

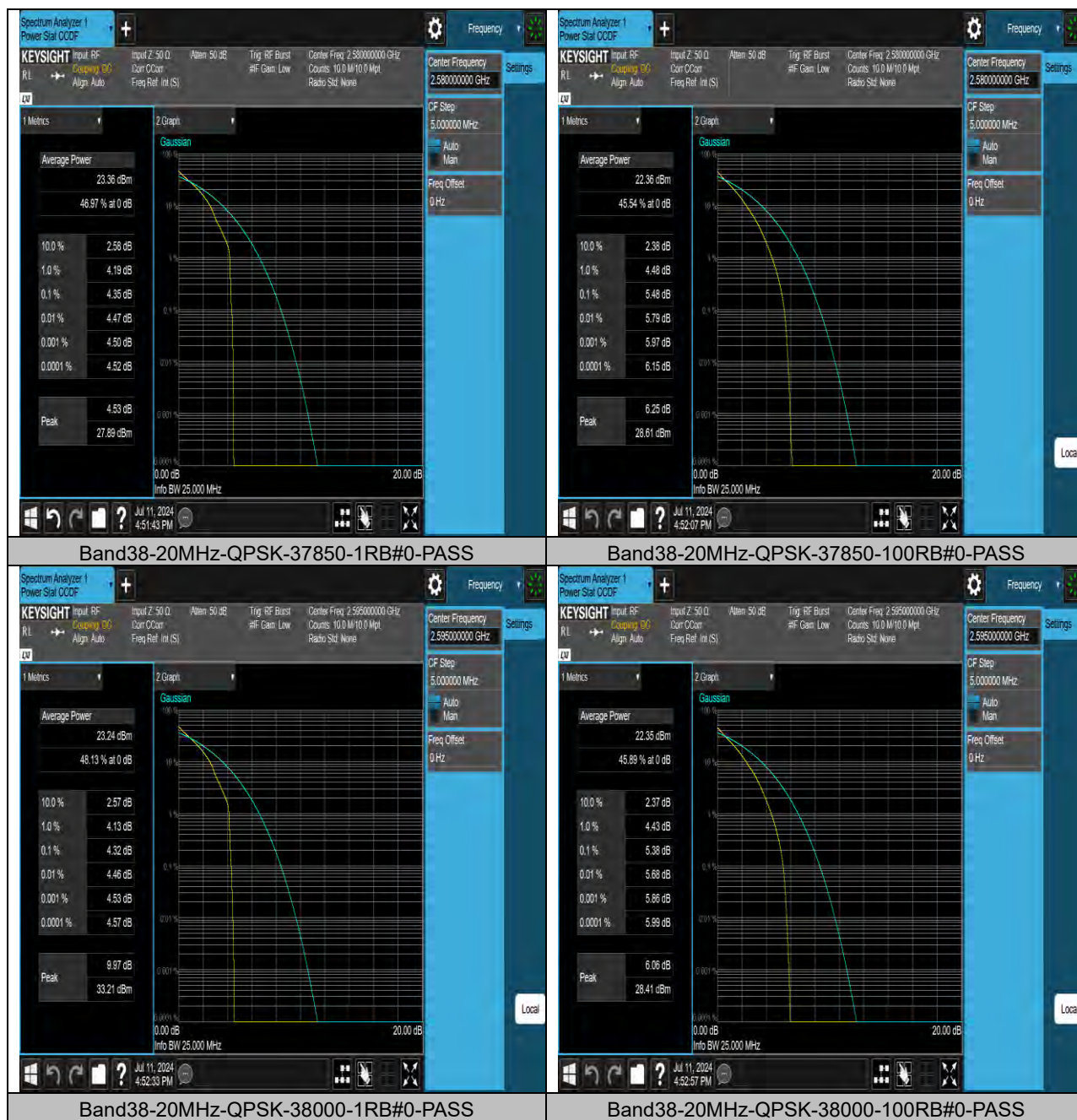
APPENDIX D

LTE BAND 38

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	1RB#0	8.49	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.48	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.32	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.38	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.19	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.41	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.30	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.32	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.20	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.23	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	5.11	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.26	13	PASS

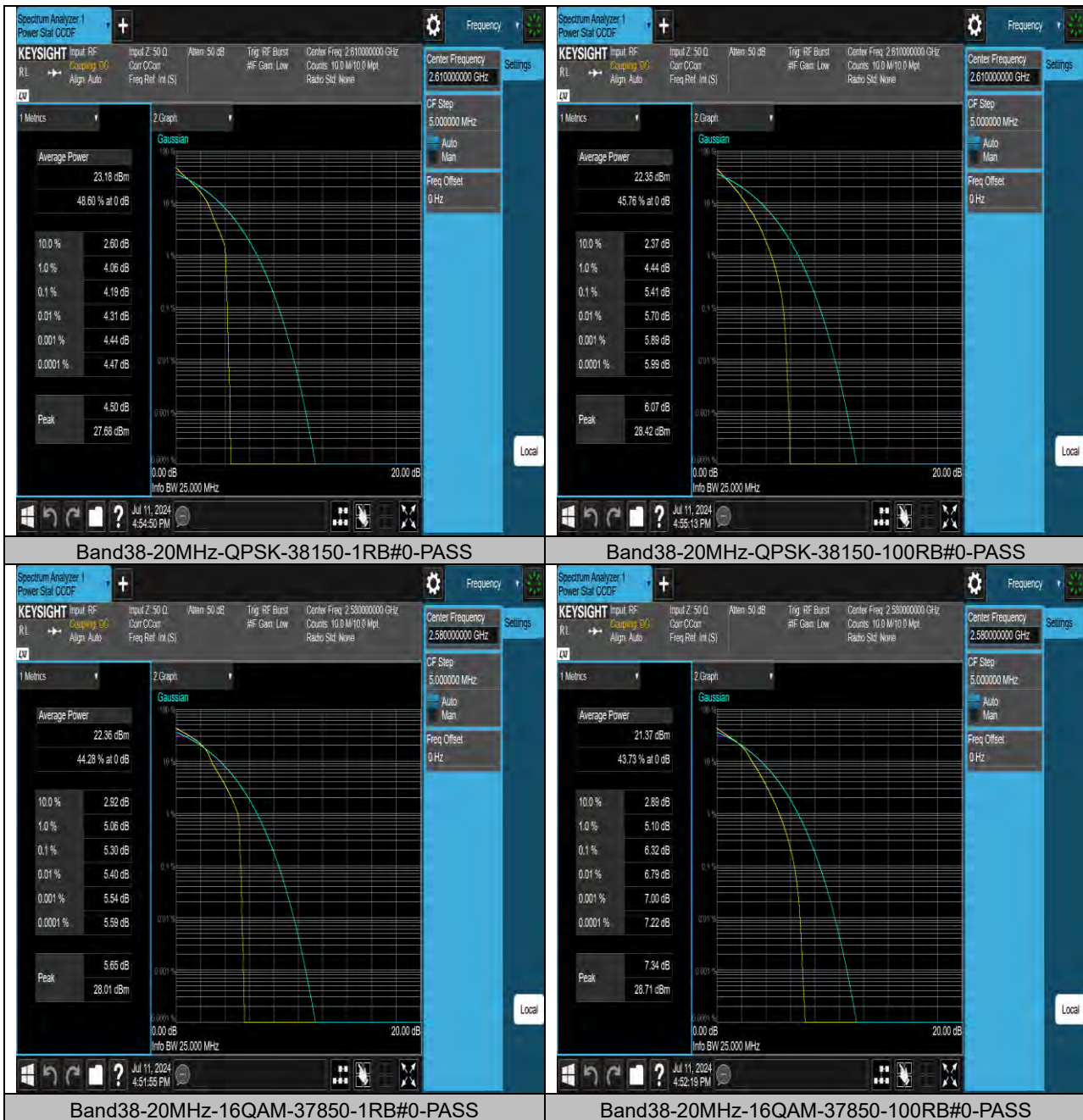
TEST GRAPHS





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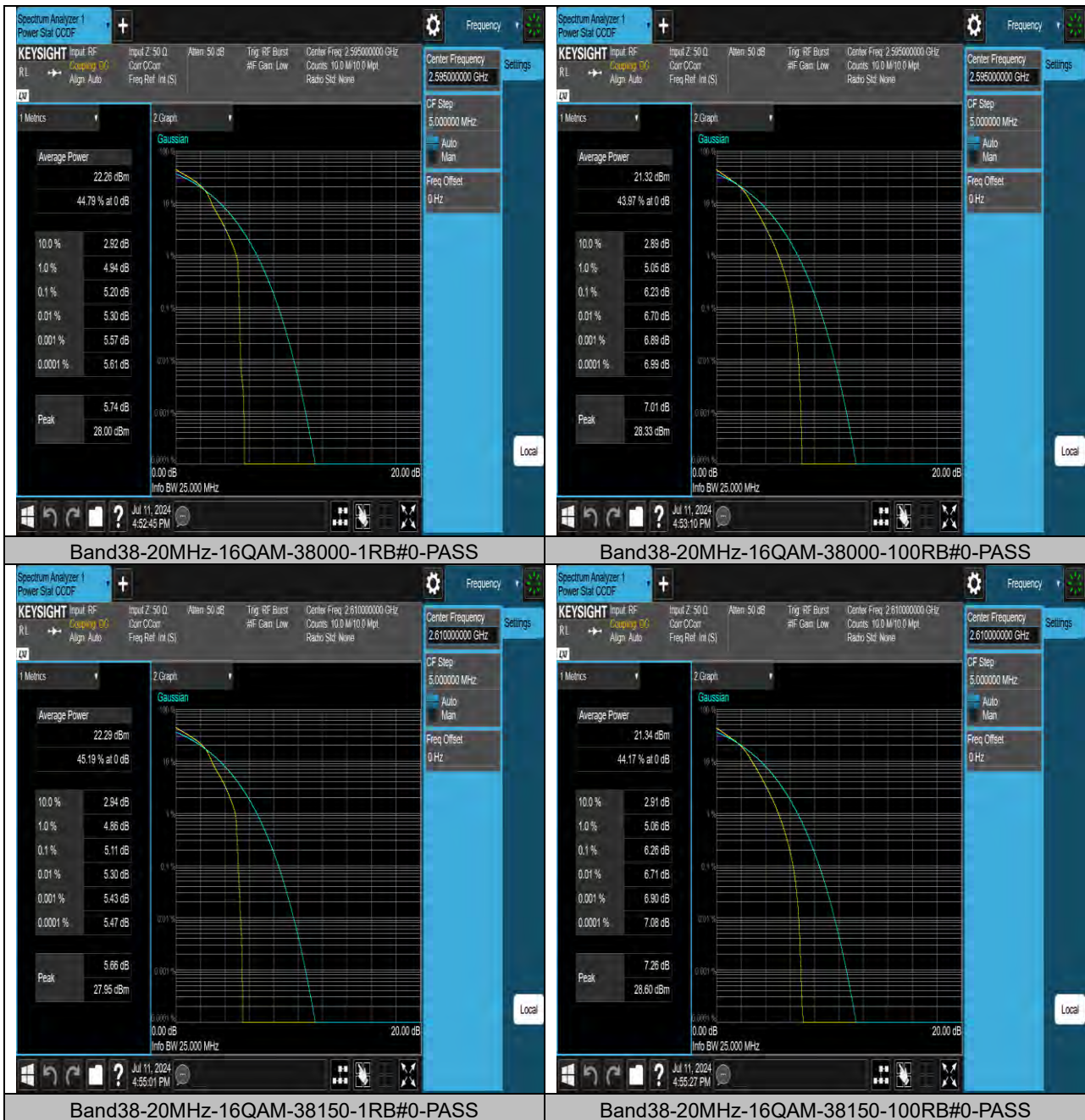
Reference No.: W7L-P24070005RF04





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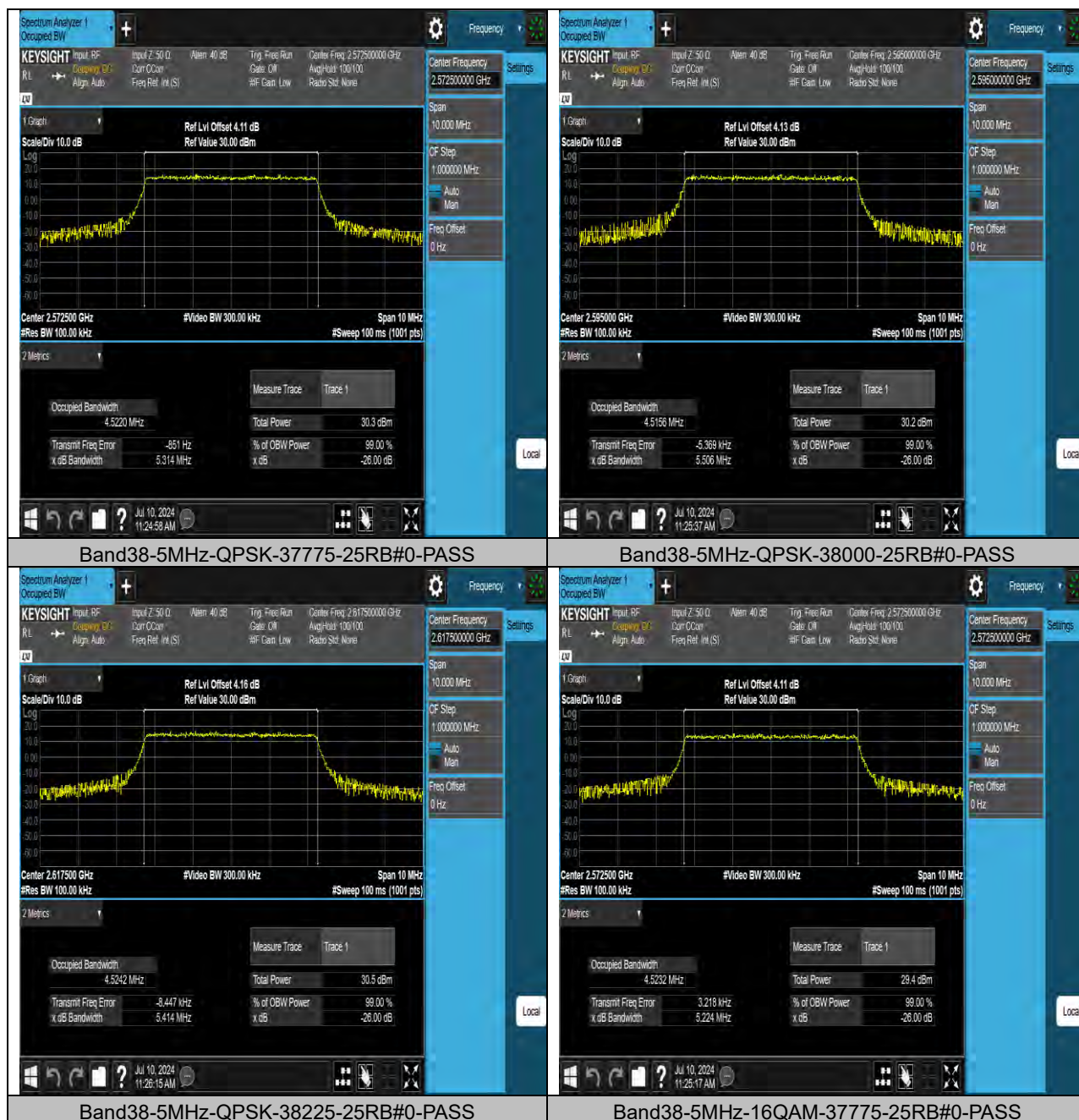
Reference No.: W7L-P24070005RF04



26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5220	5.314	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5156	5.506	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5242	5.414	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5232	5.224	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5308	5.194	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5147	5.414	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.0191	10.51	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.0158	10.19	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0342	10.84	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0161	10.01	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.0070	10.66	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9853	10.08	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.492	15.46	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.488	15.14	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.486	15.06	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.498	15.34	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.474	15.13	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.515	15.22	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.981	20.45	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.965	20.60	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.976	20.58	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.967	19.96	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.000	20.74	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.982	19.73	PASS

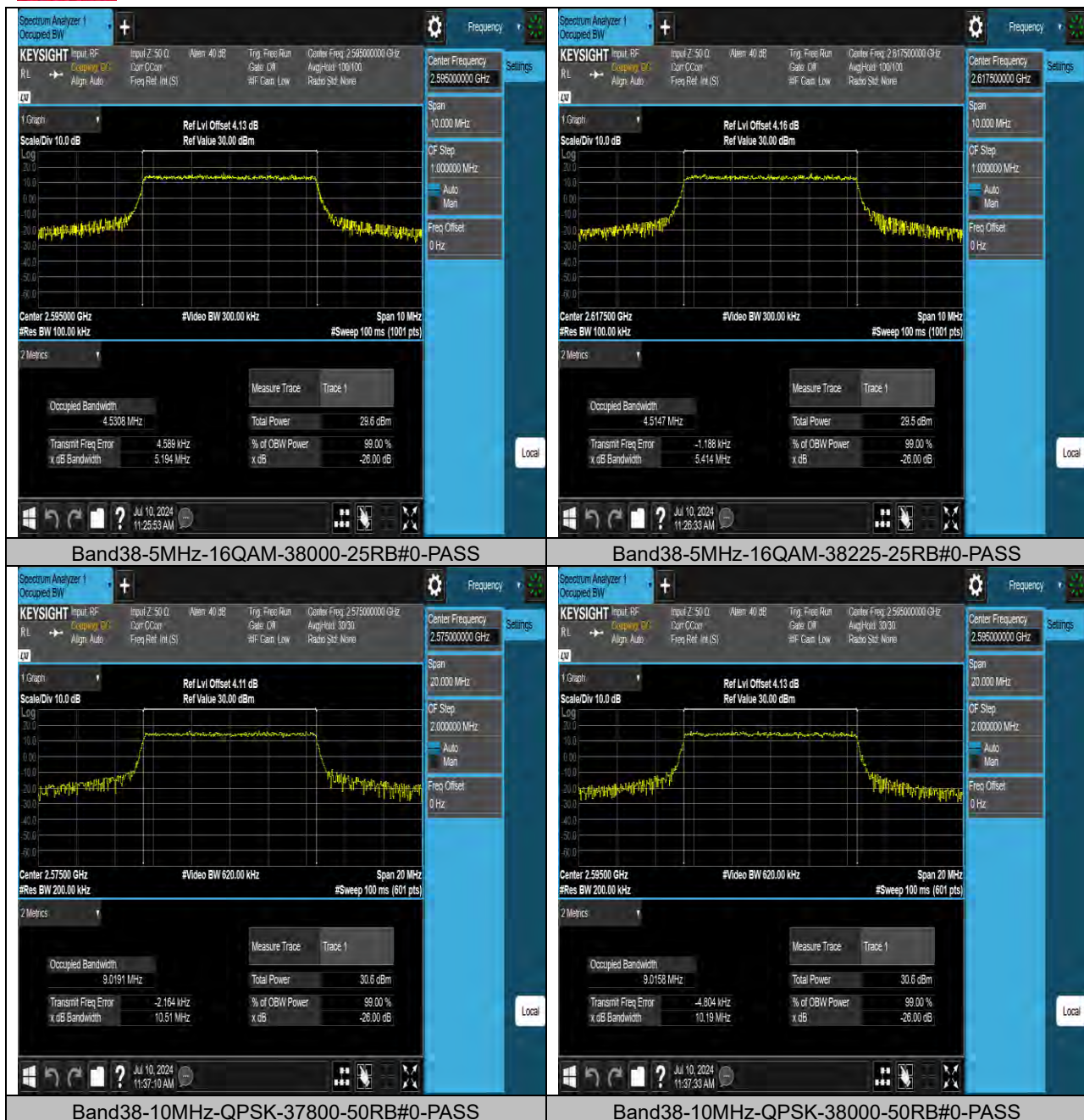
TEST GRAPHS





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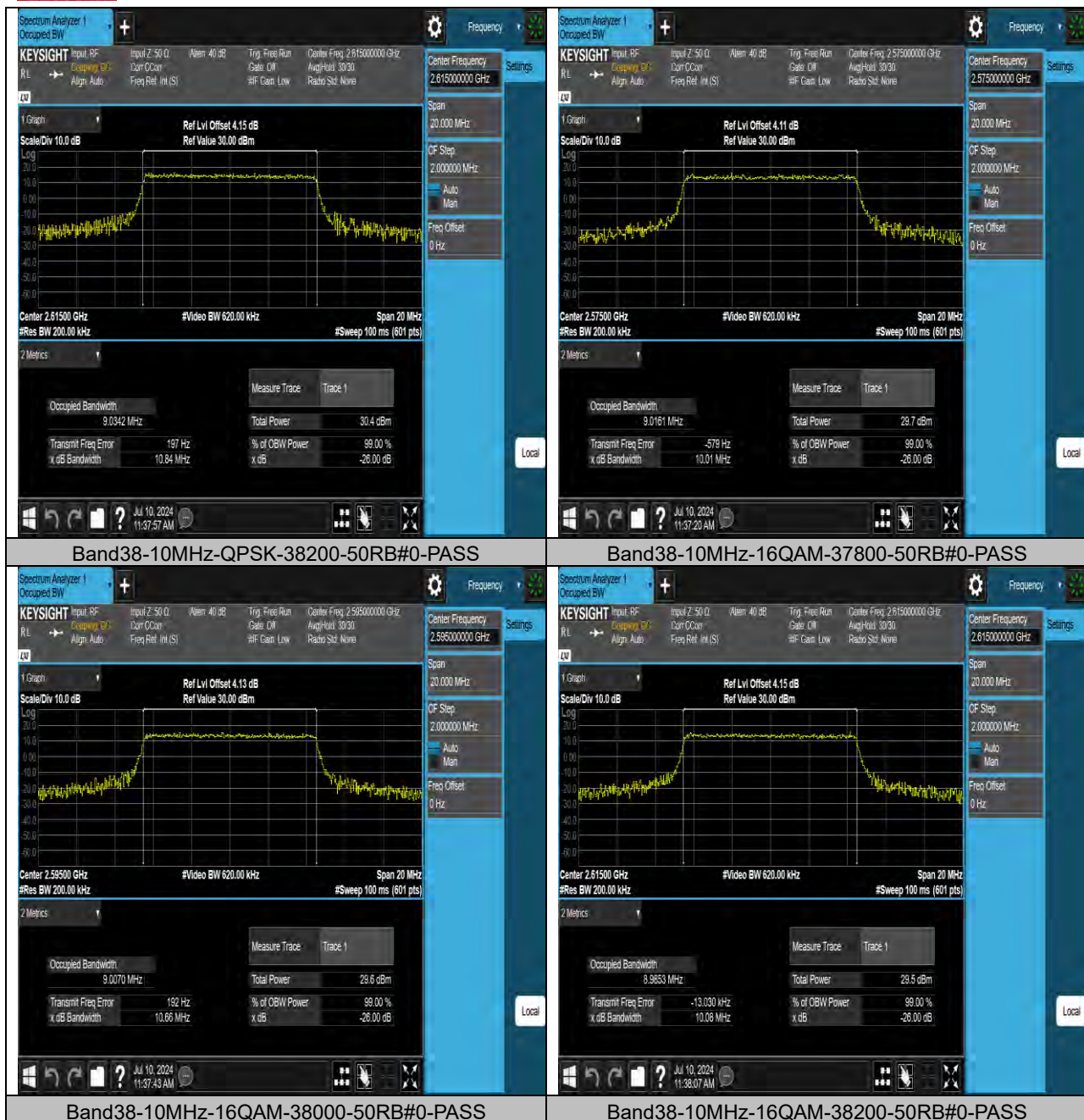
Reference No.: W7L-P24070005RF04





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VERITAS

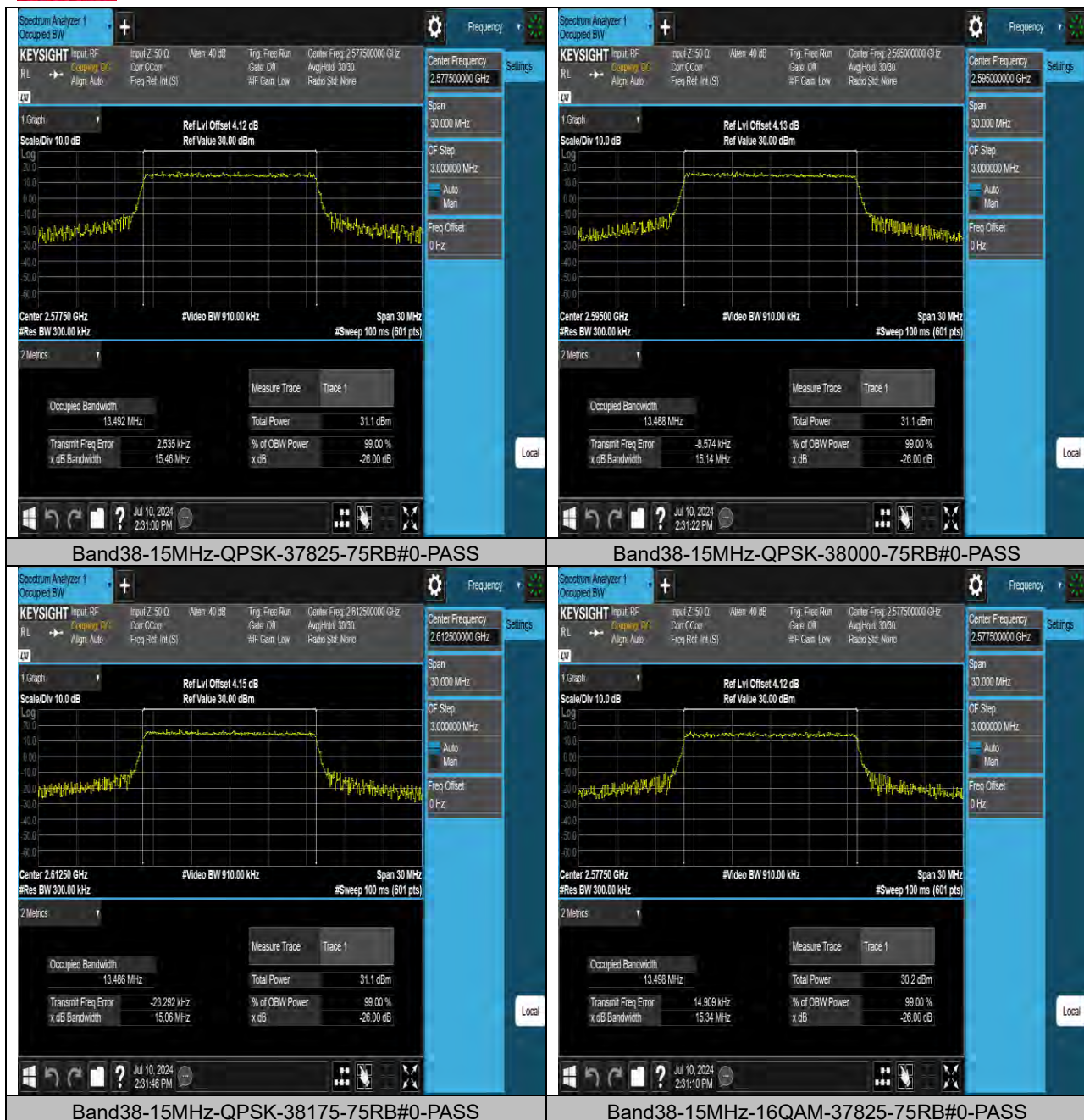
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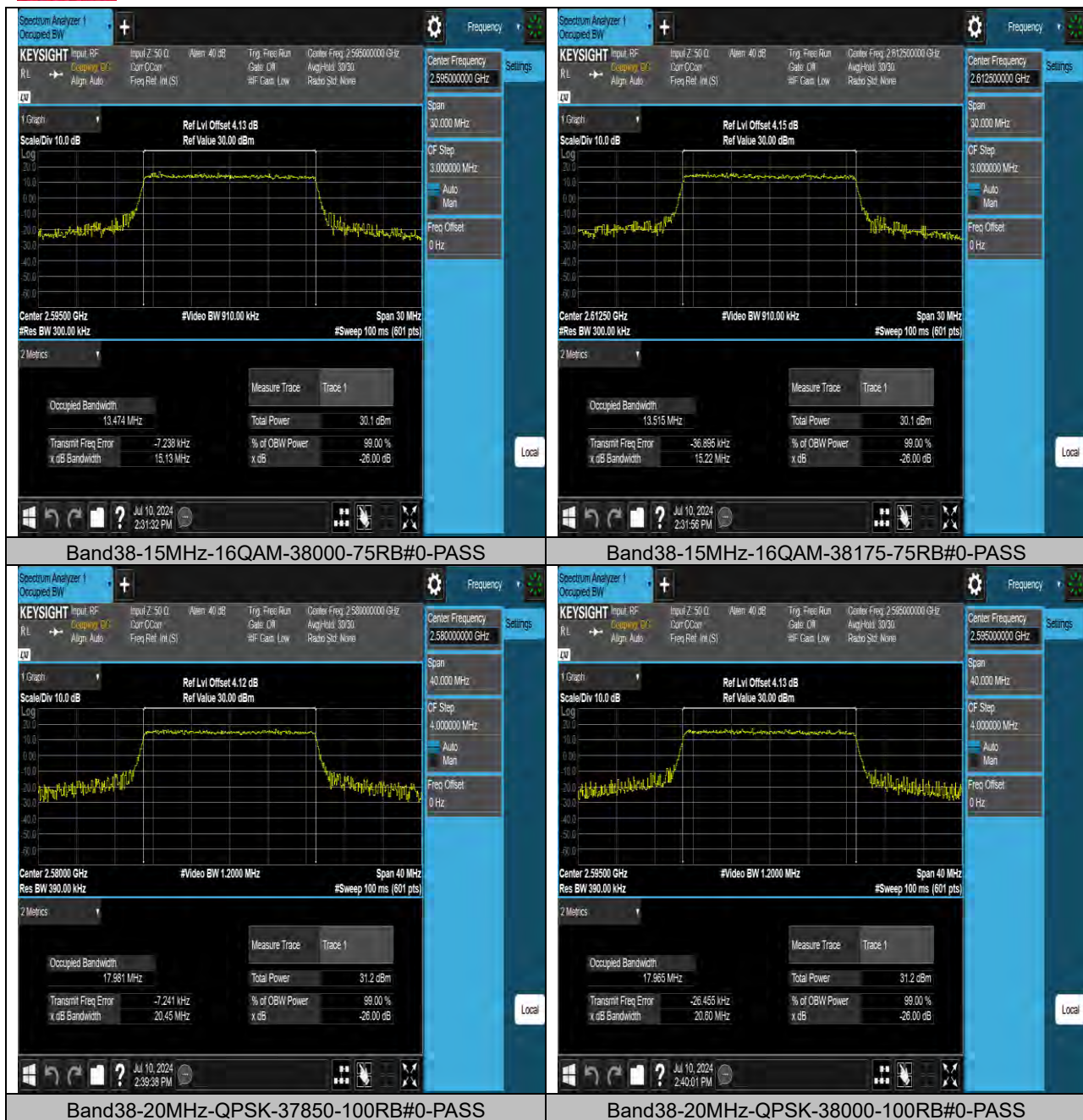
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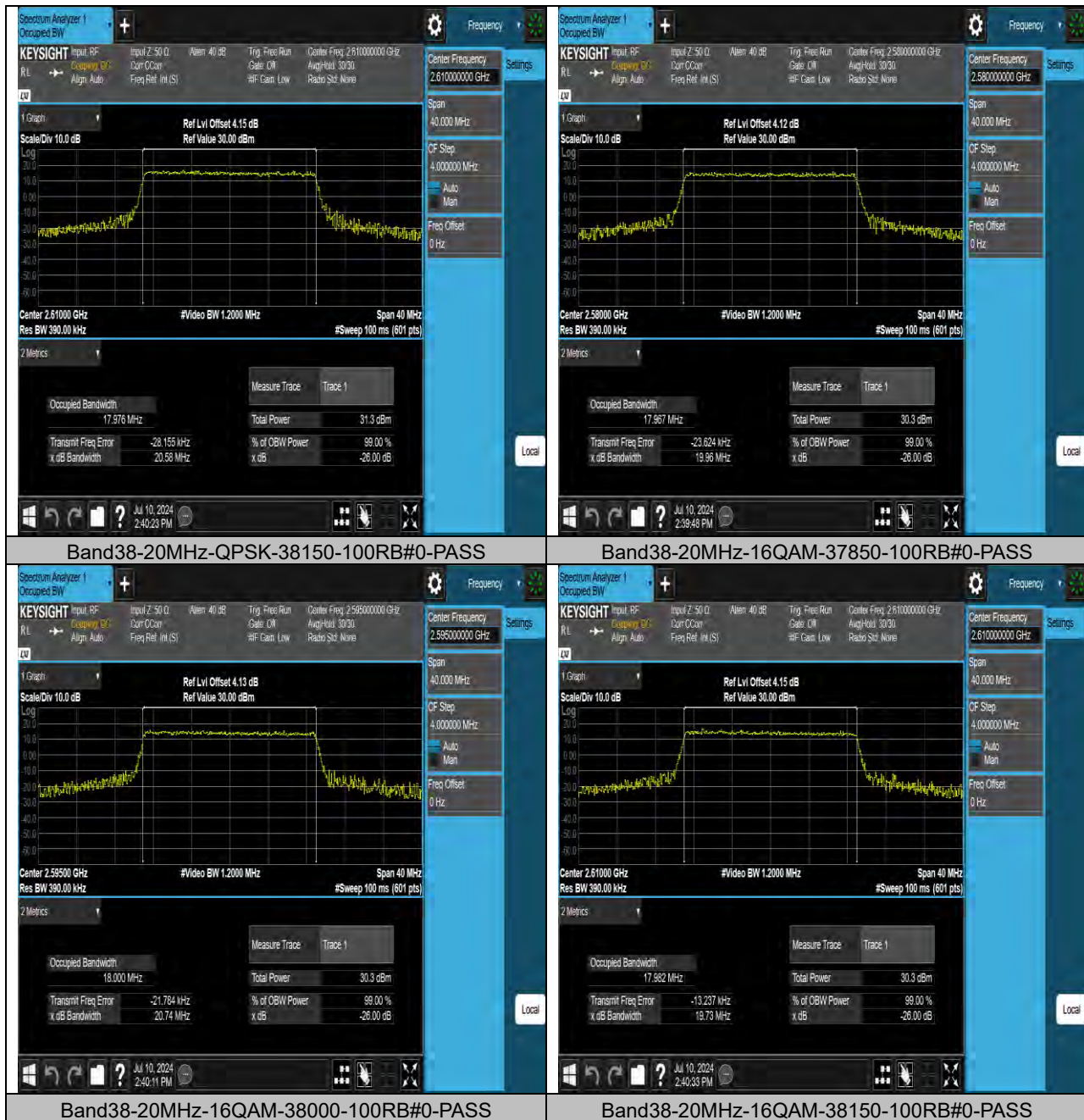
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BAND EDGE TEST RESULT

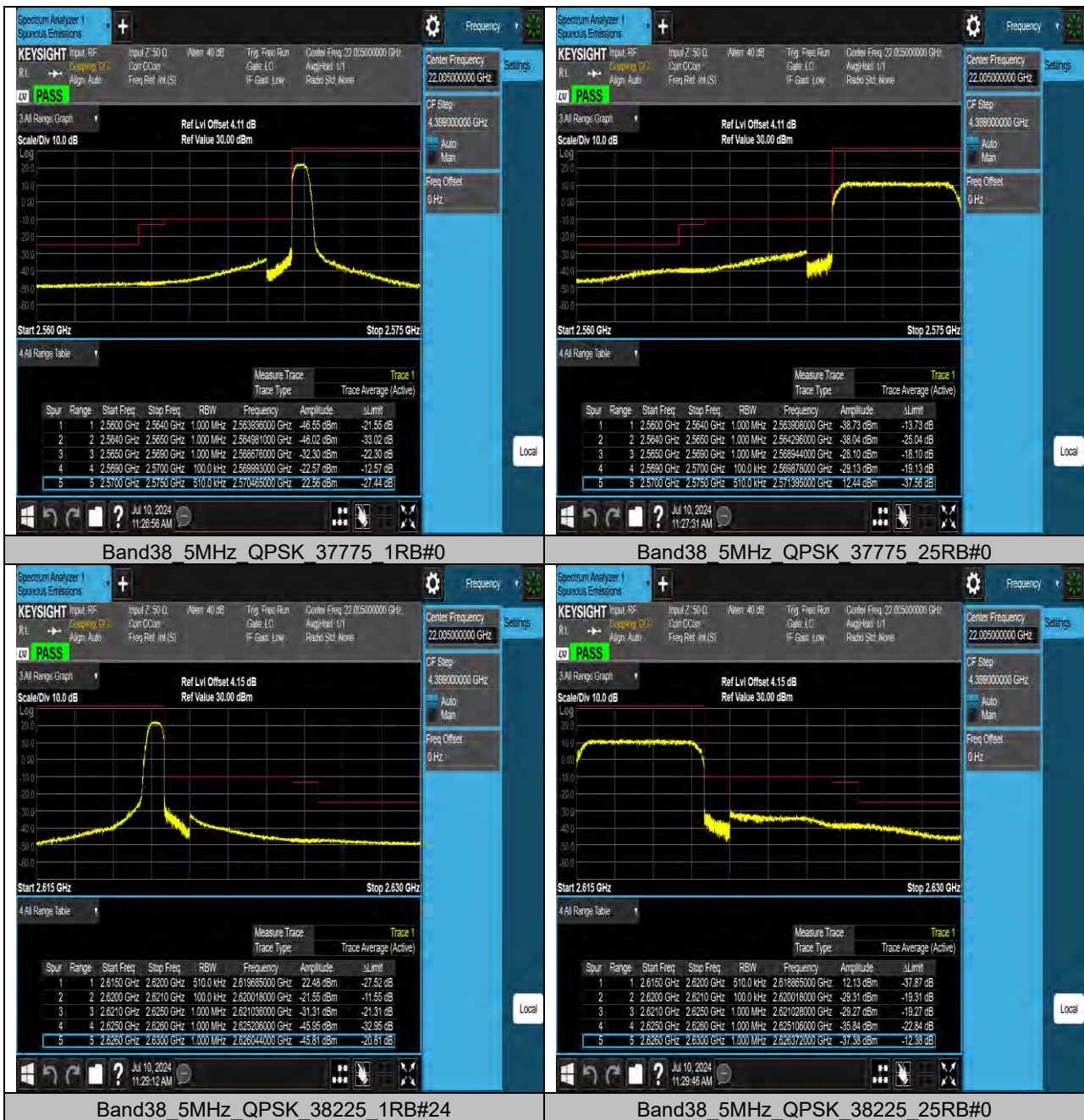
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-22.57	PASS
Band38	5MHz	QPSK	37775	25RB#0	-38.73	PASS
Band38	5MHz	QPSK	38225	1RB#24	-21.55	PASS
Band38	5MHz	QPSK	38225	25RB#0	-37.38	PASS
Band38	5MHz	16QAM	37775	1RB#0	-24.22	PASS
Band38	5MHz	16QAM	37775	25RB#0	-39.62	PASS
Band38	5MHz	16QAM	38225	1RB#24	-24.79	PASS
Band38	5MHz	16QAM	38225	25RB#0	-38.14	PASS
Band38	10MHz	QPSK	37800	1RB#0	-30.30	PASS
Band38	10MHz	QPSK	37800	50RB#0	-40.16	PASS
Band38	10MHz	QPSK	38200	1RB#49	-27.60	PASS
Band38	10MHz	QPSK	38200	50RB#0	-38.40	PASS
Band38	10MHz	16QAM	37800	1RB#0	-29.12	PASS
Band38	10MHz	16QAM	37800	50RB#0	-41.12	PASS
Band38	10MHz	16QAM	38200	1RB#49	-29.20	PASS
Band38	10MHz	16QAM	38200	50RB#0	-39.66	PASS
Band38	15MHz	QPSK	37825	1RB#0	-27.12	PASS
Band38	15MHz	QPSK	37825	75RB#0	-36.59	PASS
Band38	15MHz	QPSK	38175	1RB#74	-27.68	PASS
Band38	15MHz	QPSK	38175	75RB#0	-36.16	PASS
Band38	15MHz	16QAM	37825	1RB#0	-28.31	PASS
Band38	15MHz	16QAM	37825	75RB#0	-40.11	PASS
Band38	15MHz	16QAM	38175	1RB#74	-30.24	PASS
Band38	15MHz	16QAM	38175	75RB#0	-39.43	PASS
Band38	20MHz	QPSK	37850	1RB#0	-31.72	PASS
Band38	20MHz	QPSK	37850	100RB#0	-41.74	PASS
Band38	20MHz	QPSK	38150	1RB#99	-31.25	PASS
Band38	20MHz	QPSK	38150	100RB#0	-41.49	PASS
Band38	20MHz	16QAM	37850	1RB#0	-31.86	PASS
Band38	20MHz	16QAM	37850	100RB#0	-42.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	-32.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	-41.91	PASS



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Reference No.: W7L-P24070005RF04

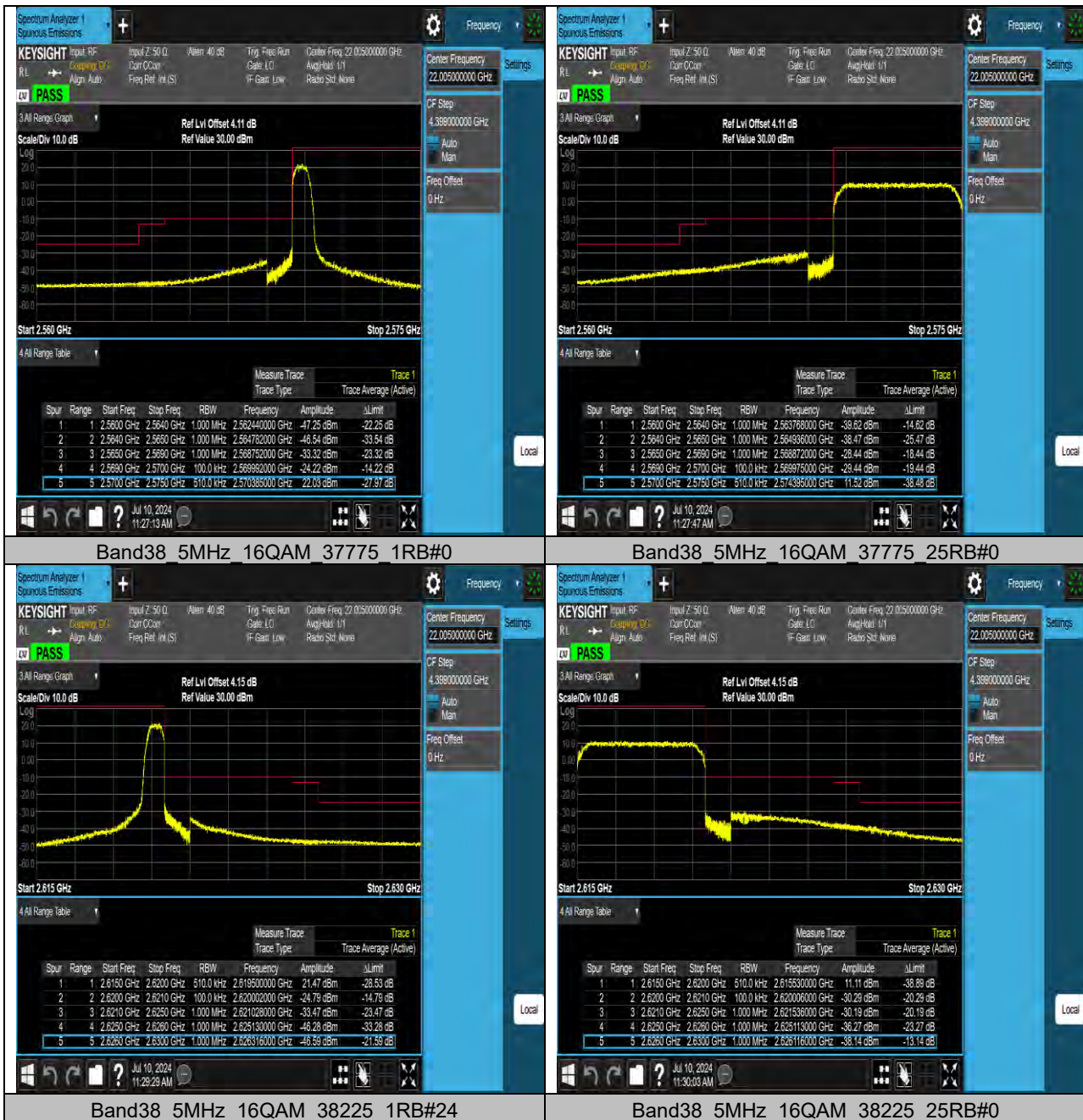
TEST GRAPHS





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VERITAS

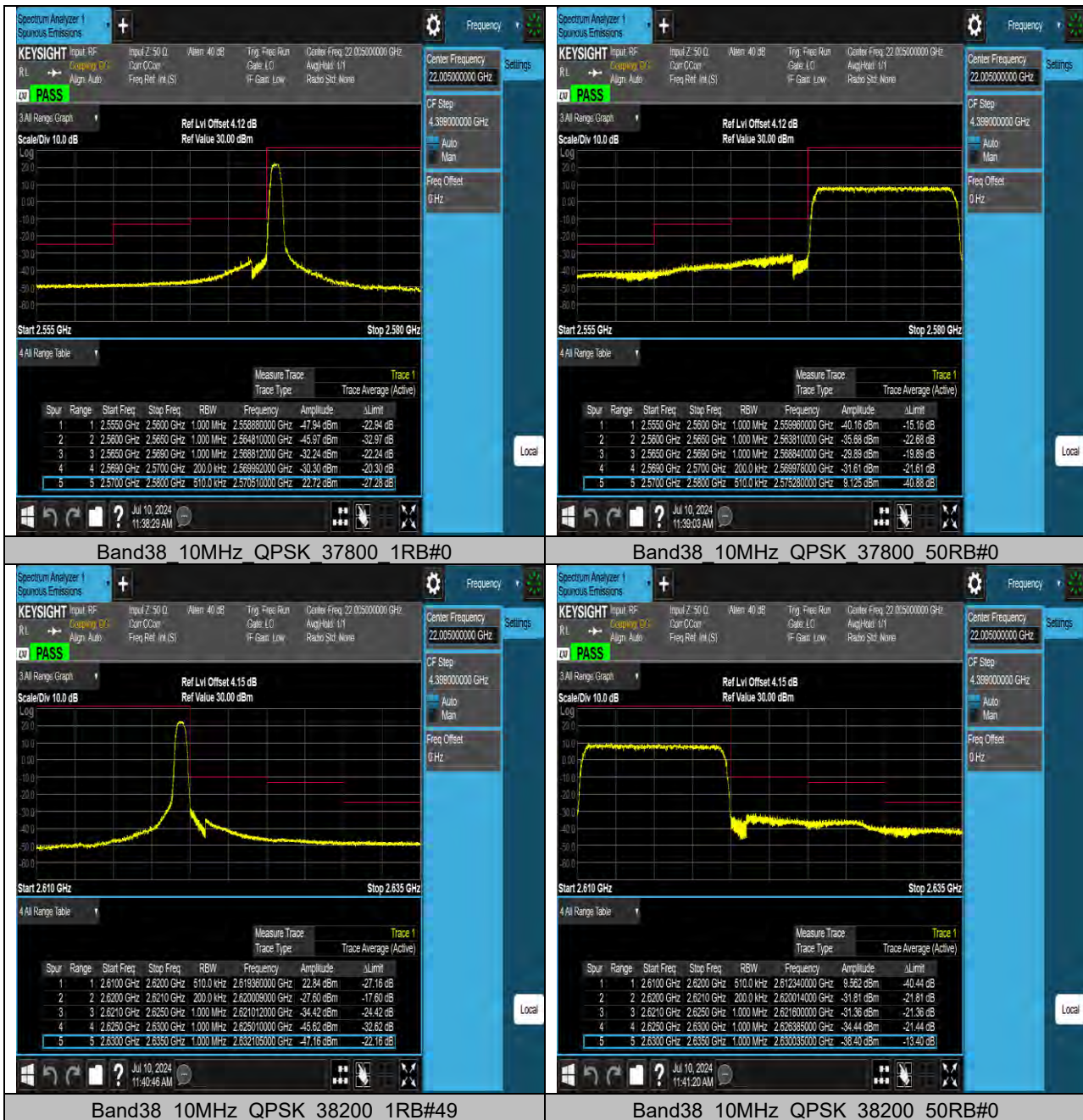
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VERITAS

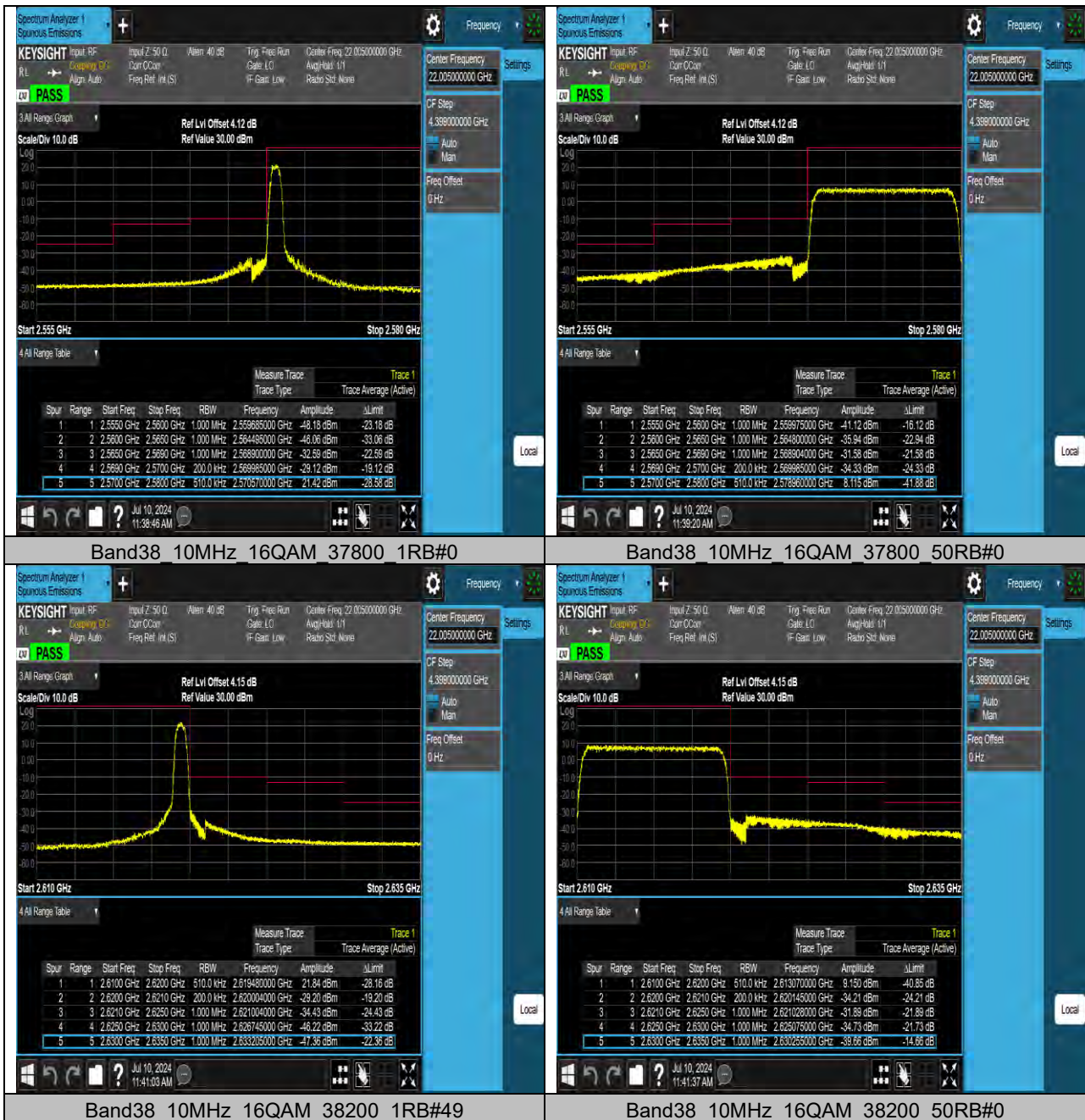
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VERITAS

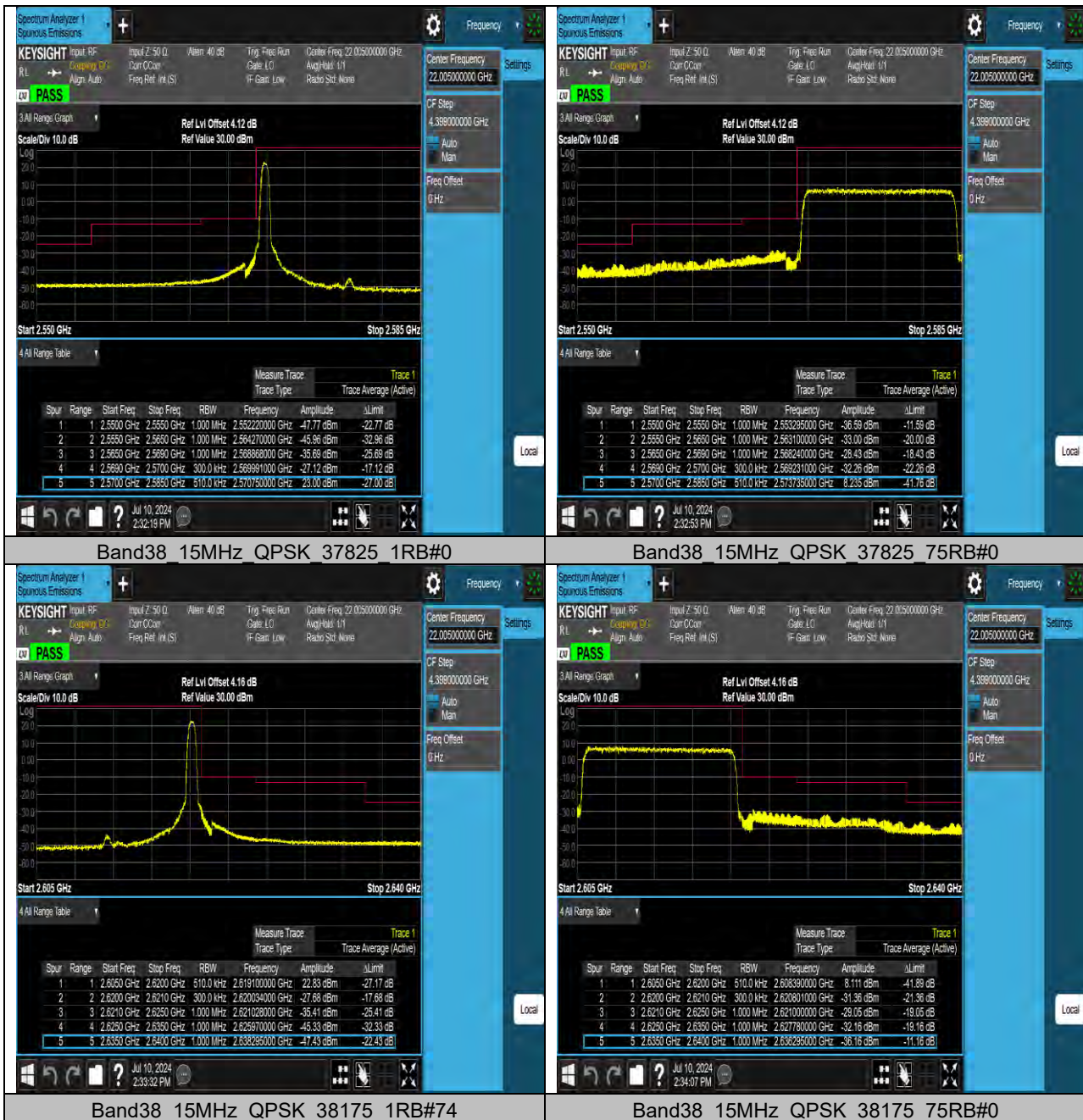
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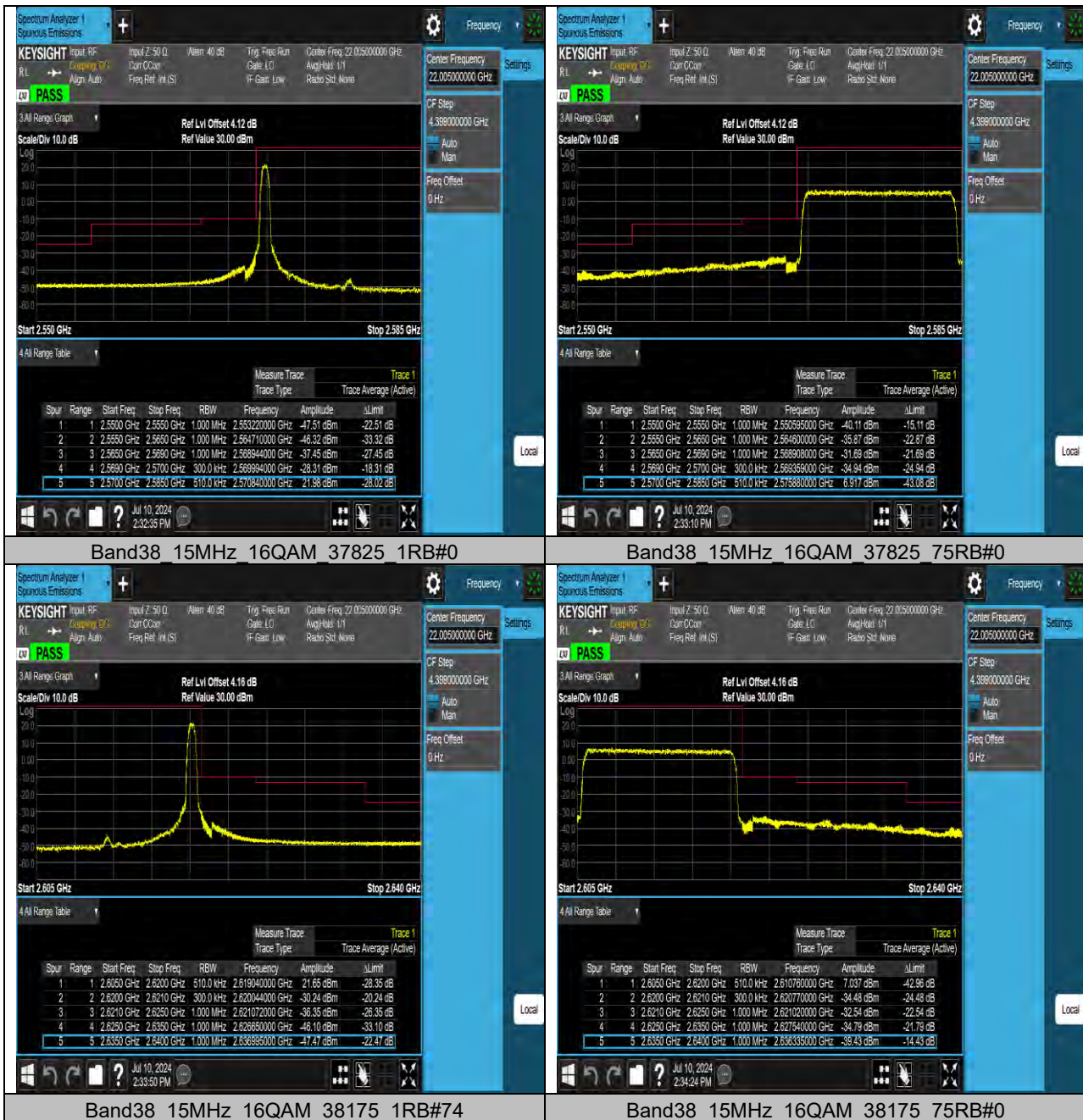
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VERITAS

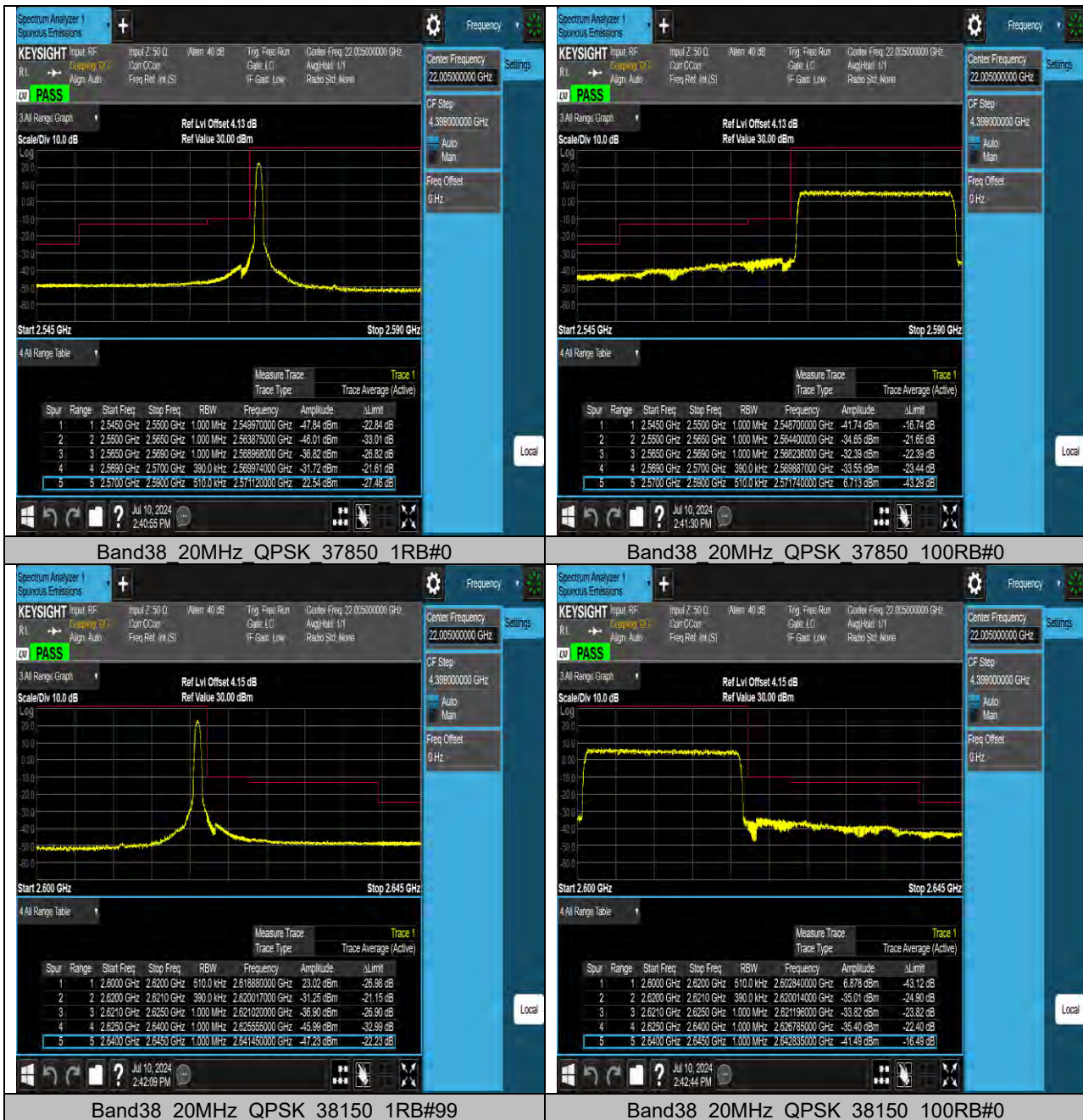
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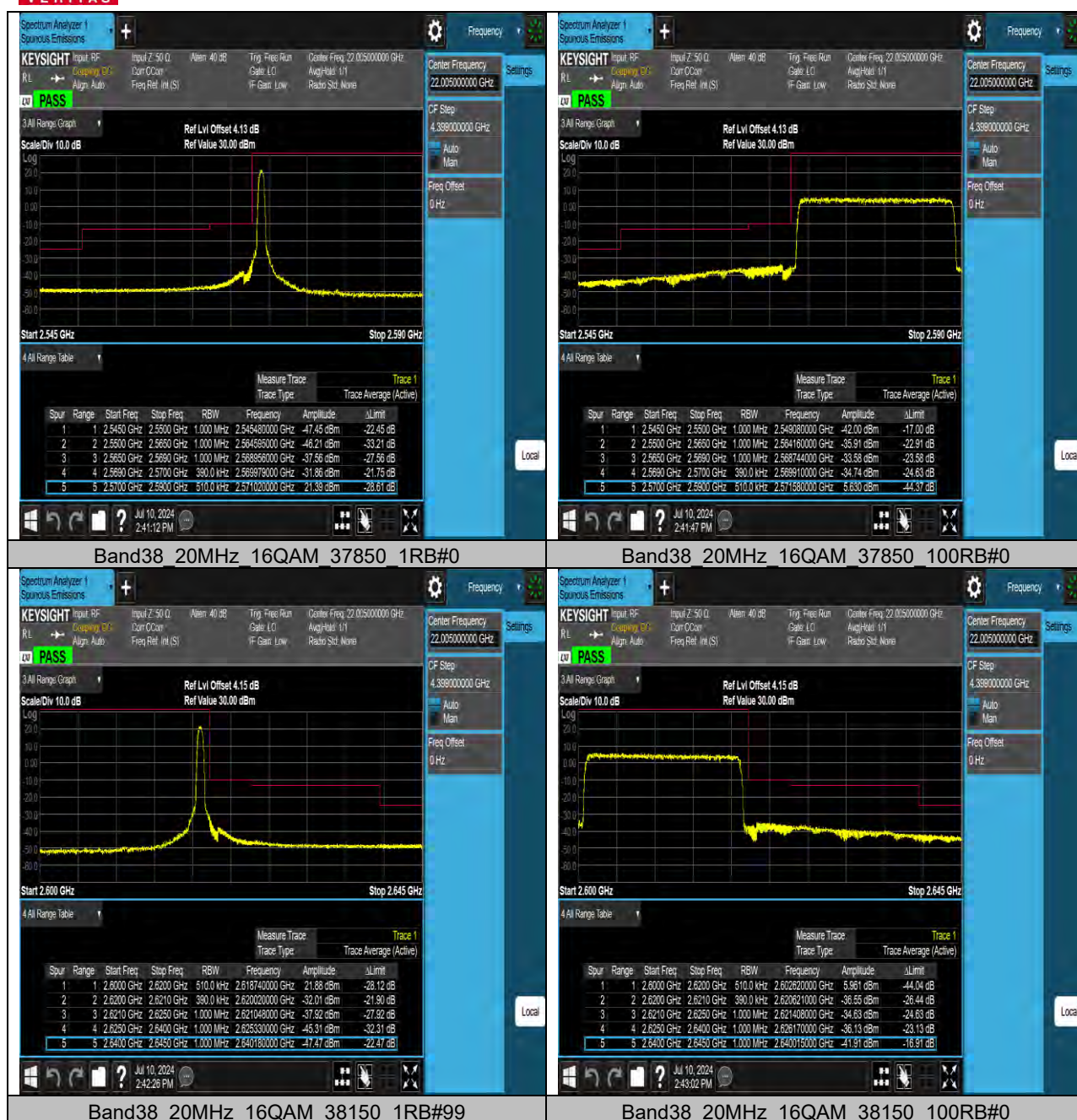
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Reference No.: W7L-P24070005RF04





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CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-57.43	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~10000	-47.91	PASS
Band38	5MHz	QPSK	37775	1RB#0	10000~20000	-55.61	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-53.60	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-46.96	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~10000	-48.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	10000~20000	-55.77	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-54.10	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-48.20	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~10000	-48.10	PASS
Band38	5MHz	QPSK	38225	1RB#0	10000~20000	-55.84	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-53.73	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-57.61	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~10000	-47.49	PASS
Band38	10MHz	QPSK	37800	1RB#0	10000~20000	-55.38	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-53.37	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-57.80	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~10000	-47.58	PASS
Band38	10MHz	QPSK	38000	1RB#0	10000~20000	-55.16	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-53.11	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-48.35	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~10000	-47.52	PASS
Band38	10MHz	QPSK	38200	1RB#0	10000~20000	-54.98	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-53.38	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-57.49	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~10000	-47.11	PASS
Band38	15MHz	QPSK	37825	1RB#0	10000~20000	-55.01	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-52.84	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-57.37	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~10000	-47.12	PASS
Band38	15MHz	QPSK	38000	1RB#0	10000~20000	-54.74	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-52.70	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-48.42	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~10000	-47.19	PASS
Band38	15MHz	QPSK	38175	1RB#0	10000~20000	-54.77	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-52.49	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-57.26	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~10000	-47.13	PASS
Band38	20MHz	QPSK	37850	1RB#0	10000~20000	-54.76	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-52.87	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-57.58	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~10000	-47.35	PASS
Band38	20MHz	QPSK	38000	1RB#0	10000~20000	-54.64	PASS



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Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-52.67	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-48.39	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~10000	-47.25	PASS
Band38	20MHz	QPSK	38150	1RB#0	10000~20000	-54.84	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-52.76	PASS

TEST GRAPHS





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Reference No.: W7L-P24070005RF04





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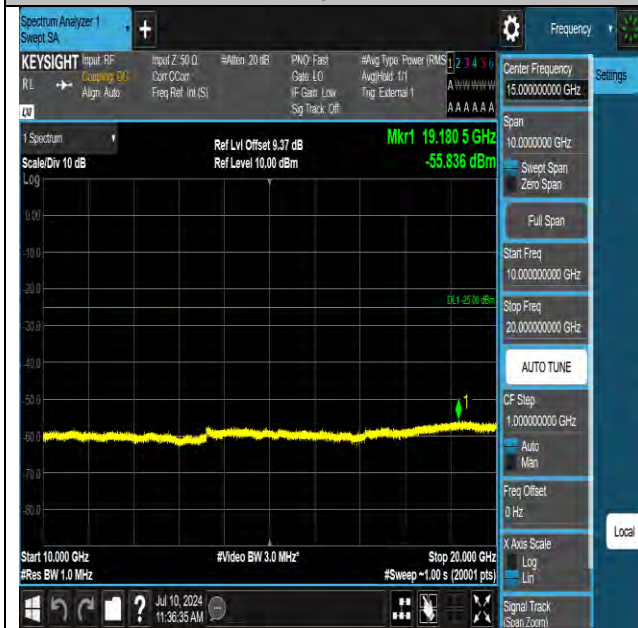
Reference No.: W7L-P24070005RF04



Band38_5MHz_QPSK_38225_1RB#0_30~1000_30~100
0



Band38_5MHz_QPSK_38225_1RB#0_1000~10000_100
0~10000



Band38_5MHz_QPSK_38225_1RB#0_10000~20000_10
000~20000



Band38_5MHz_QPSK_38225_1RB#0_20000~27000_20
000~27000



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Reference No.: W7L-P24070005RF04





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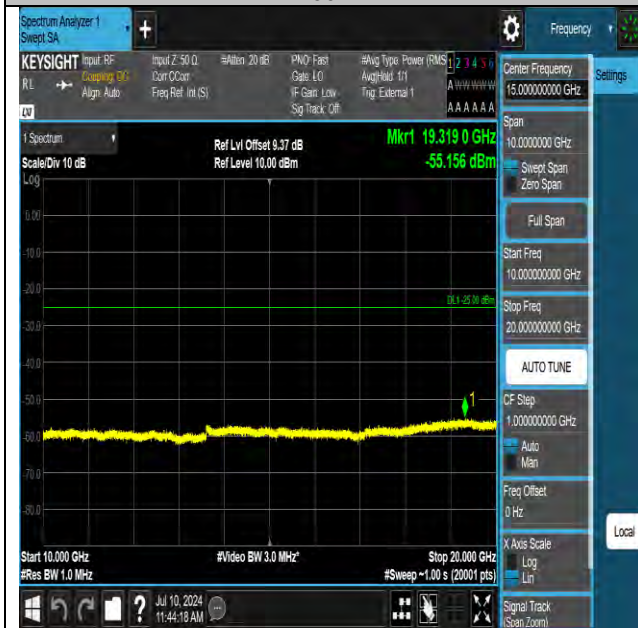
Reference No.: W7L-P24070005RF04



Band38_10MHz_QPSK_38000_1RB#0_30~1000_30~1000



Band38_10MHz_QPSK_38000_1RB#0_1000~10000_1000~10000



Band38_10MHz_QPSK_38000_1RB#0_10000~20000_10000~20000



Band38_10MHz_QPSK_38000_1RB#0_20000~27000_20000~27000