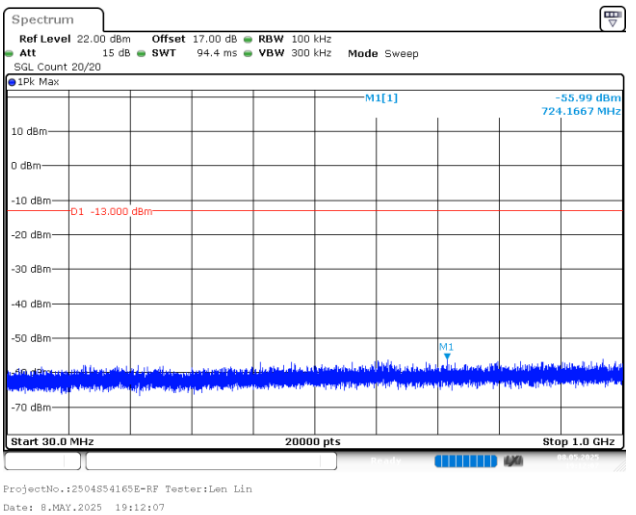
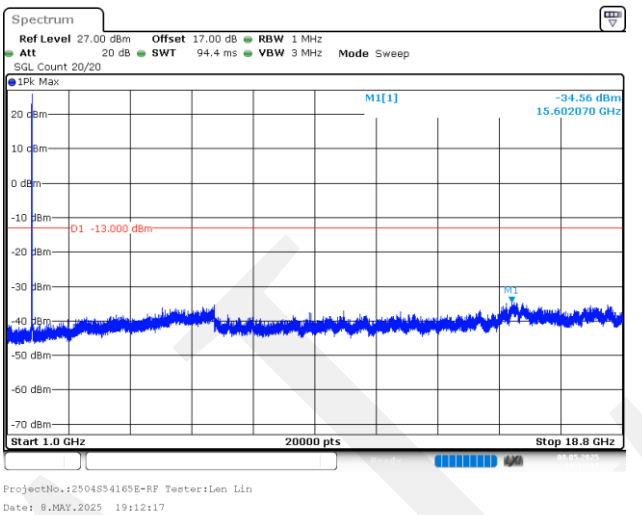
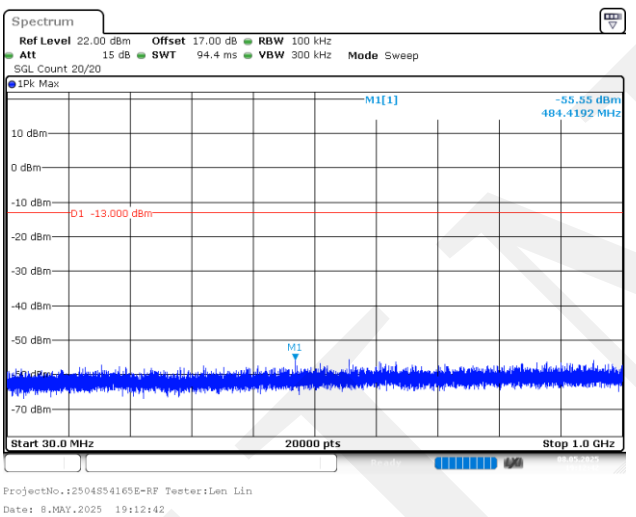
10MHz_Low_QPSK_1@0(30MHz~1GHz)



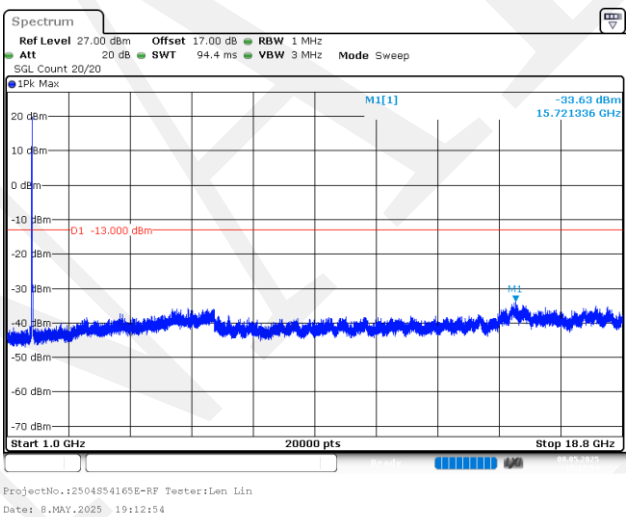
10MHz_Low_QPSK_1@0(1GHz~18.8GHz)



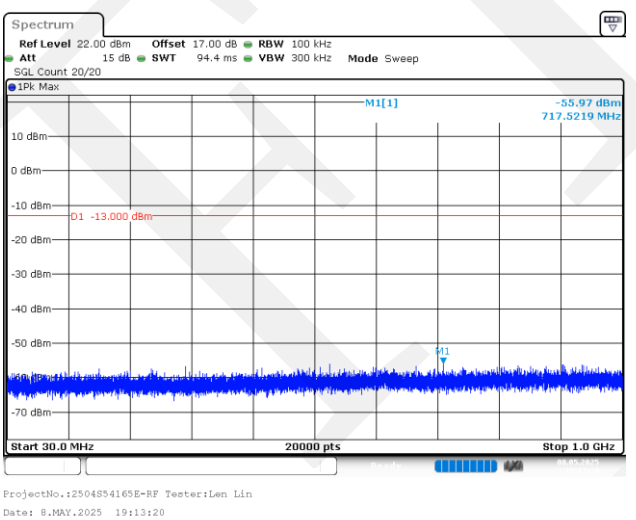
10MHz_Low_QPSK_50@0(30MHz~1GHz)



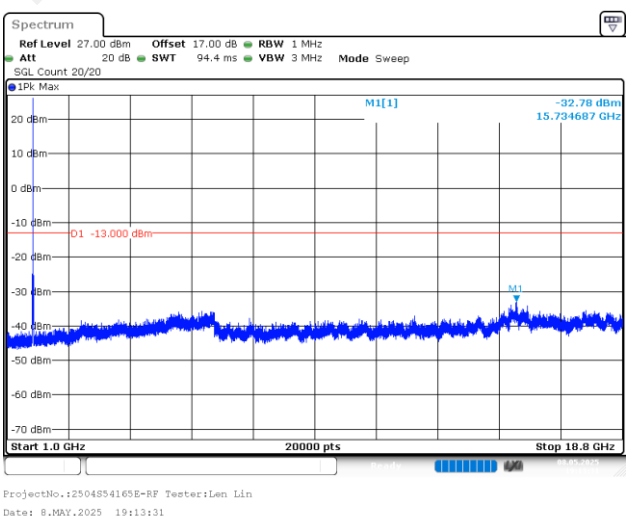
10MHz_Low_QPSK_50@0(1GHz~18.8GHz)



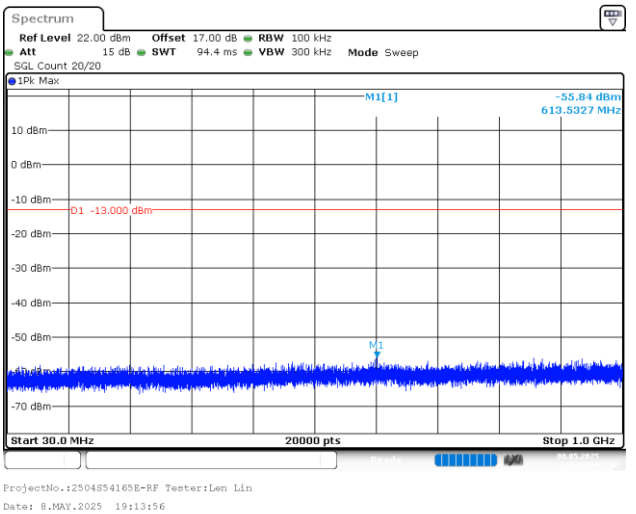
10MHz_Middle_QPSK_1@0(30MHz~1GHz)



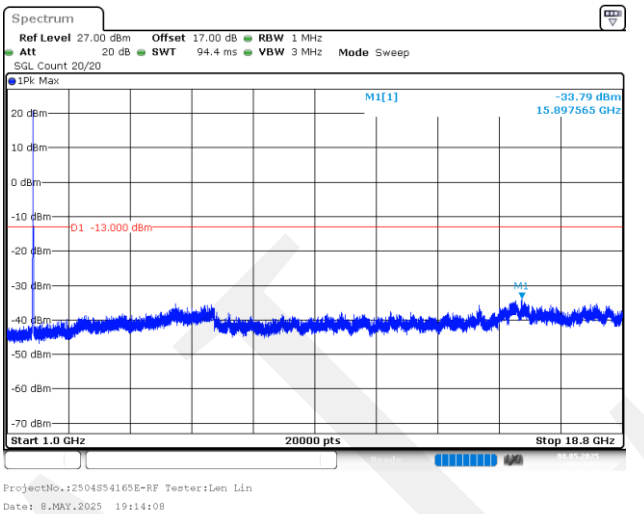
10MHz_Middle_QPSK_1@0(1GHz~18.8GHz)



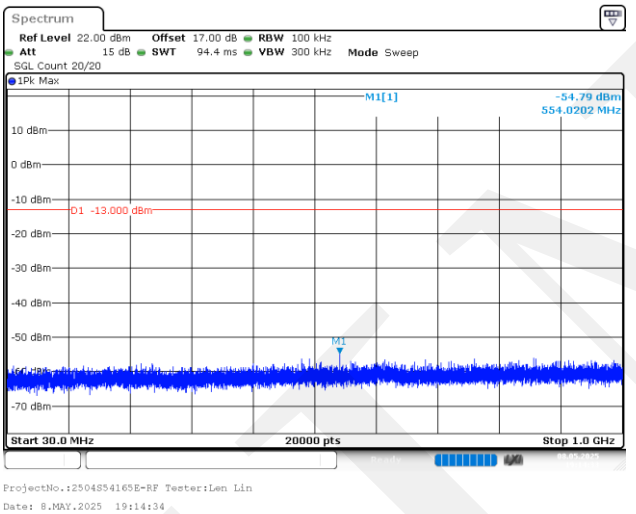
10MHz_Middle_QPSK_50@0(30MHz~1GHz)



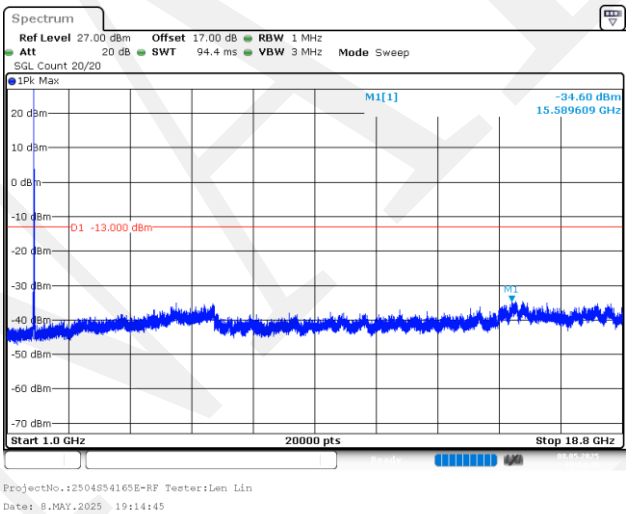
10MHz_Middle_QPSK_50@0(1GHz~18.8GHz)



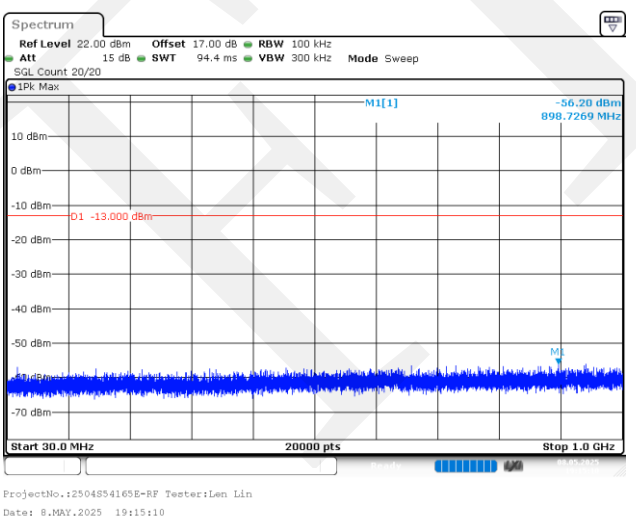
10MHz_High_QPSK_1@0(30MHz~1GHz)



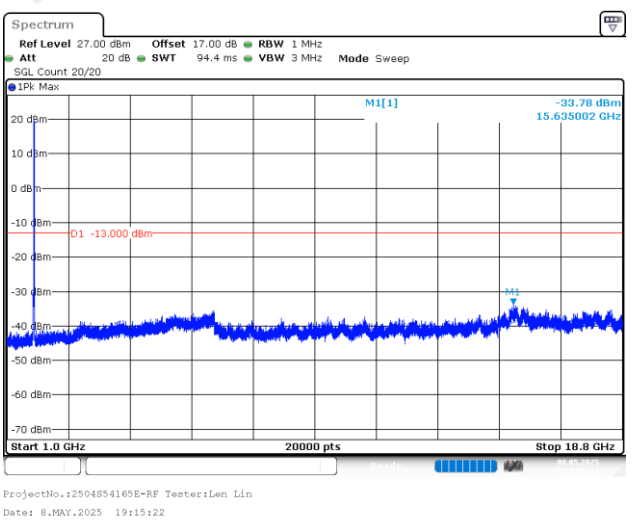
10MHz_High_QPSK_1@0(1GHz~18.8GHz)



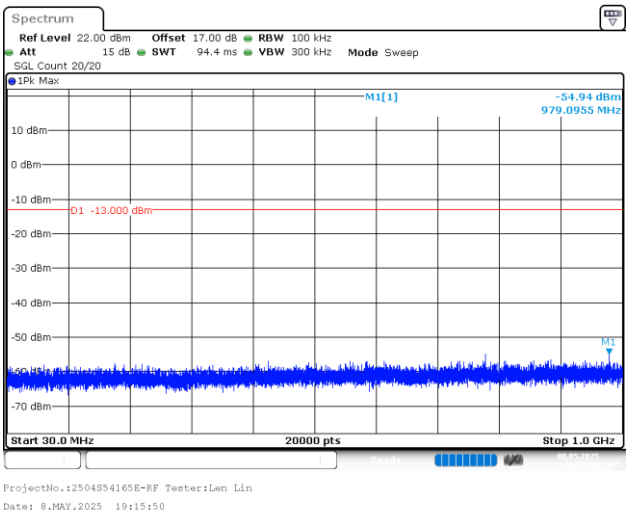
10MHz_High_QPSK_50@0(30MHz~1GHz)



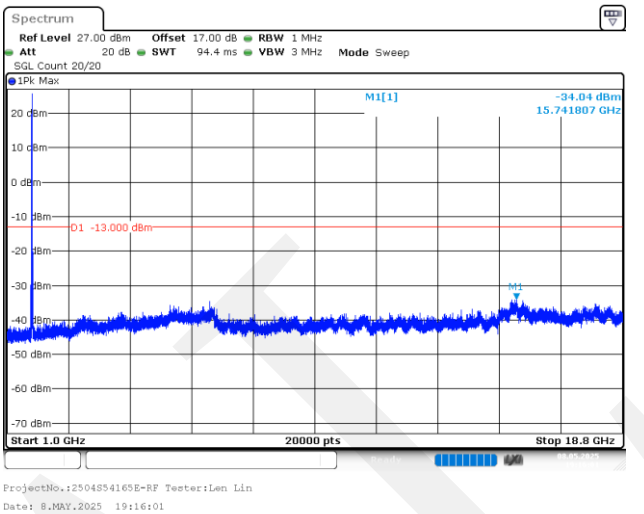
10MHz_High_QPSK_50@0(1GHz~18.8GHz)



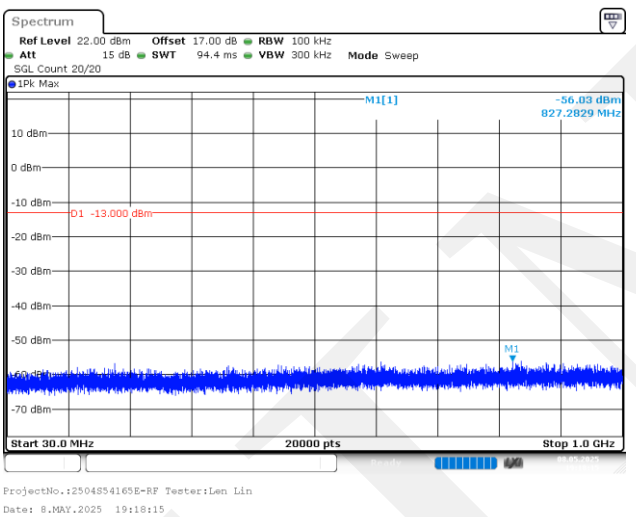
15MHz_Low_QPSK_1@0(30MHz~1GHz)



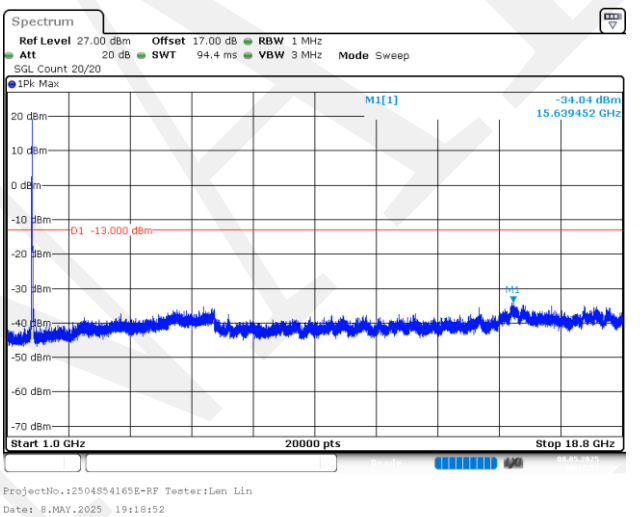
15MHz_Low_QPSK_1@0(1GHz~18.8GHz)



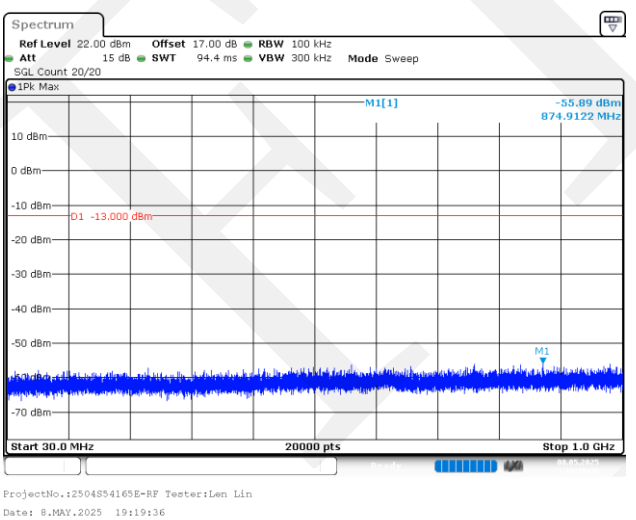
15MHz_Low_QPSK_75@0(30MHz~1GHz)



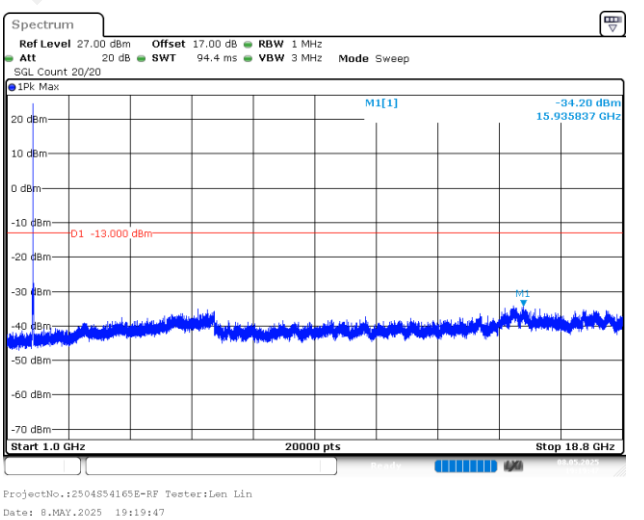
15MHz_Low_QPSK_75@0(1GHz~18.8GHz)



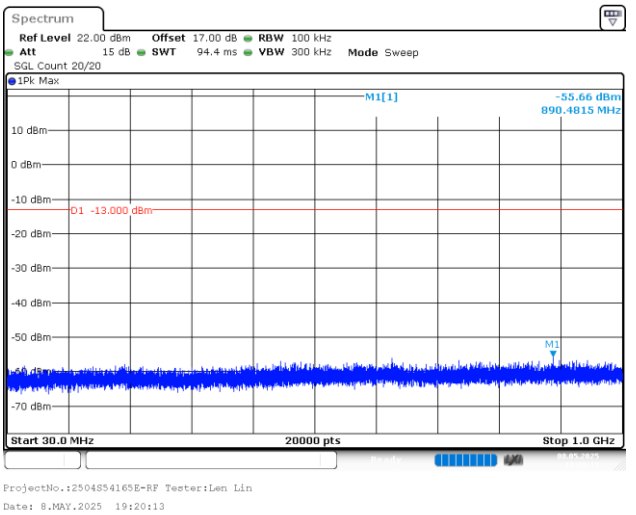
15MHz_Middle_QPSK_1@0(30MHz~1GHz)



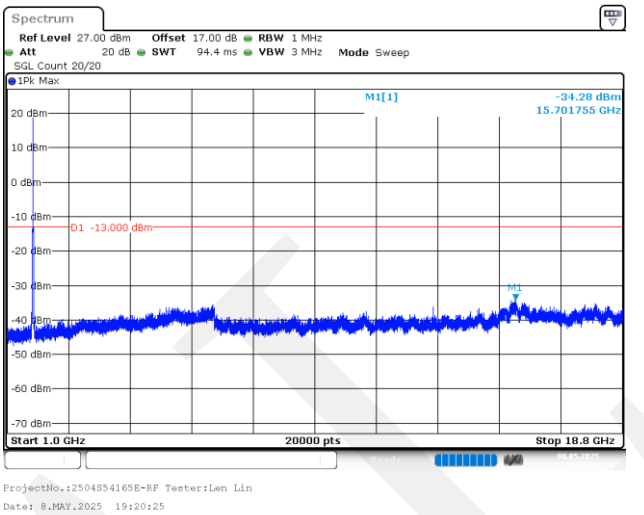
15MHz_Middle_QPSK_1@0(1GHz~18.8GHz)



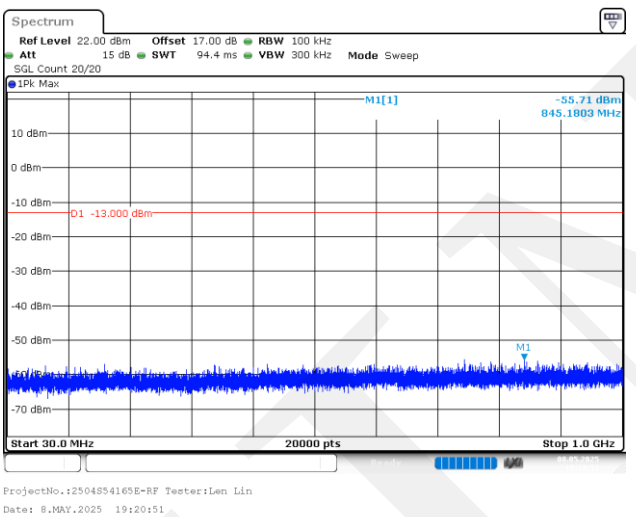
15MHz_Middle_QPSK_75@0(30MHz~1GHz)



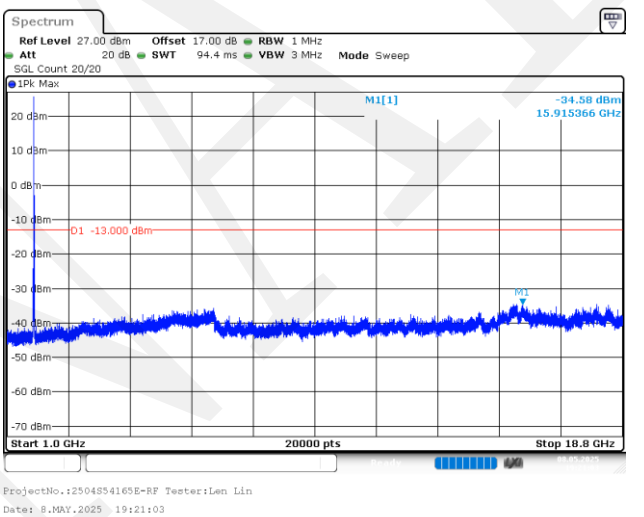
15MHz_Middle_QPSK_75@0(1GHz~18.8GHz)



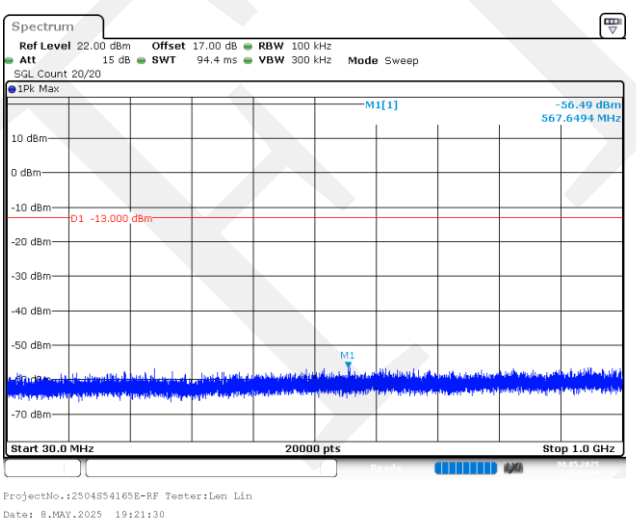
15MHz_High_QPSK_1@0(30MHz~1GHz)



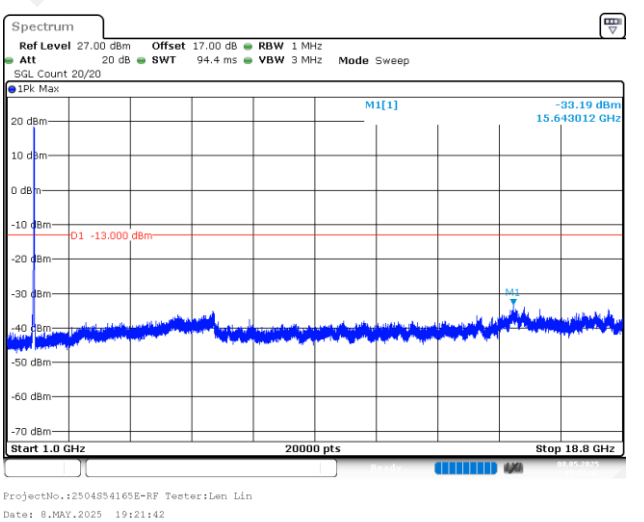
15MHz_High_QPSK_1@0(1GHz~18.8GHz)



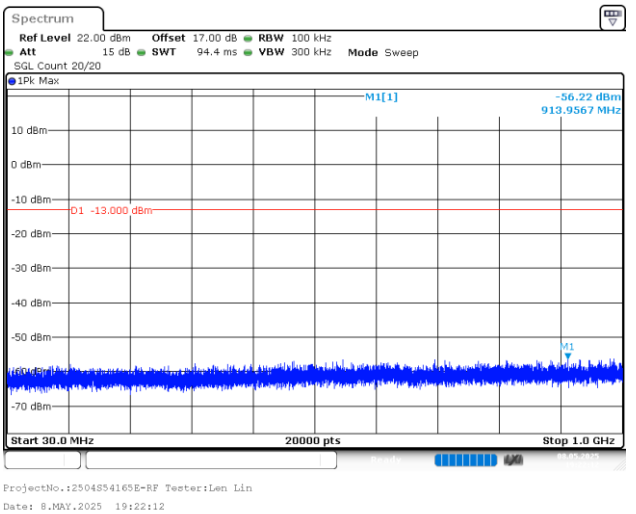
15MHz_High_QPSK_75@0(30MHz~1GHz)



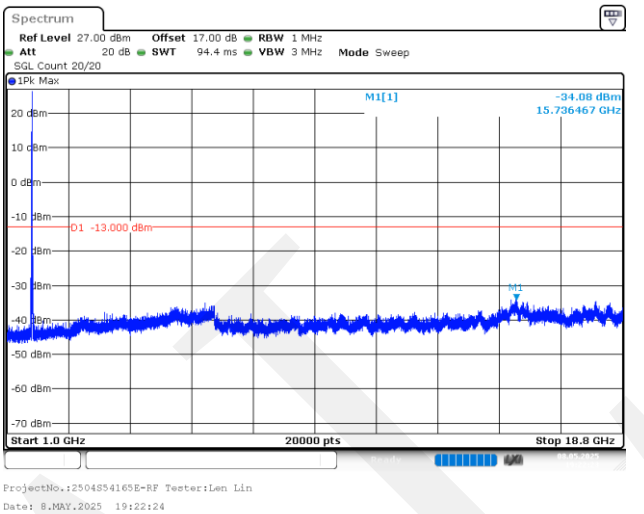
15MHz_High_QPSK_75@0(1GHz~18.8GHz)



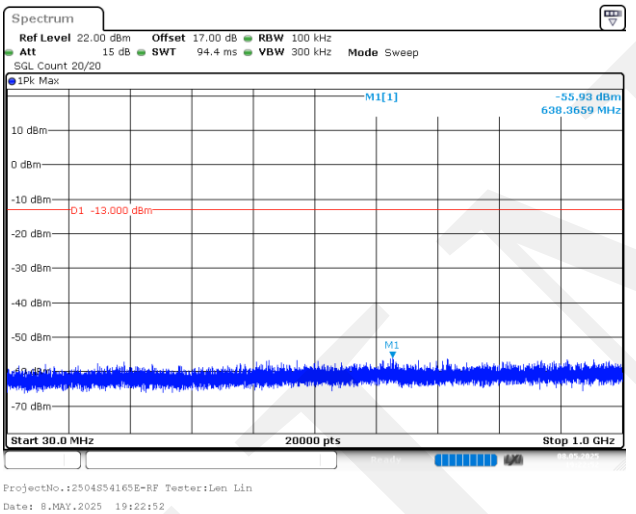
20MHz_Low_QPSK_1@0(30MHz~1GHz)



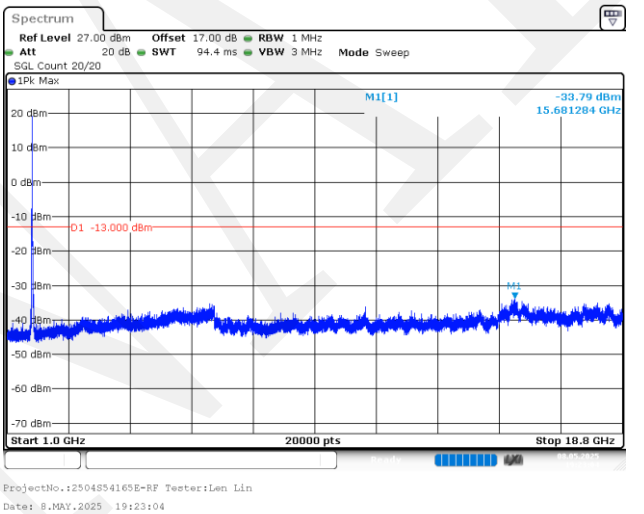
20MHz_Low_QPSK_1@0(1GHz~18.8GHz)



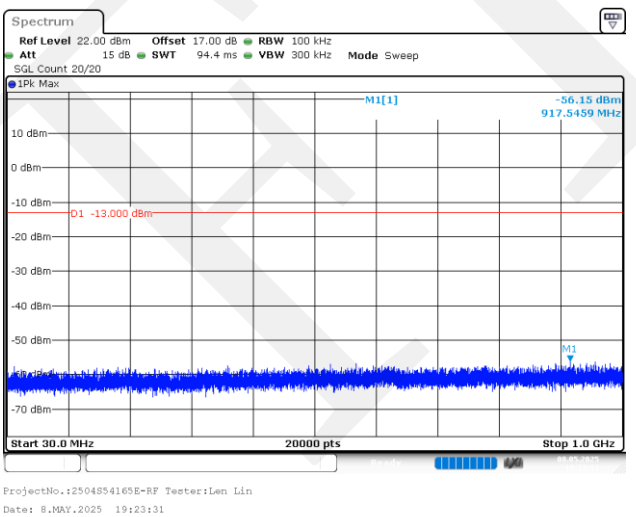
20MHz_Low_QPSK_100@0(30MHz~1GHz)



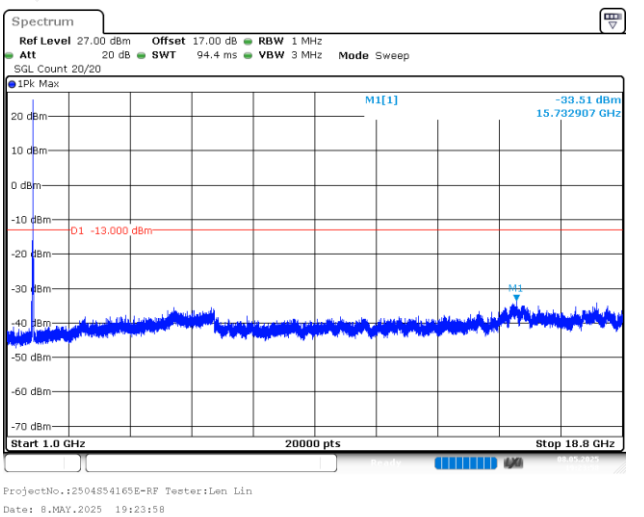
20MHz_Low_QPSK_100@0(1GHz~18.8GHz)



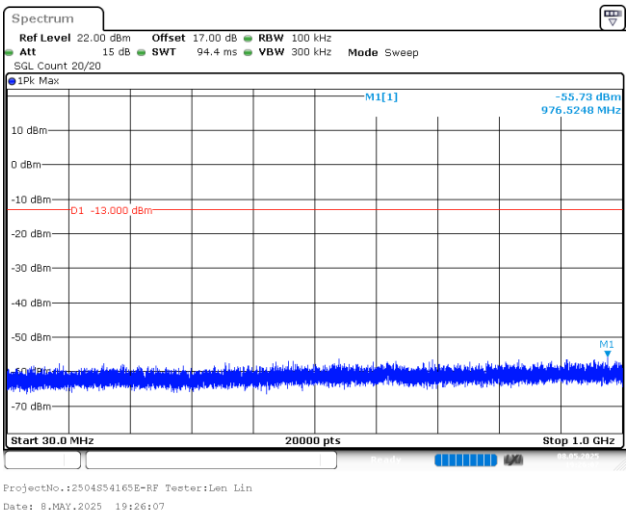
20MHz_Middle_QPSK_1@0(30MHz~1GHz)



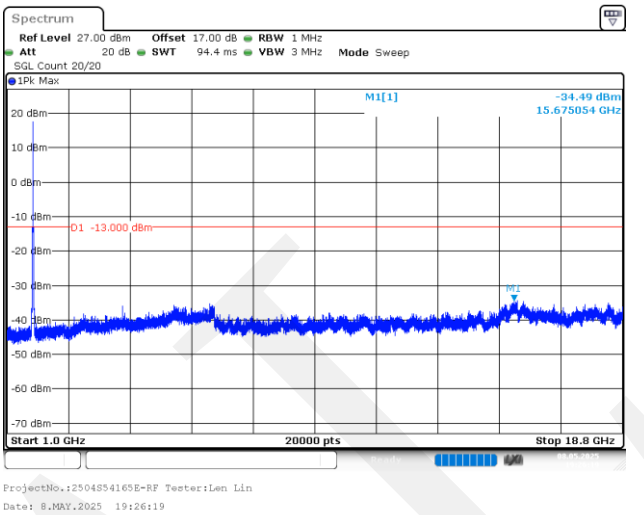
20MHz_Middle_QPSK_1@0(1GHz~18.8GHz)



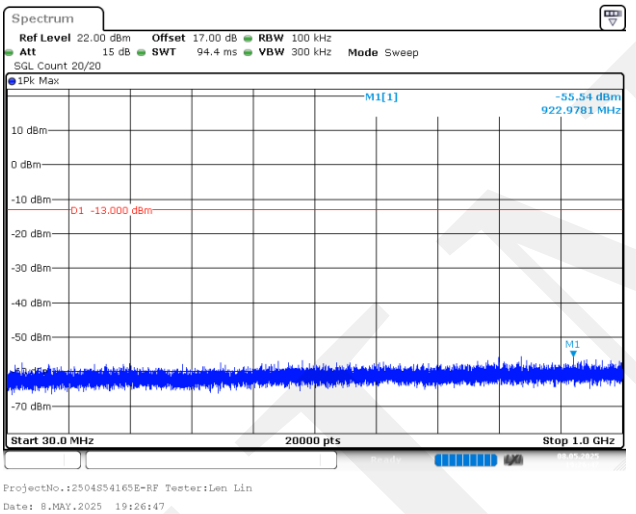
20MHz_Middle_QPSK_100@0(30MHz~1GHz)



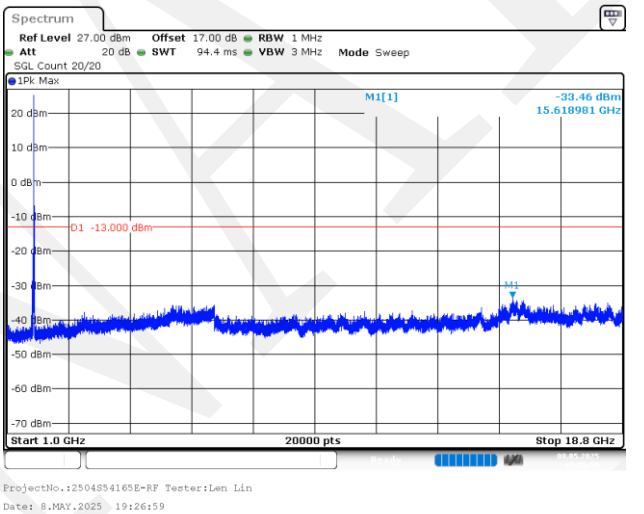
20MHz_Middle_QPSK_100@0(1GHz~18.8GHz)



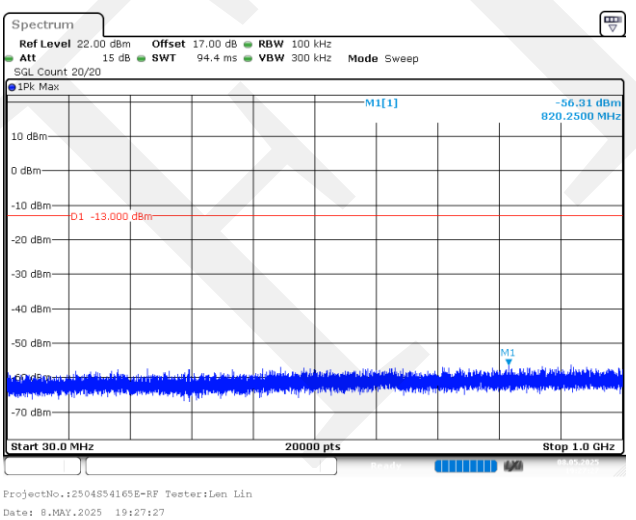
20MHz_High_QPSK_1@0(30MHz~1GHz)



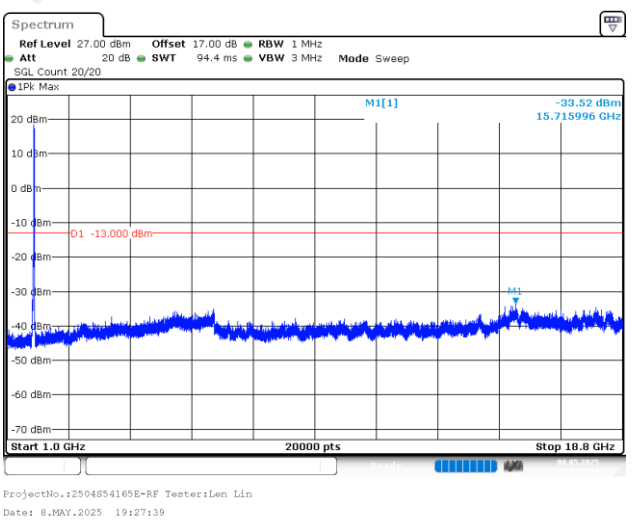
20MHz_High_QPSK_1@0(1GHz~18.8GHz)



20MHz_High_QPSK_100@0(30MHz~1GHz)



20MHz_High_QPSK_100@0(1GHz~18.8GHz)



Out of band emission,Band Edge

FCC Part 22H

LTE Band 5, Normal

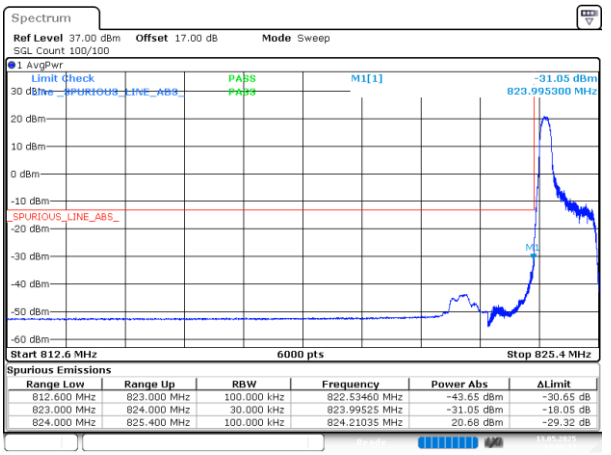
Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-31.05	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-28.82	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-32.16	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-30.10	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-24.46	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-24.41	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-23.32	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-25.35	See Graphs	Pass
3MHz_Low_QPSK_1@0	-25.19	See Graphs	Pass
3MHz_Low_QPSK_15@0	-23.71	See Graphs	Pass
3MHz_Low_16QAM_1@0	-15.95	See Graphs	Pass
3MHz_Low_16QAM_15@0	-24.10	See Graphs	Pass
3MHz_High_QPSK_1@14	-15.38	See Graphs	Pass
3MHz_High_QPSK_15@0	-22.85	See Graphs	Pass
3MHz_High_16QAM_1@14	-16.49	See Graphs	Pass
3MHz_High_16QAM_15@0	-23.10	See Graphs	Pass
5MHz_Low_QPSK_1@0	-33.50	See Graphs	Pass
5MHz_Low_QPSK_25@0	-27.02	See Graphs	Pass
5MHz_Low_16QAM_1@0	-25.00	See Graphs	Pass
5MHz_Low_16QAM_25@0	-27.18	See Graphs	Pass
5MHz_High_QPSK_1@24	-22.65	See Graphs	Pass
5MHz_High_QPSK_25@0	-24.77	See Graphs	Pass
5MHz_High_16QAM_1@24	-24.53	See Graphs	Pass
5MHz_High_16QAM_25@0	-26.49	See Graphs	Pass
10MHz_Low_QPSK_1@0	-28.67	See Graphs	Pass
10MHz_Low_QPSK_50@0	-31.30	See Graphs	Pass
10MHz_Low_16QAM_1@0	-28.96	See Graphs	Pass
10MHz_Low_16QAM_50@0	-32.83	See Graphs	Pass
10MHz_High_QPSK_1@49	-28.60	See Graphs	Pass
10MHz_High_QPSK_50@0	-30.15	See Graphs	Pass

Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-29.56	See Graphs	Pass
10MHz_High_16QAM_50@0	-30.95	See Graphs	Pass

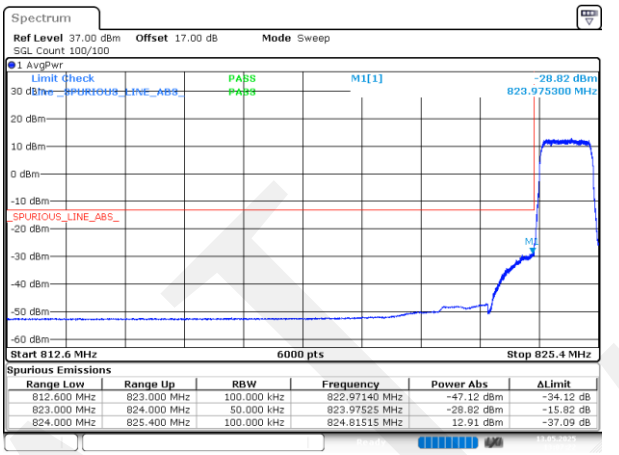
FINAL

LTE Band 5, Normal

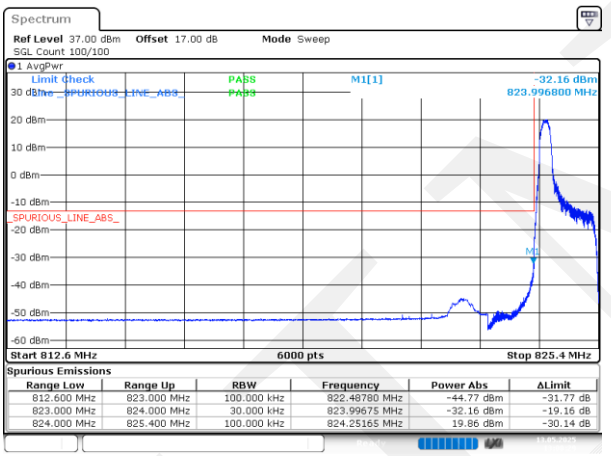
1.4MHz_Low_QPSK_1@0



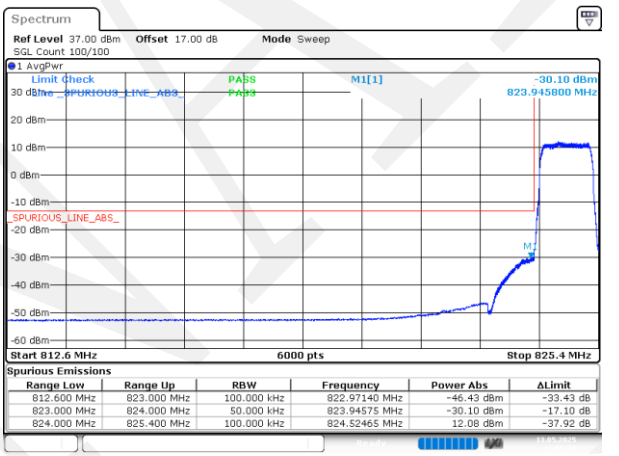
1.4MHz_Low_QPSK_6@0



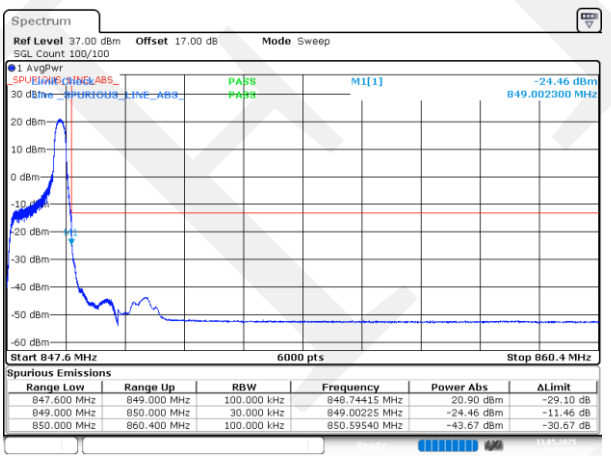
1.4MHz_Low_16QAM_1@0



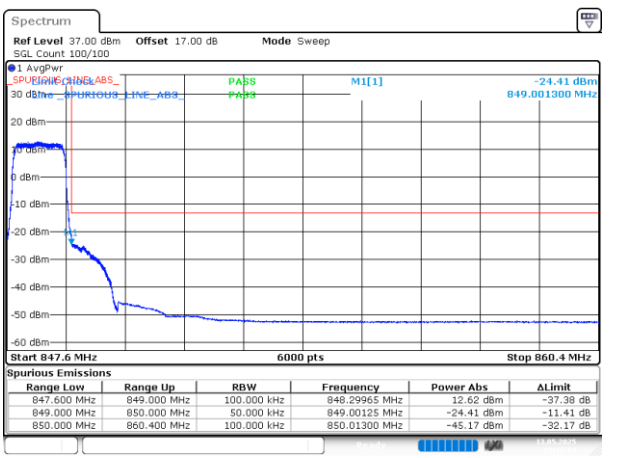
1.4MHz_Low_16QAM_6@0



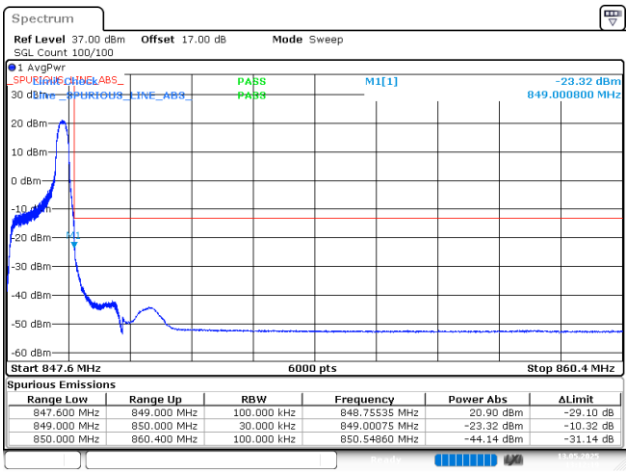
1.4MHz_High_QPSK_1@5



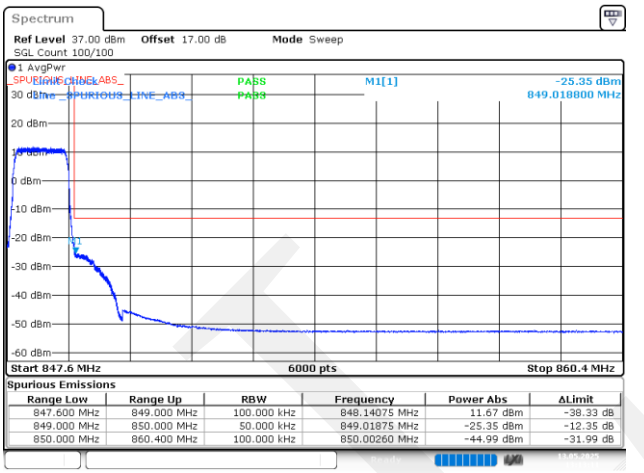
1.4MHz_High_QPSK_6@0



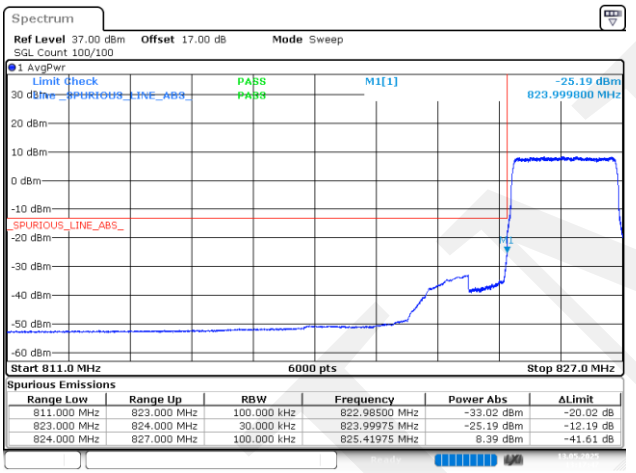
1.4MHz_High_16QAM_1@5



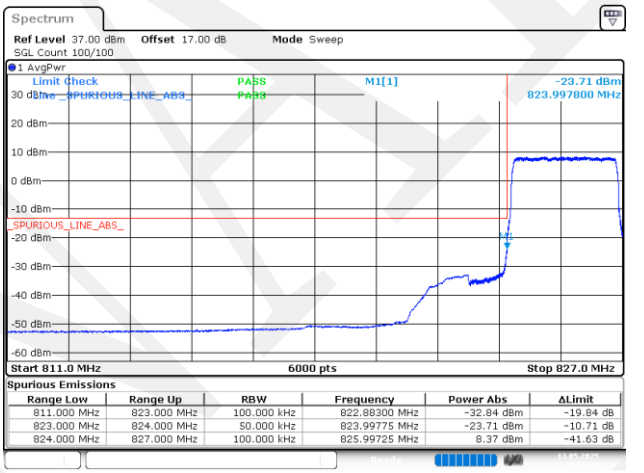
1.4MHz_High_16QAM_6@0



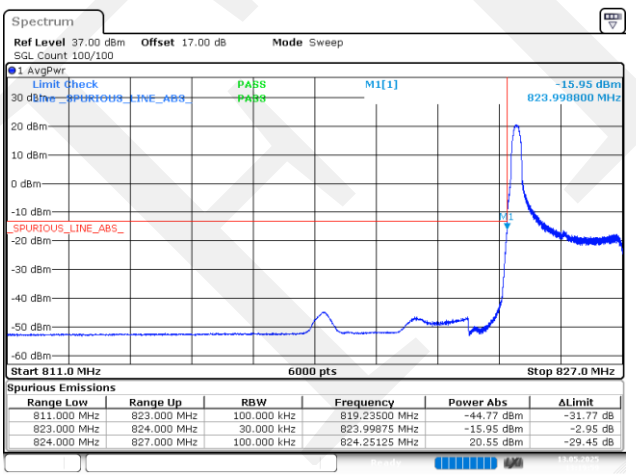
3MHz_Low_QPSK_1@0



3MHz_Low_QPSK_15@0



3MHz_Low_16QAM_1@0



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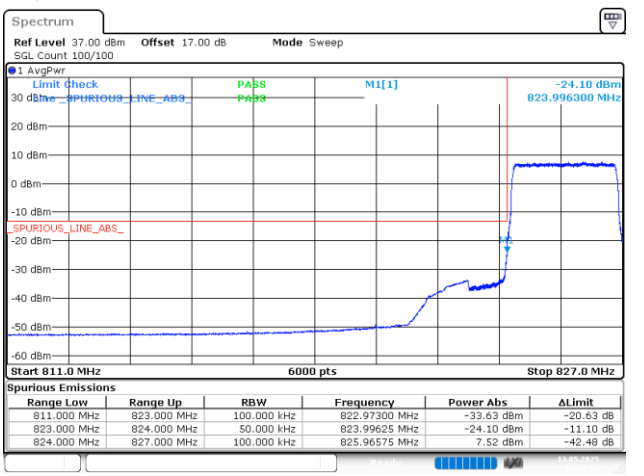
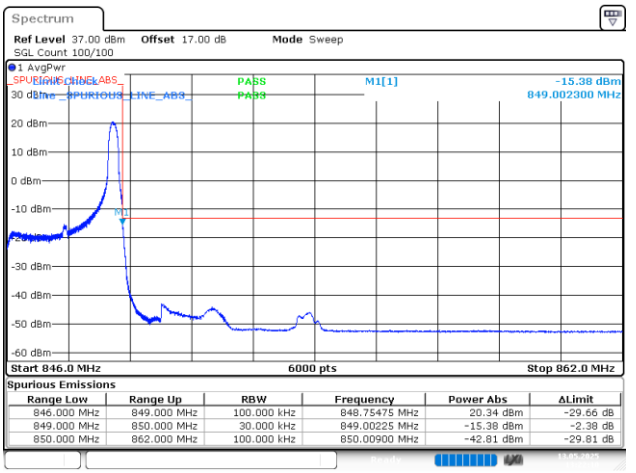
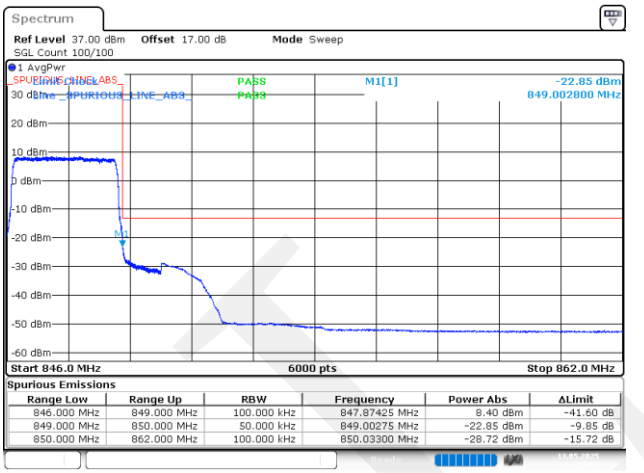


3MHz_High_QPSK_1@14



3MHz_High_QPSK_15@0



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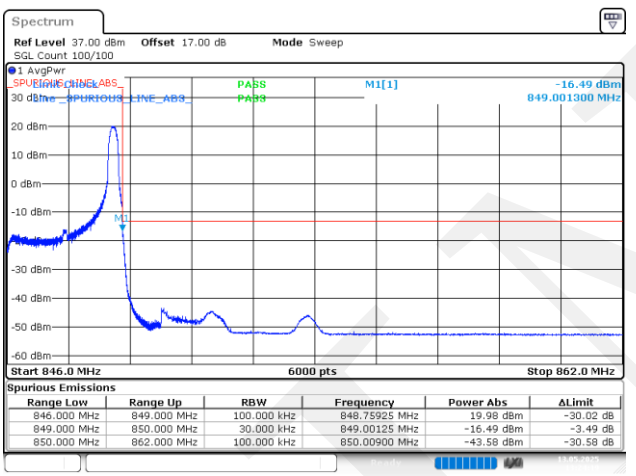
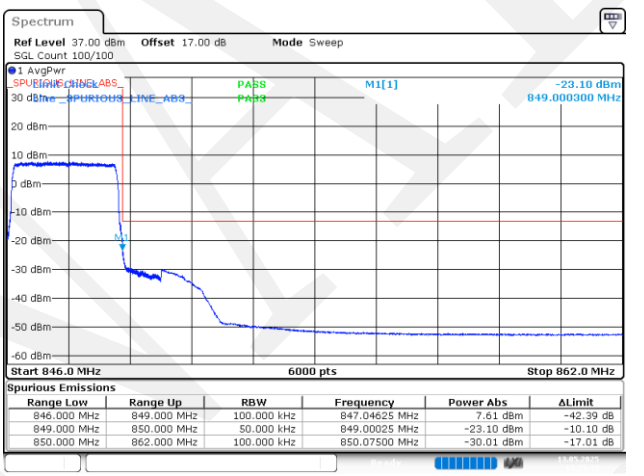
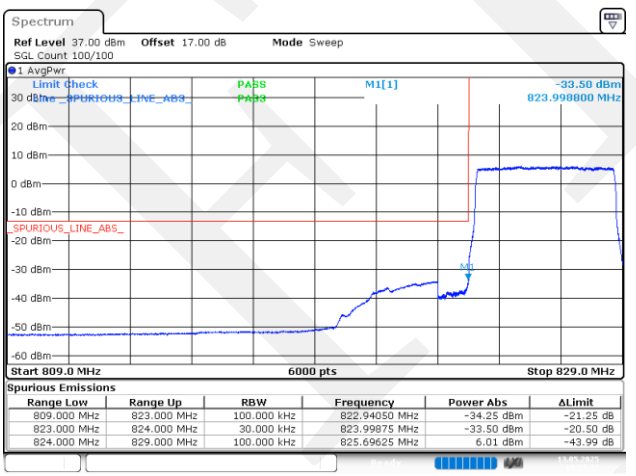


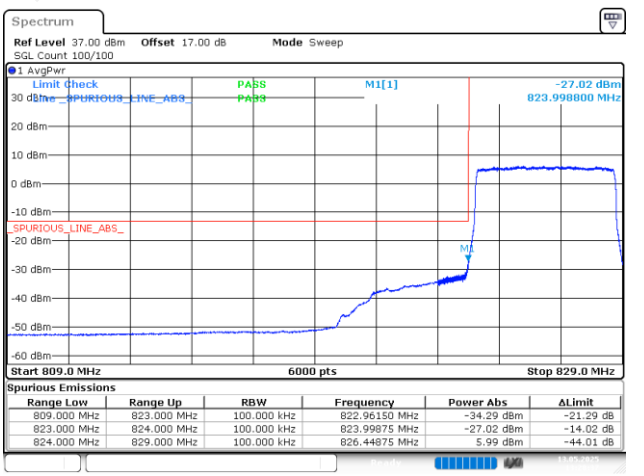
3MHz_High_16QAM_15@0



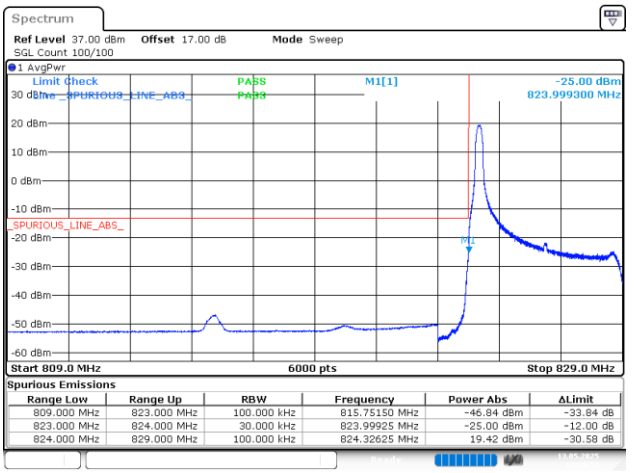
5MHz_Low_QPSK_1@0



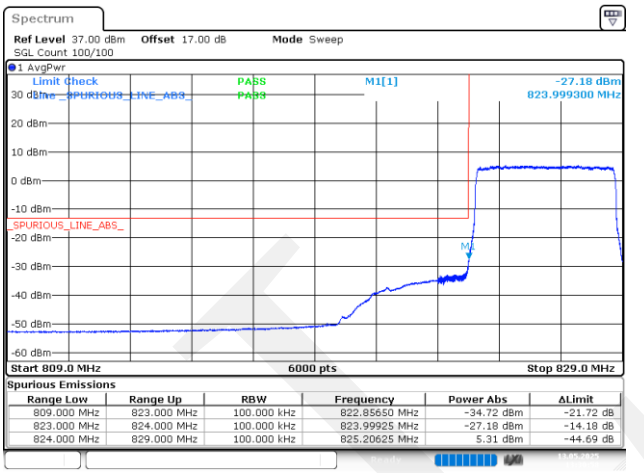
5MHz_Low_QPSK_25@0



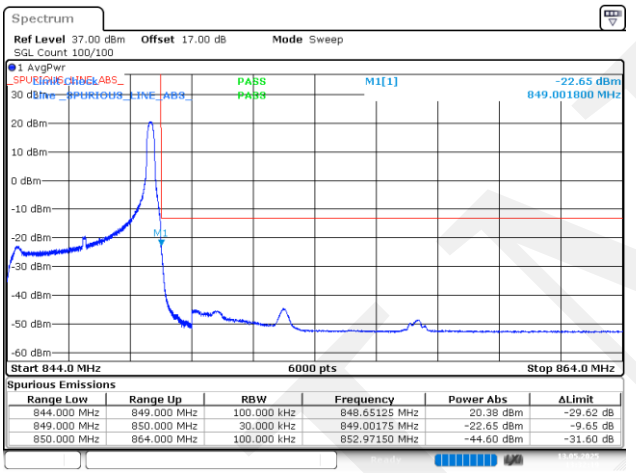
5MHz_Low_16QAM_1@0



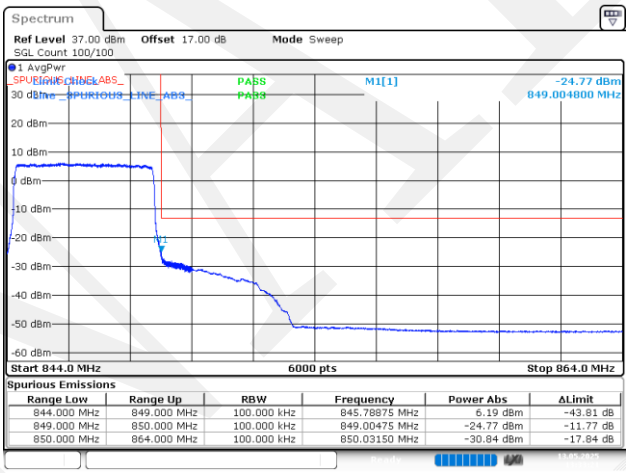
5MHz_Low_16QAM_25@0



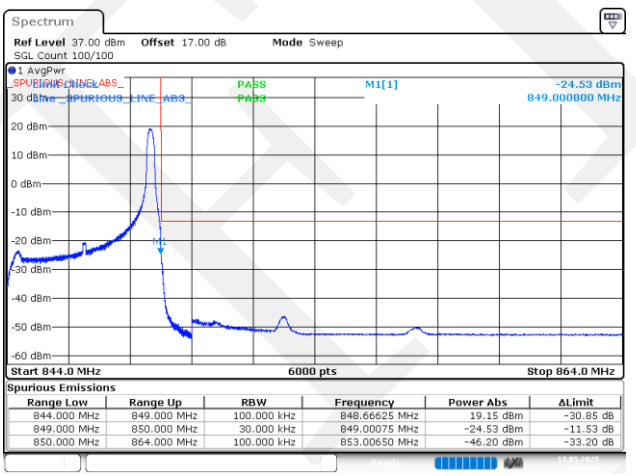
5MHz_High_QPSK_1@24



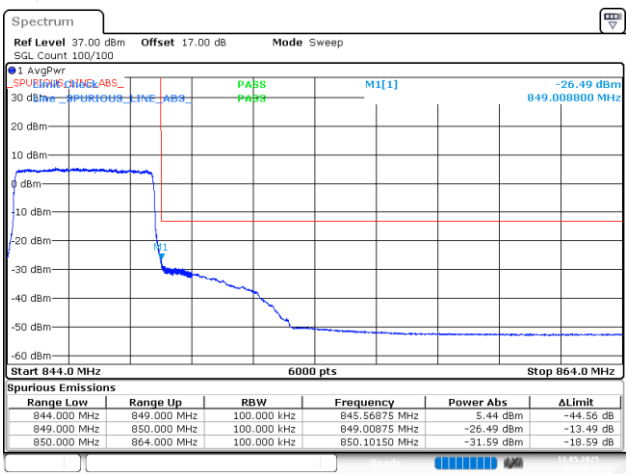
5MHz_High_QPSK_25@0



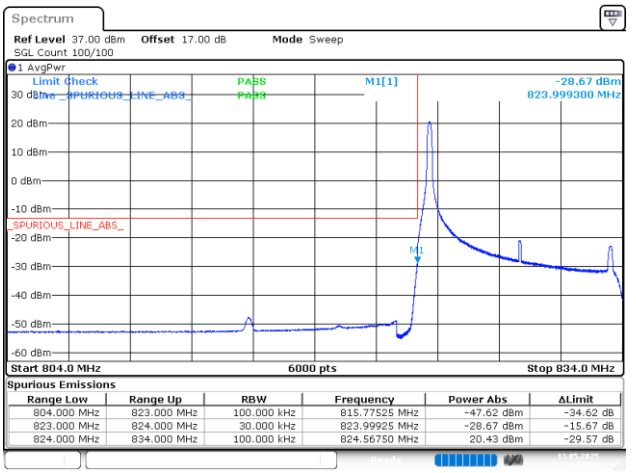
5MHz_High_16QAM_1@24



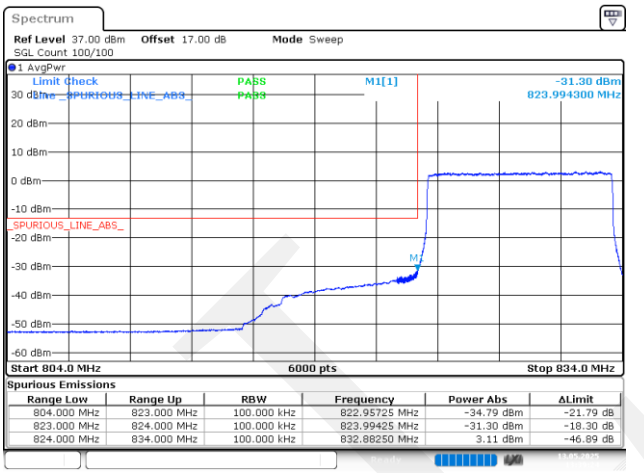
5MHz_High_16QAM_25@0



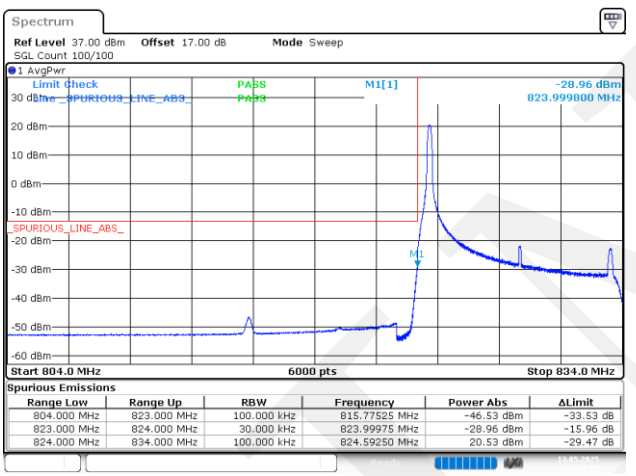
10MHz_Low_QPSK_1@0



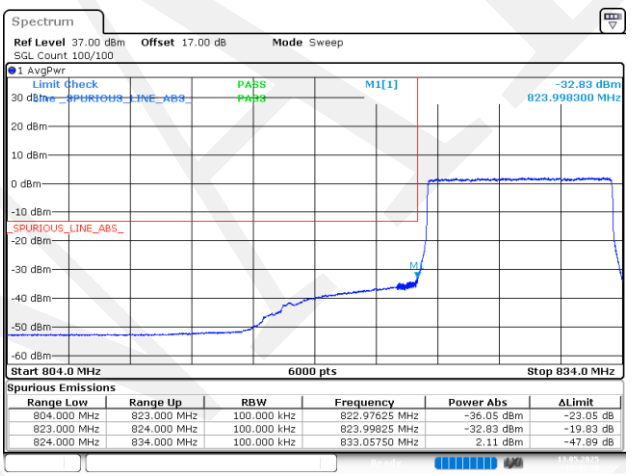
10MHz_Low_QPSK_50@0



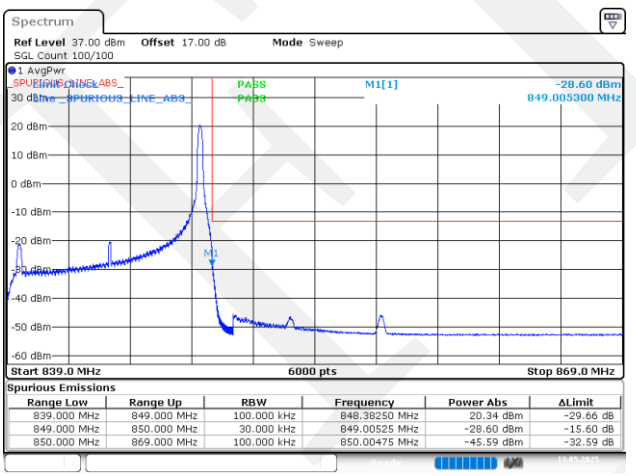
10MHz_Low_16QAM_1@0



10MHz_Low_16QAM_50@0



10MHz_High_QPSK_1@49



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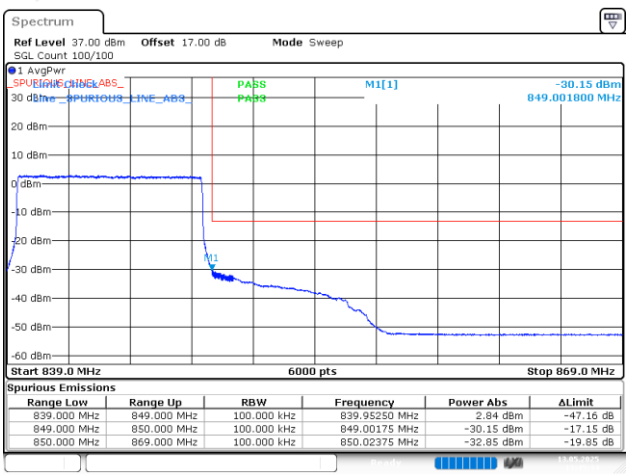
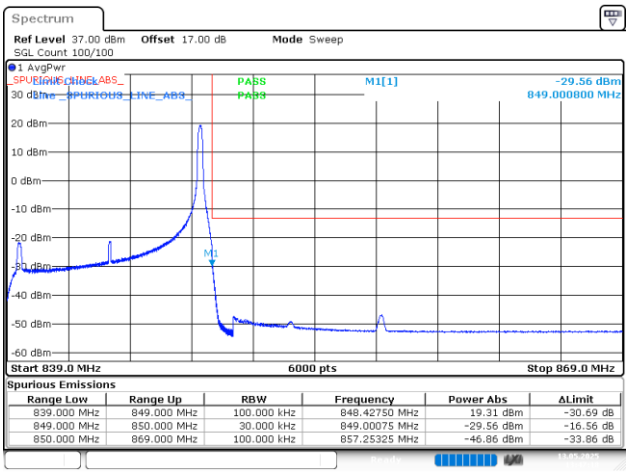
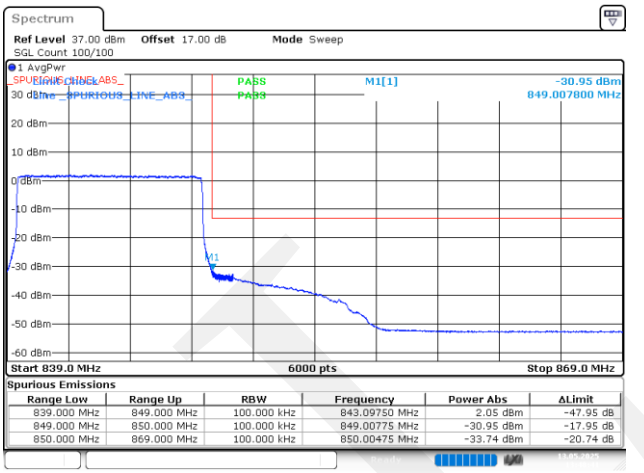


10MHz_High_16QAM_1@49



10MHz_High_16QAM_50@0



FINAL

FCC Part 24E

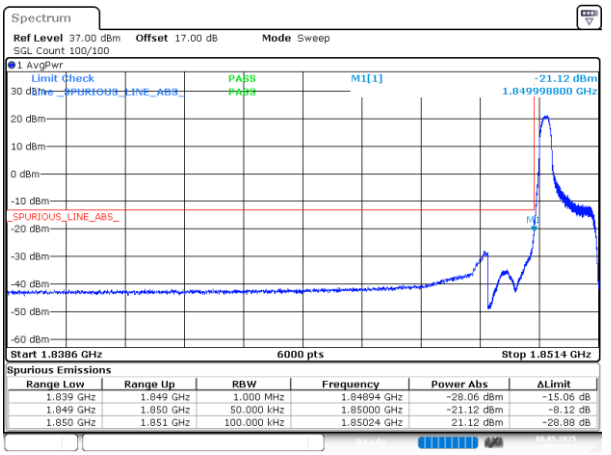
LTE Band 2, Normal

Mode	Result (dBm)	Limit	Verdict
1.4MHz_Low_QPSK_1@0	-21.12	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-24.90	See Graphs	Pass
1.4MHz_Low_16QAM_1@0	-21.47	See Graphs	Pass
1.4MHz_Low_16QAM_6@0	-26.48	See Graphs	Pass
1.4MHz_High_QPSK_1@5	-23.17	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-23.73	See Graphs	Pass
1.4MHz_High_16QAM_1@5	-22.72	See Graphs	Pass
1.4MHz_High_16QAM_6@0	-26.74	See Graphs	Pass
3MHz_Low_QPSK_1@0	-13.44	See Graphs	Pass
3MHz_Low_QPSK_15@0	-23.72	See Graphs	Pass
3MHz_Low_16QAM_1@0	-14.92	See Graphs	Pass
3MHz_Low_16QAM_15@0	-24.20	See Graphs	Pass
3MHz_High_QPSK_1@14	-13.56	See Graphs	Pass
3MHz_High_QPSK_15@0	-23.86	See Graphs	Pass
3MHz_High_16QAM_1@14	-14.40	See Graphs	Pass
3MHz_High_16QAM_15@0	-24.78	See Graphs	Pass
5MHz_Low_QPSK_1@0	-20.40	See Graphs	Pass
5MHz_Low_QPSK_25@0	-25.28	See Graphs	Pass
5MHz_Low_16QAM_1@0	-22.55	See Graphs	Pass
5MHz_Low_16QAM_25@0	-25.46	See Graphs	Pass
5MHz_High_QPSK_1@24	-21.65	See Graphs	Pass
5MHz_High_QPSK_25@0	-27.91	See Graphs	Pass
5MHz_High_16QAM_1@24	-21.90	See Graphs	Pass
5MHz_High_16QAM_25@0	-27.46	See Graphs	Pass
10MHz_Low_QPSK_1@0	-26.61	See Graphs	Pass
10MHz_Low_QPSK_50@0	-27.98	See Graphs	Pass
10MHz_Low_16QAM_1@0	-26.63	See Graphs	Pass
10MHz_Low_16QAM_50@0	-28.35	See Graphs	Pass
10MHz_High_QPSK_1@49	-27.77	See Graphs	Pass
10MHz_High_QPSK_50@0	-30.97	See Graphs	Pass

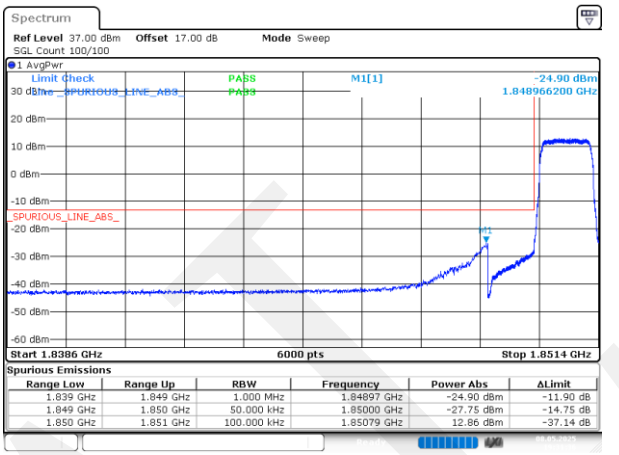
Mode	Result (dBm)	Limit	Verdict
10MHz_High_16QAM_1@49	-28.27	See Graphs	Pass
10MHz_High_16QAM_50@0	-30.73	See Graphs	Pass
15MHz_Low_QPSK_1@0	-27.71	See Graphs	Pass
15MHz_Low_QPSK_75@0	-27.74	See Graphs	Pass
15MHz_Low_16QAM_1@0	-28.18	See Graphs	Pass
15MHz_Low_16QAM_75@0	-28.98	See Graphs	Pass
15MHz_High_QPSK_1@74	-27.88	See Graphs	Pass
15MHz_High_QPSK_75@0	-31.03	See Graphs	Pass
15MHz_High_16QAM_1@74	-28.13	See Graphs	Pass
15MHz_High_16QAM_75@0	-31.39	See Graphs	Pass
20MHz_Low_QPSK_1@0	-31.78	See Graphs	Pass
20MHz_Low_QPSK_100@0	-29.07	See Graphs	Pass
20MHz_Low_16QAM_1@0	-33.39	See Graphs	Pass
20MHz_Low_16QAM_100@0	-30.24	See Graphs	Pass
20MHz_High_QPSK_1@99	-32.65	See Graphs	Pass
20MHz_High_QPSK_100@0	-33.44	See Graphs	Pass
20MHz_High_16QAM_1@99	-31.43	See Graphs	Pass
20MHz_High_16QAM_100@0	-33.60	See Graphs	Pass

LTE Band 2, Normal

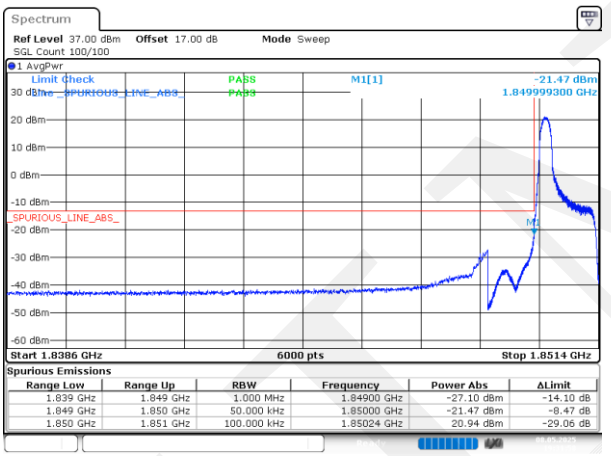
1.4MHz_Low_QPSK_1@0



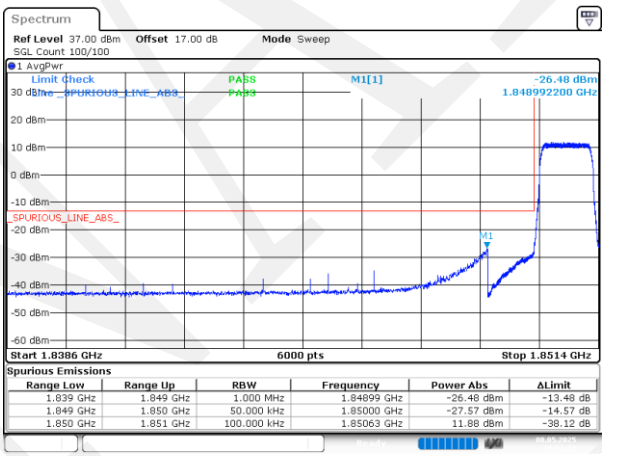
1.4MHz_Low_QPSK_6@0



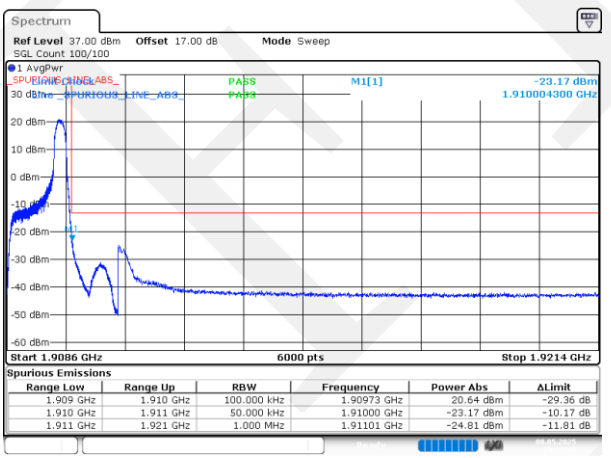
1.4MHz_Low_16QAM_1@0



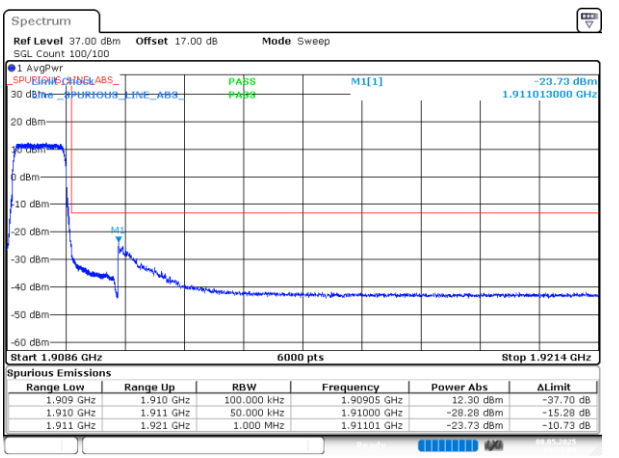
1.4MHz_Low_16QAM_6@0



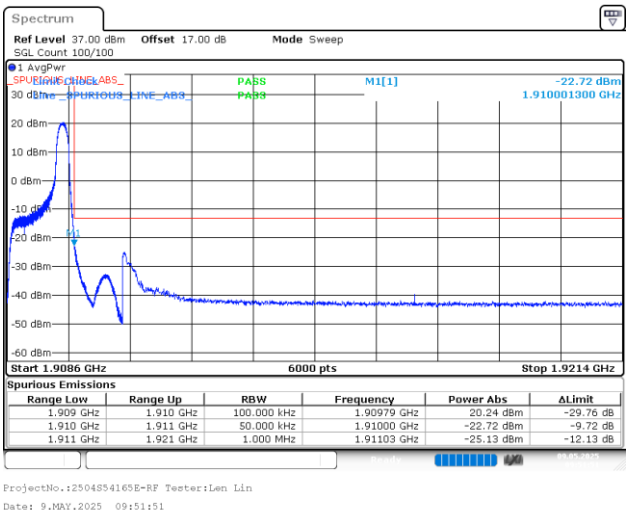
1.4MHz_High_QPSK_1@5



1.4MHz_High_QPSK_6@0



1.4MHz_High_16QAM_1@5

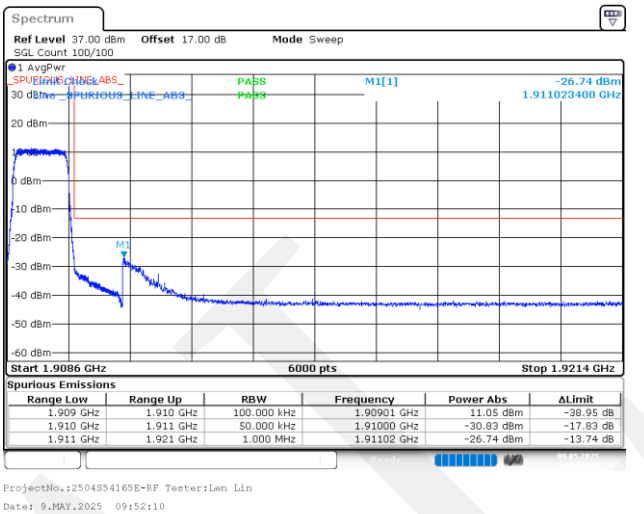


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.909 GHz	1.910 GHz	100.000 kHz	1.90979 GHz	20.24 dBm	-29.76 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-22.72 dBm	-9.72 dB
1.911 GHz	1.921 GHz	1.000 MHz	1.91103 GHz	-25.13 dBm	-12.13 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:51:51

1.4MHz_High_16QAM_6@0

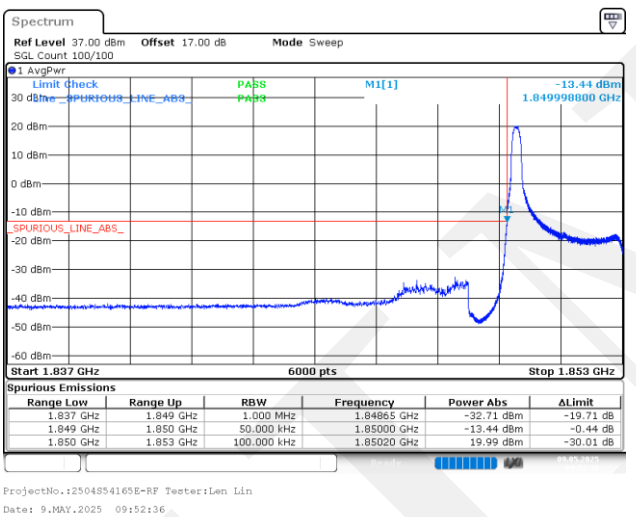


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.909 GHz	1.910 GHz	100.000 kHz	1.90901 GHz	11.05 dBm	-38.95 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-30.83 dBm	-17.83 dB
1.911 GHz	1.921 GHz	1.000 MHz	1.91102 GHz	-26.74 dBm	-13.74 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:52:10

3MHz_Low_QPSK_1@0

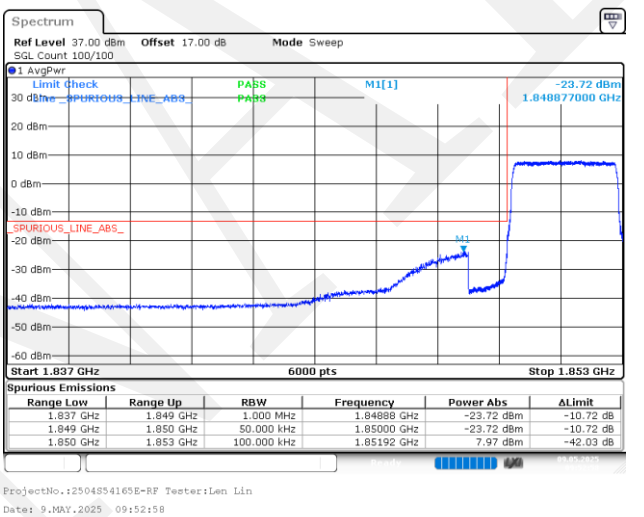


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.837 GHz	1.849 GHz	1.000 MHz	1.84865 GHz	-32.71 dBm	-19.71 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-13.44 dBm	-0.44 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85020 GHz	19.99 dBm	-30.01 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:52:36

3MHz_Low_QPSK_15@0

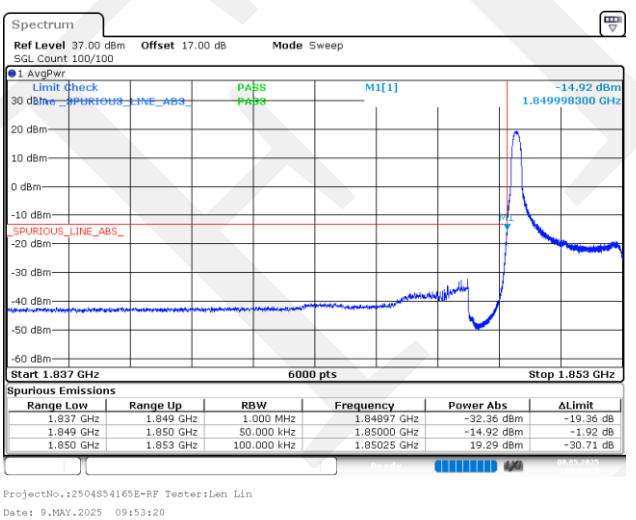


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.837 GHz	1.849 GHz	1.000 MHz	1.84888 GHz	-23.72 dBm	-10.72 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-23.72 dBm	-10.72 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85192 GHz	7.97 dBm	-42.03 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:52:58

3MHz_Low_16QAM_1@0

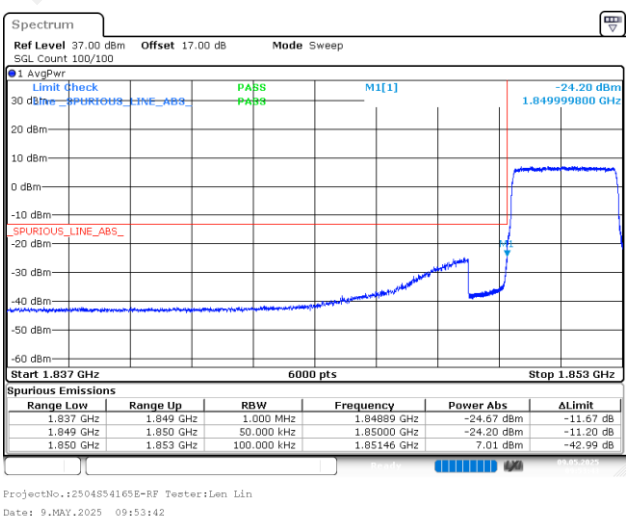


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.837 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-32.36 dBm	-19.36 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-14.92 dBm	-1.92 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85025 GHz	19.29 dBm	-30.71 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:53:20

3MHz_Low_16QAM_15@0

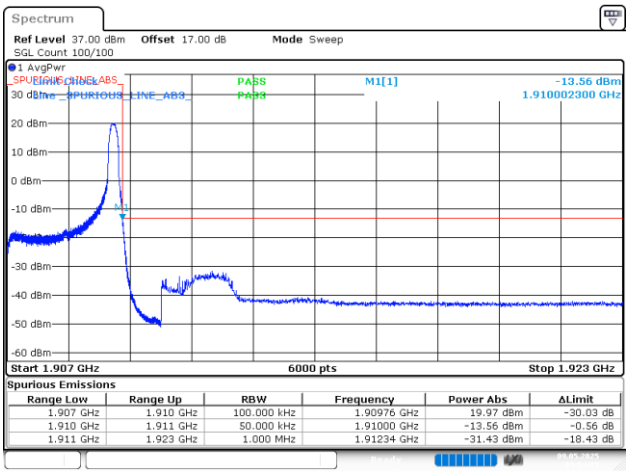


Spurious Emissions

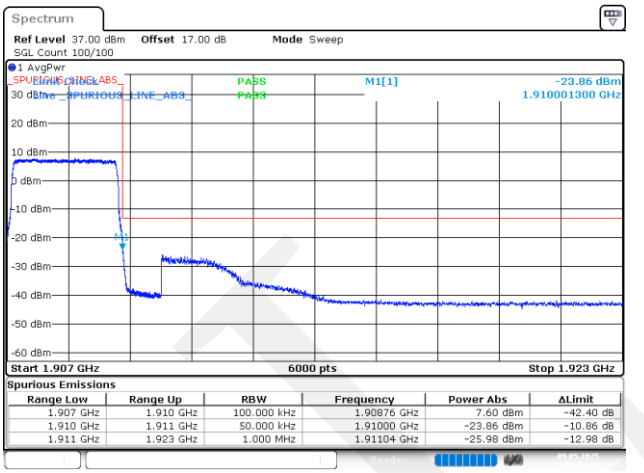
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.837 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-24.67 dBm	-11.67 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-24.20 dBm	-11.20 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85146 GHz	7.01 dBm	-42.99 dB

ProjectNo.:2504S54165E-RF Tester:Len Lin
Date: 9.MAY.2025 09:53:42

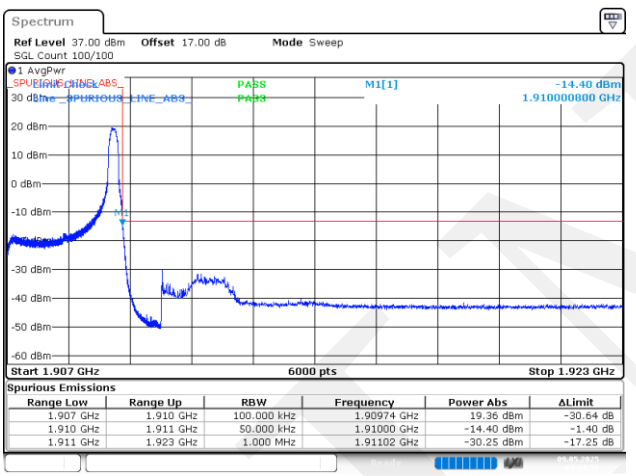
3MHz_High_QPSK_1@14



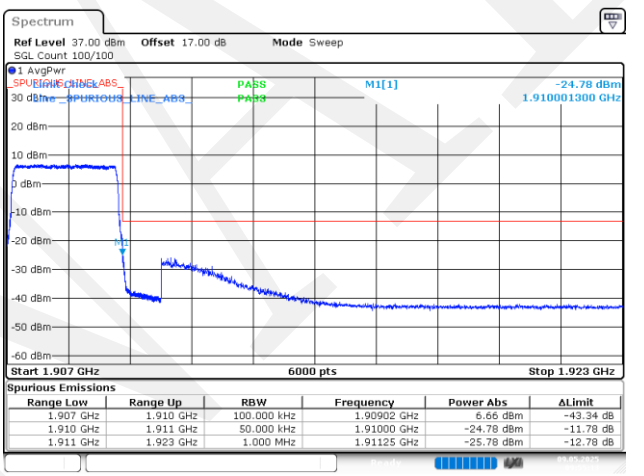
3MHz_High_QPSK_15@0



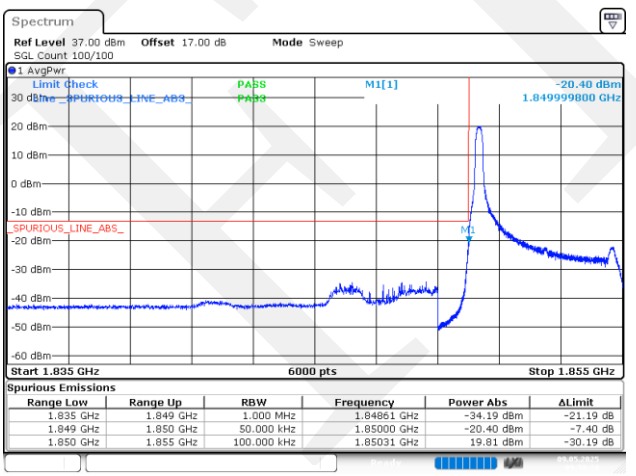
3MHz_High_16QAM_1@14



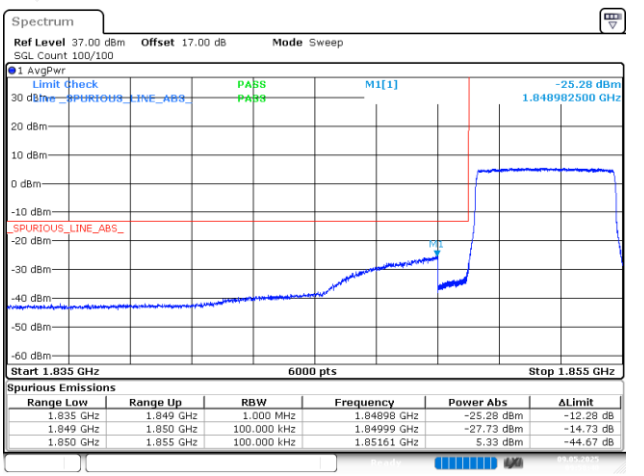
3MHz_High_16QAM_15@0



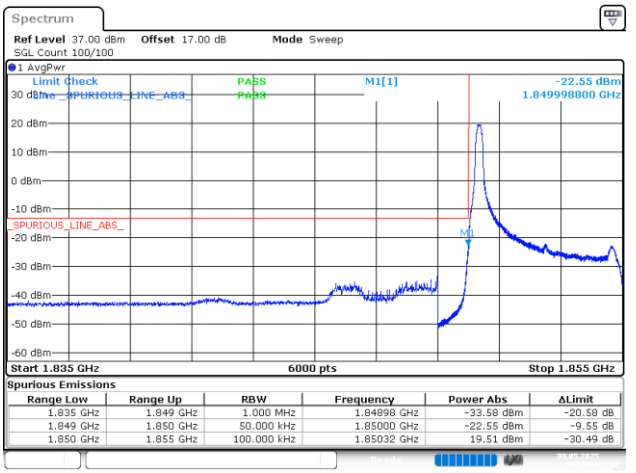
5MHz_Low_QPSK_1@0



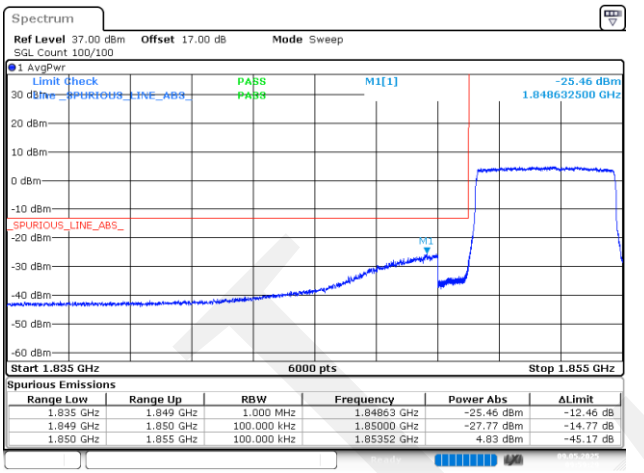
5MHz_Low_QPSK_25@0



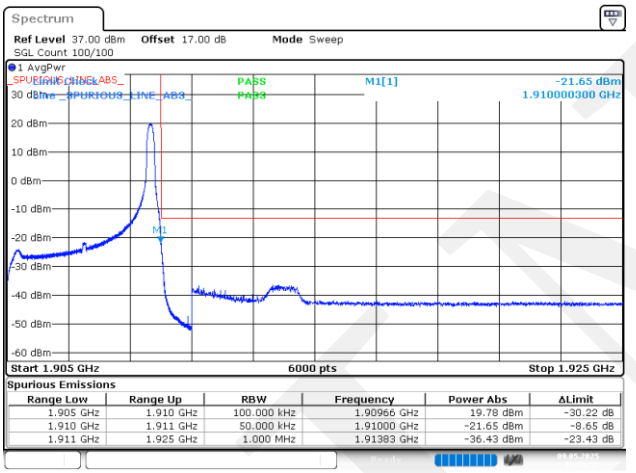
5MHz_Low_16QAM_1@0



5MHz_Low_16QAM_25@0



5MHz_High_QPSK_1@24



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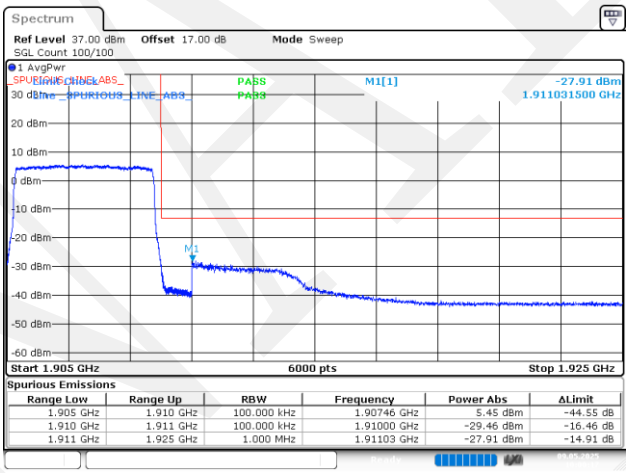
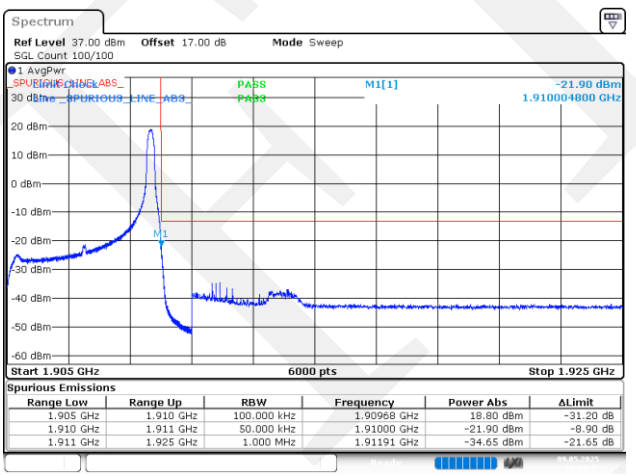
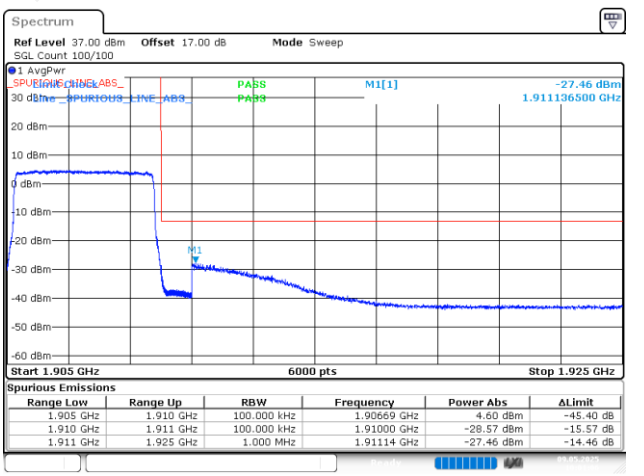


5MHz_High_16QAM_1@24



5MHz_High_16QAM_25@0