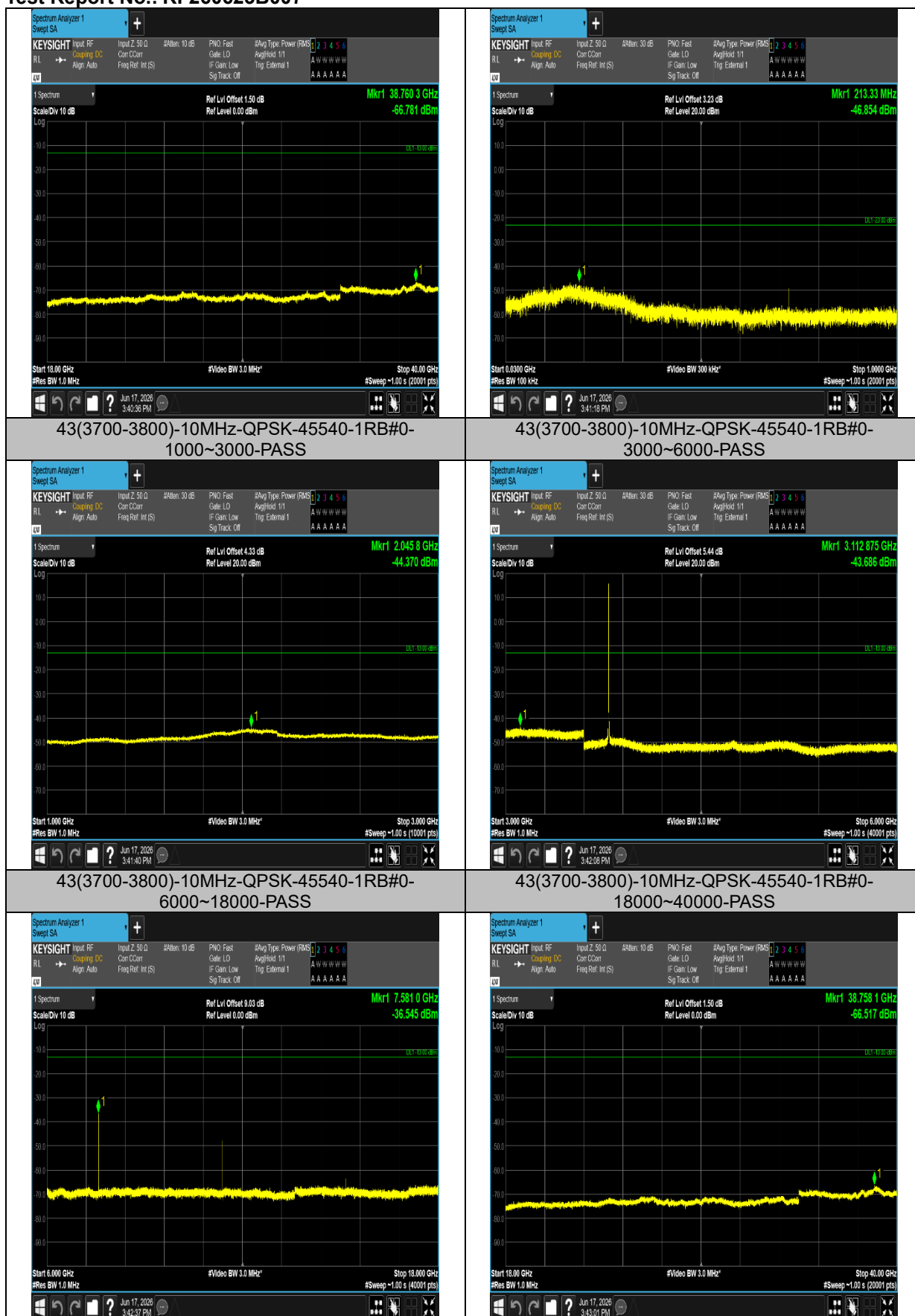




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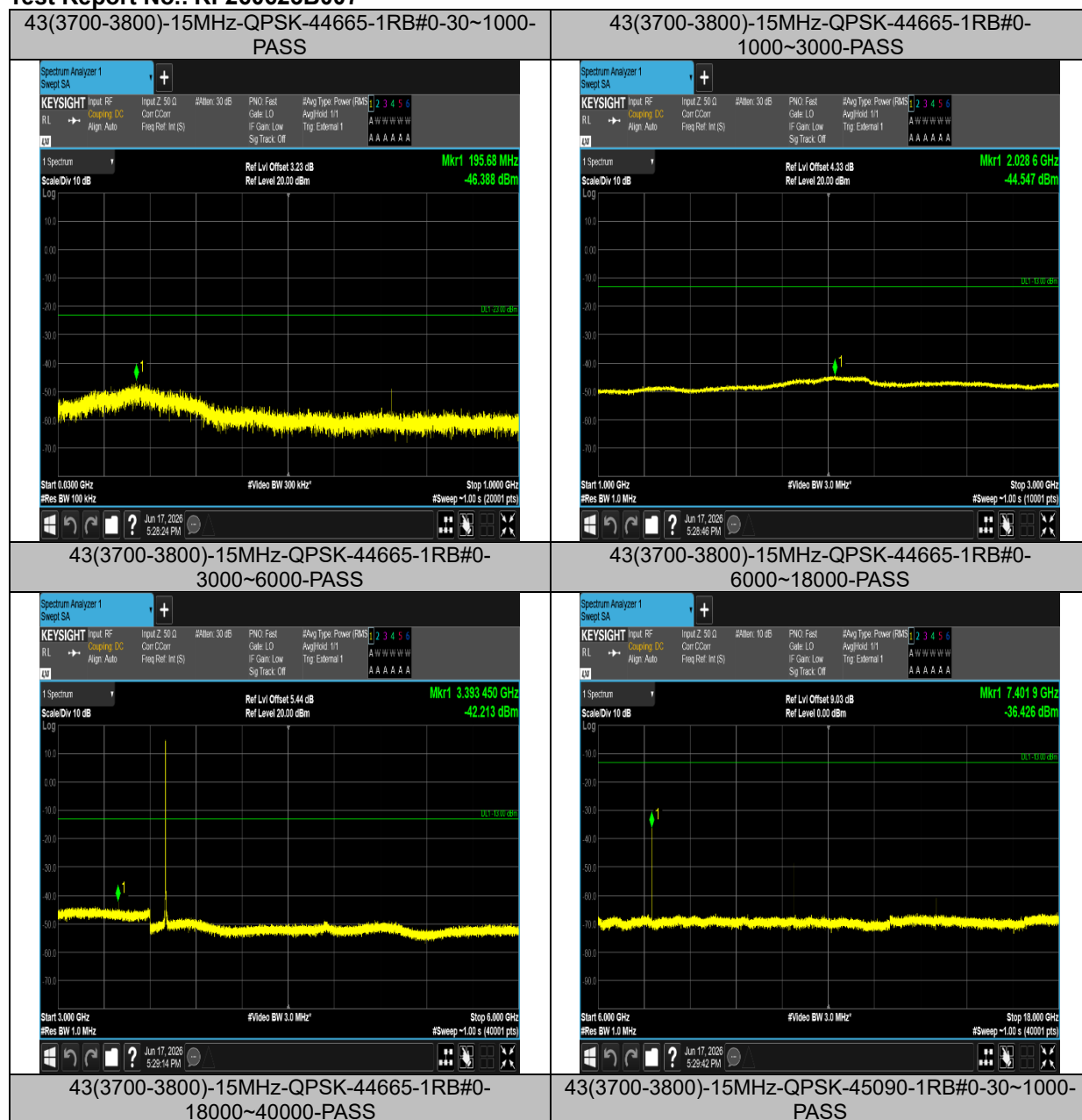
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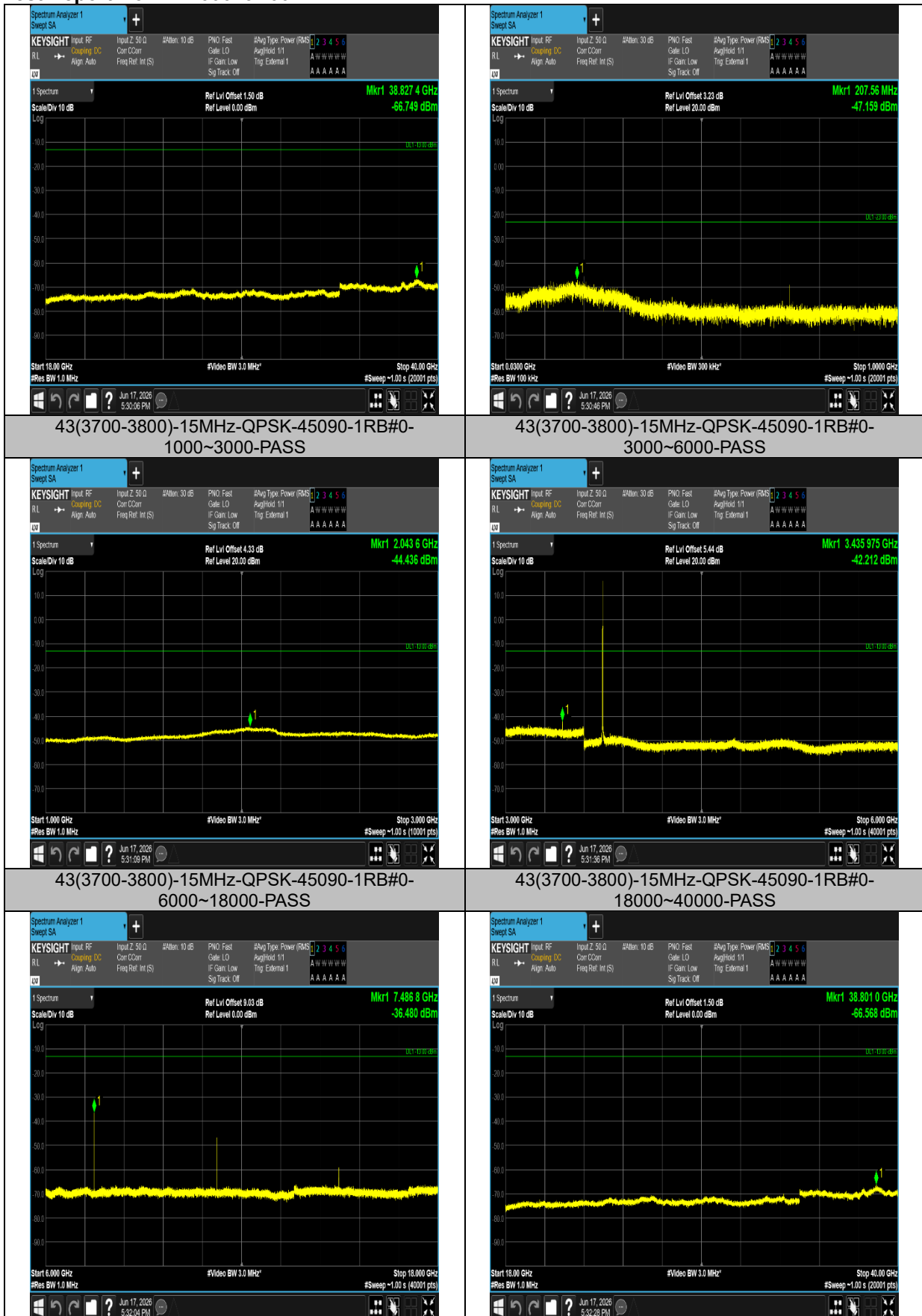


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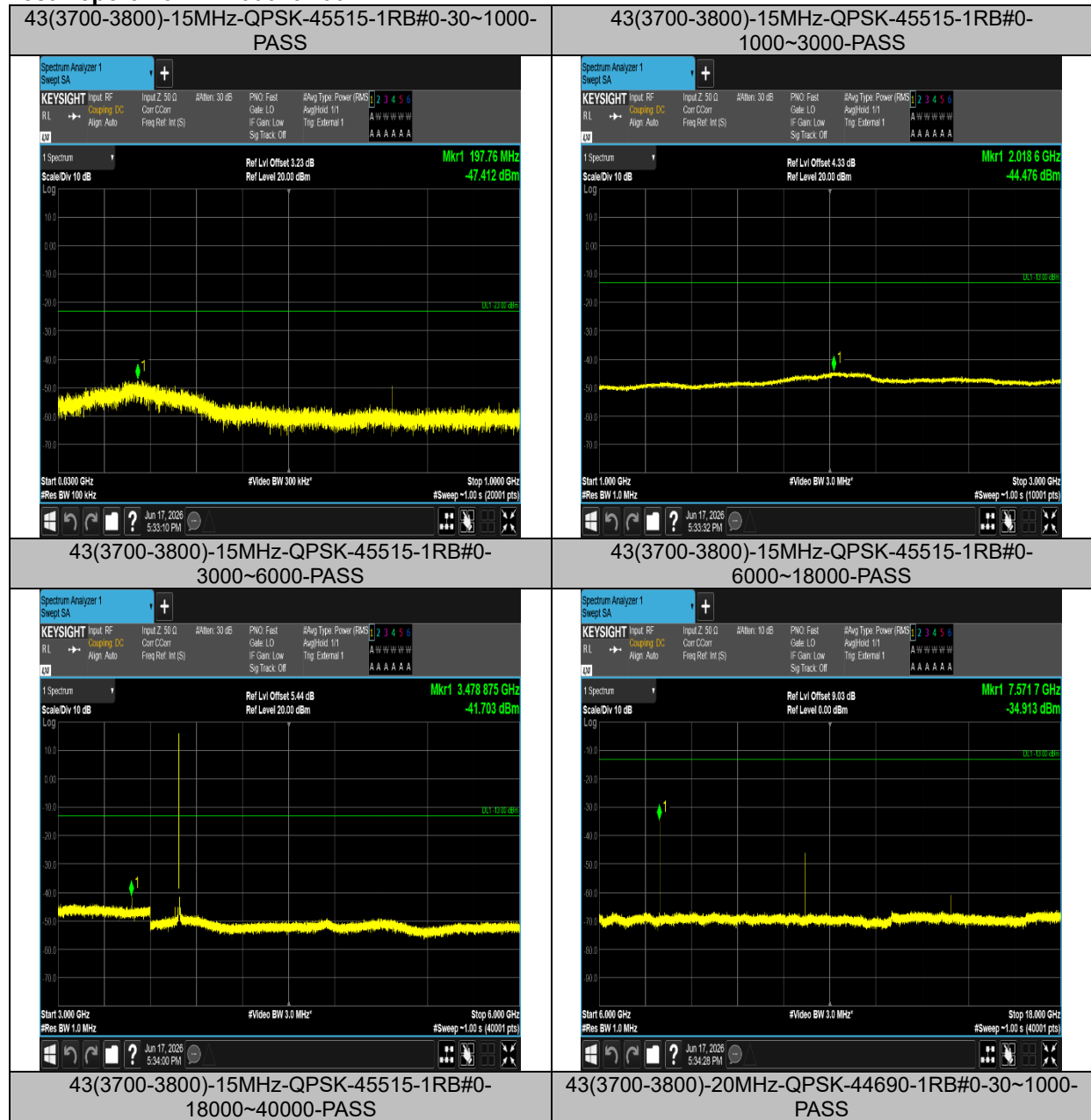
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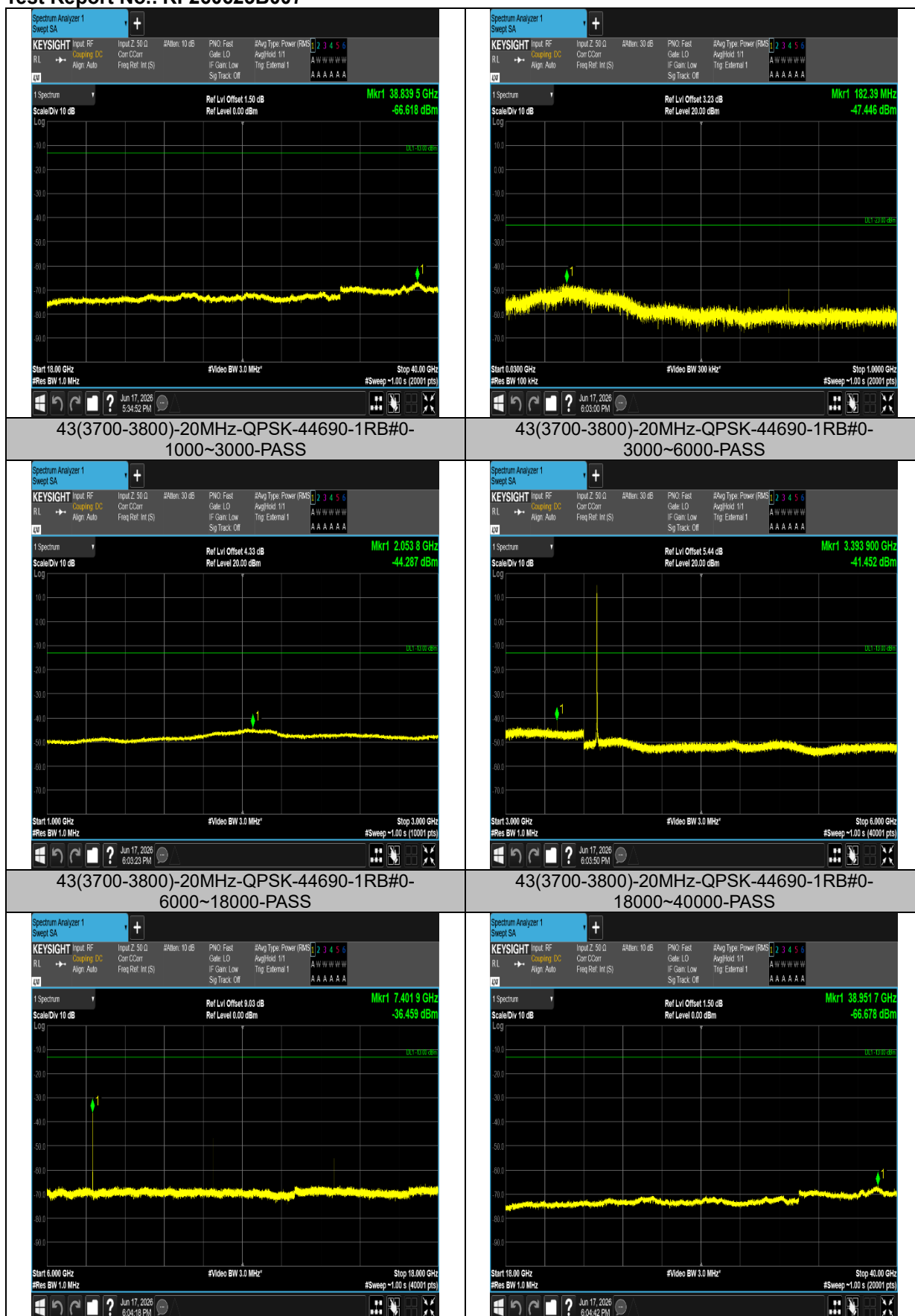


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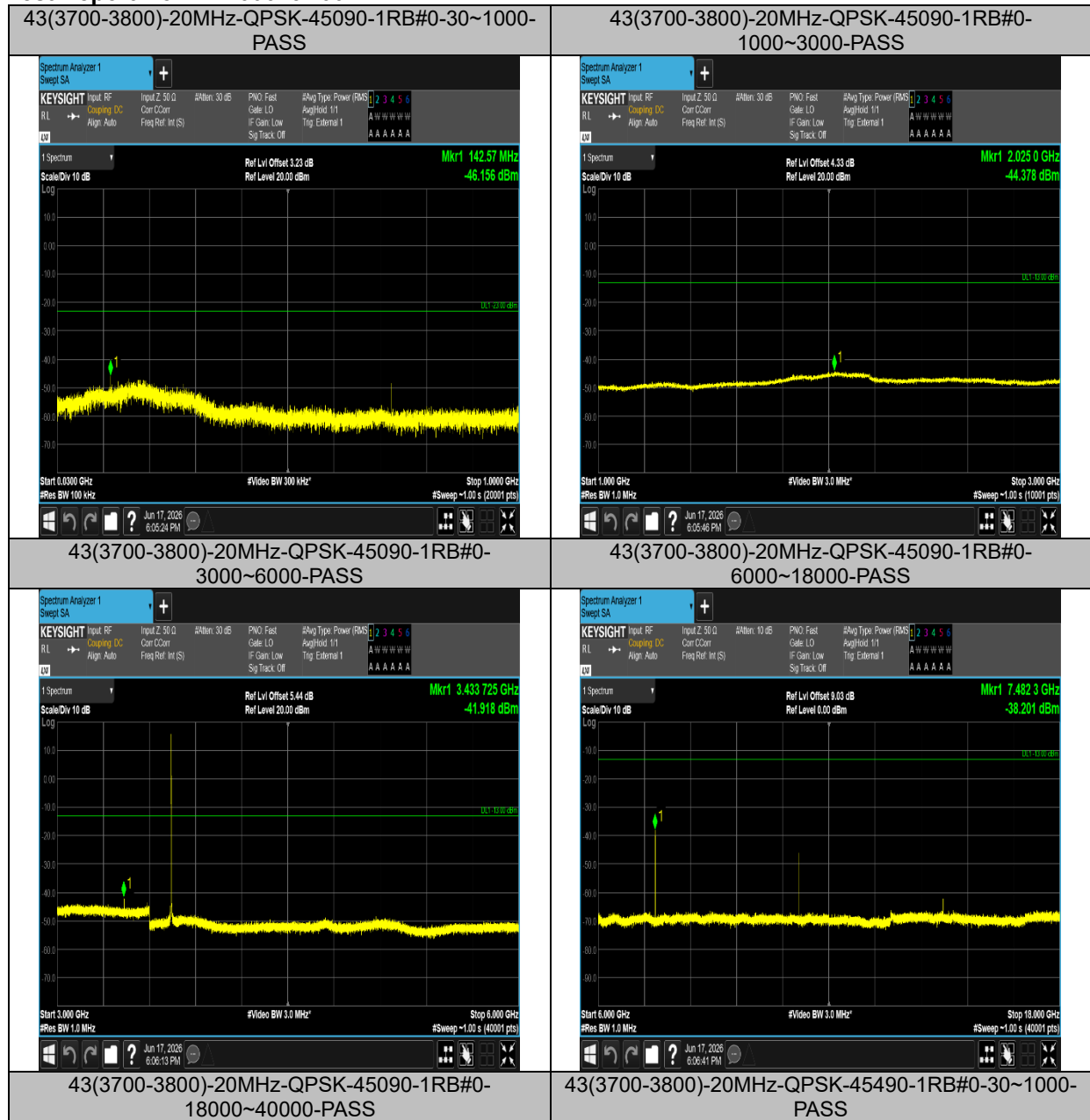
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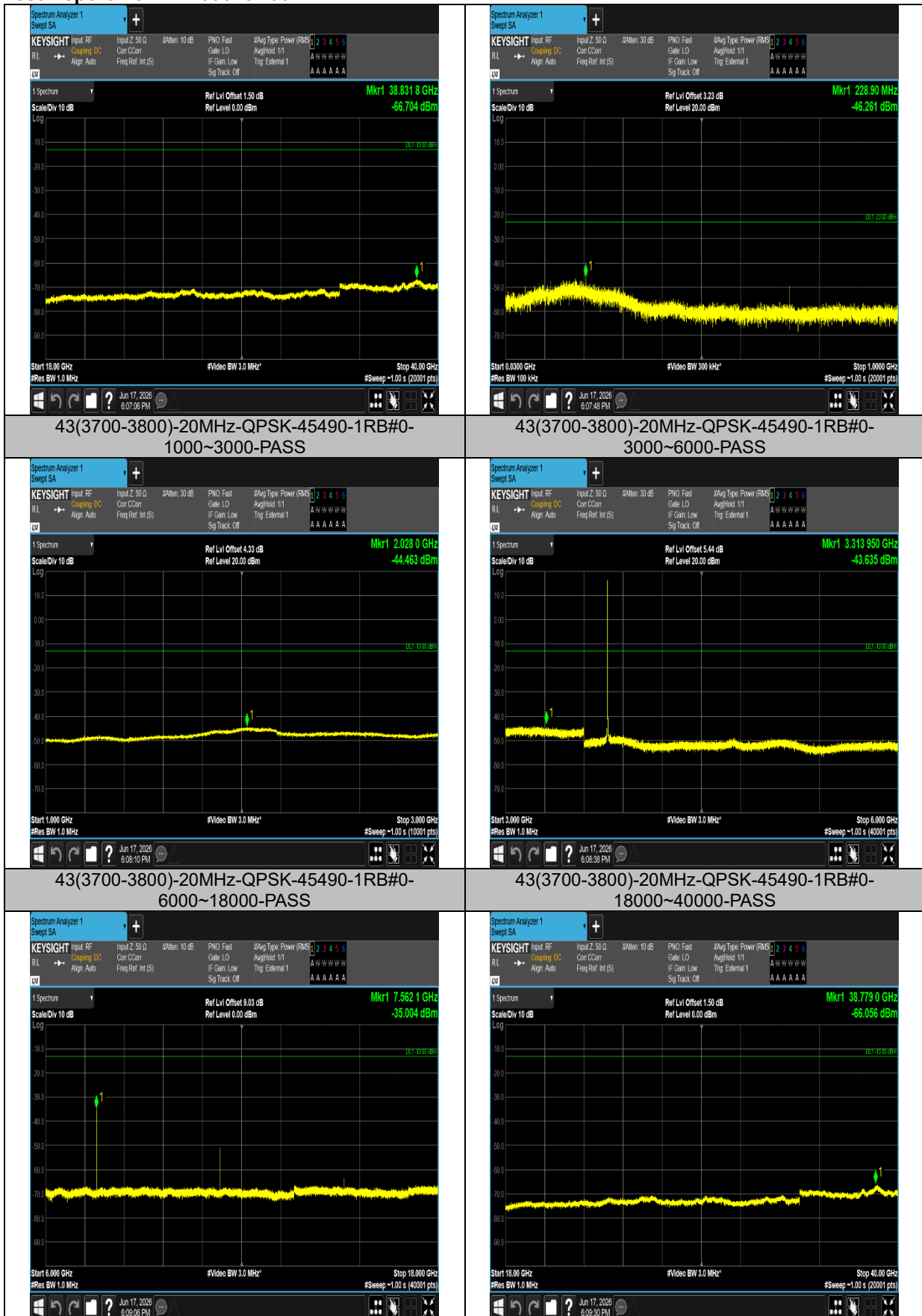


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Frequency Stability Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VN	NT	-4430.00	-1.195682	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VL	NT	420.00	0.113360	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	VH	NT	550.00	0.148448	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VN	NT	-3980.00	-1.048748	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VL	NT	-5340.00	-1.407115	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	VH	NT	-8210.00	-2.163373	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	-30	-2450.00	-0.661269	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	-20	1010.00	0.272605	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	-10	530.00	0.143050	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	0	-2070.00	-0.558704	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	10	-410.00	-0.110661	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	20	380.00	0.102564	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	30	-110.00	-0.029690	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	40	-760.00	-0.205128	±2.5	PASS
43(3700-3800)	10MHz	QPSK	44640	50RB#0	NV	50	-710.00	-0.191633	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	50	-3470.00	-0.914361	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	-30	-6020.00	-1.586298	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	-20	-3270.00	-0.861660	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	-10	-5040.00	-1.328063	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	0	-7440.00	-1.960474	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	10	310.00	0.081686	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	20	-4530.00	-1.193676	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	30	-1840.00	-0.484848	±2.5	PASS
43(3700-3800)	10MHz	QPSK	45540	50RB#0	NV	40	-1270.00	-0.334651	±2.5	PASS

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Test Report No.: RF260623B007
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	4.71	13	PASS
Band48	5MHz	QPSK	55265	25RB#0	5.78	13	PASS
Band48	5MHz	QPSK	55990	1RB#0	4.64	13	PASS
Band48	5MHz	QPSK	55990	25RB#0	5.91	13	PASS
Band48	5MHz	QPSK	56715	1RB#0	4.71	13	PASS
Band48	5MHz	QPSK	56715	25RB#0	6.00	13	PASS
Band48	5MHz	64QAM	55265	1RB#0	4.75	13	PASS
Band48	5MHz	64QAM	55265	25RB#0	5.77	13	PASS
Band48	5MHz	64QAM	55990	1RB#0	4.65	13	PASS
Band48	5MHz	64QAM	55990	25RB#0	5.94	13	PASS
Band48	5MHz	64QAM	56715	1RB#0	4.72	13	PASS
Band48	5MHz	64QAM	56715	25RB#0	6.02	13	PASS
Band48	5MHz	16QAM	55265	1RB#0	5.66	13	PASS
Band48	5MHz	16QAM	55265	25RB#0	6.64	13	PASS
Band48	5MHz	16QAM	55990	1RB#0	5.68	13	PASS
Band48	5MHz	16QAM	55990	25RB#0	6.73	13	PASS
Band48	5MHz	16QAM	56715	1RB#0	5.75	13	PASS
Band48	5MHz	16QAM	56715	25RB#0	6.81	13	PASS
Band48	10MHz	QPSK	55290	1RB#0	4.76	13	PASS
Band48	10MHz	QPSK	55290	50RB#0	5.79	13	PASS
Band48	10MHz	QPSK	55990	1RB#0	4.63	13	PASS
Band48	10MHz	QPSK	55990	50RB#0	6.61	13	PASS
Band48	10MHz	QPSK	56690	1RB#0	4.72	13	PASS
Band48	10MHz	QPSK	56690	50RB#0	6.69	13	PASS
Band48	10MHz	64QAM	55290	1RB#0	4.75	13	PASS
Band48	10MHz	64QAM	55290	50RB#0	5.75	13	PASS
Band48	10MHz	64QAM	55990	1RB#0	4.68	13	PASS
Band48	10MHz	64QAM	55990	50RB#0	6.62	13	PASS
Band48	10MHz	64QAM	56690	1RB#0	4.74	13	PASS
Band48	10MHz	64QAM	56690	50RB#0	6.72	13	PASS
Band48	10MHz	16QAM	55290	1RB#0	5.82	13	PASS
Band48	10MHz	16QAM	55290	50RB#0	6.65	13	PASS
Band48	10MHz	16QAM	55990	1RB#0	5.66	13	PASS
Band48	10MHz	16QAM	55990	50RB#0	7.15	13	PASS
Band48	10MHz	16QAM	56690	1RB#0	5.73	13	PASS
Band48	10MHz	16QAM	56690	50RB#0	7.20	13	PASS
Band48	15MHz	QPSK	55315	1RB#0	4.76	13	PASS
Band48	15MHz	QPSK	55315	75RB#0	5.91	13	PASS
Band48	15MHz	QPSK	55990	1RB#0	4.63	13	PASS
Band48	15MHz	QPSK	55990	75RB#0	7.12	13	PASS
Band48	15MHz	QPSK	56665	1RB#0	4.76	13	PASS
Band48	15MHz	QPSK	56665	75RB#0	7.31	13	PASS
Band48	15MHz	64QAM	55315	1RB#0	4.79	13	PASS
Band48	15MHz	64QAM	55315	75RB#0	5.90	13	PASS
Band48	15MHz	64QAM	55990	1RB#0	4.67	13	PASS
Band48	15MHz	64QAM	55990	75RB#0	7.15	13	PASS
Band48	15MHz	64QAM	56665	1RB#0	4.78	13	PASS
Band48	15MHz	64QAM	56665	75RB#0	7.21	13	PASS
Band48	15MHz	16QAM	55315	1RB#0	5.74	13	PASS
Band48	15MHz	16QAM	55315	75RB#0	6.59	13	PASS
Band48	15MHz	16QAM	55990	1RB#0	5.64	13	PASS
Band48	15MHz	16QAM	55990	75RB#0	7.57	13	PASS

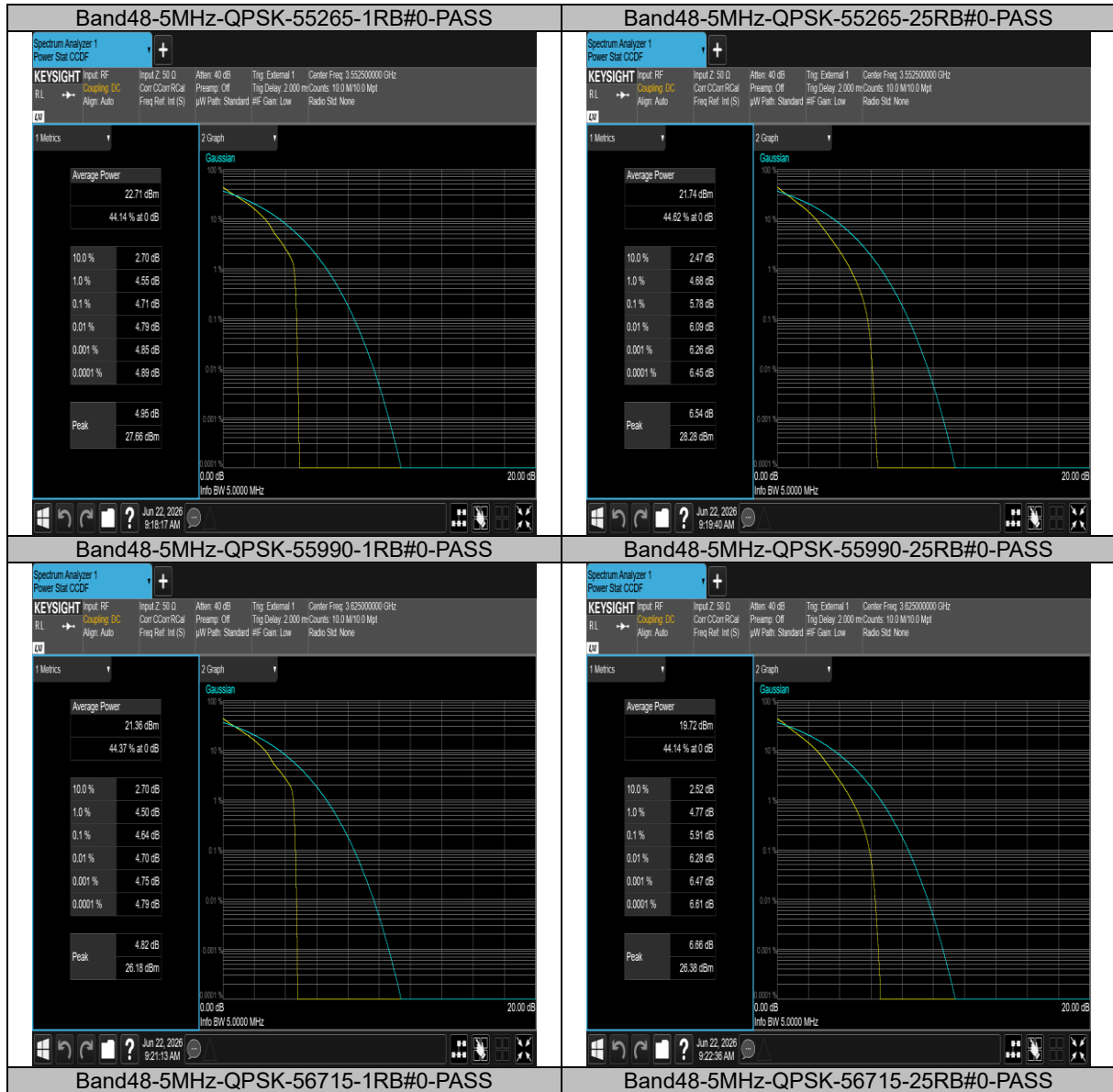


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Band48	15MHz	16QAM	56665	1RB#0	5.75	13	PASS
Band48	15MHz	16QAM	56665	75RB#0	7.65	13	PASS
Band48	20MHz	QPSK	55340	1RB#0	8.69	13	PASS
Band48	20MHz	QPSK	55340	100RB#0	9.34	13	PASS
Band48	20MHz	QPSK	55990	1RB#0	8.54	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	10.51	13	PASS
Band48	20MHz	QPSK	56640	1RB#0	8.77	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	10.87	13	PASS
Band48	20MHz	64QAM	55340	1RB#0	8.56	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	9.49	13	PASS
Band48	20MHz	64QAM	55990	1RB#0	8.83	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	10.57	13	PASS
Band48	20MHz	64QAM	56640	1RB#0	8.80	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	10.54	13	PASS
Band48	20MHz	16QAM	55340	1RB#0	9.83	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	10.08	13	PASS
Band48	20MHz	16QAM	55990	1RB#0	9.43	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	11.38	13	PASS
Band48	20MHz	16QAM	56640	1RB#0	9.78	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	11.20	13	PASS

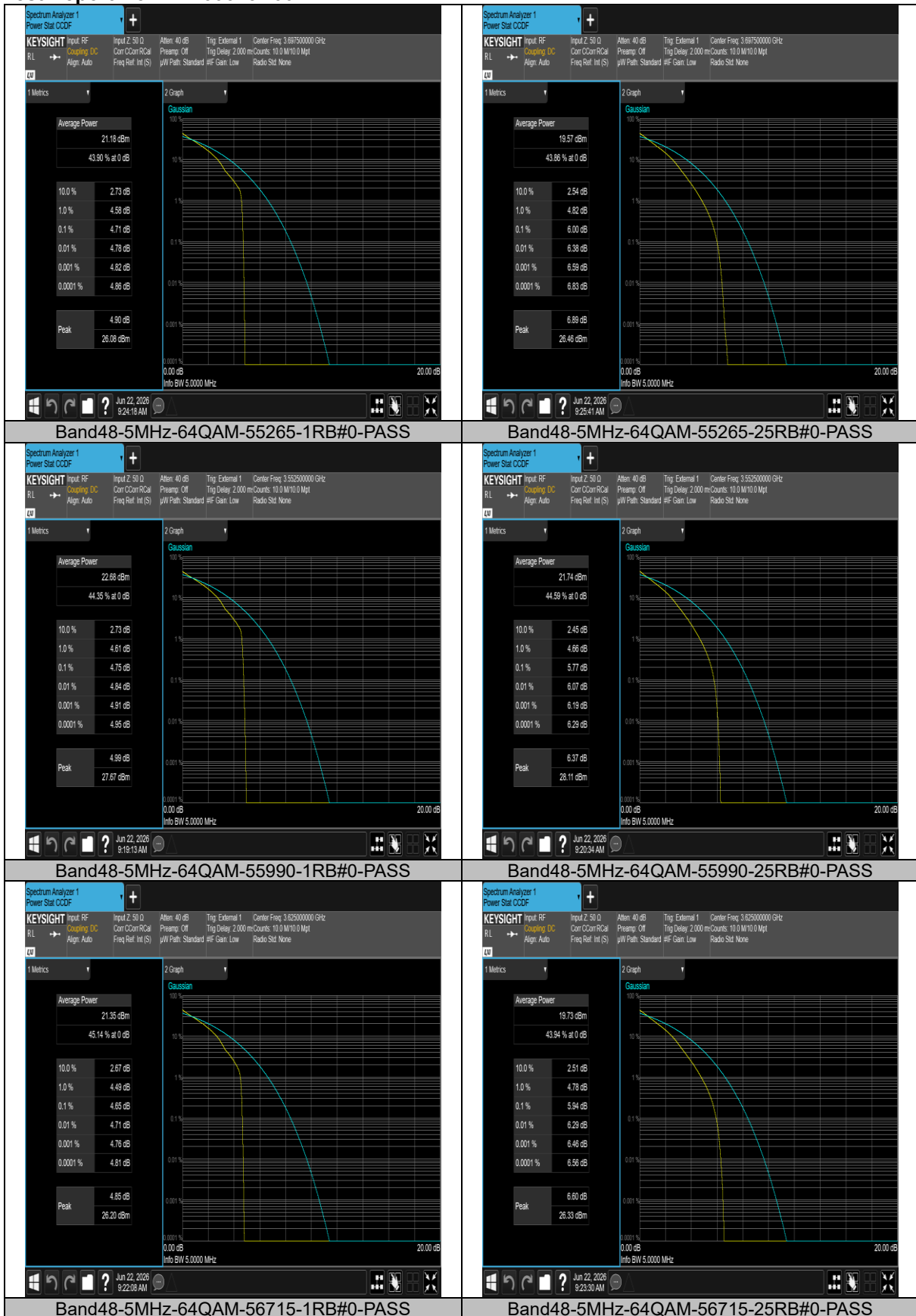


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Test Graphs



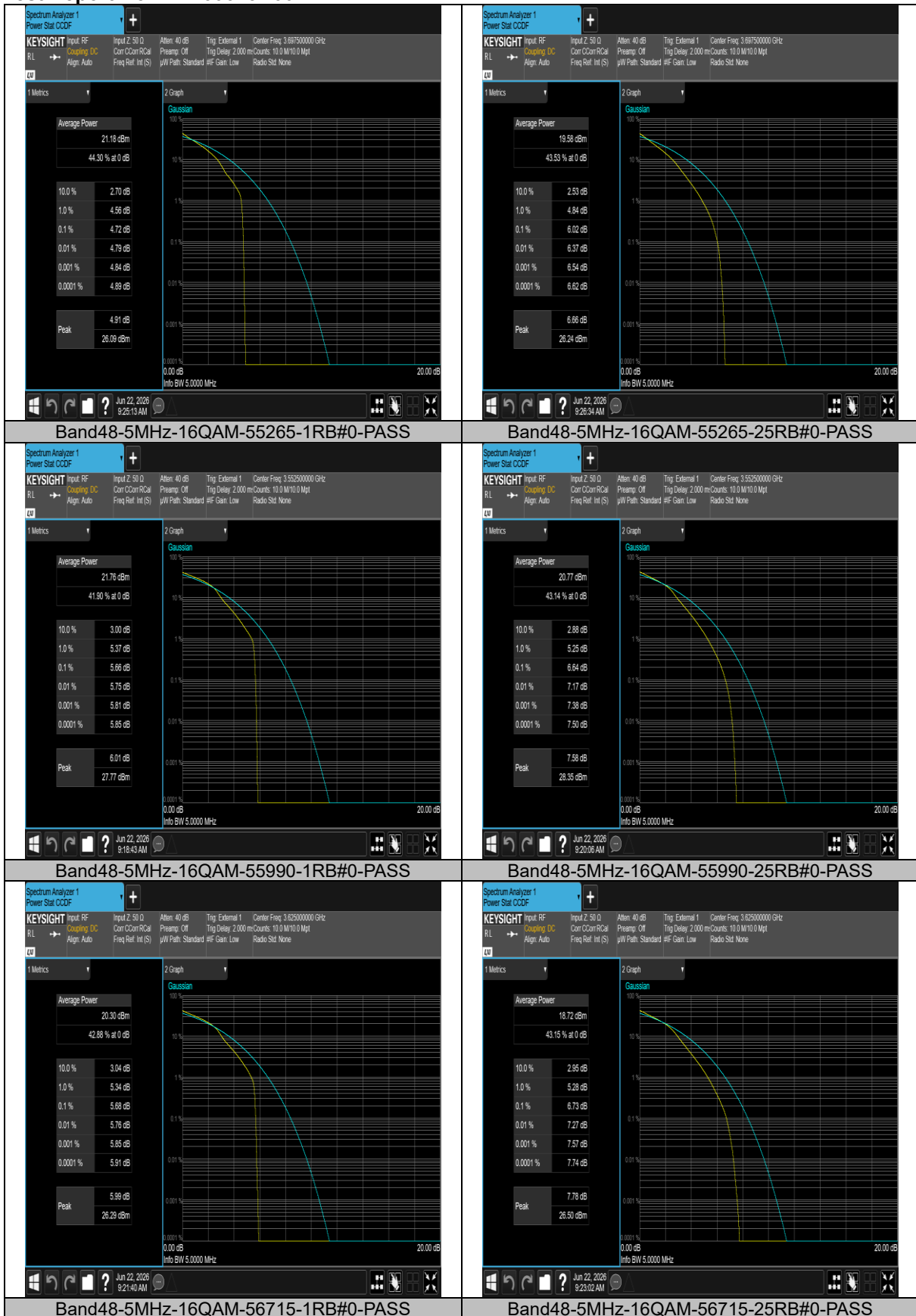


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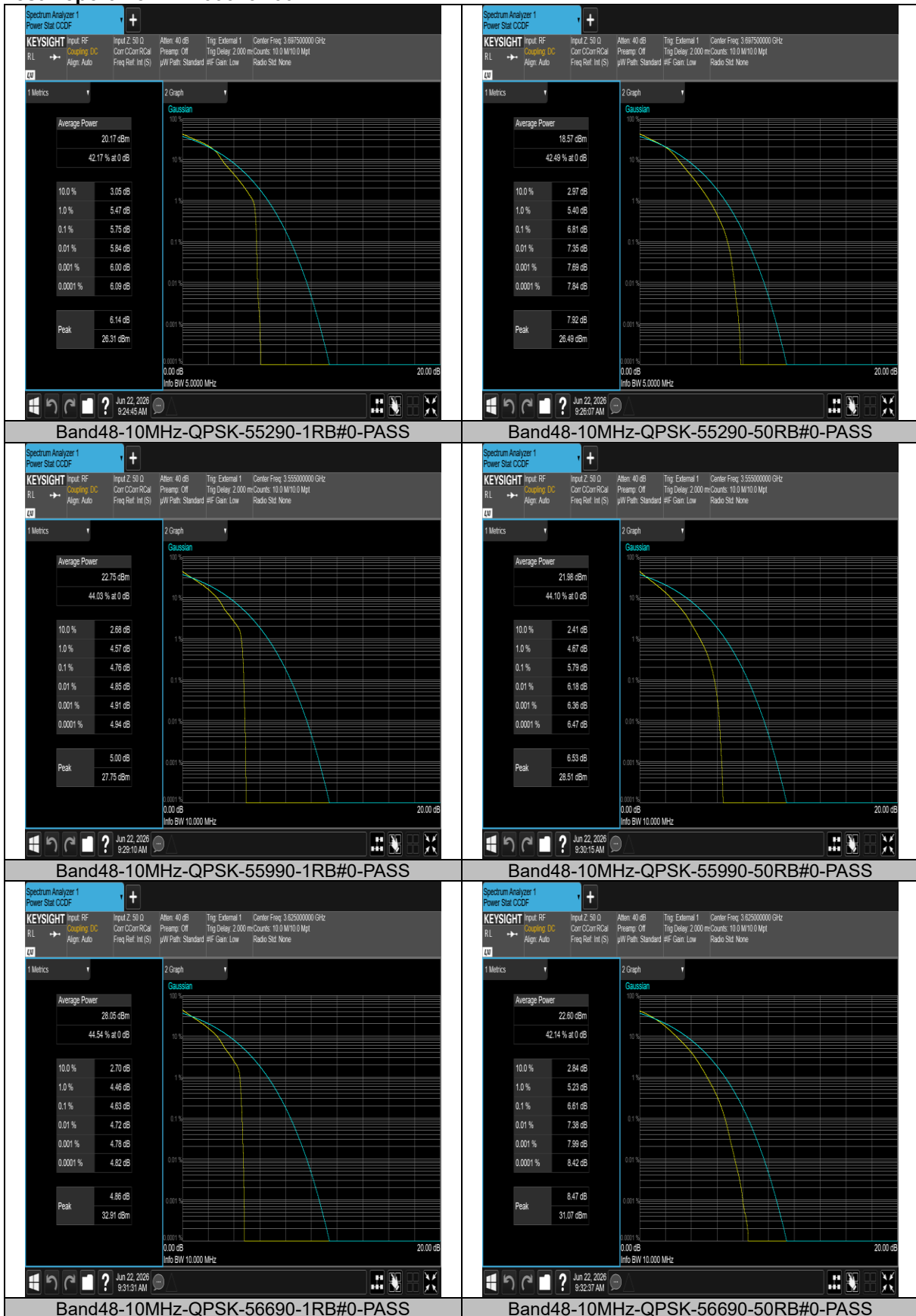
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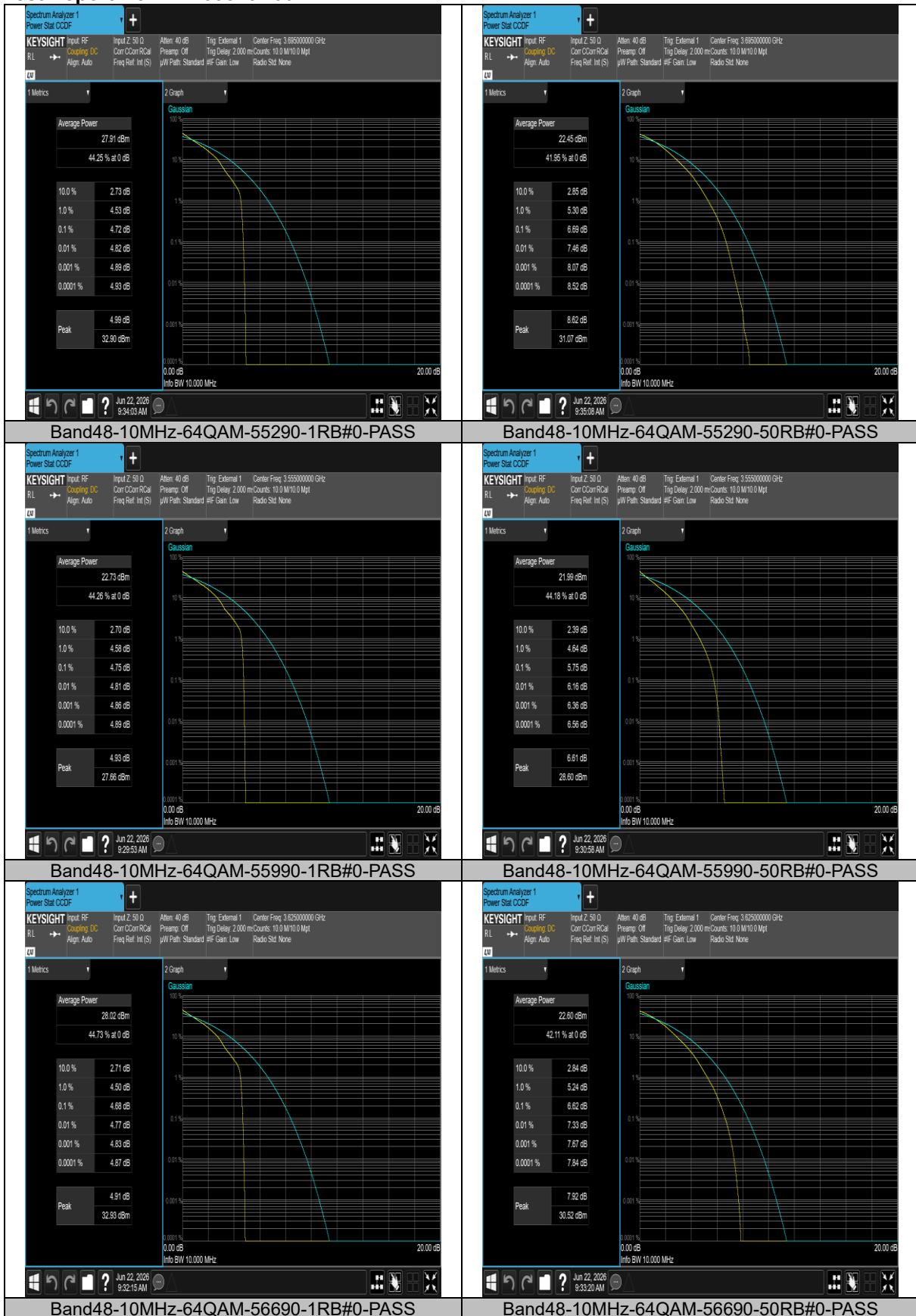
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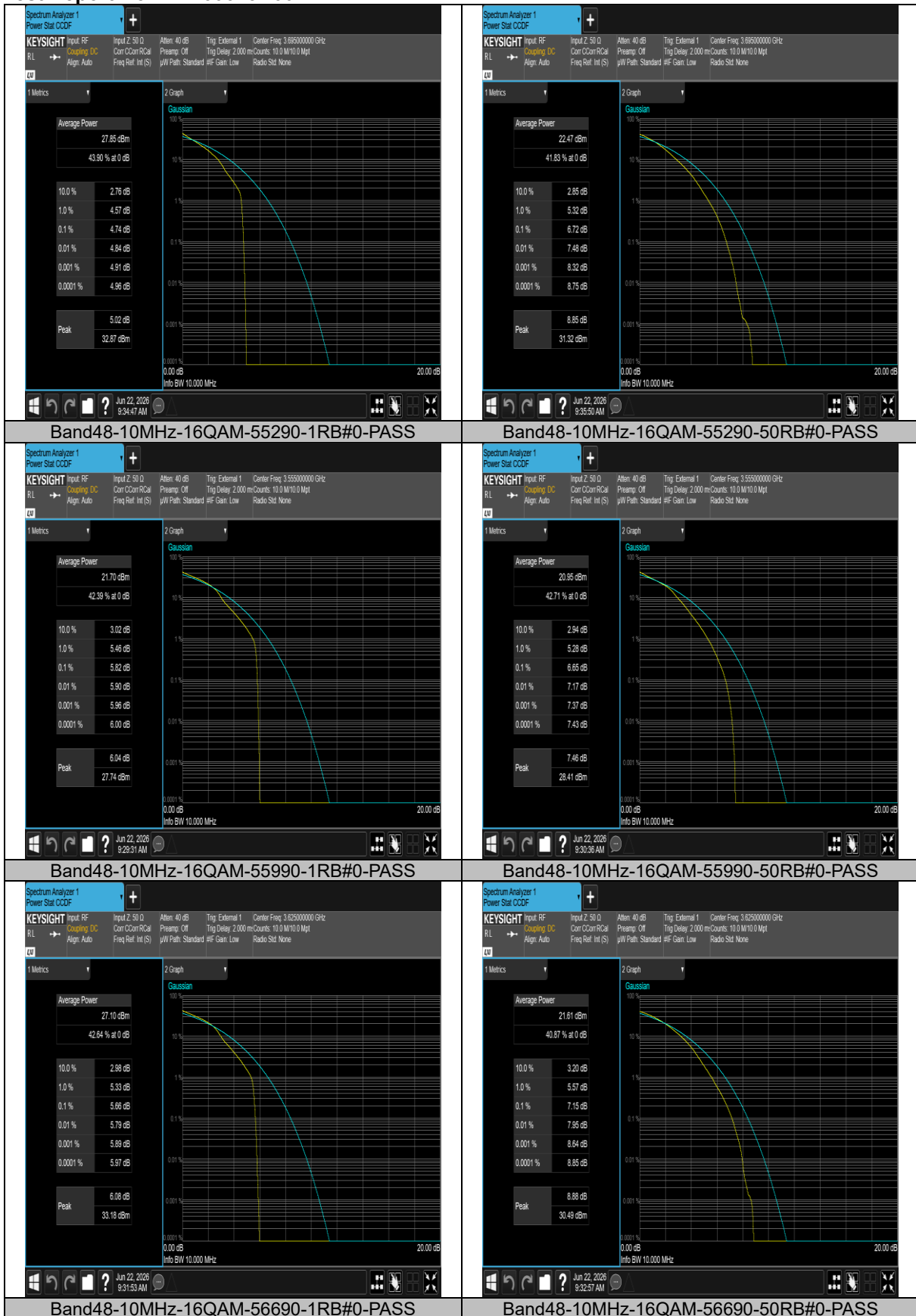


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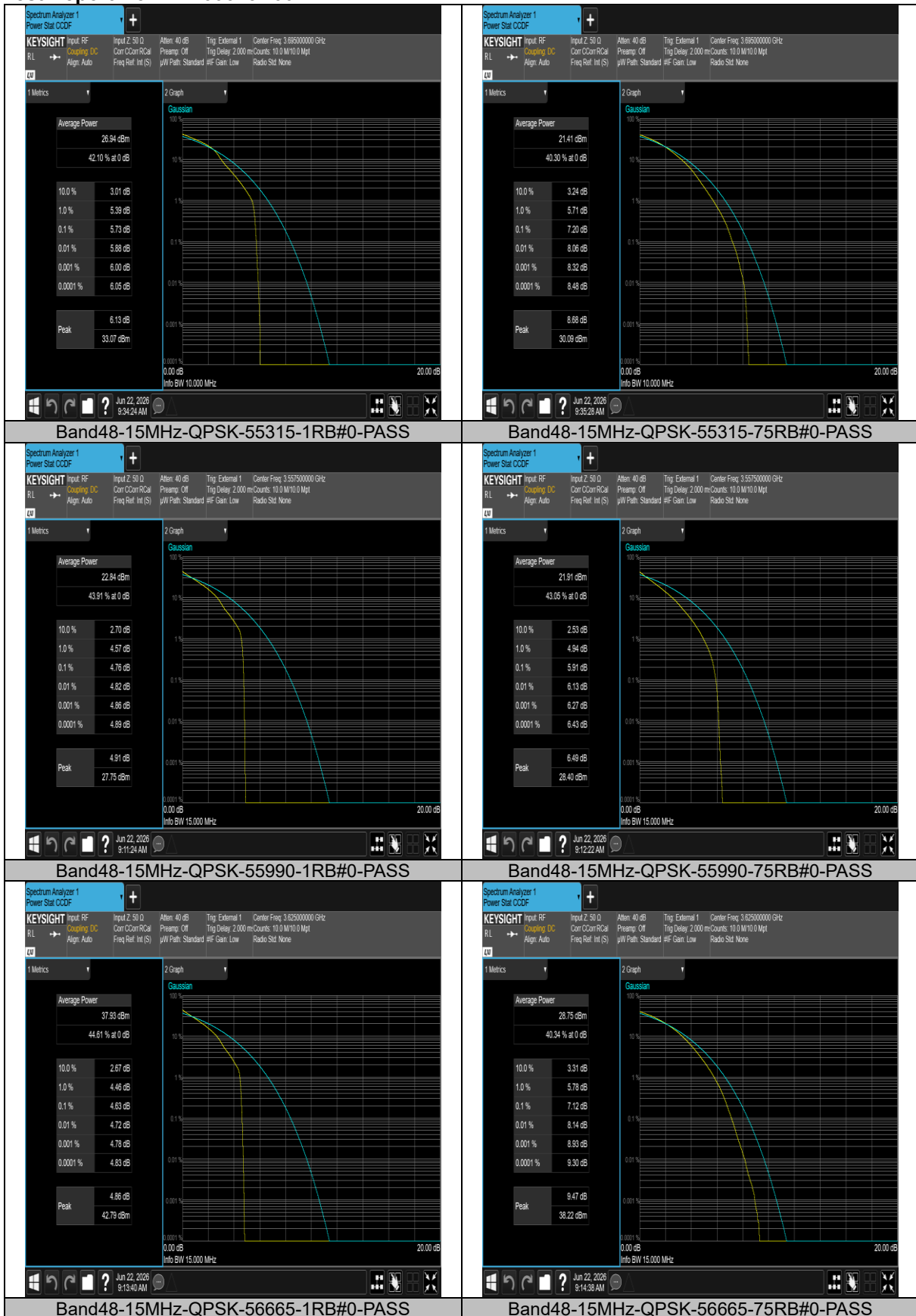
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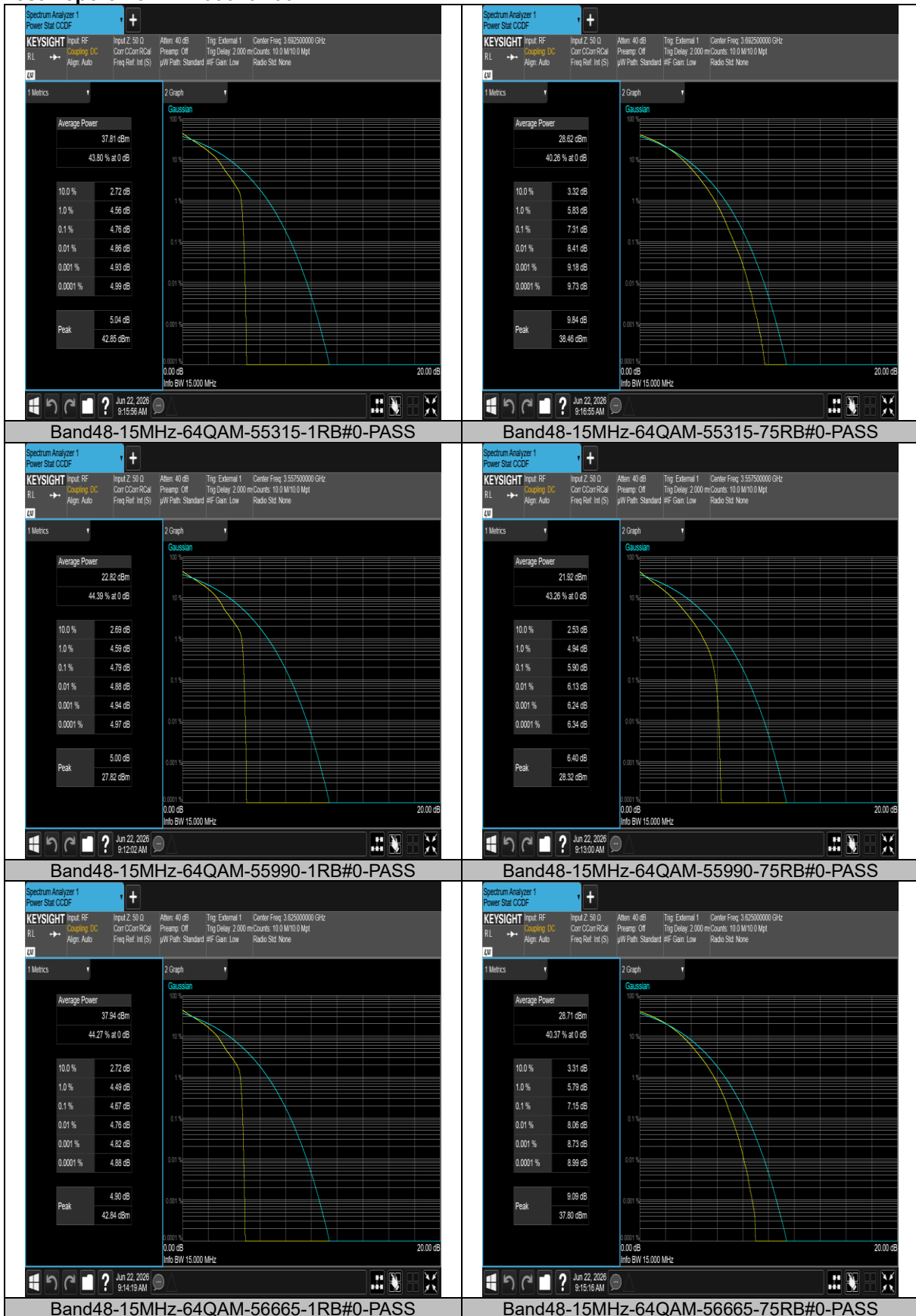
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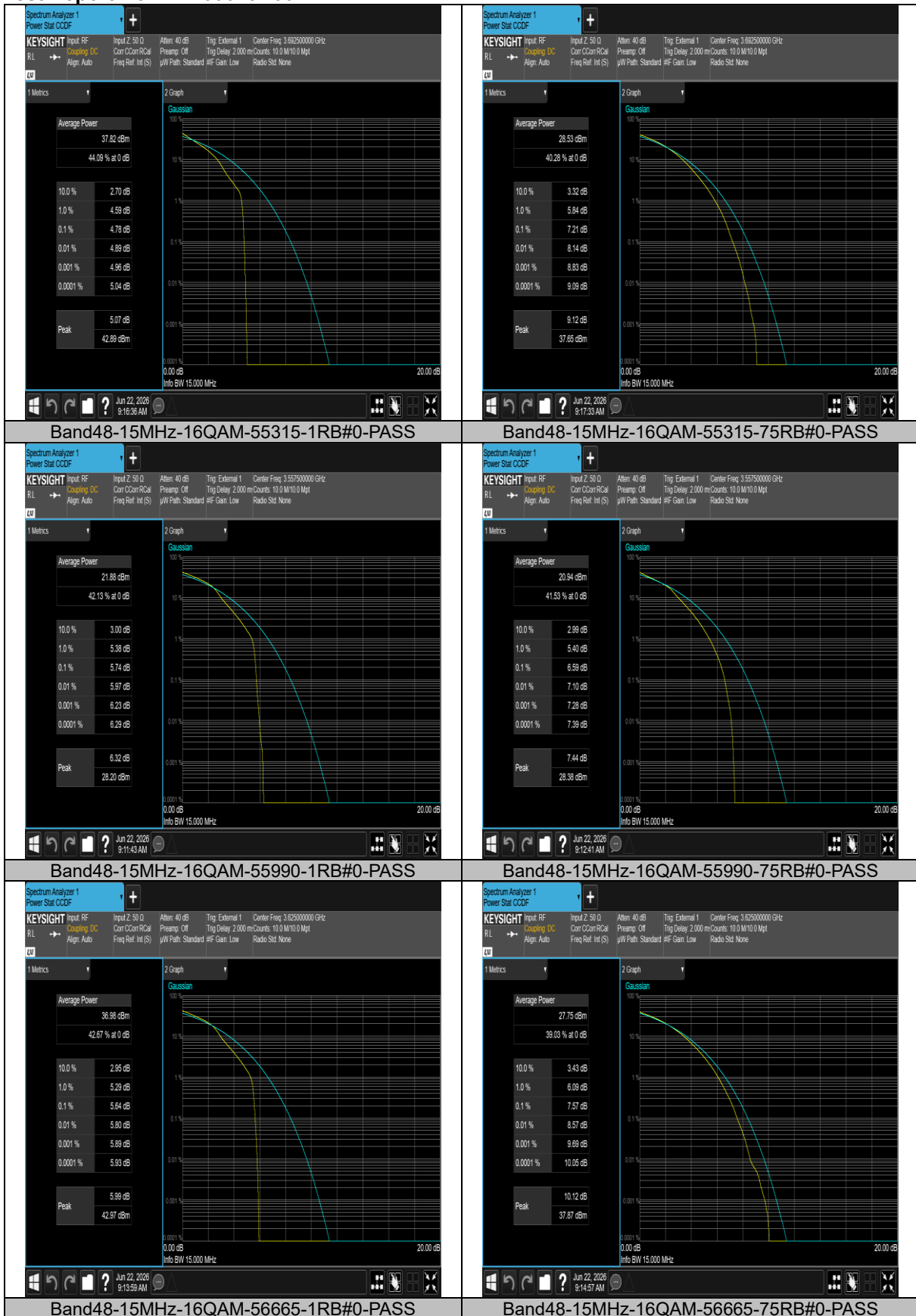
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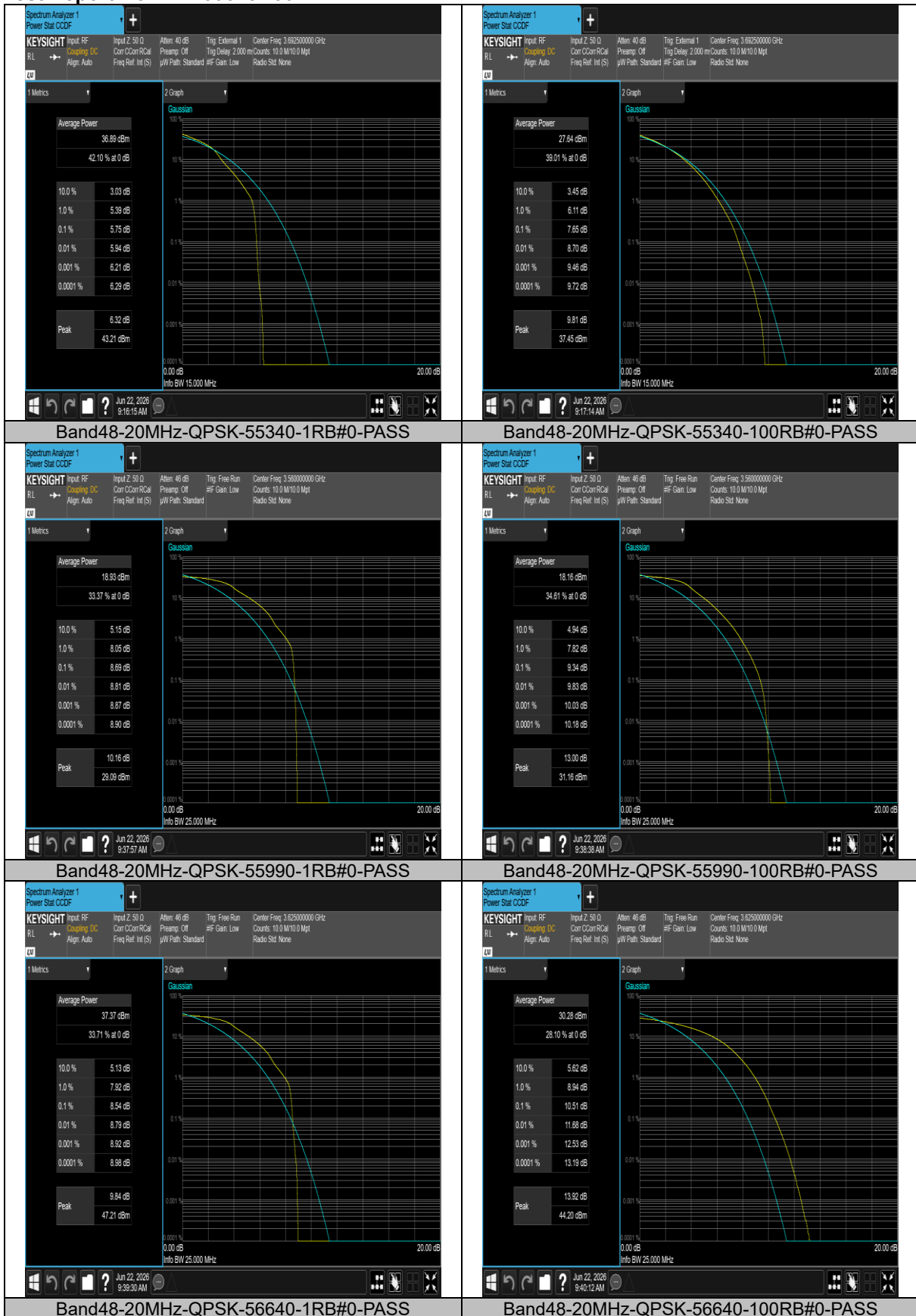
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