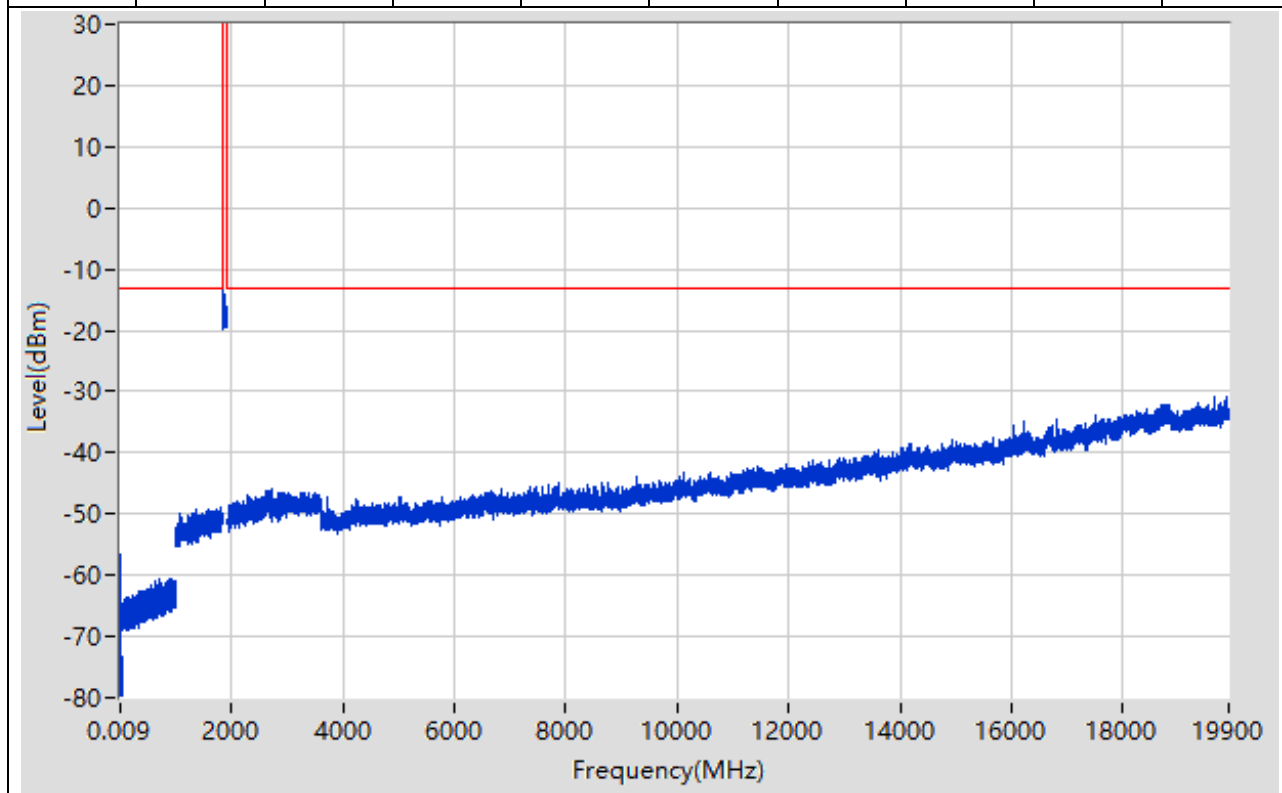


# **Annex A.5 Spurious Emission at Antenna Terminals**

## 1. Cat-M\_Band2

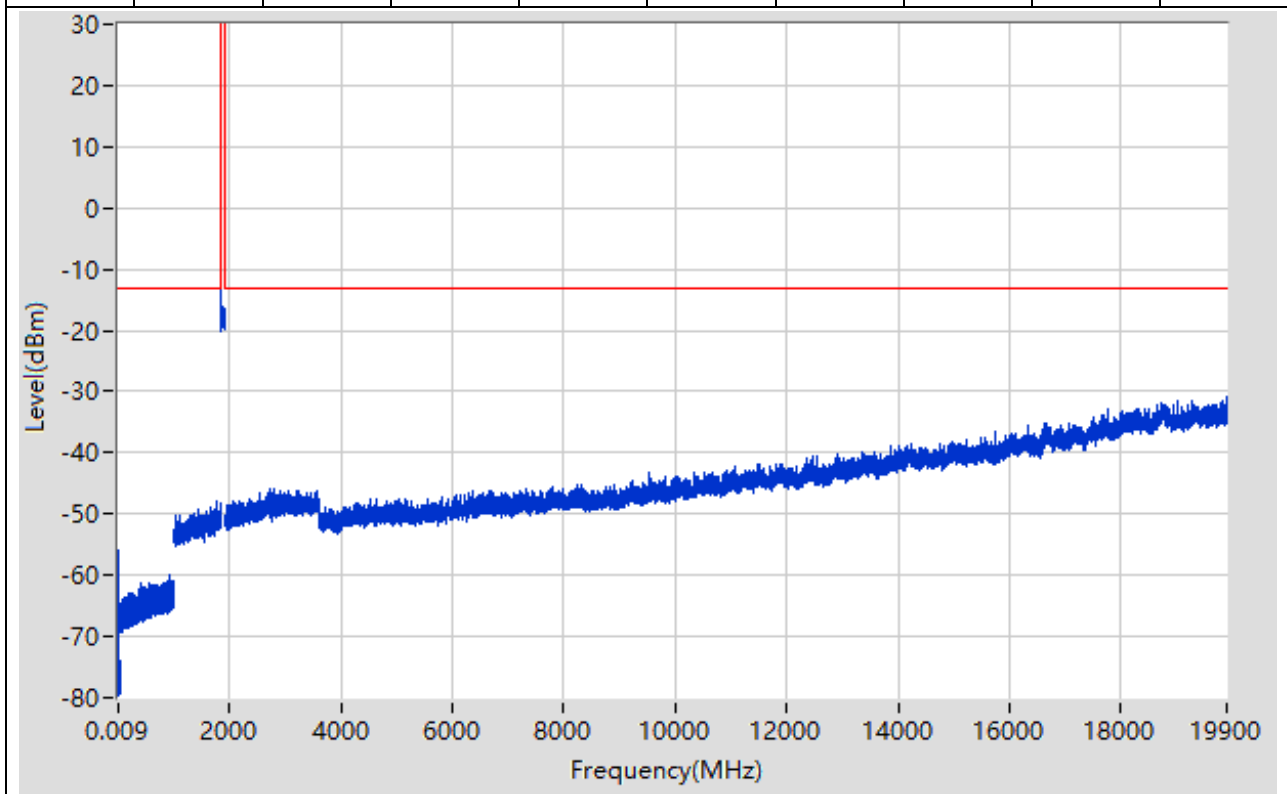
### 1.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:18625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



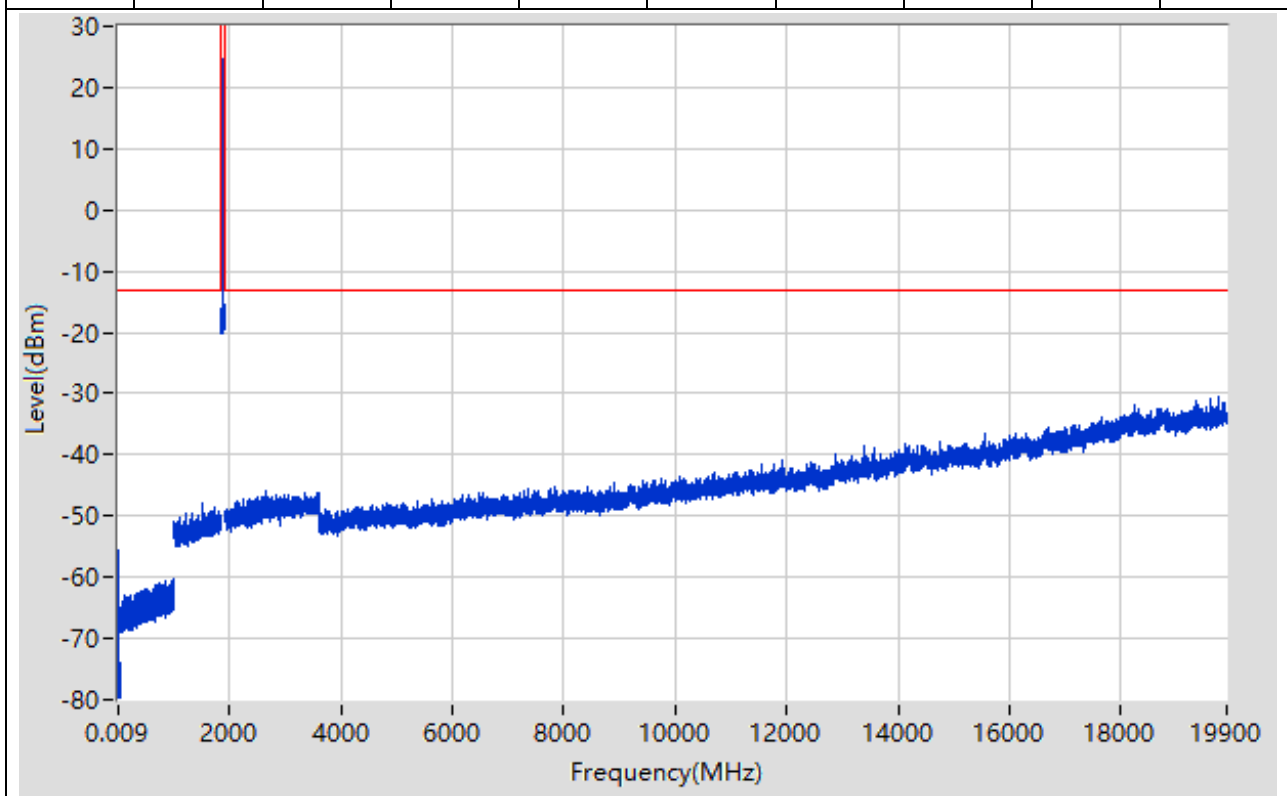
**1.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:18625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



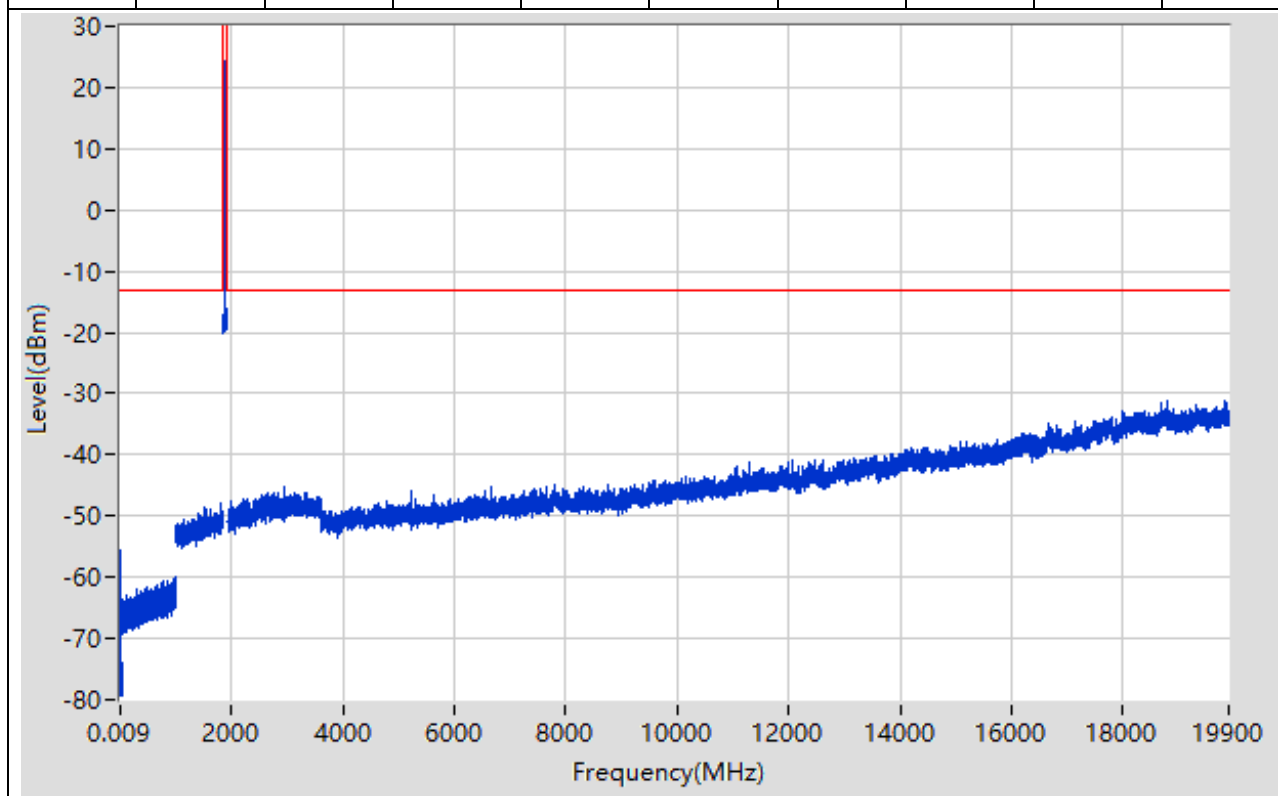
**1.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



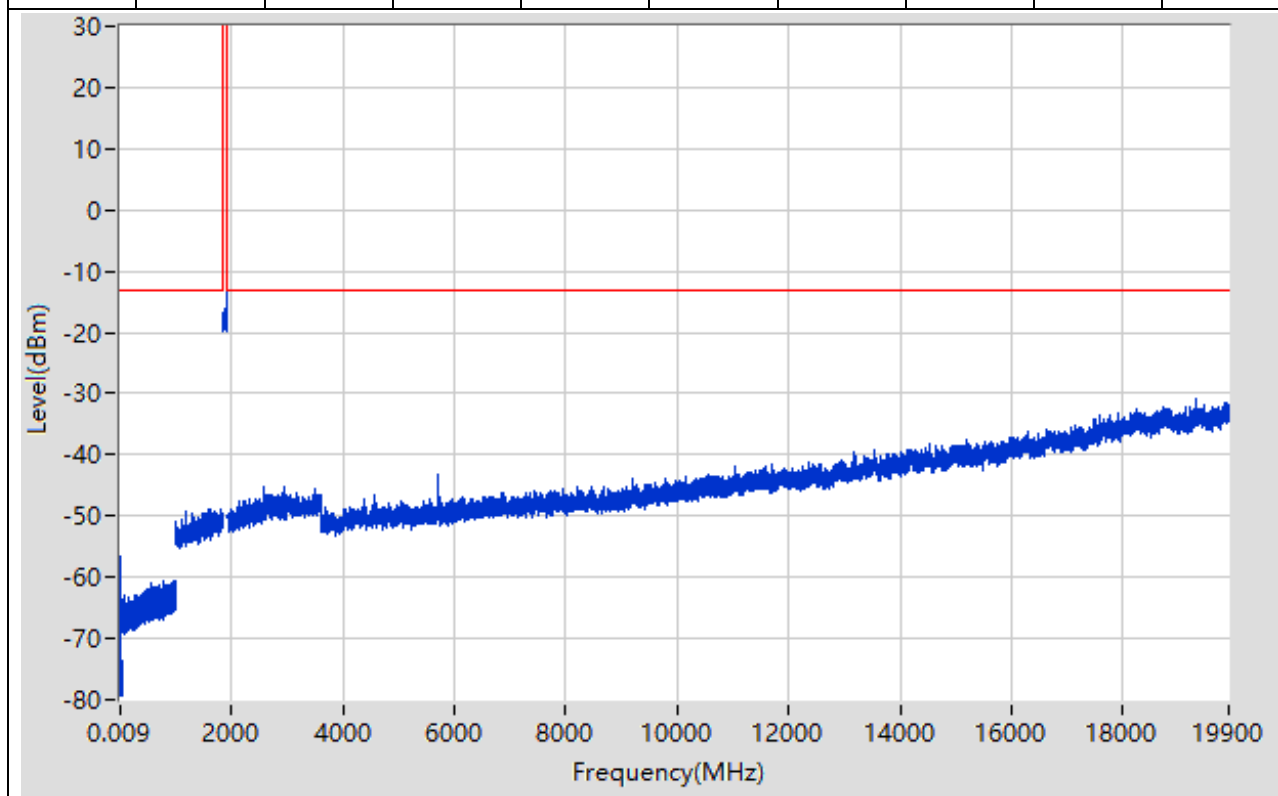
**1.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



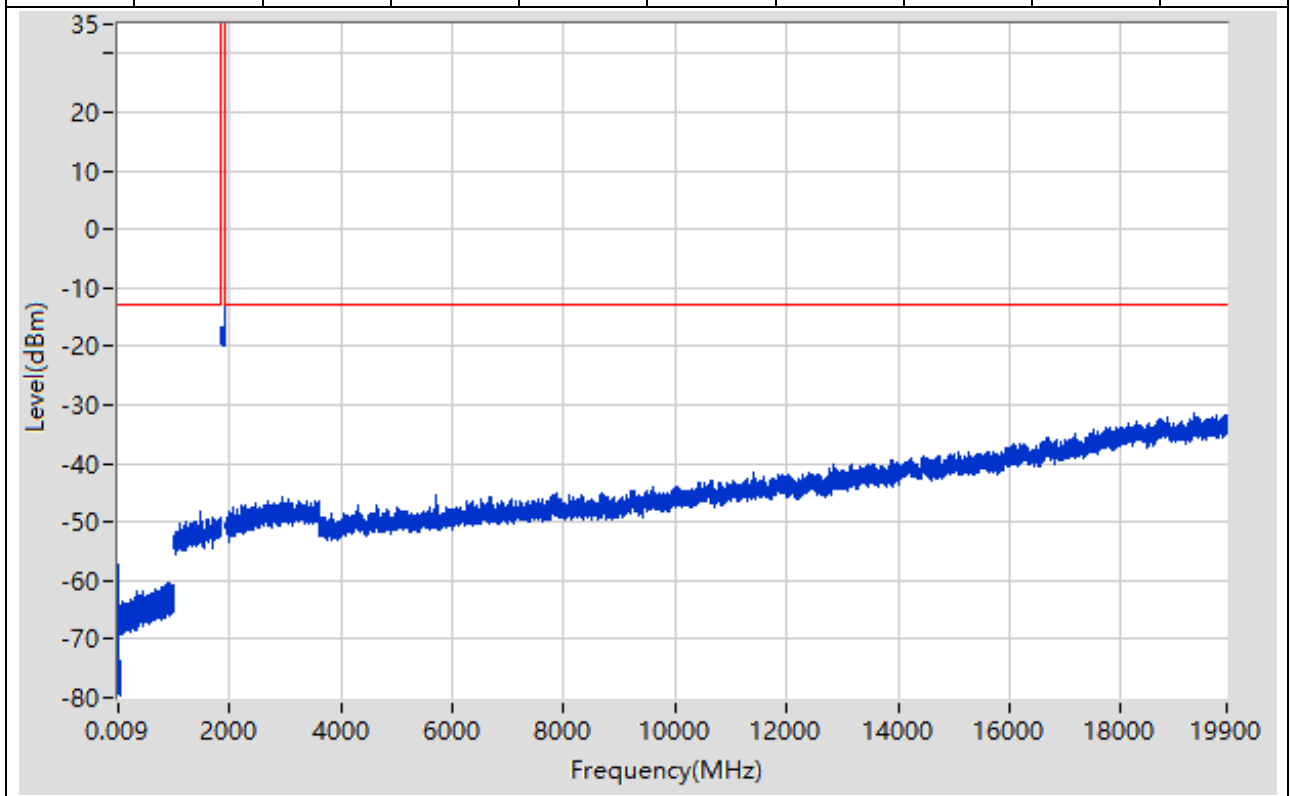
**1.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:19175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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



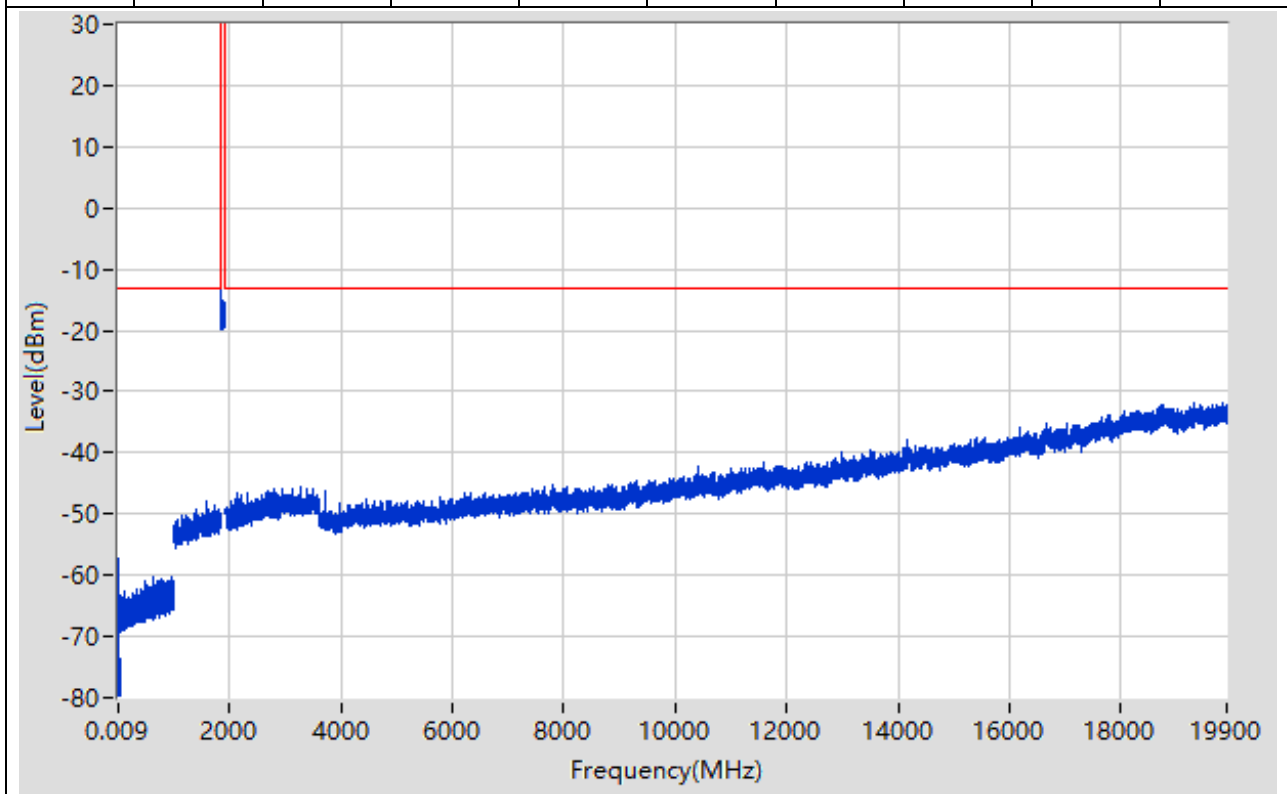
**1.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:19175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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)**

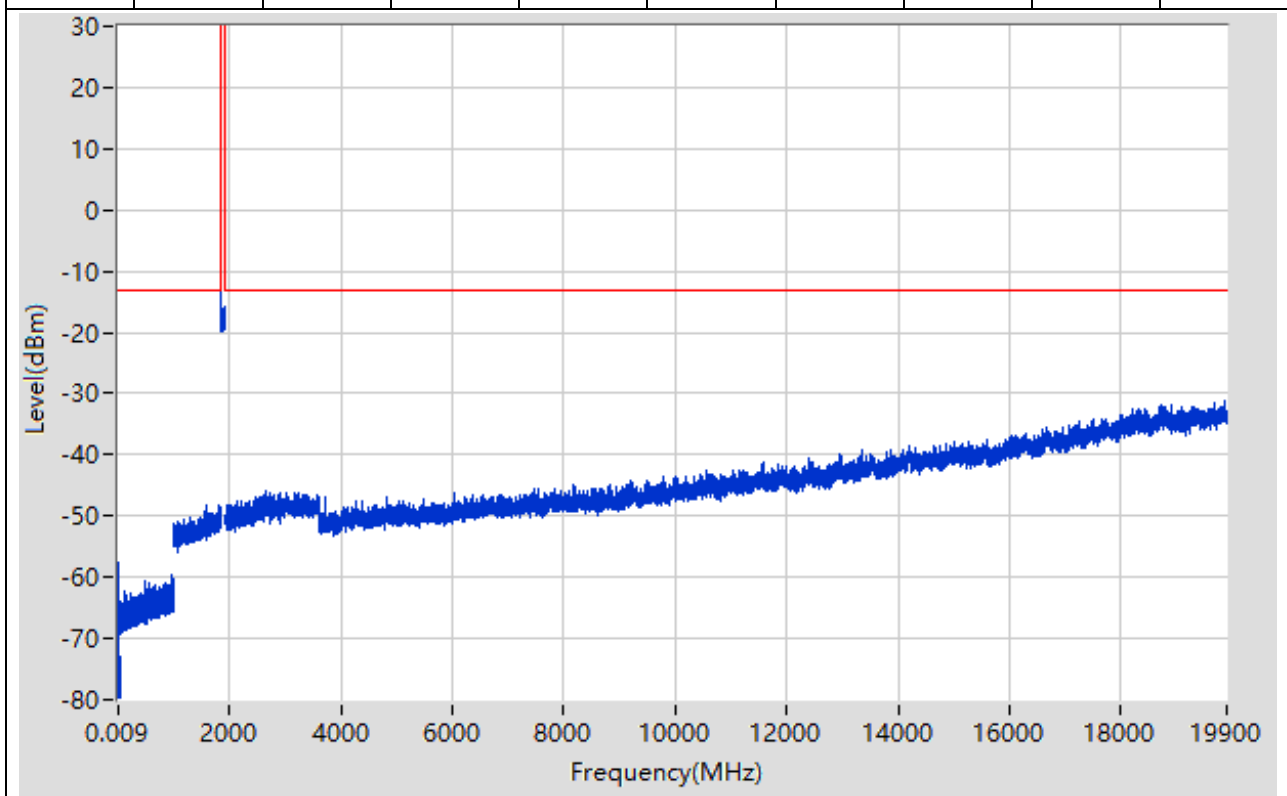
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.28	-13	44.28	Pass	401
0.15	30	0.01	RMS	0.17	-59.8	-13	46.8	Pass	2986
30	1000	0.1	RMS	958.2	-60.18	-13	47.18	Pass	9701
1000	1830	1	RMS	1575	-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





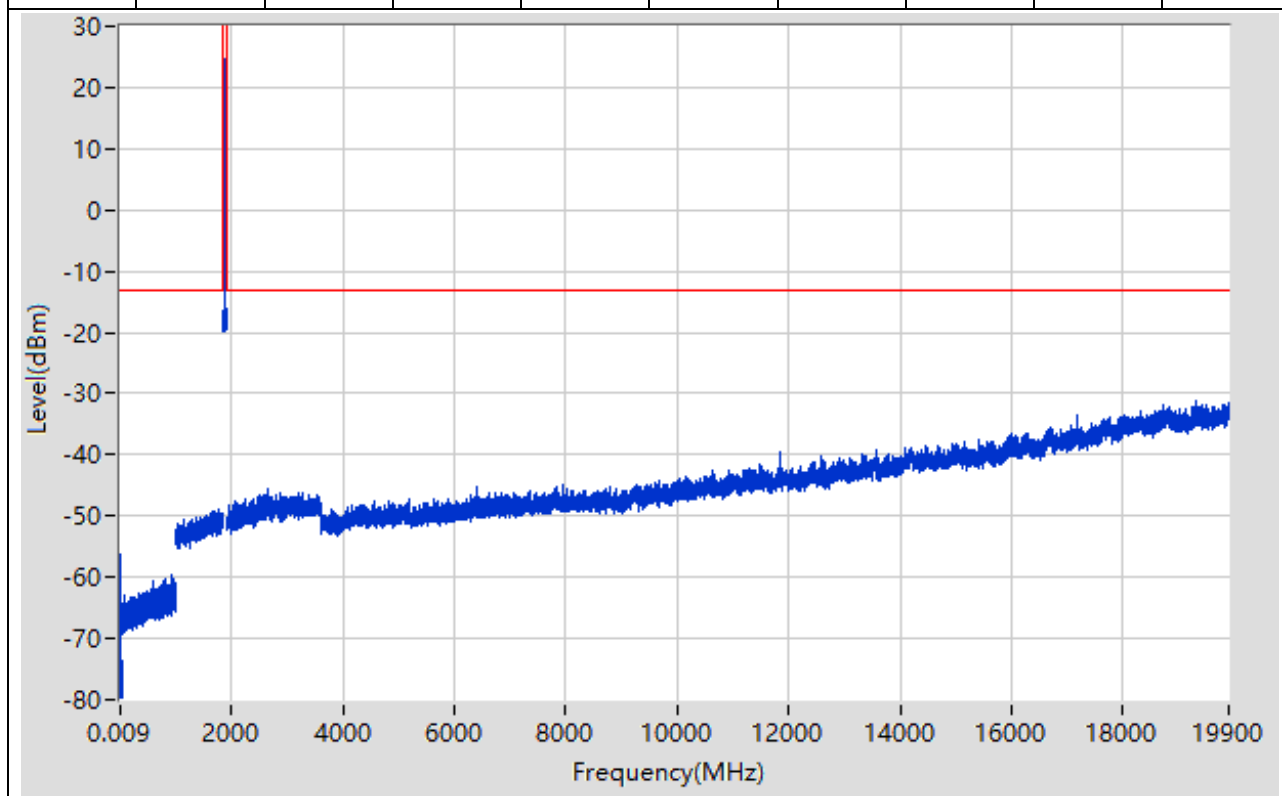
**1.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:18650, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

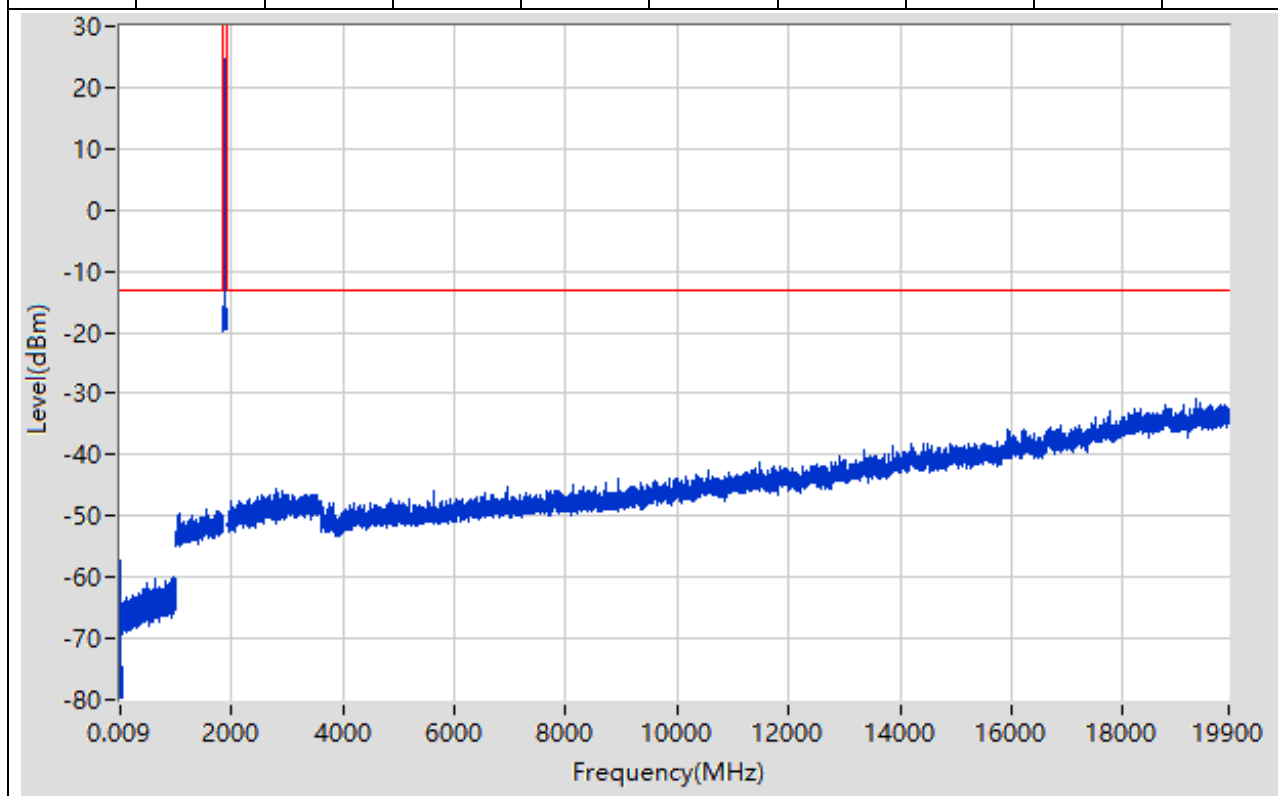
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.38	-13	43.38	Pass	401
0.15	30	0.01	RMS	0.15	-59.76	-13	46.76	Pass	2986
30	1000	0.1	RMS	934	-59.5	-13	46.5	Pass	9701
1000	1830	1	RMS	1779	-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)

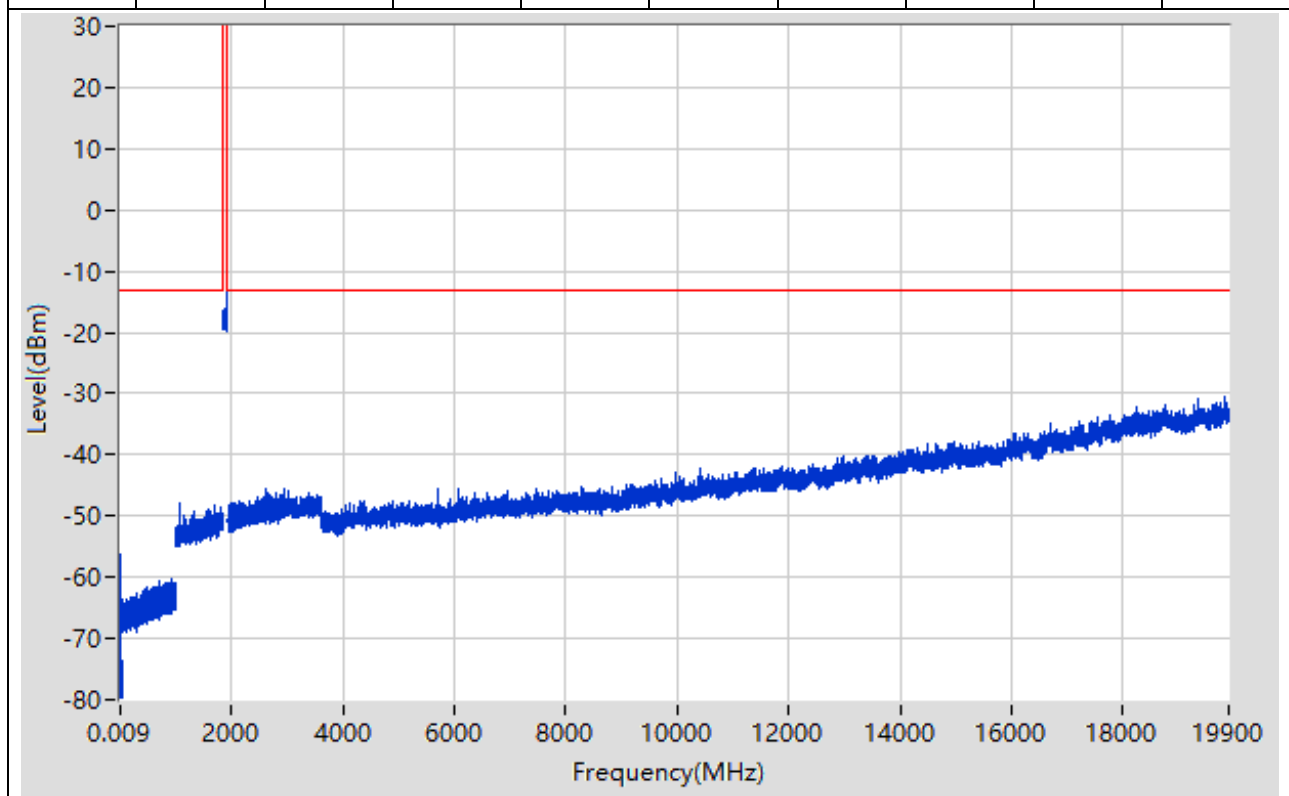
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.16	-13	44.16	Pass	401
0.15	30	0.01	RMS	0.15	-58.55	-13	45.55	Pass	2986
30	1000	0.1	RMS	968.1	-59.81	-13	46.81	Pass	9701
1000	1830	1	RMS	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)

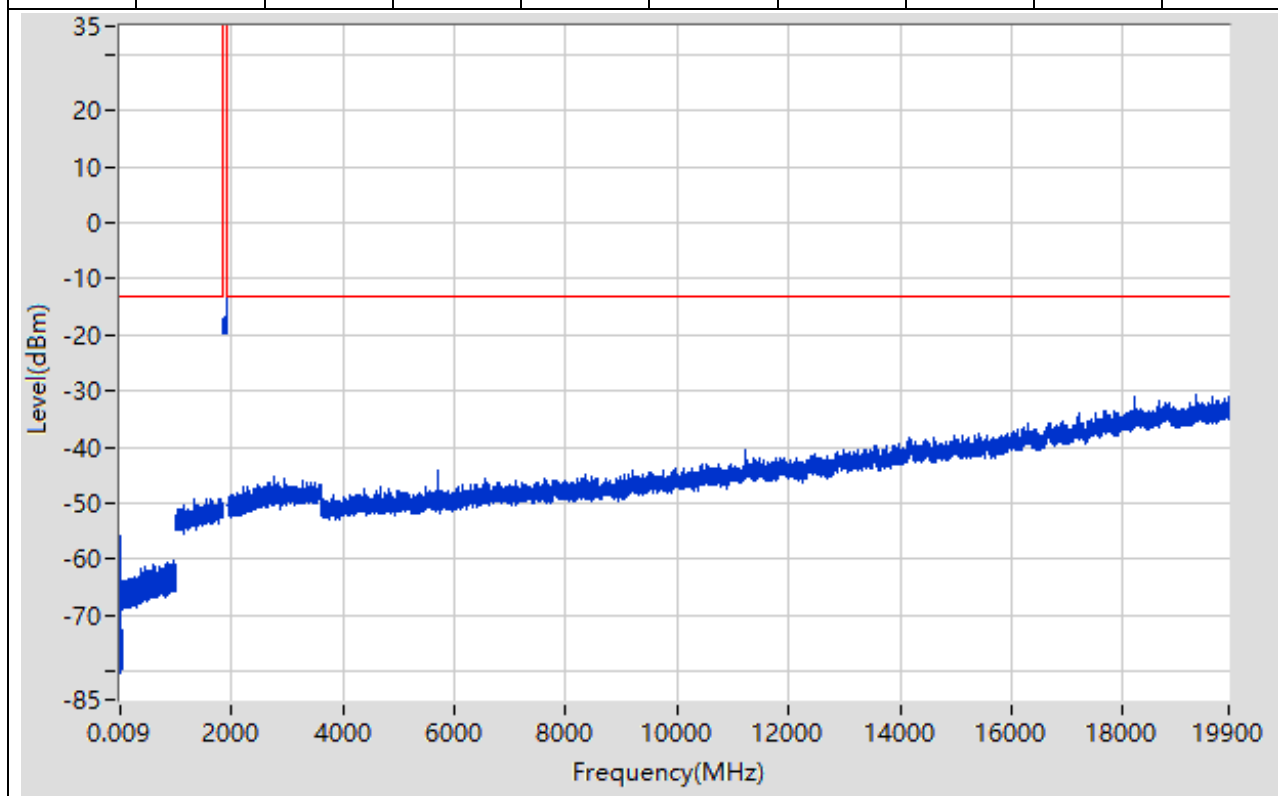
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.25	-13	43.25	Pass	401
0.15	30	0.01	RMS	0.17	-59.33	-13	46.33	Pass	2986
30	1000	0.1	RMS	919.7	-60.33	-13	47.33	Pass	9701
1000	1830	1	RMS	1082	-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)

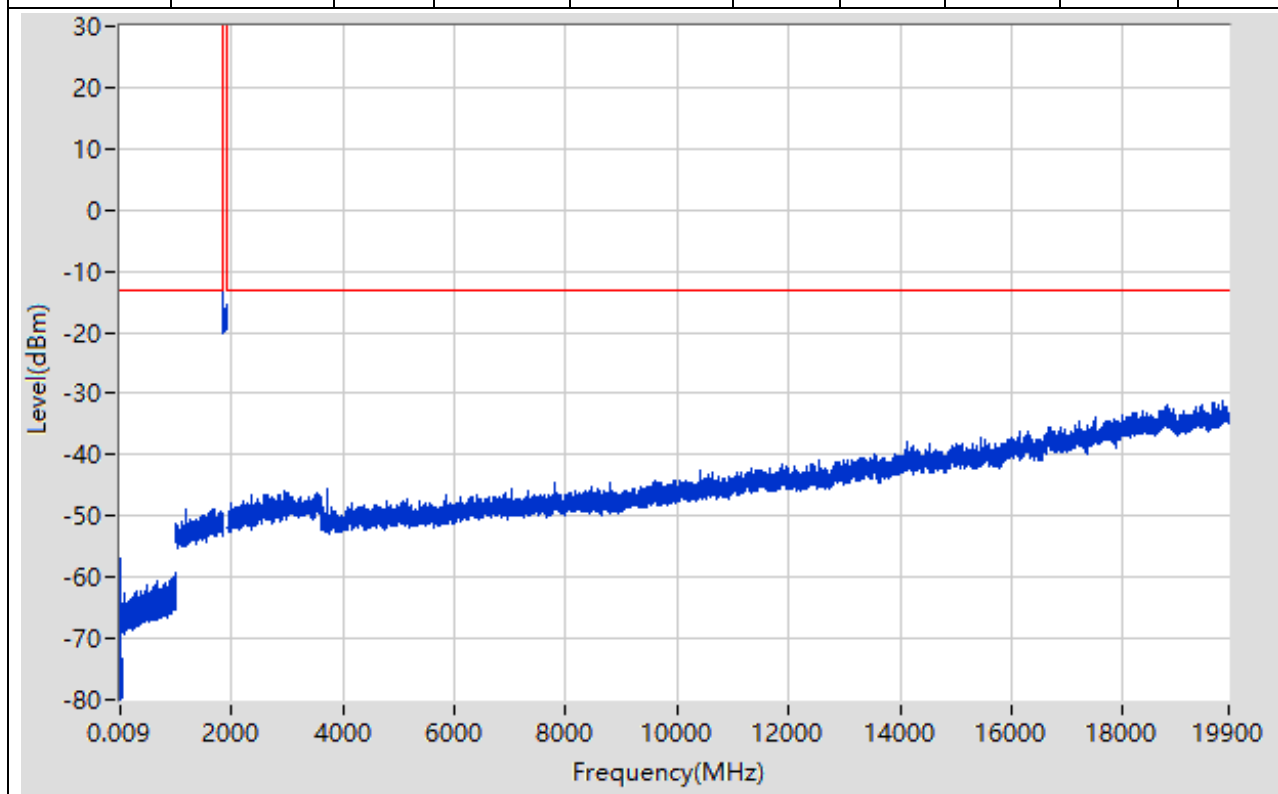
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.61	-13	43.61	Pass	401
0.15	30	0.01	RMS	0.15	-55.88	-13	42.88	Pass	2986
30	1000	0.1	RMS	974.6	-60.11	-13	47.11	Pass	9701
1000	1830	1	RMS	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)

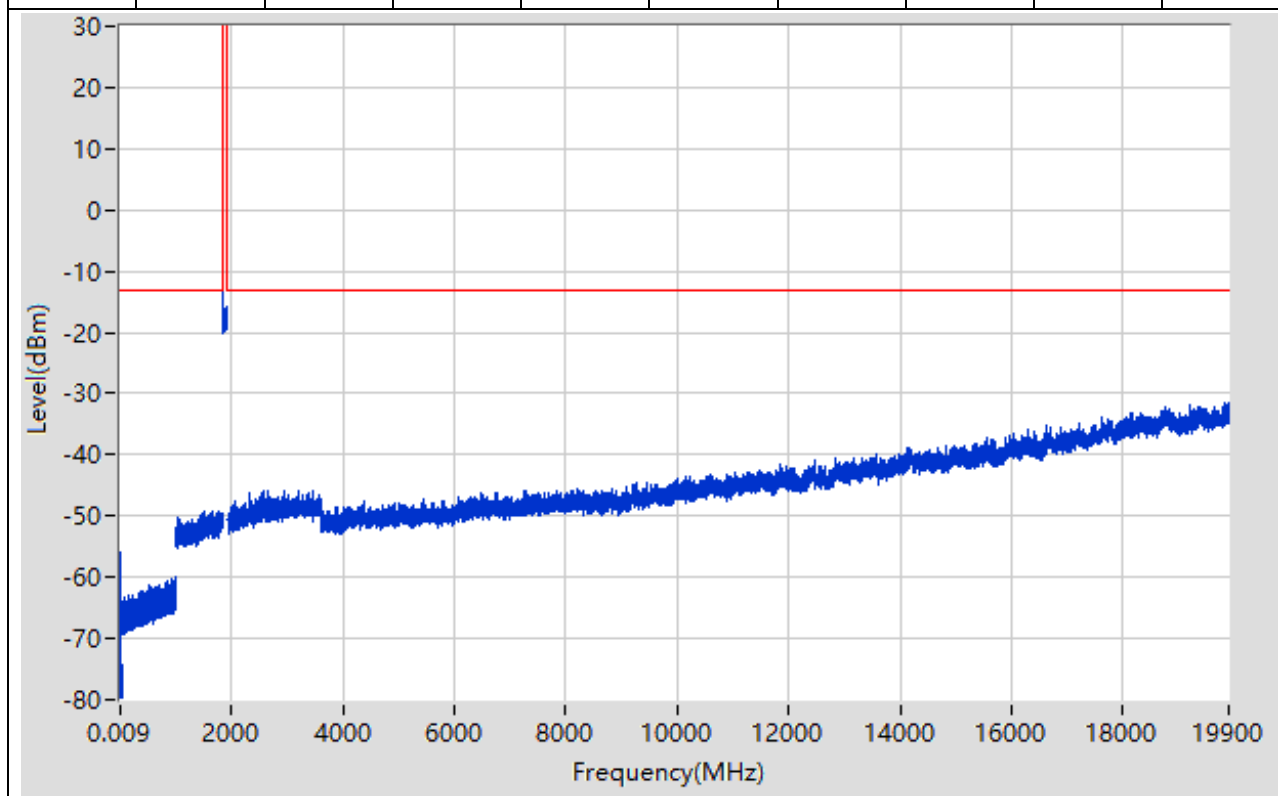
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.18	-13	44.18	Pass	401
0.15	30	0.01	RMS	0.15	-56.95	-13	43.95	Pass	2986
30	1000	0.1	RMS	989.6	-59.43	-13	46.43	Pass	9701
1000	1830	1	RMS	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)

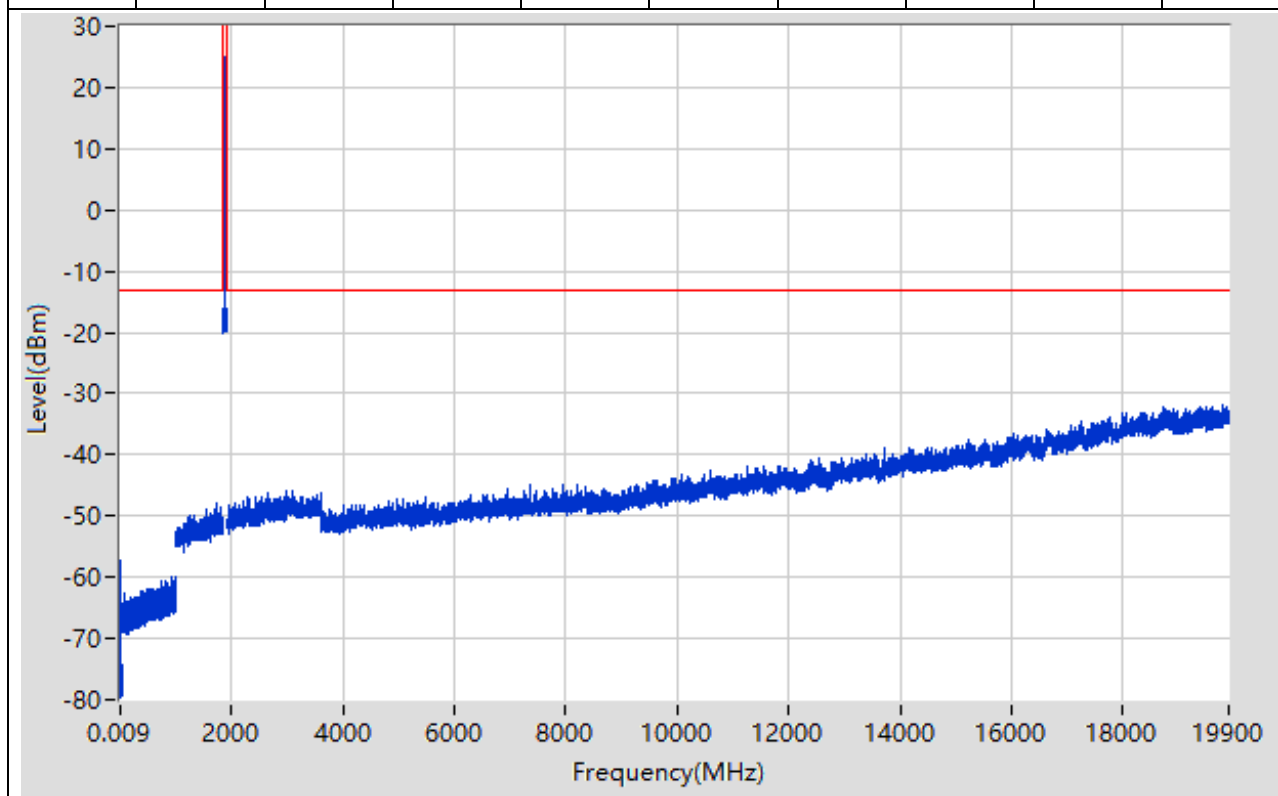
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.77	-13	42.77	Pass	401
0.15	30	0.01	RMS	0.15	-58.55	-13	45.55	Pass	2986
30	1000	0.1	RMS	995.3	-59.99	-13	46.99	Pass	9701
1000	1830	1	RMS	1782	-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

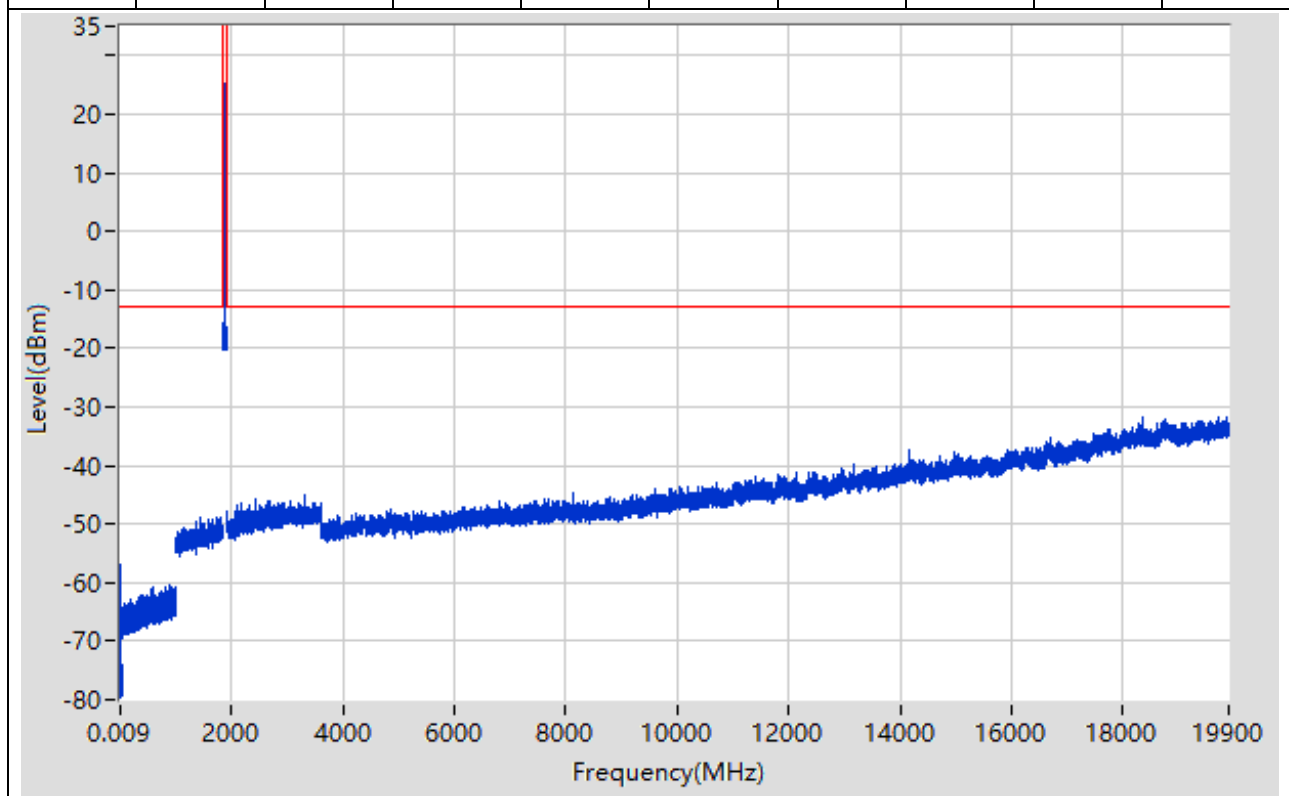




### 1.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

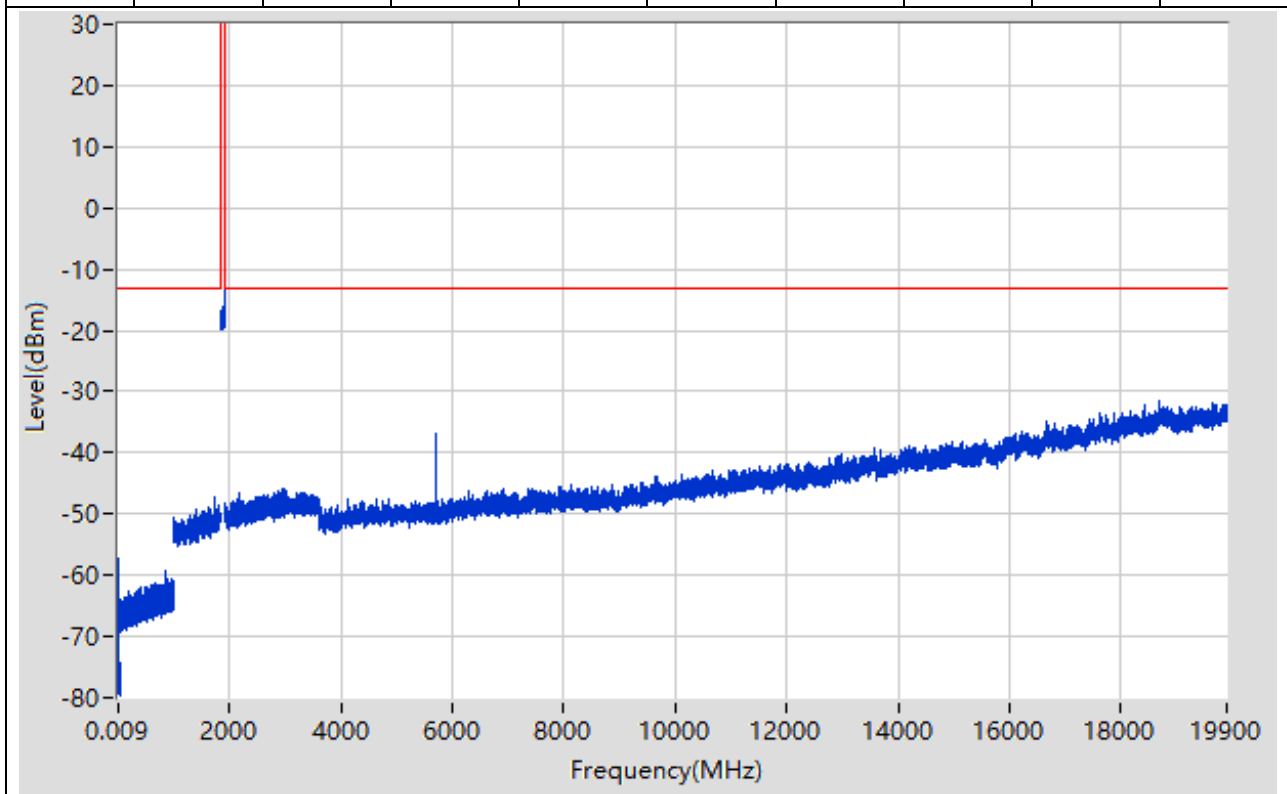
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57	-13	44	Pass	401
0.15	30	0.01	RMS	0.15	-58.94	-13	45.94	Pass	2986
30	1000	0.1	RMS	868.3	-60.51	-13	47.51	Pass	9701
1000	1830	1	RMS	1432	-48.73	-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)

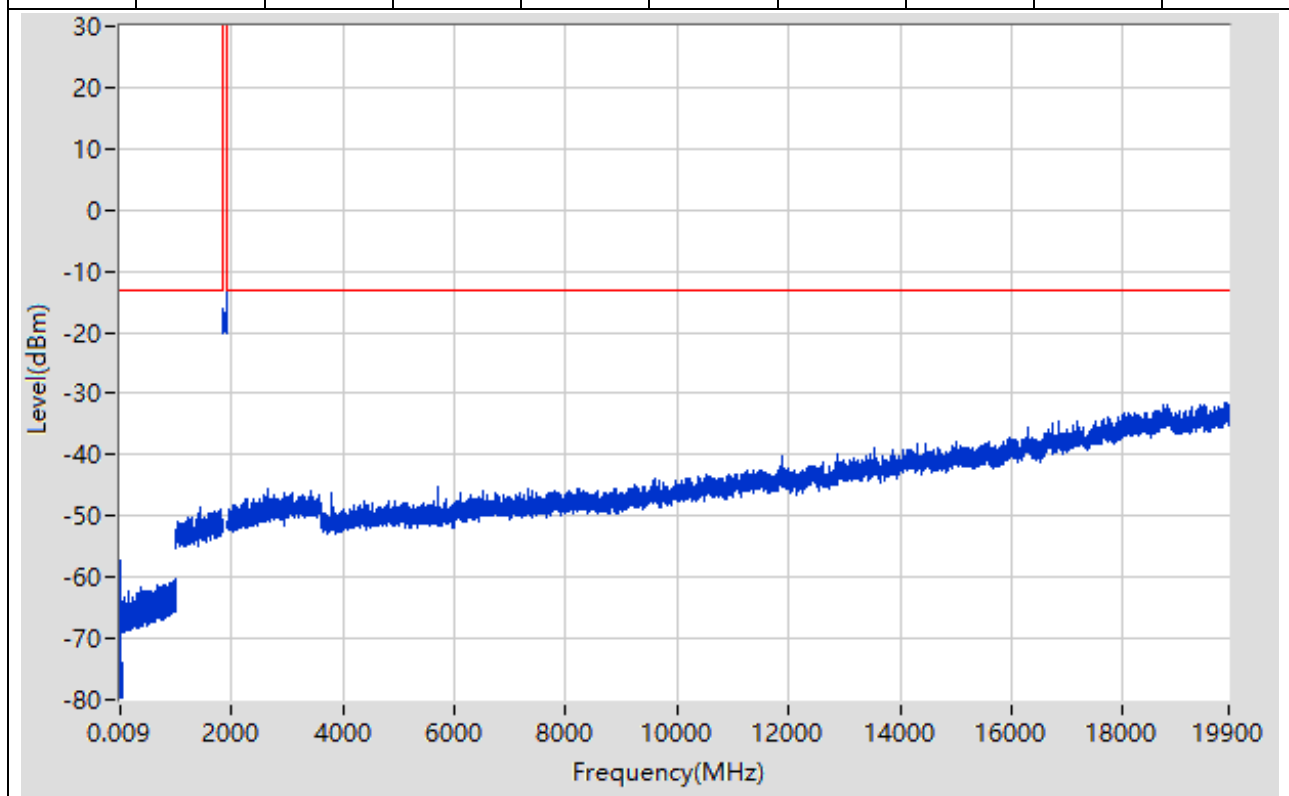
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.28	-13	44.28	Pass	401
0.15	30	0.01	RMS	0.16	-57.89	-13	44.89	Pass	2986
30	1000	0.1	RMS	834.9	-59.12	-13	46.12	Pass	9701
1000	1830	1	RMS	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)

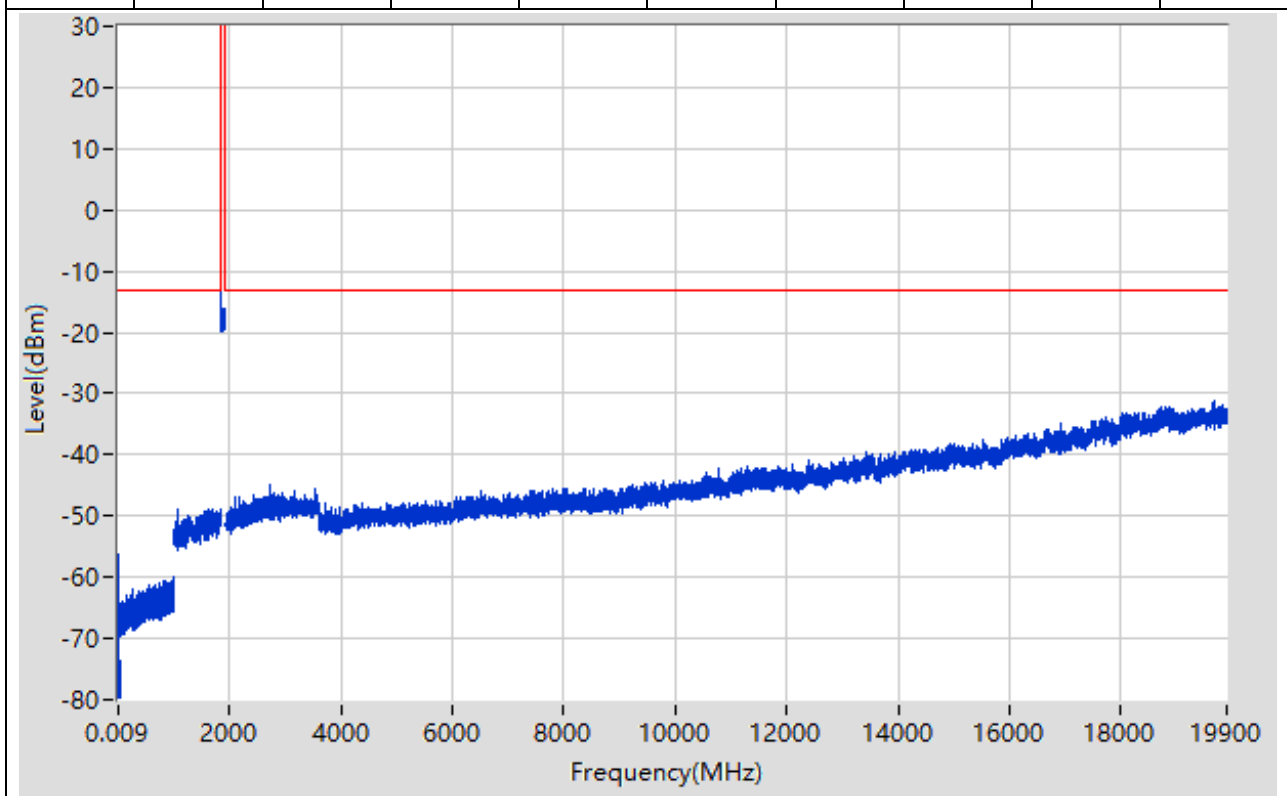
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.15	-13	44.15	Pass	401
0.15	30	0.01	RMS	0.15	-57.71	-13	44.71	Pass	2986
30	1000	0.1	RMS	989	-60.15	-13	47.15	Pass	9701
1000	1830	1	RMS	1444	-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)

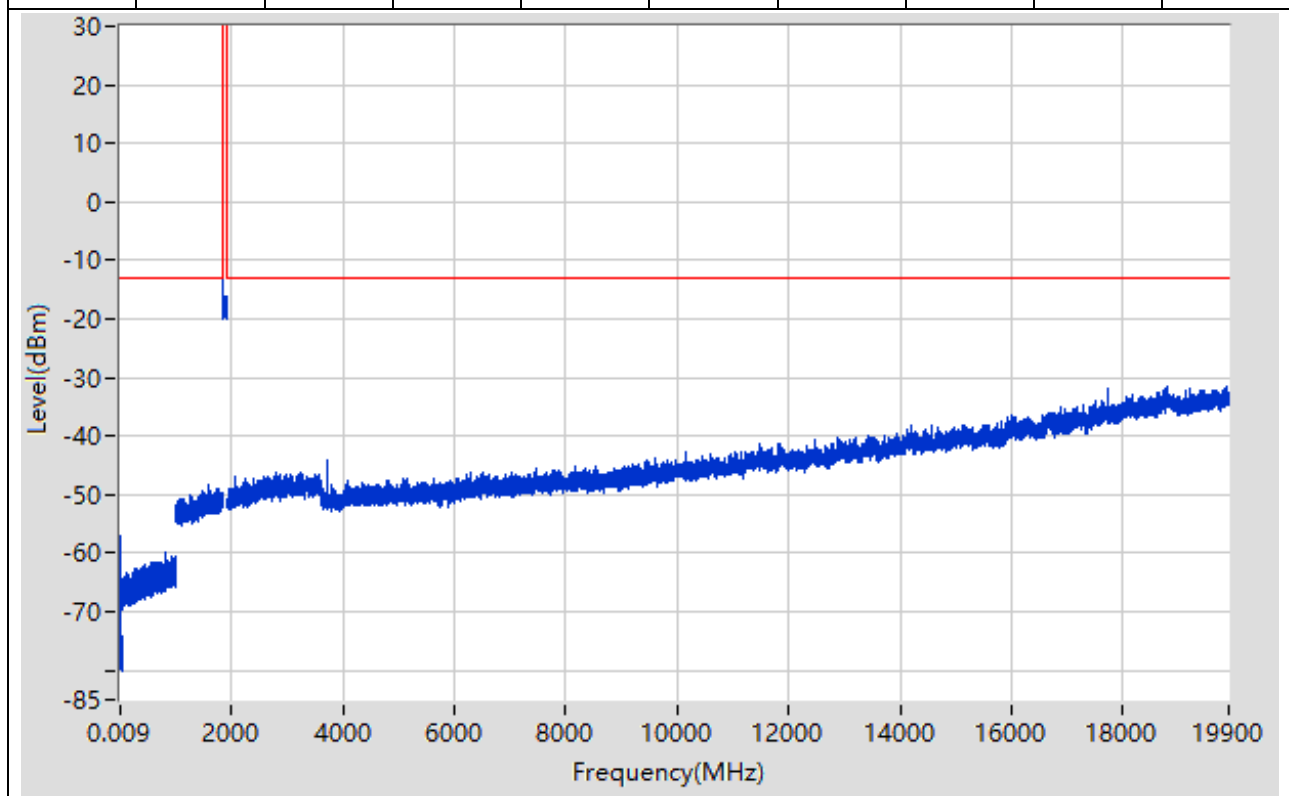
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-56.18	-13	43.18	Pass	401
0.15	30	0.01	RMS	0.15	-58.87	-13	45.87	Pass	2986
30	1000	0.1	RMS	975.1	-59.89	-13	46.89	Pass	9701
1000	1830	1	RMS	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)

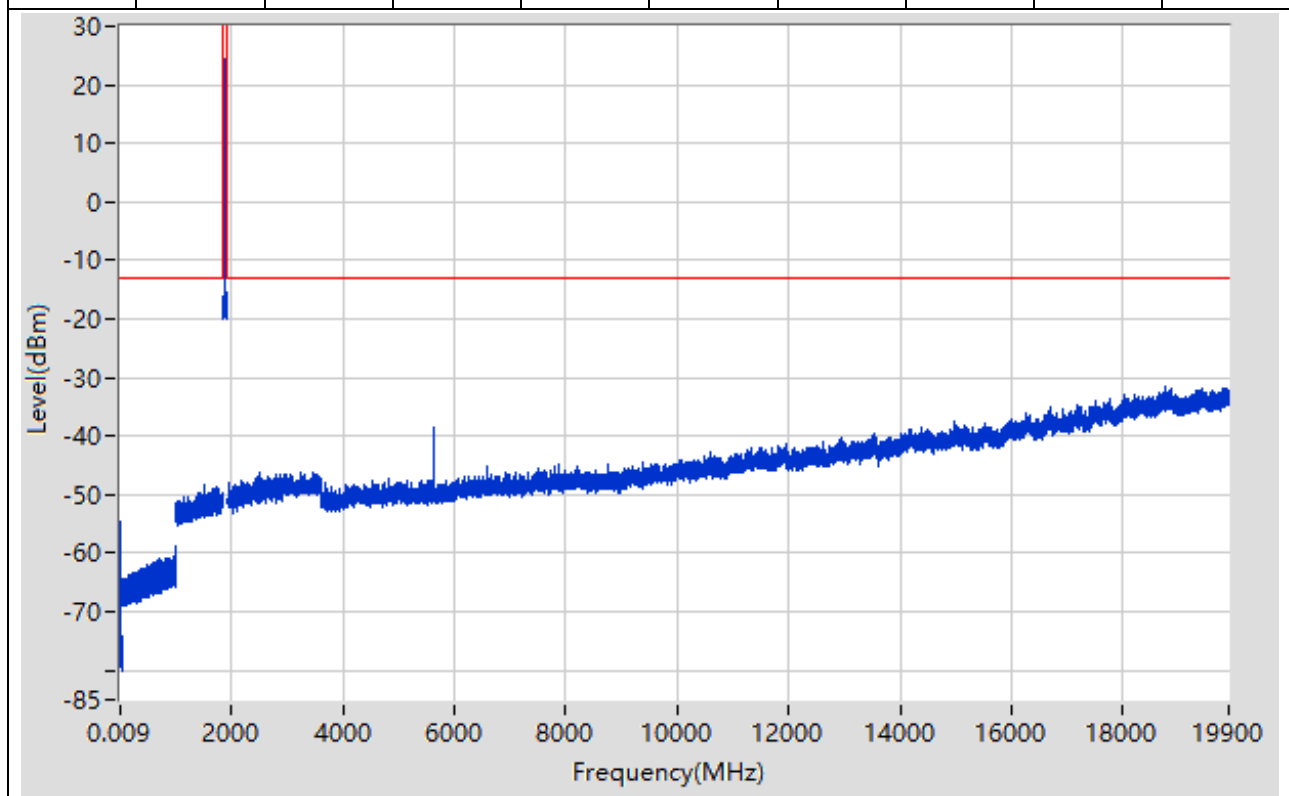
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.89	-13	43.89	Pass	401
0.15	30	0.01	RMS	0.15	-57.62	-13	44.62	Pass	2986
30	1000	0.1	RMS	795.1	-60.01	-13	47.01	Pass	9701
1000	1830	1	RMS	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)

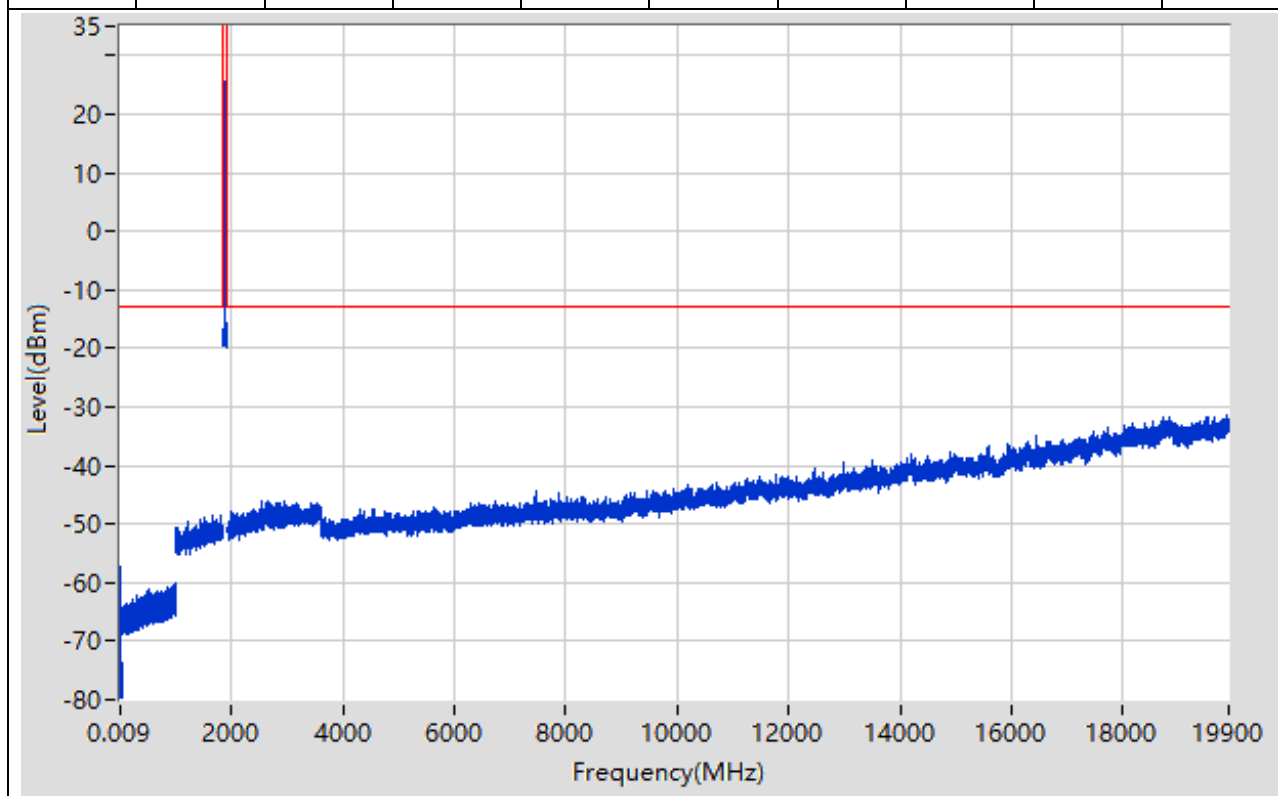
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.74	-13	41.74	Pass	401
0.15	30	0.01	RMS	0.15	-58.17	-13	45.17	Pass	2986
30	1000	0.1	RMS	978.4	-58.73	-13	45.73	Pass	9701
1000	1830	1	RMS	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)

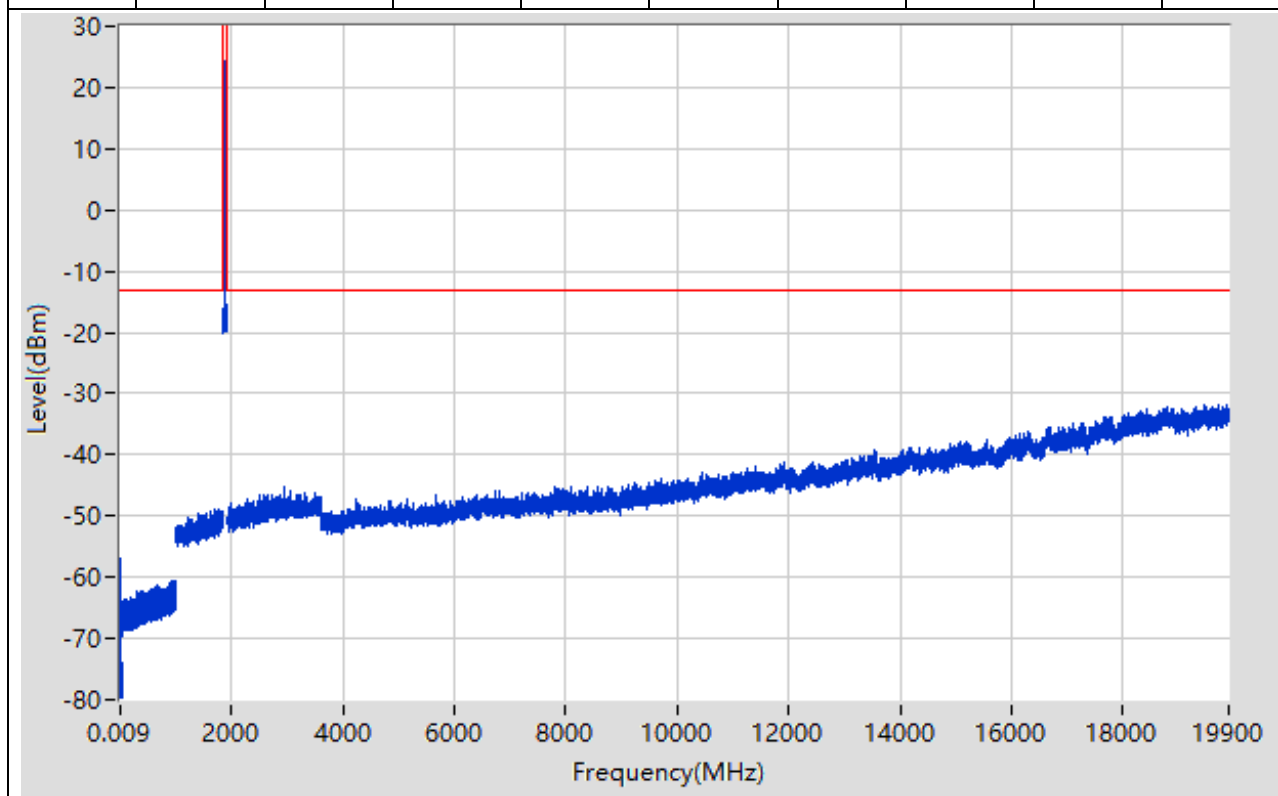
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.98	-13	44.98	Pass	401
0.15	30	0.01	RMS	0.15	-57.19	-13	44.19	Pass	2986
30	1000	0.1	RMS	992.8	-60.06	-13	47.06	Pass	9701
1000	1830	1	RMS	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

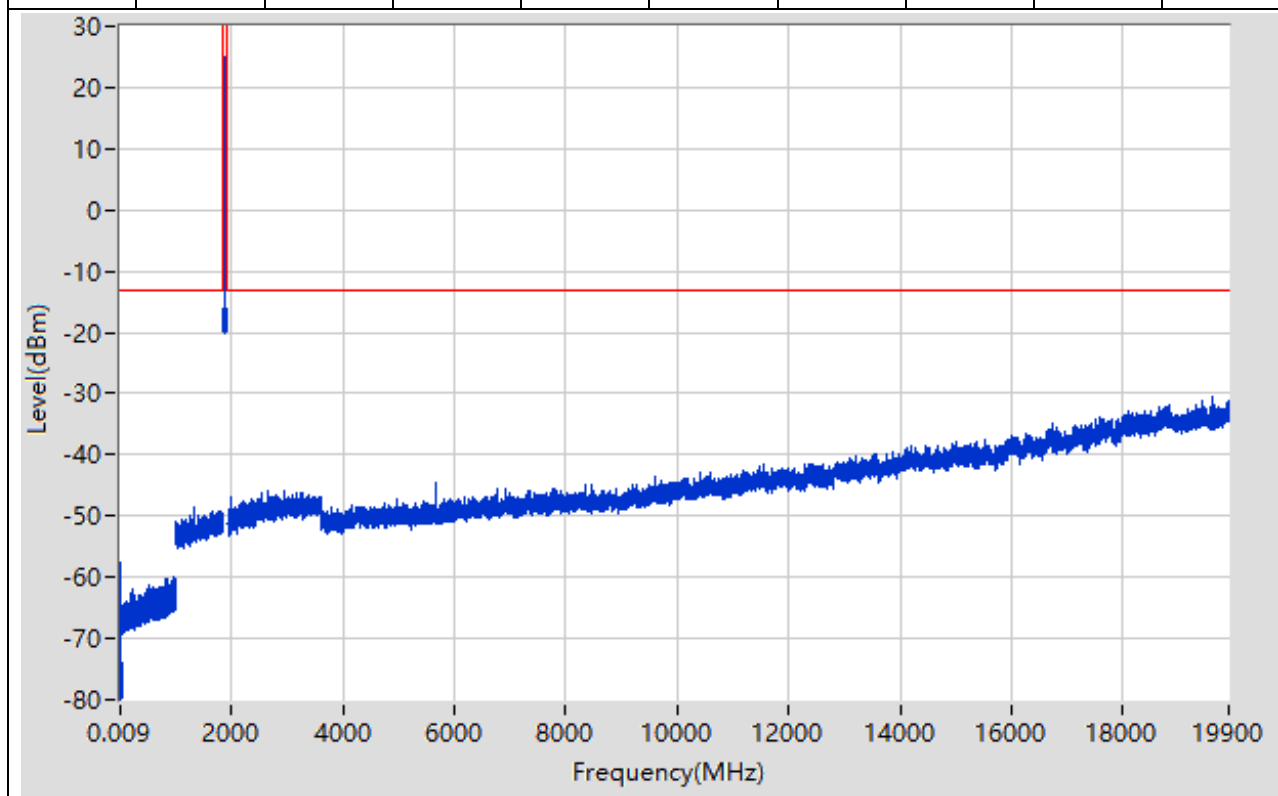




### 1.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:19100, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

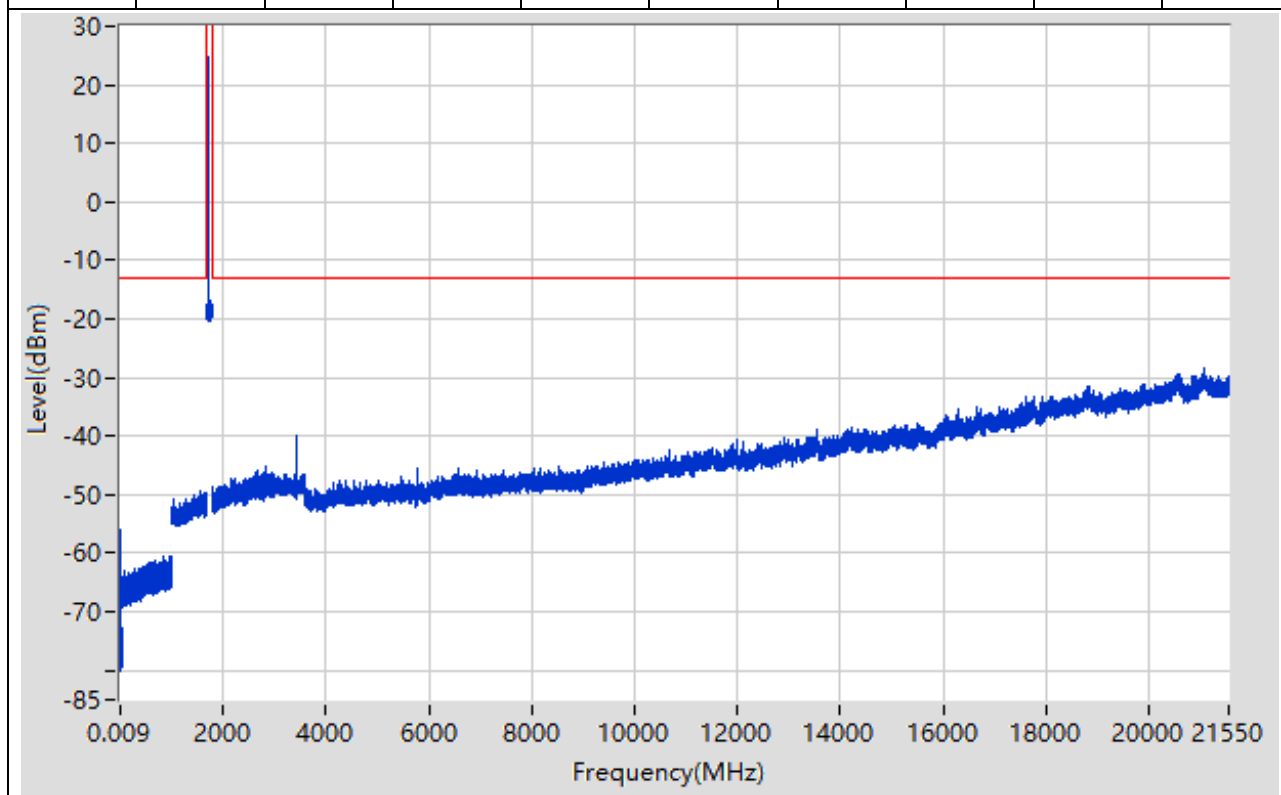
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.72	-13	44.72	Pass	401
0.15	30	0.01	RMS	0.15	-58.69	-13	45.69	Pass	2986
30	1000	0.1	RMS	970.1	-60.03	-13	47.03	Pass	9701
1000	1830	1	RMS	1326	-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

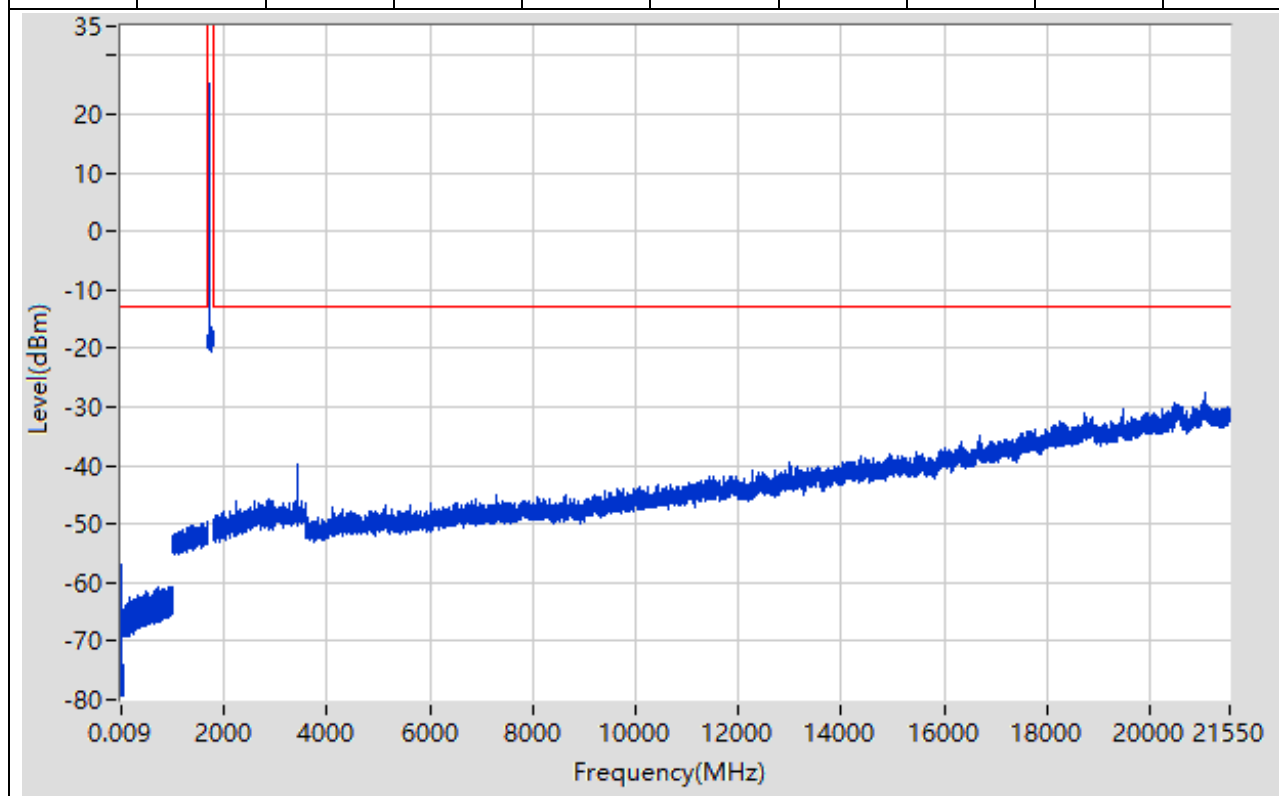
### 2.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:19975, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



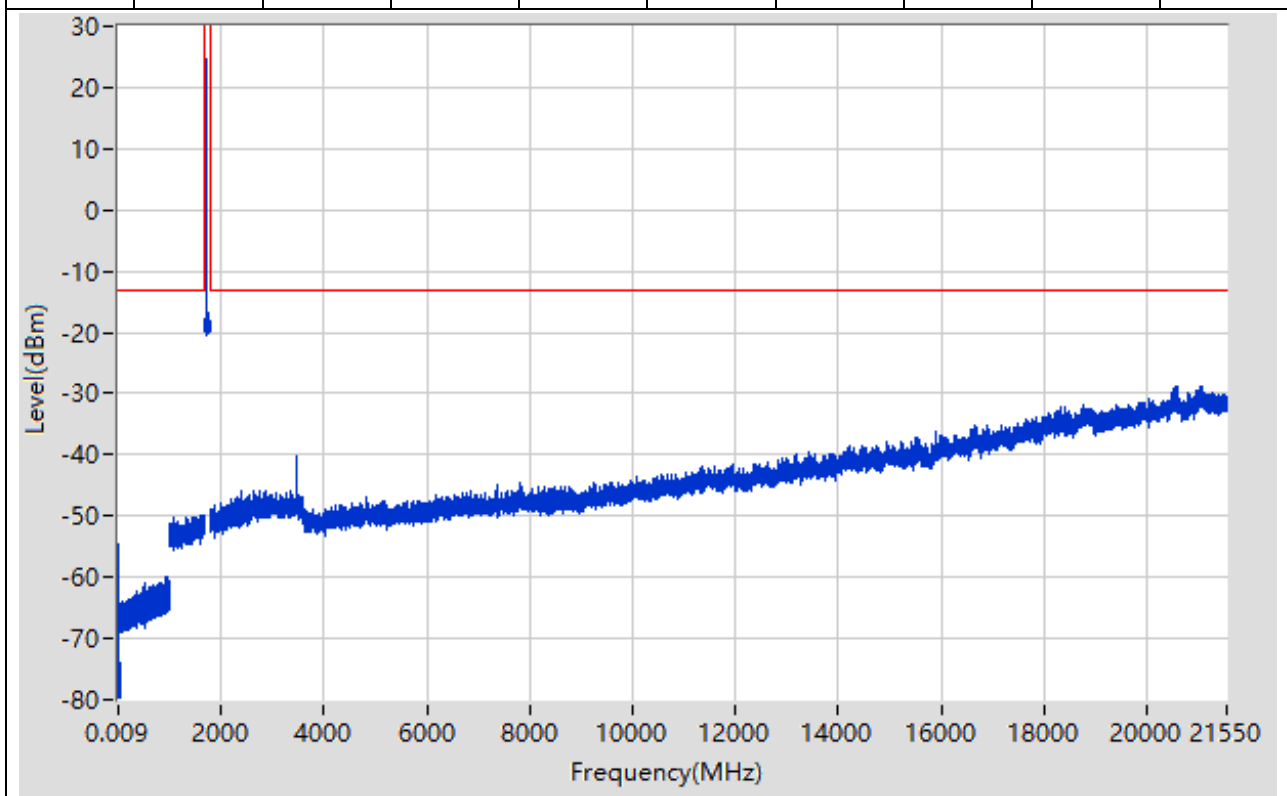
**2.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:19975, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



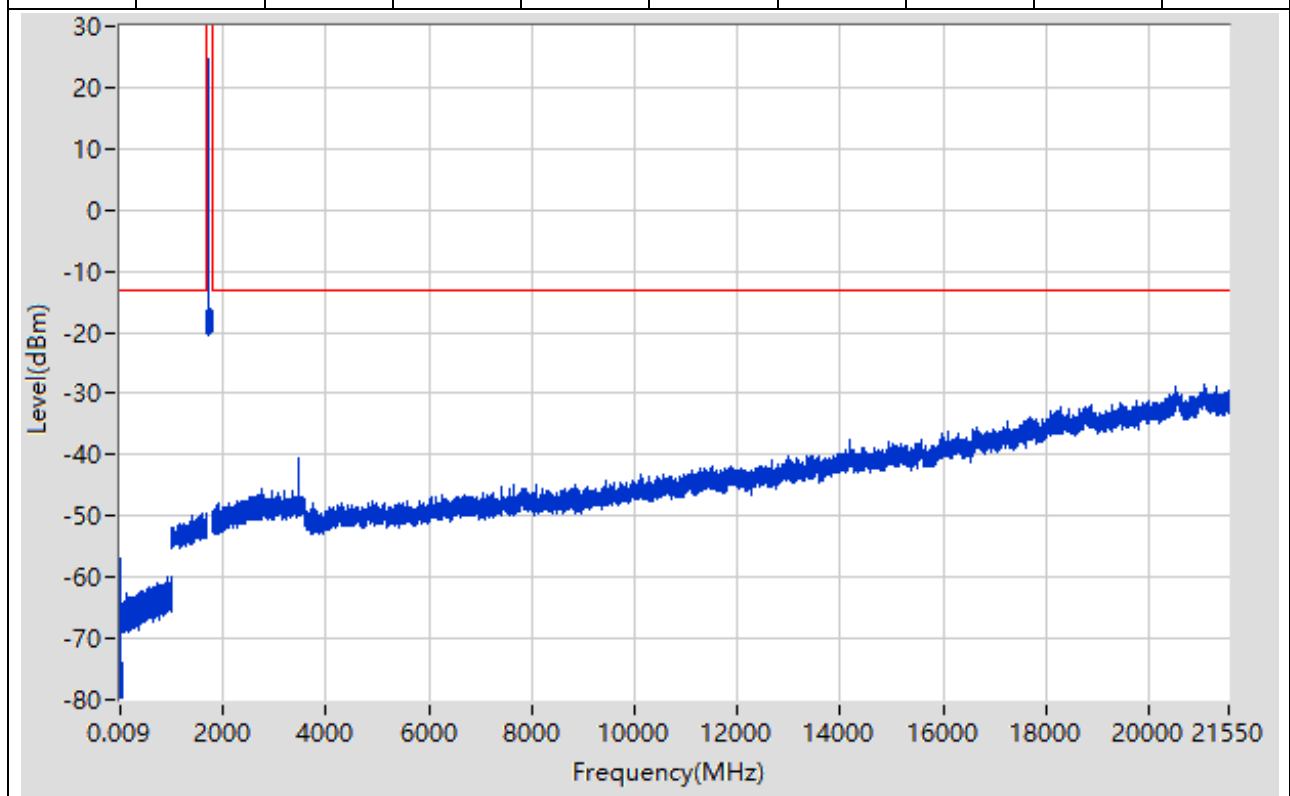
**2.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



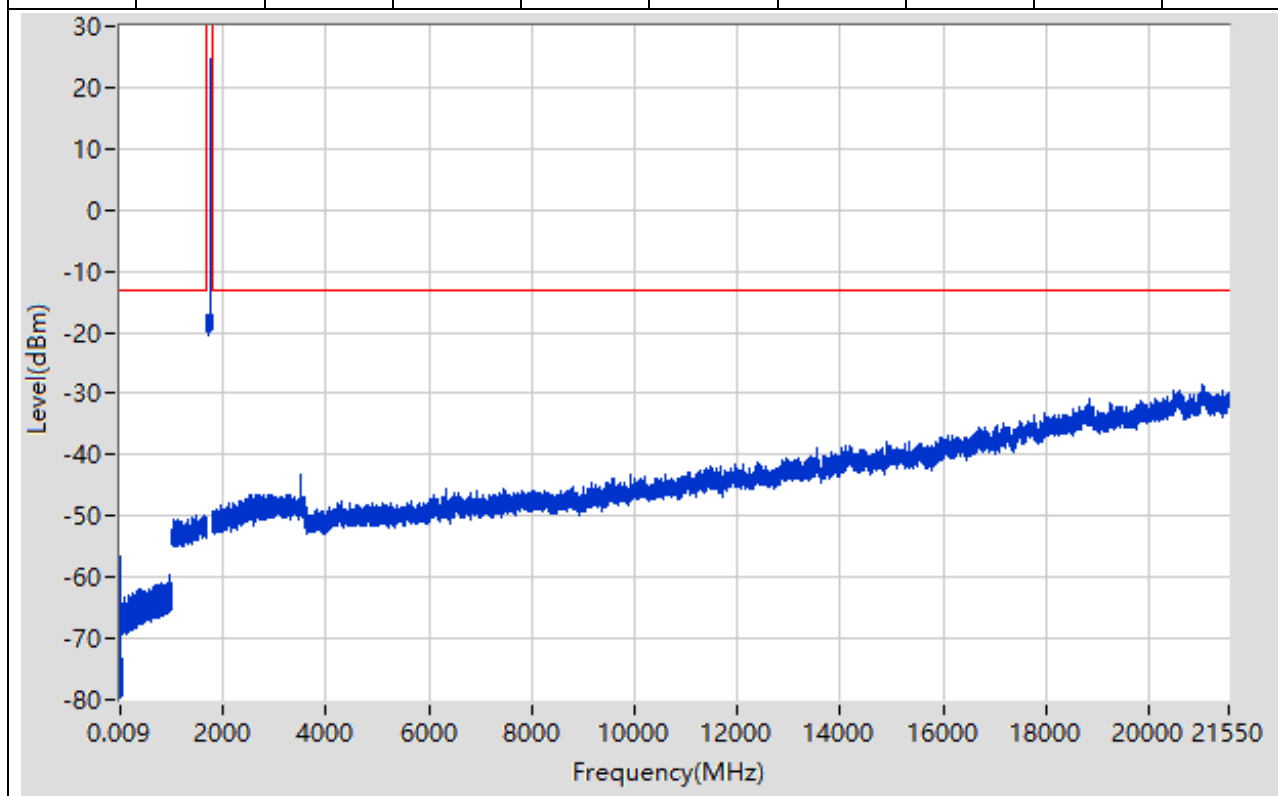
**2.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



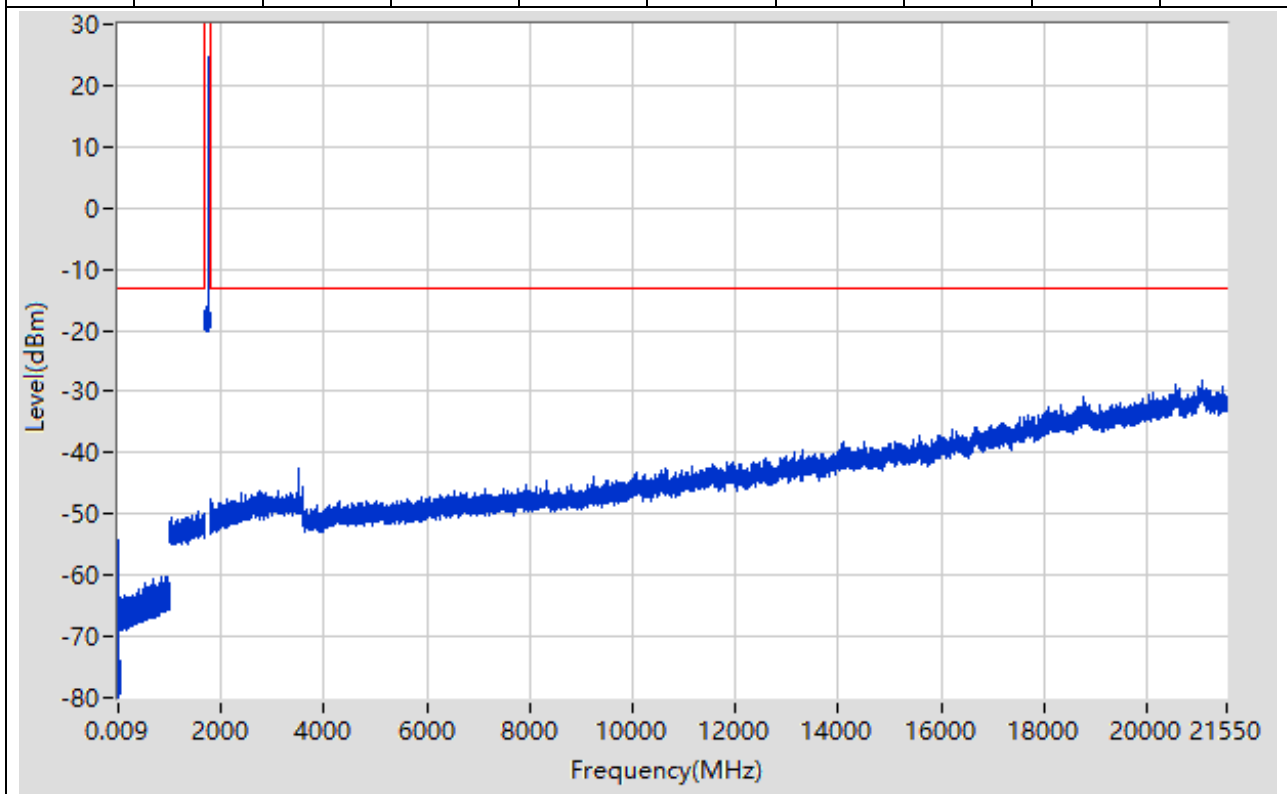
**2.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20375, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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



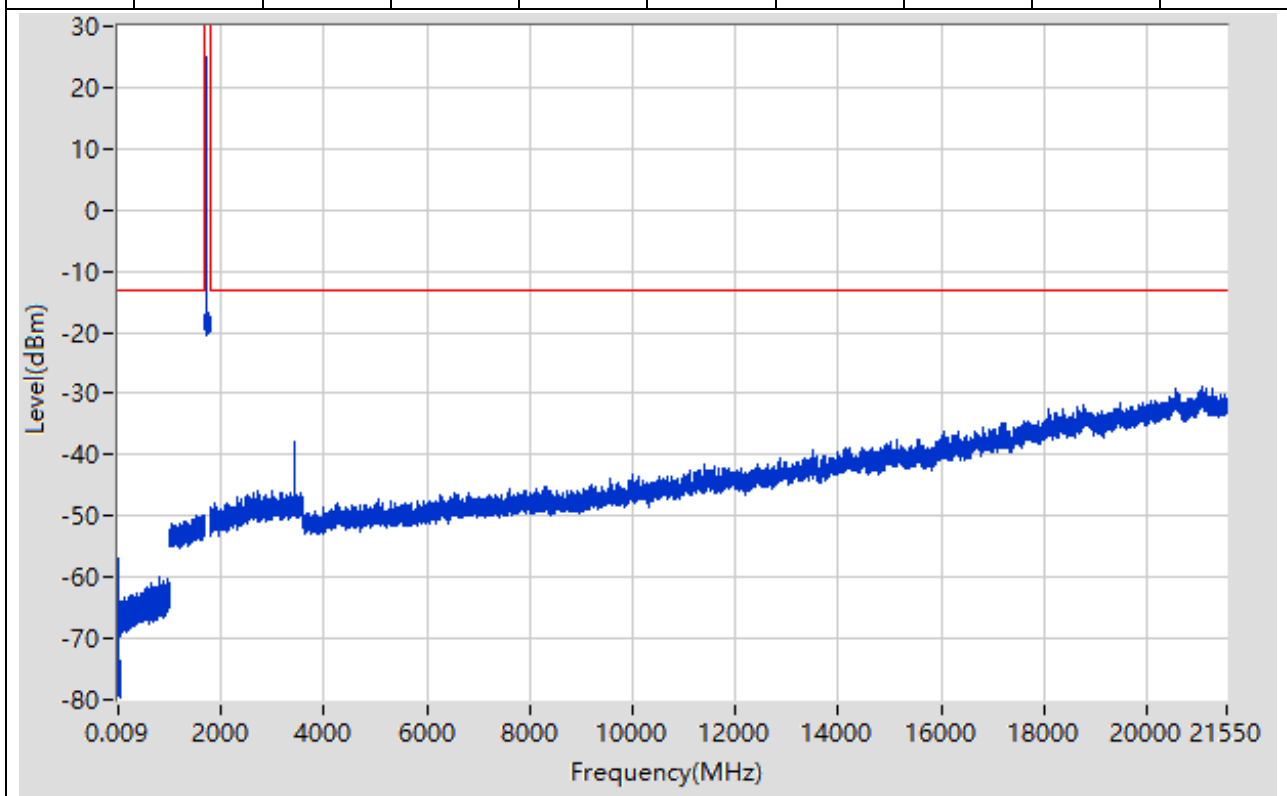
**2.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20375, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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)**

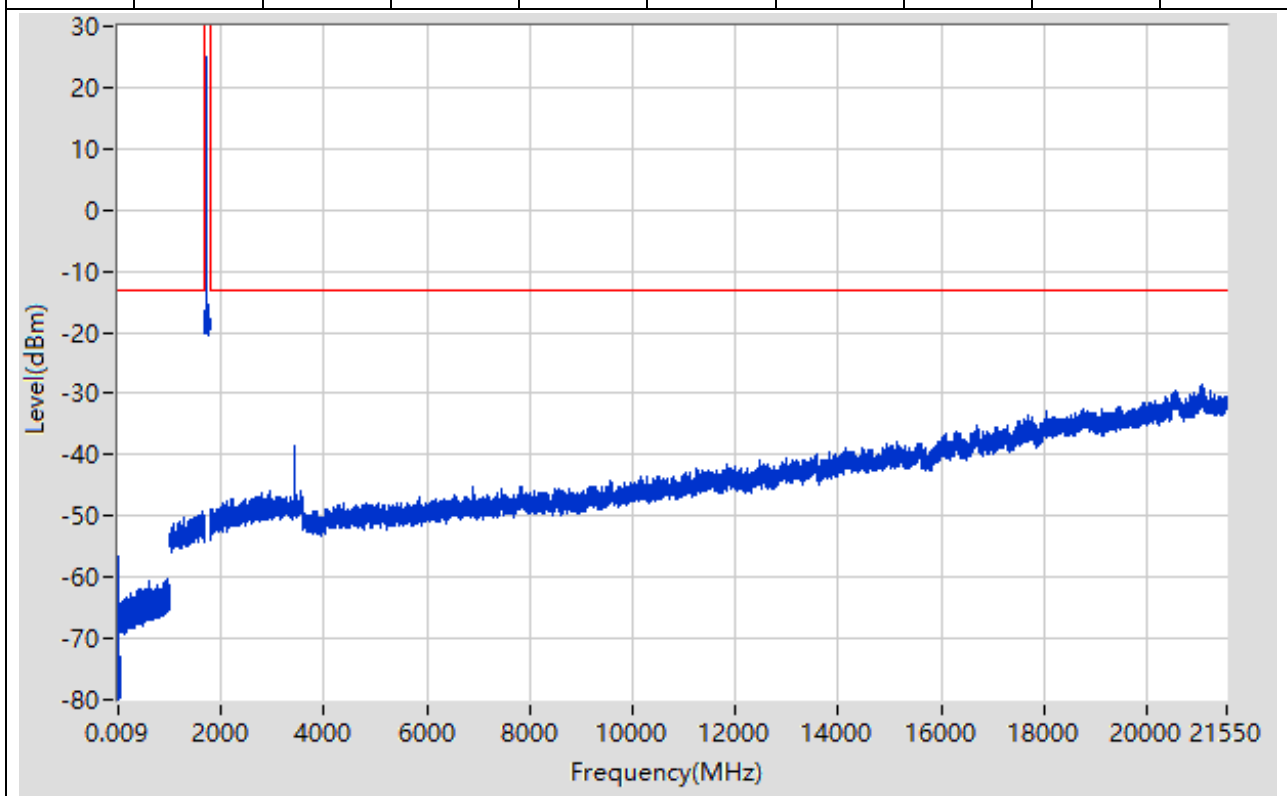
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.05	-13	44.05	Pass	401
0.15	30	0.01	RMS	0.16	-58.46	-13	45.46	Pass	2986
30	1000	0.1	RMS	806.5	-59.82	-13	46.82	Pass	9701
1000	1690	1	RMS	1508	-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





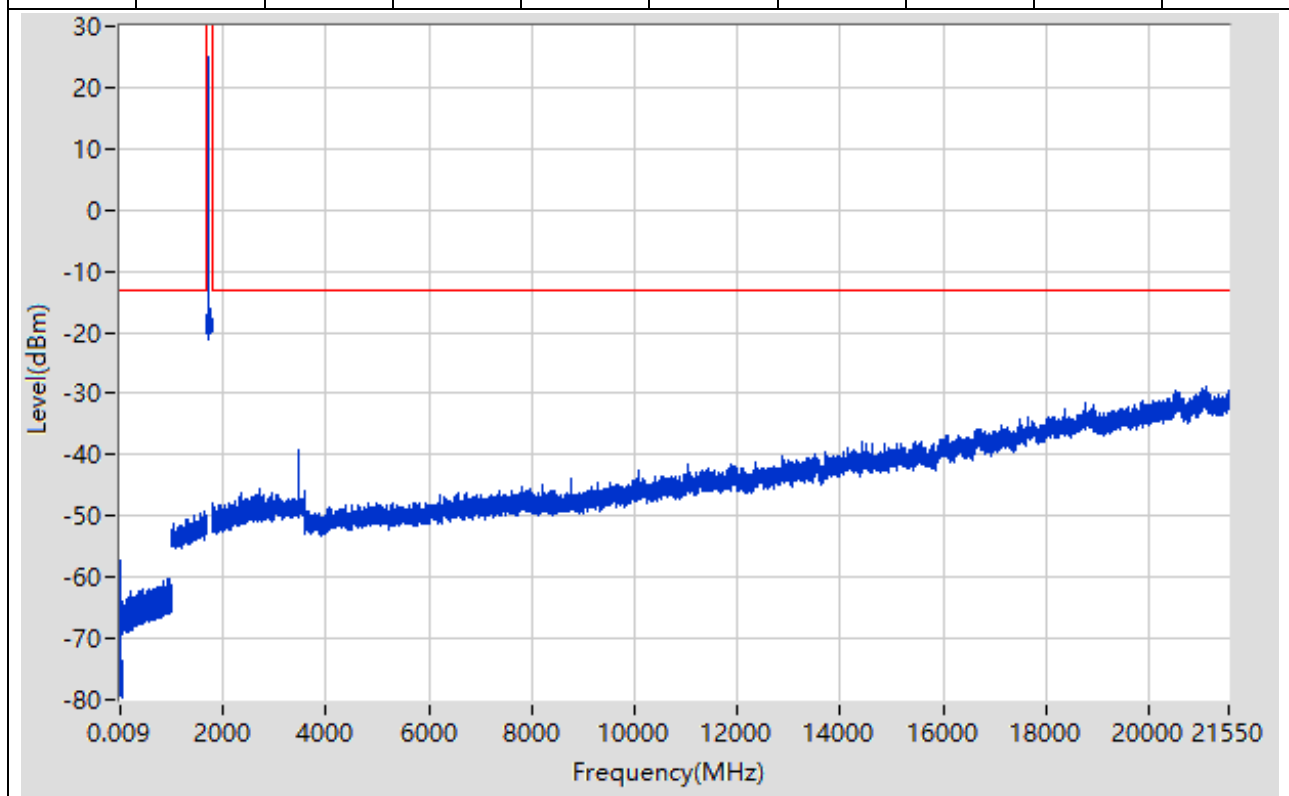
**2.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20000, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

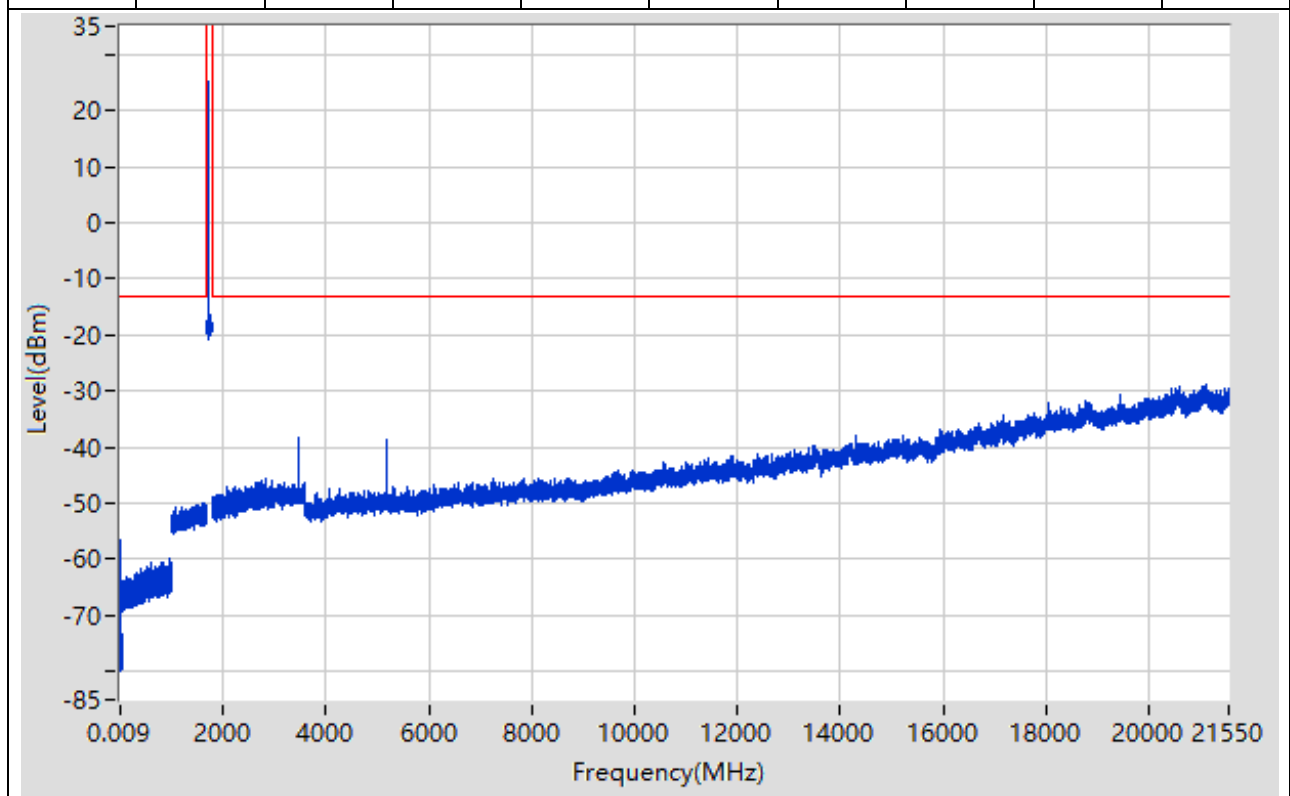
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.33	-13	44.33	Pass	401
0.15	30	0.01	RMS	0.15	-59.83	-13	46.83	Pass	2986
30	1000	0.1	RMS	974.4	-60.17	-13	47.17	Pass	9701
1000	1690	1	RMS	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)

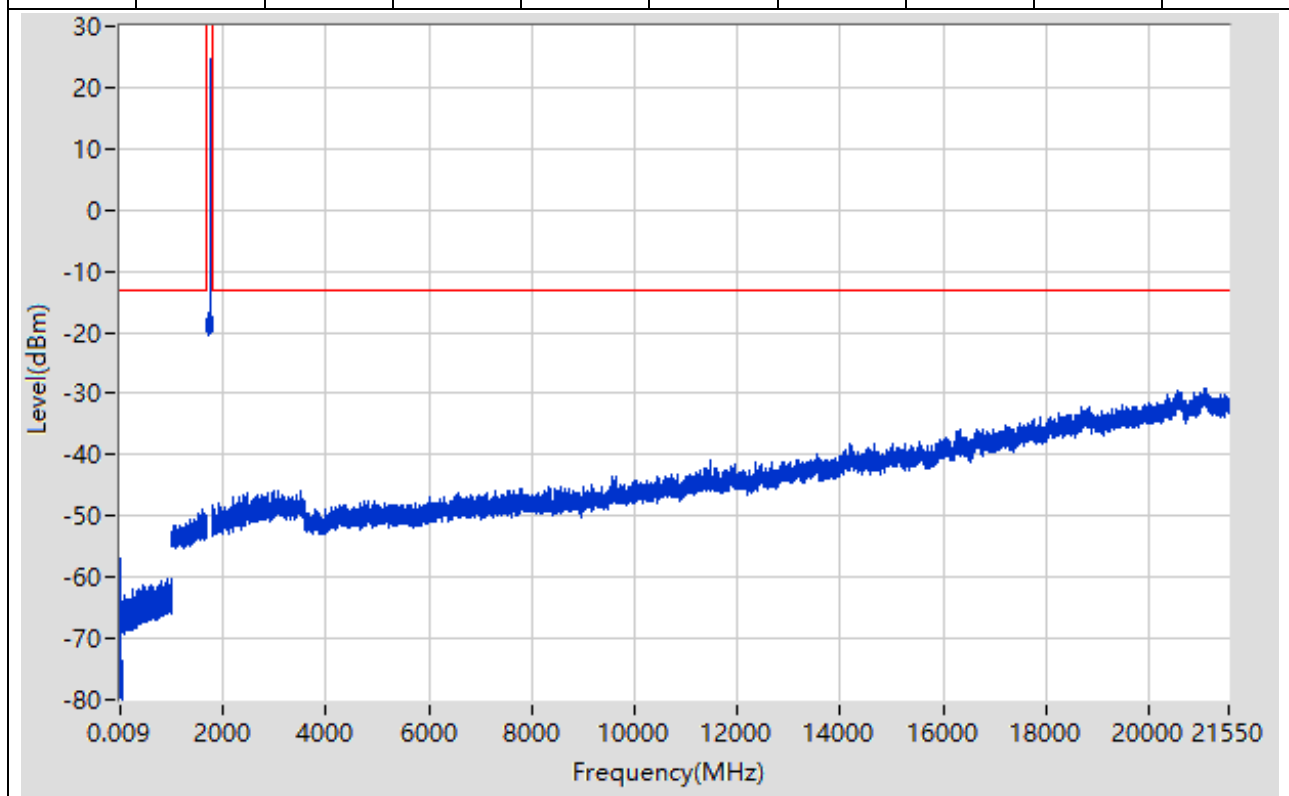
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.73	-13	43.73	Pass	401
0.15	30	0.01	RMS	0.15	-58.89	-13	45.89	Pass	2986
30	1000	0.1	RMS	954.6	-59.93	-13	46.93	Pass	9701
1000	1690	1	RMS	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)

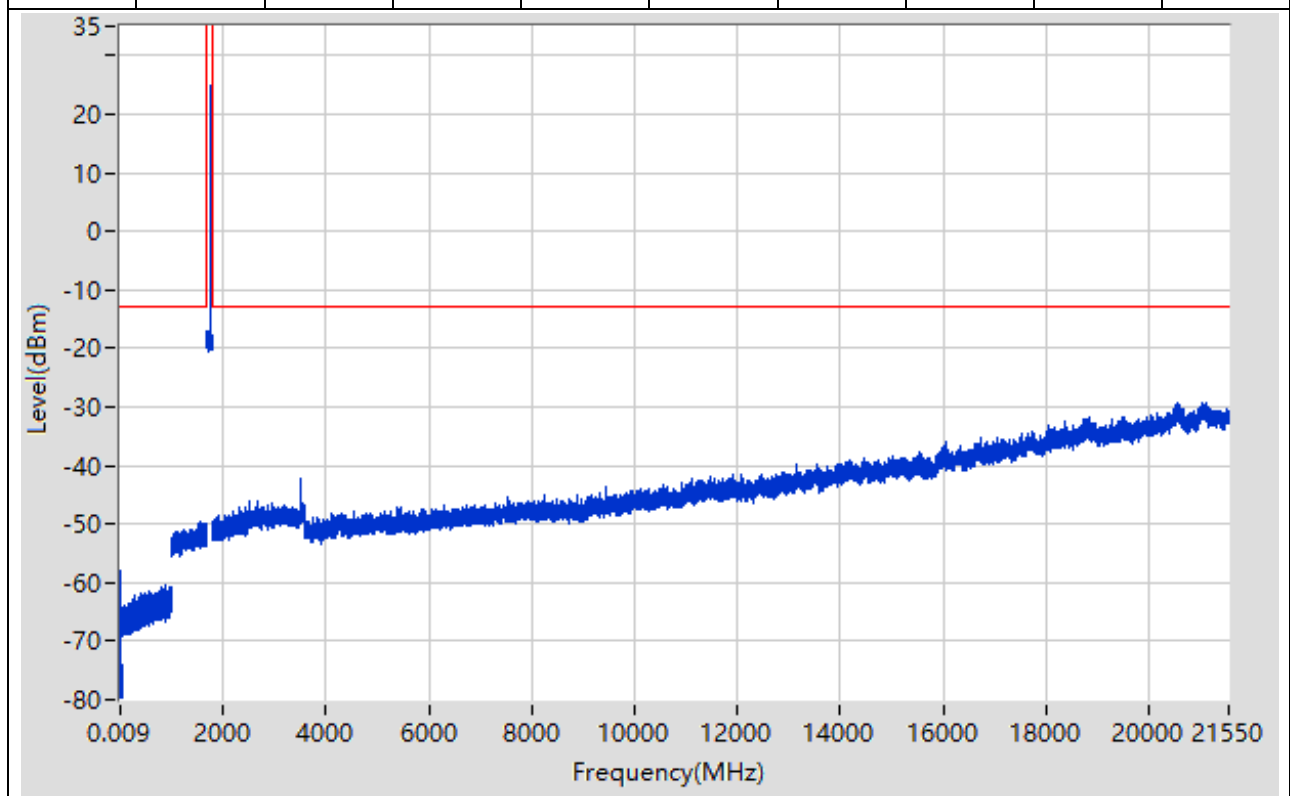
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-56.9	-13	43.9	Pass	401
0.15	30	0.01	RMS	0.15	-58.63	-13	45.63	Pass	2986
30	1000	0.1	RMS	978.1	-60.33	-13	47.33	Pass	9701
1000	1690	1	RMS	1611	-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)

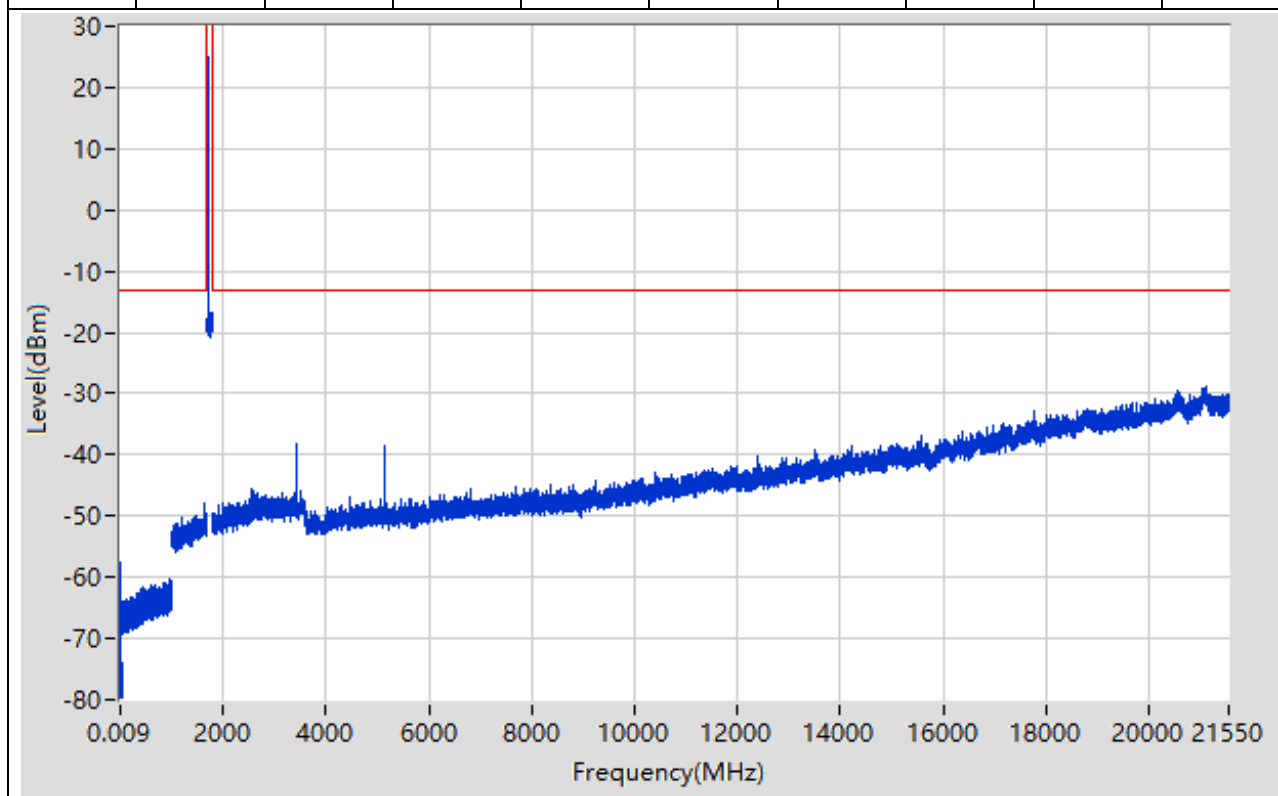
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.91	-13	44.91	Pass	401
0.15	30	0.01	RMS	0.15	-58.76	-13	45.76	Pass	2986
30	1000	0.1	RMS	884.5	-60.56	-13	47.56	Pass	9701
1000	1690	1	RMS	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)

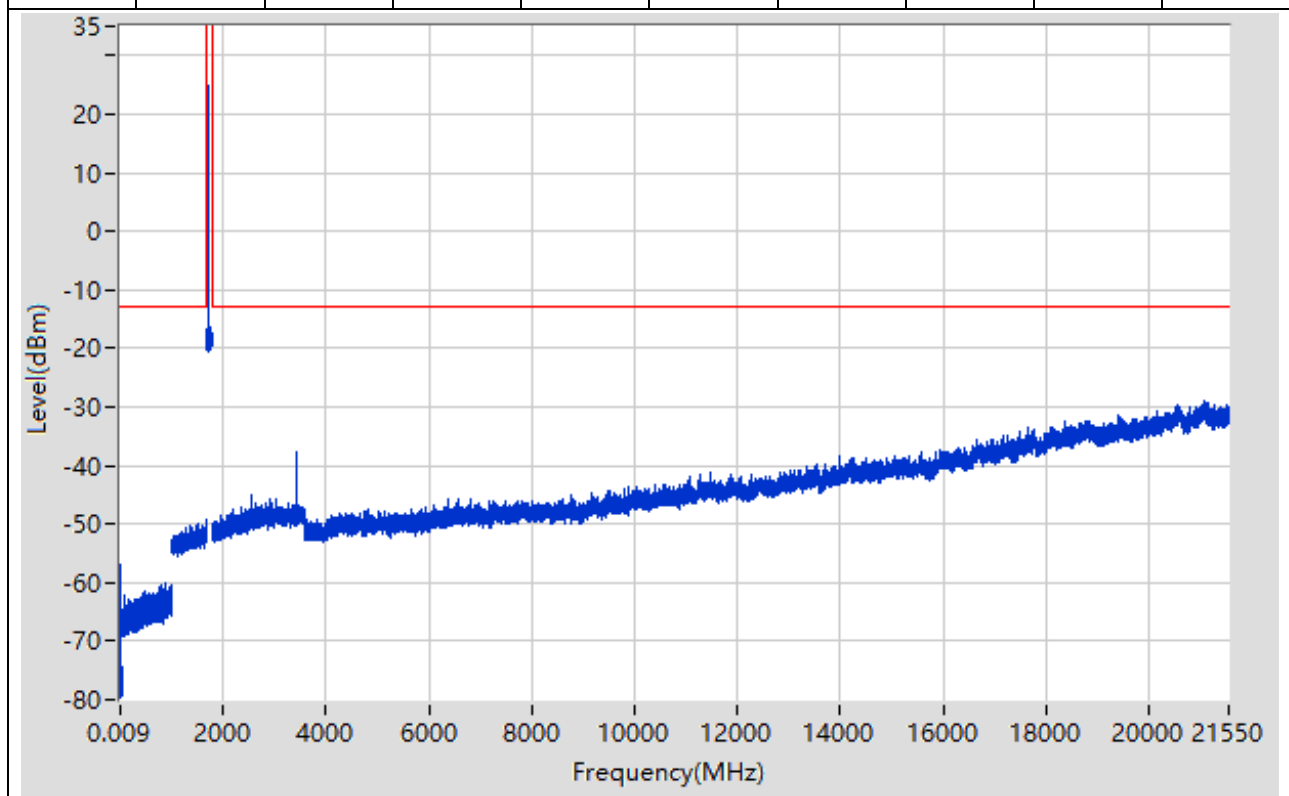
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.7	-13	44.7	Pass	401
0.15	30	0.01	RMS	0.15	-58.96	-13	45.96	Pass	2986
30	1000	0.1	RMS	961.9	-60.29	-13	47.29	Pass	9701
1000	1690	1	RMS	1639	-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)

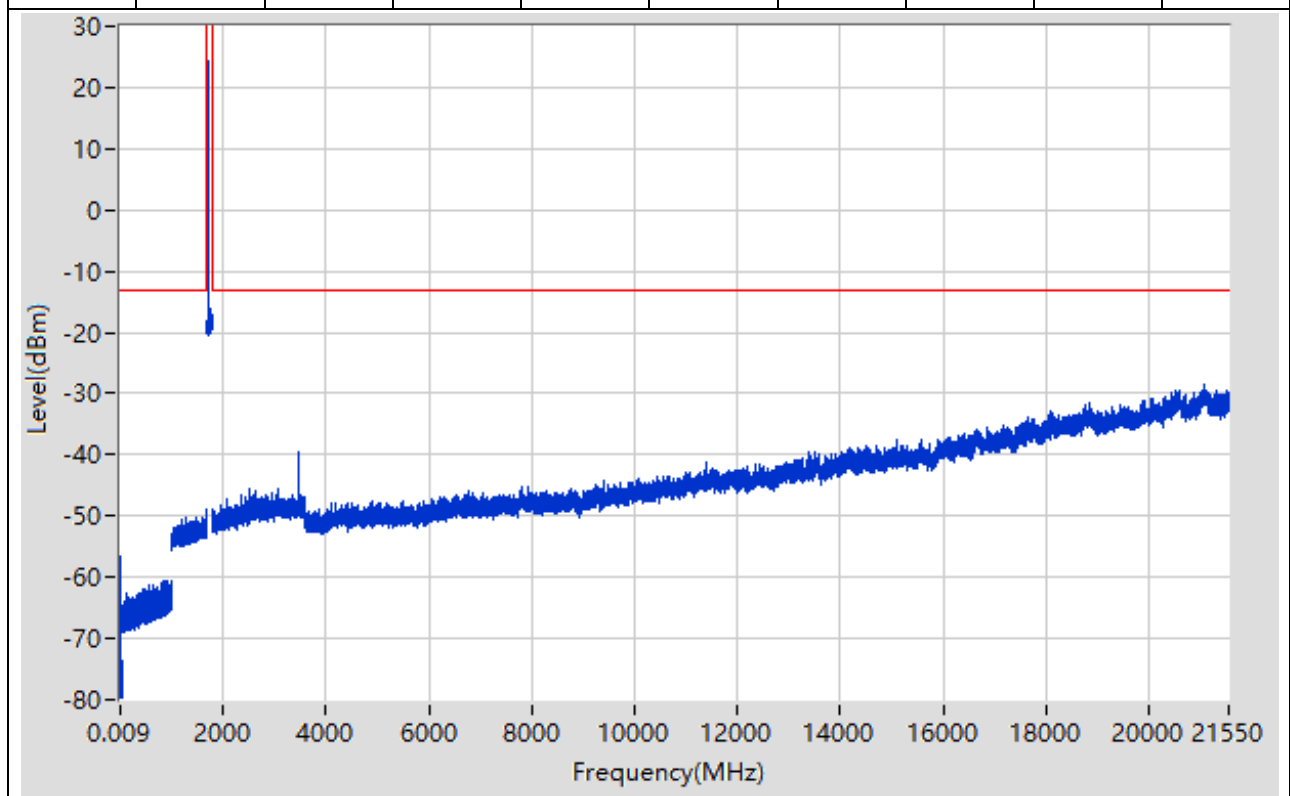
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57	-13	44	Pass	401
0.15	30	0.01	RMS	0.15	-58.52	-13	45.52	Pass	2986
30	1000	0.1	RMS	870.4	-60.2	-13	47.2	Pass	9701
1000	1690	1	RMS	1686	-49.11	-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

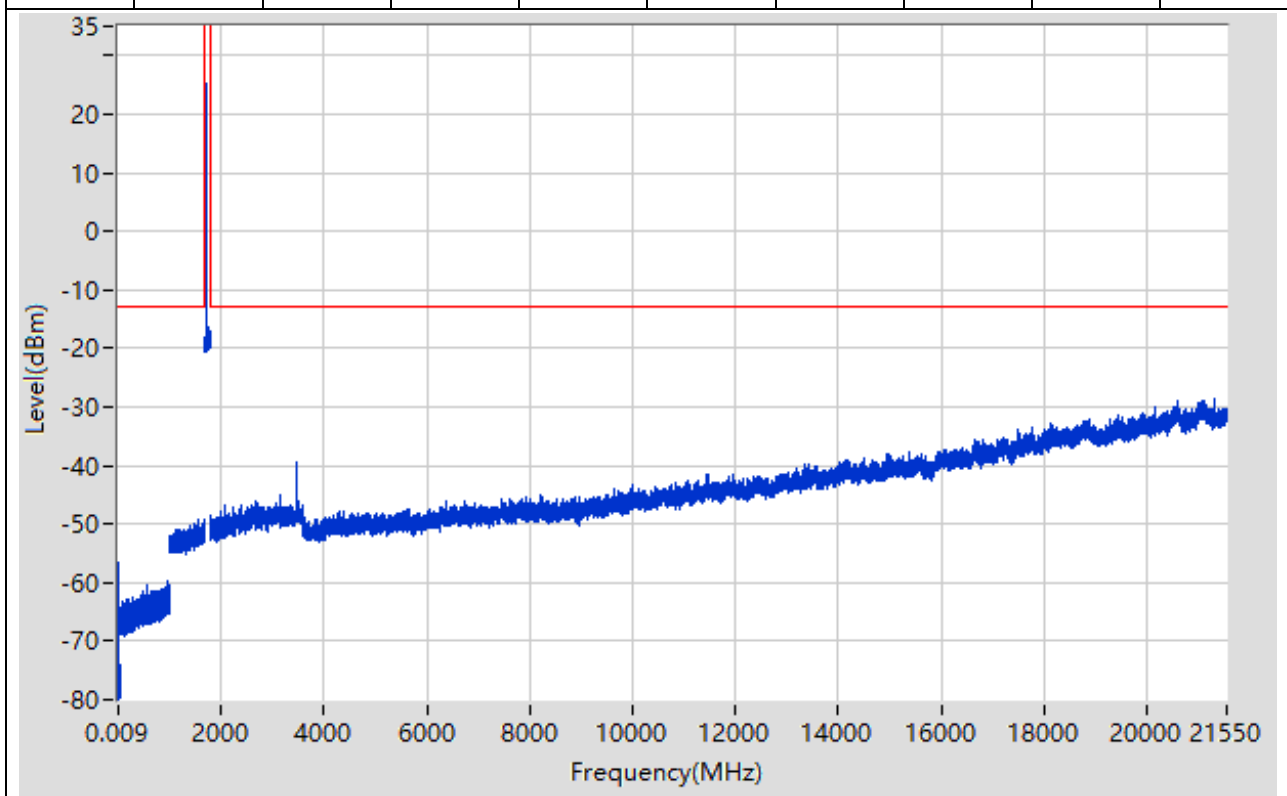




### 2.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

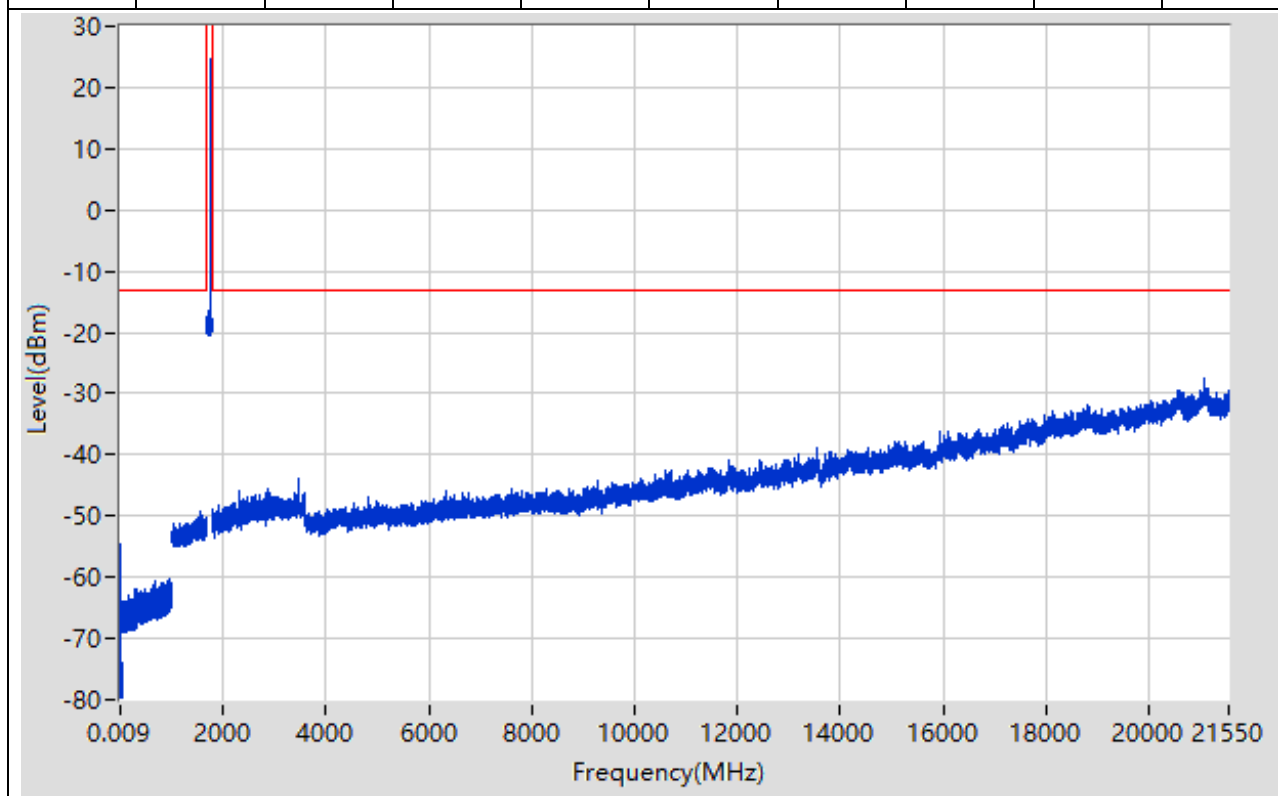
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.43	-13	43.43	Pass	401
0.15	30	0.01	RMS	0.15	-58.33	-13	45.33	Pass	2986
30	1000	0.1	RMS	965.1	-59.72	-13	46.72	Pass	9701
1000	1690	1	RMS	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)

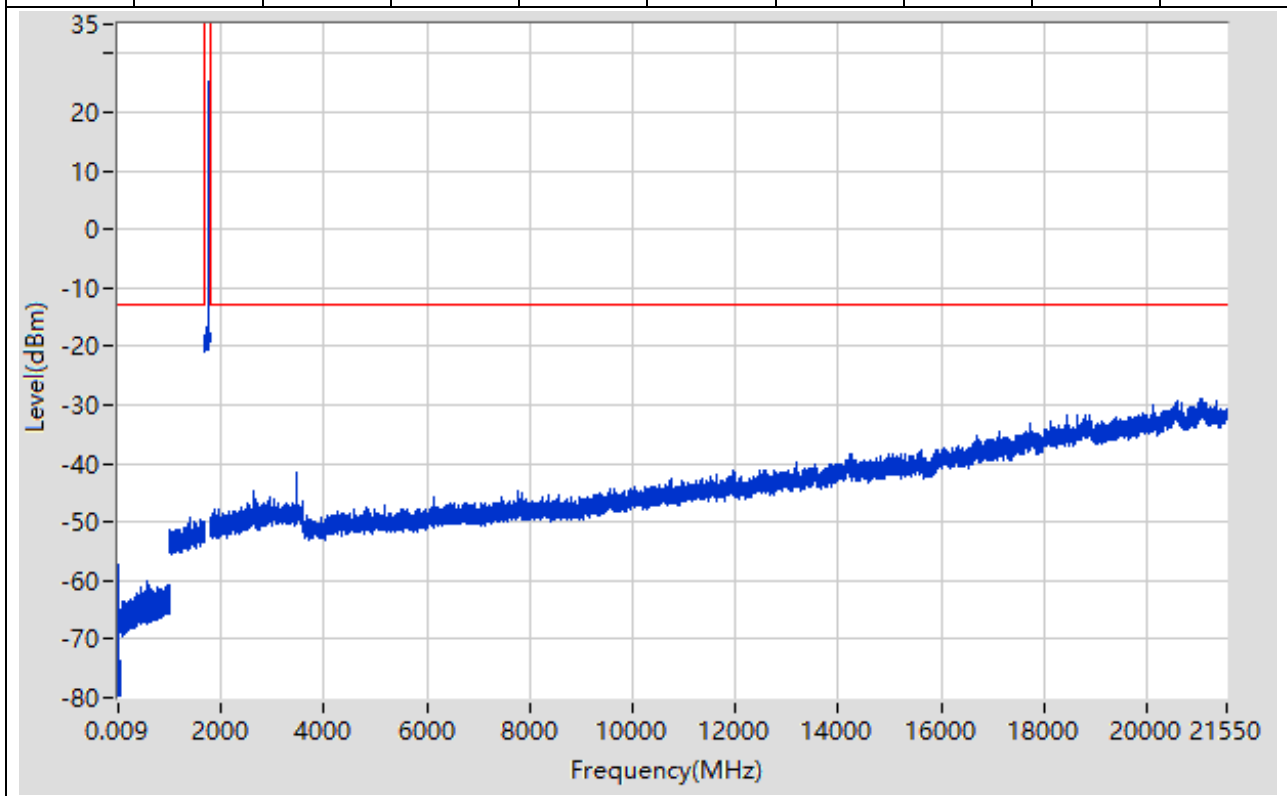
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.47	-13	41.47	Pass	401
0.15	30	0.01	RMS	0.15	-58.93	-13	45.93	Pass	2986
30	1000	0.1	RMS	944.2	-60.34	-13	47.34	Pass	9701
1000	1690	1	RMS	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)

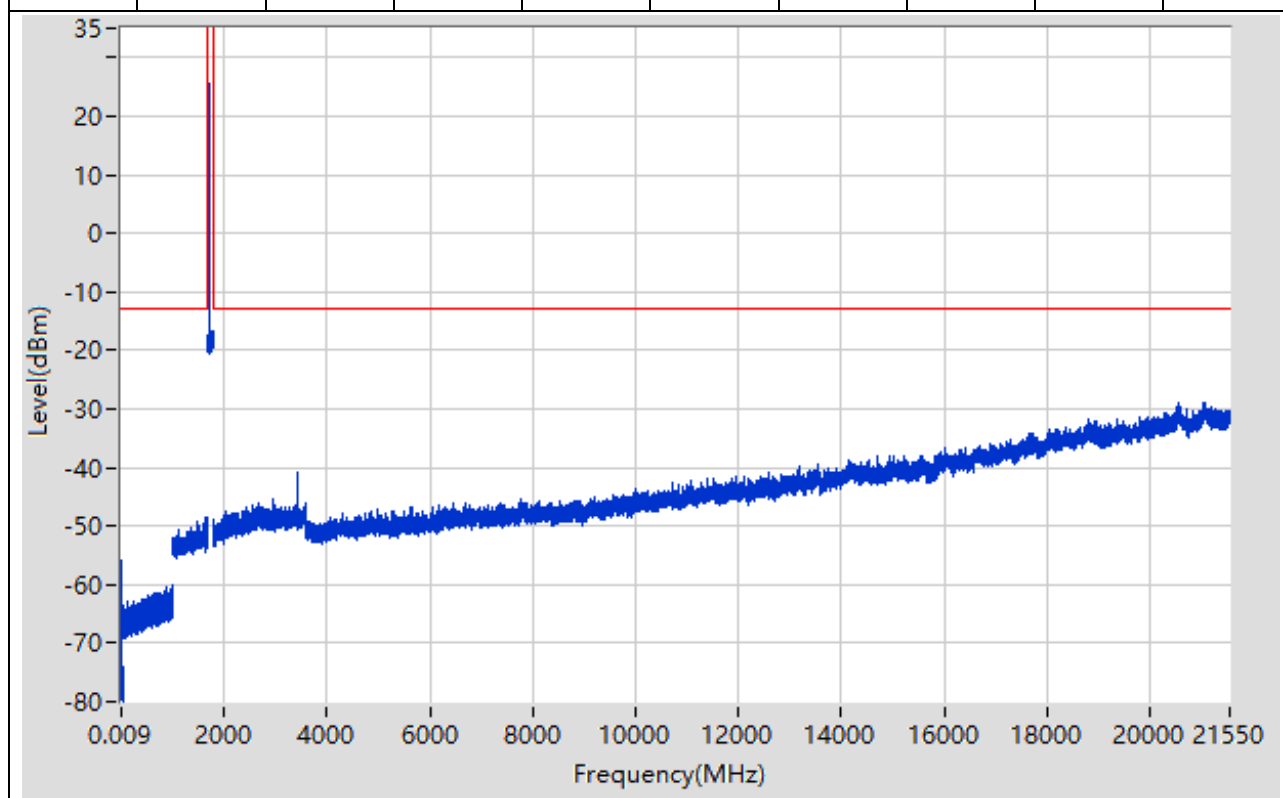
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-57.12	-13	44.12	Pass	401
0.15	30	0.01	RMS	0.15	-58.05	-13	45.05	Pass	2986
30	1000	0.1	RMS	559.3	-60.09	-13	47.09	Pass	9701
1000	1690	1	RMS	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)

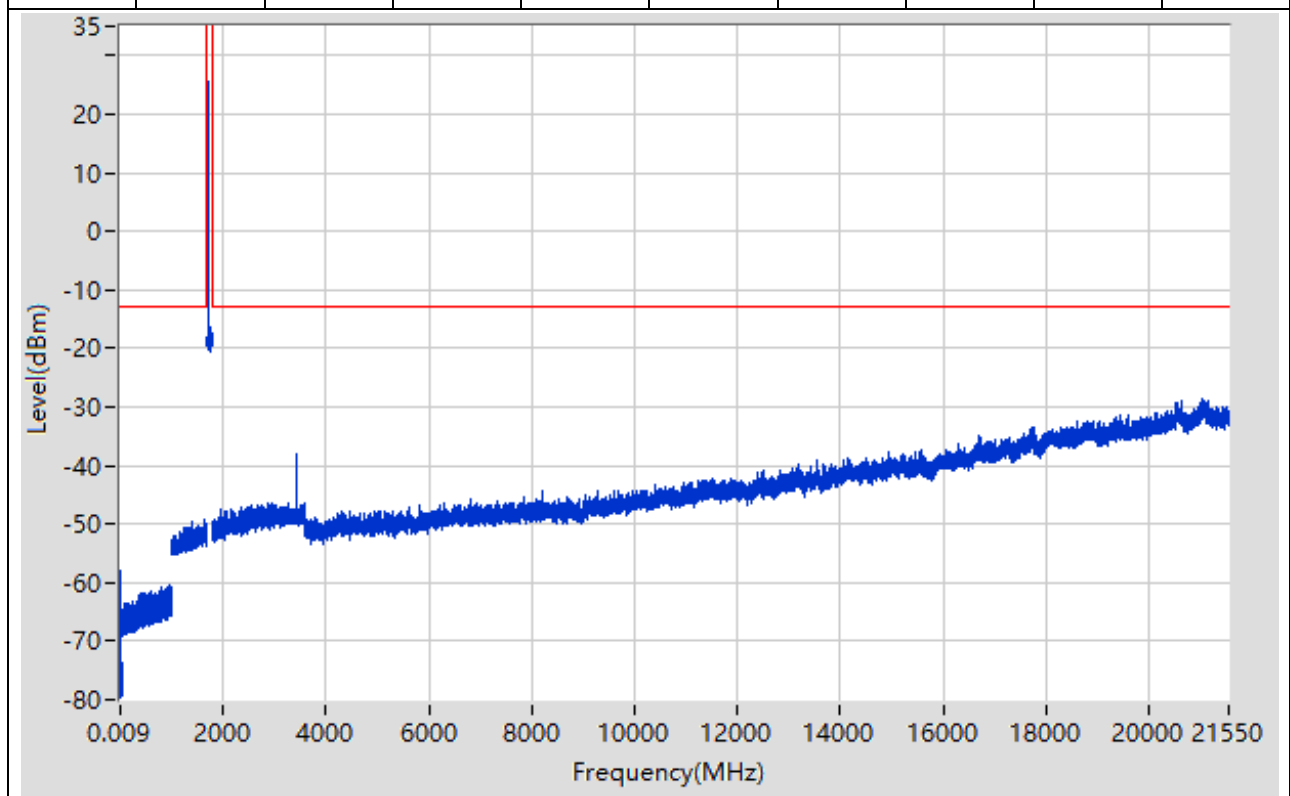
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.88	-13	42.88	Pass	401
0.15	30	0.01	RMS	0.15	-58.5	-13	45.5	Pass	2986
30	1000	0.1	RMS	981.9	-60.11	-13	47.11	Pass	9701
1000	1690	1	RMS	1687	-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)

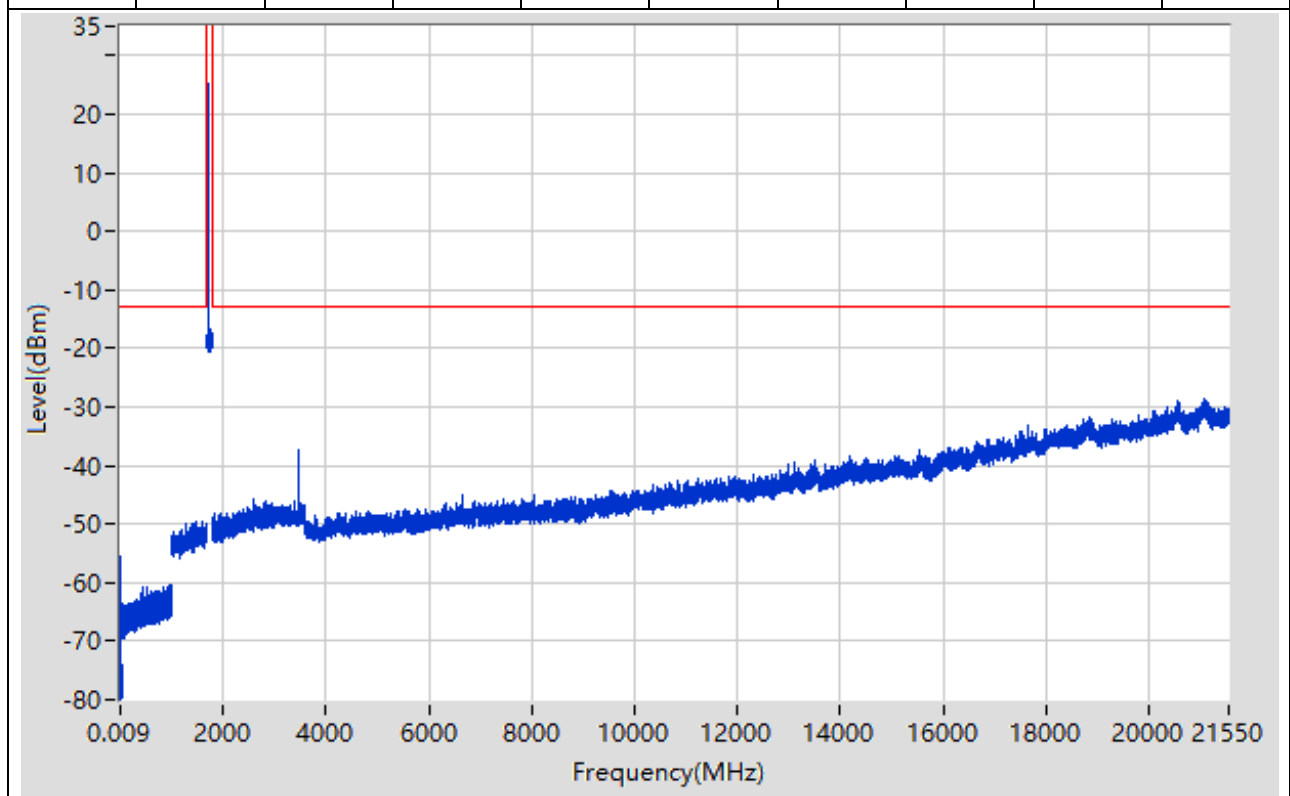
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.95	-13	44.95	Pass	401
0.15	30	0.01	RMS	0.15	-59.42	-13	46.42	Pass	2986
30	1000	0.1	RMS	950.7	-60.4	-13	47.4	Pass	9701
1000	1690	1	RMS	1622	-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)

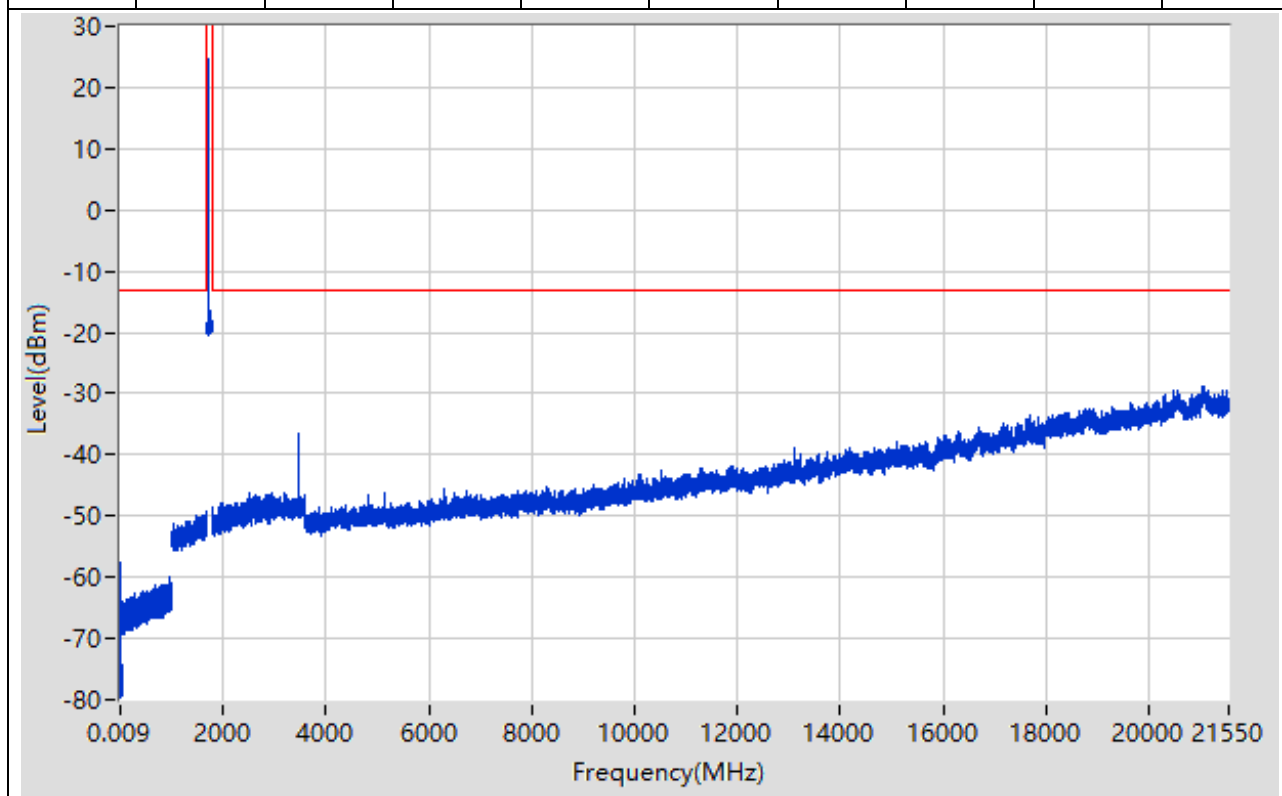
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.67	-13	42.67	Pass	401
0.15	30	0.01	RMS	0.16	-59.34	-13	46.34	Pass	2986
30	1000	0.1	RMS	976.6	-60.35	-13	47.35	Pass	9701
1000	1690	1	RMS	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)

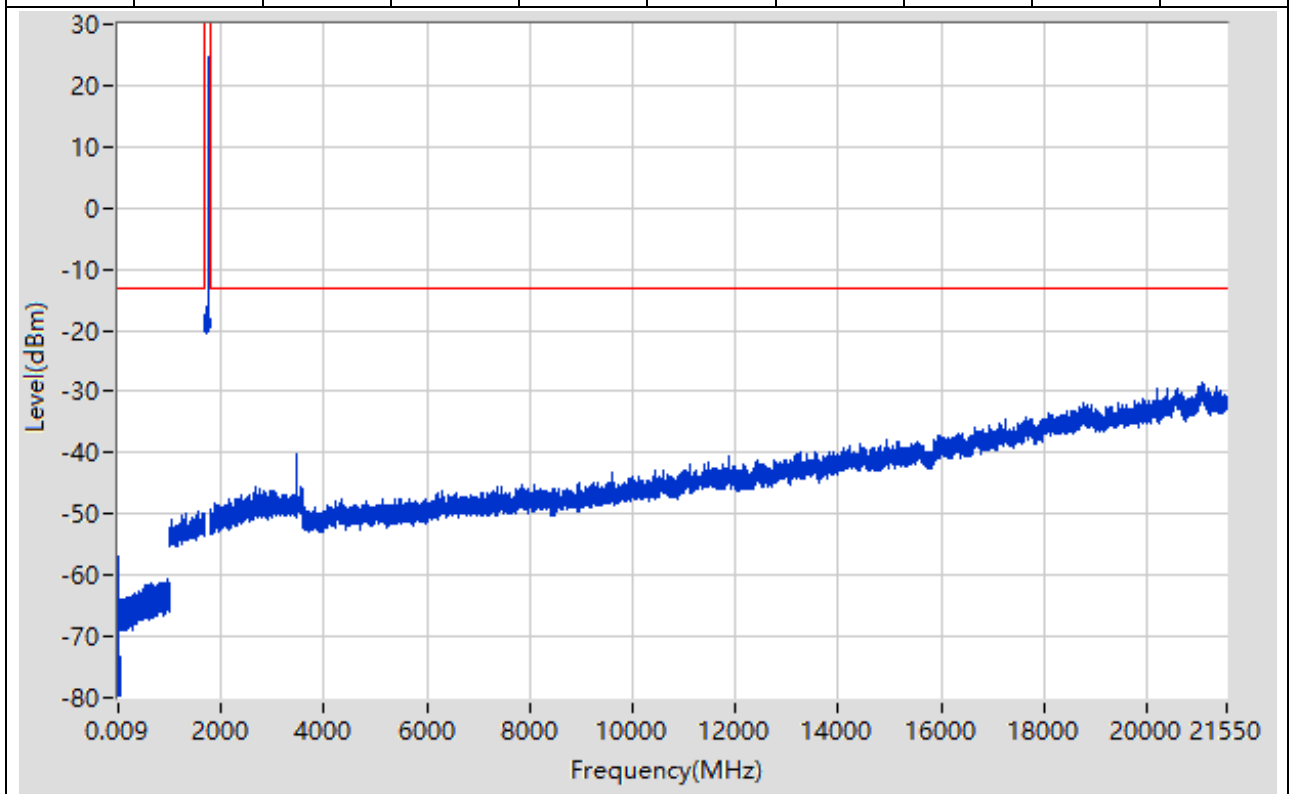
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.71	-13	44.71	Pass	401
0.15	30	0.01	RMS	0.15	-59.22	-13	46.22	Pass	2986
30	1000	0.1	RMS	973.2	-59.97	-13	46.97	Pass	9701
1000	1690	1	RMS	1681	-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

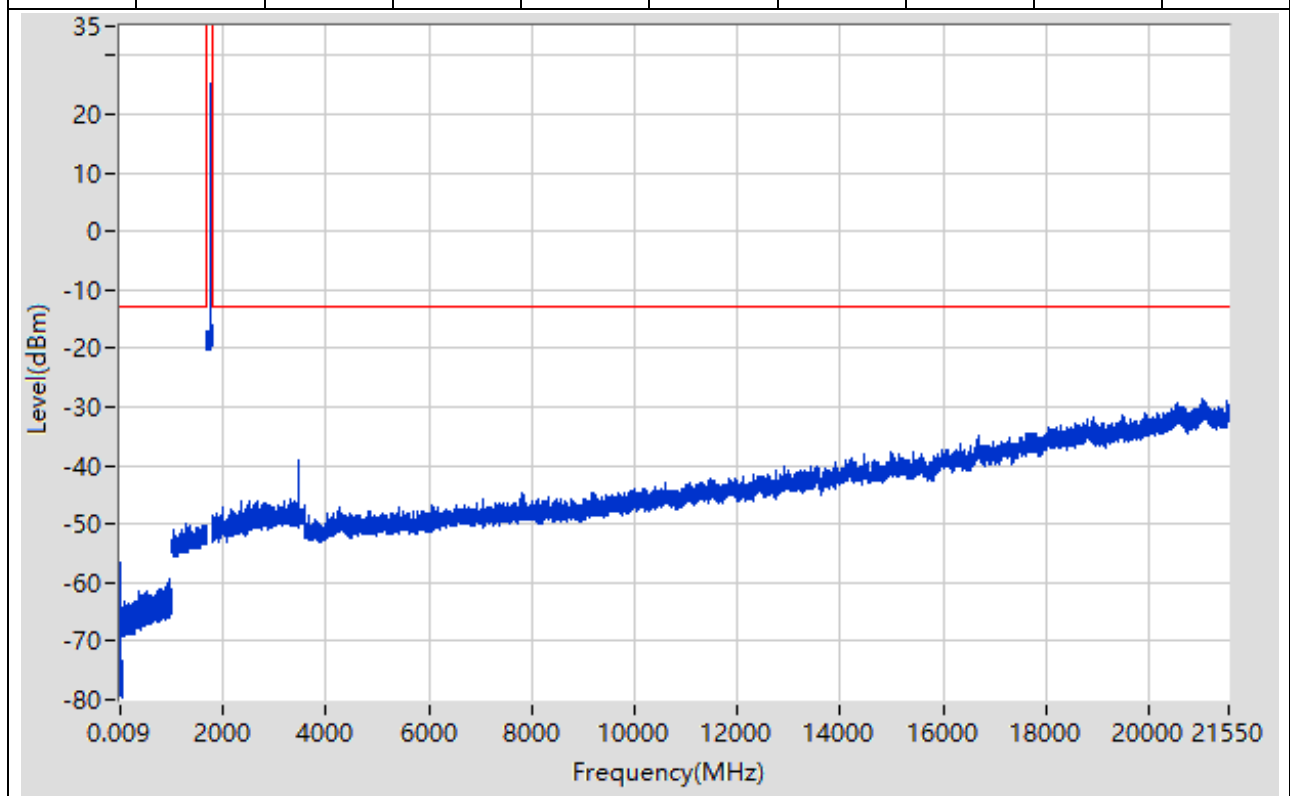




## 2.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:20300, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

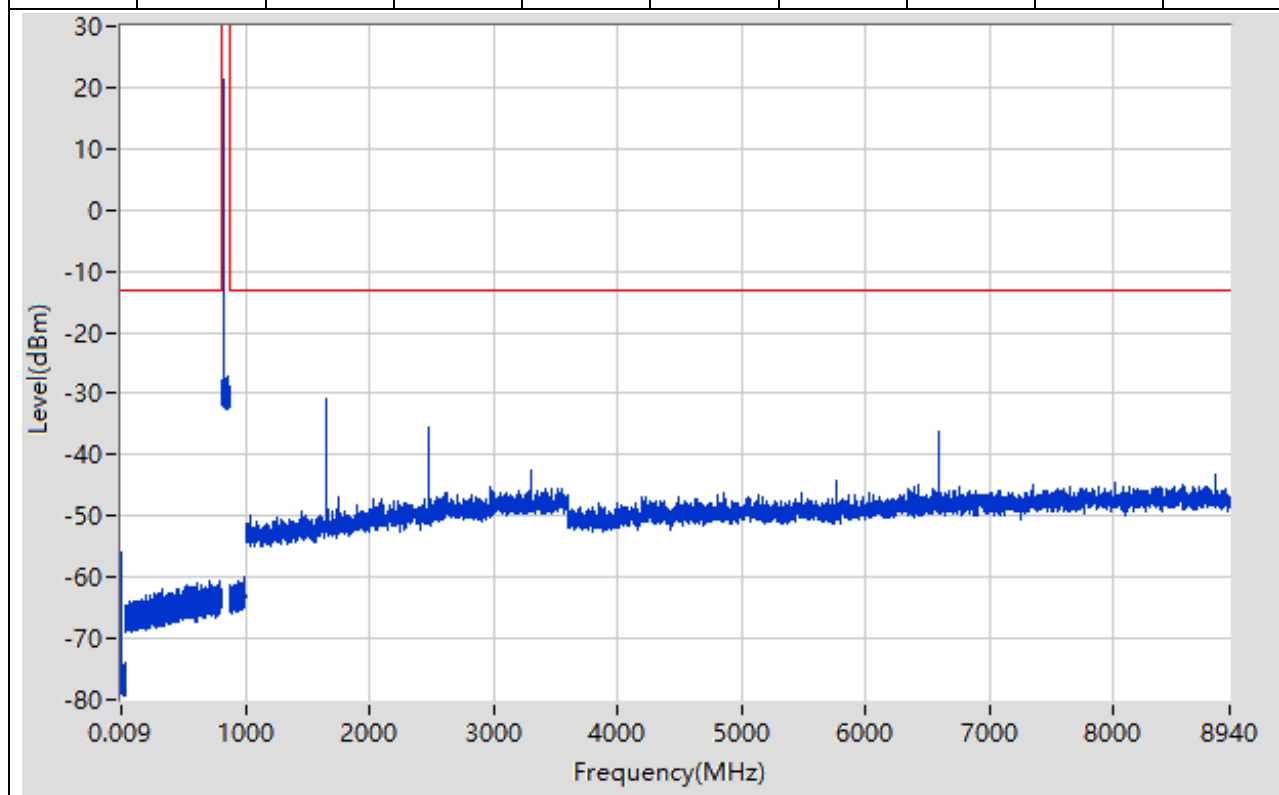
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.72	-13	43.72	Pass	401
0.15	30	0.01	RMS	0.15	-58.03	-13	45.03	Pass	2986
30	1000	0.1	RMS	964	-59.35	-13	46.35	Pass	9701
1000	1690	1	RMS	1271	-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

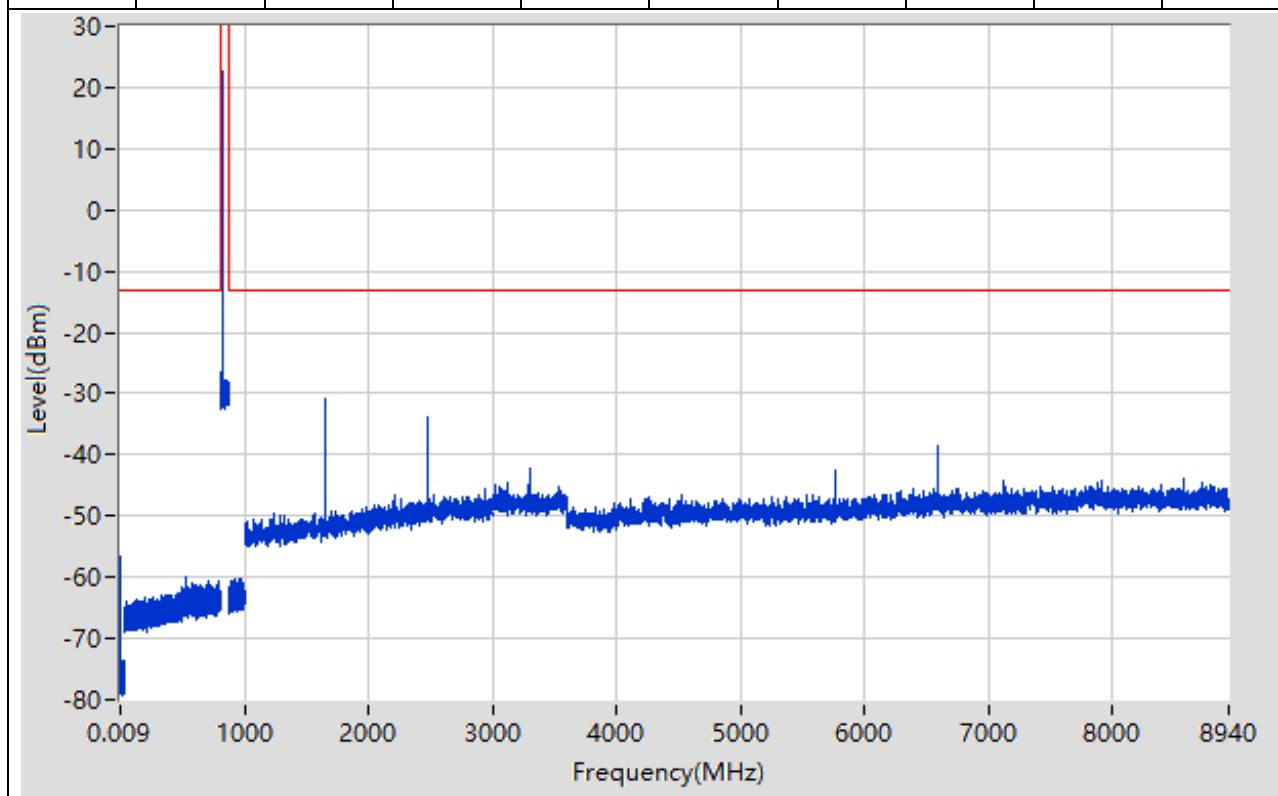
#### 3.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:20425, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



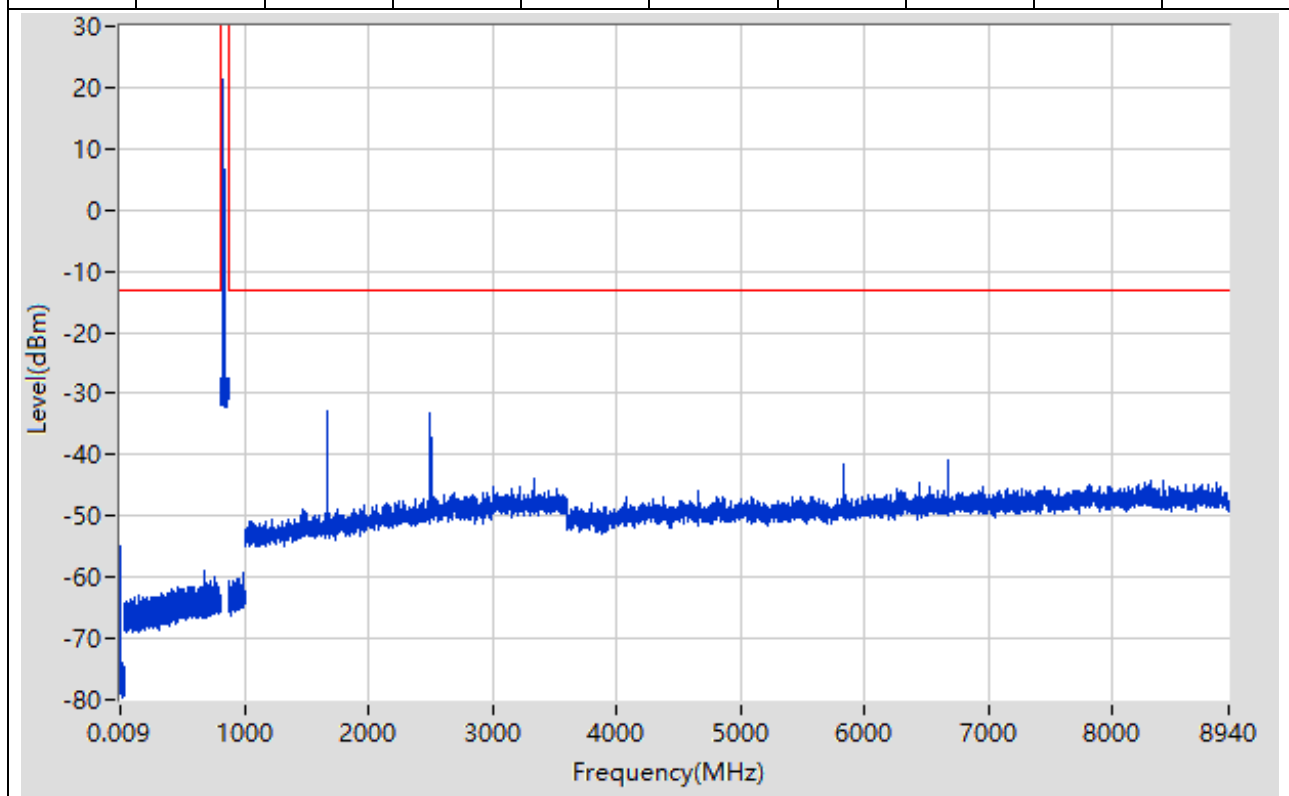
**3.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:20425, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



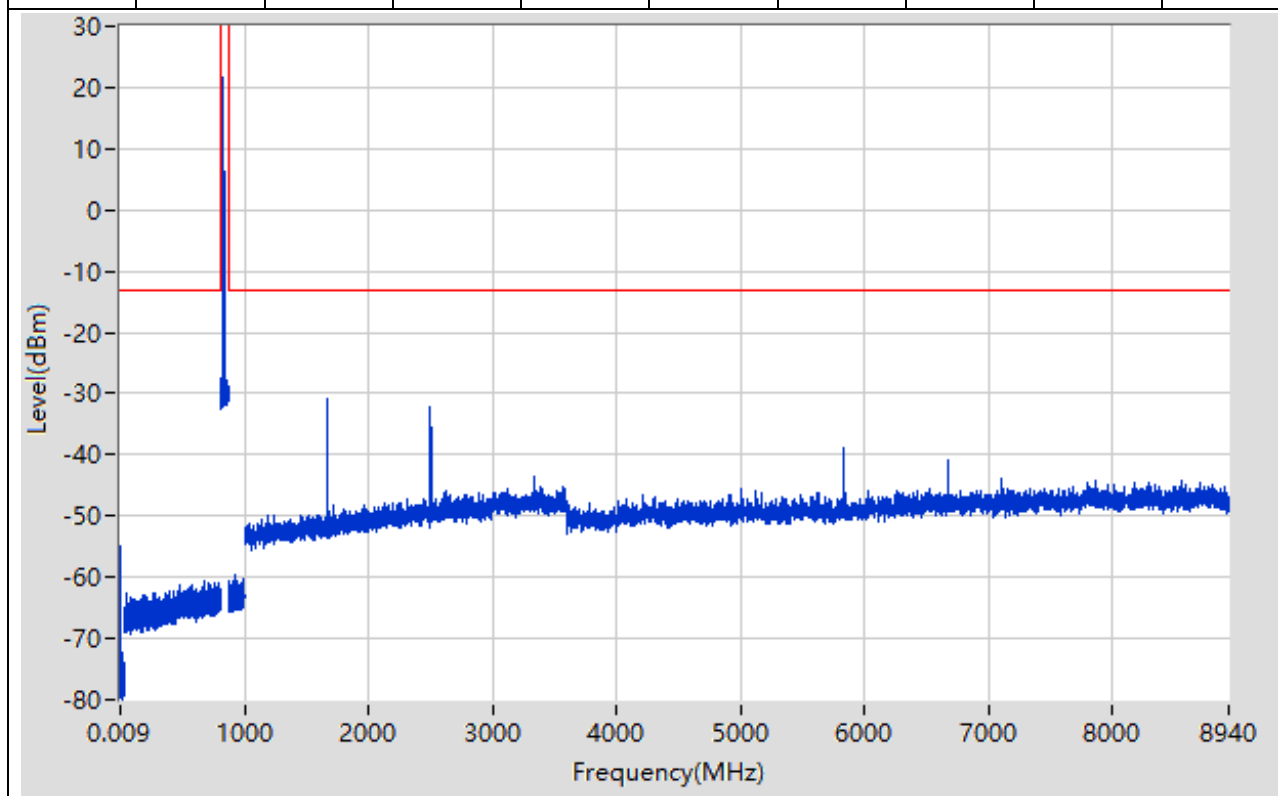
**3.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



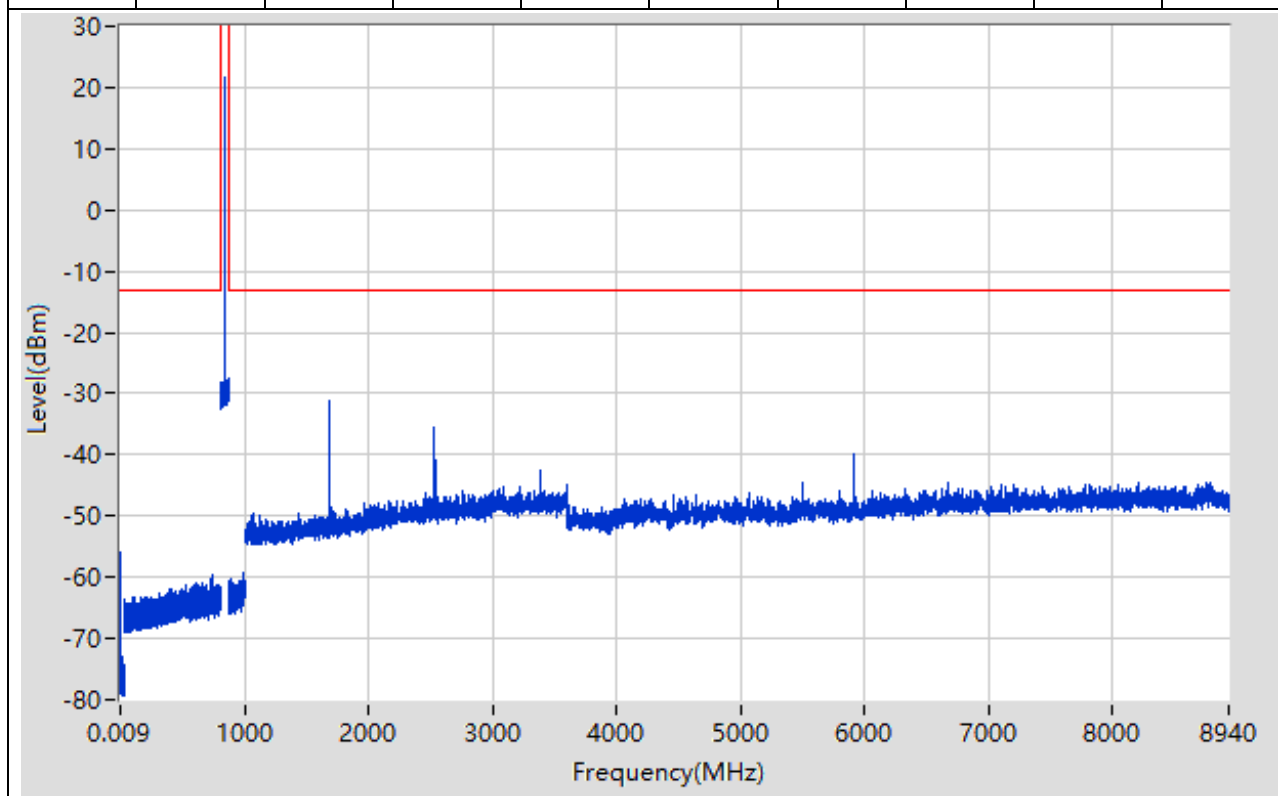
**3.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



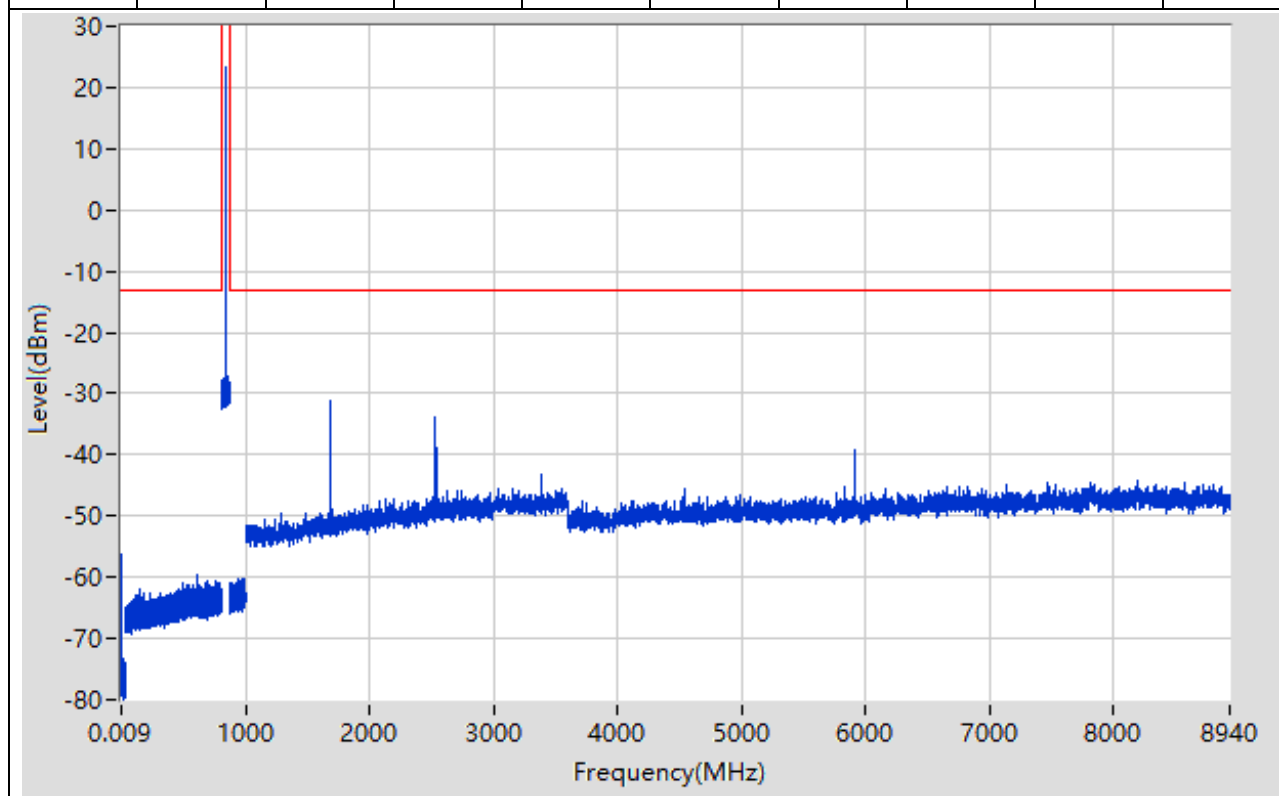
**3.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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



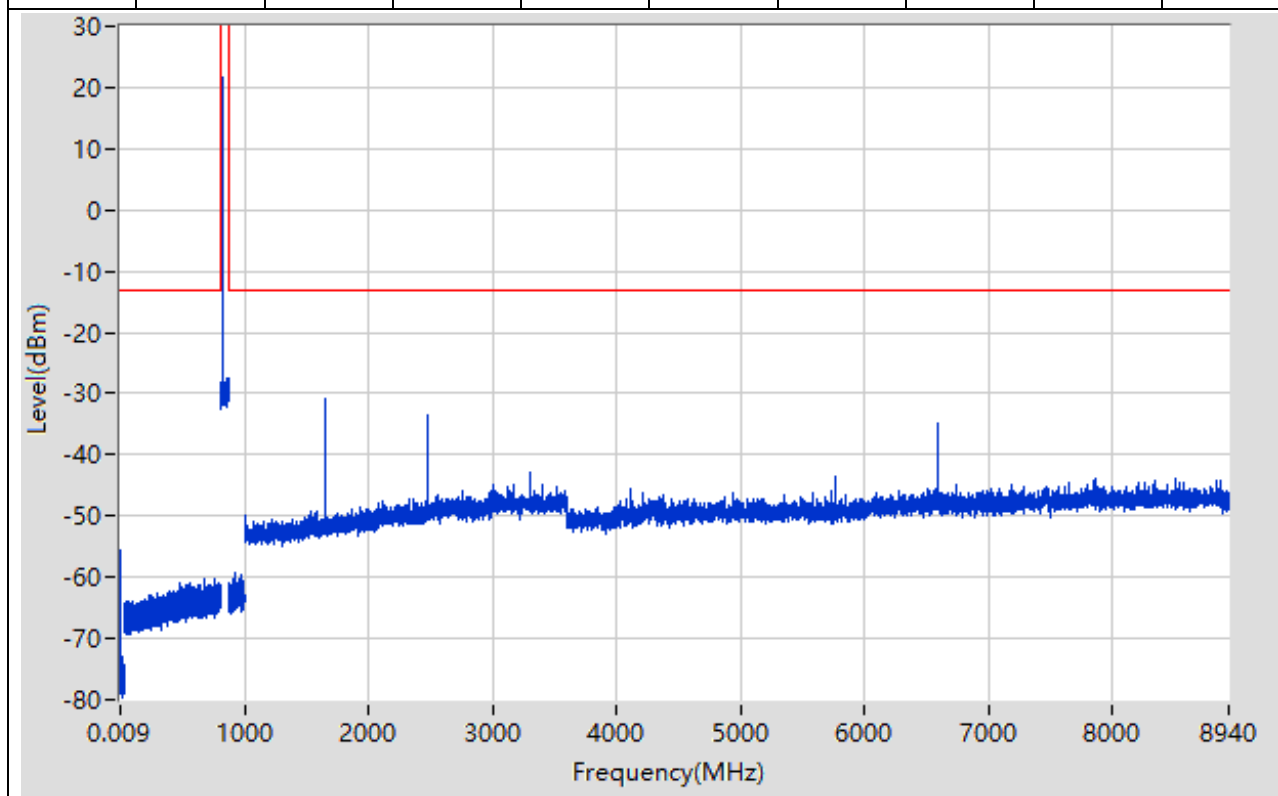
**3.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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)**

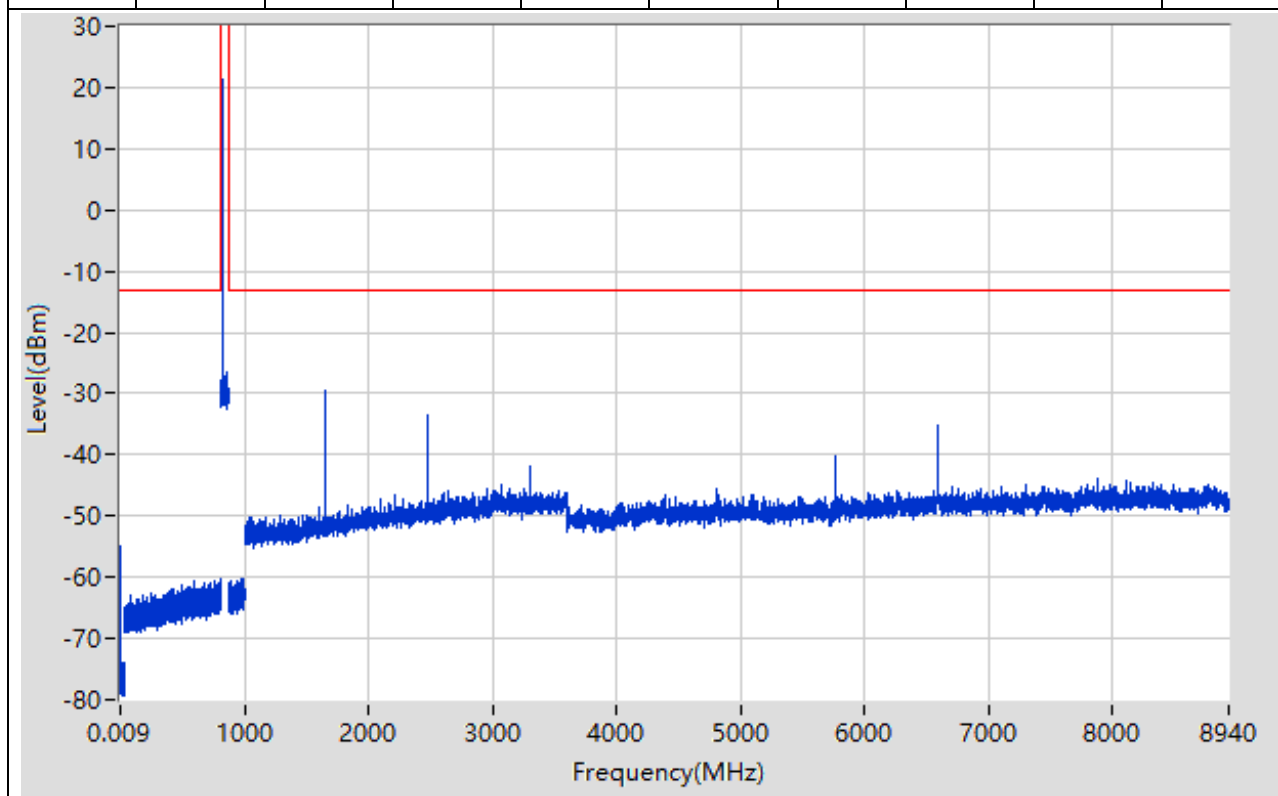
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.89	-13	43.89	Pass	401
0.15	30	0.01	RMS	0.15	-55.68	-13	42.68	Pass	2986
30	804	0.1	RMS	764.2	-60.15	-13	47.15	Pass	7741
804	869	0.1	RMS	824.7	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





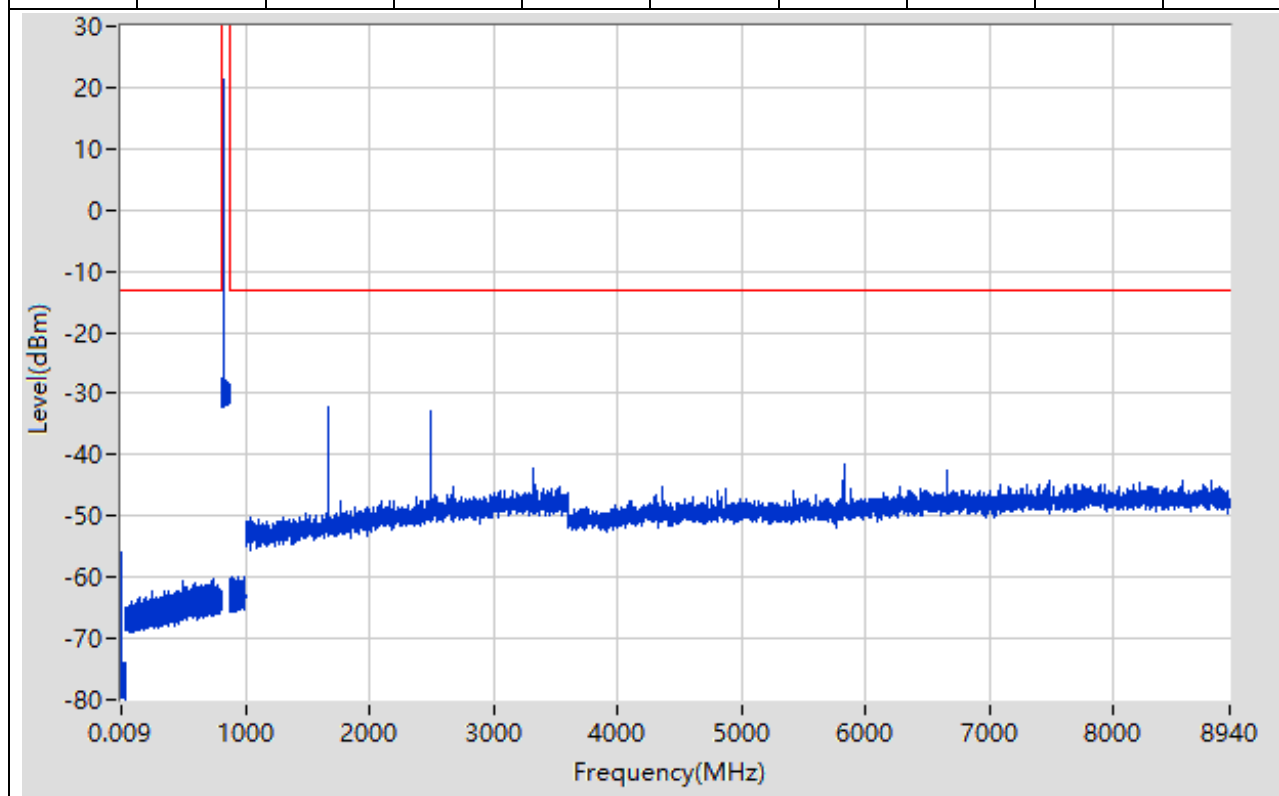
**3.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20450, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

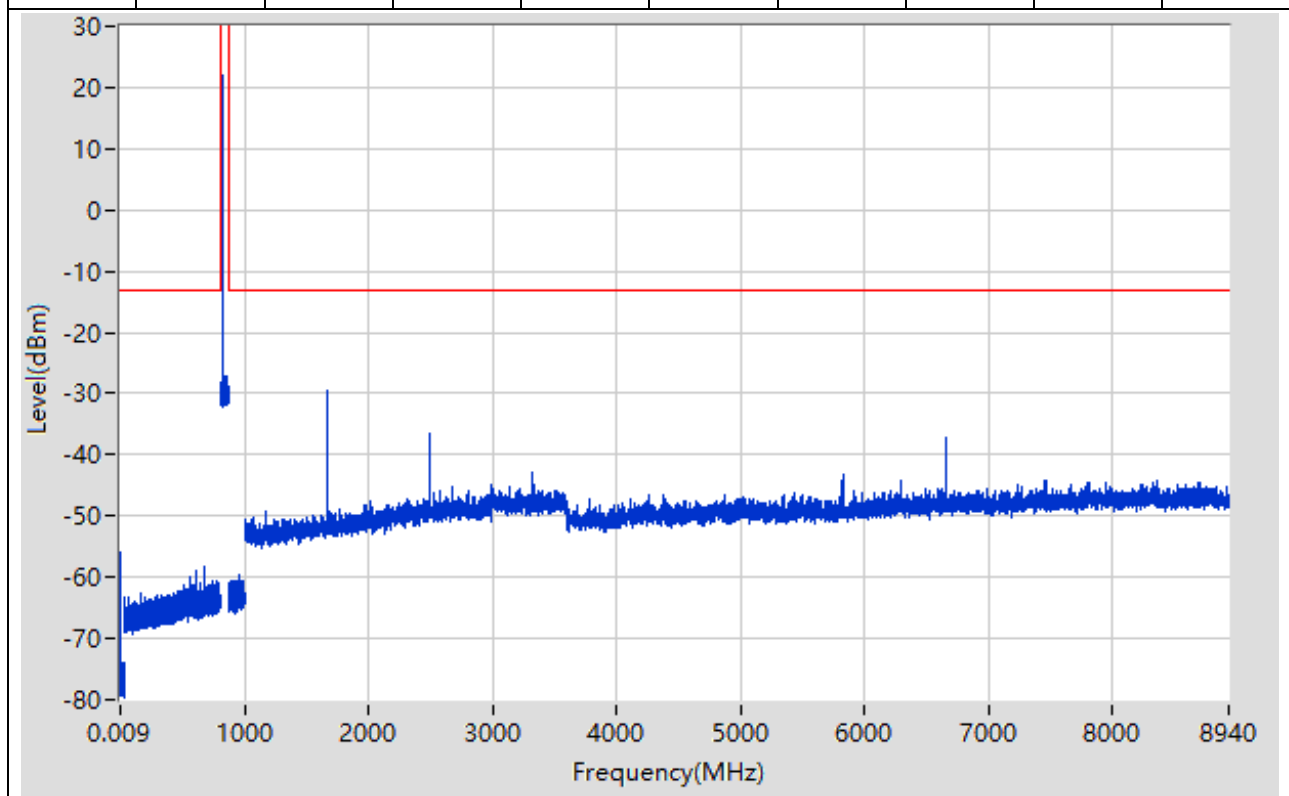
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.98	-13	42.98	Pass	401
0.15	30	0.01	RMS	0.16	-56.83	-13	43.83	Pass	2986
30	804	0.1	RMS	736.8	-60.34	-13	47.34	Pass	7741
804	869	0.1	RMS	832.2	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)

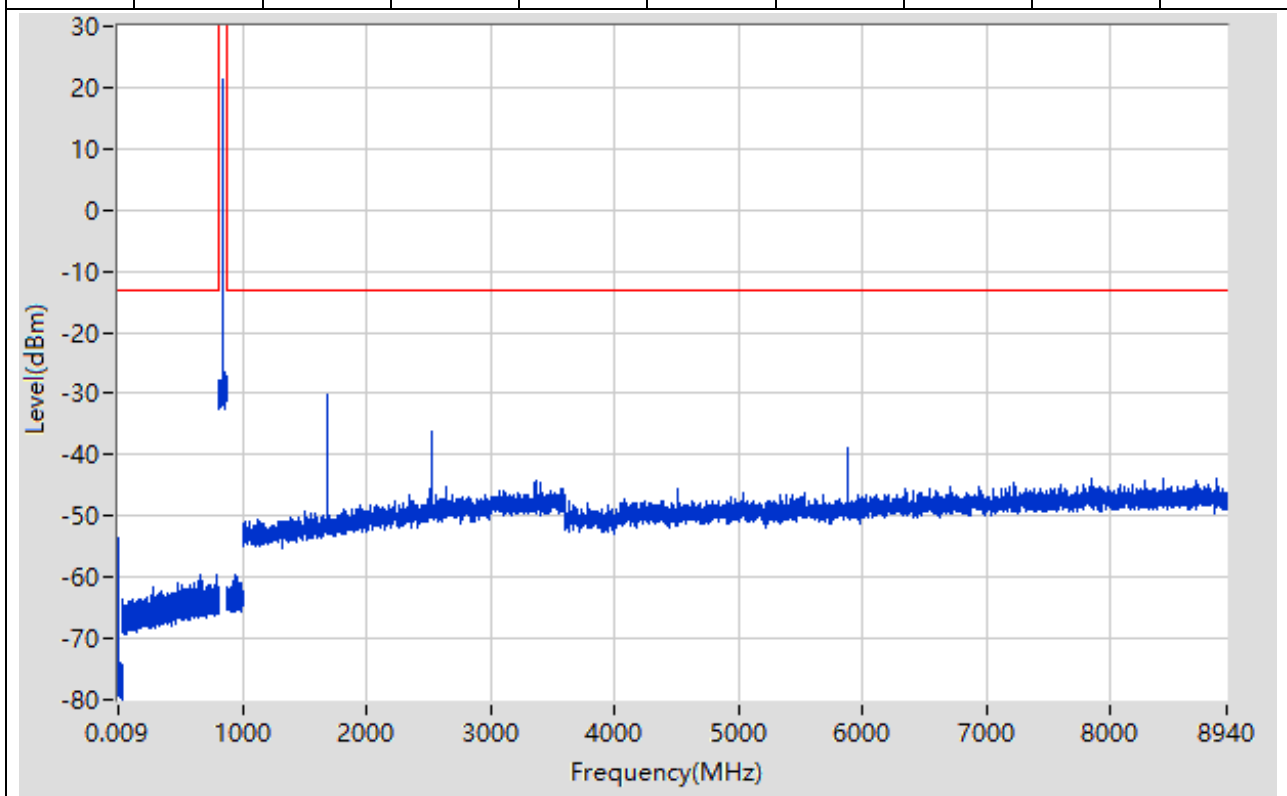
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-55.86	-13	42.86	Pass	401
0.15	30	0.01	RMS	0.15	-56.24	-13	43.24	Pass	2986
30	804	0.1	RMS	681.8	-58.35	-13	45.35	Pass	7741
804	869	0.1	RMS	832.2	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)

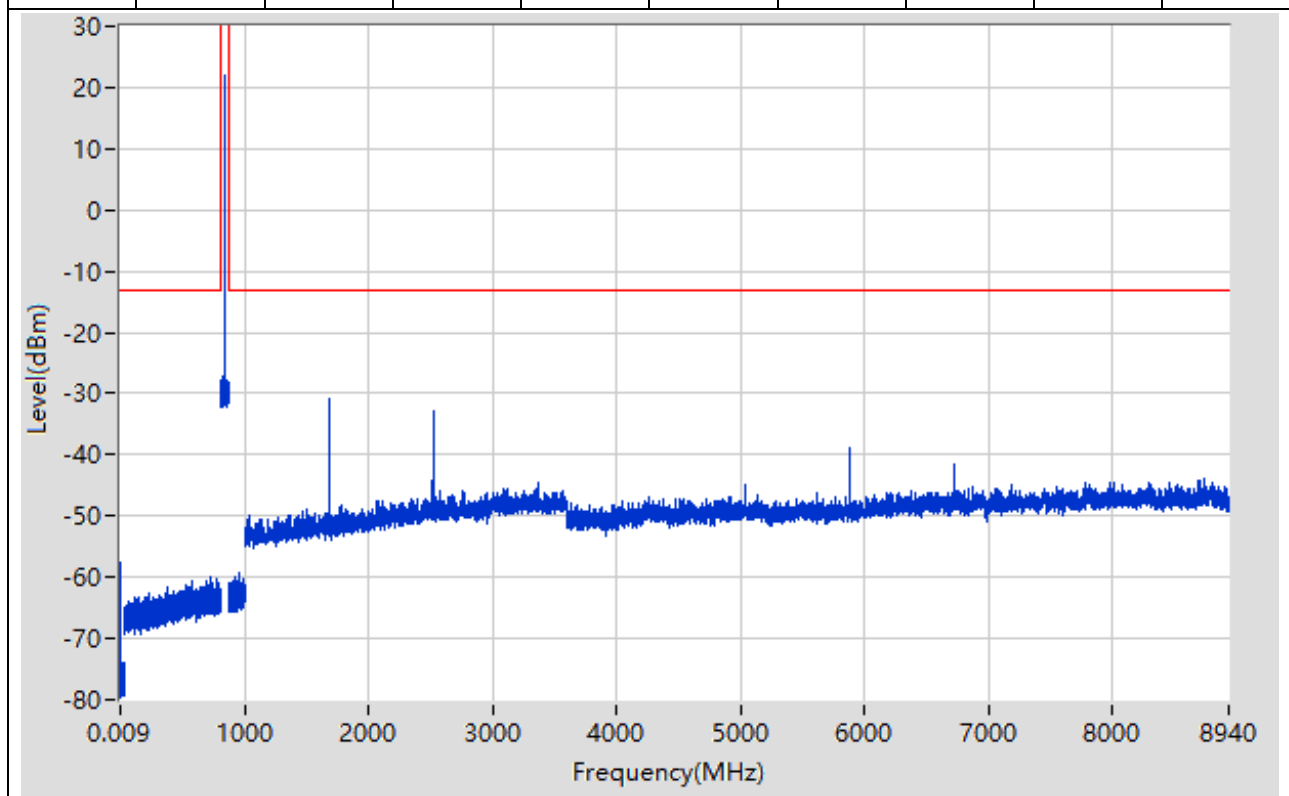
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.39	-13	43.39	Pass	401
0.15	30	0.01	RMS	0.15	-53.71	-13	40.71	Pass	2986
30	804	0.1	RMS	668.6	-59.52	-13	46.52	Pass	7741
804	869	0.1	RMS	840.6	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)

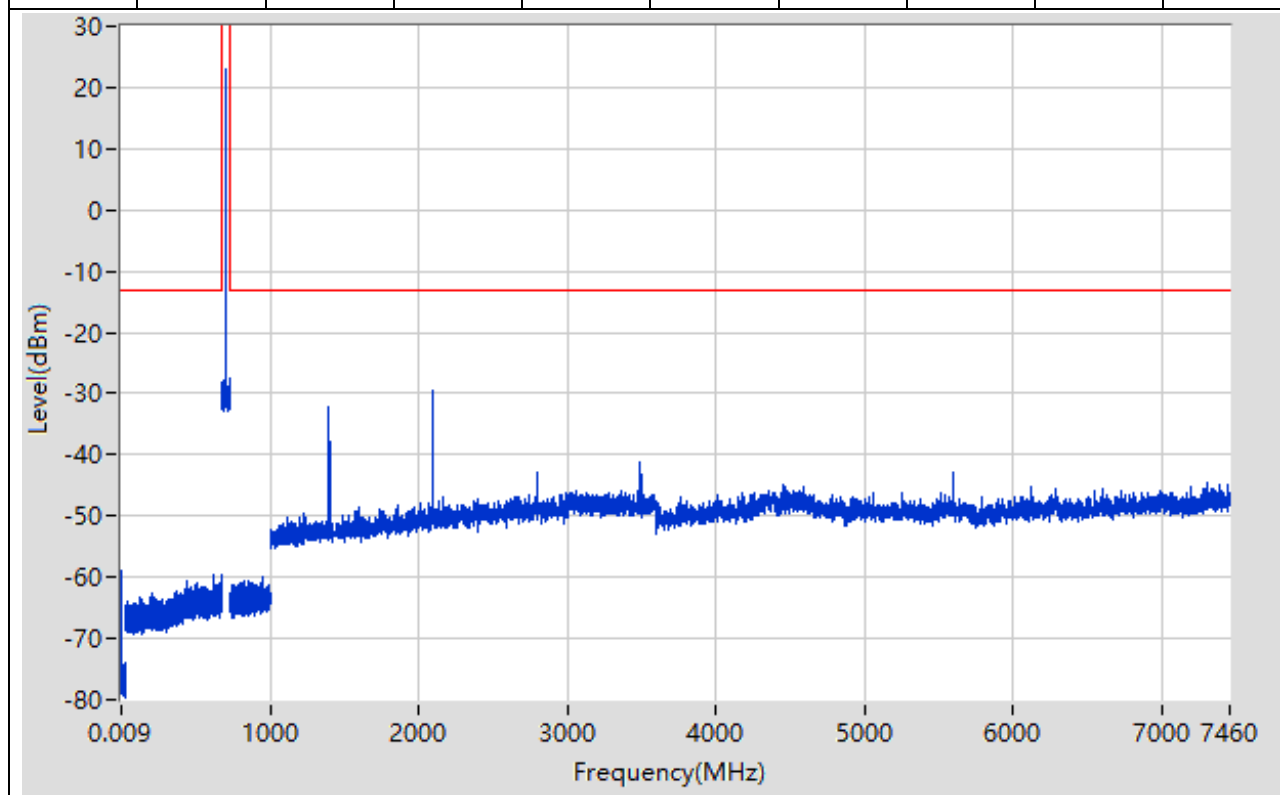
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.64	-13	44.64	Pass	401
0.15	30	0.01	RMS	0.15	-57.59	-13	44.59	Pass	2986
30	804	0.1	RMS	735.1	-60.03	-13	47.03	Pass	7741
804	869	0.1	RMS	840.6	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

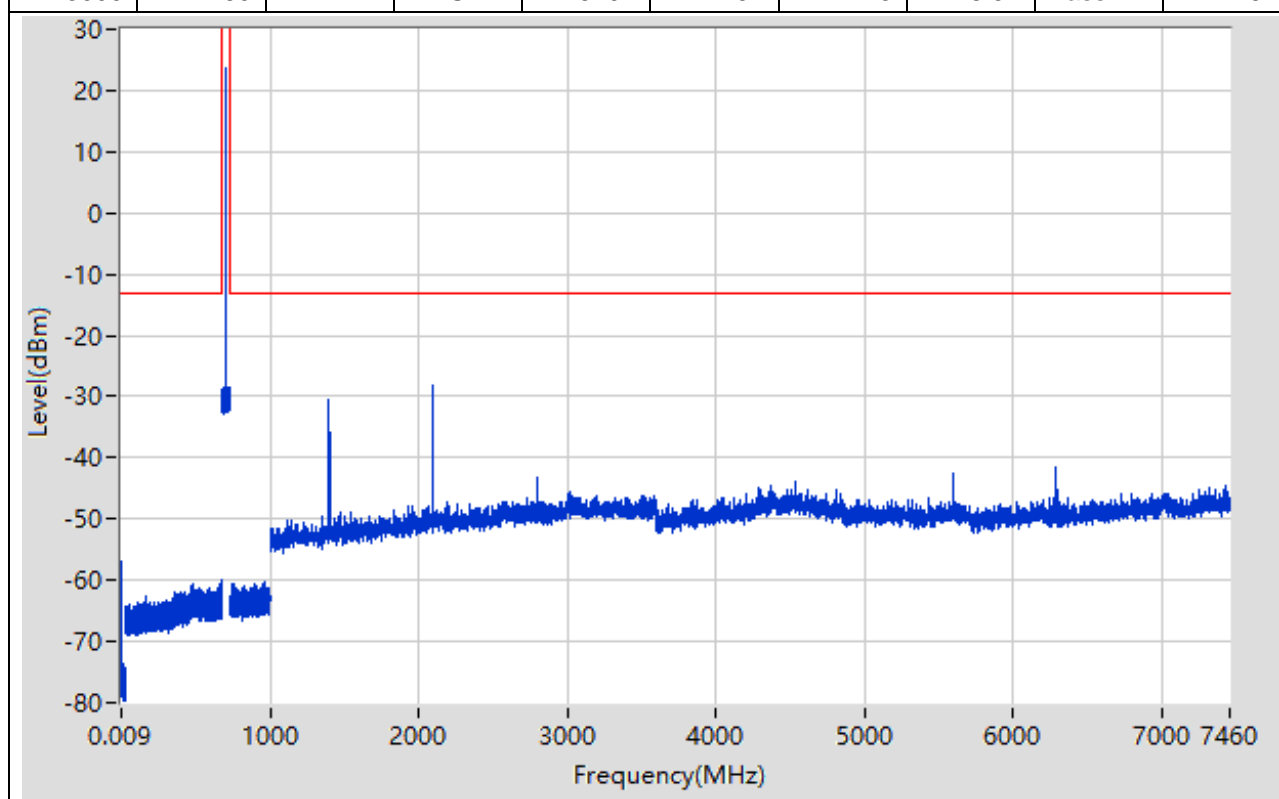
### 4.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23035, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



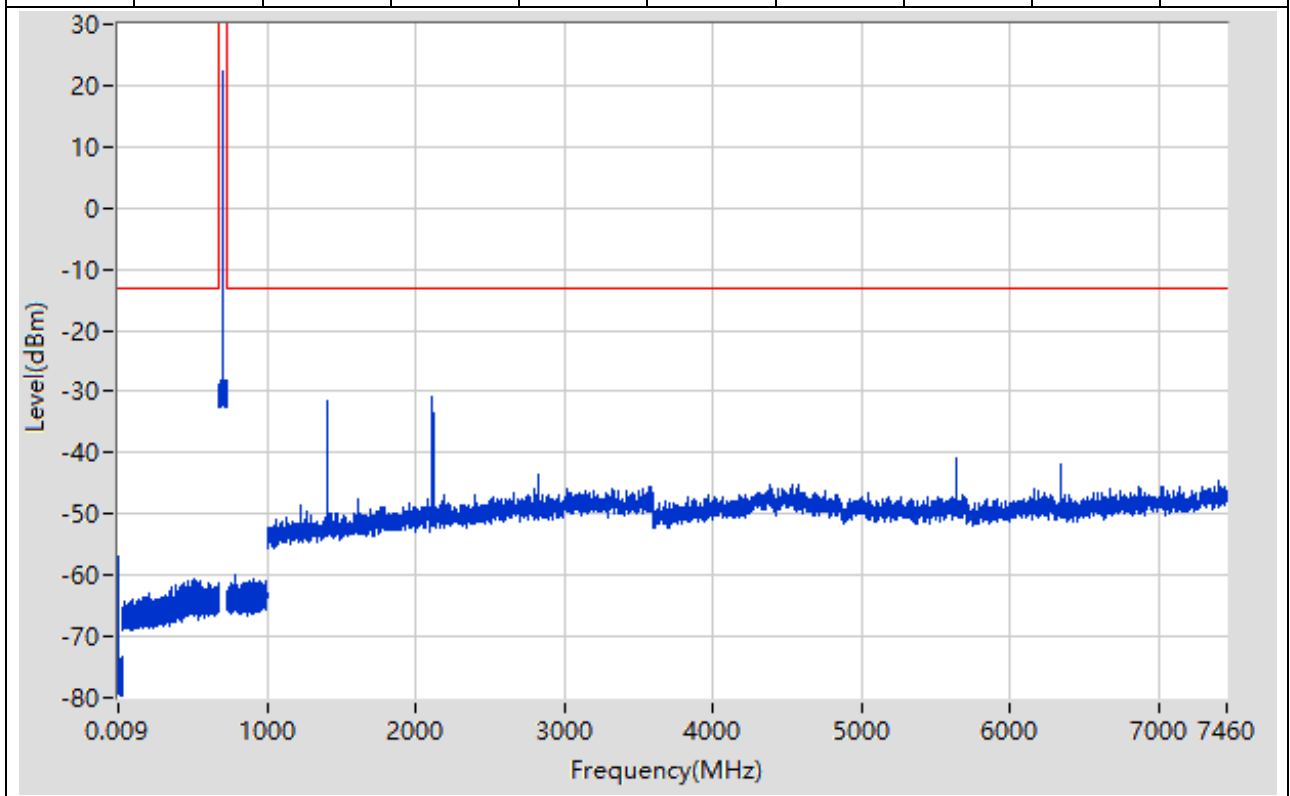
**4.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23035, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

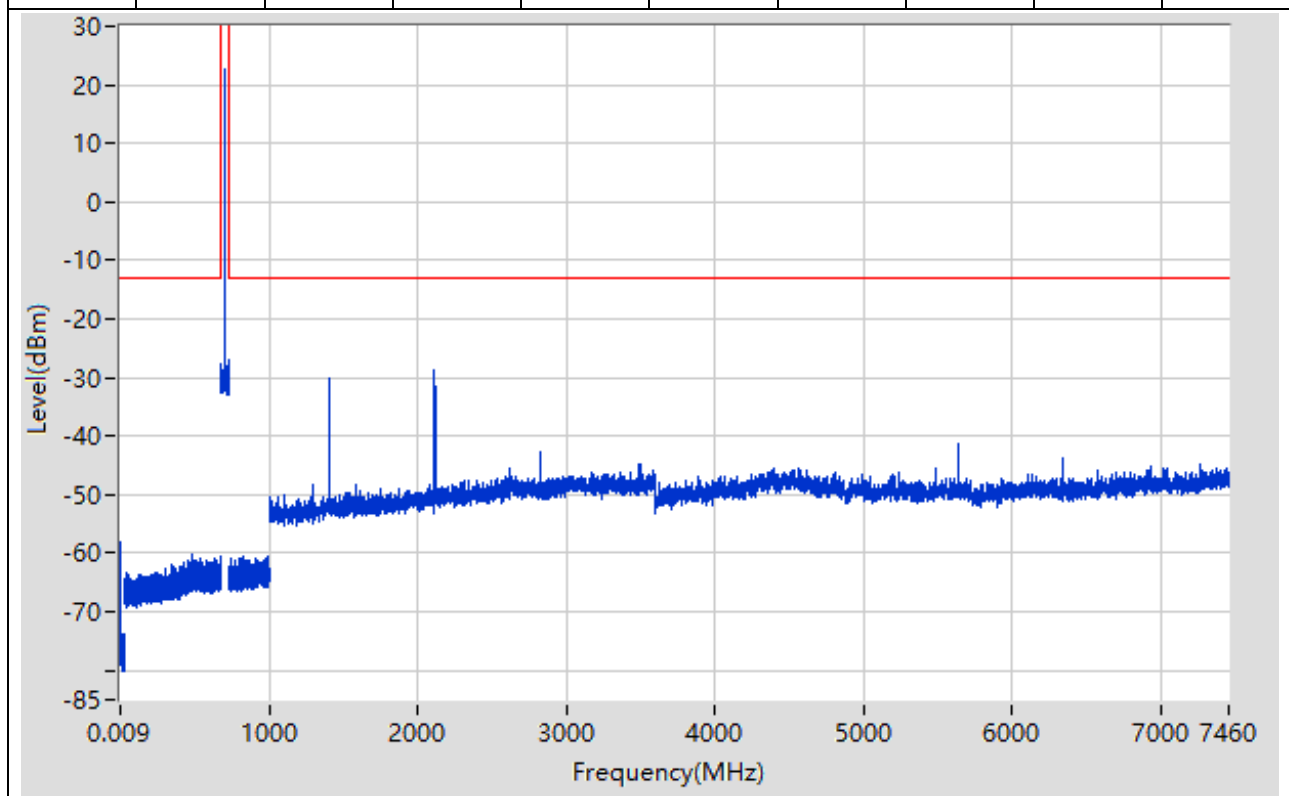
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.64	-13	46.64	Pass	401
0.15	30	0.01	RMS	0.15	-56.98	-13	43.98	Pass	2986
30	679	0.1	RMS	514.5	-60.62	-13	47.62	Pass	6491
679	736	0.1	RMS	705.3	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





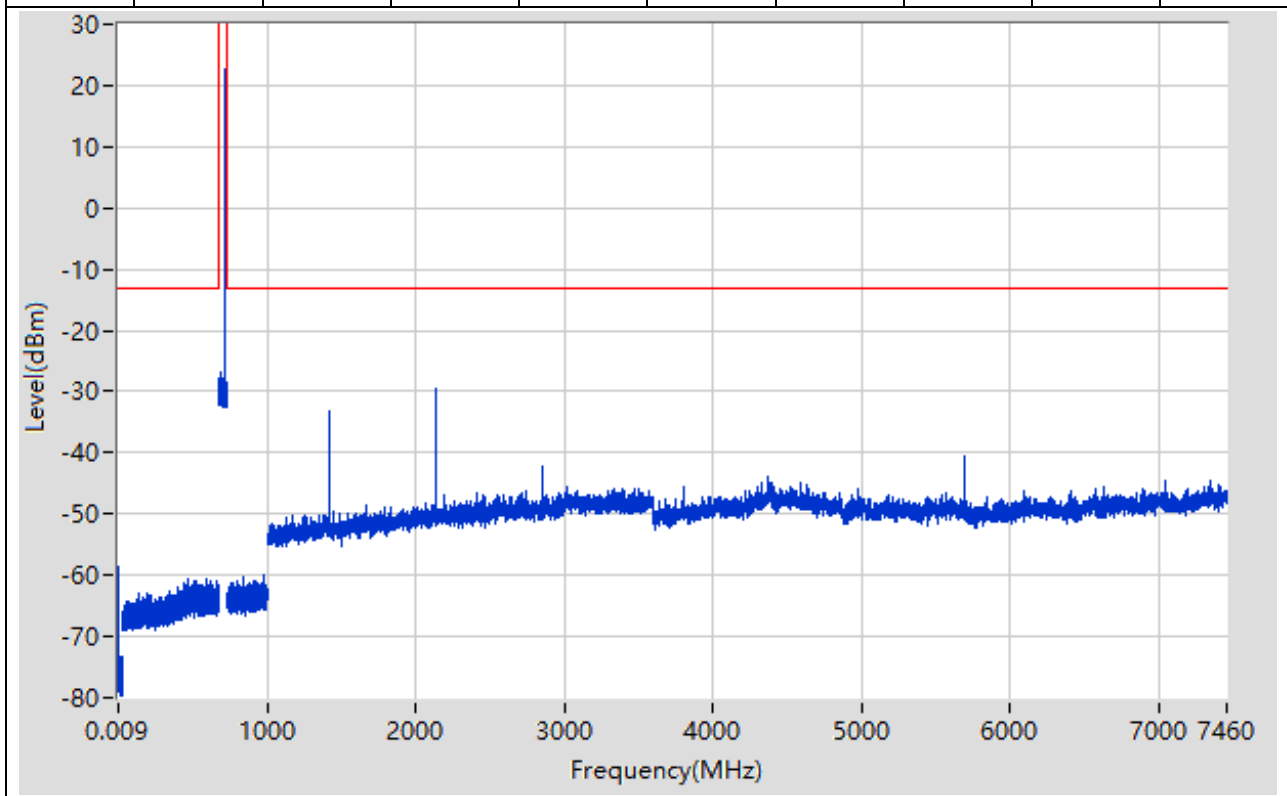
**4.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23095, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



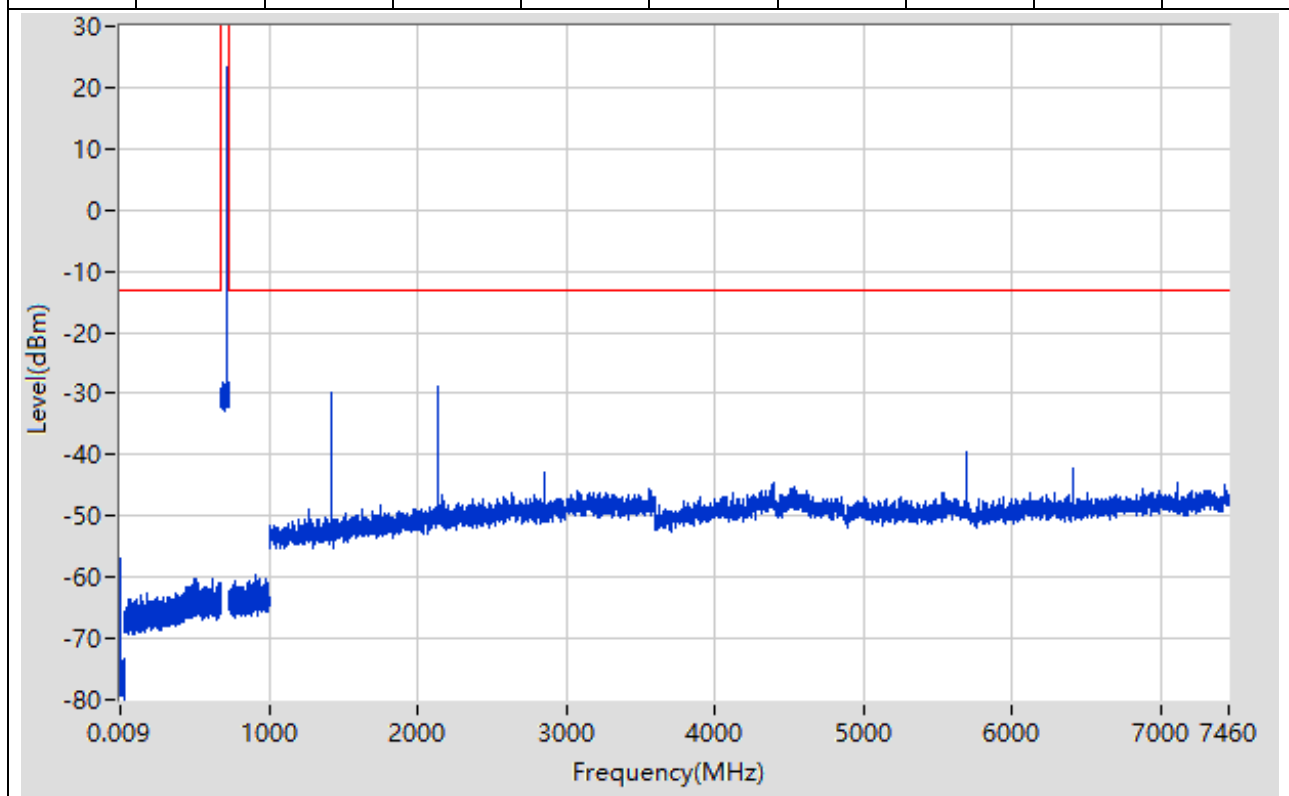
**4.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23155, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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



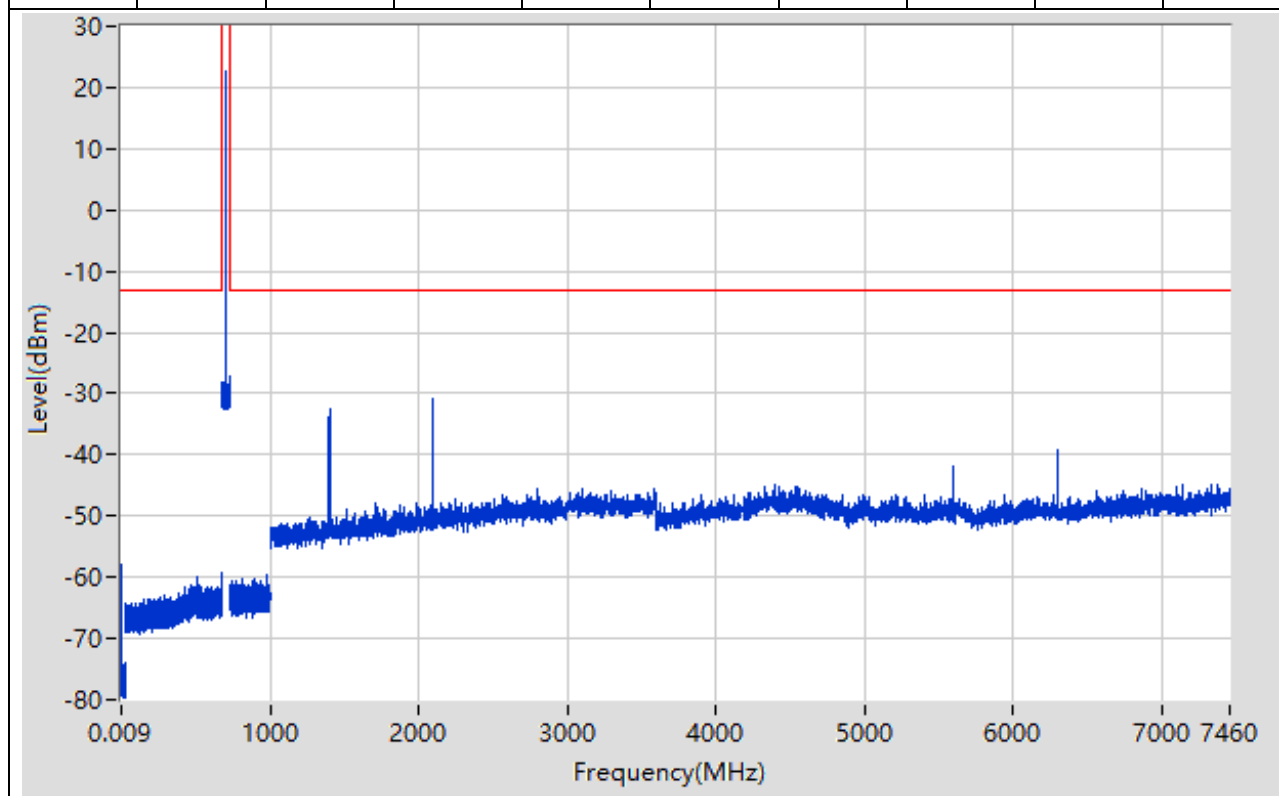
**4.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23155, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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



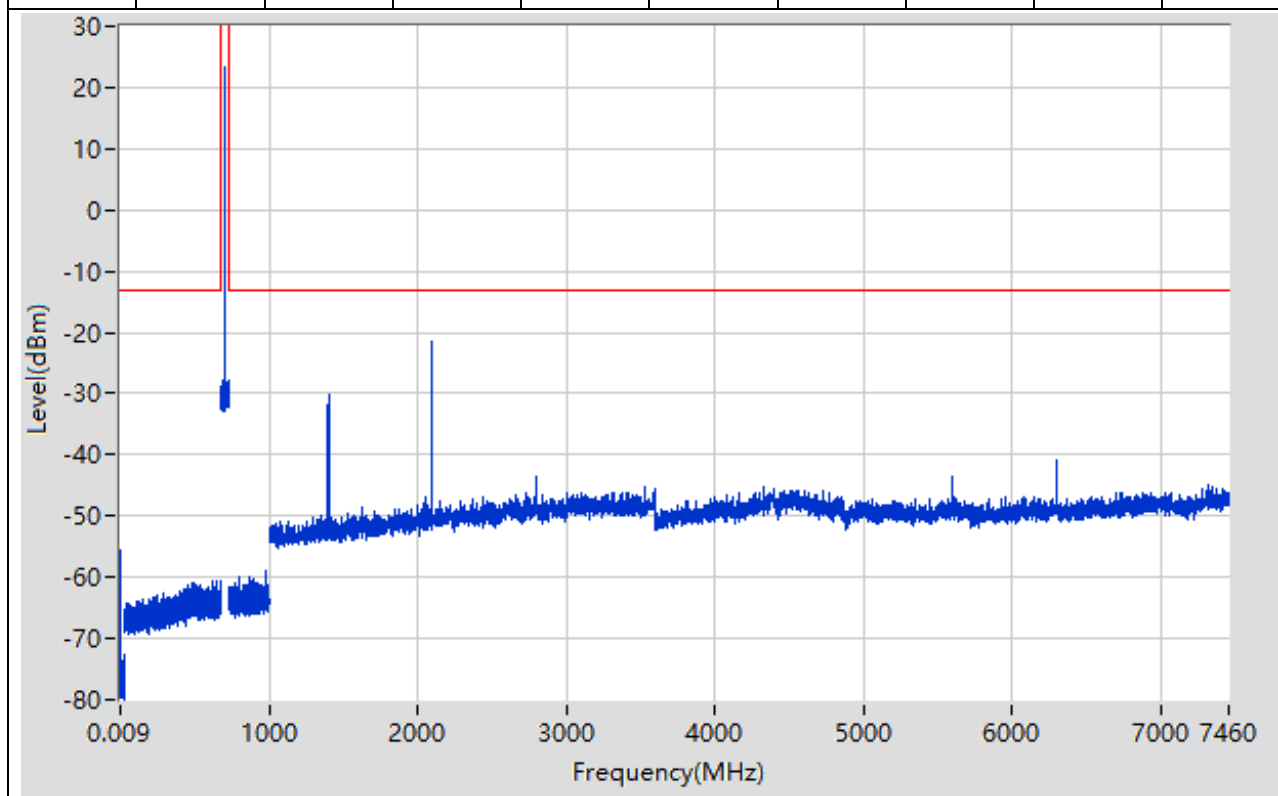
**4.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:23060, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



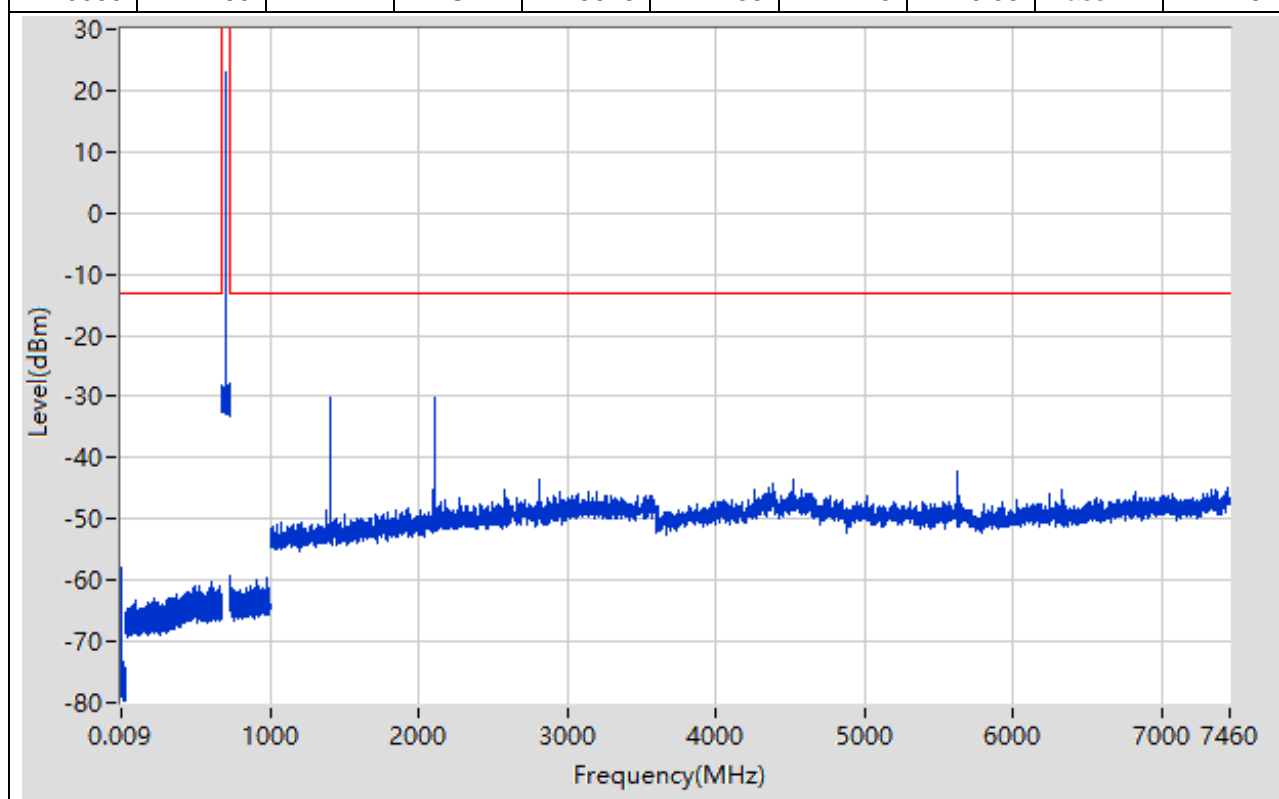
**4.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23060, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

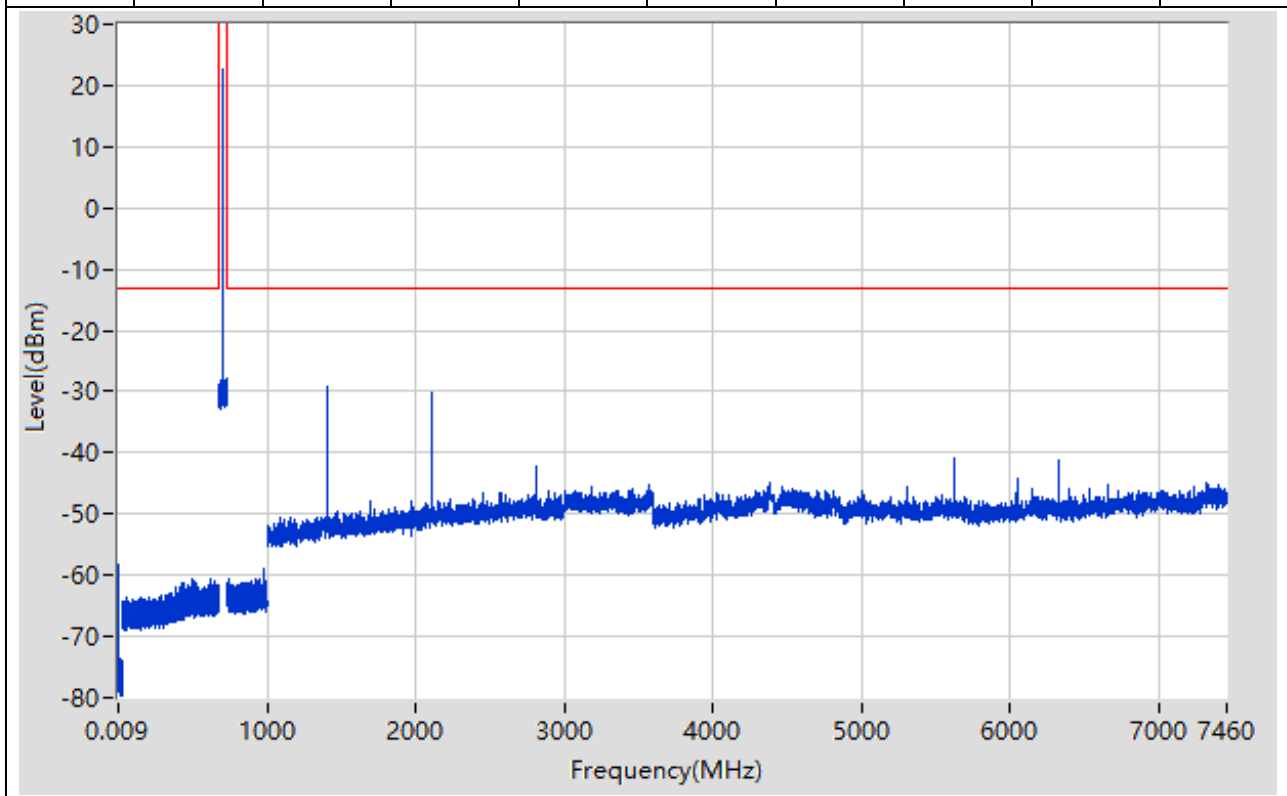
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.108	-60.13	-13	47.13	Pass	401
0.15	30	0.01	RMS	0.16	-58.03	-13	45.03	Pass	2986
30	679	0.1	RMS	609.7	-60.12	-13	47.12	Pass	6491
679	736	0.1	RMS	703.2	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)

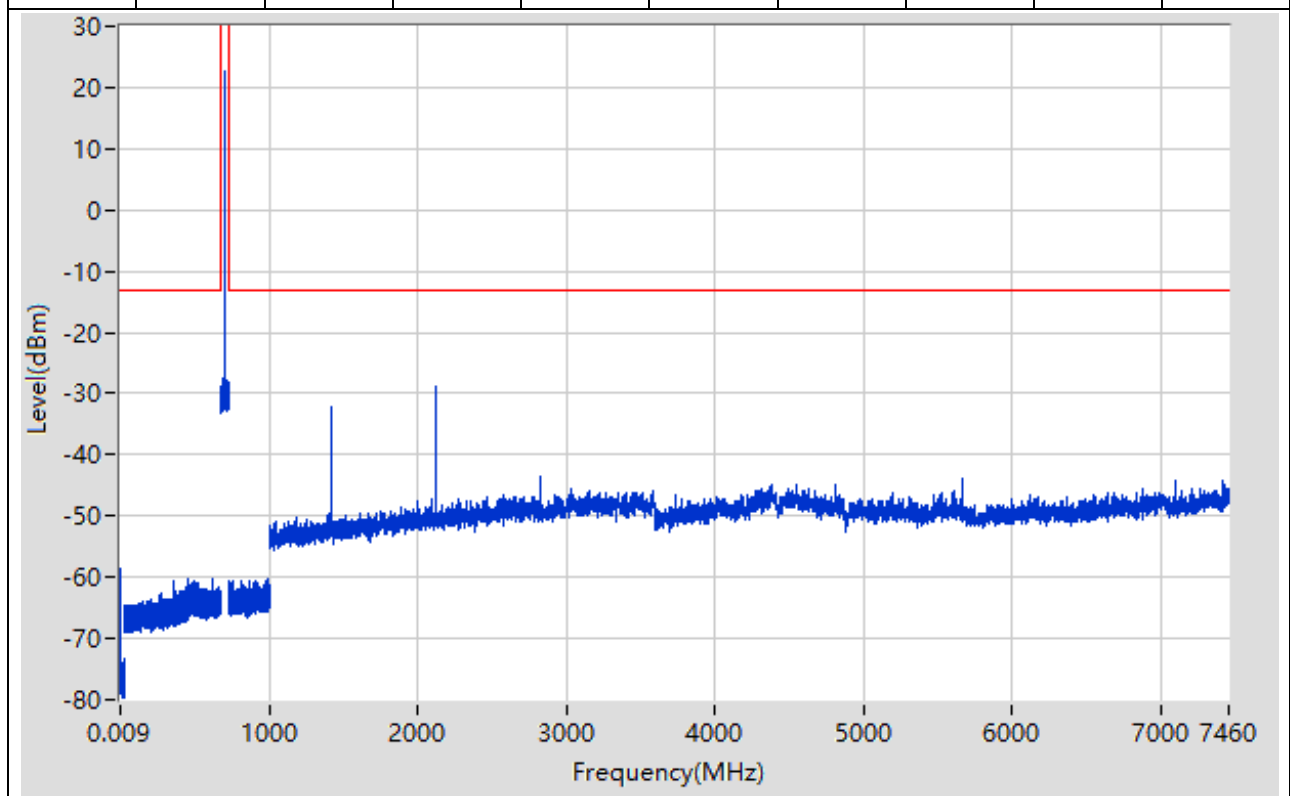
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-59.99	-13	46.99	Pass	401
0.15	30	0.01	RMS	0.16	-58.11	-13	45.11	Pass	2986
30	679	0.1	RMS	496.7	-60.54	-13	47.54	Pass	6491
679	736	0.1	RMS	703.2	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

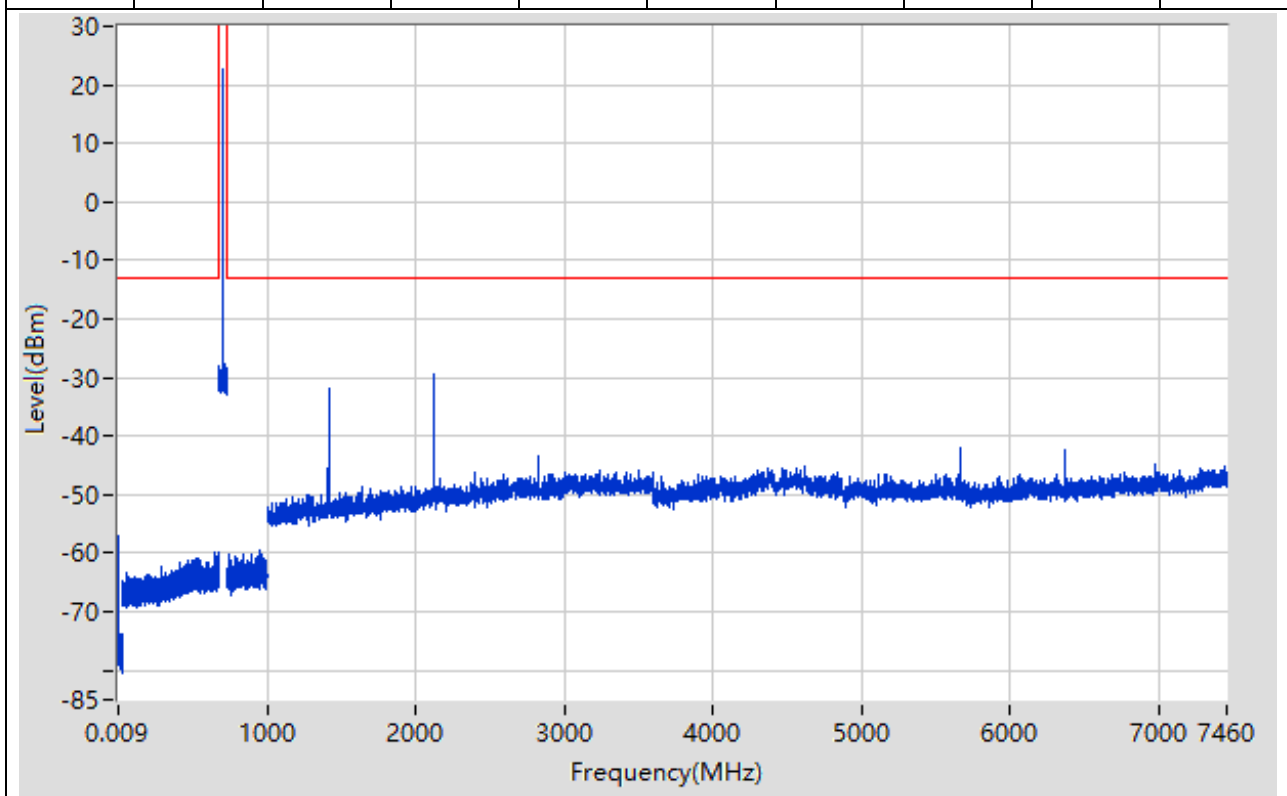




#### 4.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

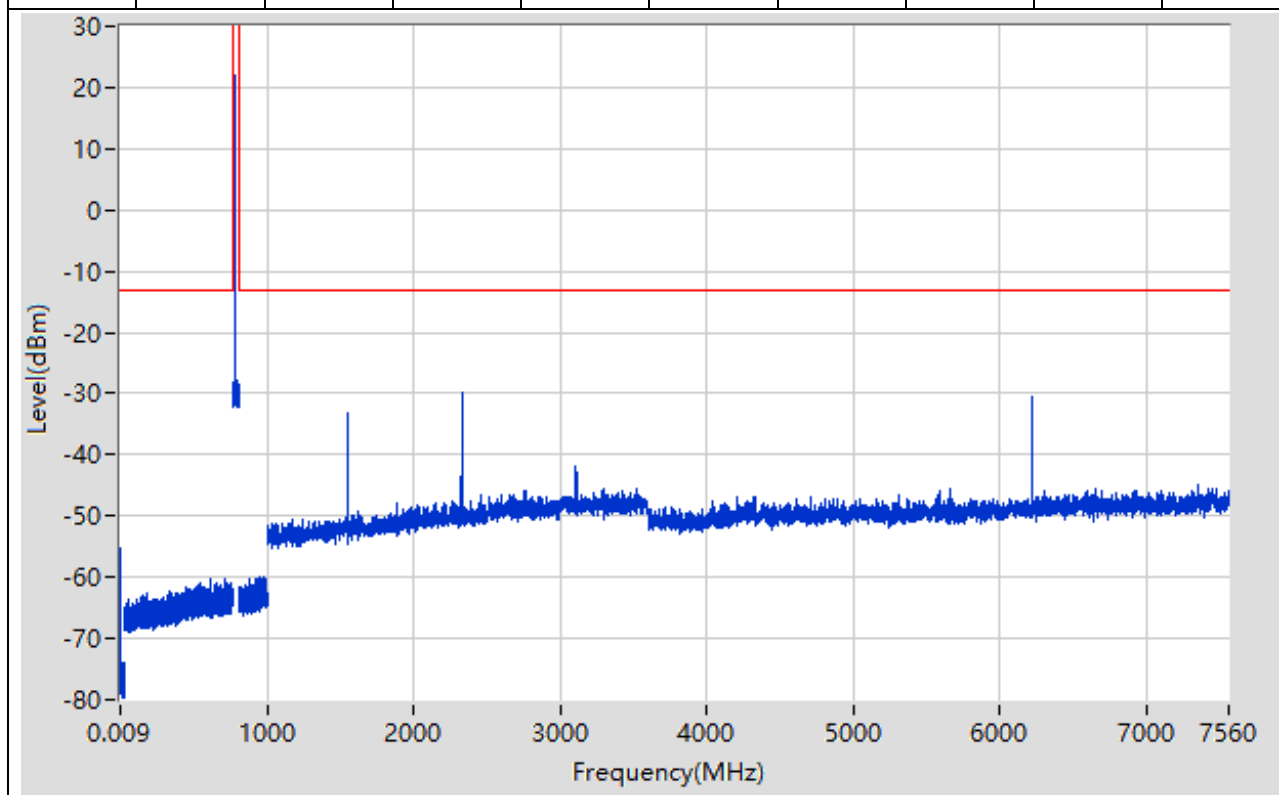
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.19	-13	47.19	Pass	401
0.15	30	0.01	RMS	0.15	-57.03	-13	44.03	Pass	2986
30	679	0.1	RMS	652.6	-59.85	-13	46.85	Pass	6491
679	736	0.1	RMS	707.7	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

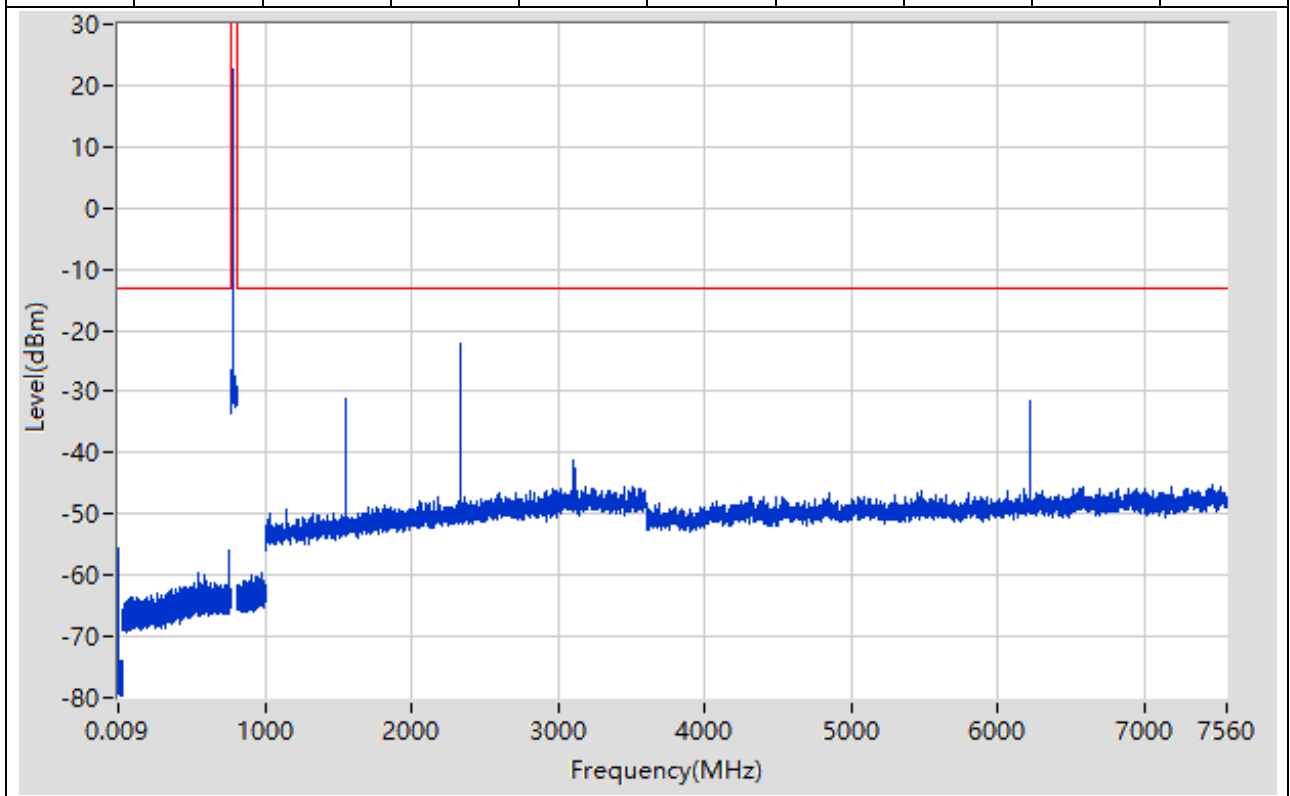
### 5.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



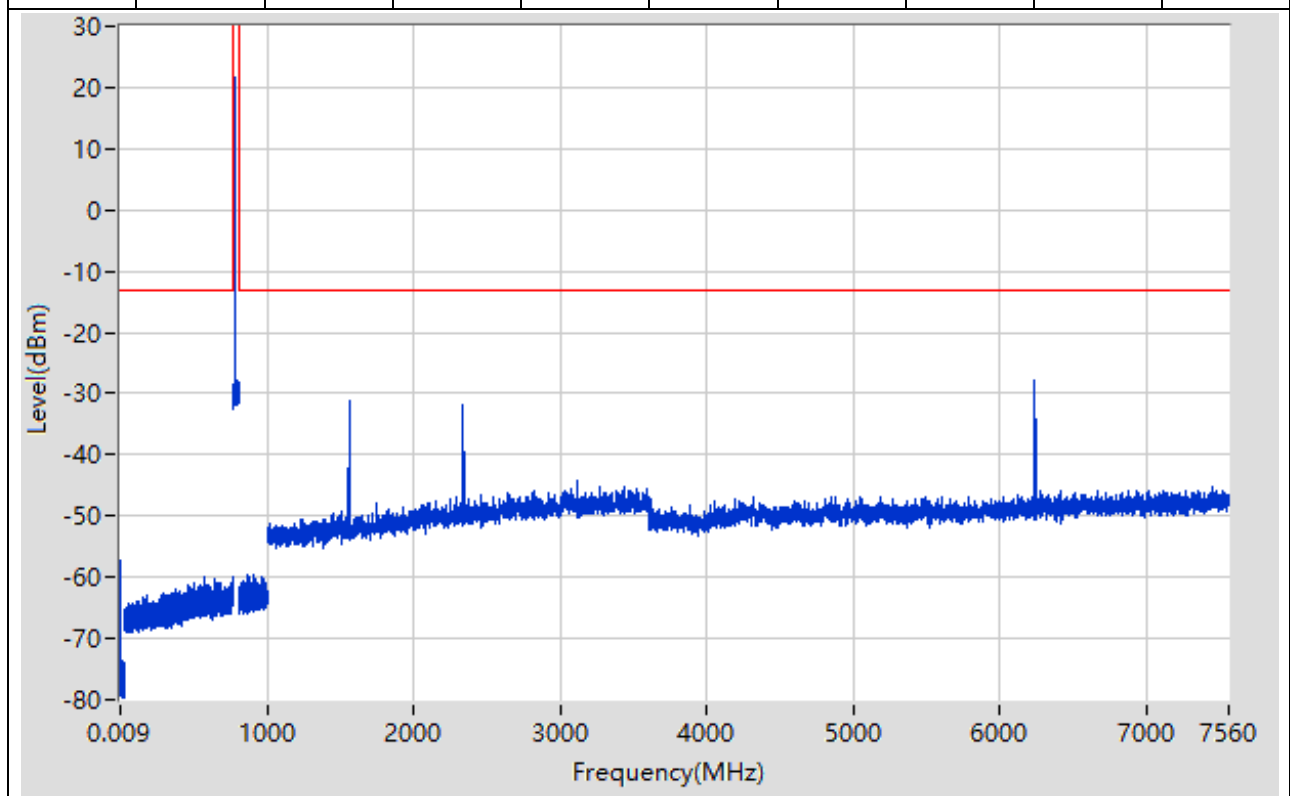
**5.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



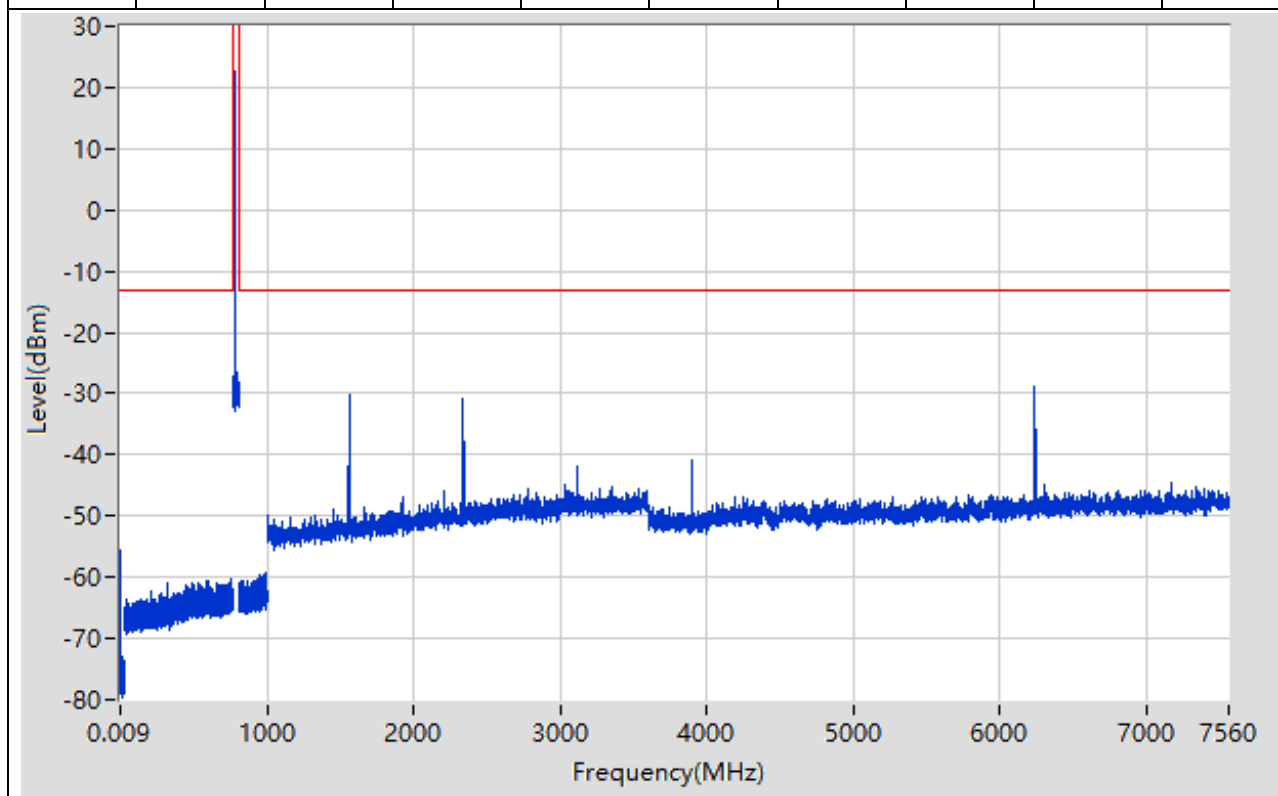
**5.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



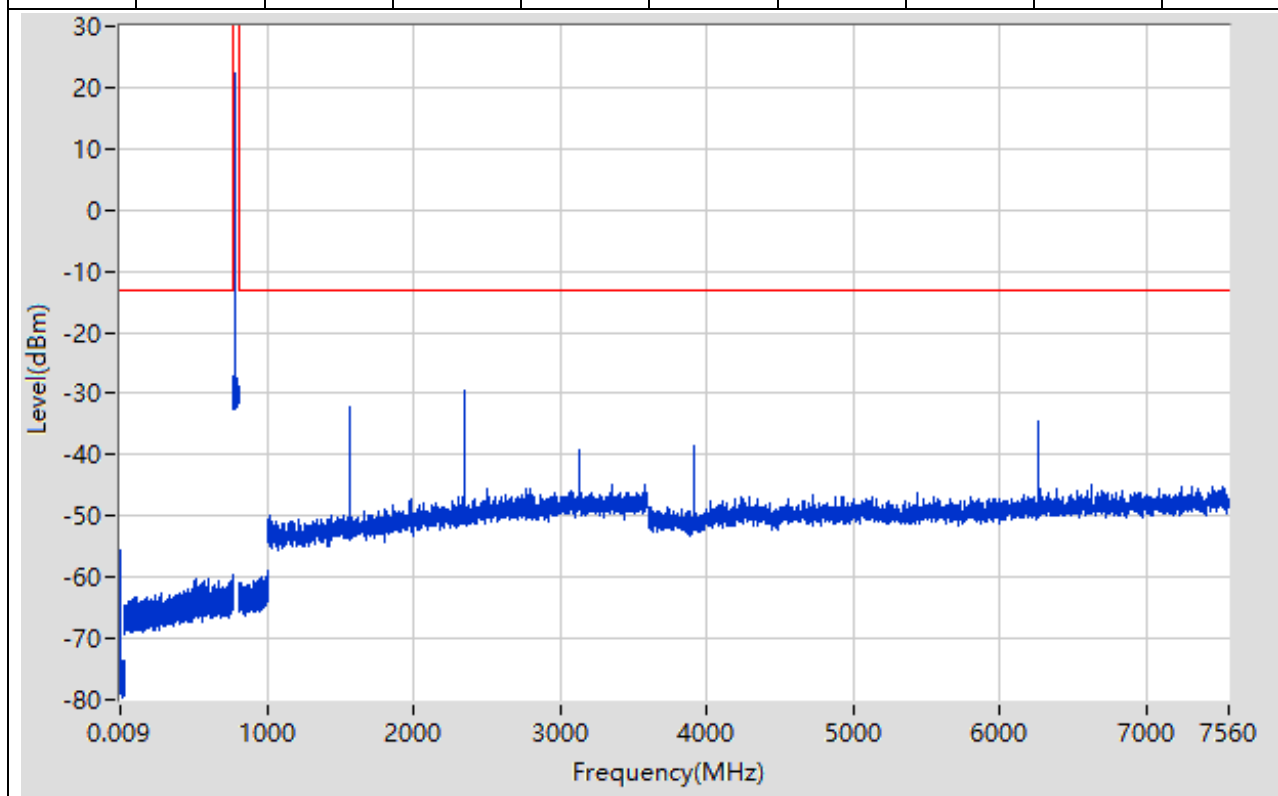
**5.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



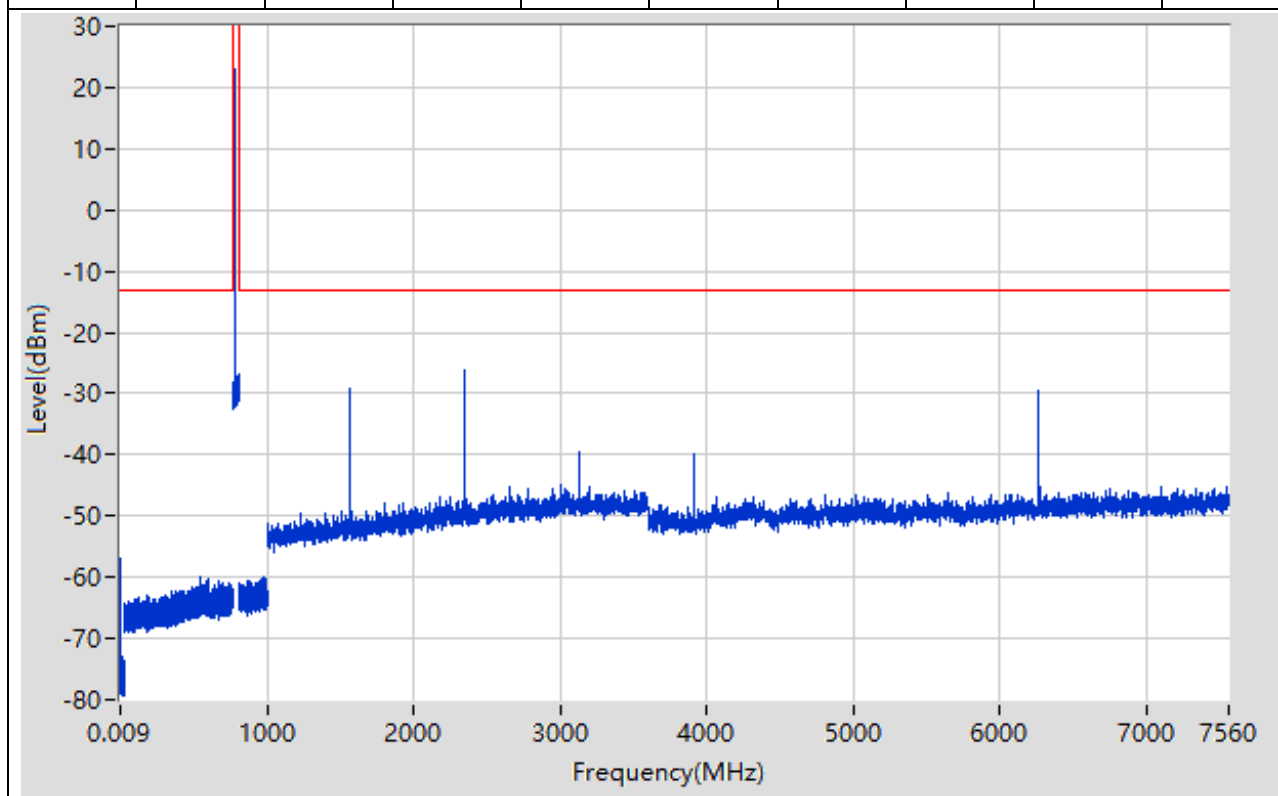
**5.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23255, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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



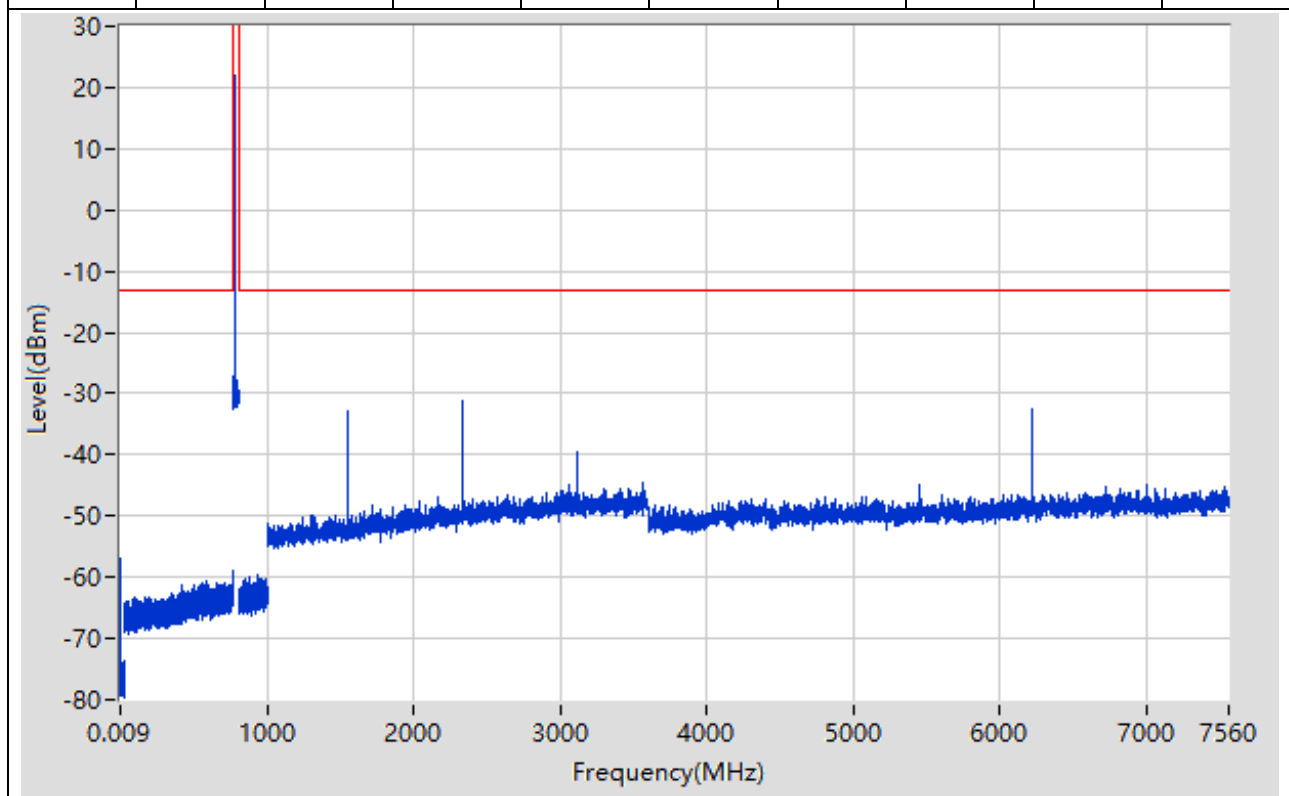
**5.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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)**

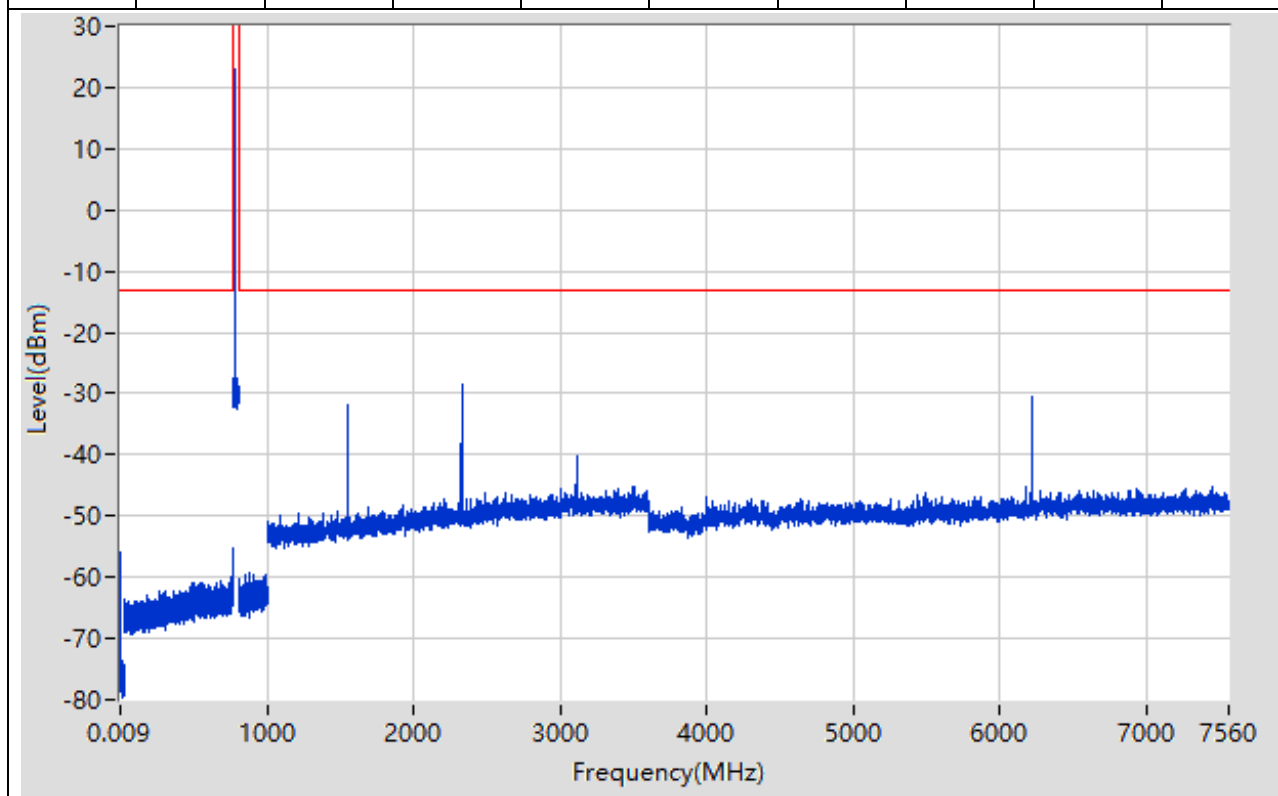
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.19	-13	44.19	Pass	401
0.15	30	0.01	RMS	0.15	-57.03	-13	44.03	Pass	2986
30	763	0.1	RMS	762.8	-58.79	-13	45.79	Pass	7331
763	805	0.1	RMS	777.8	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





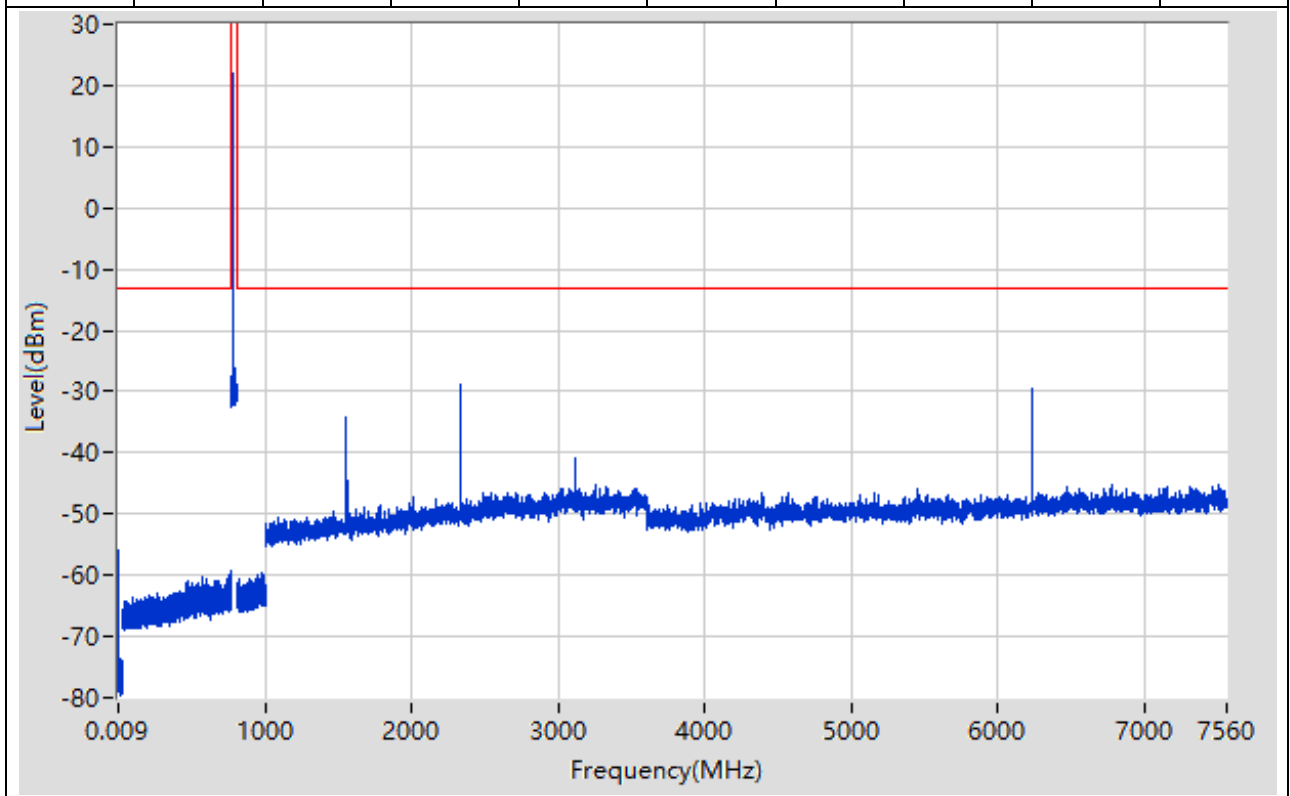
**5.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

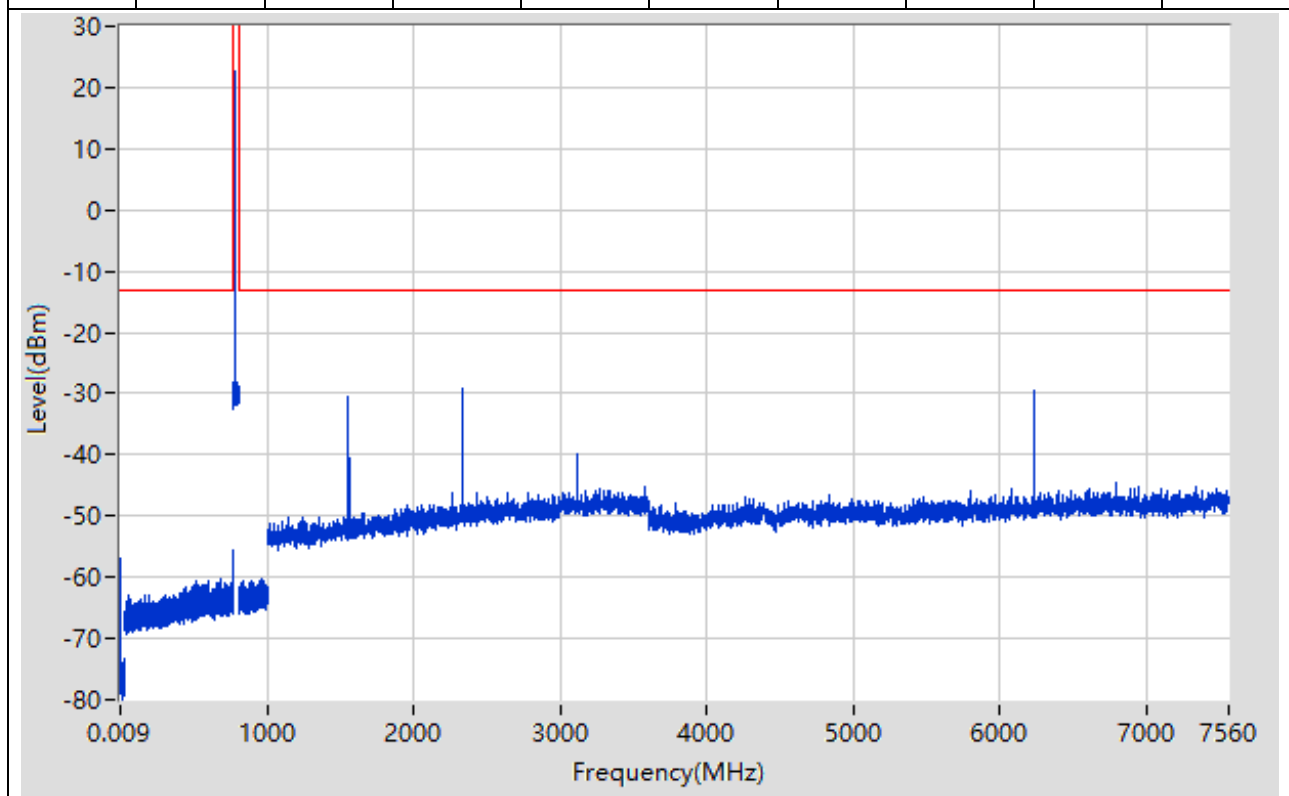
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.72	-13	43.72	Pass	401
0.15	30	0.01	RMS	0.15	-55.97	-13	42.97	Pass	2986
30	763	0.1	RMS	762.5	-59.37	-13	46.37	Pass	7331
763	805	0.1	RMS	778.6	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)

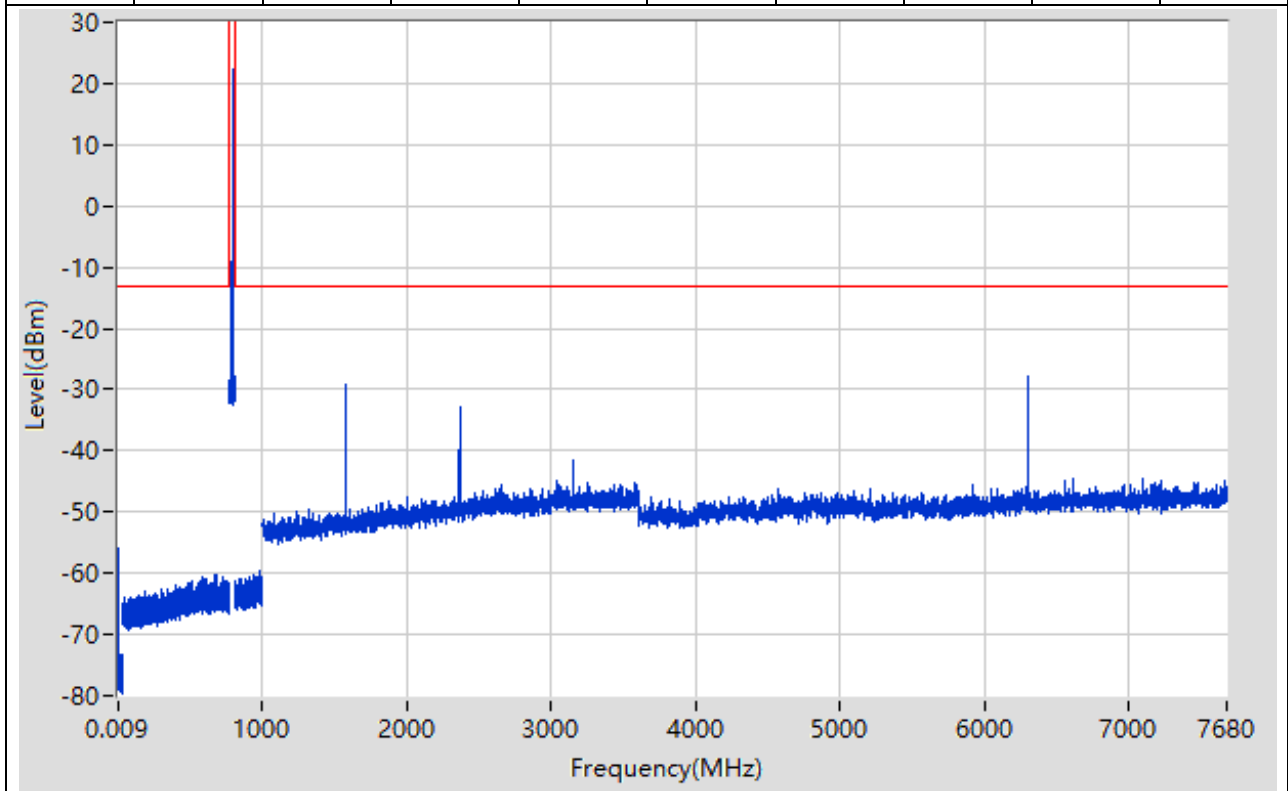
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.01	-13	44.01	Pass	401
0.15	30	0.01	RMS	0.15	-57.66	-13	44.66	Pass	2986
30	763	0.1	RMS	762.1	-55.65	-13	42.65	Pass	7331
763	805	0.1	RMS	778.6	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

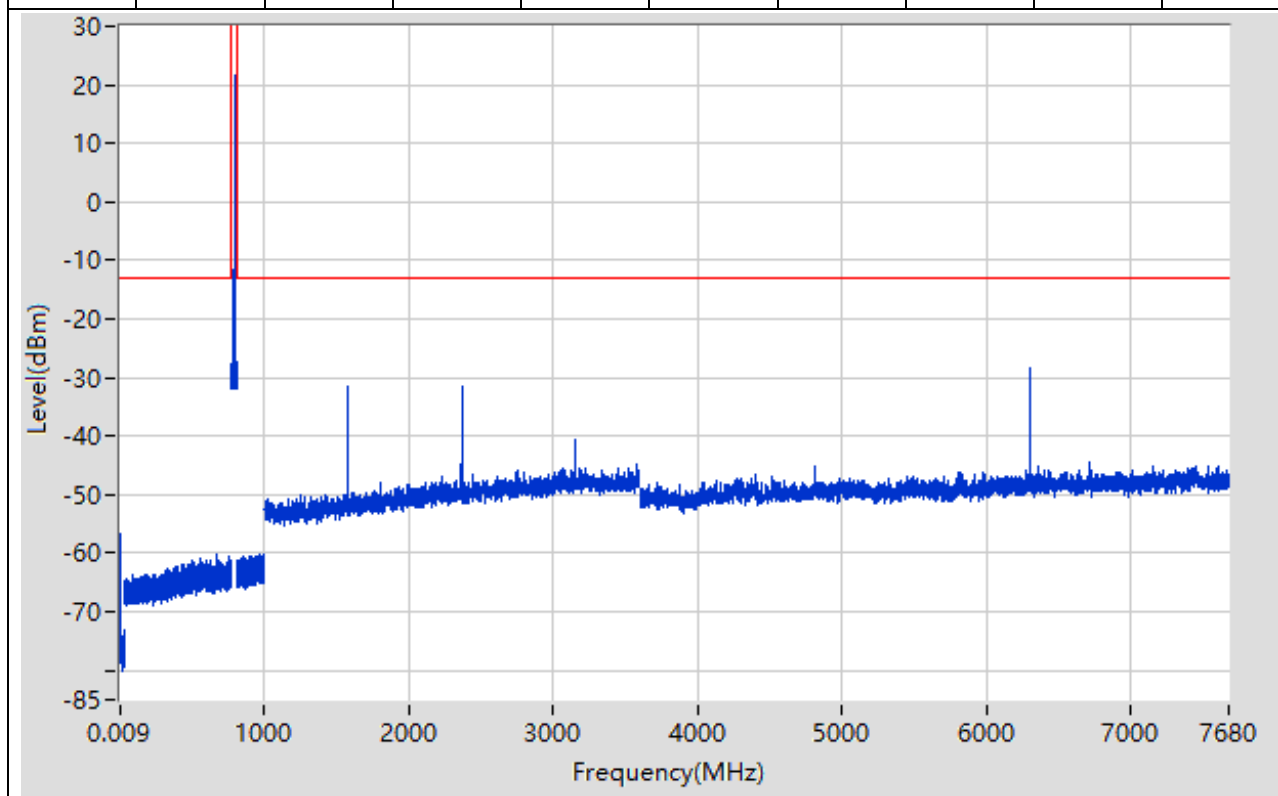
### 6.1. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:1, Channel:23305, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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



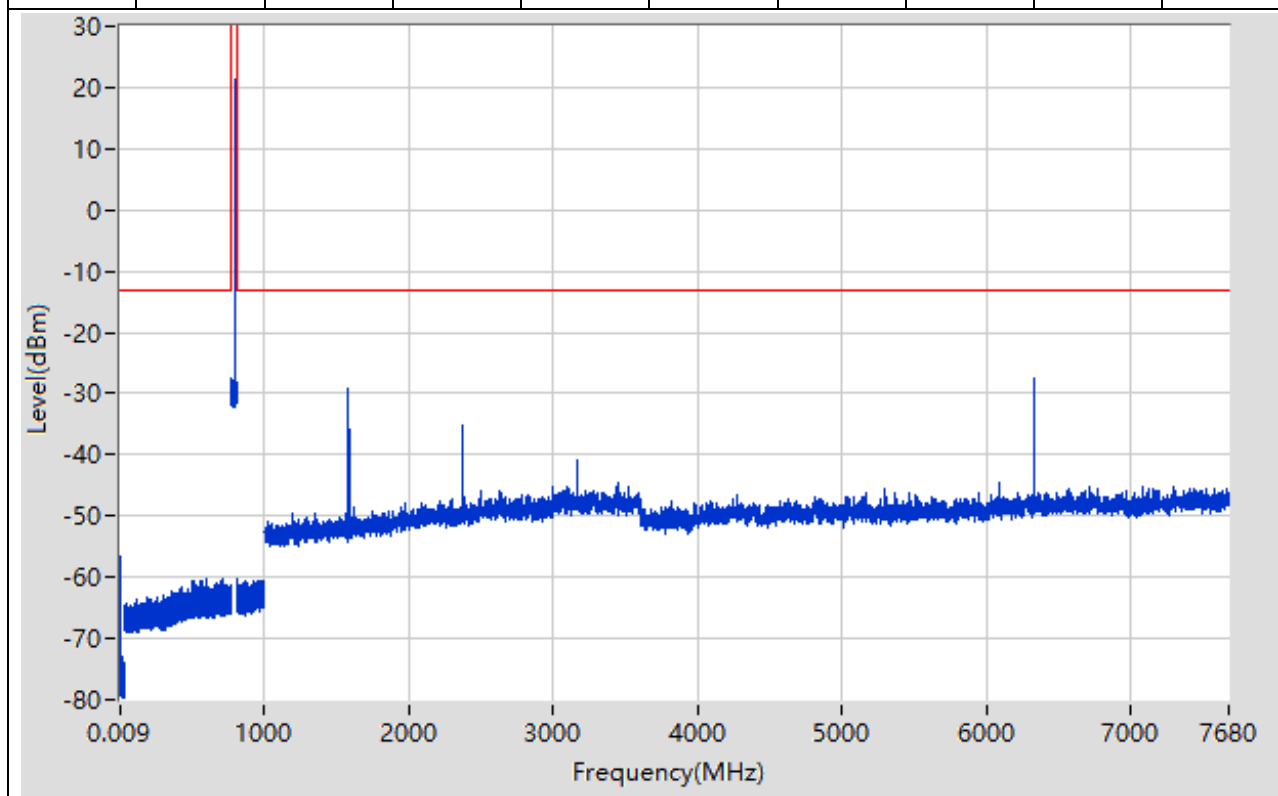
**6.2. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:2, Channel:23305, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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



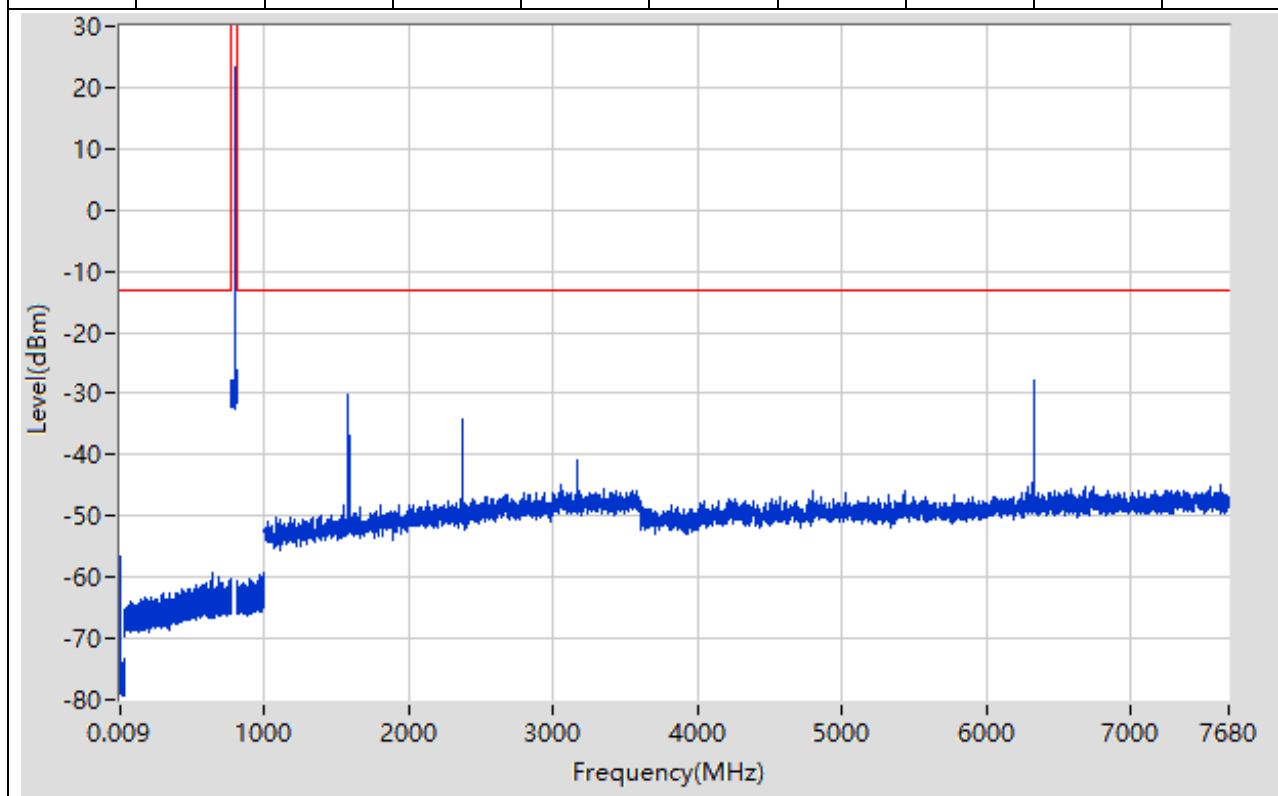
**6.3. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:3, Channel:23330, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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



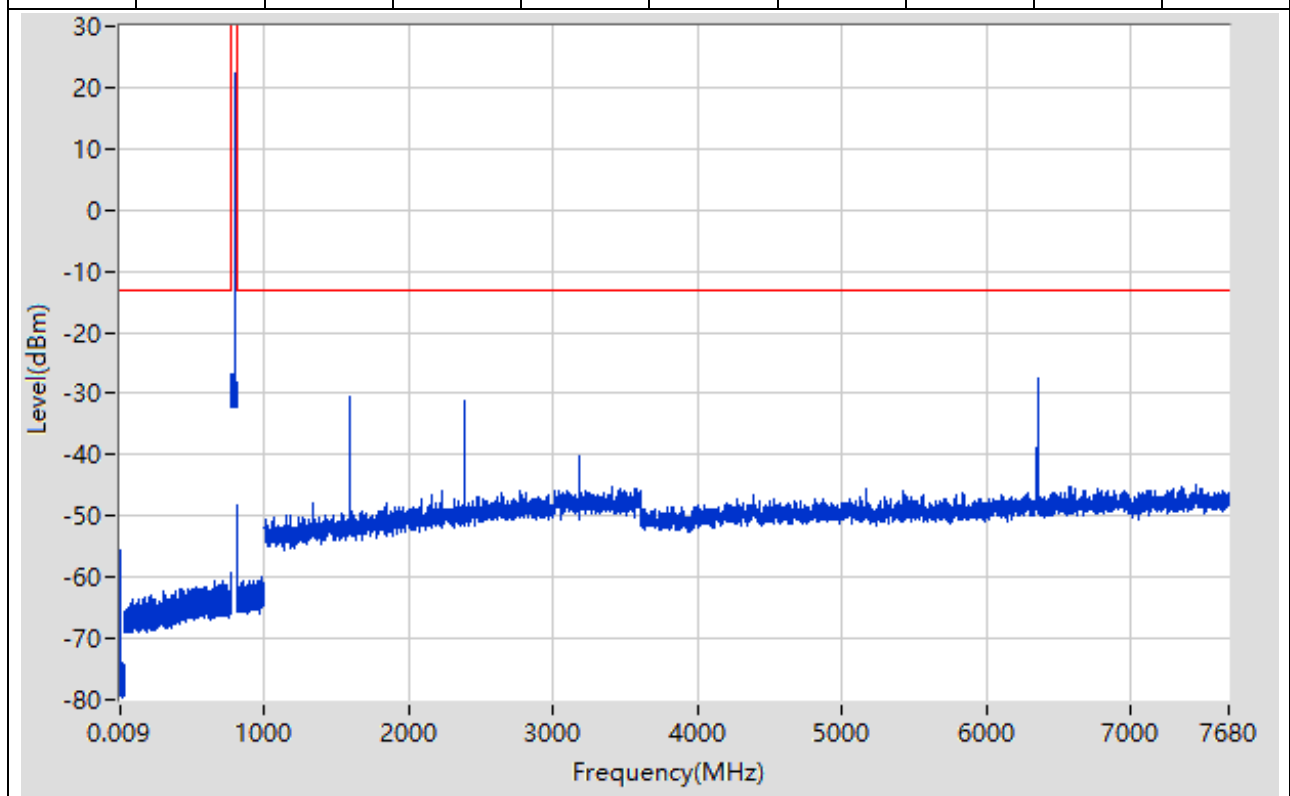
**6.4. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:4, Channel:23330, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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)**

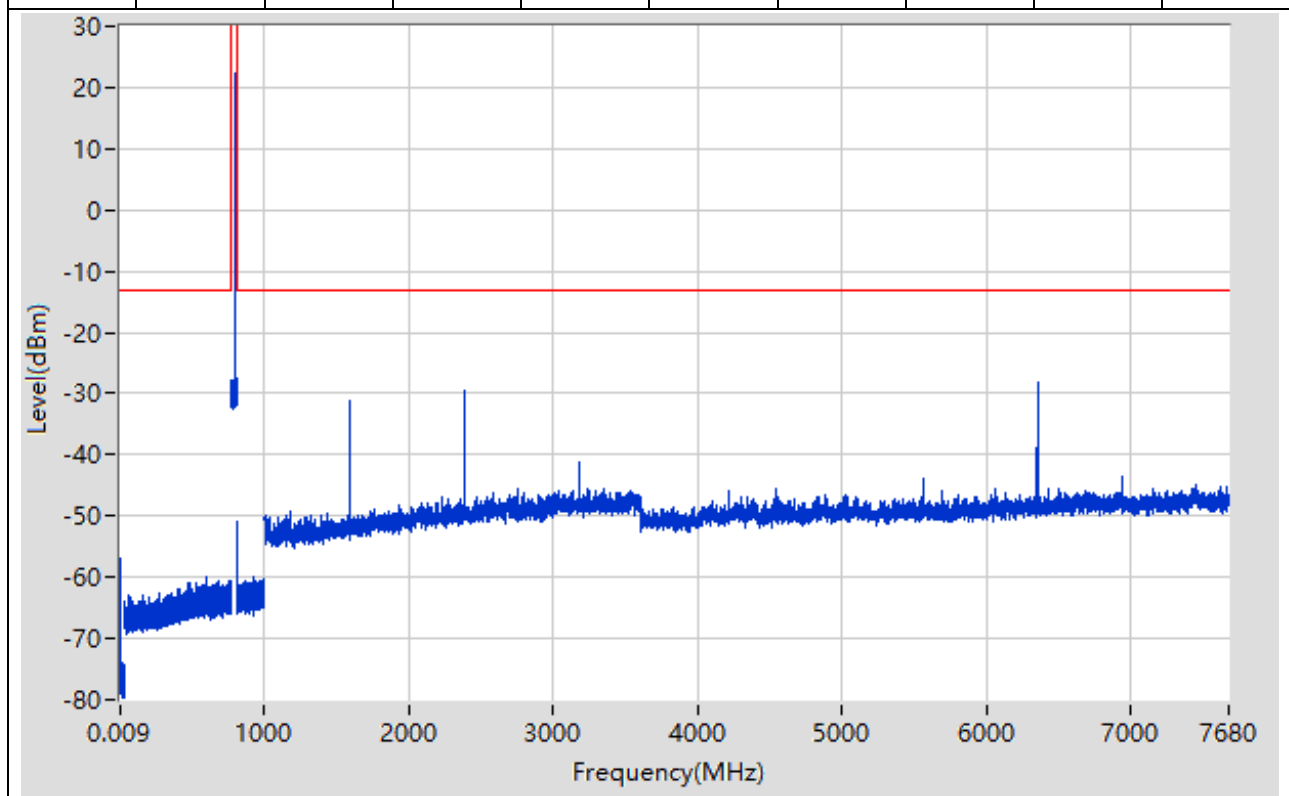
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.66	-13	42.66	Pass	401
0.15	30	0.01	RMS	0.15	-55.65	-13	42.65	Pass	2986
30	769	0.1	RMS	759.9	-59.27	-13	46.27	Pass	7391
769	805	0.1	RMS	794.2	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





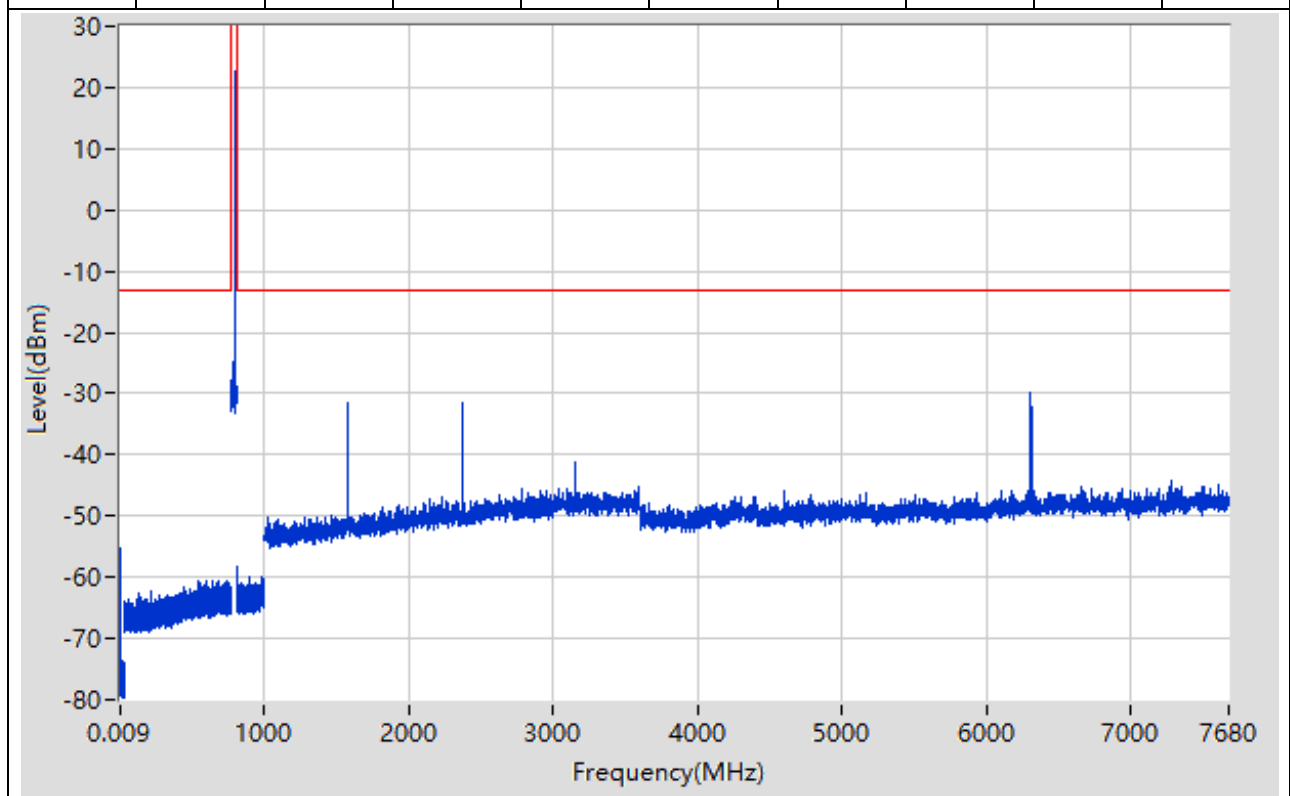
**6.6. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:6, Channel:23355, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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	-57.05	-13	44.05	Pass	401
0.15	30	0.01	RMS	0.16	-57.28	-13	44.28	Pass	2986
30	769	0.1	RMS	602.4	-60.03	-13	47.03	Pass	7391
769	805	0.1	RMS	794.29	22.21	60	37.79	Pass	401
805	1000	0.1	RMS	805.9	-50.84	-13	37.84	Pass	1951
1000	3000	1	RMS	2383	-29.46	-13	16.46	Pass	2001
3000	7680	1	RMS	6354	-28.21	-13	15.21	Pass	4681



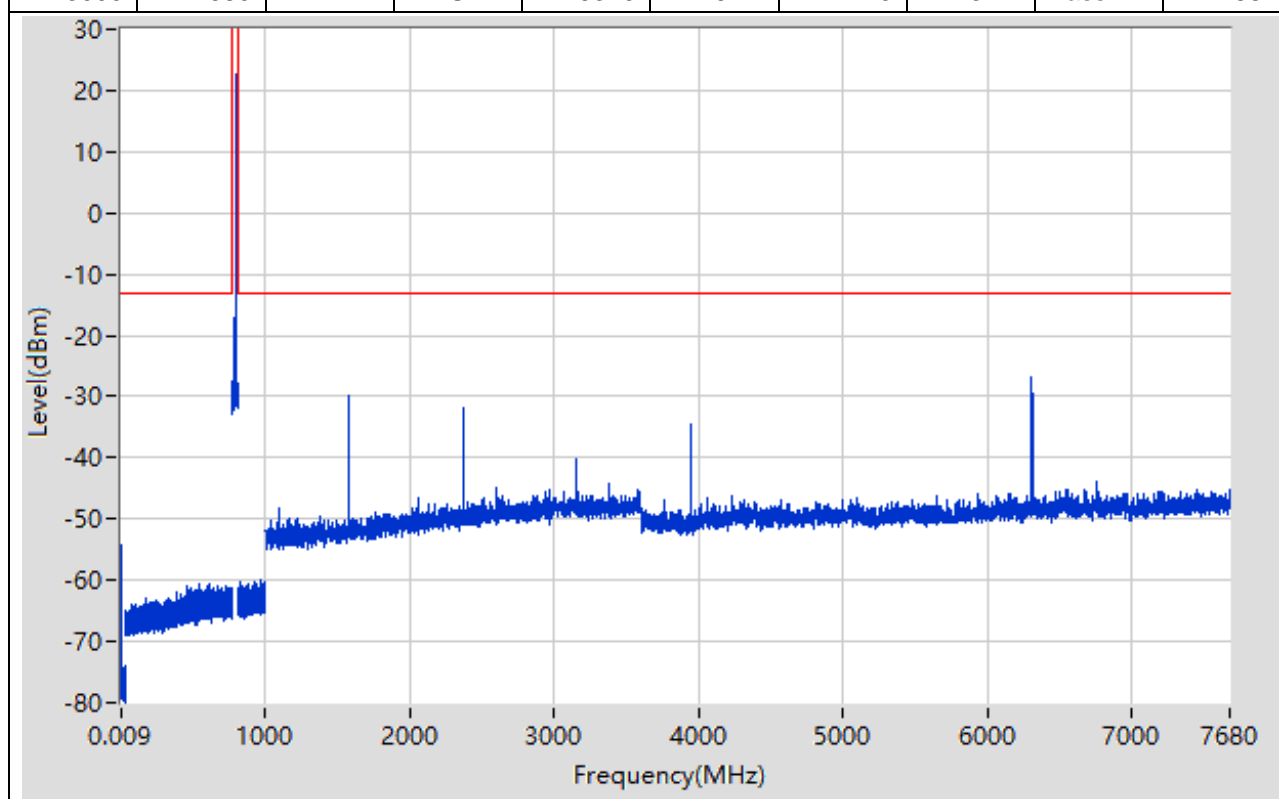
**6.7. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:7, Channel:23330, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-56.06	-13	43.06	Pass	401
0.15	30	0.01	RMS	0.15	-55.32	-13	42.32	Pass	2986
30	769	0.1	RMS	590.5	-60.53	-13	47.53	Pass	7391
769	805	0.1	RMS	788.71	22.56	60	37.44	Pass	401
805	1000	0.1	RMS	805.2	-58.24	-13	45.24	Pass	1951
1000	3000	1	RMS	2366	-31.36	-13	18.36	Pass	2001
3000	7680	1	RMS	6310	-29.88	-13	16.88	Pass	4681



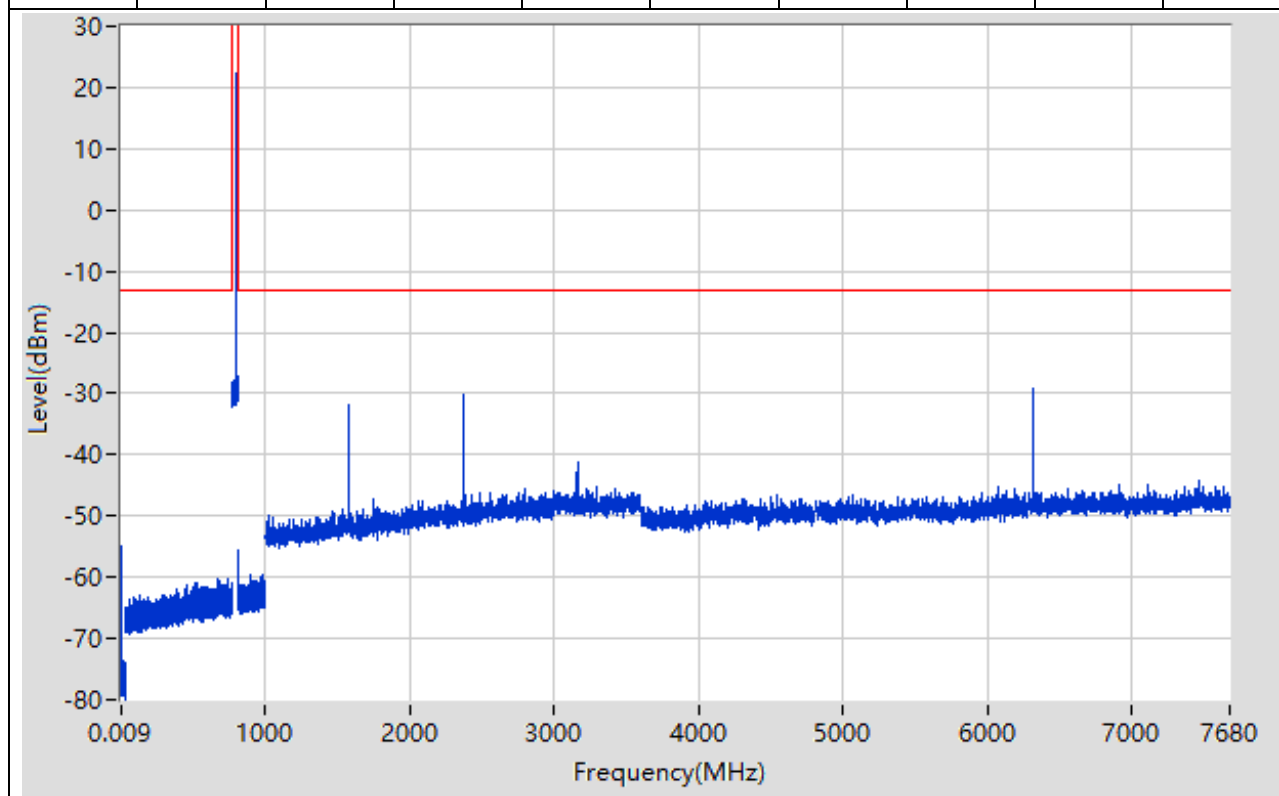
**6.8. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:8, Channel:23330, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	0.012	-56.68	-13	43.68	Pass	401
0.15	30	0.01	RMS	0.16	-54.32	-13	41.32	Pass	2986
30	769	0.1	RMS	543.5	-60.69	-13	47.69	Pass	7391
769	805	0.1	RMS	788.71	22.67	60	37.33	Pass	401
805	1000	0.1	RMS	968.1	-60.04	-13	47.04	Pass	1951
1000	3000	1	RMS	1578	-29.7	-13	16.7	Pass	2001
3000	7680	1	RMS	6310	-26.74	-13	13.74	Pass	4681



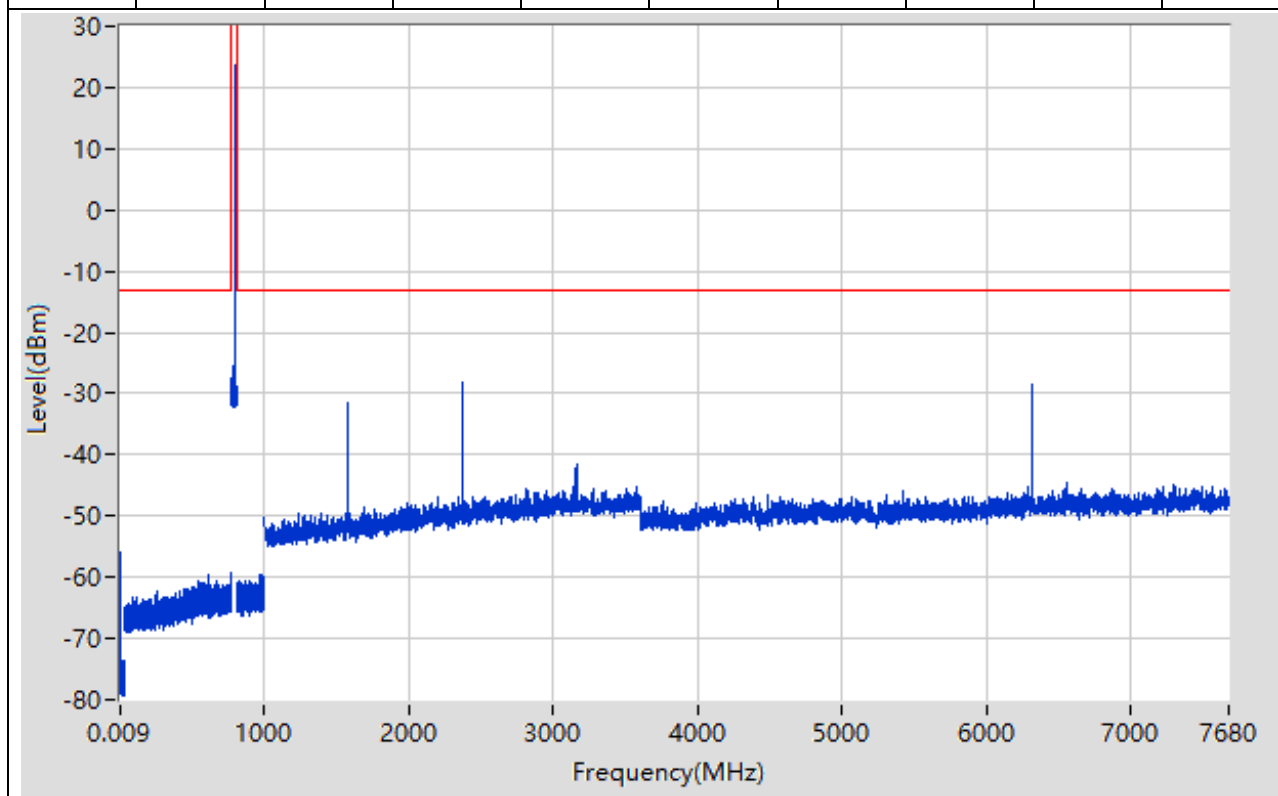
**6.9. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:9, Channel:23330, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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	-56.93	-13	43.93	Pass	401
0.15	30	0.01	RMS	0.15	-54.82	-13	41.82	Pass	2986
30	769	0.1	RMS	670.1	-60.23	-13	47.23	Pass	7391
769	805	0.1	RMS	789.7	22.47	60	37.53	Pass	401
805	1000	0.1	RMS	805.7	-55.74	-13	42.74	Pass	1951
1000	3000	1	RMS	2369	-30.19	-13	17.19	Pass	2001
3000	7680	1	RMS	6317	-29.32	-13	16.32	Pass	4681



**6.10. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:10, Channel:23330, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

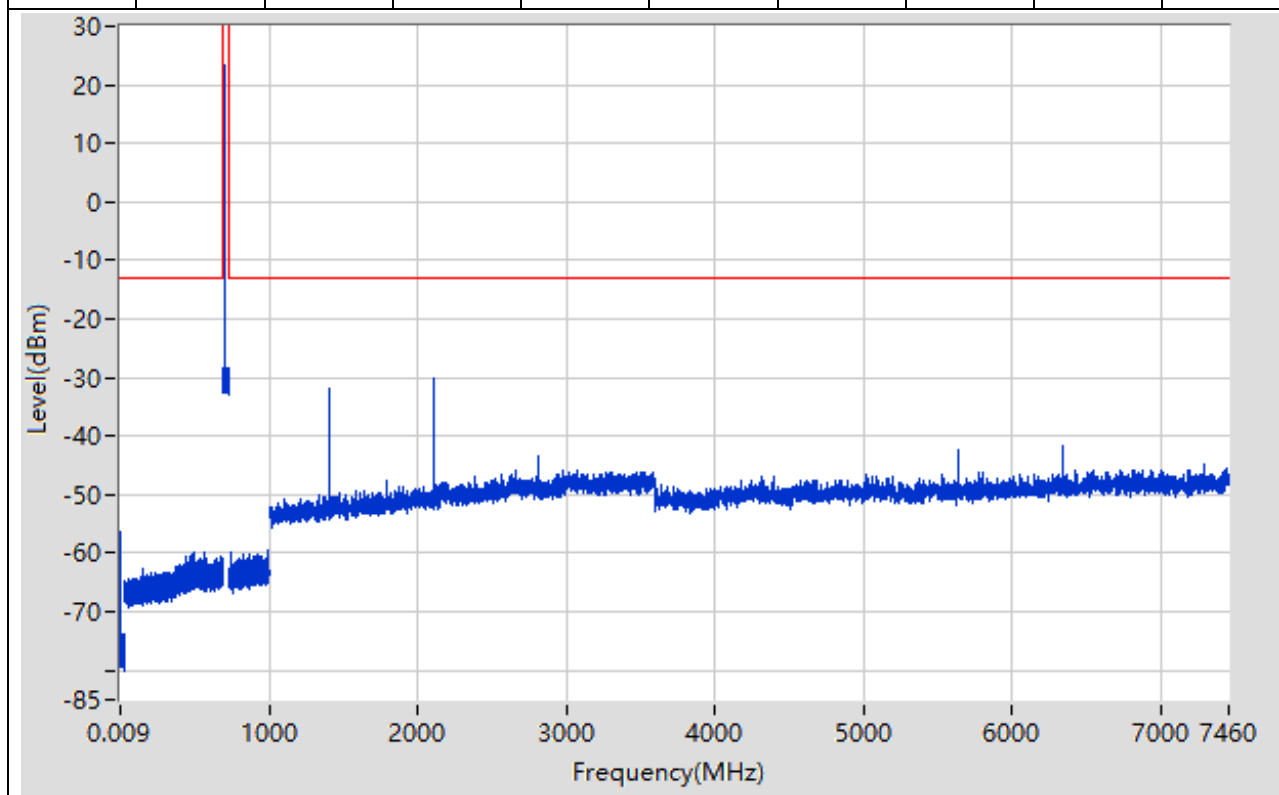
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-57.52	-13	44.52	Pass	401
0.15	30	0.01	RMS	0.15	-56.09	-13	43.09	Pass	2986
30	769	0.1	RMS	767.6	-59.19	-13	46.19	Pass	7391
769	805	0.1	RMS	789.61	23.81	60	36.19	Pass	401
805	1000	0.1	RMS	966.3	-59.73	-13	46.73	Pass	1951
1000	3000	1	RMS	2369	-28.18	-13	15.18	Pass	2001
3000	7680	1	RMS	6317	-28.5	-13	15.5	Pass	4681



## 7. Cat-M\_Band17

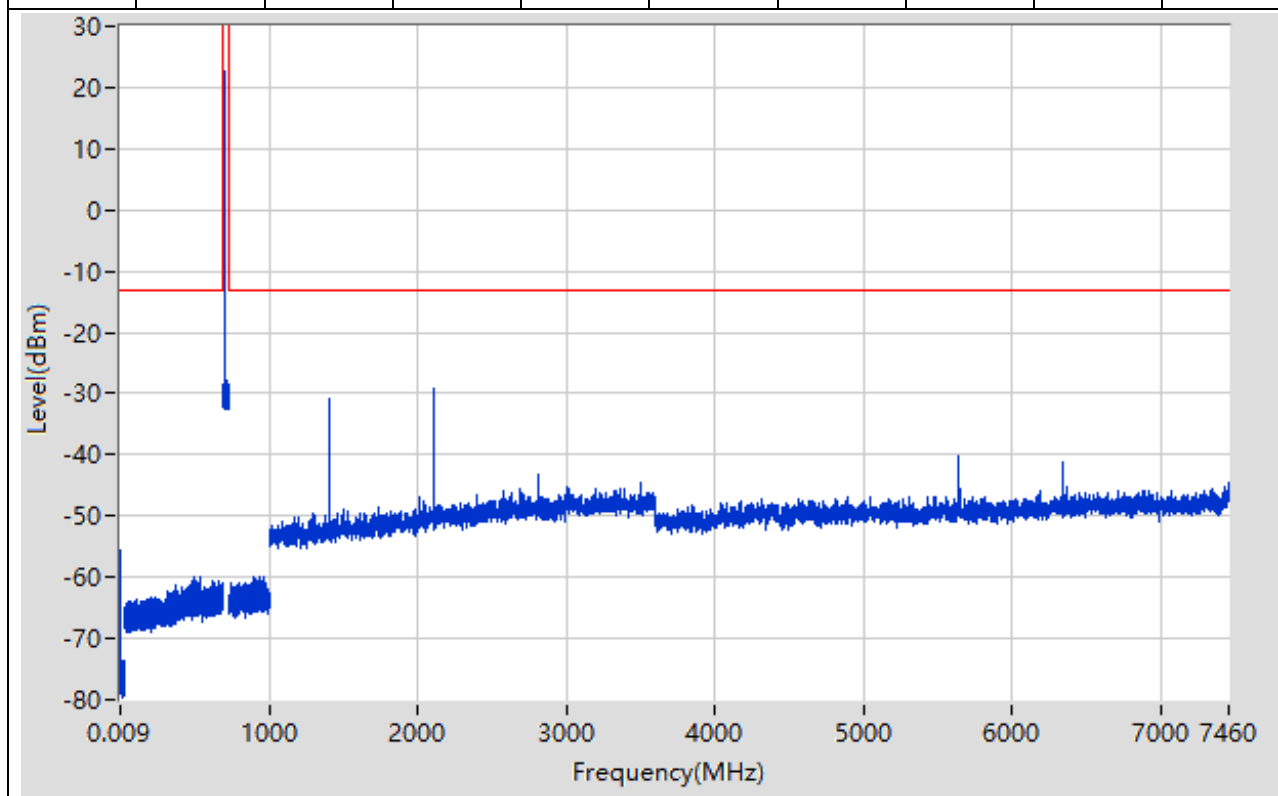
7.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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	-57.07	-13	44.07	Pass	401
0.15	30	0.01	RMS	0.15	-56.22	-13	43.22	Pass	2986
30	684	0.1	RMS	571.5	-59.83	-13	46.83	Pass	6541
684	736	0.1	RMS	704.3	23.21	60	36.79	Pass	521
736	1000	0.1	RMS	991.7	-59.54	-13	46.54	Pass	2641
1000	3000	1	RMS	2113	-30.12	-13	17.12	Pass	2001
3000	7460	1	RMS	6339	-41.56	-13	28.56	Pass	4461



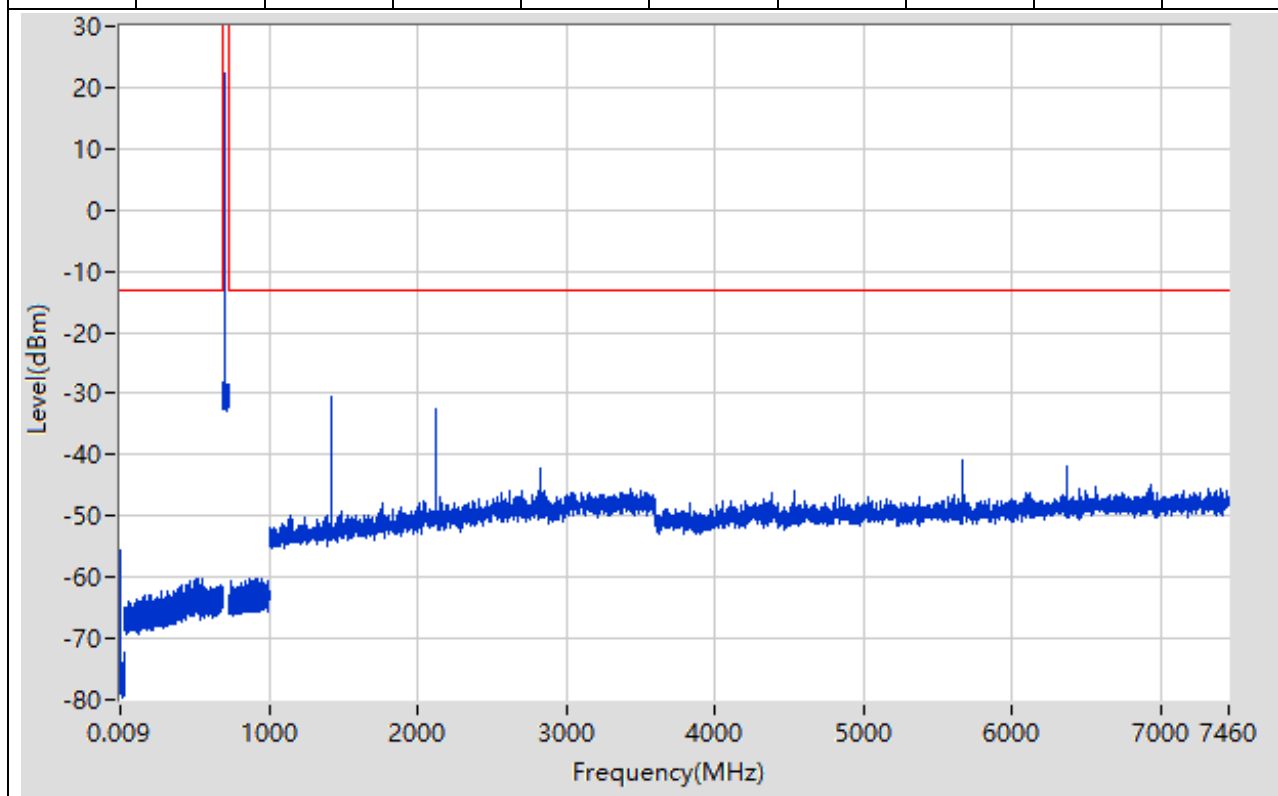
**7.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.65	-13	44.65	Pass	401
0.15	30	0.01	RMS	0.15	-55.75	-13	42.75	Pass	2986
30	684	0.1	RMS	541.8	-59.83	-13	46.83	Pass	6541
684	736	0.1	RMS	704.3	22.59	60	37.41	Pass	521
736	1000	0.1	RMS	933.5	-59.85	-13	46.85	Pass	2641
1000	3000	1	RMS	2113	-29.21	-13	16.21	Pass	2001
3000	7460	1	RMS	5635	-40.09	-13	27.09	Pass	4461



**7.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

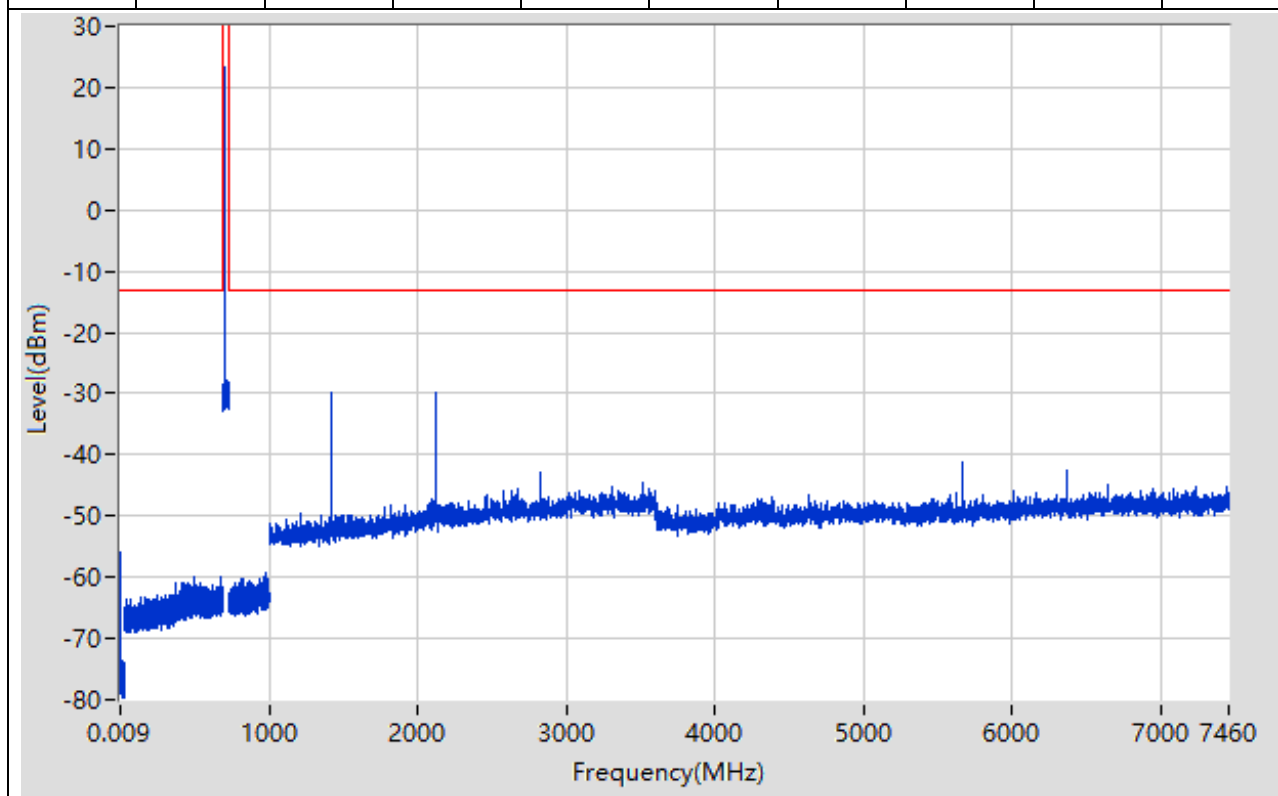
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.63	-13	42.63	Pass	401
0.15	30	0.01	RMS	0.15	-57.62	-13	44.62	Pass	2986
30	684	0.1	RMS	554.9	-60.14	-13	47.14	Pass	6541
684	736	0.1	RMS	707.8	22.47	60	37.53	Pass	521
736	1000	0.1	RMS	873.6	-60.13	-13	47.13	Pass	2641
1000	3000	1	RMS	1416	-30.61	-13	17.61	Pass	2001
3000	7460	1	RMS	5663	-40.86	-13	27.86	Pass	4461





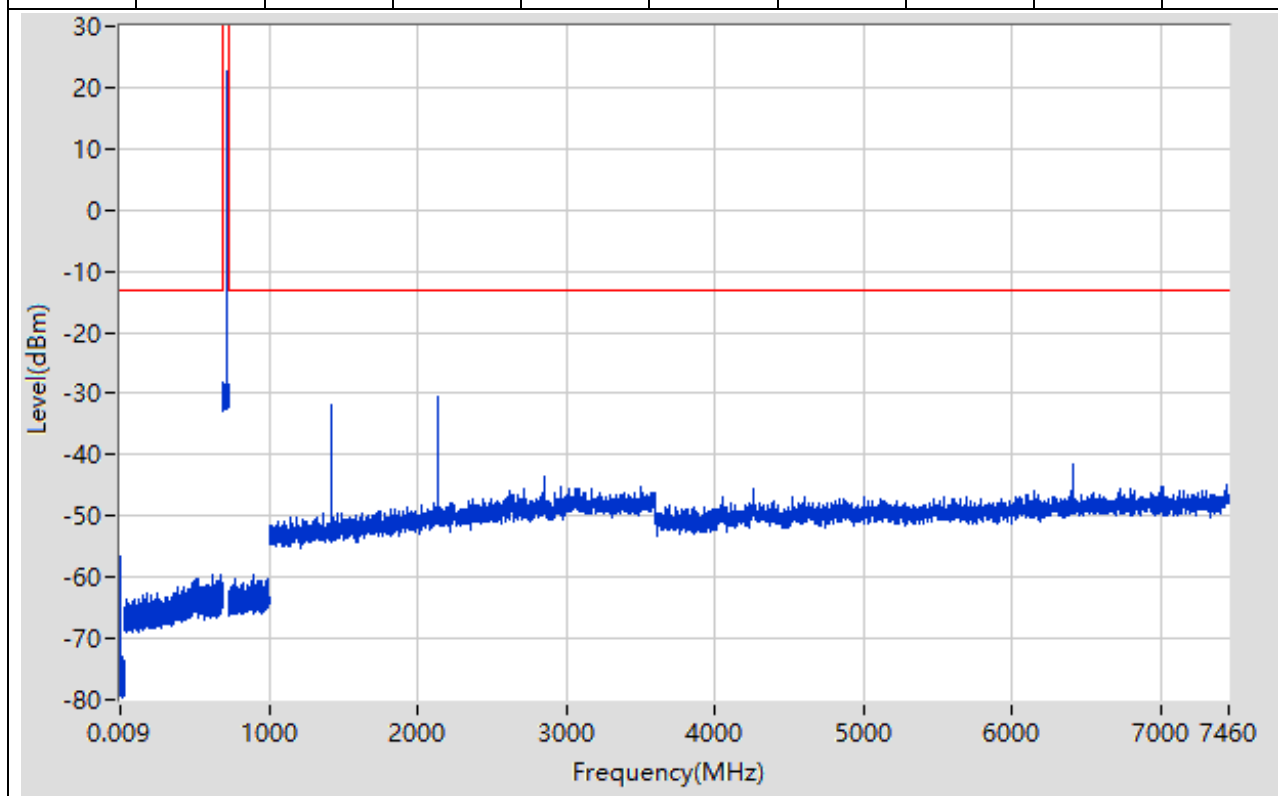
**7.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23790, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	0.014	-55.85	-13	42.85	Pass	401
0.15	30	0.01	RMS	0.15	-57.88	-13	44.88	Pass	2986
30	684	0.1	RMS	682.3	-59.8	-13	46.8	Pass	6541
684	736	0.1	RMS	707.8	23.24	60	36.76	Pass	521
736	1000	0.1	RMS	976.7	-59.41	-13	46.41	Pass	2641
1000	3000	1	RMS	1416	-29.8	-13	16.8	Pass	2001
3000	7460	1	RMS	5663	-41.18	-13	28.18	Pass	4461



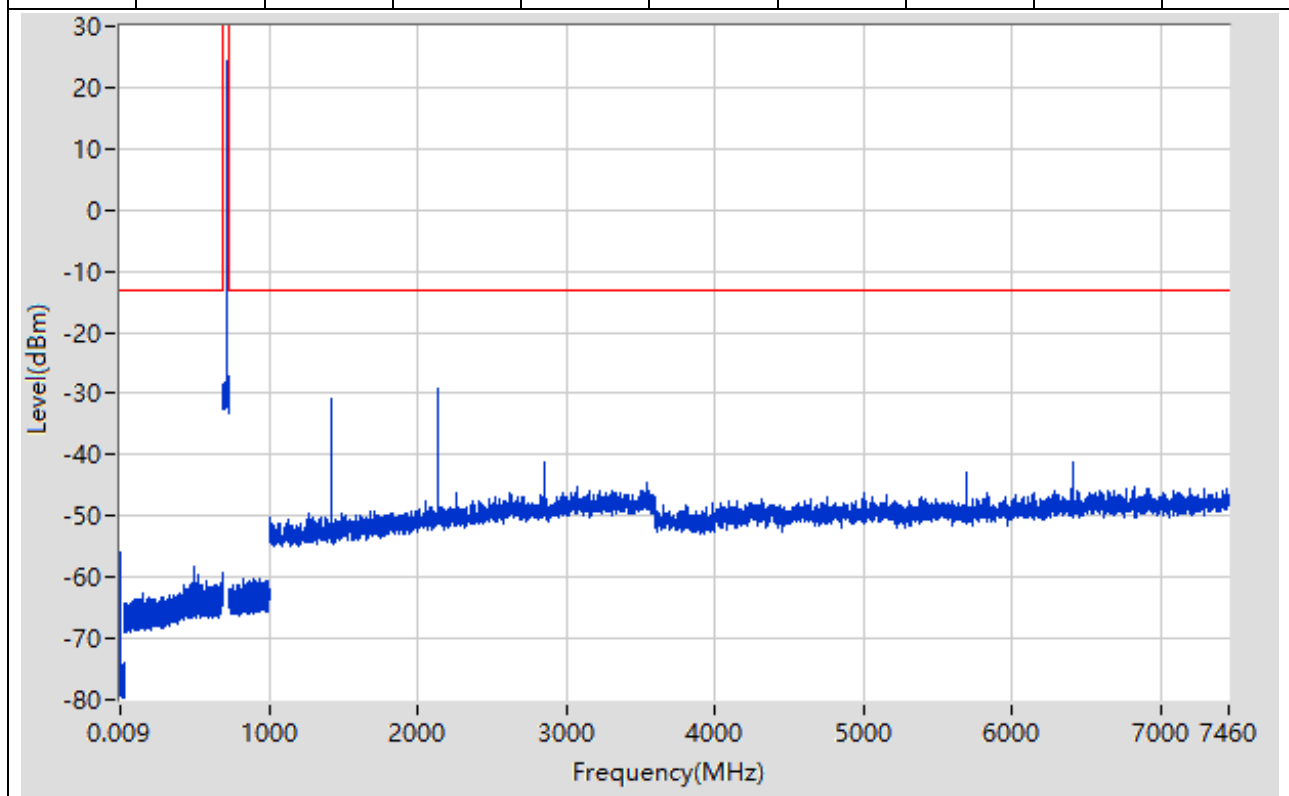
**7.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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	0.011	-56.79	-13	43.79	Pass	401
0.15	30	0.01	RMS	0.16	-56.56	-13	43.56	Pass	2986
30	684	0.1	RMS	620.5	-59.59	-13	46.59	Pass	6541
684	736	0.1	RMS	712.2	22.8	60	37.2	Pass	521
736	1000	0.1	RMS	897.3	-59.73	-13	46.73	Pass	2641
1000	3000	1	RMS	2137	-30.47	-13	17.47	Pass	2001
3000	7460	1	RMS	6410	-41.66	-13	28.66	Pass	4461



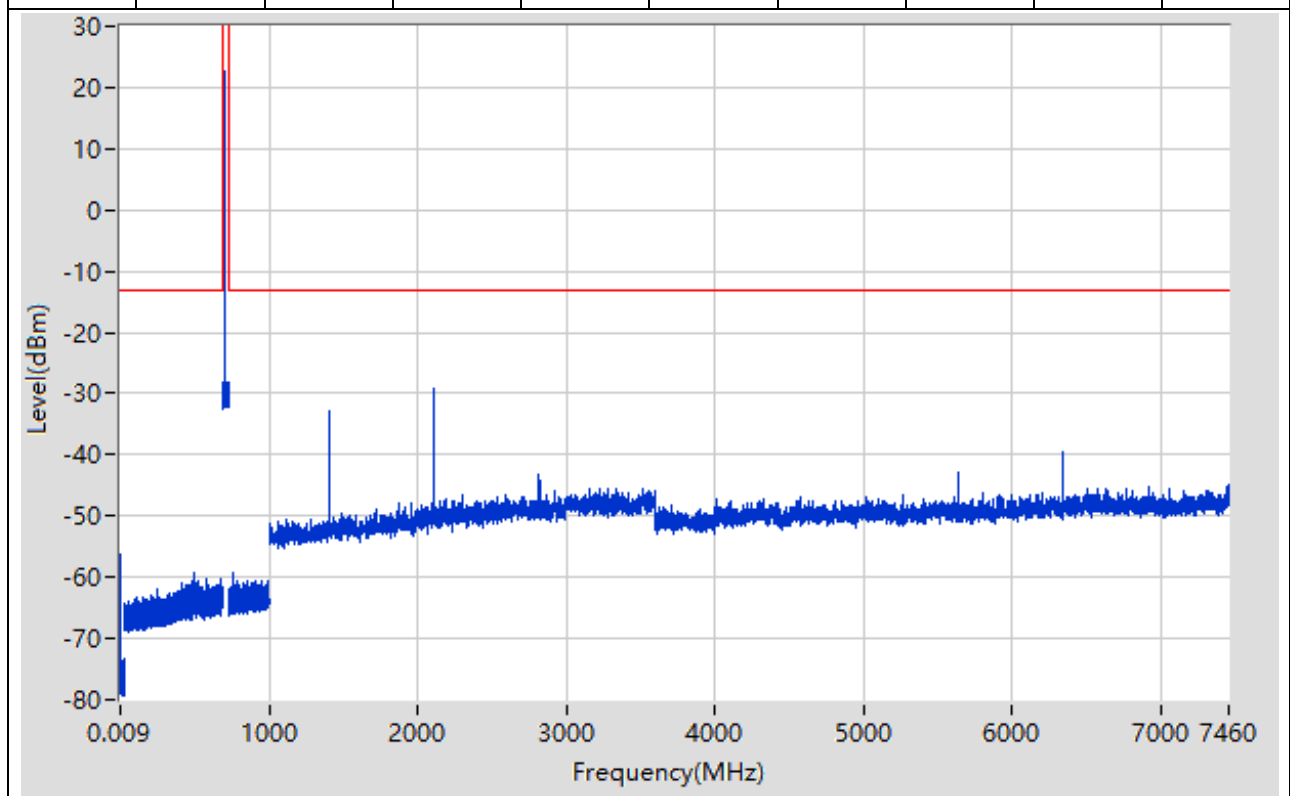
**7.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23825, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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	-56.04	-13	43.04	Pass	401
0.15	30	0.01	RMS	0.16	-56.71	-13	43.71	Pass	2986
30	684	0.1	RMS	493	-58.42	-13	45.42	Pass	6541
684	736	0.1	RMS	712.2	24.24	60	35.76	Pass	521
736	1000	0.1	RMS	829.6	-60.35	-13	47.35	Pass	2641
1000	3000	1	RMS	2137	-29.08	-13	16.08	Pass	2001
3000	7460	1	RMS	6410	-41.21	-13	28.21	Pass	4461



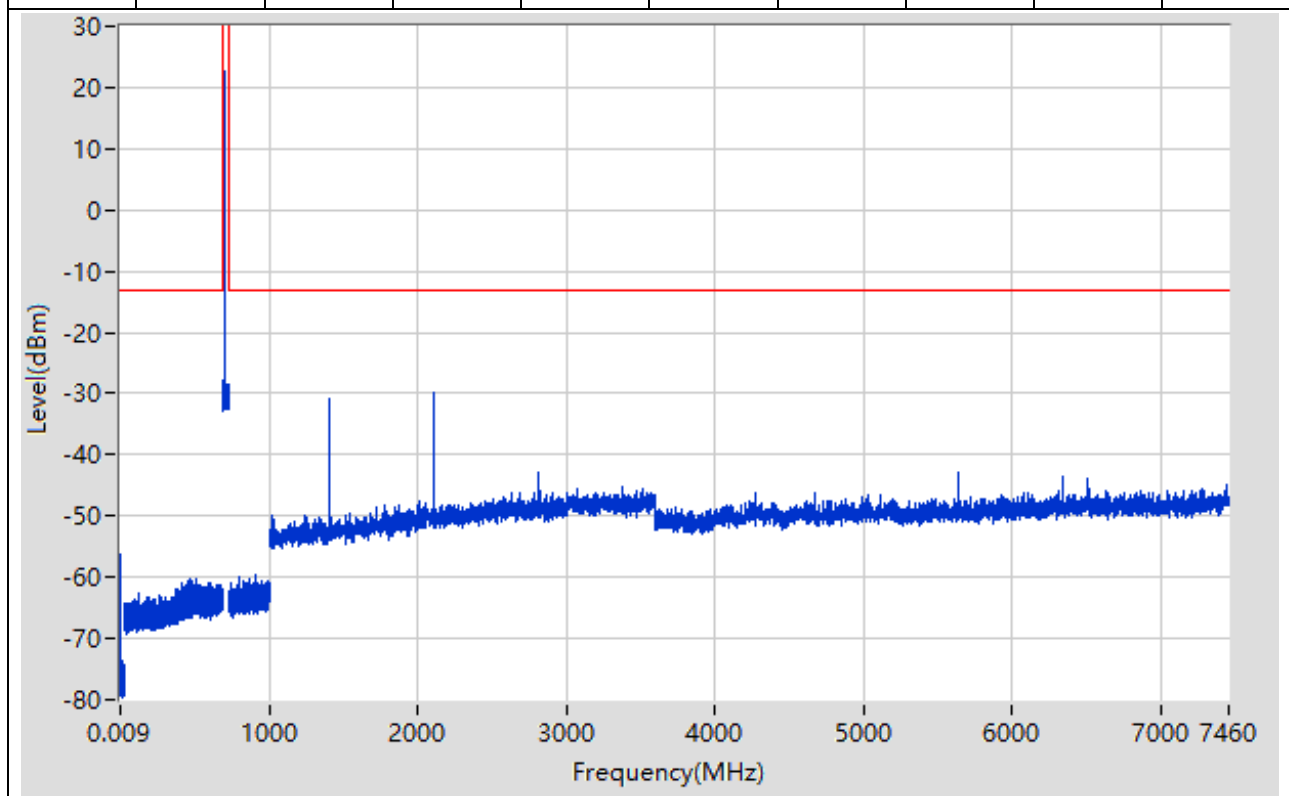
**7.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-56.36	-13	43.36	Pass	401
0.15	30	0.01	RMS	0.15	-57.82	-13	44.82	Pass	2986
30	684	0.1	RMS	494.1	-59.29	-13	46.29	Pass	6541
684	736	0.1	RMS	704.7	22.81	60	37.19	Pass	521
736	1000	0.1	RMS	761.5	-59.35	-13	46.35	Pass	2641
1000	3000	1	RMS	2114	-29.33	-13	16.33	Pass	2001
3000	7460	1	RMS	6343	-39.55	-13	26.55	Pass	4461



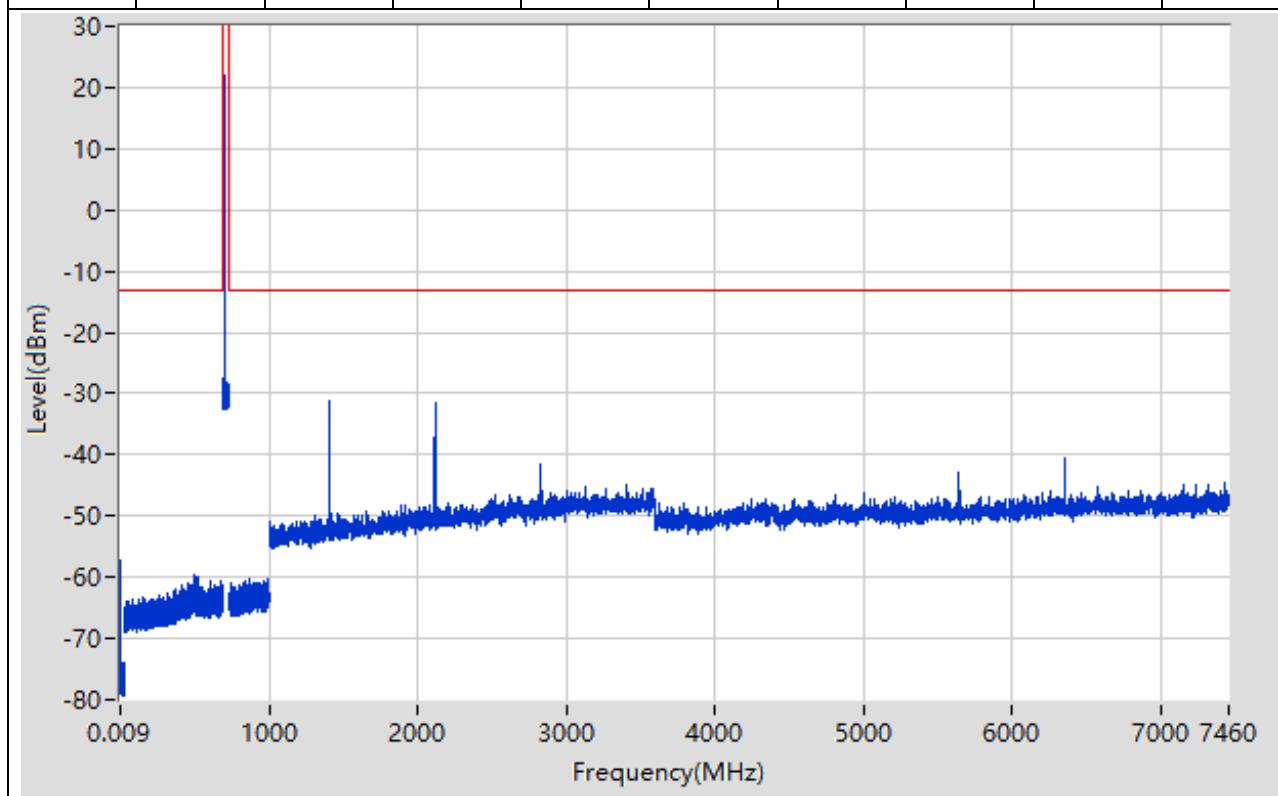
**7.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.64	-13	44.64	Pass	401
0.15	30	0.01	RMS	0.15	-56.23	-13	43.23	Pass	2986
30	684	0.1	RMS	508.4	-60.23	-13	47.23	Pass	6541
684	736	0.1	RMS	704.8	22.59	60	37.41	Pass	521
736	1000	0.1	RMS	916.9	-59.73	-13	46.73	Pass	2641
1000	3000	1	RMS	2114	-29.75	-13	16.75	Pass	2001
3000	7460	1	RMS	5638	-42.78	-13	29.78	Pass	4461



**7.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

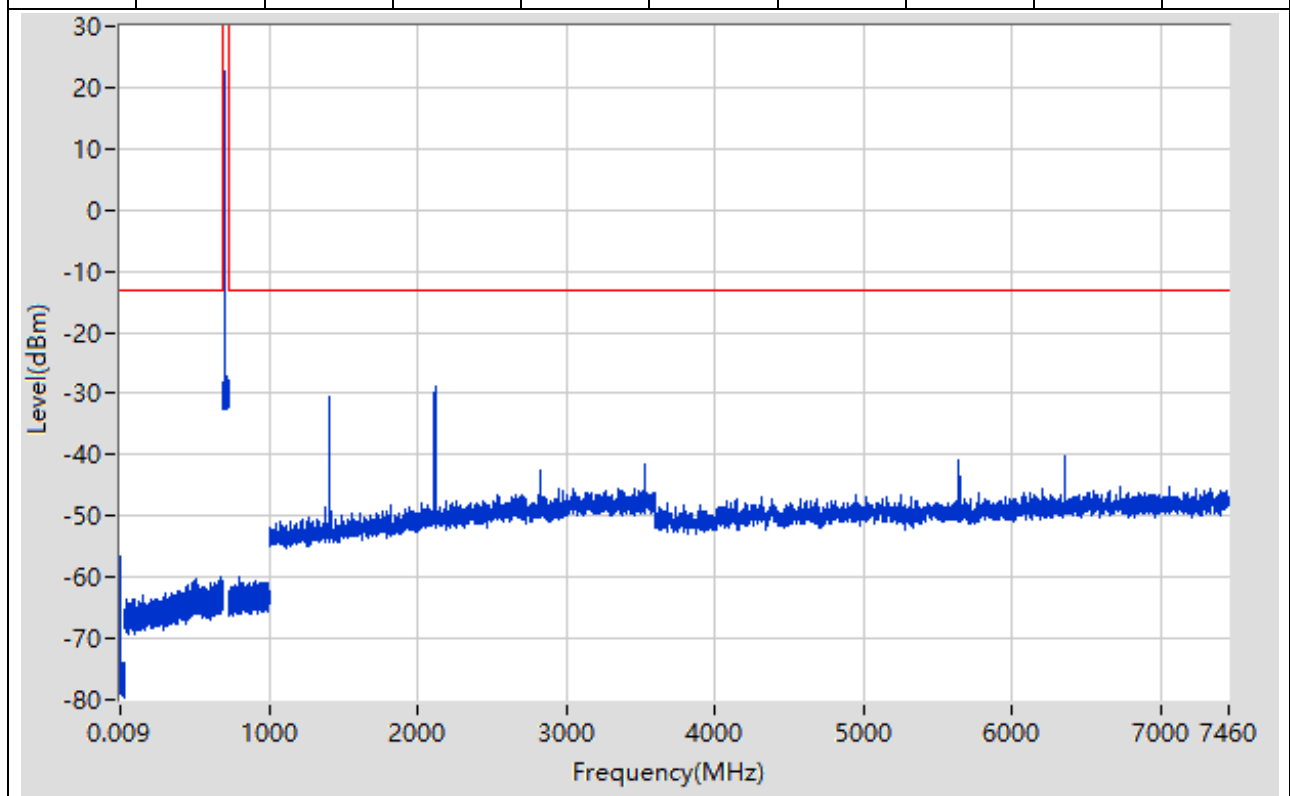
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-57.93	-13	44.93	Pass	401
0.15	30	0.01	RMS	0.16	-57.4	-13	44.4	Pass	2986
30	684	0.1	RMS	494.3	-59.47	-13	46.47	Pass	6541
684	736	0.1	RMS	705.8	21.88	60	38.12	Pass	521
736	1000	0.1	RMS	994.1	-60.29	-13	47.29	Pass	2641
1000	3000	1	RMS	1411	-31.15	-13	18.15	Pass	2001
3000	7460	1	RMS	6352	-40.45	-13	27.45	Pass	4461



### 7.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:23790, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

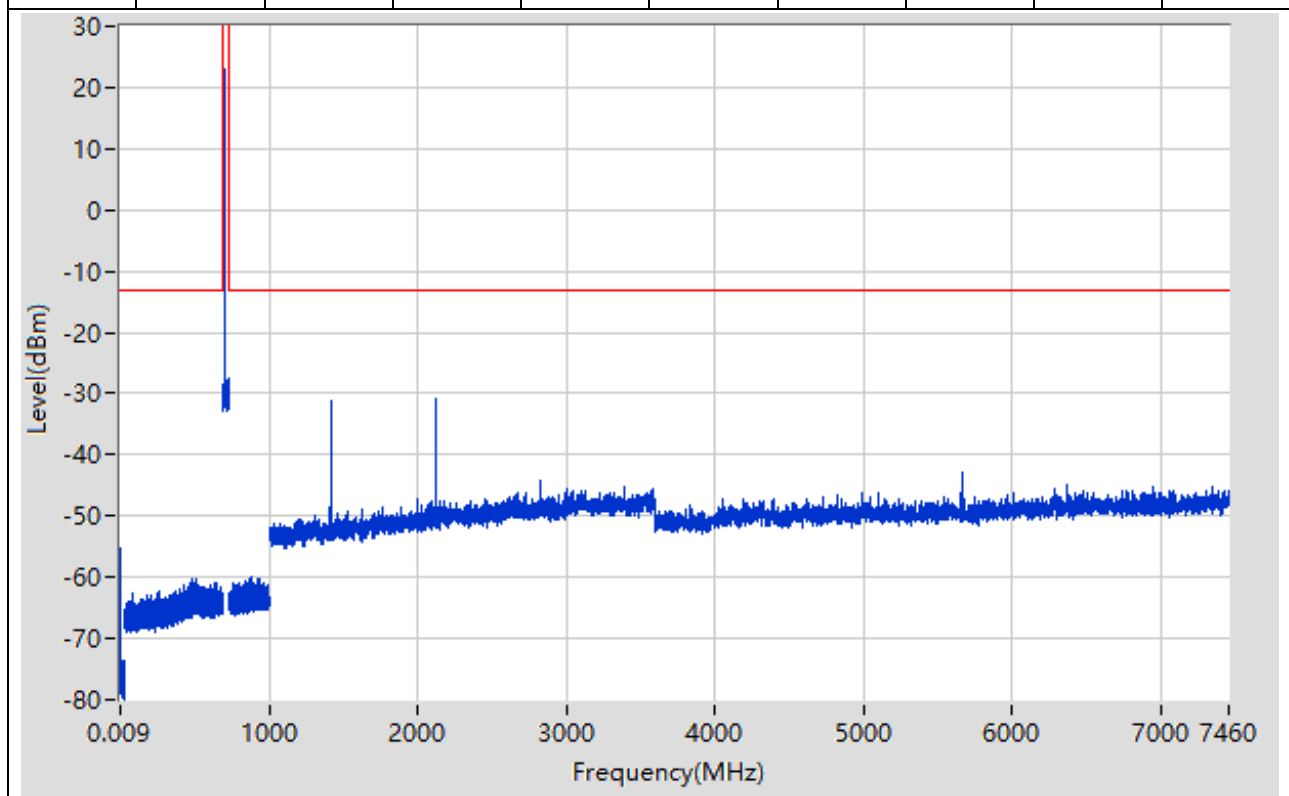
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.9	-13	44.9	Pass	401
0.15	30	0.01	RMS	0.15	-56.61	-13	43.61	Pass	2986
30	684	0.1	RMS	681.5	-59.83	-13	46.83	Pass	6541
684	736	0.1	RMS	705.8	22.78	60	37.22	Pass	521
736	1000	0.1	RMS	800.4	-59.91	-13	46.91	Pass	2641
1000	3000	1	RMS	2117	-28.74	-13	15.74	Pass	2001
3000	7460	1	RMS	6352	-40.38	-13	27.38	Pass	4461



### 7.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:23800, 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	-56.33	-13	43.33	Pass	401
0.15	30	0.01	RMS	0.16	-55.22	-13	42.22	Pass	2986
30	684	0.1	RMS	511.9	-60.27	-13	47.27	Pass	6541
684	736	0.1	RMS	707.6	22.86	60	37.14	Pass	521
736	1000	0.1	RMS	885.7	-59.94	-13	46.94	Pass	2641
1000	3000	1	RMS	2123	-30.76	-13	17.76	Pass	2001
3000	7460	1	RMS	5661	-42.98	-13	29.98	Pass	4461

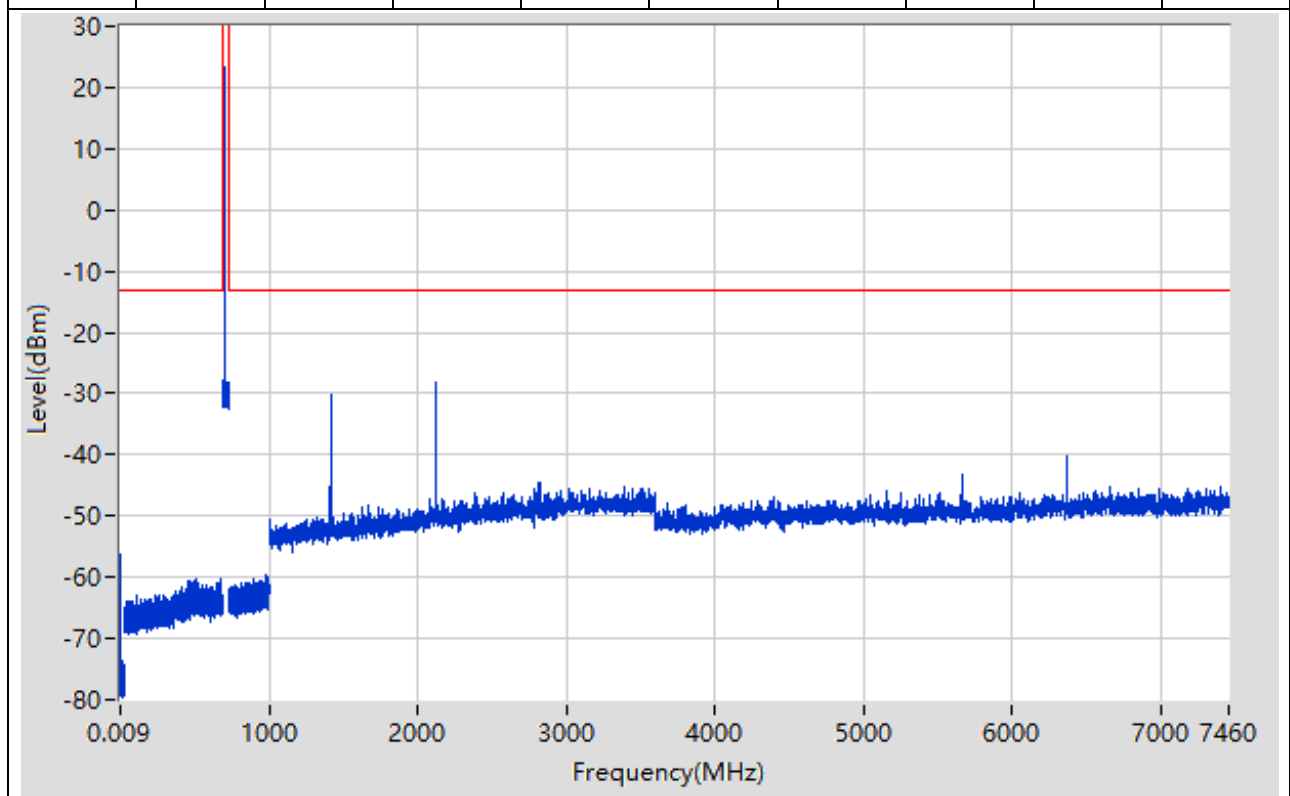




## 7.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

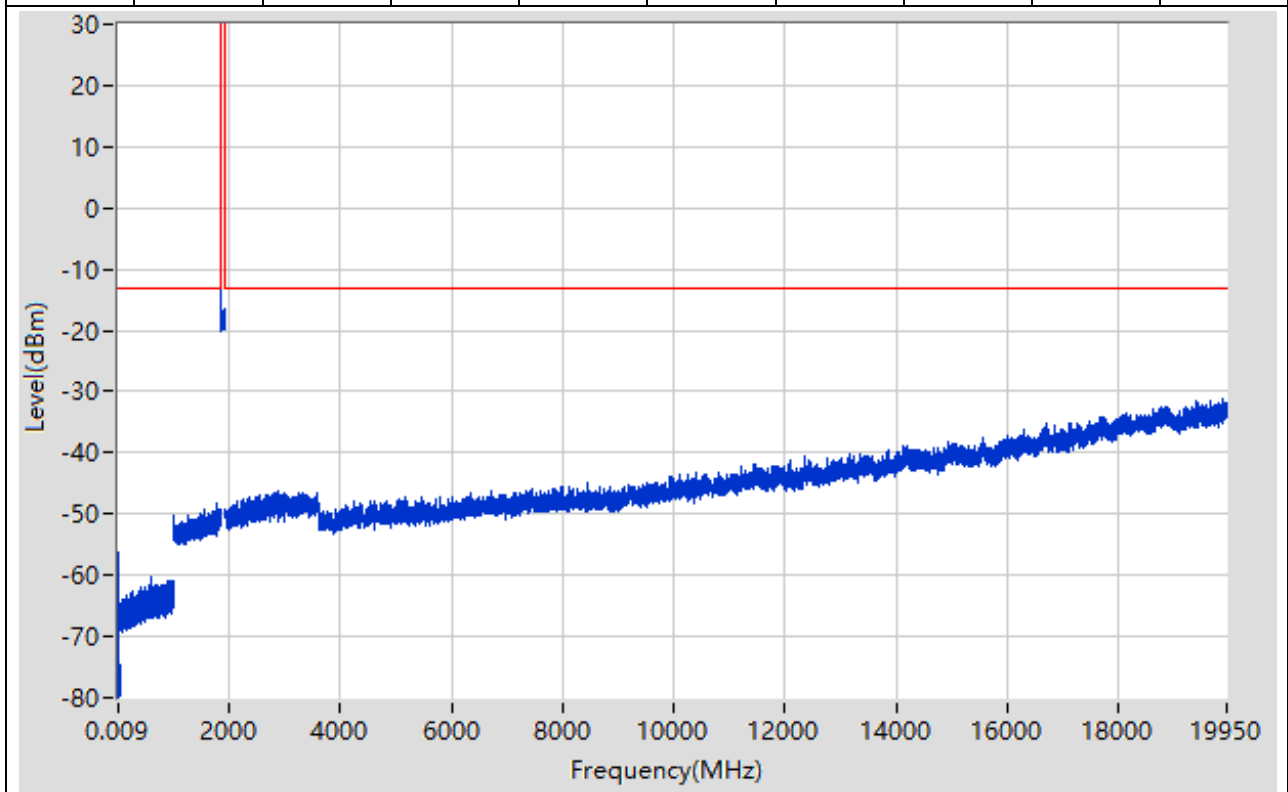
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.18	-13	43.18	Pass	401
0.15	30	0.01	RMS	0.15	-56.95	-13	43.95	Pass	2986
30	684	0.1	RMS	507.9	-60.17	-13	47.17	Pass	6541
684	736	0.1	RMS	707.6	23.29	60	36.71	Pass	521
736	1000	0.1	RMS	983.5	-59.55	-13	46.55	Pass	2641
1000	3000	1	RMS	2123	-28.29	-13	15.29	Pass	2001
3000	7460	1	RMS	6369	-40.06	-13	27.06	Pass	4461



## 8. Cat-M\_Band25

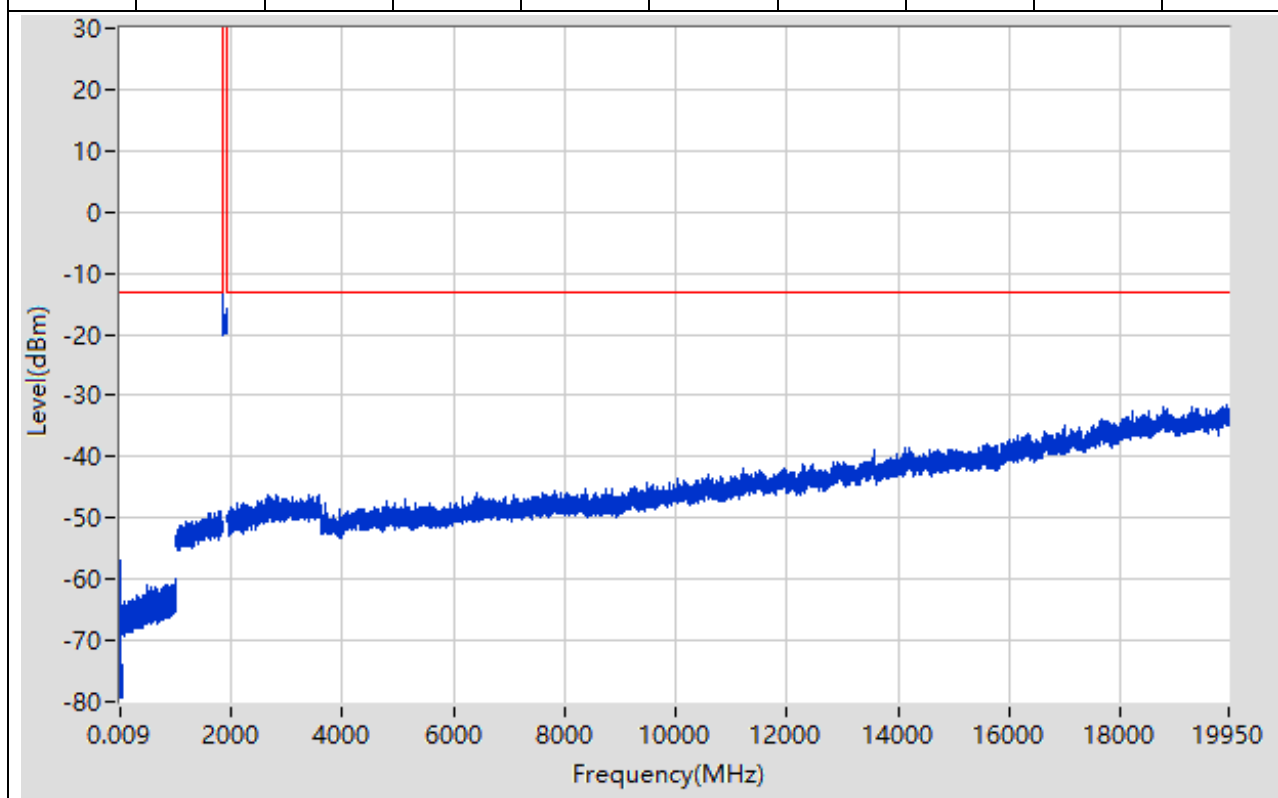
### 8.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:26065, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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	-56.2	-13	43.2	Pass	401
0.15	30	0.01	RMS	0.16	-58.89	-13	45.89	Pass	2986
30	1000	0.1	RMS	608	-60.3	-13	47.3	Pass	9701
1000	1830	1	RMS	1752	-48.4	-13	35.4	Pass	831
1830	1935	1	RMS	1850.475	23.4	60	36.6	Pass	401
1935	3000	1	RMS	2860	-46.36	-13	33.36	Pass	1066
3000	19950	1	RMS	19890	-31.32	-13	18.32	Pass	16951



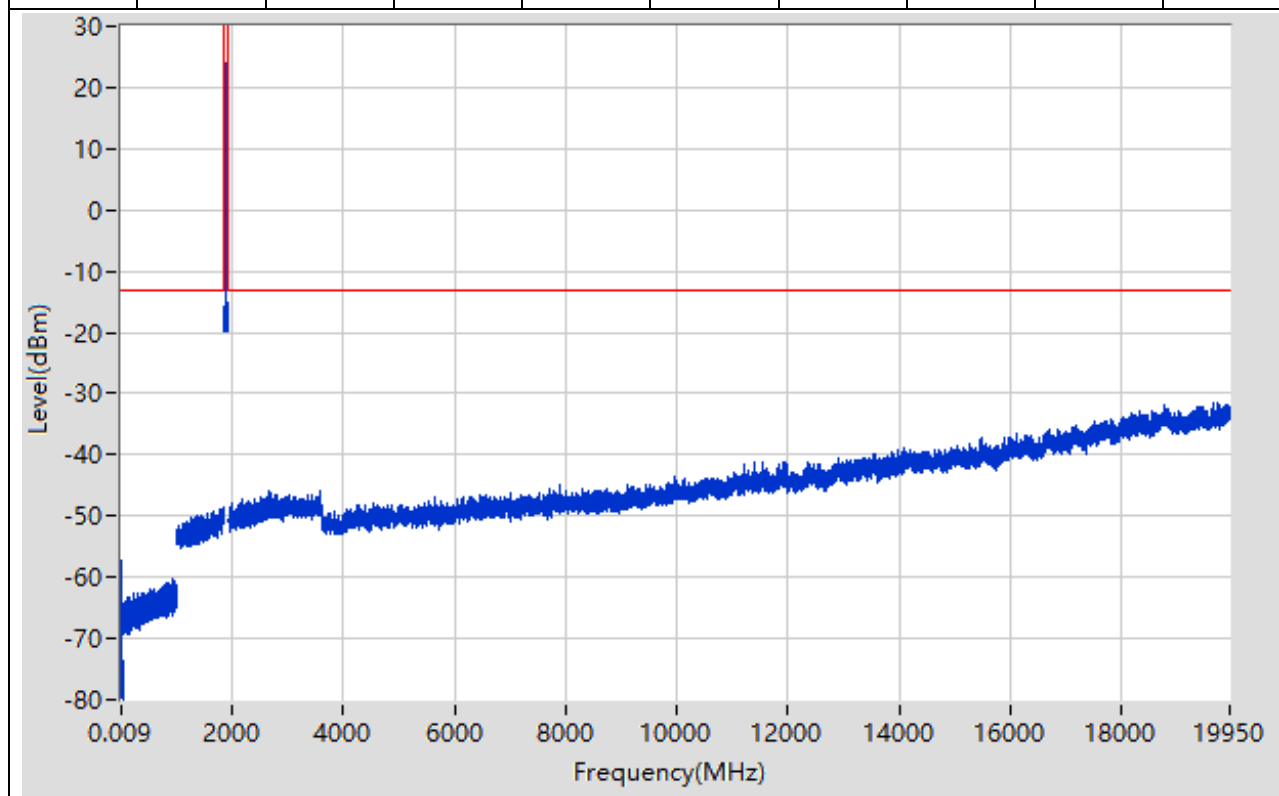
**8.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:26065, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.09	-13	44.09	Pass	401
0.15	30	0.01	RMS	0.16	-58.07	-13	45.07	Pass	2986
30	1000	0.1	RMS	995.6	-59.78	-13	46.78	Pass	9701
1000	1830	1	RMS	1754	-48.93	-13	35.93	Pass	831
1830	1935	1	RMS	1850.213	24.04	60	35.96	Pass	401
1935	3000	1	RMS	2816	-46.13	-13	33.13	Pass	1066
3000	19950	1	RMS	19928	-31.56	-13	18.56	Pass	16951



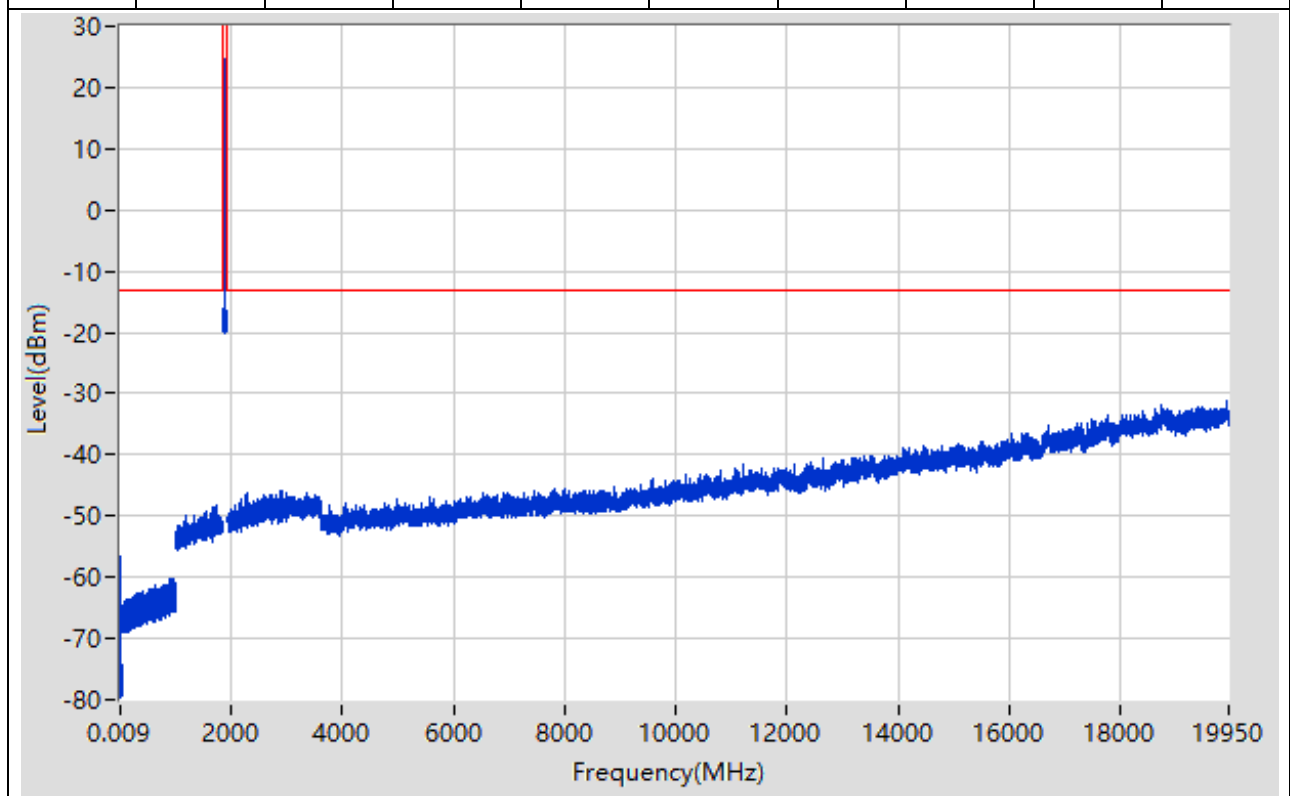
**8.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:26365, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-57.29	-13	44.29	Pass	401
0.15	30	0.01	RMS	0.15	-58.72	-13	45.72	Pass	2986
30	1000	0.1	RMS	919.7	-60.13	-13	47.13	Pass	9701
1000	1830	1	RMS	1829	-48.65	-13	35.65	Pass	831
1830	1935	1	RMS	1880.4	23.95	60	36.05	Pass	401
1935	3000	1	RMS	2641	-45.97	-13	32.97	Pass	1066
3000	19950	1	RMS	19643	-31.36	-13	18.36	Pass	16951



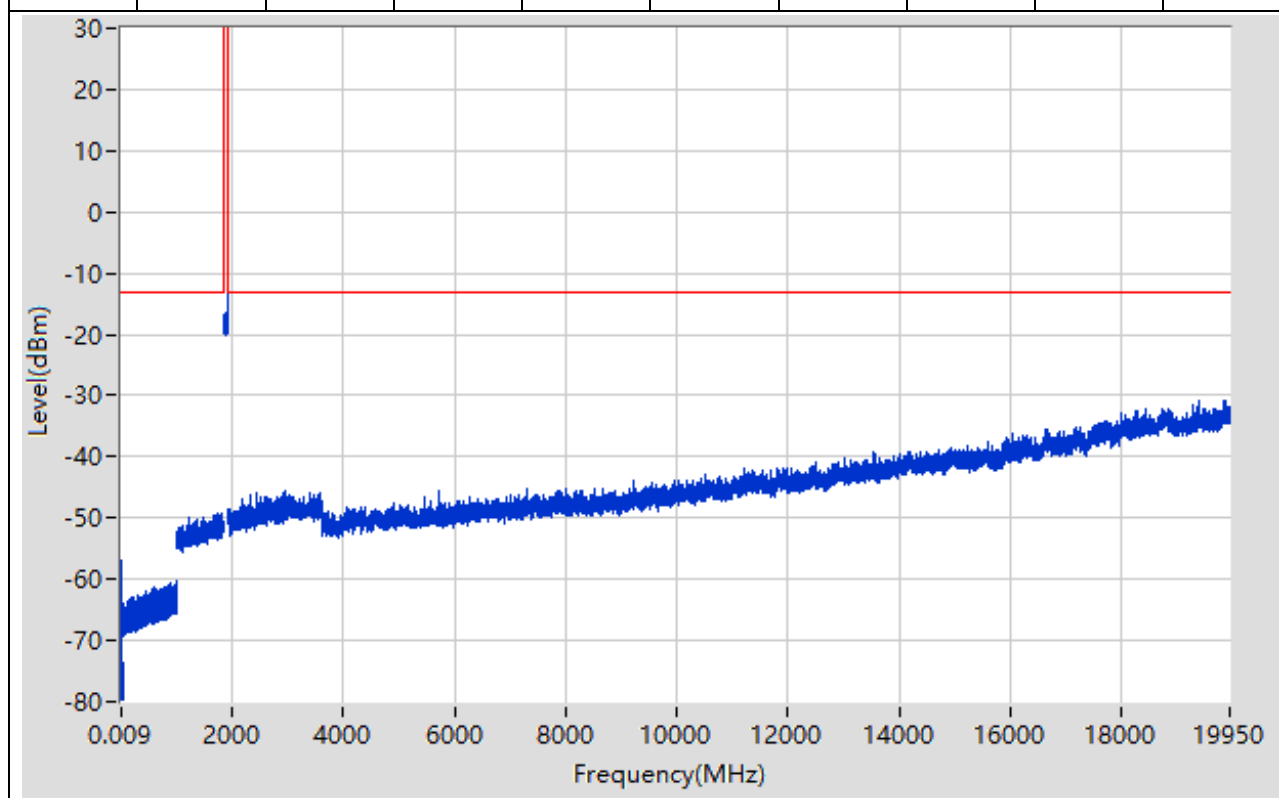
**8.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:26365, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-56.55	-13	43.55	Pass	401
0.15	30	0.01	RMS	0.15	-58.82	-13	45.82	Pass	2986
30	1000	0.1	RMS	969.1	-60.23	-13	47.23	Pass	9701
1000	1830	1	RMS	1743	-48.15	-13	35.15	Pass	831
1830	1935	1	RMS	1880.138	24.77	60	35.23	Pass	401
1935	3000	1	RMS	2892	-46	-13	33	Pass	1066
3000	19950	1	RMS	19896	-31.11	-13	18.11	Pass	16951



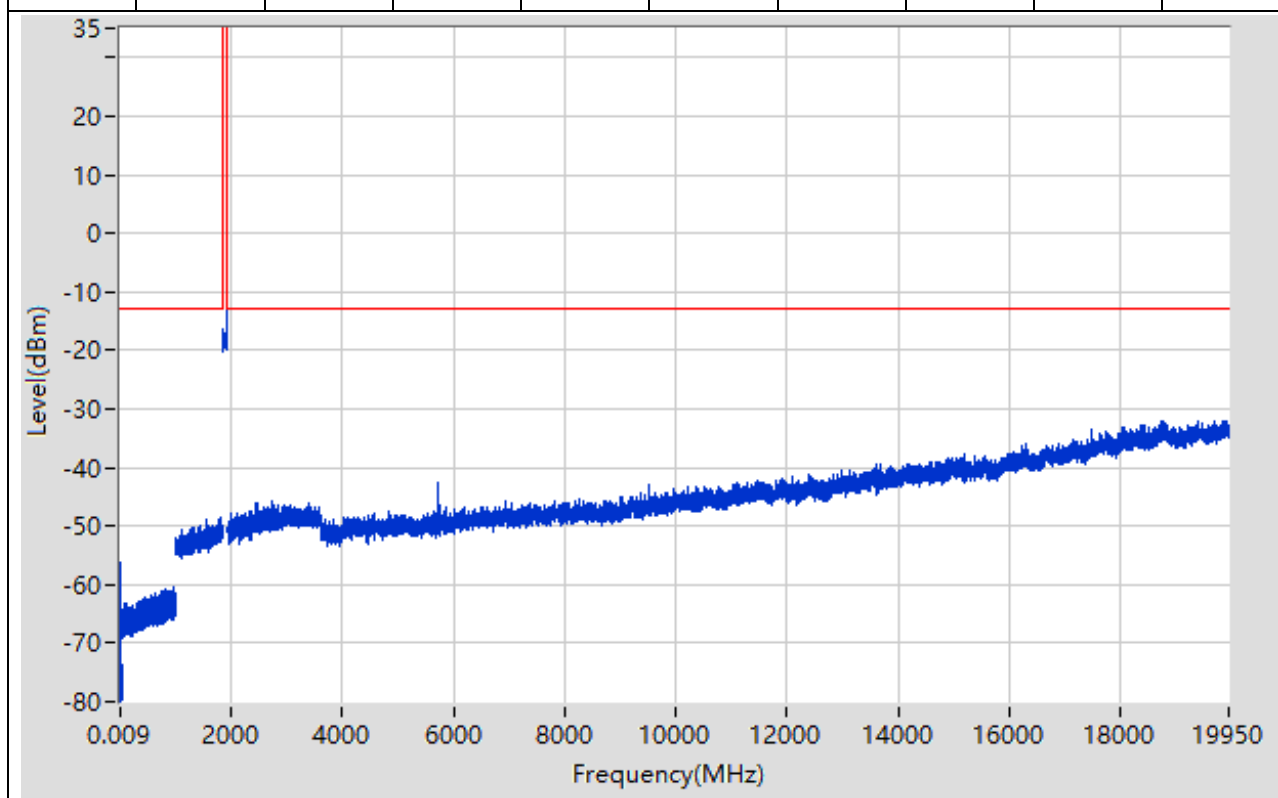
**8.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:26665, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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	-56.83	-13	43.83	Pass	401
0.15	30	0.01	RMS	0.15	-58.88	-13	45.88	Pass	2986
30	1000	0.1	RMS	985.8	-60.26	-13	47.26	Pass	9701
1000	1830	1	RMS	1730	-49.13	-13	36.13	Pass	831
1830	1935	1	RMS	1911.375	24.02	60	35.98	Pass	401
1935	3000	1	RMS	2944	-45.53	-13	32.53	Pass	1066
3000	19950	1	RMS	19874	-30.77	-13	17.77	Pass	16951



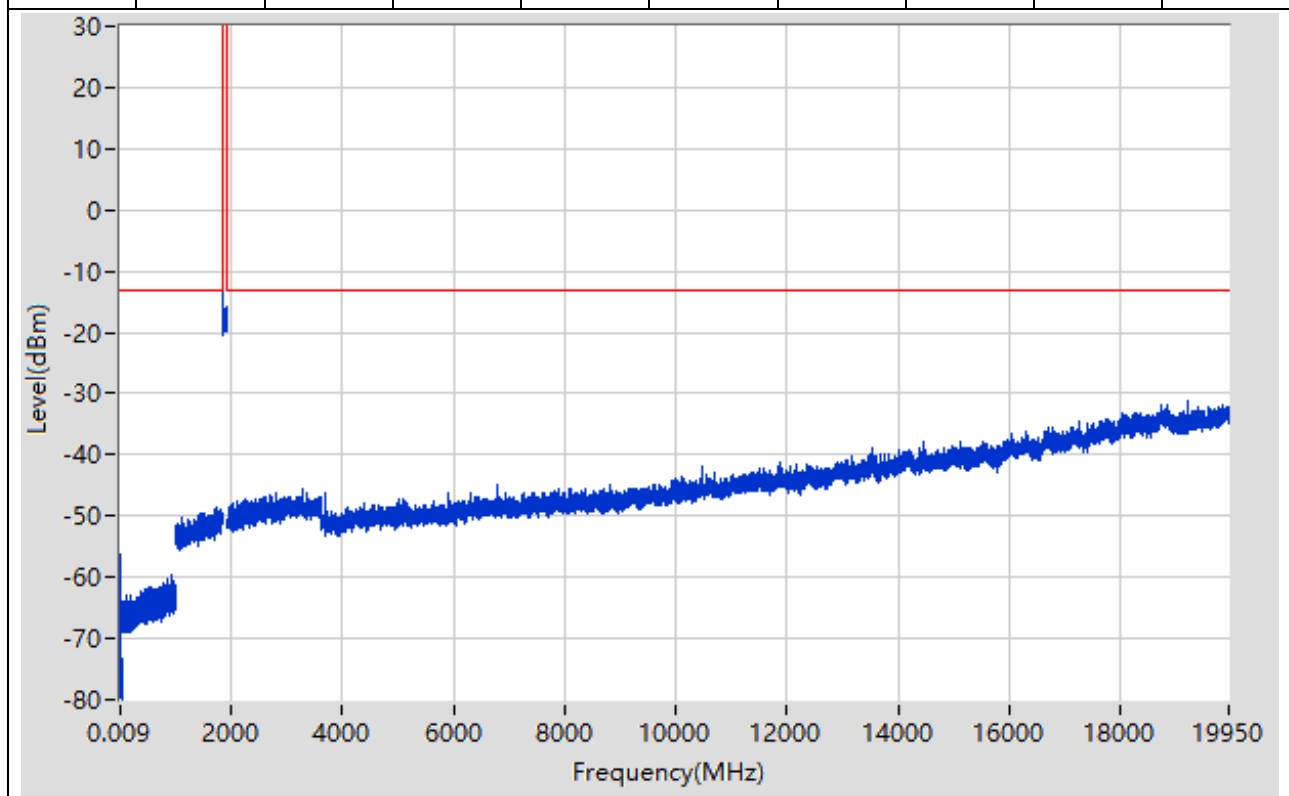
**8.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:26665, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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	-56.36	-13	43.36	Pass	401
0.15	30	0.01	RMS	0.15	-58.63	-13	45.63	Pass	2986
30	1000	0.1	RMS	976.5	-60.31	-13	47.31	Pass	9701
1000	1830	1	RMS	1813	-48.64	-13	35.64	Pass	831
1830	1935	1	RMS	1911.113	25.03	60	34.97	Pass	401
1935	3000	1	RMS	2716	-45.76	-13	32.76	Pass	1066
3000	19950	1	RMS	19696	-31.96	-13	18.96	Pass	16951



**8.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:26090, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

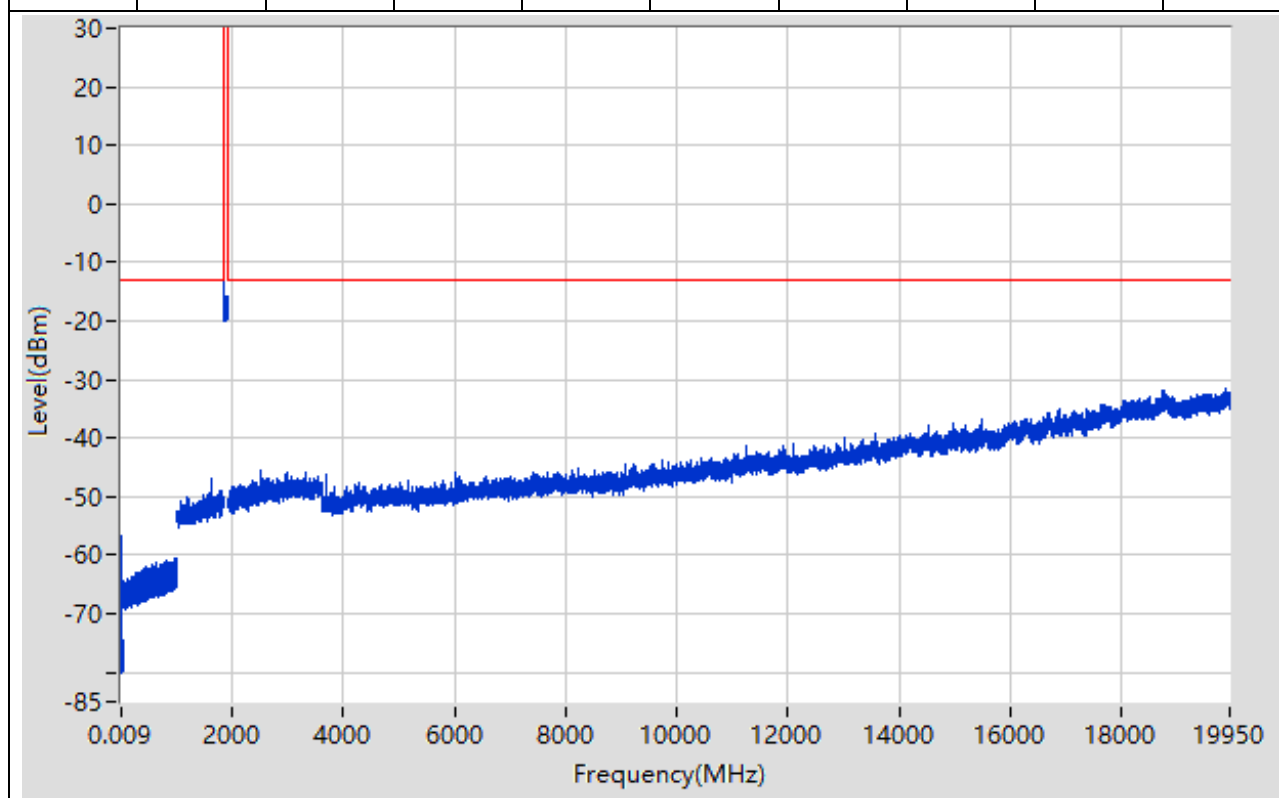
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.4	-13	43.4	Pass	401
0.15	30	0.01	RMS	0.15	-57.93	-13	44.93	Pass	2986
30	1000	0.1	RMS	919.1	-59.69	-13	46.69	Pass	9701
1000	1830	1	RMS	1723	-48.57	-13	35.57	Pass	831
1830	1935	1	RMS	1851	23.88	60	36.12	Pass	401
1935	3000	1	RMS	2803	-46.25	-13	33.25	Pass	1066
3000	19950	1	RMS	19198	-31.34	-13	18.34	Pass	16951





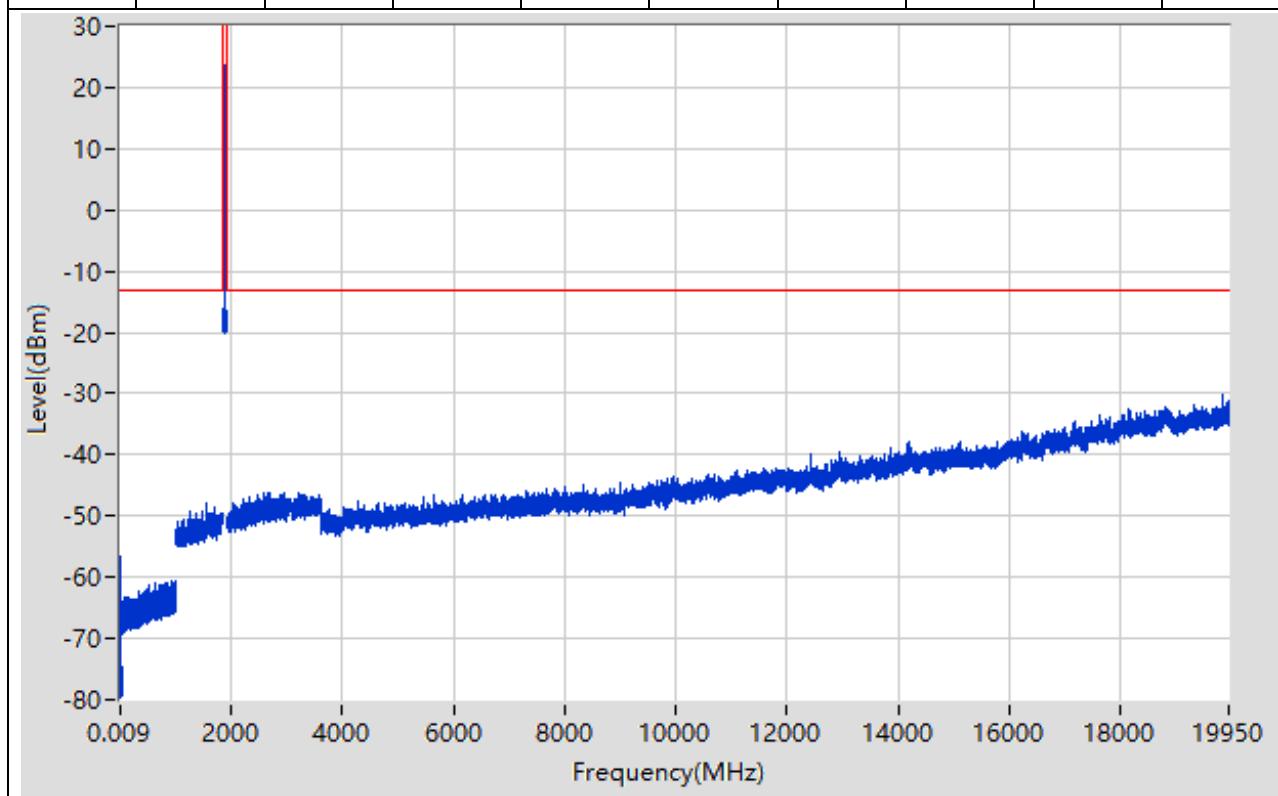
**8.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:26090, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-56.59	-13	43.59	Pass	401
0.15	30	0.01	RMS	0.15	-57.65	-13	44.65	Pass	2986
30	1000	0.1	RMS	976	-60.58	-13	47.58	Pass	9701
1000	1830	1	RMS	1630	-47.01	-13	34.01	Pass	831
1830	1935	1	RMS	1850.738	24.22	60	35.78	Pass	401
1935	3000	1	RMS	2516	-45.63	-13	32.63	Pass	1066
3000	19950	1	RMS	19865	-31.43	-13	18.43	Pass	16951



**8.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:26365, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

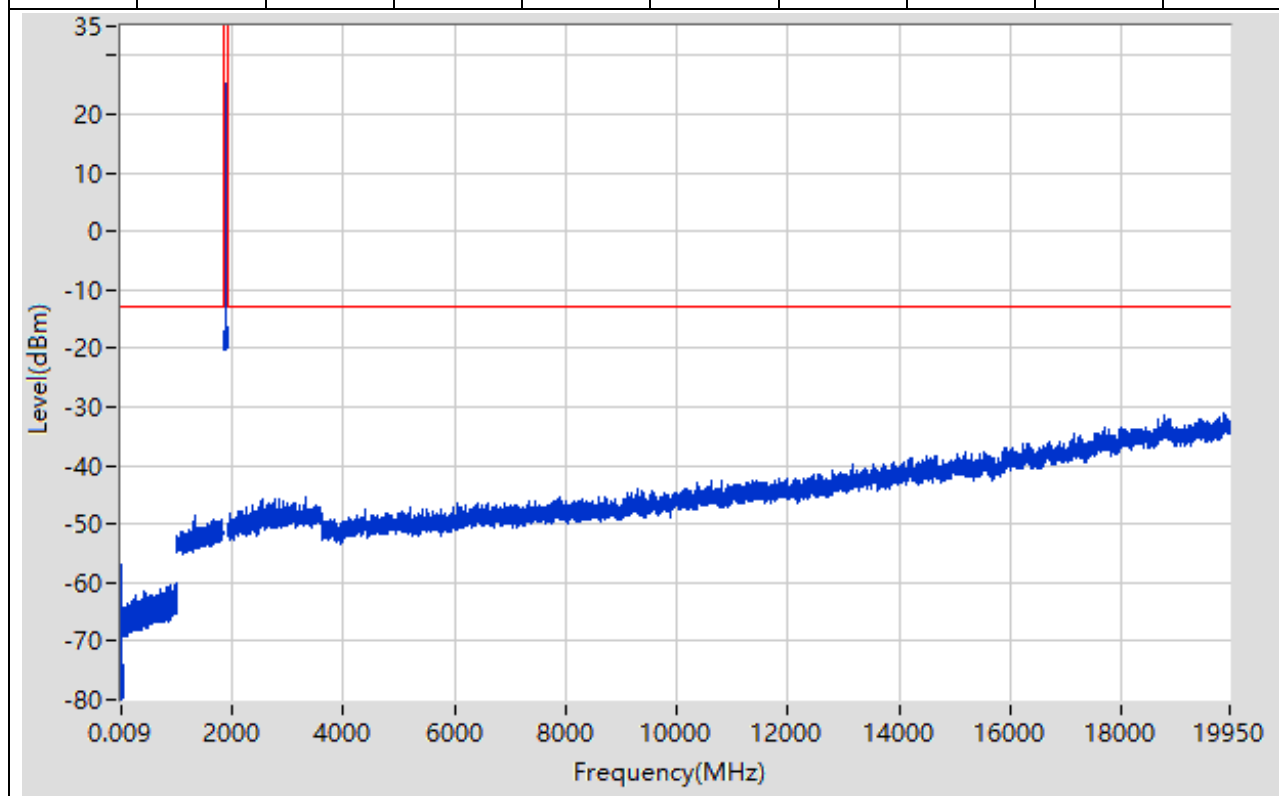
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.44	-13	43.44	Pass	401
0.15	30	0.01	RMS	0.16	-58.6	-13	45.6	Pass	2986
30	1000	0.1	RMS	988.3	-60.63	-13	47.63	Pass	9701
1000	1830	1	RMS	1550	-47.85	-13	34.85	Pass	831
1830	1935	1	RMS	1878.3	23.68	60	36.32	Pass	401
1935	3000	1	RMS	2569	-46.14	-13	33.14	Pass	1066
3000	19950	1	RMS	19826	-30.03	-13	17.03	Pass	16951



### 8.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:26365, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

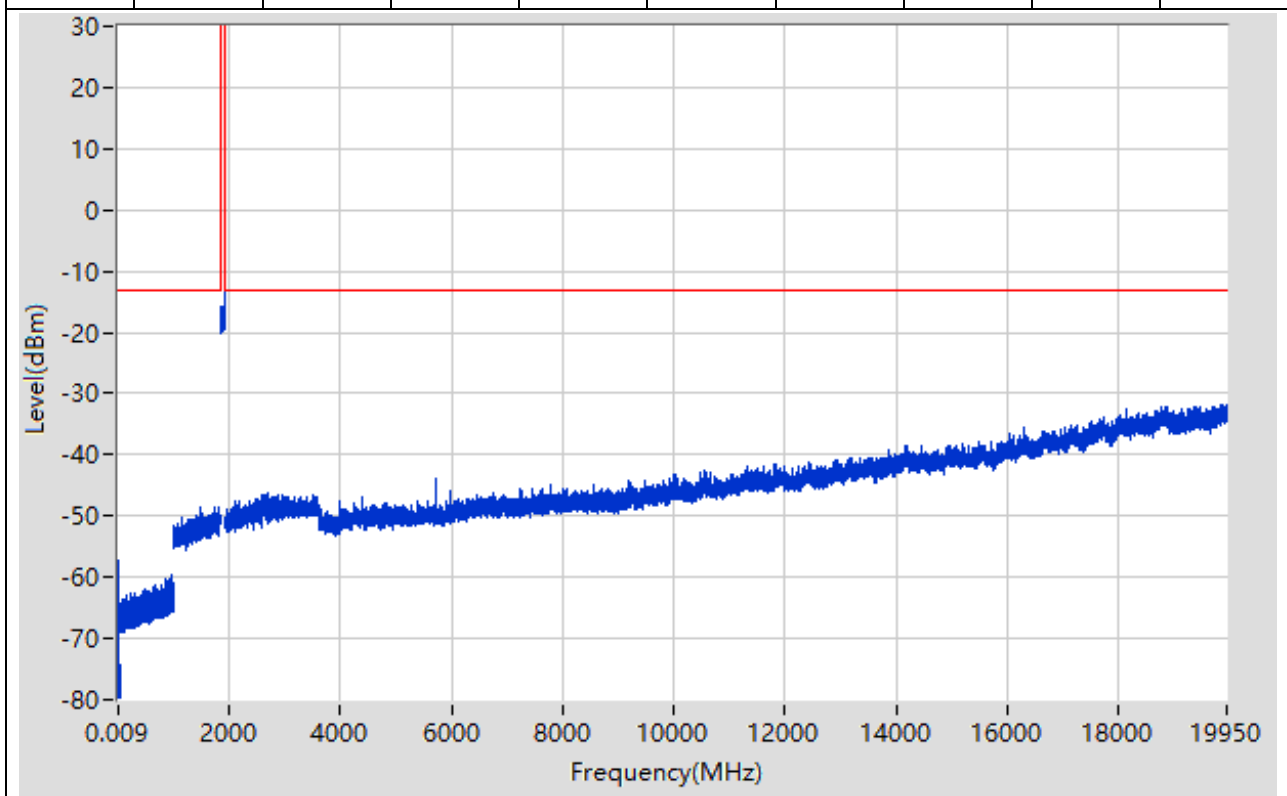
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.04	-13	44.04	Pass	401
0.15	30	0.01	RMS	0.15	-58.96	-13	45.96	Pass	2986
30	1000	0.1	RMS	983.2	-60.17	-13	47.17	Pass	9701
1000	1830	1	RMS	1313	-48.67	-13	35.67	Pass	831
1830	1935	1	RMS	1878.3	25.06	60	34.94	Pass	401
1935	3000	1	RMS	2856	-45.61	-13	32.61	Pass	1066
3000	19950	1	RMS	19827	-31.09	-13	18.09	Pass	16951



### 8.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:26640, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

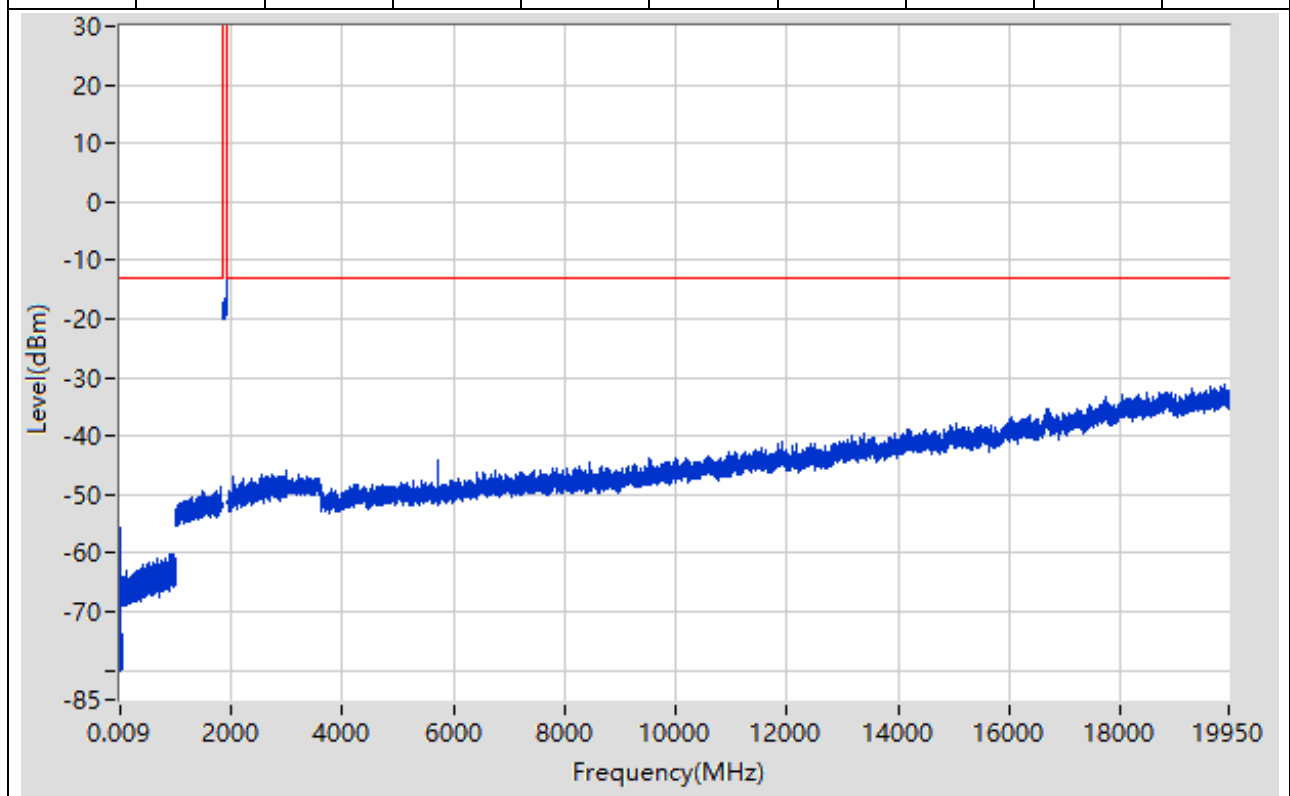
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.25	-13	44.25	Pass	401
0.15	30	0.01	RMS	0.16	-58.9	-13	45.9	Pass	2986
30	1000	0.1	RMS	971	-59.71	-13	46.71	Pass	9701
1000	1830	1	RMS	1815	-48.42	-13	35.42	Pass	831
1830	1935	1	RMS	1906.65	24.37	60	35.63	Pass	401
1935	3000	1	RMS	2692	-46.22	-13	33.22	Pass	1066
3000	19950	1	RMS	19834	-31.78	-13	18.78	Pass	16951



## 8.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:26640, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

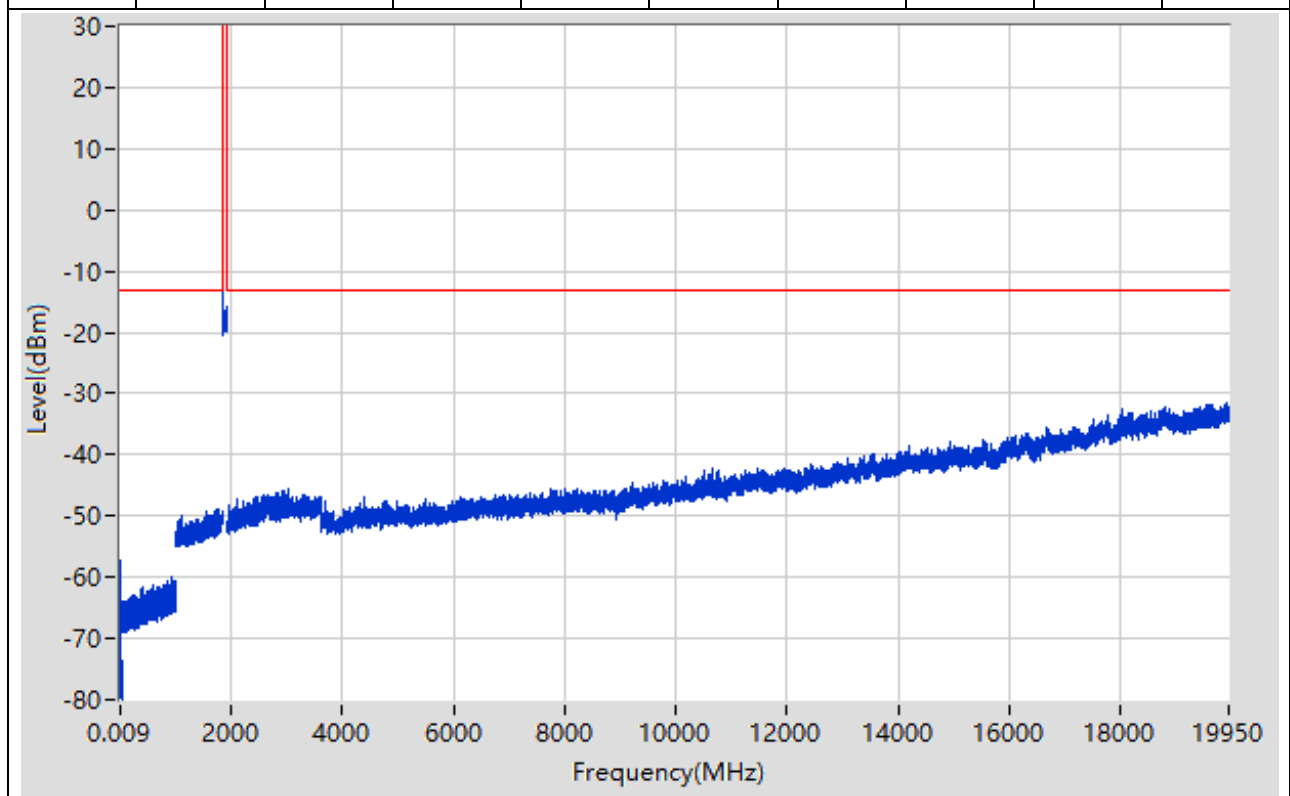
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.63	-13	42.63	Pass	401
0.15	30	0.01	RMS	0.15	-58.5	-13	45.5	Pass	2986
30	1000	0.1	RMS	971.2	-60.14	-13	47.14	Pass	9701
1000	1830	1	RMS	1819	-48.59	-13	35.59	Pass	831
1830	1935	1	RMS	1906.65	24.94	60	35.06	Pass	401
1935	3000	1	RMS	2979	-45.83	-13	32.83	Pass	1066
3000	19950	1	RMS	19860	-31.04	-13	18.04	Pass	16951



### 8.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:26115, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

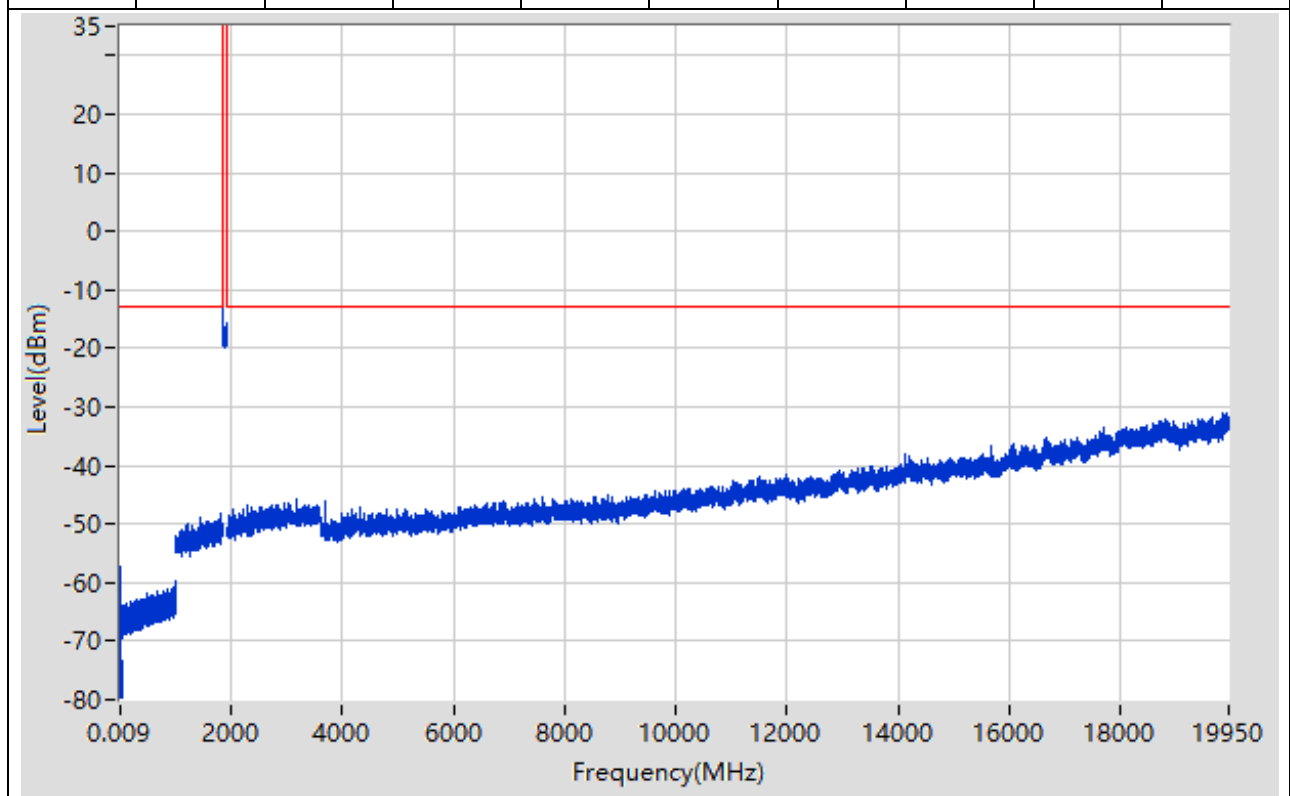
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-57.23	-13	44.23	Pass	401
0.15	30	0.01	RMS	0.15	-58.25	-13	45.25	Pass	2986
30	1000	0.1	RMS	925	-59.82	-13	46.82	Pass	9701
1000	1830	1	RMS	1758	-48.85	-13	35.85	Pass	831
1830	1935	1	RMS	1851	24.47	60	35.53	Pass	401
1935	3000	1	RMS	2915	-45.91	-13	32.91	Pass	1066
3000	19950	1	RMS	19914	-31.44	-13	18.44	Pass	16951



#### 8.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:26115, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

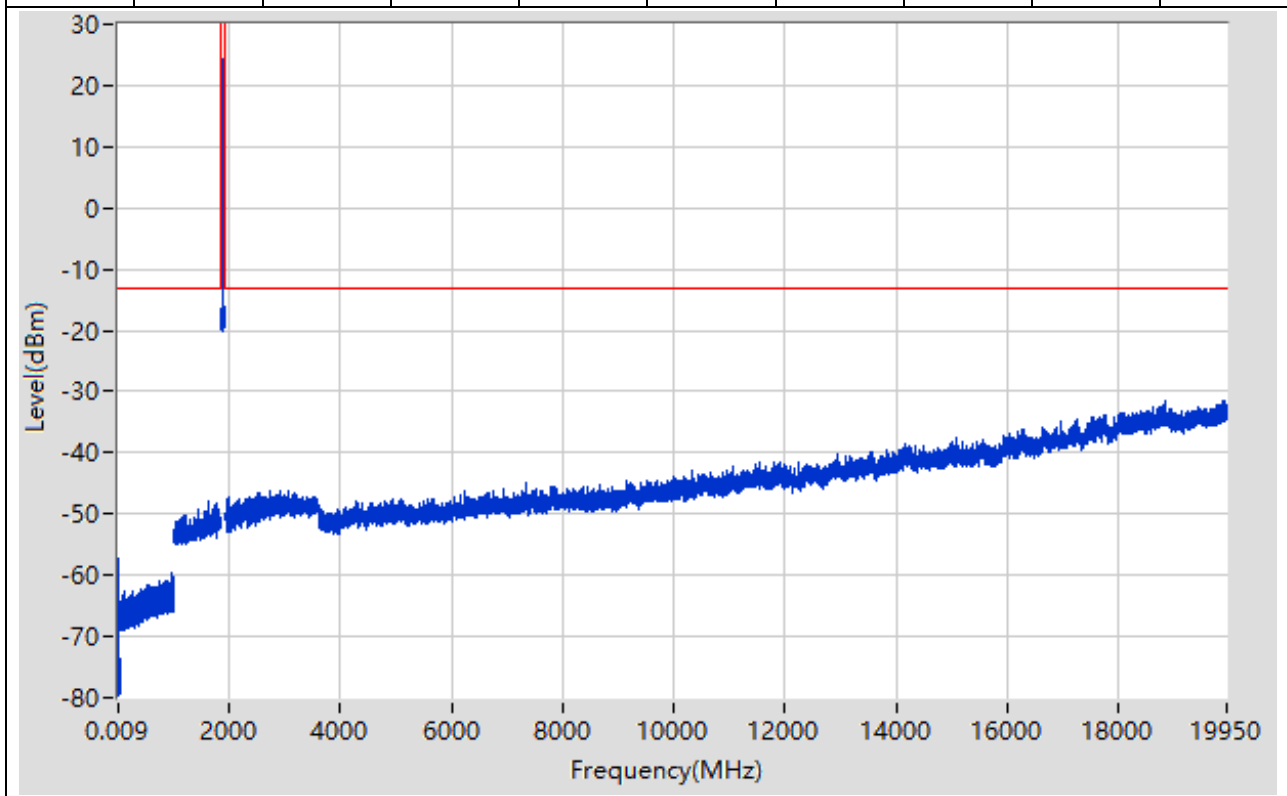
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.35	-13	44.35	Pass	401
0.15	30	0.01	RMS	0.15	-59.1	-13	46.1	Pass	2986
30	1000	0.1	RMS	981.3	-59.58	-13	46.58	Pass	9701
1000	1830	1	RMS	1822	-48.35	-13	35.35	Pass	831
1830	1935	1	RMS	1851	25.15	60	34.85	Pass	401
1935	3000	1	RMS	2948	-46.38	-13	33.38	Pass	1066
3000	19950	1	RMS	19907	-30.92	-13	17.92	Pass	16951



### 8.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:26365, 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	-57.19	-13	44.19	Pass	401
0.15	30	0.01	RMS	0.15	-59.92	-13	46.92	Pass	2986
30	1000	0.1	RMS	962.9	-59.62	-13	46.62	Pass	9701
1000	1830	1	RMS	1611	-47.96	-13	34.96	Pass	831
1830	1935	1	RMS	1875.938	24.2	60	35.8	Pass	401
1935	3000	1	RMS	2731	-46.33	-13	33.33	Pass	1066
3000	19950	1	RMS	19906	-31.37	-13	18.37	Pass	16951

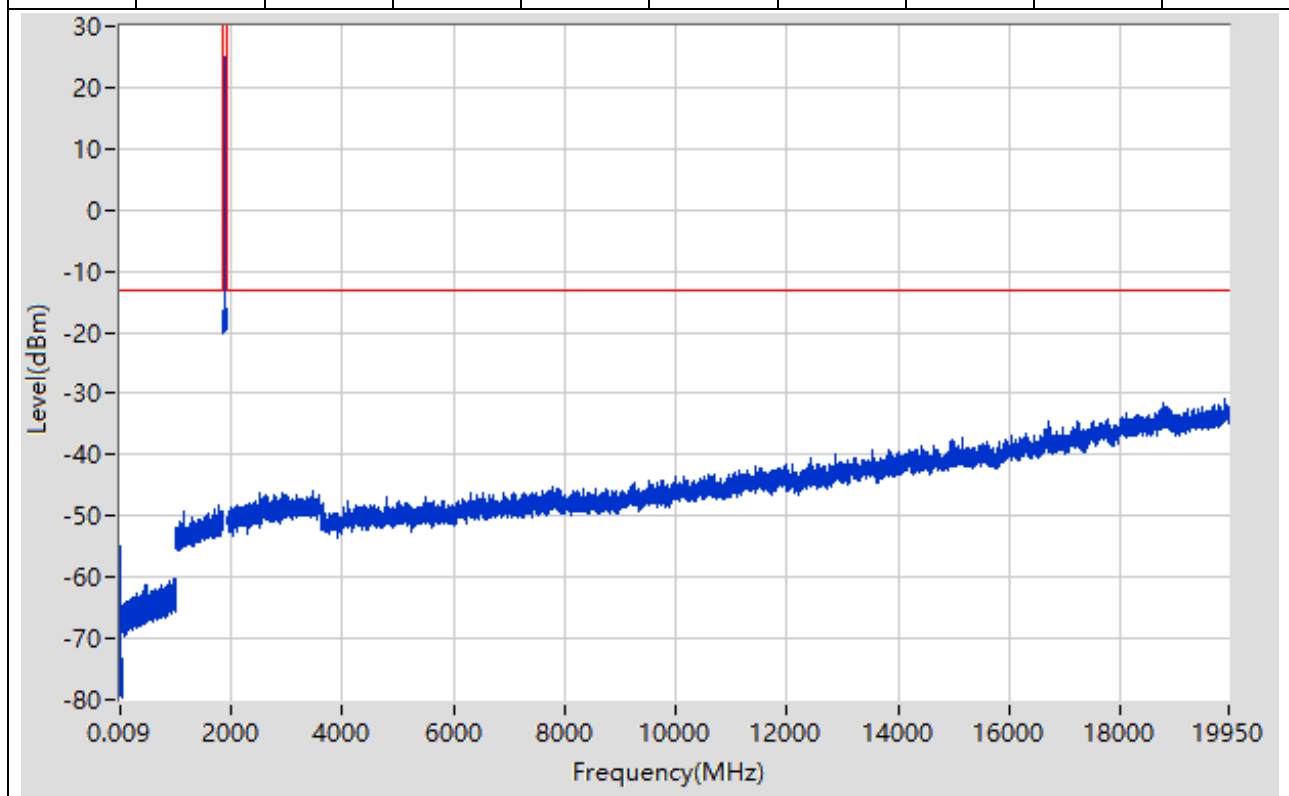




### 8.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:26365, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

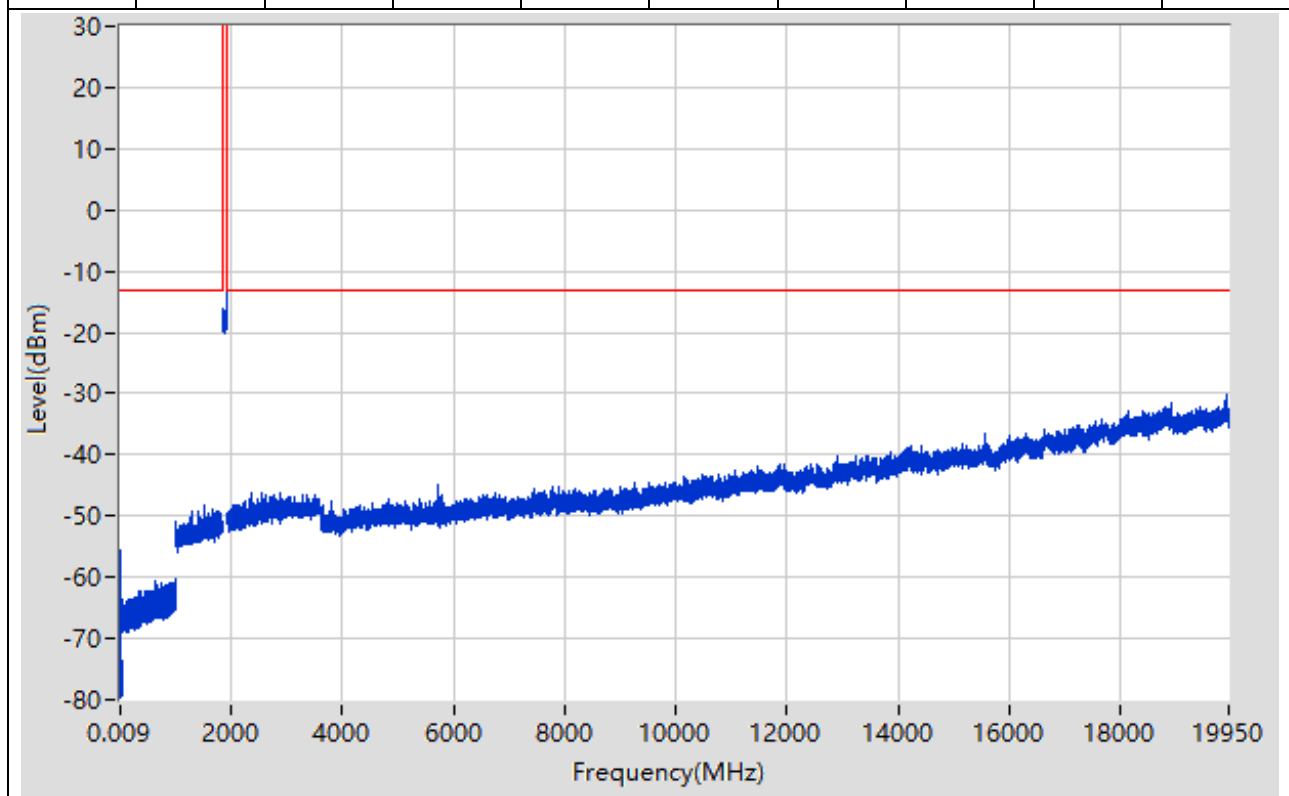
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.83	-13	41.83	Pass	401
0.15	30	0.01	RMS	0.15	-57.48	-13	44.48	Pass	2986
30	1000	0.1	RMS	985	-60.19	-13	47.19	Pass	9701
1000	1830	1	RMS	1778	-48.29	-13	35.29	Pass	831
1830	1935	1	RMS	1875.938	25	60	35	Pass	401
1935	3000	1	RMS	2525	-46.23	-13	33.23	Pass	1066
3000	19950	1	RMS	19884	-30.73	-13	17.73	Pass	16951



### 8.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:26615, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

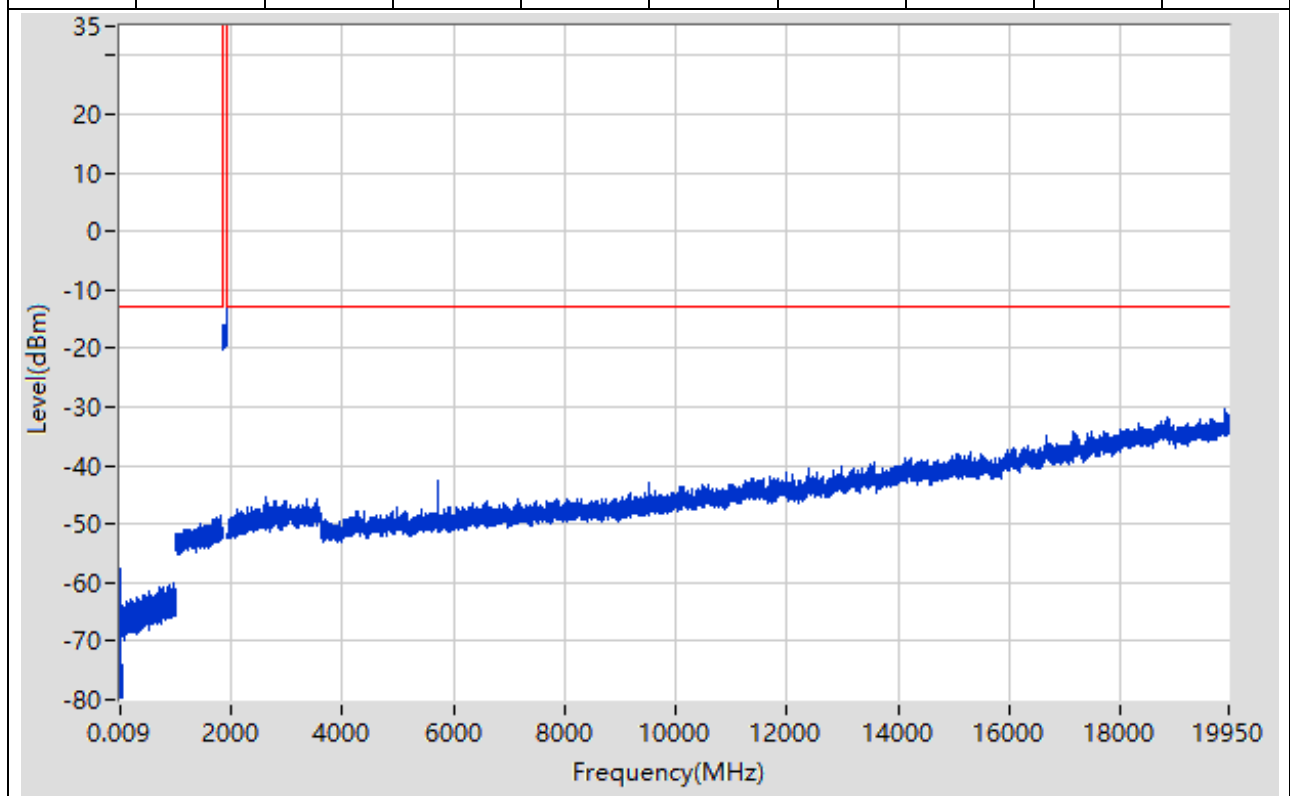
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.53	-13	42.53	Pass	401
0.15	30	0.01	RMS	0.15	-59.94	-13	46.94	Pass	2986
30	1000	0.1	RMS	997.3	-60.34	-13	47.34	Pass	9701
1000	1830	1	RMS	1499	-48.13	-13	35.13	Pass	831
1830	1935	1	RMS	1901.925	24.35	60	35.65	Pass	401
1935	3000	1	RMS	2866	-46.27	-13	33.27	Pass	1066
3000	19950	1	RMS	19917	-30.16	-13	17.16	Pass	16951



### 8.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:26615, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

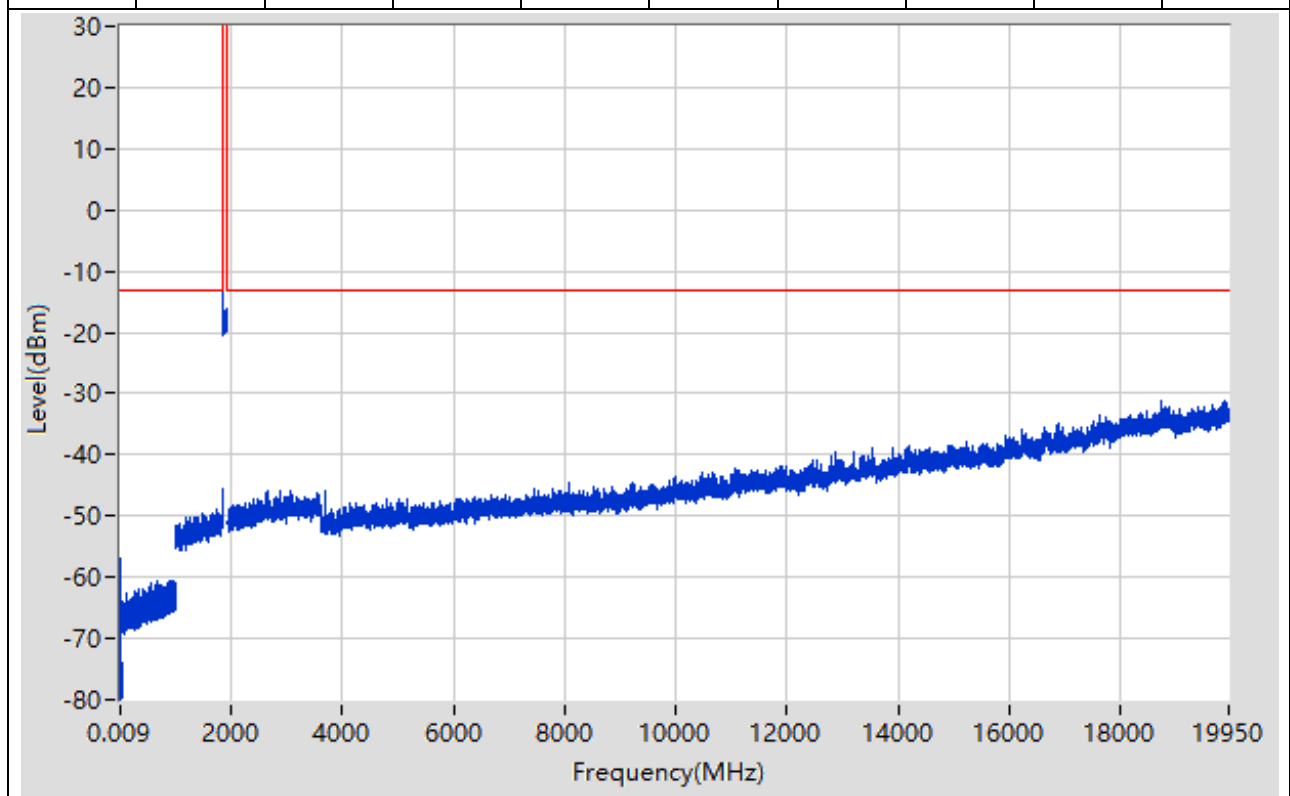
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.58	-13	44.58	Pass	401
0.15	30	0.01	RMS	0.15	-58.29	-13	45.29	Pass	2986
30	1000	0.1	RMS	968	-60.08	-13	47.08	Pass	9701
1000	1830	1	RMS	1797	-48.71	-13	35.71	Pass	831
1830	1935	1	RMS	1901.925	25.16	60	34.84	Pass	401
1935	3000	1	RMS	2626	-45.41	-13	32.41	Pass	1066
3000	19950	1	RMS	19871	-30.3	-13	17.3	Pass	16951



### 8.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:26140, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

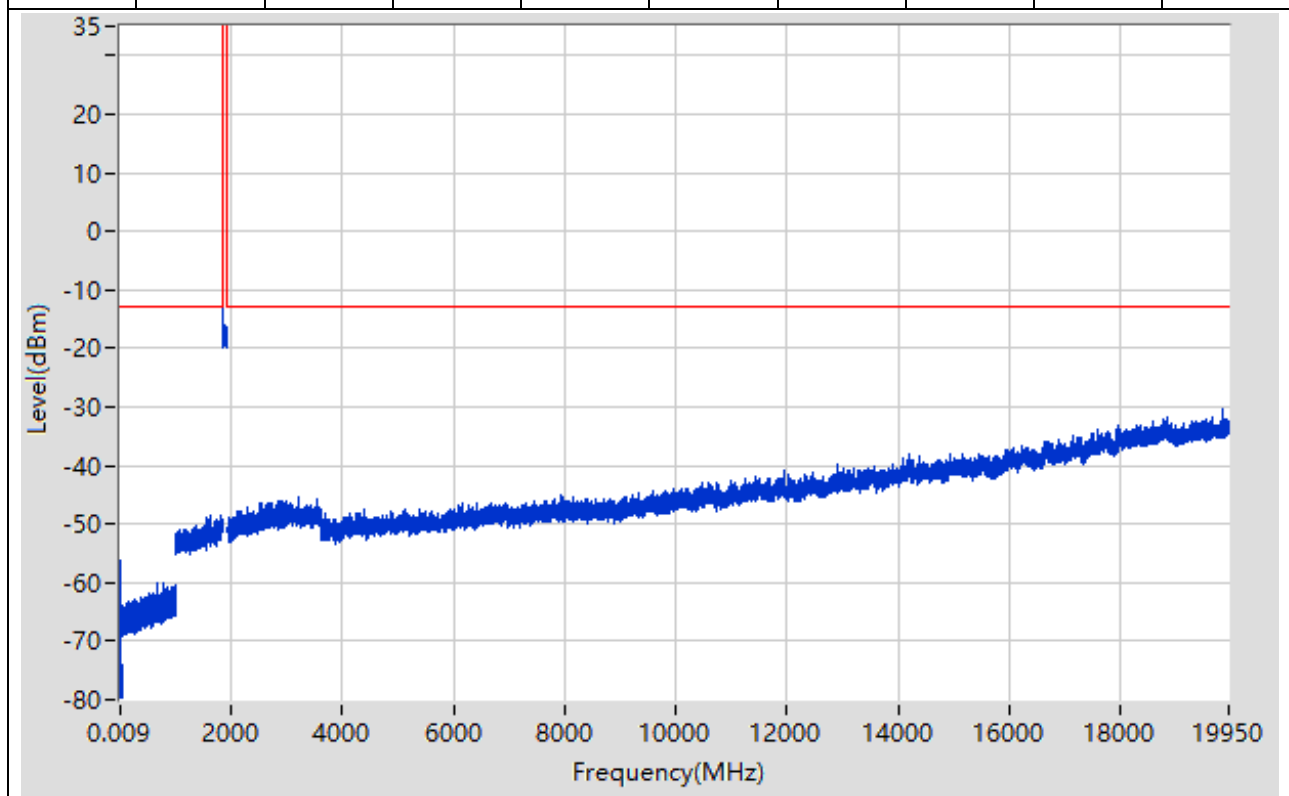
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.93	-13	43.93	Pass	401
0.15	30	0.01	RMS	0.15	-57.27	-13	44.27	Pass	2986
30	1000	0.1	RMS	880.5	-60.51	-13	47.51	Pass	9701
1000	1830	1	RMS	1830	-45.4	-13	32.4	Pass	831
1830	1935	1	RMS	1851.263	24.3	60	35.7	Pass	401
1935	3000	1	RMS	2657	-45.96	-13	32.96	Pass	1066
3000	19950	1	RMS	19885	-31.2	-13	18.2	Pass	16951



### 8.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:26140, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

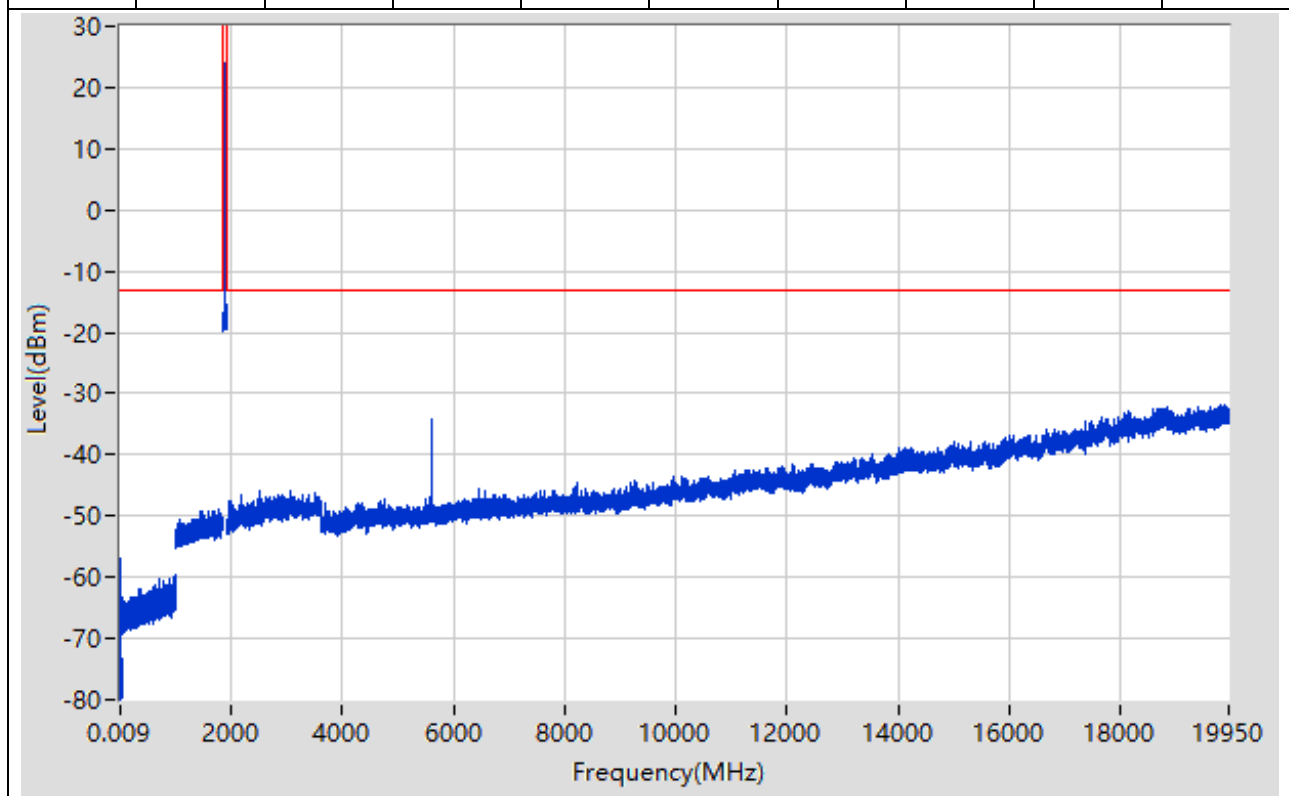
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.18	-13	43.18	Pass	401
0.15	30	0.01	RMS	0.15	-58.5	-13	45.5	Pass	2986
30	1000	0.1	RMS	772	-59.93	-13	46.93	Pass	9701
1000	1830	1	RMS	1816	-48.51	-13	35.51	Pass	831
1830	1935	1	RMS	1851.525	25.08	60	34.92	Pass	401
1935	3000	1	RMS	2884	-46	-13	33	Pass	1066
3000	19950	1	RMS	19853	-30.32	-13	17.32	Pass	16951



### 8.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:26365, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

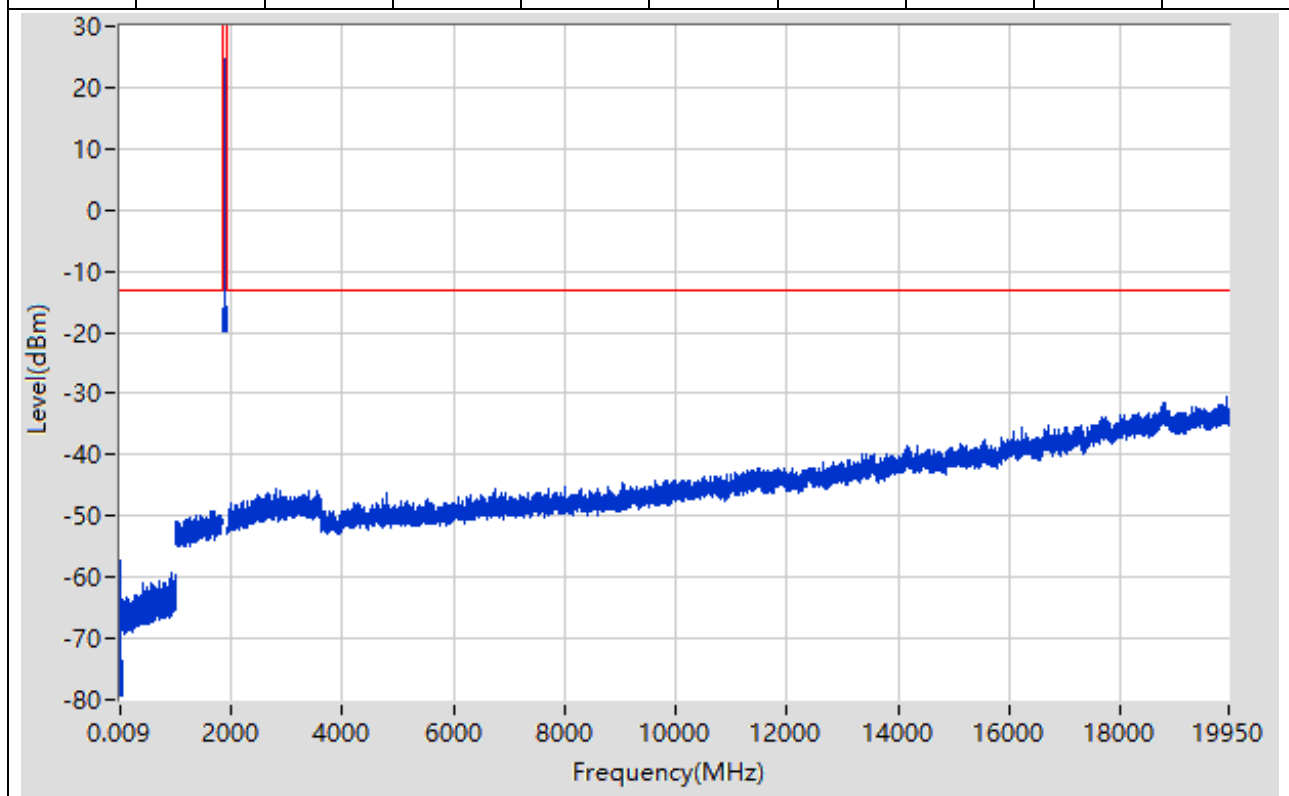
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.97	-13	43.97	Pass	401
0.15	30	0.01	RMS	0.15	-57.38	-13	44.38	Pass	2986
30	1000	0.1	RMS	991.2	-59.59	-13	46.59	Pass	9701
1000	1830	1	RMS	1779	-48.95	-13	35.95	Pass	831
1830	1935	1	RMS	1874.1	24.15	60	35.85	Pass	401
1935	3000	1	RMS	2495	-45.86	-13	32.86	Pass	1066
3000	19950	1	RMS	19818	-31.69	-13	18.69	Pass	16951



### 8.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:26365, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

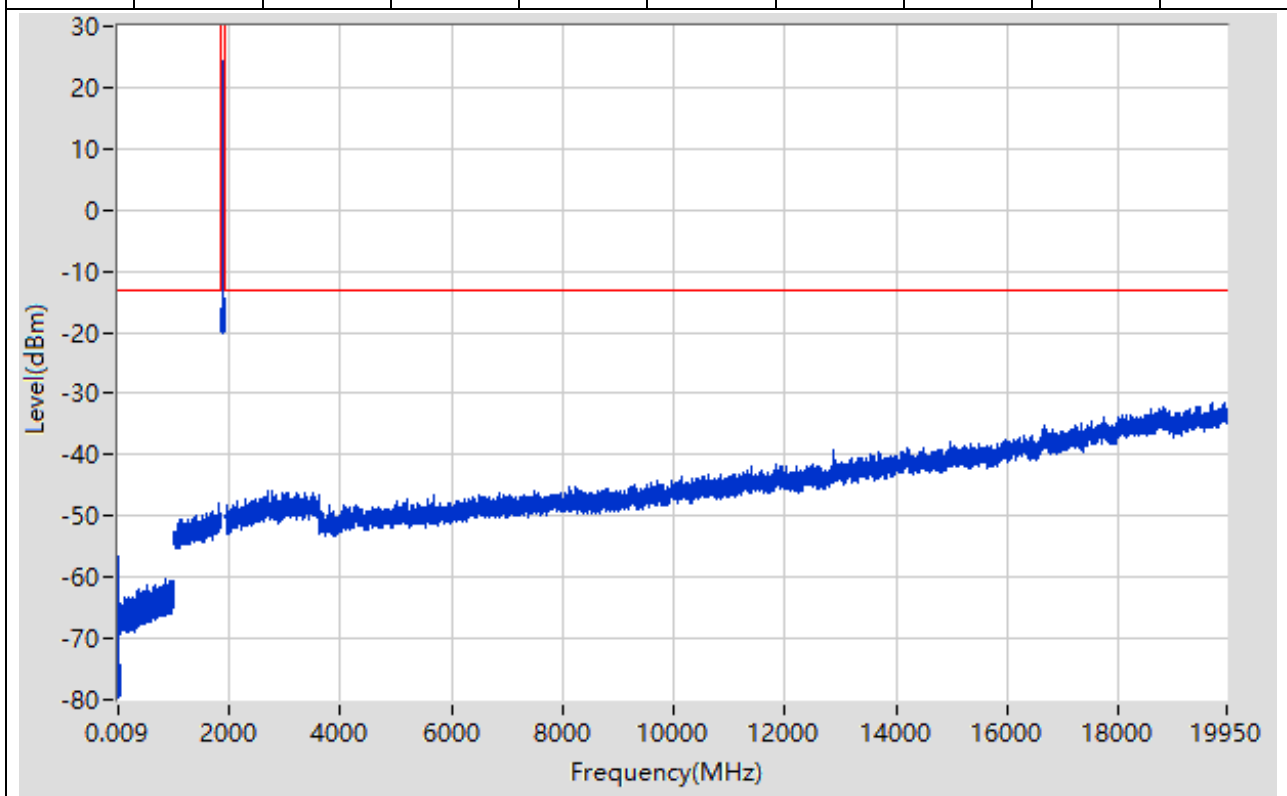
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.25	-13	44.25	Pass	401
0.15	30	0.01	RMS	0.16	-58.43	-13	45.43	Pass	2986
30	1000	0.1	RMS	939.8	-59.34	-13	46.34	Pass	9701
1000	1830	1	RMS	1637	-49.28	-13	36.28	Pass	831
1830	1935	1	RMS	1874.1	24.72	60	35.28	Pass	401
1935	3000	1	RMS	2798	-45.62	-13	32.62	Pass	1066
3000	19950	1	RMS	19927	-30.64	-13	17.64	Pass	16951



### 8.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:26590, 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	-56.57	-13	43.57	Pass	401
0.15	30	0.01	RMS	0.15	-56.65	-13	43.65	Pass	2986
30	1000	0.1	RMS	834.6	-60.42	-13	47.42	Pass	9701
1000	1830	1	RMS	1811	-48.02	-13	35.02	Pass	831
1830	1935	1	RMS	1897.2	24.25	60	35.75	Pass	401
1935	3000	1	RMS	2781	-46.02	-13	33.02	Pass	1066
3000	19950	1	RMS	19683	-31.4	-13	18.4	Pass	16951

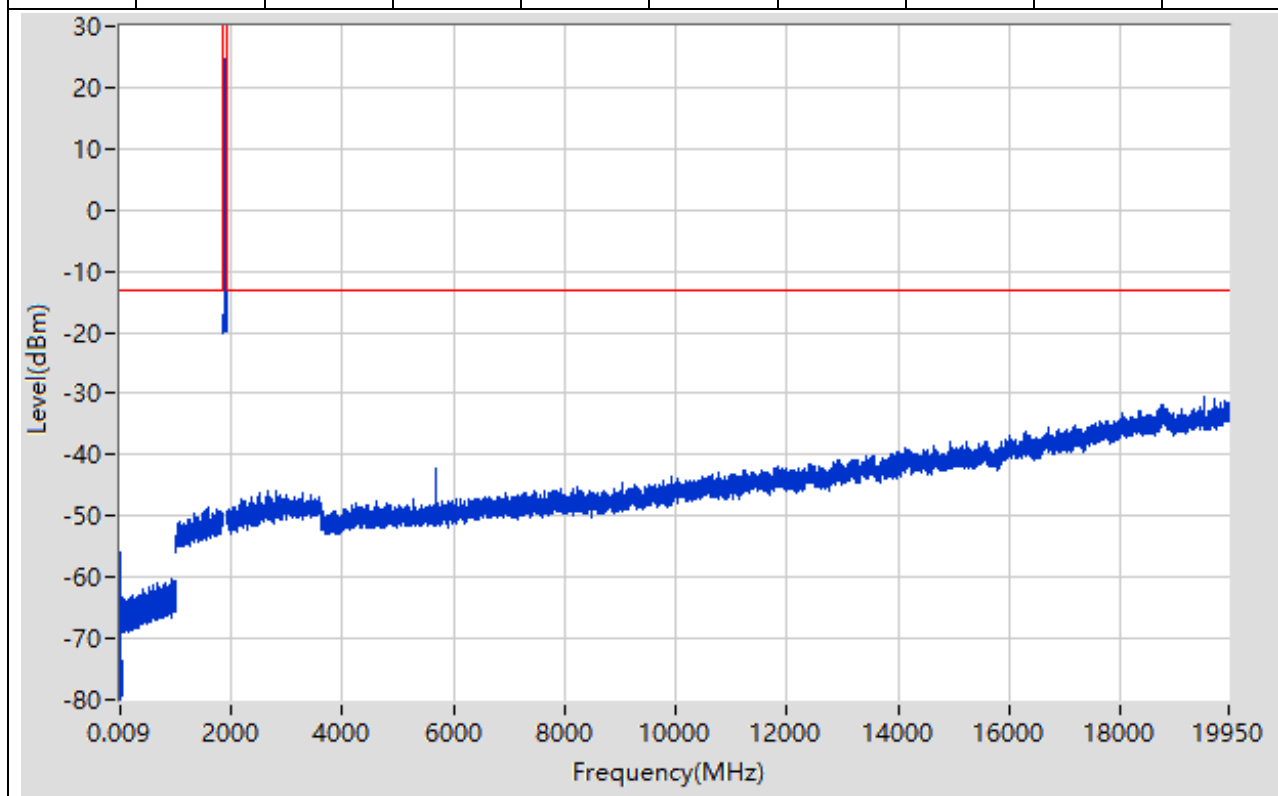




### 8.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:26590, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

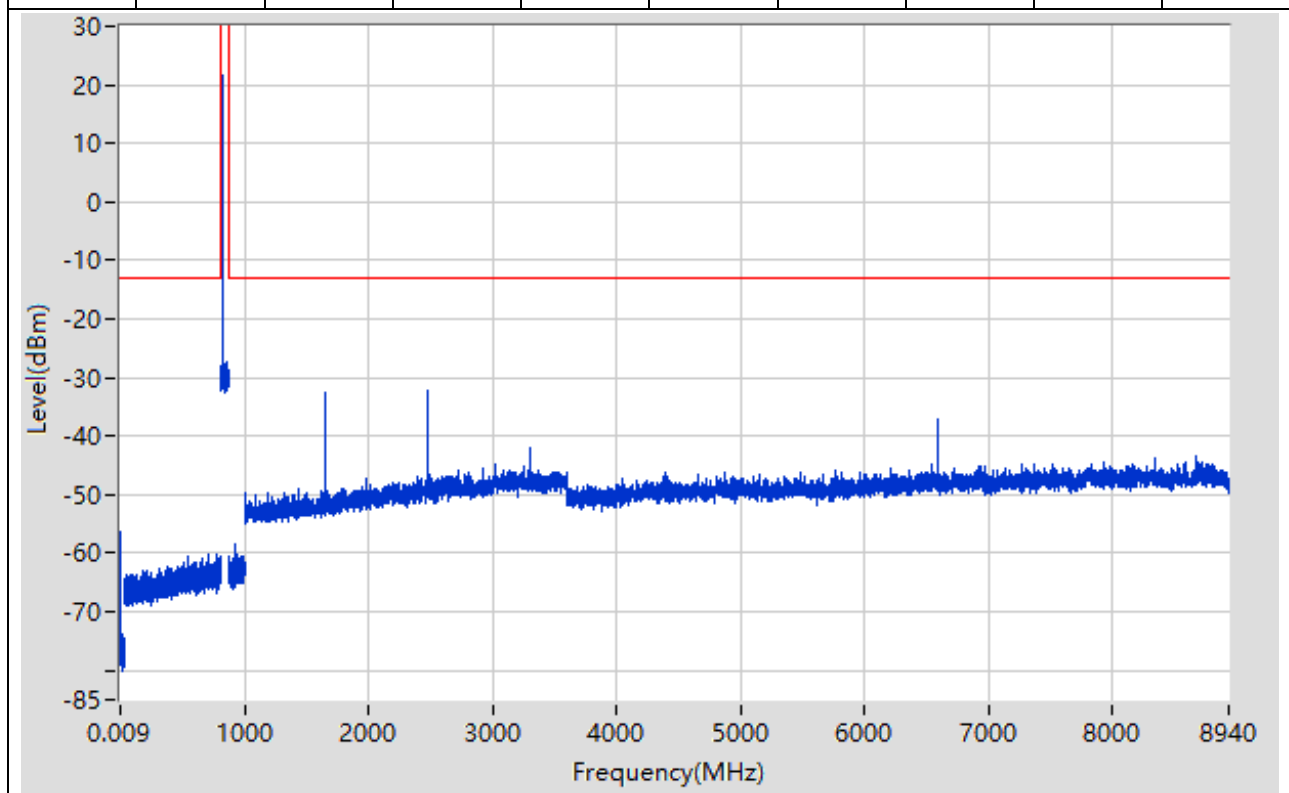
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.78	-13	42.78	Pass	401
0.15	30	0.01	RMS	0.17	-58.49	-13	45.49	Pass	2986
30	1000	0.1	RMS	933.1	-60.43	-13	47.43	Pass	9701
1000	1830	1	RMS	1575	-48.48	-13	35.48	Pass	831
1830	1935	1	RMS	1897.2	24.55	60	35.45	Pass	401
1935	3000	1	RMS	2818	-45.96	-13	32.96	Pass	1066
3000	19950	1	RMS	19495	-30.51	-13	17.51	Pass	16951



## 9. Cat-M\_Band26(part22)

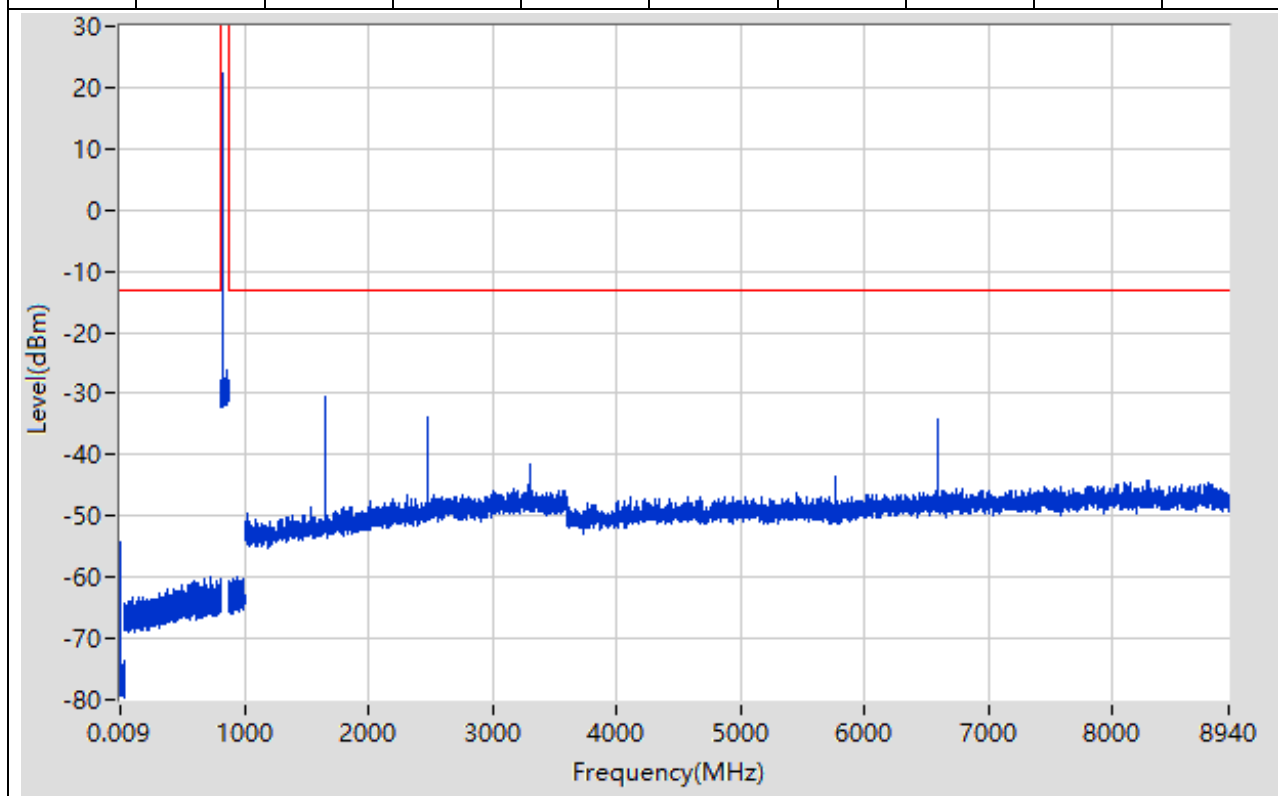
### 9.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:26815, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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	-56.27	-13	43.27	Pass	401
0.15	30	0.01	RMS	0.16	-56.76	-13	43.76	Pass	2986
30	804	0.1	RMS	770.4	-60.23	-13	47.23	Pass	7741
804	869	0.1	RMS	824.3	21.68	60	38.32	Pass	651
869	1000	0.1	RMS	929.6	-58.51	-13	45.51	Pass	1311
1000	3000	1	RMS	2473	-32.18	-13	19.18	Pass	2001
3000	8940	1	RMS	6595	-37.26	-13	24.26	Pass	5941



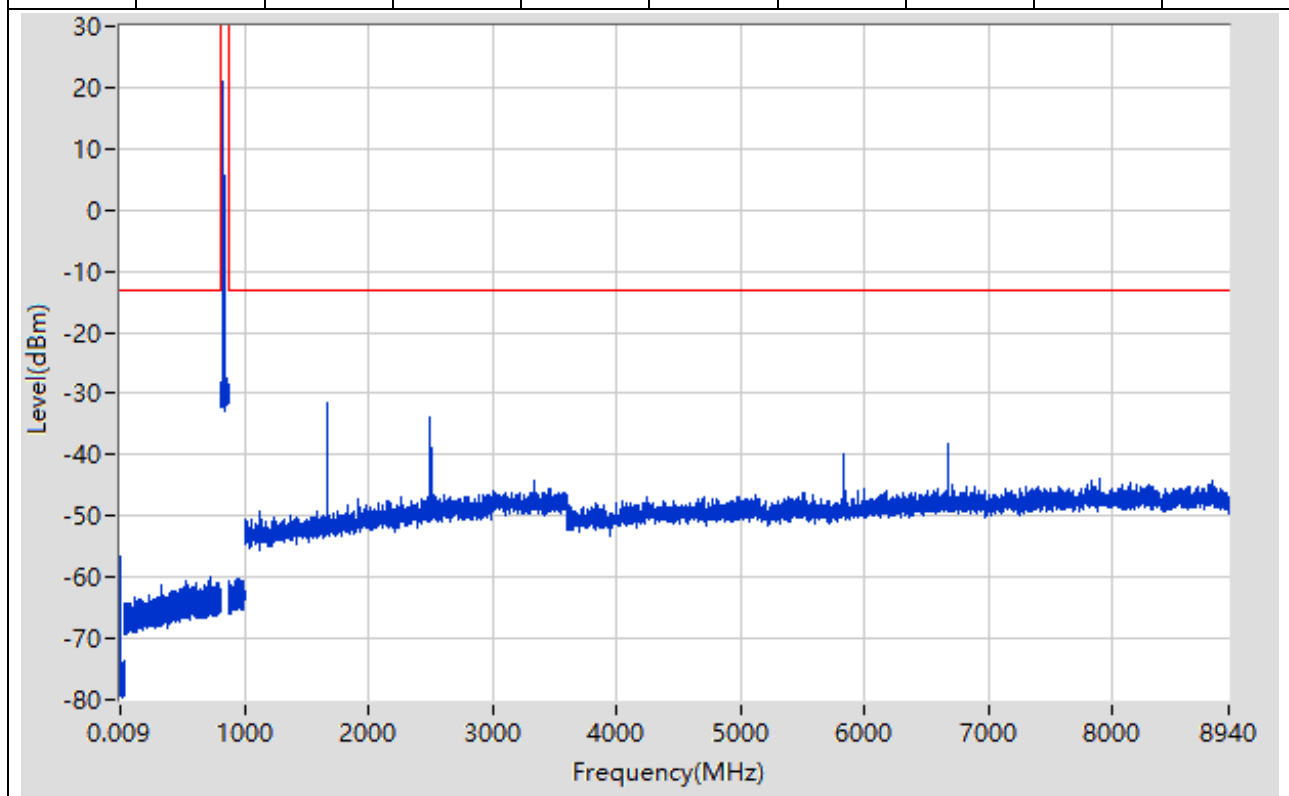
**9.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:26815, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.63	-13	44.63	Pass	401
0.15	30	0.01	RMS	0.15	-54.13	-13	41.13	Pass	2986
30	804	0.1	RMS	729	-60.07	-13	47.07	Pass	7741
804	869	0.1	RMS	824.3	22.31	60	37.69	Pass	651
869	1000	0.1	RMS	946.3	-60.09	-13	47.09	Pass	1311
1000	3000	1	RMS	1649	-30.59	-13	17.59	Pass	2001
3000	8940	1	RMS	6595	-34.36	-13	21.36	Pass	5941



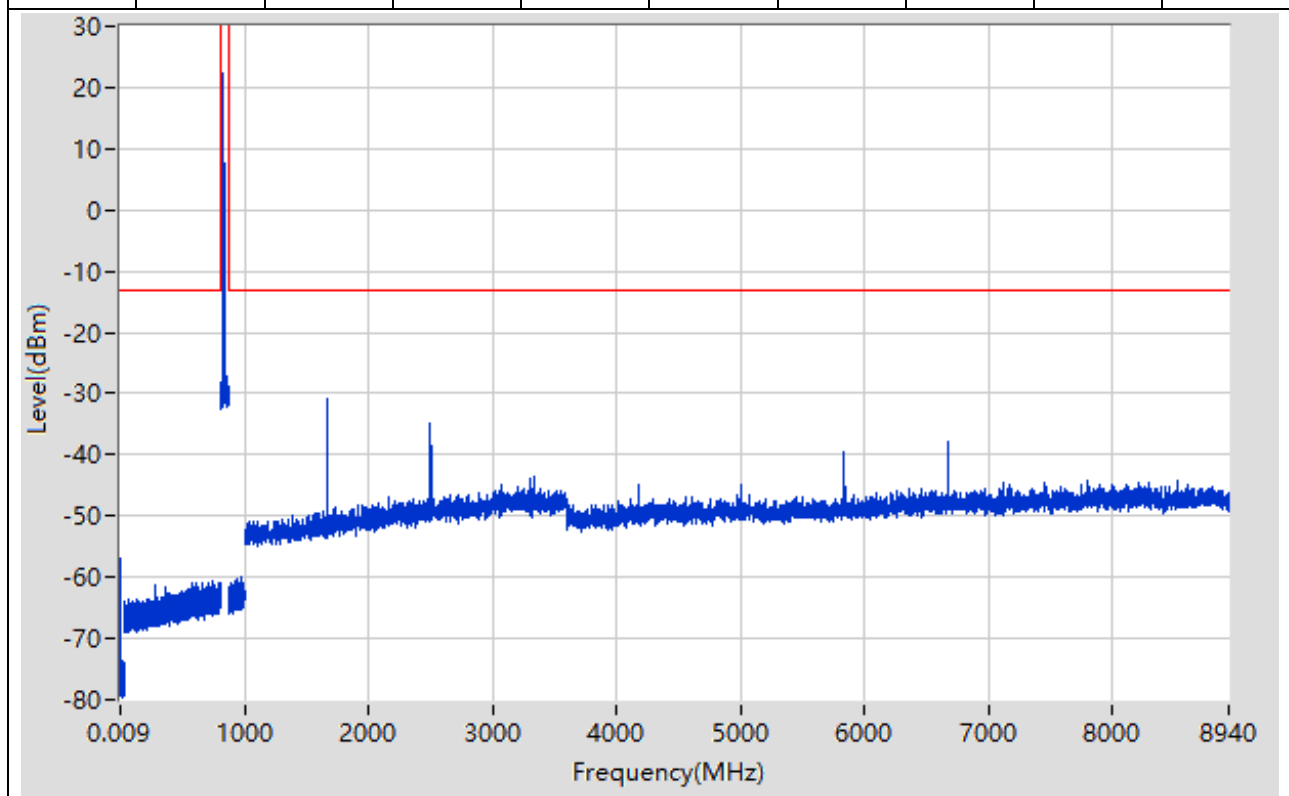
**9.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:26915, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-57.11	-13	44.11	Pass	401
0.15	30	0.01	RMS	0.15	-56.52	-13	43.52	Pass	2986
30	804	0.1	RMS	726	-60.05	-13	47.05	Pass	7741
804	869	0.1	RMS	834.3	20.89	60	39.11	Pass	651
869	1000	0.1	RMS	935.5	-60.19	-13	47.19	Pass	1311
1000	3000	1	RMS	1669	-31.46	-13	18.46	Pass	2001
3000	8940	1	RMS	6675	-38.11	-13	25.11	Pass	5941



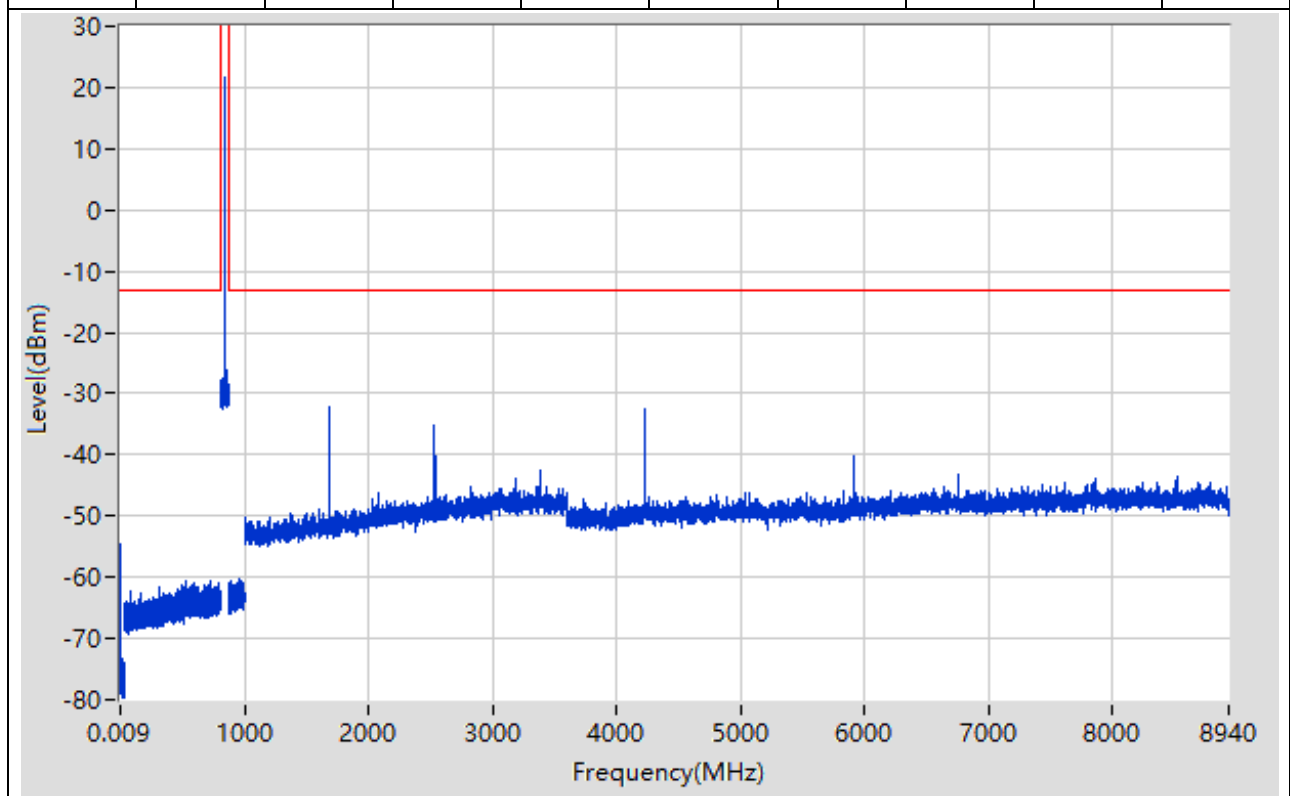
**9.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:26915, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.13	-13	44.13	Pass	401
0.15	30	0.01	RMS	0.15	-56.94	-13	43.94	Pass	2986
30	804	0.1	RMS	743.2	-60.45	-13	47.45	Pass	7741
804	869	0.1	RMS	834.3	22.45	60	37.55	Pass	651
869	1000	0.1	RMS	977.5	-60	-13	47	Pass	1311
1000	3000	1	RMS	1669	-30.77	-13	17.77	Pass	2001
3000	8940	1	RMS	6675	-37.8	-13	24.8	Pass	5941



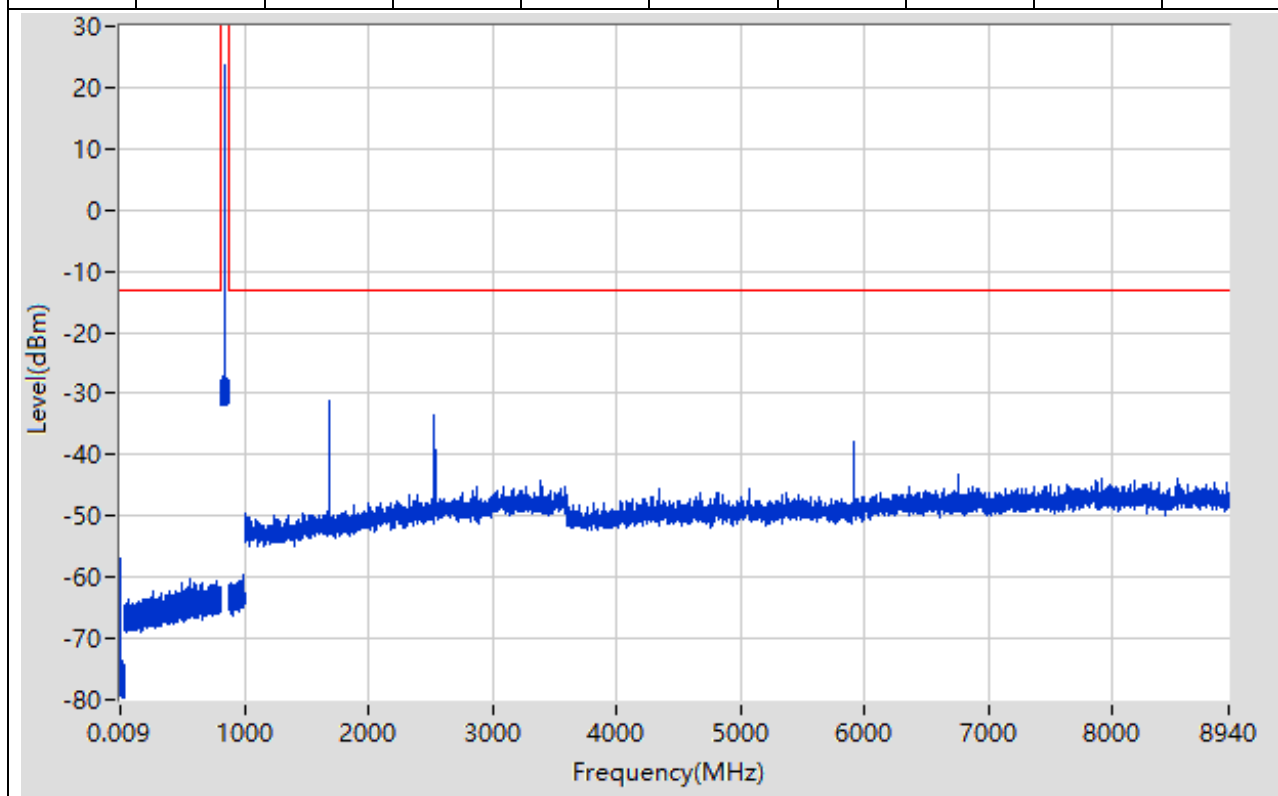
**9.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:27015, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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	-56.08	-13	43.08	Pass	401
0.15	30	0.01	RMS	0.15	-54.71	-13	41.71	Pass	2986
30	804	0.1	RMS	533.6	-60.54	-13	47.54	Pass	7741
804	869	0.1	RMS	845.2	21.48	60	38.52	Pass	651
869	1000	0.1	RMS	957.7	-60.36	-13	47.36	Pass	1311
1000	3000	1	RMS	1690	-32.12	-13	19.12	Pass	2001
3000	8940	1	RMS	4226	-32.65	-13	19.65	Pass	5941



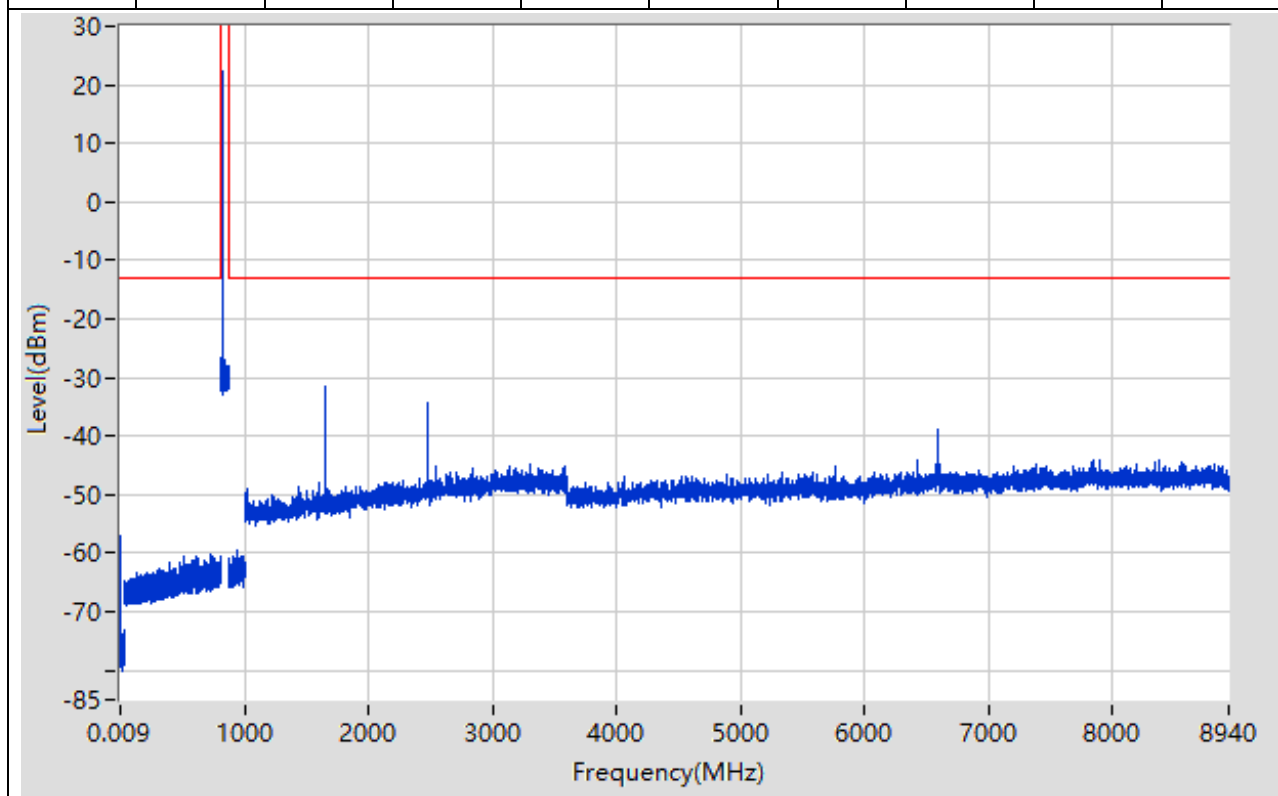
**9.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:27015, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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	-56.81	-13	43.81	Pass	401
0.15	30	0.01	RMS	0.15	-57.37	-13	44.37	Pass	2986
30	804	0.1	RMS	570	-60.22	-13	47.22	Pass	7741
804	869	0.1	RMS	845.2	23.6	60	36.4	Pass	651
869	1000	0.1	RMS	990.4	-59.68	-13	46.68	Pass	1311
1000	3000	1	RMS	1690	-31.16	-13	18.16	Pass	2001
3000	8940	1	RMS	5917	-37.72	-13	24.72	Pass	5941



**9.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:26840, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

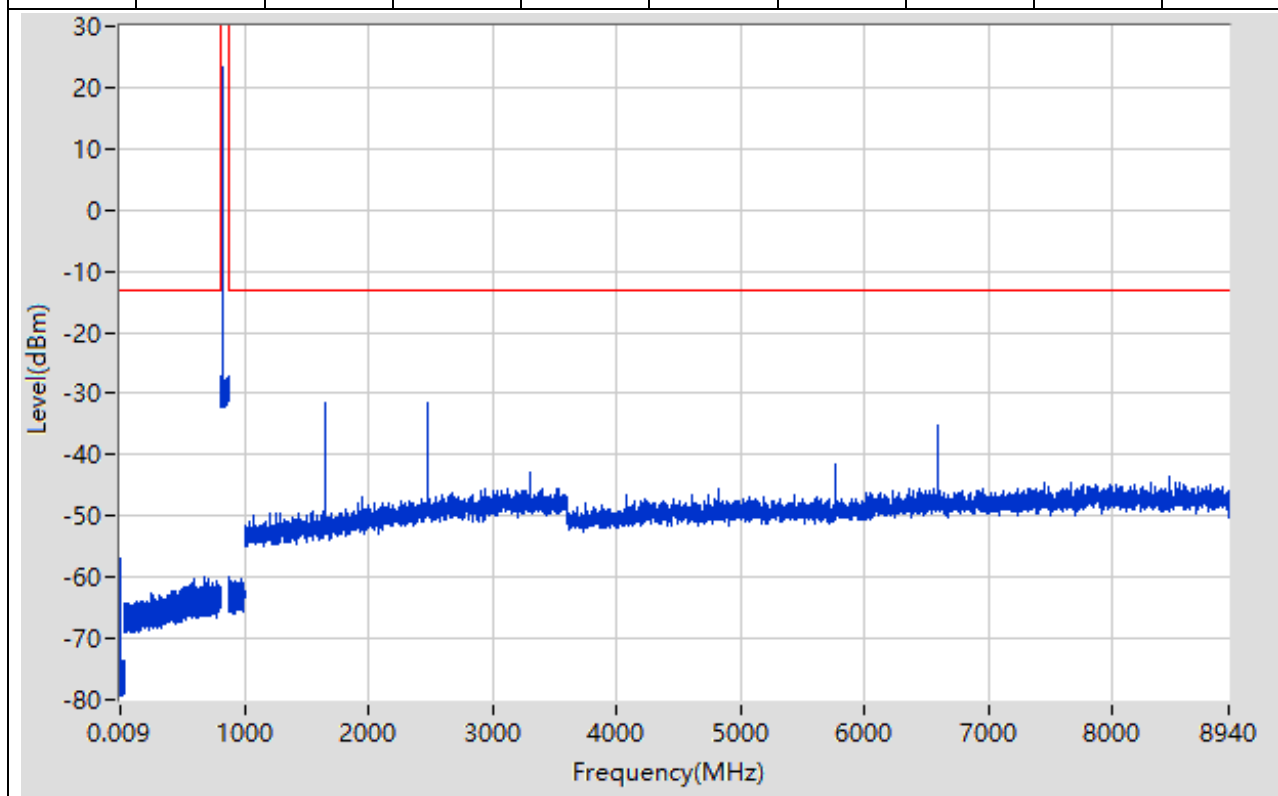
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.87	-13	43.87	Pass	401
0.15	30	0.01	RMS	0.15	-58.15	-13	45.15	Pass	2986
30	804	0.1	RMS	724	-60.27	-13	47.27	Pass	7741
804	869	0.1	RMS	824.7	22.32	60	37.68	Pass	651
869	1000	0.1	RMS	941.2	-59.38	-13	46.38	Pass	1311
1000	3000	1	RMS	1650	-31.37	-13	18.37	Pass	2001
3000	8940	1	RMS	6598	-38.99	-13	25.99	Pass	5941





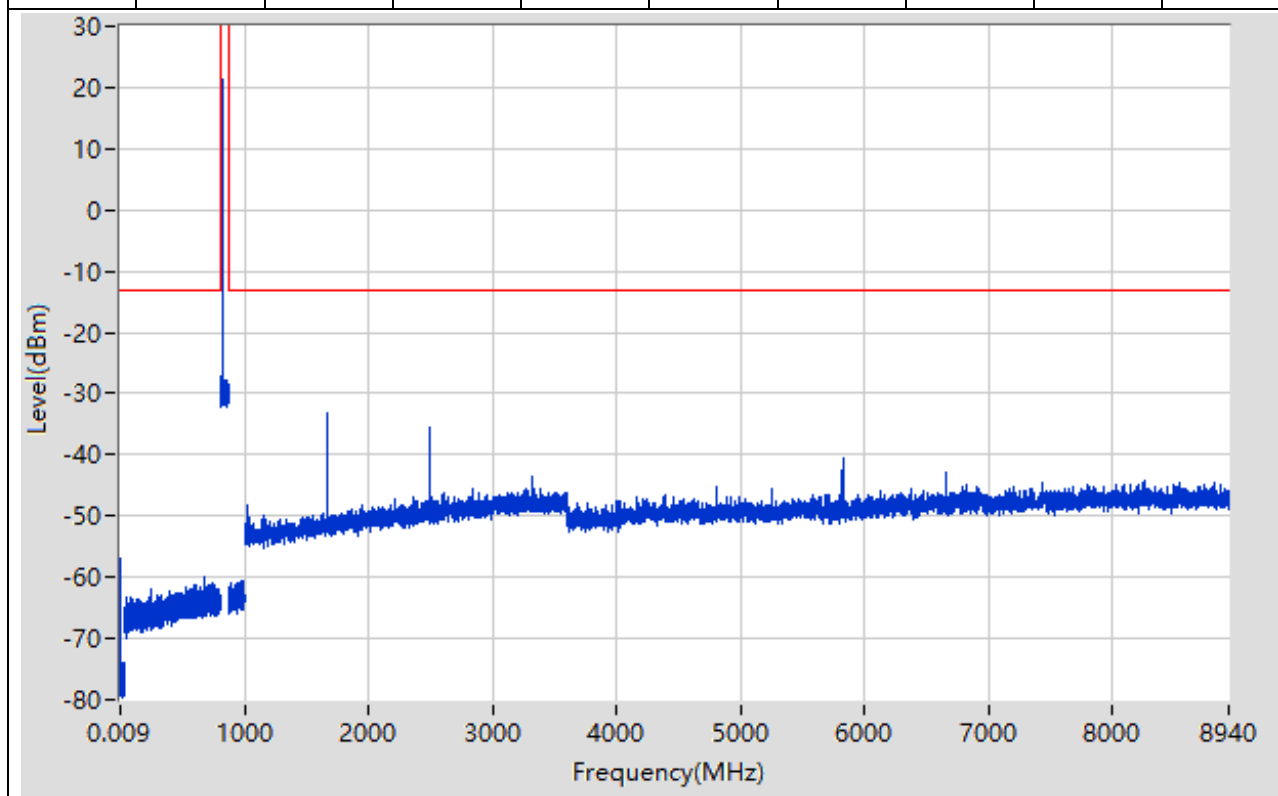
**9.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:26840, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	0.012	-57.18	-13	44.18	Pass	401
0.15	30	0.01	RMS	0.16	-56.88	-13	43.88	Pass	2986
30	804	0.1	RMS	681.2	-59.79	-13	46.79	Pass	7741
804	869	0.1	RMS	824.8	23.17	60	36.83	Pass	651
869	1000	0.1	RMS	882.7	-59.91	-13	46.91	Pass	1311
1000	3000	1	RMS	1649	-31.49	-13	18.49	Pass	2001
3000	8940	1	RMS	6598	-35.33	-13	22.33	Pass	5941



**9.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:26915, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

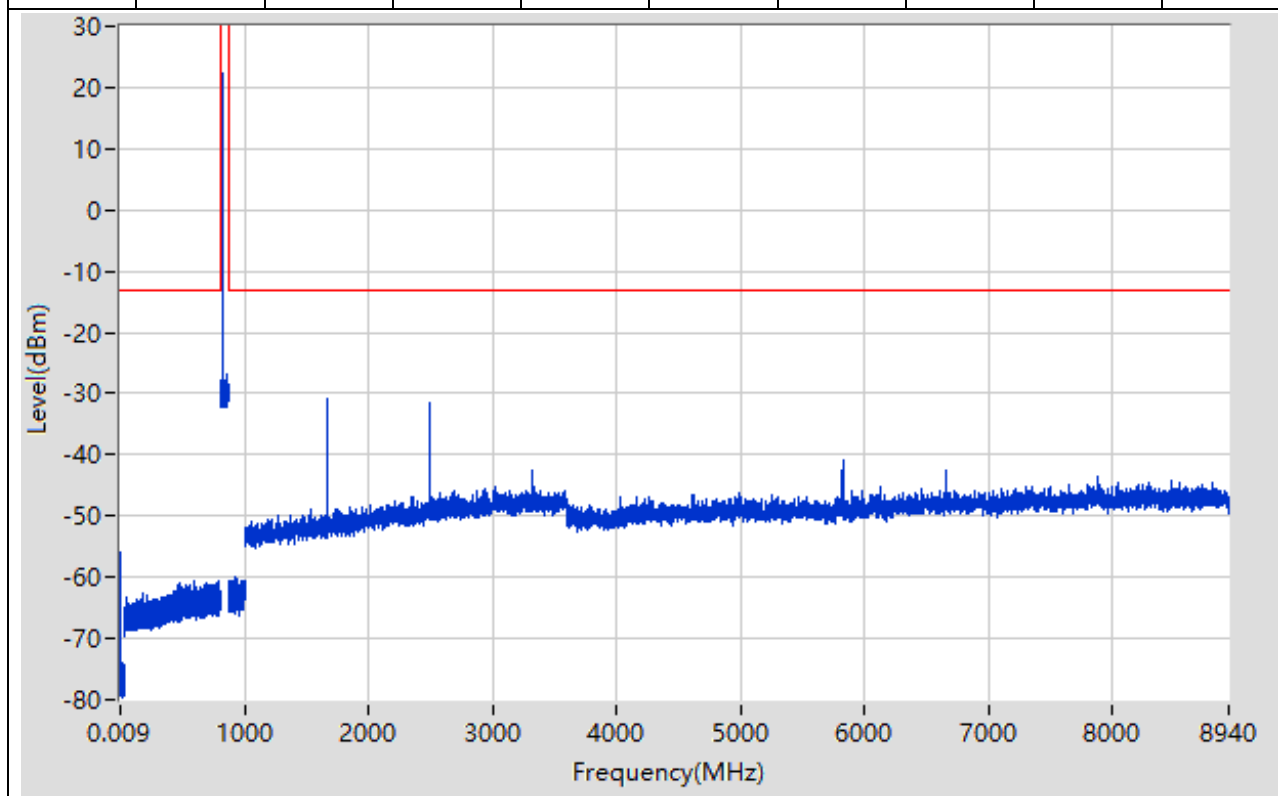
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.24	-13	44.24	Pass	401
0.15	30	0.01	RMS	0.15	-57.03	-13	44.03	Pass	2986
30	804	0.1	RMS	681.6	-59.94	-13	46.94	Pass	7741
804	869	0.1	RMS	832.2	21.33	60	38.67	Pass	651
869	1000	0.1	RMS	976.8	-60.52	-13	47.52	Pass	1311
1000	3000	1	RMS	1665	-33.1	-13	20.1	Pass	2001
3000	8940	1	RMS	5826	-40.41	-13	27.41	Pass	5941



### 9.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:26915, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

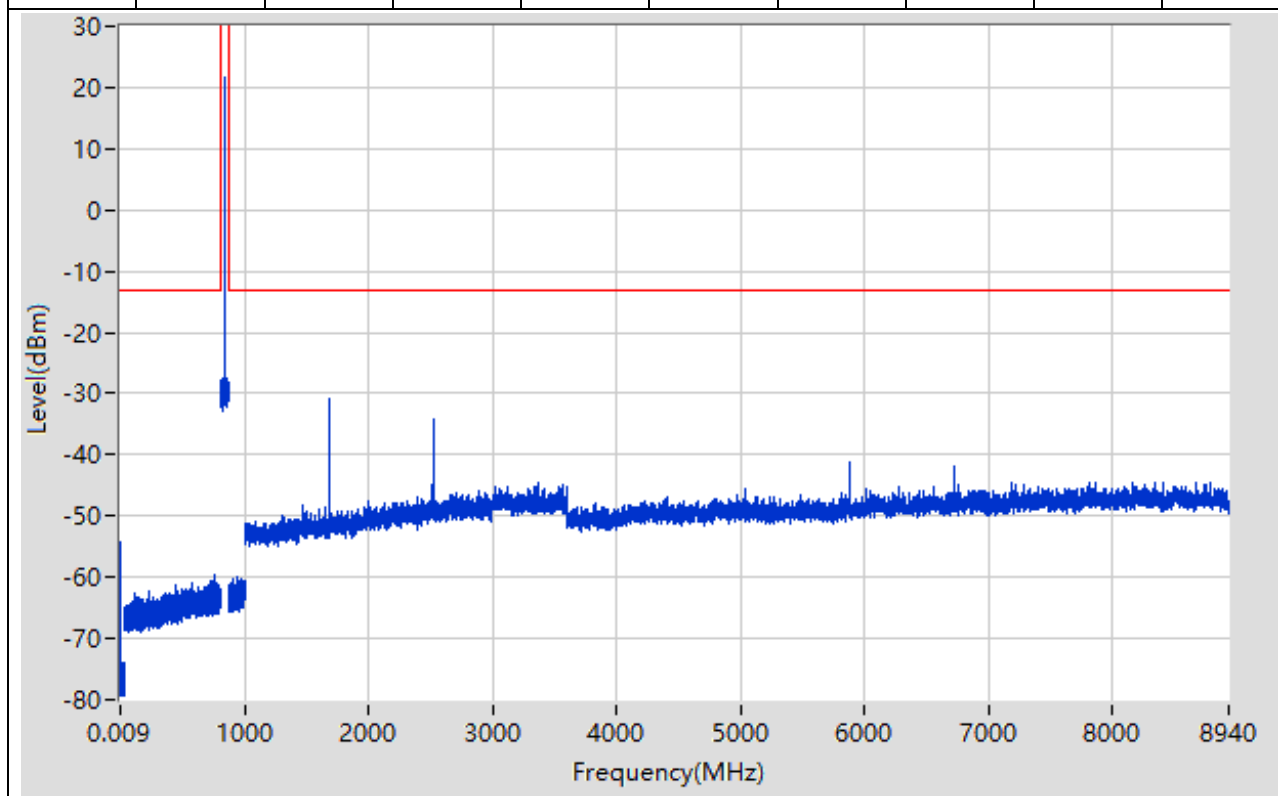
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.79	-13	42.79	Pass	401
0.15	30	0.01	RMS	0.16	-56.53	-13	43.53	Pass	2986
30	804	0.1	RMS	594.5	-60.72	-13	47.72	Pass	7741
804	869	0.1	RMS	832.2	22.37	60	37.63	Pass	651
869	1000	0.1	RMS	925.6	-59.9	-13	46.9	Pass	1311
1000	3000	1	RMS	1664	-30.92	-13	17.92	Pass	2001
3000	8940	1	RMS	5826	-40.9	-13	27.9	Pass	5941



### 9.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:26990, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

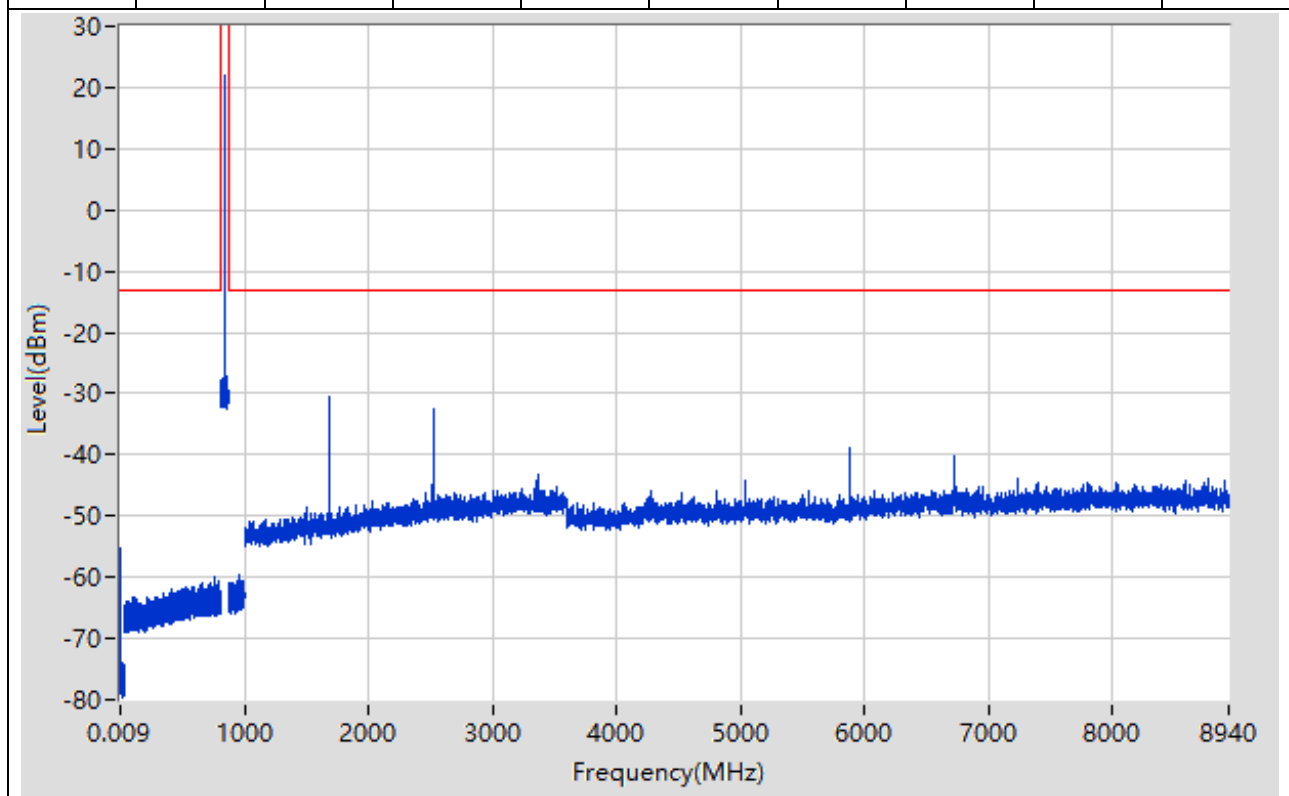
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.08	-13	43.08	Pass	401
0.15	30	0.01	RMS	0.15	-54.23	-13	41.23	Pass	2986
30	804	0.1	RMS	759.9	-59.55	-13	46.55	Pass	7741
804	869	0.1	RMS	840.6	21.5	60	38.5	Pass	651
869	1000	0.1	RMS	946.5	-60.06	-13	47.06	Pass	1311
1000	3000	1	RMS	1681	-30.69	-13	17.69	Pass	2001
3000	8940	1	RMS	5885	-41.18	-13	28.18	Pass	5941



### 9.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:26990, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

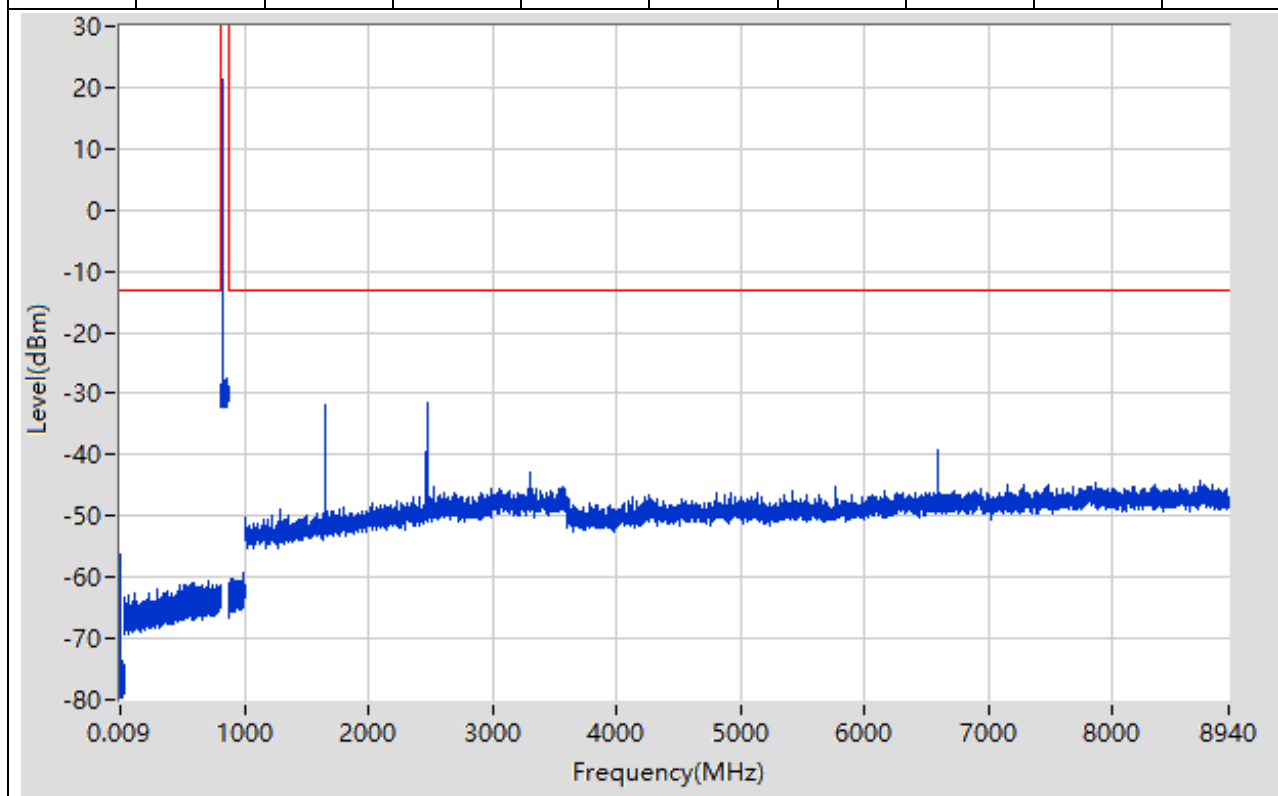
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.34	-13	42.34	Pass	401
0.15	30	0.01	RMS	0.16	-56.18	-13	43.18	Pass	2986
30	804	0.1	RMS	765.4	-59.85	-13	46.85	Pass	7741
804	869	0.1	RMS	840.6	21.9	60	38.1	Pass	651
869	1000	0.1	RMS	964.8	-59.7	-13	46.7	Pass	1311
1000	3000	1	RMS	1681	-30.62	-13	17.62	Pass	2001
3000	8940	1	RMS	5885	-38.99	-13	25.99	Pass	5941



### 9.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:26865, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

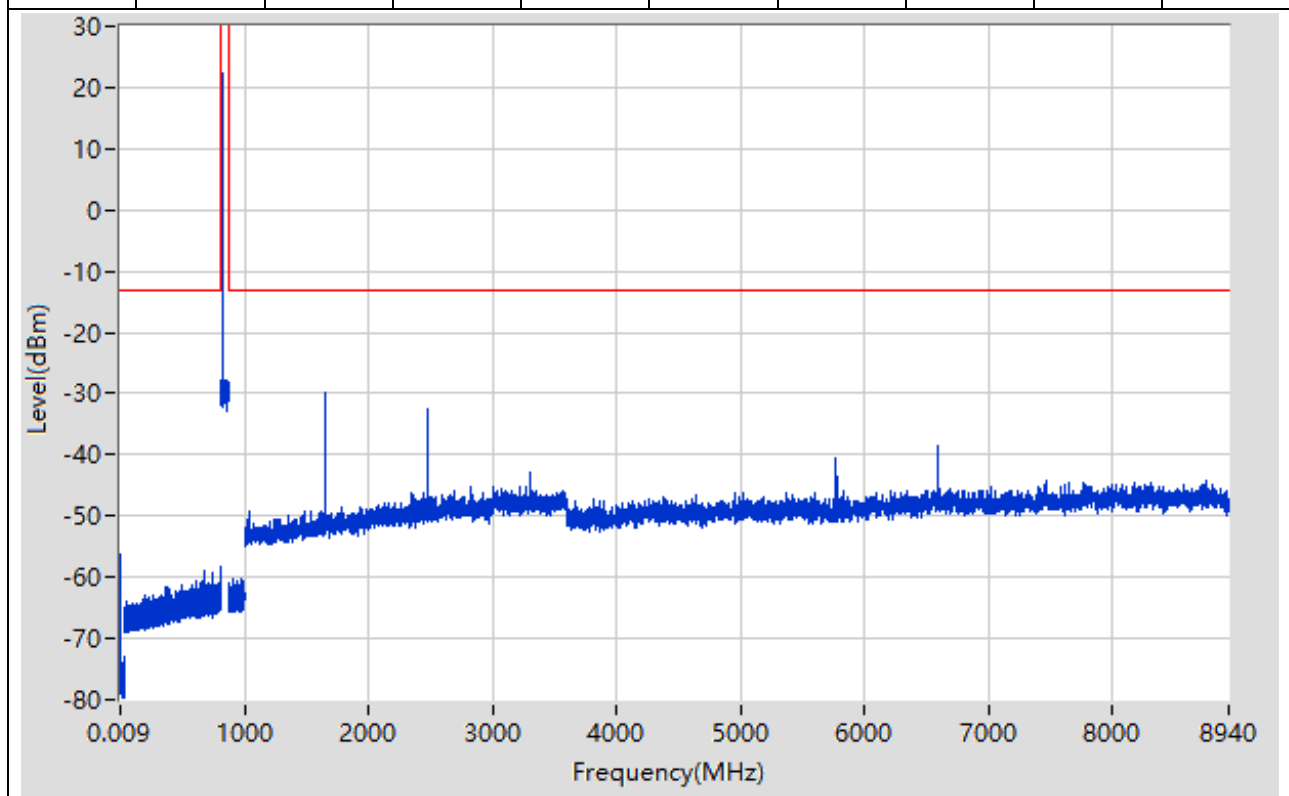
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-56.56	-13	43.56	Pass	401
0.15	30	0.01	RMS	0.15	-56.12	-13	43.12	Pass	2986
30	804	0.1	RMS	709.7	-60.53	-13	47.53	Pass	7741
804	869	0.1	RMS	825	21.33	60	38.67	Pass	651
869	1000	0.1	RMS	994.4	-59.41	-13	46.41	Pass	1311
1000	3000	1	RMS	2475	-31.54	-13	18.54	Pass	2001
3000	8940	1	RMS	6600	-39.24	-13	26.24	Pass	5941



### 9.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:26865, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

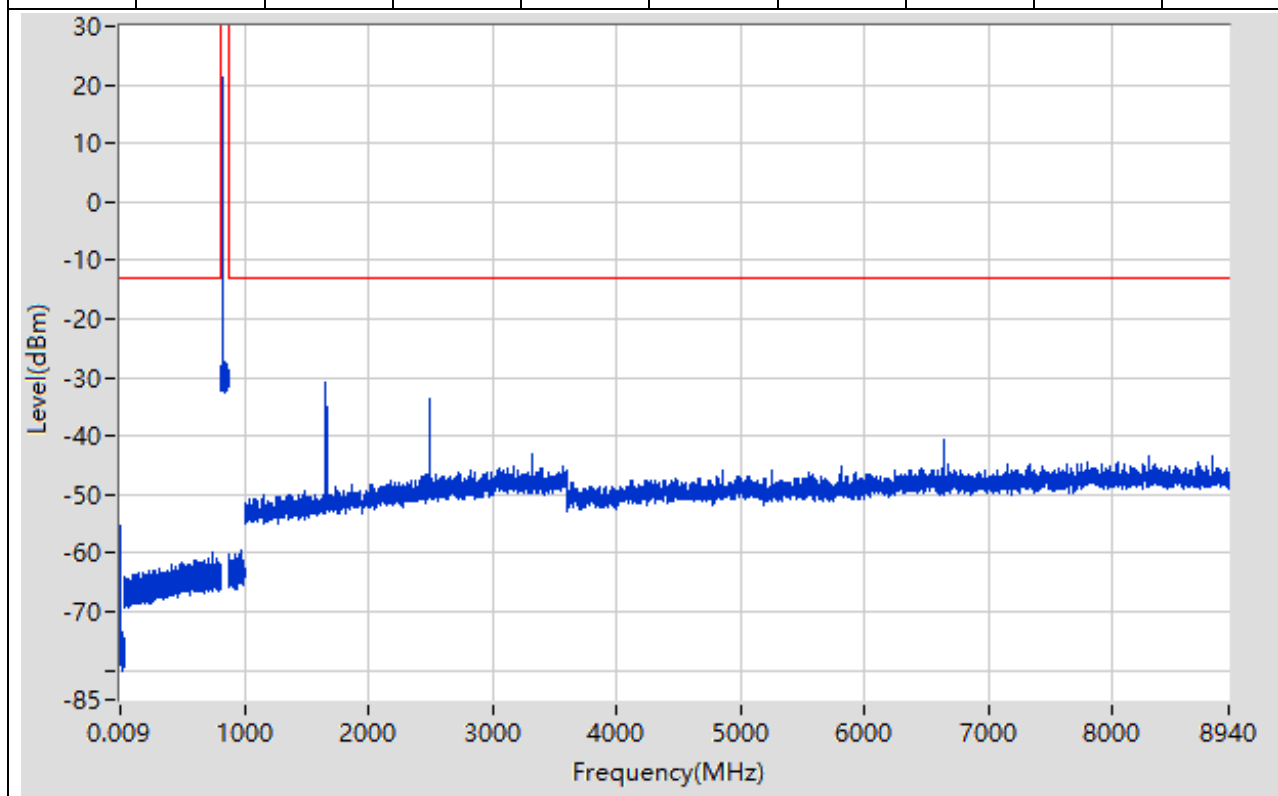
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-56.93	-13	43.93	Pass	401
0.15	30	0.01	RMS	0.15	-56.21	-13	43.21	Pass	2986
30	804	0.1	RMS	802.5	-58.21	-13	45.21	Pass	7741
804	869	0.1	RMS	825	22.36	60	37.64	Pass	651
869	1000	0.1	RMS	967.8	-60.21	-13	47.21	Pass	1311
1000	3000	1	RMS	1650	-30.01	-13	17.01	Pass	2001
3000	8940	1	RMS	6600	-38.57	-13	25.57	Pass	5941



### 9.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:26915, 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	0.011	-56.28	-13	43.28	Pass	401
0.15	30	0.01	RMS	0.15	-55.28	-13	42.28	Pass	2986
30	804	0.1	RMS	737.3	-59.76	-13	46.76	Pass	7741
804	869	0.1	RMS	830	21.43	60	38.57	Pass	651
869	1000	0.1	RMS	973.8	-59.48	-13	46.48	Pass	1311
1000	3000	1	RMS	1660	-30.95	-13	17.95	Pass	2001
3000	8940	1	RMS	6640	-40.62	-13	27.62	Pass	5941

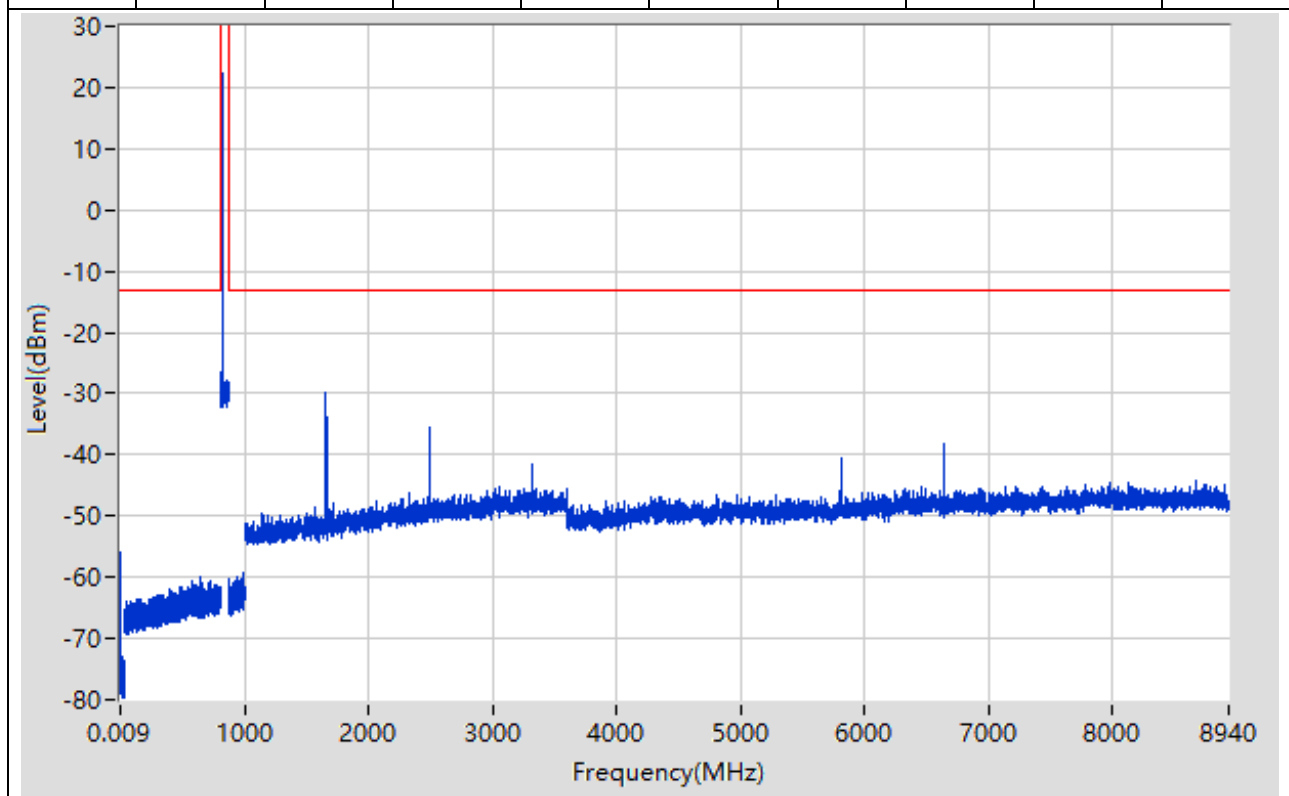




### 9.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:26915, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

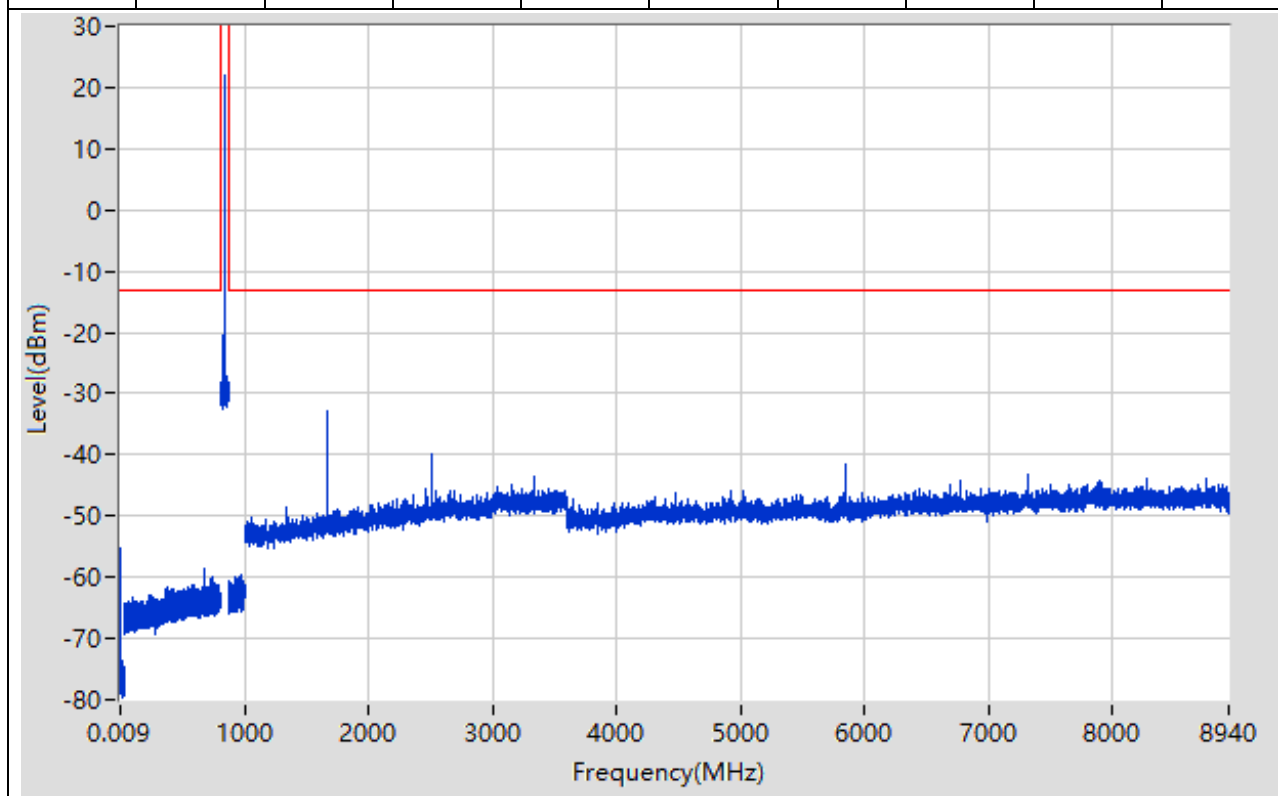
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.65	-13	44.65	Pass	401
0.15	30	0.01	RMS	0.16	-56.01	-13	43.01	Pass	2986
30	804	0.1	RMS	649.8	-59.88	-13	46.88	Pass	7741
804	869	0.1	RMS	830	22.18	60	37.82	Pass	651
869	1000	0.1	RMS	992.1	-59.13	-13	46.13	Pass	1311
1000	3000	1	RMS	1660	-29.75	-13	16.75	Pass	2001
3000	8940	1	RMS	6640	-38.26	-13	25.26	Pass	5941



### 9.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:26965, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

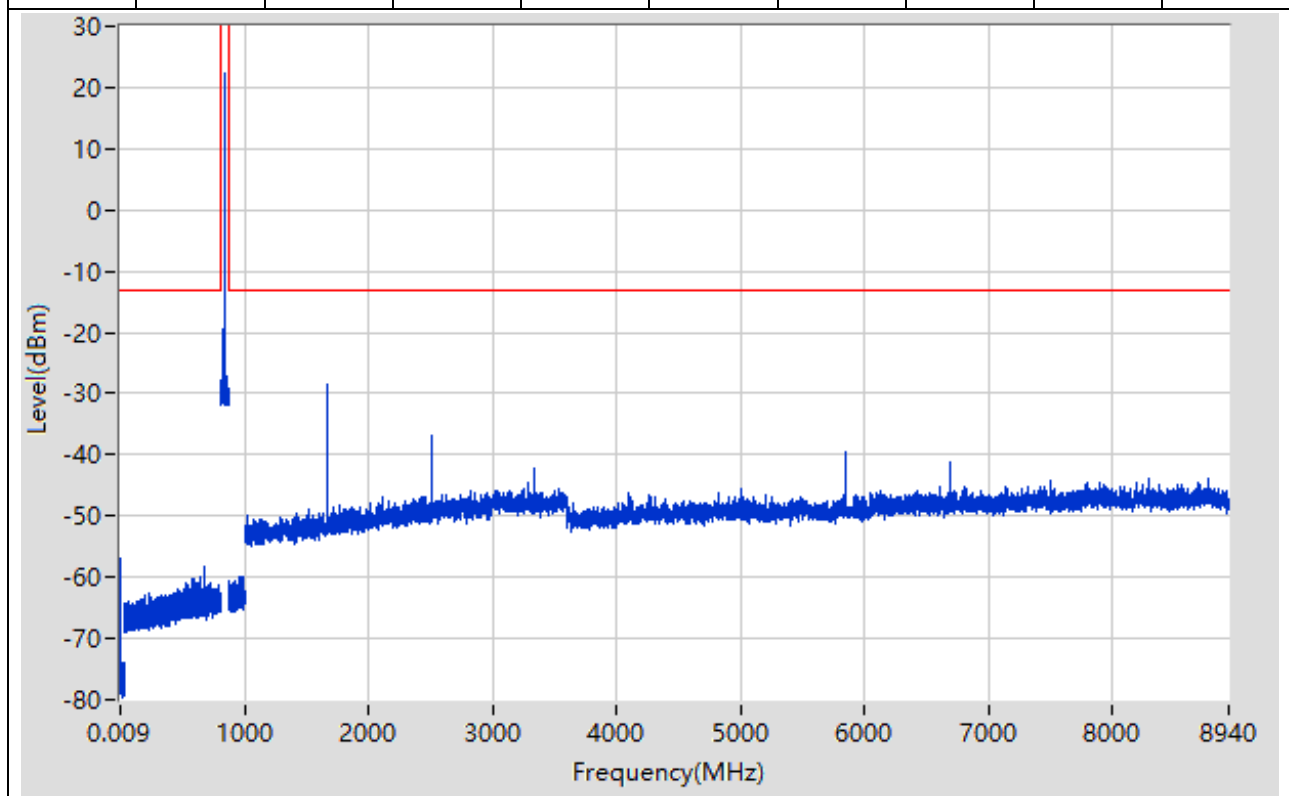
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-55.33	-13	42.33	Pass	401
0.15	30	0.01	RMS	0.15	-56.21	-13	43.21	Pass	2986
30	804	0.1	RMS	681.5	-58.76	-13	45.76	Pass	7741
804	869	0.1	RMS	835.9	22.04	60	37.96	Pass	651
869	1000	0.1	RMS	975.4	-59.55	-13	46.55	Pass	1311
1000	3000	1	RMS	1672	-32.84	-13	19.84	Pass	2001
3000	8940	1	RMS	5852	-41.6	-13	28.6	Pass	5941



### 9.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:26965, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

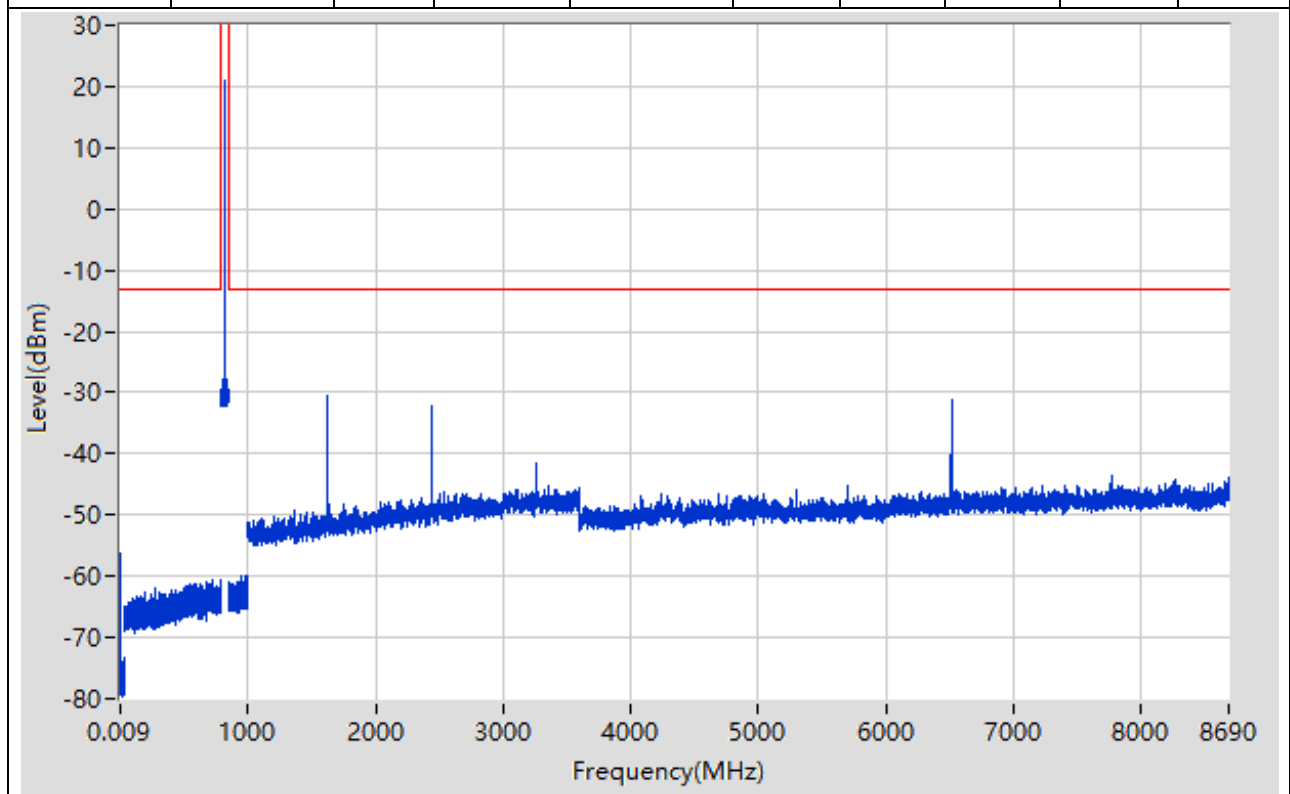
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57	-13	44	Pass	401
0.15	30	0.01	RMS	0.15	-57.37	-13	44.37	Pass	2986
30	804	0.1	RMS	681.3	-58.24	-13	45.24	Pass	7741
804	869	0.1	RMS	835.9	22.33	60	37.67	Pass	651
869	1000	0.1	RMS	959.8	-59.95	-13	46.95	Pass	1311
1000	3000	1	RMS	1672	-28.54	-13	15.54	Pass	2001
3000	8940	1	RMS	5851	-39.47	-13	26.47	Pass	5941



## 10. Cat-M\_Band26(part90)

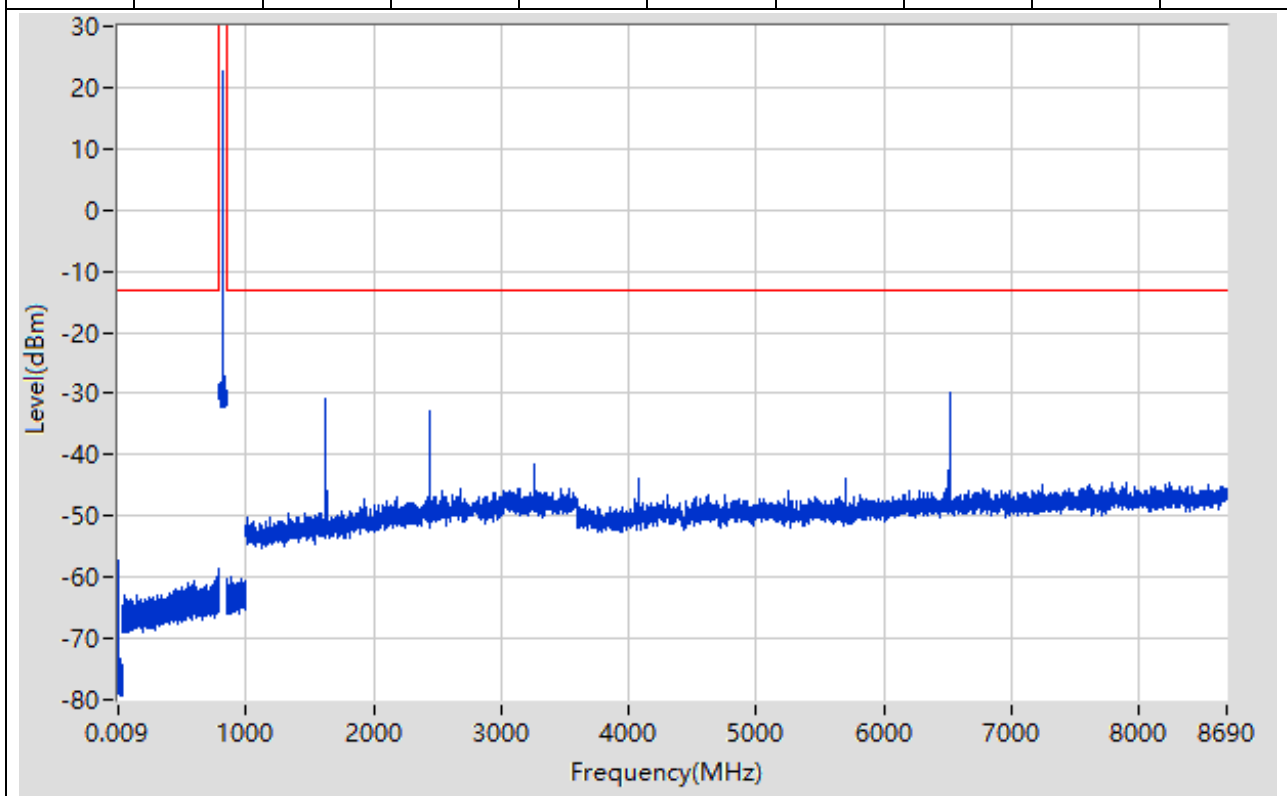
### 10.1. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:1, Channel:26715, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

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	-56.38	-13	43.38	Pass	401
0.15	30	0.01	RMS	0.15	-57.86	-13	44.86	Pass	2986
30	794	0.1	RMS	793.9	-60.52	-13	47.52	Pass	7641
794	844	0.1	RMS	814.3	21.11	60	38.89	Pass	501
844	1000	0.1	RMS	974.3	-60.02	-13	47.02	Pass	1561
1000	3000	1	RMS	1629	-30.58	-13	17.58	Pass	2001
3000	8690	1	RMS	6515	-31.19	-13	18.19	Pass	5691



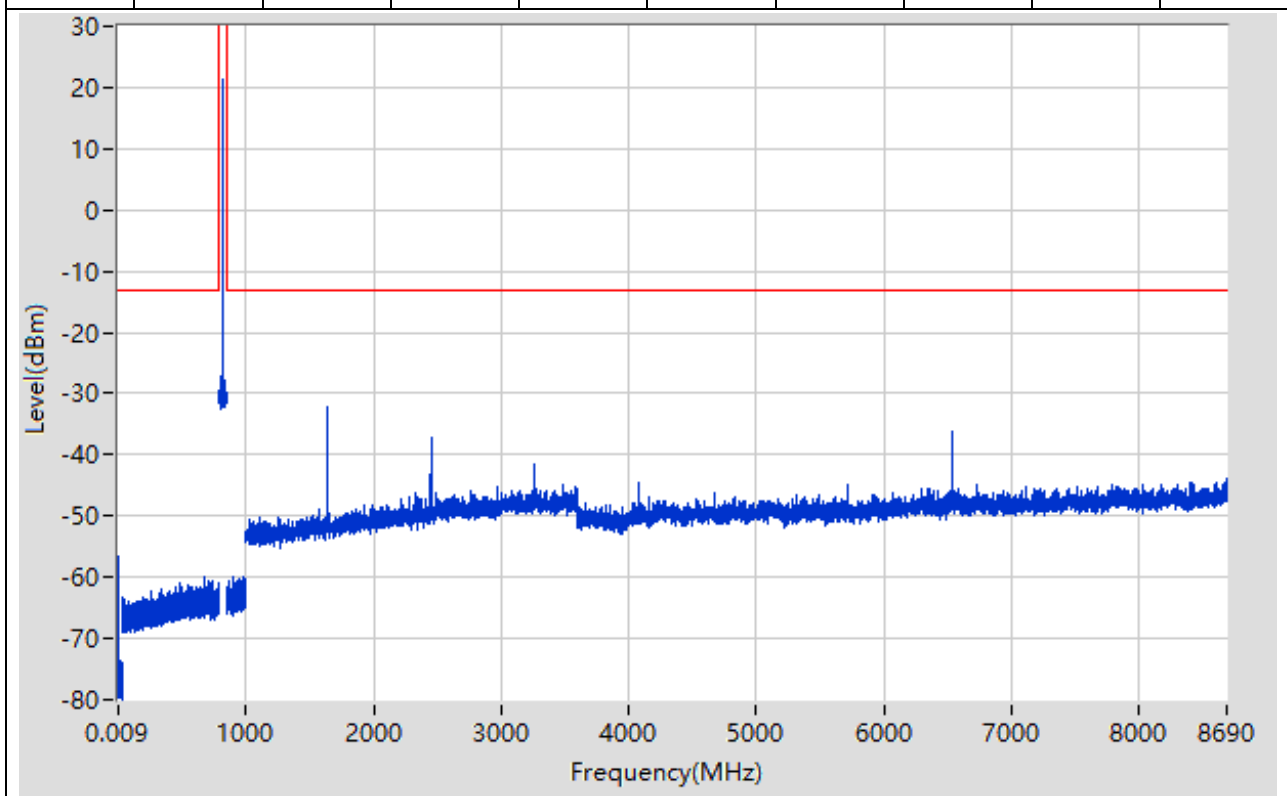
**10.2. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:2, Channel:26715, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.3	-13	44.3	Pass	401
0.15	30	0.01	RMS	0.15	-57.15	-13	44.15	Pass	2986
30	794	0.1	RMS	792.5	-58.69	-13	45.69	Pass	7641
794	844	0.1	RMS	814.3	22.63	60	37.37	Pass	501
844	1000	0.1	RMS	878.3	-60.07	-13	47.07	Pass	1561
1000	3000	1	RMS	1629	-30.72	-13	17.72	Pass	2001
3000	8690	1	RMS	6515	-29.9	-13	16.9	Pass	5691



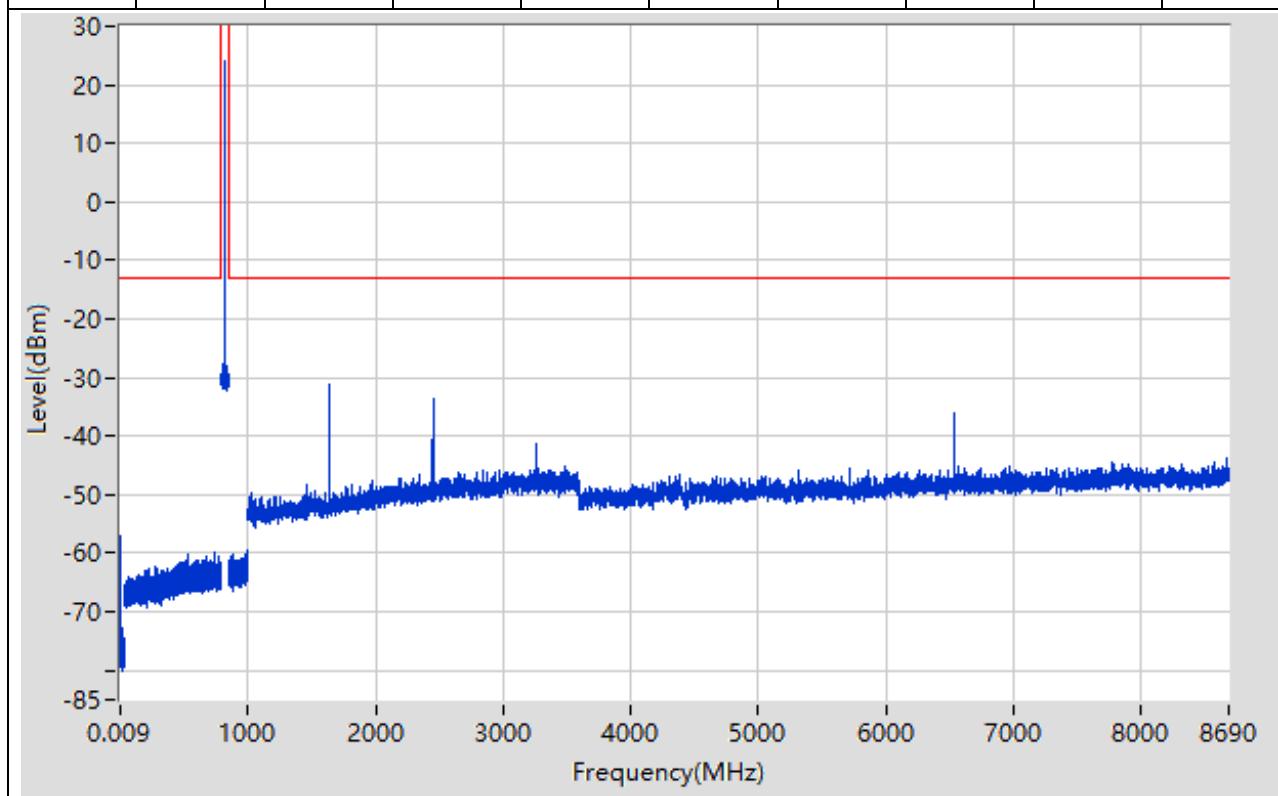
**10.3. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:3, Channel:26740, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-56.7	-13	43.7	Pass	401
0.15	30	0.01	RMS	0.17	-57.61	-13	44.61	Pass	2986
30	794	0.1	RMS	681.1	-60.09	-13	47.09	Pass	7641
794	844	0.1	RMS	816.8	21.39	60	38.61	Pass	501
844	1000	0.1	RMS	902.8	-59.88	-13	46.88	Pass	1561
1000	3000	1	RMS	1634	-32.32	-13	19.32	Pass	2001
3000	8690	1	RMS	6535	-36.26	-13	23.26	Pass	5691



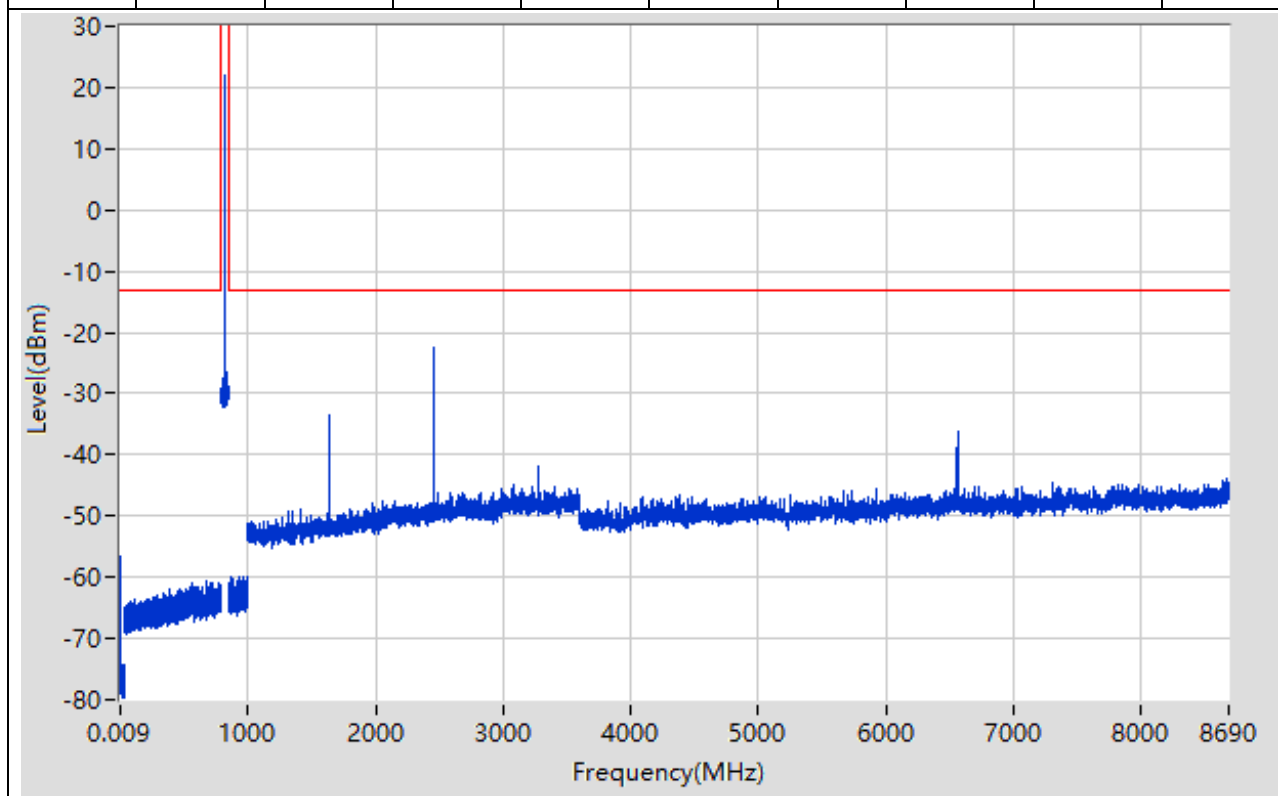
**10.4. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:4, Channel:26740, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.18	-13	44.18	Pass	401
0.15	30	0.01	RMS	0.17	-56.97	-13	43.97	Pass	2986
30	794	0.1	RMS	736.2	-59.86	-13	46.86	Pass	7641
794	844	0.1	RMS	816.8	24.02	60	35.98	Pass	501
844	1000	0.1	RMS	992.7	-59.57	-13	46.57	Pass	1561
1000	3000	1	RMS	1634	-31.11	-13	18.11	Pass	2001
3000	8690	1	RMS	6535	-36.05	-13	23.05	Pass	5691



**10.5. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:5, Channel:26765, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

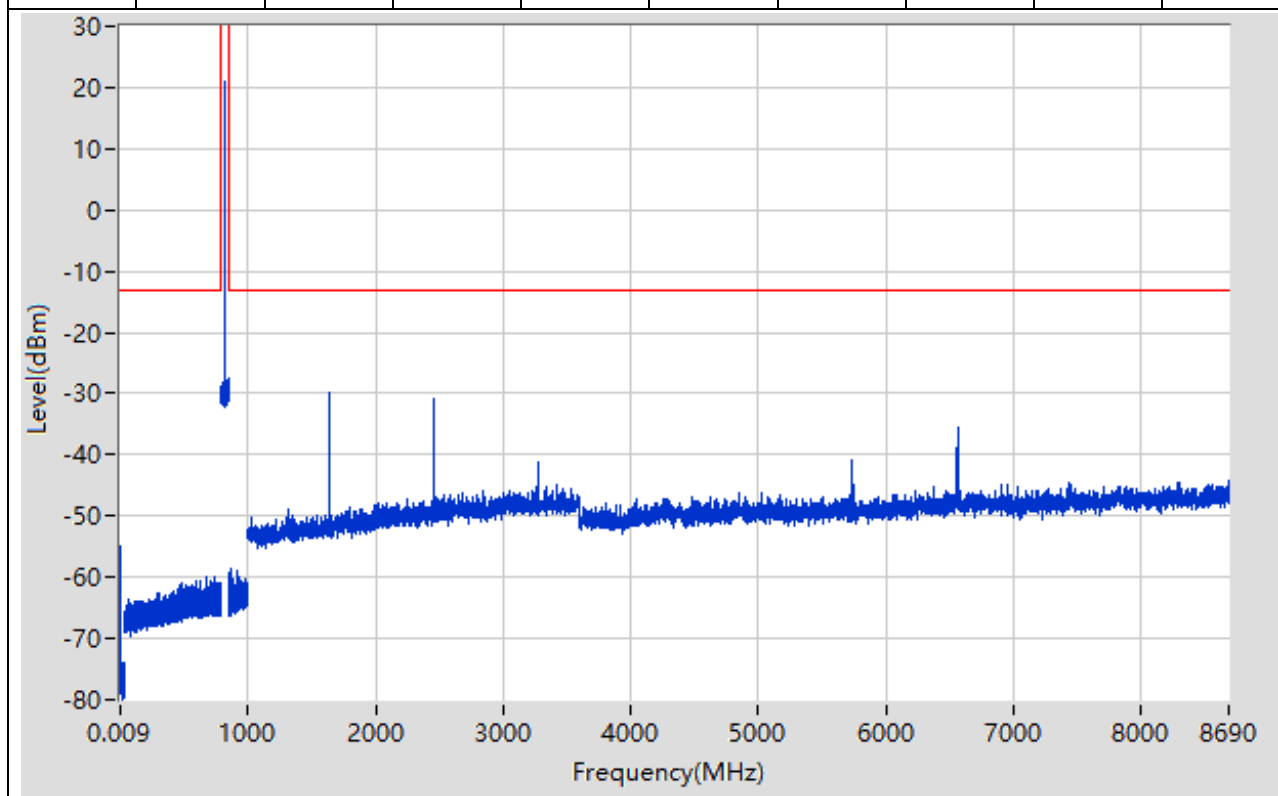
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-57.26	-13	44.26	Pass	401
0.15	30	0.01	RMS	0.15	-56.54	-13	43.54	Pass	2986
30	794	0.1	RMS	681.3	-60.48	-13	47.48	Pass	7641
794	844	0.1	RMS	820.2	21.91	60	38.09	Pass	501
844	1000	0.1	RMS	969.3	-59.85	-13	46.85	Pass	1561
1000	3000	1	RMS	2461	-22.34	-13	9.34	Pass	2001
3000	8690	1	RMS	6562	-36.22	-13	23.22	Pass	5691





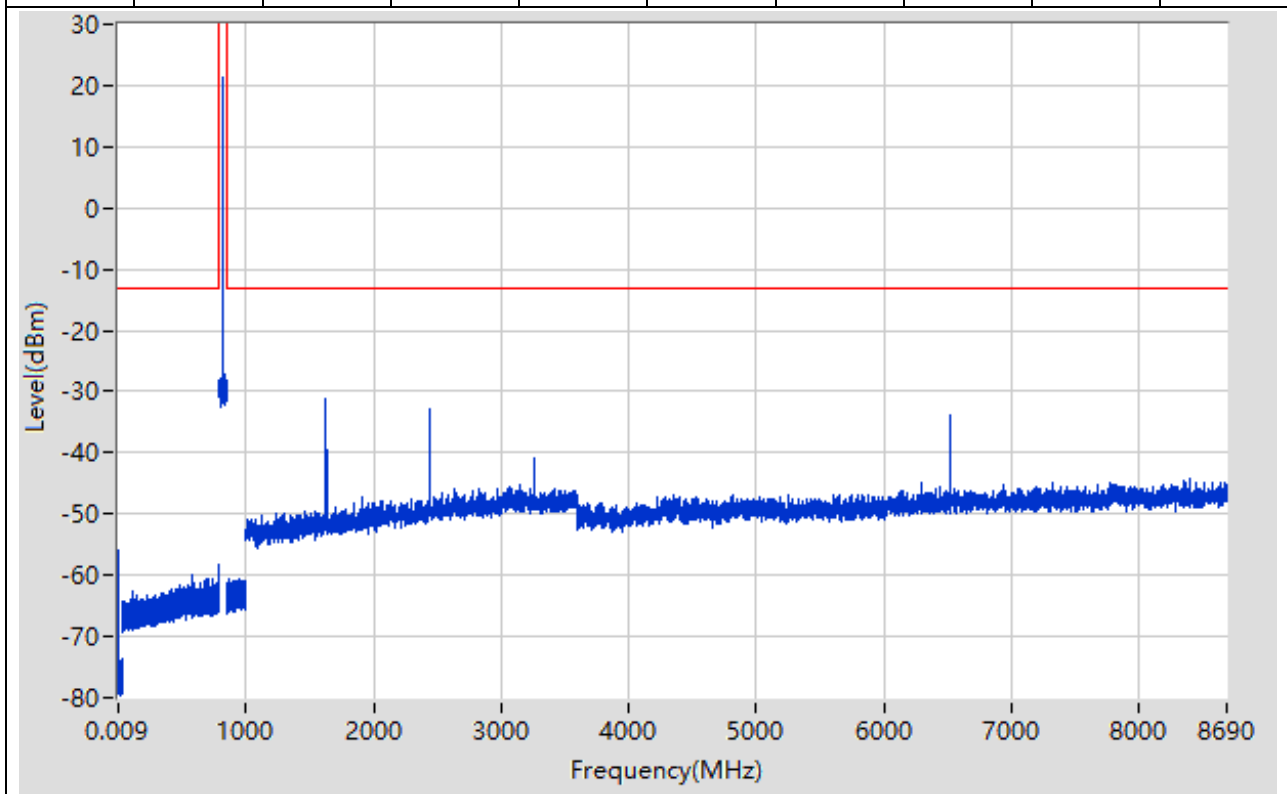
**10.6. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:6, Channel:26765, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

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	-56.82	-13	43.82	Pass	401
0.15	30	0.01	RMS	0.15	-54.94	-13	41.94	Pass	2986
30	794	0.1	RMS	680.6	-59.79	-13	46.79	Pass	7641
794	844	0.1	RMS	820.2	20.92	60	39.08	Pass	501
844	1000	0.1	RMS	868.1	-58.74	-13	45.74	Pass	1561
1000	3000	1	RMS	1640	-29.82	-13	16.82	Pass	2001
3000	8690	1	RMS	6562	-35.69	-13	22.69	Pass	5691



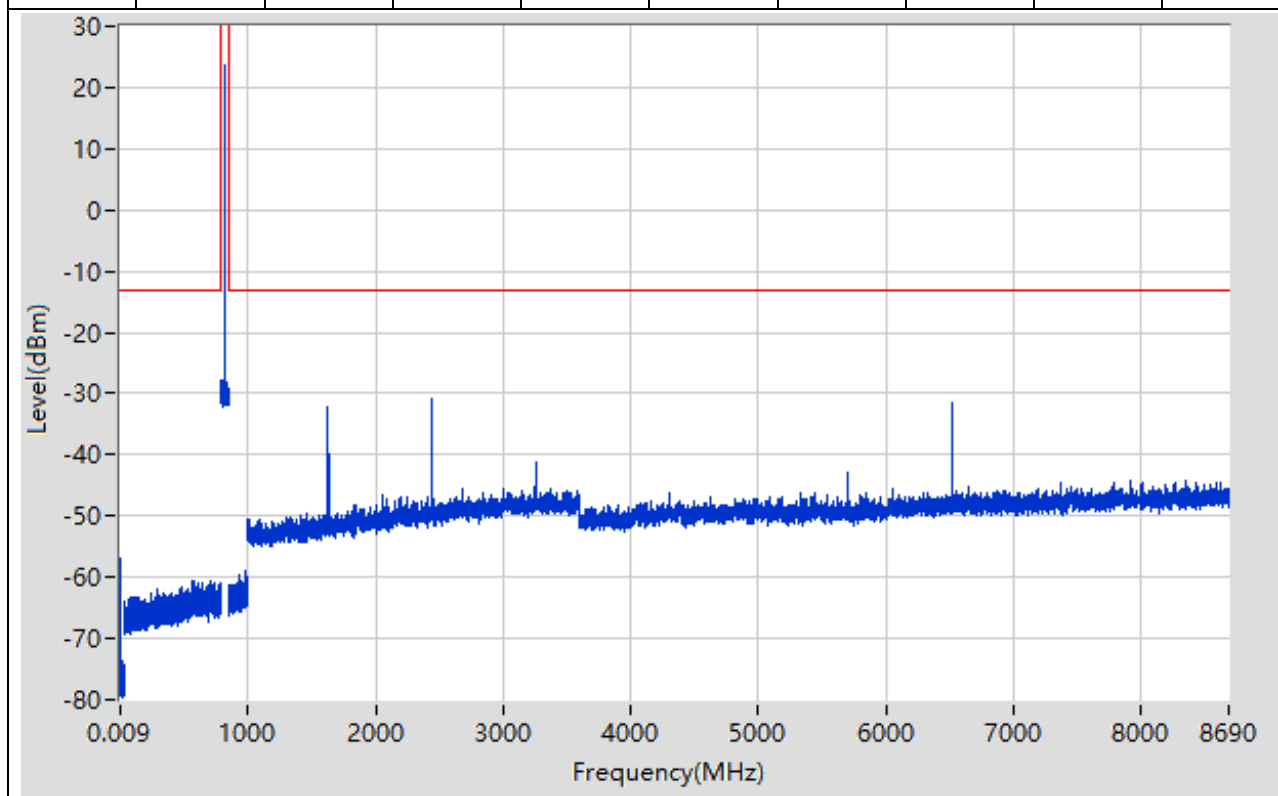
**10.7. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:7, Channel:26740, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

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	-56.01	-13	43.01	Pass	401
0.15	30	0.01	RMS	0.15	-56.19	-13	43.19	Pass	2986
30	794	0.1	RMS	792.3	-58.43	-13	45.43	Pass	7641
794	844	0.1	RMS	814.8	21.25	60	38.75	Pass	501
844	1000	0.1	RMS	870.7	-60.47	-13	47.47	Pass	1561
1000	3000	1	RMS	1629	-31.18	-13	18.18	Pass	2001
3000	8690	1	RMS	6518	-33.77	-13	20.77	Pass	5691



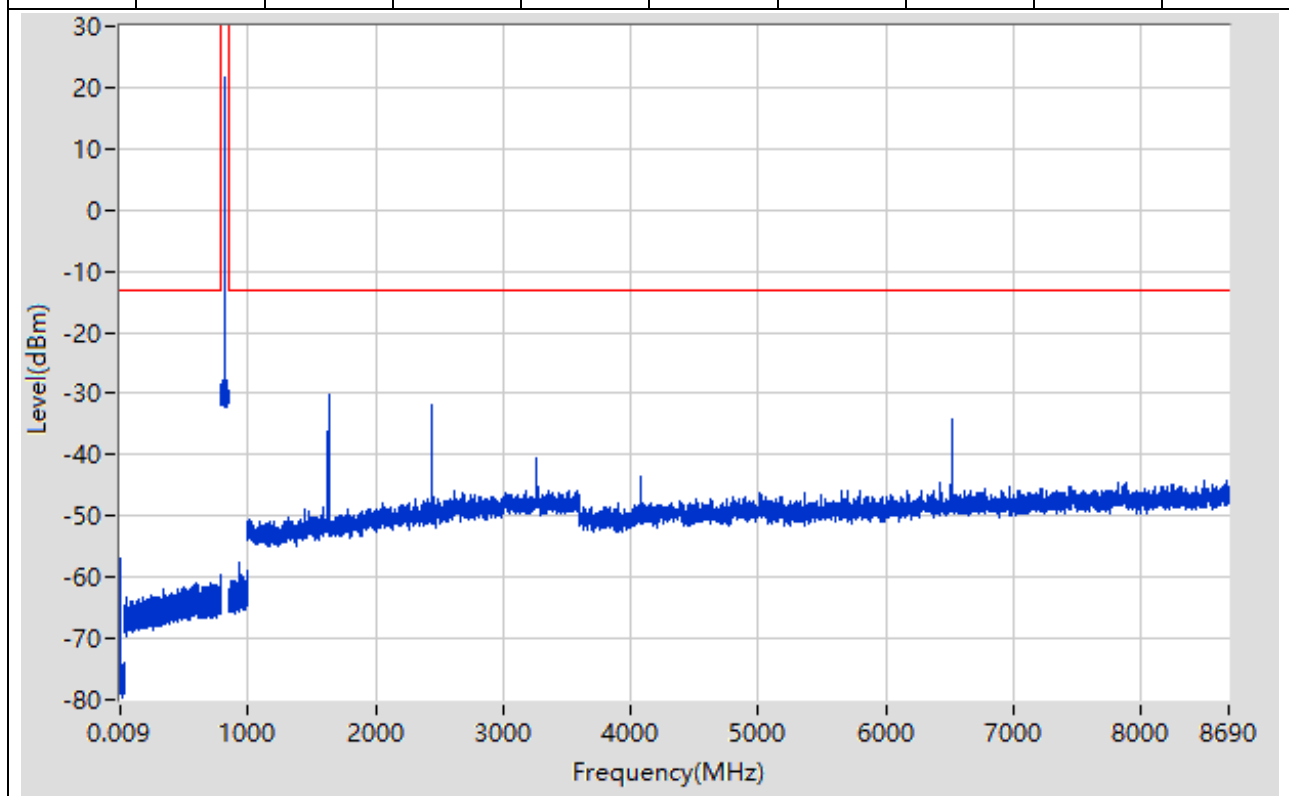
**10.8. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:8, Channel:26740, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

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	-57.19	-13	44.19	Pass	401
0.15	30	0.01	RMS	0.15	-57.02	-13	44.02	Pass	2986
30	794	0.1	RMS	566	-60.7	-13	47.7	Pass	7641
794	844	0.1	RMS	814.7	23.51	60	36.49	Pass	501
844	1000	0.1	RMS	975.6	-58.97	-13	45.97	Pass	1561
1000	3000	1	RMS	2444	-30.88	-13	17.88	Pass	2001
3000	8690	1	RMS	6518	-31.54	-13	18.54	Pass	5691



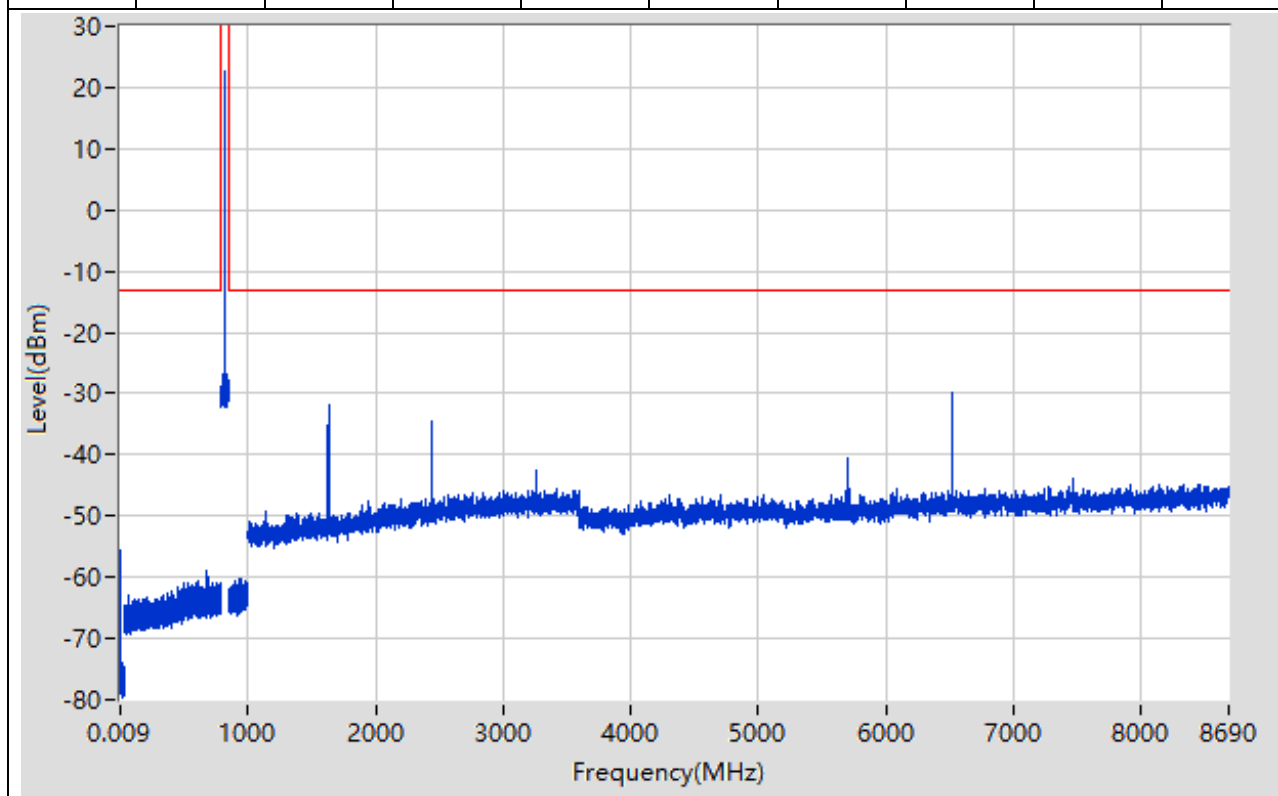
**10.9. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:9, Channel:26740, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

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	-56.89	-13	43.89	Pass	401
0.15	30	0.01	RMS	0.15	-57.63	-13	44.63	Pass	2986
30	794	0.1	RMS	793.1	-59.52	-13	46.52	Pass	7641
794	844	0.1	RMS	815.7	21.77	60	38.23	Pass	501
844	1000	0.1	RMS	930	-57.68	-13	44.68	Pass	1561
1000	3000	1	RMS	1631	-30.11	-13	17.11	Pass	2001
3000	8690	1	RMS	6525	-34.06	-13	21.06	Pass	5691



**10.10. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:10, Channel:26740, 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	-57.23	-13	44.23	Pass	401
0.15	30	0.01	RMS	0.15	-55.68	-13	42.68	Pass	2986
30	794	0.1	RMS	681.6	-58.94	-13	45.94	Pass	7641
794	844	0.1	RMS	815.6	22.58	60	37.42	Pass	501
844	1000	0.1	RMS	930.8	-60.15	-13	47.15	Pass	1561
1000	3000	1	RMS	1631	-31.88	-13	18.88	Pass	2001
3000	8690	1	RMS	6525	-29.95	-13	16.95	Pass	5691

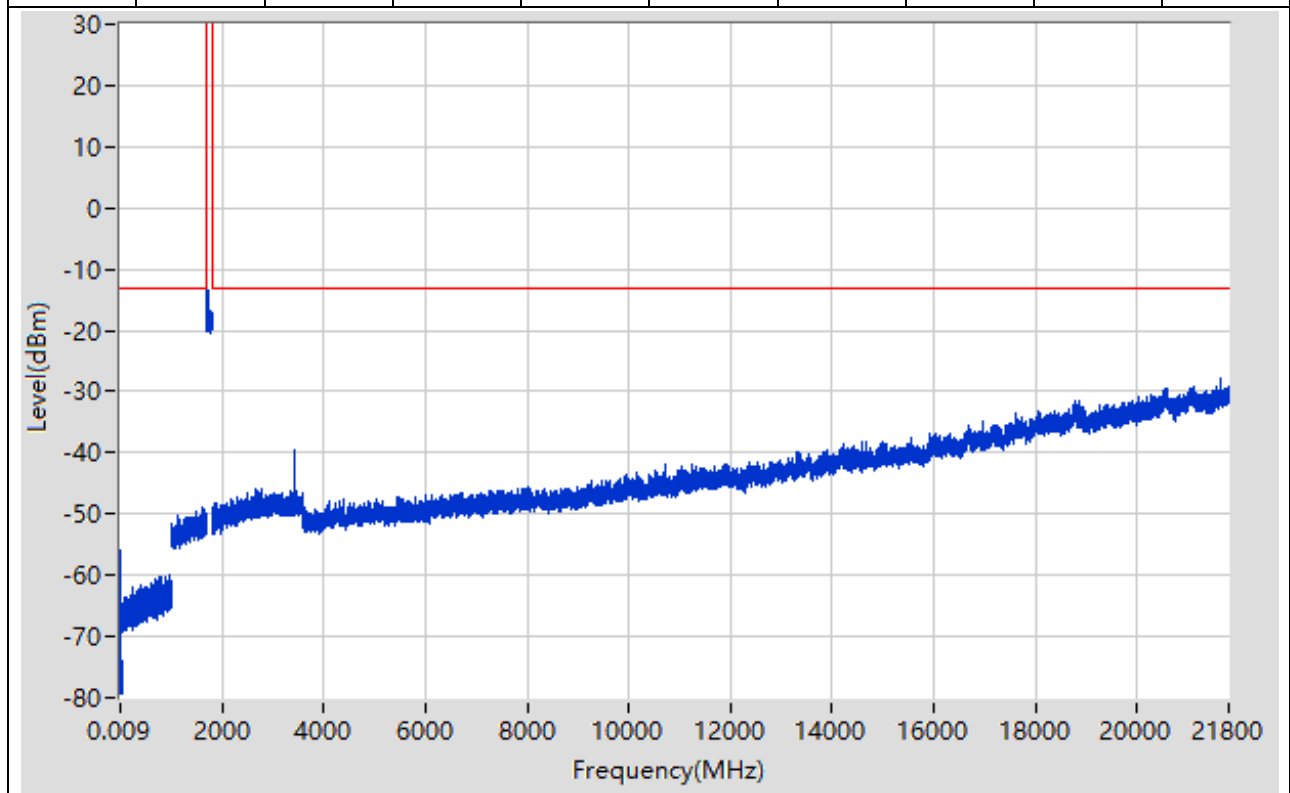


## 11. Cat-M\_Band66

### 11.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:131997, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

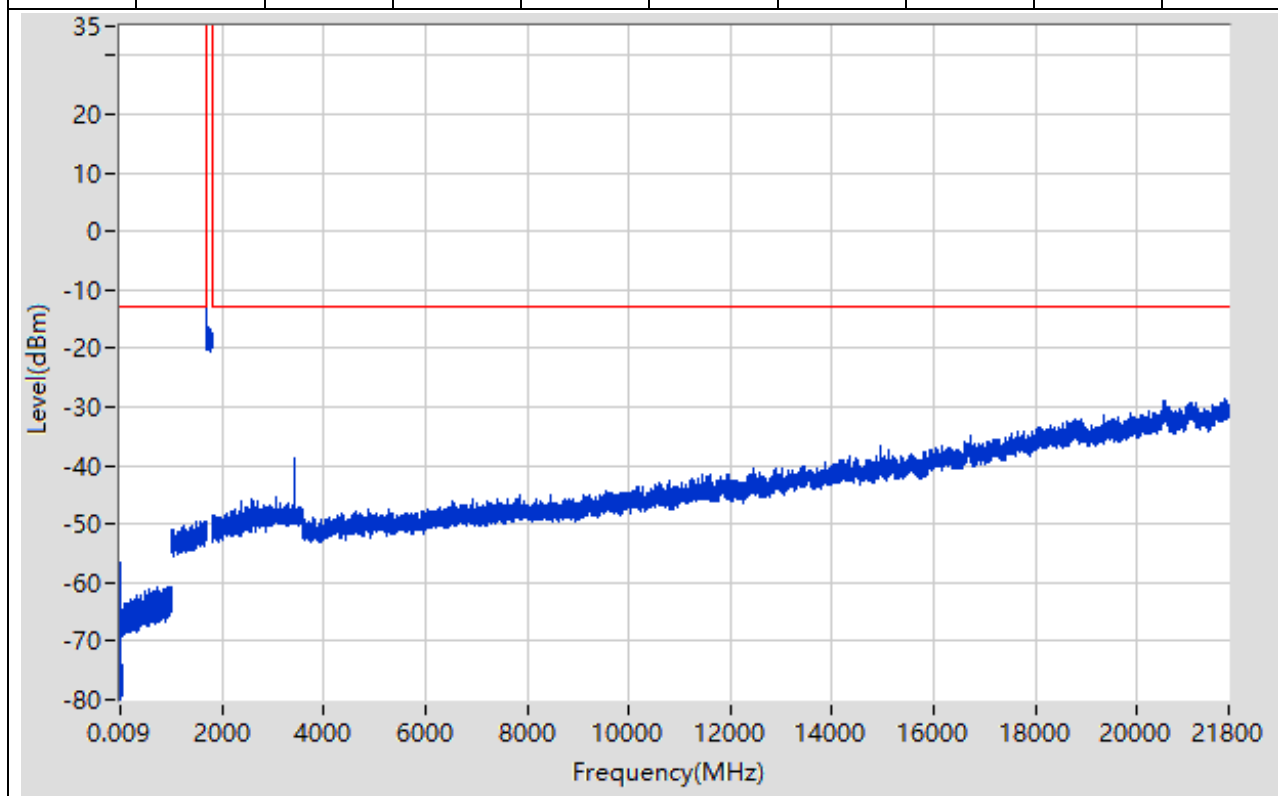
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.92	-13	42.92	Pass	401
0.15	30	0.01	RMS	0.15	-58.84	-13	45.84	Pass	2986
30	1000	0.1	RMS	975	-60.04	-13	47.04	Pass	9701
1000	1690	1	RMS	1595	-48.91	-13	35.91	Pass	691
1690	1800	1	RMS	1710.35	24.65	60	35.35	Pass	401
1800	3000	1	RMS	2772	-46.04	-13	33.04	Pass	1201
3000	21800	1	RMS	21636	-27.88	-13	14.88	Pass	18801



### 11.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:131997, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

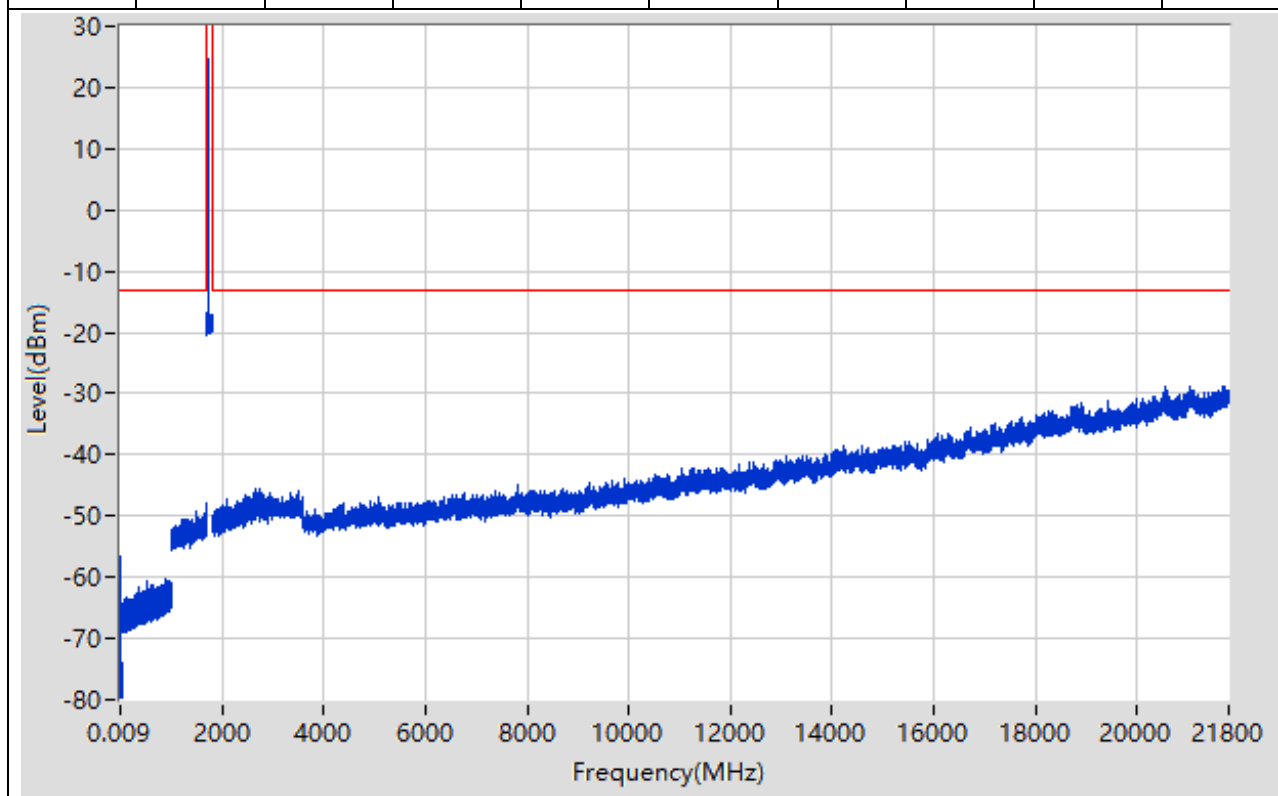
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.64	-13	43.64	Pass	401
0.15	30	0.01	RMS	0.16	-58.8	-13	45.8	Pass	2986
30	1000	0.1	RMS	981.3	-60.72	-13	47.72	Pass	9701
1000	1690	1	RMS	1581	-49.49	-13	36.49	Pass	691
1690	1800	1	RMS	1710.35	25.5	60	34.5	Pass	401
1800	3000	1	RMS	2567	-45.59	-13	32.59	Pass	1201
3000	21800	1	RMS	21709	-28.65	-13	15.65	Pass	18801



### 11.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:132322, 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	-56.72	-13	43.72	Pass	401
0.15	30	0.01	RMS	0.15	-58.17	-13	45.17	Pass	2986
30	1000	0.1	RMS	891.3	-60.16	-13	47.16	Pass	9701
1000	1690	1	RMS	1675	-47.85	-13	34.85	Pass	691
1690	1800	1	RMS	1742.8	24.74	60	35.26	Pass	401
1800	3000	1	RMS	2755	-45.5	-13	32.5	Pass	1201
3000	21800	1	RMS	21672	-28.74	-13	15.74	Pass	18801

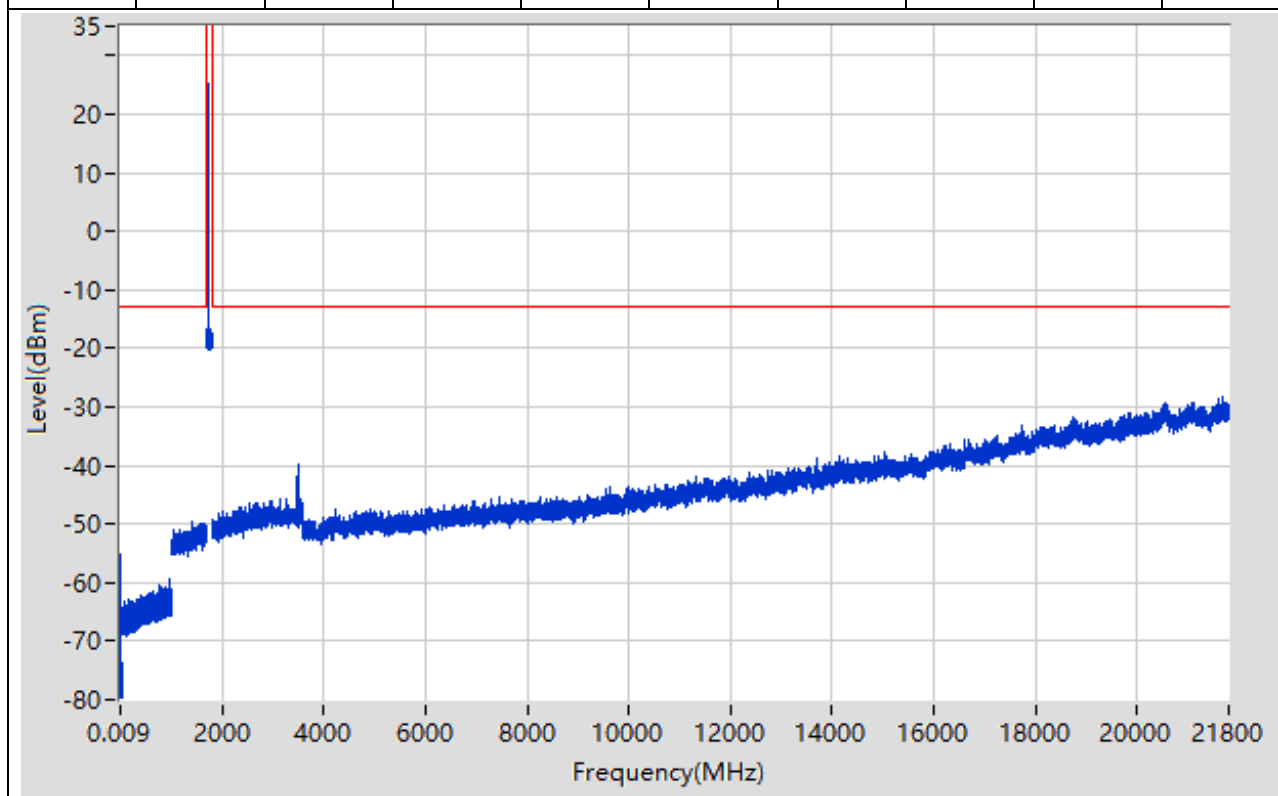




### 11.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:132322, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

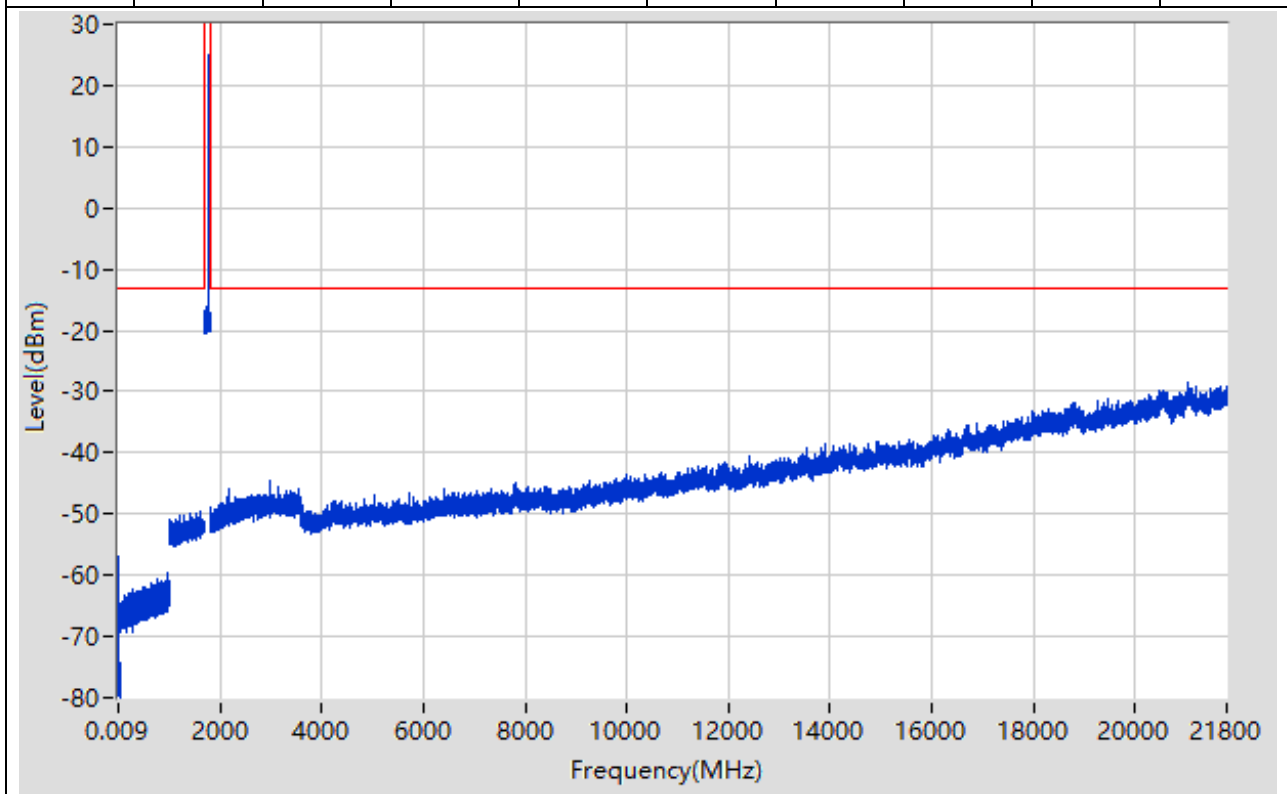
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.32	-13	42.32	Pass	401
0.15	30	0.01	RMS	0.15	-58.76	-13	45.76	Pass	2986
30	1000	0.1	RMS	961.8	-59.33	-13	46.33	Pass	9701
1000	1690	1	RMS	1408	-49.6	-13	36.6	Pass	691
1690	1800	1	RMS	1742.8	25.36	60	34.64	Pass	401
1800	3000	1	RMS	2982	-46.01	-13	33.01	Pass	1201
3000	21800	1	RMS	21673	-28.28	-13	15.28	Pass	18801



### 11.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:132647, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

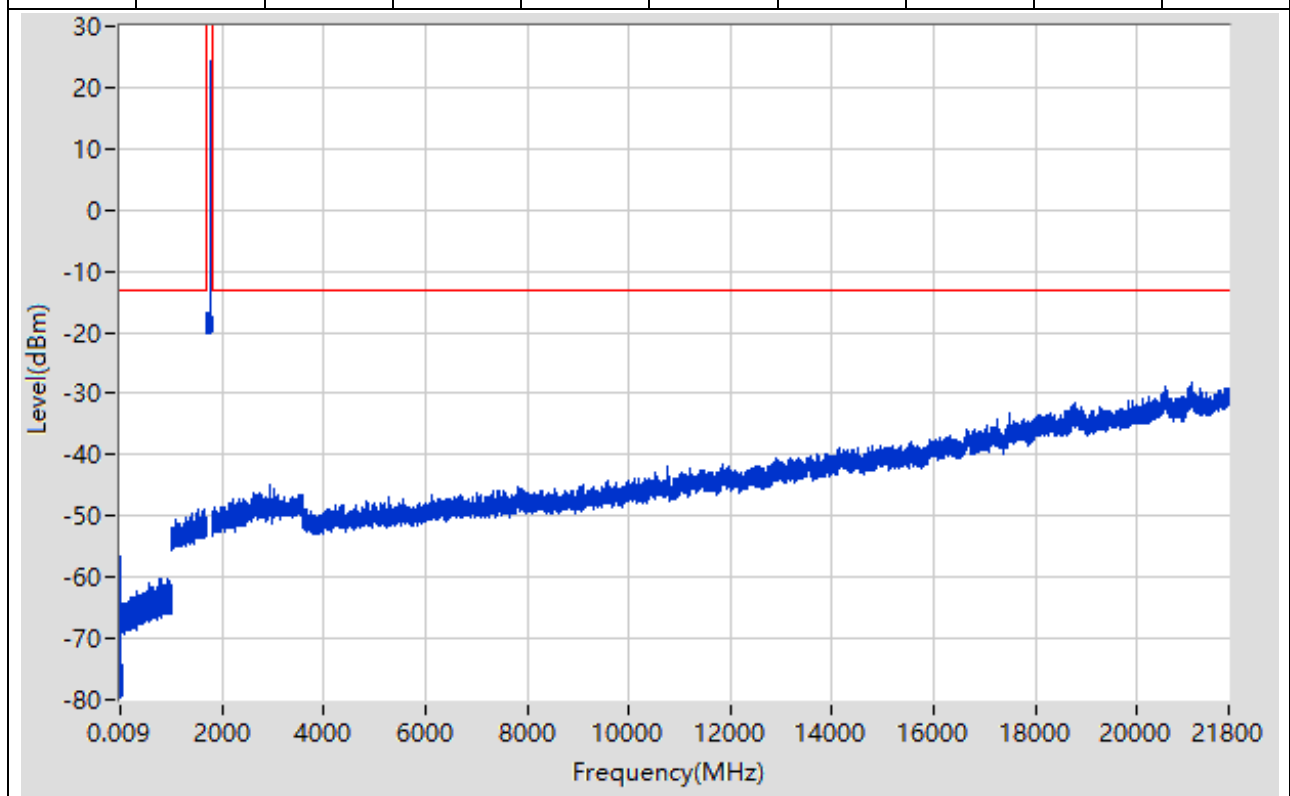
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.78	-13	43.78	Pass	401
0.15	30	0.01	RMS	0.15	-58.88	-13	45.88	Pass	2986
30	1000	0.1	RMS	954.6	-59.76	-13	46.76	Pass	9701
1000	1690	1	RMS	1619	-49.58	-13	36.58	Pass	691
1690	1800	1	RMS	1776.35	24.87	60	35.13	Pass	401
1800	3000	1	RMS	2965	-44.69	-13	31.69	Pass	1201
3000	21800	1	RMS	21020	-28.58	-13	15.58	Pass	18801



### 11.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:132647, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

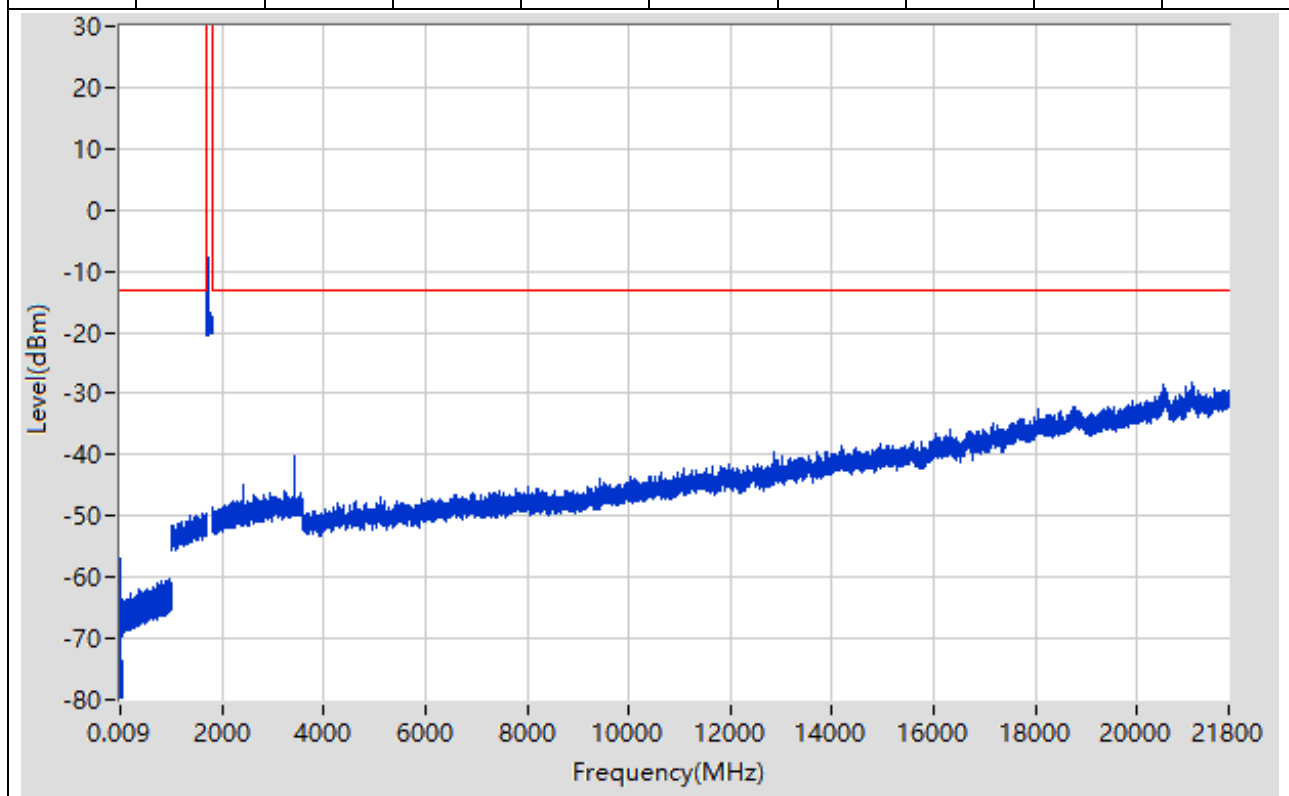
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.56	-13	43.56	Pass	401
0.15	30	0.01	RMS	0.15	-58.6	-13	45.6	Pass	2986
30	1000	0.1	RMS	911.2	-60.16	-13	47.16	Pass	9701
1000	1690	1	RMS	1643	-48.81	-13	35.81	Pass	691
1690	1800	1	RMS	1776.075	24.29	60	35.71	Pass	401
1800	3000	1	RMS	2944	-44.91	-13	31.91	Pass	1201
3000	21800	1	RMS	21073	-28.3	-13	15.3	Pass	18801



### 11.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:132022, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

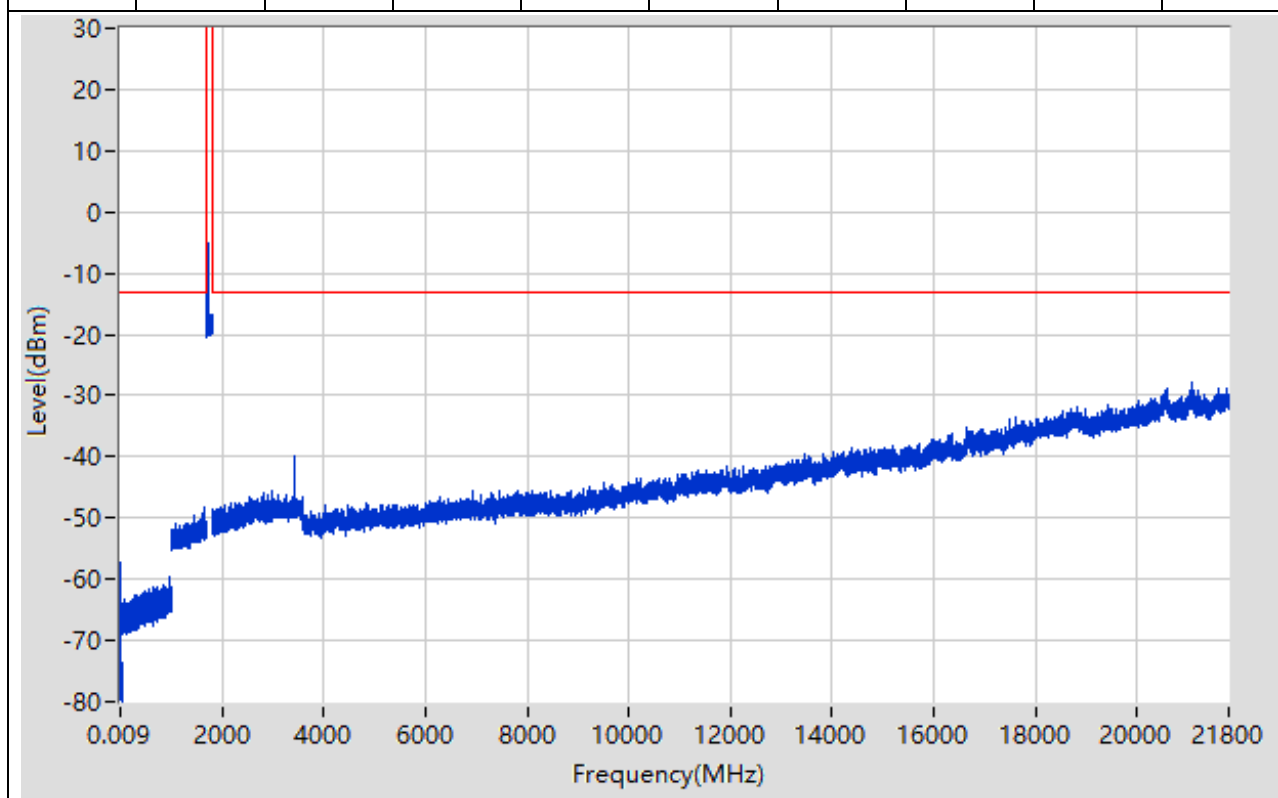
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.16	-13	44.16	Pass	401
0.15	30	0.01	RMS	0.15	-57.07	-13	44.07	Pass	2986
30	1000	0.1	RMS	976	-60.31	-13	47.31	Pass	9701
1000	1690	1	RMS	1685	-49.47	-13	36.47	Pass	691
1690	1800	1	RMS	1710.9	24.9	60	35.1	Pass	401
1800	3000	1	RMS	2421	-45.05	-13	32.05	Pass	1201
3000	21800	1	RMS	21062	-28.12	-13	15.12	Pass	18801



### 11.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:132022, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

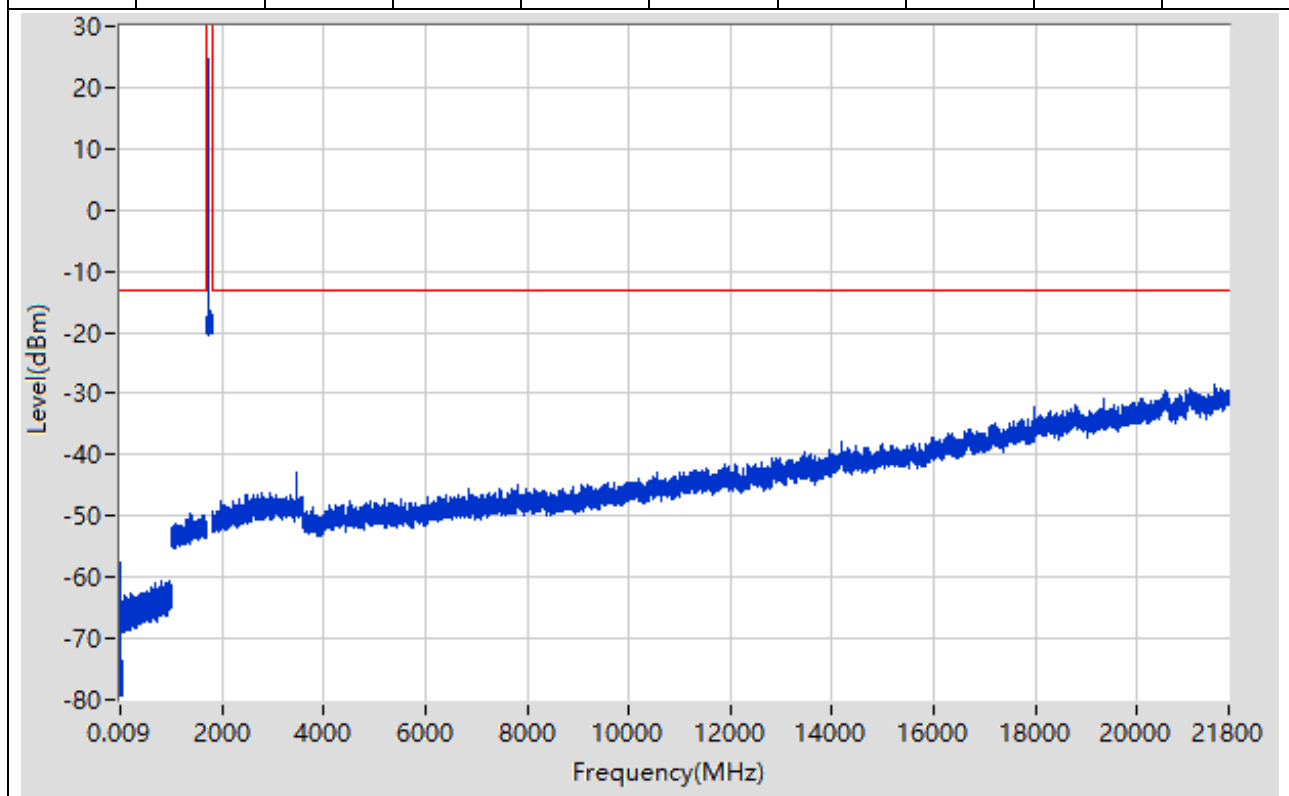
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-57.11	-13	44.11	Pass	401
0.15	30	0.01	RMS	0.15	-59.04	-13	46.04	Pass	2986
30	1000	0.1	RMS	949.5	-59.66	-13	46.66	Pass	9701
1000	1690	1	RMS	1649	-48.4	-13	35.4	Pass	691
1690	1800	1	RMS	1710.625	24.88	60	35.12	Pass	401
1800	3000	1	RMS	2967	-45.7	-13	32.7	Pass	1201
3000	21800	1	RMS	21060	-27.81	-13	14.81	Pass	18801



### 11.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:132322, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

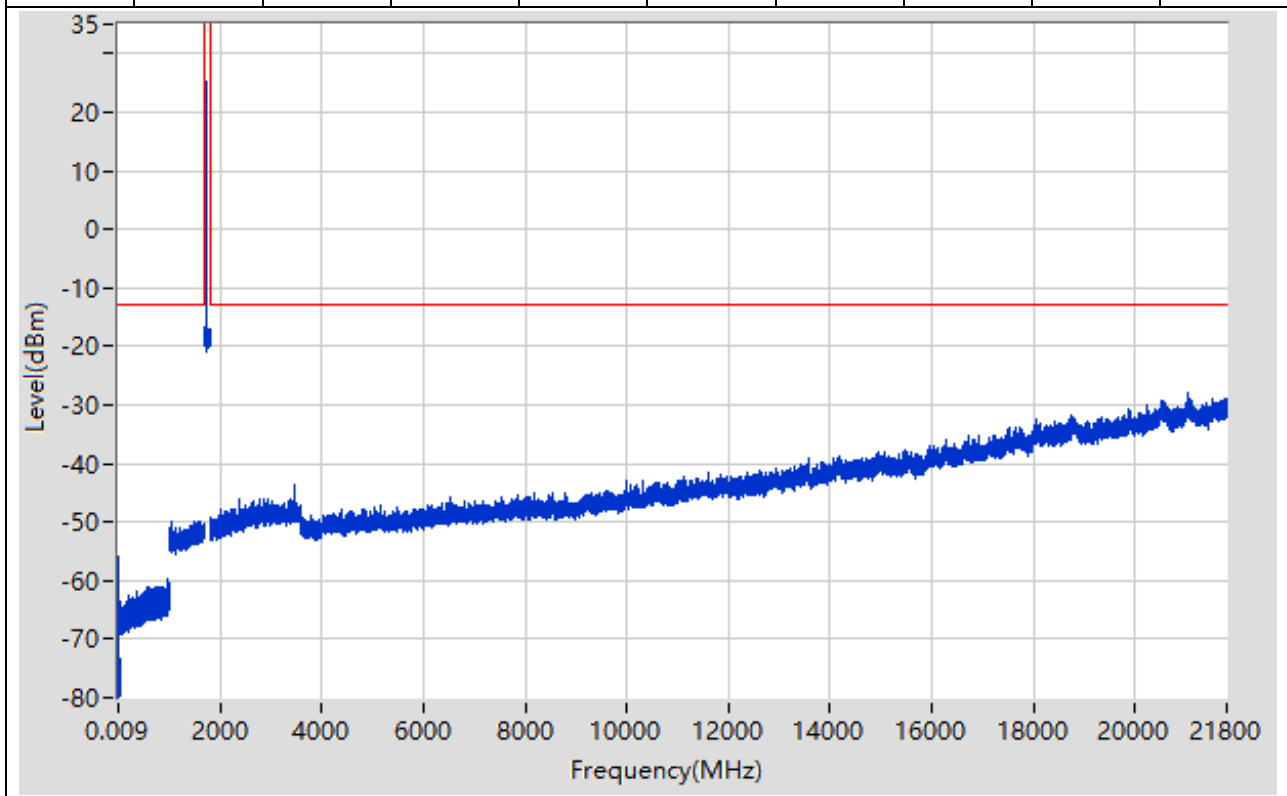
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.75	-13	44.75	Pass	401
0.15	30	0.01	RMS	0.15	-58.39	-13	45.39	Pass	2986
30	1000	0.1	RMS	952.1	-60.61	-13	47.61	Pass	9701
1000	1690	1	RMS	1367	-49.7	-13	36.7	Pass	691
1690	1800	1	RMS	1740.875	24.61	60	35.39	Pass	401
1800	3000	1	RMS	2942	-46.33	-13	33.33	Pass	1201
3000	21800	1	RMS	21531	-28.44	-13	15.44	Pass	18801



### 11.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:132322, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

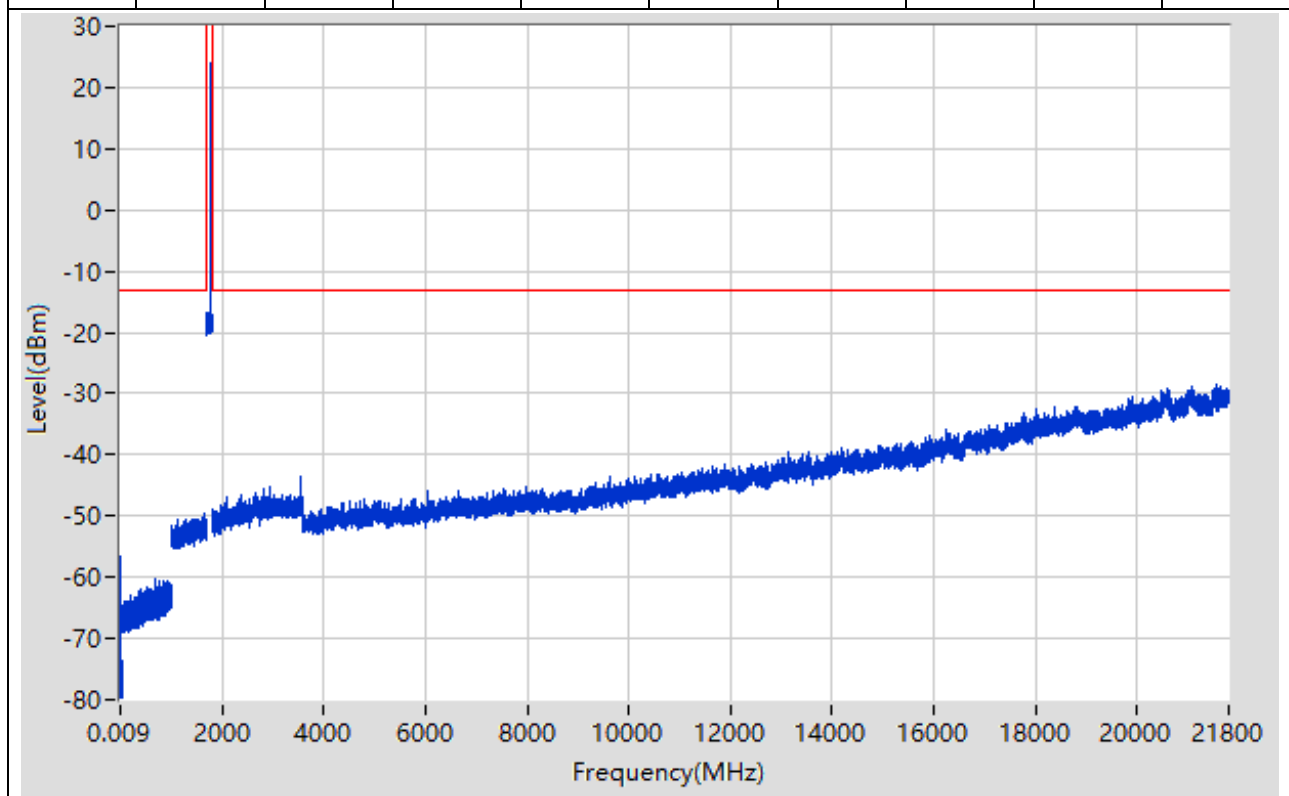
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-55.82	-13	42.82	Pass	401
0.15	30	0.01	RMS	0.15	-57.76	-13	44.76	Pass	2986
30	1000	0.1	RMS	953.4	-59.55	-13	46.55	Pass	9701
1000	1690	1	RMS	1494	-49.79	-13	36.79	Pass	691
1690	1800	1	RMS	1740.875	25.09	60	34.91	Pass	401
1800	3000	1	RMS	2766	-45.96	-13	32.96	Pass	1201
3000	21800	1	RMS	21036	-28.07	-13	15.07	Pass	18801



### 11.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:132622, 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	-56.51	-13	43.51	Pass	401
0.15	30	0.01	RMS	0.17	-59.29	-13	46.29	Pass	2986
30	1000	0.1	RMS	681.2	-60.43	-13	47.43	Pass	9701
1000	1690	1	RMS	1641	-49.65	-13	36.65	Pass	691
1690	1800	1	RMS	1771.675	24.02	60	35.98	Pass	401
1800	3000	1	RMS	2949	-45.1	-13	32.1	Pass	1201
3000	21800	1	RMS	21556	-28.56	-13	15.56	Pass	18801

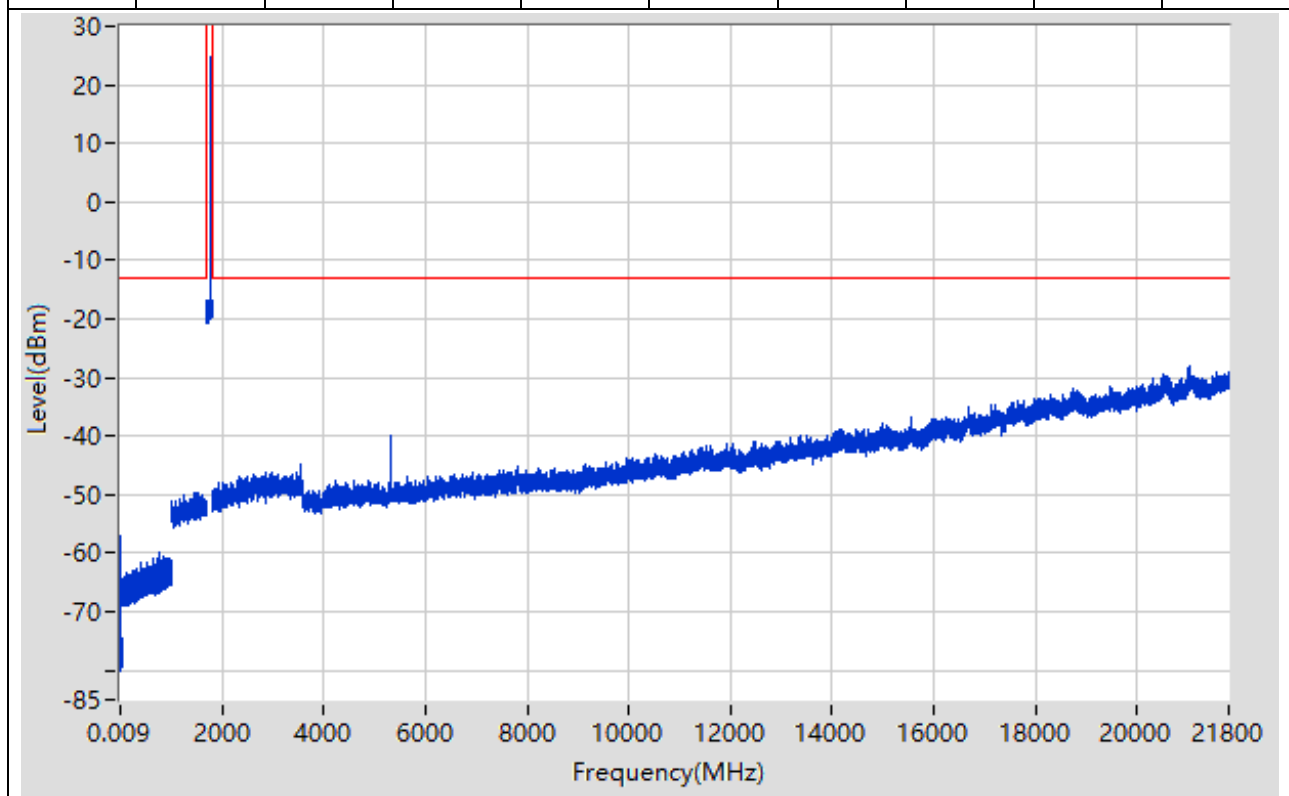




### 11.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:132622, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

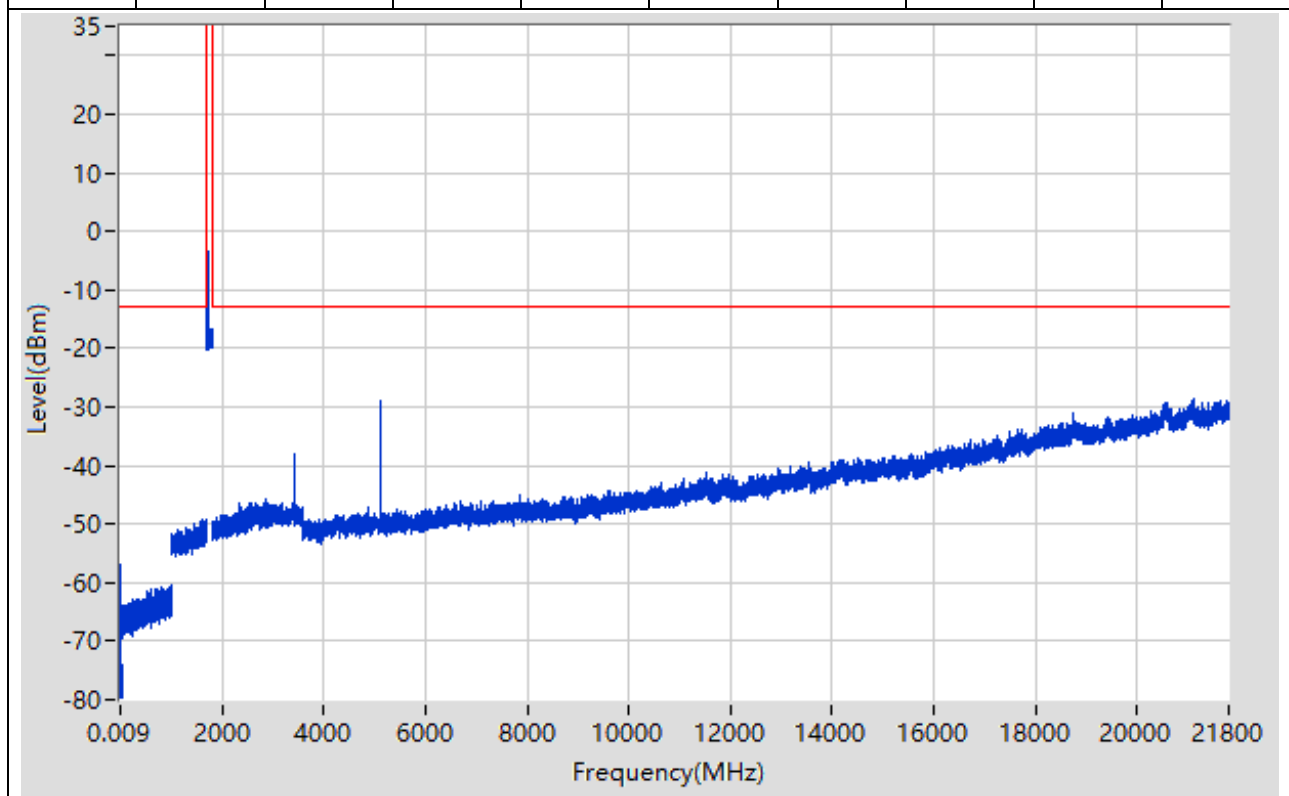
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.91	-13	43.91	Pass	401
0.15	30	0.01	RMS	0.15	-59.05	-13	46.05	Pass	2986
30	1000	0.1	RMS	781.5	-59.99	-13	46.99	Pass	9701
1000	1690	1	RMS	1463	-49.57	-13	36.57	Pass	691
1690	1800	1	RMS	1771.675	24.67	60	35.33	Pass	401
1800	3000	1	RMS	2989	-46.17	-13	33.17	Pass	1201
3000	21800	1	RMS	21034	-27.85	-13	14.85	Pass	18801



### 11.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:132047, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

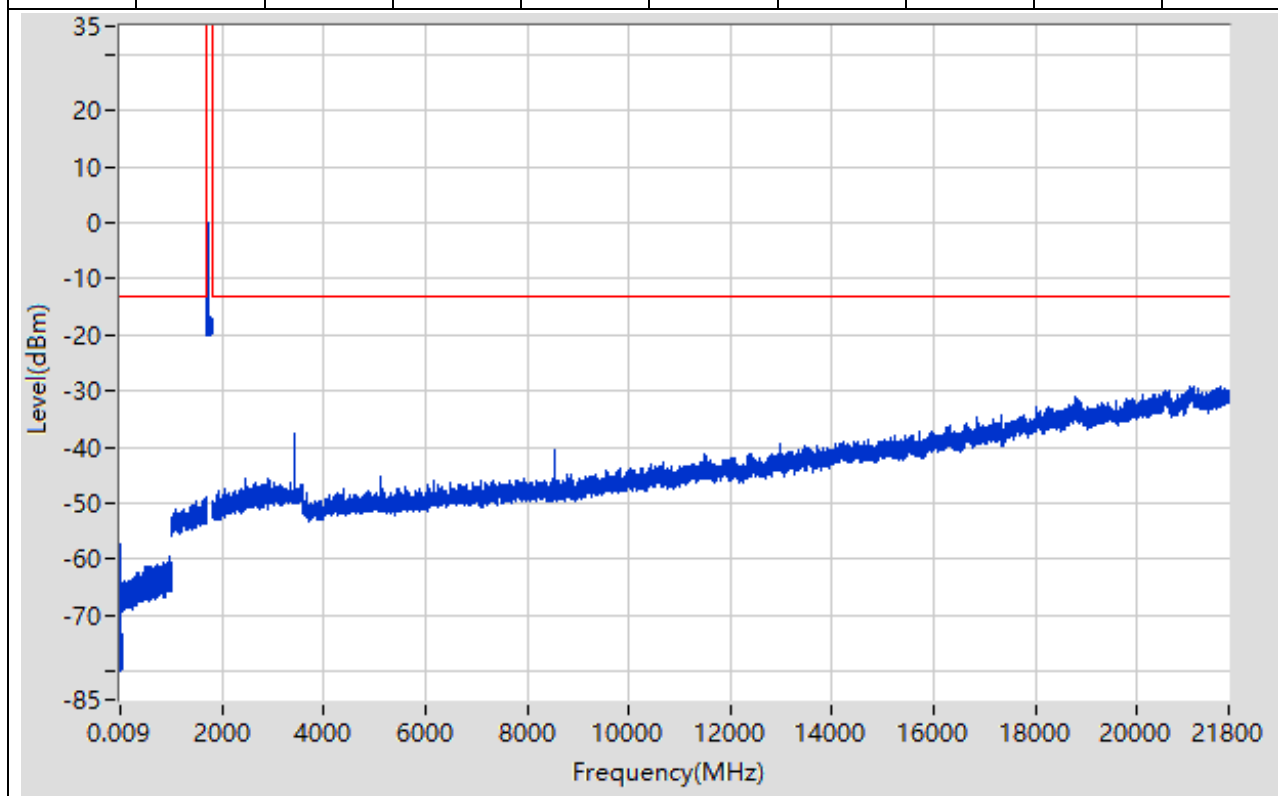
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.8	-13	43.8	Pass	401
0.15	30	0.01	RMS	0.15	-59.23	-13	46.23	Pass	2986
30	1000	0.1	RMS	992.1	-60.33	-13	47.33	Pass	9701
1000	1690	1	RMS	1690	-49.24	-13	36.24	Pass	691
1690	1800	1	RMS	1710.9	25.1	60	34.9	Pass	401
1800	3000	1	RMS	2846	-45.88	-13	32.88	Pass	1201
3000	21800	1	RMS	21105	-28.78	-13	15.78	Pass	18801



### 11.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:132047, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

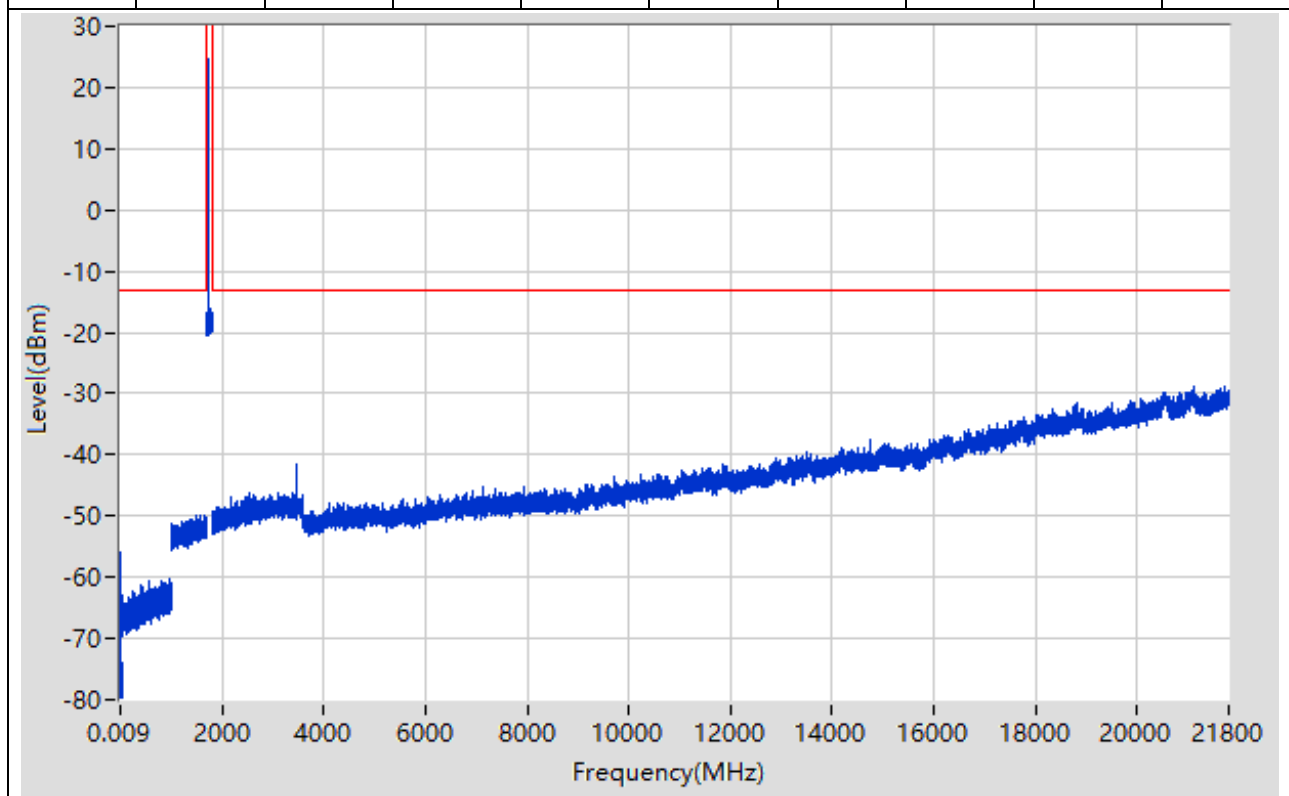
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-57.39	-13	44.39	Pass	401
0.15	30	0.01	RMS	0.16	-58.15	-13	45.15	Pass	2986
30	1000	0.1	RMS	966.9	-59.5	-13	46.5	Pass	9701
1000	1690	1	RMS	1673	-48.93	-13	35.93	Pass	691
1690	1800	1	RMS	1710.9	25.19	60	34.81	Pass	401
1800	3000	1	RMS	2888	-45.45	-13	32.45	Pass	1201
3000	21800	1	RMS	21048	-29.05	-13	16.05	Pass	18801



### 11.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:132322, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

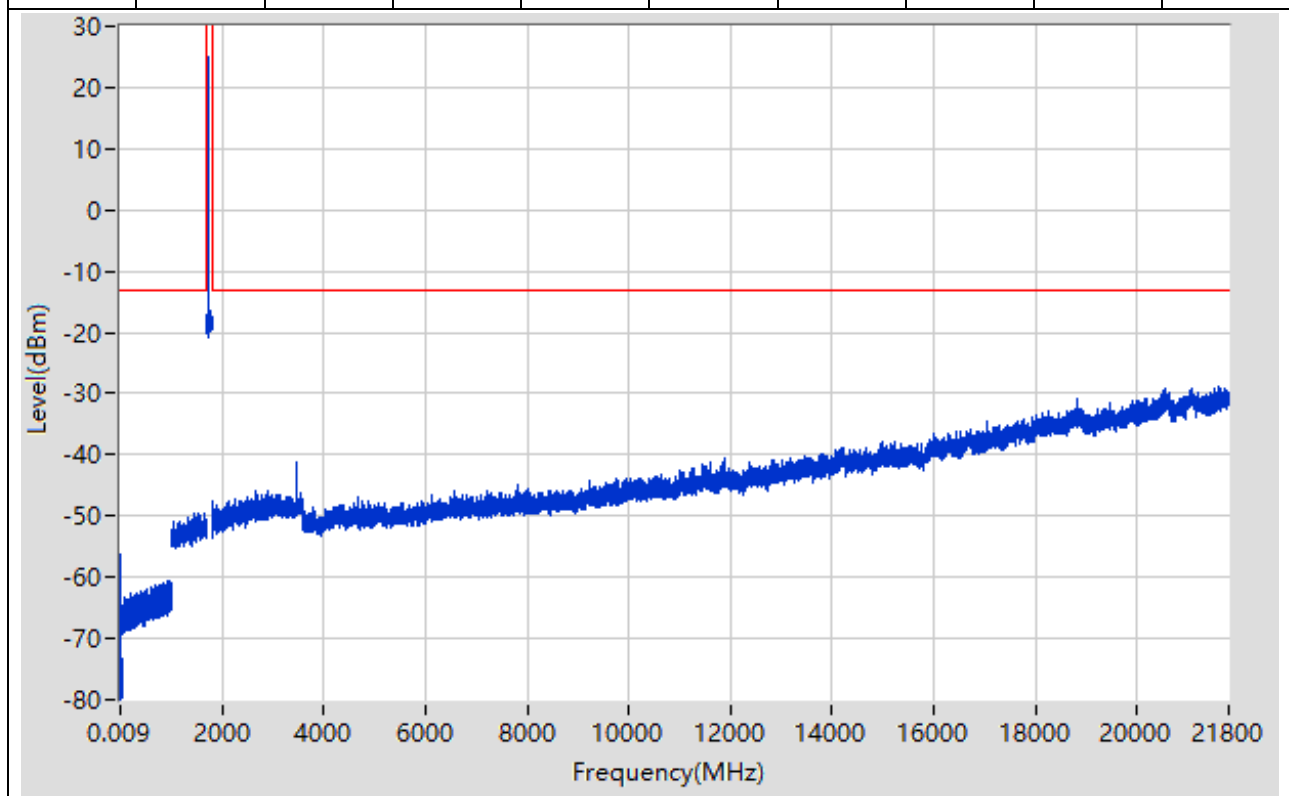
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-56.08	-13	43.08	Pass	401
0.15	30	0.01	RMS	0.16	-59.15	-13	46.15	Pass	2986
30	1000	0.1	RMS	968.5	-60.22	-13	47.22	Pass	9701
1000	1690	1	RMS	1499	-49.97	-13	36.97	Pass	691
1690	1800	1	RMS	1738.4	24.68	60	35.32	Pass	401
1800	3000	1	RMS	2543	-46.13	-13	33.13	Pass	1201
3000	21800	1	RMS	21738	-28.77	-13	15.77	Pass	18801



### 11.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:132322, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

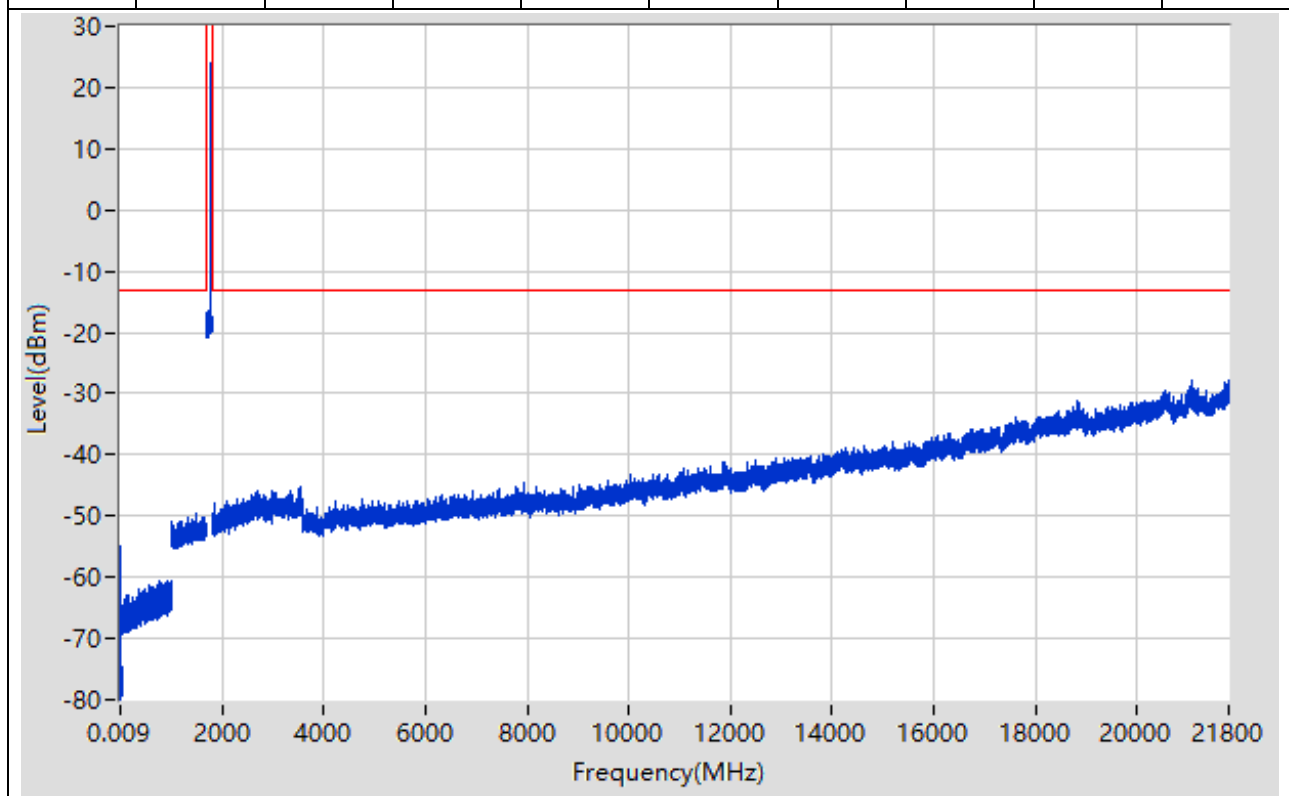
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.1	-13	43.1	Pass	401
0.15	30	0.01	RMS	0.15	-57.46	-13	44.46	Pass	2986
30	1000	0.1	RMS	917.2	-60.52	-13	47.52	Pass	9701
1000	1690	1	RMS	1447	-49.49	-13	36.49	Pass	691
1690	1800	1	RMS	1738.675	24.99	60	35.01	Pass	401
1800	3000	1	RMS	2885	-45.74	-13	32.74	Pass	1201
3000	21800	1	RMS	21586	-28.87	-13	15.87	Pass	18801



### 11.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:132597, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

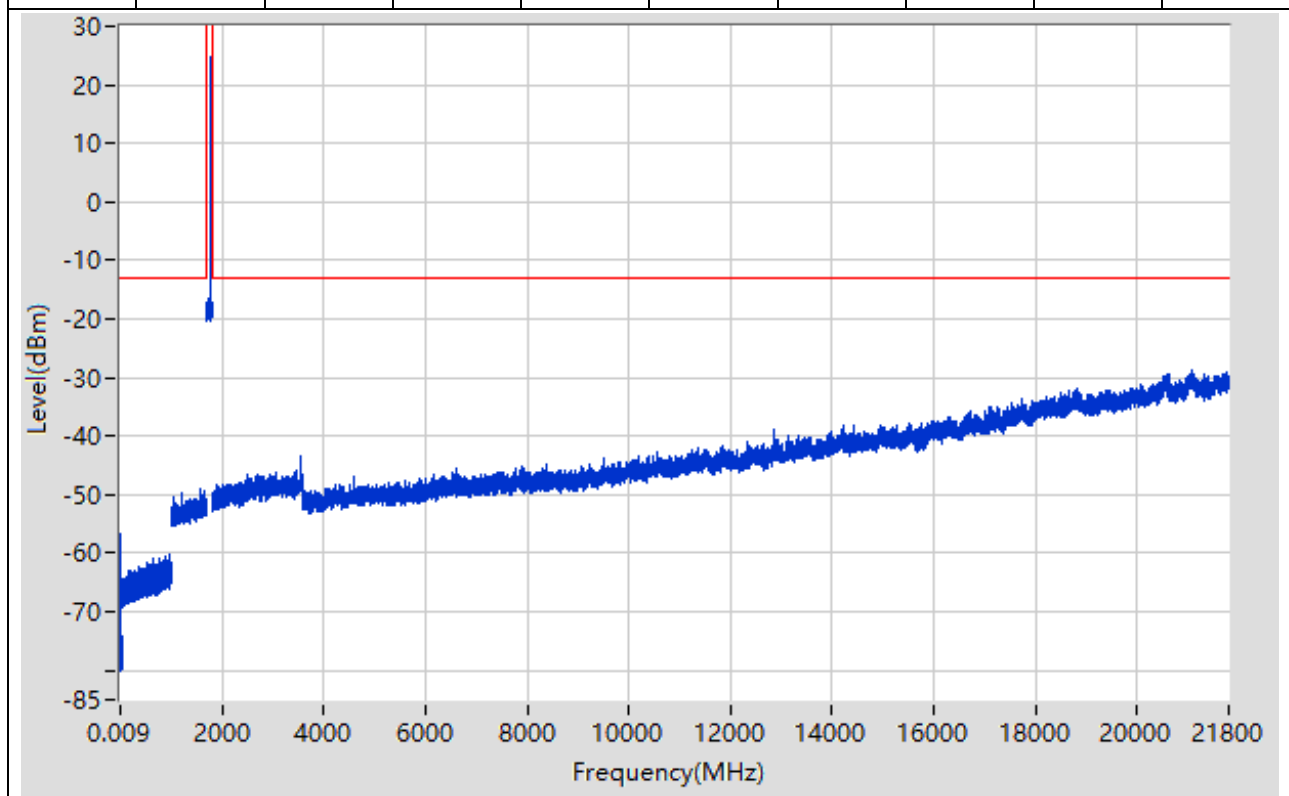
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.98	-13	41.98	Pass	401
0.15	30	0.01	RMS	0.15	-59.02	-13	46.02	Pass	2986
30	1000	0.1	RMS	991.4	-60.49	-13	47.49	Pass	9701
1000	1690	1	RMS	1496	-49.67	-13	36.67	Pass	691
1690	1800	1	RMS	1767	24.13	60	35.87	Pass	401
1800	3000	1	RMS	2988	-45.96	-13	32.96	Pass	1201
3000	21800	1	RMS	21079	-27.88	-13	14.88	Pass	18801



### 11.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:132597, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

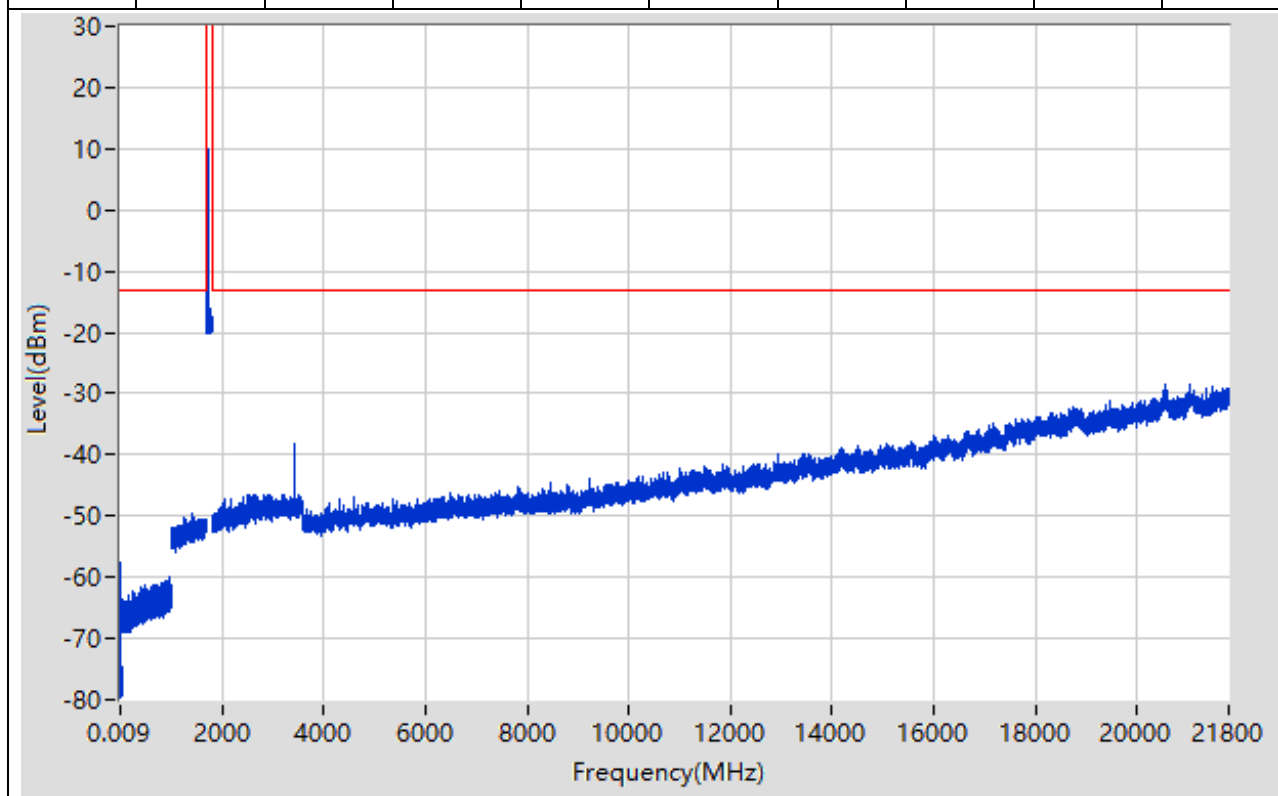
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.55	-13	43.55	Pass	401
0.15	30	0.01	RMS	0.16	-59.05	-13	46.05	Pass	2986
30	1000	0.1	RMS	956.4	-60.19	-13	47.19	Pass	9701
1000	1690	1	RMS	1580	-49.16	-13	36.16	Pass	691
1690	1800	1	RMS	1767	24.83	60	35.17	Pass	401
1800	3000	1	RMS	2958	-46.53	-13	33.53	Pass	1201
3000	21800	1	RMS	21055	-28.84	-13	15.84	Pass	18801



### 11.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:132072, 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	0.029	-57.64	-13	44.64	Pass	401
0.15	30	0.01	RMS	0.15	-58.06	-13	45.06	Pass	2986
30	1000	0.1	RMS	984.6	-59.85	-13	46.85	Pass	9701
1000	1690	1	RMS	1403	-49.56	-13	36.56	Pass	691
1690	1800	1	RMS	1711.45	24.5	60	35.5	Pass	401
1800	3000	1	RMS	2661	-46.42	-13	33.42	Pass	1201
3000	21800	1	RMS	20570	-28.47	-13	15.47	Pass	18801

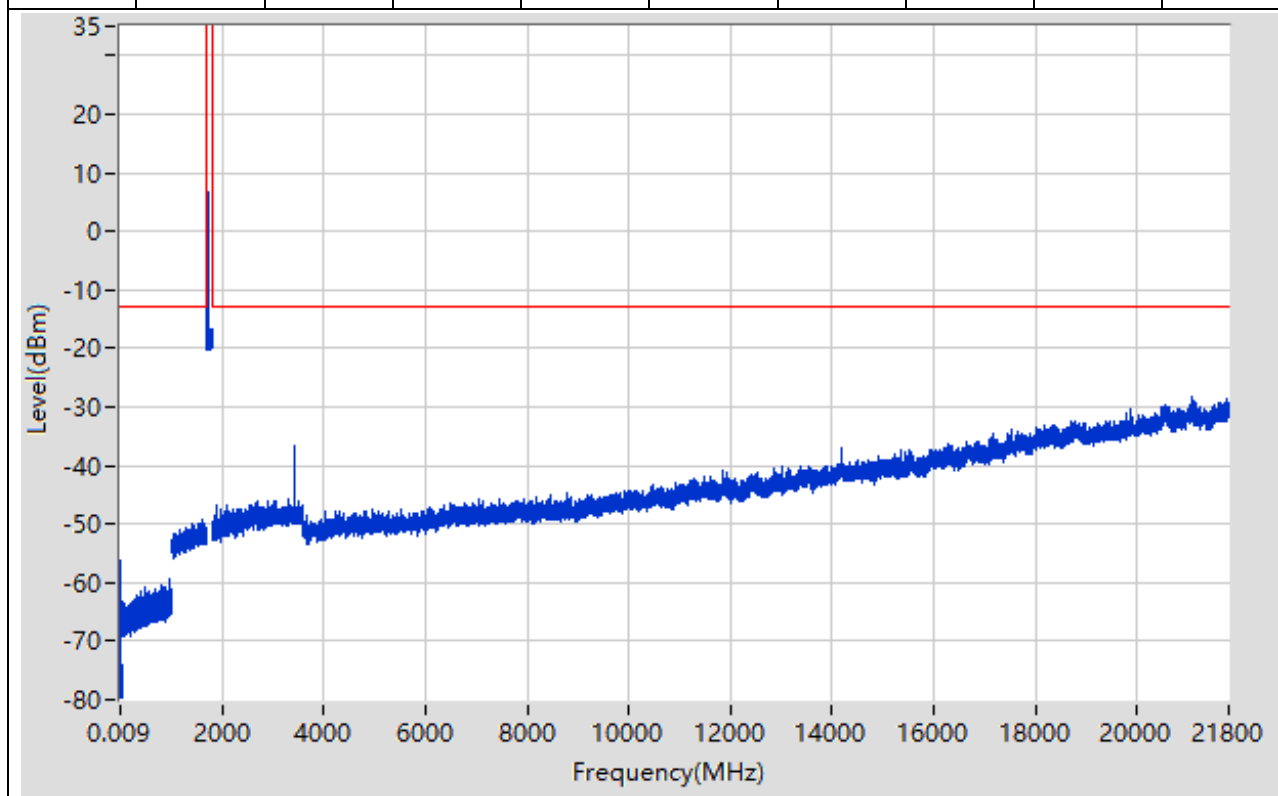




### 11.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:132072, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

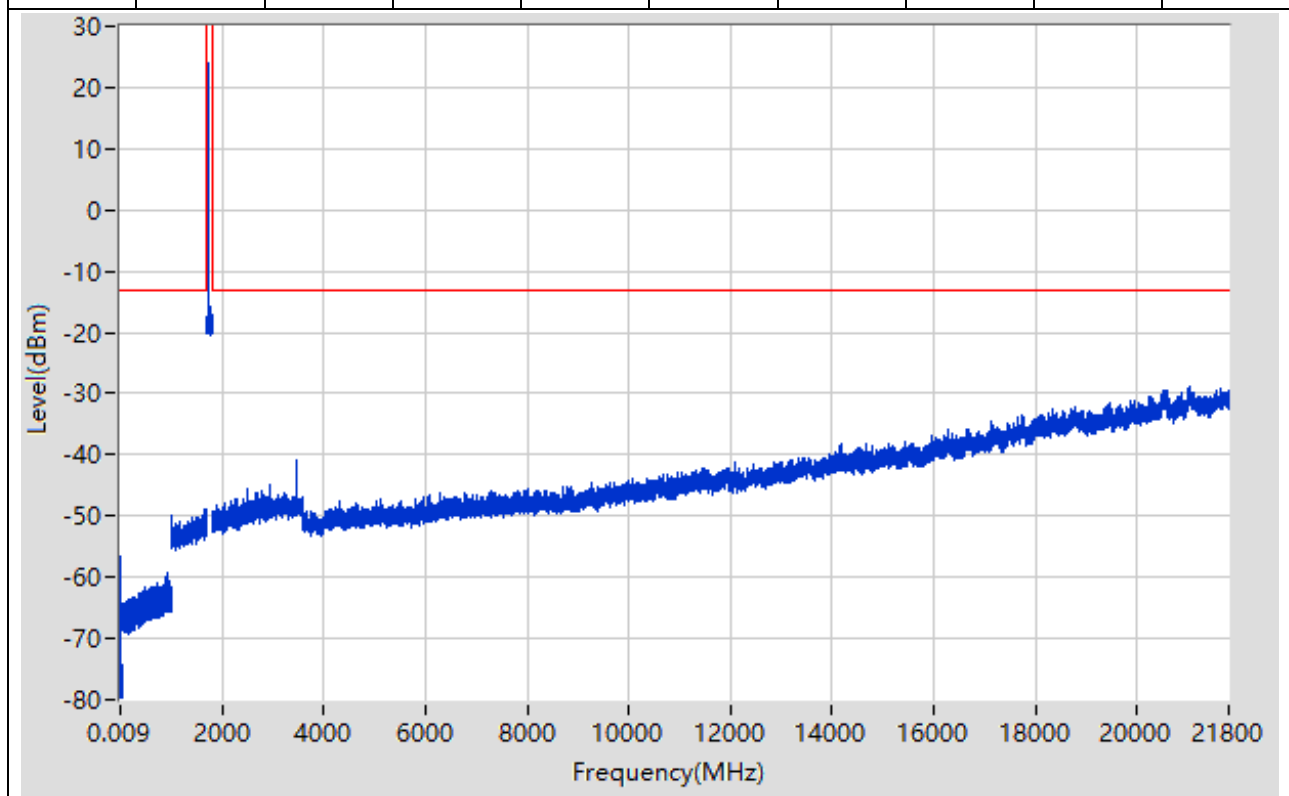
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.1	-13	43.1	Pass	401
0.15	30	0.01	RMS	0.15	-57.15	-13	44.15	Pass	2986
30	1000	0.1	RMS	961.9	-59.43	-13	46.43	Pass	9701
1000	1690	1	RMS	1613	-49.37	-13	36.37	Pass	691
1690	1800	1	RMS	1711.45	25.21	60	34.79	Pass	401
1800	3000	1	RMS	2706	-46.05	-13	33.05	Pass	1201
3000	21800	1	RMS	21059	-28.33	-13	15.33	Pass	18801



### 11.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:132322, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

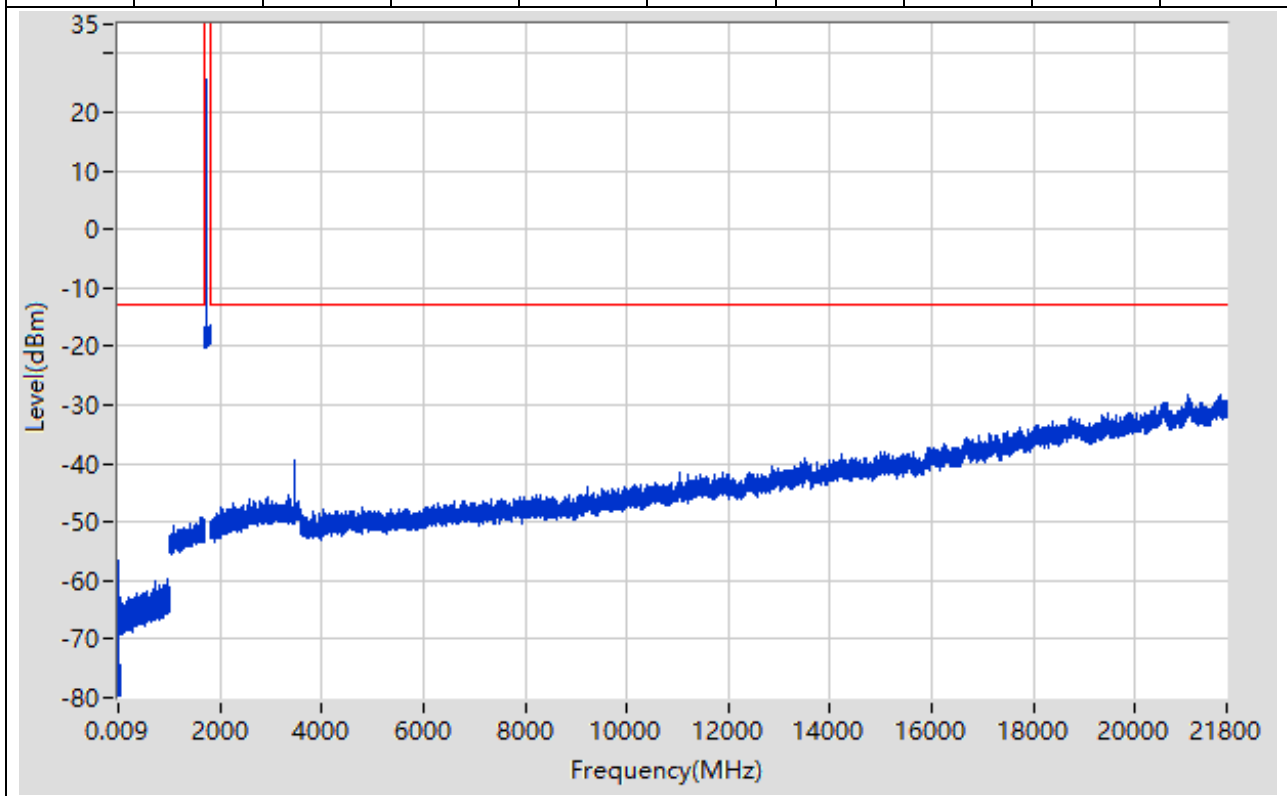
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.45	-13	43.45	Pass	401
0.15	30	0.01	RMS	0.15	-58.07	-13	45.07	Pass	2986
30	1000	0.1	RMS	928.4	-59.42	-13	46.42	Pass	9701
1000	1690	1	RMS	1666	-48.91	-13	35.91	Pass	691
1690	1800	1	RMS	1736.75	24.05	60	35.95	Pass	401
1800	3000	1	RMS	2948	-44.99	-13	31.99	Pass	1201
3000	21800	1	RMS	21047	-28.97	-13	15.97	Pass	18801



### 11.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:132322, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

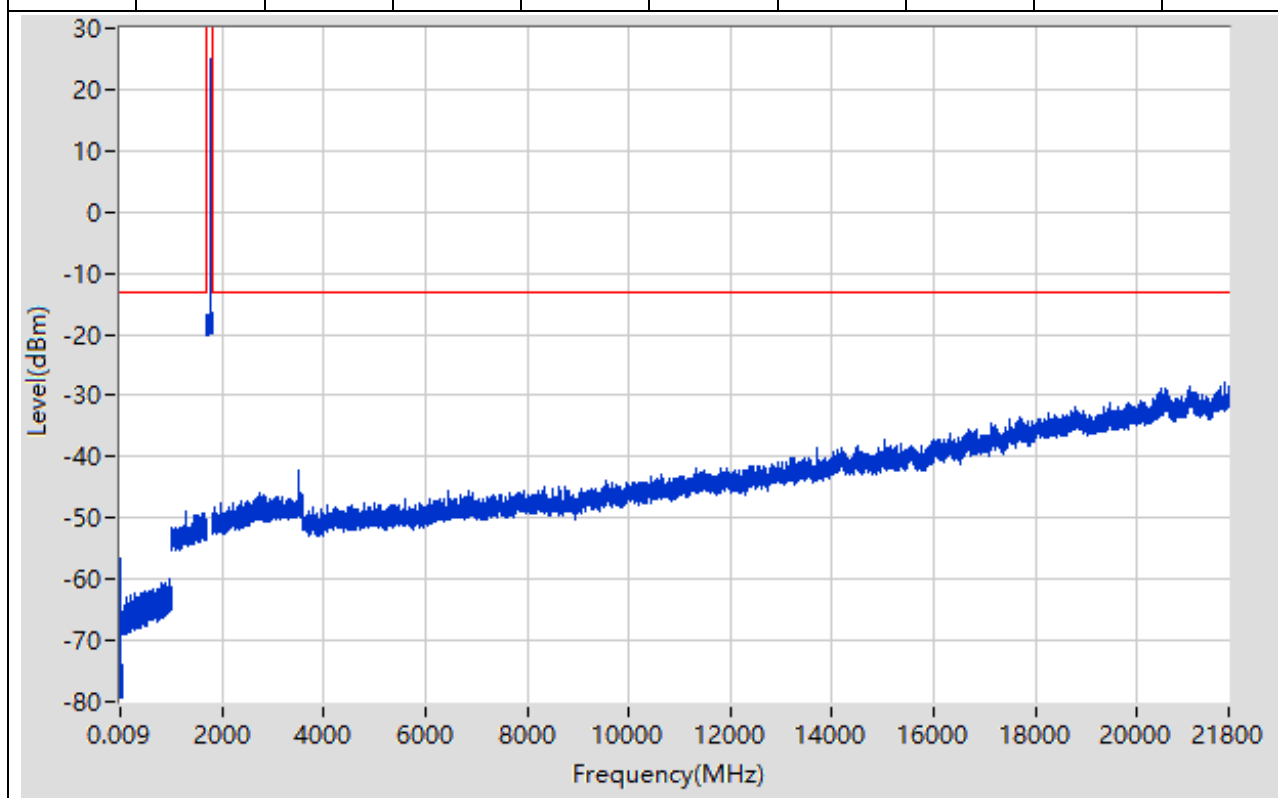
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.83	-13	43.83	Pass	401
0.15	30	0.01	RMS	0.15	-56.41	-13	43.41	Pass	2986
30	1000	0.1	RMS	957.5	-59.89	-13	46.89	Pass	9701
1000	1690	1	RMS	1651	-49.16	-13	36.16	Pass	691
1690	1800	1	RMS	1736.475	25.51	60	34.49	Pass	401
1800	3000	1	RMS	2934	-45.77	-13	32.77	Pass	1201
3000	21800	1	RMS	21035	-28.23	-13	15.23	Pass	18801



### 11.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:132572, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

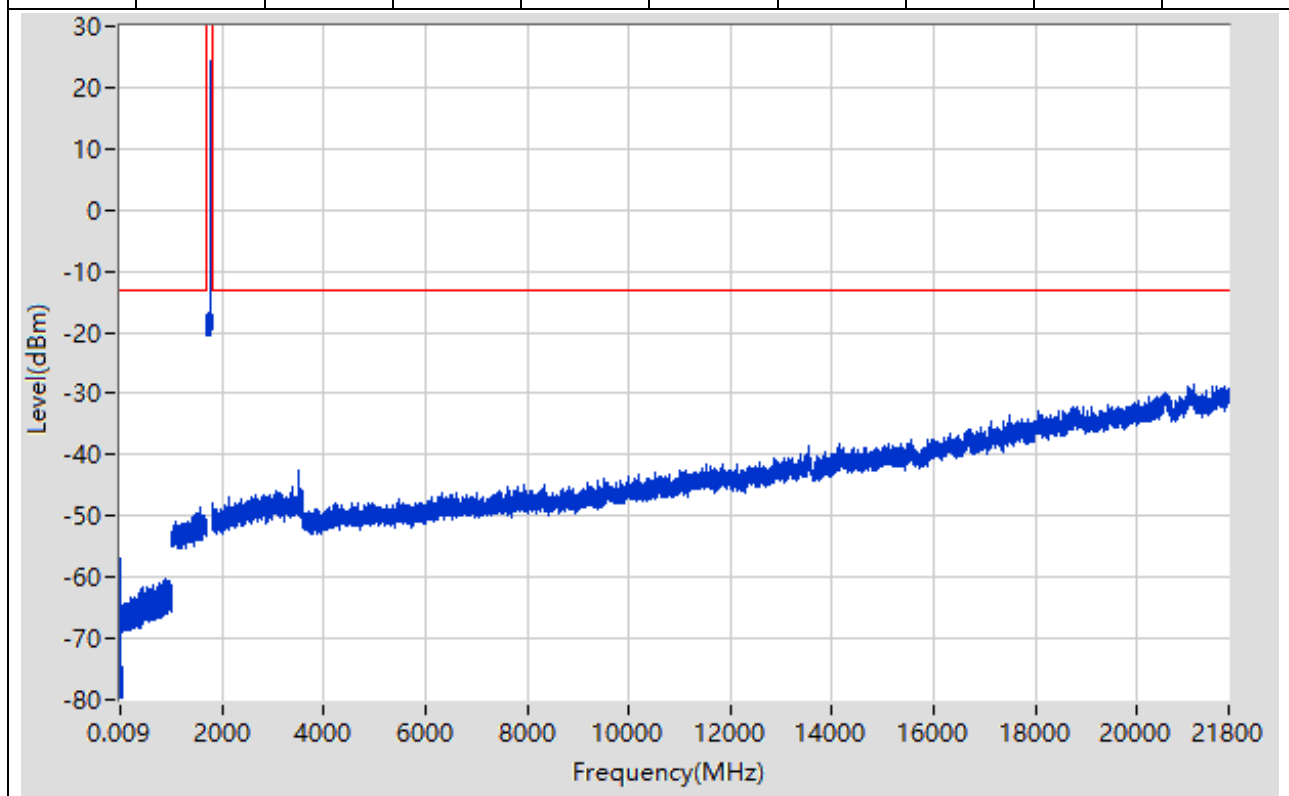
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.7	-13	43.7	Pass	401
0.15	30	0.01	RMS	0.16	-58.67	-13	45.67	Pass	2986
30	1000	0.1	RMS	984.8	-60.01	-13	47.01	Pass	9701
1000	1690	1	RMS	1275	-48.97	-13	35.97	Pass	691
1690	1800	1	RMS	1762.325	24.84	60	35.16	Pass	401
1800	3000	1	RMS	2747	-45.98	-13	32.98	Pass	1201
3000	21800	1	RMS	21738	-27.87	-13	14.87	Pass	18801



### 11.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:132572, 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	-56.85	-13	43.85	Pass	401
0.15	30	0.01	RMS	0.15	-58.94	-13	45.94	Pass	2986
30	1000	0.1	RMS	871	-60.34	-13	47.34	Pass	9701
1000	1690	1	RMS	1565	-48.71	-13	35.71	Pass	691
1690	1800	1	RMS	1762.325	24.23	60	35.77	Pass	401
1800	3000	1	RMS	2670	-46.43	-13	33.43	Pass	1201
3000	21800	1	RMS	21102	-28.48	-13	15.48	Pass	18801

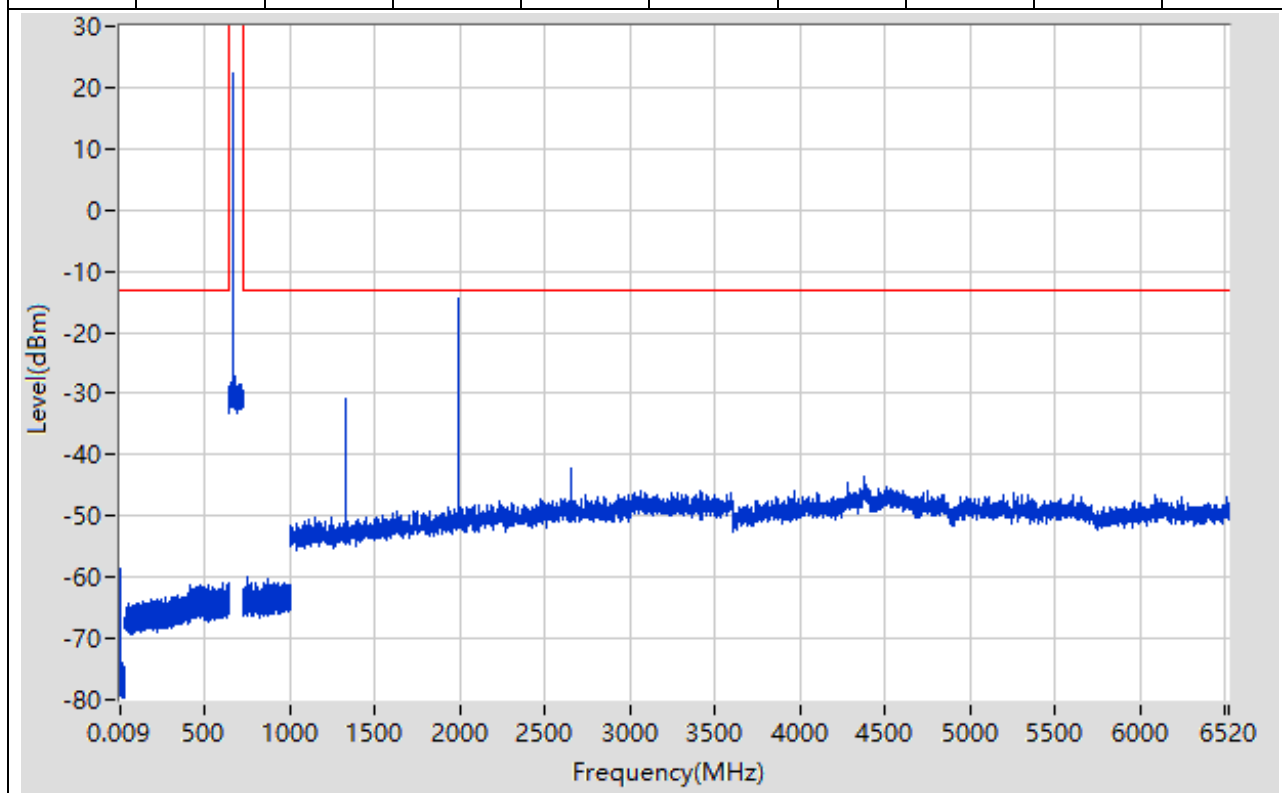


## 12. Cat-M\_Band71

### 12.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:133147, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

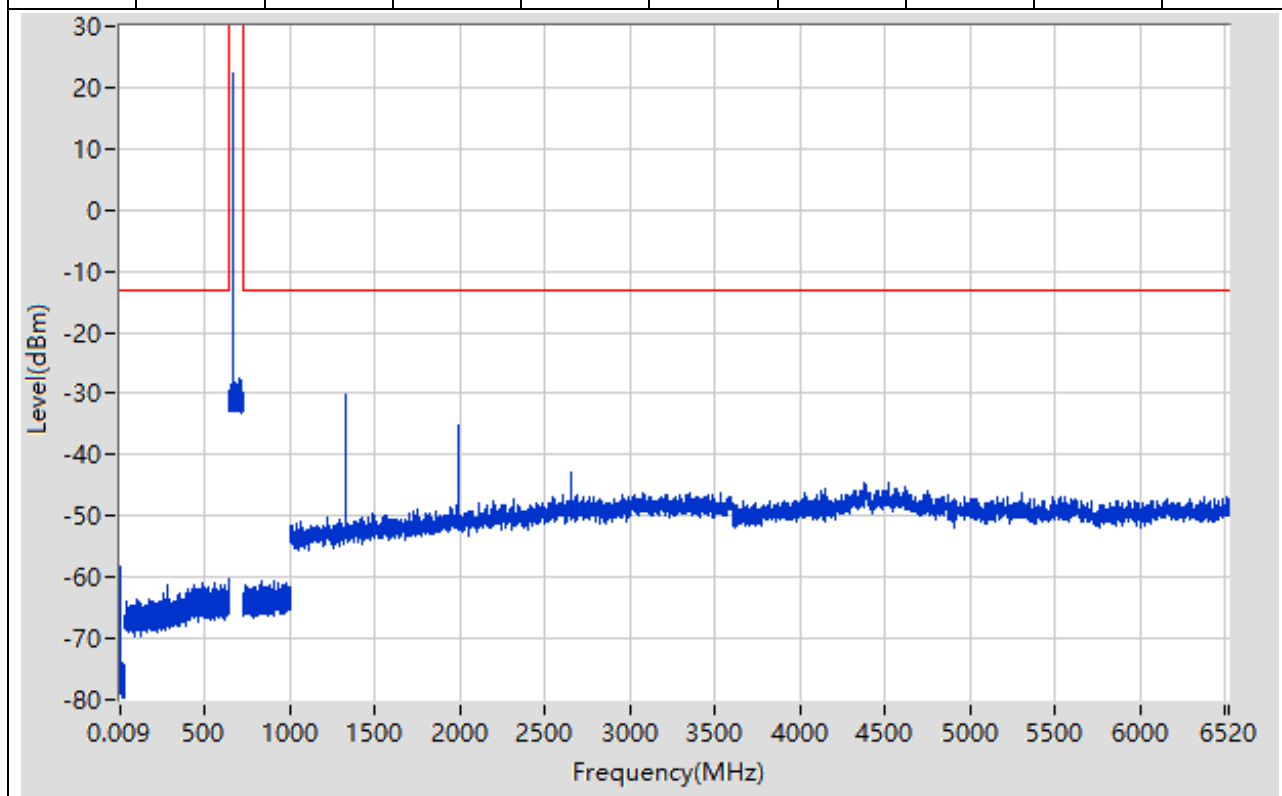
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-60.43	-13	47.43	Pass	401
0.15	30	0.01	RMS	0.15	-58.56	-13	45.56	Pass	2986
30	643	0.1	RMS	638.8	-60.97	-13	47.97	Pass	6131
643	718	0.1	RMS	663.3	22.4	60	37.6	Pass	751
718	1000	0.1	RMS	744.2	-59.8	-13	46.8	Pass	2821
1000	3000	1	RMS	1989	-14.55	-13	1.55	Pass	2001
3000	6520	1	RMS	4374	-43.64	-13	30.64	Pass	3521



## 12.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:133147, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

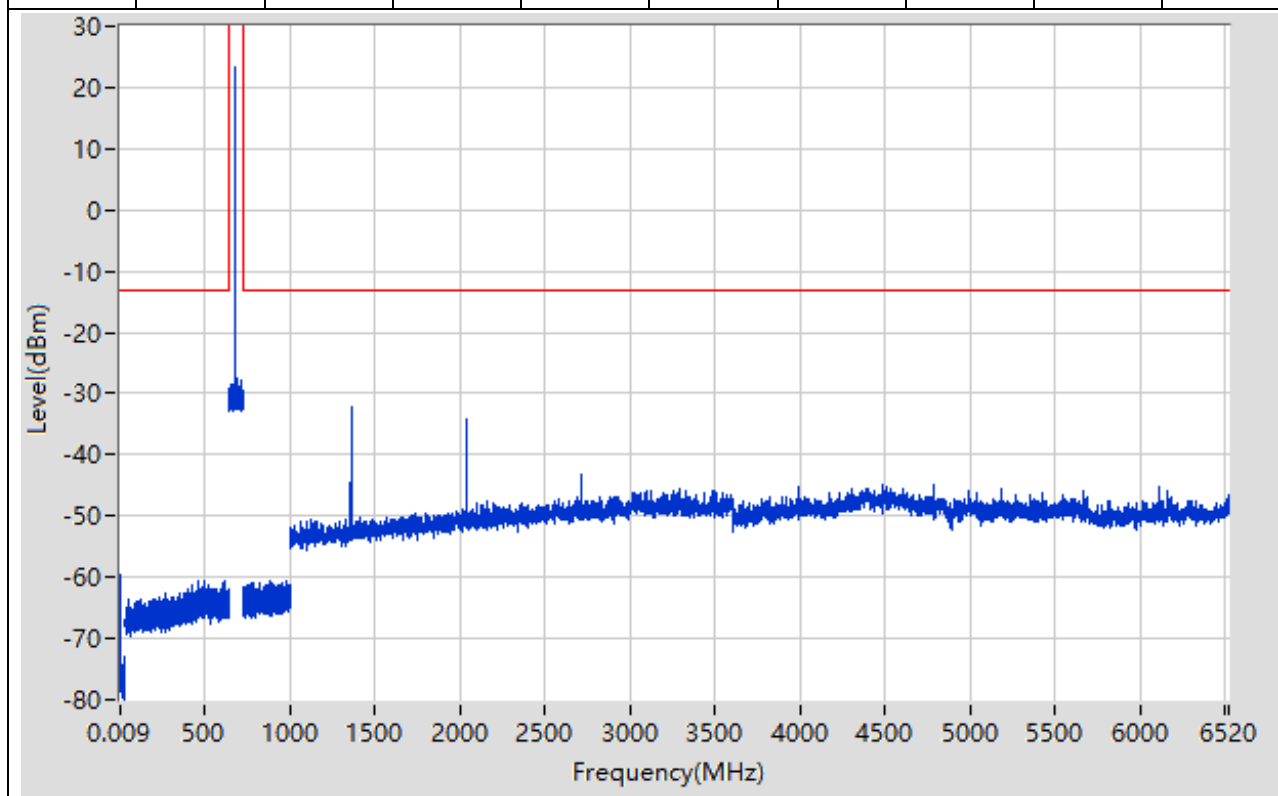
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-60.25	-13	47.25	Pass	401
0.15	30	0.01	RMS	0.15	-58.34	-13	45.34	Pass	2986
30	643	0.1	RMS	638.9	-60.43	-13	47.43	Pass	6131
643	718	0.1	RMS	663.3	22.18	60	37.82	Pass	751
718	1000	0.1	RMS	907.1	-60.48	-13	47.48	Pass	2821
1000	3000	1	RMS	1327	-30.05	-13	17.05	Pass	2001
3000	6520	1	RMS	4521	-44.4	-13	31.4	Pass	3521



### 12.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:133297, 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	0.029	-60.91	-13	47.91	Pass	401
0.15	30	0.01	RMS	0.15	-59.47	-13	46.47	Pass	2986
30	643	0.1	RMS	620.3	-60.49	-13	47.49	Pass	6131
643	718	0.1	RMS	678.3	23.15	60	36.85	Pass	751
718	1000	0.1	RMS	976.1	-60.48	-13	47.48	Pass	2821
1000	3000	1	RMS	1357	-32.1	-13	19.1	Pass	2001
3000	6520	1	RMS	4478	-45.04	-13	32.04	Pass	3521

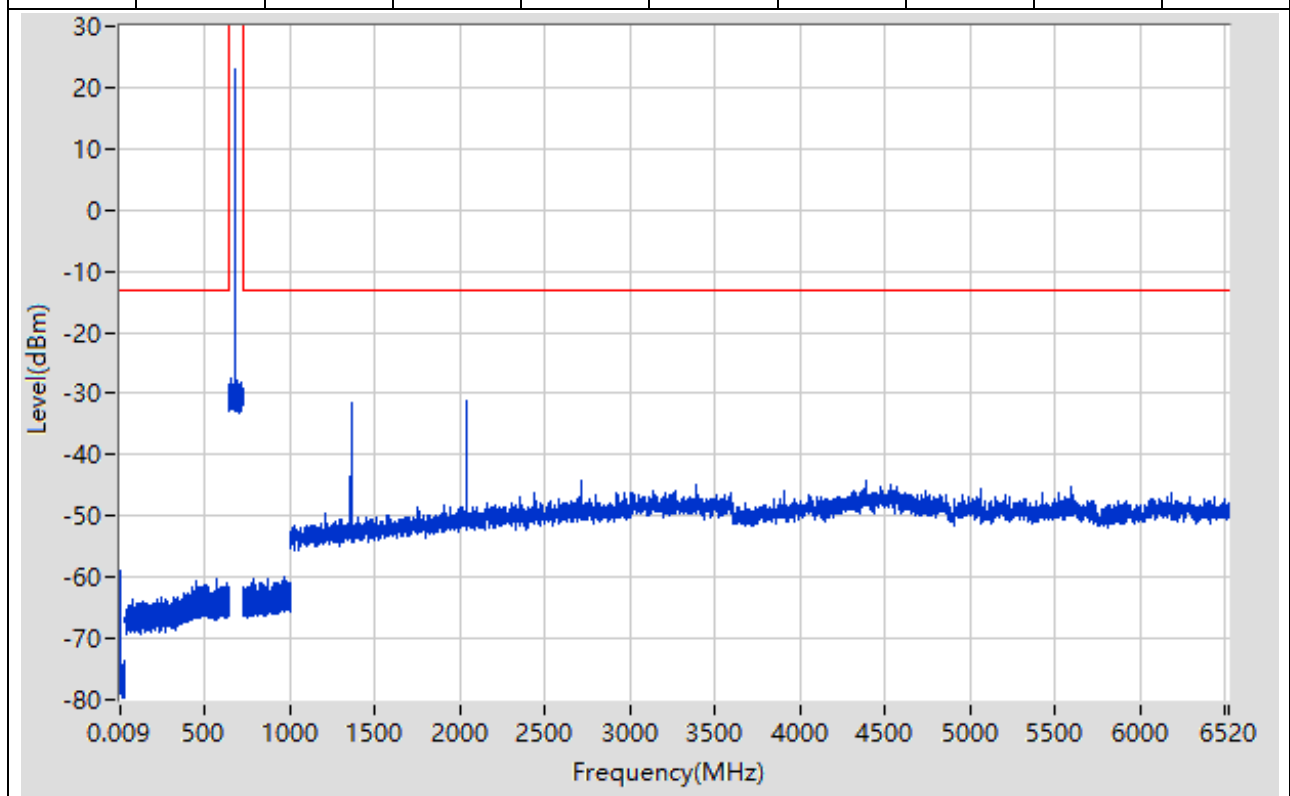




## 12.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:133297, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

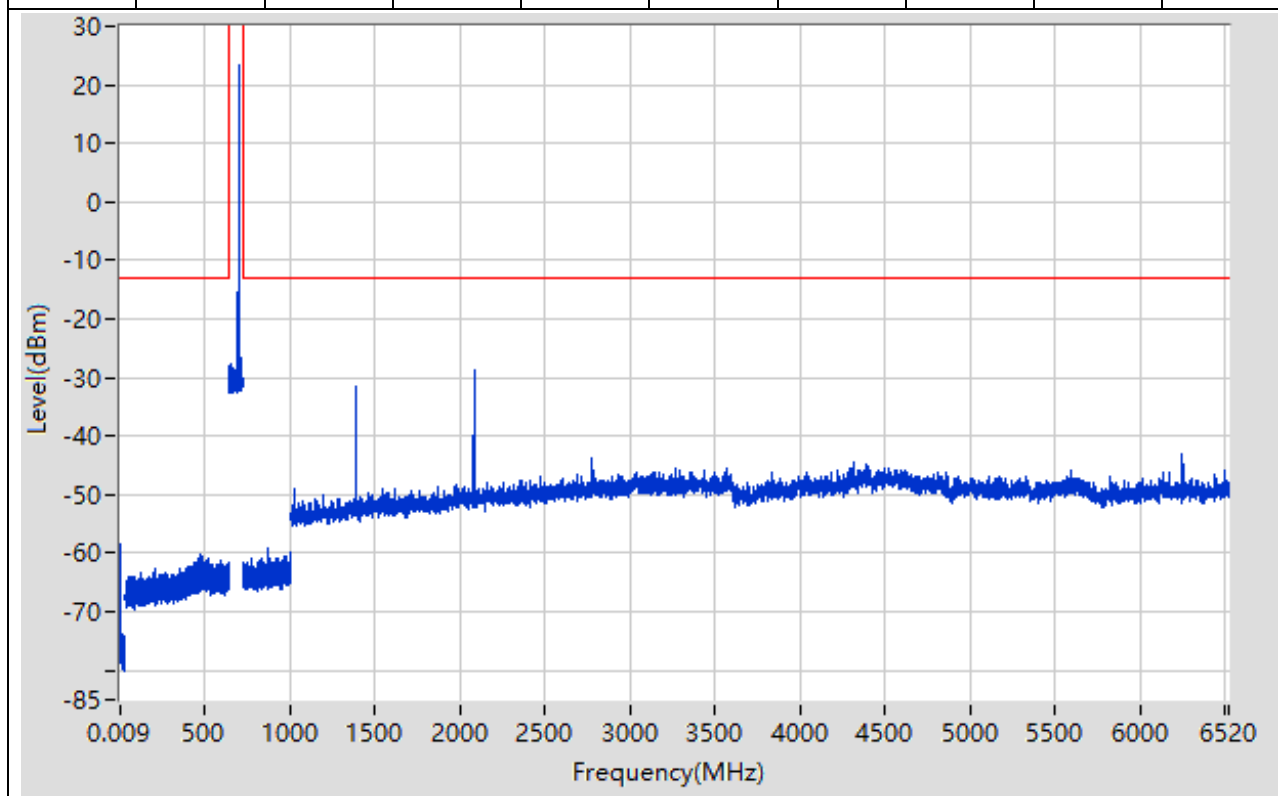
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.96	-13	46.96	Pass	401
0.15	30	0.01	RMS	0.15	-58.83	-13	45.83	Pass	2986
30	643	0.1	RMS	568.7	-60.27	-13	47.27	Pass	6131
643	718	0.1	RMS	678.3	23.14	60	36.86	Pass	751
718	1000	0.1	RMS	966.8	-59.9	-13	46.9	Pass	2821
1000	3000	1	RMS	2035	-31.29	-13	18.29	Pass	2001
3000	6520	1	RMS	4381	-44.27	-13	31.27	Pass	3521



### 12.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:133447, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

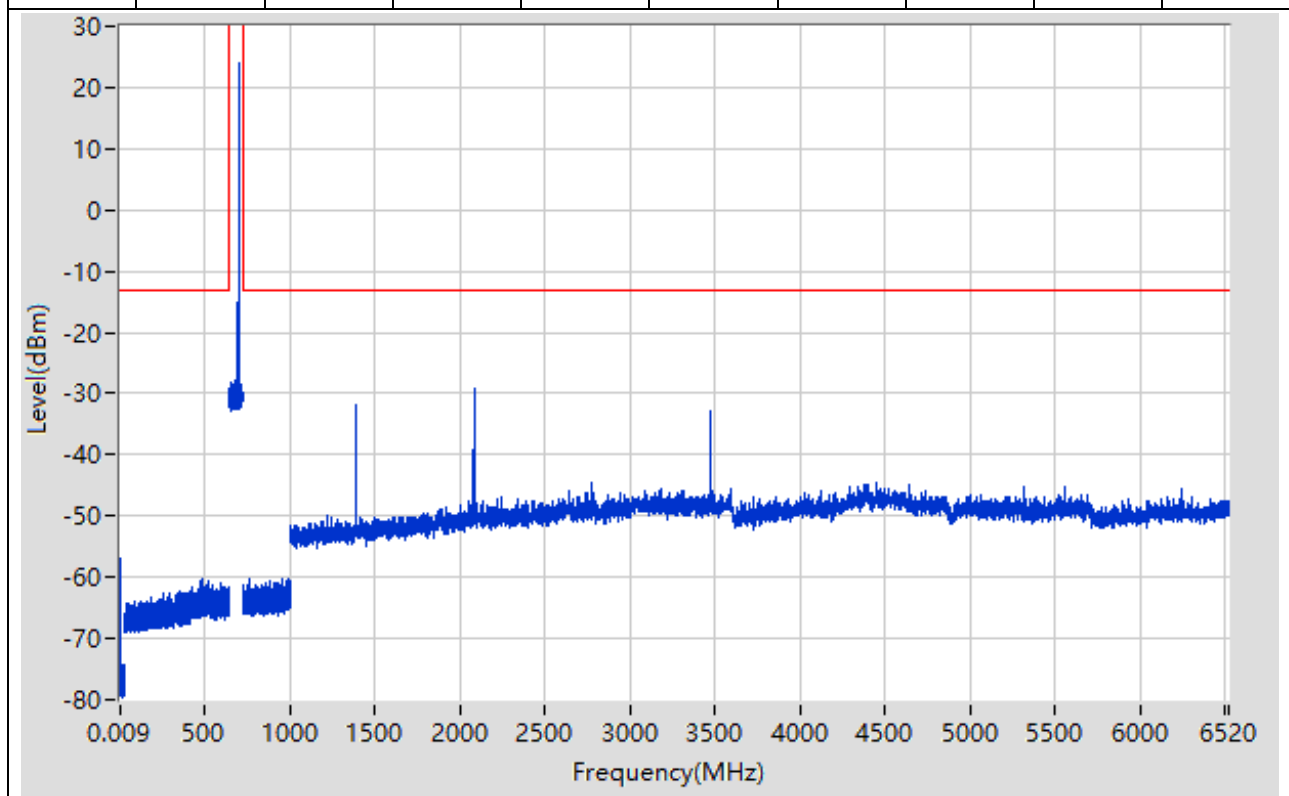
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.41	-13	47.41	Pass	401
0.15	30	0.01	RMS	0.15	-58.43	-13	45.43	Pass	2986
30	643	0.1	RMS	470.9	-60.18	-13	47.18	Pass	6131
643	718	0.1	RMS	694.2	23.22	60	36.78	Pass	751
718	1000	0.1	RMS	868.2	-58.98	-13	45.98	Pass	2821
1000	3000	1	RMS	2083	-28.8	-13	15.8	Pass	2001
3000	6520	1	RMS	6248	-42.91	-13	29.91	Pass	3521



### 12.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:133447, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

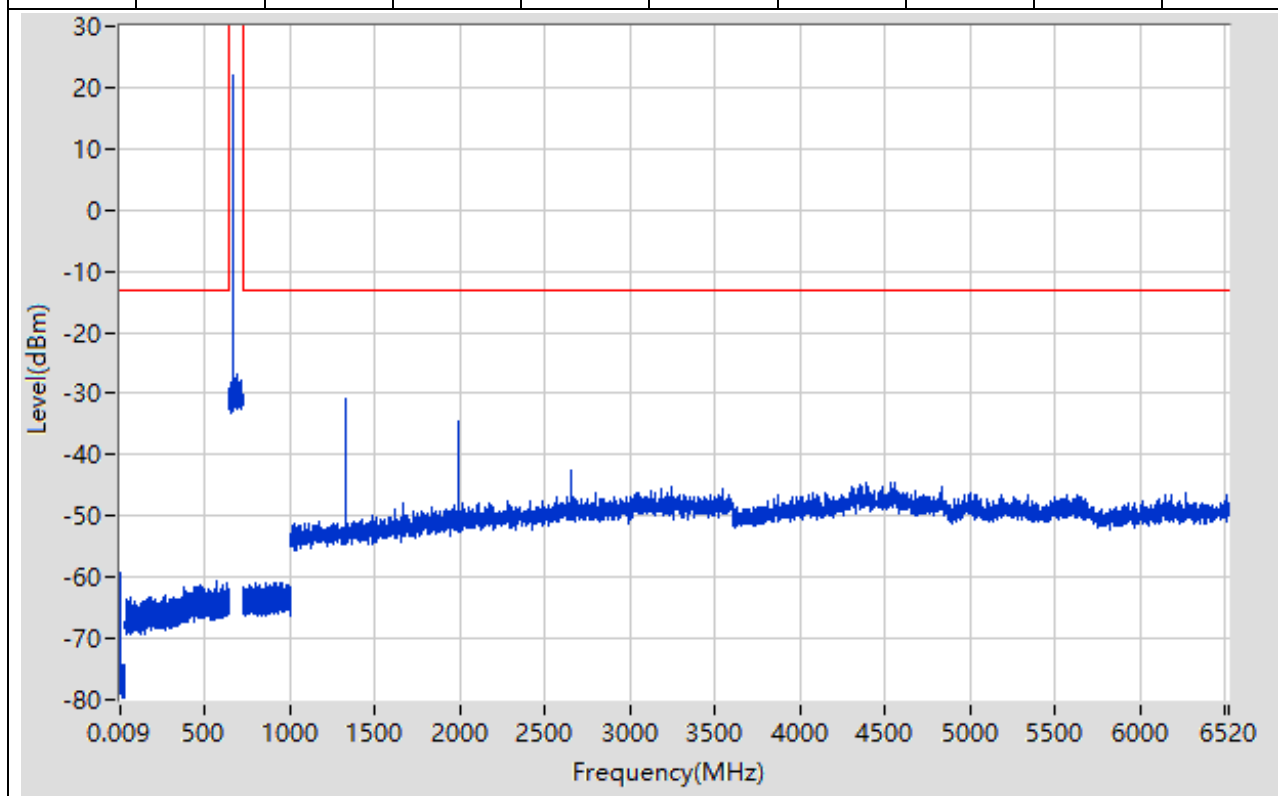
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.55	-13	47.55	Pass	401
0.15	30	0.01	RMS	0.15	-56.89	-13	43.89	Pass	2986
30	643	0.1	RMS	477.6	-60.19	-13	47.19	Pass	6131
643	718	0.1	RMS	694.2	23.83	60	36.17	Pass	751
718	1000	0.1	RMS	989.1	-60.19	-13	47.19	Pass	2821
1000	3000	1	RMS	2083	-29.06	-13	16.06	Pass	2001
3000	6520	1	RMS	3472	-32.74	-13	19.74	Pass	3521



### 12.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:133172, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

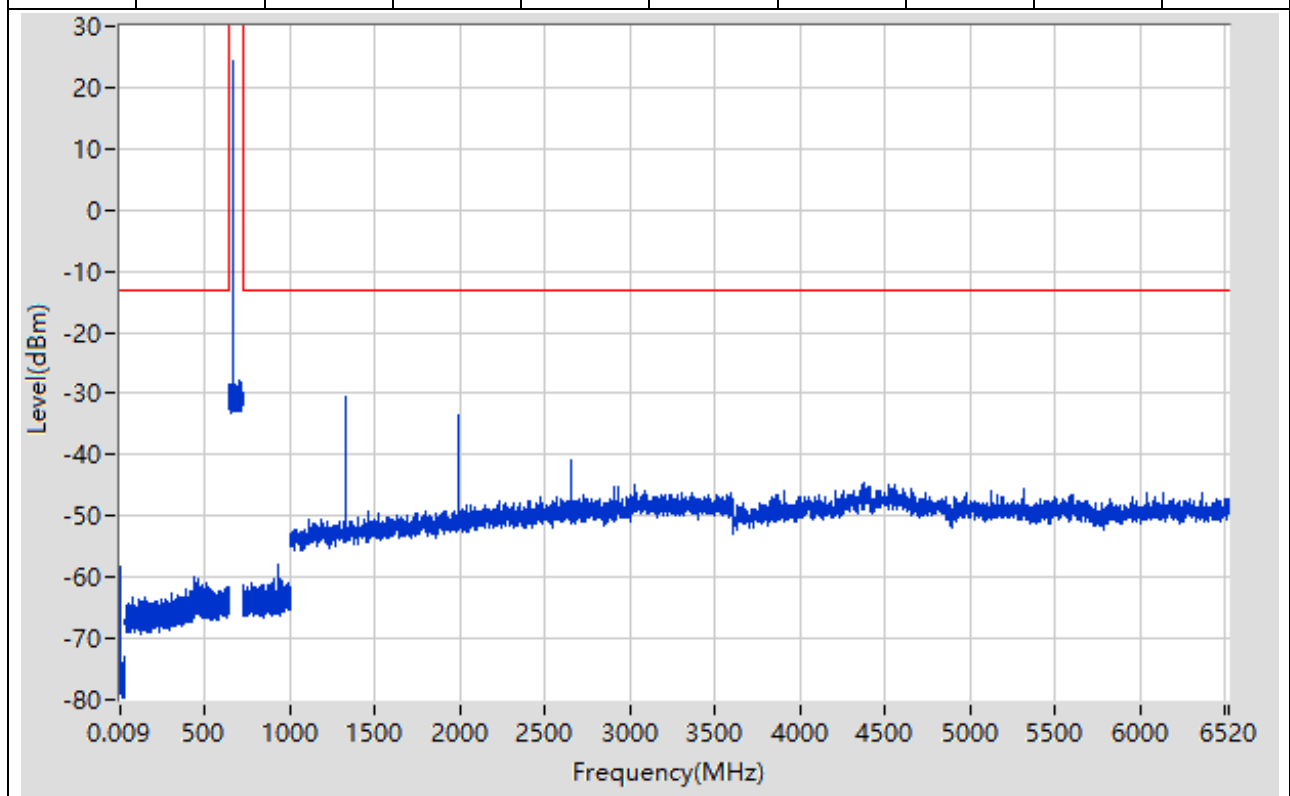
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.086	-60.45	-13	47.45	Pass	401
0.15	30	0.01	RMS	0.15	-59.38	-13	46.38	Pass	2986
30	643	0.1	RMS	567.7	-60.77	-13	47.77	Pass	6131
643	718	0.1	RMS	663.8	22.13	60	37.87	Pass	751
718	1000	0.1	RMS	954.6	-60.83	-13	47.83	Pass	2821
1000	3000	1	RMS	1328	-30.7	-13	17.7	Pass	2001
3000	6520	1	RMS	4391	-44.56	-13	31.56	Pass	3521



## 12.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:133172, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

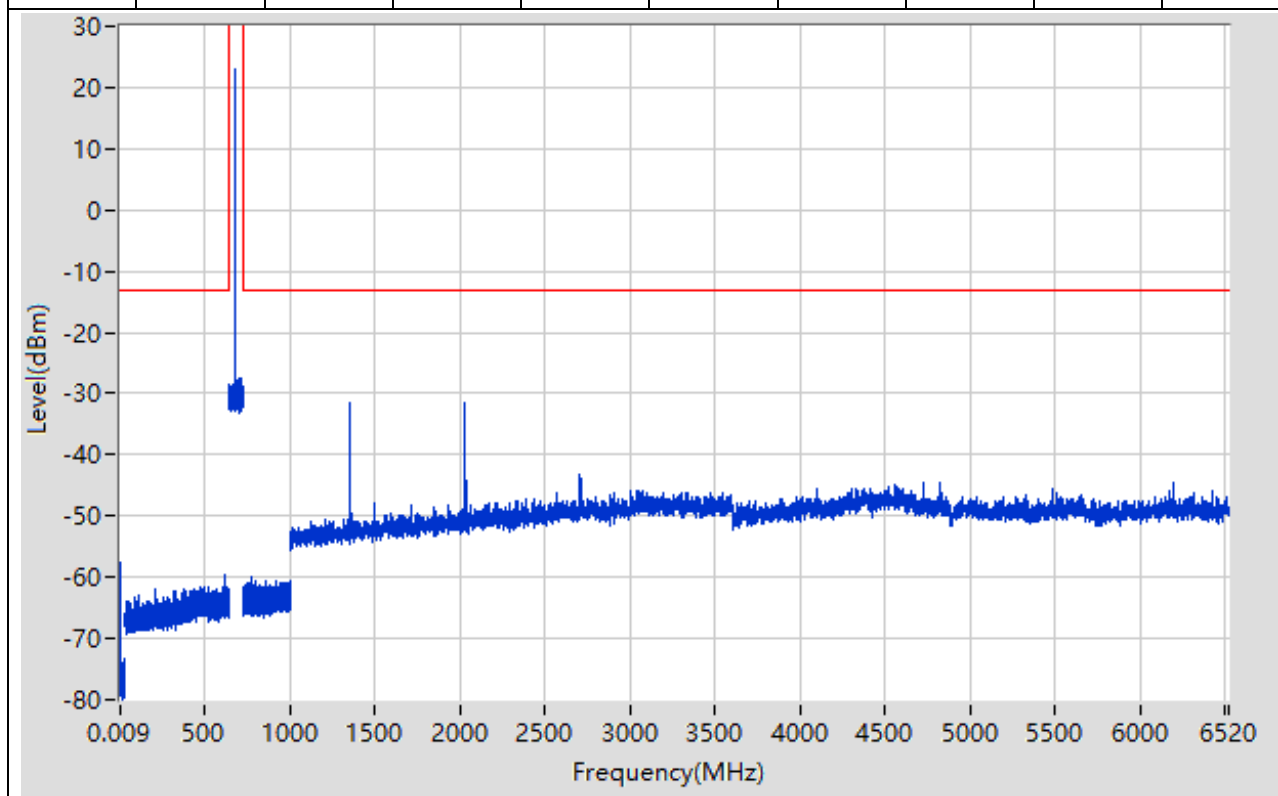
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-59.89	-13	46.89	Pass	401
0.15	30	0.01	RMS	0.15	-58.41	-13	45.41	Pass	2986
30	643	0.1	RMS	432	-59.96	-13	46.96	Pass	6131
643	718	0.1	RMS	663.8	24.45	60	35.55	Pass	751
718	1000	0.1	RMS	930.3	-57.87	-13	44.87	Pass	2821
1000	3000	1	RMS	1328	-30.67	-13	17.67	Pass	2001
3000	6520	1	RMS	4377	-44.62	-13	31.62	Pass	3521



### 12.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:133297, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

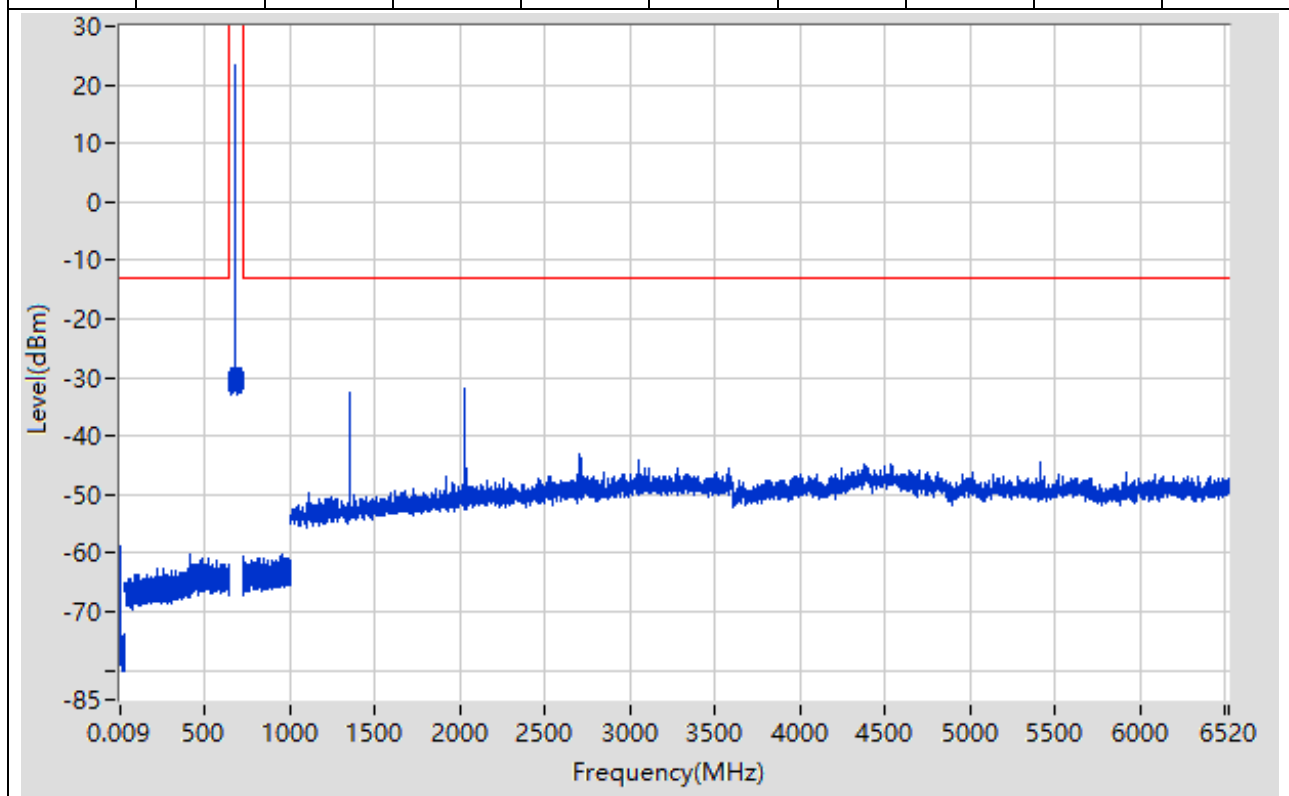
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.84	-13	46.84	Pass	401
0.15	30	0.01	RMS	0.15	-57.71	-13	44.71	Pass	2986
30	643	0.1	RMS	620.2	-59.55	-13	46.55	Pass	6131
643	718	0.1	RMS	676.3	22.95	60	37.05	Pass	751
718	1000	0.1	RMS	769.4	-59.96	-13	46.96	Pass	2821
1000	3000	1	RMS	1353	-31.38	-13	18.38	Pass	2001
3000	6520	1	RMS	4818	-44.53	-13	31.53	Pass	3521



### 12.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:133297, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

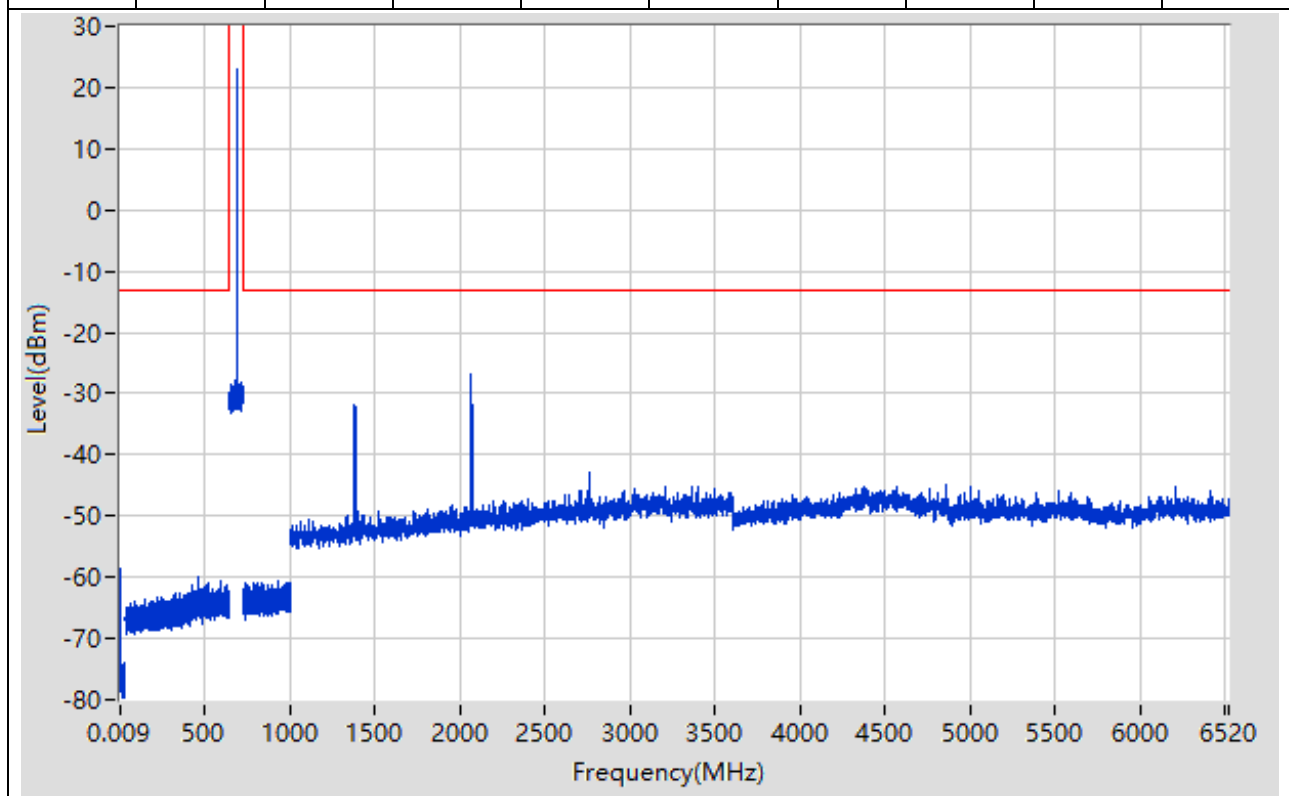
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-59.61	-13	46.61	Pass	401
0.15	30	0.01	RMS	0.15	-58.79	-13	45.79	Pass	2986
30	643	0.1	RMS	411.5	-60.1	-13	47.1	Pass	6131
643	718	0.1	RMS	676.2	23.28	60	36.72	Pass	751
718	1000	0.1	RMS	954.7	-60.03	-13	47.03	Pass	2821
1000	3000	1	RMS	2029	-32.02	-13	19.02	Pass	2001
3000	6520	1	RMS	3048	-44.16	-13	31.16	Pass	3521



### 12.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:133422, 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	-59.27	-13	46.27	Pass	401
0.15	30	0.01	RMS	0.15	-58.75	-13	45.75	Pass	2986
30	643	0.1	RMS	452.7	-59.78	-13	46.78	Pass	6131
643	718	0.1	RMS	689.6	23	60	37	Pass	751
718	1000	0.1	RMS	923	-60.77	-13	47.77	Pass	2821
1000	3000	1	RMS	2066	-26.94	-13	13.94	Pass	2001
3000	6520	1	RMS	4855	-44.85	-13	31.85	Pass	3521

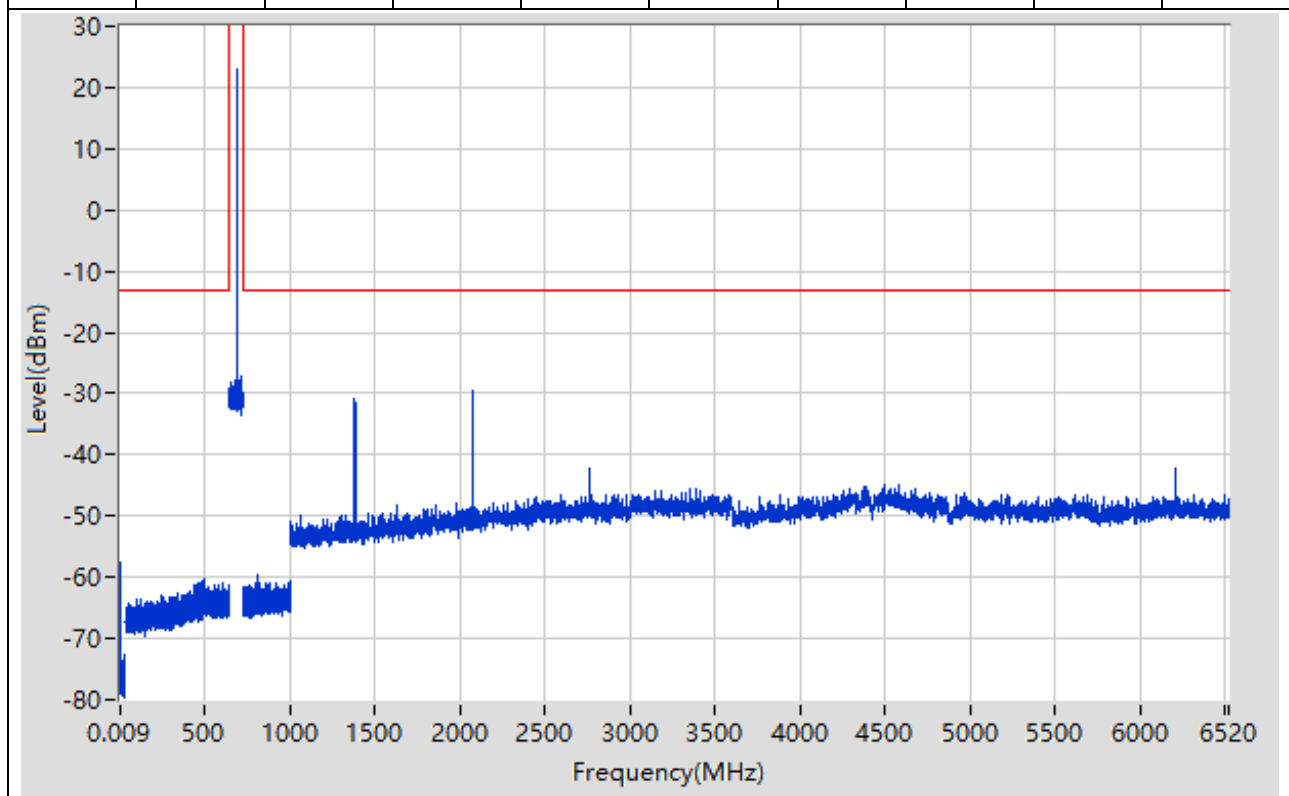




### 12.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:133422, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

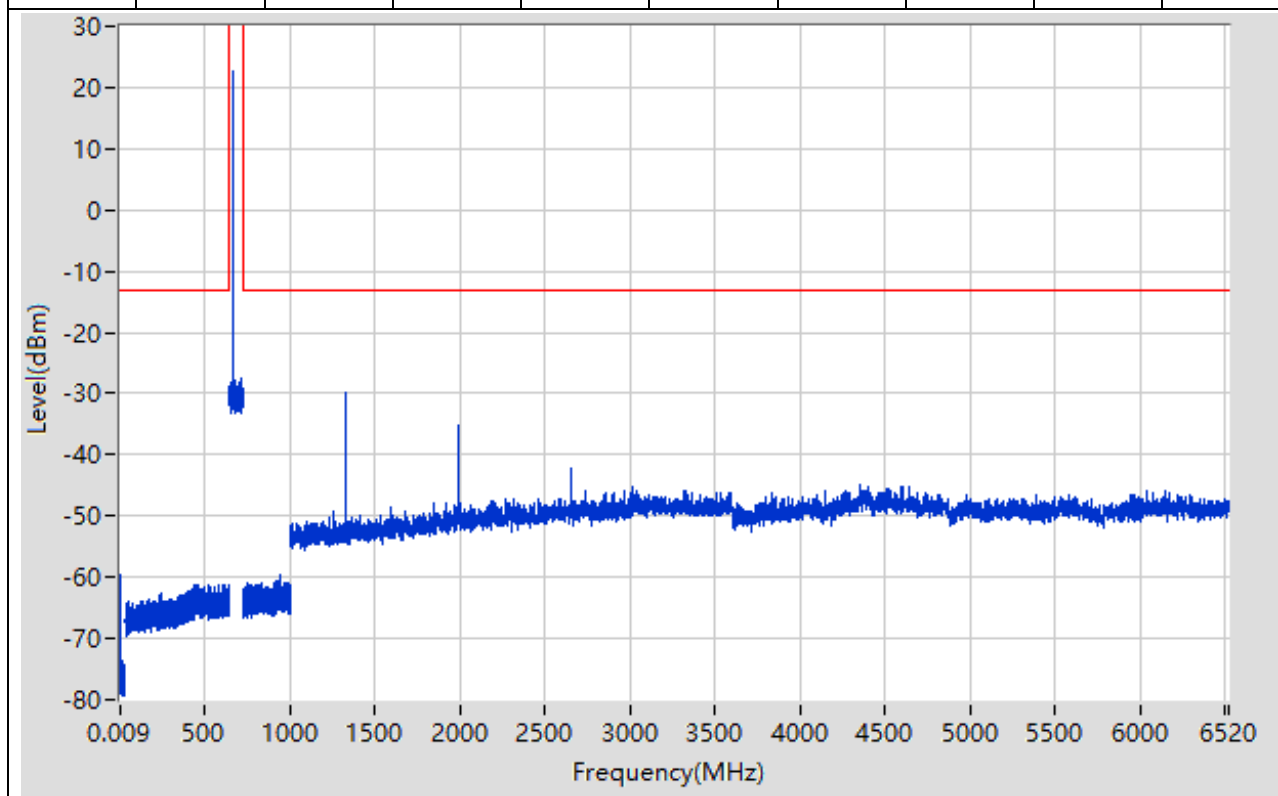
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-60.02	-13	47.02	Pass	401
0.15	30	0.01	RMS	0.15	-57.62	-13	44.62	Pass	2986
30	643	0.1	RMS	492.2	-60.24	-13	47.24	Pass	6131
643	718	0.1	RMS	689.6	22.89	60	37.11	Pass	751
718	1000	0.1	RMS	806.1	-59.46	-13	46.46	Pass	2821
1000	3000	1	RMS	2069	-29.67	-13	16.67	Pass	2001
3000	6520	1	RMS	6207	-42.29	-13	29.29	Pass	3521



### 12.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:133197, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

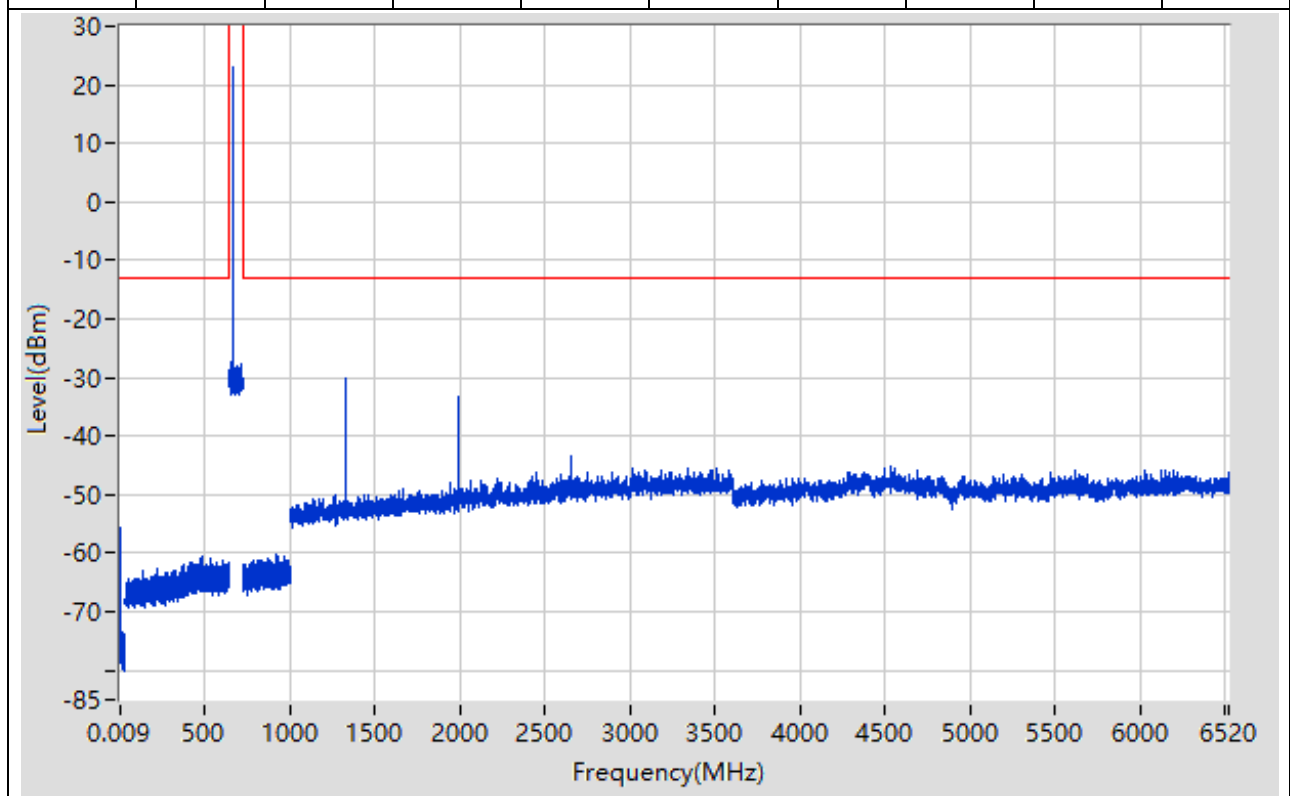
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.67	-13	46.67	Pass	401
0.15	30	0.01	RMS	0.16	-60.02	-13	47.02	Pass	2986
30	643	0.1	RMS	609.6	-61.15	-13	48.15	Pass	6131
643	718	0.1	RMS	664	22.81	60	37.19	Pass	751
718	1000	0.1	RMS	936	-59.55	-13	46.55	Pass	2821
1000	3000	1	RMS	1328	-30.01	-13	17.01	Pass	2001
3000	6520	1	RMS	4349	-44.78	-13	31.78	Pass	3521



### 12.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:133197, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

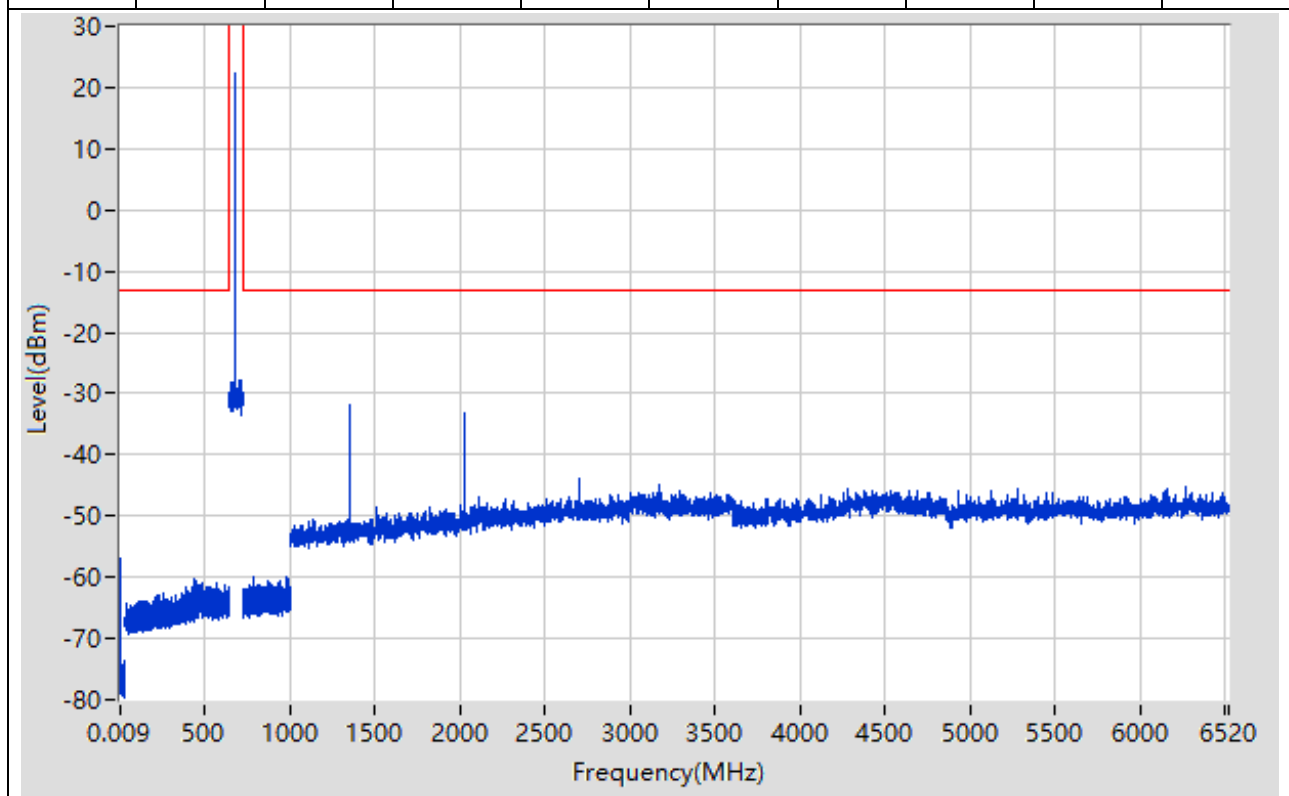
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-59.22	-13	46.22	Pass	401
0.15	30	0.01	RMS	0.15	-55.63	-13	42.63	Pass	2986
30	643	0.1	RMS	480.3	-60.67	-13	47.67	Pass	6131
643	718	0.1	RMS	664	22.9	60	37.1	Pass	751
718	1000	0.1	RMS	912.1	-60.3	-13	47.3	Pass	2821
1000	3000	1	RMS	1328	-30.21	-13	17.21	Pass	2001
3000	6520	1	RMS	4530	-45.26	-13	32.26	Pass	3521



### 12.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:133297, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

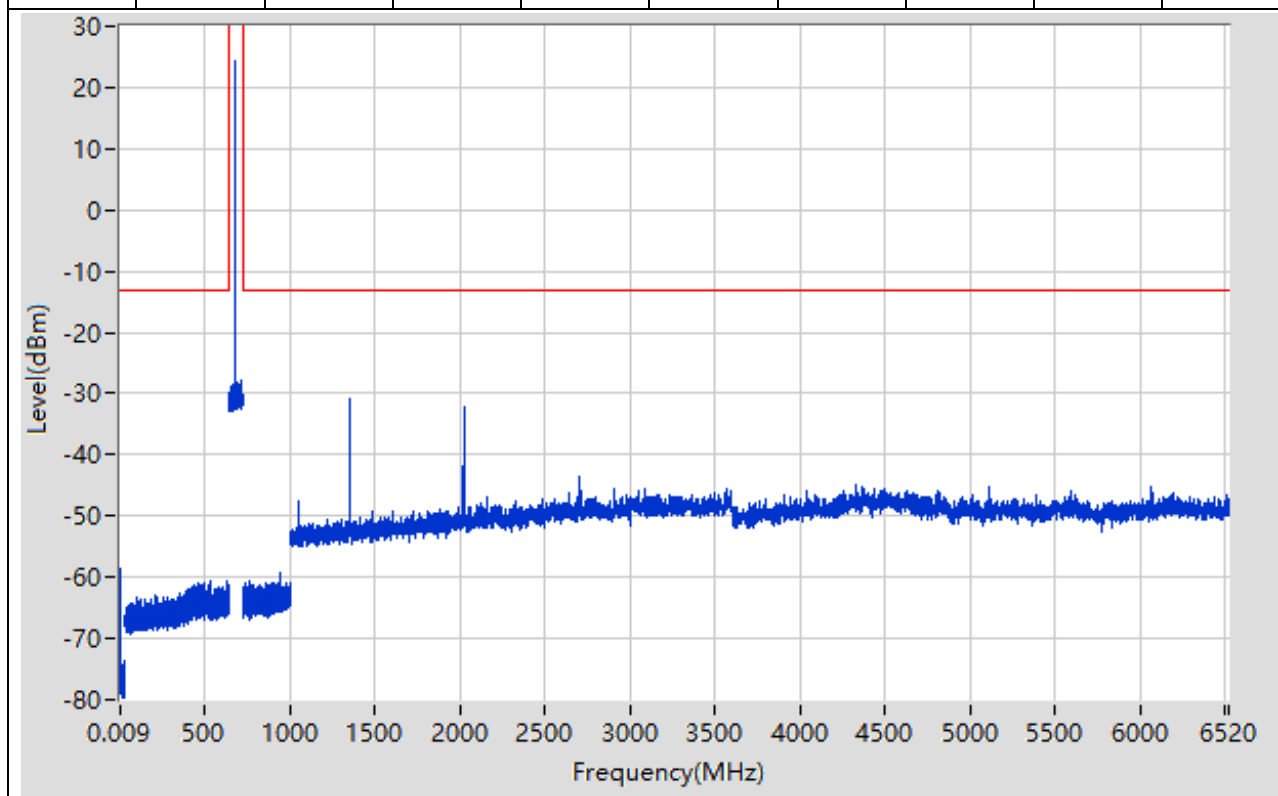
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-60.61	-13	47.61	Pass	401
0.15	30	0.01	RMS	0.15	-56.92	-13	43.92	Pass	2986
30	643	0.1	RMS	435.5	-60.27	-13	47.27	Pass	6131
643	718	0.1	RMS	674	22.33	60	37.67	Pass	751
718	1000	0.1	RMS	784.5	-59.87	-13	46.87	Pass	2821
1000	3000	1	RMS	1348	-31.88	-13	18.88	Pass	2001
3000	6520	1	RMS	3175	-44.93	-13	31.93	Pass	3521



### 12.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:133297, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

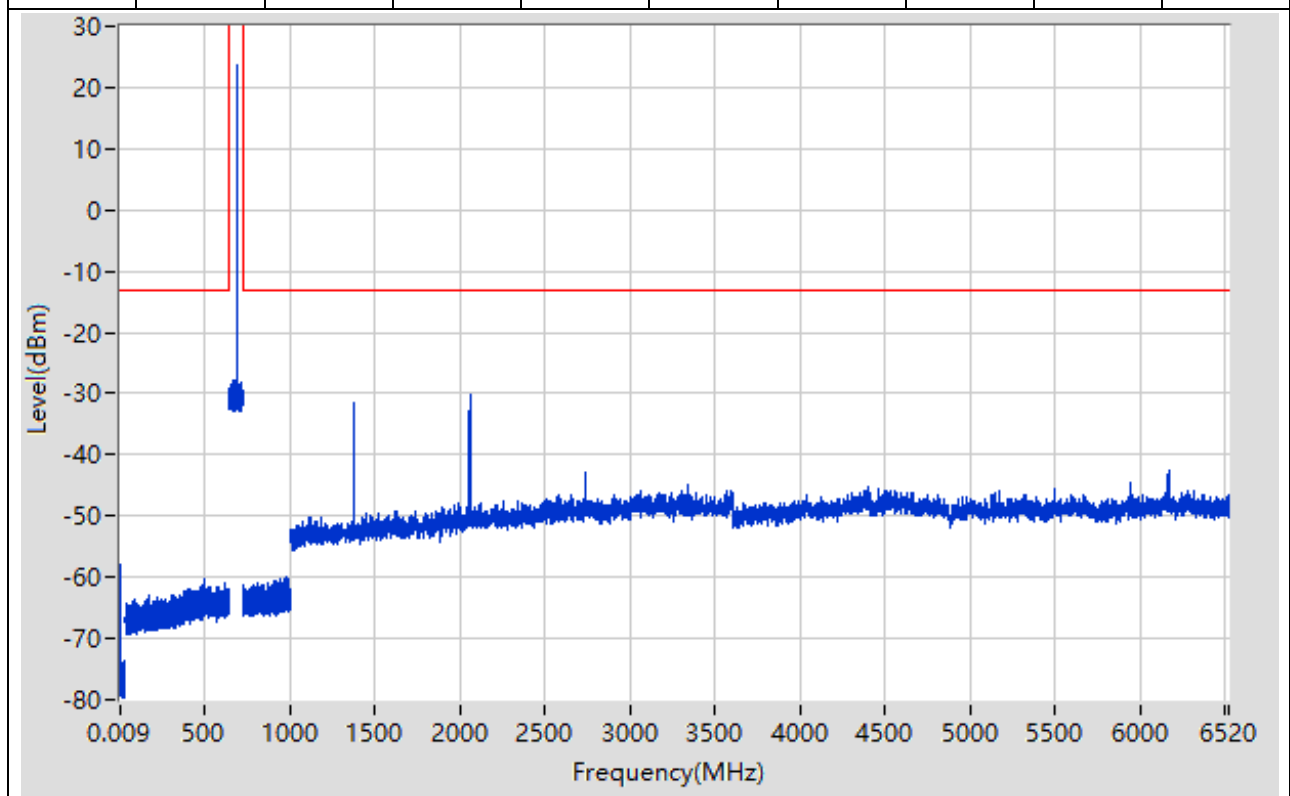
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.026	-60.64	-13	47.64	Pass	401
0.15	30	0.01	RMS	0.16	-58.51	-13	45.51	Pass	2986
30	643	0.1	RMS	624.7	-60.73	-13	47.73	Pass	6131
643	718	0.1	RMS	674	24.26	60	35.74	Pass	751
718	1000	0.1	RMS	942.1	-59.35	-13	46.35	Pass	2821
1000	3000	1	RMS	1348	-30.72	-13	17.72	Pass	2001
3000	6520	1	RMS	4329	-45.03	-13	32.03	Pass	3521



### 12.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:133397, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

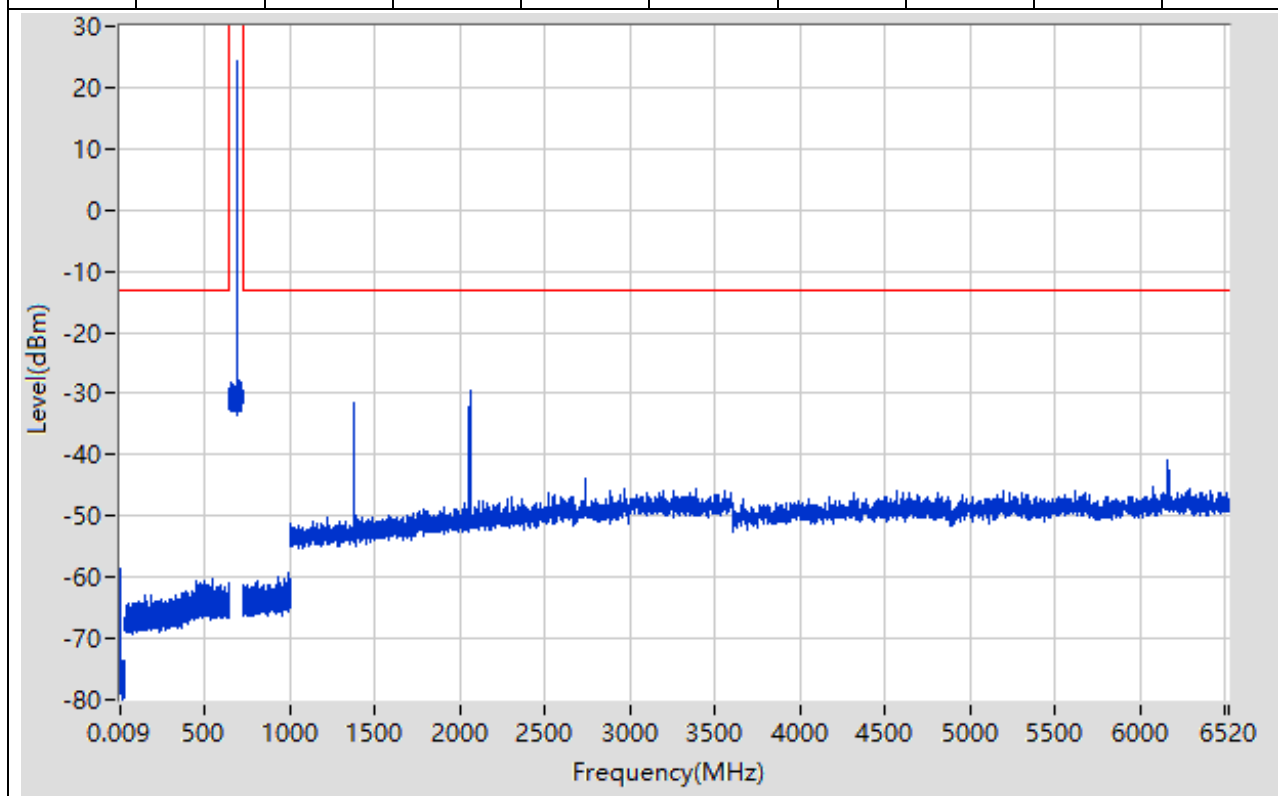
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.7	-13	46.7	Pass	401
0.15	30	0.01	RMS	0.15	-57.82	-13	44.82	Pass	2986
30	643	0.1	RMS	495.5	-60.36	-13	47.36	Pass	6131
643	718	0.1	RMS	684.9	23.5	60	36.5	Pass	751
718	1000	0.1	RMS	982.1	-59.84	-13	46.84	Pass	2821
1000	3000	1	RMS	2055	-30.2	-13	17.2	Pass	2001
3000	6520	1	RMS	6165	-42.71	-13	29.71	Pass	3521



### 12.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:133397, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

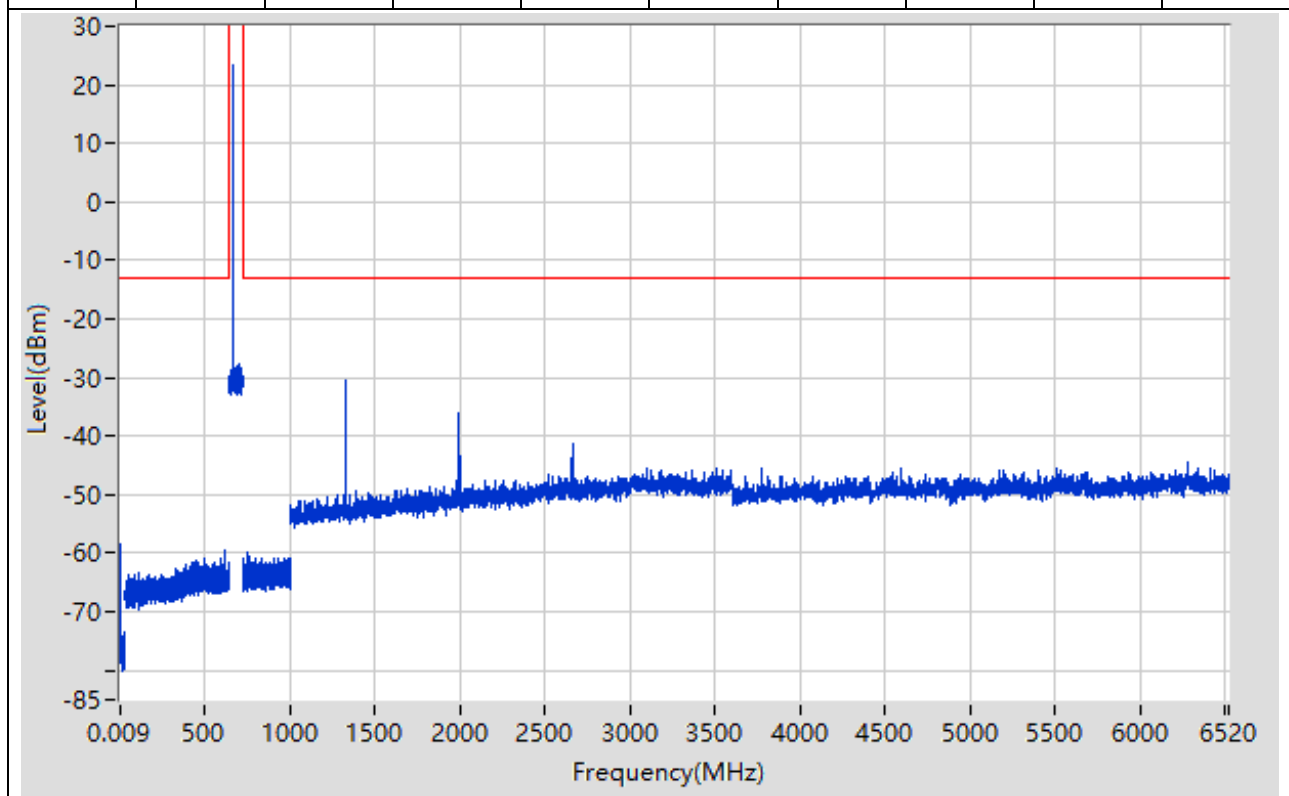
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-59.52	-13	46.52	Pass	401
0.15	30	0.01	RMS	0.16	-58.5	-13	45.5	Pass	2986
30	643	0.1	RMS	537.5	-60.38	-13	47.38	Pass	6131
643	718	0.1	RMS	684.9	24.21	60	35.79	Pass	751
718	1000	0.1	RMS	992.1	-59.33	-13	46.33	Pass	2821
1000	3000	1	RMS	2055	-29.52	-13	16.52	Pass	2001
3000	6520	1	RMS	6164	-40.8	-13	27.8	Pass	3521



### 12.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:133222, 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	0.011	-58.37	-13	45.37	Pass	401
0.15	30	0.01	RMS	0.15	-60.13	-13	47.13	Pass	2986
30	643	0.1	RMS	619.9	-59.52	-13	46.52	Pass	6131
643	718	0.1	RMS	664.4	23.23	60	36.77	Pass	751
718	1000	0.1	RMS	752.3	-59.79	-13	46.79	Pass	2821
1000	3000	1	RMS	1329	-30.57	-13	17.57	Pass	2001
3000	6520	1	RMS	6283	-44.51	-13	31.51	Pass	3521

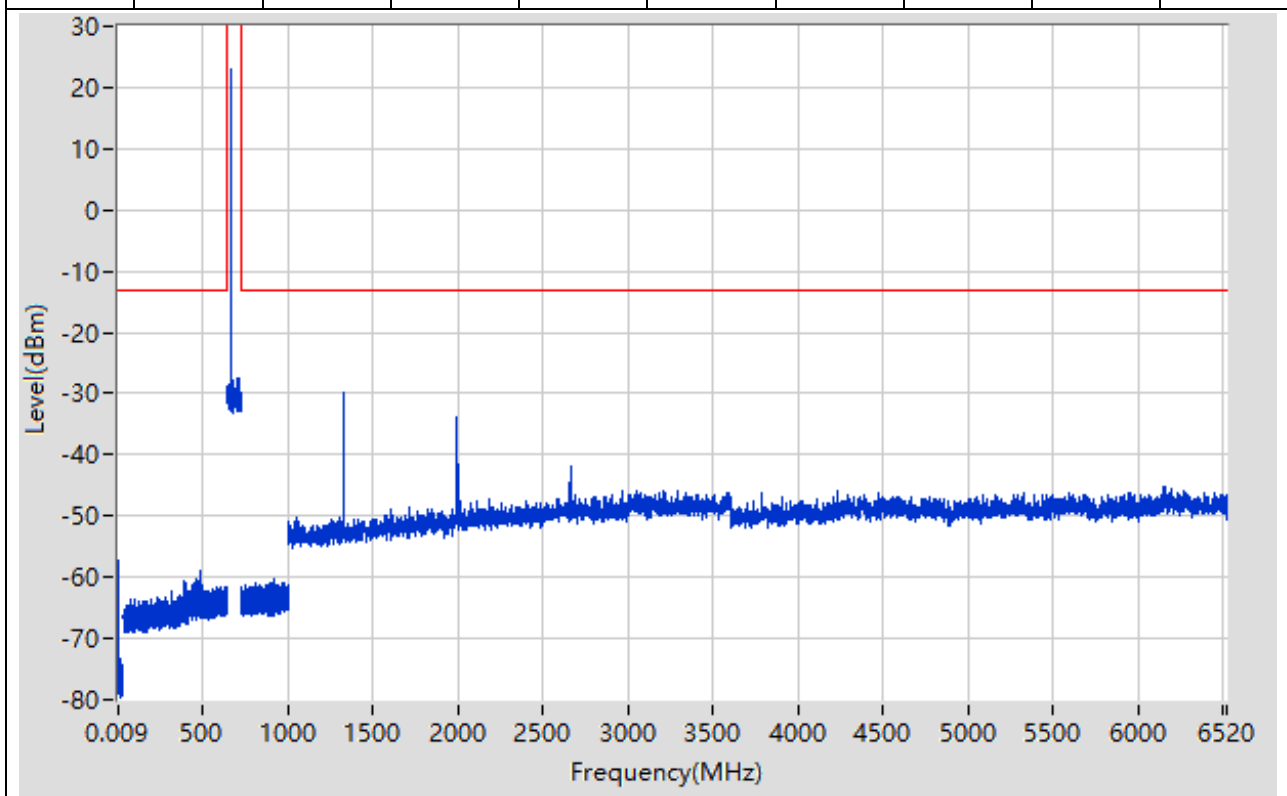




### 12.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:133222, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

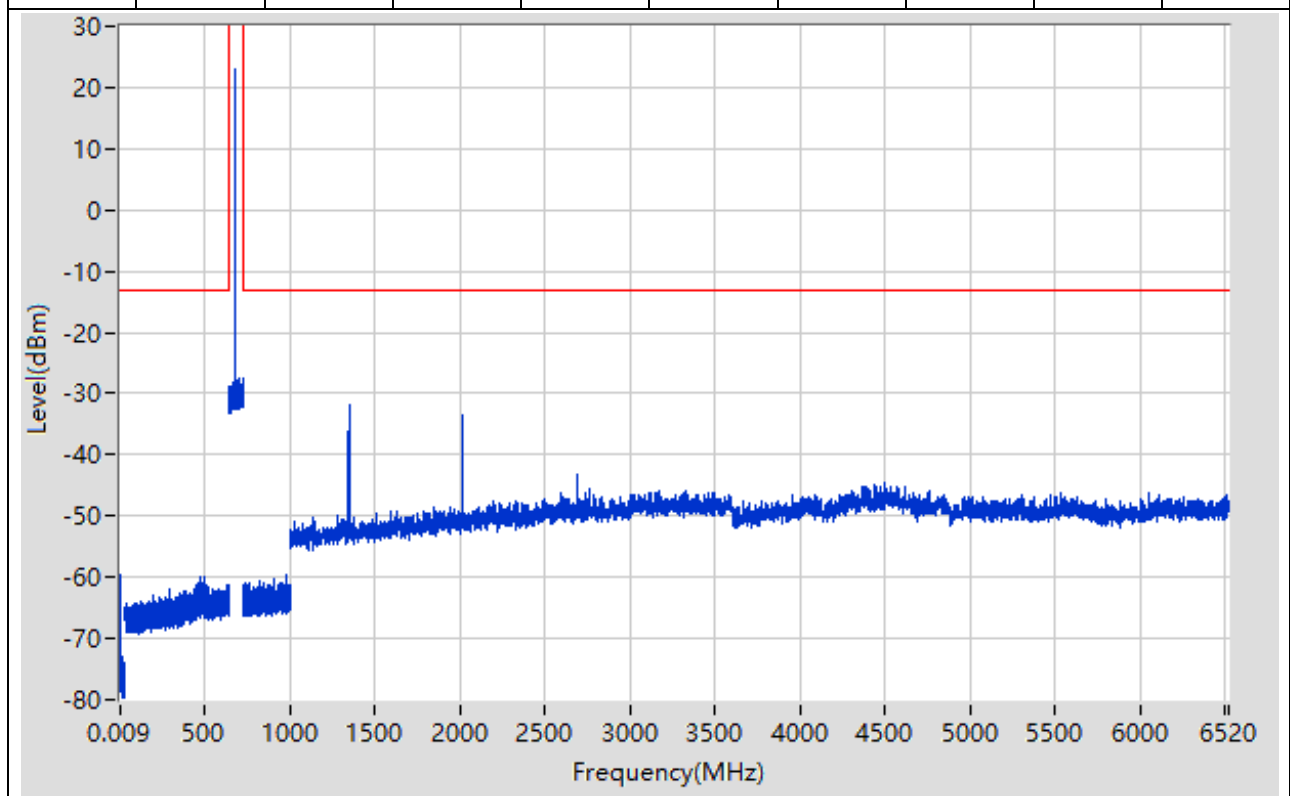
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.035	-59.63	-13	46.63	Pass	401
0.15	30	0.01	RMS	0.16	-57.29	-13	44.29	Pass	2986
30	643	0.1	RMS	476.1	-58.82	-13	45.82	Pass	6131
643	718	0.1	RMS	664.4	23.11	60	36.89	Pass	751
718	1000	0.1	RMS	912.2	-60.32	-13	47.32	Pass	2821
1000	3000	1	RMS	1329	-29.95	-13	16.95	Pass	2001
3000	6520	1	RMS	6150	-45.08	-13	32.08	Pass	3521



### 12.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:133297, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

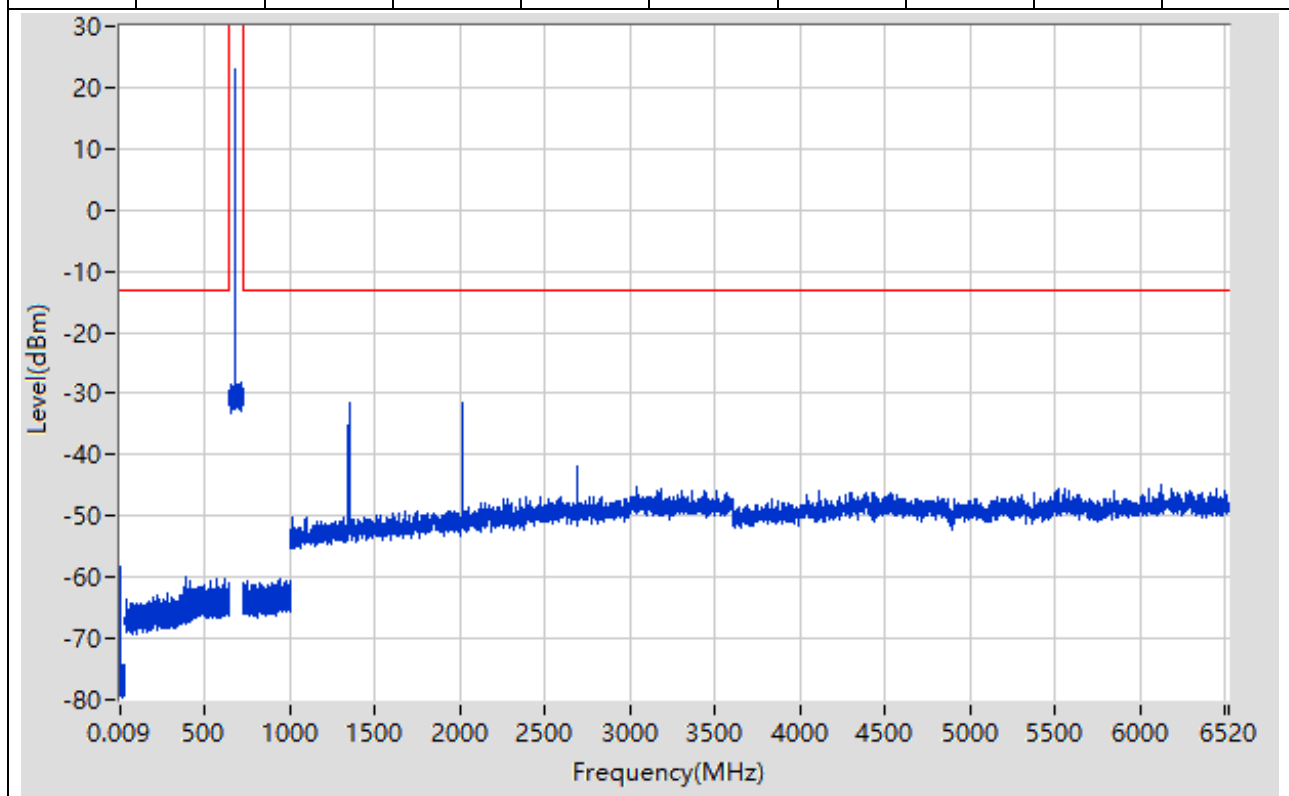
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-60.77	-13	47.77	Pass	401
0.15	30	0.01	RMS	0.15	-59.61	-13	46.61	Pass	2986
30	643	0.1	RMS	490.1	-59.95	-13	46.95	Pass	6131
643	718	0.1	RMS	671.9	22.91	60	37.09	Pass	751
718	1000	0.1	RMS	970.7	-59.62	-13	46.62	Pass	2821
1000	3000	1	RMS	1344	-31.8	-13	18.8	Pass	2001
3000	6520	1	RMS	4491	-44.58	-13	31.58	Pass	3521



### 12.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:133297, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

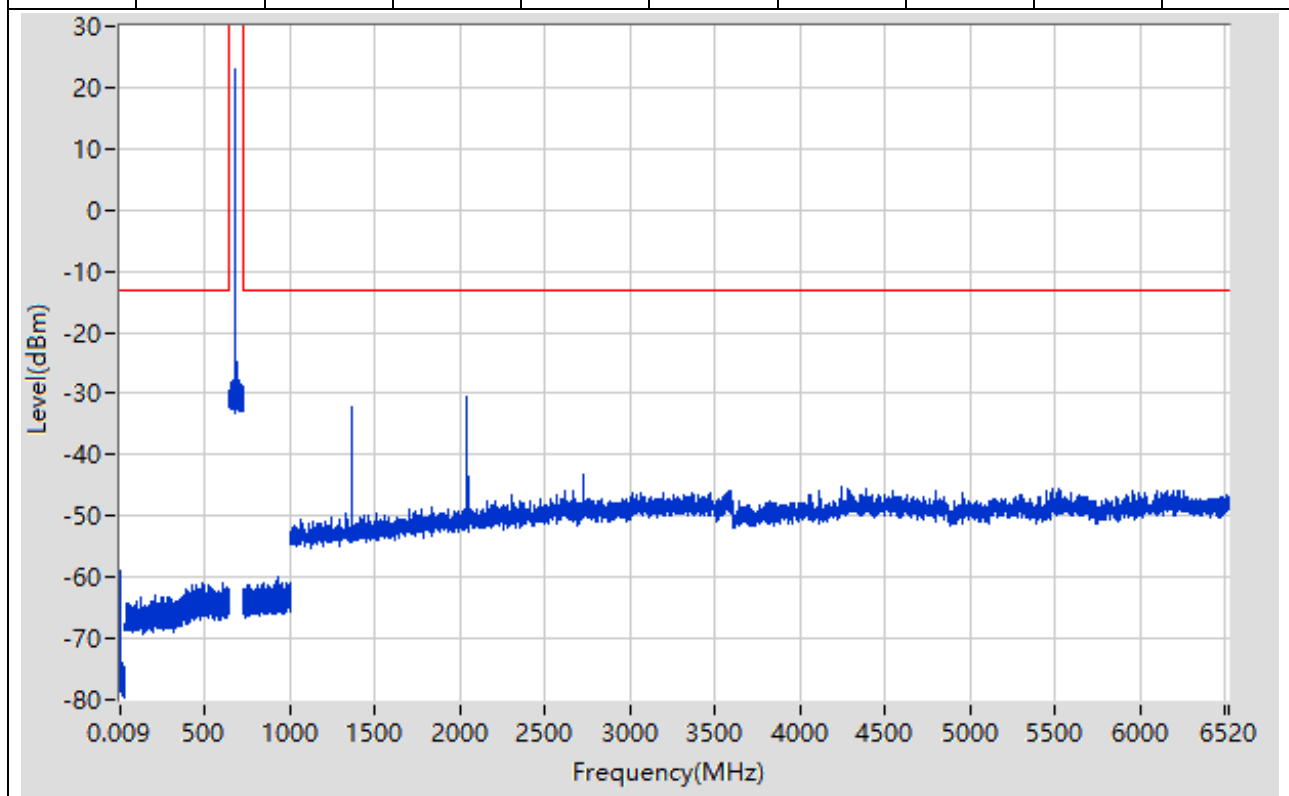
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-59.39	-13	46.39	Pass	401
0.15	30	0.01	RMS	0.15	-58.26	-13	45.26	Pass	2986
30	643	0.1	RMS	381.2	-60.05	-13	47.05	Pass	6131
643	718	0.1	RMS	671.9	22.89	60	37.11	Pass	751
718	1000	0.1	RMS	934.2	-60.22	-13	47.22	Pass	2821
1000	3000	1	RMS	1344	-31.51	-13	18.51	Pass	2001
3000	6520	1	RMS	6118	-44.99	-13	31.99	Pass	3521



### 12.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:133372, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

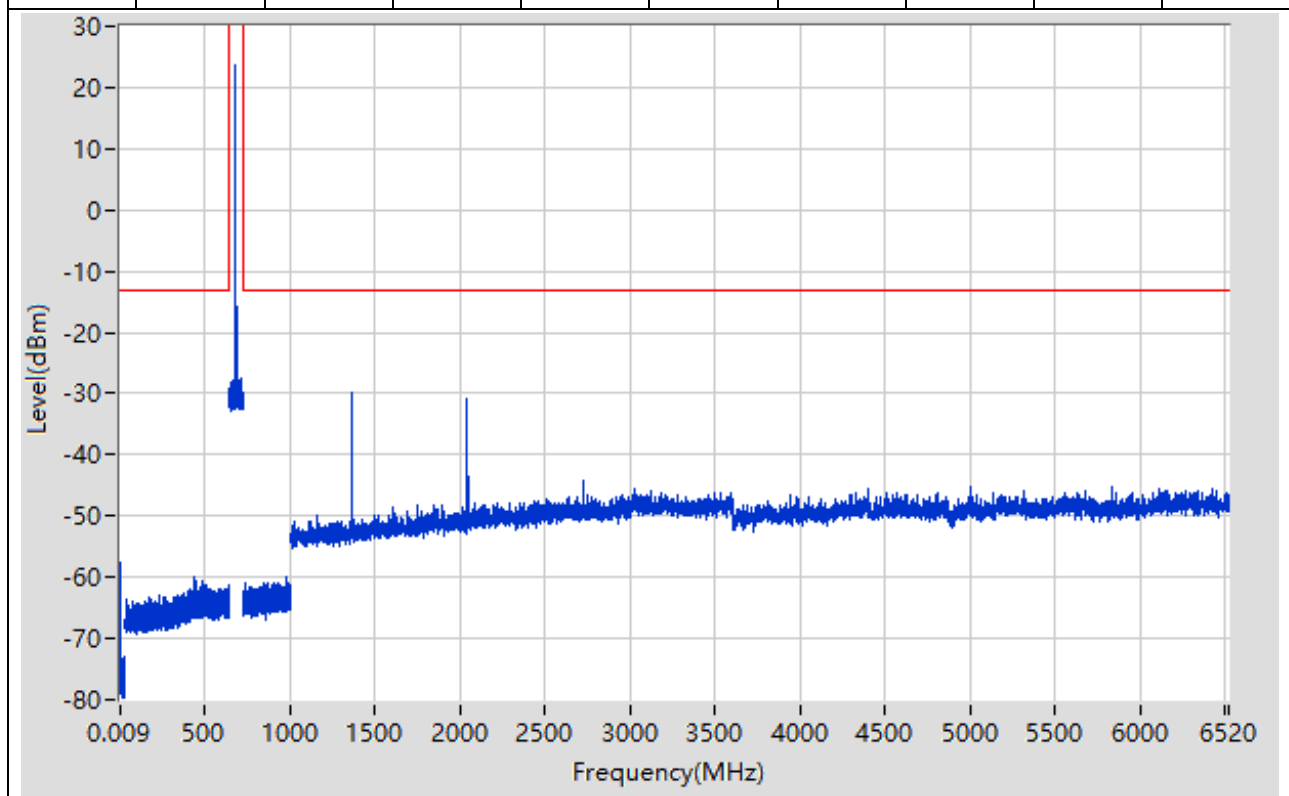
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-60.32	-13	47.32	Pass	401
0.15	30	0.01	RMS	0.15	-58.92	-13	45.92	Pass	2986
30	643	0.1	RMS	484.4	-60.93	-13	47.93	Pass	6131
643	718	0.1	RMS	680.3	22.84	60	37.16	Pass	751
718	1000	0.1	RMS	922.6	-59.89	-13	46.89	Pass	2821
1000	3000	1	RMS	2041	-30.62	-13	17.62	Pass	2001
3000	6520	1	RMS	4243	-45.27	-13	32.27	Pass	3521



### 12.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:133372, 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	-59.99	-13	46.99	Pass	401
0.15	30	0.01	RMS	0.15	-57.48	-13	44.48	Pass	2986
30	643	0.1	RMS	439.2	-59.81	-13	46.81	Pass	6131
643	718	0.1	RMS	680.4	23.48	60	36.52	Pass	751
718	1000	0.1	RMS	976.9	-59.92	-13	46.92	Pass	2821
1000	3000	1	RMS	1361	-29.98	-13	16.98	Pass	2001
3000	6520	1	RMS	5831	-45.21	-13	32.21	Pass	3521

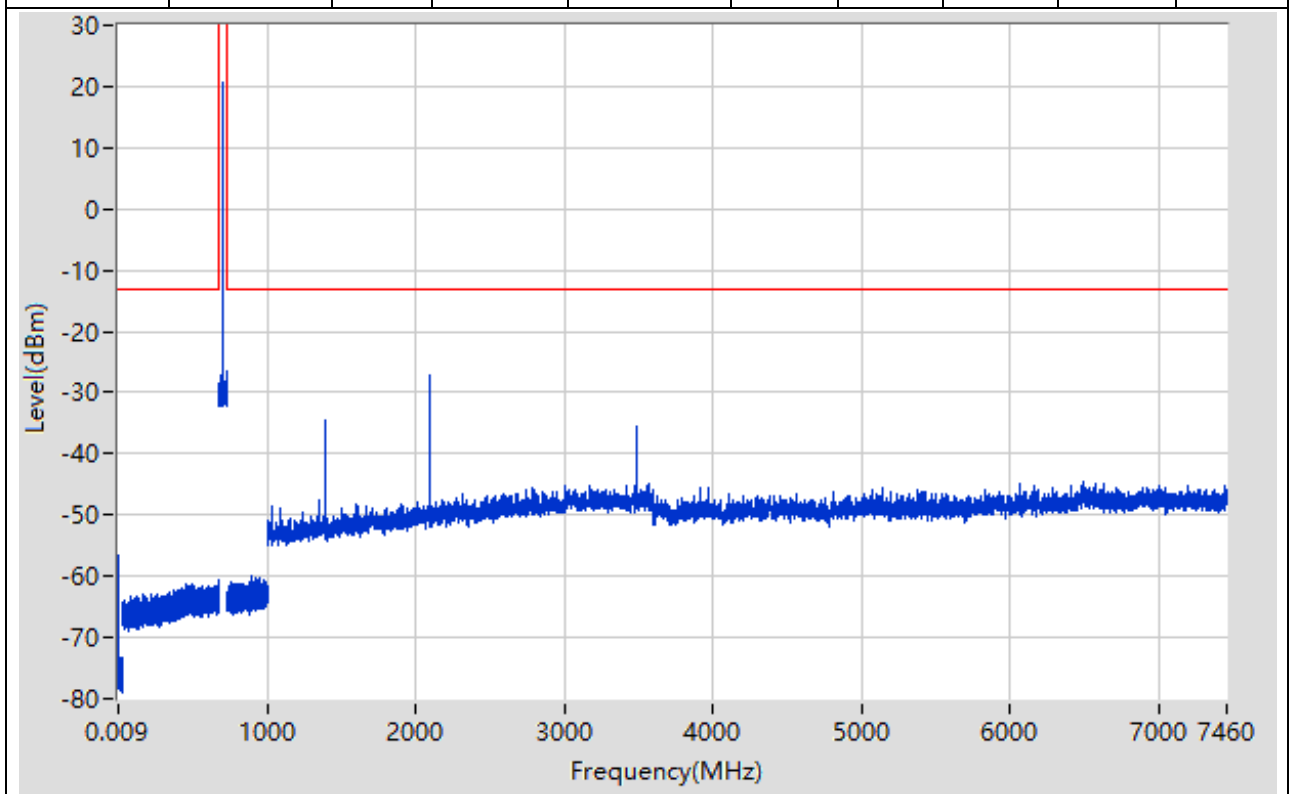


### 13. Cat-M\_Band85

#### 13.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:134031, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

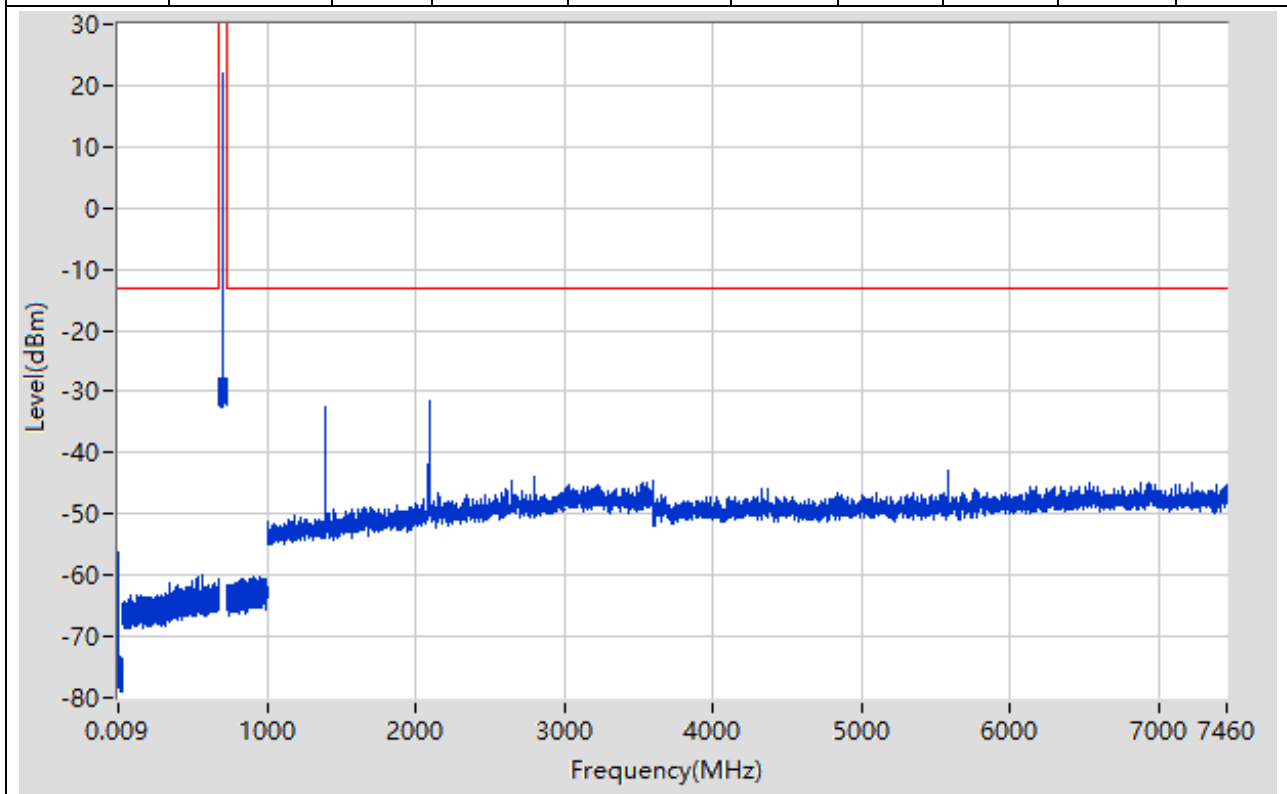
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.74	-13	43.74	Pass	401
0.15	30	0.01	RMS	0.15	-57.46	-13	44.46	Pass	2986
30	678	0.1	RMS	675.1	-60.49	-13	47.49	Pass	6481
678	736	0.1	RMS	698.7	20.69	60	39.31	Pass	581
736	1000	0.1	RMS	898	-59.78	-13	46.78	Pass	2641
1000	3000	1	RMS	2093	-27.31	-13	14.31	Pass	2001
3000	7460	1	RMS	3491	-35.57	-13	22.57	Pass	4461



### 13.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:134031, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

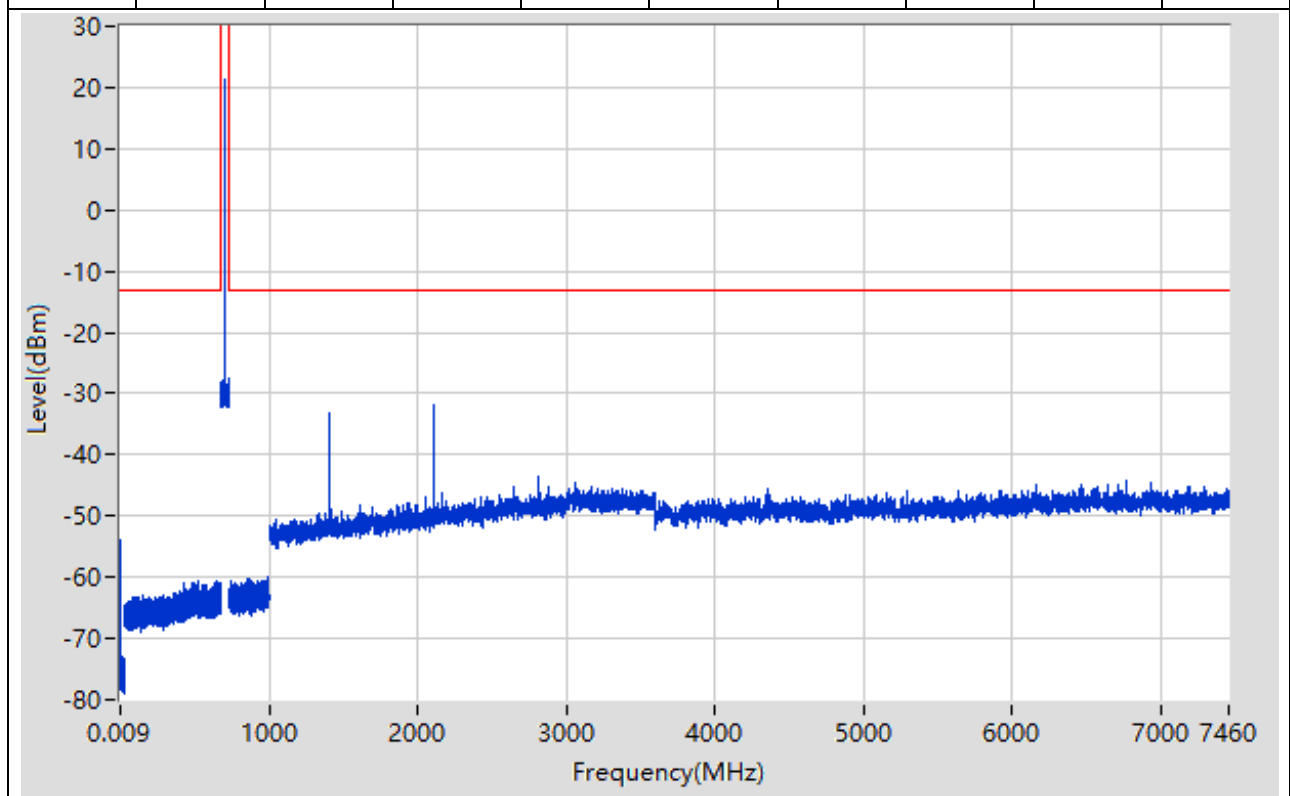
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-56.13	-13	43.13	Pass	401
0.15	30	0.01	RMS	0.15	-56.73	-13	43.73	Pass	2986
30	678	0.1	RMS	561.3	-59.89	-13	46.89	Pass	6481
678	736	0.1	RMS	698.7	21.92	60	38.08	Pass	581
736	1000	0.1	RMS	953.9	-60.12	-13	47.12	Pass	2641
1000	3000	1	RMS	2096	-31.62	-13	18.62	Pass	2001
3000	7460	1	RMS	5590	-42.94	-13	29.94	Pass	4461



### 13.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:134091, 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	-54.04	-13	41.04	Pass	401
0.15	30	0.01	RMS	0.15	-59.62	-13	46.62	Pass	2986
30	678	0.1	RMS	519	-60.45	-13	47.45	Pass	6481
678	736	0.1	RMS	704.7	21.23	60	38.77	Pass	581
736	1000	0.1	RMS	997.3	-59.95	-13	46.95	Pass	2641
1000	3000	1	RMS	2114	-31.76	-13	18.76	Pass	2001
3000	7460	1	RMS	6775	-44.07	-13	31.07	Pass	4461

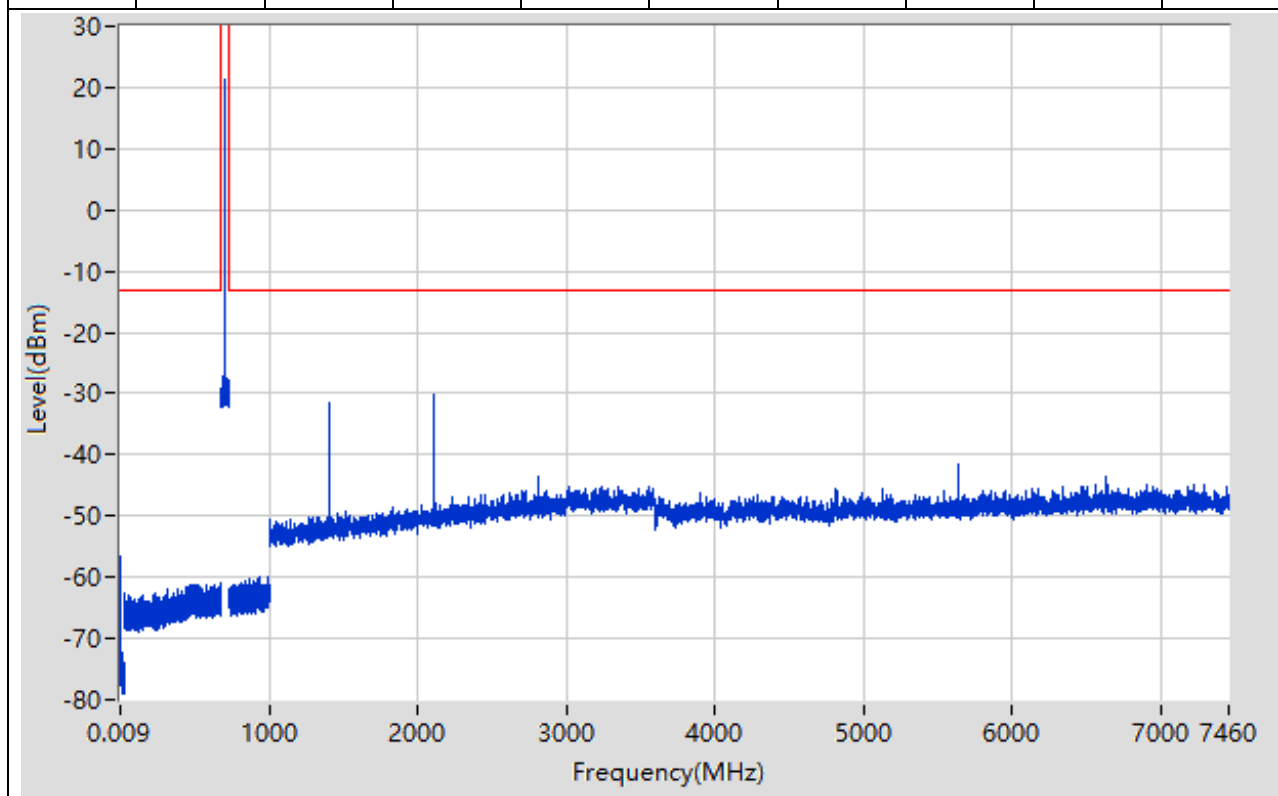




### 13.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:134091, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

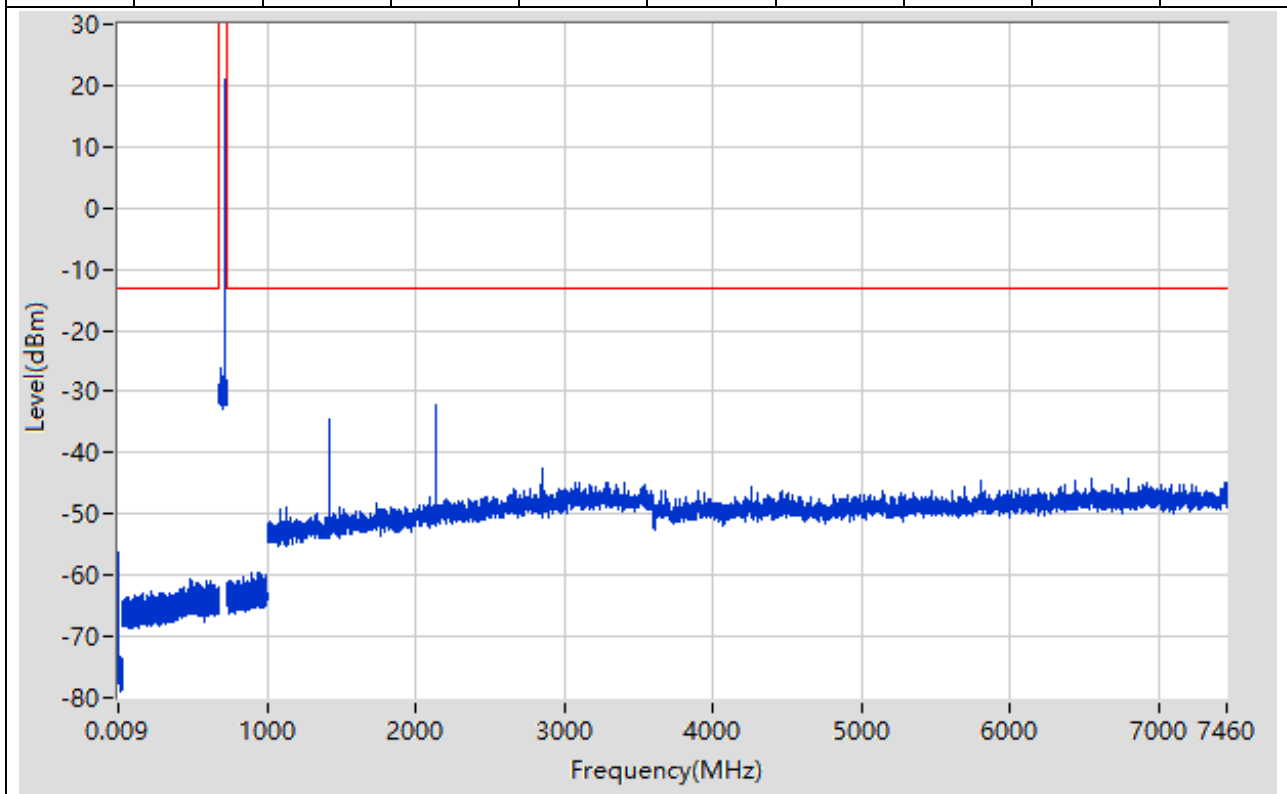
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.49	-13	43.49	Pass	401
0.15	30	0.01	RMS	0.15	-56.76	-13	43.76	Pass	2986
30	678	0.1	RMS	675.6	-60.96	-13	47.96	Pass	6481
678	736	0.1	RMS	704.7	21.47	60	38.53	Pass	581
736	1000	0.1	RMS	994.2	-59.79	-13	46.79	Pass	2641
1000	3000	1	RMS	2114	-30.07	-13	17.07	Pass	2001
3000	7460	1	RMS	5637	-41.59	-13	28.59	Pass	4461



### 13.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:134156, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

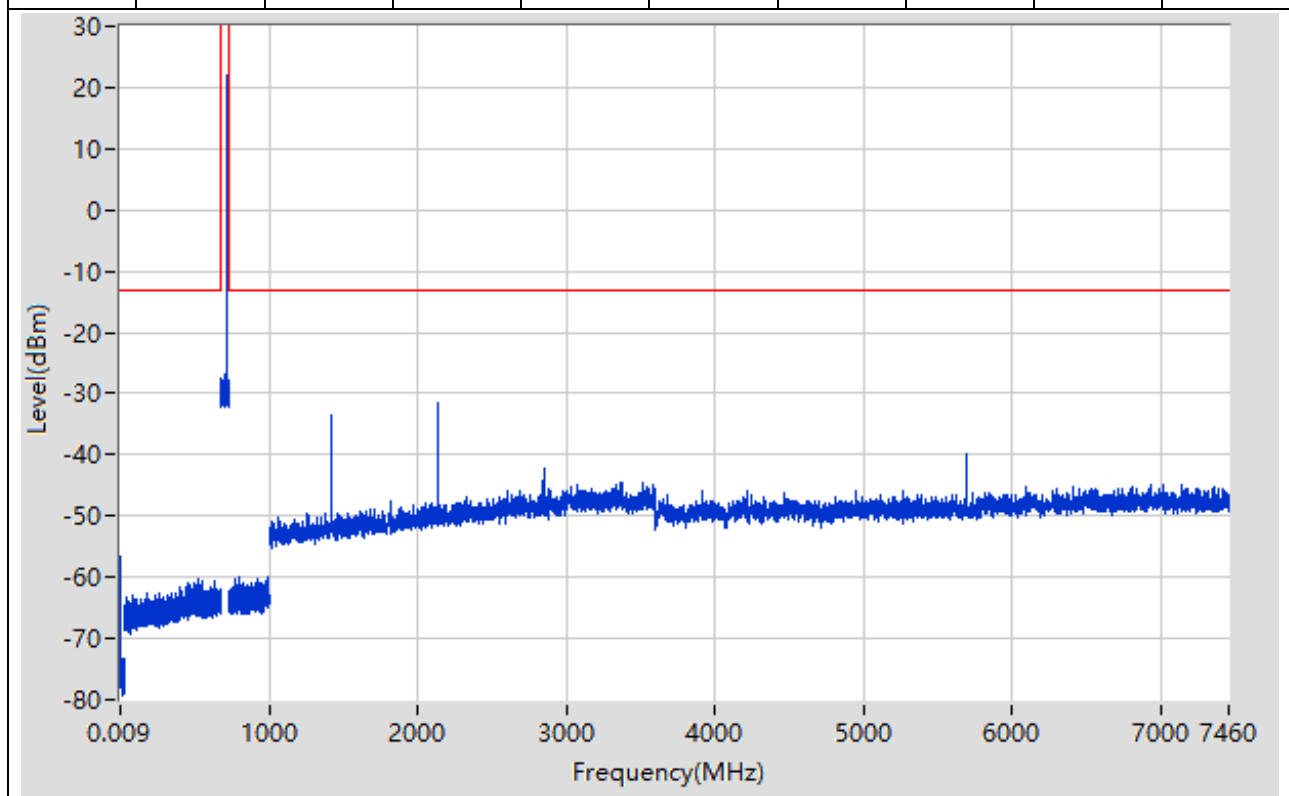
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.22	-13	43.22	Pass	401
0.15	30	0.01	RMS	0.15	-57.64	-13	44.64	Pass	2986
30	678	0.1	RMS	477.7	-60.68	-13	47.68	Pass	6481
678	736	0.1	RMS	712.1	20.98	60	39.02	Pass	581
736	1000	0.1	RMS	892.3	-59.66	-13	46.66	Pass	2641
1000	3000	1	RMS	2136	-32.19	-13	19.19	Pass	2001
3000	7460	1	RMS	6554	-44.33	-13	31.33	Pass	4461



### 13.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:134156, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

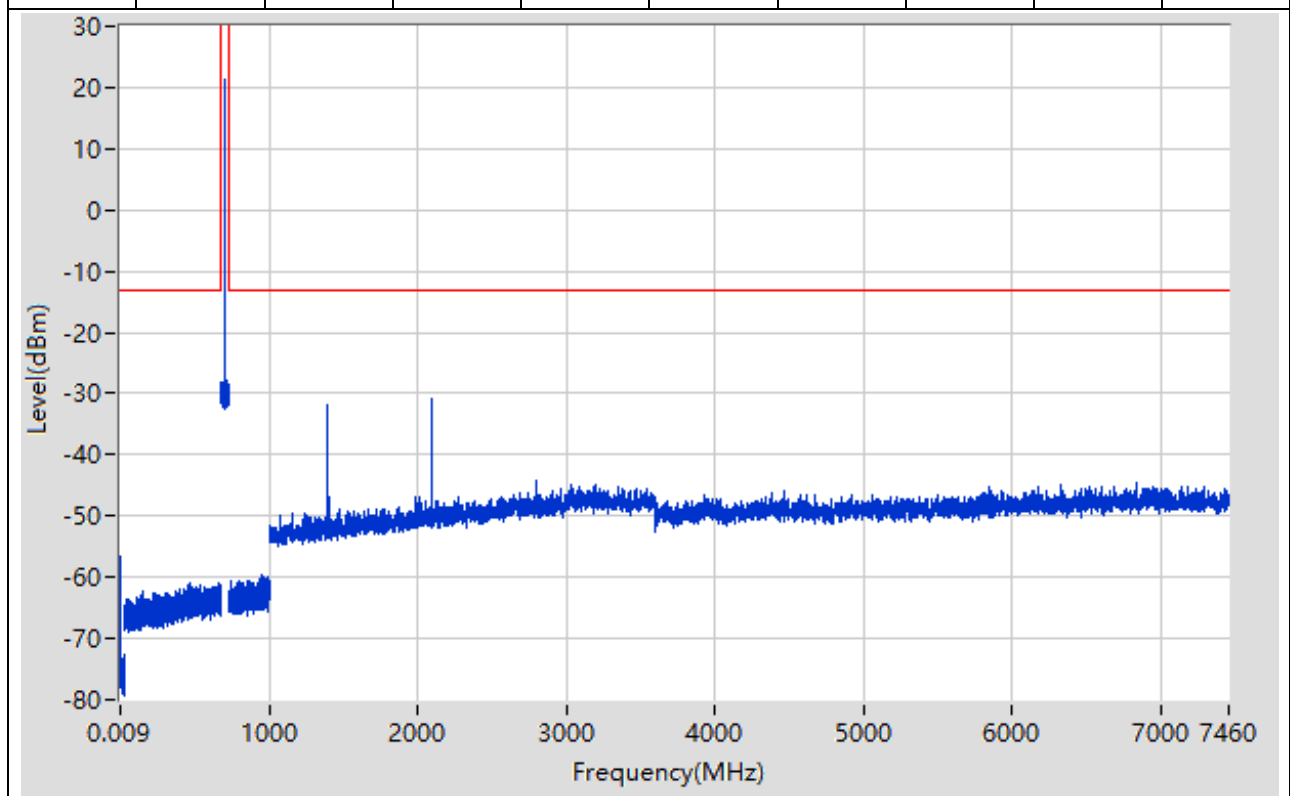
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-56.6	-13	43.6	Pass	401
0.15	30	0.01	RMS	0.15	-57.19	-13	44.19	Pass	2986
30	678	0.1	RMS	523.8	-60.44	-13	47.44	Pass	6481
678	736	0.1	RMS	712.1	21.91	60	38.09	Pass	581
736	1000	0.1	RMS	800.5	-59.85	-13	46.85	Pass	2641
1000	3000	1	RMS	2136	-31.48	-13	18.48	Pass	2001
3000	7460	1	RMS	5696	-39.77	-13	26.77	Pass	4461



### 13.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:134056, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

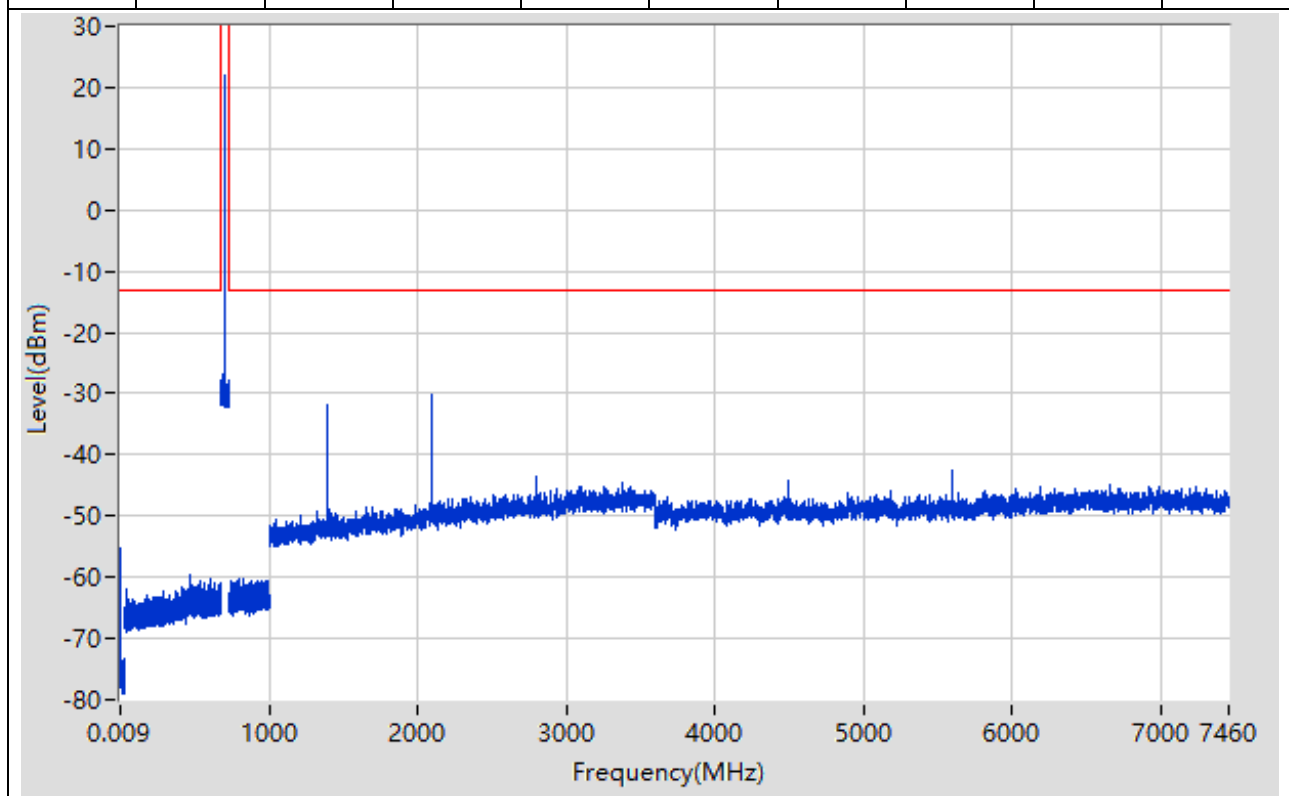
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-56.62	-13	43.62	Pass	401
0.15	30	0.01	RMS	0.15	-57.56	-13	44.56	Pass	2986
30	678	0.1	RMS	470.1	-60.99	-13	47.99	Pass	6481
678	736	0.1	RMS	699.1	21.32	60	38.68	Pass	581
736	1000	0.1	RMS	956.9	-59.68	-13	46.68	Pass	2641
1000	3000	1	RMS	2097	-30.98	-13	17.98	Pass	2001
3000	7460	1	RMS	6838	-44.59	-13	31.59	Pass	4461



### 13.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:134056, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

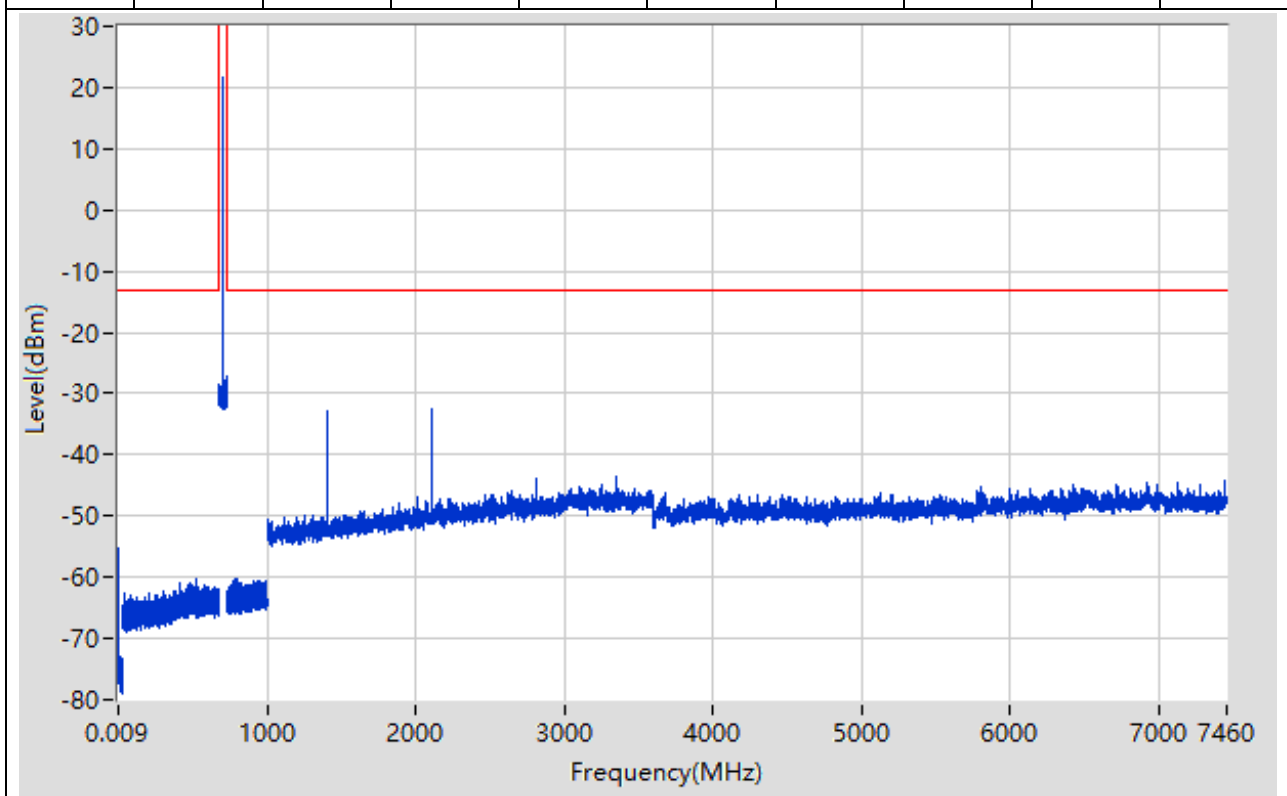
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.11	-13	42.11	Pass	401
0.15	30	0.01	RMS	0.15	-57.47	-13	44.47	Pass	2986
30	678	0.1	RMS	472.1	-59.61	-13	46.61	Pass	6481
678	736	0.1	RMS	699.1	22.07	60	37.93	Pass	581
736	1000	0.1	RMS	806.3	-60.29	-13	47.29	Pass	2641
1000	3000	1	RMS	2097	-30.33	-13	17.33	Pass	2001
3000	7460	1	RMS	5593	-42.44	-13	29.44	Pass	4461



### 13.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:134091, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

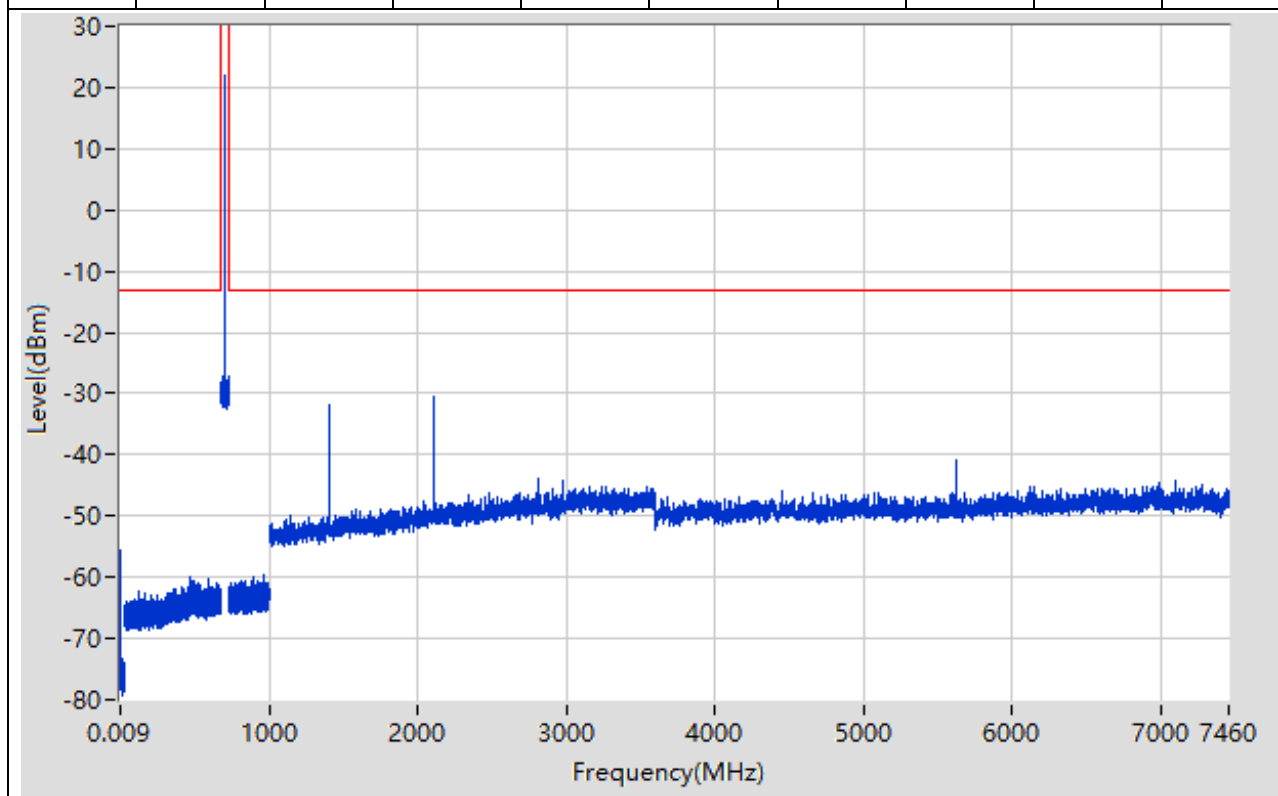
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-55.28	-13	42.28	Pass	401
0.15	30	0.01	RMS	0.15	-57.88	-13	44.88	Pass	2986
30	678	0.1	RMS	520.9	-60.25	-13	47.25	Pass	6481
678	736	0.1	RMS	702.6	21.79	60	38.21	Pass	581
736	1000	0.1	RMS	804.4	-60.13	-13	47.13	Pass	2641
1000	3000	1	RMS	2107	-32.37	-13	19.37	Pass	2001
3000	7460	1	RMS	3353	-43.58	-13	30.58	Pass	4461



### 13.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:134091, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

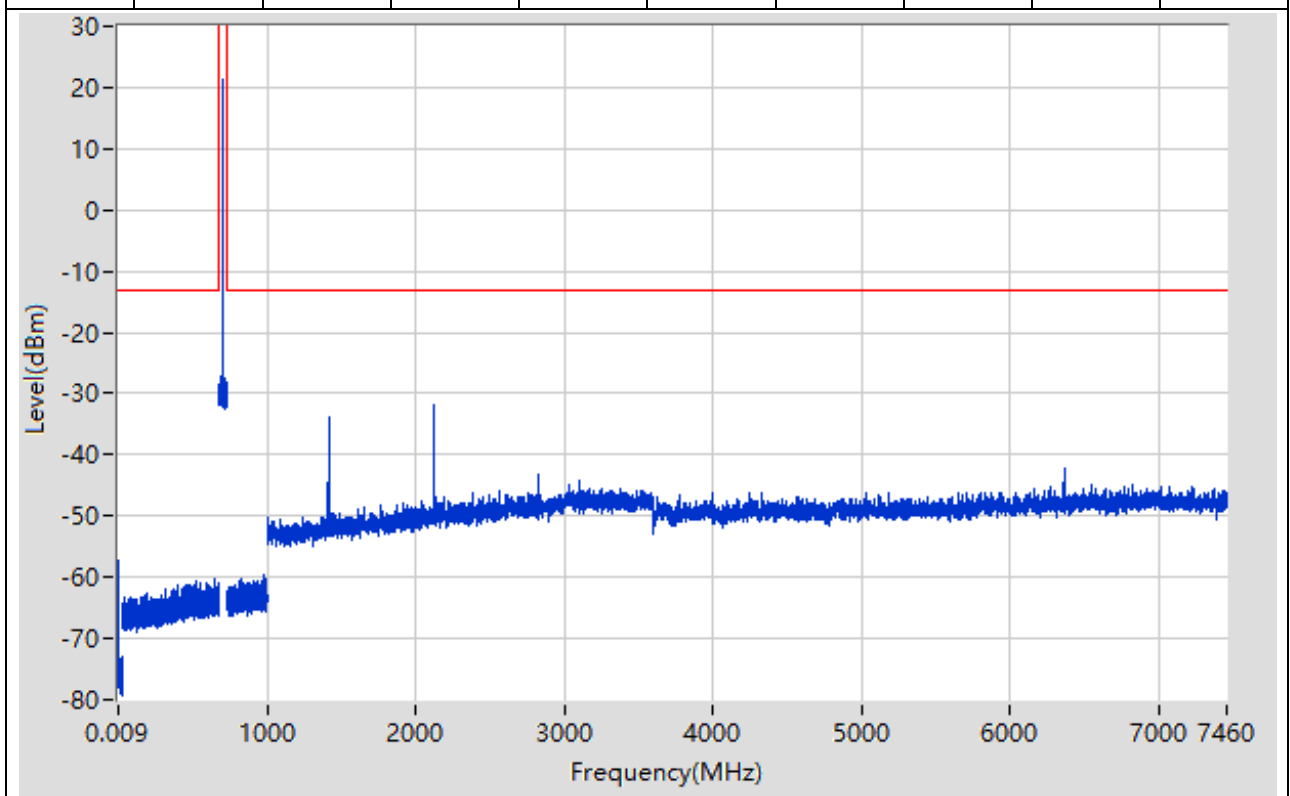
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.68	-13	42.68	Pass	401
0.15	30	0.01	RMS	0.15	-57.76	-13	44.76	Pass	2986
30	678	0.1	RMS	463.8	-59.78	-13	46.78	Pass	6481
678	736	0.1	RMS	702.6	21.88	60	38.12	Pass	581
736	1000	0.1	RMS	969.7	-59.71	-13	46.71	Pass	2641
1000	3000	1	RMS	2107	-30.61	-13	17.61	Pass	2001
3000	7460	1	RMS	5621	-41	-13	28	Pass	4461



### 13.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:134131, 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	-57.43	-13	44.43	Pass	401
0.15	30	0.01	RMS	0.16	-58.47	-13	45.47	Pass	2986
30	678	0.1	RMS	643.5	-60.42	-13	47.42	Pass	6481
678	736	0.1	RMS	707.5	21.23	60	38.77	Pass	581
736	1000	0.1	RMS	981.8	-59.64	-13	46.64	Pass	2641
1000	3000	1	RMS	2122	-32.01	-13	19.01	Pass	2001
3000	7460	1	RMS	6368	-42.1	-13	29.1	Pass	4461

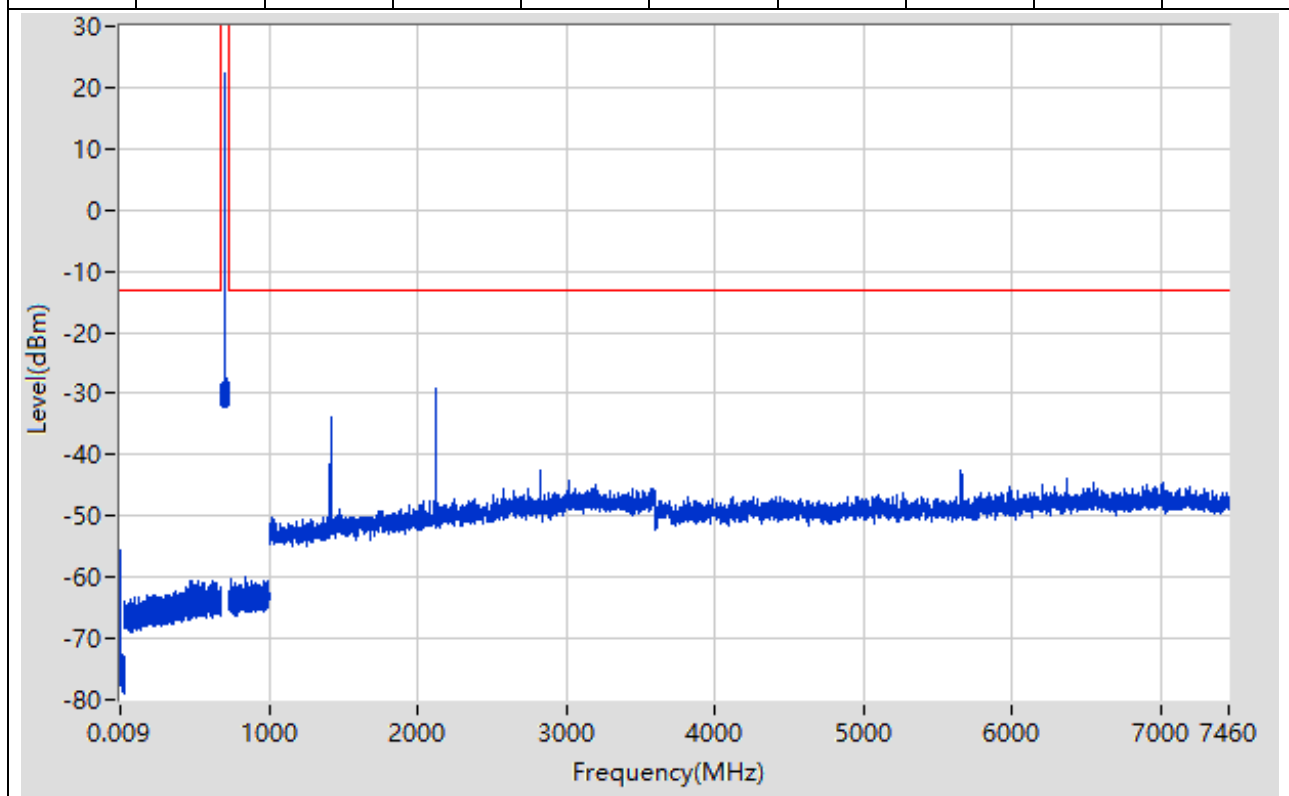




### 13.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:134131, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

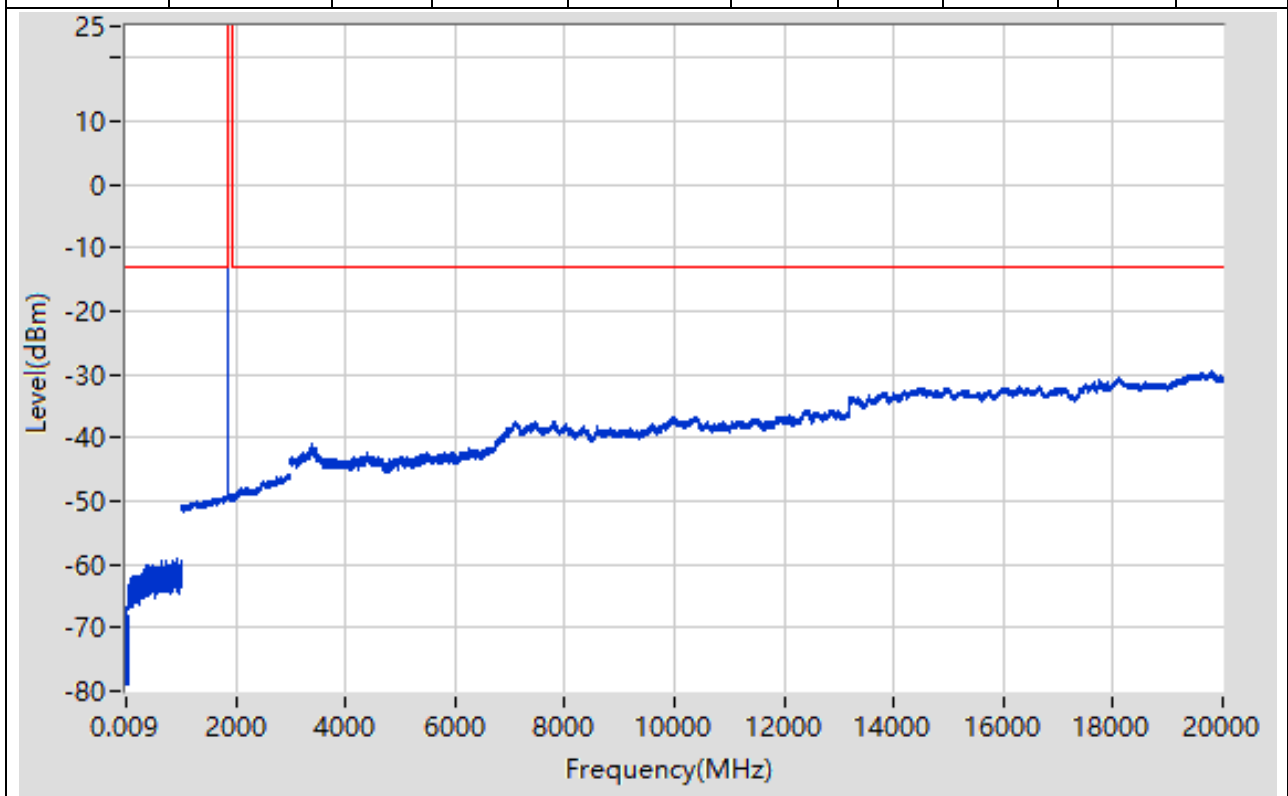
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-55.66	-13	42.66	Pass	401
0.15	30	0.01	RMS	0.15	-57.1	-13	44.1	Pass	2986
30	678	0.1	RMS	528.3	-60.51	-13	47.51	Pass	6481
678	736	0.1	RMS	707.5	22.18	60	37.82	Pass	581
736	1000	0.1	RMS	842.9	-59.95	-13	46.95	Pass	2641
1000	3000	1	RMS	2125	-29.23	-13	16.23	Pass	2001
3000	7460	1	RMS	5660	-42.66	-13	29.66	Pass	4461



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_Low

### 14.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

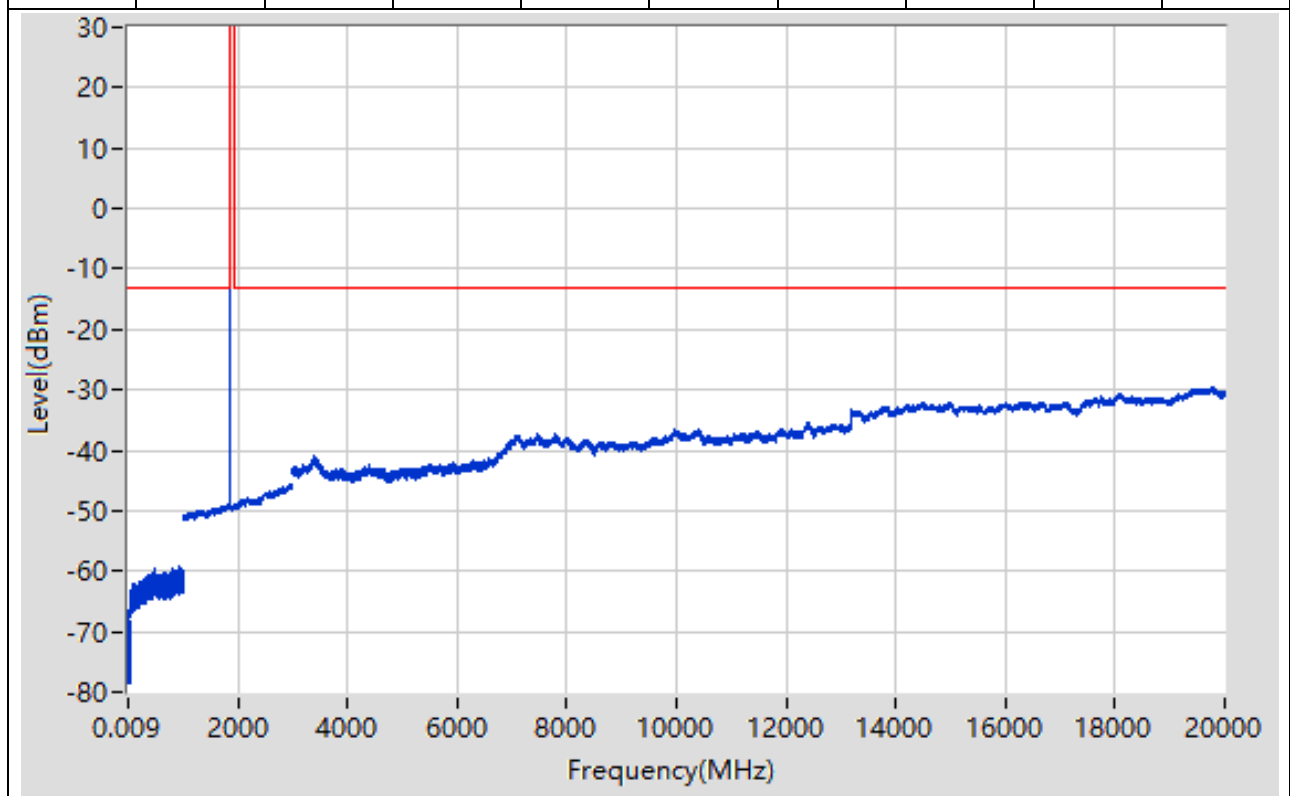
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-66.78	-13	53.78	Pass	401
0.15	30	0.01	RMS	0.22	-67.74	-13	54.74	Pass	2986
30	1000	0.1	RMS	921.748	-58.98	-13	45.98	Pass	9701
1000	1840	1	RMS	1838	-48.9	-13	35.9	Pass	841
1840	1920	1	RMS	1849.8	19.84	60	40.16	Pass	401
1920	3000	1	RMS	2957	-45.72	-13	32.72	Pass	1081
3000	20000	1	RMS	19795	-29.58	-13	16.58	Pass	17003



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_Low

### 14.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

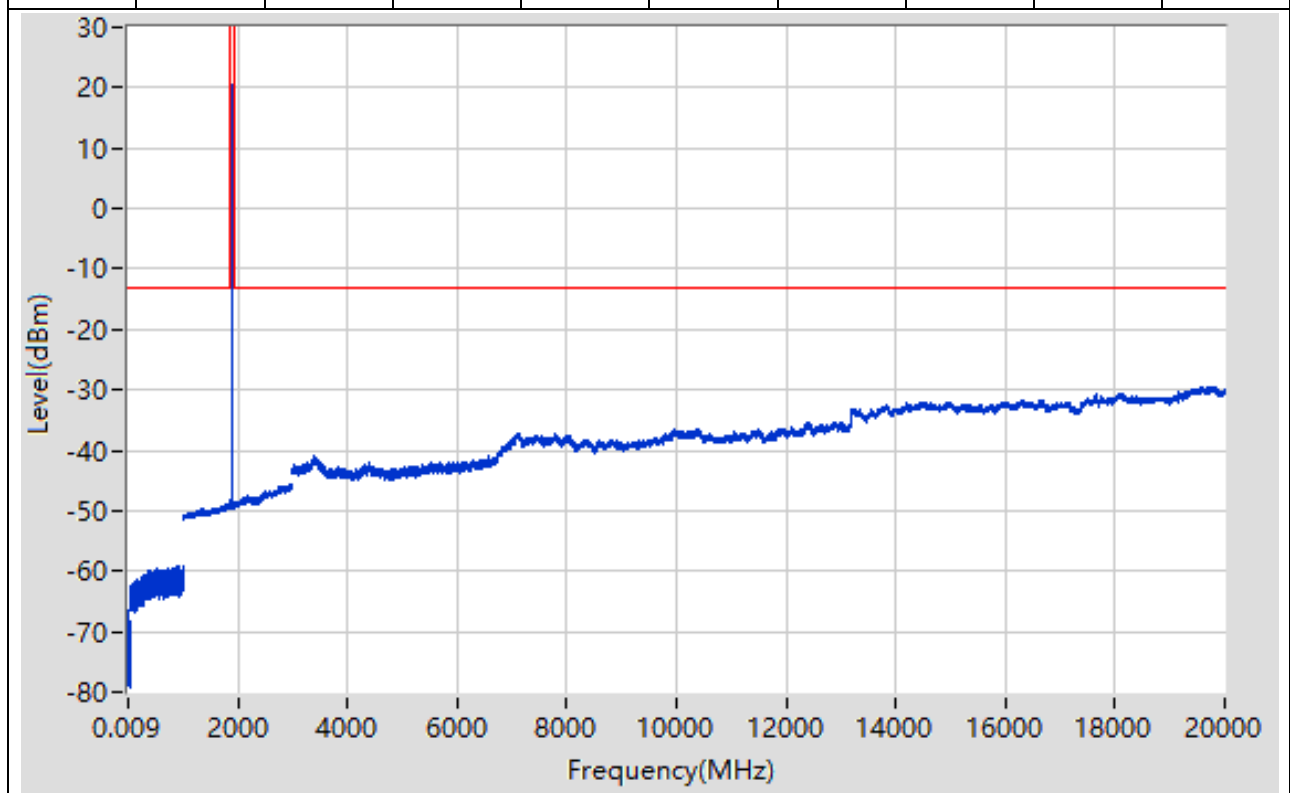
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.015	-66.55	-13	53.55	Pass	401
0.15	30	0.01	RMS	26.76	-68.34	-13	55.34	Pass	2986
30	1000	0.1	RMS	912.842	-59.22	-13	46.22	Pass	9701
1000	1840	1	RMS	1832	-49.05	-13	36.05	Pass	841
1840	1920	1	RMS	1850	20.63	60	39.37	Pass	401
1920	3000	1	RMS	2935	-45.57	-13	32.57	Pass	1081
3000	20000	1	RMS	19787	-29.49	-13	16.49	Pass	17003



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_Mid

### 14.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

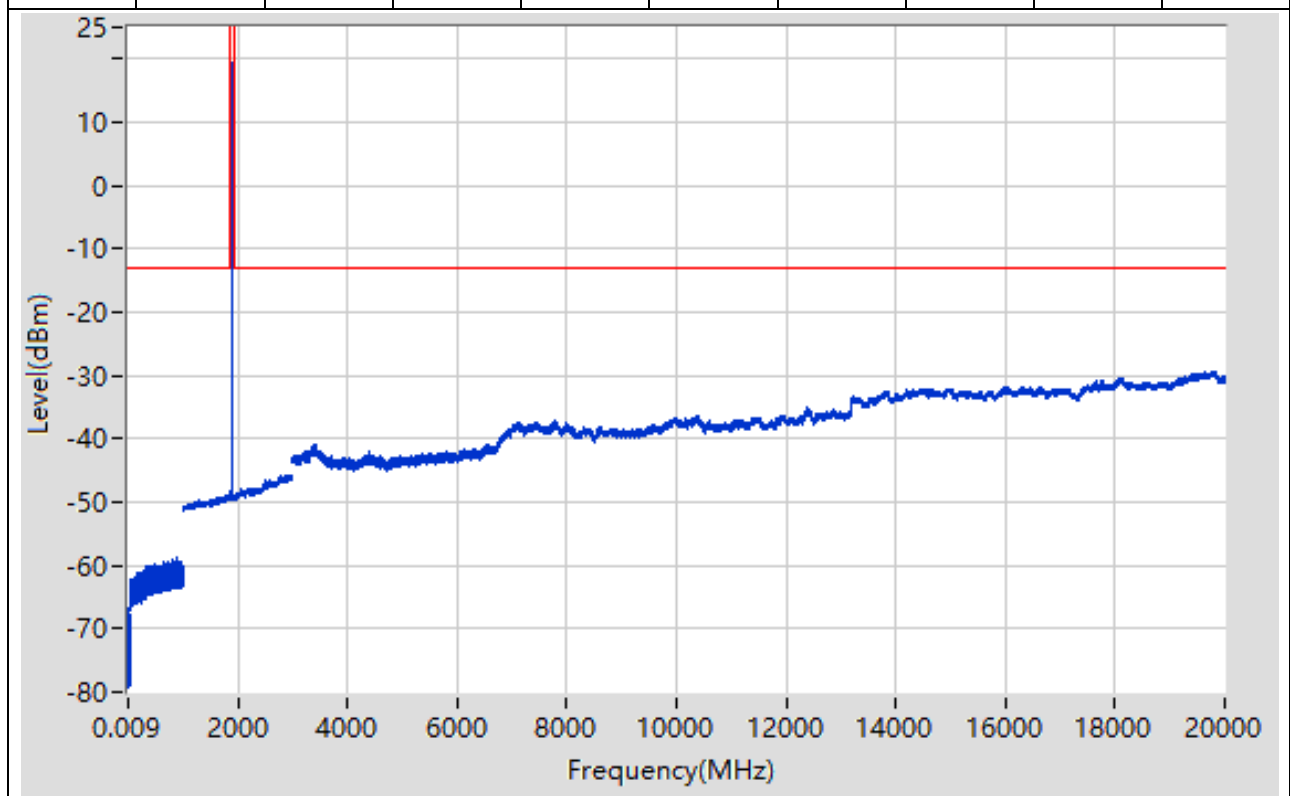
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.45	-13	53.45	Pass	401
0.15	30	0.01	RMS	2.02	-68.29	-13	55.29	Pass	2986
30	1000	0.1	RMS	994.496	-59.2	-13	46.2	Pass	9701
1000	1840	1	RMS	1794	-48.97	-13	35.97	Pass	841
1840	1920	1	RMS	1880	20.58	60	39.42	Pass	401
1920	3000	1	RMS	2964	-45.49	-13	32.49	Pass	1081
3000	20000	1	RMS	19818	-29.47	-13	16.47	Pass	17003



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_Mid

### 14.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

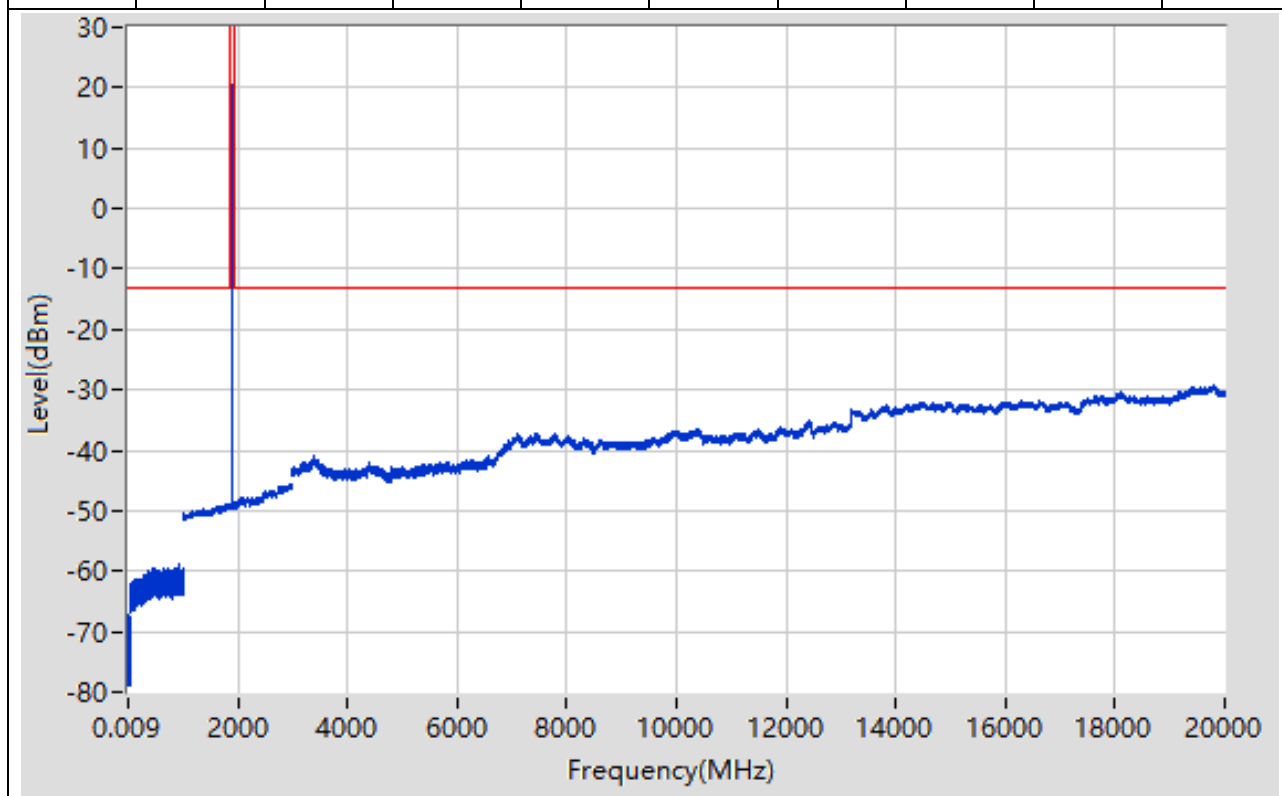
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.016	-66.79	-13	53.79	Pass	401
0.15	30	0.01	RMS	15.32	-67.8	-13	54.8	Pass	2986
30	1000	0.1	RMS	875.417	-58.77	-13	45.77	Pass	9701
1000	1840	1	RMS	1826	-48.86	-13	35.86	Pass	841
1840	1920	1	RMS	1879.8	19.5	60	40.5	Pass	401
1920	3000	1	RMS	2978	-45.68	-13	32.68	Pass	1081
3000	20000	1	RMS	19774	-29.3	-13	16.3	Pass	17003



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_High

### 14.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

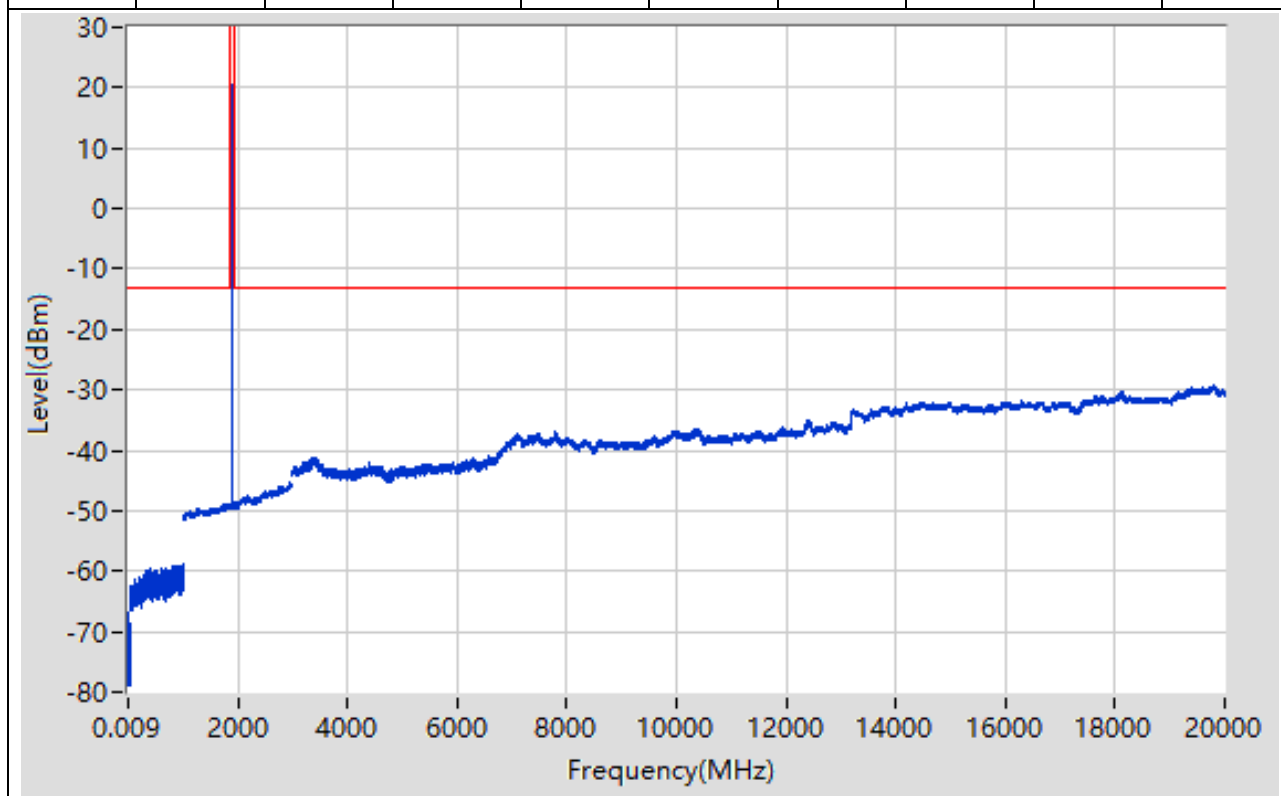
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-67.28	-13	54.28	Pass	401
0.15	30	0.01	RMS	25.93	-67.59	-13	54.59	Pass	2986
30	1000	0.1	RMS	910.841	-58.82	-13	45.82	Pass	9701
1000	1840	1	RMS	1794	-48.84	-13	35.84	Pass	841
1840	1920	1	RMS	1909.8	20.58	60	39.42	Pass	401
1920	3000	1	RMS	2960	-45.57	-13	32.57	Pass	1081
3000	20000	1	RMS	19809	-29.2	-13	16.2	Pass	17003



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_High

### 14.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

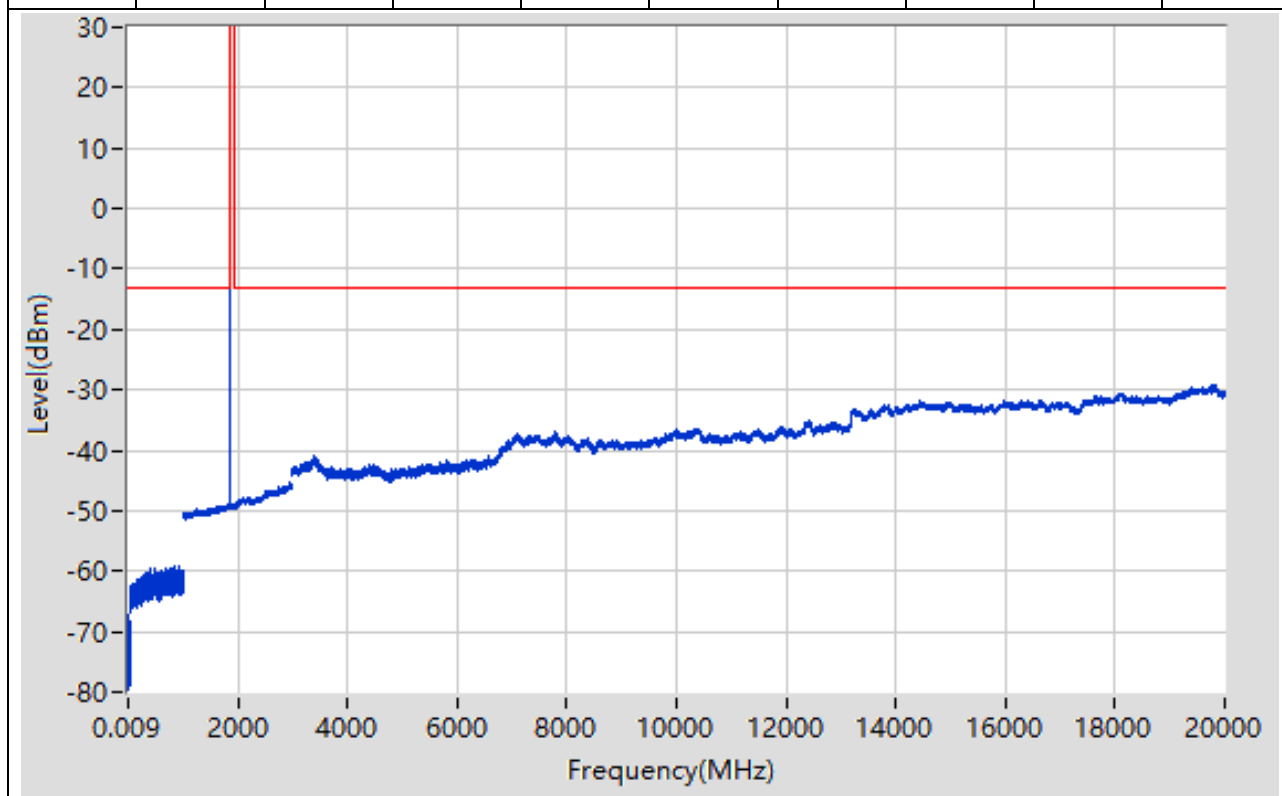
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.66	-13	53.66	Pass	401
0.15	30	0.01	RMS	11.26	-68.28	-13	55.28	Pass	2986
30	1000	0.1	RMS	989.693	-58.98	-13	45.98	Pass	9701
1000	1840	1	RMS	1824	-49.03	-13	36.03	Pass	841
1840	1920	1	RMS	1909.8	20.45	60	39.55	Pass	401
1920	3000	1	RMS	2961	-45.45	-13	32.45	Pass	1081
3000	20000	1	RMS	19798	-29.1	-13	16.1	Pass	17003



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_Low

### 14.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.018	-67.23	-13	54.23	Pass	401
0.15	30	0.01	RMS	0.29	-68.01	-13	55.01	Pass	2986
30	1000	0.1	RMS	831.1	-59.16	-13	46.16	Pass	9701
1000	1840	1	RMS	1818	-48.9	-13	35.9	Pass	841
1840	1920	1	RMS	1850.2	21.07	60	38.93	Pass	401
1920	3000	1	RMS	2951	-45.43	-13	32.43	Pass	1081
3000	20000	1	RMS	19768	-29.22	-13	16.22	Pass	17003

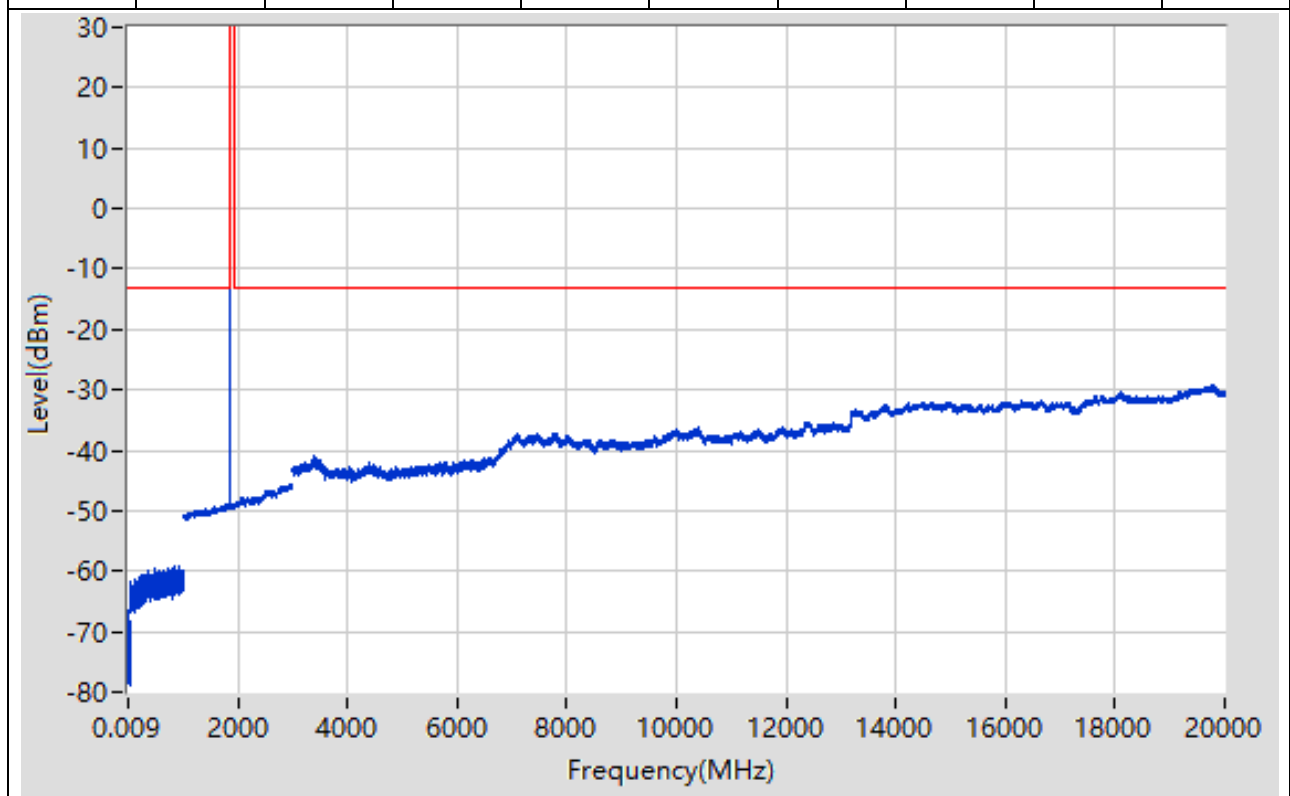




## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_Low

### 14.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

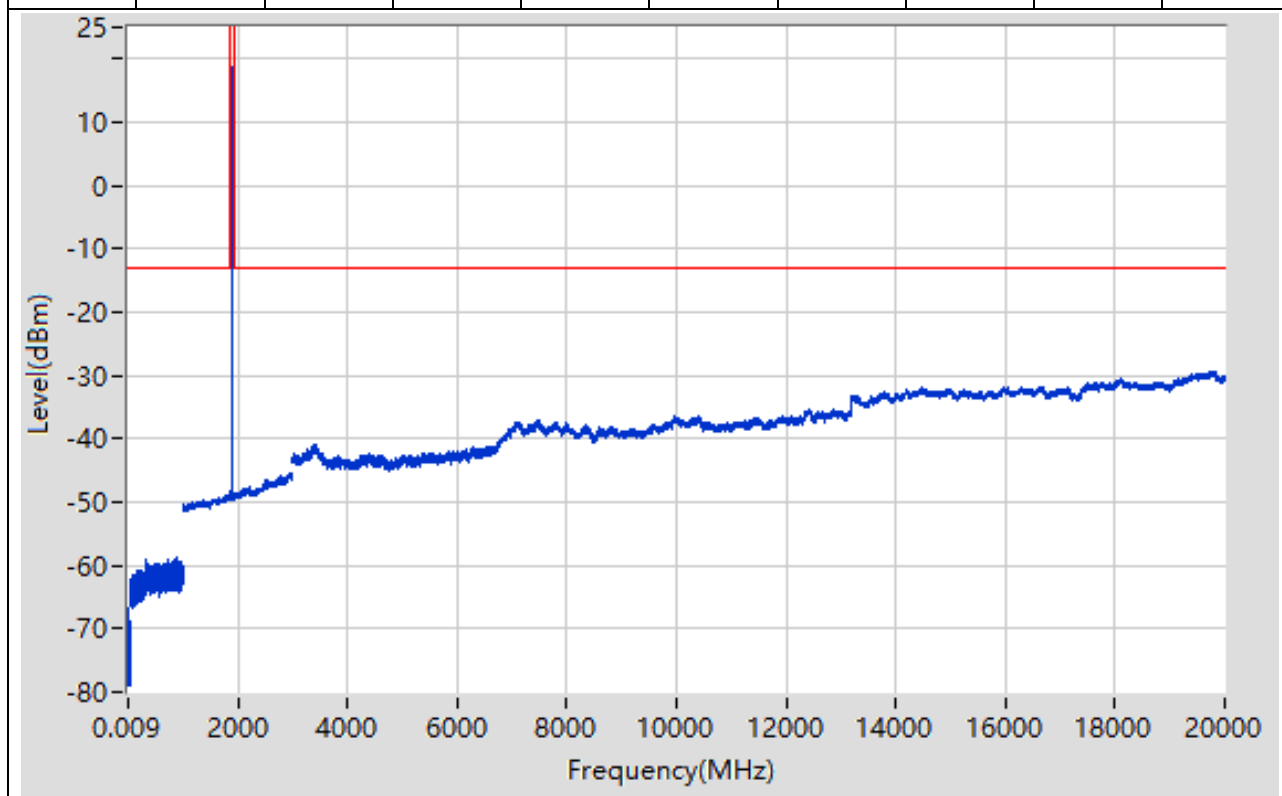
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.55	-13	53.55	Pass	401
0.15	30	0.01	RMS	1.68	-67.84	-13	54.84	Pass	2986
30	1000	0.1	RMS	926.651	-59.09	-13	46.09	Pass	9701
1000	1840	1	RMS	1814	-48.83	-13	35.83	Pass	841
1840	1920	1	RMS	1849.8	20.26	60	39.74	Pass	401
1920	3000	1	RMS	2972	-45.66	-13	32.66	Pass	1081
3000	20000	1	RMS	19773	-29.19	-13	16.19	Pass	17003



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_Mid

### 14.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

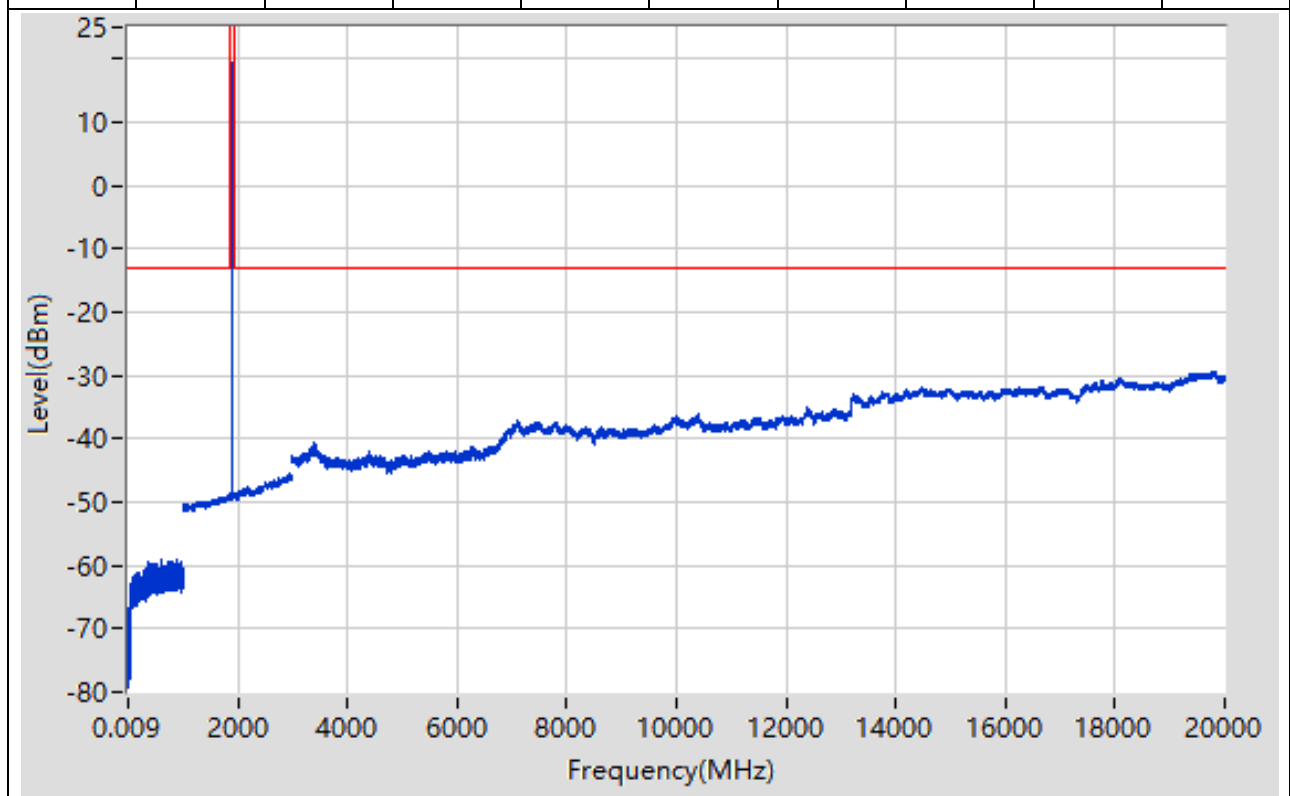
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.66	-13	53.66	Pass	401
0.15	30	0.01	RMS	0.22	-67.92	-13	54.92	Pass	2986
30	1000	0.1	RMS	893.73	-58.85	-13	45.85	Pass	9701
1000	1840	1	RMS	1791	-48.84	-13	35.84	Pass	841
1840	1920	1	RMS	1880.4	18.89	60	41.11	Pass	401
1920	3000	1	RMS	2966	-45.47	-13	32.47	Pass	1081
3000	20000	1	RMS	19792	-29.37	-13	16.37	Pass	17003



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_Mid

### 14.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

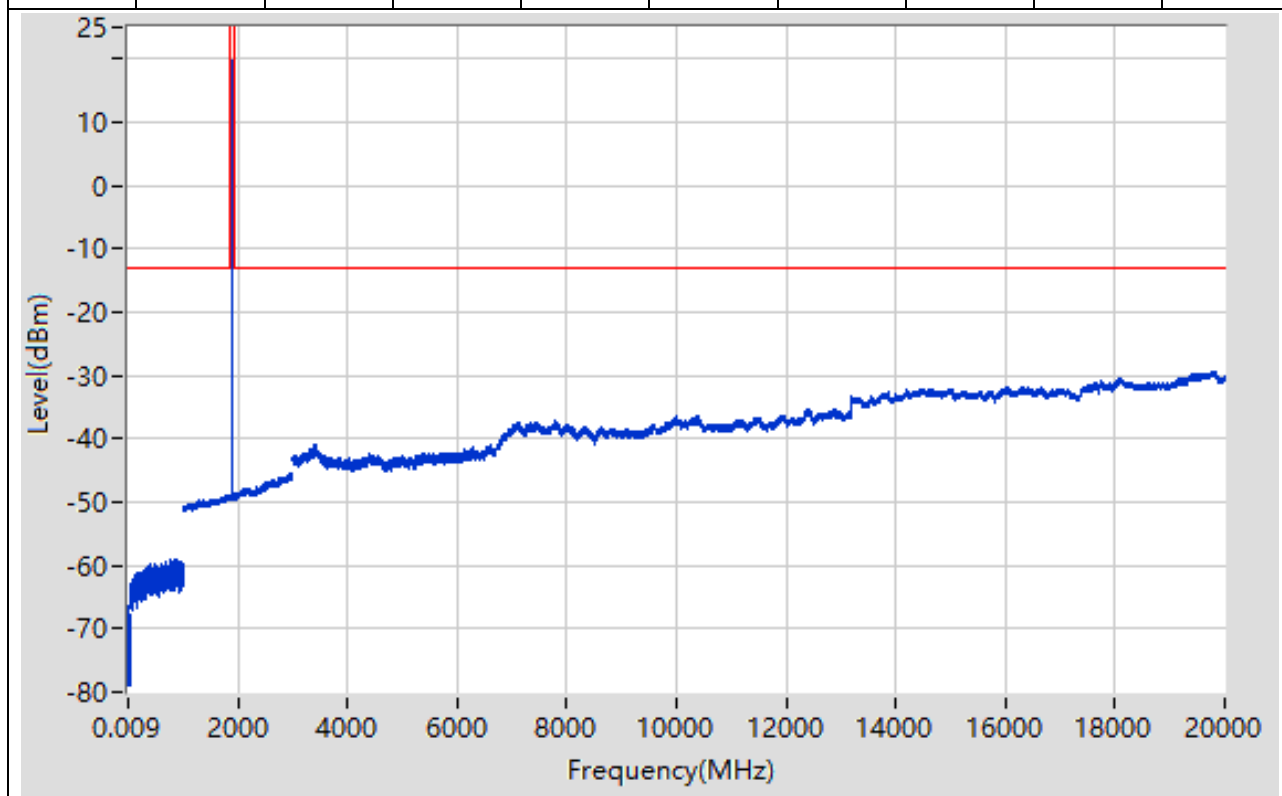
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.88	-13	53.88	Pass	401
0.15	30	0.01	RMS	15.8	-67.69	-13	54.69	Pass	2986
30	1000	0.1	RMS	614.1	-59.14	-13	46.14	Pass	9701
1000	1840	1	RMS	1800	-48.94	-13	35.94	Pass	841
1840	1920	1	RMS	1879.8	19.47	60	40.53	Pass	401
1920	3000	1	RMS	2961	-45.43	-13	32.43	Pass	1081
3000	20000	1	RMS	19786	-29.31	-13	16.31	Pass	17003



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_High

### 14.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

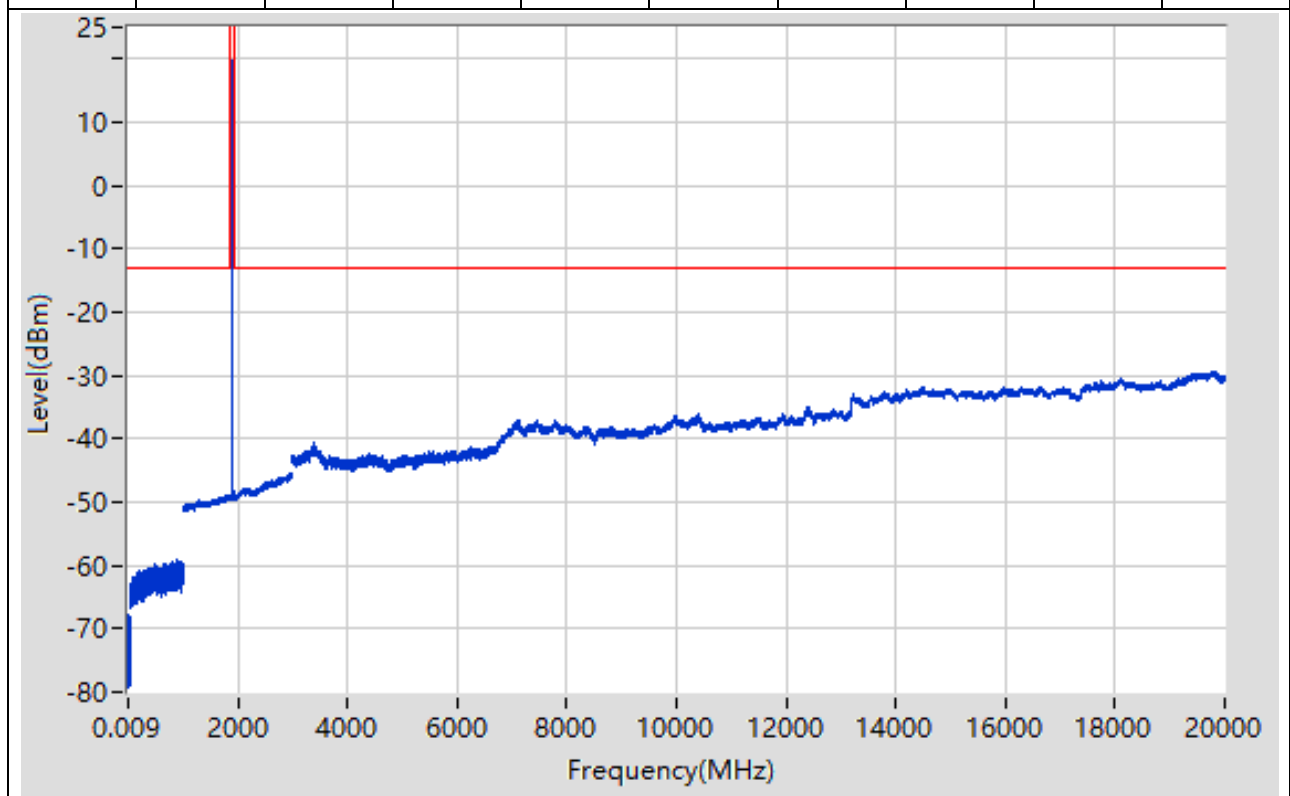
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.016	-66.42	-13	53.42	Pass	401
0.15	30	0.01	RMS	0.69	-67.92	-13	54.92	Pass	2986
30	1000	0.1	RMS	775.4	-59.05	-13	46.05	Pass	9701
1000	1840	1	RMS	1805	-48.9	-13	35.9	Pass	841
1840	1920	1	RMS	1910	19.91	60	40.09	Pass	401
1920	3000	1	RMS	2960	-45.51	-13	32.51	Pass	1081
3000	20000	1	RMS	19805	-29.26	-13	16.26	Pass	17003



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_High

### 14.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

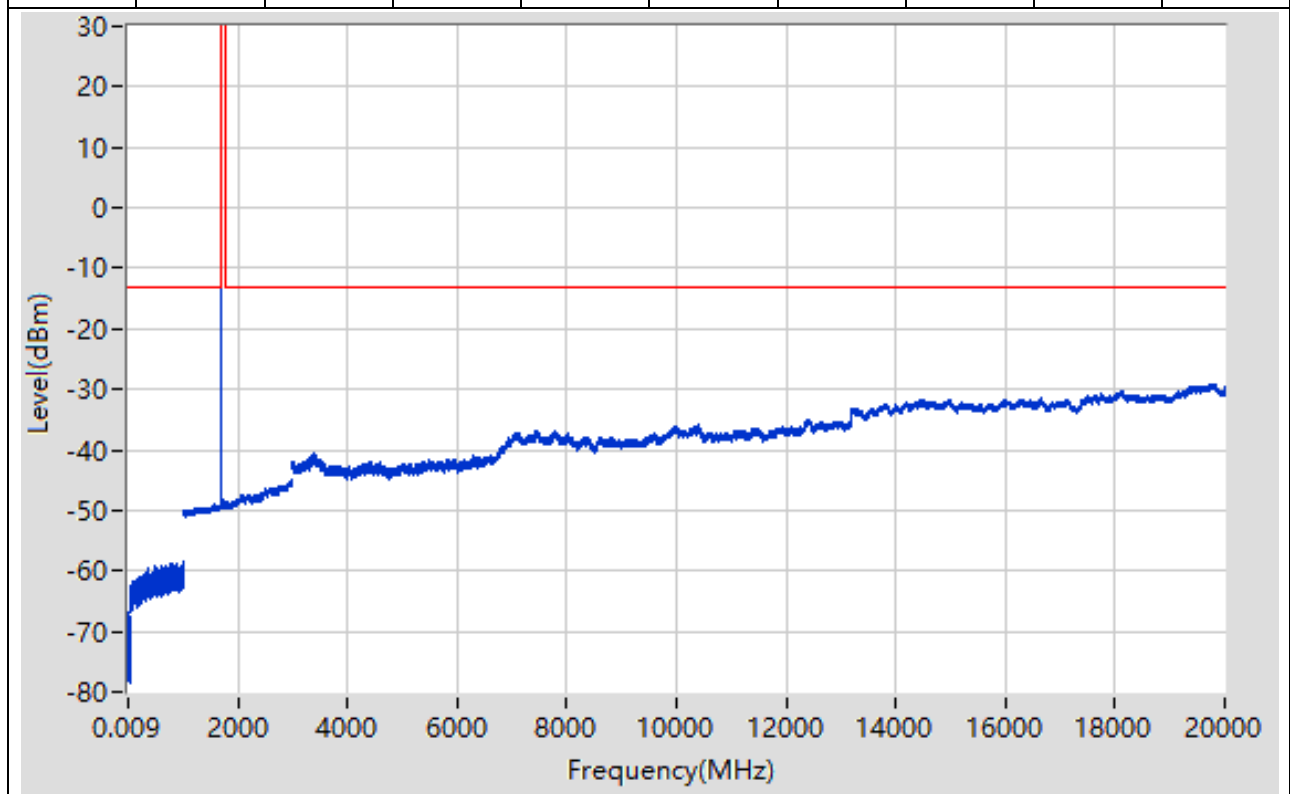
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-67.82	-13	54.82	Pass	401
0.15	30	0.01	RMS	23.68	-68.06	-13	55.06	Pass	2986
30	1000	0.1	RMS	896.331	-59.03	-13	46.03	Pass	9701
1000	1840	1	RMS	1799	-48.87	-13	35.87	Pass	841
1840	1920	1	RMS	1910.2	19.79	60	40.21	Pass	401
1920	3000	1	RMS	2955	-45.38	-13	32.38	Pass	1081
3000	20000	1	RMS	19810	-29.32	-13	16.32	Pass	17003



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_Low

### 15.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

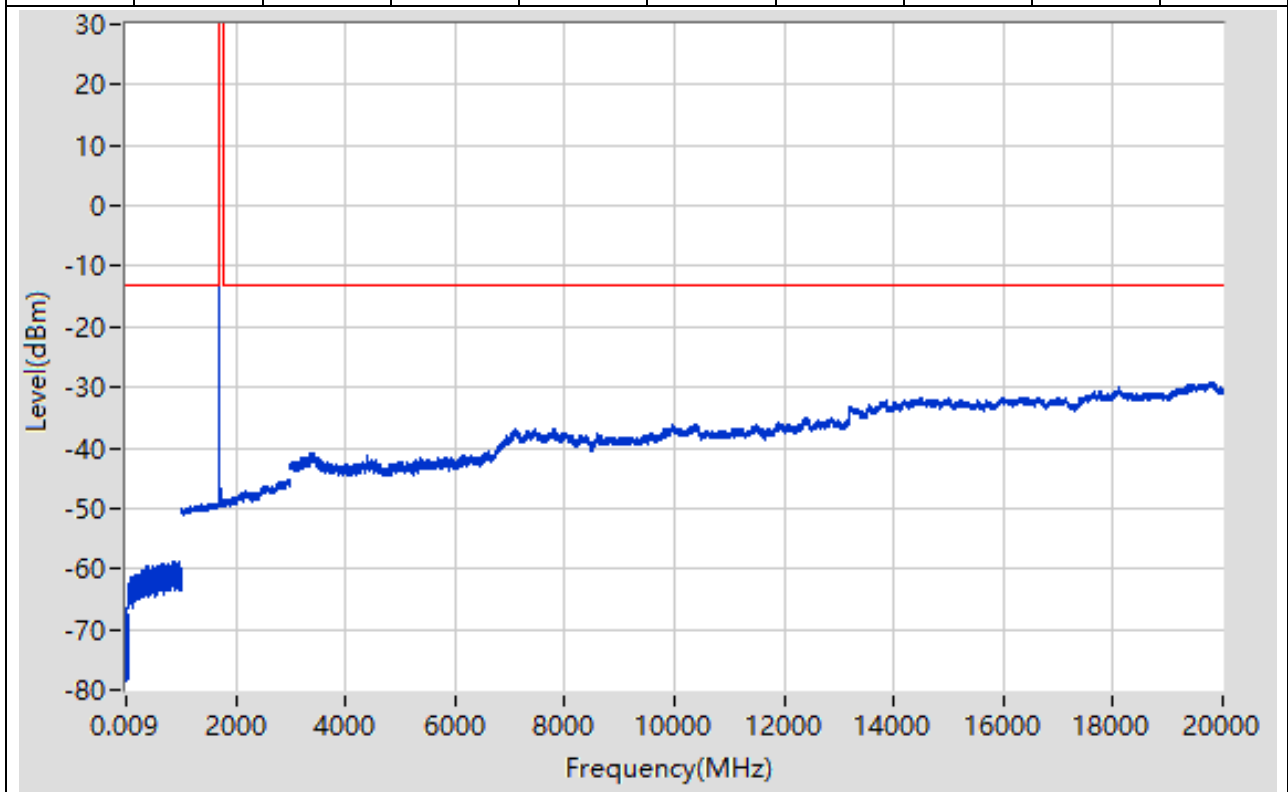
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-66.74	-13	53.74	Pass	401
0.15	30	0.01	RMS	19.66	-67.36	-13	54.36	Pass	2986
30	1000	0.1	RMS	996.498	-58.34	-13	45.34	Pass	9701
1000	1700	1	RMS	1688	-49.06	-13	36.06	Pass	701
1700	1765	1	RMS	1710.075	21.86	60	38.14	Pass	401
1765	3000	1	RMS	2984	-45.05	-13	32.05	Pass	1236
3000	20000	1	RMS	19784	-29.07	-13	16.07	Pass	17003



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_Low

### 15.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

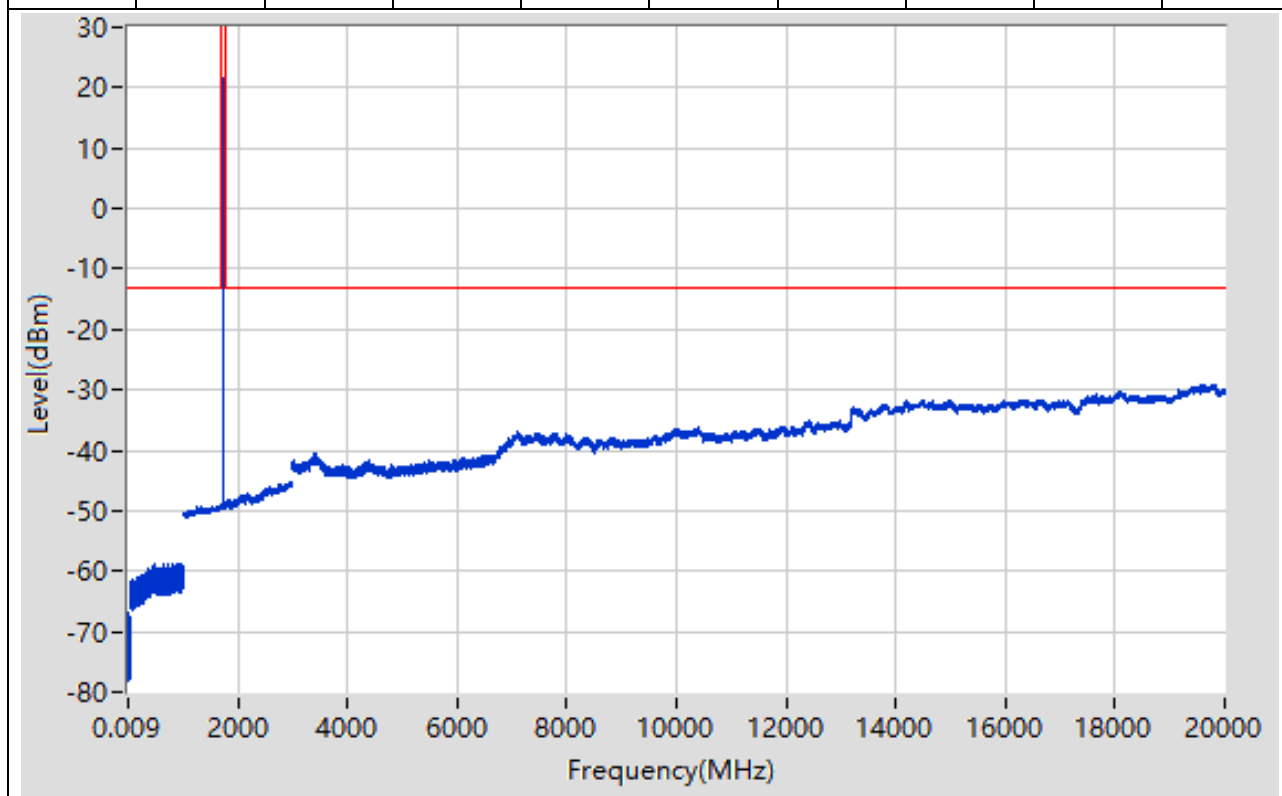
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-66.52	-13	53.52	Pass	401
0.15	30	0.01	RMS	29.15	-67.74	-13	54.74	Pass	2986
30	1000	0.1	RMS	876.518	-58.75	-13	45.75	Pass	9701
1000	1700	1	RMS	1699	-48.48	-13	35.48	Pass	701
1700	1765	1	RMS	1710.075	21.9	60	38.1	Pass	401
1765	3000	1	RMS	2964	-45.18	-13	32.18	Pass	1236
3000	20000	1	RMS	19787	-29.05	-13	16.05	Pass	17003



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_Mid

### 15.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-66.92	-13	53.92	Pass	401
0.15	30	0.01	RMS	0.87	-67.33	-13	54.33	Pass	2986
30	1000	0.1	RMS	476.8	-58.64	-13	45.64	Pass	9701
1000	1700	1	RMS	1688	-48.97	-13	35.97	Pass	701
1700	1765	1	RMS	1732.5	21.7	60	38.3	Pass	401
1765	3000	1	RMS	2959	-45.21	-13	32.21	Pass	1236
3000	20000	1	RMS	19792	-29.21	-13	16.21	Pass	17003

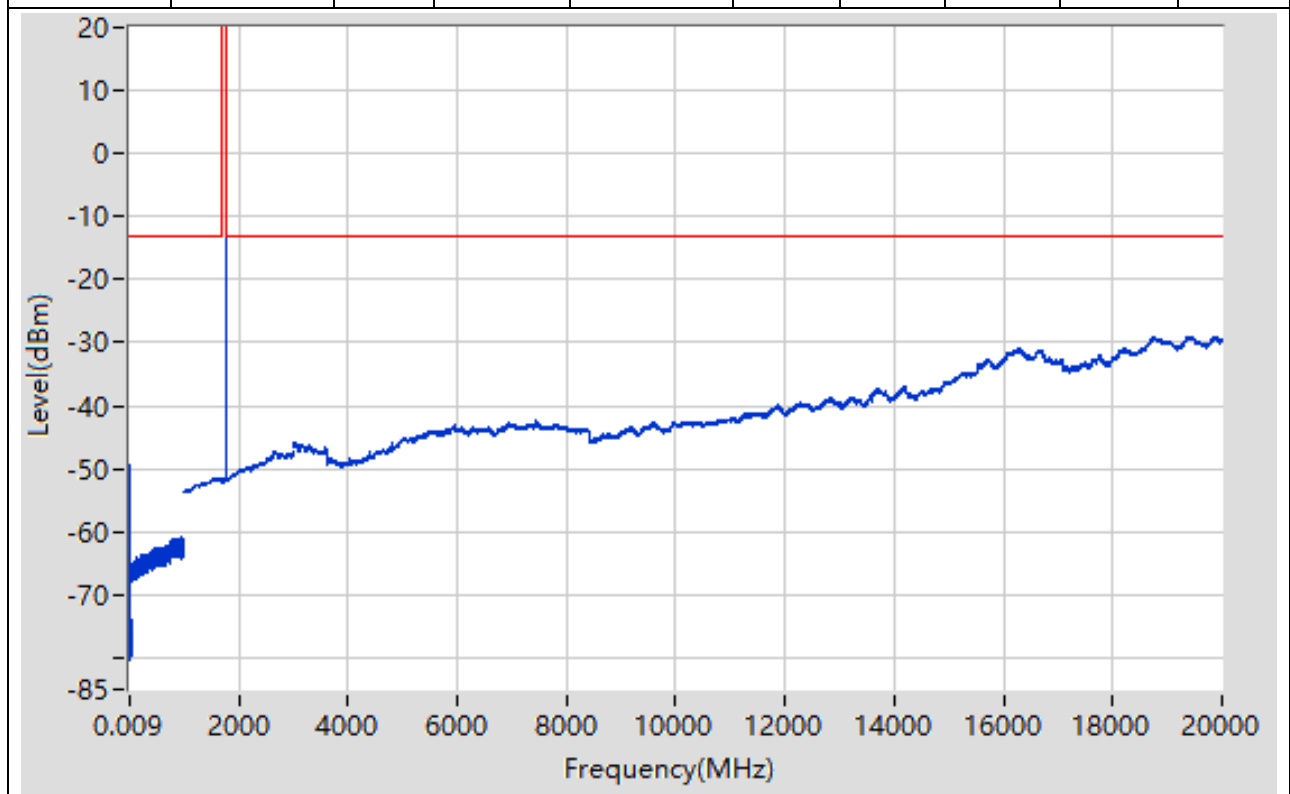




## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_Mid

### 15.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

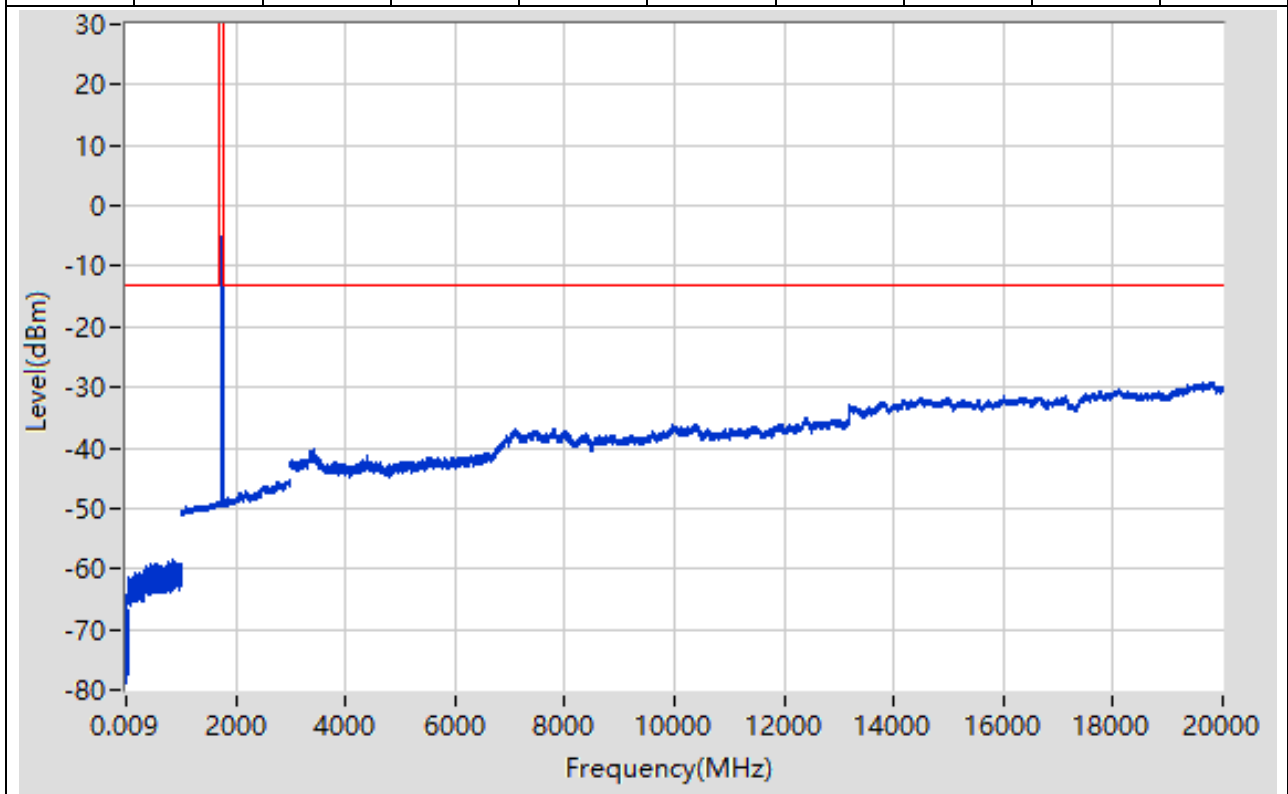
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-49.31	-13	36.31	Pass	401
0.15	30	0.01	RMS	0.16	-57.51	-13	44.51	Pass	2986
30	1000	0.1	RMS	951.1	-60.97	-13	47.97	Pass	9701
1000	1700	1	RMS	1672	-51.54	-13	38.54	Pass	701
1700	1765	1	RMS	1754.763	13.4	60	46.6	Pass	401
1765	3000	1	RMS	2999	-47.33	-13	34.33	Pass	1236
3000	20000	1	RMS	19366	-28.96	-13	15.96	Pass	17001



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_High

### 15.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

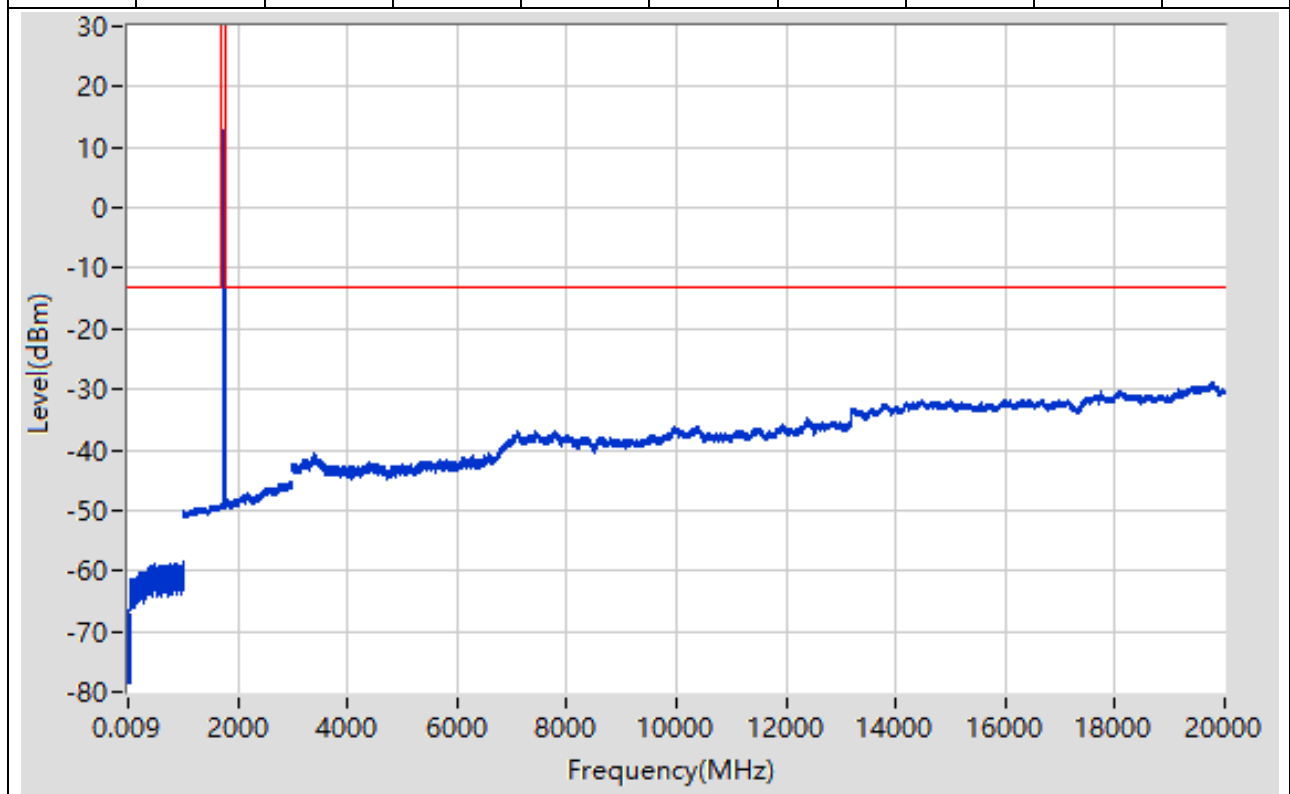
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-64.43	-13	51.43	Pass	401
0.15	30	0.01	RMS	25.4	-66.79	-13	53.79	Pass	2986
30	1000	0.1	RMS	838.7	-58.53	-13	45.53	Pass	9701
1000	1700	1	RMS	1672	-49.09	-13	36.09	Pass	701
1700	1765	1	RMS	1754.763	21.63	60	38.37	Pass	401
1765	3000	1	RMS	3000	-45.2	-13	32.2	Pass	1236
3000	20000	1	RMS	19795	-29.09	-13	16.09	Pass	17003



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_High

### 15.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

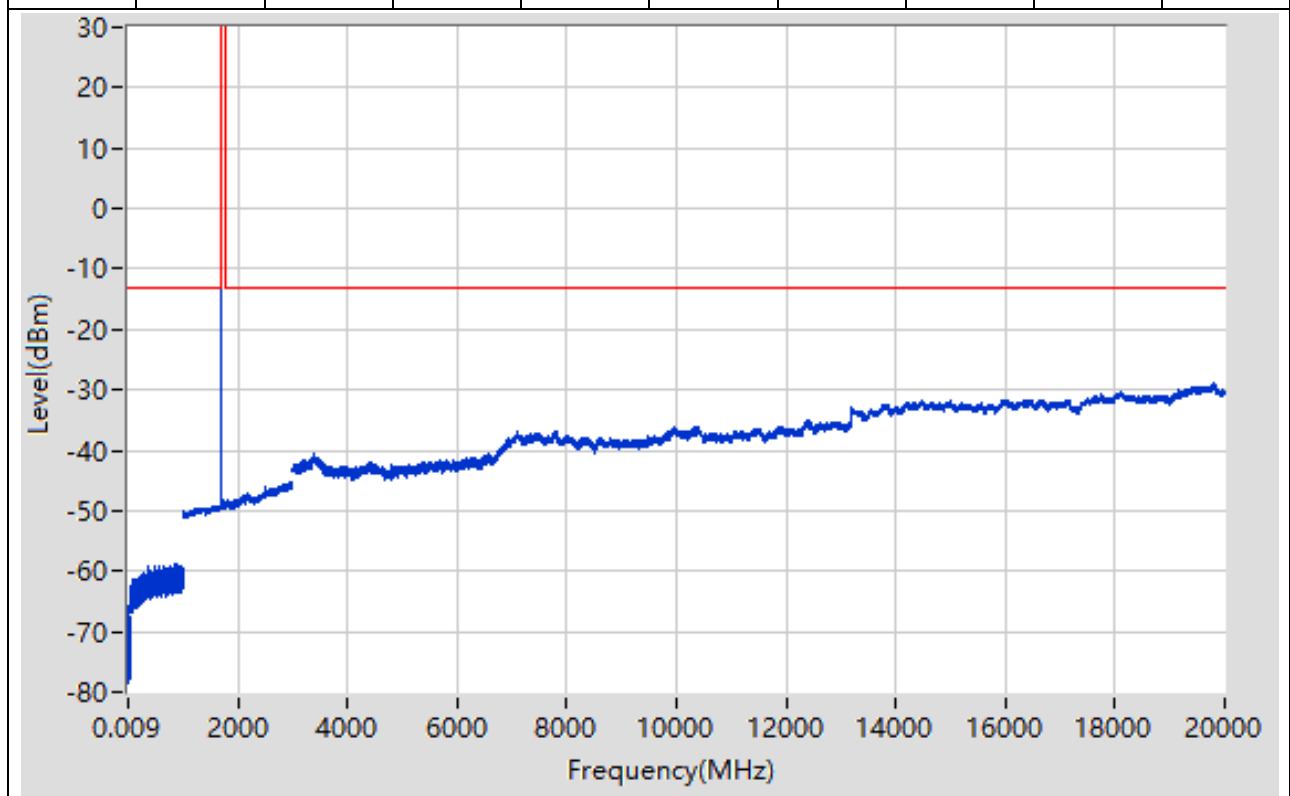
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-66.46	-13	53.46	Pass	401
0.15	30	0.01	RMS	22.19	-67.14	-13	54.14	Pass	2986
30	1000	0.1	RMS	998.999	-58.6	-13	45.6	Pass	9701
1000	1700	1	RMS	1698	-49.08	-13	36.08	Pass	701
1700	1765	1	RMS	1754.925	21.59	60	38.41	Pass	401
1765	3000	1	RMS	2975	-45.3	-13	32.3	Pass	1236
3000	20000	1	RMS	19792	-28.87	-13	15.87	Pass	17003



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_Low

### 15.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

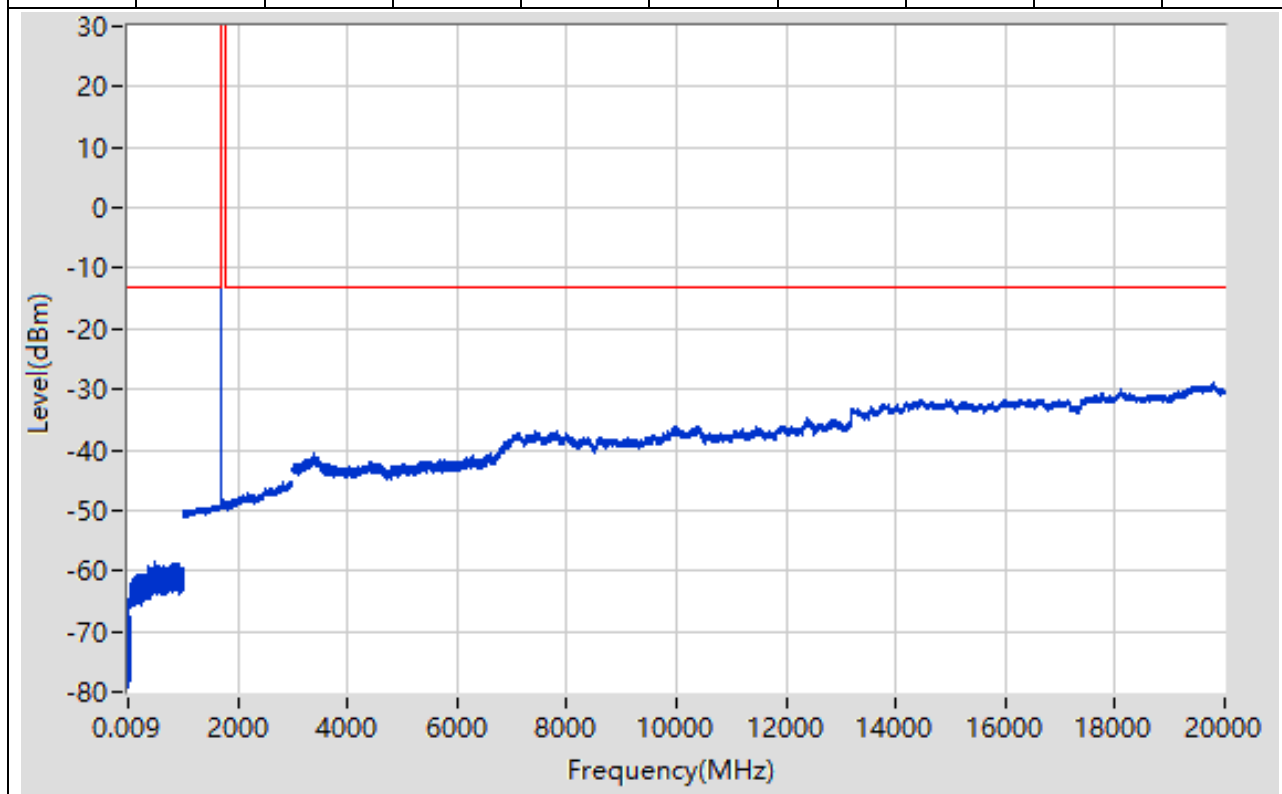
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.038	-65.91	-13	52.91	Pass	401
0.15	30	0.01	RMS	19.07	-67.63	-13	54.63	Pass	2986
30	1000	0.1	RMS	903.736	-58.67	-13	45.67	Pass	9701
1000	1700	1	RMS	1700	-48.58	-13	35.58	Pass	701
1700	1765	1	RMS	1709.75	20.92	60	39.08	Pass	401
1765	3000	1	RMS	2966	-45.15	-13	32.15	Pass	1236
3000	20000	1	RMS	19802	-28.95	-13	15.95	Pass	17003



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_Low

### 15.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

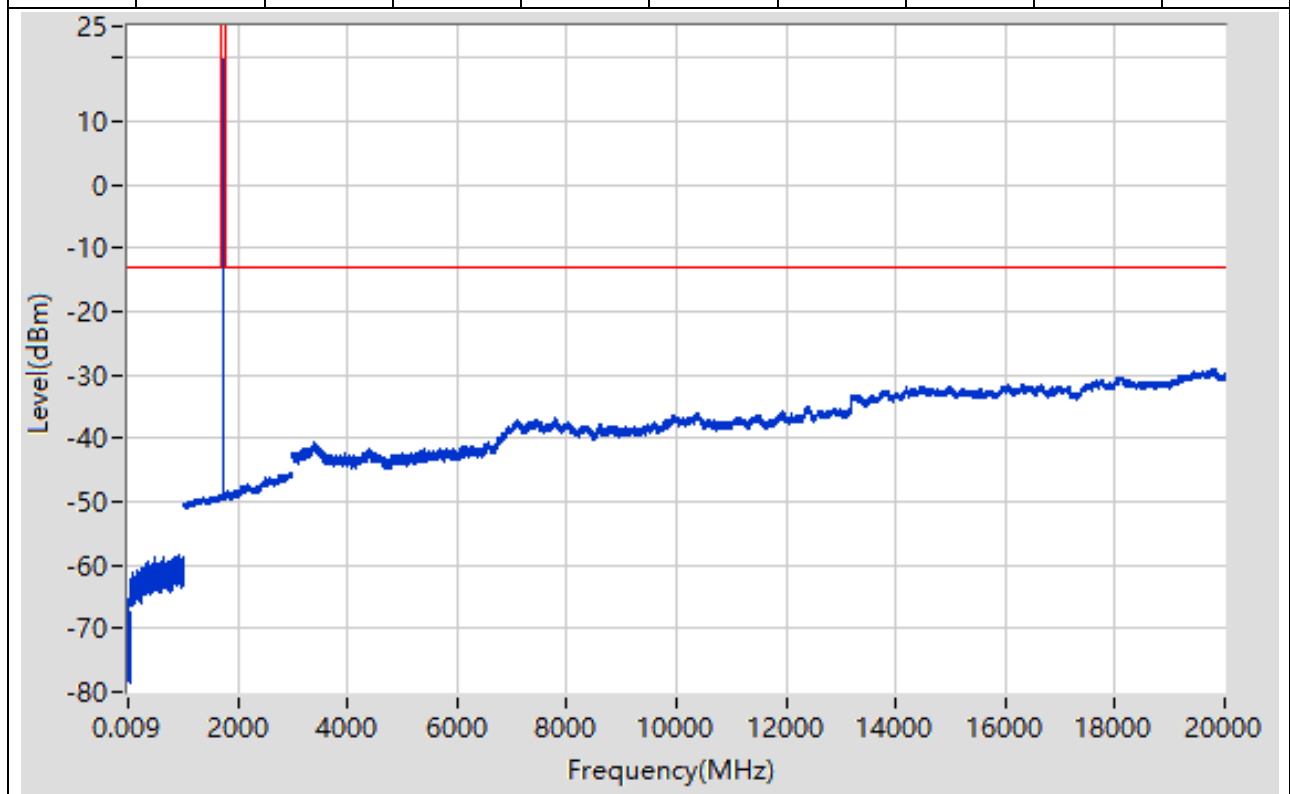
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-64.5	-13	51.5	Pass	401
0.15	30	0.01	RMS	0.23	-67.35	-13	54.35	Pass	2986
30	1000	0.1	RMS	481.7	-58.39	-13	45.39	Pass	9701
1000	1700	1	RMS	1700	-48.46	-13	35.46	Pass	701
1700	1765	1	RMS	1710.075	22.21	60	37.79	Pass	401
1765	3000	1	RMS	2956	-45.35	-13	32.35	Pass	1236
3000	20000	1	RMS	19800	-28.9	-13	15.9	Pass	17003



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_Mid

### 15.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

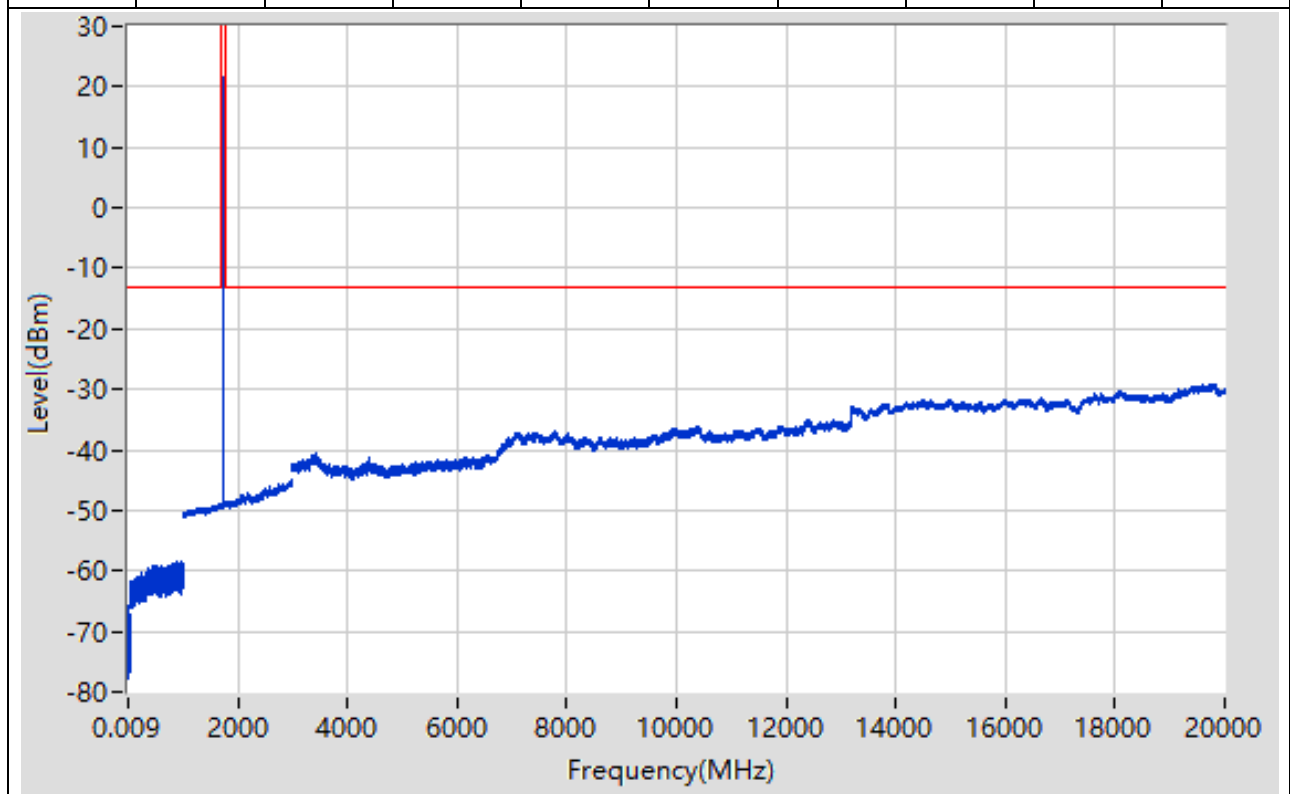
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-65.26	-13	52.26	Pass	401
0.15	30	0.01	RMS	24.2	-67.31	-13	54.31	Pass	2986
30	1000	0.1	RMS	913.943	-58.33	-13	45.33	Pass	9701
1000	1700	1	RMS	1677	-49.07	-13	36.07	Pass	701
1700	1765	1	RMS	1732.013	19.73	60	40.27	Pass	401
1765	3000	1	RMS	2973	-45.32	-13	32.32	Pass	1236
3000	20000	1	RMS	19788	-28.95	-13	15.95	Pass	17003



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_Mid

### 15.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

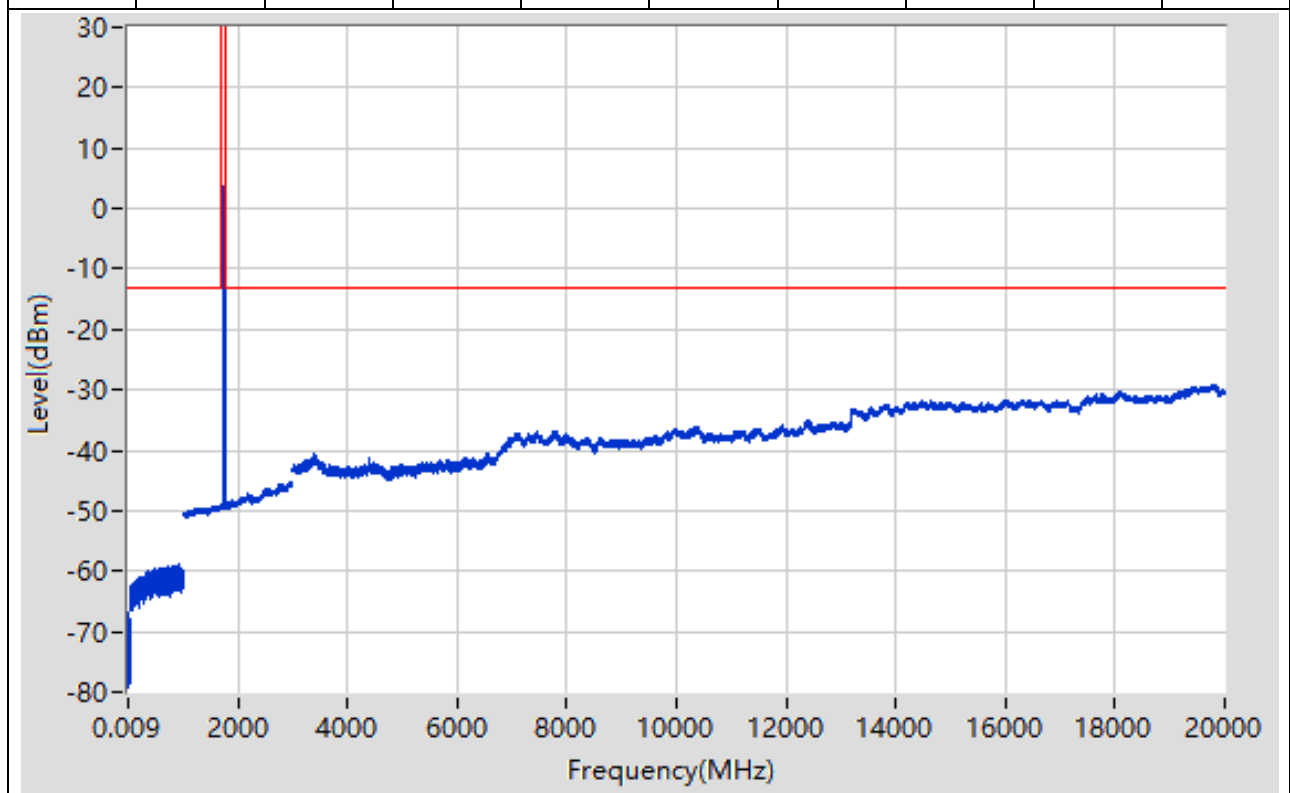
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-65.79	-13	52.79	Pass	401
0.15	30	0.01	RMS	26.99	-67.25	-13	54.25	Pass	2986
30	1000	0.1	RMS	893.63	-58.41	-13	45.41	Pass	9701
1000	1700	1	RMS	1693	-49.09	-13	36.09	Pass	701
1700	1765	1	RMS	1732.338	21.55	60	38.45	Pass	401
1765	3000	1	RMS	3000	-45.08	-13	32.08	Pass	1236
3000	20000	1	RMS	19788	-29.05	-13	16.05	Pass	17003



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_High

### 15.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-66.68	-13	53.68	Pass	401
0.15	30	0.01	RMS	10.56	-67.75	-13	54.75	Pass	2986
30	1000	0.1	RMS	916.845	-58.99	-13	45.99	Pass	9701
1000	1700	1	RMS	1686	-49.03	-13	36.03	Pass	701
1700	1765	1	RMS	1755.25	20.41	60	39.59	Pass	401
1765	3000	1	RMS	2962	-45.44	-13	32.44	Pass	1236
3000	20000	1	RMS	19805	-29.03	-13	16.03	Pass	17003

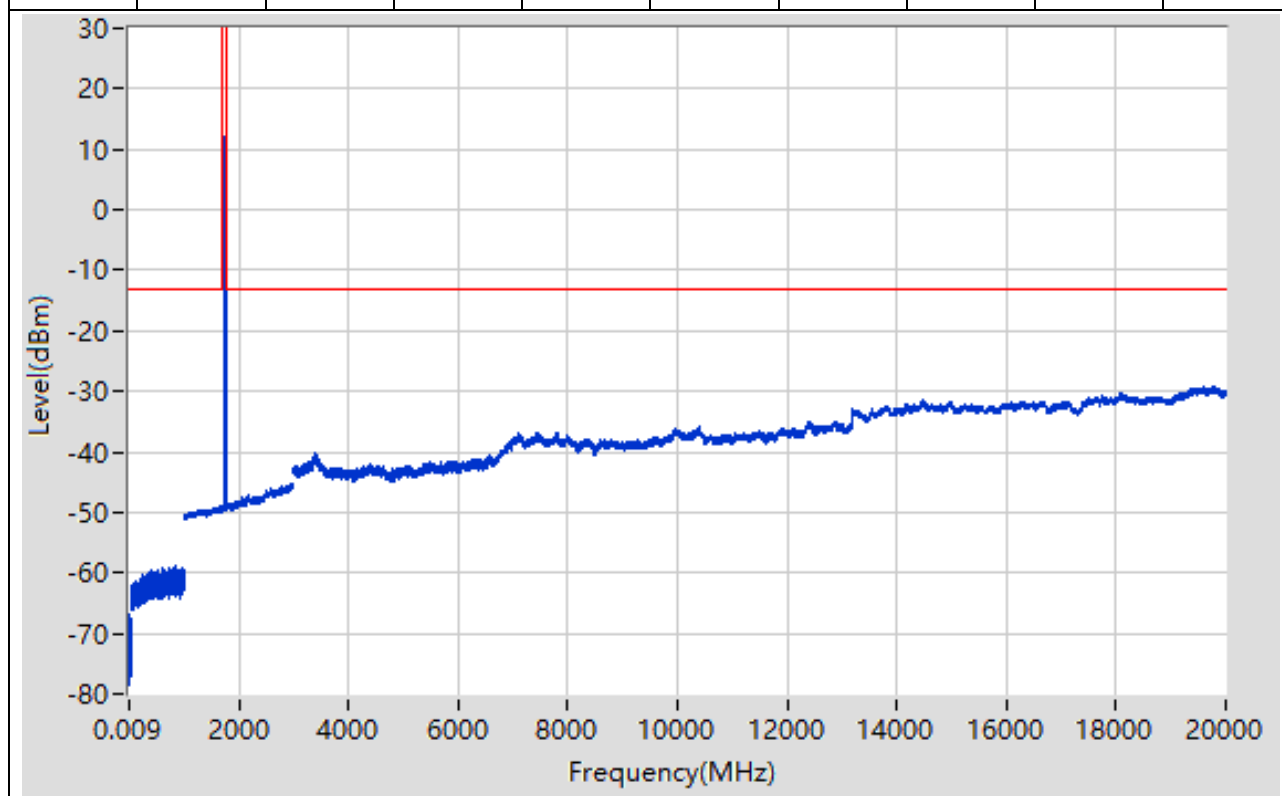




## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_High

### 15.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

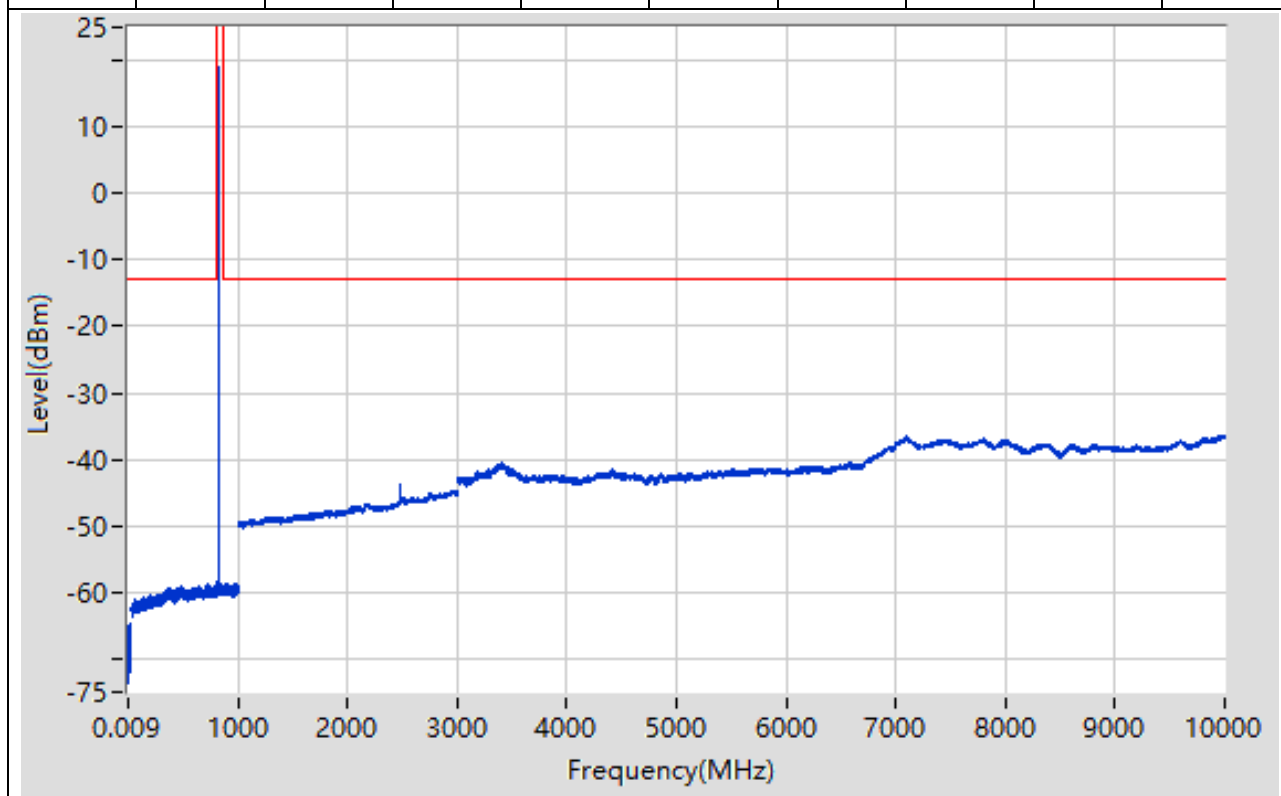
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.8	-13	53.8	Pass	401
0.15	30	0.01	RMS	8.09	-67.21	-13	54.21	Pass	2986
30	1000	0.1	RMS	865.711	-58.83	-13	45.83	Pass	9701
1000	1700	1	RMS	1686	-49.1	-13	36.1	Pass	701
1700	1765	1	RMS	1754.925	22.03	60	37.97	Pass	401
1765	3000	1	RMS	2933	-45.13	-13	32.13	Pass	1236
3000	20000	1	RMS	19806	-29.21	-13	16.21	Pass	17003



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_Low

### 16.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

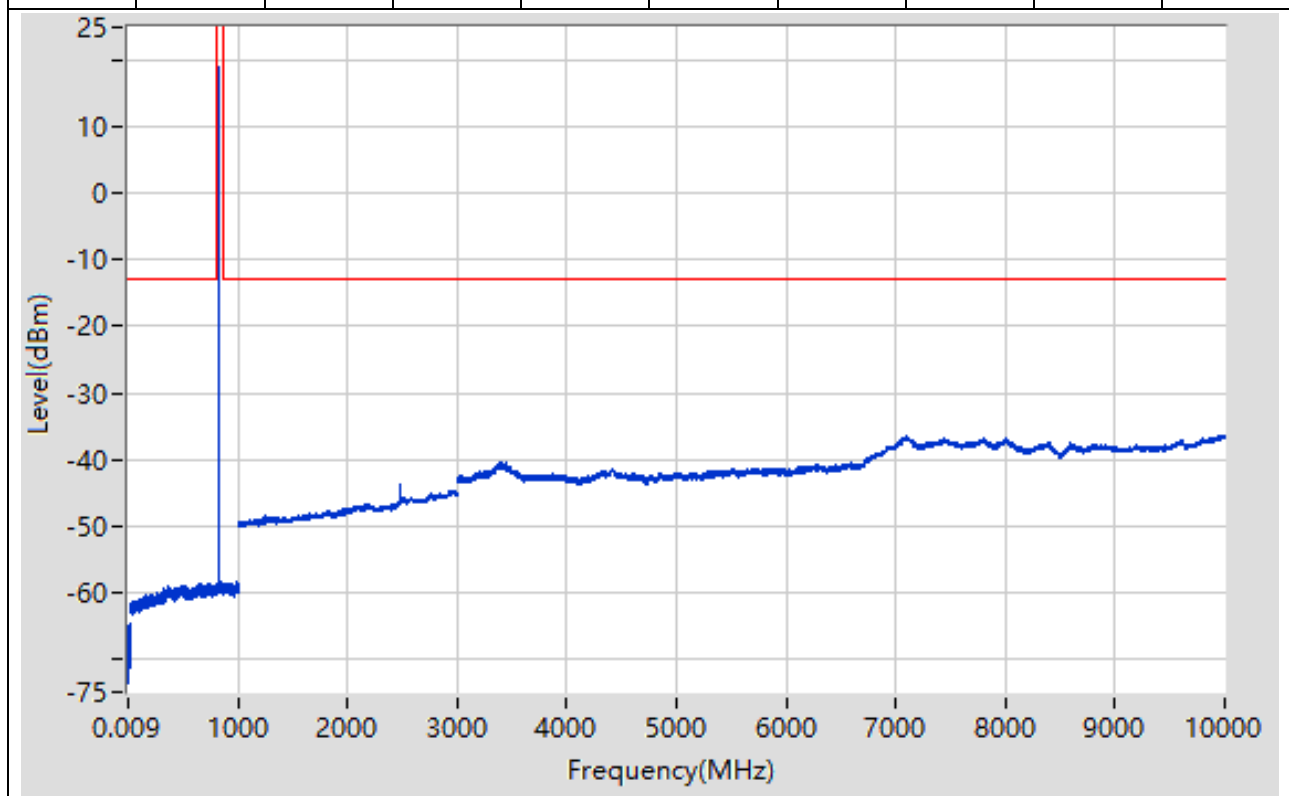
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.023	-66.25	-13	53.25	Pass	401
0.15	30	0.01	RMS	24.84	-64.74	-13	51.74	Pass	2986
30	814	0.1	RMS	813.3	-58.66	-13	45.66	Pass	7841
814	859	0.1	RMS	824	19.17	60	40.83	Pass	451
859	1000	0.1	RMS	990.4	-58.6	-13	45.6	Pass	1411
1000	3000	1	RMS	2472	-43.75	-13	30.75	Pass	2001
3000	10000	1	RMS	9979	-36.43	-13	23.43	Pass	7001



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_Low

### 16.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

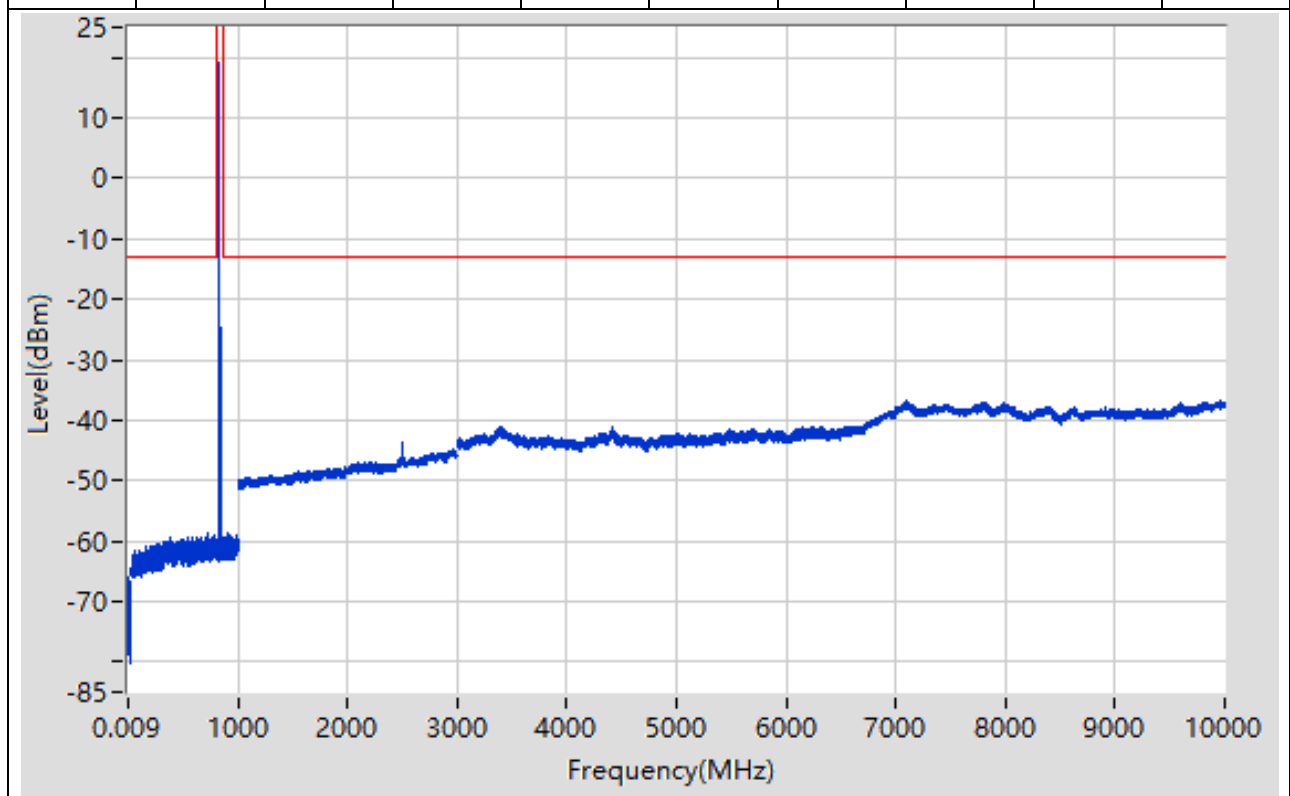
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-65.79	-13	52.79	Pass	401
0.15	30	0.01	RMS	19.85	-64.82	-13	51.82	Pass	2986
30	814	0.1	RMS	739.2	-58.69	-13	45.69	Pass	7841
814	859	0.1	RMS	824	19.17	60	40.83	Pass	451
859	1000	0.1	RMS	994	-58.51	-13	45.51	Pass	1411
1000	3000	1	RMS	2472	-43.75	-13	30.75	Pass	2001
3000	10000	1	RMS	9999	-36.35	-13	23.35	Pass	7001



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_Mid

### 16.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

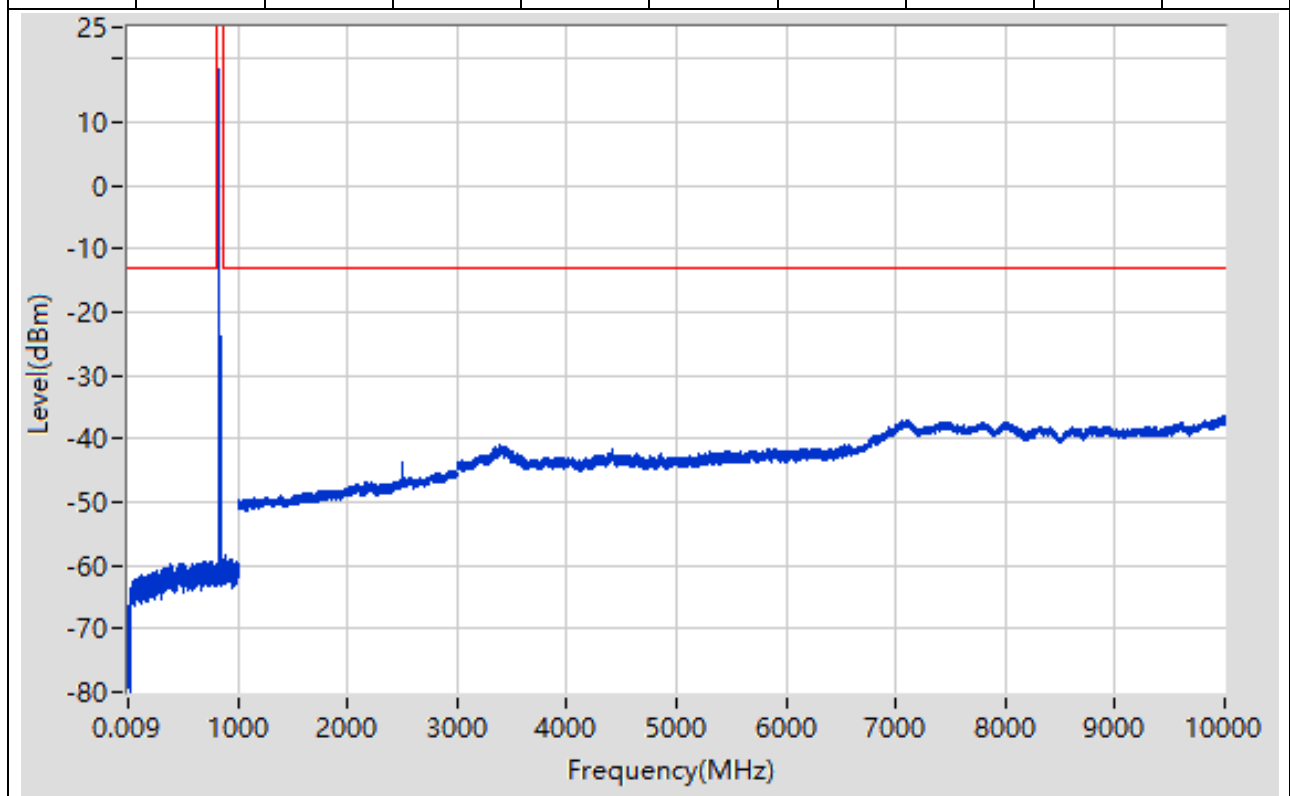
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-66.05	-13	53.05	Pass	401
0.15	30	0.01	RMS	4.76	-66.68	-13	53.68	Pass	2986
30	814	0.1	RMS	719	-58.7	-13	45.7	Pass	7841
814	859	0.1	RMS	836.4	19.02	60	40.98	Pass	451
859	1000	0.1	RMS	905.9	-58.83	-13	45.83	Pass	1411
1000	3000	1	RMS	2509	-43.72	-13	30.72	Pass	2001
3000	10000	1	RMS	9966	-36.7	-13	23.7	Pass	7001



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_Mid

### 16.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

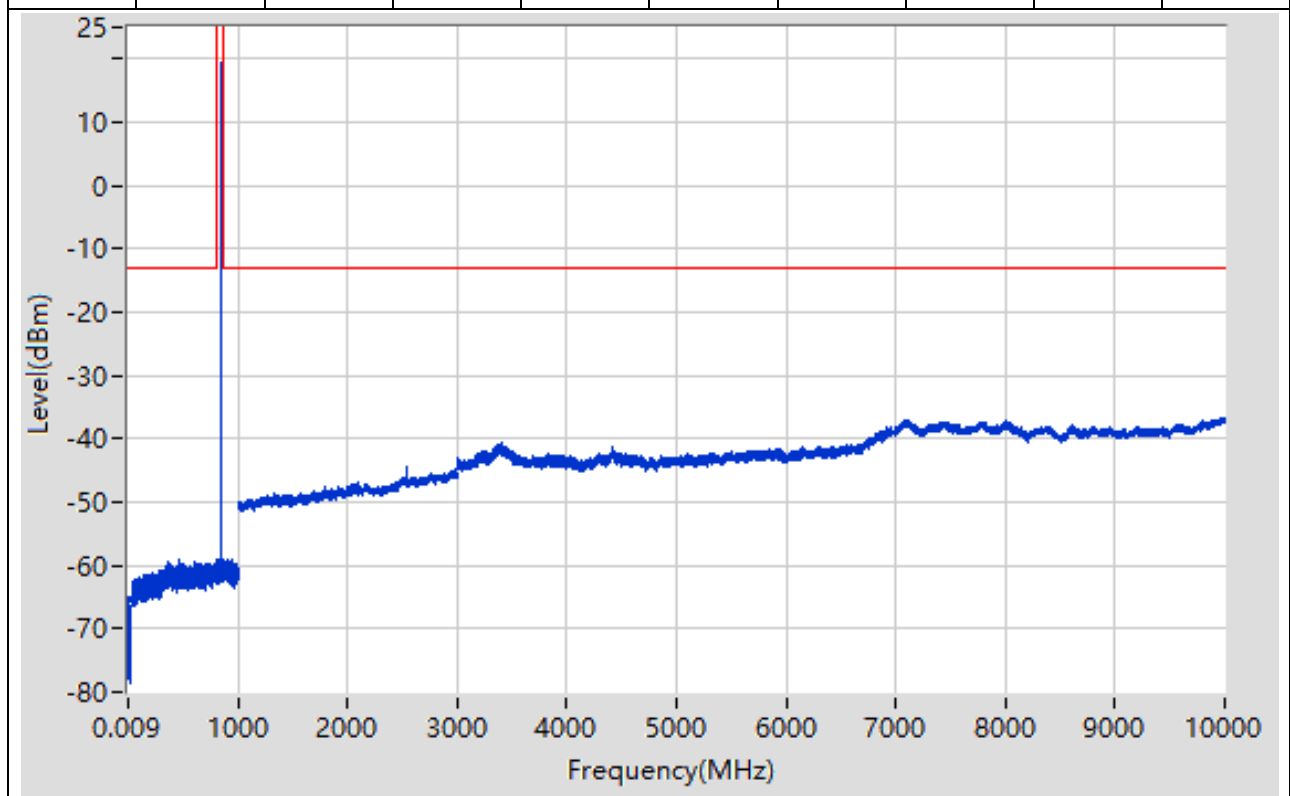
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.85	-13	53.85	Pass	401
0.15	30	0.01	RMS	26.83	-64.86	-13	51.86	Pass	2986
30	814	0.1	RMS	704.2	-59.31	-13	46.31	Pass	7841
814	859	0.1	RMS	836.4	18.52	60	41.48	Pass	451
859	1000	0.1	RMS	894.3	-58.52	-13	45.52	Pass	1411
1000	3000	1	RMS	2509	-43.83	-13	30.83	Pass	2001
3000	10000	1	RMS	9973	-36.51	-13	23.51	Pass	7001



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_High

### 16.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

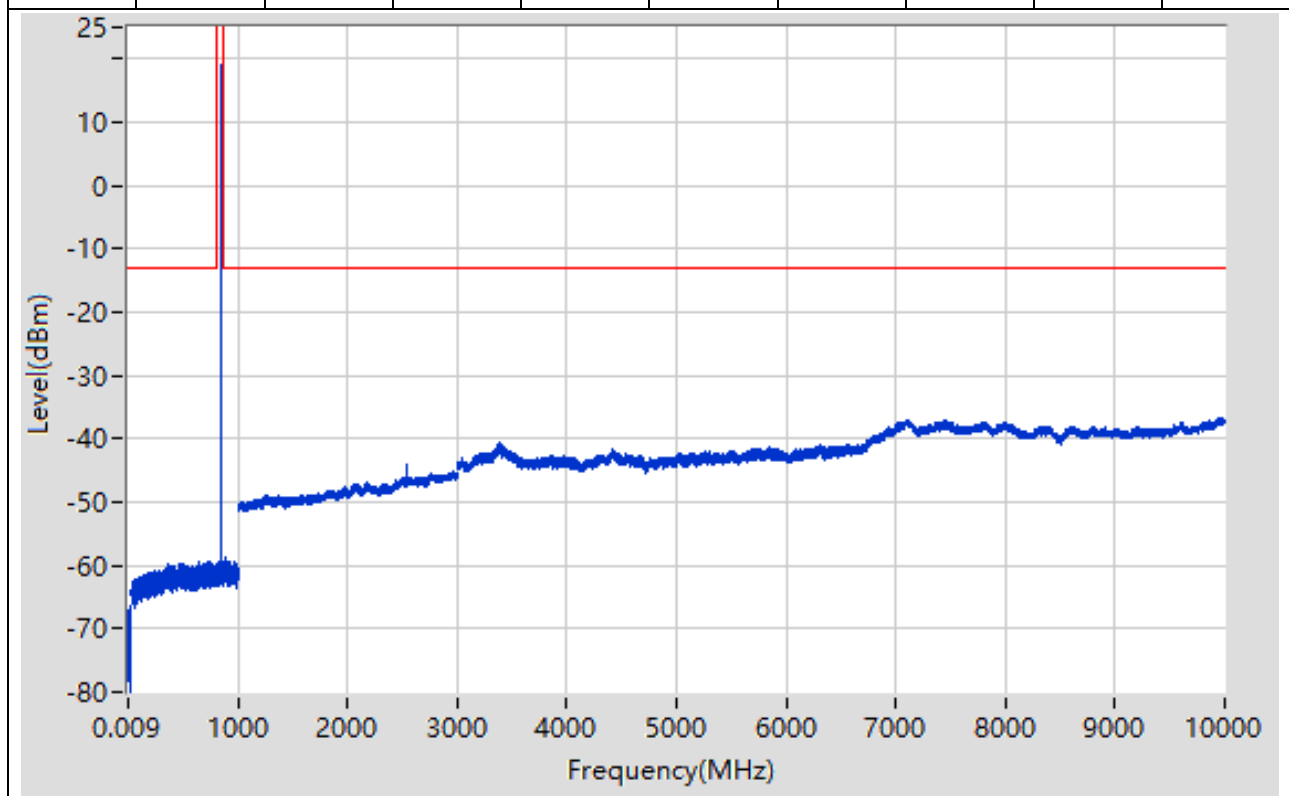
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-65.09	-13	52.09	Pass	401
0.15	30	0.01	RMS	21.06	-66.27	-13	53.27	Pass	2986
30	814	0.1	RMS	801.5	-59.07	-13	46.07	Pass	7841
814	859	0.1	RMS	848.8	19.32	60	40.68	Pass	451
859	1000	0.1	RMS	902.4	-59.06	-13	46.06	Pass	1411
1000	3000	1	RMS	2547	-44.32	-13	31.32	Pass	2001
3000	10000	1	RMS	9996	-36.65	-13	23.65	Pass	7001



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_High

### 16.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

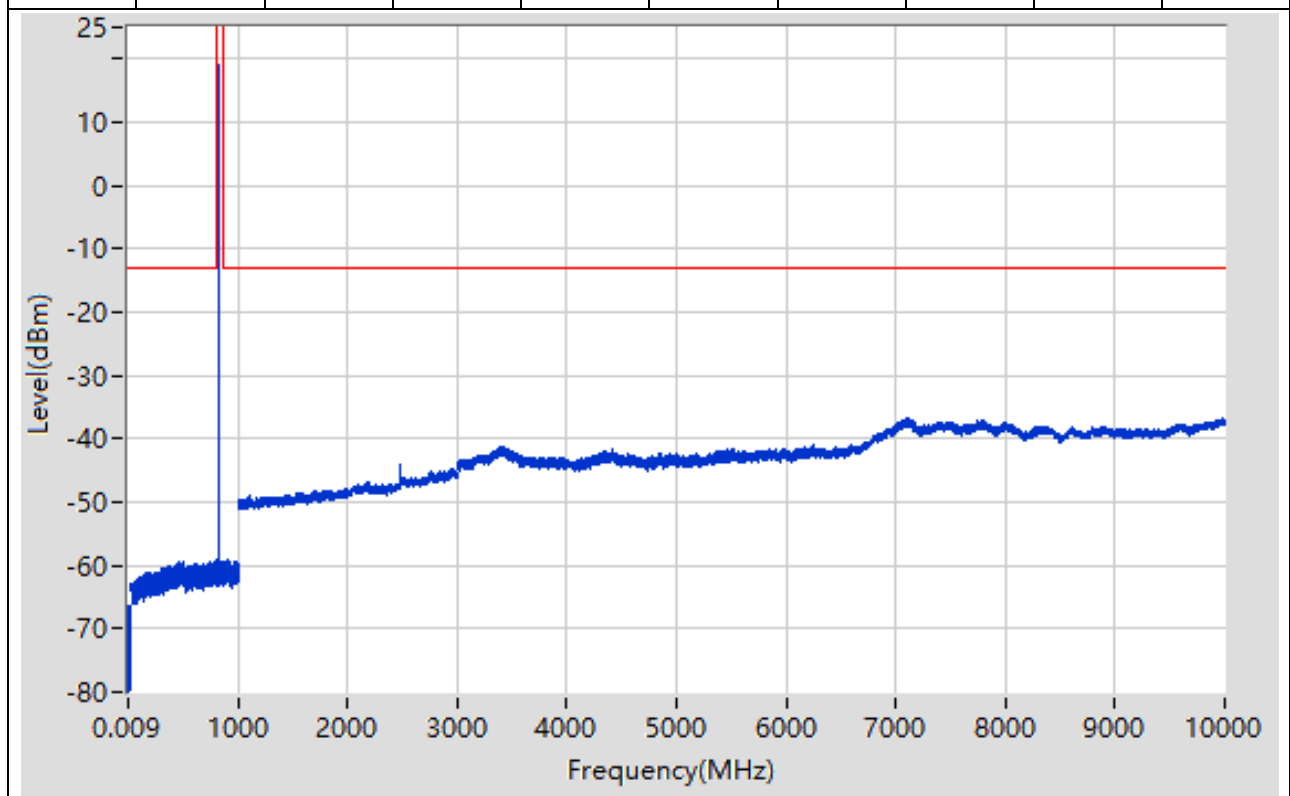
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-67.24	-13	54.24	Pass	401
0.15	30	0.01	RMS	19.6	-66.49	-13	53.49	Pass	2986
30	814	0.1	RMS	725.2	-59.3	-13	46.3	Pass	7841
814	859	0.1	RMS	848.8	19.11	60	40.89	Pass	451
859	1000	0.1	RMS	877.9	-58.86	-13	45.86	Pass	1411
1000	3000	1	RMS	2546	-44.16	-13	31.16	Pass	2001
3000	10000	1	RMS	9986	-36.67	-13	23.67	Pass	7001



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_Low

### 16.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-66.51	-13	53.51	Pass	401
0.15	30	0.01	RMS	21.29	-66.23	-13	53.23	Pass	2986
30	814	0.1	RMS	806.2	-59.22	-13	46.22	Pass	7841
814	859	0.1	RMS	824	18.92	60	41.08	Pass	451
859	1000	0.1	RMS	906.4	-59.22	-13	46.22	Pass	1411
1000	3000	1	RMS	2472	-44.05	-13	31.05	Pass	2001
3000	10000	1	RMS	7114	-36.73	-13	23.73	Pass	7001

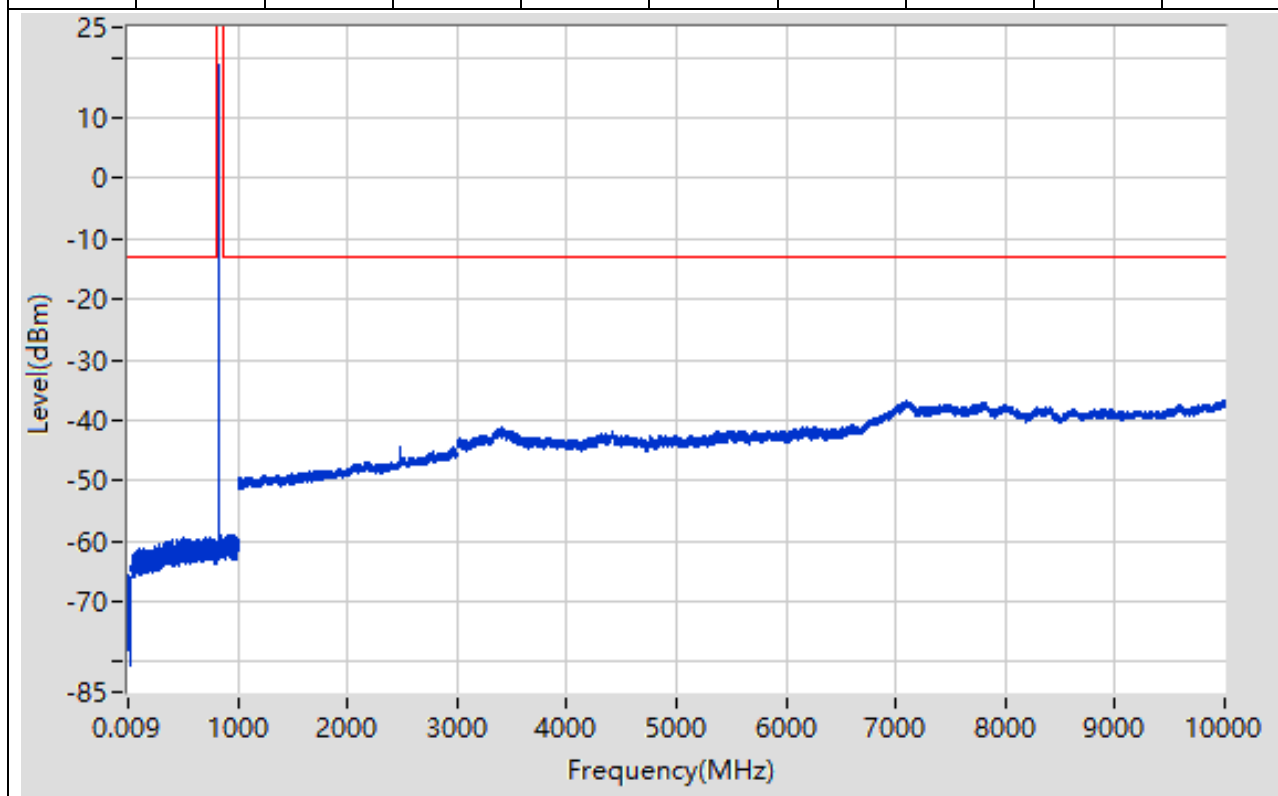




## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_Low

### 16.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

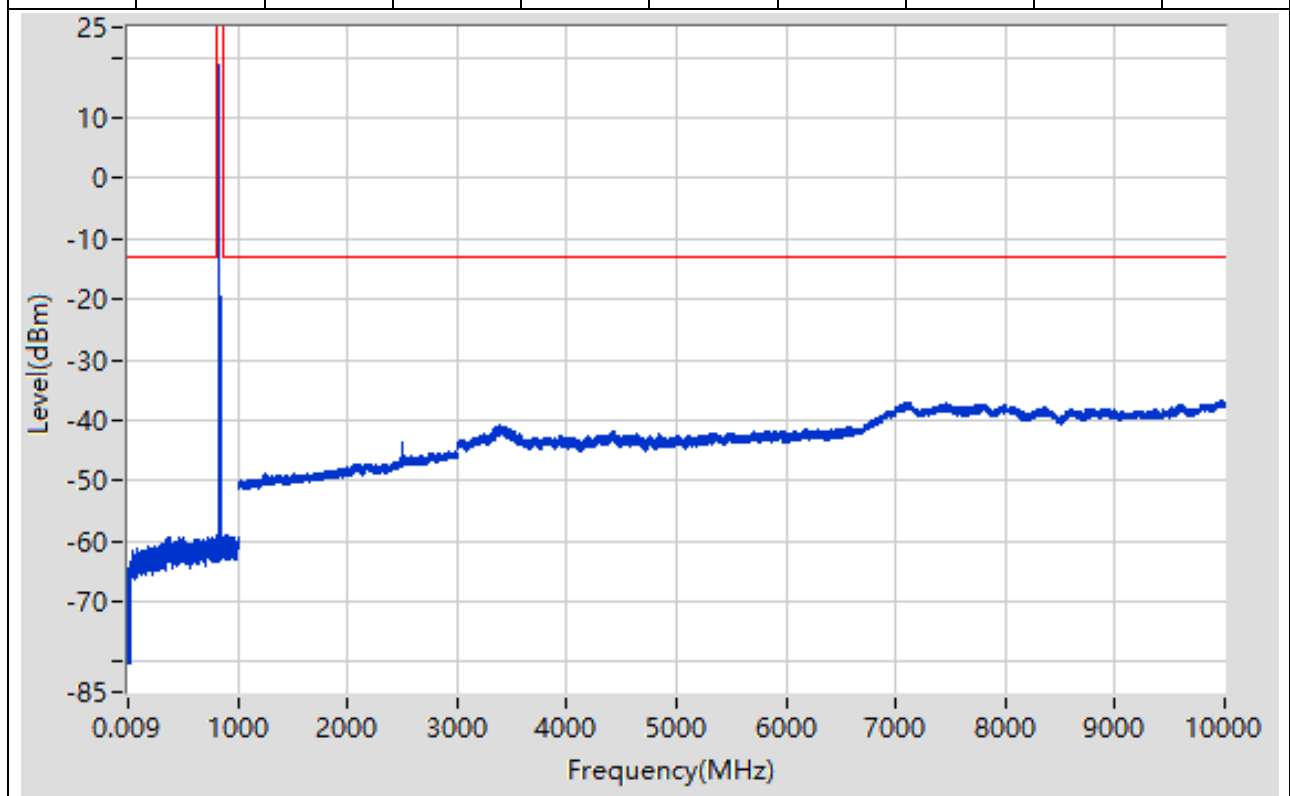
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-66.36	-13	53.36	Pass	401
0.15	30	0.01	RMS	3.69	-65.73	-13	52.73	Pass	2986
30	814	0.1	RMS	500.9	-59.33	-13	46.33	Pass	7841
814	859	0.1	RMS	824	18.9	60	41.1	Pass	451
859	1000	0.1	RMS	941.8	-59.04	-13	46.04	Pass	1411
1000	3000	1	RMS	2472	-44.32	-13	31.32	Pass	2001
3000	10000	1	RMS	9995	-36.73	-13	23.73	Pass	7001



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_Mid

### 16.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

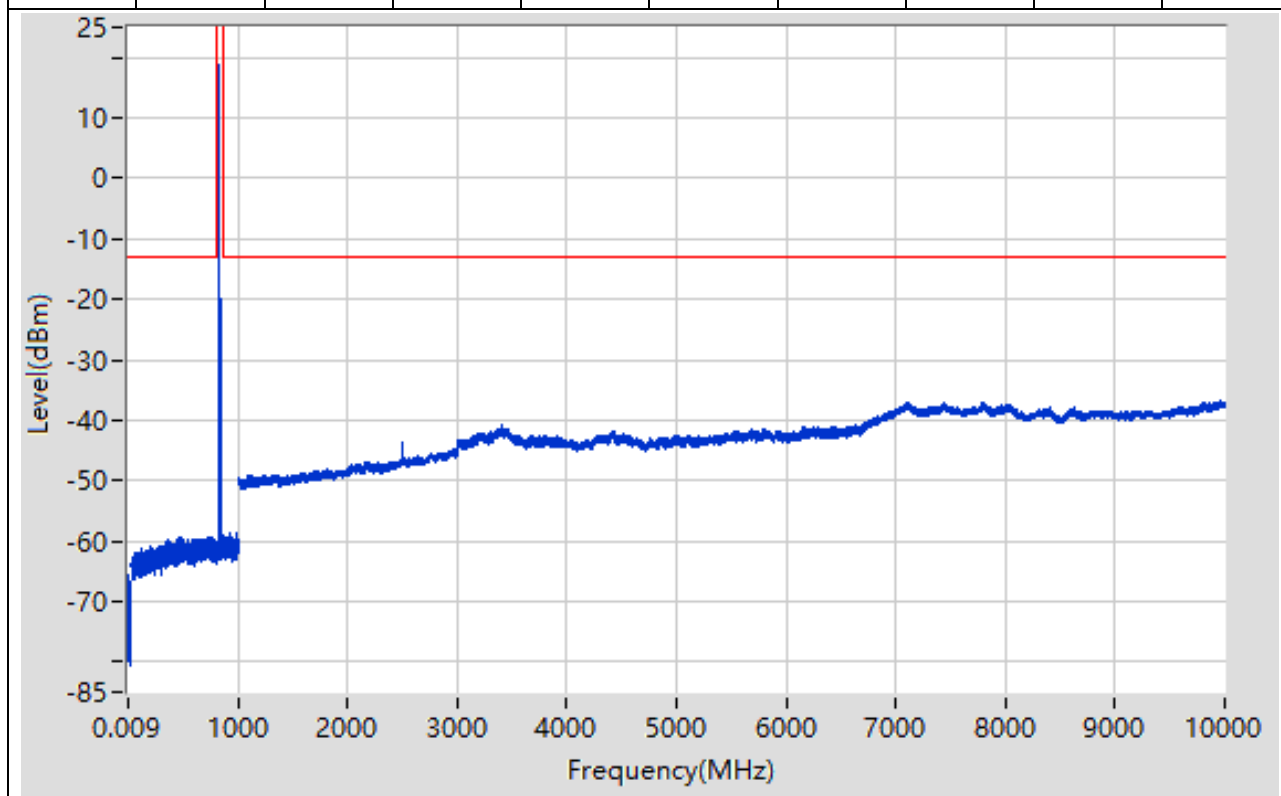
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-64.53	-13	51.53	Pass	401
0.15	30	0.01	RMS	24.43	-64.99	-13	51.99	Pass	2986
30	814	0.1	RMS	813.4	-59.08	-13	46.08	Pass	7841
814	859	0.1	RMS	836.4	18.92	60	41.08	Pass	451
859	1000	0.1	RMS	904.6	-59.15	-13	46.15	Pass	1411
1000	3000	1	RMS	2509	-43.77	-13	30.77	Pass	2001
3000	10000	1	RMS	9967	-36.75	-13	23.75	Pass	7001



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_Mid

### 16.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

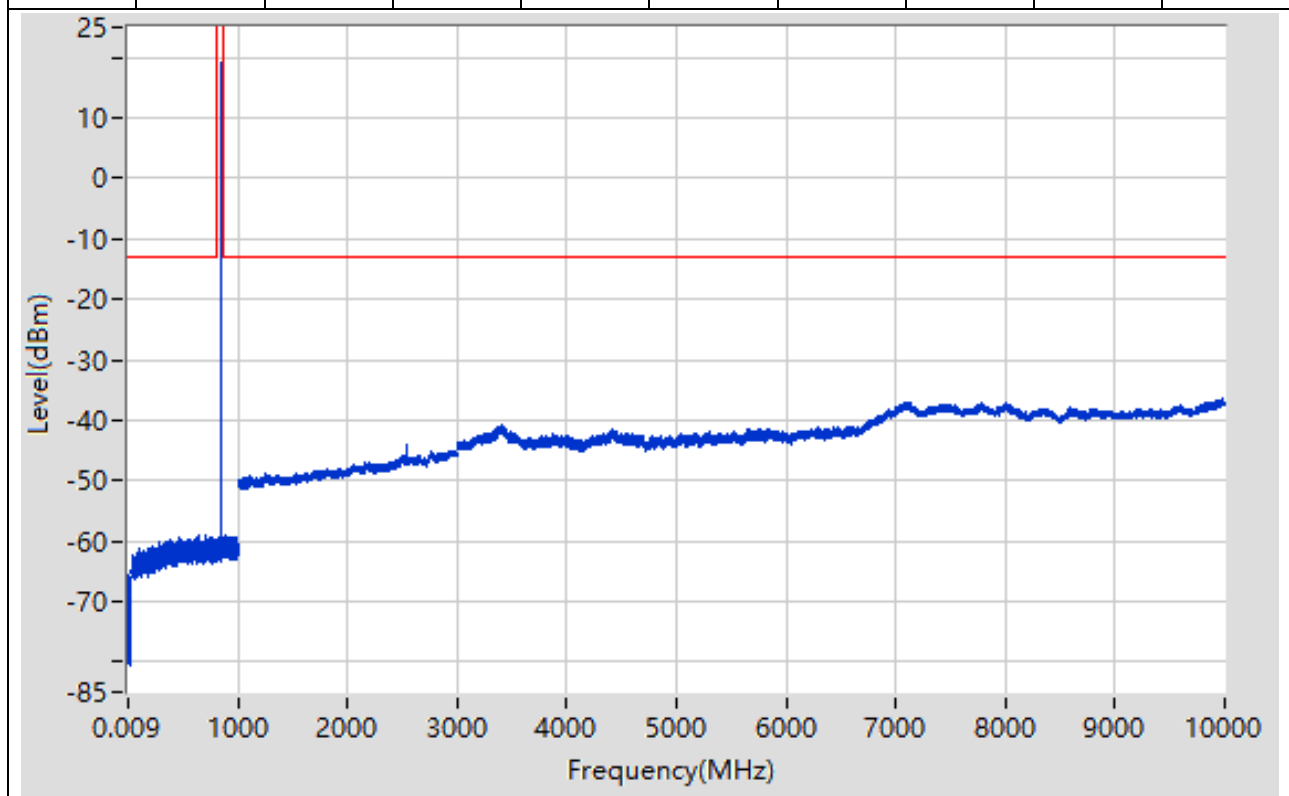
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-65.52	-13	52.52	Pass	401
0.15	30	0.01	RMS	2.54	-66.24	-13	53.24	Pass	2986
30	814	0.1	RMS	746.2	-59.29	-13	46.29	Pass	7841
814	859	0.1	RMS	836.4	18.83	60	41.17	Pass	451
859	1000	0.1	RMS	918.2	-58.72	-13	45.72	Pass	1411
1000	3000	1	RMS	2509	-43.81	-13	30.81	Pass	2001
3000	10000	1	RMS	9967	-36.8	-13	23.8	Pass	7001



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_High

### 16.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

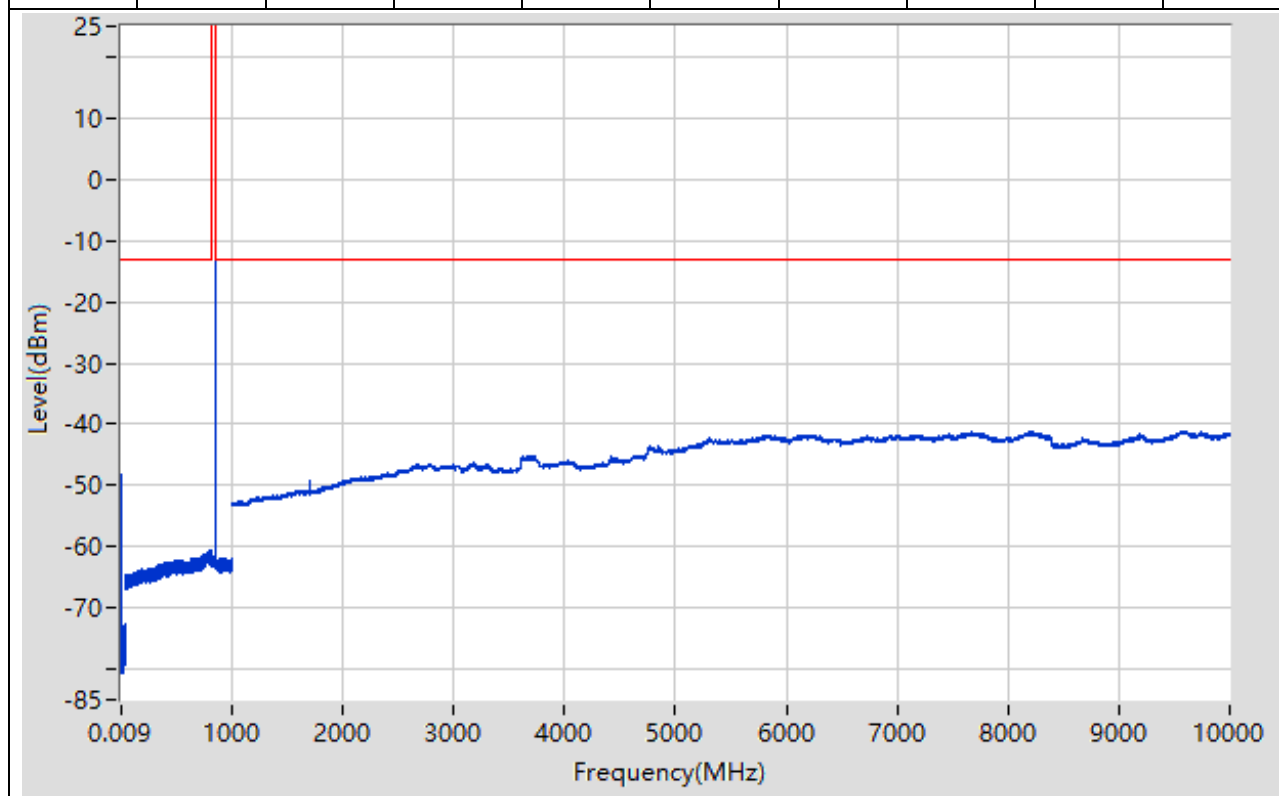
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-66.5	-13	53.5	Pass	401
0.15	30	0.01	RMS	0.75	-65.61	-13	52.61	Pass	2986
30	814	0.1	RMS	713.5	-59	-13	46	Pass	7841
814	859	0.1	RMS	848.8	19.21	60	40.79	Pass	451
859	1000	0.1	RMS	895.5	-58.99	-13	45.99	Pass	1411
1000	3000	1	RMS	2546	-44.13	-13	31.13	Pass	2001
3000	10000	1	RMS	9983	-36.57	-13	23.57	Pass	7001



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_High

### 16.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

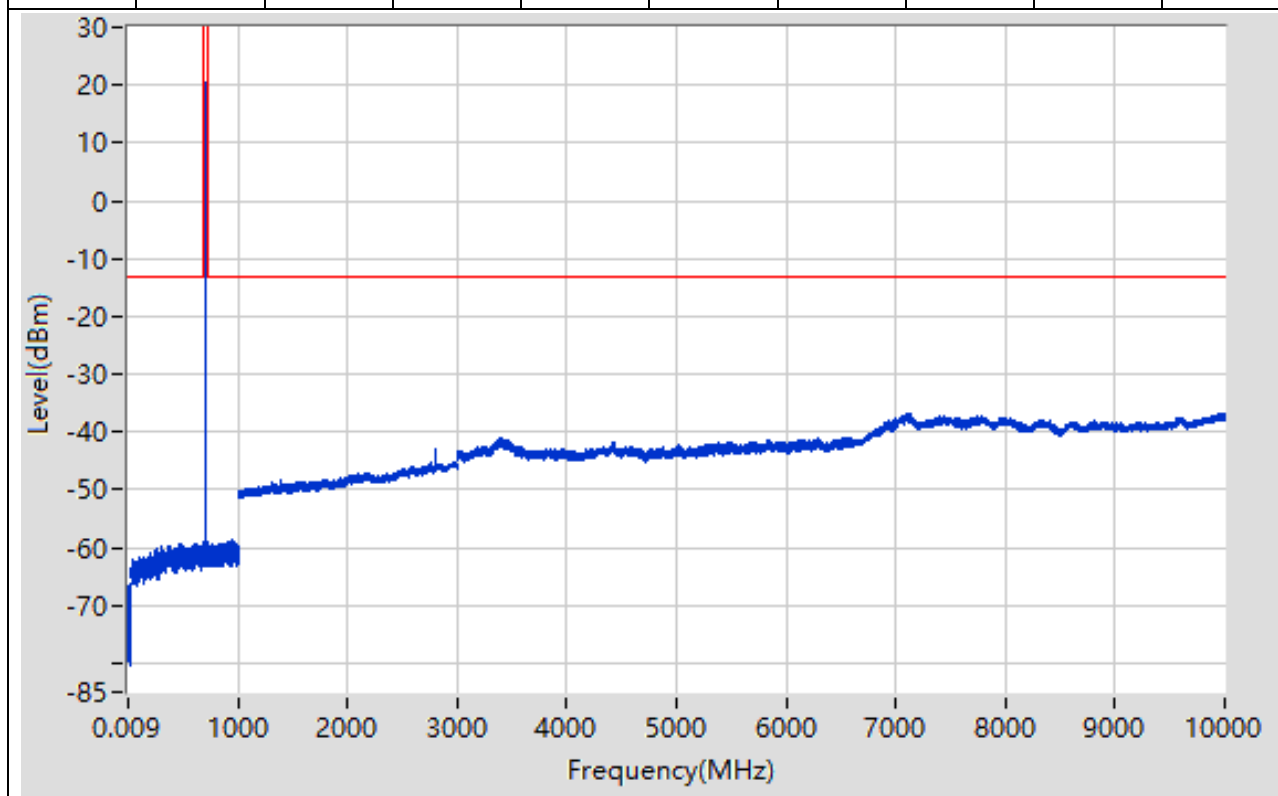
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.06	-13	35.06	Pass	401
0.15	30	0.01	RMS	0.15	-56.45	-13	43.45	Pass	2986
30	814	0.1	RMS	811.1	-60.46	-13	47.46	Pass	7841
814	859	0.1	RMS	848.8	18.17	60	41.83	Pass	451
859	1000	0.1	RMS	930.8	-61.93	-13	48.93	Pass	1411
1000	3000	1	RMS	2998	-46.51	-13	33.51	Pass	2001
3000	10000	1	RMS	9588	-41.08	-13	28.08	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_Low

### 17.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

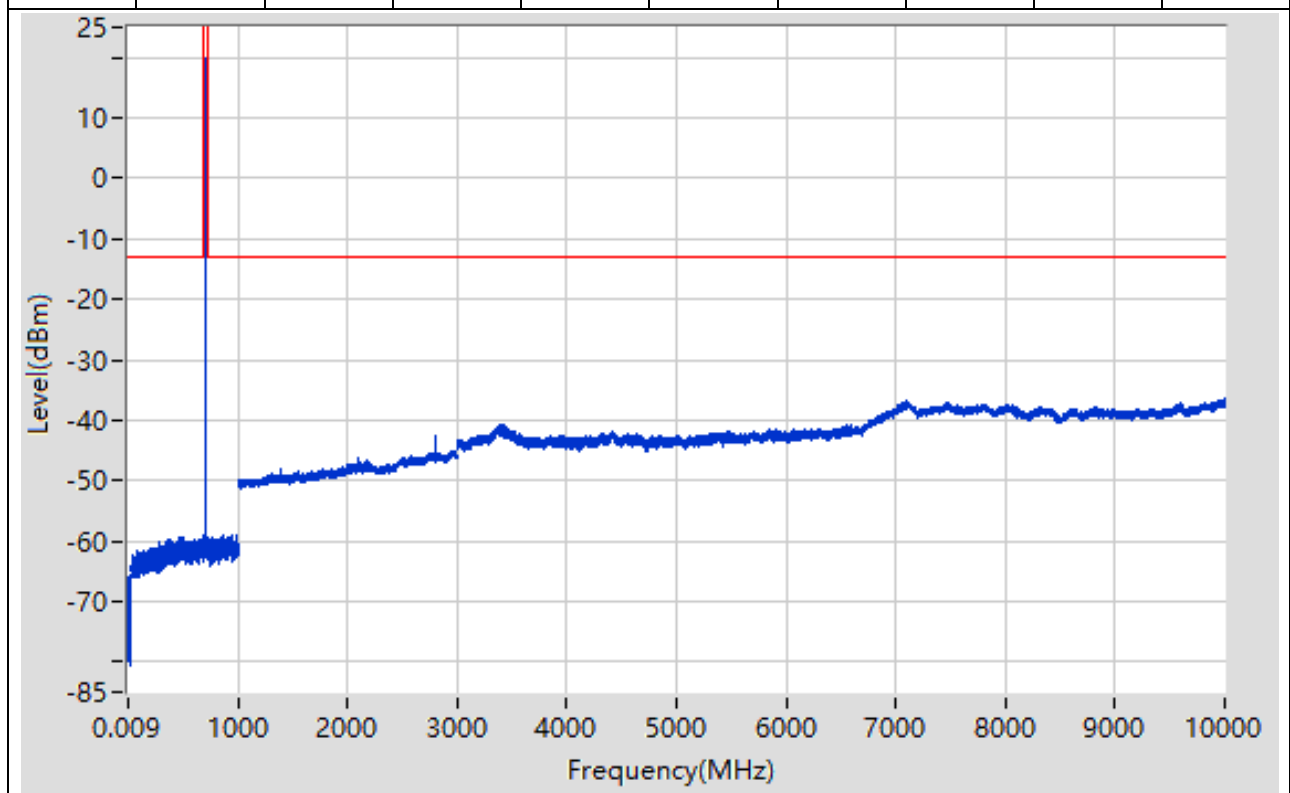
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.029	-66.73	-13	53.73	Pass	401
0.15	30	0.01	RMS	14.42	-66.1	-13	53.1	Pass	2986
30	689	0.1	RMS	483.8	-59.41	-13	46.41	Pass	6591
689	726	0.1	RMS	698.99	20.34	60	39.66	Pass	401
726	1000	0.1	RMS	949.2	-58.65	-13	45.65	Pass	2741
1000	3000	1	RMS	2796	-43.04	-13	30.04	Pass	2001
3000	10000	1	RMS	9988	-36.7	-13	23.7	Pass	7001



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_Low

### 17.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

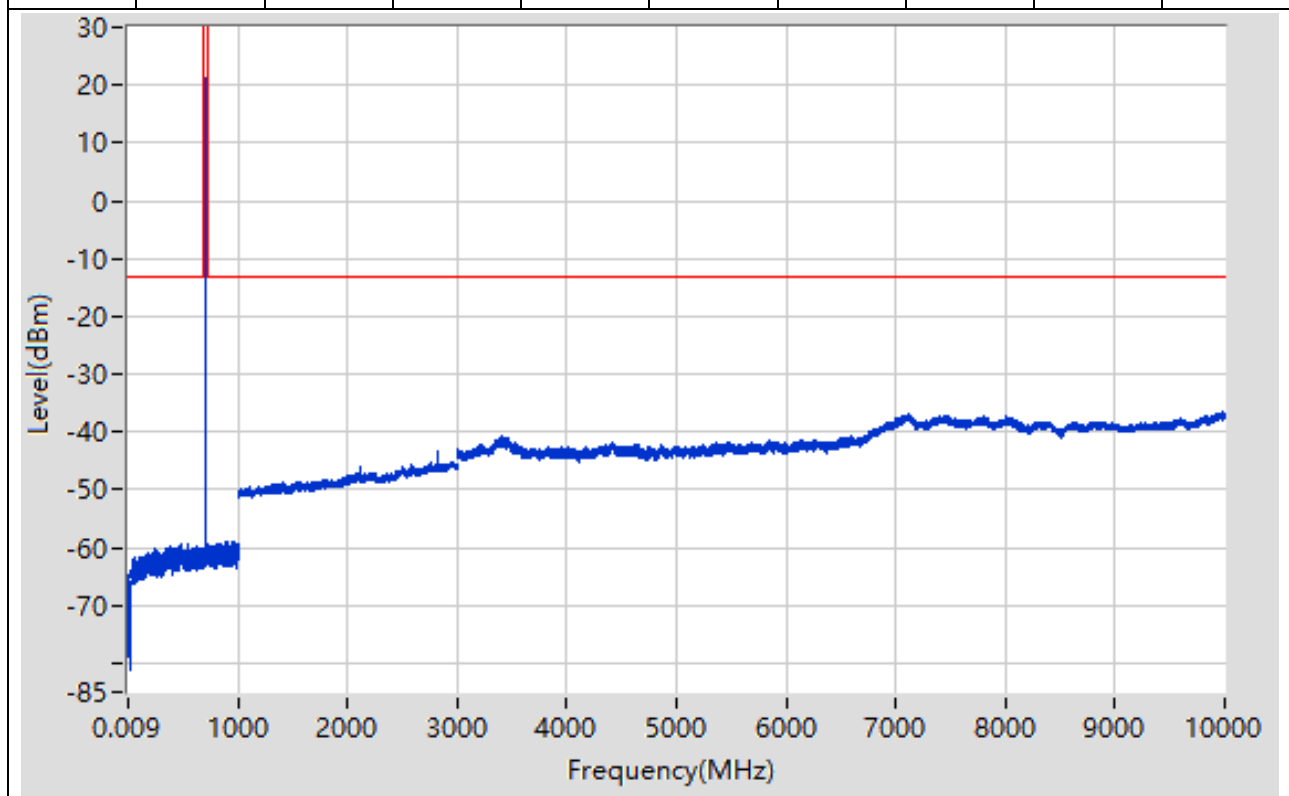
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.36	-13	53.36	Pass	401
0.15	30	0.01	RMS	26.23	-65.51	-13	52.51	Pass	2986
30	689	0.1	RMS	501.8	-59.47	-13	46.47	Pass	6591
689	726	0.1	RMS	698.99	19.88	60	40.12	Pass	401
726	1000	0.1	RMS	992.6	-59.02	-13	46.02	Pass	2741
1000	3000	1	RMS	2796	-42.78	-13	29.78	Pass	2001
3000	10000	1	RMS	9993	-36.51	-13	23.51	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_Mid

### 17.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-65.82	-13	52.82	Pass	401
0.15	30	0.01	RMS	0.18	-64.62	-13	51.62	Pass	2986
30	689	0.1	RMS	491.4	-59.33	-13	46.33	Pass	6591
689	726	0.1	RMS	707.408	21.13	60	38.87	Pass	401
726	1000	0.1	RMS	963.5	-58.86	-13	45.86	Pass	2741
1000	3000	1	RMS	2830	-43.35	-13	30.35	Pass	2001
3000	10000	1	RMS	9988	-36.65	-13	23.65	Pass	7001

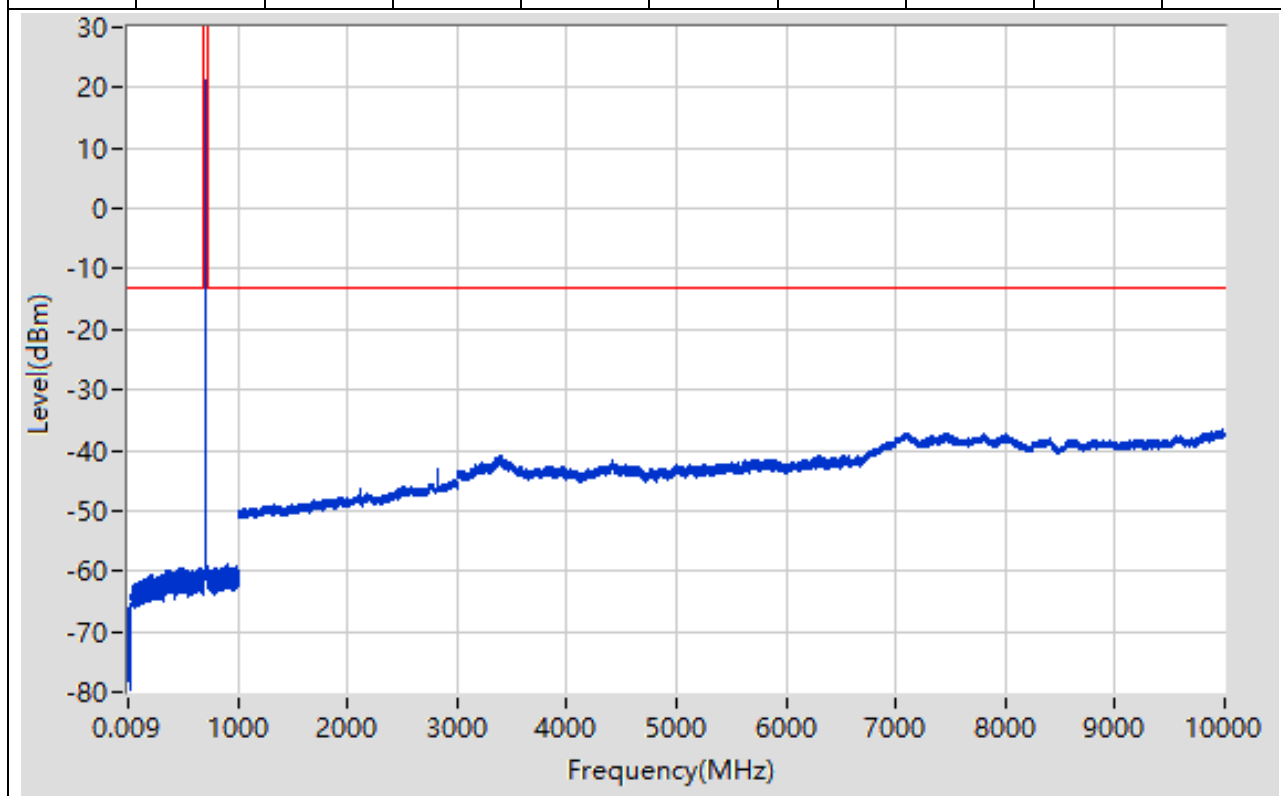




## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_Mid

### 17.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

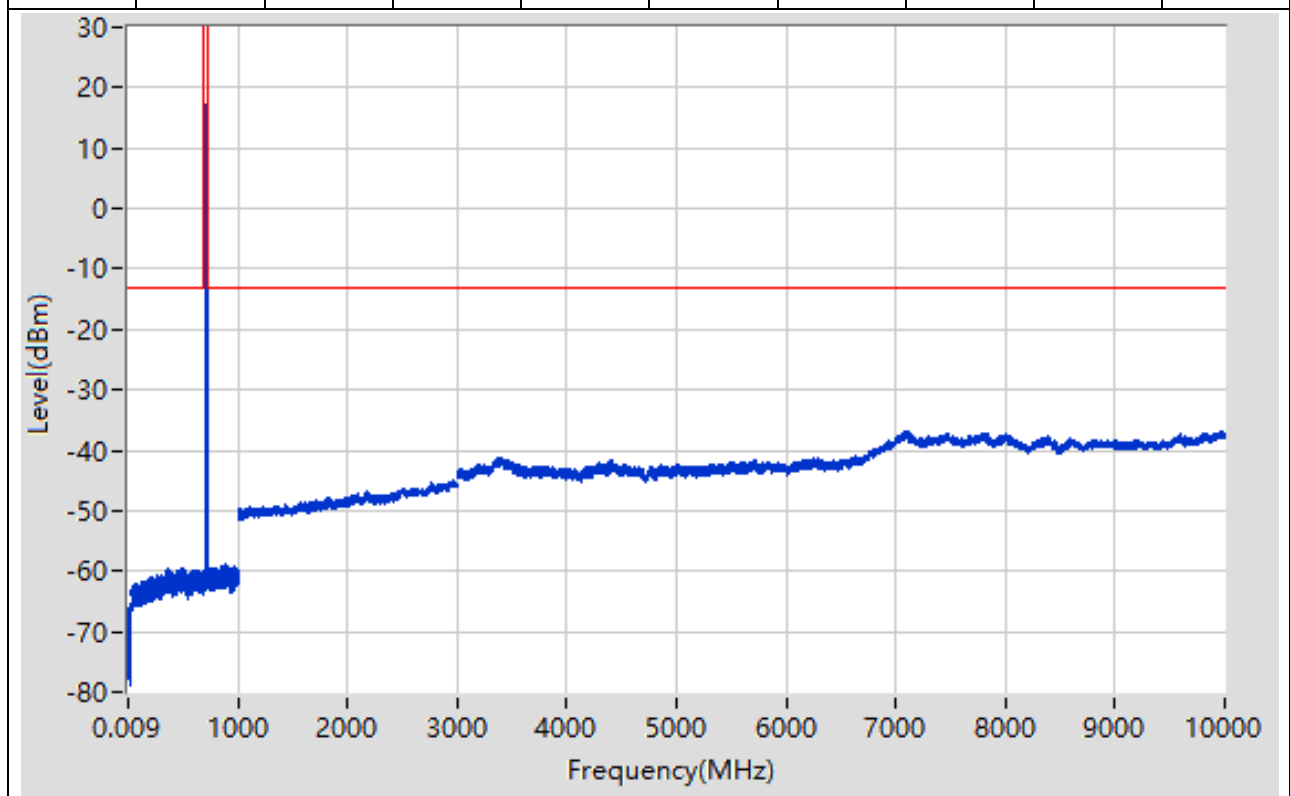
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-67.22	-13	54.22	Pass	401
0.15	30	0.01	RMS	14.1	-65.5	-13	52.5	Pass	2986
30	689	0.1	RMS	480.7	-59.38	-13	46.38	Pass	6591
689	726	0.1	RMS	707.408	21.19	60	38.81	Pass	401
726	1000	0.1	RMS	902.7	-58.95	-13	45.95	Pass	2741
1000	3000	1	RMS	2830	-43.18	-13	30.18	Pass	2001
3000	10000	1	RMS	9980	-36.64	-13	23.64	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_High

### 17.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

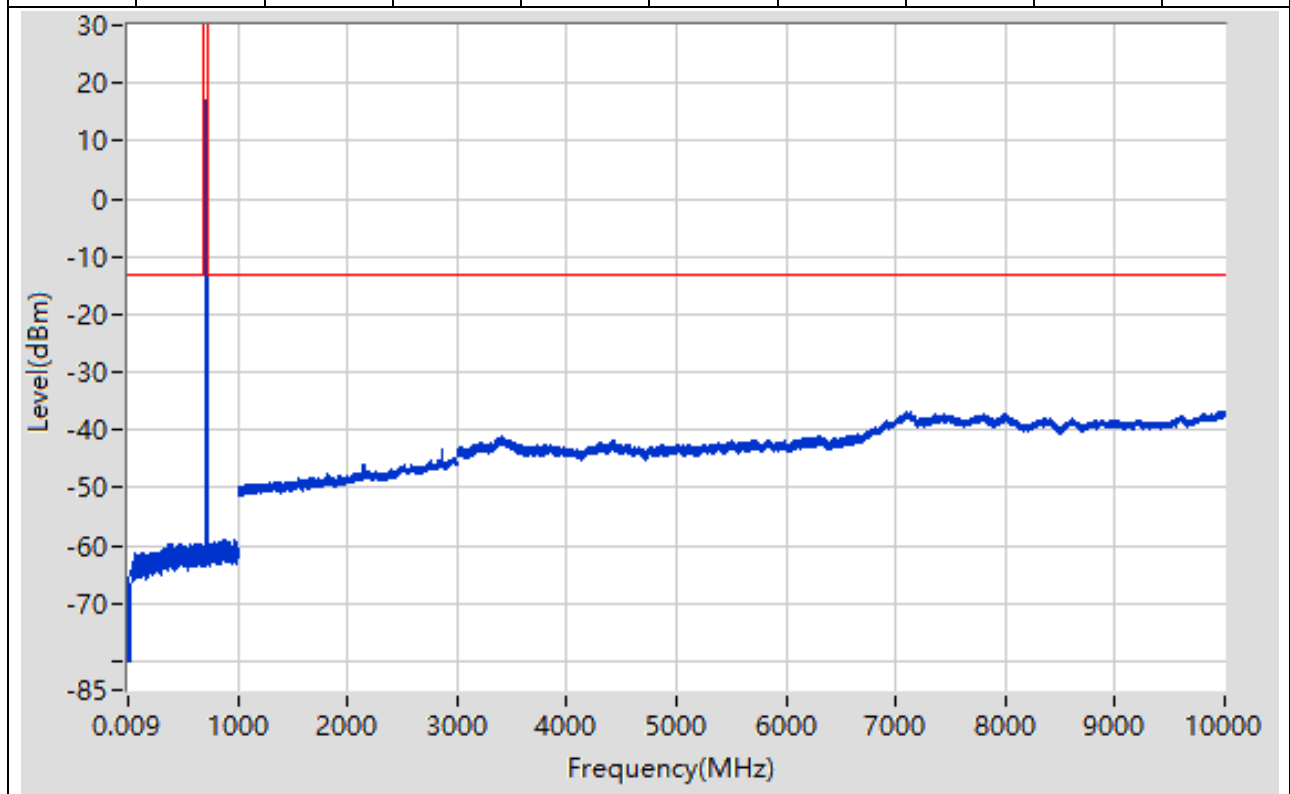
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-65.94	-13	52.94	Pass	401
0.15	30	0.01	RMS	15.3	-65.34	-13	52.34	Pass	2986
30	689	0.1	RMS	499.8	-59.37	-13	46.37	Pass	6591
689	726	0.1	RMS	715.825	21.21	60	38.79	Pass	401
726	1000	0.1	RMS	887.6	-58.87	-13	45.87	Pass	2741
1000	3000	1	RMS	2964	-44.74	-13	31.74	Pass	2001
3000	10000	1	RMS	7103	-36.87	-13	23.87	Pass	7001



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_High

### 17.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

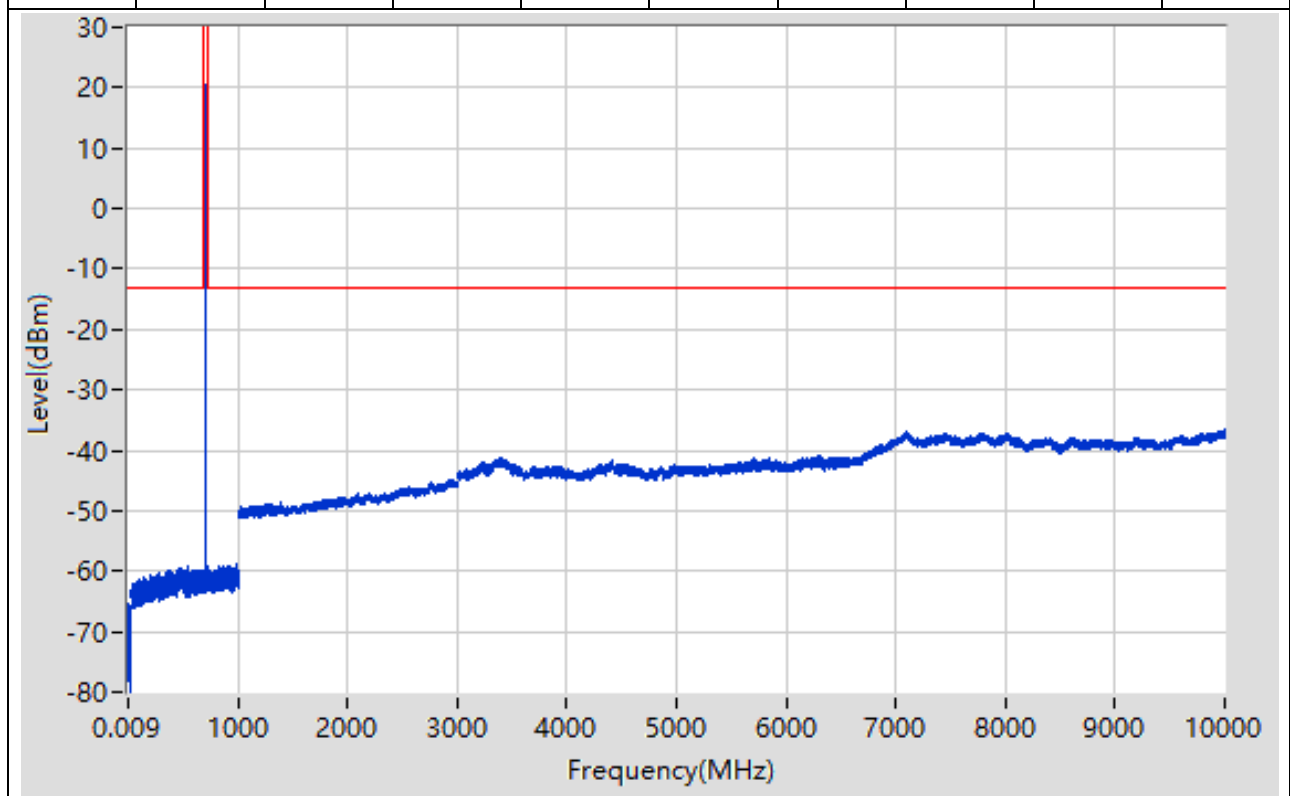
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-67.05	-13	54.05	Pass	401
0.15	30	0.01	RMS	5.35	-65.55	-13	52.55	Pass	2986
30	689	0.1	RMS	466	-59.72	-13	46.72	Pass	6591
689	726	0.1	RMS	715.825	21.27	60	38.73	Pass	401
726	1000	0.1	RMS	865.6	-59.11	-13	46.11	Pass	2741
1000	3000	1	RMS	2863	-43.34	-13	30.34	Pass	2001
3000	10000	1	RMS	9990	-36.95	-13	23.95	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_Low

### 17.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

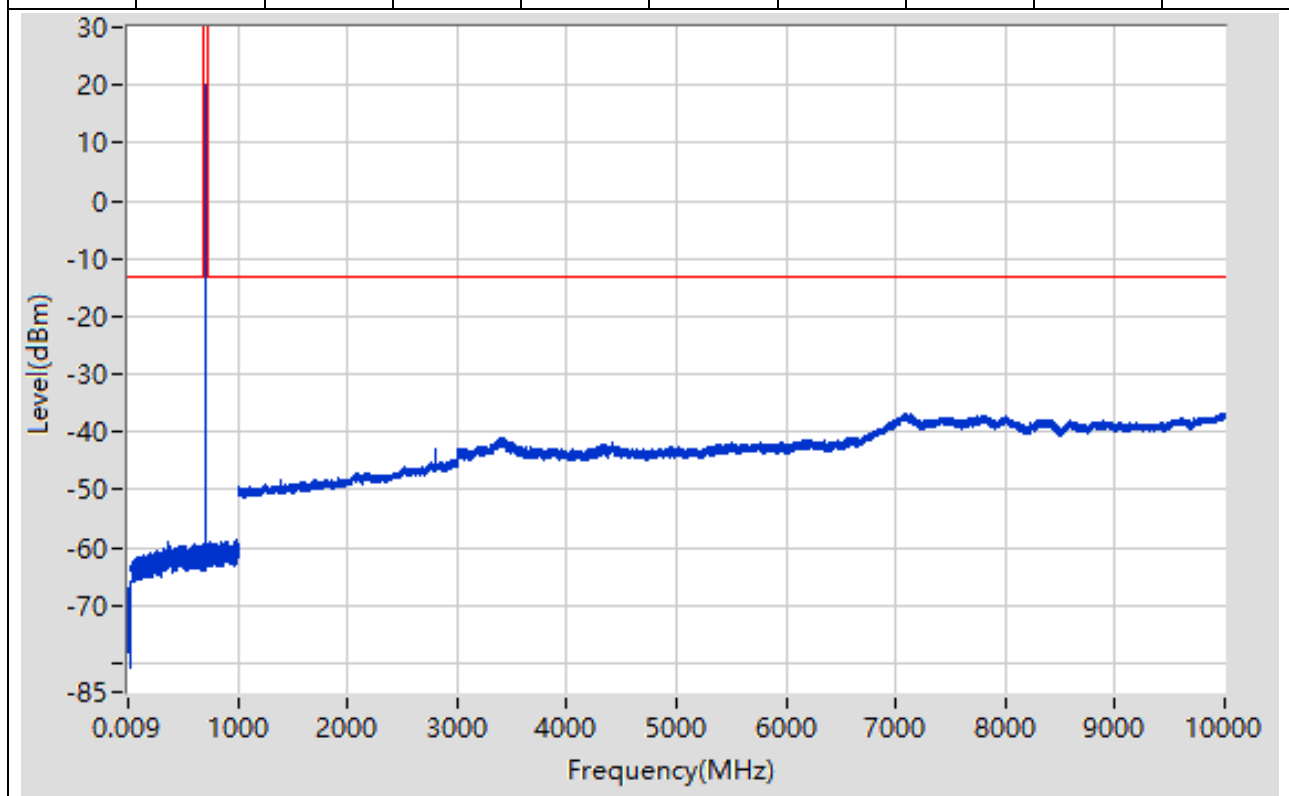
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.035	-67.14	-13	54.14	Pass	401
0.15	30	0.01	RMS	0.65	-65.37	-13	52.37	Pass	2986
30	689	0.1	RMS	536	-59.32	-13	46.32	Pass	6591
689	726	0.1	RMS	699.083	20.34	60	39.66	Pass	401
726	1000	0.1	RMS	984.8	-58.8	-13	45.8	Pass	2741
1000	3000	1	RMS	2948	-44.78	-13	31.78	Pass	2001
3000	10000	1	RMS	9994	-36.42	-13	23.42	Pass	7001



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_Low

### 17.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

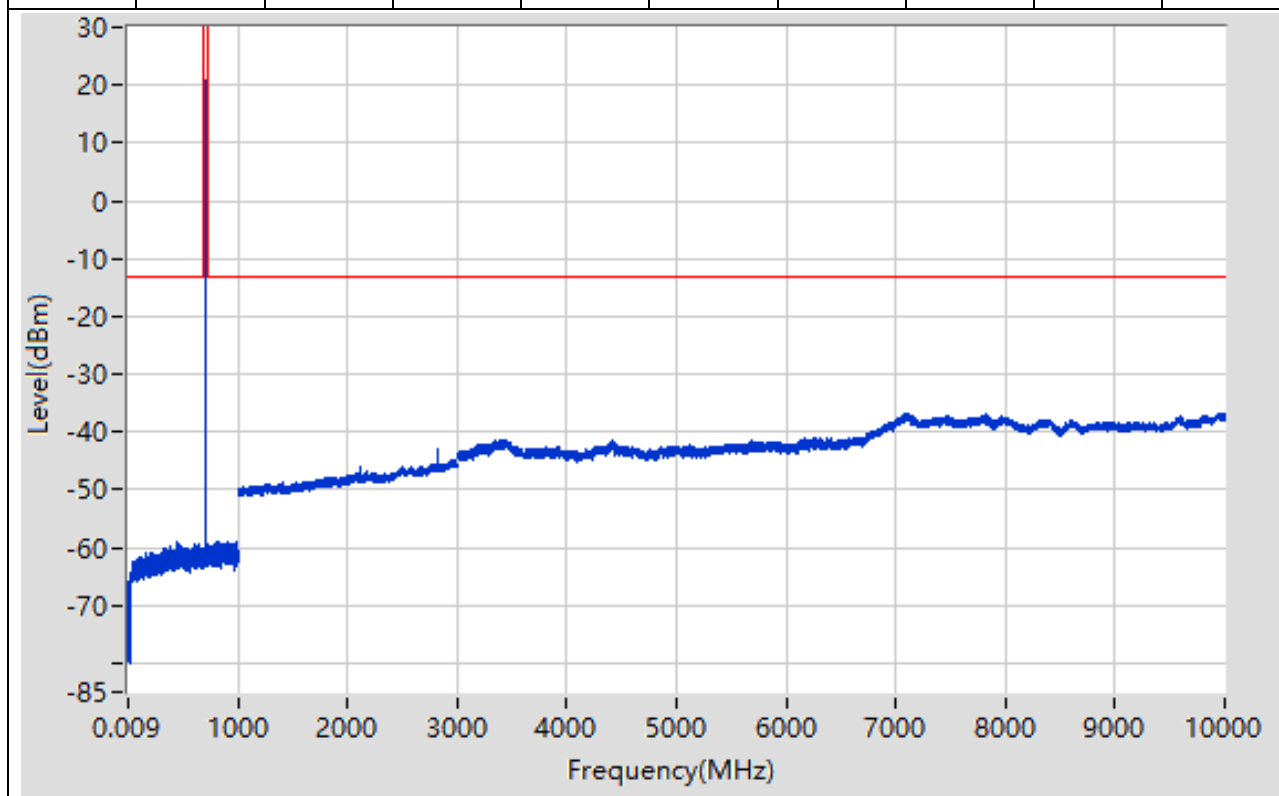
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-67.35	-13	54.35	Pass	401
0.15	30	0.01	RMS	27.82	-65.94	-13	52.94	Pass	2986
30	689	0.1	RMS	371.5	-59.1	-13	46.1	Pass	6591
689	726	0.1	RMS	699.083	20.22	60	39.78	Pass	401
726	1000	0.1	RMS	985.7	-58.51	-13	45.51	Pass	2741
1000	3000	1	RMS	2796	-42.84	-13	29.84	Pass	2001
3000	10000	1	RMS	9978	-36.68	-13	23.68	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_Mid

### 17.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

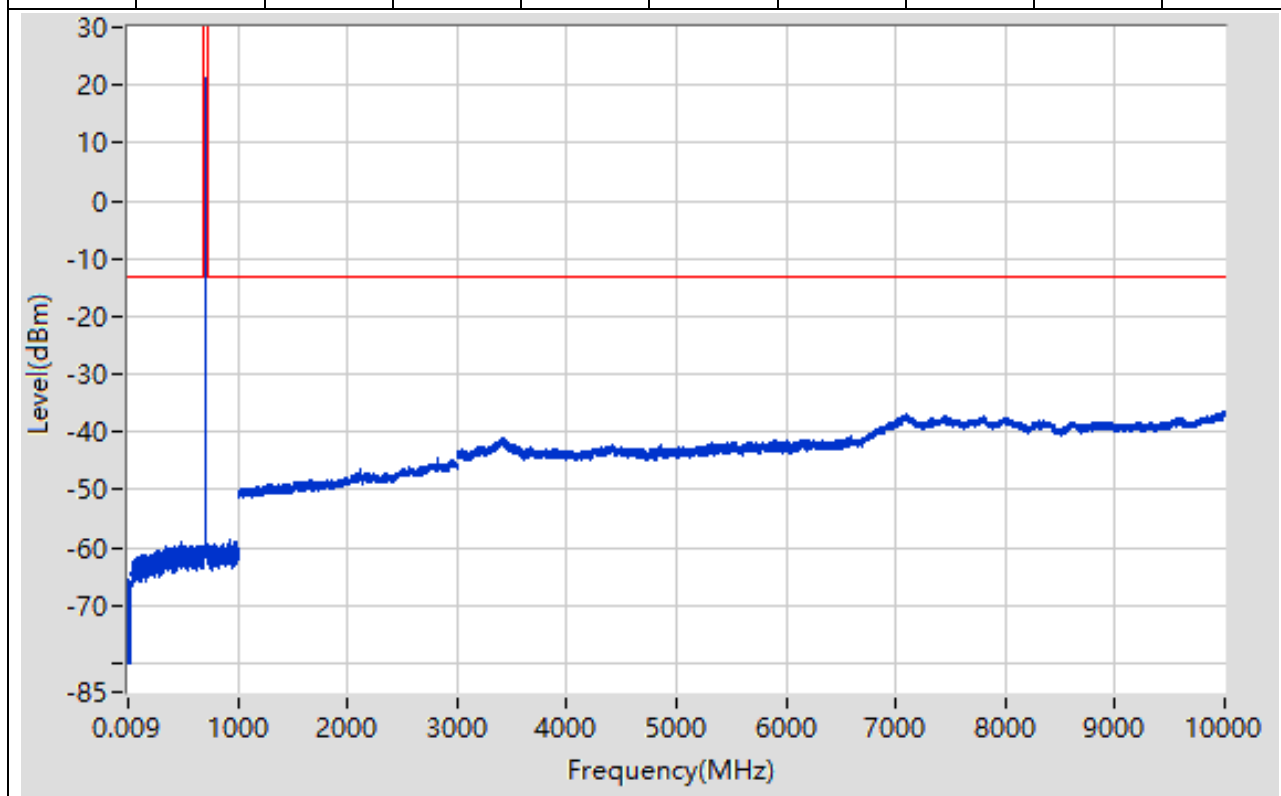
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-65.74	-13	52.74	Pass	401
0.15	30	0.01	RMS	24.9	-65.41	-13	52.41	Pass	2986
30	689	0.1	RMS	447.7	-58.99	-13	45.99	Pass	6591
689	726	0.1	RMS	707.408	21.01	60	38.99	Pass	401
726	1000	0.1	RMS	828.3	-58.9	-13	45.9	Pass	2741
1000	3000	1	RMS	2830	-42.81	-13	29.81	Pass	2001
3000	10000	1	RMS	7102	-36.7	-13	23.7	Pass	7001



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_Mid

### 17.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

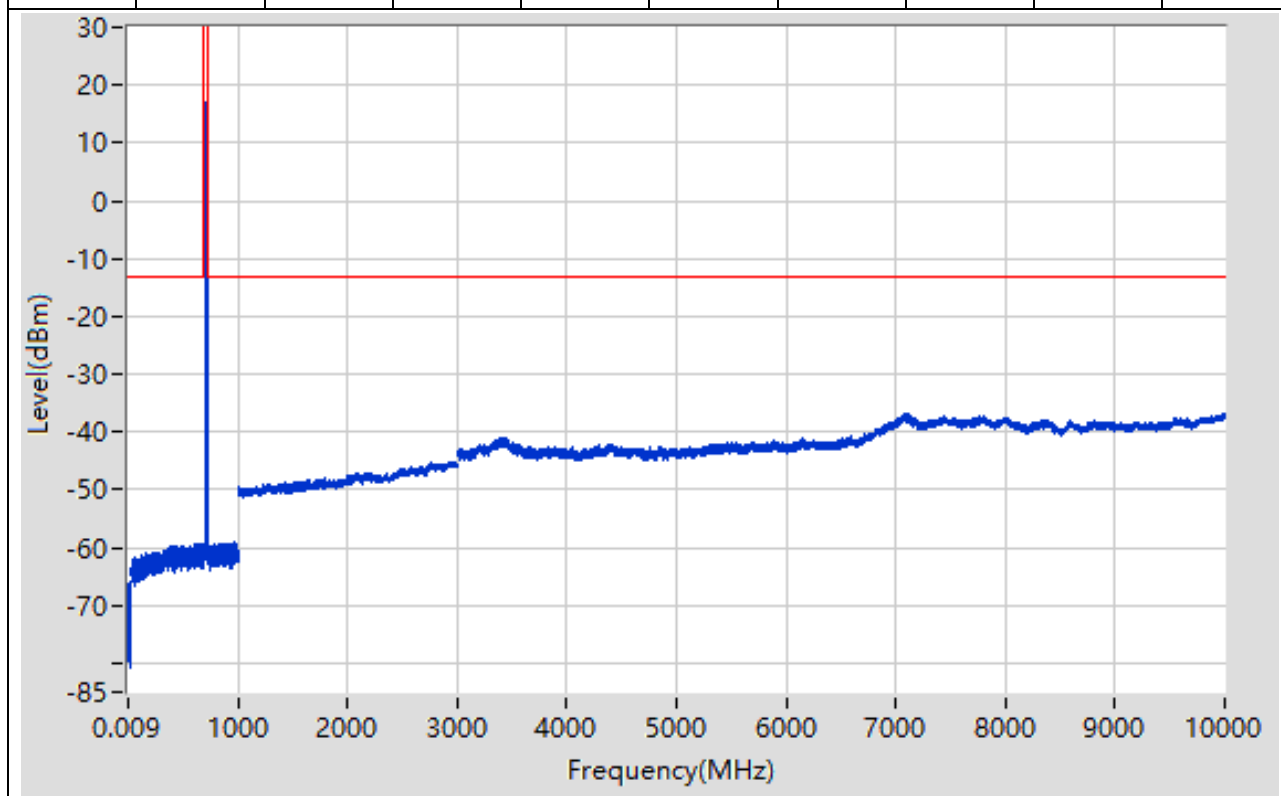
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.03	-67.45	-13	54.45	Pass	401
0.15	30	0.01	RMS	0.79	-65.38	-13	52.38	Pass	2986
30	689	0.1	RMS	490.3	-58.96	-13	45.96	Pass	6591
689	726	0.1	RMS	707.408	21.03	60	38.97	Pass	401
726	1000	0.1	RMS	921.4	-58.75	-13	45.75	Pass	2741
1000	3000	1	RMS	2830	-44.61	-13	31.61	Pass	2001
3000	10000	1	RMS	9986	-36.53	-13	23.53	Pass	7001



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_High

### 17.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-67.15	-13	54.15	Pass	401
0.15	30	0.01	RMS	24.35	-65.82	-13	52.82	Pass	2986
30	689	0.1	RMS	626.2	-59.47	-13	46.47	Pass	6591
689	726	0.1	RMS	715.825	21.63	60	38.37	Pass	401
726	1000	0.1	RMS	970	-59.18	-13	46.18	Pass	2741
1000	3000	1	RMS	2922	-45.3	-13	32.3	Pass	2001
3000	10000	1	RMS	9998	-36.71	-13	23.71	Pass	7001

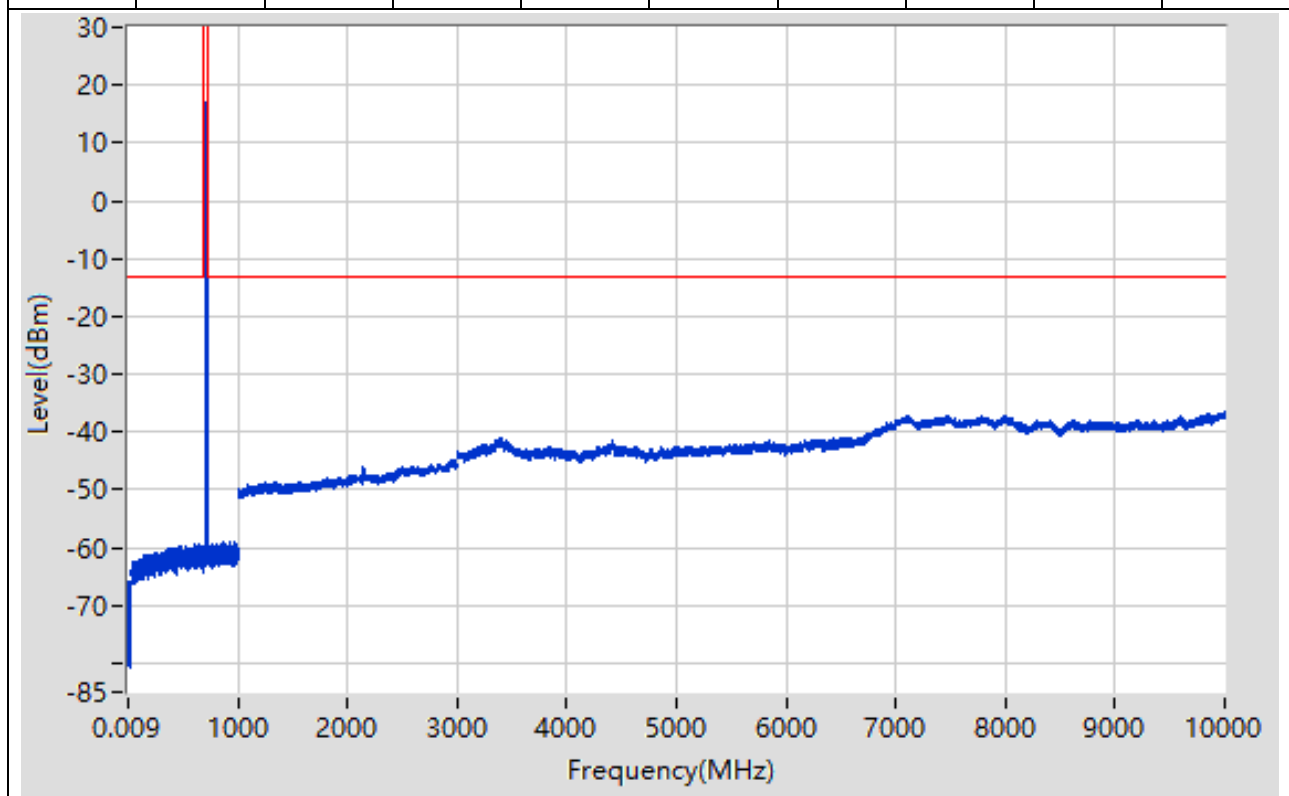




## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_High

### 17.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

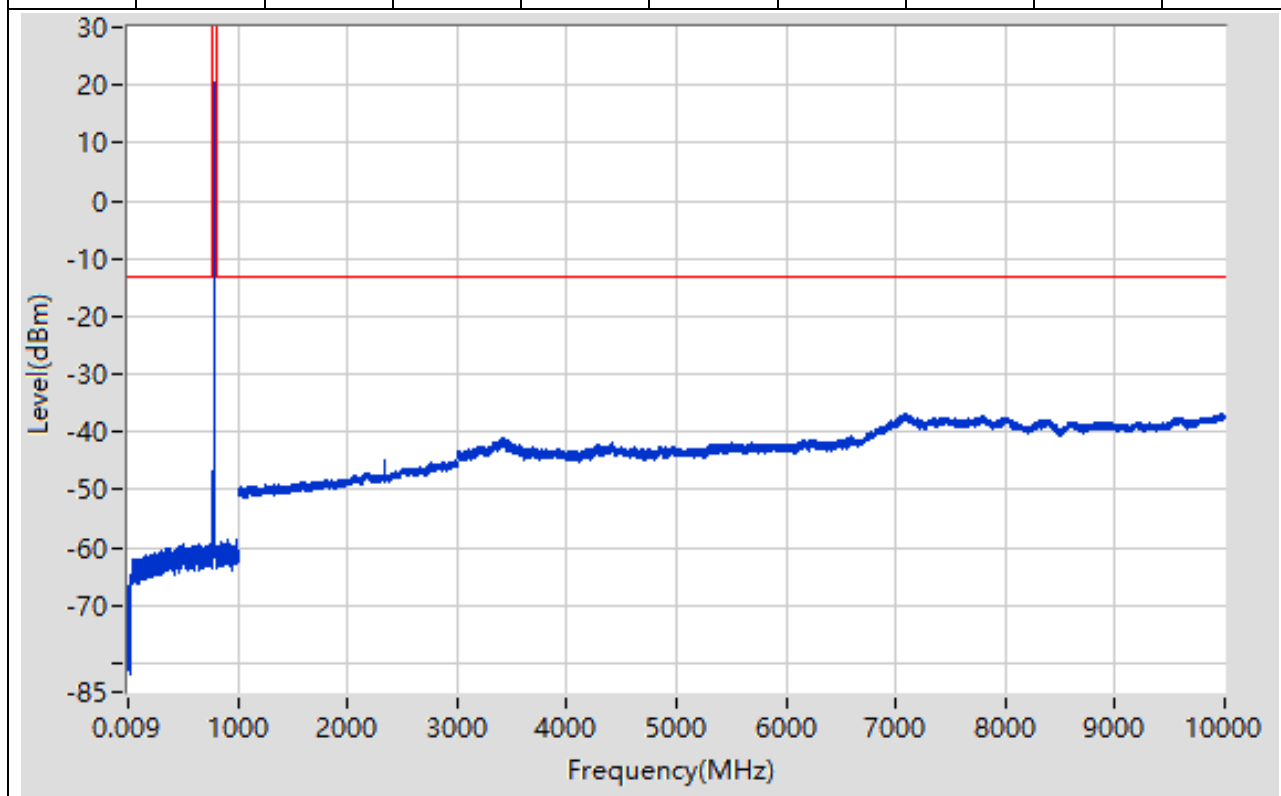
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-67.05	-13	54.05	Pass	401
0.15	30	0.01	RMS	0.74	-65.73	-13	52.73	Pass	2986
30	689	0.1	RMS	644.2	-59.43	-13	46.43	Pass	6591
689	726	0.1	RMS	715.825	21.55	60	38.45	Pass	401
726	1000	0.1	RMS	859.3	-59.02	-13	46.02	Pass	2741
1000	3000	1	RMS	2965	-44.86	-13	31.86	Pass	2001
3000	10000	1	RMS	9997	-36.58	-13	23.58	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Low

### 18.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

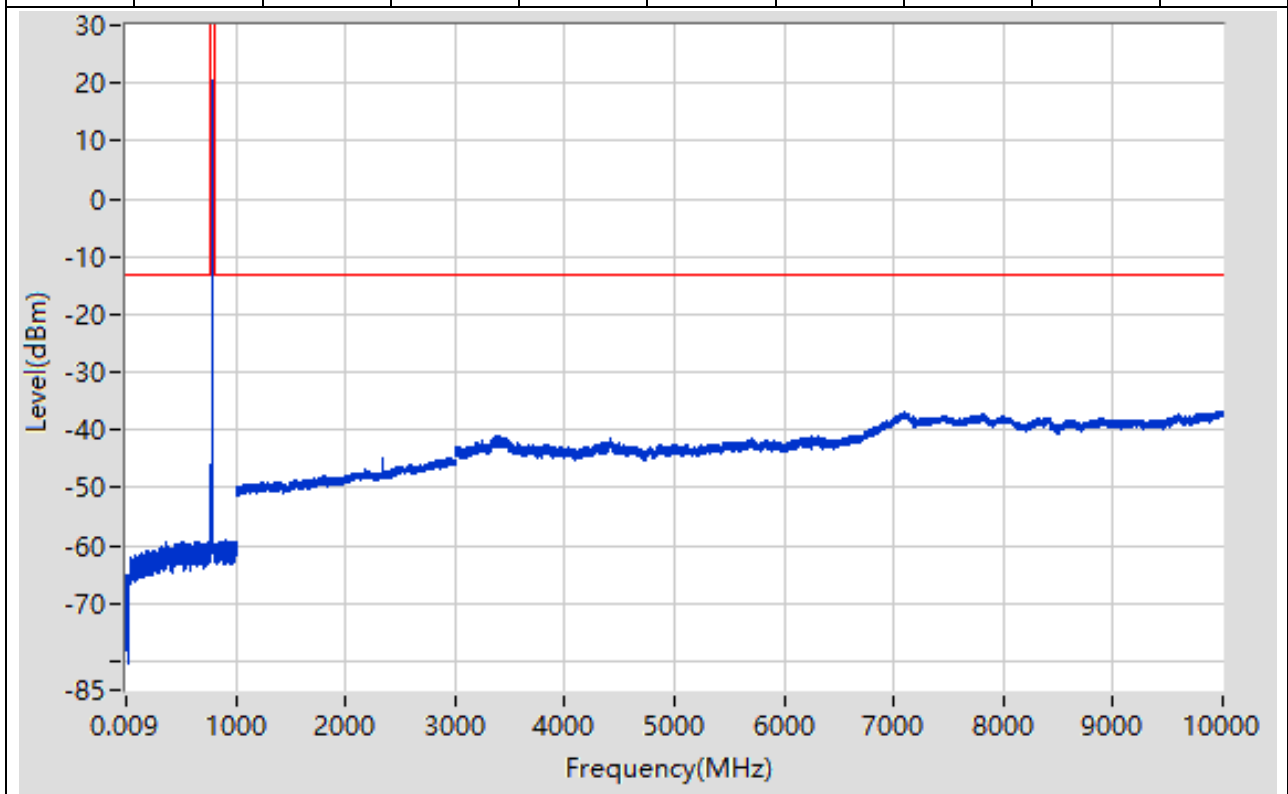
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-66.64	-13	53.64	Pass	401
0.15	30	0.01	RMS	26.03	-65.74	-13	52.74	Pass	2986
30	767	0.1	RMS	497.2	-59.46	-13	46.46	Pass	7371
767	797	0.1	RMS	777.05	20.4	60	39.6	Pass	401
797	1000	0.1	RMS	910.3	-58.51	-13	45.51	Pass	2031
1000	3000	1	RMS	2977	-44.79	-13	31.79	Pass	2001
3000	10000	1	RMS	9981	-36.76	-13	23.76	Pass	7001



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Low

### 18.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

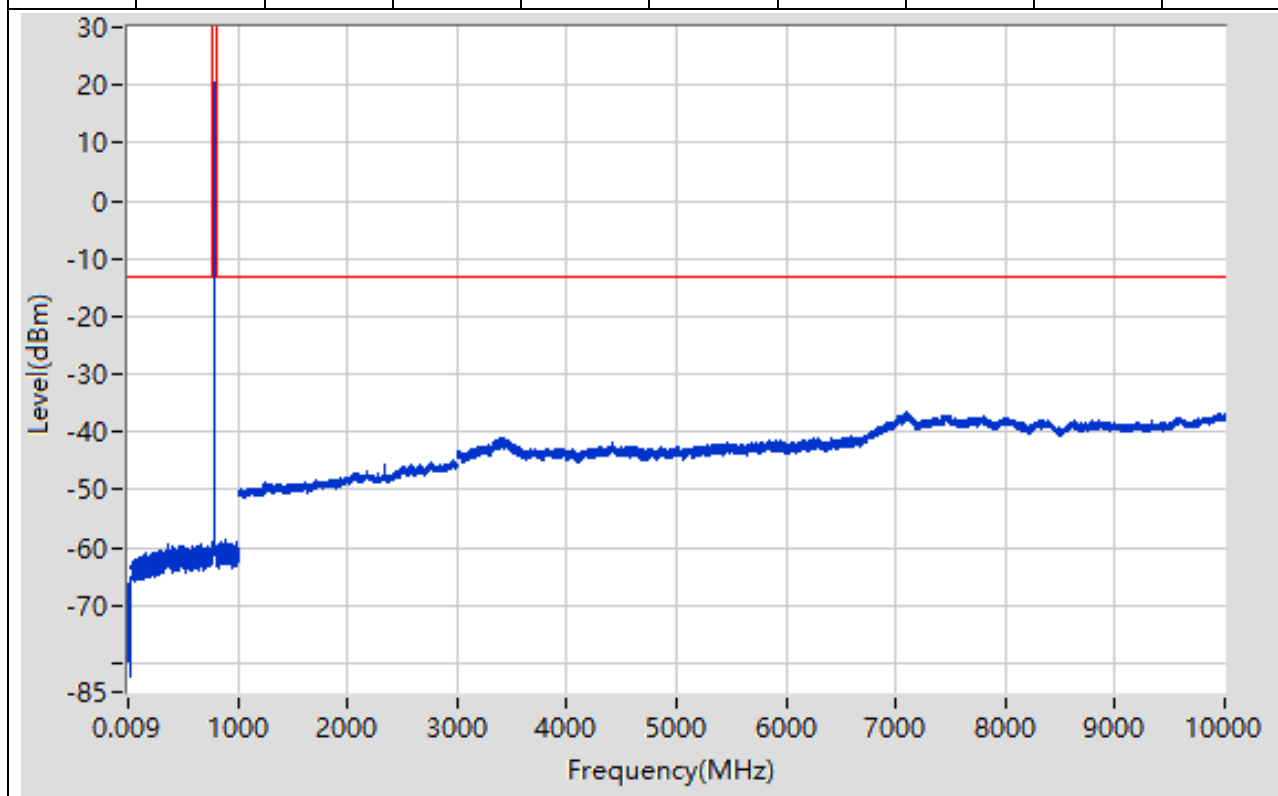
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-65.43	-13	52.43	Pass	401
0.15	30	0.01	RMS	1.64	-65.28	-13	52.28	Pass	2986
30	767	0.1	RMS	766.5	-59.17	-13	46.17	Pass	7371
767	797	0.1	RMS	777.05	20.37	60	39.63	Pass	401
797	1000	0.1	RMS	916.6	-59.18	-13	46.18	Pass	2031
1000	3000	1	RMS	2331	-44.72	-13	31.72	Pass	2001
3000	10000	1	RMS	7100	-36.75	-13	23.75	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Mid

### 18.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

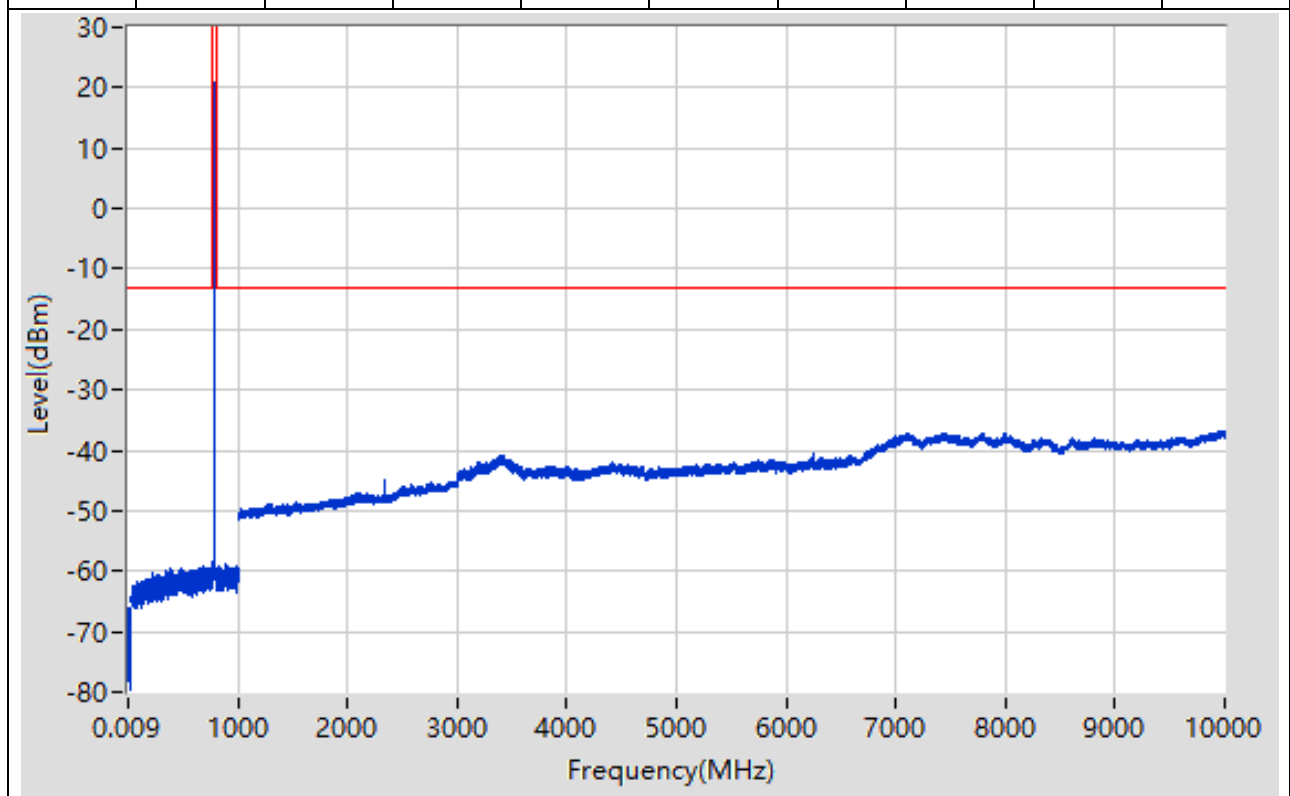
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.016	-66.36	-13	53.36	Pass	401
0.15	30	0.01	RMS	29.53	-65.21	-13	52.21	Pass	2986
30	767	0.1	RMS	663.1	-59.34	-13	46.34	Pass	7371
767	797	0.1	RMS	781.925	20.41	60	39.59	Pass	401
797	1000	0.1	RMS	887.6	-58.77	-13	45.77	Pass	2031
1000	3000	1	RMS	2960	-44.9	-13	31.9	Pass	2001
3000	10000	1	RMS	7092	-36.64	-13	23.64	Pass	7001



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Mid

### 18.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

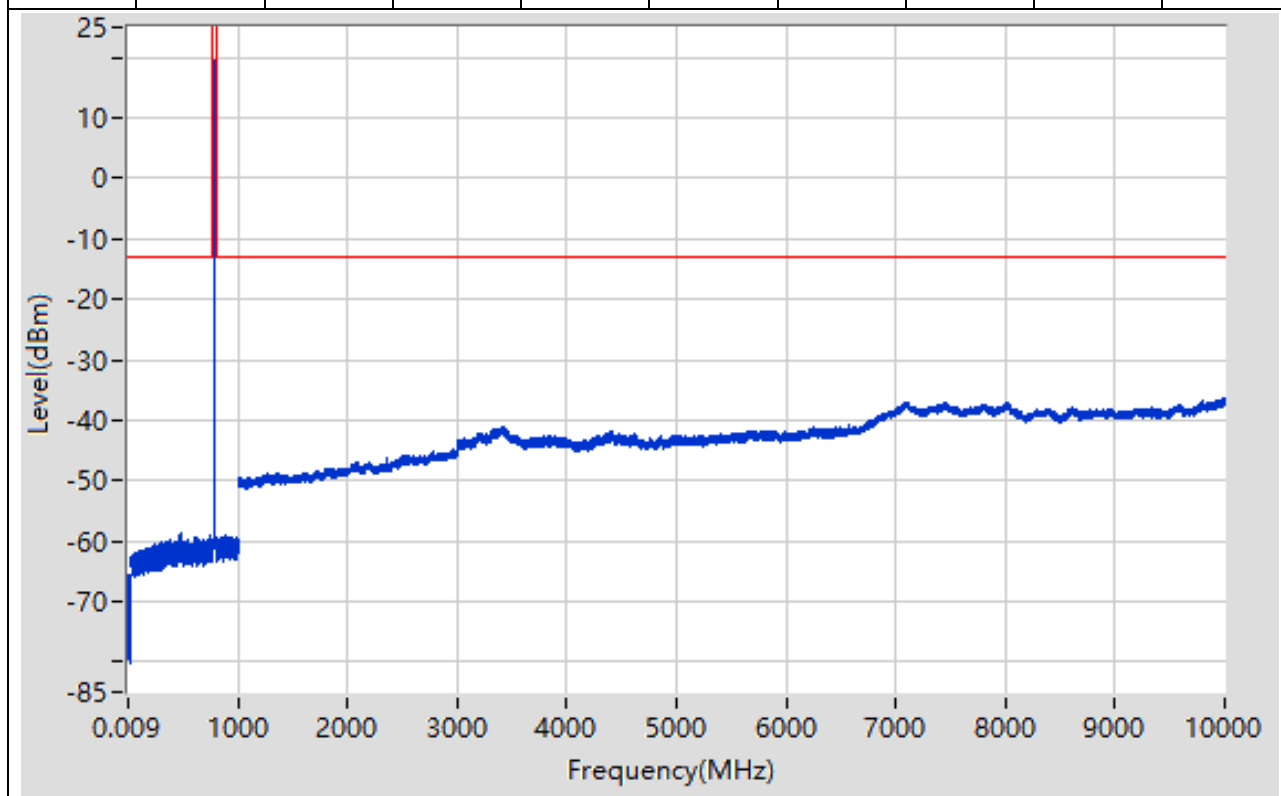
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.08	-13	53.08	Pass	401
0.15	30	0.01	RMS	13.59	-66.13	-13	53.13	Pass	2986
30	767	0.1	RMS	679.5	-59.34	-13	46.34	Pass	7371
767	797	0.1	RMS	781.925	20.8	60	39.2	Pass	401
797	1000	0.1	RMS	894.7	-58.92	-13	45.92	Pass	2031
1000	3000	1	RMS	2346	-44.74	-13	31.74	Pass	2001
3000	10000	1	RMS	9966	-36.8	-13	23.8	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_High

### 18.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

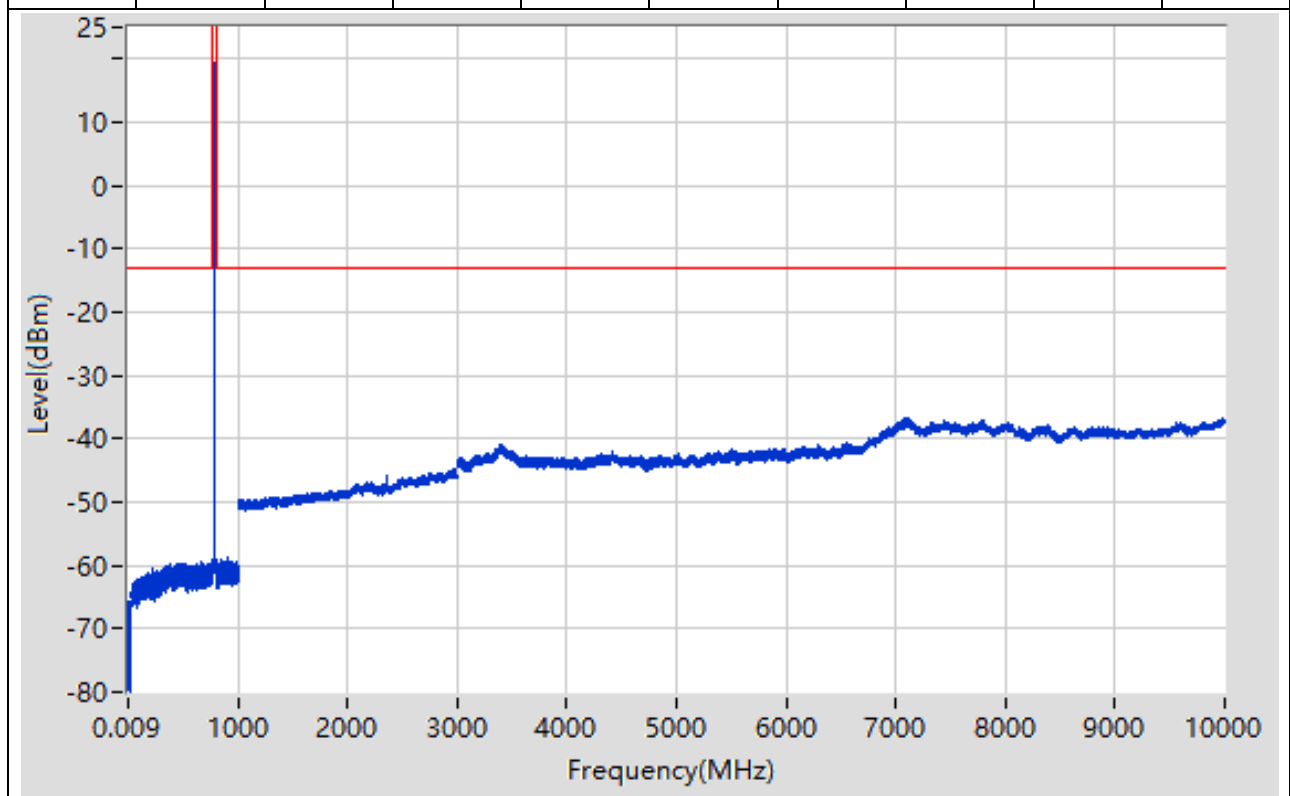
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-66.57	-13	53.57	Pass	401
0.15	30	0.01	RMS	7.58	-65.53	-13	52.53	Pass	2986
30	767	0.1	RMS	477.8	-58.82	-13	45.82	Pass	7371
767	797	0.1	RMS	786.8	19.6	60	40.4	Pass	401
797	1000	0.1	RMS	884.3	-58.98	-13	45.98	Pass	2031
1000	3000	1	RMS	2965	-44.91	-13	31.91	Pass	2001
3000	10000	1	RMS	9997	-36.45	-13	23.45	Pass	7001



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_High

### 18.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

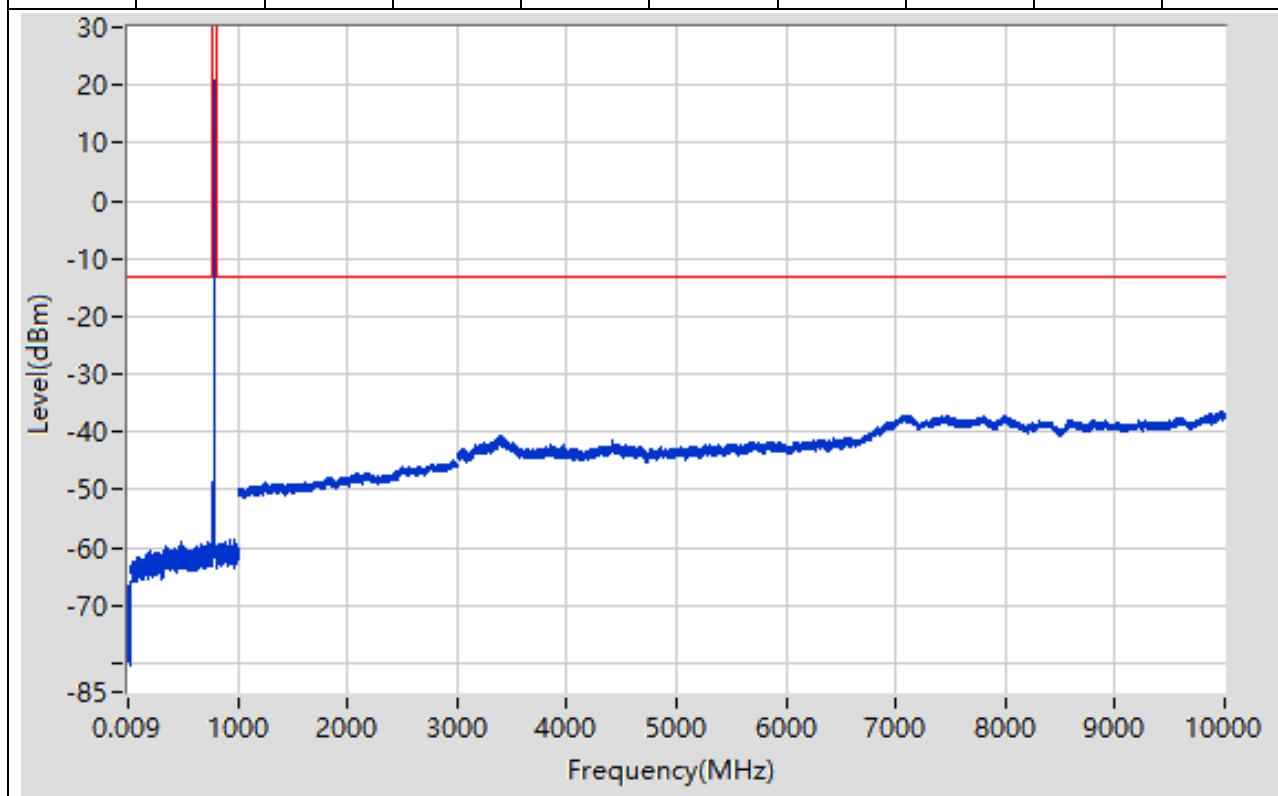
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.015	-65.8	-13	52.8	Pass	401
0.15	30	0.01	RMS	21.54	-65.8	-13	52.8	Pass	2986
30	767	0.1	RMS	762.7	-59.54	-13	46.54	Pass	7371
767	797	0.1	RMS	786.8	19.57	60	40.43	Pass	401
797	1000	0.1	RMS	903.9	-58.79	-13	45.79	Pass	2031
1000	3000	1	RMS	2960	-44.92	-13	31.92	Pass	2001
3000	10000	1	RMS	7107	-36.81	-13	23.81	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Low

### 18.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.034	-67.42	-13	54.42	Pass	401
0.15	30	0.01	RMS	24.36	-65.8	-13	52.8	Pass	2986
30	767	0.1	RMS	728.7	-59.01	-13	46.01	Pass	7371
767	797	0.1	RMS	777.05	20.72	60	39.28	Pass	401
797	1000	0.1	RMS	937.3	-58.77	-13	45.77	Pass	2031
1000	3000	1	RMS	2959	-45	-13	32	Pass	2001
3000	10000	1	RMS	9982	-36.44	-13	23.44	Pass	7001

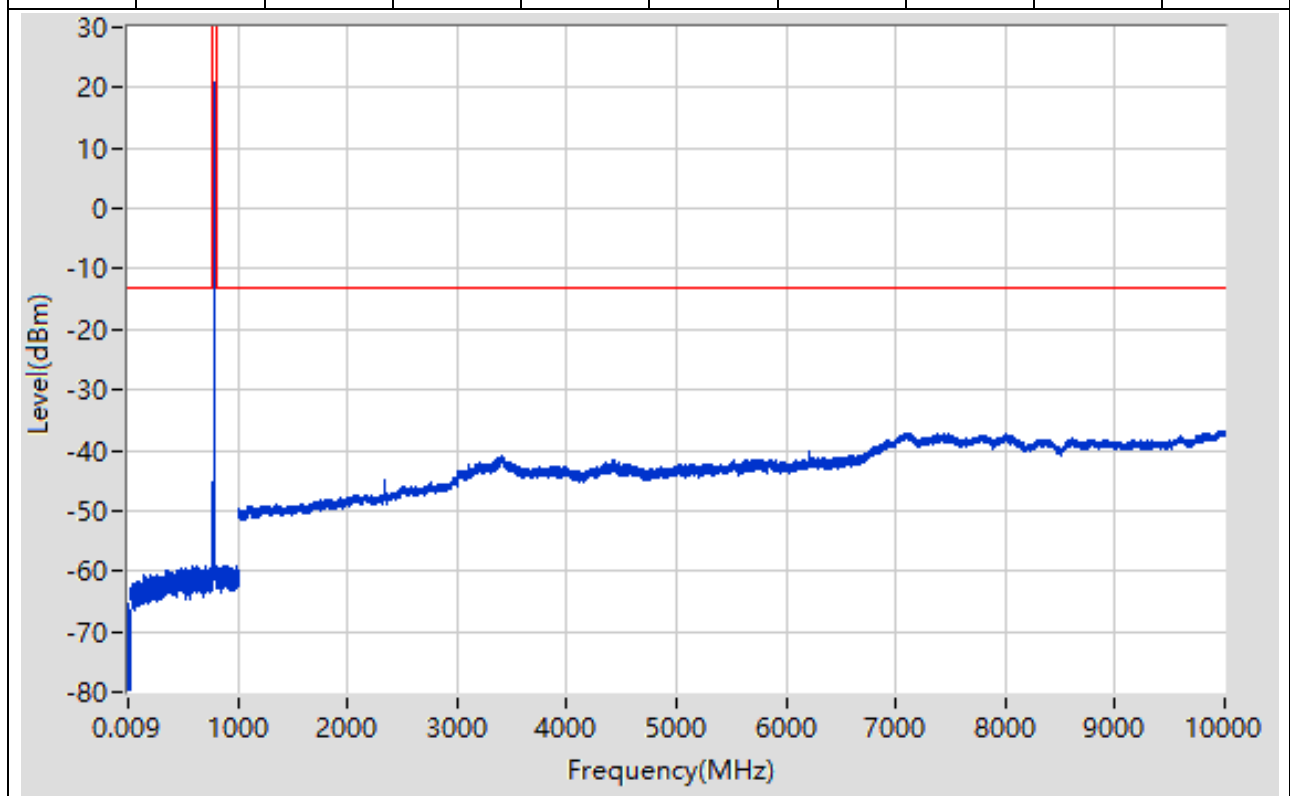




## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Low

### 18.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

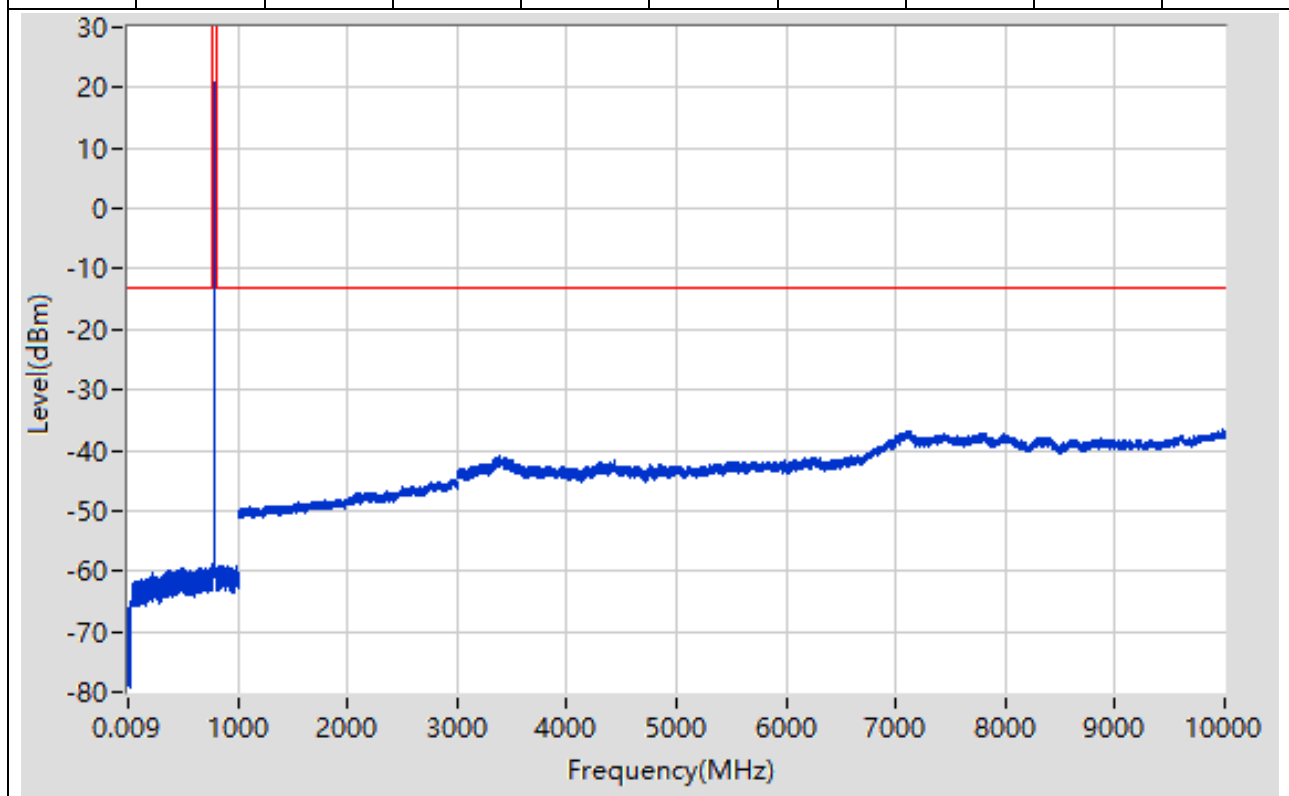
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.24	-13	53.24	Pass	401
0.15	30	0.01	RMS	1.59	-65.26	-13	52.26	Pass	2986
30	767	0.1	RMS	710.6	-59.22	-13	46.22	Pass	7371
767	797	0.1	RMS	777.05	20.68	60	39.32	Pass	401
797	1000	0.1	RMS	990.8	-59.05	-13	46.05	Pass	2031
1000	3000	1	RMS	2979	-44.66	-13	31.66	Pass	2001
3000	10000	1	RMS	9969	-36.79	-13	23.79	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Mid

### 18.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

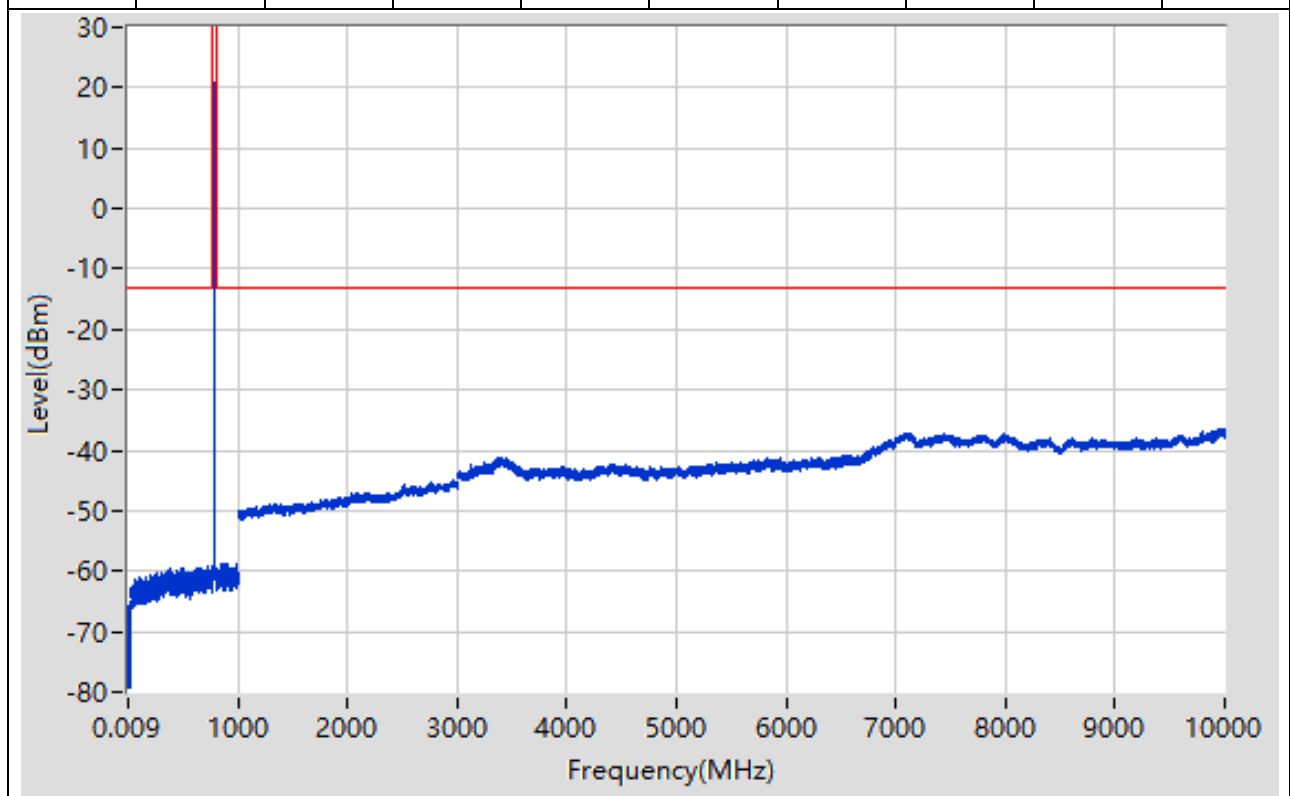
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.78	-13	53.78	Pass	401
0.15	30	0.01	RMS	11.36	-65.64	-13	52.64	Pass	2986
30	767	0.1	RMS	738.5	-59.38	-13	46.38	Pass	7371
767	797	0.1	RMS	781.925	20.8	60	39.2	Pass	401
797	1000	0.1	RMS	874.2	-59.01	-13	46.01	Pass	2031
1000	3000	1	RMS	2974	-44.86	-13	31.86	Pass	2001
3000	10000	1	RMS	9987	-36.67	-13	23.67	Pass	7001



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Mid

### 18.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

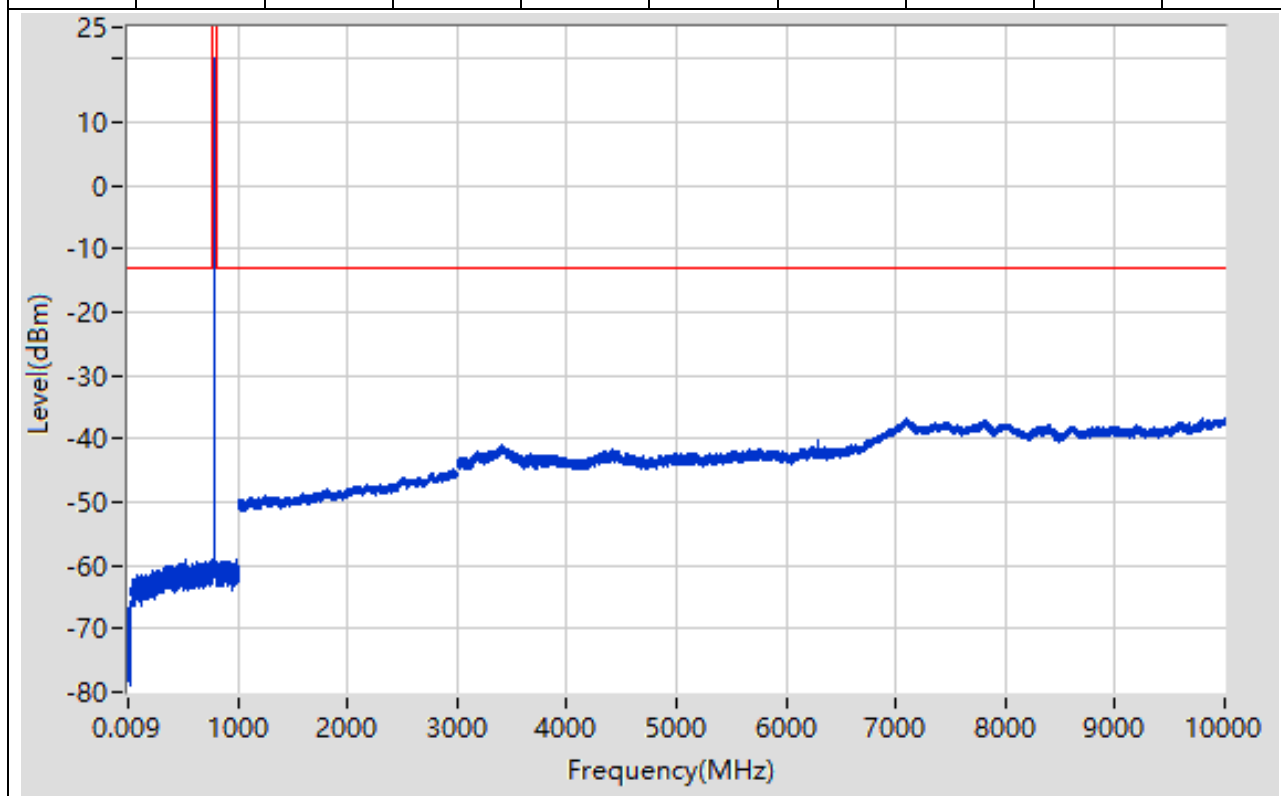
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.37	-13	53.37	Pass	401
0.15	30	0.01	RMS	24.7	-65.17	-13	52.17	Pass	2986
30	767	0.1	RMS	732.2	-59.34	-13	46.34	Pass	7371
767	797	0.1	RMS	781.925	20.75	60	39.25	Pass	401
797	1000	0.1	RMS	980.8	-58.7	-13	45.7	Pass	2031
1000	3000	1	RMS	2955	-44.85	-13	31.85	Pass	2001
3000	10000	1	RMS	9934	-36.54	-13	23.54	Pass	7001



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_High

### 18.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

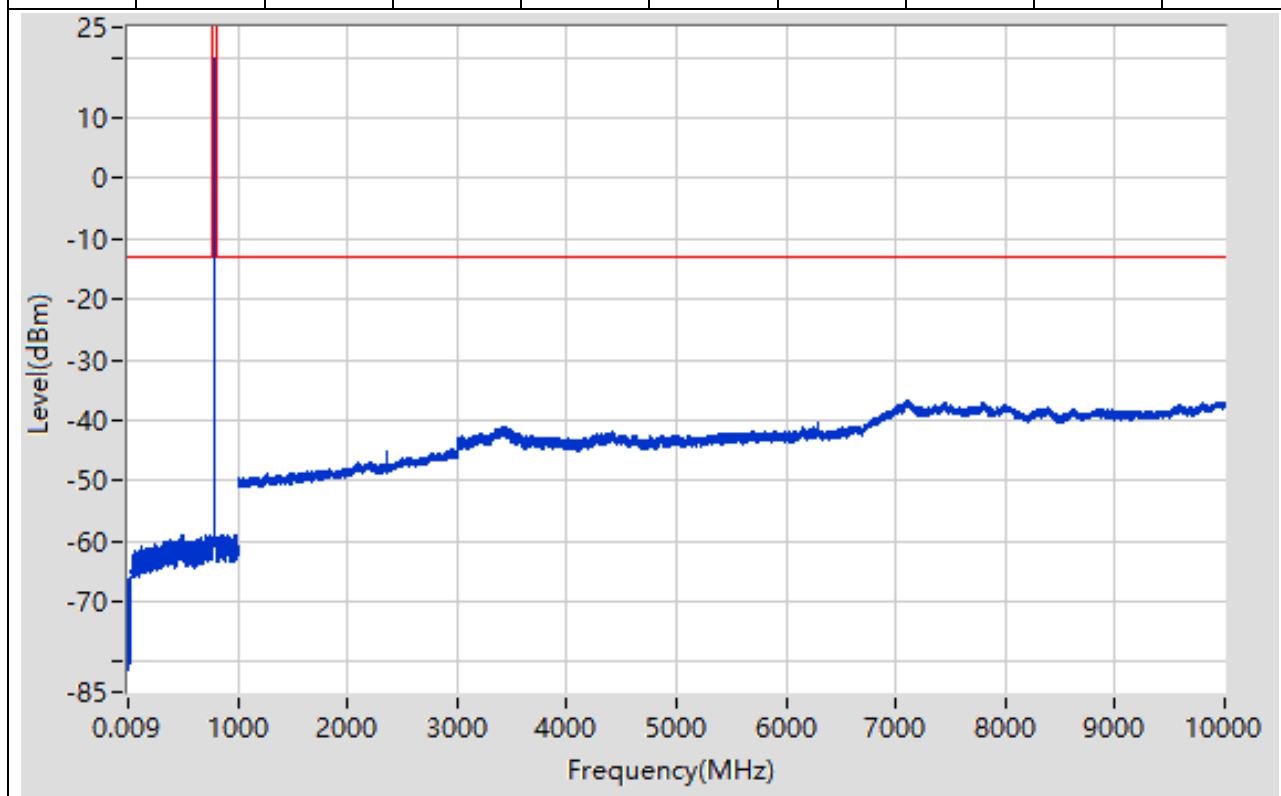
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.81	-13	53.81	Pass	401
0.15	30	0.01	RMS	29.68	-65.69	-13	52.69	Pass	2986
30	767	0.1	RMS	518.9	-59.22	-13	46.22	Pass	7371
767	797	0.1	RMS	786.875	19.97	60	40.03	Pass	401
797	1000	0.1	RMS	984.4	-59.2	-13	46.2	Pass	2031
1000	3000	1	RMS	2968	-44.91	-13	31.91	Pass	2001
3000	10000	1	RMS	9997	-36.81	-13	23.81	Pass	7001



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_High

### 18.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

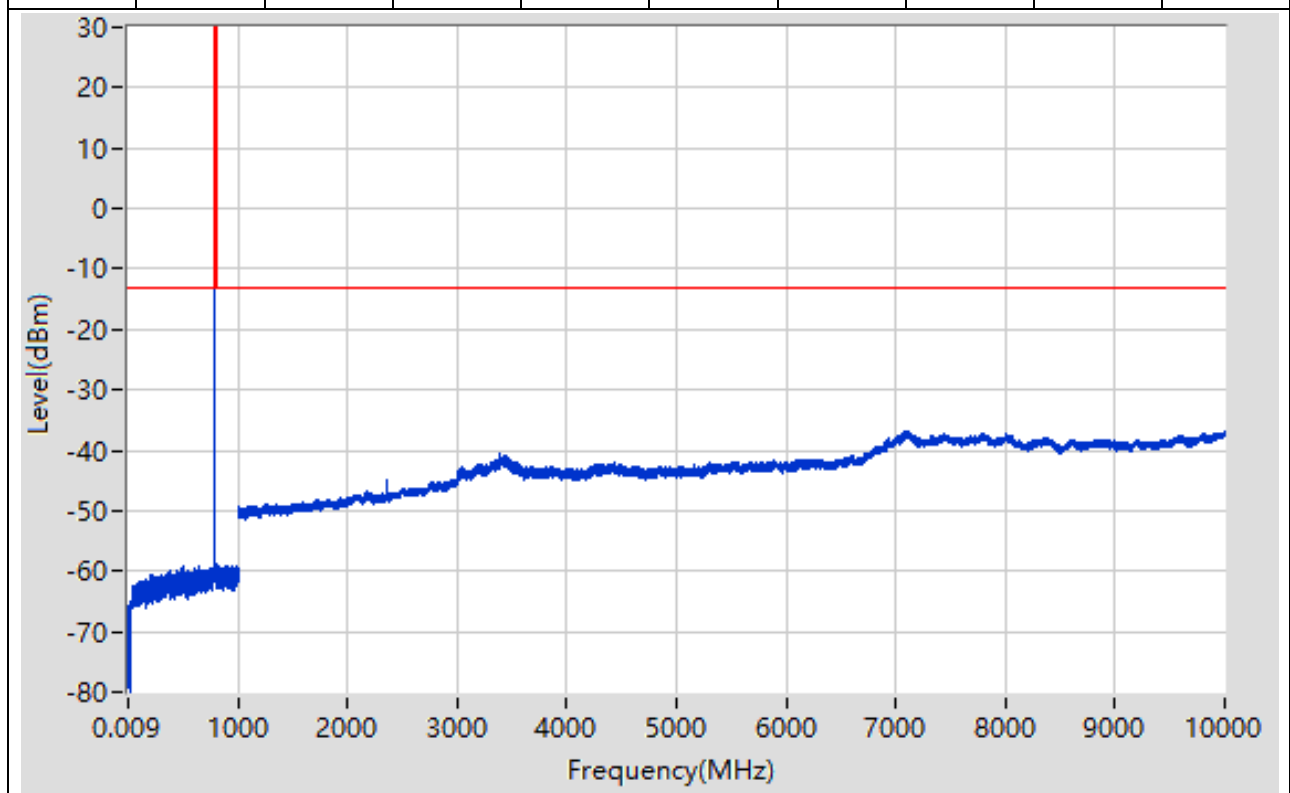
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-67.47	-13	54.47	Pass	401
0.15	30	0.01	RMS	18.53	-66.14	-13	53.14	Pass	2986
30	767	0.1	RMS	477.9	-58.97	-13	45.97	Pass	7371
767	797	0.1	RMS	786.875	19.75	60	40.25	Pass	401
797	1000	0.1	RMS	839.9	-59.03	-13	46.03	Pass	2031
1000	3000	1	RMS	2970	-44.85	-13	31.85	Pass	2001
3000	10000	1	RMS	7088	-36.88	-13	23.88	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Low

### 19.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

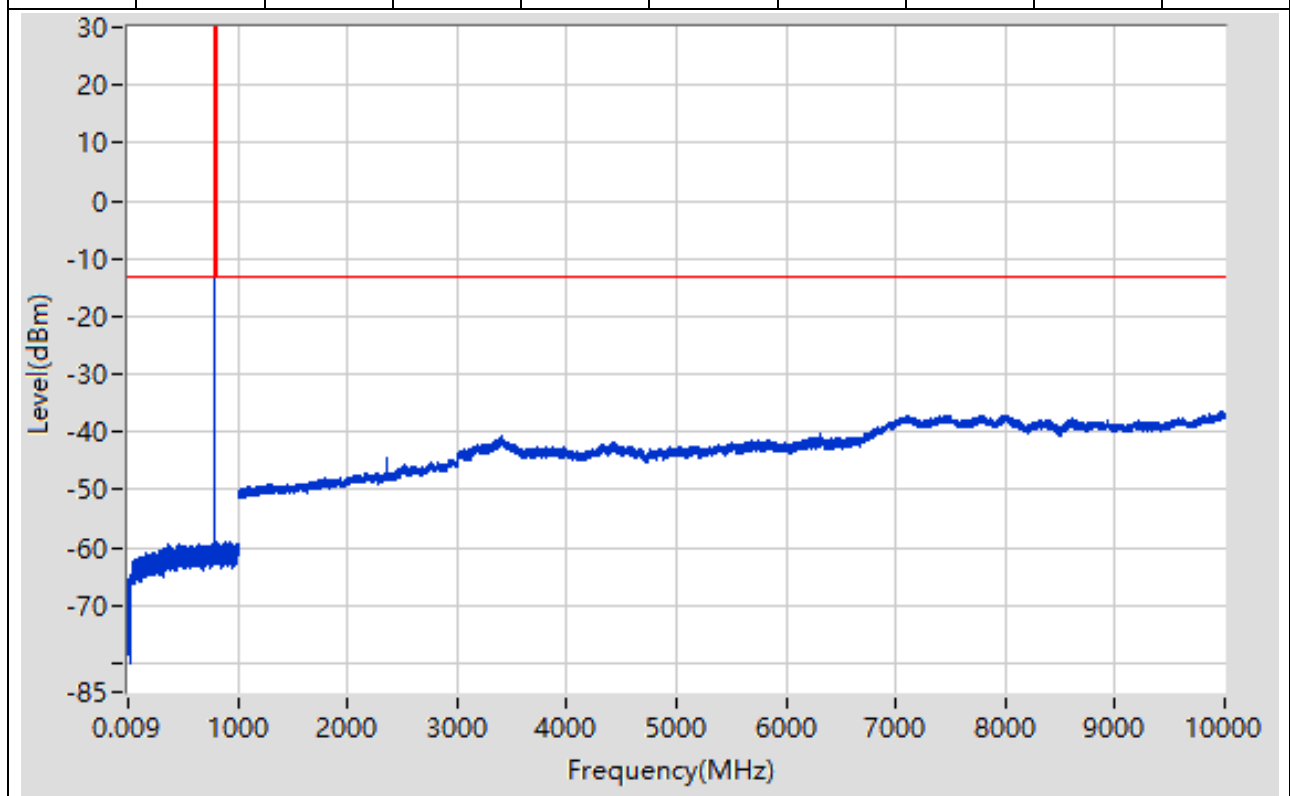
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-66.01	-13	53.01	Pass	401
0.15	30	0.01	RMS	15.33	-65.71	-13	52.71	Pass	2986
30	778	0.1	RMS	496.5	-59.14	-13	46.14	Pass	7481
778	808	0.1	RMS	788.05	20.46	60	39.54	Pass	401
808	1000	0.1	RMS	879.2	-58.99	-13	45.99	Pass	1921
1000	3000	1	RMS	2364	-44.83	-13	31.83	Pass	2001
3000	10000	1	RMS	7092	-36.78	-13	23.78	Pass	7001



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Low

### 19.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

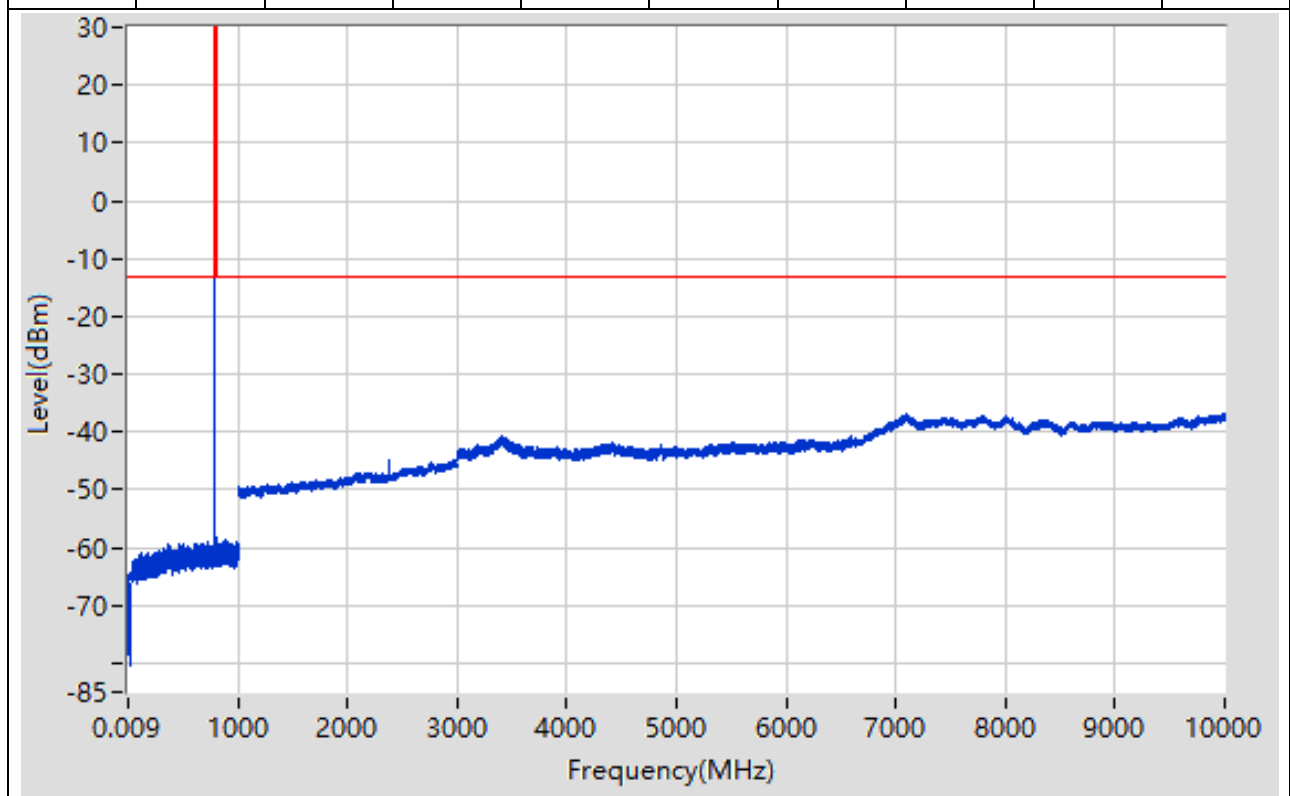
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-66.05	-13	53.05	Pass	401
0.15	30	0.01	RMS	22.21	-65.41	-13	52.41	Pass	2986
30	778	0.1	RMS	470.6	-59.38	-13	46.38	Pass	7481
778	808	0.1	RMS	788.05	20.01	60	39.99	Pass	401
808	1000	0.1	RMS	919.7	-59.08	-13	46.08	Pass	1921
1000	3000	1	RMS	2364	-44.43	-13	31.43	Pass	2001
3000	10000	1	RMS	9985	-36.39	-13	23.39	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Mid

### 19.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.022	-66.76	-13	53.76	Pass	401
0.15	30	0.01	RMS	2.57	-64.6	-13	51.6	Pass	2986
30	778	0.1	RMS	728.1	-58.87	-13	45.87	Pass	7481
778	808	0.1	RMS	792.925	20.62	60	39.38	Pass	401
808	1000	0.1	RMS	892.3	-58.76	-13	45.76	Pass	1921
1000	3000	1	RMS	2963	-44.79	-13	31.79	Pass	2001
3000	10000	1	RMS	7095	-36.83	-13	23.83	Pass	7001

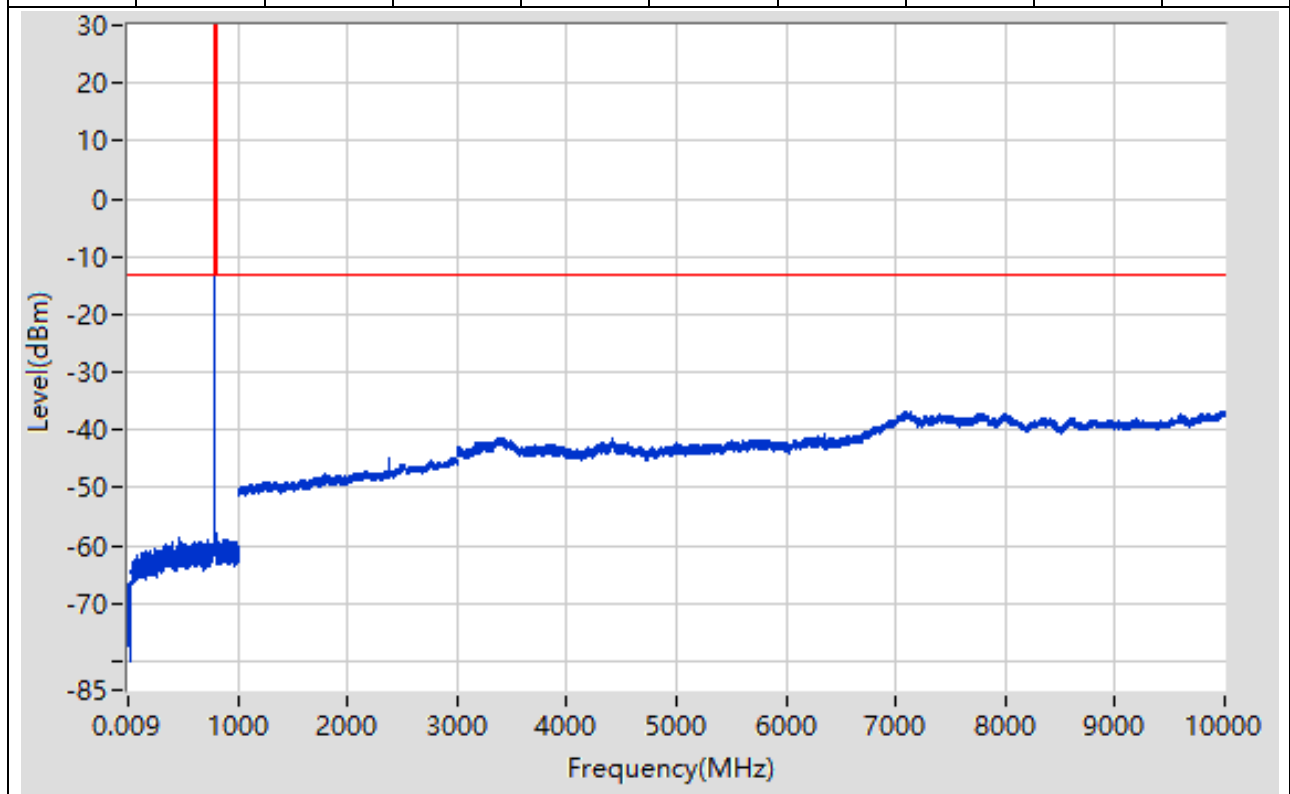




## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Mid

### 19.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

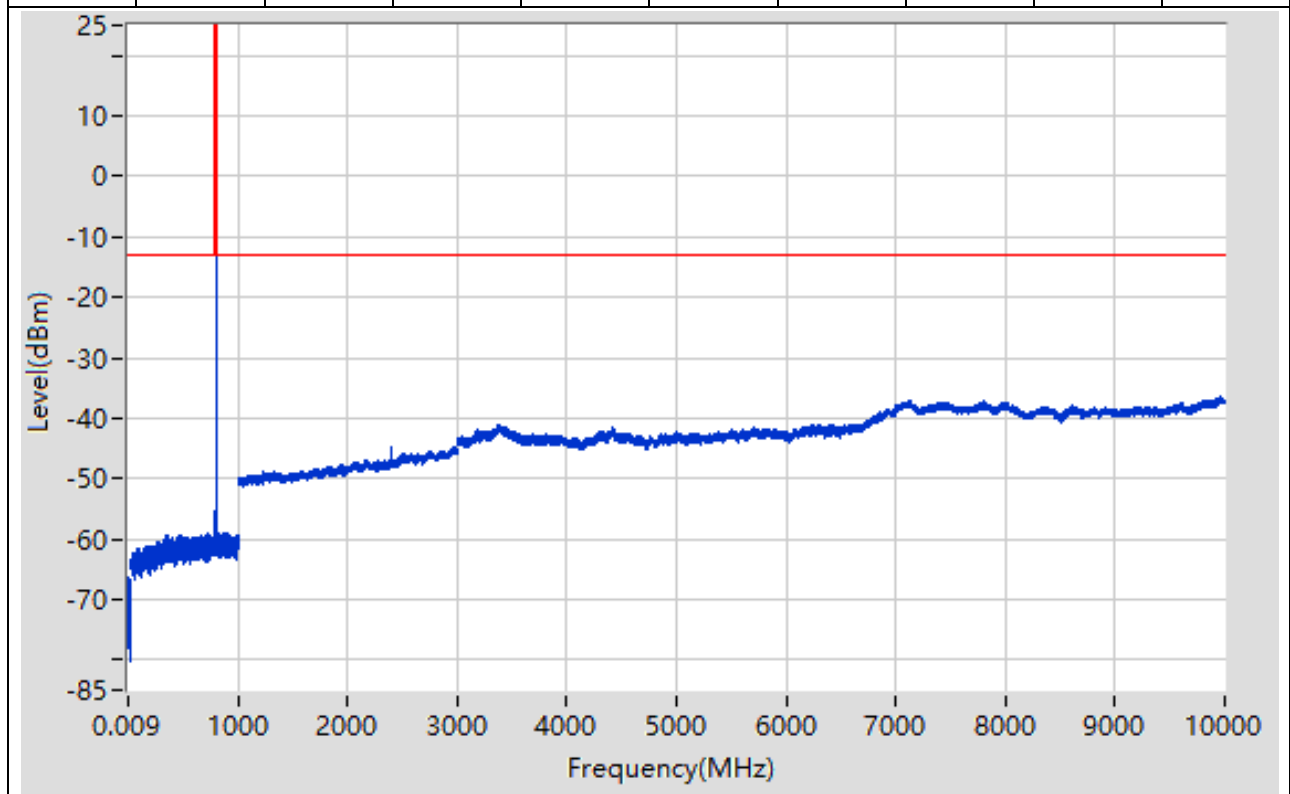
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.77	-13	53.77	Pass	401
0.15	30	0.01	RMS	23.41	-66.28	-13	53.28	Pass	2986
30	778	0.1	RMS	457.2	-58.83	-13	45.83	Pass	7481
778	808	0.1	RMS	792.925	20.61	60	39.39	Pass	401
808	1000	0.1	RMS	883.5	-58.94	-13	45.94	Pass	1921
1000	3000	1	RMS	2379	-44.87	-13	31.87	Pass	2001
3000	10000	1	RMS	9973	-36.72	-13	23.72	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_High

### 19.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

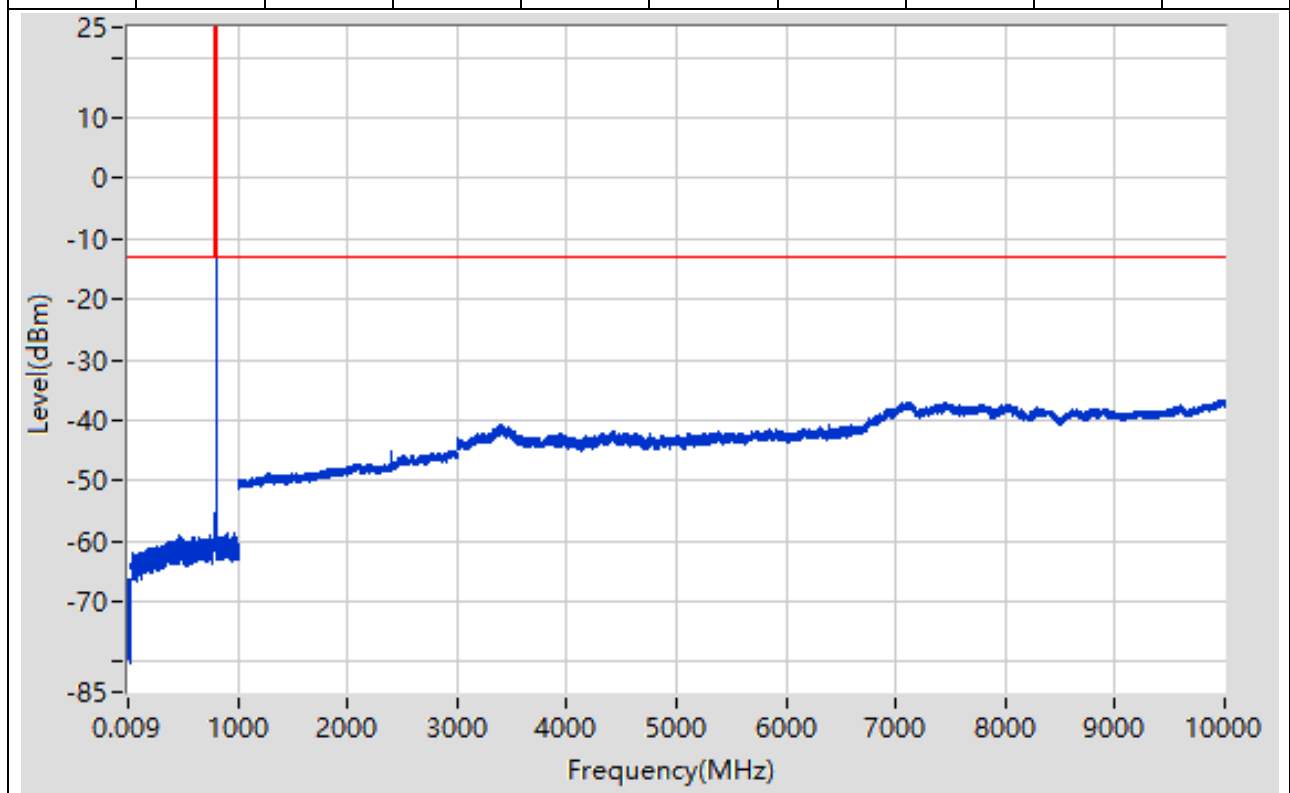
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.018	-67.49	-13	54.49	Pass	401
0.15	30	0.01	RMS	3.49	-66.49	-13	53.49	Pass	2986
30	778	0.1	RMS	729.8	-59.23	-13	46.23	Pass	7481
778	808	0.1	RMS	797.8	19.61	60	40.39	Pass	401
808	1000	0.1	RMS	858.1	-58.89	-13	45.89	Pass	1921
1000	3000	1	RMS	2393	-44.8	-13	31.8	Pass	2001
3000	10000	1	RMS	9965	-36.56	-13	23.56	Pass	7001



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_High

### 19.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

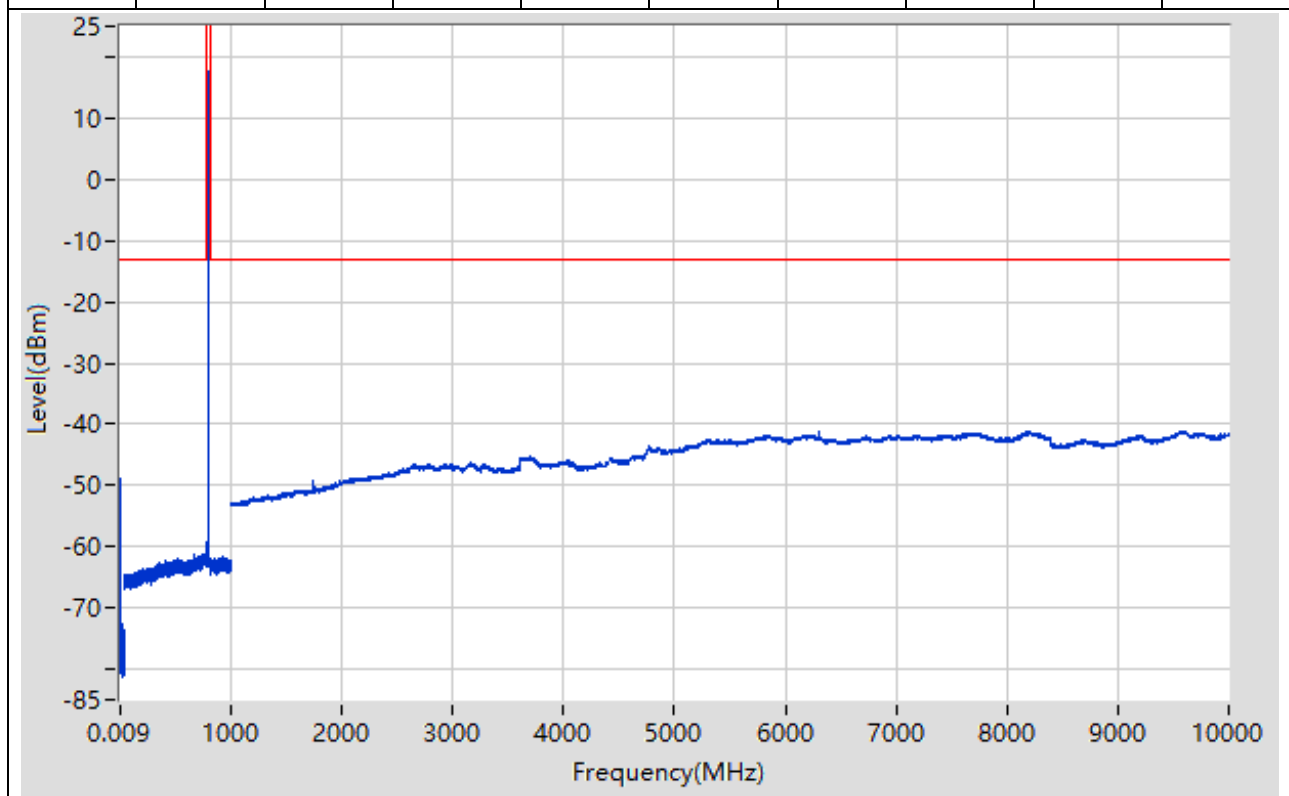
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.036	-66.82	-13	53.82	Pass	401
0.15	30	0.01	RMS	18.36	-66.36	-13	53.36	Pass	2986
30	778	0.1	RMS	741.8	-58.99	-13	45.99	Pass	7481
778	808	0.1	RMS	797.8	19.67	60	40.33	Pass	401
808	1000	0.1	RMS	959.5	-58.69	-13	45.69	Pass	1921
1000	3000	1	RMS	2967	-45.17	-13	32.17	Pass	2001
3000	10000	1	RMS	9947	-36.72	-13	23.72	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Low

### 19.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

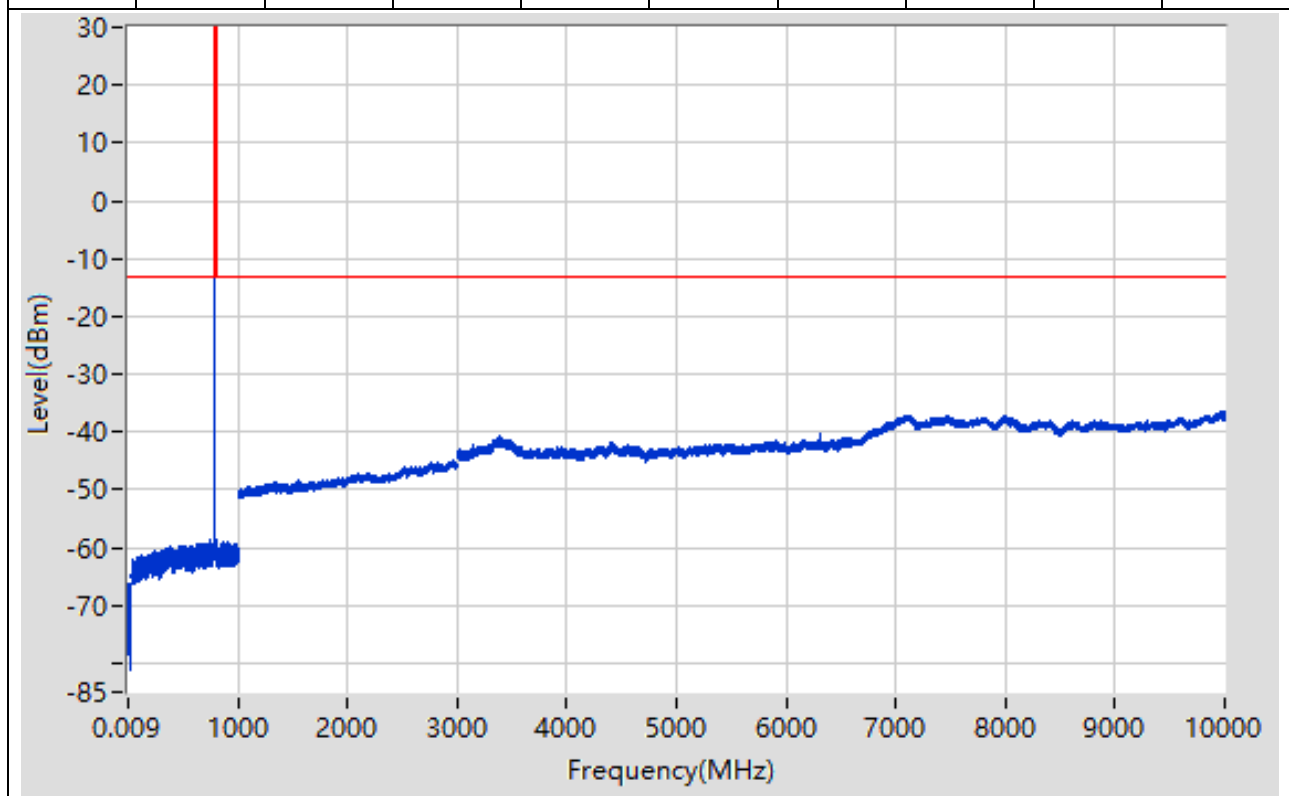
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.88	-13	35.88	Pass	401
0.15	30	0.01	RMS	0.16	-58.01	-13	45.01	Pass	2986
30	778	0.1	RMS	777.4	-61.04	-13	48.04	Pass	7481
778	808	0.1	RMS	788.05	17.64	60	42.36	Pass	401
808	1000	0.1	RMS	923.3	-61.6	-13	48.6	Pass	1921
1000	3000	1	RMS	2998	-46.58	-13	33.58	Pass	2001
3000	10000	1	RMS	9600	-41.08	-13	28.08	Pass	7001



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Low

### 19.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

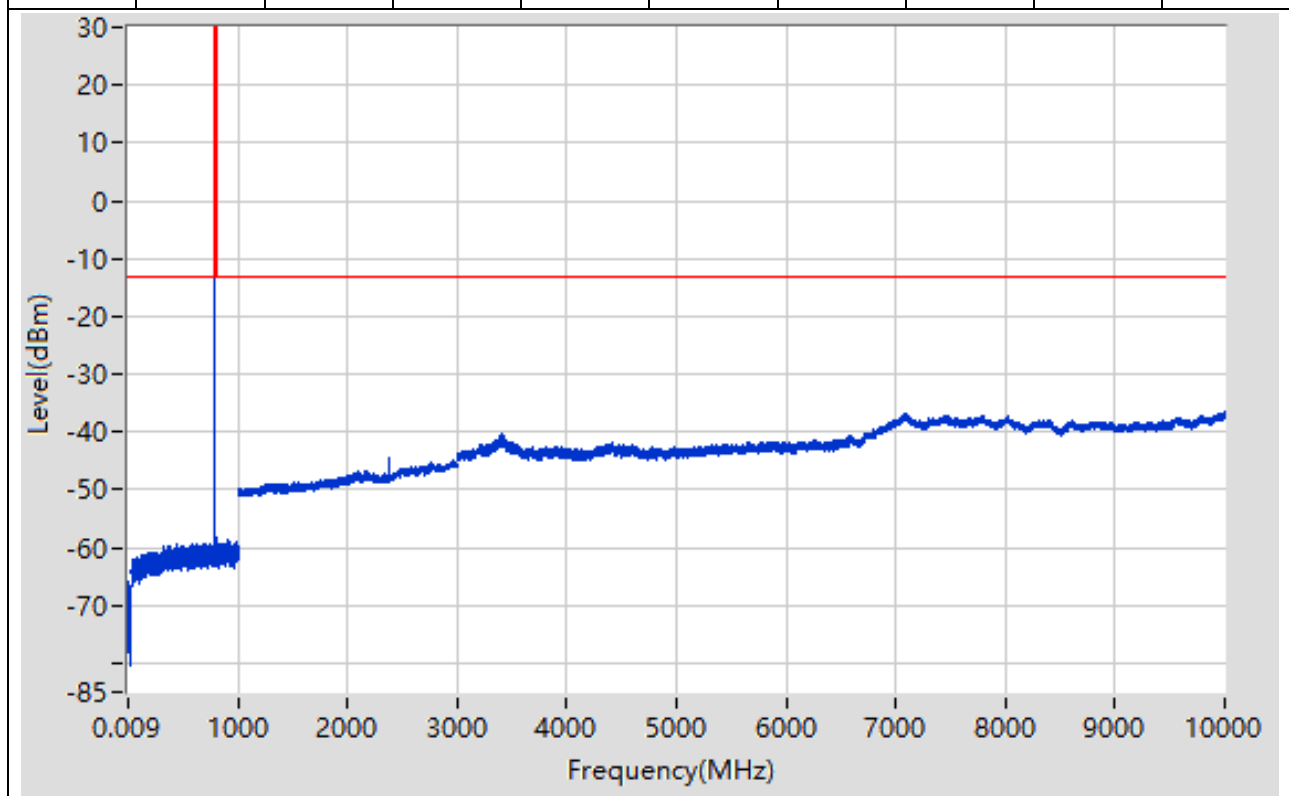
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.016	-66.55	-13	53.55	Pass	401
0.15	30	0.01	RMS	17.77	-66.21	-13	53.21	Pass	2986
30	778	0.1	RMS	742.4	-58.71	-13	45.71	Pass	7481
778	808	0.1	RMS	788.05	20.81	60	39.19	Pass	401
808	1000	0.1	RMS	873.2	-58.93	-13	45.93	Pass	1921
1000	3000	1	RMS	2957	-44.97	-13	31.97	Pass	2001
3000	10000	1	RMS	9993	-36.64	-13	23.64	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Mid

### 19.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

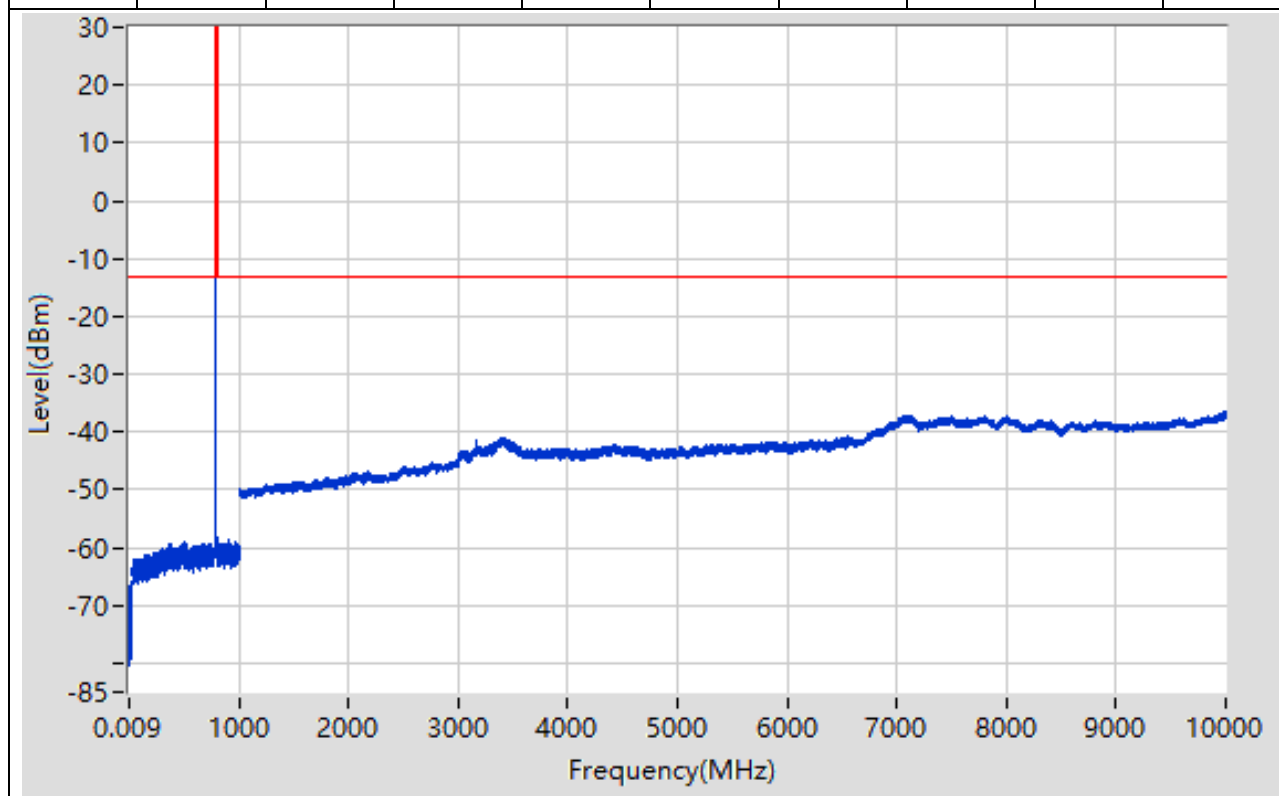
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.021	-67.4	-13	54.4	Pass	401
0.15	30	0.01	RMS	1.65	-65.76	-13	52.76	Pass	2986
30	778	0.1	RMS	742.7	-59.24	-13	46.24	Pass	7481
778	808	0.1	RMS	792.925	20.64	60	39.36	Pass	401
808	1000	0.1	RMS	900.5	-58.68	-13	45.68	Pass	1921
1000	3000	1	RMS	2379	-44.44	-13	31.44	Pass	2001
3000	10000	1	RMS	9995	-36.45	-13	23.45	Pass	7001



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Mid

### 19.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

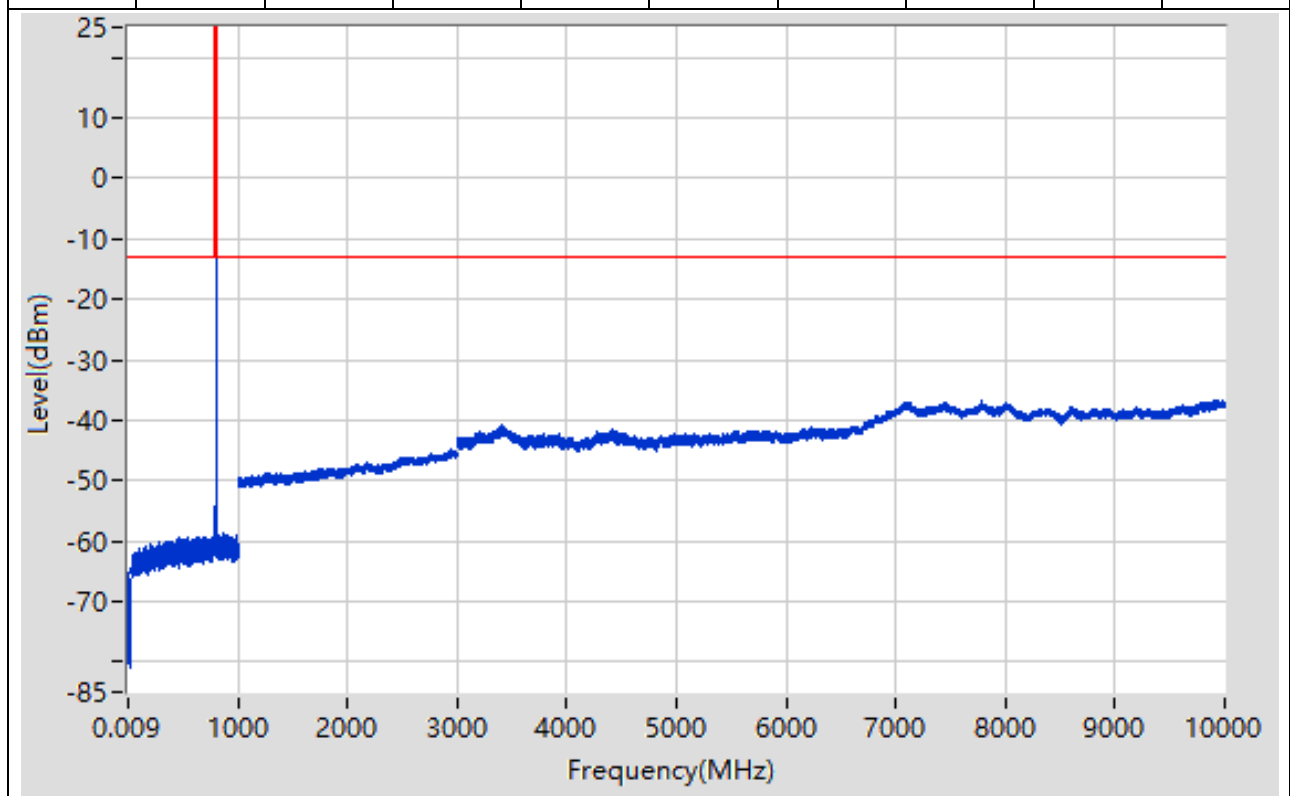
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-67.08	-13	54.08	Pass	401
0.15	30	0.01	RMS	20.71	-65.9	-13	52.9	Pass	2986
30	778	0.1	RMS	496.1	-59.02	-13	46.02	Pass	7481
778	808	0.1	RMS	792.925	20.65	60	39.35	Pass	401
808	1000	0.1	RMS	906.1	-58.71	-13	45.71	Pass	1921
1000	3000	1	RMS	2992	-45.02	-13	32.02	Pass	2001
3000	10000	1	RMS	9972	-36.59	-13	23.59	Pass	7001



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_High

### 19.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-65.39	-13	52.39	Pass	401
0.15	30	0.01	RMS	15.34	-66.33	-13	53.33	Pass	2986
30	778	0.1	RMS	468.2	-59.31	-13	46.31	Pass	7481
778	808	0.1	RMS	797.875	19.85	60	40.15	Pass	401
808	1000	0.1	RMS	876.8	-58.68	-13	45.68	Pass	1921
1000	3000	1	RMS	2944	-44.86	-13	31.86	Pass	2001
3000	10000	1	RMS	9989	-36.66	-13	23.66	Pass	7001

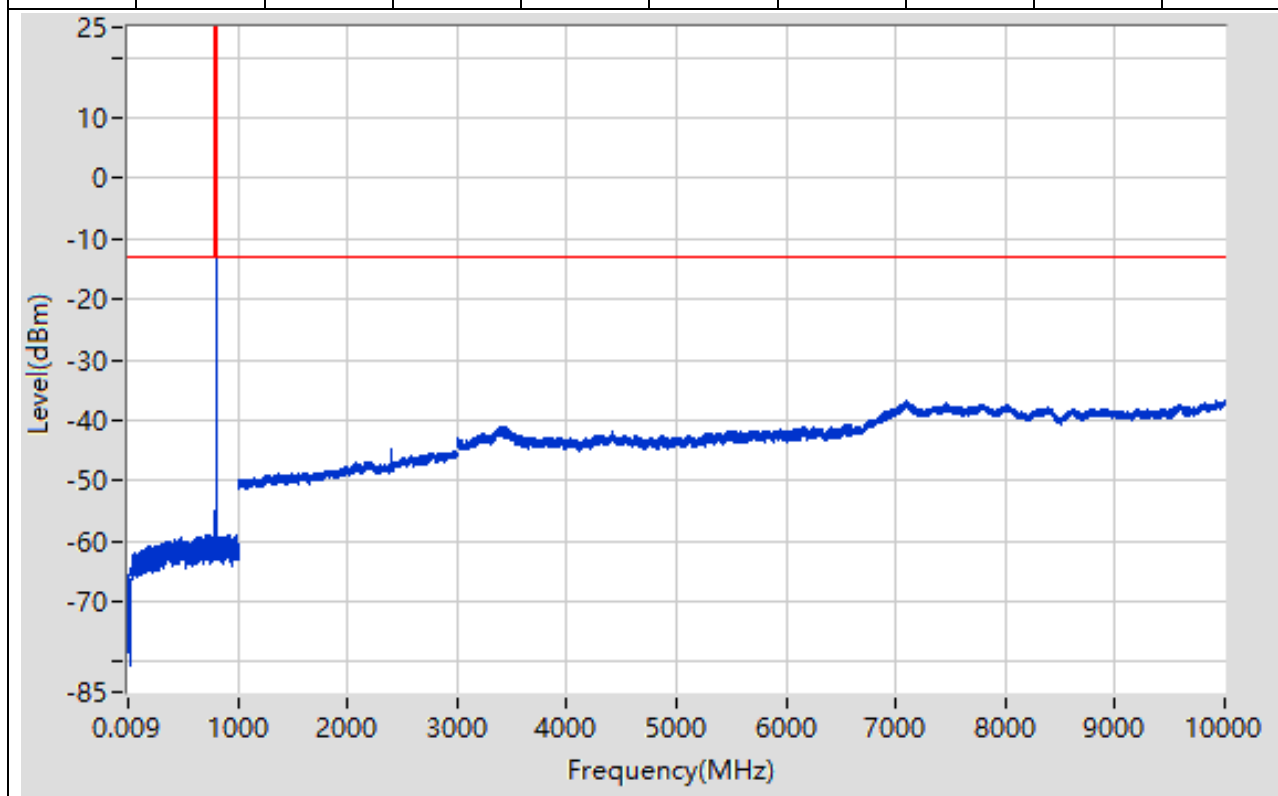




## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_High

### 19.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

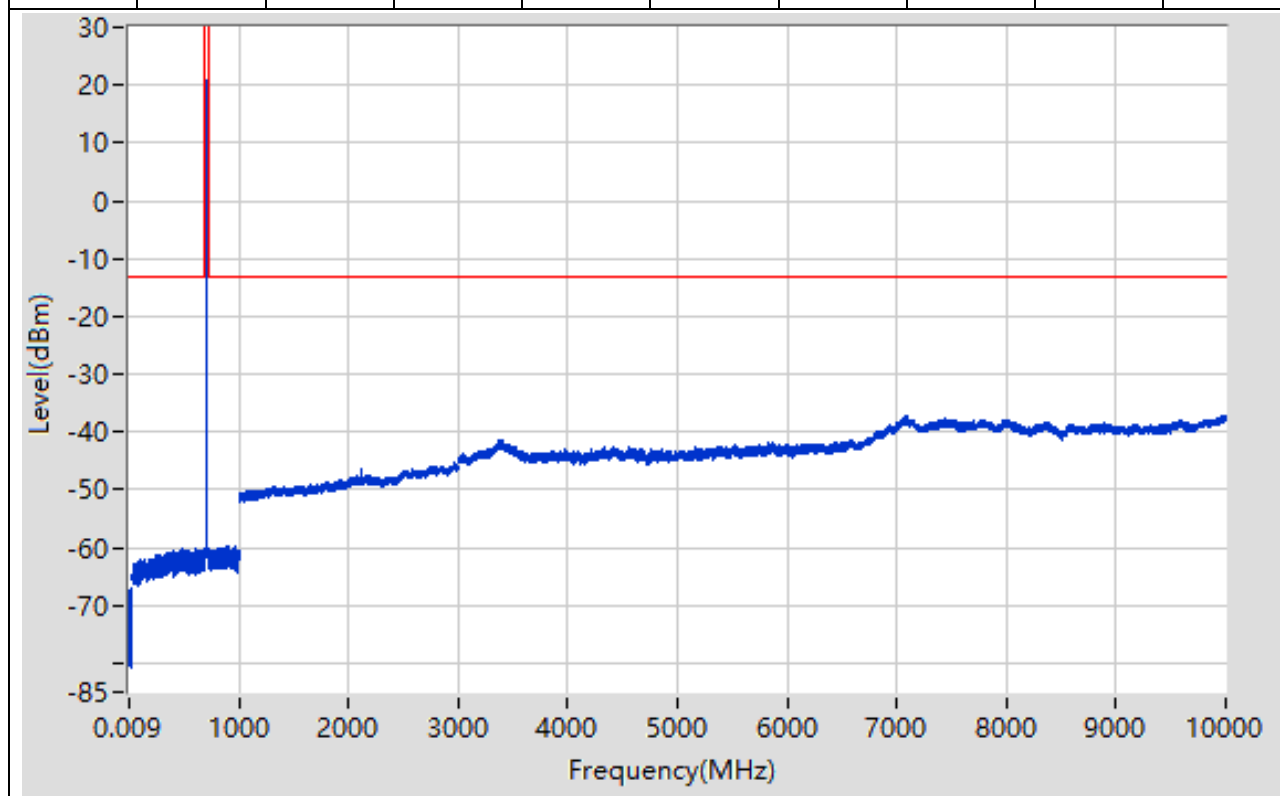
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.031	-67.67	-13	54.67	Pass	401
0.15	30	0.01	RMS	0.27	-65.63	-13	52.63	Pass	2986
30	778	0.1	RMS	714.9	-59.16	-13	46.16	Pass	7481
778	808	0.1	RMS	797.875	19.91	60	40.09	Pass	401
808	1000	0.1	RMS	907.9	-59.1	-13	46.1	Pass	1921
1000	3000	1	RMS	2394	-44.76	-13	31.76	Pass	2001
3000	10000	1	RMS	7098	-36.85	-13	23.85	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Low

### 20.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

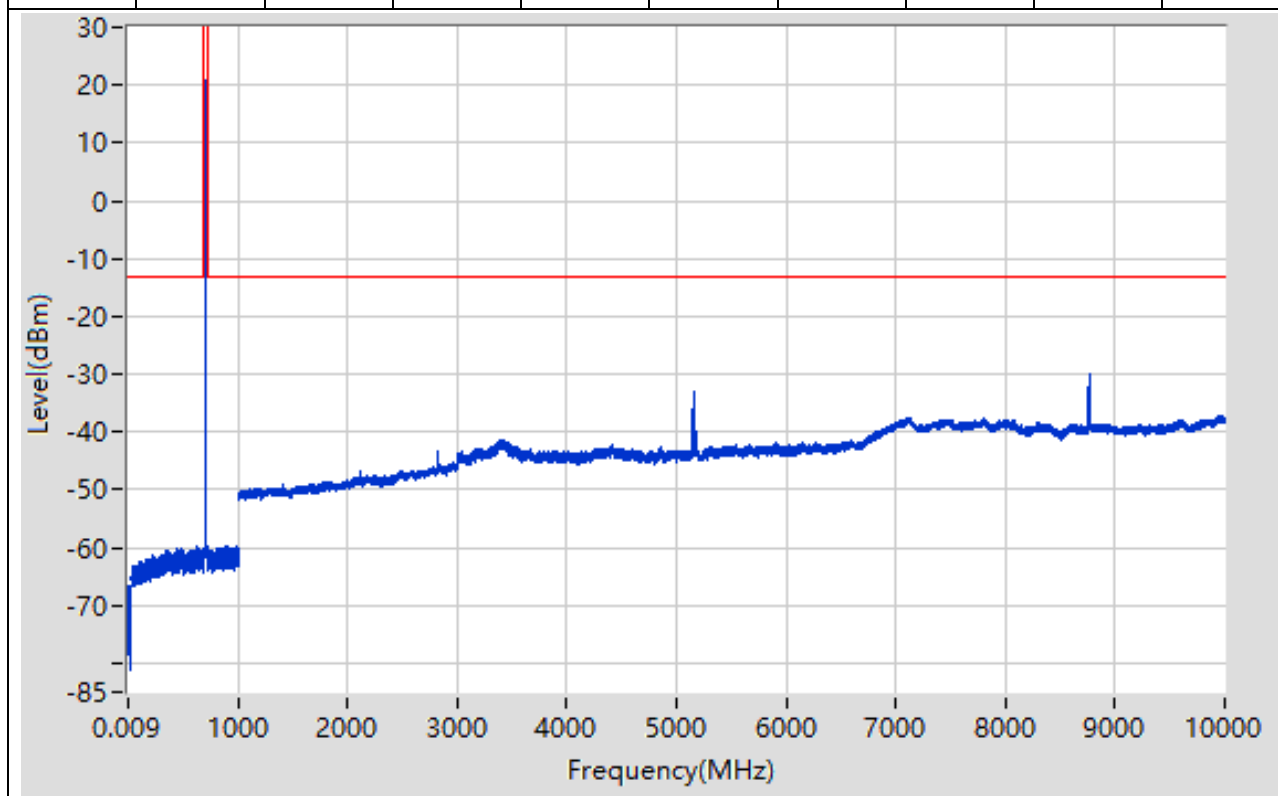
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-67.27	-13	54.27	Pass	401
0.15	30	0.01	RMS	29.11	-67.22	-13	54.22	Pass	2986
30	694	0.1	RMS	610.1	-60.17	-13	47.17	Pass	6641
694	726	0.1	RMS	704	20.92	60	39.08	Pass	401
726	1000	0.1	RMS	890.6	-59.6	-13	46.6	Pass	2741
1000	3000	1	RMS	2964	-45.46	-13	32.46	Pass	2001
3000	10000	1	RMS	10000	-37.12	-13	24.12	Pass	7001



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Low

### 20.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

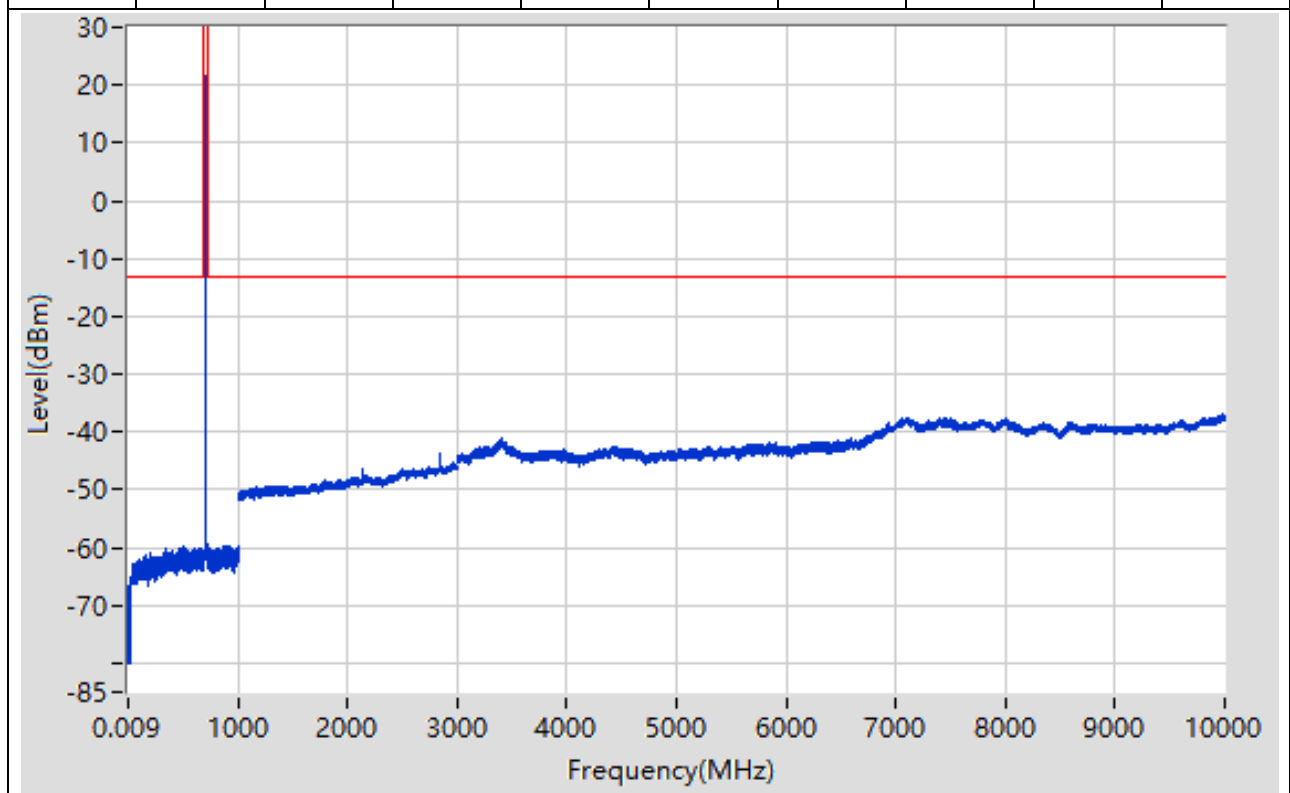
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.028	-67.89	-13	54.89	Pass	401
0.15	30	0.01	RMS	21.37	-66.78	-13	53.78	Pass	2986
30	694	0.1	RMS	618.4	-59.7	-13	46.7	Pass	6641
694	726	0.1	RMS	704	20.84	60	39.16	Pass	401
726	1000	0.1	RMS	996.2	-59.75	-13	46.75	Pass	2741
1000	3000	1	RMS	2816	-43.39	-13	30.39	Pass	2001
3000	10000	1	RMS	8766	-30.11	-13	17.11	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Mid

### 20.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

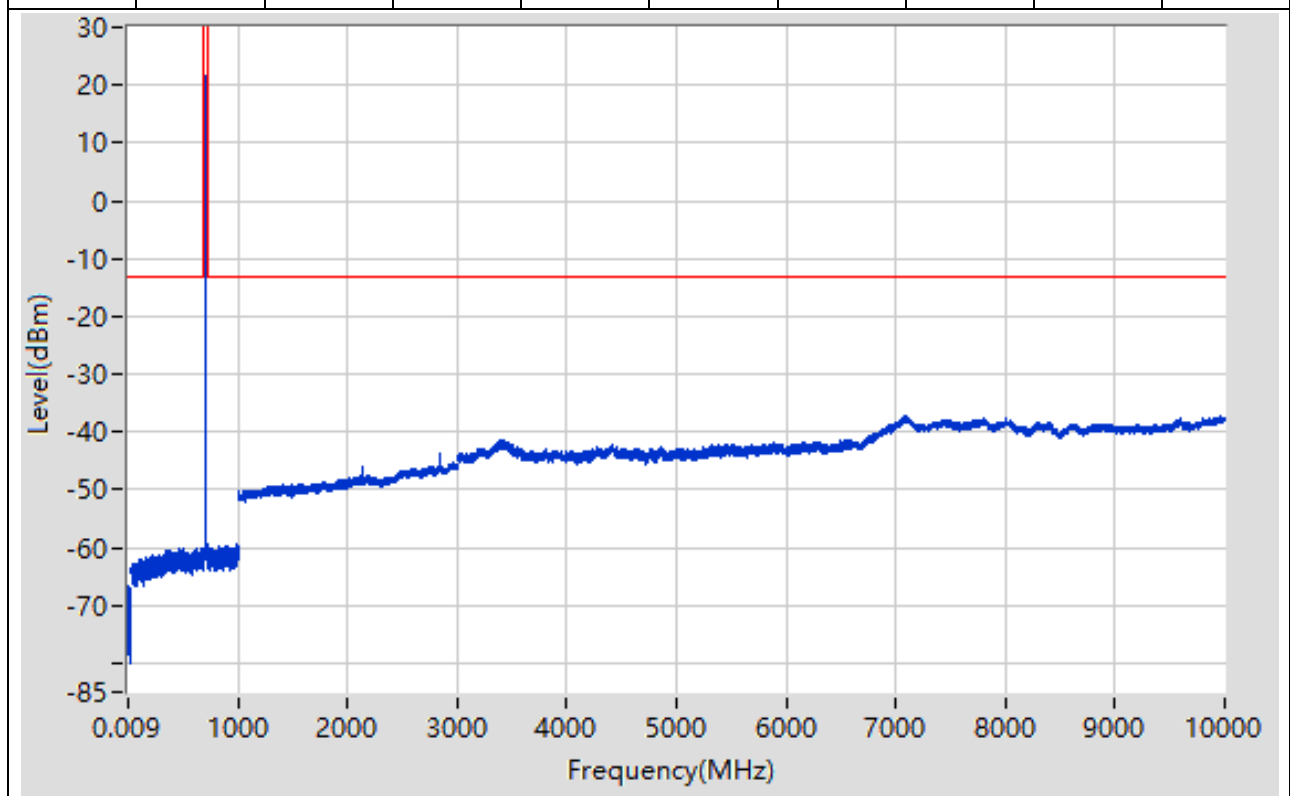
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-66.54	-13	53.54	Pass	401
0.15	30	0.01	RMS	23.96	-66.44	-13	53.44	Pass	2986
30	694	0.1	RMS	494.4	-59.72	-13	46.72	Pass	6641
694	726	0.1	RMS	709.92	21.55	60	38.45	Pass	401
726	1000	0.1	RMS	927.8	-59.65	-13	46.65	Pass	2741
1000	3000	1	RMS	2840	-43.68	-13	30.68	Pass	2001
3000	10000	1	RMS	9987	-36.89	-13	23.89	Pass	7001



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Mid

### 20.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

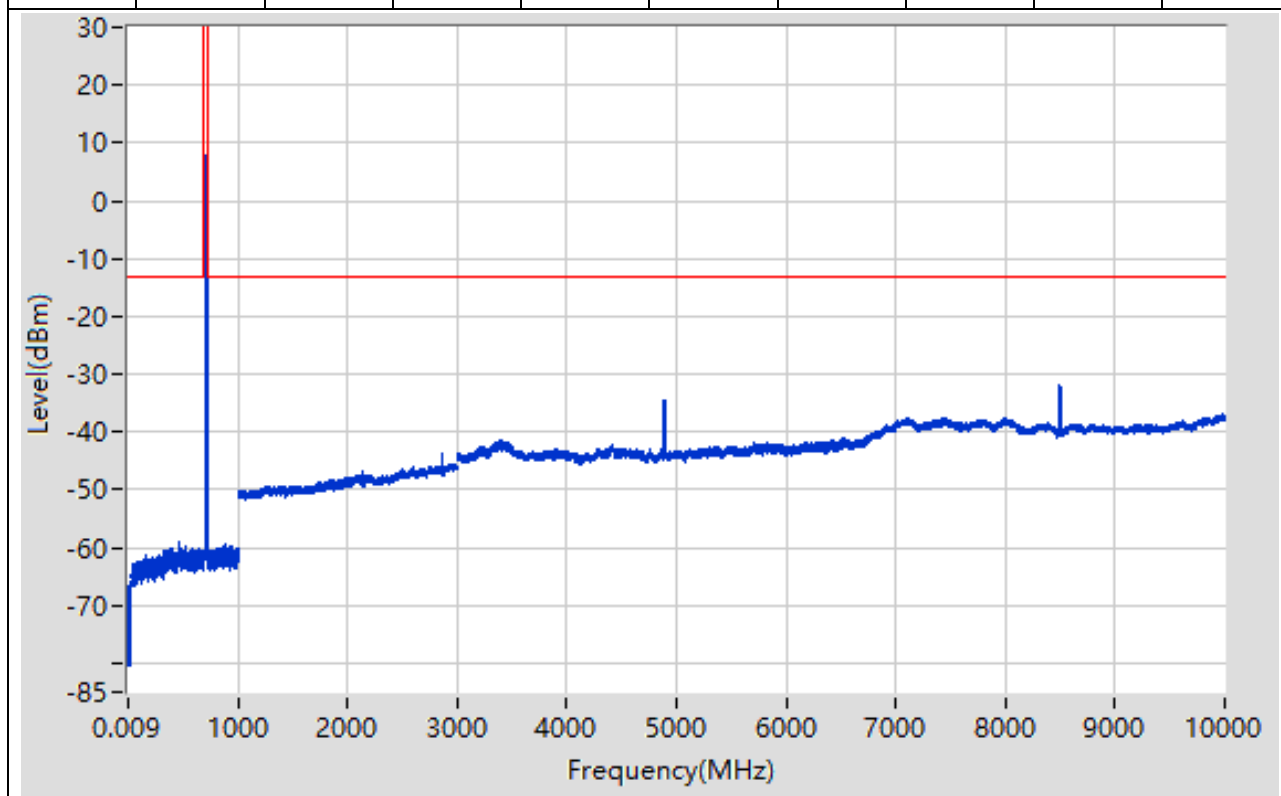
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-66.76	-13	53.76	Pass	401
0.15	30	0.01	RMS	17.5	-66.9	-13	53.9	Pass	2986
30	694	0.1	RMS	494.7	-60.01	-13	47.01	Pass	6641
694	726	0.1	RMS	709.92	21.52	60	38.48	Pass	401
726	1000	0.1	RMS	997.6	-59.34	-13	46.34	Pass	2741
1000	3000	1	RMS	2840	-43.59	-13	30.59	Pass	2001
3000	10000	1	RMS	7104	-37.12	-13	24.12	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_High

### 20.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

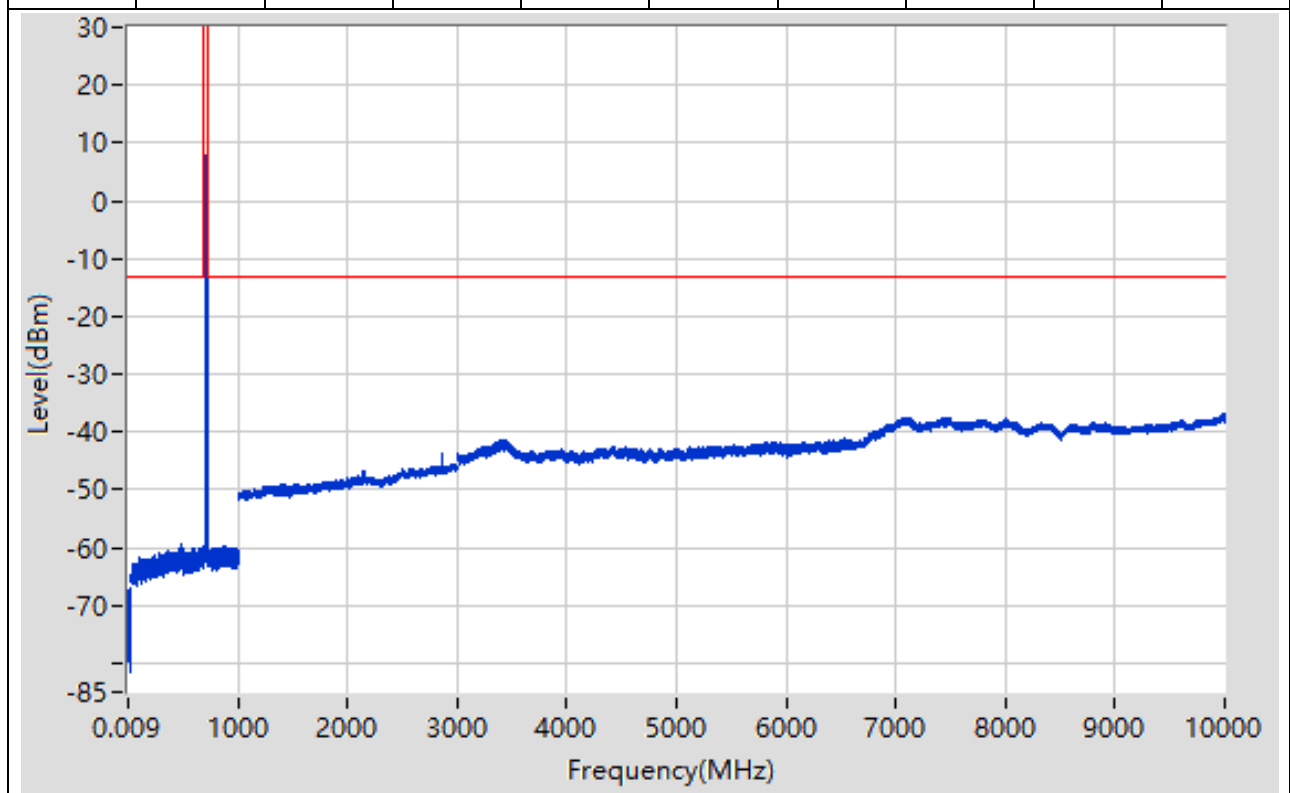
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.046	-66.56	-13	53.56	Pass	401
0.15	30	0.01	RMS	23.1	-66.05	-13	53.05	Pass	2986
30	694	0.1	RMS	472.1	-59.19	-13	46.19	Pass	6641
694	726	0.1	RMS	715.84	21.64	60	38.36	Pass	401
726	1000	0.1	RMS	881	-59.5	-13	46.5	Pass	2741
1000	3000	1	RMS	2863	-43.82	-13	30.82	Pass	2001
3000	10000	1	RMS	8485	-32.07	-13	19.07	Pass	7001



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_High

### 20.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

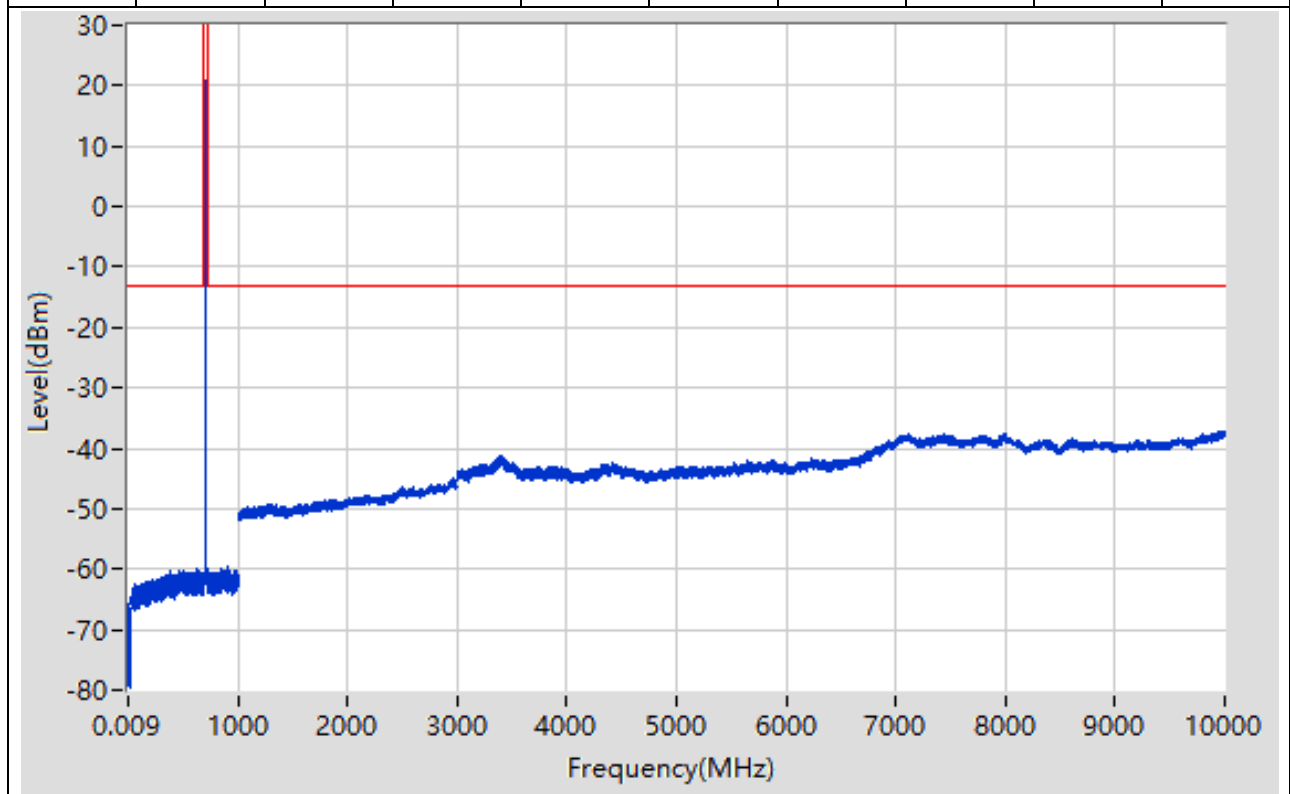
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-67.36	-13	54.36	Pass	401
0.15	30	0.01	RMS	24.08	-66.97	-13	53.97	Pass	2986
30	694	0.1	RMS	475.5	-59.56	-13	46.56	Pass	6641
694	726	0.1	RMS	715.84	21.65	60	38.35	Pass	401
726	1000	0.1	RMS	865.9	-59.87	-13	46.87	Pass	2741
1000	3000	1	RMS	2863	-43.79	-13	30.79	Pass	2001
3000	10000	1	RMS	10000	-36.88	-13	23.88	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Low

### 20.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-65.79	-13	52.79	Pass	401
0.15	30	0.01	RMS	8.27	-66.6	-13	53.6	Pass	2986
30	694	0.1	RMS	634	-59.9	-13	46.9	Pass	6641
694	726	0.1	RMS	704	20.71	60	39.29	Pass	401
726	1000	0.1	RMS	911	-59.66	-13	46.66	Pass	2741
1000	3000	1	RMS	2964	-45.06	-13	32.06	Pass	2001
3000	10000	1	RMS	9985	-37.09	-13	24.09	Pass	7001

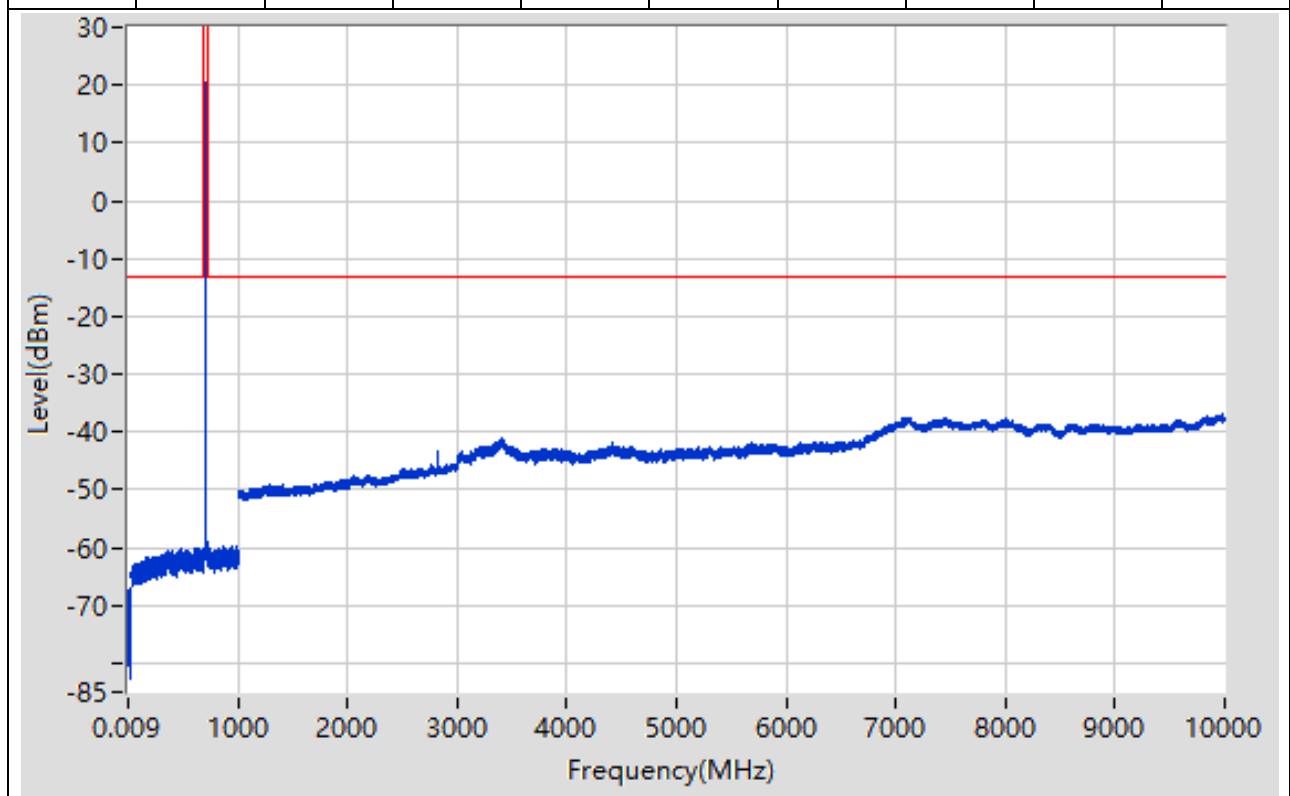




## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Low

### 20.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

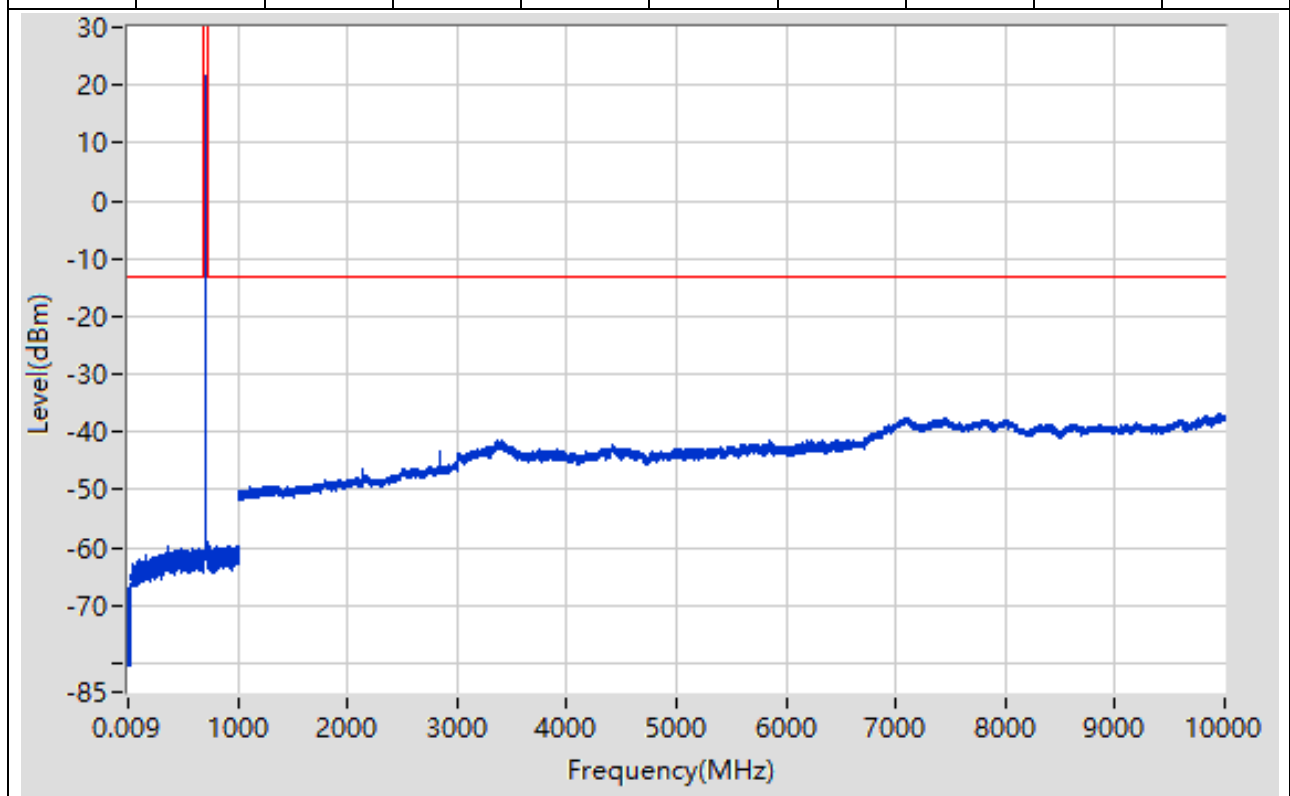
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-68.41	-13	55.41	Pass	401
0.15	30	0.01	RMS	12.49	-67.1	-13	54.1	Pass	2986
30	694	0.1	RMS	477.2	-60.06	-13	47.06	Pass	6641
694	726	0.1	RMS	704	20.57	60	39.43	Pass	401
726	1000	0.1	RMS	955.5	-59.89	-13	46.89	Pass	2741
1000	3000	1	RMS	2816	-43.35	-13	30.35	Pass	2001
3000	10000	1	RMS	9983	-36.95	-13	23.95	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Mid

### 20.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

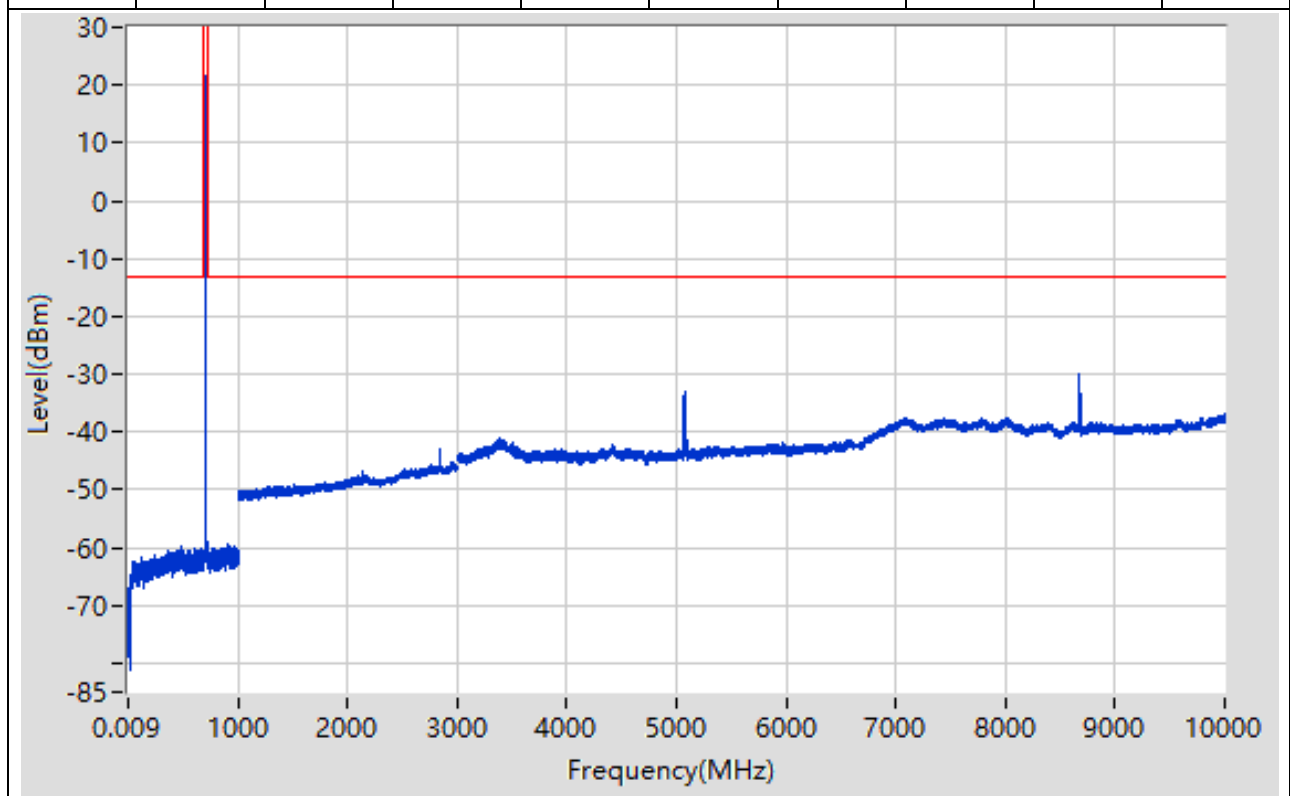
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.017	-67.62	-13	54.62	Pass	401
0.15	30	0.01	RMS	29.25	-66.17	-13	53.17	Pass	2986
30	694	0.1	RMS	357.6	-59.89	-13	46.89	Pass	6641
694	726	0.1	RMS	709.92	21.53	60	38.47	Pass	401
726	1000	0.1	RMS	914.2	-59.74	-13	46.74	Pass	2741
1000	3000	1	RMS	2840	-43.28	-13	30.28	Pass	2001
3000	10000	1	RMS	9935	-36.99	-13	23.99	Pass	7001



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Mid

### 20.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

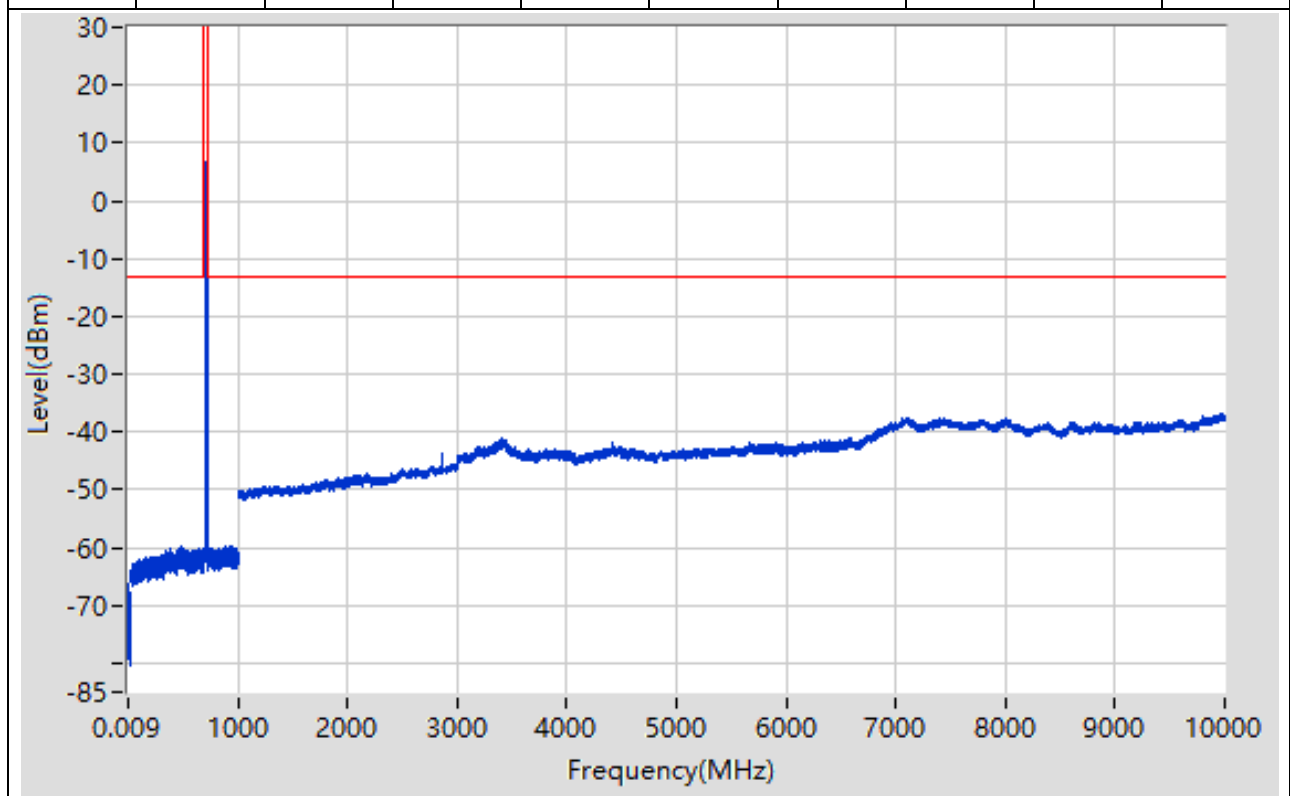
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-67.02	-13	54.02	Pass	401
0.15	30	0.01	RMS	21.35	-66.42	-13	53.42	Pass	2986
30	694	0.1	RMS	480.5	-59.83	-13	46.83	Pass	6641
694	726	0.1	RMS	709.92	21.58	60	38.42	Pass	401
726	1000	0.1	RMS	910.3	-59.41	-13	46.41	Pass	2741
1000	3000	1	RMS	2840	-43.07	-13	30.07	Pass	2001
3000	10000	1	RMS	8679	-29.91	-13	16.91	Pass	7001



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_High

### 20.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

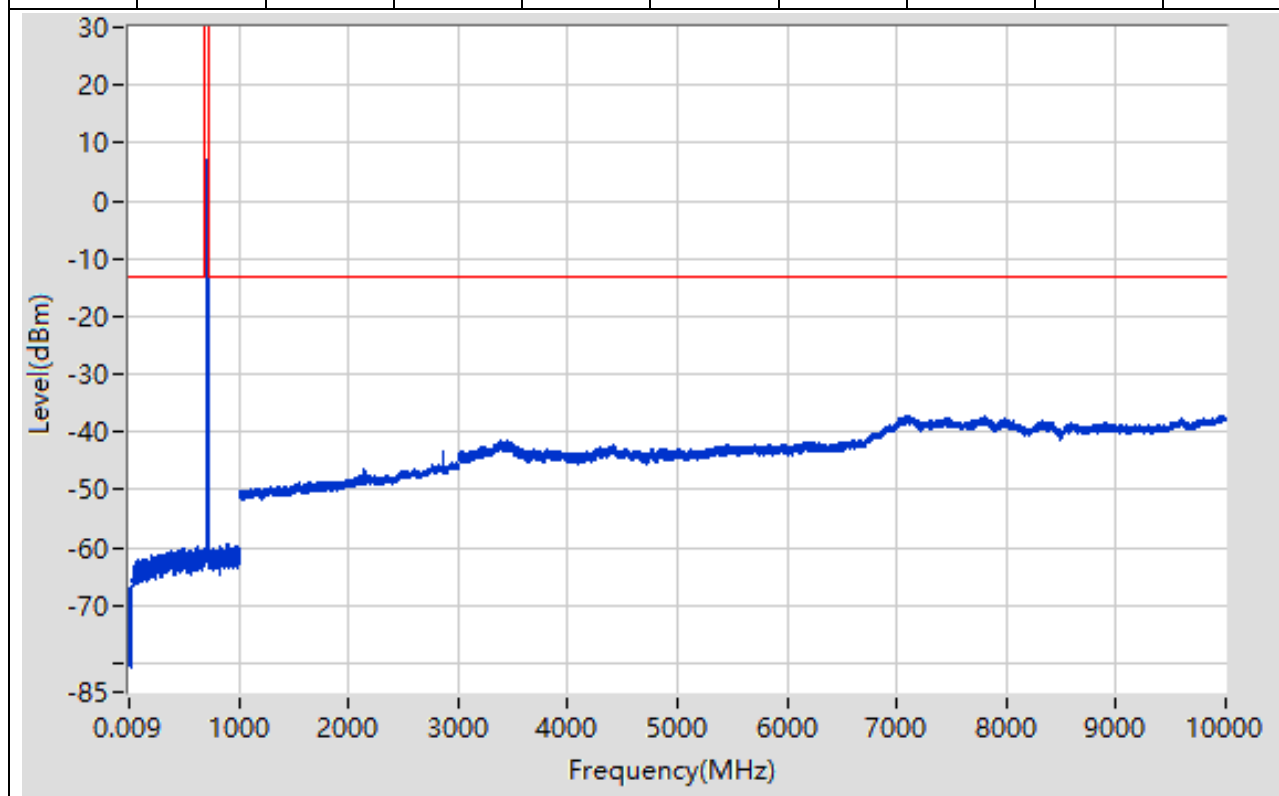
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-66.6	-13	53.6	Pass	401
0.15	30	0.01	RMS	6.47	-66.14	-13	53.14	Pass	2986
30	694	0.1	RMS	482.5	-59.62	-13	46.62	Pass	6641
694	726	0.1	RMS	715.84	21.83	60	38.17	Pass	401
726	1000	0.1	RMS	885.4	-59.74	-13	46.74	Pass	2741
1000	3000	1	RMS	2863	-43.58	-13	30.58	Pass	2001
3000	10000	1	RMS	9987	-36.87	-13	23.87	Pass	7001



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_High

### 20.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

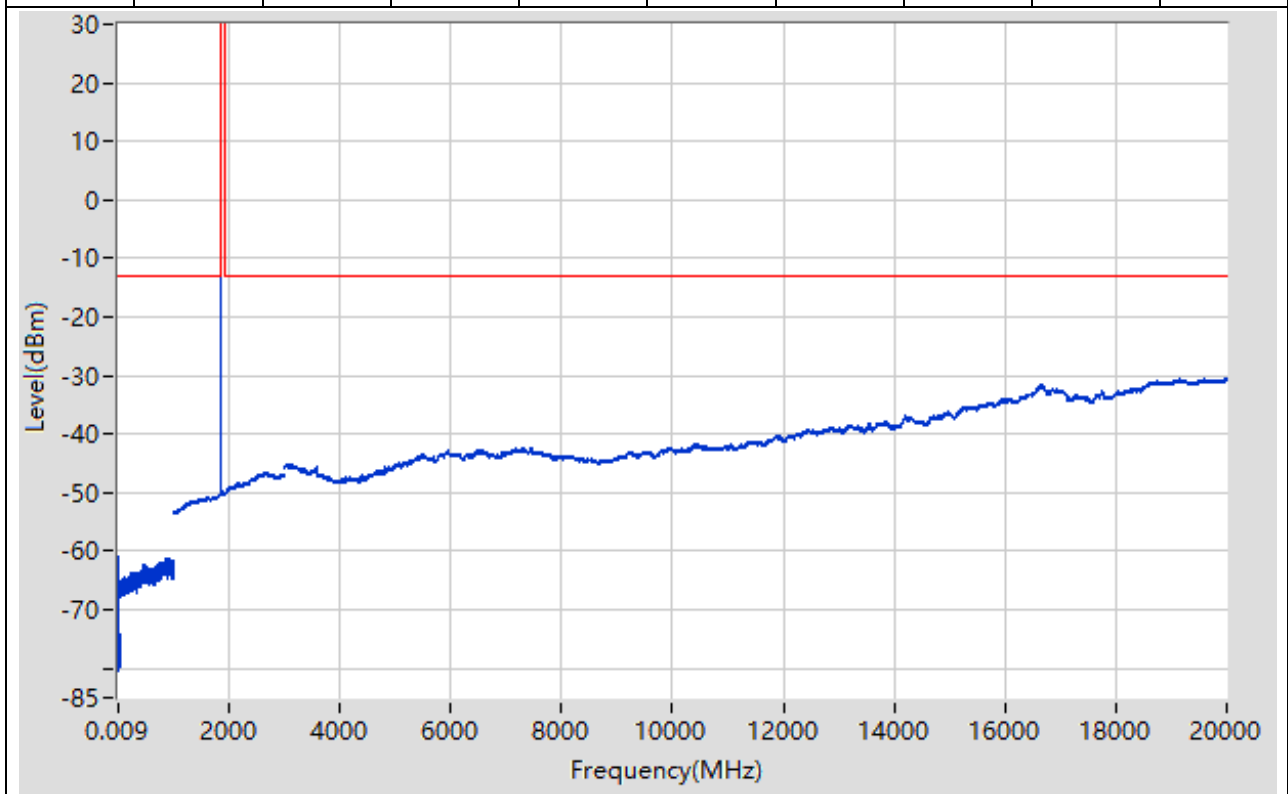
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-67.01	-13	54.01	Pass	401
0.15	30	0.01	RMS	18.09	-66.75	-13	53.75	Pass	2986
30	694	0.1	RMS	628.9	-59.9	-13	46.9	Pass	6641
694	726	0.1	RMS	715.84	21.81	60	38.19	Pass	401
726	1000	0.1	RMS	891.3	-59.27	-13	46.27	Pass	2741
1000	3000	1	RMS	2863	-43.28	-13	30.28	Pass	2001
3000	10000	1	RMS	9989	-37.12	-13	24.12	Pass	7001



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Low

### 21.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

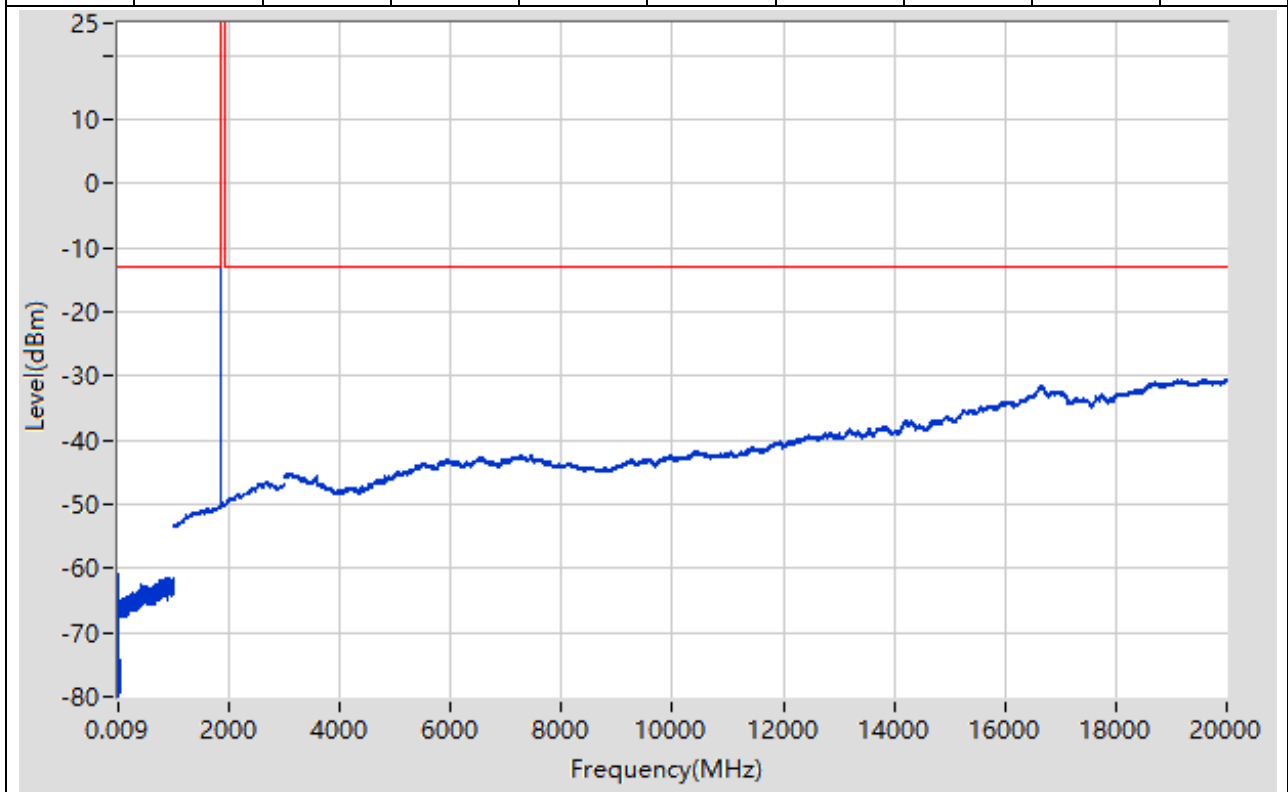
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.139	-62.56	-13	49.56	Pass	401
0.15	30	0.01	RMS	0.15	-60.83	-13	47.83	Pass	2986
30	1000	0.1	RMS	923.6	-61.21	-13	48.21	Pass	9701
1000	1840	1	RMS	1840	-49.8	-13	36.8	Pass	841
1840	1925	1	RMS	1850.2	20.58	60	39.42	Pass	401
1925	3000	1	RMS	2678	-46.41	-13	33.41	Pass	1076
3000	20000	1	RMS	19985	-30.54	-13	17.54	Pass	17001



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Low

### 21.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

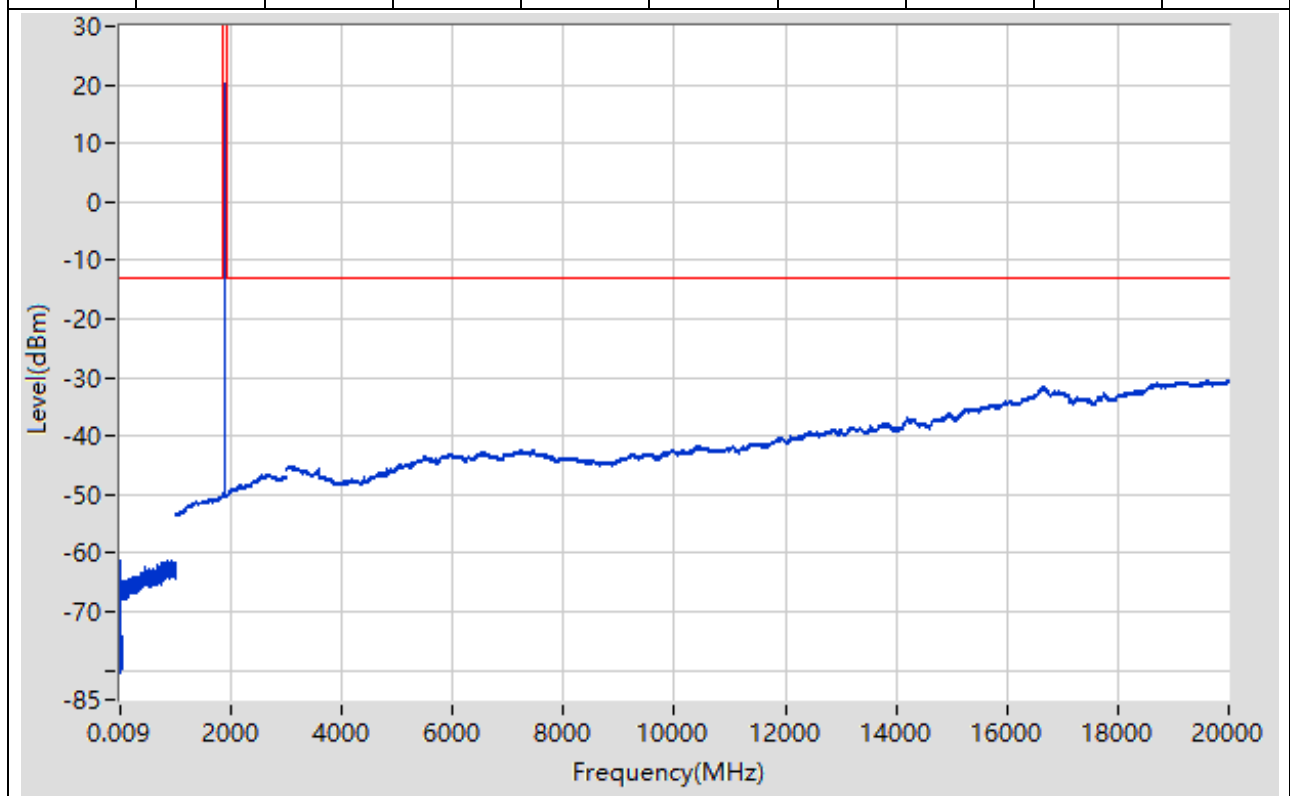
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.136	-61.73	-13	48.73	Pass	401
0.15	30	0.01	RMS	0.15	-60.82	-13	47.82	Pass	2986
30	1000	0.1	RMS	877.8	-61.41	-13	48.41	Pass	9701
1000	1840	1	RMS	1840	-49.73	-13	36.73	Pass	841
1840	1925	1	RMS	1850.625	17.38	60	42.62	Pass	401
1925	3000	1	RMS	2668	-46.46	-13	33.46	Pass	1076
3000	20000	1	RMS	19986	-30.55	-13	17.55	Pass	17001



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Mid

### 21.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.147	-61.8	-13	48.8	Pass	401
0.15	30	0.01	RMS	0.16	-61.22	-13	48.22	Pass	2986
30	1000	0.1	RMS	936	-61.3	-13	48.3	Pass	9701
1000	1840	1	RMS	1835	-50.32	-13	37.32	Pass	841
1840	1925	1	RMS	1882.5	20.32	60	39.68	Pass	401
1925	3000	1	RMS	2667	-46.43	-13	33.43	Pass	1076
3000	20000	1	RMS	19986	-30.55	-13	17.55	Pass	17001

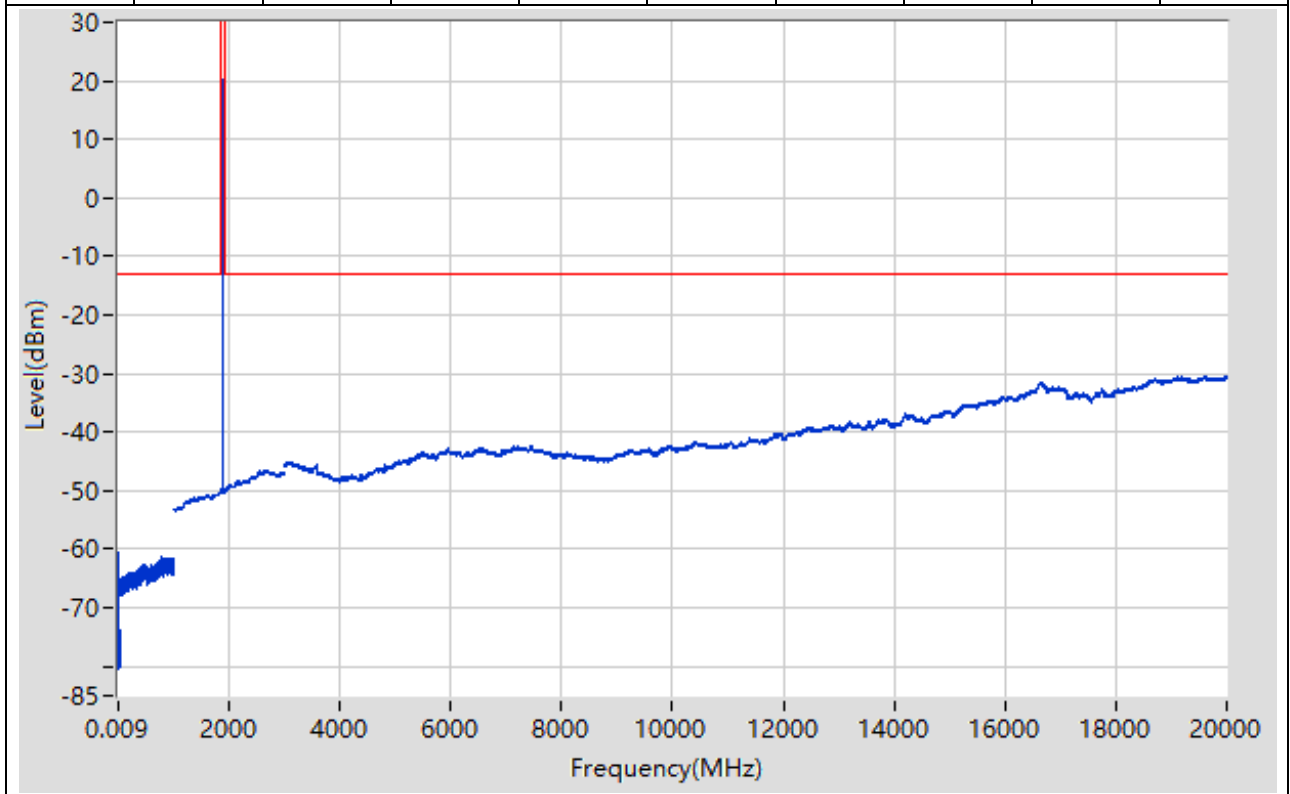




## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Mid

### 21.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

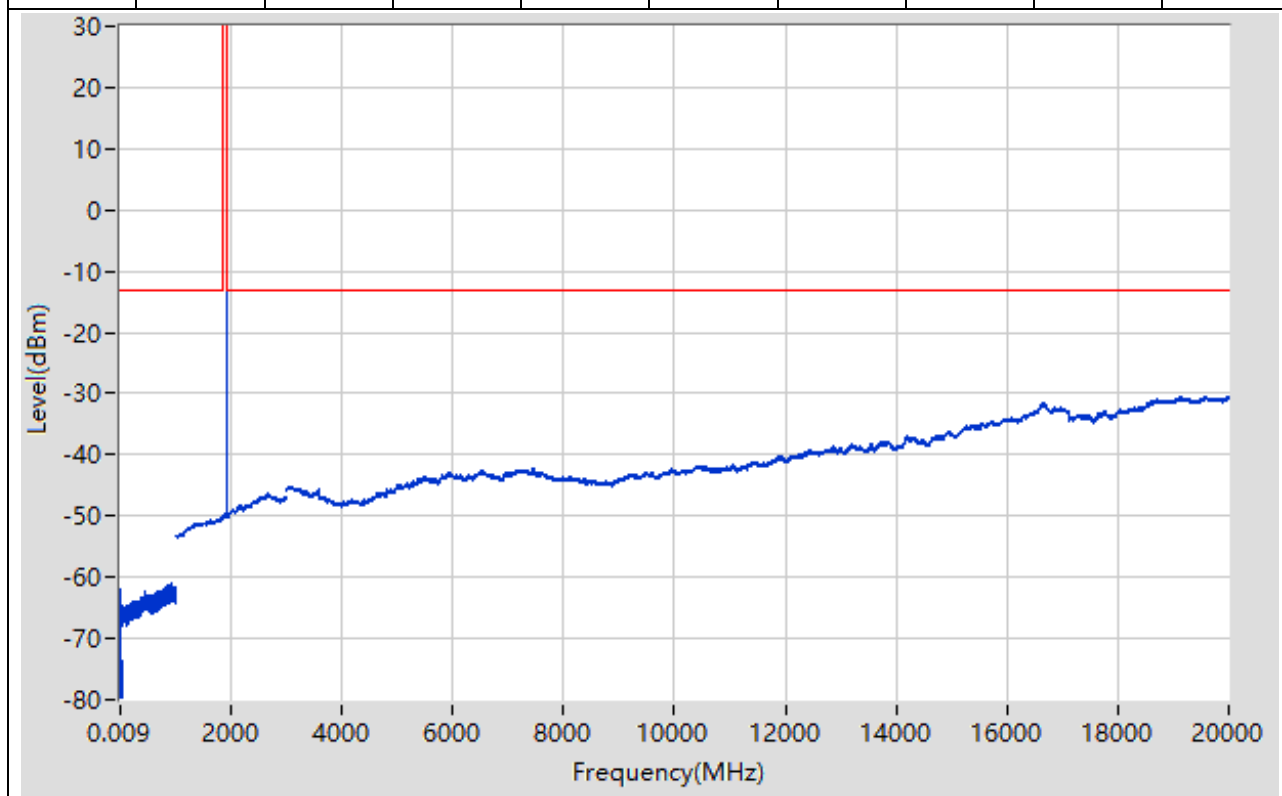
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.146	-62.52	-13	49.52	Pass	401
0.15	30	0.01	RMS	0.15	-60.66	-13	47.66	Pass	2986
30	1000	0.1	RMS	788.8	-61.38	-13	48.38	Pass	9701
1000	1840	1	RMS	1840	-50.21	-13	37.21	Pass	841
1840	1925	1	RMS	1882.5	20.25	60	39.75	Pass	401
1925	3000	1	RMS	2682	-46.38	-13	33.38	Pass	1076
3000	20000	1	RMS	19996	-30.51	-13	17.51	Pass	17001



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_High

### 21.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

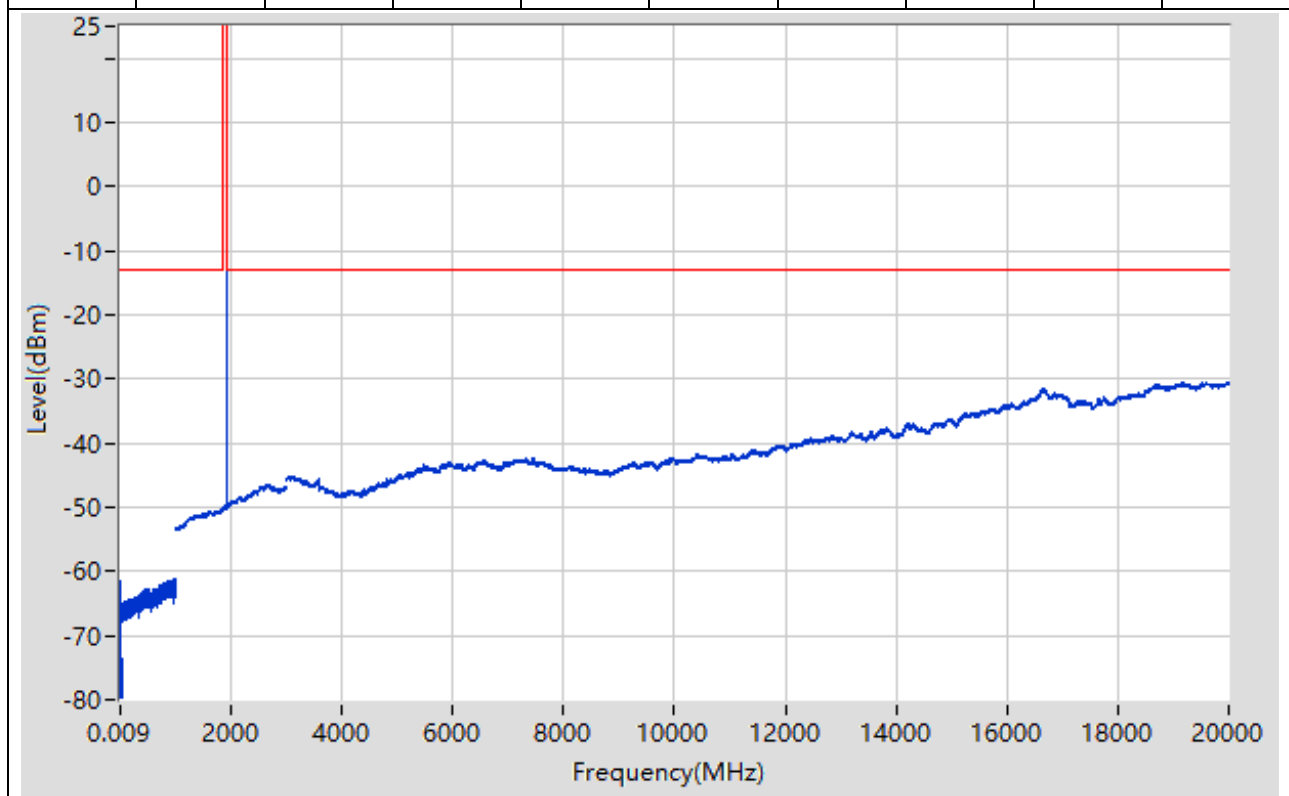
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.148	-61.9	-13	48.9	Pass	401
0.15	30	0.01	RMS	0.17	-61.78	-13	48.78	Pass	2986
30	1000	0.1	RMS	918.3	-61.03	-13	48.03	Pass	9701
1000	1840	1	RMS	1831	-50.28	-13	37.28	Pass	841
1840	1925	1	RMS	1914.8	20.06	60	39.94	Pass	401
1925	3000	1	RMS	2668	-46.36	-13	33.36	Pass	1076
3000	20000	1	RMS	19604	-30.48	-13	17.48	Pass	17001



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_High

### 21.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

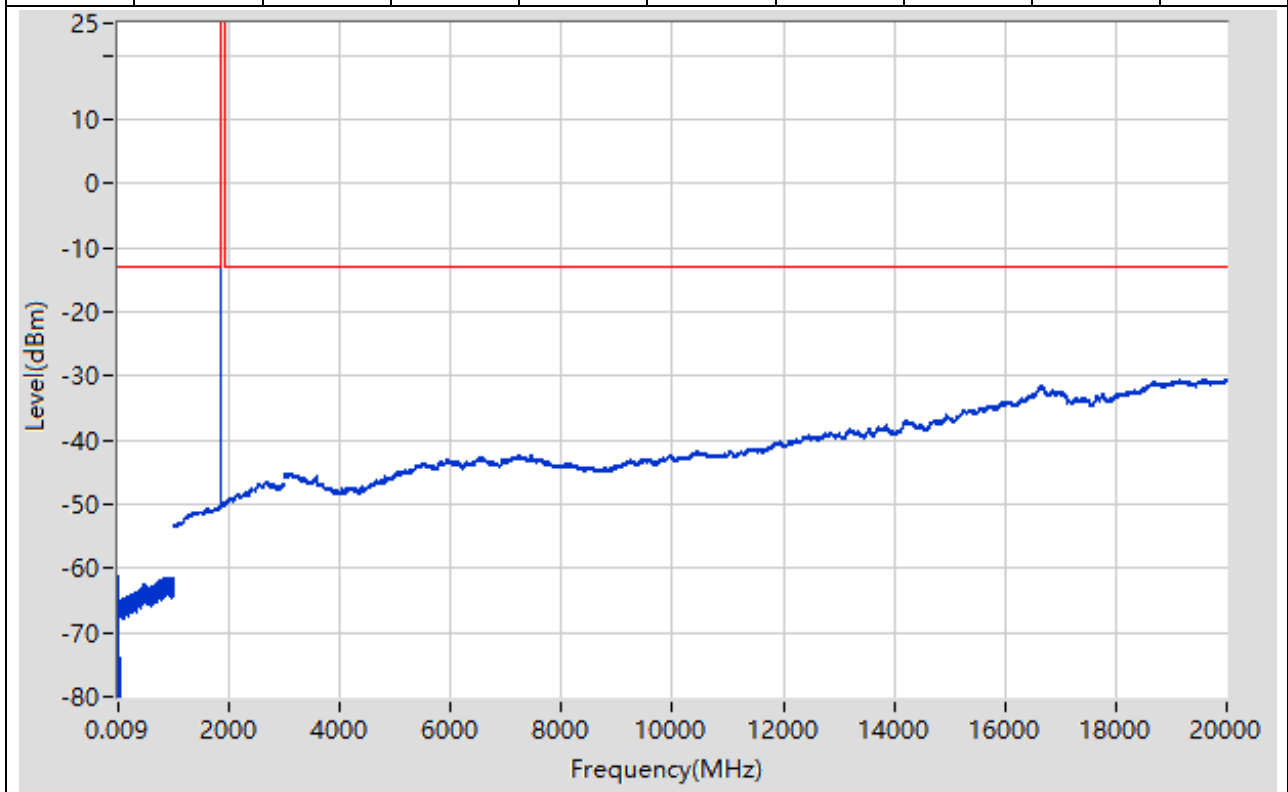
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.148	-62.32	-13	49.32	Pass	401
0.15	30	0.01	RMS	0.15	-61.44	-13	48.44	Pass	2986
30	1000	0.1	RMS	994.2	-61.24	-13	48.24	Pass	9701
1000	1840	1	RMS	1839	-50.26	-13	37.26	Pass	841
1840	1925	1	RMS	1914.8	19.99	60	40.01	Pass	401
1925	3000	1	RMS	2667	-46.39	-13	33.39	Pass	1076
3000	20000	1	RMS	19997	-30.49	-13	17.49	Pass	17001



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Low

### 21.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

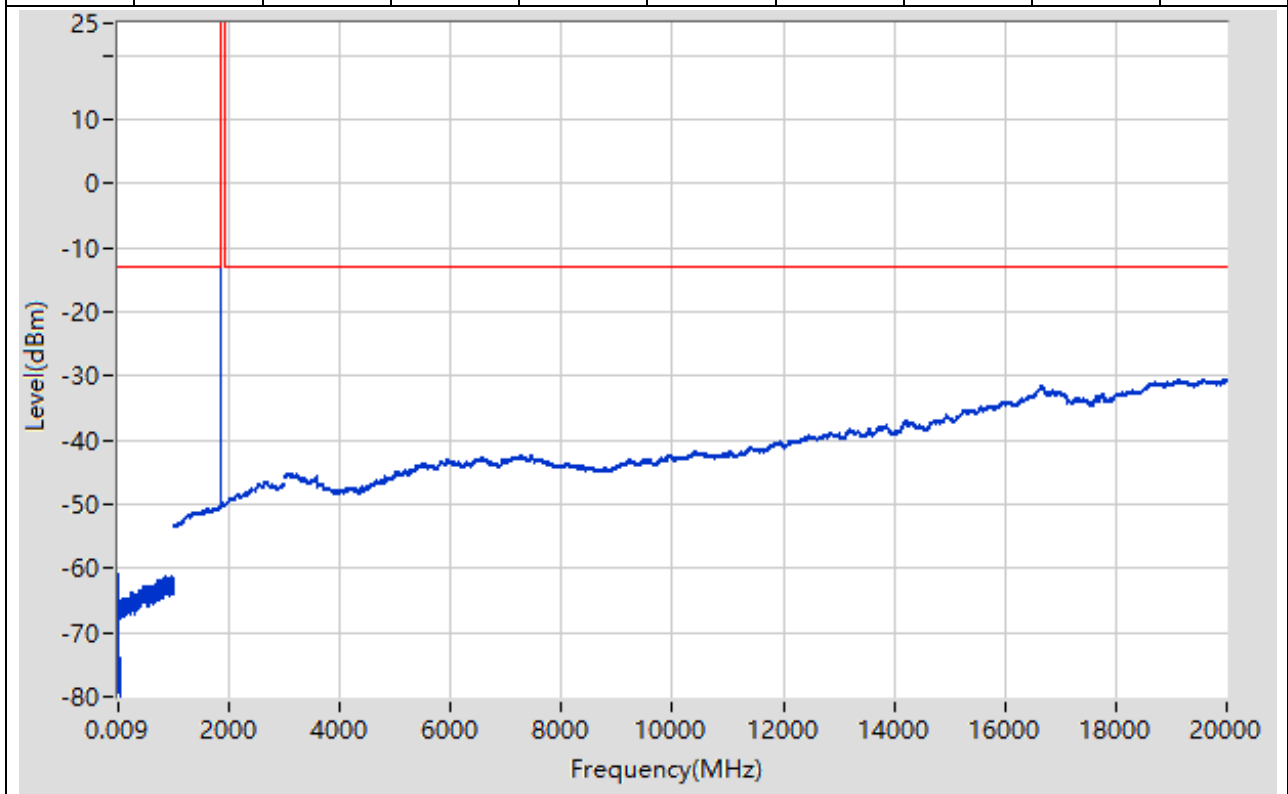
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.142	-62.61	-13	49.61	Pass	401
0.15	30	0.01	RMS	0.15	-61.13	-13	48.13	Pass	2986
30	1000	0.1	RMS	997.1	-61.34	-13	48.34	Pass	9701
1000	1840	1	RMS	1835	-50.02	-13	37.02	Pass	841
1840	1925	1	RMS	1850.625	17.97	60	42.03	Pass	401
1925	3000	1	RMS	2651	-46.42	-13	33.42	Pass	1076
3000	20000	1	RMS	19987	-30.46	-13	17.46	Pass	17001



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Low

### 21.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

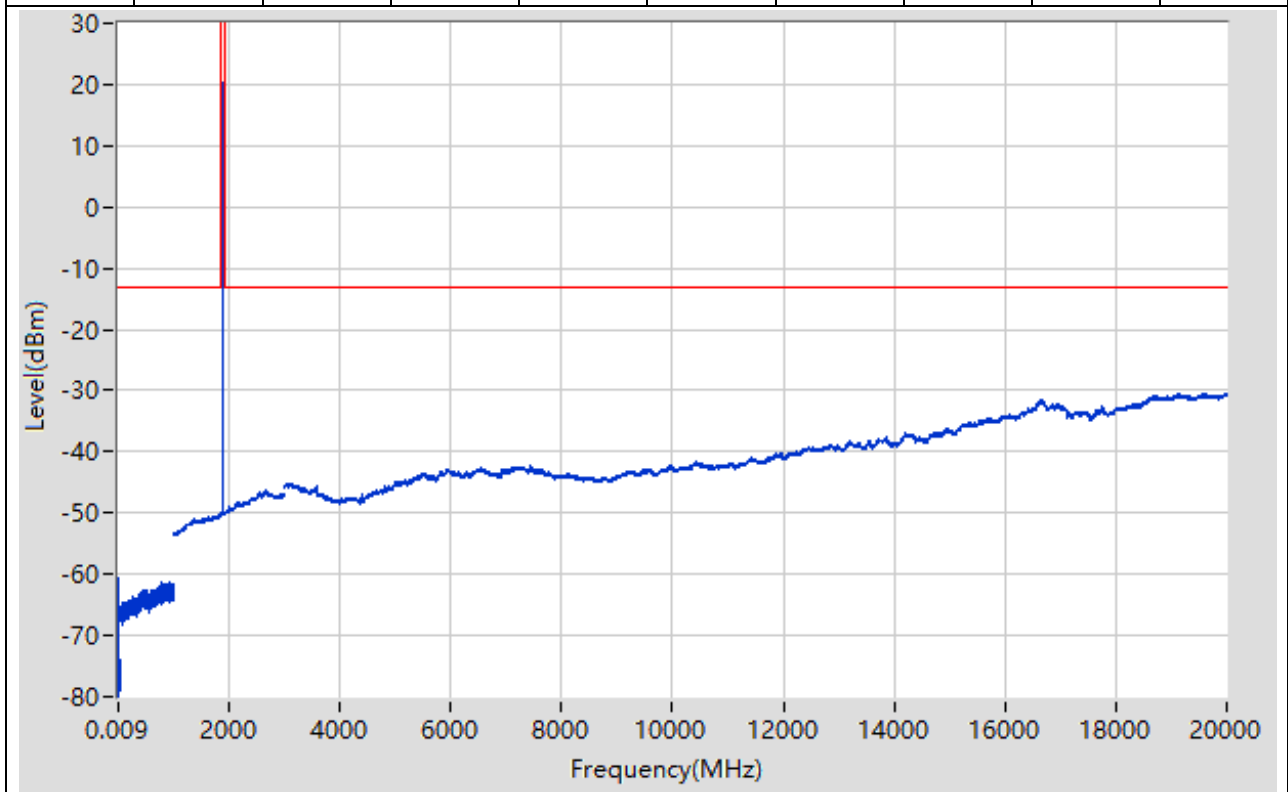
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.148	-62.37	-13	49.37	Pass	401
0.15	30	0.01	RMS	0.15	-60.98	-13	47.98	Pass	2986
30	1000	0.1	RMS	857.5	-61.28	-13	48.28	Pass	9701
1000	1840	1	RMS	1836	-49.89	-13	36.89	Pass	841
1840	1925	1	RMS	1850.413	18.93	60	41.07	Pass	401
1925	3000	1	RMS	2676	-46.39	-13	33.39	Pass	1076
3000	20000	1	RMS	19994	-30.47	-13	17.47	Pass	17001



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Mid

### 21.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

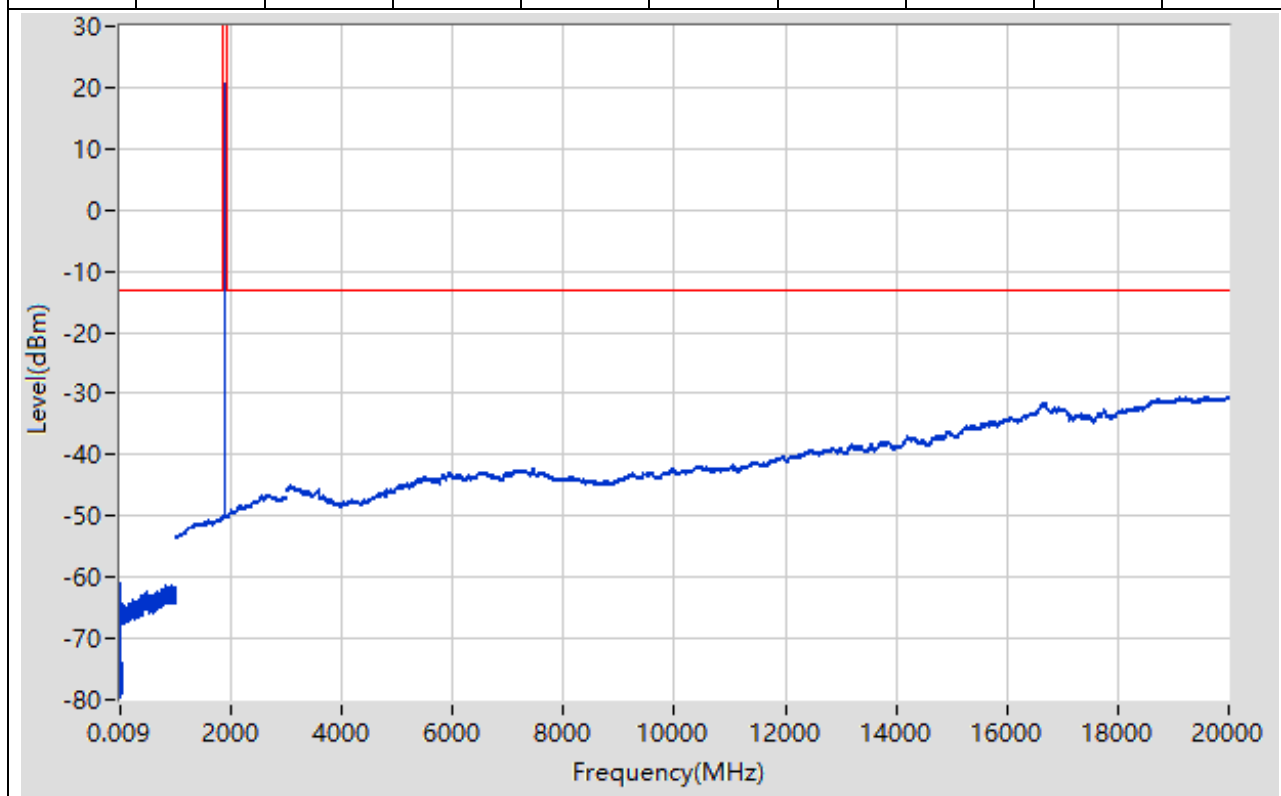
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.069	-62.44	-13	49.44	Pass	401
0.15	30	0.01	RMS	0.16	-60.5	-13	47.5	Pass	2986
30	1000	0.1	RMS	929.3	-61.21	-13	48.21	Pass	9701
1000	1840	1	RMS	1837	-50.29	-13	37.29	Pass	841
1840	1925	1	RMS	1882.288	20.44	60	39.56	Pass	401
1925	3000	1	RMS	2670	-46.37	-13	33.37	Pass	1076
3000	20000	1	RMS	19986	-30.51	-13	17.51	Pass	17001



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Mid

### 21.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

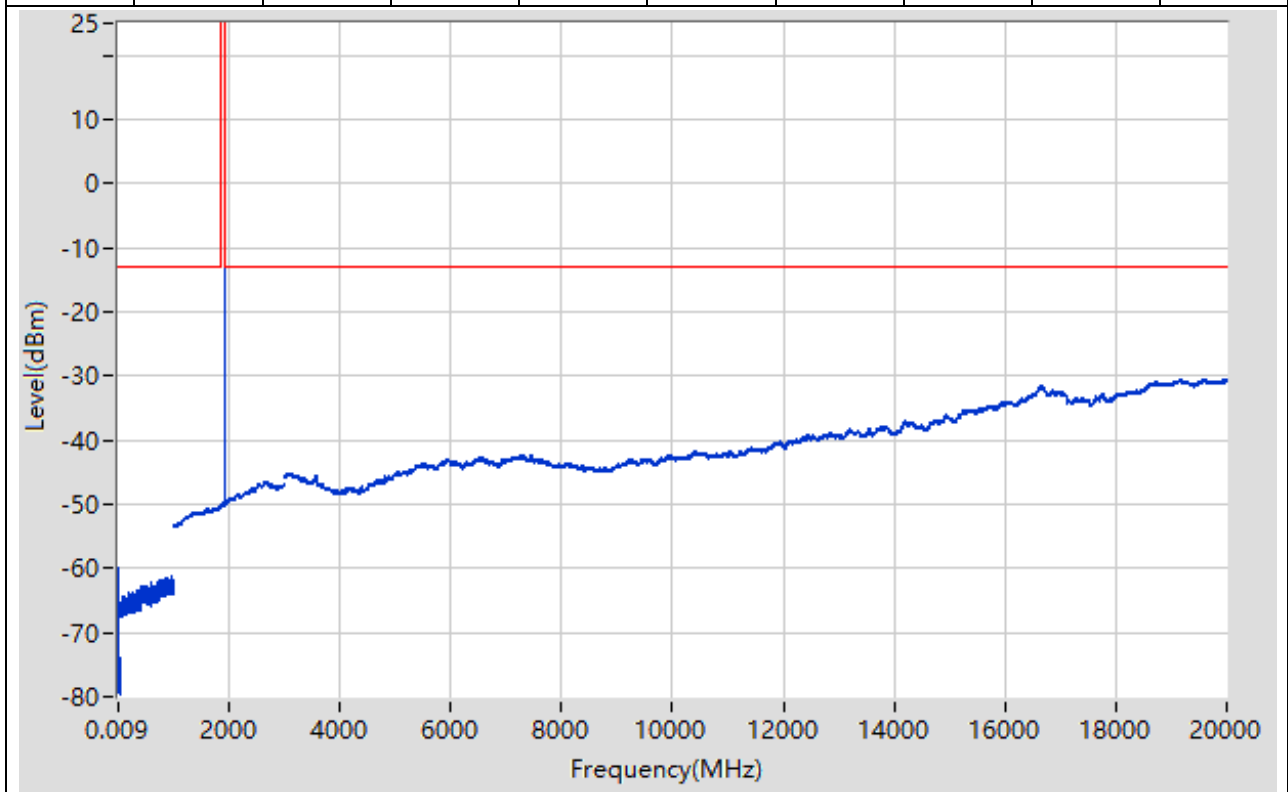
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.135	-62.26	-13	49.26	Pass	401
0.15	30	0.01	RMS	0.16	-60.9	-13	47.9	Pass	2986
30	1000	0.1	RMS	925.1	-61.28	-13	48.28	Pass	9701
1000	1840	1	RMS	1836	-50.25	-13	37.25	Pass	841
1840	1925	1	RMS	1882.5	20.67	60	39.33	Pass	401
1925	3000	1	RMS	2669	-46.46	-13	33.46	Pass	1076
3000	20000	1	RMS	19999	-30.42	-13	17.42	Pass	17001



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_High

### 21.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.134	-61.81	-13	48.81	Pass	401
0.15	30	0.01	RMS	0.15	-59.89	-13	46.89	Pass	2986
30	1000	0.1	RMS	975	-61.33	-13	48.33	Pass	9701
1000	1840	1	RMS	1838	-50.27	-13	37.27	Pass	841
1840	1925	1	RMS	1914.375	18.81	60	41.19	Pass	401
1925	3000	1	RMS	2667	-46.39	-13	33.39	Pass	1076
3000	20000	1	RMS	19976	-30.49	-13	17.49	Pass	17001

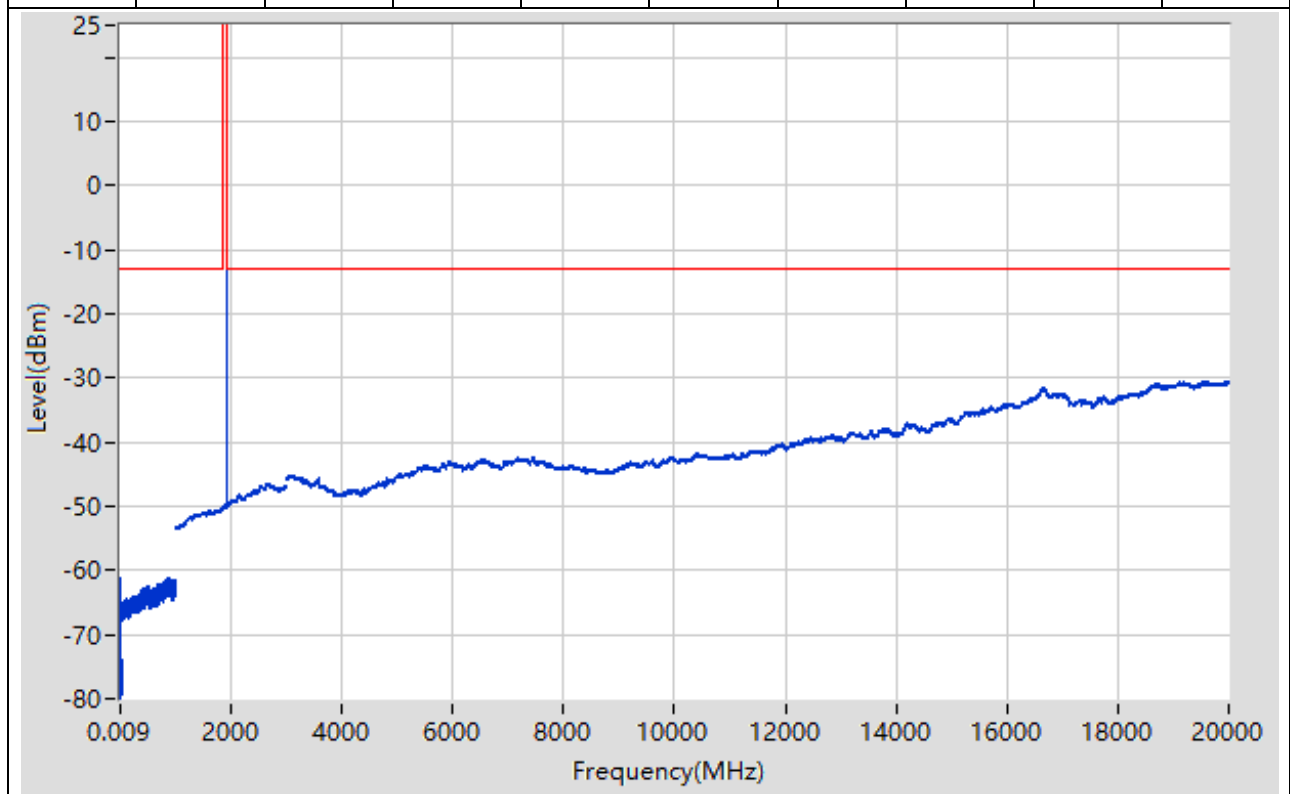




## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_High

### 21.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

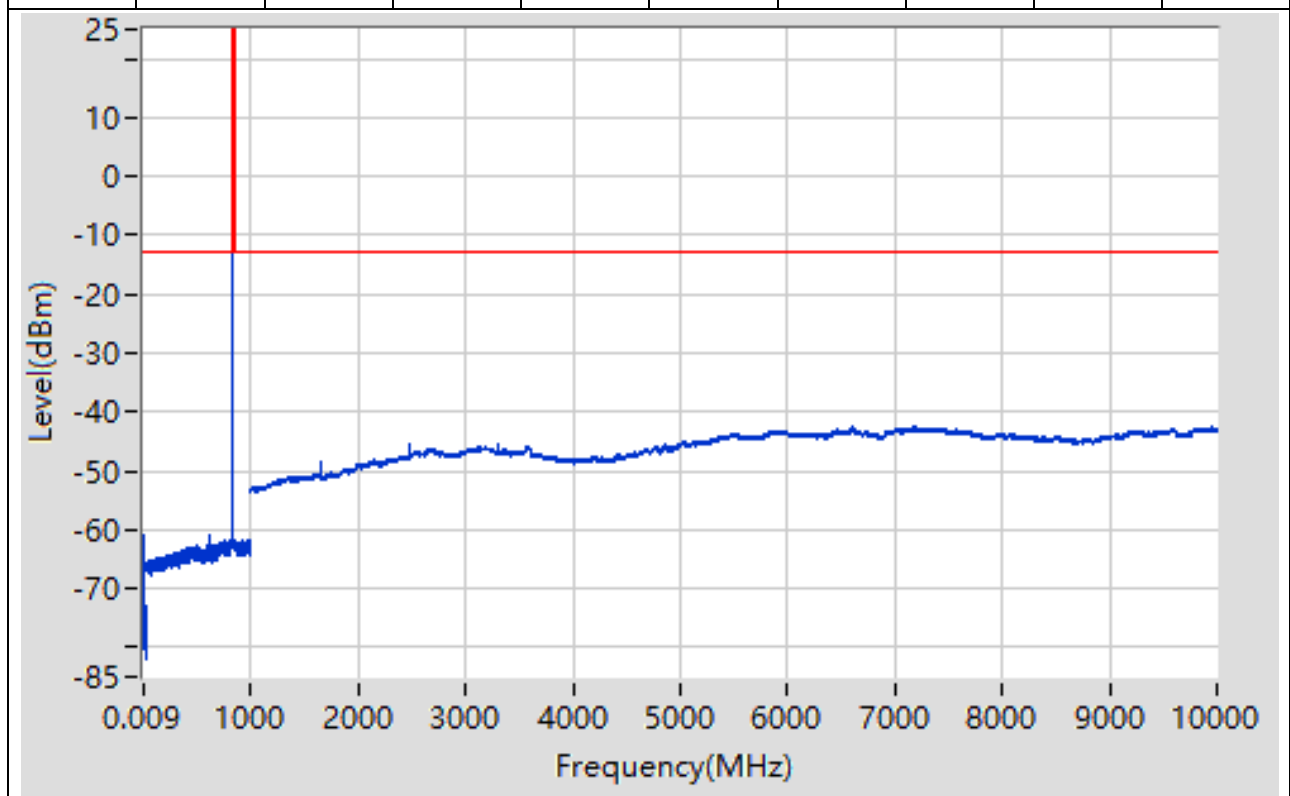
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.13	-61.25	-13	48.25	Pass	401
0.15	30	0.01	RMS	0.16	-62.24	-13	49.24	Pass	2986
30	1000	0.1	RMS	843.6	-61.19	-13	48.19	Pass	9701
1000	1840	1	RMS	1840	-50.27	-13	37.27	Pass	841
1840	1925	1	RMS	1915.225	17.43	60	42.57	Pass	401
1925	3000	1	RMS	2661	-46.37	-13	33.37	Pass	1076
3000	20000	1	RMS	19997	-30.46	-13	17.46	Pass	17001



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Low

### 22.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

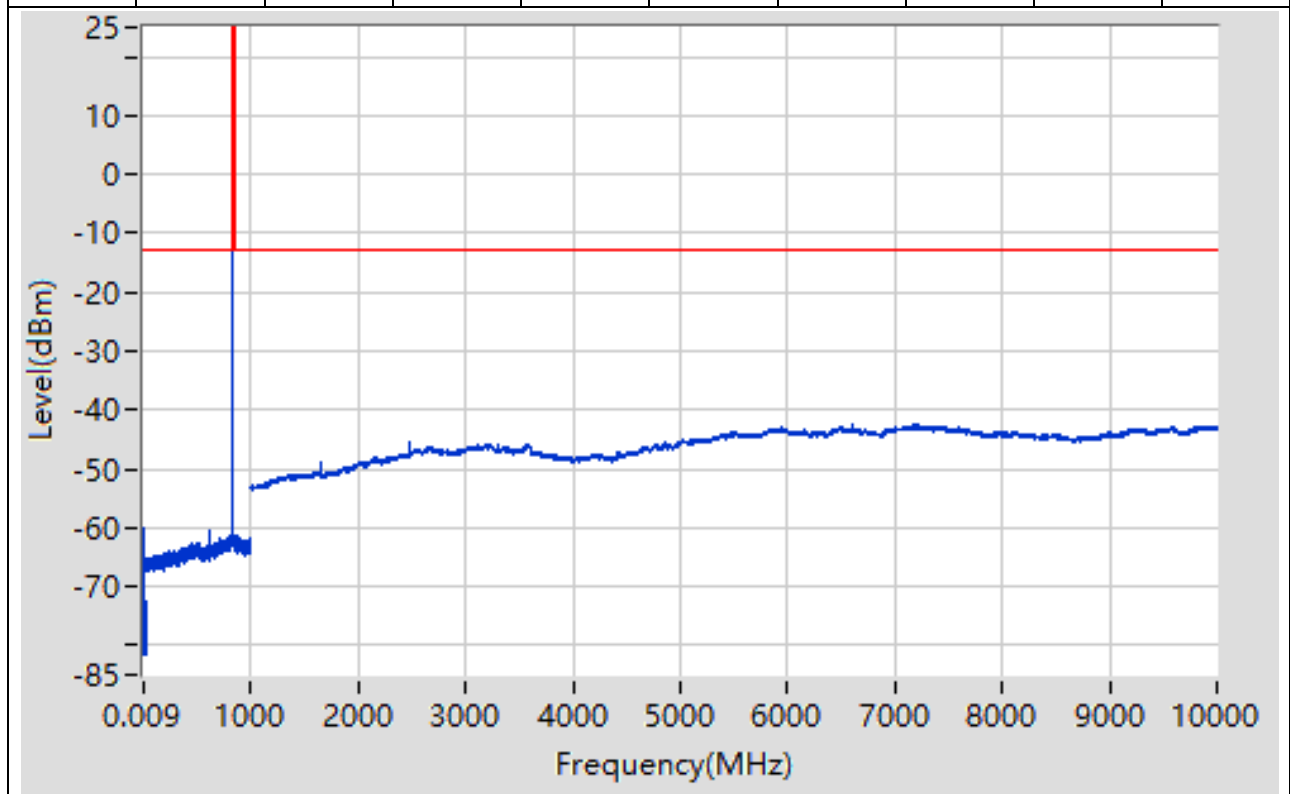
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.118	-62.17	-13	49.17	Pass	401
0.15	30	0.01	RMS	0.17	-61.11	-13	48.11	Pass	2986
30	814	0.1	RMS	608.7	-61.09	-13	48.09	Pass	7841
814	859	0.1	RMS	824.1	19.76	60	40.24	Pass	451
859	1000	0.1	RMS	995.5	-61.68	-13	48.68	Pass	1411
1000	3000	1	RMS	2472	-45.47	-13	32.47	Pass	2001
3000	10000	1	RMS	6593	-42.47	-13	29.47	Pass	7001



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Low

### 22.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

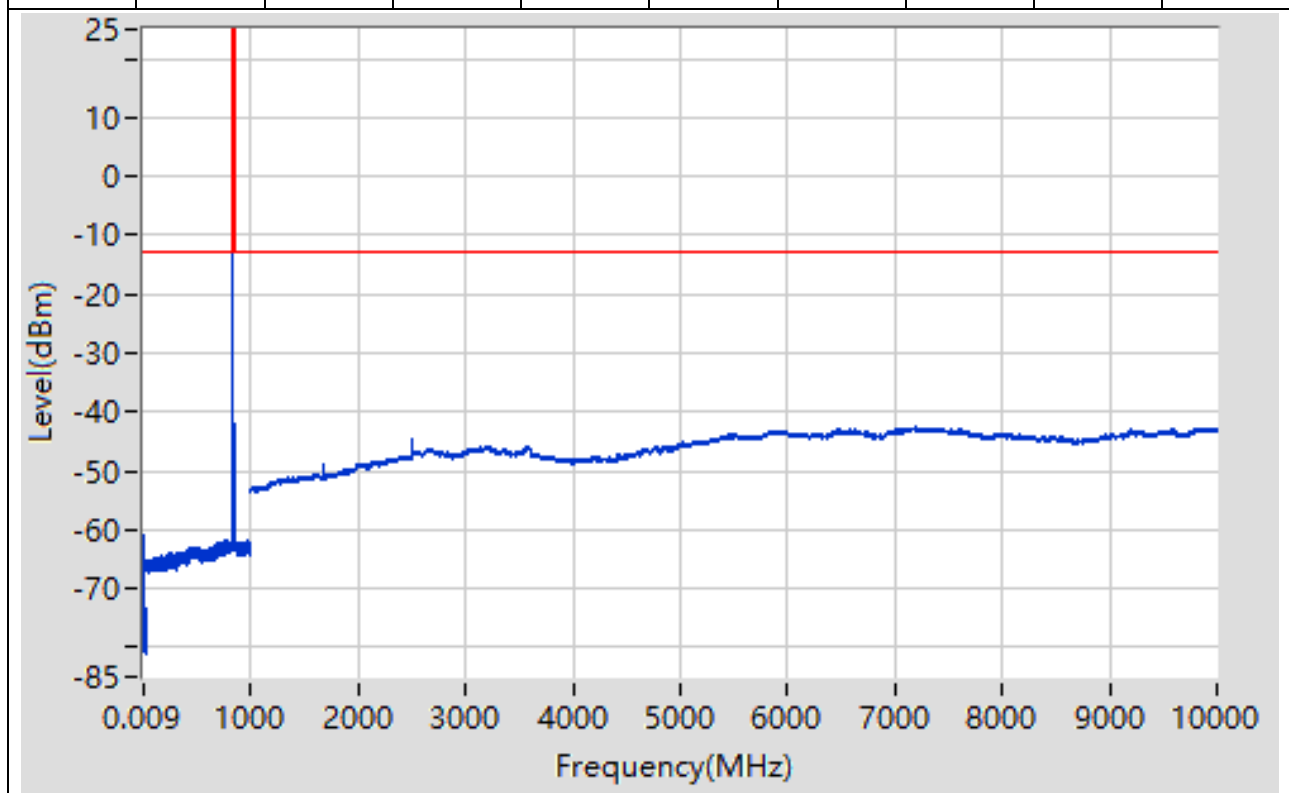
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.117	-61.59	-13	48.59	Pass	401
0.15	30	0.01	RMS	0.15	-59.95	-13	46.95	Pass	2986
30	814	0.1	RMS	608.7	-60.6	-13	47.6	Pass	7841
814	859	0.1	RMS	824.1	19.65	60	40.35	Pass	451
859	1000	0.1	RMS	879.7	-61.54	-13	48.54	Pass	1411
1000	3000	1	RMS	2472	-45.51	-13	32.51	Pass	2001
3000	10000	1	RMS	6593	-42.55	-13	29.55	Pass	7001



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Mid

### 22.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

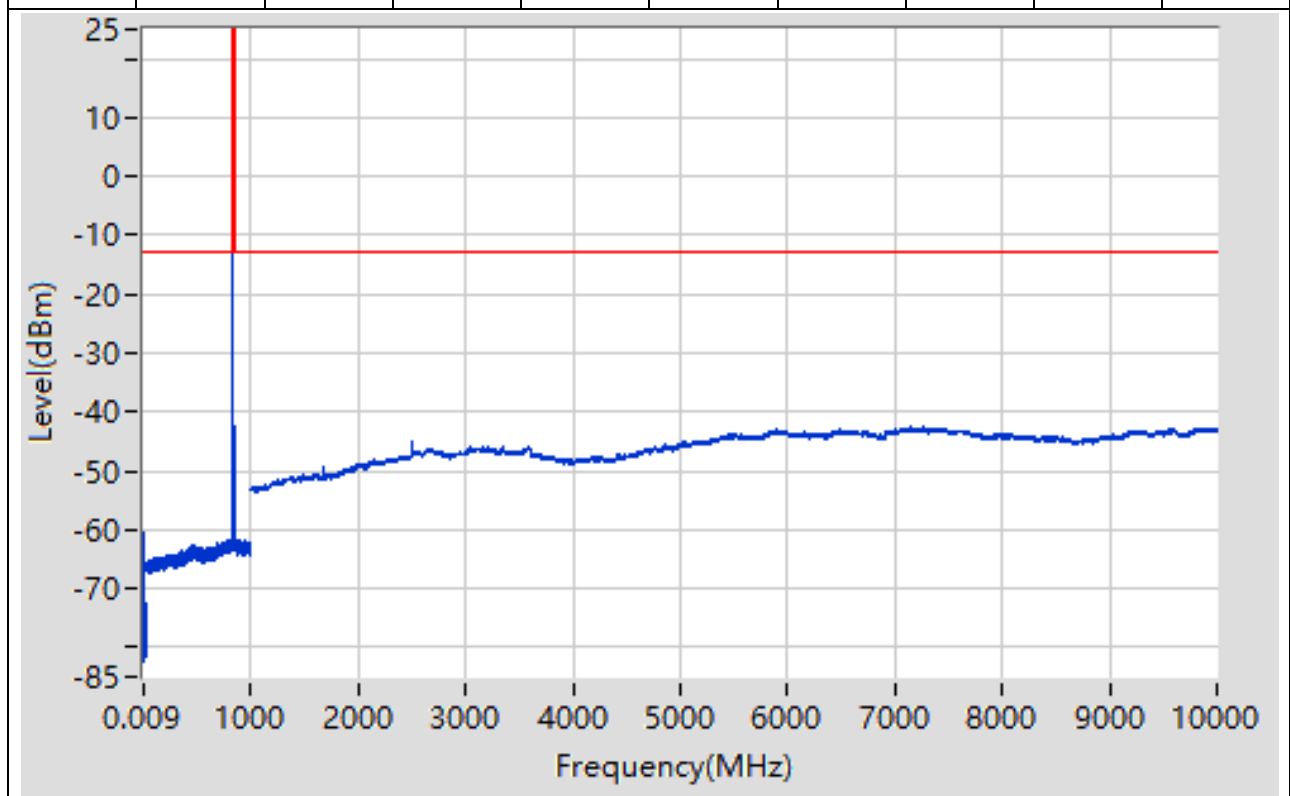
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.137	-62.29	-13	49.29	Pass	401
0.15	30	0.01	RMS	0.16	-61.02	-13	48.02	Pass	2986
30	814	0.1	RMS	787.3	-61.77	-13	48.77	Pass	7841
814	859	0.1	RMS	836.4	19.64	60	40.36	Pass	451
859	1000	0.1	RMS	961.2	-61.7	-13	48.7	Pass	1411
1000	3000	1	RMS	2509	-44.76	-13	31.76	Pass	2001
3000	10000	1	RMS	7188	-42.63	-13	29.63	Pass	7001



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Mid

### 22.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

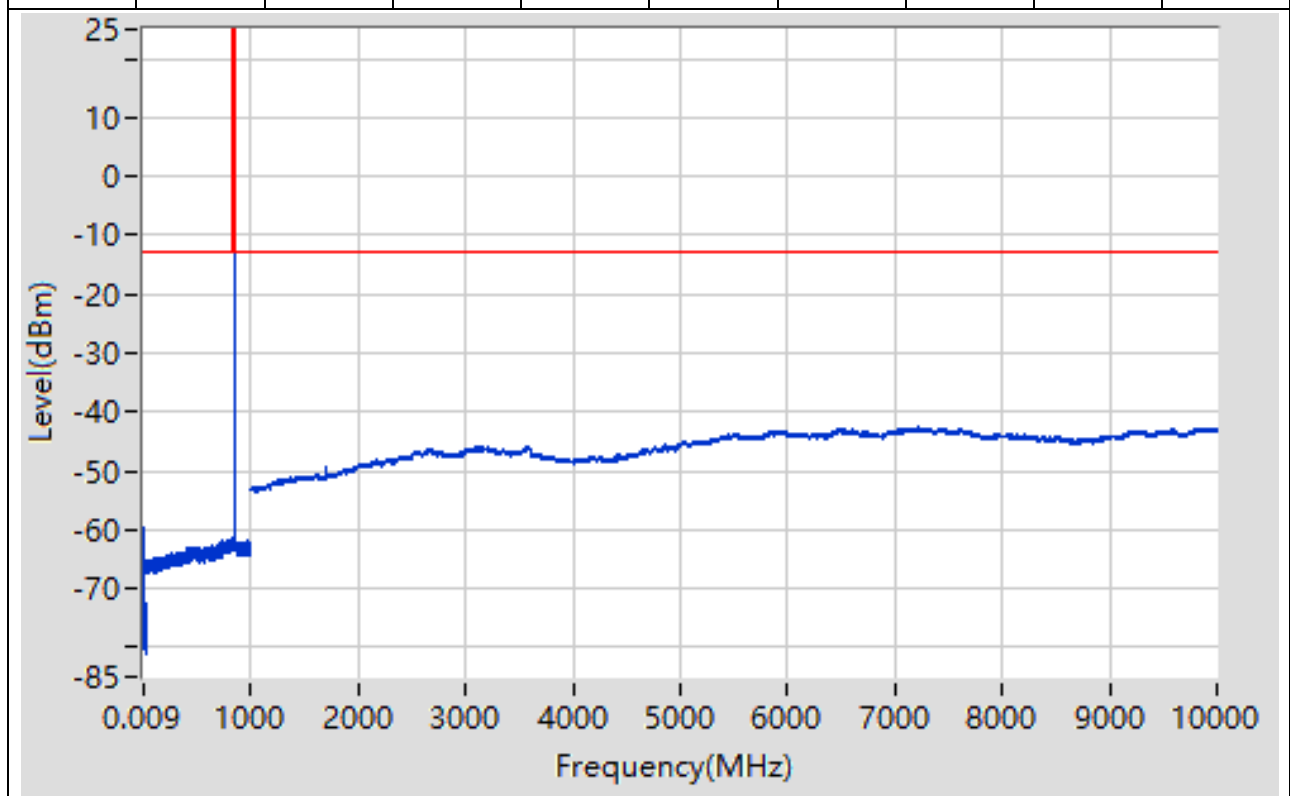
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.119	-62.1	-13	49.1	Pass	401
0.15	30	0.01	RMS	0.15	-60.61	-13	47.61	Pass	2986
30	814	0.1	RMS	812.2	-61.82	-13	48.82	Pass	7841
814	859	0.1	RMS	836.4	19.49	60	40.51	Pass	451
859	1000	0.1	RMS	860.8	-61.81	-13	48.81	Pass	1411
1000	3000	1	RMS	2509	-44.86	-13	31.86	Pass	2001
3000	10000	1	RMS	7142	-42.64	-13	29.64	Pass	7001



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_High

### 22.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

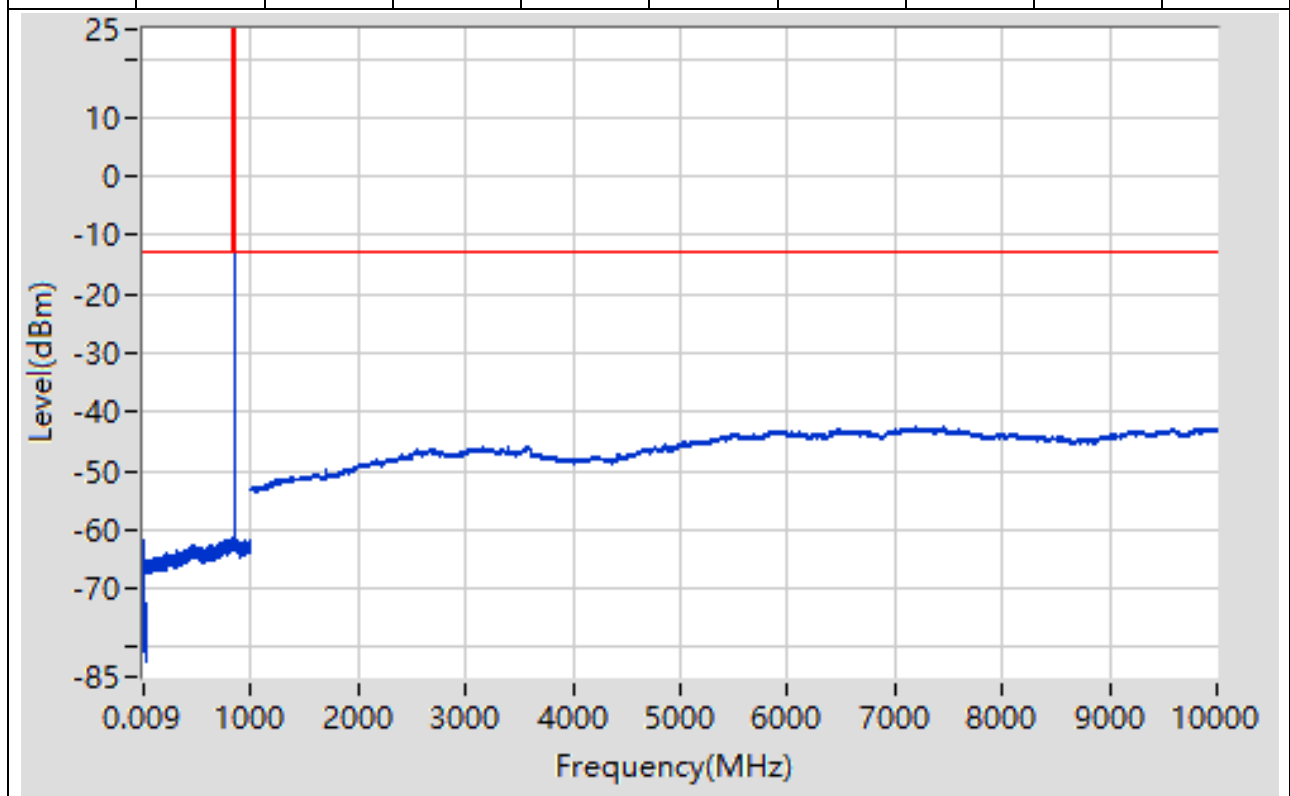
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.108	-63.35	-13	50.35	Pass	401
0.15	30	0.01	RMS	0.15	-59.49	-13	46.49	Pass	2986
30	814	0.1	RMS	801.9	-61.93	-13	48.93	Pass	7841
814	859	0.1	RMS	848.7	19.9	60	40.1	Pass	451
859	1000	0.1	RMS	859	-61.04	-13	48.04	Pass	1411
1000	3000	1	RMS	2663	-46.27	-13	33.27	Pass	2001
3000	10000	1	RMS	7208	-42.59	-13	29.59	Pass	7001



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_High

### 22.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

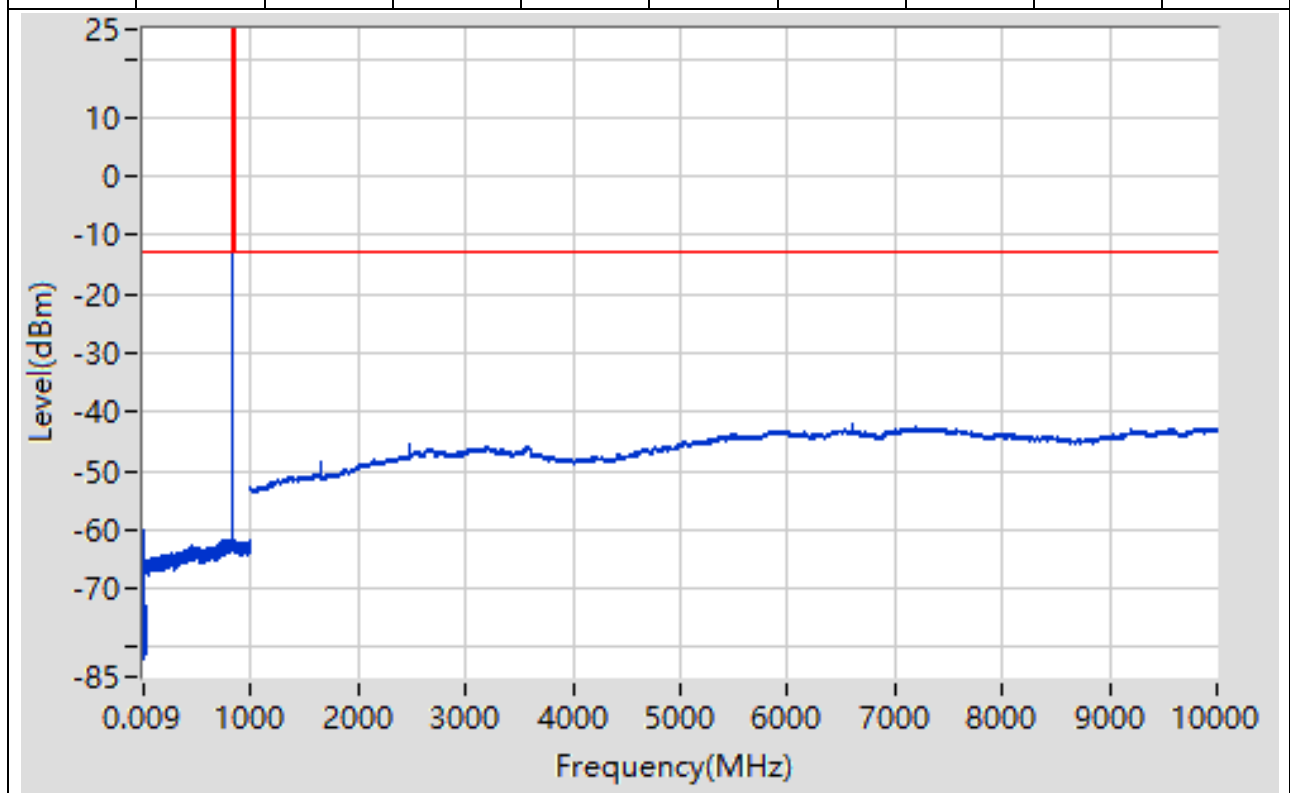
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.072	-62.48	-13	49.48	Pass	401
0.15	30	0.01	RMS	0.17	-61.72	-13	48.72	Pass	2986
30	814	0.1	RMS	785.8	-61.66	-13	48.66	Pass	7841
814	859	0.1	RMS	848.7	19.72	60	40.28	Pass	451
859	1000	0.1	RMS	859	-61.02	-13	48.02	Pass	1411
1000	3000	1	RMS	2657	-46.3	-13	33.3	Pass	2001
3000	10000	1	RMS	7442	-42.64	-13	29.64	Pass	7001



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Low

### 22.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	0.107	-62.29	-13	49.29	Pass	401
0.15	30	0.01	RMS	0.15	-60.05	-13	47.05	Pass	2986
30	814	0.1	RMS	811.6	-61.89	-13	48.89	Pass	7841
814	859	0.1	RMS	824.1	19.92	60	40.08	Pass	451
859	1000	0.1	RMS	981.5	-61.93	-13	48.93	Pass	1411
1000	3000	1	RMS	2472	-45.28	-13	32.28	Pass	2001
3000	10000	1	RMS	6593	-42.18	-13	29.18	Pass	7001

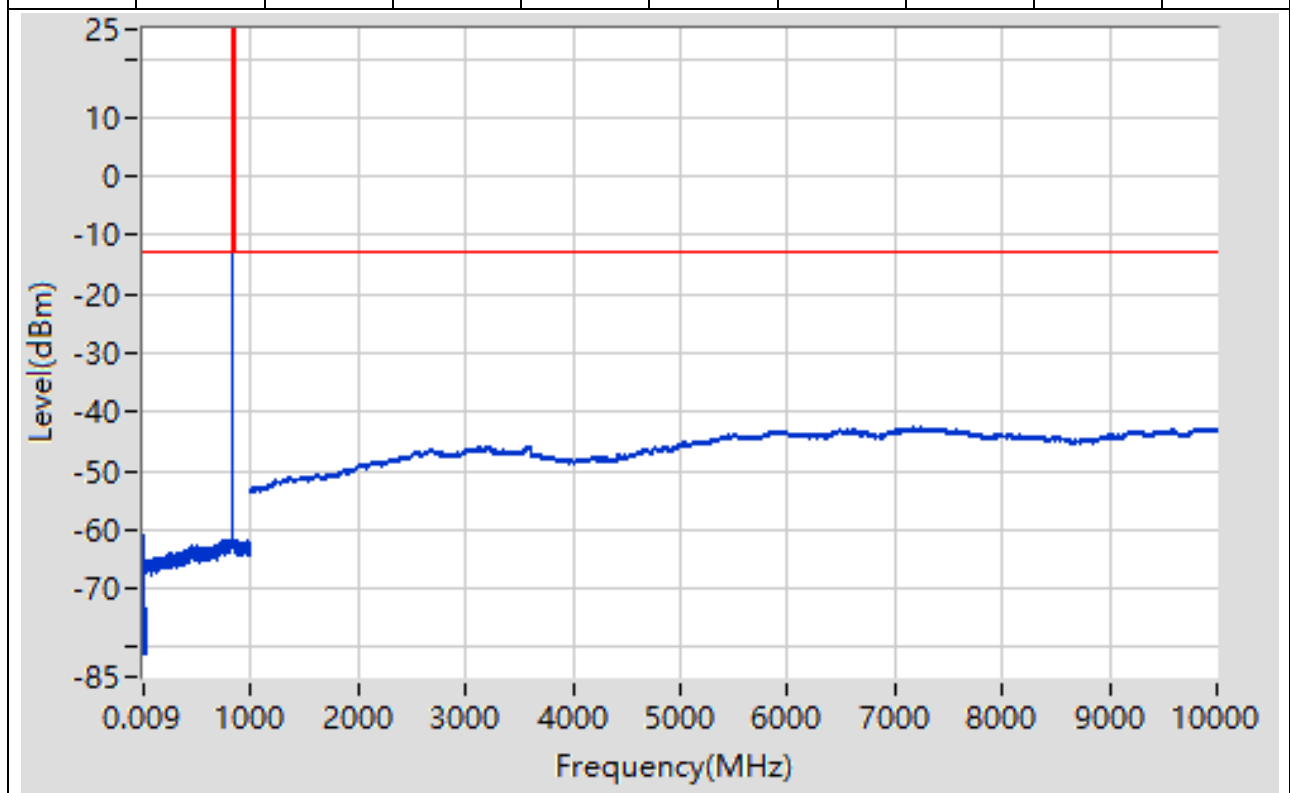




## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Low

### 22.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

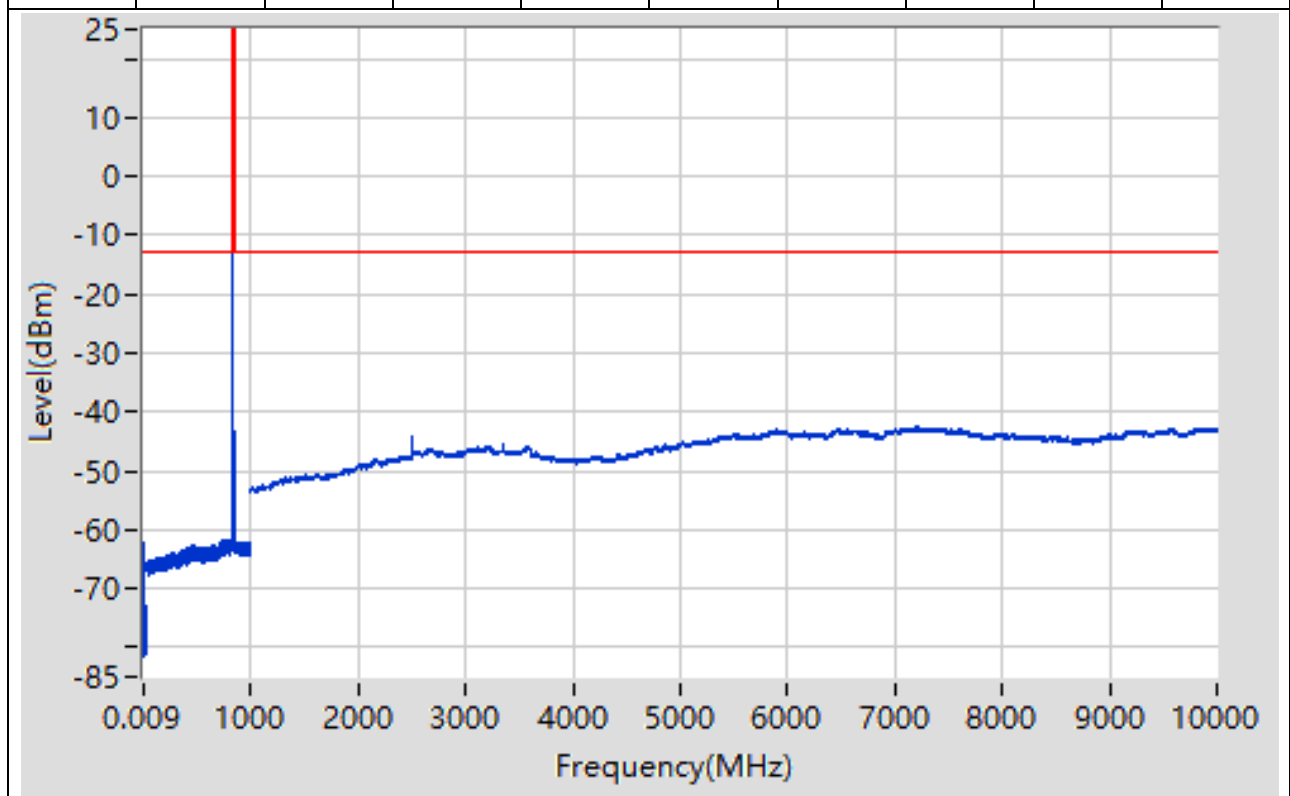
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.124	-61.88	-13	48.88	Pass	401
0.15	30	0.01	RMS	0.2	-60.99	-13	47.99	Pass	2986
30	814	0.1	RMS	743.6	-61.71	-13	48.71	Pass	7841
814	859	0.1	RMS	824.1	19.7	60	40.3	Pass	451
859	1000	0.1	RMS	871.1	-61.7	-13	48.7	Pass	1411
1000	3000	1	RMS	2662	-46.29	-13	33.29	Pass	2001
3000	10000	1	RMS	7178	-42.63	-13	29.63	Pass	7001



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Mid

### 22.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

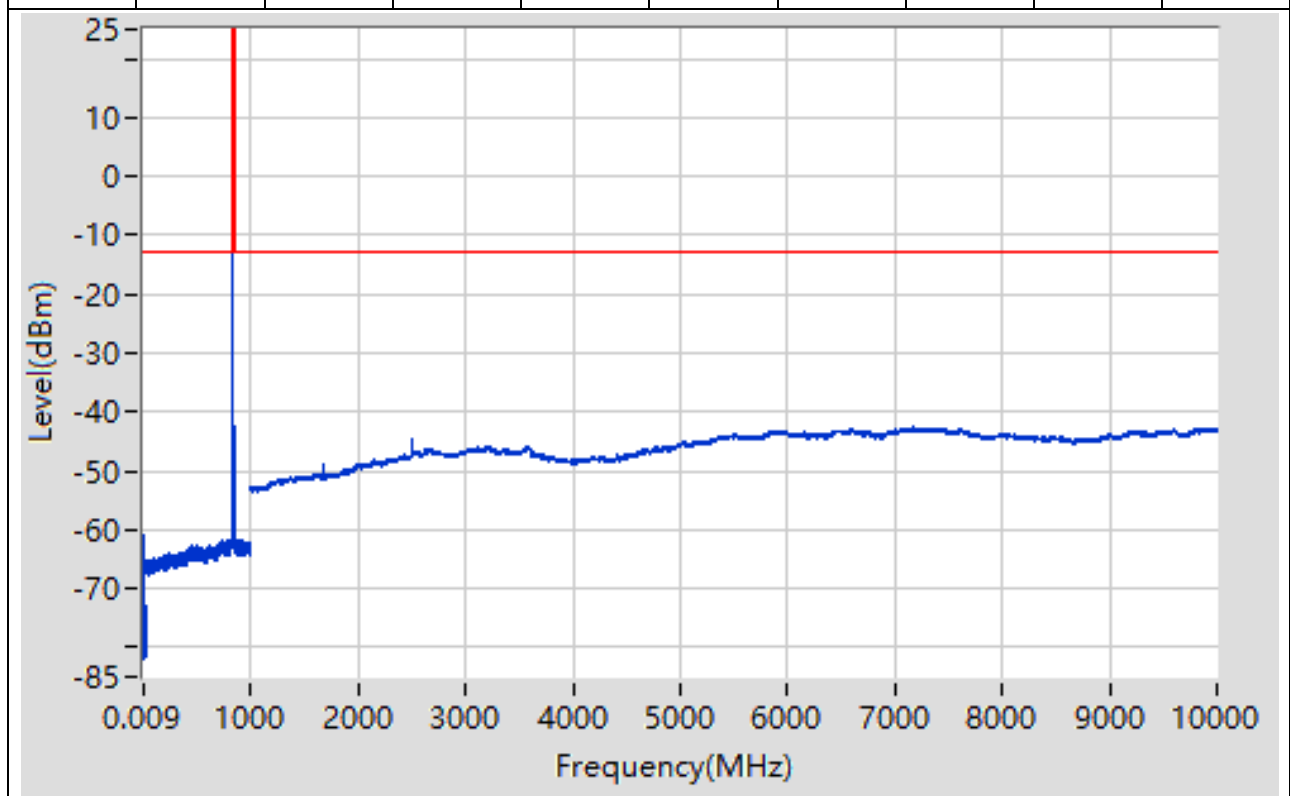
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.123	-62.13	-13	49.13	Pass	401
0.15	30	0.01	RMS	0.15	-62.22	-13	49.22	Pass	2986
30	814	0.1	RMS	802	-61.84	-13	48.84	Pass	7841
814	859	0.1	RMS	836.4	18.64	60	41.36	Pass	451
859	1000	0.1	RMS	877.2	-62.02	-13	49.02	Pass	1411
1000	3000	1	RMS	2509	-44.36	-13	31.36	Pass	2001
3000	10000	1	RMS	7209	-42.59	-13	29.59	Pass	7001



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Mid

### 22.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

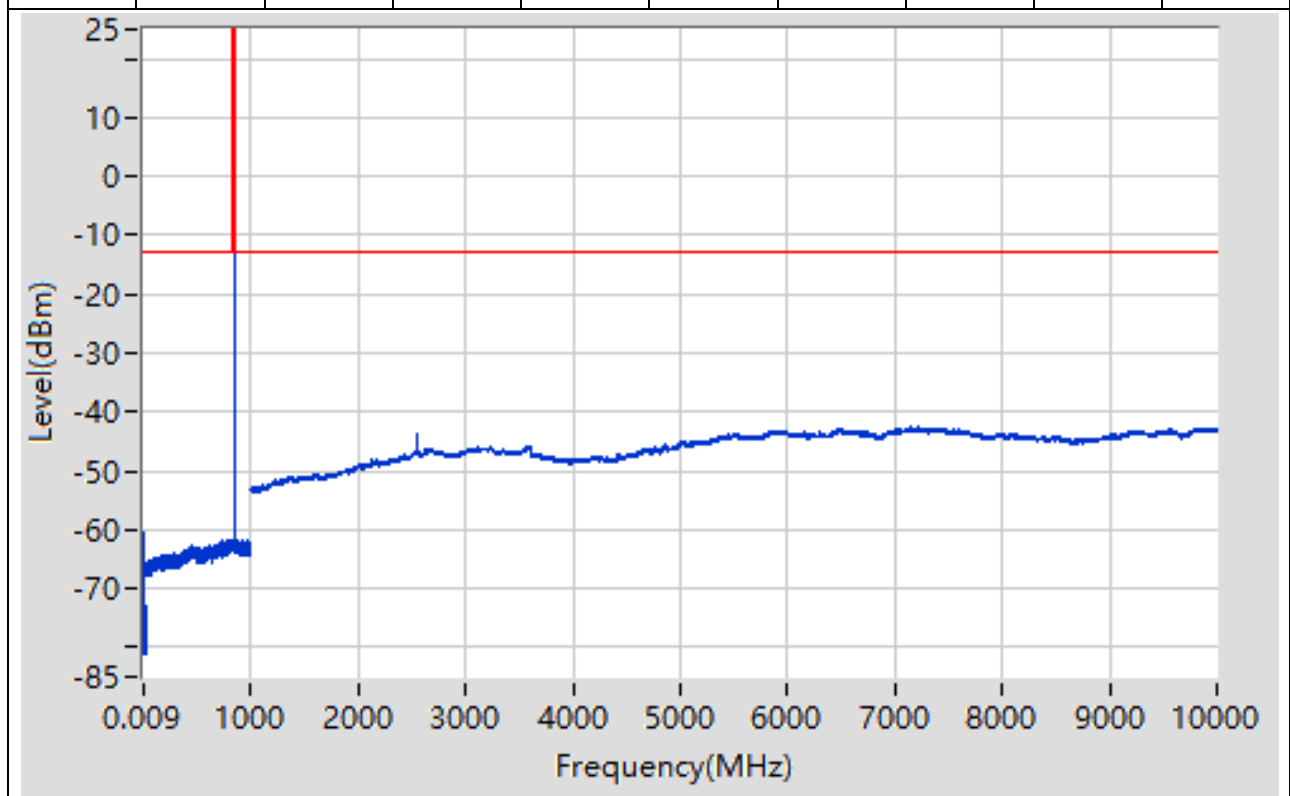
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.122	-61.03	-13	48.03	Pass	401
0.15	30	0.01	RMS	0.15	-61.06	-13	48.06	Pass	2986
30	814	0.1	RMS	801.5	-61.83	-13	48.83	Pass	7841
814	859	0.1	RMS	836.4	19.83	60	40.17	Pass	451
859	1000	0.1	RMS	865.2	-61.84	-13	48.84	Pass	1411
1000	3000	1	RMS	2509	-44.41	-13	31.41	Pass	2001
3000	10000	1	RMS	7180	-42.6	-13	29.6	Pass	7001



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_High

### 22.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

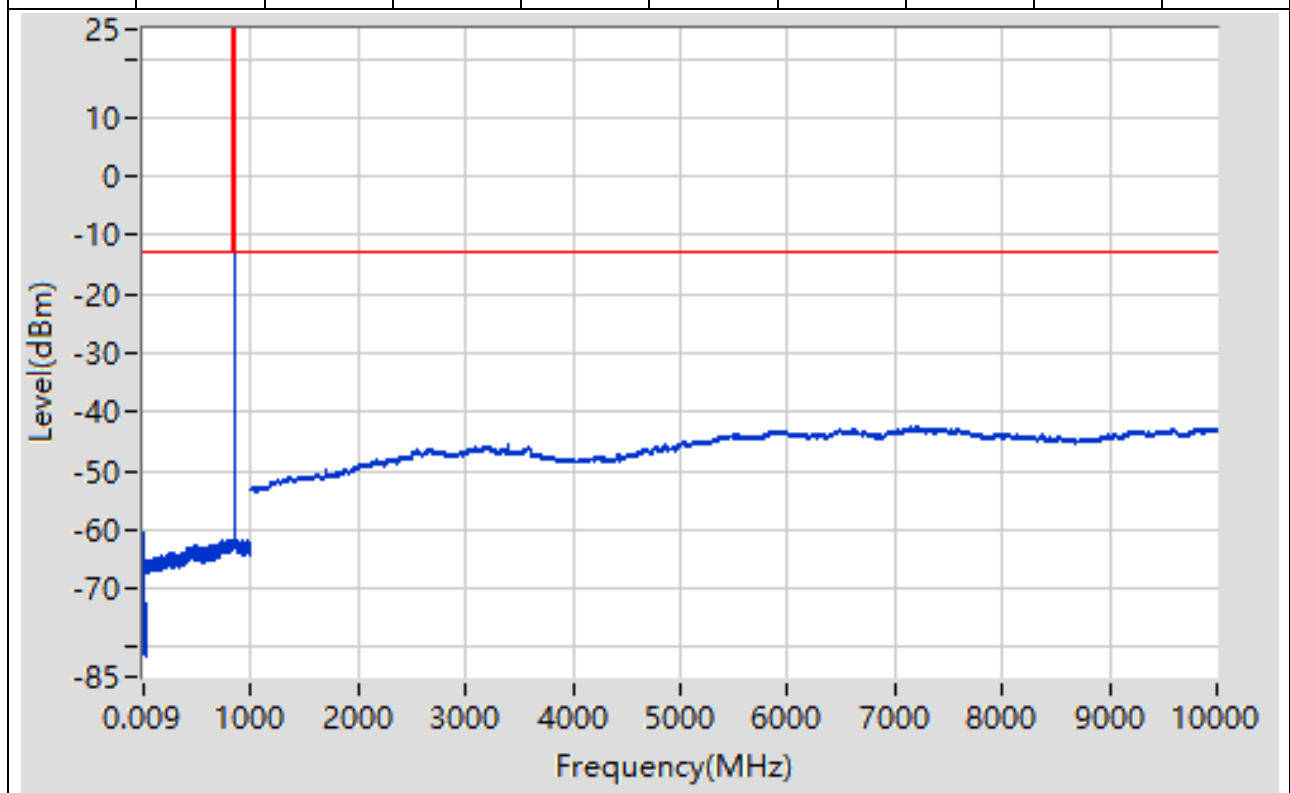
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.142	-62.3	-13	49.3	Pass	401
0.15	30	0.01	RMS	0.16	-60.69	-13	47.69	Pass	2986
30	814	0.1	RMS	773.4	-61.79	-13	48.79	Pass	7841
814	859	0.1	RMS	848.7	19.95	60	40.05	Pass	451
859	1000	0.1	RMS	860.3	-61.83	-13	48.83	Pass	1411
1000	3000	1	RMS	2546	-43.84	-13	30.84	Pass	2001
3000	10000	1	RMS	7156	-42.63	-13	29.63	Pass	7001



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_High

### 22.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

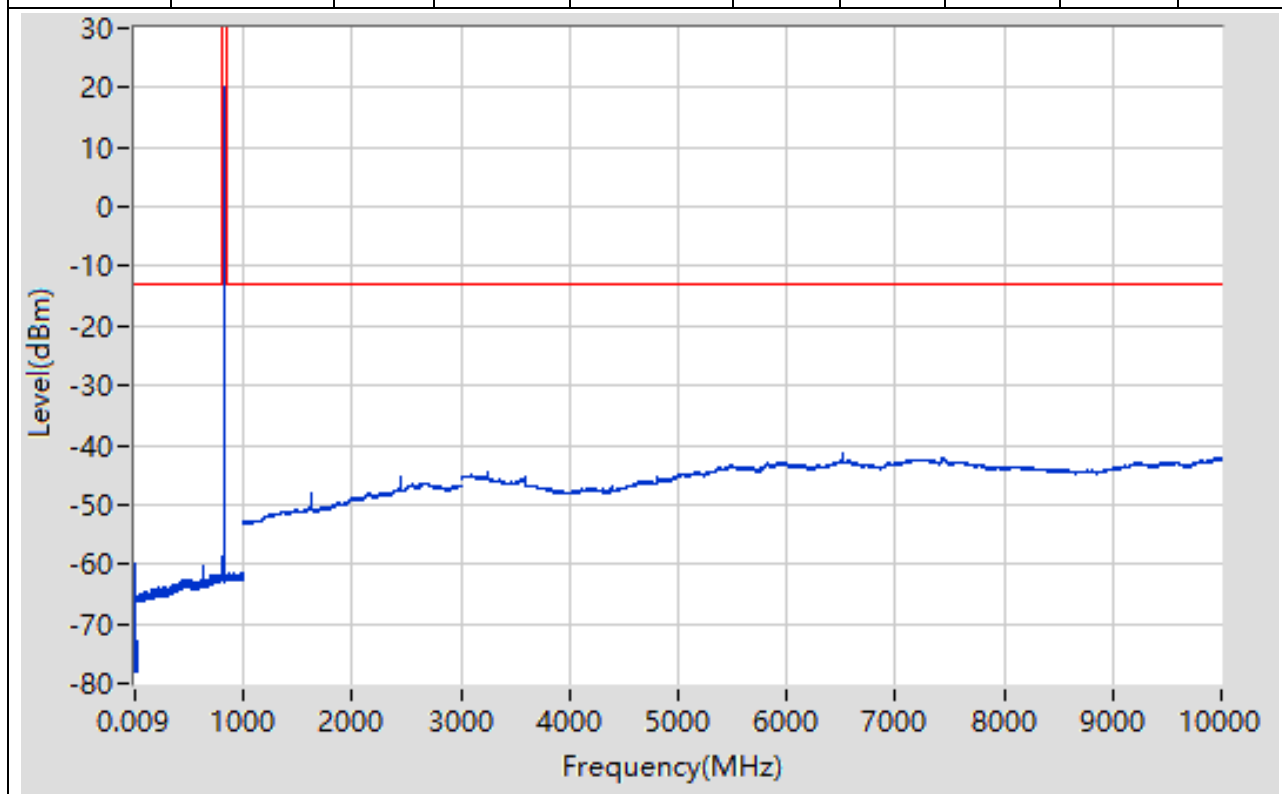
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.123	-62.98	-13	49.98	Pass	401
0.15	30	0.01	RMS	0.15	-60.65	-13	47.65	Pass	2986
30	814	0.1	RMS	807.4	-61.8	-13	48.8	Pass	7841
814	859	0.1	RMS	848.7	19.9	60	40.1	Pass	451
859	1000	0.1	RMS	859	-61.07	-13	48.07	Pass	1411
1000	3000	1	RMS	2649	-46.3	-13	33.3	Pass	2001
3000	10000	1	RMS	7199	-42.56	-13	29.56	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Low

### 23.1. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

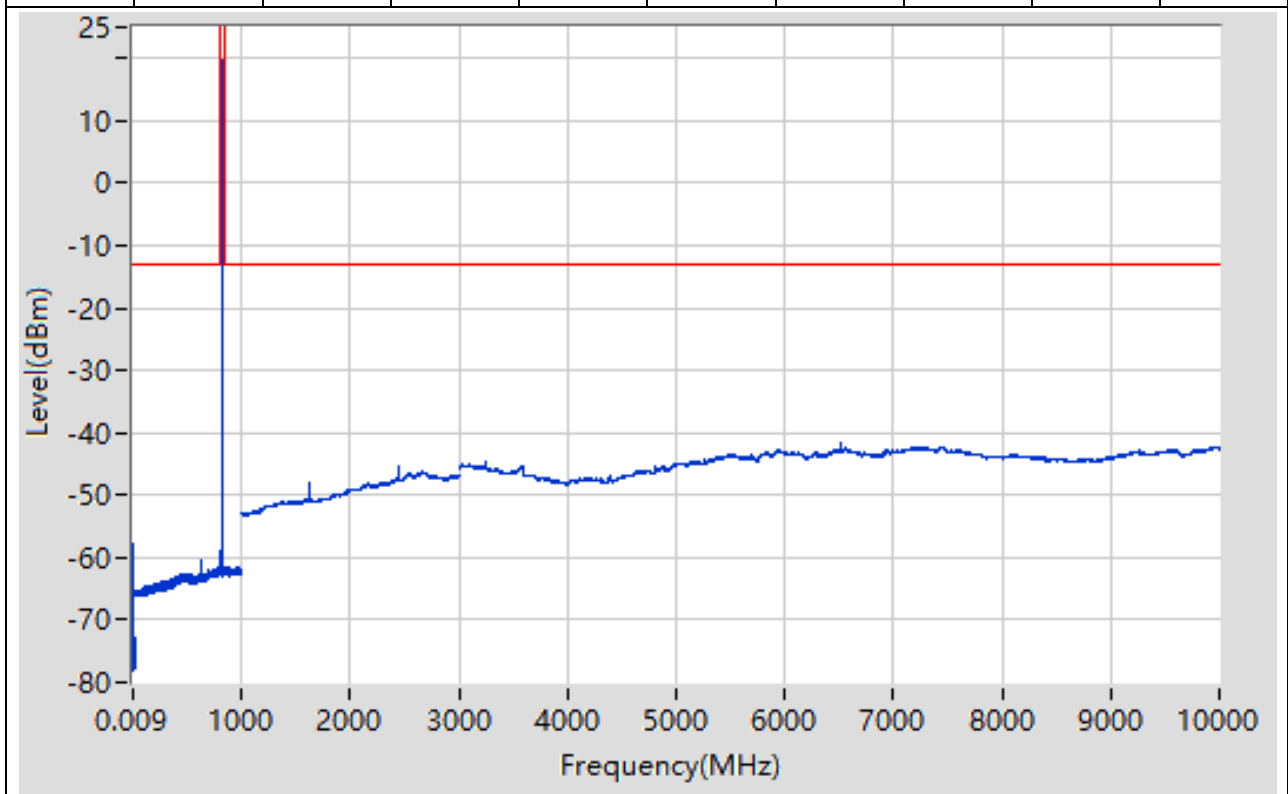
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.076	-63.61	-13	50.61	Pass	401
0.15	30	0.01	RMS	0.15	-59.85	-13	46.85	Pass	2986
30	804	0.1	RMS	622	-60.12	-13	47.12	Pass	7741
804	834	0.1	RMS	814.125	20.12	60	39.88	Pass	401
834	1000	0.1	RMS	871.9	-61.49	-13	48.49	Pass	1661
1000	3000	1	RMS	2442	-45.3	-13	32.3	Pass	2001
3000	10000	1	RMS	6513	-41.27	-13	28.27	Pass	7001



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Low

### 23.2. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

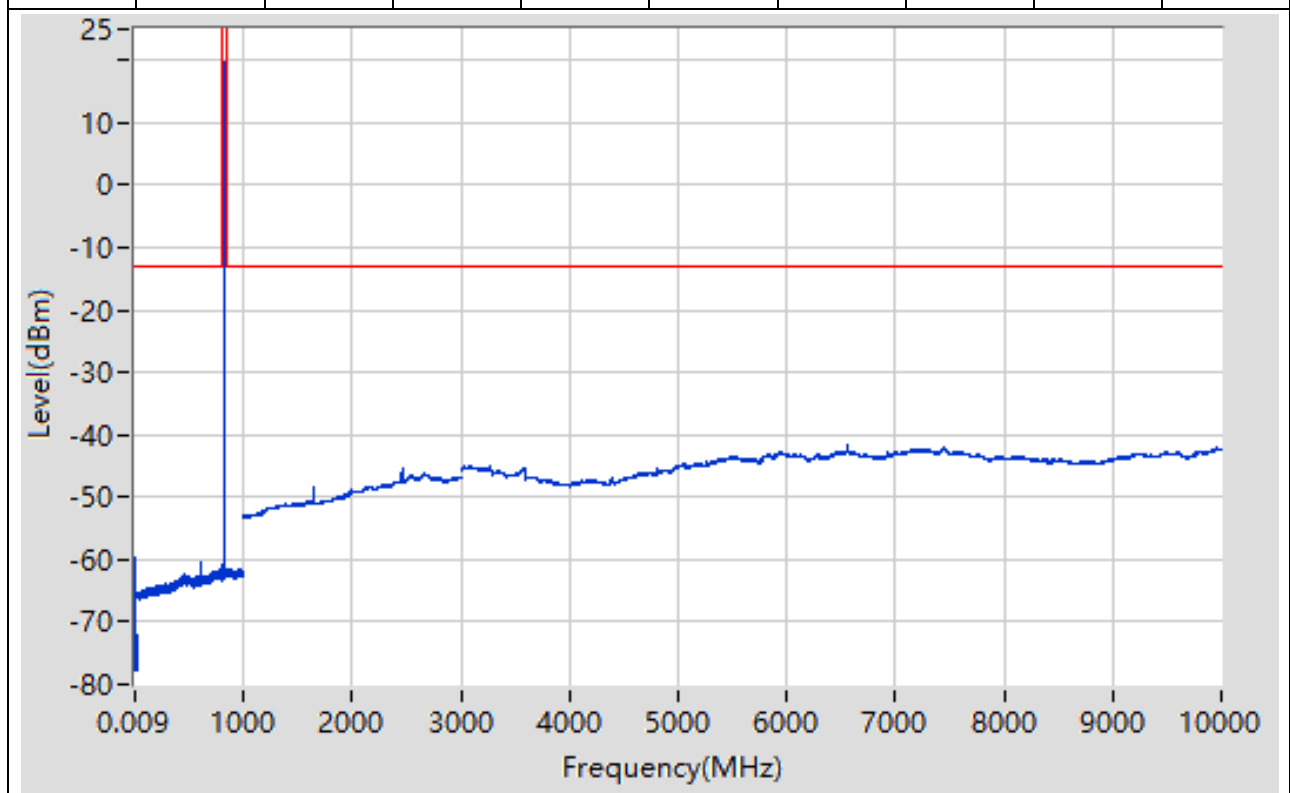
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.111	-63.67	-13	50.67	Pass	401
0.15	30	0.01	RMS	0.16	-57.98	-13	44.98	Pass	2986
30	804	0.1	RMS	622	-60.44	-13	47.44	Pass	7741
804	834	0.1	RMS	814.125	19.77	60	40.23	Pass	401
834	1000	0.1	RMS	962.4	-61.48	-13	48.48	Pass	1661
1000	3000	1	RMS	2442	-45.51	-13	32.51	Pass	2001
3000	10000	1	RMS	6513	-41.6	-13	28.6	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Mid

### 23.3. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

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	0.143	-63.2	-13	50.2	Pass	401
0.15	30	0.01	RMS	0.15	-59.82	-13	46.82	Pass	2986
30	804	0.1	RMS	615.6	-60.31	-13	47.31	Pass	7741
804	834	0.1	RMS	818.925	19.69	60	40.31	Pass	401
834	1000	0.1	RMS	890.6	-61.47	-13	48.47	Pass	1661
1000	3000	1	RMS	2457	-45.39	-13	32.39	Pass	2001
3000	10000	1	RMS	6551	-41.58	-13	28.58	Pass	7001

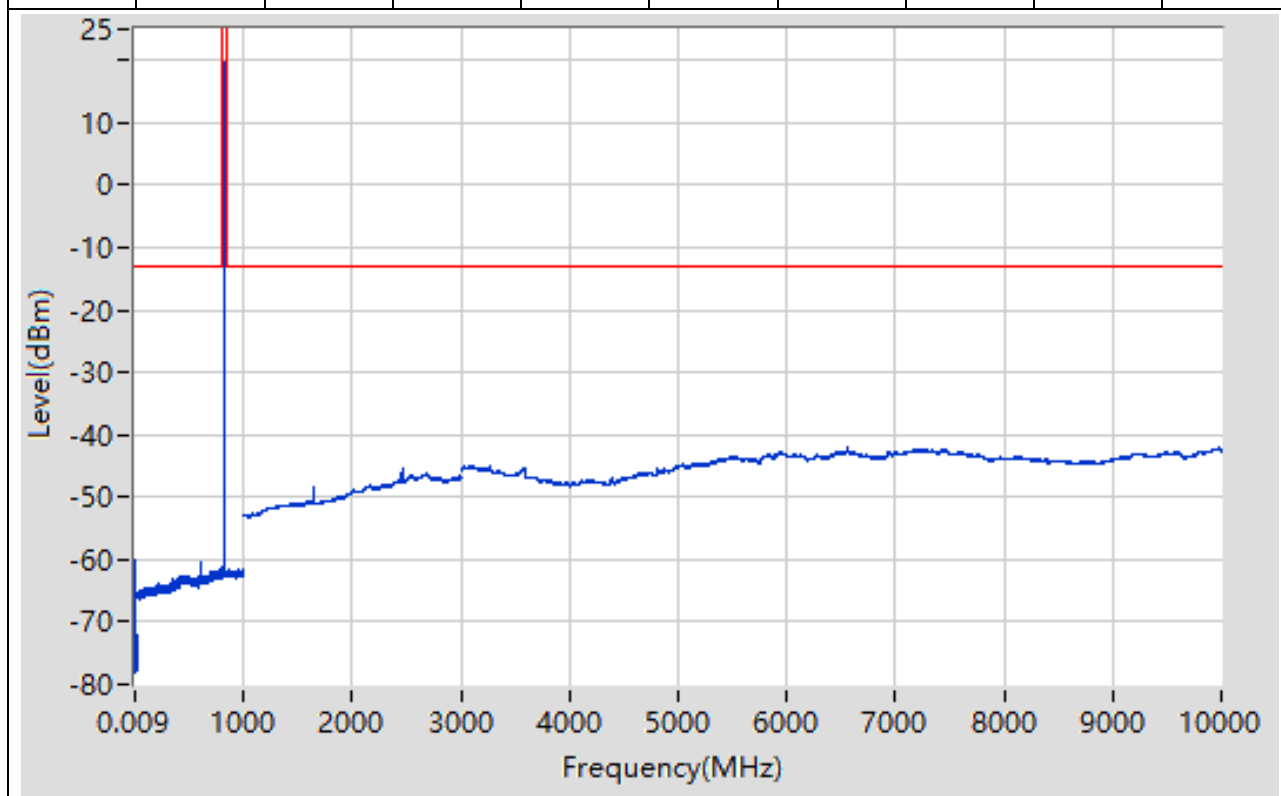




## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Mid

### 23.4. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

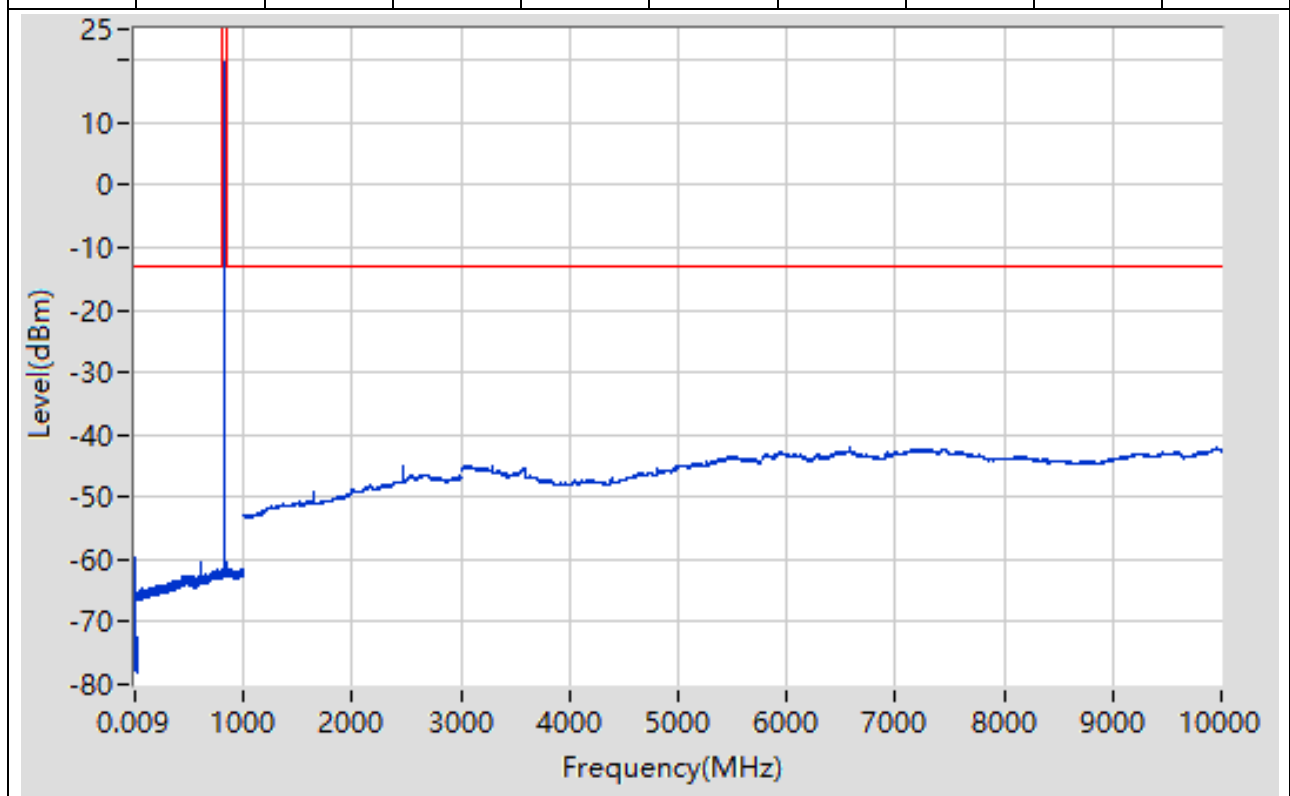
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.037	-63.06	-13	50.06	Pass	401
0.15	30	0.01	RMS	0.15	-60.05	-13	47.05	Pass	2986
30	804	0.1	RMS	615.6	-60.35	-13	47.35	Pass	7741
804	834	0.1	RMS	818.925	19.57	60	40.43	Pass	401
834	1000	0.1	RMS	857.5	-61.61	-13	48.61	Pass	1661
1000	3000	1	RMS	2457	-45.49	-13	32.49	Pass	2001
3000	10000	1	RMS	6551	-41.8	-13	28.8	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_High

### 23.5. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

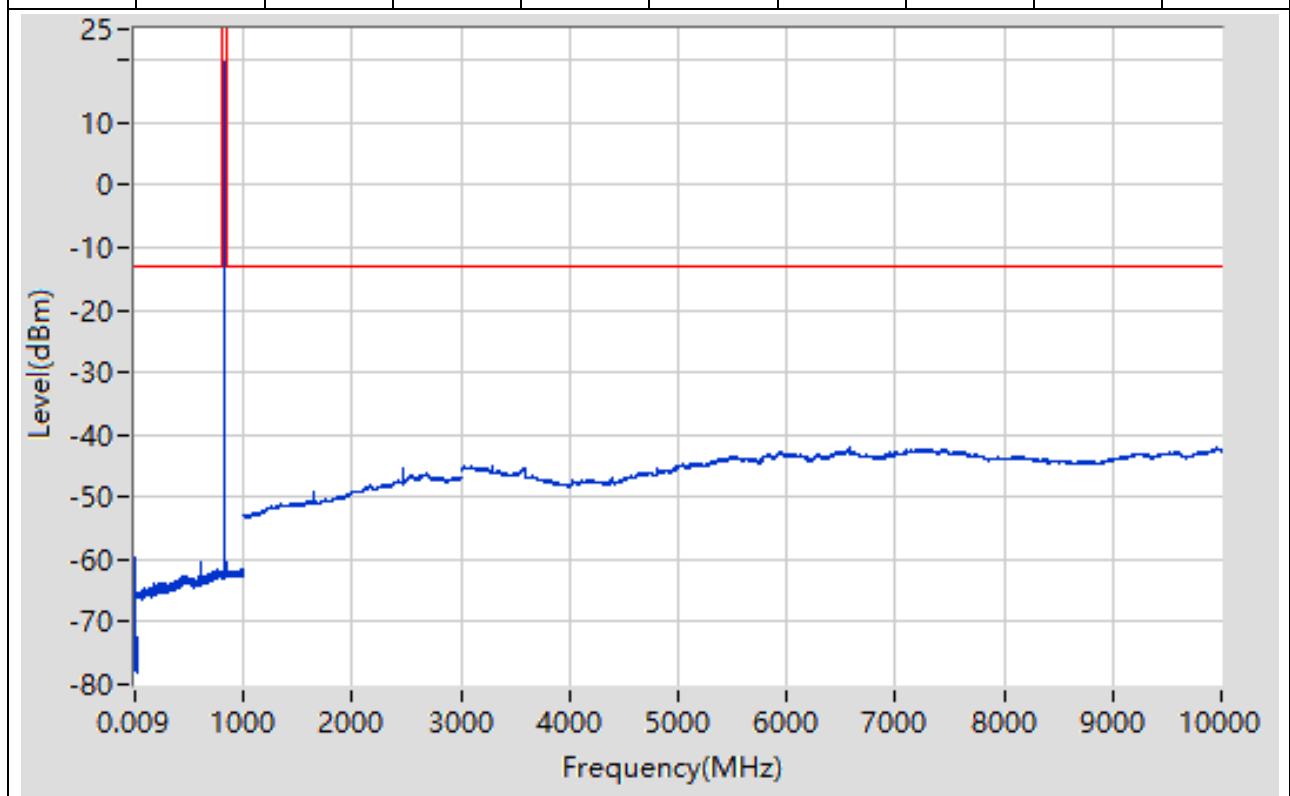
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-64.39	-13	51.39	Pass	401
0.15	30	0.01	RMS	0.15	-59.82	-13	46.82	Pass	2986
30	804	0.1	RMS	609.2	-60.59	-13	47.59	Pass	7741
804	834	0.1	RMS	823.725	19.77	60	40.23	Pass	401
834	1000	0.1	RMS	834	-60.36	-13	47.36	Pass	1661
1000	3000	1	RMS	2471	-45.17	-13	32.17	Pass	2001
3000	10000	1	RMS	6590	-42	-13	29	Pass	7001



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_High

### 23.6. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

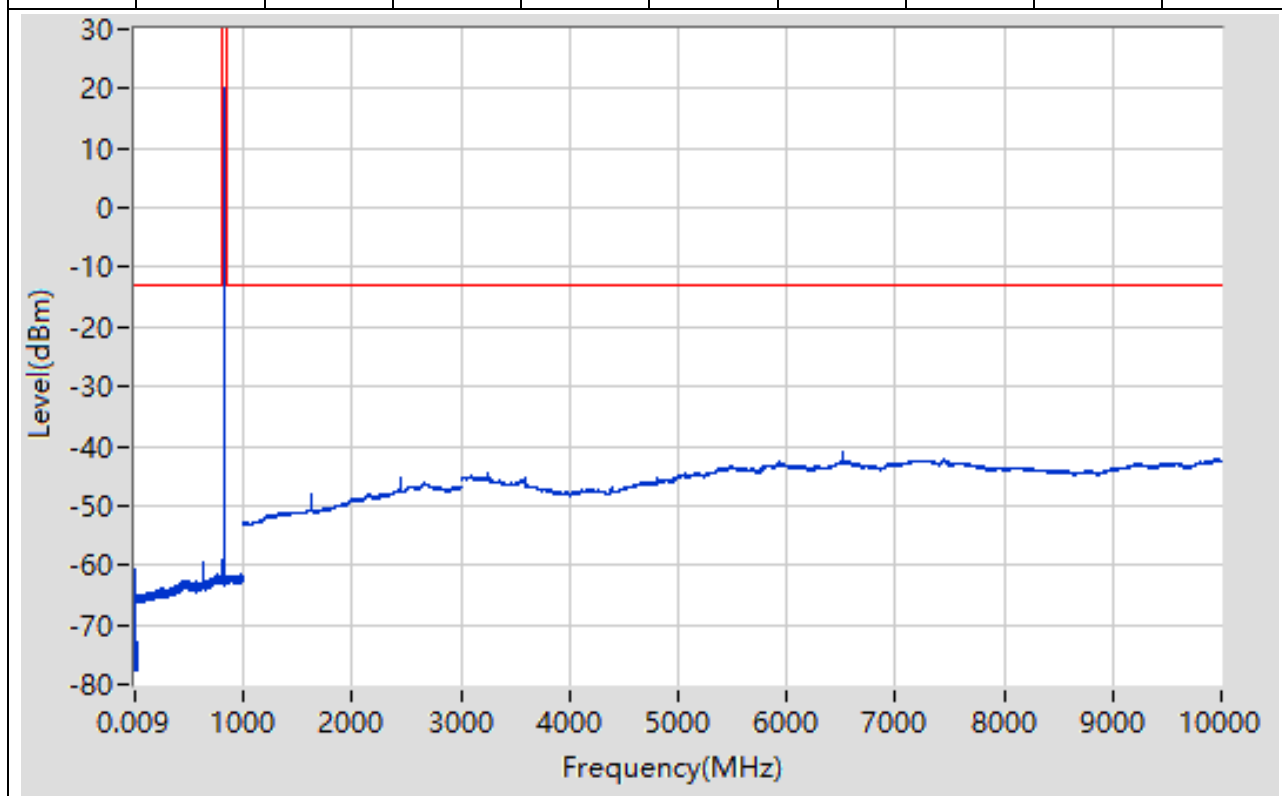
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.102	-63.35	-13	50.35	Pass	401
0.15	30	0.01	RMS	0.15	-59.58	-13	46.58	Pass	2986
30	804	0.1	RMS	609.2	-60.58	-13	47.58	Pass	7741
804	834	0.1	RMS	823.725	19.61	60	40.39	Pass	401
834	1000	0.1	RMS	834	-60.85	-13	47.85	Pass	1661
1000	3000	1	RMS	2471	-45.3	-13	32.3	Pass	2001
3000	10000	1	RMS	9962	-42.12	-13	29.12	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Low

### 23.7. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

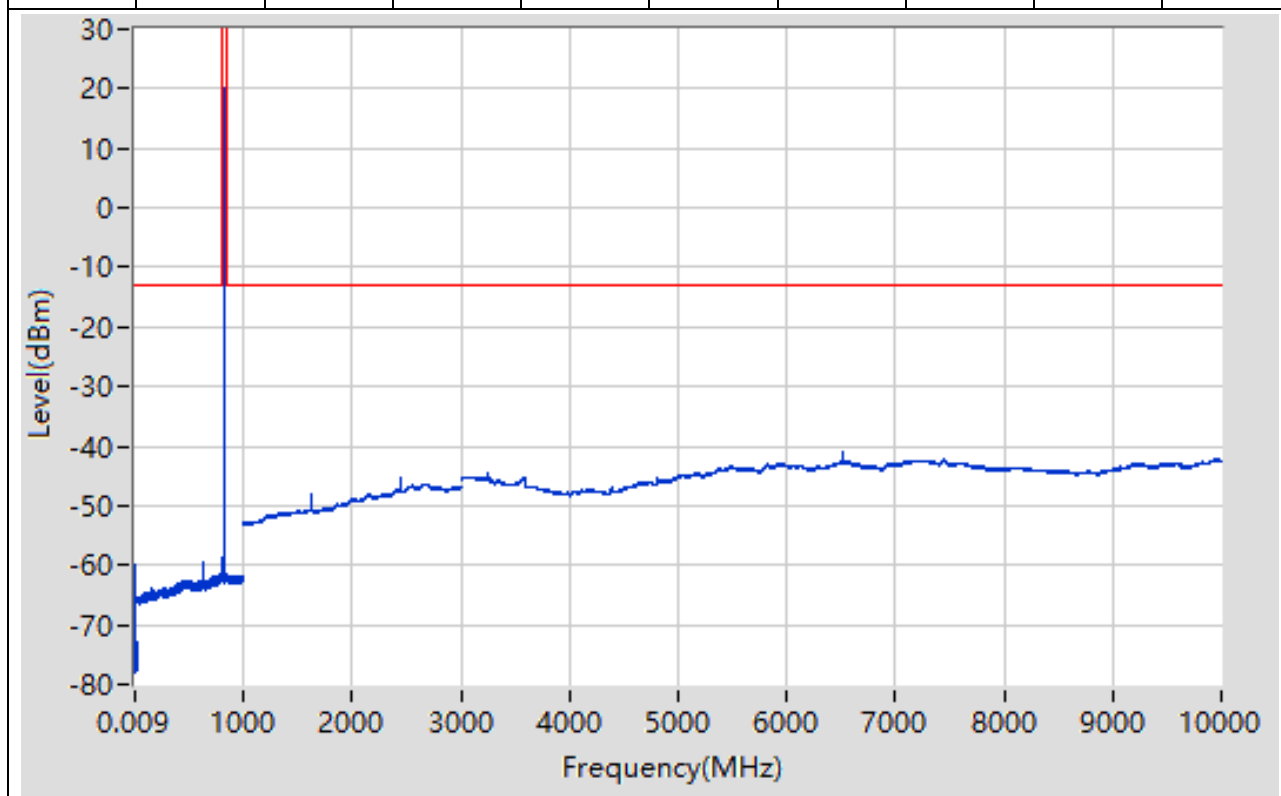
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.018	-63.95	-13	50.95	Pass	401
0.15	30	0.01	RMS	0.16	-60.76	-13	47.76	Pass	2986
30	804	0.1	RMS	622	-59.7	-13	46.7	Pass	7741
804	834	0.1	RMS	814.125	20.25	60	39.75	Pass	401
834	1000	0.1	RMS	975.7	-61.66	-13	48.66	Pass	1661
1000	3000	1	RMS	2442	-45.27	-13	32.27	Pass	2001
3000	10000	1	RMS	6513	-41.02	-13	28.02	Pass	7001



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Low

### 23.8. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

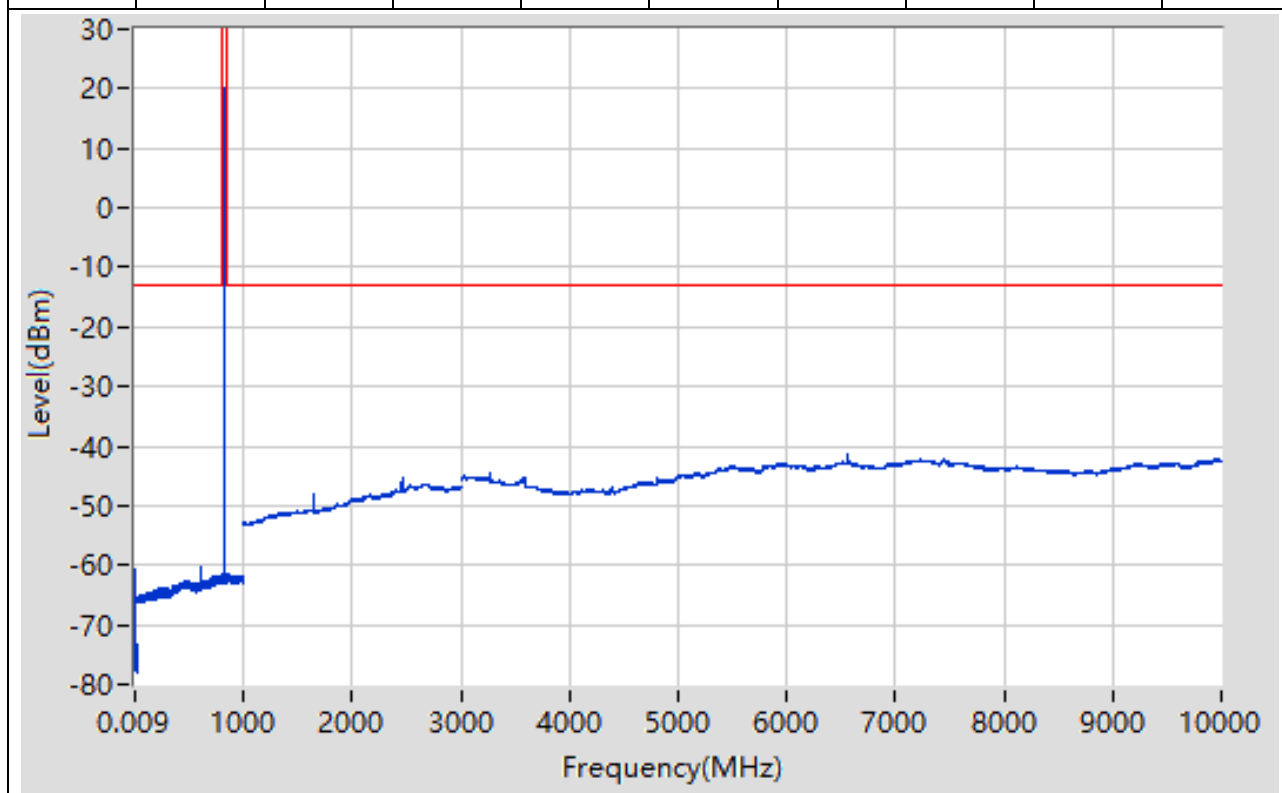
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.049	-63.95	-13	50.95	Pass	401
0.15	30	0.01	RMS	0.15	-60.02	-13	47.02	Pass	2986
30	804	0.1	RMS	622	-59.46	-13	46.46	Pass	7741
804	834	0.1	RMS	814.125	20.23	60	39.77	Pass	401
834	1000	0.1	RMS	840.1	-61.61	-13	48.61	Pass	1661
1000	3000	1	RMS	2442	-45.25	-13	32.25	Pass	2001
3000	10000	1	RMS	6513	-40.97	-13	27.97	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Mid

### 23.9. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

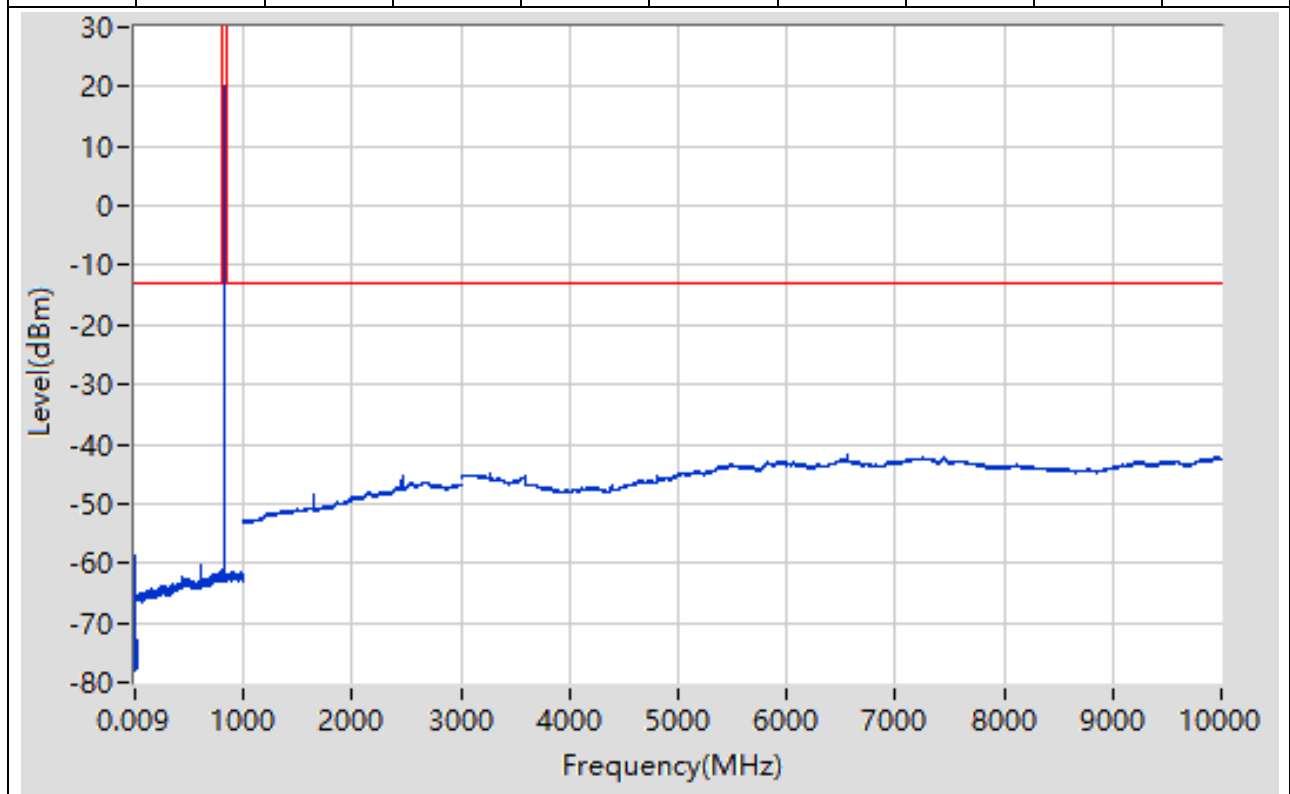
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.097	-63.51	-13	50.51	Pass	401
0.15	30	0.01	RMS	0.17	-60.62	-13	47.62	Pass	2986
30	804	0.1	RMS	615.6	-60.3	-13	47.3	Pass	7741
804	834	0.1	RMS	818.925	20.16	60	39.84	Pass	401
834	1000	0.1	RMS	834.1	-61.64	-13	48.64	Pass	1661
1000	3000	1	RMS	2457	-45.17	-13	32.17	Pass	2001
3000	10000	1	RMS	6551	-41.5	-13	28.5	Pass	7001



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Mid

### 23.10. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

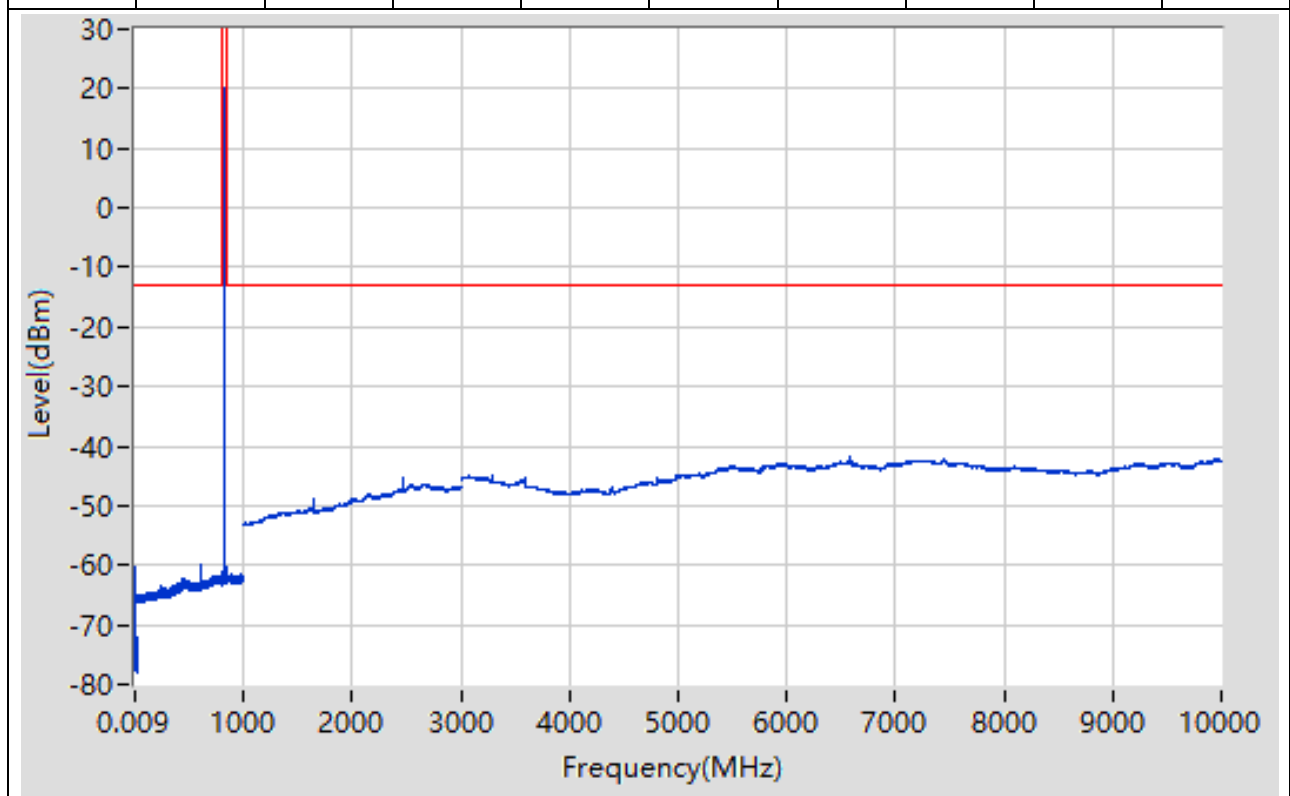
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.137	-63.71	-13	50.71	Pass	401
0.15	30	0.01	RMS	0.15	-58.57	-13	45.57	Pass	2986
30	804	0.1	RMS	615.6	-60.19	-13	47.19	Pass	7741
804	834	0.1	RMS	818.925	20.02	60	39.98	Pass	401
834	1000	0.1	RMS	977.7	-61.61	-13	48.61	Pass	1661
1000	3000	1	RMS	2457	-45.12	-13	32.12	Pass	2001
3000	10000	1	RMS	6551	-41.59	-13	28.59	Pass	7001



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_High

### 23.11. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

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	0.134	-63.67	-13	50.67	Pass	401
0.15	30	0.01	RMS	0.15	-60.29	-13	47.29	Pass	2986
30	804	0.1	RMS	609.2	-59.98	-13	46.98	Pass	7741
804	834	0.1	RMS	823.725	20.05	60	39.95	Pass	401
834	1000	0.1	RMS	834	-60.46	-13	47.46	Pass	1661
1000	3000	1	RMS	2471	-45.16	-13	32.16	Pass	2001
3000	10000	1	RMS	6590	-41.71	-13	28.71	Pass	7001

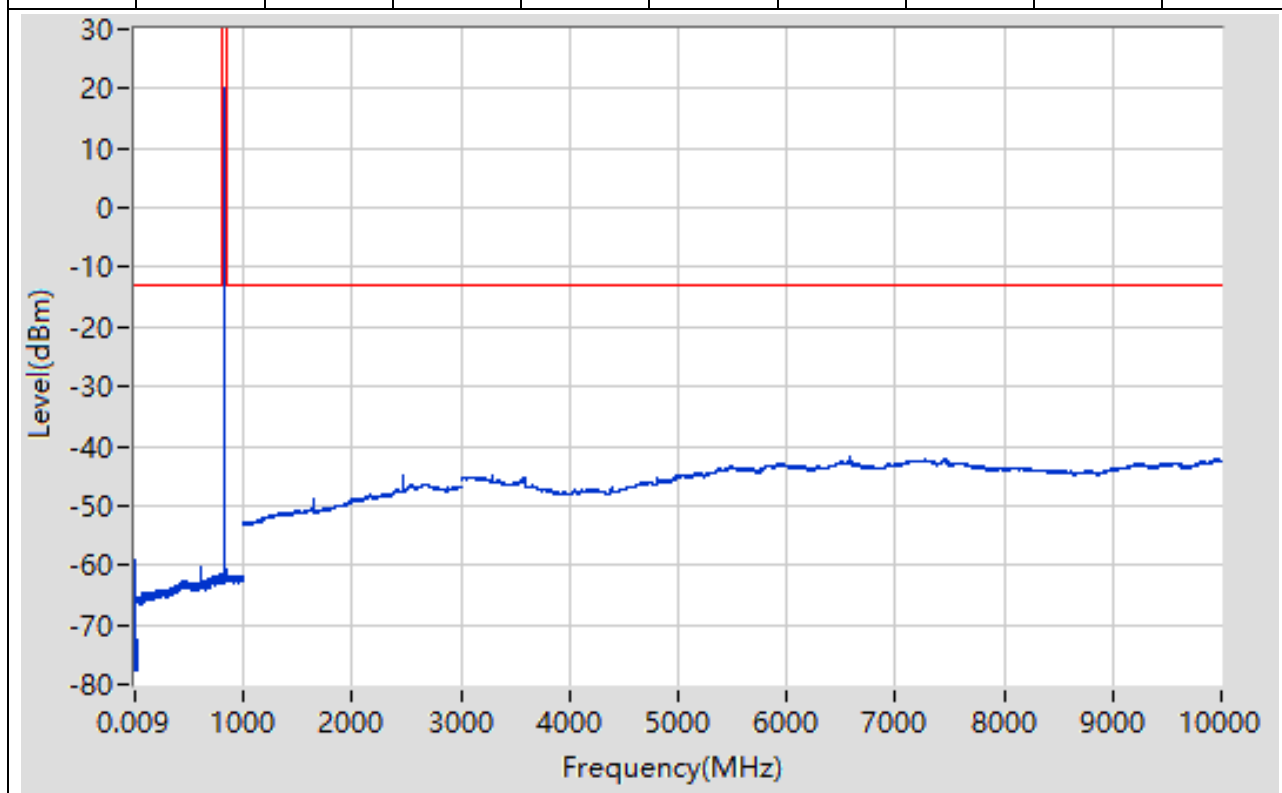




## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_High

### 23.12. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

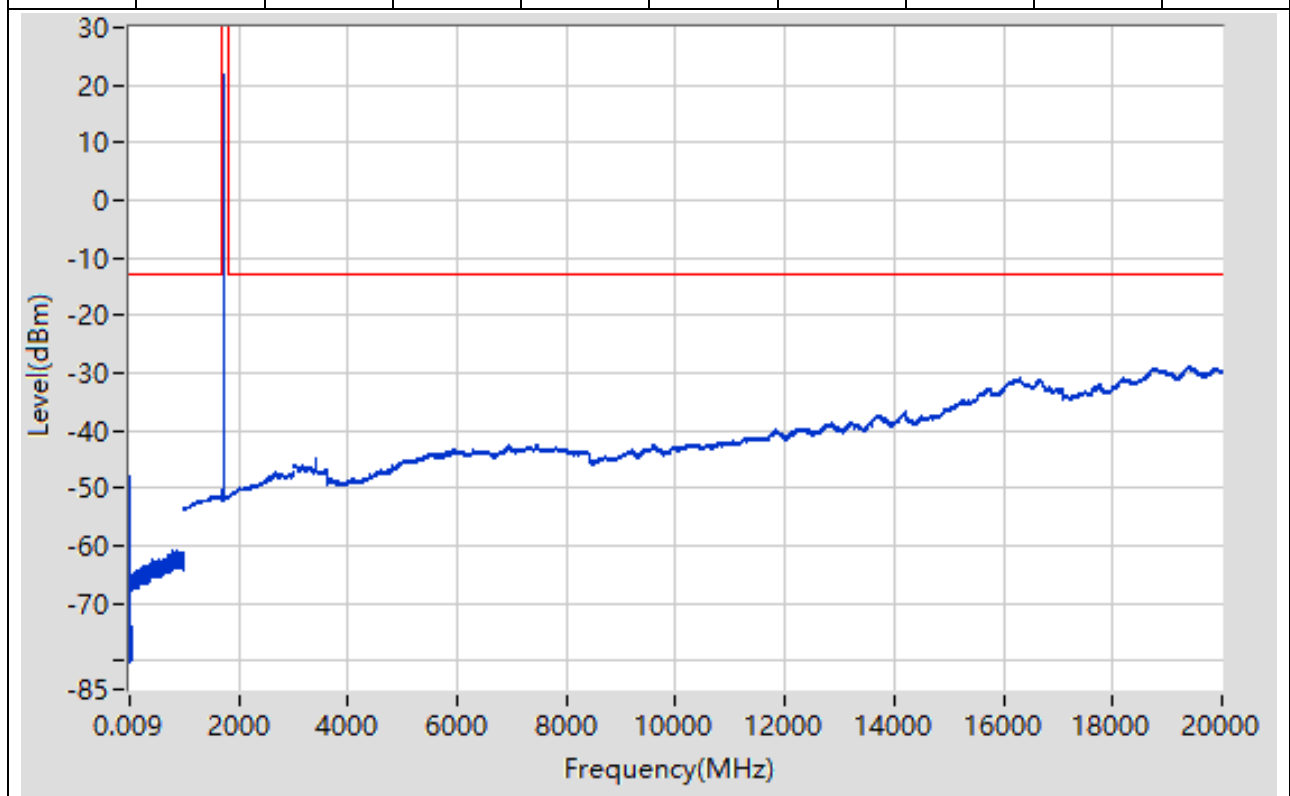
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.15	-64.16	-13	51.16	Pass	401
0.15	30	0.01	RMS	0.15	-59.01	-13	46.01	Pass	2986
30	804	0.1	RMS	609.2	-60.31	-13	47.31	Pass	7741
804	834	0.1	RMS	823.725	20.16	60	39.84	Pass	401
834	1000	0.1	RMS	834	-60.81	-13	47.81	Pass	1661
1000	3000	1	RMS	2471	-45.09	-13	32.09	Pass	2001
3000	10000	1	RMS	6590	-41.85	-13	28.85	Pass	7001



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Low

### 24.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

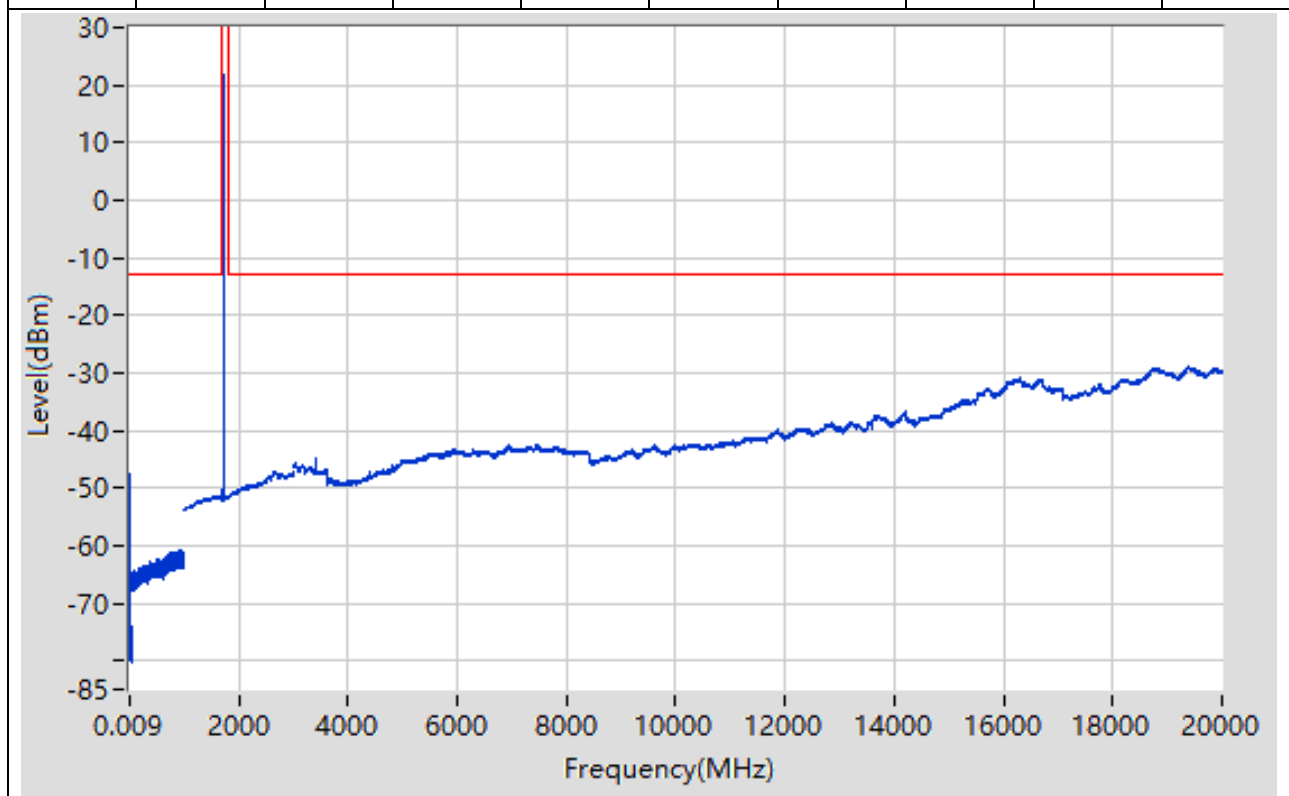
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.12	-13	35.12	Pass	401
0.15	30	0.01	RMS	0.15	-56.55	-13	43.55	Pass	2986
30	1000	0.1	RMS	788.5	-60.73	-13	47.73	Pass	9701
1000	1700	1	RMS	1700	-50.62	-13	37.62	Pass	701
1700	1790	1	RMS	1709.9	21.87	60	38.13	Pass	401
1790	3000	1	RMS	2656	-47.2	-13	34.2	Pass	1211
3000	20000	1	RMS	19380	-28.93	-13	15.93	Pass	17001



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Low

### 24.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

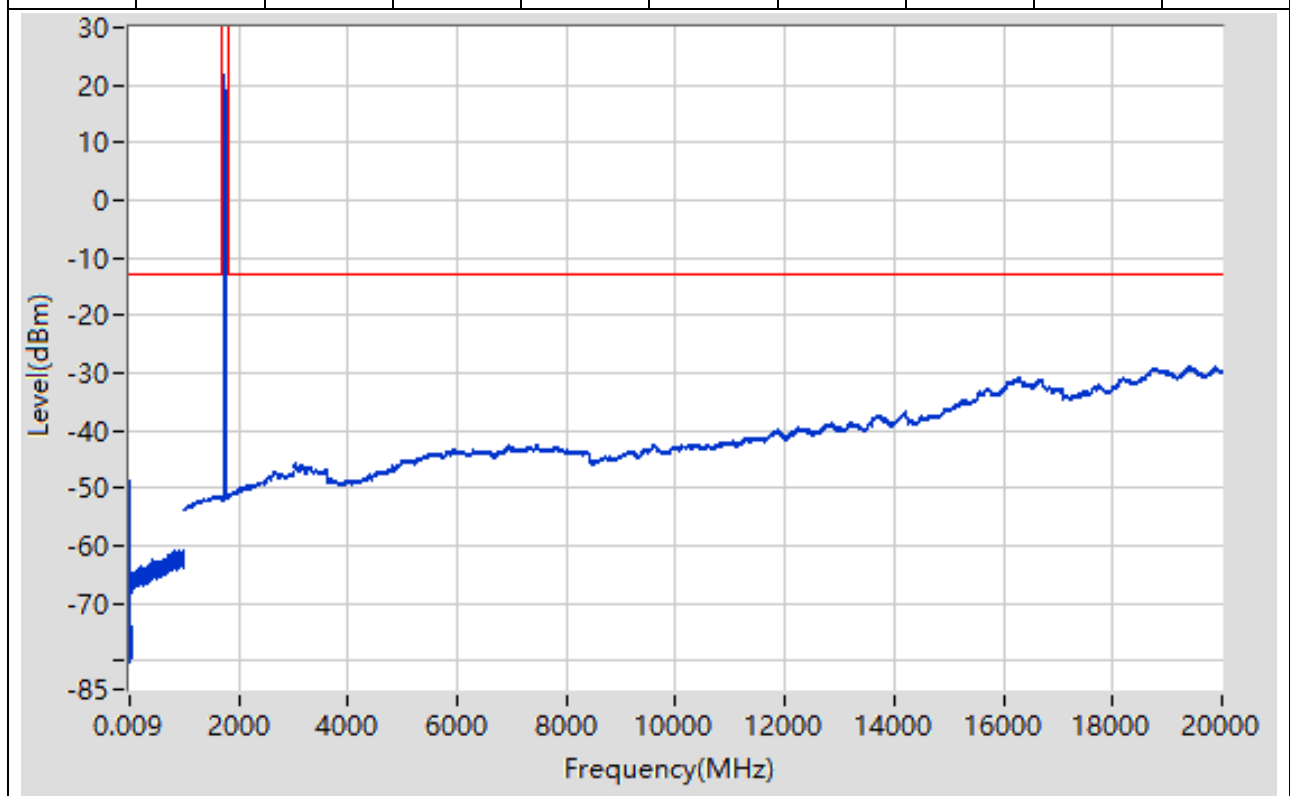
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-47.53	-13	34.53	Pass	401
0.15	30	0.01	RMS	0.15	-56.97	-13	43.97	Pass	2986
30	1000	0.1	RMS	937.9	-60.93	-13	47.93	Pass	9701
1000	1700	1	RMS	1696	-51.06	-13	38.06	Pass	701
1700	1790	1	RMS	1709.9	21.84	60	38.16	Pass	401
1790	3000	1	RMS	2999	-47.18	-13	34.18	Pass	1211
3000	20000	1	RMS	19385	-28.89	-13	15.89	Pass	17001



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Mid

### 24.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

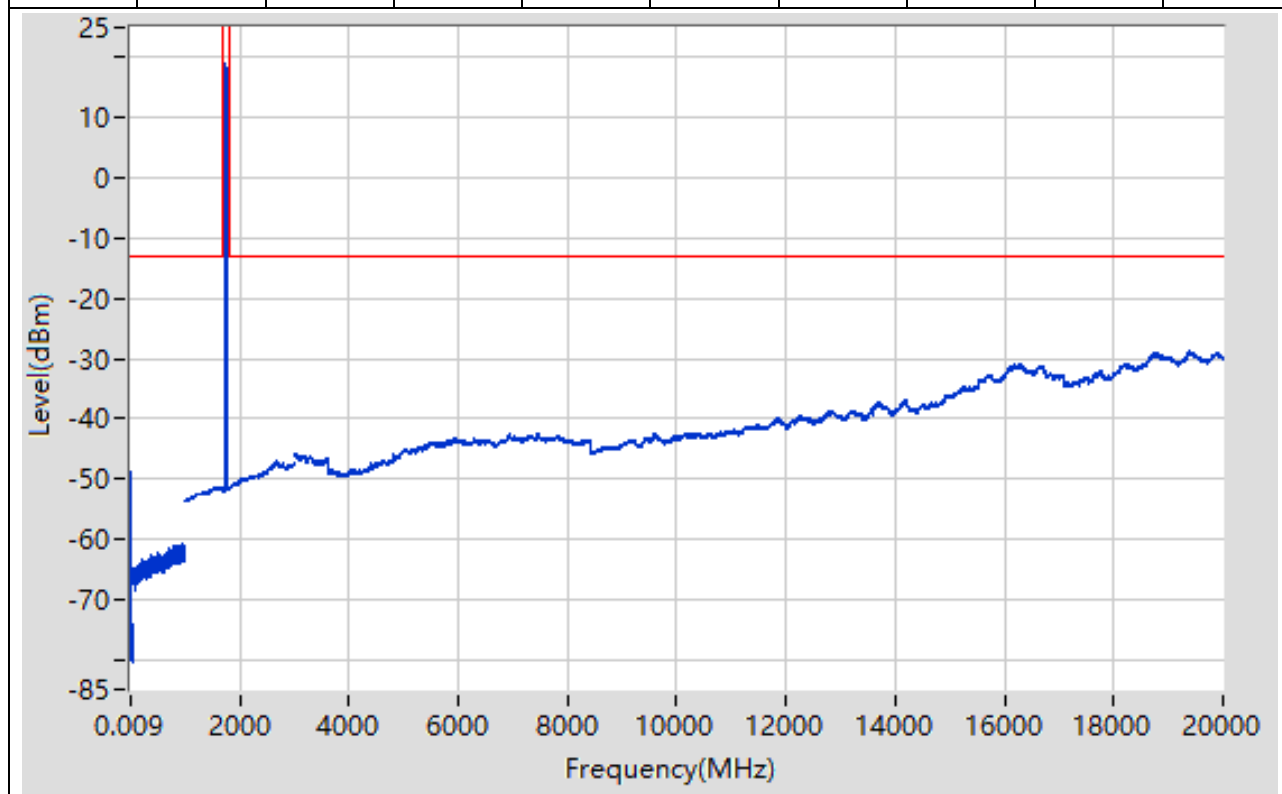
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.62	-13	35.62	Pass	401
0.15	30	0.01	RMS	0.16	-57.65	-13	44.65	Pass	2986
30	1000	0.1	RMS	827.5	-60.89	-13	47.89	Pass	9701
1000	1700	1	RMS	1593	-51.42	-13	38.42	Pass	701
1700	1790	1	RMS	1745	21.82	60	38.18	Pass	401
1790	3000	1	RMS	2666	-47.26	-13	34.26	Pass	1211
3000	20000	1	RMS	19417	-28.96	-13	15.96	Pass	17001



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Mid

### 24.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

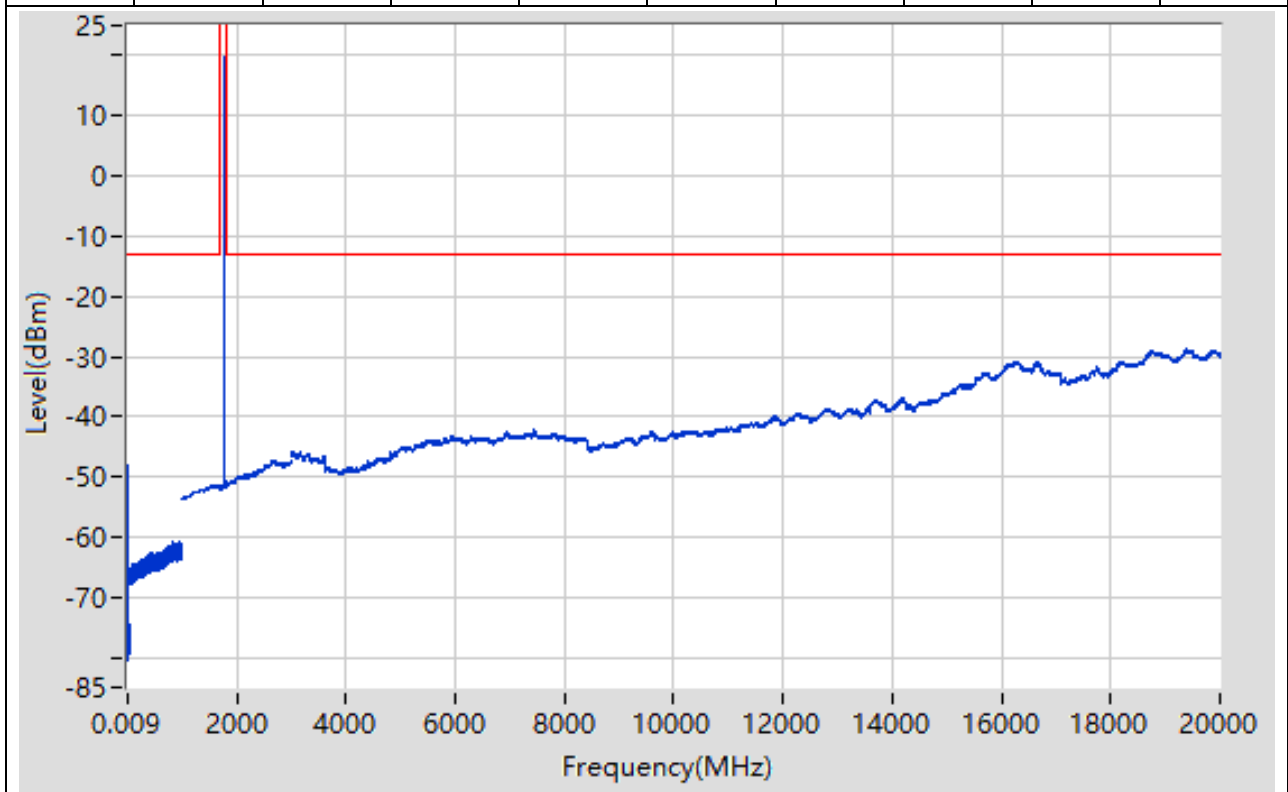
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.66	-13	35.66	Pass	401
0.15	30	0.01	RMS	0.15	-57	-13	44	Pass	2986
30	1000	0.1	RMS	948	-60.89	-13	47.89	Pass	9701
1000	1700	1	RMS	1681	-51.36	-13	38.36	Pass	701
1700	1790	1	RMS	1745.225	19.16	60	40.84	Pass	401
1790	3000	1	RMS	2661	-47.13	-13	34.13	Pass	1211
3000	20000	1	RMS	19367	-28.83	-13	15.83	Pass	17001



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_High

### 24.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

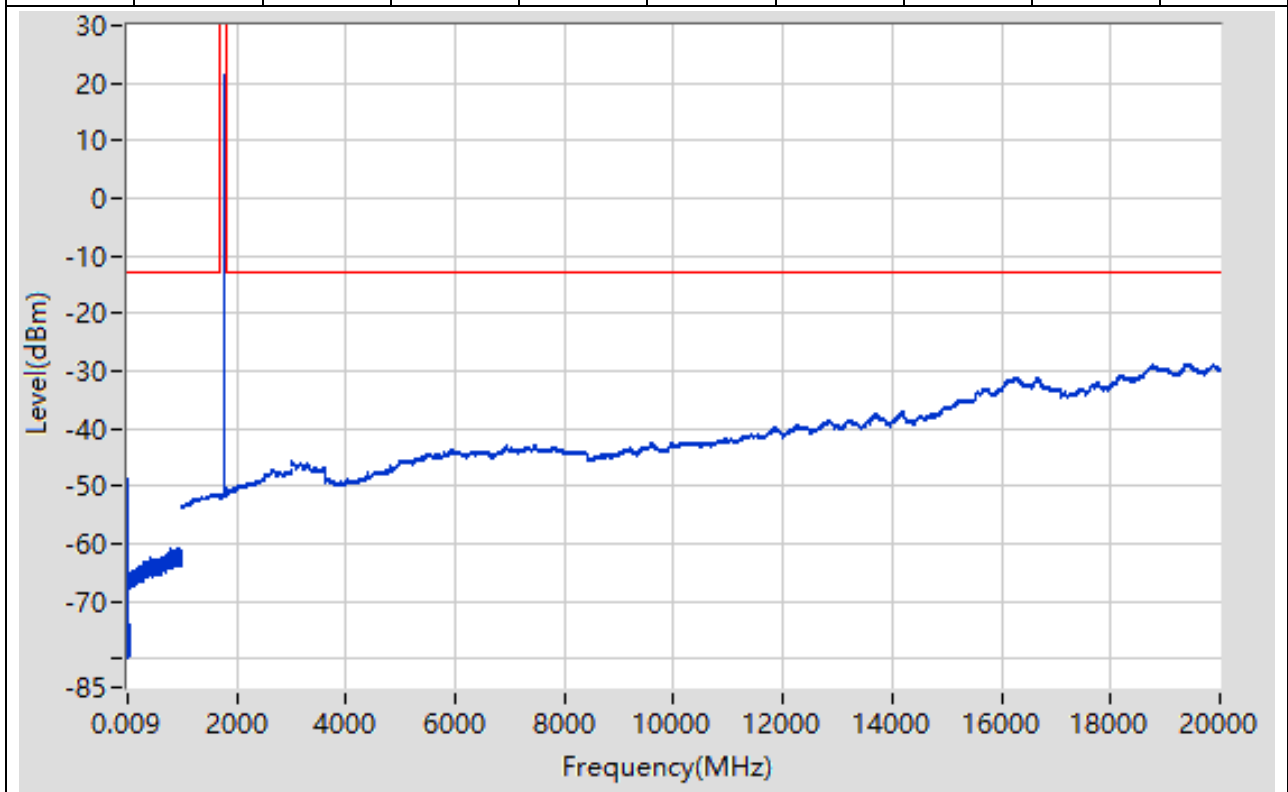
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.25	-13	35.25	Pass	401
0.15	30	0.01	RMS	0.16	-57.06	-13	44.06	Pass	2986
30	1000	0.1	RMS	925.3	-60.86	-13	47.86	Pass	9701
1000	1700	1	RMS	1686	-51.39	-13	38.39	Pass	701
1700	1790	1	RMS	1779.425	19.81	60	40.19	Pass	401
1790	3000	1	RMS	3000	-47.3	-13	34.3	Pass	1211
3000	20000	1	RMS	19391	-28.84	-13	15.84	Pass	17001



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_High

### 24.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

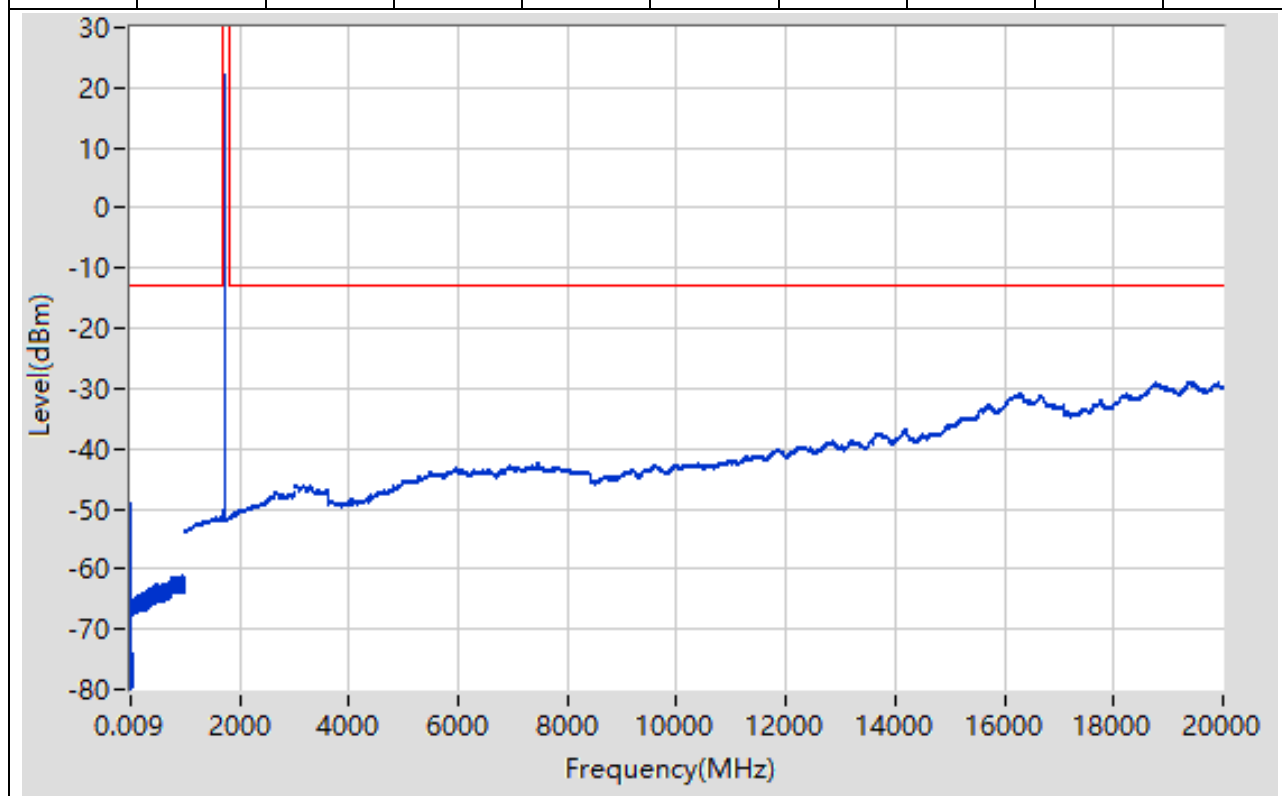
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.62	-13	35.62	Pass	401
0.15	30	0.01	RMS	0.15	-56.59	-13	43.59	Pass	2986
30	1000	0.1	RMS	919.4	-60.75	-13	47.75	Pass	9701
1000	1700	1	RMS	1698	-51.42	-13	38.42	Pass	701
1700	1790	1	RMS	1779.875	21.47	60	38.53	Pass	401
1790	3000	1	RMS	3000	-47.11	-13	34.11	Pass	1211
3000	20000	1	RMS	19369	-28.82	-13	15.82	Pass	17001



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Low

### 24.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-48.92	-13	35.92	Pass	401
0.15	30	0.01	RMS	0.15	-56.89	-13	43.89	Pass	2986
30	1000	0.1	RMS	939.8	-60.9	-13	47.9	Pass	9701
1000	1700	1	RMS	1700	-50.4	-13	37.4	Pass	701
1700	1790	1	RMS	1709.9	22.25	60	37.75	Pass	401
1790	3000	1	RMS	2663	-47.23	-13	34.23	Pass	1211
3000	20000	1	RMS	19350	-28.96	-13	15.96	Pass	17001

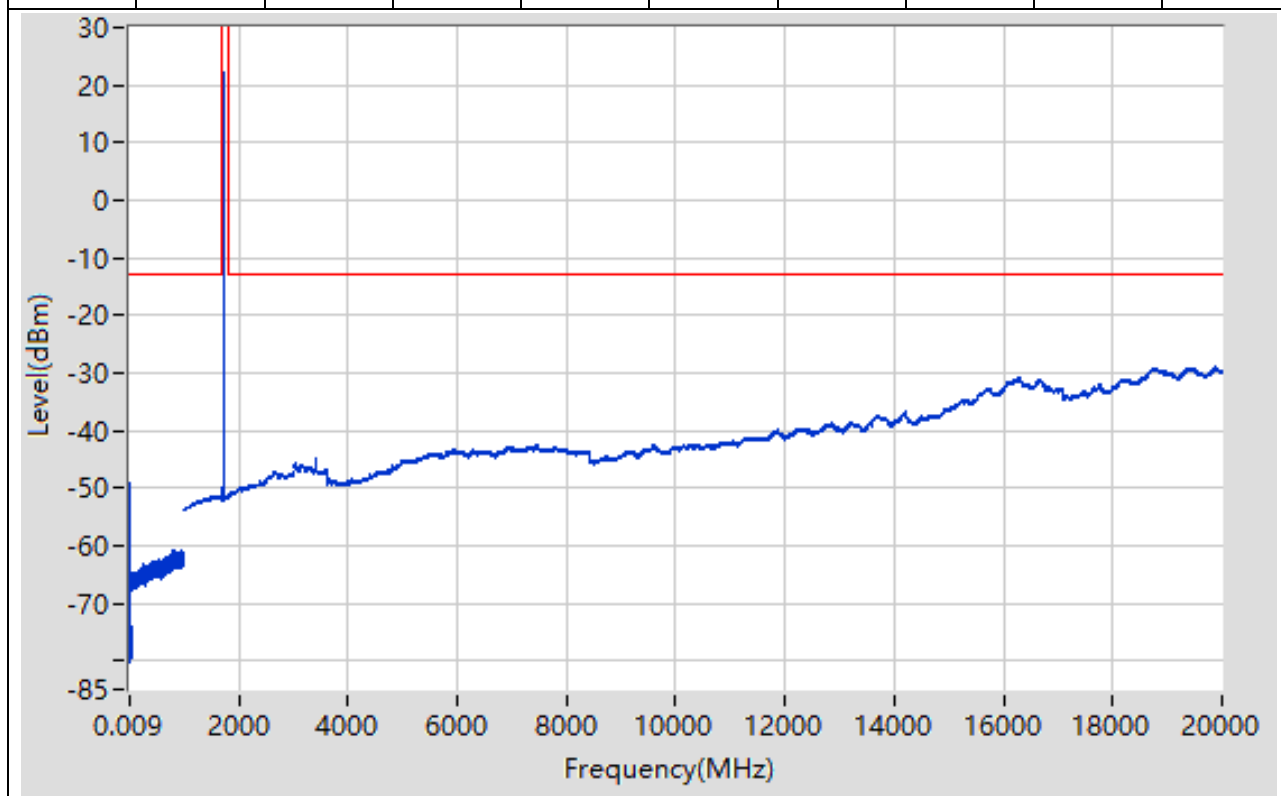




## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Low

### 24.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

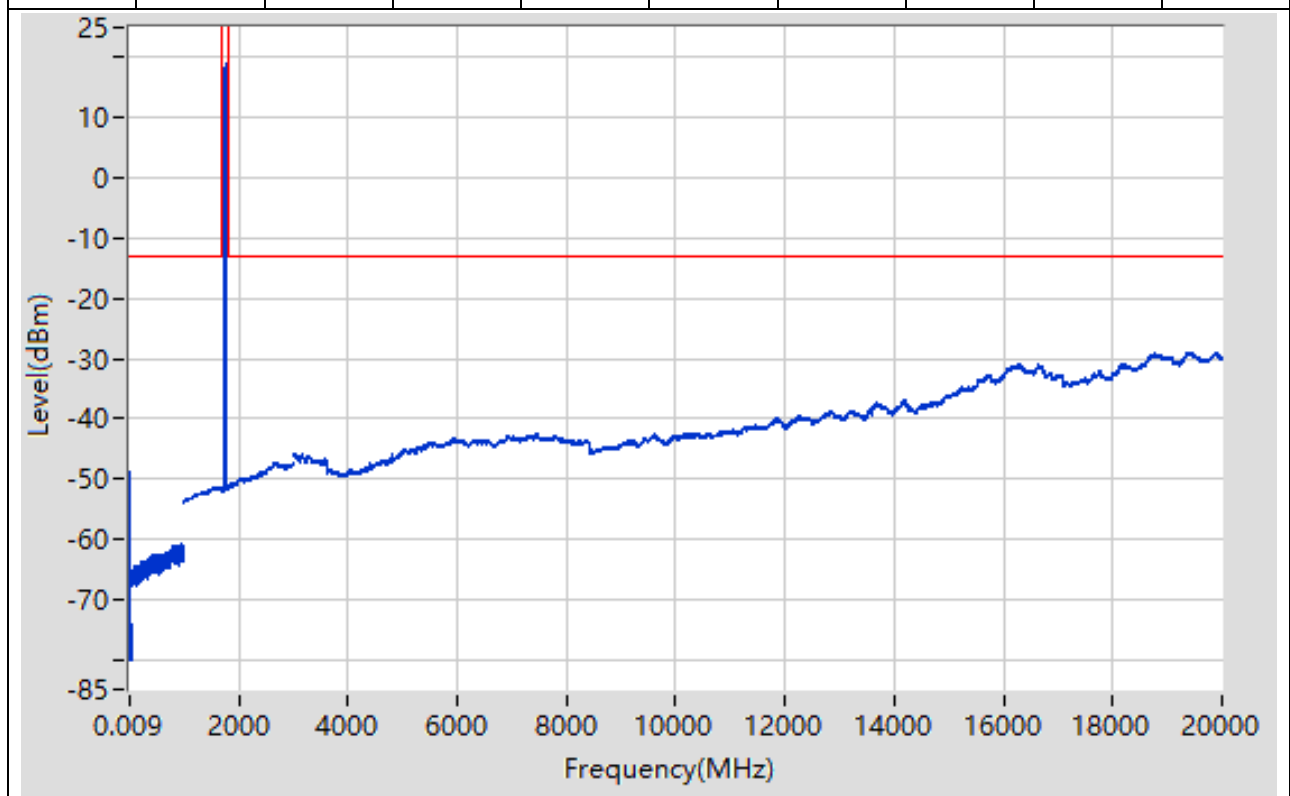
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-49.13	-13	36.13	Pass	401
0.15	30	0.01	RMS	0.15	-56.52	-13	43.52	Pass	2986
30	1000	0.1	RMS	785.7	-60.75	-13	47.75	Pass	9701
1000	1700	1	RMS	1699	-50.8	-13	37.8	Pass	701
1700	1790	1	RMS	1709.9	22.14	60	37.86	Pass	401
1790	3000	1	RMS	2651	-47.15	-13	34.15	Pass	1211
3000	20000	1	RMS	19884	-29.04	-13	16.04	Pass	17001



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Mid

### 24.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

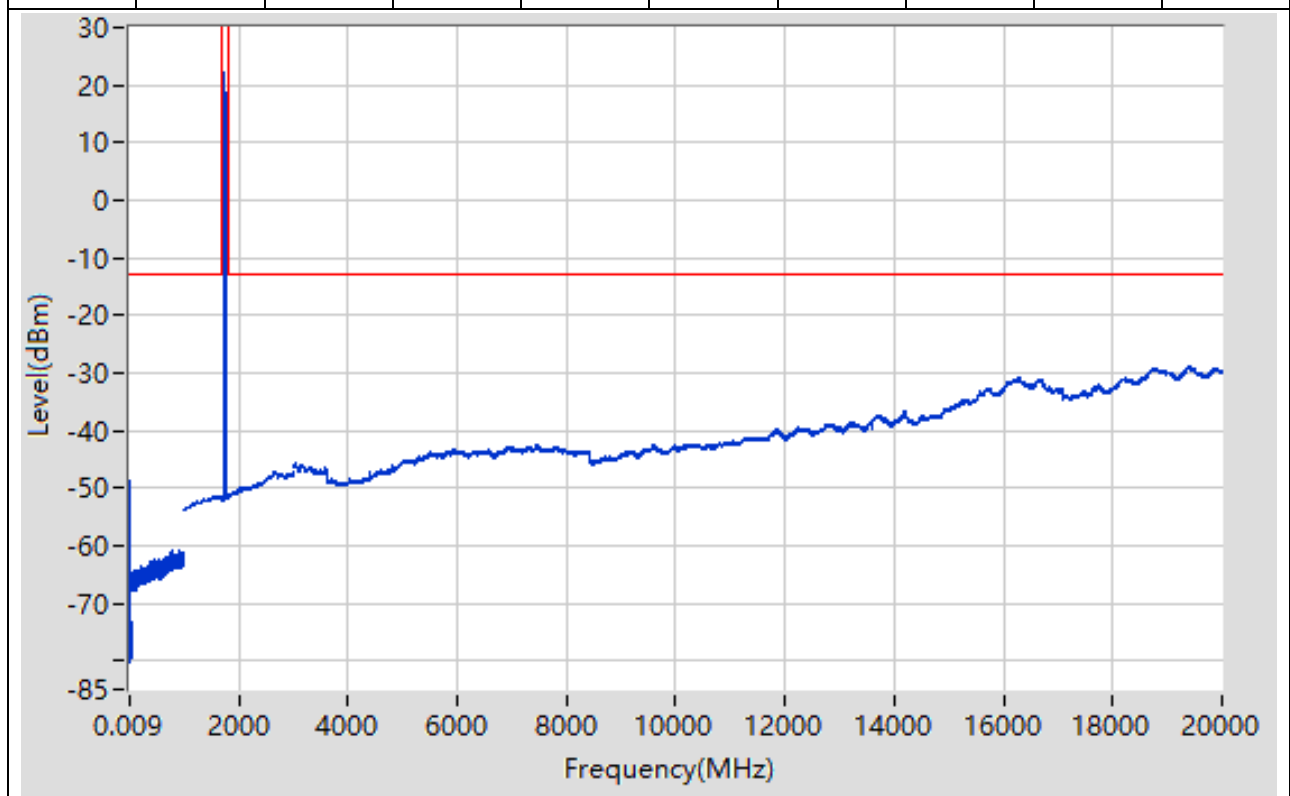
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.67	-13	35.67	Pass	401
0.15	30	0.01	RMS	0.16	-56.4	-13	43.4	Pass	2986
30	1000	0.1	RMS	926.4	-60.84	-13	47.84	Pass	9701
1000	1700	1	RMS	1677	-51.42	-13	38.42	Pass	701
1700	1790	1	RMS	1745.45	18.94	60	41.06	Pass	401
1790	3000	1	RMS	2658	-47.26	-13	34.26	Pass	1211
3000	20000	1	RMS	19399	-29.05	-13	16.05	Pass	17001



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Mid

### 24.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

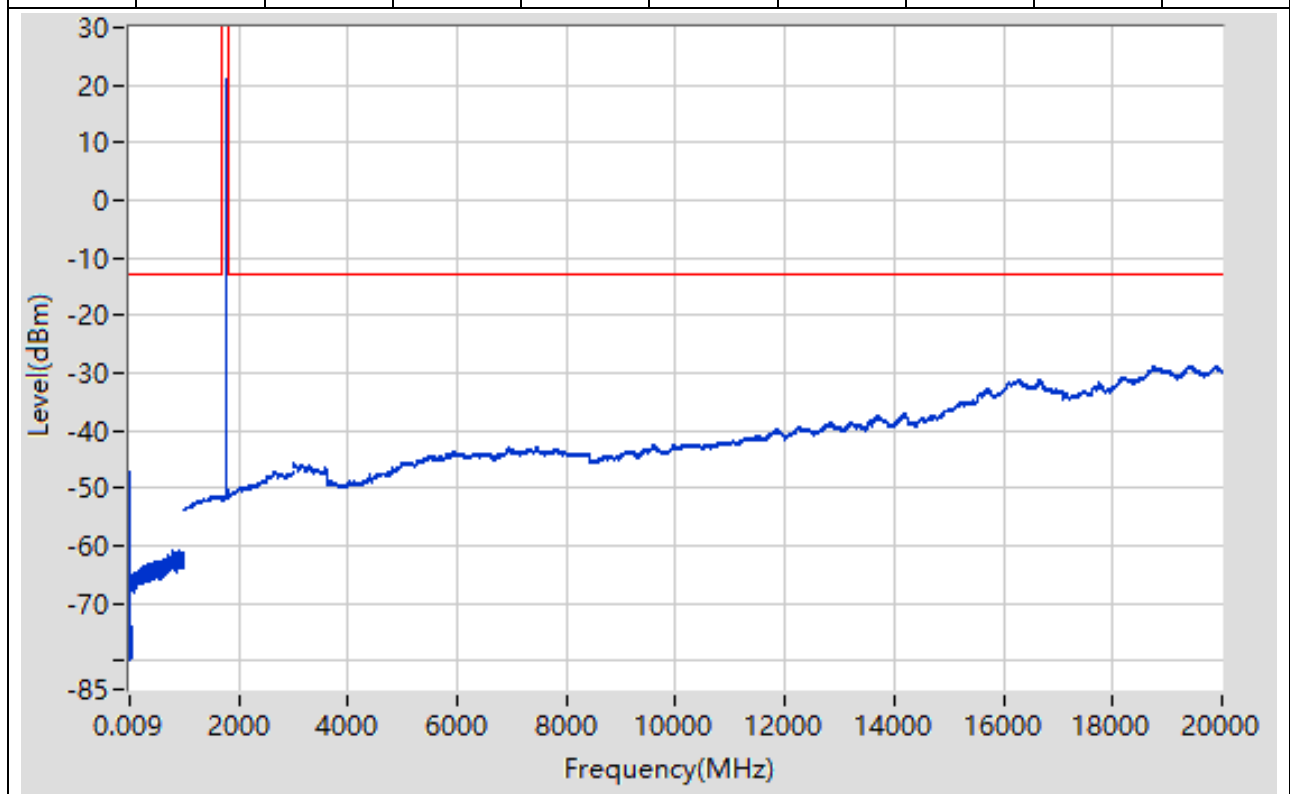
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.79	-13	35.79	Pass	401
0.15	30	0.01	RMS	0.15	-55.09	-13	42.09	Pass	2986
30	1000	0.1	RMS	901.1	-60.89	-13	47.89	Pass	9701
1000	1700	1	RMS	1676	-51.42	-13	38.42	Pass	701
1700	1790	1	RMS	1745	22.11	60	37.89	Pass	401
1790	3000	1	RMS	2659	-47.21	-13	34.21	Pass	1211
3000	20000	1	RMS	19426	-29.01	-13	16.01	Pass	17001



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_High

### 24.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

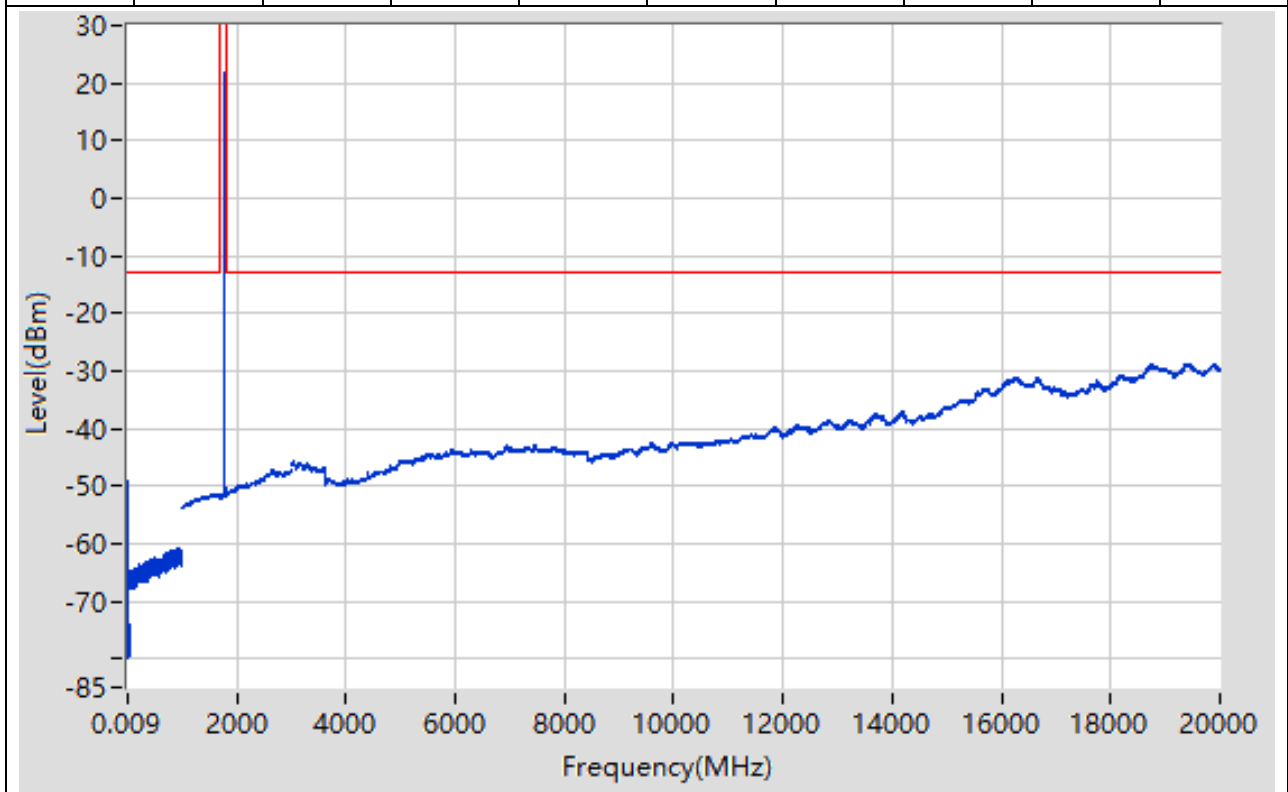
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-47.15	-13	34.15	Pass	401
0.15	30	0.01	RMS	0.15	-55.88	-13	42.88	Pass	2986
30	1000	0.1	RMS	907.2	-60.75	-13	47.75	Pass	9701
1000	1700	1	RMS	1677	-51.42	-13	38.42	Pass	701
1700	1790	1	RMS	1779.875	21.06	60	38.94	Pass	401
1790	3000	1	RMS	3000	-47.19	-13	34.19	Pass	1211
3000	20000	1	RMS	19375	-28.87	-13	15.87	Pass	17001



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_High

### 24.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

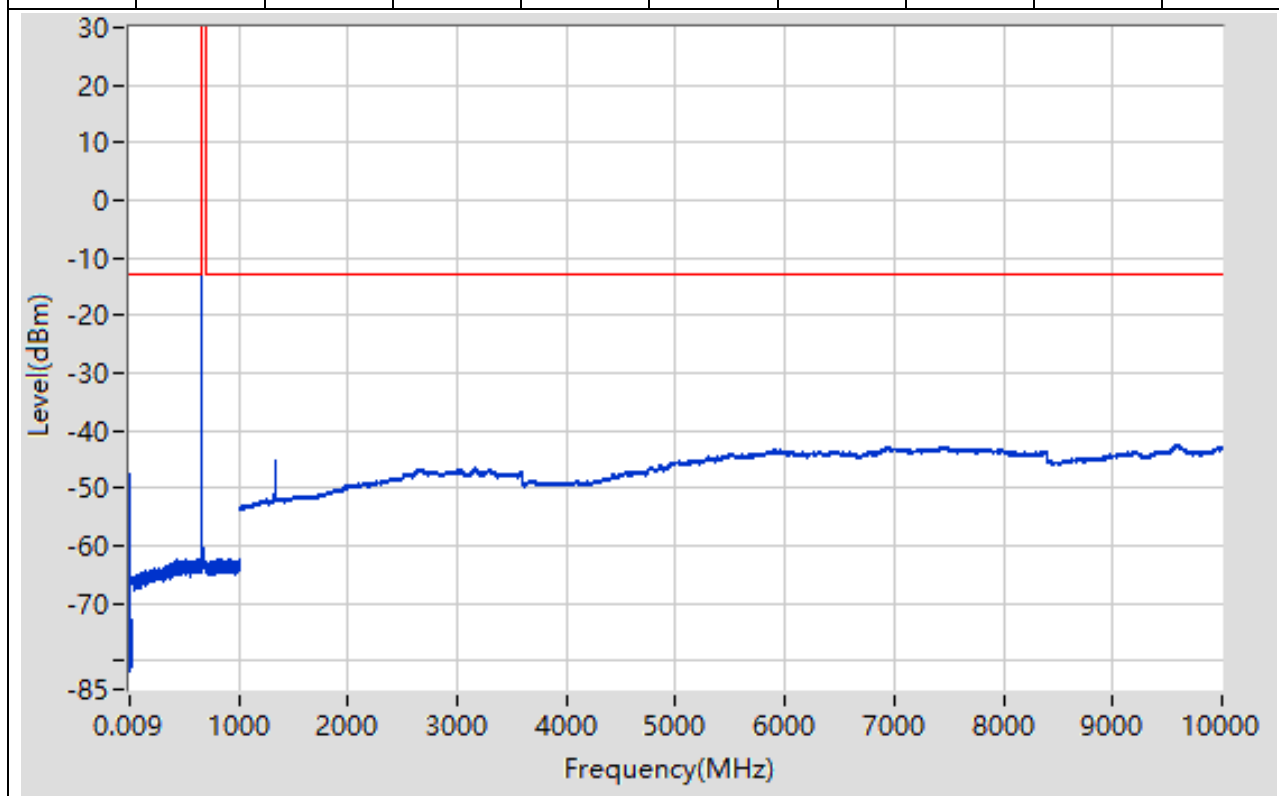
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-49.29	-13	36.29	Pass	401
0.15	30	0.01	RMS	0.16	-58.19	-13	45.19	Pass	2986
30	1000	0.1	RMS	916.2	-60.67	-13	47.67	Pass	9701
1000	1700	1	RMS	1693	-51.44	-13	38.44	Pass	701
1700	1790	1	RMS	1779.875	21.9	60	38.1	Pass	401
1790	3000	1	RMS	2991	-47.23	-13	34.23	Pass	1211
3000	20000	1	RMS	19361	-28.87	-13	15.87	Pass	17001



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Low

### 25.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

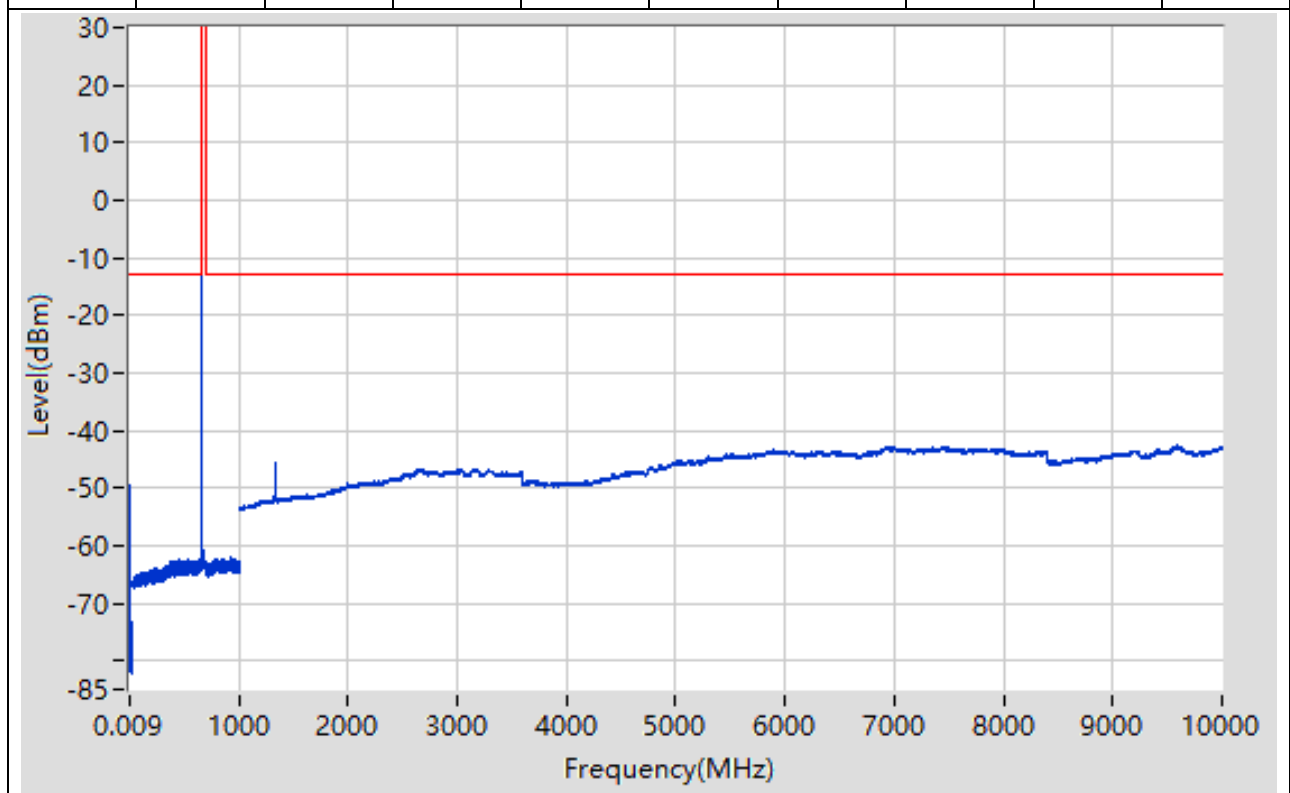
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-47.44	-13	34.44	Pass	401
0.15	30	0.01	RMS	0.16	-54.6	-13	41.6	Pass	2986
30	653	0.1	RMS	651.2	-62.1	-13	49.1	Pass	6231
653	708	0.1	RMS	663	21.83	60	38.17	Pass	551
708	1000	0.1	RMS	929.5	-62.27	-13	49.27	Pass	2921
1000	3000	1	RMS	1326	-45.12	-13	32.12	Pass	2001
3000	10000	1	RMS	9601	-42.5	-13	29.5	Pass	7001



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Low

### 25.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

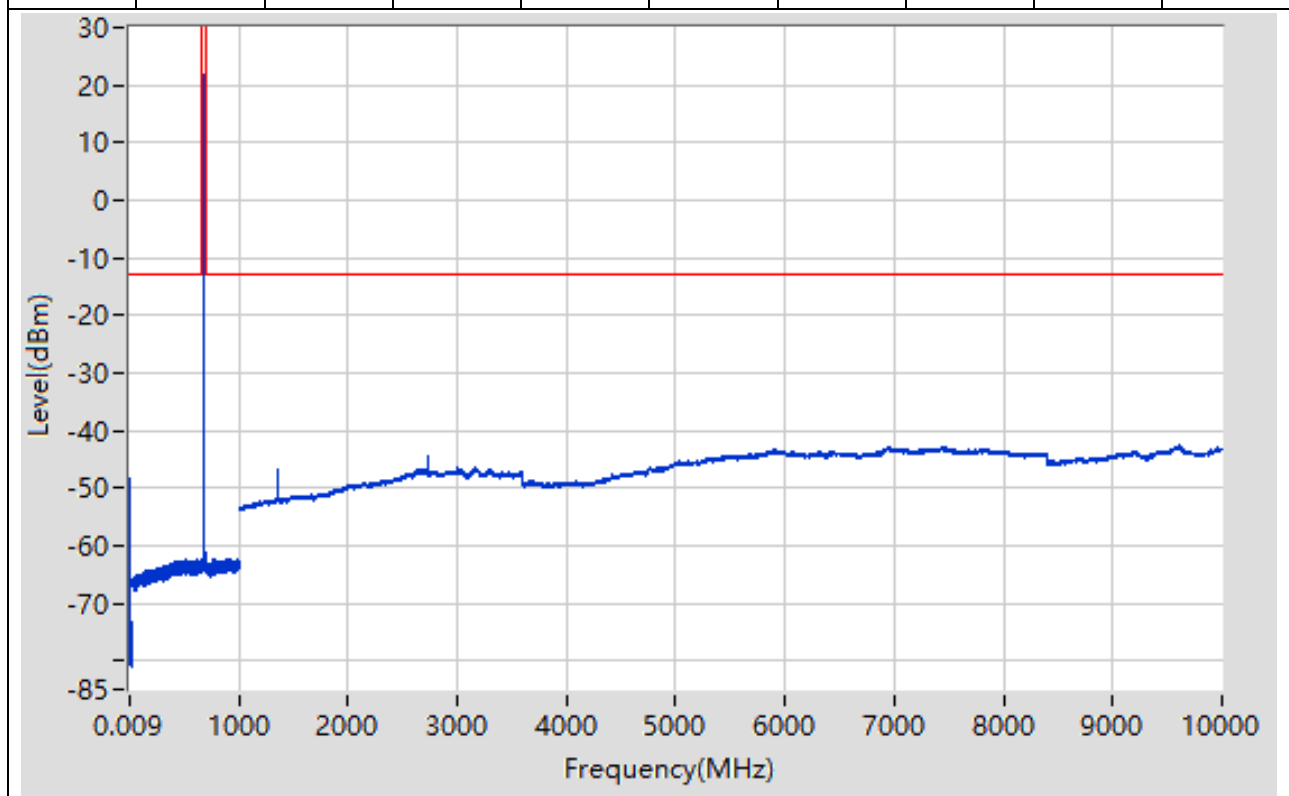
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-49.47	-13	36.47	Pass	401
0.15	30	0.01	RMS	0.17	-56.53	-13	43.53	Pass	2986
30	653	0.1	RMS	652.9	-62.09	-13	49.09	Pass	6231
653	708	0.1	RMS	663	21.72	60	38.28	Pass	551
708	1000	0.1	RMS	929.6	-62.15	-13	49.15	Pass	2921
1000	3000	1	RMS	1326	-45.45	-13	32.45	Pass	2001
3000	10000	1	RMS	9599	-42.56	-13	29.56	Pass	7001



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Mid

### 25.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-48.29	-13	35.29	Pass	401
0.15	30	0.01	RMS	0.15	-54.79	-13	41.79	Pass	2986
30	653	0.1	RMS	610.3	-62.22	-13	49.22	Pass	6231
653	708	0.1	RMS	680.4	21.8	60	38.2	Pass	551
708	1000	0.1	RMS	878.3	-62.22	-13	49.22	Pass	2921
1000	3000	1	RMS	2722	-44.28	-13	31.28	Pass	2001
3000	10000	1	RMS	9603	-42.62	-13	29.62	Pass	7001

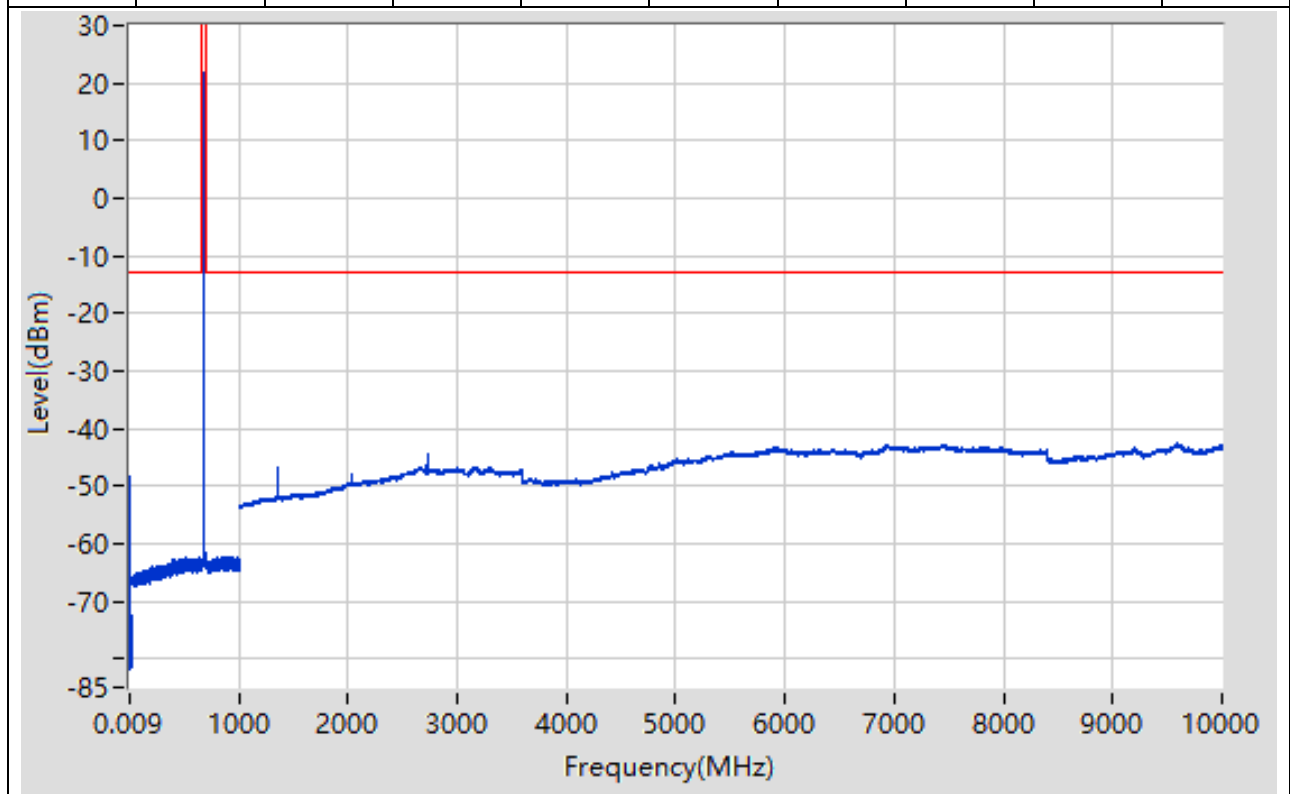




## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Mid

### 25.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

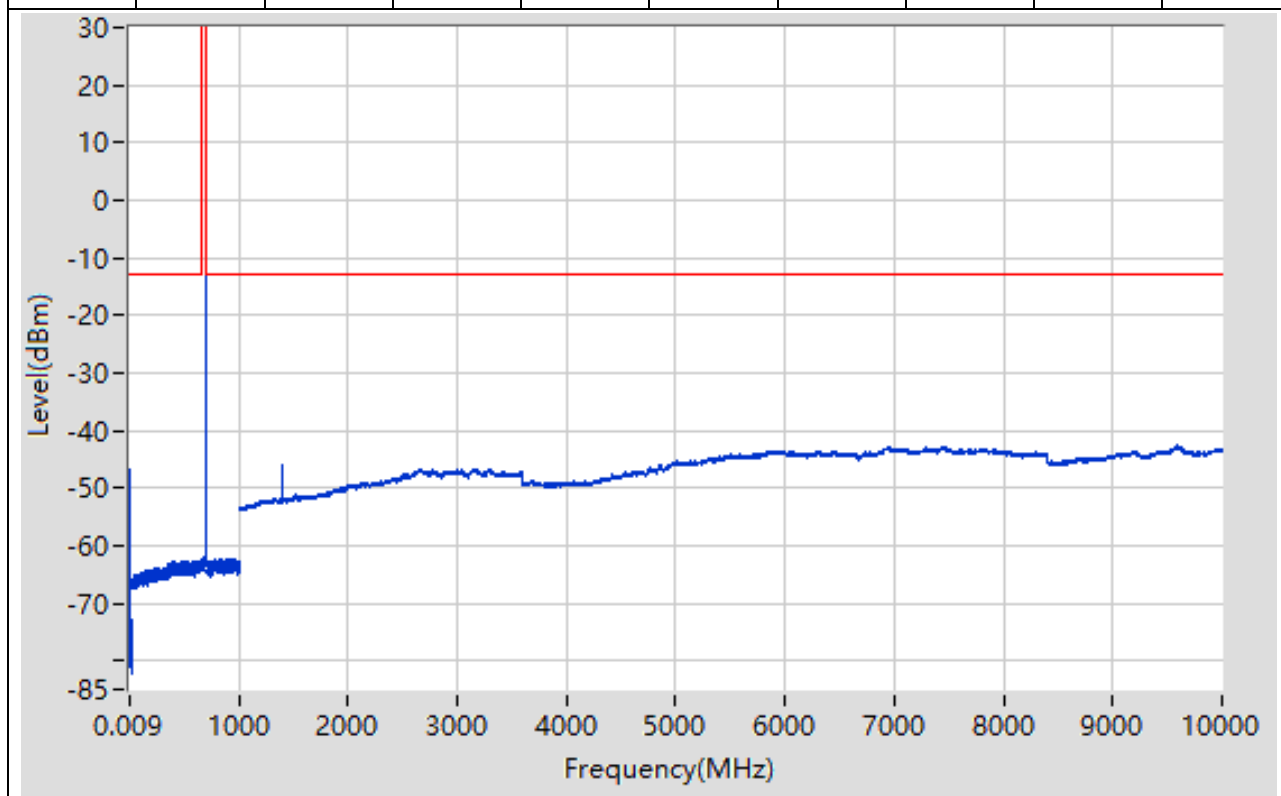
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.3	-13	35.3	Pass	401
0.15	30	0.01	RMS	0.15	-54.98	-13	41.98	Pass	2986
30	653	0.1	RMS	516.3	-62.32	-13	49.32	Pass	6231
653	708	0.1	RMS	680.4	21.72	60	38.28	Pass	551
708	1000	0.1	RMS	878.3	-62.31	-13	49.31	Pass	2921
1000	3000	1	RMS	2722	-44.52	-13	31.52	Pass	2001
3000	10000	1	RMS	9595	-42.53	-13	29.53	Pass	7001



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_High

### 25.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

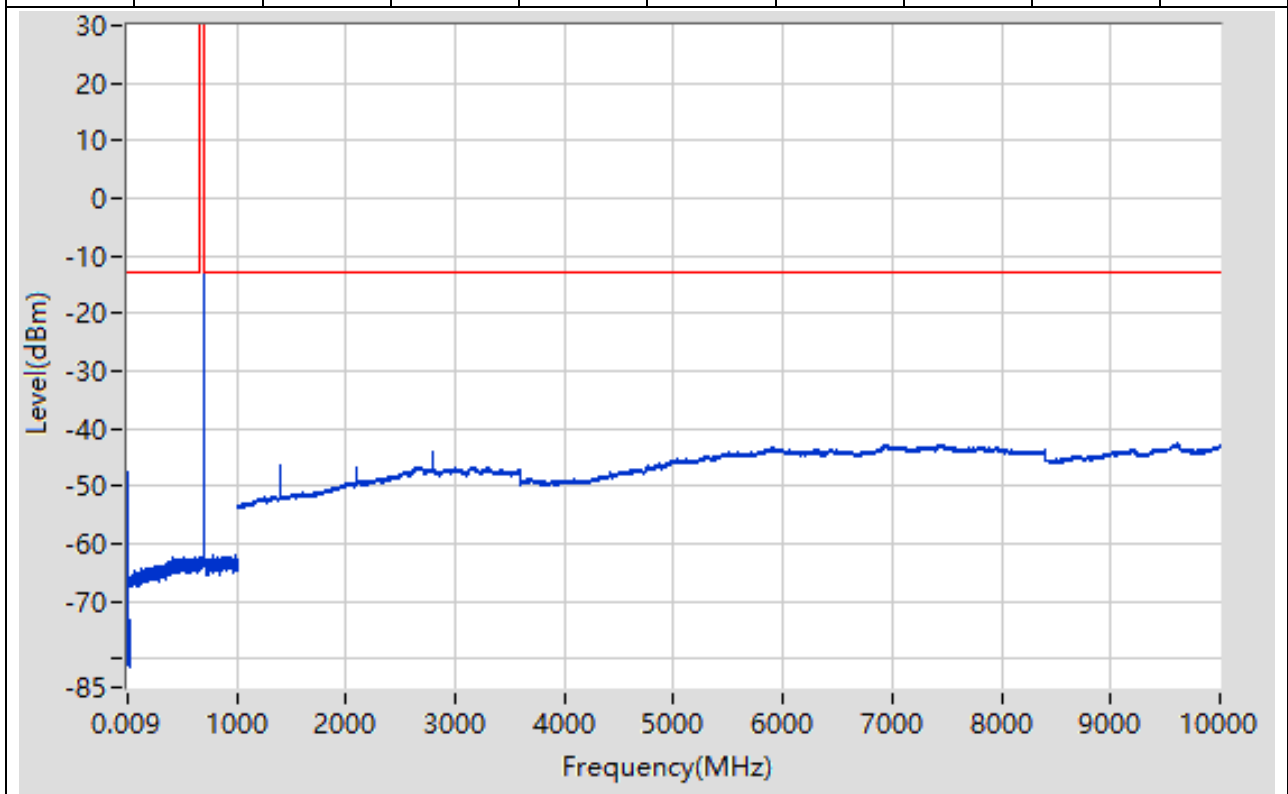
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-46.94	-13	33.94	Pass	401
0.15	30	0.01	RMS	0.16	-58.32	-13	45.32	Pass	2986
30	653	0.1	RMS	650.7	-62.55	-13	49.55	Pass	6231
653	708	0.1	RMS	697.8	21.73	60	38.27	Pass	551
708	1000	0.1	RMS	904.3	-62.28	-13	49.28	Pass	2921
1000	3000	1	RMS	1396	-46.2	-13	33.2	Pass	2001
3000	10000	1	RMS	9596	-42.61	-13	29.61	Pass	7001



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_High

### 25.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

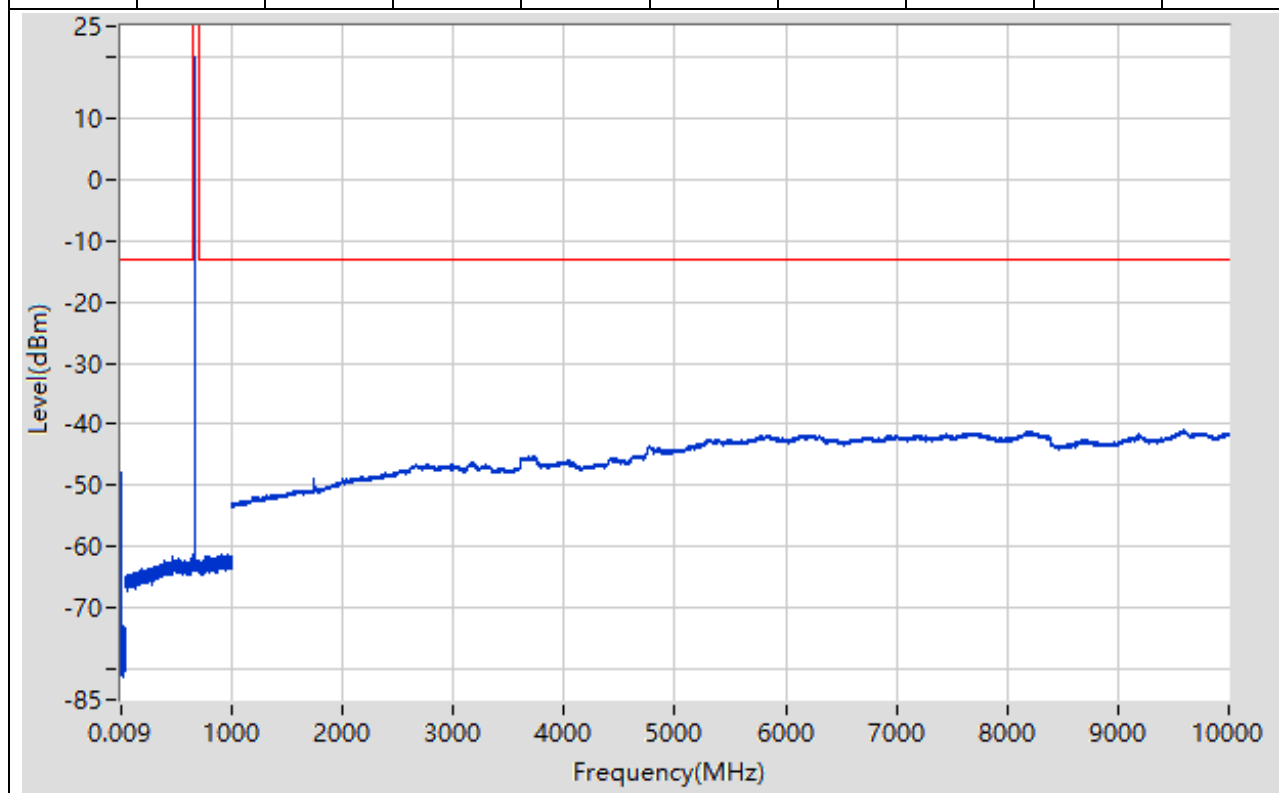
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-47.51	-13	34.51	Pass	401
0.15	30	0.01	RMS	0.15	-57.83	-13	44.83	Pass	2986
30	653	0.1	RMS	621.6	-62.42	-13	49.42	Pass	6231
653	708	0.1	RMS	697.8	21.69	60	38.31	Pass	551
708	1000	0.1	RMS	988.3	-62.02	-13	49.02	Pass	2921
1000	3000	1	RMS	2791	-43.93	-13	30.93	Pass	2001
3000	10000	1	RMS	9607	-42.67	-13	29.67	Pass	7001



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_Low

### 25.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

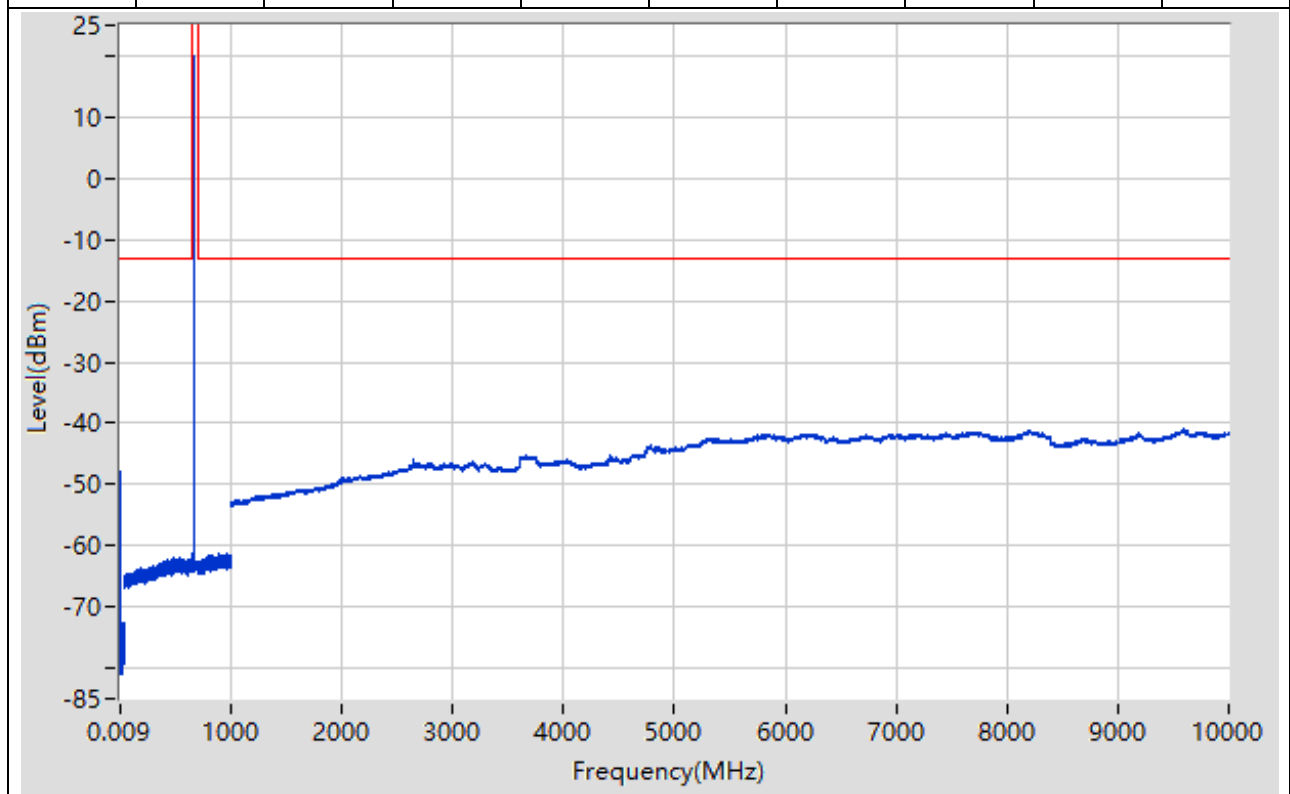
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-47.95	-13	34.95	Pass	401
0.15	30	0.01	RMS	0.16	-58.99	-13	45.99	Pass	2986
30	653	0.1	RMS	652.7	-61.67	-13	48.67	Pass	6231
653	708	0.1	RMS	663	19.94	60	40.06	Pass	551
708	1000	0.1	RMS	911.8	-61.35	-13	48.35	Pass	2921
1000	3000	1	RMS	2660	-46.51	-13	33.51	Pass	2001
3000	10000	1	RMS	9596	-40.93	-13	27.93	Pass	7001



## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_Low

### 25.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

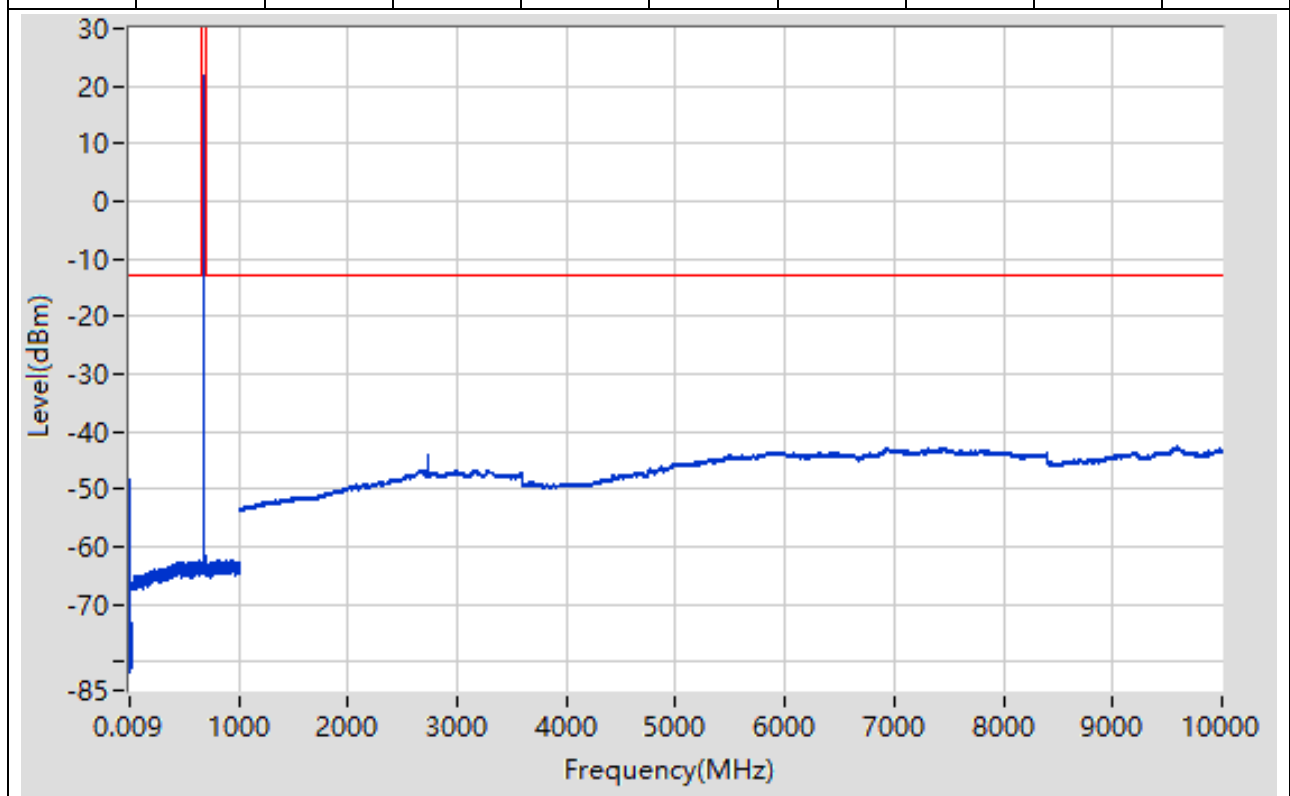
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48	-13	35	Pass	401
0.15	30	0.01	RMS	0.15	-54.49	-13	41.49	Pass	2986
30	653	0.1	RMS	652.8	-61.38	-13	48.38	Pass	6231
653	708	0.1	RMS	663	19.97	60	40.03	Pass	551
708	1000	0.1	RMS	969.7	-61.24	-13	48.24	Pass	2921
1000	3000	1	RMS	2652	-45.78	-13	32.78	Pass	2001
3000	10000	1	RMS	9600	-40.94	-13	27.94	Pass	7001



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_Mid

### 25.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

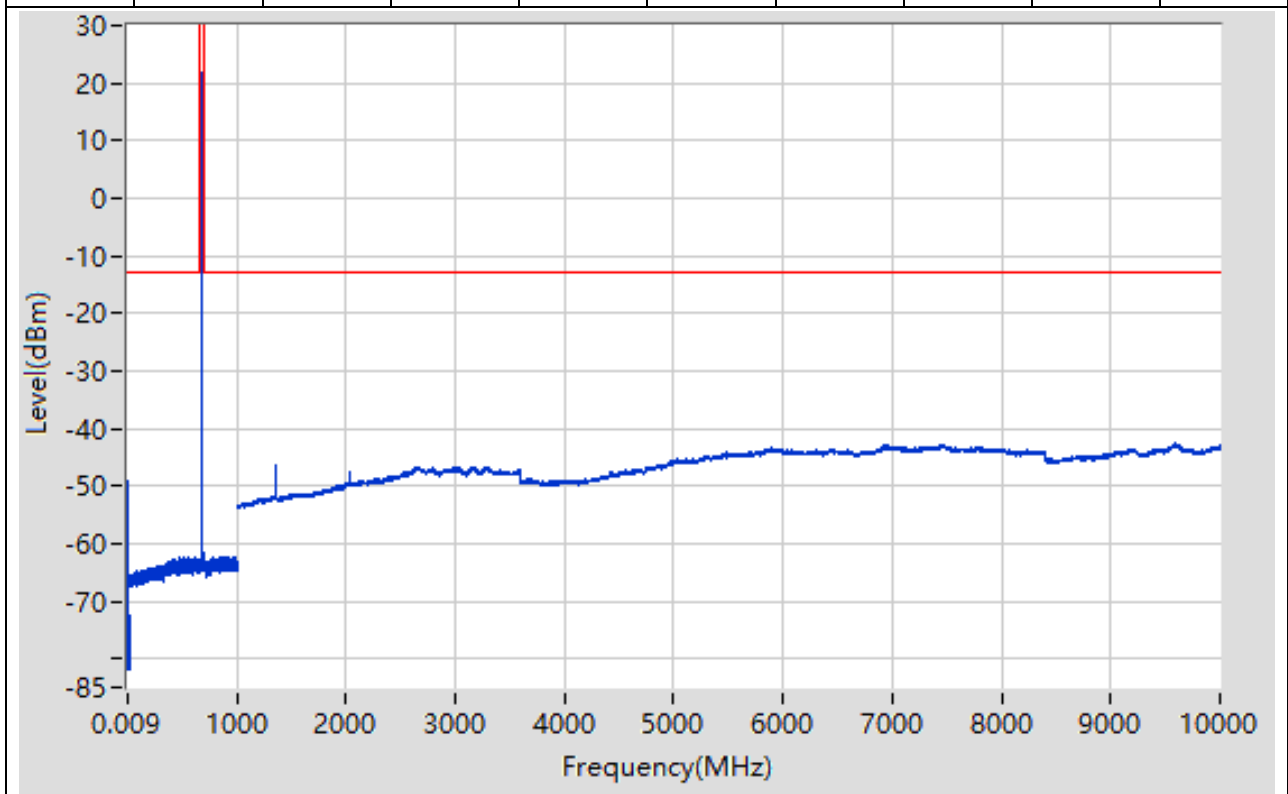
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-48.28	-13	35.28	Pass	401
0.15	30	0.01	RMS	0.15	-55.59	-13	42.59	Pass	2986
30	653	0.1	RMS	645.8	-62.5	-13	49.5	Pass	6231
653	708	0.1	RMS	680.4	21.82	60	38.18	Pass	551
708	1000	0.1	RMS	875.7	-62.31	-13	49.31	Pass	2921
1000	3000	1	RMS	2722	-44.06	-13	31.06	Pass	2001
3000	10000	1	RMS	9596	-42.67	-13	29.67	Pass	7001



## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_Mid

### 25.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

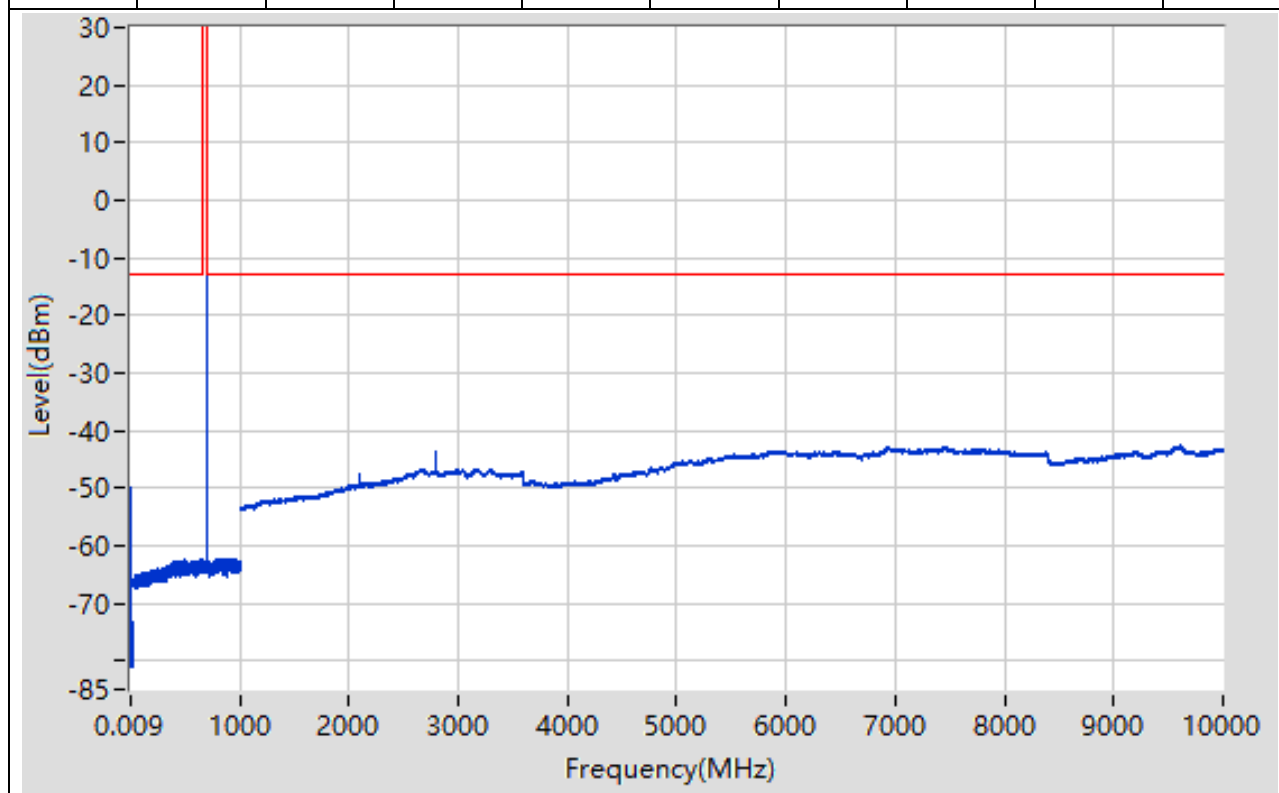
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-49.1	-13	36.1	Pass	401
0.15	30	0.01	RMS	0.15	-55.82	-13	42.82	Pass	2986
30	653	0.1	RMS	611.9	-62.32	-13	49.32	Pass	6231
653	708	0.1	RMS	680.4	21.71	60	38.29	Pass	551
708	1000	0.1	RMS	840.8	-62.31	-13	49.31	Pass	2921
1000	3000	1	RMS	1361	-46.28	-13	33.28	Pass	2001
3000	10000	1	RMS	9597	-42.69	-13	29.69	Pass	7001



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_High

### 25.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-49.88	-13	36.88	Pass	401
0.15	30	0.01	RMS	0.15	-57.2	-13	44.2	Pass	2986
30	653	0.1	RMS	643.6	-62.45	-13	49.45	Pass	6231
653	708	0.1	RMS	697.8	21.7	60	38.3	Pass	551
708	1000	0.1	RMS	925.7	-62.23	-13	49.23	Pass	2921
1000	3000	1	RMS	2791	-43.59	-13	30.59	Pass	2001
3000	10000	1	RMS	9601	-42.66	-13	29.66	Pass	7001

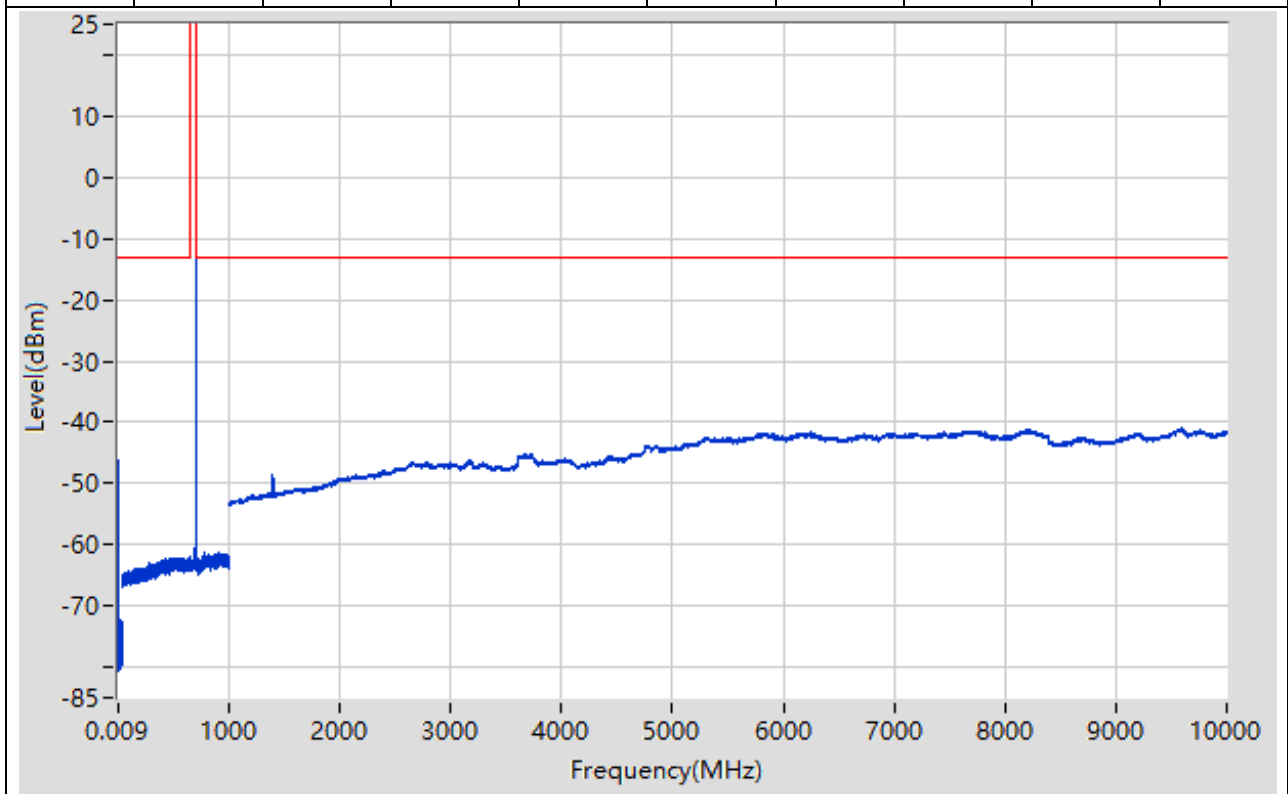




## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_High

### 25.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

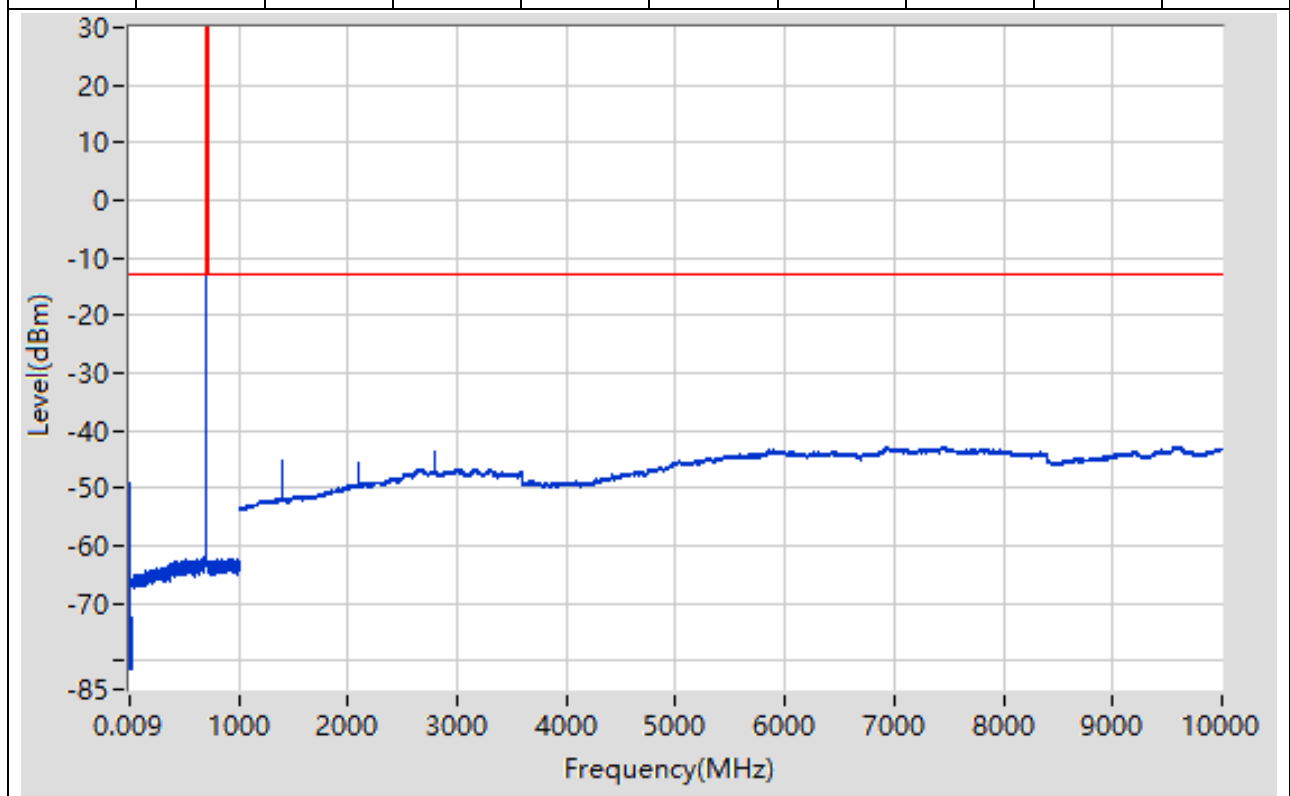
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-46.17	-13	33.17	Pass	401
0.15	30	0.01	RMS	0.15	-55.09	-13	42.09	Pass	2986
30	653	0.1	RMS	649.4	-61.94	-13	48.94	Pass	6231
653	708	0.1	RMS	697.8	19.81	60	40.19	Pass	551
708	1000	0.1	RMS	780.2	-61.36	-13	48.36	Pass	2921
1000	3000	1	RMS	2652	-46.51	-13	33.51	Pass	2001
3000	10000	1	RMS	9598	-40.99	-13	27.99	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_Low

### 26.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

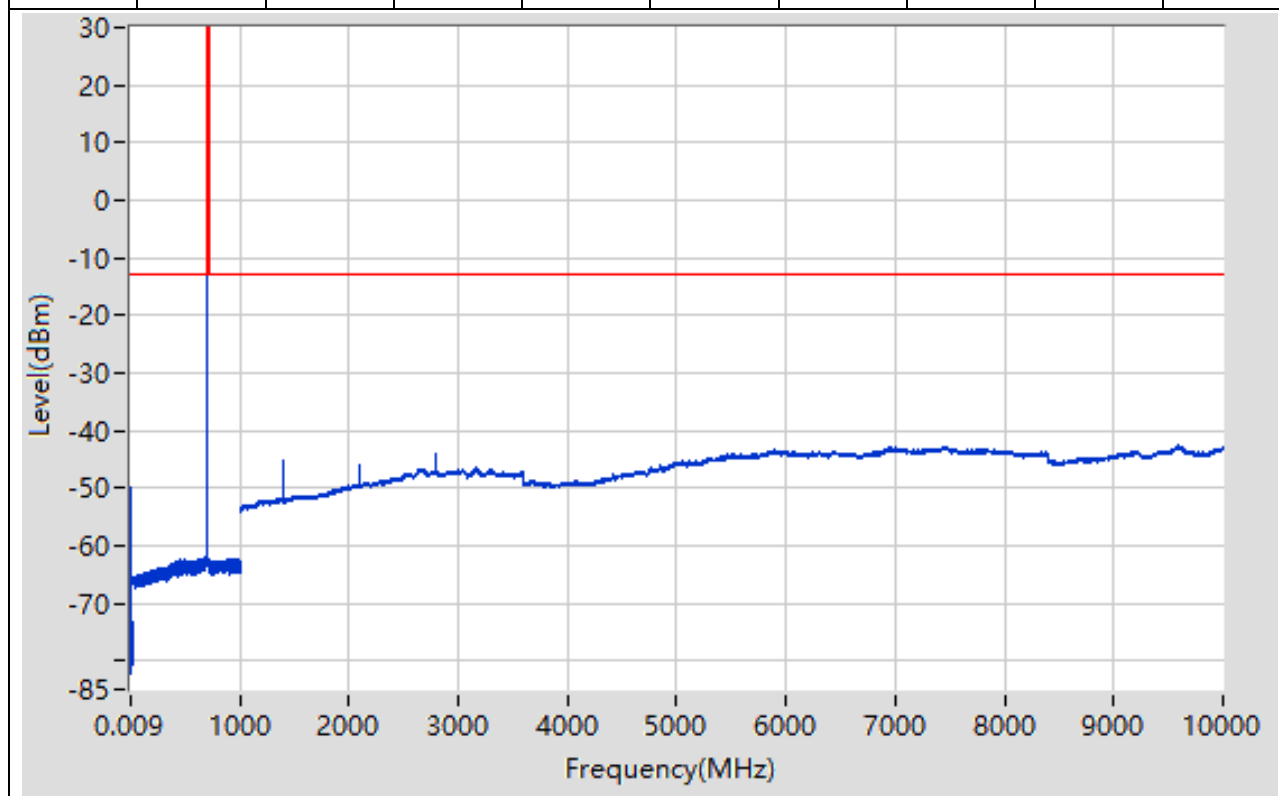
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-49	-13	36	Pass	401
0.15	30	0.01	RMS	0.16	-55.42	-13	42.42	Pass	2986
30	688	0.1	RMS	679.2	-62.07	-13	49.07	Pass	6581
688	726	0.1	RMS	697.975	20.78	60	39.22	Pass	401
726	1000	0.1	RMS	901.3	-62.31	-13	49.31	Pass	2741
1000	3000	1	RMS	2792	-43.57	-13	30.57	Pass	2001
3000	10000	1	RMS	9583	-42.74	-13	29.74	Pass	7001



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_Low

### 26.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

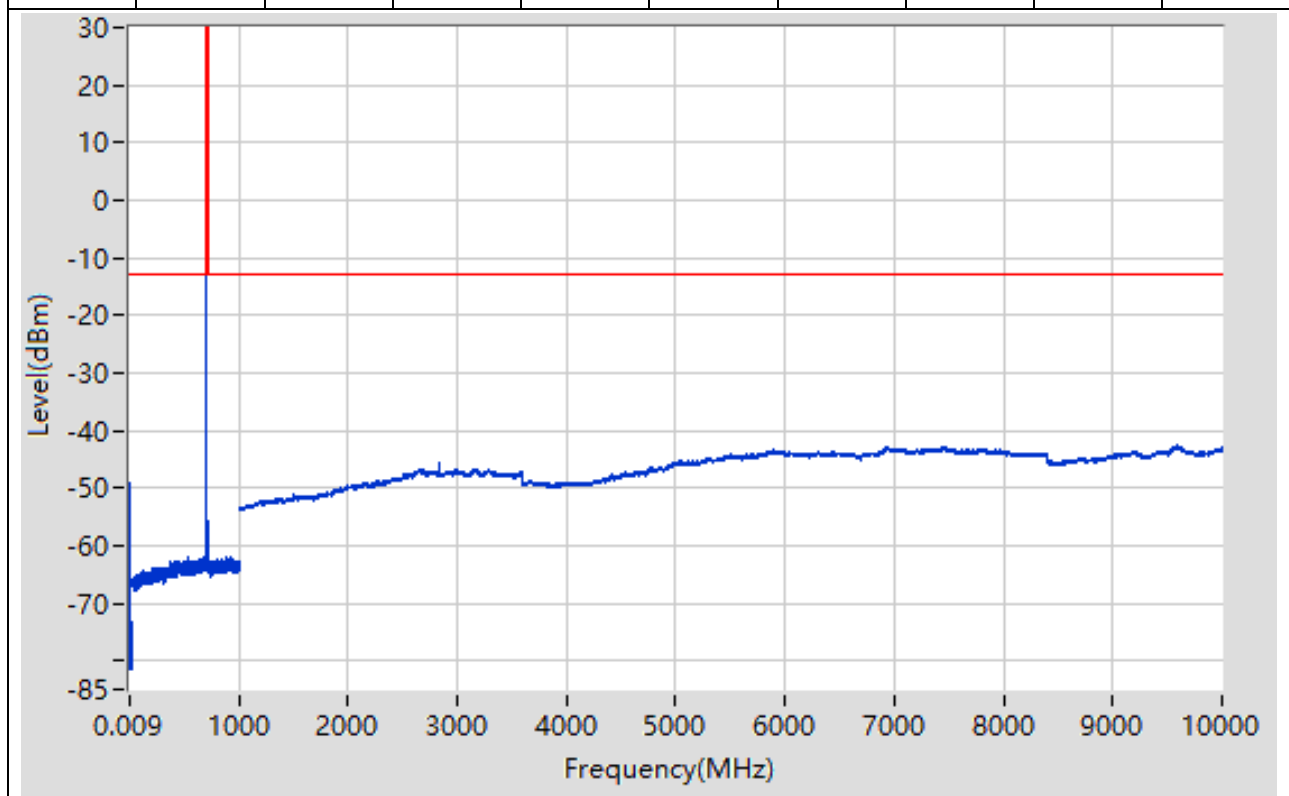
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-49.84	-13	36.84	Pass	401
0.15	30	0.01	RMS	0.16	-55.28	-13	42.28	Pass	2986
30	688	0.1	RMS	687.1	-61.94	-13	48.94	Pass	6581
688	726	0.1	RMS	697.975	20.77	60	39.23	Pass	401
726	1000	0.1	RMS	972.2	-62.36	-13	49.36	Pass	2741
1000	3000	1	RMS	2792	-44.18	-13	31.18	Pass	2001
3000	10000	1	RMS	9595	-42.69	-13	29.69	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_Mid

### 26.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

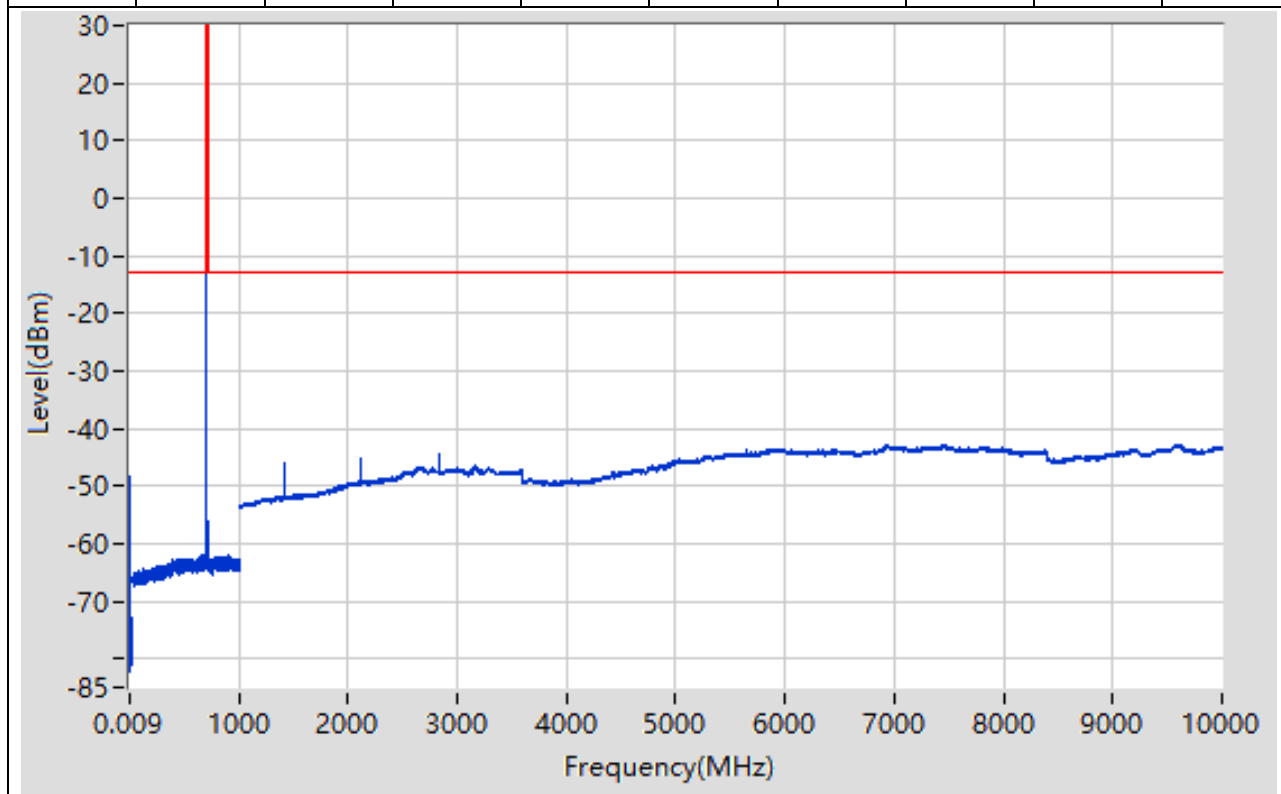
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-49.06	-13	36.06	Pass	401
0.15	30	0.01	RMS	0.16	-57.11	-13	44.11	Pass	2986
30	688	0.1	RMS	670.7	-62.15	-13	49.15	Pass	6581
688	726	0.1	RMS	706.905	21.75	60	38.25	Pass	401
726	1000	0.1	RMS	889.2	-61.96	-13	48.96	Pass	2741
1000	3000	1	RMS	2827	-45.6	-13	32.6	Pass	2001
3000	10000	1	RMS	9589	-42.66	-13	29.66	Pass	7001



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_Mid

### 26.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

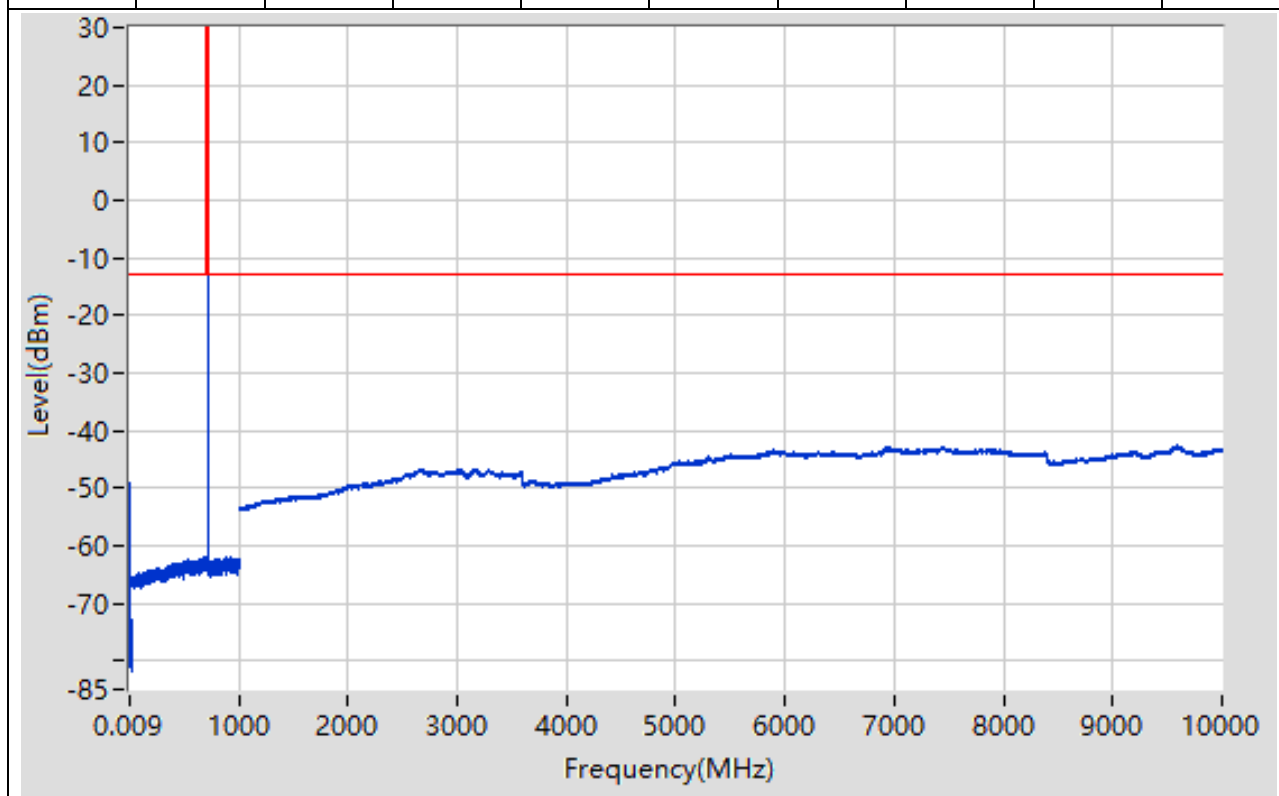
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-48.25	-13	35.25	Pass	401
0.15	30	0.01	RMS	0.17	-57.43	-13	44.43	Pass	2986
30	688	0.1	RMS	665	-62.08	-13	49.08	Pass	6581
688	726	0.1	RMS	706.905	21.68	60	38.32	Pass	401
726	1000	0.1	RMS	894.8	-62.11	-13	49.11	Pass	2741
1000	3000	1	RMS	2828	-44.36	-13	31.36	Pass	2001
3000	10000	1	RMS	9601	-42.71	-13	29.71	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_High

### 26.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

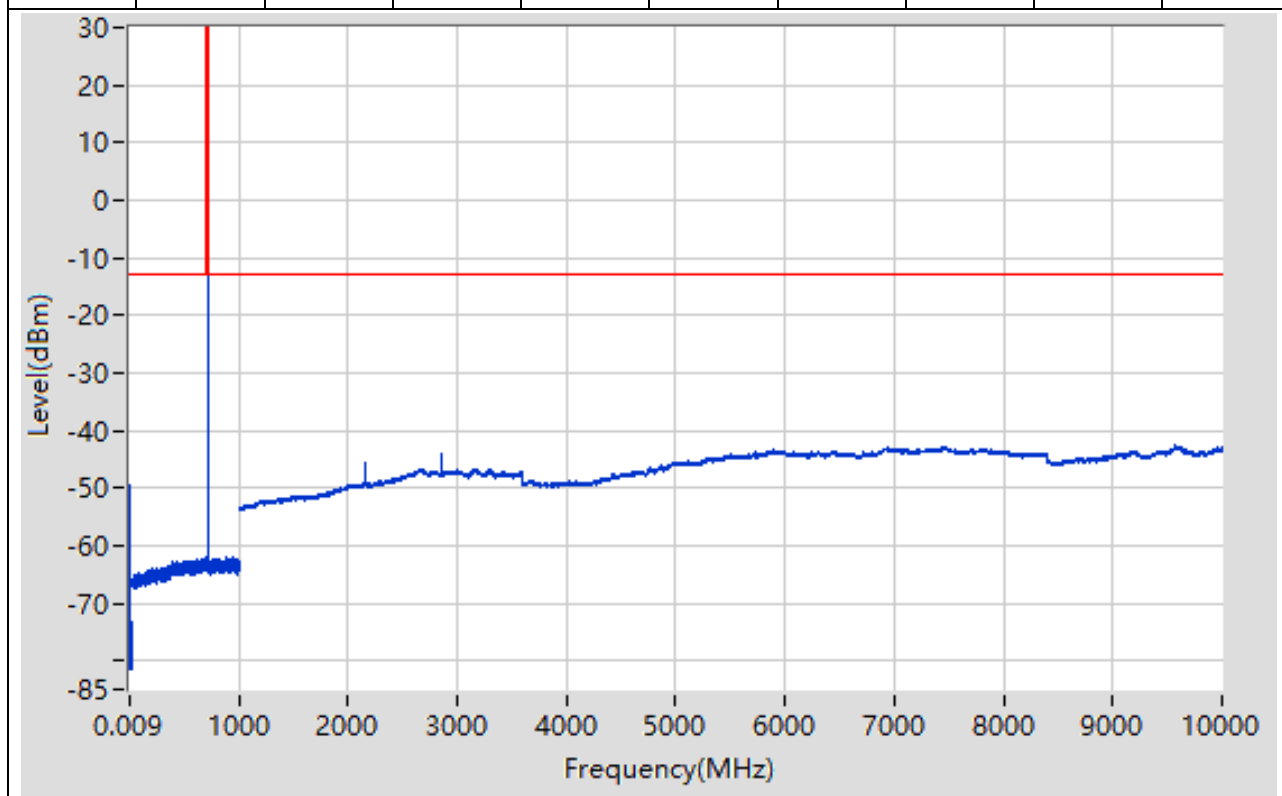
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-49.03	-13	36.03	Pass	401
0.15	30	0.01	RMS	0.15	-55.93	-13	42.93	Pass	2986
30	688	0.1	RMS	683	-62.12	-13	49.12	Pass	6581
688	726	0.1	RMS	715.835	20.79	60	39.21	Pass	401
726	1000	0.1	RMS	888.3	-62.12	-13	49.12	Pass	2741
1000	3000	1	RMS	2669	-46.63	-13	33.63	Pass	2001
3000	10000	1	RMS	9599	-42.62	-13	29.62	Pass	7001



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_High

### 26.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

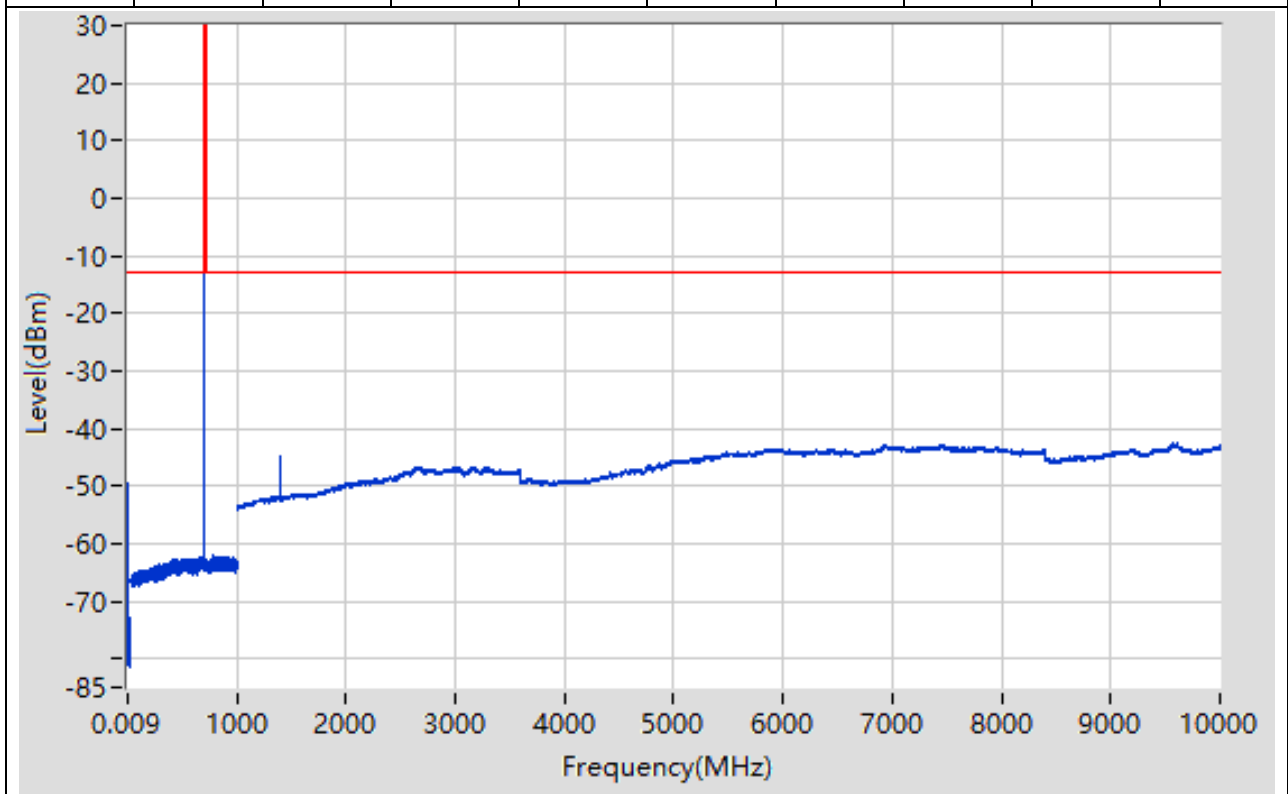
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-49.38	-13	36.38	Pass	401
0.15	30	0.01	RMS	0.15	-55.52	-13	42.52	Pass	2986
30	688	0.1	RMS	687	-62.3	-13	49.3	Pass	6581
688	726	0.1	RMS	715.835	21.24	60	38.76	Pass	401
726	1000	0.1	RMS	889.7	-62.14	-13	49.14	Pass	2741
1000	3000	1	RMS	2863	-44.21	-13	31.21	Pass	2001
3000	10000	1	RMS	9569	-42.69	-13	29.69	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_Low

### 26.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-49.61	-13	36.61	Pass	401
0.15	30	0.01	RMS	0.16	-55.63	-13	42.63	Pass	2986
30	688	0.1	RMS	687.4	-62.28	-13	49.28	Pass	6581
688	726	0.1	RMS	697.975	20.53	60	39.47	Pass	401
726	1000	0.1	RMS	786.8	-62.14	-13	49.14	Pass	2741
1000	3000	1	RMS	1396	-44.87	-13	31.87	Pass	2001
3000	10000	1	RMS	9576	-42.6	-13	29.6	Pass	7001

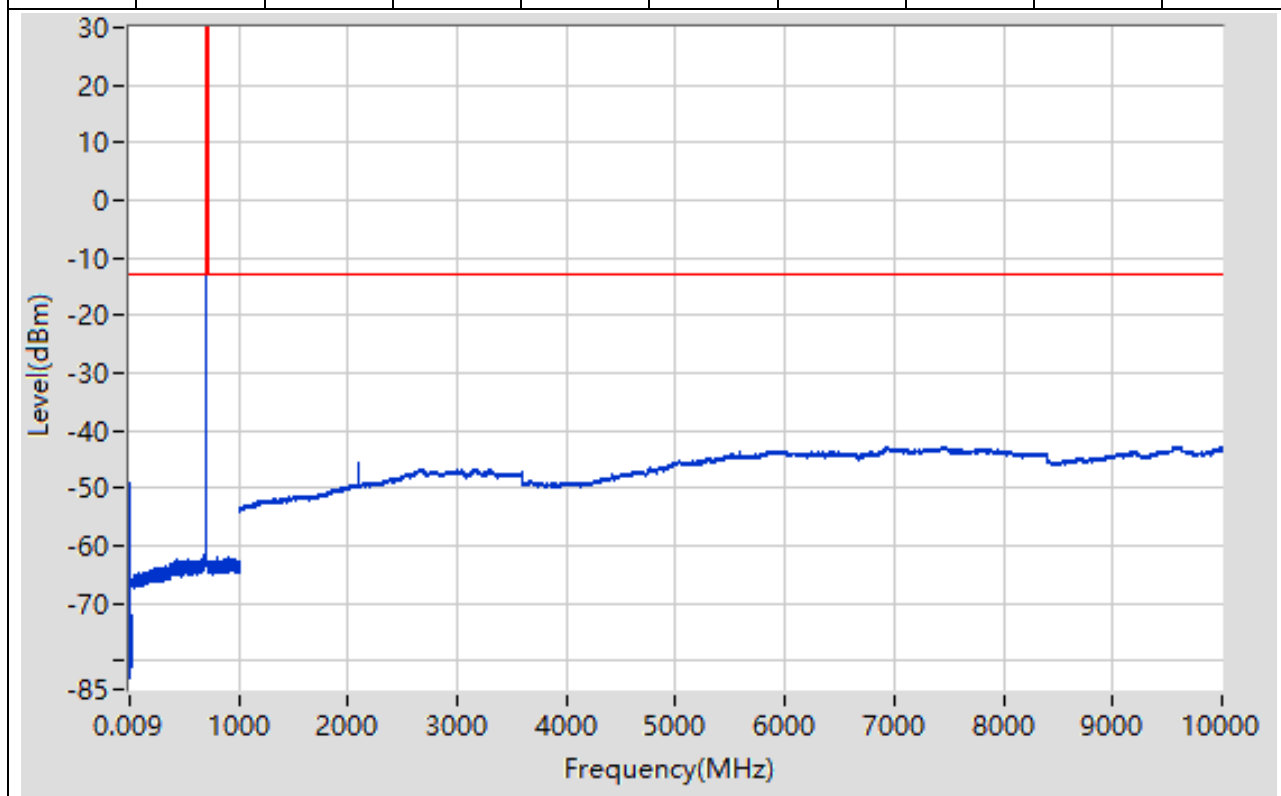




## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_Low

### 26.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

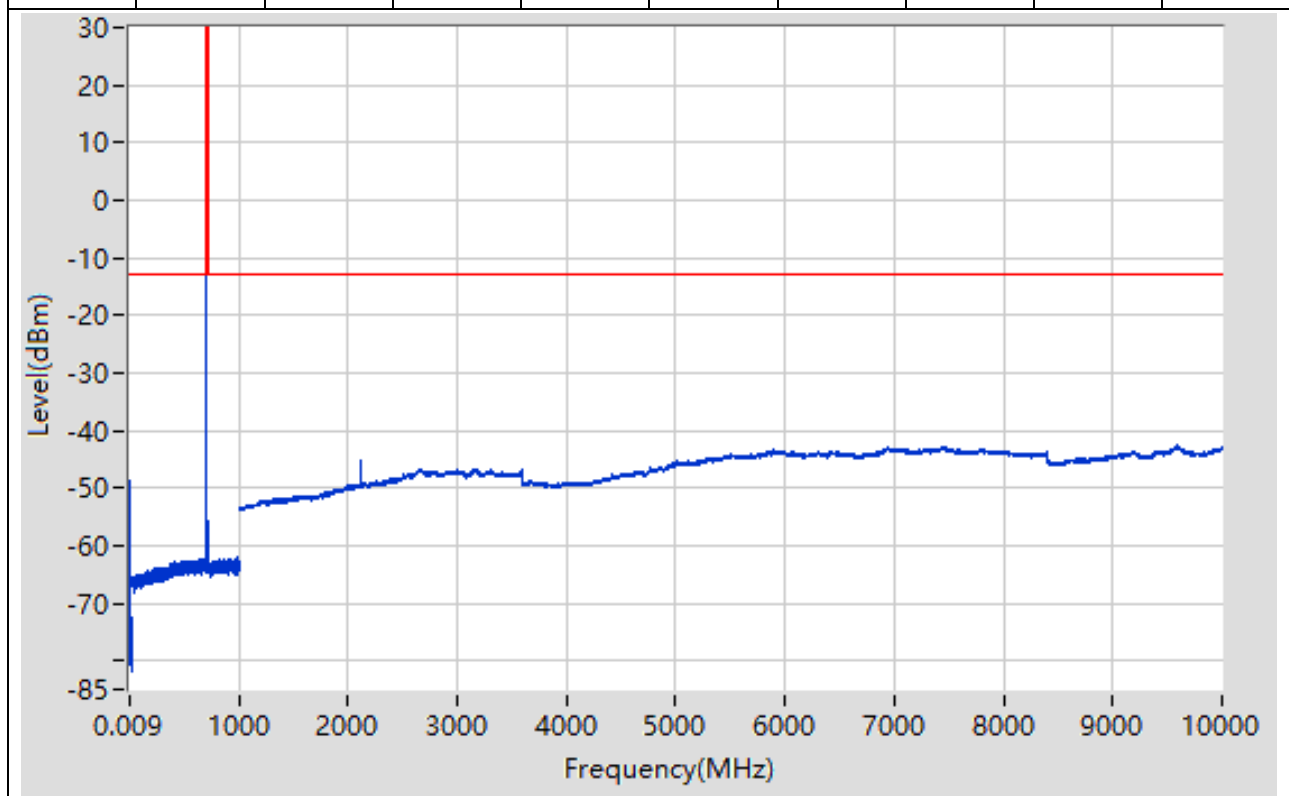
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-49.24	-13	36.24	Pass	401
0.15	30	0.01	RMS	0.15	-54.56	-13	41.56	Pass	2986
30	688	0.1	RMS	687.8	-61.79	-13	48.79	Pass	6581
688	726	0.1	RMS	697.975	20.55	60	39.45	Pass	401
726	1000	0.1	RMS	805.7	-62.16	-13	49.16	Pass	2741
1000	3000	1	RMS	2094	-45.47	-13	32.47	Pass	2001
3000	10000	1	RMS	9602	-42.71	-13	29.71	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_Mid

### 26.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

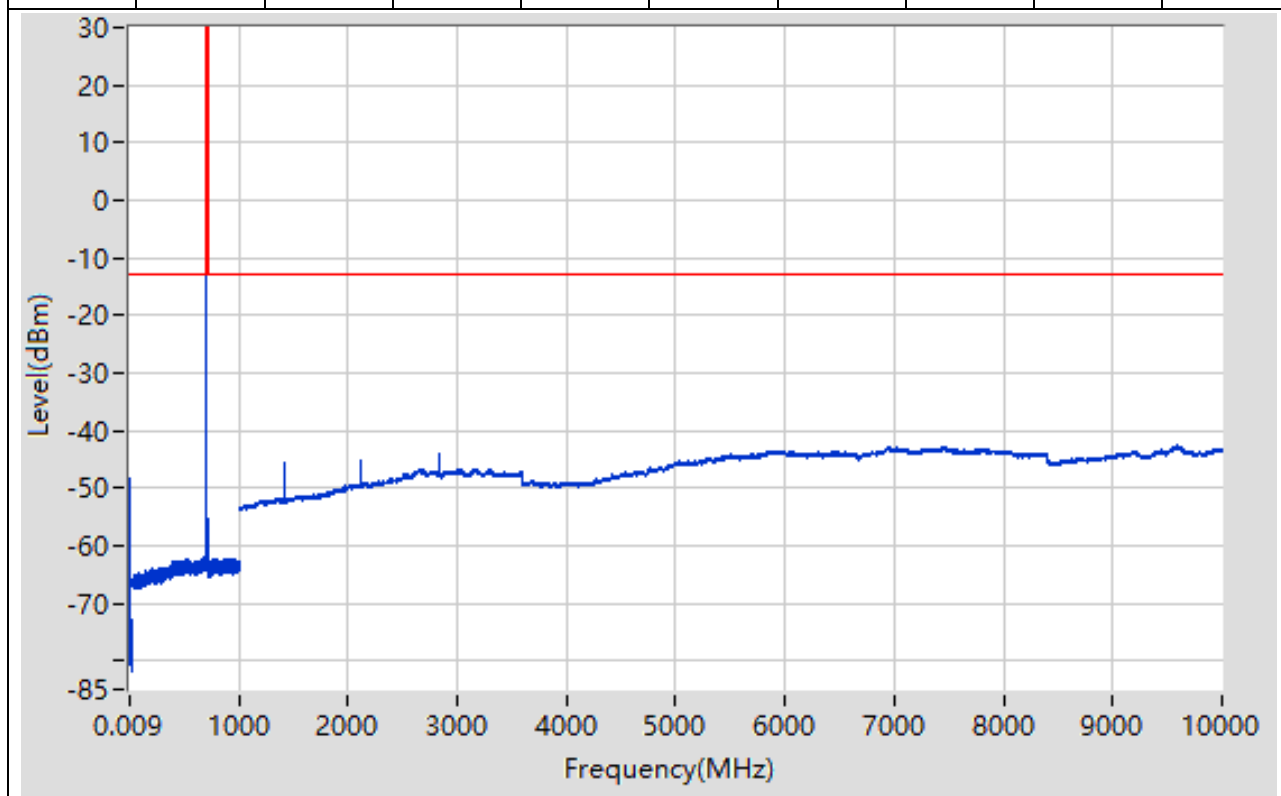
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-48.77	-13	35.77	Pass	401
0.15	30	0.01	RMS	0.15	-54.38	-13	41.38	Pass	2986
30	688	0.1	RMS	672.4	-62.26	-13	49.26	Pass	6581
688	726	0.1	RMS	706.905	21.68	60	38.32	Pass	401
726	1000	0.1	RMS	987.6	-62.05	-13	49.05	Pass	2741
1000	3000	1	RMS	2121	-45.21	-13	32.21	Pass	2001
3000	10000	1	RMS	9583	-42.63	-13	29.63	Pass	7001



## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_Mid

### 26.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

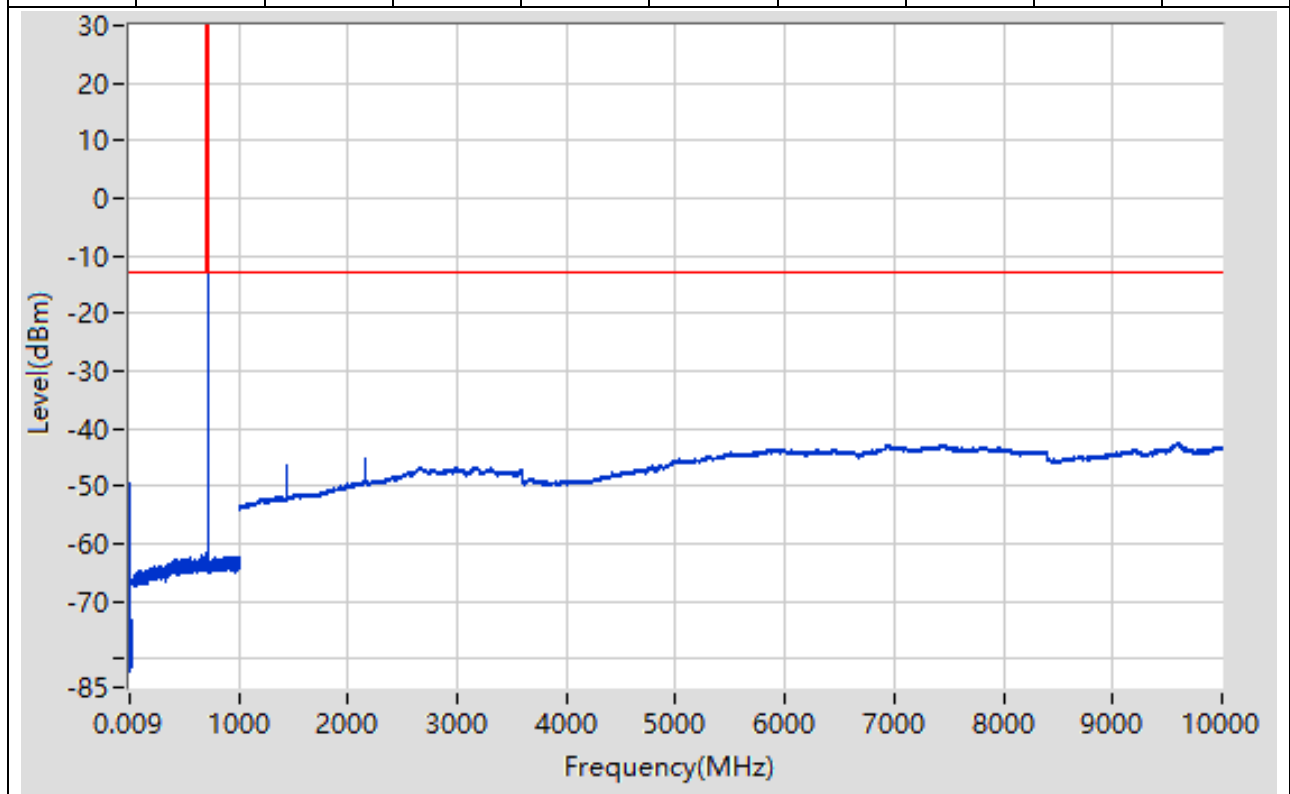
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-48.49	-13	35.49	Pass	401
0.15	30	0.01	RMS	0.17	-56.19	-13	43.19	Pass	2986
30	688	0.1	RMS	685.8	-62.17	-13	49.17	Pass	6581
688	726	0.1	RMS	706.905	21.7	60	38.3	Pass	401
726	1000	0.1	RMS	929.1	-62.2	-13	49.2	Pass	2741
1000	3000	1	RMS	2828	-44.03	-13	31.03	Pass	2001
3000	10000	1	RMS	9595	-42.68	-13	29.68	Pass	7001



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_High

### 26.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

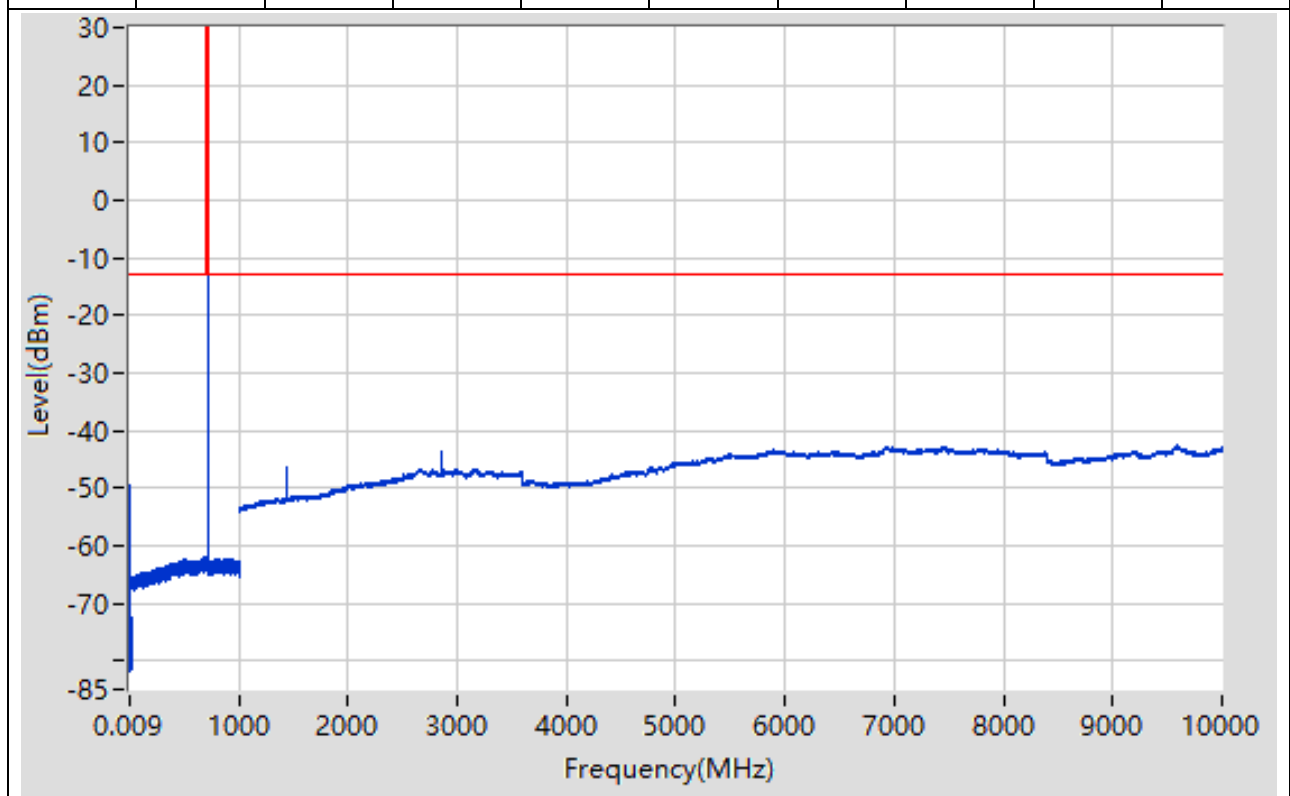
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-49.51	-13	36.51	Pass	401
0.15	30	0.01	RMS	0.17	-56.56	-13	43.56	Pass	2986
30	688	0.1	RMS	667.1	-62.13	-13	49.13	Pass	6581
688	726	0.1	RMS	715.835	21.47	60	38.53	Pass	401
726	1000	0.1	RMS	996	-62.39	-13	49.39	Pass	2741
1000	3000	1	RMS	2147	-45.28	-13	32.28	Pass	2001
3000	10000	1	RMS	9590	-42.63	-13	29.63	Pass	7001



## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_High

### 26.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

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	-49.33	-13	36.33	Pass	401
0.15	30	0.01	RMS	0.15	-53.93	-13	40.93	Pass	2986
30	688	0.1	RMS	681.8	-62.18	-13	49.18	Pass	6581
688	726	0.1	RMS	715.835	21.48	60	38.52	Pass	401
726	1000	0.1	RMS	726.1	-61.95	-13	48.95	Pass	2741
1000	3000	1	RMS	2863	-43.74	-13	30.74	Pass	2001
3000	10000	1	RMS	9583	-42.67	-13	29.67	Pass	7001



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