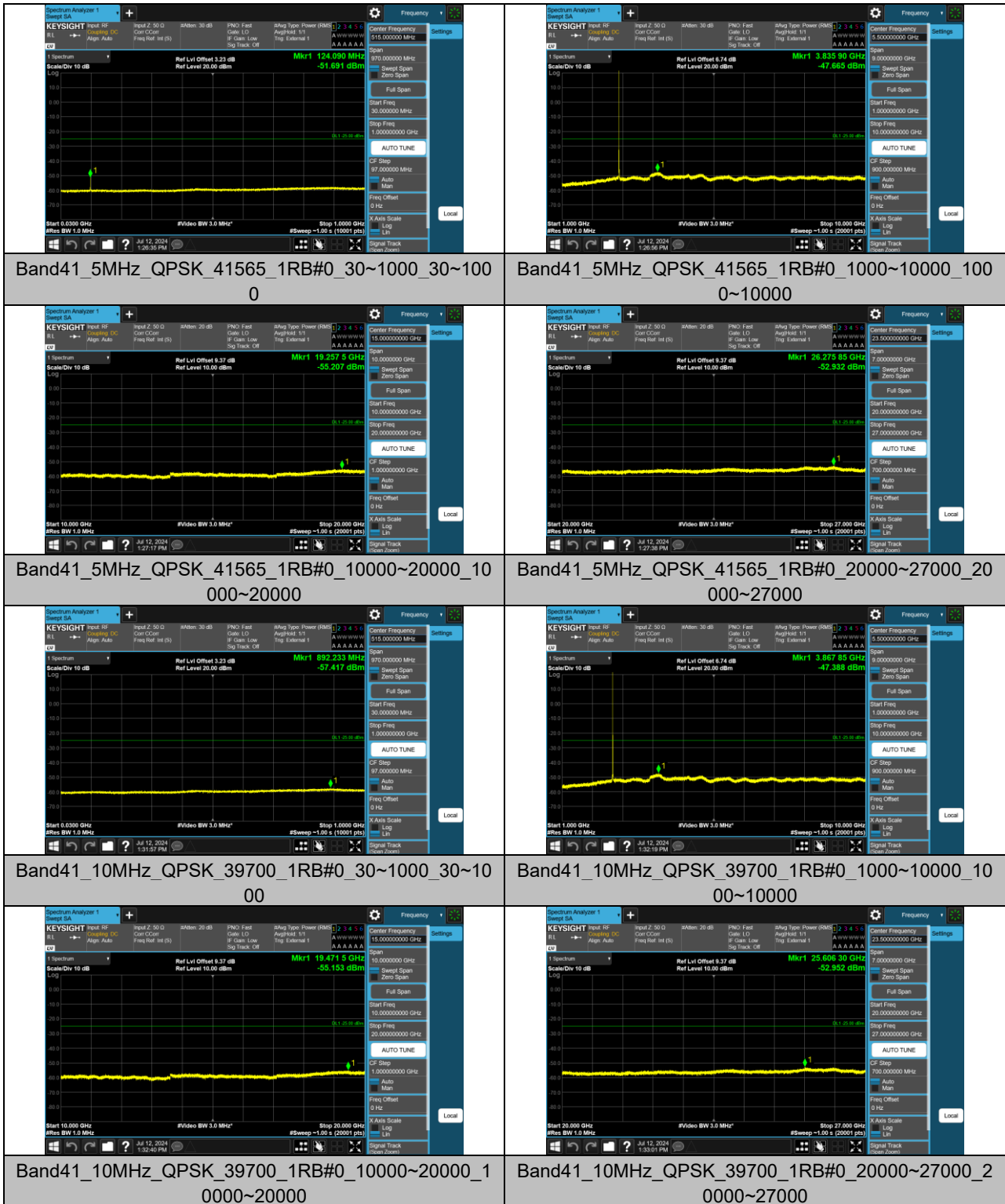
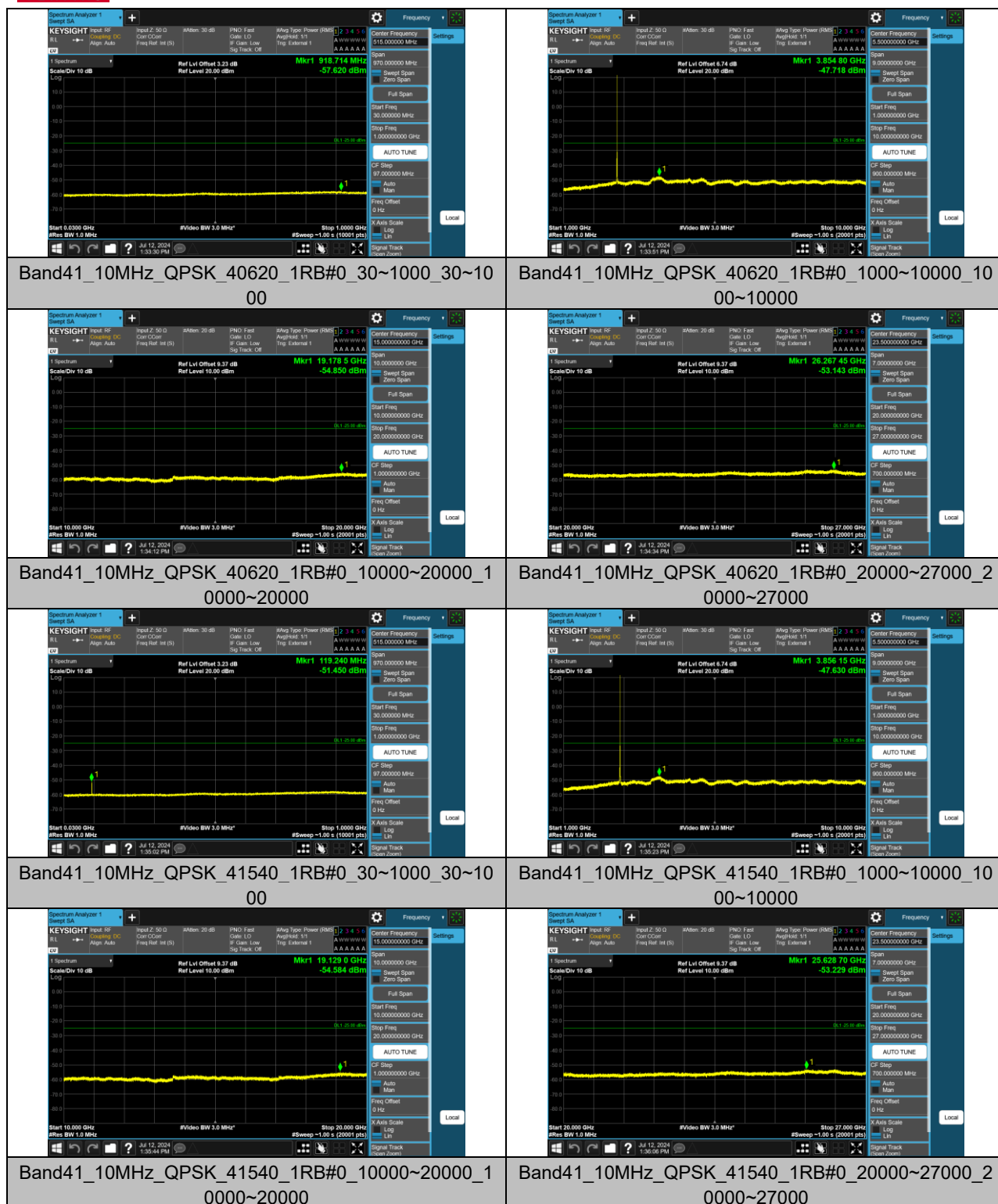
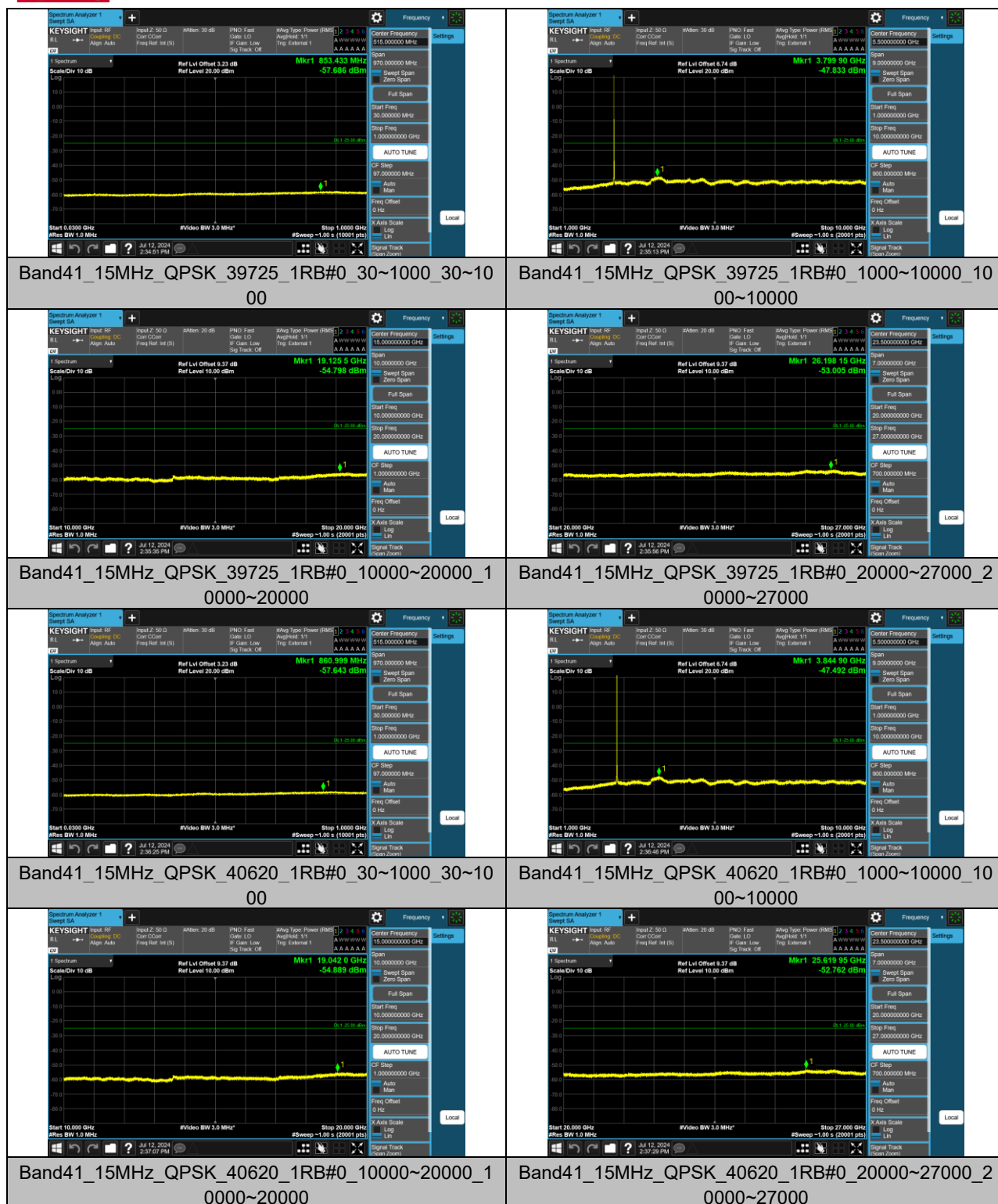


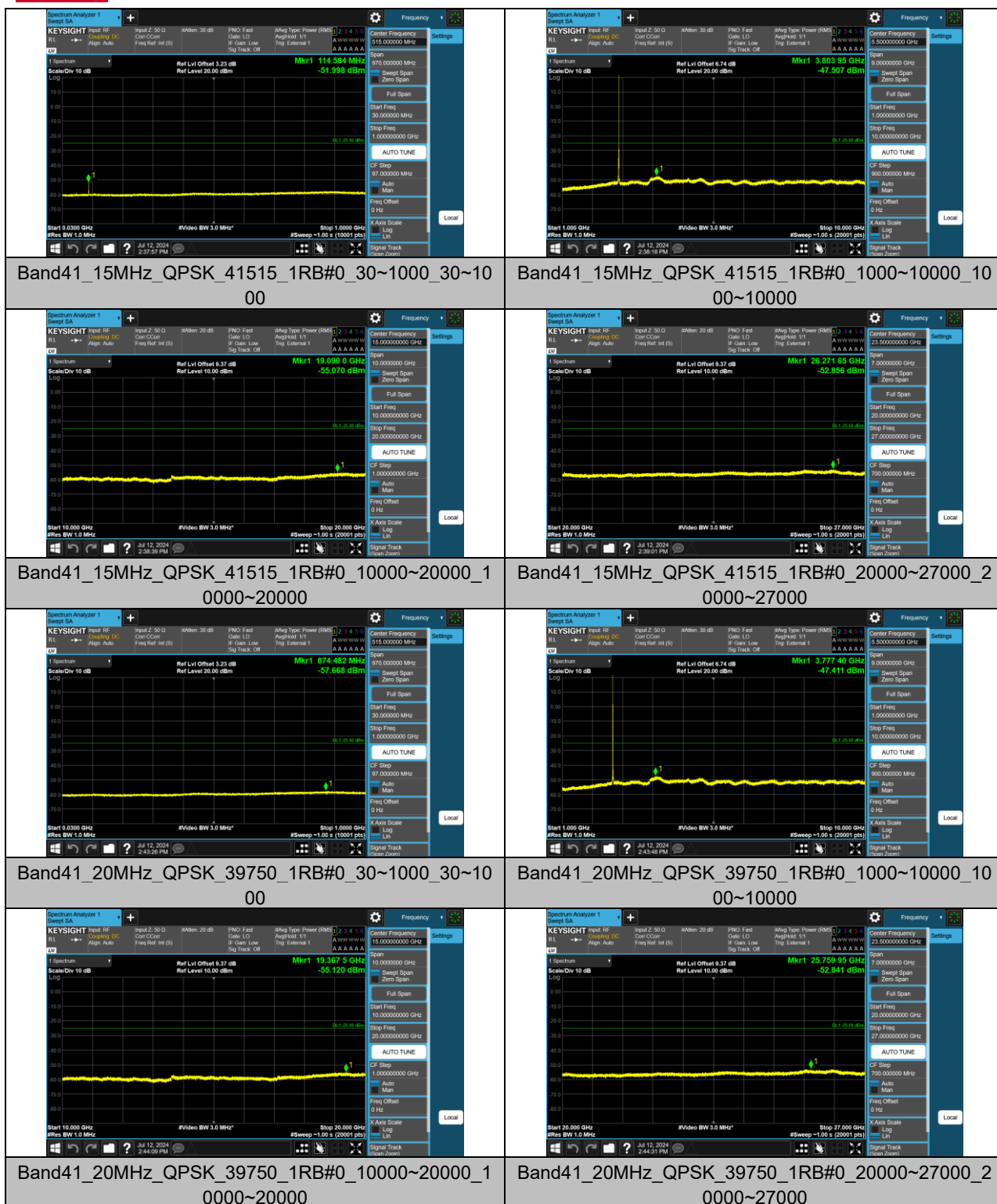


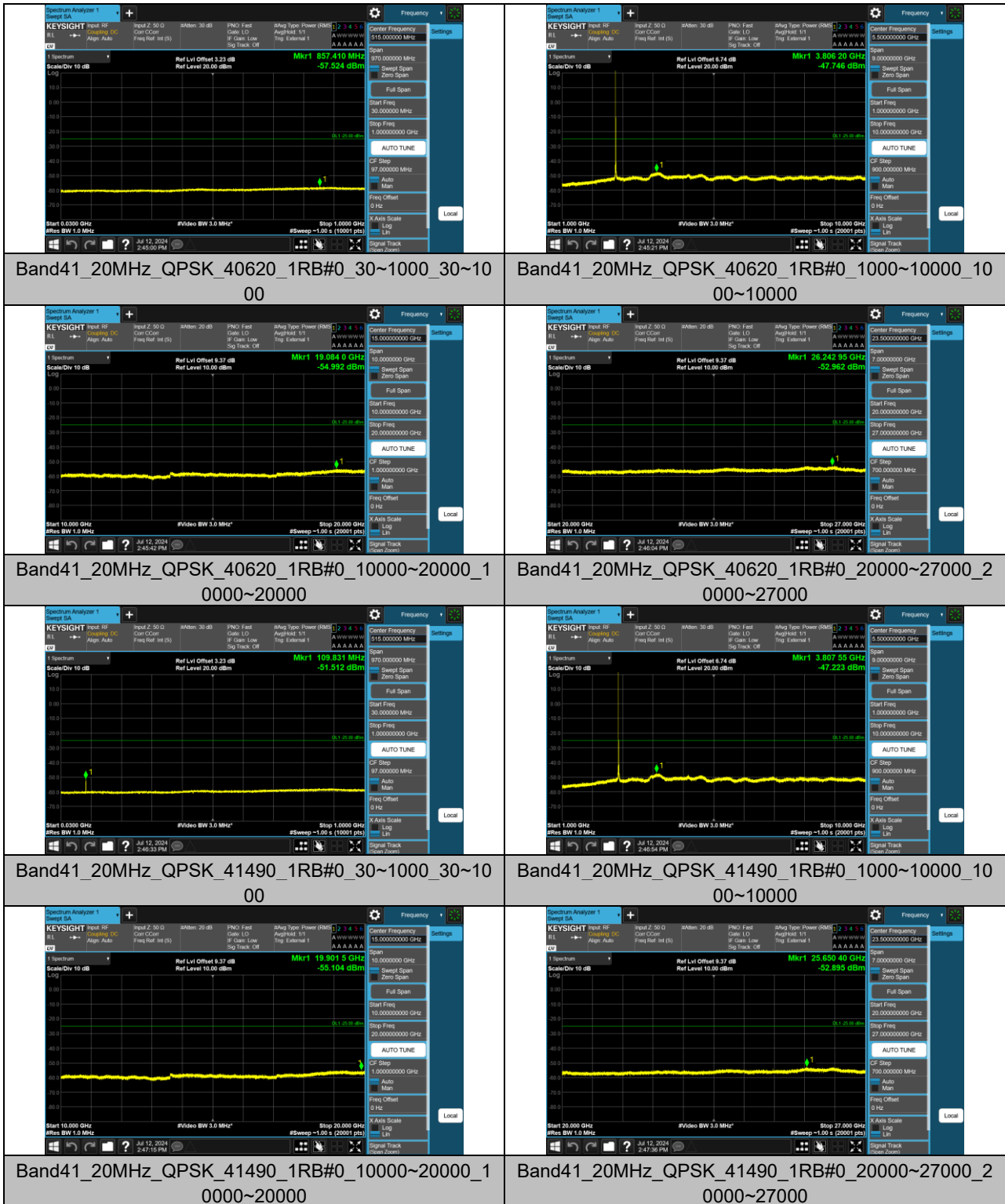




Reference No.: PSU-QSU2509050111RF07







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
Band4 1	10MHz	QPSK	39700	50RB #0	VN	NT	-1022. 51	-0.408 840	2496. 54155	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	VL	NT	1043. 58	0.417 264	2496. 5416	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	VH	NT	-1120. 69	-0.448 096	2496. 5416	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	VN	NT	2710. 00	1.009 311	---	2689. 47146	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	VL	NT	2860. 00	1.065 177	---	2689. 47171	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	VH	NT	2790. 00	1.039 106	---	2689. 47149	2496- 2690	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band4 1	10MHz	QPSK	39700	50RB #0	NV	-30	-948.0 4	-0.379 065	2496. 54155	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	-20	877.6 6	0.350 923	2496. 54174	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	-10	-1029. 67	-0.411 704	2496. 54156	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	0	-741.9 5	-0.296 661	2496. 54174	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	10	583.4 9	0.233 302	2496. 54123	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	20	-561.4 7	-0.224 497	2496. 54105	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	30	578.2 1	0.2311 92	2496. 54181	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	40	523.7 7	0.209 425	2496. 54157	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	39700	50RB #0	NV	50	527.6 0	0.210 957	2496. 54147	---	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	-30	3140. 00	1.169 460	---	2689. 47194	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	-20	2830. 00	1.054 004	---	2689. 47148	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	-10	2790. 00	1.039 106	---	2689. 47139	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	0	2710. 00	1.009 311	---	2689. 47141	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	10	2690. 00	1.001 862	---	2689. 47139	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	20	2690. 00	1.001 862	---	2689. 47129	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	30	3100. 00	1.154 562	---	2689. 4718	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	40	2810. 00	1.046 555	---	2689. 47141	2496- 2690	PASS
Band4 1	10MHz	QPSK	41540	50RB #0	NV	50	2610. 00	0.972 067	---	2689. 47076	2496- 2690	PASS

LTE BAND 42

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	7.70	13	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	9.28	13	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	7.71	13	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	9.54	13	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	7.73	13	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	8.97	13	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	9.66	13	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	10.01	13	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	9.67	13	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	10.24	13	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	9.04	13	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	10.15	13	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	7.68	13	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	9.17	13	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	7.58	13	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	9.26	13	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	7.75	13	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	9.39	13	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	9.50	13	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	10.10	13	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	9.64	13	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	10.10	13	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	9.65	13	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	9.69	13	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	7.56	13	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	9.45	13	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	7.53	13	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	9.37	13	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	7.78	13	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	9.66	13	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	9.59	13	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	10.23	13	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	9.67	13	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	10.22	13	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	9.62	13	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	9.70	13	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	7.47	13	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	8.94	13	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	7.46	13	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	9.11	13	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	7.70	13	PASS

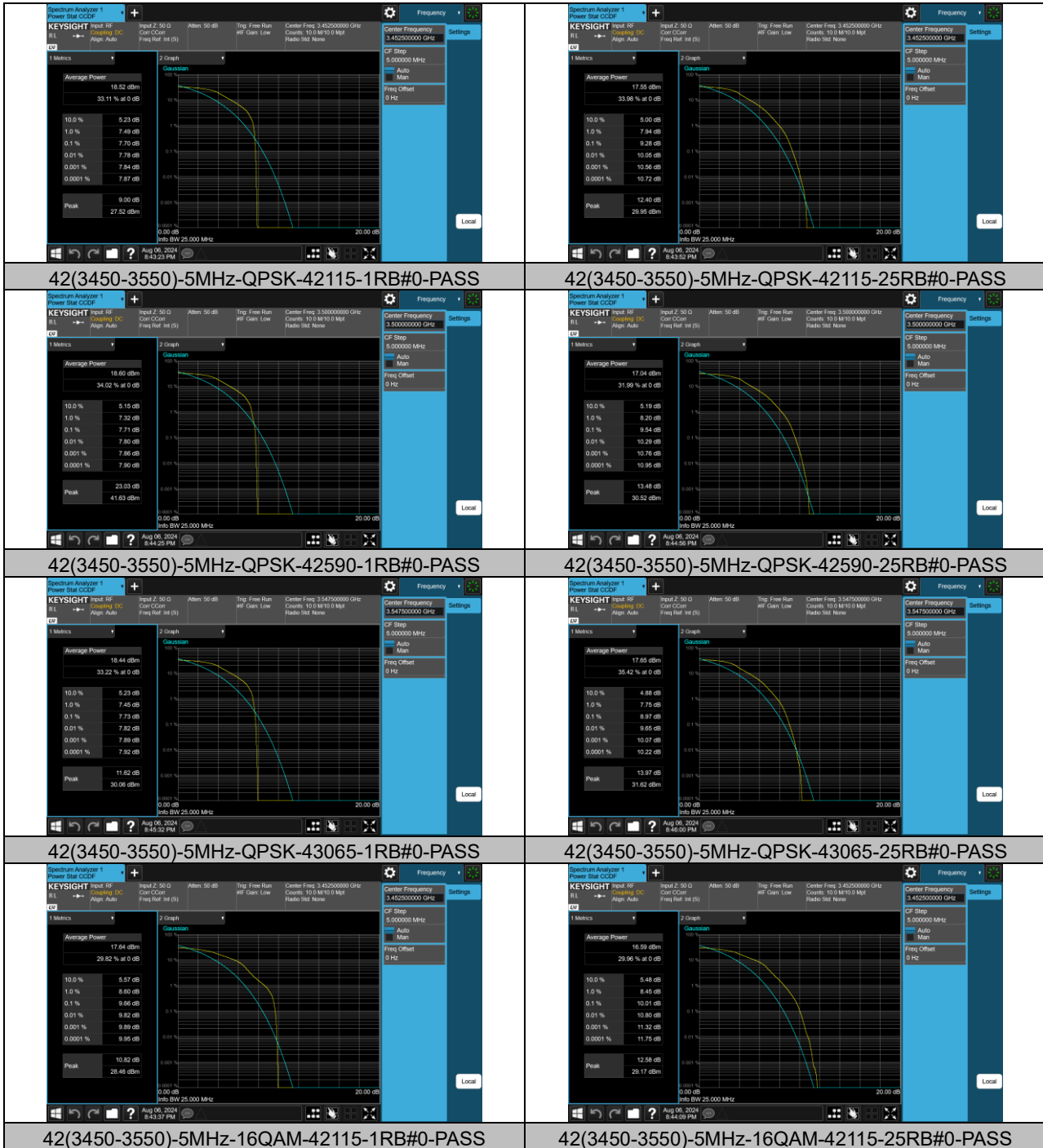


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Reference No.: PSU-QSU2509050111RF07

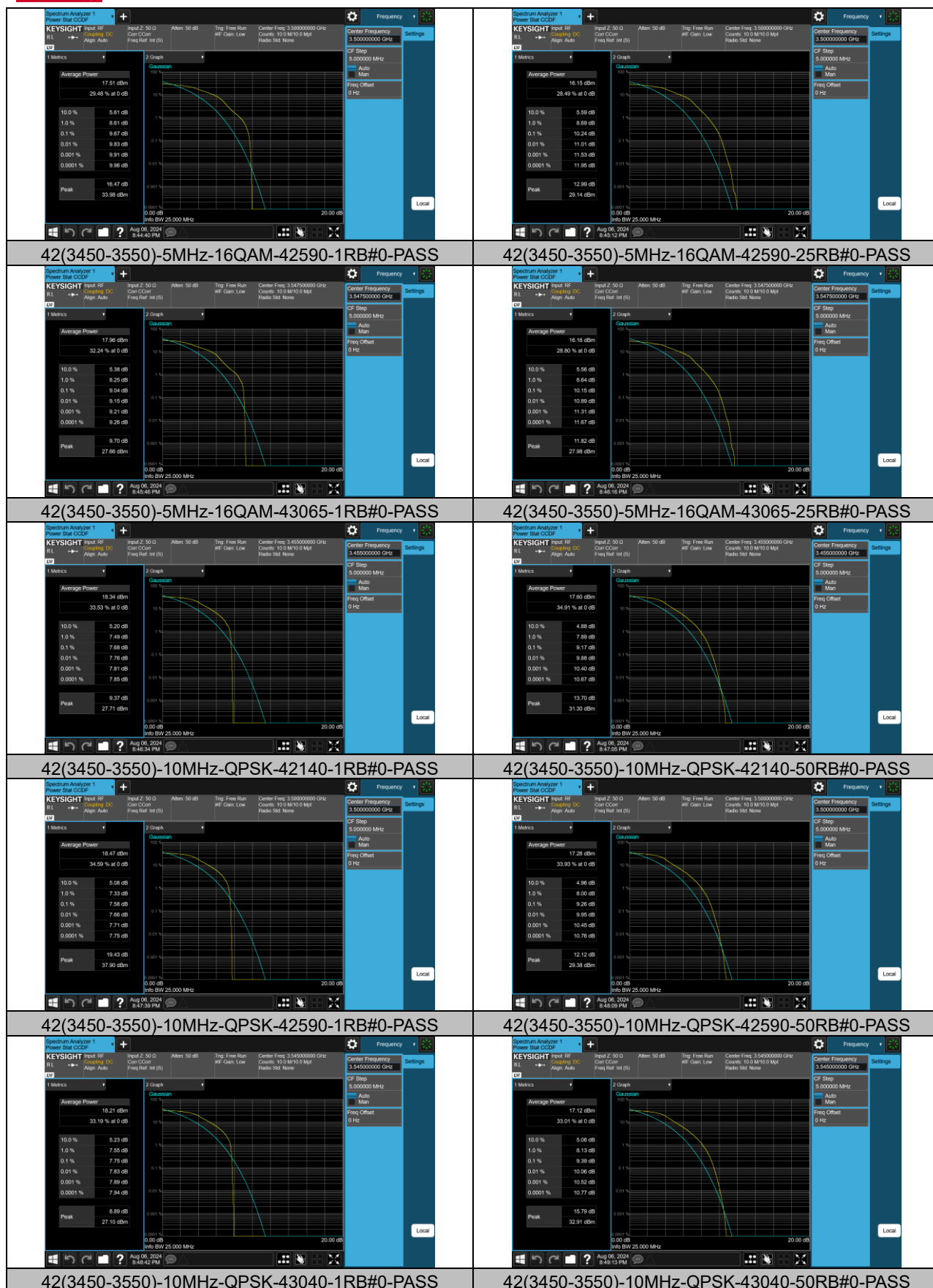
42(3450-3550)	20MHz	QPSK	42990	100RB#0	9.24	13	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	9.78	13	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	10.15	13	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	9.84	13	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	9.91	13	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	9.83	13	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	10.05	13	PASS

TEST GRAPHS





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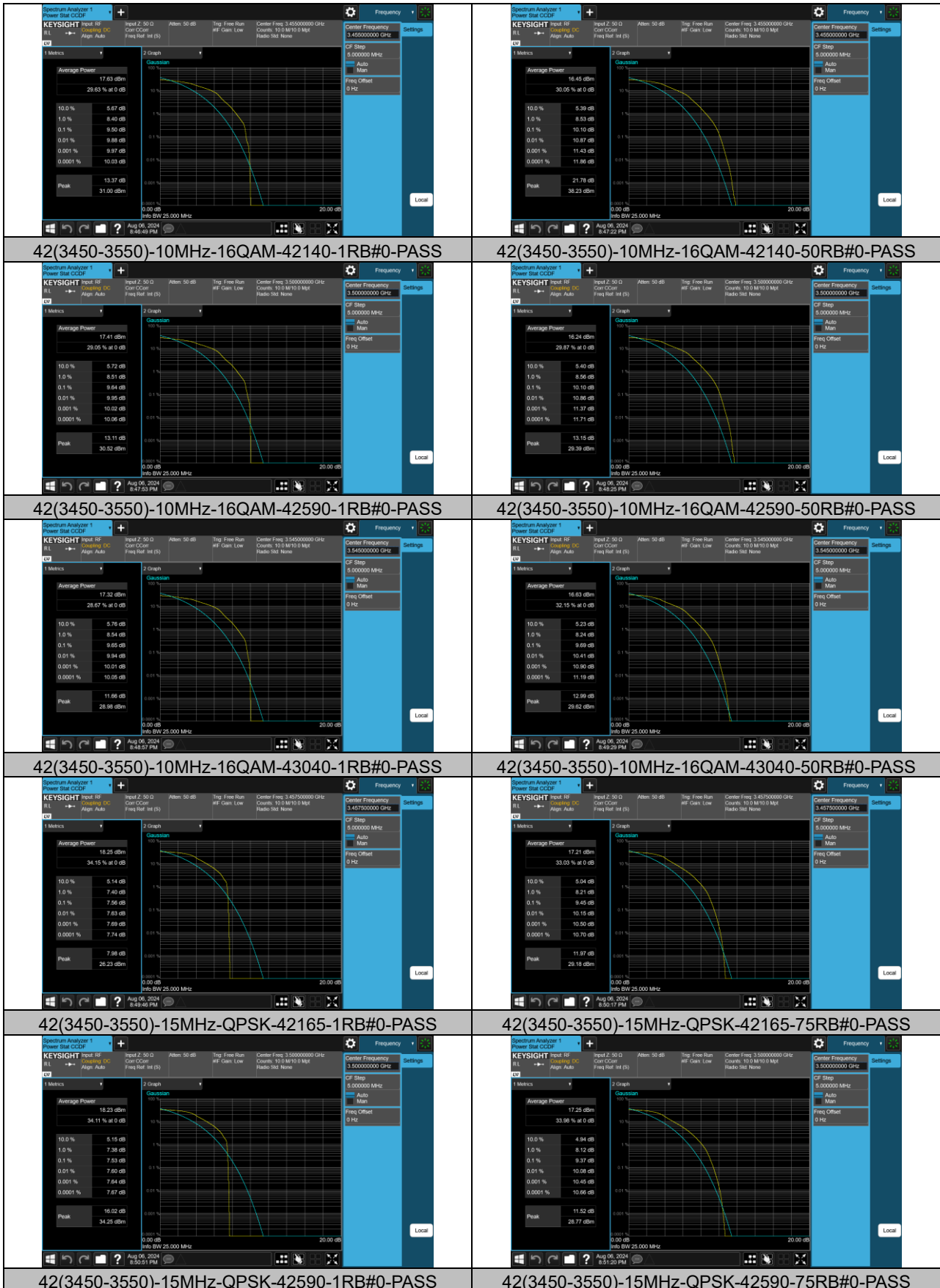
Tower N, Innovation Center, 88 Zuyi Road, High-tech
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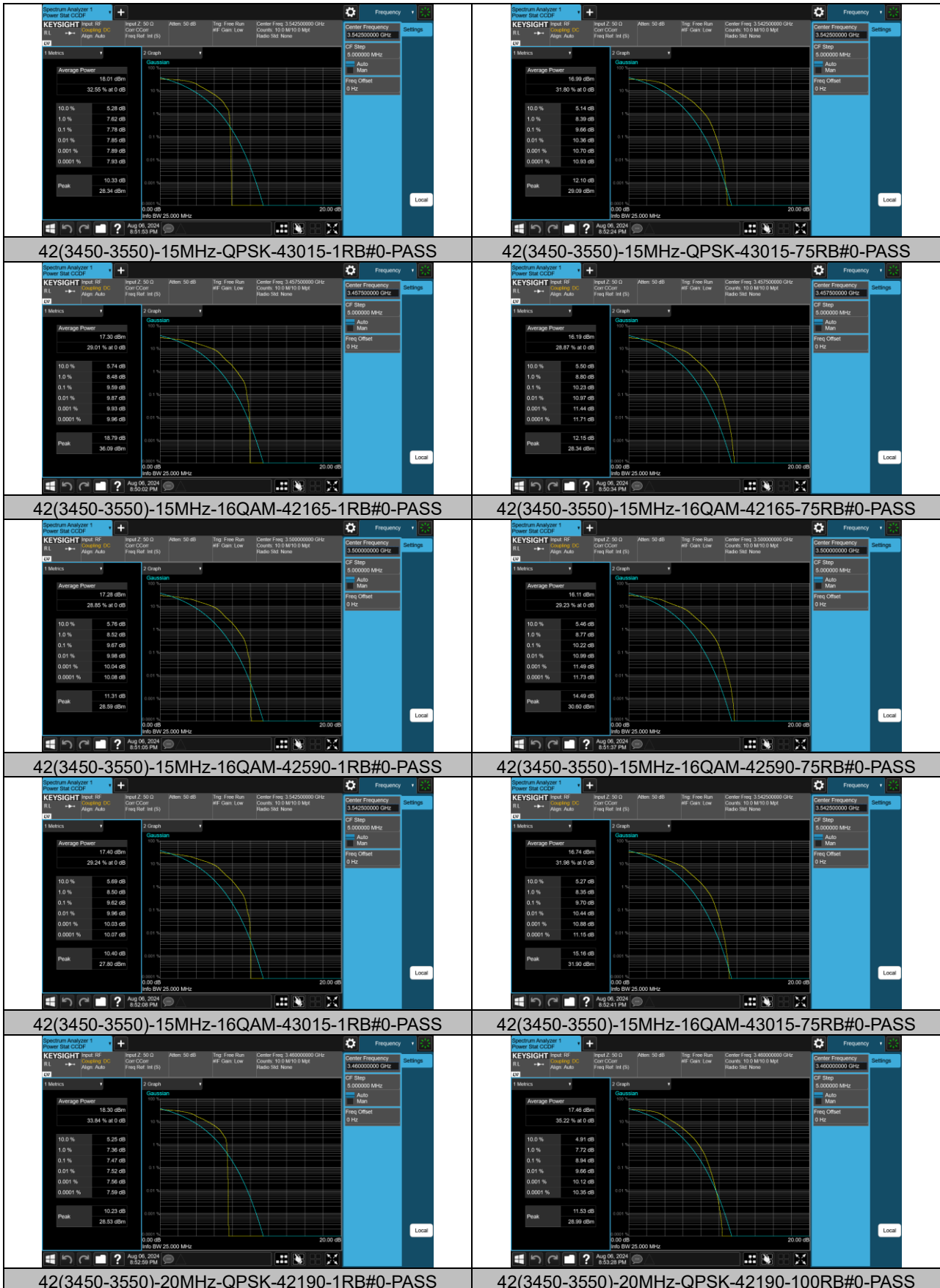
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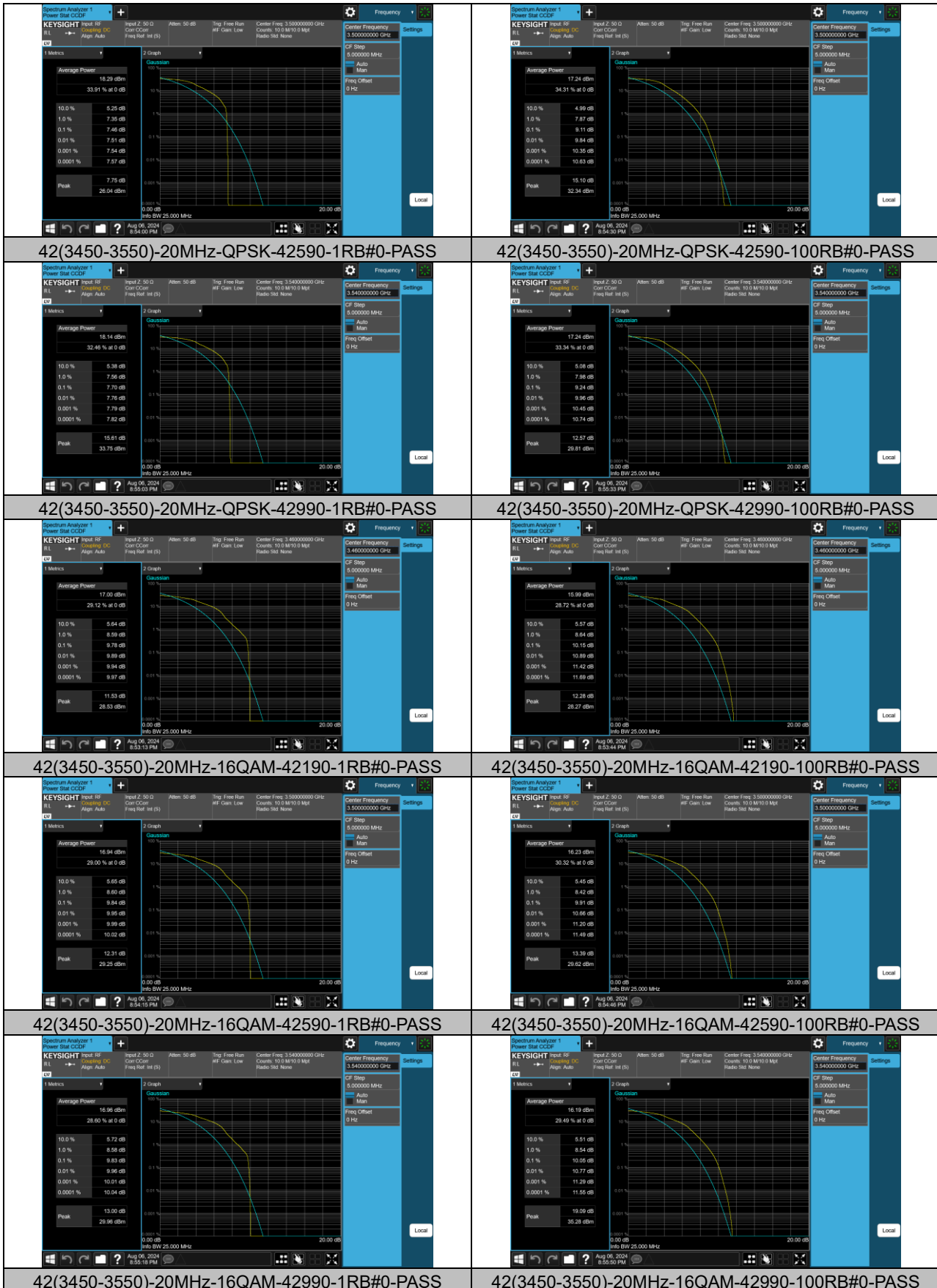
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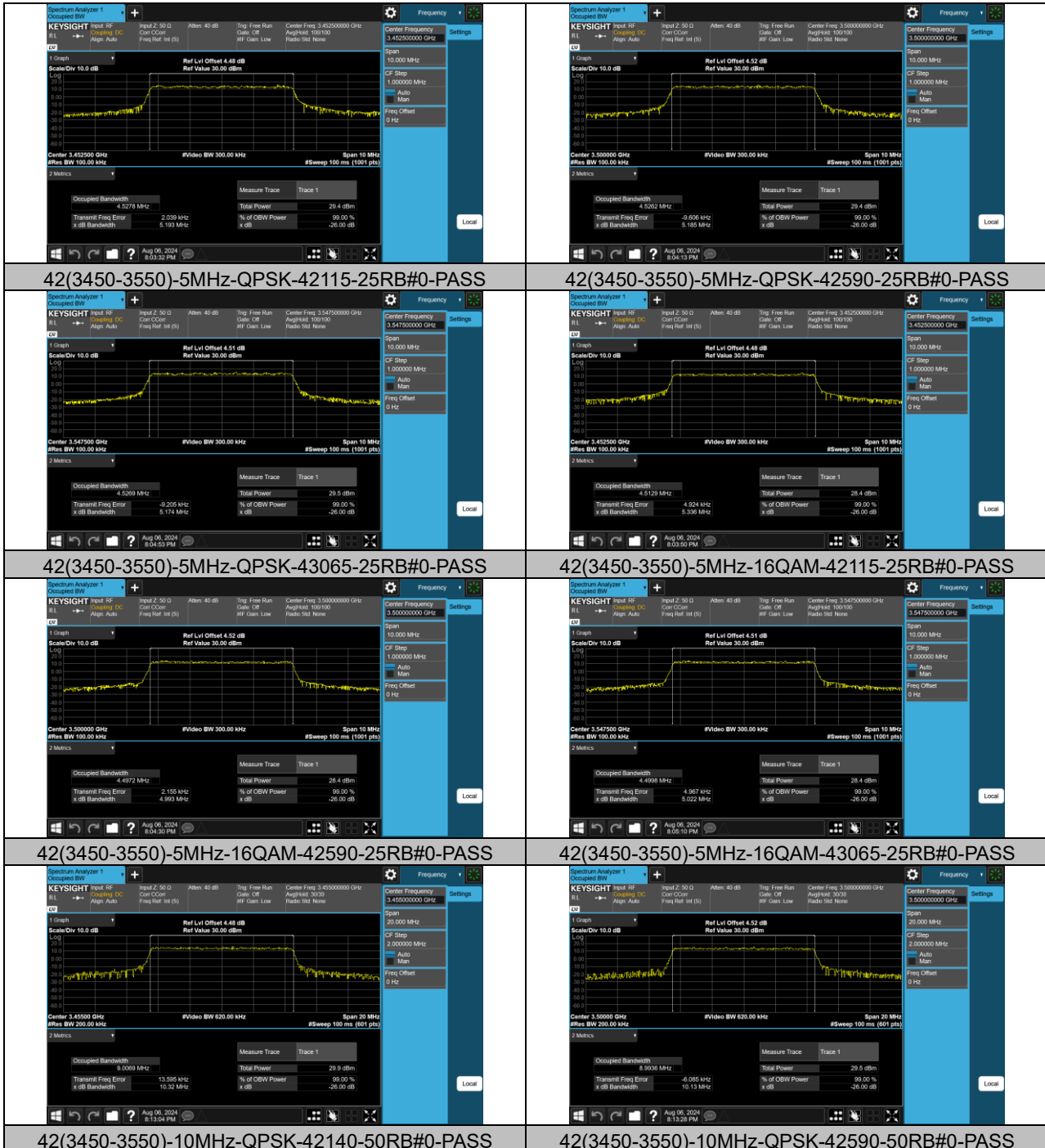
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
42(3450-3550)	5MHz	QPSK	42115	25RB#0	4.5278	5.193	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5262	5.185	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	4.5269	5.174	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	4.5129	5.336	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	4.4972	4.993	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	4.4998	5.022	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	9.0069	10.32	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	8.9936	10.13	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9901	10.13	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	8.9805	10.31	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	8.9846	10.25	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	8.9765	10.41	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.504	15.89	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.492	16.11	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.494	16.11	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	13.499	15.06	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	13.483	14.89	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	13.506	14.72	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	17.987	19.84	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	18.012	20.17	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.992	19.80	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	17.925	19.81	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	17.926	19.79	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	17.962	19.49	PASS

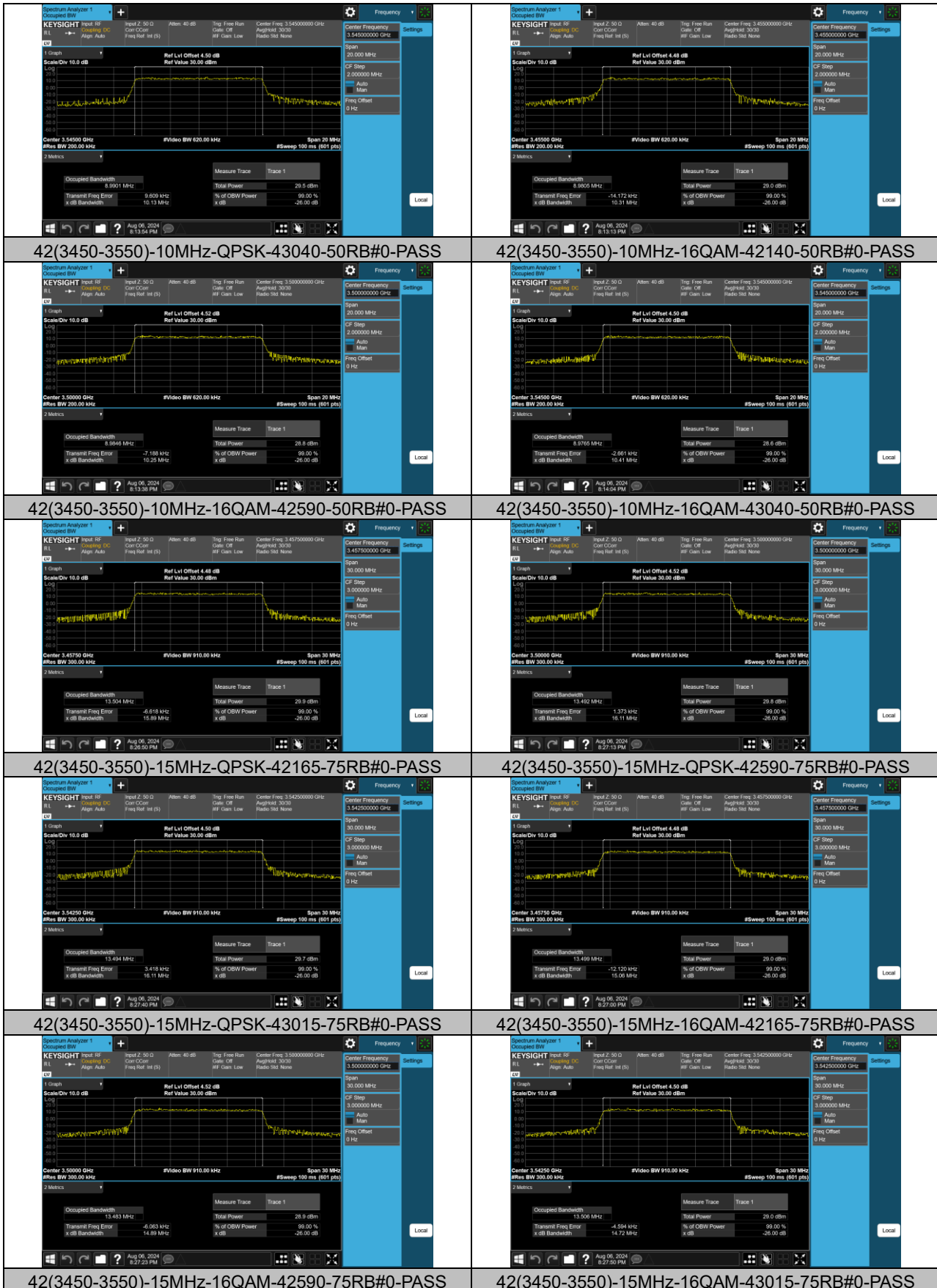
TEST GRAPHS





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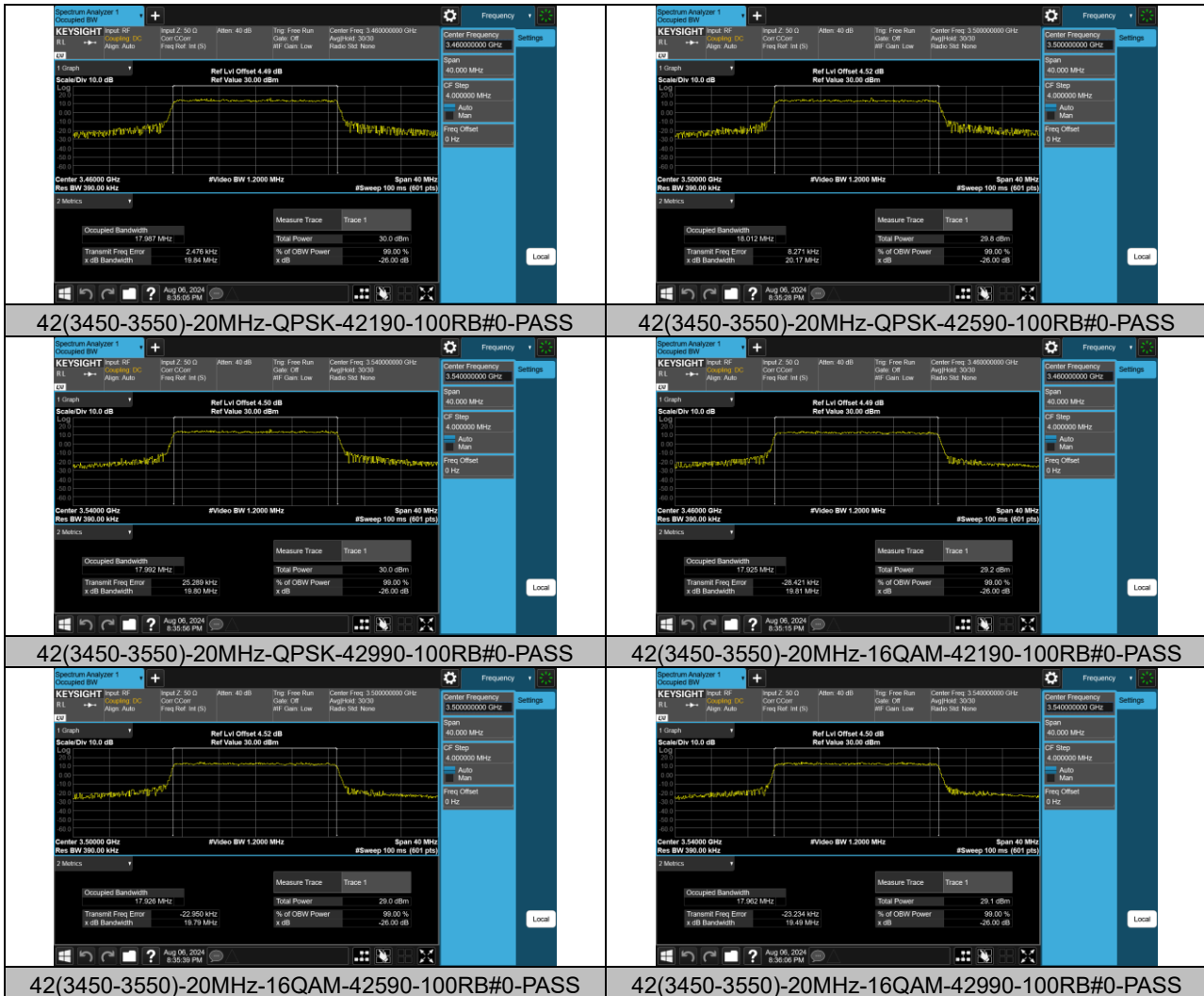
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BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	-19.81	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	-25.82	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	-24.82	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#24	-16.59	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	-23.65	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	-26.76	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	-25.54	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#24	-21.49	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	-31.35	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	-29.37	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	-27.49	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#49	-31.05	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	-32.44	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	-29.39	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	-27.42	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#49	-32.87	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	-34.09	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	-27.68	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	-25.32	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#74	-33.12	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	-34.88	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	-27.99	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	-25.94	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#74	-35.05	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	-36.55	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	-29.86	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	-28.84	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#99	-36.78	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	-37.85	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	-31.03	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	-28.91	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#99	-36.50	PASS

TEST GRAPHS

