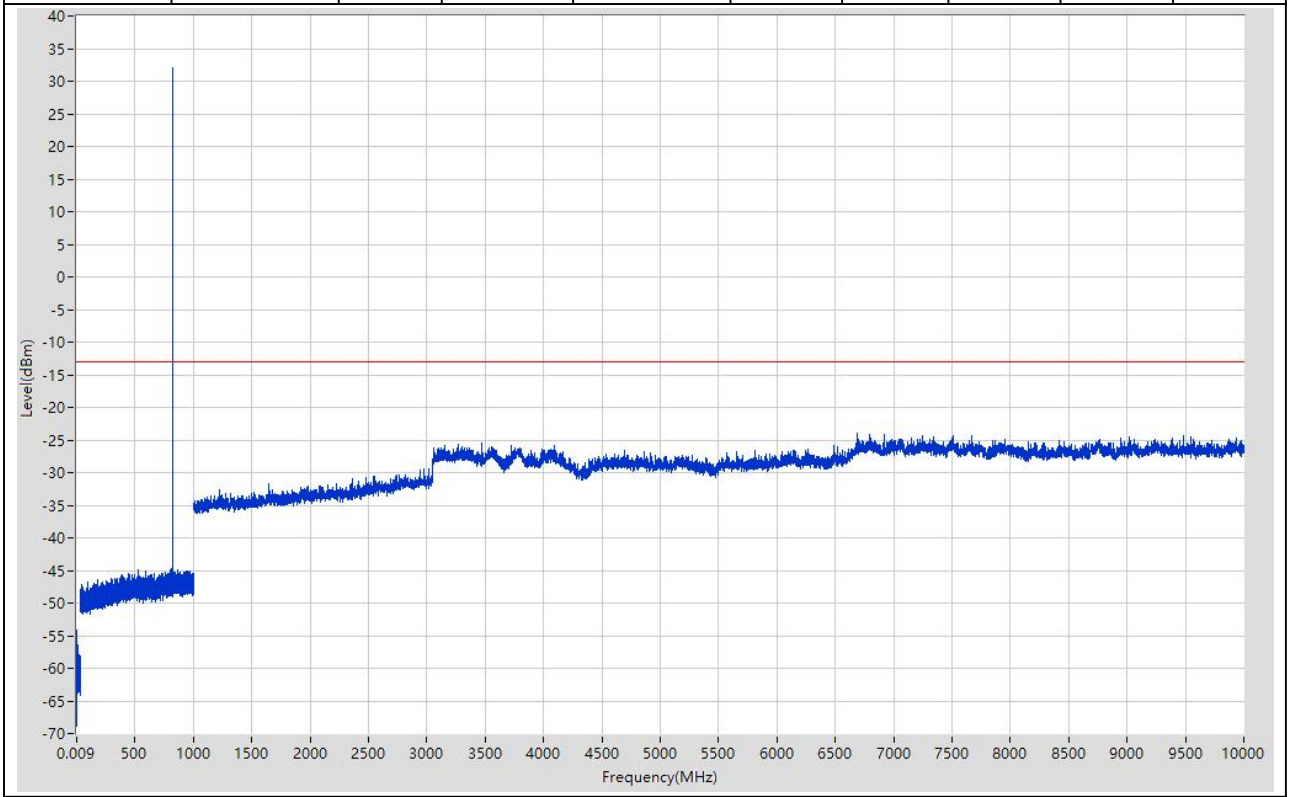
Annex A.5 Spurious Emission at Antenna Terminals

1. GSM_GSM850

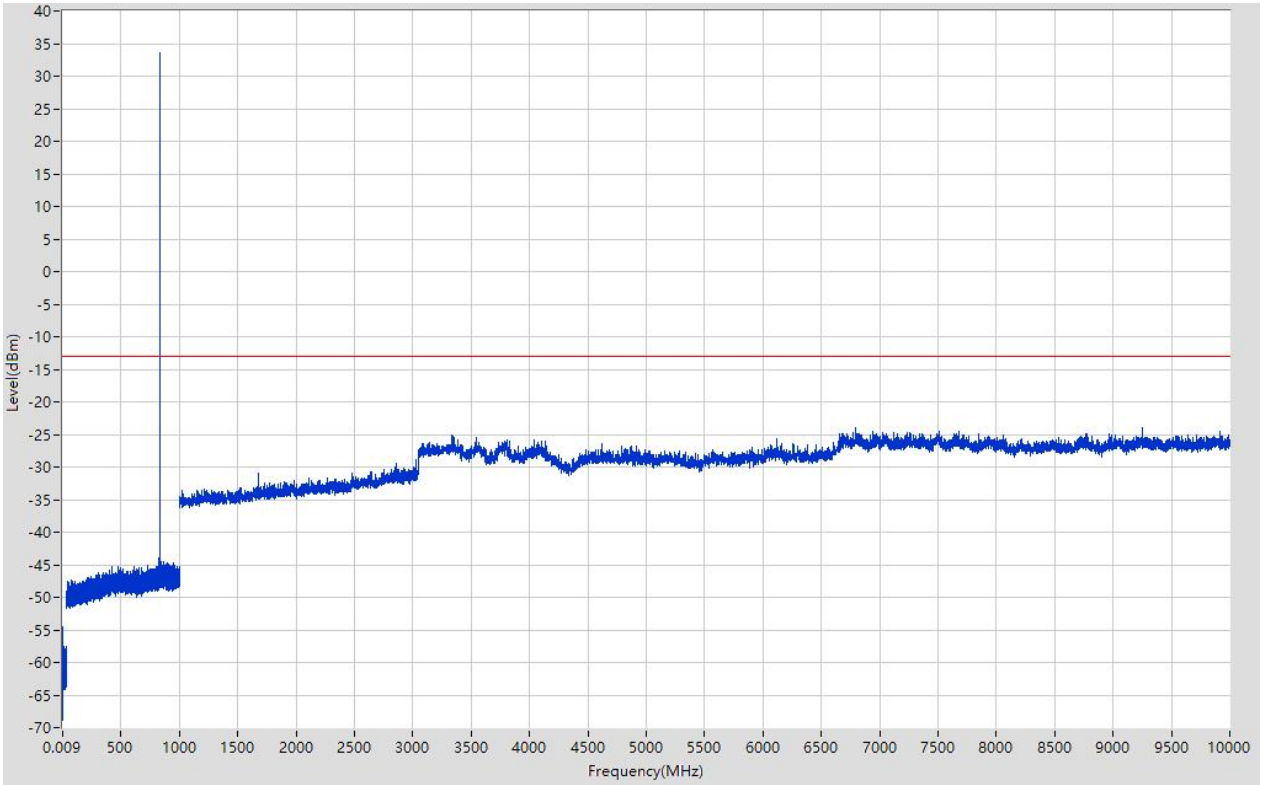
1.1 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-55.34	-13	42.34	Pass	401
0.15	30	0.01	Peak	0.15	-54.12	-13	41.12	Pass	2986
30	500	0.1	Peak	442.1	-45.49	-13	32.49	Pass	4701
500	1000	0.1	Peak	824.1	32.07	-13	-45.07	Pass	5001
1000	10000	1	Peak	6691	-23.94	-13	10.94	Pass	9002



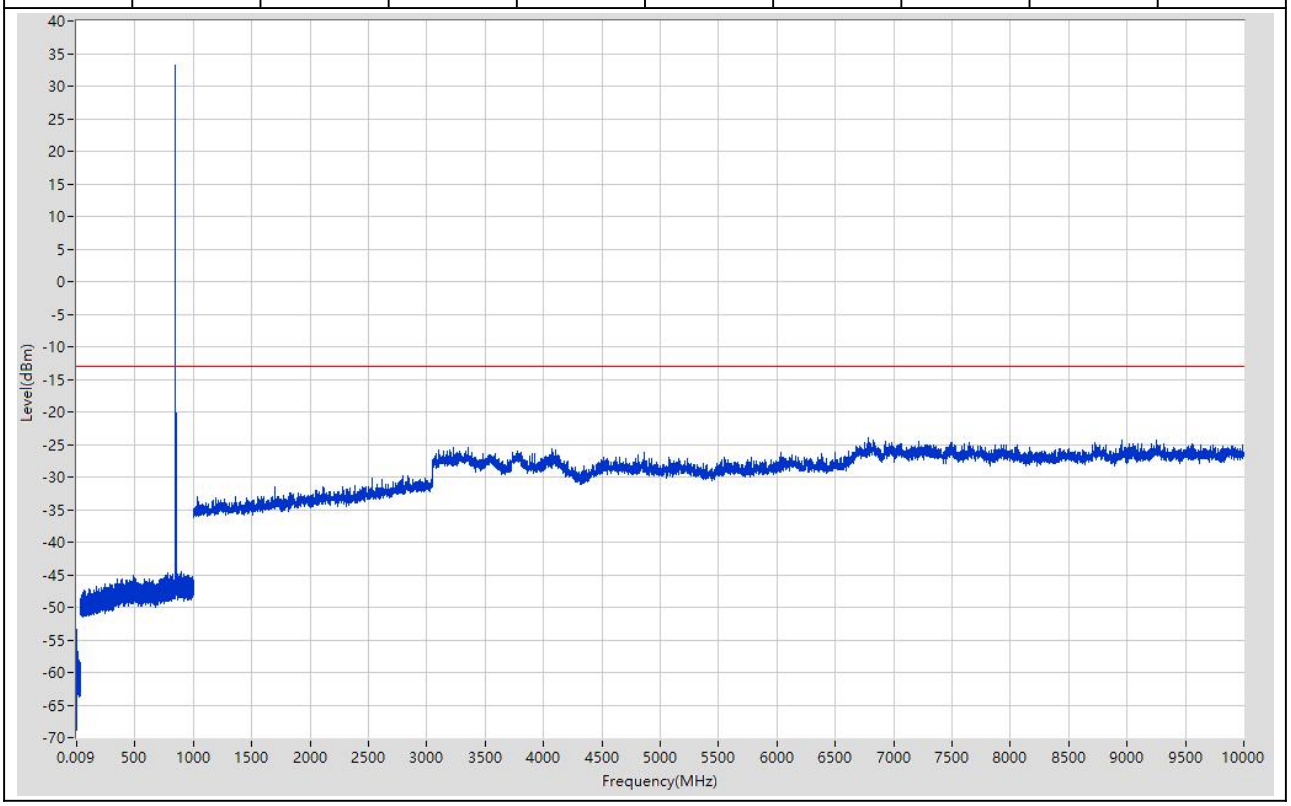
1.2 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:190)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-55.4	-13	42.4	Pass	401
0.15	30	0.01	Peak	0.16	-54.48	-13	41.48	Pass	2986
30	500	0.1	Peak	477.6	-45.25	-13	32.25	Pass	4701
500	1000	0.1	Peak	836.5	33.55	-13	-46.55	Pass	5001
1000	10000	1	Peak	6798	-23.99	-13	10.99	Pass	9002



1.3 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:251)

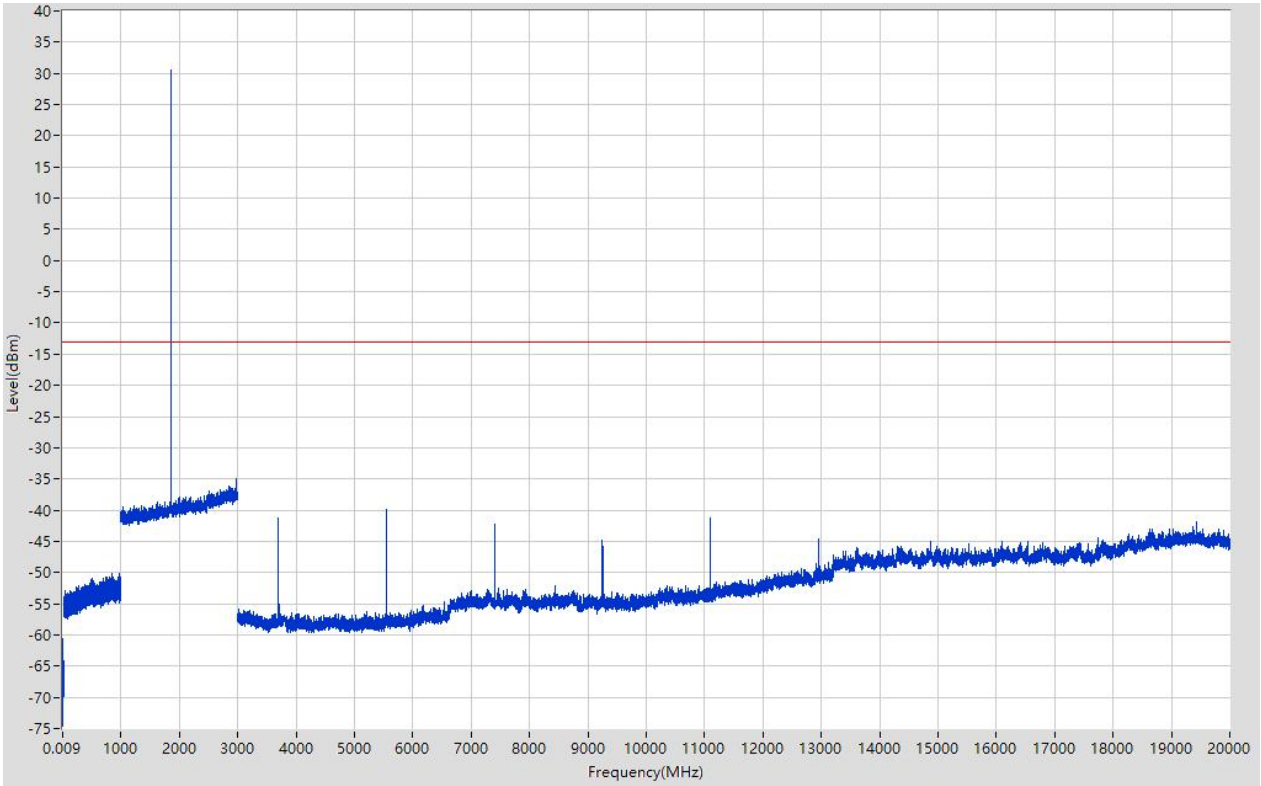
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-55.26	-13	42.26	Pass	401
0.15	30	0.01	Peak	0.23	-53.48	-13	40.48	Pass	2986
30	500	0.1	Peak	489.7	-45.08	-13	32.08	Pass	4701
500	1000	0.1	Peak	848.9	33.3	-13	-46.3	Pass	5001
1000	10000	1	Peak	6787	-24.04	-13	11.04	Pass	9002



2. GSM_PCS

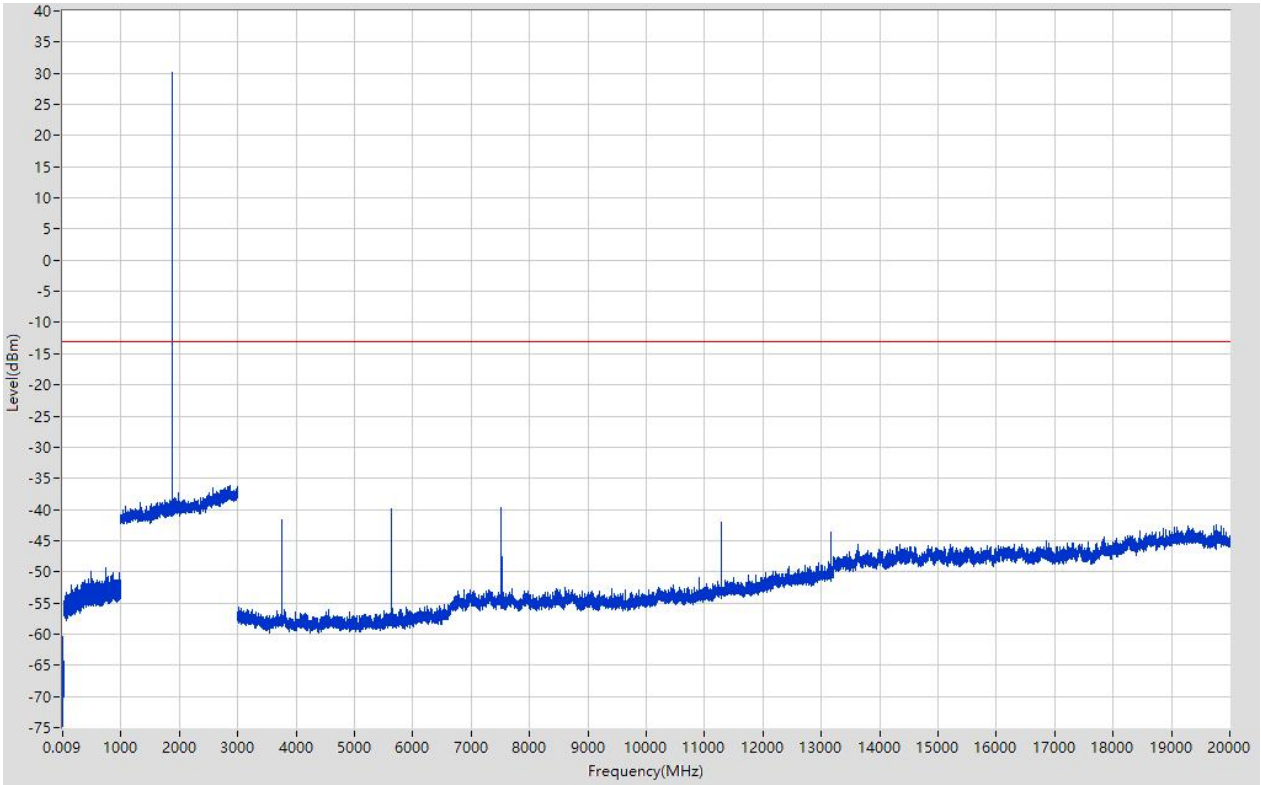
2.1 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-61.13	-13	48.13	Pass	401
0.15	30	0.01	Peak	0.18	-60.55	-13	47.55	Pass	2986
30	1000	0.1	Peak	962.475	-50.2	-13	37.2	Pass	9701
1000	3000	1	Peak	1850	30.43	-13	-43.43	Pass	2001
3000	20000	1	Peak	5551	-39.89	-13	26.89	Pass	17003



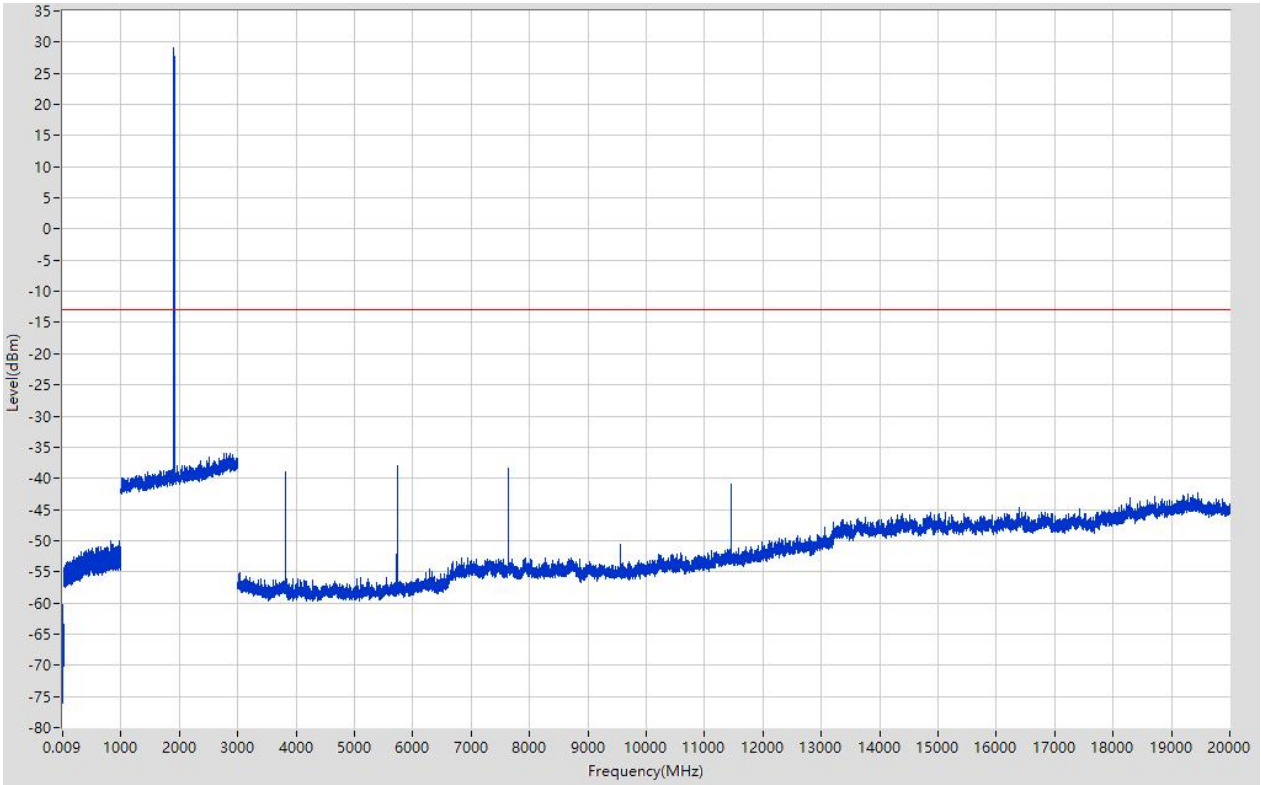
2.2 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:661)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-60.34	-13	47.34	Pass	401
0.15	30	0.01	Peak	0.17	-60.54	-13	47.54	Pass	2986
30	1000	0.1	Peak	740	-49.36	-13	36.36	Pass	9701
1000	3000	1	Peak	1880	30.15	-13	-43.15	Pass	2001
3000	20000	1	Peak	7521	-39.66	-13	26.66	Pass	17003



2.3 GSM Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:810)

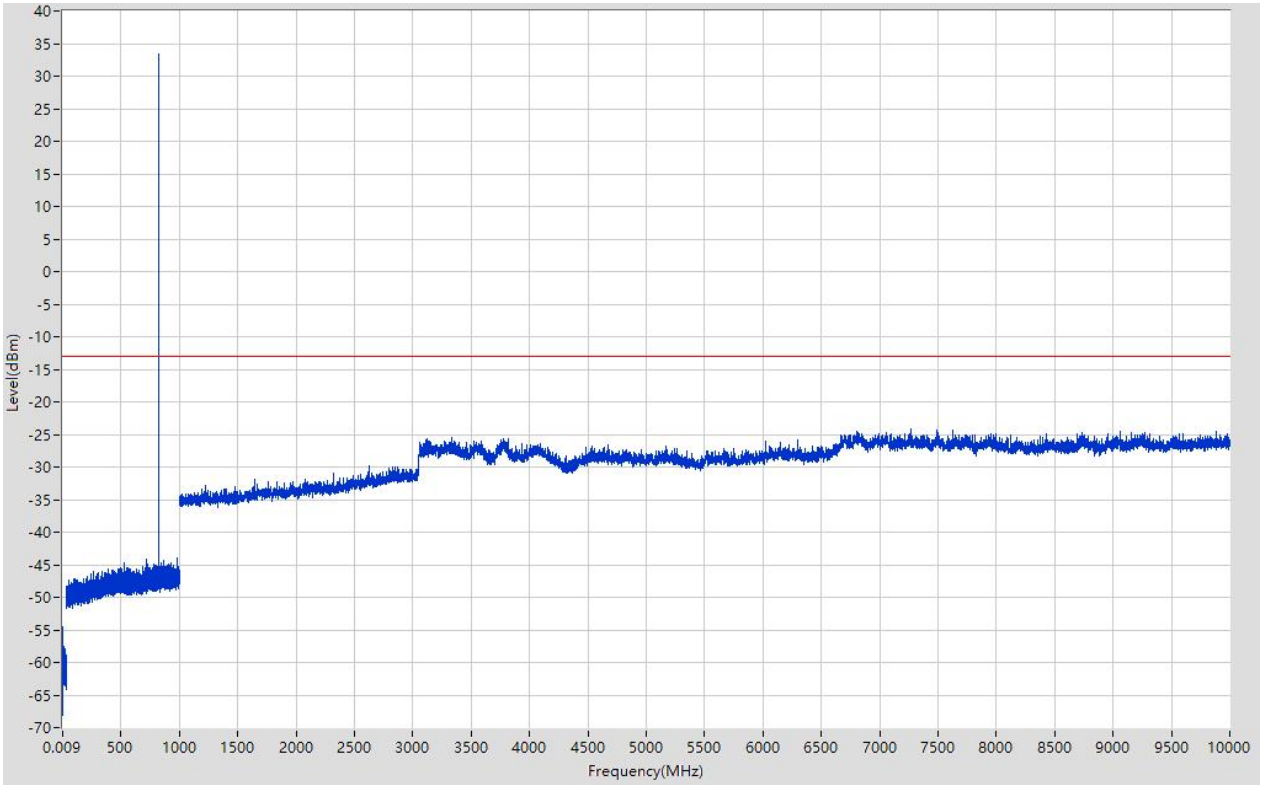
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-60.31	-13	47.31	Pass	401
0.15	30	0.01	Peak	0.17	-60.66	-13	47.66	Pass	2986
30	1000	0.1	Peak	812.4	-50.02	-13	37.02	Pass	9701
1000	3000	1	Peak	1909	29.1	-13	-42.1	Pass	2001
3000	20000	1	Peak	5730	-38.05	-13	25.05	Pass	17003



3. GPRS_GSM850

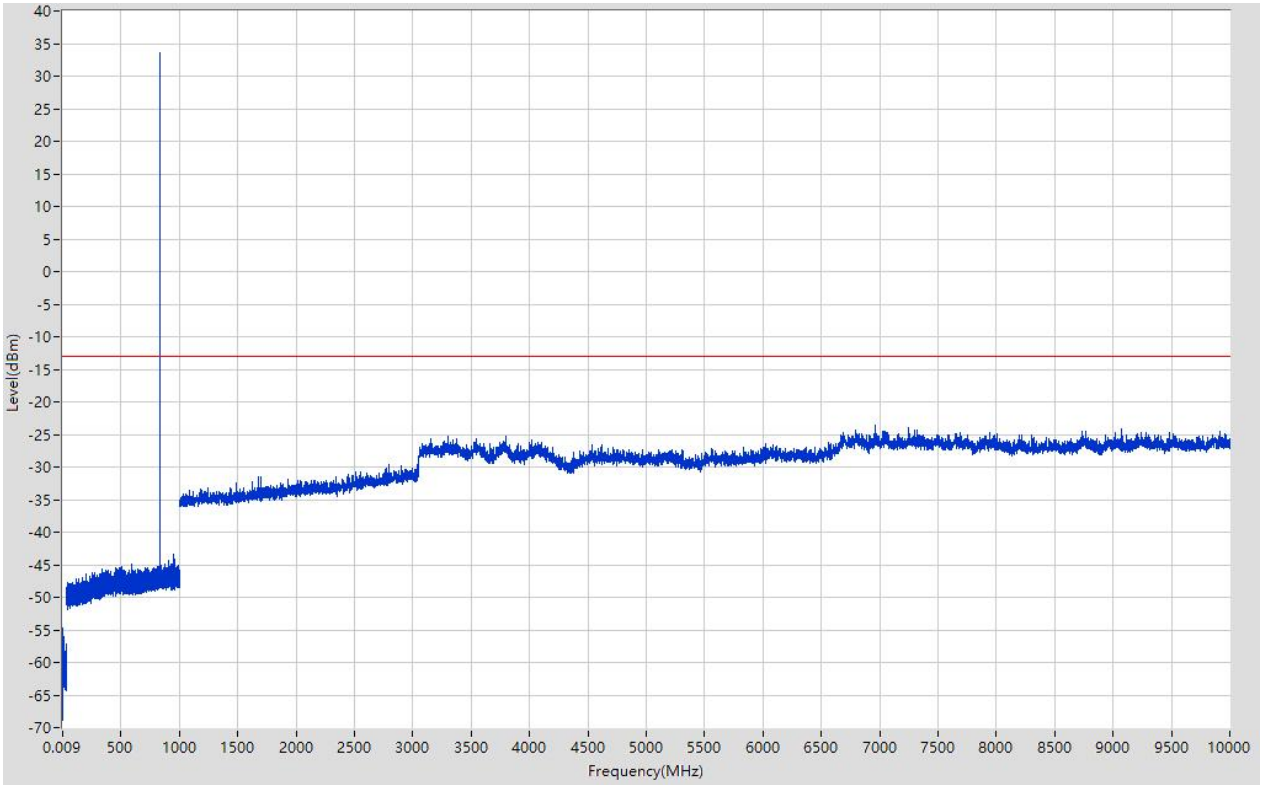
3.1 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.029	-56.59	-13	43.59	Pass	401
0.15	30	0.01	Peak	0.26	-54.45	-13	41.45	Pass	2986
30	500	0.1	Peak	495.1	-45.56	-13	32.56	Pass	4701
500	1000	0.1	Peak	824.2	33.39	-13	-46.39	Pass	5001
1000	10000	1	Peak	7263	-24.23	-13	11.23	Pass	9002



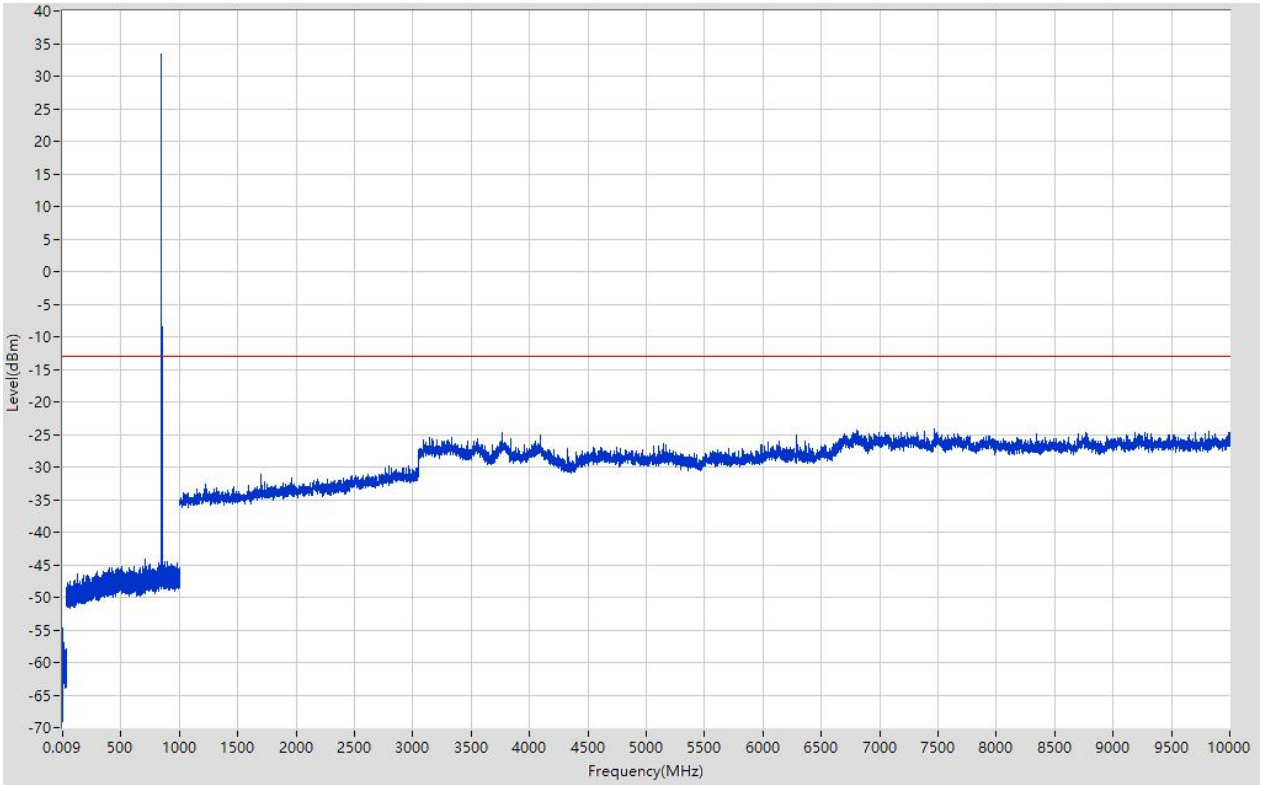
3.2 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:190)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.013	-55.45	-13	42.45	Pass	401
0.15	30	0.01	Peak	0.2	-54.81	-13	41.81	Pass	2986
30	500	0.1	Peak	499	-45.41	-13	32.41	Pass	4701
500	1000	0.1	Peak	836.7	33.55	-13	-46.55	Pass	5001
1000	10000	1	Peak	6966	-23.58	-13	10.58	Pass	9002



3.3 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:251)

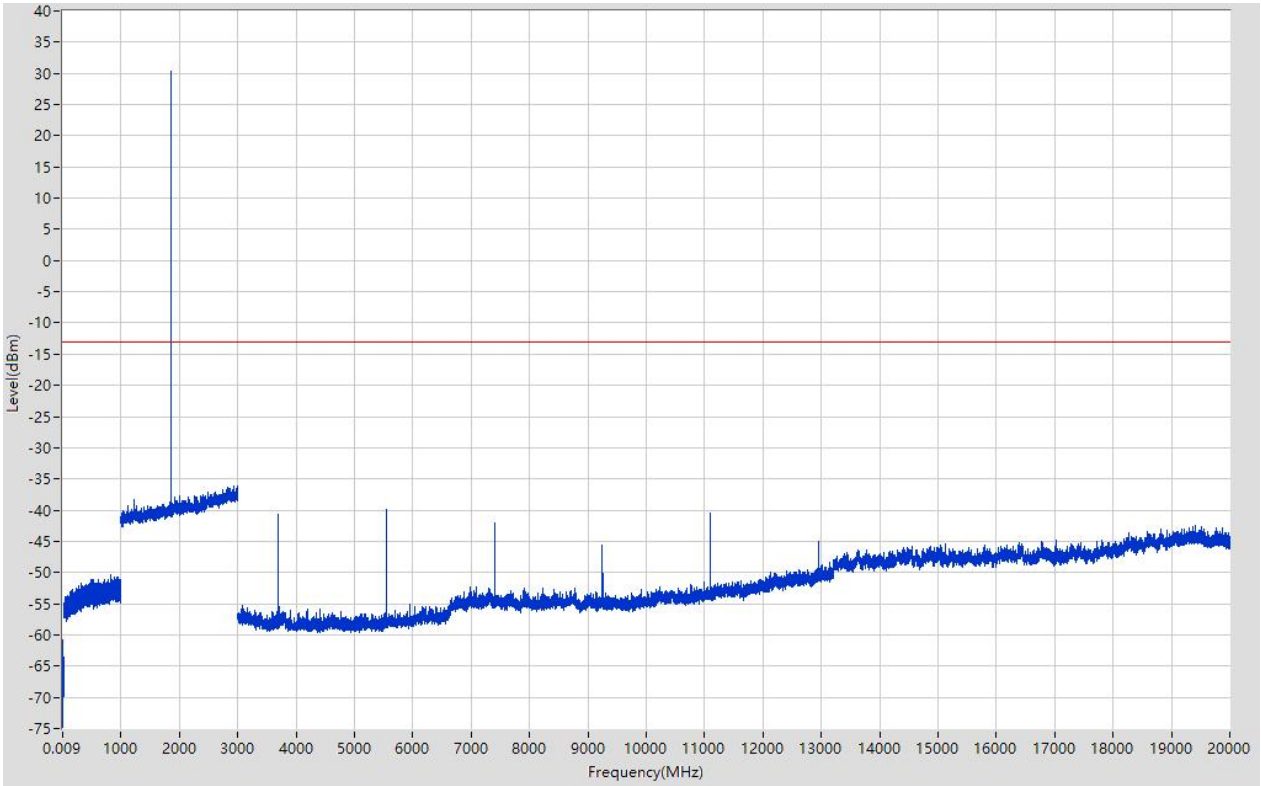
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-55.07	-13	42.07	Pass	401
0.15	30	0.01	Peak	0.36	-54.64	-13	41.64	Pass	2986
30	500	0.1	Peak	403.1	-45.48	-13	32.48	Pass	4701
500	1000	0.1	Peak	848.8	33.33	-13	-46.33	Pass	5001
1000	10000	1	Peak	7472	-24.1	-13	11.1	Pass	9002



4. GPRS_PCS

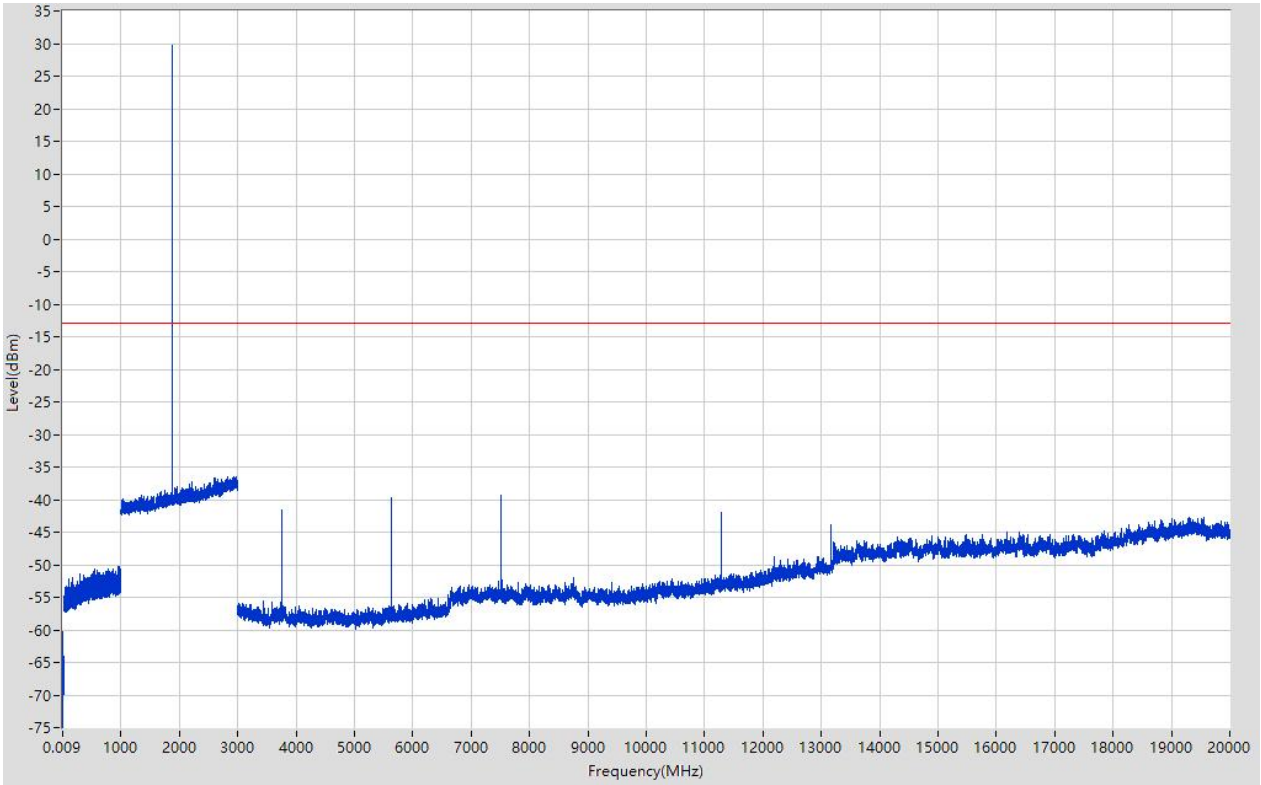
4.1 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-61.2	-13	48.2	Pass	401
0.15	30	0.01	Peak	0.16	-60.8	-13	47.8	Pass	2986
30	1000	0.1	Peak	828.6	-50.38	-13	37.38	Pass	9701
1000	3000	1	Peak	1850	30.25	-13	-43.25	Pass	2001
3000	20000	1	Peak	5551	-39.84	-13	26.84	Pass	17003



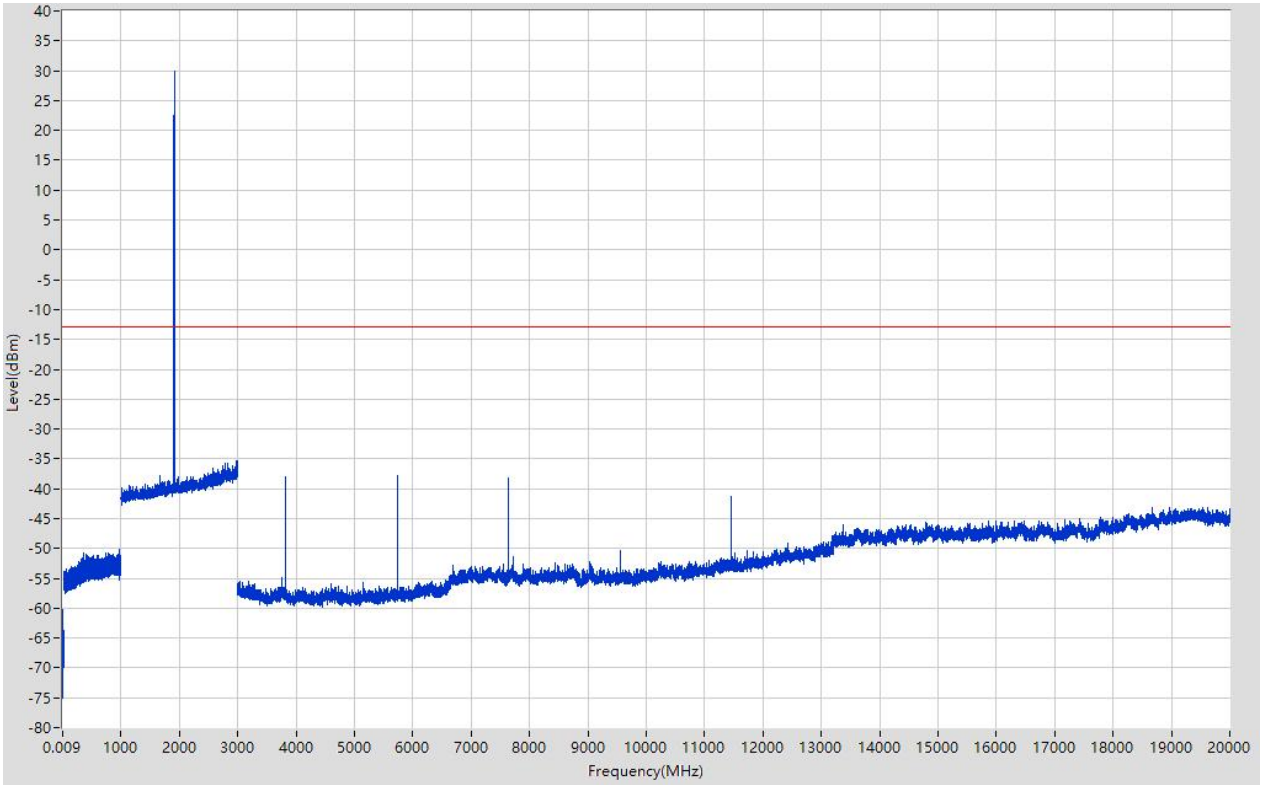
4.2 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:661)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-62.25	-13	49.25	Pass	401
0.15	30	0.01	Peak	0.28	-60.21	-13	47.21	Pass	2986
30	1000	0.1	Peak	945.664	-50.21	-13	37.21	Pass	9701
1000	3000	1	Peak	1880	29.73	-13	-42.73	Pass	2001
3000	20000	1	Peak	7520	-39.42	-13	26.42	Pass	17003



4.3 GPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:810)

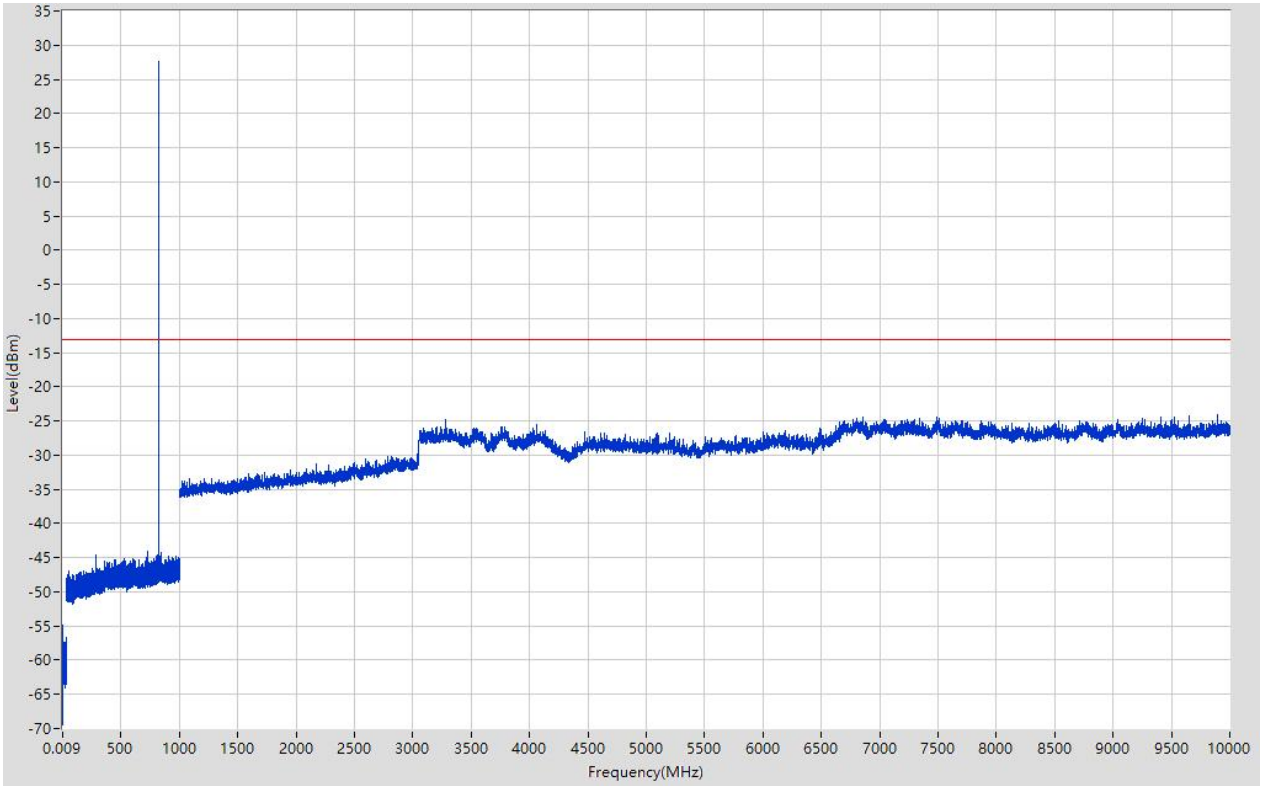
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-61.11	-13	48.11	Pass	401
0.15	30	0.01	Peak	0.19	-60.27	-13	47.27	Pass	2986
30	1000	0.1	Peak	978.886	-50.11	-13	37.11	Pass	9701
1000	3000	1	Peak	1910	30	-13	-43	Pass	2001
3000	20000	1	Peak	5729	-37.83	-13	24.83	Pass	17003



5. EGPRS_GSM850

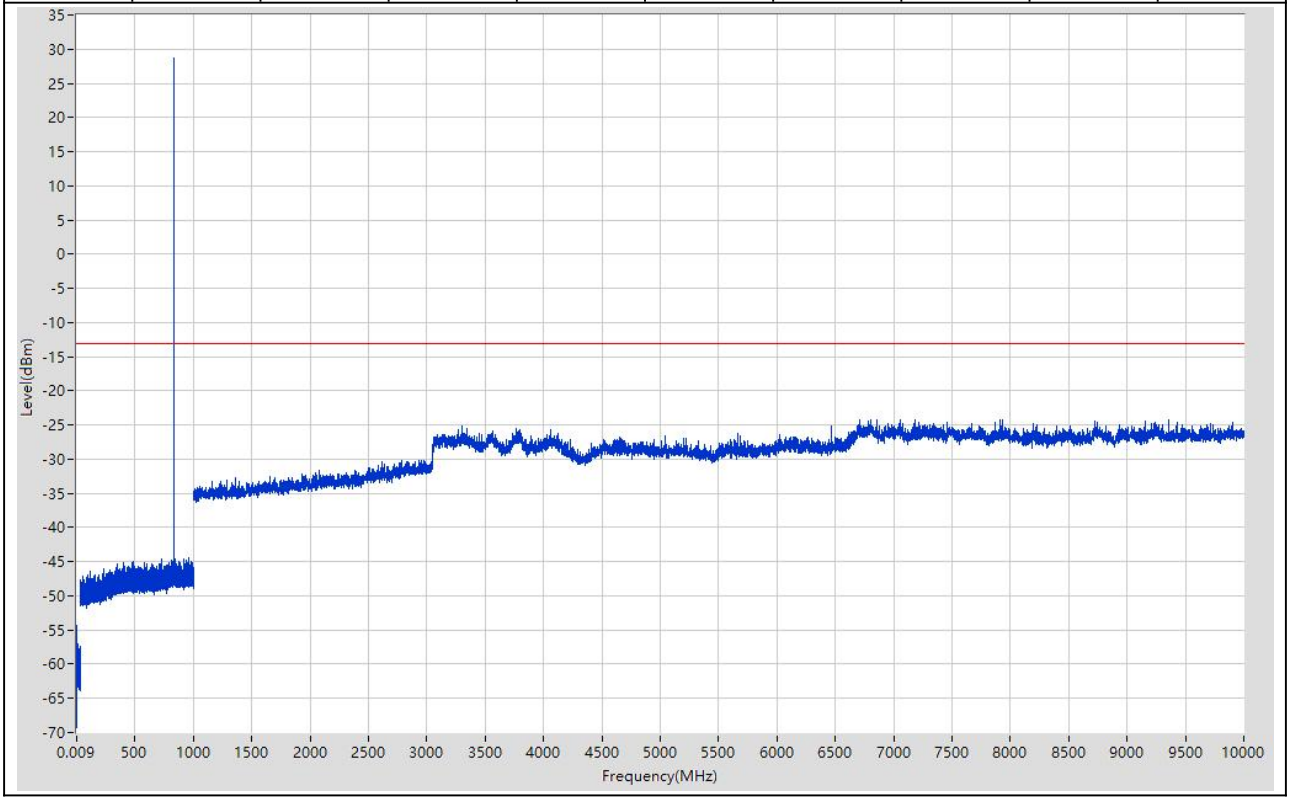
5.1 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-55.92	-13	42.92	Pass	401
0.15	30	0.01	Peak	0.47	-54.83	-13	41.83	Pass	2986
30	500	0.1	Peak	283.6	-44.66	-13	31.66	Pass	4701
500	1000	0.1	Peak	824.1	27.64	-13	-40.64	Pass	5001
1000	10000	1	Peak	9895	-24.13	-13	11.13	Pass	9002



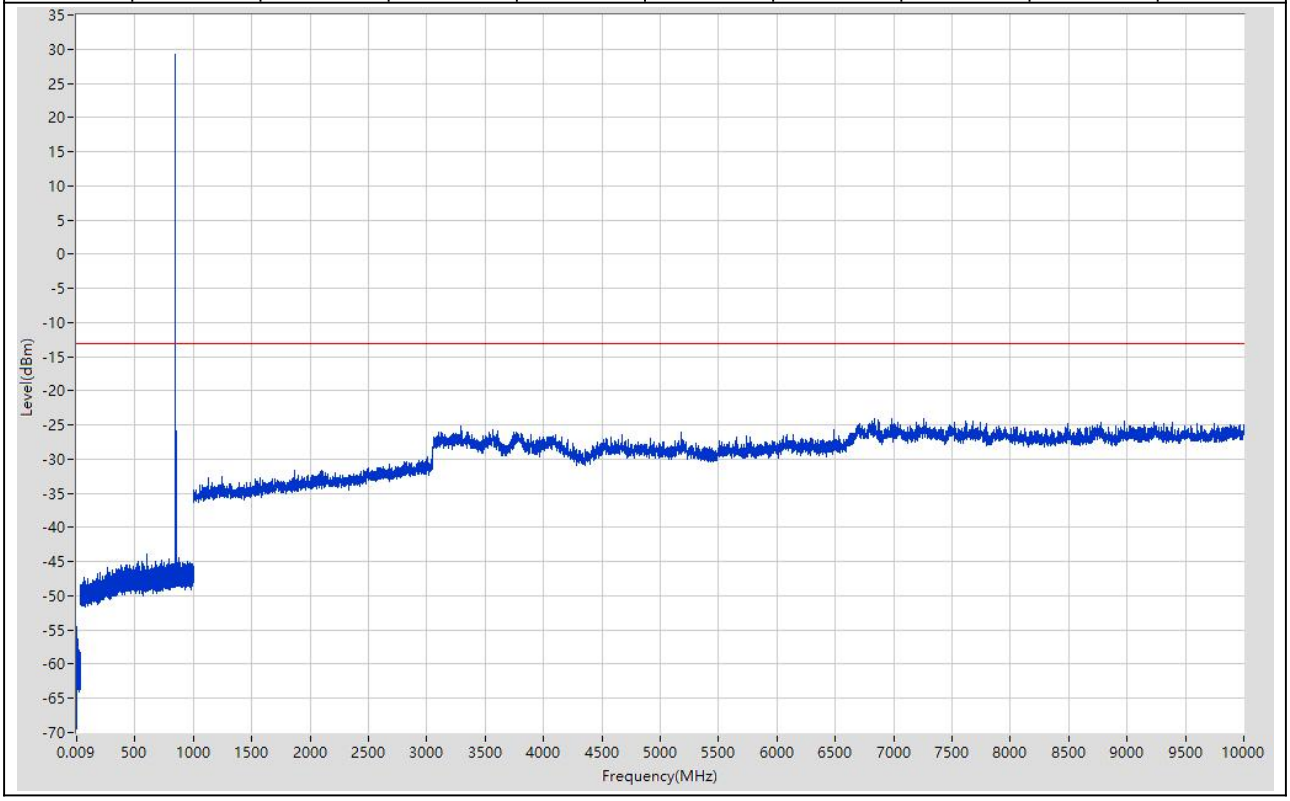
5.2 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:190)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-56.38	-13	43.38	Pass	401
0.15	30	0.01	Peak	0.2	-54.36	-13	41.36	Pass	2986
30	500	0.1	Peak	482.6	-44.94	-13	31.94	Pass	4701
500	1000	0.1	Peak	836.6	28.77	-13	-41.77	Pass	5001
1000	10000	1	Peak	7931	-24.23	-13	11.23	Pass	9002



5.3 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:251)

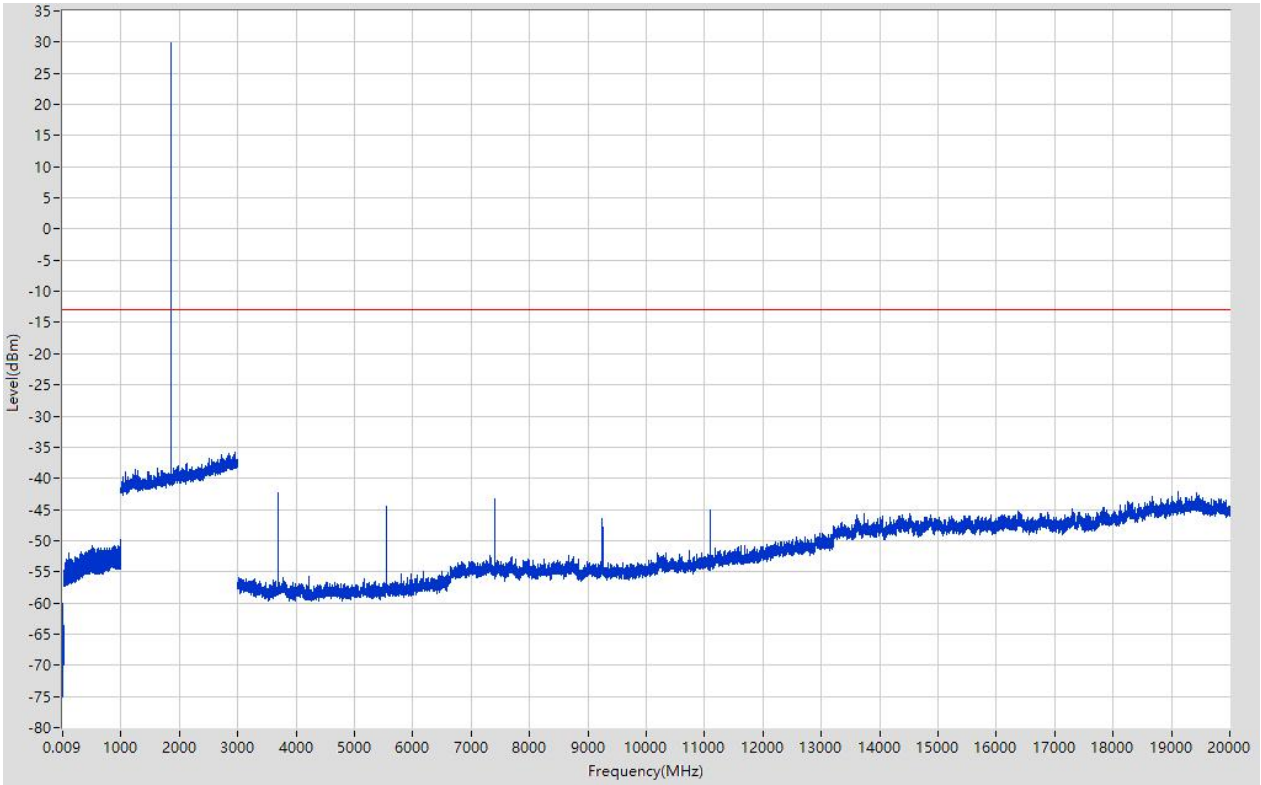
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-55.12	-13	42.12	Pass	401
0.15	30	0.01	Peak	0.17	-54.59	-13	41.59	Pass	2986
30	500	0.1	Peak	375.3	-45.45	-13	32.45	Pass	4701
500	1000	0.1	Peak	848.8	29.18	-13	-42.18	Pass	5001
1000	10000	1	Peak	6984	-24.02	-13	11.02	Pass	9002



6. EGPRS_PCS

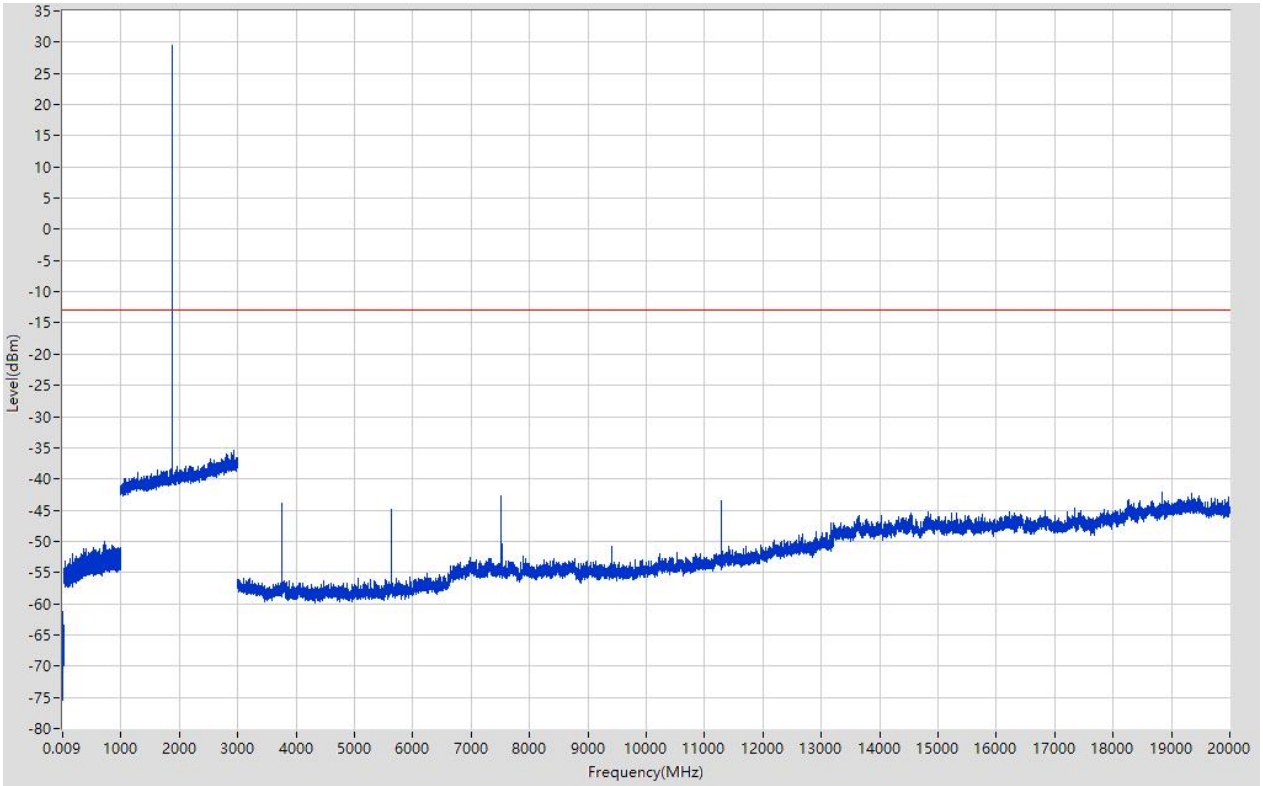
6.1 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-61.49	-13	48.49	Pass	401
0.15	30	0.01	Peak	0.21	-60.14	-13	47.14	Pass	2986
30	1000	0.1	Peak	989.493	-49.75	-13	36.75	Pass	9701
1000	3000	1	Peak	1850	29.94	-13	-42.94	Pass	2001
3000	20000	1	Peak	19108	-42.07	-13	29.07	Pass	17003



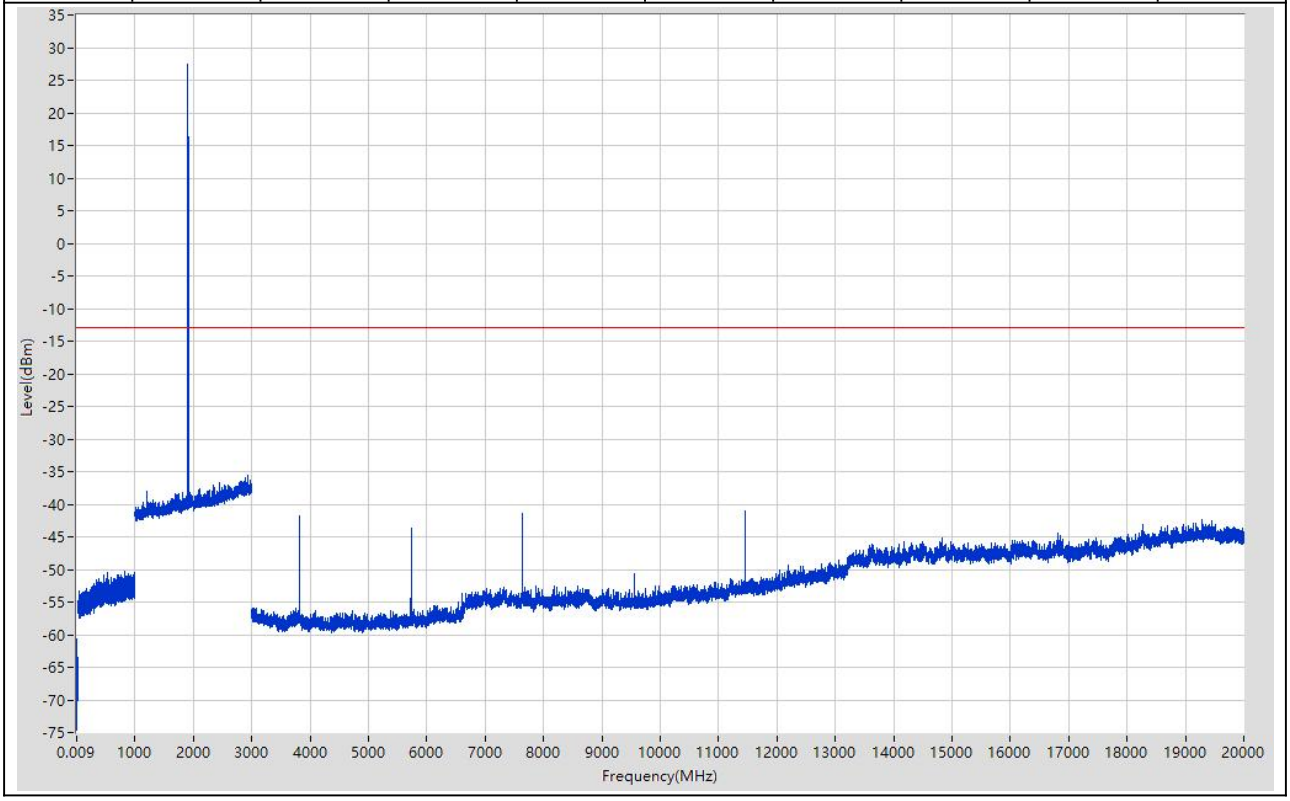
6.2 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:661)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-61.39	-13	48.39	Pass	401
0.15	30	0.01	Peak	0.15	-61.17	-13	48.17	Pass	2986
30	1000	0.1	Peak	725.9	-50.01	-13	37.01	Pass	9701
1000	3000	1	Peak	1880	29.53	-13	-42.53	Pass	2001
3000	20000	1	Peak	18832	-42.21	-13	29.21	Pass	17003



6.3 EGPRS Spurious Emission at Antenna Terminals_Part22-24(NTNV)(Channel:810)

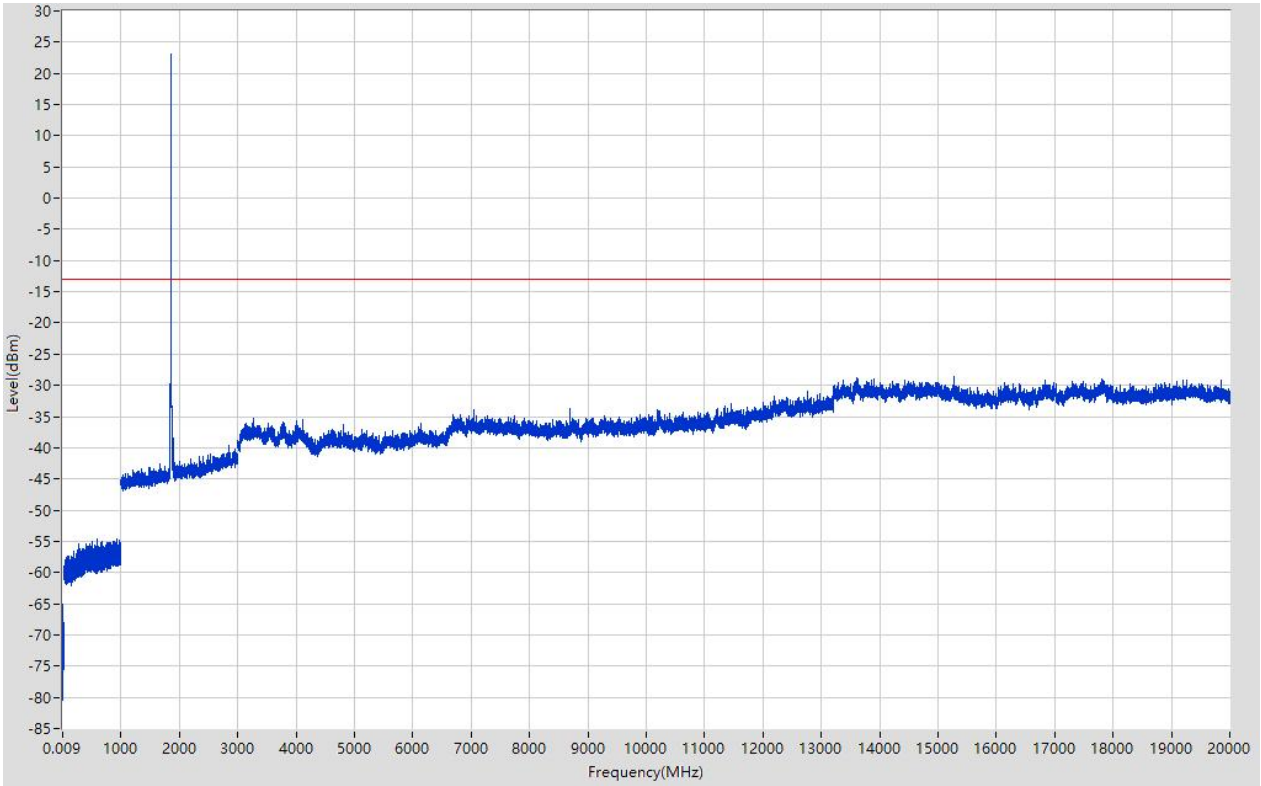
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-61.46	-13	48.46	Pass	401
0.15	30	0.01	Peak	0.18	-60.67	-13	47.67	Pass	2986
30	1000	0.1	Peak	813.2	-50.24	-13	37.24	Pass	9701
1000	3000	1	Peak	1909	27.38	-13	-40.38	Pass	2001
3000	20000	1	Peak	11459	-41.03	-13	28.03	Pass	17003



7. WCDMA_Band2

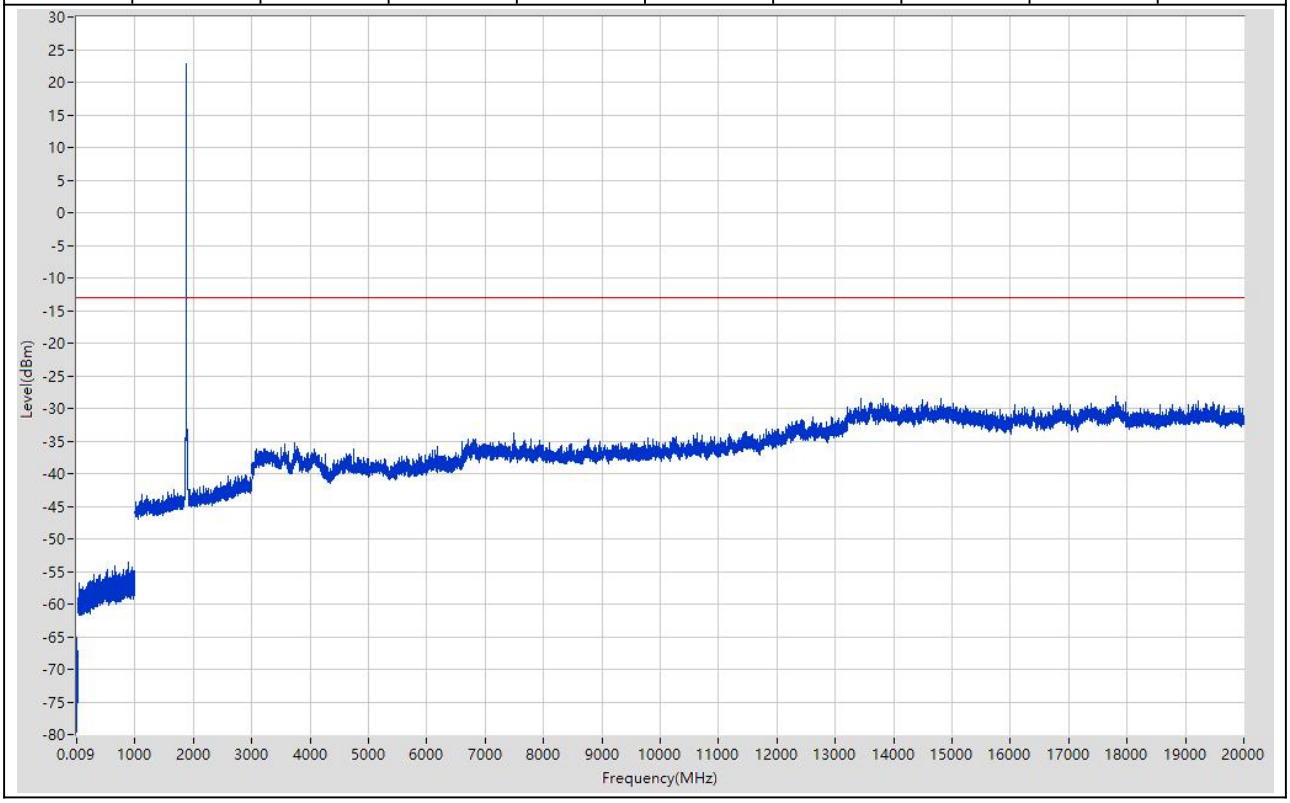
7.1 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:9262)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-65.54	-13	52.54	Pass	401
0.15	30	0.01	Peak	0.59	-65.09	-13	52.09	Pass	2986
30	1000	0.1	Peak	931.555	-54.62	-13	41.62	Pass	9701
1000	3000	1	Peak	1854	23.19	-13	-36.19	Pass	2001
3000	20000	1	Peak	15276	-28.65	-13	15.65	Pass	17003



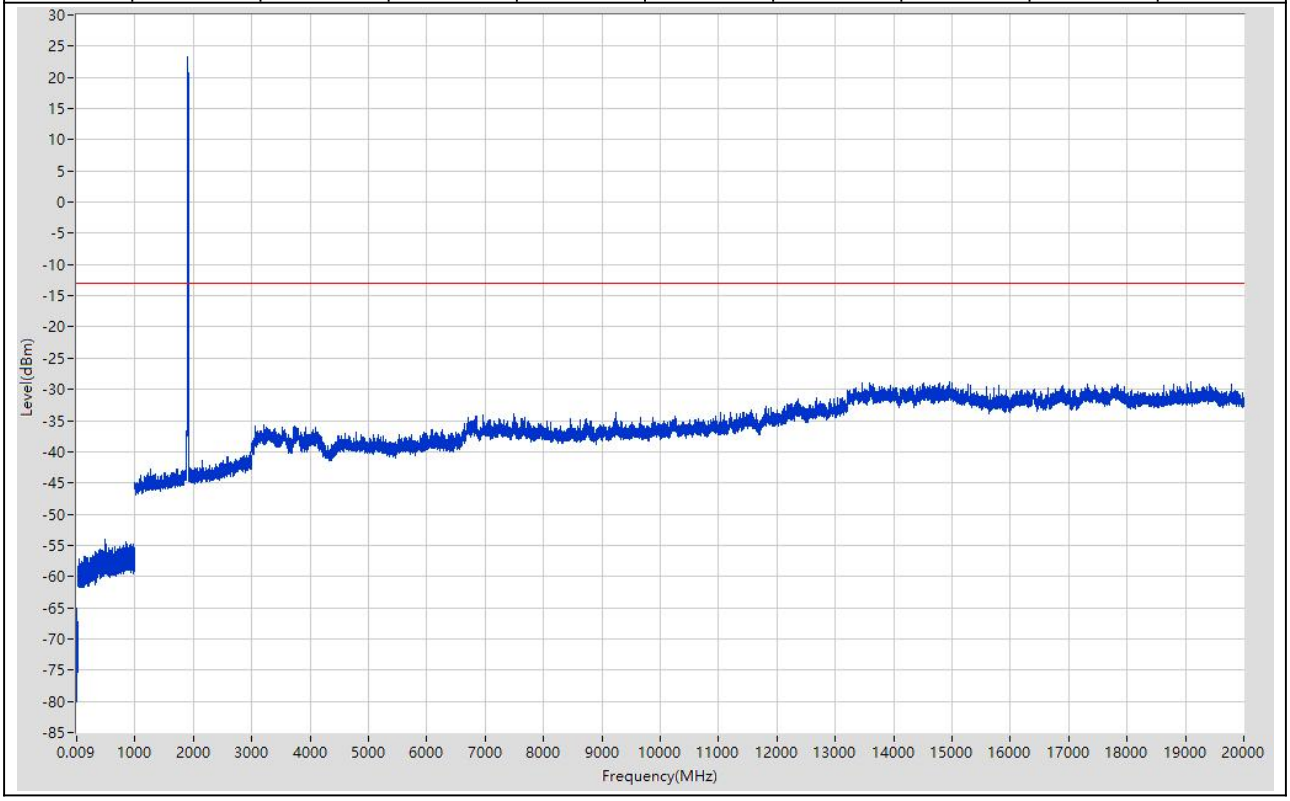
7.2 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:9400)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-66.82	-13	53.82	Pass	401
0.15	30	0.01	Peak	0.69	-65.02	-13	52.02	Pass	2986
30	1000	0.1	Peak	891.528	-53.62	-13	40.62	Pass	9701
1000	3000	1	Peak	1879	22.88	-13	-35.88	Pass	2001
3000	20000	1	Peak	17807	-28.19	-13	15.19	Pass	17003



7.3 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:9538)

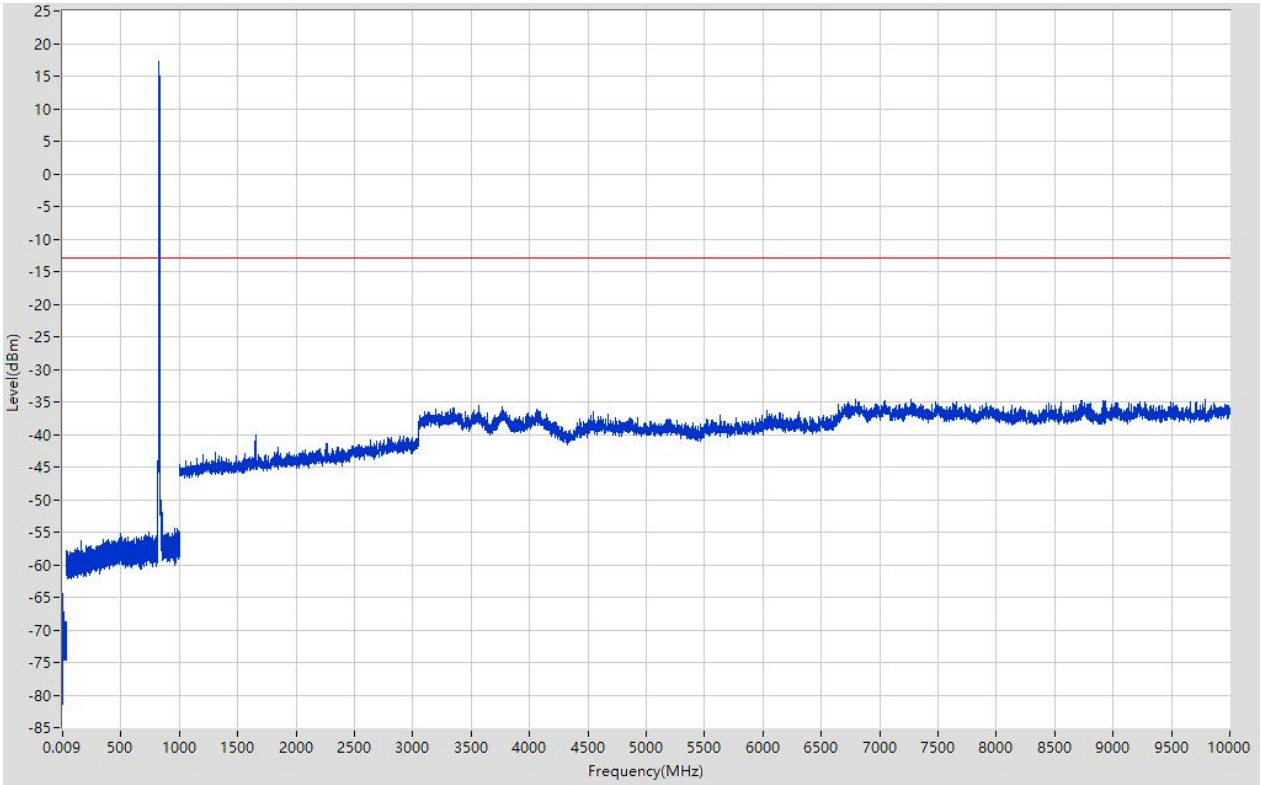
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-66.33	-13	53.33	Pass	401
0.15	30	0.01	Peak	0.2	-65.08	-13	52.08	Pass	2986
30	1000	0.1	Peak	476.6	-53.94	-13	40.94	Pass	9701
1000	3000	1	Peak	1906	23.21	-13	-36.21	Pass	2001
3000	20000	1	Peak	14952	-28.79	-13	15.79	Pass	17003



8. WCDMA_Band5

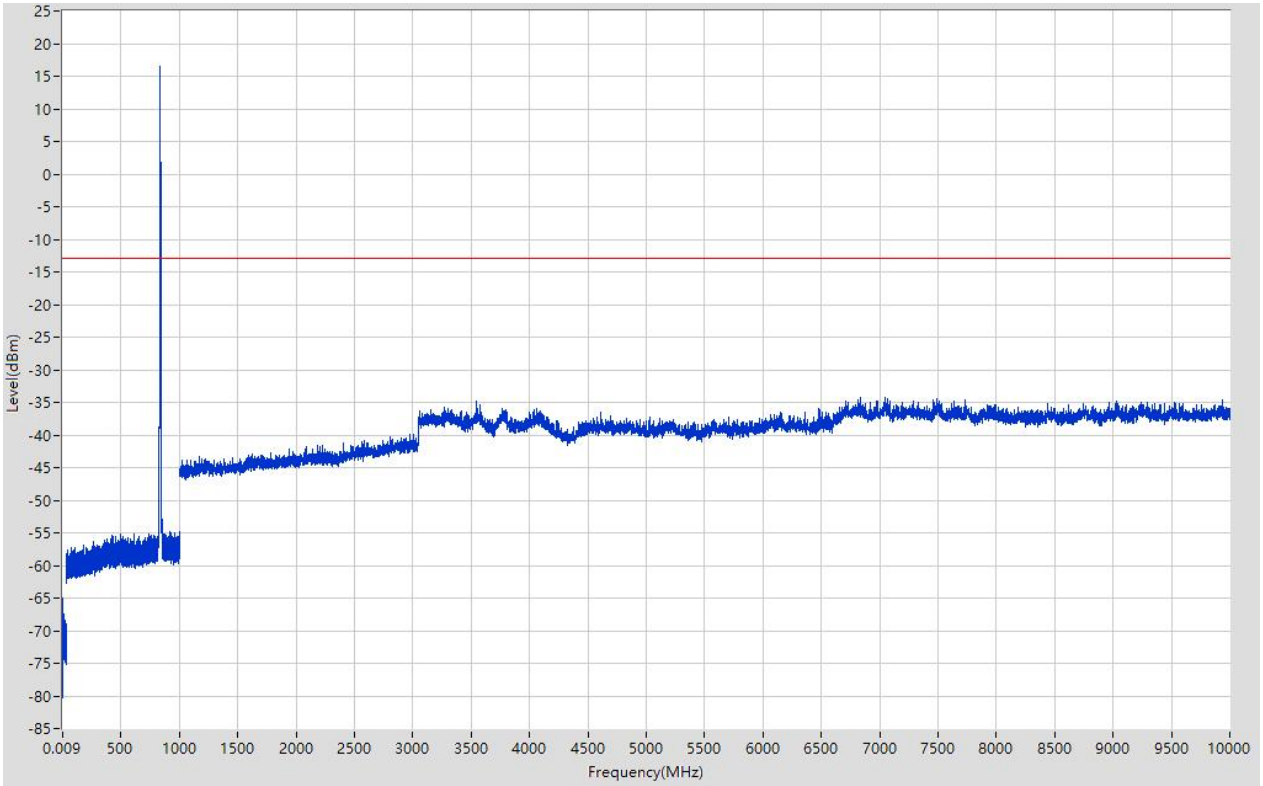
8.1 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:4132)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-65.81	-13	52.81	Pass	401
0.15	30	0.01	Peak	0.18	-64.42	-13	51.42	Pass	2986
30	500	0.1	Peak	499.7	-55.28	-13	42.28	Pass	4701
500	1000	0.1	Peak	826.1	17.34	-13	-30.34	Pass	5001
1000	10000	1	Peak	9788	-34.55	-13	21.55	Pass	9002



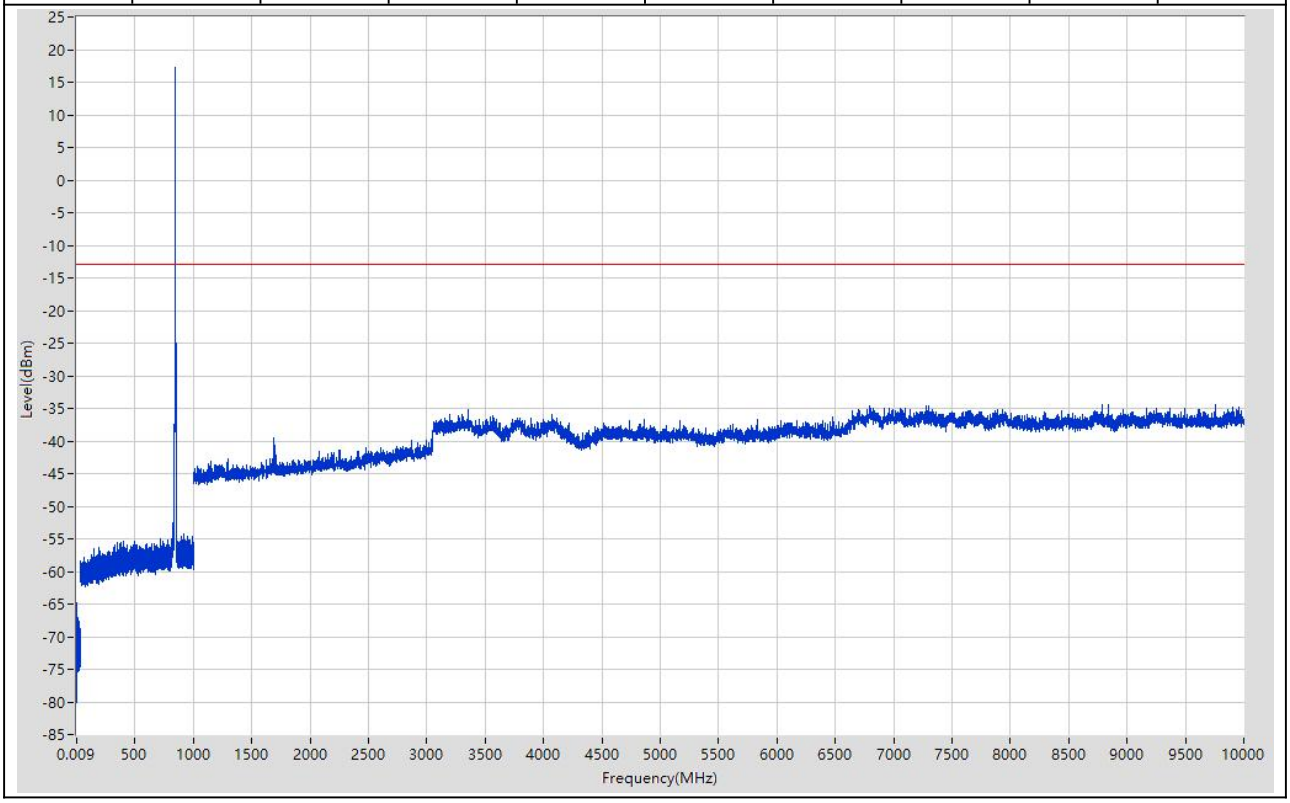
8.2 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:4182)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.015	-65.78	-13	52.78	Pass	401
0.15	30	0.01	Peak	0.2	-65.03	-13	52.03	Pass	2986
30	500	0.1	Peak	493.7	-55.25	-13	42.25	Pass	4701
500	1000	0.1	Peak	835.4	16.45	-13	-29.45	Pass	5001
1000	10000	1	Peak	6838	-34.21	-13	21.21	Pass	9002



8.3 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Channel:4233)

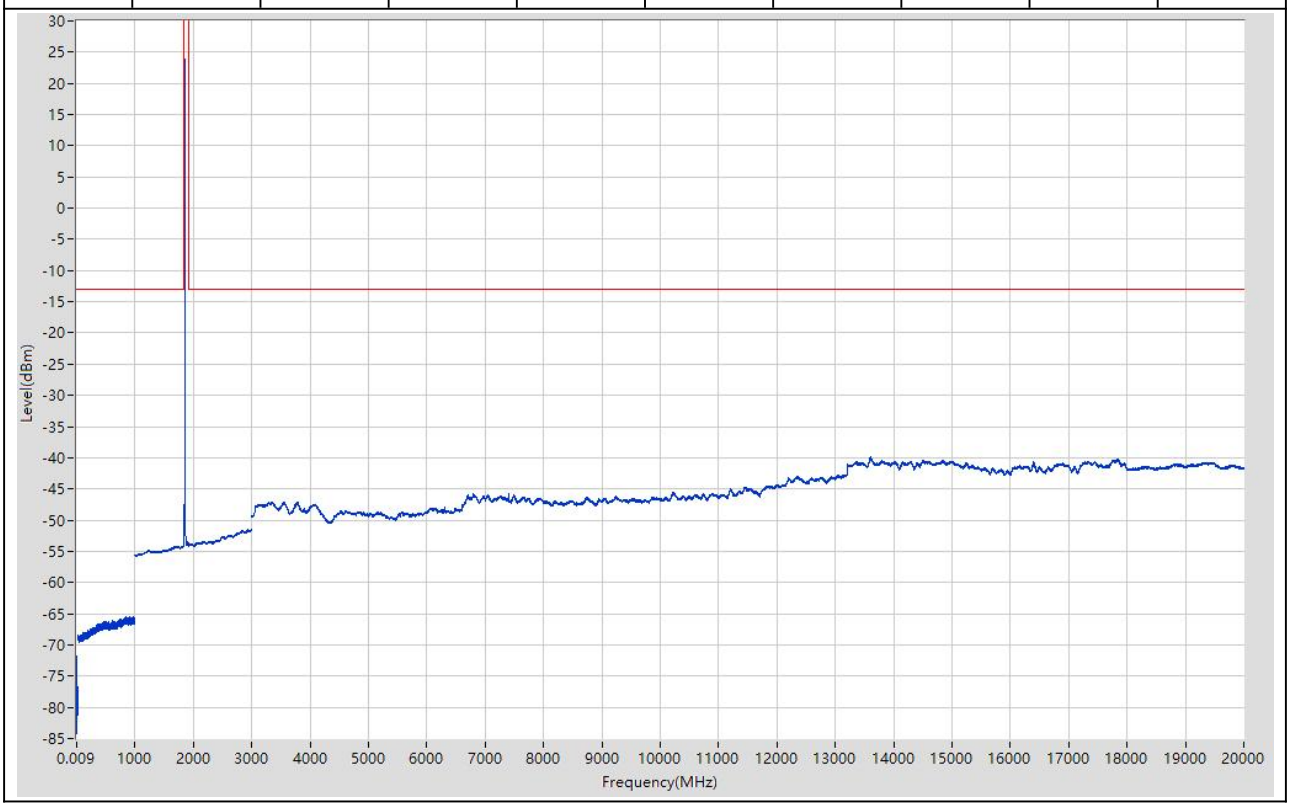
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-66.22	-13	53.22	Pass	401
0.15	30	0.01	Peak	0.47	-64.87	-13	51.87	Pass	2986
30	500	0.1	Peak	400.4	-55.4	-13	42.4	Pass	4701
500	1000	0.1	Peak	845.3	17.21	-13	-30.21	Pass	5001
1000	10000	1	Peak	8782	-34.35	-13	21.35	Pass	9002



9. LTE_Band2

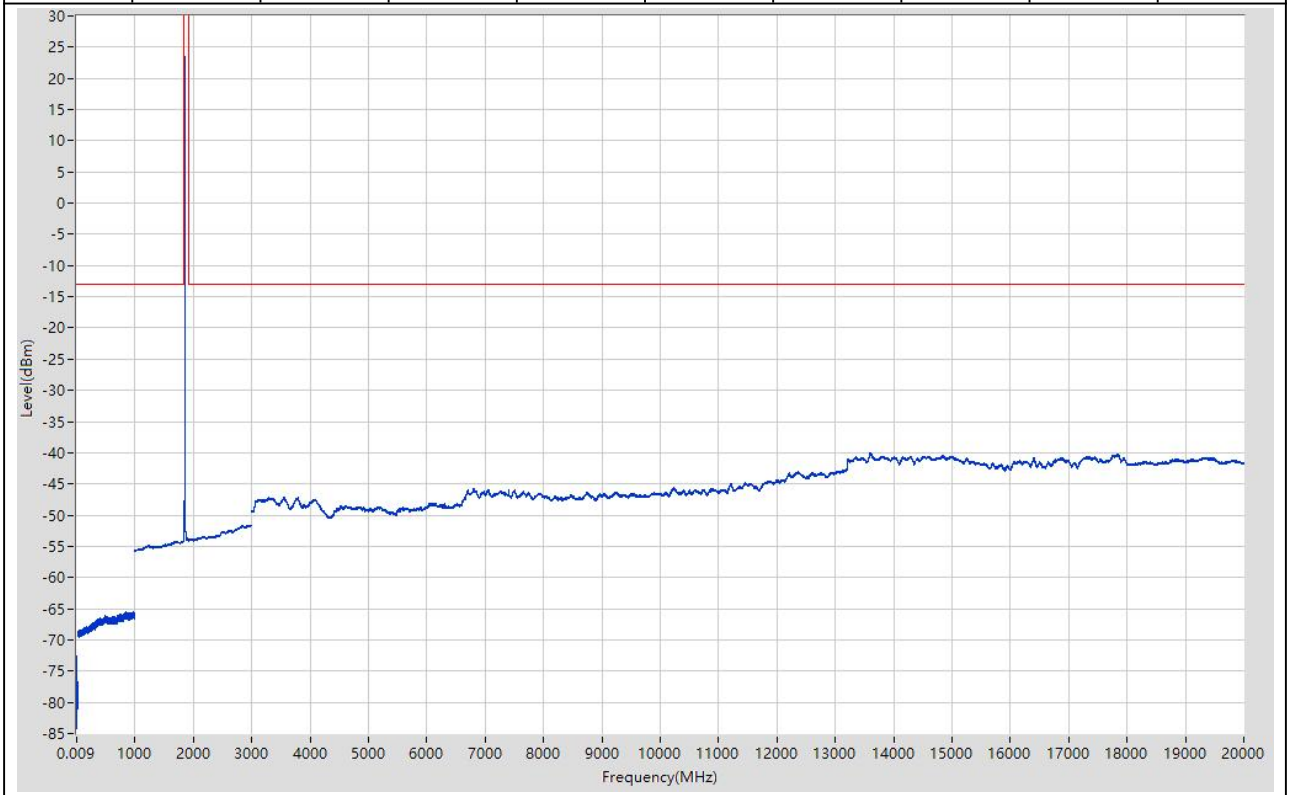
9.1 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.32	-13	59.32	Pass	401
0.15	30	0.01	RMS	0.15	-71.85	-13	58.85	Pass	2986
30	1000	0.1	RMS	845.1	-65.51	-13	52.51	Pass	9701
1000	1840	1	RMS	1840	-52.13	-13	39.13	Pass	841
1840	1920	1	RMS	1850.2	23.91	60	36.09	Pass	401
1920	3000	1	RMS	2933	-51.55	-13	38.55	Pass	1081
3000	12000	1	RMS	11998	-44.39	-13	31.39	Pass	9002
12000	20000	1	RMS	13600	-39.91	-13	26.91	Pass	8001



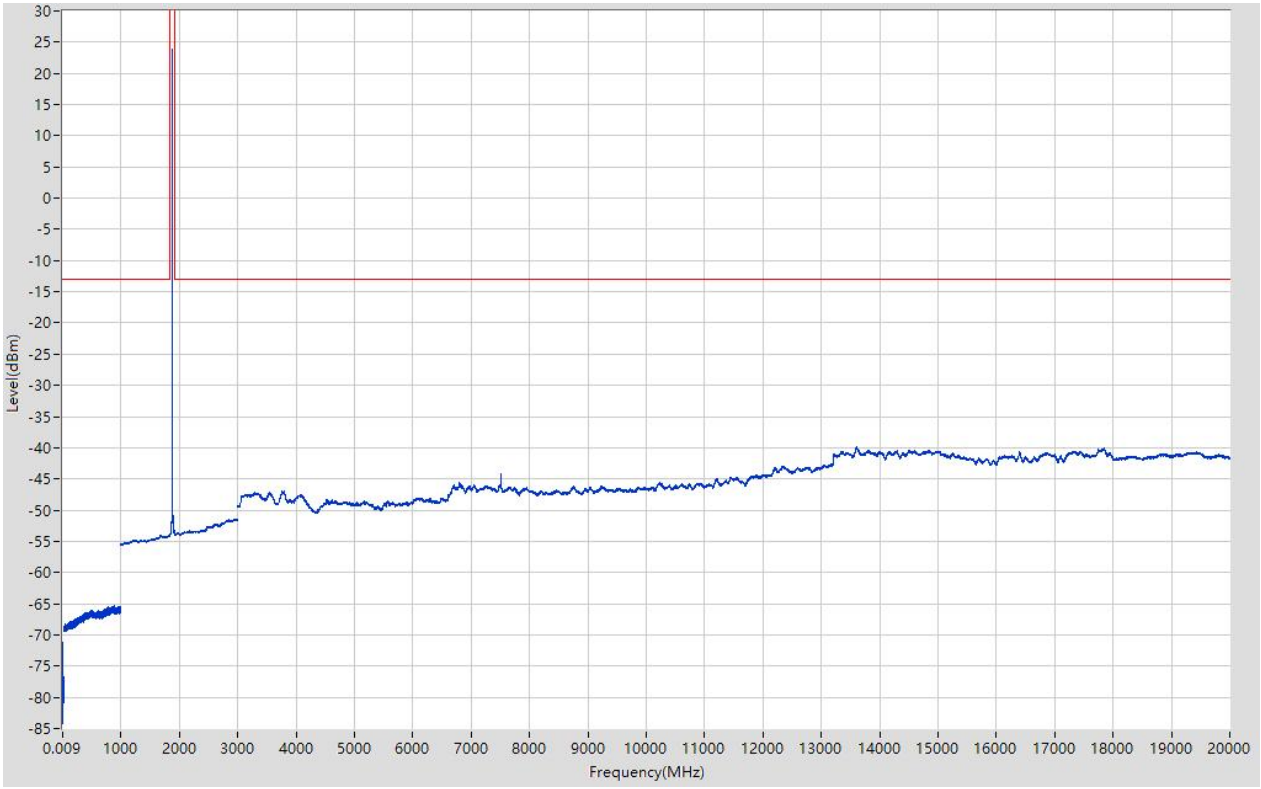
9.2 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.51	-13	59.51	Pass	401
0.15	30	0.01	RMS	0.17	-72.54	-13	59.54	Pass	2986
30	1000	0.1	RMS	845.7	-65.5	-13	52.5	Pass	9701
1000	1840	1	RMS	1840	-52.28	-13	39.28	Pass	841
1840	1920	1	RMS	1850.2	23.53	60	36.47	Pass	401
1920	3000	1	RMS	2977	-51.59	-13	38.59	Pass	1081
3000	12000	1	RMS	11997	-44.4	-13	31.4	Pass	9002
12000	20000	1	RMS	13598	-39.98	-13	26.98	Pass	8001



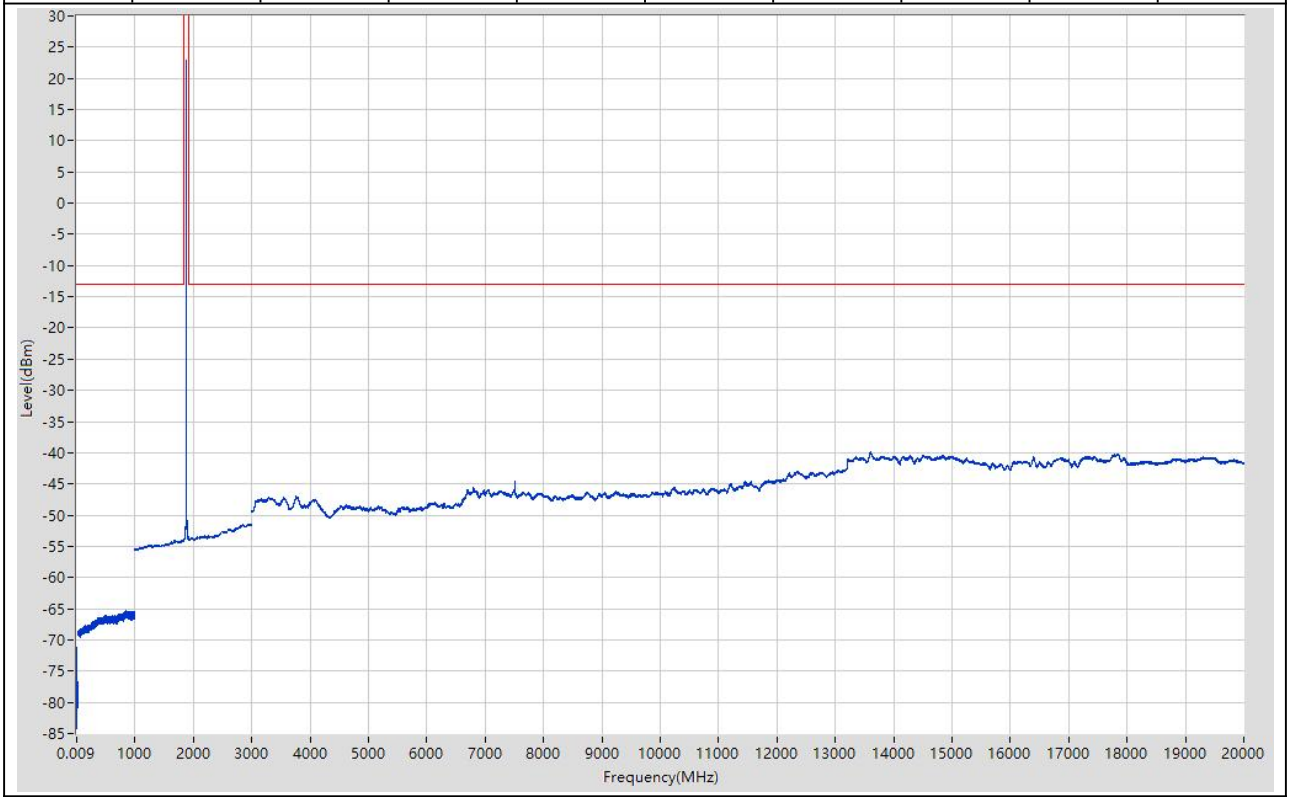
9.3 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-71.99	-13	58.99	Pass	401
0.15	30	0.01	RMS	0.17	-71.23	-13	58.23	Pass	2986
30	1000	0.1	RMS	876.618	-65.26	-13	52.26	Pass	9701
1000	1840	1	RMS	1839	-53.93	-13	40.93	Pass	841
1840	1920	1	RMS	1879.4	23.93	60	36.07	Pass	401
1920	3000	1	RMS	2986	-51.45	-13	38.45	Pass	1081
3000	12000	1	RMS	7518	-44.1	-13	31.1	Pass	9002
12000	20000	1	RMS	13601	-39.8	-13	26.8	Pass	8001



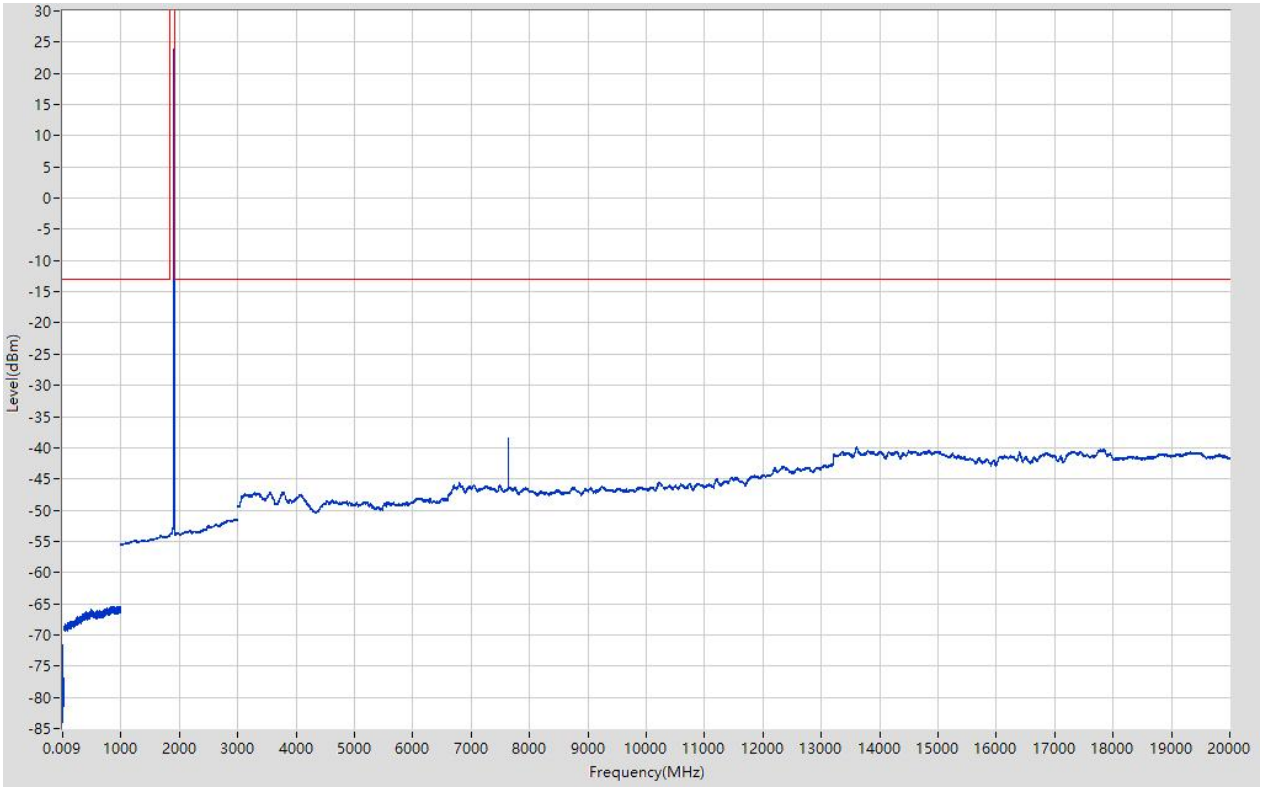
9.4 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-71.19	-13	58.19	Pass	401
0.15	30	0.01	RMS	0.15	-71.23	-13	58.23	Pass	2986
30	1000	0.1	RMS	849.1	-65.35	-13	52.35	Pass	9701
1000	1840	1	RMS	1839	-53.92	-13	40.92	Pass	841
1840	1920	1	RMS	1879.4	22.95	60	37.05	Pass	401
1920	3000	1	RMS	2984	-51.49	-13	38.49	Pass	1081
3000	12000	1	RMS	11998	-44.27	-13	31.27	Pass	9002
12000	20000	1	RMS	13600	-39.85	-13	26.85	Pass	8001



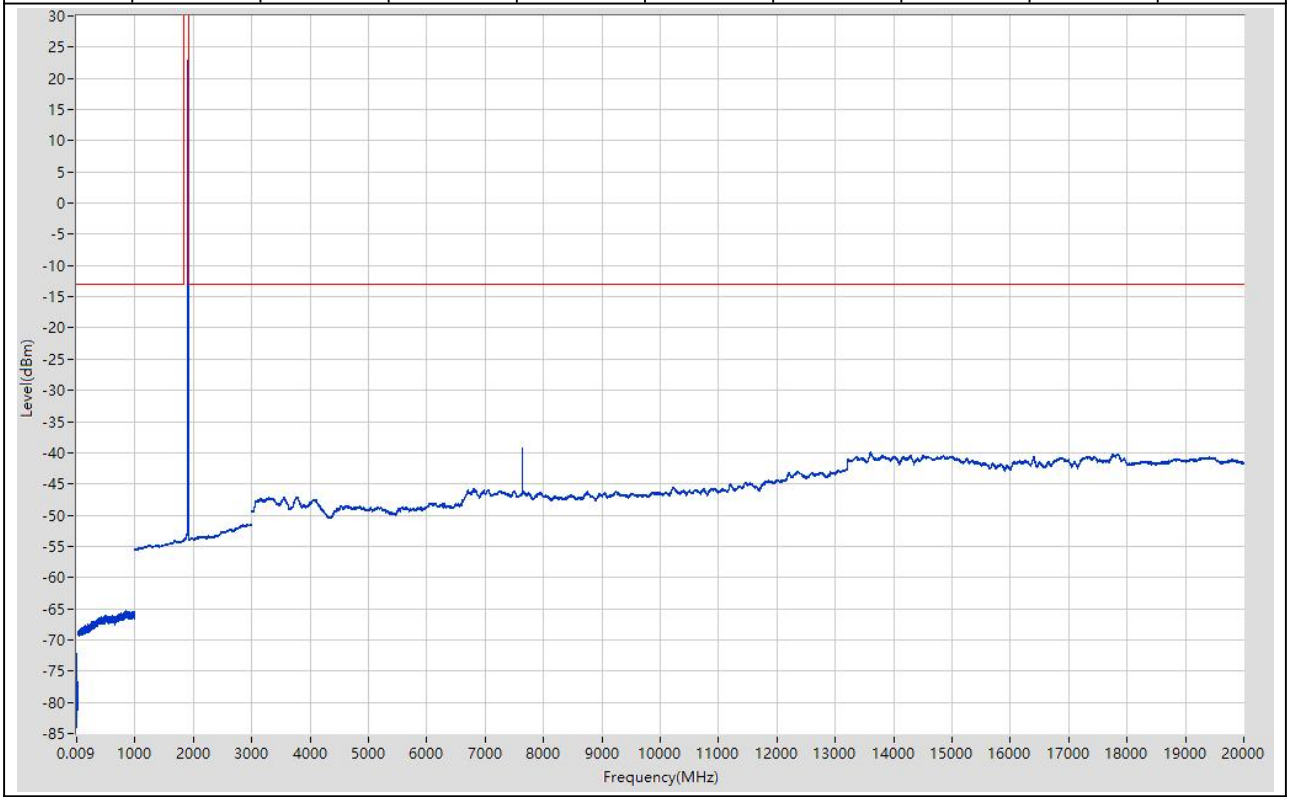
9.5 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-73.38	-13	60.38	Pass	401
0.15	30	0.01	RMS	0.15	-71.58	-13	58.58	Pass	2986
30	1000	0.1	RMS	865.911	-65.41	-13	52.41	Pass	9701
1000	1840	1	RMS	1838	-53.96	-13	40.96	Pass	841
1840	1920	1	RMS	1908.8	23.88	60	36.12	Pass	401
1920	3000	1	RMS	2980	-51.48	-13	38.48	Pass	1081
3000	12000	1	RMS	7635	-38.4	-13	25.4	Pass	9002
12000	20000	1	RMS	13602	-39.84	-13	26.84	Pass	8001



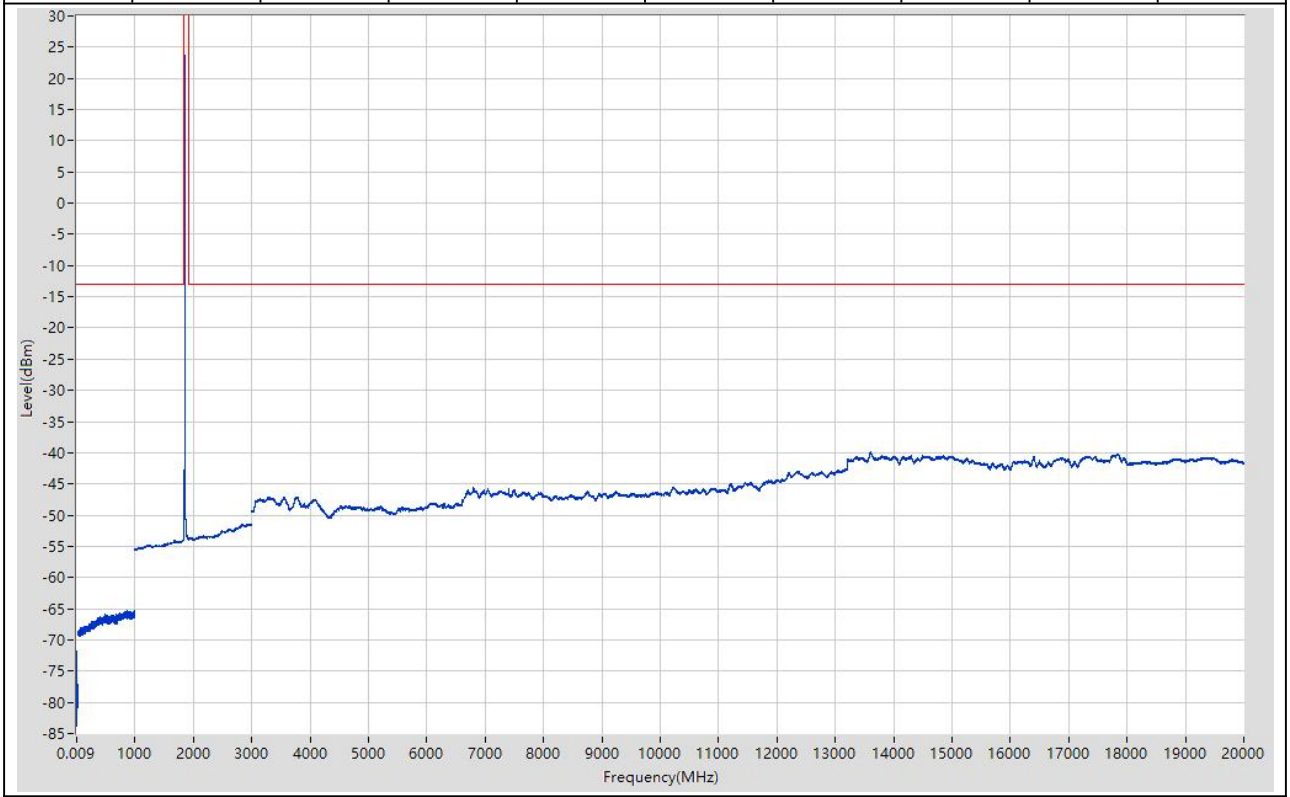
9.6 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.53	-13	59.53	Pass	401
0.15	30	0.01	RMS	0.16	-72.26	-13	59.26	Pass	2986
30	1000	0.1	RMS	852.002	-65.36	-13	52.36	Pass	9701
1000	1840	1	RMS	1837	-53.96	-13	40.96	Pass	841
1840	1920	1	RMS	1908.8	22.93	60	37.07	Pass	401
1920	3000	1	RMS	3000	-51.45	-13	38.45	Pass	1081
3000	12000	1	RMS	7635	-39.16	-13	26.16	Pass	9002
12000	20000	1	RMS	13601	-39.91	-13	26.91	Pass	8001



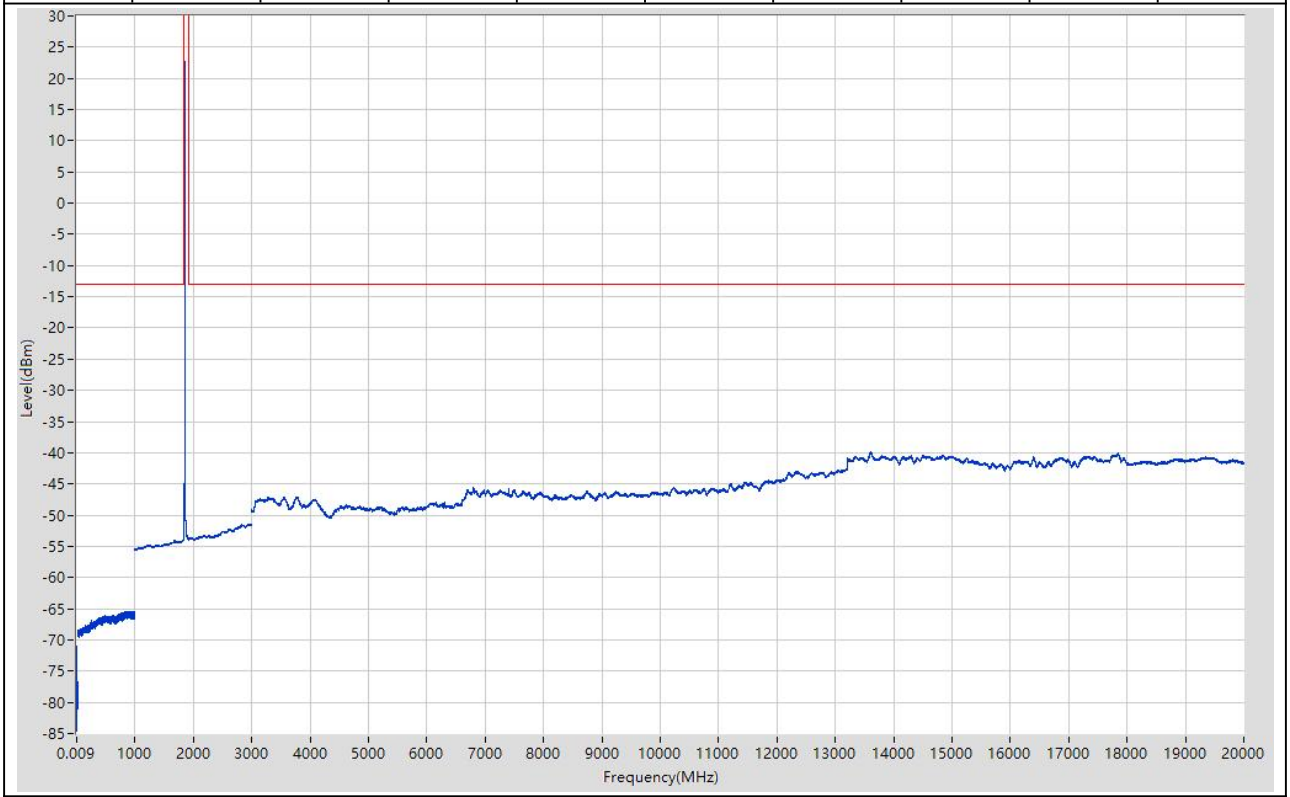
9.7 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.66	-13	59.66	Pass	401
0.15	30	0.01	RMS	0.15	-71.81	-13	58.81	Pass	2986
30	1000	0.1	RMS	983.489	-65.31	-13	52.31	Pass	9701
1000	1840	1	RMS	1840	-50.86	-13	37.86	Pass	841
1840	1920	1	RMS	1850.2	23.77	60	36.23	Pass	401
1920	3000	1	RMS	2996	-51.49	-13	38.49	Pass	1081
3000	12000	1	RMS	12000	-44.33	-13	31.33	Pass	9002
12000	20000	1	RMS	13598	-39.9	-13	26.9	Pass	8001



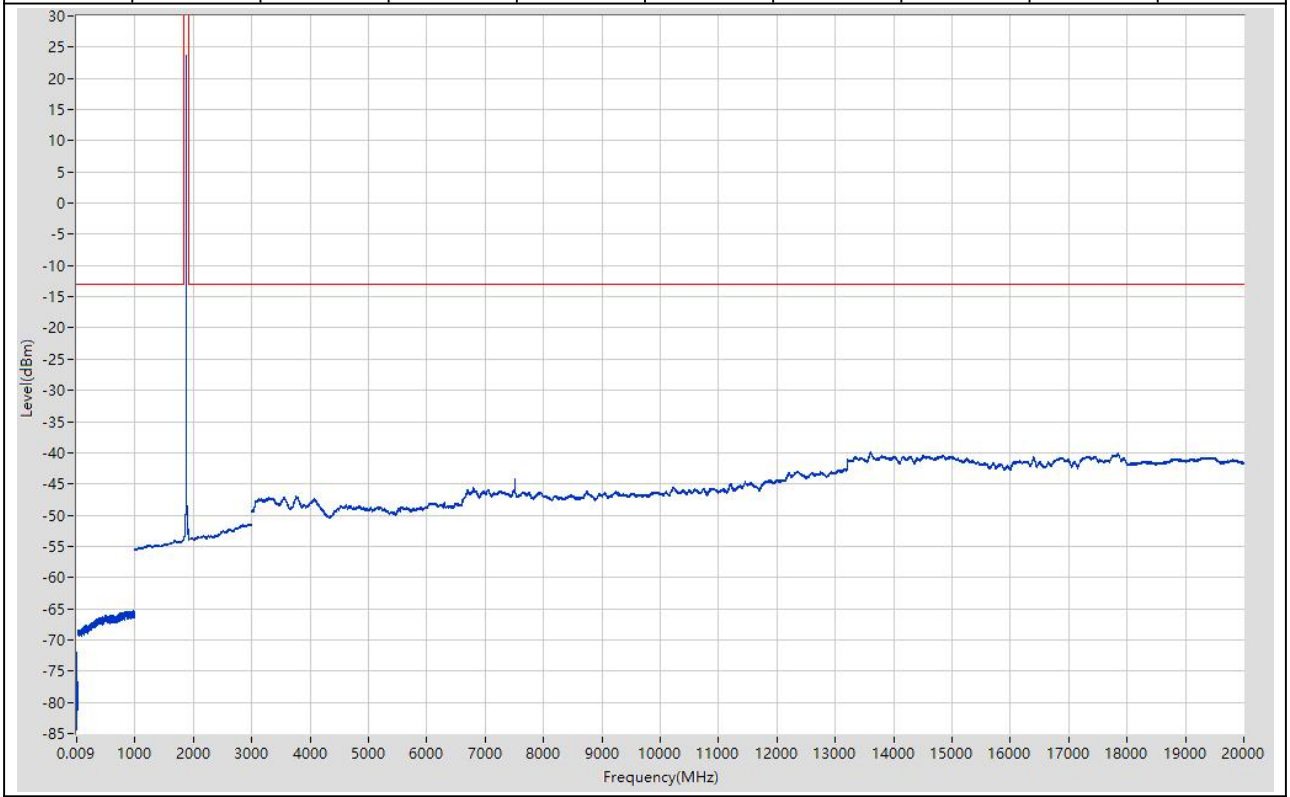
9.8 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.39	-13	59.39	Pass	401
0.15	30	0.01	RMS	0.15	-71.02	-13	58.02	Pass	2986
30	1000	0.1	RMS	884.123	-65.39	-13	52.39	Pass	9701
1000	1840	1	RMS	1840	-51.11	-13	38.11	Pass	841
1840	1920	1	RMS	1850.2	22.79	60	37.21	Pass	401
1920	3000	1	RMS	2996	-51.47	-13	38.47	Pass	1081
3000	12000	1	RMS	11999	-44.3	-13	31.3	Pass	9002
12000	20000	1	RMS	13599	-39.88	-13	26.88	Pass	8001



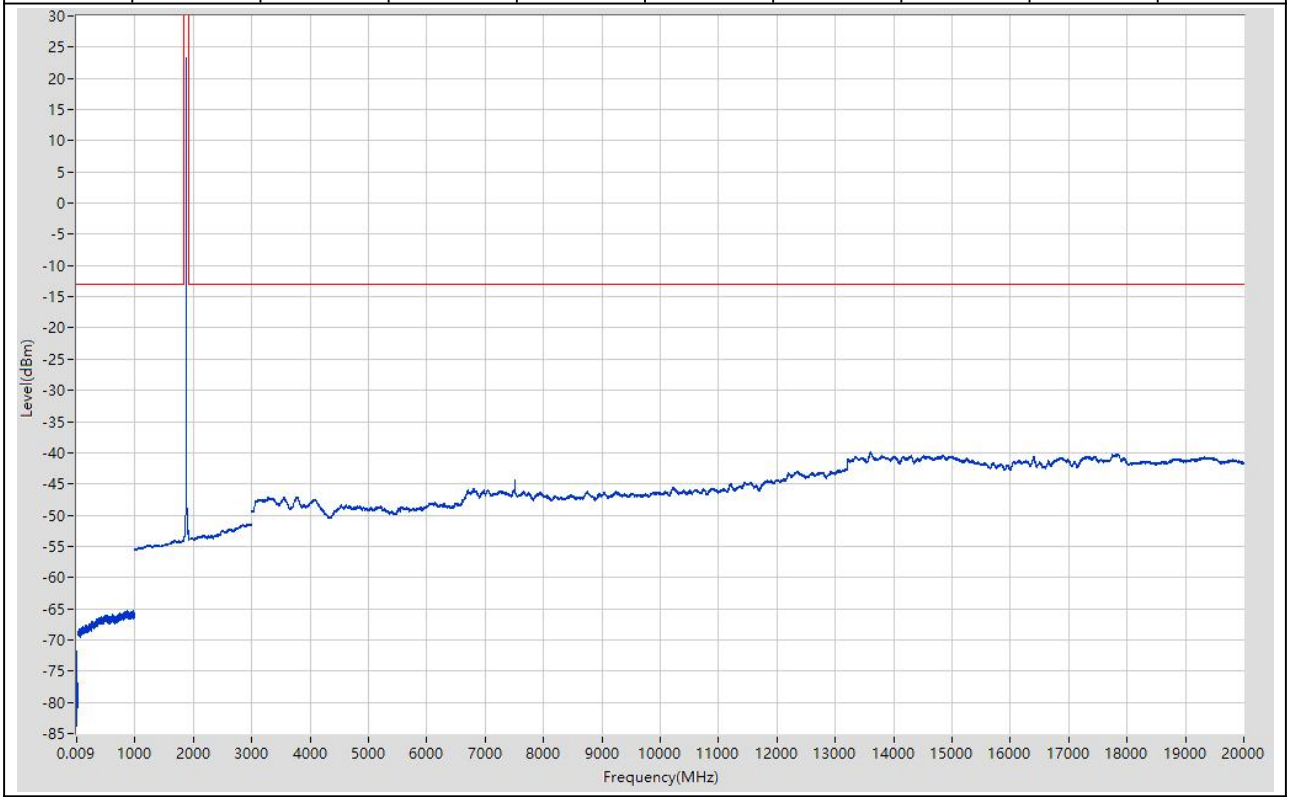
9.9 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.82	-13	59.82	Pass	401
0.15	30	0.01	RMS	0.15	-71.89	-13	58.89	Pass	2986
30	1000	0.1	RMS	976.685	-65.37	-13	52.37	Pass	9701
1000	1840	1	RMS	1840	-53.72	-13	40.72	Pass	841
1840	1920	1	RMS	1878.6	23.7	60	36.3	Pass	401
1920	3000	1	RMS	3000	-51.39	-13	38.39	Pass	1081
3000	12000	1	RMS	7515	-44.15	-13	31.15	Pass	9002
12000	20000	1	RMS	13602	-39.86	-13	26.86	Pass	8001



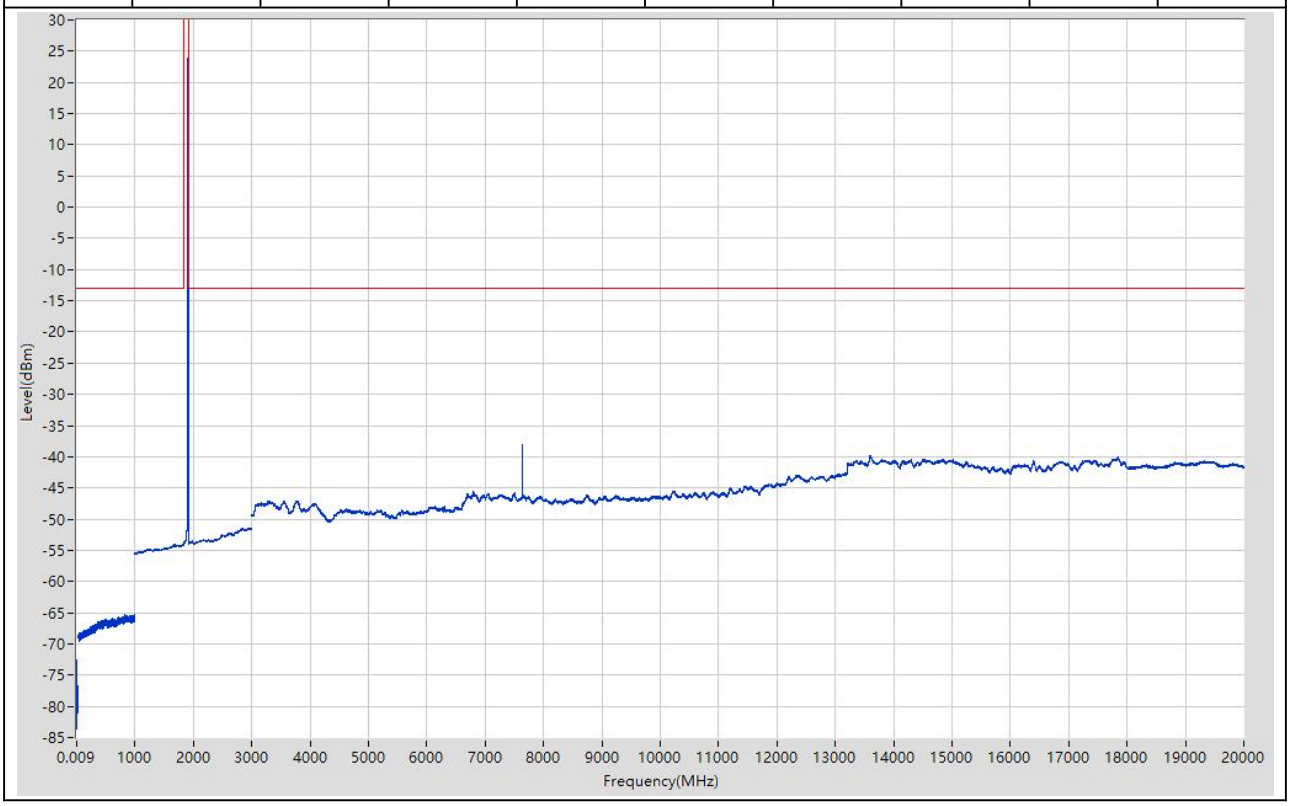
9.10 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.77	-13	59.77	Pass	401
0.15	30	0.01	RMS	0.16	-71.72	-13	58.72	Pass	2986
30	1000	0.1	RMS	862.909	-65.26	-13	52.26	Pass	9701
1000	1840	1	RMS	1840	-53.76	-13	40.76	Pass	841
1840	1920	1	RMS	1878.6	23.38	60	36.62	Pass	401
1920	3000	1	RMS	2979	-51.39	-13	38.39	Pass	1081
3000	12000	1	RMS	11999	-44.31	-13	31.31	Pass	9002
12000	20000	1	RMS	13603	-39.86	-13	26.86	Pass	8001



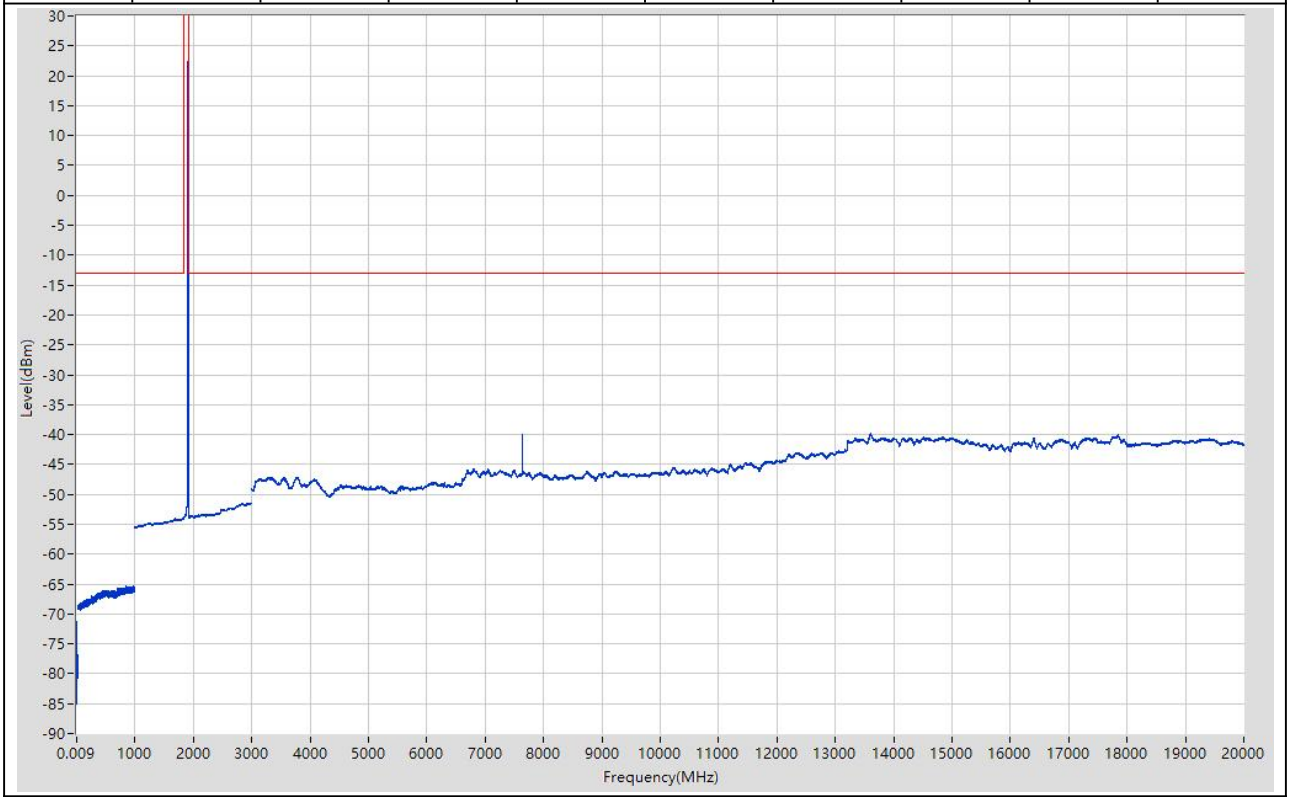
9.11 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-73	-13	60	Pass	401
0.15	30	0.01	RMS	0.16	-72.49	-13	59.49	Pass	2986
30	1000	0.1	RMS	992.695	-65.32	-13	52.32	Pass	9701
1000	1840	1	RMS	1838	-53.92	-13	40.92	Pass	841
1840	1920	1	RMS	1907.2	23.85	60	36.15	Pass	401
1920	3000	1	RMS	2934	-51.4	-13	38.4	Pass	1081
3000	12000	1	RMS	7629	-38.05	-13	25.05	Pass	9002
12000	20000	1	RMS	13600	-39.78	-13	26.78	Pass	8001



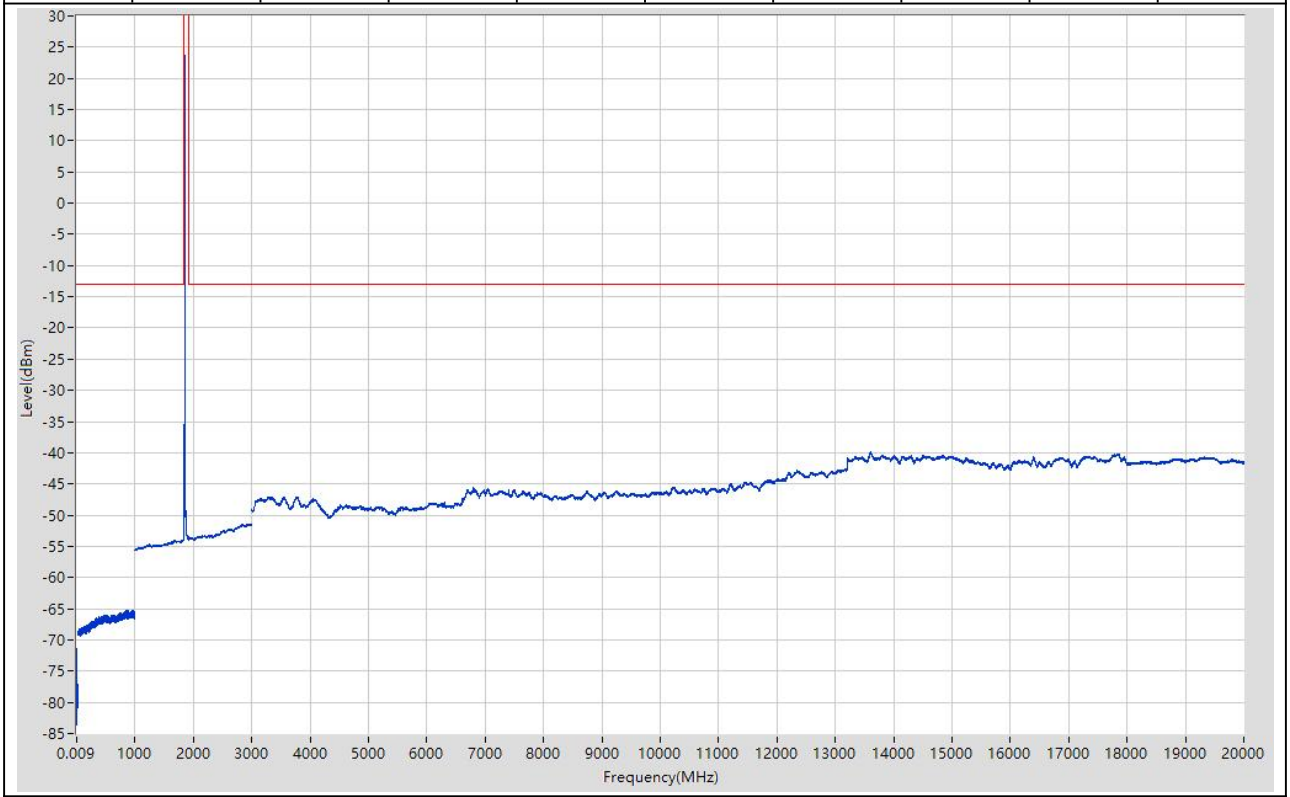
9.12 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.83	-13	59.83	Pass	401
0.15	30	0.01	RMS	0.15	-71.31	-13	58.31	Pass	2986
30	1000	0.1	RMS	850.201	-65.32	-13	52.32	Pass	9701
1000	1840	1	RMS	1840	-53.89	-13	40.89	Pass	841
1840	1920	1	RMS	1907.2	22.47	60	37.53	Pass	401
1920	3000	1	RMS	2987	-51.43	-13	38.43	Pass	1081
3000	12000	1	RMS	7629	-40.05	-13	27.05	Pass	9002
12000	20000	1	RMS	13599	-39.87	-13	26.87	Pass	8001



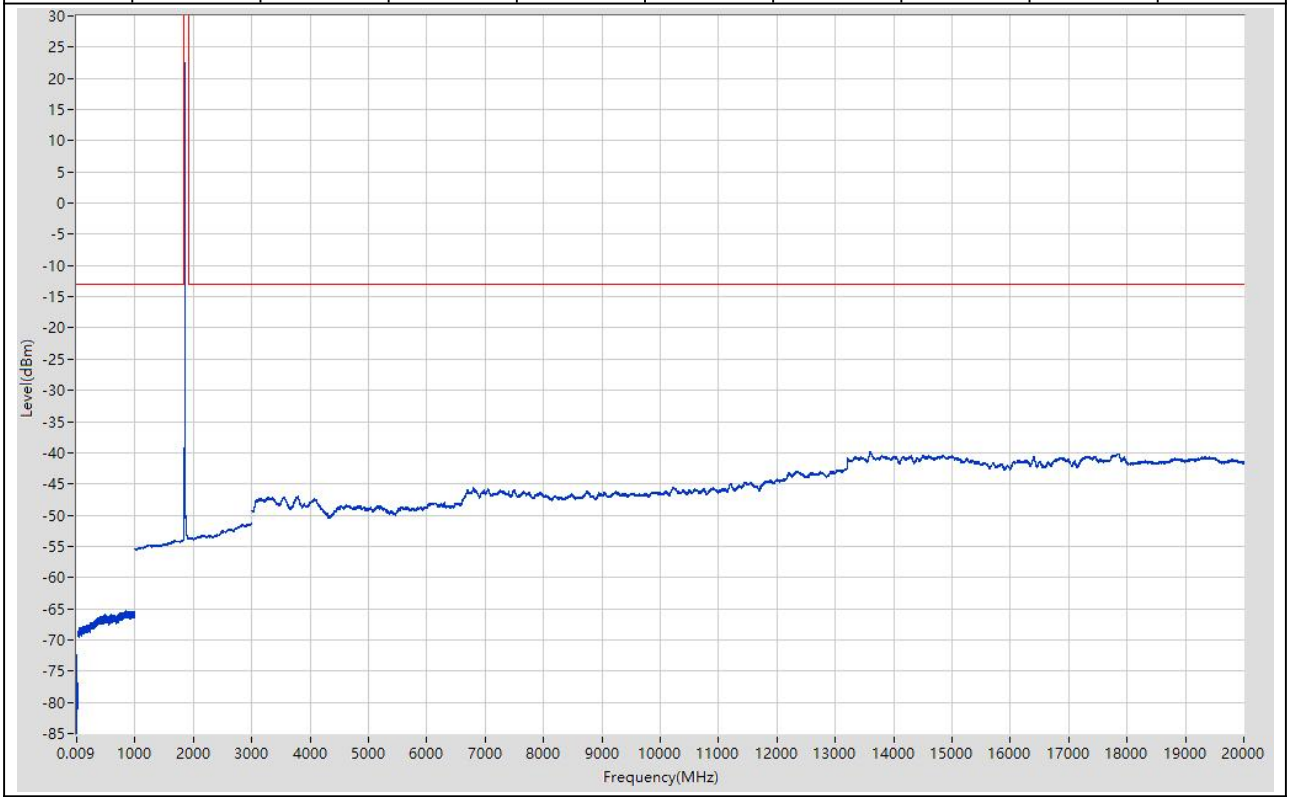
9.13 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.22	-13	59.22	Pass	401
0.15	30	0.01	RMS	0.15	-71.36	-13	58.36	Pass	2986
30	1000	0.1	RMS	875.117	-65.25	-13	52.25	Pass	9701
1000	1840	1	RMS	1840	-50.96	-13	37.96	Pass	841
1840	1920	1	RMS	1850.2	23.74	60	36.26	Pass	401
1920	3000	1	RMS	2999	-51.39	-13	38.39	Pass	1081
3000	12000	1	RMS	11998	-44.28	-13	31.28	Pass	9002
12000	20000	1	RMS	13598	-39.81	-13	26.81	Pass	8001



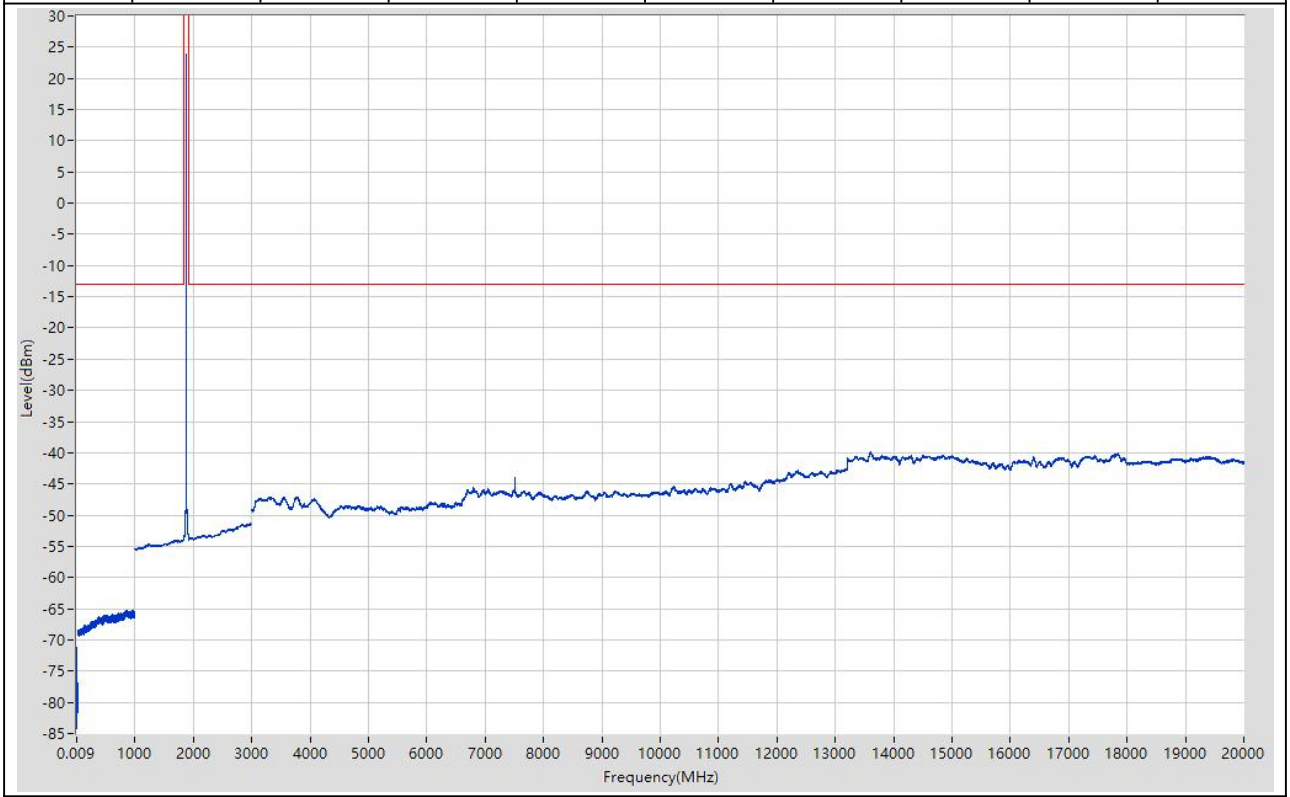
9.14 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.38	-13	59.38	Pass	401
0.15	30	0.01	RMS	0.16	-72.82	-13	59.82	Pass	2986
30	1000	0.1	RMS	854.103	-65.25	-13	52.25	Pass	9701
1000	1840	1	RMS	1840	-51.42	-13	38.42	Pass	841
1840	1920	1	RMS	1850.2	22.43	60	37.57	Pass	401
1920	3000	1	RMS	3000	-51.35	-13	38.35	Pass	1081
3000	12000	1	RMS	11998	-44.23	-13	31.23	Pass	9002
12000	20000	1	RMS	13606	-39.81	-13	26.81	Pass	8001



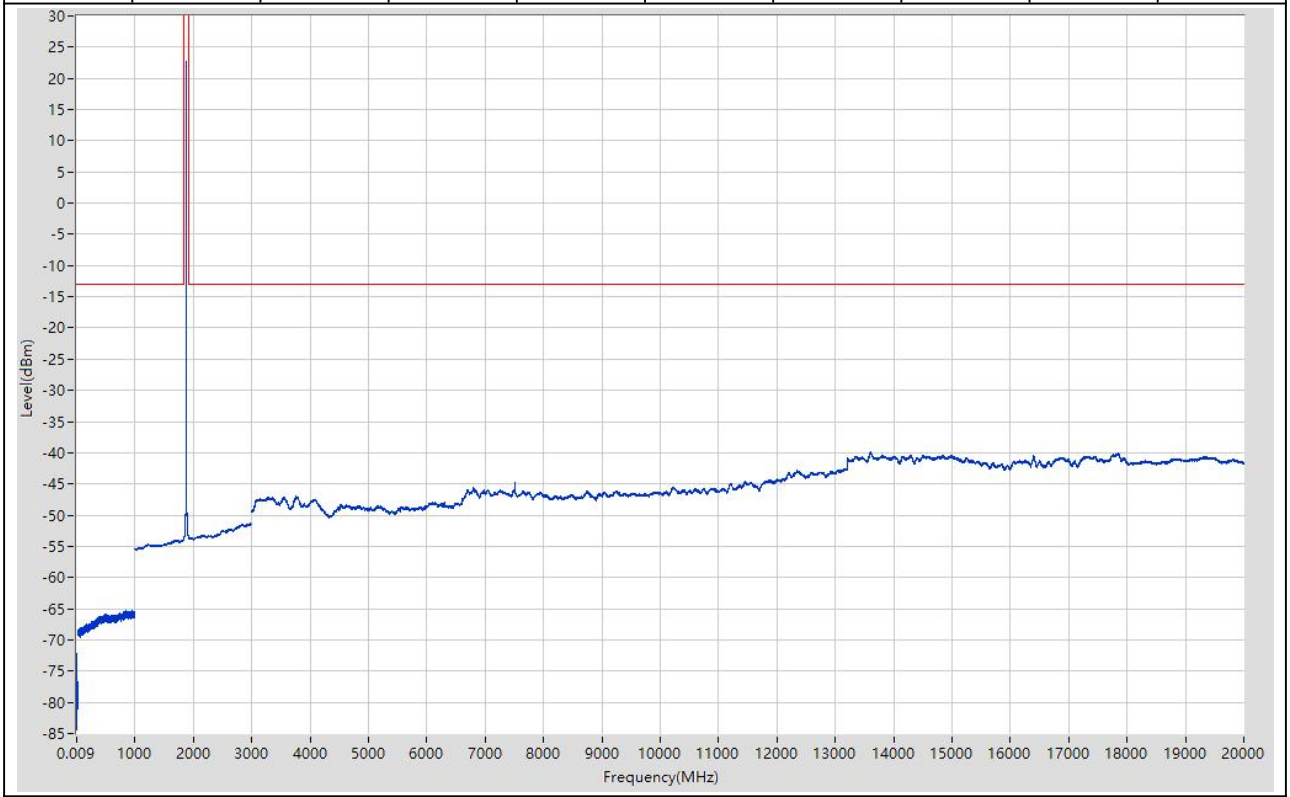
9.15 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.74	-13	59.74	Pass	401
0.15	30	0.01	RMS	0.16	-71.24	-13	58.24	Pass	2986
30	1000	0.1	RMS	865.811	-65.27	-13	52.27	Pass	9701
1000	1840	1	RMS	1840	-53.63	-13	40.63	Pass	841
1840	1920	1	RMS	1877.8	23.83	60	36.17	Pass	401
1920	3000	1	RMS	2985	-51.36	-13	38.36	Pass	1081
3000	12000	1	RMS	7511	-44.03	-13	31.03	Pass	9002
12000	20000	1	RMS	13600	-39.83	-13	26.83	Pass	8001



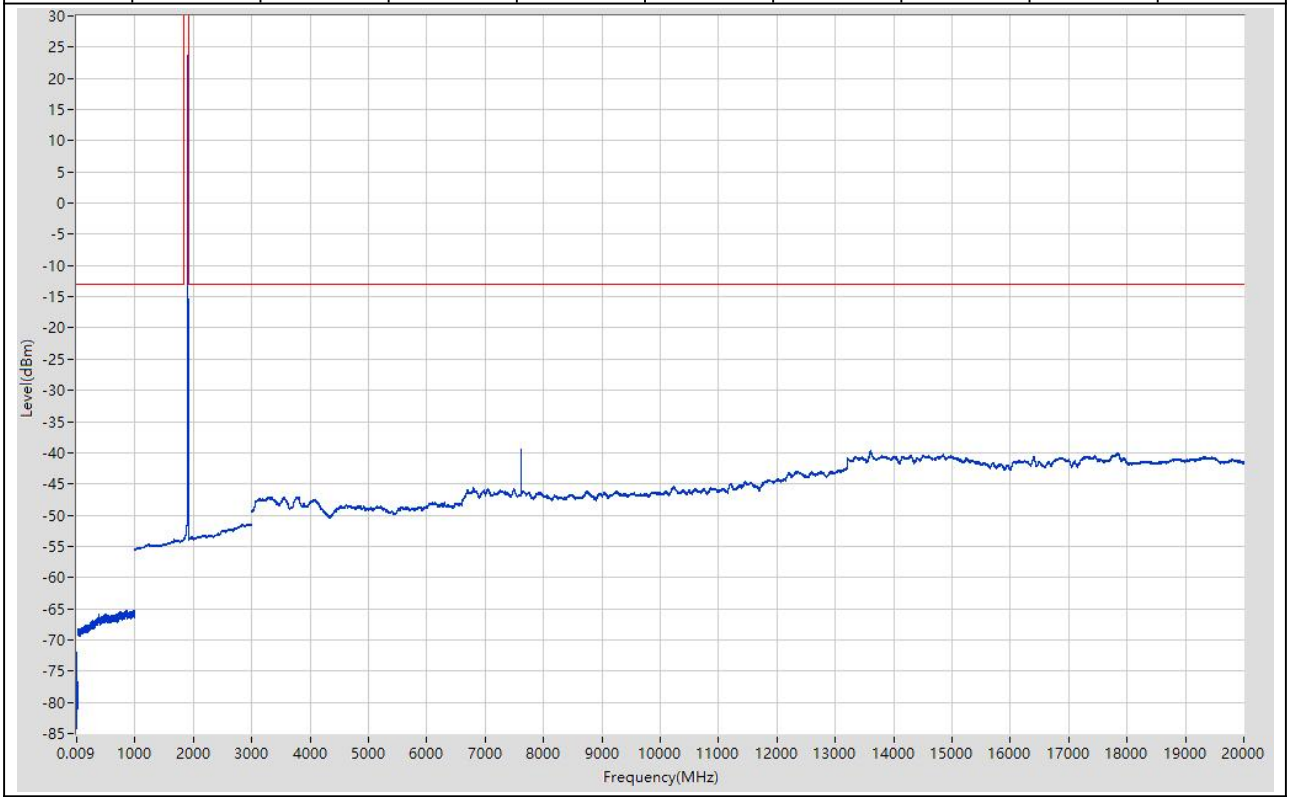
9.16 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.2	-13	59.2	Pass	401
0.15	30	0.01	RMS	0.15	-72.13	-13	59.13	Pass	2986
30	1000	0.1	RMS	952.268	-65.31	-13	52.31	Pass	9701
1000	1840	1	RMS	1840	-53.76	-13	40.76	Pass	841
1840	1920	1	RMS	1877.8	22.68	60	37.32	Pass	401
1920	3000	1	RMS	2979	-51.35	-13	38.35	Pass	1081
3000	12000	1	RMS	12000	-44.24	-13	31.24	Pass	9002
12000	20000	1	RMS	13601	-39.83	-13	26.83	Pass	8001



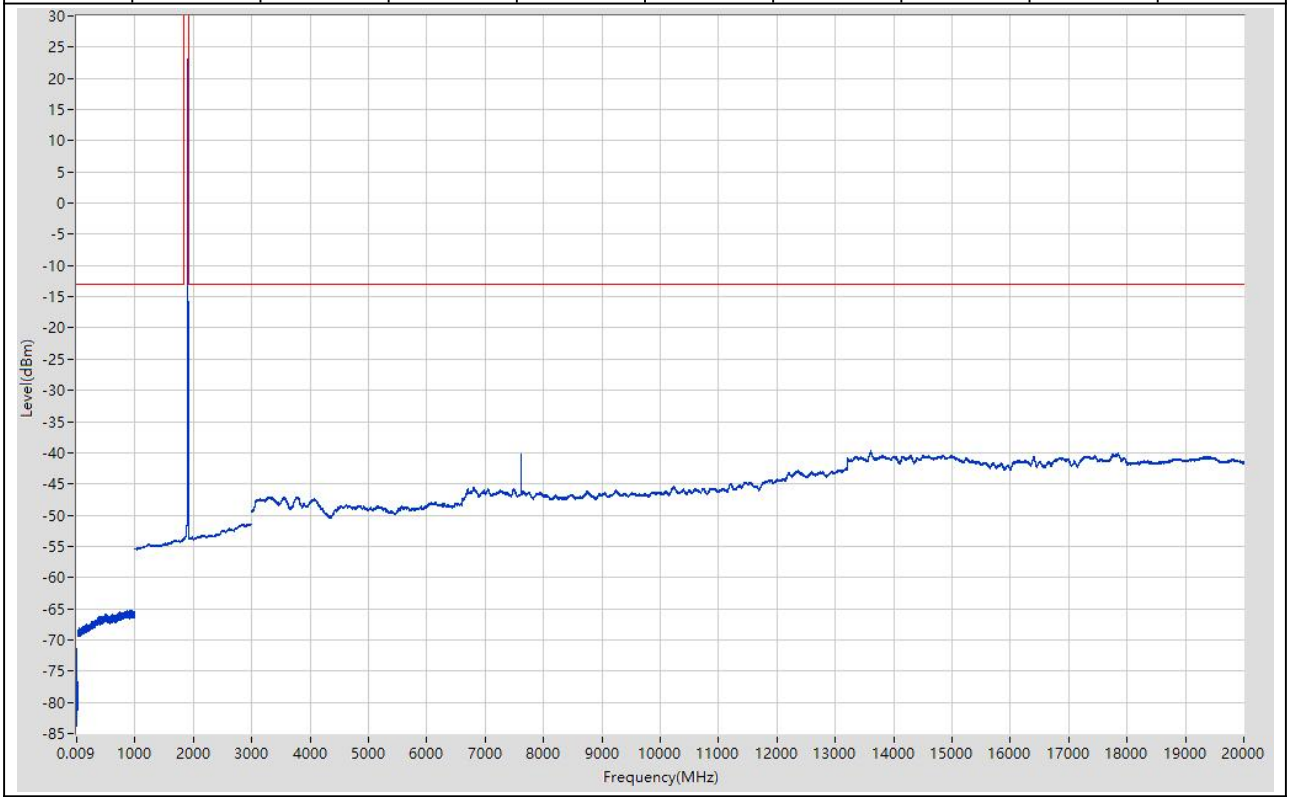
9.17 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-71.99	-13	58.99	Pass	401
0.15	30	0.01	RMS	0.16	-71.93	-13	58.93	Pass	2986
30	1000	0.1	RMS	982.488	-65.22	-13	52.22	Pass	9701
1000	1840	1	RMS	1839	-53.84	-13	40.84	Pass	841
1840	1920	1	RMS	1905.2	23.69	60	36.31	Pass	401
1920	3000	1	RMS	2849	-51.37	-13	38.37	Pass	1081
3000	12000	1	RMS	7621	-39.52	-13	26.52	Pass	9002
12000	20000	1	RMS	13603	-39.69	-13	26.69	Pass	8001



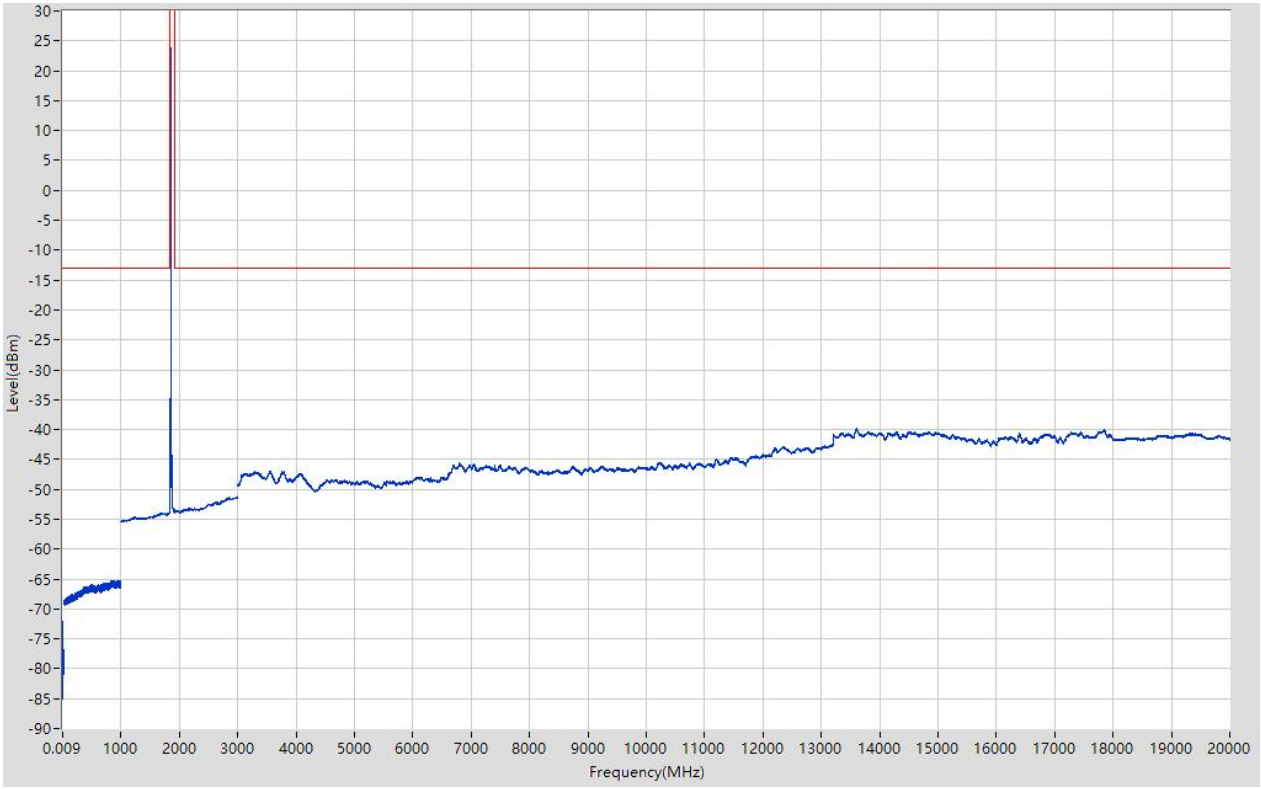
9.18 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.76	-13	59.76	Pass	401
0.15	30	0.01	RMS	0.15	-71.29	-13	58.29	Pass	2986
30	1000	0.1	RMS	935.557	-65.31	-13	52.31	Pass	9701
1000	1840	1	RMS	1840	-53.85	-13	40.85	Pass	841
1840	1920	1	RMS	1905.2	23.13	60	36.87	Pass	401
1920	3000	1	RMS	2981	-51.37	-13	38.37	Pass	1081
3000	12000	1	RMS	7621	-40.19	-13	27.19	Pass	9002
12000	20000	1	RMS	13601	-39.7	-13	26.7	Pass	8001



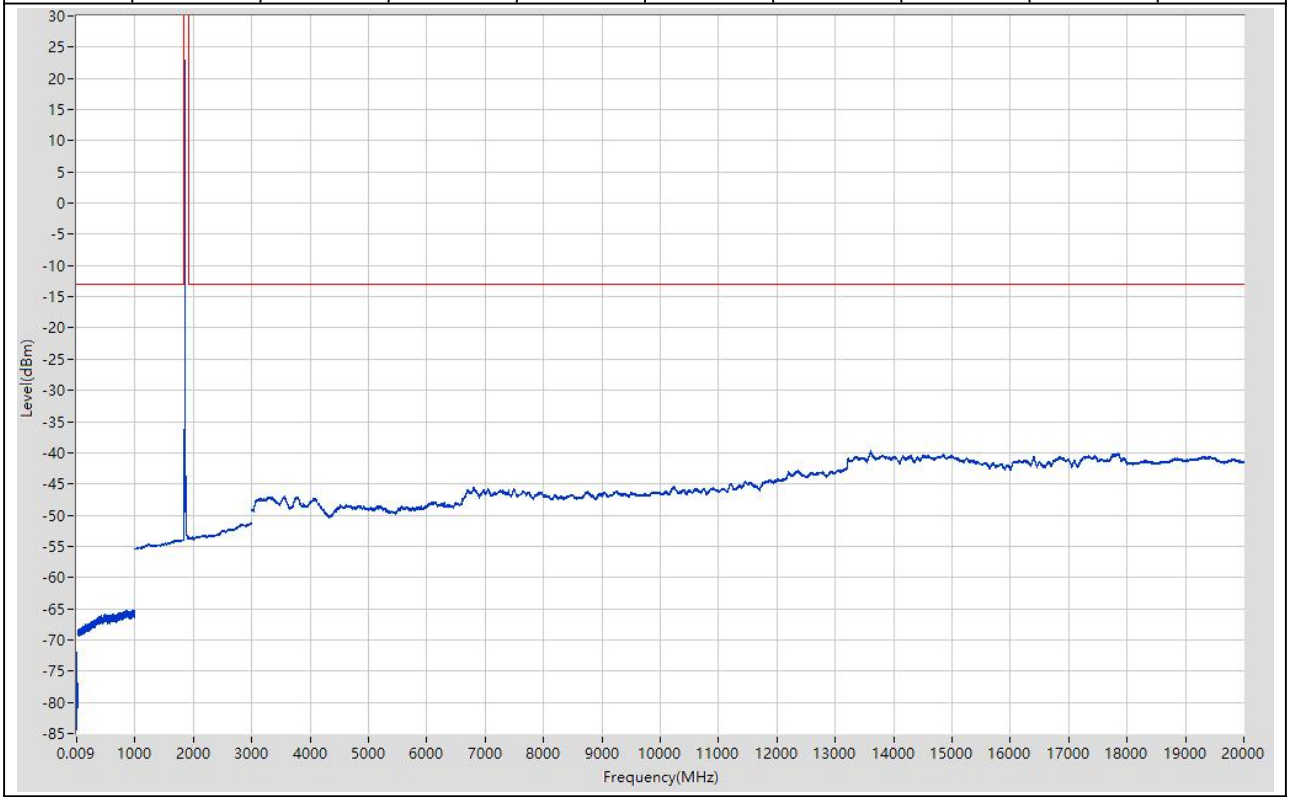
9.19 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.74	-13	59.74	Pass	401
0.15	30	0.01	RMS	0.16	-72.15	-13	59.15	Pass	2986
30	1000	0.1	RMS	848	-65.24	-13	52.24	Pass	9701
1000	1840	1	RMS	1833	-50	-13	37	Pass	841
1840	1920	1	RMS	1850.4	23.77	60	36.23	Pass	401
1920	3000	1	RMS	2840	-51.35	-13	38.35	Pass	1081
3000	12000	1	RMS	11999	-44.18	-13	31.18	Pass	9002
12000	20000	1	RMS	13600	-39.76	-13	26.76	Pass	8001



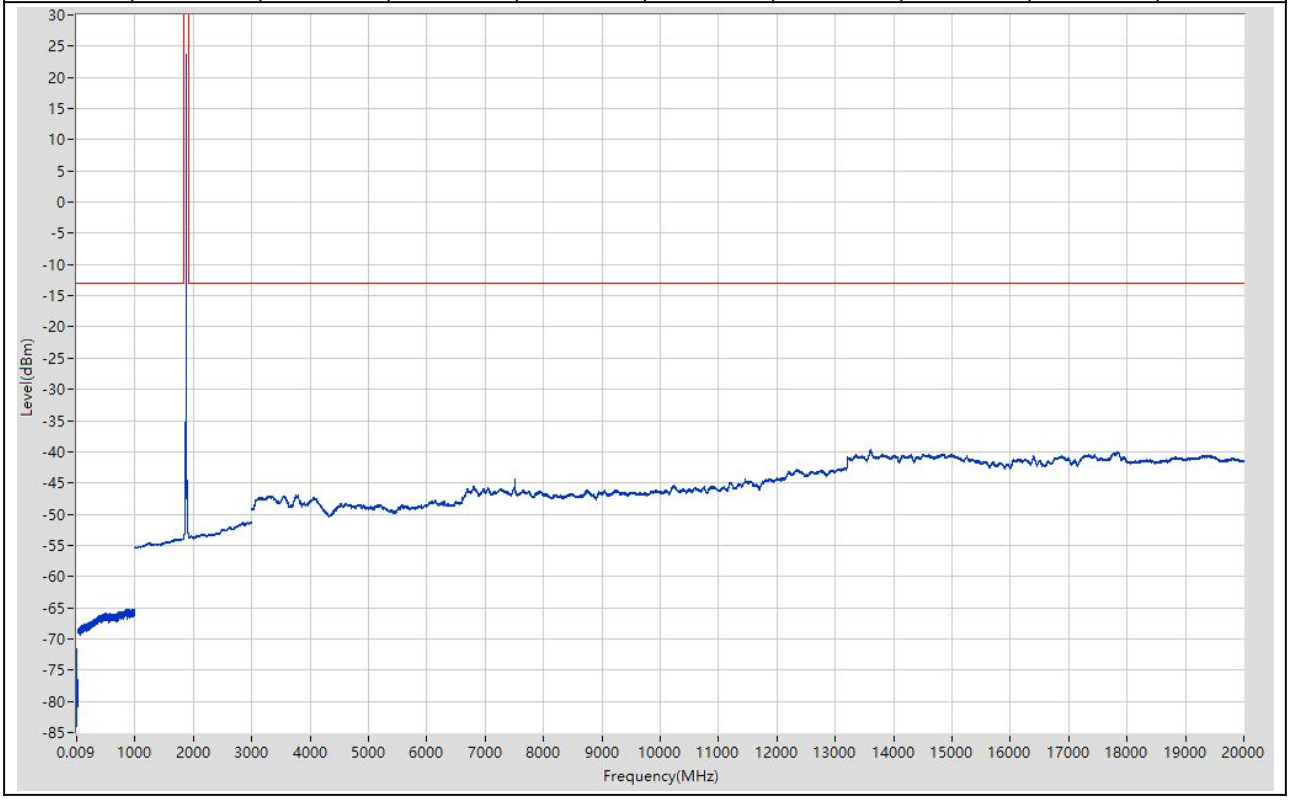
9.20 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.02	-13	59.02	Pass	401
0.15	30	0.01	RMS	0.15	-72.59	-13	59.59	Pass	2986
30	1000	0.1	RMS	852.002	-65.21	-13	52.21	Pass	9701
1000	1840	1	RMS	1840	-50.69	-13	37.69	Pass	841
1840	1920	1	RMS	1850.6	22.91	60	37.09	Pass	401
1920	3000	1	RMS	2981	-51.3	-13	38.3	Pass	1081
3000	12000	1	RMS	11998	-44.26	-13	31.26	Pass	9002
12000	20000	1	RMS	13601	-39.73	-13	26.73	Pass	8001



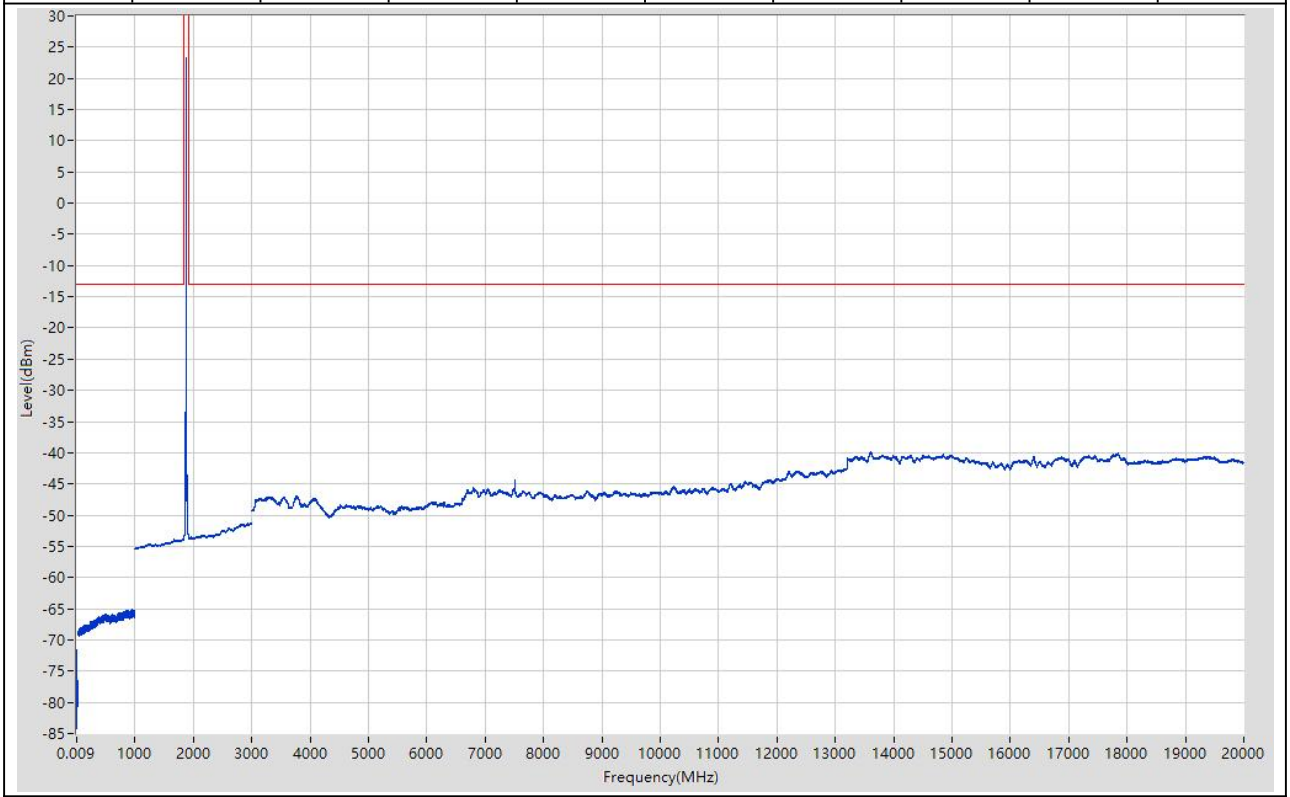
9.21 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.09	-13	59.09	Pass	401
0.15	30	0.01	RMS	0.17	-71.67	-13	58.67	Pass	2986
30	1000	0.1	RMS	835.3	-65.26	-13	52.26	Pass	9701
1000	1840	1	RMS	1840	-53.64	-13	40.64	Pass	841
1840	1920	1	RMS	1875.4	23.72	60	36.28	Pass	401
1920	3000	1	RMS	2847	-51.31	-13	38.31	Pass	1081
3000	12000	1	RMS	11997	-44.24	-13	31.24	Pass	9002
12000	20000	1	RMS	13602	-39.71	-13	26.71	Pass	8001



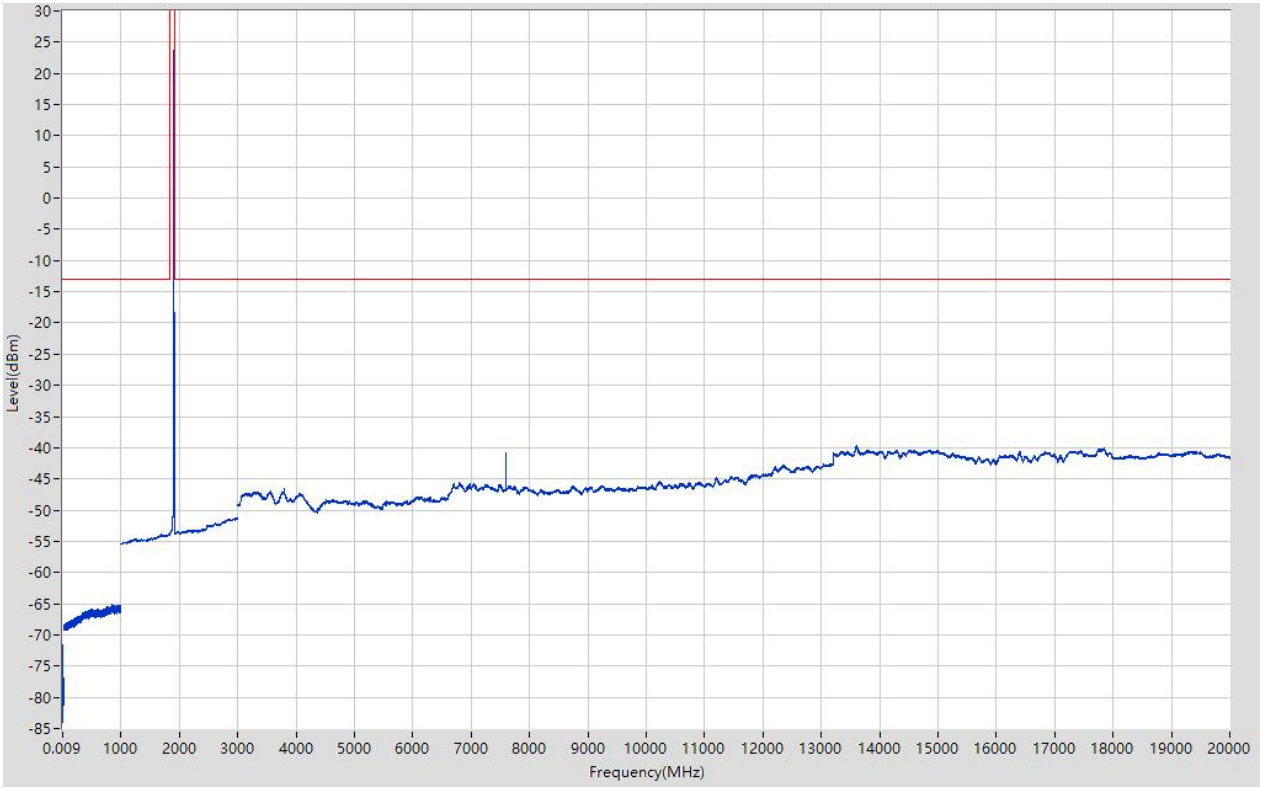
9.22 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-71.58	-13	58.58	Pass	401
0.15	30	0.01	RMS	0.17	-71.73	-13	58.73	Pass	2986
30	1000	0.1	RMS	952.168	-65.17	-13	52.17	Pass	9701
1000	1840	1	RMS	1838	-53.6	-13	40.6	Pass	841
1840	1920	1	RMS	1875.4	23.34	60	36.66	Pass	401
1920	3000	1	RMS	2987	-51.35	-13	38.35	Pass	1081
3000	12000	1	RMS	11999	-44.21	-13	31.21	Pass	9002
12000	20000	1	RMS	13602	-39.77	-13	26.77	Pass	8001



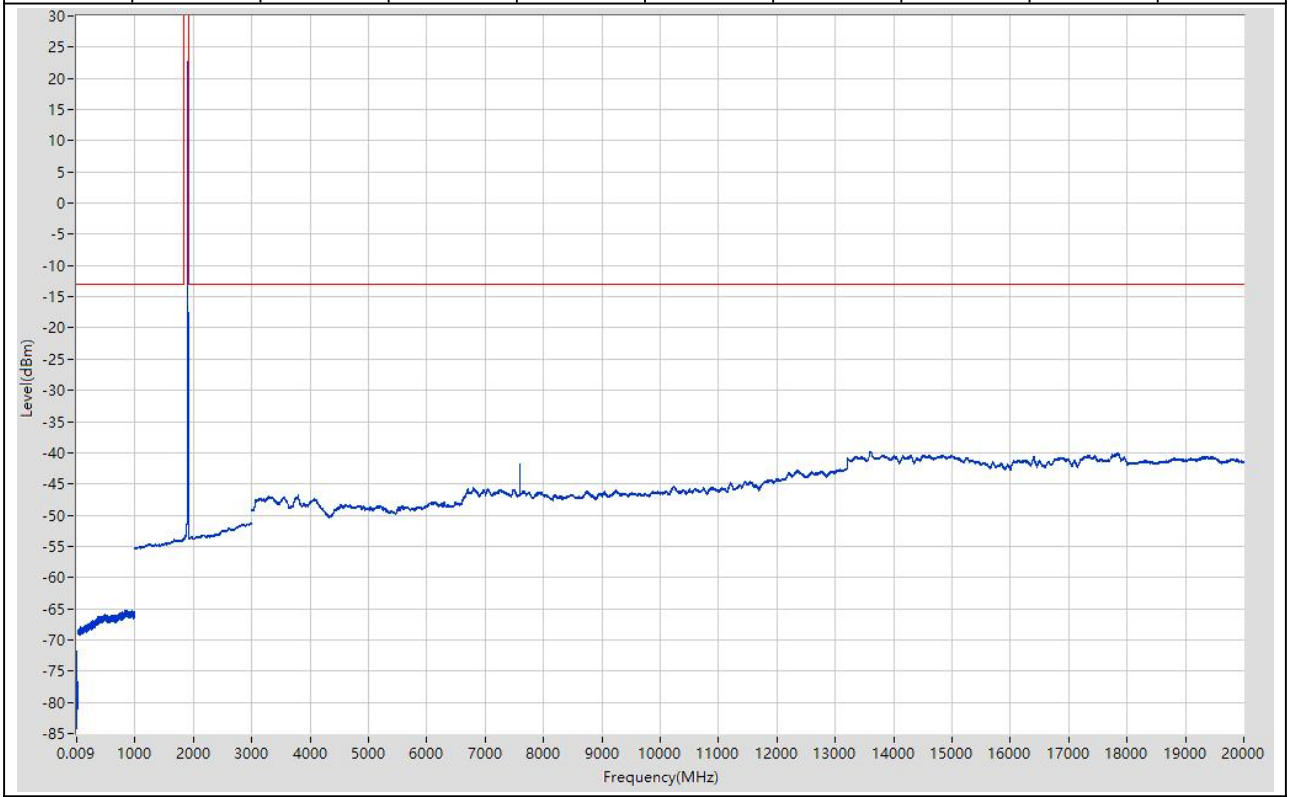
9.23 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

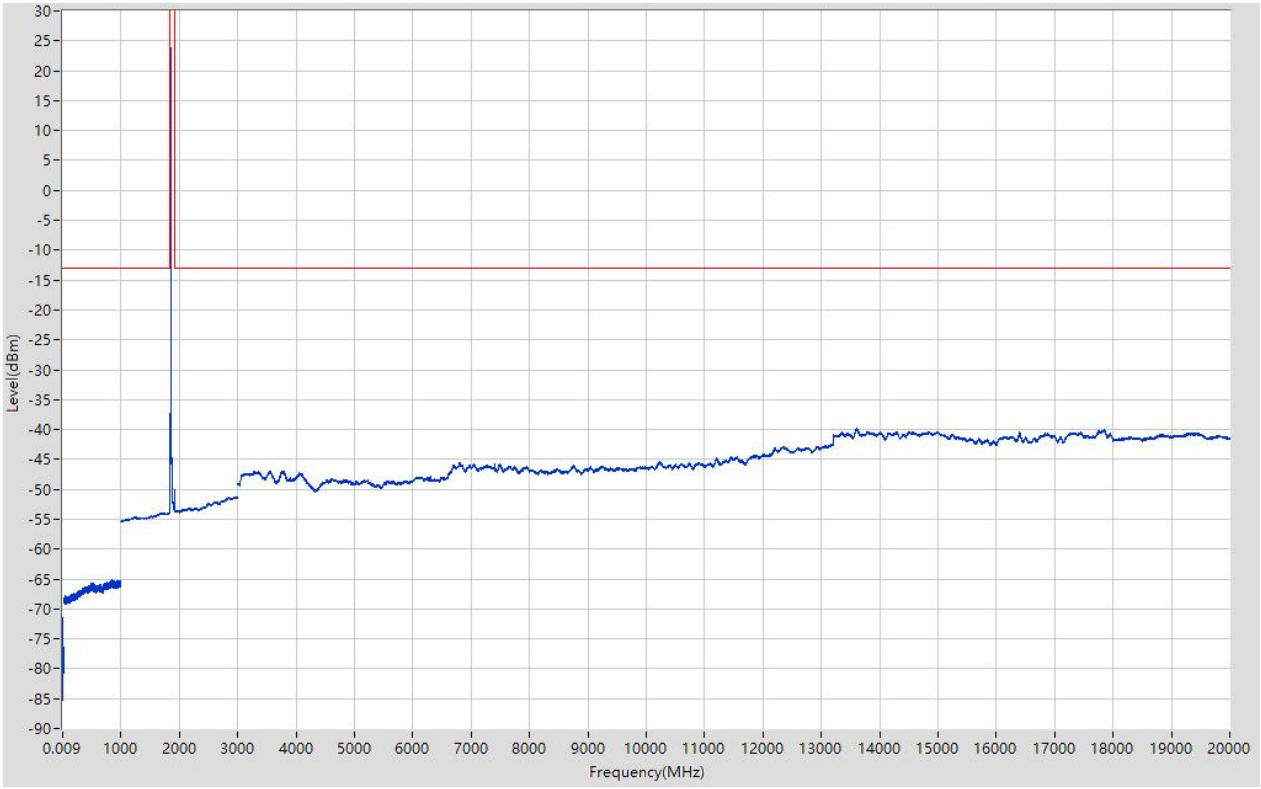
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.78	-13	59.78	Pass	401
0.15	30	0.01	RMS	0.15	-71.53	-13	58.53	Pass	2986
30	1000	0.1	RMS	854.203	-65.16	-13	52.16	Pass	9701
1000	1840	1	RMS	1839	-53.76	-13	40.76	Pass	841
1840	1920	1	RMS	1900.4	23.74	60	36.26	Pass	401
1920	3000	1	RMS	2978	-51.33	-13	38.33	Pass	1081
3000	12000	1	RMS	7602	-40.9	-13	27.9	Pass	9002
12000	20000	1	RMS	13601	-39.72	-13	26.72	Pass	8001



9.24 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.15	-13	59.15	Pass	401
0.15	30	0.01	RMS	0.15	-71.83	-13	58.83	Pass	2986
30	1000	0.1	RMS	842.3	-65.21	-13	52.21	Pass	9701
1000	1840	1	RMS	1839	-53.79	-13	40.79	Pass	841
1840	1920	1	RMS	1900.4	22.77	60	37.23	Pass	401
1920	3000	1	RMS	2996	-51.34	-13	38.34	Pass	1081
3000	12000	1	RMS	7602	-41.84	-13	28.84	Pass	9002
12000	20000	1	RMS	13599	-39.81	-13	26.81	Pass	8001



9.25 LTE Spurious Emission at Antenna Terminals_Part22-24-27(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop 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	-72.02	-13	59.02	Pass	401
0.15	30	0.01	RMS	0.16	-71.39	-13	58.39	Pass	2986
30	1000	0.1	RMS	851.702	-64.99	-13	51.99	Pass	9701
1000	1840	1	RMS	1838	-37.37	-13	24.37	Pass	841
1840	1920	1	RMS	1850.8	23.81	60	36.19	Pass	401
1920	3000	1	RMS	2931	-51.34	-13	38.34	Pass	1081
3000	12000	1	RMS	11998	-44.16	-13	31.16	Pass	9002
12000	20000	1	RMS	13599	-39.76	-13	26.76	Pass	8001