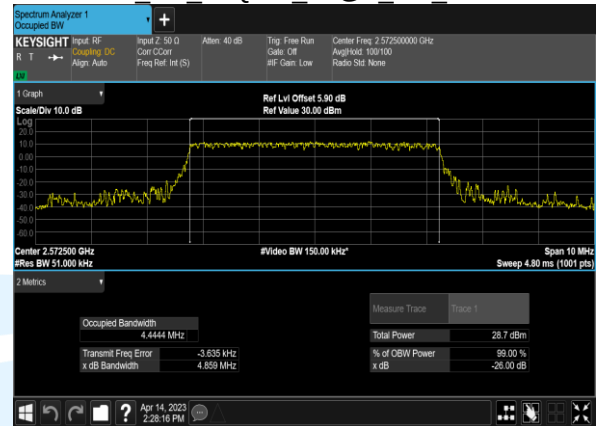


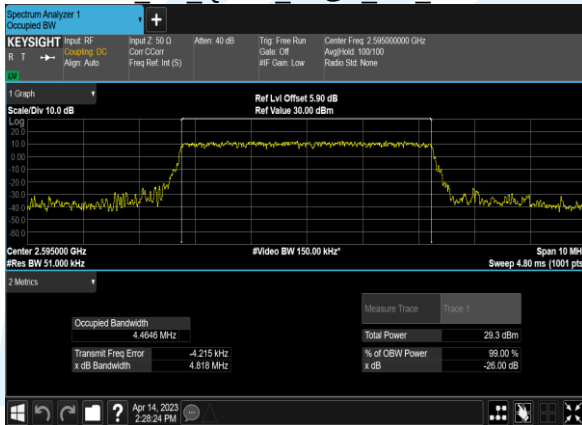
B38 5M QPSK 25@0 CH 37775



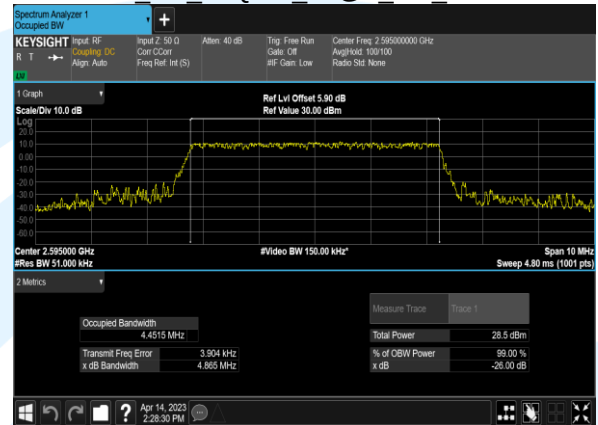
B38 5M 16QAM 25@0 CH 37775



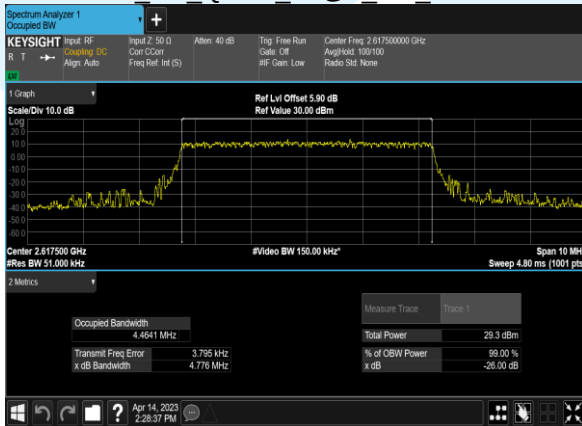
B38 5M QPSK 25@0 CH 38000



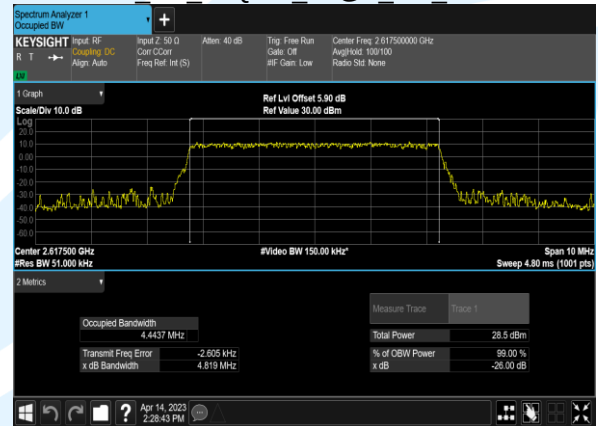
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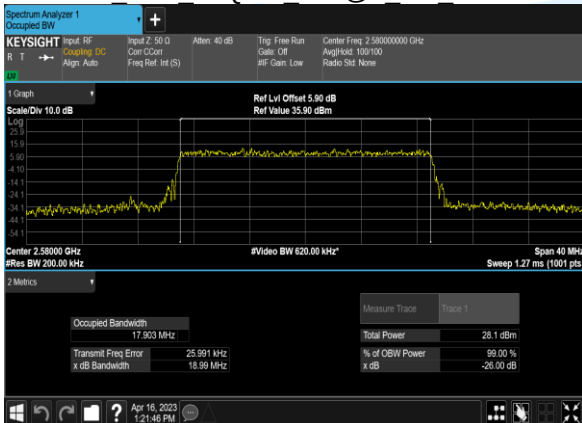
B38 5M QPSK 25@0 CH 38225



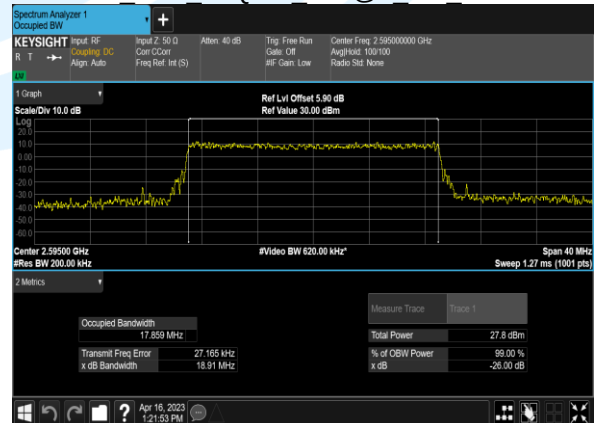
B38 5M 16QAM 25@0 CH 38225



B38 20M 64QAM 100@0 CH 37850



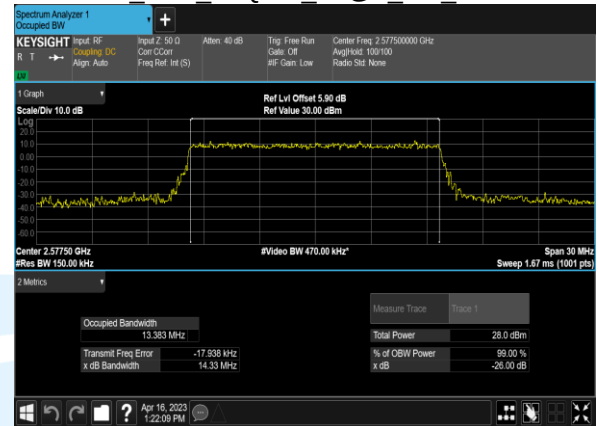
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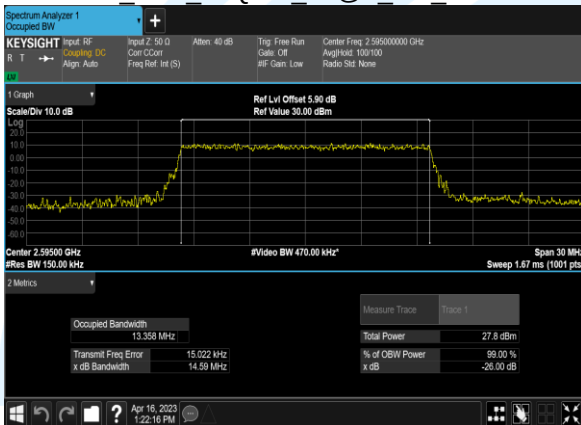
B38 20M 64QAM 100@0 CH 38150



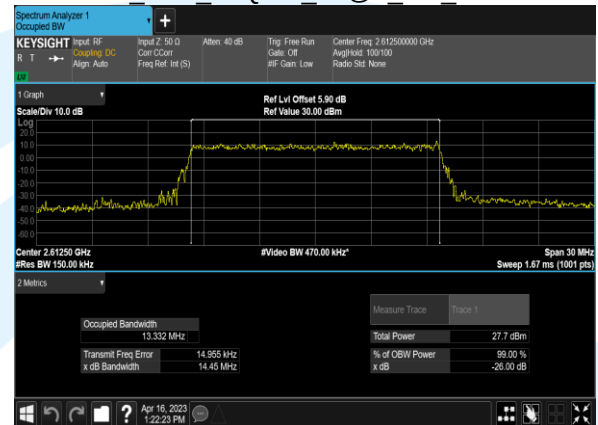
B38 15M 64QAM 75@0 CH 37825



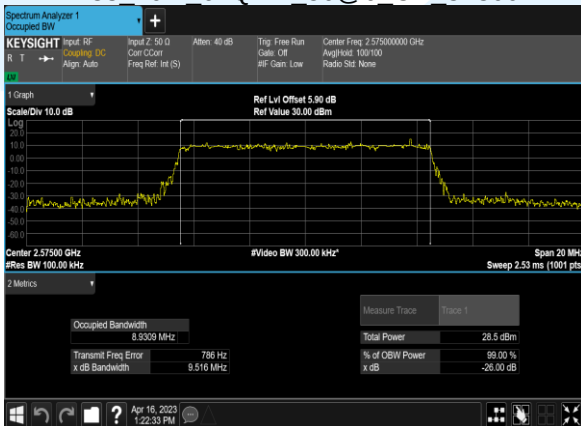
B38 15M 64QAM 75@0 CH 38000



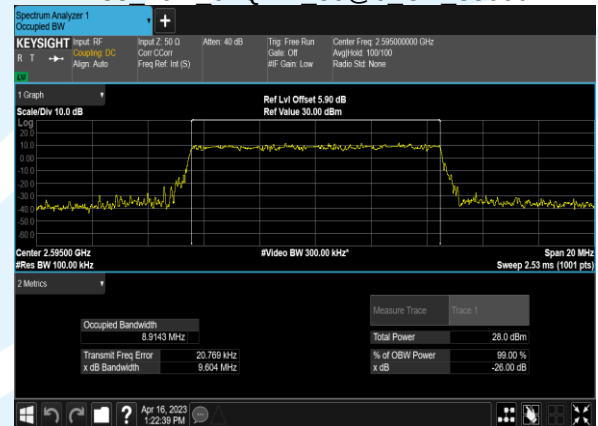
B38 15M 64QAM 75@0 CH 38175



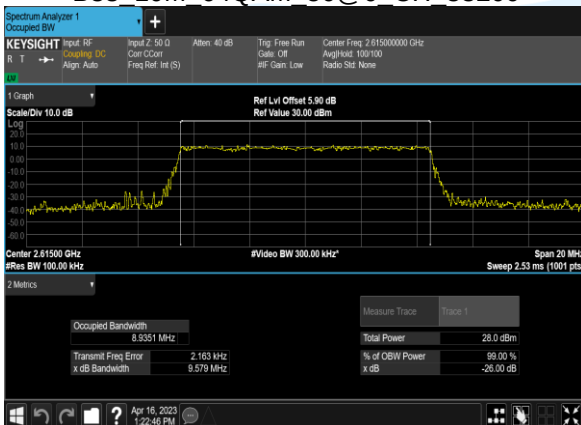
B38 10M 64QAM 50@0 CH 37800



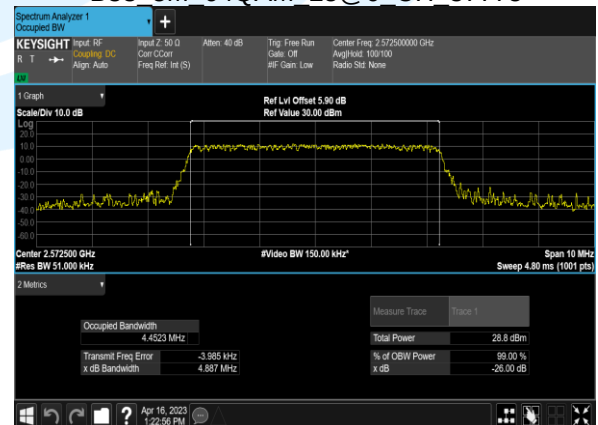
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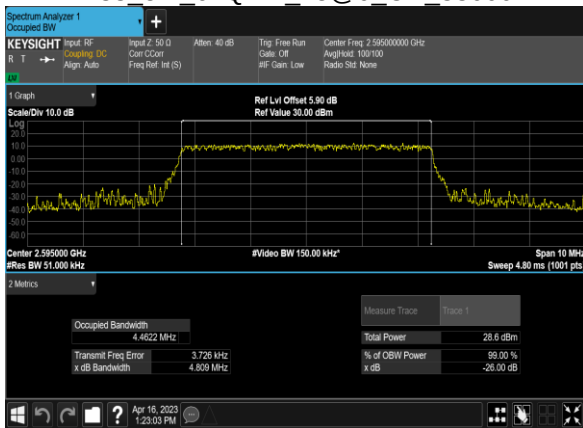
B38 10M 64QAM 50@0 CH 38200



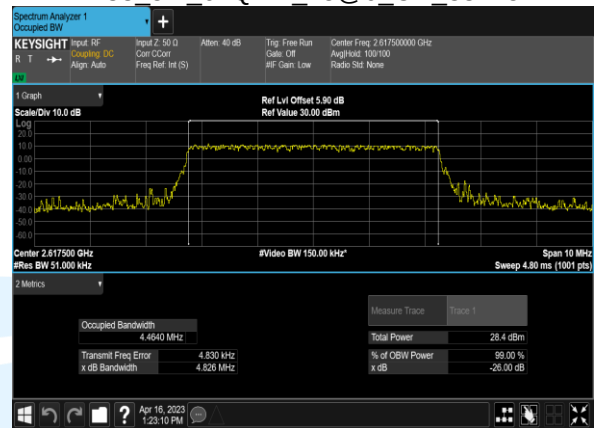
B38 5M 64QAM 25@0 CH 37775



B38 5M 64QAM 25@0 CH 38000



B38 5M 64QAM 25@0 CH 38225



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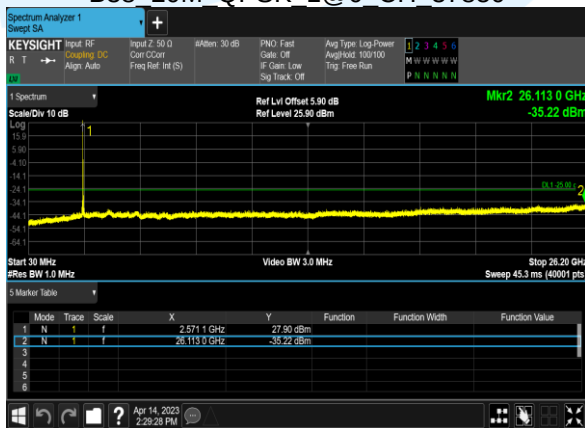
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Conducted Spurious Emissions

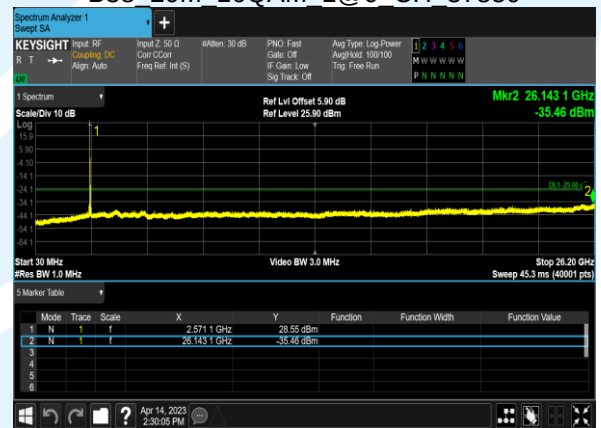
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
38	20.0	37850	2580.0	QPSK	1@0	-35.22	-25	PASS
38	20.0	37850	2580.0	16QAM	1@0	-35.46	-25	PASS
38	20.0	38000	2595.0	QPSK	1@0	-35.42	-25	PASS
38	20.0	38000	2595.0	16QAM	1@0	-35.17	-25	PASS
38	20.0	38150	2610.0	QPSK	1@0	-33.59	-25	PASS
38	20.0	38150	2610.0	16QAM	1@0	-35.45	-25	PASS
38	15.0	37825	2577.5	QPSK	1@0	-34.83	-25	PASS
38	15.0	37825	2577.5	16QAM	1@0	-35.43	-25	PASS
38	15.0	38000	2595.0	QPSK	1@0	-35.12	-25	PASS
38	15.0	38000	2595.0	16QAM	1@0	-34.92	-25	PASS
38	15.0	38175	2612.5	QPSK	1@0	-35.08	-25	PASS
38	15.0	38175	2612.5	16QAM	1@0	-34.29	-25	PASS
38	10.0	37800	2575.0	QPSK	1@0	-34.6	-25	PASS
38	10.0	37800	2575.0	16QAM	1@0	-34.11	-25	PASS
38	10.0	38000	2595.0	QPSK	1@0	-34.78	-25	PASS
38	10.0	38000	2595.0	16QAM	1@0	-35.43	-25	PASS
38	10.0	38200	2615.0	QPSK	1@0	-35.72	-25	PASS
38	10.0	38200	2615.0	16QAM	1@0	-34.92	-25	PASS
38	5.0	37775	2572.5	QPSK	1@0	-35.19	-25	PASS
38	5.0	37775	2572.5	16QAM	1@0	-35.56	-25	PASS
38	5.0	38000	2595.0	QPSK	1@0	-34.98	-25	PASS
38	5.0	38000	2595.0	16QAM	1@0	-34.93	-25	PASS
38	5.0	38225	2617.5	QPSK	1@0	-35.36	-25	PASS
38	5.0	38225	2617.5	16QAM	1@0	-35.34	-25	PASS
38	20.0	37850	2580.0	64QAM	1@0	-35.13	-25	PASS
38	20.0	38000	2595.0	64QAM	1@0	-34.57	-25	PASS
38	20.0	38150	2610.0	64QAM	1@0	-35.54	-25	PASS
38	15.0	37825	2577.5	64QAM	1@0	-35.34	-25	PASS
38	15.0	38000	2595.0	64QAM	1@0	-35.43	-25	PASS
38	15.0	38175	2612.5	64QAM	1@0	-35.81	-25	PASS
38	10.0	37800	2575.0	64QAM	1@0	-35.33	-25	PASS
38	10.0	38000	2595.0	64QAM	1@0	-34.76	-25	PASS
38	10.0	38200	2615.0	64QAM	1@0	-35.06	-25	PASS
38	5.0	37775	2572.5	64QAM	1@0	-35.28	-25	PASS
38	5.0	38000	2595.0	64QAM	1@0	-34.32	-25	PASS
38	5.0	38225	2617.5	64QAM	1@0	-35.37	-25	PASS

Test Graphs

B38 20M QPSK 1@0 CH 37850



B38 20M 16QAM 1@0 CH 37850



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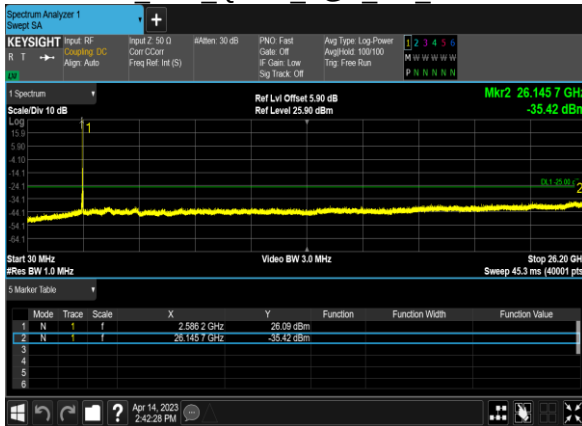
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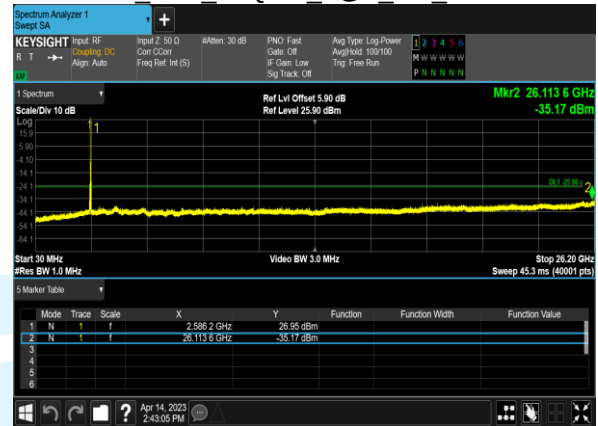
<http://www.uttlab.com>

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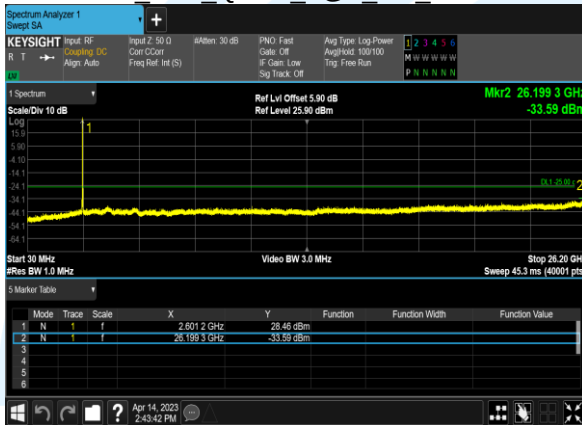
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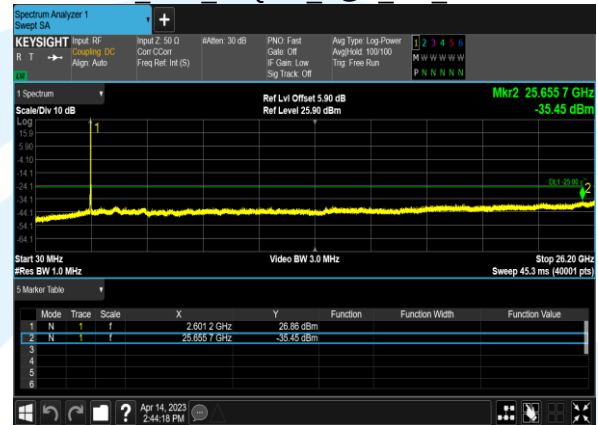
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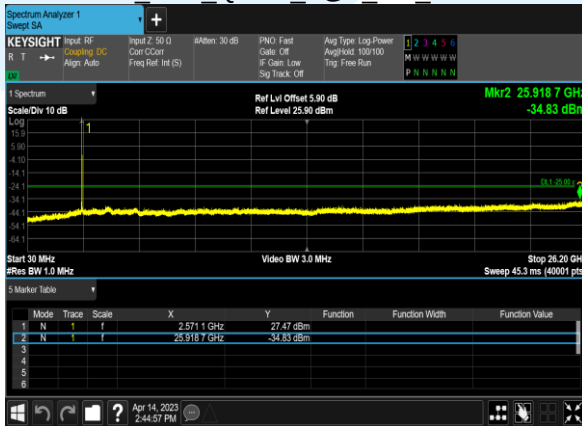
B38 20M QPSK 1@0 CH 38150



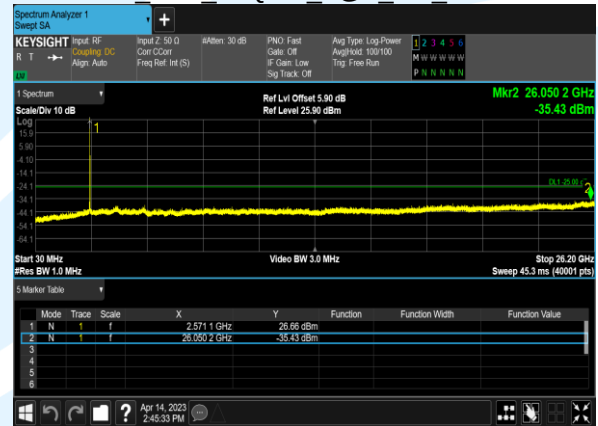
B38 20M 16QAM 1@0 CH 38150



B38 15M QPSK 1@0 CH 37825



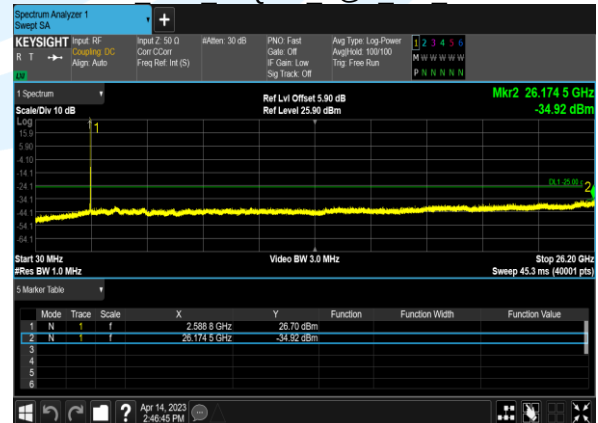
B38 15M 16QAM 1@0 CH 37825



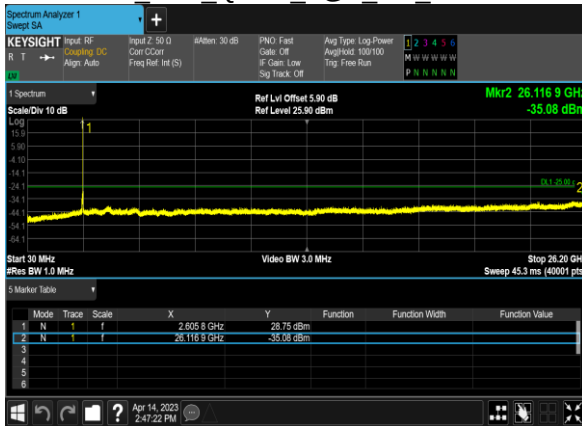
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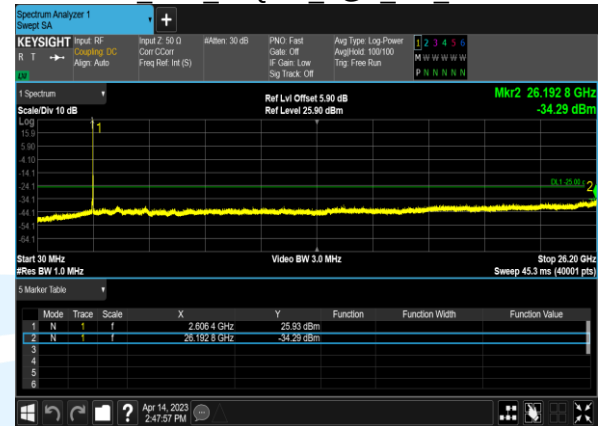
B38 15M 16QAM 1@0 CH 38000



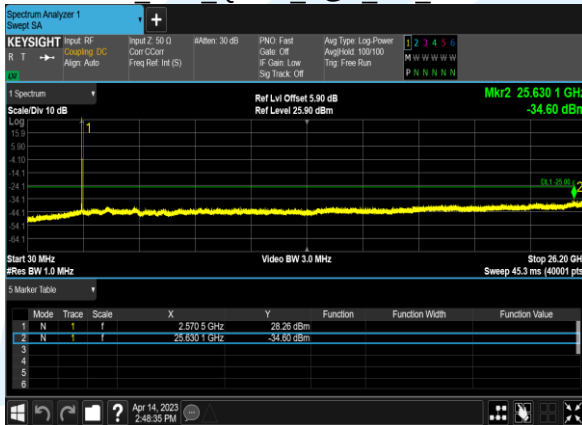
B38 15M QPSK 1@0 CH 38175



B38 15M 16QAM 1@0 CH 38175



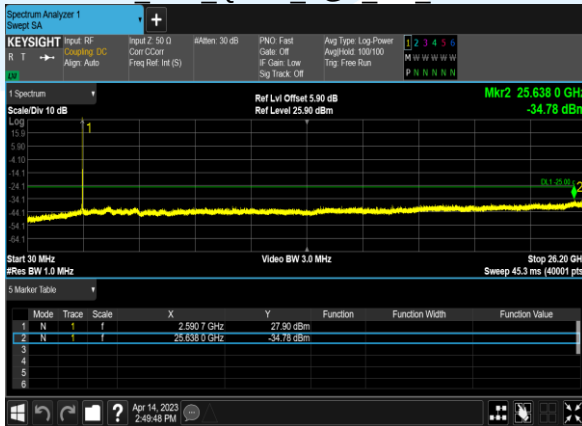
B38 10M QPSK 1@0 CH 37800



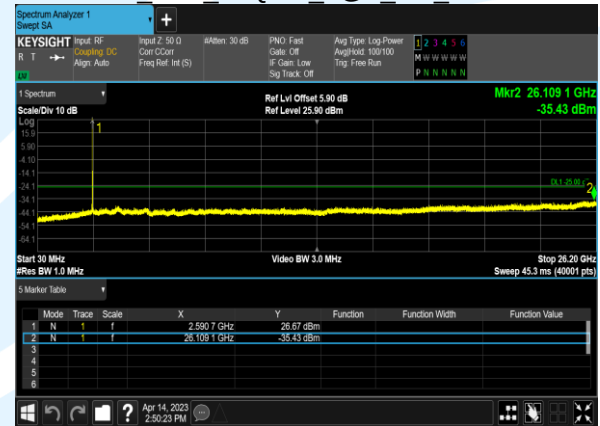
B38 10M 16QAM 1@0 CH 37800



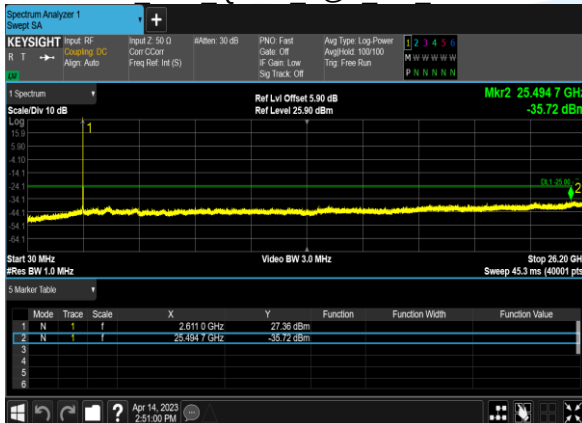
B38 10M QPSK 1@0 CH 38000



B38 10M 16QAM 1@0 CH 38000



B38 10M QPSK 1@0 CH 38200



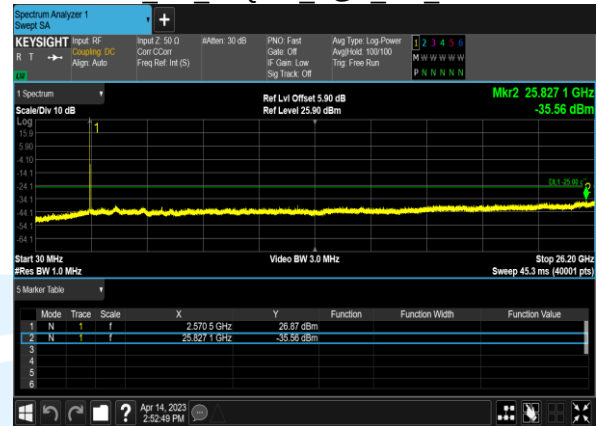
B38 10M 16QAM 1@0 CH 38200



B38 5M QPSK 1@0 CH 37775



B38 5M 16QAM 1@0 CH 37775



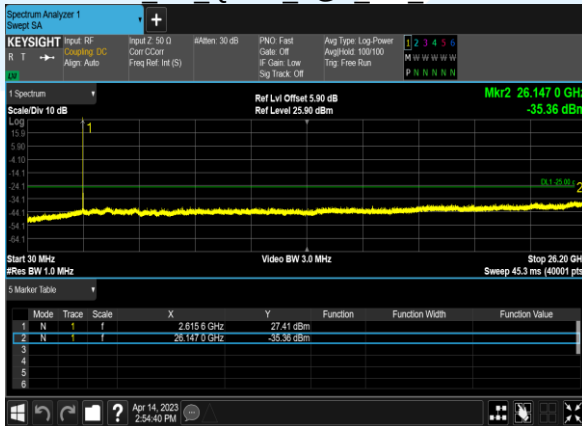
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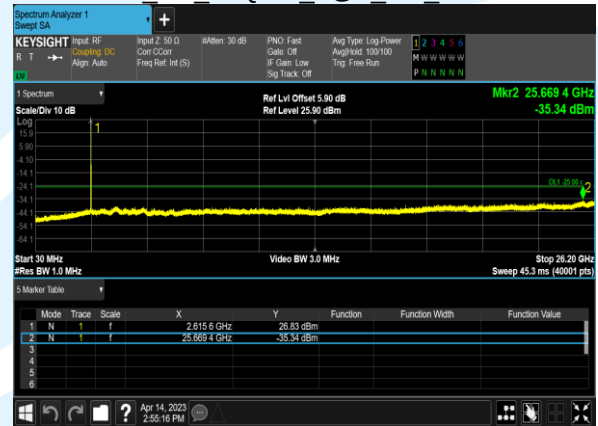
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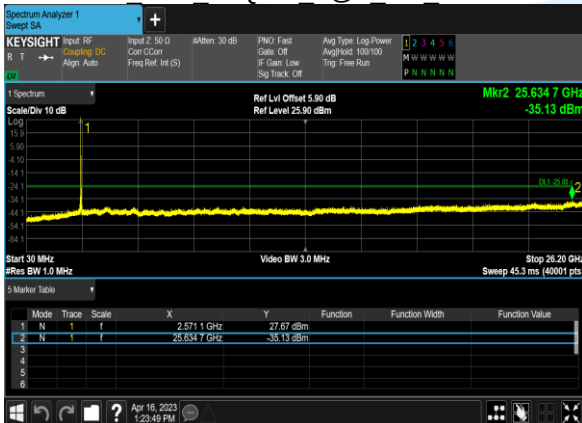
B38 5M QPSK 1@0 CH 38225



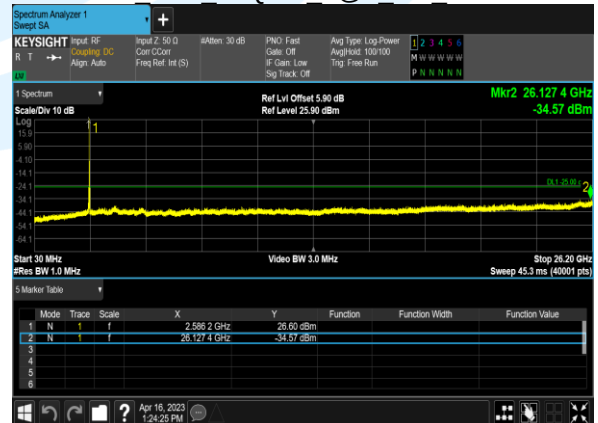
B38 5M 16QAM 1@0 CH 38225



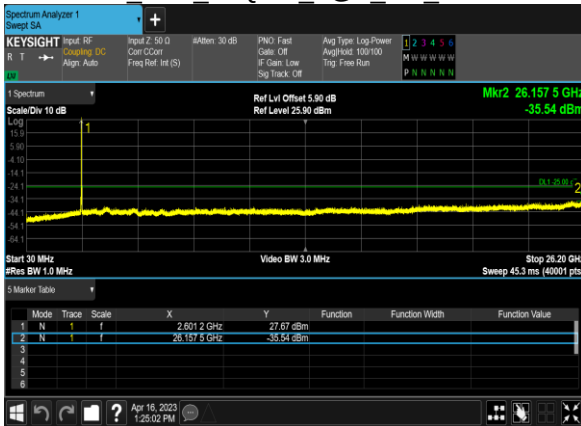
B38 20M 64QAM 1@0 CH 37850



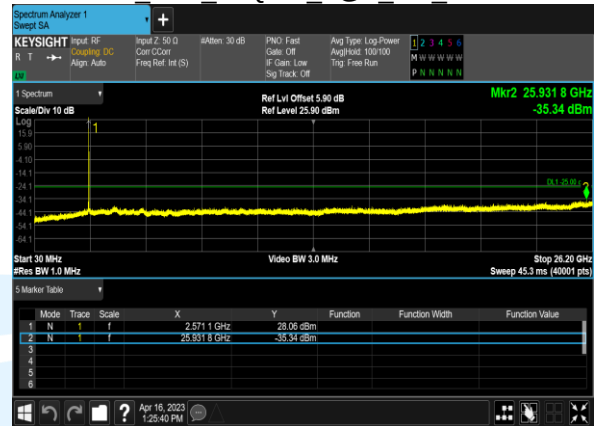
B38 20M 64QAM 1@0 CH 38000



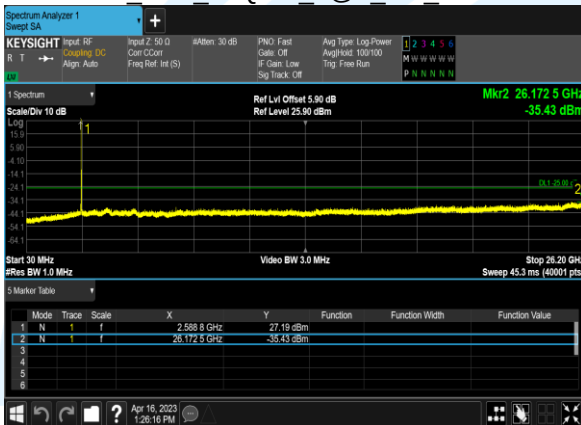
B38 20M 64QAM 1@0 CH 38150



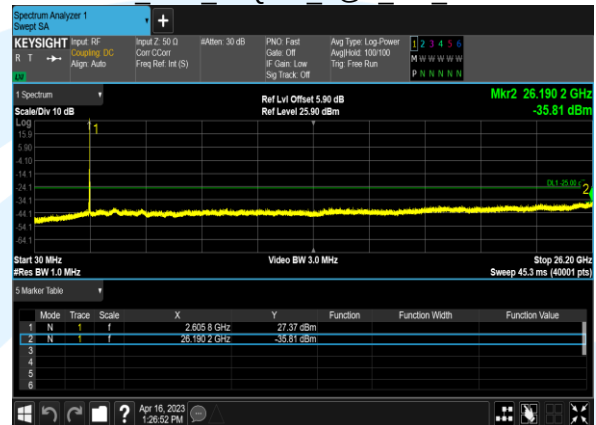
B38 15M 64QAM 1@0 CH 37825



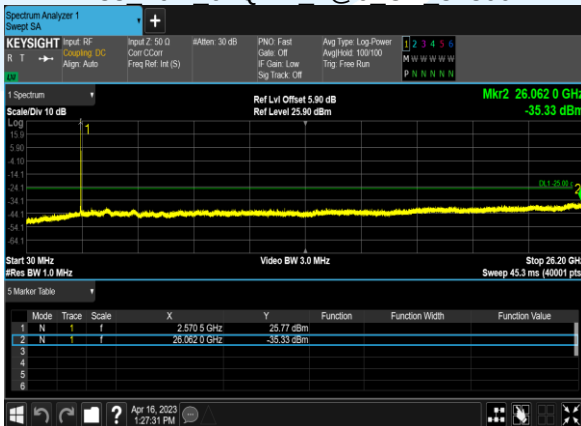
B38 15M 64QAM 1@0 CH 38000



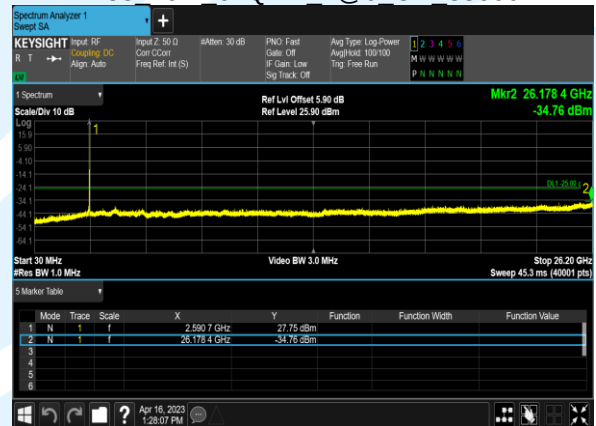
B38 15M 64QAM 1@0 CH 38175



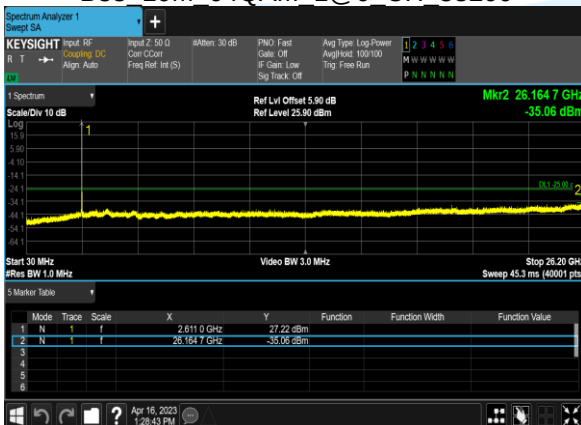
B38 10M 64QAM 1@0 CH 37800



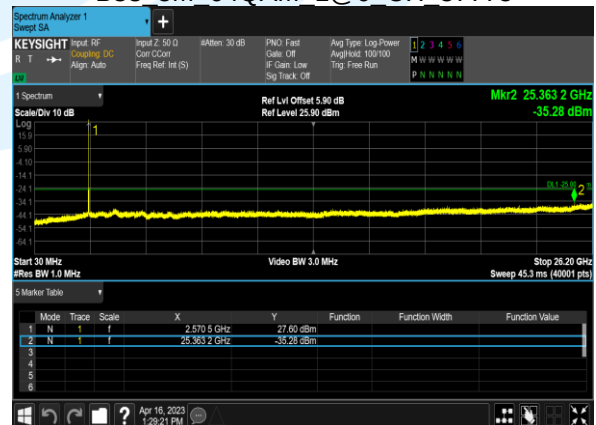
B38 10M 64QAM 1@0 CH 38000



B38 10M 64QAM 1@0 CH 38200



B38 5M 64QAM 1@0 CH 37775



B38 5M 64QAM 1@0 CH 38000



B38 5M 64QAM 1@0 CH 38225



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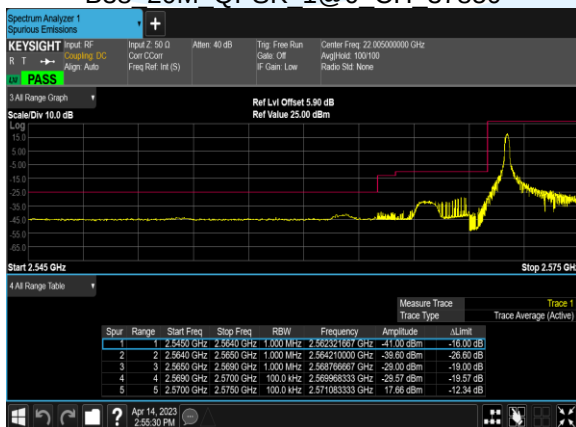
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Conducted Band Edge

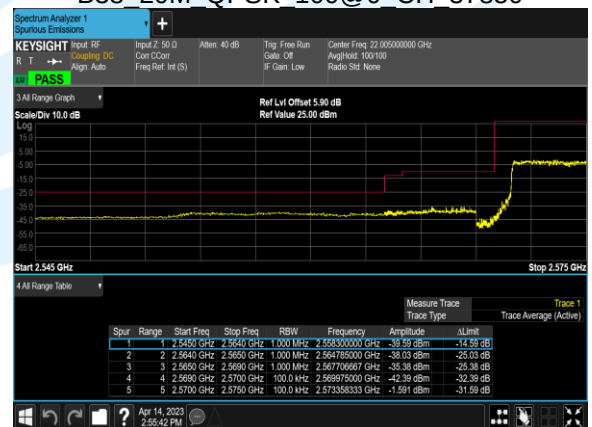
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
38	20.0	37850	2580.0	QPSK	1@0	see graph	PASS
38	20.0	37850	2580.0	QPSK	100@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	1@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	100@0	see graph	PASS
38	20.0	38150	2610.0	QPSK	1@99	see graph	PASS
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
38	20.0	37850	2580.0	64QAM	1@0	see graph	PASS
38	20.0	37850	2580.0	64QAM	100@0	see graph	PASS
38	20.0	38150	2610.0	64QAM	1@99	see graph	PASS
38	20.0	38150	2610.0	64QAM	100@0	see graph	PASS
38	15.0	37825	2577.5	64QAM	1@0	see graph	PASS
38	15.0	37825	2577.5	64QAM	75@0	see graph	PASS
38	15.0	38175	2612.5	64QAM	1@74	see graph	PASS
38	15.0	38175	2612.5	64QAM	75@0	see graph	PASS
38	10.0	37800	2575.0	64QAM	1@0	see graph	PASS
38	10.0	37800	2575.0	64QAM	50@0	see graph	PASS
38	10.0	38200	2615.0	64QAM	1@49	see graph	PASS
38	10.0	38200	2615.0	64QAM	50@0	see graph	PASS
38	5.0	37775	2572.5	64QAM	1@0	see graph	PASS
38	5.0	37775	2572.5	64QAM	25@0	see graph	PASS
38	5.0	38225	2617.5	64QAM	1@24	see graph	PASS
38	5.0	38225	2617.5	64QAM	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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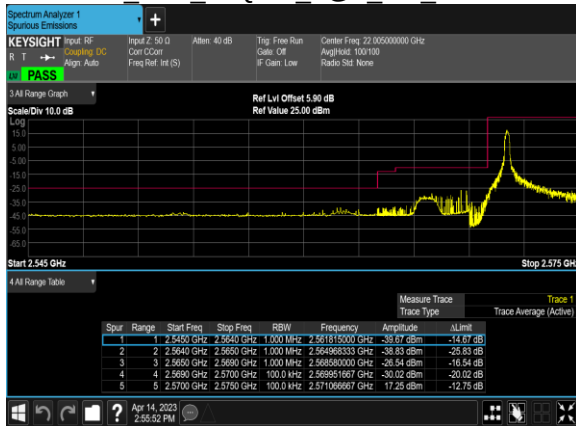
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E-mail: info@uttlab.com

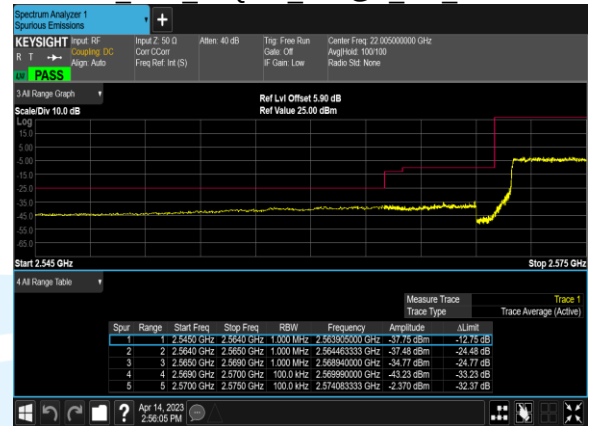
<http://www.uttlab.com>

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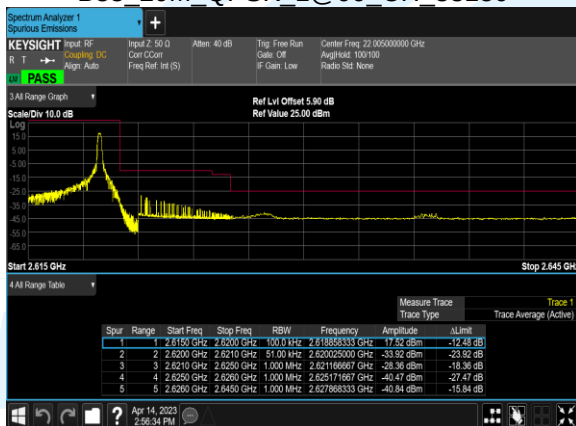
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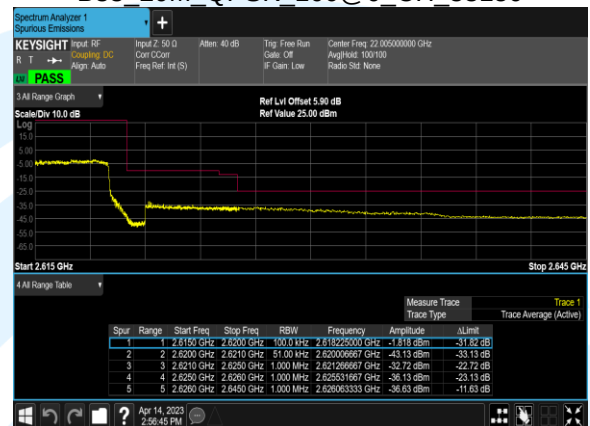
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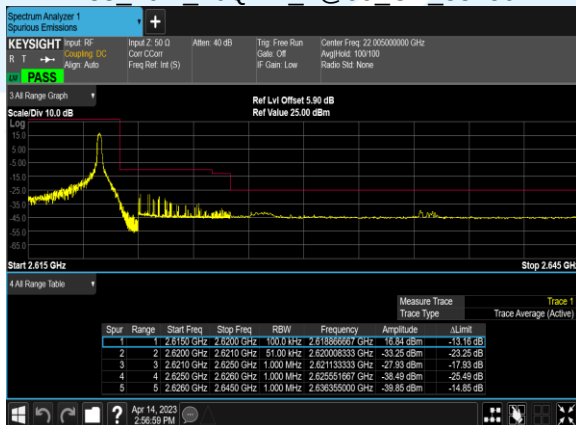
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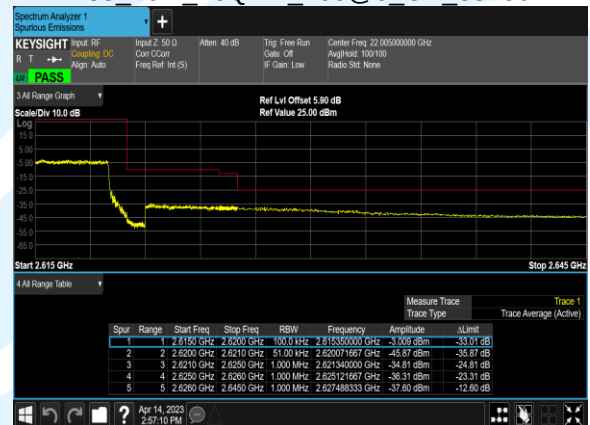
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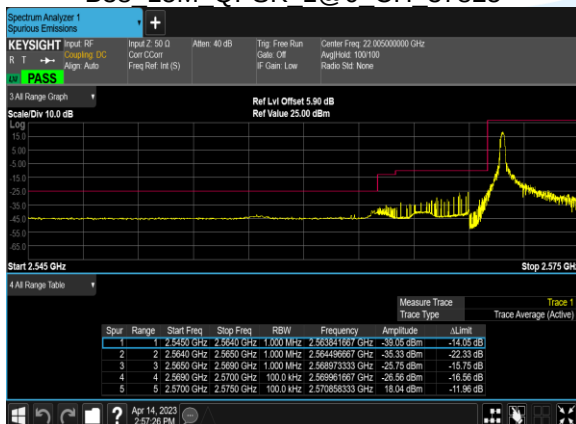
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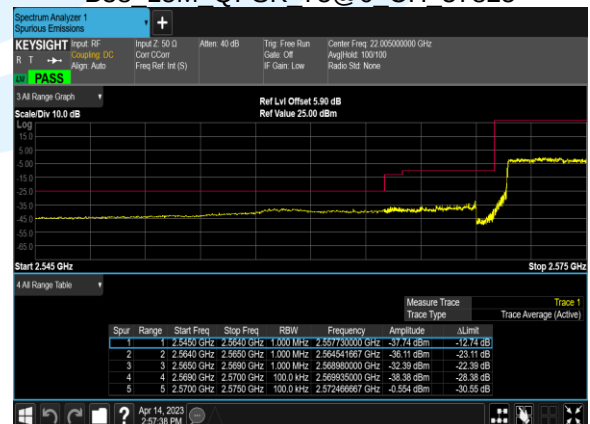
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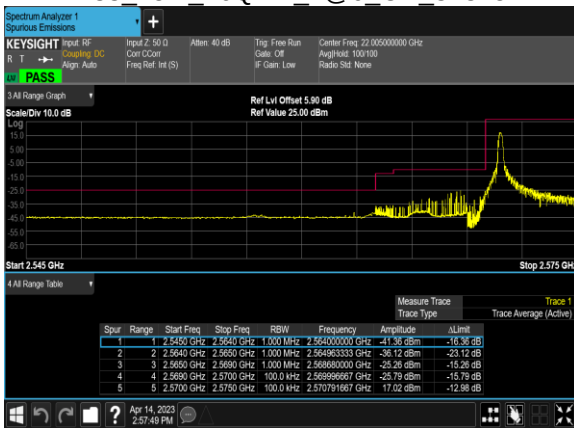
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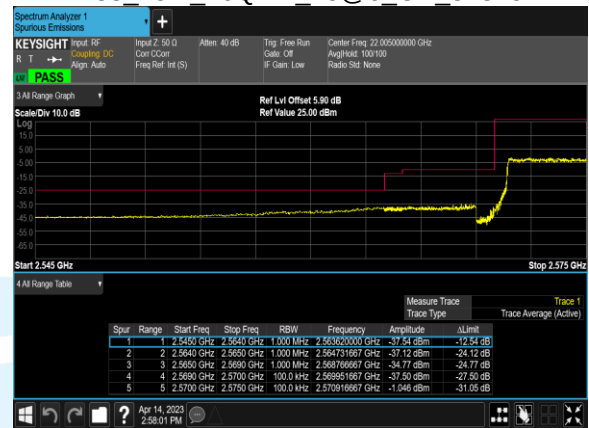
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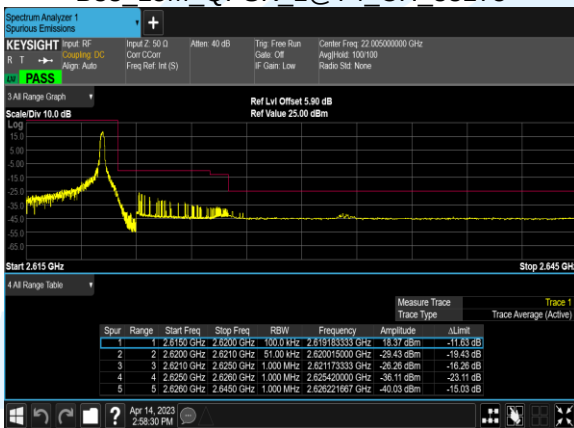
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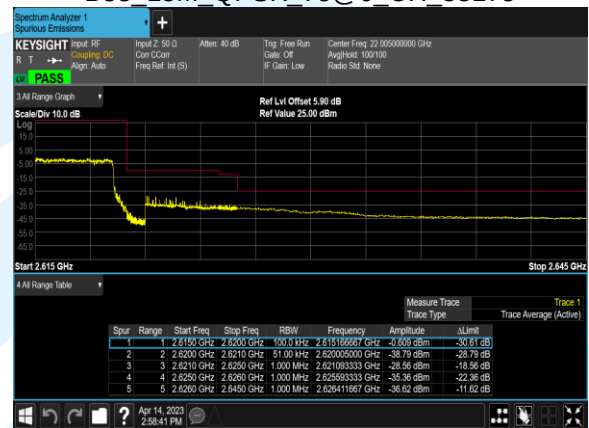
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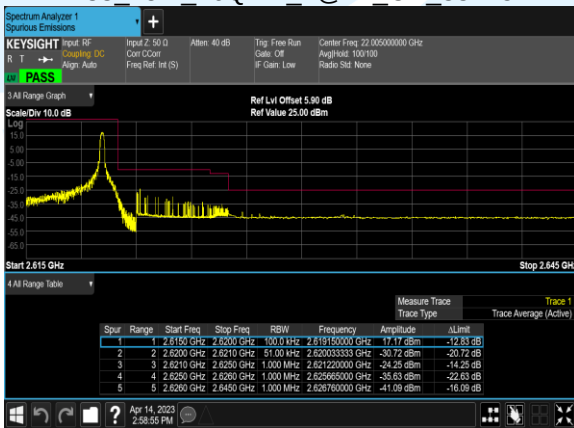
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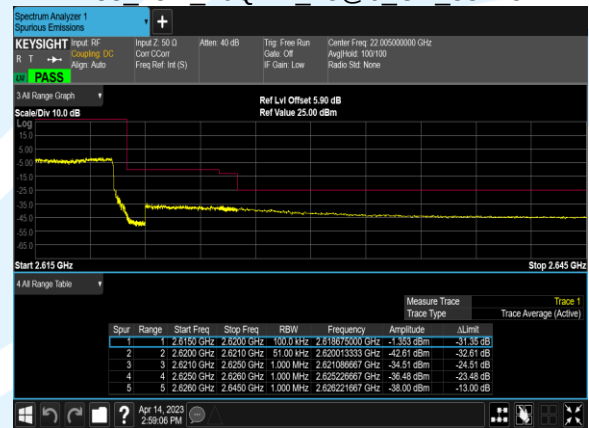
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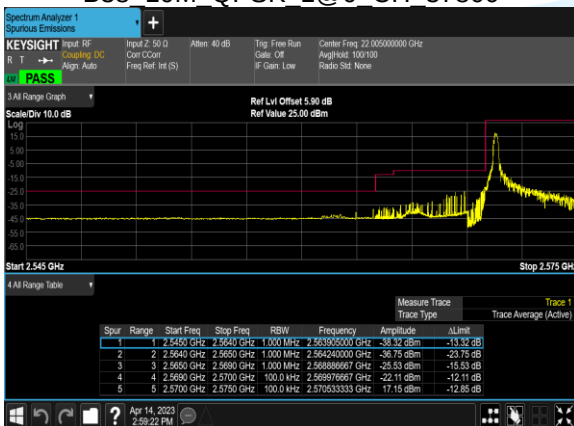
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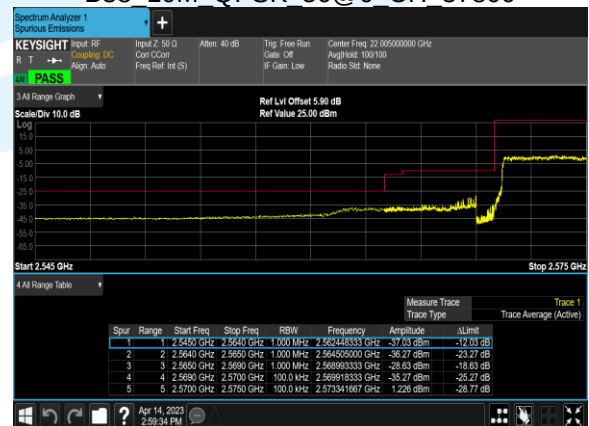
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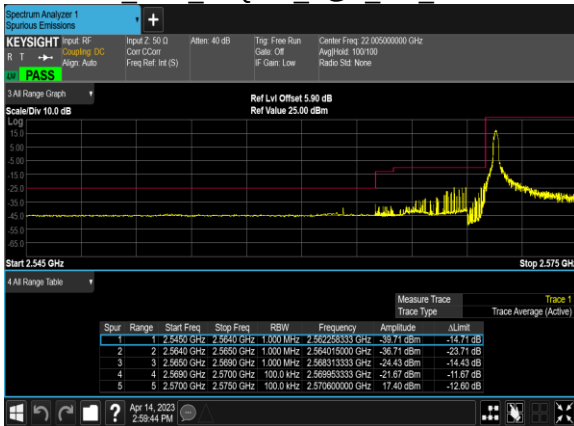
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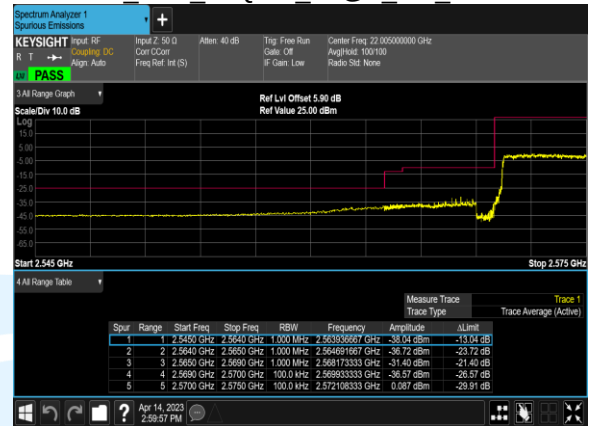
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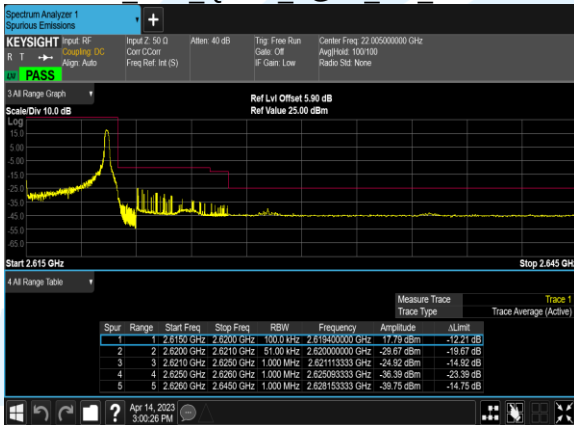
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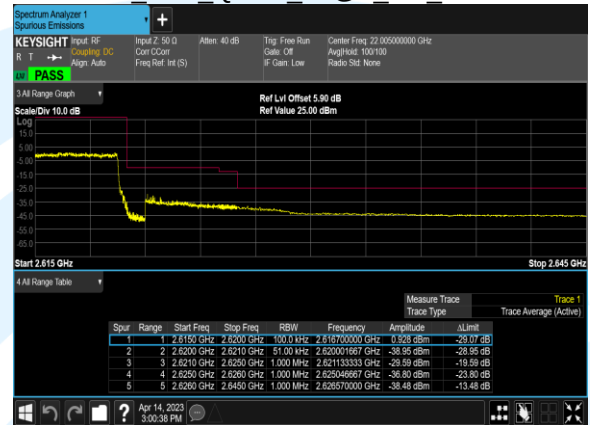
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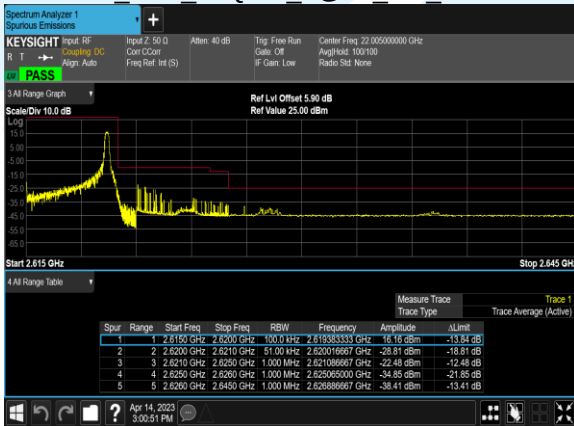
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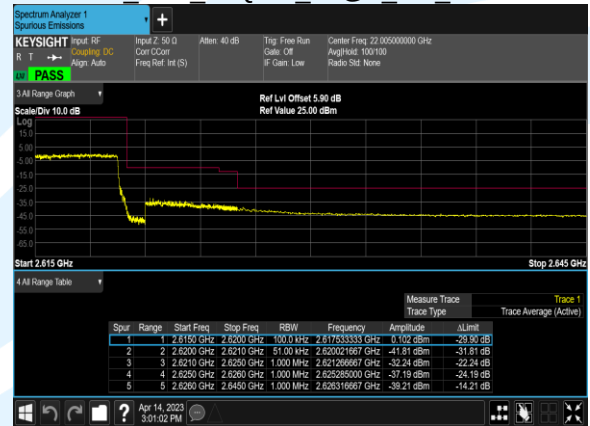
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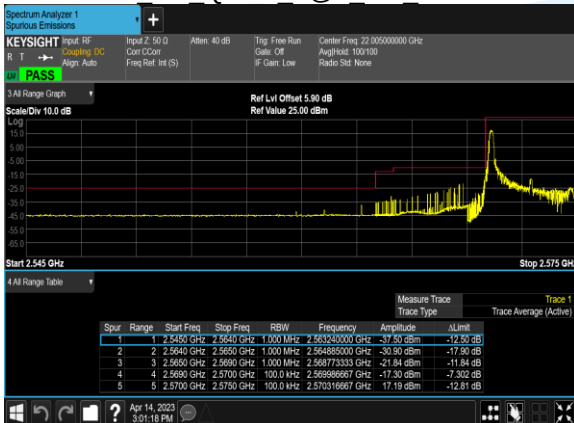
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B38 10M 16QAM 50@0 CH 38200



B38 5M QPSK 1@0 CH 37775



B38 5M QPSK 25@0 CH 37775

