



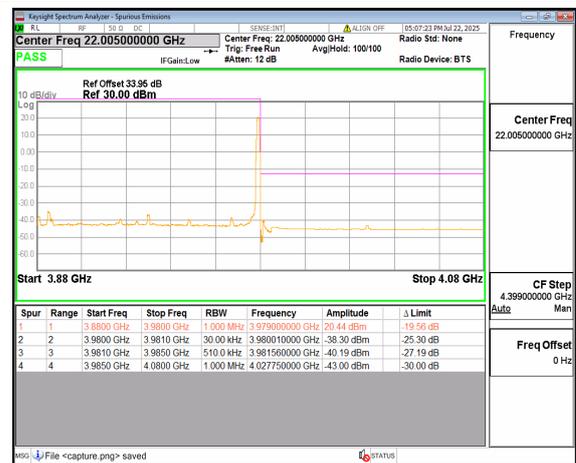
n77(3700-3980MHz) 100M DFT-s-OFDM  
QPSK Outer\_Full Low



n77(3700-3980MHz) 100M DFT-s-OFDM  
QPSK Edge\_1RB\_Left Low



n77(3700-3980MHz) 100M DFT-s-OFDM  
QPSK Outer\_Full High



n77(3700-3980MHz) 100M DFT-s-OFDM  
QPSK Edge\_1RB\_Right High



## 2.7. Radiated Spurious Emissions

### 2.7.1. Requirement

According to FCC section 2.1051, section 22.917(a), 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.

According to FCC section 24.238(a) for n2, n25, 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.

Additional to FCC section 22.917(a) for n5, n26, 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.

According to FCC section 27.53(m)(4) for n7, n38, n41, 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.

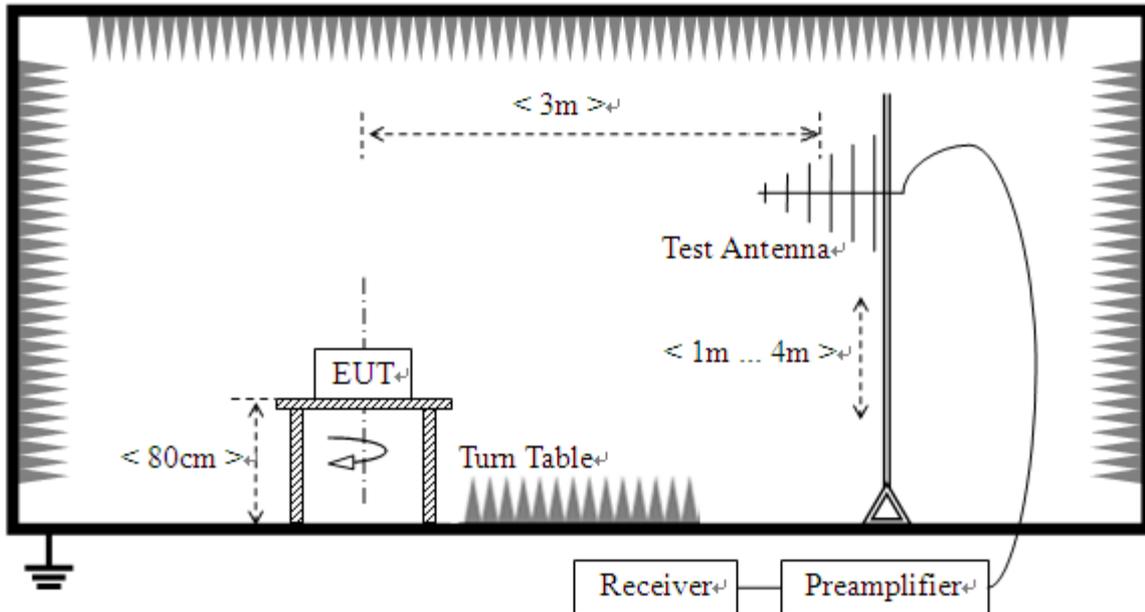
According to FCC section 27.53(g) for n71, for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB.

According to FCC section 27.53(h) for n66, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  dB.

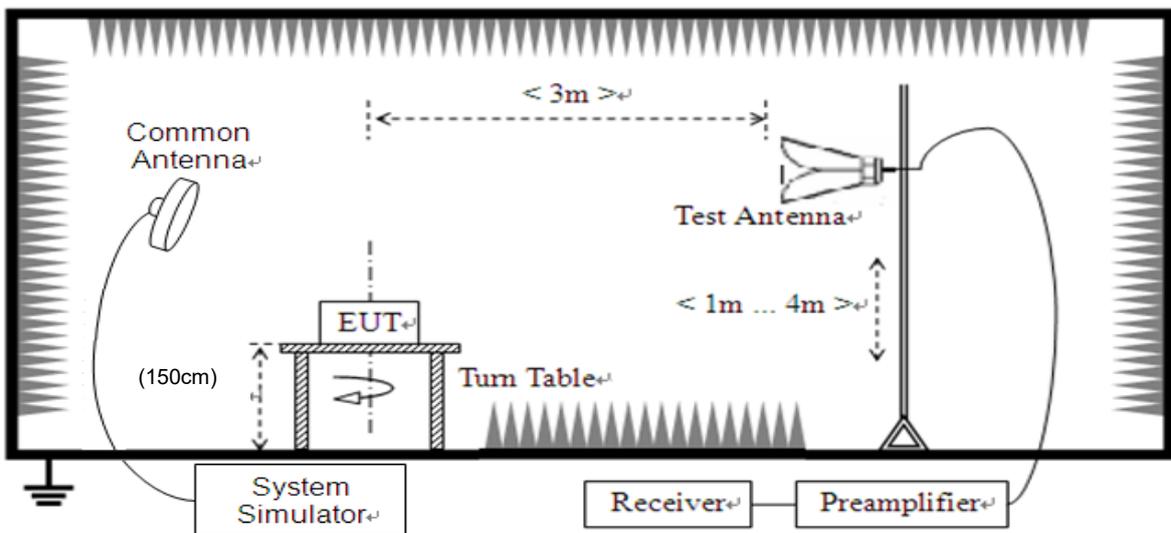
According to FCC section 27.53(l)(2) for n77, n78, for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

According to FCC section 27.53(n)(2) for n77, n78, for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

### 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, ANSI/TIA-603-E-2016 and ANSI C63.26-2015 Section 5.5.

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW  $\geq$  3 x RBW
3. Span = 1.5 times the OBW
4. No. of sweep points > 2 x span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

### 2.7.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. Test Antenna height is varied from 1m to 4m above the ground, and the Turn Table is actuated to turn from 0° to 360°, both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

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  $A_{\text{SUBST}}$  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.

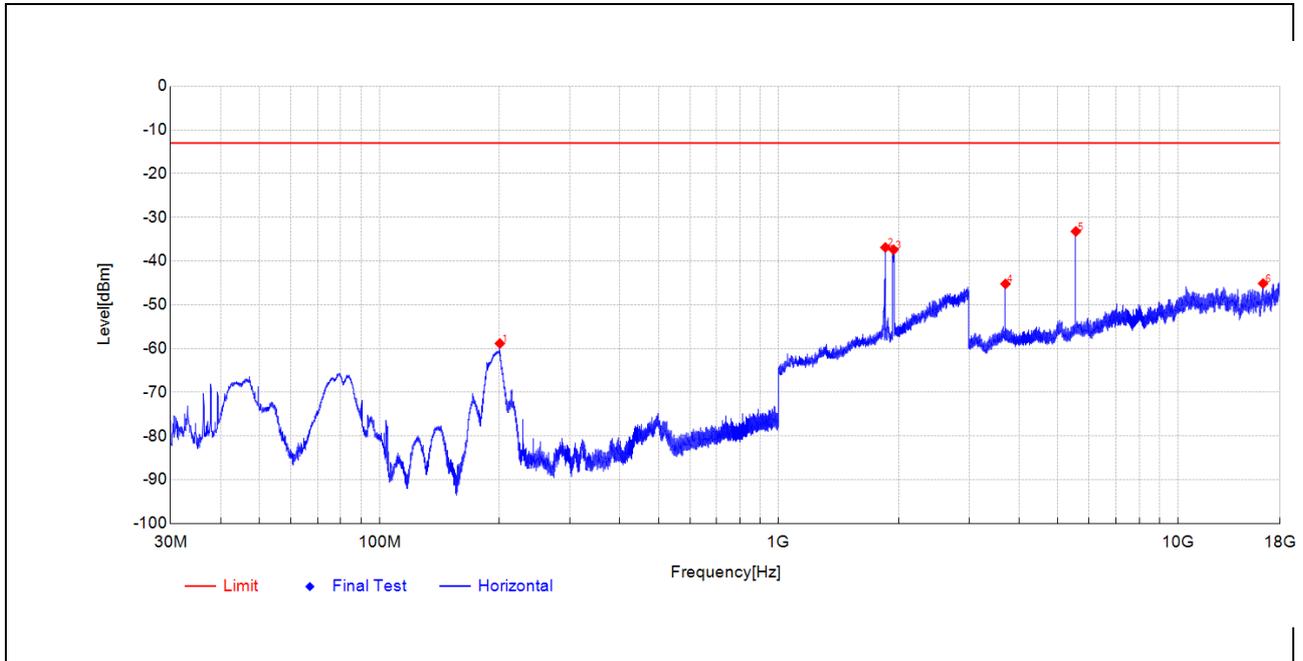
**Note2:** All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

**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.

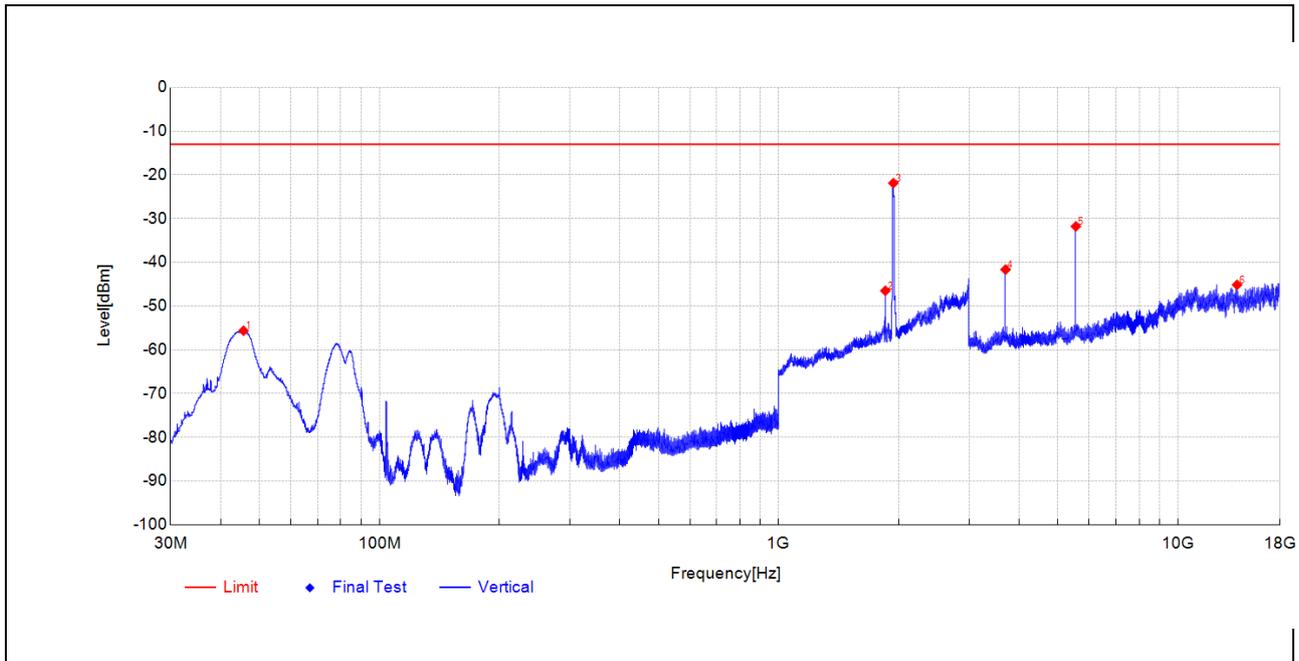


5G SA\_n2

Plot for Low Channel



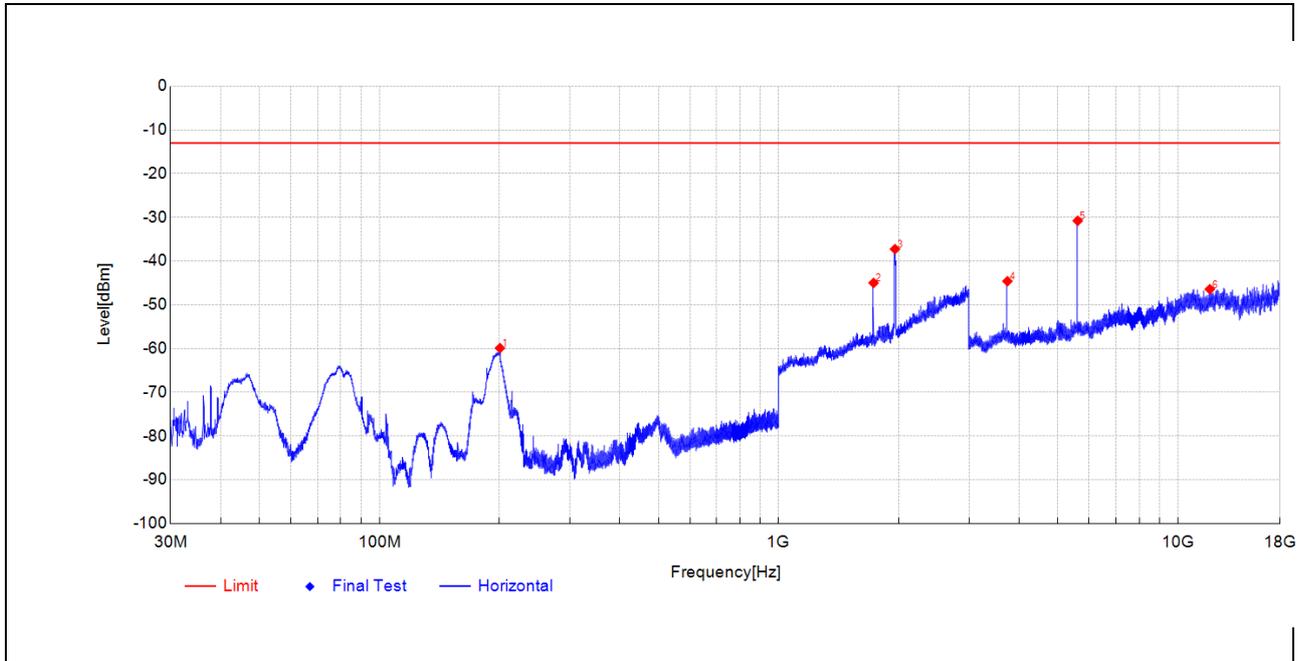
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
200.3405	-41.06	-58.83	-17.8	-13.0	45.8	Horizontal	PK	PASS
1850.5701	-41.15	-36.86	4.3	-	-	Horizontal	PK	NA
1940.5881	-41.52	-37.38	4.1	-	-	Horizontal	PK	NA
3701.243	-46.97	-45.20	1.8	-13.0	32.2	Horizontal	PK	PASS
5552.5075	-39.86	-33.20	6.7	-13.0	20.2	Horizontal	PK	PASS
16345.373	-70.04	-45.11	24.9	-13.0	32.1	Horizontal	PK	PASS



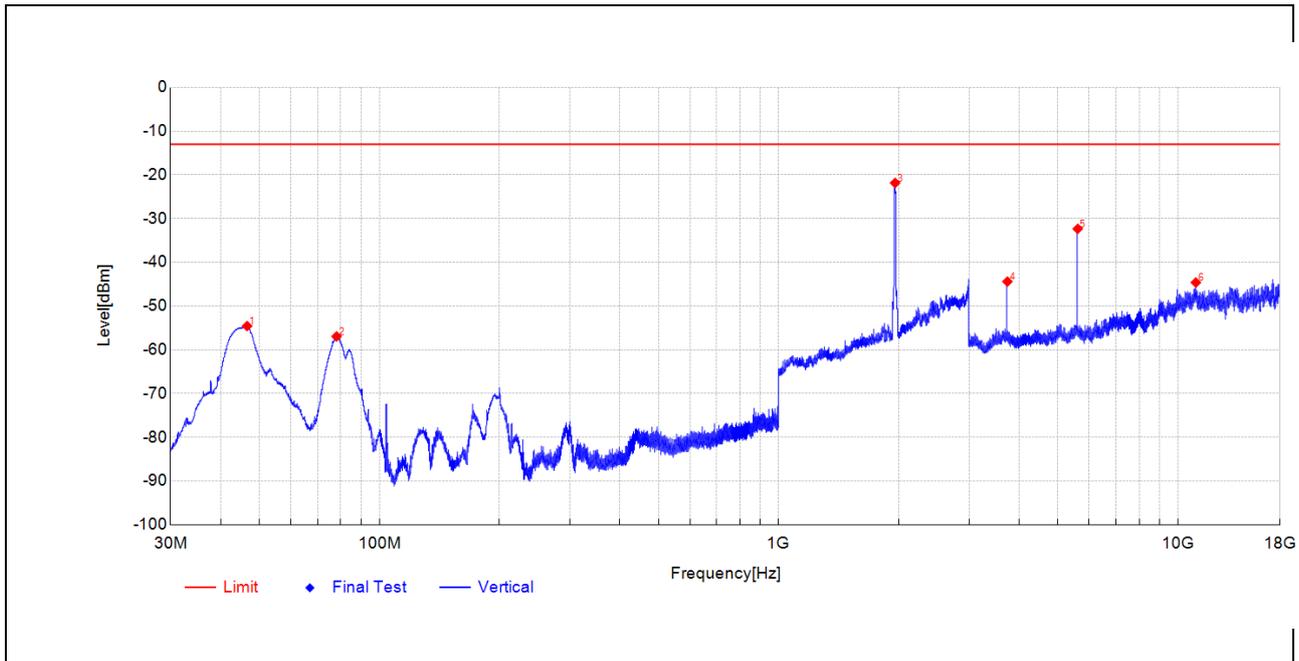
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
45.6663	-35.61	-55.63	-20.0	-13.0	42.6	Vertical	PK	PASS
1850.5701	-50.80	-46.49	4.3	-	-	Vertical	PK	NA
1937.3875	-25.78	-21.87	3.9	-	-	Vertical	PK	NA
3701.243	-43.41	-41.65	1.8	-13.0	28.7	Vertical	PK	PASS
5552.0789	-38.13	-31.77	6.4	-13.0	18.8	Vertical	PK	PASS
14067.202	-70.12	-45.14	25.0	-13.0	32.1	Vertical	PK	PASS

5G SA\_n2

Plot for Mid Channel



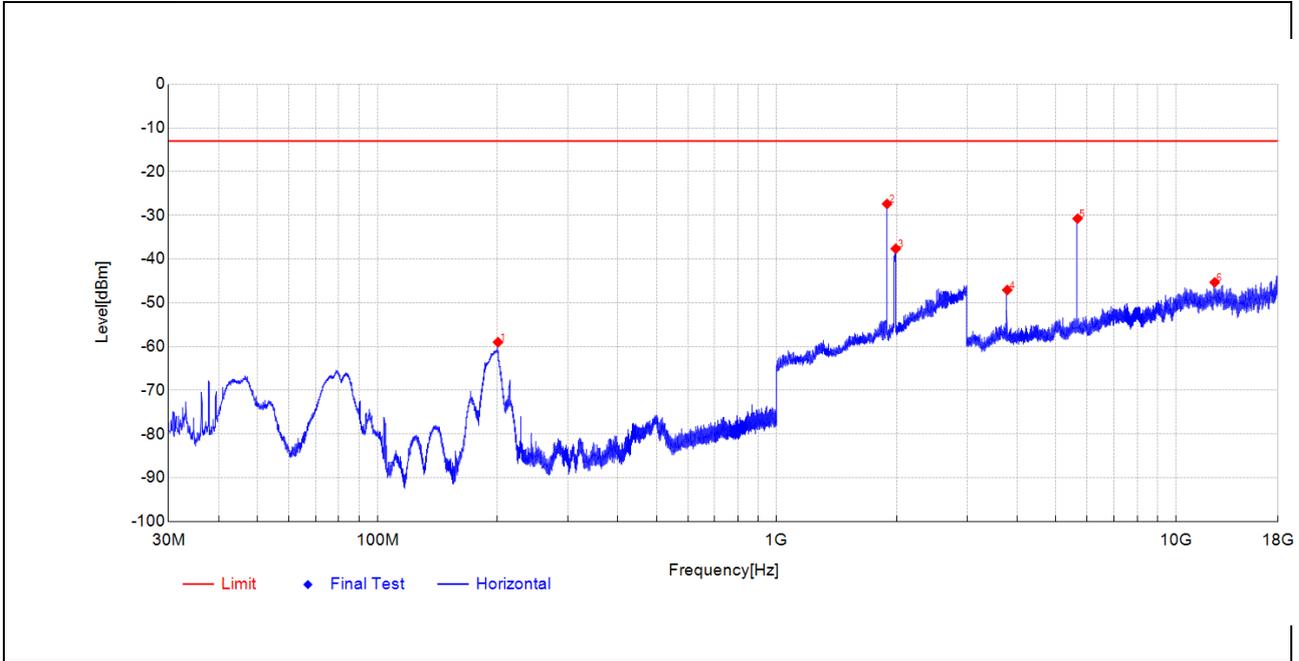
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
200.4375	-42.13	-59.88	-17.8	-13.0	46.9	Horizontal	PK	PASS
1728.9458	-47.06	-44.97	2.1	-	-	Horizontal	PK	NA
1956.1912	-41.72	-37.25	4.5	-	-	Horizontal	PK	NA
3741.5345	-45.95	-44.59	1.4	-13.0	31.6	Horizontal	PK	PASS
5612.0874	-37.69	-30.77	6.9	-13.0	17.8	Horizontal	PK	PASS
12024.241	-67.75	-46.42	21.3	-13.0	33.4	Horizontal	PK	PASS



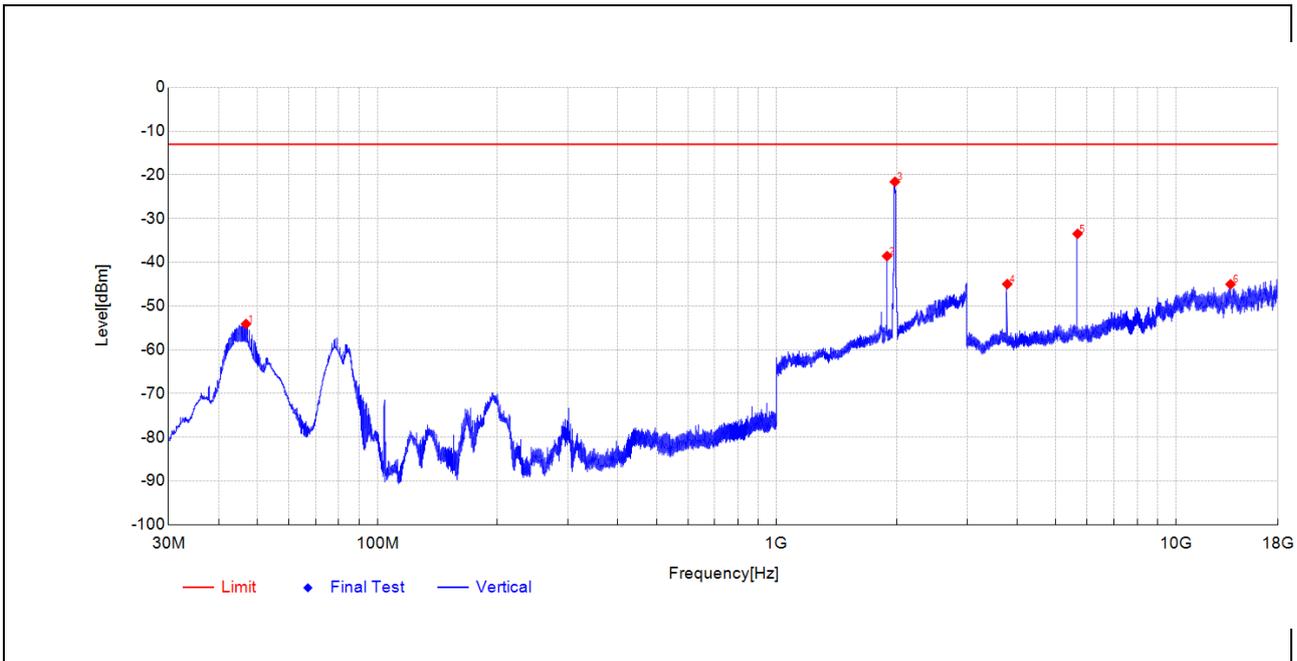
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.6363	-34.88	-54.57	-19.7	-13.0	41.6	Vertical	PK	PASS
78.1144	-34.16	-56.94	-22.8	-13.0	43.9	Vertical	PK	PASS
1956.9914	-25.93	-21.83	4.1	-	-	Vertical	PK	NA
3741.1059	-45.69	-44.39	1.3	-13.0	31.4	Vertical	PK	PASS
5612.0874	-39.10	-32.33	6.8	-13.0	19.3	Vertical	PK	PASS
11089.643	-66.52	-44.60	21.9	-13.0	31.6	Vertical	PK	PASS



**5G SA\_n2**  
**Plot for High Channel**



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
200.486	-41.25	-59.00	-17.8	-13.0	46.0	Horizontal	PK	PASS
1890.5781	-32.24	-27.37	4.9	-	-	Horizontal	PK	NA
1988.1976	-41.99	-37.62	4.4	-	-	Horizontal	PK	NA
3781.3973	-48.03	-47.06	1.0	-13.0	34.1	Horizontal	PK	PASS
5672.096	-38.02	-30.73	7.3	-13.0	17.7	Horizontal	PK	PASS
12505.220	-68.64	-45.32	23.3	-13.0	32.3	Horizontal	PK	PASS

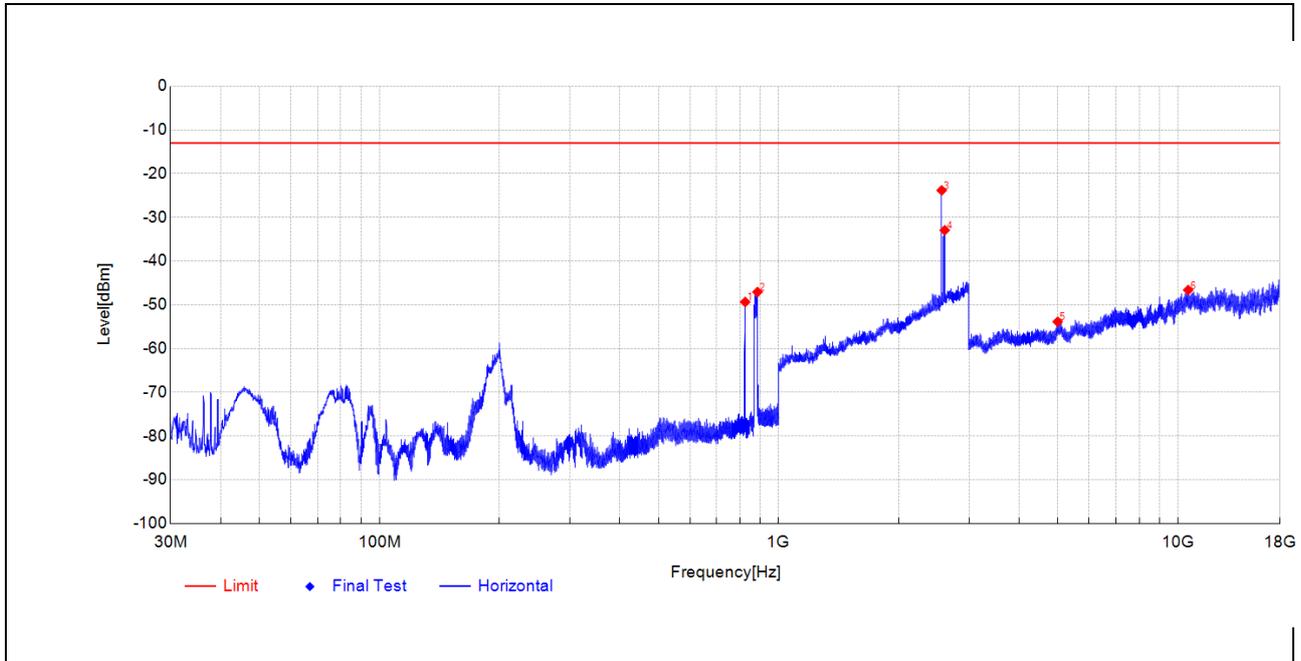


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.8788	-34.46	-54.08	-19.6	-13.0	41.1	Vertical	PK	PASS
1890.5781	-43.66	-38.56	5.1	-	-	Vertical	PK	NA
1978.1956	-26.35	-21.57	4.8	-	-	Vertical	PK	NA
3781.3973	-45.81	-44.97	0.8	-13.0	32.0	Vertical	PK	PASS
5672.096	-40.09	-33.47	6.6	-13.0	20.5	Vertical	PK	PASS
13704.308	-69.85	-45.00	24.9	-13.0	32.0	Vertical	PK	PASS

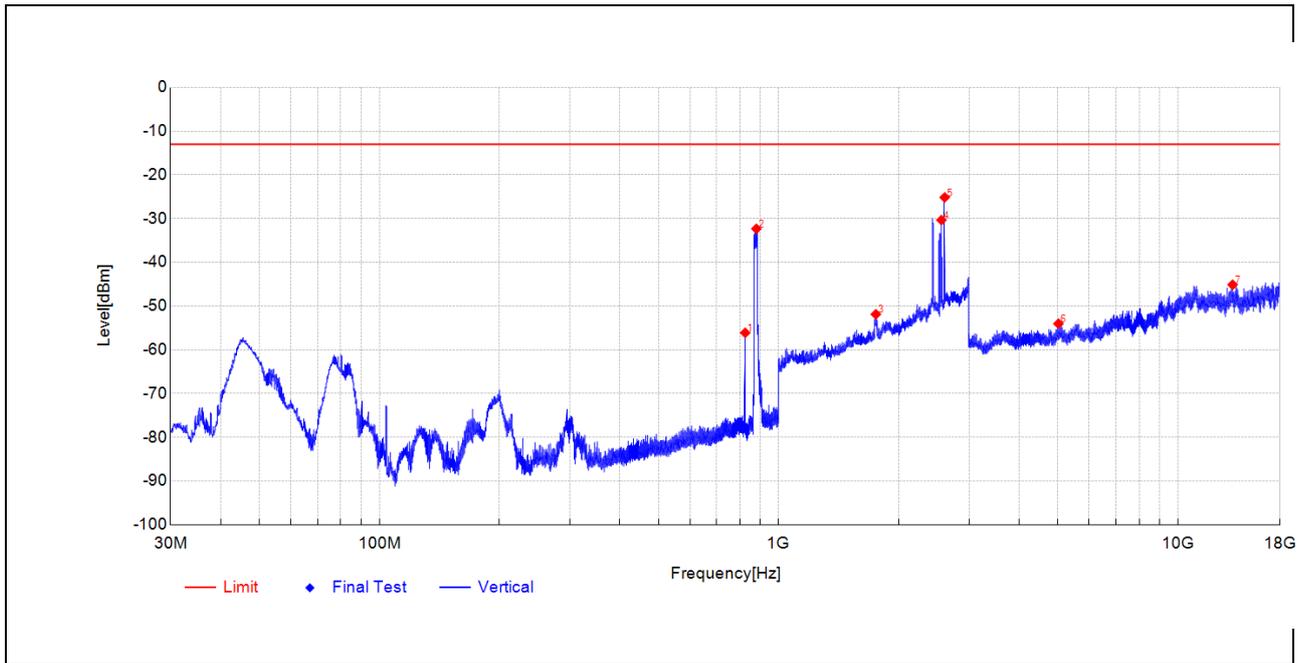


5G SA\_n5

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6637	-43.55	-49.34	-5.8	-	-	Horizontal	PK	NA
885.1948	-42.34	-47.06	-4.7	-	-	Horizontal	PK	NA
2561.1122	-34.81	-23.82	11.0	-13.0	10.8	Horizontal	PK	PASS
2606.3213	-45.09	-32.94	12.2	-13.0	19.9	Horizontal	PK	PASS
4998.7141	-59.92	-53.85	6.1	-13.0	40.9	Horizontal	PK	PASS
10609.144	-65.91	-46.61	19.3	-13.0	33.6	Horizontal	PK	PASS

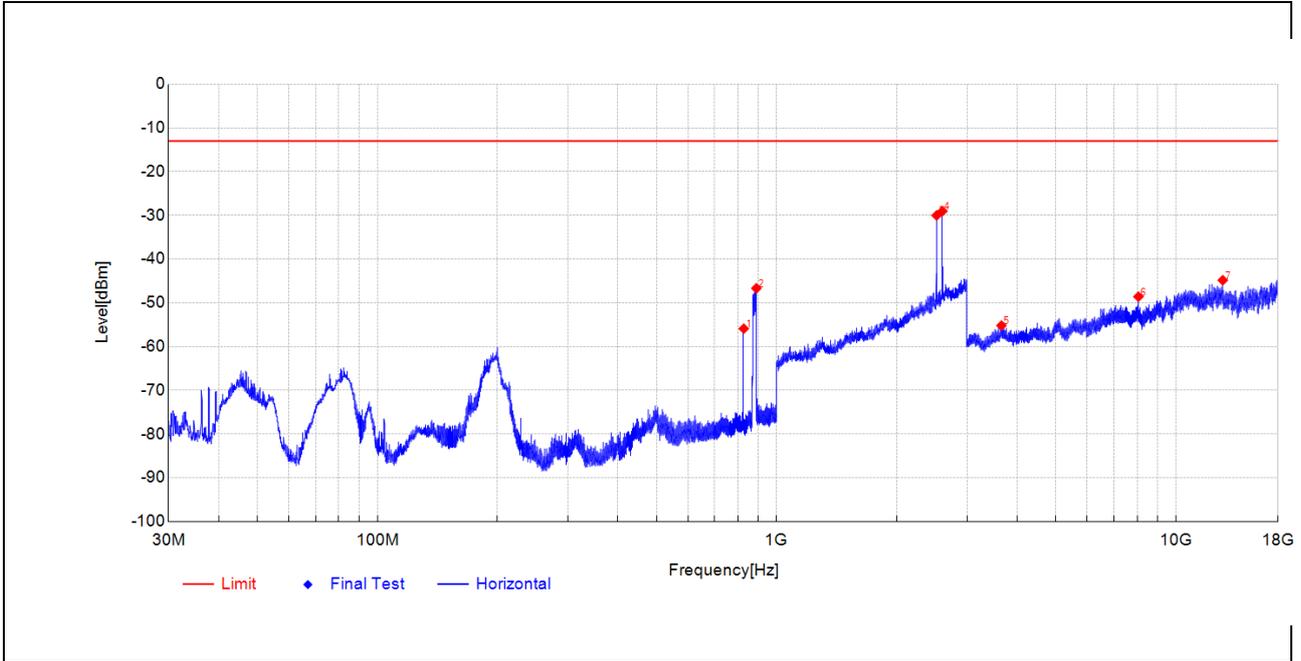


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6637	-50.21	-56.11	-5.9	-	-	Vertical	PK	NA
879.3745	-27.82	-32.32	-4.5	-	-	Vertical	PK	NA
1751.7504	-55.19	-51.87	3.3	-13.0	38.9	Vertical	PK	PASS
2557.1114	-42.56	-30.33	12.2	-13.0	17.3	Vertical	PK	PASS
2605.5211	-36.21	-25.15	11.1	-13.0	12.2	Vertical	PK	PASS
5021.8603	-59.53	-54.02	5.5	-13.0	41.0	Vertical	PK	PASS

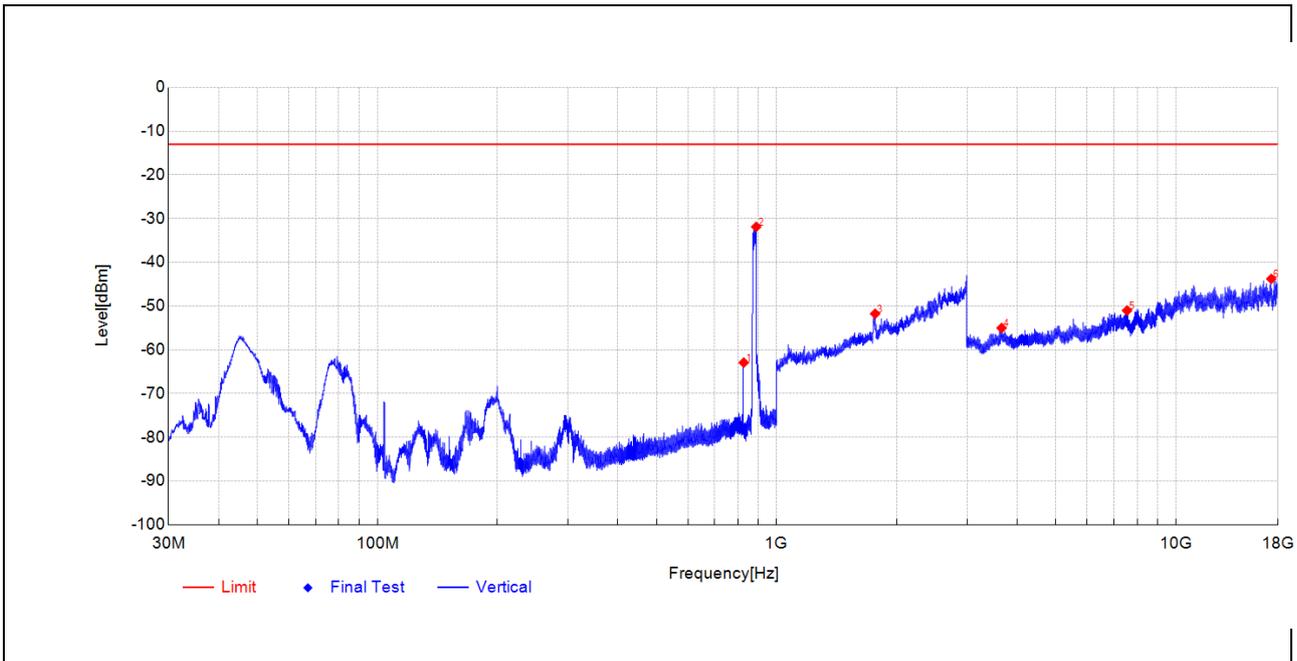


5G SA\_n5

Plot for Mid Channel



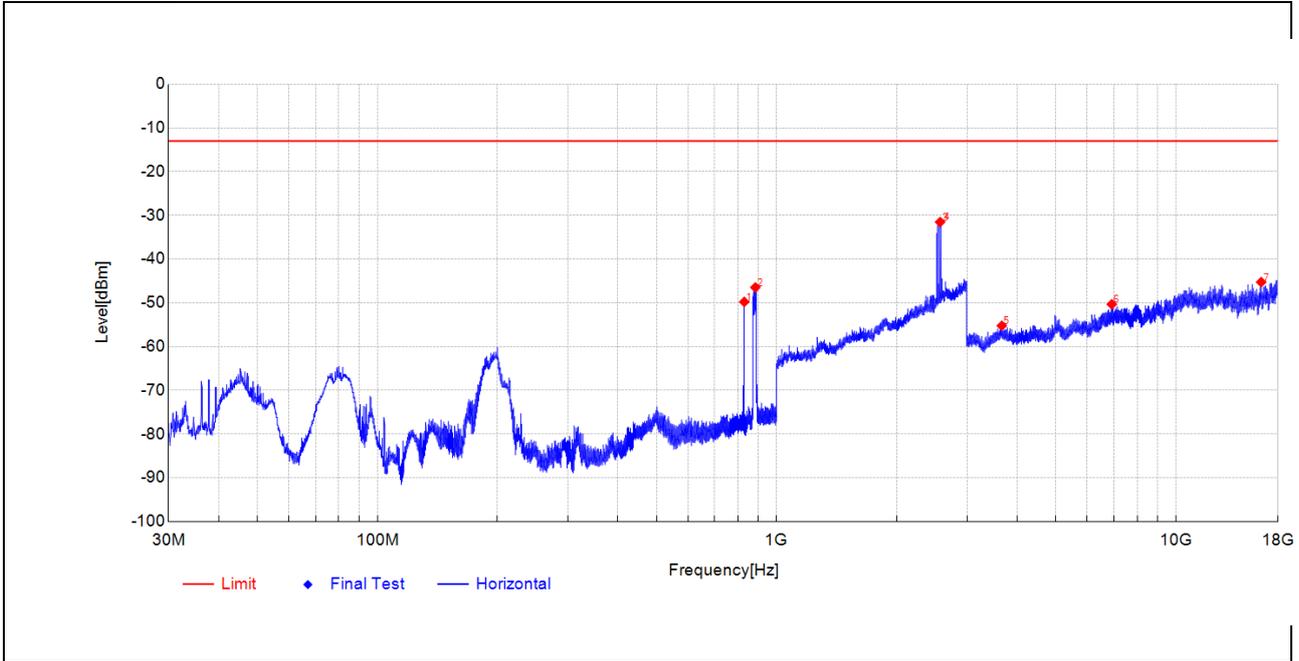
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
827.2829	-50.14	-55.90	-5.8	-	-	Horizontal	PK	NA
889.6085	-41.96	-46.66	-4.7	-	-	Horizontal	PK	NA
2516.3033	-40.47	-30.00	10.5	-13.0	17.0	Horizontal	PK	PASS
2601.9204	-41.10	-29.02	12.1	-13.0	16.0	Horizontal	PK	PASS
3656.2366	-56.90	-55.18	1.7	-13.0	42.2	Horizontal	PK	PASS
8056.8823	-62.05	-48.58	13.5	-13.0	35.6	Horizontal	PK	PASS



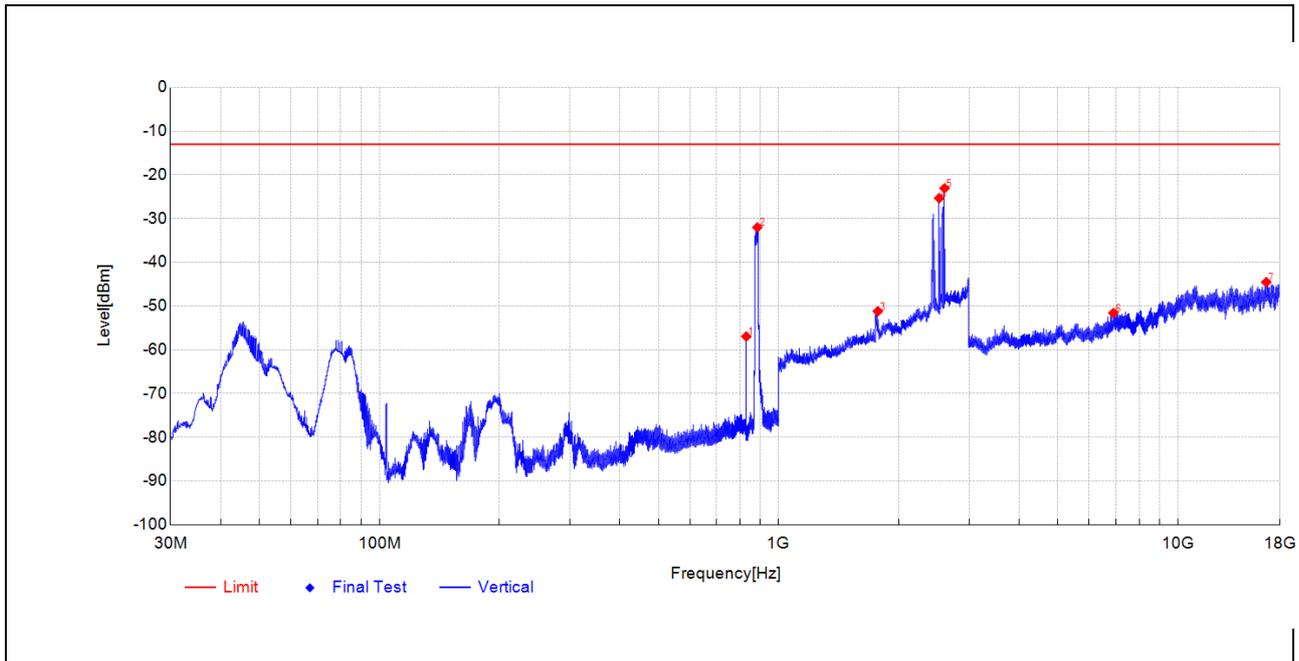
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
827.2344	-56.99	-62.93	-5.9	-	-	Vertical	PK	NA
888.6869	-27.42	-31.87	-4.5	-	-	Vertical	PK	NA
1764.953	-55.09	-51.74	3.4	-13.0	38.7	Vertical	PK	PASS
3659.237	-56.66	-55.00	1.7	-13.0	42.0	Vertical	PK	PASS
7544.2218	-62.59	-51.01	11.6	-13.0	38.0	Vertical	PK	PASS
17335.653	-68.44	-43.77	24.7	-13.0	30.8	Vertical	PK	PASS



**5G SA\_n5**  
**Plot for High Channel**



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.7565	-44.06	-49.77	-5.7	-	-	Horizontal	PK	NA
884.4187	-41.74	-46.46	-4.7	-	-	Horizontal	PK	NA
2567.1134	-42.60	-31.51	11.1	-13.0	18.5	Horizontal	PK	PASS
2590.7181	-43.00	-31.30	11.7	-13.0	18.3	Horizontal	PK	PASS
3663.952	-56.96	-55.23	1.7	-13.0	42.2	Horizontal	PK	PASS
6909.6364	-61.87	-50.32	11.6	-13.0	37.3	Horizontal	PK	PASS
16358.334	-70.39	-45.25	25.1	-13.0	32.3	Horizontal	PK	PASS

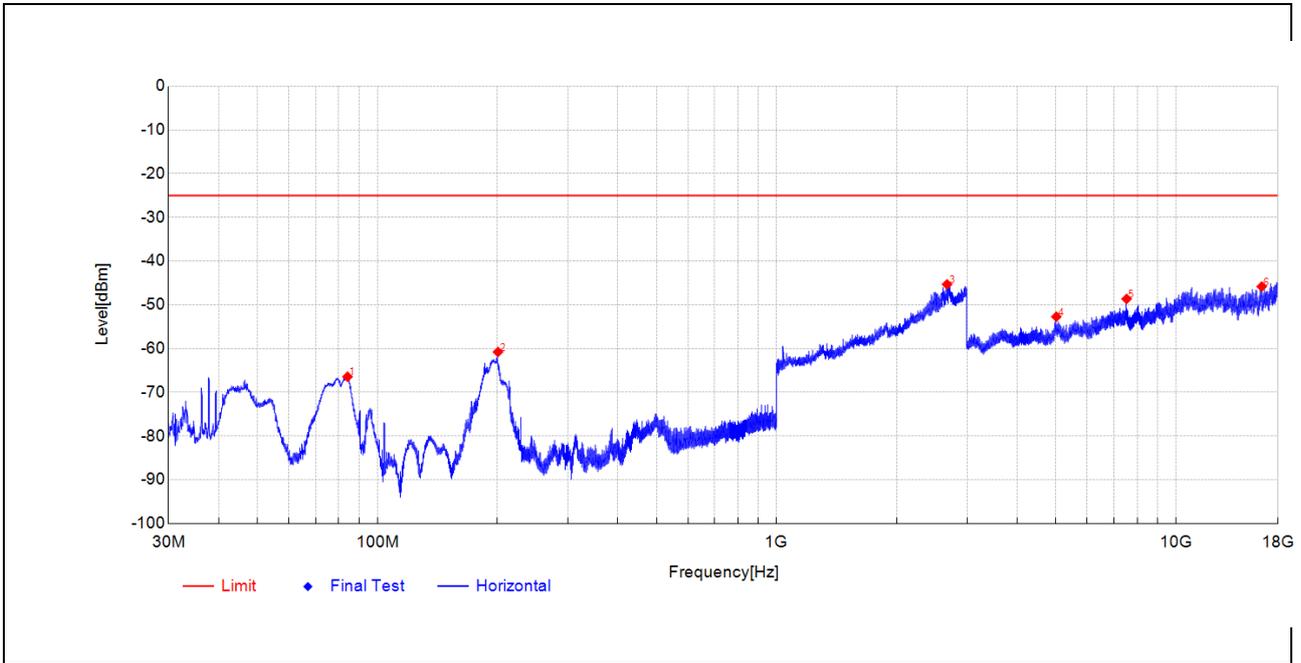


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.708	-50.97	-56.95	-6.0	-	-	Vertical	PK	NA
884.3702	-27.54	-32.00	-4.5	-	-	Vertical	PK	NA
1771.3543	-54.56	-51.19	3.4	-13.0	38.2	Vertical	PK	PASS
2523.5047	-35.08	-25.33	9.8	-13.0	12.3	Vertical	PK	PASS
2603.5207	-34.07	-23.06	11.0	-13.0	10.1	Vertical	PK	PASS
6895.2358	-62.42	-51.59	10.8	-13.0	38.6	Vertical	PK	PASS
16649.226	-70.22	-44.53	25.7	-13.0	31.5	Vertical	PK	PASS

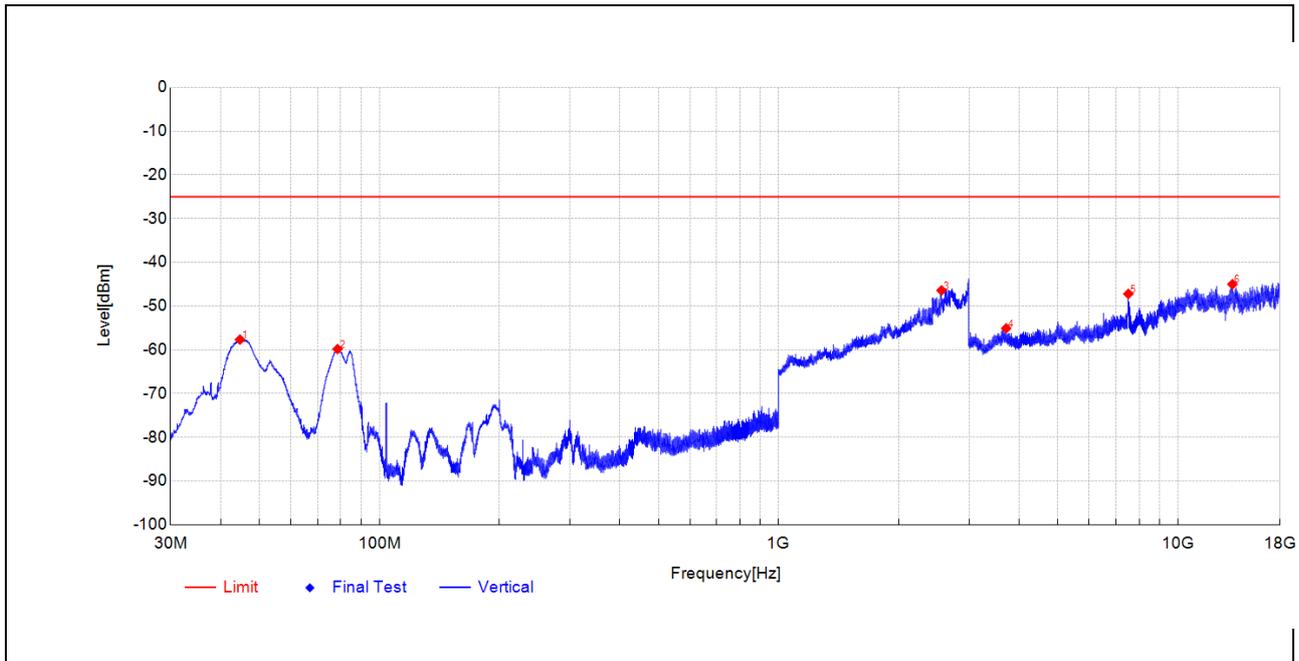


5G SA\_n7

Plot for Low Channel



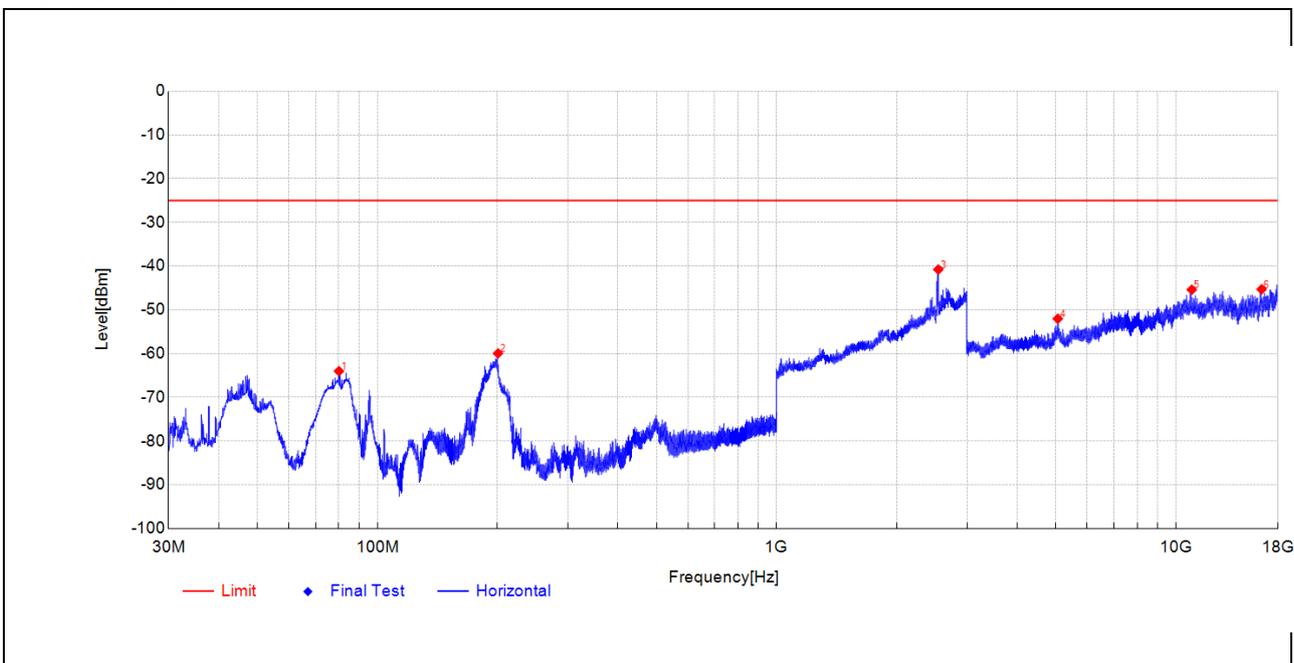
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.1772	-42.84	-66.43	-23.6	-25.0	41.4	Horizontal	PK	PASS
200.4375	-43.09	-60.77	-17.7	-25.0	35.8	Horizontal	PK	PASS
2671.9344	-58.91	-45.32	13.6	-25.0	20.3	Horizontal	PK	PASS
5018.4312	-58.80	-52.71	6.1	-25.0	27.7	Horizontal	PK	PASS
7525.021	-60.83	-48.64	12.2	-25.0	23.6	Horizontal	PK	PASS
16403.456	-71.47	-45.81	25.7	-25.0	20.8	Horizontal	PK	PASS



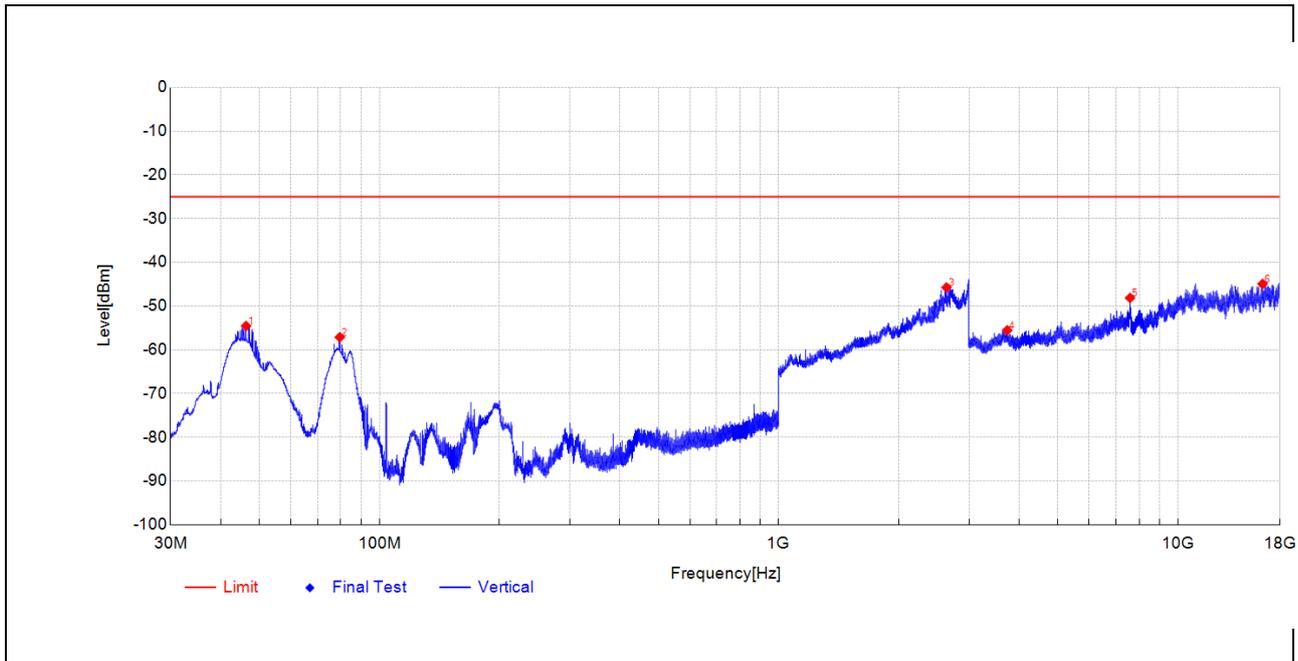
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
44.7447	-37.37	-57.65	-20.3	-25.0	32.7	Vertical	PK	PASS
78.5509	-37.04	-59.82	-22.8	-25.0	34.8	Vertical	PK	PASS
2557.9116	-58.96	-46.41	12.6	-25.0	21.4	Vertical	PK	PASS
3714.5306	-56.69	-55.09	1.6	-25.0	30.1	Vertical	PK	PASS
7514.4606	-59.05	-47.21	11.8	-25.0	22.2	Vertical	PK	PASS
13698.067	-69.88	-45.00	24.9	-25.0	20.0	Vertical	PK	PASS

5G SA\_n7

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
80.103	-40.23	-64.01	-23.8	-25.0	39.0	Horizontal	PK	PASS
200.486	-42.27	-59.95	-17.7	-25.0	35.0	Horizontal	PK	PASS
2539.908	-52.10	-40.77	11.3	-	-	Horizontal	PK	NA
5060.4372	-58.10	-52.02	6.1	-25.0	27.0	Horizontal	PK	PASS
10955.238	-66.23	-45.40	20.8	-25.0	20.4	Horizontal	PK	PASS
16395.295	-70.99	-45.29	25.7	-25.0	20.3	Horizontal	PK	PASS

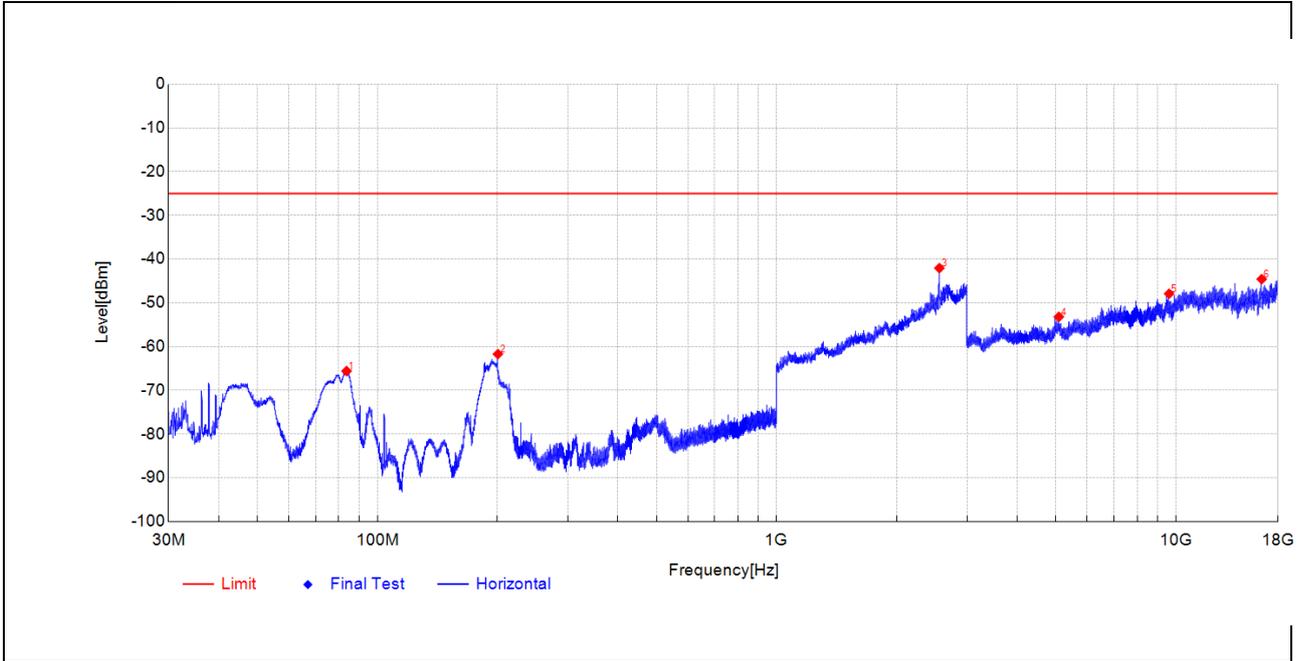


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.3453	-34.80	-54.54	-19.7	-25.0	29.5	Vertical	PK	PASS
79.5695	-34.08	-57.12	-23.0	-25.0	32.1	Vertical	PK	PASS
2632.7265	-59.01	-45.74	13.3	-25.0	20.7	Vertical	PK	PASS
3738.5341	-56.87	-55.54	1.3	-25.0	30.5	Vertical	PK	PASS
7588.8636	-59.33	-48.13	11.2	-25.0	23.1	Vertical	PK	PASS
16295.451	-71.11	-44.93	26.2	-25.0	19.9	Vertical	PK	PASS

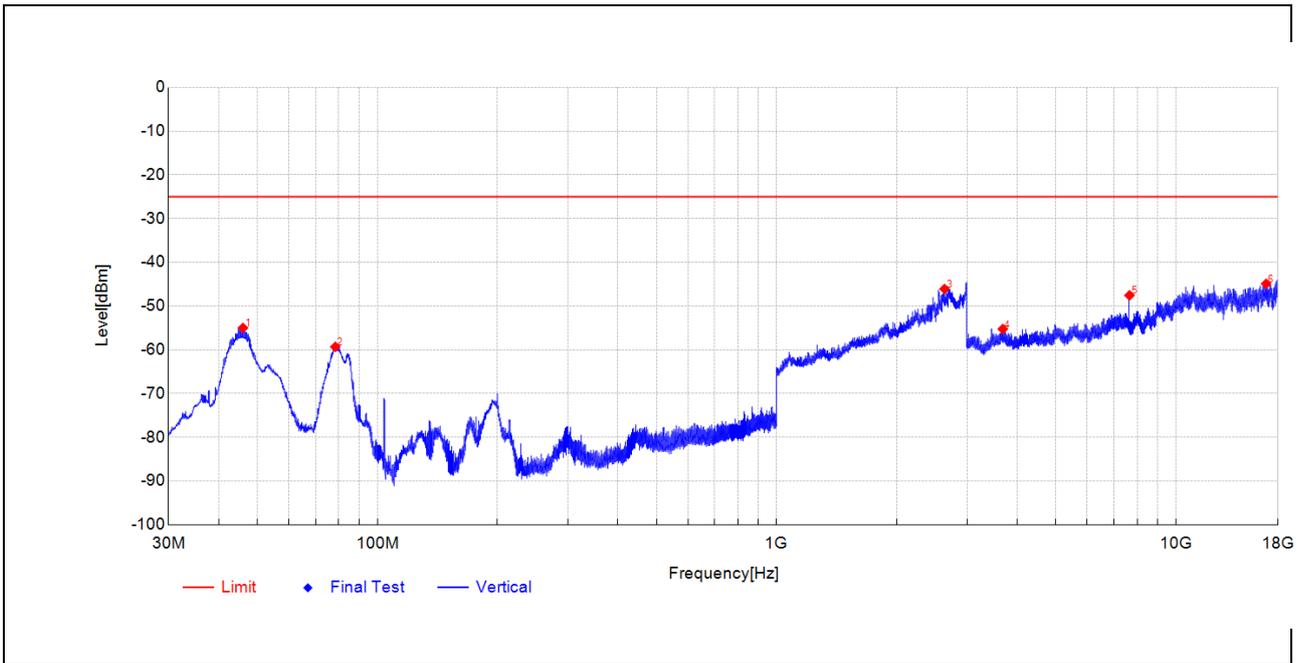


5G SA\_n7

Plot for High Channel



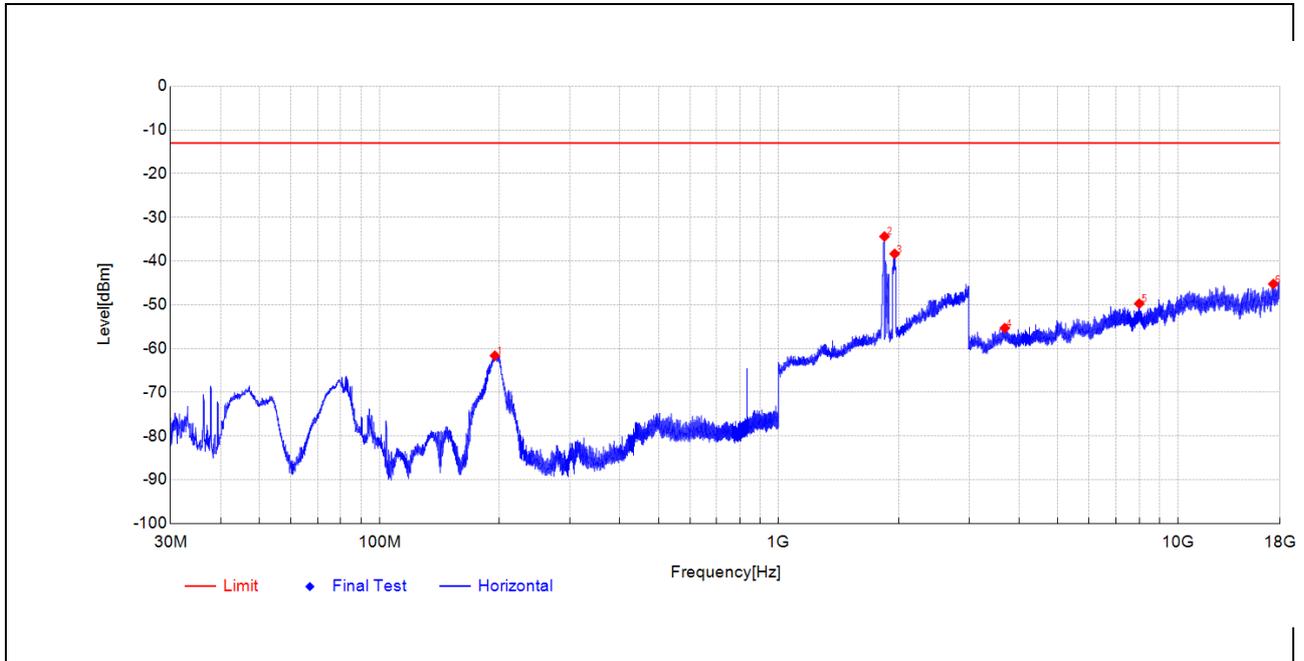
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
83.6922	-41.97	-65.59	-23.6	-25.0	40.6	Horizontal	PK	PASS
200.389	-44.02	-61.71	-17.7	-25.0	36.7	Horizontal	PK	PASS
2556.3113	-53.31	-42.05	11.3	-	-	Horizontal	PK	NA
5092.156	-59.26	-53.19	6.1	-25.0	28.2	Horizontal	PK	PASS
9615.9846	-64.97	-47.91	17.1	-25.0	22.9	Horizontal	PK	PASS
16399.616	-70.34	-44.58	25.8	-25.0	19.6	Horizontal	PK	PASS



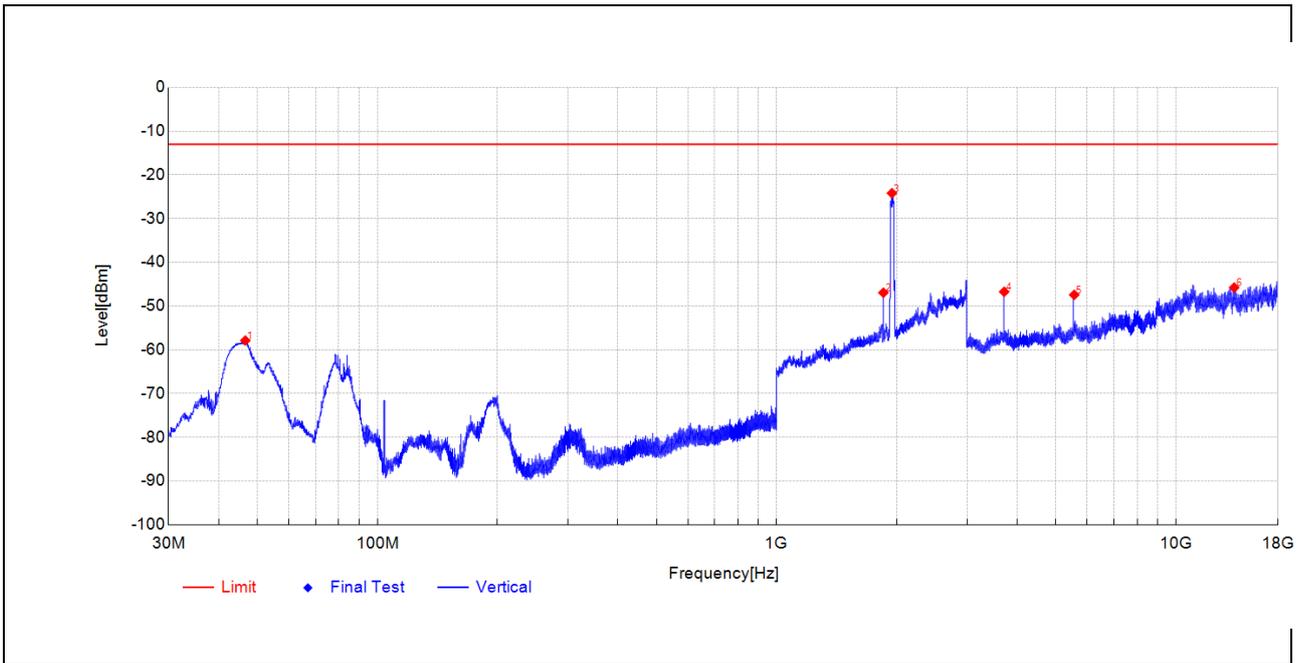
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.0543	-35.13	-54.98	-19.9	-25.0	30.0	Vertical	PK	PASS
78.4539	-36.56	-59.32	-22.8	-25.0	34.3	Vertical	PK	PASS
2633.5267	-59.34	-46.08	13.3	-25.0	21.1	Vertical	PK	PASS
3683.6691	-56.98	-55.25	1.7	-25.0	30.3	Vertical	PK	PASS
7652.2261	-58.88	-47.54	11.3	-25.0	22.5	Vertical	PK	PASS
16824.433	-70.80	-44.89	25.9	-25.0	19.9	Vertical	PK	PASS

5G SA\_n25

Plot for Low Channel



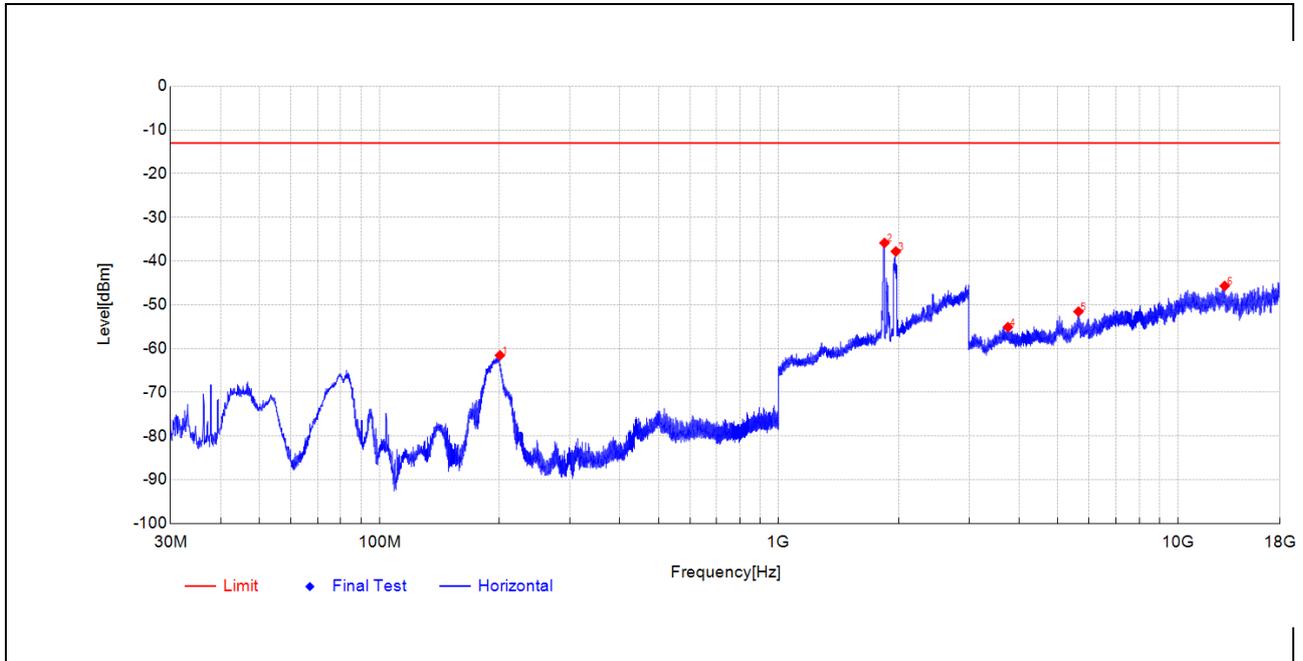
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.6657	-42.87	-61.62	-18.8	-13.0	48.6	Horizontal	PK	PASS
1840.5681	-38.60	-34.37	4.2	-	-	Horizontal	PK	NA
1952.1904	-42.71	-38.32	4.4	-	-	Horizontal	PK	NA
3684.0977	-57.08	-55.32	1.8	-13.0	42.3	Horizontal	PK	PASS
8002.6401	-63.08	-49.72	13.4	-13.0	36.7	Horizontal	PK	PASS
17340.453	-69.57	-45.23	24.3	-13.0	32.2	Horizontal	PK	PASS



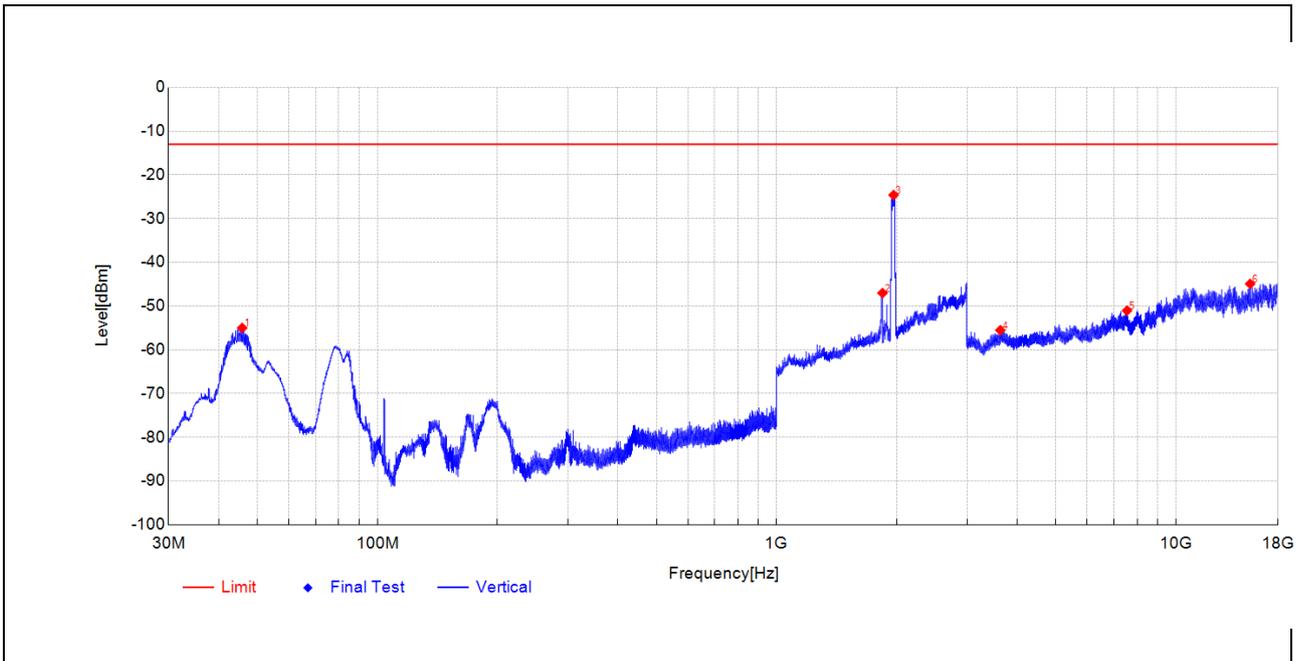
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.6848	-38.19	-57.87	-19.7	-13.0	44.9	Vertical	PK	PASS
1850.9702	-51.25	-46.94	4.3	-	-	Vertical	PK	NA
1944.1888	-28.14	-24.18	4.0	-	-	Vertical	PK	NA
3714.102	-48.34	-46.73	1.6	-13.0	33.7	Vertical	PK	PASS
5562.7947	-53.88	-47.43	6.5	-13.0	34.4	Vertical	PK	PASS
13995.679	-70.00	-45.76	24.2	-13.0	32.8	Vertical	PK	PASS

5G SA\_n25

Plot for Mid Channel



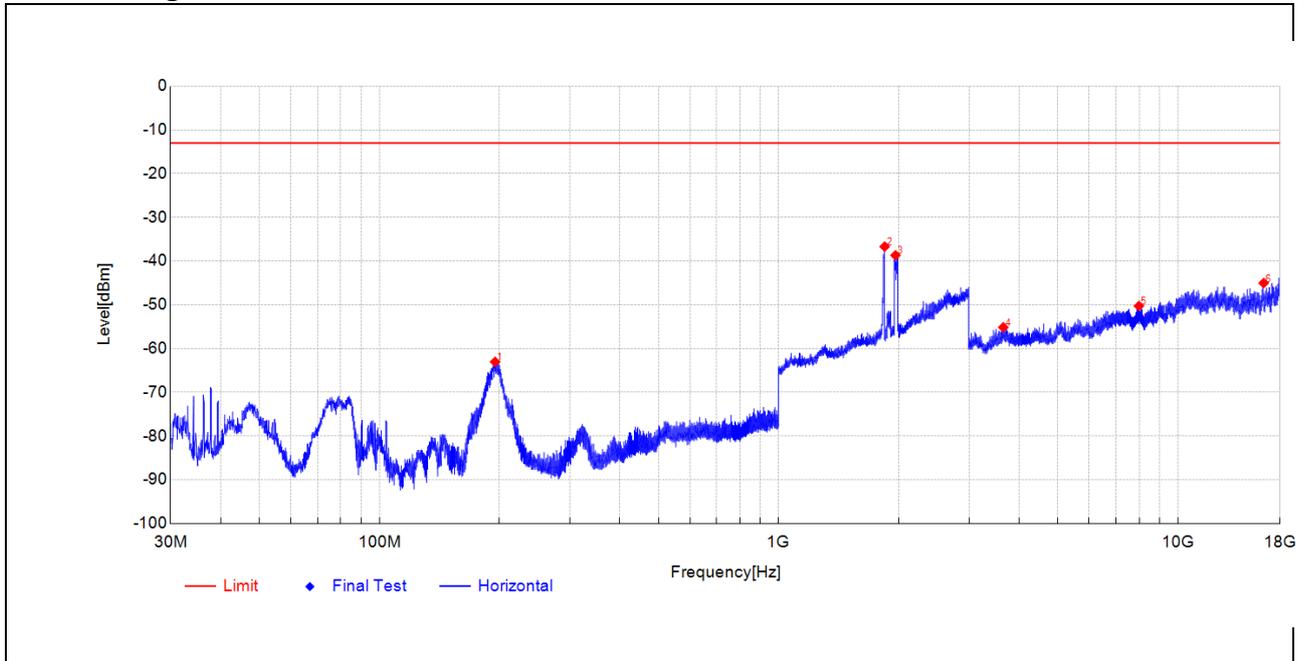
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
200.4375	-43.80	-61.55	-17.8	-	-	Horizontal	PK	NA
1841.3683	-40.07	-35.84	4.2	-	-	Horizontal	PK	NA
1965.7932	-42.33	-37.79	4.5	-	-	Horizontal	PK	NA
3752.2503	-56.34	-55.09	1.3	-13.0	42.1	Horizontal	PK	PASS
5637.8054	-58.61	-51.54	7.1	-13.0	38.5	Horizontal	PK	PASS
13097.563	-69.83	-45.67	24.2	-13.0	32.7	Horizontal	PK	PASS



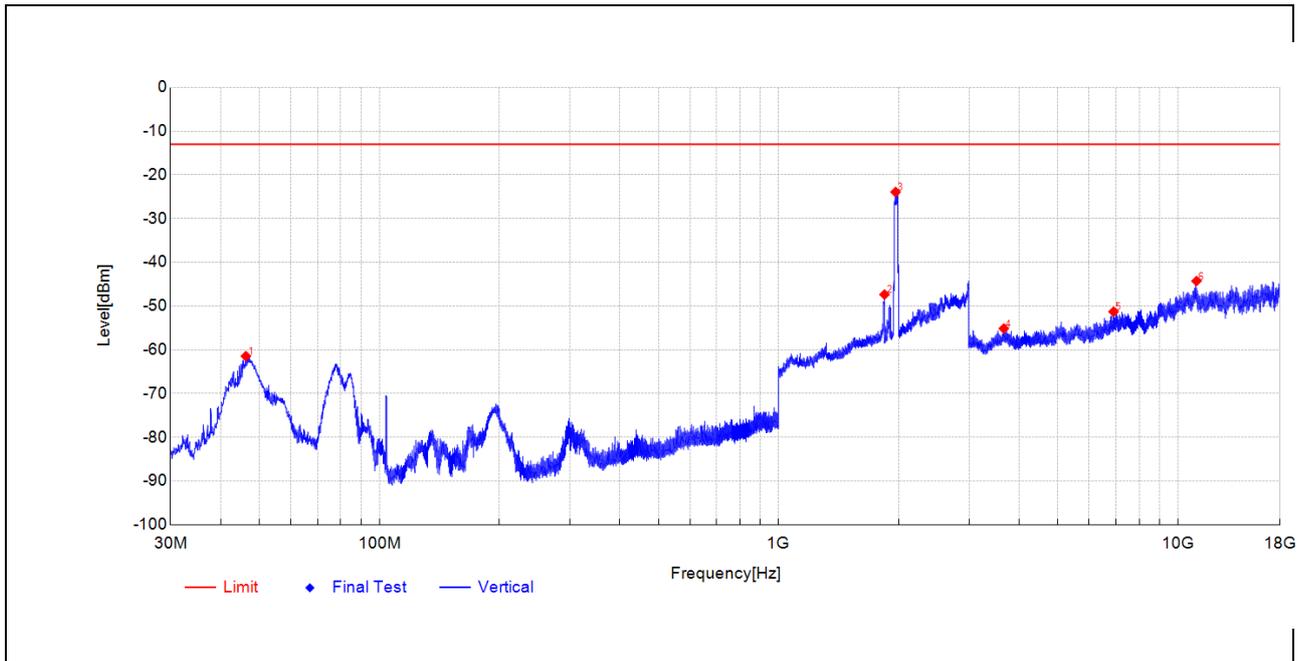
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
45.8603	-35.02	-54.98	-20.0	-13.0	42.0	Vertical	PK	PASS
1841.3683	-51.56	-47.02	4.5	-	-	Vertical	PK	NA
1962.9926	-28.90	-24.60	4.3	-	-	Vertical	PK	NA
3633.5191	-57.10	-55.51	1.6	-13.0	42.5	Vertical	PK	PASS
7544.7018	-62.61	-51.03	11.6	-13.0	38.0	Vertical	PK	PASS
15345.973	-69.51	-44.91	24.6	-13.0	31.9	Vertical	PK	PASS

5G SA\_n25

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
194.9082	-44.33	-63.04	-18.7	-13.0	50.0	Horizontal	PK	PASS
1842.9686	-40.92	-36.68	4.2	-	-	Horizontal	PK	NA
1961.7924	-43.18	-38.67	4.5	-	-	Horizontal	PK	NA
3652.8075	-56.85	-55.13	1.7	-13.0	42.1	Horizontal	PK	PASS
7984.8794	-63.55	-50.26	13.3	-13.0	37.3	Horizontal	PK	PASS
16399.616	-70.77	-45.01	25.8	-13.0	32.0	Horizontal	PK	PASS

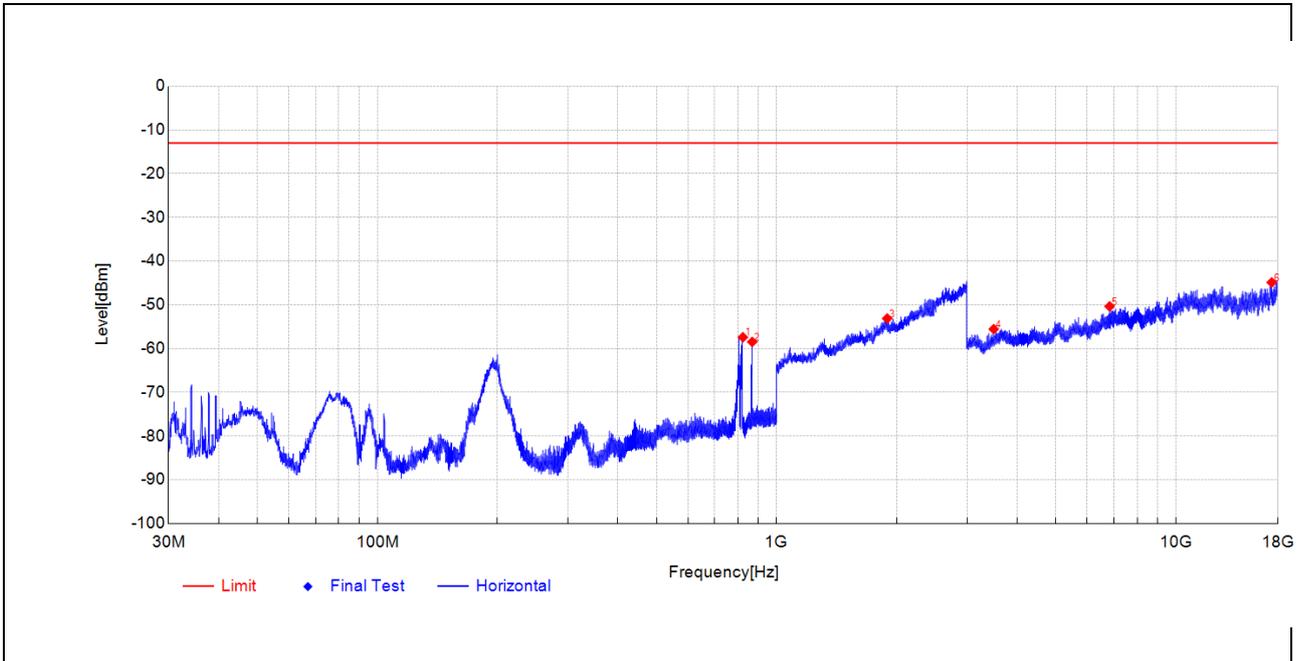


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.2968	-41.64	-61.45	-19.8	-13.0	48.5	Vertical	PK	PASS
1841.3683	-51.90	-47.36	4.5	-	-	Vertical	PK	NA
1963.3927	-28.22	-23.91	4.3	-	-	Vertical	PK	NA
3663.952	-56.80	-55.13	1.7	-13.0	42.1	Vertical	PK	PASS
6901.9561	-62.12	-51.28	10.8	-13.0	38.3	Vertical	PK	PASS
11132.365	-66.05	-44.27	21.8	-13.0	31.3	Vertical	PK	PASS

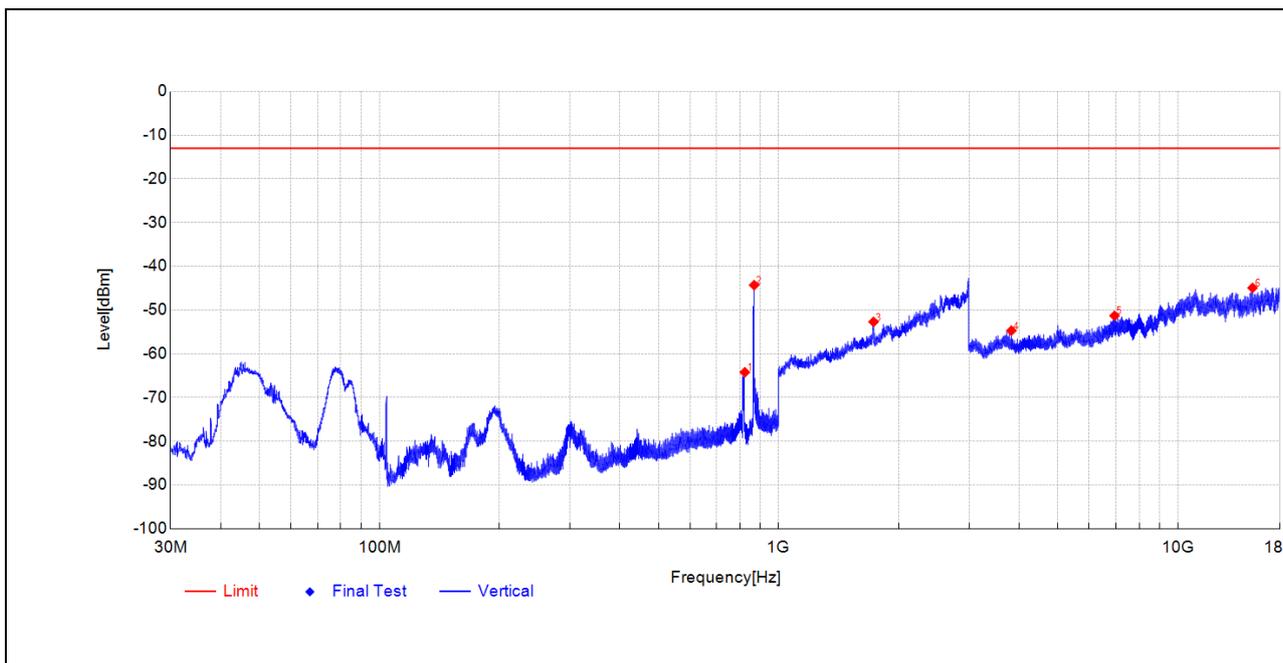


5G SA\_n26(814-824MHz)

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
823.1602	-51.58	-57.40	-5.8	-	-	Horizontal	PK	NA
868.6069	-53.60	-58.47	-4.9	-	-	Horizontal	PK	NA
1891.7784	-58.73	-53.11	5.6	-13.0	40.1	Horizontal	PK	PASS
3496.7853	-56.58	-55.55	1.0	-13.0	42.6	Horizontal	PK	PASS
6823.7129	-61.84	-50.35	11.5	-13.0	37.4	Horizontal	PK	PASS
17378.855	-69.51	-44.87	24.6	-13.0	31.9	Horizontal	PK	PASS

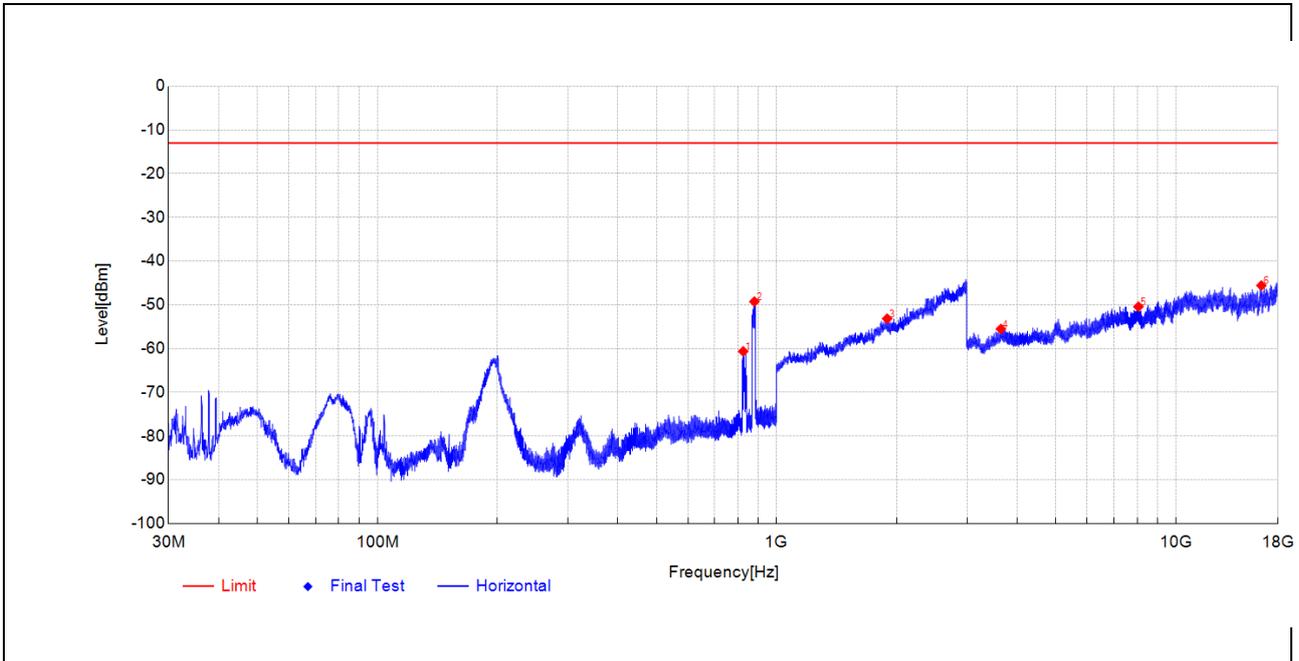


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
822.8206	-58.35	-64.22	-5.9	-	-	Vertical	PK	NA
868.1704	-39.38	-44.29	-4.9	-	-	Vertical	PK	NA
1728.5457	-55.87	-52.69	3.2	-13.0	39.7	Vertical	PK	PASS
3827.261	-55.43	-54.70	0.7	-13.0	41.7	Vertical	PK	PASS
6940.3576	-62.24	-51.29	11.0	-13.0	38.3	Vertical	PK	PASS
15379.575	-70.18	-44.91	25.3	-13.0	31.9	Vertical	PK	PASS

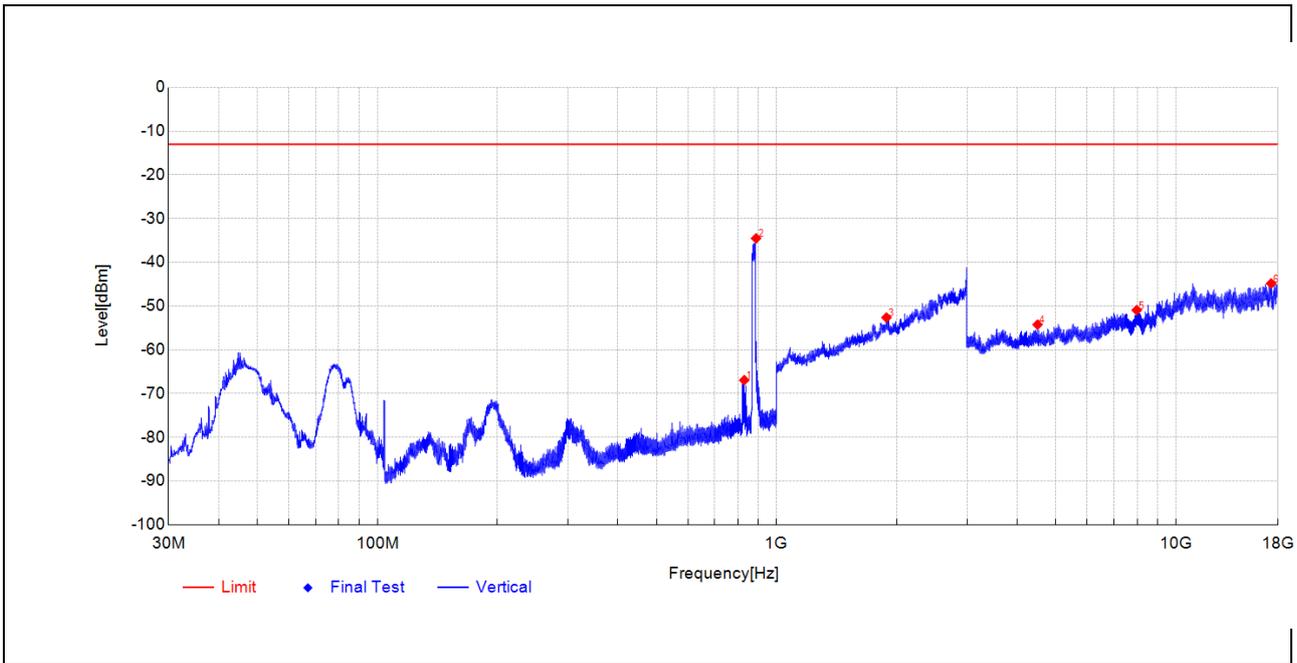


**5G SA\_n26(824-849MHz)**

**Plot for Low Channel**



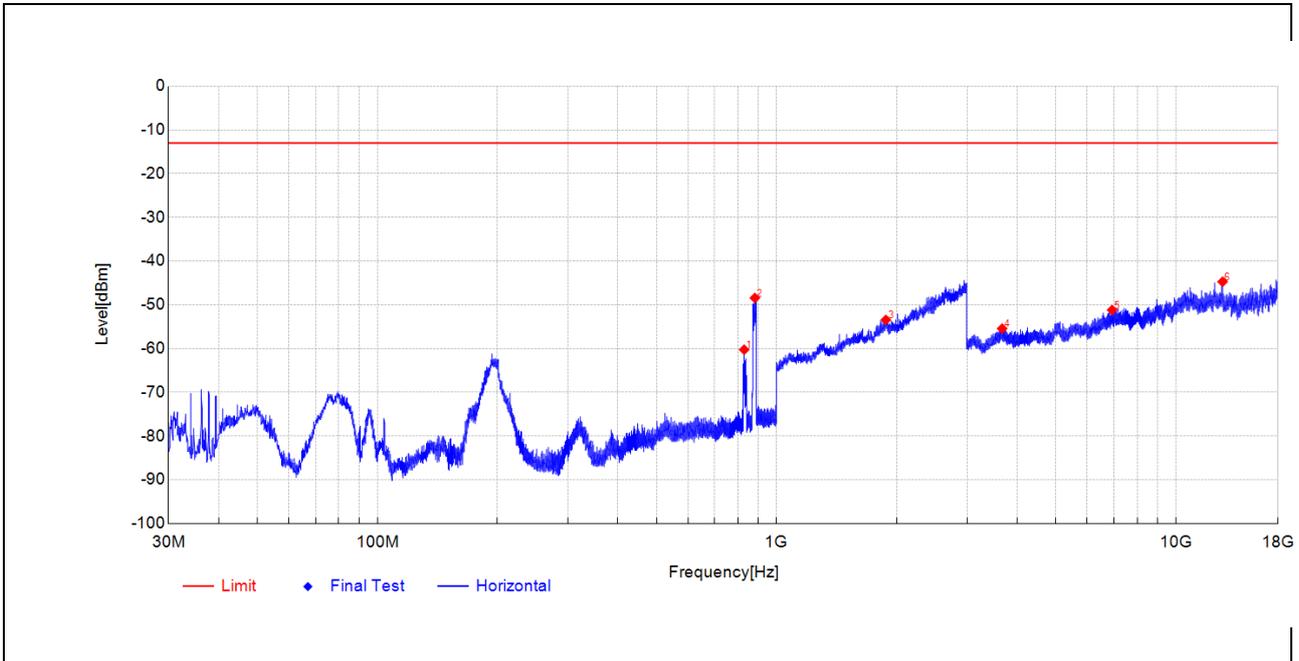
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6152	-54.85	-60.64	-5.8	-	-	Horizontal	PK	NA
879.423	-44.49	-49.25	-4.8	-	-	Horizontal	PK	NA
1891.3783	-58.79	-53.15	5.6	-13.0	40.2	Horizontal	PK	PASS
3645.0922	-57.23	-55.52	1.7	-13.0	42.5	Horizontal	PK	PASS
8055.4422	-63.89	-50.42	13.5	-13.0	37.4	Horizontal	PK	PASS
16375.135	-70.97	-45.58	25.4	-13.0	32.6	Horizontal	PK	PASS



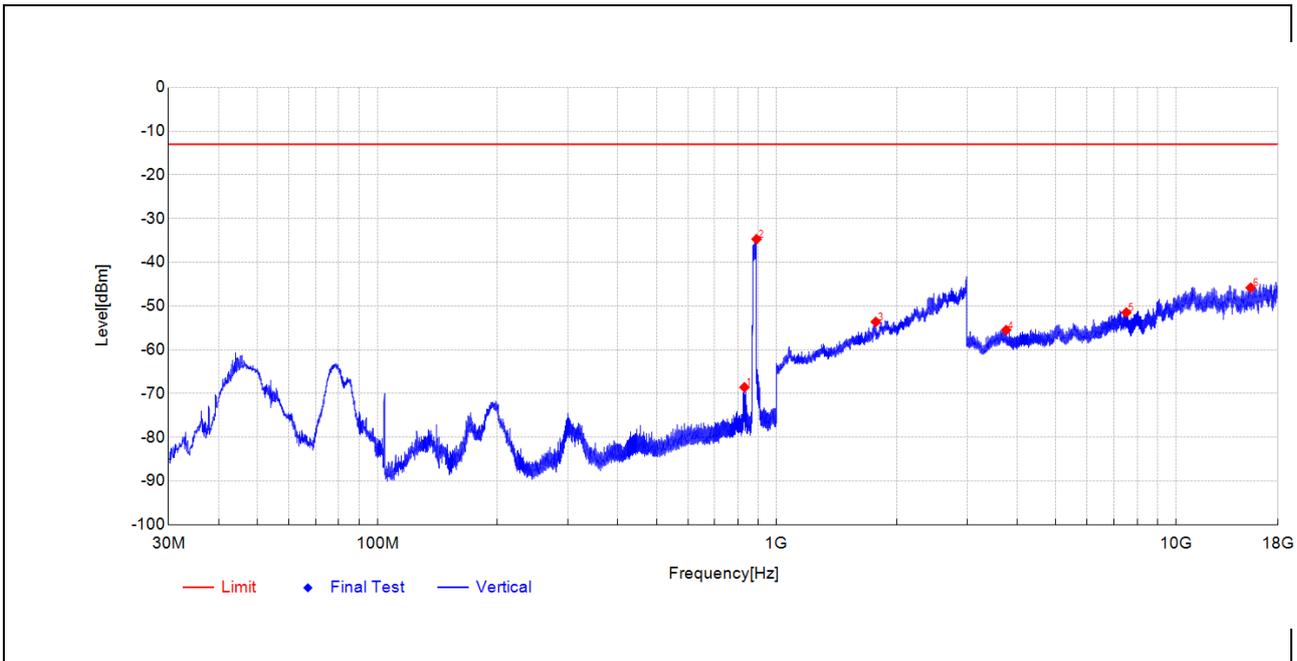
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.7565	-60.95	-66.93	-6.0	-	-	Vertical	PK	NA
888.0079	-30.06	-34.51	-4.5	-	-	Vertical	PK	NA
1884.1768	-58.51	-52.62	5.9	-13.0	39.6	Vertical	PK	PASS
4504.072	-57.12	-54.23	2.9	-13.0	41.2	Vertical	PK	PASS
7978.1591	-63.77	-50.93	12.8	-13.0	37.9	Vertical	PK	PASS
17323.172	-69.47	-44.83	24.6	-13.0	31.8	Vertical	PK	PASS



**5G SA\_n26(824-849MHz)**  
**Plot for Mid Channel**



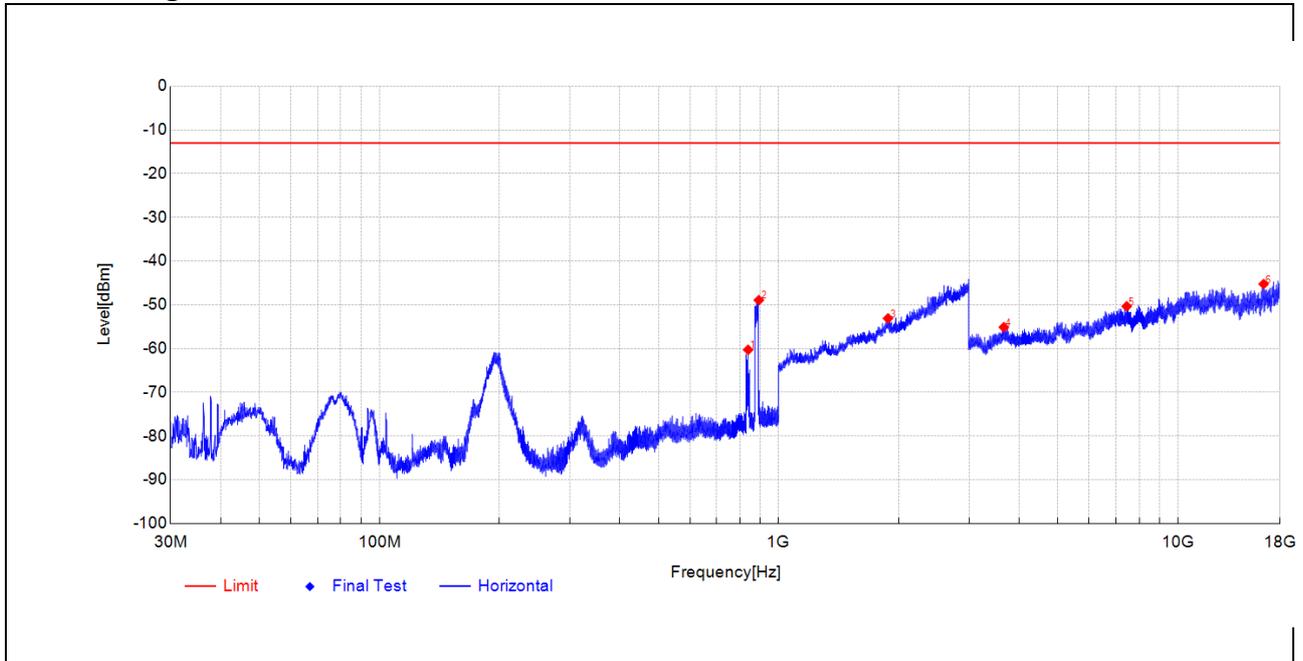
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.1745	-54.53	-60.25	-5.7	-	-	Horizontal	PK	NA
881.8481	-43.68	-48.42	-4.7	-	-	Horizontal	PK	NA
1877.3755	-59.41	-53.44	6.0	-13.0	40.4	Horizontal	PK	PASS
3670.8101	-57.17	-55.43	1.7	-13.0	42.4	Horizontal	PK	PASS
6924.517	-62.73	-51.18	11.6	-13.0	38.2	Horizontal	PK	PASS
13088.443	-68.71	-44.71	24.0	-13.0	31.7	Horizontal	PK	PASS



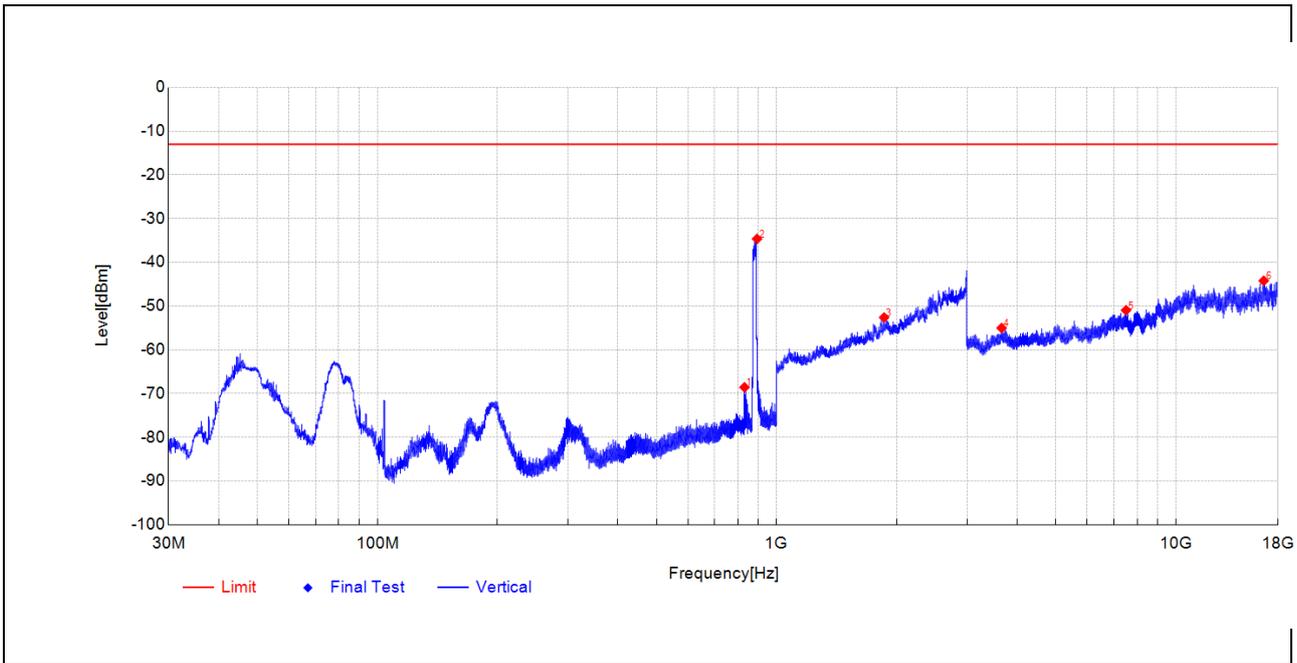
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
830.6295	-62.60	-68.56	-6.0	-	-	Vertical	PK	NA
890.53	-30.24	-34.68	-4.4	-	-	Vertical	PK	NA
1771.3543	-56.97	-53.60	3.4	-13.0	40.6	Vertical	PK	PASS
3756.108	-56.61	-55.48	1.1	-13.0	42.5	Vertical	PK	PASS
7513.0205	-63.31	-51.46	11.9	-13.0	38.5	Vertical	PK	PASS
15397.815	-71.42	-45.79	25.6	-13.0	32.8	Vertical	PK	PASS



**5G SA\_n26(824-849MHz)**  
**Plot for High Channel**



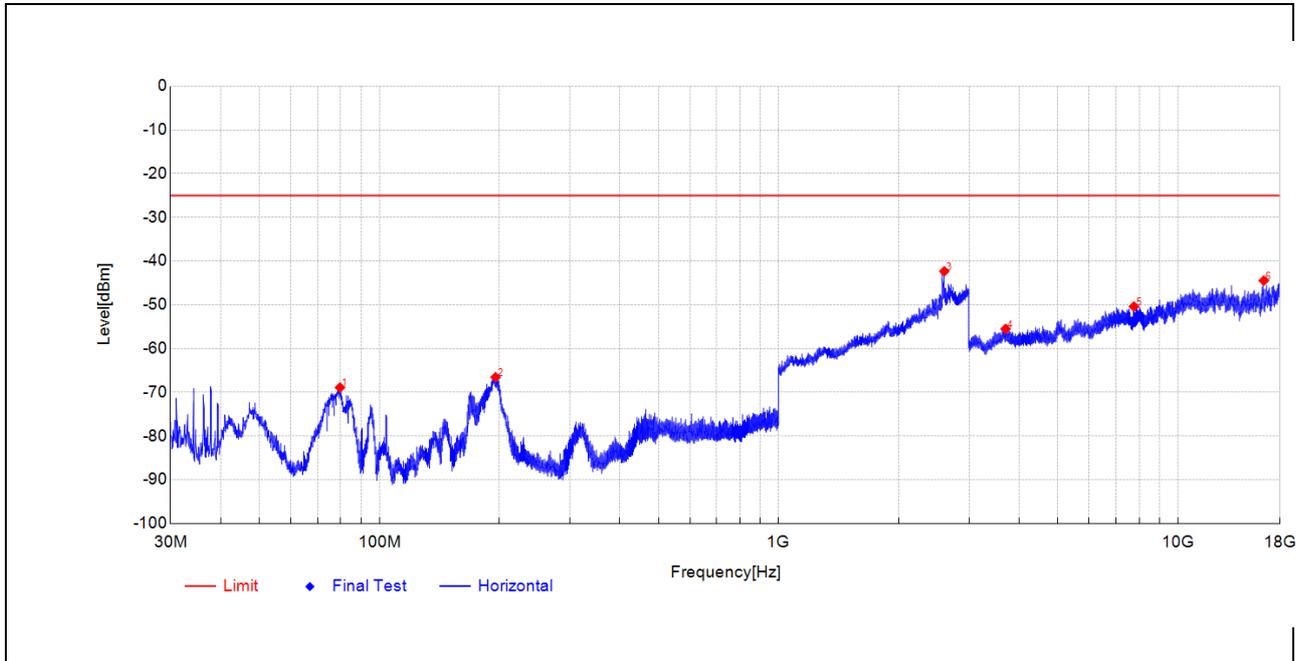
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
838.5839	-54.80	-60.27	-5.5	-	-	Horizontal	PK	NA
892.0821	-44.24	-48.92	-4.7	-	-	Horizontal	PK	NA
1879.3759	-59.15	-53.09	6.1	-13.0	40.1	Horizontal	PK	PASS
3663.952	-56.84	-55.11	1.7	-13.0	42.1	Horizontal	PK	PASS
7444.8578	-62.63	-50.33	12.3	-13.0	37.3	Horizontal	PK	PASS
16397.215	-70.96	-45.24	25.7	-13.0	32.2	Horizontal	PK	PASS



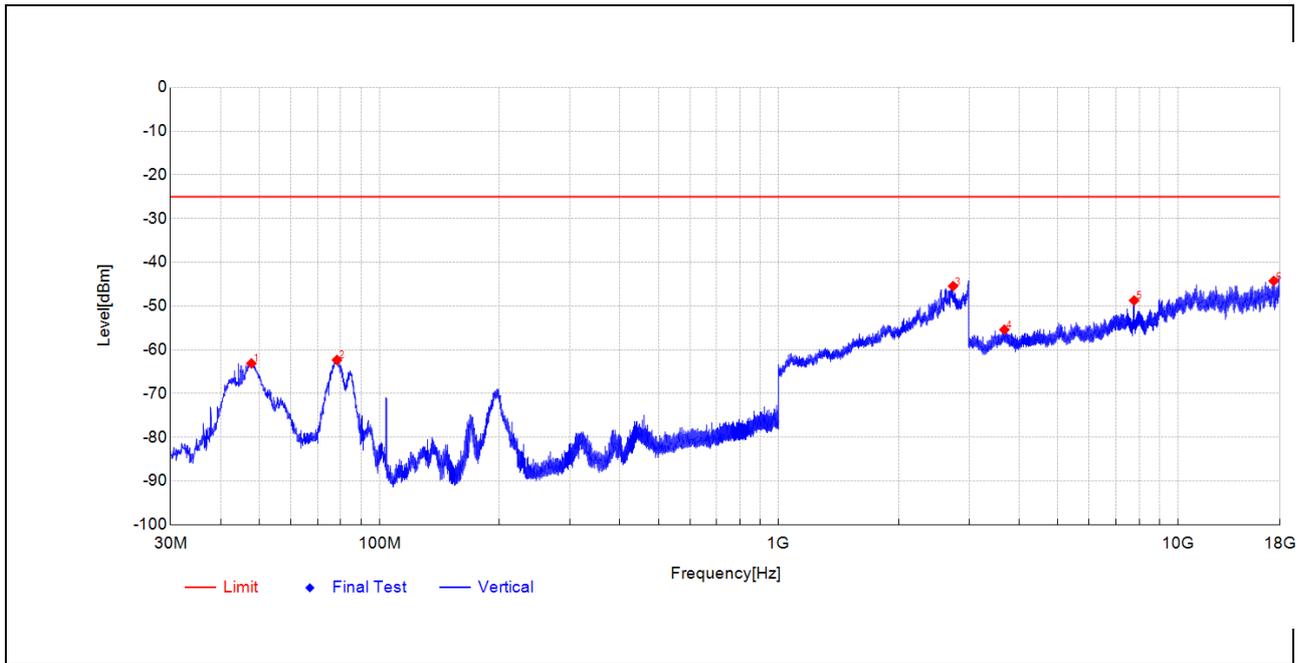
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
830.775	-62.61	-68.57	-6.0	-	-	Vertical	PK	NA
893.0036	-30.19	-34.62	-4.4	-	-	Vertical	PK	NA
1858.5717	-57.66	-52.60	5.1	-13.0	39.6	Vertical	PK	PASS
3659.6657	-56.67	-55.01	1.7	-13.0	42.0	Vertical	PK	PASS
7501.5001	-62.89	-50.95	11.9	-13.0	38.0	Vertical	PK	PASS
16599.304	-70.15	-44.21	25.9	-13.0	31.2	Vertical	PK	PASS

5G SA\_n38

Plot for Low Channel



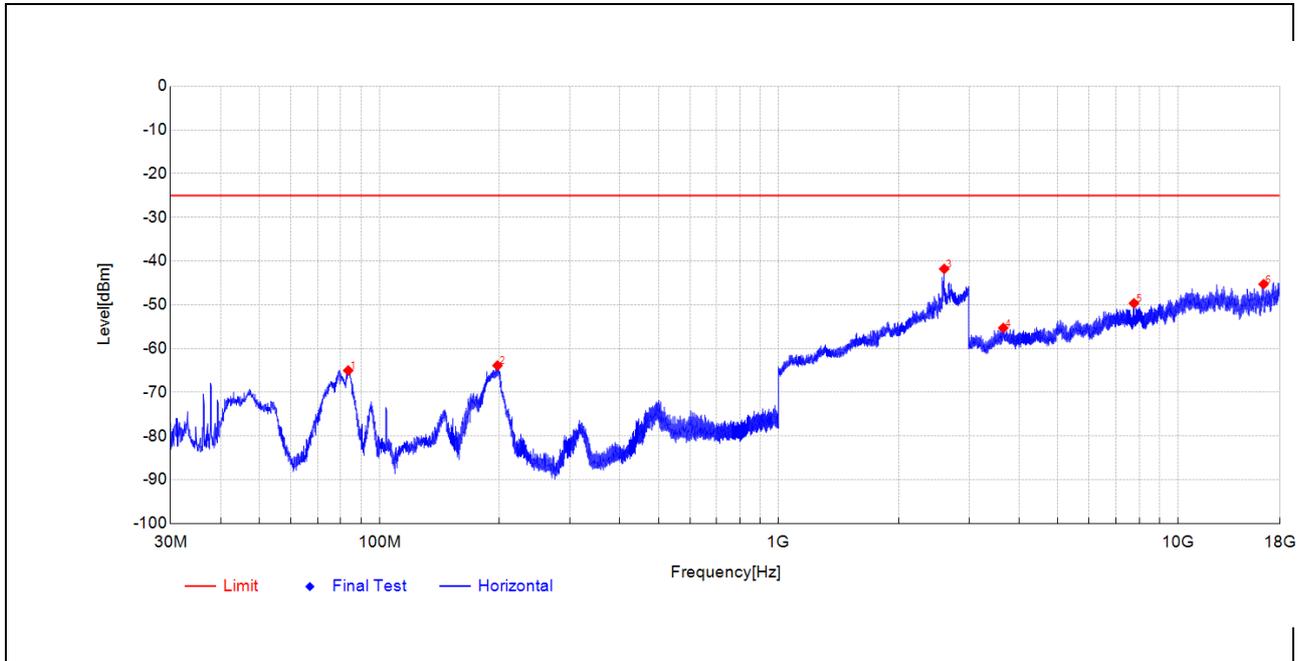
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.6665	-45.22	-68.90	-23.7	-25.0	43.9	Horizontal	PK	PASS
195.4903	-48.00	-66.54	-18.5	-25.0	41.5	Horizontal	PK	PASS
2599.5199	-54.89	-42.32	12.6	-25.0	17.3	Horizontal	PK	PASS
3702.1003	-57.25	-55.50	1.8	-25.0	30.5	Horizontal	PK	PASS
7760.2304	-62.82	-50.38	12.4	-25.0	25.4	Horizontal	PK	PASS
16413.536	-69.77	-44.45	25.3	-25.0	19.5	Horizontal	PK	PASS



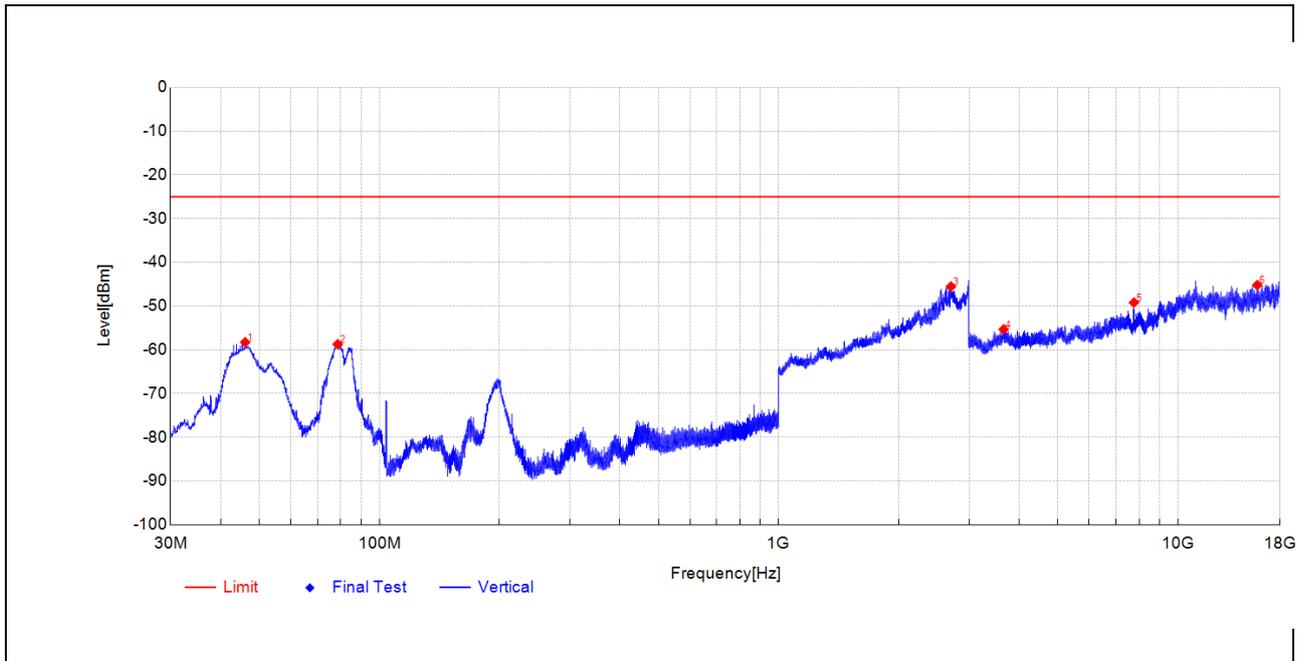
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.8004	-43.83	-63.10	-19.3	-25.0	38.1	Vertical	PK	PASS
78.3084	-39.59	-62.32	-22.7	-25.0	37.3	Vertical	PK	PASS
2734.7469	-58.19	-45.43	12.8	-25.0	20.4	Vertical	PK	PASS
3675.9537	-57.10	-55.39	1.7	-25.0	30.4	Vertical	PK	PASS
7767.4307	-60.11	-48.72	11.4	-25.0	23.7	Vertical	PK	PASS
17378.375	-69.04	-44.25	24.8	-25.0	19.3	Vertical	PK	PASS

5G SA\_n38

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
83.5467	-41.39	-65.01	-23.6	-25.0	40.0	Horizontal	PK	PASS
197.6244	-45.70	-63.87	-18.2	-25.0	38.9	Horizontal	PK	PASS
2599.1198	-54.34	-41.78	12.6	-25.0	16.8	Horizontal	PK	PASS
3652.3789	-57.00	-55.28	1.7	-25.0	30.3	Horizontal	PK	PASS
7760.2304	-62.08	-49.64	12.4	-25.0	24.6	Horizontal	PK	PASS
16393.855	-70.95	-45.27	25.7	-25.0	20.3	Horizontal	PK	PASS

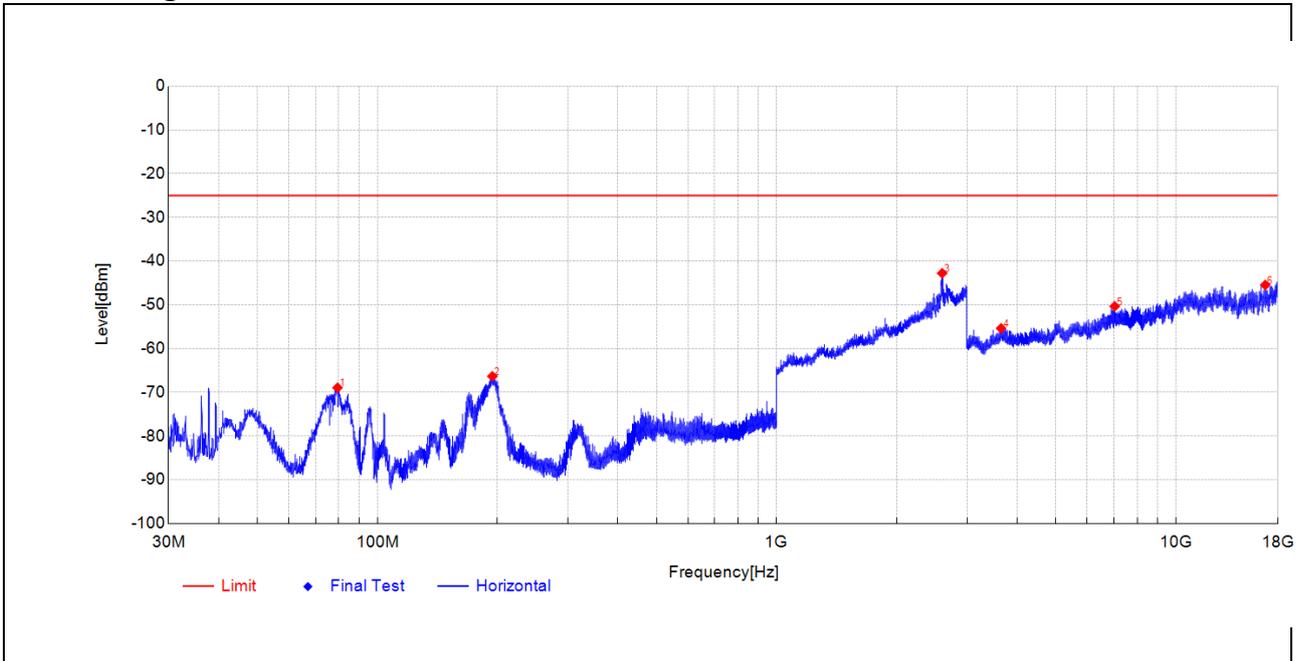


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.1028	-38.43	-58.26	-19.8	-25.0	33.3	Vertical	PK	PASS
78.5994	-35.94	-58.73	-22.8	-25.0	33.7	Vertical	PK	PASS
2701.1402	-58.75	-45.53	13.2	-25.0	20.5	Vertical	PK	PASS
3660.9516	-56.98	-55.32	1.7	-25.0	30.3	Vertical	PK	PASS
7760.7104	-60.58	-49.18	11.4	-25.0	24.2	Vertical	PK	PASS
15813.512	-70.22	-45.20	25.0	-25.0	20.2	Vertical	PK	PASS

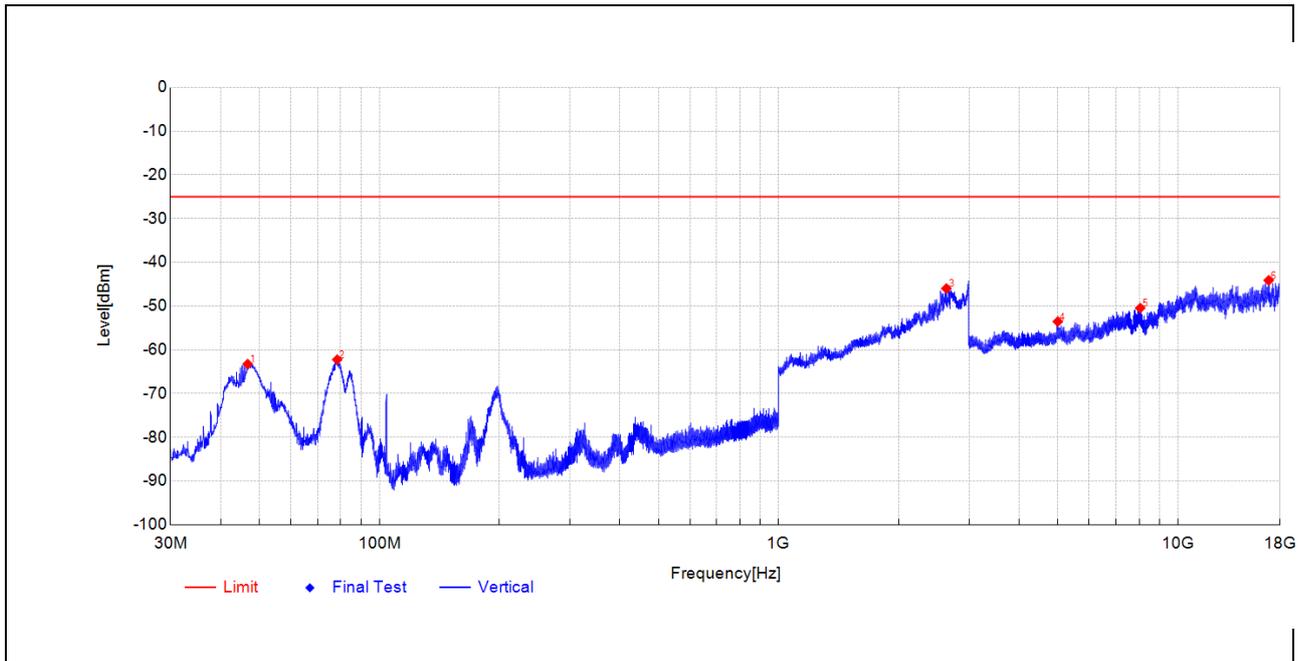


5G SA\_n38

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.4725	-45.33	-68.94	-23.6	-25.0	43.9	Horizontal	PK	PASS
194.0837	-47.54	-66.33	-18.8	-25.0	41.3	Horizontal	PK	PASS
2597.5195	-55.27	-42.77	12.5	-	-	Horizontal	PK	NA
3648.9498	-57.08	-55.37	1.7	-25.0	30.4	Horizontal	PK	PASS
7025.801	-61.95	-50.33	11.6	-25.0	25.3	Horizontal	PK	PASS
16746.669	-69.92	-45.46	24.5	-25.0	20.5	Horizontal	PK	PASS

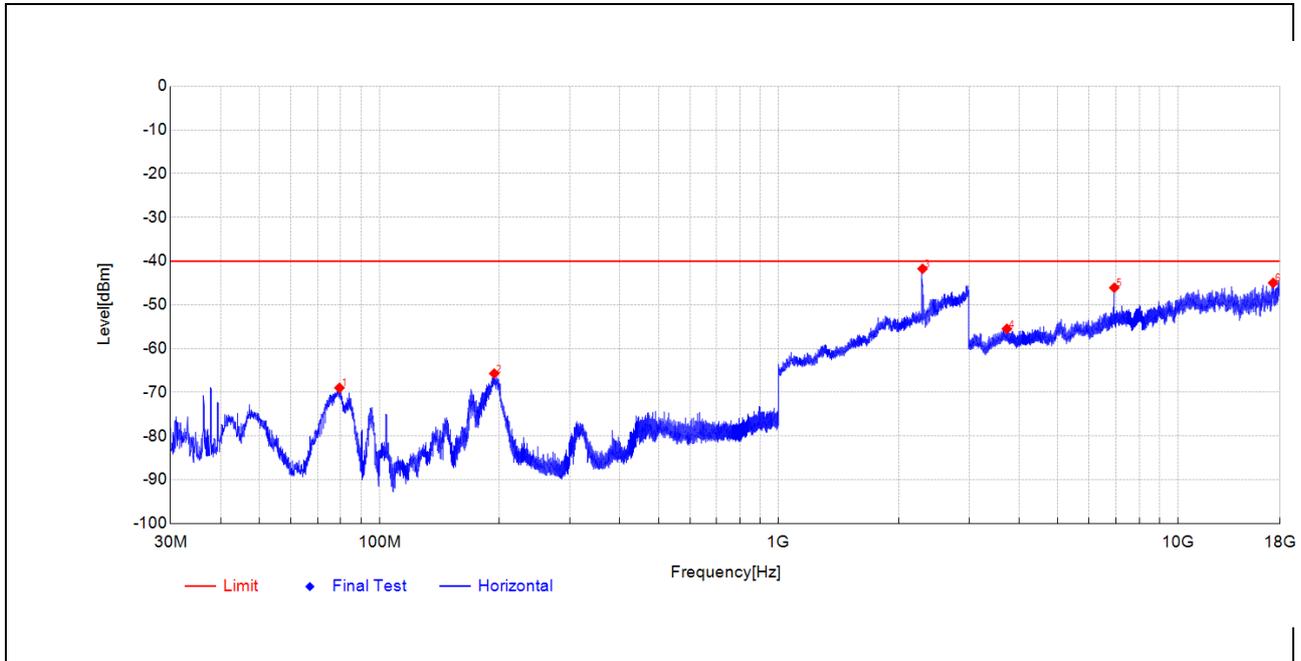


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.7818	-43.64	-63.25	-19.6	-25.0	38.3	Vertical	PK	PASS
78.4054	-39.48	-62.23	-22.8	-25.0	37.2	Vertical	PK	PASS
2630.3261	-59.29	-45.98	13.3	-25.0	21.0	Vertical	PK	PASS
5002.1432	-59.06	-53.53	5.5	-25.0	28.5	Vertical	PK	PASS
8046.8019	-63.44	-50.45	13.0	-25.0	25.5	Vertical	PK	PASS
16881.555	-70.40	-44.11	26.3	-25.0	19.1	Vertical	PK	PASS

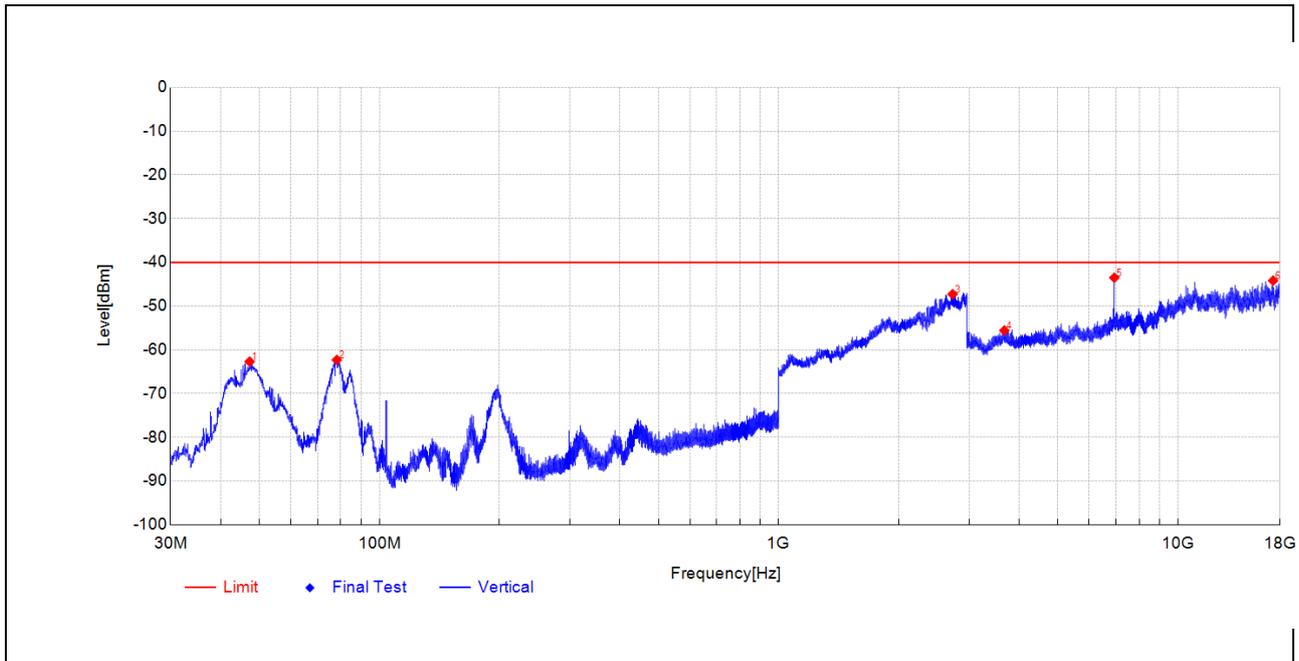


5G SA\_n40(2305-2315MHz)

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.424	-45.33	-68.98	-23.7	-40.0	29.0	Horizontal	PK	PASS
193.9382	-46.87	-65.71	-18.8	-40.0	25.7	Horizontal	PK	PASS
2293.4587	-49.65	-41.75	7.9	-	-	Horizontal	PK	NA
3729.9614	-56.95	-55.47	1.5	-40.0	15.5	Horizontal	PK	PASS
6930.2772	-57.62	-46.08	11.5	-40.0	6.1	Horizontal	PK	PASS
17316.452	-69.13	-44.98	24.2	-40.0	5.0	Horizontal	PK	PASS

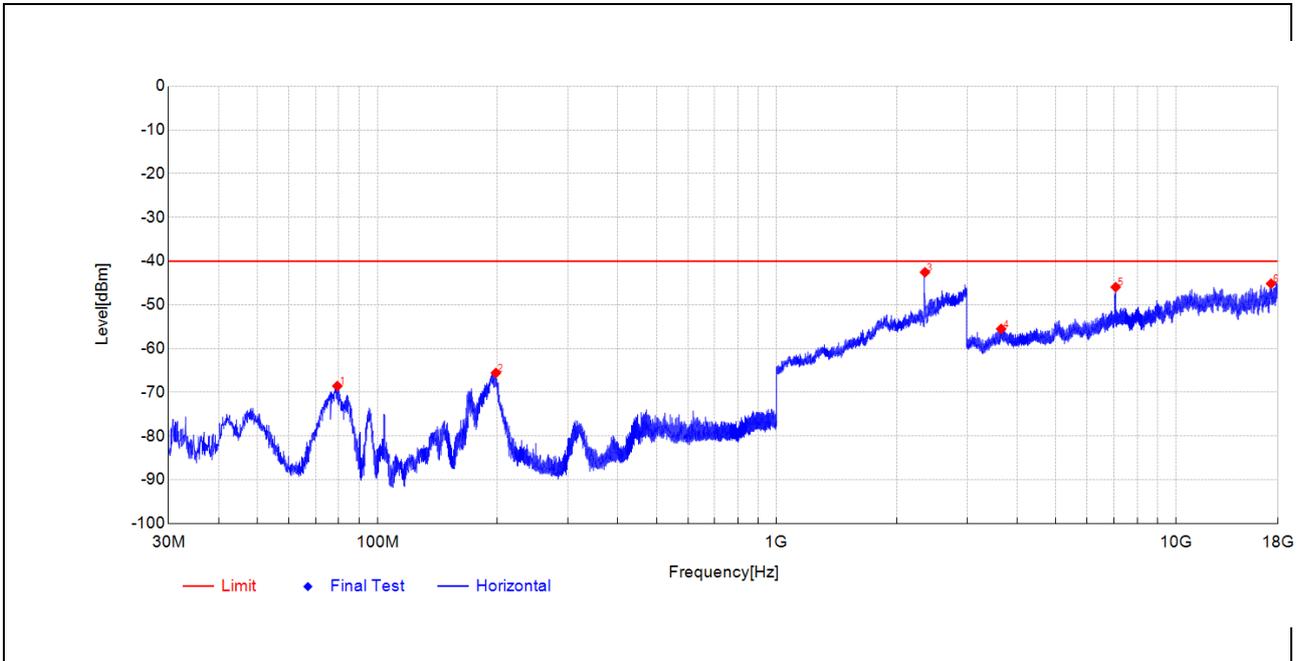


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
47.3154	-43.25	-62.69	-19.4	-40.0	22.7	Vertical	PK	PASS
78.2114	-39.54	-62.30	-22.8	-40.0	22.3	Vertical	PK	PASS
2727.1454	-58.68	-47.26	11.4	-40.0	7.3	Vertical	PK	PASS
3675.0964	-57.29	-55.58	1.7	-40.0	15.6	Vertical	PK	PASS
6931.2372	-54.42	-43.50	10.9	-40.0	3.5	Vertical	PK	PASS
17314.052	-68.80	-44.18	24.6	-40.0	4.2	Vertical	PK	PASS

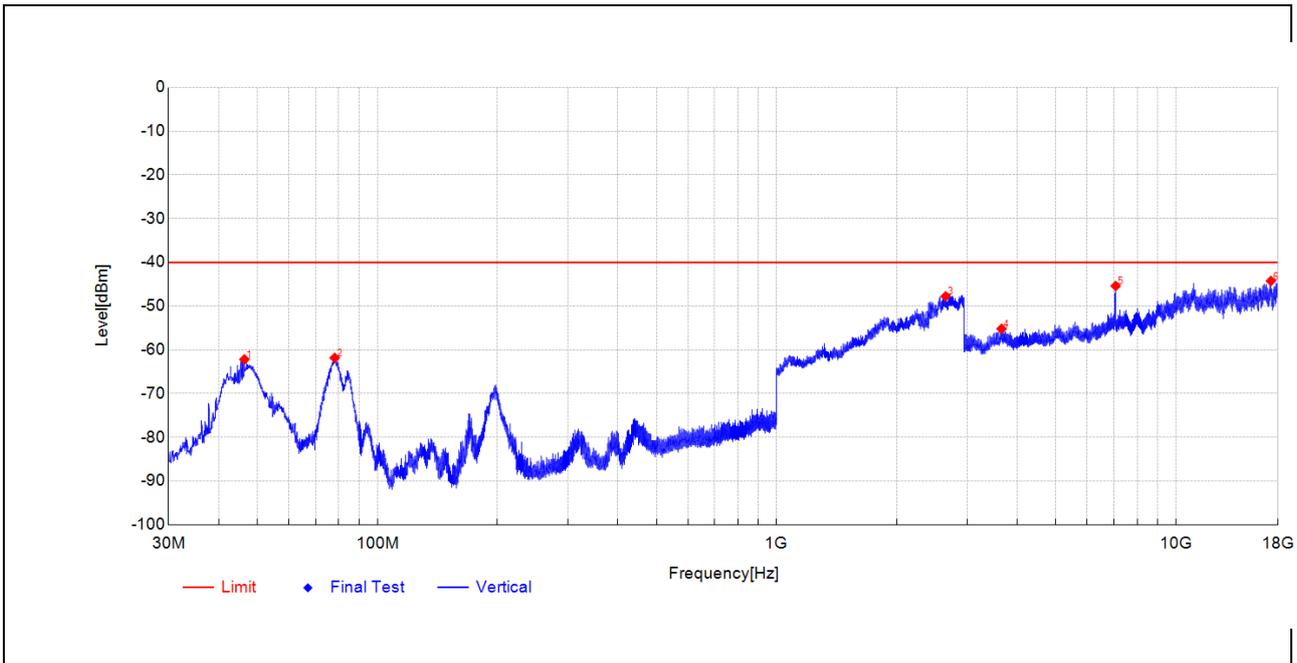


5G SA\_n40(2350-2360MHz)

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.3755	-44.92	-68.56	-23.6	-40.0	28.6	Horizontal	PK	PASS
198.0609	-47.44	-65.56	-18.1	-40.0	25.6	Horizontal	PK	PASS
2352.2705	-50.66	-42.55	8.1	-	-	Horizontal	PK	NA
3650.6644	-57.22	-55.50	1.7	-40.0	15.5	Horizontal	PK	PASS
7065.6426	-57.72	-45.94	11.8	-40.0	5.9	Horizontal	PK	PASS
17313.092	-69.27	-45.15	24.1	-40.0	5.2	Horizontal	PK	PASS

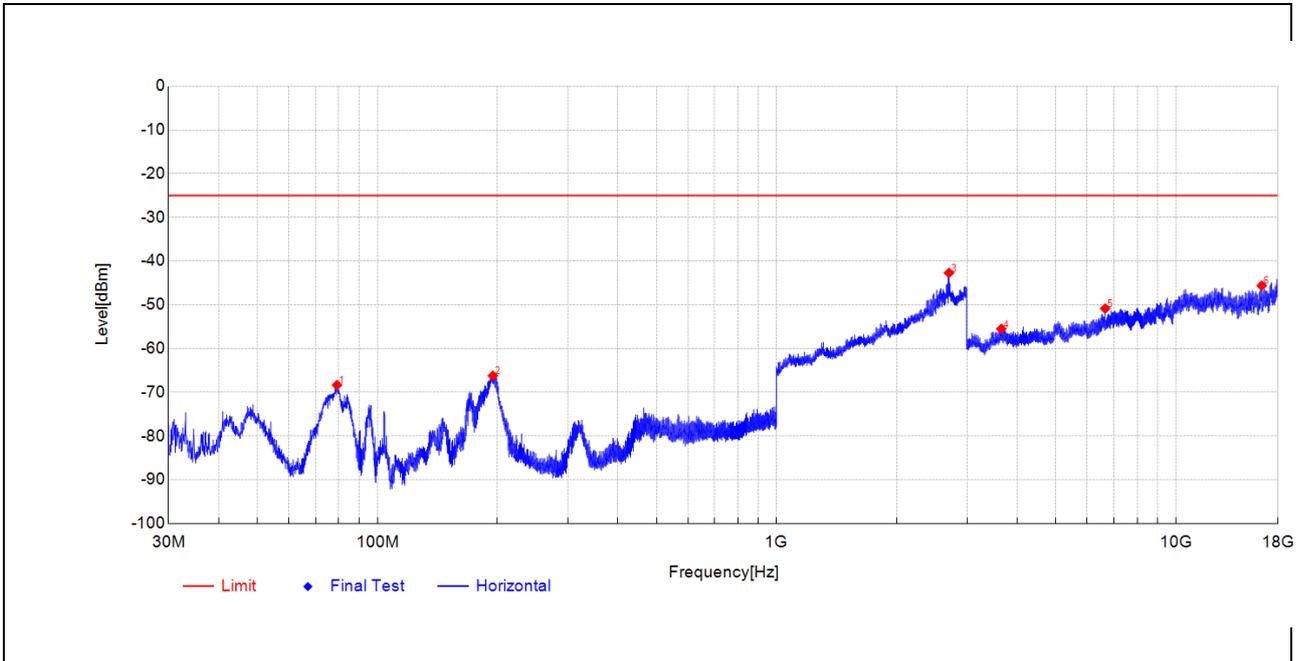


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.4423	-42.46	-62.19	-19.7	-40.0	22.2	Vertical	PK	PASS
78.1629	-39.09	-61.84	-22.8	-40.0	21.8	Vertical	PK	PASS
2650.7301	-58.98	-47.76	11.2	-40.0	7.8	Vertical	PK	PASS
3658.8084	-56.85	-55.19	1.7	-40.0	15.2	Vertical	PK	PASS
7065.6426	-56.31	-45.40	10.9	-40.0	5.4	Vertical	PK	PASS
17300.132	-68.83	-44.25	24.6	-40.0	4.3	Vertical	PK	PASS

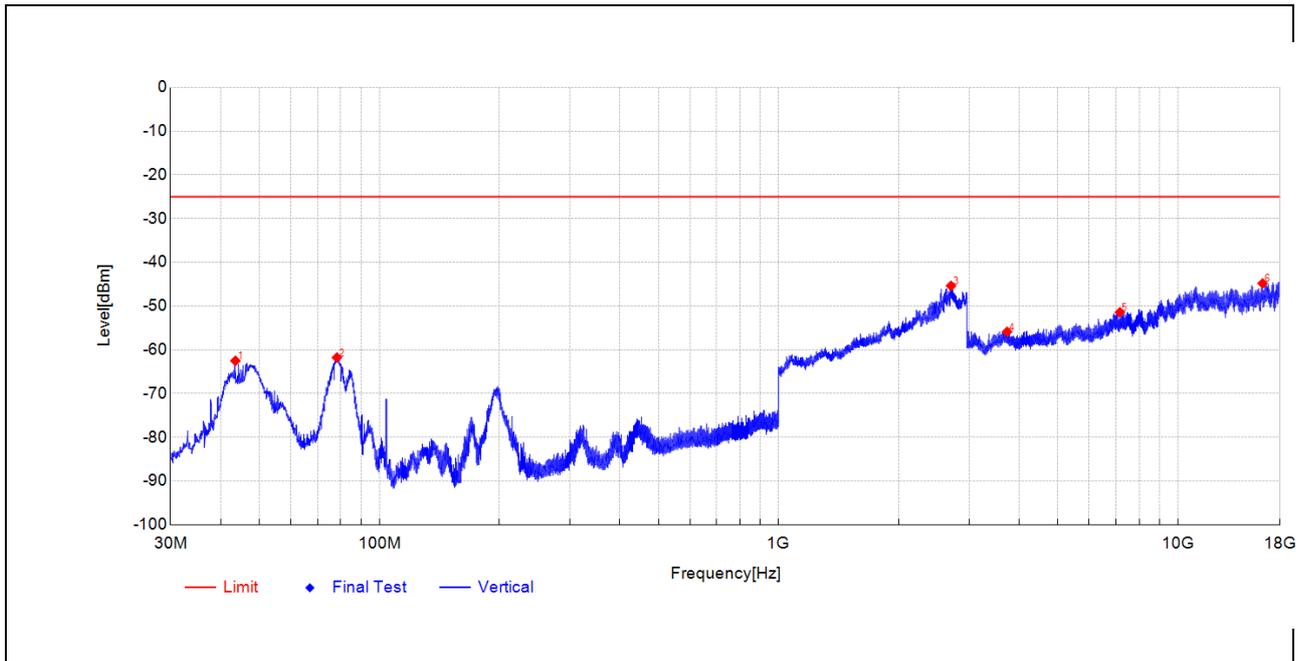


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Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.23	-44.80	-68.33	-23.5	-25.0	43.3	Horizontal	PK	PASS
194.6172	-47.50	-66.20	-18.7	-25.0	41.2	Horizontal	PK	PASS
2701.9404	-56.24	-42.69	13.6	-25.0	17.7	Horizontal	PK	PASS
3654.5221	-57.21	-55.49	1.7	-25.0	30.5	Horizontal	PK	PASS
6650.906	-61.73	-50.84	10.9	-25.0	25.8	Horizontal	PK	PASS
16402.496	-71.28	-45.59	25.7	-25.0	20.6	Horizontal	PK	PASS

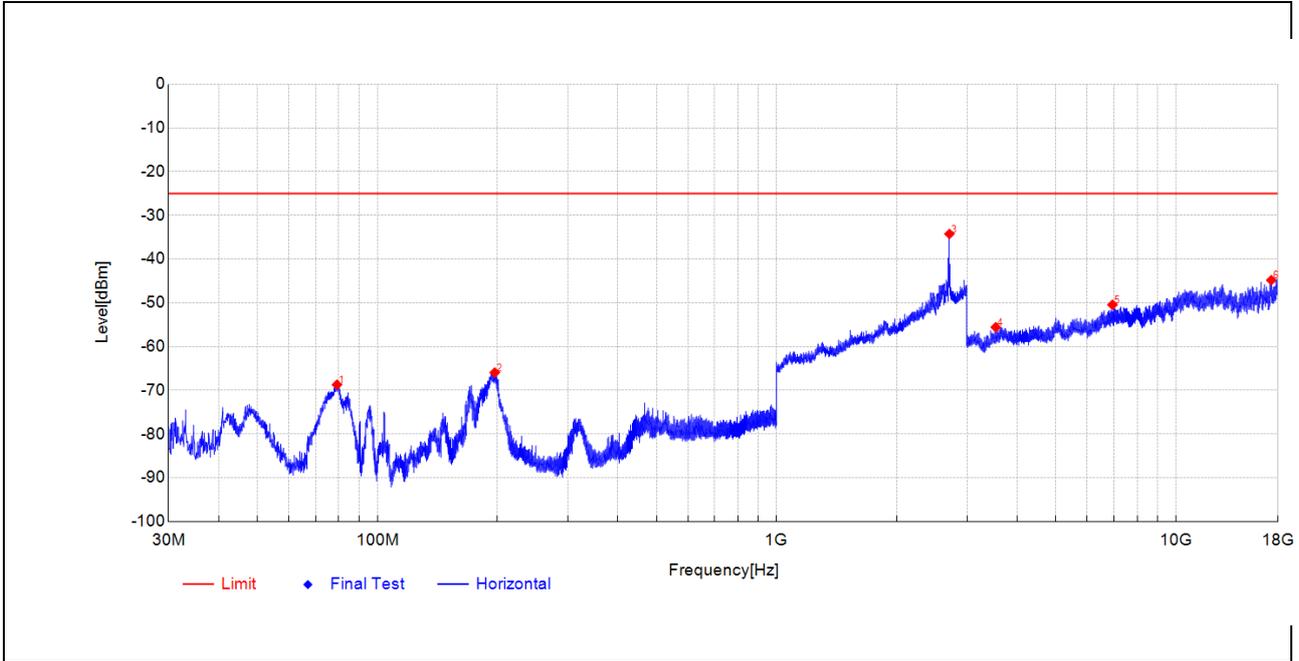


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
43.5807	-41.85	-62.51	-20.7	-25.0	37.5	Vertical	PK	PASS
78.2599	-39.04	-61.76	-22.7	-25.0	36.8	Vertical	PK	PASS
2702.3405	-58.61	-45.37	13.2	-25.0	20.4	Vertical	PK	PASS
3733.8191	-57.26	-55.88	1.4	-25.0	30.9	Vertical	PK	PASS
7157.3263	-62.50	-51.42	11.1	-25.0	26.4	Vertical	PK	PASS
16299.772	-70.99	-44.81	26.2	-25.0	19.8	Vertical	PK	PASS

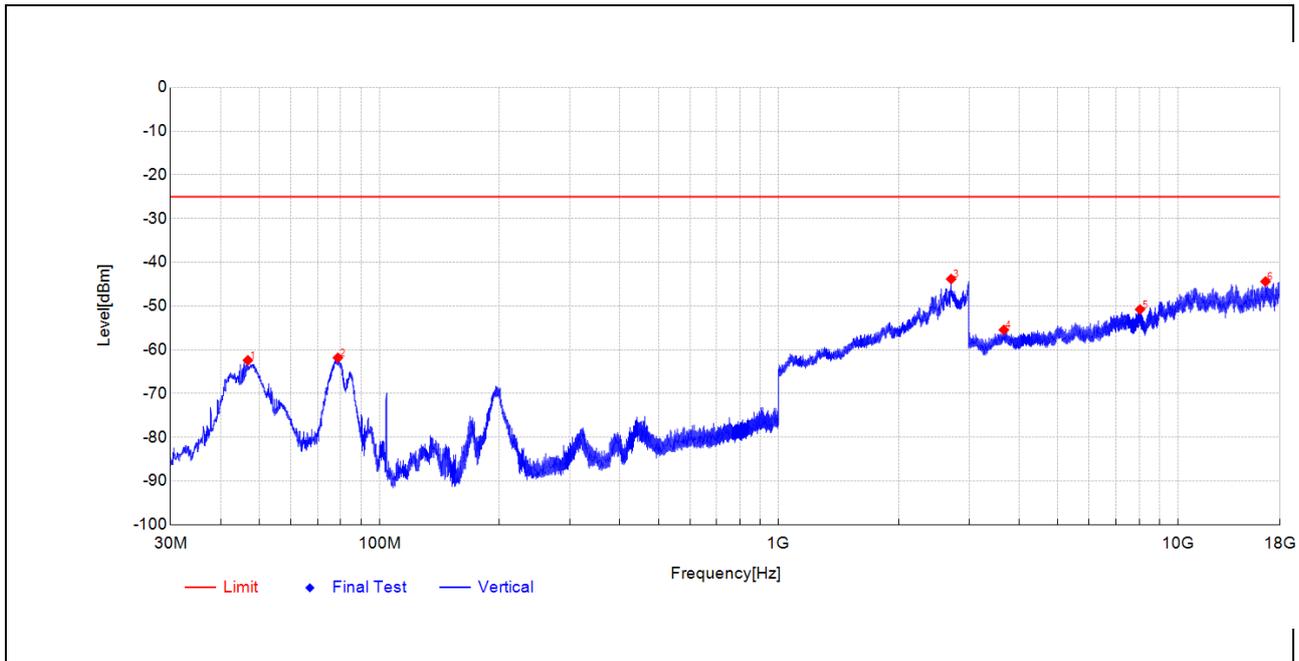


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Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.23	-45.18	-68.71	-23.5	-25.0	43.7	Horizontal	PK	PASS
196.7028	-47.61	-65.94	-18.3	-25.0	40.9	Horizontal	PK	PASS
2708.7417	-47.58	-34.23	13.4	-	-	Horizontal	PK	NA
3537.934	-56.84	-55.57	1.3	-25.0	30.6	Horizontal	PK	PASS
6937.4775	-61.97	-50.43	11.5	-25.0	25.4	Horizontal	PK	PASS
17335.173	-69.10	-44.81	24.3	-25.0	19.8	Horizontal	PK	PASS

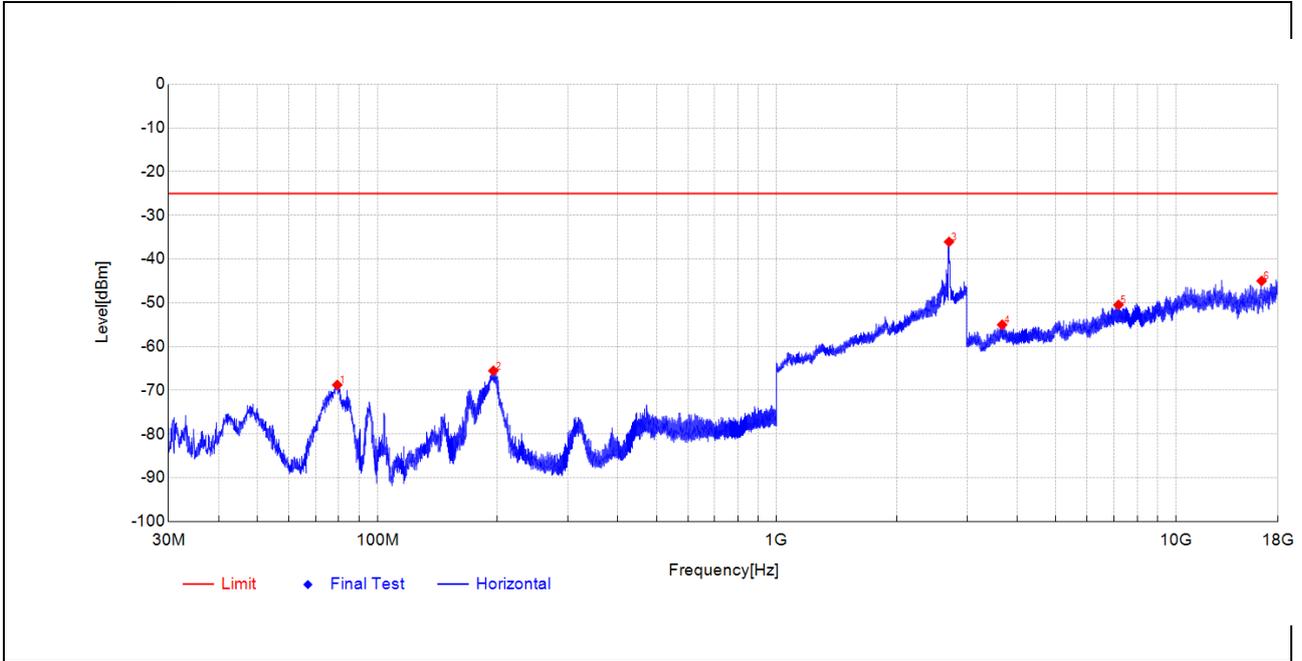


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
46.8303	-42.81	-62.39	-19.6	-25.0	37.4	Vertical	PK	PASS
78.6964	-39.00	-61.82	-22.8	-25.0	36.8	Vertical	PK	PASS
2705.141	-57.09	-43.81	13.3	-25.0	18.8	Vertical	PK	PASS
3664.8093	-57.11	-55.44	1.7	-25.0	30.4	Vertical	PK	PASS
8038.1615	-63.75	-50.76	13.0	-25.0	25.8	Vertical	PK	PASS
16578.183	-69.96	-44.38	25.6	-25.0	19.4	Vertical	PK	PASS



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Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
79.327	-45.21	-68.77	-23.6	-25.0	43.8	Horizontal	PK	PASS
195.1993	-46.93	-65.53	-18.6	-25.0	40.5	Horizontal	PK	PASS
2702.7405	-49.57	-36.04	13.5	-25.0	11.0	Horizontal	PK	PASS
3671.6674	-56.75	-55.01	1.7	-25.0	30.0	Horizontal	PK	PASS
7182.7673	-62.41	-50.46	12.0	-25.0	25.5	Horizontal	PK	PASS
16400.576	-70.73	-44.98	25.8	-25.0	20.0	Horizontal	PK	PASS