

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	23.21	2.13	23.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.54	2.13	23.52	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.78	2.13	22.76	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.07	2.13	22.05	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.55	2.13	23.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.85	2.13	23.83	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.08	2.13	23.06	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.36	2.13	22.34	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.56	2.13	23.54	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.61	2.13	23.59	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.5	2.13	23.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.16	2.13	22.14	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.08	2.13	22.06	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.52	2.13	22.5	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.77	2.13	21.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.08	2.13	21.06	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.34	2.13	22.32	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.72	2.13	22.7	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.92	2.13	21.9	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.35	2.13	21.33	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.37	2.13	22.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.83	2.13	22.81	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.35	2.13	22.33	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.03	2.13	21.01	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.14	2.13	23.12	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.49	2.13	23.47	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.74	2.13	22.72	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.13	2.13	22.11	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.43	2.13	23.41	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.82	2.13	23.8	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.01	2.13	22.99	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.41	2.13	22.39	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.36	2.13	23.34	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.67	2.13	23.65	38.45	PASS

Band5	3MHz	QPSK	20635	1RB#14	23.42	2.13	23.4	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.26	2.13	22.24	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.18	2.13	22.16	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.47	2.13	22.45	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.88	2.13	21.86	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.2	2.13	21.18	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.3	2.13	22.28	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.99	2.13	22.97	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.88	2.13	21.86	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.37	2.13	21.35	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.28	2.13	22.26	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.75	2.13	22.73	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.55	2.13	22.53	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.28	2.13	21.26	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.19	2.13	23.17	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.02	2.13	23	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.04	2.13	23.02	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.08	2.13	22.06	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.37	2.13	23.35	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.24	2.13	23.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.59	2.13	23.57	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.31	2.13	22.29	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.26	2.13	23.24	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.98	2.13	22.96	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.49	2.13	23.47	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.2	2.13	22.18	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.23	2.13	22.21	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.94	2.13	21.92	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.94	2.13	21.92	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.13	2.13	21.11	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.56	2.13	22.54	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.41	2.13	22.39	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.73	2.13	22.71	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.28	2.13	21.26	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.09	2.13	22.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.89	2.13	21.87	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.4	2.13	22.38	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.19	2.13	21.17	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.16	2.13	23.14	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.28	2.13	23.26	38.45	PASS

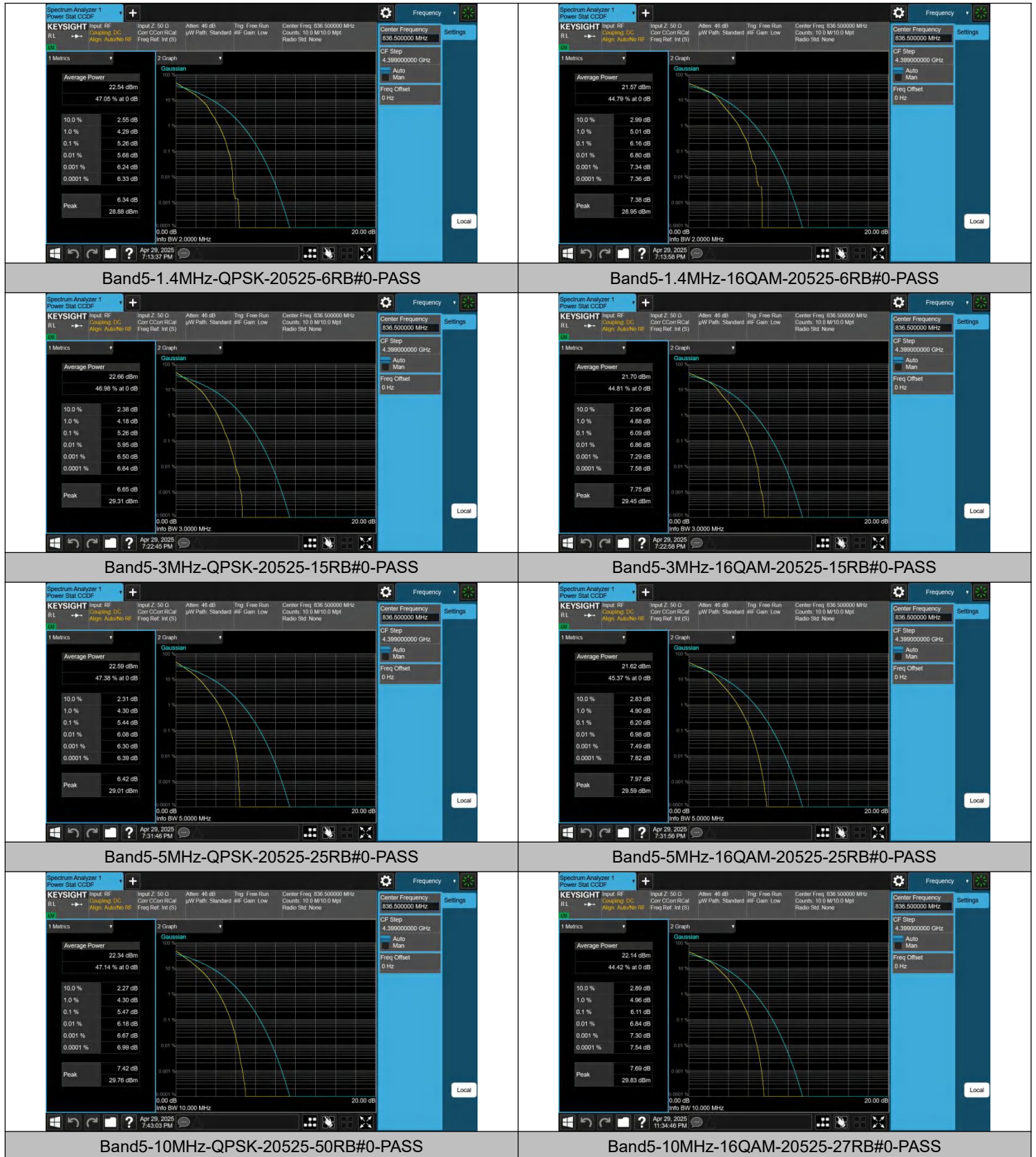
Band5	10MHz	QPSK	20450	1RB#49	22.31	2.13	22.29	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.24	2.13	22.22	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.52	2.13	23.5	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.73	2.13	23.71	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.8	2.13	23.78	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.37	2.13	22.35	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.13	2.13	24.11	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.01	2.13	22.99	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.36	2.13	23.34	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.13	2.13	22.11	38.45	PASS
Band5	10MHz	16QAM	20450	27RB#0	21.41	2.13	21.39	38.45	PASS
Band5	10MHz	16QAM	20525	27RB#0	21.97	2.13	21.95	38.45	PASS
Band5	10MHz	16QAM	20600	27RB#0	21.22	2.13	21.2	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.1	2.13	22.08	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.27	2.13	22.25	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.41	2.13	21.39	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.5	2.13	22.48	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.91	2.13	22.89	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.63	2.13	22.61	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.88	2.13	22.86	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.94	2.13	21.92	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.33	2.13	22.31	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	5.26	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.16	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.26	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.44	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.20	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.47	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	6.11	13	PASS

Test Graphs

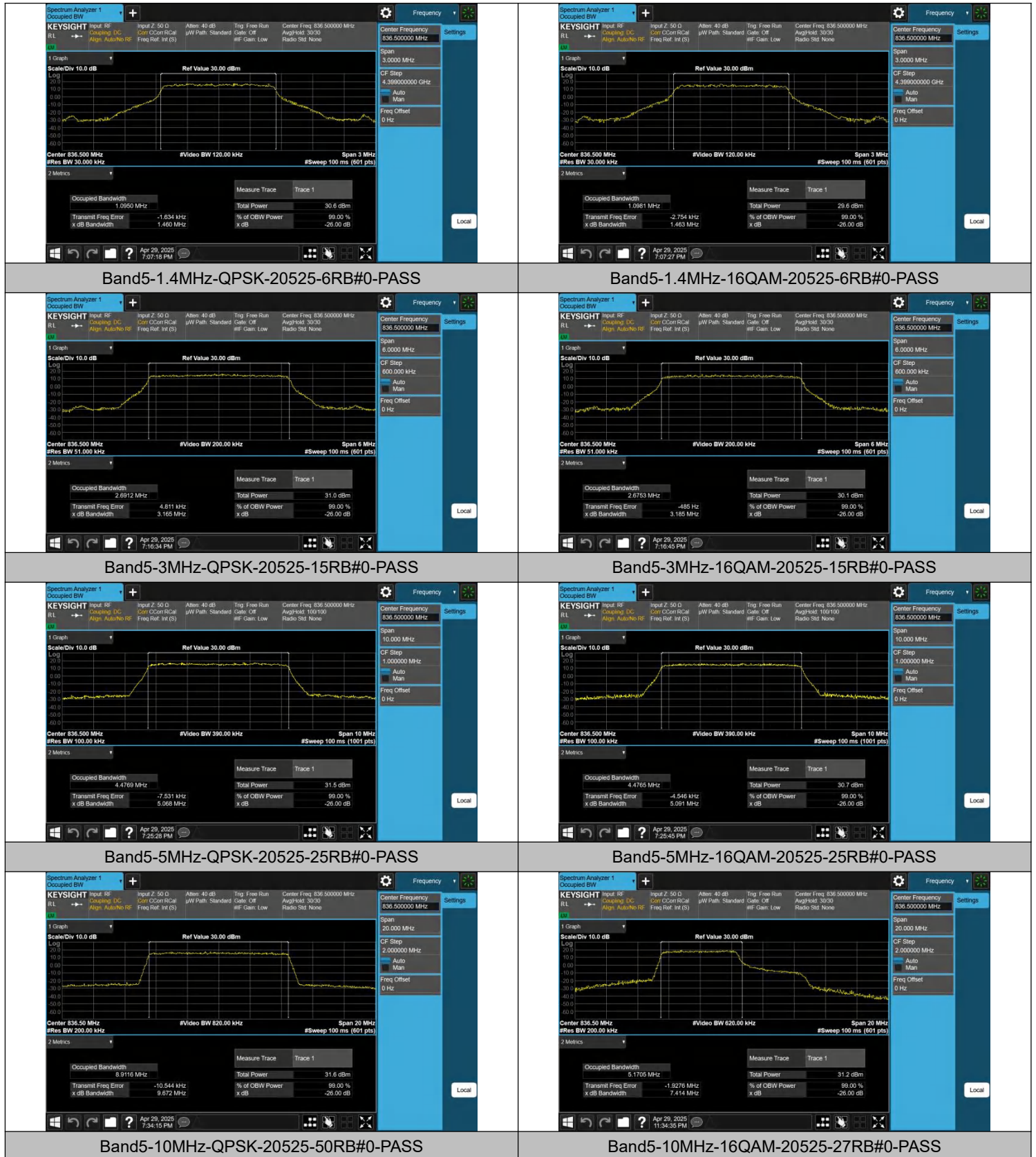


26dB Bandwidth and Occupied Bandwidth

Test Result

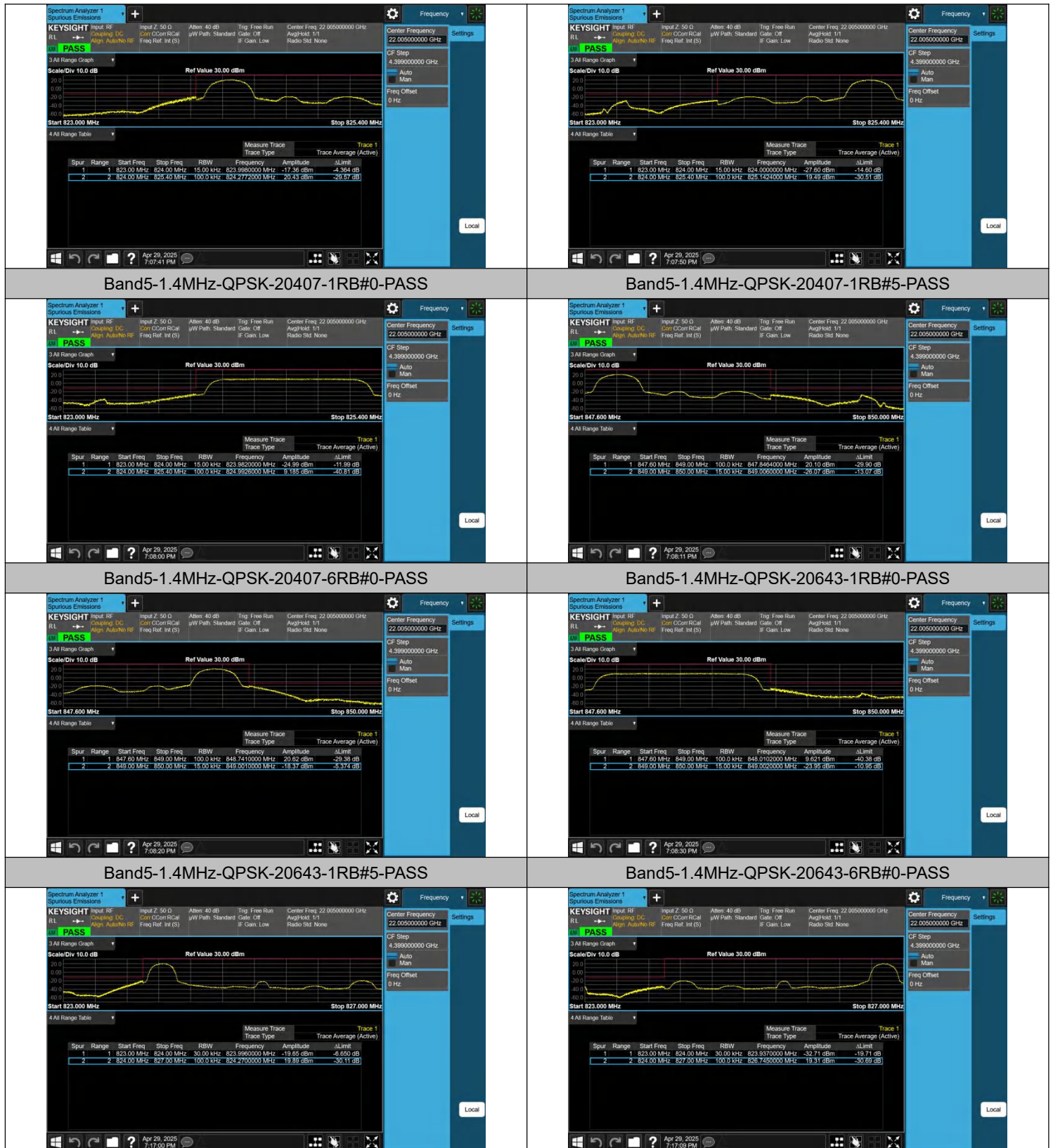
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0950	1.460	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0981	1.463	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6912	3.165	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6753	3.185	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4769	5.068	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4765	5.091	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9116	9.672	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.1705	7.414	PASS

Test Graphs



Band Edge

Test Graphs



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



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



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



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



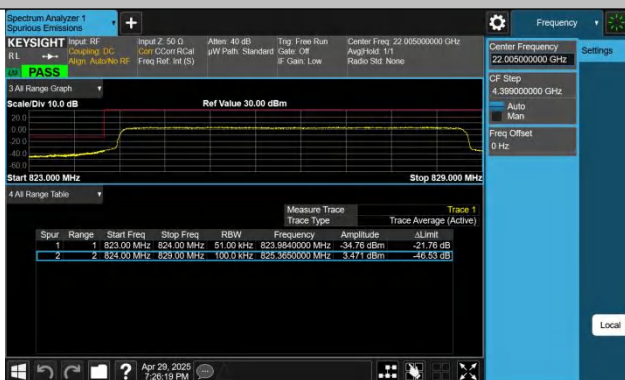
Band5-3MHz-QPSK-20635-1RB#14-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



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



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



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

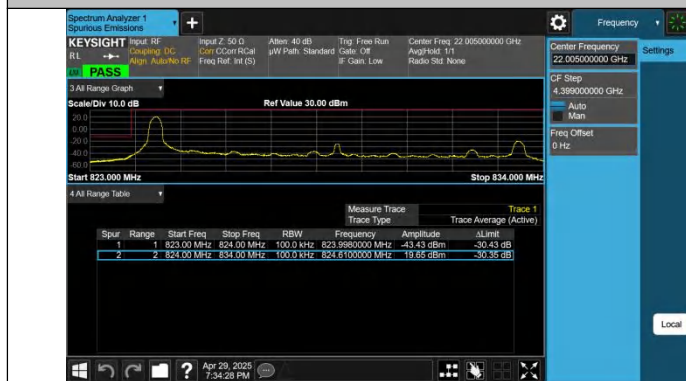
Band5-5MHz-QPSK-20625-1RB#0-PASS



Band5-5MHz-QPSK-20625-1RB#24-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS



Band5-10MHz-QPSK-20450-1RB#0-PASS



Band5-10MHz-QPSK-20450-1RB#49-PASS



Band5-10MHz-QPSK-20450-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#0-PASS



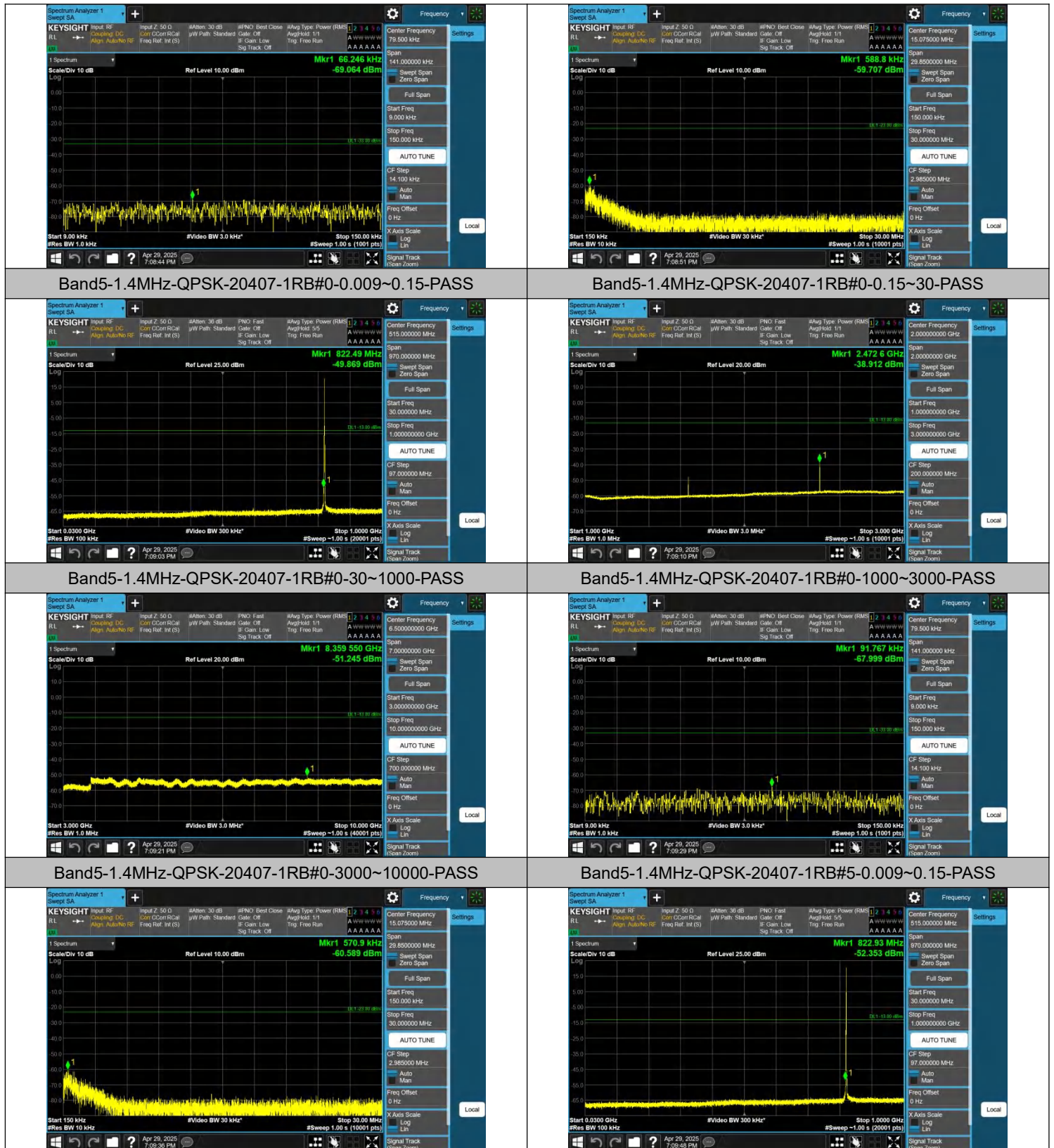
Band5-10MHz-QPSK-20600-1RB#49-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS

Conducted Spurious Emission

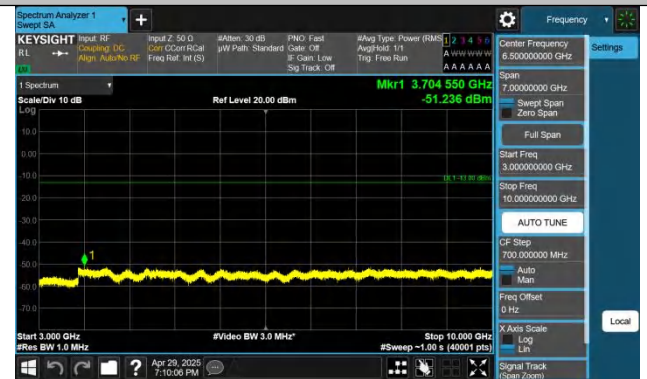
Test Graphs



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



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



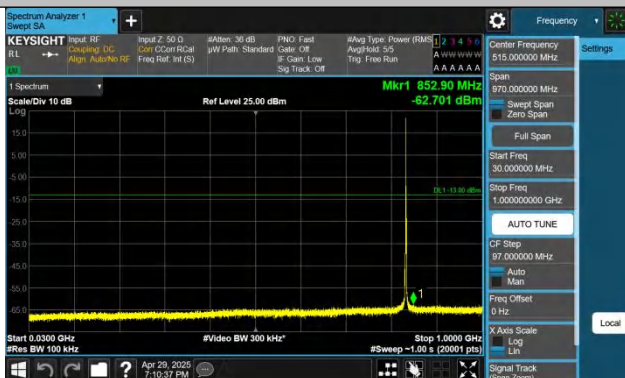
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Band5-1.4MHz-QPSK-20407-1RB#5-3000~10000-PASS



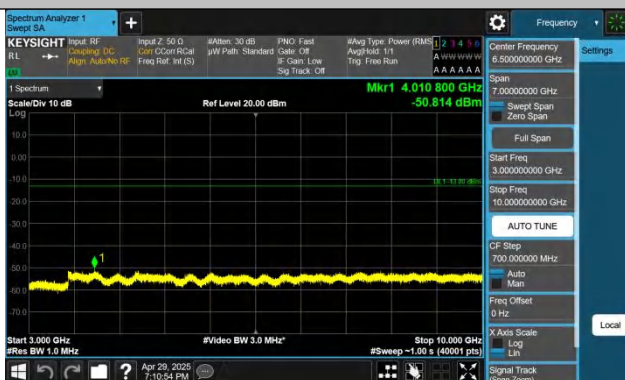
Band5-1.4MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS



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

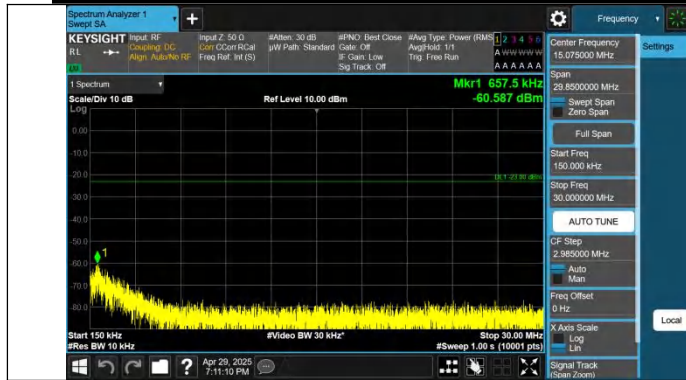


Band5-1.4MHz-QPSK-20525-1RB#0-1000~3000-PASS



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

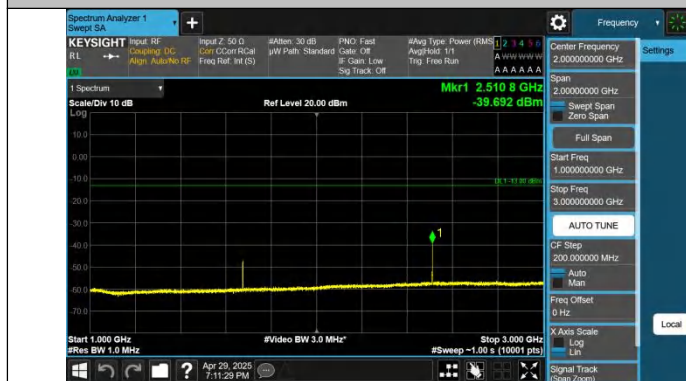
Band5-1.4MHz-QPSK-20525-1RB#5-0.009~0.15-PASS



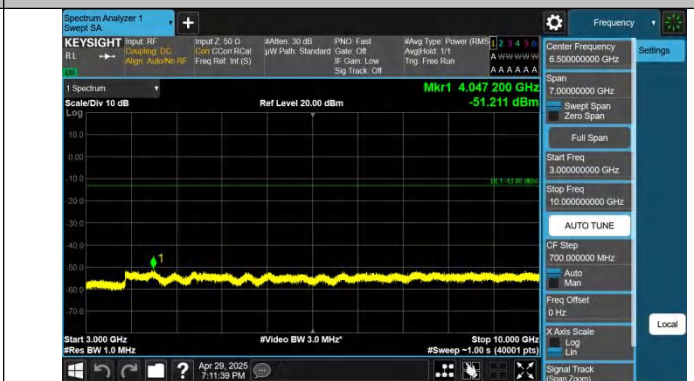
Band5-1.4MHz-QPSK-20525-1RB#5-0.15~30-PASS



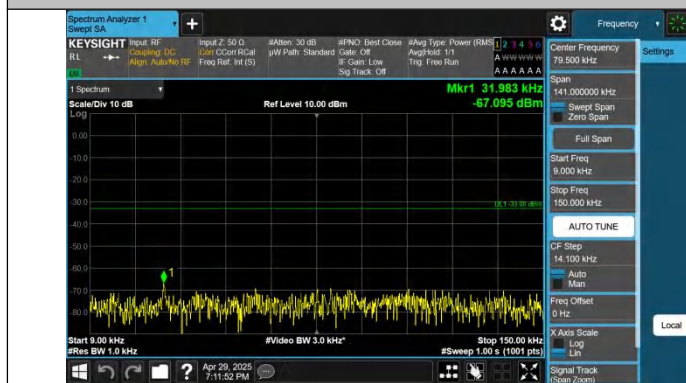
Band5-1.4MHz-QPSK-20525-1RB#5-30~1000-PASS



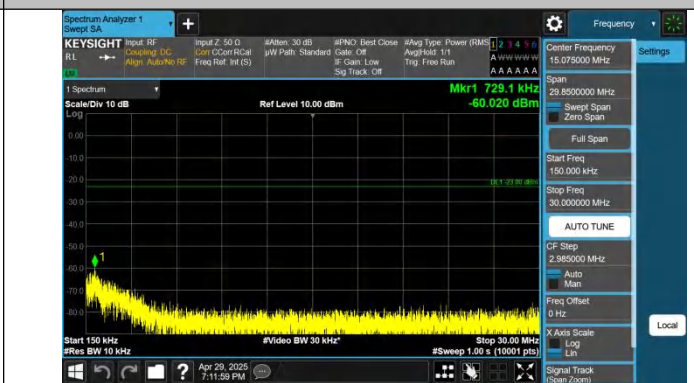
Band5-1.4MHz-QPSK-20525-1RB#5-1000~3000-PASS



Band5-1.4MHz-QPSK-20525-1RB#5-3000~10000-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-0.15~30-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-30~1000-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-1000~3000-PASS