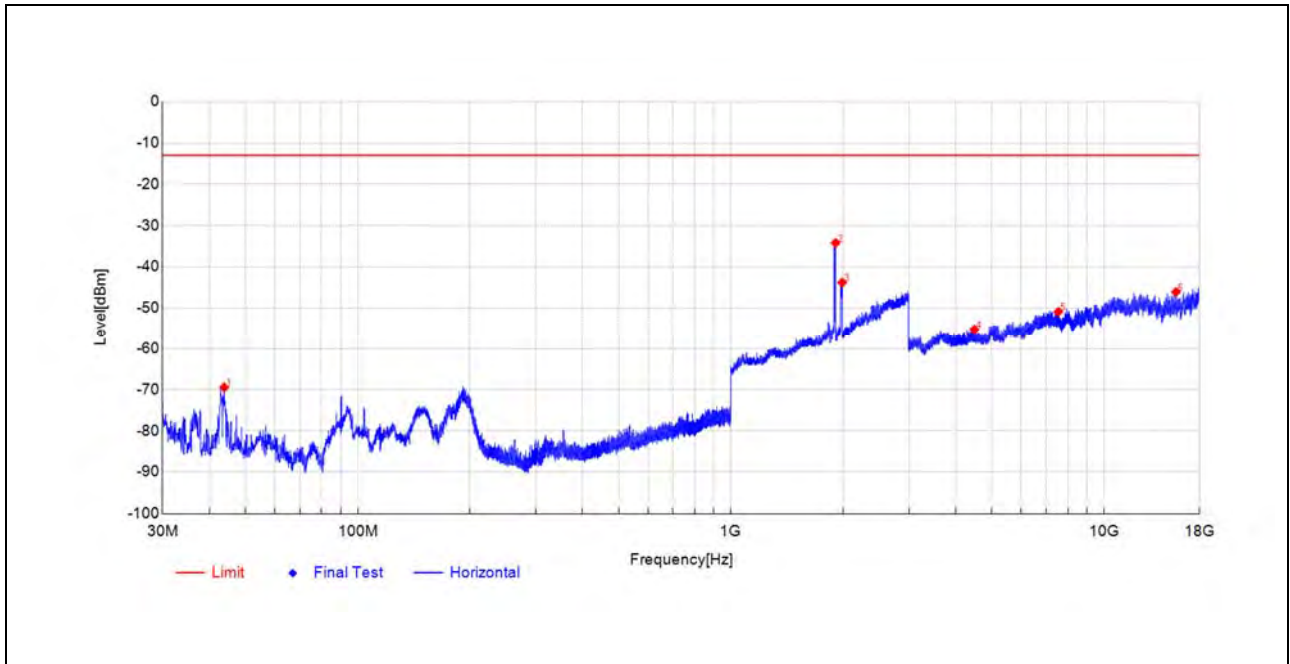
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
193.3077	-49.71	-68.70	-19.0	-13.0	55.7	Horizontal	PK	PASS
1888.1776	-44.51	-39.54	5.0	-	-	Horizontal	PK	NA
1966.1932	-45.27	-40.72	4.6	-	-	Horizontal	PK	NA
3641.2345	-56.13	-54.42	1.7	-13.0	41.4	Horizontal	PK	PASS
9485.4194	-64.26	-47.69	16.6	-13.0	34.7	Horizontal	PK	PASS
16402.496	-71.41	-45.72	25.7	-13.0	32.7	Horizontal	PK	PASS



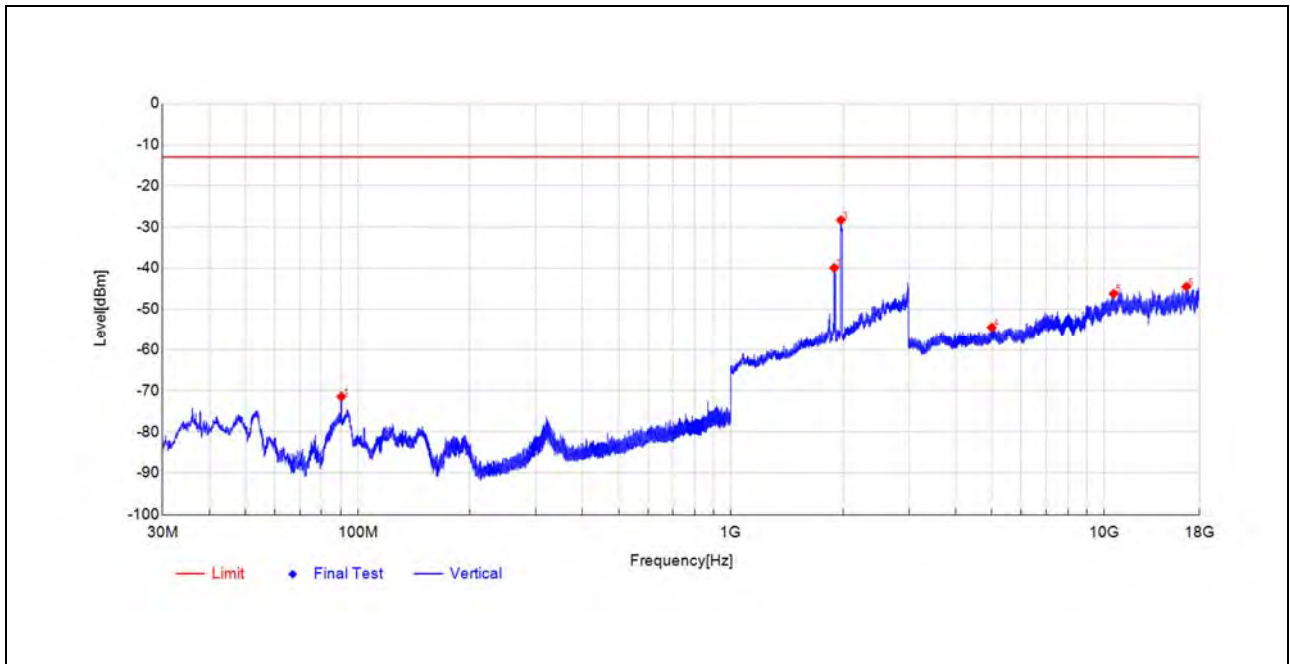
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
53.5237	-56.94	-74.38	-17.4	-13.0	61.4	Vertical	PK	PASS
90.4825	-49.12	-71.40	-22.3	-13.0	58.4	Vertical	PK	PASS
1887.7776	-49.98	-44.88	5.1	-	-	Vertical	PK	NA
1966.9934	-32.67	-28.25	4.4	-	-	Vertical	PK	NA
3834.5478	-56.11	-55.35	0.8	-13.0	42.4	Vertical	PK	PASS
8057.8423	-63.88	-50.89	13.0	-13.0	37.9	Vertical	PK	PASS
17314.532	-69.26	-44.64	24.6	-13.0	31.6	Vertical	PK	PASS



Plot for High Channel



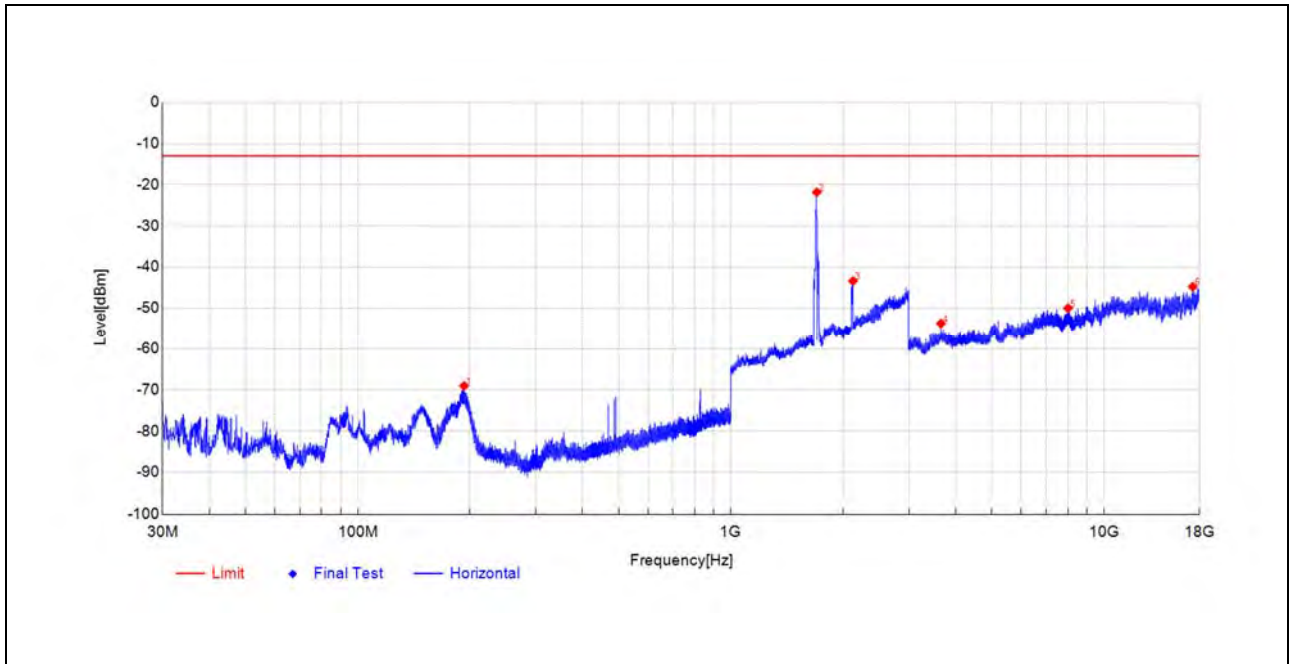
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.8717	-54.10	-69.44	-15.3	-13.0	56.4	Horizontal	PK	PASS
1906.9814	-38.48	-34.20	4.3	-	-	Horizontal	PK	NA
1986.5973	-48.20	-43.77	4.4	-	-	Horizontal	PK	NA
4492.4989	-58.28	-55.21	3.1	-13.0	42.2	Horizontal	PK	PASS
7542.3017	-62.95	-50.87	12.1	-13.0	37.9	Horizontal	PK	PASS
15582.623	-70.91	-46.06	24.9	-13.0	33.1	Horizontal	PK	PASS



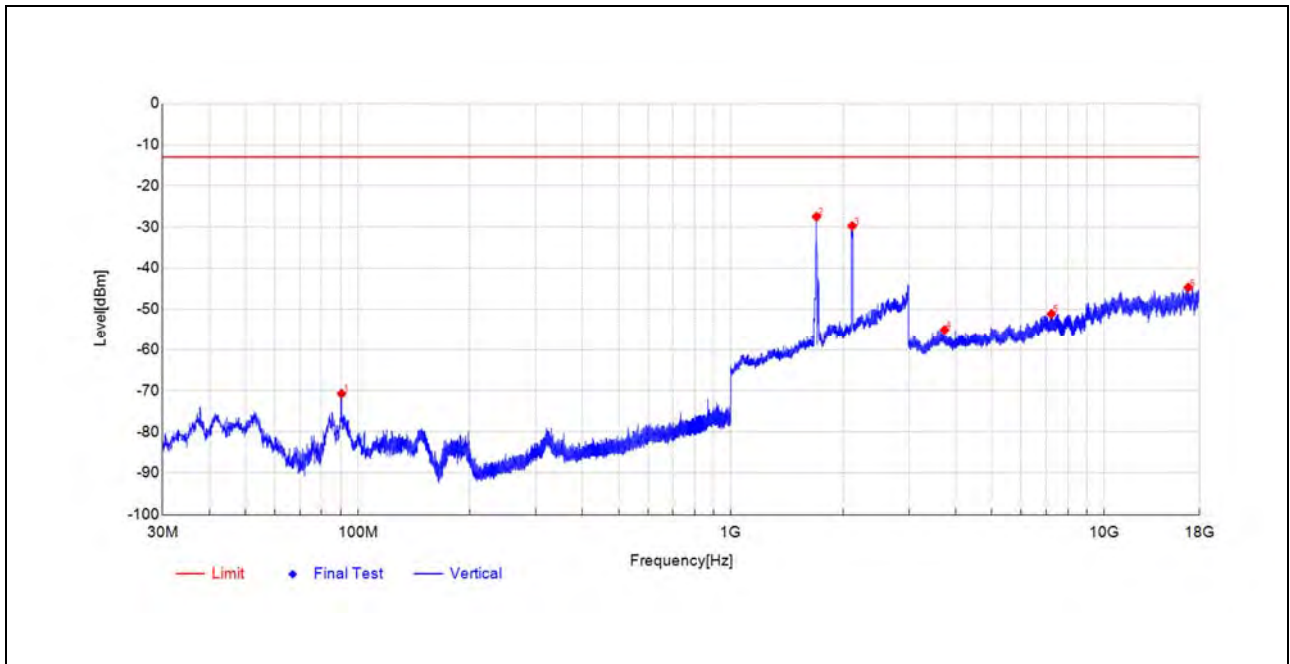
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-49.16	-71.44	-22.3	-13.0	58.4	Vertical	PK	PASS
1892.1784	-45.02	-39.92	5.1	-	-	Vertical	PK	NA
1972.1944	-32.89	-28.30	4.6	-	-	Vertical	PK	NA
4998.7141	-59.96	-54.45	5.5	-13.0	41.5	Vertical	PK	PASS
10612.504	-66.19	-46.19	20.0	-13.0	33.2	Vertical	PK	PASS
16619.464	-70.32	-44.47	25.9	-13.0	31.5	Vertical	PK	PASS

LTE Band 4

Plot for Low Channel

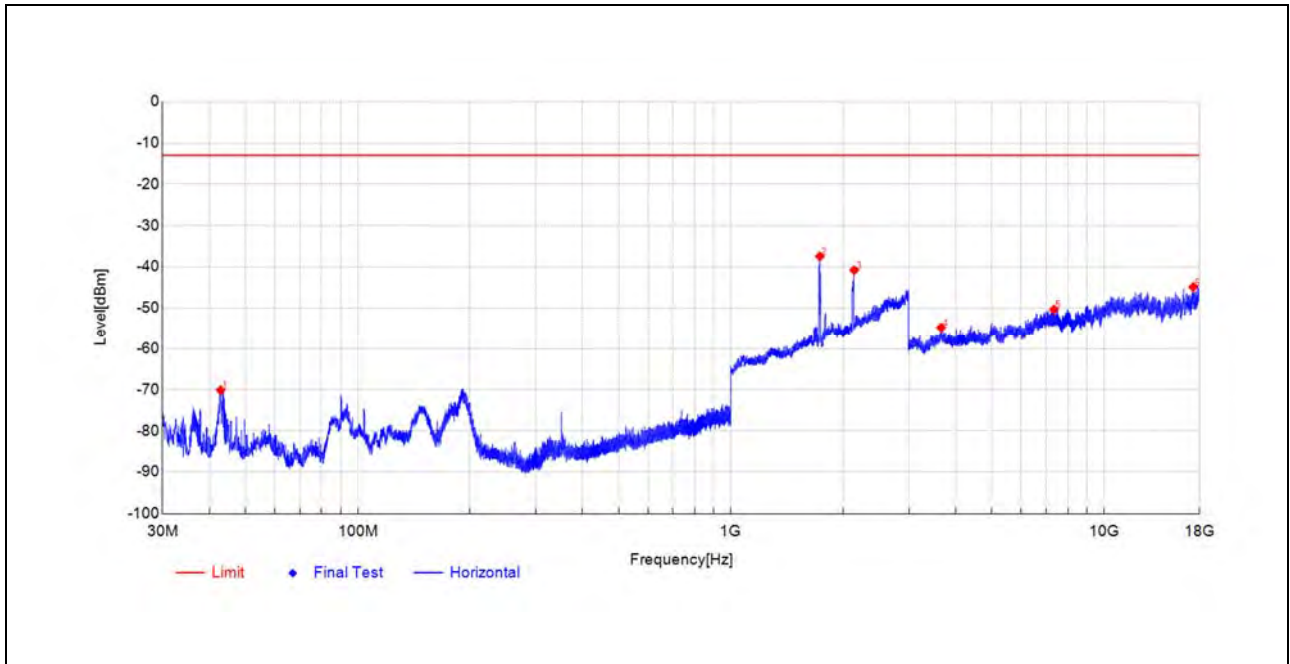


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
192.7256	-49.99	-69.04	-19.1	-13.0	56.0	Horizontal	PK	PASS
1698.5397	-25.06	-21.81	3.3	-	-	Horizontal	PK	NA
2123.8248	-49.30	-43.37	5.9	-	-	Horizontal	PK	NA
3655.808	-55.45	-53.73	1.7	-13.0	40.7	Horizontal	PK	PASS
8007.4403	-63.33	-49.97	13.4	-13.0	37.0	Horizontal	PK	PASS
17282.371	-68.60	-44.76	23.8	-13.0	31.8	Horizontal	PK	PASS

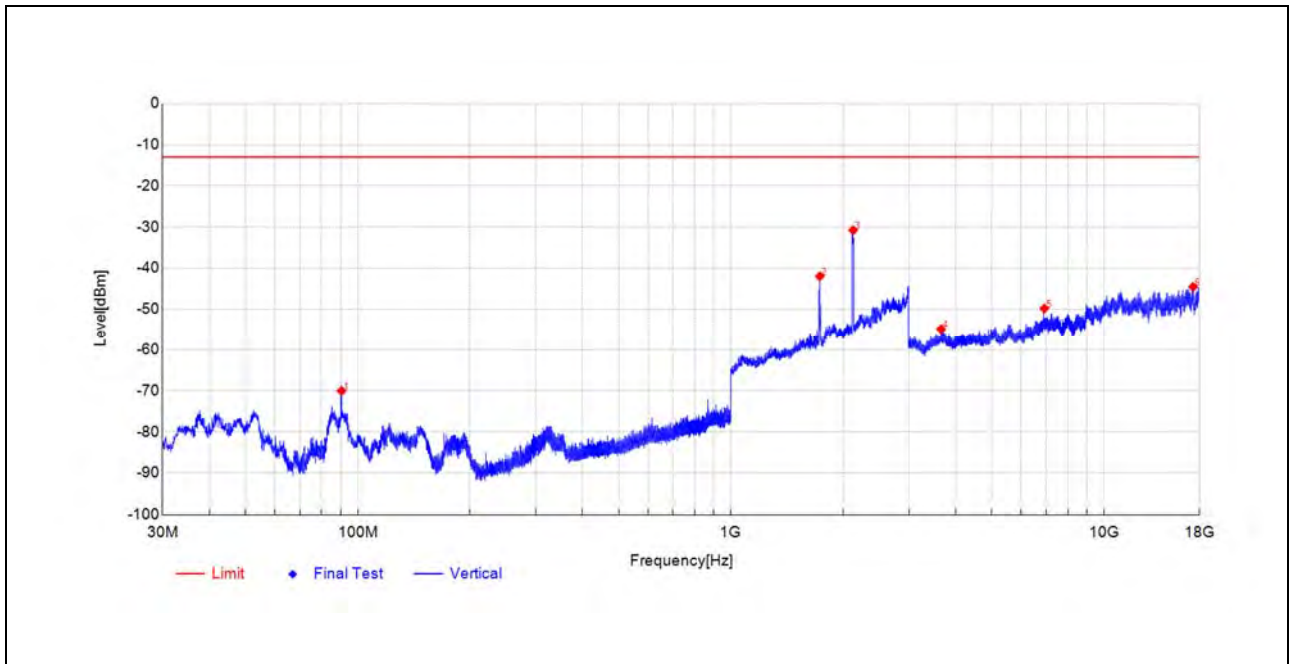


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-48.46	-70.71	-22.3	-13.0	57.7	Vertical	PK	PASS
1695.7391	-30.73	-27.47	3.3	-	-	Vertical	PK	NA
2113.0226	-35.34	-29.74	5.6	-	-	Vertical	PK	NA
3737.6768	-56.37	-55.03	1.3	-13.0	42.0	Vertical	PK	PASS
7223.5689	-62.53	-51.10	11.4	-13.0	38.1	Vertical	PK	PASS
16801.872	-70.45	-44.68	25.8	-13.0	31.7	Vertical	PK	PASS

Plot for Mid Channel



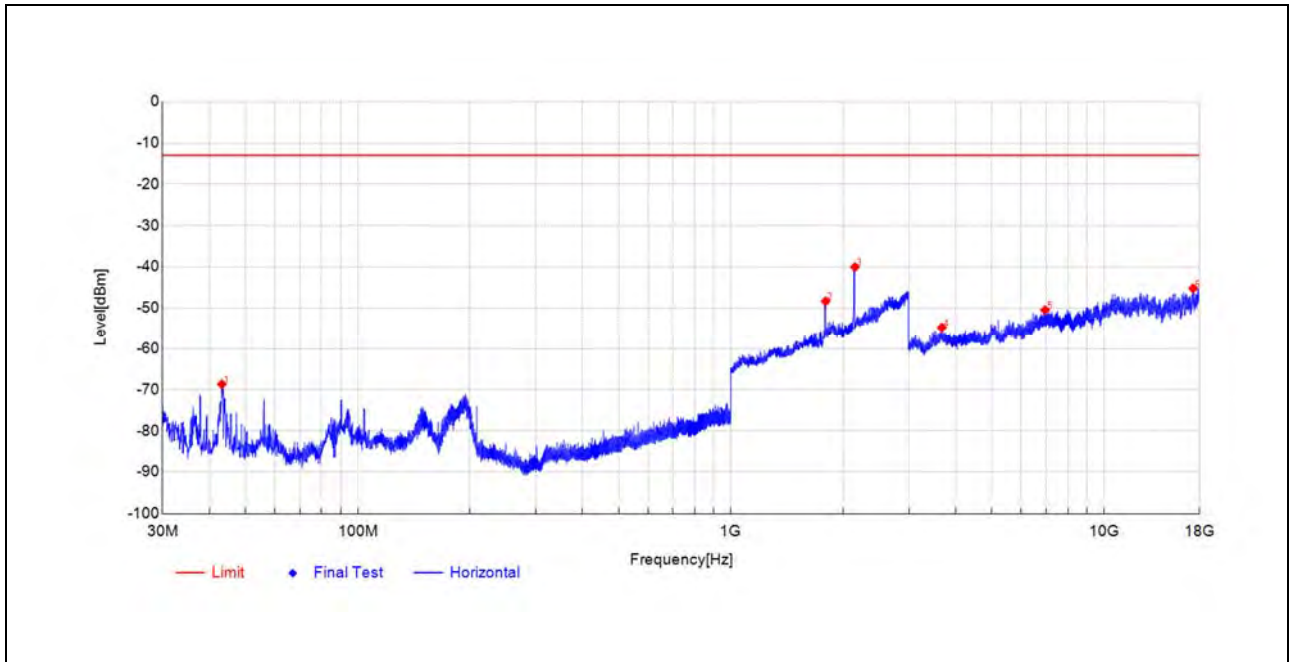
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
42.9016	-54.80	-70.11	-15.3	-13.0	57.1	Horizontal	PK	PASS
1730.9462	-40.48	-37.43	3.1	-	-	Horizontal	PK	NA
2139.828	-46.81	-40.79	6.0	-	-	Horizontal	PK	NA
3657.9511	-56.45	-54.73	1.7	-13.0	41.7	Horizontal	PK	PASS
7339.7336	-62.76	-50.32	12.4	-13.0	37.3	Horizontal	PK	PASS
17331.813	-69.13	-44.87	24.3	-13.0	31.9	Horizontal	PK	PASS



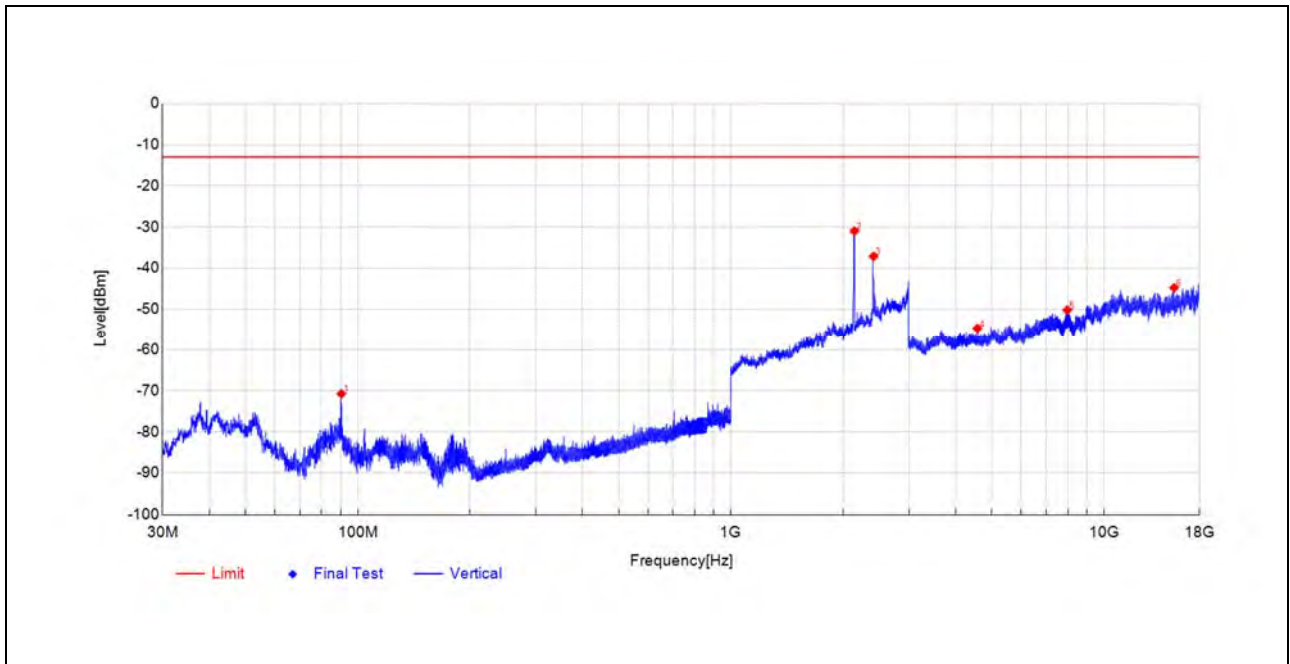
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-47.78	-70.03	-22.3	-13.0	57.0	Vertical	PK	PASS
1730.9462	-45.38	-41.97	3.4	-	-	Vertical	PK	NA
2125.4251	-36.69	-30.77	5.9	-	-	Vertical	PK	NA
3658.8084	-56.49	-54.83	1.7	-13.0	41.8	Vertical	PK	PASS
6916.3567	-60.64	-49.75	10.9	-13.0	36.8	Vertical	PK	PASS
17315.492	-69.16	-44.54	24.6	-13.0	31.5	Vertical	PK	PASS



Plot for High Channel



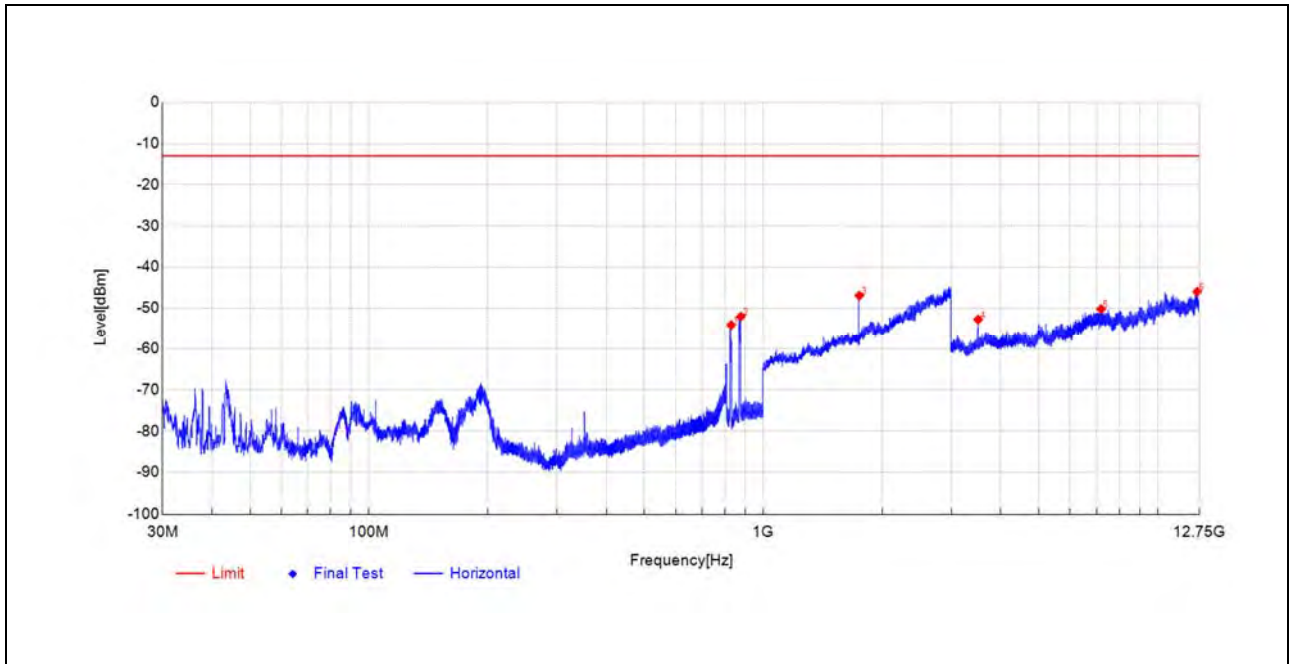
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.2412	-53.33	-68.65	-15.3	-13.0	55.7	Horizontal	PK	PASS
1794.1588	-52.45	-48.32	4.1	-	-	Horizontal	PK	NA
2149.0298	-46.04	-40.02	6.0	-	-	Horizontal	PK	NA
3675.0964	-56.46	-54.71	1.8	-13.0	41.7	Horizontal	PK	PASS
6951.3981	-61.99	-50.45	11.5	-13.0	37.5	Horizontal	PK	PASS
17316.452	-69.36	-45.21	24.2	-13.0	32.2	Horizontal	PK	PASS



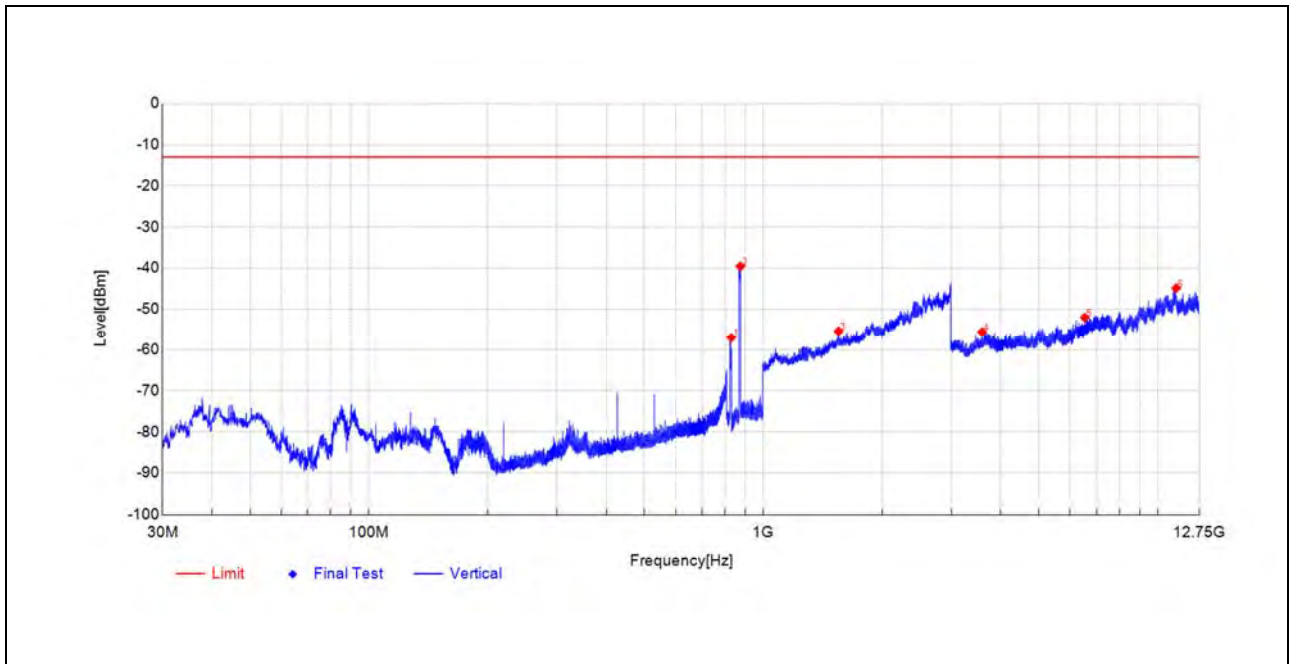
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-48.48	-70.74	-22.3	-13.0	57.7	Vertical	PK	PASS
2142.6285	-36.82	-30.97	5.9	-	-	Vertical	PK	NA
2411.8824	-46.33	-37.11	9.2	-	-	Vertical	PK	NA
4578.2255	-57.52	-54.67	2.9	-13.0	41.7	Vertical	PK	PASS
7971.4389	-62.98	-50.18	12.8	-13.0	37.2	Vertical	PK	PASS
15406.936	-70.25	-44.74	25.5	-13.0	31.7	Vertical	PK	PASS

LTE Band 5

Plot for Low Channel

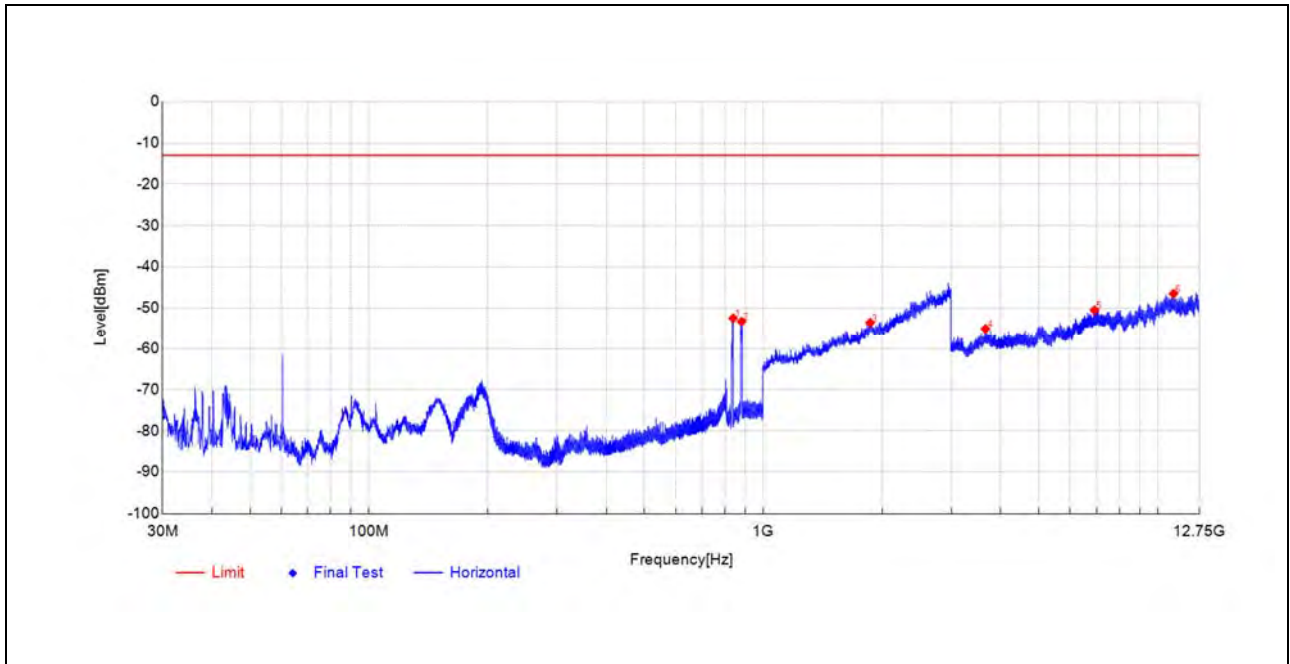


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.3685	-48.37	-54.09	-5.7	-	-	Horizontal	PK	NA
877.2889	-47.25	-52.03	-4.8	-	-	Horizontal	PK	NA
1752.1504	-49.68	-46.92	2.8	-13.0	33.9	Horizontal	PK	PASS
3506.0503	-53.83	-52.75	1.1	-13.0	39.8	Horizontal	PK	PASS
7185.3968	-62.25	-50.21	12.0	-13.0	37.2	Horizontal	PK	PASS
12597.404	-69.20	-45.97	23.2	-13.0	33.0	Horizontal	PK	PASS

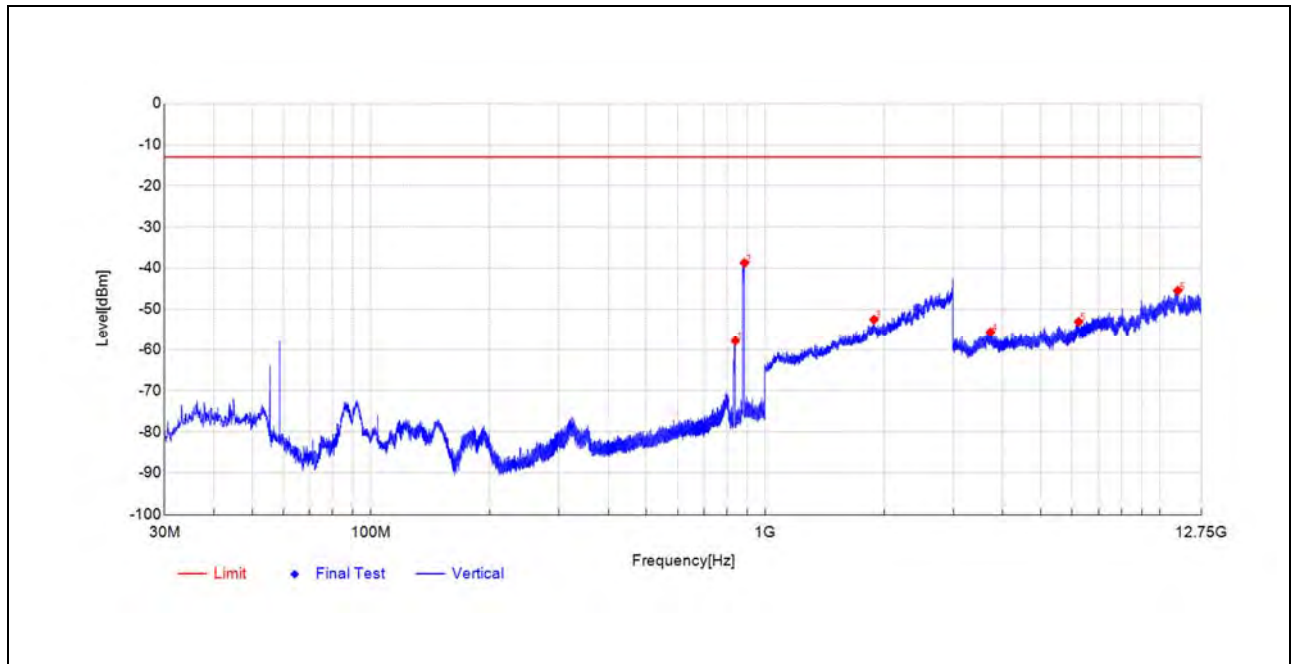


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.902	-51.01	-56.99	-6.0	-	-	Vertical	PK	NA
874.5727	-34.87	-39.54	-4.7	-	-	Vertical	PK	NA
1552.5105	-58.14	-55.37	2.8	-13.0	42.4	Vertical	PK	PASS
3588.4419	-57.05	-55.57	1.5	-13.0	42.6	Vertical	PK	PASS
6534.5517	-61.53	-52.01	9.5	-13.0	39.0	Vertical	PK	PASS
11138.244	-66.71	-44.84	21.9	-13.0	31.8	Vertical	PK	PASS

Plot for Mid Channel

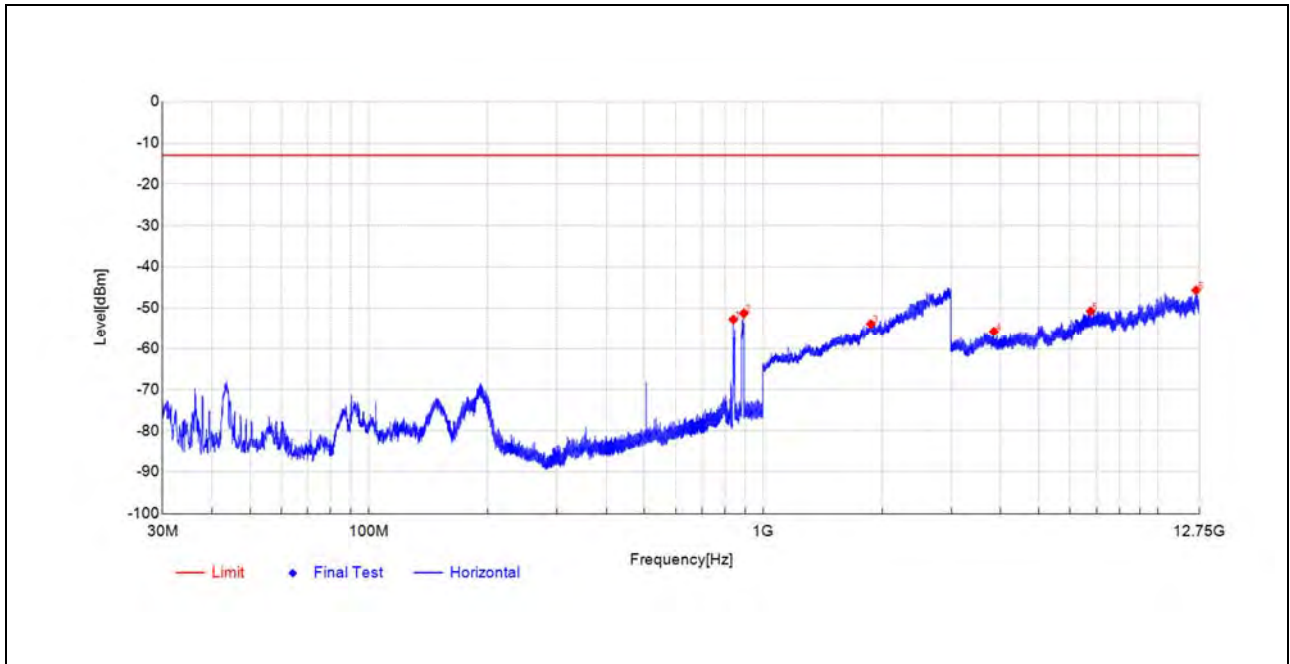


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
838.7779	-46.96	-52.43	-5.5	-	-	Horizontal	PK	NA
881.0721	-48.48	-53.22	-4.7	-	-	Horizontal	PK	NA
1866.1732	-59.02	-53.52	5.5	-13.0	40.5	Horizontal	PK	PASS
3659.133	-56.76	-55.03	1.7	-13.0	42.0	Horizontal	PK	PASS
6914.3332	-61.83	-50.47	11.4	-13.0	37.5	Horizontal	PK	PASS
10963.710	-67.46	-46.49	21.0	-13.0	33.5	Horizontal	PK	PASS

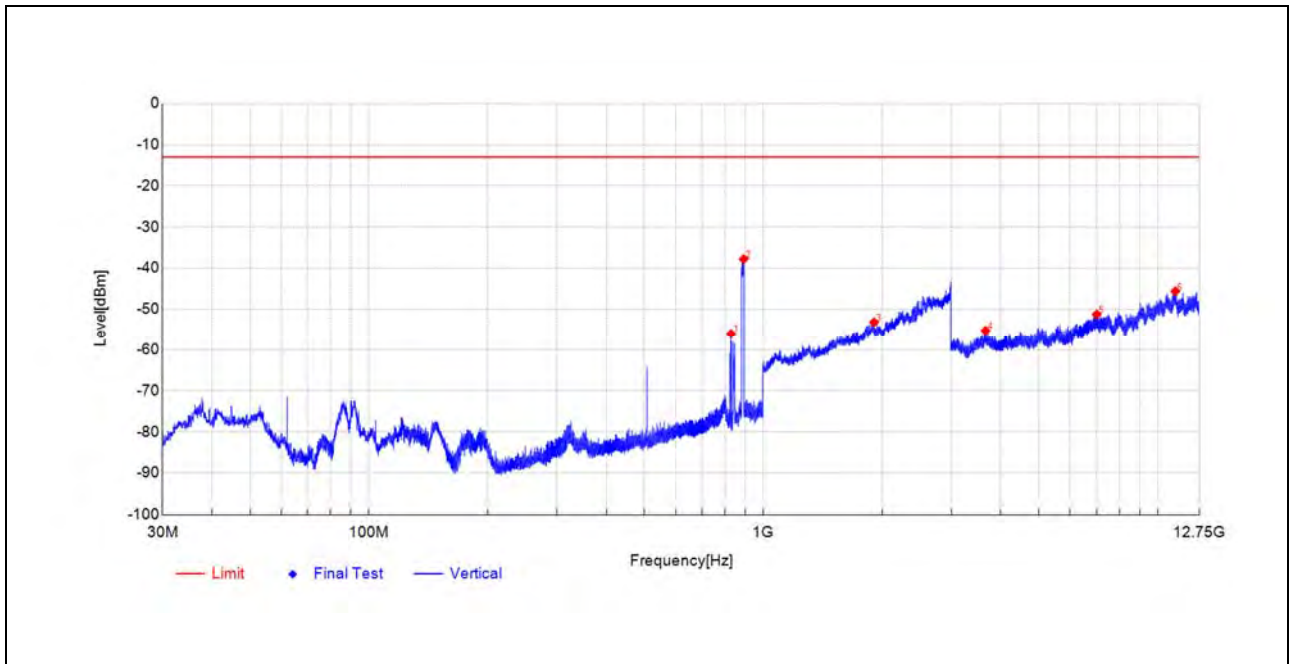


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
840.233	-52.06	-57.79	-5.7	-	-	Vertical	PK	NA
885.3888	-34.25	-38.71	-4.5	-	-	Vertical	PK	NA
1886.1772	-58.38	-52.49	5.9	-13.0	39.5	Vertical	PK	PASS
3723.9737	-57.08	-55.58	1.5	-13.0	42.6	Vertical	PK	PASS
6231.3116	-62.18	-53.01	9.2	-13.0	40.0	Vertical	PK	PASS
11113.380	-67.67	-45.45	22.2	-13.0	32.5	Vertical	PK	PASS

Plot for High Channel



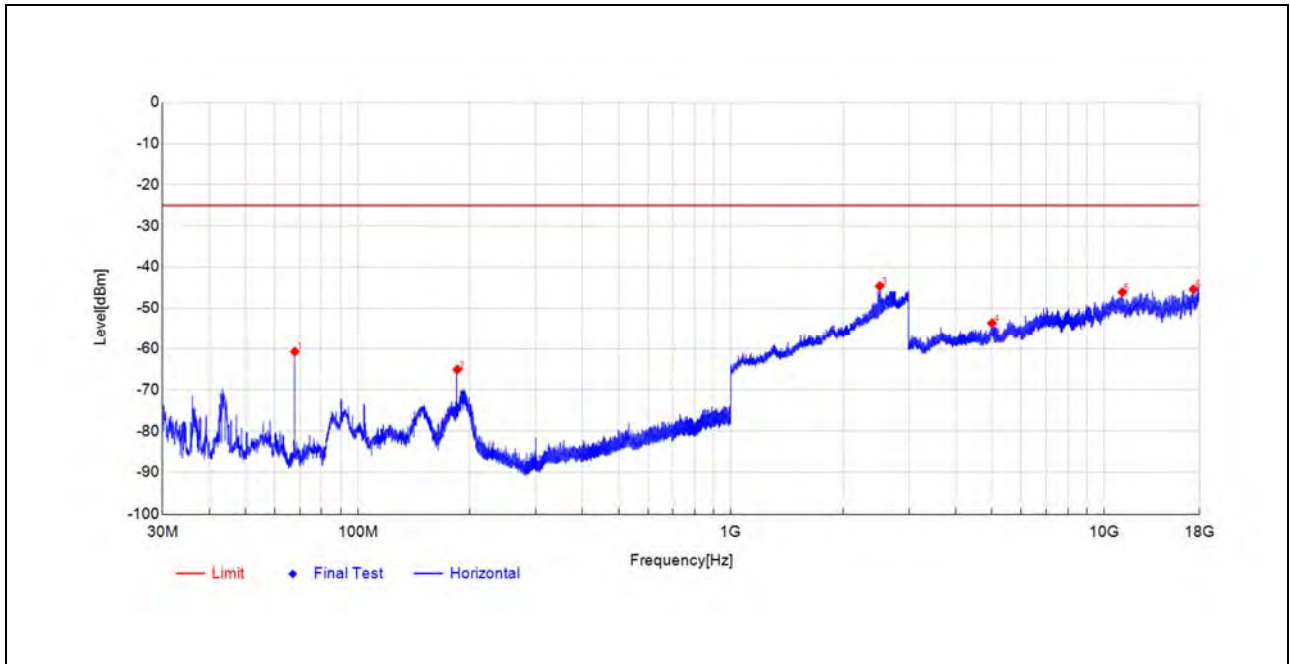
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
839.845	-47.29	-52.73	-5.4	-	-	Horizontal	PK	NA
892.7126	-46.56	-51.24	-4.7	-	-	Horizontal	PK	NA
1873.7748	-59.68	-53.85	5.8	-13.0	40.9	Horizontal	PK	PASS
3844.3922	-56.75	-55.73	1.0	-13.0	42.7	Horizontal	PK	PASS
6760.2755	-62.39	-50.75	11.6	-13.0	37.8	Horizontal	PK	PASS
12513.063	-69.06	-45.66	23.4	-13.0	32.7	Horizontal	PK	PASS



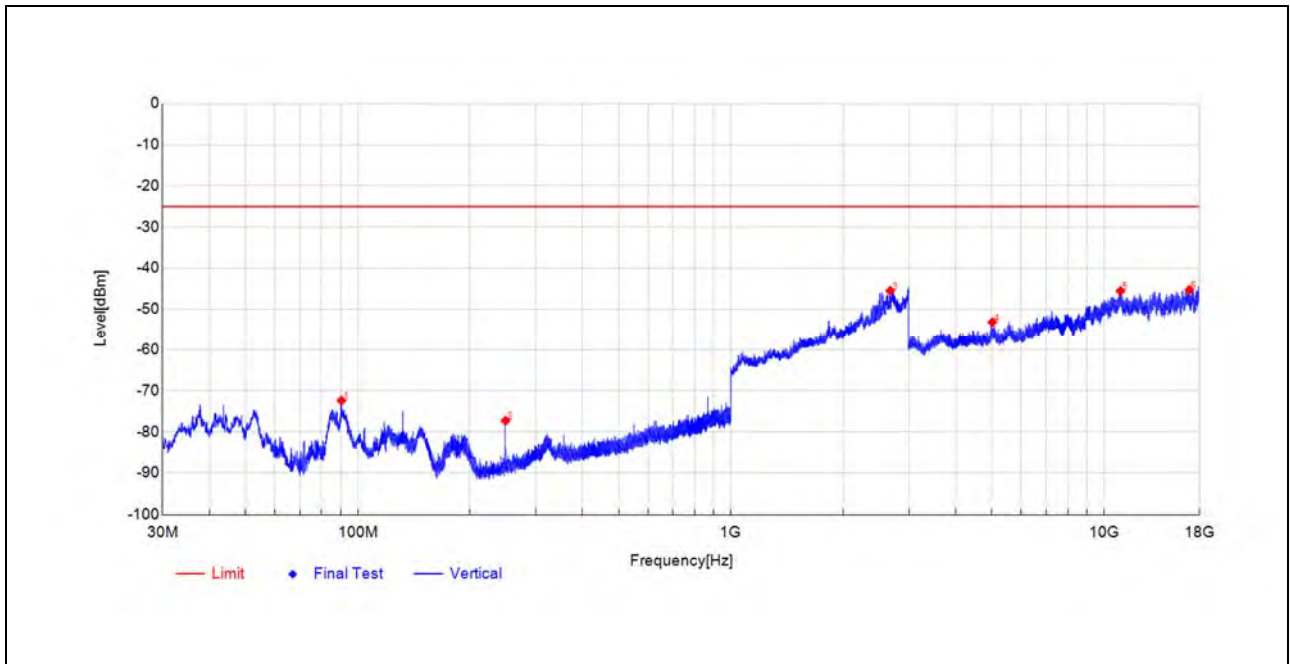
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
828.8349	-50.05	-56.01	-6.0	-	-	Vertical	PK	NA
891.7911	-33.33	-37.77	-4.4	-	-	Vertical	PK	NA
1909.3819	-58.82	-53.15	5.7	-13.0	40.2	Vertical	PK	PASS
3661.5706	-56.89	-55.23	1.7	-13.0	42.2	Vertical	PK	PASS
7005.9878	-62.44	-51.23	11.2	-13.0	38.2	Vertical	PK	PASS
11079.741	-67.93	-45.61	22.3	-13.0	32.6	Vertical	PK	PASS

**LTE Band 7**

Plot for Low Channel



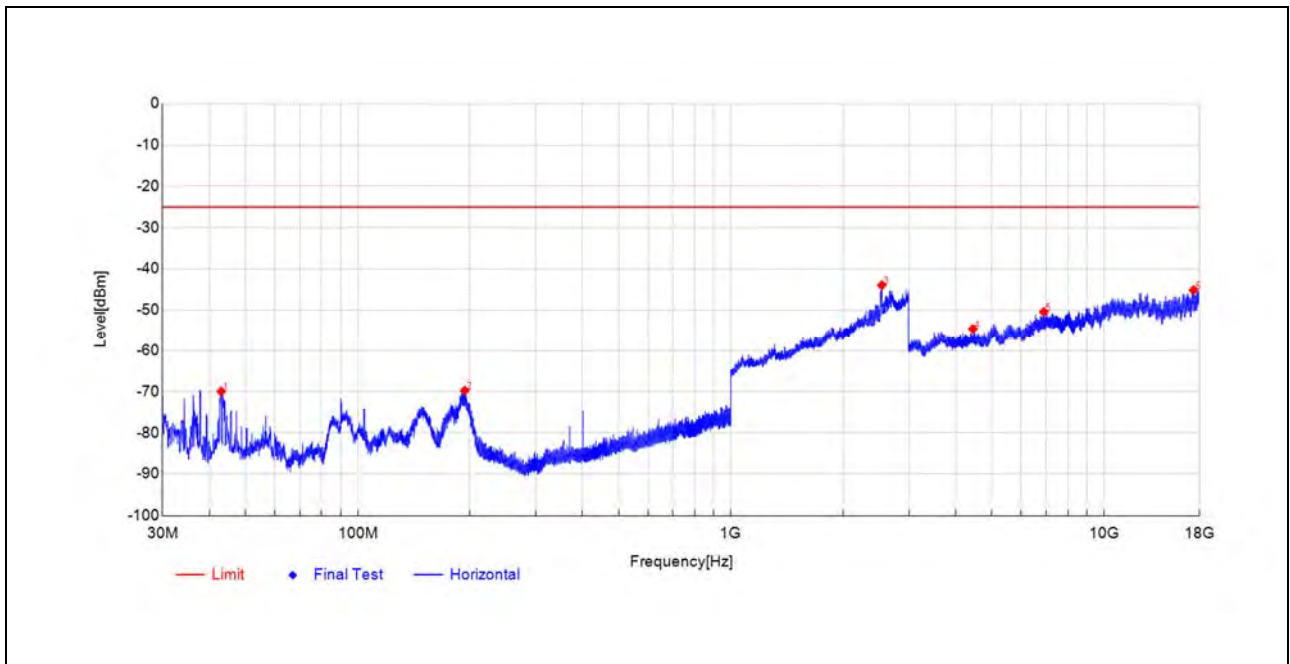
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
67.8319	-41.00	-60.74	-19.7	-25.0	35.7	Horizontal	PK	PASS
184.8197	-44.70	-65.11	-20.4	-25.0	40.1	Horizontal	PK	PASS
2505.5011	-54.37	-44.61	9.8	-25.0	19.6	Horizontal	PK	PASS
5012.4303	-59.73	-53.63	6.1	-25.0	28.6	Horizontal	PK	PASS
11197.167	-66.42	-46.09	20.3	-25.0	21.1	Horizontal	PK	PASS
17361.094	-69.88	-45.38	24.5	-25.0	20.4	Horizontal	PK	PASS



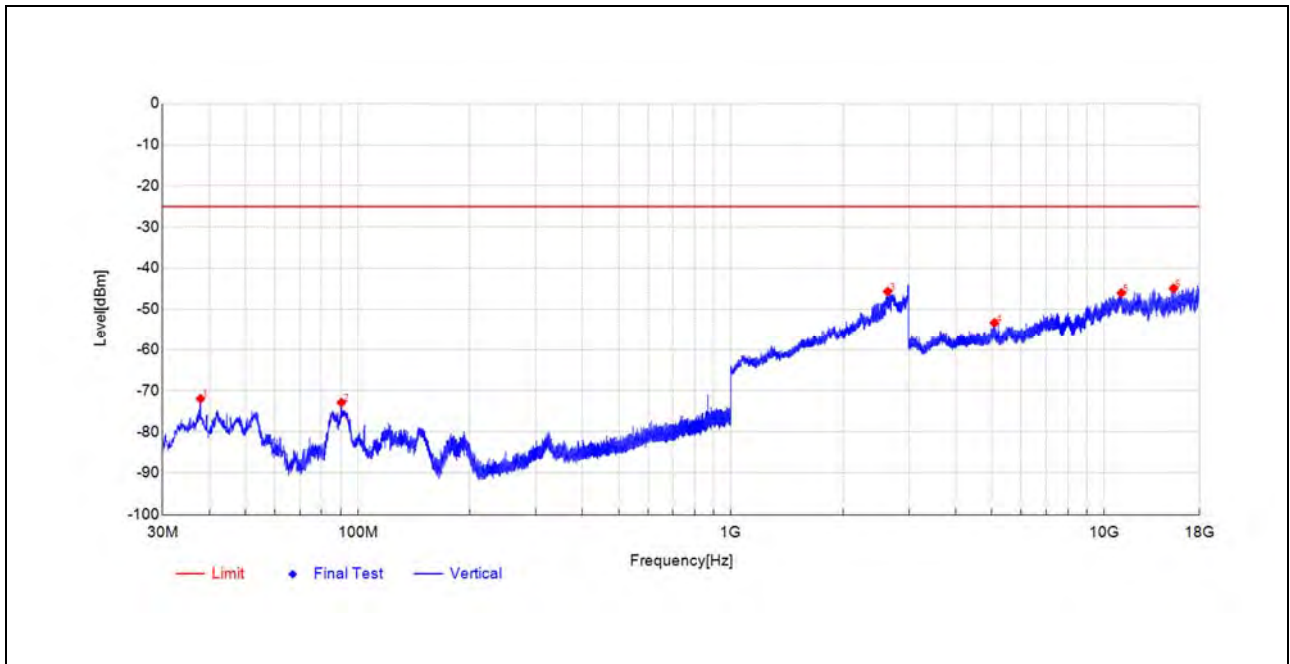
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-50.17	-72.39	-22.2	-25.0	47.4	Vertical	PK	PASS
248.8914	-58.85	-77.27	-18.4	-25.0	52.3	Vertical	PK	PASS
2673.5347	-57.97	-45.44	12.5	-25.0	20.4	Vertical	PK	PASS
5020.1457	-58.64	-53.13	5.5	-25.0	28.1	Vertical	PK	PASS
11072.842	-67.37	-45.50	21.9	-25.0	20.5	Vertical	PK	PASS
16920.436	-71.43	-45.27	26.2	-25.0	20.3	Vertical	PK	PASS



Plot for Mid Channel



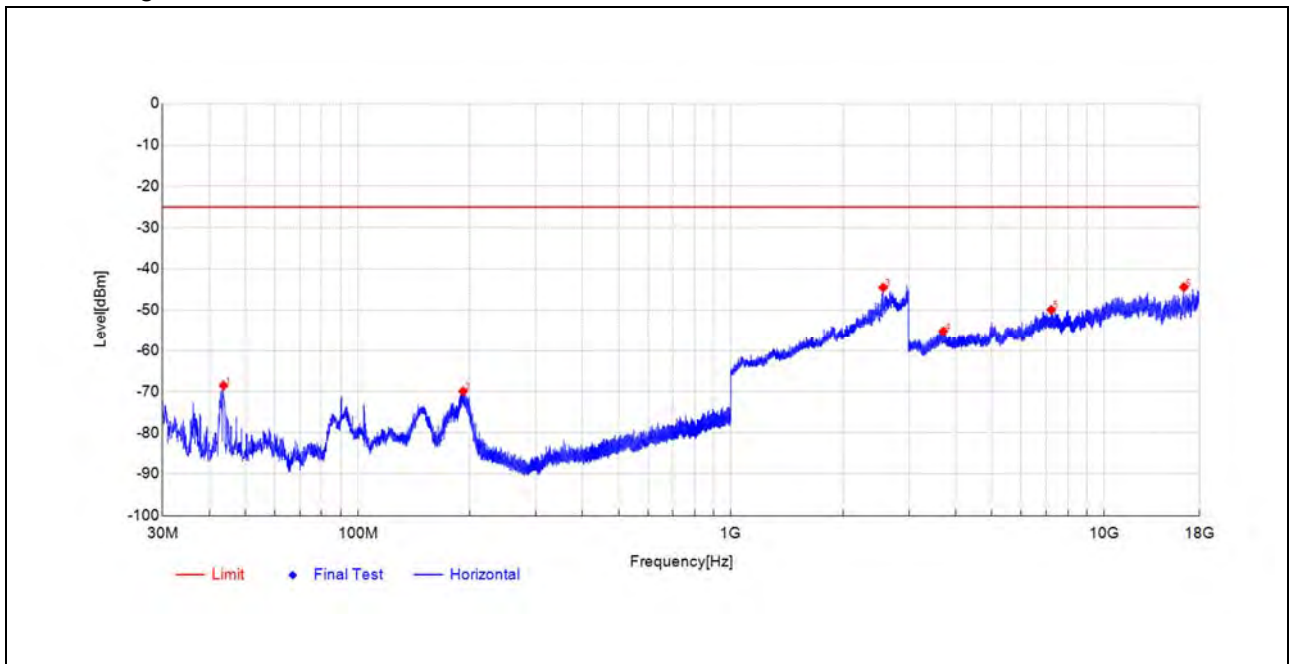
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.0472	-54.65	-69.94	-15.3	-25.0	44.9	Horizontal	PK	PASS
193.4532	-50.84	-69.74	-18.9	-25.0	44.7	Horizontal	PK	PASS
2537.5075	-55.27	-43.93	11.3	-	-	Horizontal	PK	NA
4451.7788	-57.64	-54.55	3.1	-25.0	29.6	Horizontal	PK	PASS
6897.6359	-61.96	-50.40	11.6	-25.0	25.4	Horizontal	PK	PASS
17368.294	-69.68	-45.12	24.6	-25.0	20.1	Horizontal	PK	PASS



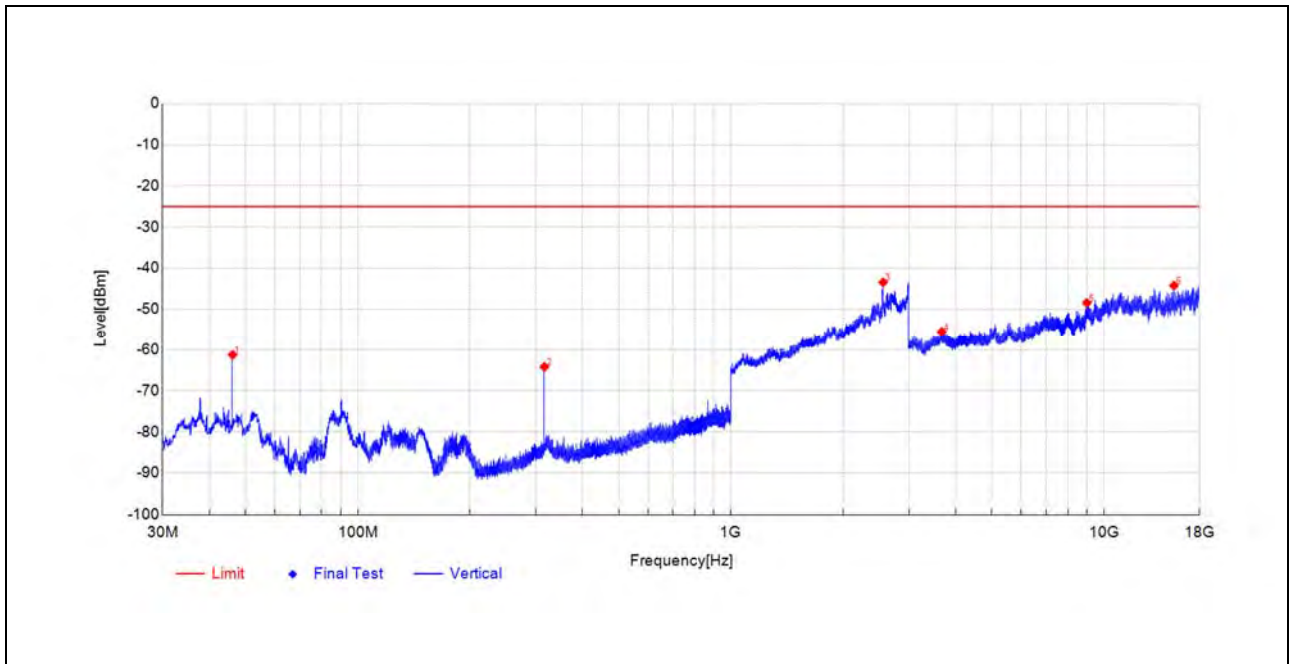
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-49.42	-71.96	-22.5	-25.0	47.0	Vertical	PK	PASS
90.3855	-50.67	-72.89	-22.2	-25.0	47.9	Vertical	PK	PASS
2631.5263	-58.96	-45.67	13.3	-25.0	20.7	Vertical	PK	PASS
5084.012	-58.76	-53.29	5.5	-25.0	28.3	Vertical	PK	PASS
11130.445	-67.79	-46.01	21.8	-25.0	21.0	Vertical	PK	PASS
15350.294	-69.59	-44.90	24.7	-25.0	19.9	Vertical	PK	PASS



Plot for High Channel



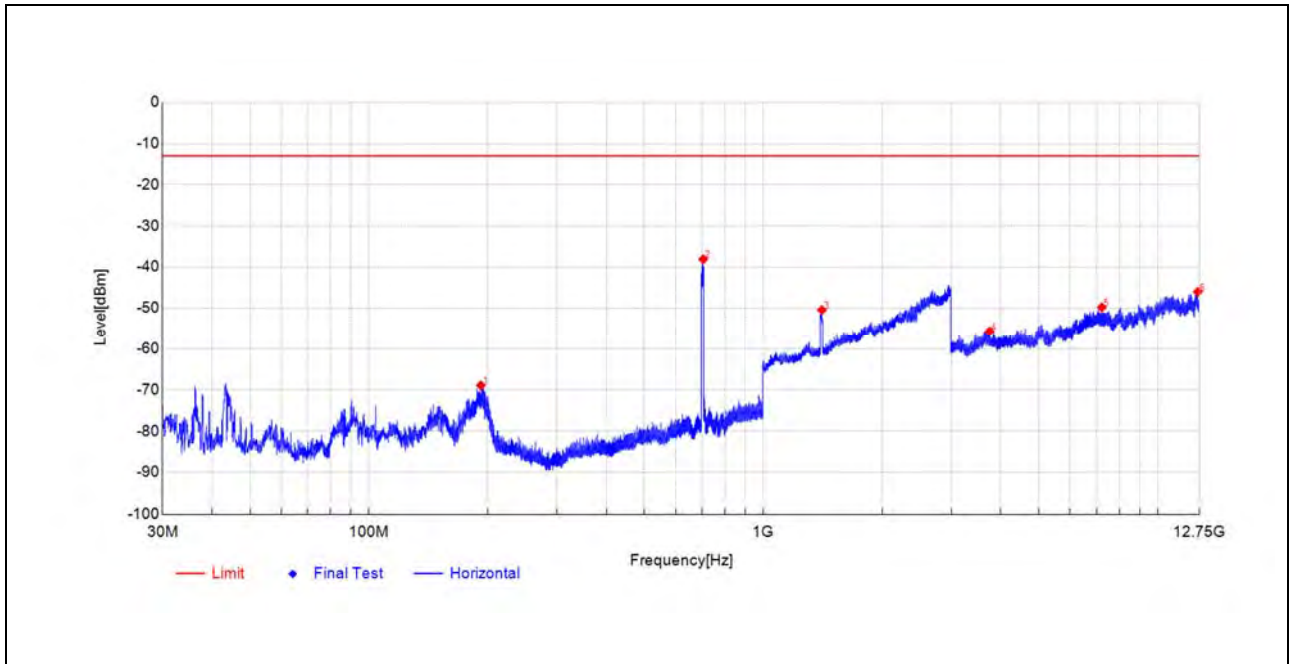
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.6777	-53.21	-68.51	-15.3	-25.0	43.5	Horizontal	PK	PASS
191.5131	-50.67	-69.91	-19.2	-25.0	44.9	Horizontal	PK	PASS
2558.3117	-55.84	-44.53	11.3	-	-	Horizontal	PK	NA
3708.1012	-56.85	-55.15	1.7	-25.0	30.2	Horizontal	PK	PASS
7218.7688	-61.97	-49.90	12.1	-25.0	24.9	Horizontal	PK	PASS
16364.574	-69.65	-44.42	25.2	-25.0	19.4	Horizontal	PK	PASS



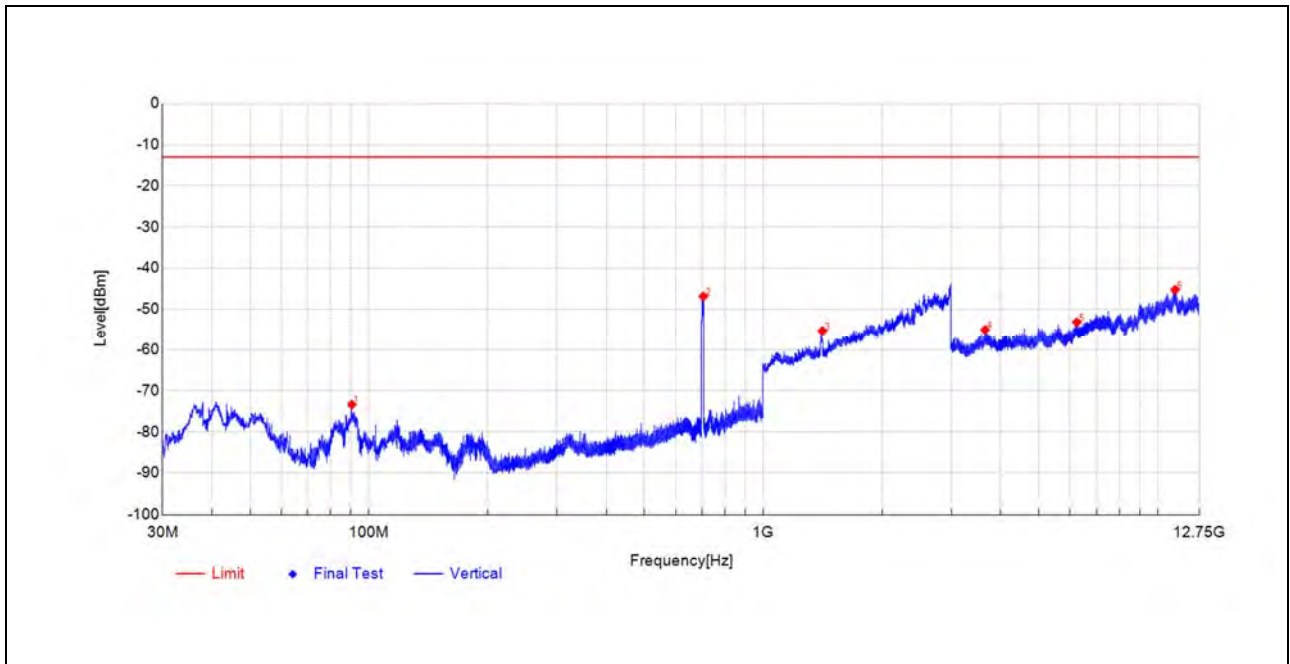
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.1998	-41.45	-61.25	-19.8	-25.0	36.3	Vertical	PK	PASS
316.3583	-48.19	-64.18	-16.0	-25.0	39.2	Vertical	PK	PASS
2557.9116	-55.96	-43.41	12.6	-	-	Vertical	PK	NA
3672.096	-57.20	-55.51	1.7	-25.0	30.5	Vertical	PK	PASS
8989.5596	-63.87	-48.42	15.5	-25.0	23.4	Vertical	PK	PASS
15393.495	-69.75	-44.20	25.6	-25.0	19.2	Vertical	PK	PASS

LTE Band 12

Plot for Low Channel

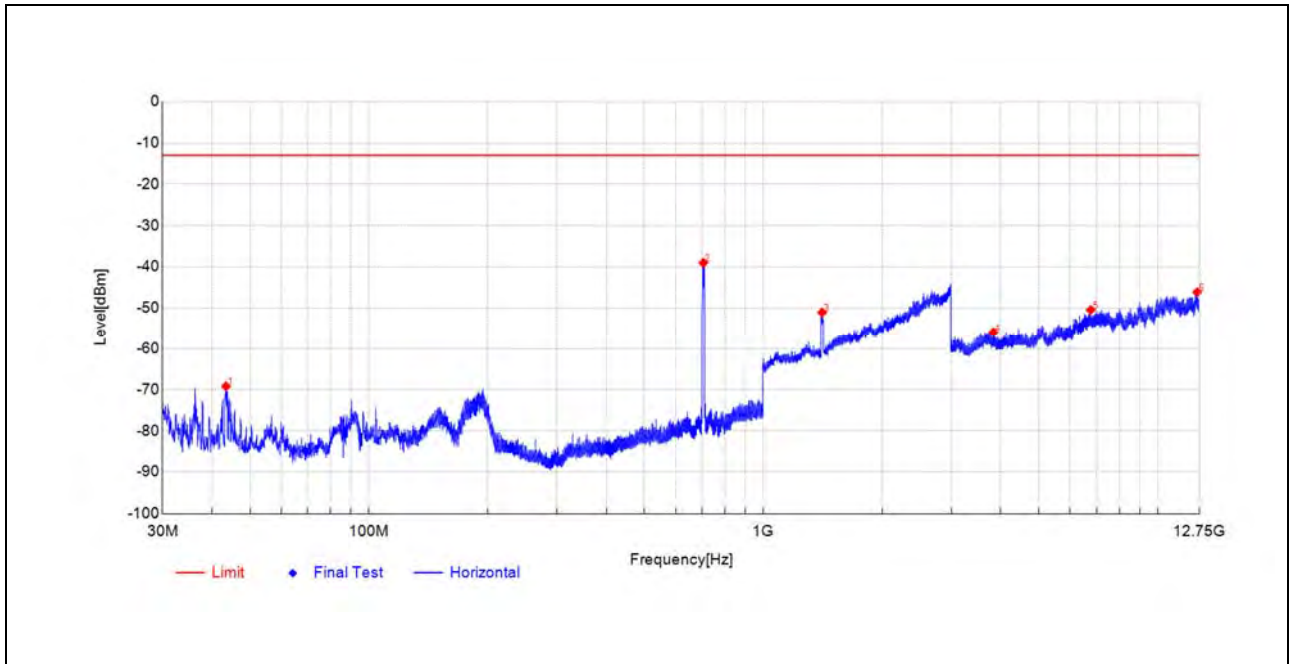


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
192.2891	-50.32	-68.92	-18.6	-13.0	55.9	Horizontal	PK	PASS
704.1352	-30.12	-38.08	-8.0	-	-	Horizontal	PK	NA
1408.0816	-49.94	-50.44	-0.5	-13.0	37.4	Horizontal	PK	PASS
3745.9123	-57.00	-55.68	1.3	-13.0	42.7	Horizontal	PK	PASS
7218.0609	-61.94	-49.78	12.2	-13.0	36.8	Horizontal	PK	PASS
12640.794	-68.87	-46.00	22.9	-13.0	33.0	Horizontal	PK	PASS

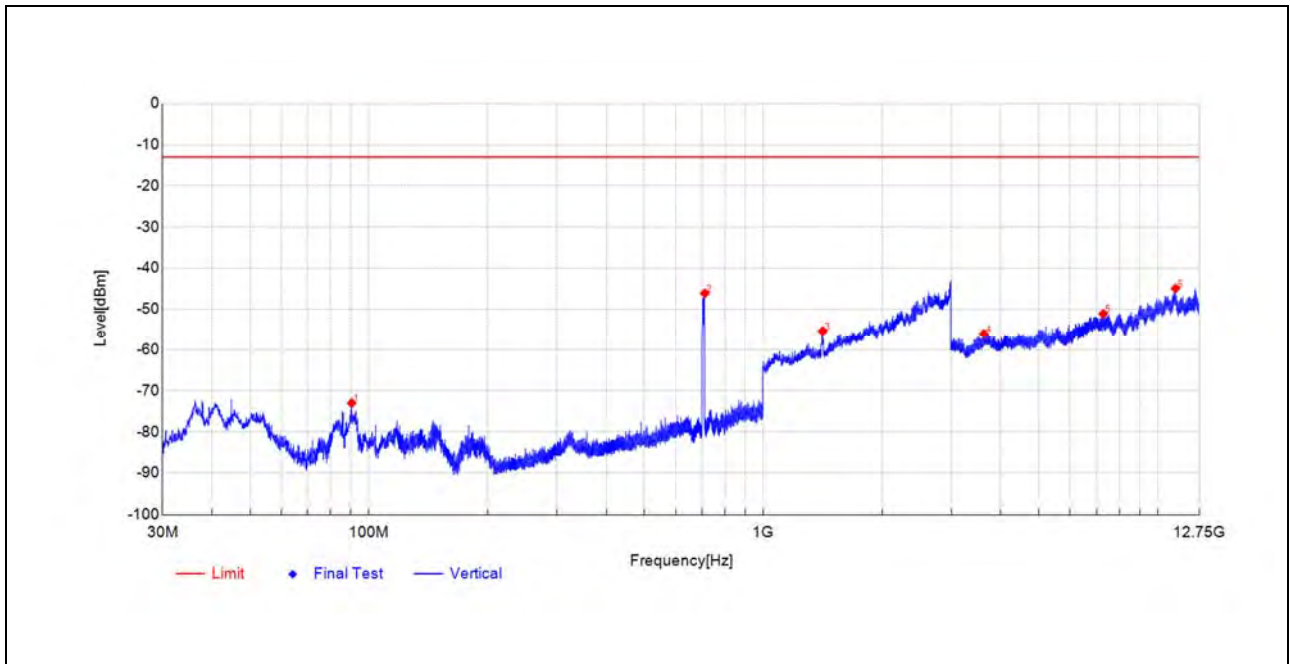


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.531	-51.30	-73.36	-22.1	-13.0	60.4	Vertical	PK	PASS
704.7172	-38.75	-46.84	-8.1	-	-	Vertical	PK	NA
1412.4825	-54.94	-55.28	-0.3	-13.0	42.3	Vertical	PK	PASS
3649.3825	-56.65	-55.02	1.6	-13.0	42.0	Vertical	PK	PASS
6235.2118	-62.29	-53.15	9.1	-13.0	40.2	Vertical	PK	PASS
11065.115	-67.49	-45.23	22.3	-13.0	32.2	Vertical	PK	PASS

Plot for Mid Channel

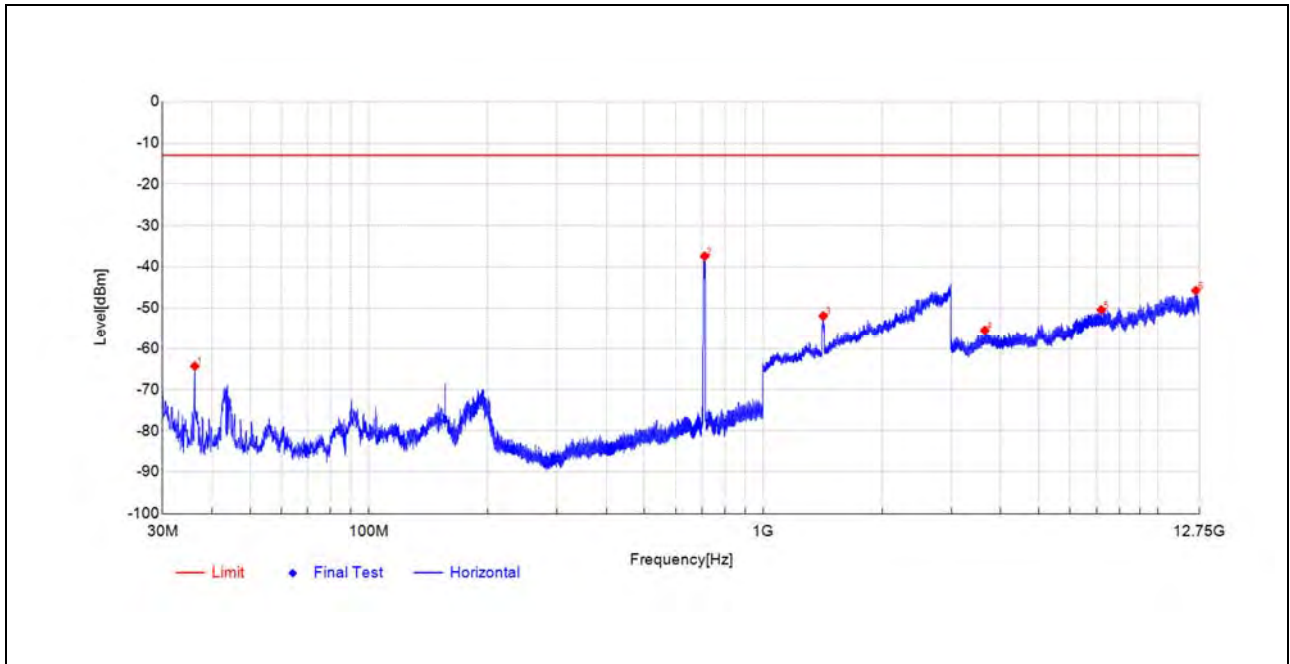


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.4352	-54.06	-69.18	-15.1	-13.0	56.2	Horizontal	PK	PASS
704.6202	-31.03	-39.00	-8.0	-	-	Horizontal	PK	NA
1410.4821	-50.57	-51.01	-0.4	-13.0	38.0	Horizontal	PK	PASS
3829.7665	-56.85	-55.91	0.9	-13.0	42.9	Horizontal	PK	PASS
6765.1508	-62.09	-50.43	11.7	-13.0	37.4	Horizontal	PK	PASS
12593.017	-69.35	-46.11	23.2	-13.0	33.1	Horizontal	PK	PASS

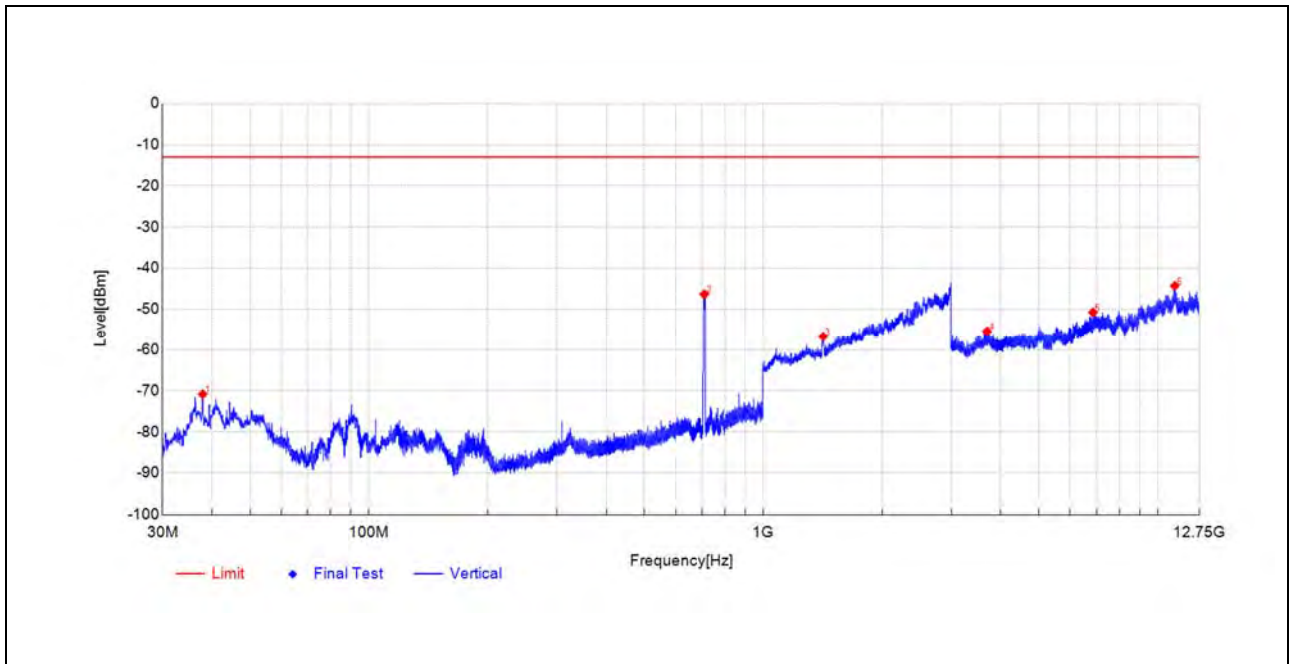


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.4825	-50.90	-72.97	-22.1	-13.0	60.0	Vertical	PK	PASS
711.0711	-38.28	-46.09	-7.8	-	-	Vertical	PK	NA
1414.883	-54.98	-55.33	-0.4	-13.0	42.3	Vertical	PK	PASS
3625.4938	-57.59	-56.02	1.6	-13.0	43.0	Vertical	PK	PASS
7277.0514	-63.04	-51.09	12.0	-13.0	38.1	Vertical	PK	PASS
11093.879	-67.29	-44.91	22.4	-13.0	31.9	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
36.2083	-49.19	-64.26	-15.1	-13.0	51.3	Horizontal	PK	PASS
710.1495	-29.71	-37.41	-7.7	-	-	Horizontal	PK	NA
1419.2839	-51.68	-51.89	-0.2	-13.0	38.9	Horizontal	PK	PASS
3644.0197	-57.11	-55.40	1.7	-13.0	42.4	Horizontal	PK	PASS
7192.7096	-62.42	-50.39	12.0	-13.0	37.4	Horizontal	PK	PASS
12497.462	-69.09	-45.72	23.4	-13.0	32.7	Horizontal	PK	PASS

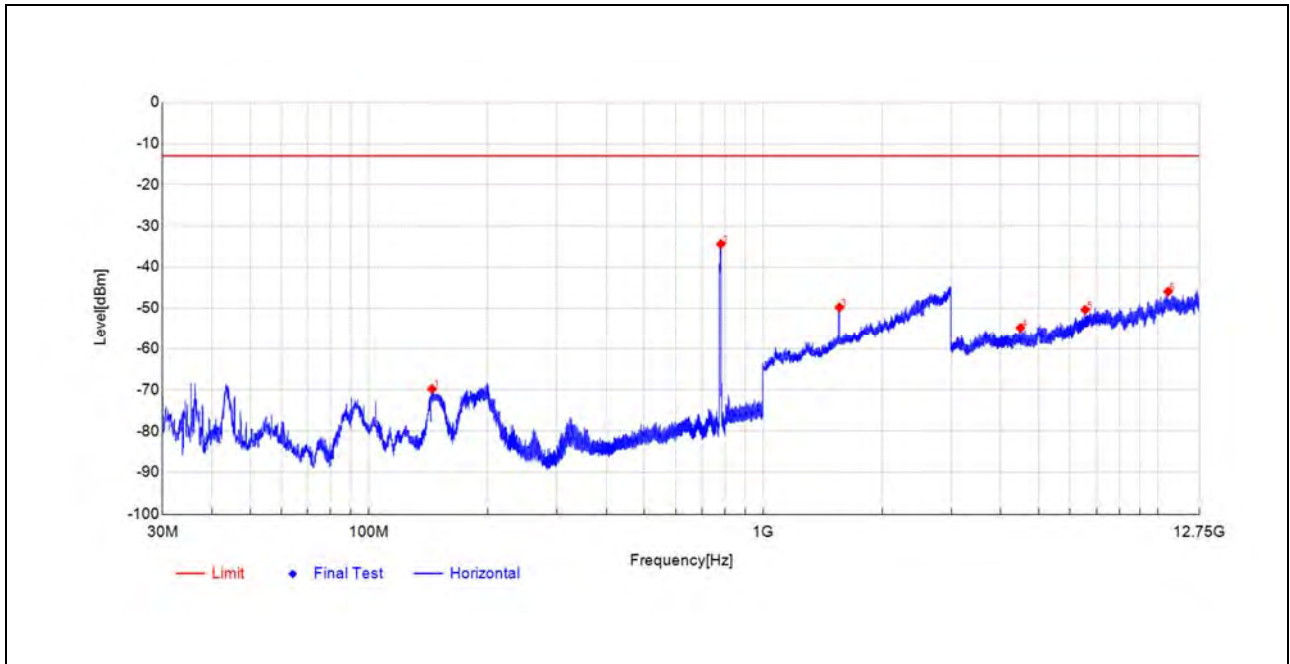


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-48.43	-70.83	-22.4	-13.0	57.8	Vertical	PK	PASS
708.7914	-38.42	-46.32	-7.9	-	-	Vertical	PK	NA
1418.4837	-56.35	-56.72	-0.4	-13.0	43.7	Vertical	PK	PASS
3693.7472	-57.15	-55.40	1.8	-13.0	42.4	Vertical	PK	PASS
6853.3927	-61.55	-50.77	10.8	-13.0	37.8	Vertical	PK	PASS
11048.052	-66.46	-44.26	22.2	-13.0	31.3	Vertical	PK	PASS

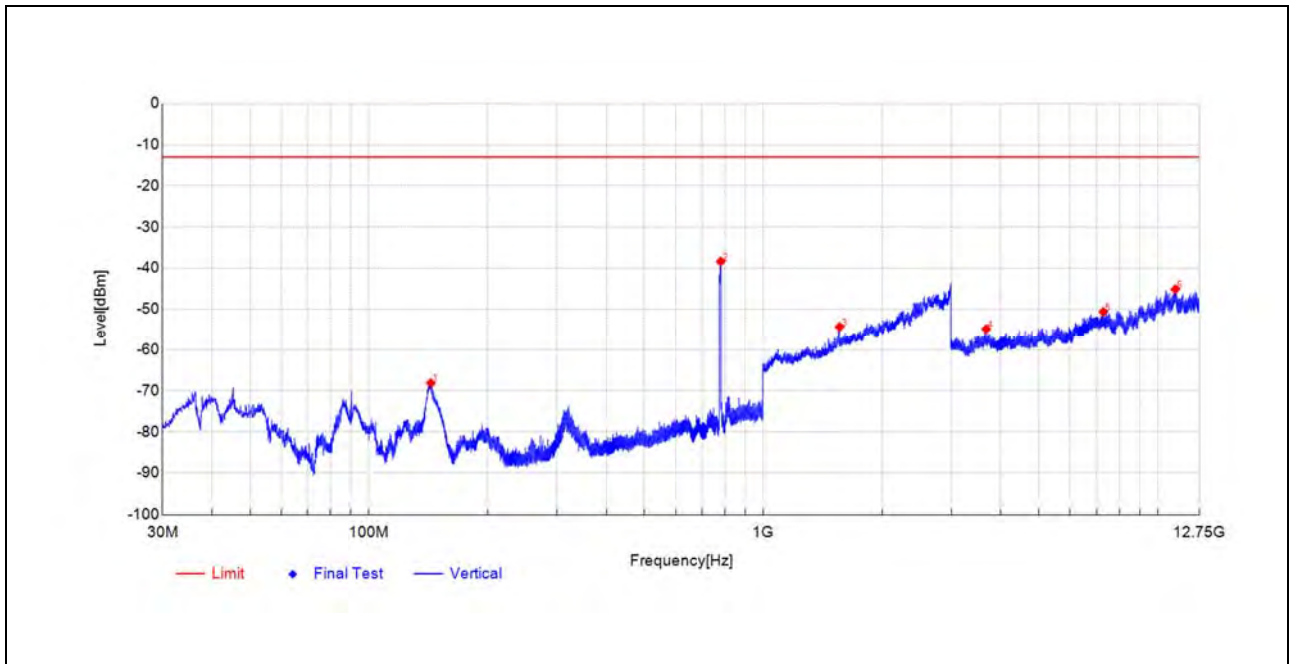


LTE Band 13

Plot for Low Channel



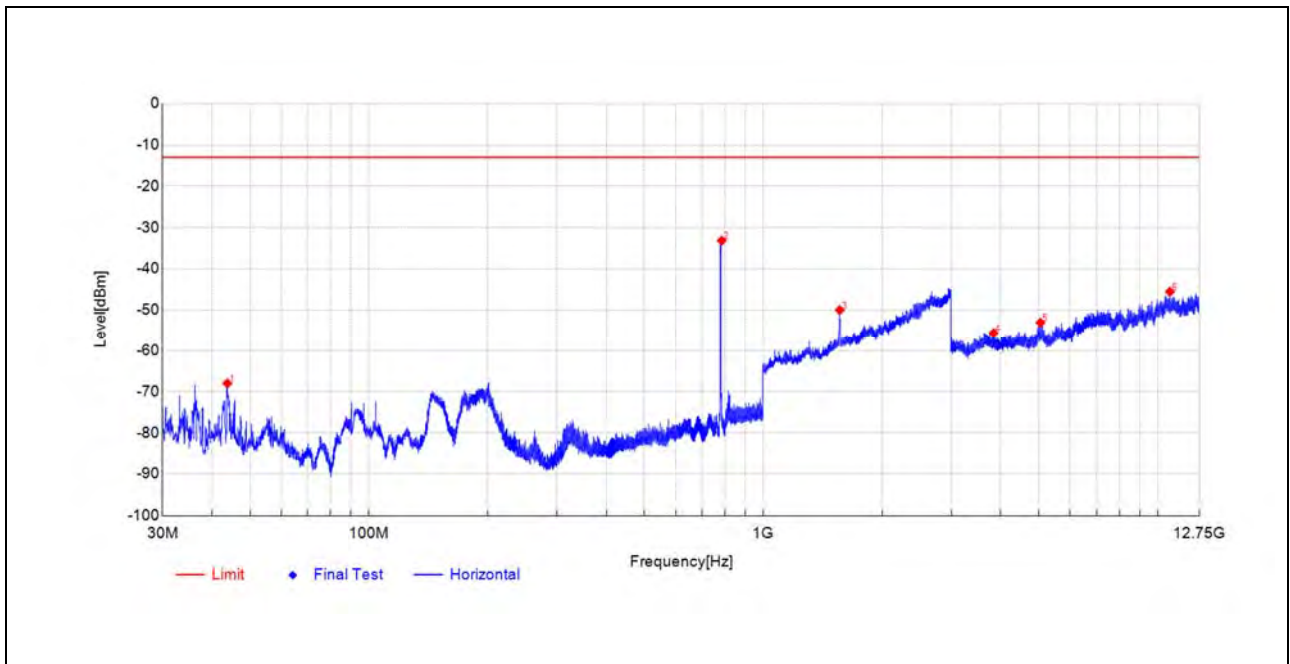
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
144.6112	-44.34	-69.80	-25.5	-13.0	56.8	Horizontal	PK	PASS
780.575	-27.12	-34.38	-7.3	-	-	Horizontal	PK	NA
1559.3119	-52.26	-49.78	2.5	-13.0	36.8	Horizontal	PK	PASS
4487.9244	-57.85	-54.79	3.1	-13.0	41.8	Horizontal	PK	PASS
6551.1276	-61.24	-50.36	10.9	-13.0	37.4	Horizontal	PK	PASS
10624.393	-65.31	-45.97	19.3	-13.0	33.0	Horizontal	PK	PASS



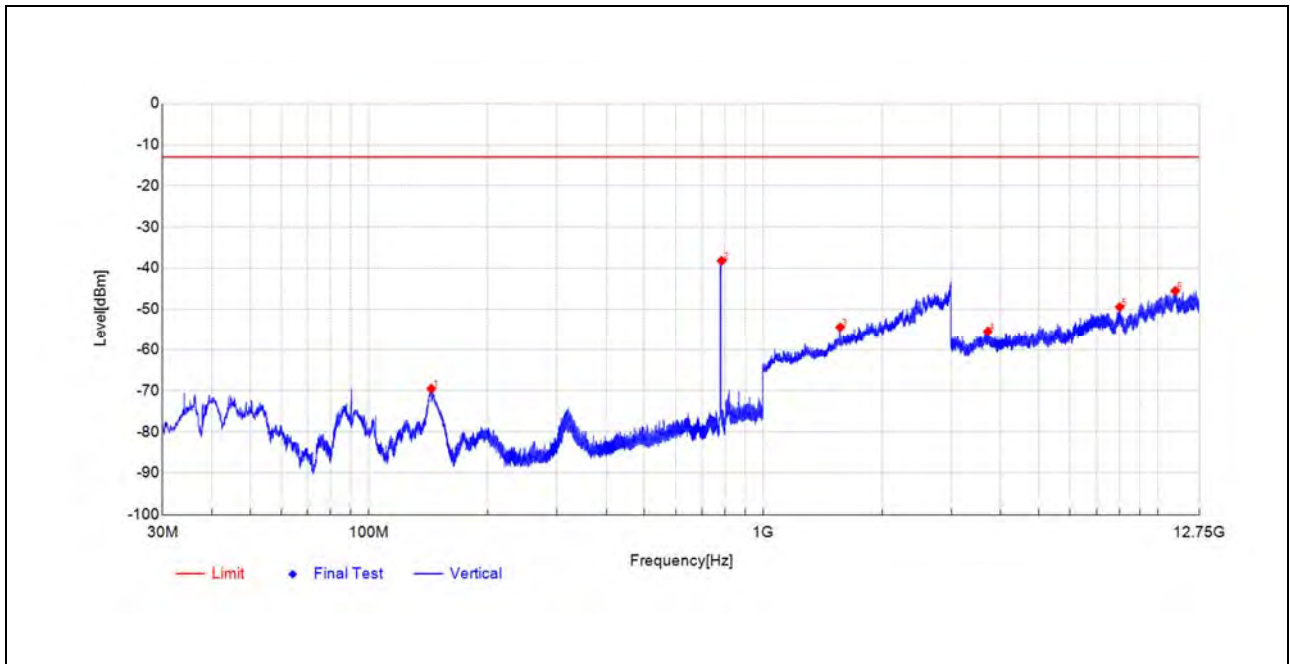
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
143.5927	-47.07	-68.14	-21.1	-13.0	55.1	Vertical	PK	PASS
780.09	-31.25	-38.37	-7.1	-	-	Vertical	PK	NA
1561.7123	-56.93	-54.29	2.6	-13.0	41.3	Vertical	PK	PASS
3675.7088	-56.53	-54.82	1.7	-13.0	41.8	Vertical	PK	PASS
7280.9515	-62.59	-50.61	12.0	-13.0	37.6	Vertical	PK	PASS
11080.229	-67.44	-45.12	22.3	-13.0	32.1	Vertical	PK	PASS



Plot for Mid Channel

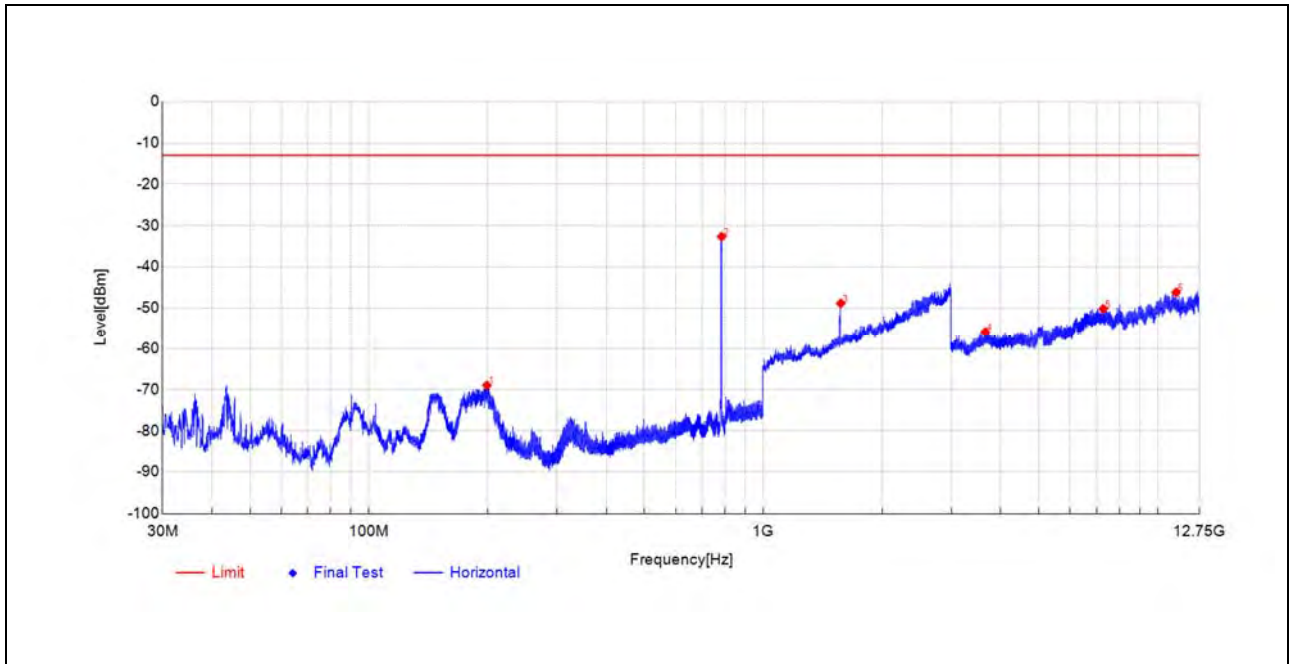


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.7747	-52.85	-67.97	-15.1	-13.0	55.0	Horizontal	PK	PASS
784.0672	-25.93	-33.15	-7.2	-	-	Horizontal	PK	NA
1561.7123	-52.45	-49.96	2.5	-13.0	37.0	Horizontal	PK	PASS
3836.5918	-56.56	-55.59	1.0	-13.0	42.6	Horizontal	PK	PASS
5042.7271	-59.12	-53.03	6.1	-13.0	40.0	Horizontal	PK	PASS
10736.036	-64.91	-45.51	19.4	-13.0	32.5	Horizontal	PK	PASS

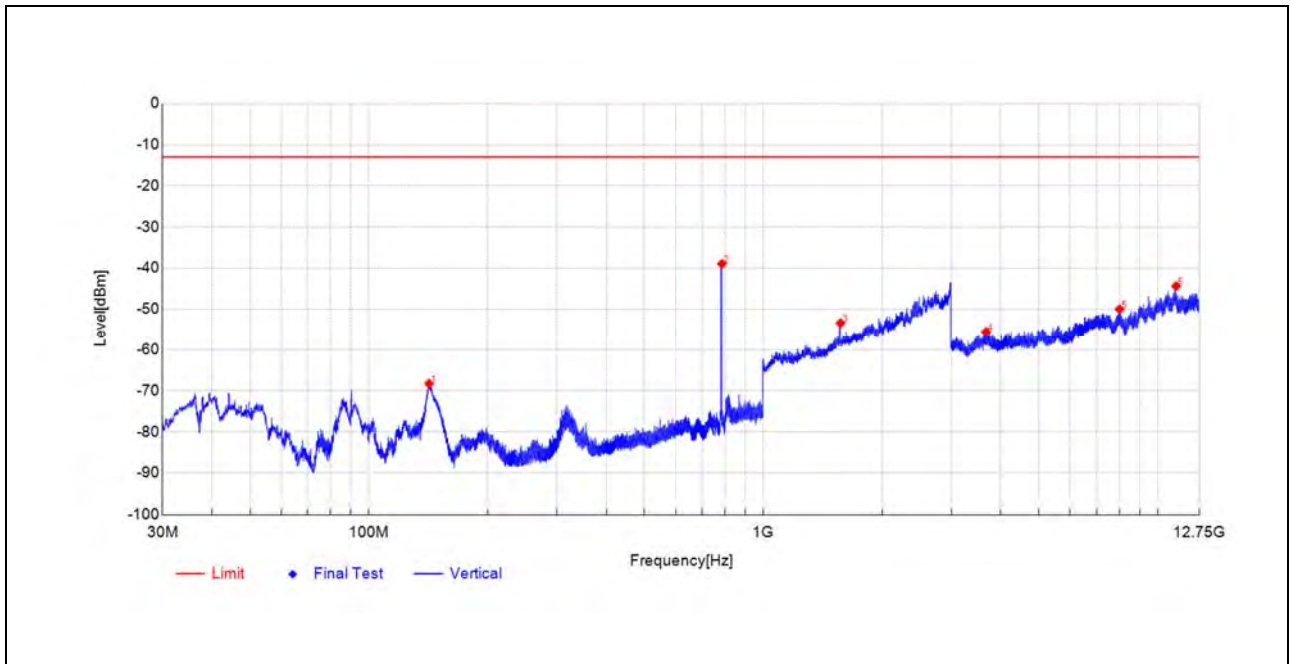


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
144.0292	-48.39	-69.52	-21.1	-13.0	56.5	Vertical	PK	PASS
784.0672	-31.19	-38.20	-7.0	-	-	Vertical	PK	NA
1566.9134	-56.93	-54.38	2.6	-13.0	41.4	Vertical	PK	PASS
3708.3729	-57.09	-55.41	1.7	-13.0	42.4	Vertical	PK	PASS
8014.1882	-62.47	-49.44	13.0	-13.0	36.4	Vertical	PK	PASS
11078.766	-67.84	-45.52	22.3	-13.0	32.5	Vertical	PK	PASS

Plot for High Channel



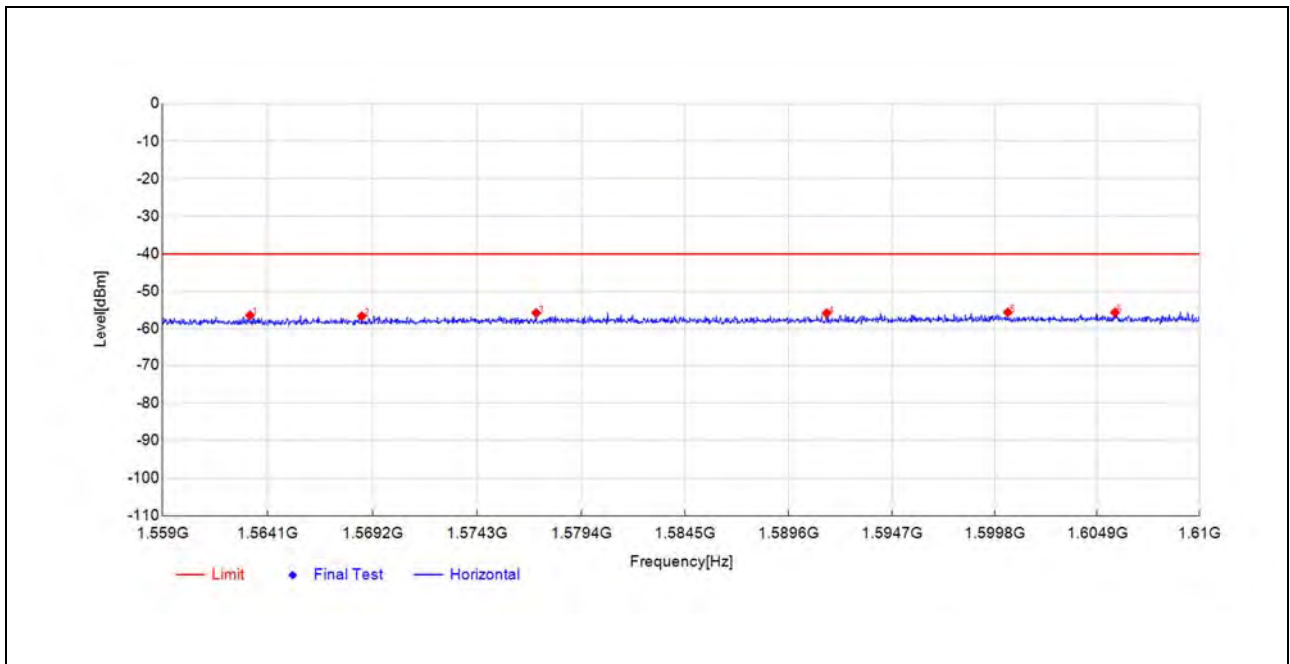
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
199.225	-51.60	-68.96	-17.4	-13.0	56.0	Horizontal	PK	PASS
784.0187	-25.44	-32.66	-7.2	-	-	Horizontal	PK	NA
1572.1144	-51.33	-48.82	2.5	-13.0	35.8	Horizontal	PK	PASS
3655.7203	-57.53	-55.81	1.7	-13.0	42.8	Horizontal	PK	PASS
7279.489	-62.76	-50.15	12.6	-13.0	37.2	Horizontal	PK	PASS
11132.881	-66.12	-46.14	20.0	-13.0	33.1	Horizontal	PK	PASS



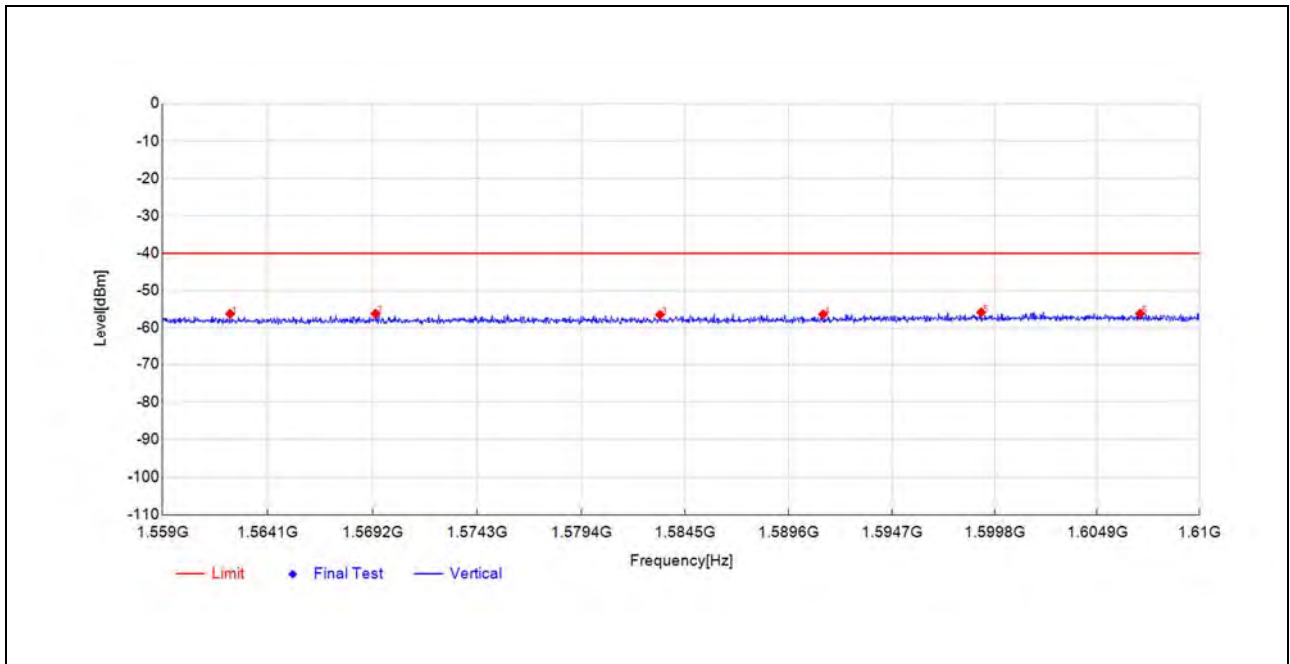
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
142.1861	-47.47	-68.31	-20.8	-13.0	55.3	Vertical	PK	PASS
785.3768	-31.94	-38.93	-7.0	-	-	Vertical	PK	NA
1569.3139	-55.88	-53.36	2.5	-13.0	40.4	Vertical	PK	PASS
3670.346	-57.23	-55.54	1.7	-13.0	42.5	Vertical	PK	PASS
8002.9751	-63.00	-49.98	13.0	-13.0	37.0	Vertical	PK	PASS
11134.344	-66.30	-44.37	21.9	-13.0	31.4	Vertical	PK	PASS



Plot for 1559MHz-1610MHz



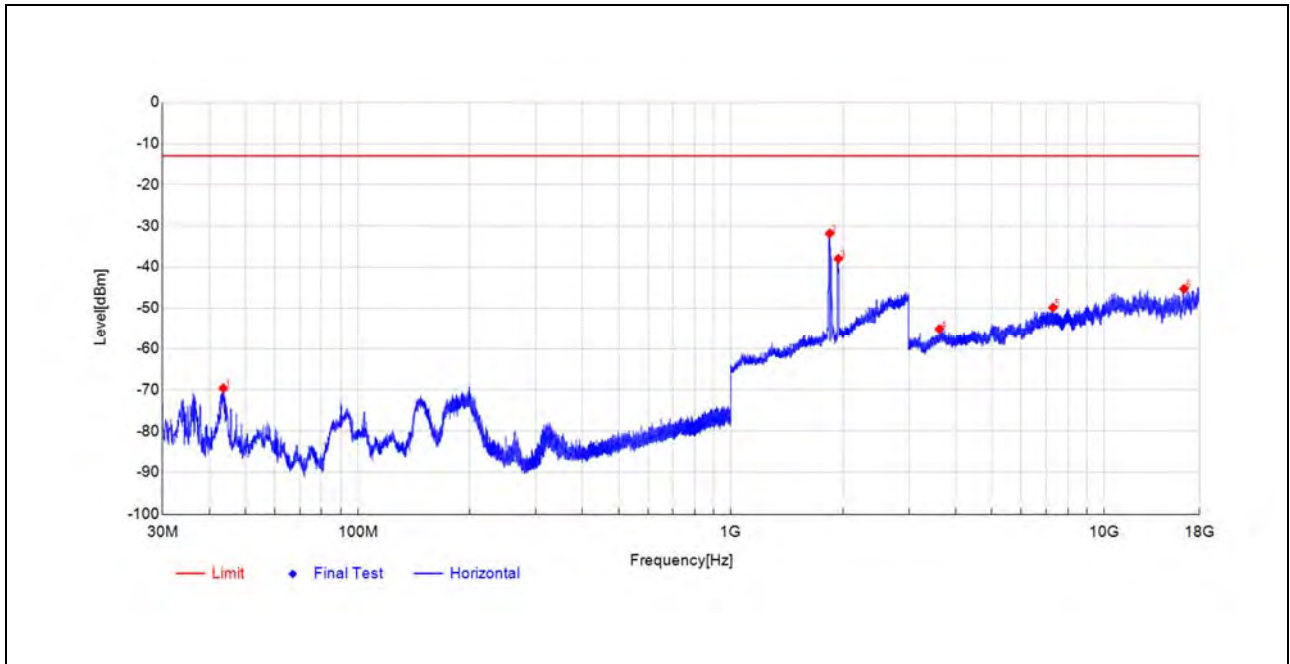
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1563.2351	-58.84	-56.34	2.5	-40.0	16.3	Horizontal	PK	PASS
1568.6693	-59.07	-56.57	2.5	-40.0	16.6	Horizontal	PK	PASS
1577.1906	-58.24	-55.71	2.5	-40.0	15.7	Horizontal	PK	PASS
1591.4777	-58.30	-55.78	2.5	-40.0	15.8	Horizontal	PK	PASS
1600.4582	-58.07	-55.56	2.5	-40.0	15.6	Horizontal	PK	PASS
1605.7904	-58.13	-55.60	2.5	-40.0	15.6	Horizontal	PK	PASS



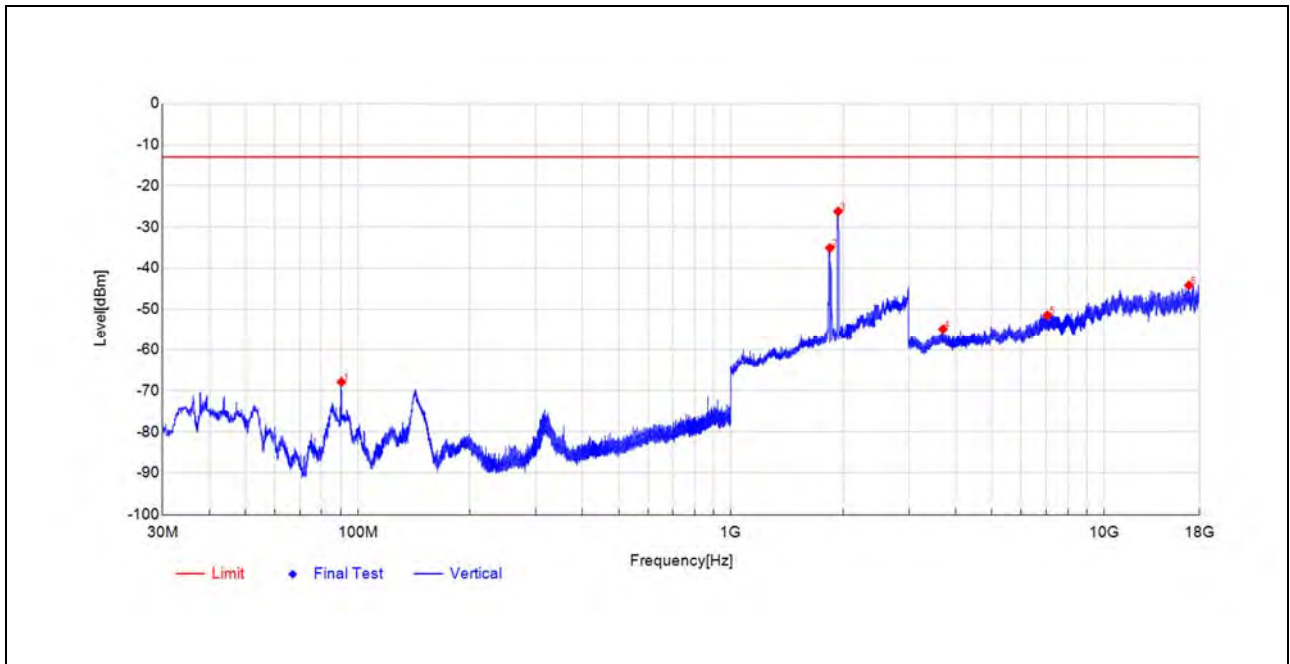
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1562.2656	-58.81	-56.18	2.6	-40.0	16.2	Vertical	PK	PASS
1569.3327	-58.64	-56.13	2.5	-40.0	16.1	Vertical	PK	PASS
1583.2626	-58.79	-56.41	2.4	-40.0	16.4	Vertical	PK	PASS
1591.2992	-58.80	-56.32	2.5	-40.0	16.3	Vertical	PK	PASS
1599.1316	-58.36	-55.78	2.6	-40.0	15.8	Vertical	PK	PASS
1607.0405	-58.82	-56.14	2.7	-40.0	16.1	Vertical	PK	PASS

**LTE Band 25**

Plot for Low Channel



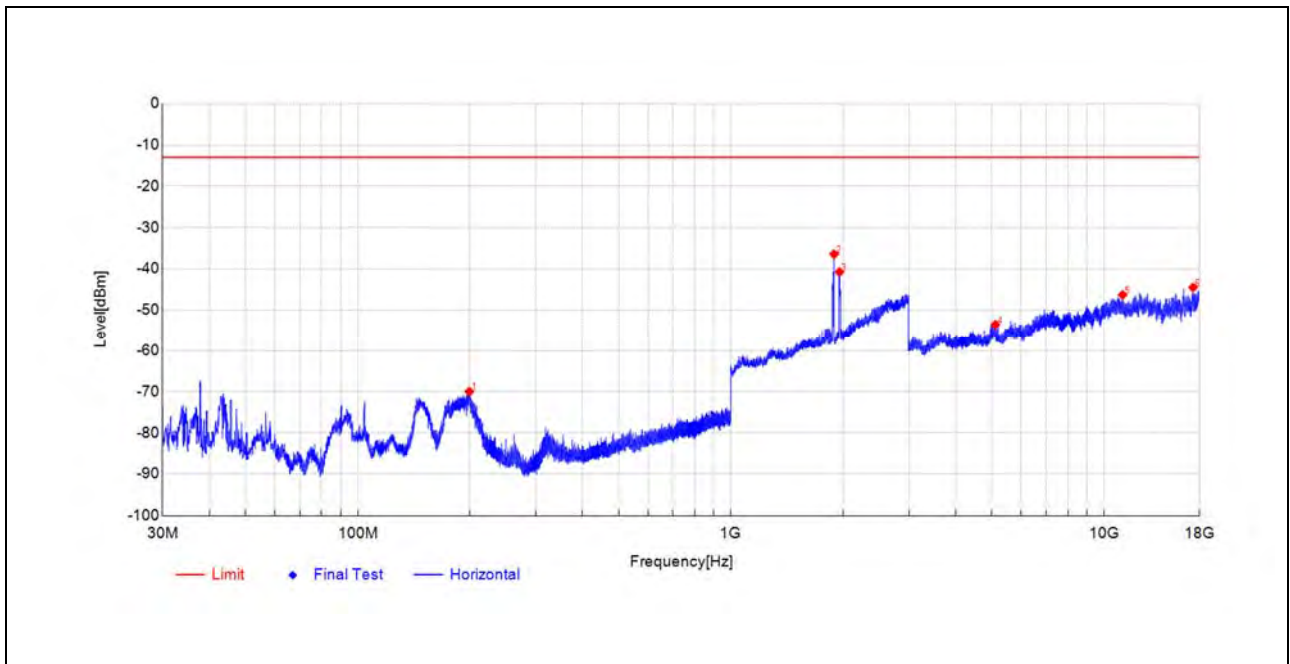
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.6292	-54.28	-69.63	-15.4	-13.0	56.6	Horizontal	PK	PASS
1838.9678	-36.06	-31.84	4.2	-	-	Horizontal	PK	NA
1938.9878	-42.07	-37.97	4.1	-	-	Horizontal	PK	NA
3621.5174	-56.76	-55.09	1.7	-13.0	42.1	Horizontal	PK	PASS
7294.6118	-62.34	-49.84	12.5	-13.0	36.8	Horizontal	PK	PASS
16378.975	-70.73	-45.28	25.5	-13.0	32.3	Horizontal	PK	PASS



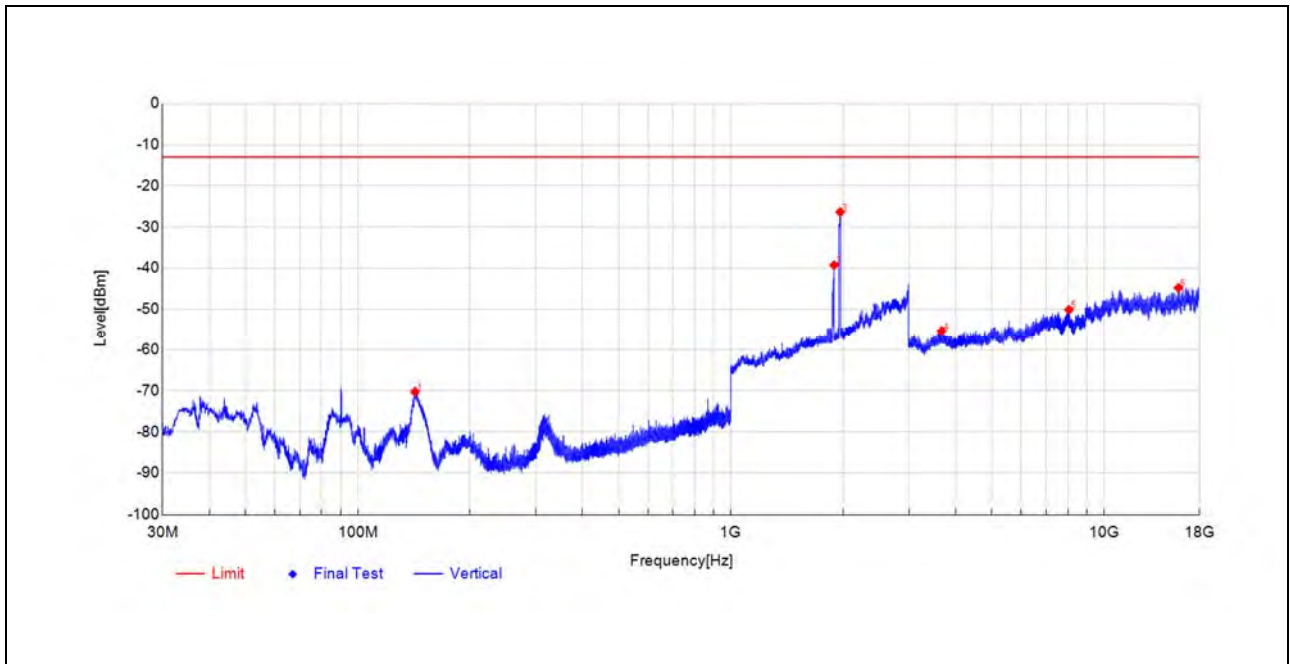
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
90.434	-45.60	-67.88	-22.3	-13.0	54.9	Vertical	PK	PASS
1842.1684	-39.60	-35.08	4.5	-	-	Vertical	PK	NA
1937.3875	-30.14	-26.23	3.9	-	-	Vertical	PK	NA
3702.1003	-56.56	-54.82	1.7	-13.0	41.8	Vertical	PK	PASS
7050.762	-62.38	-51.43	11.0	-13.0	38.4	Vertical	PK	PASS
16881.075	-70.48	-44.19	26.3	-13.0	31.2	Vertical	PK	PASS



Plot for Mid Channel



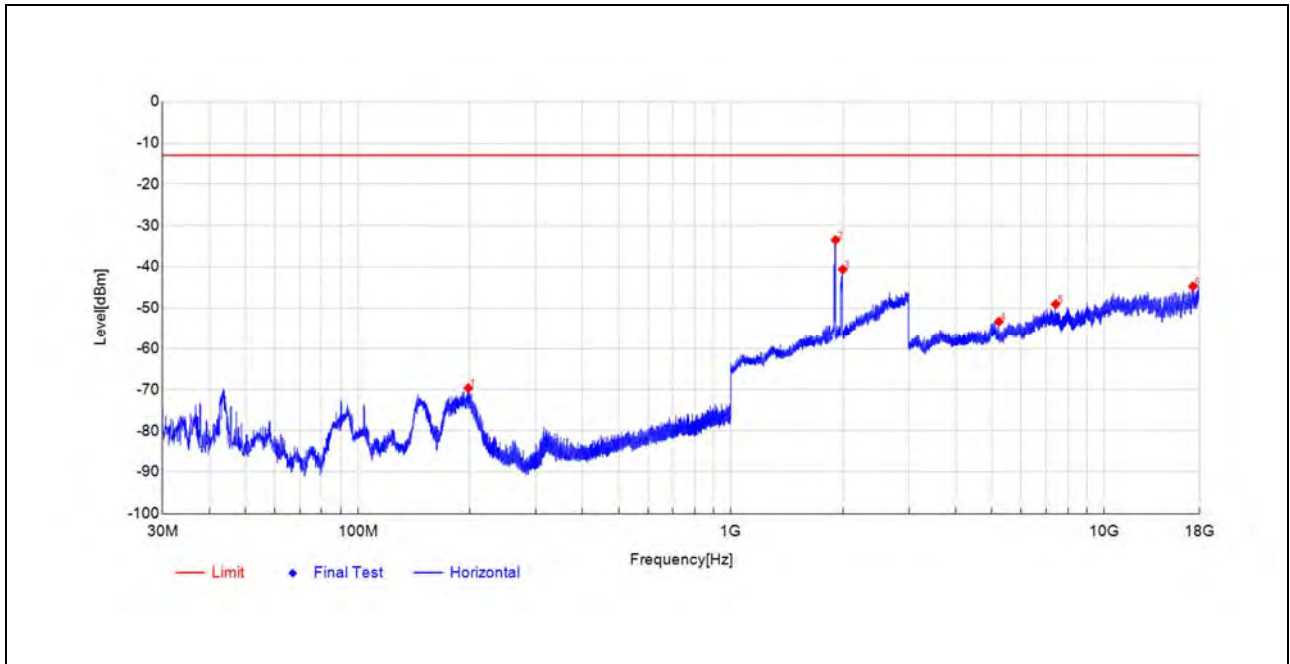
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
199.128	-51.98	-69.95	-18.0	-13.0	57.0	Horizontal	PK	PASS
1890.178	-41.31	-36.42	4.9	-	-	Horizontal	PK	NA
1954.1908	-45.17	-40.73	4.4	-	-	Horizontal	PK	NA
5112.7304	-59.45	-53.51	5.9	-13.0	40.5	Horizontal	PK	PASS
11206.768	-66.61	-46.29	20.3	-13.0	33.3	Horizontal	PK	PASS
17320.292	-68.68	-44.51	24.2	-13.0	31.5	Horizontal	PK	PASS



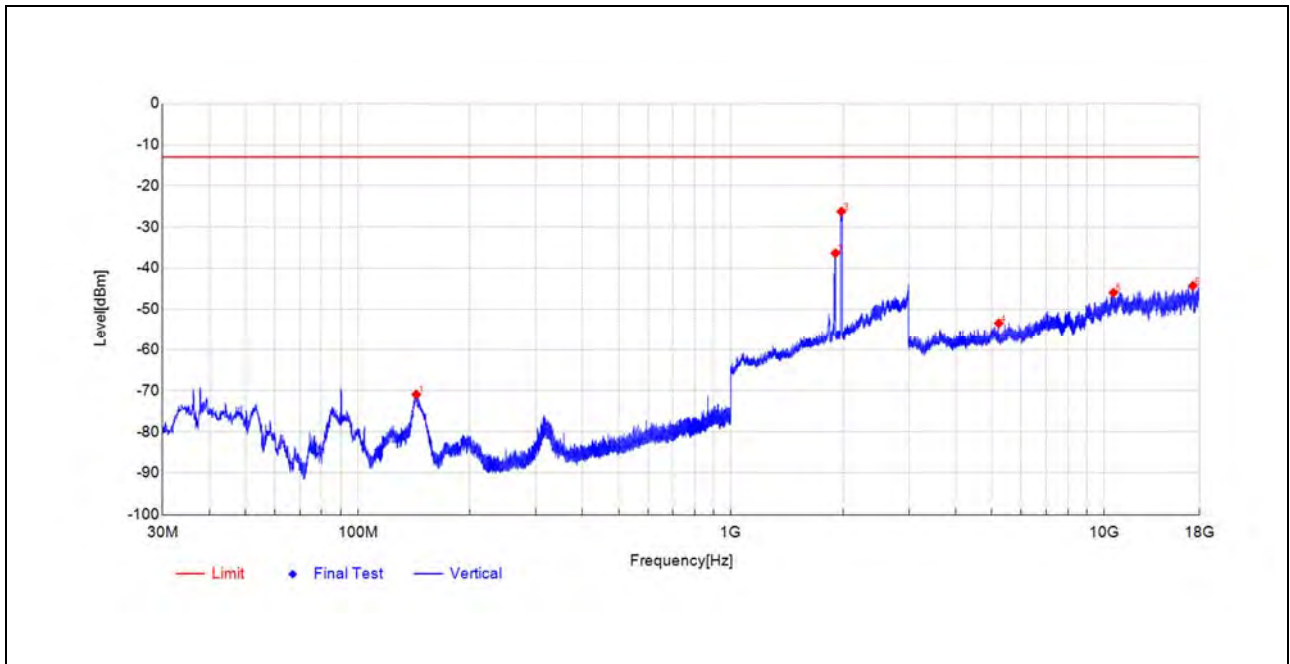
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
142.4771	-49.17	-70.24	-21.1	-13.0	57.2	Vertical	PK	PASS
1890.9782	-44.35	-39.25	5.1	-	-	Vertical	PK	NA
1963.3927	-30.67	-26.36	4.3	-	-	Vertical	PK	NA
3671.6674	-56.98	-55.29	1.7	-13.0	42.3	Vertical	PK	PASS
8054.4822	-63.10	-50.11	13.0	-13.0	37.1	Vertical	PK	PASS
15827.913	-69.78	-44.78	25.0	-13.0	31.8	Vertical	PK	PASS



Plot for High Channel



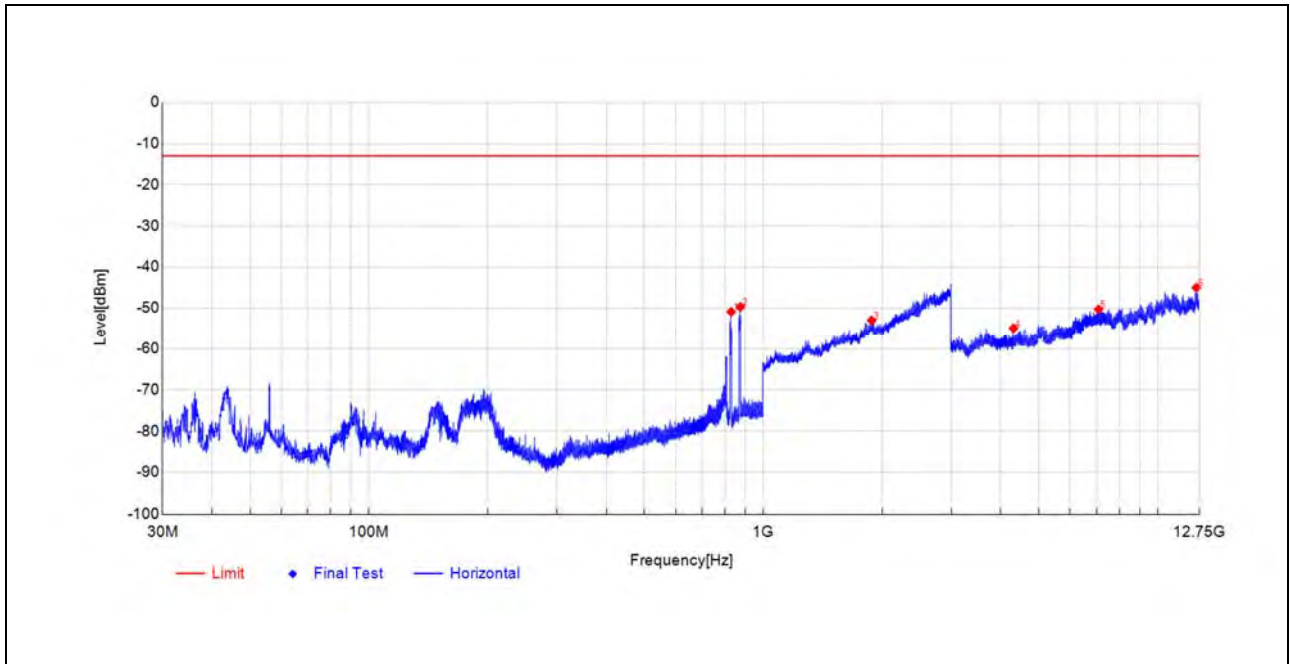
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
197.9154	-51.43	-69.62	-18.2	-13.0	56.6	Horizontal	PK	PASS
1906.5813	-37.77	-33.49	4.3	-	-	Horizontal	PK	NA
1992.9986	-44.80	-40.59	4.2	-	-	Horizontal	PK	NA
5227.1753	-58.46	-53.26	5.2	-13.0	40.3	Horizontal	PK	PASS
7420.8568	-61.30	-49.01	12.3	-13.0	36.0	Horizontal	PK	PASS
17293.411	-68.65	-44.71	23.9	-13.0	31.7	Horizontal	PK	PASS



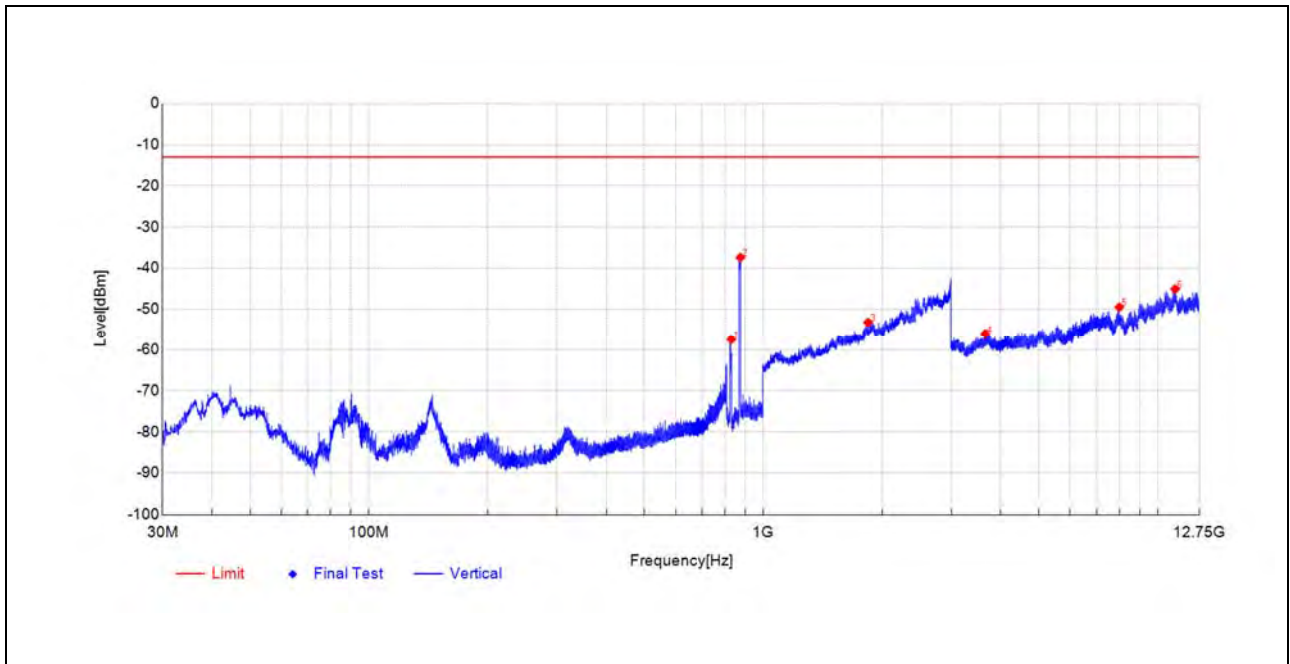
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
143.5442	-49.66	-70.90	-21.2	-13.0	57.9	Vertical	PK	PASS
1906.1812	-41.39	-36.36	5.0	-	-	Vertical	PK	NA
1976.5953	-30.96	-26.23	4.7	-	-	Vertical	PK	NA
5225.0321	-58.37	-53.39	5.0	-13.0	40.4	Vertical	PK	PASS
10599.064	-66.02	-45.93	20.1	-13.0	32.9	Vertical	PK	PASS
17291.011	-68.81	-44.27	24.5	-13.0	31.3	Vertical	PK	PASS

**LTE Band 26**

Plot for Low Channel



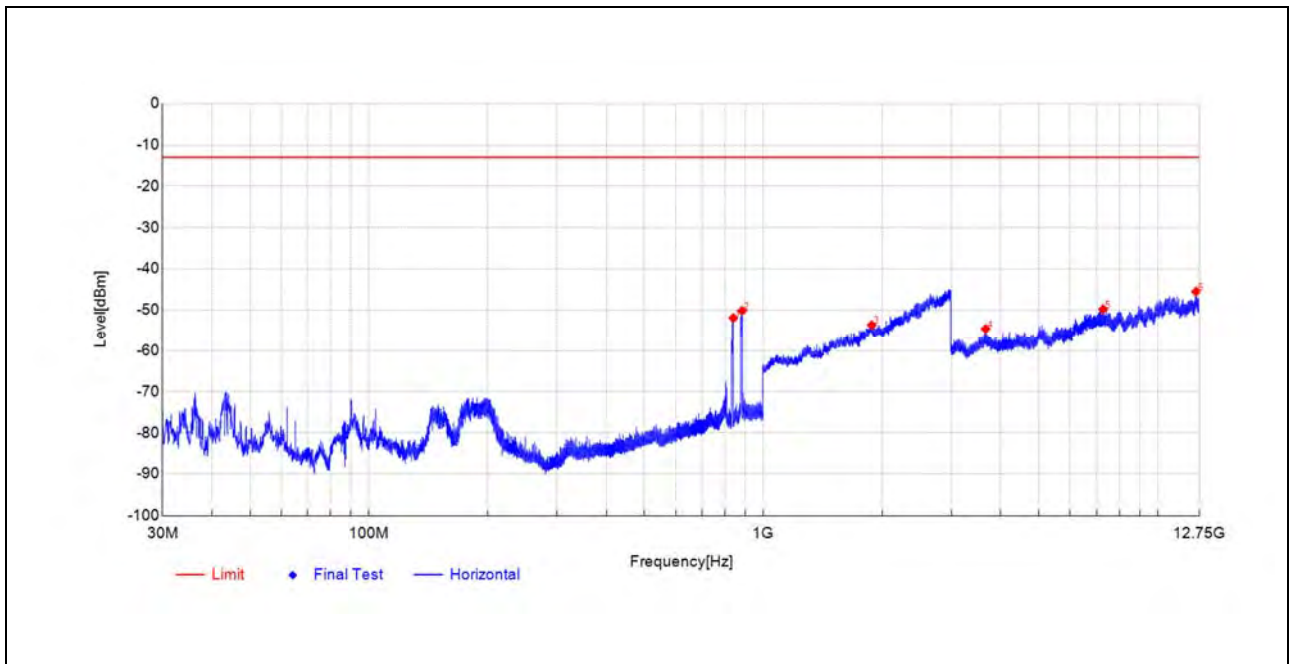
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.417	-45.14	-50.86	-5.7	-	-	Horizontal	PK	NA
874.8637	-44.89	-49.69	-4.8	-	-	Horizontal	PK	NA
1882.5765	-58.95	-52.97	6.0	-13.0	40.0	Horizontal	PK	PASS
4311.9281	-57.36	-54.90	2.5	-13.0	41.9	Horizontal	PK	PASS
7079.604	-62.30	-50.27	12.0	-13.0	37.3	Horizontal	PK	PASS
12535.001	-68.35	-44.99	23.4	-13.0	32.0	Horizontal	PK	PASS



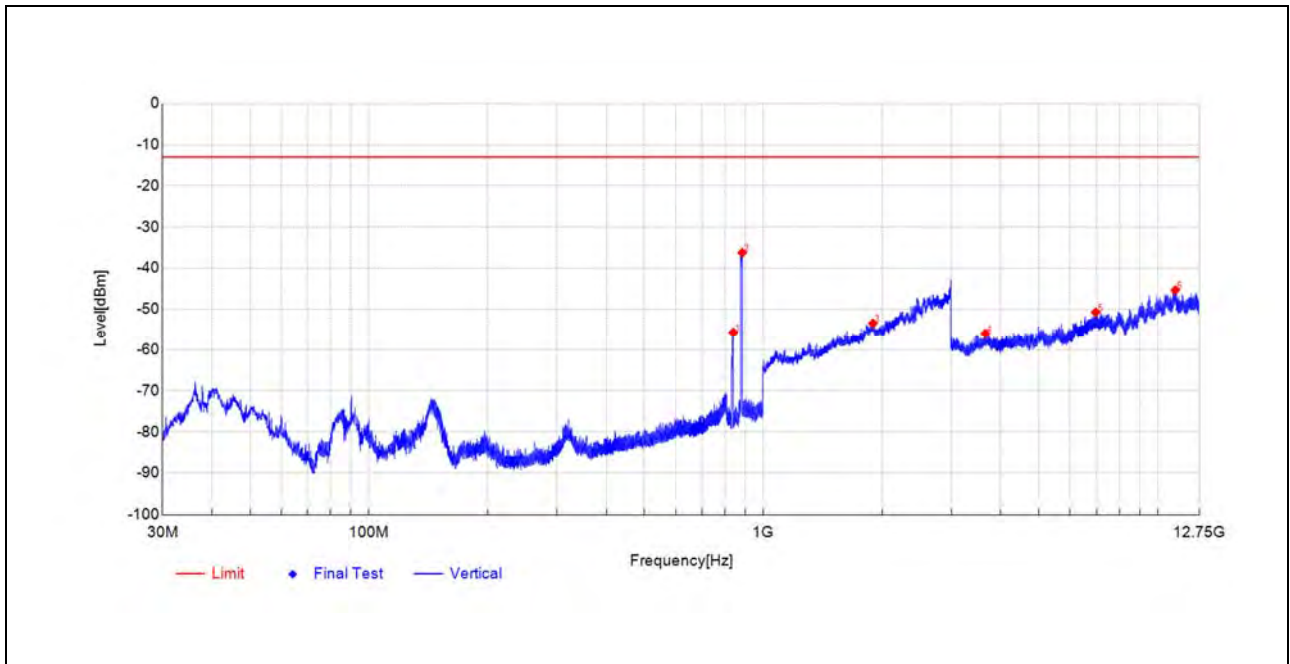
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.805	-51.47	-57.45	-6.0	-	-	Vertical	PK	NA
874.6697	-32.74	-37.41	-4.7	-	-	Vertical	PK	NA
1843.3687	-58.36	-53.21	5.2	-13.0	40.2	Vertical	PK	PASS
3652.7951	-57.68	-56.04	1.6	-13.0	43.0	Vertical	PK	PASS
7992.2496	-62.45	-49.47	13.0	-13.0	36.5	Vertical	PK	PASS
11067.065	-67.33	-45.06	22.3	-13.0	32.1	Vertical	PK	PASS



Plot for Mid Channel

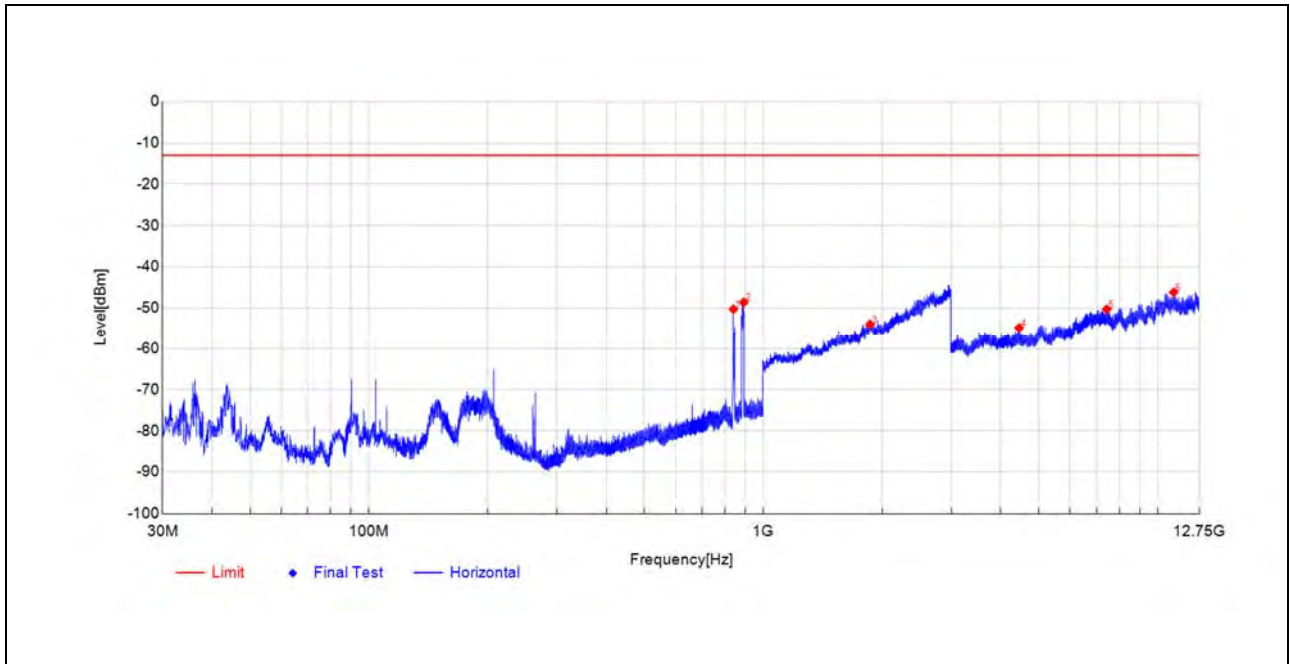


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
839.7965	-46.47	-51.91	-5.4	-	-	Horizontal	PK	NA
884.0792	-45.41	-50.13	-4.7	-	-	Horizontal	PK	NA
1883.3767	-59.58	-53.63	6.0	-13.0	40.6	Horizontal	PK	PASS
3662.5456	-56.30	-54.57	1.7	-13.0	41.6	Horizontal	PK	PASS
7269.7385	-62.29	-49.75	12.5	-13.0	36.8	Horizontal	PK	PASS
12509.163	-68.91	-45.50	23.4	-13.0	32.5	Horizontal	PK	PASS

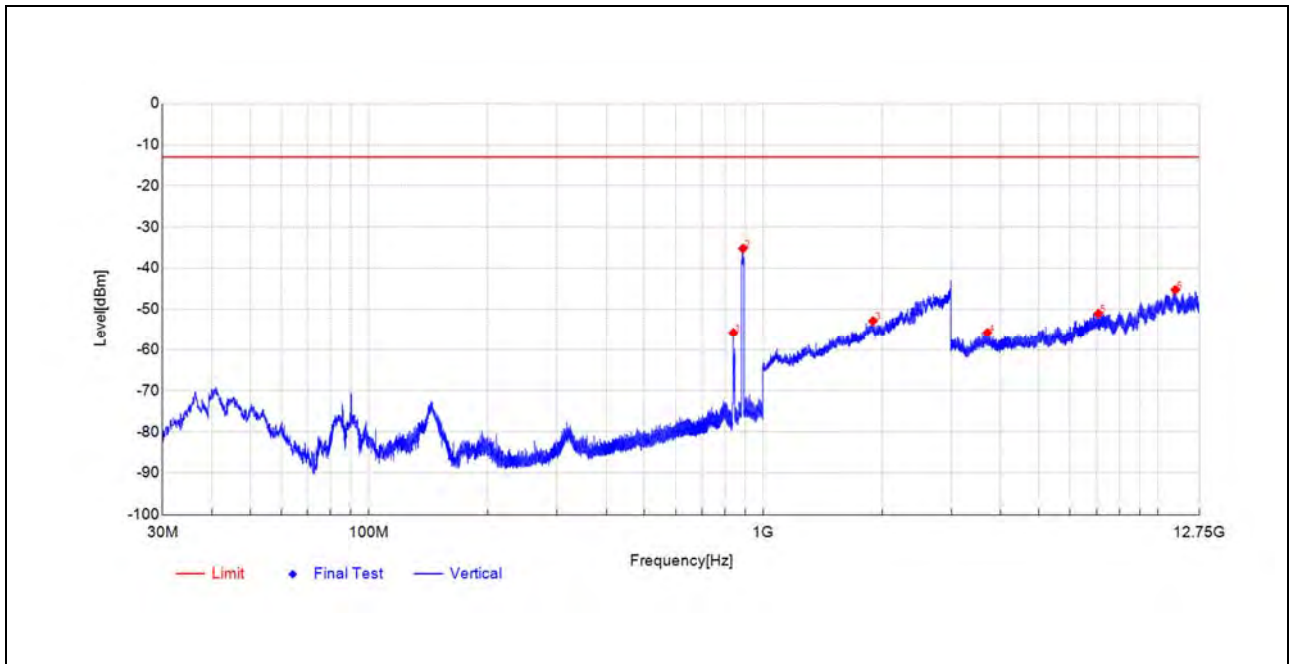


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
839.554	-49.92	-55.67	-5.8	-	-	Vertical	PK	NA
884.3217	-31.76	-36.22	-4.5	-	-	Vertical	PK	NA
1896.1792	-59.30	-53.41	5.9	-13.0	40.4	Vertical	PK	PASS
3657.1829	-57.59	-55.94	1.7	-13.0	42.9	Vertical	PK	PASS
6965.5233	-61.75	-50.74	11.0	-13.0	37.7	Vertical	PK	PASS
11080.229	-67.64	-45.32	22.3	-13.0	32.3	Vertical	PK	PASS

Plot for High Channel



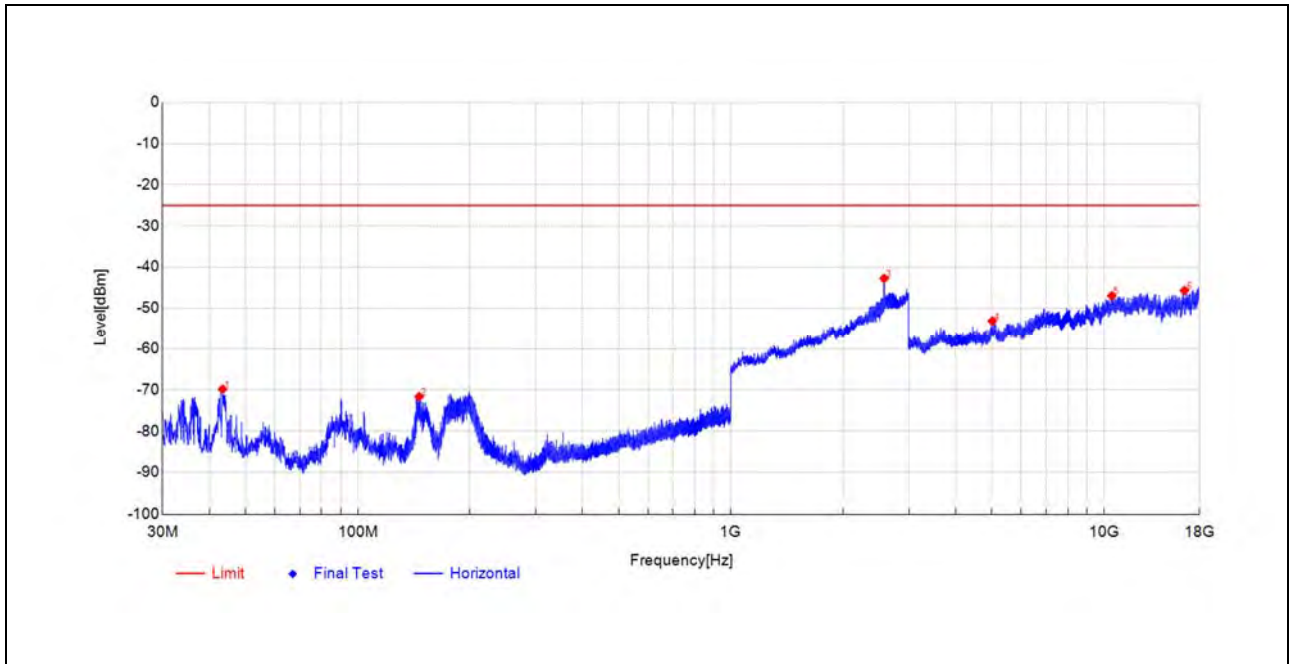
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
839.942	-44.80	-50.23	-5.4	-	-	Horizontal	PK	NA
892.5186	-43.87	-48.55	-4.7	-	-	Horizontal	PK	NA
1864.5729	-59.36	-53.92	5.4	-13.0	40.9	Horizontal	PK	PASS
4455.2603	-57.89	-54.81	3.1	-13.0	41.8	Horizontal	PK	PASS
7426.7213	-62.74	-50.25	12.5	-13.0	37.3	Horizontal	PK	PASS
10981.749	-67.11	-46.14	21.0	-13.0	33.1	Horizontal	PK	PASS



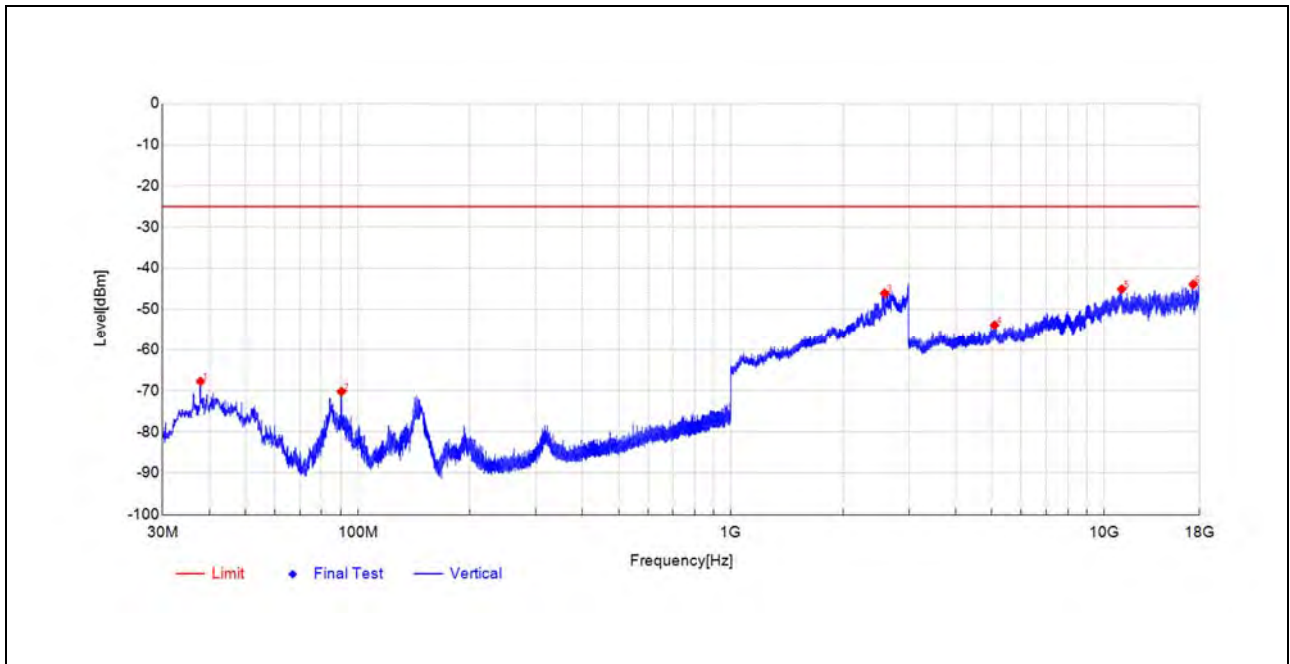
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
839.8935	-50.02	-55.76	-5.7	-	-	Vertical	PK	NA
888.0079	-30.76	-35.21	-4.5	-	-	Vertical	PK	NA
1896.9794	-58.76	-52.87	5.9	-13.0	39.9	Vertical	PK	PASS
3700.085	-57.51	-55.74	1.8	-13.0	42.7	Vertical	PK	PASS
7075.7038	-62.09	-51.03	11.1	-13.0	38.0	Vertical	PK	PASS
11084.129	-67.59	-45.25	22.3	-13.0	32.3	Vertical	PK	PASS

**LTE Band 38**

Plot for Low Channel

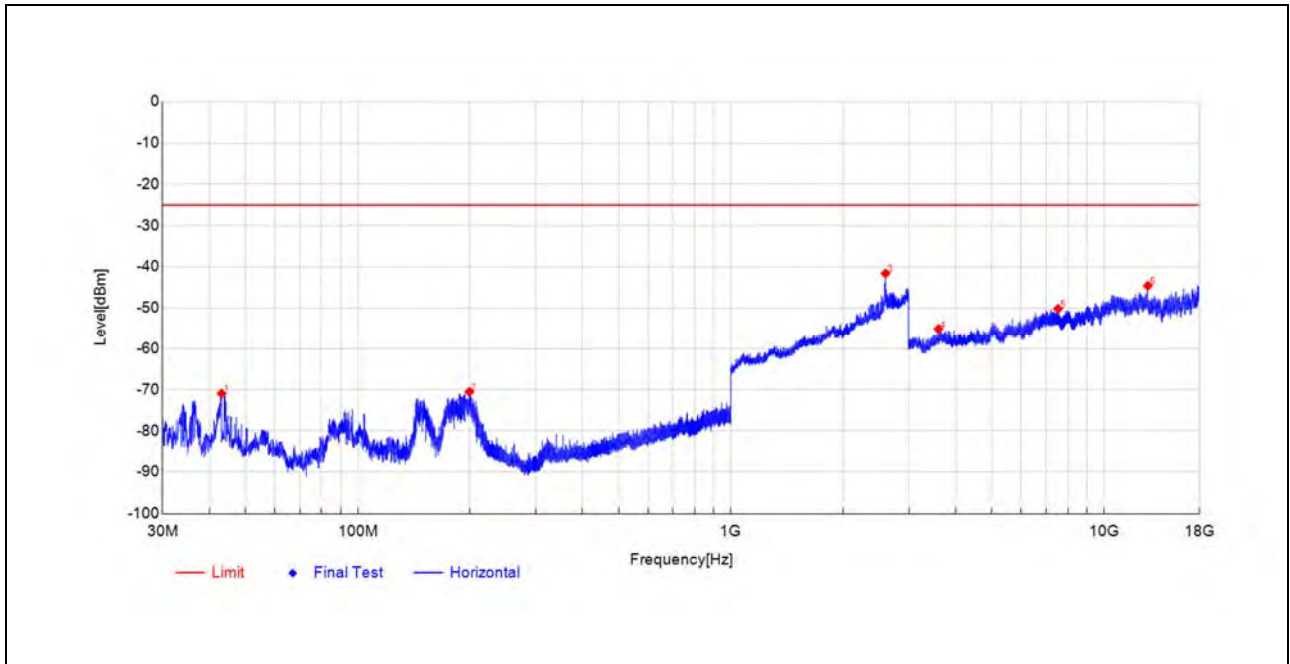


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.4352	-54.58	-69.87	-15.3	-25.0	44.9	Horizontal	PK	PASS
146.0178	-46.14	-71.65	-25.5	-25.0	46.7	Horizontal	PK	PASS
2573.9148	-54.44	-42.75	11.7	-	-	Horizontal	PK	NA
5018.8598	-59.19	-53.10	6.1	-25.0	28.1	Horizontal	PK	PASS
10487.219	-66.30	-46.97	19.3	-25.0	22.0	Horizontal	PK	PASS
16423.136	-70.67	-45.67	25.0	-25.0	20.7	Horizontal	PK	PASS

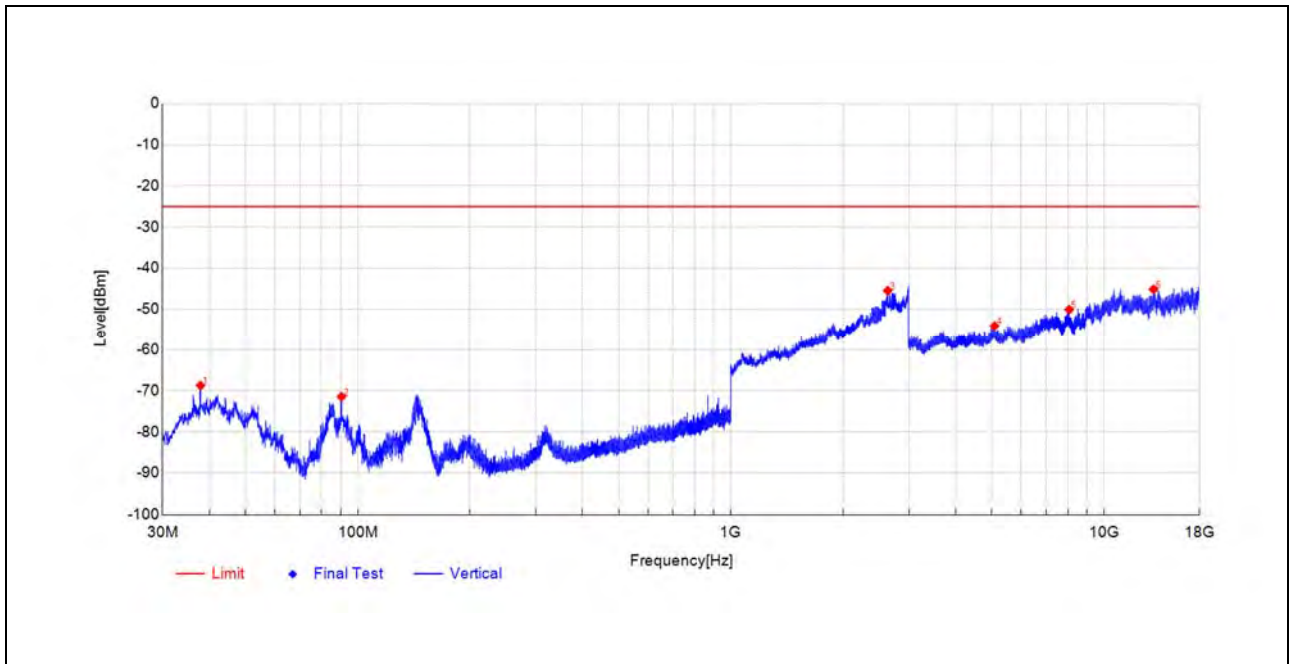


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-45.20	-67.74	-22.5	-25.0	42.7	Vertical	PK	PASS
90.434	-48.00	-70.22	-22.2	-25.0	45.2	Vertical	PK	PASS
2582.7165	-57.49	-46.10	11.4	-25.0	21.1	Vertical	PK	PASS
5087.8697	-59.32	-53.85	5.5	-25.0	28.9	Vertical	PK	PASS
11151.566	-66.76	-45.09	21.7	-25.0	20.1	Vertical	PK	PASS
17329.413	-68.61	-43.95	24.7	-25.0	19.0	Vertical	PK	PASS

Plot for Mid Channel

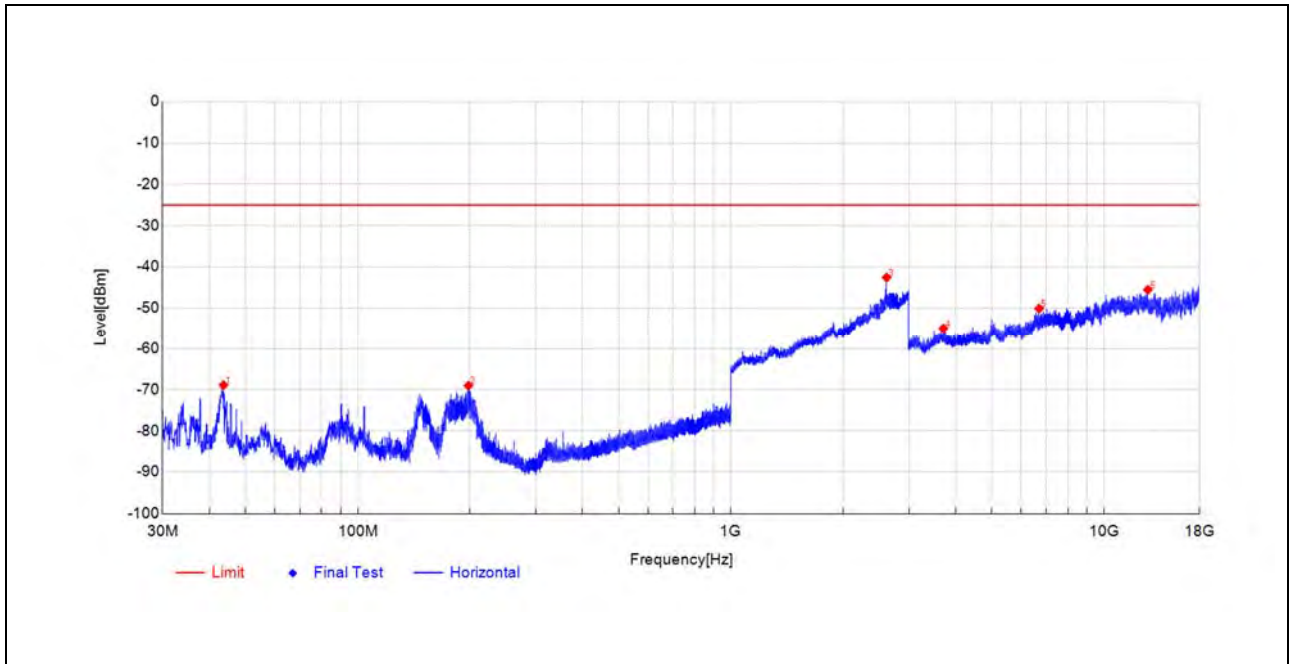


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.1442	-55.63	-70.92	-15.3	-25.0	45.9	Horizontal	PK	PASS
199.031	-52.57	-70.50	-17.9	-25.0	45.5	Horizontal	PK	PASS
2595.9192	-54.02	-41.59	12.4	-	-	Horizontal	PK	NA
3601.3716	-56.71	-55.06	1.7	-25.0	30.1	Horizontal	PK	PASS
7533.1813	-62.28	-50.14	12.1	-25.0	25.1	Horizontal	PK	PASS
13100.924	-68.74	-44.57	24.2	-25.0	19.6	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
37.9059	-46.21	-68.75	-22.5	-25.0	43.8	Vertical	PK	PASS
90.434	-49.25	-71.47	-22.2	-25.0	46.5	Vertical	PK	PASS
2631.5263	-58.73	-45.44	13.3	-	-	Vertical	PK	NA
5086.1552	-59.53	-54.06	5.5	-25.0	29.1	Vertical	PK	PASS
8065.0426	-63.05	-50.06	13.0	-25.0	25.1	Vertical	PK	PASS
13565.102	-68.42	-45.11	23.3	-25.0	20.1	Vertical	PK	PASS

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.6777	-53.58	-68.88	-15.3	-25.0	43.9	Horizontal	PK	PASS
197.9154	-50.91	-69.03	-18.1	-25.0	44.0	Horizontal	PK	PASS
2614.3229	-55.12	-42.56	12.6	-	-	Horizontal	PK	NA
3710.673	-56.61	-54.94	1.7	-25.0	29.9	Horizontal	PK	PASS
6700.348	-60.48	-50.07	10.4	-25.0	25.1	Horizontal	PK	PASS
13100.924	-69.70	-45.53	24.2	-25.0	20.5	Horizontal	PK	PASS