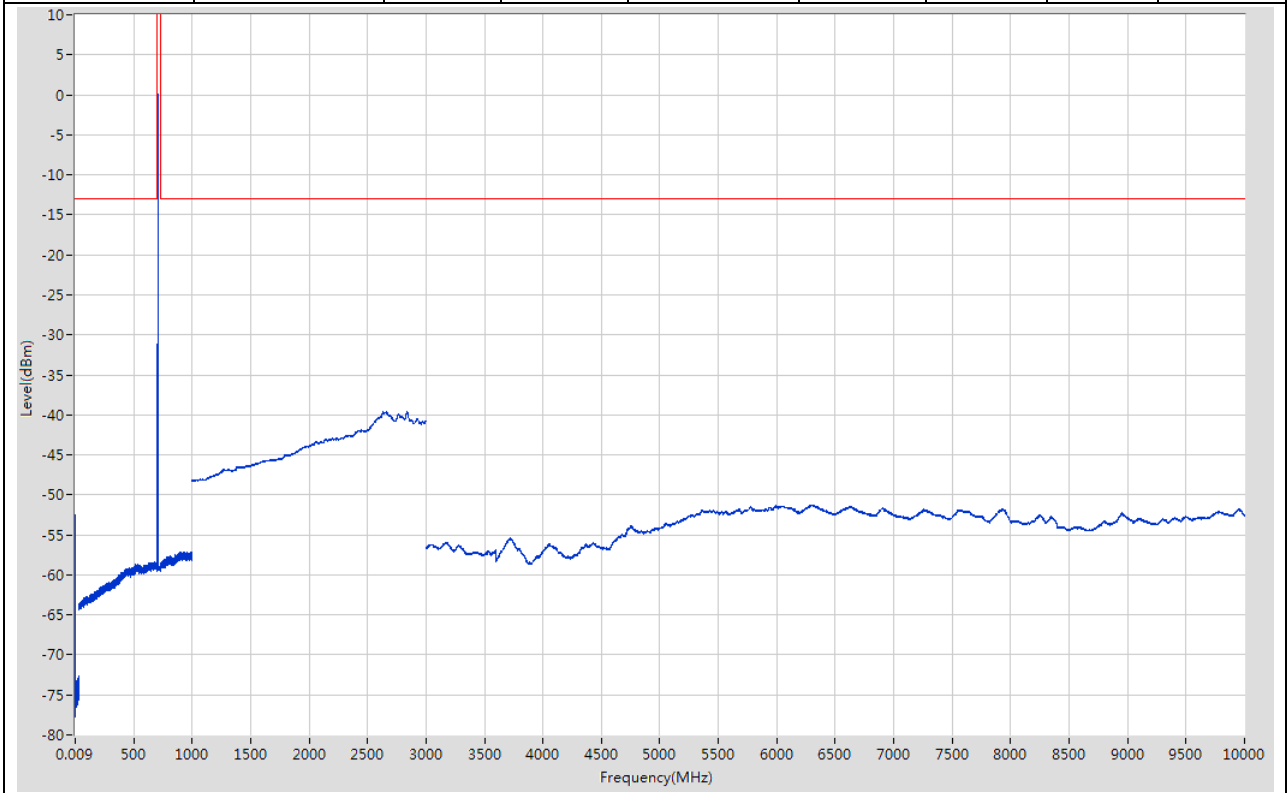


# Annex C. LTE Transmitter Spurious Emissions

# 1. LTE\_Band17

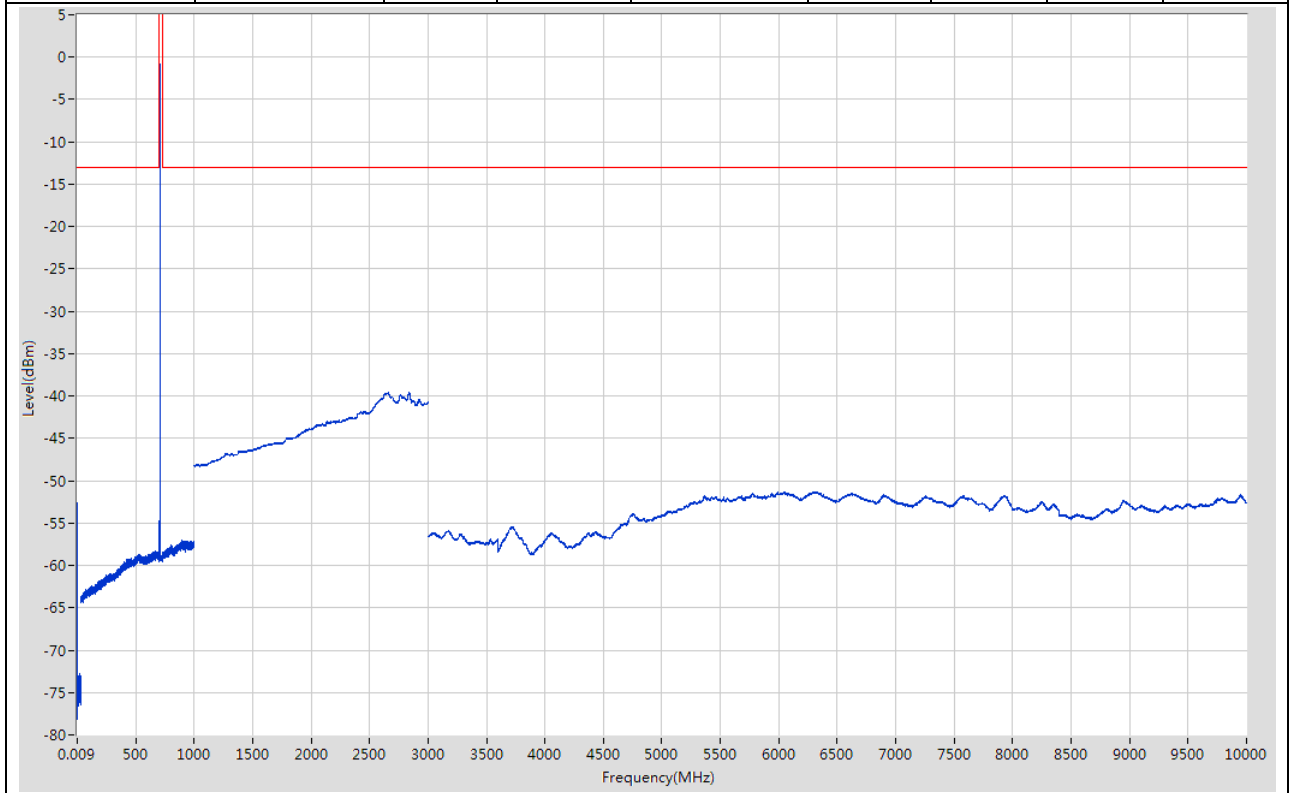
## 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.39	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.51	-13	Pass	2985
30	695	0.1	RMS	694	-58.31	-13	Pass	6650
695	725	0.1	RMS	704.35	0.1	60	Pass	601
725	1000	0.1	RMS	895.762	-57.1	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.53	-13	Pass	2000
3000	10000	1	RMS	6315.474	-51.25	-13	Pass	7000



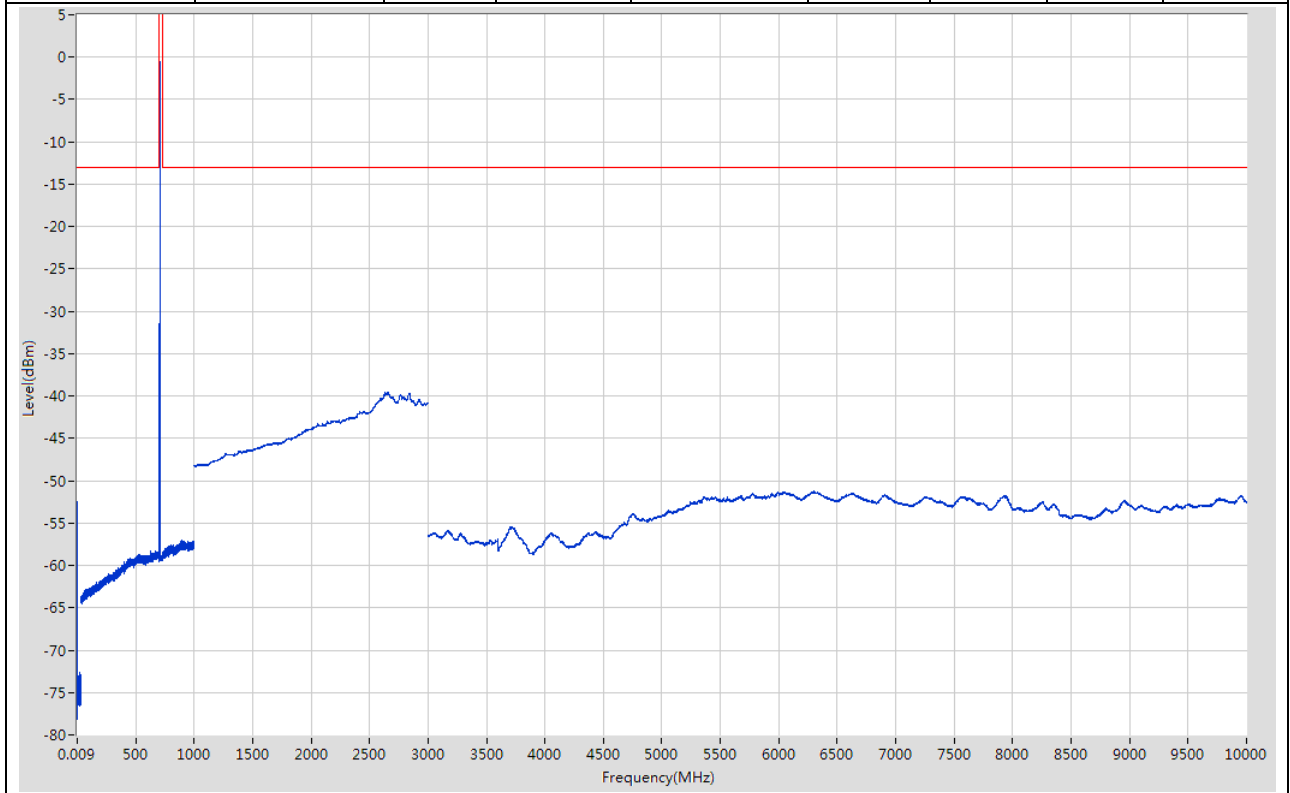
**1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.4	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.67	-13	Pass	2985
30	695	0.1	RMS	664.695	-58.25	-13	Pass	6650
695	725	0.1	RMS	708.65	-0.84	60	Pass	601
725	1000	0.1	RMS	898.463	-57.03	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.56	-13	Pass	2000
3000	10000	1	RMS	6298.471	-51.28	-13	Pass	7000



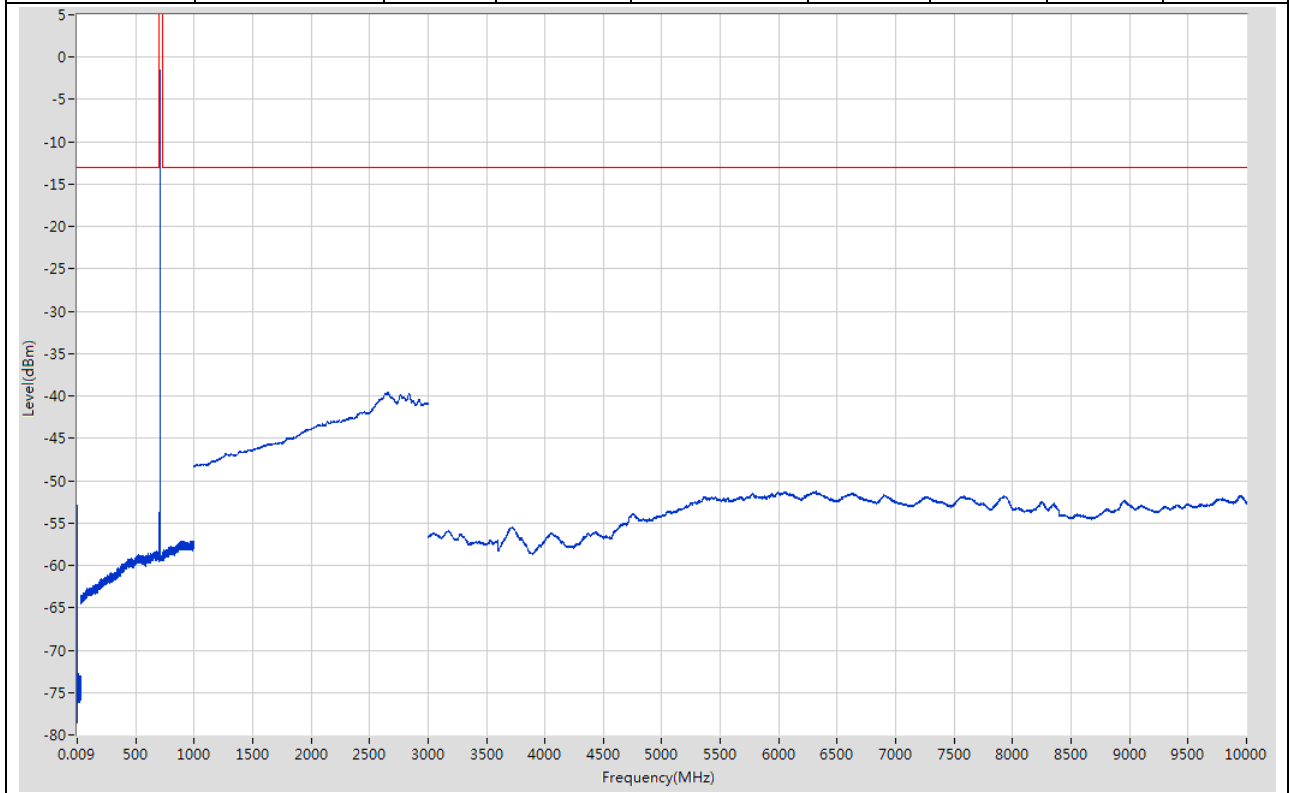
**1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.36	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.52	-13	Pass	2985
30	695	0.1	RMS	628.99	-58.3	-13	Pass	6650
695	725	0.1	RMS	704.35	-0.58	60	Pass	601
725	1000	0.1	RMS	898.863	-57.01	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.55	-13	Pass	2000
3000	10000	1	RMS	6296.471	-51.26	-13	Pass	7000



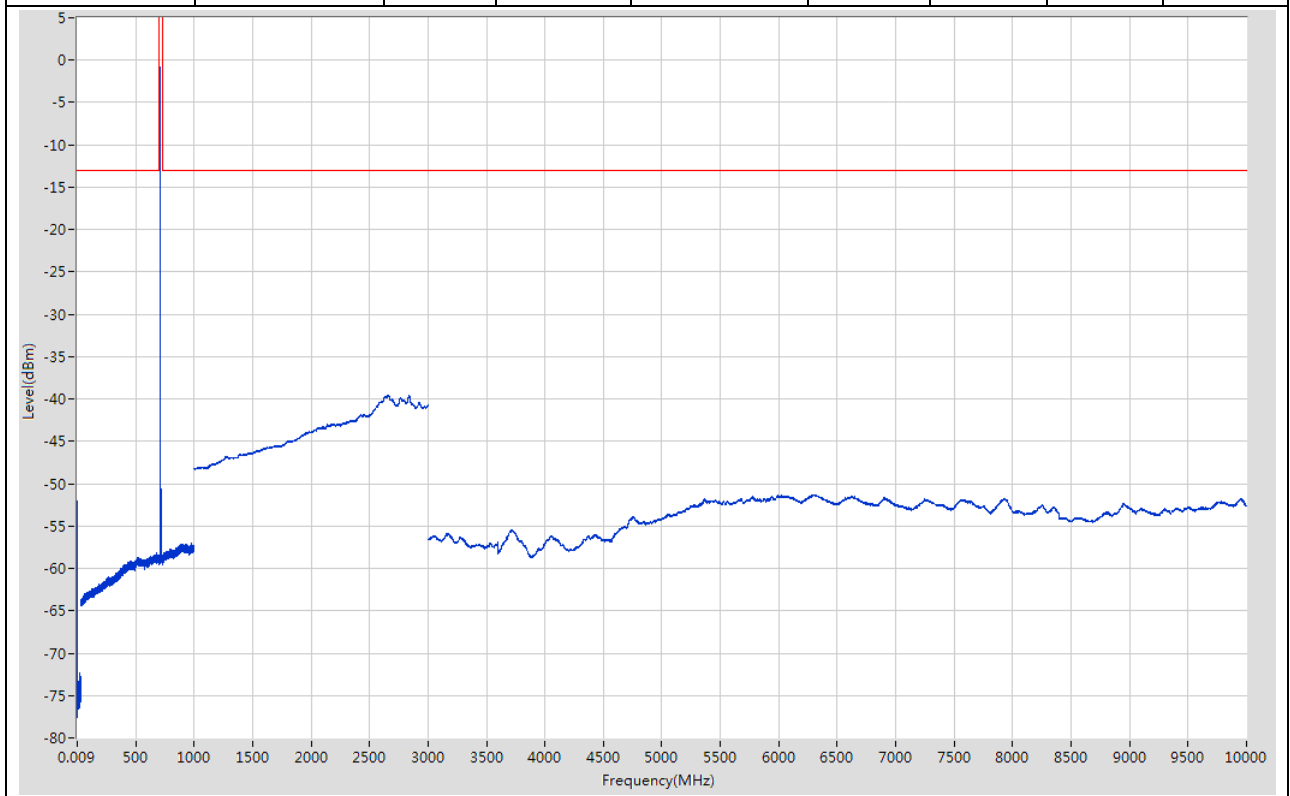
**1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.79	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.85	-13	Pass	2985
30	695	0.1	RMS	679.898	-58.22	-13	Pass	6650
695	725	0.1	RMS	708.65	-1.59	60	Pass	601
725	1000	0.1	RMS	966.488	-57.11	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.51	-13	Pass	2000
3000	10000	1	RMS	6323.475	-51.25	-13	Pass	7000



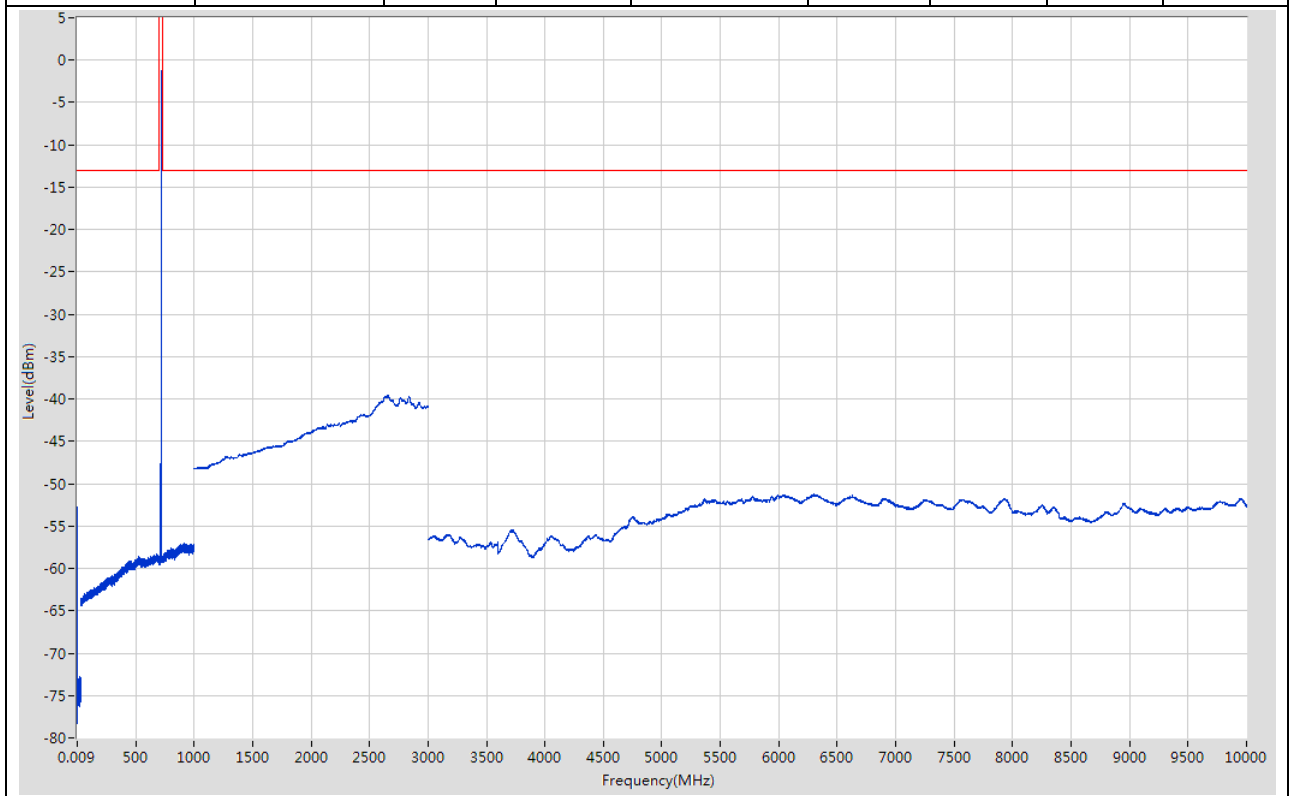
**1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.41	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.01	-13	Pass	2985
30	695	0.1	RMS	679.498	-58.15	-13	Pass	6650
695	725	0.1	RMS	711.35	-0.77	60	Pass	601
725	1000	0.1	RMS	976.291	-57.06	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.52	-13	Pass	2000
3000	10000	1	RMS	6309.473	-51.27	-13	Pass	7000



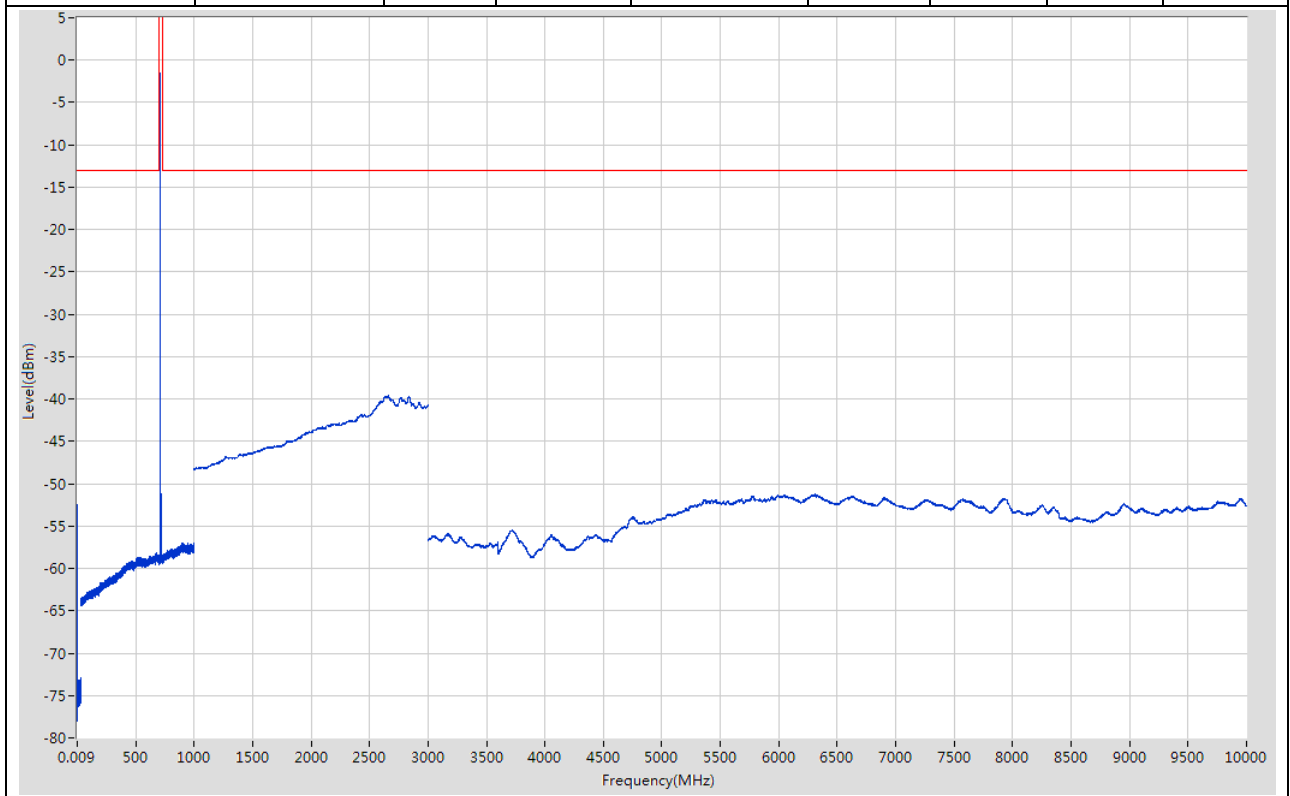
**1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.8	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.08	-13	Pass	2985
30	695	0.1	RMS	681.298	-58.36	-13	Pass	6650
695	725	0.1	RMS	715.65	-1.26	60	Pass	601
725	1000	0.1	RMS	910.267	-57.08	-13	Pass	2750
1000	3000	1	RMS	2661.831	-39.54	-13	Pass	2000
3000	10000	1	RMS	6299.471	-51.25	-13	Pass	7000



**1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)**

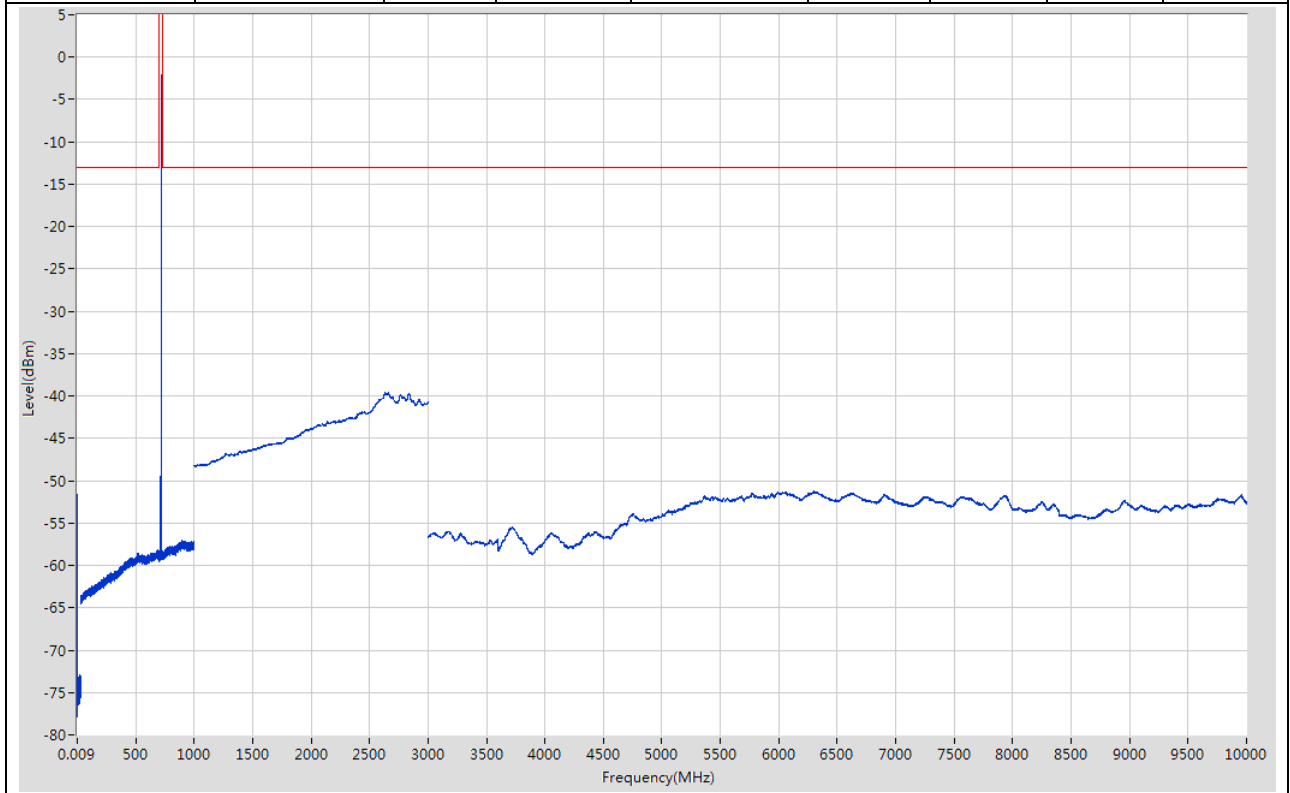
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.41	-13	Pass	2985
30	695	0.1	RMS	681.498	-58.11	-13	Pass	6650
695	725	0.1	RMS	711.35	-1.49	60	Pass	601
725	1000	0.1	RMS	897.963	-57.03	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.58	-13	Pass	2000
3000	10000	1	RMS	6313.473	-51.23	-13	Pass	7000





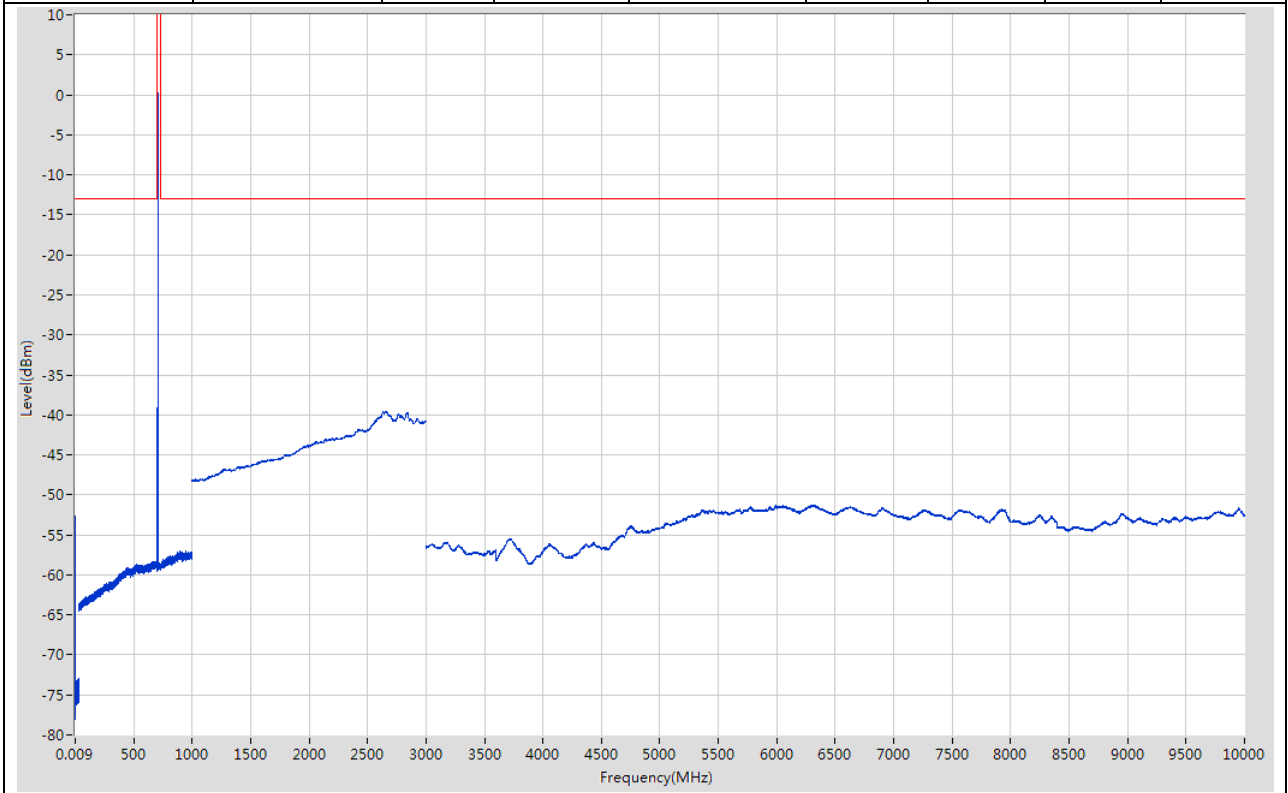
**1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.15	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.6	-13	Pass	2985
30	695	0.1	RMS	693.4	-58.2	-13	Pass	6650
695	725	0.1	RMS	715.65	-2.03	60	Pass	601
725	1000	0.1	RMS	892.261	-57.03	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.5	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51.23	-13	Pass	7000



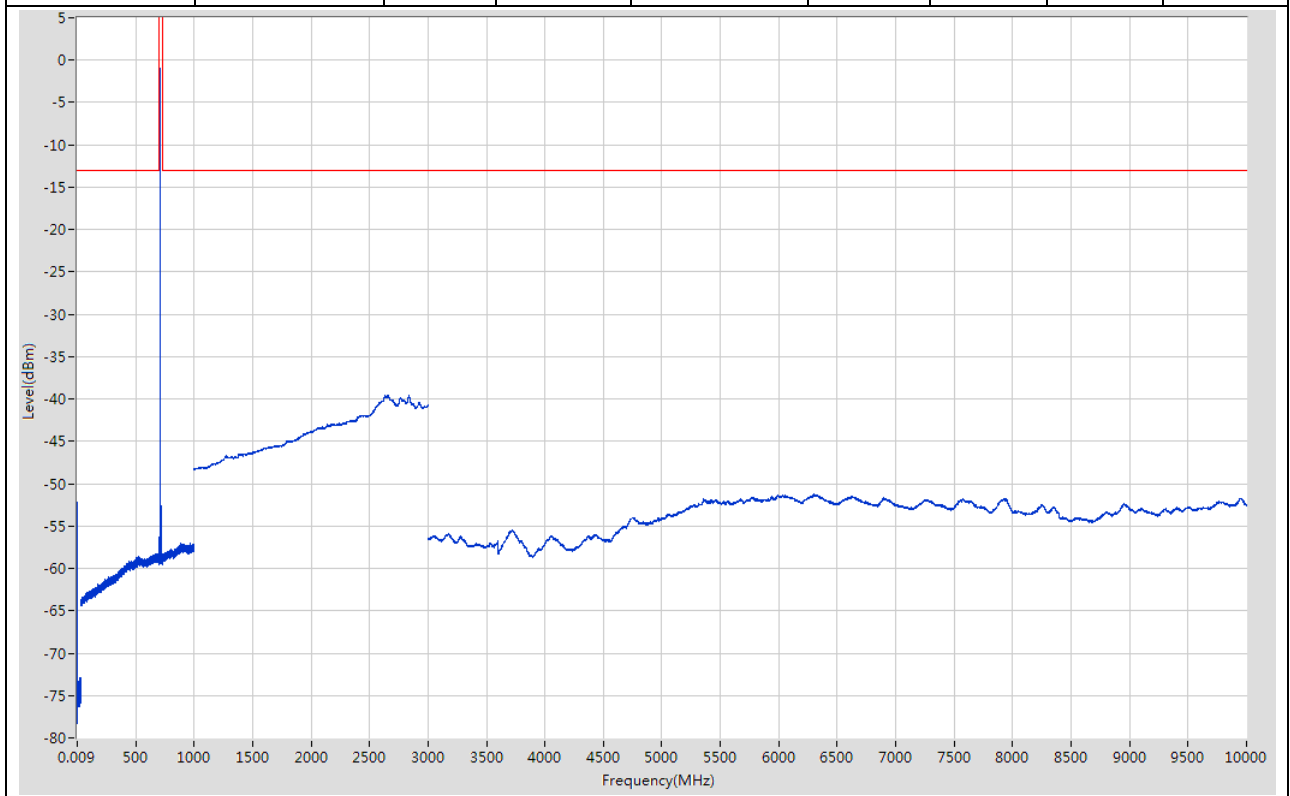
**1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.79	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.67	-13	Pass	2985
30	695	0.1	RMS	693.4	-58.35	-13	Pass	6650
695	725	0.1	RMS	704.6	0.19	60	Pass	601
725	1000	0.1	RMS	947.881	-57.04	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.52	-13	Pass	2000
3000	10000	1	RMS	6302.472	-51.28	-13	Pass	7000



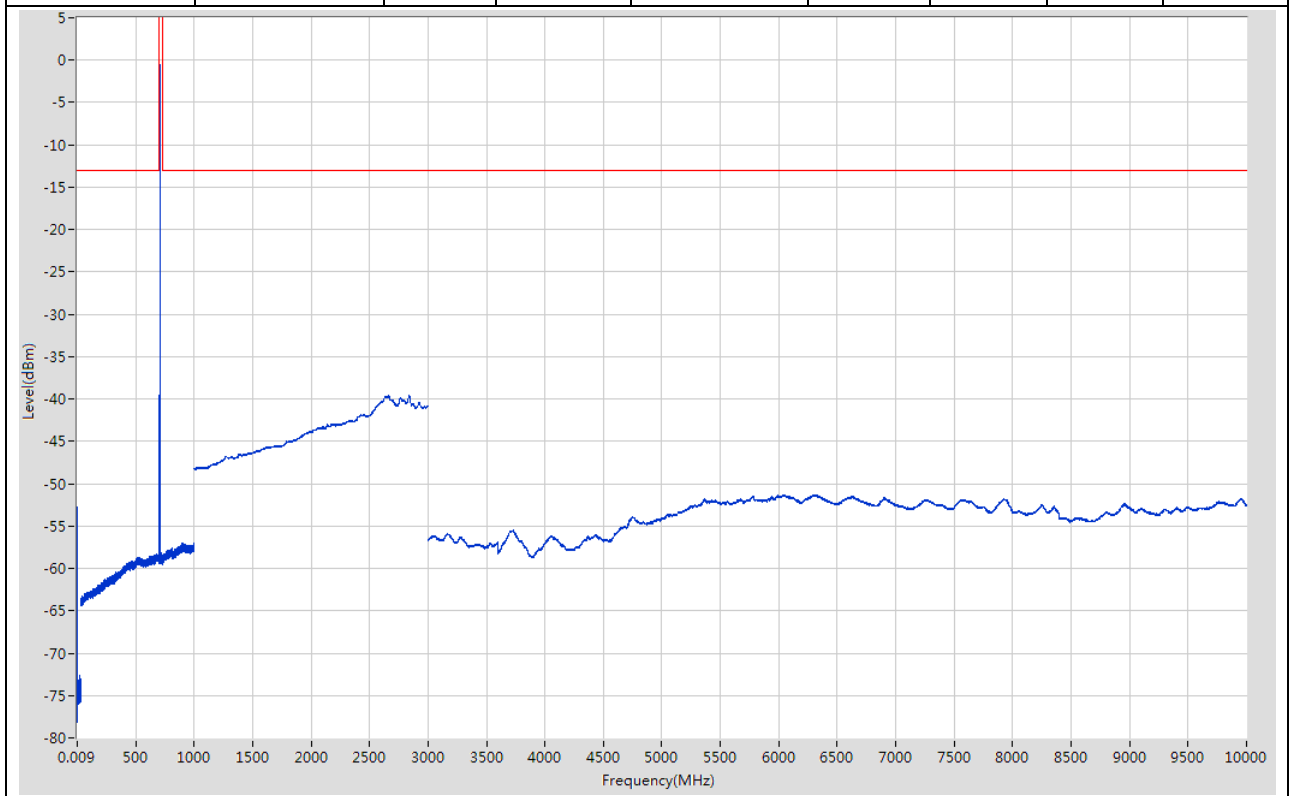
**1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.46	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.21	-13	Pass	2985
30	695	0.1	RMS	680.998	-58.25	-13	Pass	6650
695	725	0.1	RMS	713.4	-0.95	60	Pass	601
725	1000	0.1	RMS	888.96	-57.05	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.55	-13	Pass	2000
3000	10000	1	RMS	6303.472	-51.24	-13	Pass	7000



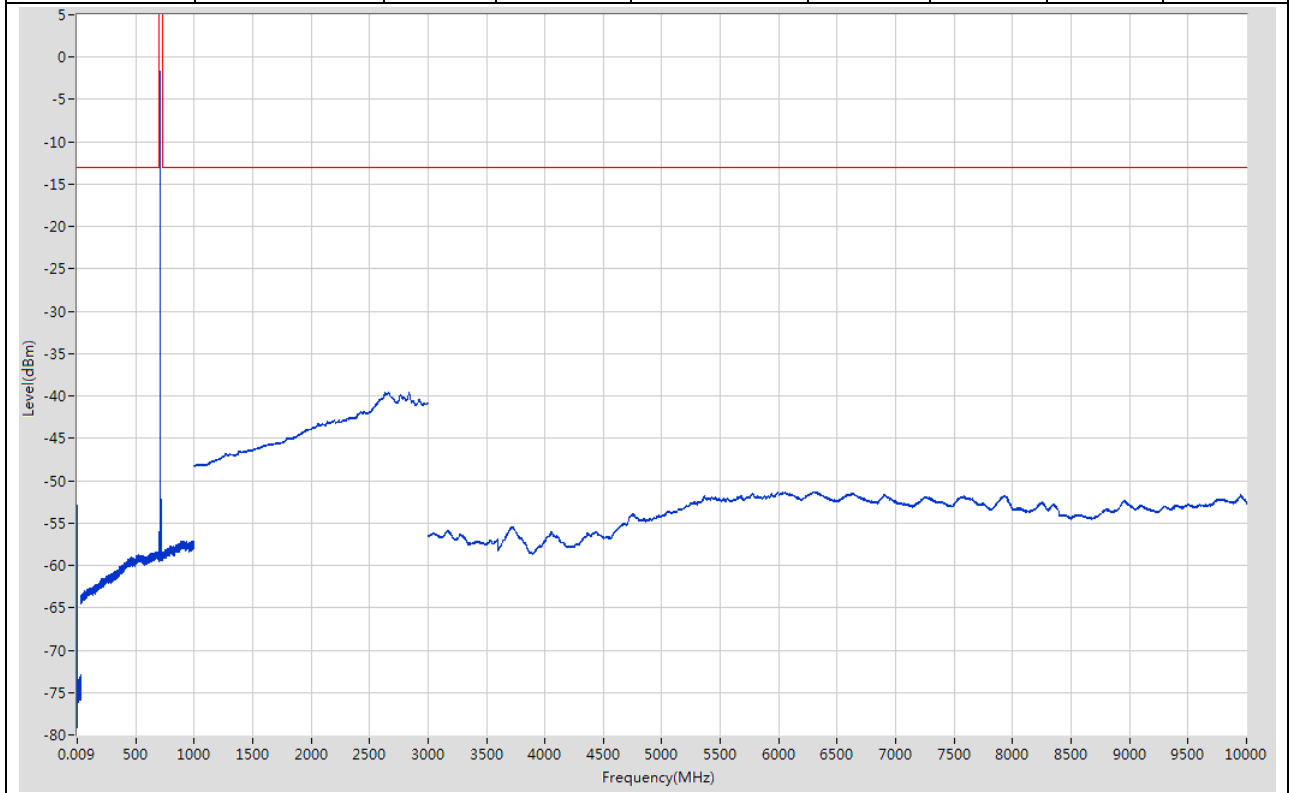
**1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.6	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.81	-13	Pass	2985
30	695	0.1	RMS	674.397	-58.36	-13	Pass	6650
695	725	0.1	RMS	704.6	-0.58	60	Pass	601
725	1000	0.1	RMS	907.166	-56.98	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.54	-13	Pass	2000
3000	10000	1	RMS	6308.473	-51.28	-13	Pass	7000



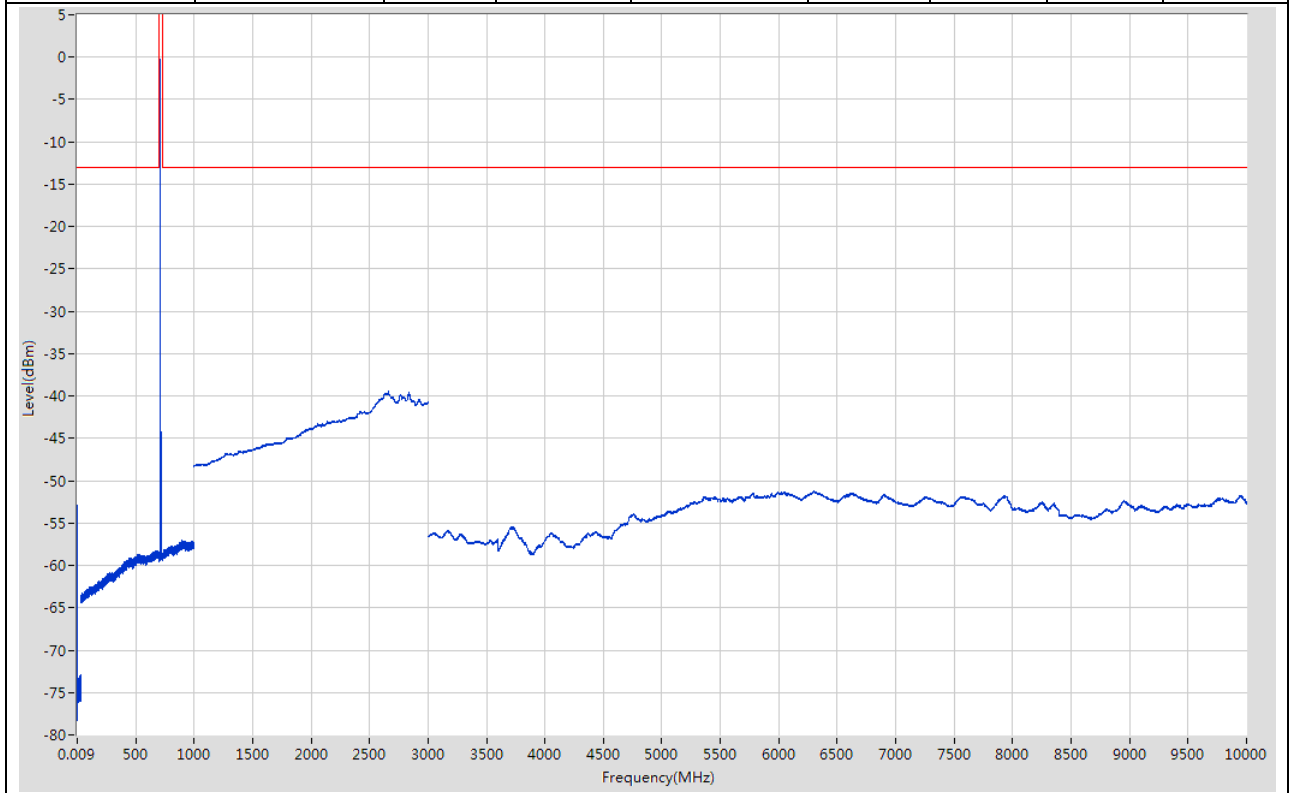
**1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.37	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.87	-13	Pass	2985
30	695	0.1	RMS	693.6	-58.36	-13	Pass	6650
695	725	0.1	RMS	713.4	-1.71	60	Pass	601
725	1000	0.1	RMS	915.369	-57.13	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.58	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51.29	-13	Pass	7000



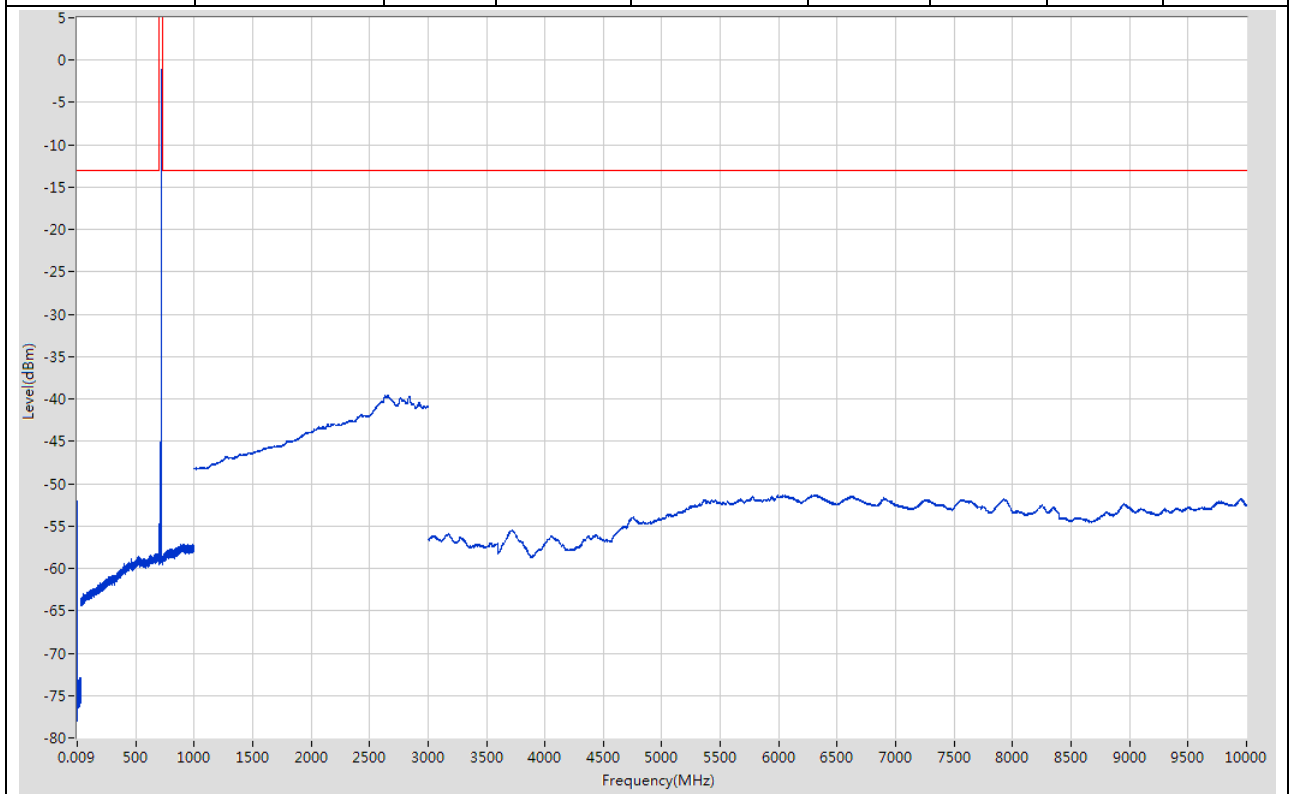
**1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.86	-13	Pass	2985
30	695	0.1	RMS	666.996	-58.25	-13	Pass	6650
695	725	0.1	RMS	706.6	-0.32	60	Pass	601
725	1000	0.1	RMS	898.463	-57.05	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.48	-13	Pass	2000
3000	10000	1	RMS	6300.471	-51.21	-13	Pass	7000



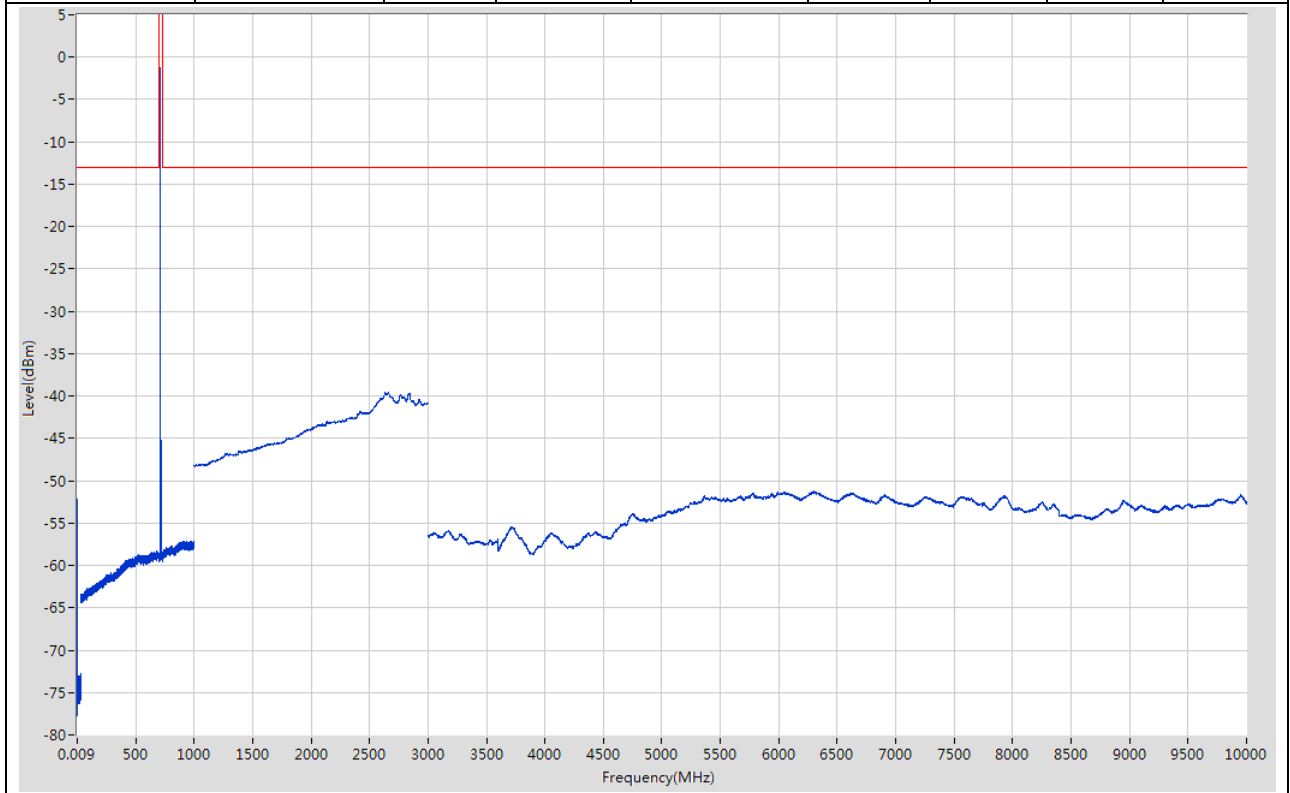
**1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.2	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.98	-13	Pass	2985
30	695	0.1	RMS	687.199	-58.29	-13	Pass	6650
695	725	0.1	RMS	715.4	-1.14	60	Pass	601
725	1000	0.1	RMS	888.359	-57.14	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.56	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51.29	-13	Pass	7000



**1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)**

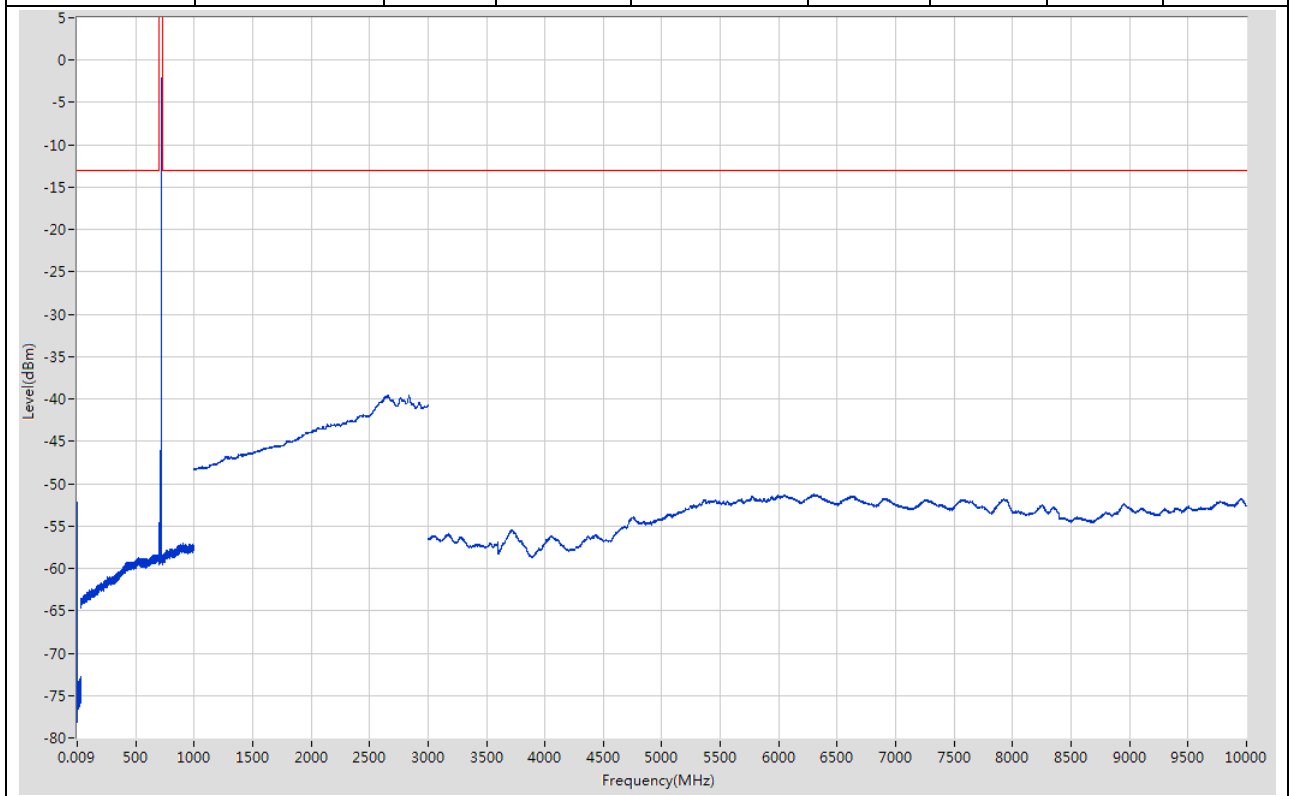
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.84	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.13	-13	Pass	2985
30	695	0.1	RMS	680.198	-58.26	-13	Pass	6650
695	725	0.1	RMS	706.6	-1.29	60	Pass	601
725	1000	0.1	RMS	907.466	-57.13	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.52	-13	Pass	2000
3000	10000	1	RMS	6304.472	-51.25	-13	Pass	7000





**1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.16	-13	Pass	2985
30	695	0.1	RMS	674.997	-58.37	-13	Pass	6650
695	725	0.1	RMS	715.4	-2.08	60	Pass	601
725	1000	0.1	RMS	900.864	-56.97	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.55	-13	Pass	2000
3000	10000	1	RMS	6302.472	-51.26	-13	Pass	7000



END