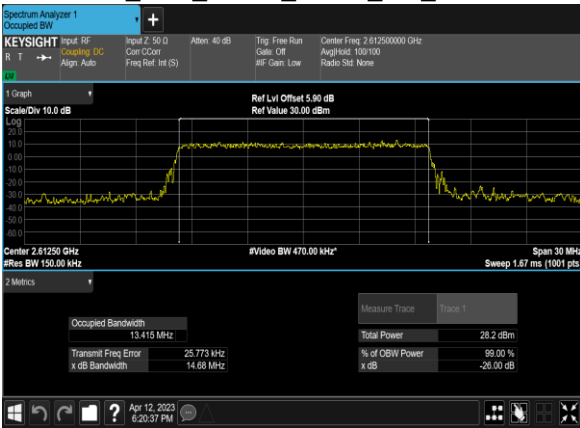
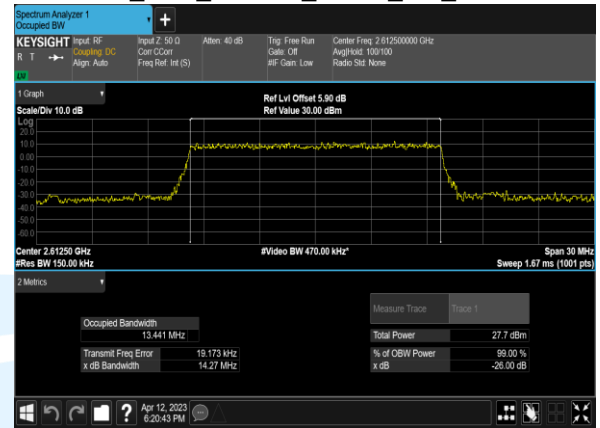


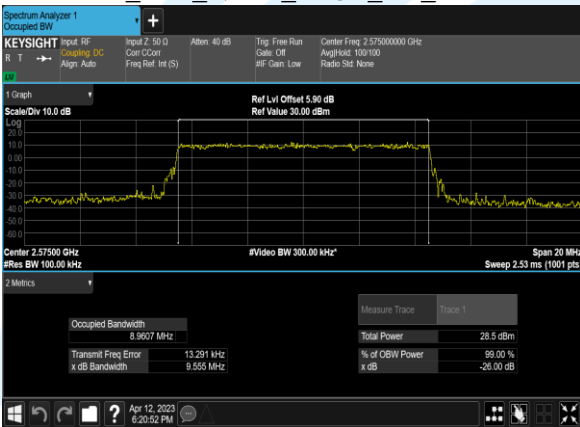
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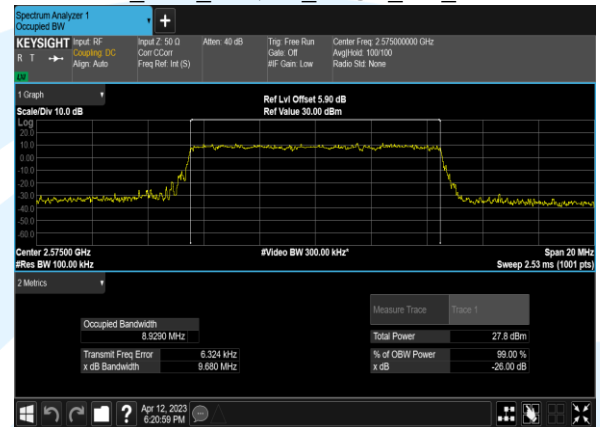
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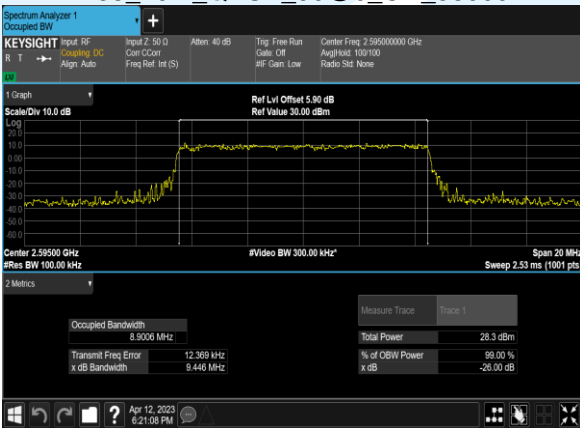
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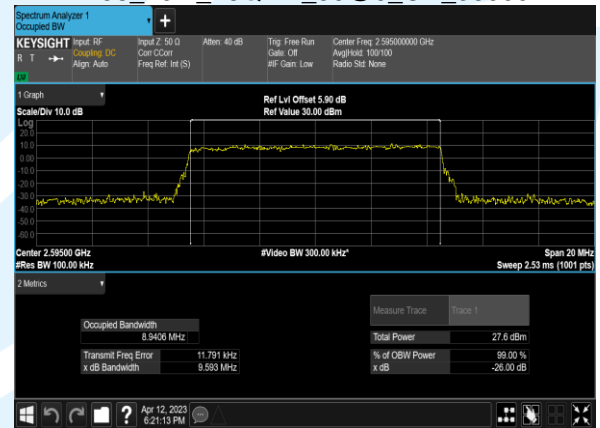
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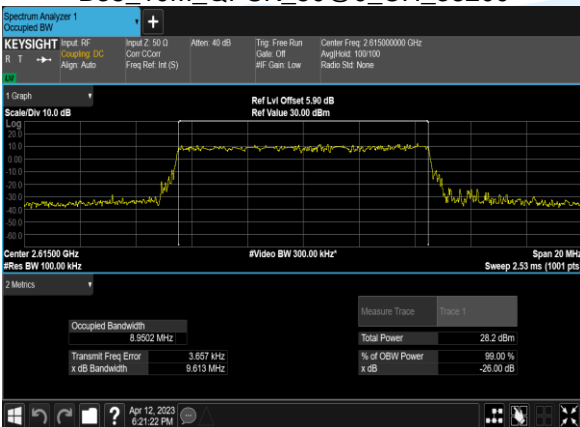
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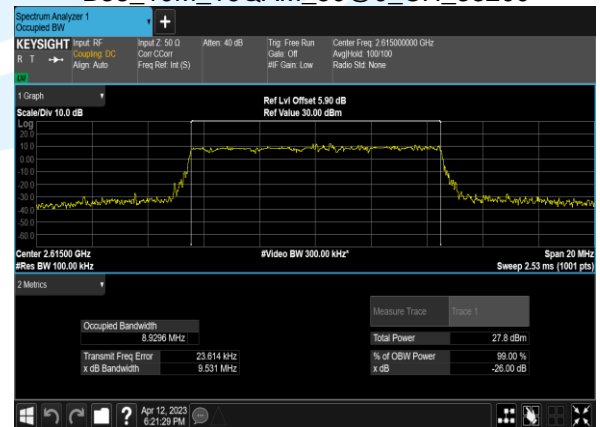
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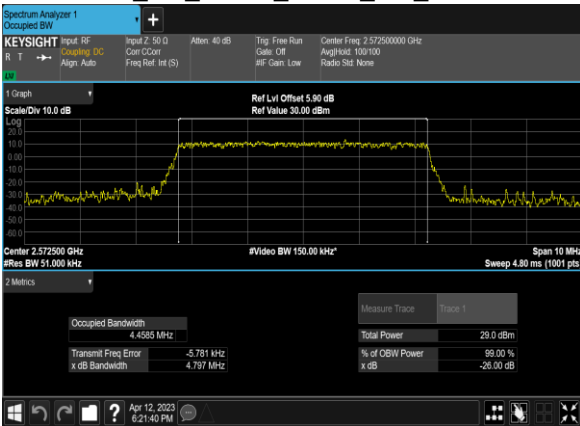
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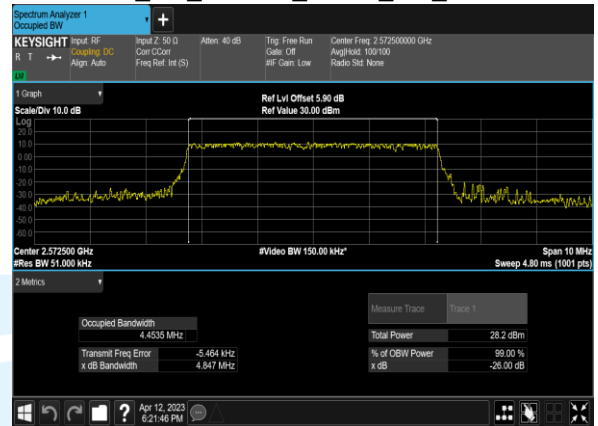
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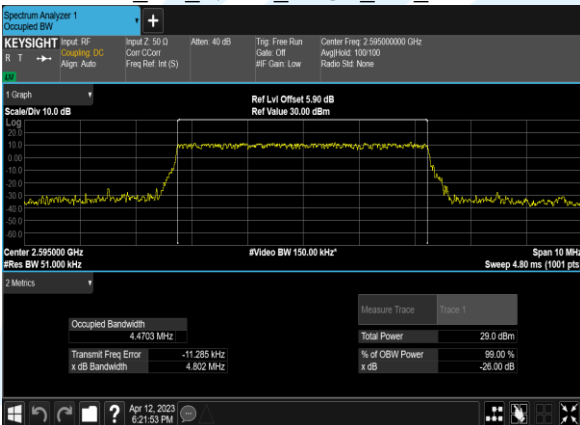
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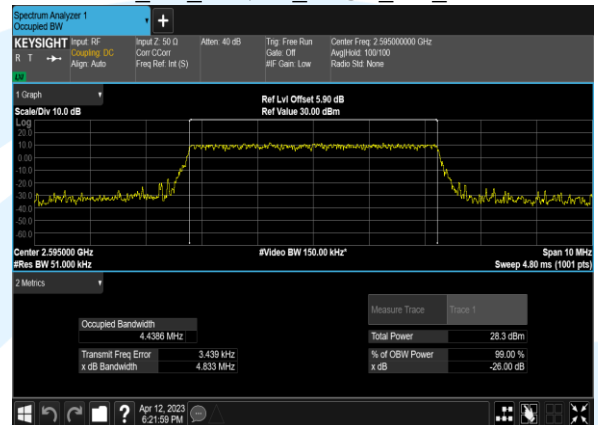
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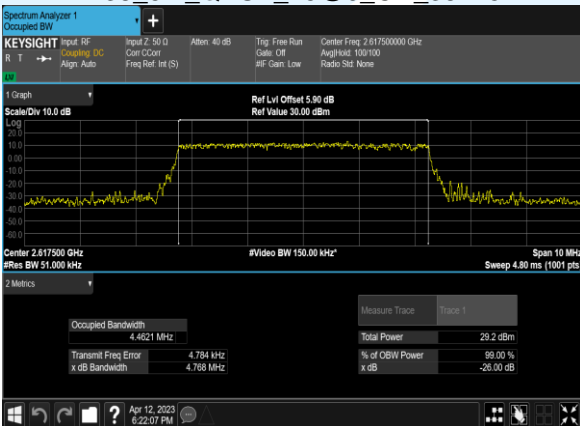
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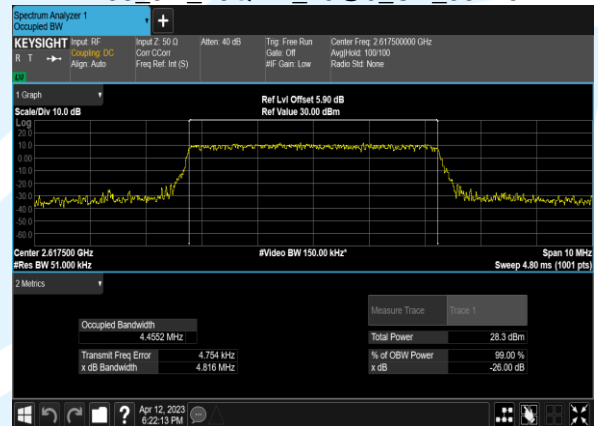
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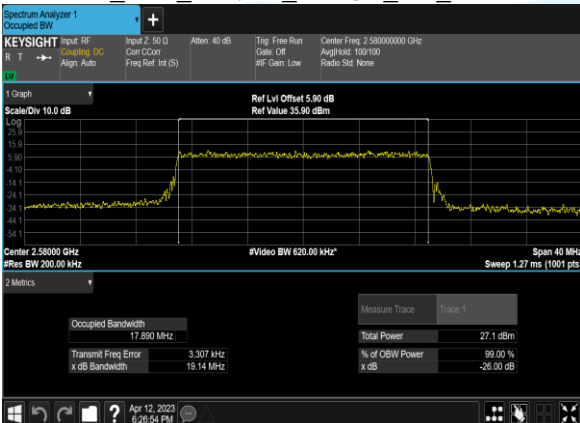
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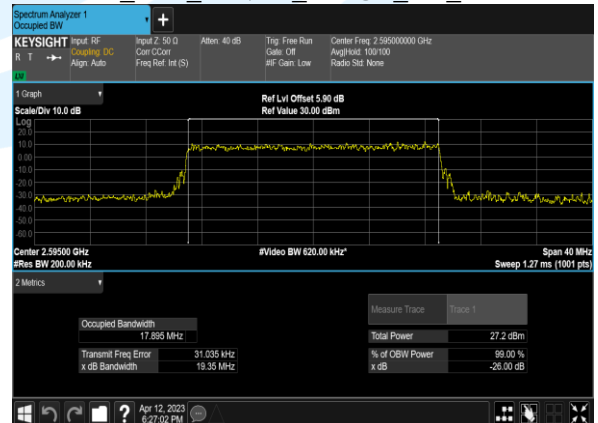
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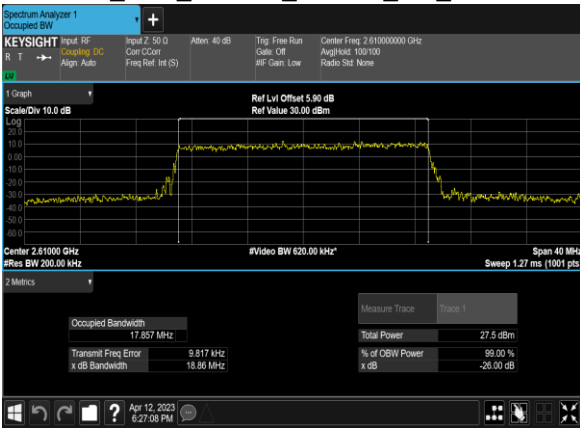
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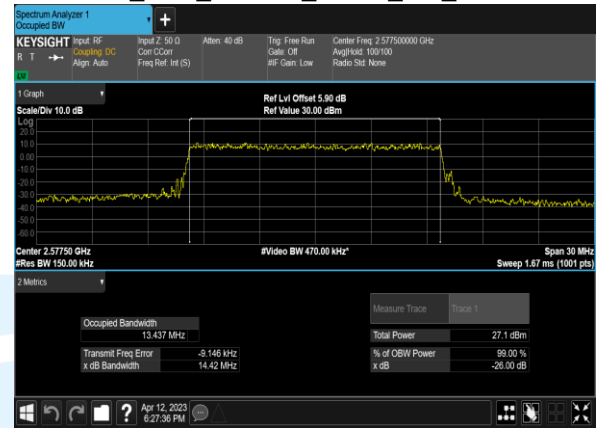
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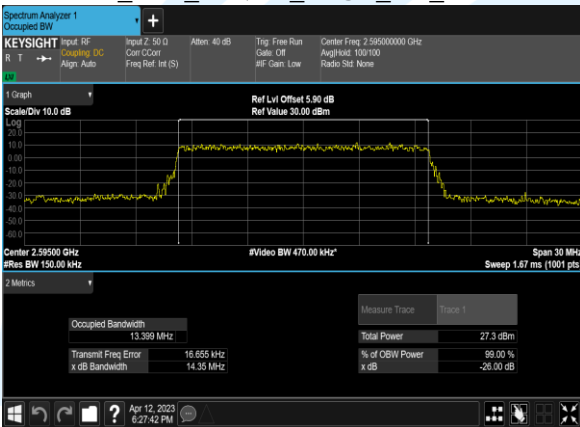
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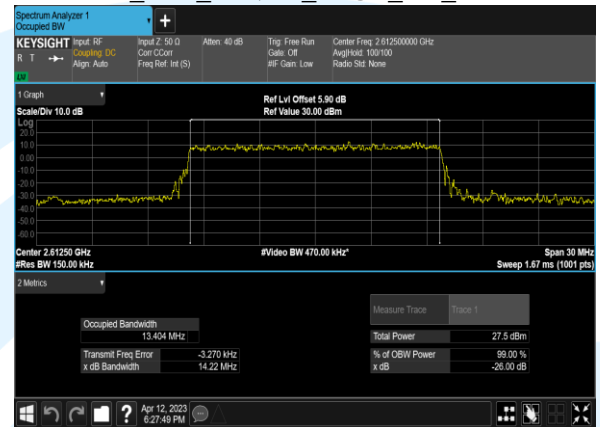
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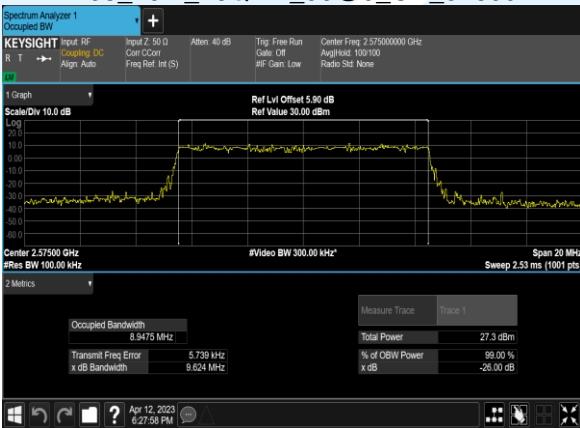
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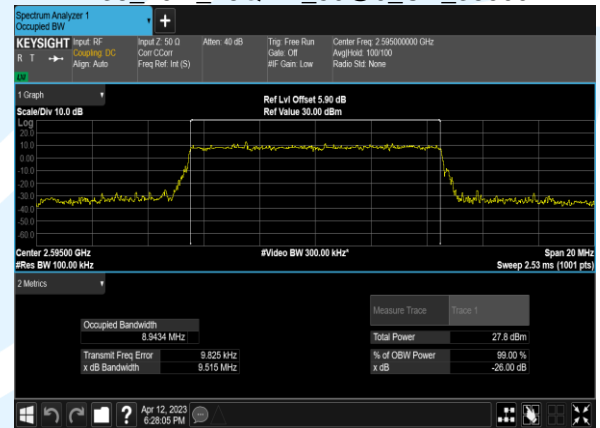
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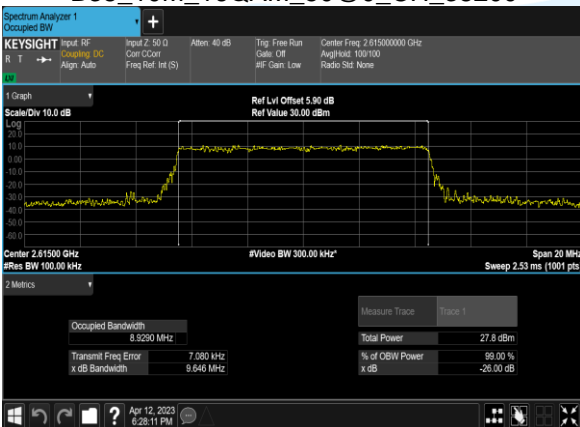
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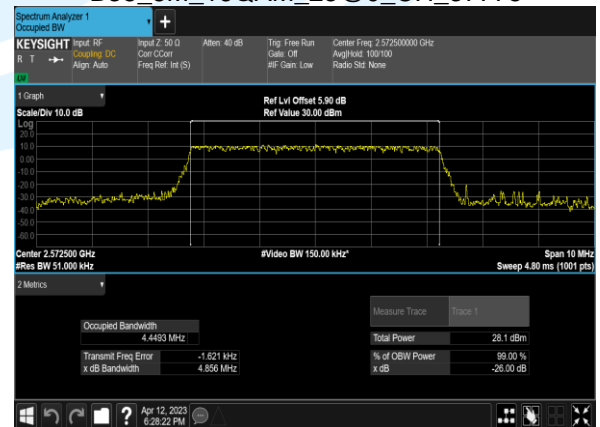
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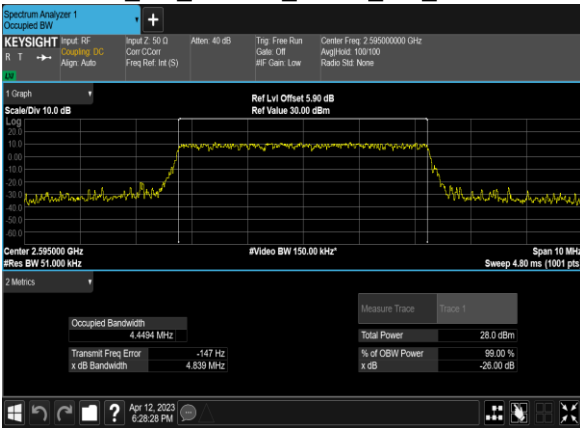
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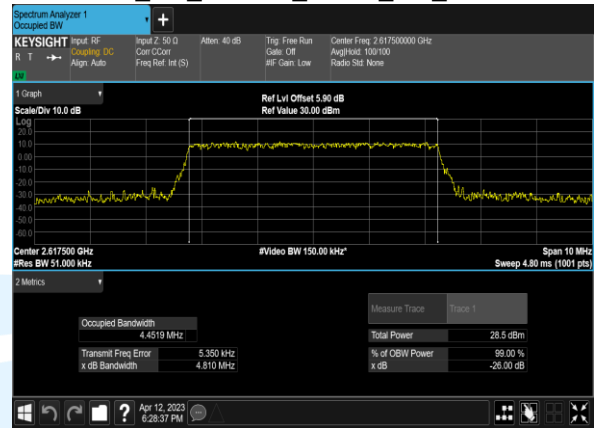
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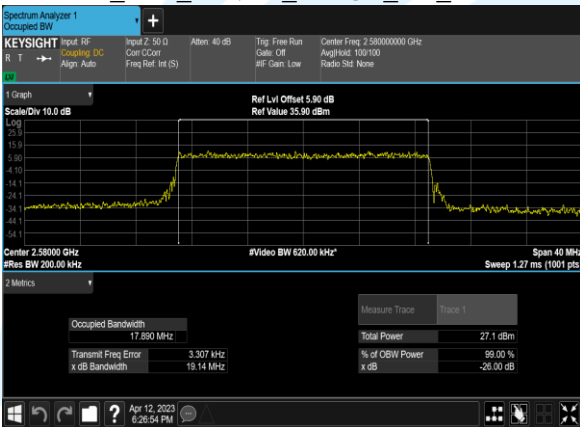
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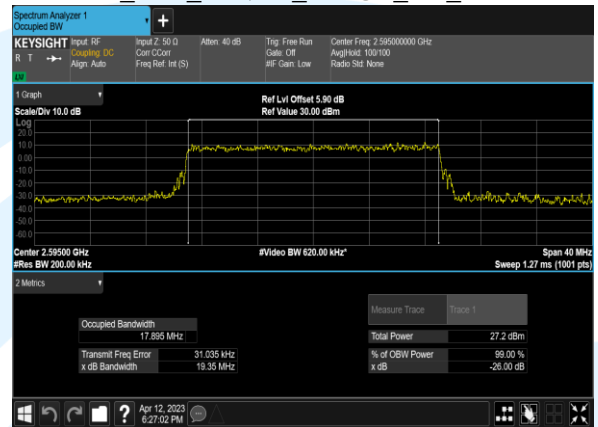
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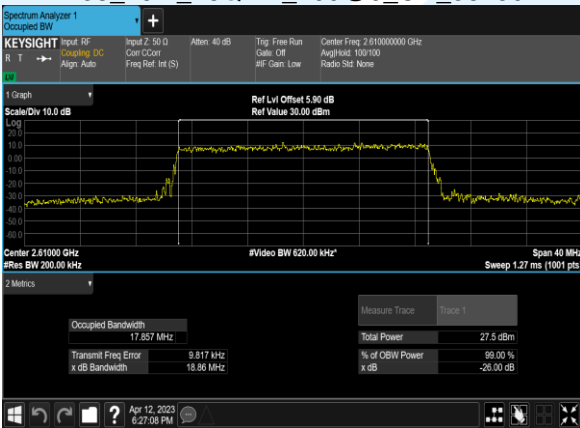
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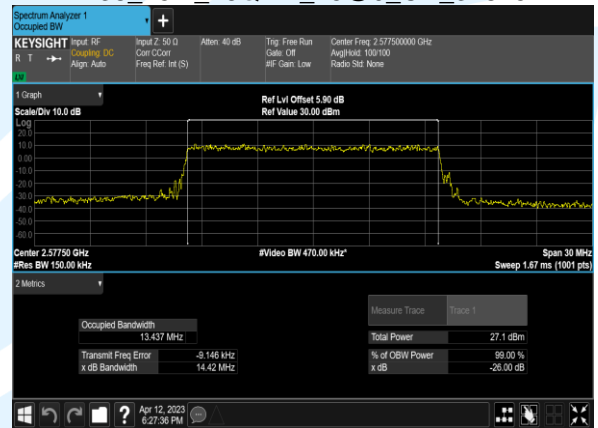
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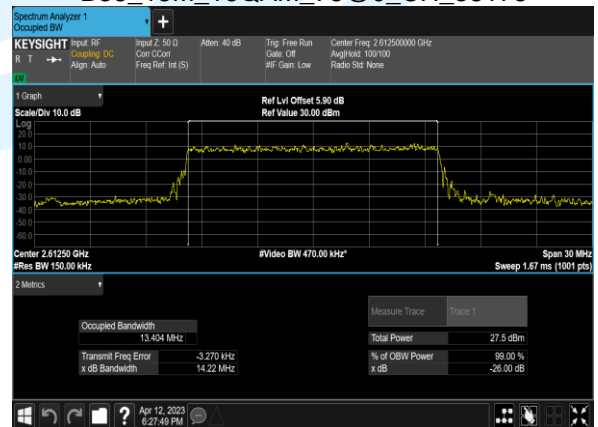
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B38_15M_16QAM_75@0_CH_38000



B38_15M_16QAM_75@0_CH_38175



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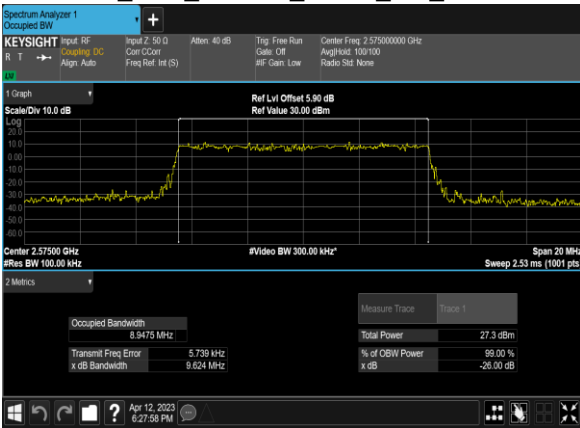
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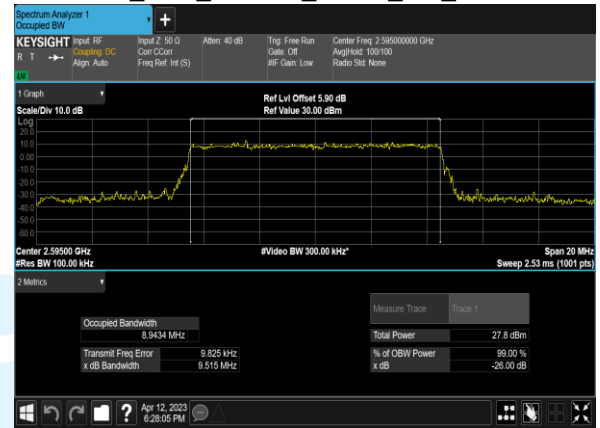
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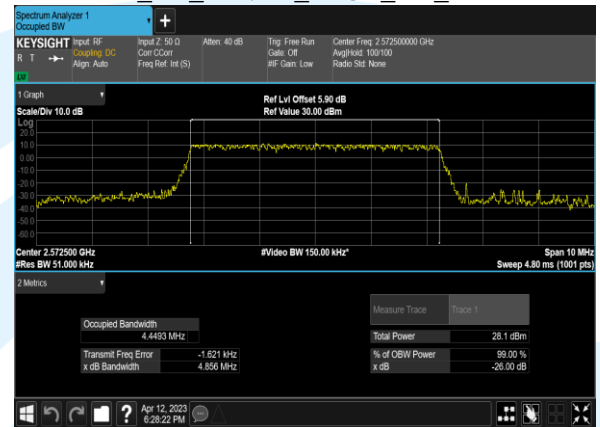
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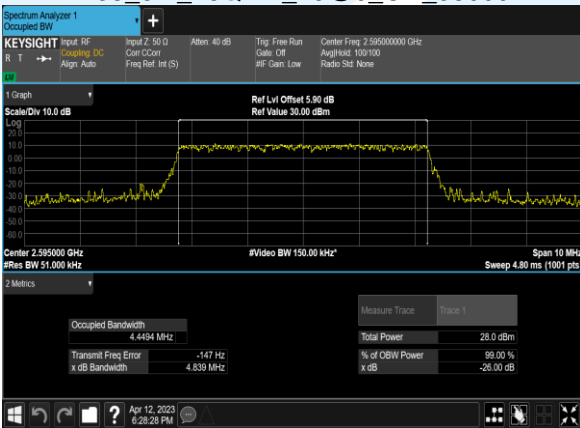
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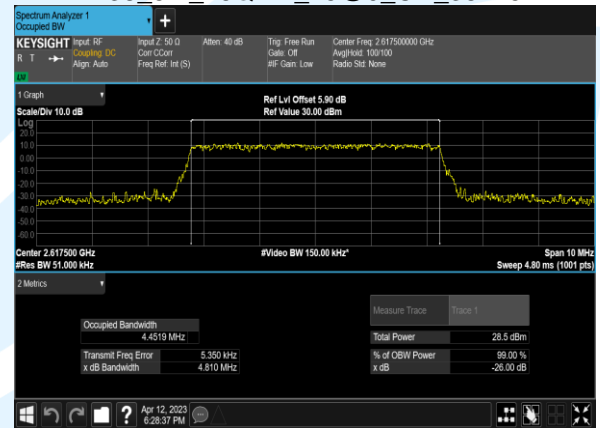
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B38_5M_16QAM_25@0_CH_38000



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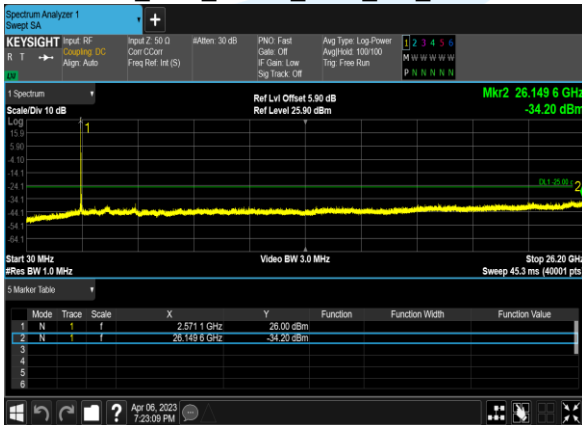


Conducted Spurious Emissions

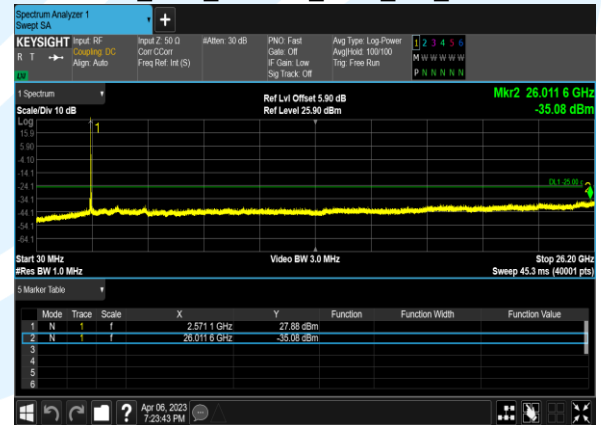
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
38	20.0	37850	2580.0	QPSK	1@0	-34.2	-25	PASS
38	20.0	37850	2580.0	16QAM	1@0	-35.08	-25	PASS
38	20.0	38000	2595.0	QPSK	1@0	-35.1	-25	PASS
38	20.0	38000	2595.0	16QAM	1@0	-35.73	-25	PASS
38	20.0	38150	2610.0	QPSK	1@0	-34.69	-25	PASS
38	20.0	38150	2610.0	16QAM	1@0	-35.47	-25	PASS
38	15.0	37825	2577.5	QPSK	1@0	-35.28	-25	PASS
38	15.0	37825	2577.5	16QAM	1@0	-35.41	-25	PASS
38	15.0	38000	2595.0	QPSK	1@0	-35.26	-25	PASS
38	15.0	38000	2595.0	16QAM	1@0	-35.05	-25	PASS
38	15.0	38175	2612.5	QPSK	1@0	-34.92	-25	PASS
38	15.0	38175	2612.5	16QAM	1@0	-35.55	-25	PASS
38	10.0	37800	2575.0	QPSK	1@0	-35.43	-25	PASS
38	10.0	37800	2575.0	16QAM	1@0	-34.38	-25	PASS
38	10.0	38000	2595.0	QPSK	1@0	-35.1	-25	PASS
38	10.0	38000	2595.0	16QAM	1@0	-34.7	-25	PASS
38	10.0	38200	2615.0	QPSK	1@0	-35.96	-25	PASS
38	10.0	38200	2615.0	16QAM	1@0	-34.61	-25	PASS
38	5.0	37775	2572.5	QPSK	1@0	-35.32	-25	PASS
38	5.0	37775	2572.5	16QAM	1@0	-35.48	-25	PASS
38	5.0	38000	2595.0	QPSK	1@0	-35.05	-25	PASS
38	5.0	38000	2595.0	16QAM	1@0	-34.77	-25	PASS
38	5.0	38225	2617.5	QPSK	1@0	-35.18	-25	PASS
38	5.0	38225	2617.5	16QAM	1@0	-35.81	-25	PASS
38	20.0	37850	2580.0	64QAM	1@0	-35.34	-25	PASS
38	20.0	38000	2595.0	64QAM	1@0	-35.71	-25	PASS
38	20.0	38150	2610.0	64QAM	1@0	-34.84	-25	PASS
38	15.0	37825	2577.5	64QAM	1@0	-35.0	-25	PASS
38	15.0	38000	2595.0	64QAM	1@0	-35.07	-25	PASS
38	15.0	38175	2612.5	64QAM	1@0	-34.79	-25	PASS
38	10.0	37800	2575.0	64QAM	1@0	-35.1	-25	PASS
38	10.0	38000	2595.0	64QAM	1@0	-35.48	-25	PASS
38	10.0	38200	2615.0	64QAM	1@0	-35.38	-25	PASS
38	5.0	37775	2572.5	64QAM	1@0	-35.01	-25	PASS
38	5.0	38000	2595.0	64QAM	1@0	-34.57	-25	PASS
38	5.0	38225	2617.5	64QAM	1@0	-35.17	-25	PASS

Test Graphs

B38_20M_QPSK_1@0_CH_37850



B38_20M_16QAM_1@0_CH_37850



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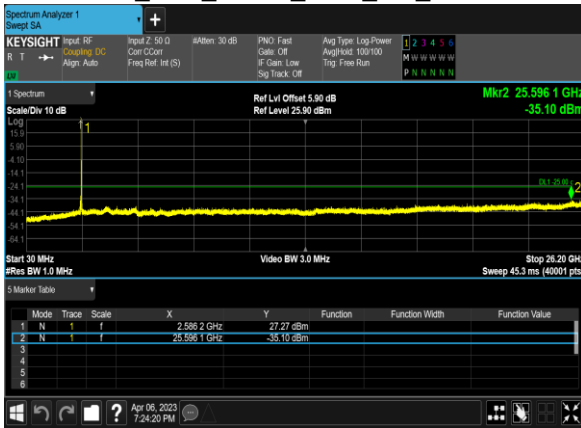
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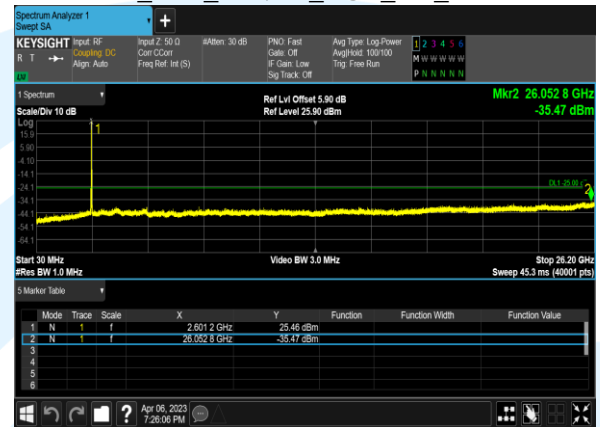
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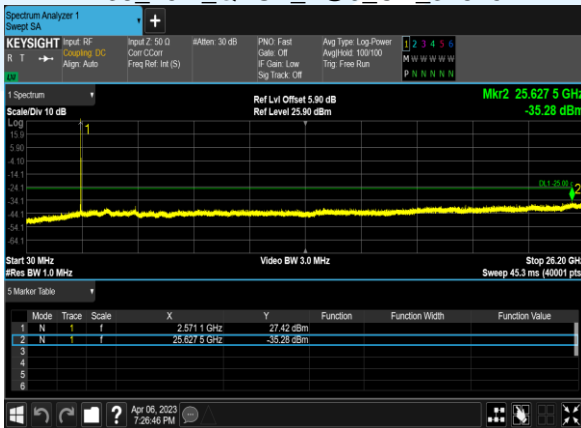
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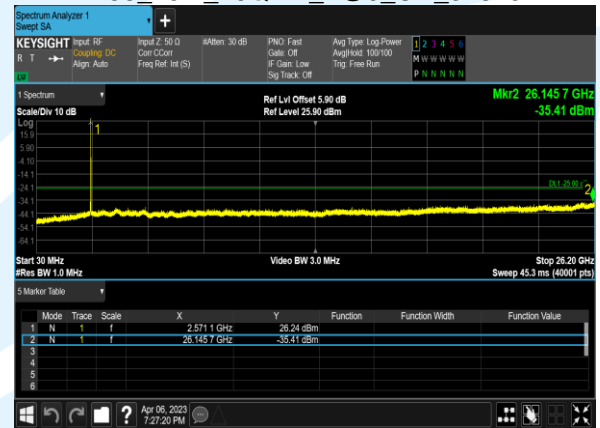
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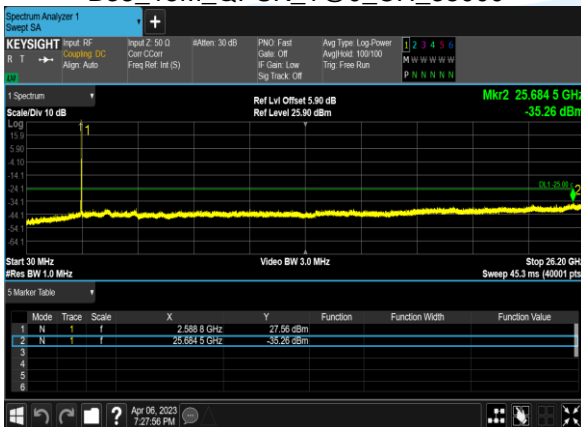
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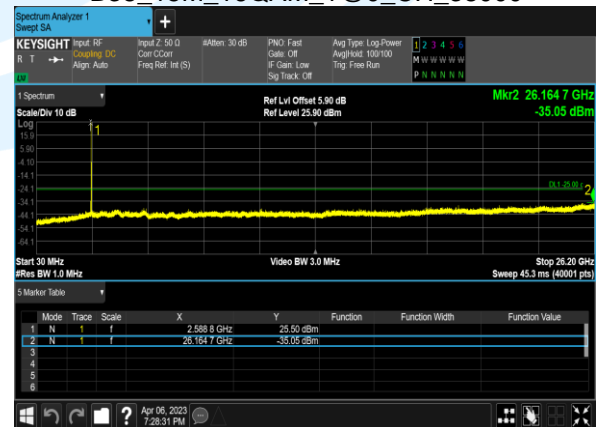
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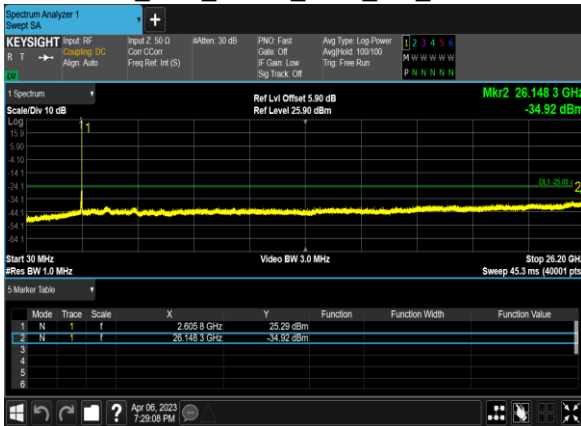
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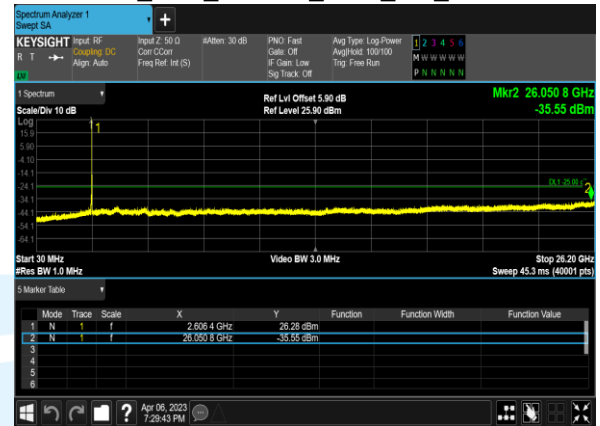
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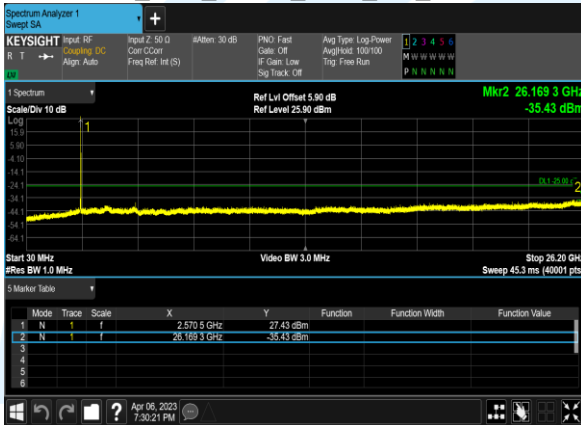
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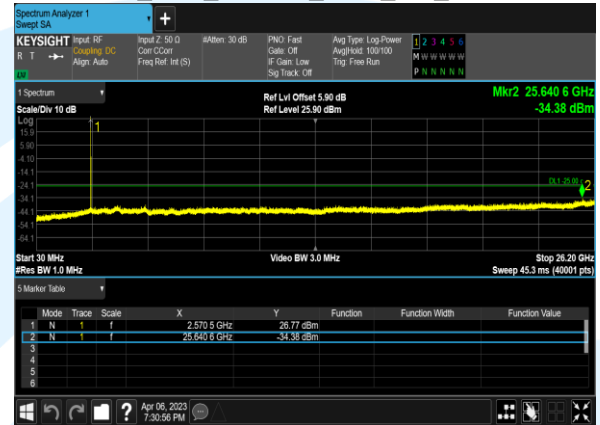
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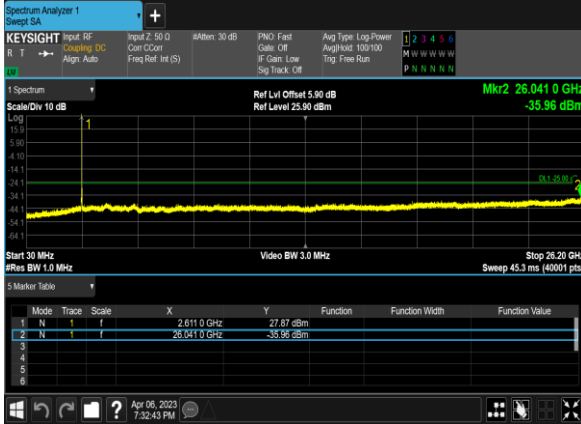
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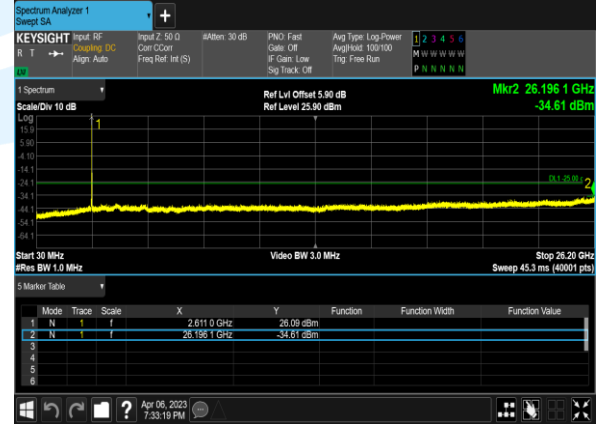
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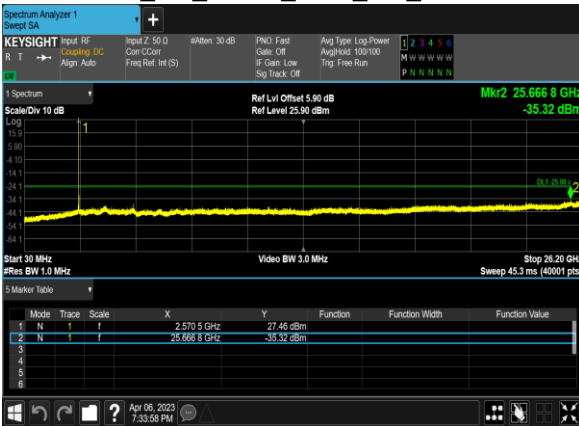
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E-mail: info@uttlab.com

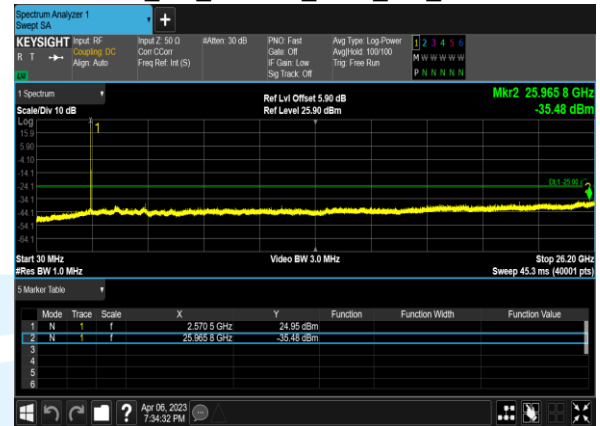
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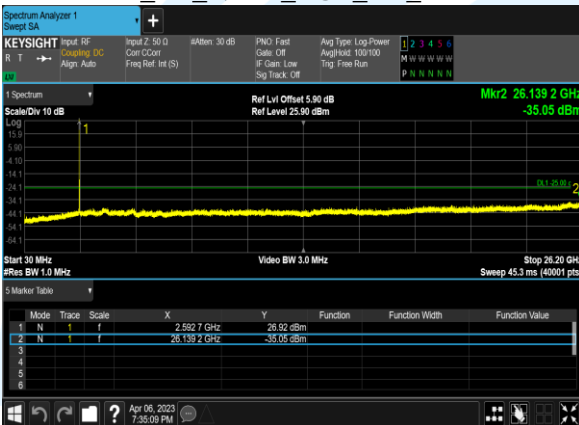
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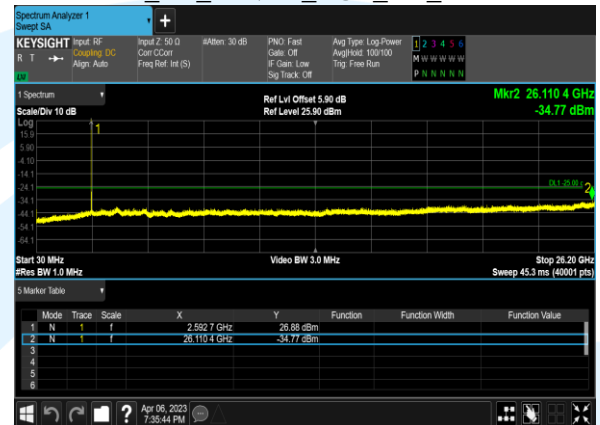
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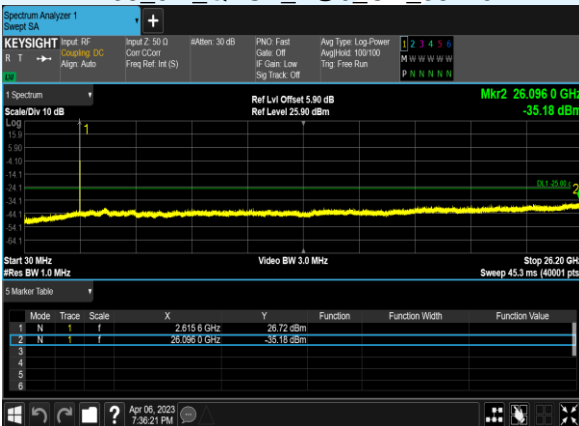
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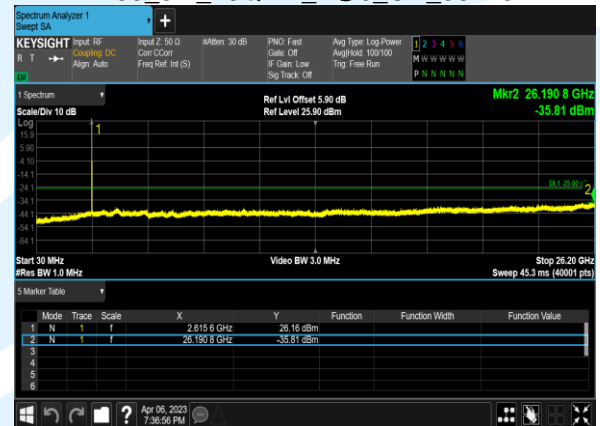
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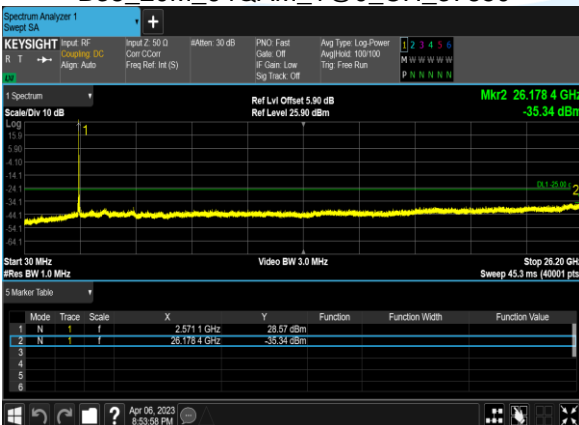
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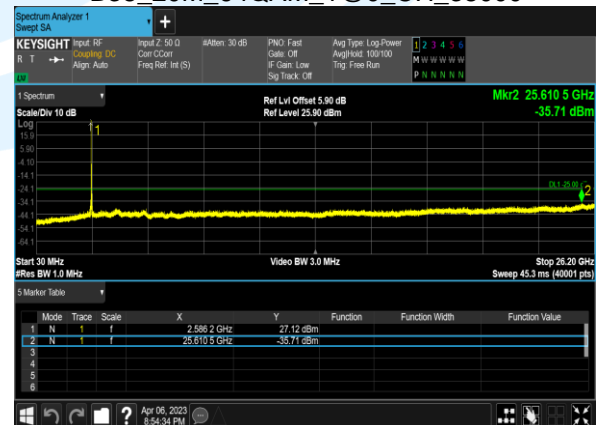
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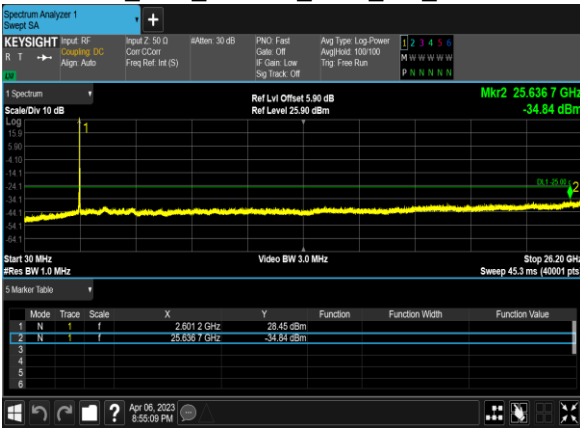
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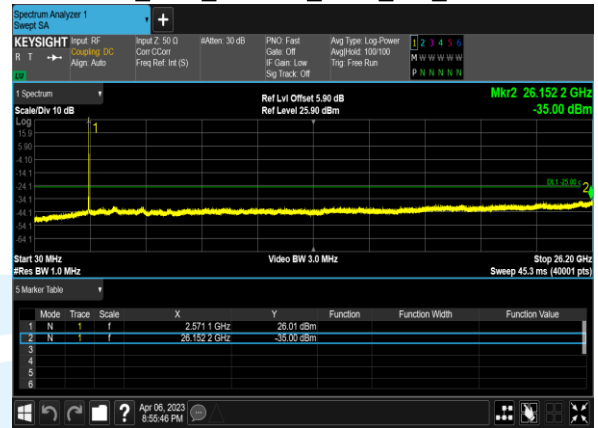
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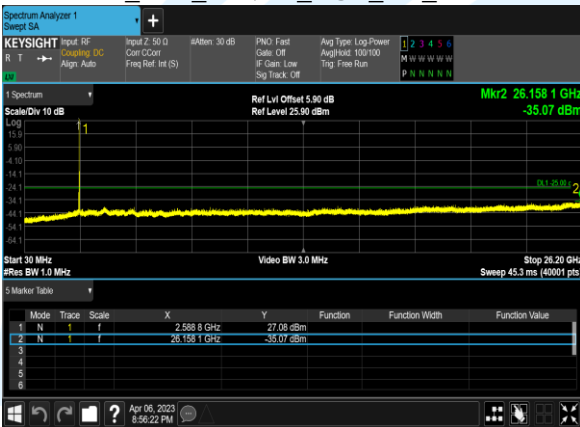
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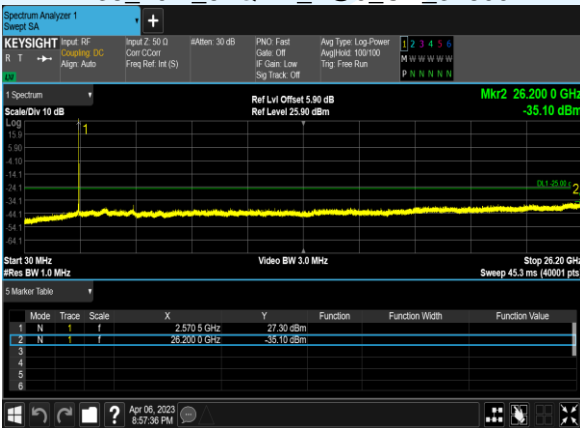
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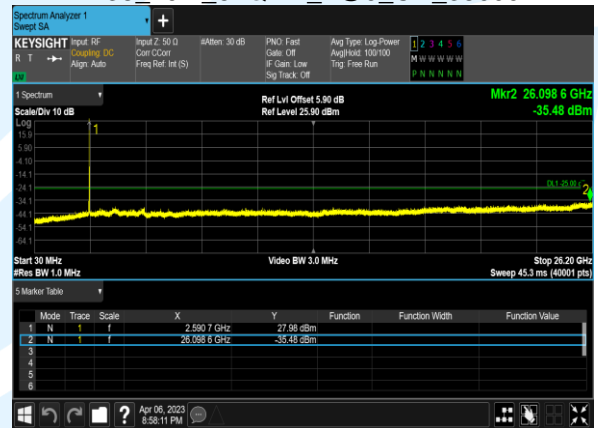
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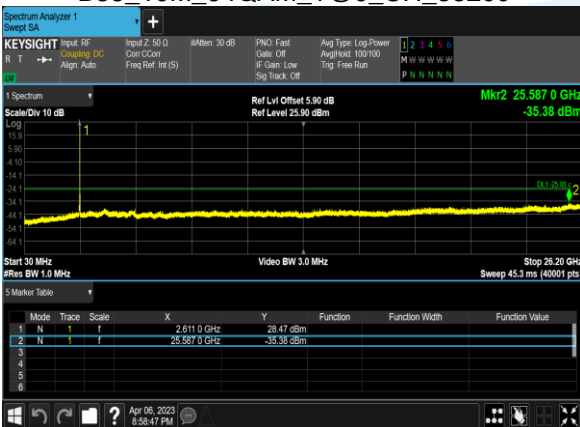
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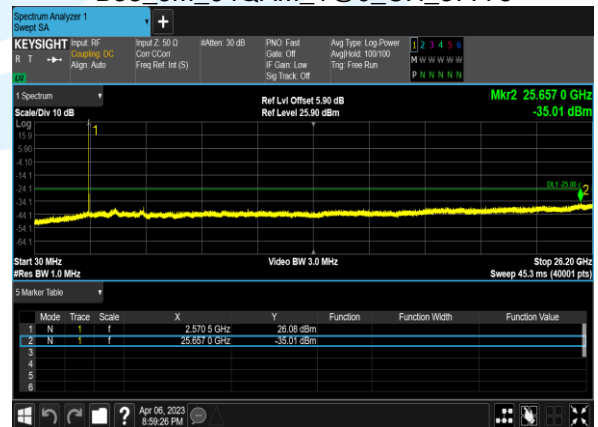
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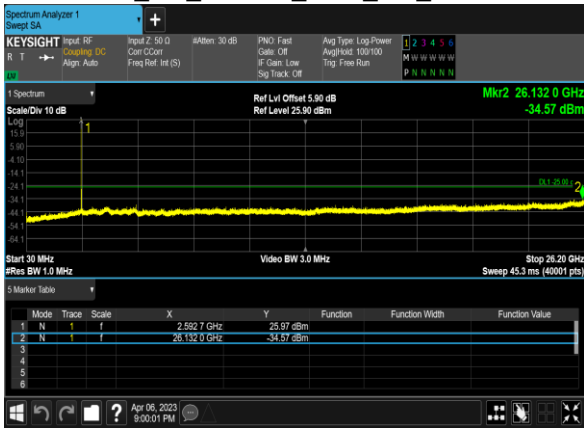
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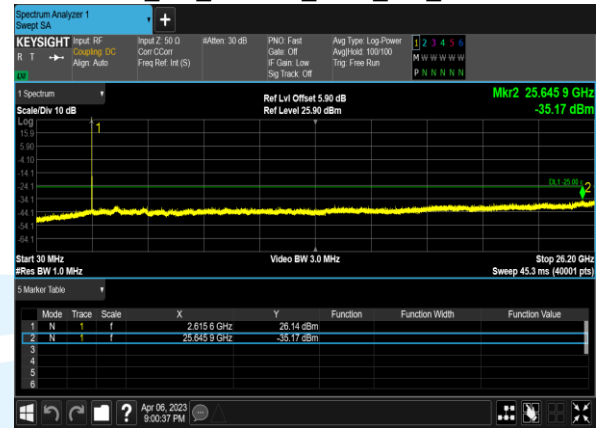
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B38_5M_64QAM_1@0_CH_38000



B38_5M_64QAM_1@0_CH_38225



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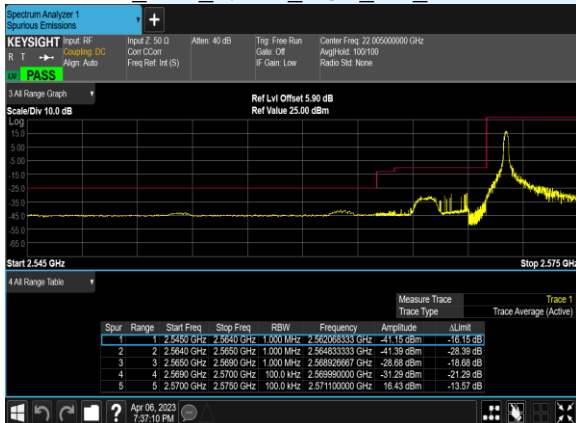
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Conducted Band Edge

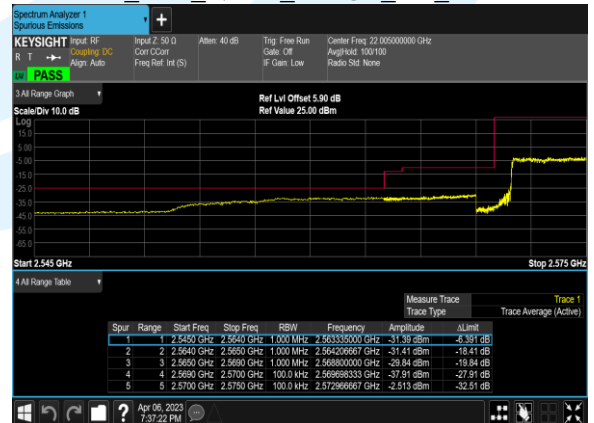
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
38	20.0	37850	2580.0	QPSK	1@0	see graph	PASS
38	20.0	37850	2580.0	QPSK	100@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	1@0	see graph	PASS
38	20.0	37850	2580.0	16QAM	100@0	see graph	PASS
38	20.0	38150	2610.0	QPSK	1@99	see graph	PASS
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

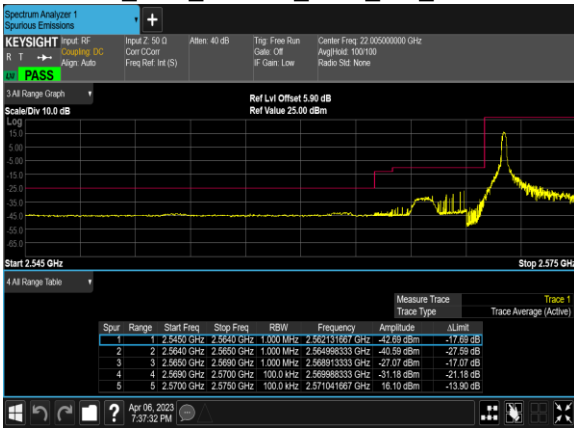
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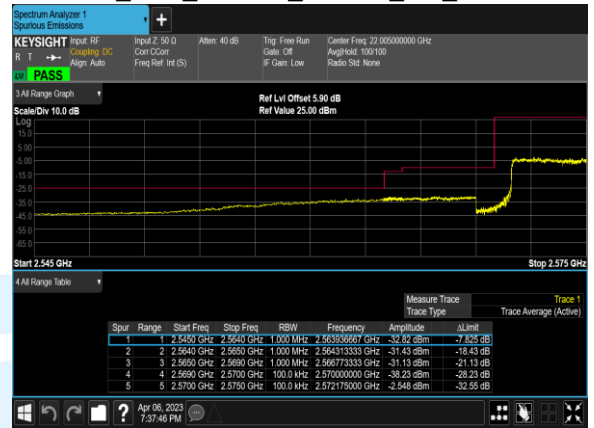
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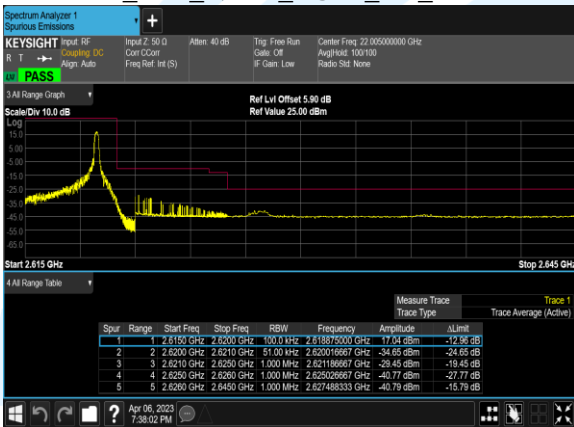
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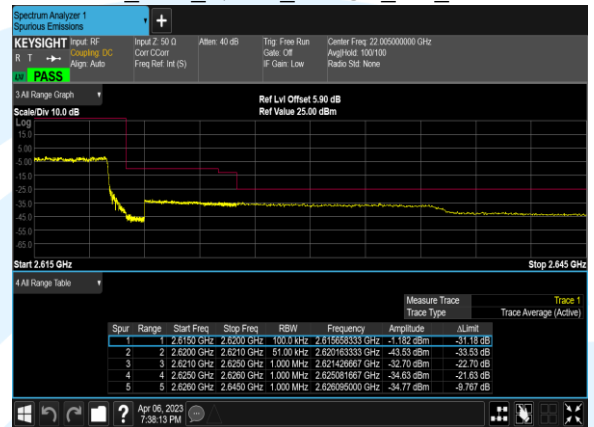
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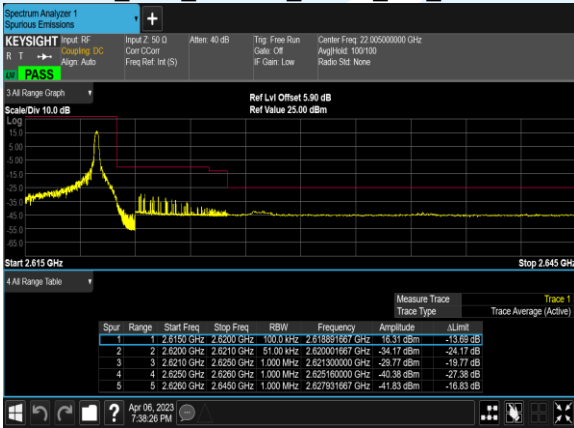
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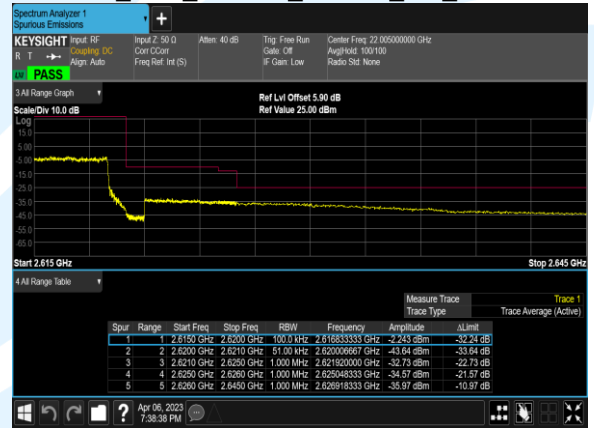
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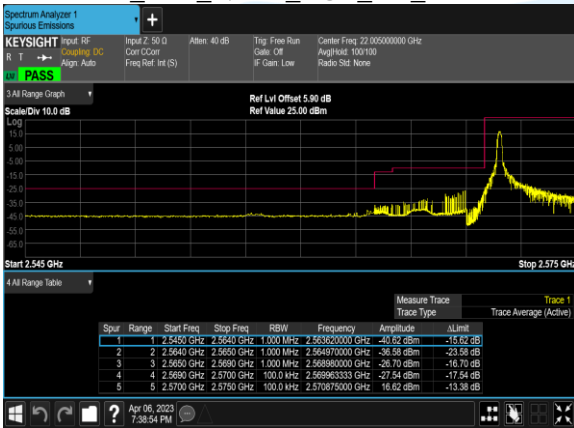
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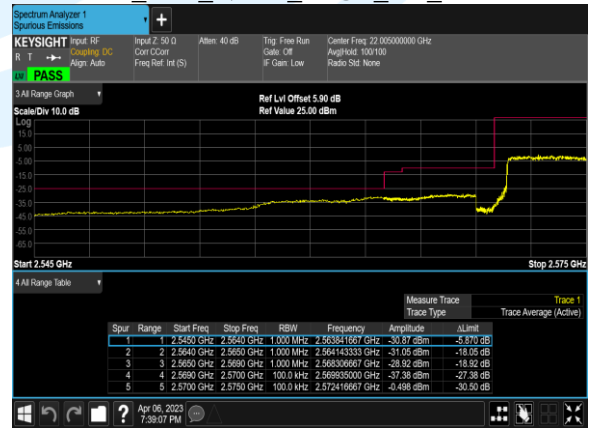
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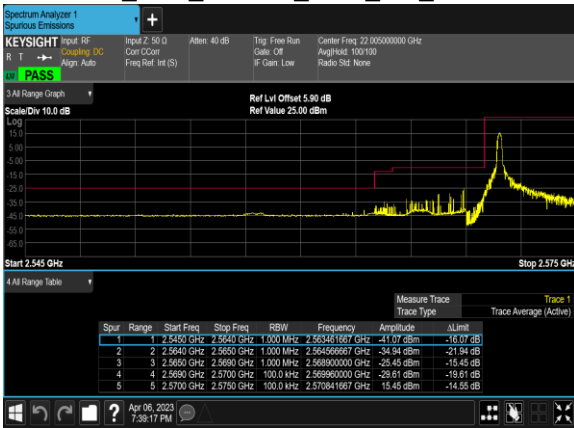
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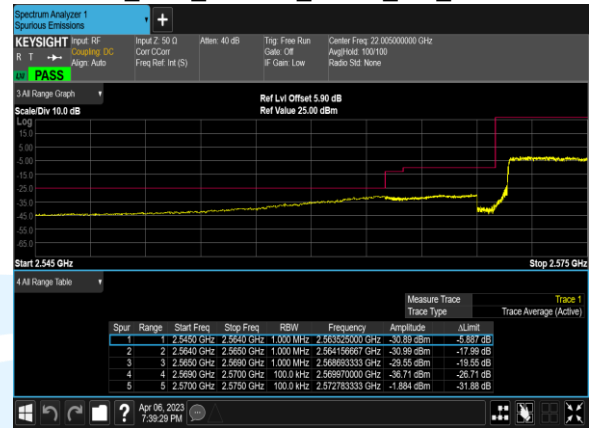
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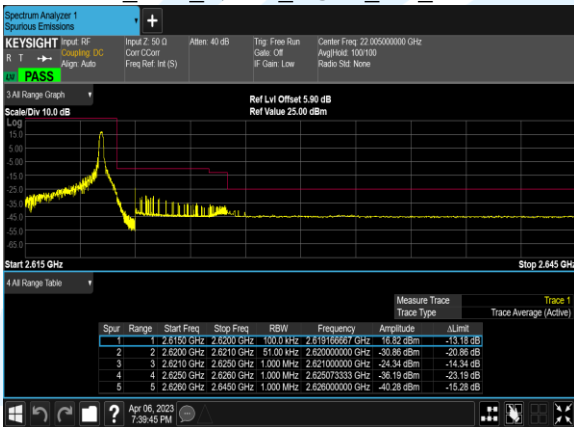
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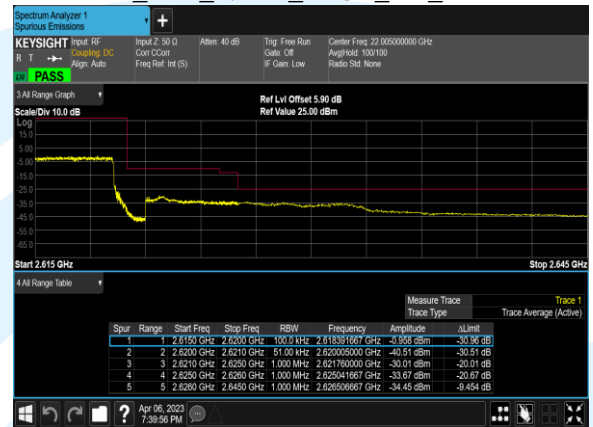
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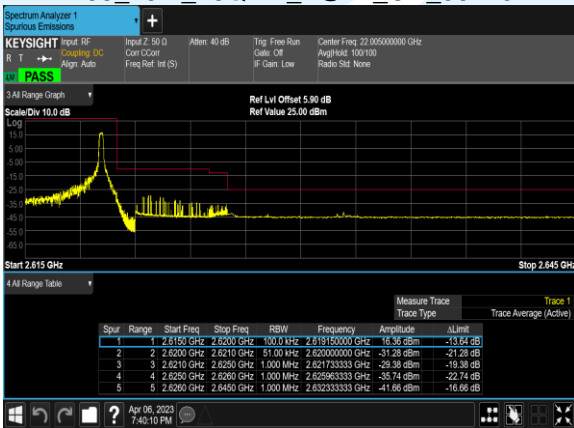
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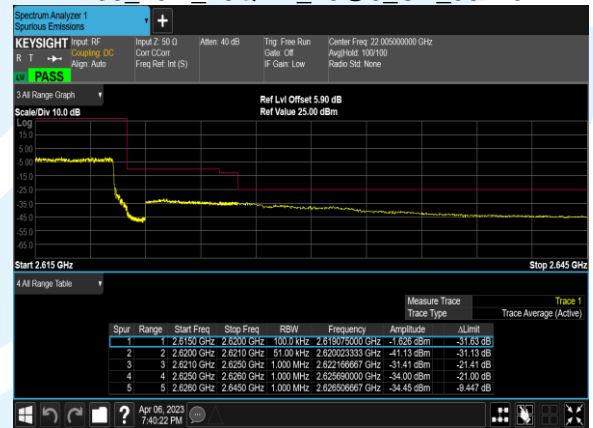
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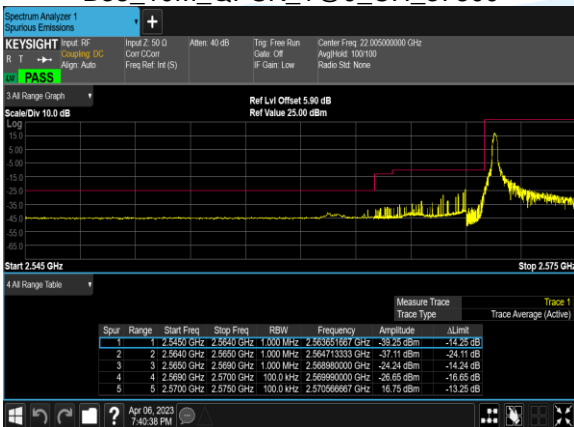
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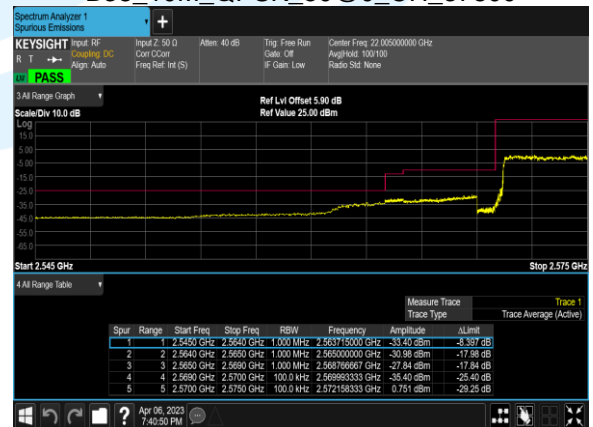
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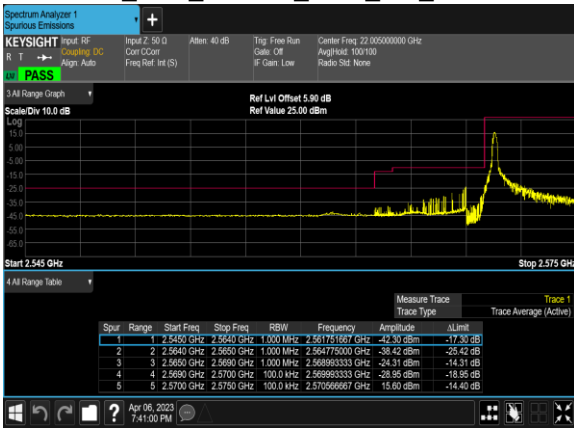
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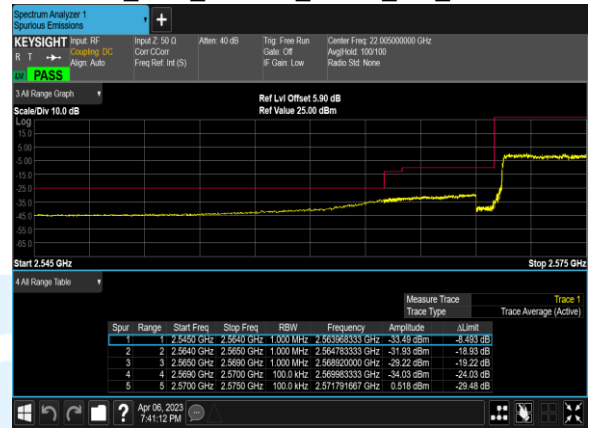
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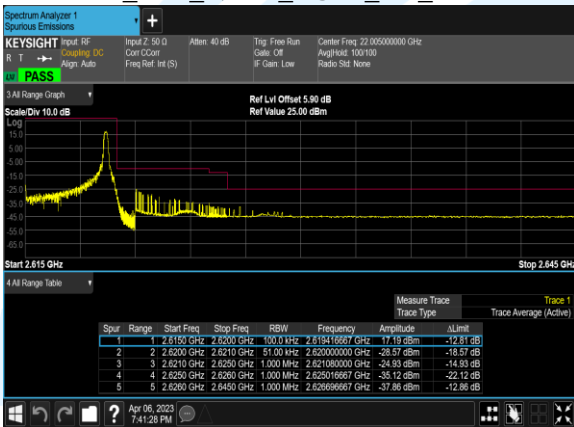
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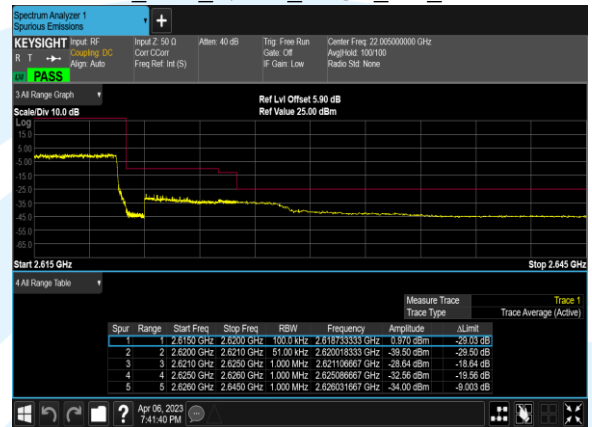
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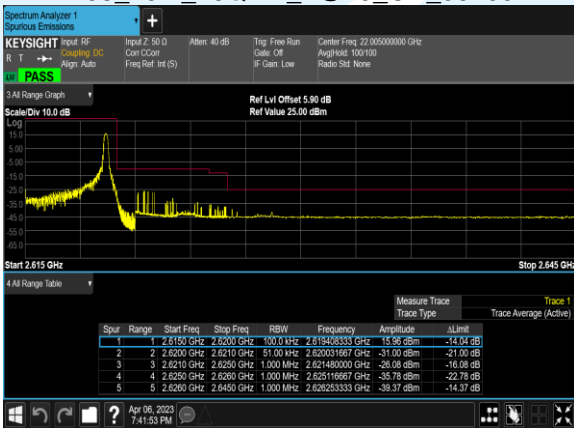
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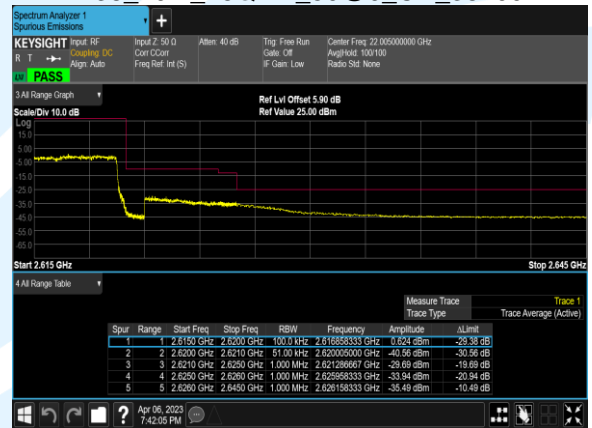
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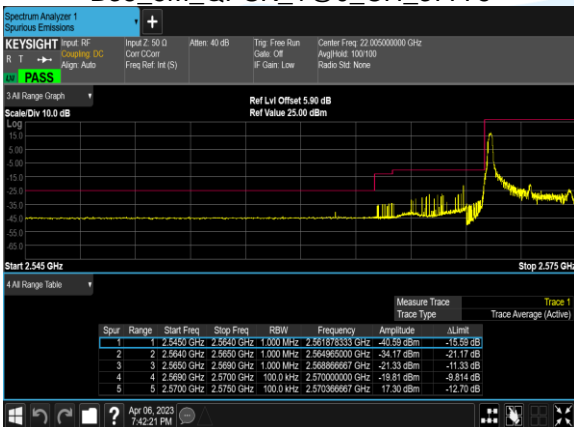
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B38_10M_16QAM_50@0_CH_38200



B38_5M_QPSK_1@0_CH_37775



B38_5M_QPSK_25@0_CH_37775

