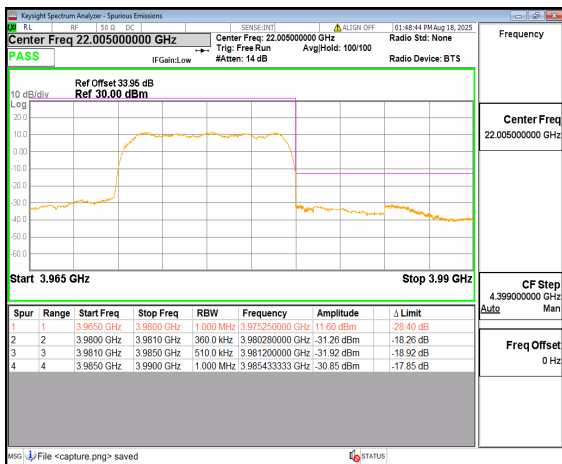
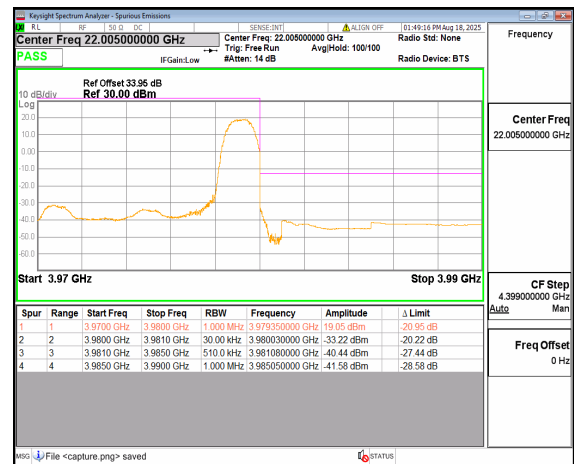
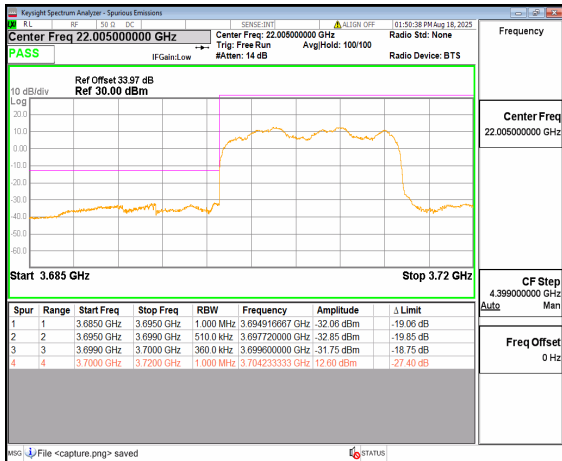




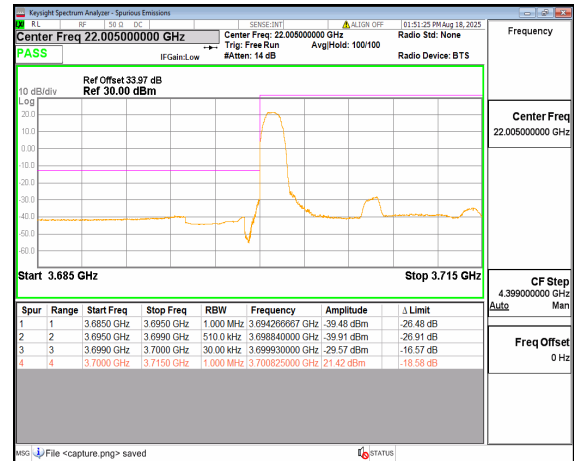
n77(3700-3980MHz) 10M DFT-s-OFDM QPSK
Outer_Full High



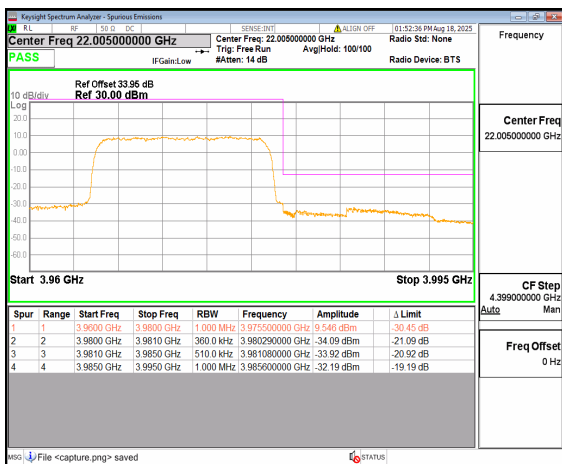
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Edge_1RB_Right High



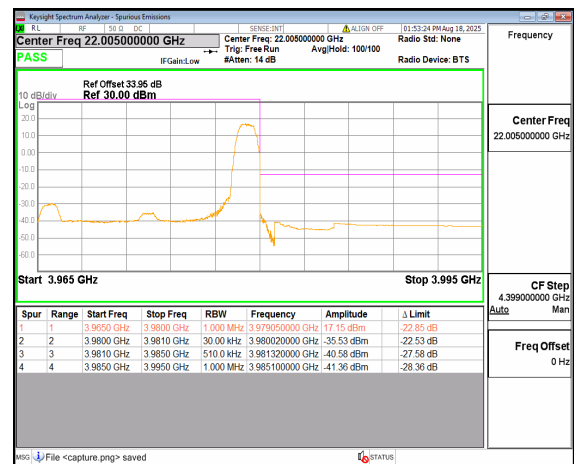
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Outer_Full Low



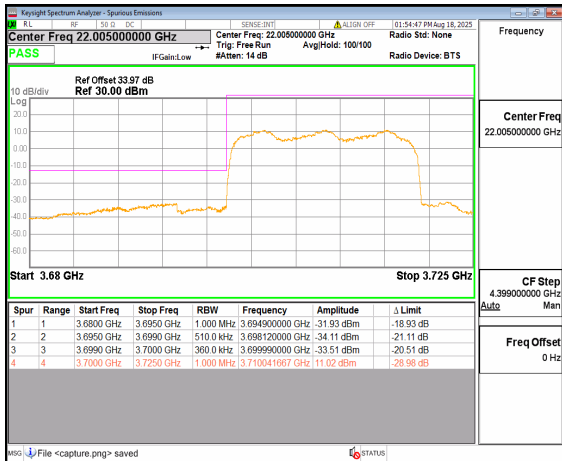
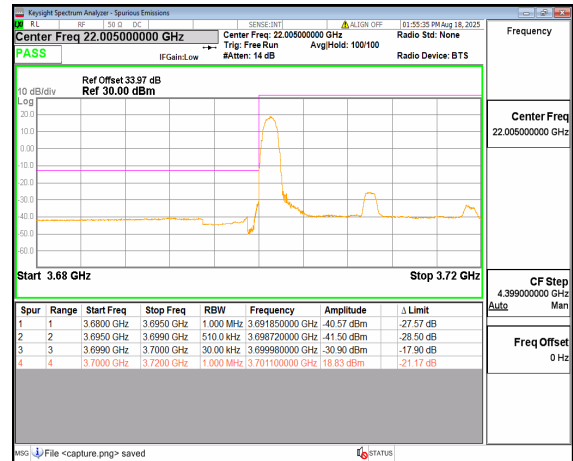
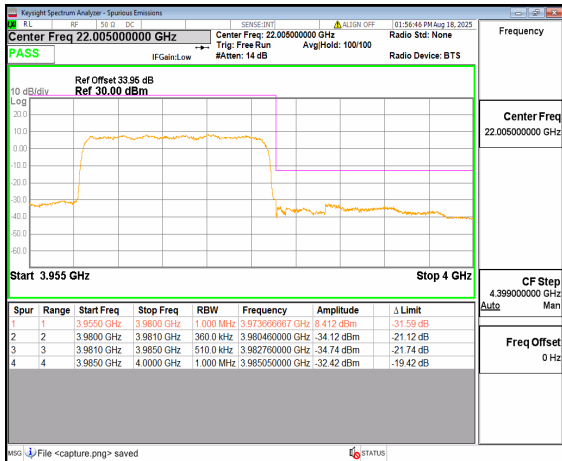
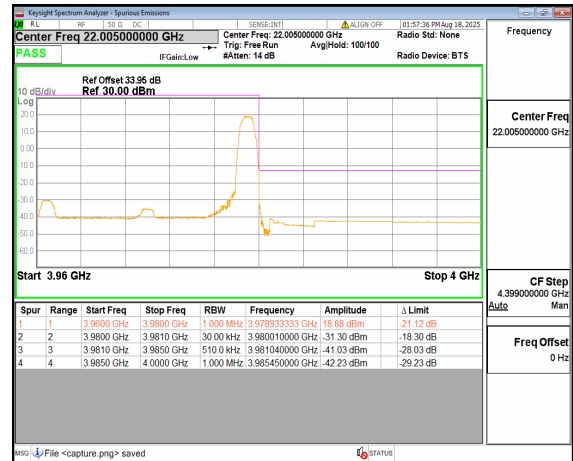
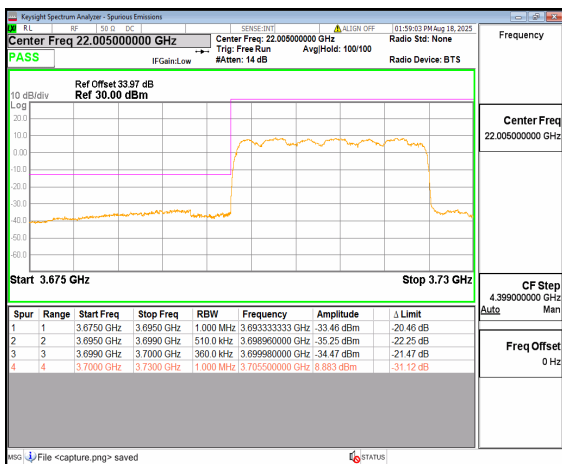
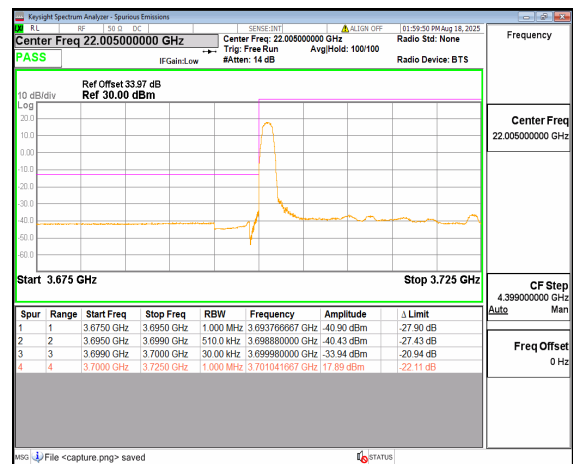
n77(3700-3980MHz) 15M DFT-s-OFDM QPSK
Edge_1RB_Left Low

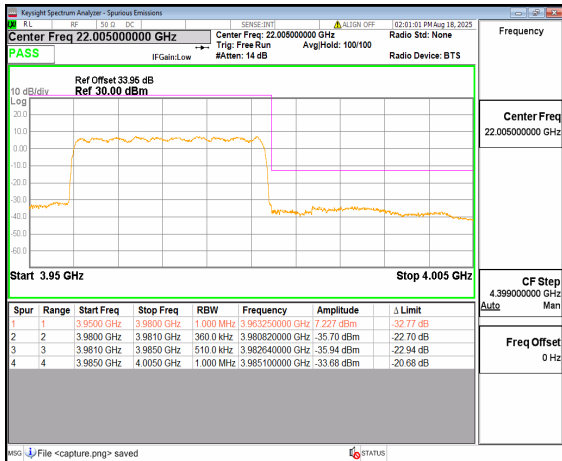
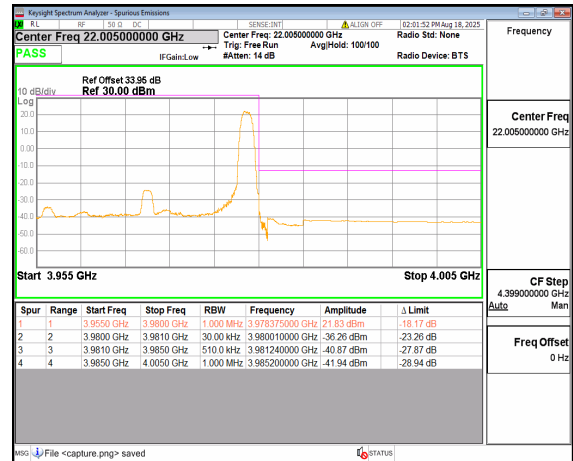
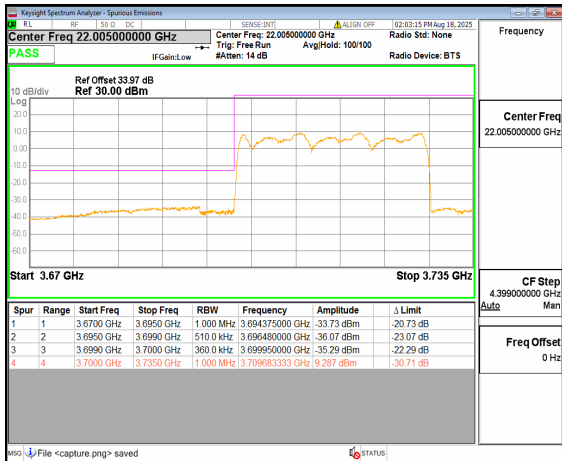
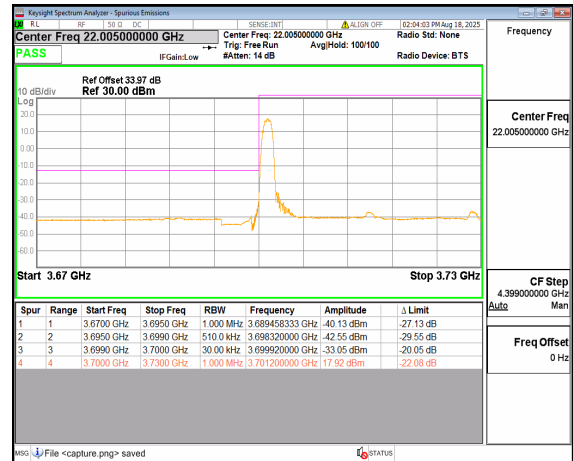
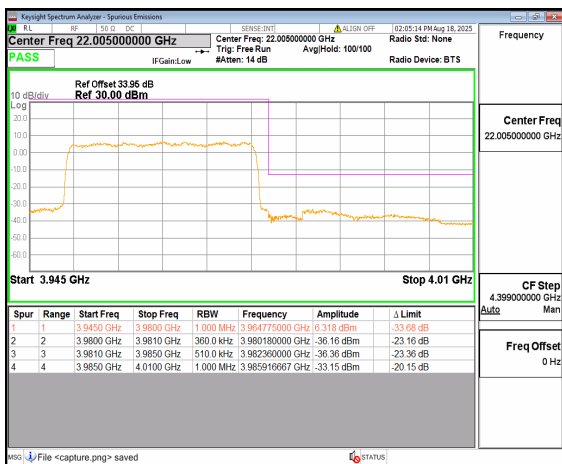
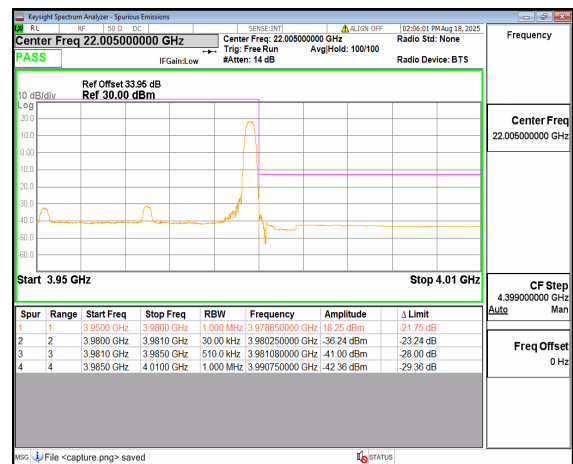


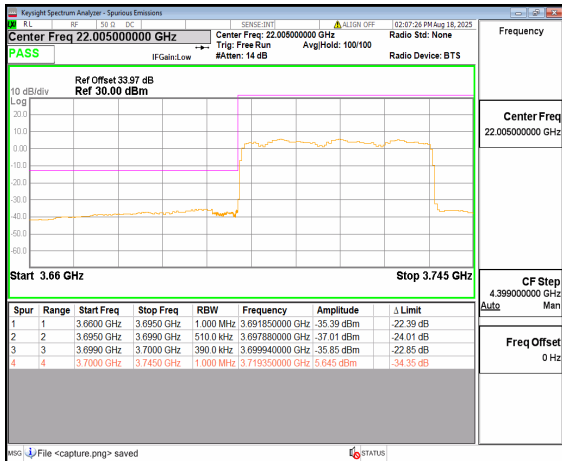
n77(3700-3980MHz) 15M DFT-s-OFDM QPSK
Outer_Full High



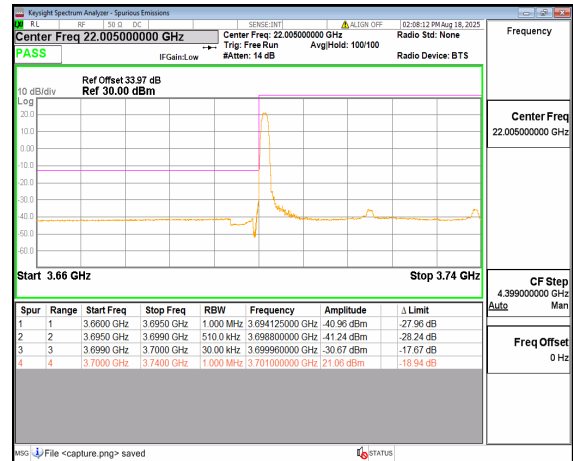
n77(3700-3980MHz) 15M DFT-s-OFDM QPSK
Edge_1RB_Right High

n77(3700-3980MHz) 20M DFT-s-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 20M DFT-s-OFDM QPSK
Edge_1RB_Left Lown77(3700-3980MHz) 20M DFT-s-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 20M DFT-s-OFDM QPSK
Edge_1RB_Right Highn77(3700-3980MHz) 25M DFT-s-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 25M DFT-s-OFDM QPSK
Edge_1RB_Left Low

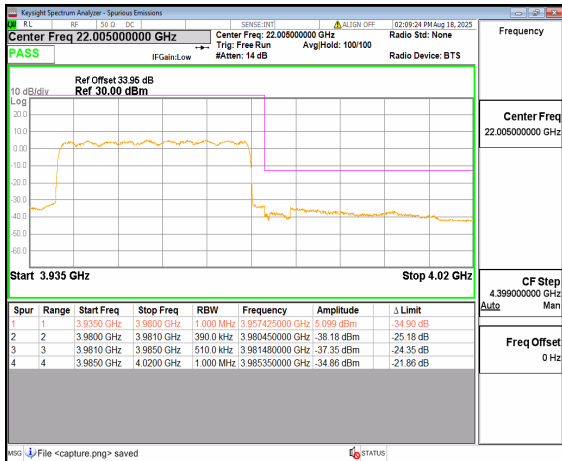
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Outer_Full Highn77(3700-3980MHz) 25M DFT-s-OFDM QPSK
Edge_1RB_Right Highn77(3700-3980MHz) 30M DFT-s-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 30M DFT-s-OFDM QPSK
Edge_1RB_Left Lown77(3700-3980MHz) 30M DFT-s-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 30M DFT-s-OFDM QPSK
Edge_1RB_Right High



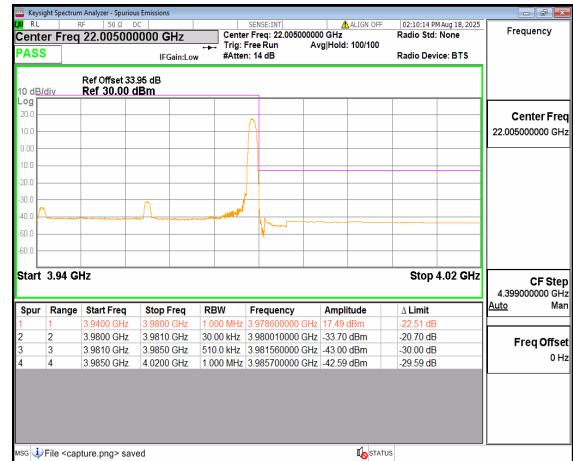
n77(3700-3980MHz) 40M DFT-s-OFDM QPSK
Outer_Full Low



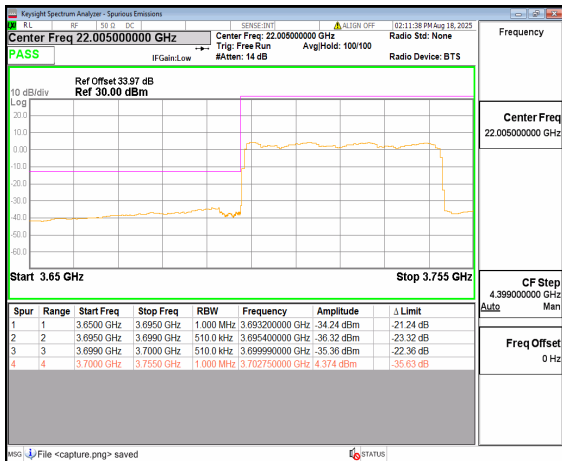
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Edge_1RB_Left Low



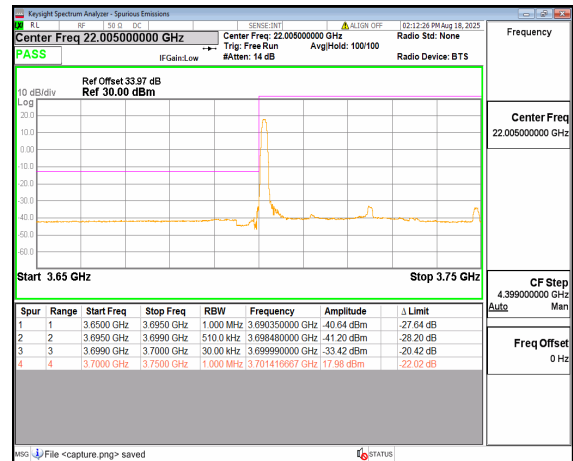
n77(3700-3980MHz) 40M DFT-s-OFDM QPSK
Outer_Full High



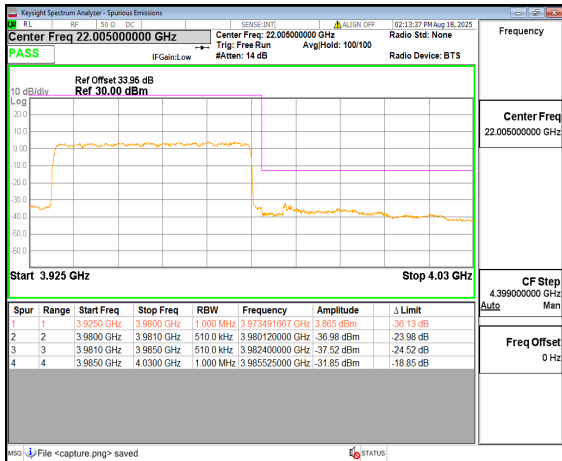
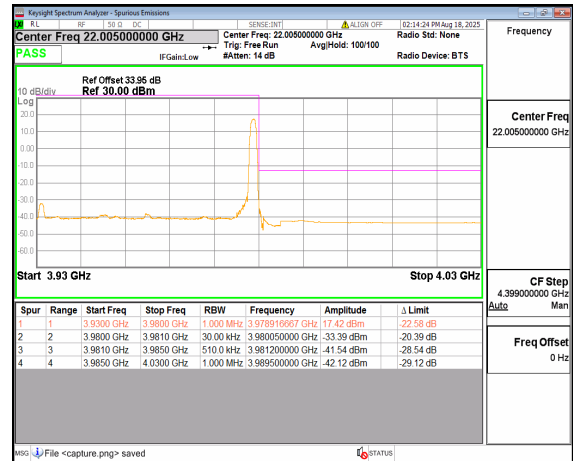
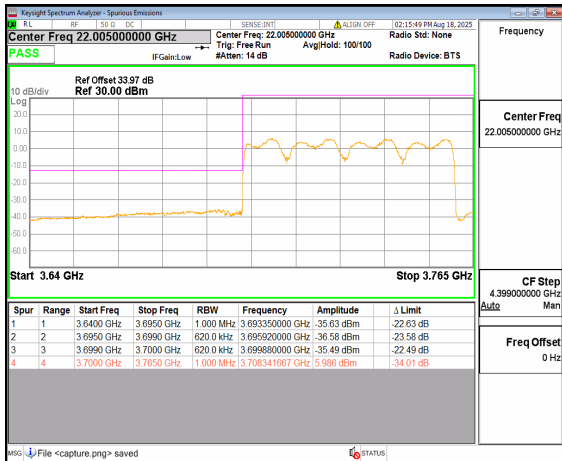
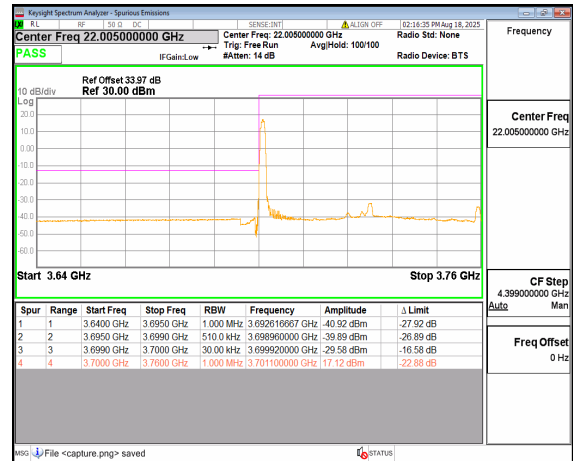
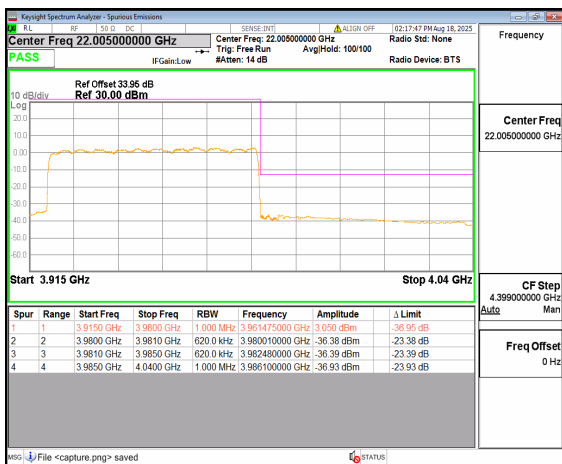
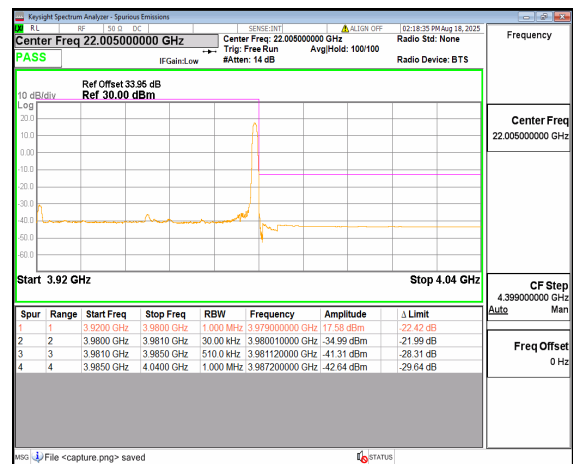
n77(3700-3980MHz) 40M DFT-s-OFDM QPSK
Edge_1RB_Right High

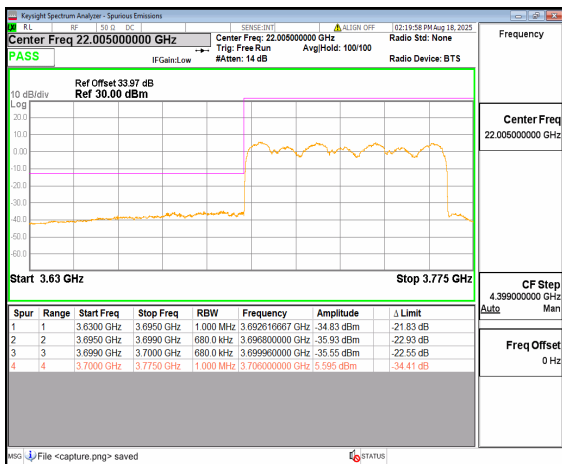
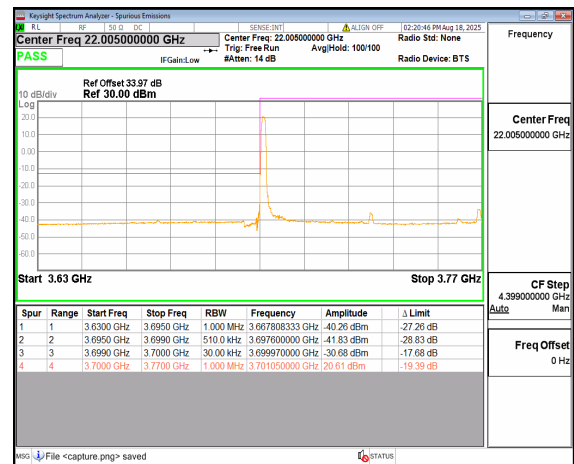
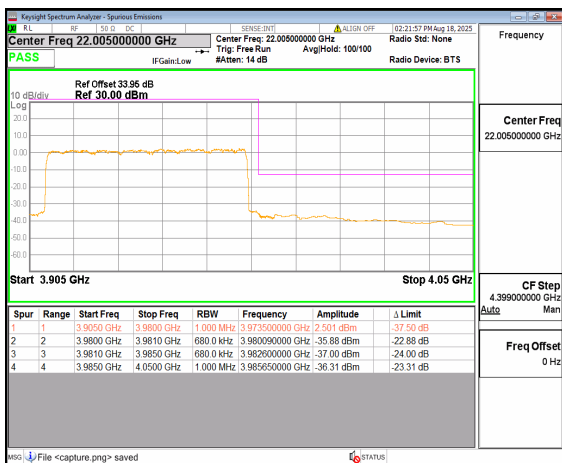
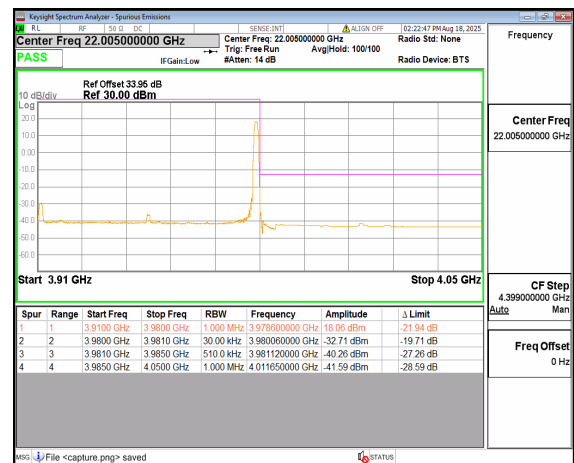
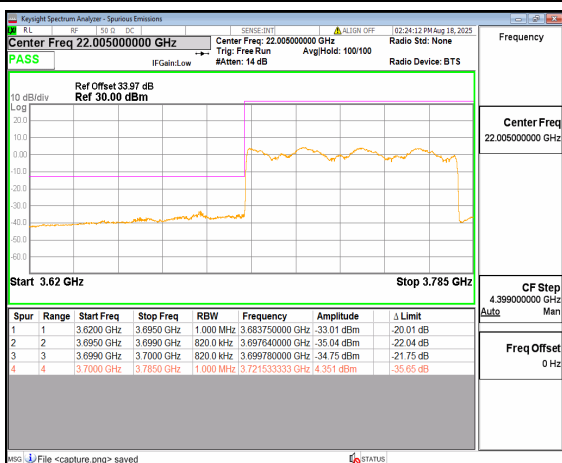
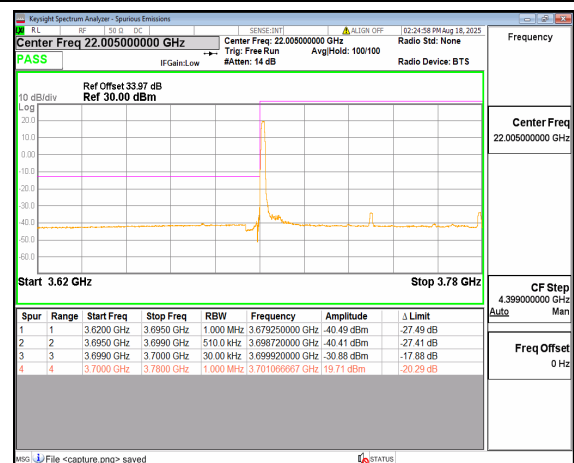


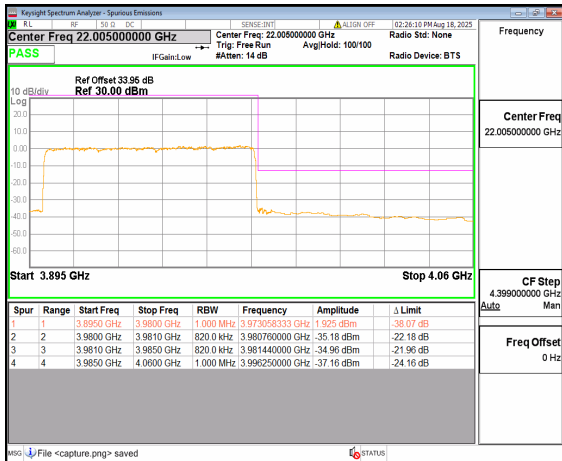
n77(3700-3980MHz) 50M DFT-s-OFDM QPSK
Outer_Full Low



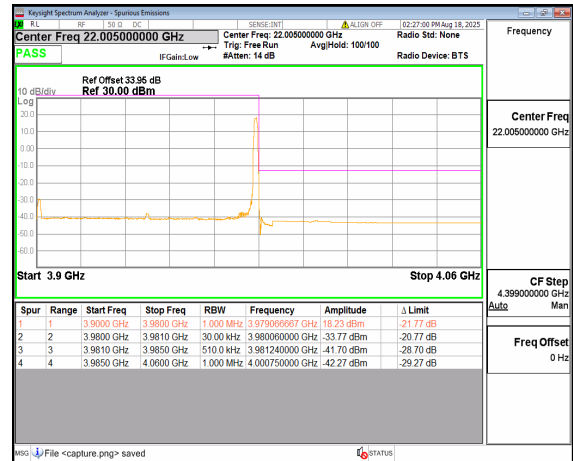
n77(3700-3980MHz) 50M DFT-s-OFDM QPSK
Edge_1RB_Left Low

n77(3700-3980MHz) 50M DFT-s-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 50M DFT-s-OFDM QPSK
Edge_1RB_Right Highn77(3700-3980MHz) 60M DFT-s-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 60M DFT-s-OFDM QPSK
Edge_1RB_Left Lown77(3700-3980MHz) 60M DFT-s-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 60M DFT-s-OFDM QPSK
Edge_1RB_Right High

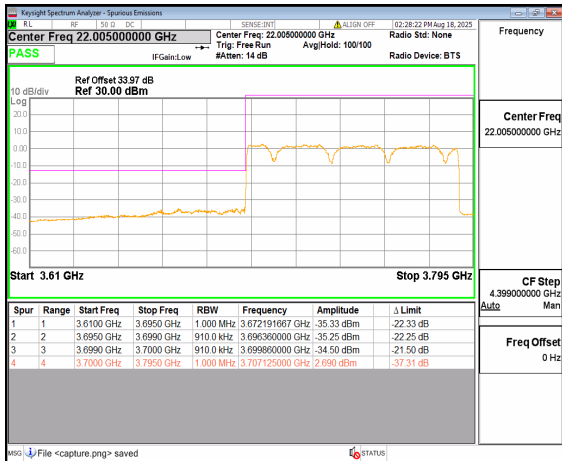
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Outer_Full Lown77(3700-3980MHz) 70M DFT-s-OFDM QPSK
Edge_1RB_Left Lown77(3700-3980MHz) 70M DFT-s-OFDM QPSK
Outer_Full Highn77(3700-3980MHz) 70M DFT-s-OFDM QPSK
Edge_1RB_Right Highn77(3700-3980MHz) 80M DFT-s-OFDM QPSK
Outer_Full Lown77(3700-3980MHz) 80M DFT-s-OFDM QPSK
Edge_1RB_Left Low



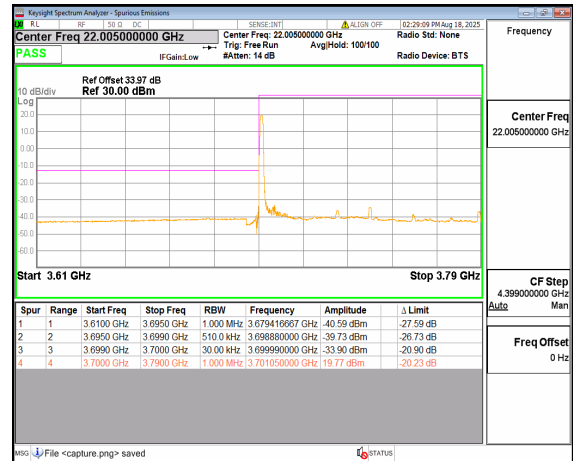
n77(3700-3980MHz) 80M DFT-s-OFDM QPSK
Outer_Full High



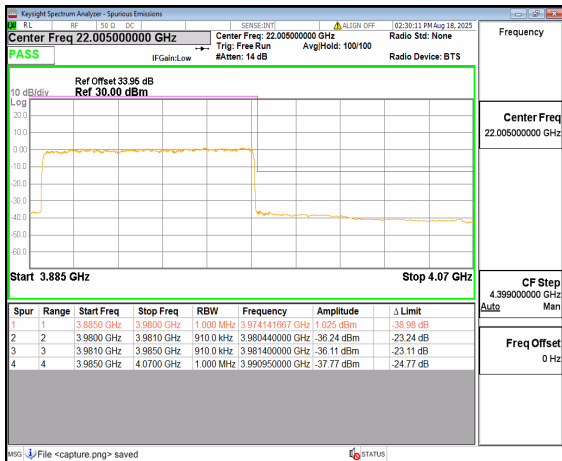
n77(3700-3980MHz) 80M DFT-s-OFDM QPSK
Edge_1RB_Right High



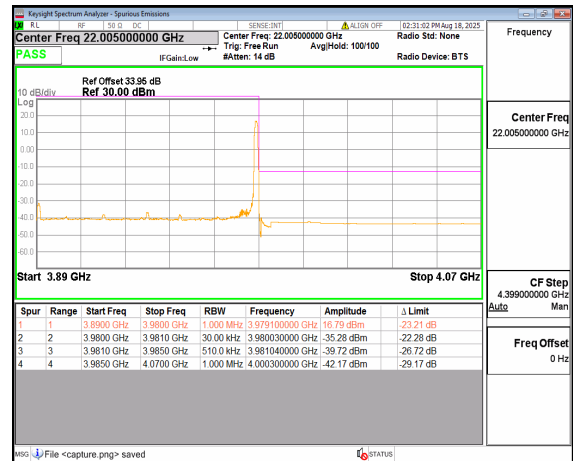
n77(3700-3980MHz) 90M DFT-s-OFDM QPSK
Outer_Full Low



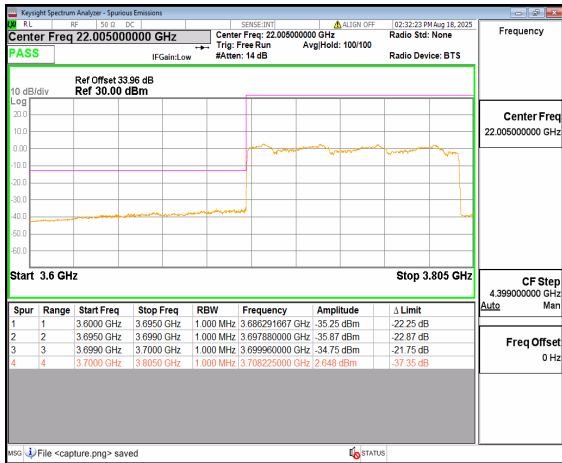
n77(3700-3980MHz) 90M DFT-s-OFDM QPSK
Edge_1RB_Left Low



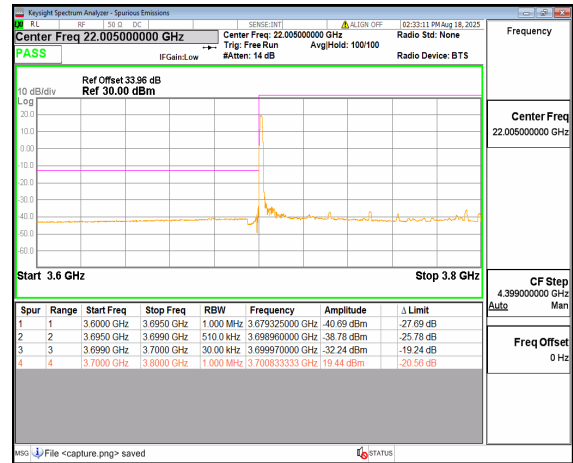
n77(3700-3980MHz) 90M DFT-s-OFDM QPSK
Outer_Full High



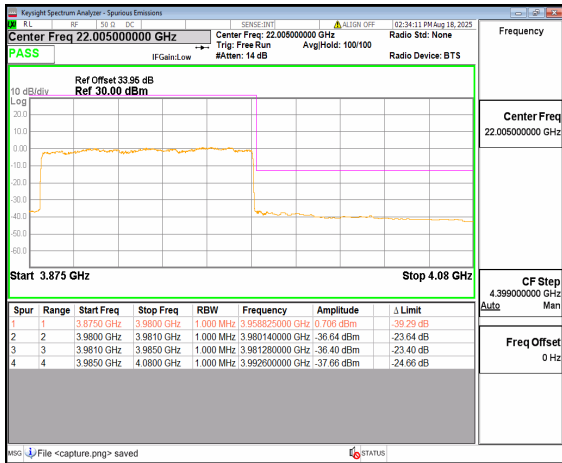
n77(3700-3980MHz) 90M DFT-s-OFDM QPSK
Edge_1RB_Right High



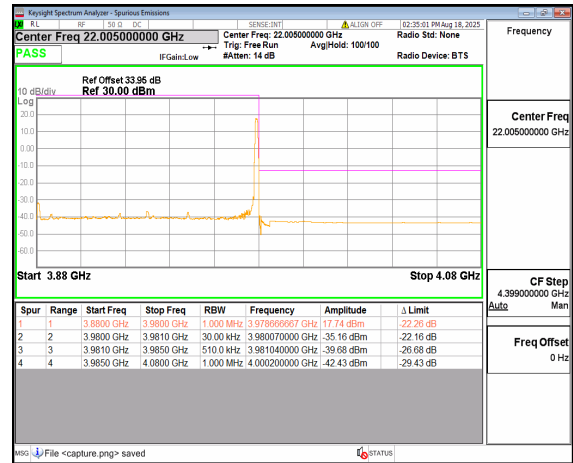
n77(3700-3980MHz) 100M DFT-s-OFDM
QPSK Outer_Full Low



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, 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 nn41, 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.

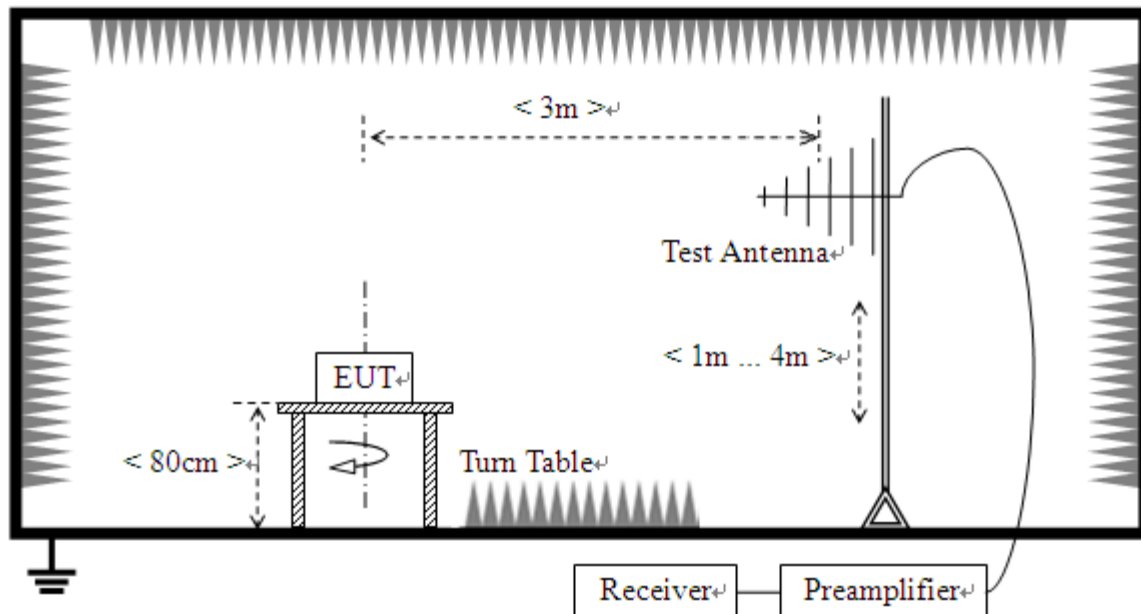
According to FCC section 27.53(g) for n71, for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at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

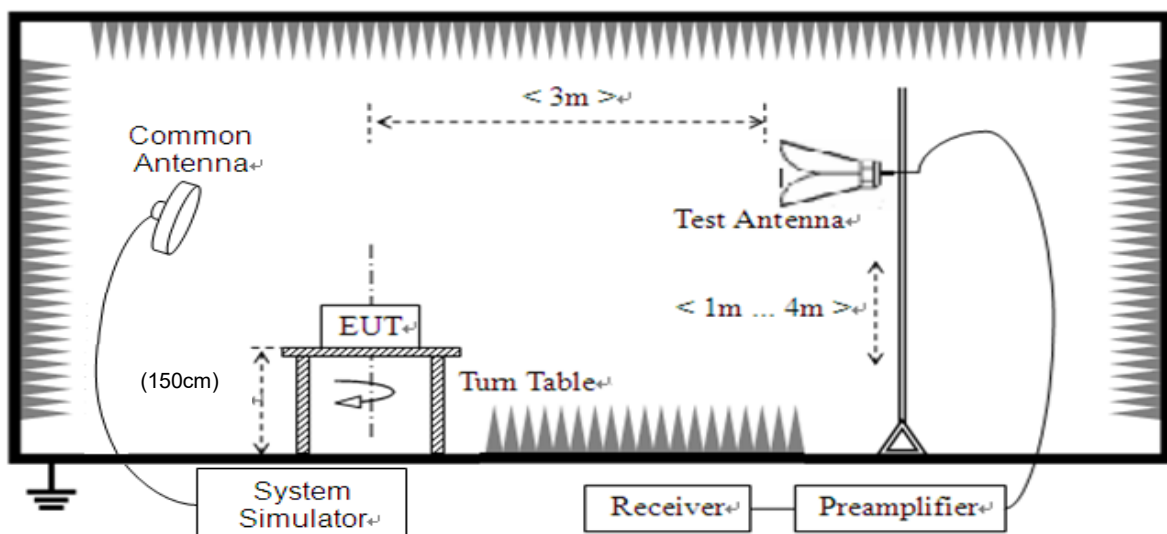
According to FCC section 27.53(l)(2) for n77, for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

According to FCC section 27.53(n)(2) for n77, 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 $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $> 2 \times$ 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_{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.

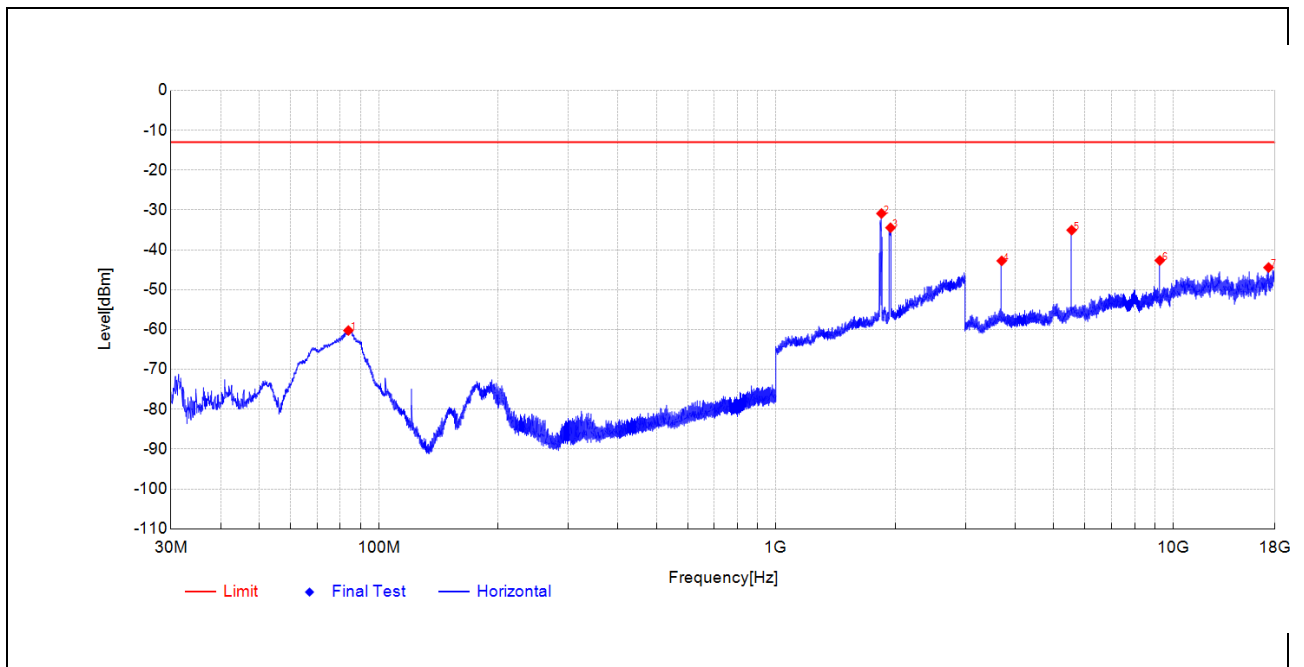
Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

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.

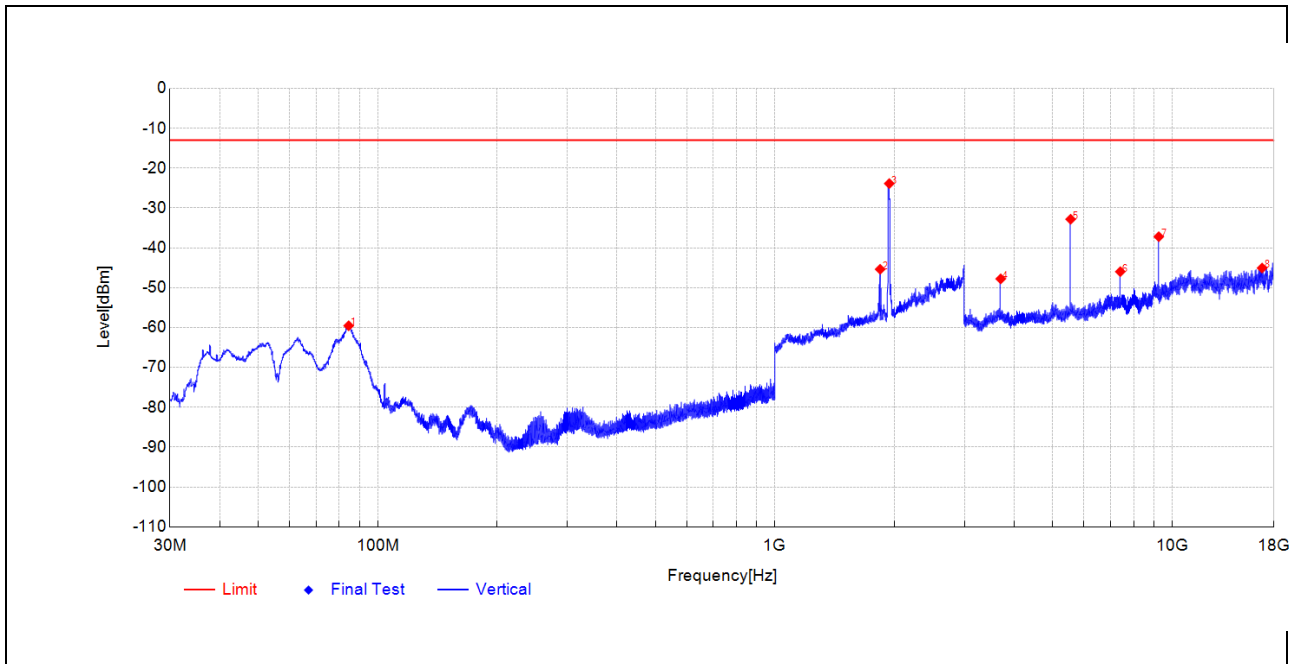


5G SA_n2

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
83.8862	-36.55	-60.24	-23.7	-13.0	47.2	Horizontal	PK	PASS
1843.7688	-35.14	-30.89	4.3	-	-	Horizontal	PK	NA
1942.9886	-38.65	-34.46	4.2	-	-	Horizontal	PK	NA
3701.6717	-44.53	-42.76	1.8	-13.0	29.8	Horizontal	PK	PASS
5552.0789	-41.73	-35.07	6.7	-13.0	22.1	Horizontal	PK	PASS
9253.0901	-58.32	-42.67	15.7	-13.0	29.7	Horizontal	PK	PASS
17381.735	-69.11	-44.44	24.7	-13.0	31.4	Horizontal	PK	PASS

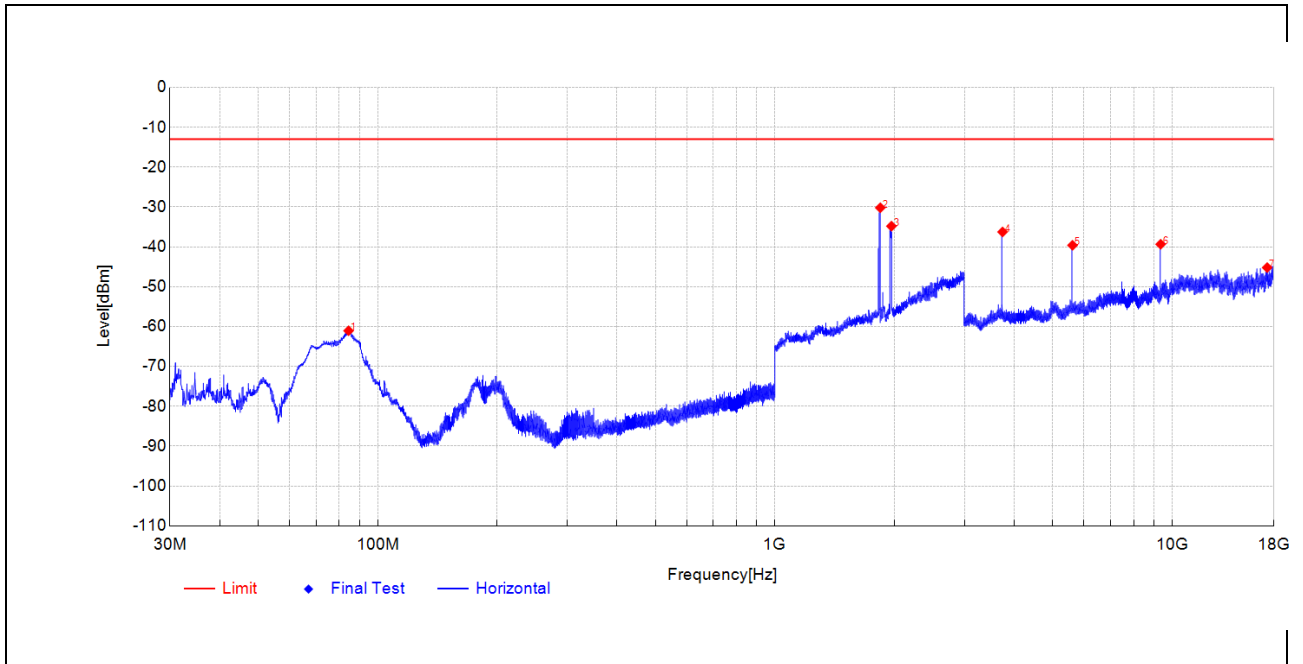


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.5167	-36.72	-59.55	-22.8	-13.0	46.6	Vertical	PK	PASS
1840.168	-49.95	-45.38	4.6	-	-	Vertical	PK	NA
1940.188	-27.81	-23.88	3.9	-	-	Vertical	PK	NA
3701.6717	-49.54	-47.78	1.8	-13.0	34.8	Vertical	PK	PASS
5551.6502	-39.18	-32.82	6.4	-13.0	19.8	Vertical	PK	PASS
7403.0961	-57.48	-45.98	11.5	-13.0	33.0	Vertical	PK	PASS
9253.5701	-53.62	-37.21	16.4	-13.0	24.2	Vertical	PK	PASS
16838.833	-71.08	-45.07	26.0	-13.0	32.1	Vertical	PK	PASS

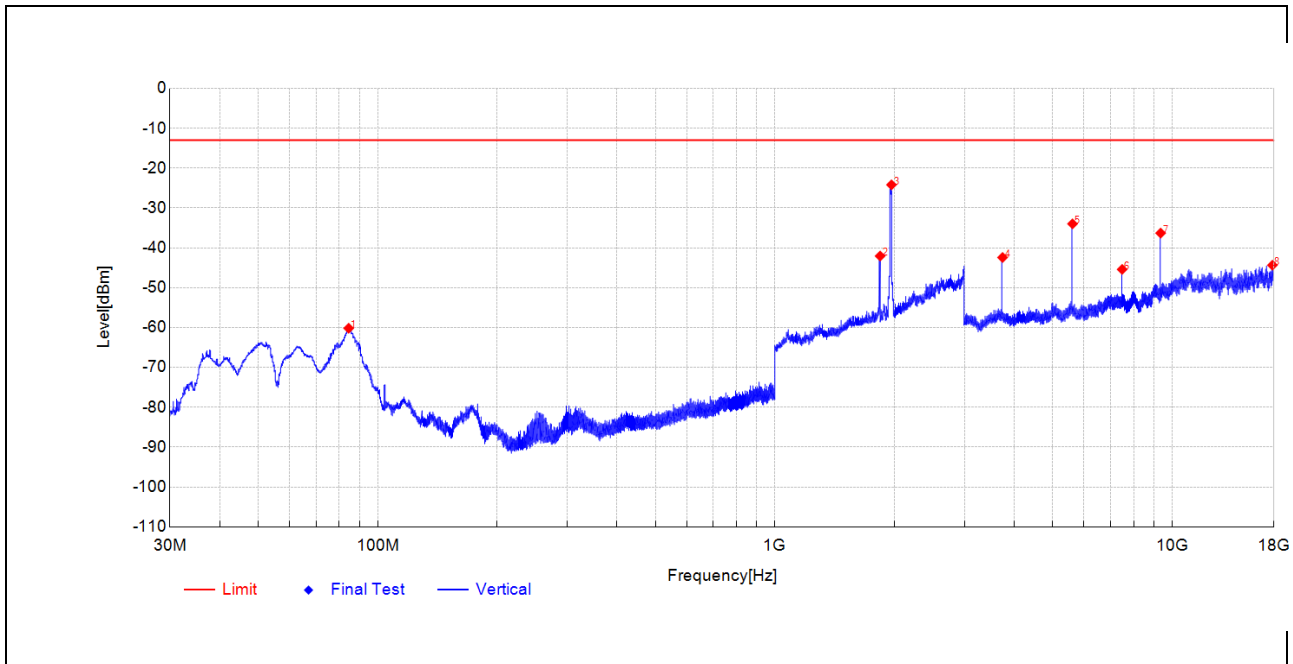


5G SA_n2

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.4682	-37.39	-61.05	-23.7	-13.0	48.1	Horizontal	PK	PASS
1841.7684	-34.43	-30.19	4.2	-	-	Horizontal	PK	NA
1964.5929	-39.34	-34.81	4.5	-	-	Horizontal	PK	NA
3741.1059	-37.63	-36.26	1.4	-13.0	23.3	Horizontal	PK	PASS
5612.5161	-46.54	-39.62	6.9	-13.0	26.6	Horizontal	PK	PASS
9353.4141	-55.13	-39.35	15.8	-13.0	26.4	Horizontal	PK	PASS
17343.333	-69.57	-45.21	24.4	-13.0	32.2	Horizontal	PK	PASS

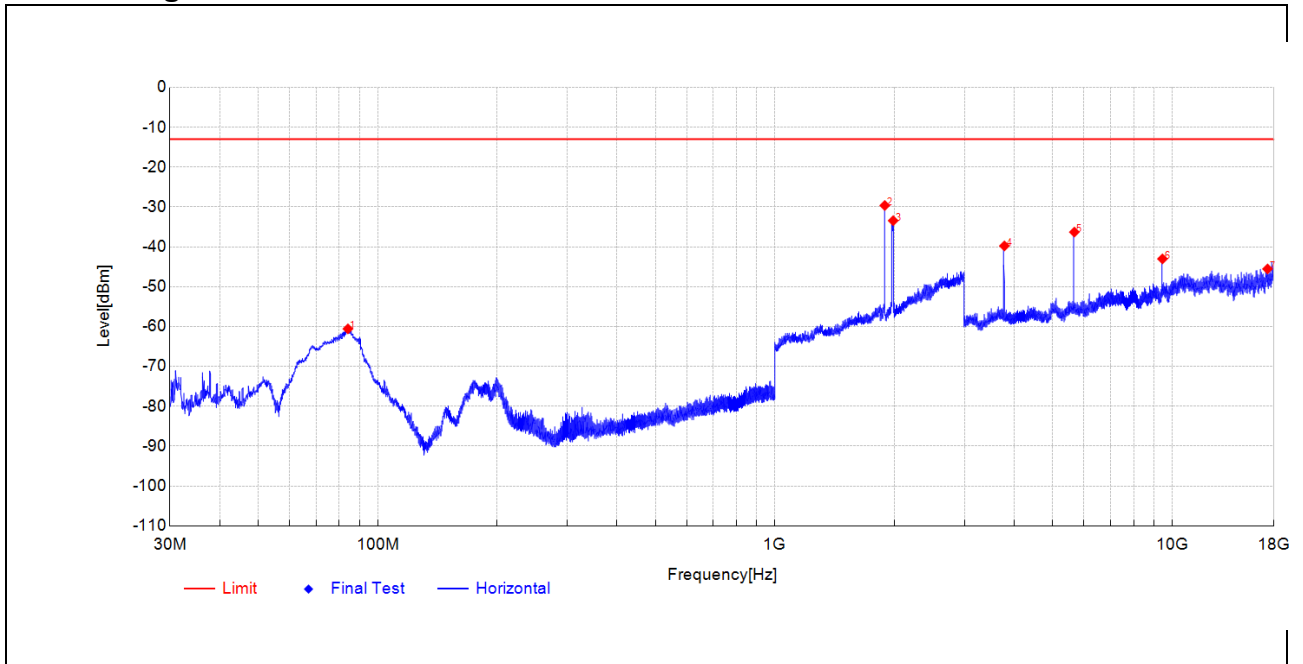


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.5167	-37.34	-60.17	-22.8	-13.0	47.2	Vertical	PK	PASS
1840.168	-46.63	-42.06	4.6	-	-	Vertical	PK	NA
1964.993	-28.55	-24.19	4.4	-	-	Vertical	PK	NA
3741.5345	-43.71	-42.42	1.3	-13.0	29.4	Vertical	PK	PASS
5612.0874	-40.75	-33.98	6.8	-13.0	21.0	Vertical	PK	PASS
7482.7793	-57.29	-45.41	11.9	-13.0	32.4	Vertical	PK	PASS
9353.4141	-52.54	-36.31	16.2	-13.0	23.3	Vertical	PK	PASS
17879.515	-68.80	-44.35	24.5	-13.0	31.4	Vertical	PK	PASS

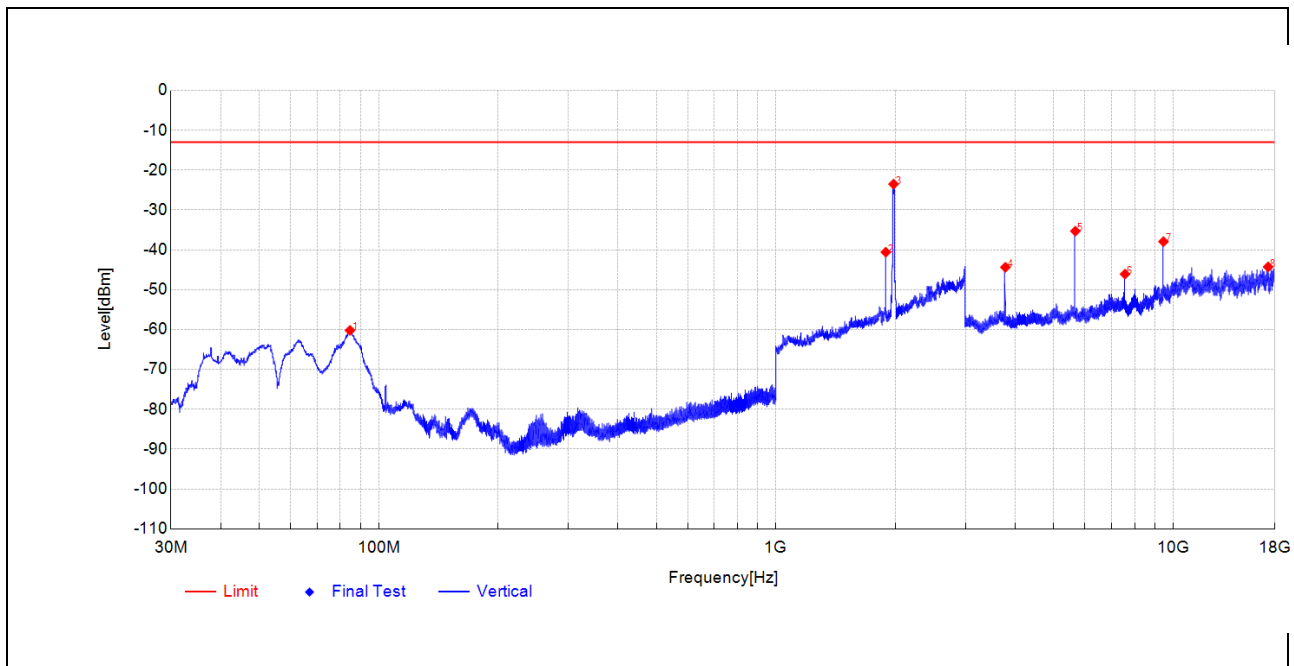


5G SA_n2

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.1287	-36.91	-60.58	-23.7	-13.0	47.6	Horizontal	PK	PASS
1890.5781	-34.50	-29.63	4.9	-	-	Horizontal	PK	NA
1984.5969	-37.93	-33.44	4.5	-	-	Horizontal	PK	NA
3781.3973	-40.74	-39.77	1.0	-13.0	26.8	Horizontal	PK	PASS
5672.096	-43.59	-36.30	7.3	-13.0	23.3	Horizontal	PK	PASS
9453.7381	-59.50	-43.03	16.5	-13.0	30.0	Horizontal	PK	PASS
17381.255	-70.20	-45.54	24.7	-13.0	32.5	Horizontal	PK	PASS

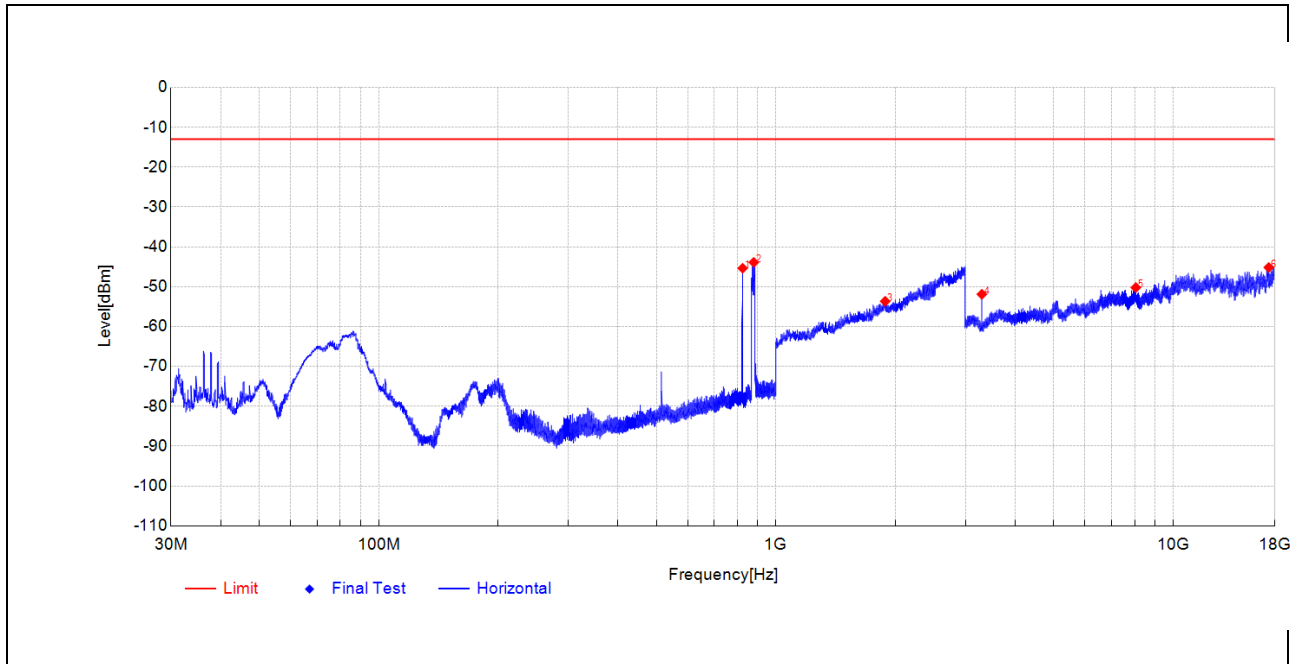


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.6622	-37.38	-60.20	-22.8	-13.0	47.2	Vertical	PK	PASS
1890.5781	-45.69	-40.59	5.1	-	-	Vertical	PK	NA
1977.3955	-28.27	-23.51	4.8	-	-	Vertical	PK	NA
3781.3973	-45.22	-44.38	0.8	-13.0	31.4	Vertical	PK	PASS
5672.5246	-41.93	-35.31	6.6	-13.0	22.3	Vertical	PK	PASS
7562.9425	-57.51	-46.09	11.4	-13.0	33.1	Vertical	PK	PASS
9453.2581	-54.72	-37.94	16.8	-13.0	24.9	Vertical	PK	PASS
17338.053	-68.96	-44.28	24.7	-13.0	31.3	Vertical	PK	PASS

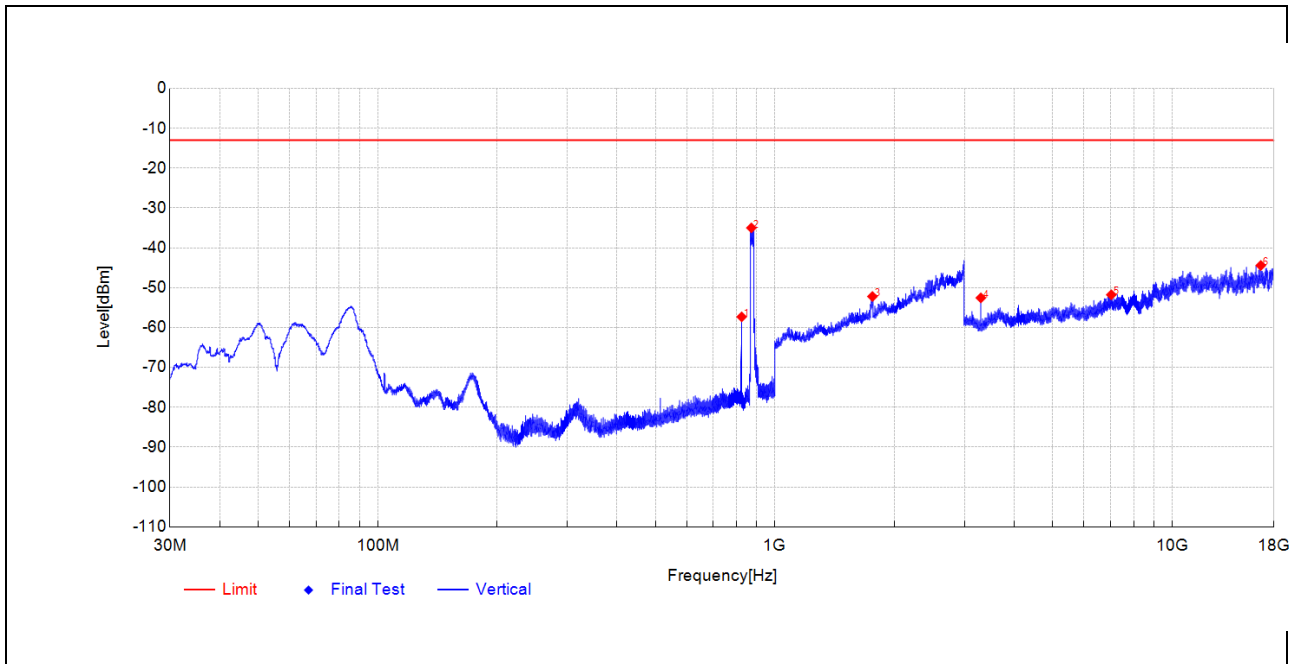


5G SA_n5

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6637	-39.58	-45.37	-5.8	-	-	Horizontal	PK	NA
879.423	-39.13	-43.89	-4.8	-	-	Horizontal	PK	NA
1884.1768	-59.57	-53.66	5.9	-13.0	40.7	Horizontal	PK	PASS
3298.757	-50.60	-51.90	-1.3	-13.0	38.9	Horizontal	PK	PASS
8053.5221	-63.68	-50.22	13.5	-13.0	37.2	Horizontal	PK	PASS
17402.376	-69.99	-45.18	24.8	-13.0	32.2	Horizontal	PK	PASS

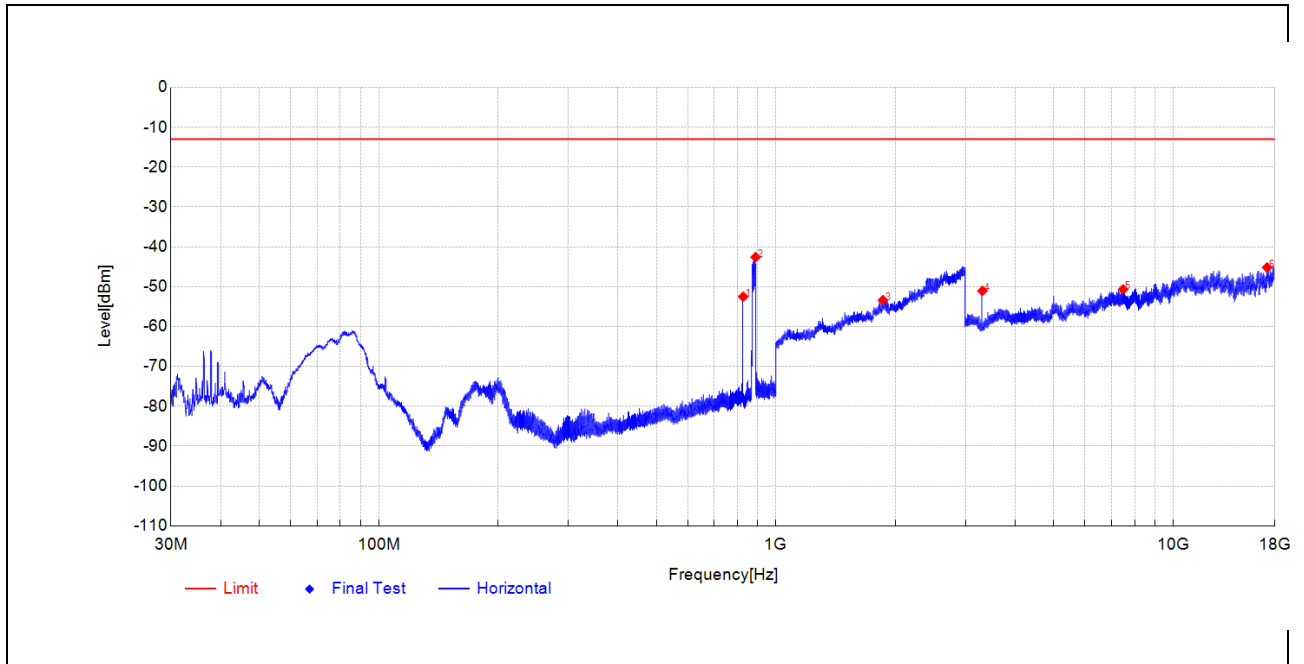


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
824.6637	-51.42	-57.32	-5.9	-	-	Vertical	PK	NA
872.3416	-30.24	-34.99	-4.8	-	-	Vertical	PK	NA
1759.752	-55.56	-52.21	3.4	-13.0	39.2	Vertical	PK	PASS
3298.757	-51.36	-52.55	-1.2	-13.0	39.6	Vertical	PK	PASS
7029.1612	-62.79	-51.78	11.0	-13.0	38.8	Vertical	PK	PASS
16714.508	-69.92	-44.43	25.5	-13.0	31.4	Vertical	PK	PASS

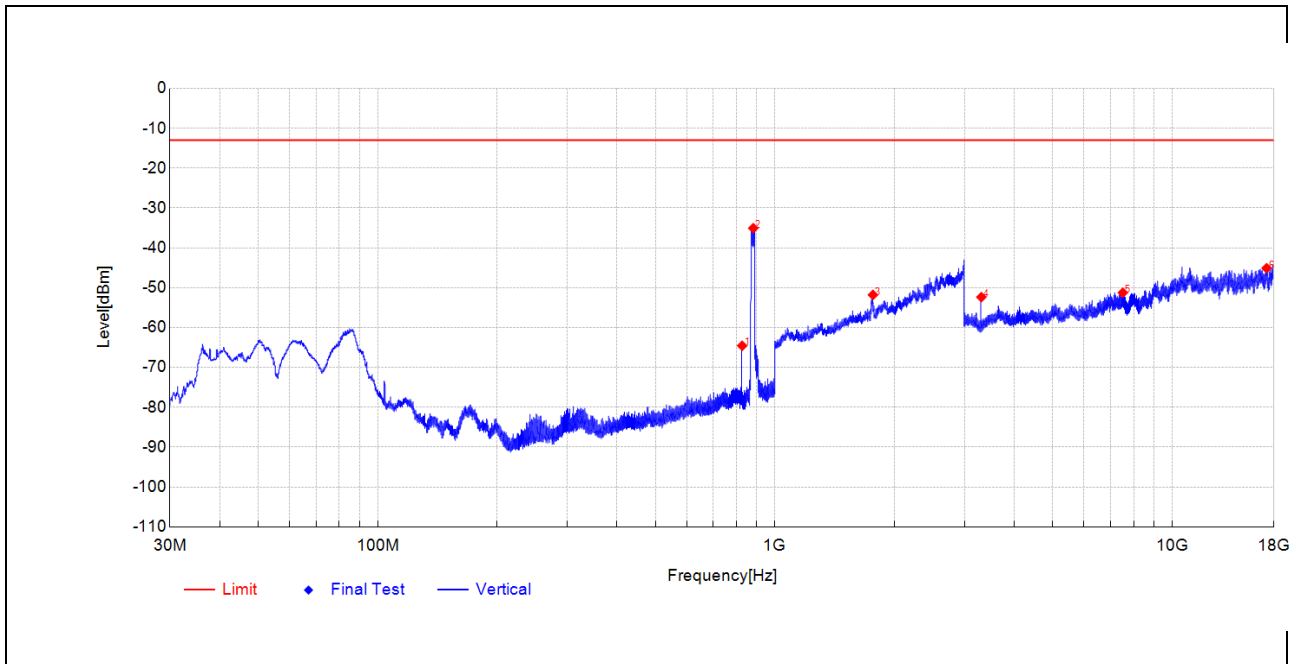


5G SA_n5

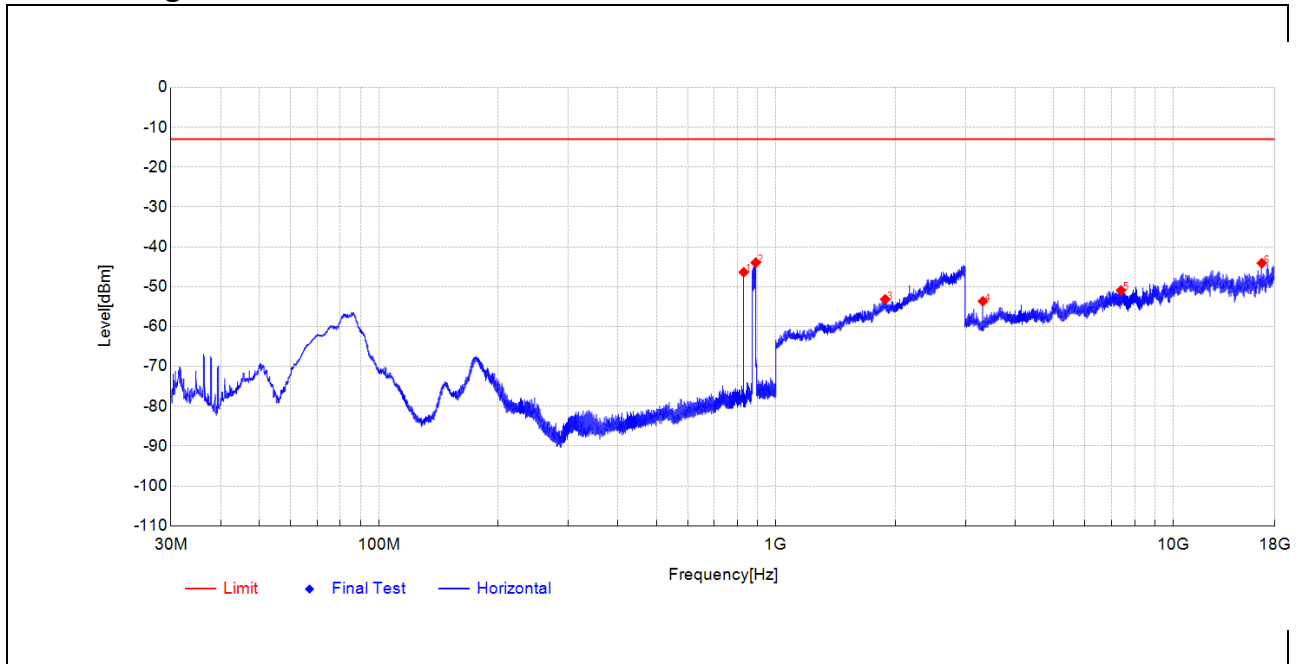
Plot for Mid Channel



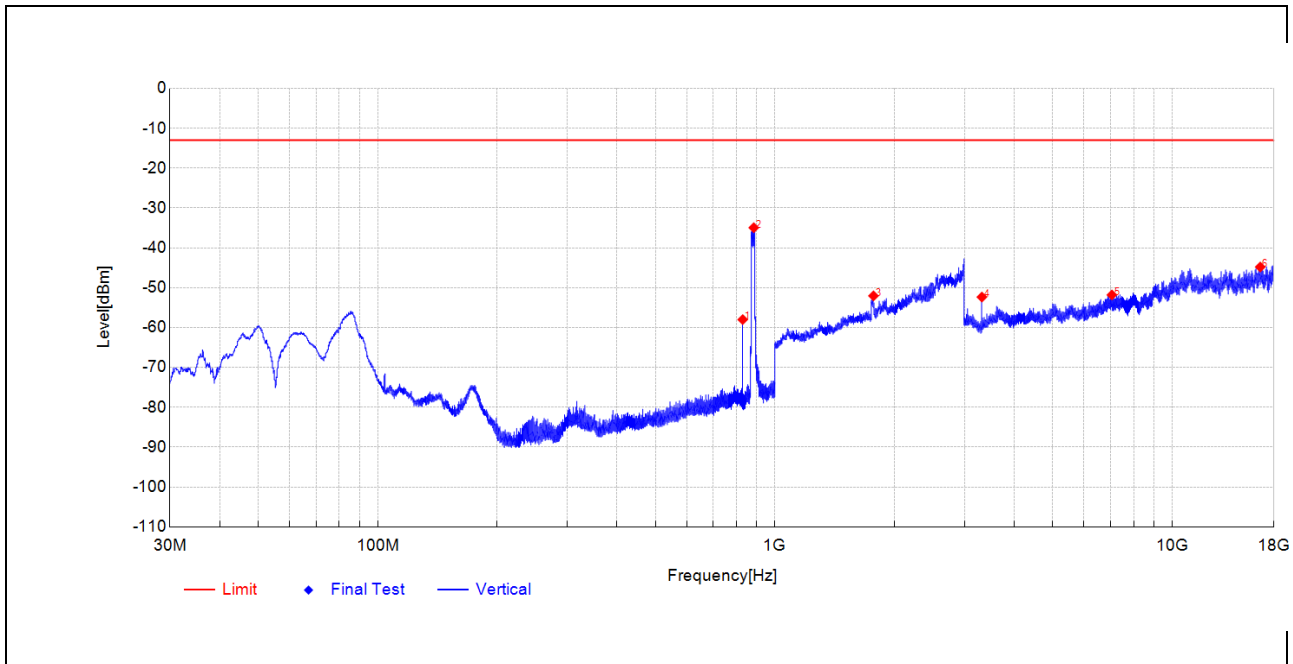
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
827.2829	-46.75	-52.51	-5.8	-	-	Horizontal	PK	NA
888.7354	-37.90	-42.60	-4.7	-	-	Horizontal	PK	NA
1859.3719	-58.58	-53.37	5.2	-13.0	40.4	Horizontal	PK	PASS
3309.0441	-49.87	-51.05	-1.2	-13.0	38.1	Horizontal	PK	PASS
7480.3792	-63.01	-50.68	12.3	-13.0	37.7	Horizontal	PK	PASS
17235.329	-68.55	-45.19	23.4	-13.0	32.2	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
827.1859	-58.63	-64.57	-5.9	-	-	Vertical	PK	NA
881.8481	-30.60	-35.07	-4.5	-	-	Vertical	PK	NA
1764.953	-55.16	-51.81	3.4	-13.0	38.8	Vertical	PK	PASS
3308.6155	-51.30	-52.36	-1.1	-13.0	39.4	Vertical	PK	PASS
7512.5405	-63.10	-51.25	11.9	-13.0	38.3	Vertical	PK	PASS
17283.811	-69.62	-45.11	24.5	-13.0	32.1	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	-40.65	-46.36	-5.7	-	-	Horizontal	PK	NA
889.463	-39.27	-43.97	-4.7	-	-	Horizontal	PK	NA
1884.1768	-59.06	-53.15	5.9	-13.0	40.2	Horizontal	PK	PASS
3318.9027	-52.63	-53.66	-1.0	-13.0	40.7	Horizontal	PK	PASS
7388.2155	-63.25	-50.94	12.3	-13.0	37.9	Horizontal	PK	PASS
16716.908	-69.02	-44.10	24.9	-13.0	31.1	Horizontal	PK	PASS

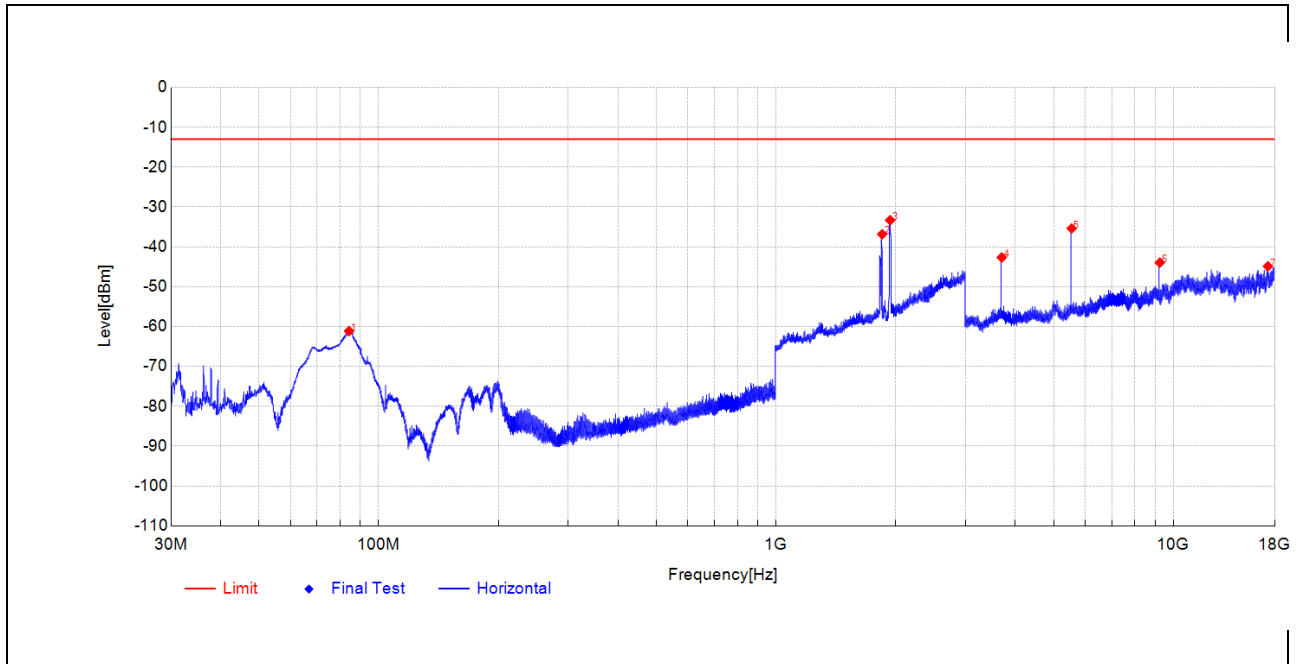


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
829.6595	-52.02	-58.00	-6.0	-	-	Vertical	PK	NA
884.3702	-30.49	-34.95	-4.5	-	-	Vertical	PK	NA
1770.5541	-55.41	-52.05	3.4	-13.0	39.1	Vertical	PK	PASS
3318.9027	-51.44	-52.35	-0.9	-13.0	39.4	Vertical	PK	PASS
7051.242	-62.76	-51.81	11.0	-13.0	38.8	Vertical	PK	PASS
16662.186	-70.45	-44.81	25.6	-13.0	31.8	Vertical	PK	PASS

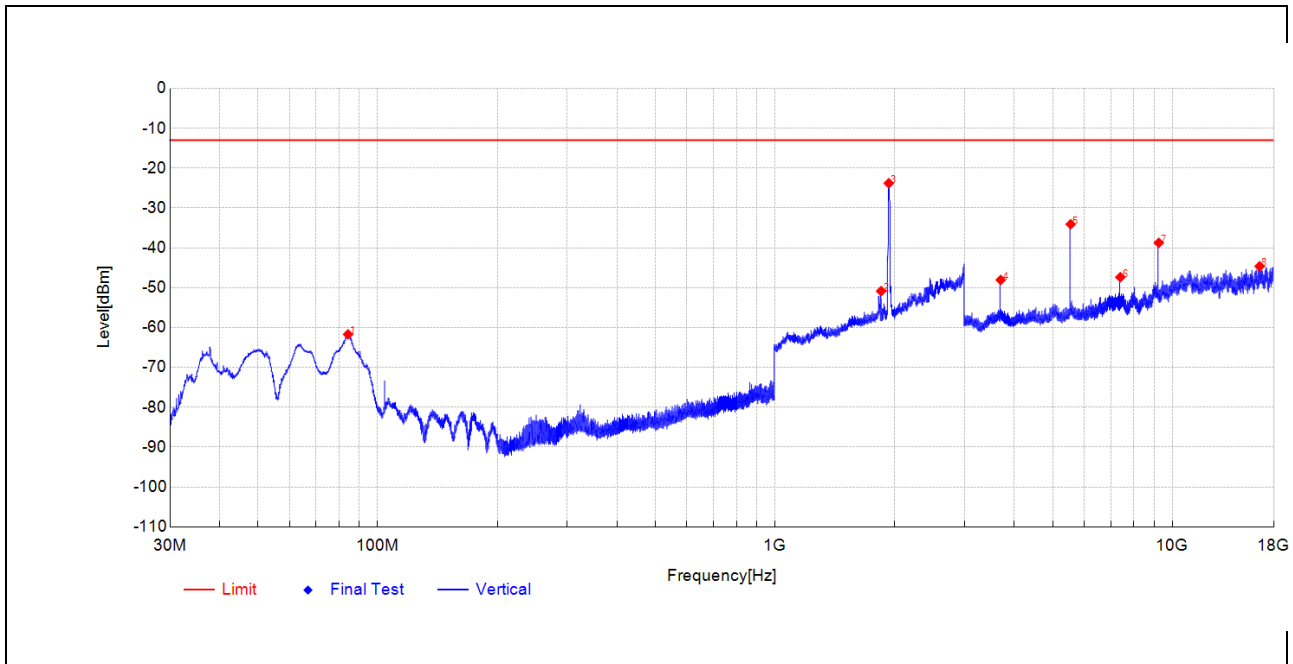


5G SA_n25

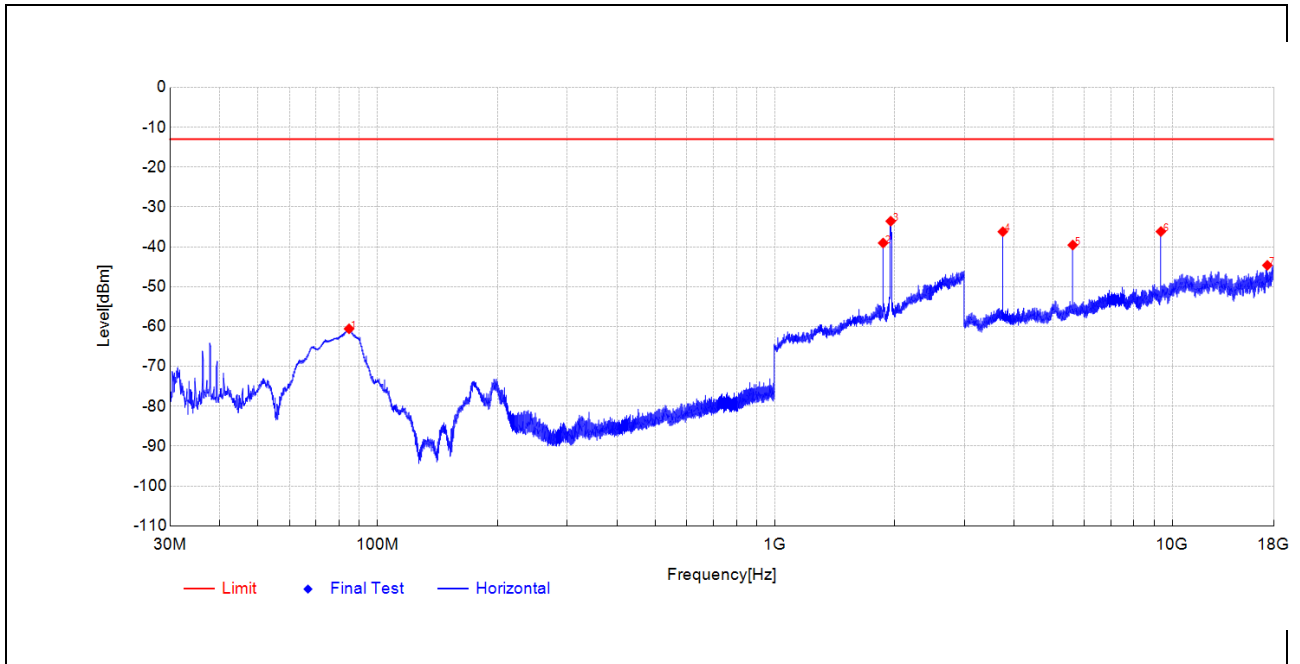
Plot for Low Channel



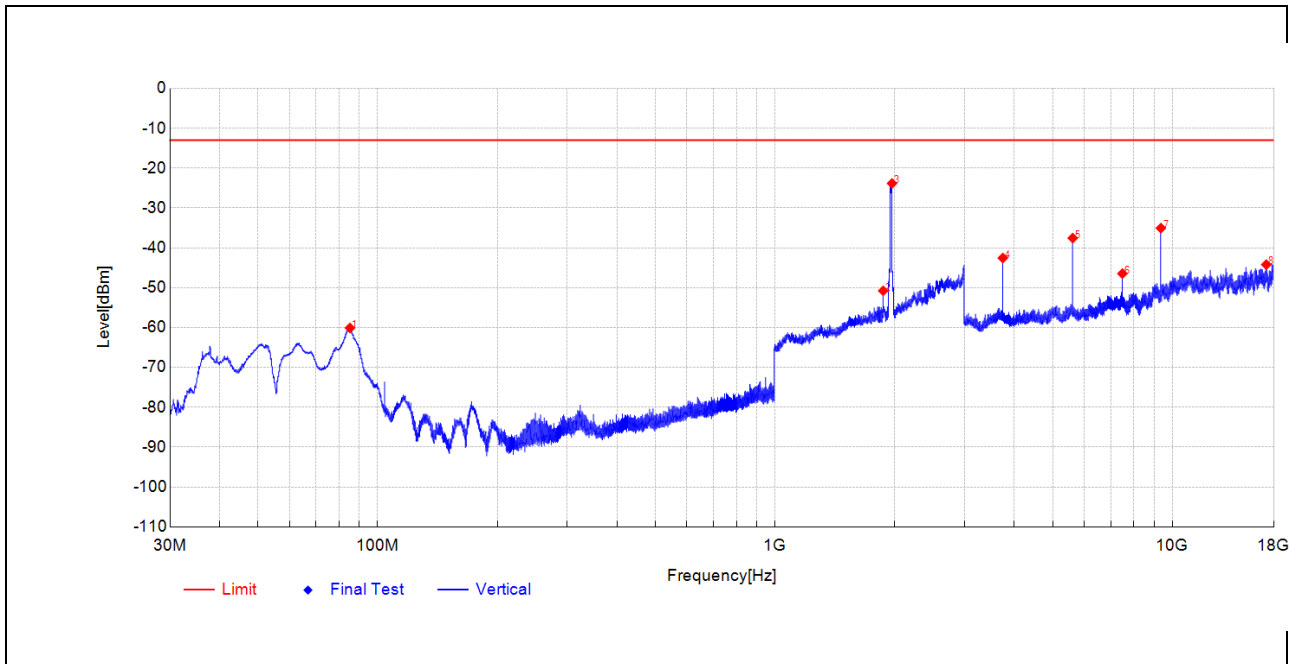
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.2257	-37.47	-61.14	-23.7	-13.0	48.1	Horizontal	PK	PASS
1850.9702	-41.14	-36.84	4.3	-	-	Horizontal	PK	NA
1938.1876	-37.42	-33.33	4.1	-	-	Horizontal	PK	NA
3701.6717	-44.44	-42.67	1.8	-13.0	29.7	Horizontal	PK	PASS
5552.0789	-42.04	-35.38	6.7	-13.0	22.4	Horizontal	PK	PASS
9253.5701	-59.61	-43.97	15.6	-13.0	31.0	Horizontal	PK	PASS
17316.932	-69.02	-44.88	24.1	-13.0	31.9	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.2257	-38.86	-61.71	-22.9	-13.0	48.7	Vertical	PK	PASS
1850.5701	-55.17	-50.86	4.3	-	-	Vertical	PK	NA
1934.5869	-27.68	-23.79	3.9	-	-	Vertical	PK	NA
3701.243	-49.81	-48.05	1.8	-13.0	35.1	Vertical	PK	PASS
5552.0789	-40.45	-34.09	6.4	-13.0	21.1	Vertical	PK	PASS
7403.0961	-58.87	-47.37	11.5	-13.0	34.4	Vertical	PK	PASS
9254.0502	-55.14	-38.74	16.4	-13.0	25.7	Vertical	PK	PASS
16598.824	-70.57	-44.63	25.9	-13.0	31.6	Vertical	PK	PASS

**5G SA_n25****Plot for Mid Channel**

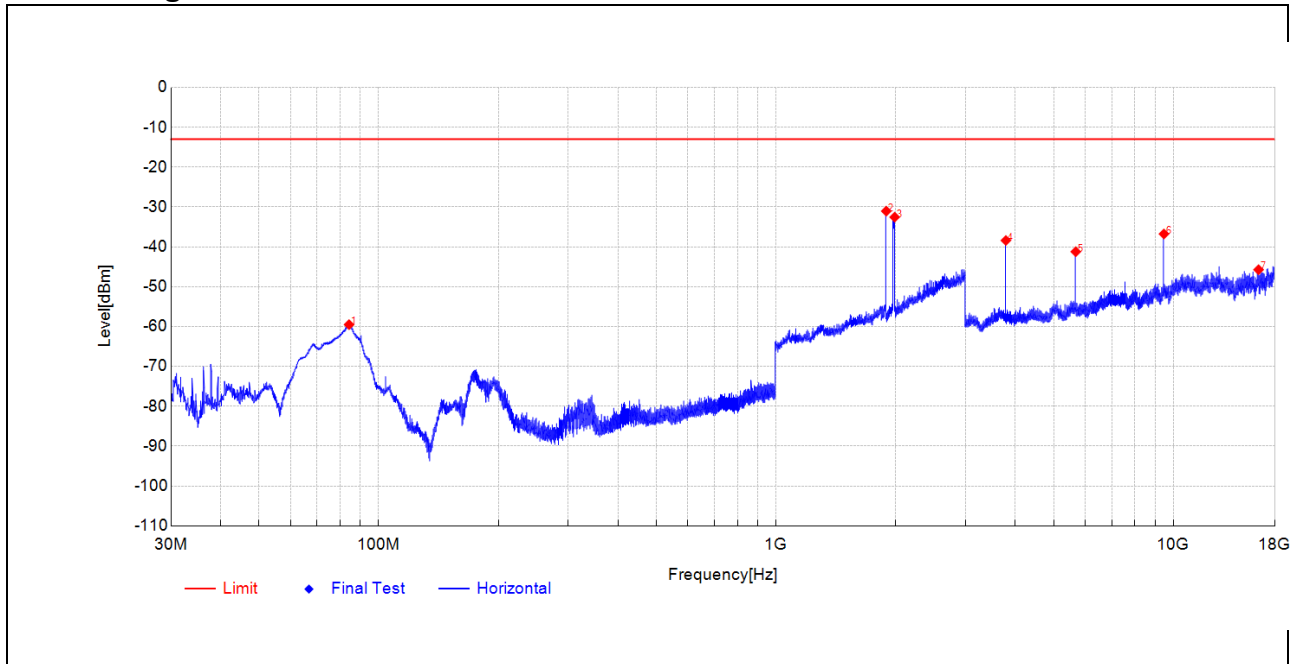
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.7107	-36.92	-60.57	-23.7	-13.0	47.6	Horizontal	PK	NA
1872.9746	-44.06	-39.04	5.0	-	-	Horizontal	PK	NA
1956.9914	-38.05	-33.57	4.5	-	-	Horizontal	PK	NA
3746.6781	-37.52	-36.21	1.3	-13.0	23.2	Horizontal	PK	PASS
5619.8028	-46.52	-39.55	7.0	-13.0	26.6	Horizontal	PK	PASS
9366.3747	-52.09	-36.16	15.9	-13.0	23.2	Horizontal	PK	PASS
17359.654	-69.13	-44.64	24.5	-13.0	31.6	Horizontal	PK	PASS



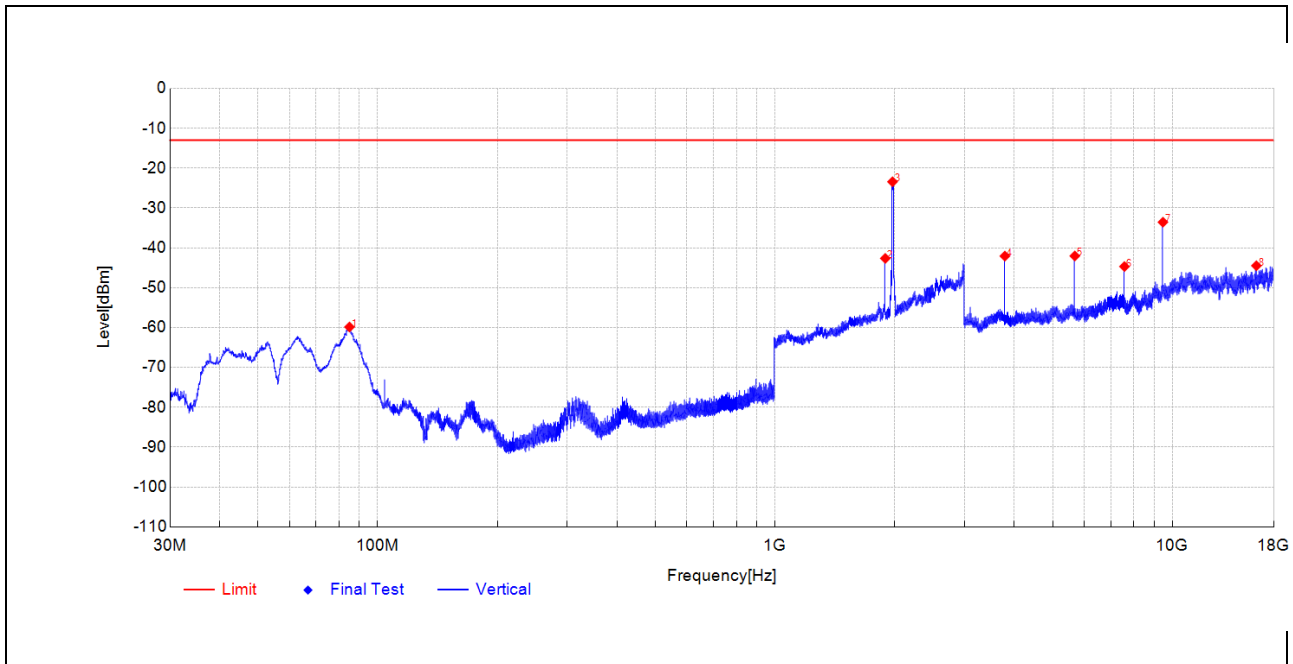
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
85.1473	-37.33	-60.10	-22.8	-13.0	47.1	Vertical	PK	PASS
1872.9746	-55.63	-50.77	4.9	-	-	Vertical	PK	NA
1971.3943	-28.40	-23.84	4.6	-	-	Vertical	PK	NA
3746.2495	-43.80	-42.56	1.2	-13.0	29.6	Vertical	PK	PASS
5619.8028	-44.31	-37.56	6.8	-13.0	24.6	Vertical	PK	PASS
7493.3397	-58.40	-46.47	11.9	-13.0	33.5	Vertical	PK	PASS
9365.8946	-51.36	-35.05	16.3	-13.0	22.1	Vertical	PK	PASS
17255.970	-68.60	-44.21	24.4	-13.0	31.2	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
84.2257	-35.85	-59.52	-23.7	-13.0	46.5	Horizontal	PK	PASS
1895.7792	-35.71	-31.04	4.7	-	-	Horizontal	PK	NA
1990.198	-36.85	-32.55	4.3	-	-	Horizontal	PK	NA
3791.6845	-39.27	-38.41	0.9	-13.0	25.4	Horizontal	PK	PASS
5687.0982	-48.61	-41.22	7.4	-13.0	28.2	Horizontal	PK	PASS
9479.1792	-53.33	-36.77	16.6	-13.0	23.8	Horizontal	PK	PASS
16402.016	-71.44	-45.74	25.7	-13.0	32.7	Horizontal	PK	PASS

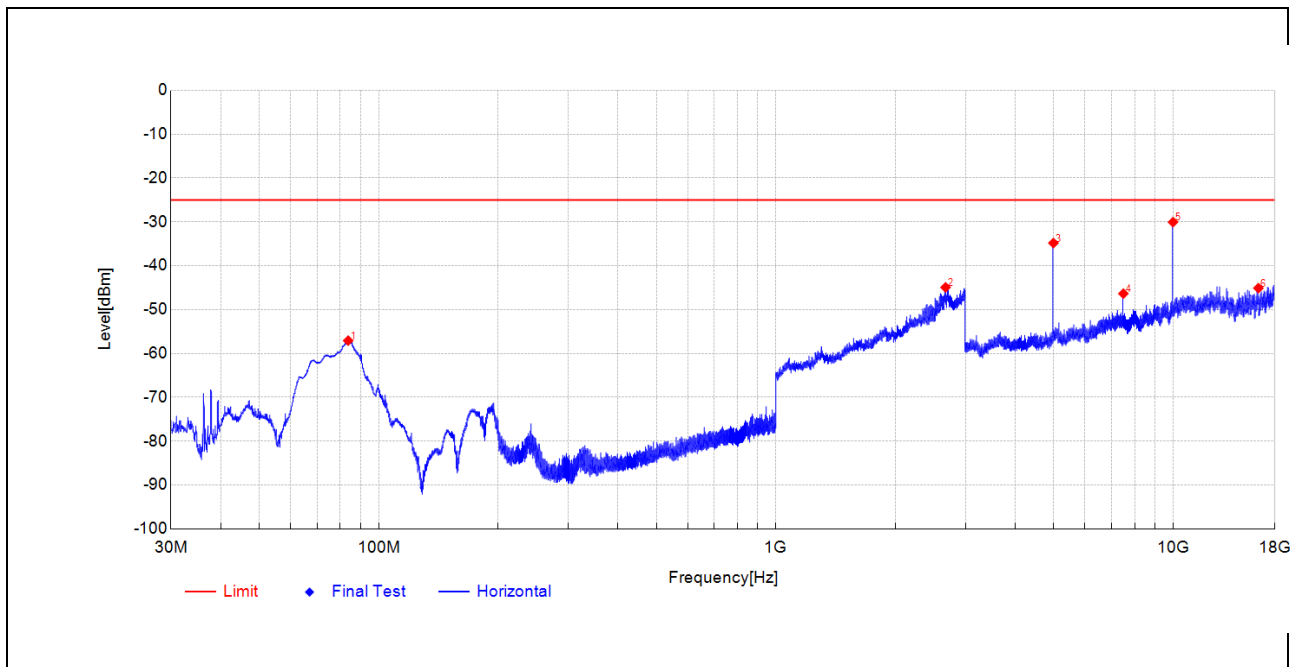


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.9047	-37.07	-59.86	-22.8	-13.0	46.9	Vertical	PK	PASS
1895.7792	-47.74	-42.65	5.1	-	-	Vertical	PK	NA
1977.3955	-28.19	-23.43	4.8	-	-	Vertical	PK	NA
3791.2559	-42.80	-42.07	0.7	-13.0	29.1	Vertical	PK	PASS
5687.0982	-48.63	-42.04	6.6	-13.0	29.0	Vertical	PK	PASS
7582.6233	-55.94	-44.69	11.3	-13.0	31.7	Vertical	PK	PASS
9478.6991	-50.48	-33.56	16.9	-13.0	20.6	Vertical	PK	PASS
16293.051	-70.68	-44.49	26.2	-13.0	31.5	Vertical	PK	PASS

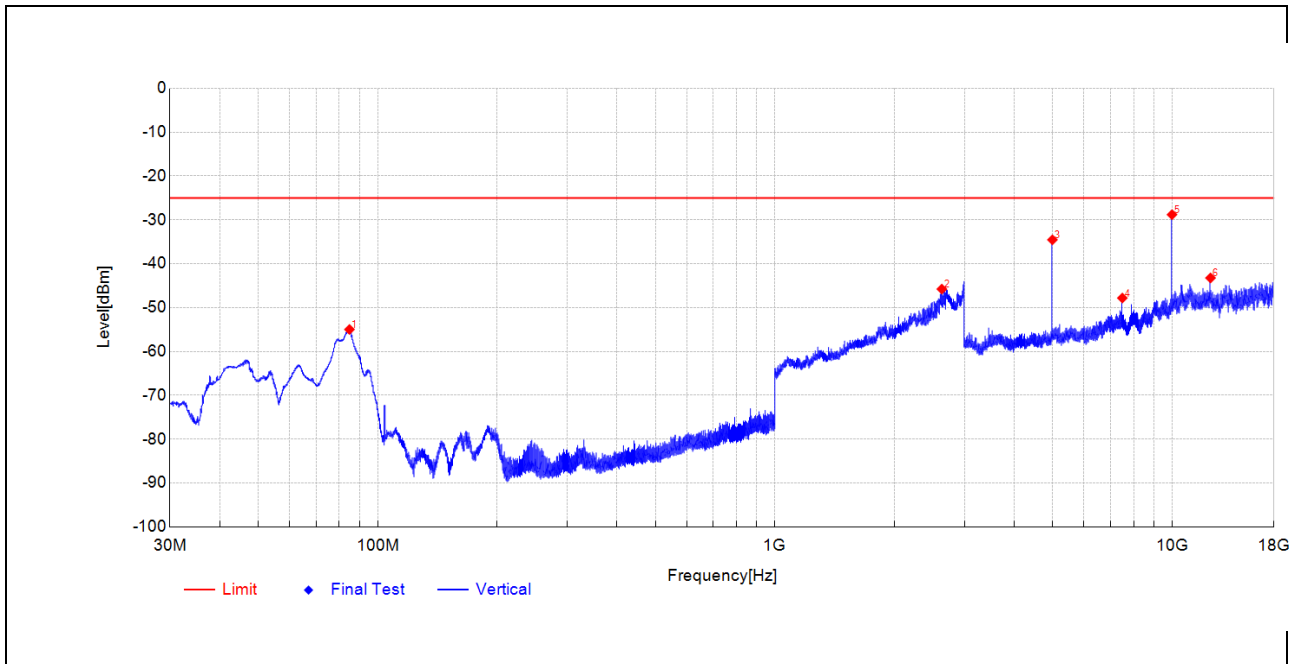


5G SA_n41

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
83.7892	-33.46	-57.07	-23.6	-25.0	32.1	Horizontal	PK	PASS
2672.7345	-58.51	-44.92	13.6	-25.0	19.9	Horizontal	PK	PASS
4994.4278	-40.79	-34.81	6.0	-25.0	9.8	Horizontal	PK	PASS
7492.3797	-58.68	-46.35	12.3	-25.0	21.4	Horizontal	PK	PASS
9989.9196	-47.33	-30.04	17.3	-25.0	5.0	Horizontal	PK	PASS
16390.495	-70.72	-45.10	25.6	-25.0	20.1	Horizontal	PK	PASS

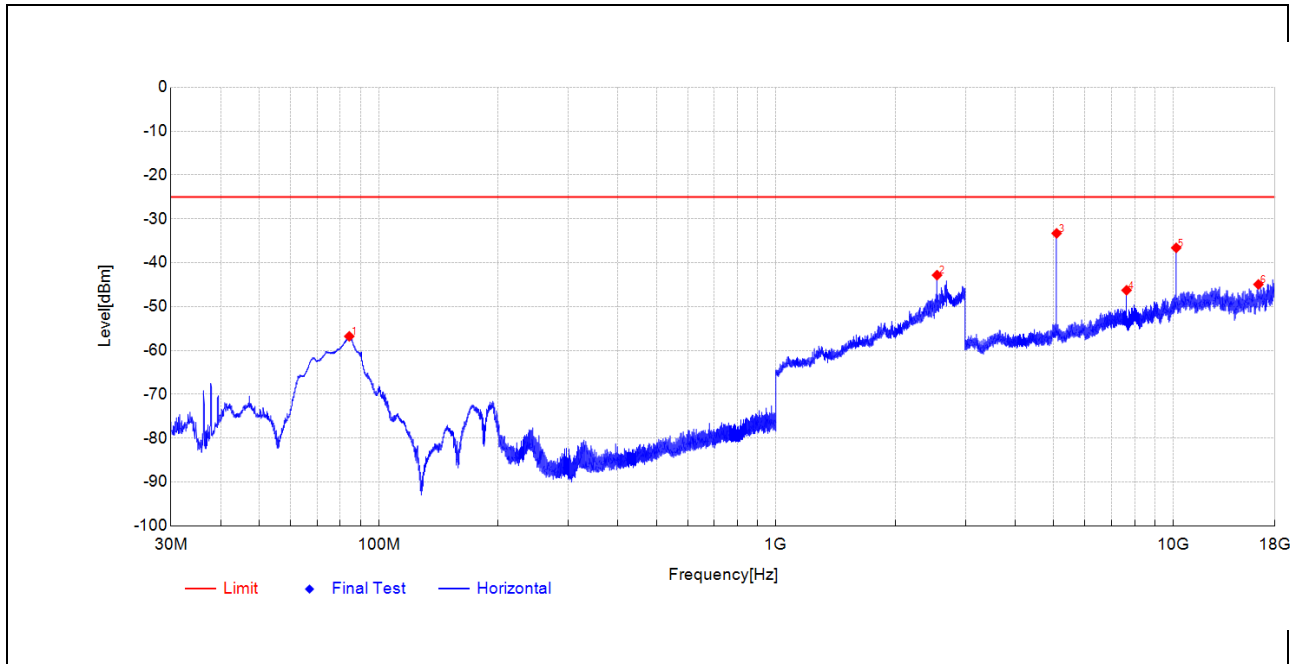


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.9047	-32.27	-54.98	-22.7	-25.0	30.0	Vertical	PK	PASS
2631.1262	-59.07	-45.77	13.3	-25.0	20.8	Vertical	PK	PASS
4994.8564	-39.98	-34.53	5.5	-25.0	9.5	Vertical	PK	PASS
7491.4197	-59.73	-47.81	11.9	-25.0	22.8	Vertical	PK	PASS
9989.9196	-46.60	-28.79	17.8	-25.0	3.8	Vertical	PK	PASS
12487.459	-66.53	-43.23	23.3	-25.0	18.2	Vertical	PK	PASS

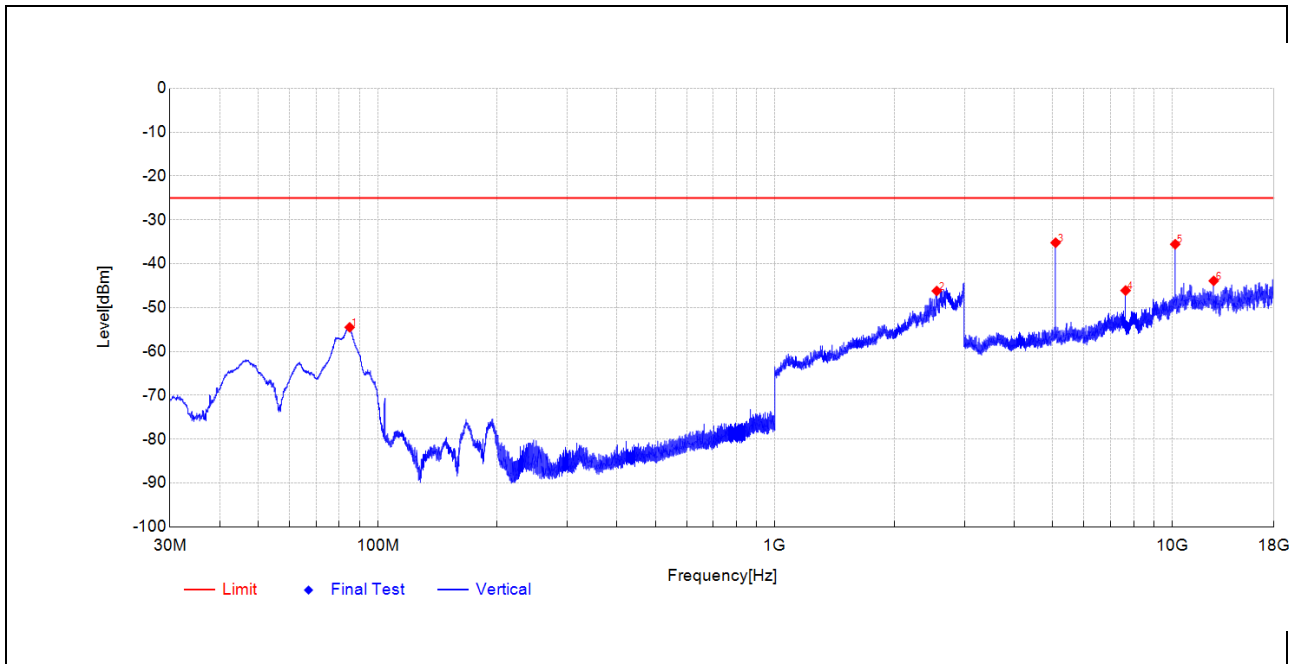


5G SA_n41

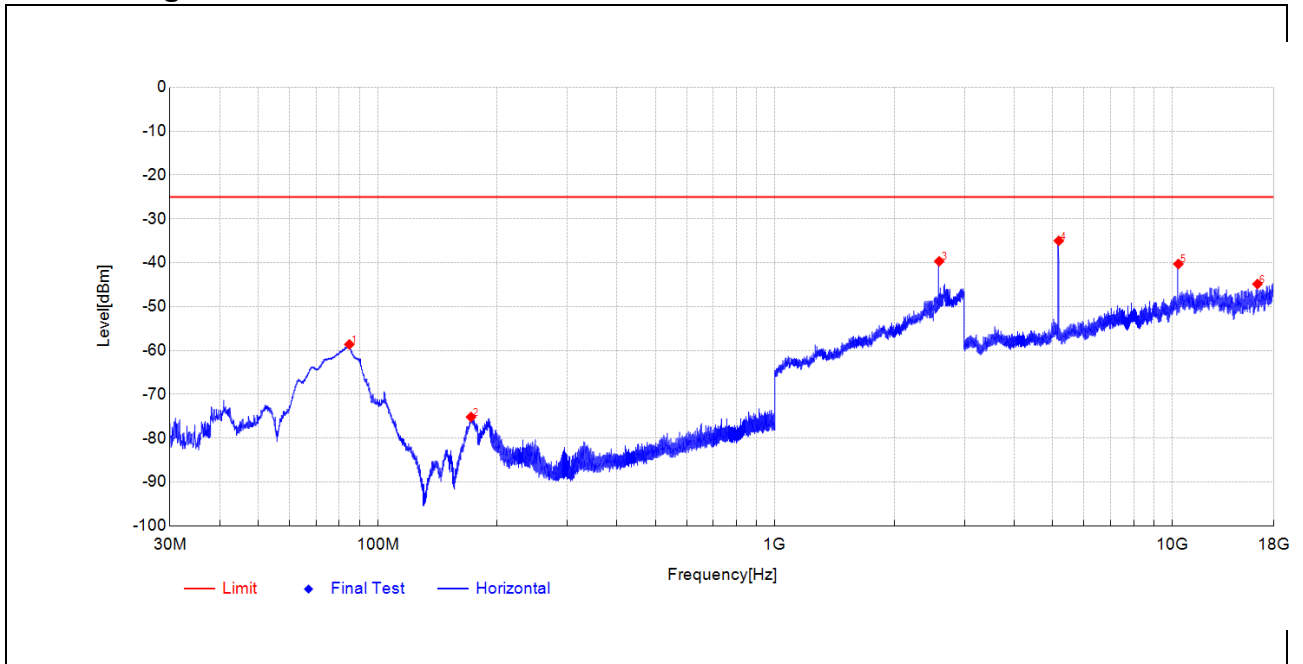
Plot for Mid Channel



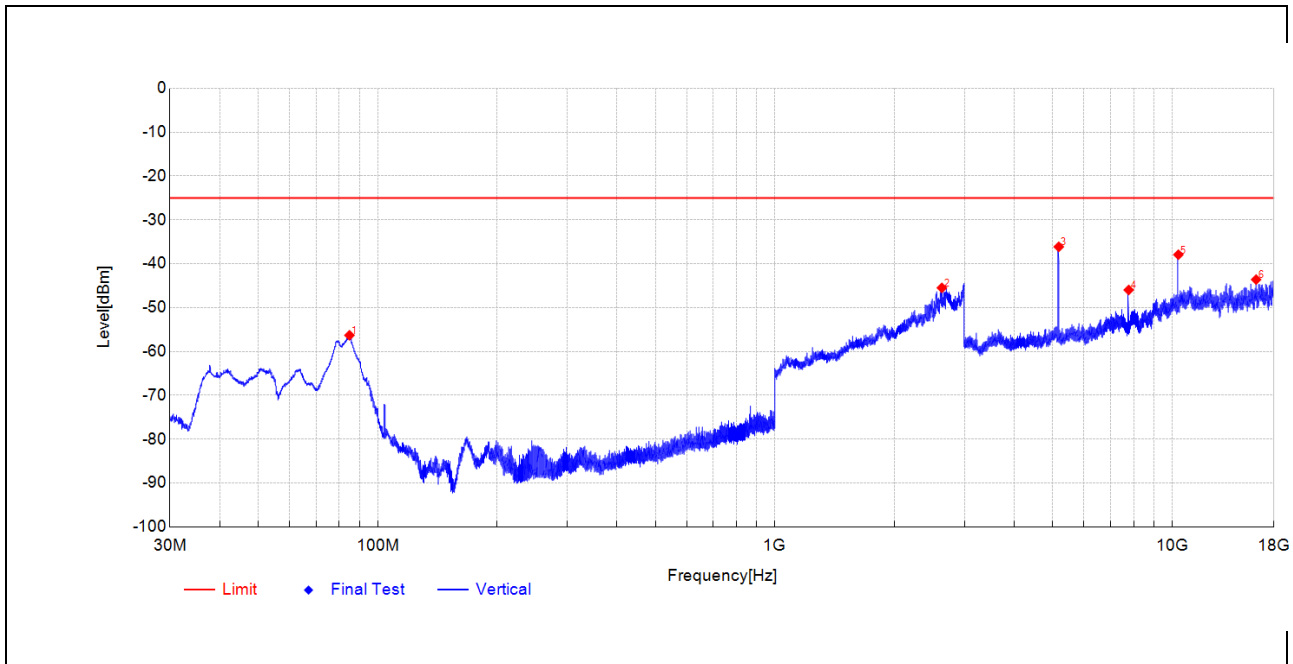
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.3227	-33.19	-56.78	-23.6	-25.0	31.8	Horizontal	PK	PASS
2544.3089	-54.12	-42.82	11.3	-	-	Horizontal	PK	NA
5088.727	-39.35	-33.29	6.1	-25.0	8.3	Horizontal	PK	PASS
7633.0253	-58.19	-46.27	11.9	-25.0	21.3	Horizontal	PK	PASS
10177.607	-55.52	-36.59	18.9	-25.0	11.6	Horizontal	PK	PASS
16390.975	-70.56	-44.93	25.6	-25.0	19.9	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
85.0018	-31.79	-54.49	-22.7	-25.0	29.5	Vertical	PK	PASS
2554.7109	-58.87	-46.20	12.7	-25.0	21.2	Vertical	PK	PASS
5088.727	-40.65	-35.19	5.5	-25.0	10.2	Vertical	PK	PASS
7633.5053	-57.36	-46.10	11.3	-25.0	21.1	Vertical	PK	PASS
10177.607	-54.98	-35.55	19.4	-25.0	10.6	Vertical	PK	PASS
12721.708	-65.89	-43.90	22.0	-25.0	18.9	Vertical	PK	PASS

**5G SA_n41****Plot for High Channel**

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.8562	-35.06	-58.62	-23.6	-25.0	33.6	Horizontal	PK	PASS
171.7726	-52.59	-75.17	-22.6	-25.0	50.2	Horizontal	PK	PASS
2591.1182	-51.92	-39.66	12.3	-	-	Horizontal	PK	NA
5182.5975	-40.28	-34.99	5.3	-25.0	10.0	Horizontal	PK	PASS
10365.774	-59.17	-40.28	18.9	-25.0	15.3	Horizontal	PK	PASS
16395.775	-70.55	-44.85	25.7	-25.0	19.9	Horizontal	PK	PASS

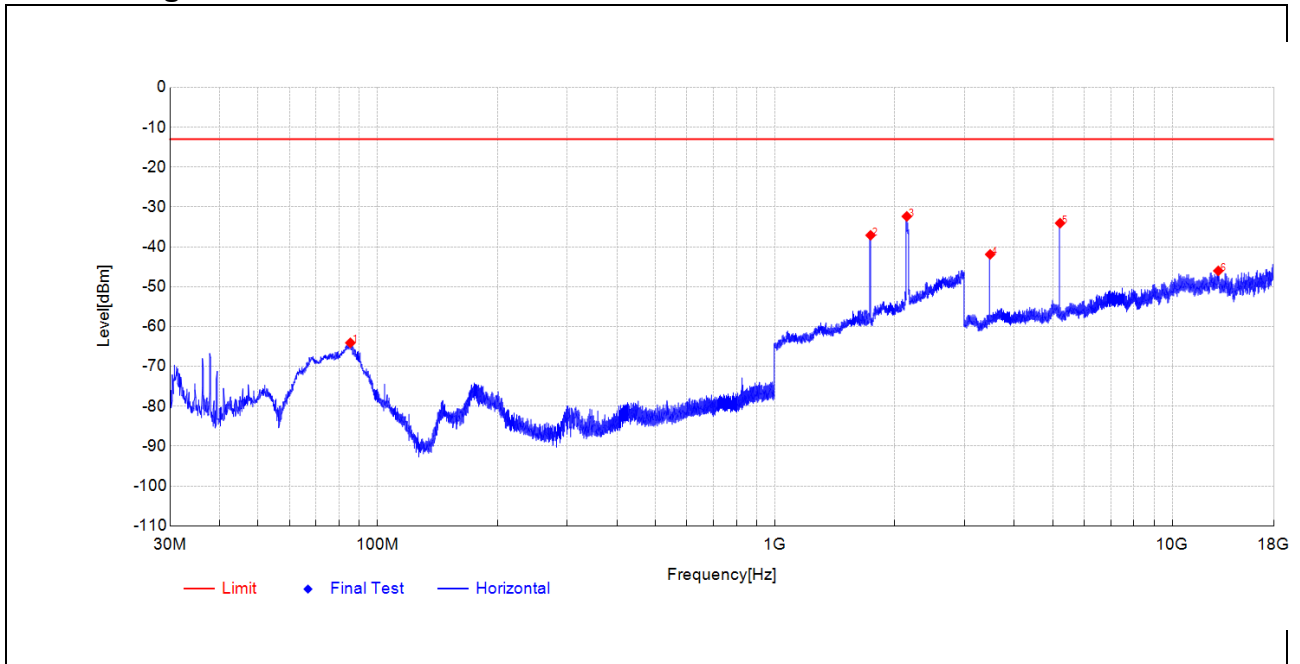


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
84.9047	-33.60	-56.31	-22.7	-25.0	31.3	Vertical	PK	PASS
2631.9264	-58.78	-45.49	13.3	-25.0	20.5	Vertical	PK	PASS
5183.0261	-41.13	-36.13	5.0	-25.0	11.1	Vertical	PK	PASS
7774.151	-57.34	-45.97	11.4	-25.0	21.0	Vertical	PK	PASS
10366.254	-57.02	-37.93	19.1	-25.0	12.9	Vertical	PK	PASS
16267.610	-69.83	-43.60	26.2	-25.0	18.6	Vertical	PK	PASS

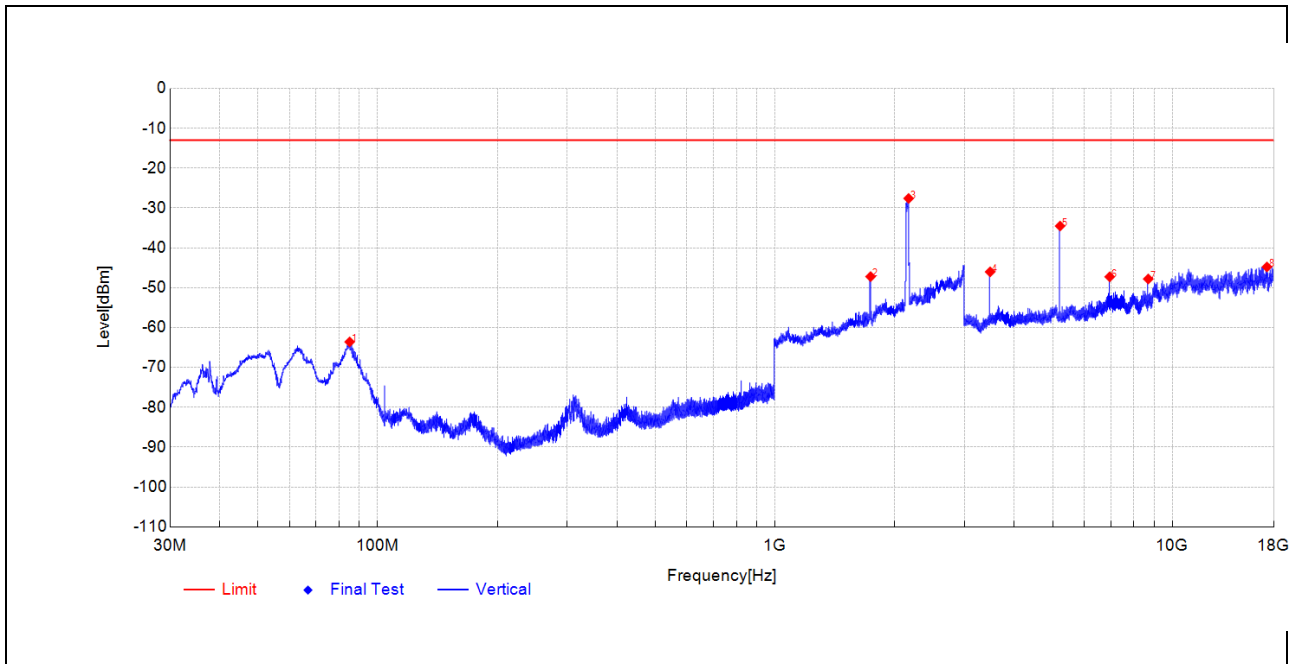


5G SA_n66

Plot for High Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
85.3413	-40.50	-64.08	-23.6	-13.0	51.1	Horizontal	PK	PASS
1740.9482	-40.08	-37.10	3.0	-	-	Horizontal	PK	NA
2147.8296	-38.38	-32.36	6.0	-	-	Horizontal	PK	NA
3481.3545	-42.79	-41.89	0.9	-13.0	28.9	Horizontal	PK	PASS
5222.4604	-39.25	-34.06	5.2	-13.0	21.1	Horizontal	PK	PASS
13063.962	-69.65	-46.03	23.6	-13.0	33.0	Horizontal	PK	PASS

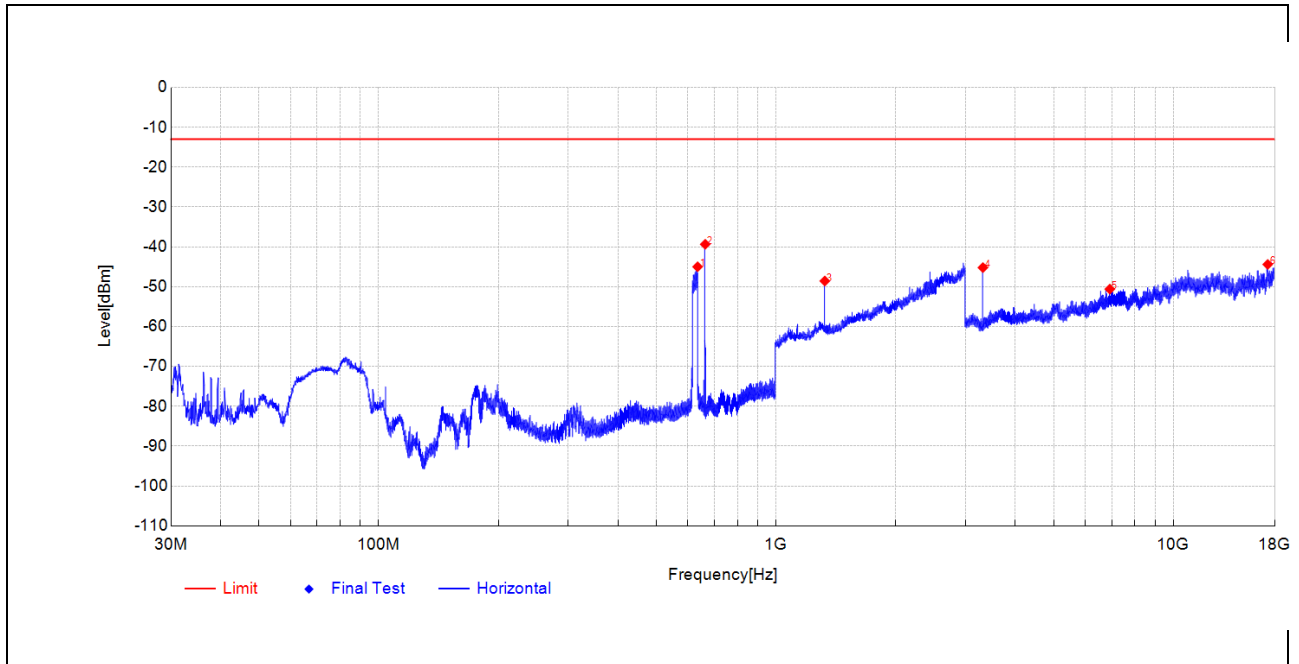


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
85.0018	-40.85	-63.60	-22.8	-13.0	50.6	Vertical	PK	PASS
1740.9482	-50.64	-47.21	3.4	-	-	Vertical	PK	NA
2170.6341	-33.92	-27.61	6.3	-	-	Vertical	PK	NA
3481.3545	-47.15	-46.03	1.1	-13.0	33.0	Vertical	PK	PASS
5222.0317	-39.50	-34.53	5.0	-13.0	21.5	Vertical	PK	PASS
6962.9185	-58.27	-47.27	11.0	-13.0	34.3	Vertical	PK	PASS
8704.4282	-62.01	-47.81	14.2	-13.0	34.8	Vertical	PK	PASS
17319.332	-69.43	-44.80	24.6	-13.0	31.8	Vertical	PK	PASS

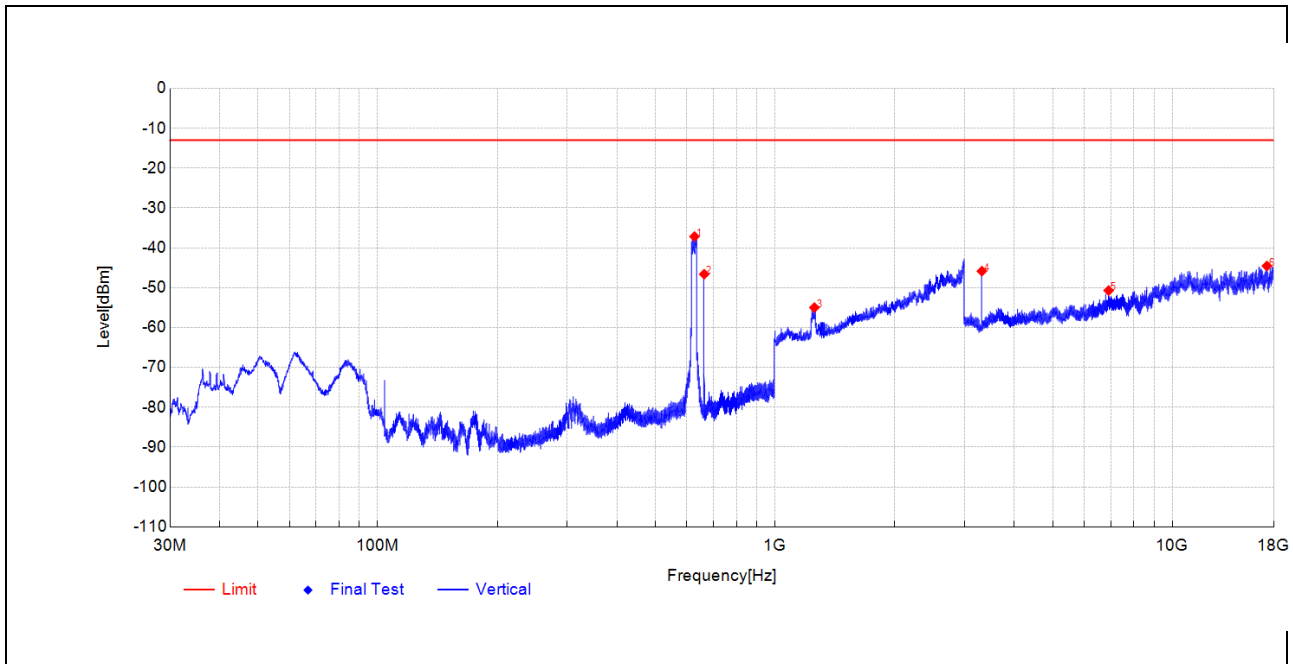


5G SA_n71

Plot for Low Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
635.0678	-36.37	-45.00	-8.6	-	-	Horizontal	PK	NA
663.7327	-31.18	-39.36	-8.2	-	-	Horizontal	PK	NA
1327.6655	-47.94	-48.57	-0.6	-13.0	35.6	Horizontal	PK	PASS
3318.9027	-44.18	-45.21	-1.0	-13.0	32.2	Horizontal	PK	PASS
6926.9171	-62.15	-50.60	11.6	-13.0	37.6	Horizontal	PK	PASS
17298.691	-68.42	-44.42	24.0	-13.0	31.4	Horizontal	PK	PASS

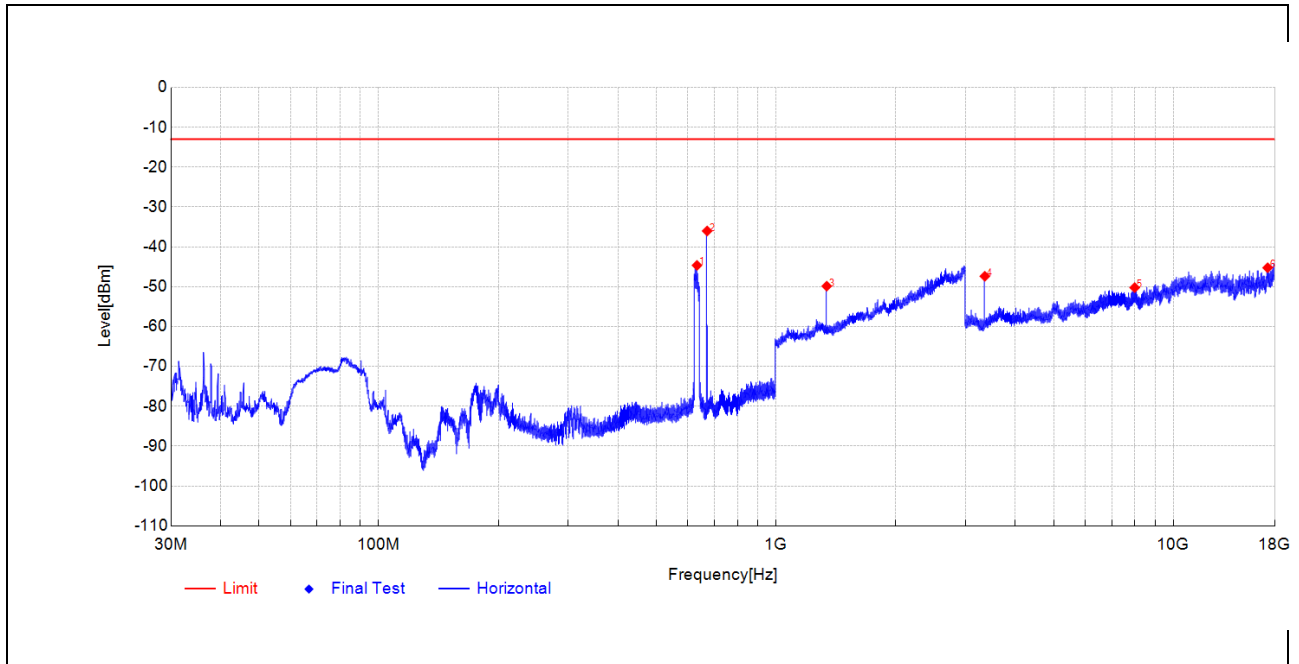


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
627.3559	-28.59	-37.16	-8.6	-	-	Vertical	PK	NA
663.6357	-38.24	-46.61	-8.4	-	-	Vertical	PK	NA
1256.8514	-54.12	-54.99	-0.9	-13.0	42.0	Vertical	PK	PASS
3318.4741	-44.93	-45.85	-0.9	-13.0	32.9	Vertical	PK	PASS
6917.3167	-61.60	-50.71	10.9	-13.0	37.7	Vertical	PK	PASS
17312.612	-69.17	-44.55	24.6	-13.0	31.6	Vertical	PK	PASS

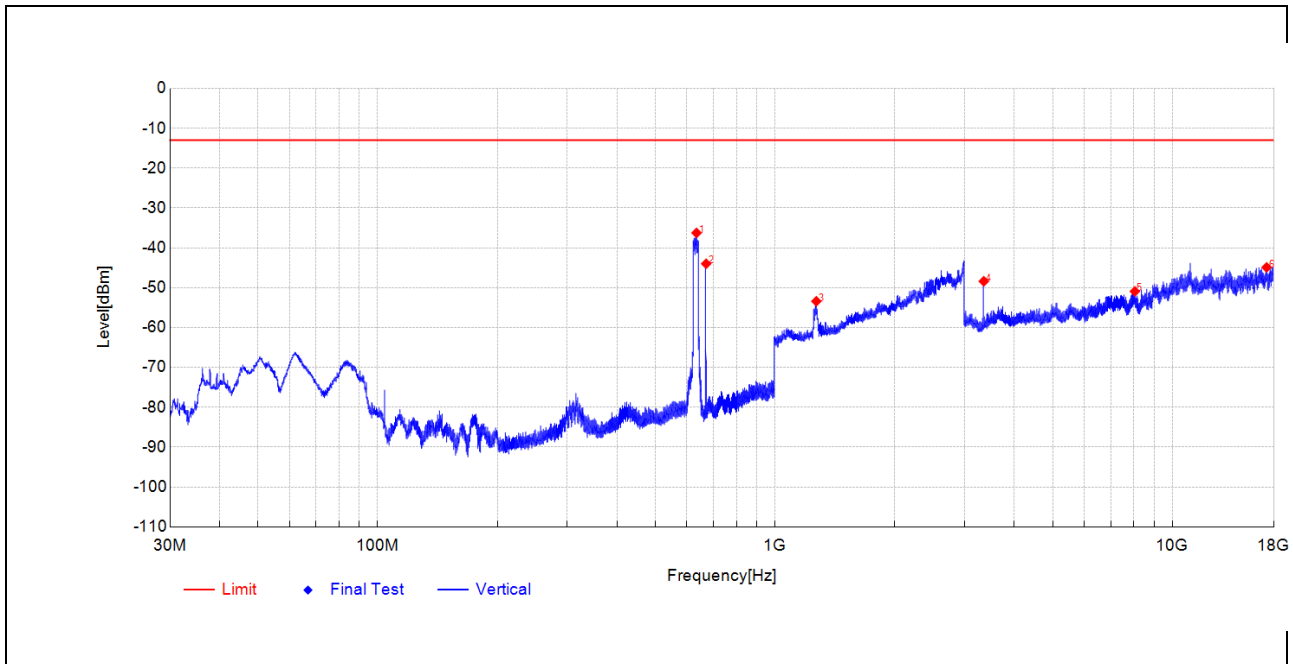


5G SA_n71

Plot for Mid Channel



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
632.7881	-35.99	-44.65	-8.7	-	-	Horizontal	PK	NA
671.1536	-27.98	-36.02	-8.0	-	-	Horizontal	PK	NA
1342.4685	-49.17	-49.86	-0.7	-13.0	36.9	Horizontal	PK	PASS
3356.1937	-46.93	-47.39	-0.5	-13.0	34.4	Horizontal	PK	PASS
7999.28	-63.58	-50.23	13.4	-13.0	37.2	Horizontal	PK	PASS
17290.051	-69.16	-45.25	23.9	-13.0	32.3	Horizontal	PK	PASS

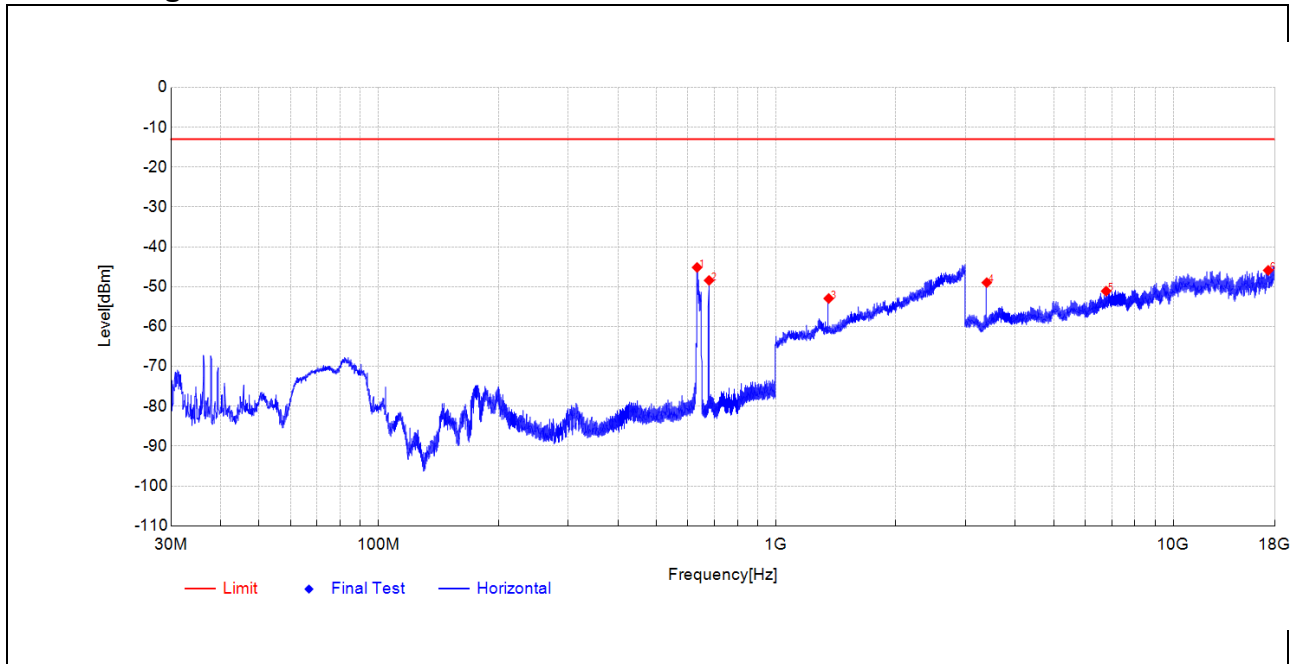


Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
634.8252	-27.74	-36.26	-8.5	-	-	Vertical	PK	NA
671.2021	-35.57	-44.00	-8.4	-	-	Vertical	PK	NA
1271.2543	-52.78	-53.40	-0.6	-13.0	40.4	Vertical	PK	PASS
3355.7651	-48.04	-48.39	-0.4	-13.0	35.4	Vertical	PK	PASS
8055.4422	-63.93	-50.93	13.0	-13.0	37.9	Vertical	PK	PASS
17287.651	-69.42	-44.90	24.5	-13.0	31.9	Vertical	PK	PASS

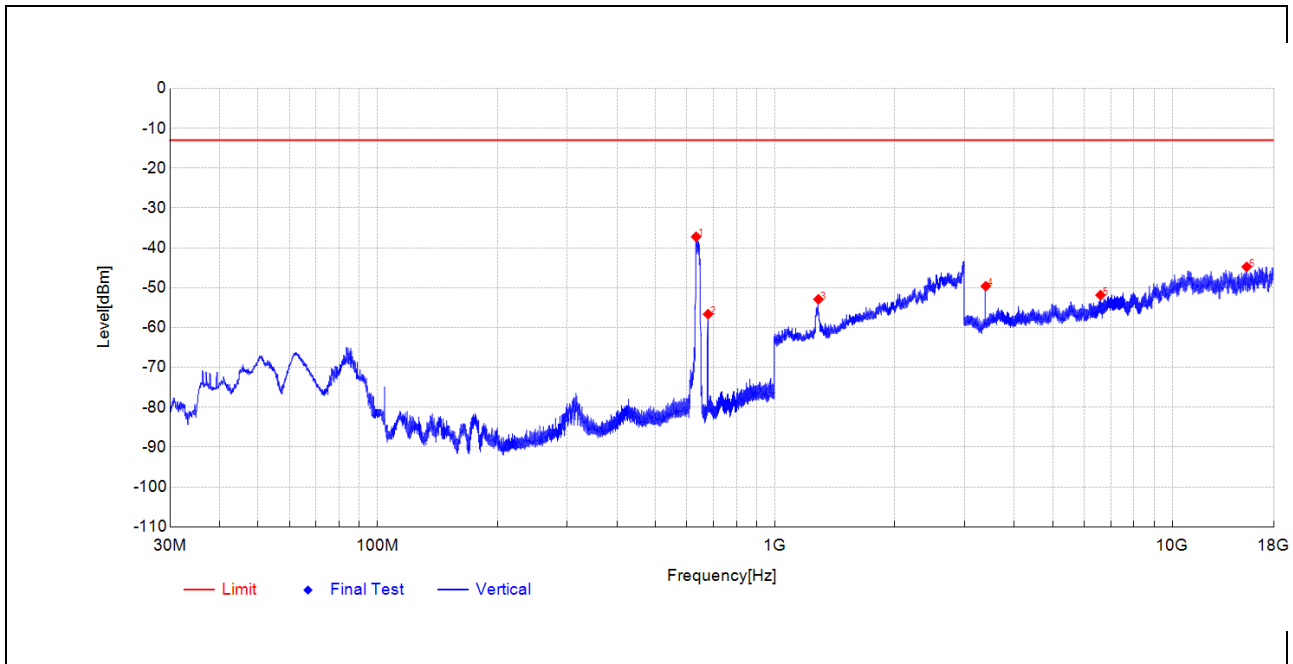


5G SA_n71

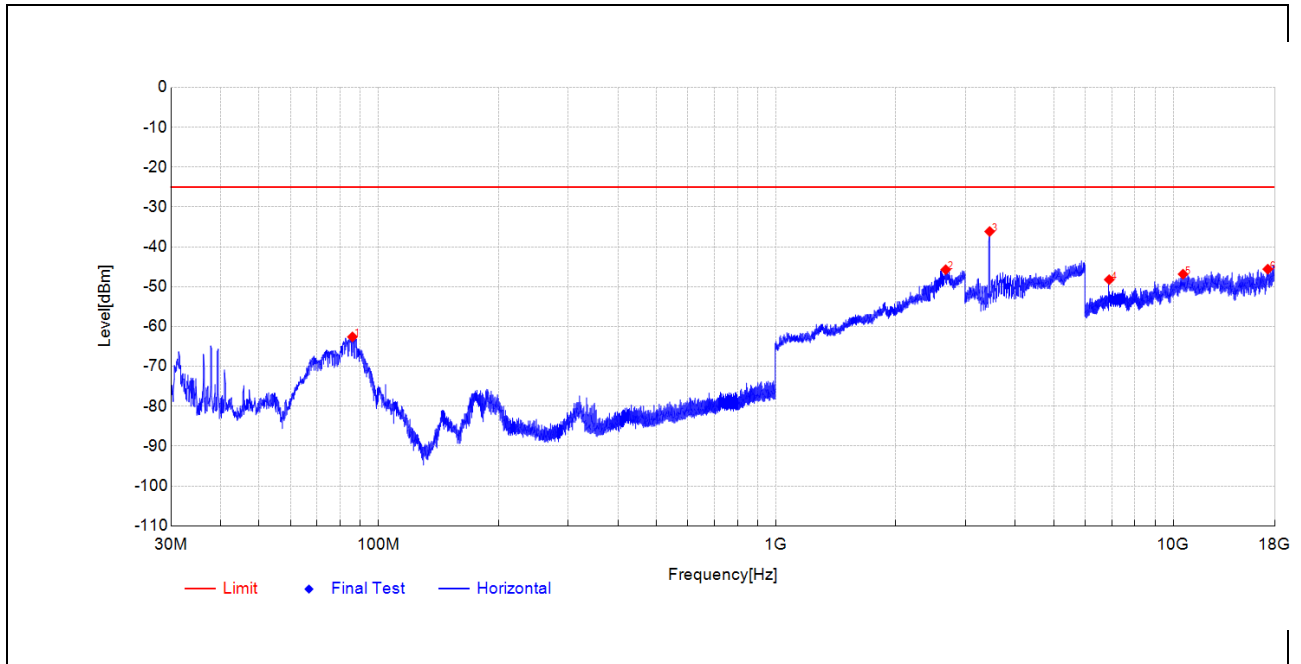
Plot for High Channel



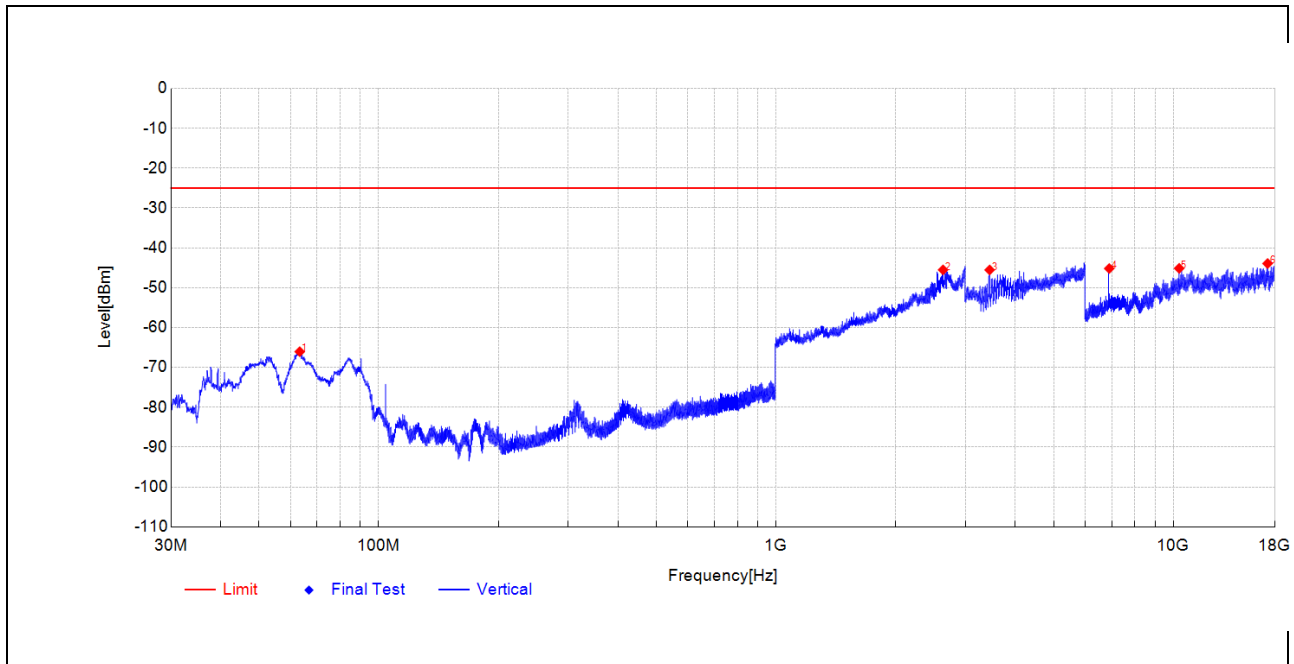
Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
633.1277	-36.52	-45.17	-8.7	-	-	Horizontal	PK	NA
678.7199	-40.53	-48.43	-7.9	-	-	Horizontal	PK	NA
1357.6715	-52.27	-52.96	-0.7	-13.0	40.0	Horizontal	PK	PASS
3393.9134	-49.09	-48.98	0.1	-13.0	36.0	Horizontal	PK	PASS
6780.0312	-62.36	-51.11	11.3	-13.0	38.1	Horizontal	PK	PASS
17345.253	-70.28	-45.90	24.4	-13.0	32.9	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
633.3217	-28.69	-37.22	-8.5	-	-	Vertical	PK	NA
678.7199	-48.16	-56.65	-8.5	-	-	Vertical	PK	NA
1286.8574	-52.53	-52.92	-0.4	-13.0	39.9	Vertical	PK	PASS
3393.9134	-49.85	-49.62	0.2	-13.0	36.6	Vertical	PK	PASS
6600.984	-62.07	-51.86	10.2	-13.0	38.9	Vertical	PK	PASS
15399.736	-70.47	-44.79	25.7	-13.0	31.8	Vertical	PK	PASS

**5G SA_n77(3450-3550MHz)****Plot for Mid Channel**

Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
85.8748	-39.07	-62.59	-23.5	-25.0	37.6	Horizontal	PK	PASS
2675.5351	-59.32	-45.73	13.6	-25.0	20.7	Horizontal	PK	PASS
3451.7788	-56.87	-36.15	20.7	-	-	Horizontal	PK	NA
6902.4361	-59.80	-48.24	11.6	-25.0	23.2	Horizontal	PK	PASS
10589.463	-66.21	-46.86	19.4	-25.0	21.9	Horizontal	PK	PASS
17303.492	-69.65	-45.61	24.0	-25.0	20.6	Horizontal	PK	PASS



Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
63.2727	-47.08	-66.06	-19.0	-25.0	41.1	Vertical	PK	PASS
2634.7269	-58.77	-45.53	13.2	-25.0	20.5	Vertical	PK	PASS
3451.7788	-66.45	-45.54	20.9	-	-	Vertical	PK	NA
6902.9161	-56.04	-45.19	10.9	-25.0	20.2	Vertical	PK	PASS
10354.734	-64.17	-45.14	19.0	-25.0	20.1	Vertical	PK	PASS
17287.651	-68.46	-43.94	24.5	-25.0	18.9	Vertical	PK	PASS