

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.20	0.3	21.35	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.40	0.3	20.55	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.62	0.3	21.77	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.43	0.3	21.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.34	0.3	21.49	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.29	0.3	20.44	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.33	0.3	21.48	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.23	0.3	21.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.23	0.3	21.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.24	0.3	20.39	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.31	0.3	21.46	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.88	0.3	21.03	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.05	0.3	21.2	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.54	0.3	19.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.08	0.3	21.23	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.79	0.3	20.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.37	0.3	20.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.36	0.3	19.51	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.45	0.3	20.6	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.25	0.3	20.4	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.26	0.3	20.41	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.33	0.3	19.48	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.48	0.3	20.63	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.25	0.3	20.4	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.15	0.3	21.3	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.38	0.3	20.53	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.31	0.3	21.46	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.02	0.3	21.17	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.15	0.3	21.3	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.24	0.3	20.39	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.19	0.3	21.34	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.26	0.3	21.41	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.00	0.3	21.15	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.31	0.3	20.46	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.20	0.3	21.35	38.45	PASS

Band5	3MHz	QPSK	20635	1RB#14	23.33	0.3	21.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.22	0.3	20.37	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.18	0.3	19.33	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.30	0.3	20.45	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.18	0.3	20.33	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.19	0.3	20.34	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.15	0.3	19.3	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.30	0.3	20.45	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.01	0.3	20.16	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.07	0.3	20.22	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.18	0.3	19.33	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.13	0.3	20.28	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.18	0.3	20.33	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.21	0.3	21.36	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.29	0.3	20.44	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.22	0.3	21.37	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.03	0.3	21.18	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.27	0.3	21.42	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.29	0.3	20.44	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.36	0.3	21.51	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.39	0.3	21.54	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.03	0.3	21.18	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.20	0.3	20.35	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.09	0.3	21.24	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.26	0.3	21.41	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.00	0.3	20.15	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.17	0.3	19.32	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.83	0.3	19.98	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.75	0.3	19.9	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.05	0.3	20.2	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.16	0.3	19.31	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.29	0.3	20.44	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.15	0.3	20.3	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.90	0.3	20.05	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.17	0.3	19.32	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.98	0.3	20.13	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.72	0.3	19.87	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.14	0.3	21.29	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.33	0.3	20.48	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.35	0.3	20.5	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.27	0.3	21.42	38.45	PASS

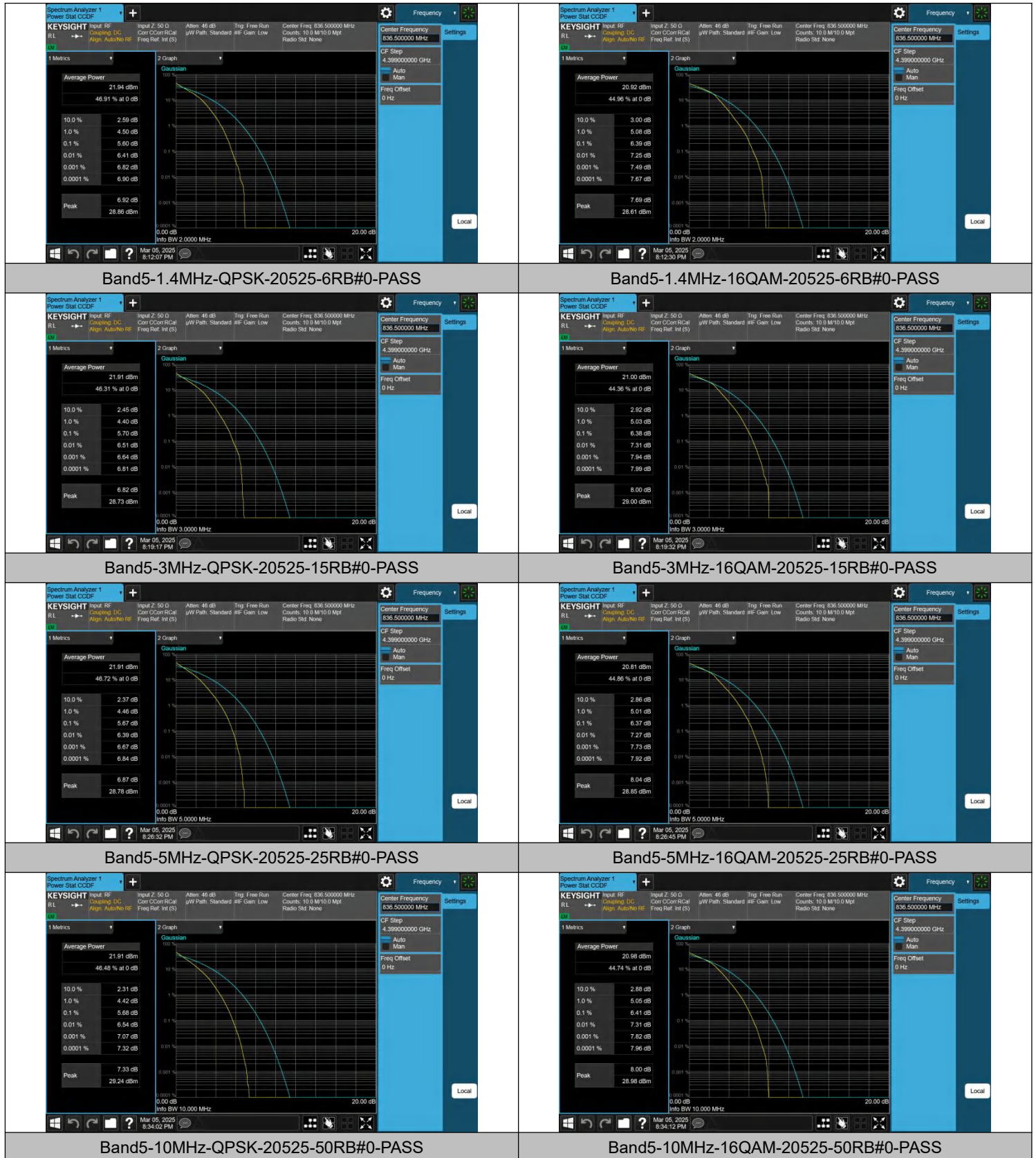
Band5	10MHz	QPSK	20450	1RB#49	23.18	0.3	21.33	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.08	0.3	21.23	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.34	0.3	20.49	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.27	0.3	20.42	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.36	0.3	21.51	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.03	0.3	21.18	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.16	0.3	21.31	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.22	0.3	20.37	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.23	0.3	20.38	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.42	0.3	21.57	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.08	0.3	21.23	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.22	0.3	20.37	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.19	0.3	19.34	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.23	0.3	19.38	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.55	0.3	20.7	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.36	0.3	20.51	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.48	0.3	20.63	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.23	0.3	19.38	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.32	0.3	19.47	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.80	0.3	20.95	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.33	0.3	20.48	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	0.3	20.84	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.23	0.3	19.38	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.41	0.3	19.56	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.26	0.3	21.41	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.42	0.3	20.57	38.45	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	5.60	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.39	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.70	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.38	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.67	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.37	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.41	13	PASS

Test Graphs

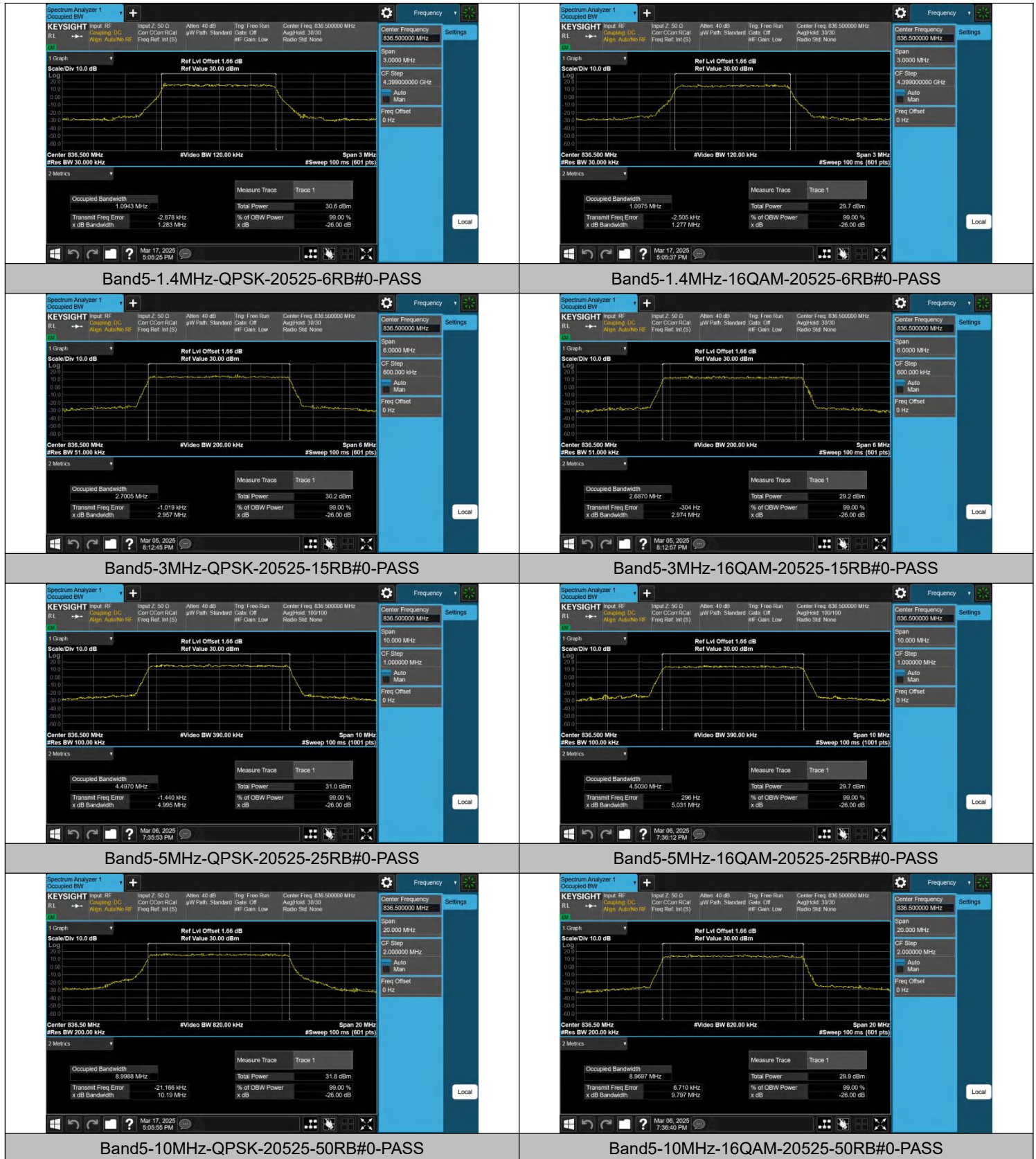


26dB Bandwidth and Occupied Bandwidth

Test Result

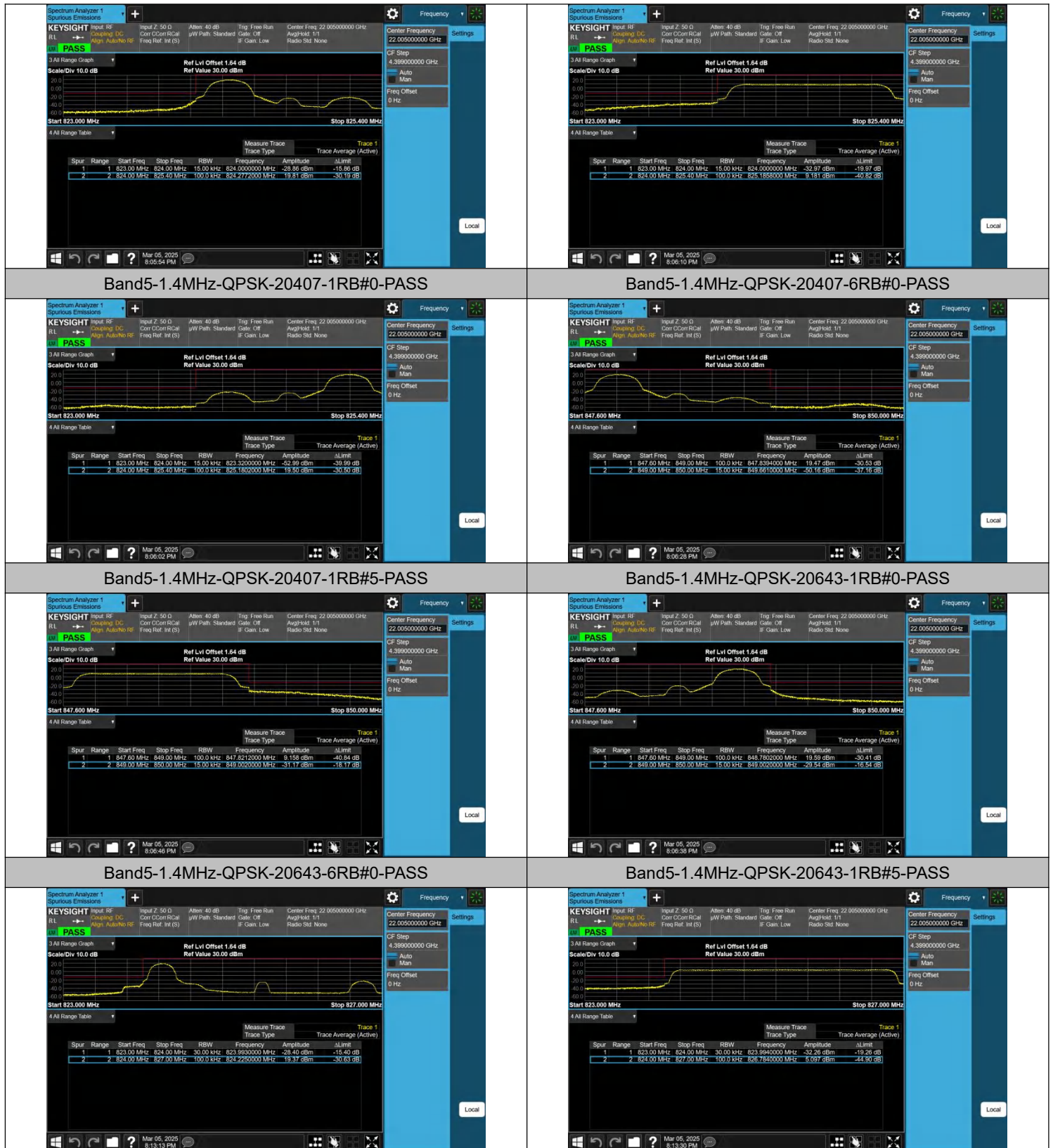
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0943	1.283	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0975	1.277	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7005	2.957	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6870	2.974	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4970	4.995	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5030	5.031	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9988	10.19	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9697	9.797	PASS

Test Graphs



Band Edge

Test Graphs



Band5-3MHz-QPSK-20415-1RB#0-PASS



Band5-3MHz-QPSK-20415-15RB#0-PASS



Band5-3MHz-QPSK-20415-1RB#14-PASS



Band5-3MHz-QPSK-20635-1RB#0-PASS



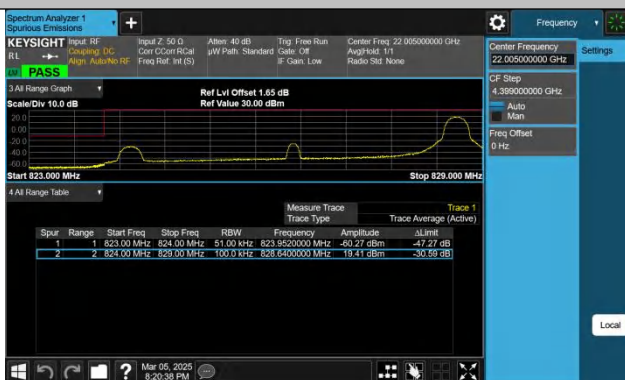
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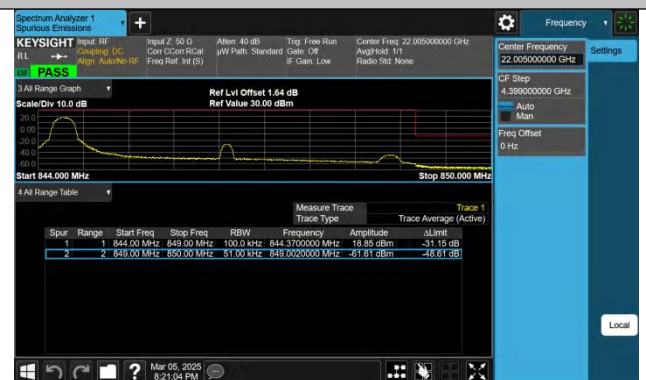
Band5-3MHz-QPSK-20635-1RB#14-PASS



Band5-5MHz-QPSK-20425-1RB#0-PASS

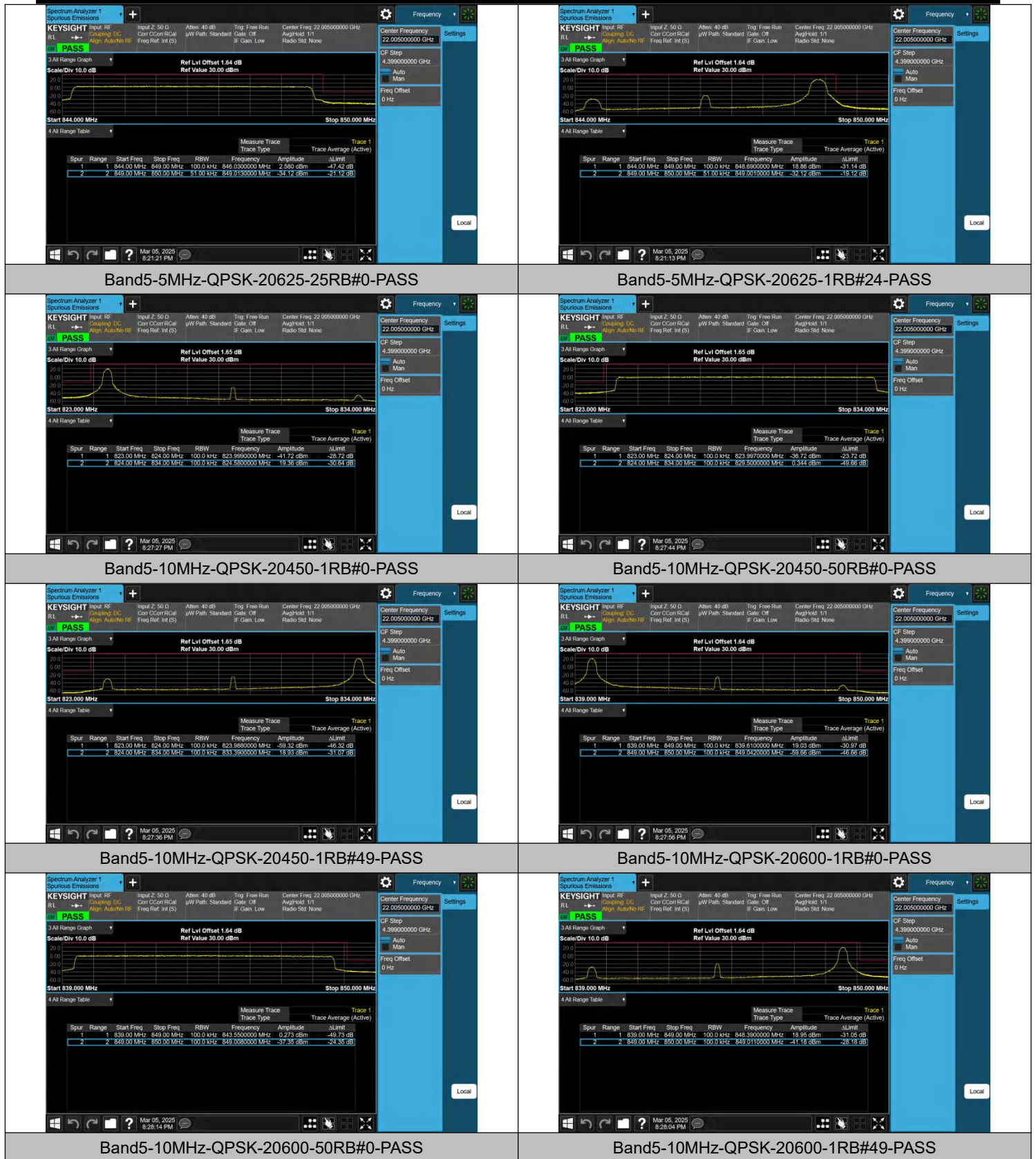


Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-QPSK-20425-1RB#24-PASS

Band5-5MHz-QPSK-20625-1RB#0-PASS



Conducted Spurious Emission

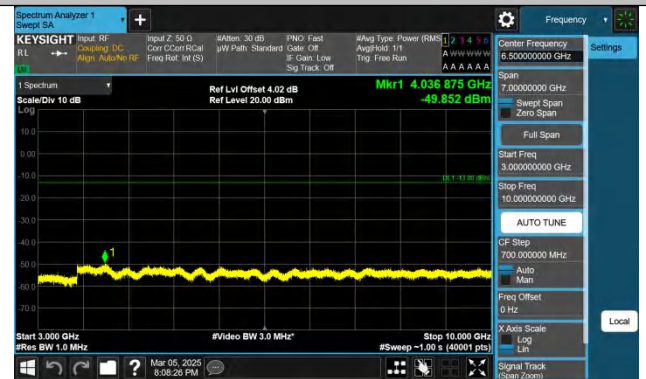
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#5-0.15~30-PASS



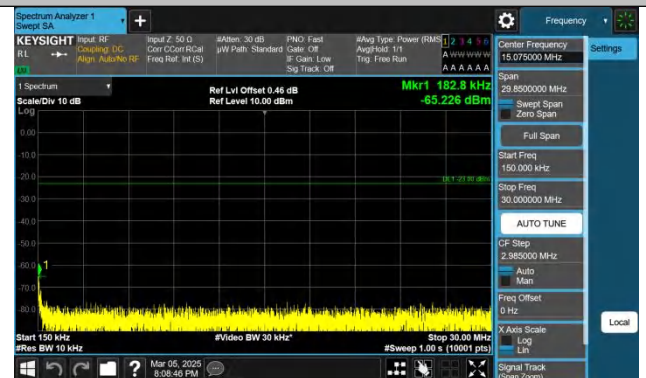
Band5-1.4MHz-QPSK-20407-1RB#5-30~1000-PASS



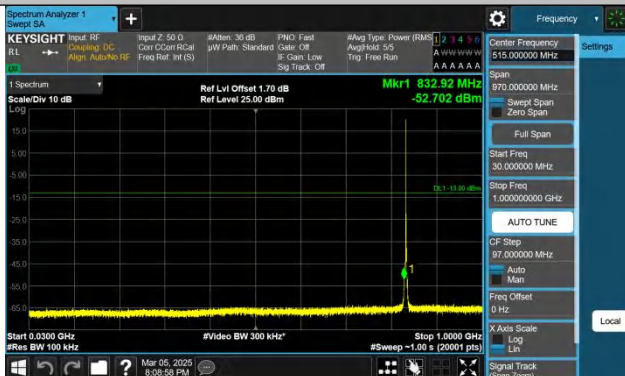
Band5-1.4MHz-QPSK-20407-1RB#5-1000~3000-PASS



Band5-1.4MHz-QPSK-20407-1RB#5-3000~10000-PASS



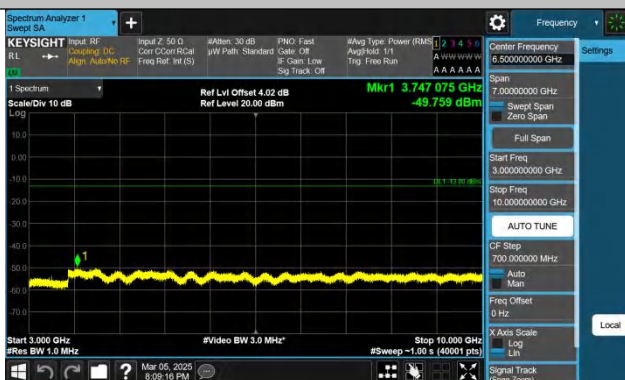
Band5-1.4MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



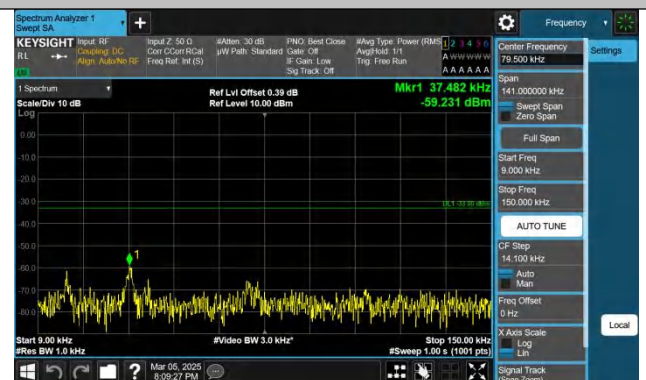
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Band5-1.4MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-1.4MHz-QPSK-20525-1RB#0-1000~3000-PASS



Band5-1.4MHz-QPSK-20525-1RB#0-3000~10000-PASS

Band5-1.4MHz-QPSK-20525-1RB#5-0.009~0.15-PASS

