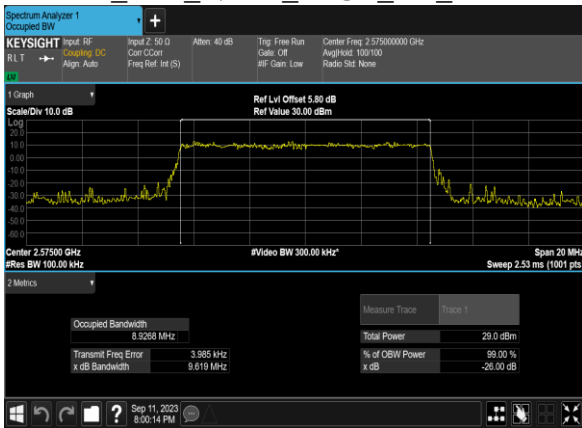
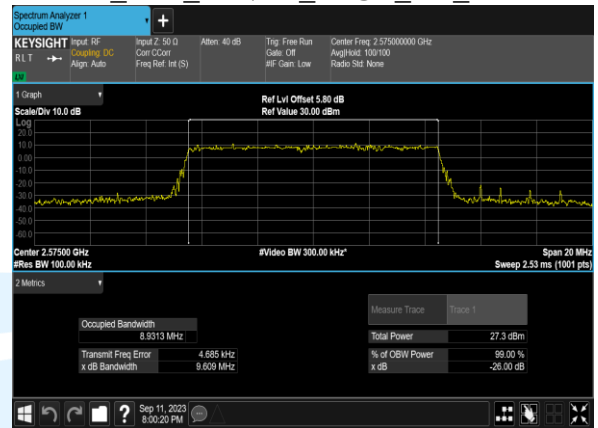


B38_10M_QPSK_50@0_CH_37800



B38_10M_16QAM_50@0_CH_37800



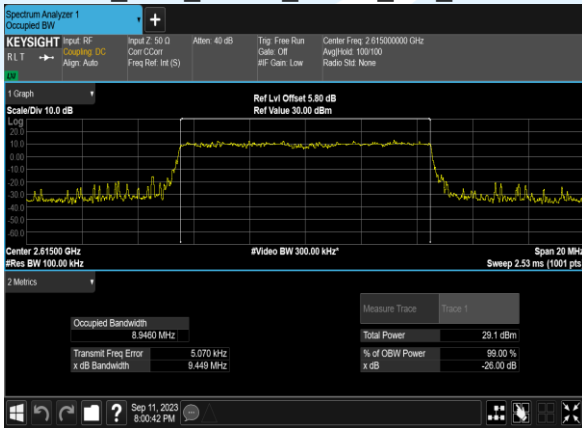
B38_10M_QPSK_50@0_CH_38000



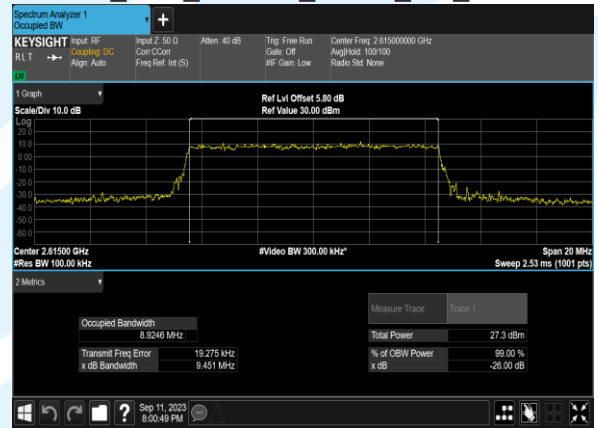
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B38_10M_QPSK_50@0_CH_38200



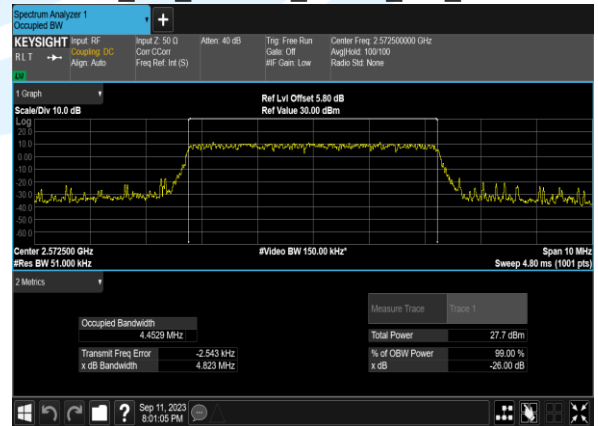
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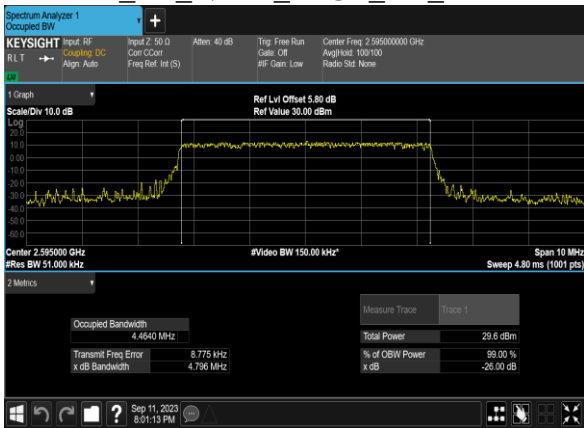
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B38_5M_16QAM_25@0_CH_37775



B38_5M_QPSK_25@0_CH_38000



B38_5M_16QAM_25@0_CH_38000



B38_5M_QPSK_25@0_CH_38225



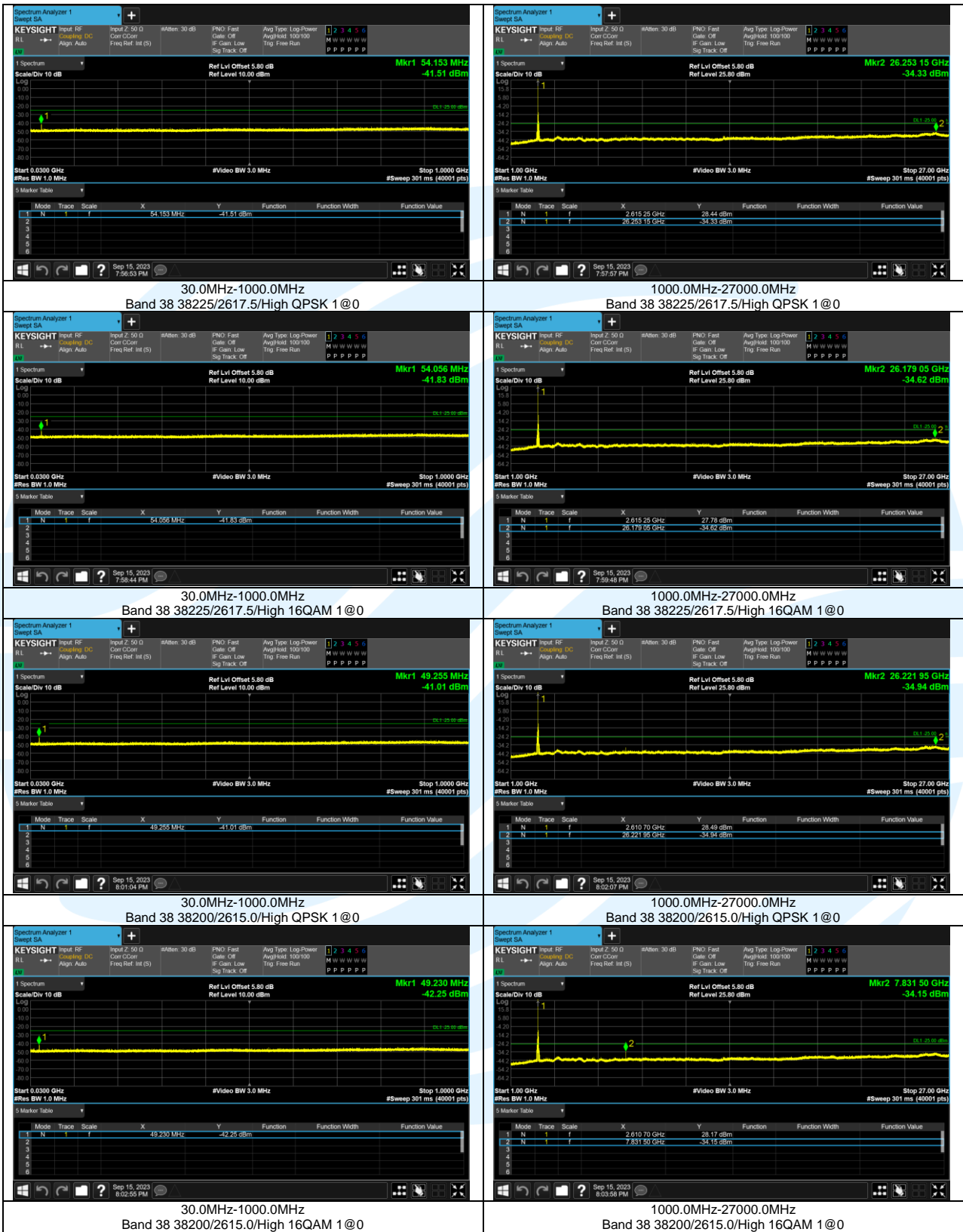
B38_5M_16QAM_25@0_CH_38225

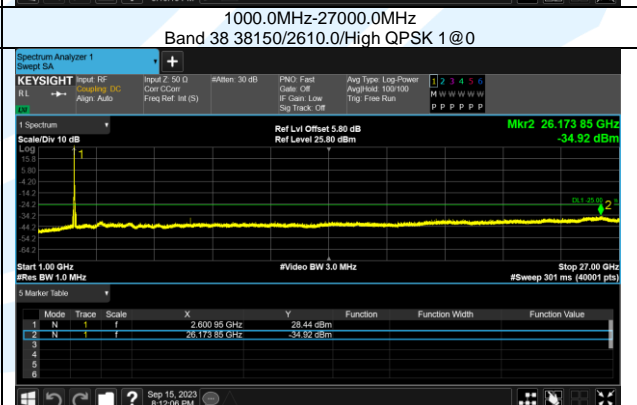
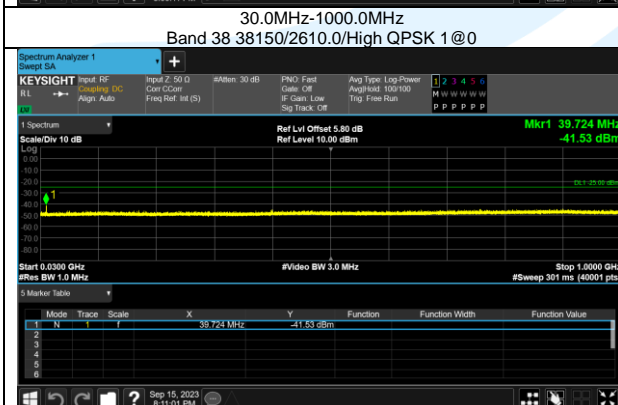
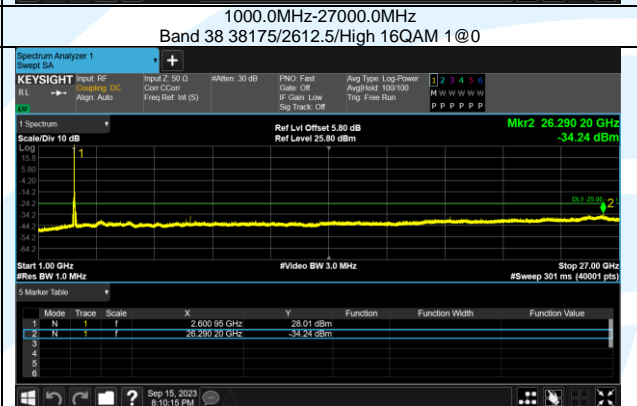
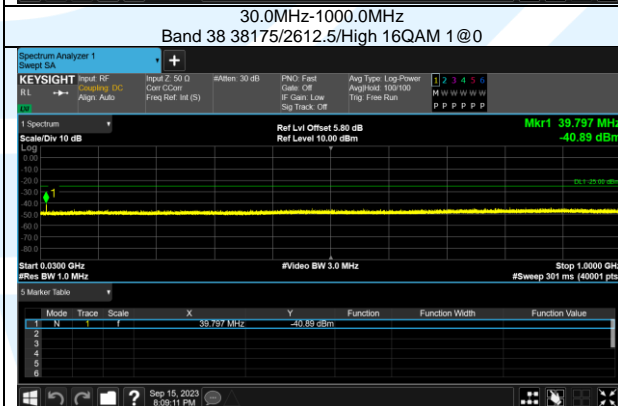
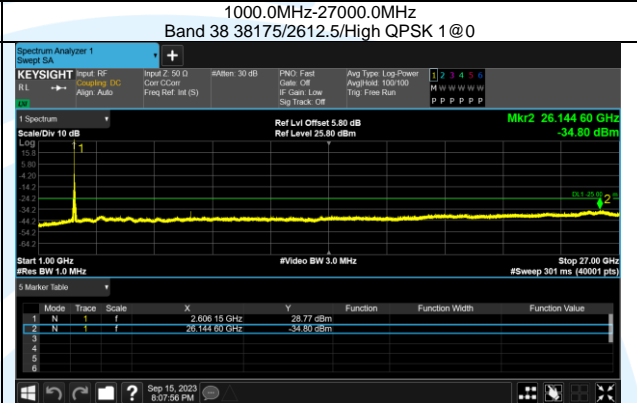
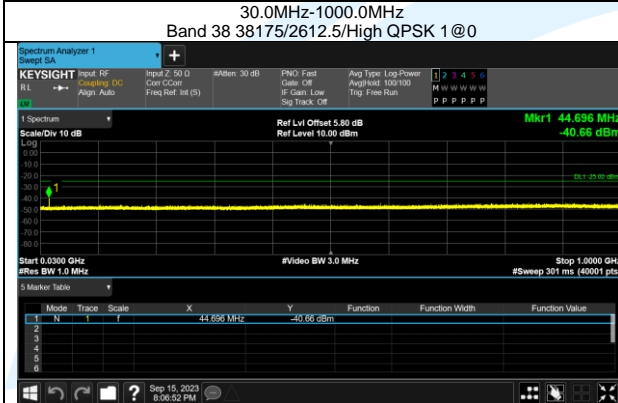
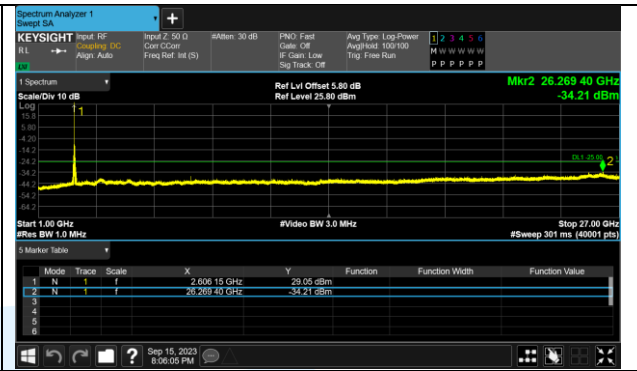
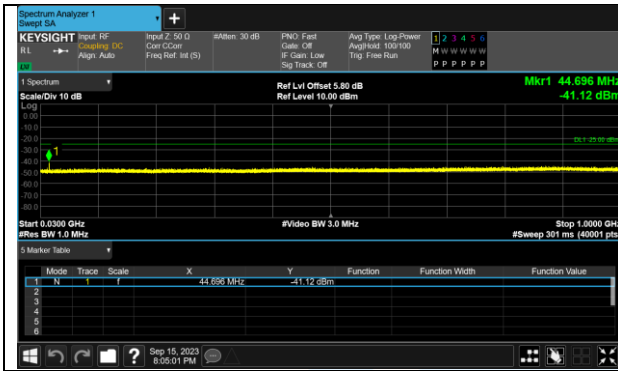


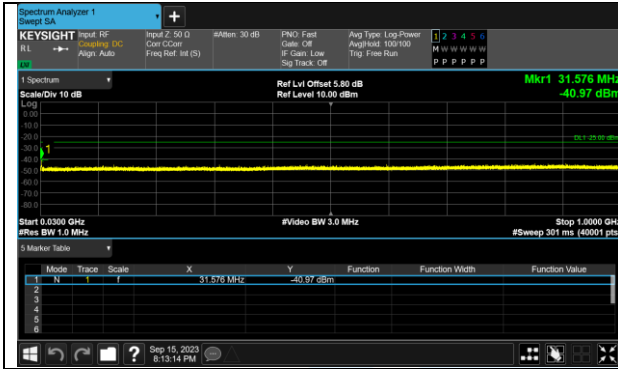
Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
38	5.0	38225	2617.5	QPSK	1@0	30	1000	-41.51	-25	PASS
38	5.0	38225	2617.5	QPSK	1@0	1000	27000	-34.33	-25	PASS
38	5.0	38225	2617.5	16QAM	1@0	30	1000	-41.83	-25	PASS
38	5.0	38225	2617.5	16QAM	1@0	1000	27000	-34.62	-25	PASS
38	10.0	38200	2615.0	QPSK	1@0	30	1000	-41.01	-25	PASS
38	10.0	38200	2615.0	QPSK	1@0	1000	27000	-34.94	-25	PASS
38	10.0	38200	2615.0	16QAM	1@0	30	1000	-42.25	-25	PASS
38	10.0	38200	2615.0	16QAM	1@0	1000	27000	-34.15	-25	PASS
38	15.0	38175	2612.5	QPSK	1@0	30	1000	-41.12	-25	PASS
38	15.0	38175	2612.5	QPSK	1@0	1000	27000	-34.21	-25	PASS
38	15.0	38175	2612.5	16QAM	1@0	30	1000	-40.66	-25	PASS
38	15.0	38175	2612.5	16QAM	1@0	1000	27000	-34.8	-25	PASS
38	20.0	38150	2610.0	QPSK	1@0	30	1000	-40.89	-25	PASS
38	20.0	38150	2610.0	QPSK	1@0	1000	27000	-34.24	-25	PASS
38	20.0	38150	2610.0	16QAM	1@0	30	1000	-41.53	-25	PASS
38	20.0	38150	2610.0	16QAM	1@0	1000	27000	-34.92	-25	PASS
38	5.0	38000	2595.0	QPSK	1@0	30	1000	-40.97	-25	PASS
38	5.0	38000	2595.0	QPSK	1@0	1000	27000	-35.04	-25	PASS
38	5.0	38000	2595.0	16QAM	1@0	30	1000	-41.5	-25	PASS
38	5.0	38000	2595.0	16QAM	1@0	1000	27000	-34.7	-25	PASS
38	10.0	38000	2595.0	QPSK	1@0	30	1000	-43.91	-25	PASS
38	10.0	38000	2595.0	QPSK	1@0	1000	27000	-34.68	-25	PASS
38	10.0	38000	2595.0	16QAM	1@0	30	1000	-44.46	-25	PASS
38	10.0	38000	2595.0	16QAM	1@0	1000	27000	-35.04	-25	PASS
38	15.0	38000	2595.0	QPSK	1@0	30	1000	-44.06	-25	PASS
38	15.0	38000	2595.0	QPSK	1@0	1000	27000	-34.66	-25	PASS
38	15.0	38000	2595.0	16QAM	1@0	30	1000	-44.22	-25	PASS
38	15.0	38000	2595.0	16QAM	1@0	1000	27000	-34.92	-25	PASS
38	20.0	38000	2595.0	QPSK	1@0	30	1000	-44.34	-25	PASS
38	20.0	38000	2595.0	QPSK	1@0	1000	27000	-34.57	-25	PASS
38	20.0	38000	2595.0	16QAM	1@0	30	1000	-44.2	-25	PASS
38	20.0	38000	2595.0	16QAM	1@0	1000	27000	-34.48	-25	PASS
38	5.0	37775	2572.5	QPSK	1@0	30	1000	-44.16	-25	PASS
38	5.0	37775	2572.5	QPSK	1@0	1000	27000	-34.57	-25	PASS
38	5.0	37775	2572.5	16QAM	1@0	30	1000	-37.71	-25	PASS
38	5.0	37775	2572.5	16QAM	1@0	1000	27000	-35.35	-25	PASS
38	10.0	37800	2575.0	QPSK	1@0	30	1000	-44.51	-25	PASS
38	10.0	37800	2575.0	QPSK	1@0	1000	27000	-34.33	-25	PASS
38	10.0	37800	2575.0	16QAM	1@0	30	1000	-44.17	-25	PASS
38	10.0	37800	2575.0	16QAM	1@0	1000	27000	-34.66	-25	PASS
38	15.0	37825	2577.5	QPSK	1@0	30	1000	-44.46	-25	PASS
38	15.0	37825	2577.5	QPSK	1@0	1000	27000	-34.49	-25	PASS
38	15.0	37825	2577.5	16QAM	1@0	30	1000	-44.54	-25	PASS
38	15.0	37825	2577.5	16QAM	1@0	1000	27000	-34.55	-25	PASS
38	20.0	37850	2580.0	QPSK	1@0	30	1000	-44.36	-25	PASS
38	20.0	37850	2580.0	QPSK	1@0	1000	27000	-34.47	-25	PASS
38	20.0	37850	2580.0	16QAM	1@0	30	1000	-43.82	-25	PASS
38	20.0	37850	2580.0	16QAM	1@0	1000	27000	-34.78	-25	PASS

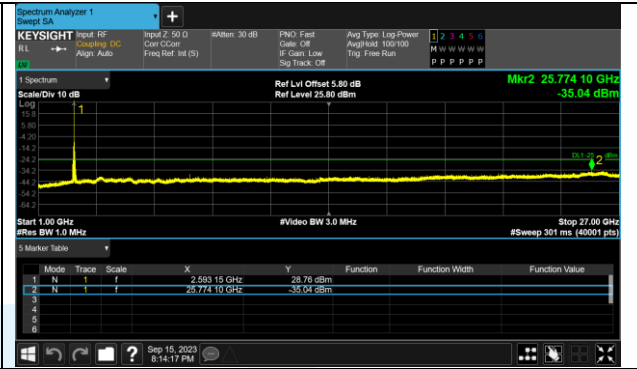
Test Graphs



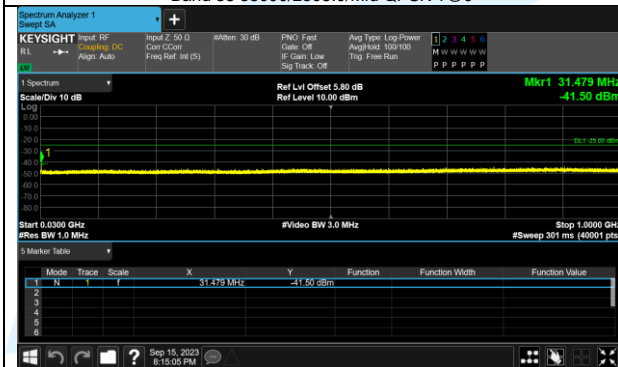




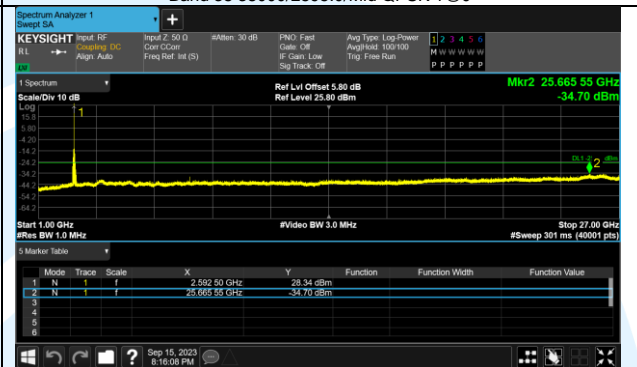
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



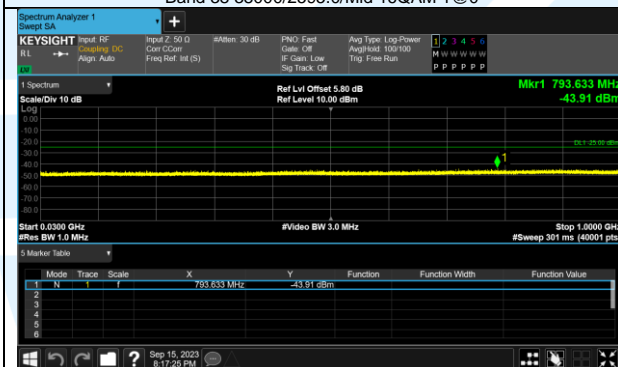
1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



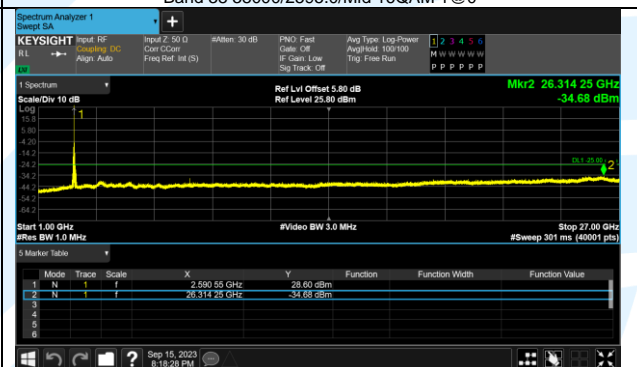
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



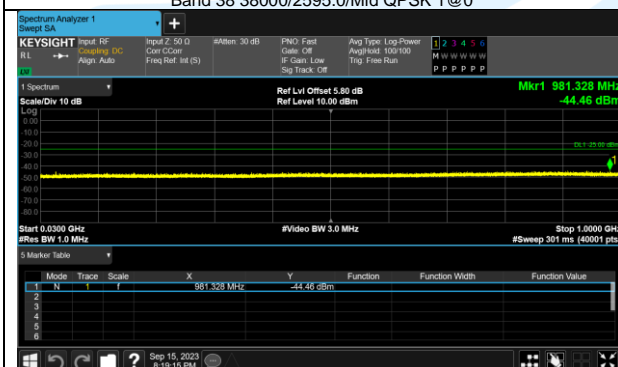
1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



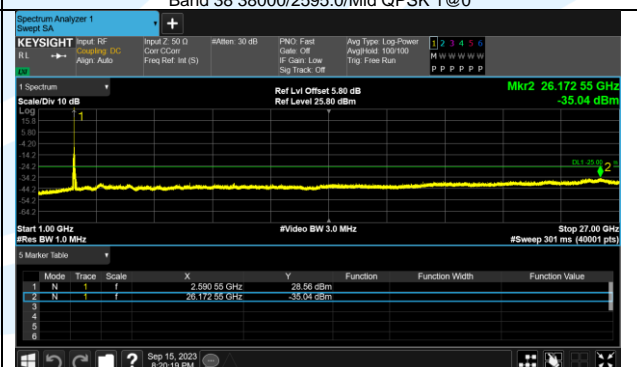
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



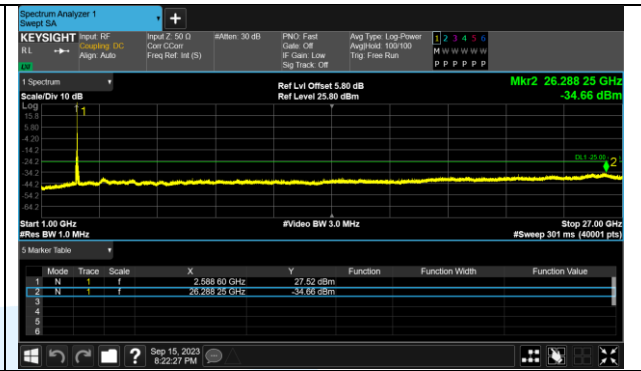
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



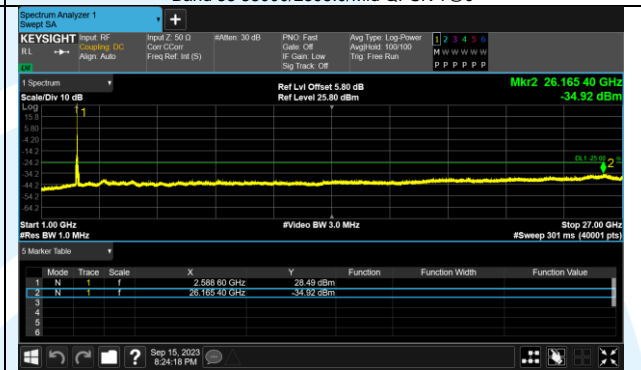
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



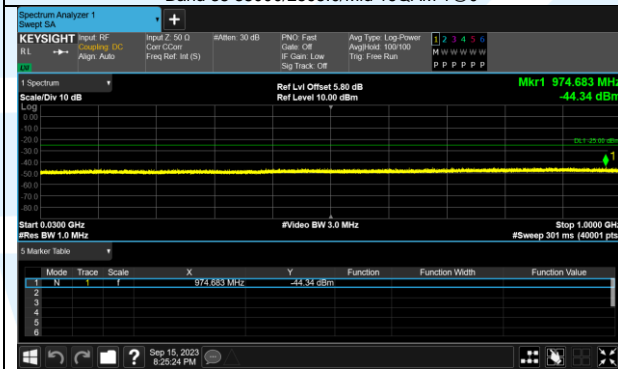
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Band 38 38000/2595.0/Mid QPSK 1 @0



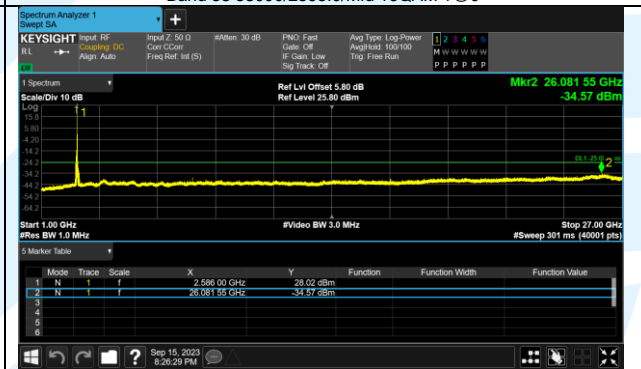
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



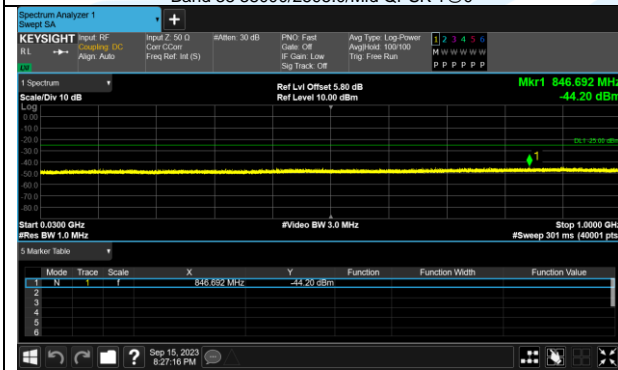
1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0



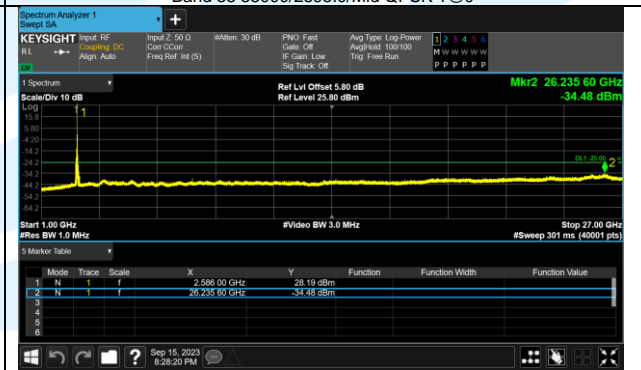
30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0



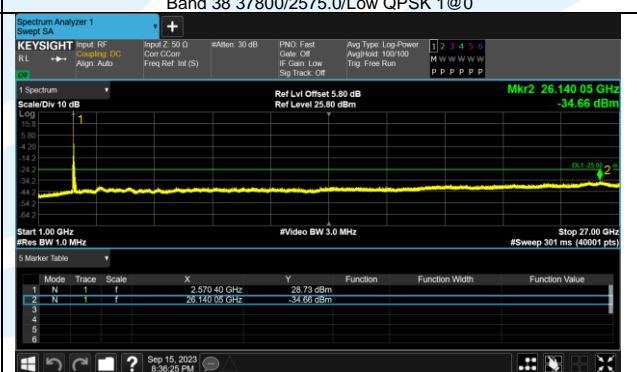
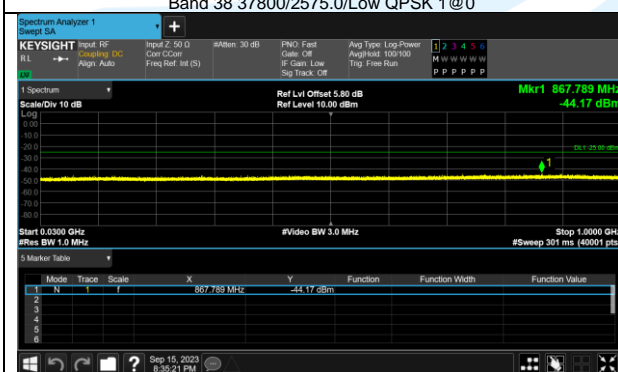
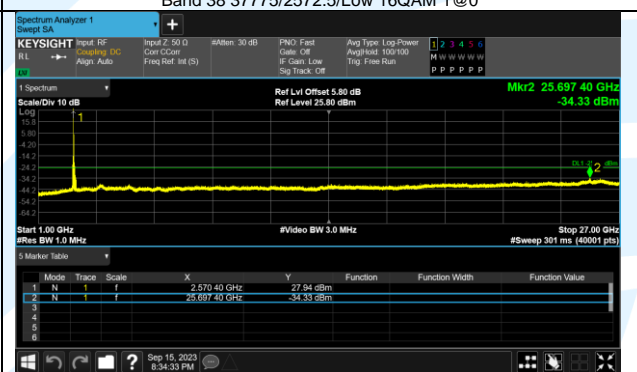
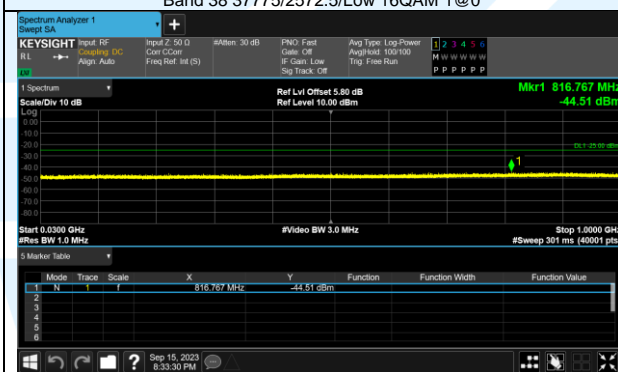
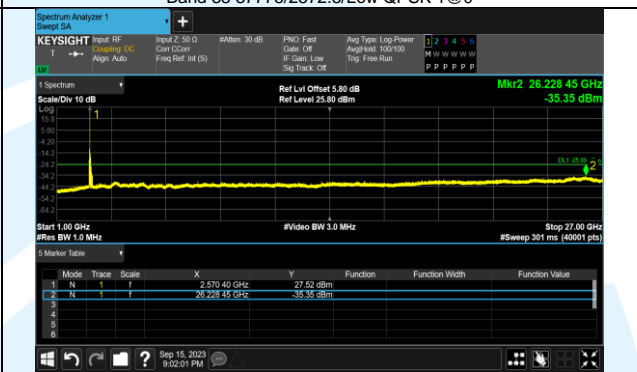
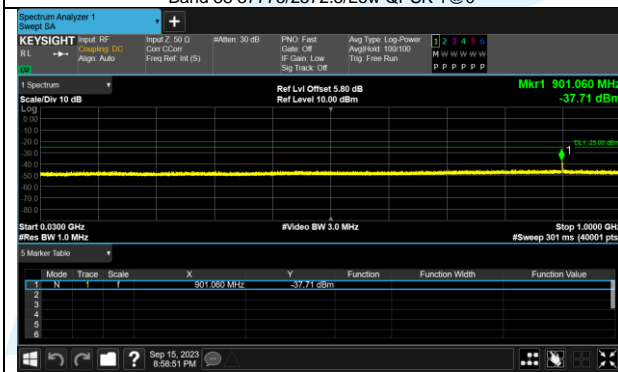
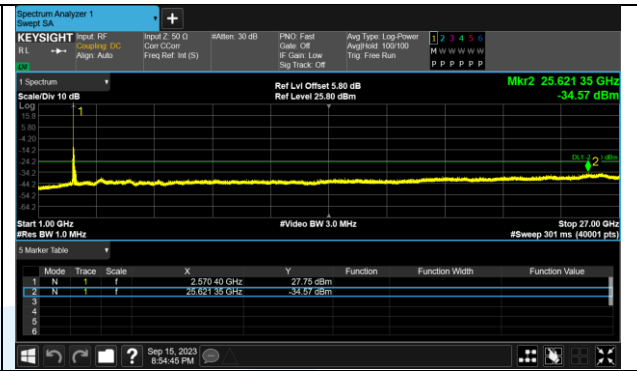
1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid QPSK 1 @0

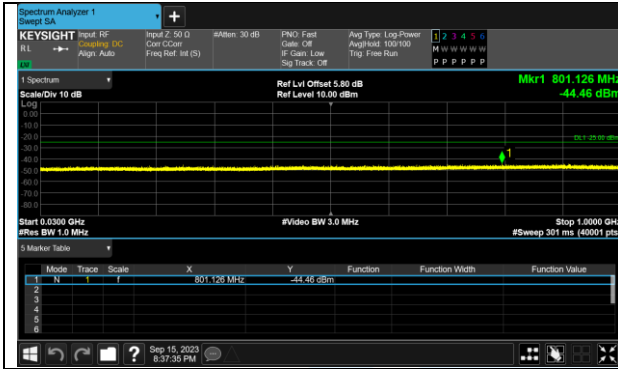


30.0MHz-1000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0

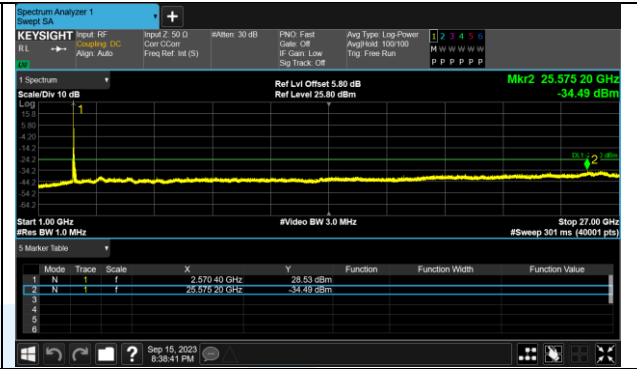


1000.0MHz-27000.0MHz
Band 38 38000/2595.0/Mid 16QAM 1 @0

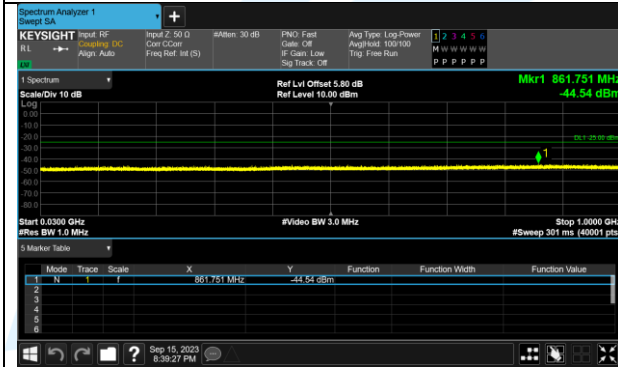




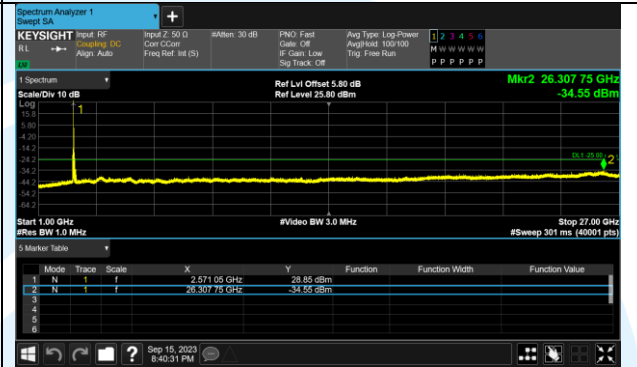
30.0MHz-1000.0MHz
Band 38 37825/2577.5/Low QPSK 1@0



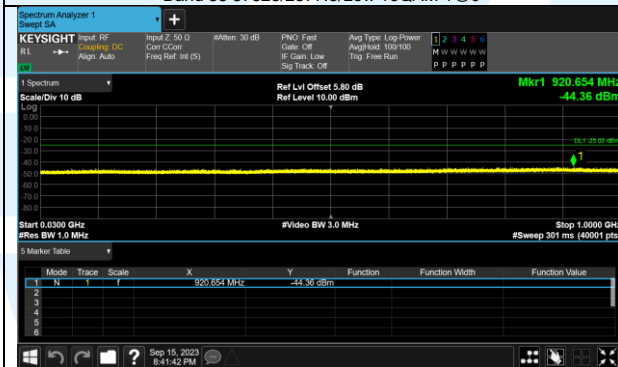
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Band 38 37825/2577.5/Low QPSK 1@0



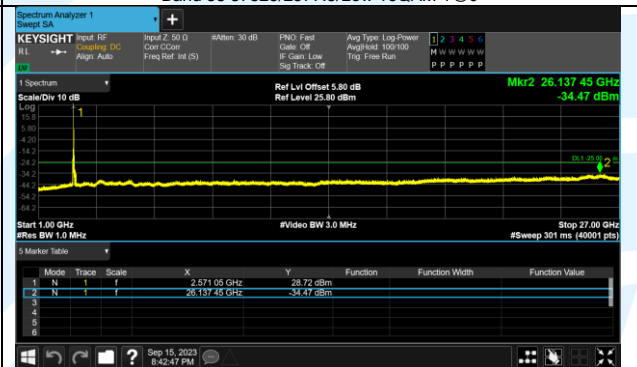
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Band 38 37825/2577.5/Low 16QAM 1@0



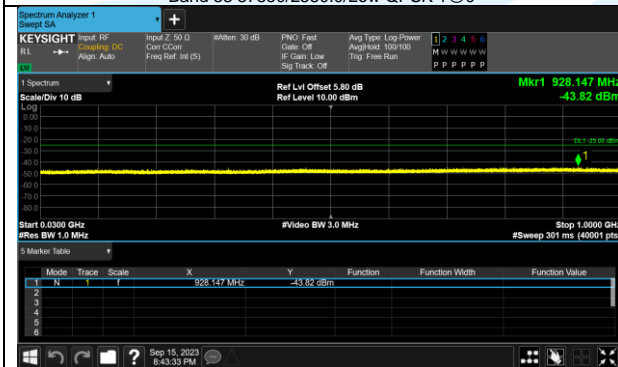
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Band 38 37825/2577.5/Low 16QAM 1@0



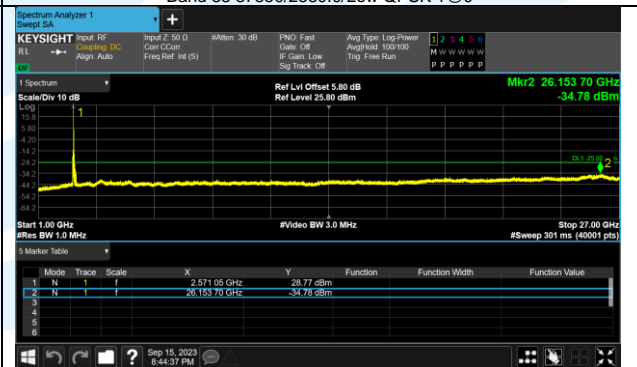
30.0MHz-1000.0MHz
Band 38 37850/2580.0/Low QPSK 1@0



1000.0MHz-27000.0MHz
Band 38 37850/2580.0/Low QPSK 1@0



30.0MHz-1000.0MHz
Band 38 37850/2580.0/Low 16QAM 1@0



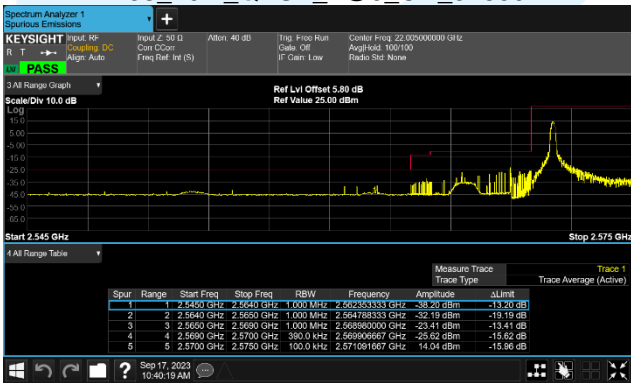
1000.0MHz-27000.0MHz
Band 38 37850/2580.0/Low 16QAM 1@0

Conducted Band Edge

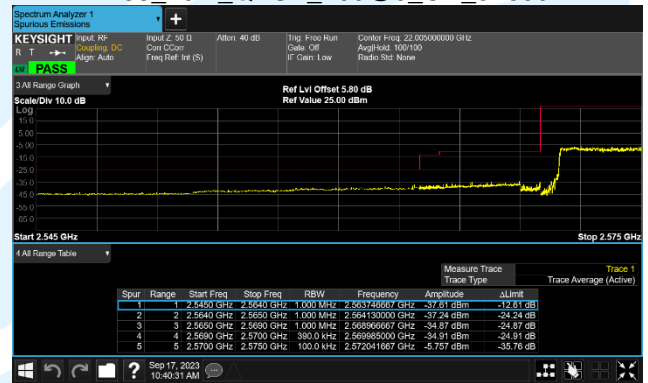
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
38	20.0	37850	2580.0	QPSK	1@0	see graph	PASS
38	20.0	37850	2580.0	QPSK	100@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	1@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	100@0	see graph	PASS
38	20.0	38150	2610.0	QPSK	1@99	see graph	PASS
38	20.0	38150	2610.0	QPSK	100@0	see graph	PASS
38	20.0	38150	2610.0	16QAM	1@99	see graph	PASS
38	20.0	38150	2610.0	16QAM	100@0	see graph	PASS
38	15.0	37825	2577.5	QPSK	1@0	see graph	PASS
38	15.0	37825	2577.5	QPSK	75@0	see graph	PASS
38	15.0	37825	2577.5	16QAM	1@0	see graph	PASS
38	15.0	37825	2577.5	16QAM	75@0	see graph	PASS
38	15.0	38175	2612.5	QPSK	1@74	see graph	PASS
38	15.0	38175	2612.5	QPSK	75@0	see graph	PASS
38	15.0	38175	2612.5	16QAM	1@74	see graph	PASS
38	15.0	38175	2612.5	16QAM	75@0	see graph	PASS
38	10.0	37800	2575.0	QPSK	1@0	see graph	PASS
38	10.0	37800	2575.0	QPSK	50@0	see graph	PASS
38	10.0	37800	2575.0	16QAM	1@0	see graph	PASS
38	10.0	37800	2575.0	16QAM	50@0	see graph	PASS
38	10.0	38200	2615.0	QPSK	1@49	see graph	PASS
38	10.0	38200	2615.0	QPSK	50@0	see graph	PASS
38	10.0	38200	2615.0	16QAM	1@49	see graph	PASS
38	10.0	38200	2615.0	16QAM	50@0	see graph	PASS
38	5.0	37775	2572.5	QPSK	1@0	see graph	PASS
38	5.0	37775	2572.5	QPSK	25@0	see graph	PASS
38	5.0	37775	2572.5	16QAM	1@0	see graph	PASS
38	5.0	37775	2572.5	16QAM	25@0	see graph	PASS
38	5.0	38225	2617.5	QPSK	1@24	see graph	PASS
38	5.0	38225	2617.5	QPSK	25@0	see graph	PASS
38	5.0	38225	2617.5	16QAM	1@24	see graph	PASS
38	5.0	38225	2617.5	16QAM	25@0	see graph	PASS

Test Graphs

B38_20M_QPSK_1@0_CH_37850



B38_20M_QPSK_100@0_CH_37850



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Tel: +86-755-28230888

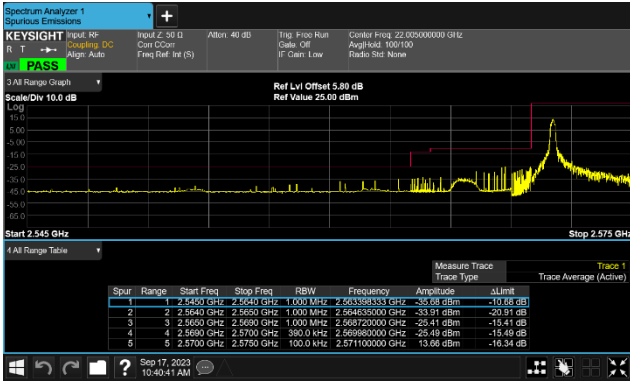
Fax: +86-755-28230886

E-mail: info@uttlab.com

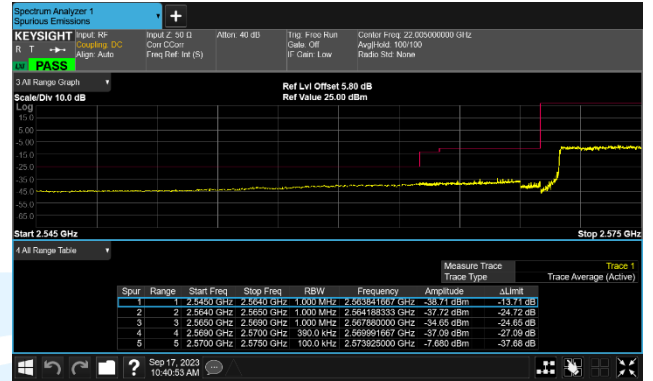
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

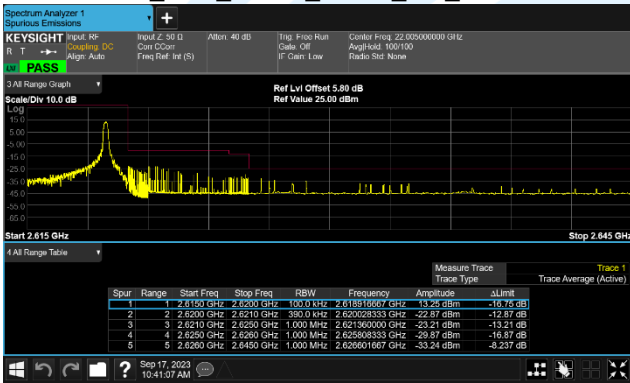
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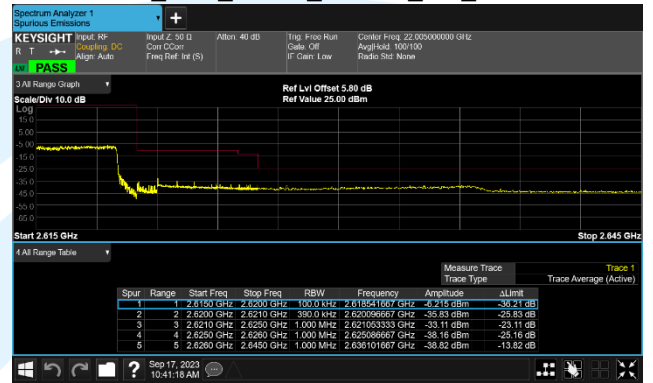
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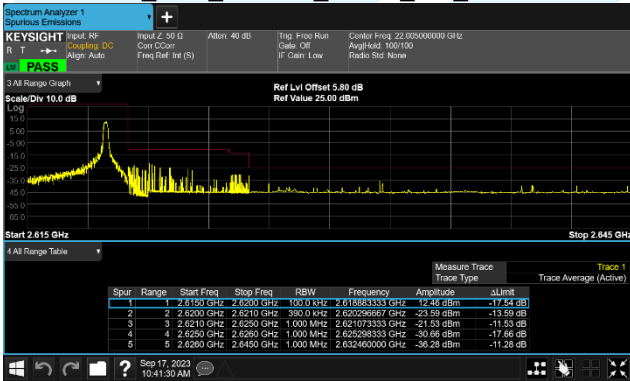
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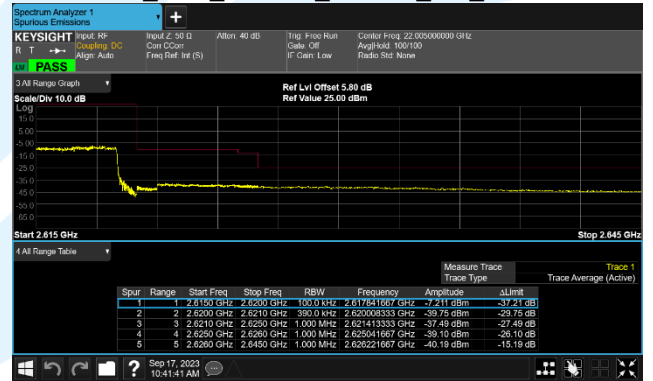
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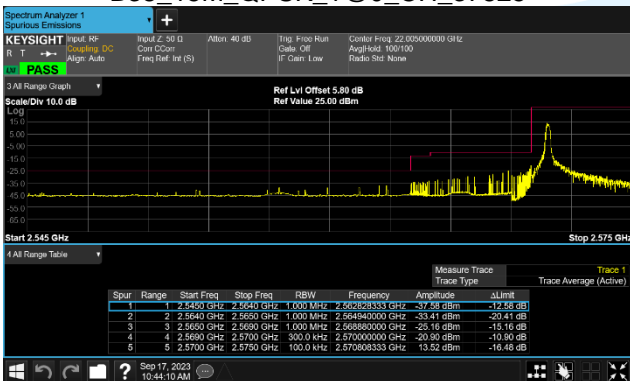
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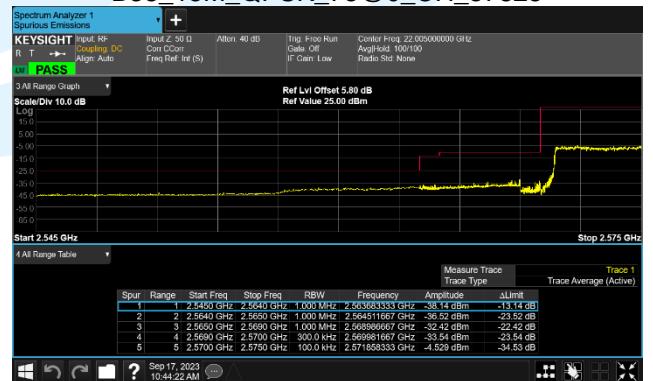
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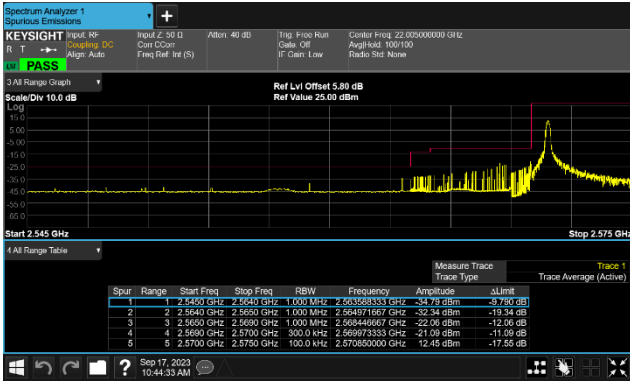
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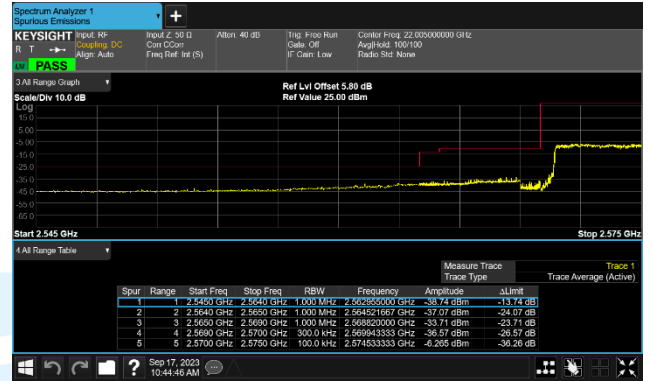
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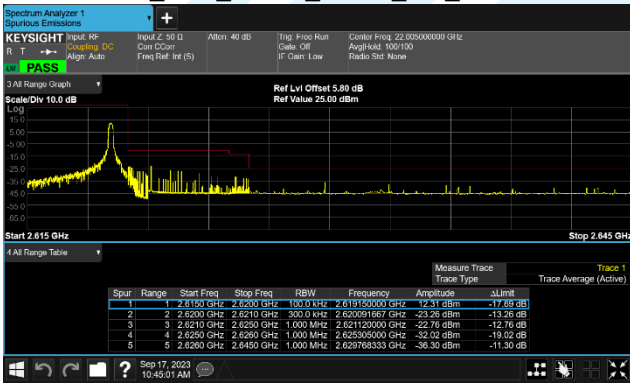
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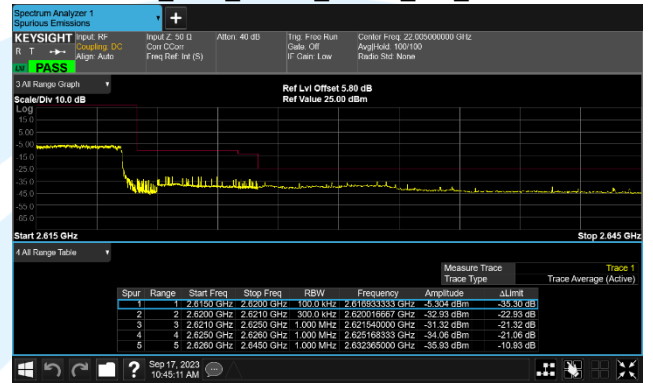
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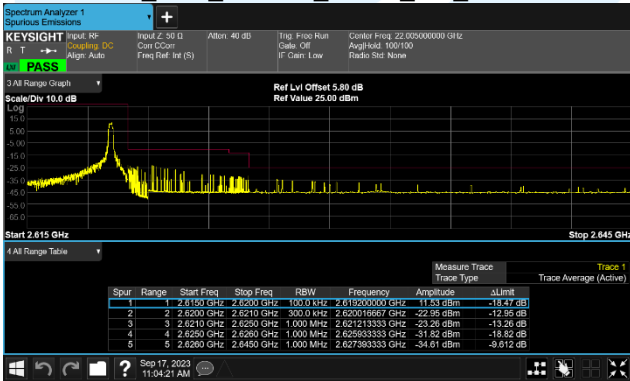
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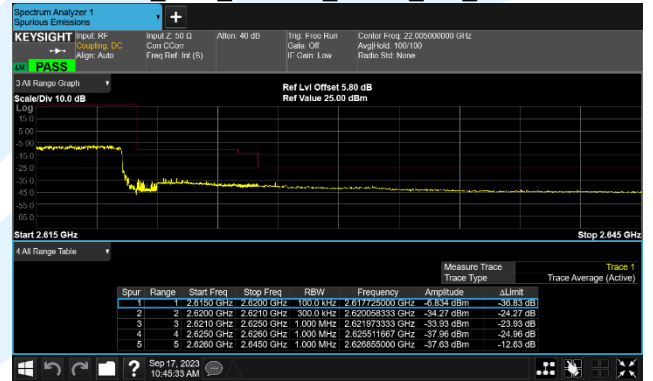
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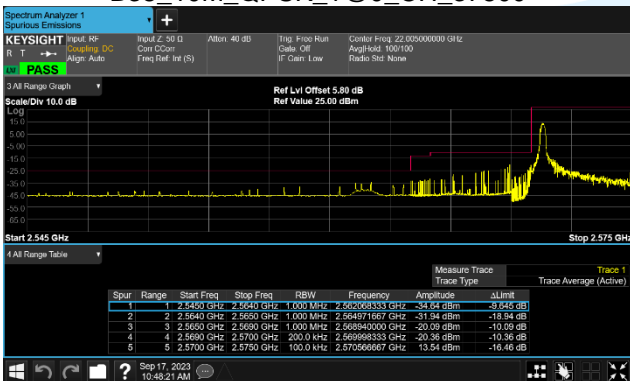
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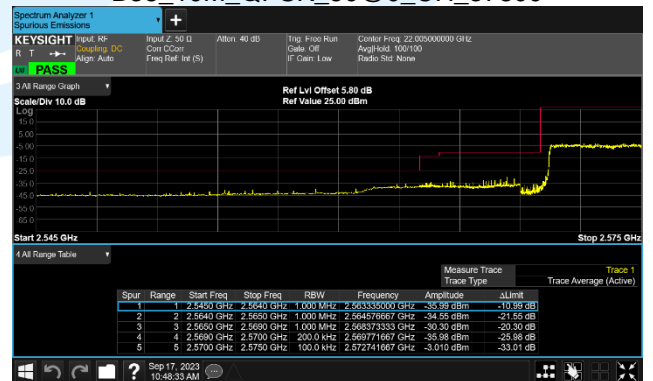
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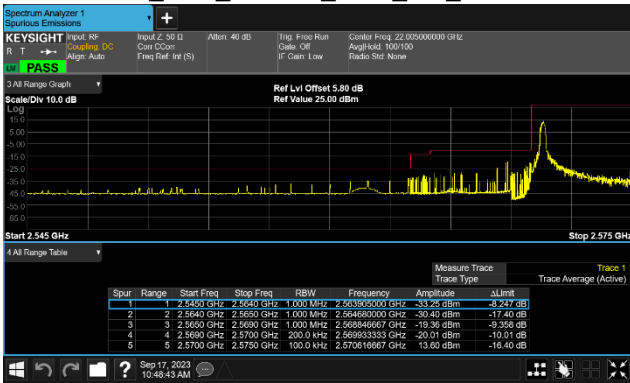
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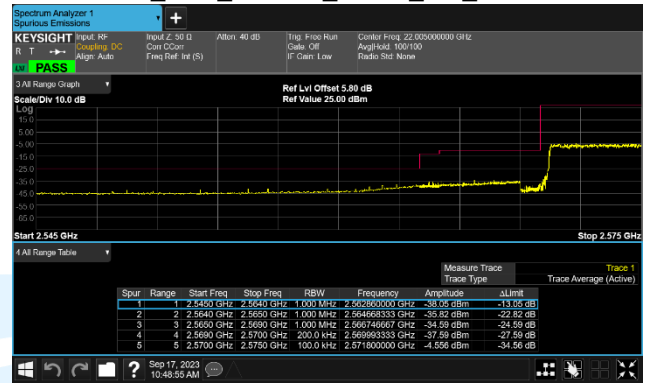
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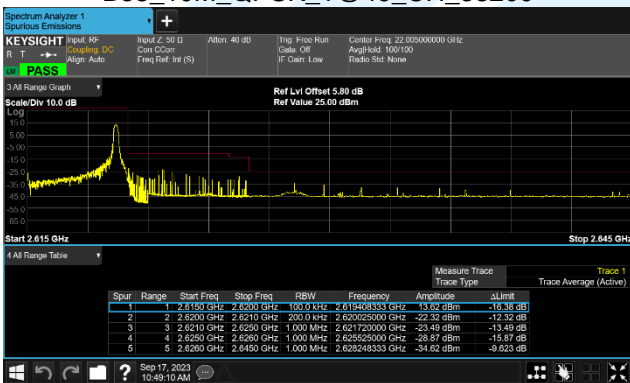
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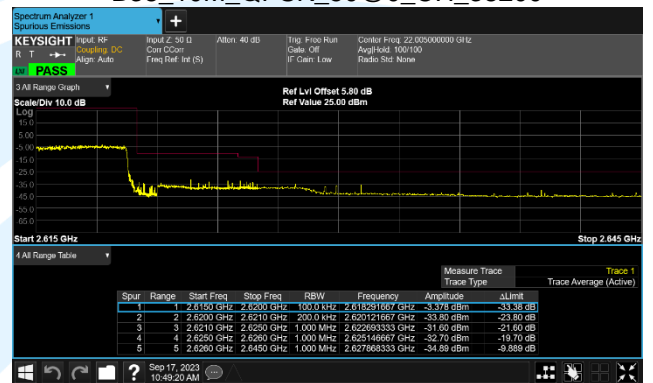
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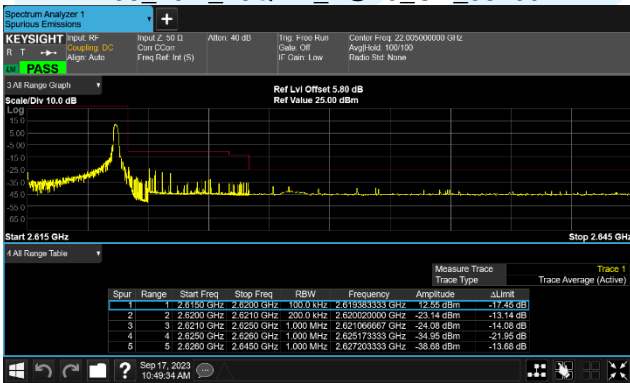
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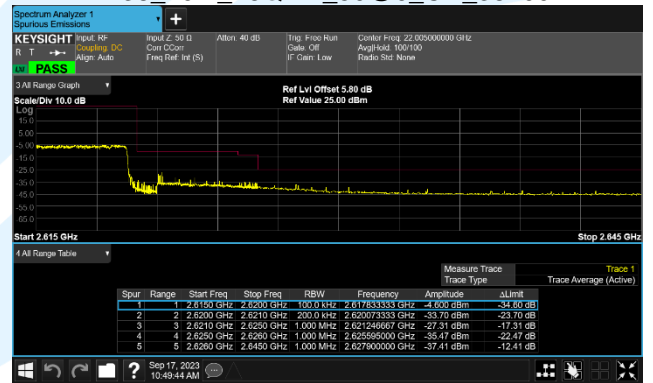
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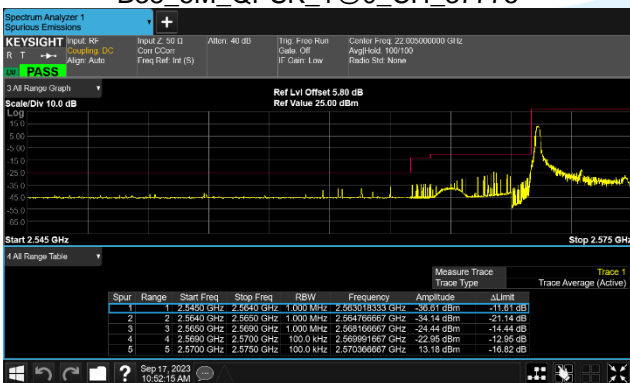
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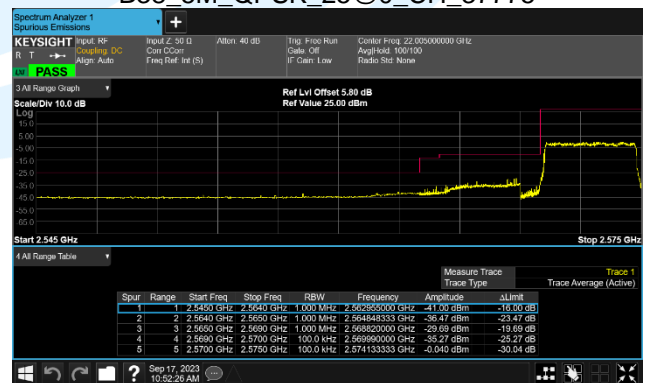
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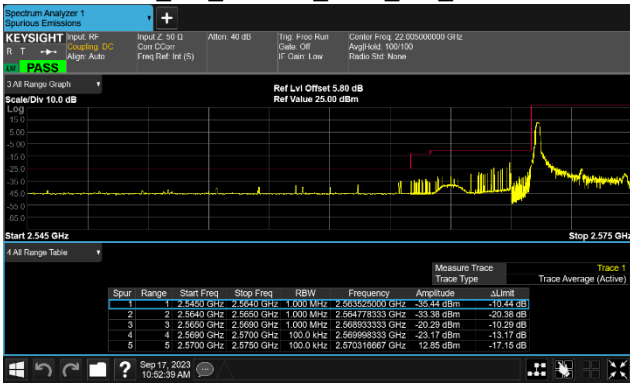
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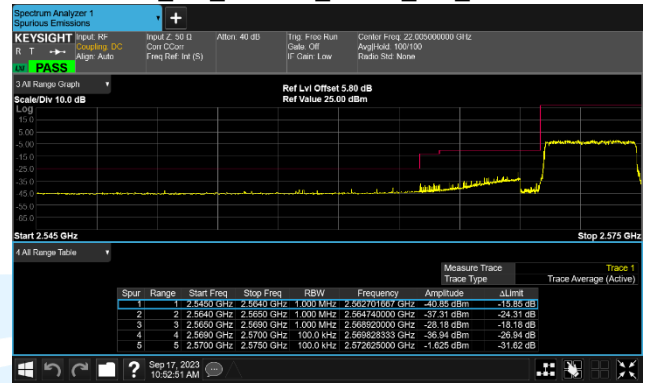
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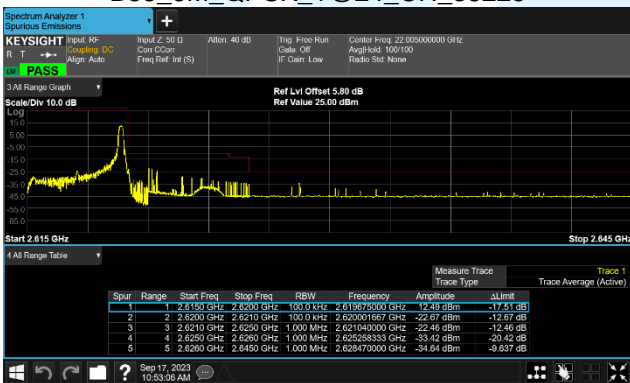
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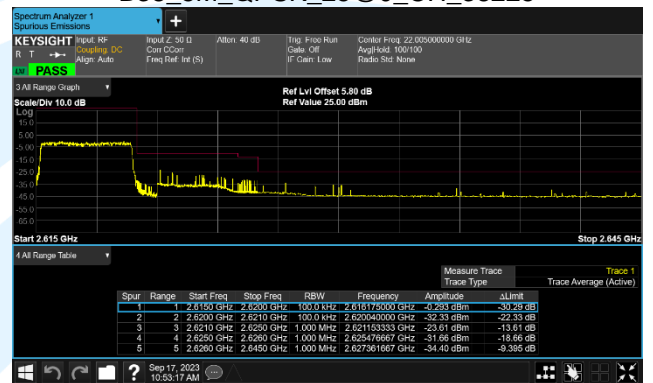
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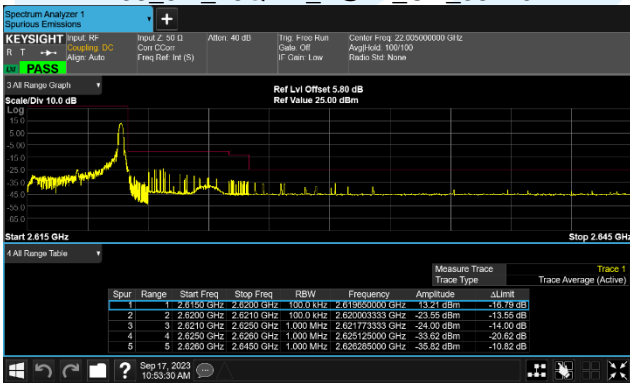
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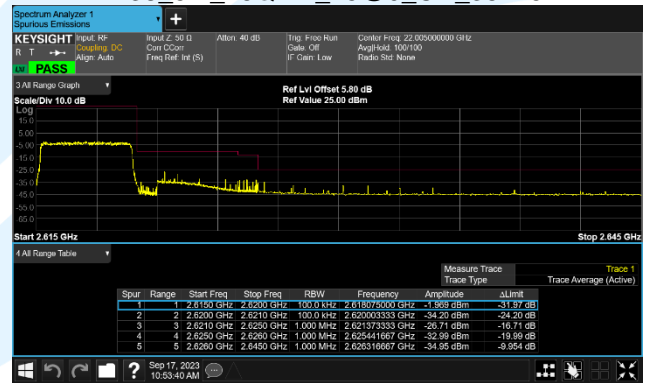
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B38_5M_16QAM_1@24_CH_38225



B38_5M_16QAM_25@0_CH_38225



APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

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