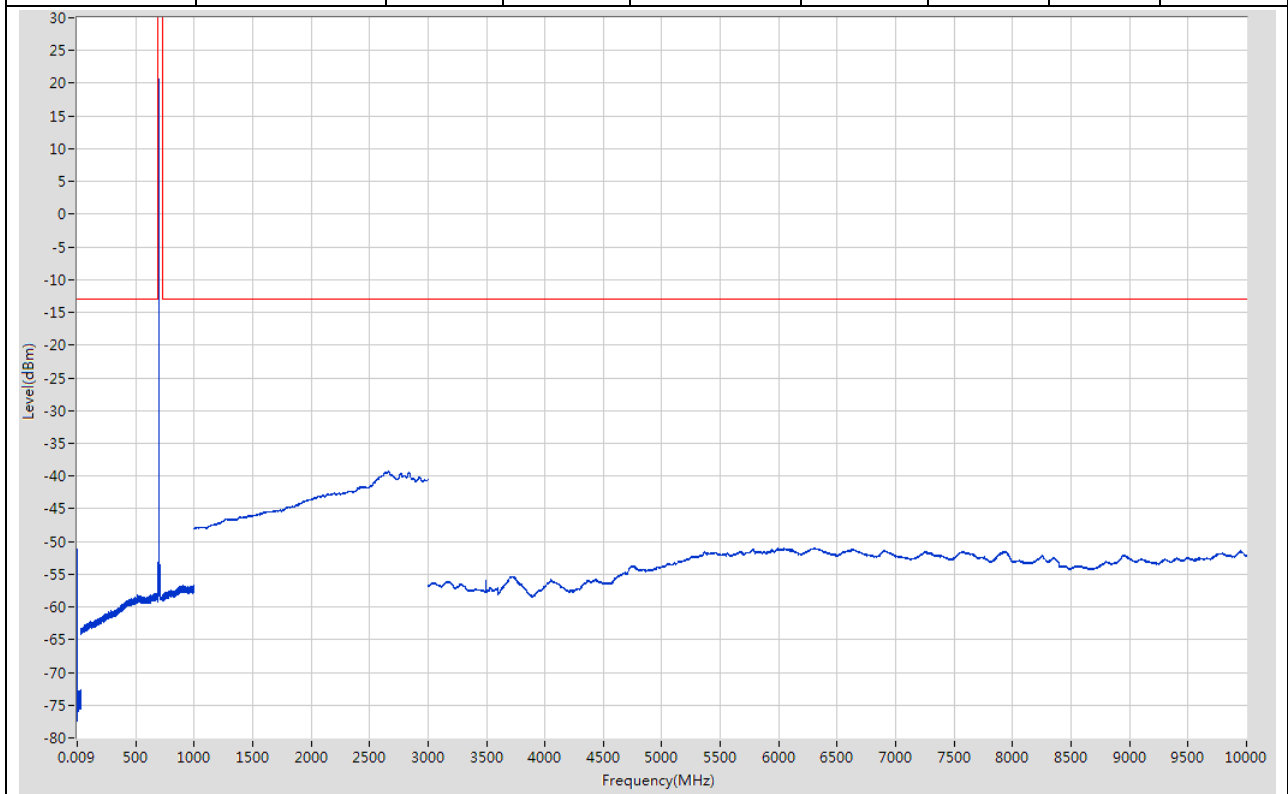# Annex C. LTE Transmitter Spurious Emissions
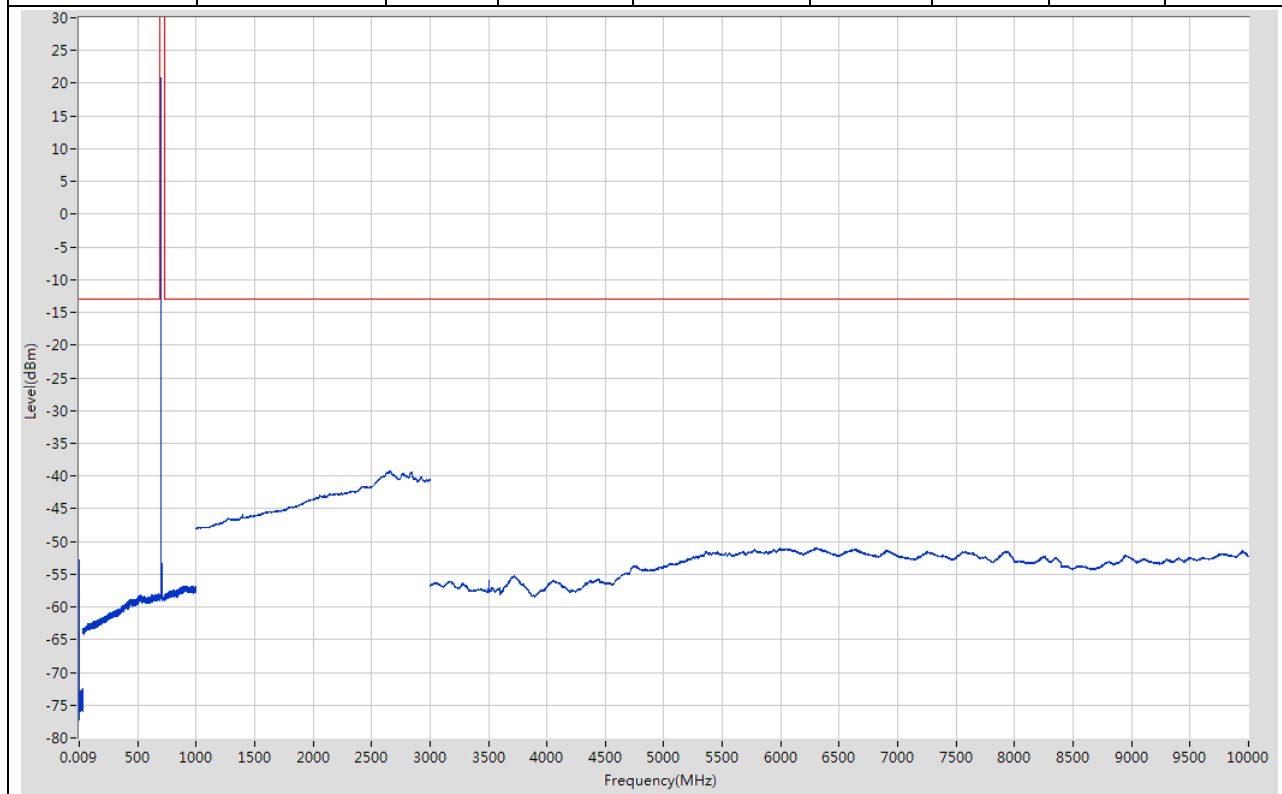
1. LTE_Band12

1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:23017, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

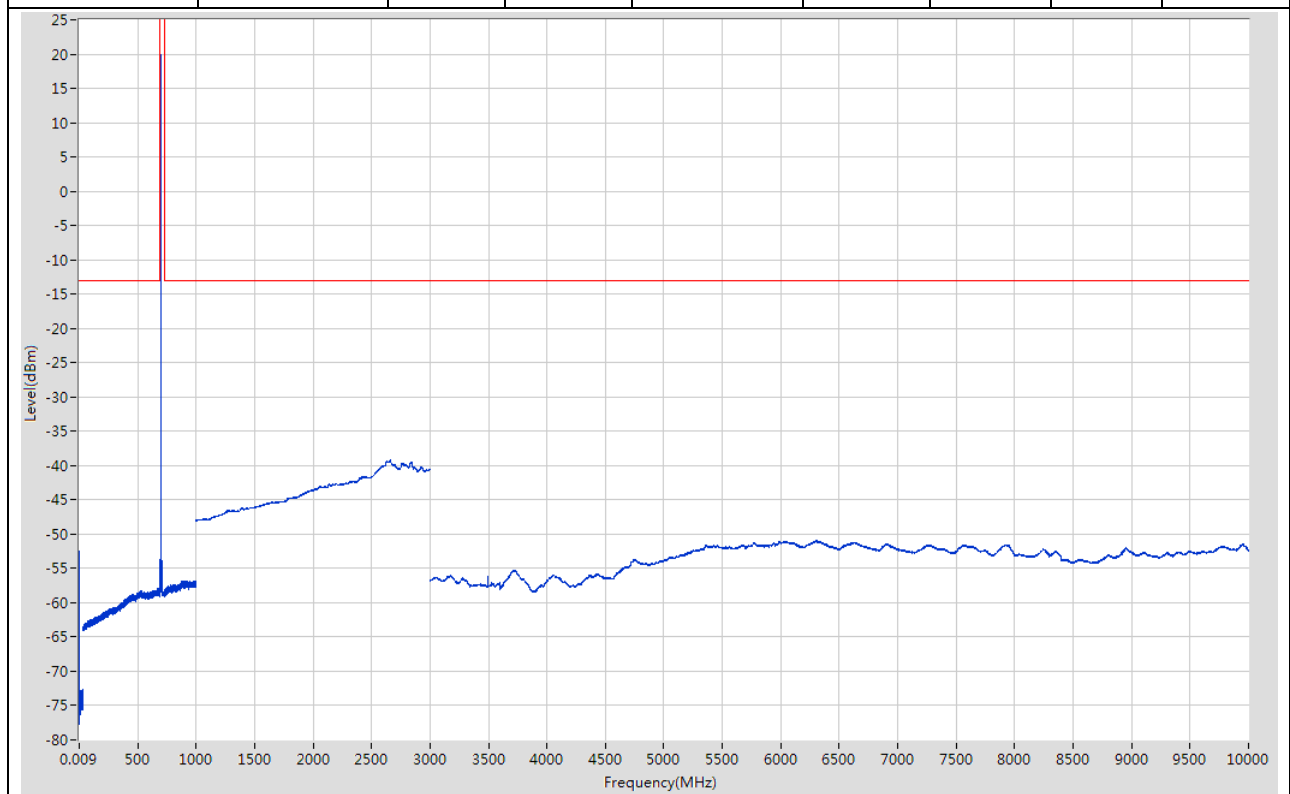| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.03	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.17	-13	Pass	2985
30	690	0.1	RMS	683.099	-57.95	-13	Pass	6600
690	725	0.1	RMS	699.275	20.72	60	Pass	601
725	1000	0.1	RMS	994.698	-56.61	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.25	-13	Pass	2000
3000	10000	1	RMS	6303.472	-50.94	-13	Pass	7000

1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:23017, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

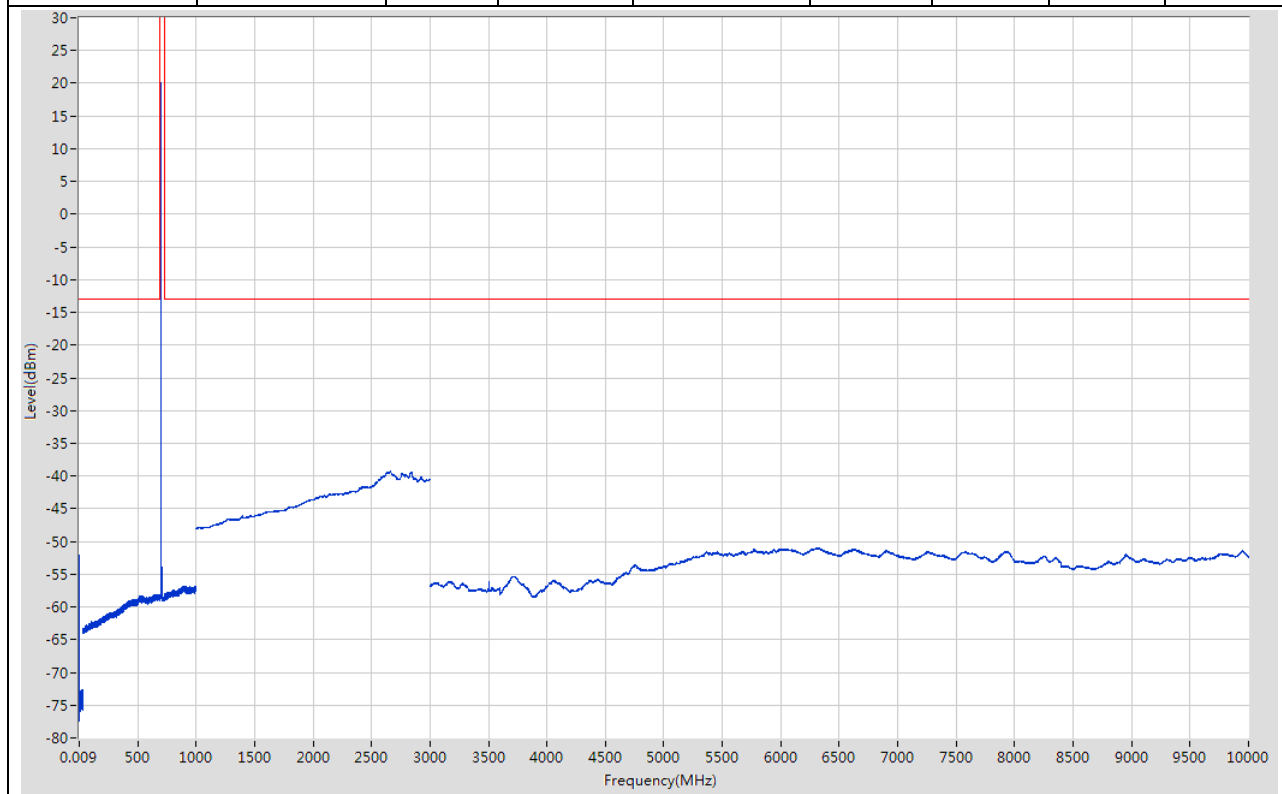| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.77	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.84	-13	Pass	2985
30	690	0.1	RMS	683.099	-57.92	-13	Pass	6600
690	725	0.1	RMS	700.15	20.87	60	Pass	601
725	1000	0.1	RMS	896.762	-56.81	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.26	-13	Pass	2000
3000	10000	1	RMS	6306.472	-50.97	-13	Pass	7000

1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:23017, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

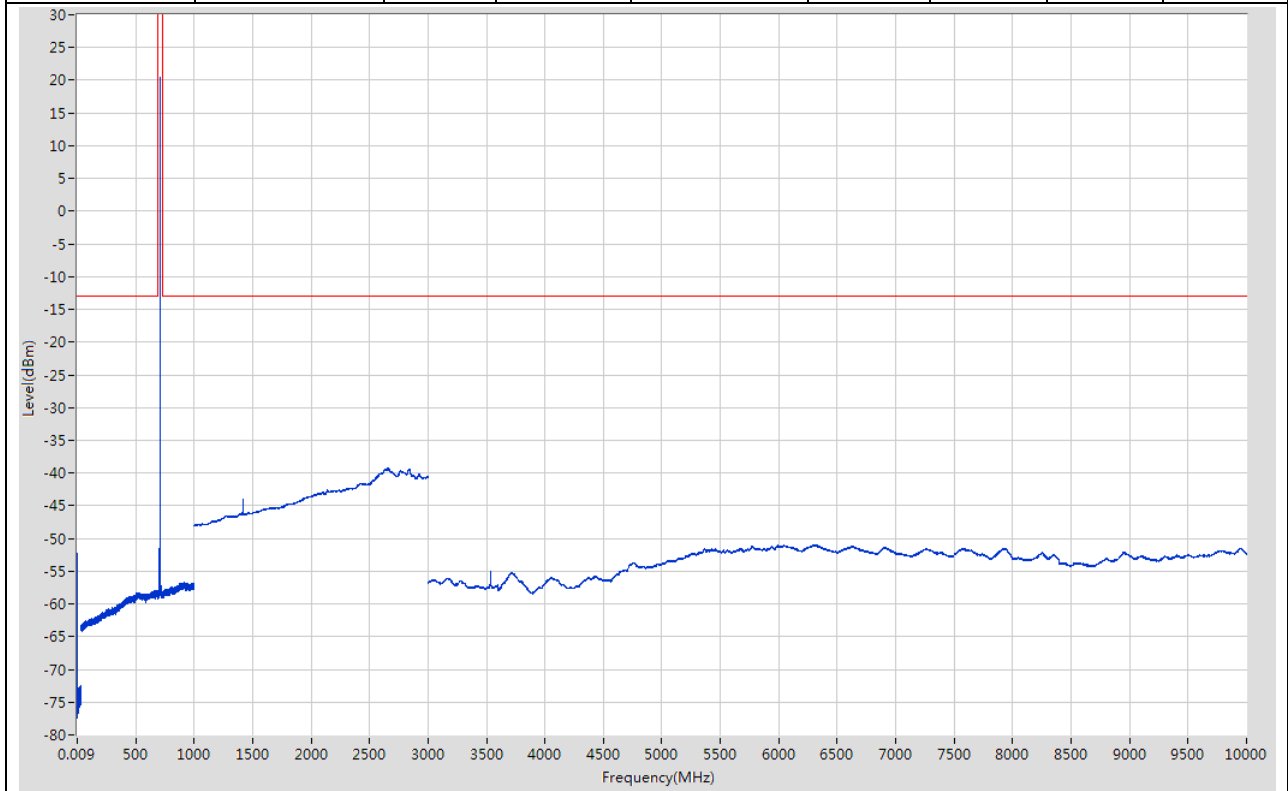| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.03	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.44	-13	Pass	2985
30	690	0.1	RMS	680.799	-57.96	-13	Pass	6600
690	725	0.1	RMS	699.275	19.95	60	Pass	601
725	1000	0.1	RMS	992.097	-56.77	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.24	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.97	-13	Pass	7000

1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:23017, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

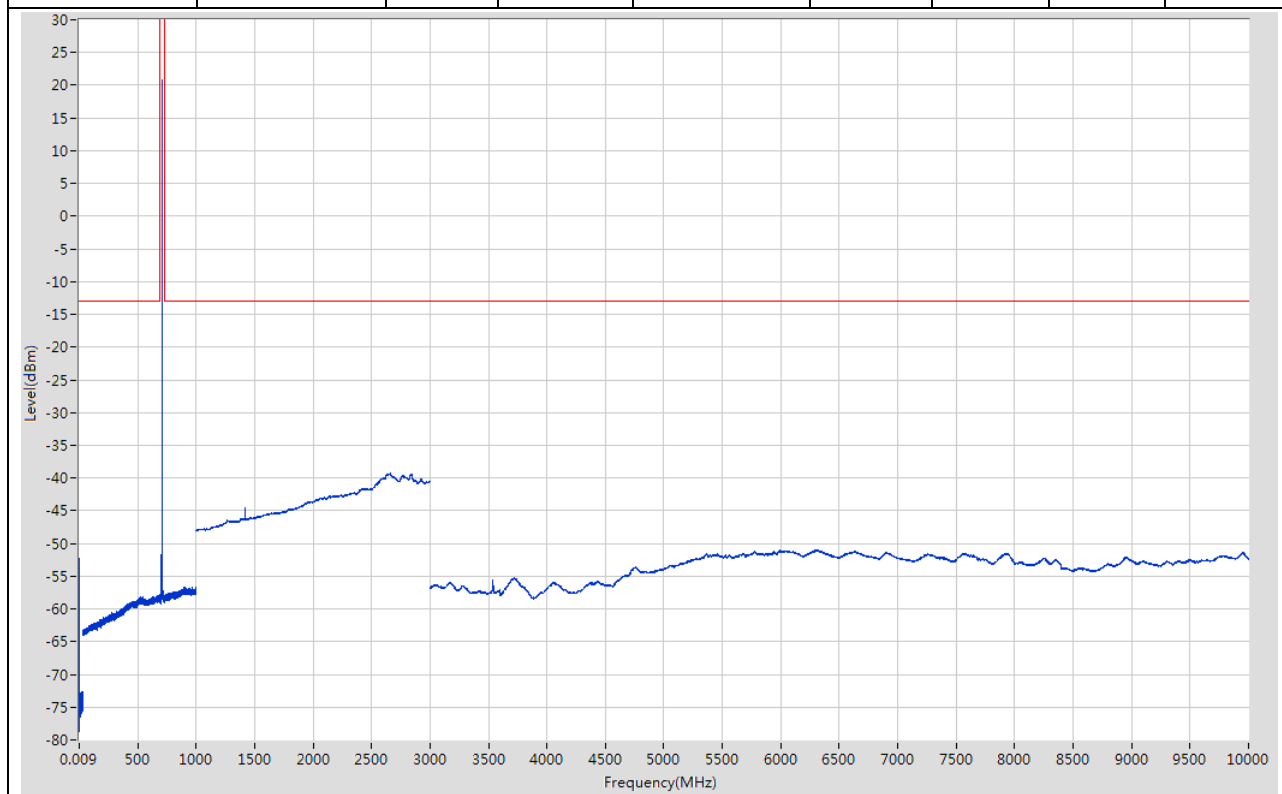| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.98	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.06	-13	Pass	2985
30	690	0.1	RMS	671.297	-58.07	-13	Pass	6600
690	725	0.1	RMS	700.15	20.08	60	Pass	601
725	1000	0.1	RMS	887.859	-56.78	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.26	-13	Pass	2000
3000	10000	1	RMS	6299.471	-50.96	-13	Pass	7000

1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:23095, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

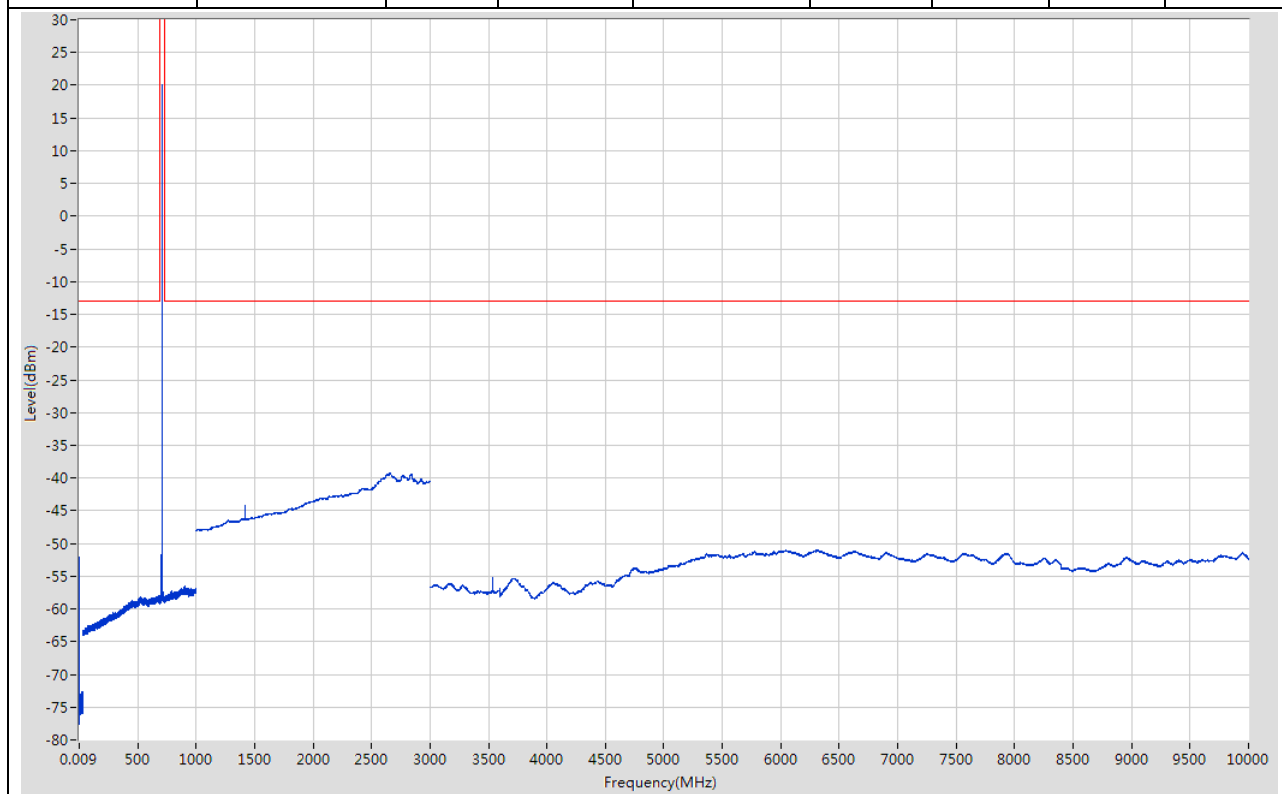| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.17	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.19	-13	Pass	2985
30	690	0.1	RMS	682.999	-57.87	-13	Pass	6600
690	725	0.1	RMS	707.033	20.52	60	Pass	601
725	1000	0.1	RMS	910.968	-56.76	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.27	-13	Pass	2000
3000	10000	1	RMS	6298.471	-50.92	-13	Pass	7000

1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:23095, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

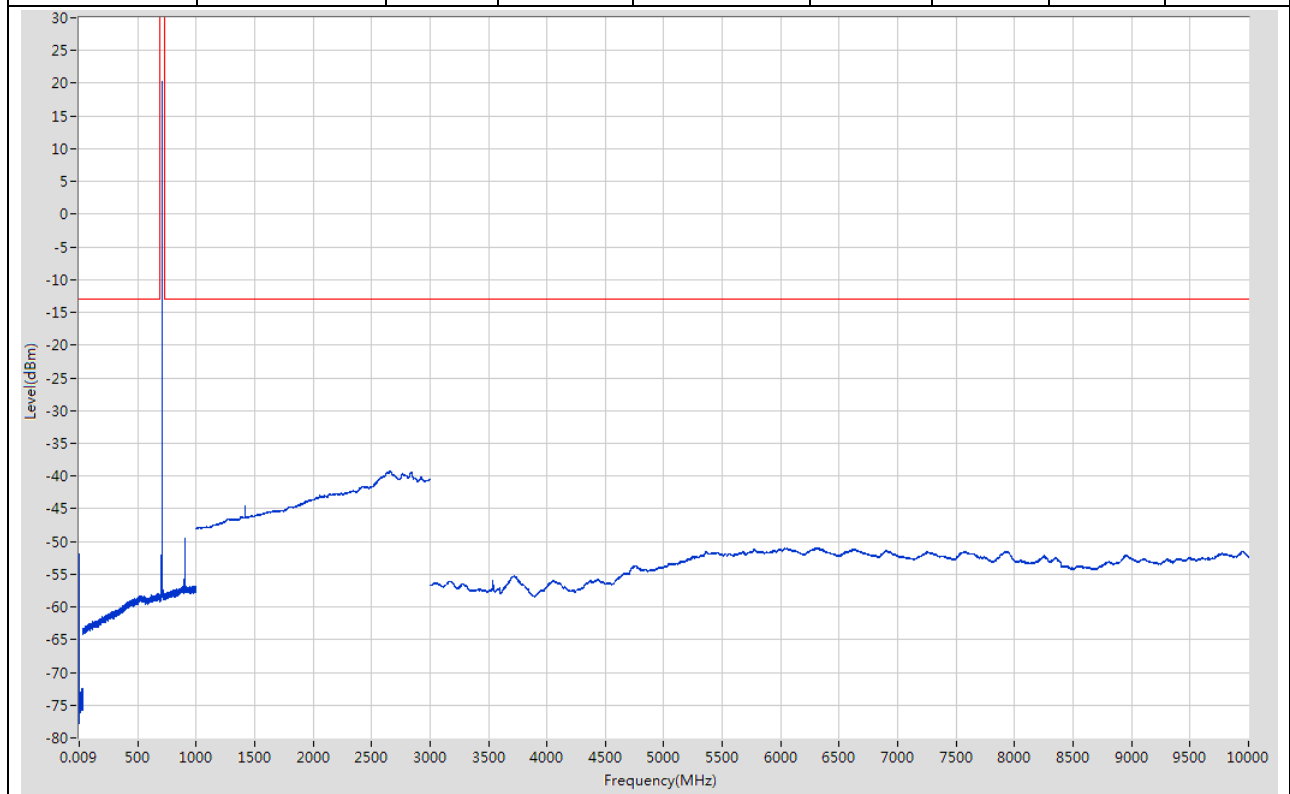| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.27	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.23	-13	Pass	2985
30	690	0.1	RMS	686.8	-57.77	-13	Pass	6600
690	725	0.1	RMS	707.967	20.76	60	Pass	601
725	1000	0.1	RMS	966.688	-56.73	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.23	-13	Pass	2000
3000	10000	1	RMS	6299.471	-50.95	-13	Pass	7000

1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:23095, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

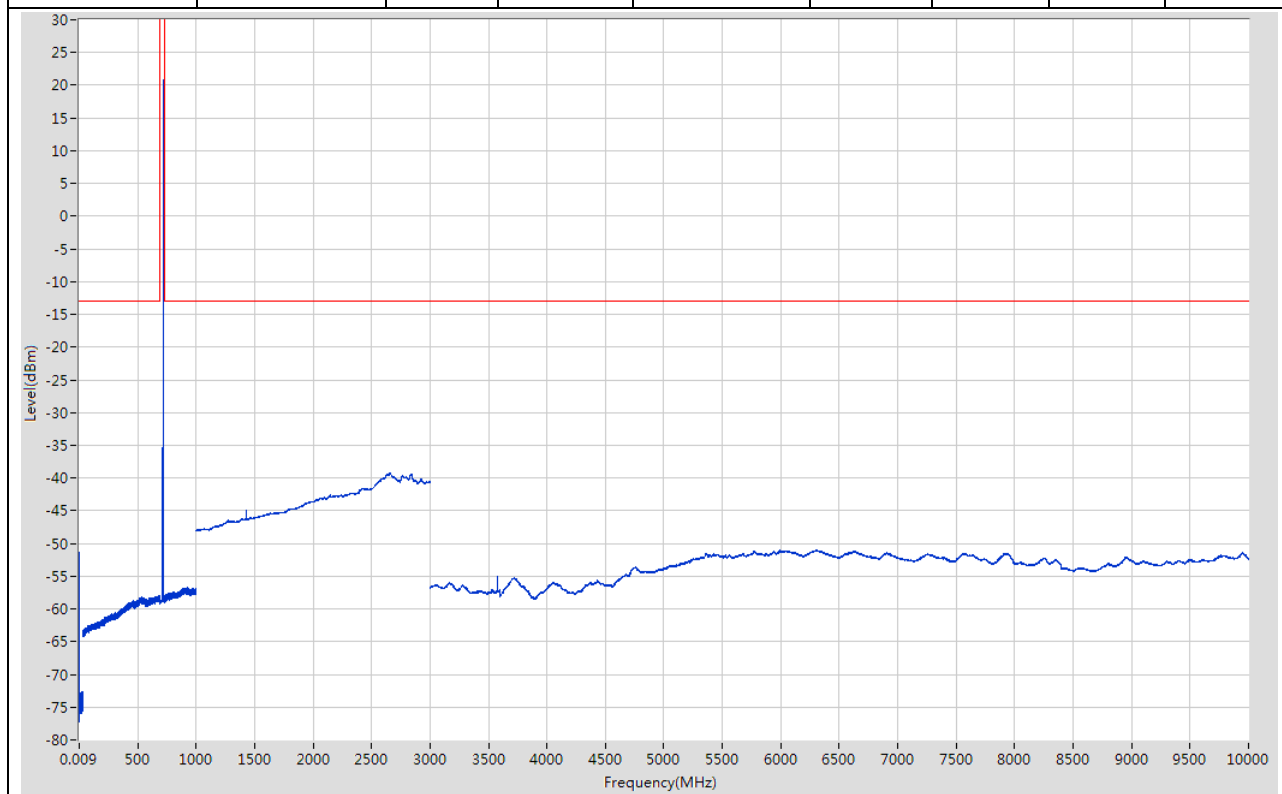| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.79	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.17	-13	Pass	2985
30	690	0.1	RMS	685.899	-58	-13	Pass	6600
690	725	0.1	RMS	707.033	20.17	60	Pass	601
725	1000	0.1	RMS	900.164	-56.56	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.27	-13	Pass	2000
3000	10000	1	RMS	6309.473	-51.02	-13	Pass	7000

1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:23095, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

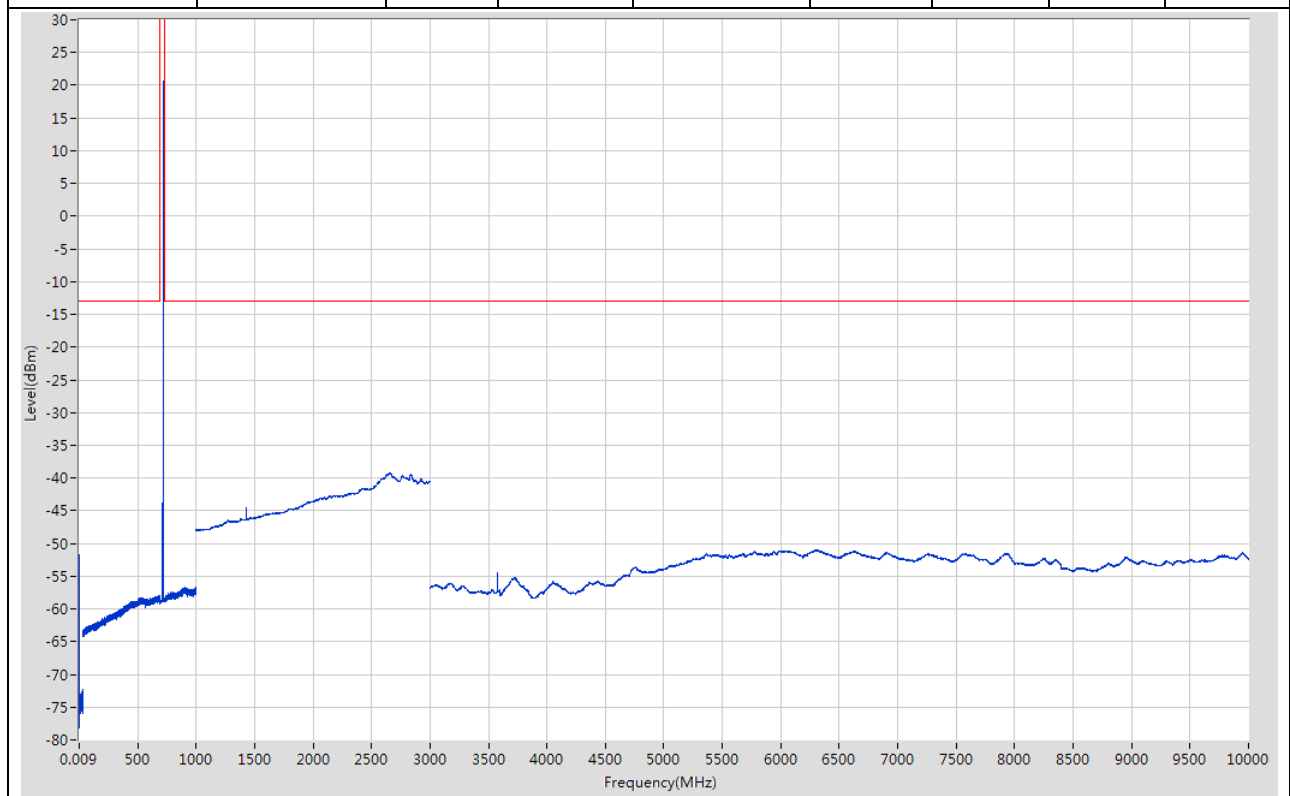| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.59	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.97	-13	Pass	2985
30	690	0.1	RMS	671.197	-58	-13	Pass	6600
690	725	0.1	RMS	707.967	20.26	60	Pass	601
725	1000	0.1	RMS	899.764	-49.58	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.24	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51	-13	Pass	7000

1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

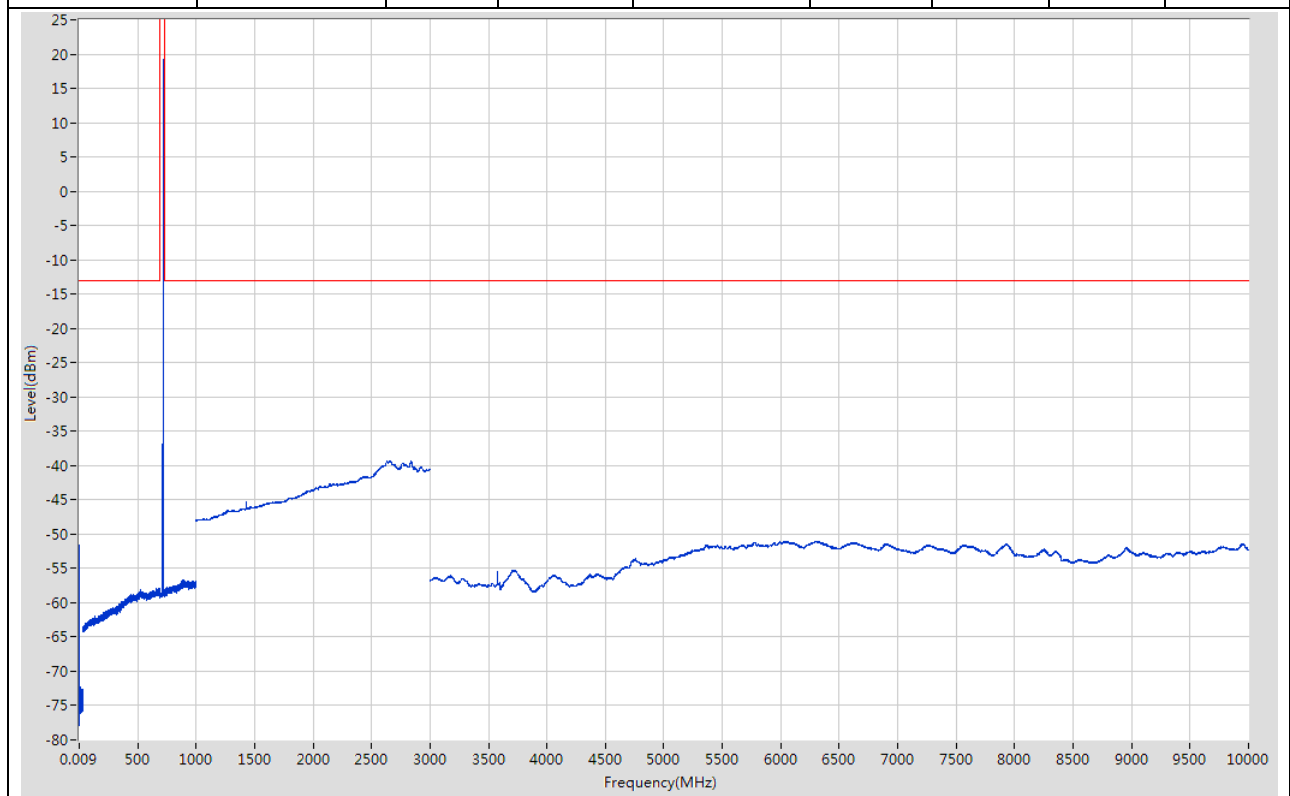| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.53	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-13	Pass	2985
30	690	0.1	RMS	675.298	-57.91	-13	Pass	6600
690	725	0.1	RMS	714.85	20.87	60	Pass	601
725	1000	0.1	RMS	920.171	-56.69	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.25	-13	Pass	2000
3000	10000	1	RMS	6299.471	-51.02	-13	Pass	7000

1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

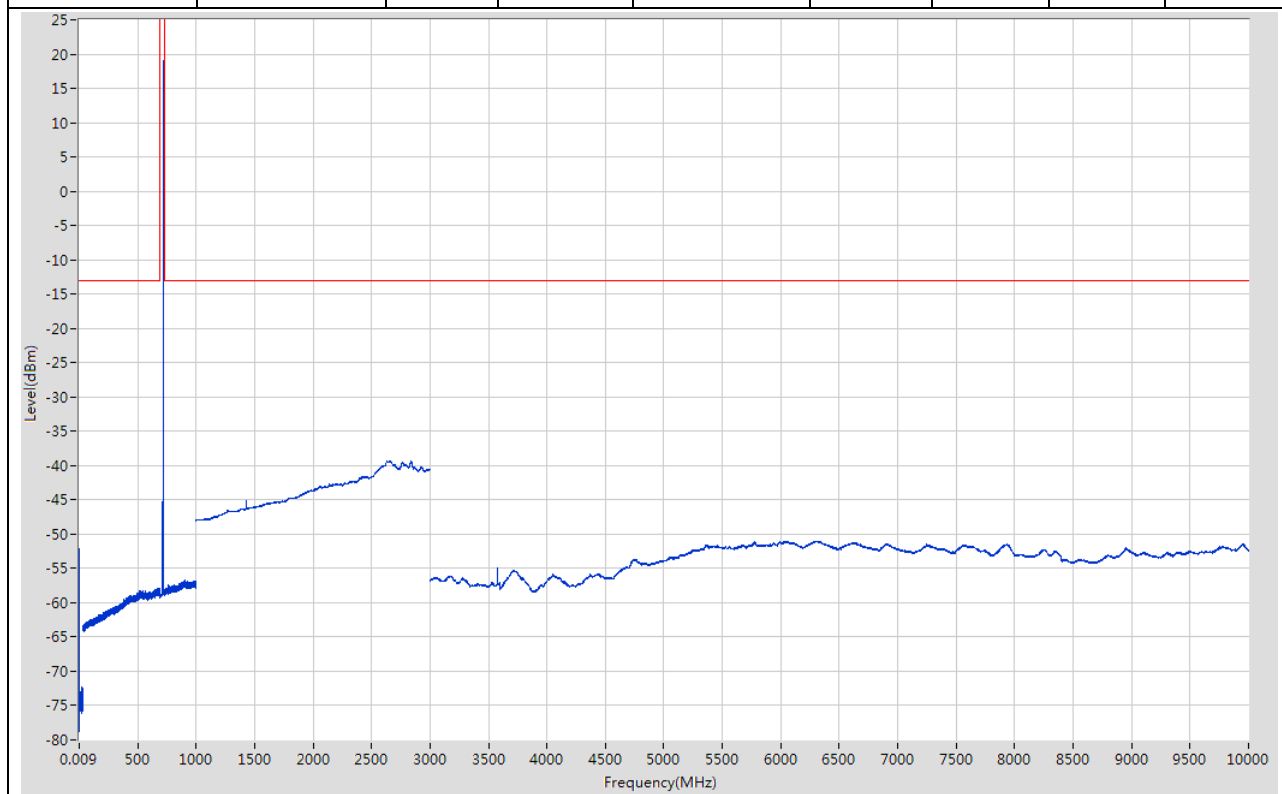| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.66	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.74	-13	Pass	2985
30	690	0.1	RMS	687.5	-58	-13	Pass	6600
690	725	0.1	RMS	715.725	20.63	60	Pass	601
725	1000	0.1	RMS	901.164	-56.7	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.29	-13	Pass	2000
3000	10000	1	RMS	6299.471	-51	-13	Pass	7000

1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

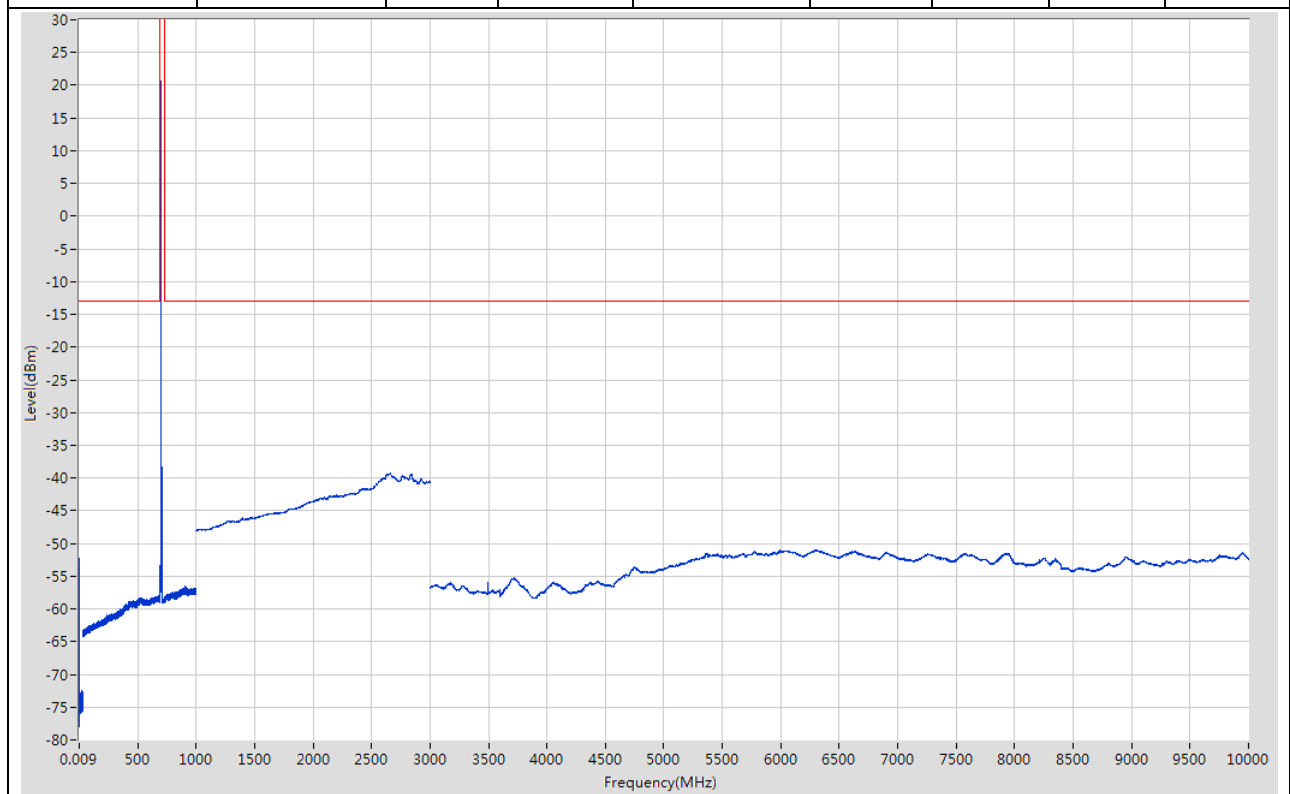| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.62	-13	Pass	2985
30	690	0.1	RMS	680.899	-57.95	-13	Pass	6600
690	725	0.1	RMS	714.85	19.28	60	Pass	601
725	1000	0.1	RMS	888.76	-56.7	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.29	-13	Pass	2000
3000	10000	1	RMS	6317.474	-51.03	-13	Pass	7000

1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

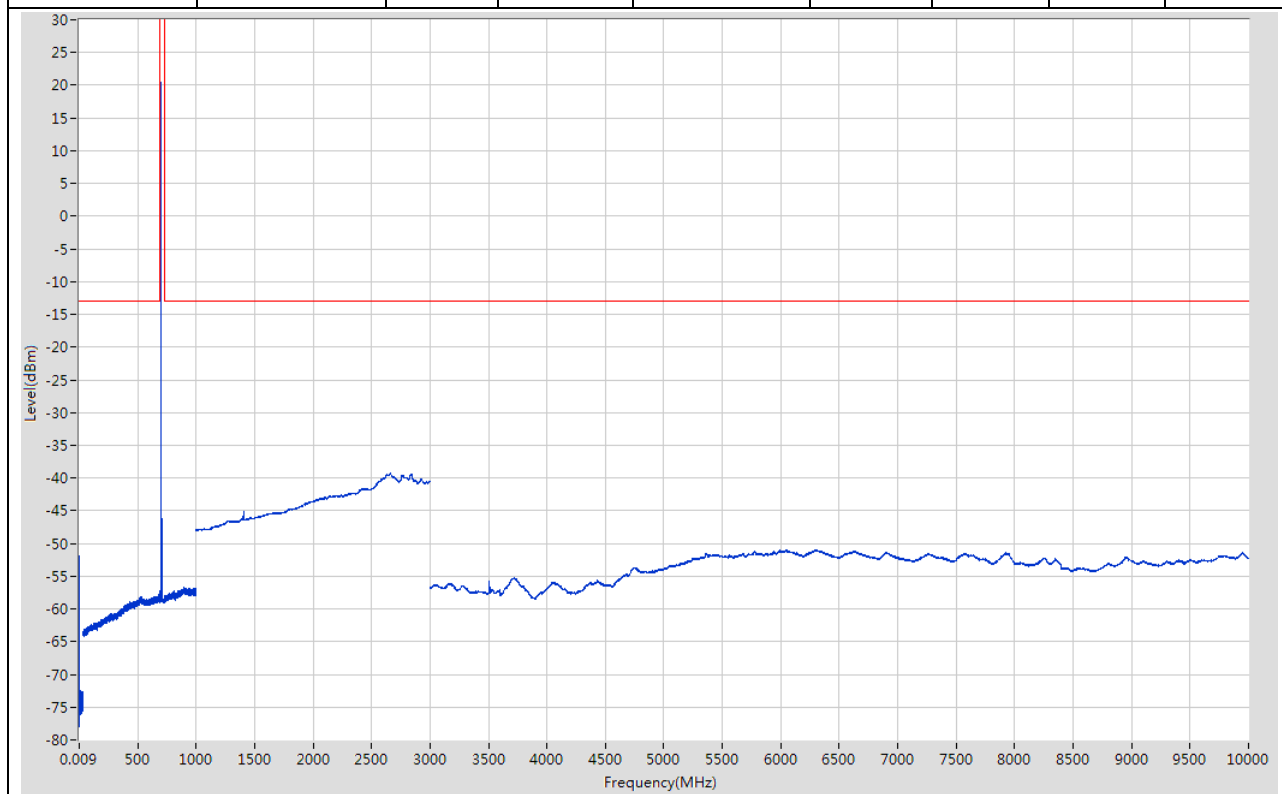| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-53.62	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.12	-13	Pass	2985
30	690	0.1	RMS	667.997	-57.95	-13	Pass	6600
690	725	0.1	RMS	715.725	19.12	60	Pass	601
725	1000	0.1	RMS	907.967	-56.66	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.28	-13	Pass	2000
3000	10000	1	RMS	6312.473	-51.01	-13	Pass	7000

1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

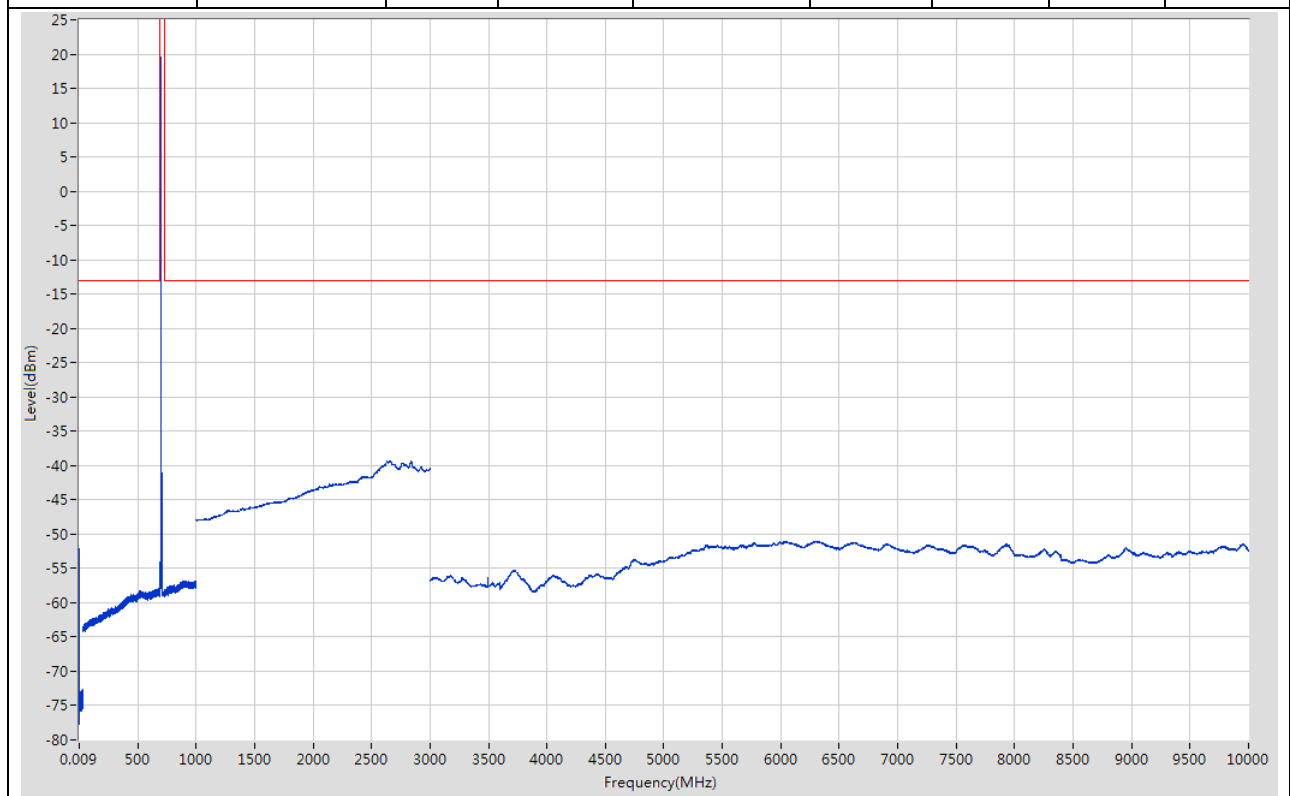| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.85	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.27	-13	Pass	2985
30	690	0.1	RMS	680.999	-57.87	-13	Pass	6600
690	725	0.1	RMS	699.217	20.68	60	Pass	601
725	1000	0.1	RMS	908.867	-56.57	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.28	-13	Pass	2000
3000	10000	1	RMS	6299.471	-50.99	-13	Pass	7000

1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

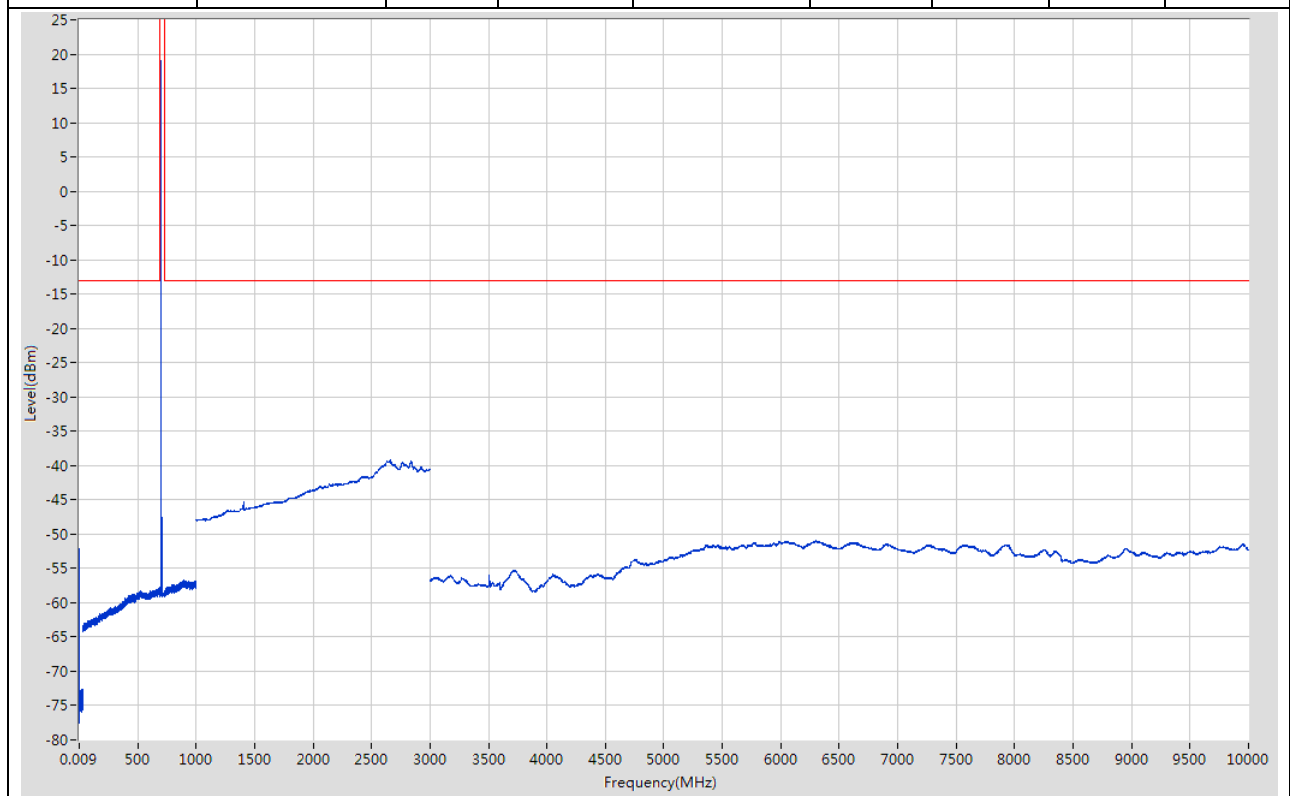| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-52.83	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.98	-13	Pass	2985
30	690	0.1	RMS	676.698	-57.79	-13	Pass	6600
690	725	0.1	RMS	701.783	20.52	60	Pass	601
725	1000	0.1	RMS	898.063	-56.71	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.26	-13	Pass	2000
3000	10000	1	RMS	6303.472	-50.98	-13	Pass	7000

1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:23025, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

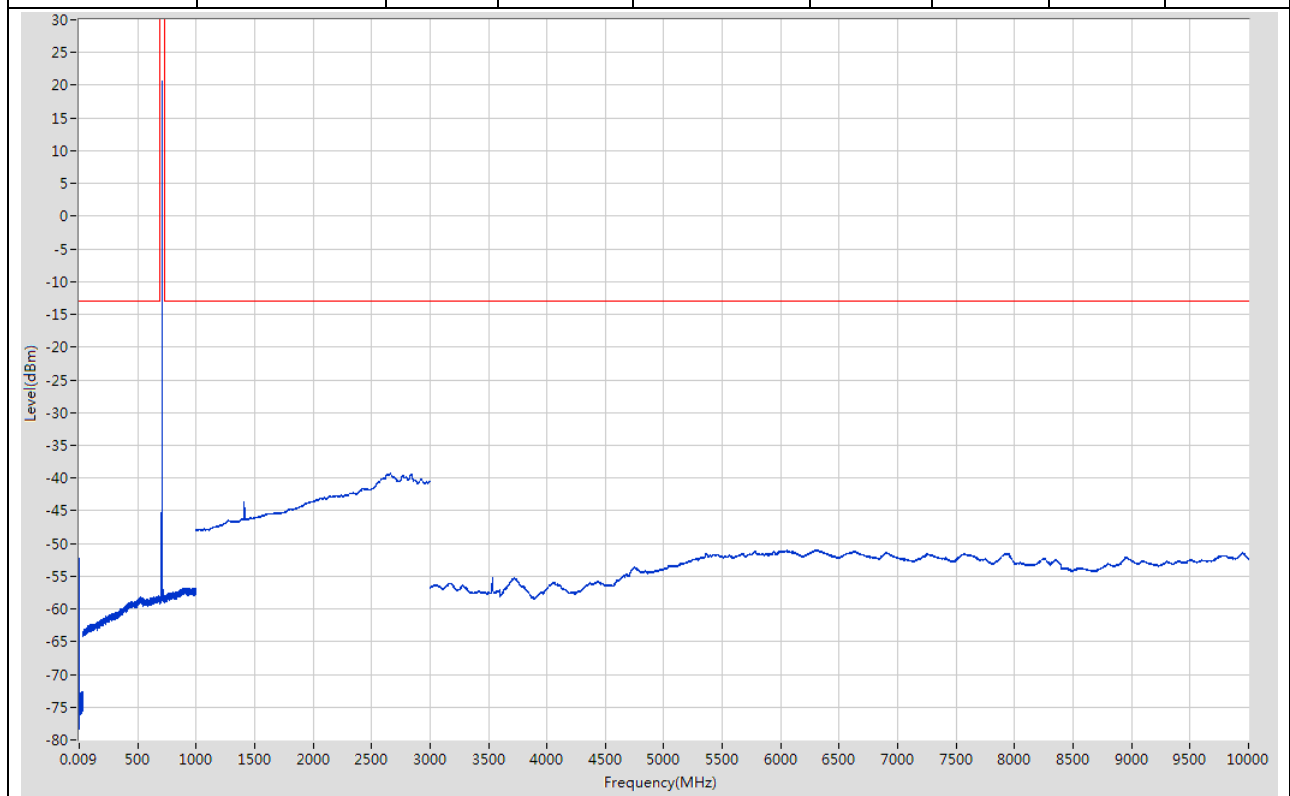| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-54.49	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.19	-13	Pass	2985
30	690	0.1	RMS	686.199	-57.94	-13	Pass	6600
690	725	0.1	RMS	699.217	19.54	60	Pass	601
725	1000	0.1	RMS	938.378	-56.86	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.25	-13	Pass	2000
3000	10000	1	RMS	6300.471	-51.01	-13	Pass	7000

1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:23025, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

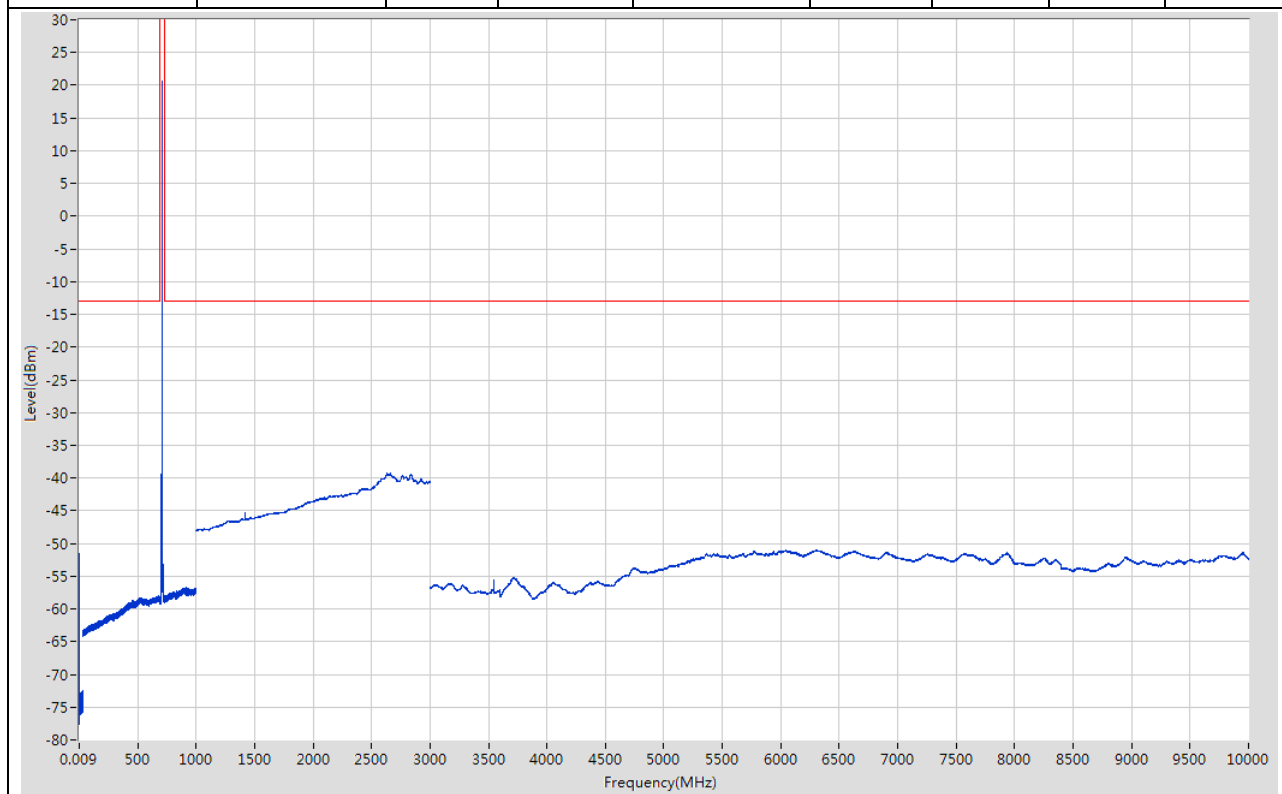| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.31	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.15	-13	Pass	2985
30	690	0.1	RMS	681.299	-57.93	-13	Pass	6600
690	725	0.1	RMS	701.783	18.97	60	Pass	601
725	1000	0.1	RMS	896.162	-56.77	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.24	-13	Pass	2000
3000	10000	1	RMS	6302.472	-50.95	-13	Pass	7000

1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:23095, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

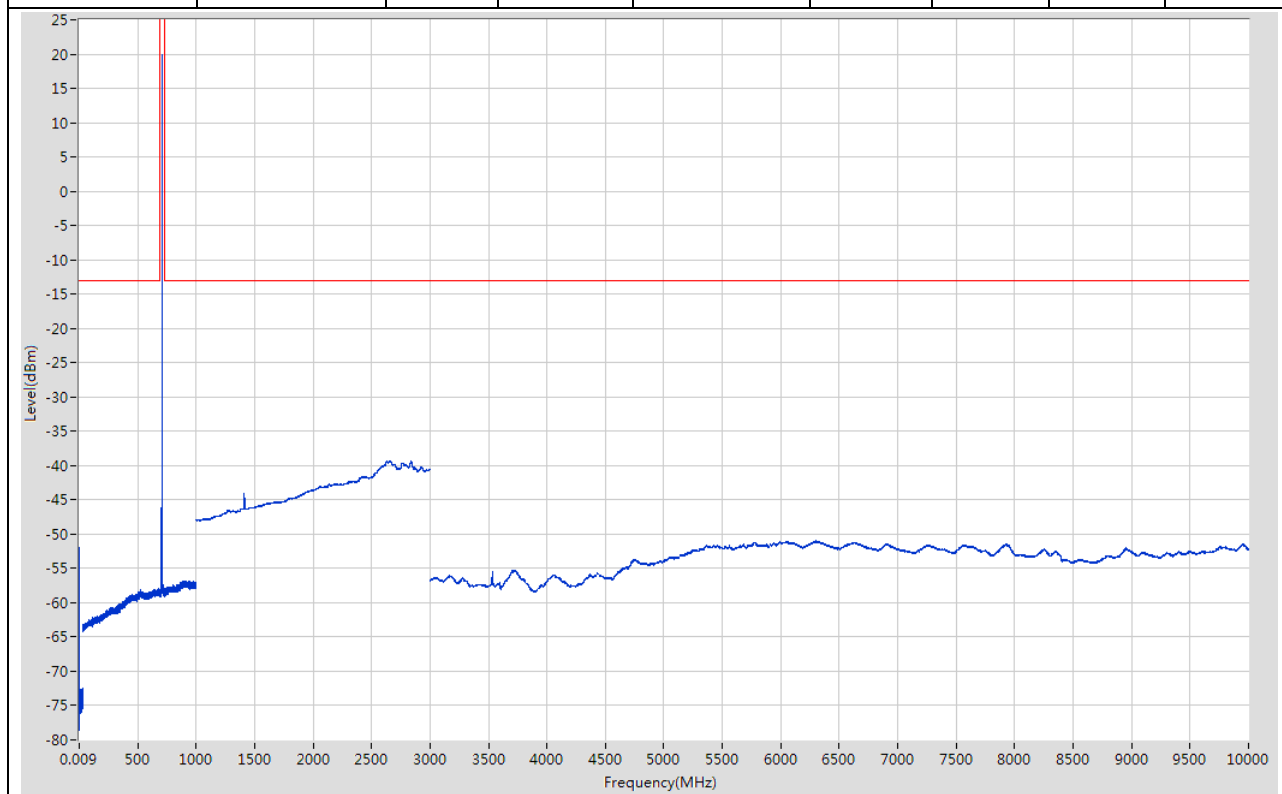| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.26	-13	Pass	2985
30	690	0.1	RMS	679.498	-57.97	-13	Pass	6600
690	725	0.1	RMS	706.217	20.55	60	Pass	601
725	1000	0.1	RMS	881.257	-56.81	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.26	-13	Pass	2000
3000	10000	1	RMS	6302.472	-51.01	-13	Pass	7000

1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:23095, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

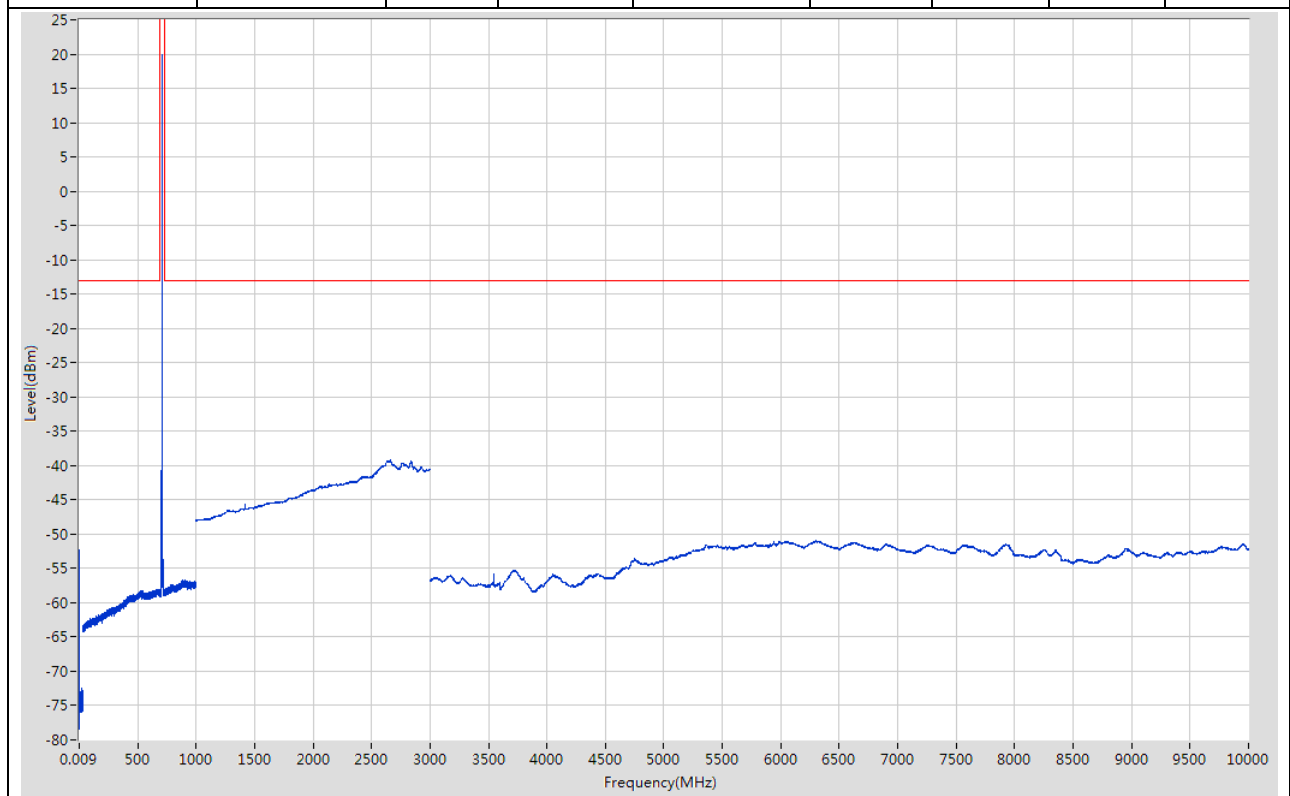| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.57	-13	Pass	2985
30	690	0.1	RMS	681.599	-58.02	-13	Pass	6600
690	725	0.1	RMS	708.783	20.68	60	Pass	601
725	1000	0.1	RMS	909.767	-56.72	-13	Pass	2750
1000	3000	1	RMS	2661.831	-39.28	-13	Pass	2000
3000	10000	1	RMS	6297.471	-50.97	-13	Pass	7000

1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:23095, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

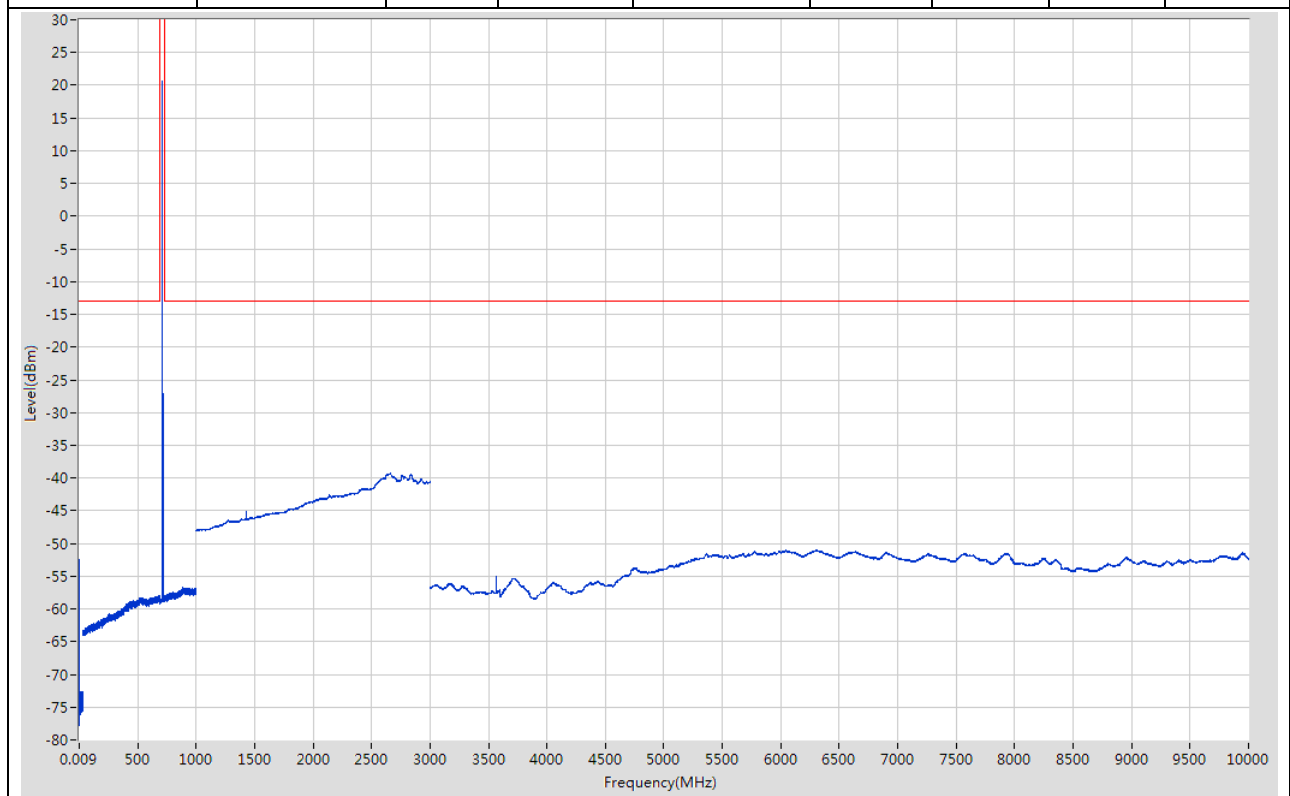| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.55	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.89	-13	Pass	2985
30	690	0.1	RMS	678.198	-57.91	-13	Pass	6600
690	725	0.1	RMS	706.217	19.86	60	Pass	601
725	1000	0.1	RMS	912.168	-56.78	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.28	-13	Pass	2000
3000	10000	1	RMS	6304.472	-50.92	-13	Pass	7000

1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:23095, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

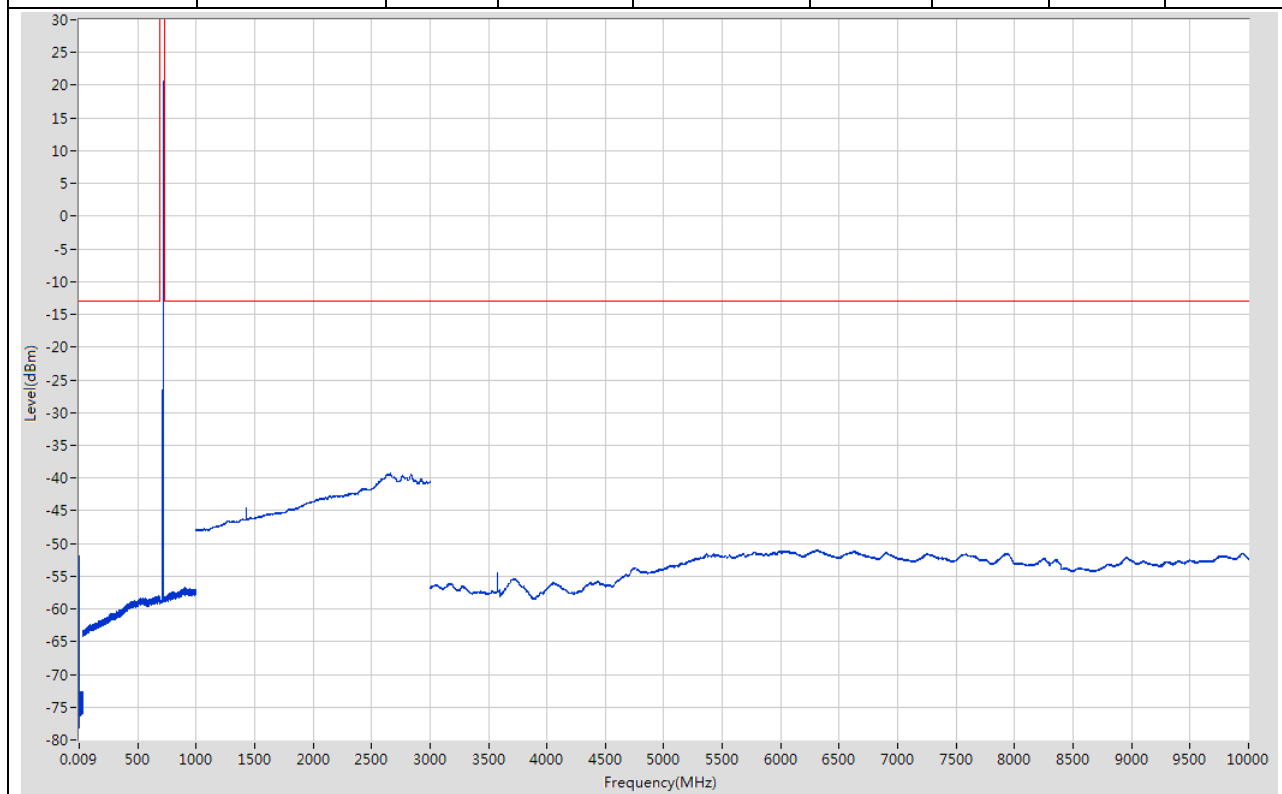| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.3	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.27	-13	Pass	2985
30	690	0.1	RMS	681.599	-58.1	-13	Pass	6600
690	725	0.1	RMS	708.783	19.87	60	Pass	601
725	1000	0.1	RMS	886.059	-56.7	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.23	-13	Pass	2000
3000	10000	1	RMS	6298.471	-50.99	-13	Pass	7000

1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:23165, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

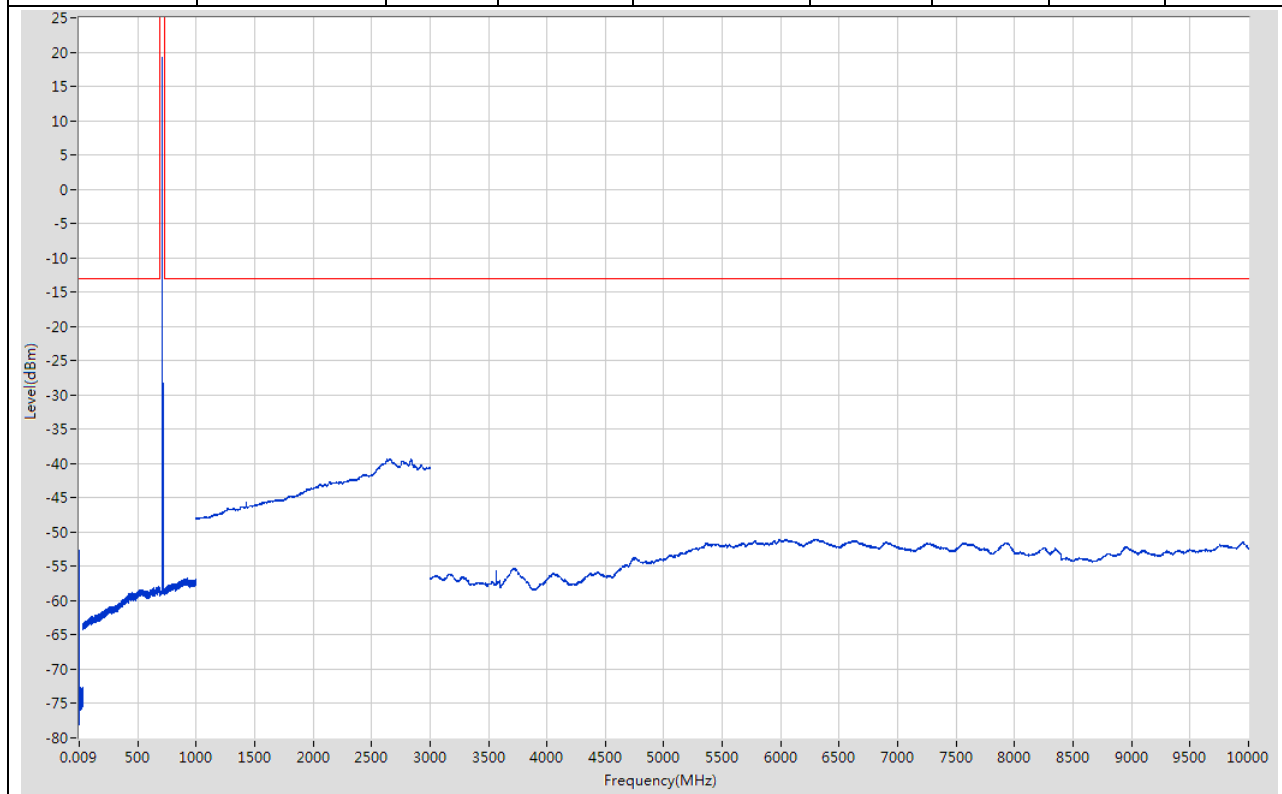| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.08	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-13	Pass	2985
30	690	0.1	RMS	688.6	-57.91	-13	Pass	6600
690	725	0.1	RMS	713.217	20.67	60	Pass	601
725	1000	0.1	RMS	887.559	-56.68	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.29	-13	Pass	2000
3000	10000	1	RMS	6299.471	-51	-13	Pass	7000

1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:23165, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

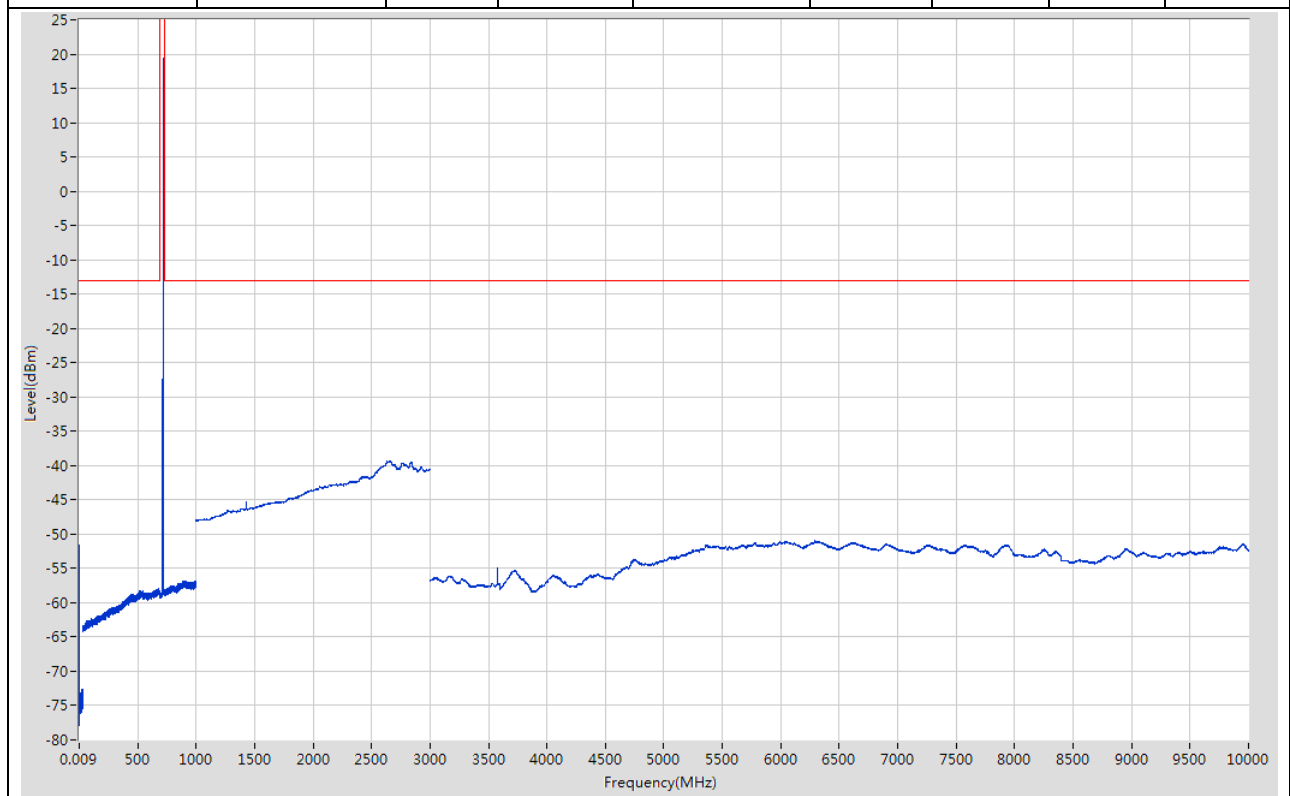| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.98	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.97	-13	Pass	2985
30	690	0.1	RMS	682.399	-58.04	-13	Pass	6600
690	725	0.1	RMS	715.783	20.54	60	Pass	601
725	1000	0.1	RMS	909.067	-56.73	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.3	-13	Pass	2000
3000	10000	1	RMS	6302.472	-51.01	-13	Pass	7000

1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:23165, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

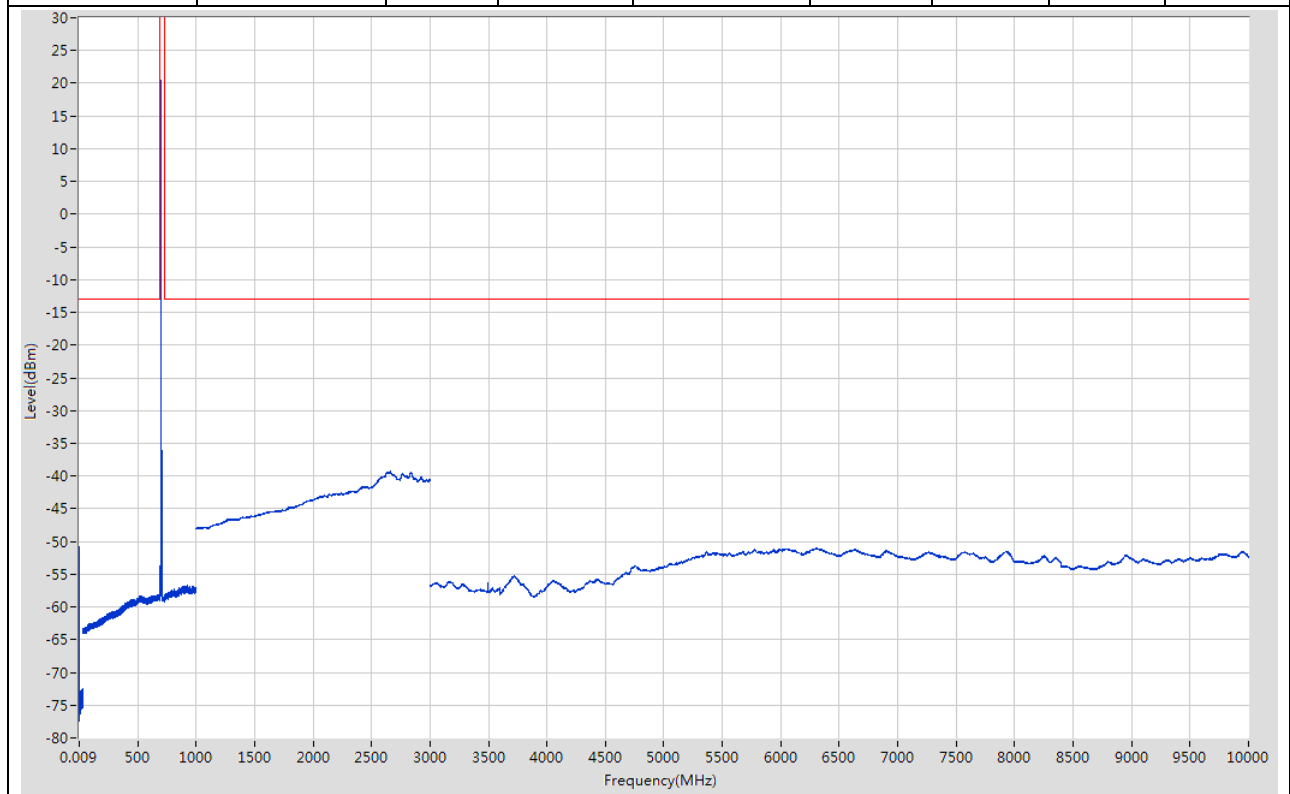| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.68	-13	Pass	2985
30	690	0.1	RMS	679.698	-57.97	-13	Pass	6600
690	725	0.1	RMS	713.217	19.3	60	Pass	601
725	1000	0.1	RMS	926.173	-56.73	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.3	-13	Pass	2000
3000	10000	1	RMS	6306.472	-51.01	-13	Pass	7000

1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:23165, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

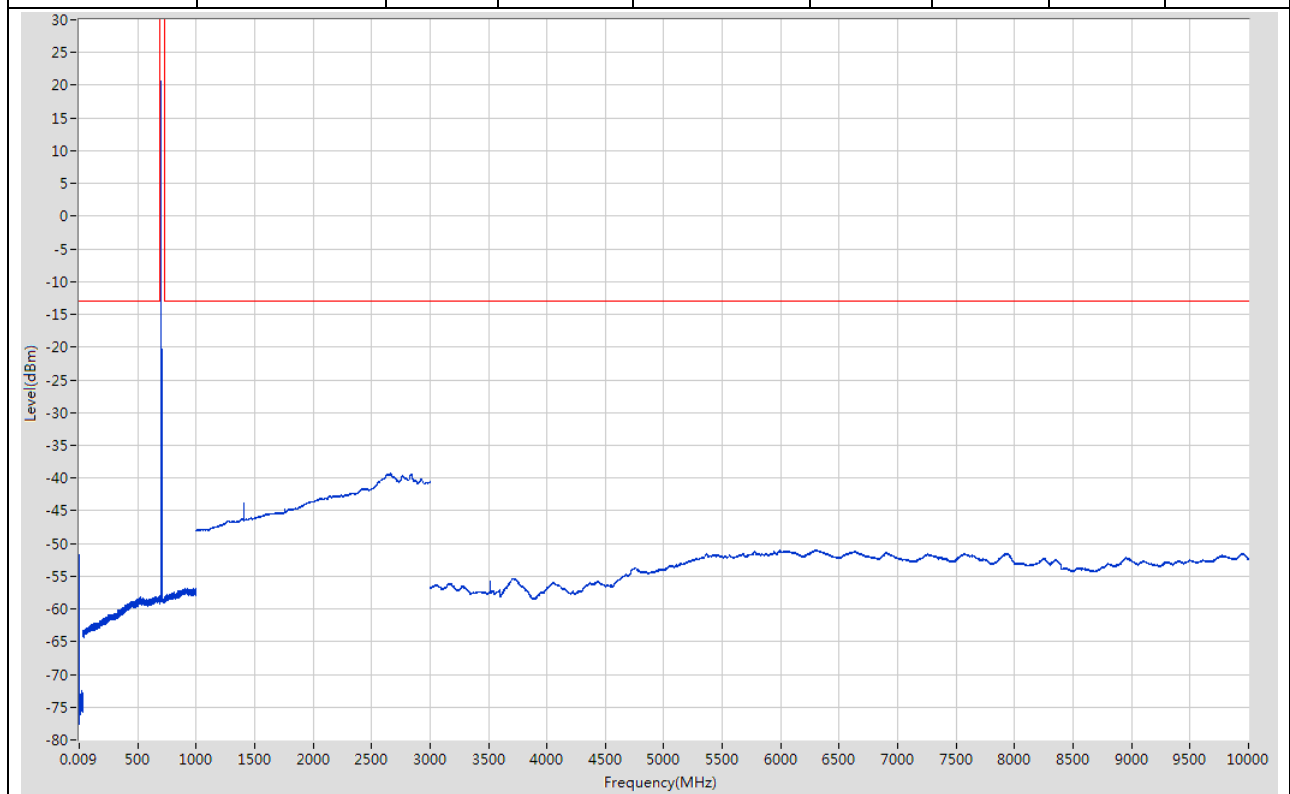| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.77	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.54	-13	Pass	2985
30	690	0.1	RMS	680.099	-57.99	-13	Pass	6600
690	725	0.1	RMS	715.783	19.43	60	Pass	601
725	1000	0.1	RMS	906.066	-56.79	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.31	-13	Pass	2000
3000	10000	1	RMS	6293.47	-50.96	-13	Pass	7000

1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

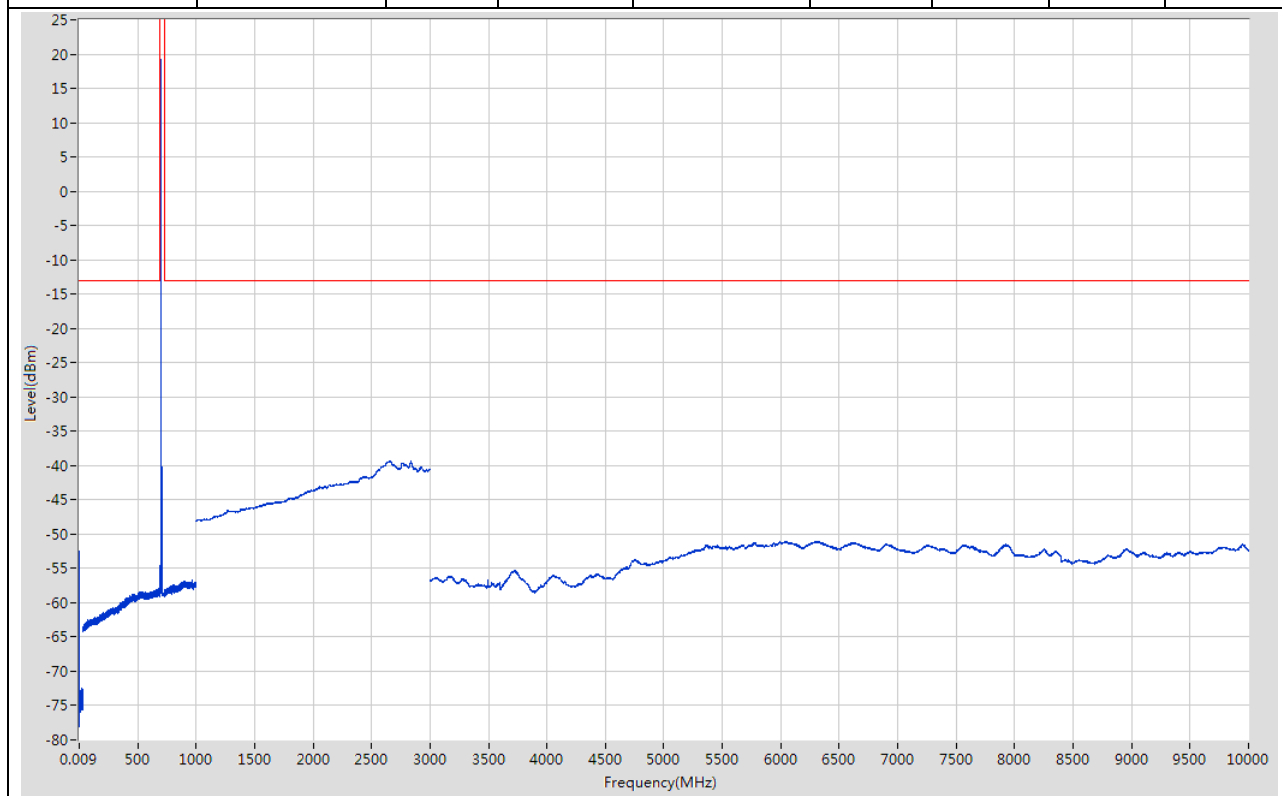| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.12	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.81	-13	Pass	2985
30	690	0.1	RMS	686.399	-57.99	-13	Pass	6600
690	725	0.1	RMS	699.333	20.52	60	Pass	601
725	1000	0.1	RMS	920.371	-56.69	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.26	-13	Pass	2000
3000	10000	1	RMS	6307.472	-51.01	-13	Pass	7000

1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

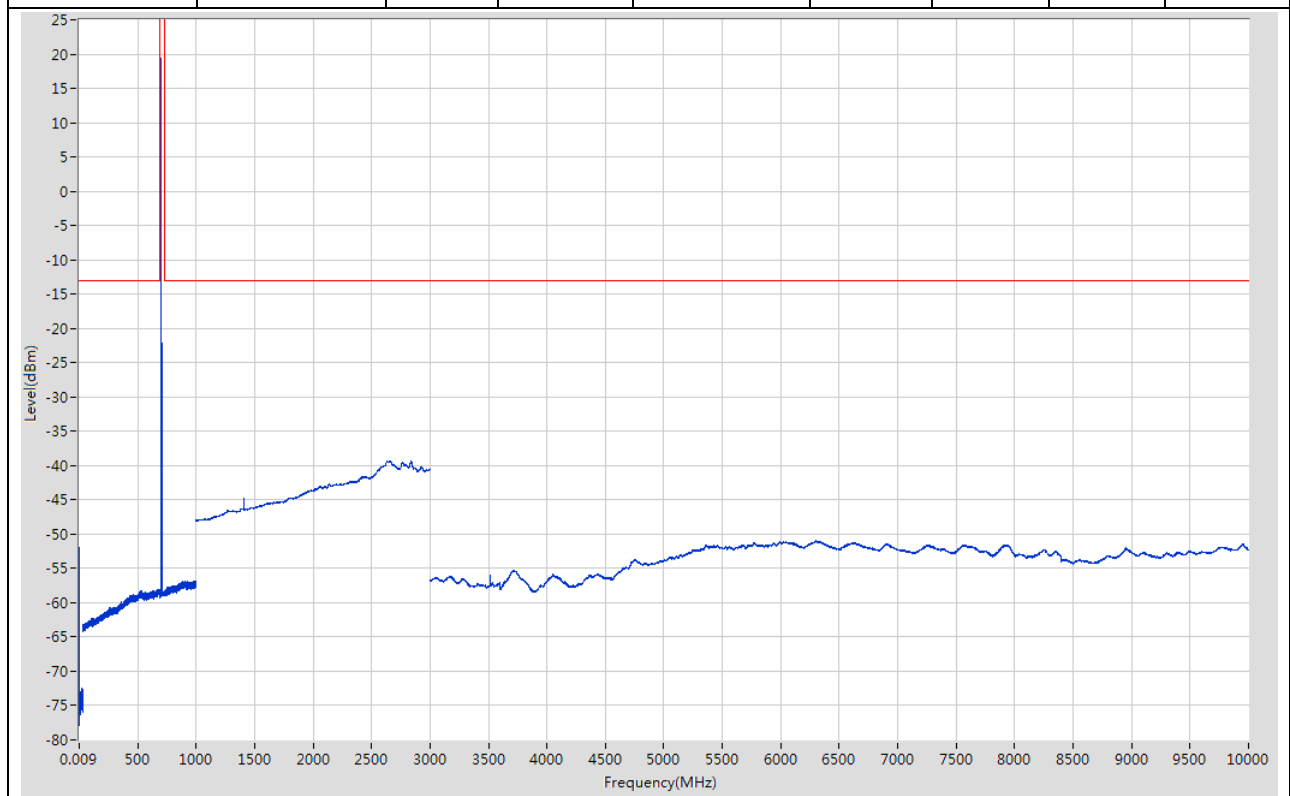| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.19	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.73	-13	Pass	2985
30	690	0.1	RMS	683.899	-58	-13	Pass	6600
690	725	0.1	RMS	703.65	20.58	60	Pass	601
725	1000	0.1	RMS	972.29	-56.86	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.31	-13	Pass	2000
3000	10000	1	RMS	6293.47	-51	-13	Pass	7000

1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

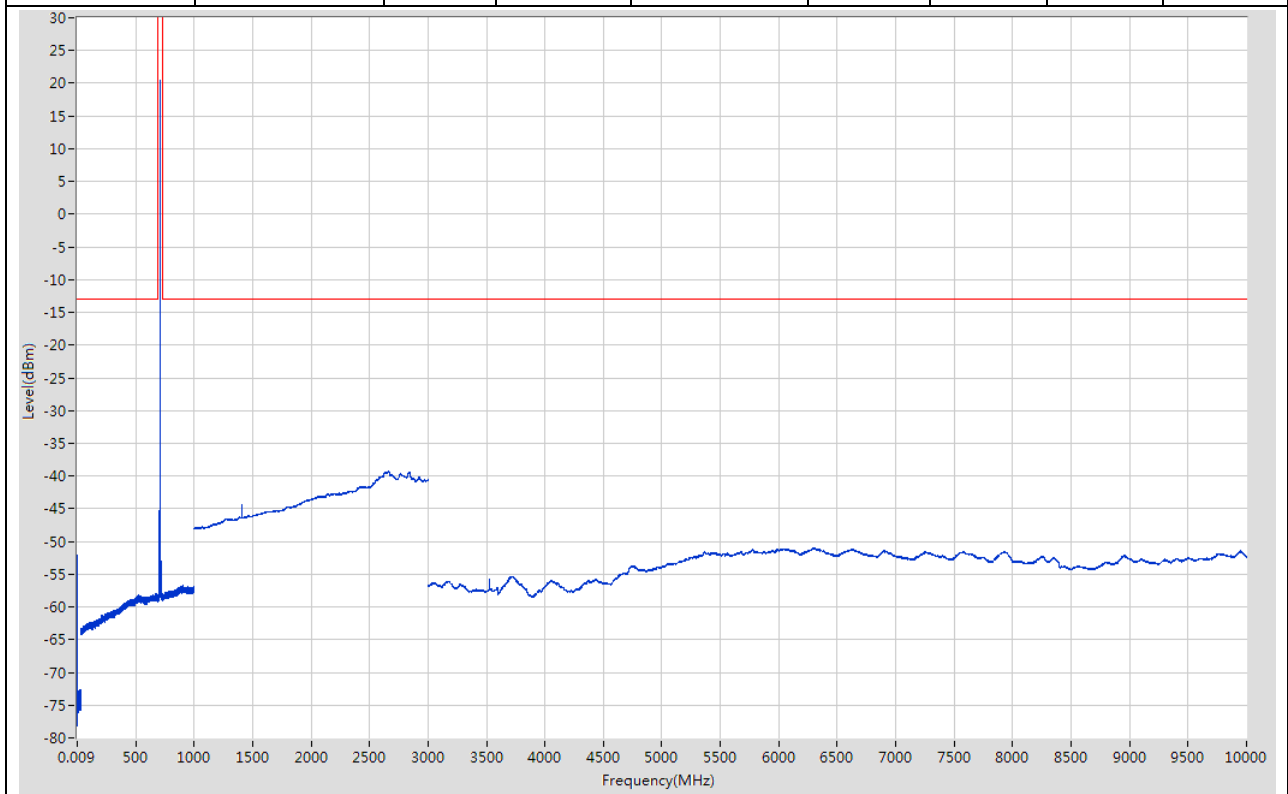| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.36	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.43	-13	Pass	2985
30	690	0.1	RMS	677.598	-57.99	-13	Pass	6600
690	725	0.1	RMS	699.333	19.19	60	Pass	601
725	1000	0.1	RMS	962.586	-56.75	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.25	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51.02	-13	Pass	7000

1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

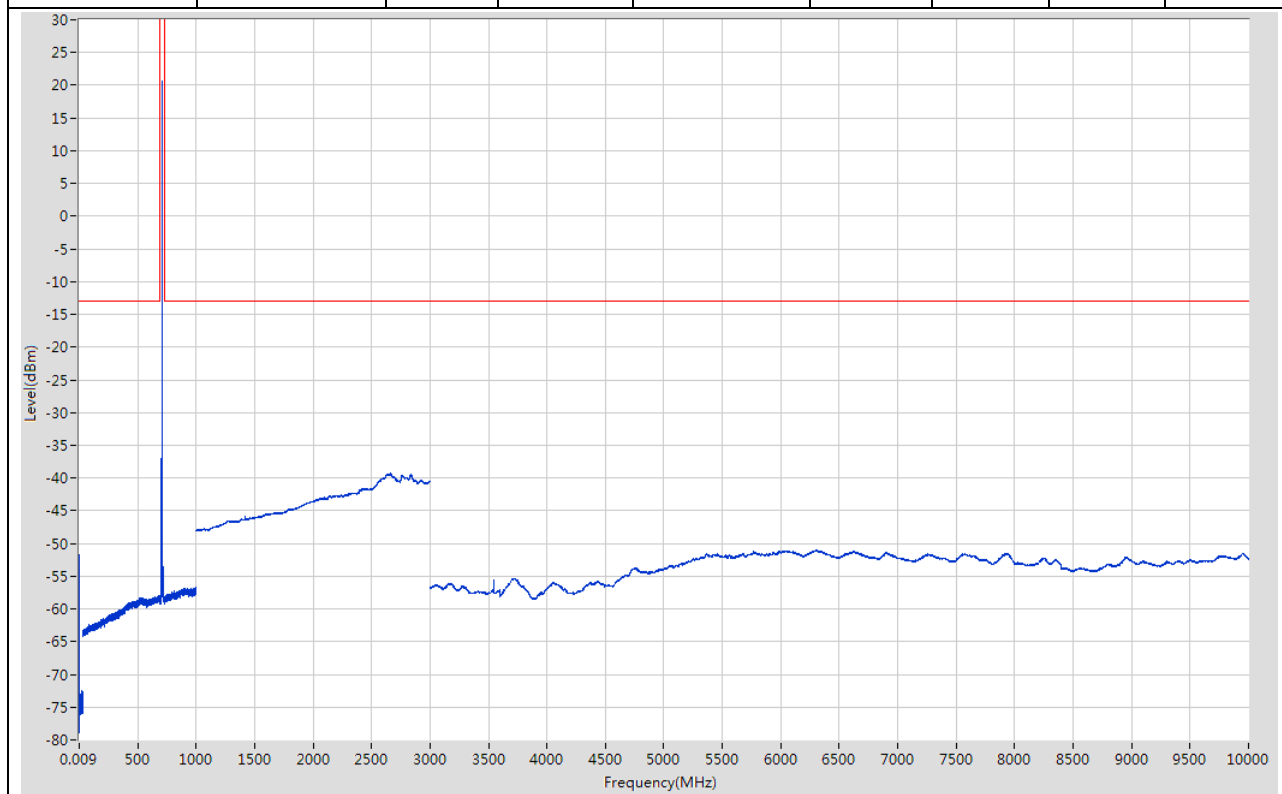| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-54.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.99	-13	Pass	2985
30	690	0.1	RMS	678.498	-58.02	-13	Pass	6600
690	725	0.1	RMS	703.65	19.3	60	Pass	601
725	1000	0.1	RMS	920.471	-56.82	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.25	-13	Pass	2000
3000	10000	1	RMS	6300.471	-50.96	-13	Pass	7000

1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:23095, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

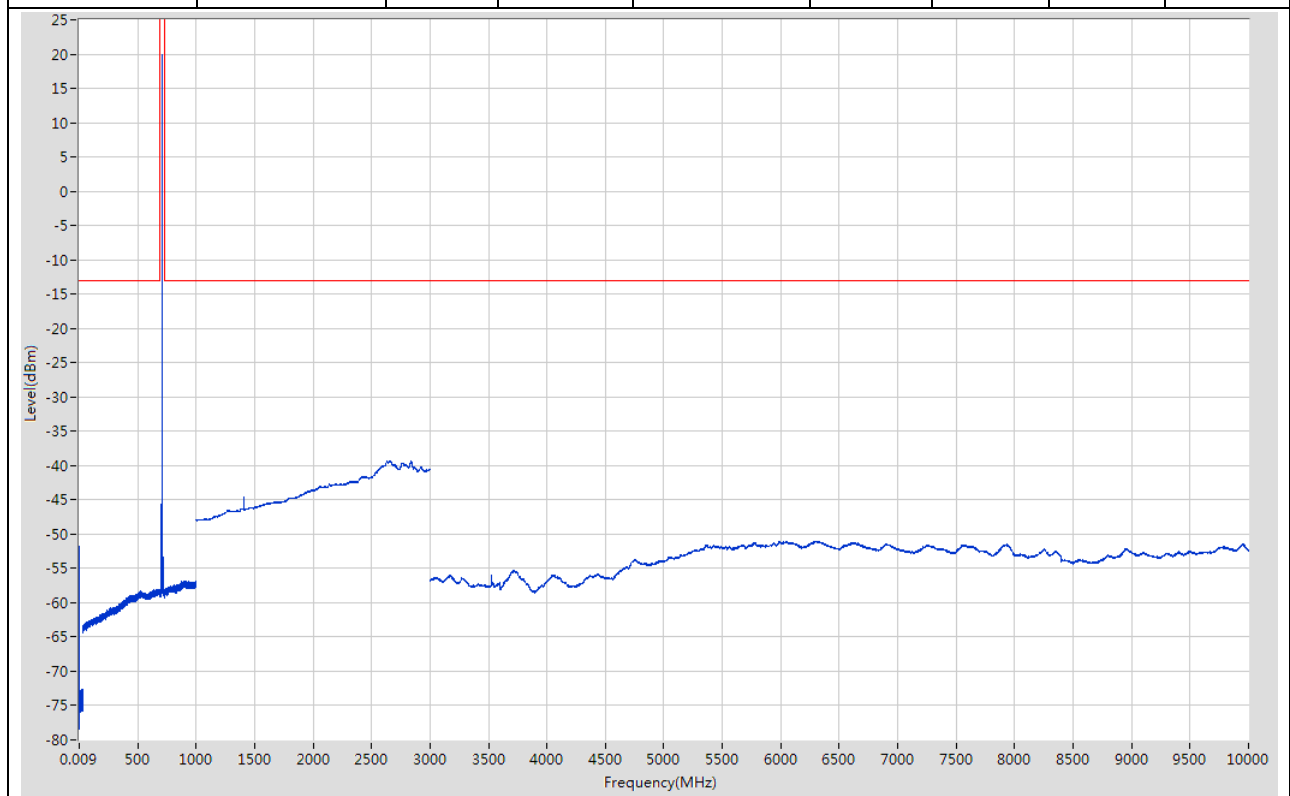| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-54.13	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.09	-13	Pass	2985
30	690	0.1	RMS	678.998	-57.96	-13	Pass	6600
690	725	0.1	RMS	705.342	20.5	60	Pass	601
725	1000	0.1	RMS	901.464	-56.74	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.3	-13	Pass	2000
3000	10000	1	RMS	6311.473	-51	-13	Pass	7000

1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:23095, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

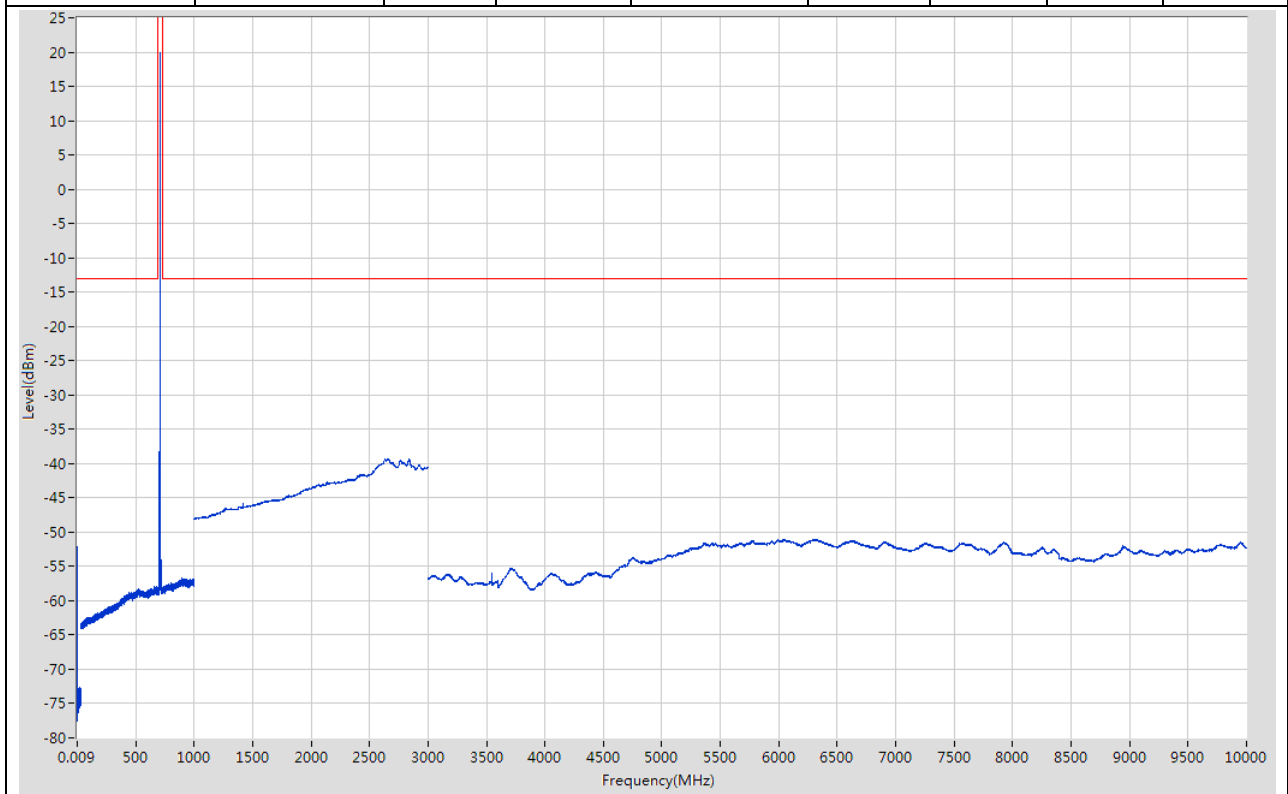| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.83	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.72	-13	Pass	2985
30	690	0.1	RMS	687.1	-57.94	-13	Pass	6600
690	725	0.1	RMS	709.658	20.68	60	Pass	601
725	1000	0.1	RMS	996.699	-56.65	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.25	-13	Pass	2000
3000	10000	1	RMS	6298.471	-50.98	-13	Pass	7000

1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:23095, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

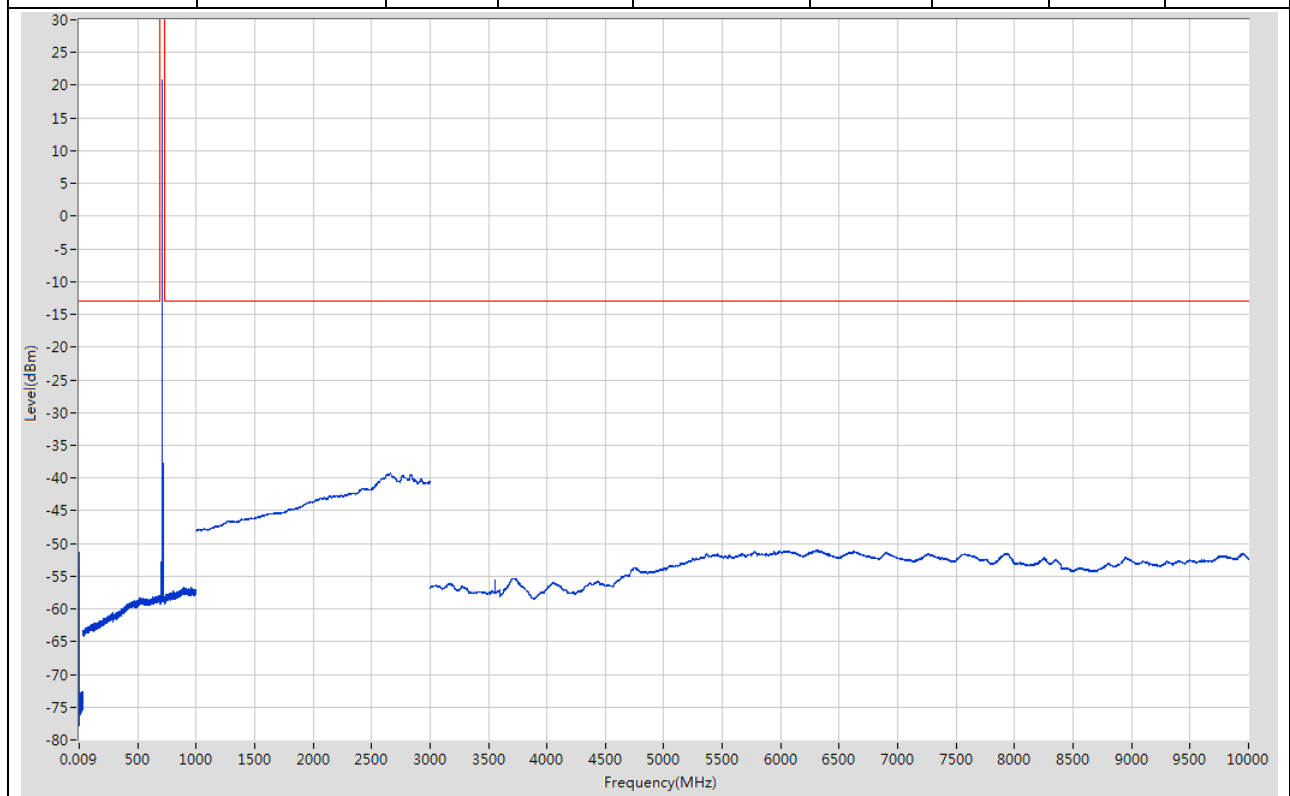| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.64	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.76	-13	Pass	2985
30	690	0.1	RMS	684.699	-58.01	-13	Pass	6600
690	725	0.1	RMS	705.342	19.95	60	Pass	601
725	1000	0.1	RMS	916.069	-56.81	-13	Pass	2750
1000	3000	1	RMS	2661.831	-39.26	-13	Pass	2000
3000	10000	1	RMS	6300.471	-50.99	-13	Pass	7000

1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:23095, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

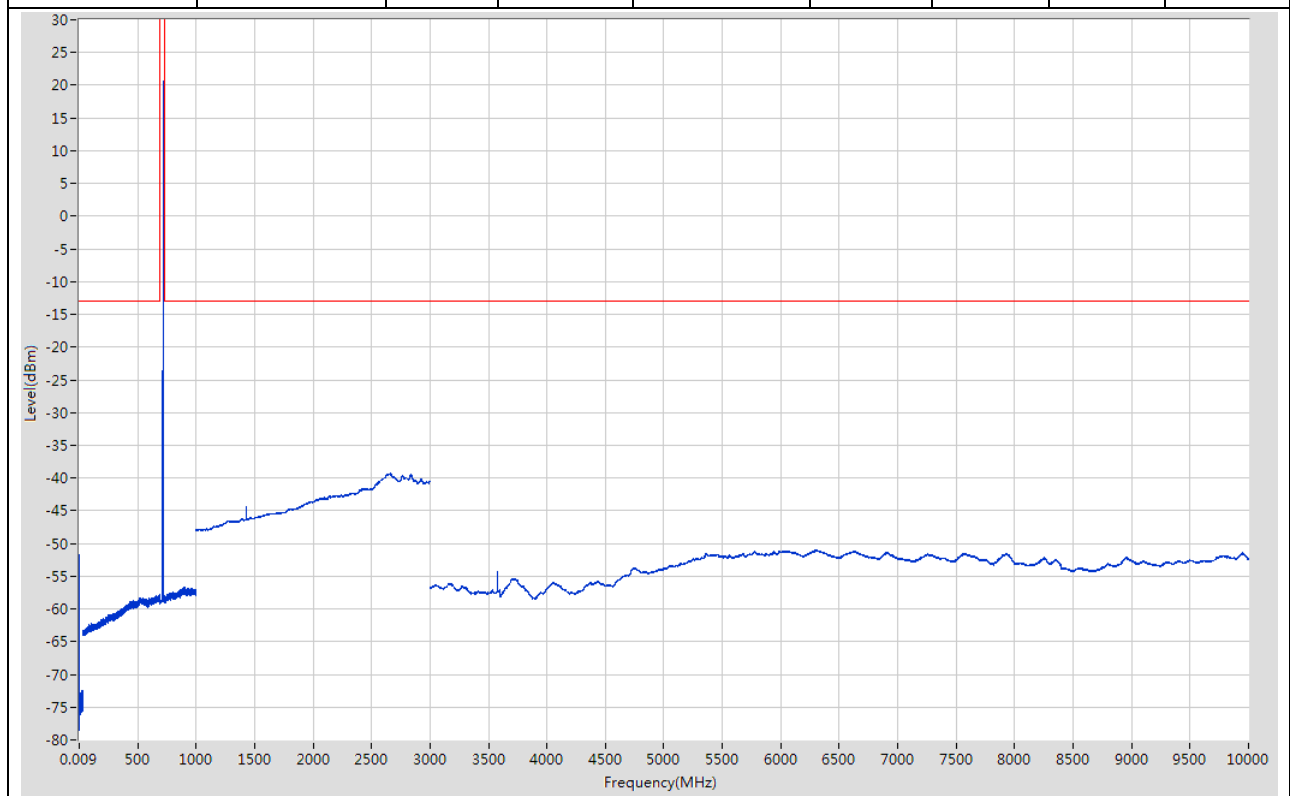| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.02	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.13	-13	Pass	2985
30	690	0.1	RMS	674.798	-57.9	-13	Pass	6600
690	725	0.1	RMS	709.658	19.99	60	Pass	601
725	1000	0.1	RMS	897.063	-56.74	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.29	-13	Pass	2000
3000	10000	1	RMS	6296.471	-51.04	-13	Pass	7000

1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:23155, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

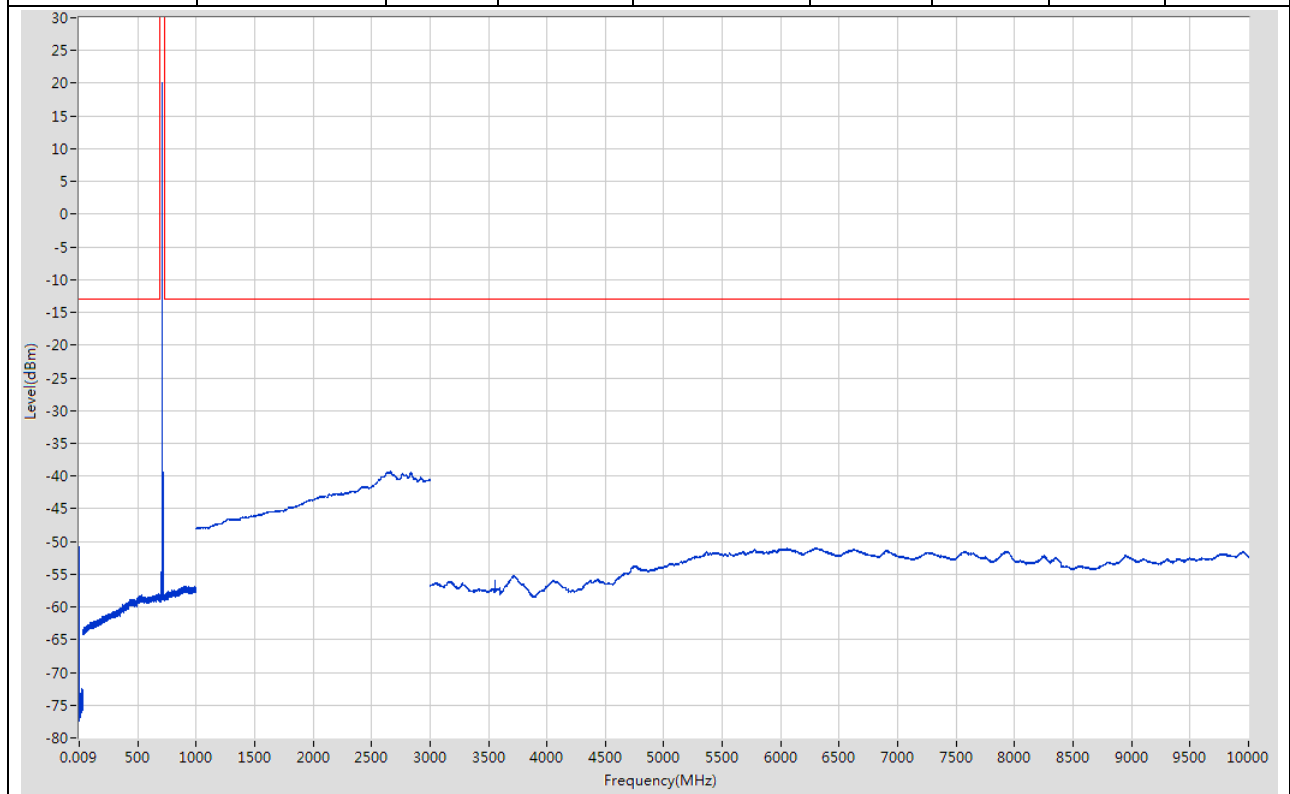| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.73	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.33	-13	Pass	2985
30	690	0.1	RMS	688.7	-57.88	-13	Pass	6600
690	725	0.1	RMS	711.35	20.76	60	Pass	601
725	1000	0.1	RMS	896.662	-56.7	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.28	-13	Pass	2000
3000	10000	1	RMS	6305.472	-51.01	-13	Pass	7000

1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:23155, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

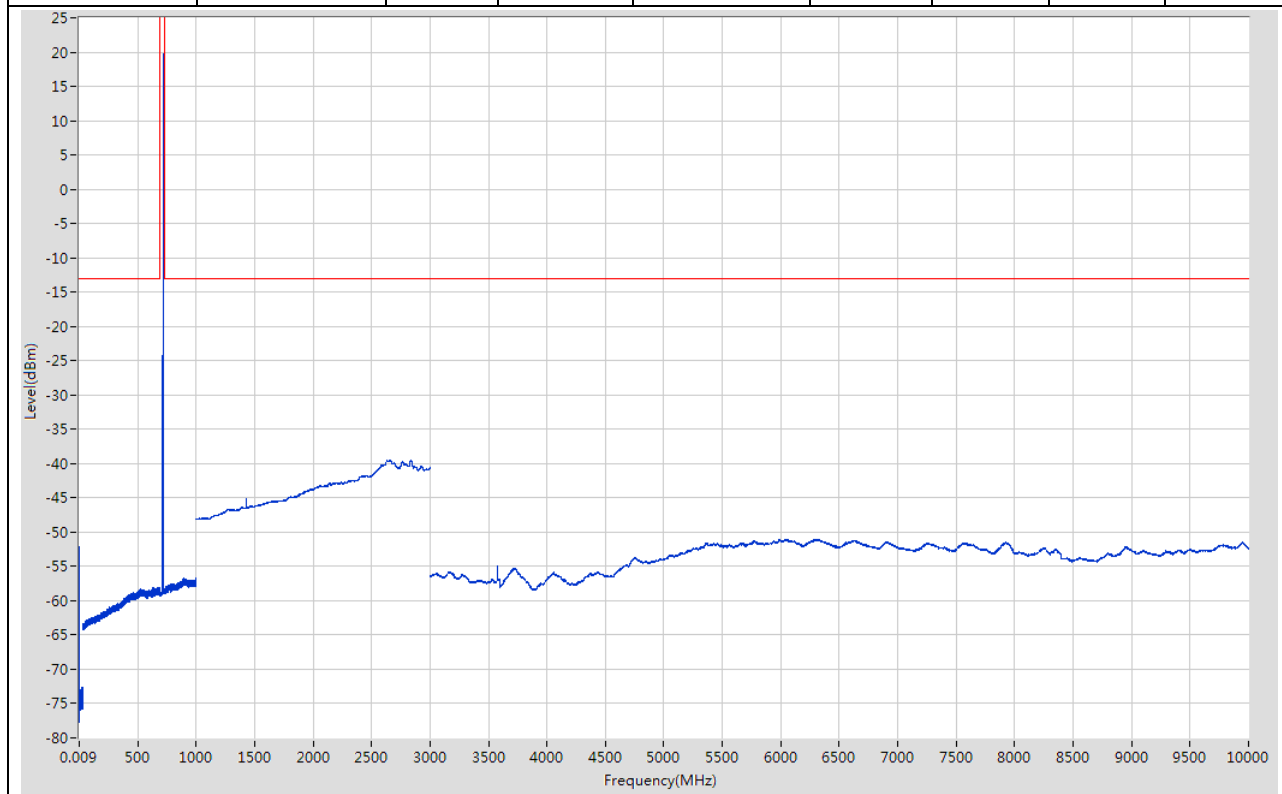| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.75	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.75	-13	Pass	2985
30	690	0.1	RMS	684.799	-57.81	-13	Pass	6600
690	725	0.1	RMS	715.667	20.61	60	Pass	601
725	1000	0.1	RMS	902.264	-56.74	-13	Pass	2750
1000	3000	1	RMS	2656.828	-39.27	-13	Pass	2000
3000	10000	1	RMS	6304.472	-51.02	-13	Pass	7000

1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

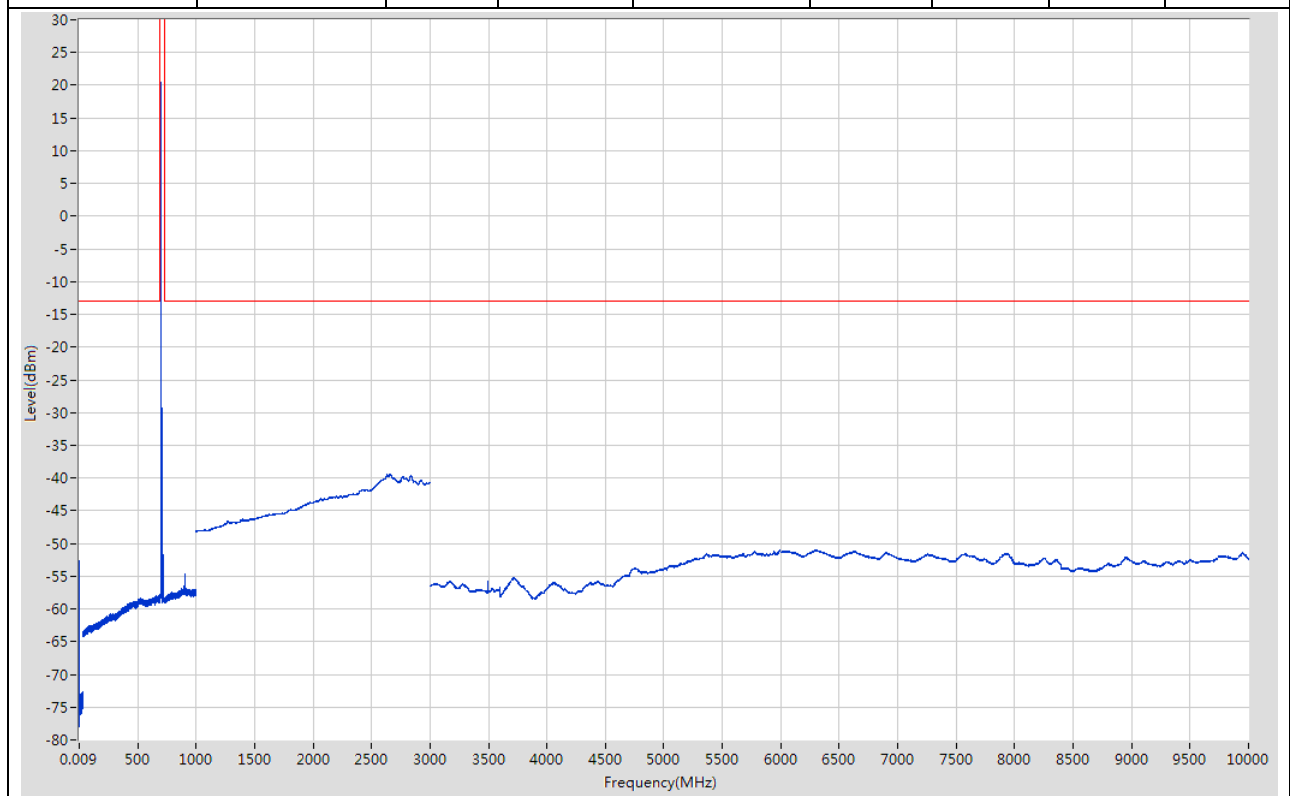| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.34	-13	Pass	601
0.15	30	0.01	RMS	0.15	-50.86	-13	Pass	2985
30	690	0.1	RMS	674.498	-57.99	-13	Pass	6600
690	725	0.1	RMS	711.35	20.12	60	Pass	601
725	1000	0.1	RMS	911.068	-56.82	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.29	-13	Pass	2000
3000	10000	1	RMS	6300.471	-51.03	-13	Pass	7000

1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

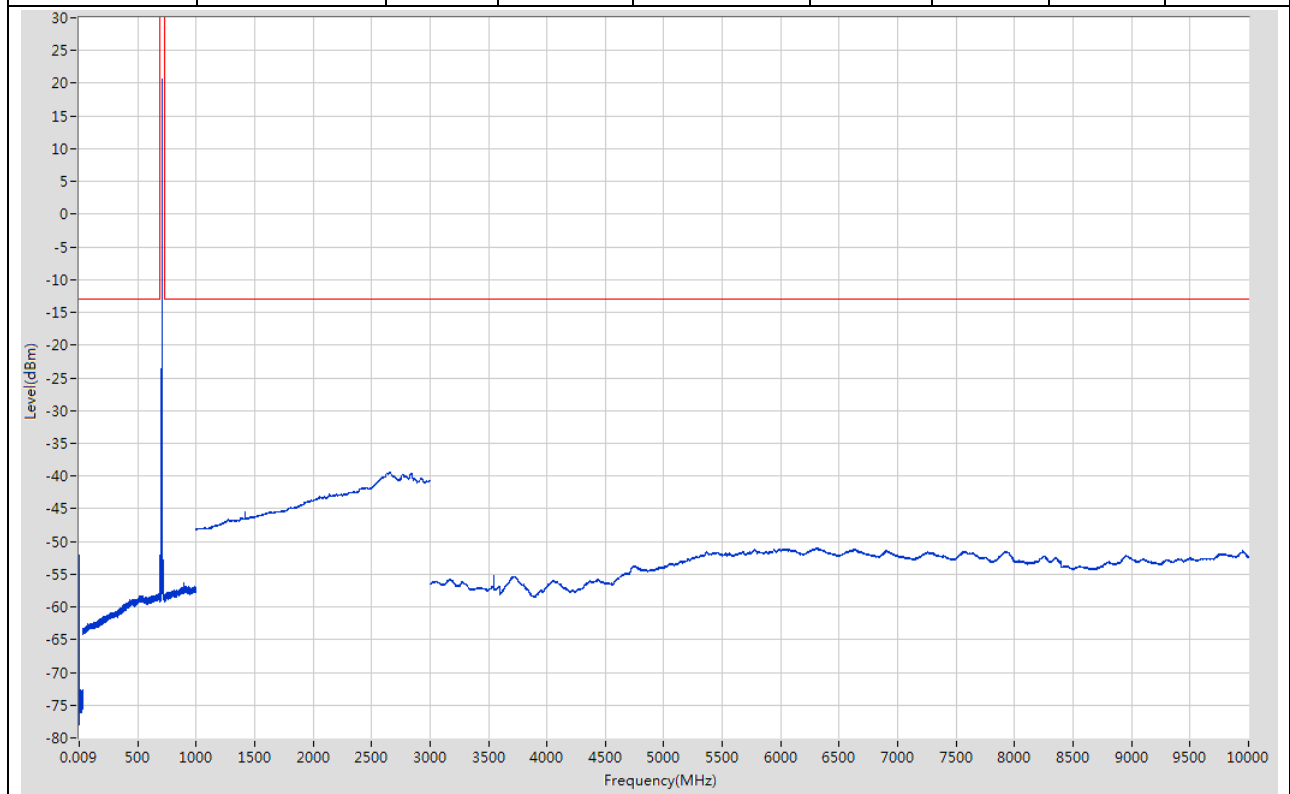| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.95	-13	Pass	601
0.15	30	0.01	RMS	0.16	-52.2	-13	Pass	2985
30	690	0.1	RMS	683.199	-58.04	-13	Pass	6600
690	725	0.1	RMS	715.667	19.68	60	Pass	601
725	1000	0.1	RMS	898.263	-56.66	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.46	-13	Pass	2000
3000	10000	1	RMS	6298.471	-51	-13	Pass	7000

1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

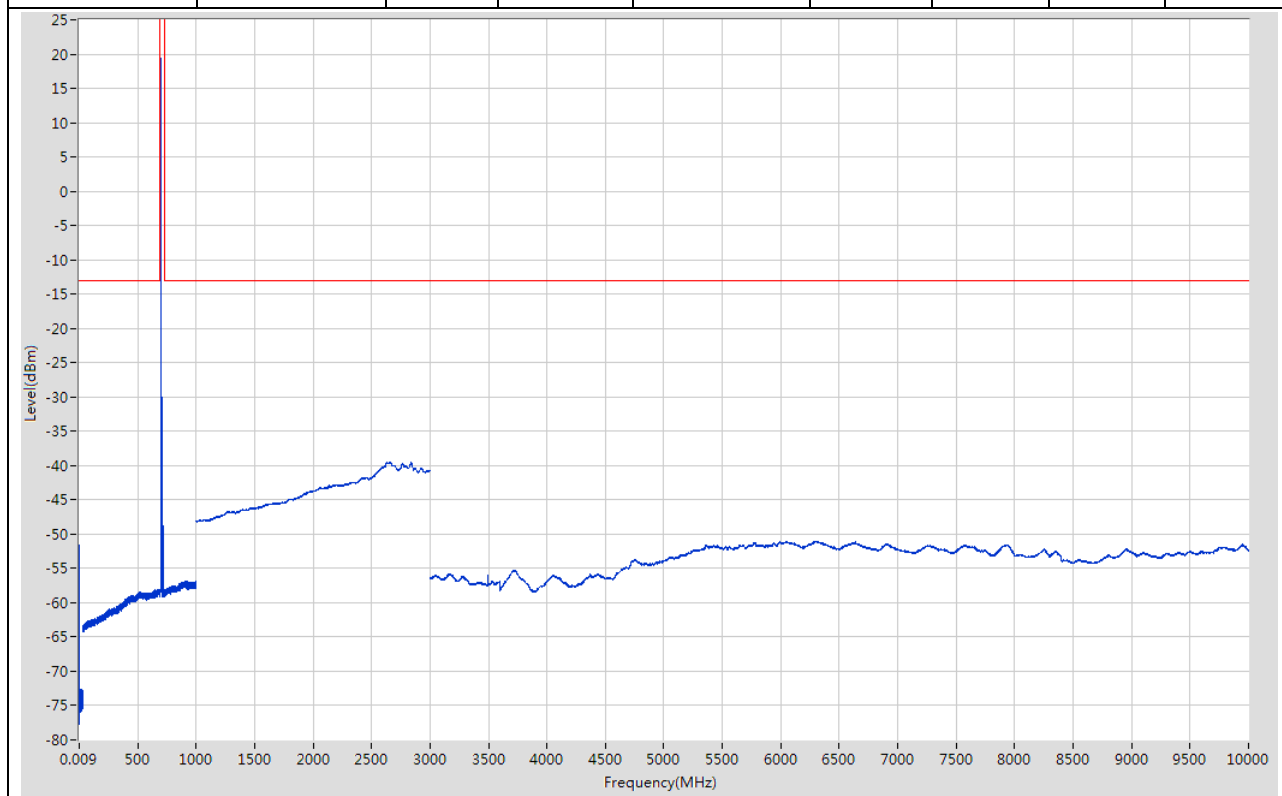| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.81	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.72	-13	Pass	2985
30	690	0.1	RMS	660.896	-58.01	-13	Pass	6600
690	725	0.1	RMS	699.567	20.49	60	Pass	601
725	1000	0.1	RMS	907.466	-54.74	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.4	-13	Pass	2000
3000	10000	1	RMS	6290.47	-51.03	-13	Pass	7000

1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

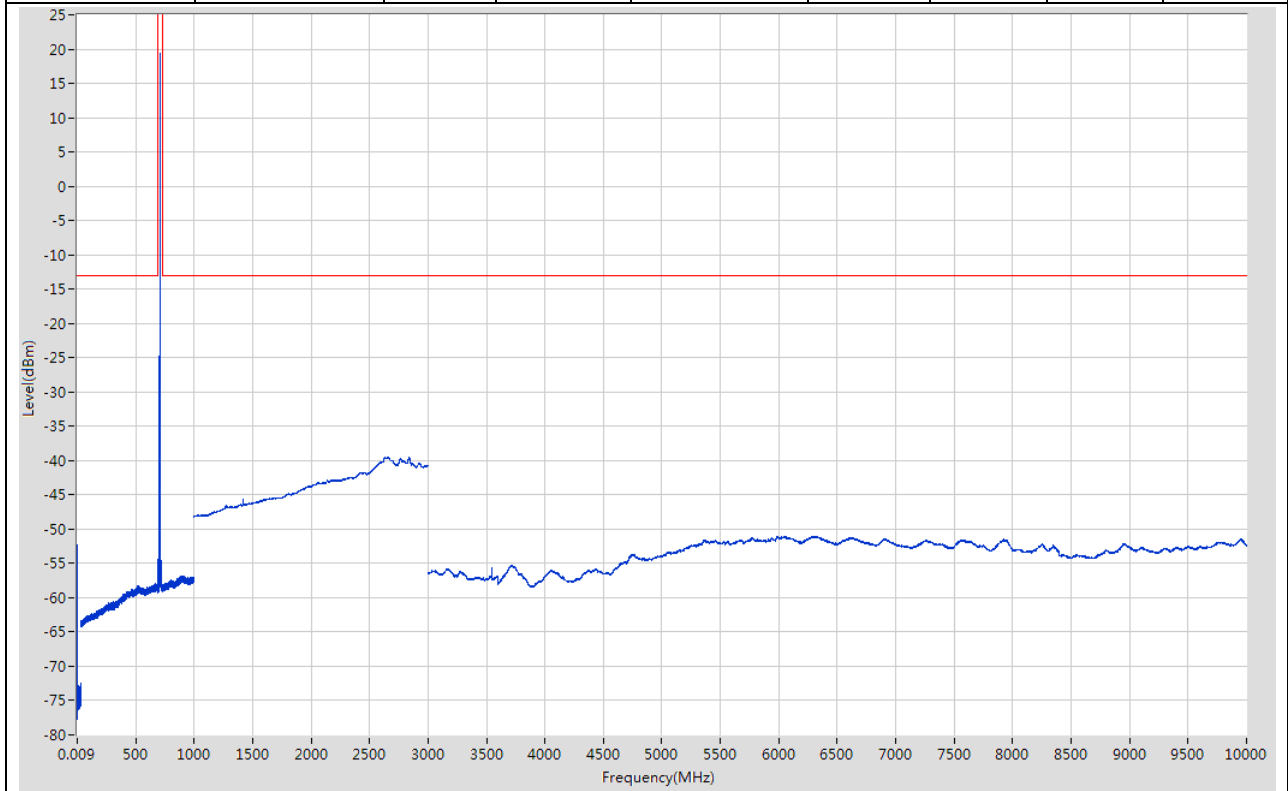| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.63	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.01	-13	Pass	2985
30	690	0.1	RMS	678.998	-57.98	-13	Pass	6600
690	725	0.1	RMS	708.433	20.71	60	Pass	601
725	1000	0.1	RMS	896.963	-56.34	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.44	-13	Pass	2000
3000	10000	1	RMS	6301.472	-51.04	-13	Pass	7000

1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

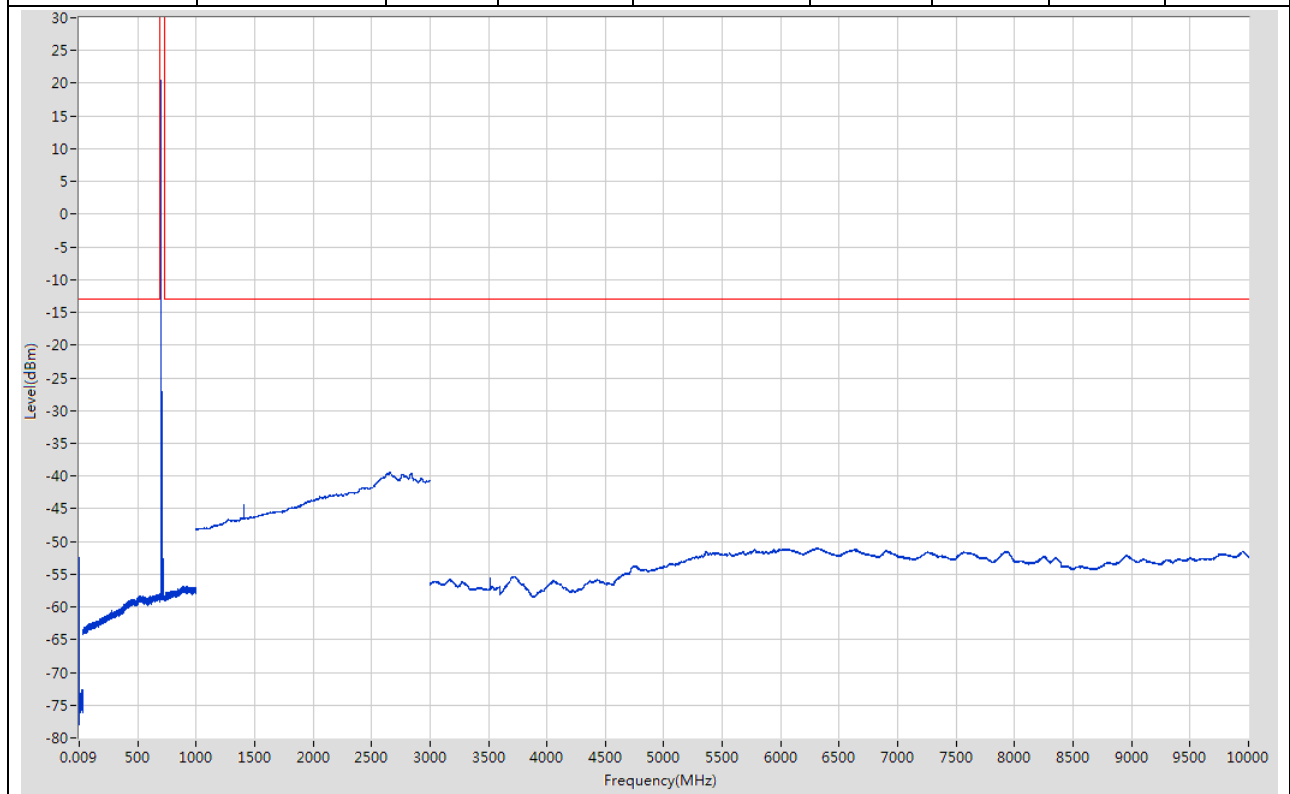| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.99	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.6	-13	Pass	2985
30	690	0.1	RMS	678.198	-58.08	-13	Pass	6600
690	725	0.1	RMS	699.567	19.39	60	Pass	601
725	1000	0.1	RMS	994.598	-56.86	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.42	-13	Pass	2000
3000	10000	1	RMS	6309.473	-51.05	-13	Pass	7000

1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

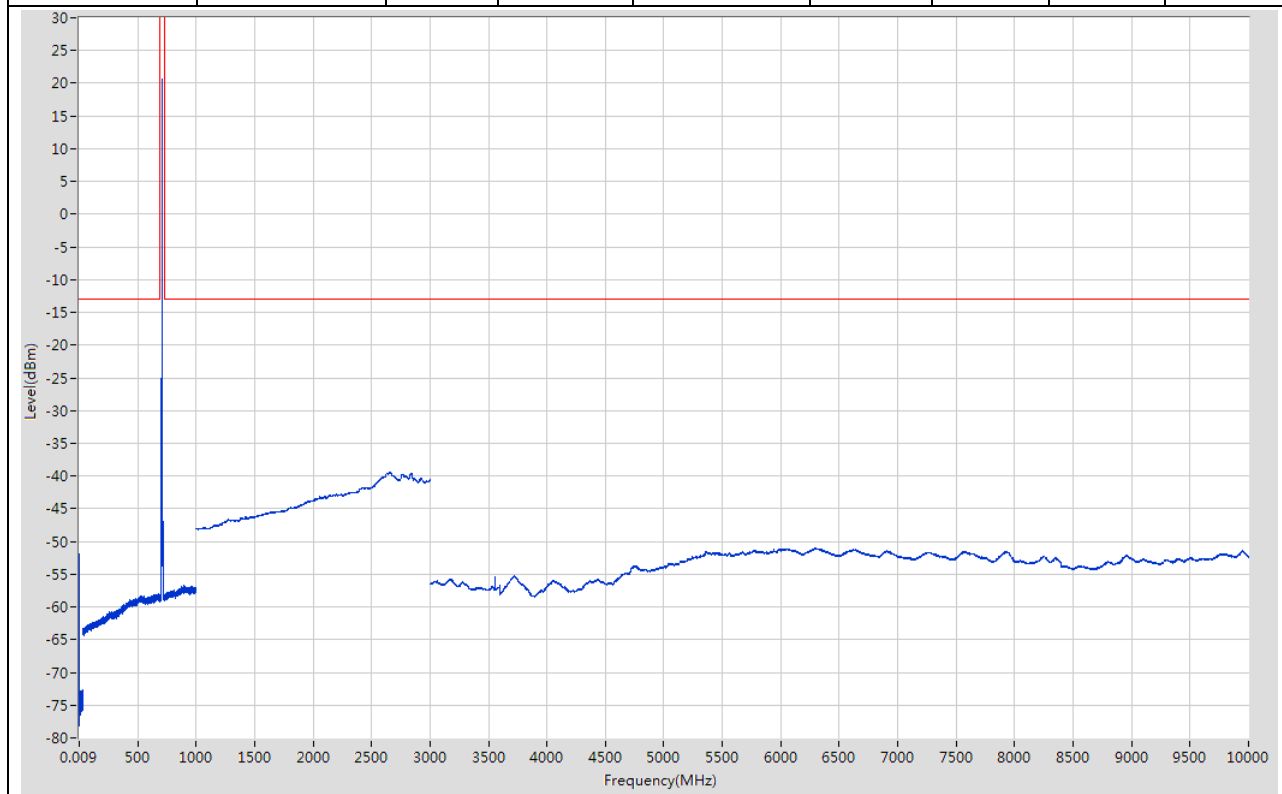| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.86	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.35	-13	Pass	2985
30	690	0.1	RMS	669.197	-58	-13	Pass	6600
690	725	0.1	RMS	708.433	19.44	60	Pass	601
725	1000	0.1	RMS	915.969	-56.8	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.45	-13	Pass	2000
3000	10000	1	RMS	6309.473	-51.06	-13	Pass	7000

1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

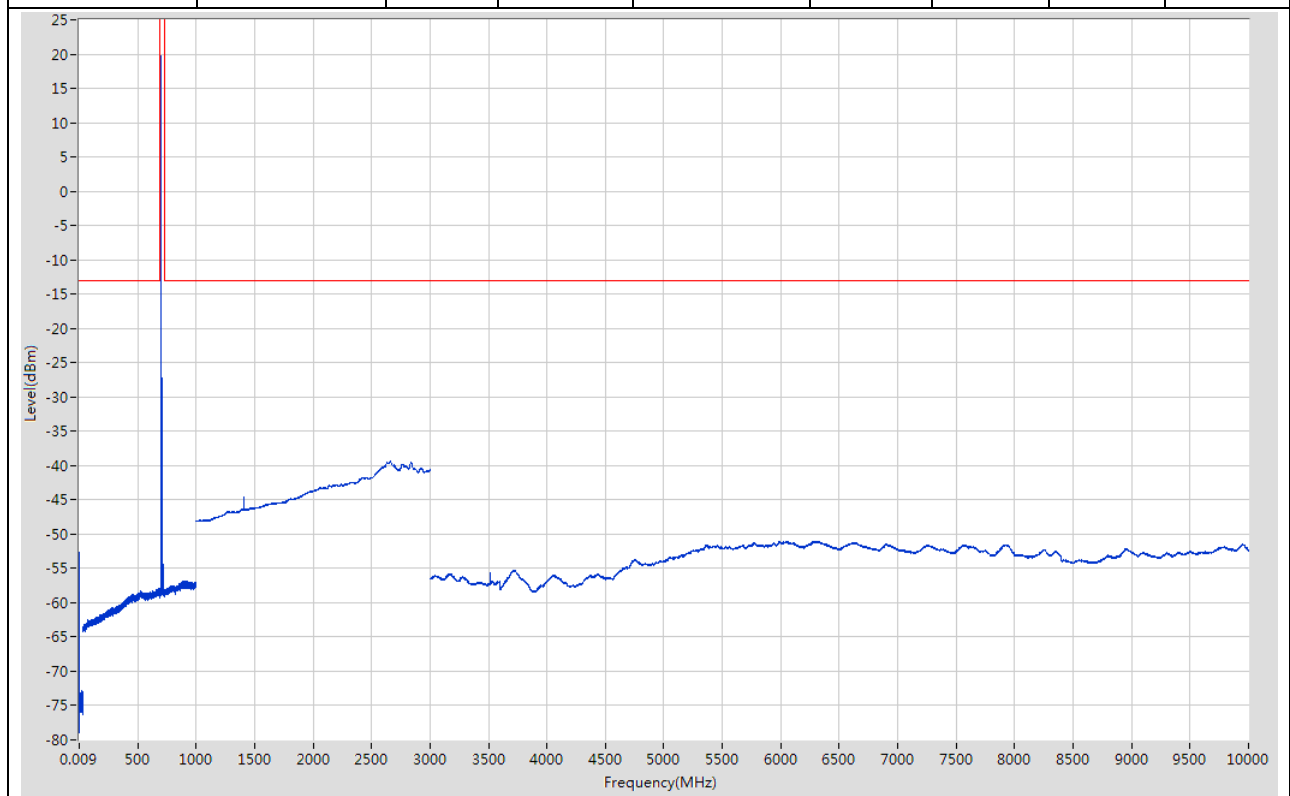| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.76	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.48	-13	Pass	2985
30	690	0.1	RMS	684.599	-57.94	-13	Pass	6600
690	725	0.1	RMS	703.067	20.36	60	Pass	601
725	1000	0.1	RMS	898.763	-56.88	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.43	-13	Pass	2000
3000	10000	1	RMS	6304.472	-51.02	-13	Pass	7000

1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

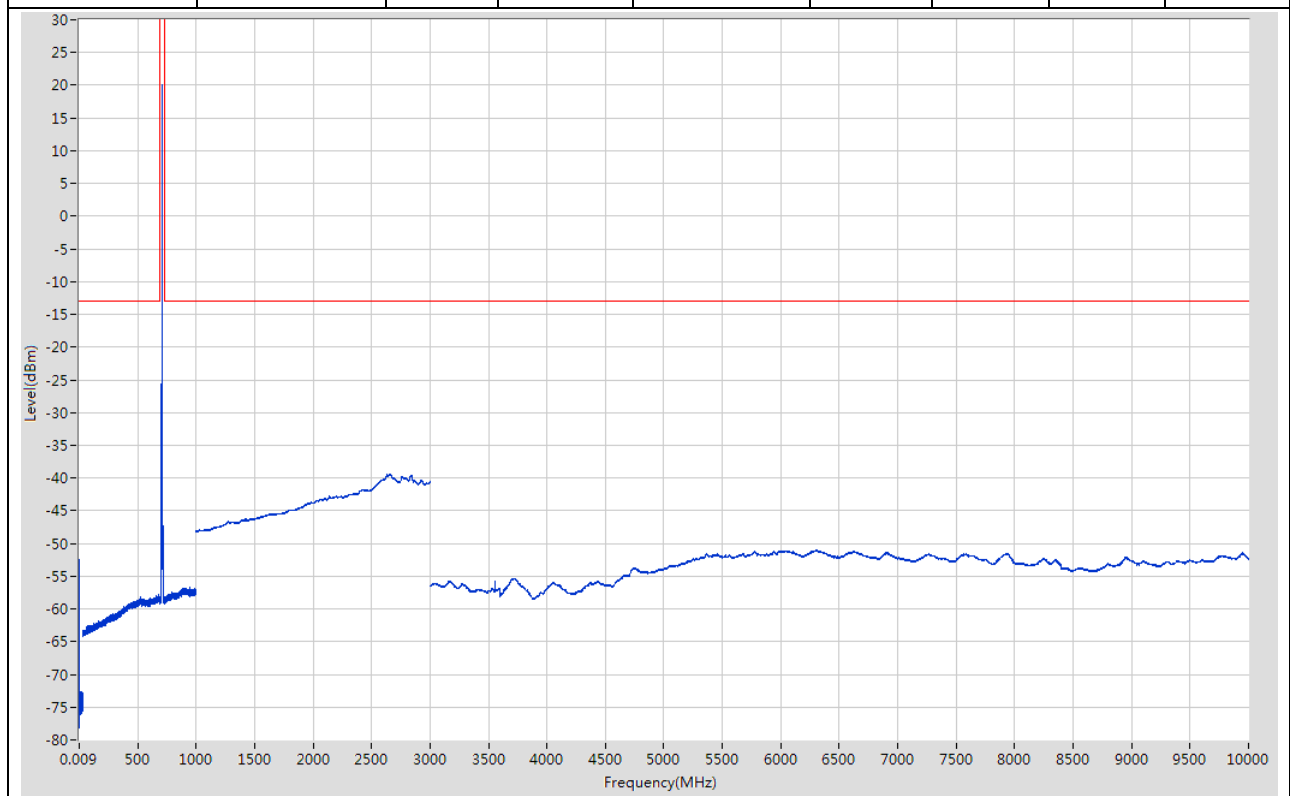| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.34	-13	Pass	601
0.15	30	0.01	RMS	0.15	-51.99	-13	Pass	2985
30	690	0.1	RMS	680.199	-57.93	-13	Pass	6600
690	725	0.1	RMS	711.933	20.56	60	Pass	601
725	1000	0.1	RMS	896.662	-56.77	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.43	-13	Pass	2000
3000	10000	1	RMS	6300.471	-50.99	-13	Pass	7000

1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

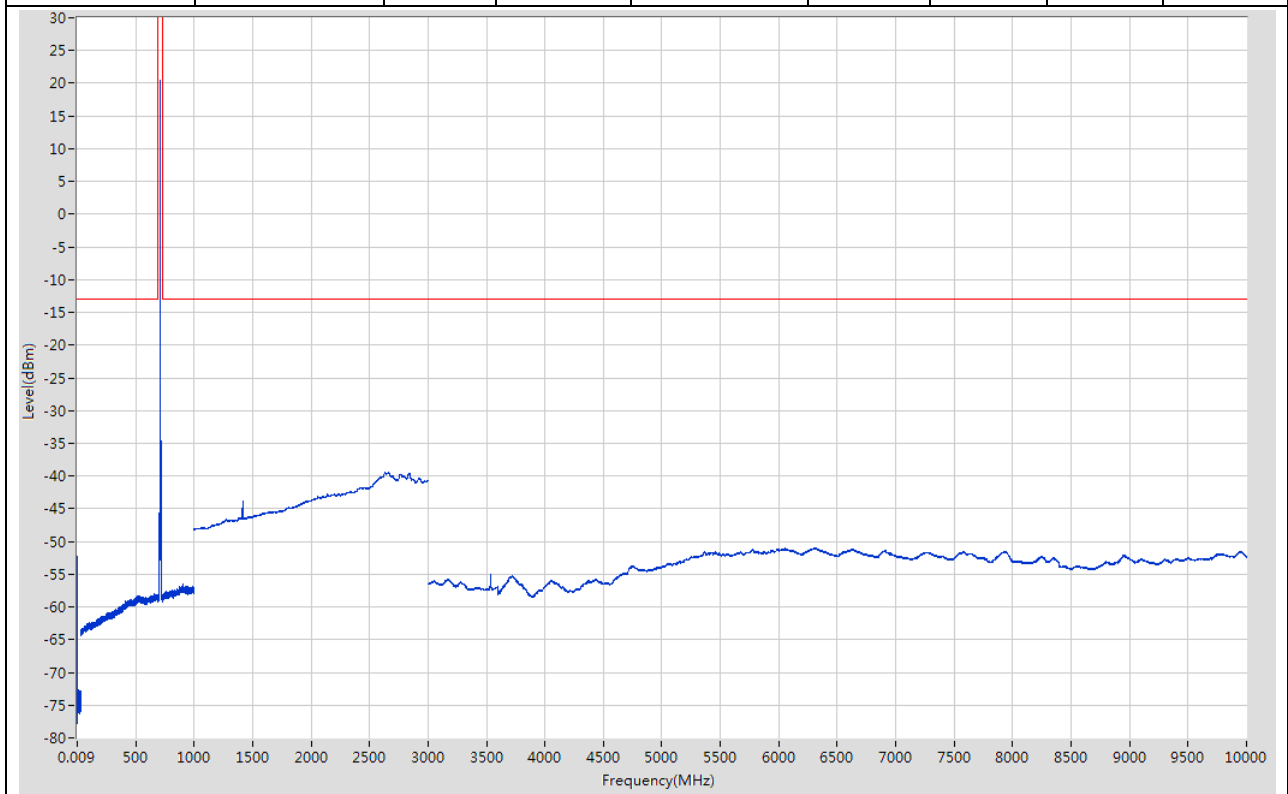| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-53.89	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.69	-13	Pass	2985
30	690	0.1	RMS	681.899	-57.94	-13	Pass	6600
690	725	0.1	RMS	703.067	19.7	60	Pass	601
725	1000	0.1	RMS	887.759	-56.83	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.4	-13	Pass	2000
3000	10000	1	RMS	6306.472	-51.02	-13	Pass	7000

1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

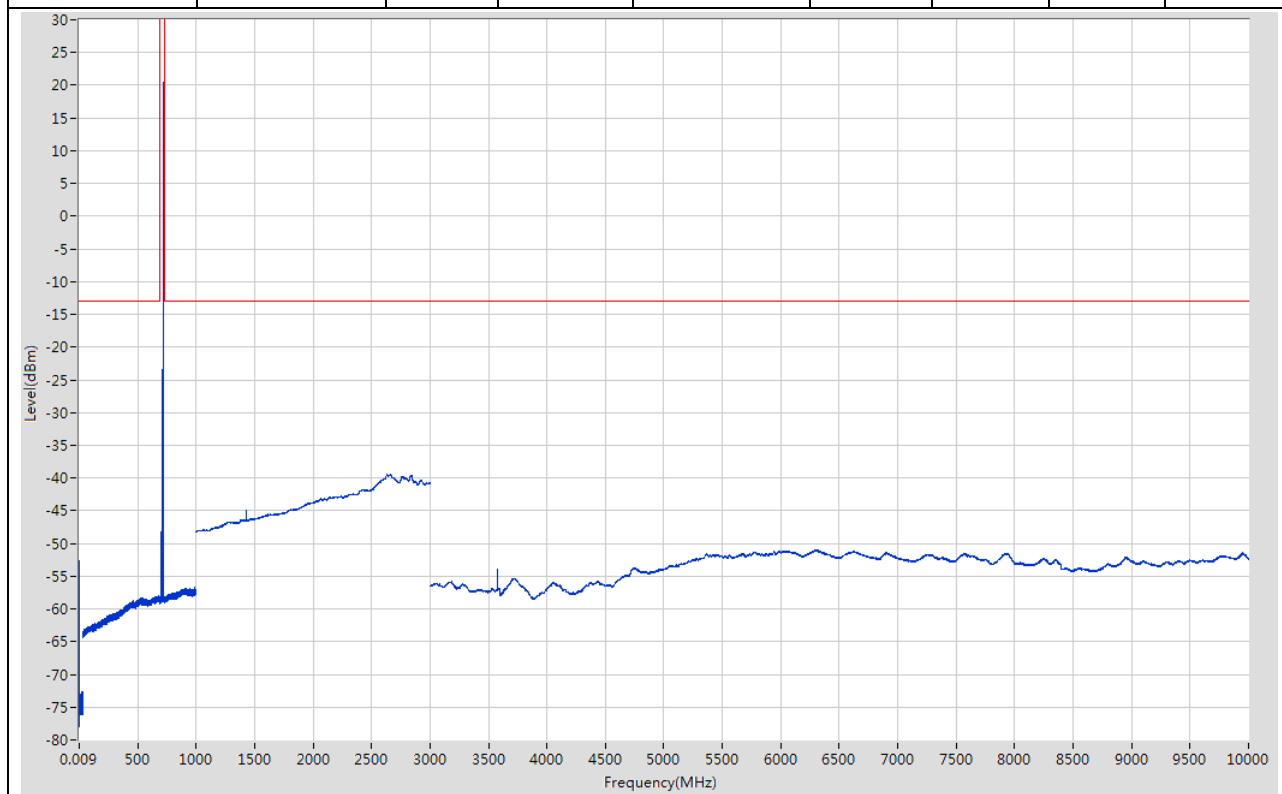| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.7	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.53	-13	Pass	2985
30	690	0.1	RMS	681.499	-57.82	-13	Pass	6600
690	725	0.1	RMS	711.933	20.1	60	Pass	601
725	1000	0.1	RMS	946.781	-56.73	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.42	-13	Pass	2000
3000	10000	1	RMS	6311.473	-51.03	-13	Pass	7000

1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

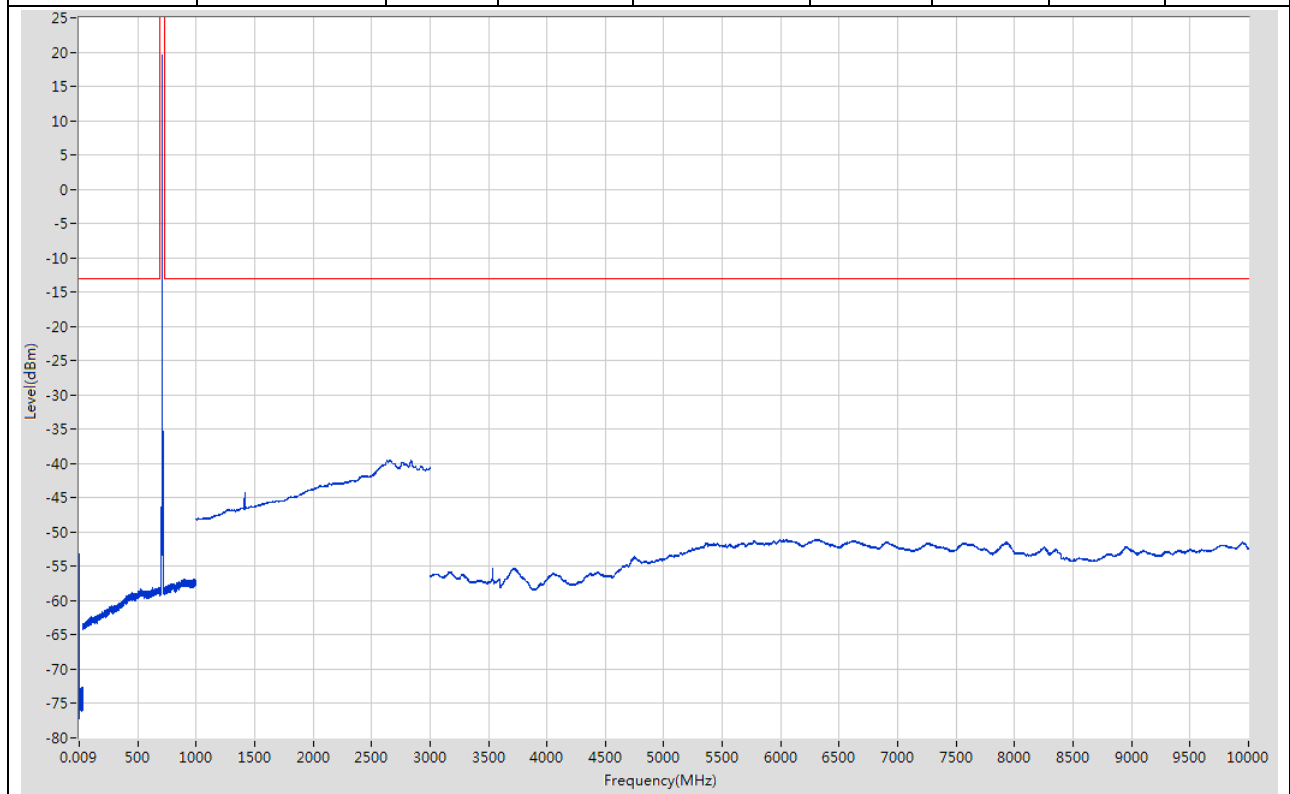| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-53.3	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.3	-13	Pass	2985
30	690	0.1	RMS	662.096	-57.97	-13	Pass	6600
690	725	0.1	RMS	706.567	20.51	60	Pass	601
725	1000	0.1	RMS	905.366	-56.56	-13	Pass	2750
1000	3000	1	RMS	2660.83	-39.43	-13	Pass	2000
3000	10000	1	RMS	6050.436	-50.99	-13	Pass	7000

1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

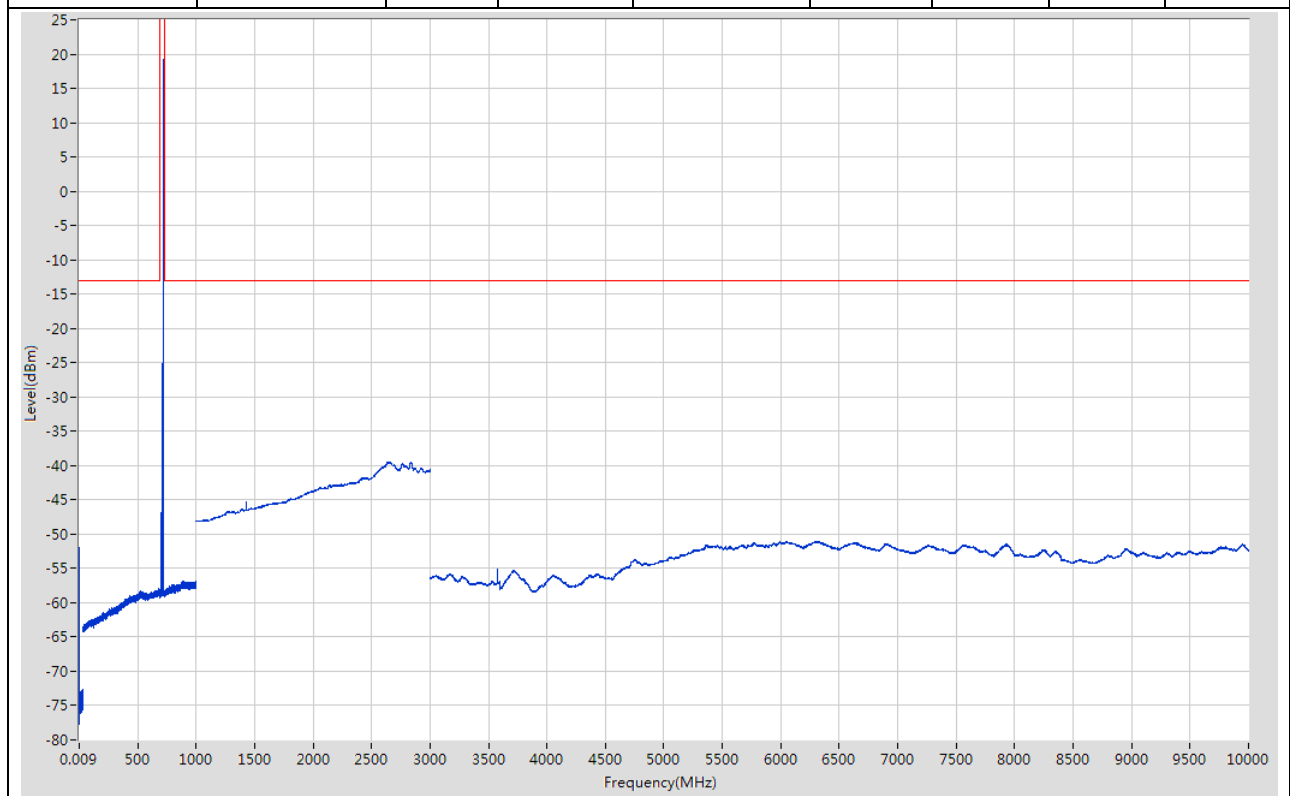| Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-53.95	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52.61	-13	Pass	2985
30	690	0.1	RMS	679.698	-57.92	-13	Pass	6600
690	725	0.1	RMS	715.433	20.47	60	Pass	601
725	1000	0.1	RMS	987.295	-56.76	-13	Pass	2750
1000	3000	1	RMS	2658.829	-39.43	-13	Pass	2000
3000	10000	1	RMS	6310.473	-51.03	-13	Pass	7000

1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:23130, 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	-54.25	-13	Pass	601
0.15	30	0.01	RMS	0.15	-53.12	-13	Pass	2985
30	690	0.1	RMS	681.199	-58.05	-13	Pass	6600
690	725	0.1	RMS	706.567	19.63	60	Pass	601
725	1000	0.1	RMS	989.396	-56.78	-13	Pass	2750
1000	3000	1	RMS	2659.83	-39.45	-13	Pass	2000
3000	10000	1	RMS	6295.471	-51	-13	Pass	7000

1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:23130, 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	-54.09	-13	Pass	601
0.15	30	0.01	RMS	0.15	-52	-13	Pass	2985
30	690	0.1	RMS	675.898	-57.88	-13	Pass	6600
690	725	0.1	RMS	715.433	19.26	60	Pass	601
725	1000	0.1	RMS	895.062	-56.79	-13	Pass	2750
1000	3000	1	RMS	2657.829	-39.44	-13	Pass	2000
3000	10000	1	RMS	6306.472	-51.02	-13	Pass	7000

END