

APPENDIX I

LTE BAND 48

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	3.63	13	PASS
Band48	5MHz	QPSK	55265	25RB#0	5.37	13	PASS
Band48	5MHz	QPSK	55990	1RB#0	3.76	13	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.23	13	PASS
Band48	5MHz	QPSK	56715	1RB#0	3.55	13	PASS
Band48	5MHz	QPSK	56715	25RB#0	5.04	13	PASS
Band48	5MHz	16QAM	55265	1RB#0	5.68	13	PASS
Band48	5MHz	16QAM	55265	25RB#0	6.04	13	PASS
Band48	5MHz	16QAM	55990	1RB#0	5.58	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	5.93	13	PASS
Band48	5MHz	16QAM	56715	1RB#0	5.34	13	PASS
Band48	5MHz	16QAM	56715	25RB#0	5.73	13	PASS
Band48	10MHz	QPSK	55290	1RB#0	3.70	13	PASS
Band48	10MHz	QPSK	55290	50RB#0	5.24	13	PASS
Band48	10MHz	QPSK	55990	1RB#0	3.65	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	5.13	13	PASS
Band48	10MHz	QPSK	56690	1RB#0	3.50	13	PASS
Band48	10MHz	QPSK	56690	50RB#0	5.03	13	PASS
Band48	10MHz	16QAM	55290	1RB#0	5.67	13	PASS
Band48	10MHz	16QAM	55290	50RB#0	6.04	13	PASS
Band48	10MHz	16QAM	55990	1RB#0	5.50	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	5.95	13	PASS
Band48	10MHz	16QAM	56690	1RB#0	5.32	13	PASS
Band48	10MHz	16QAM	56690	50RB#0	5.88	13	PASS
Band48	15MHz	QPSK	55315	1RB#0	3.66	13	PASS
Band48	15MHz	QPSK	55315	75RB#0	5.51	13	PASS
Band48	15MHz	QPSK	55990	1RB#0	3.63	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	5.41	13	PASS
Band48	15MHz	QPSK	56665	1RB#0	3.58	13	PASS
Band48	15MHz	QPSK	56665	75RB#0	5.27	13	PASS
Band48	15MHz	16QAM	55315	1RB#0	5.70	13	PASS
Band48	15MHz	16QAM	55315	75RB#0	6.22	13	PASS
Band48	15MHz	16QAM	55990	1RB#0	5.51	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	6.14	13	PASS
Band48	15MHz	16QAM	56665	1RB#0	5.43	13	PASS

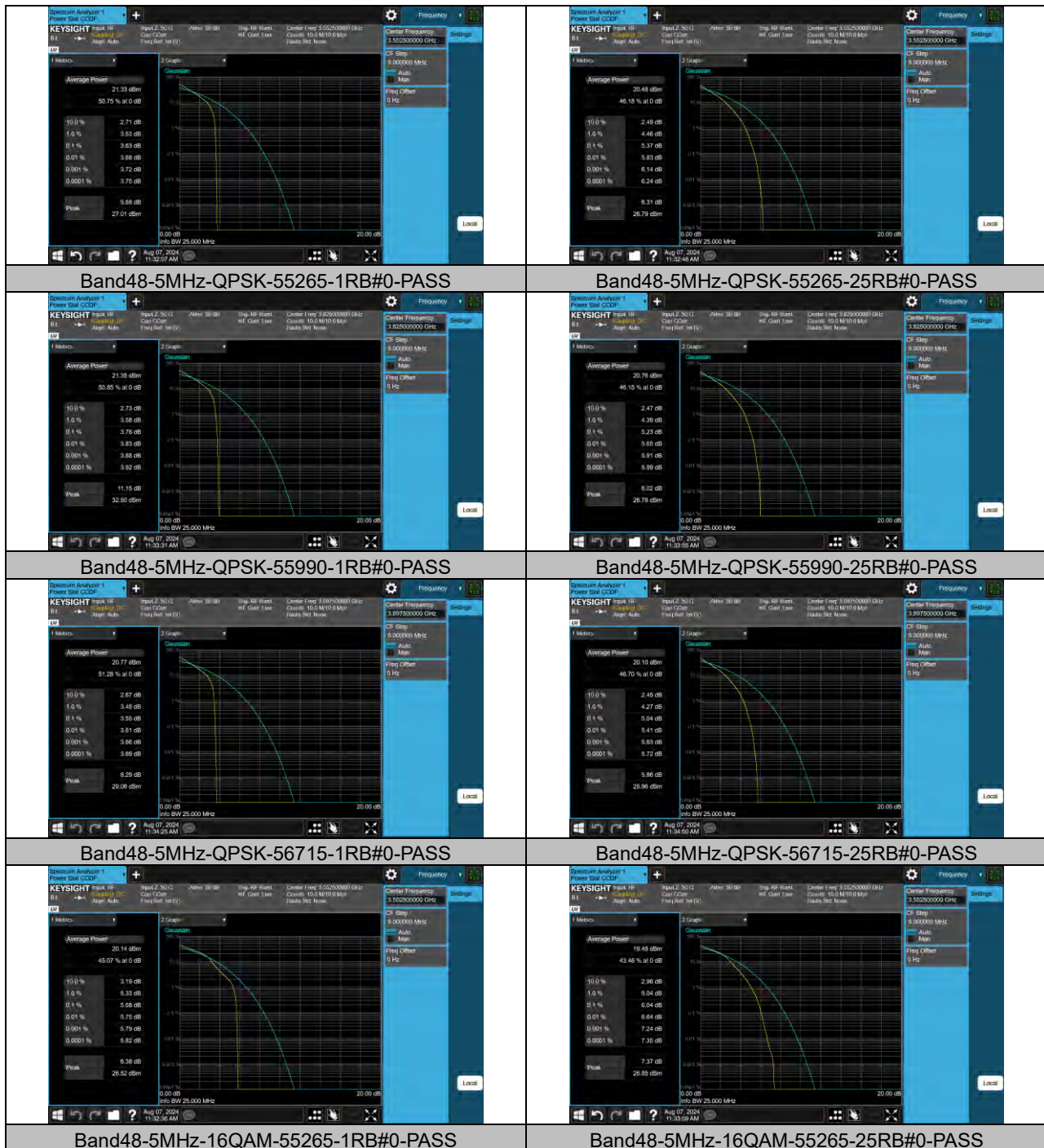


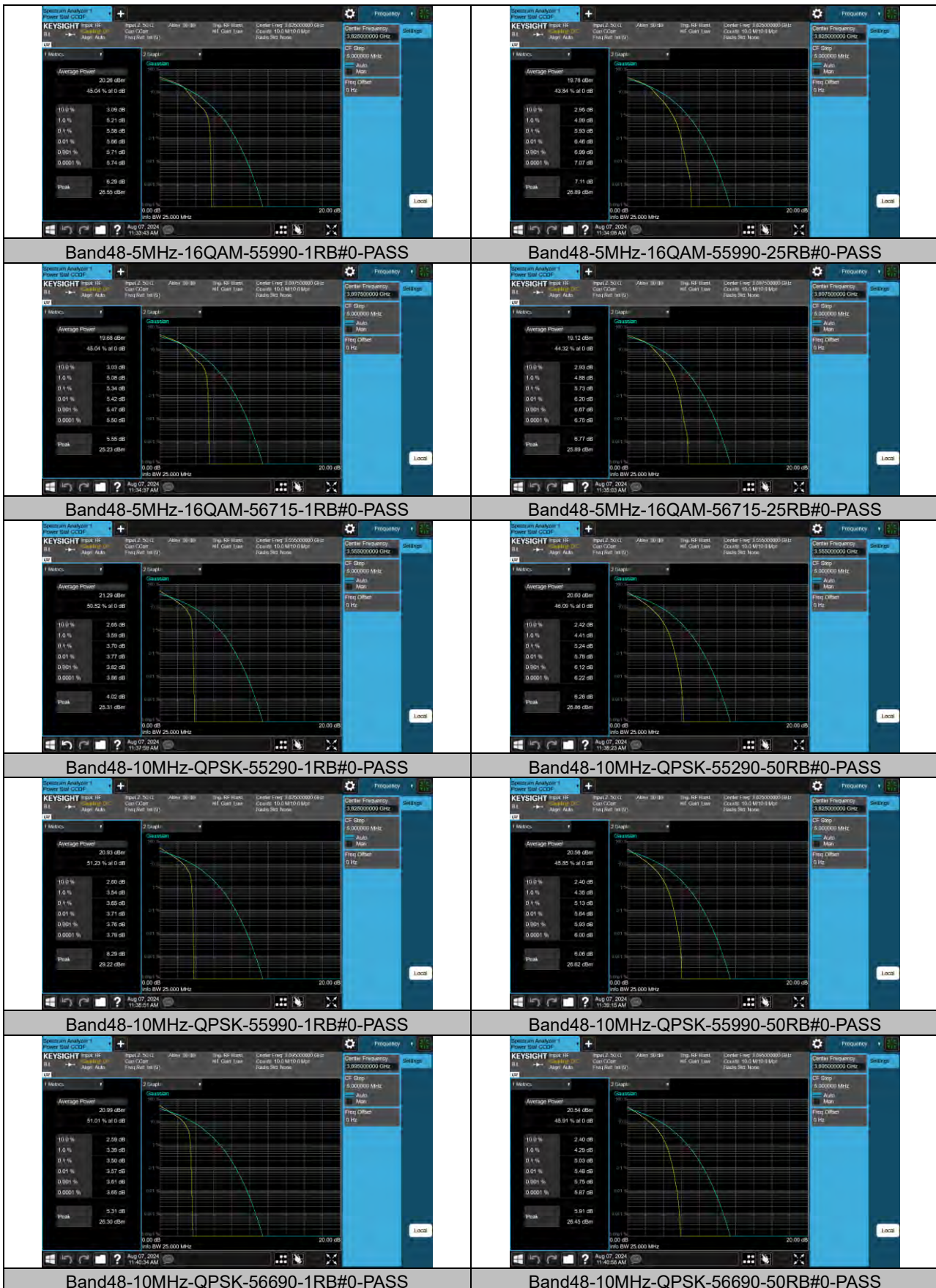
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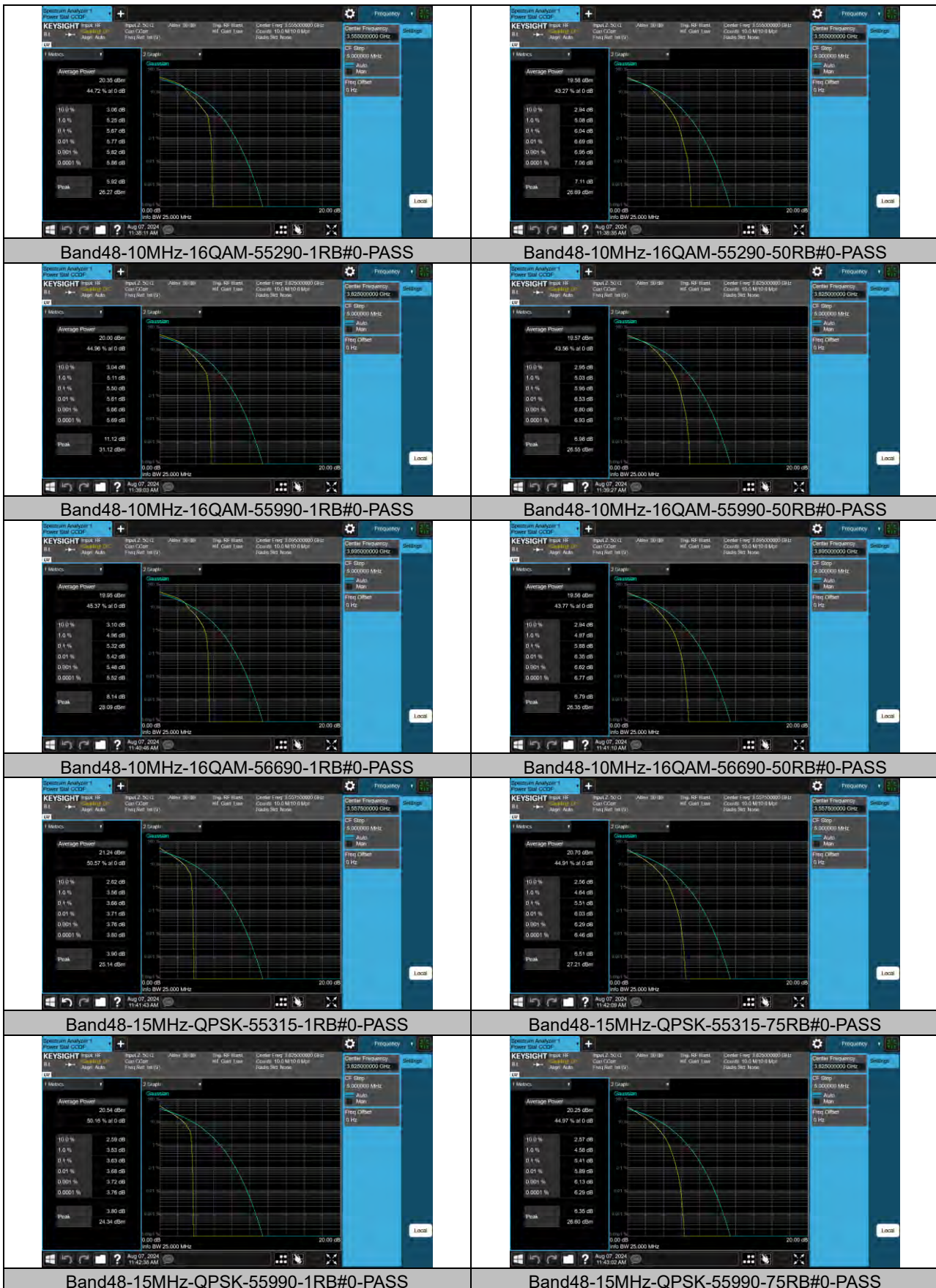
Reference No.: W7L-P24050018RF10

Band48	15MHz	16QAM	56665	75RB#0	6.01	13	PASS
Band48	20MHz	QPSK	55340	1RB#0	3.59	13	PASS
Band48	20MHz	QPSK	55340	100RB#0	5.28	13	PASS
Band48	20MHz	QPSK	55990	1RB#0	3.73	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	5.19	13	PASS
Band48	20MHz	QPSK	56640	1RB#0	3.51	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	5.06	13	PASS
Band48	20MHz	16QAM	55340	1RB#0	5.50	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	6.05	13	PASS
Band48	20MHz	16QAM	55990	1RB#0	5.55	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	5.98	13	PASS
Band48	20MHz	16QAM	56640	1RB#0	5.29	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	5.88	13	PASS

TEST GRAPHS



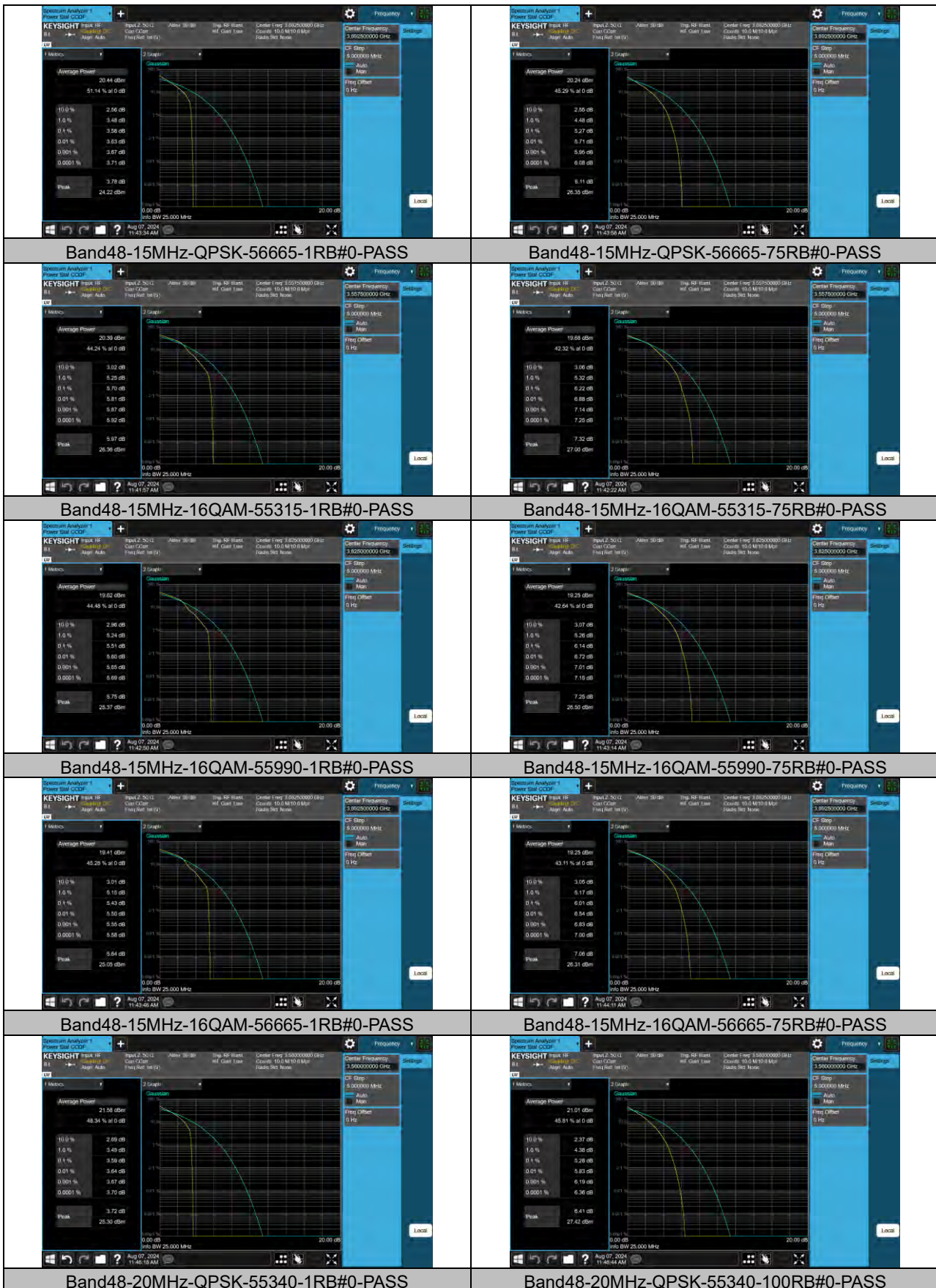






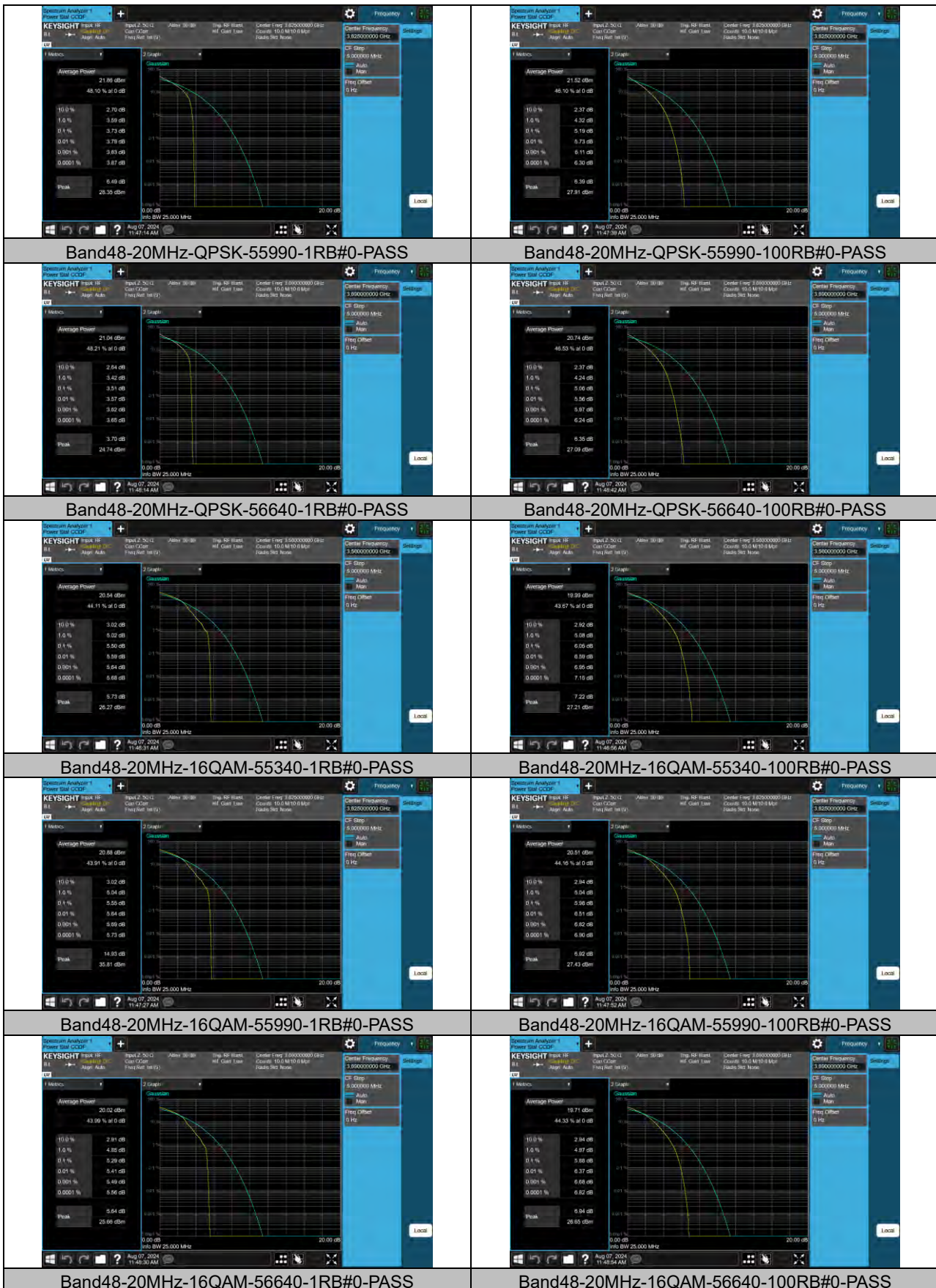
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Reference No.: W7L-P24050018RF10





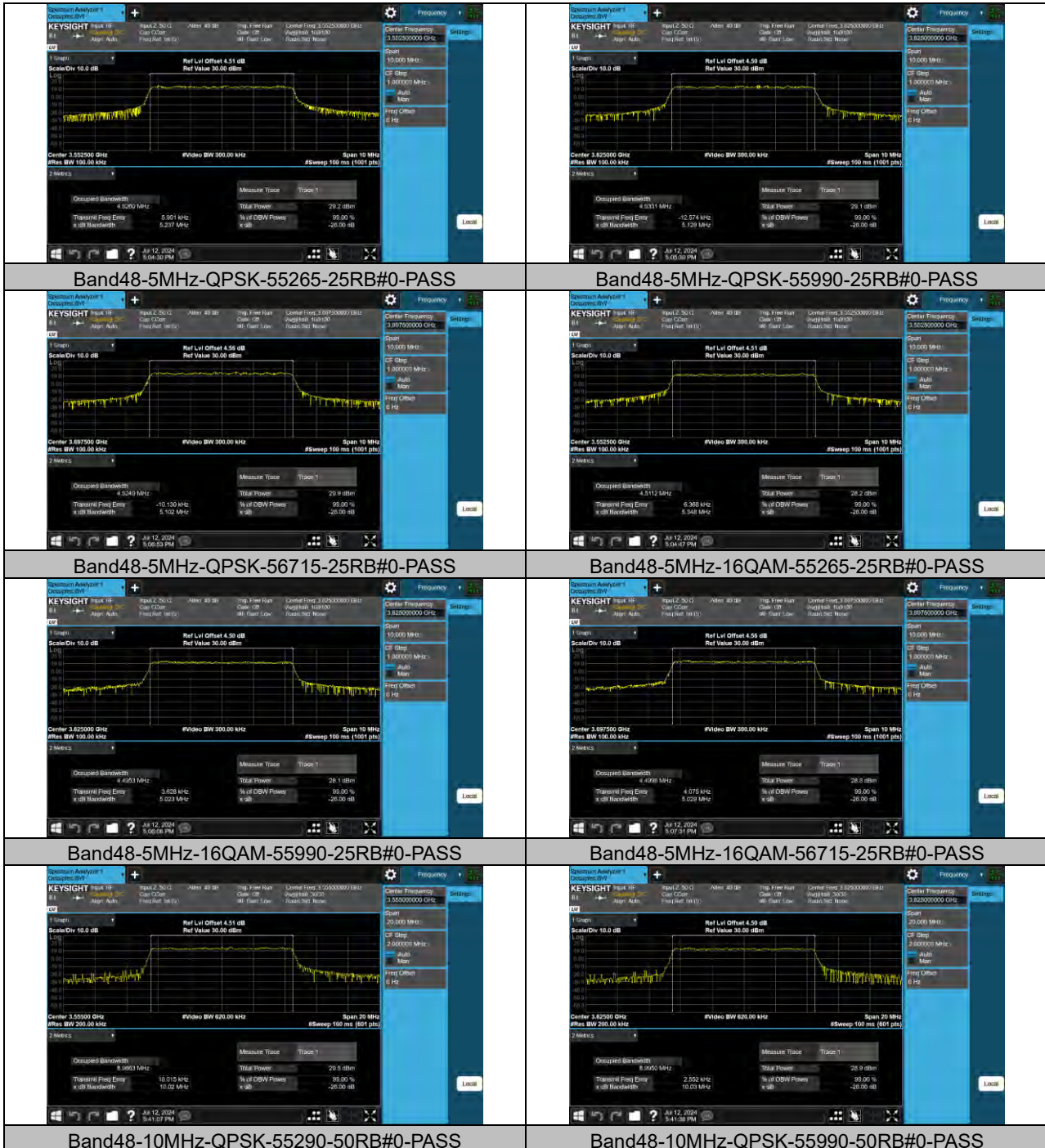
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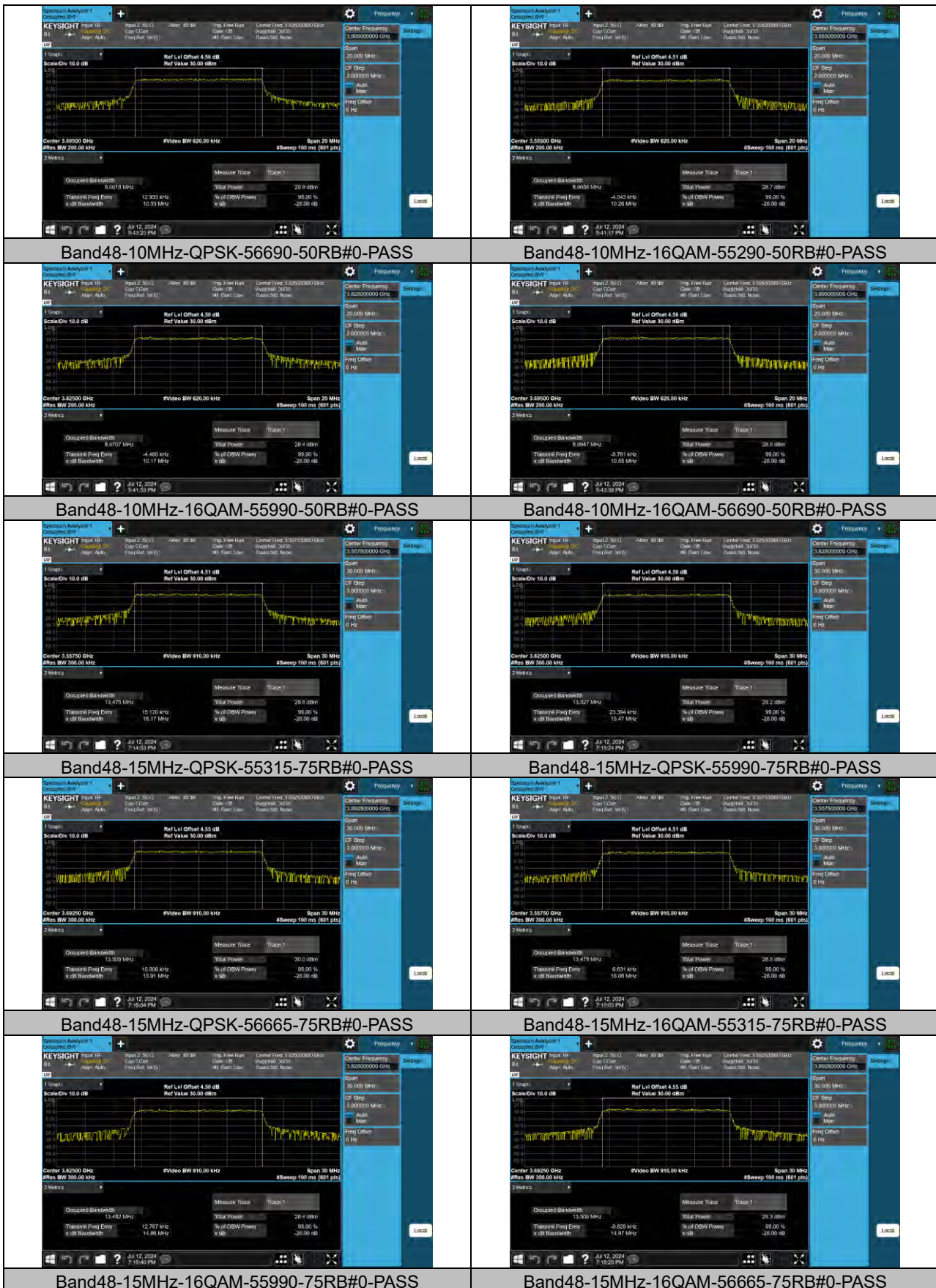


26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.5260	5.237	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.5331	5.129	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.5249	5.102	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.5112	5.348	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.4953	5.023	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.4996	5.029	PASS
Band48	10MHz	QPSK	55290	50RB#0	8.9863	10.02	PASS
Band48	10MHz	QPSK	55990	50RB#0	8.9950	10.03	PASS
Band48	10MHz	QPSK	56690	50RB#0	9.0018	10.33	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.9656	10.26	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.9707	10.17	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.9947	10.55	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.475	16.17	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.527	15.47	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.509	15.91	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.478	15.06	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.482	14.86	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.500	14.97	PASS
Band48	20MHz	QPSK	55340	100RB#0	18.001	19.87	PASS
Band48	20MHz	QPSK	55990	100RB#0	18.008	20.19	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.977	20.00	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.930	19.66	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.974	20.01	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.944	19.88	PASS

TEST GRAPHS

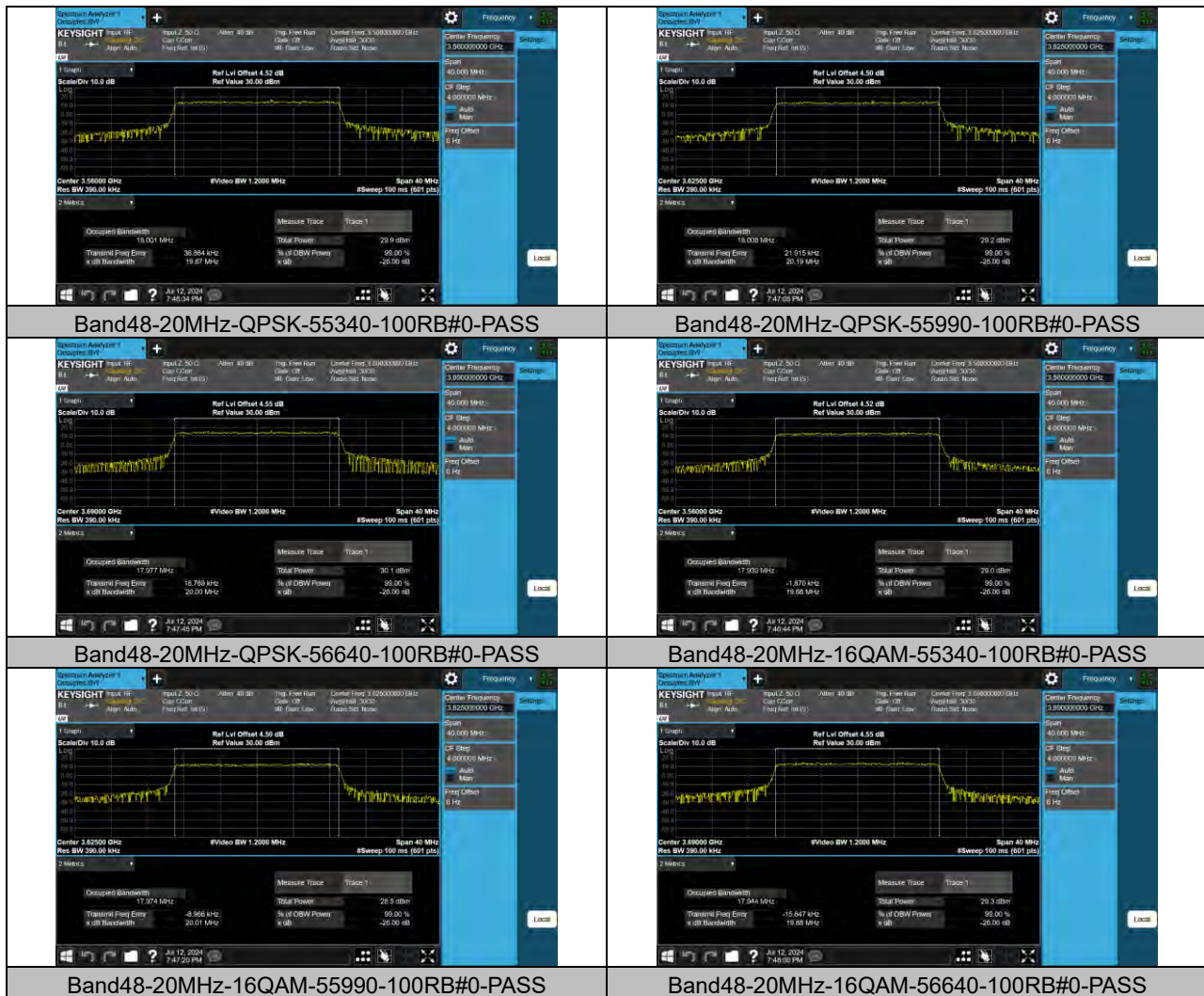






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Reference No.: W7L-P24050018RF10



BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	-24.69	PASS
Band48	5MHz	QPSK	55265	1RB#24	-52.79	PASS
Band48	5MHz	QPSK	55265	25RB#0	-36.68	PASS
Band48	5MHz	QPSK	55990	1RB#0	-24.62	PASS
Band48	5MHz	QPSK	55990	1RB#24	-52.53	PASS
Band48	5MHz	QPSK	55990	25RB#0	-52.61	PASS
Band48	5MHz	QPSK	56715	1RB#0	-23.74	PASS
Band48	5MHz	QPSK	56715	1RB#24	-51.91	PASS
Band48	5MHz	QPSK	56715	25RB#0	-52.26	PASS
Band48	5MHz	16QAM	55265	1RB#0	-52.84	PASS
Band48	5MHz	16QAM	55265	1RB#24	-52.78	PASS
Band48	5MHz	16QAM	55265	25RB#0	-36.28	PASS
Band48	5MHz	16QAM	55990	1RB#0	-52.90	PASS
Band48	5MHz	16QAM	55990	1RB#24	-52.96	PASS
Band48	5MHz	16QAM	55990	25RB#0	-52.71	PASS
Band48	5MHz	16QAM	56715	1RB#0	-52.15	PASS
Band48	5MHz	16QAM	56715	1RB#24	-51.81	PASS
Band48	5MHz	16QAM	56715	25RB#0	-52.18	PASS
Band48	10MHz	QPSK	55290	1RB#0	-53.03	PASS
Band48	10MHz	QPSK	55290	1RB#49	-52.67	PASS
Band48	10MHz	QPSK	55290	50RB#0	-45.70	PASS
Band48	10MHz	QPSK	55990	1RB#0	-52.80	PASS
Band48	10MHz	QPSK	55990	1RB#49	-52.80	PASS
Band48	10MHz	QPSK	55990	50RB#0	-52.59	PASS
Band48	10MHz	QPSK	56690	1RB#0	-52.50	PASS
Band48	10MHz	QPSK	56690	1RB#49	-51.88	PASS
Band48	10MHz	QPSK	56690	50RB#0	-46.48	PASS
Band48	10MHz	16QAM	55290	1RB#0	-52.87	PASS
Band48	10MHz	16QAM	55290	1RB#49	-52.63	PASS
Band48	10MHz	16QAM	55290	50RB#0	-46.96	PASS
Band48	10MHz	16QAM	55990	1RB#0	-52.93	PASS
Band48	10MHz	16QAM	55990	1RB#49	-52.38	PASS
Band48	10MHz	16QAM	55990	50RB#0	-52.84	PASS
Band48	10MHz	16QAM	56690	1RB#0	-52.21	PASS
Band48	10MHz	16QAM	56690	1RB#49	-52.01	PASS
Band48	10MHz	16QAM	56690	50RB#0	-47.87	PASS
Band48	15MHz	QPSK	55315	1RB#0	-52.88	PASS
Band48	15MHz	QPSK	55315	1RB#74	-52.81	PASS
Band48	15MHz	QPSK	55315	75RB#0	-41.25	PASS
Band48	15MHz	QPSK	55990	1RB#0	-52.62	PASS
Band48	15MHz	QPSK	55990	1RB#74	-52.65	PASS
Band48	15MHz	QPSK	55990	75RB#0	-52.49	PASS
Band48	15MHz	QPSK	56665	1RB#0	-52.30	PASS
Band48	15MHz	QPSK	56665	1RB#74	-52.06	PASS

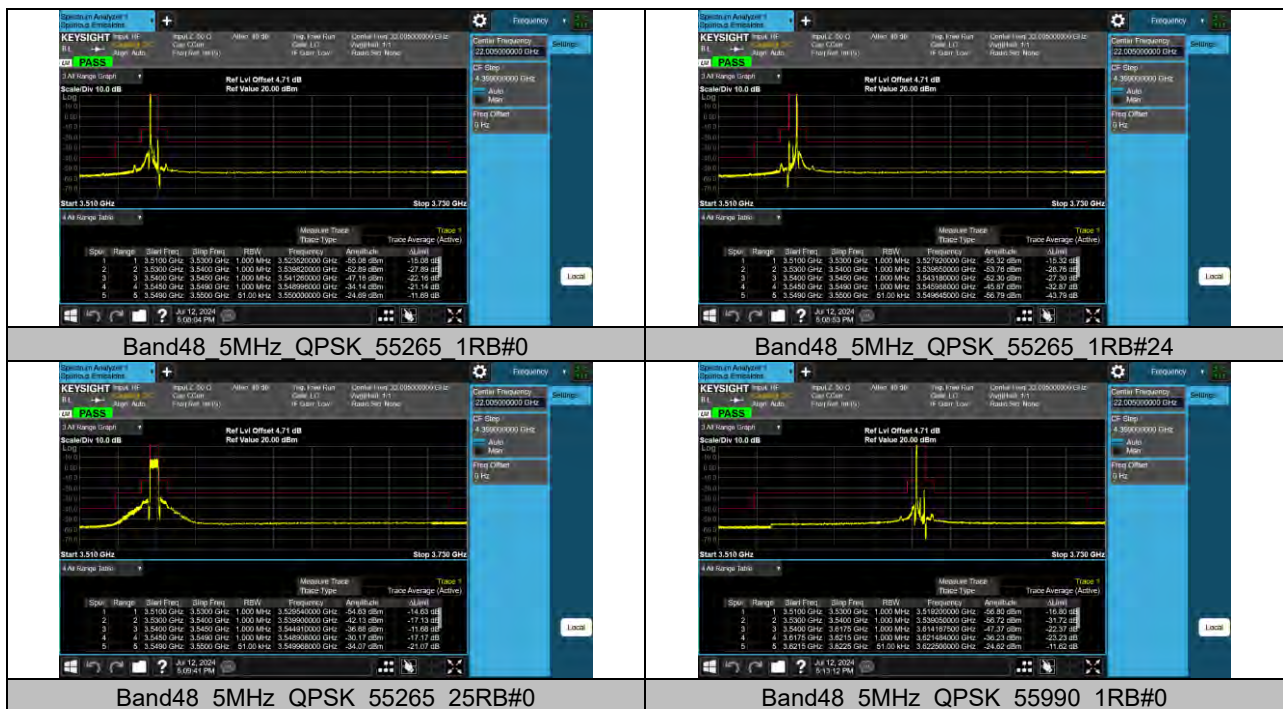


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Reference No.: W7L-P24050018RF10

Band48	15MHz	QPSK	56665	75RB#0	-42.54	PASS
Band48	15MHz	16QAM	55315	1RB#0	-52.56	PASS
Band48	15MHz	16QAM	55315	1RB#74	-52.92	PASS
Band48	15MHz	16QAM	55315	75RB#0	-41.54	PASS
Band48	15MHz	16QAM	55990	1RB#0	-52.79	PASS
Band48	15MHz	16QAM	55990	1RB#74	-52.69	PASS
Band48	15MHz	16QAM	55990	75RB#0	-52.74	PASS
Band48	15MHz	16QAM	56665	1RB#0	-52.64	PASS
Band48	15MHz	16QAM	56665	1RB#74	-52.19	PASS
Band48	15MHz	16QAM	56665	75RB#0	-42.91	PASS
Band48	20MHz	QPSK	55340	1RB#0	-52.63	PASS
Band48	20MHz	QPSK	55340	1RB#99	-52.74	PASS
Band48	20MHz	QPSK	55340	100RB#0	-43.98	PASS
Band48	20MHz	QPSK	55990	1RB#0	-52.72	PASS
Band48	20MHz	QPSK	55990	1RB#99	-52.83	PASS
Band48	20MHz	QPSK	55990	100RB#0	-52.69	PASS
Band48	20MHz	QPSK	56640	1RB#0	-52.36	PASS
Band48	20MHz	QPSK	56640	1RB#99	-51.94	PASS
Band48	20MHz	QPSK	56640	100RB#0	-44.90	PASS
Band48	20MHz	16QAM	55340	1RB#0	-52.71	PASS
Band48	20MHz	16QAM	55340	1RB#99	-52.80	PASS
Band48	20MHz	16QAM	55340	100RB#0	-43.18	PASS
Band48	20MHz	16QAM	55990	1RB#0	-52.76	PASS
Band48	20MHz	16QAM	55990	1RB#99	-52.60	PASS
Band48	20MHz	16QAM	55990	100RB#0	-52.69	PASS
Band48	20MHz	16QAM	56640	1RB#0	-52.55	PASS
Band48	20MHz	16QAM	56640	1RB#99	-52.14	PASS
Band48	20MHz	16QAM	56640	100RB#0	-44.77	PASS

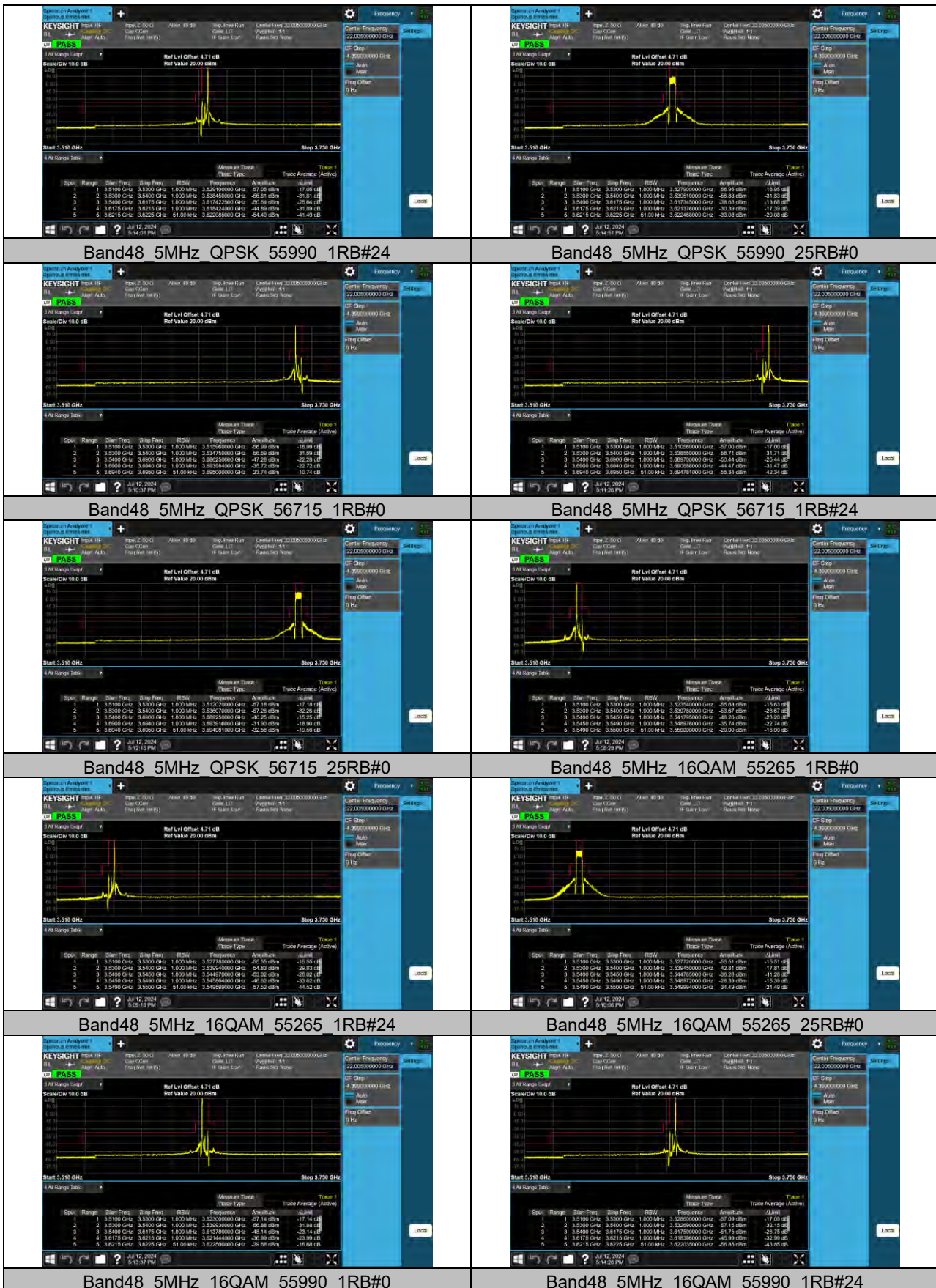
TEST GRAPHS





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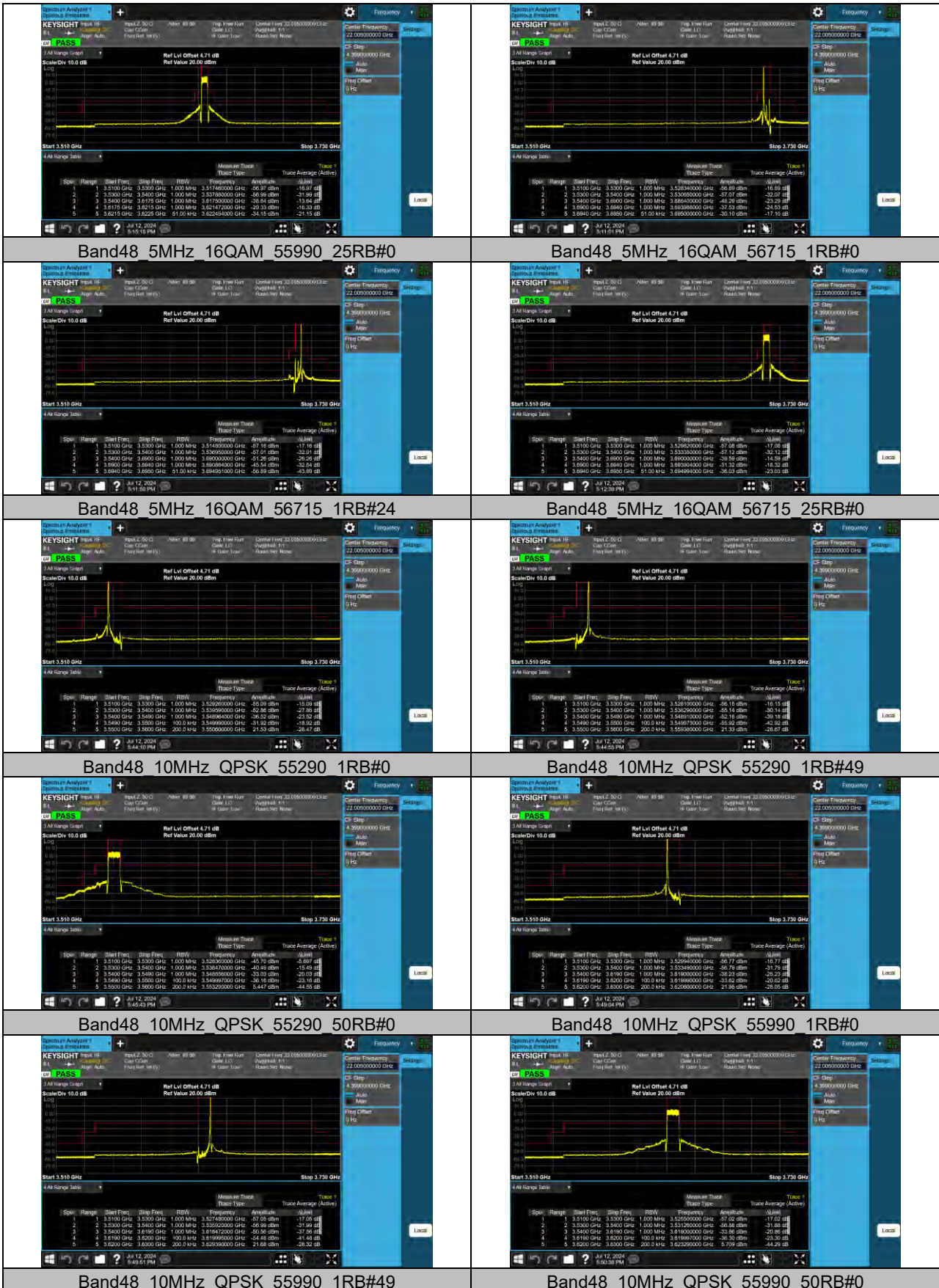
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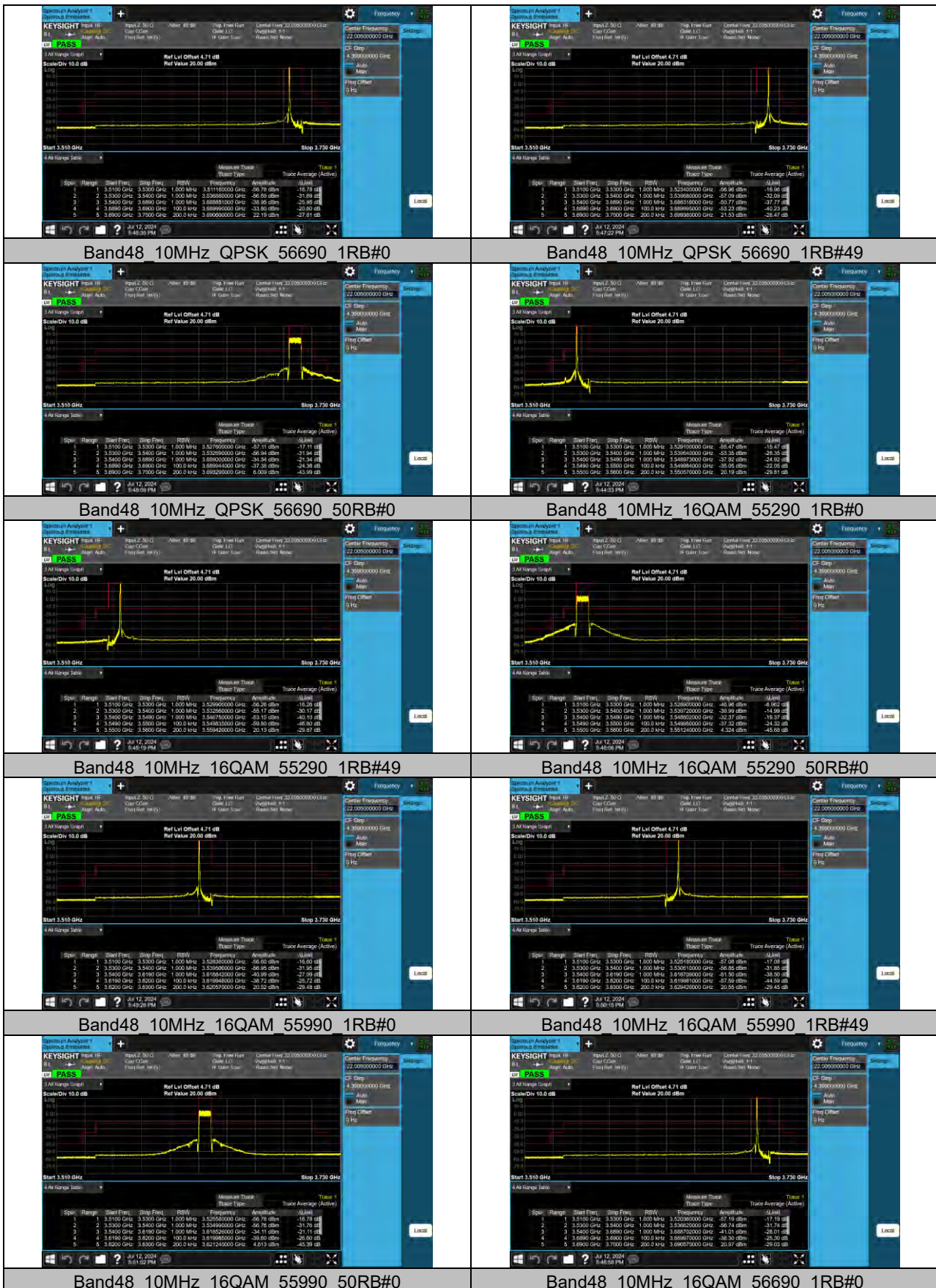




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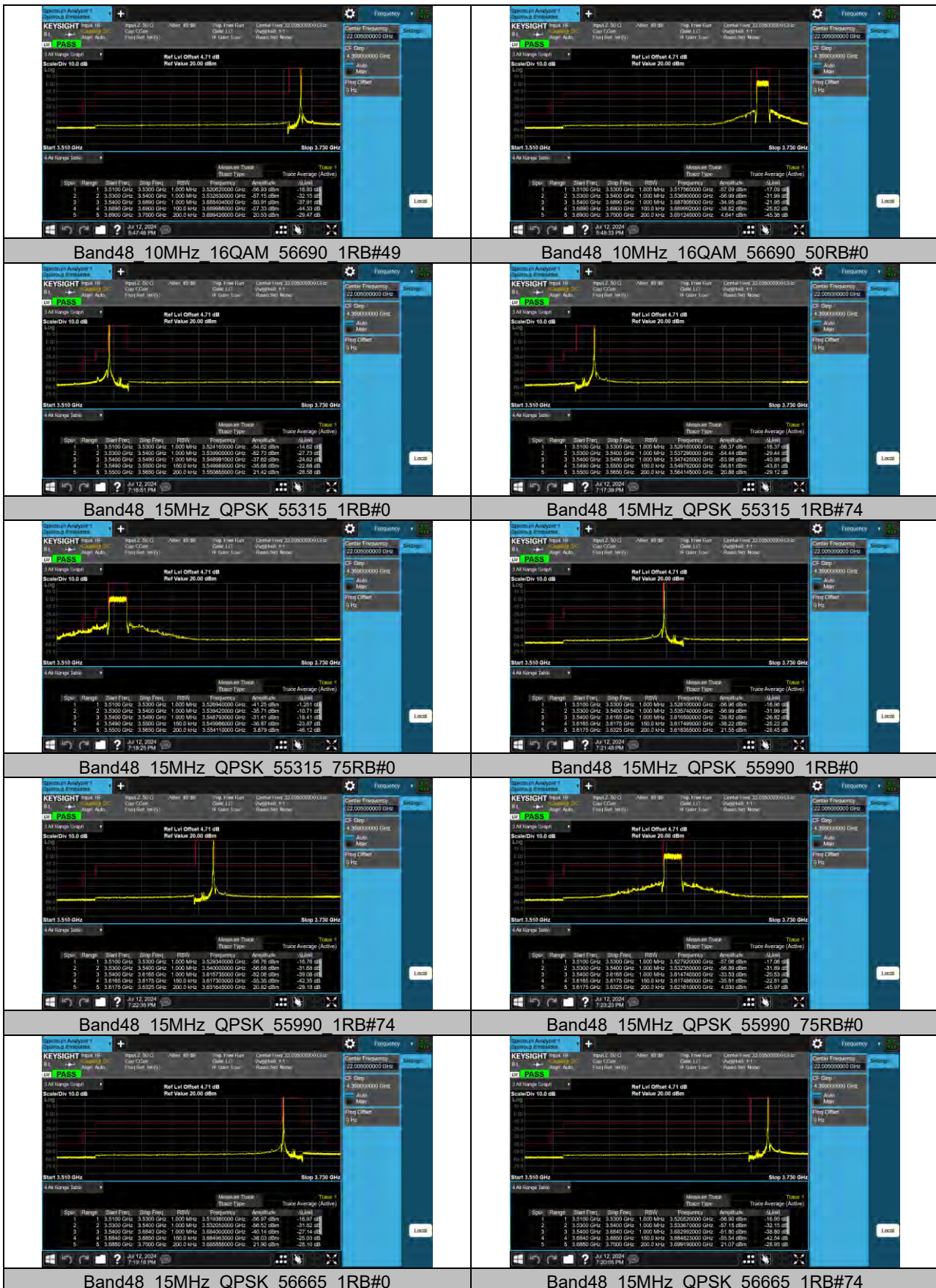






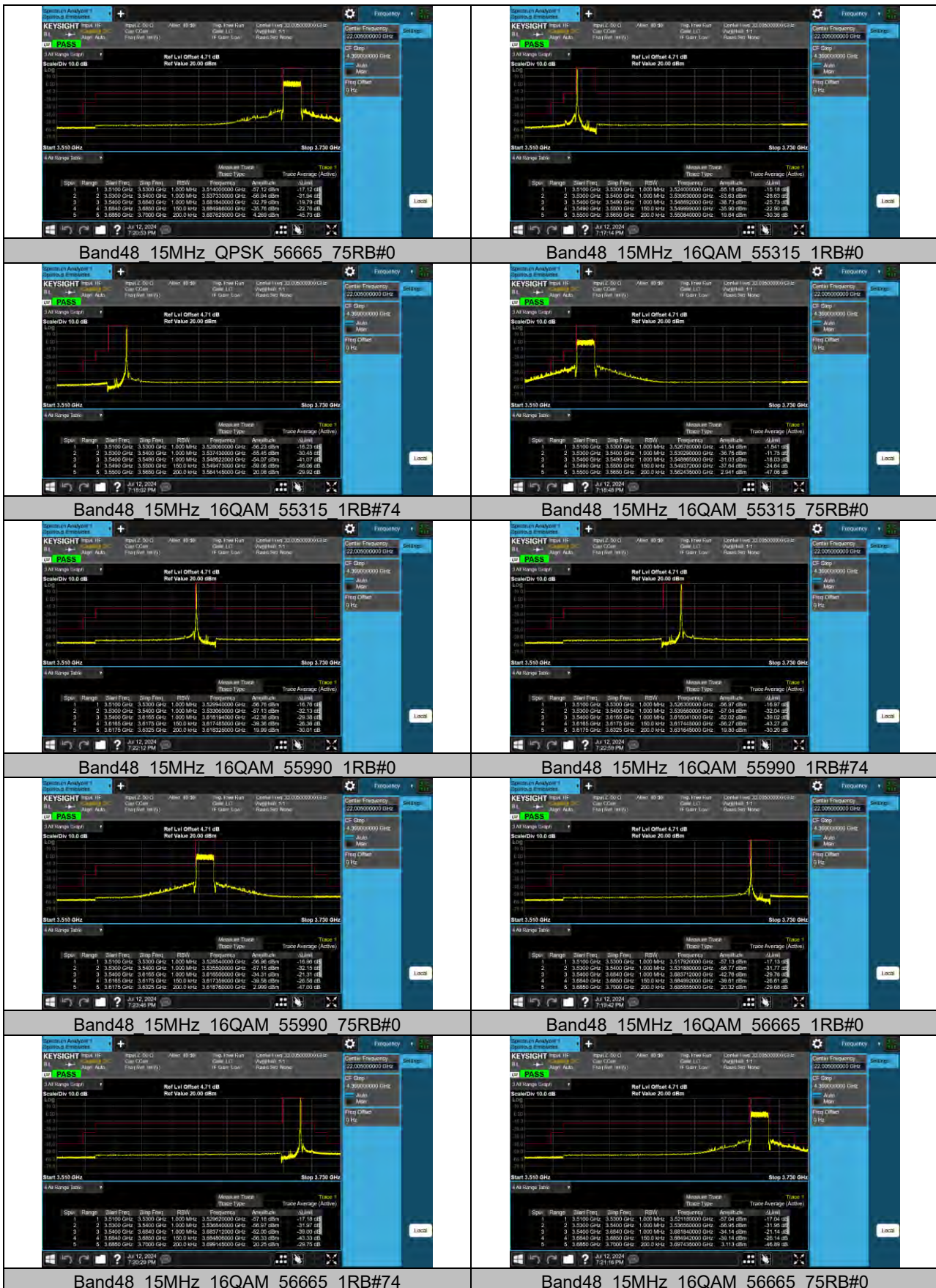
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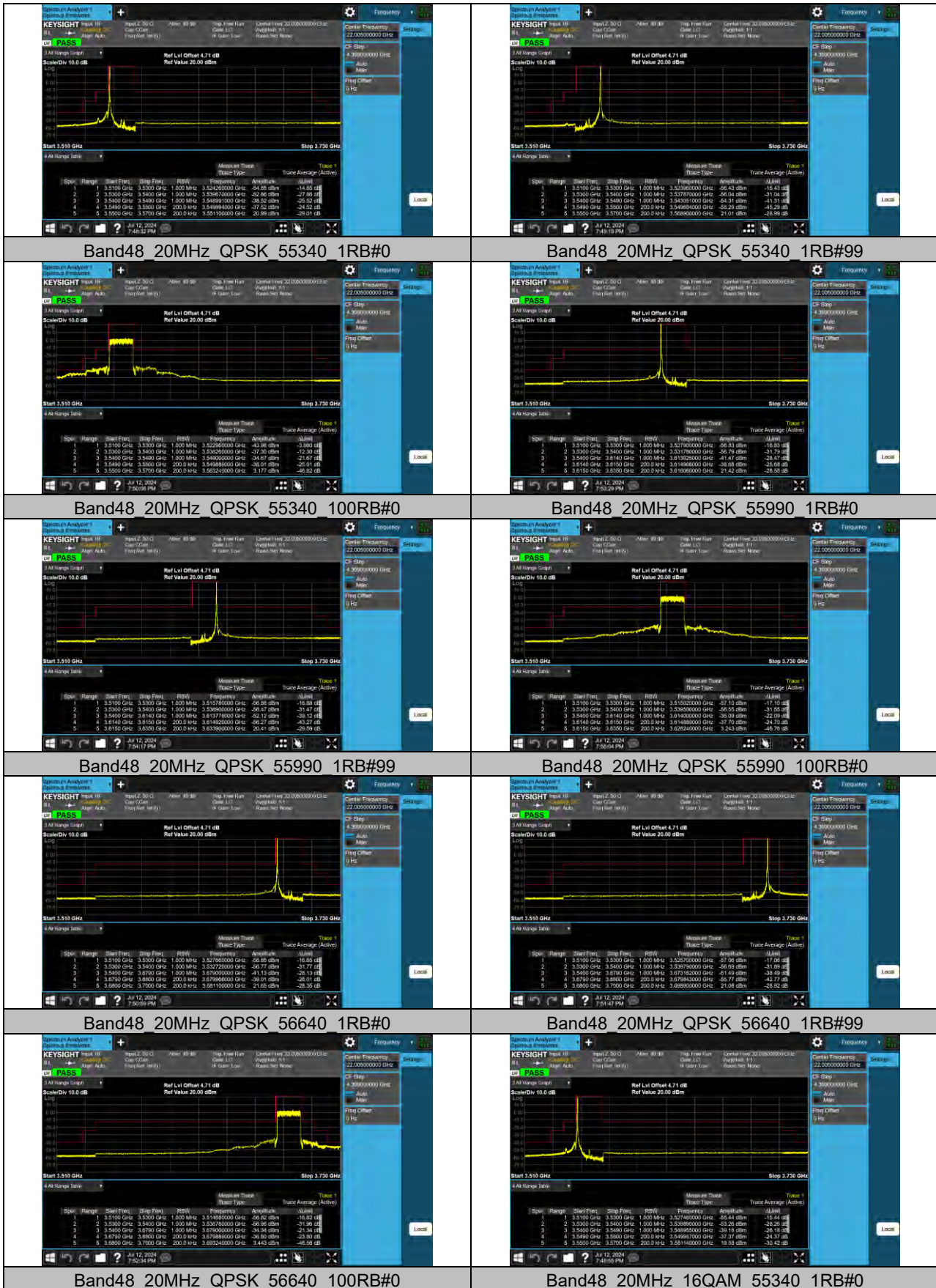
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Reference No.: W7L-P24050018RF10





Reference No.: W7L-P24050018RF10

CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	30~1000	-56.24	PASS
Band48	5MHz	QPSK	55265	1RB#0	1000~10000	-45.92	PASS
Band48	5MHz	QPSK	55265	1RB#0	10000~20000	-54.95	PASS
Band48	5MHz	QPSK	55265	1RB#0	20000~40000	-58.20	PASS
Band48	5MHz	QPSK	55990	1RB#0	30~1000	-57.42	PASS
Band48	5MHz	QPSK	55990	1RB#0	1000~10000	-46.74	PASS
Band48	5MHz	QPSK	55990	1RB#0	10000~20000	-54.94	PASS
Band48	5MHz	QPSK	55990	1RB#0	20000~40000	-58.14	PASS
Band48	5MHz	QPSK	56715	1RB#0	30~1000	-57.08	PASS
Band48	5MHz	QPSK	56715	1RB#0	1000~10000	-46.11	PASS
Band48	5MHz	QPSK	56715	1RB#0	10000~20000	-54.79	PASS
Band48	5MHz	QPSK	56715	1RB#0	20000~40000	-58.01	PASS
Band48	10MHz	QPSK	55290	1RB#0	30~1000	-56.77	PASS
Band48	10MHz	QPSK	55290	1RB#0	1000~10000	-47.01	PASS
Band48	10MHz	QPSK	55290	1RB#0	10000~20000	-54.79	PASS
Band48	10MHz	QPSK	55290	1RB#0	20000~40000	-58.34	PASS
Band48	10MHz	QPSK	55990	1RB#0	30~1000	-57.50	PASS
Band48	10MHz	QPSK	55990	1RB#0	1000~10000	-46.10	PASS
Band48	10MHz	QPSK	55990	1RB#0	10000~20000	-54.51	PASS
Band48	10MHz	QPSK	55990	1RB#0	20000~40000	-58.42	PASS
Band48	10MHz	QPSK	56690	1RB#0	30~1000	-57.51	PASS
Band48	10MHz	QPSK	56690	1RB#0	1000~10000	-47.15	PASS
Band48	10MHz	QPSK	56690	1RB#0	10000~20000	-54.84	PASS
Band48	10MHz	QPSK	56690	1RB#0	20000~40000	-57.70	PASS
Band48	15MHz	QPSK	55315	1RB#0	30~1000	-56.00	PASS
Band48	15MHz	QPSK	55315	1RB#0	1000~10000	-47.10	PASS
Band48	15MHz	QPSK	55315	1RB#0	10000~20000	-54.67	PASS
Band48	15MHz	QPSK	55315	1RB#0	20000~40000	-58.40	PASS
Band48	15MHz	QPSK	55990	1RB#0	30~1000	-57.49	PASS
Band48	15MHz	QPSK	55990	1RB#0	1000~10000	-47.13	PASS
Band48	15MHz	QPSK	55990	1RB#0	10000~20000	-54.77	PASS
Band48	15MHz	QPSK	55990	1RB#0	20000~40000	-57.68	PASS
Band48	15MHz	QPSK	56665	1RB#0	30~1000	-57.54	PASS
Band48	15MHz	QPSK	56665	1RB#0	1000~10000	-46.95	PASS
Band48	15MHz	QPSK	56665	1RB#0	10000~20000	-54.83	PASS
Band48	15MHz	QPSK	56665	1RB#0	20000~40000	-57.80	PASS
Band48	20MHz	QPSK	55340	1RB#0	30~1000	-56.70	PASS
Band48	20MHz	QPSK	55340	1RB#0	1000~10000	-47.14	PASS
Band48	20MHz	QPSK	55340	1RB#0	10000~20000	-55.02	PASS
Band48	20MHz	QPSK	55340	1RB#0	20000~40000	-58.70	PASS
Band48	20MHz	QPSK	55990	1RB#0	30~1000	-57.66	PASS
Band48	20MHz	QPSK	55990	1RB#0	1000~10000	-47.06	PASS
Band48	20MHz	QPSK	55990	1RB#0	10000~20000	-55.28	PASS

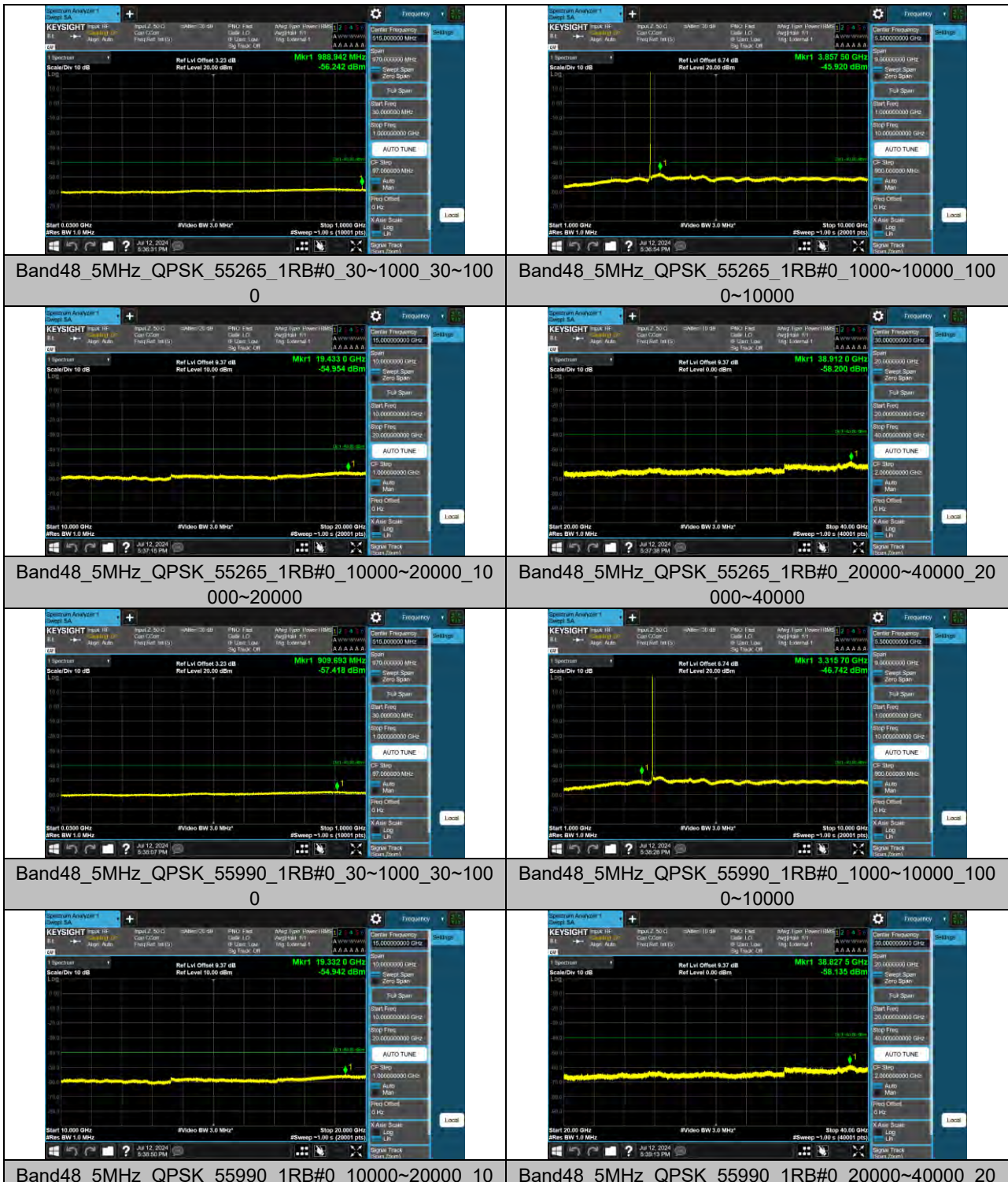


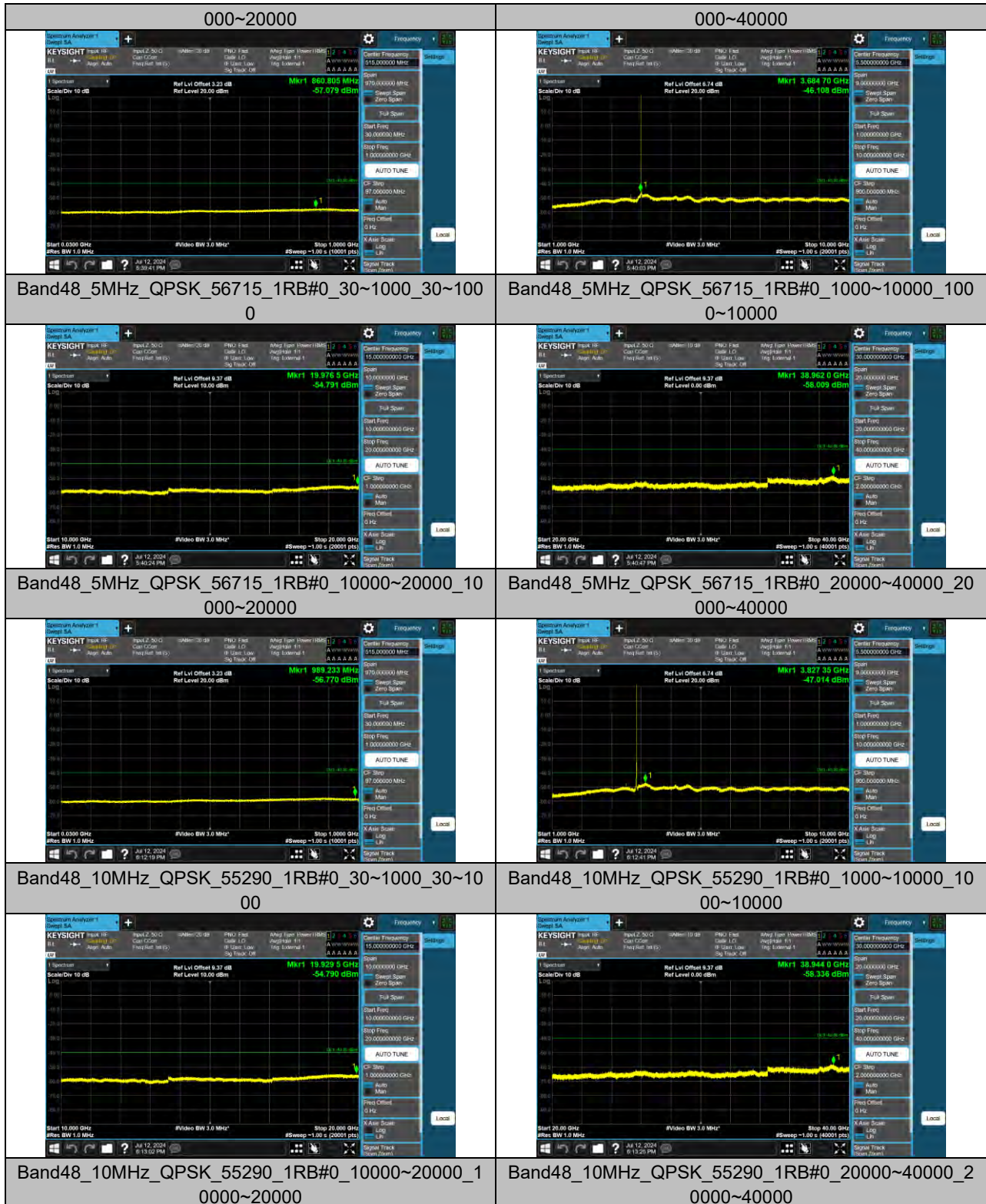
**BUREAU
VERITAS**

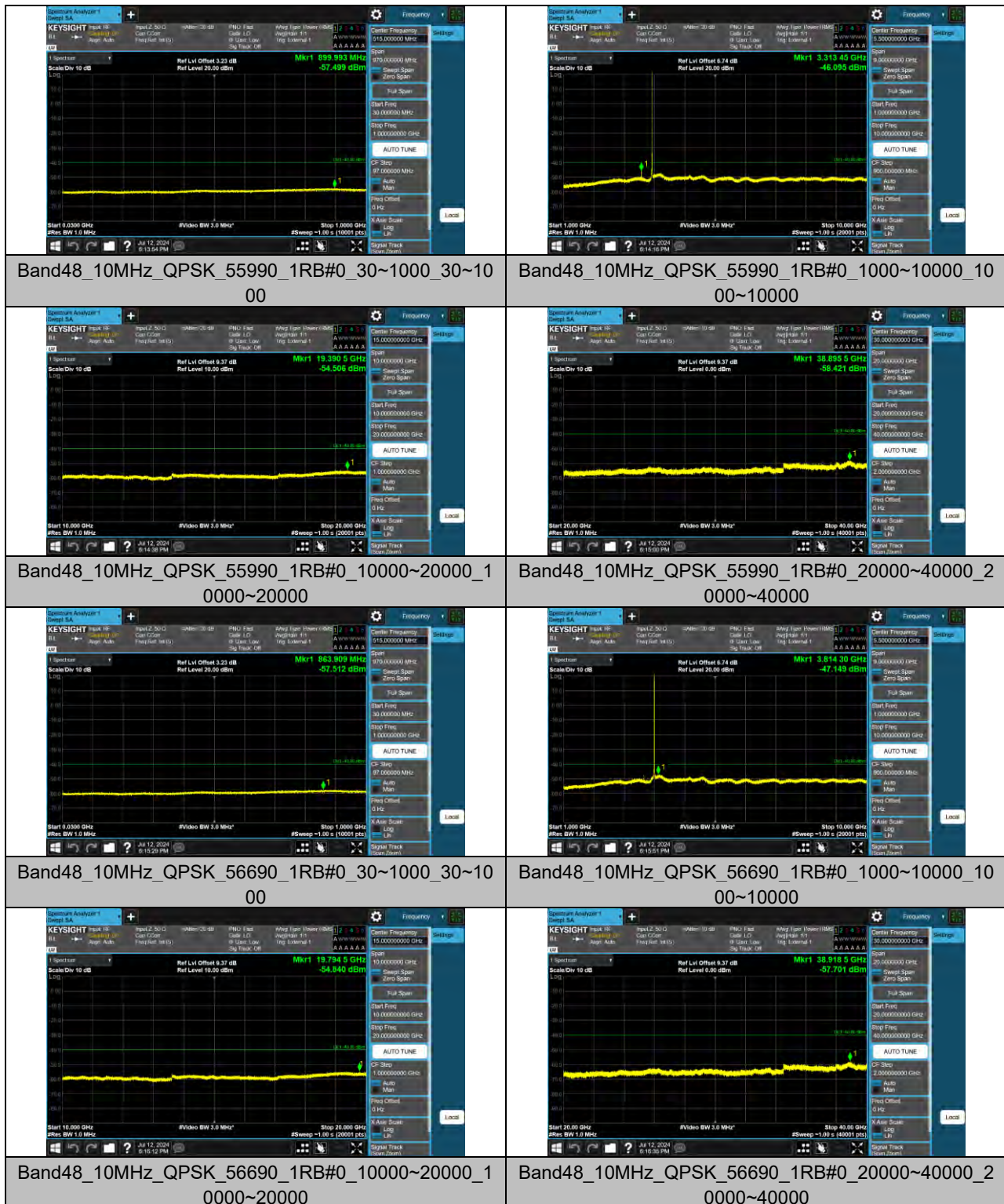
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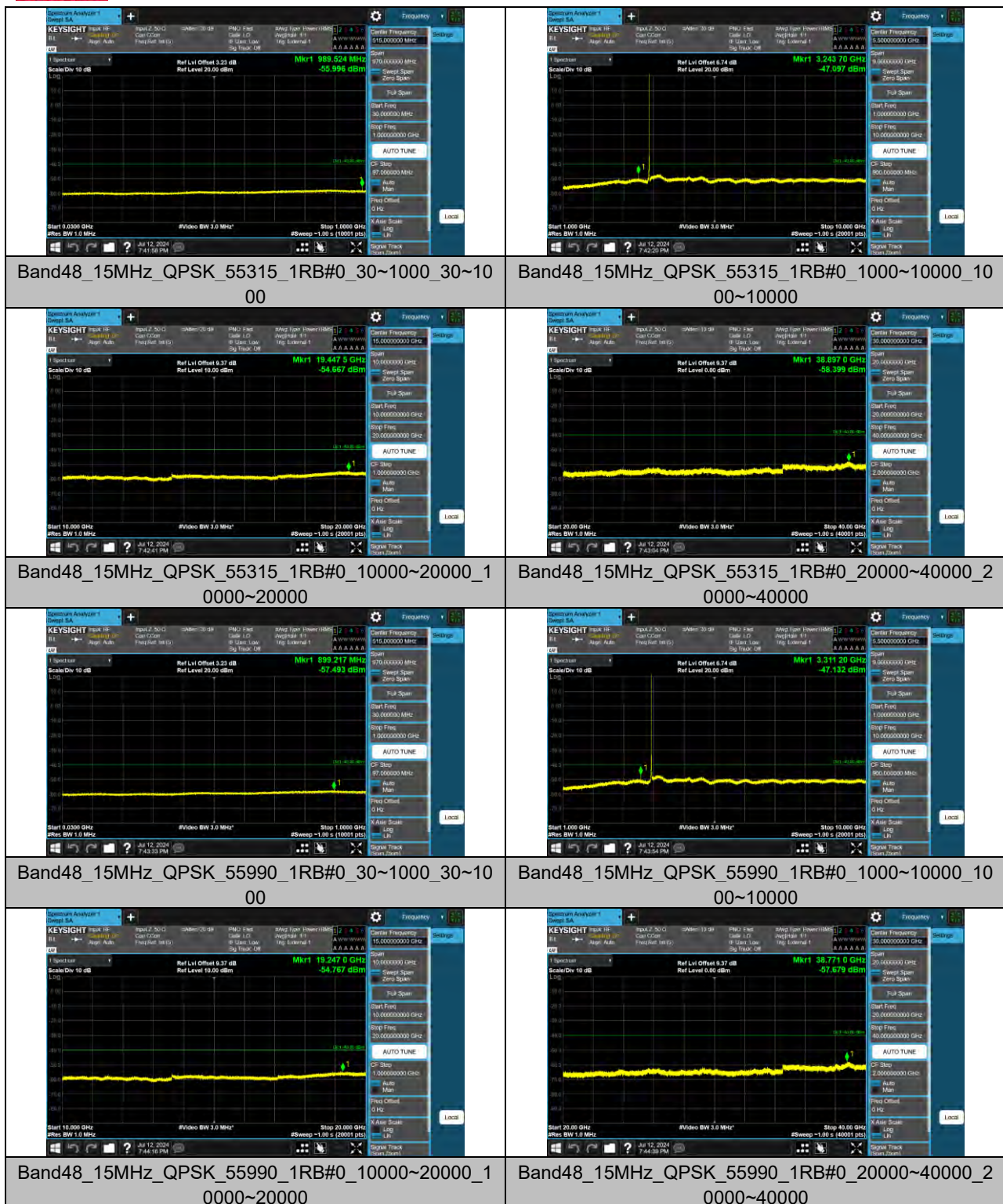
Band48	20MHz	QPSK	55990	1RB#0	20000~40000	-58.69	PASS
Band48	20MHz	QPSK	56640	1RB#0	30~1000	-57.55	PASS
Band48	20MHz	QPSK	56640	1RB#0	1000~10000	-47.72	PASS
Band48	20MHz	QPSK	56640	1RB#0	10000~20000	-55.21	PASS
Band48	20MHz	QPSK	56640	1RB#0	20000~40000	-58.03	PASS

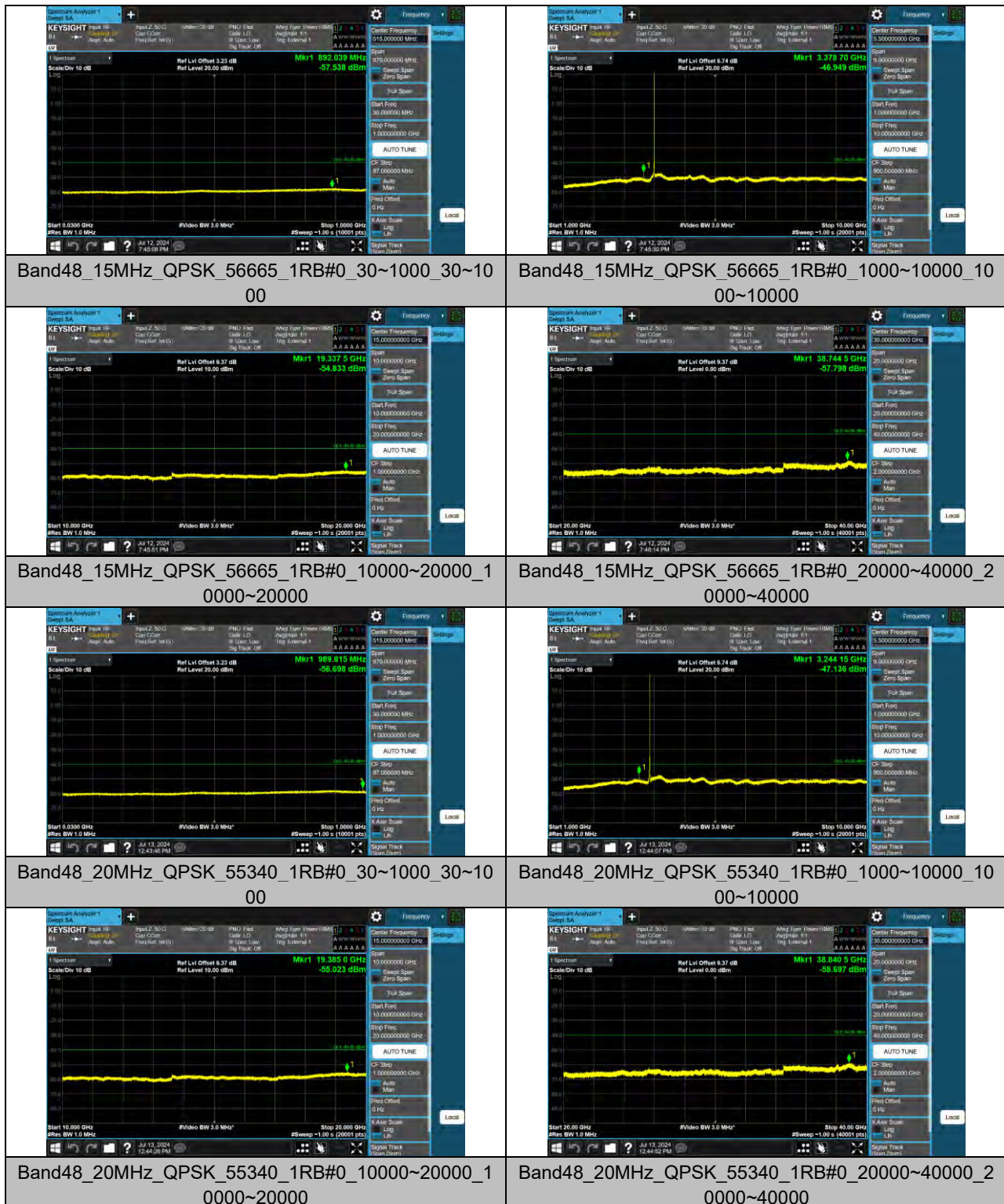
TEST GRAPHS

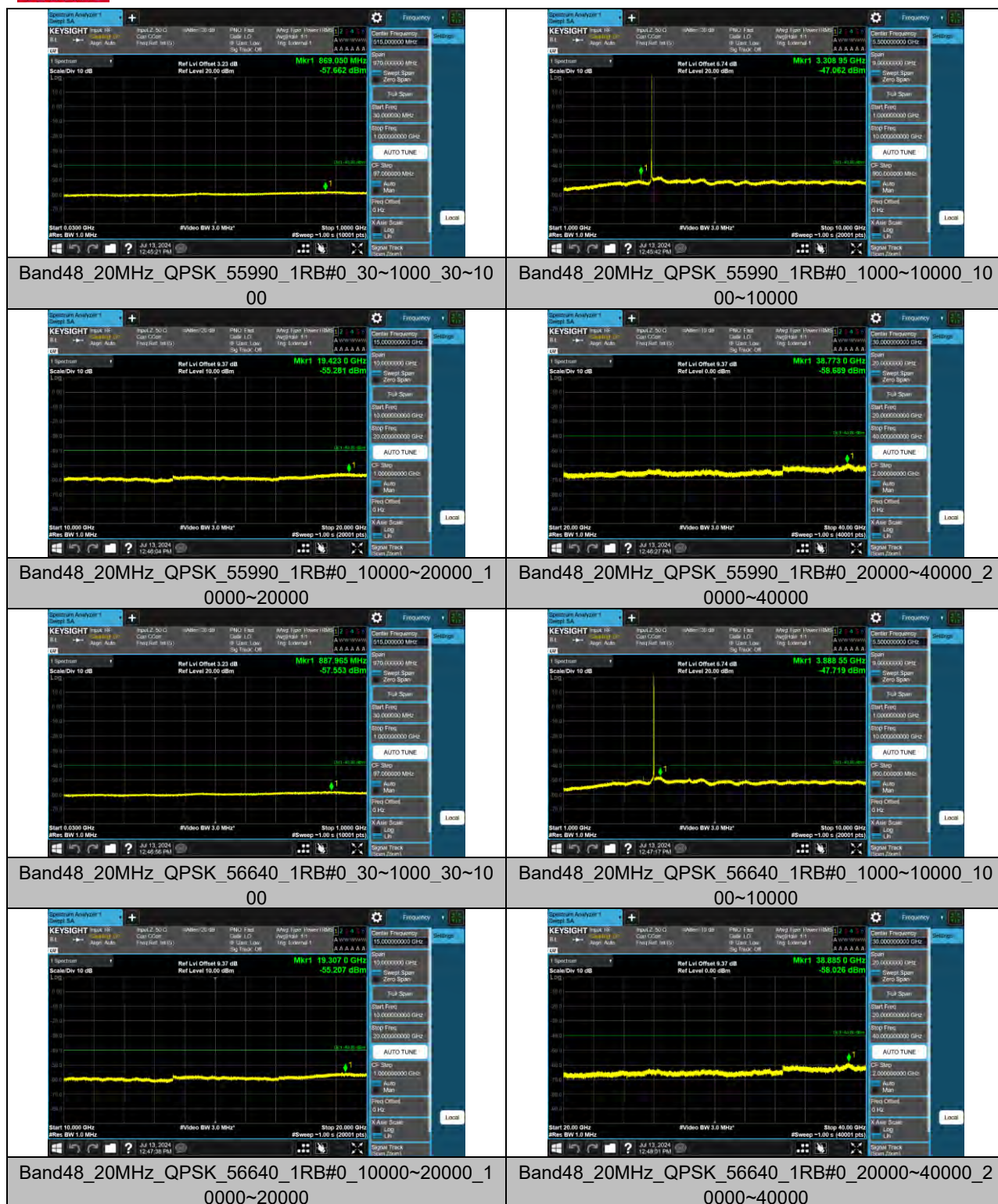












FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band48	10MHz	QPSK	55290	50RB#0	VN	NT	1470.00	0.413502	3550.53332	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	VL	NT	1320.00	0.371308	3550.53302	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	VH	NT	1280.00	0.360056	3550.53298	---	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	VN	NT	-600.00	-0.162382	---	3699.46835	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	VL	NT	-420.00	-0.113667	---	3699.46843	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	VH	NT	-440.00	-0.119080	---	3699.46836	3550-3700	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band48	10MHz	QPSK	55290	50RB#0	NV	-30	1320.00	0.371308	3550.53302	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-20	1280.00	0.360056	3550.53303	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-10	1320.00	0.371308	3550.53307	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	0	1250.00	0.351617	3550.533	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	10	1230.00	0.345992	3550.53293	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	20	1300.00	0.365682	3550.5331	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	30	1320.00	0.371308	3550.53297	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	40	1310.00	0.368495	3550.53296	---	3550-3700	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	50	1230.00	0.345992	3550.53293	---	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-30	-440.00	-0.119080	---	3699.46826	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-20	-490.00	-0.132612	---	3699.46826	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-10	-450.00	-0.121786	---	3699.4683	3550-3700	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	0	-360.00	-0.097	---	3699.	3550-	PASS



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8	z			#0			0	429		46799	3700	
Band4 8	10MH z	QPSK	56690	50RB #0	NV	10	-700.0 0	-0.189 445	---	3699. 4684	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	20	-500.0 0	-0.135 318	---	3699. 46815	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	30	-520.0 0	-0.140 731	---	3699. 46818	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	40	-740.0 0	-0.200 271	---	3699. 46776	3550- 3700	PASS
Band4 8	10MH z	QPSK	56690	50RB #0	NV	50	-390.0 0	-0.105 548	---	3699. 46791	3550- 3700	PASS



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FCC 48C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

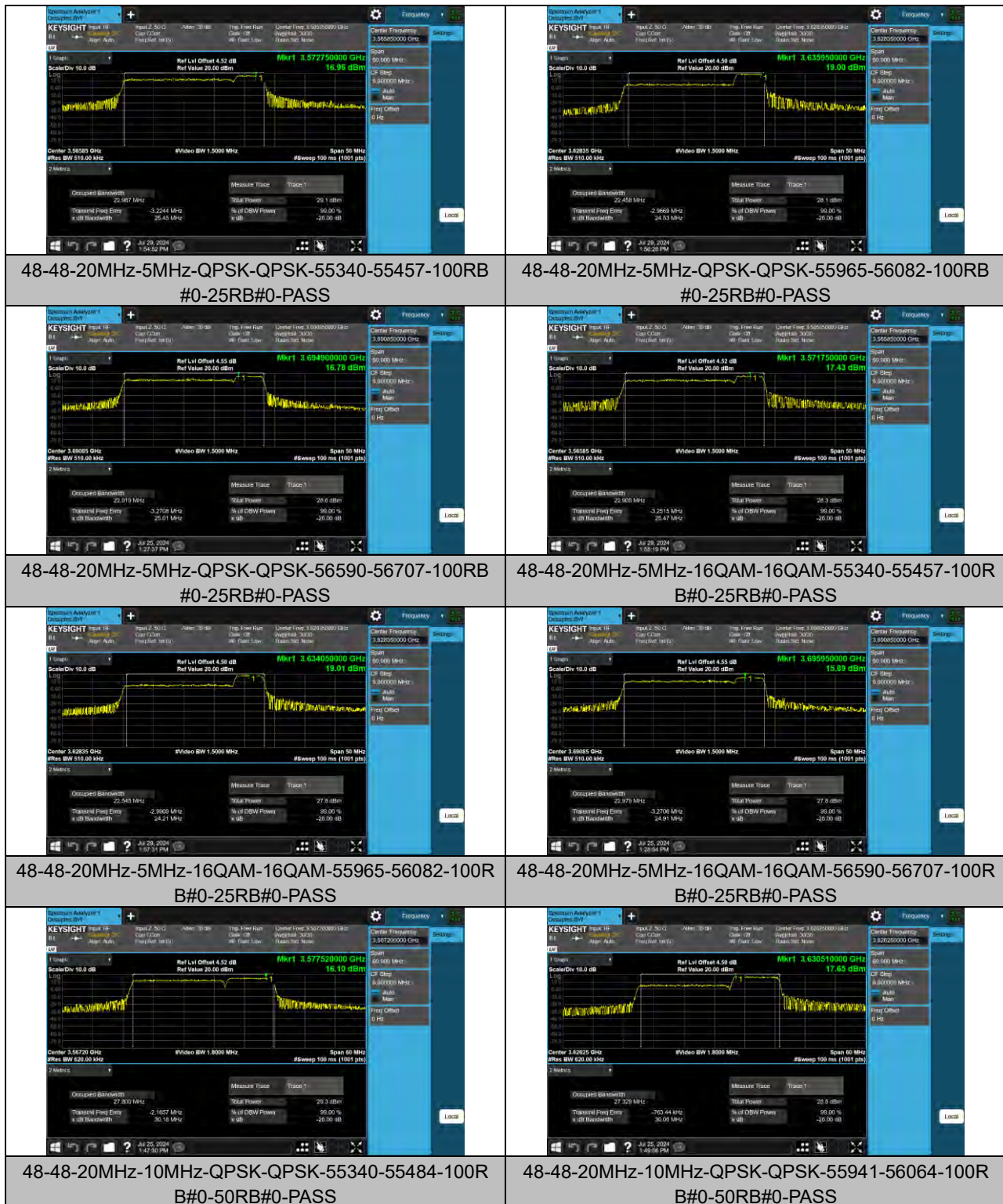
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	22.987	25.45	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	22.458	24.53	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	22.919	25.01	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	22.905	25.47	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	22.545	24.21	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	22.979	24.91	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	27.800	30.18	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56064	100RB#0-50RB#0	27.329	30.06	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	27.861	30.44	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	27.751	29.87	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56064	100RB#0-50RB#0	27.314	29.64	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	27.840	30.06	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	32.716	34.84	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	32.176	34.64	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	32.697	35.23	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	32.745	37.71	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	32.300	34.24	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	32.765	36.37	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.952	24.91	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	22.961	24.50	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.952	24.96	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	22.959	24.83	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	22.921	25.46	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	22.916	25.42	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	27.829	30.75	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	27.520	30.10	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	27.837	31.53	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	27.875	30.43	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	27.569	29.92	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	27.834	30.46	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	32.755	36.44	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	32.297	34.39	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	32.717	37.17	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	32.718	36.30	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	32.418	35.77	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	32.723	37.68	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	37.624	43.70	PASS



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48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	37.152	40.70	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	37.744	43.38	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	37.617	41.05	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	37.261	39.81	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	37.767	42.68	PASS

TEST GRAPHS





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48-48-20MHz-10MHz-QPSK-QPSK-56541-56685-100R
B#0-50RB#0-PASS



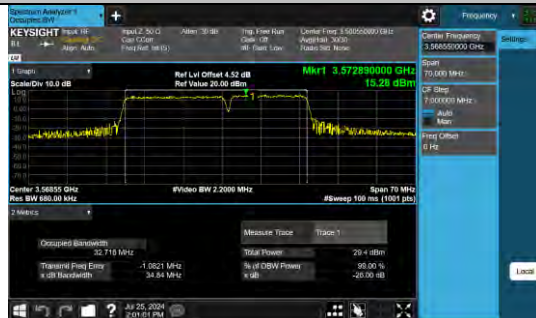
48-48-20MHz-10MHz-16QAM-16QAM-55340-55484-100
RB#0-50RB#0-PASS



48-48-20MHz-10MHz-16QAM-16QAM-55941-56064-100
RB#0-50RB#0-PASS



48-48-20MHz-10MHz-16QAM-16QAM-56541-56685-100
RB#0-50RB#0-PASS



48-48-20MHz-15MHz-QPSK-QPSK-55340-55511-100RB
#0-75RB#0-PASS



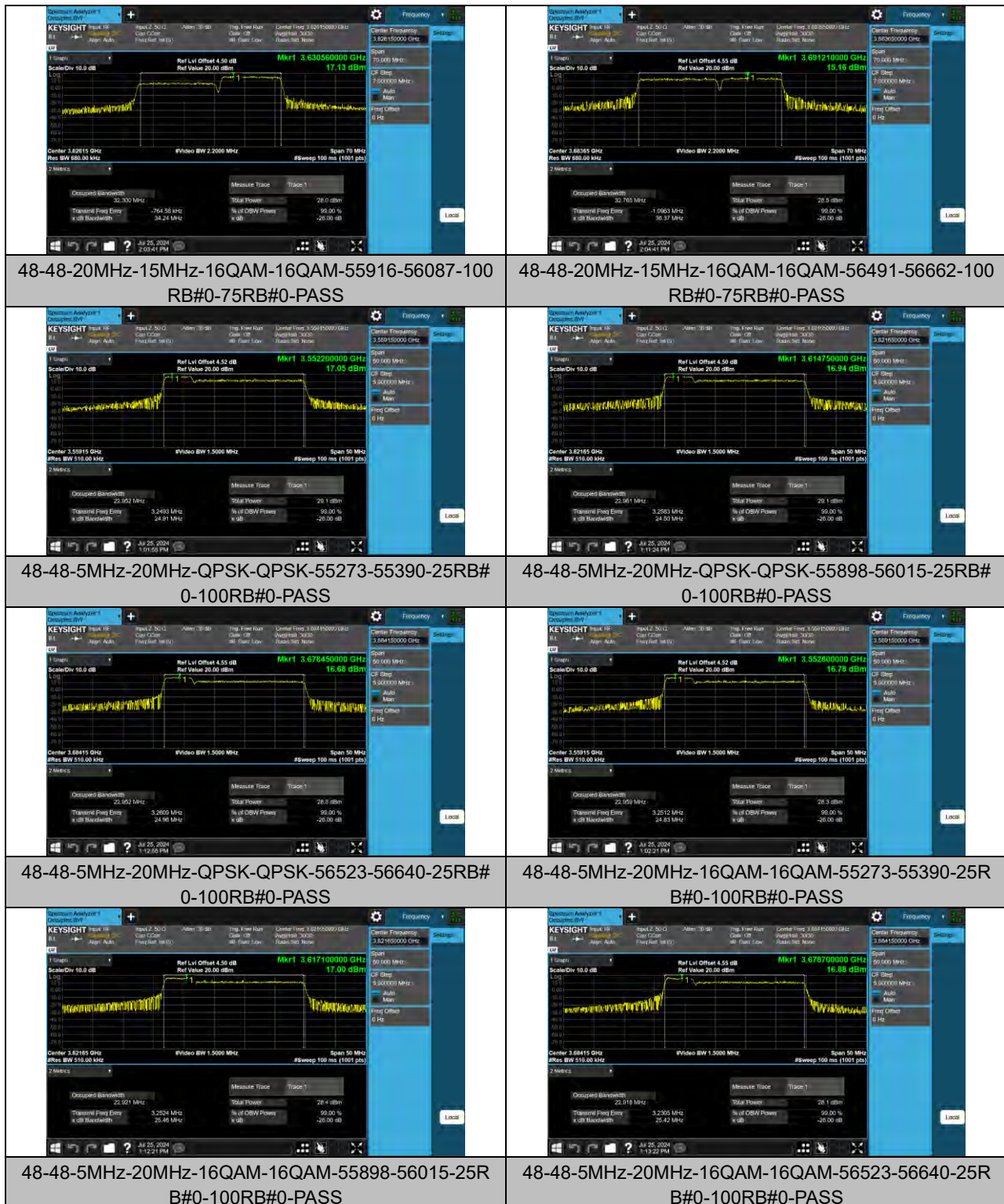
48-48-20MHz-15MHz-QPSK-QPSK-55916-56087-100R
B#0-75RB#0-PASS



48-48-20MHz-15MHz-QPSK-QPSK-56491-56662-100R
B#0-75RB#0-PASS



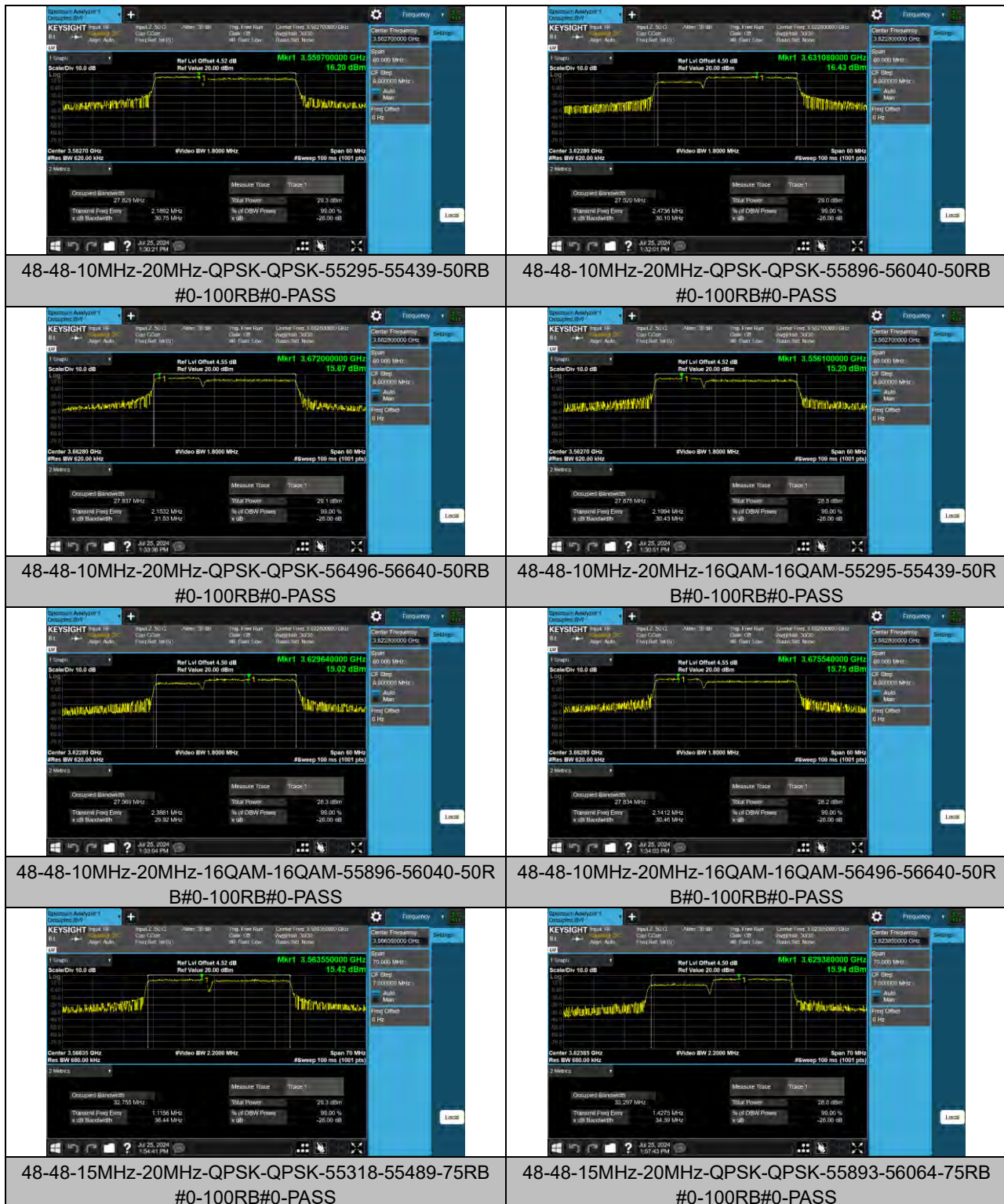
48-48-20MHz-15MHz-16QAM-16QAM-55340-55511-100
RB#0-75RB#0-PASS

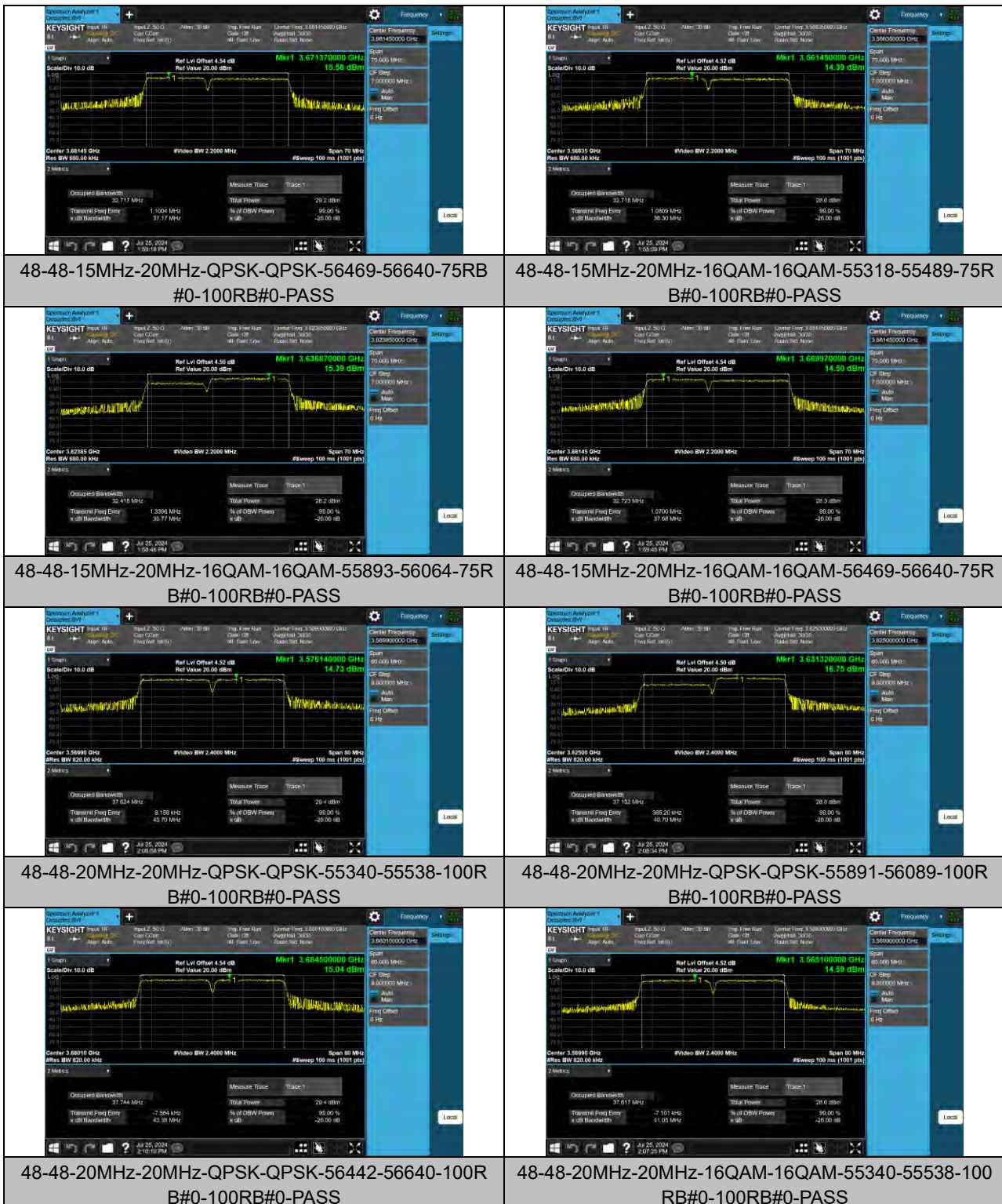




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48-48-20MHz-20MHz-16QAM-16QAM-55891-56089-100
RB#0-100RB#0-PASS



48-48-20MHz-20MHz-16QAM-16QAM-56442-56640-100
RB#0-100RB#0-PASS

BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	1RB#99@100RB#0-1RB#0@100RB#0	-41.63	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	100RB#0@100RB#0-100RB#0@100RB#0	-39.88	SeeBelow
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	100RB#0@100RB#0-100RB#0@100RB#0	-41.25	PASS_Final1
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	7.17	SeeBelow
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-31.59	FAIL_Final1
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-43.71	PASS_Final2
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-41.03	PASS_Final3
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55891-56089	1RB#99@100RB#0-1RB#0@100RB#0	-46.39	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55891-56089	100RB#0@100RB#0-100RB#0@100RB#0	-45.06	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	55891-56089	1RB#0@100RB#0-1RB#99@100RB#0	-43.05	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	56442-56640	1RB#99@100RB#0-1RB#0@100RB#0	-41.74	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	56442-56640	100RB#0@100RB#0-100RB#0@100RB#0	-39.86	FAIL_Final1
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	56442-56640	100RB#0@100RB#0-100RB#0@100RB#0	-41.37	PASS
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	56442-56640	1RB#0@100RB#0-1RB#99@100RB#0	-29.93	FAIL_Final1
48-48	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	56442-56640	1RB#0@100RB#0-1RB#99@100RB#0	-41.73	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	1RB#99@100RB#0-1RB#0@100RB#0	-41.65	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	100RB#0@100RB#0-100RB#0@100RB#0	-39.89	SeeBelow
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	100RB#0@100RB#0-100RB#0@100RB#0	-41.95	PASS_Final1
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-13.11	SeeBelow
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-29.93	FAIL_Final1
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55340-55538	1RB#0@100RB#0-1RB#99@100RB#0	-41.87	PASS_Final2
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55891-56089	1RB#99@100RB#0-1RB#0@100RB#0	-46.52	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55891-56089	100RB#0@100RB#0-100RB#0@100RB#0	-45.28	PASS



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48	MHz	@16QAM	089	@100RB#0		
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	55891-56089	1RB#0@100RB#0-1RB#99@100RB#0	-43.97	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	56442-56640	1RB#99@100RB#0-1RB#0@100RB#0	-46.36	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	56442-56640	100RB#0@100RB#0-100RB#0@100RB#0	-41.44	PASS
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	56442-56640	1RB#0@100RB#0-1RB#99@100RB#0	-39.74	SeeBelow
48-48	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	56442-56640	1RB#0@100RB#0-1RB#99@100RB#0	-40.13	PASS_Final1

TEST GRAPHS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-1RB#99@100RB#0-1RB#0@100RB#0-PASS



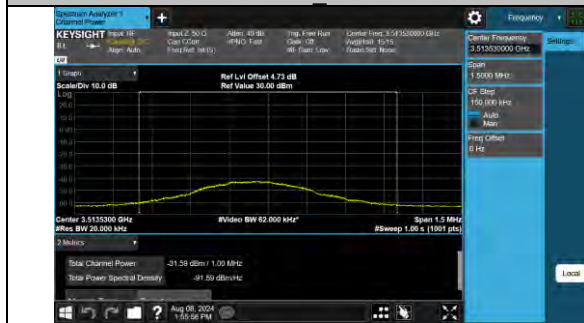
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-100RB#0@100RB#0-100RB#0@100RB#0



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-100RB#0@100RB#0-100RB#0@100RB#0-PASS Final1



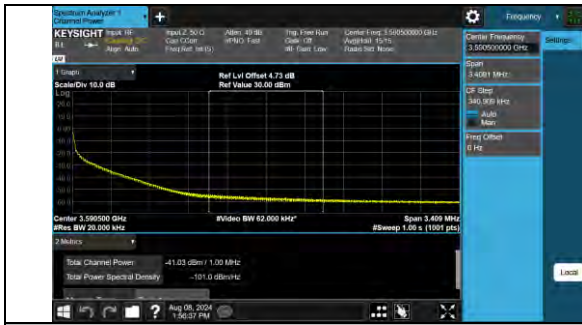
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0



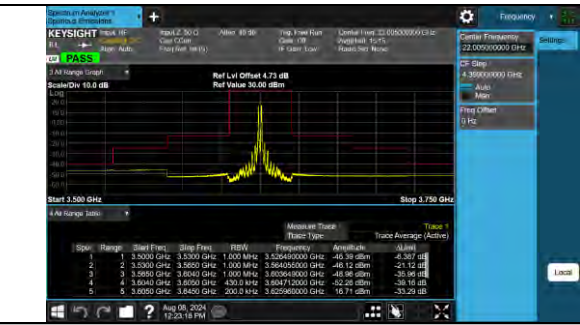
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0-FAIL Final1



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0-PASS_Final2



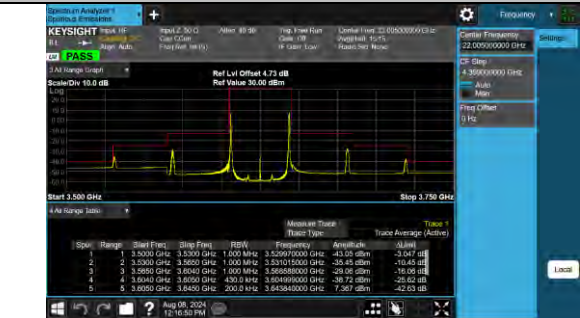
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55
340-55538-1RB#0@100RB#0-1RB#99@100RB#0-PAS
S_Final3



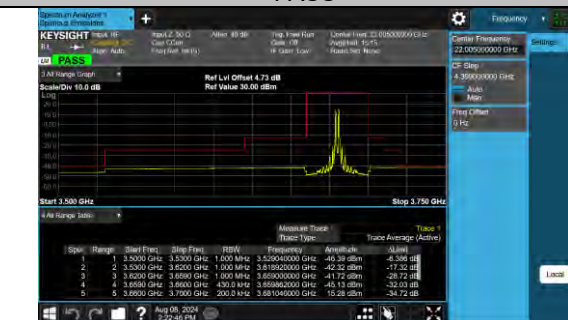
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-558
91-56089-1RB#99@100RB#0-1RB#0@100RB#0-PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-55
891-56089-100RB#0@100RB#0-100RB#0@100RB#0-
PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-558
91-56089-1RB#0@100RB#0-1RB#99@100RB#0-PASS



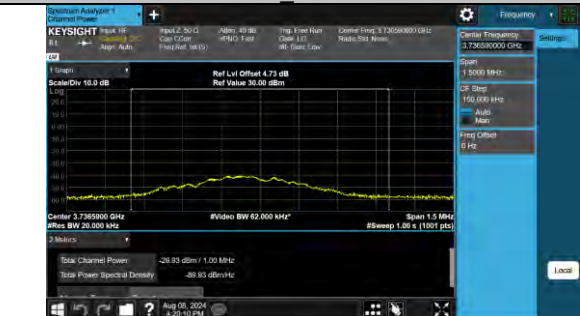
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56
442-56640-1RB#99@100RB#0-1RB#0@100RB#0-PAS
S



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-564
42-56640-100RB#0@100RB#0-100RB#0@100RB#0-FAI
L_Final1



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56
442-56640-100RB#0@100RB#0-100RB#0@100RB#0-
PASS



48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-564
42-56640-1RB#0@100RB#0-1RB#99@100RB#0-FAIL_Fi
nal1



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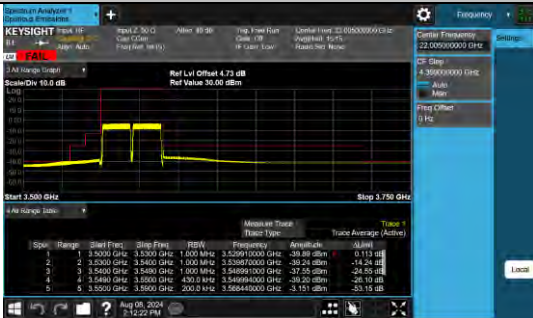
Reference No.: W7L-P24050018RF10



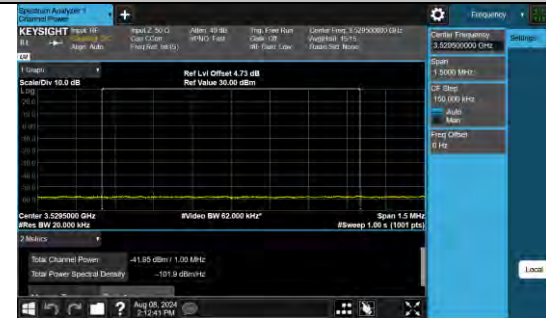
48-48-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-56
442-56640-1RB#0@100RB#0-1RB#99@100RB#0-PAS
S



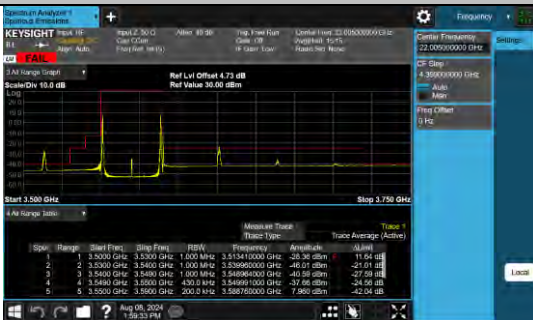
48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-1RB#99@100RB#0-1RB#0@100RB#0-P
ASS



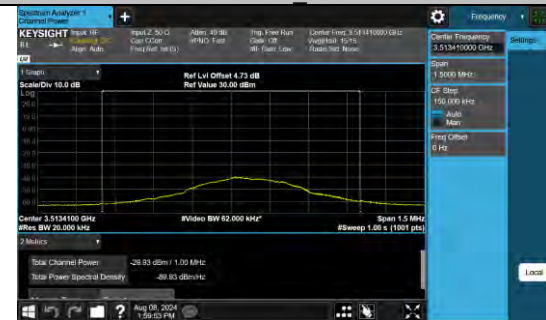
48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-100RB#0@100RB#0-100RB#0@100R
B#0



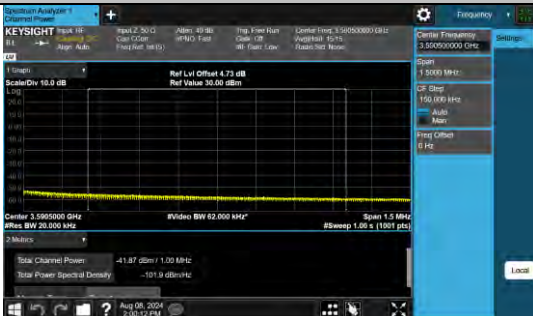
48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-100RB#0@100RB#0-100RB#0@100RB
#0-PASS Final1



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0-F
AIL Final1



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55340-55538-1RB#0@100RB#0-1RB#99@100RB#0
-PASS Final2



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55891-56089-1RB#99@100RB#0-1RB#0@100RB#0-P
ASS

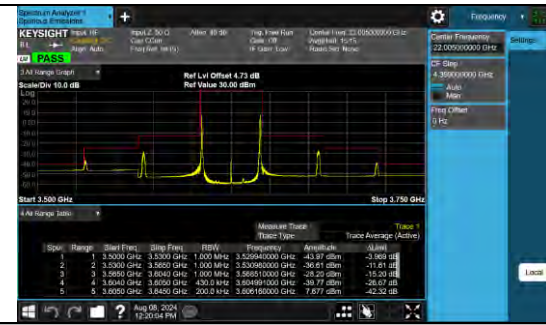


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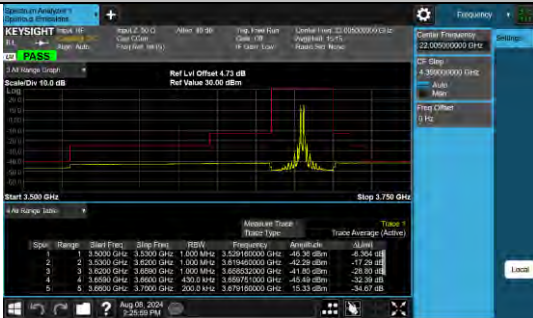
Reference No.: W7L-P24050018RF10



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55891-56089-100RB#0@100RB#0-100RB#0@100R
B#0-PASS



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-55891-56089-1RB#0@100RB#0-1RB#99@100RB#0-P
ASS



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-56442-56640-1RB#99@100RB#0-1RB#0@100RB#0
-PASS



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-56442-56640-100RB#0@100RB#0-100RB#0@100RB
#0-PASS



48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-56442-56640-1RB#0@100RB#0-1RB#99@100RB#0

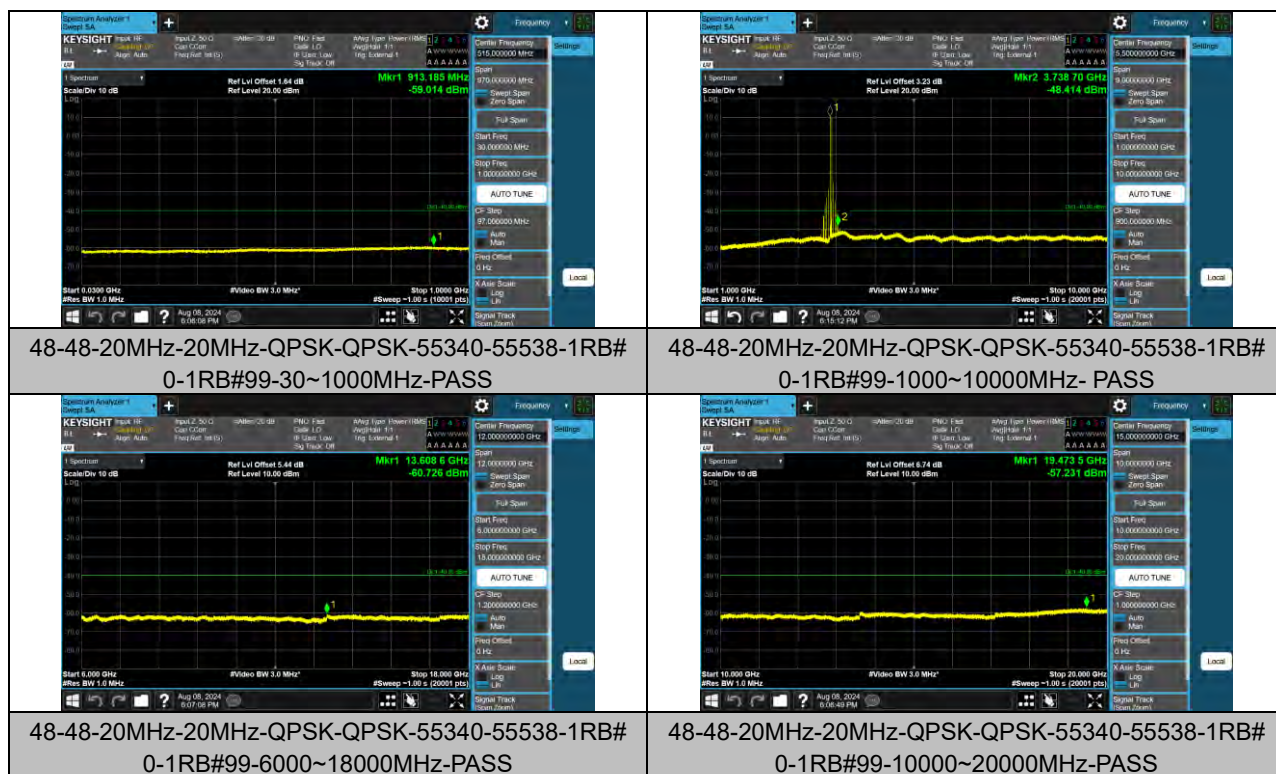


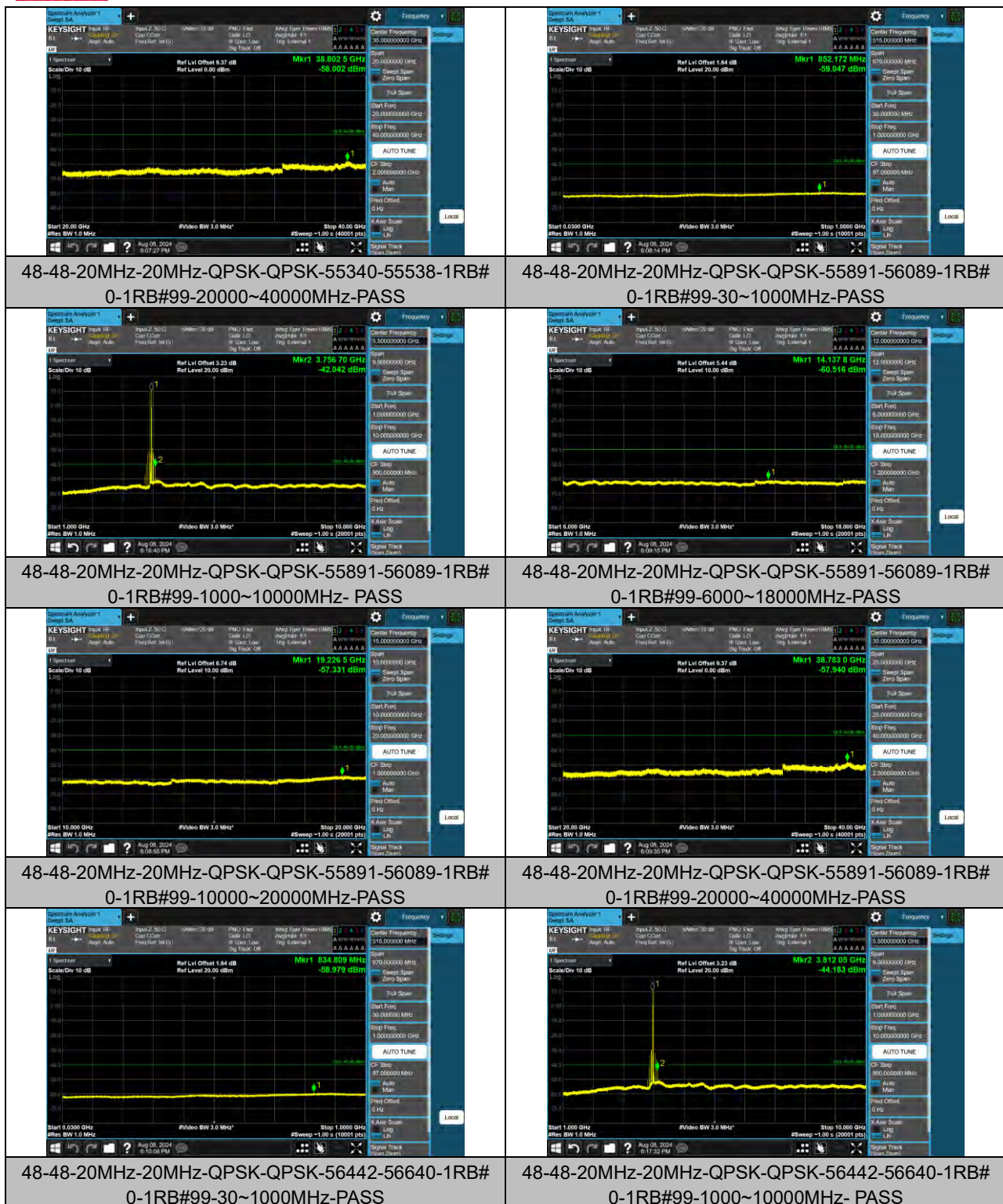
48-48-20MHz-20MHz-16QAM@16QAM-16QAM@16QA
M-56442-56640-1RB#0@100RB#0-1RB#99@100RB#0-P
ASS Final1

CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-1RB#99	30~1000MHz	-59.01	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-1RB#99	1000~10000MHz	-48.41	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-1RB#99	6000~18000MHz	-60.73	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-1RB#99	10000~20000MHz	-57.23	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-1RB#99	20000~40000MHz	-58	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-1RB#99	30~1000MHz	-59.05	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-1RB#99	1000~10000MHz	-42.04	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-1RB#99	6000~18000MHz	-60.52	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-1RB#99	10000~20000MHz	-57.33	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-1RB#99	20000~40000MHz	-57.94	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-1RB#99	30~1000MHz	-58.98	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-1RB#99	1000~10000MHz	-44.18	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-1RB#99	6000~18000MHz	-60.6	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-1RB#99	10000~20000MHz	-57.49	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-1RB#99	20000~40000MHz	-58.24	PASS

TEST GRAPHS

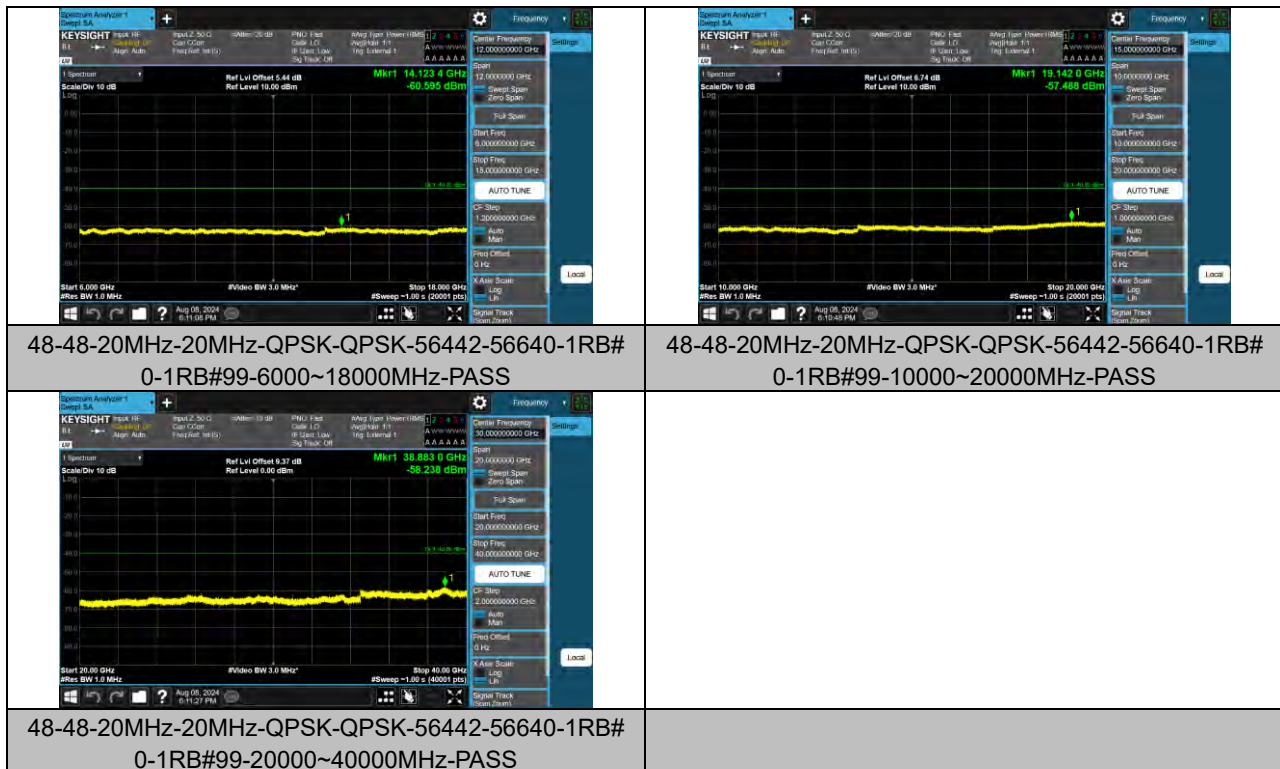






BUREAU
VERITAS

Reference No.: W7L-P24050018RF10



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