

Spurious Emission at Antenna Terminals

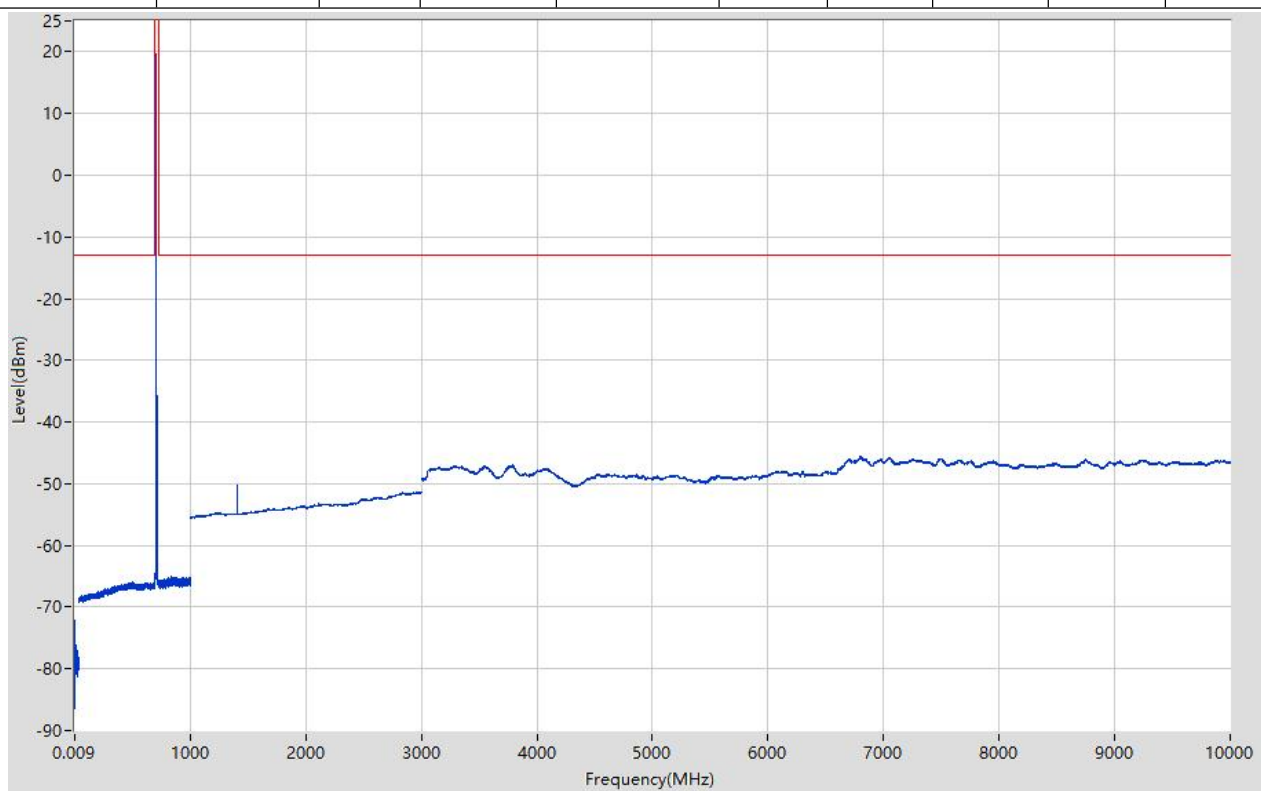
LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

1. LTE_Band17

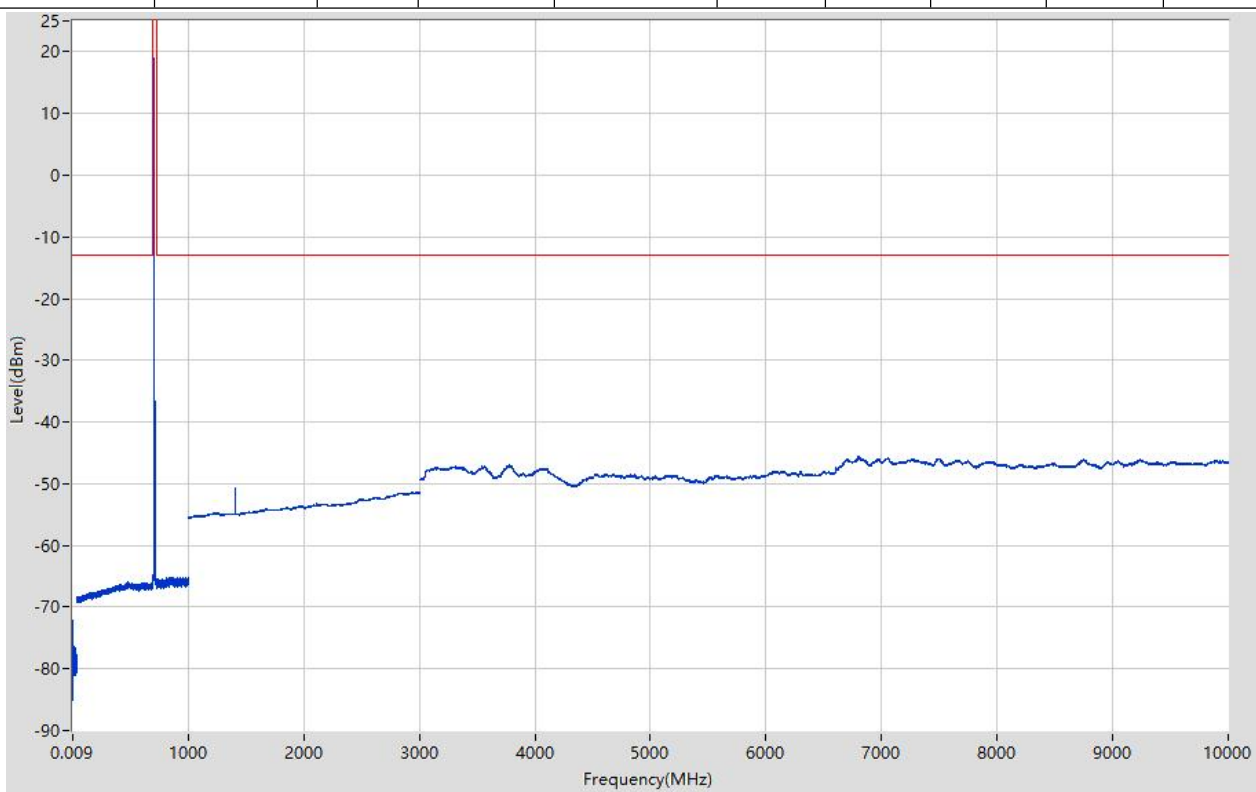
1.1 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

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	-72.45	-13	59.45	Pass	401
0.15	30	0.01	RMS	0.16	-72.08	-13	59.08	Pass	2986
30	694	0.1	RMS	693.6	-65.61	-13	52.61	Pass	6641
694	726	0.1	RMS	704.32	19.56	60	40.44	Pass	401
726	1000	0.1	RMS	836.2	-65.06	-13	52.06	Pass	2741
1000	3000	1	RMS	1408	-50.15	-13	37.15	Pass	2001
3000	10000	1	RMS	6800	-45.52	-13	32.52	Pass	7001



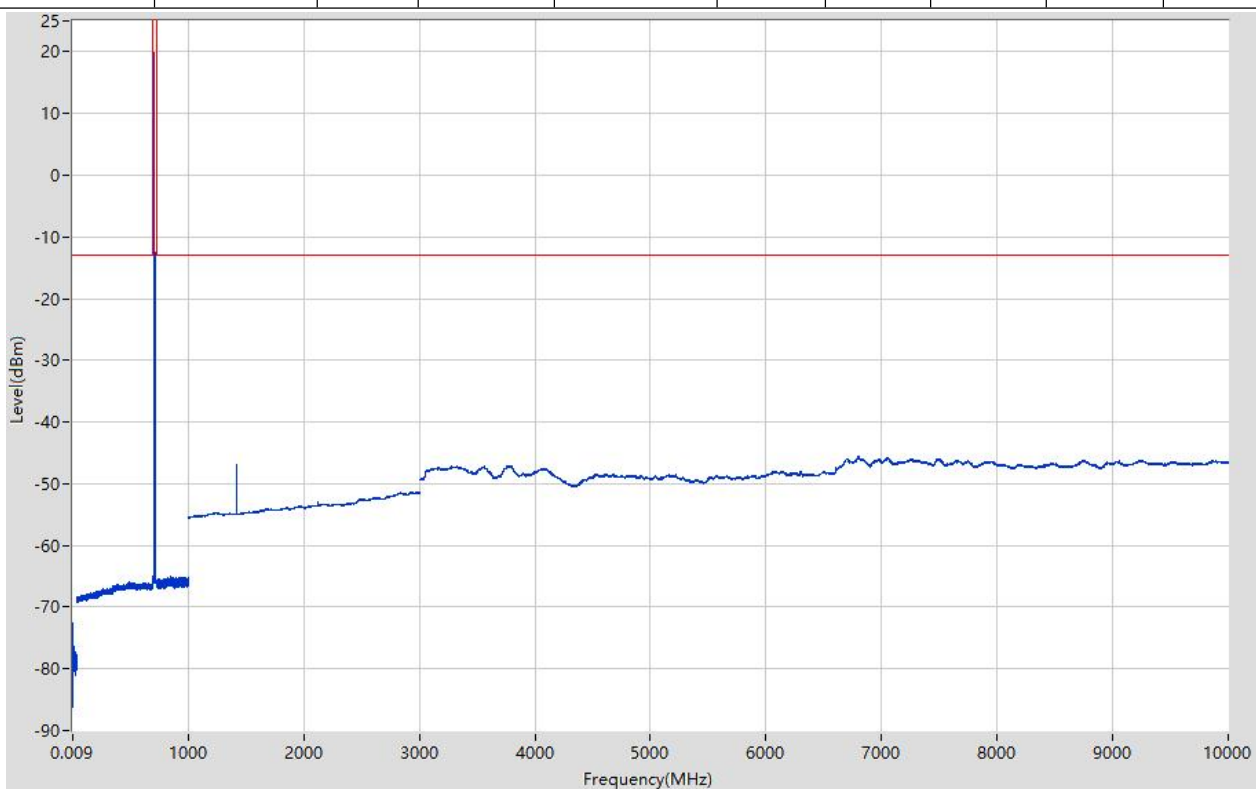
1.2 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:2, Channel:23755, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

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	-72.81	-13	59.81	Pass	401
0.15	30	0.01	RMS	0.22	-72.18	-13	59.18	Pass	2986
30	694	0.1	RMS	693.6	-65.55	-13	52.55	Pass	6641
694	726	0.1	RMS	704.32	18.96	60	41.04	Pass	401
726	1000	0.1	RMS	831	-65.11	-13	52.11	Pass	2741
1000	3000	1	RMS	1408	-50.61	-13	37.61	Pass	2001
3000	10000	1	RMS	6804	-45.62	-13	32.62	Pass	7001



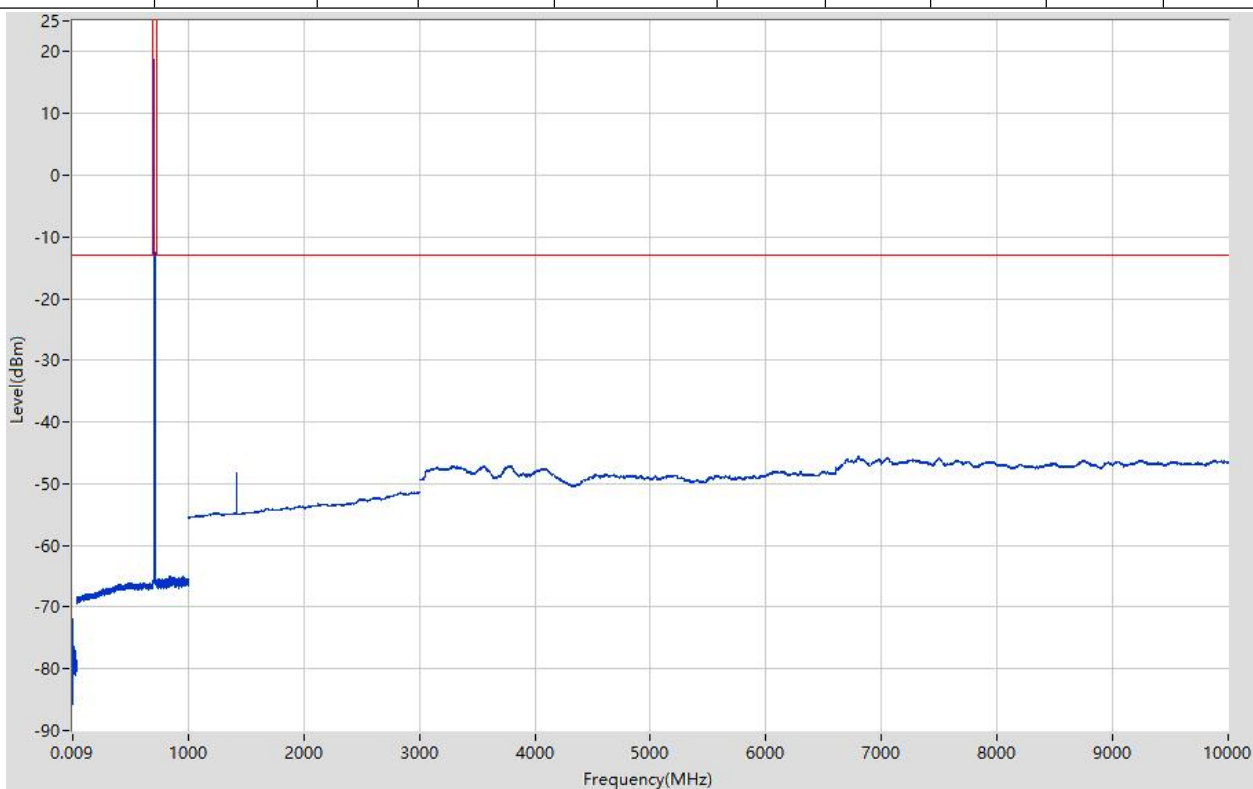
1.3 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

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	-72.64	-13	59.64	Pass	401
0.15	30	0.01	RMS	0.18	-72.63	-13	59.63	Pass	2986
30	694	0.1	RMS	484	-65.98	-13	52.98	Pass	6641
694	726	0.1	RMS	707.84	19.82	60	40.18	Pass	401
726	1000	0.1	RMS	842.7	-64.95	-13	51.95	Pass	2741
1000	3000	1	RMS	1415	-46.93	-13	33.93	Pass	2001
3000	10000	1	RMS	6799	-45.65	-13	32.65	Pass	7001



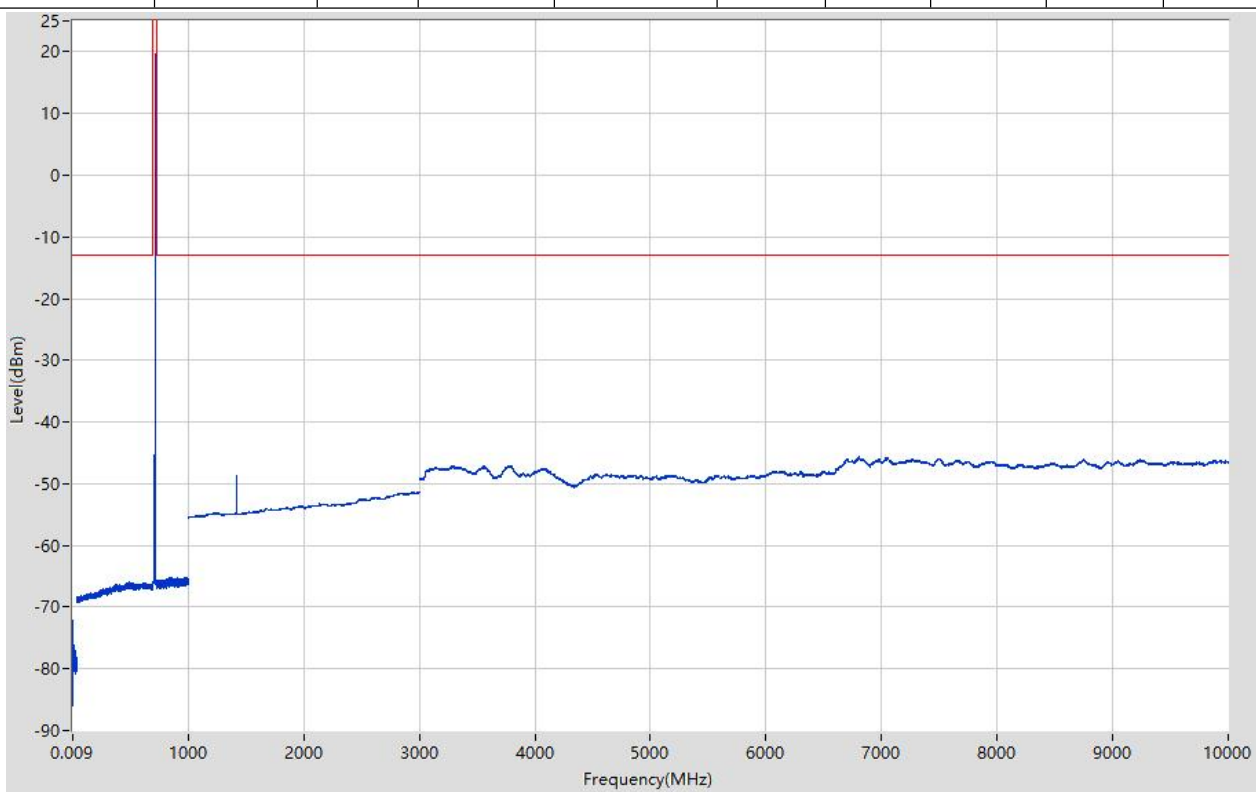
1.4 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:4, Channel:23790, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

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	-72.19	-13	59.19	Pass	401
0.15	30	0.01	RMS	0.15	-72.02	-13	59.02	Pass	2986
30	694	0.1	RMS	693.7	-66.05	-13	53.05	Pass	6641
694	726	0.1	RMS	707.84	18.84	60	41.16	Pass	401
726	1000	0.1	RMS	832.1	-64.95	-13	51.95	Pass	2741
1000	3000	1	RMS	1415	-48.29	-13	35.29	Pass	2001
3000	10000	1	RMS	6800	-45.58	-13	32.58	Pass	7001



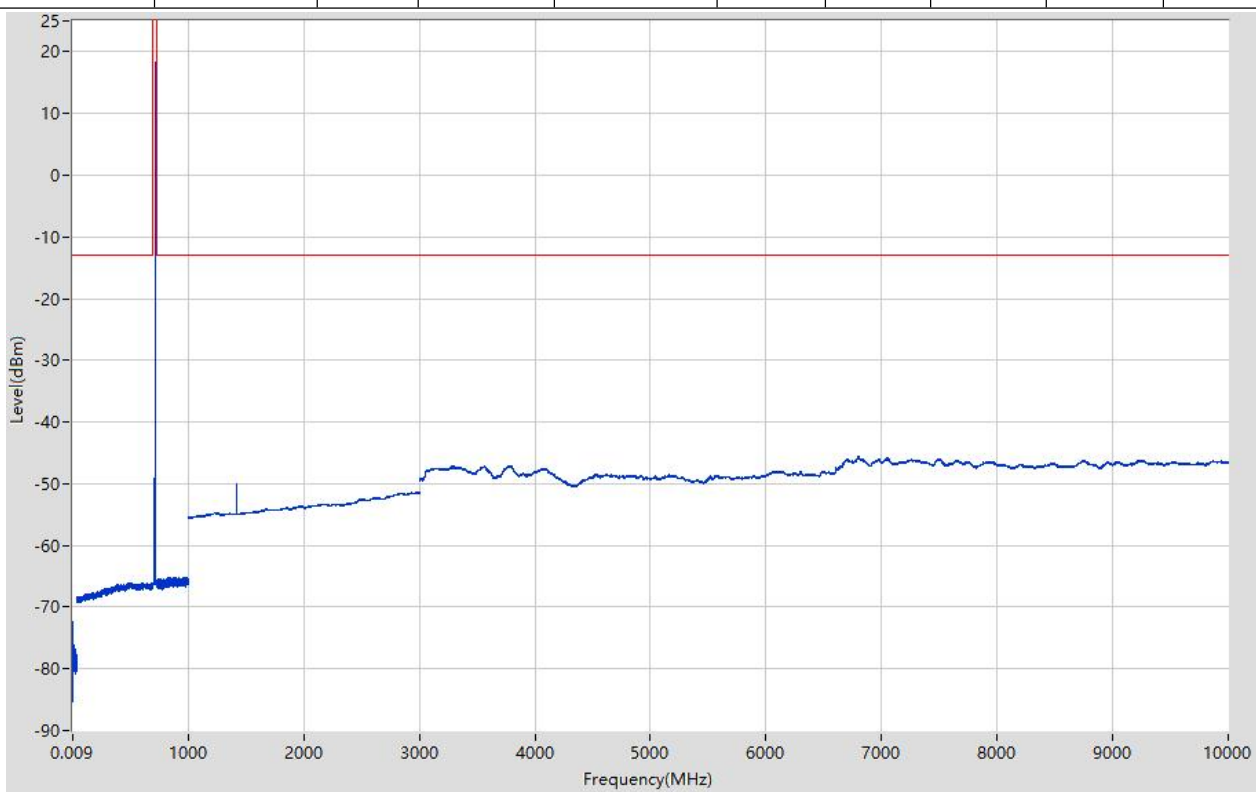
**1.5 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:5,
Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number:1, RB
Position:0)(NTNV)**

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	-73.03	-13	60.03	Pass	401
0.15	30	0.01	RMS	0.18	-72.19	-13	59.19	Pass	2986
30	694	0.1	RMS	693.3	-65.93	-13	52.93	Pass	6641
694	726	0.1	RMS	711.36	19.67	60	40.33	Pass	401
726	1000	0.1	RMS	851.3	-65.14	-13	52.14	Pass	2741
1000	3000	1	RMS	1422	-48.74	-13	35.74	Pass	2001
3000	10000	1	RMS	6800	-45.5	-13	32.5	Pass	7001



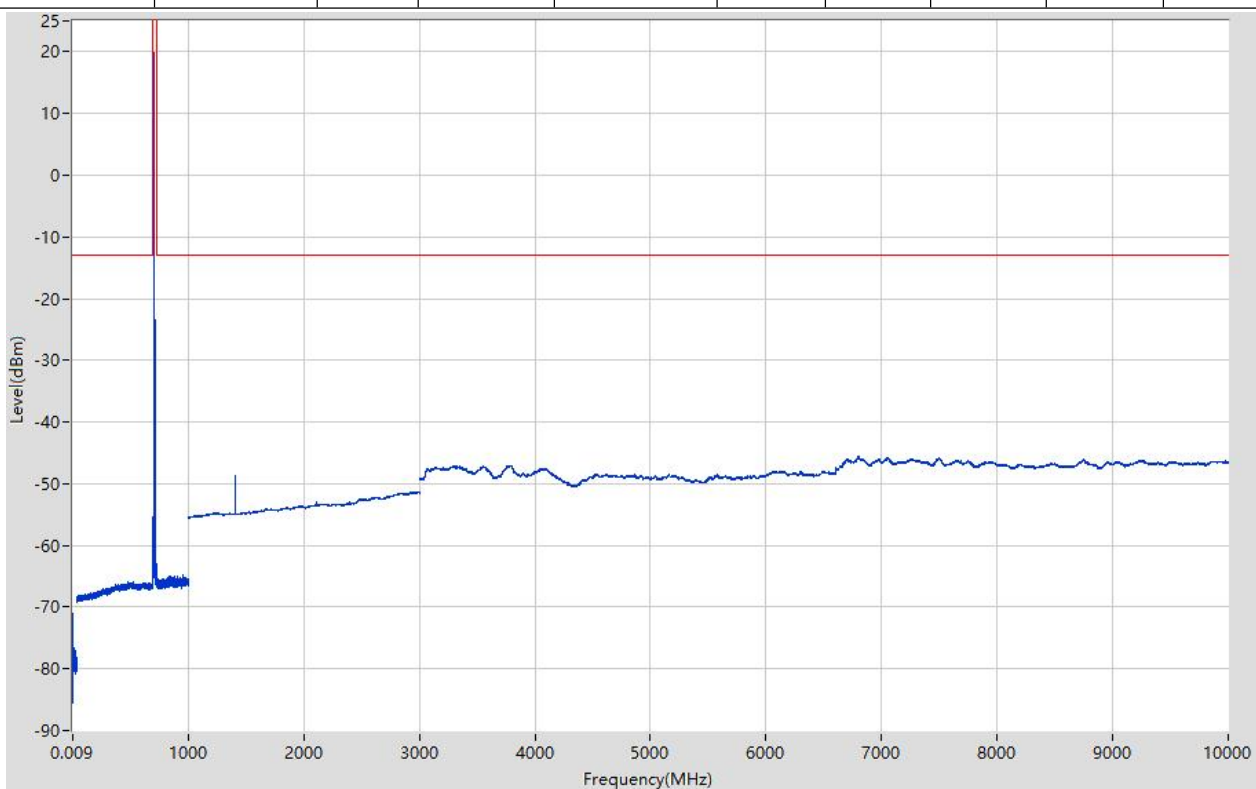
**1.6 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:6,
Channel:23825, Bandwidth:5, Modulation:16QAM, RB Number:1, RB
Position:0)(NTNV)**

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	-72.73	-13	59.73	Pass	401
0.15	30	0.01	RMS	0.31	-72.4	-13	59.4	Pass	2986
30	694	0.1	RMS	612	-66.02	-13	53.02	Pass	6641
694	726	0.1	RMS	711.36	18.3	60	41.7	Pass	401
726	1000	0.1	RMS	864.6	-65.12	-13	52.12	Pass	2741
1000	3000	1	RMS	1422	-49.98	-13	36.98	Pass	2001
3000	10000	1	RMS	6800	-45.58	-13	32.58	Pass	7001



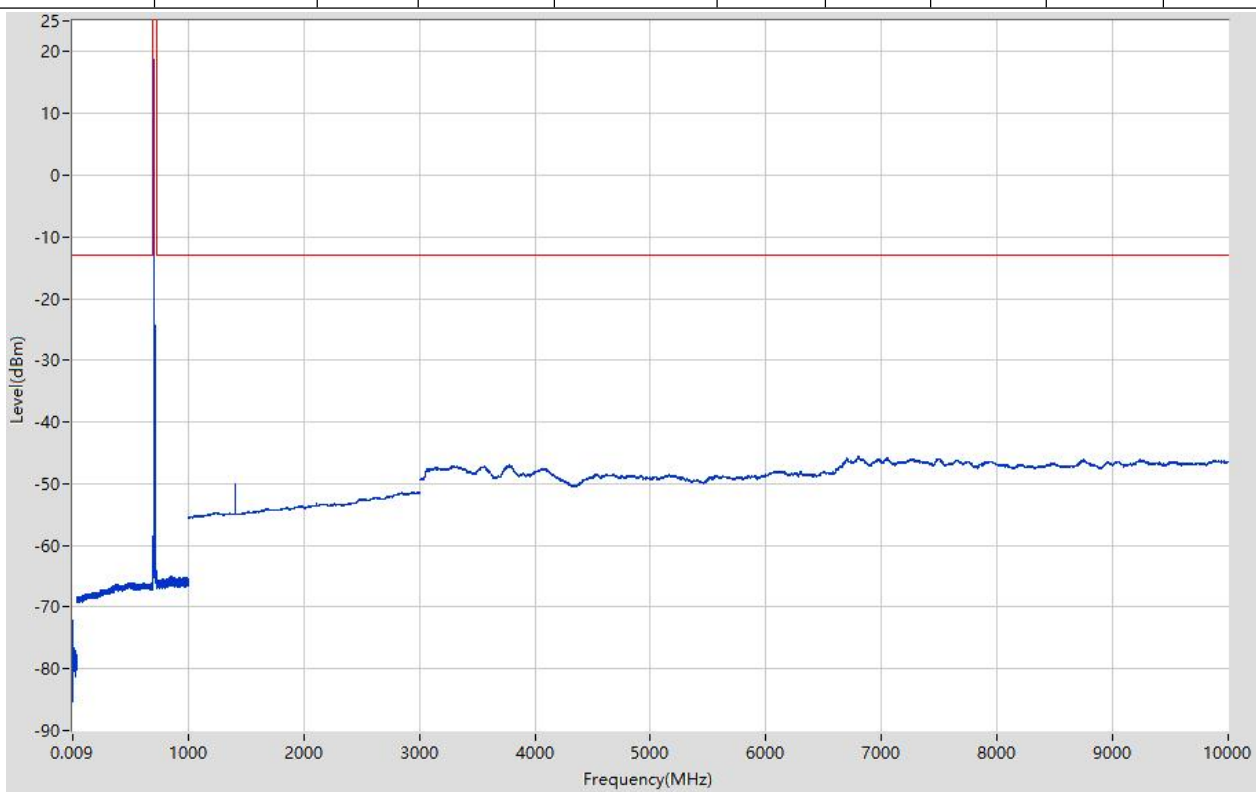
**1.7 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:7,
Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number:1, RB
Position:0)(NTNV)**

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	-71.61	-13	58.61	Pass	401
0.15	30	0.01	RMS	0.15	-71.09	-13	58.09	Pass	2986
30	694	0.1	RMS	693.9	-65.58	-13	52.58	Pass	6641
694	726	0.1	RMS	704.56	19.93	60	40.07	Pass	401
726	1000	0.1	RMS	951.2	-64.84	-13	51.84	Pass	2741
1000	3000	1	RMS	1409	-48.77	-13	35.77	Pass	2001
3000	10000	1	RMS	6799	-45.63	-13	32.63	Pass	7001



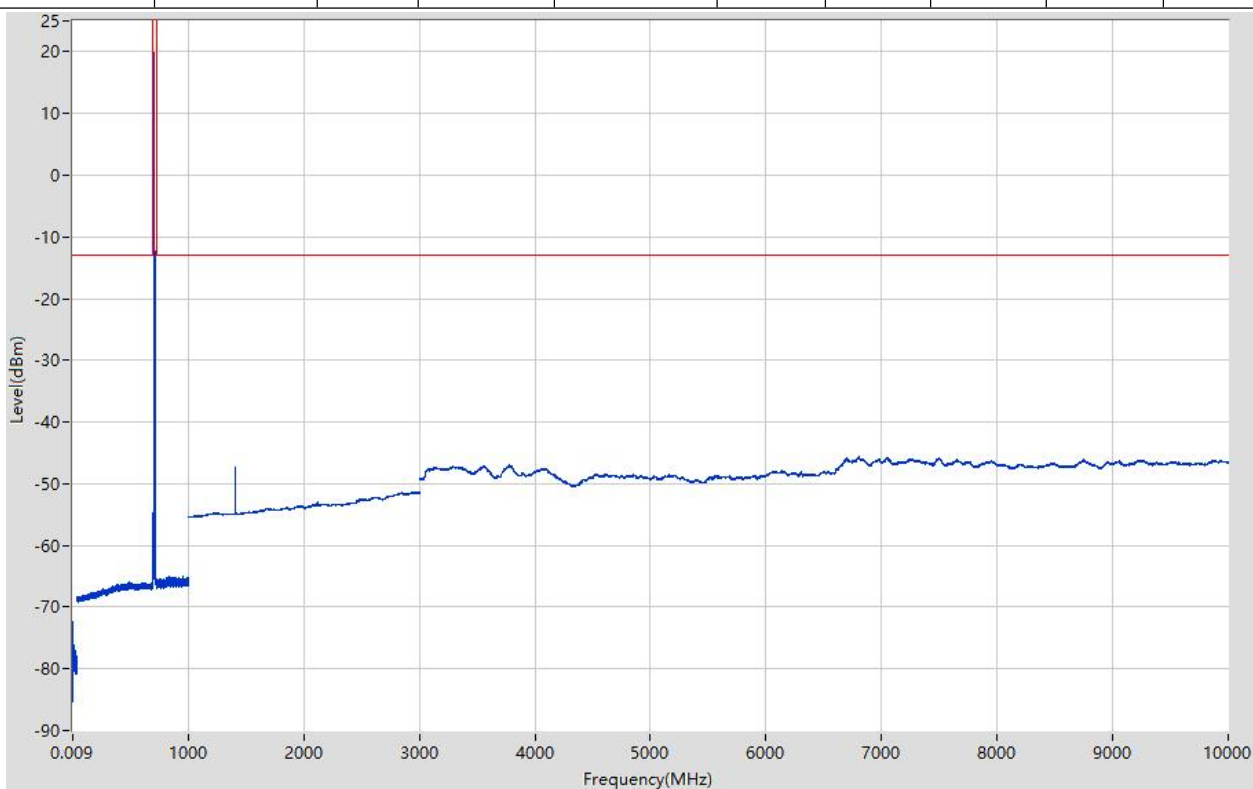
**1.8 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:8,
Channel:23780, Bandwidth:10, Modulation:16QAM, RB Number:1, RB
Position:0)(NTNV)**

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	-72.68	-13	59.68	Pass	401
0.15	30	0.01	RMS	0.16	-72.11	-13	59.11	Pass	2986
30	694	0.1	RMS	693.9	-65.62	-13	52.62	Pass	6641
694	726	0.1	RMS	704.56	18.73	60	41.27	Pass	401
726	1000	0.1	RMS	843.3	-65.01	-13	52.01	Pass	2741
1000	3000	1	RMS	1409	-50.07	-13	37.07	Pass	2001
3000	10000	1	RMS	6799	-45.57	-13	32.57	Pass	7001



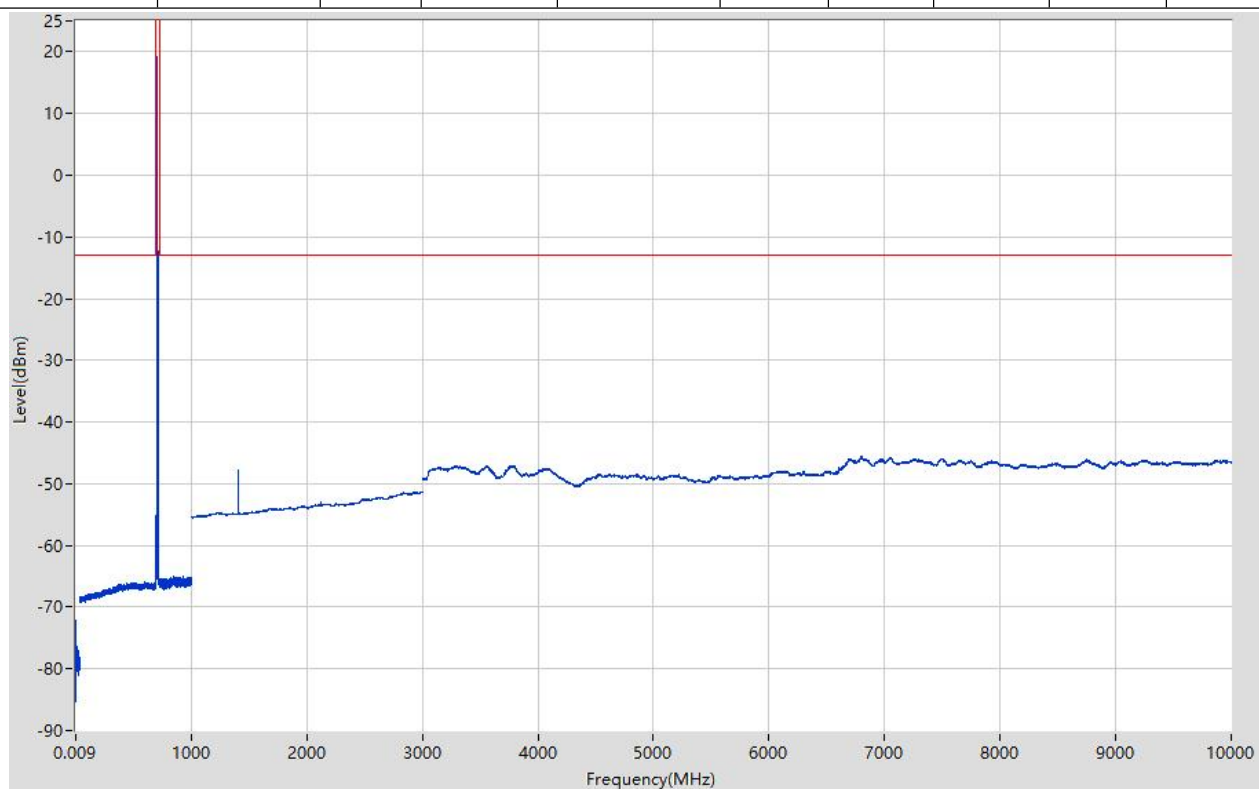
1.9 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

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	-72.45	-13	59.45	Pass	401
0.15	30	0.01	RMS	0.15	-72.98	-13	59.98	Pass	2986
30	694	0.1	RMS	493.9	-65.94	-13	52.94	Pass	6641
694	726	0.1	RMS	705.6	19.79	60	40.21	Pass	401
726	1000	0.1	RMS	833.4	-65.07	-13	52.07	Pass	2741
1000	3000	1	RMS	1411	-47.24	-13	34.24	Pass	2001
3000	10000	1	RMS	6800	-45.61	-13	32.61	Pass	7001



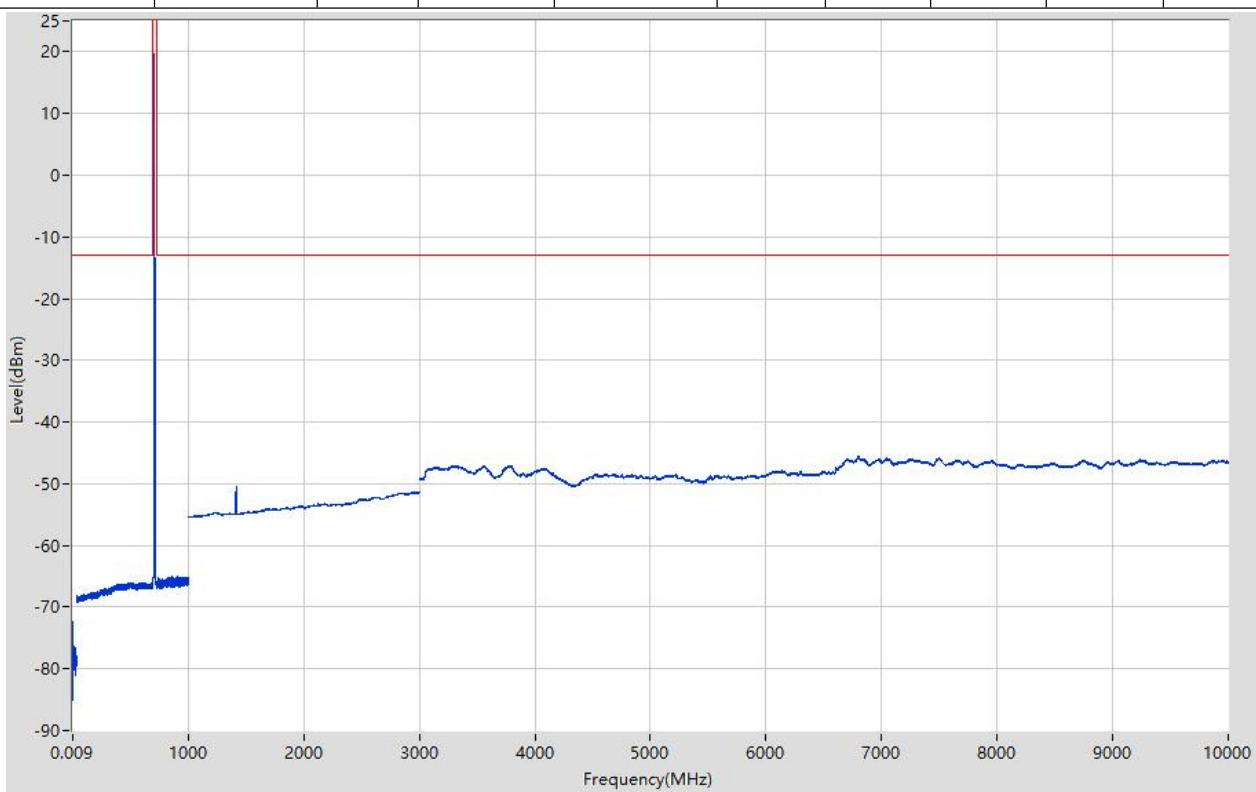
1.10 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:10, Channel:23790, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

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	-72.15	-13	59.15	Pass	401
0.15	30	0.01	RMS	0.19	-72.31	-13	59.31	Pass	2986
30	694	0.1	RMS	600.5	-65.95	-13	52.95	Pass	6641
694	726	0.1	RMS	705.6	19.16	60	40.84	Pass	401
726	1000	0.1	RMS	851.2	-65.05	-13	52.05	Pass	2741
1000	3000	1	RMS	1411	-47.78	-13	34.78	Pass	2001
3000	10000	1	RMS	6802	-45.58	-13	32.58	Pass	7001



1.11 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:11, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(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	-72.75	-13	59.75	Pass	401
0.15	30	0.01	RMS	0.15	-72.38	-13	59.38	Pass	2986
30	694	0.1	RMS	624.3	-66	-13	53	Pass	6641
694	726	0.1	RMS	706.56	19.55	60	40.45	Pass	401
726	1000	0.1	RMS	900.3	-64.97	-13	51.97	Pass	2741
1000	3000	1	RMS	1413	-50.51	-13	37.51	Pass	2001
3000	10000	1	RMS	6800	-45.56	-13	32.56	Pass	7001



1.12 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:12, Channel:23800, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(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	-72.04	-13	59.04	Pass	401
0.15	30	0.01	RMS	0.16	-71.95	-13	58.95	Pass	2986
30	694	0.1	RMS	489.8	-65.93	-13	52.93	Pass	6641
694	726	0.1	RMS	706.56	18.5	60	41.5	Pass	401
726	1000	0.1	RMS	886.8	-65.07	-13	52.07	Pass	2741
1000	3000	1	RMS	1413	-51.26	-13	38.26	Pass	2001
3000	10000	1	RMS	6800	-45.64	-13	32.64	Pass	7001

