

Out of band emission,Band Edge**FCC Part 27****LTE Band 4, Normal**

Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-20.74	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-25.12	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-21.86	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-26.49	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-21.41	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-24.90	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-22.81	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-27.82	See Graphs	Pass
3MHz_Low_QPSK_1@0	-20.66	See Graphs	Pass
3MHz_Low_QPSK_15@0	-20.75	See Graphs	Pass
3MHz_Low_16QAM_1@0	-21.59	See Graphs	Pass
3MHz_Low_16QAM_15@0	-22.54	See Graphs	Pass
3MHz_High_QPSK_1@14	-21.14	See Graphs	Pass
3MHz_High_QPSK_15@0	-26.30	See Graphs	Pass
3MHz_High_16QAM_1@14	-22.57	See Graphs	Pass
3MHz_High_16QAM_15@0	-26.62	See Graphs	Pass
5MHz_Low_QPSK_1@0	-19.48	See Graphs	Pass
5MHz_Low_QPSK_25@0	-21.82	See Graphs	Pass
5MHz_Low_16QAM_1@0	-21.03	See Graphs	Pass
5MHz_Low_16QAM_25@0	-22.94	See Graphs	Pass
5MHz_High_QPSK_1@24	-19.98	See Graphs	Pass
5MHz_High_QPSK_25@0	-27.41	See Graphs	Pass
5MHz_High_16QAM_1@24	-20.45	See Graphs	Pass
5MHz_High_16QAM_25@0	-28.57	See Graphs	Pass
10MHz_Low_QPSK_1@0	-33.61	See Graphs	Pass
10MHz_Low_QPSK_50@0	-24.27	See Graphs	Pass
10MHz_Low_16QAM_1@0	-34.39	See Graphs	Pass
10MHz_Low_16QAM_50@0	-26.34	See Graphs	Pass
10MHz_High_QPSK_1@49	-32.70	See Graphs	Pass
10MHz_High_QPSK_50@0	-31.23	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-34.80	See Graphs	Pass
10MHz_High_16QAM_50@0	-30.85	See Graphs	Pass
15MHz_Low_QPSK_1@0	-28.16	See Graphs	Pass
15MHz_Low_QPSK_75@0	-25.87	See Graphs	Pass
15MHz_Low_16QAM_1@0	-27.77	See Graphs	Pass
15MHz_Low_16QAM_75@0	-27.92	See Graphs	Pass
15MHz_High_QPSK_1@74	-26.43	See Graphs	Pass
15MHz_High_QPSK_75@0	-32.37	See Graphs	Pass
15MHz_High_16QAM_1@74	-28.04	See Graphs	Pass
15MHz_High_16QAM_75@0	-32.38	See Graphs	Pass
20MHz_Low_QPSK_1@0	-33.25	See Graphs	Pass
20MHz_Low_QPSK_100@0	-29.50	See Graphs	Pass
20MHz_Low_16QAM_1@0	-32.81	See Graphs	Pass
20MHz_Low_16QAM_100@0	-30.48	See Graphs	Pass
20MHz_High_QPSK_1@99	-33.52	See Graphs	Pass
20MHz_High_QPSK_100@0	-35.04	See Graphs	Pass
20MHz_High_16QAM_1@99	-32.06	See Graphs	Pass
20MHz_High_16QAM_100@0	-33.90	See Graphs	Pass

LTE Band 7, Normal

Mode	Result (dBm)	Limit	Verdict
5MHz_Low_QPSK_1@0	-23.93	See Graphs	Pass
5MHz_Low_QPSK_25@0	-25.44	See Graphs	Pass
5MHz_Low_16QAM_1@0	-24.02	See Graphs	Pass
5MHz_Low_16QAM_25@0	-24.38	See Graphs	Pass
5MHz_High_QPSK_1@24	-24.51	See Graphs	Pass
5MHz_High_QPSK_25@0	-28.26	See Graphs	Pass
5MHz_High_16QAM_1@24	-24.48	See Graphs	Pass
5MHz_High_16QAM_25@0	-28.24	See Graphs	Pass
10MHz_Low_QPSK_1@0	-33.72	See Graphs	Pass
10MHz_Low_QPSK_50@0	-27.15	See Graphs	Pass
10MHz_Low_16QAM_1@0	-33.00	See Graphs	Pass
10MHz_Low_16QAM_50@0	-26.61	See Graphs	Pass
10MHz_High_QPSK_1@49	-33.10	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_QPSK_50@0	-29.29	See Graphs	Pass
10MHz_High_16QAM_1@49	-32.32	See Graphs	Pass
10MHz_High_16QAM_50@0	-30.02	See Graphs	Pass
15MHz_Low_QPSK_1@0	-25.06	See Graphs	Pass
15MHz_Low_QPSK_75@0	-27.66	See Graphs	Pass
15MHz_Low_16QAM_1@0	-28.08	See Graphs	Pass
15MHz_Low_16QAM_75@0	-28.05	See Graphs	Pass
15MHz_High_QPSK_1@74	-27.62	See Graphs	Pass
15MHz_High_QPSK_75@0	-30.86	See Graphs	Pass
15MHz_High_16QAM_1@74	-27.23	See Graphs	Pass
15MHz_High_16QAM_75@0	-31.63	See Graphs	Pass
20MHz_Low_QPSK_1@0	-30.72	See Graphs	Pass
20MHz_Low_QPSK_100@0	-29.23	See Graphs	Pass
20MHz_Low_16QAM_1@0	-29.69	See Graphs	Pass
20MHz_Low_16QAM_100@0	-29.15	See Graphs	Pass
20MHz_High_QPSK_1@99	-32.21	See Graphs	Pass
20MHz_High_QPSK_100@0	-31.16	See Graphs	Pass
20MHz_High_16QAM_1@99	-32.06	See Graphs	Pass
20MHz_High_16QAM_100@0	-31.72	See Graphs	Pass

LTE Band 38, Normal

Mode	Result (dBm)	Limit	Verdict
5MHz_Low_QPSK_1@0	-17.09	See Graphs	Pass
5MHz_Low_QPSK_25@0	-25.39	See Graphs	Pass
5MHz_Low_16QAM_1@0	-17.61	See Graphs	Pass
5MHz_Low_16QAM_25@0	-24.81	See Graphs	Pass
5MHz_High_QPSK_1@24	-16.03	See Graphs	Pass
5MHz_High_QPSK_25@0	-27.09	See Graphs	Pass
5MHz_High_16QAM_1@24	-18.36	See Graphs	Pass
5MHz_High_16QAM_25@0	-27.60	See Graphs	Pass
10MHz_Low_QPSK_1@0	-16.59	See Graphs	Pass
10MHz_Low_QPSK_50@0	-26.24	See Graphs	Pass
10MHz_Low_16QAM_1@0	-22.13	See Graphs	Pass
10MHz_Low_16QAM_50@0	-27.68	See Graphs	Pass
10MHz_High_QPSK_1@49	-21.13	See Graphs	Pass
10MHz_High_QPSK_50@0	-28.65	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-24.27	See Graphs	Pass
10MHz_High_16QAM_50@0	-31.14	See Graphs	Pass
15MHz_Low_QPSK_1@0	-19.43	See Graphs	Pass
15MHz_Low_QPSK_75@0	-26.19	See Graphs	Pass
15MHz_Low_16QAM_1@0	-20.65	See Graphs	Pass
15MHz_Low_16QAM_75@0	-25.82	See Graphs	Pass
15MHz_High_QPSK_1@74	-22.72	See Graphs	Pass
15MHz_High_QPSK_75@0	-28.41	See Graphs	Pass
15MHz_High_16QAM_1@74	-20.31	See Graphs	Pass
15MHz_High_16QAM_75@0	-28.26	See Graphs	Pass
20MHz_Low_QPSK_1@0	-24.04	See Graphs	Pass
20MHz_Low_QPSK_100@0	-27.07	See Graphs	Pass
20MHz_Low_16QAM_1@0	-21.46	See Graphs	Pass
20MHz_Low_16QAM_100@0	-28.43	See Graphs	Pass
20MHz_High_QPSK_1@99	-20.51	See Graphs	Pass
20MHz_High_QPSK_100@0	-28.29	See Graphs	Pass
20MHz_High_16QAM_1@99	-22.90	See Graphs	Pass
20MHz_High_16QAM_100@0	-29.61	See Graphs	Pass

LTE Band 41, Normal

Mode	Result (dBm)	Limit	Verdict
5MHz_Low_QPSK_1@0	-16.15	See Graphs	Pass
5MHz_Low_QPSK_25@0	-22.55	See Graphs	Pass
5MHz_Low_16QAM_1@0	-13.11	See Graphs	Pass
5MHz_Low_16QAM_25@0	-23.89	See Graphs	Pass
5MHz_High_QPSK_1@24	-17.84	See Graphs	Pass
5MHz_High_QPSK_25@0	-21.65	See Graphs	Pass
5MHz_High_16QAM_1@24	-17.08	See Graphs	Pass
5MHz_High_16QAM_25@0	-17.96	See Graphs	Pass
10MHz_Low_QPSK_1@0	-16.57	See Graphs	Pass
10MHz_Low_QPSK_50@0	-26.36	See Graphs	Pass
10MHz_Low_16QAM_1@0	-15.39	See Graphs	Pass
10MHz_Low_16QAM_50@0	-23.46	See Graphs	Pass
10MHz_High_QPSK_1@49	-15.42	See Graphs	Pass
10MHz_High_QPSK_50@0	-25.02	See Graphs	Pass
10MHz_High_16QAM_1@49	-18.78	See Graphs	Pass
10MHz_High_16QAM_50@0	-20.50	See Graphs	Pass
15MHz_Low_QPSK_1@0	-14.96	See Graphs	Pass
15MHz_Low_QPSK_75@0	-25.29	See Graphs	Pass
15MHz_Low_16QAM_1@0	-17.45	See Graphs	Pass
15MHz_Low_16QAM_75@0	-23.15	See Graphs	Pass
15MHz_High_QPSK_1@74	-18.17	See Graphs	Pass
15MHz_High_QPSK_75@0	-25.65	See Graphs	Pass
15MHz_High_16QAM_1@74	-15.99	See Graphs	Pass
15MHz_High_16QAM_75@0	-22.23	See Graphs	Pass
20MHz_Low_QPSK_1@0	-18.87	See Graphs	Pass
20MHz_Low_QPSK_100@0	-26.08	See Graphs	Pass
20MHz_Low_16QAM_1@0	-17.80	See Graphs	Pass
20MHz_Low_16QAM_100@0	-24.29	See Graphs	Pass
20MHz_High_QPSK_1@99	-17.00	See Graphs	Pass
20MHz_High_QPSK_100@0	-27.40	See Graphs	Pass
20MHz_High_16QAM_1@99	-15.59	See Graphs	Pass
20MHz_High_16QAM_100@0	-26.00	See Graphs	Pass

Duty Cycle**FCC Part 27**

LTE Band 38, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.993	5.001	59.85	2.23
5MHz_Middle_16QAM_25@0	2.993	5.001	59.85	2.23
10MHz_Middle_QPSK_50@0	2.996	5.001	59.90	2.23
10MHz_Middle_16QAM_50@0	2.996	5.001	59.90	2.23
15MHz_Middle_QPSK_75@0	2.996	5.001	59.90	2.23
15MHz_Middle_16QAM_75@0	2.996	5.001	59.90	2.23
20MHz_Middle_QPSK_100@0	2.993	5.001	59.85	2.23
20MHz_Middle_16QAM_100@0	2.993	5.001	59.85	2.23

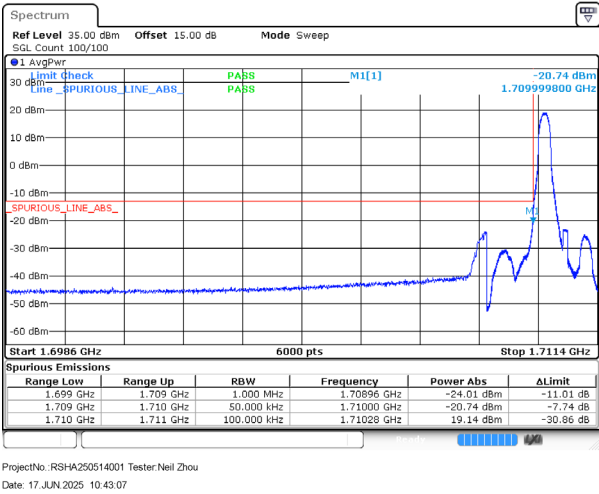
LTE Band 41, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.993	5.001	59.85	2.23
5MHz_Middle_16QAM_25@0	2.996	5.001	59.90	2.23
10MHz_Middle_QPSK_50@0	2.993	5.000	59.86	2.23
10MHz_Middle_16QAM_50@0	2.996	5.001	59.90	2.23
15MHz_Middle_QPSK_75@0	2.996	5.001	59.90	2.23
15MHz_Middle_16QAM_75@0	2.996	5.001	59.90	2.23
20MHz_Middle_QPSK_100@0	2.993	5.001	59.85	2.23
20MHz_Middle_16QAM_100@0	2.993	5.001	59.85	2.23

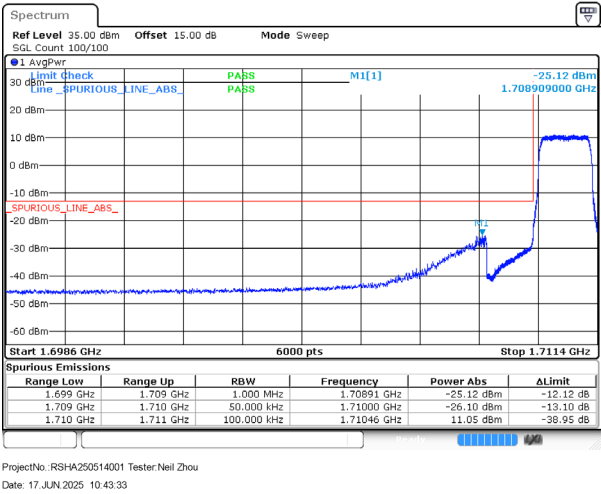
Duty Cycle = Ton/(Ton+Toff)*100%

LTE Band 4, Normal

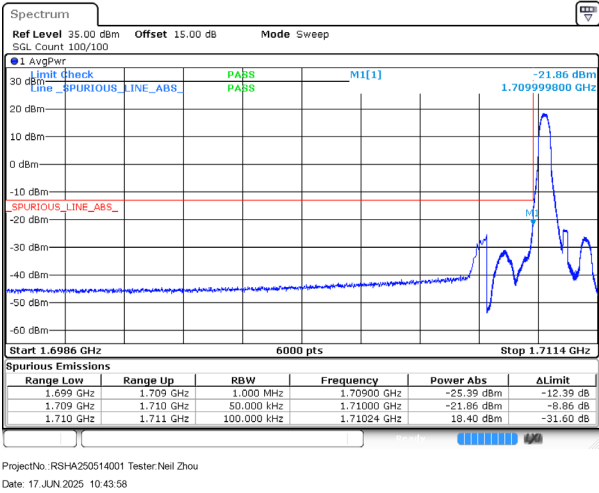
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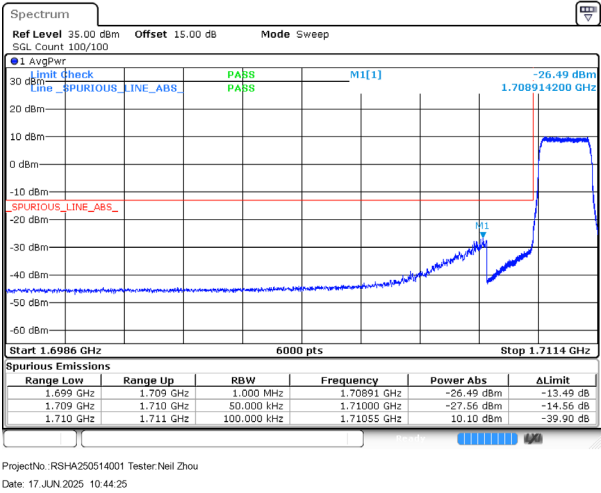
1.4MHz_Low_QPSK_6@0



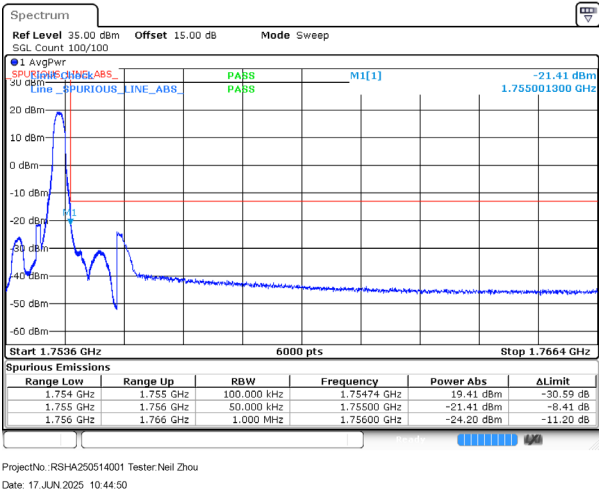
1.4MHz_Low_16QAM_1@0



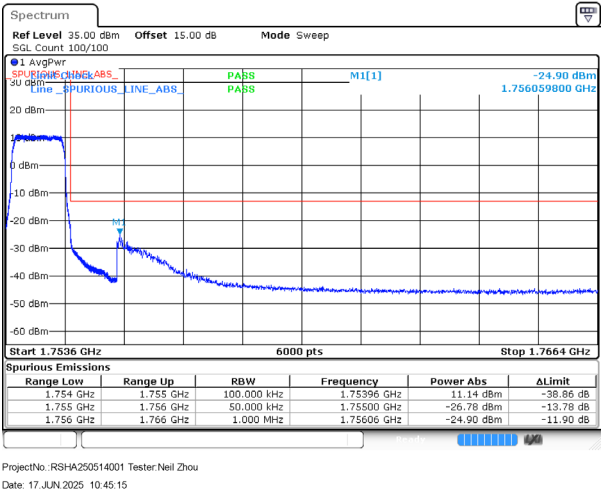
1.4MHz_Low_16QAM_6@0



1.4MHz_High_QPSK_1@5

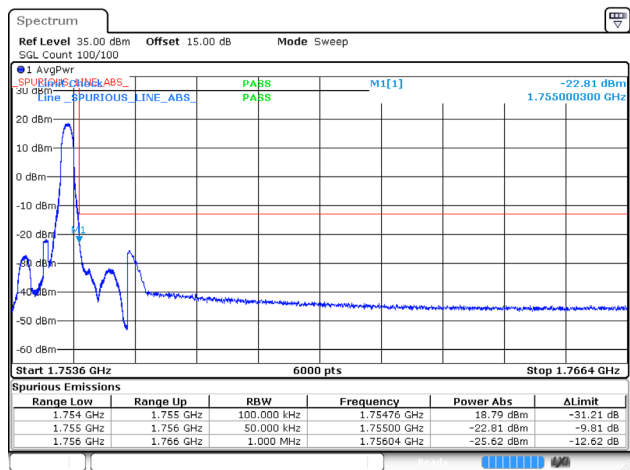


1.4MHz_High_QPSK_6@0

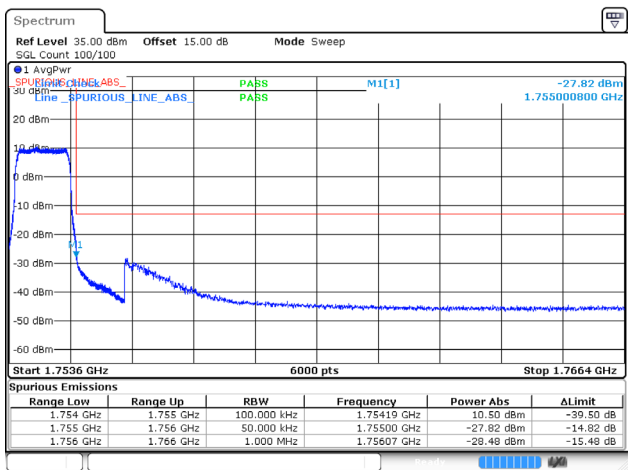


1.4MHz_High_16QAM_1@5

1.4MHz_High_16QAM_6@0



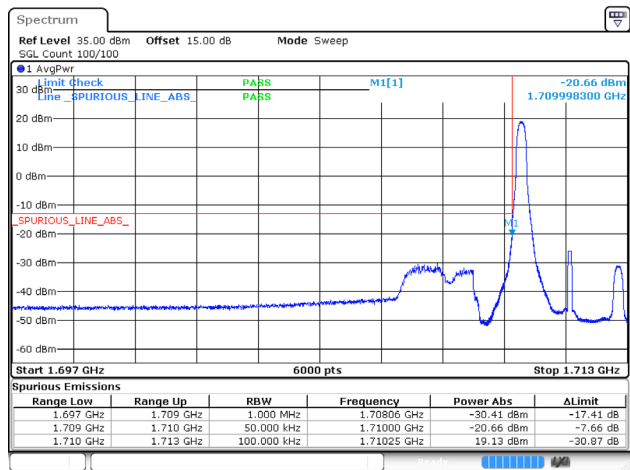
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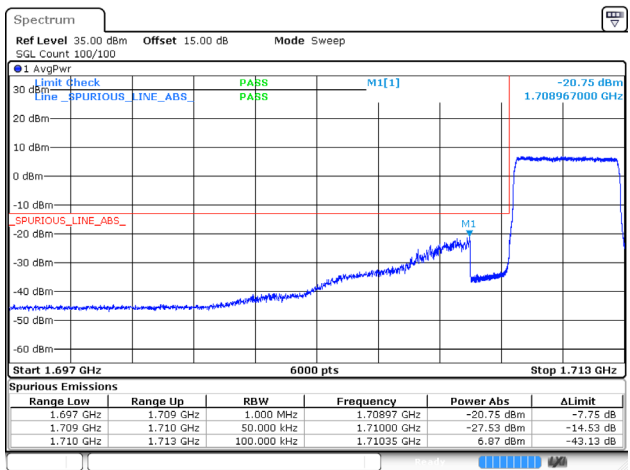
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3MHz_Low_QPSK_1@0

3MHz_Low_QPSK_15@0



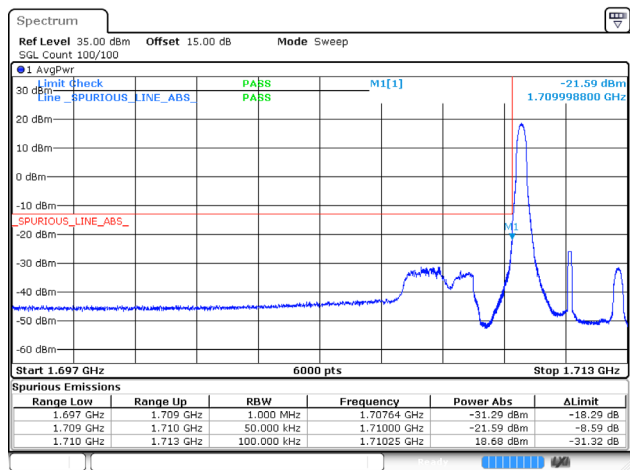
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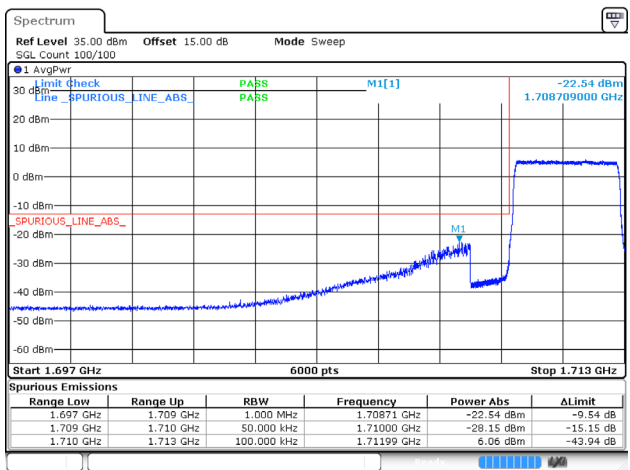
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3MHz_Low_16QAM_1@0

3MHz_Low_16QAM_15@0

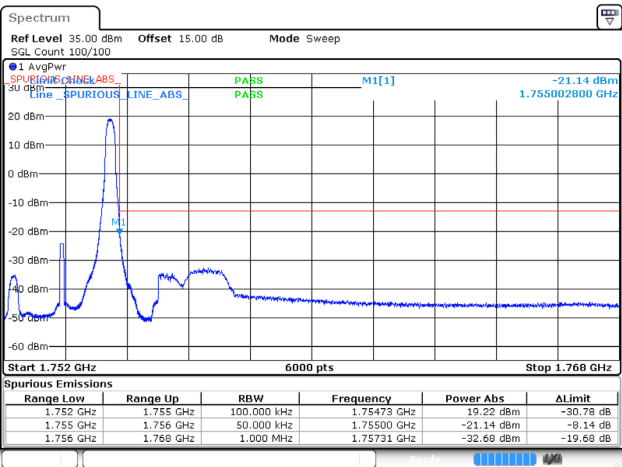


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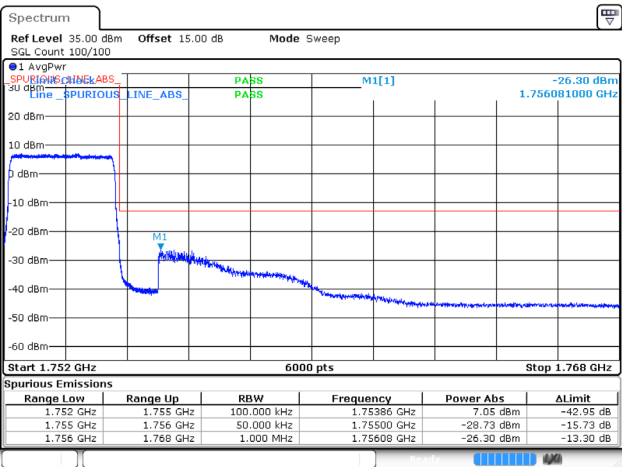
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3MHz_High_QPSK_1@14



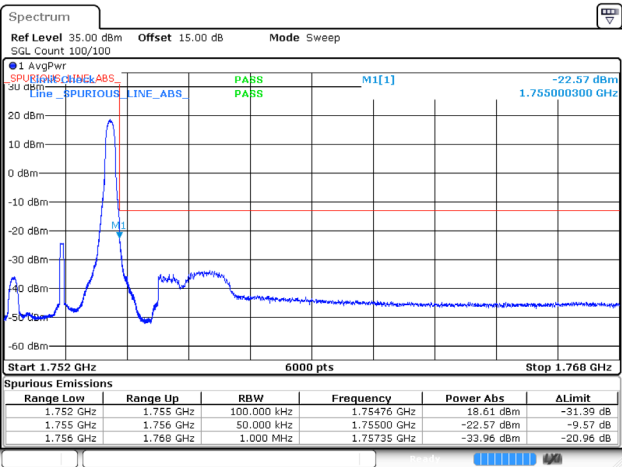
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3MHz_High_QPSK_15@0



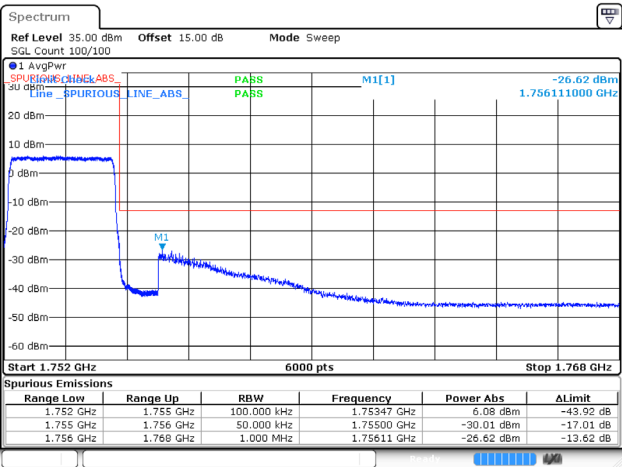
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3MHz_High_16QAM_1@14



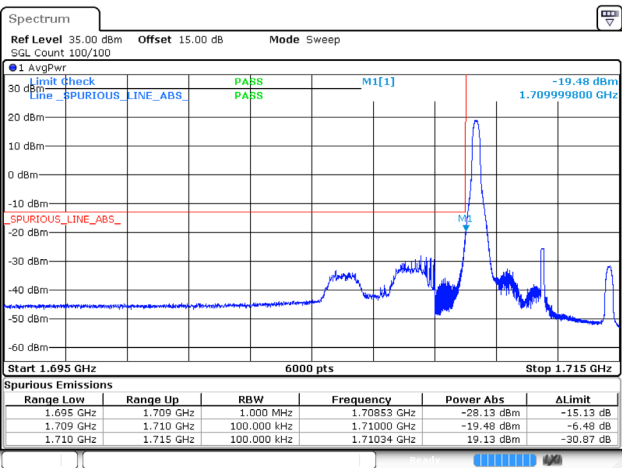
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3MHz_High_16QAM_15@0



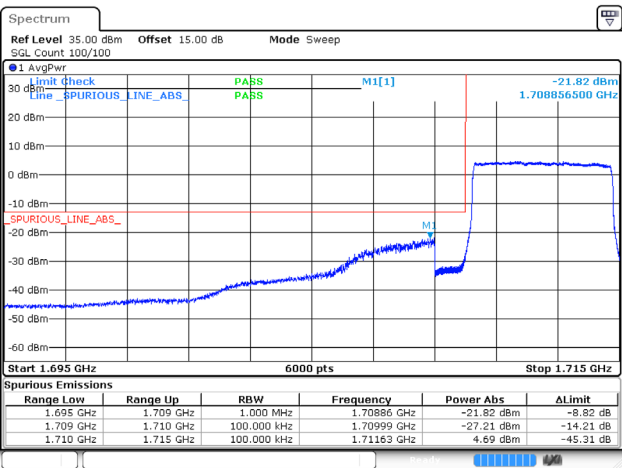
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5MHz_Low_QPSK_1@0



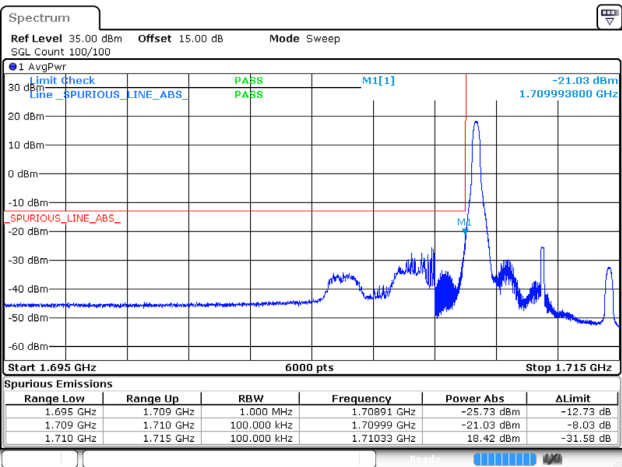
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5MHz_Low_QPSK_25@0



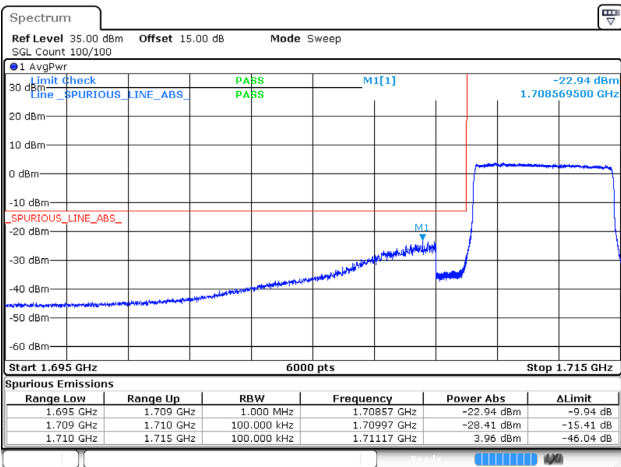
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5MHz_Low_16QAM_1@0



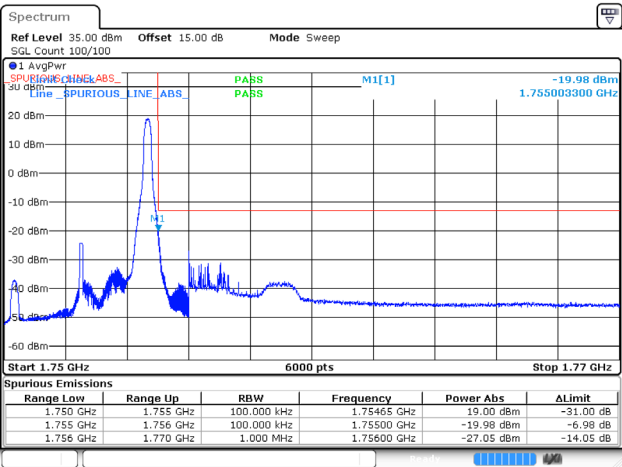
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5MHz_Low_16QAM_25@0



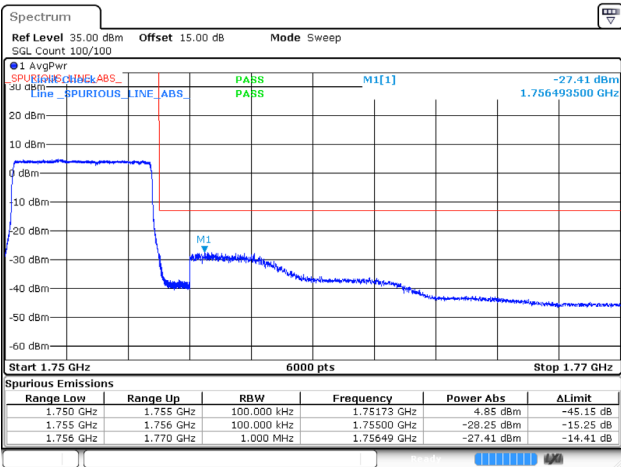
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5MHz_High_QPSK_1@24



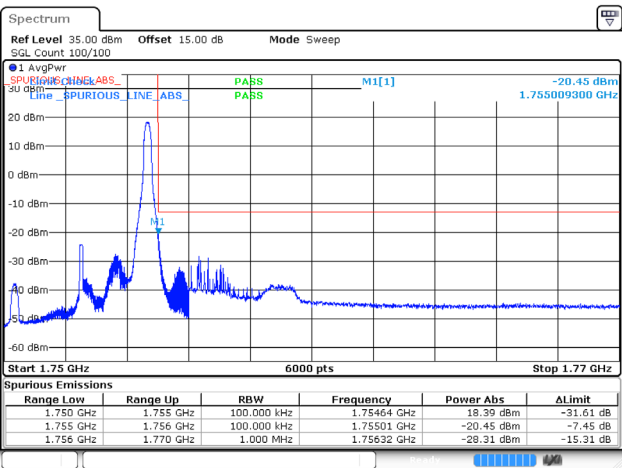
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5MHz_High_QPSK_25@0



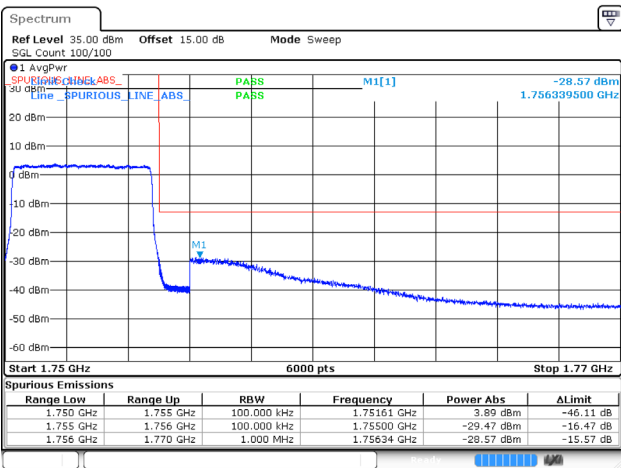
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5MHz_High_16QAM_1@24



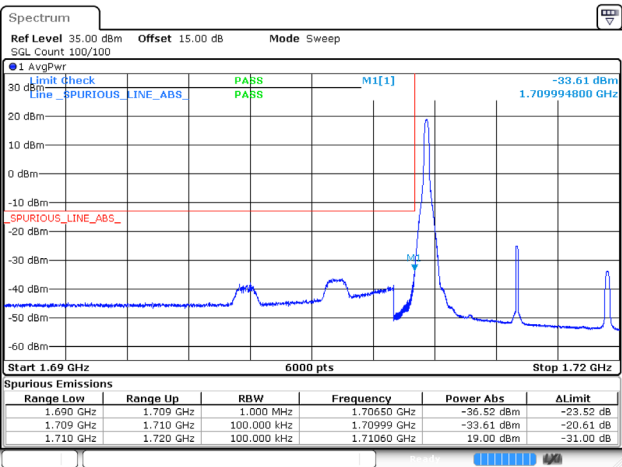
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5MHz_High_16QAM_25@0



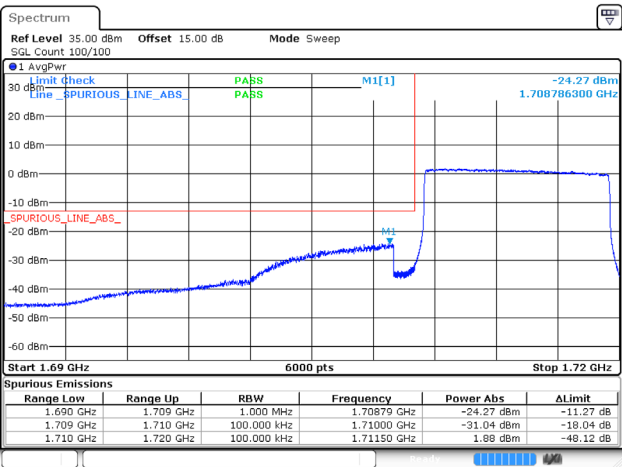
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10MHz_Low_QPSK_1@0



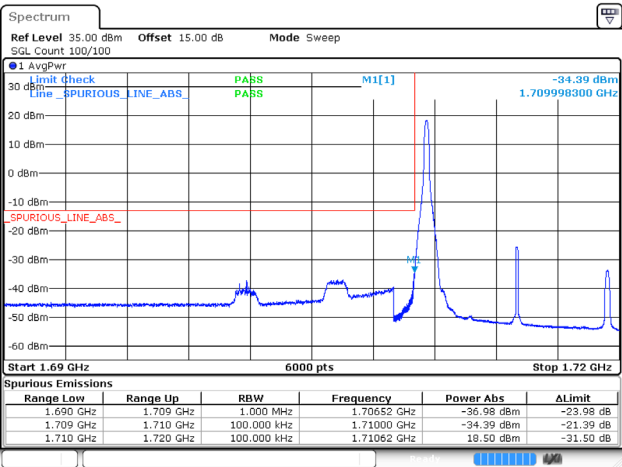
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10MHz_Low_QPSK_50@0



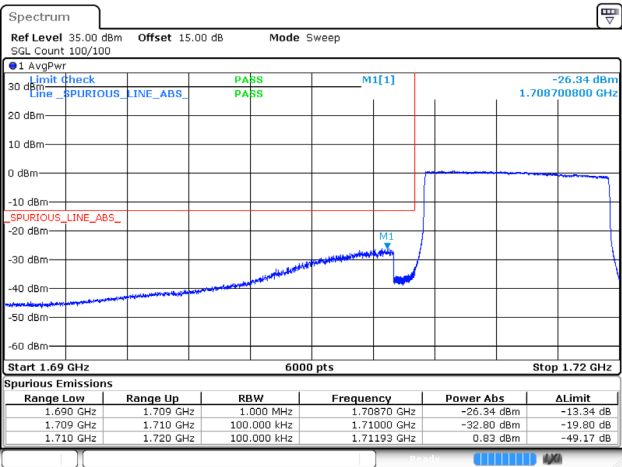
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10MHz_Low_16QAM_1@0



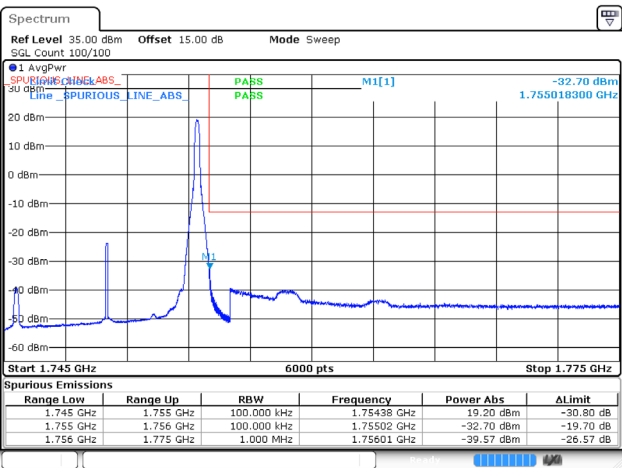
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10MHz_Low_16QAM_50@0



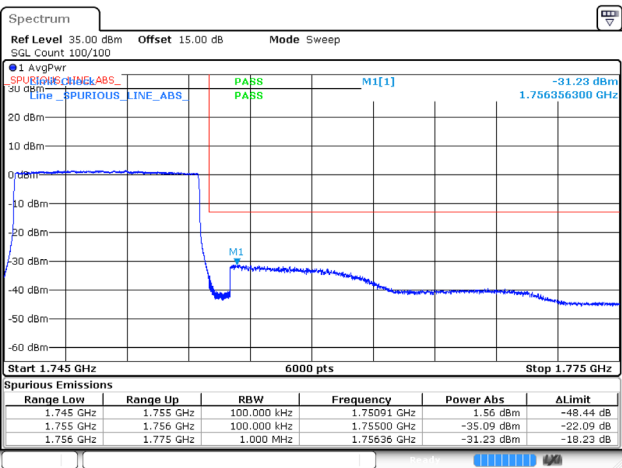
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10MHz_High_QPSK_1@49



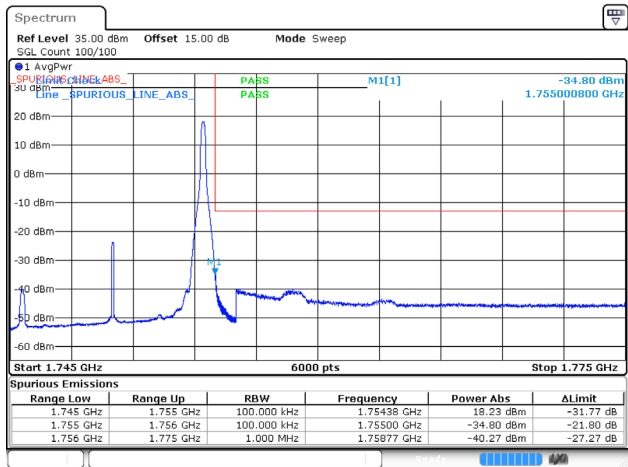
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Date: 17 JUN 2025 11:07:23

10MHz_High_QPSK_50@0



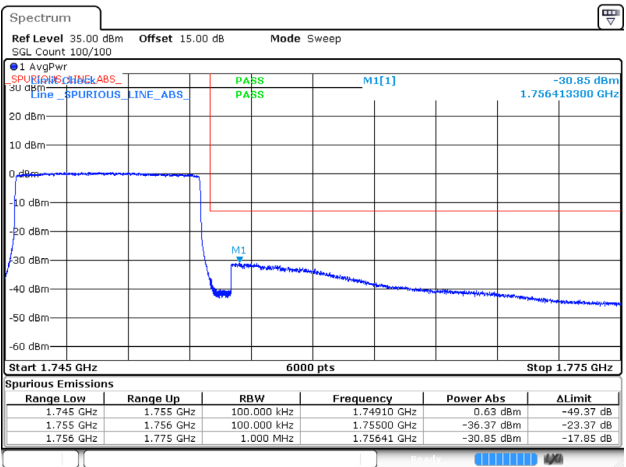
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:08:03

10MHz_High_16QAM_1@49



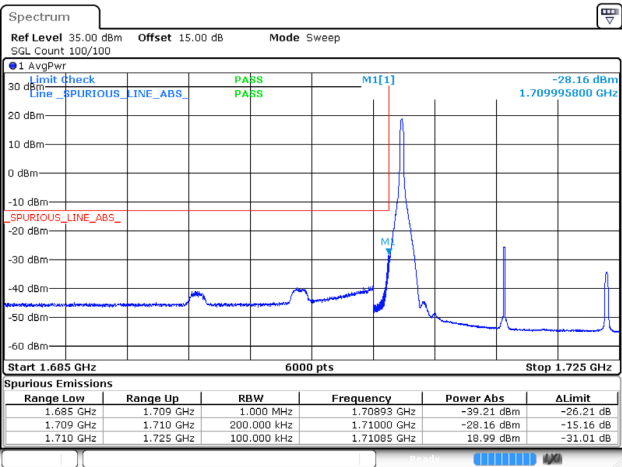
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:08:42

10MHz_High_16QAM_50@0



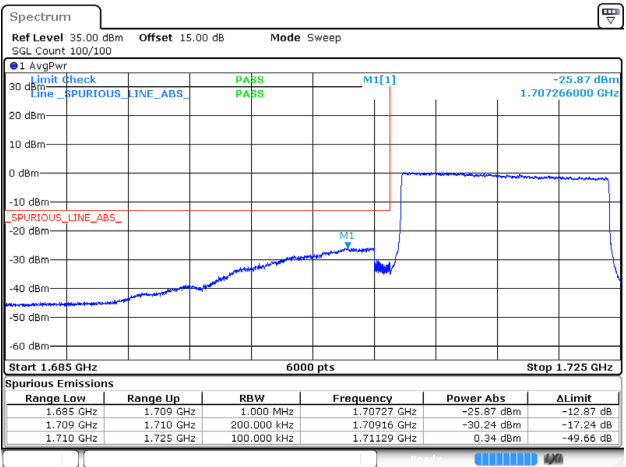
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:09:21

15MHz_Low_QPSK_1@0



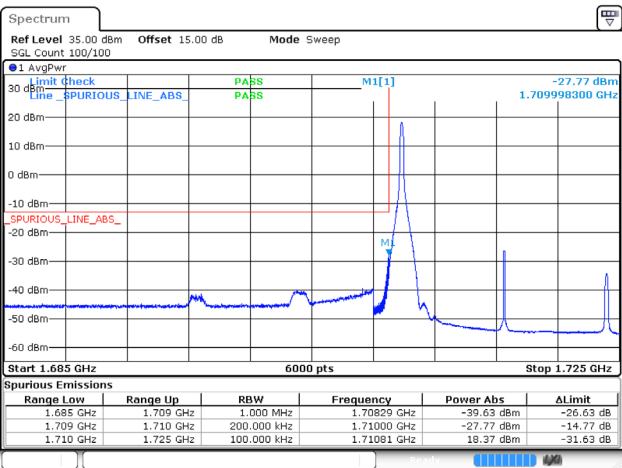
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:13:24

15MHz_Low_QPSK_75@0



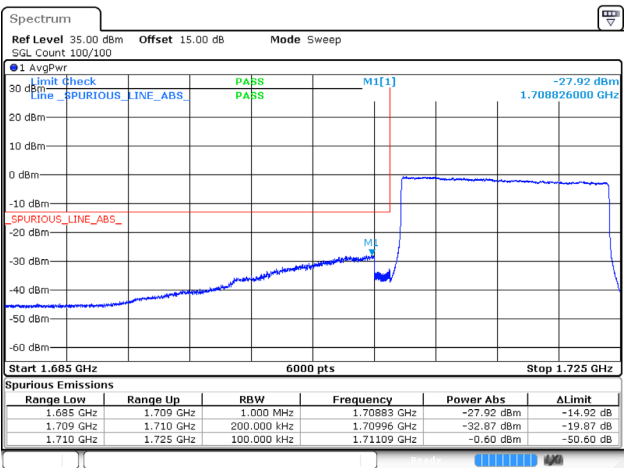
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:14:12

15MHz_Low_16QAM_1@0



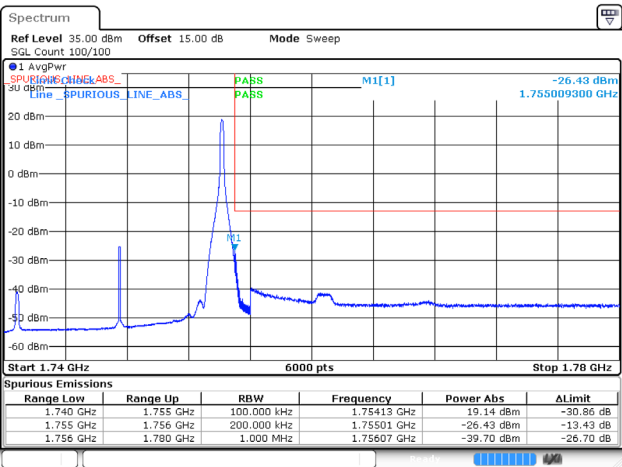
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:15:00

15MHz_Low_16QAM_75@0



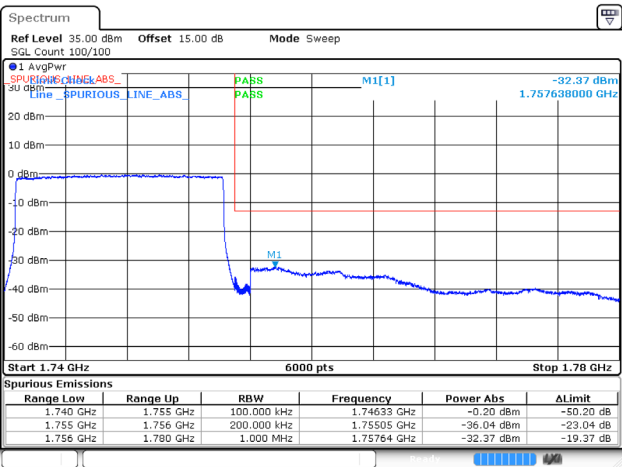
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:15:48

15MHz_High_QPSK_1@74



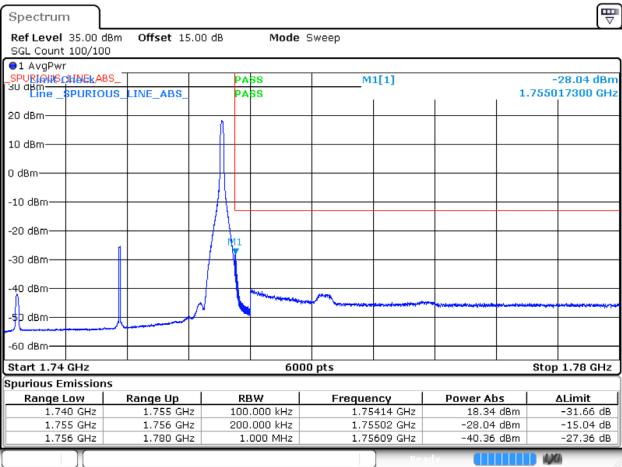
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:16:36

15MHz_High_QPSK_75@0



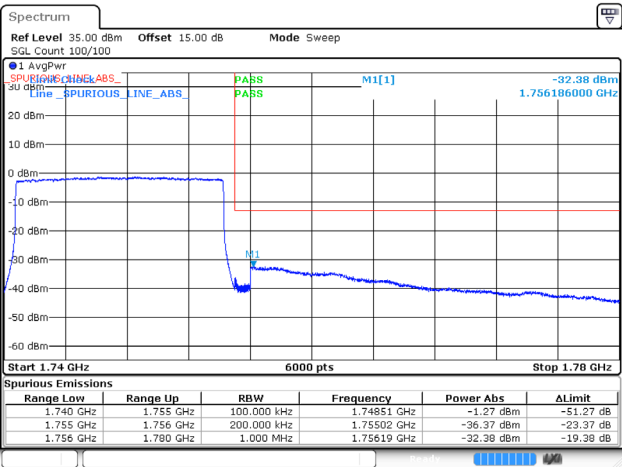
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:17:25

15MHz_High_16QAM_1@74



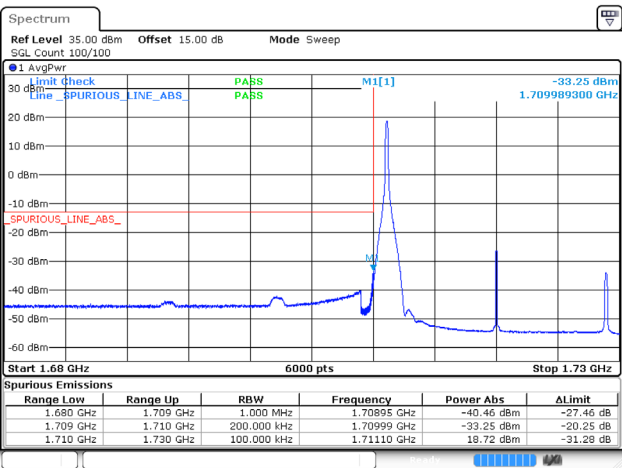
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:16:12

15MHz_High_16QAM_75@0



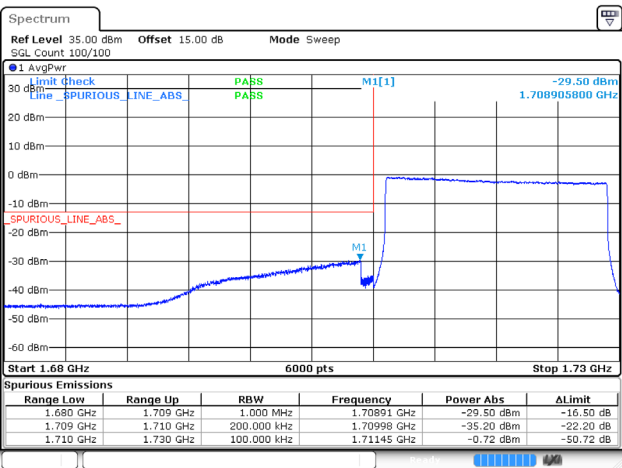
ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:19:02

20MHz_Low_QPSK_1@0



ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:22:02

20MHz_Low_QPSK_100@0



ProjectNo: RSHA250514001 Tester:Neil Zhou
Date: 17 JUN 2025 11:23:01