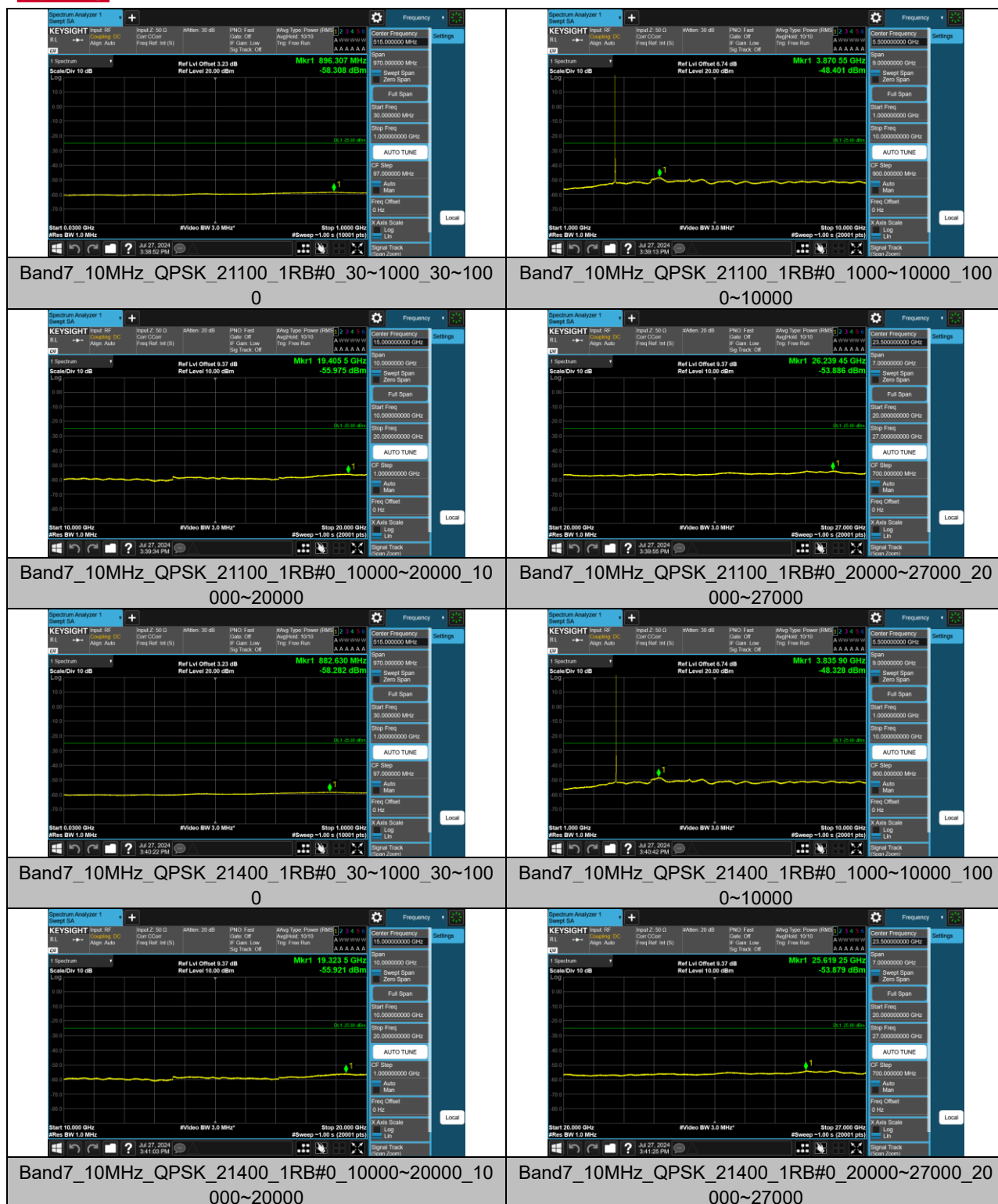
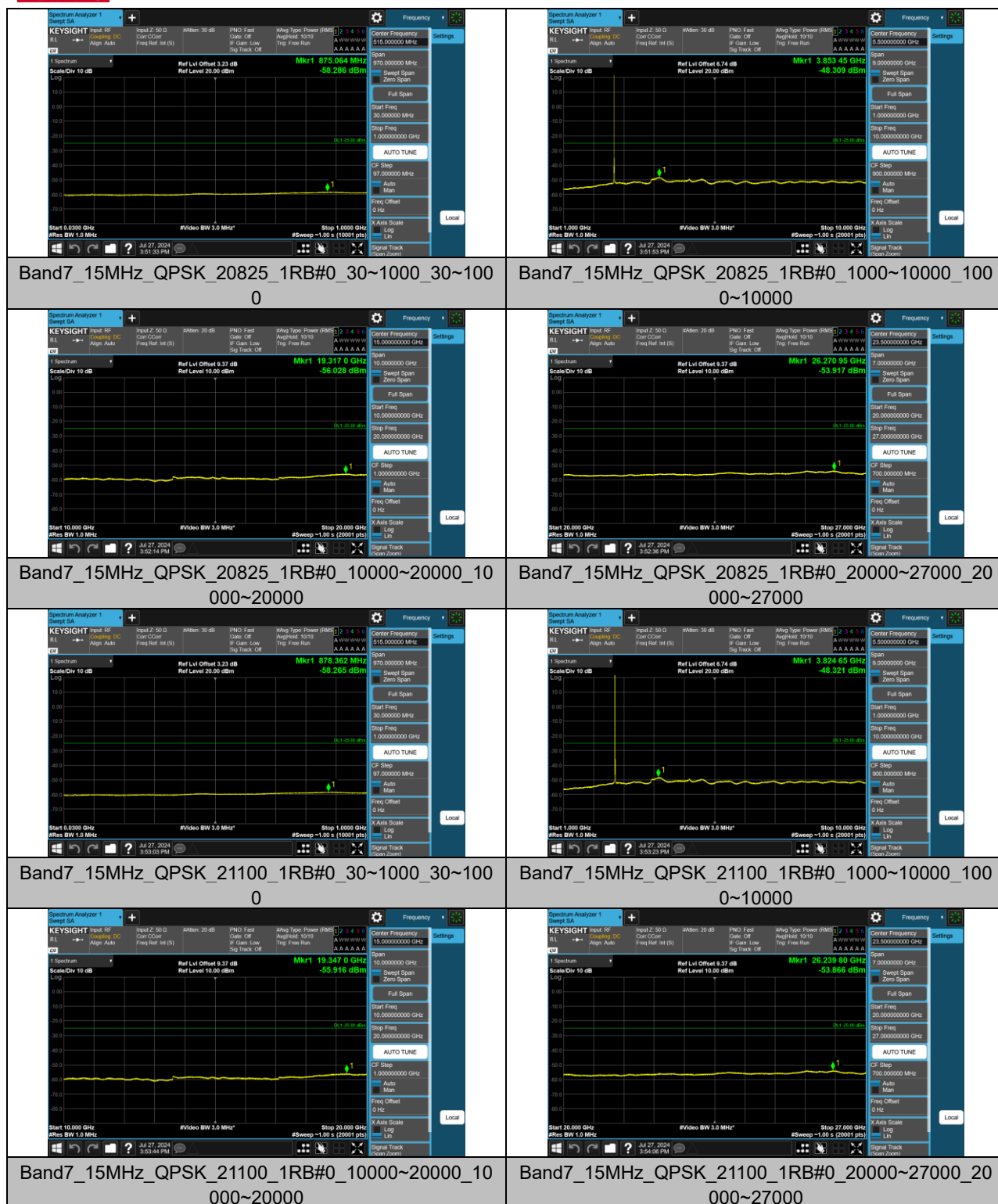
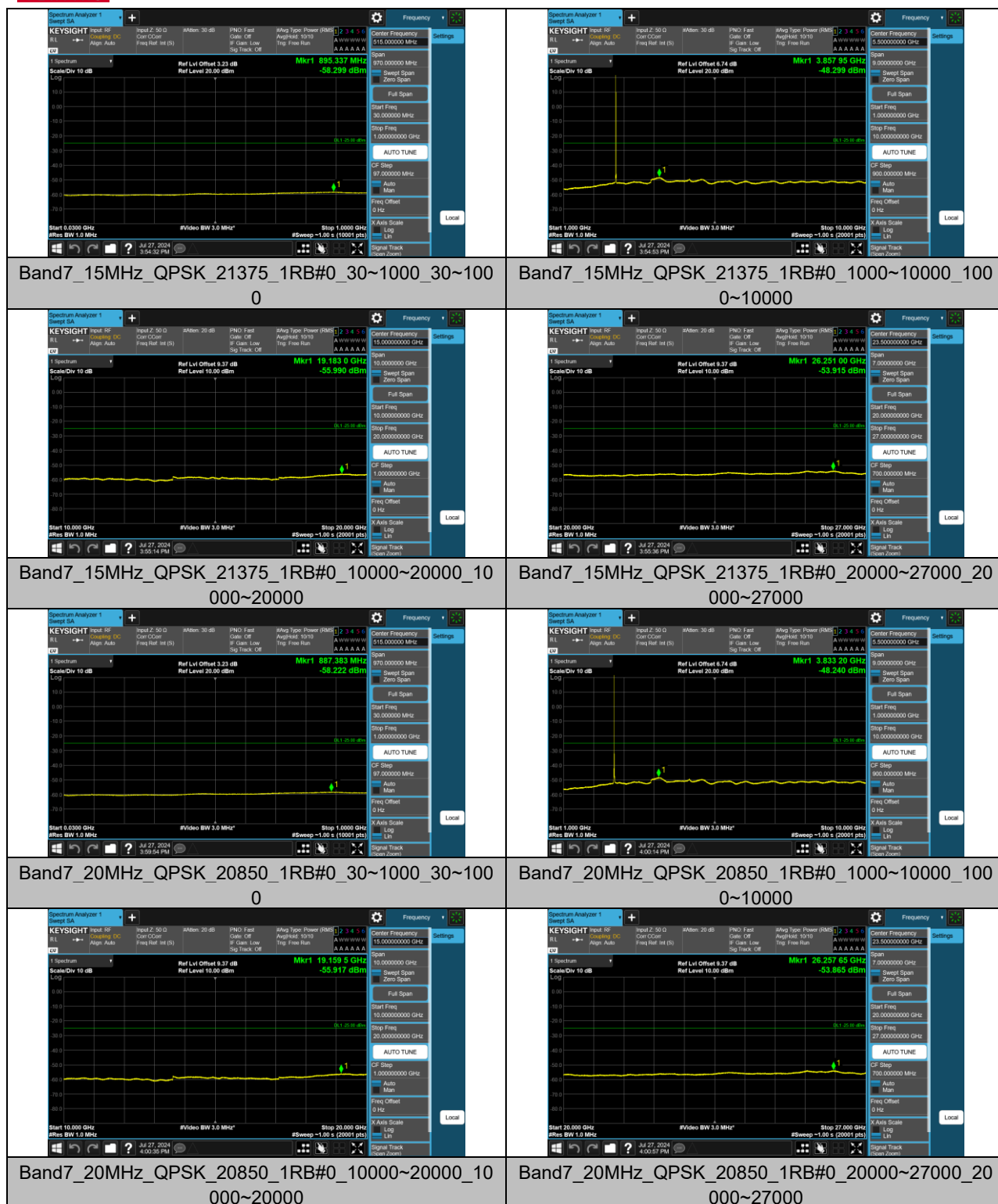


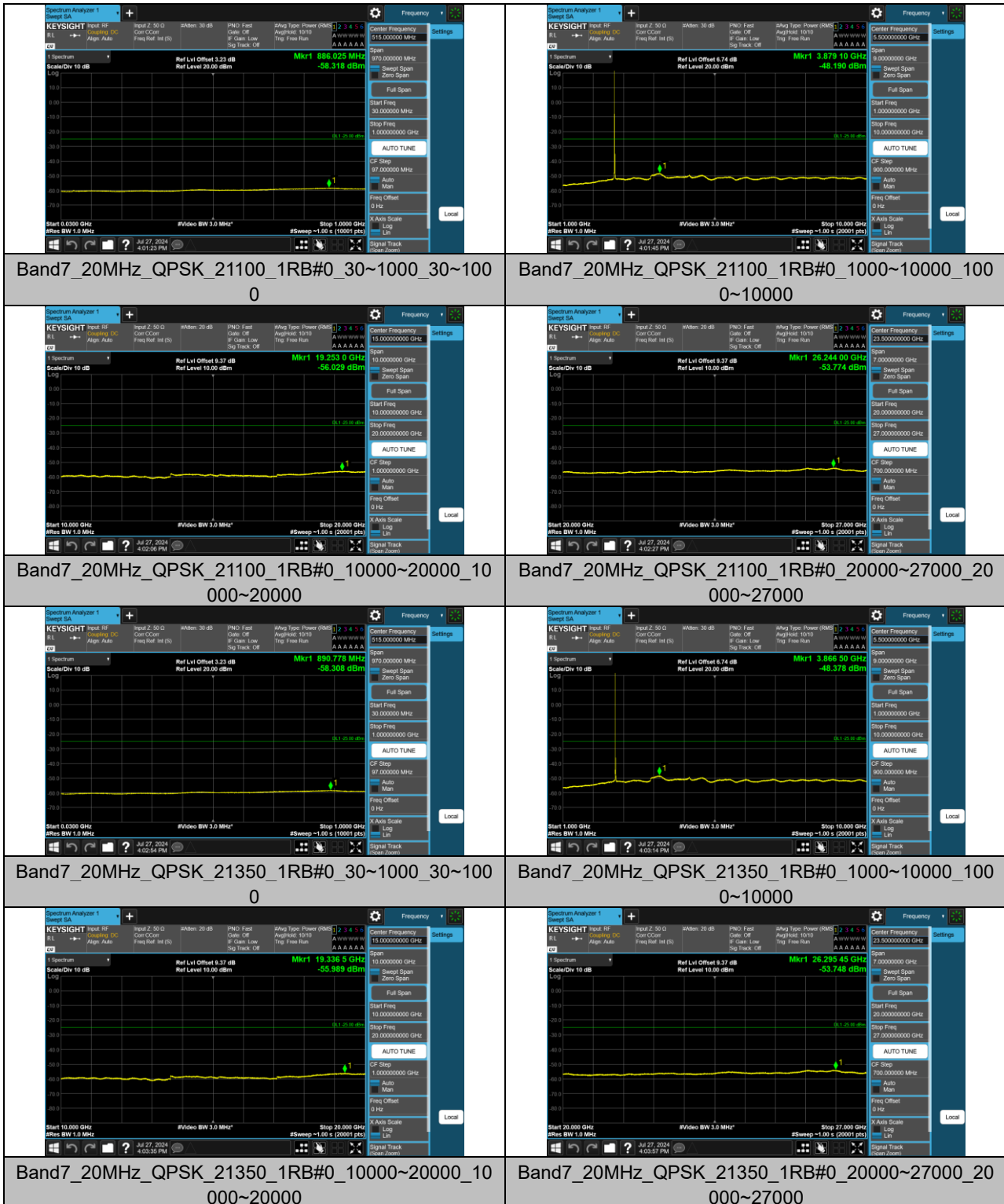


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FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB #0	VN	NT	-1217.63	-0.486080	2500.55007	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	VL	NT	1069.52	0.426955	2500.5424	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	VH	NT	-1238.22	-0.494299	2500.54619	---	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VN	NT	-1240.00	-0.483431	---	2569.47061	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VL	NT	-3900.00	-1.520468	---	2569.46985	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VH	NT	-2140.00	-0.834308	---	2569.47326	2500-2570	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB #0	NV	-30	-1103.76	-0.440622	2500.54131	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	-20	1176.70	0.469739	2500.53991	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	-10	-1351.58	-0.539555	2500.54451	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	0	-1379.53	-0.550711	2500.54433	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	10	1238.96	0.494593	2500.54657	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	20	-1372.11	-0.547750	2500.54201	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	30	1331.96	0.531721	2500.54276	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	40	1334.16	0.532600	2500.54854	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	50	-1473.01	-0.588027	2500.55144	---	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-30	-5440.00	-2.120858	---	2569.46661	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-20	-2380.00	-0.927875	---	2569.47462	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-10	-4340.00	-1.692008	---	2569.46826	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	0	-1190.00	-0.463938	---	2569.47431	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	10	-3740.00	-1.458090	---	2569.47091	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	20	-4340.00	-1.692008	---	2569.46796	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	30	-2300.00	-0.896686	---	2569.4731	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	40	-5520.00	-2.152047	---	2569.46773	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	50	-3520.00	-1.372320	---	2569.47373	2500-2570	PASS

LTE BAND 12

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.82	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.07	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.92	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.48	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.89	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.47	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.06	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.02	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.90	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.35	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.91	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.31	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.71	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.01	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.70	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.29	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.65	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.91	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.59	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.95	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.74	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.13	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.57	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.70	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.89	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.63	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.35	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.65	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.88	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.86	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.78	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.03	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.75	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.77	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.63	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.35	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.65	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.31	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.70	13	PASS

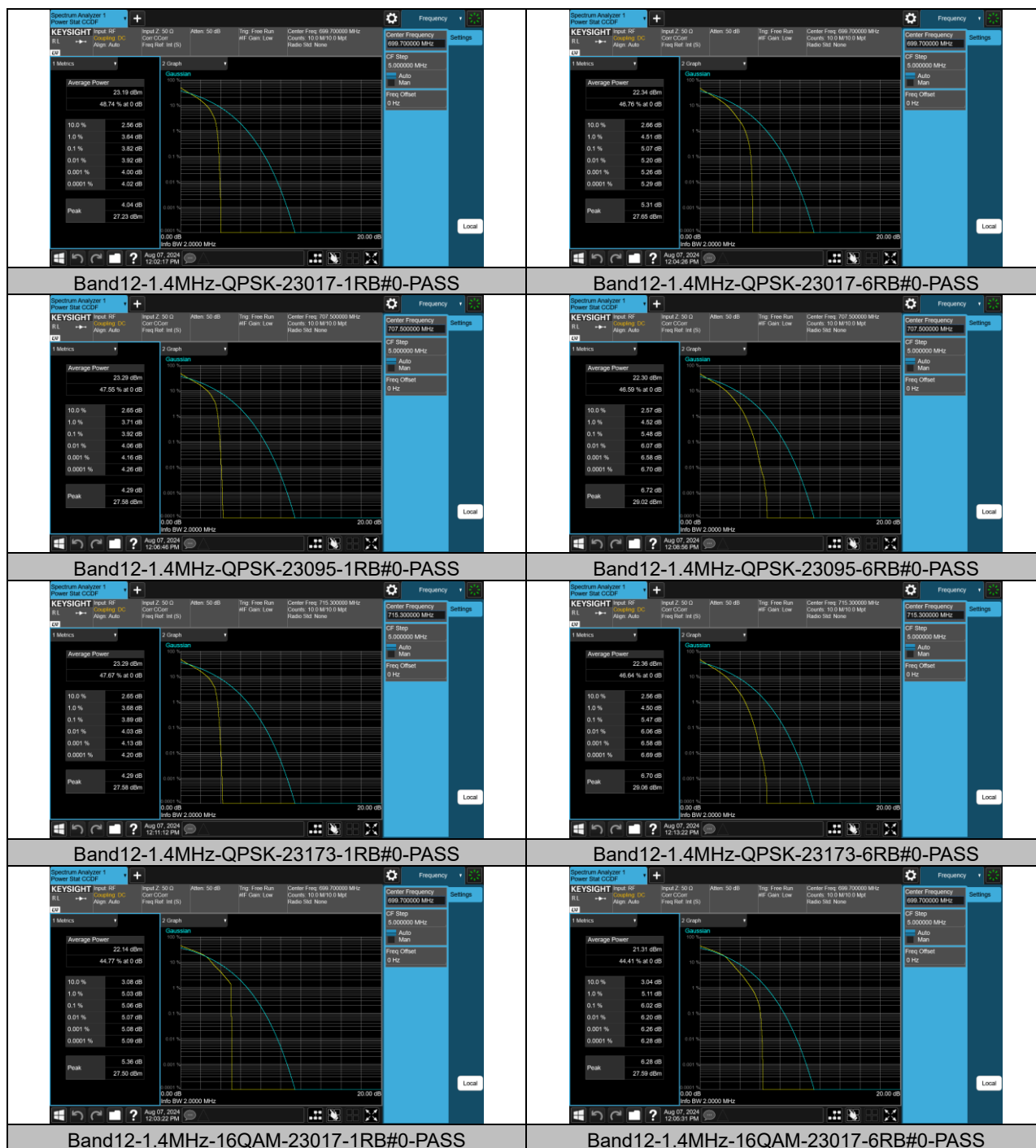


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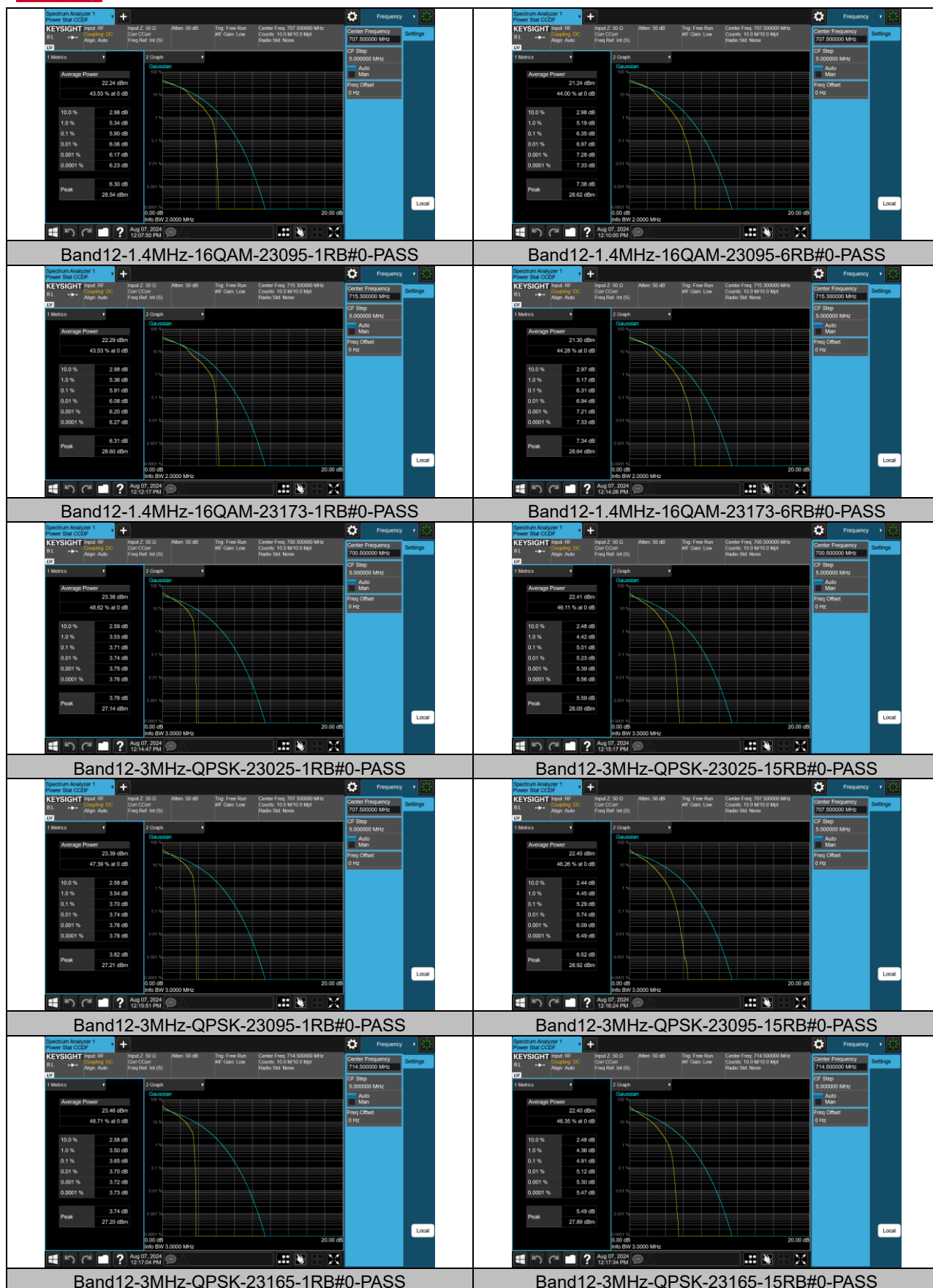
Band12	10MHz	QPSK	23130	50RB#0	4.63	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.08	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.59	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.56	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.58	13	PASS

TEST GRAPHS





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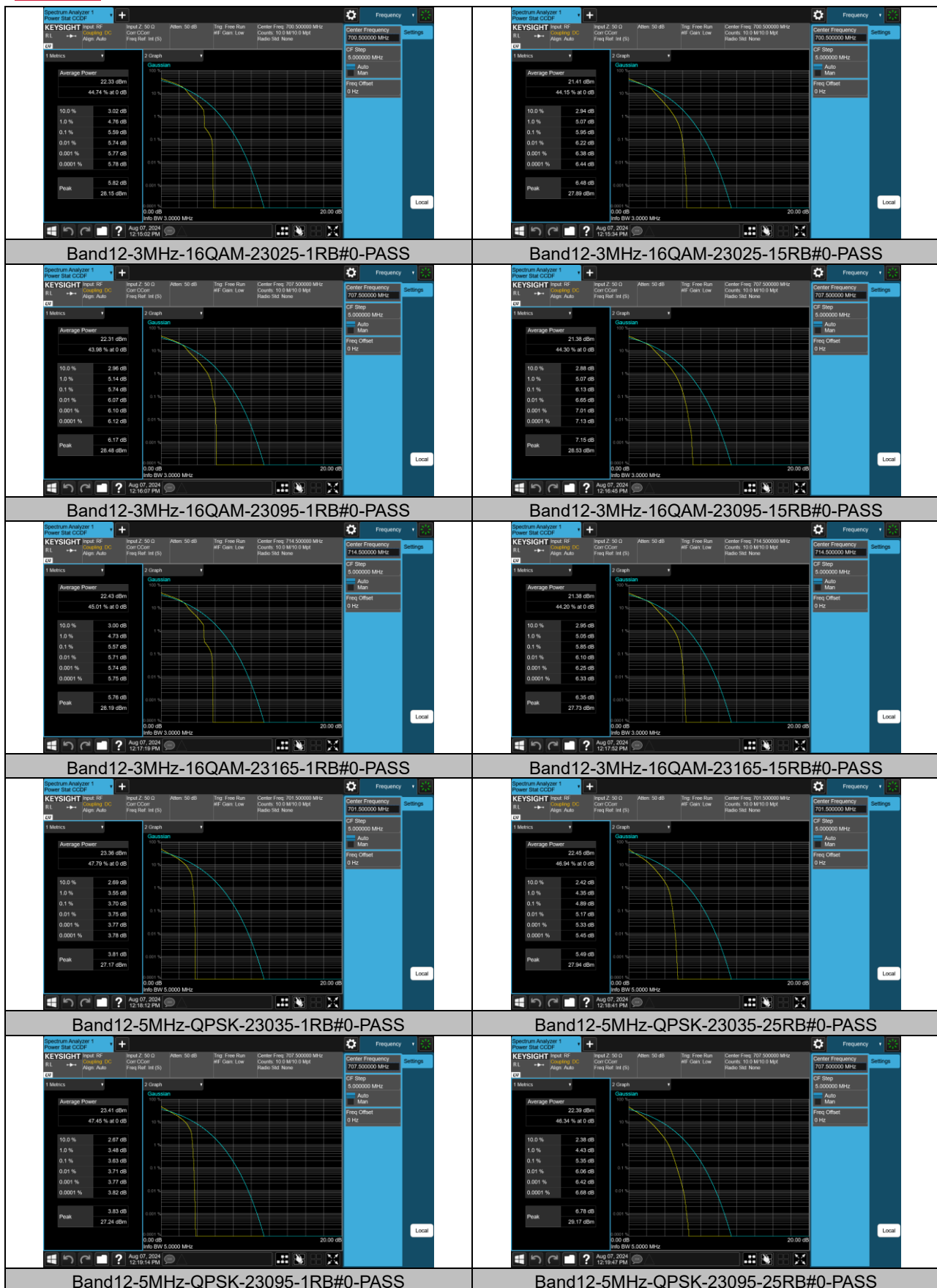
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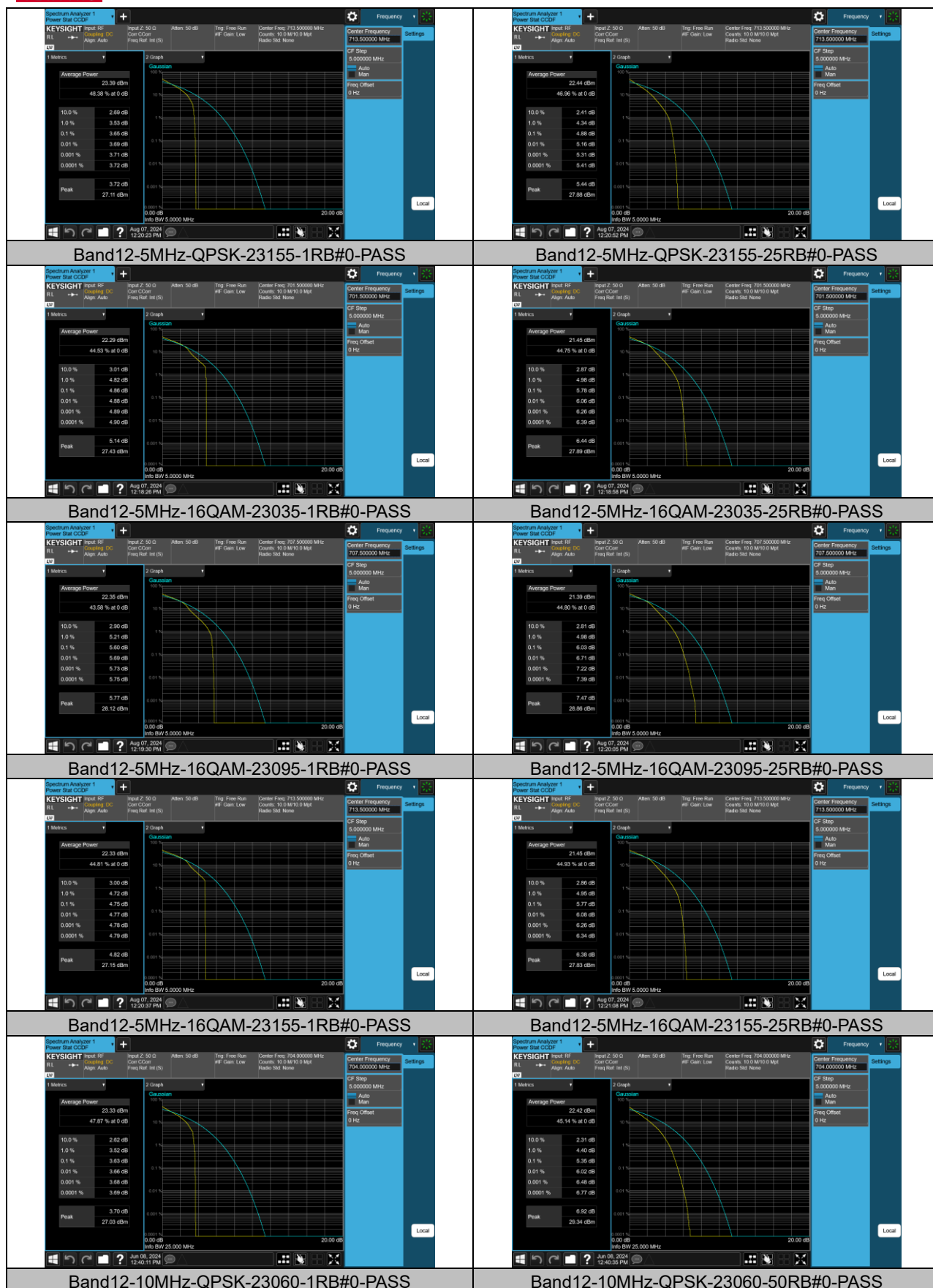
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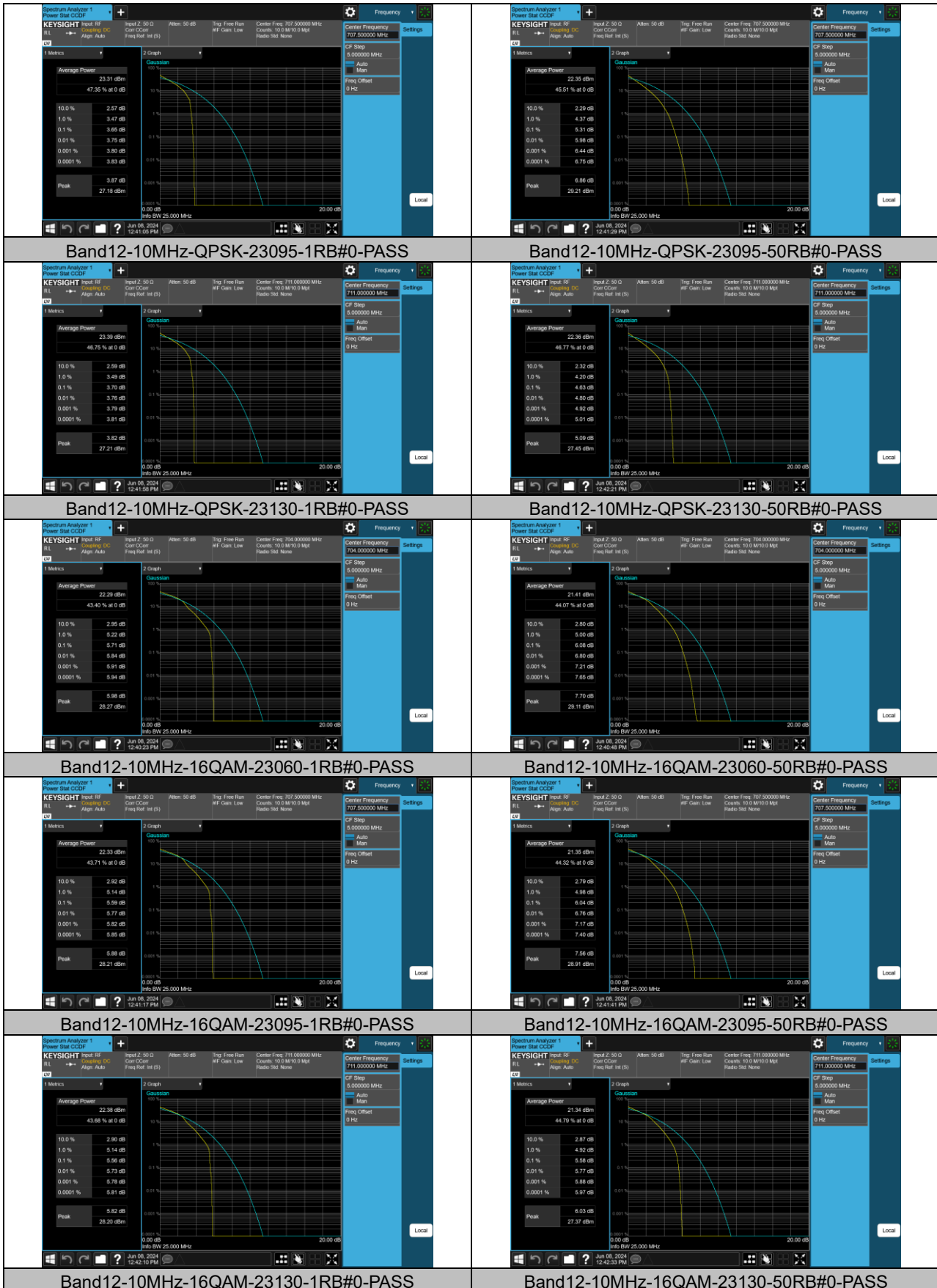
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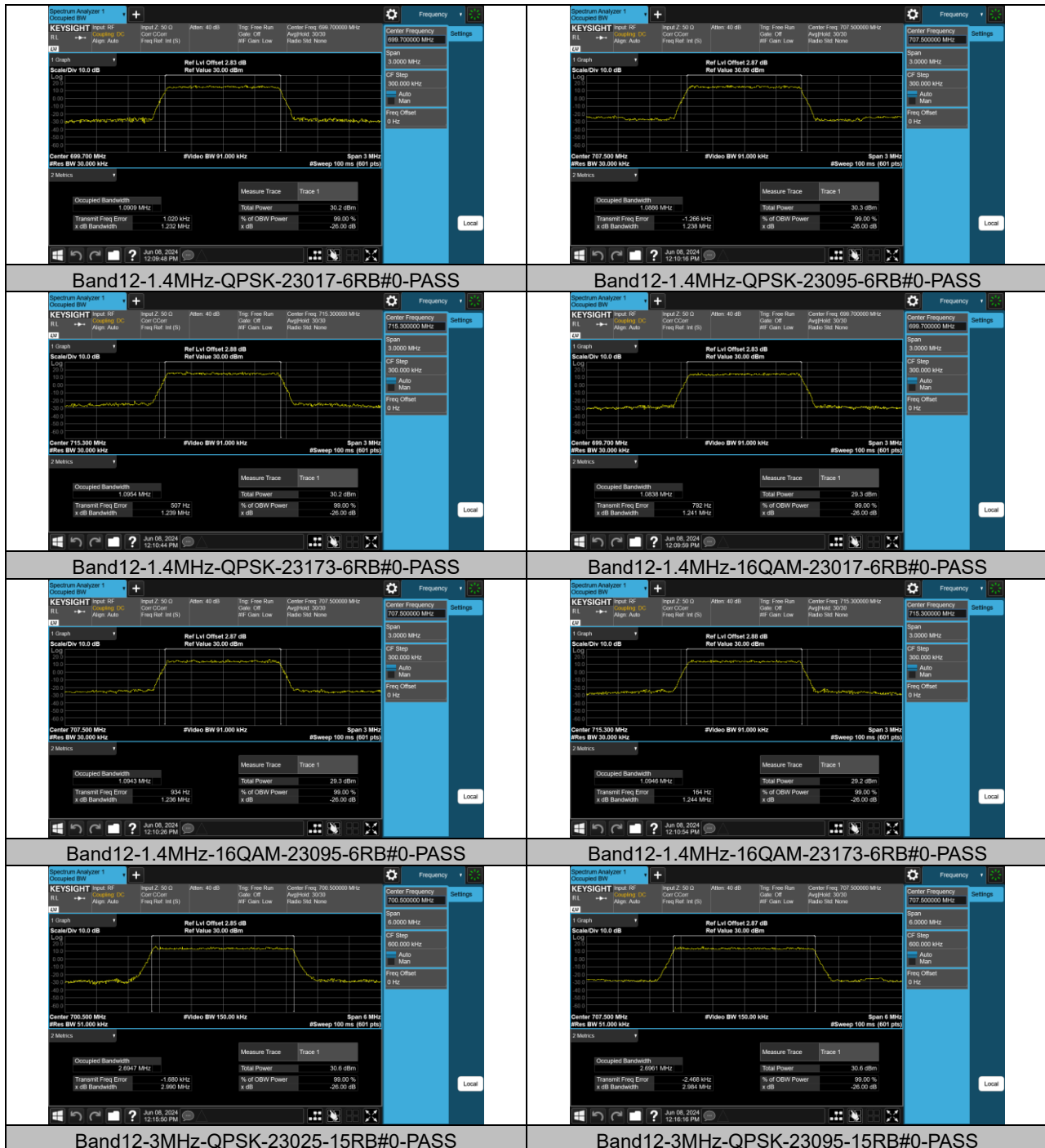
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0909	1.232	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0886	1.238	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0954	1.239	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0838	1.241	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0943	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0946	1.244	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6947	2.990	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6961	2.984	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6914	2.976	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6943	2.985	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6989	2.990	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7015	3.014	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5195	5.011	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5217	5.015	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5154	4.999	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5086	4.995	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5085	5.009	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5070	4.992	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9987	9.905	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0032	9.900	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9826	9.832	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9781	9.832	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9948	9.824	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9731	9.807	PASS

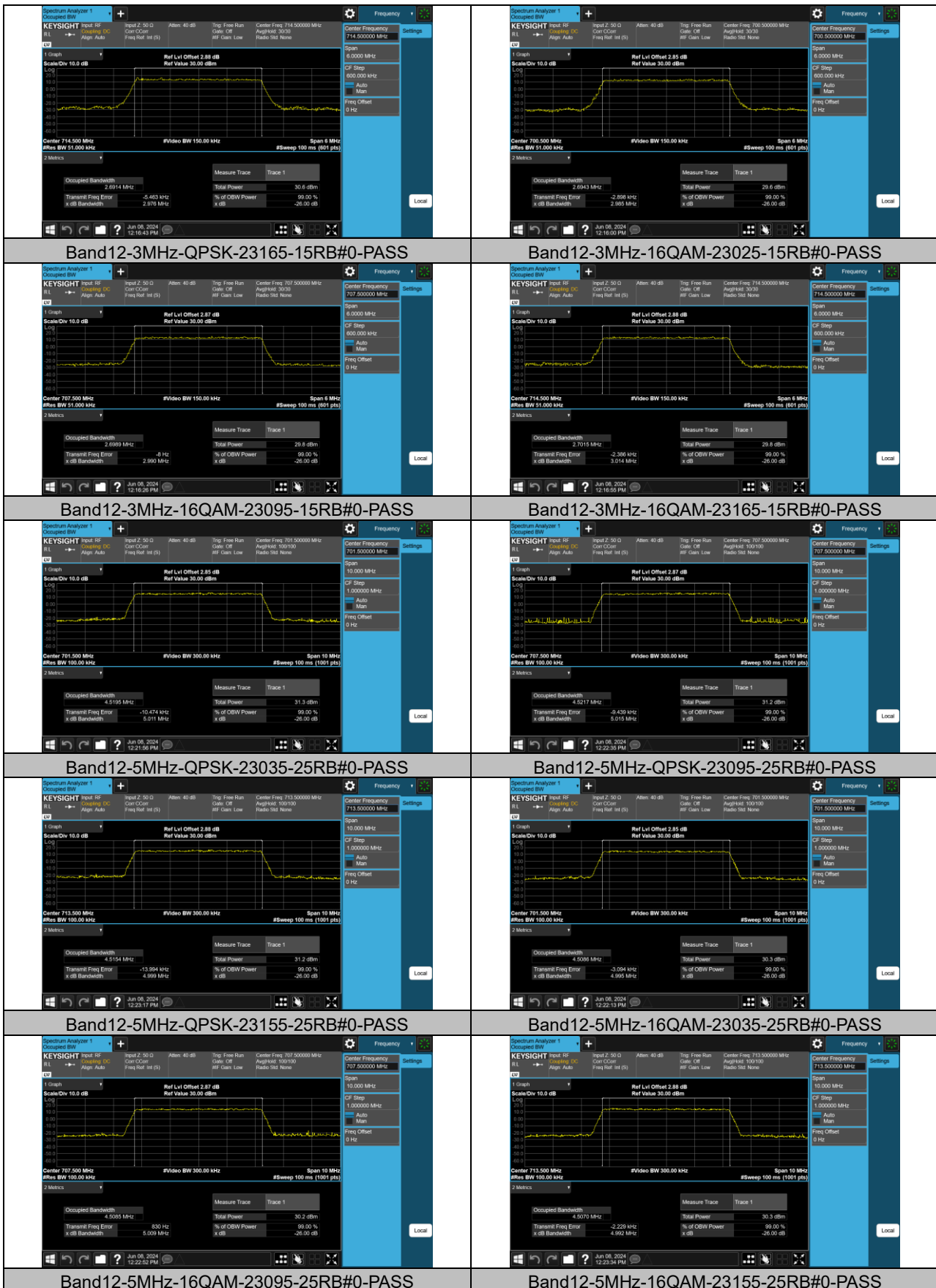
TEST GRAPHS





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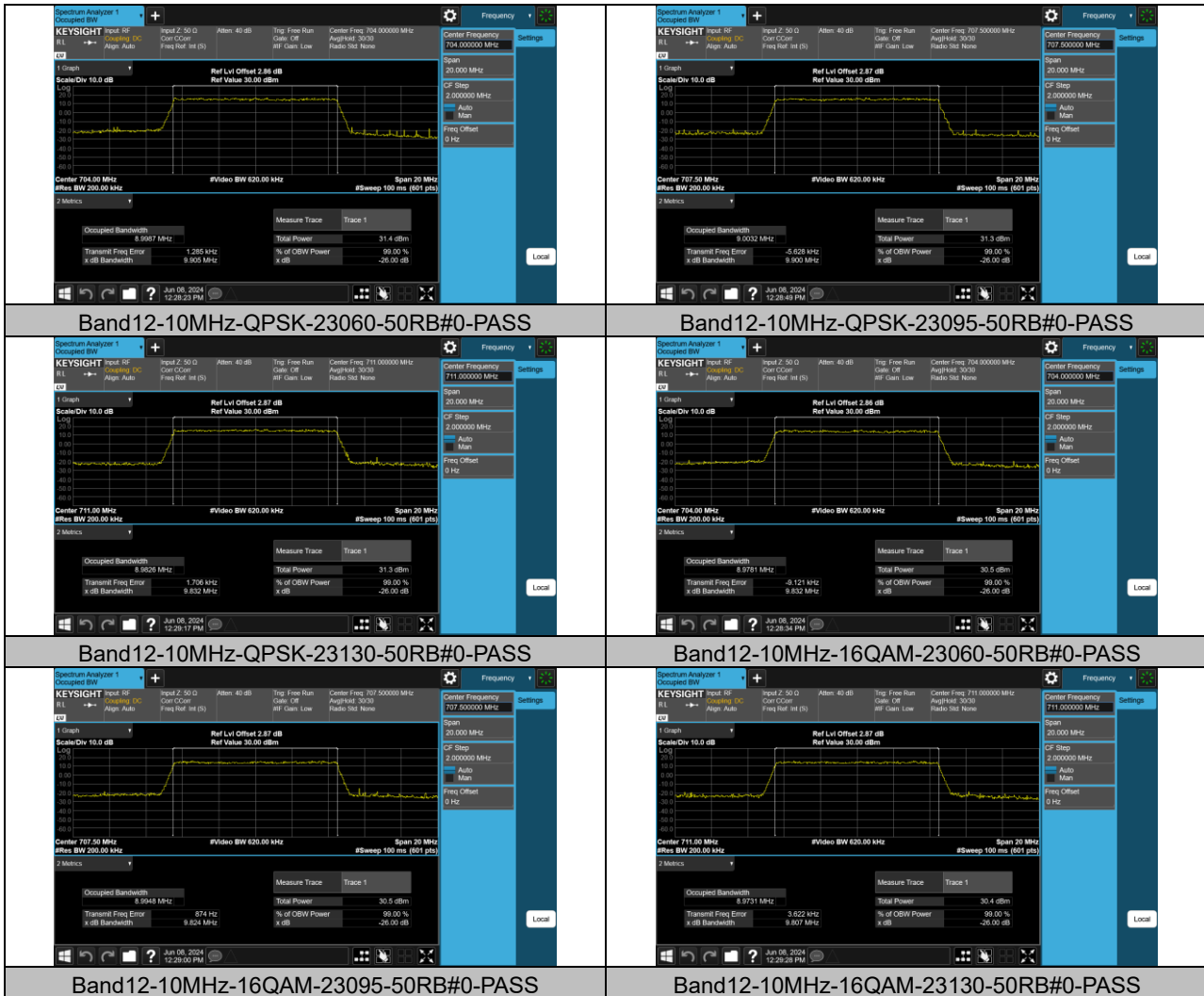
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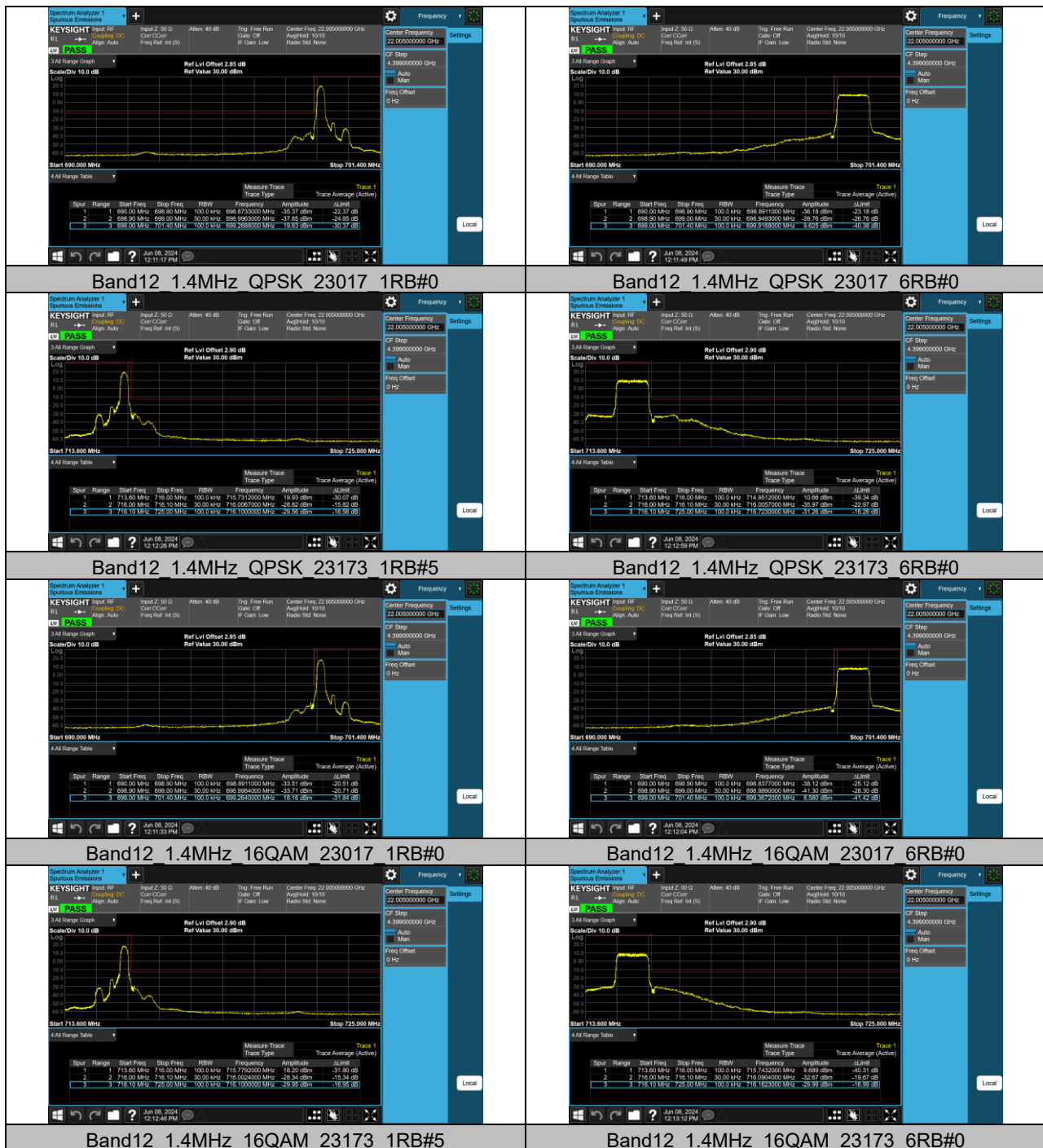
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BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-35.37	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-36.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-28.82	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-31.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-33.51	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-38.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-28.34	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.99	PASS
Band12	3MHz	QPSK	23025	1RB#0	-24.38	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.13	PASS
Band12	3MHz	QPSK	23165	1RB#14	-23.63	PASS
Band12	3MHz	QPSK	23165	15RB#0	-31.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	-24.32	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.94	PASS
Band12	3MHz	16QAM	23165	1RB#14	-24.19	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.84	PASS
Band12	5MHz	QPSK	23035	1RB#0	-28.67	PASS
Band12	5MHz	QPSK	23035	25RB#0	-34.96	PASS
Band12	5MHz	QPSK	23155	1RB#24	-26.44	PASS
Band12	5MHz	QPSK	23155	25RB#0	-35.38	PASS
Band12	5MHz	16QAM	23035	1RB#0	-30.86	PASS
Band12	5MHz	16QAM	23035	25RB#0	-36.61	PASS
Band12	5MHz	16QAM	23155	1RB#24	-29.94	PASS
Band12	5MHz	16QAM	23155	25RB#0	-38.14	PASS
Band12	10MHz	QPSK	23060	1RB#0	-41.64	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.63	PASS
Band12	10MHz	QPSK	23130	1RB#49	-40.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	-36.26	PASS
Band12	10MHz	16QAM	23060	1RB#0	-42.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.45	PASS
Band12	10MHz	16QAM	23130	1RB#49	-40.59	PASS
Band12	10MHz	16QAM	23130	50RB#0	-39.09	PASS

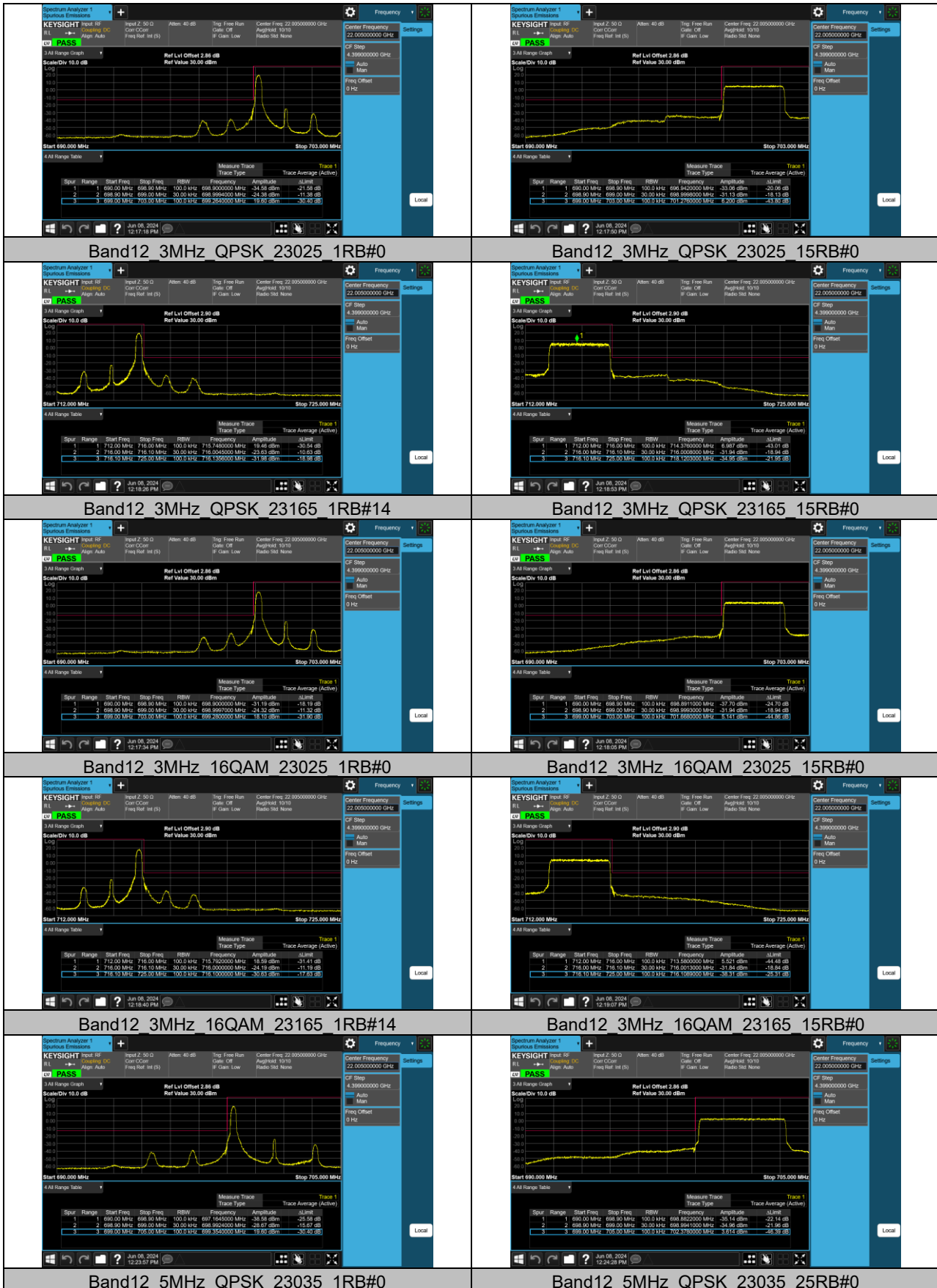
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