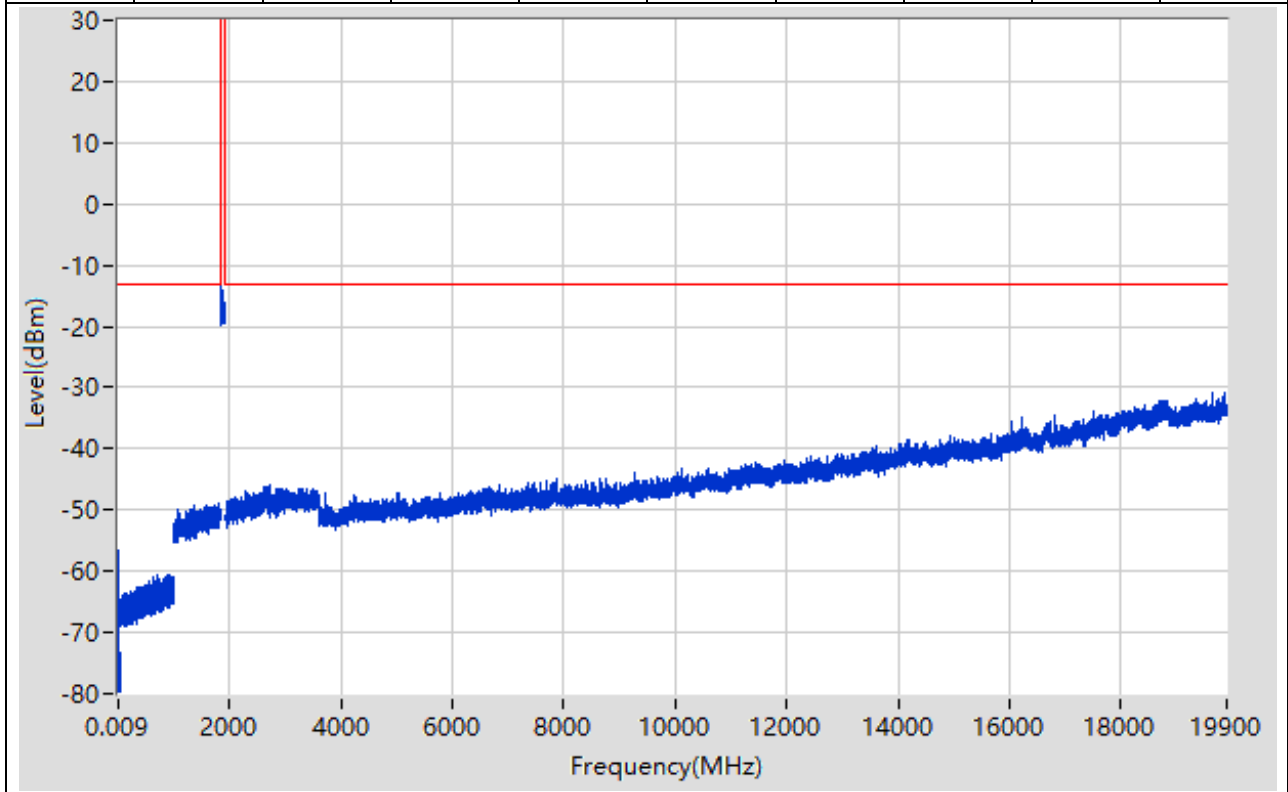


Annex A.5 Spurious Emission at Antenna Terminals

1. Cat-M_Band2

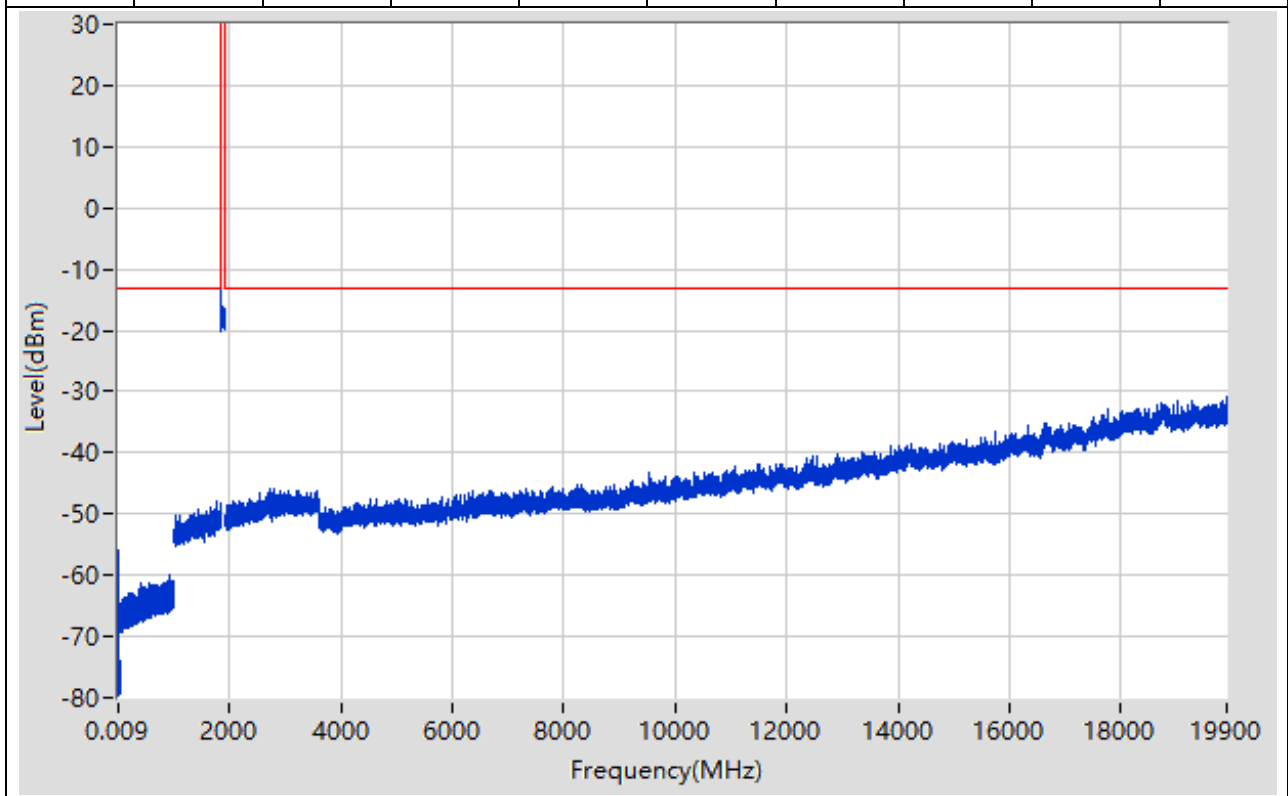
1.1. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:18625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.44	-13	43.44	Pass	401
0.15	30	0.01	RMS	0.16	-59.21	-13	46.21	Pass	2986
30	1000	0.1	RMS	936.9	-60.65	-13	47.65	Pass	9701
1000	1830	1	RMS	1817	-48.76	-13	35.76	Pass	831
1830	1930	1	RMS	1850.25	24.53	60	35.47	Pass	401
1930	3000	1	RMS	2707	-45.79	-13	32.79	Pass	1071
3000	19900	1	RMS	19879	-30.69	-13	17.69	Pass	16901



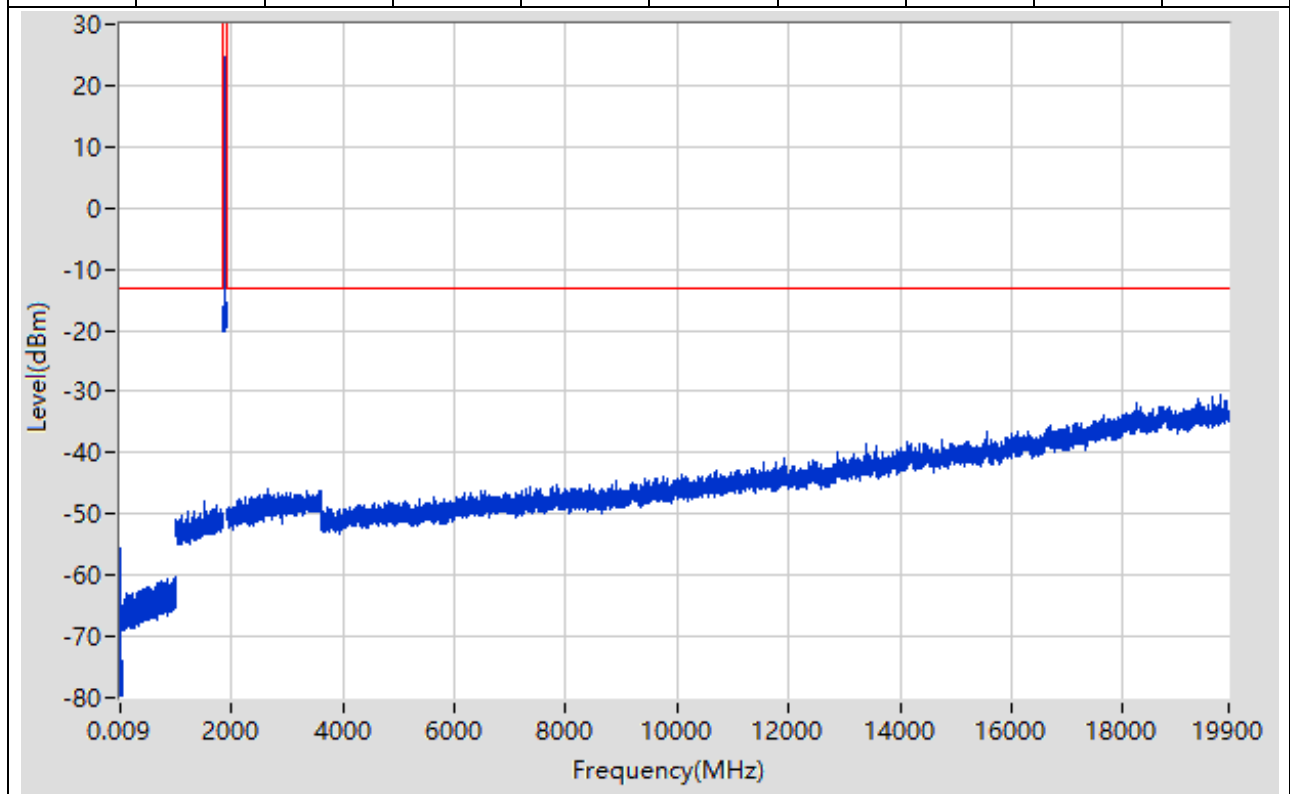
1.2. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:18625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.93	-13	42.93	Pass	401
0.15	30	0.01	RMS	0.15	-58.88	-13	45.88	Pass	2986
30	1000	0.1	RMS	929.3	-60.05	-13	47.05	Pass	9701
1000	1830	1	RMS	1782	-48.01	-13	35.01	Pass	831
1830	1930	1	RMS	1850.25	24.48	60	35.52	Pass	401
1930	3000	1	RMS	2738	-45.8	-13	32.8	Pass	1071
3000	19900	1	RMS	19884	-30.69	-13	17.69	Pass	16901



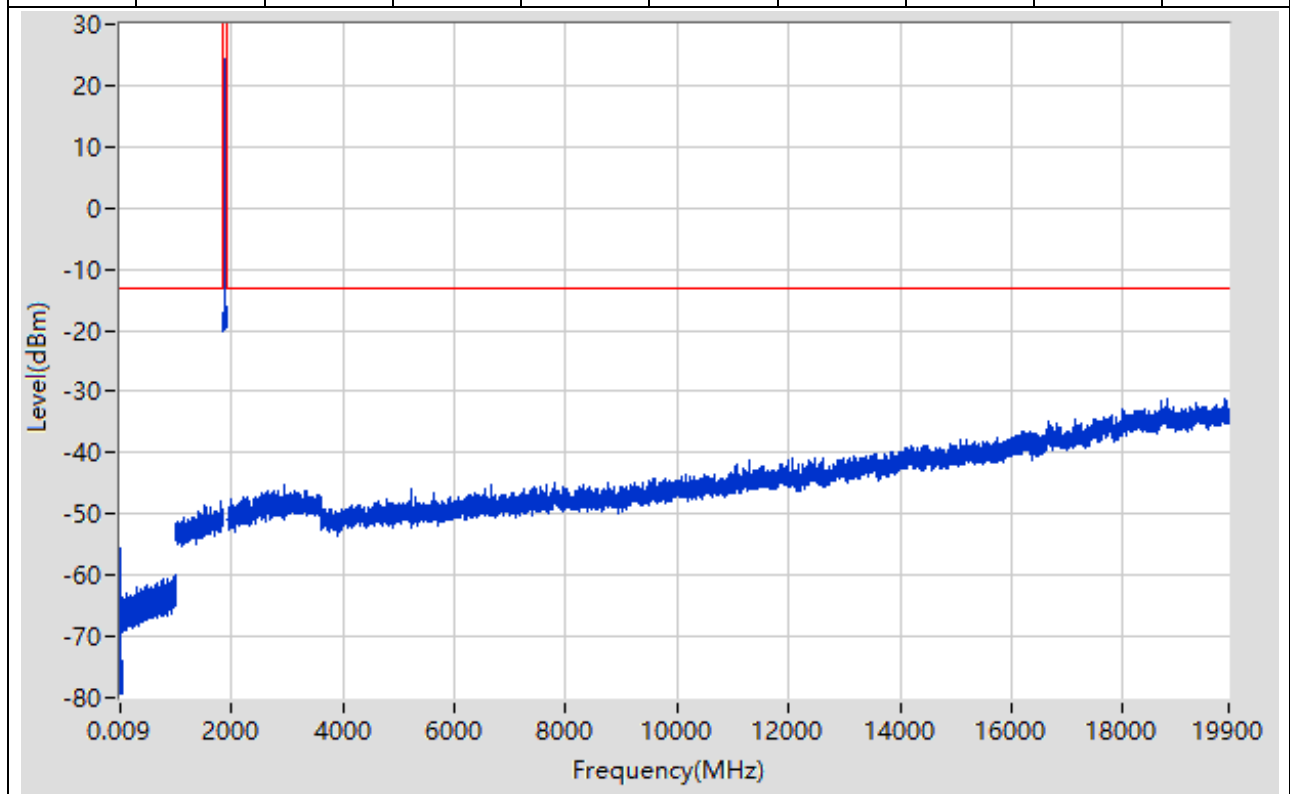
1.3. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.65	-13	42.65	Pass	401
0.15	30	0.01	RMS	0.15	-55.87	-13	42.87	Pass	2986
30	1000	0.1	RMS	989.3	-60.18	-13	47.18	Pass	9701
1000	1830	1	RMS	1509	-47.97	-13	34.97	Pass	831
1830	1930	1	RMS	1877.75	24.56	60	35.44	Pass	401
1930	3000	1	RMS	2659	-45.85	-13	32.85	Pass	1071
3000	19900	1	RMS	19764	-30.59	-13	17.59	Pass	16901



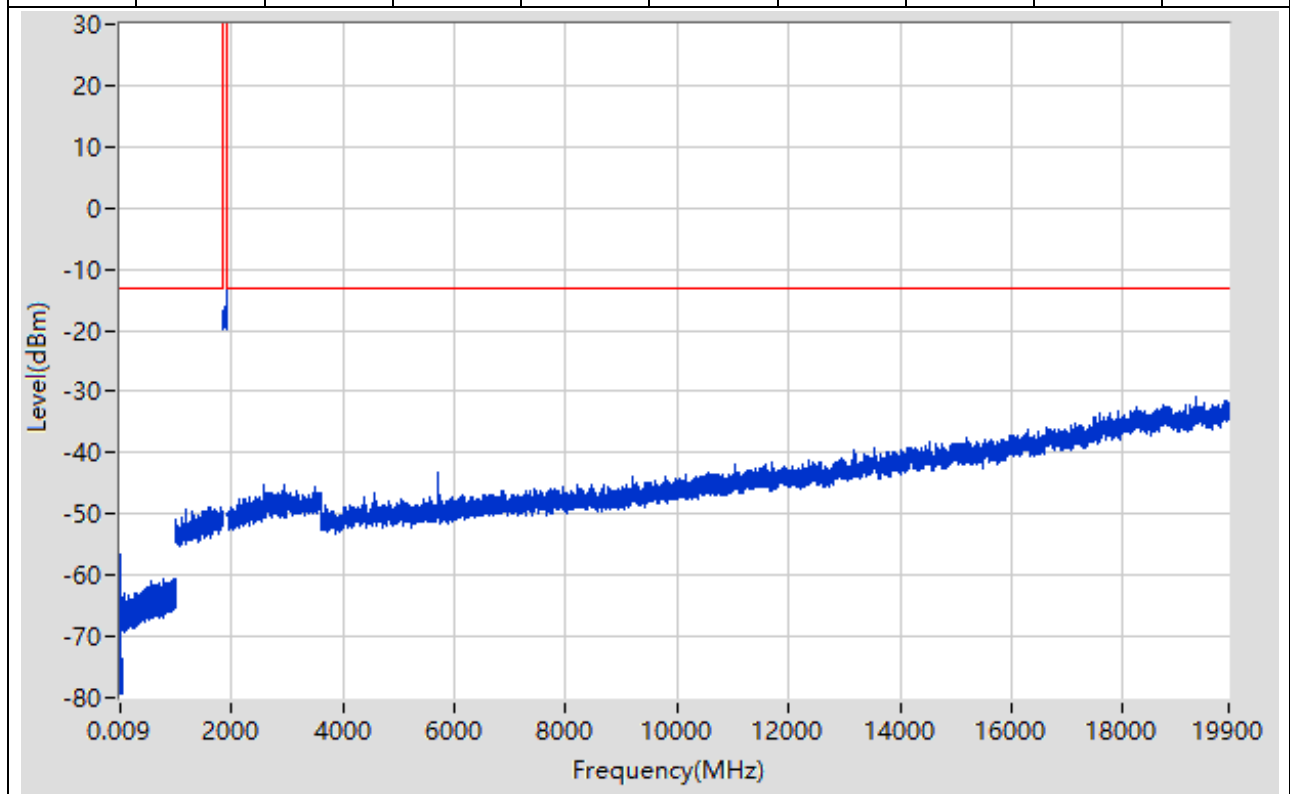
1.4. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.53	-13	42.53	Pass	401
0.15	30	0.01	RMS	0.15	-58.46	-13	45.46	Pass	2986
30	1000	0.1	RMS	982.8	-59.79	-13	46.79	Pass	9701
1000	1830	1	RMS	1803	-47.98	-13	34.98	Pass	831
1830	1930	1	RMS	1878	24.44	60	35.56	Pass	401
1930	3000	1	RMS	2929	-45.26	-13	32.26	Pass	1071
3000	19900	1	RMS	18781	-31.05	-13	18.05	Pass	16901



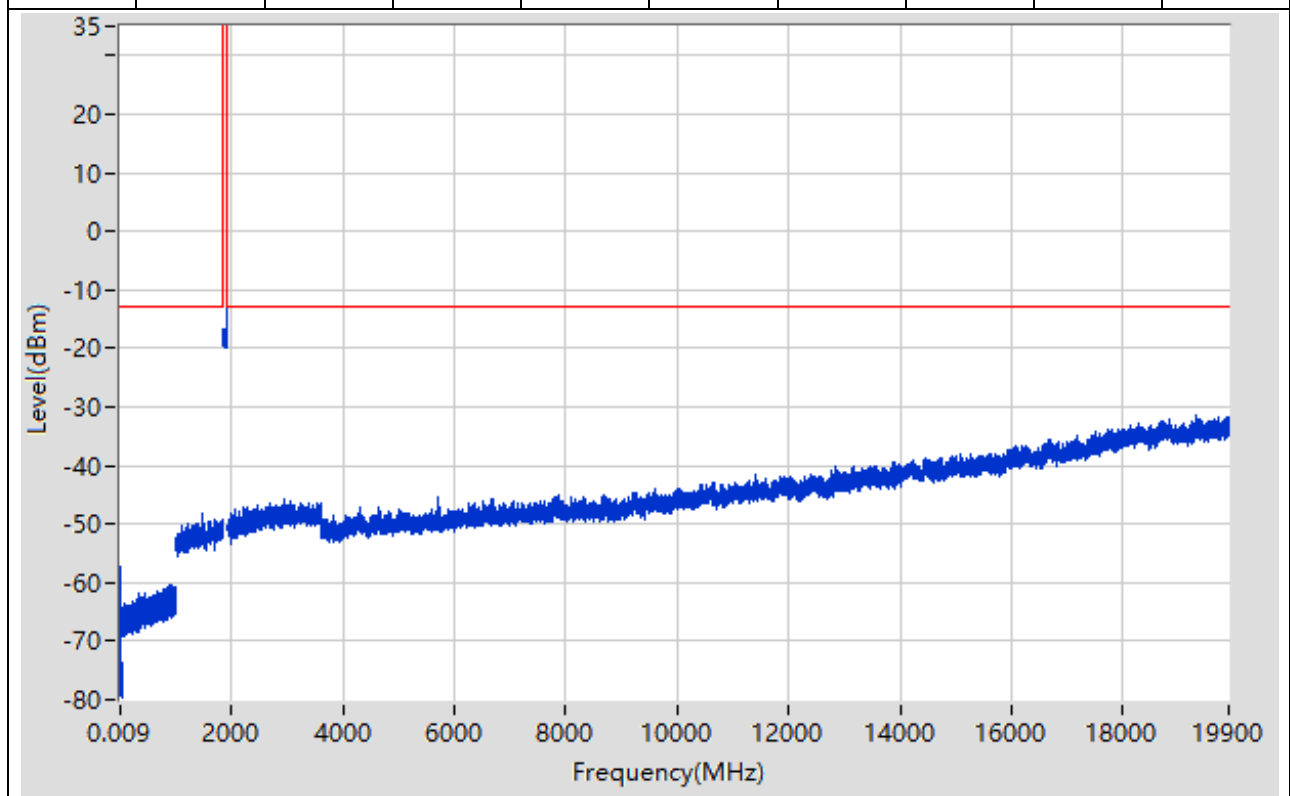
1.5. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:19175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.47	-13	43.47	Pass	401
0.15	30	0.01	RMS	0.15	-57.08	-13	44.08	Pass	2986
30	1000	0.1	RMS	966.9	-60.58	-13	47.58	Pass	9701
1000	1830	1	RMS	1796	-48.97	-13	35.97	Pass	831
1830	1930	1	RMS	1906.25	24.05	60	35.95	Pass	401
1930	3000	1	RMS	2945	-45.25	-13	32.25	Pass	1071
3000	19900	1	RMS	19294	-30.82	-13	17.82	Pass	16901



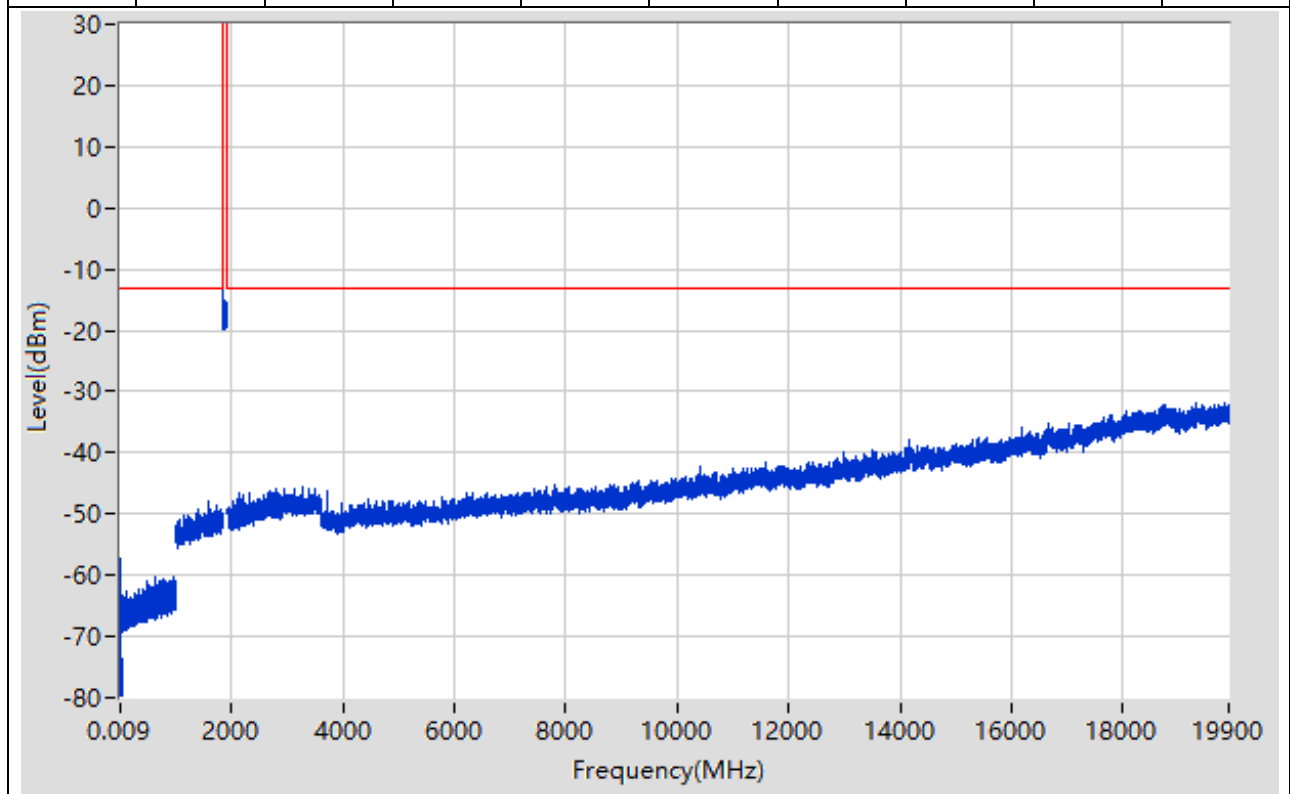
1.6. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:19175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.17	-13	44.17	Pass	401
0.15	30	0.01	RMS	0.15	-59.11	-13	46.11	Pass	2986
30	1000	0.1	RMS	926.6	-60.28	-13	47.28	Pass	9701
1000	1830	1	RMS	1485	-48.14	-13	35.14	Pass	831
1830	1930	1	RMS	1906.25	25.02	60	34.98	Pass	401
1930	3000	1	RMS	2934	-45.8	-13	32.8	Pass	1071
3000	19900	1	RMS	19294	-31.34	-13	18.34	Pass	16901



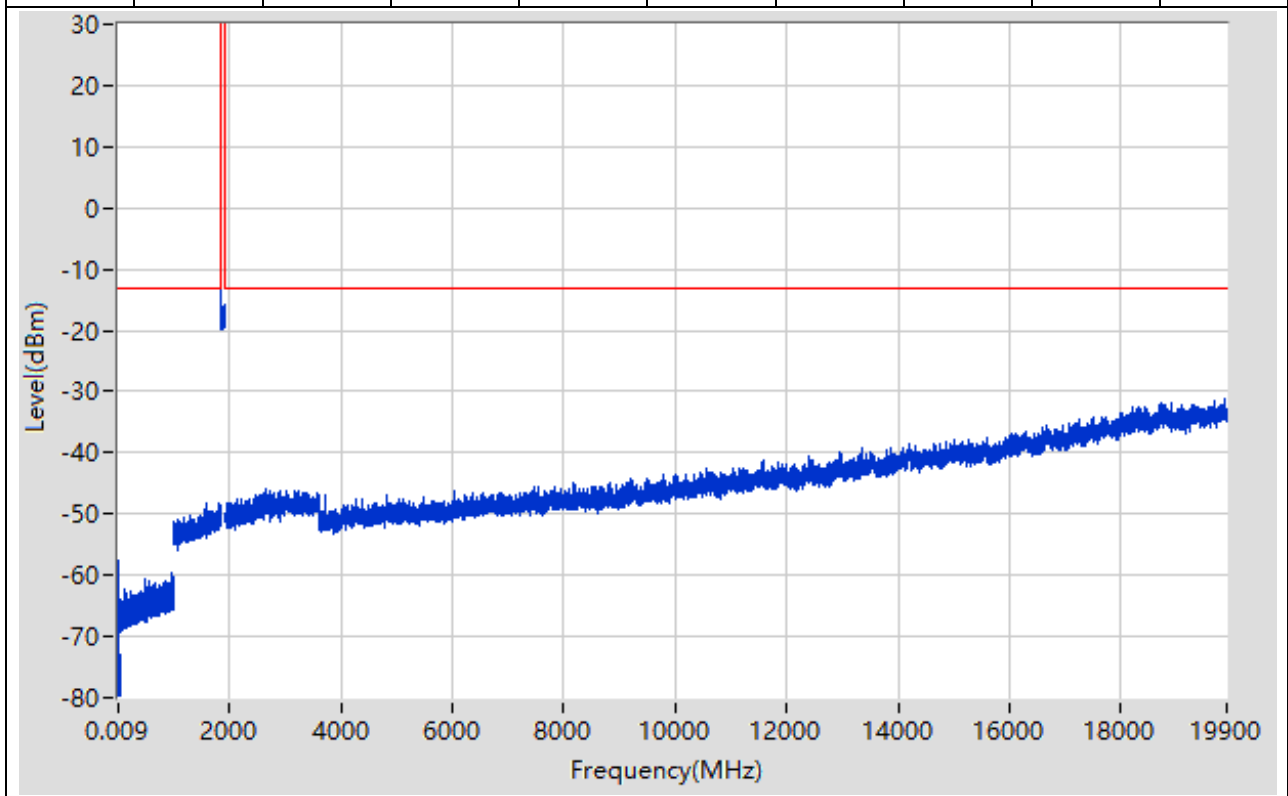
1.7. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:18650, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.28	-13	44.28	Pass	401
0.15	30	0.01	RMS	0.17	-59.8	-13	46.8	Pass	2986
30	1000	0.1	RMS	958.2	-60.18	-13	47.18	Pass	9701
1000	1830	1	RMS	1575	-47.79	-13	34.79	Pass	831
1830	1930	1	RMS	1850.75	24.55	60	35.45	Pass	401
1930	3000	1	RMS	2791	-45.89	-13	32.89	Pass	1071
3000	19900	1	RMS	19842	-31.72	-13	18.72	Pass	16901



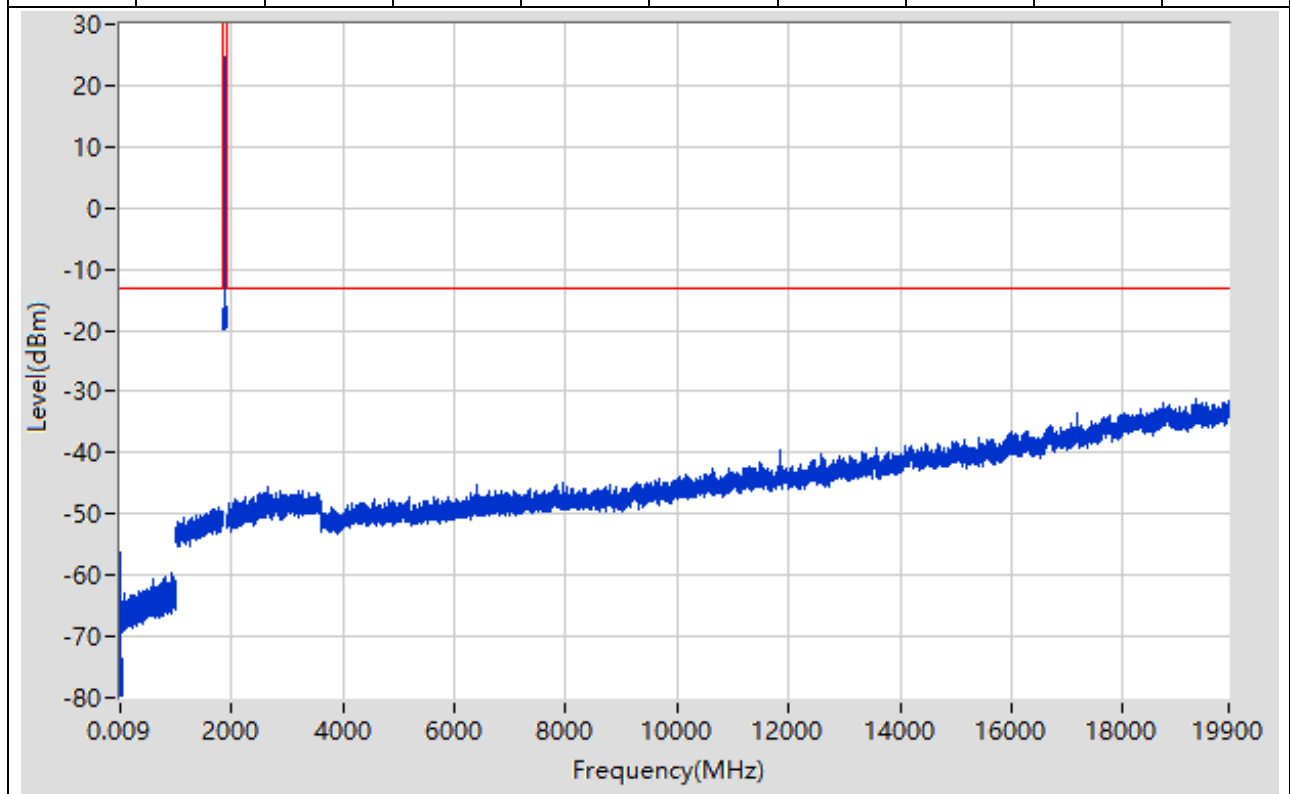
1.8. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:18650, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.88	-13	44.88	Pass	401
0.15	30	0.01	RMS	0.15	-57.68	-13	44.68	Pass	2986
30	1000	0.1	RMS	954.7	-59.52	-13	46.52	Pass	9701
1000	1830	1	RMS	1569	-48.3	-13	35.3	Pass	831
1830	1930	1	RMS	1850.75	24.93	60	35.07	Pass	401
1930	3000	1	RMS	2644	-45.98	-13	32.98	Pass	1071
3000	19900	1	RMS	19846	-31.05	-13	18.05	Pass	16901



1.9. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:18900, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

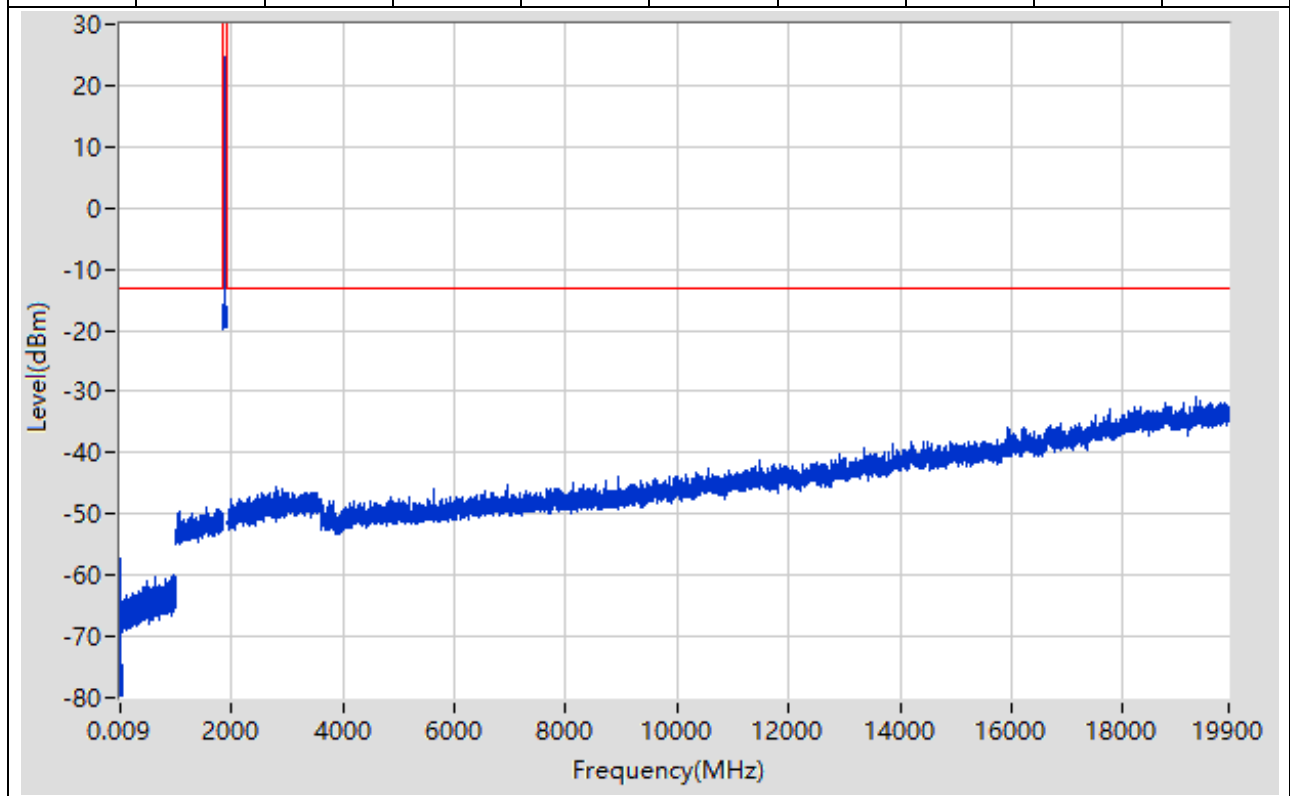
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.38	-13	43.38	Pass	401
0.15	30	0.01	RMS	0.15	-59.76	-13	46.76	Pass	2986
30	1000	0.1	RMS	934	-59.5	-13	46.5	Pass	9701
1000	1830	1	RMS	1779	-49.06	-13	36.06	Pass	831
1830	1930	1	RMS	1875.75	24.65	60	35.35	Pass	401
1930	3000	1	RMS	2632	-45.59	-13	32.59	Pass	1071
3000	19900	1	RMS	19307	-31.29	-13	18.29	Pass	16901



1.10. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:18900, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

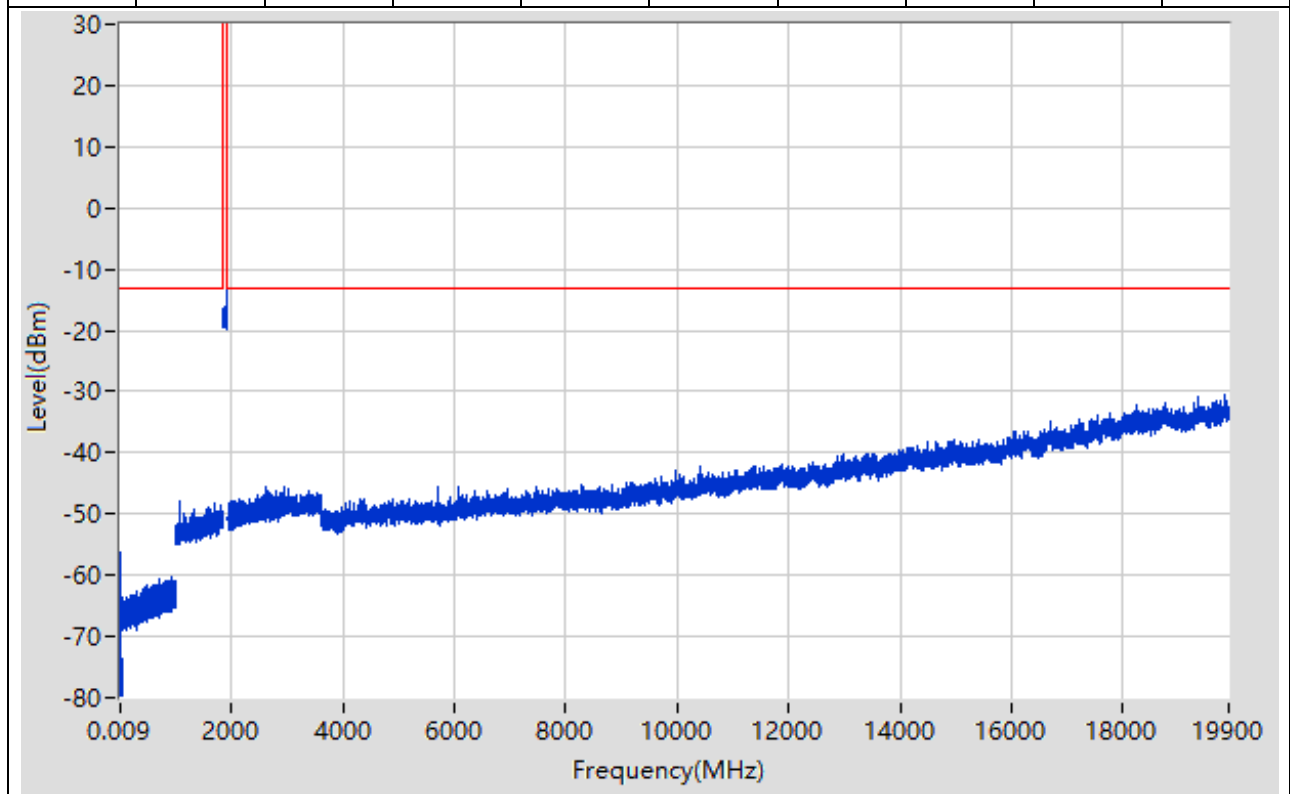
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.16	-13	44.16	Pass	401
0.15	30	0.01	RMS	0.15	-58.55	-13	45.55	Pass	2986
30	1000	0.1	RMS	968.1	-59.81	-13	46.81	Pass	9701
1000	1830	1	RMS	1548	-48.77	-13	35.77	Pass	831
1830	1930	1	RMS	1875.75	24.79	60	35.21	Pass	401
1930	3000	1	RMS	2796	-45.69	-13	32.69	Pass	1071
3000	19900	1	RMS	19311	-30.8	-13	17.8	Pass	16901



1.11. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:11, Channel:19150, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

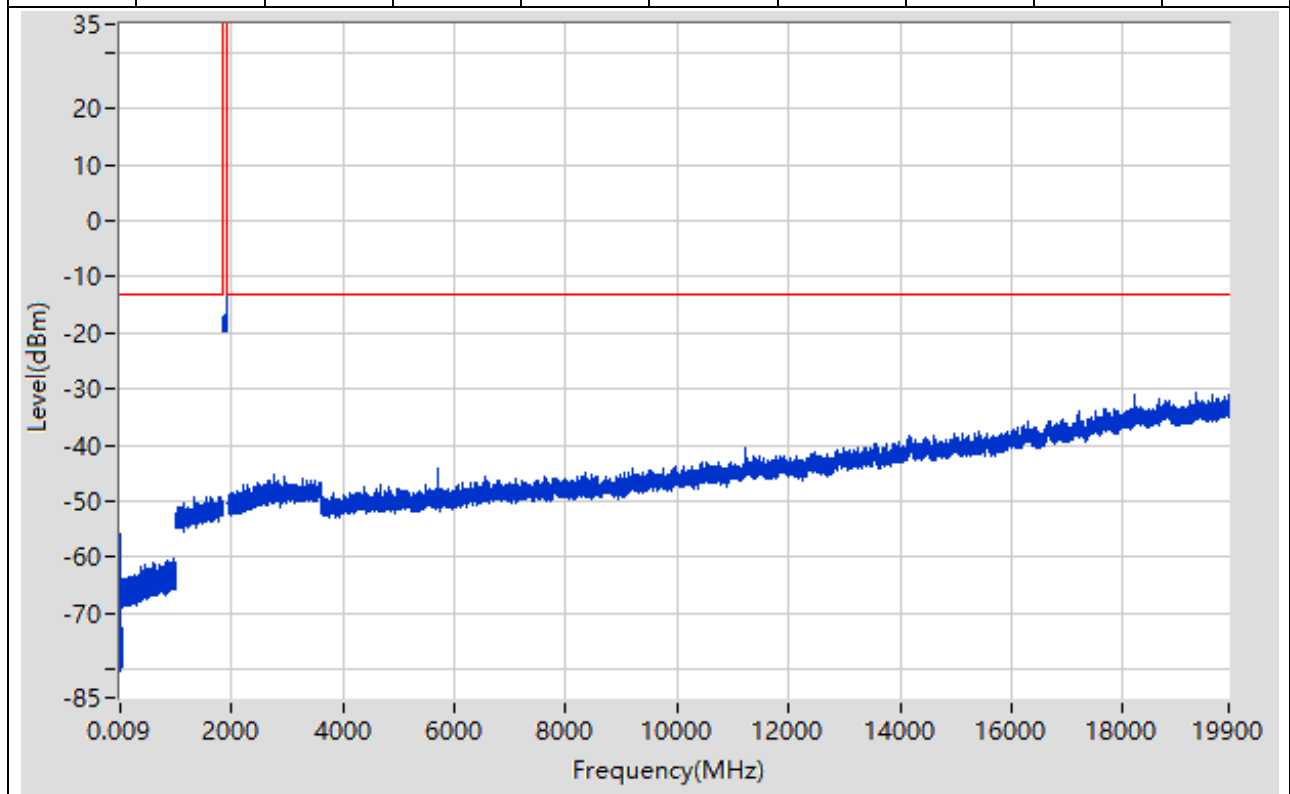
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.25	-13	43.25	Pass	401
0.15	30	0.01	RMS	0.17	-59.33	-13	46.33	Pass	2986
30	1000	0.1	RMS	919.7	-60.33	-13	47.33	Pass	9701
1000	1830	1	RMS	1082	-48.05	-13	35.05	Pass	831
1830	1930	1	RMS	1901.75	23.92	60	36.08	Pass	401
1930	3000	1	RMS	2960	-45.71	-13	32.71	Pass	1071
3000	19900	1	RMS	19839	-30.57	-13	17.57	Pass	16901



1.12. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:12, Channel:19150, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

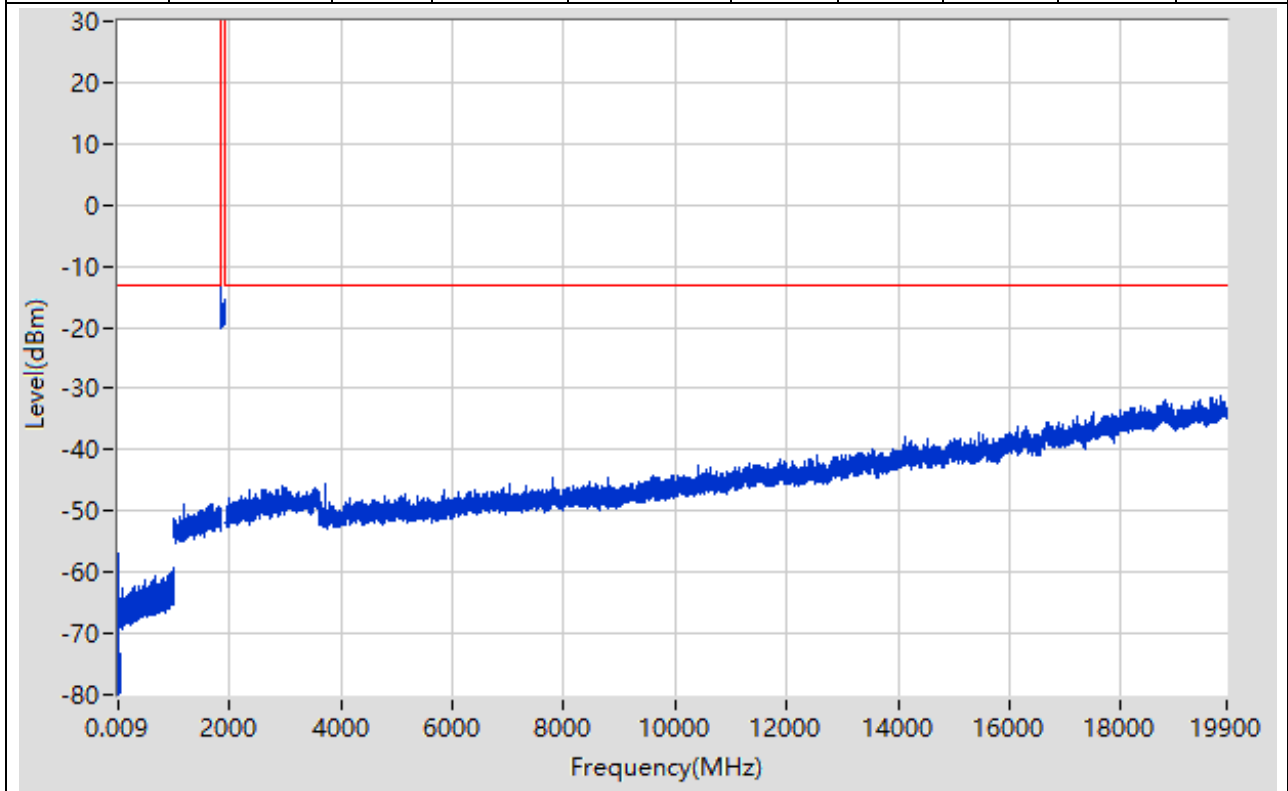
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.61	-13	43.61	Pass	401
0.15	30	0.01	RMS	0.15	-55.88	-13	42.88	Pass	2986
30	1000	0.1	RMS	974.6	-60.11	-13	47.11	Pass	9701
1000	1830	1	RMS	1610	-49.09	-13	36.09	Pass	831
1830	1930	1	RMS	1901.5	25.19	60	34.81	Pass	401
1930	3000	1	RMS	2757	-45.28	-13	32.28	Pass	1071
3000	19900	1	RMS	19307	-30.72	-13	17.72	Pass	16901



1.13. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:13, Channel:18675, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

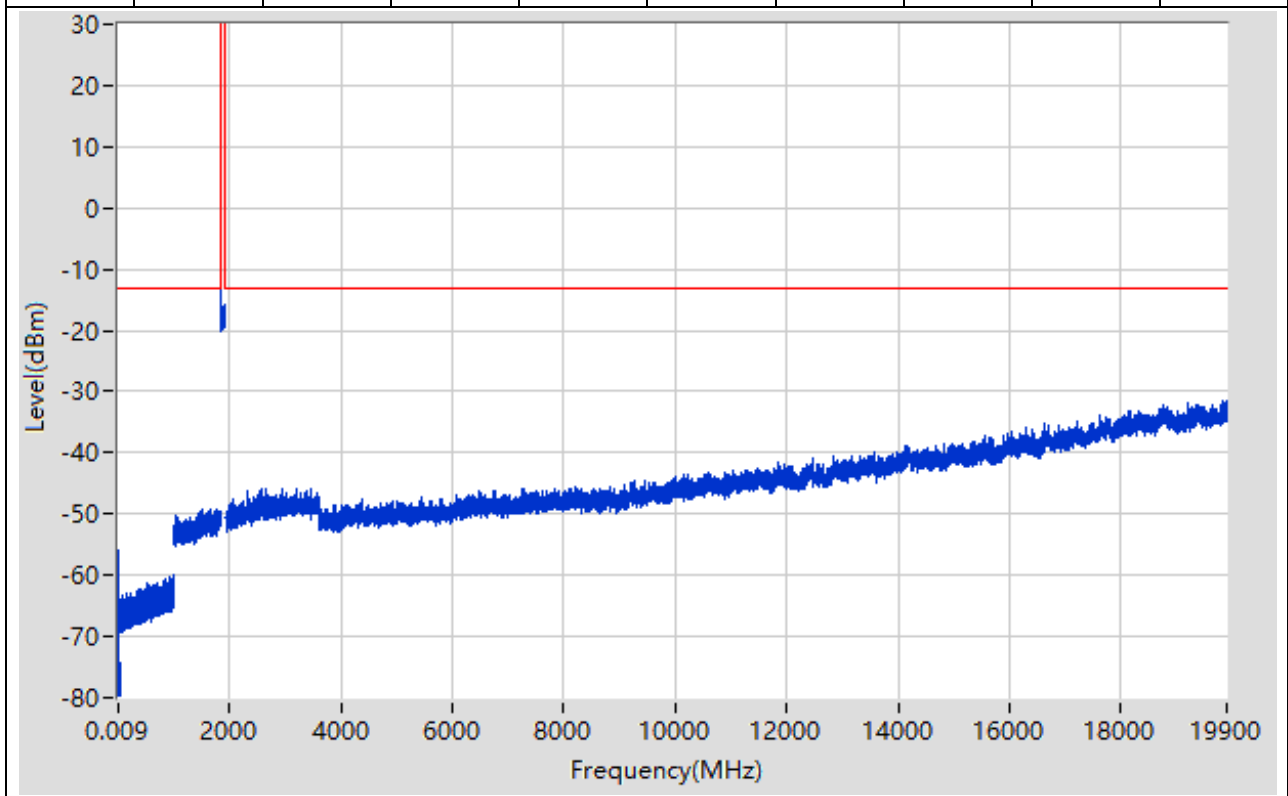
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.18	-13	44.18	Pass	401
0.15	30	0.01	RMS	0.15	-56.95	-13	43.95	Pass	2986
30	1000	0.1	RMS	989.6	-59.43	-13	46.43	Pass	9701
1000	1830	1	RMS	1686	-48.77	-13	35.77	Pass	831
1830	1930	1	RMS	1851.25	24.07	60	35.93	Pass	401
1930	3000	1	RMS	2935	-45.91	-13	32.91	Pass	1071
3000	19900	1	RMS	19787	-31.28	-13	18.28	Pass	16901



1.14. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:14, Channel:18675, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

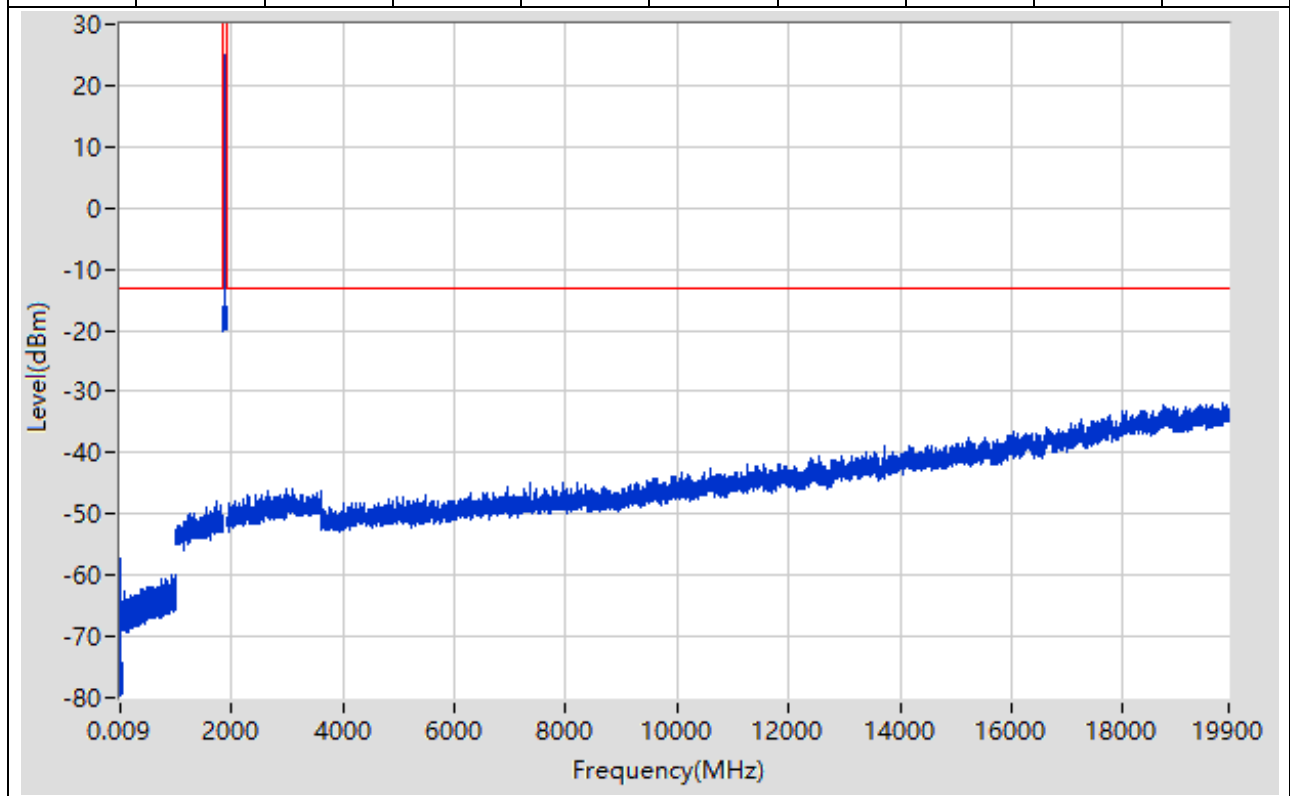
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.77	-13	42.77	Pass	401
0.15	30	0.01	RMS	0.15	-58.55	-13	45.55	Pass	2986
30	1000	0.1	RMS	995.3	-59.99	-13	46.99	Pass	9701
1000	1830	1	RMS	1782	-49.16	-13	36.16	Pass	831
1830	1930	1	RMS	1851	23.83	60	36.17	Pass	401
1930	3000	1	RMS	2558	-45.82	-13	32.82	Pass	1071
3000	19900	1	RMS	19844	-31.37	-13	18.37	Pass	16901



1.15. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:15, Channel:18900, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

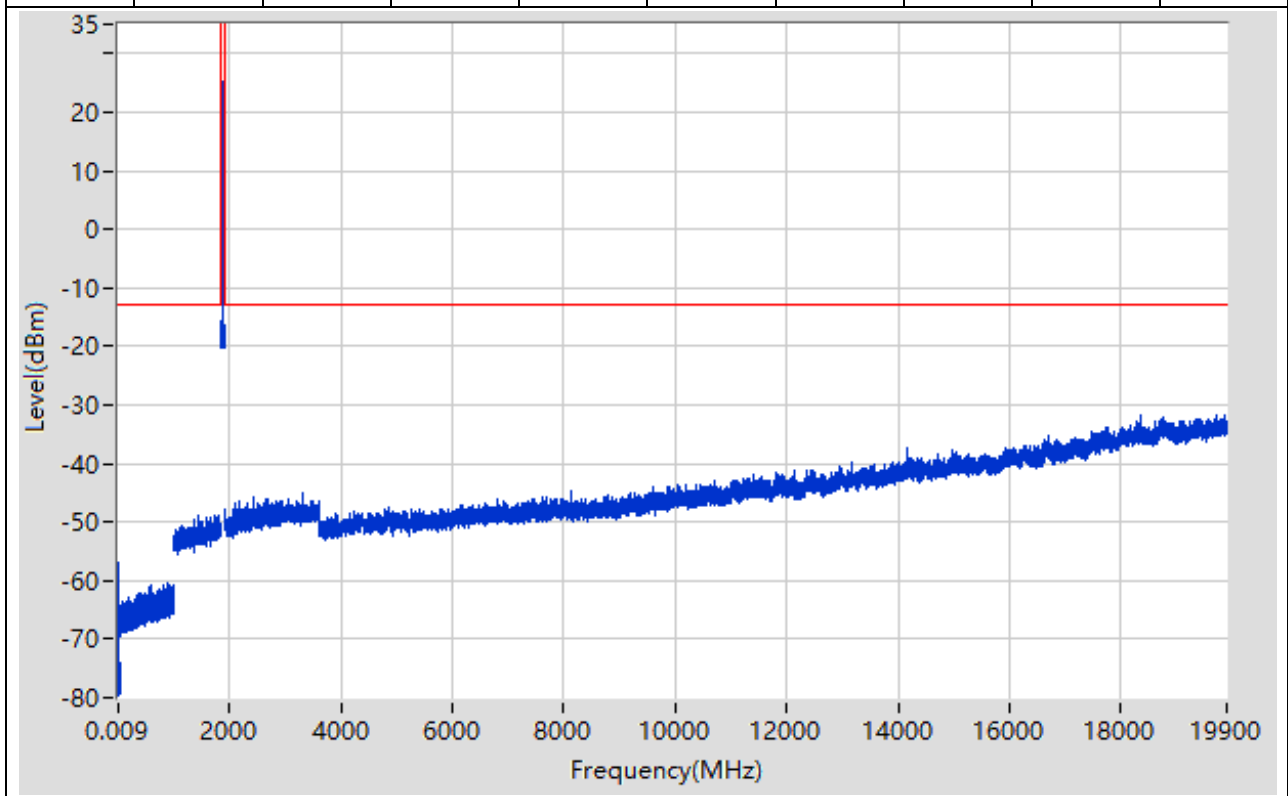
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.28	-13	44.28	Pass	401
0.15	30	0.01	RMS	0.15	-57.6	-13	44.6	Pass	2986
30	1000	0.1	RMS	916.2	-59.88	-13	46.88	Pass	9701
1000	1830	1	RMS	1741	-47.99	-13	34.99	Pass	831
1830	1930	1	RMS	1873.5	24.84	60	35.16	Pass	401
1930	3000	1	RMS	2981	-46.02	-13	33.02	Pass	1071
3000	19900	1	RMS	19792	-31.95	-13	18.95	Pass	16901



1.16. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

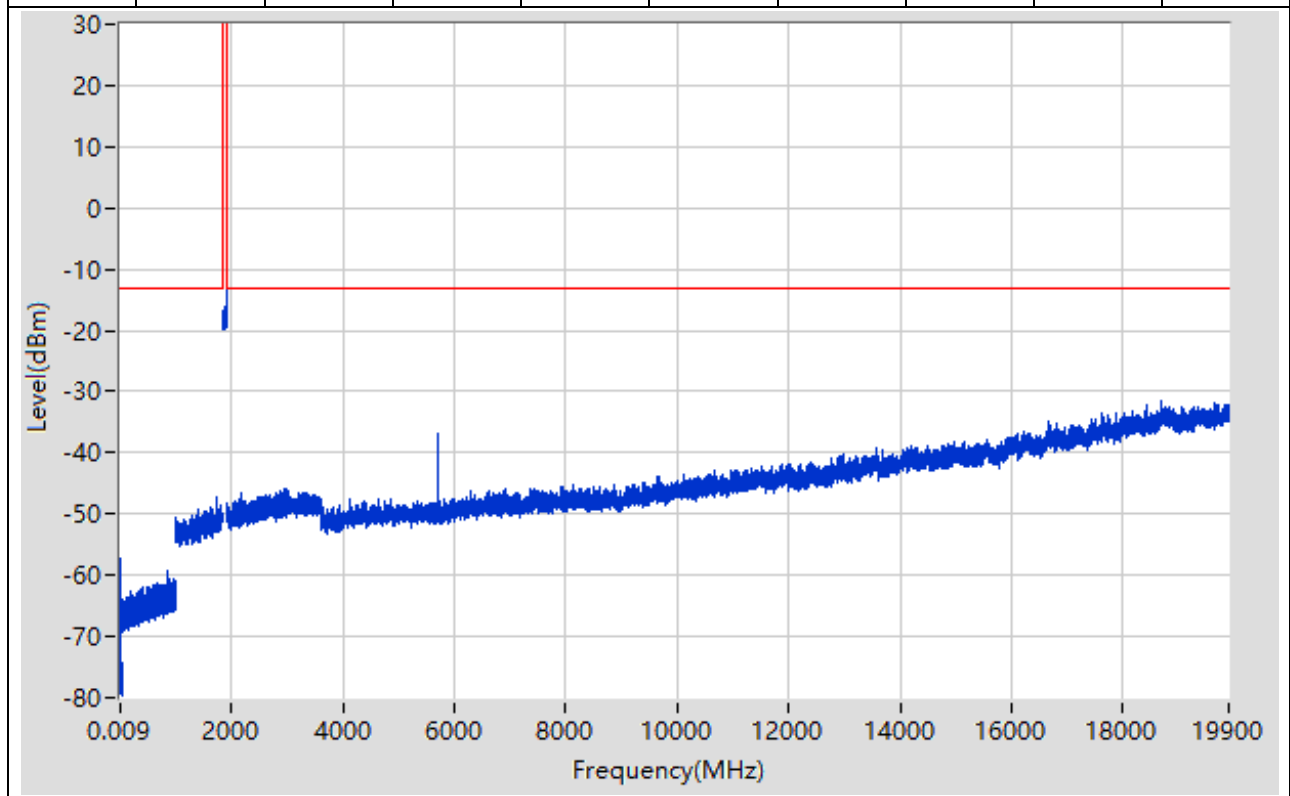
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57	-13	44	Pass	401
0.15	30	0.01	RMS	0.15	-58.94	-13	45.94	Pass	2986
30	1000	0.1	RMS	868.3	-60.51	-13	47.51	Pass	9701
1000	1830	1	RMS	1432	-48.73	-13	35.73	Pass	831
1830	1930	1	RMS	1873.5	25.22	60	34.78	Pass	401
1930	3000	1	RMS	2419	-45.85	-13	32.85	Pass	1071
3000	19900	1	RMS	19850	-31.64	-13	18.64	Pass	16901



1.17. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:17, Channel:19125, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

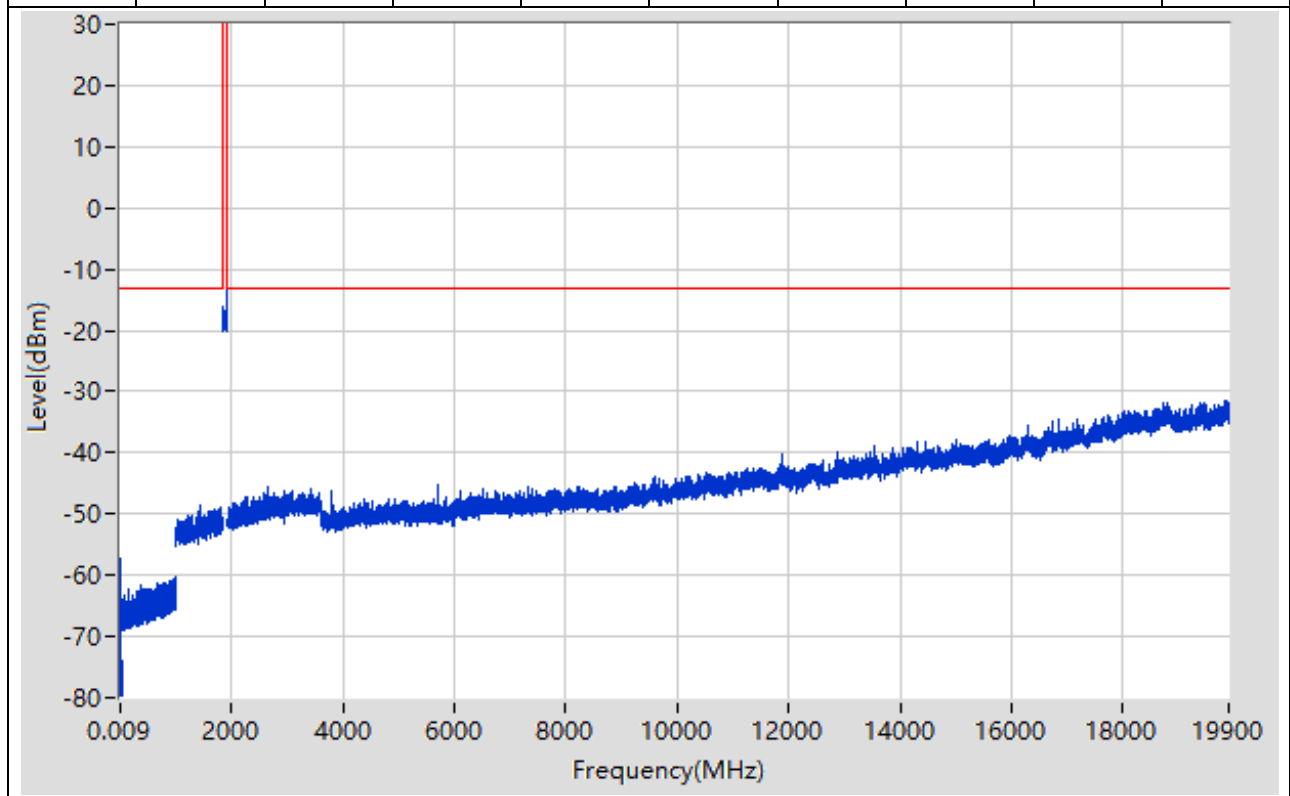
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.28	-13	44.28	Pass	401
0.15	30	0.01	RMS	0.16	-57.89	-13	44.89	Pass	2986
30	1000	0.1	RMS	834.9	-59.12	-13	46.12	Pass	9701
1000	1830	1	RMS	1746	-47.2	-13	34.2	Pass	831
1830	1930	1	RMS	1896.75	24.39	60	35.61	Pass	401
1930	3000	1	RMS	2946	-45.88	-13	32.88	Pass	1071
3000	19900	1	RMS	18669	-31.56	-13	18.56	Pass	16901



1.18. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:18, Channel:19125, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

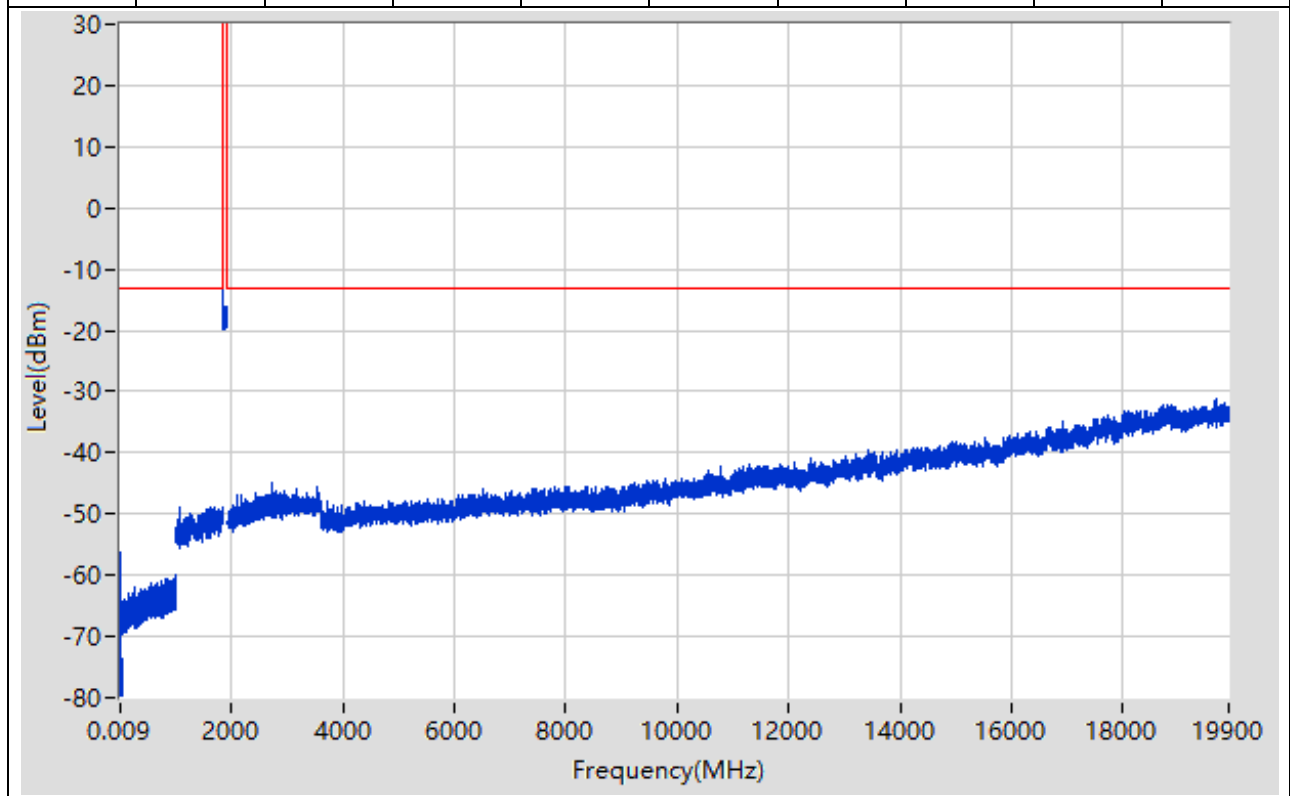
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.15	-13	44.15	Pass	401
0.15	30	0.01	RMS	0.15	-57.71	-13	44.71	Pass	2986
30	1000	0.1	RMS	989	-60.15	-13	47.15	Pass	9701
1000	1830	1	RMS	1444	-48.58	-13	35.58	Pass	831
1830	1930	1	RMS	1897	24.91	60	35.09	Pass	401
1930	3000	1	RMS	2662	-45.6	-13	32.6	Pass	1071
3000	19900	1	RMS	19846	-31.42	-13	18.42	Pass	16901



1.19. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:19, Channel:18700, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

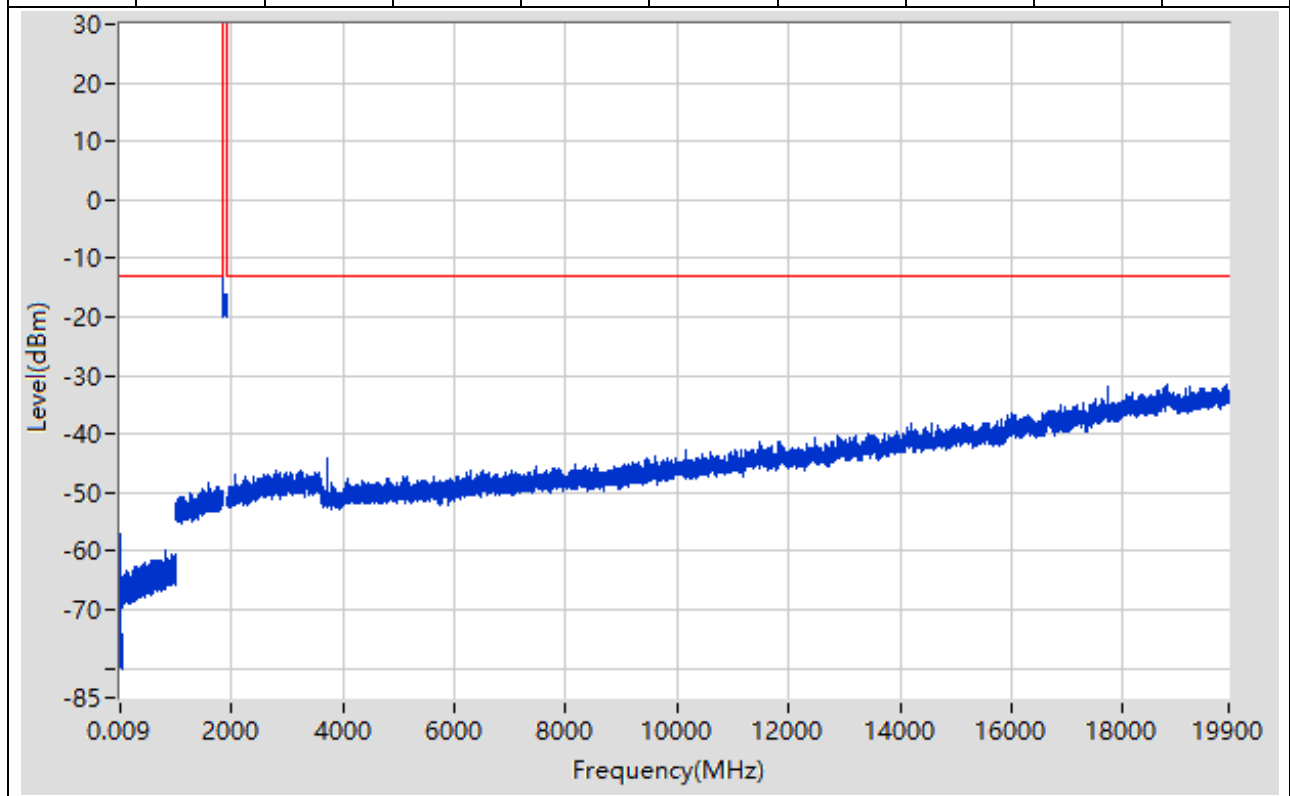
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-56.18	-13	43.18	Pass	401
0.15	30	0.01	RMS	0.15	-58.87	-13	45.87	Pass	2986
30	1000	0.1	RMS	975.1	-59.89	-13	46.89	Pass	9701
1000	1830	1	RMS	1823	-48.75	-13	35.75	Pass	831
1830	1930	1	RMS	1851.25	23.77	60	36.23	Pass	401
1930	3000	1	RMS	2724	-44.96	-13	31.96	Pass	1071
3000	19900	1	RMS	19687	-31.33	-13	18.33	Pass	16901



1.20. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:20, Channel:18700, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

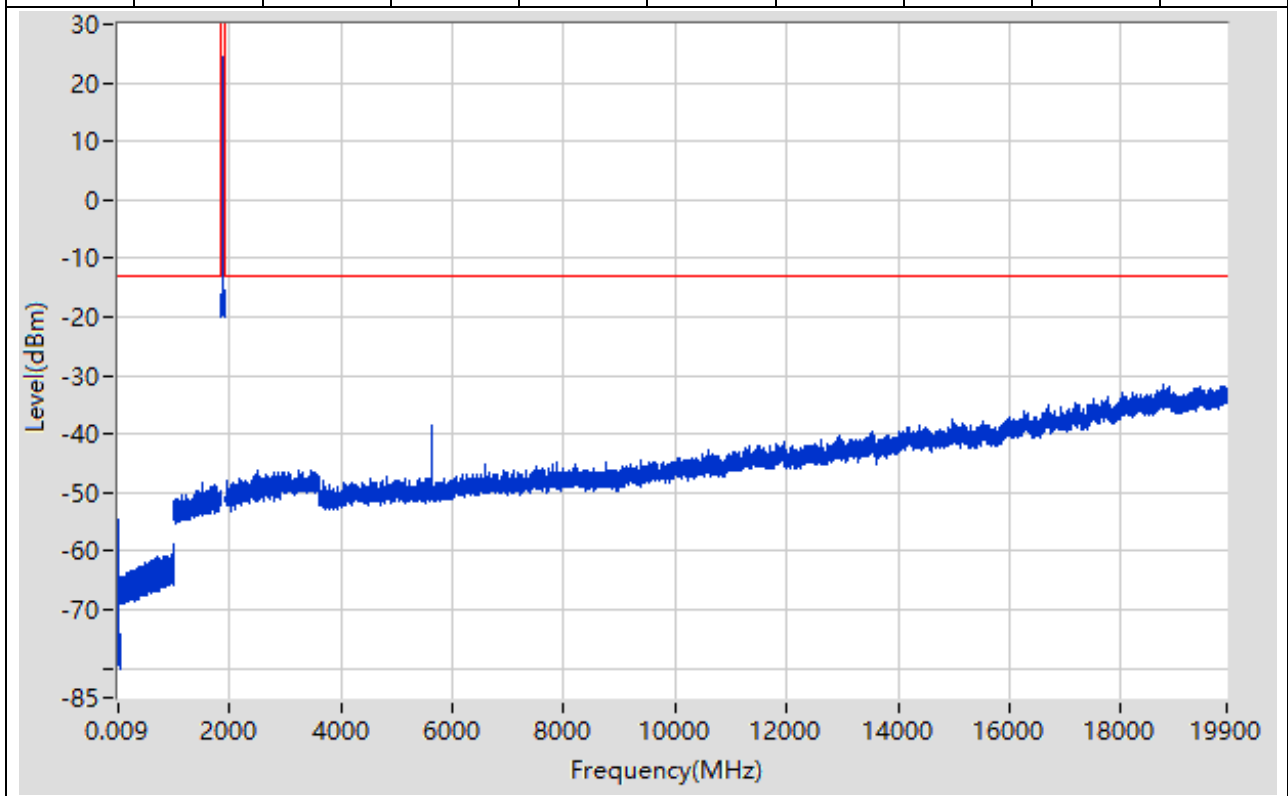
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.89	-13	43.89	Pass	401
0.15	30	0.01	RMS	0.15	-57.62	-13	44.62	Pass	2986
30	1000	0.1	RMS	795.1	-60.01	-13	47.01	Pass	9701
1000	1830	1	RMS	1568	-48.3	-13	35.3	Pass	831
1830	1930	1	RMS	1851.25	24.29	60	35.71	Pass	401
1930	3000	1	RMS	2794	-46.21	-13	33.21	Pass	1071
3000	19900	1	RMS	19879	-31.46	-13	18.46	Pass	16901



1.21. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:21, Channel:18900, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

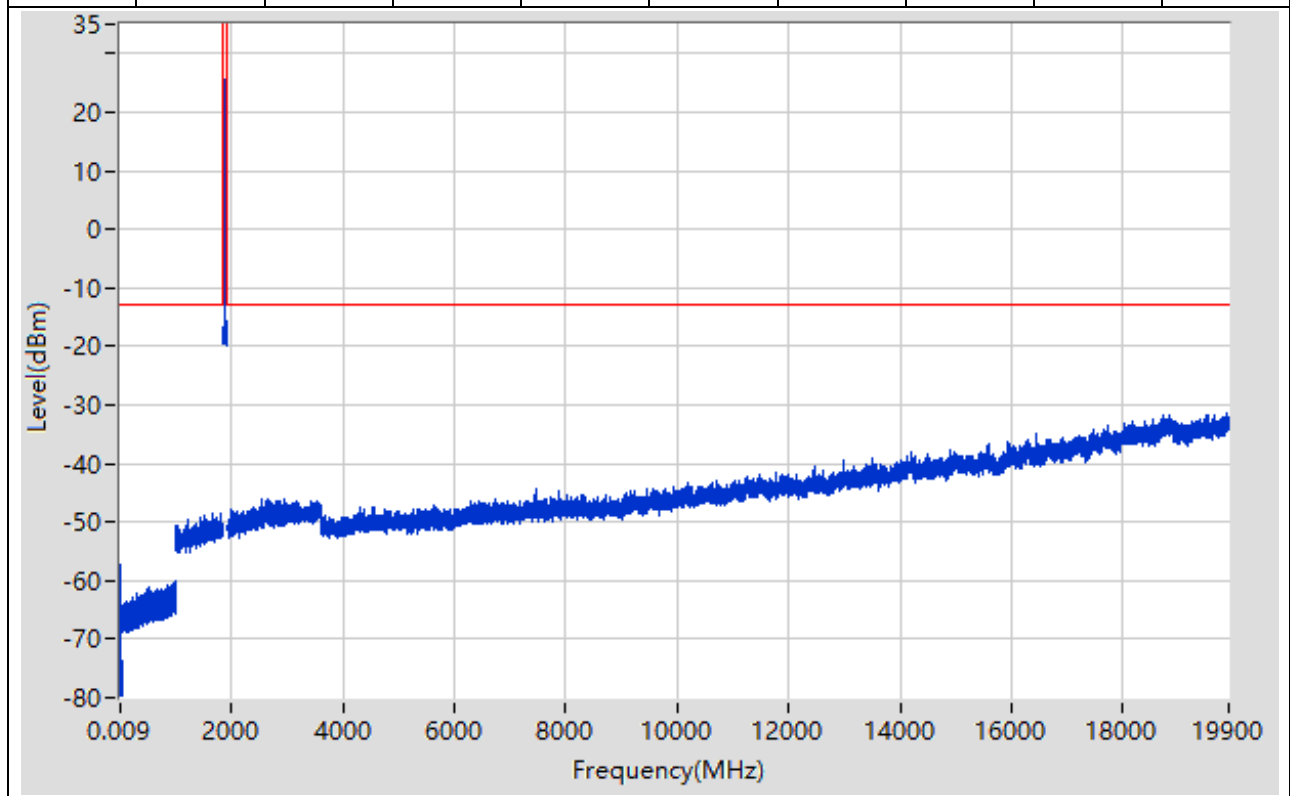
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.74	-13	41.74	Pass	401
0.15	30	0.01	RMS	0.15	-58.17	-13	45.17	Pass	2986
30	1000	0.1	RMS	978.4	-58.73	-13	45.73	Pass	9701
1000	1830	1	RMS	1520	-48.36	-13	35.36	Pass	831
1830	1930	1	RMS	1871.5	24.48	60	35.52	Pass	401
1930	3000	1	RMS	2505	-46.26	-13	33.26	Pass	1071
3000	19900	1	RMS	18759	-31.56	-13	18.56	Pass	16901



1.22. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:22, Channel:18900, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

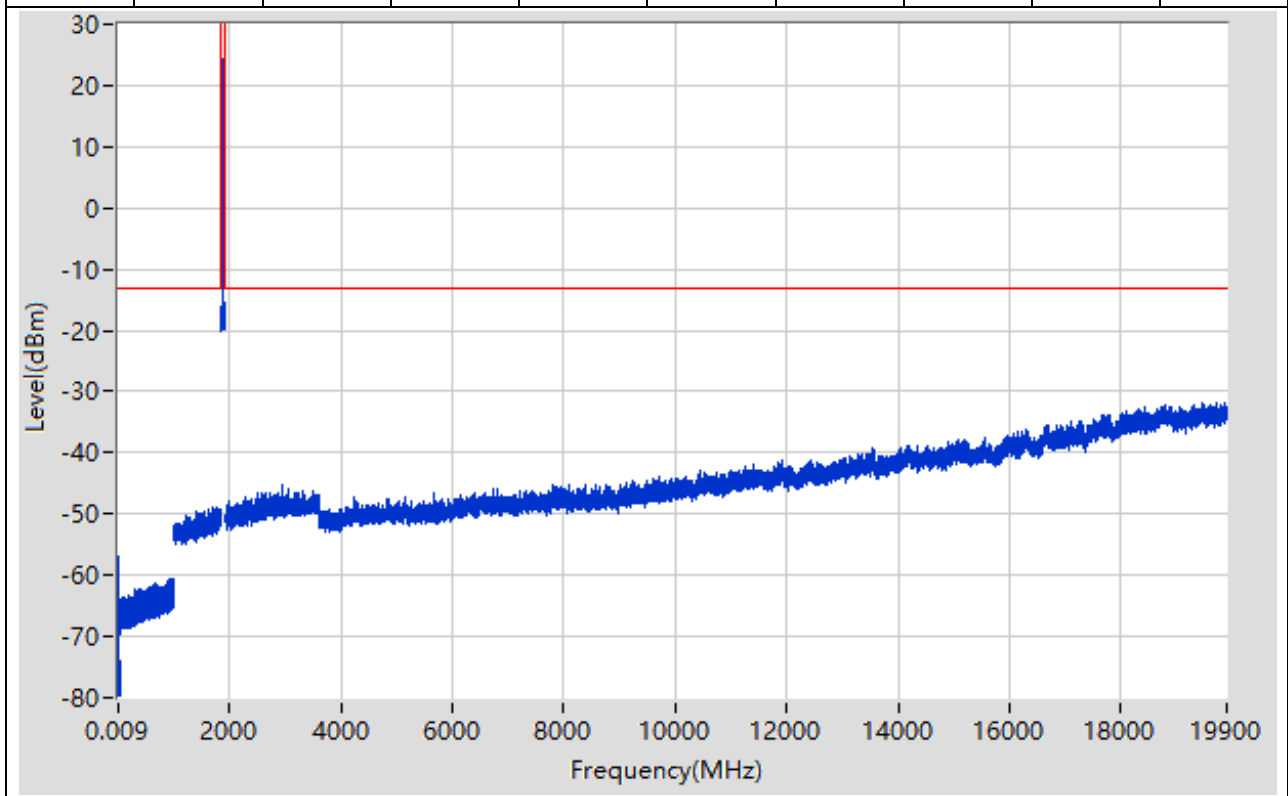
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.98	-13	44.98	Pass	401
0.15	30	0.01	RMS	0.15	-57.19	-13	44.19	Pass	2986
30	1000	0.1	RMS	992.8	-60.06	-13	47.06	Pass	9701
1000	1830	1	RMS	1662	-48.6	-13	35.6	Pass	831
1830	1930	1	RMS	1871.5	25.41	60	34.59	Pass	401
1930	3000	1	RMS	2953	-46.19	-13	33.19	Pass	1071
3000	19900	1	RMS	19849	-31.37	-13	18.37	Pass	16901



1.23. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:23, Channel:19100, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

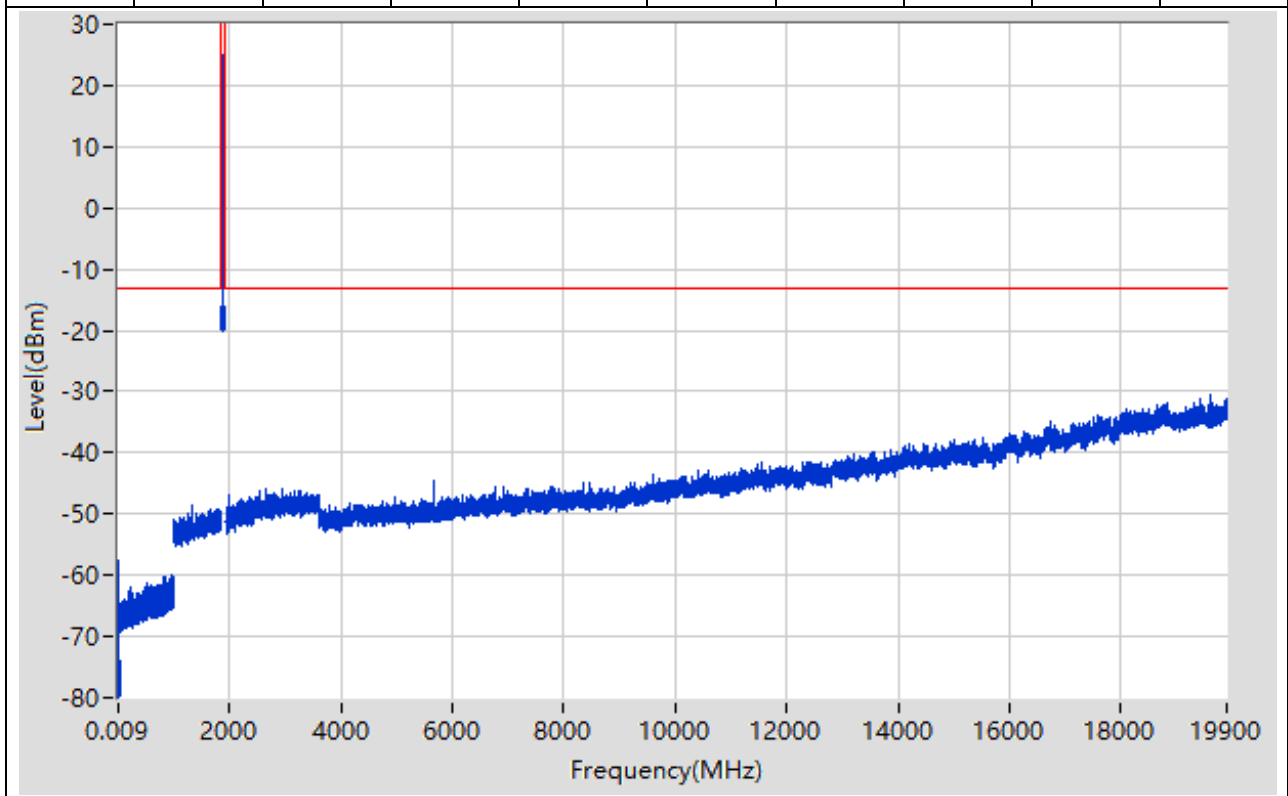
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.9	-13	43.9	Pass	401
0.15	30	0.01	RMS	0.15	-56.77	-13	43.77	Pass	2986
30	1000	0.1	RMS	954.9	-60.52	-13	47.52	Pass	9701
1000	1830	1	RMS	1759	-48.95	-13	35.95	Pass	831
1830	1930	1	RMS	1892.25	24.42	60	35.58	Pass	401
1930	3000	1	RMS	2956	-45.31	-13	32.31	Pass	1071
3000	19900	1	RMS	19731	-31.81	-13	18.81	Pass	16901



1.24. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:24, Channel:19100, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

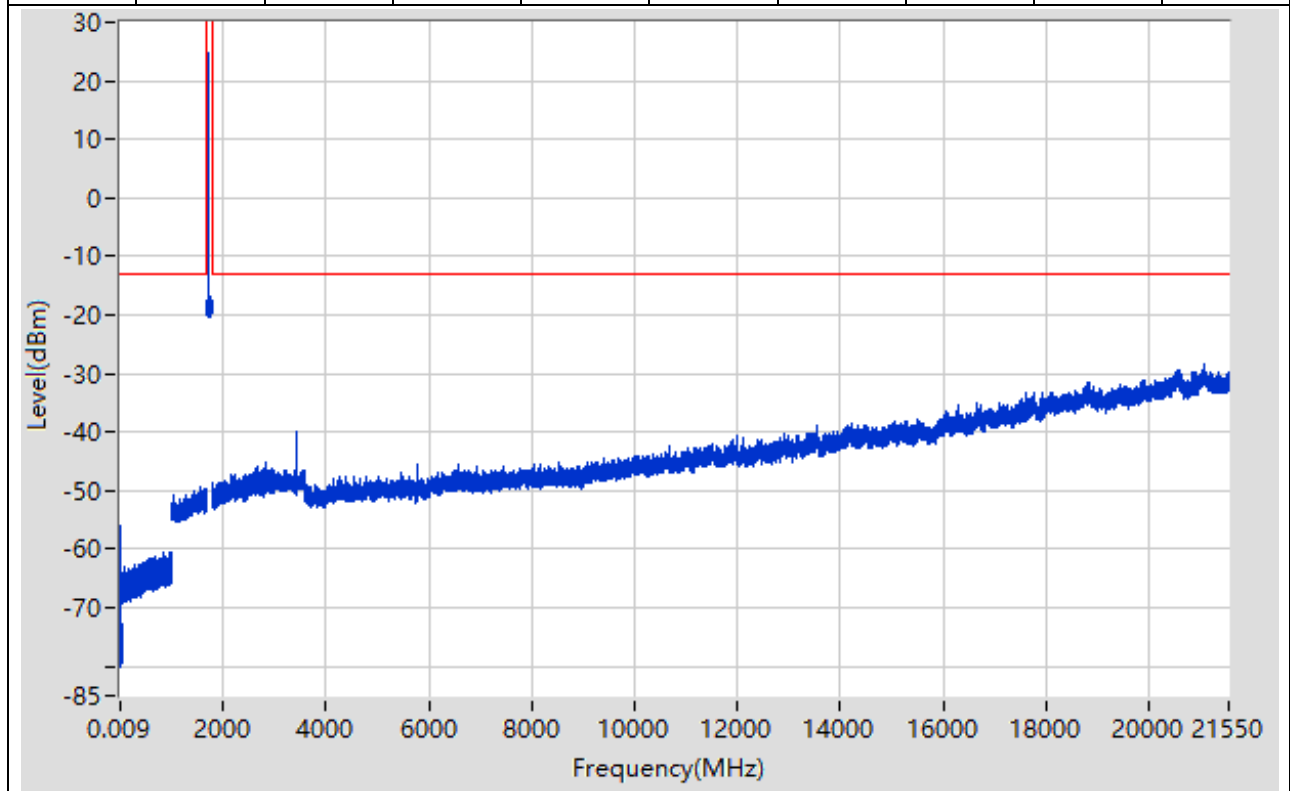
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.72	-13	44.72	Pass	401
0.15	30	0.01	RMS	0.15	-58.69	-13	45.69	Pass	2986
30	1000	0.1	RMS	970.1	-60.03	-13	47.03	Pass	9701
1000	1830	1	RMS	1326	-48.44	-13	35.44	Pass	831
1830	1930	1	RMS	1892.25	24.91	60	35.09	Pass	401
1930	3000	1	RMS	2643	-45.8	-13	32.8	Pass	1071
3000	19900	1	RMS	19611	-30.42	-13	17.42	Pass	16901



2. Cat-M_Band4

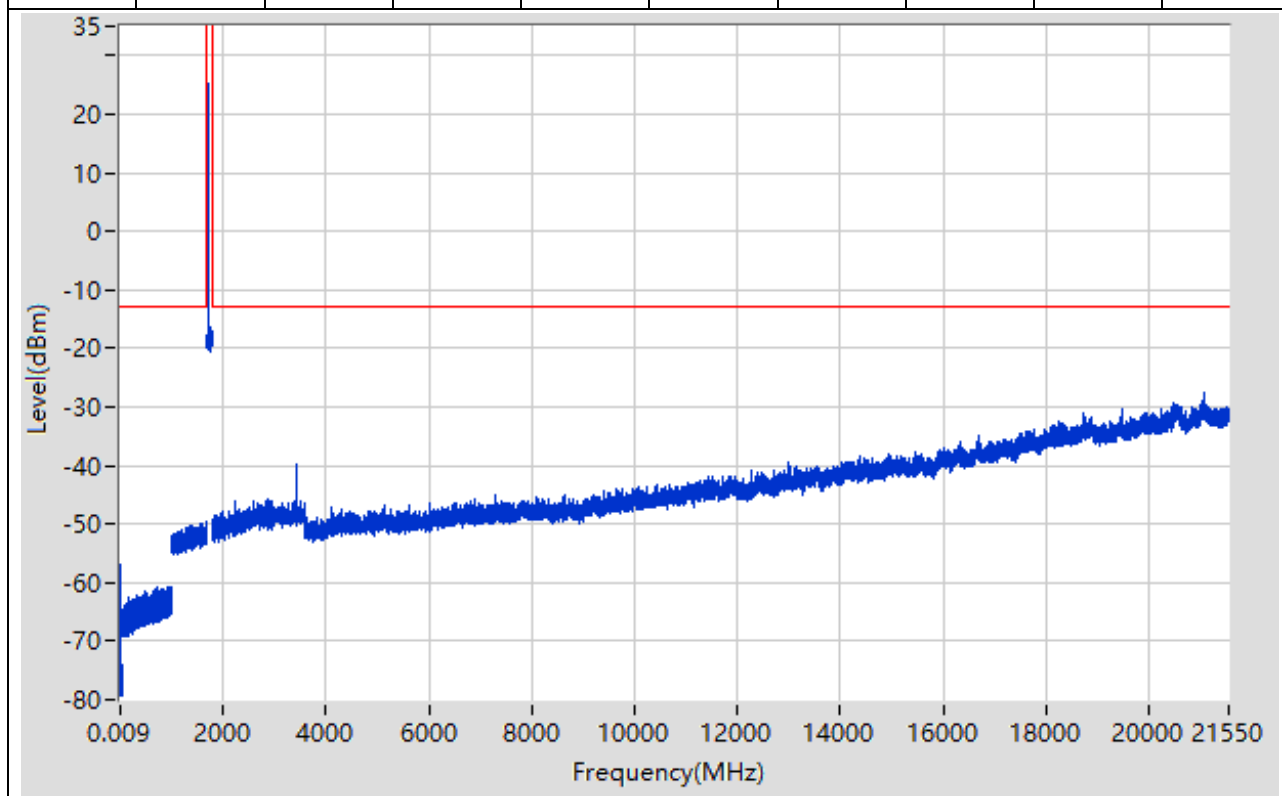
2.1. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:19975, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.97	-13	42.97	Pass	401
0.15	30	0.01	RMS	0.15	-58.01	-13	45.01	Pass	2986
30	1000	0.1	RMS	949.2	-60.5	-13	47.5	Pass	9701
1000	1690	1	RMS	1568	-49.46	-13	36.46	Pass	691
1690	1775	1	RMS	1710.4	24.87	60	35.13	Pass	401
1775	3000	1	RMS	2822	-45.28	-13	32.28	Pass	1226
3000	21550	1	RMS	21069	-28.29	-13	15.29	Pass	18551



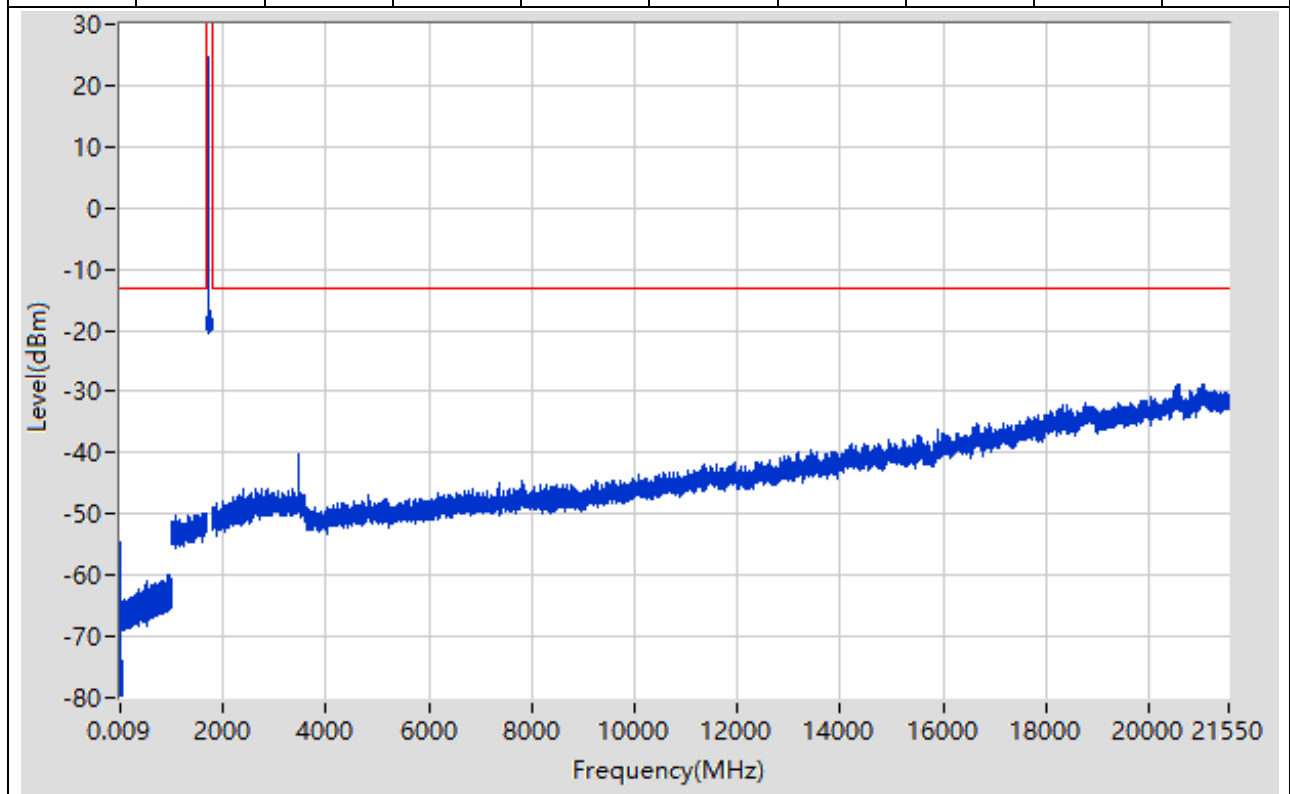
2.2. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:19975, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.78	-13	43.78	Pass	401
0.15	30	0.01	RMS	0.16	-57.1	-13	44.1	Pass	2986
30	1000	0.1	RMS	948.1	-60.6	-13	47.6	Pass	9701
1000	1690	1	RMS	1690	-49.6	-13	36.6	Pass	691
1690	1775	1	RMS	1710.4	25.24	60	34.76	Pass	401
1775	3000	1	RMS	2858	-45.84	-13	32.84	Pass	1226
3000	21550	1	RMS	21086	-27.42	-13	14.42	Pass	18551



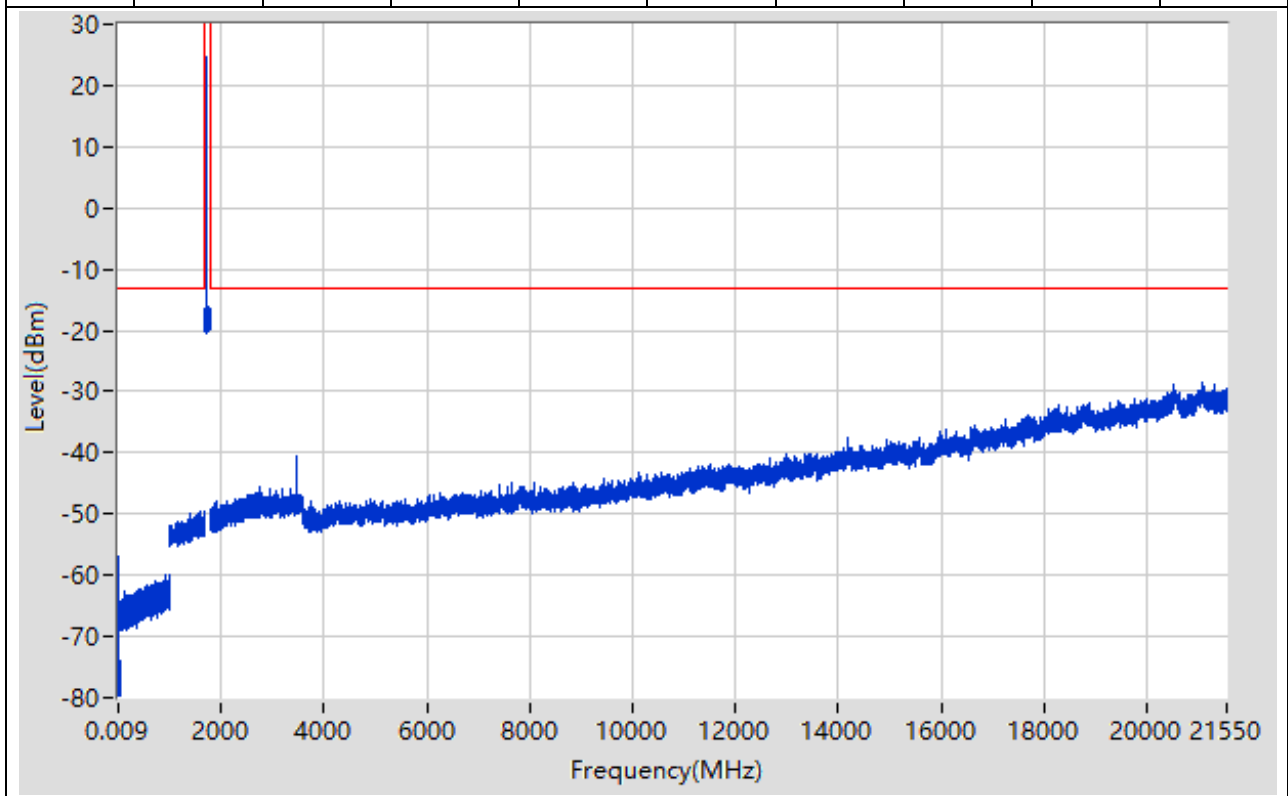
2.3. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.75	-13	41.75	Pass	401
0.15	30	0.01	RMS	0.15	-58.34	-13	45.34	Pass	2986
30	1000	0.1	RMS	928.6	-59.86	-13	46.86	Pass	9701
1000	1690	1	RMS	1612	-49.74	-13	36.74	Pass	691
1690	1775	1	RMS	1730.375	24.72	60	35.28	Pass	401
1775	3000	1	RMS	2763	-45.85	-13	32.85	Pass	1226
3000	21550	1	RMS	21060	-28.7	-13	15.7	Pass	18551



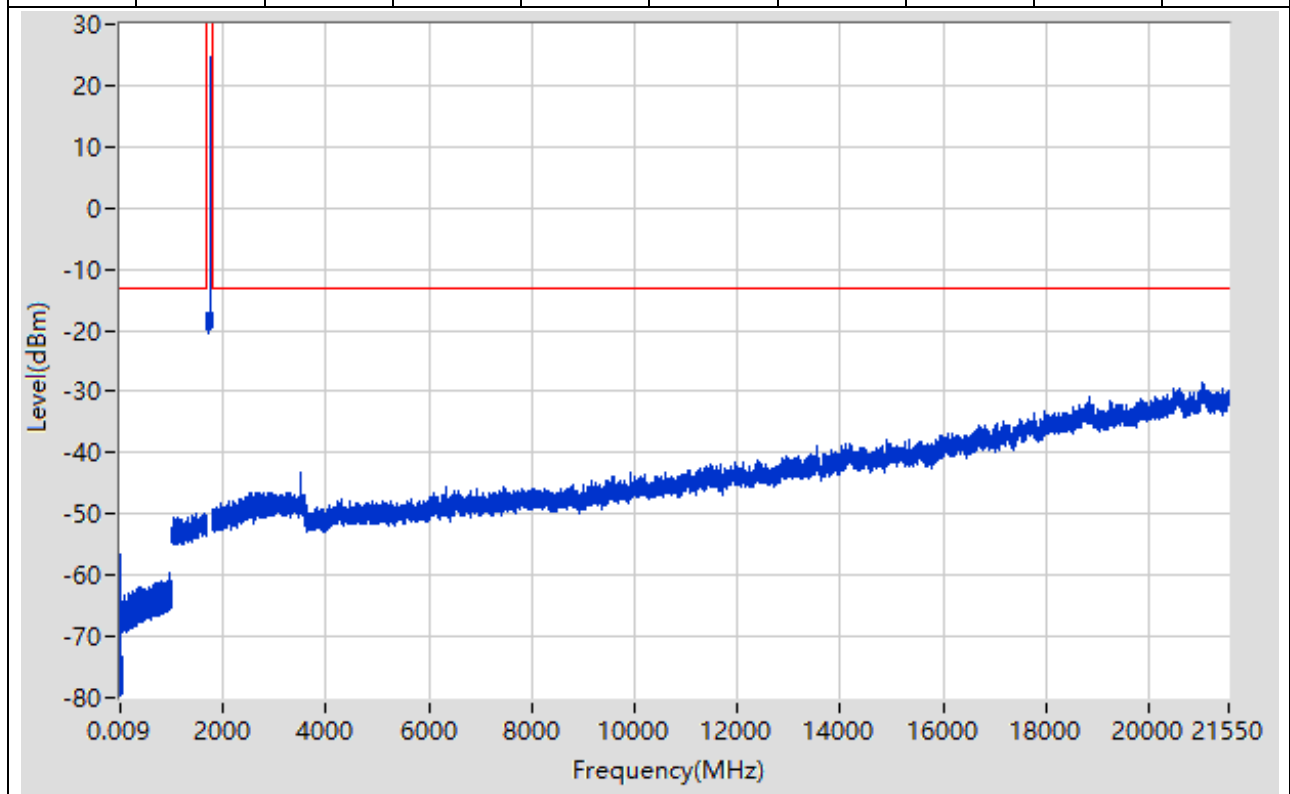
2.4. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.99	-13	43.99	Pass	401
0.15	30	0.01	RMS	0.15	-59.06	-13	46.06	Pass	2986
30	1000	0.1	RMS	908	-59.84	-13	46.84	Pass	9701
1000	1690	1	RMS	1579	-49.45	-13	36.45	Pass	691
1690	1775	1	RMS	1730.375	24.8	60	35.2	Pass	401
1775	3000	1	RMS	2735	-45.65	-13	32.65	Pass	1226
3000	21550	1	RMS	21085	-28.66	-13	15.66	Pass	18551



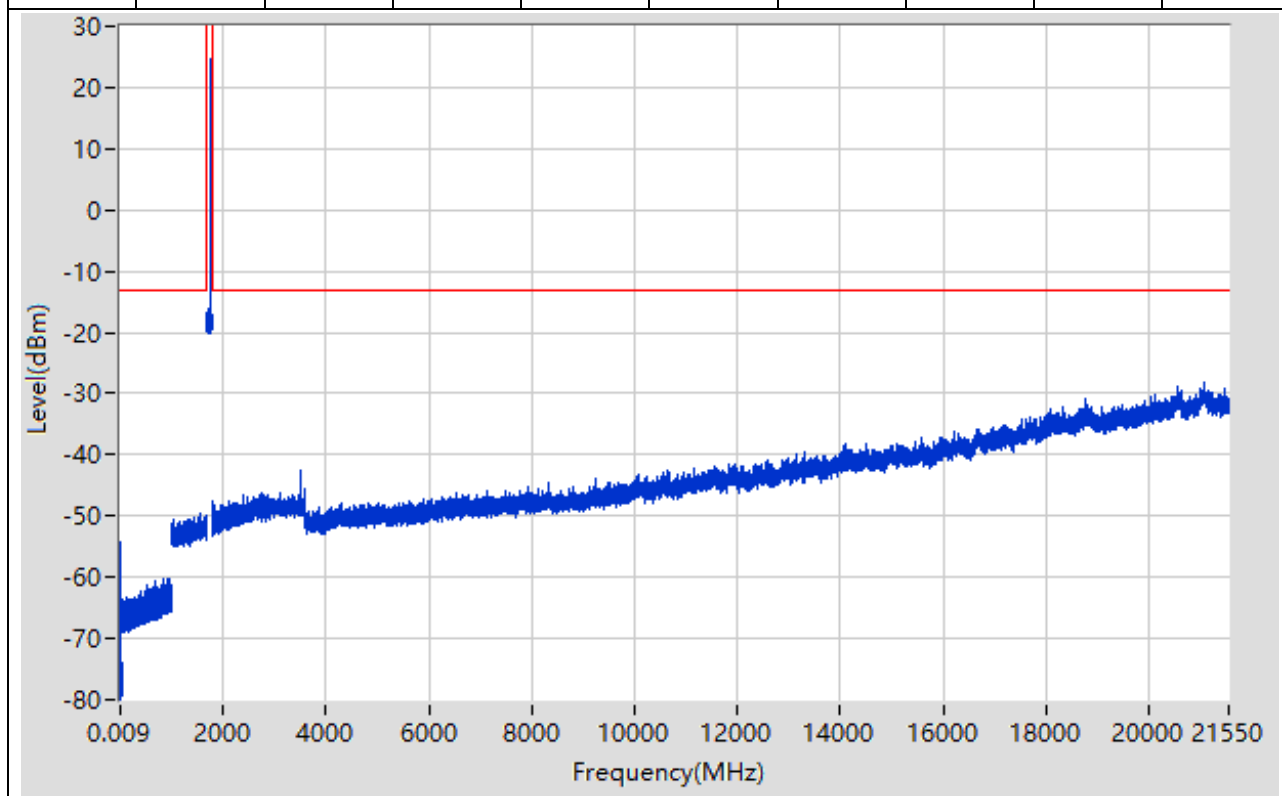
2.5. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:20375, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-56.46	-13	43.46	Pass	401
0.15	30	0.01	RMS	0.15	-56.75	-13	43.75	Pass	2986
30	1000	0.1	RMS	947.4	-59.57	-13	46.57	Pass	9701
1000	1690	1	RMS	1641	-49.82	-13	36.82	Pass	691
1690	1775	1	RMS	1751.2	24.71	60	35.29	Pass	401
1775	3000	1	RMS	2691	-46.52	-13	33.52	Pass	1226
3000	21550	1	RMS	21051	-28.52	-13	15.52	Pass	18551



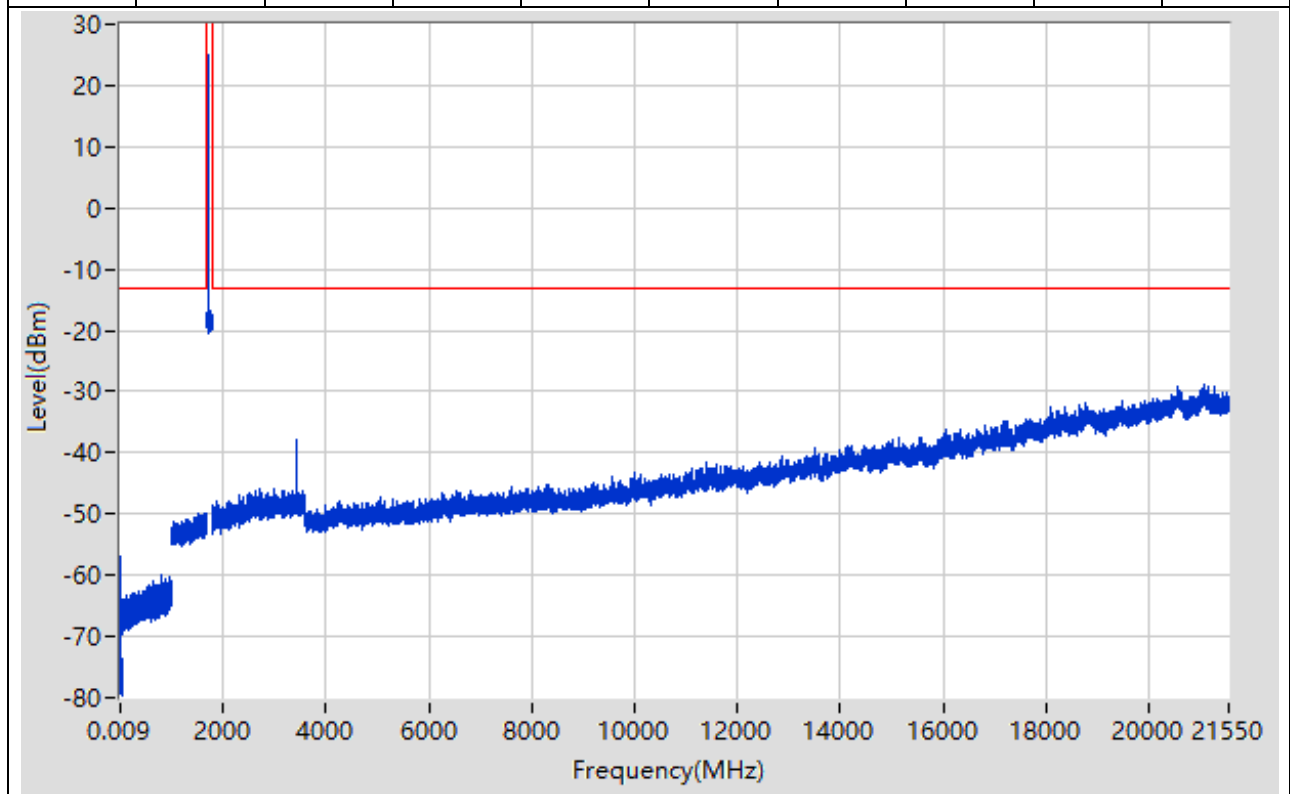
2.6. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:20375, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.1	-13	41.1	Pass	401
0.15	30	0.01	RMS	0.16	-59.81	-13	46.81	Pass	2986
30	1000	0.1	RMS	846.4	-60.24	-13	47.24	Pass	9701
1000	1690	1	RMS	1546	-49.5	-13	36.5	Pass	691
1690	1775	1	RMS	1751.2	24.77	60	35.23	Pass	401
1775	3000	1	RMS	2747	-46.38	-13	33.38	Pass	1226
3000	21550	1	RMS	21072	-28.31	-13	15.31	Pass	18551



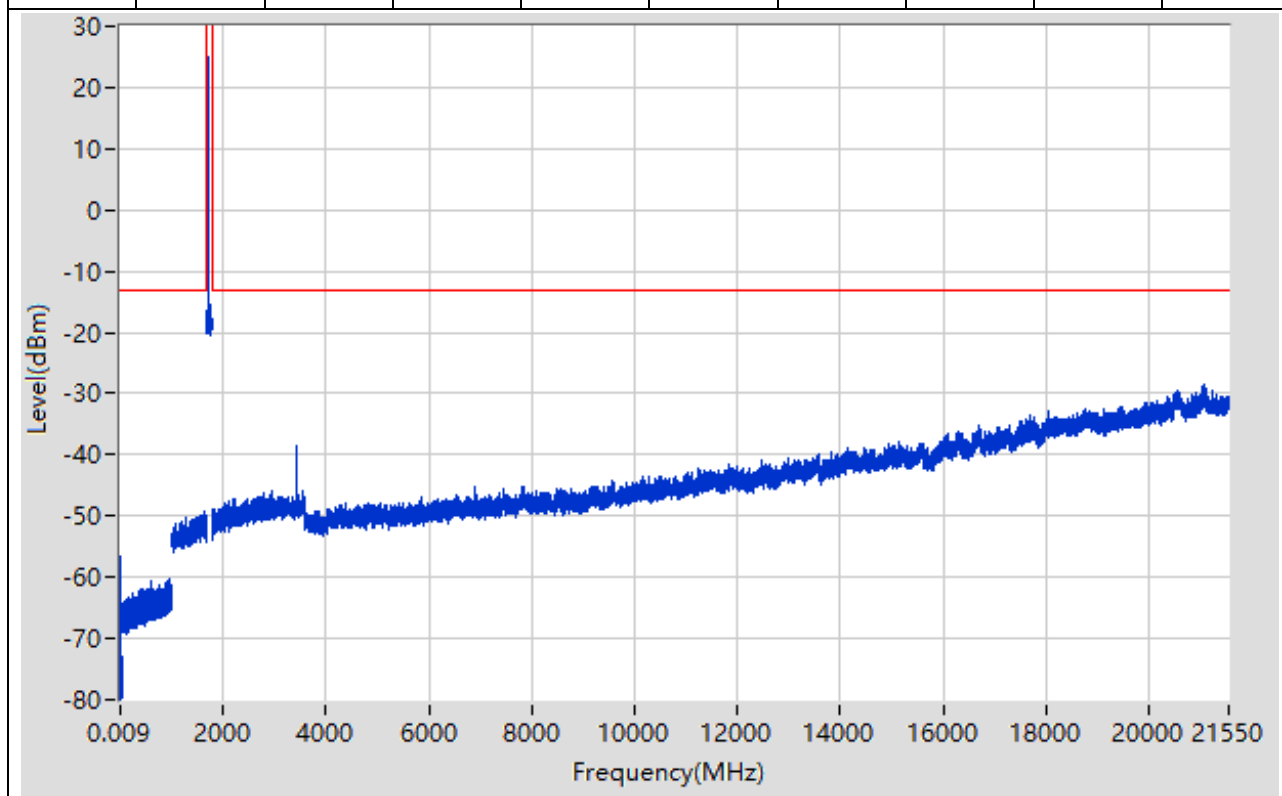
2.7. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:20000, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.05	-13	44.05	Pass	401
0.15	30	0.01	RMS	0.16	-58.46	-13	45.46	Pass	2986
30	1000	0.1	RMS	806.5	-59.82	-13	46.82	Pass	9701
1000	1690	1	RMS	1508	-49.96	-13	36.96	Pass	691
1690	1775	1	RMS	1710.825	24.99	60	35.01	Pass	401
1775	3000	1	RMS	2724	-46	-13	33	Pass	1226
3000	21550	1	RMS	21074	-29.01	-13	16.01	Pass	18551



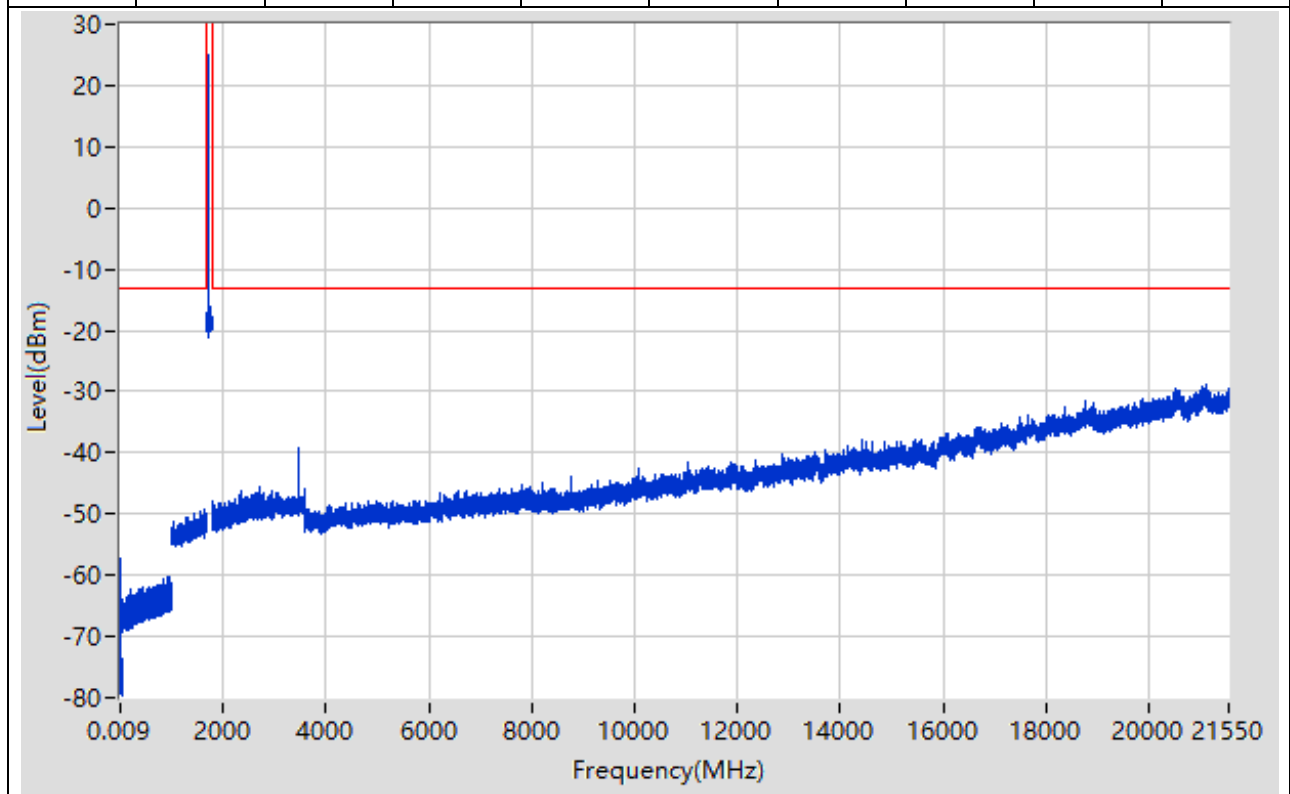
2.8. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:20000, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-56.67	-13	43.67	Pass	401
0.15	30	0.01	RMS	0.15	-60.07	-13	47.07	Pass	2986
30	1000	0.1	RMS	950.8	-60.3	-13	47.3	Pass	9701
1000	1690	1	RMS	1620	-49.3	-13	36.3	Pass	691
1690	1775	1	RMS	1710.613	24.88	60	35.12	Pass	401
1775	3000	1	RMS	2956	-45.8	-13	32.8	Pass	1226
3000	21550	1	RMS	21084	-28.56	-13	15.56	Pass	18551



2.9. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:20175, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

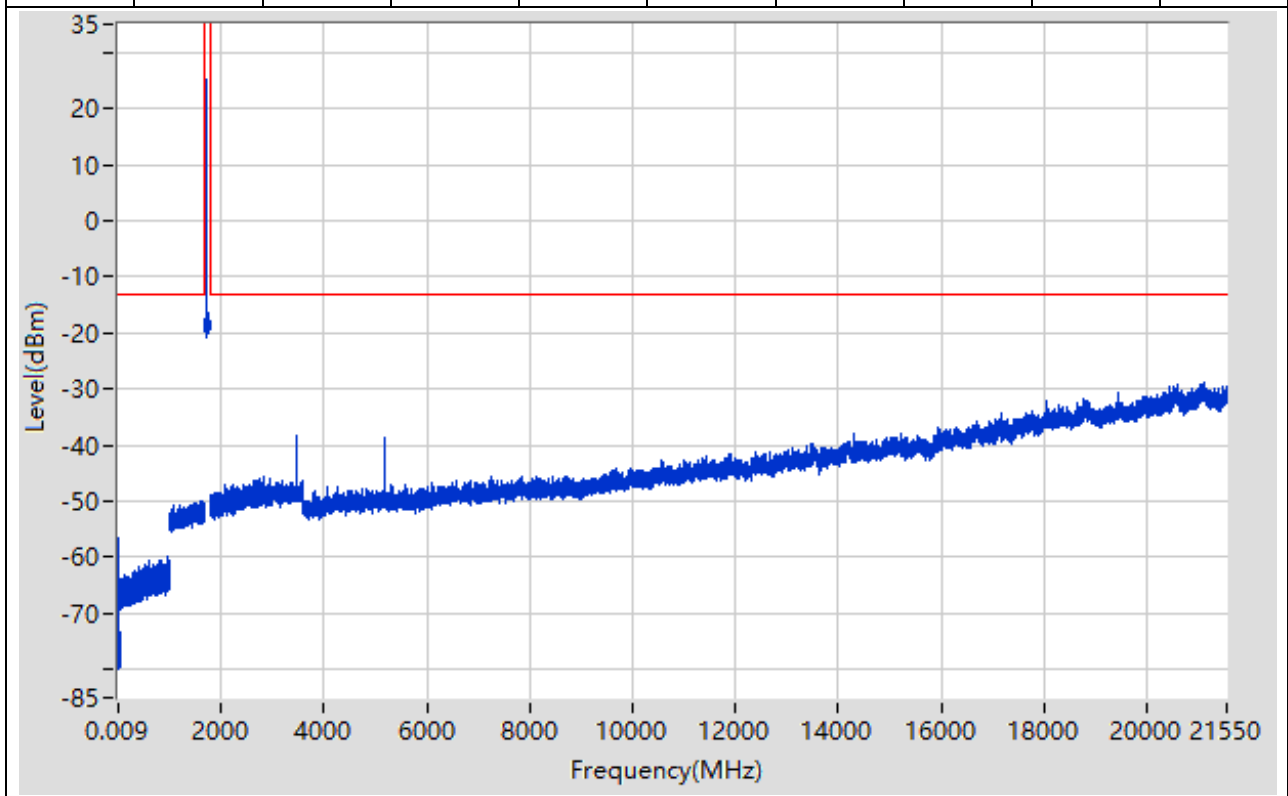
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.33	-13	44.33	Pass	401
0.15	30	0.01	RMS	0.15	-59.83	-13	46.83	Pass	2986
30	1000	0.1	RMS	974.4	-60.17	-13	47.17	Pass	9701
1000	1690	1	RMS	1645	-49.18	-13	36.18	Pass	691
1690	1775	1	RMS	1728.25	24.94	60	35.06	Pass	401
1775	3000	1	RMS	2706	-45.61	-13	32.61	Pass	1226
3000	21550	1	RMS	21110	-28.74	-13	15.74	Pass	18551



2.10. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:20175, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

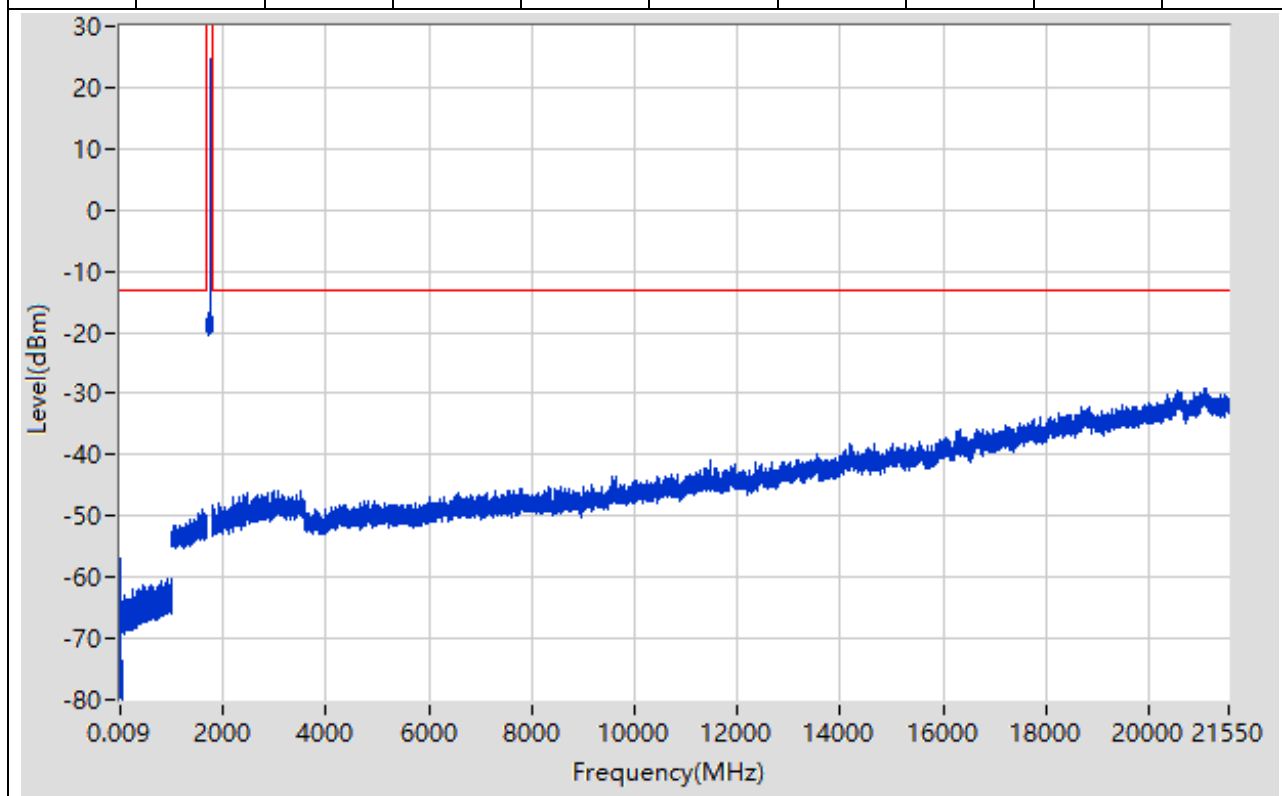
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.73	-13	43.73	Pass	401
0.15	30	0.01	RMS	0.15	-58.89	-13	45.89	Pass	2986
30	1000	0.1	RMS	954.6	-59.93	-13	46.93	Pass	9701
1000	1690	1	RMS	1594	-49.92	-13	36.92	Pass	691
1690	1775	1	RMS	1728.25	25.3	60	34.7	Pass	401
1775	3000	1	RMS	2838	-45.54	-13	32.54	Pass	1226
3000	21550	1	RMS	21093	-28.99	-13	15.99	Pass	18551



2.11. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:11, Channel:20350, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

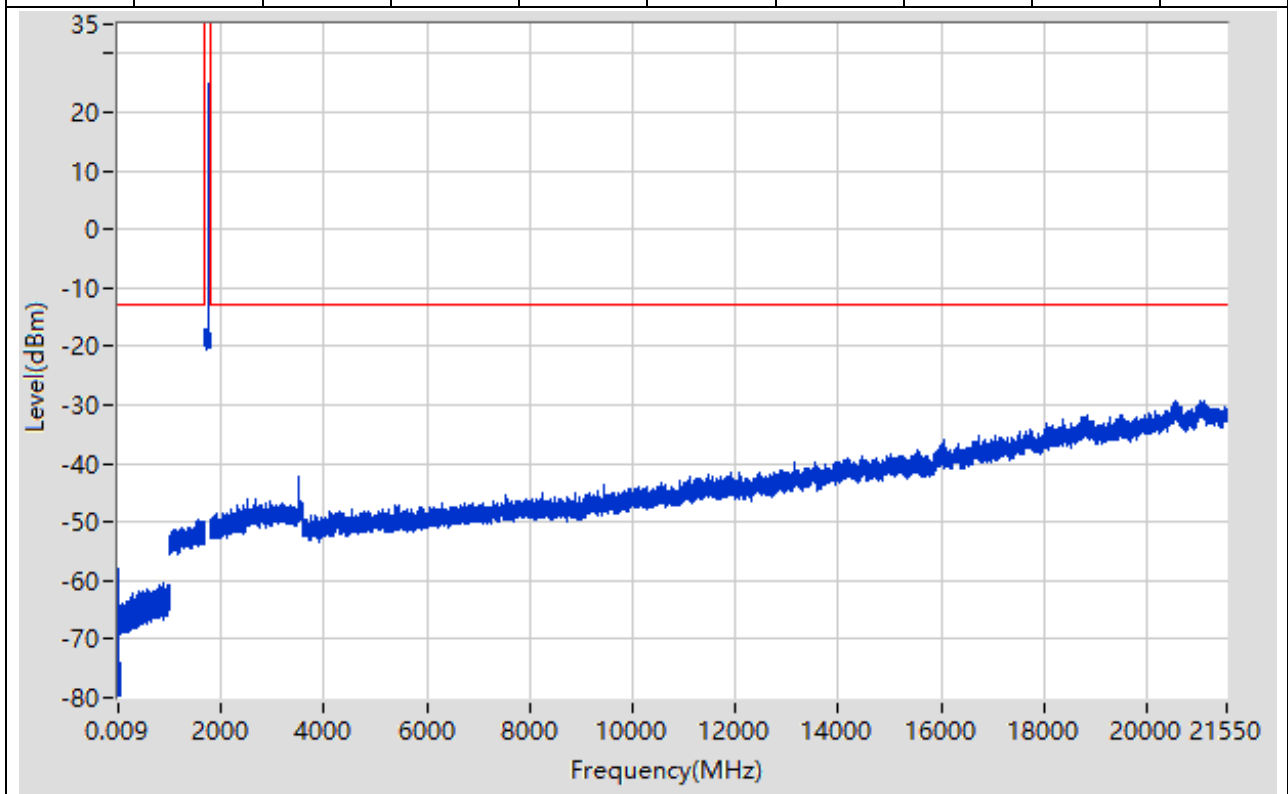
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-56.9	-13	43.9	Pass	401
0.15	30	0.01	RMS	0.15	-58.63	-13	45.63	Pass	2986
30	1000	0.1	RMS	978.1	-60.33	-13	47.33	Pass	9701
1000	1690	1	RMS	1611	-48.87	-13	35.87	Pass	691
1690	1775	1	RMS	1746.738	24.67	60	35.33	Pass	401
1775	3000	1	RMS	2987	-46.05	-13	33.05	Pass	1226
3000	21550	1	RMS	21093	-29.04	-13	16.04	Pass	18551



2.12. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:12, Channel:20350, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

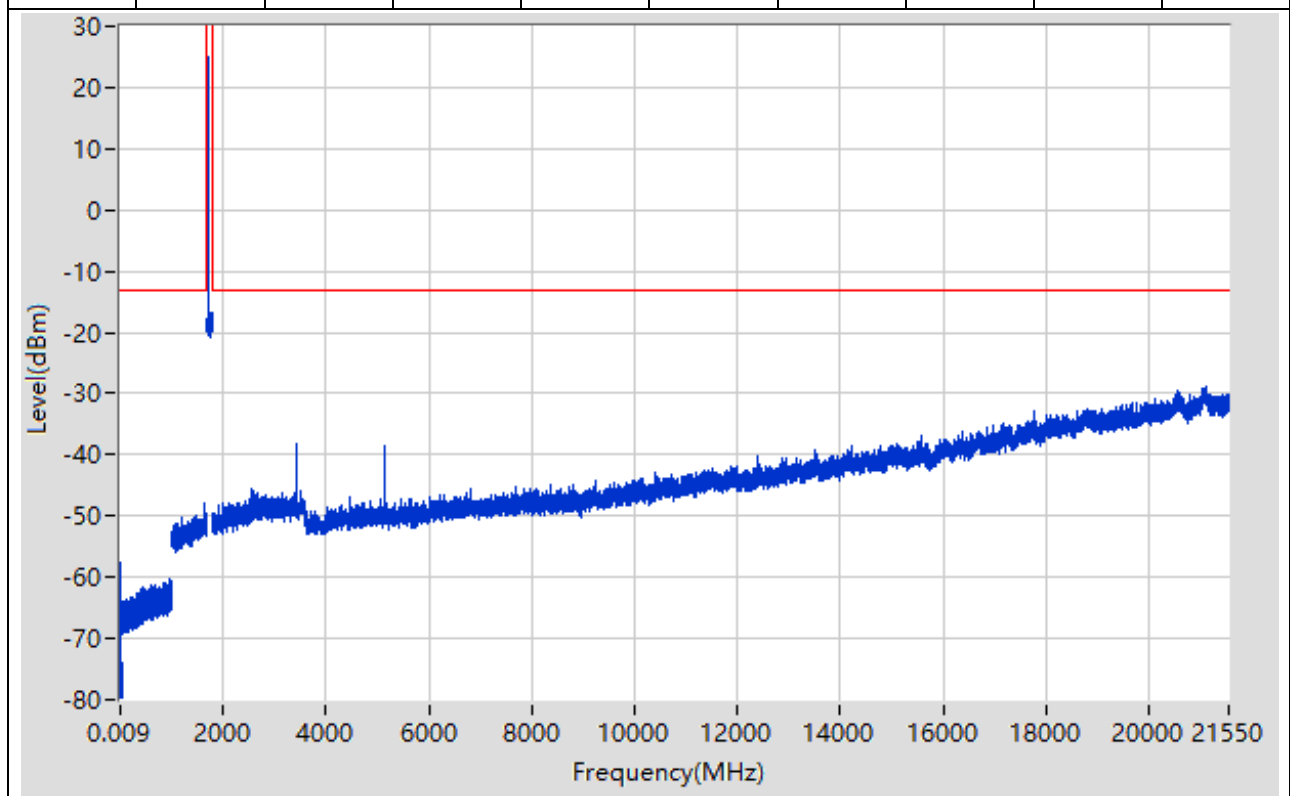
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.91	-13	44.91	Pass	401
0.15	30	0.01	RMS	0.15	-58.76	-13	45.76	Pass	2986
30	1000	0.1	RMS	884.5	-60.56	-13	47.56	Pass	9701
1000	1690	1	RMS	1541	-49.52	-13	36.52	Pass	691
1690	1775	1	RMS	1746.525	25.03	60	34.97	Pass	401
1775	3000	1	RMS	2521	-45.98	-13	32.98	Pass	1226
3000	21550	1	RMS	21035	-29.34	-13	16.34	Pass	18551



2.13. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:13, Channel:20025, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

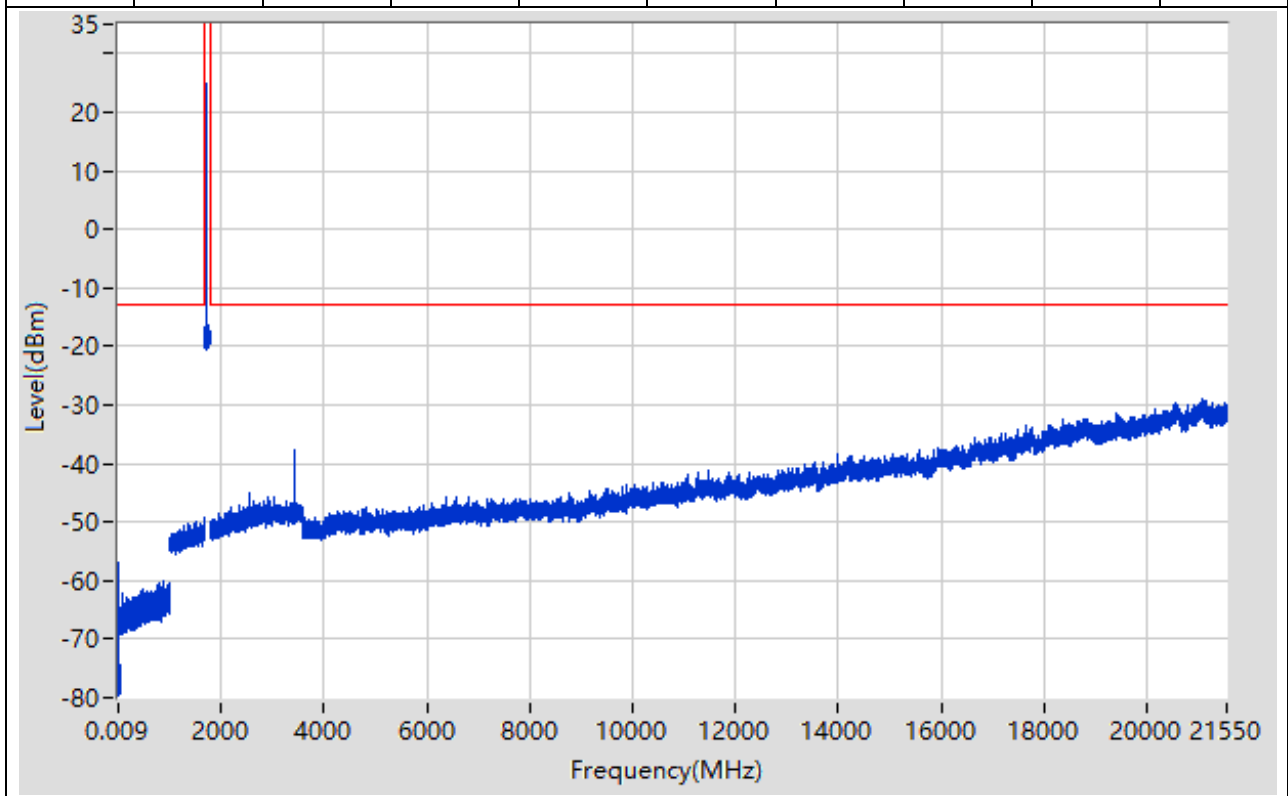
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.7	-13	44.7	Pass	401
0.15	30	0.01	RMS	0.15	-58.96	-13	45.96	Pass	2986
30	1000	0.1	RMS	961.9	-60.29	-13	47.29	Pass	9701
1000	1690	1	RMS	1639	-48.06	-13	35.06	Pass	691
1690	1775	1	RMS	1711.25	24.96	60	35.04	Pass	401
1775	3000	1	RMS	2549	-45.72	-13	32.72	Pass	1226
3000	21550	1	RMS	21111	-28.75	-13	15.75	Pass	18551



2.14. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:14, Channel:20025, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

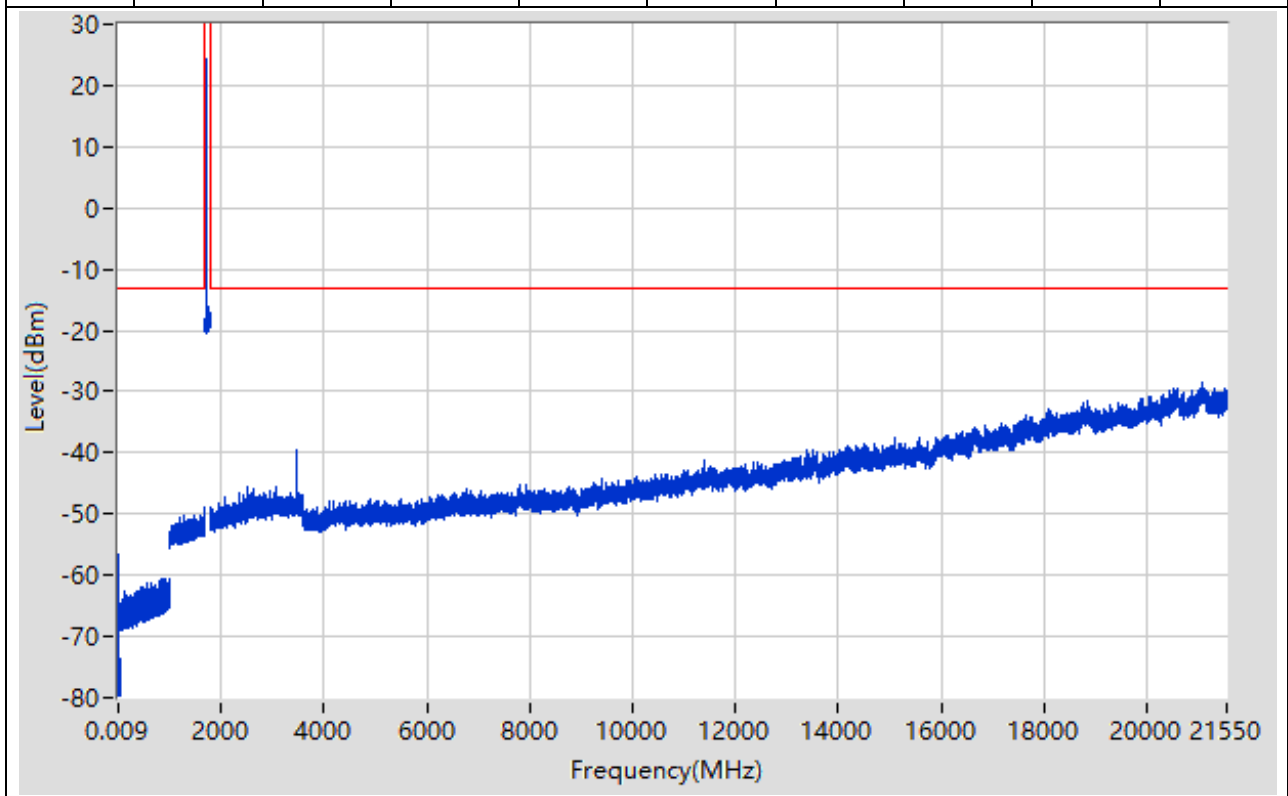
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57	-13	44	Pass	401
0.15	30	0.01	RMS	0.15	-58.52	-13	45.52	Pass	2986
30	1000	0.1	RMS	870.4	-60.2	-13	47.2	Pass	9701
1000	1690	1	RMS	1686	-49.11	-13	36.11	Pass	691
1690	1775	1	RMS	1710.825	25.03	60	34.97	Pass	401
1775	3000	1	RMS	2564	-45.07	-13	32.07	Pass	1226
3000	21550	1	RMS	21070	-29.03	-13	16.03	Pass	18551



2.15. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:15, Channel:20175, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

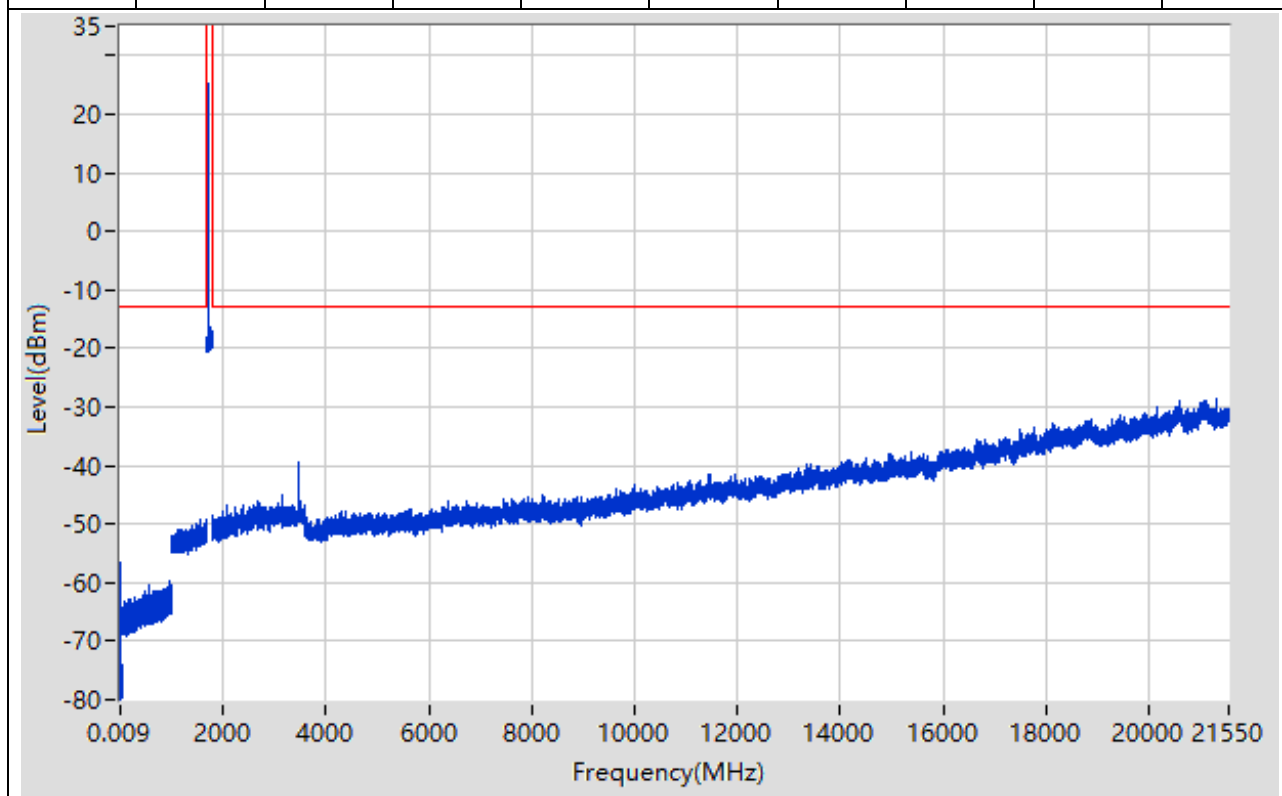
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.45	-13	43.45	Pass	401
0.15	30	0.01	RMS	0.15	-58.6	-13	45.6	Pass	2986
30	1000	0.1	RMS	911.5	-60.65	-13	47.65	Pass	9701
1000	1690	1	RMS	1662	-48.95	-13	35.95	Pass	691
1690	1775	1	RMS	1725.913	24.16	60	35.84	Pass	401
1775	3000	1	RMS	2497	-45.45	-13	32.45	Pass	1226
3000	21550	1	RMS	21066	-28.62	-13	15.62	Pass	18551



2.16. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

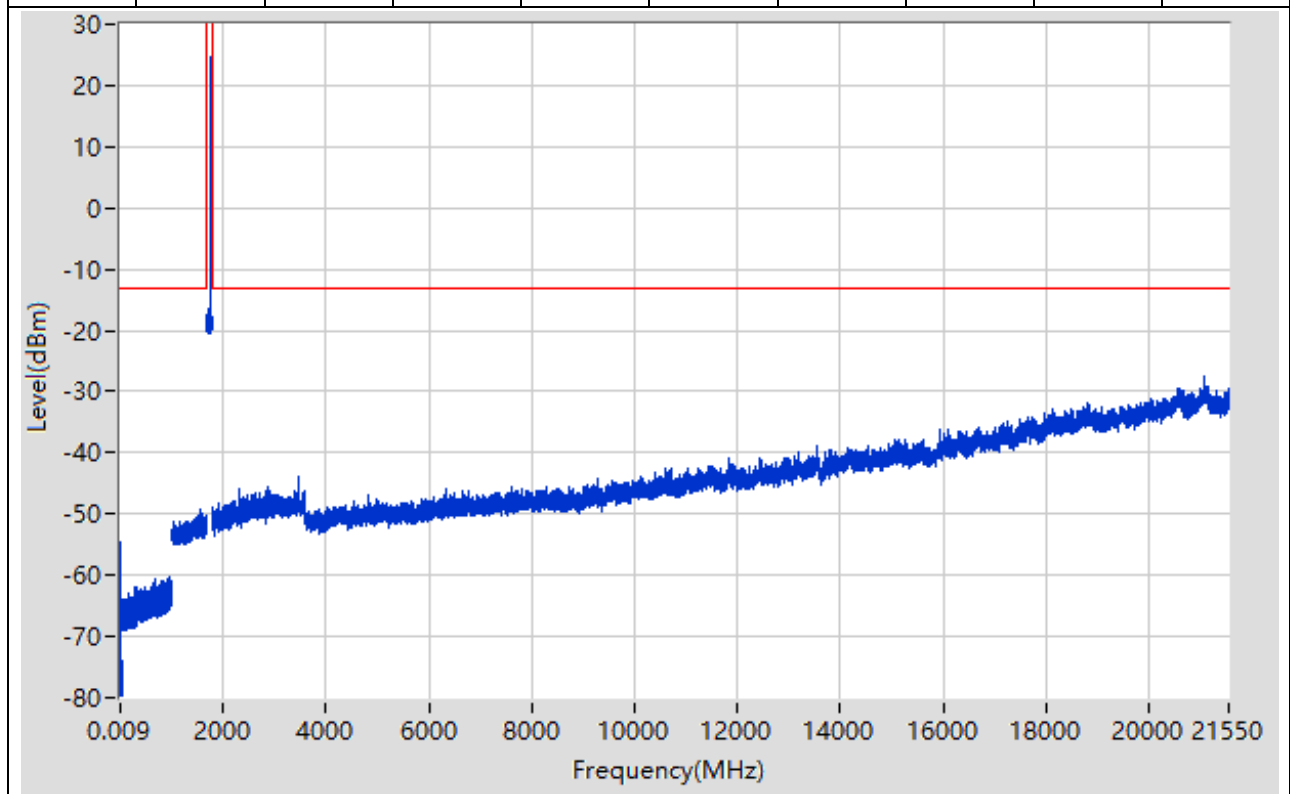
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.43	-13	43.43	Pass	401
0.15	30	0.01	RMS	0.15	-58.33	-13	45.33	Pass	2986
30	1000	0.1	RMS	965.1	-59.72	-13	46.72	Pass	9701
1000	1690	1	RMS	1682	-49.22	-13	36.22	Pass	691
1690	1775	1	RMS	1725.913	25.1	60	34.9	Pass	401
1775	3000	1	RMS	2678	-46.16	-13	33.16	Pass	1226
3000	21550	1	RMS	21313	-28.6	-13	15.6	Pass	18551



2.17. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:17, Channel:20325, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

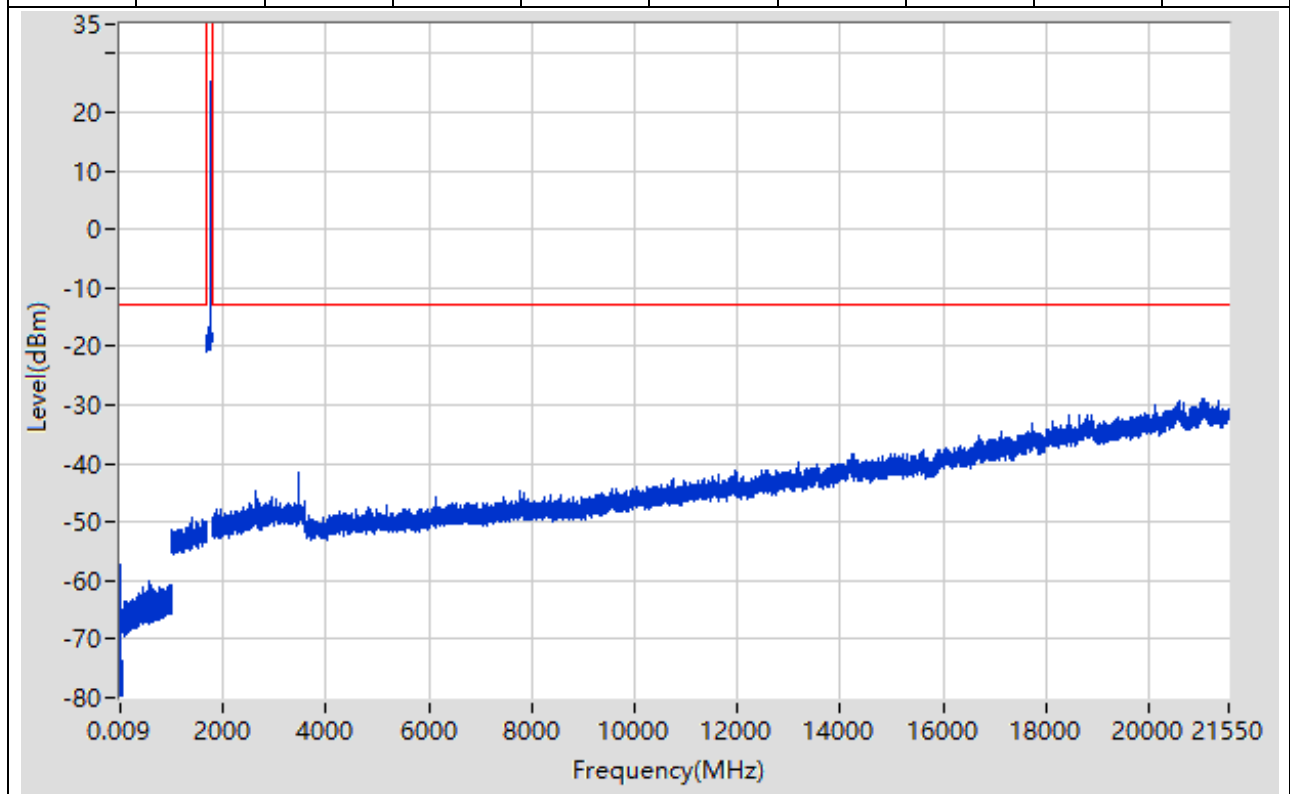
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.47	-13	41.47	Pass	401
0.15	30	0.01	RMS	0.15	-58.93	-13	45.93	Pass	2986
30	1000	0.1	RMS	944.2	-60.34	-13	47.34	Pass	9701
1000	1690	1	RMS	1537	-49.31	-13	36.31	Pass	691
1690	1775	1	RMS	1741.85	24.67	60	35.33	Pass	401
1775	3000	1	RMS	2854	-45.67	-13	32.67	Pass	1226
3000	21550	1	RMS	21088	-27.62	-13	14.62	Pass	18551



2.18. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:18, Channel:20325, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

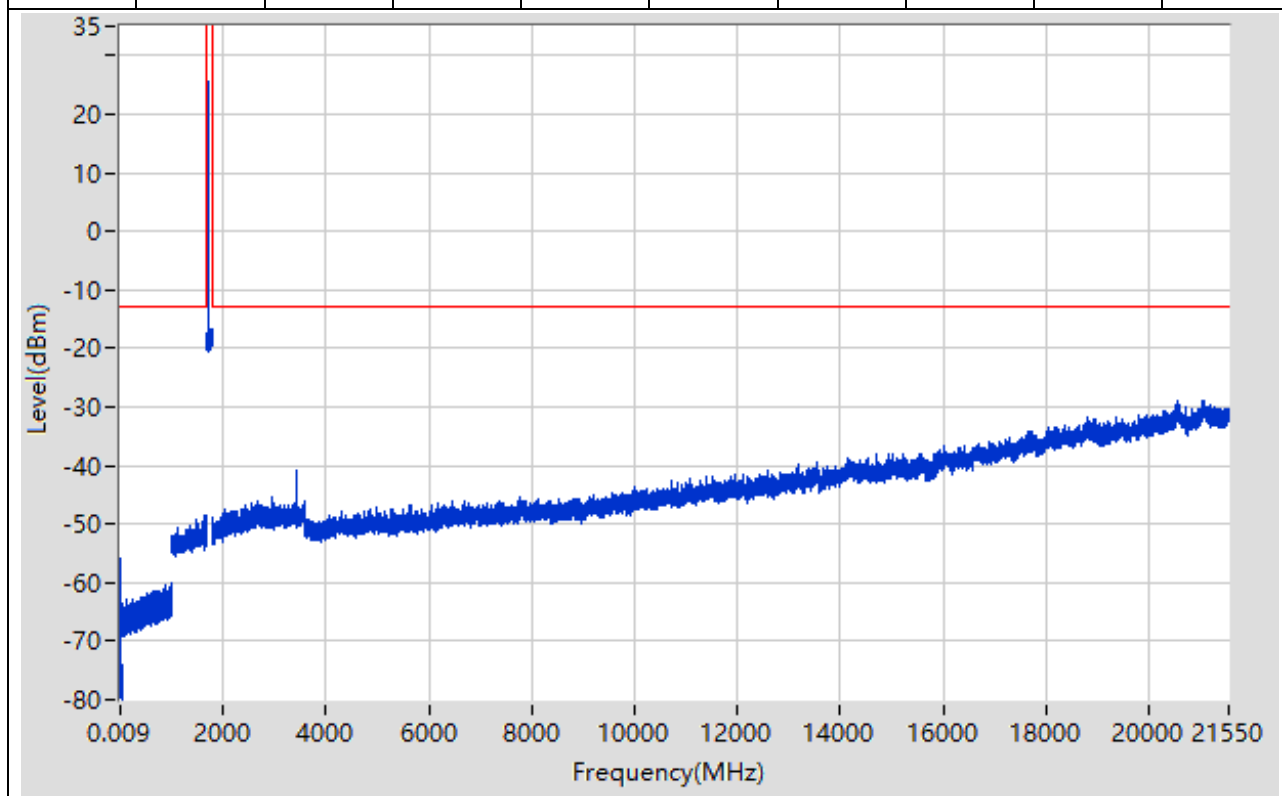
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-57.12	-13	44.12	Pass	401
0.15	30	0.01	RMS	0.15	-58.05	-13	45.05	Pass	2986
30	1000	0.1	RMS	559.3	-60.09	-13	47.09	Pass	9701
1000	1690	1	RMS	1400	-49.4	-13	36.4	Pass	691
1690	1775	1	RMS	1741.85	25.28	60	34.72	Pass	401
1775	3000	1	RMS	2615	-44.65	-13	31.65	Pass	1226
3000	21550	1	RMS	21052	-28.92	-13	15.92	Pass	18551



2.19. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:19, Channel:20050, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

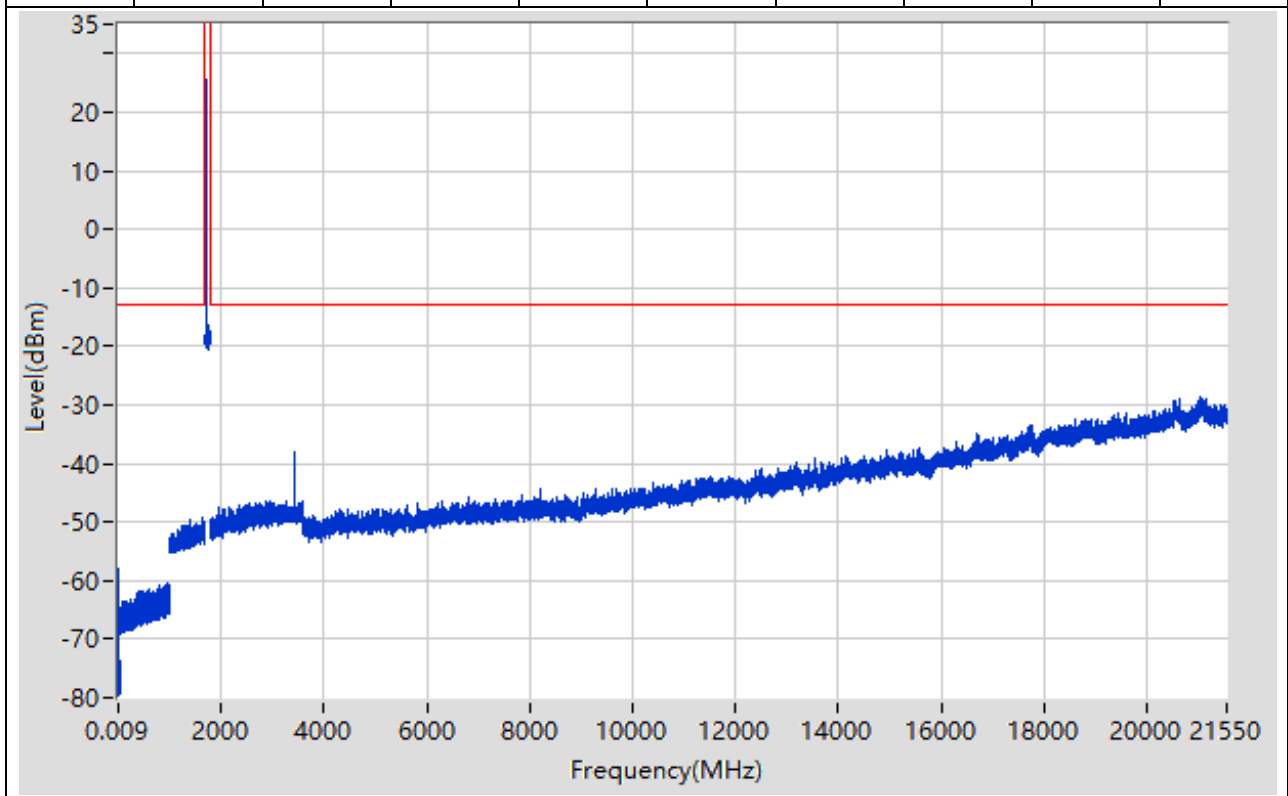
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.88	-13	42.88	Pass	401
0.15	30	0.01	RMS	0.15	-58.5	-13	45.5	Pass	2986
30	1000	0.1	RMS	981.9	-60.11	-13	47.11	Pass	9701
1000	1690	1	RMS	1687	-48.67	-13	35.67	Pass	691
1690	1775	1	RMS	1711.463	25.4	60	34.6	Pass	401
1775	3000	1	RMS	2951	-45.3	-13	32.3	Pass	1226
3000	21550	1	RMS	21021	-28.88	-13	15.88	Pass	18551



2.20. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:20, Channel:20050, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

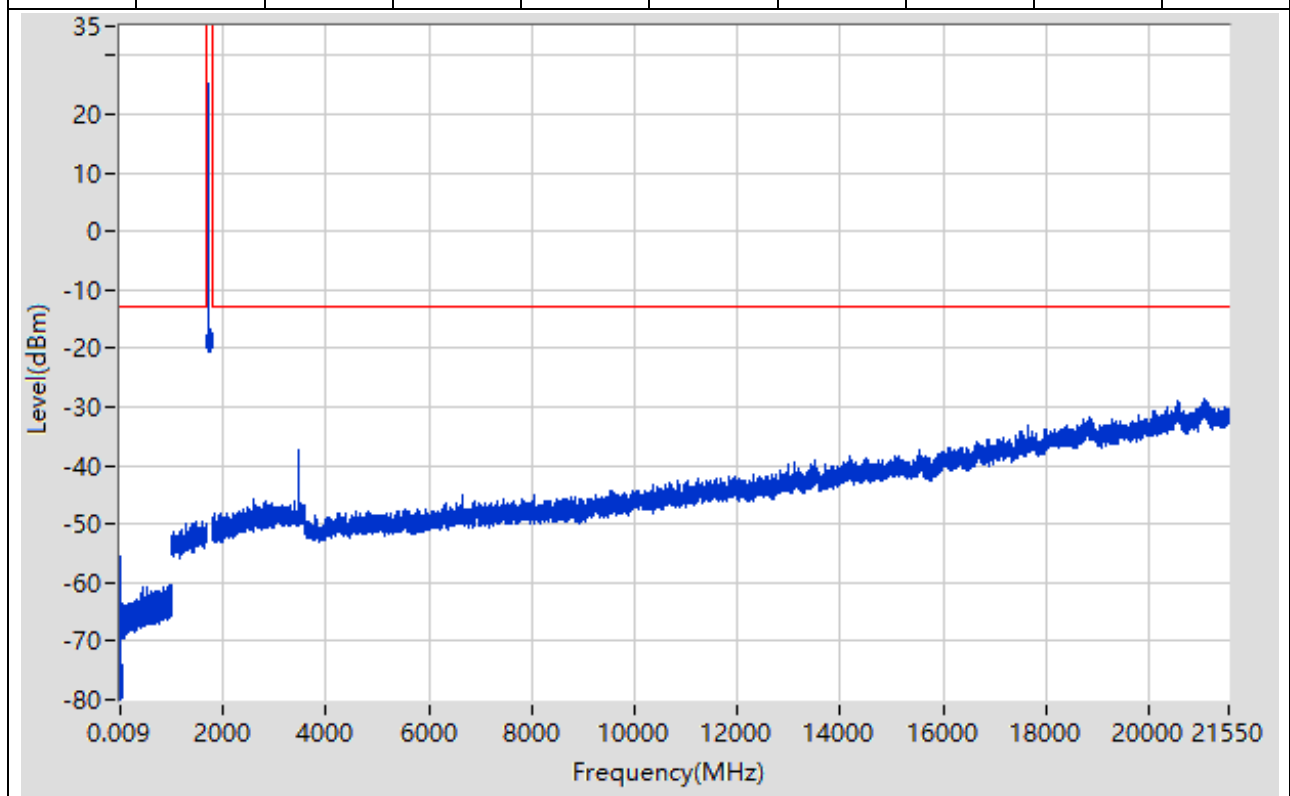
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.95	-13	44.95	Pass	401
0.15	30	0.01	RMS	0.15	-59.42	-13	46.42	Pass	2986
30	1000	0.1	RMS	950.7	-60.4	-13	47.4	Pass	9701
1000	1690	1	RMS	1622	-49.14	-13	36.14	Pass	691
1690	1775	1	RMS	1711.463	25.62	60	34.38	Pass	401
1775	3000	1	RMS	2960	-46.47	-13	33.47	Pass	1226
3000	21550	1	RMS	21045	-28.47	-13	15.47	Pass	18551



2.21. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:21, Channel:20175, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

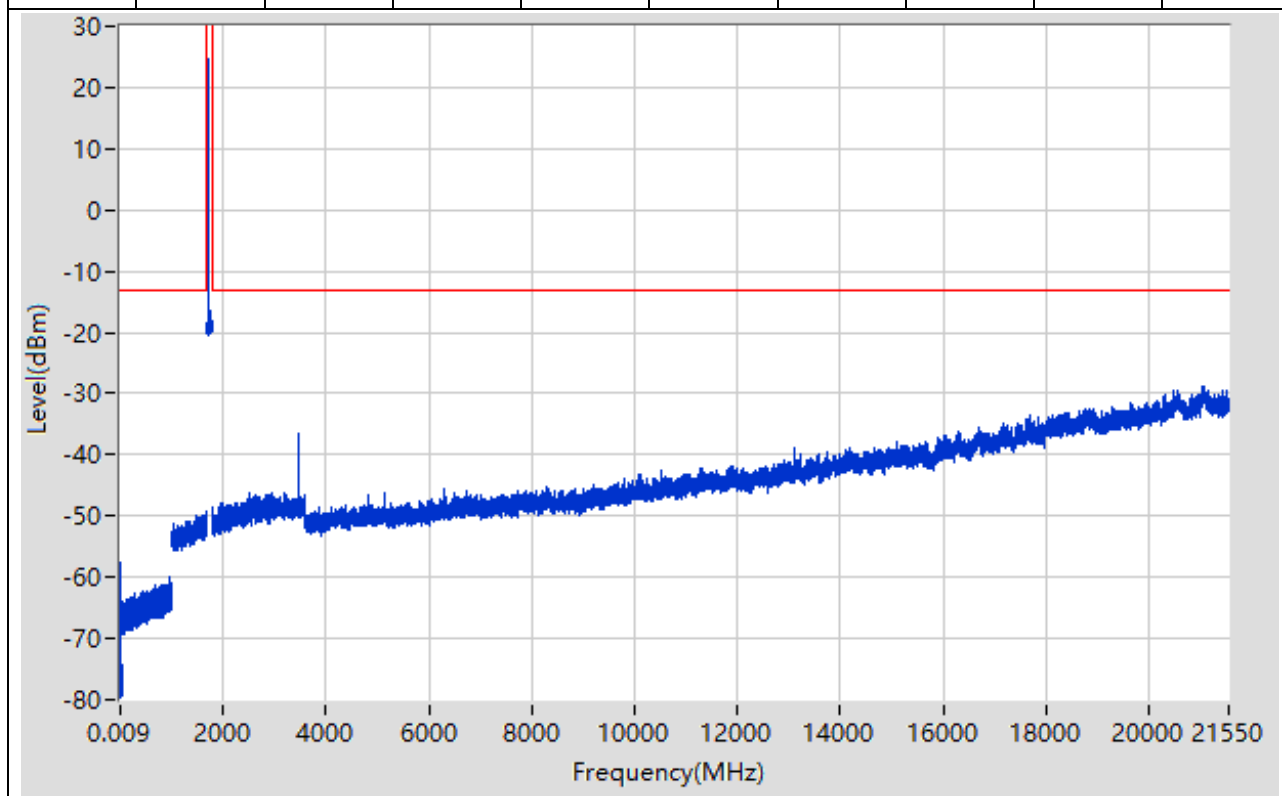
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.67	-13	42.67	Pass	401
0.15	30	0.01	RMS	0.16	-59.34	-13	46.34	Pass	2986
30	1000	0.1	RMS	976.6	-60.35	-13	47.35	Pass	9701
1000	1690	1	RMS	1612	-49.48	-13	36.48	Pass	691
1690	1775	1	RMS	1724	25.16	60	34.84	Pass	401
1775	3000	1	RMS	2596	-45.72	-13	32.72	Pass	1226
3000	21550	1	RMS	21075	-28.65	-13	15.65	Pass	18551



2.22. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:22, Channel:20175, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

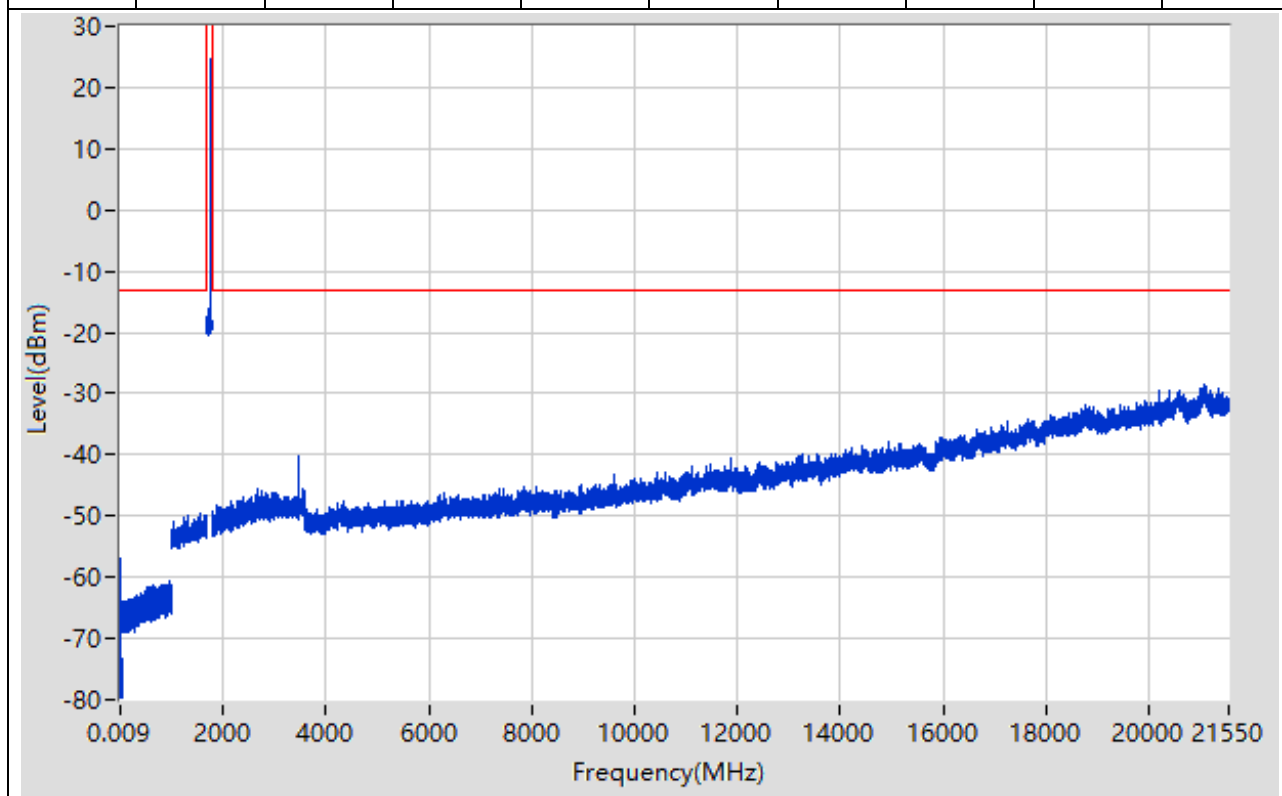
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.71	-13	44.71	Pass	401
0.15	30	0.01	RMS	0.15	-59.22	-13	46.22	Pass	2986
30	1000	0.1	RMS	973.2	-59.97	-13	46.97	Pass	9701
1000	1690	1	RMS	1681	-49.18	-13	36.18	Pass	691
1690	1775	1	RMS	1723.788	24.65	60	35.35	Pass	401
1775	3000	1	RMS	2505	-46.23	-13	33.23	Pass	1226
3000	21550	1	RMS	21052	-28.83	-13	15.83	Pass	18551



2.23. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:23, Channel:20300, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

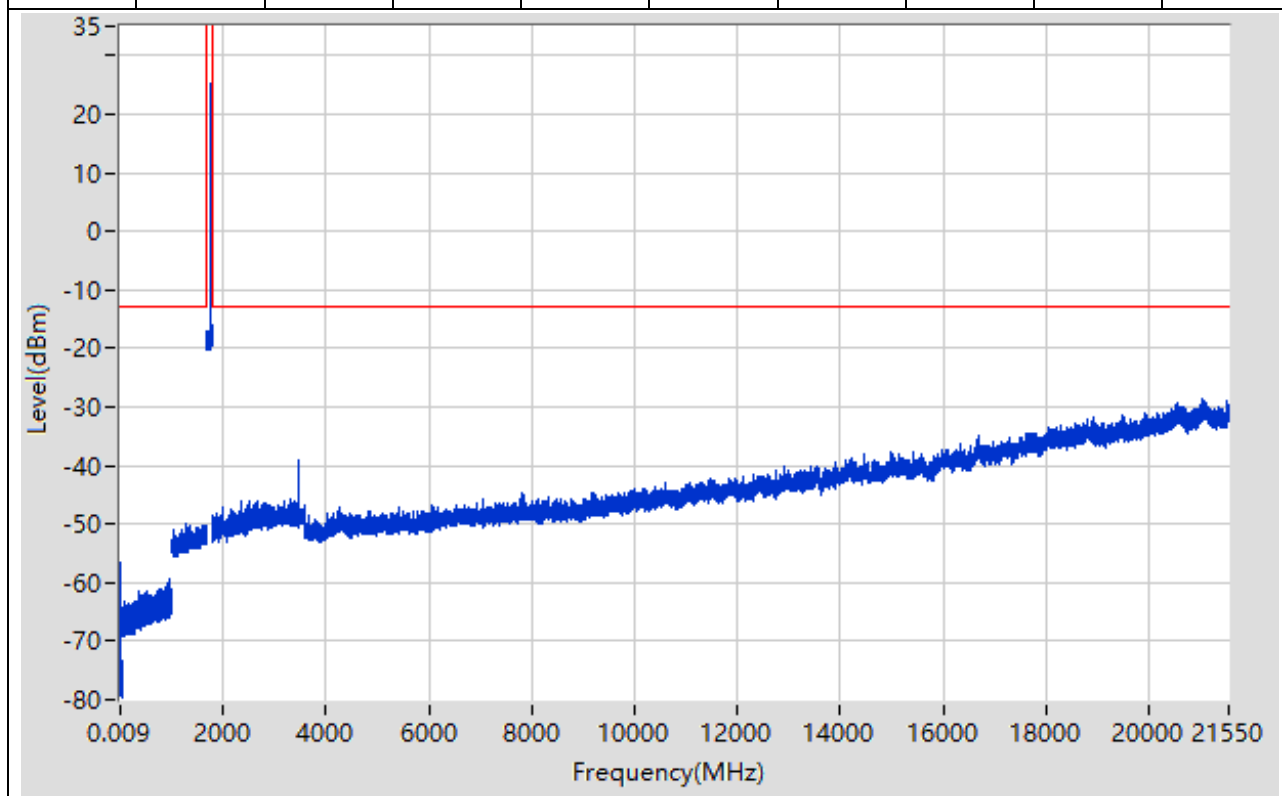
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-56.8	-13	43.8	Pass	401
0.15	30	0.01	RMS	0.15	-59.23	-13	46.23	Pass	2986
30	1000	0.1	RMS	946.2	-60.77	-13	47.77	Pass	9701
1000	1690	1	RMS	1565	-49.69	-13	36.69	Pass	691
1690	1775	1	RMS	1737.388	24.79	60	35.21	Pass	401
1775	3000	1	RMS	2659	-45.5	-13	32.5	Pass	1226
3000	21550	1	RMS	21064	-28.66	-13	15.66	Pass	18551



2.24. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:24, Channel:20300, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

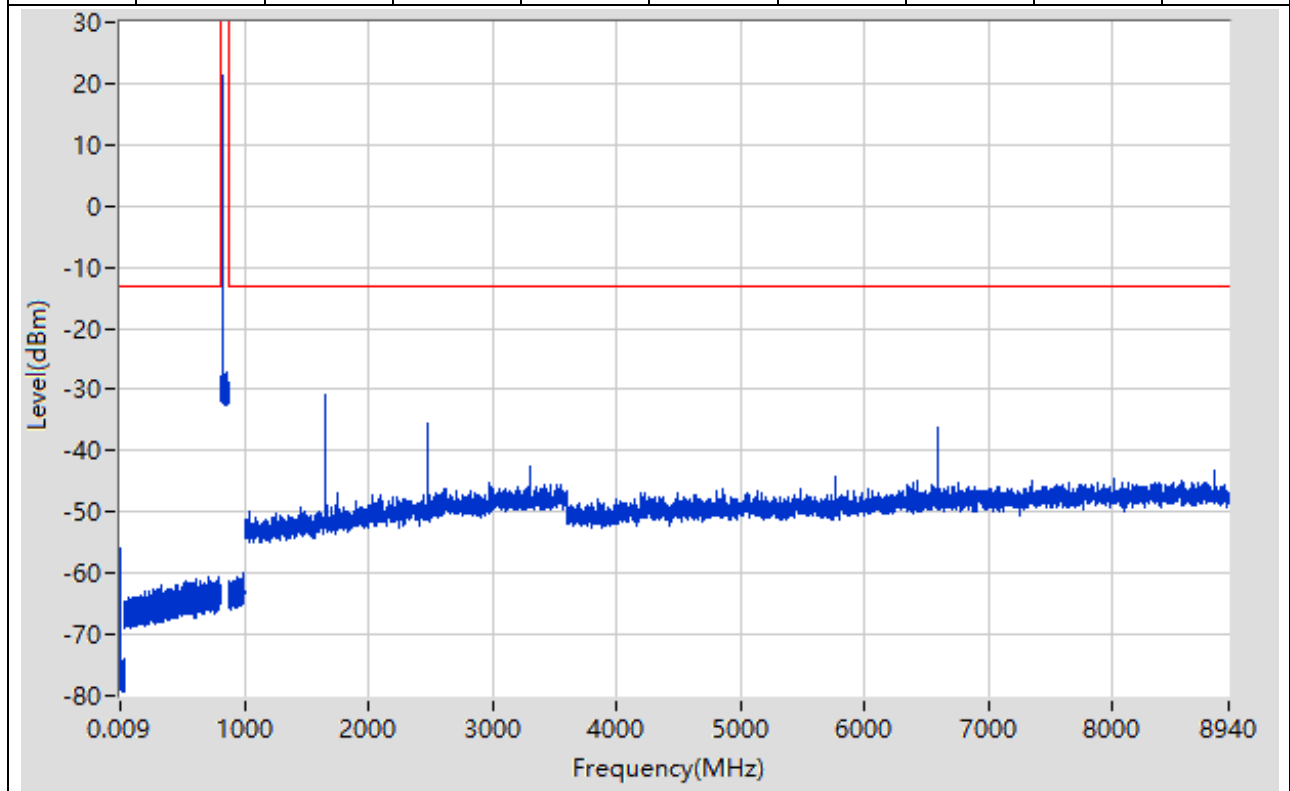
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.72	-13	43.72	Pass	401
0.15	30	0.01	RMS	0.15	-58.03	-13	45.03	Pass	2986
30	1000	0.1	RMS	964	-59.35	-13	46.35	Pass	9701
1000	1690	1	RMS	1271	-49.91	-13	36.91	Pass	691
1690	1775	1	RMS	1737.388	25.16	60	34.84	Pass	401
1775	3000	1	RMS	2505	-46.18	-13	33.18	Pass	1226
3000	21550	1	RMS	21029	-28.72	-13	15.72	Pass	18551



3. Cat-M_Band5

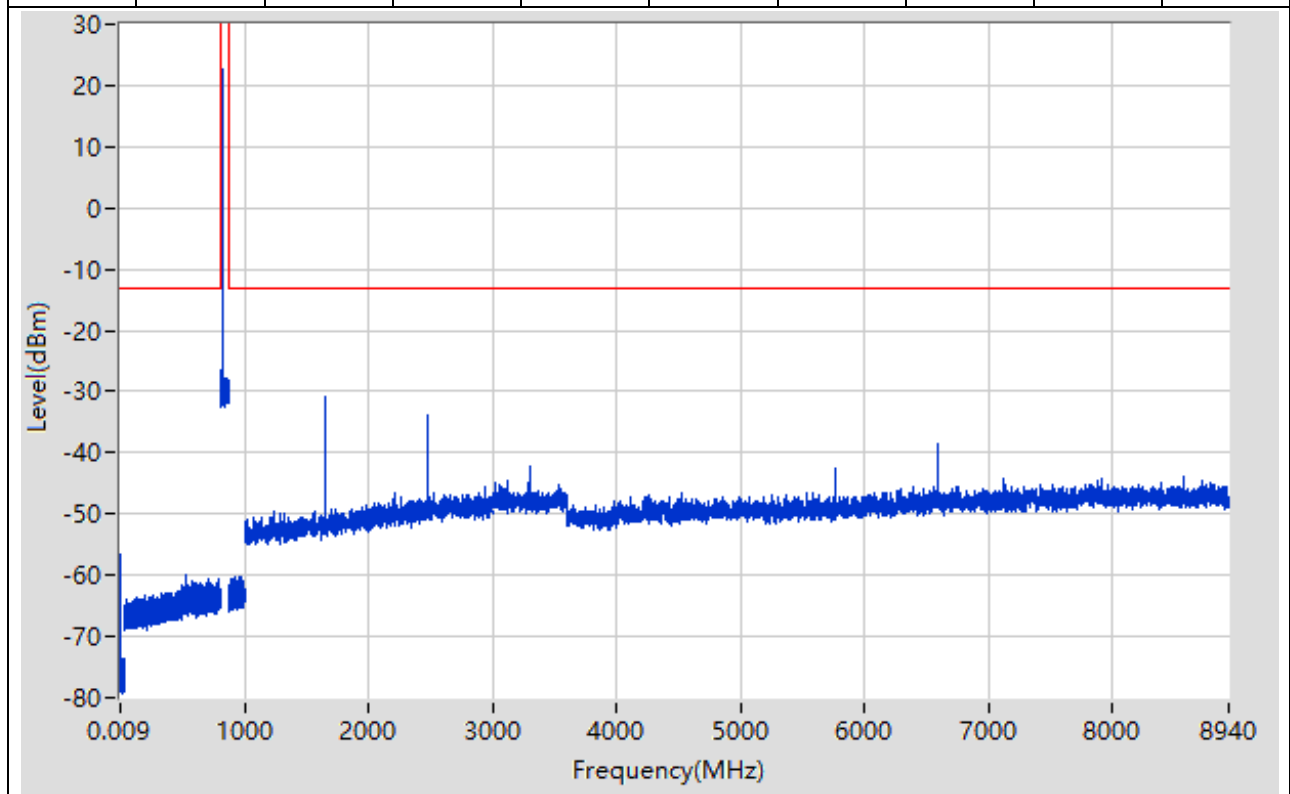
3.1. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:20425, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.31	-13	44.31	Pass	401
0.15	30	0.01	RMS	0.16	-55.99	-13	42.99	Pass	2986
30	804	0.1	RMS	710.5	-60.62	-13	47.62	Pass	7741
804	869	0.1	RMS	824.3	21.32	60	38.68	Pass	651
869	1000	0.1	RMS	997.2	-59.87	-13	46.87	Pass	1311
1000	3000	1	RMS	1649	-30.83	-13	17.83	Pass	2001
3000	8940	1	RMS	6595	-36.18	-13	23.18	Pass	5941



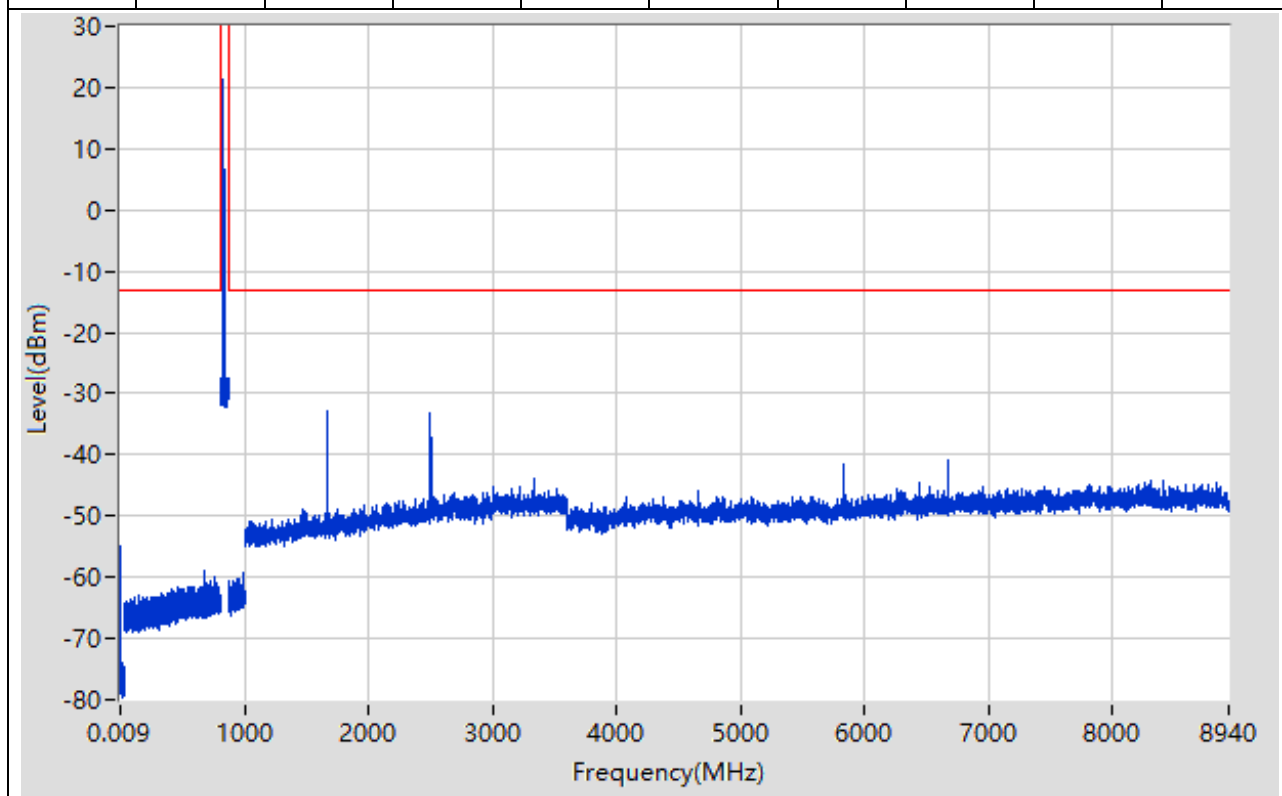
3.2. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:20425, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.58	-13	43.58	Pass	401
0.15	30	0.01	RMS	0.15	-57.85	-13	44.85	Pass	2986
30	804	0.1	RMS	534.4	-60.06	-13	47.06	Pass	7741
804	869	0.1	RMS	824.3	22.66	60	37.34	Pass	651
869	1000	0.1	RMS	977.5	-60.23	-13	47.23	Pass	1311
1000	3000	1	RMS	1649	-30.89	-13	17.89	Pass	2001
3000	8940	1	RMS	6595	-38.7	-13	25.7	Pass	5941



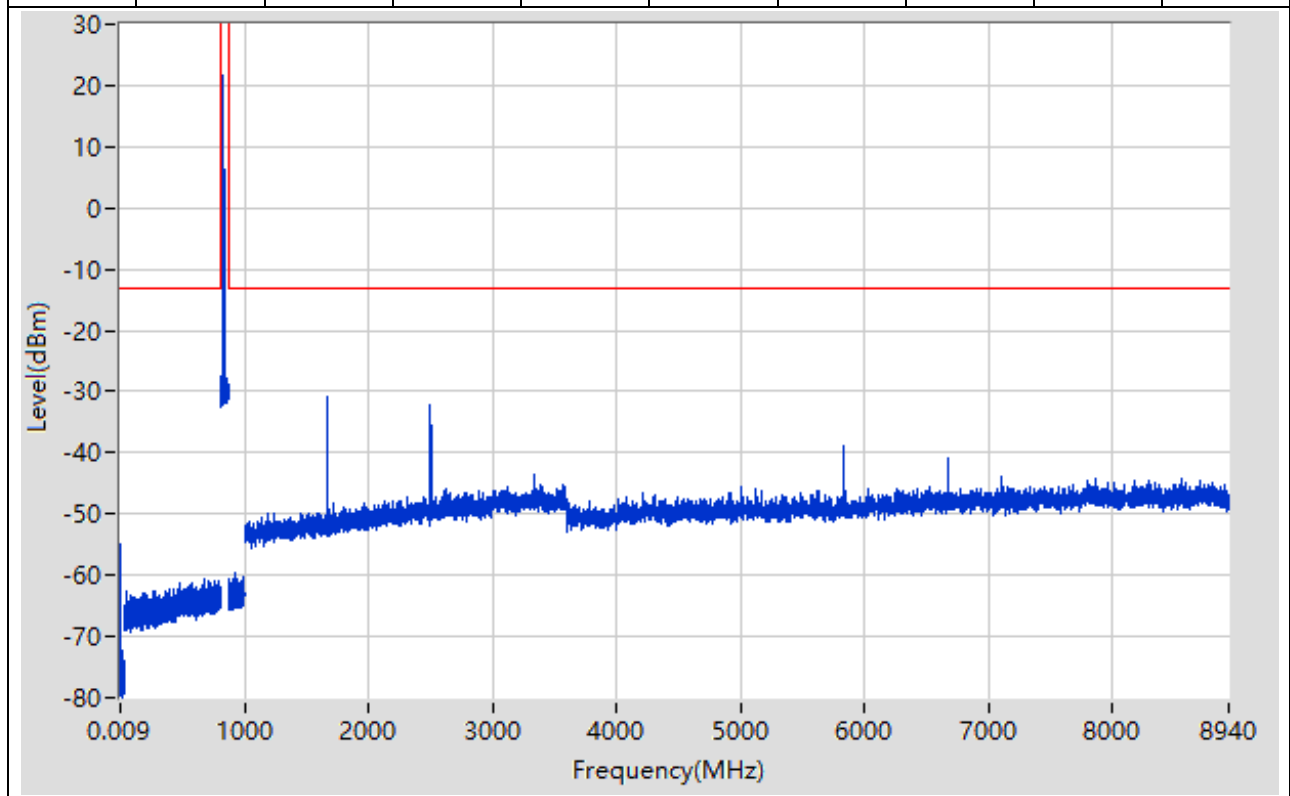
3.3. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-55.03	-13	42.03	Pass	401
0.15	30	0.01	RMS	0.15	-56.16	-13	43.16	Pass	2986
30	804	0.1	RMS	681.6	-58.99	-13	45.99	Pass	7741
804	869	0.1	RMS	834.3	21.38	60	38.62	Pass	651
869	1000	0.1	RMS	990.8	-59.38	-13	46.38	Pass	1311
1000	3000	1	RMS	1669	-32.71	-13	19.71	Pass	2001
3000	8940	1	RMS	6675	-40.93	-13	27.93	Pass	5941



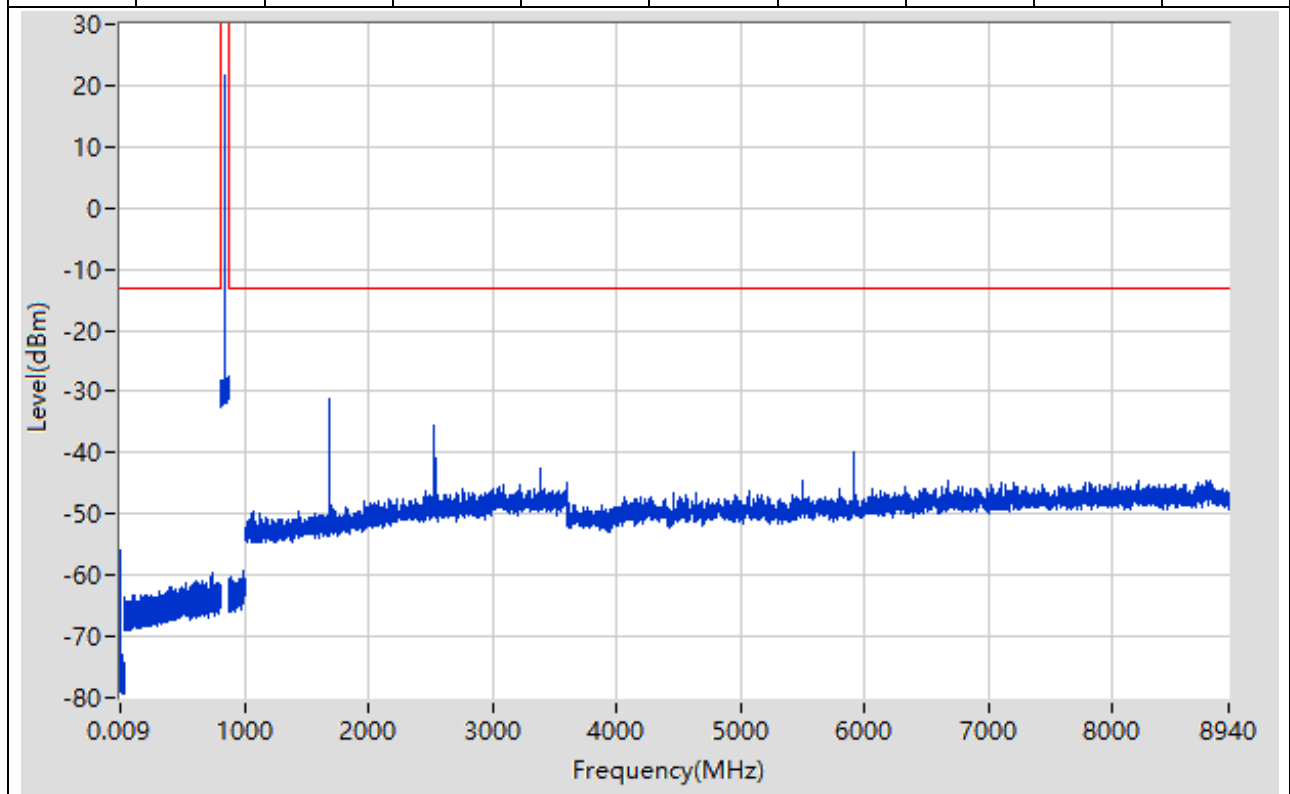
3.4. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.37	-13	44.37	Pass	401
0.15	30	0.01	RMS	0.15	-54.88	-13	41.88	Pass	2986
30	804	0.1	RMS	682.1	-60.68	-13	47.68	Pass	7741
804	869	0.1	RMS	834.3	21.79	60	38.21	Pass	651
869	1000	0.1	RMS	917.3	-59.46	-13	46.46	Pass	1311
1000	3000	1	RMS	1669	-30.86	-13	17.86	Pass	2001
3000	8940	1	RMS	5840	-38.92	-13	25.92	Pass	5941



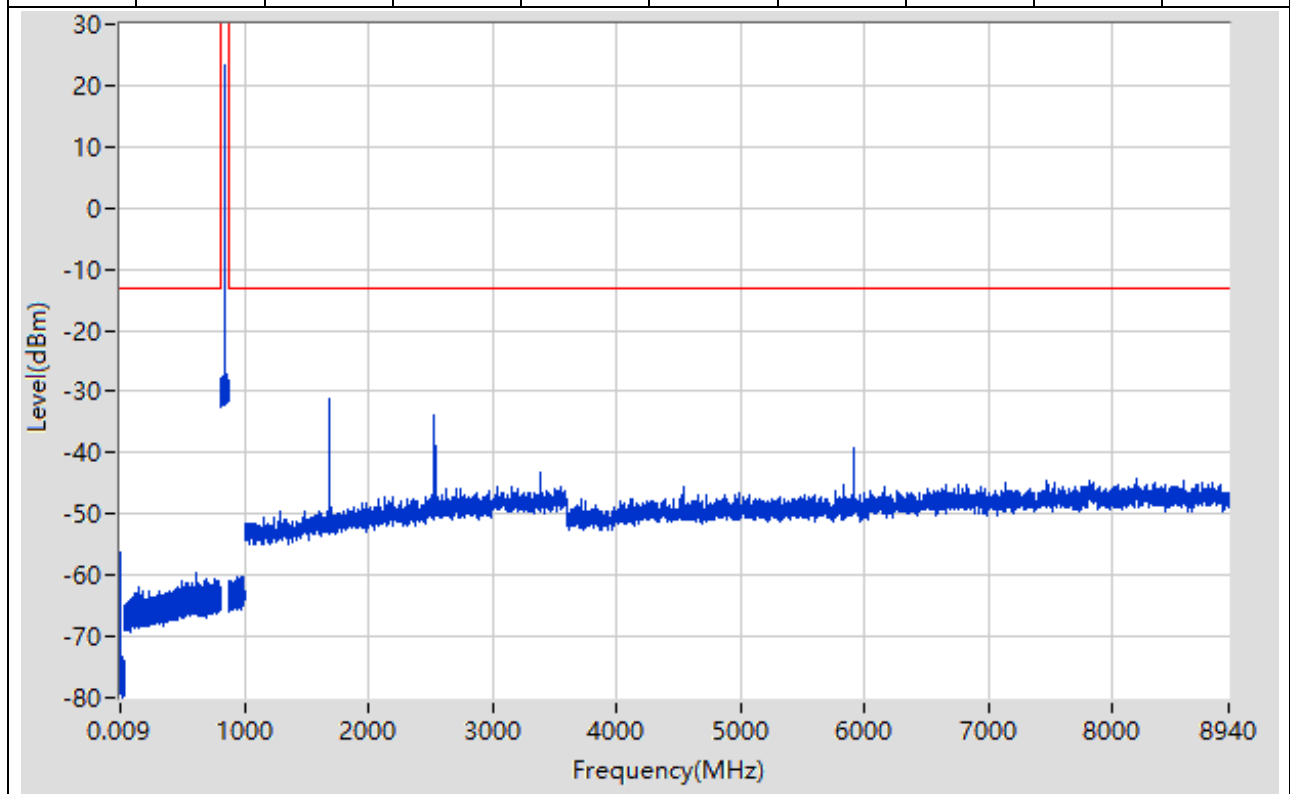
3.5. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:20625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.95	-13	42.95	Pass	401
0.15	30	0.01	RMS	0.15	-56.54	-13	43.54	Pass	2986
30	804	0.1	RMS	743.4	-59.63	-13	46.63	Pass	7741
804	869	0.1	RMS	845.2	21.64	60	38.36	Pass	651
869	1000	0.1	RMS	993.2	-59.32	-13	46.32	Pass	1311
1000	3000	1	RMS	1691	-31.29	-13	18.29	Pass	2001
3000	8940	1	RMS	5916	-39.91	-13	26.91	Pass	5941



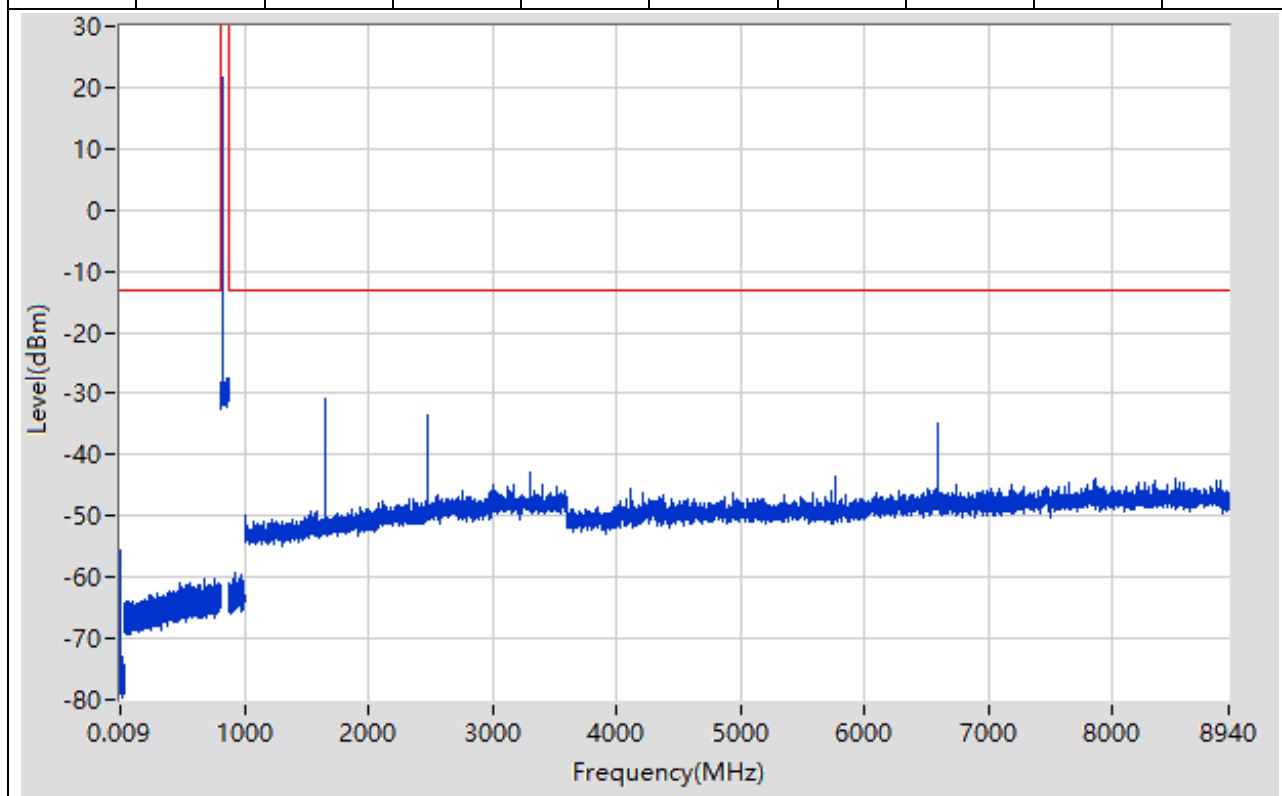
3.6. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:20625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.41	-13	43.41	Pass	401
0.15	30	0.01	RMS	0.15	-57.25	-13	44.25	Pass	2986
30	804	0.1	RMS	619.3	-59.72	-13	46.72	Pass	7741
804	869	0.1	RMS	845.2	23.23	60	36.77	Pass	651
869	1000	0.1	RMS	967.4	-60.28	-13	47.28	Pass	1311
1000	3000	1	RMS	1690	-31.05	-13	18.05	Pass	2001
3000	8940	1	RMS	5916	-39.24	-13	26.24	Pass	5941



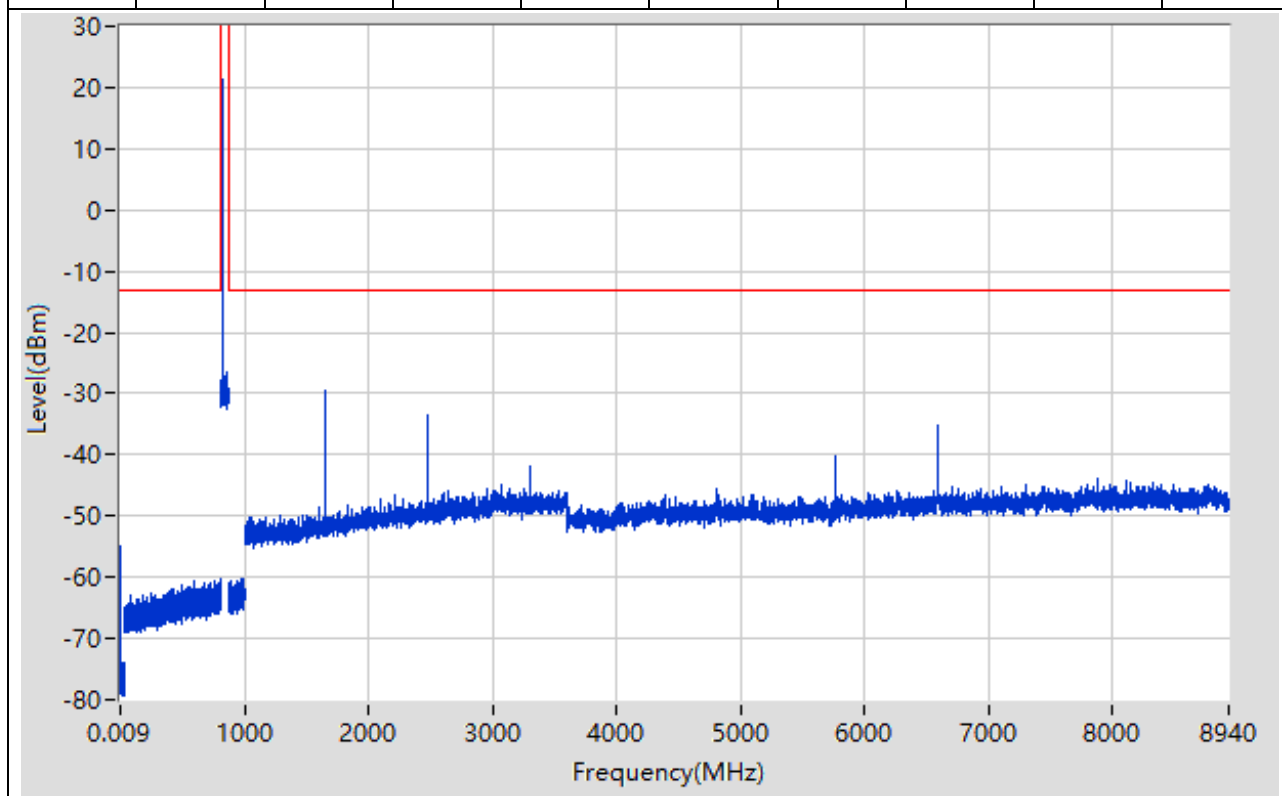
3.7. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:20450, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.89	-13	43.89	Pass	401
0.15	30	0.01	RMS	0.15	-55.68	-13	42.68	Pass	2986
30	804	0.1	RMS	764.2	-60.15	-13	47.15	Pass	7741
804	869	0.1	RMS	824.7	21.65	60	38.35	Pass	651
869	1000	0.1	RMS	933.2	-59.36	-13	46.36	Pass	1311
1000	3000	1	RMS	1649	-30.86	-13	17.86	Pass	2001
3000	8940	1	RMS	6598	-34.9	-13	21.9	Pass	5941



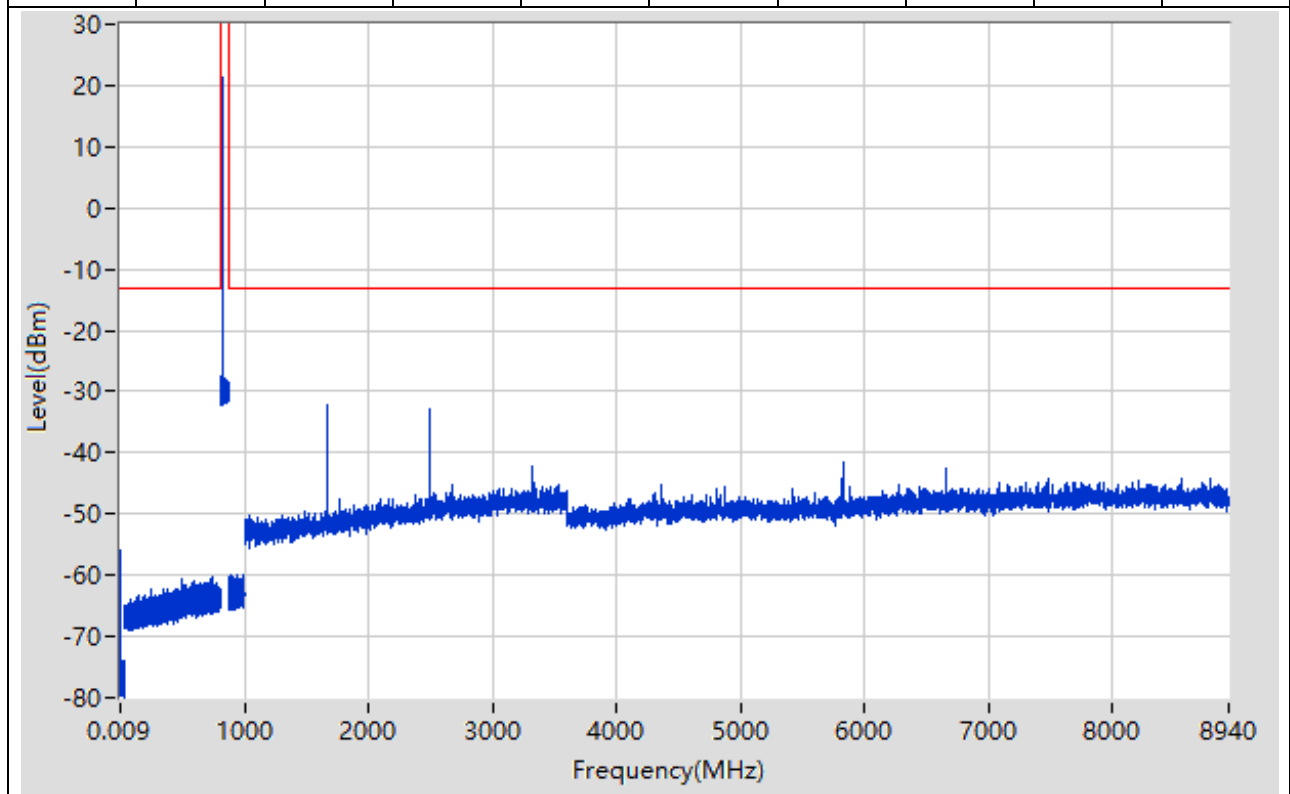
3.8. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:20450, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.57	-13	43.57	Pass	401
0.15	30	0.01	RMS	0.15	-55.02	-13	42.02	Pass	2986
30	804	0.1	RMS	804	-60.22	-13	47.22	Pass	7741
804	869	0.1	RMS	824.7	21.39	60	38.61	Pass	651
869	1000	0.1	RMS	983	-60.12	-13	47.12	Pass	1311
1000	3000	1	RMS	1650	-29.5	-13	16.5	Pass	2001
3000	8940	1	RMS	6598	-35.21	-13	22.21	Pass	5941



3.9. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:20525, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

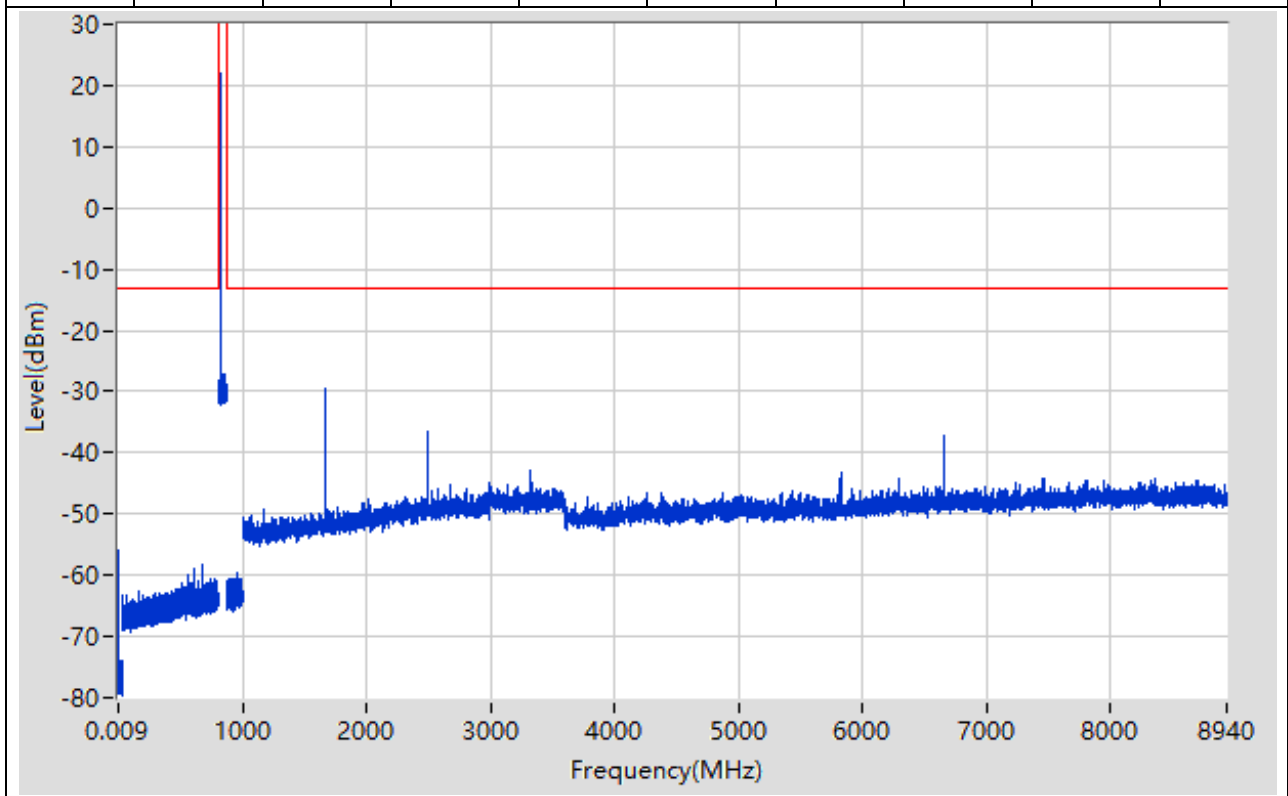
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.98	-13	42.98	Pass	401
0.15	30	0.01	RMS	0.16	-56.83	-13	43.83	Pass	2986
30	804	0.1	RMS	736.8	-60.34	-13	47.34	Pass	7741
804	869	0.1	RMS	832.2	21.24	60	38.76	Pass	651
869	1000	0.1	RMS	991.7	-59.84	-13	46.84	Pass	1311
1000	3000	1	RMS	1665	-32.27	-13	19.27	Pass	2001
3000	8940	1	RMS	5826	-41.53	-13	28.53	Pass	5941



3.10. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:20525, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

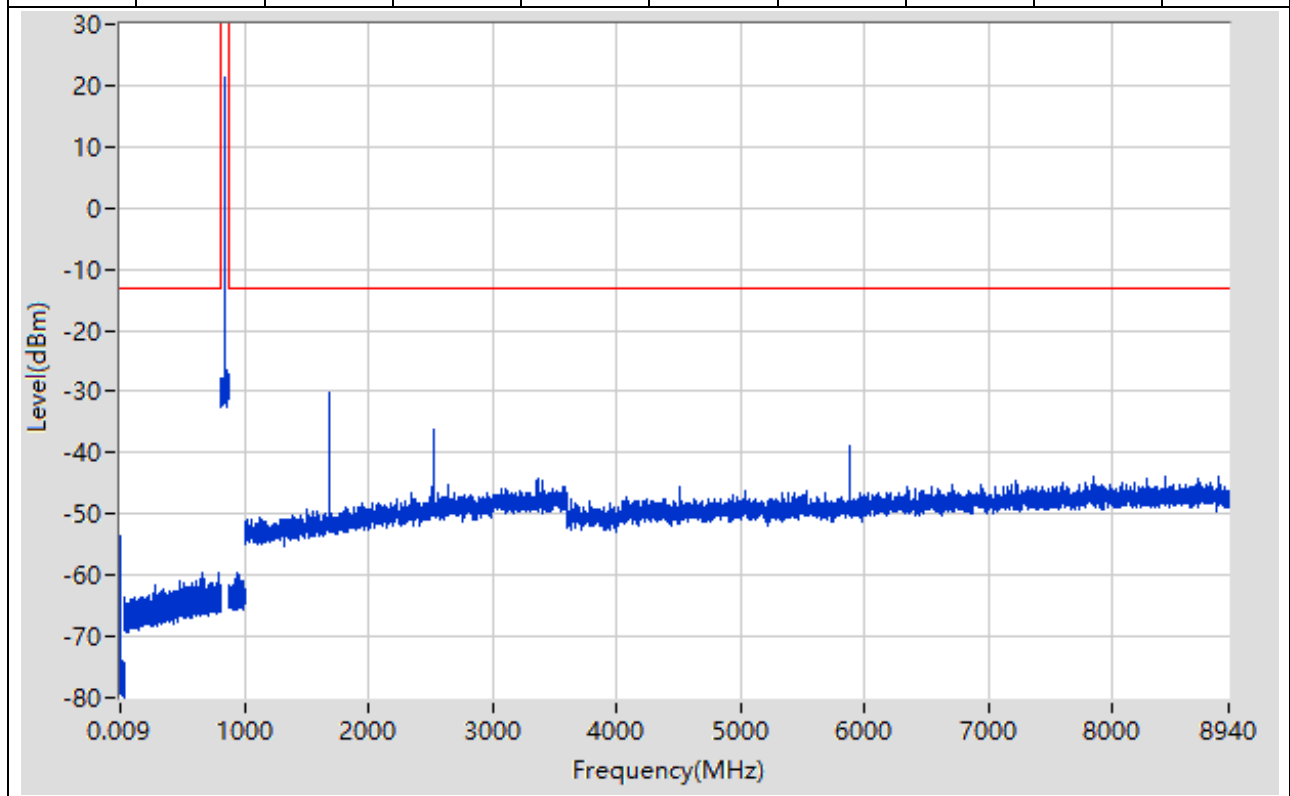
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-55.86	-13	42.86	Pass	401
0.15	30	0.01	RMS	0.15	-56.24	-13	43.24	Pass	2986
30	804	0.1	RMS	681.8	-58.35	-13	45.35	Pass	7741
804	869	0.1	RMS	832.2	21.85	60	38.15	Pass	651
869	1000	0.1	RMS	959.8	-59.7	-13	46.7	Pass	1311
1000	3000	1	RMS	1665	-29.45	-13	16.45	Pass	2001
3000	8940	1	RMS	6658	-37.25	-13	24.25	Pass	5941



3.11. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

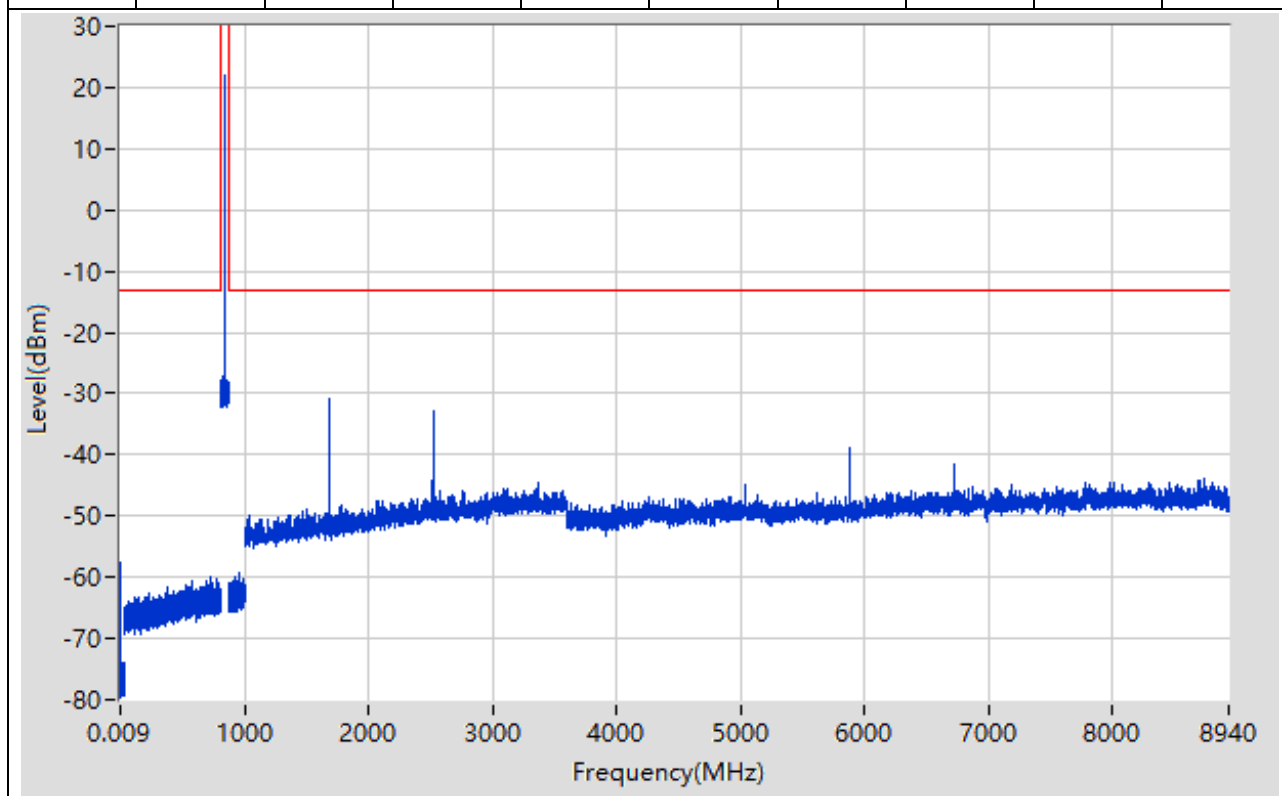
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.39	-13	43.39	Pass	401
0.15	30	0.01	RMS	0.15	-53.71	-13	40.71	Pass	2986
30	804	0.1	RMS	668.6	-59.52	-13	46.52	Pass	7741
804	869	0.1	RMS	840.6	21.25	60	38.75	Pass	651
869	1000	0.1	RMS	946.1	-59.75	-13	46.75	Pass	1311
1000	3000	1	RMS	1681	-30.07	-13	17.07	Pass	2001
3000	8940	1	RMS	5885	-38.8	-13	25.8	Pass	5941



3.12. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

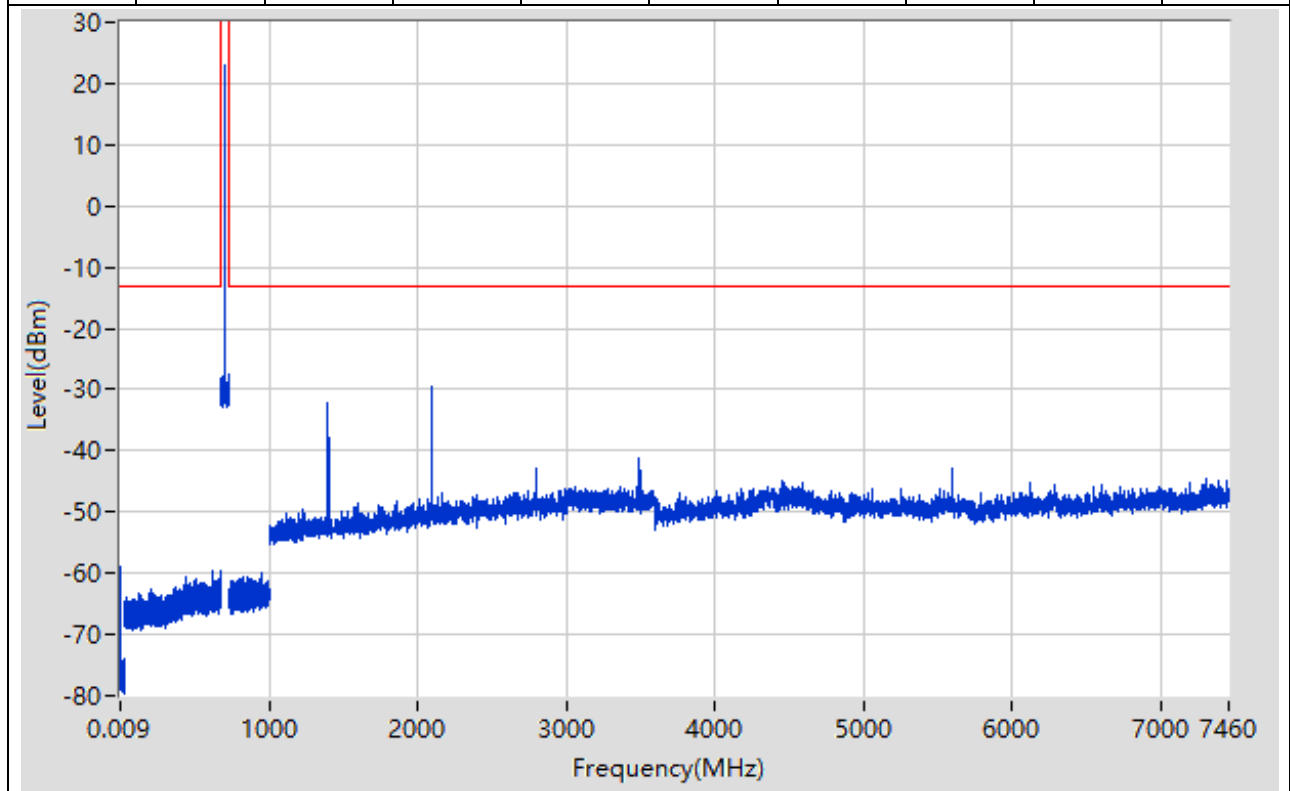
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.64	-13	44.64	Pass	401
0.15	30	0.01	RMS	0.15	-57.59	-13	44.59	Pass	2986
30	804	0.1	RMS	735.1	-60.03	-13	47.03	Pass	7741
804	869	0.1	RMS	840.6	22.06	60	37.94	Pass	651
869	1000	0.1	RMS	955.8	-59.26	-13	46.26	Pass	1311
1000	3000	1	RMS	1681	-30.96	-13	17.96	Pass	2001
3000	8940	1	RMS	5885	-38.95	-13	25.95	Pass	5941



4. Cat-M_Band12

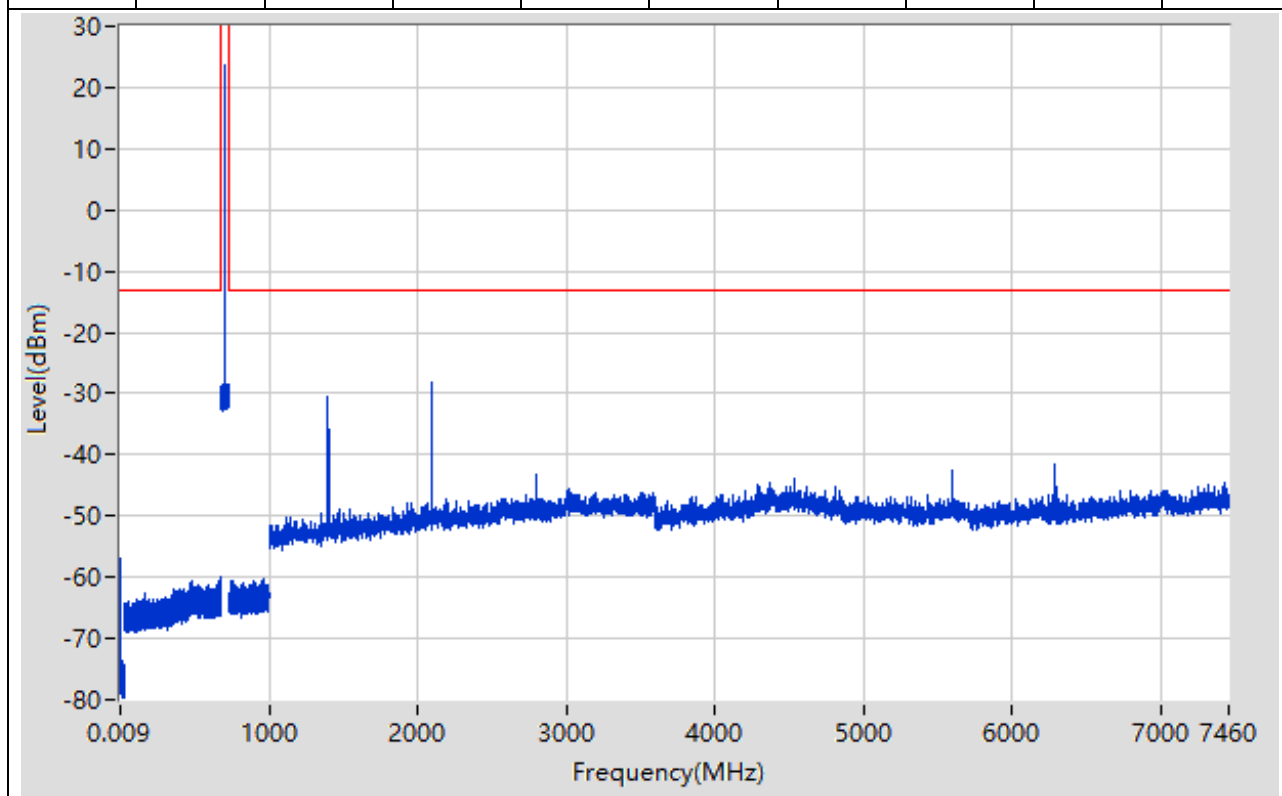
4.1. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:23035, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.33	-13	46.33	Pass	401
0.15	30	0.01	RMS	0.16	-58.79	-13	45.79	Pass	2986
30	679	0.1	RMS	619.9	-59.51	-13	46.51	Pass	6491
679	736	0.1	RMS	699.3	22.92	60	37.08	Pass	571
736	1000	0.1	RMS	950.4	-60.05	-13	47.05	Pass	2641
1000	3000	1	RMS	2098	-29.41	-13	16.41	Pass	2001
3000	7460	1	RMS	3495	-41.36	-13	28.36	Pass	4461



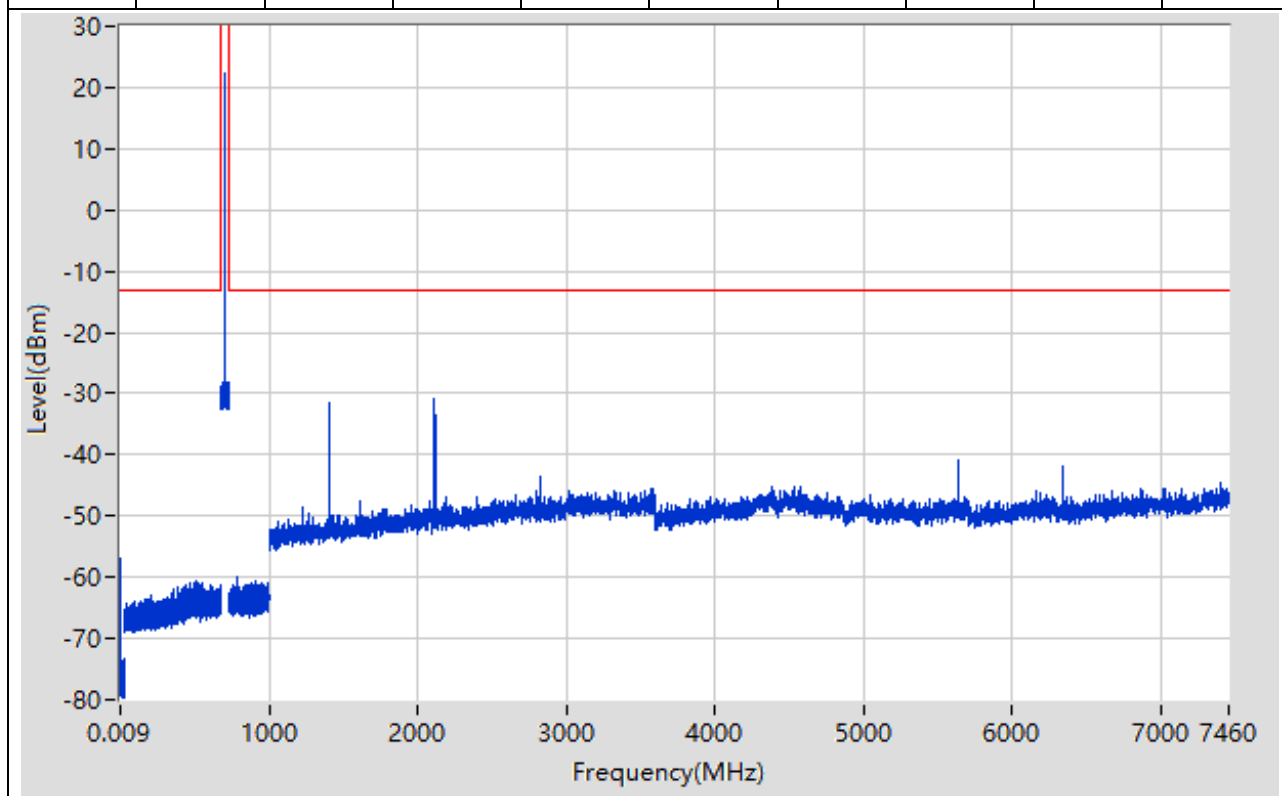
4.2. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:23035, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.028	-59.75	-13	46.75	Pass	401
0.15	30	0.01	RMS	0.15	-57.06	-13	44.06	Pass	2986
30	679	0.1	RMS	676.4	-60.03	-13	47.03	Pass	6491
679	736	0.1	RMS	699.3	23.64	60	36.36	Pass	571
736	1000	0.1	RMS	960.5	-60.31	-13	47.31	Pass	2641
1000	3000	1	RMS	2098	-28.32	-13	15.32	Pass	2001
3000	7460	1	RMS	6294	-41.51	-13	28.51	Pass	4461



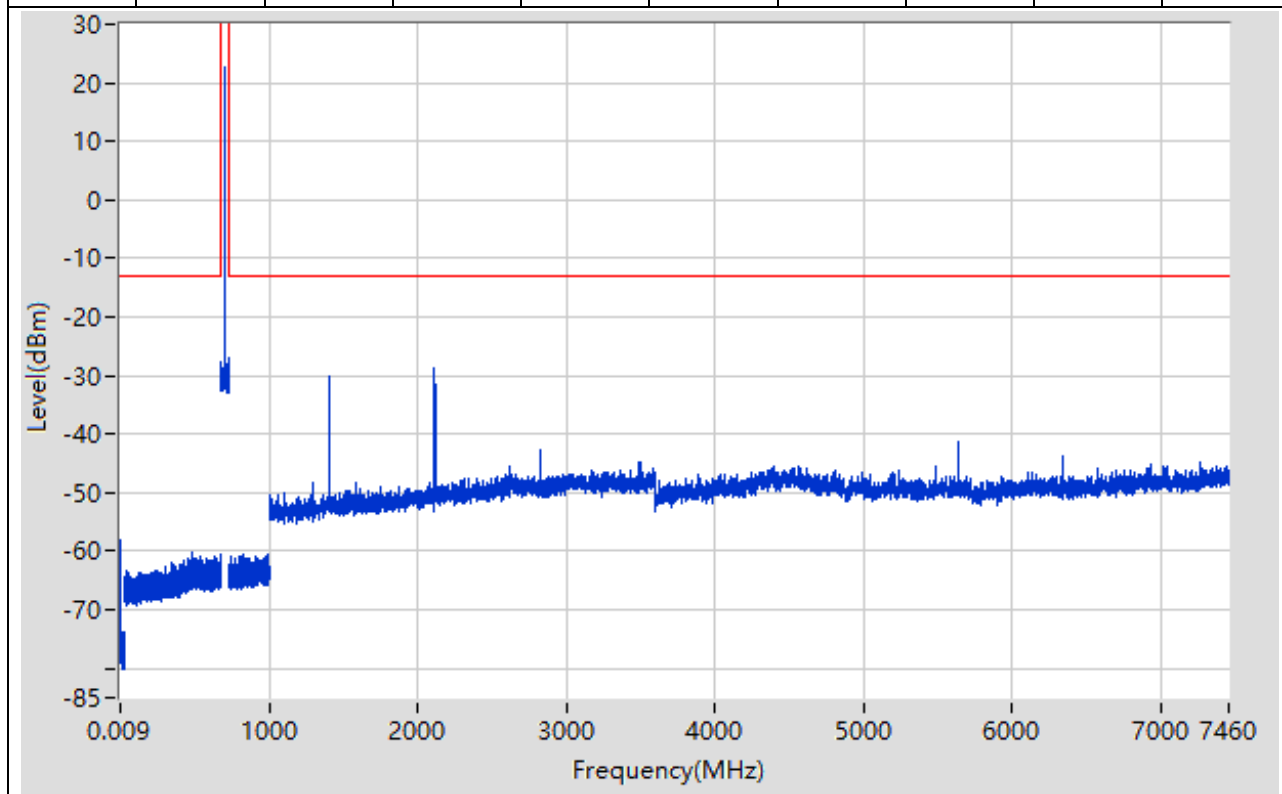
4.3. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:23095, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.64	-13	46.64	Pass	401
0.15	30	0.01	RMS	0.15	-56.98	-13	43.98	Pass	2986
30	679	0.1	RMS	514.5	-60.62	-13	47.62	Pass	6491
679	736	0.1	RMS	705.3	22.35	60	37.65	Pass	571
736	1000	0.1	RMS	786.2	-59.95	-13	46.95	Pass	2641
1000	3000	1	RMS	2116	-30.75	-13	17.75	Pass	2001
3000	7460	1	RMS	5643	-40.94	-13	27.94	Pass	4461



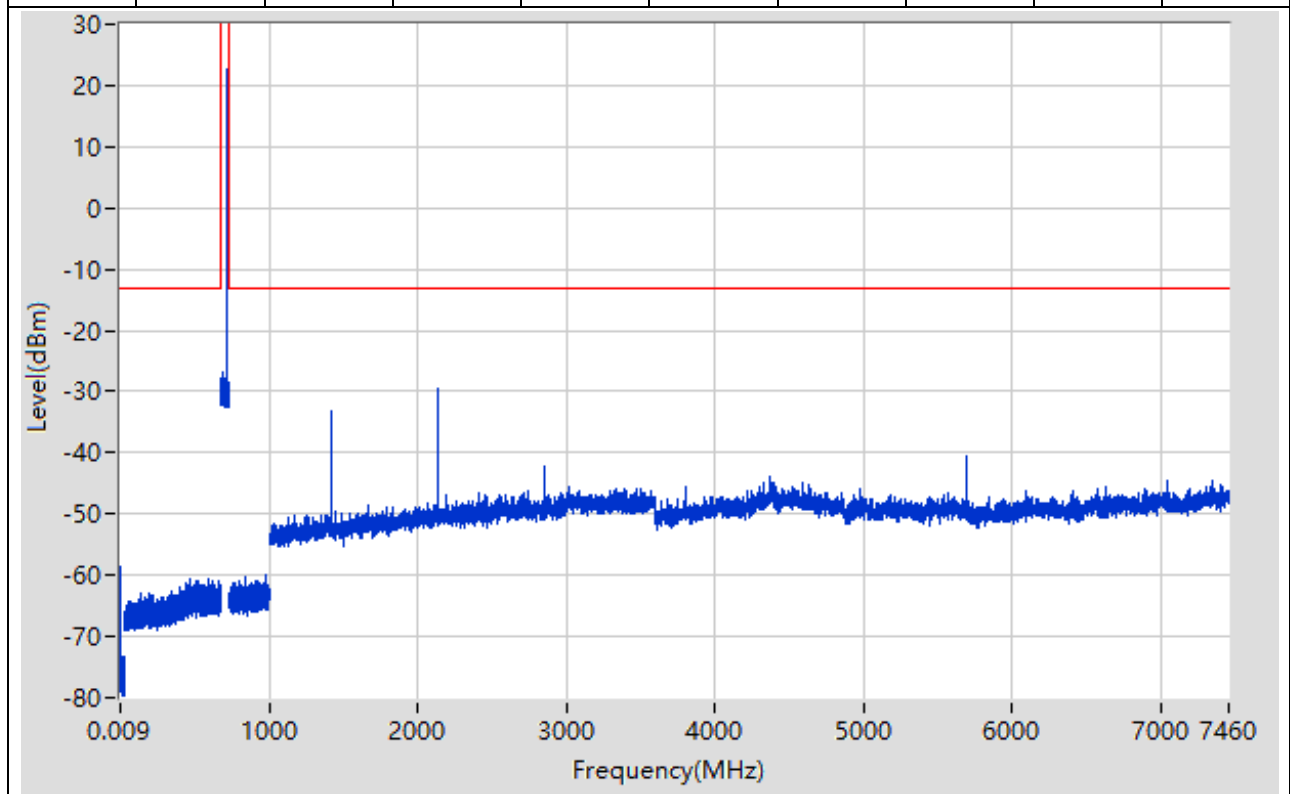
4.4. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:23095, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-58.79	-13	45.79	Pass	401
0.15	30	0.01	RMS	0.15	-58.25	-13	45.25	Pass	2986
30	679	0.1	RMS	485.2	-60.35	-13	47.35	Pass	6491
679	736	0.1	RMS	705.3	22.69	60	37.31	Pass	571
736	1000	0.1	RMS	988.9	-60.41	-13	47.41	Pass	2641
1000	3000	1	RMS	2116	-28.68	-13	15.68	Pass	2001
3000	7460	1	RMS	5643	-41.43	-13	28.43	Pass	4461



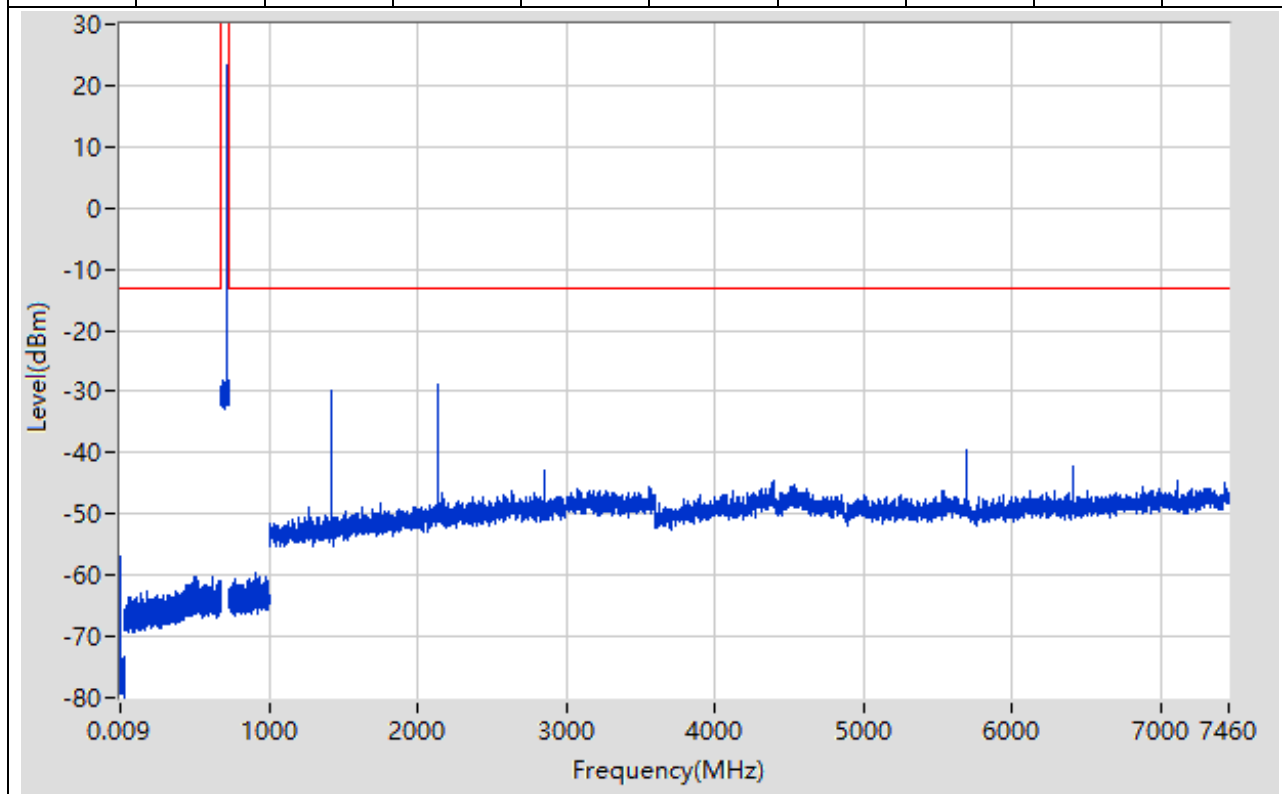
4.5. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:23155, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-59.98	-13	46.98	Pass	401
0.15	30	0.01	RMS	0.16	-58.54	-13	45.54	Pass	2986
30	679	0.1	RMS	587.1	-60.49	-13	47.49	Pass	6491
679	736	0.1	RMS	712.2	22.69	60	37.31	Pass	571
736	1000	0.1	RMS	978	-60.09	-13	47.09	Pass	2641
1000	3000	1	RMS	2137	-29.44	-13	16.44	Pass	2001
3000	7460	1	RMS	5698	-40.52	-13	27.52	Pass	4461



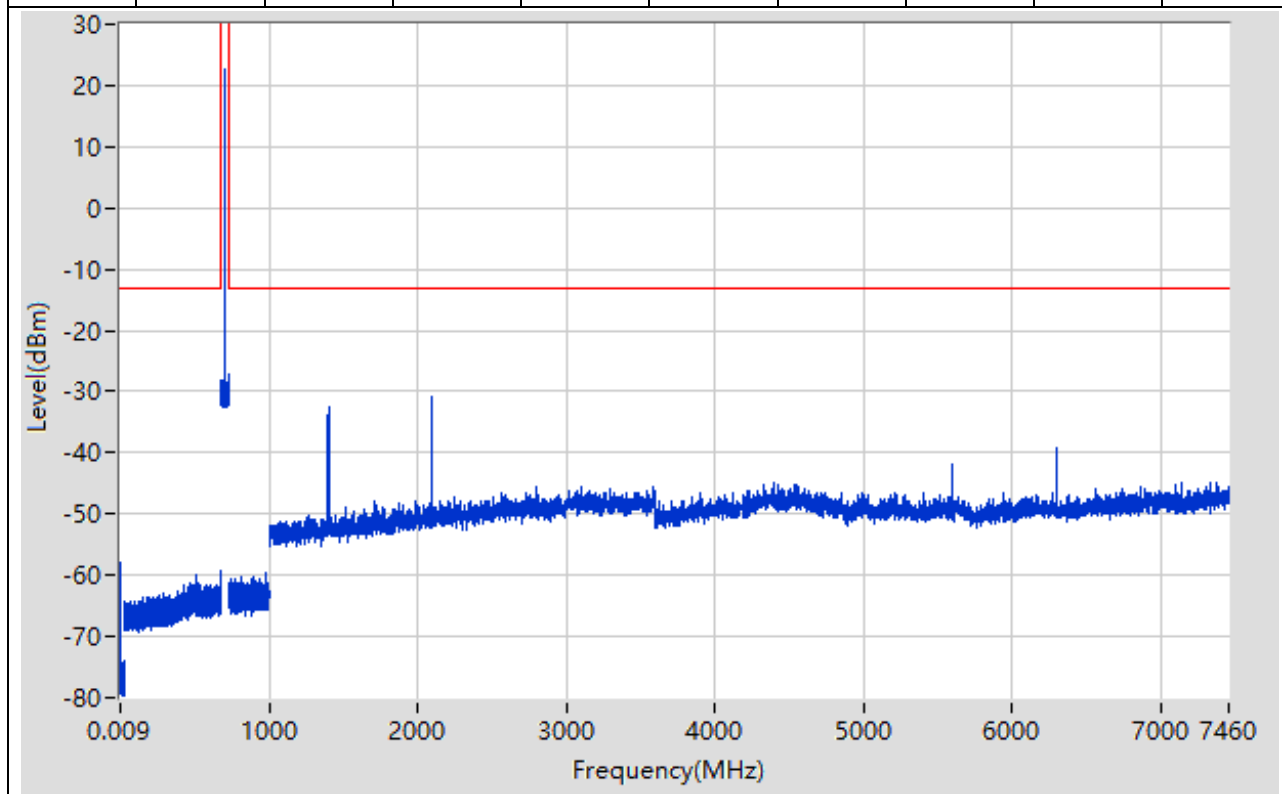
4.6. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:23155, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-60.39	-13	47.39	Pass	401
0.15	30	0.01	RMS	0.15	-57.09	-13	44.09	Pass	2986
30	679	0.1	RMS	506.6	-60.33	-13	47.33	Pass	6491
679	736	0.1	RMS	712.2	23.27	60	36.73	Pass	571
736	1000	0.1	RMS	914.9	-59.76	-13	46.76	Pass	2641
1000	3000	1	RMS	2137	-28.76	-13	15.76	Pass	2001
3000	7460	1	RMS	5698	-39.46	-13	26.46	Pass	4461



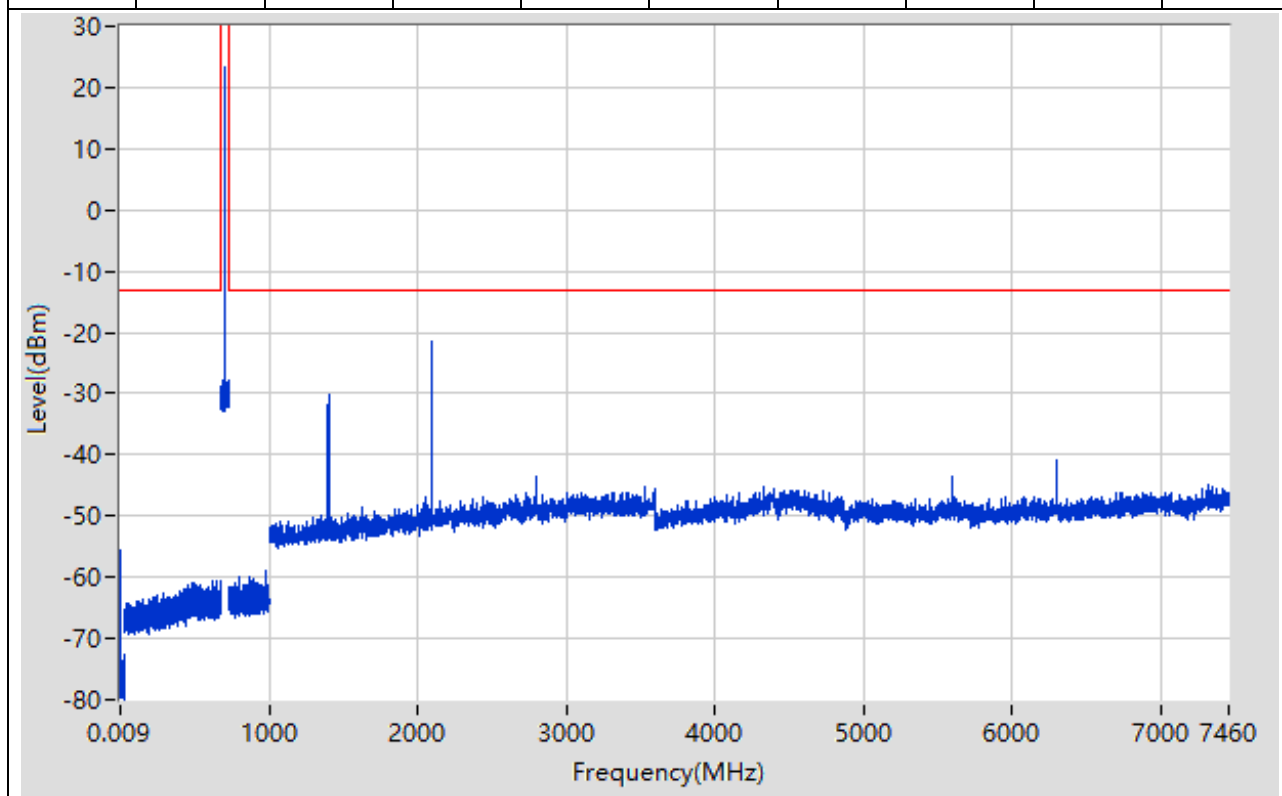
4.7. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:23060, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.33	-13	46.33	Pass	401
0.15	30	0.01	RMS	0.15	-57.88	-13	44.88	Pass	2986
30	679	0.1	RMS	678.1	-59.23	-13	46.23	Pass	6491
679	736	0.1	RMS	699.7	22.79	60	37.21	Pass	571
736	1000	0.1	RMS	973	-59.74	-13	46.74	Pass	2641
1000	3000	1	RMS	2099	-30.83	-13	17.83	Pass	2001
3000	7460	1	RMS	6298	-39.34	-13	26.34	Pass	4461



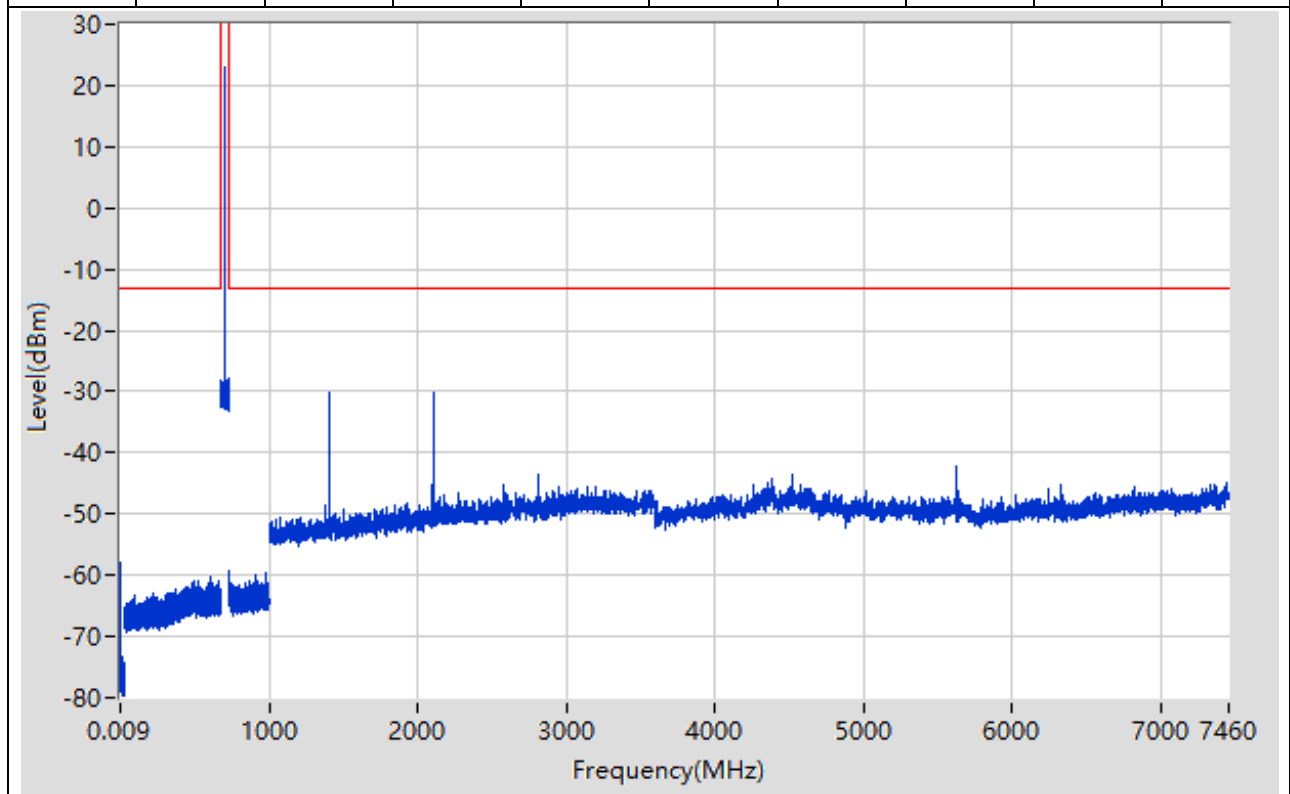
4.8. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:23060, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-58.88	-13	45.88	Pass	401
0.15	30	0.01	RMS	0.16	-55.45	-13	42.45	Pass	2986
30	679	0.1	RMS	675.3	-60.56	-13	47.56	Pass	6491
679	736	0.1	RMS	699.7	23.29	60	36.71	Pass	571
736	1000	0.1	RMS	976.3	-59	-13	46	Pass	2641
1000	3000	1	RMS	2101	-21.41	-13	8.41	Pass	2001
3000	7460	1	RMS	6298	-40.98	-13	27.98	Pass	4461



4.9. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:23095, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

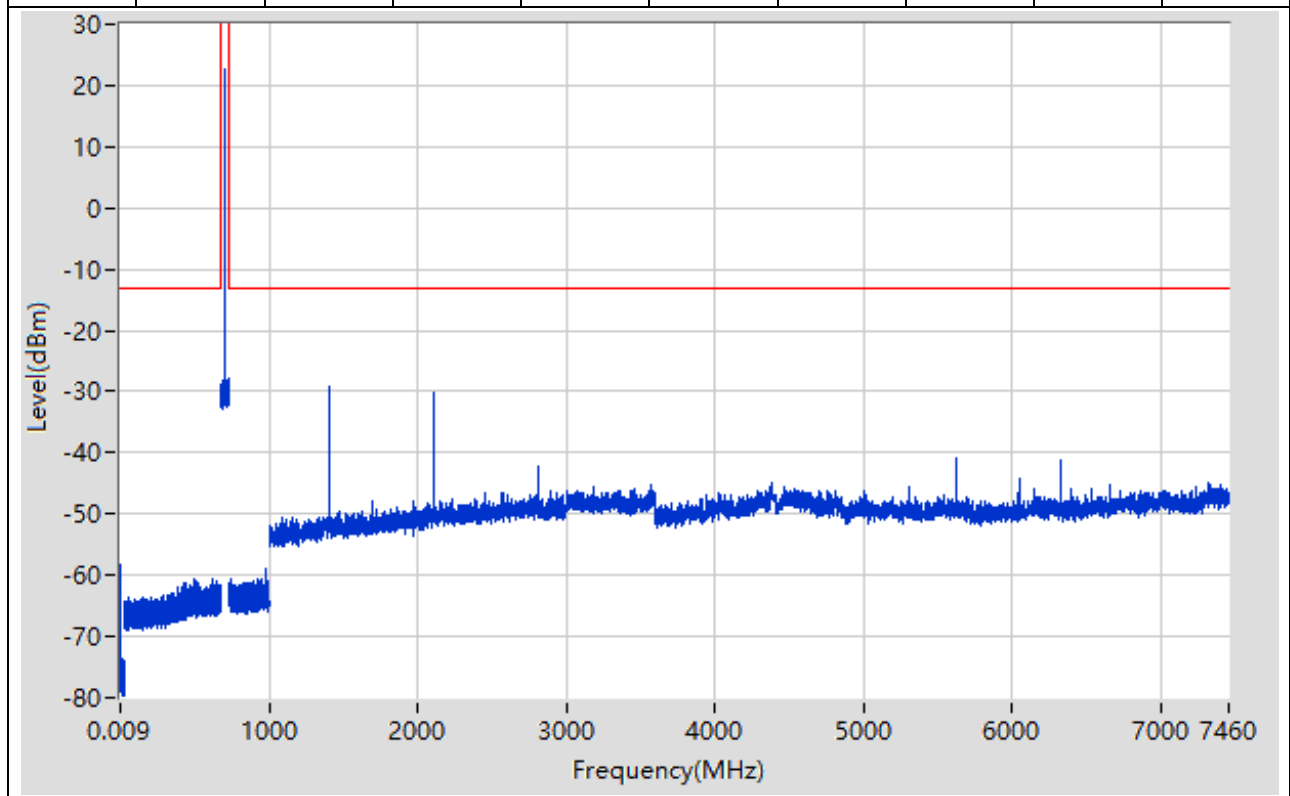
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.108	-60.13	-13	47.13	Pass	401
0.15	30	0.01	RMS	0.16	-58.03	-13	45.03	Pass	2986
30	679	0.1	RMS	609.7	-60.12	-13	47.12	Pass	6491
679	736	0.1	RMS	703.2	22.86	60	37.14	Pass	571
736	1000	0.1	RMS	737.7	-59.37	-13	46.37	Pass	2641
1000	3000	1	RMS	2110	-30.17	-13	17.17	Pass	2001
3000	7460	1	RMS	5626	-42.35	-13	29.35	Pass	4461



4.10. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:23095, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

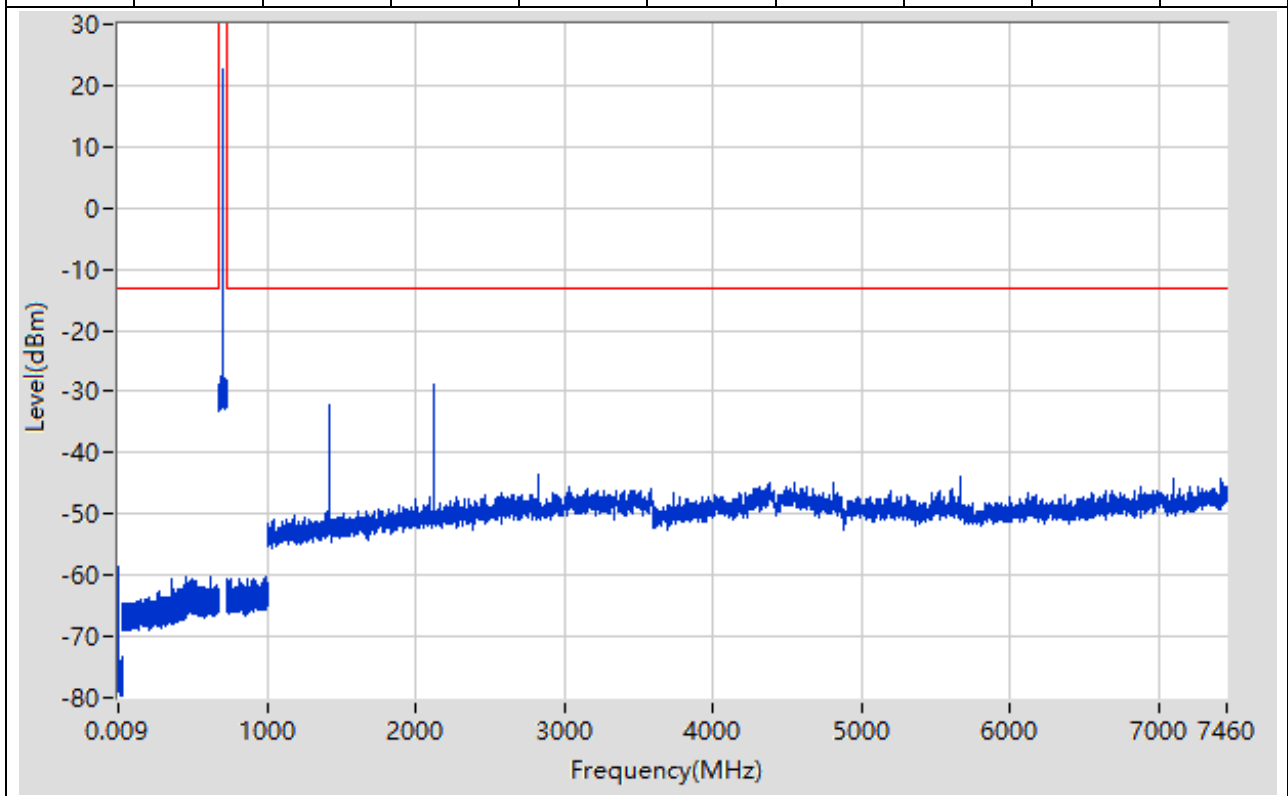
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-59.99	-13	46.99	Pass	401
0.15	30	0.01	RMS	0.16	-58.11	-13	45.11	Pass	2986
30	679	0.1	RMS	496.7	-60.54	-13	47.54	Pass	6491
679	736	0.1	RMS	703.2	22.8	60	37.2	Pass	571
736	1000	0.1	RMS	972.3	-58.86	-13	45.86	Pass	2641
1000	3000	1	RMS	1407	-29.32	-13	16.32	Pass	2001
3000	7460	1	RMS	5626	-40.87	-13	27.87	Pass	4461



4.11. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

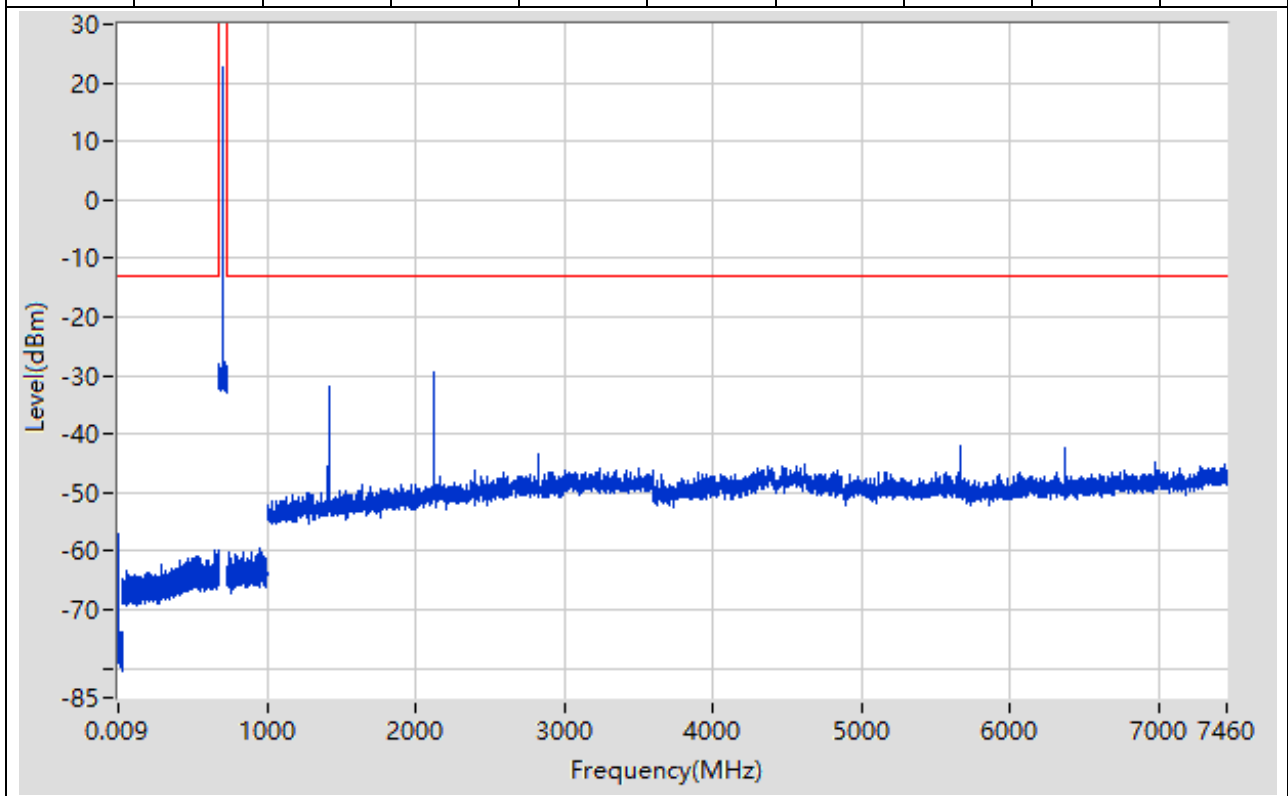
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.12	-13	47.12	Pass	401
0.15	30	0.01	RMS	0.15	-58.51	-13	45.51	Pass	2986
30	679	0.1	RMS	625.4	-60.23	-13	47.23	Pass	6491
679	736	0.1	RMS	707.6	22.62	60	37.38	Pass	571
736	1000	0.1	RMS	994.4	-60.11	-13	47.11	Pass	2641
1000	3000	1	RMS	2123	-28.93	-13	15.93	Pass	2001
3000	7460	1	RMS	5661	-43.92	-13	30.92	Pass	4461



4.12. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

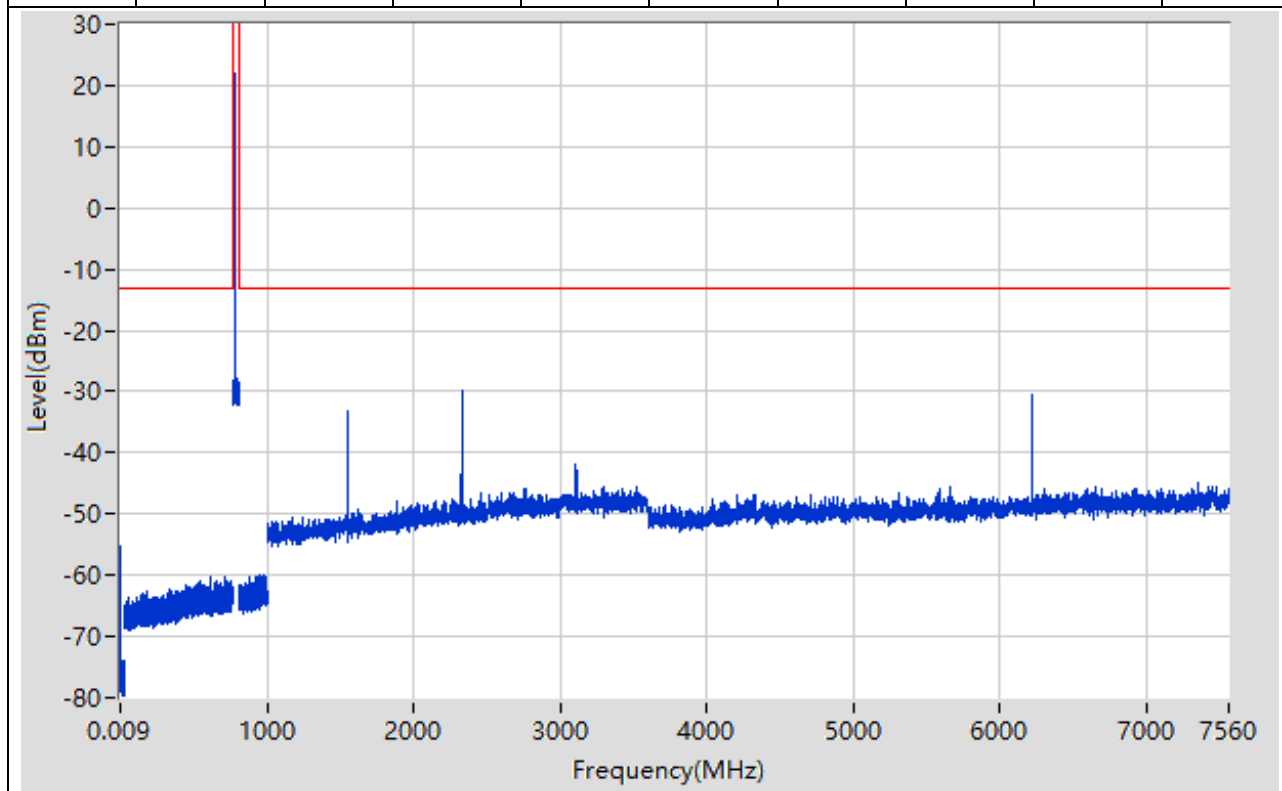
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.19	-13	47.19	Pass	401
0.15	30	0.01	RMS	0.15	-57.03	-13	44.03	Pass	2986
30	679	0.1	RMS	652.6	-59.85	-13	46.85	Pass	6491
679	736	0.1	RMS	707.7	22.53	60	37.47	Pass	571
736	1000	0.1	RMS	955.5	-59.55	-13	46.55	Pass	2641
1000	3000	1	RMS	2123	-29.41	-13	16.41	Pass	2001
3000	7460	1	RMS	5661	-42.16	-13	29.16	Pass	4461



5. Cat-M_Band13

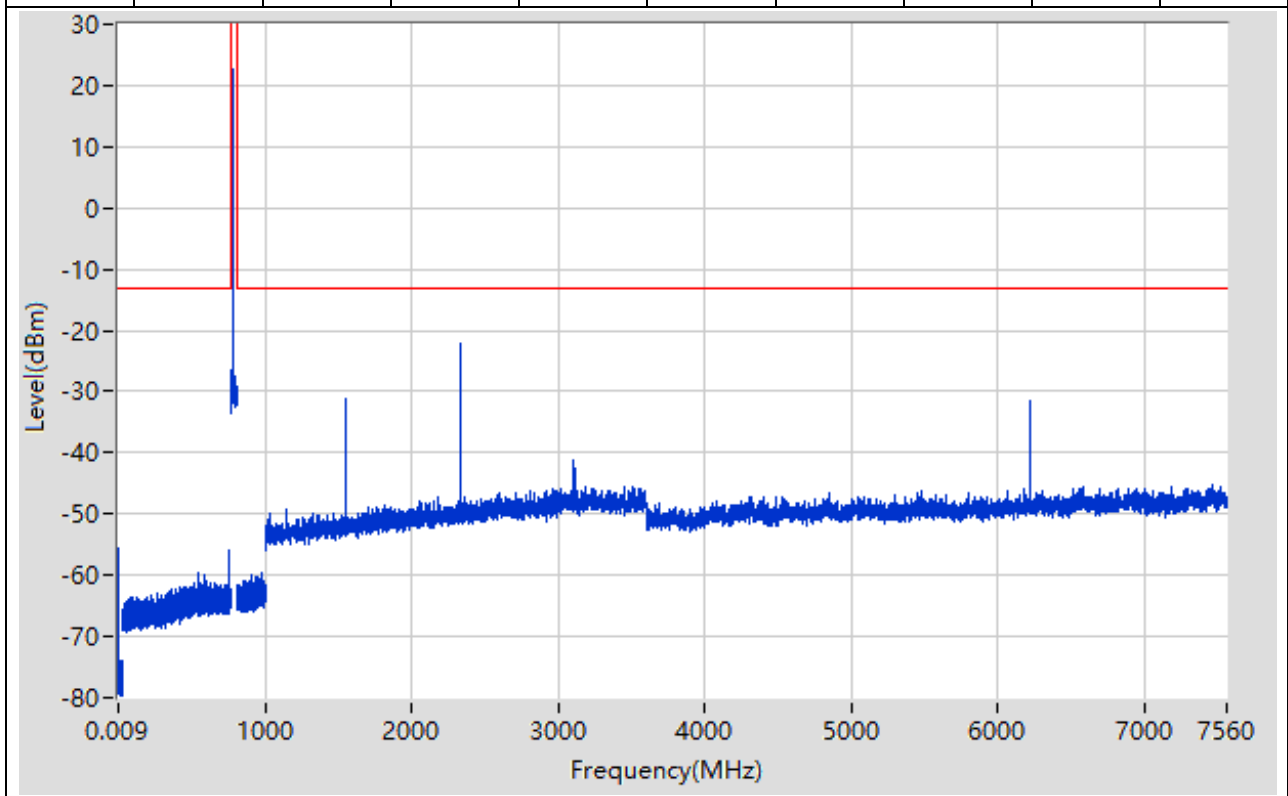
5.1. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-57.35	-13	44.35	Pass	401
0.15	30	0.01	RMS	0.15	-55.42	-13	42.42	Pass	2986
30	763	0.1	RMS	620.3	-60.17	-13	47.17	Pass	7331
763	805	0.1	RMS	777.3	22.04	60	37.96	Pass	421
805	1000	0.1	RMS	983.9	-59.89	-13	46.89	Pass	1951
1000	3000	1	RMS	2332	-29.95	-13	16.95	Pass	2001
3000	7560	1	RMS	6219	-30.6	-13	17.6	Pass	4561



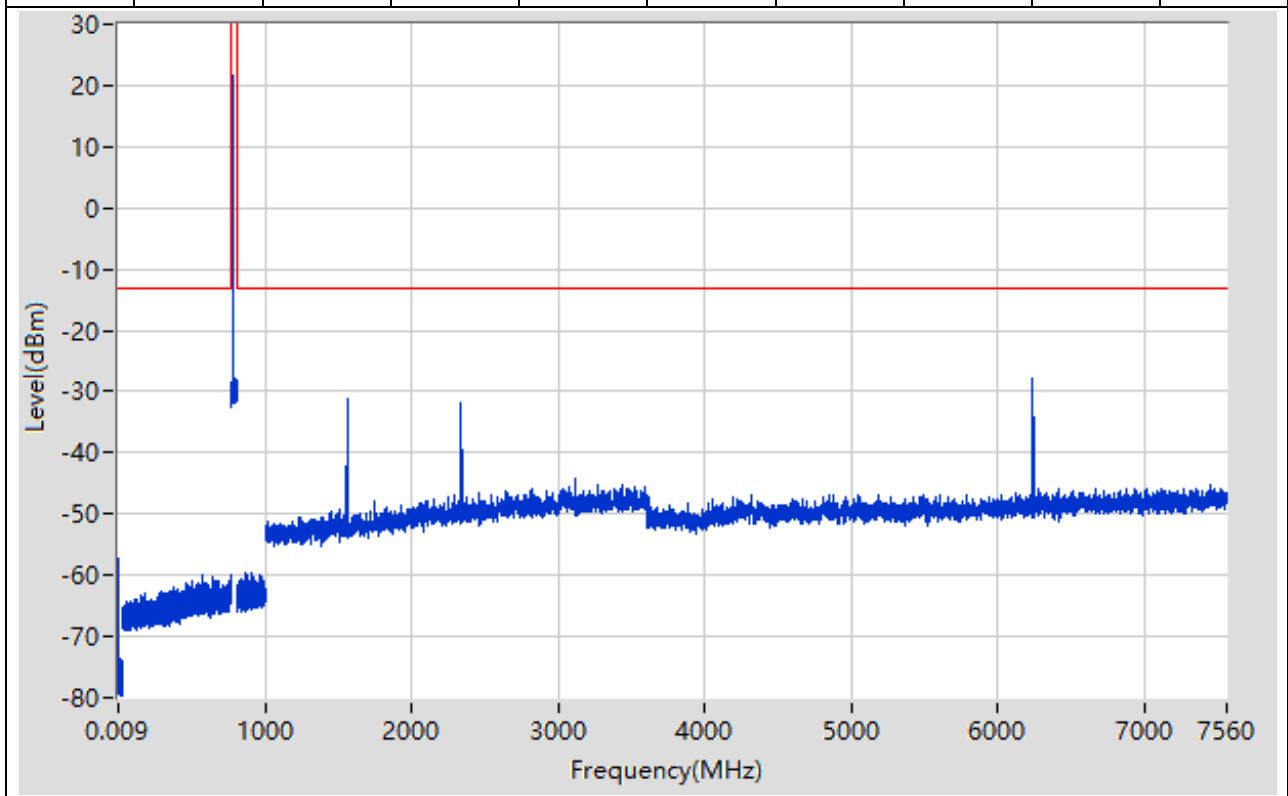
5.2. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.6	-13	44.6	Pass	401
0.15	30	0.01	RMS	0.16	-55.5	-13	42.5	Pass	2986
30	763	0.1	RMS	761.3	-55.77	-13	42.77	Pass	7331
763	805	0.1	RMS	777.3	22.63	60	37.37	Pass	421
805	1000	0.1	RMS	977.7	-59.72	-13	46.72	Pass	1951
1000	3000	1	RMS	2334	-22.17	-13	9.17	Pass	2001
3000	7560	1	RMS	6219	-31.64	-13	18.64	Pass	4561



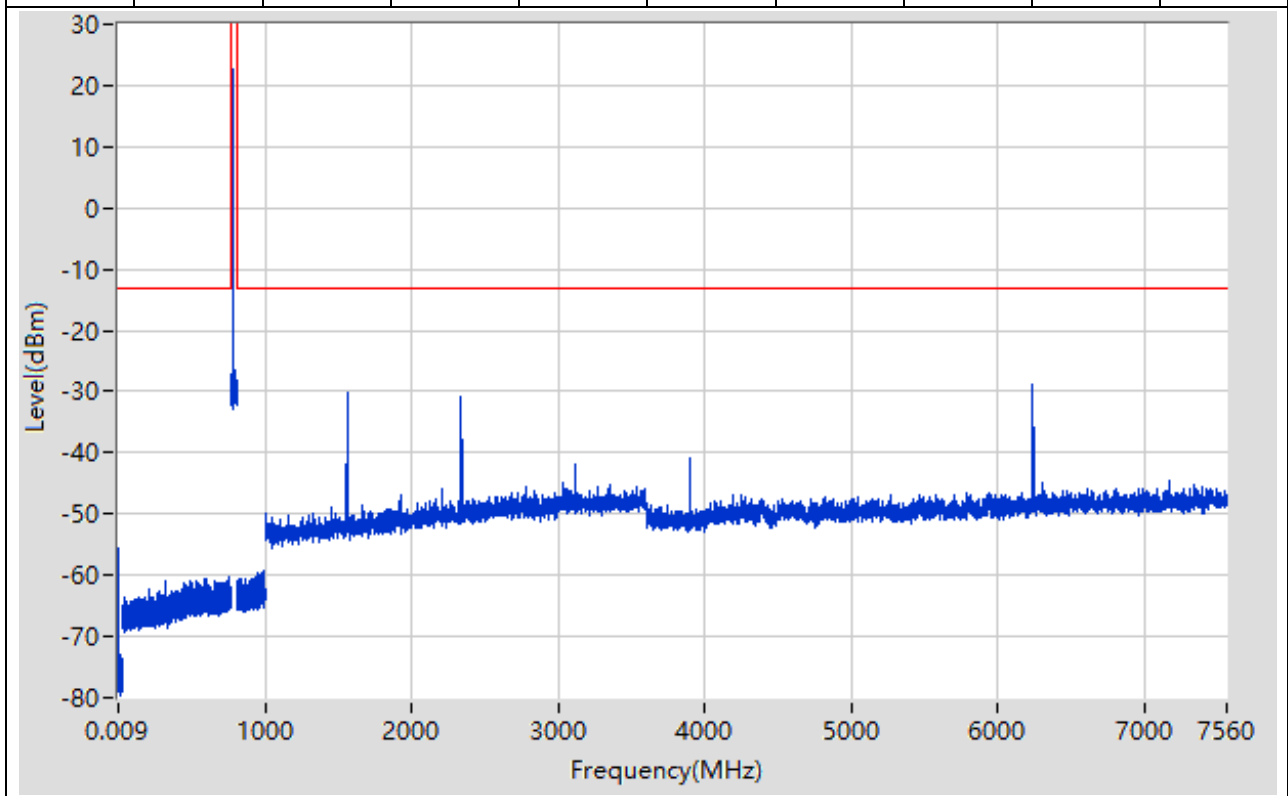
5.3. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.4	-13	44.4	Pass	401
0.15	30	0.01	RMS	0.15	-57.5	-13	44.5	Pass	2986
30	763	0.1	RMS	761.8	-59.82	-13	46.82	Pass	7331
763	805	0.1	RMS	779.8	21.59	60	38.41	Pass	421
805	1000	0.1	RMS	911.7	-59.71	-13	46.71	Pass	1951
1000	3000	1	RMS	1560	-31.11	-13	18.11	Pass	2001
3000	7560	1	RMS	6239	-27.74	-13	14.74	Pass	4561



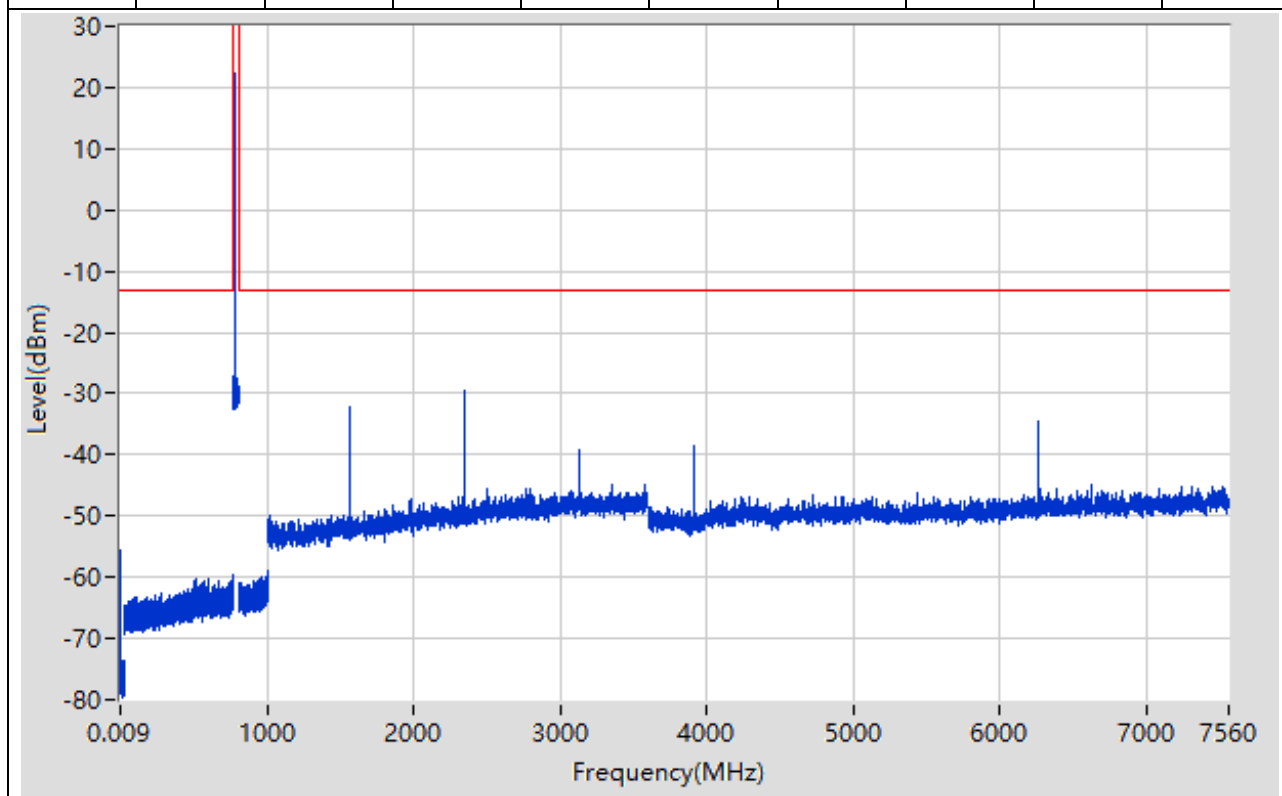
5.4. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.61	-13	44.61	Pass	401
0.15	30	0.01	RMS	0.16	-55.62	-13	42.62	Pass	2986
30	763	0.1	RMS	753.5	-60.2	-13	47.2	Pass	7331
763	805	0.1	RMS	779.8	22.74	60	37.26	Pass	421
805	1000	0.1	RMS	990.2	-59.25	-13	46.25	Pass	1951
1000	3000	1	RMS	1560	-30.27	-13	17.27	Pass	2001
3000	7560	1	RMS	6239	-28.8	-13	15.8	Pass	4561



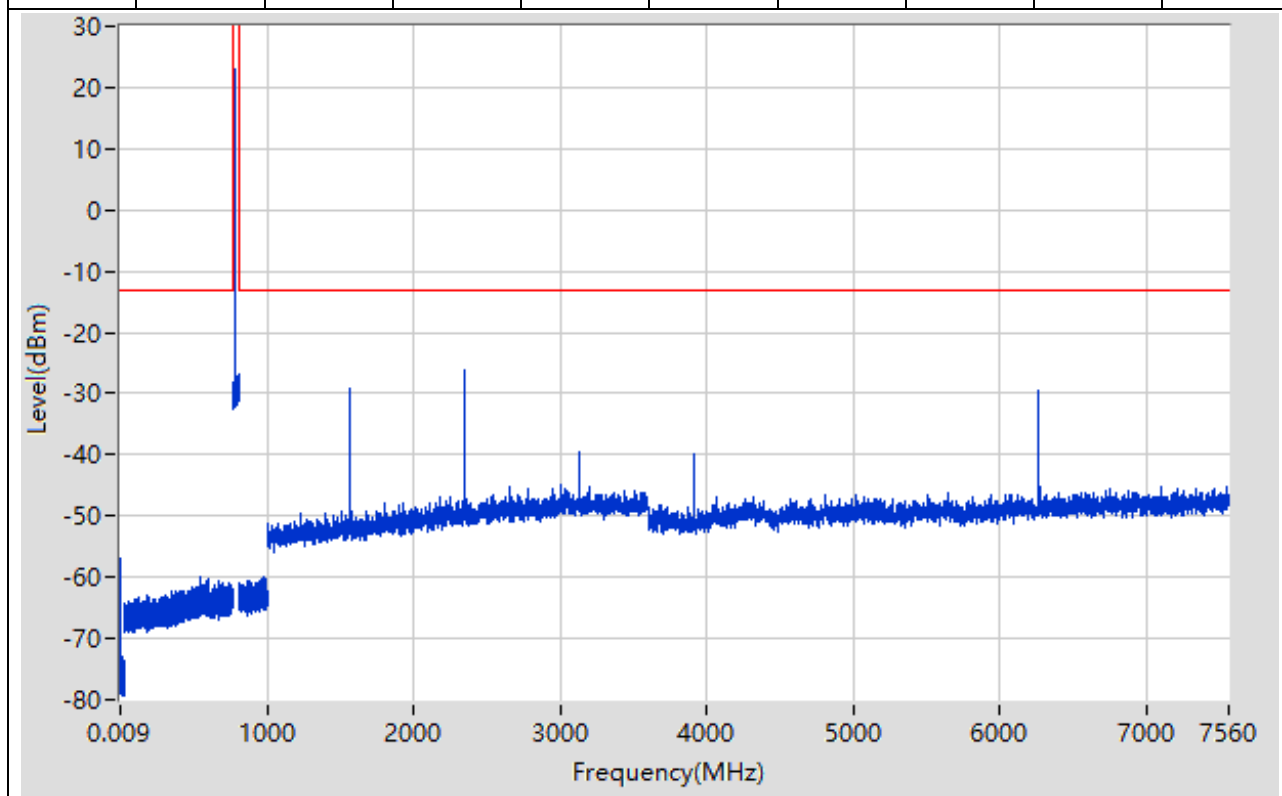
5.5. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:23255, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-58.41	-13	45.41	Pass	401
0.15	30	0.01	RMS	0.16	-55.59	-13	42.59	Pass	2986
30	763	0.1	RMS	761.8	-59.63	-13	46.63	Pass	7331
763	805	0.1	RMS	783.2	22.36	60	37.64	Pass	421
805	1000	0.1	RMS	999.2	-58.99	-13	45.99	Pass	1951
1000	3000	1	RMS	2350	-29.57	-13	16.57	Pass	2001
3000	7560	1	RMS	6266	-34.44	-13	21.44	Pass	4561



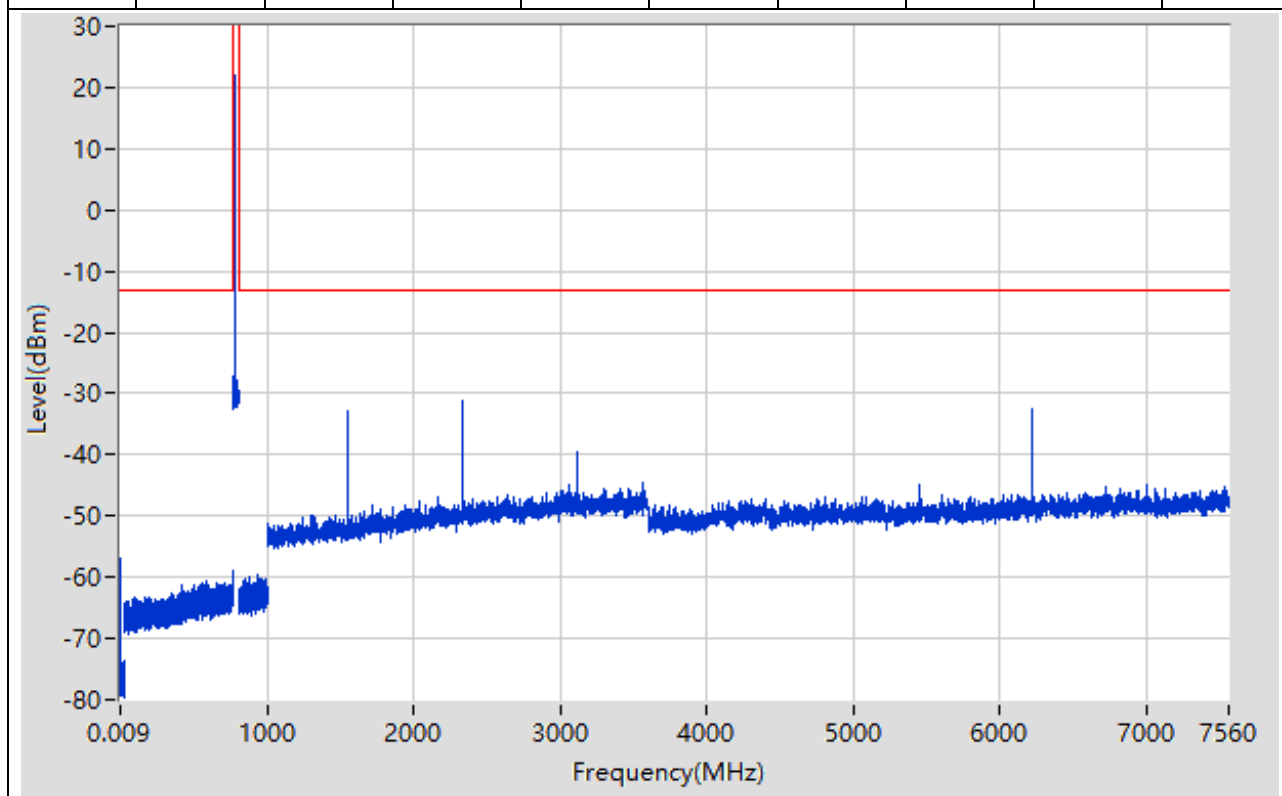
5.6. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.91	-13	44.91	Pass	401
0.15	30	0.01	RMS	0.15	-56.8	-13	43.8	Pass	2986
30	763	0.1	RMS	540.9	-60.06	-13	47.06	Pass	7331
763	805	0.1	RMS	783.2	22.92	60	37.08	Pass	421
805	1000	0.1	RMS	981.1	-59.88	-13	46.88	Pass	1951
1000	3000	1	RMS	2350	-26.31	-13	13.31	Pass	2001
3000	7560	1	RMS	6266	-29.45	-13	16.45	Pass	4561



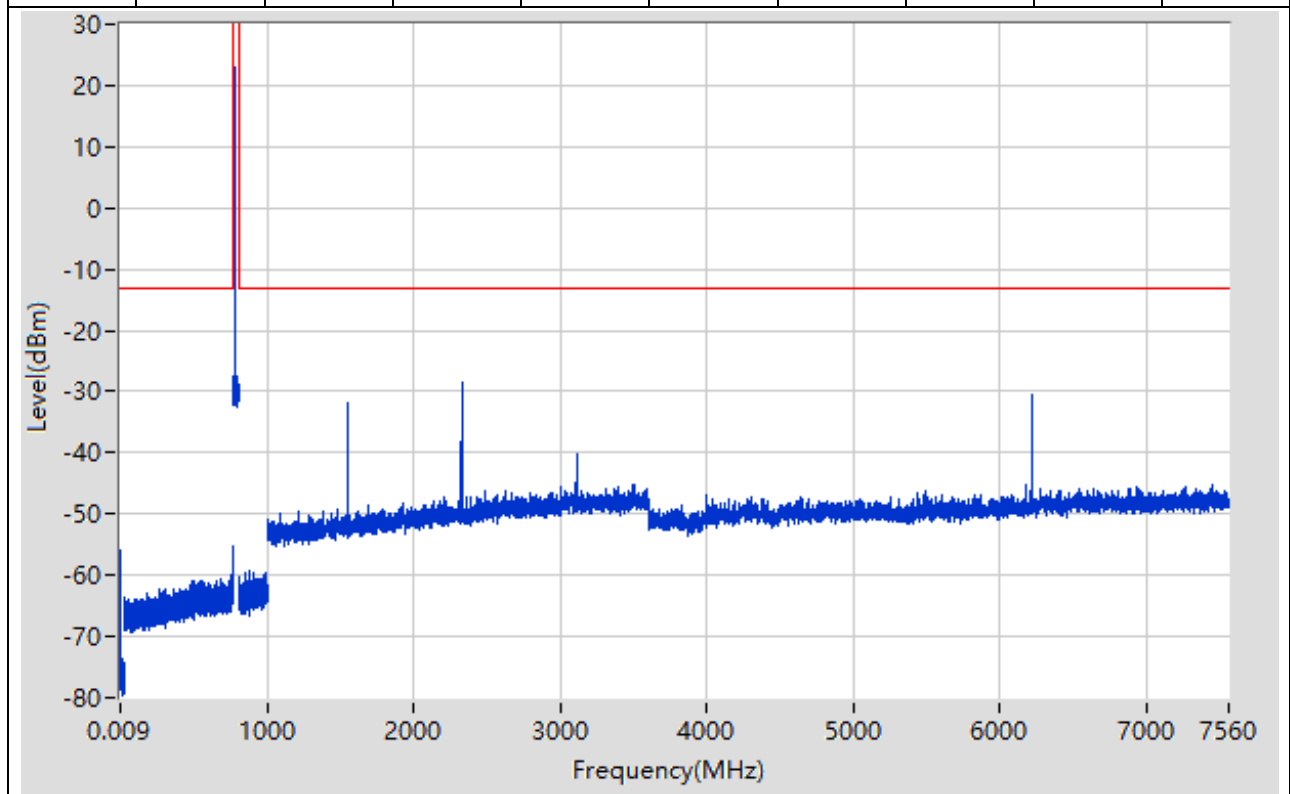
5.7. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:23230, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.19	-13	44.19	Pass	401
0.15	30	0.01	RMS	0.15	-57.03	-13	44.03	Pass	2986
30	763	0.1	RMS	762.8	-58.79	-13	45.79	Pass	7331
763	805	0.1	RMS	777.8	21.86	60	38.14	Pass	421
805	1000	0.1	RMS	931	-59.61	-13	46.61	Pass	1951
1000	3000	1	RMS	2333	-31.05	-13	18.05	Pass	2001
3000	7560	1	RMS	6222	-32.6	-13	19.6	Pass	4561



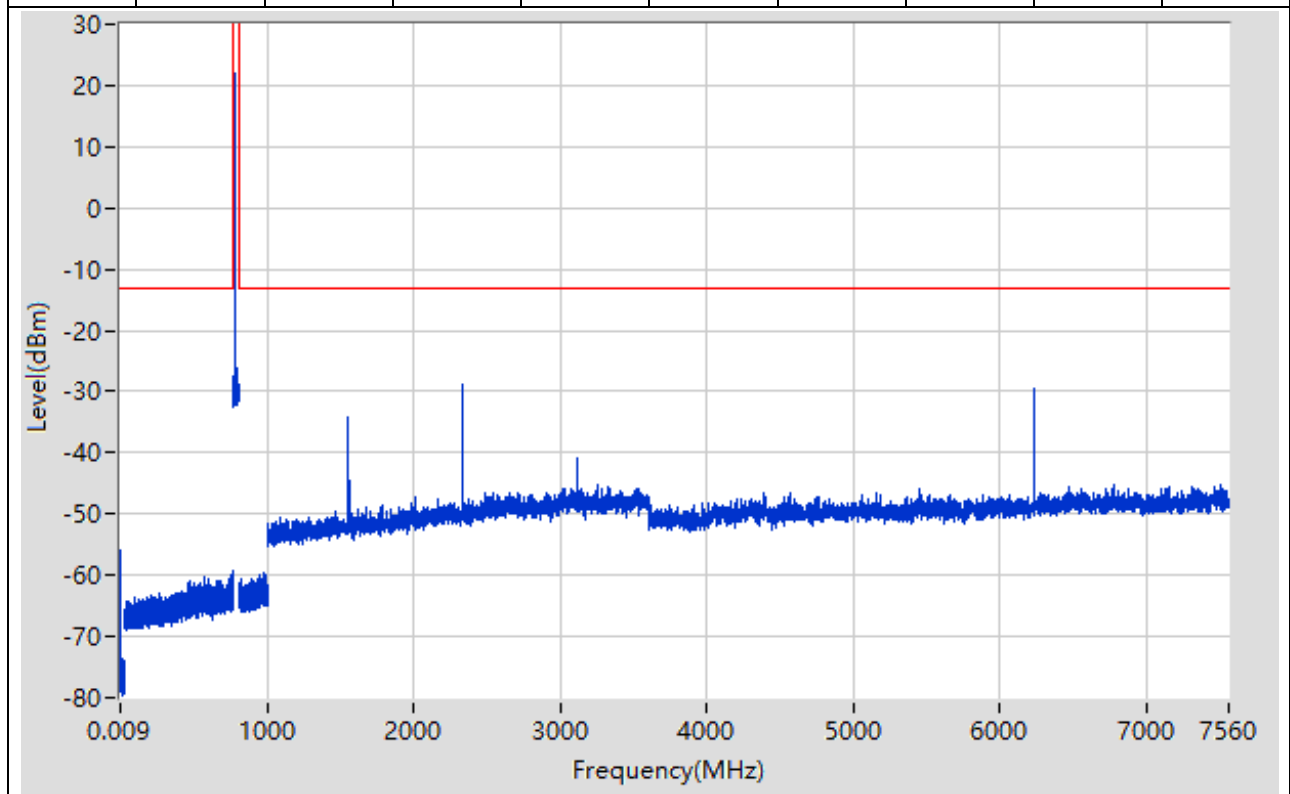
5.8. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.42	-13	44.42	Pass	401
0.15	30	0.01	RMS	0.15	-55.82	-13	42.82	Pass	2986
30	763	0.1	RMS	762.5	-55.33	-13	42.33	Pass	7331
763	805	0.1	RMS	777.8	22.9	60	37.1	Pass	421
805	1000	0.1	RMS	877.7	-59.27	-13	46.27	Pass	1951
1000	3000	1	RMS	2333	-28.47	-13	15.47	Pass	2001
3000	7560	1	RMS	6222	-30.44	-13	17.44	Pass	4561



5.9. Cat-M Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:23230, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

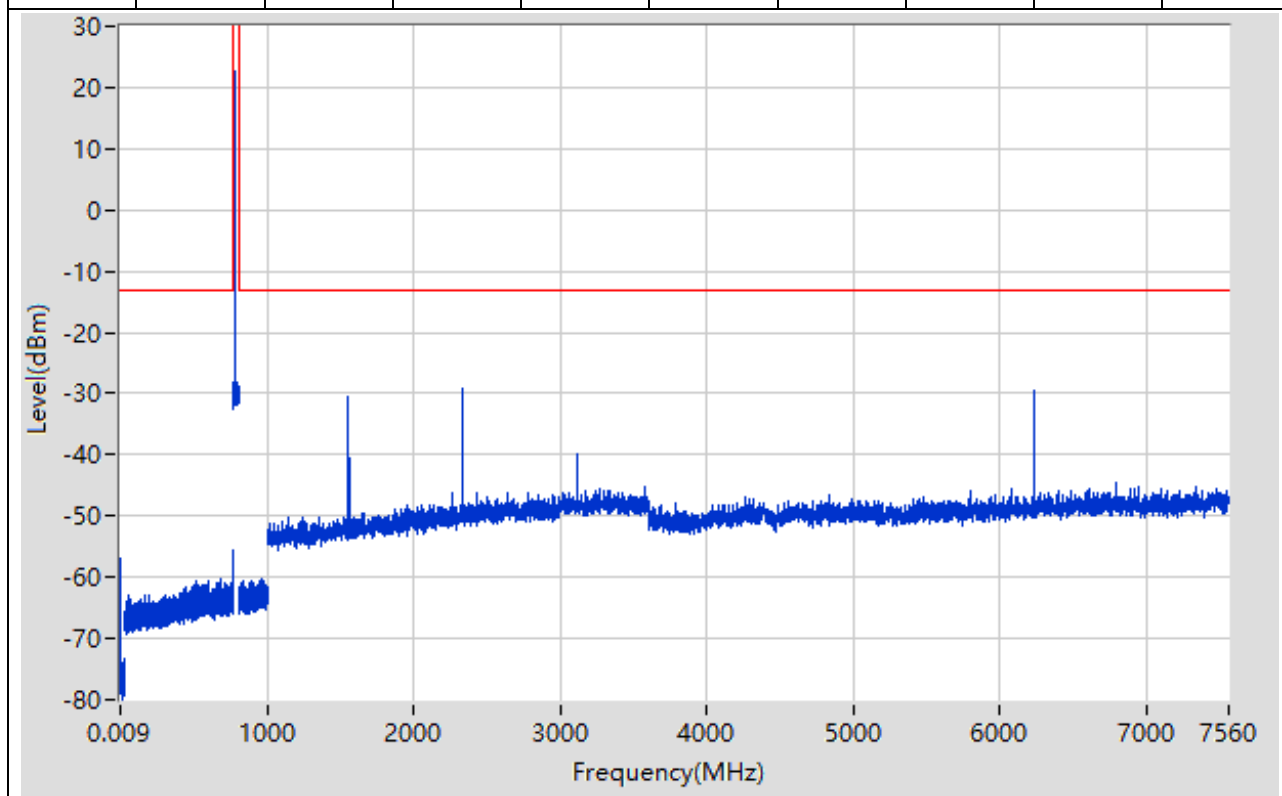
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.72	-13	43.72	Pass	401
0.15	30	0.01	RMS	0.15	-55.97	-13	42.97	Pass	2986
30	763	0.1	RMS	762.5	-59.37	-13	46.37	Pass	7331
763	805	0.1	RMS	778.6	22.11	60	37.89	Pass	421
805	1000	0.1	RMS	980.9	-59.48	-13	46.48	Pass	1951
1000	3000	1	RMS	2336	-28.78	-13	15.78	Pass	2001
3000	7560	1	RMS	6229	-29.4	-13	16.4	Pass	4561



5.10. Cat-M Spurious Emission at Antenna

Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

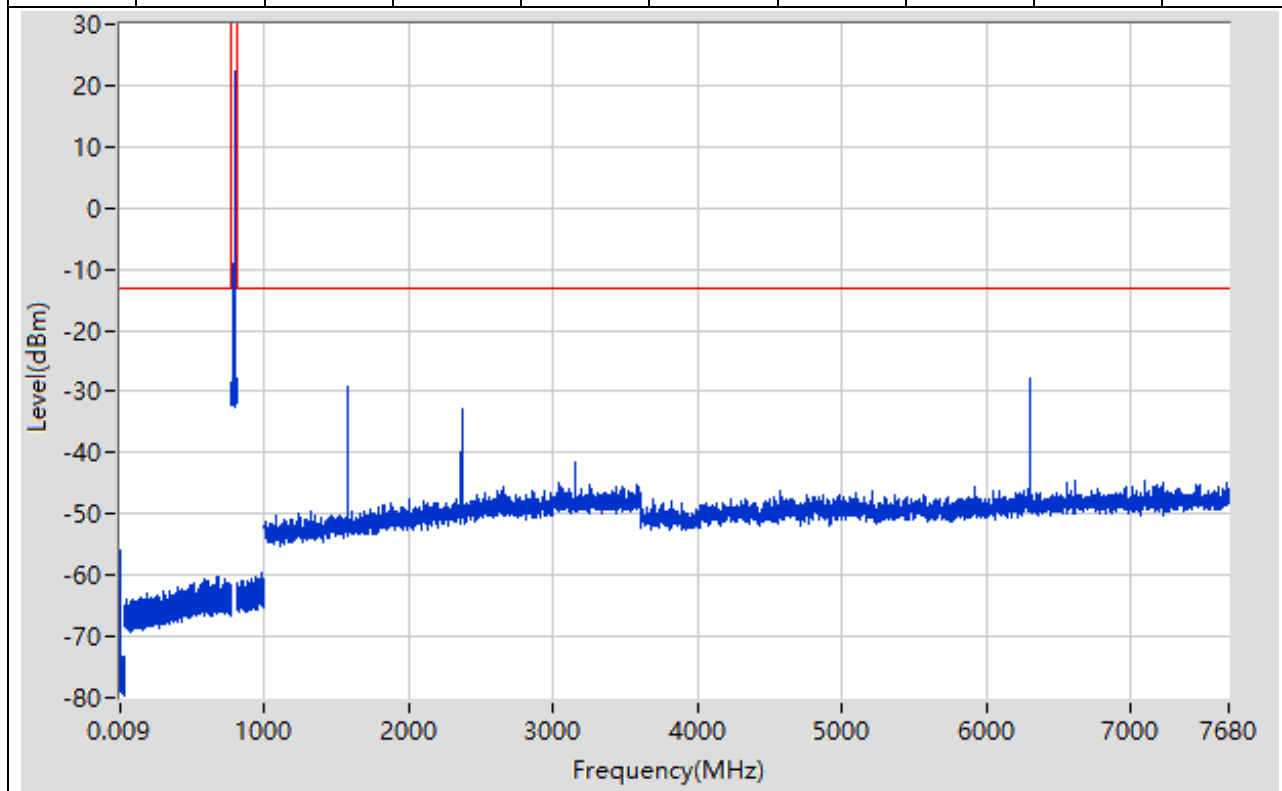
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.01	-13	44.01	Pass	401
0.15	30	0.01	RMS	0.15	-57.66	-13	44.66	Pass	2986
30	763	0.1	RMS	762.1	-55.65	-13	42.65	Pass	7331
763	805	0.1	RMS	778.6	22.69	60	37.31	Pass	421
805	1000	0.1	RMS	966.3	-60.2	-13	47.2	Pass	1951
1000	3000	1	RMS	2336	-29.15	-13	16.15	Pass	2001
3000	7560	1	RMS	6229	-29.55	-13	16.55	Pass	4561



6. Cat-M_Band14

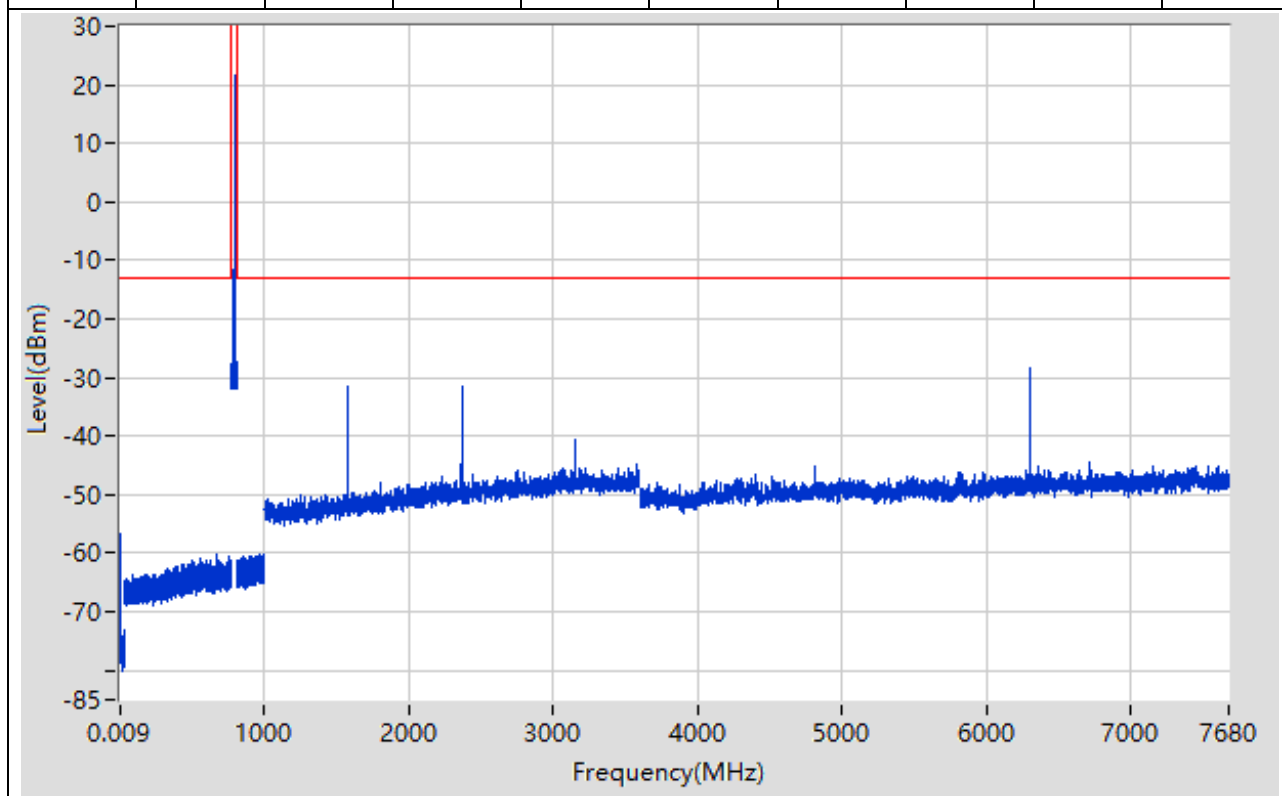
6.1. Cat-M Spurious Emission at Antenna Terminals_Part90(NTNV)(Subtest:1, Channel:23305, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.09	-13	44.09	Pass	401
0.15	30	0.01	RMS	0.15	-55.76	-13	42.76	Pass	2986
30	769	0.1	RMS	681.8	-60.21	-13	47.21	Pass	7391
769	805	0.1	RMS	788.35	22.19	60	37.81	Pass	401
805	1000	0.1	RMS	978.7	-59.73	-13	46.73	Pass	1951
1000	3000	1	RMS	1577	-29.15	-13	16.15	Pass	2001
3000	7680	1	RMS	6307	-27.71	-13	14.71	Pass	4681



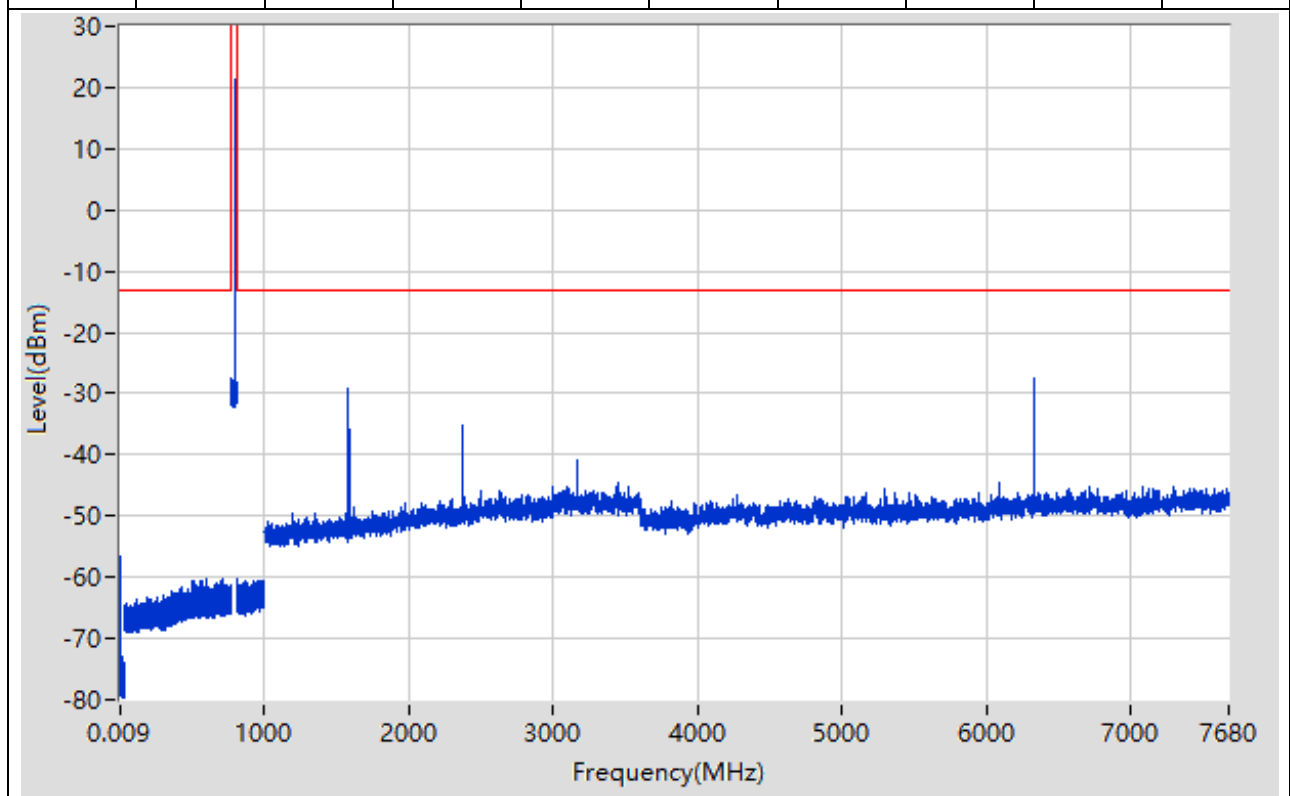
6.2. Cat-M Spurious Emission at Antenna Terminals_Part90(NTNV)(Subtest:2, Channel:23305, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.02	-13	44.02	Pass	401
0.15	30	0.01	RMS	0.15	-56.85	-13	43.85	Pass	2986
30	769	0.1	RMS	664.8	-60.28	-13	47.28	Pass	7391
769	805	0.1	RMS	788.26	21.74	60	38.26	Pass	401
805	1000	0.1	RMS	990.4	-60.29	-13	47.29	Pass	1951
1000	3000	1	RMS	2365	-31.45	-13	18.45	Pass	2001
3000	7680	1	RMS	6307	-28.39	-13	15.39	Pass	4681



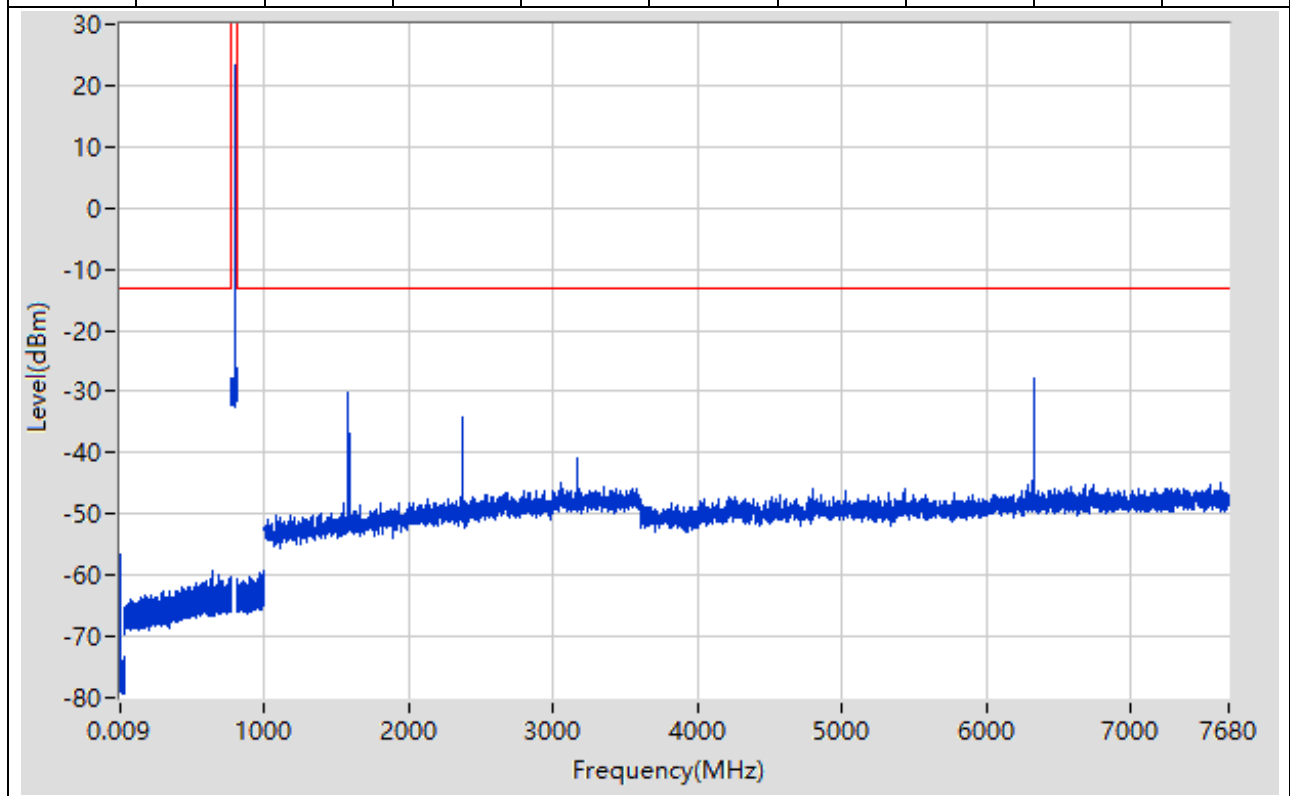
6.3. Cat-M Spurious Emission at Antenna Terminals_Part90(NTNV)(Subtest:3, Channel:23330, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-56.75	-13	43.75	Pass	401
0.15	30	0.01	RMS	0.15	-56.98	-13	43.98	Pass	2986
30	769	0.1	RMS	705.7	-60.19	-13	47.19	Pass	7391
769	805	0.1	RMS	790.78	21.21	60	38.79	Pass	401
805	1000	0.1	RMS	807.4	-60.39	-13	47.39	Pass	1951
1000	3000	1	RMS	1582	-29.15	-13	16.15	Pass	2001
3000	7680	1	RMS	6327	-27.53	-13	14.53	Pass	4681



6.4. Cat-M Spurious Emission at Antenna Terminals_Part90(NTNV)(Subtest:4, Channel:23330, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.8	-13	43.8	Pass	401
0.15	30	0.01	RMS	0.16	-56.47	-13	43.47	Pass	2986
30	769	0.1	RMS	634.6	-59.17	-13	46.17	Pass	7391
769	805	0.1	RMS	790.78	23.26	60	36.74	Pass	401
805	1000	0.1	RMS	987.7	-59.39	-13	46.39	Pass	1951
1000	3000	1	RMS	1582	-30.04	-13	17.04	Pass	2001
3000	7680	1	RMS	6326	-27.7	-13	14.7	Pass	4681



6.5. Cat-M Spurious Emission at Antenna Terminals_Part90(NTNV)(Subtest:5, Channel:23355, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.66	-13	42.66	Pass	401
0.15	30	0.01	RMS	0.15	-55.65	-13	42.65	Pass	2986
30	769	0.1	RMS	759.9	-59.27	-13	46.27	Pass	7391
769	805	0.1	RMS	794.2	22.33	60	37.67	Pass	401
805	1000	0.1	RMS	806.1	-48.39	-13	35.39	Pass	1951
1000	3000	1	RMS	1588	-30.42	-13	17.42	Pass	2001
3000	7680	1	RMS	6354	-27.53	-13	14.53	Pass	4681

