

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	22.96	2.13	22.94	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.98	2.13	21.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.91	2.13	22.89	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.97	2.13	22.95	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.16	2.13	23.14	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.3	2.13	22.28	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.27	2.13	23.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.22	2.13	23.2	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.77	2.13	22.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.77	2.13	21.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.64	2.13	22.62	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.65	2.13	22.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.02	2.13	22	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.02	2.13	21	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.01	2.13	21.99	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.02	2.13	22	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.13	2.13	22.11	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.25	2.13	21.23	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.24	2.13	22.22	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.19	2.13	22.17	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.85	2.13	21.83	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.8	2.13	20.78	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.93	2.13	21.91	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.77	2.13	21.75	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.59	2.13	22.57	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.85	2.13	21.83	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.78	2.13	22.76	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.61	2.13	22.59	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.1	2.13	23.08	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.27	2.13	22.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.21	2.13	23.19	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.11	2.13	23.09	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.78	2.13	22.76	38.45	PASS

Band5	3MHz	QPSK	20635	15RB#0	21.93	2.13	21.91	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.76	2.13	22.74	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.58	2.13	22.56	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.87	2.13	21.85	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.85	2.13	20.83	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.11	2.13	22.09	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.94	2.13	21.92	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.03	2.13	22.01	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.29	2.13	21.27	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.23	2.13	22.21	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.1	2.13	22.08	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.03	2.13	22.01	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.08	2.13	21.06	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.18	2.13	22.16	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.9	2.13	21.88	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.83	2.13	22.81	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.97	2.13	21.95	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.85	2.13	22.83	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.93	2.13	22.91	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.24	2.13	23.22	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.33	2.13	22.31	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.33	2.13	23.31	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.27	2.13	23.25	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.99	2.13	22.97	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.96	2.13	21.94	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.92	2.13	22.9	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.72	2.13	22.7	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.82	2.13	21.8	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.96	2.13	20.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.7	2.13	21.68	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.81	2.13	21.79	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.45	2.13	22.43	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.3	2.13	21.28	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.58	2.13	22.56	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.54	2.13	22.52	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.78	2.13	21.76	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.1	2.13	21.08	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.77	2.13	21.75	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.58	2.13	21.56	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23	2.13	22.98	38.45	PASS

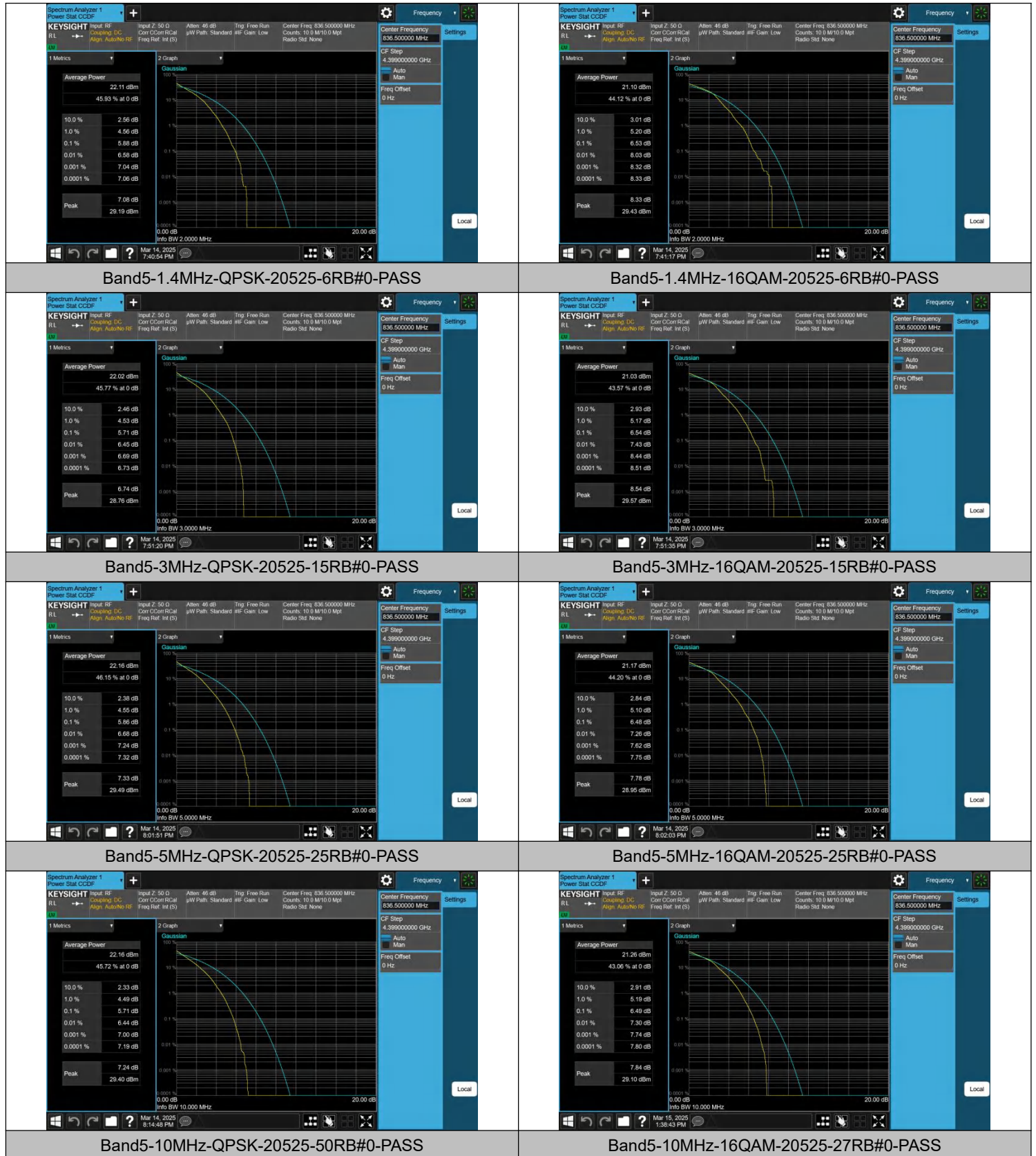
Band5	10MHz	QPSK	20450	50RB#0	22.22	2.13	22.2	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.16	2.13	23.14	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.29	2.13	23.27	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.13	2.13	23.11	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.29	2.13	22.27	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.36	2.13	23.34	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.26	2.13	23.24	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.23	2.13	23.21	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.21	2.13	22.19	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.2	2.13	23.18	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.96	2.13	22.94	38.45	PASS
Band5	10MHz	16QAM	20450	27RB#0	21.16	2.13	21.14	38.45	PASS
Band5	10MHz	16QAM	20525	27RB#0	21.41	2.13	21.39	38.45	PASS
Band5	10MHz	16QAM	20600	27RB#0	21.35	2.13	21.33	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.42	2.13	22.4	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.5	2.13	22.48	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.65	2.13	22.63	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.2	2.13	22.18	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.32	2.13	22.3	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.25	2.13	22.23	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.33	2.13	22.31	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.21	2.13	22.19	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.99	2.13	21.97	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	5.88	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.53	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.71	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.54	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.86	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.48	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.71	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	6.49	13	PASS

Test Graphs

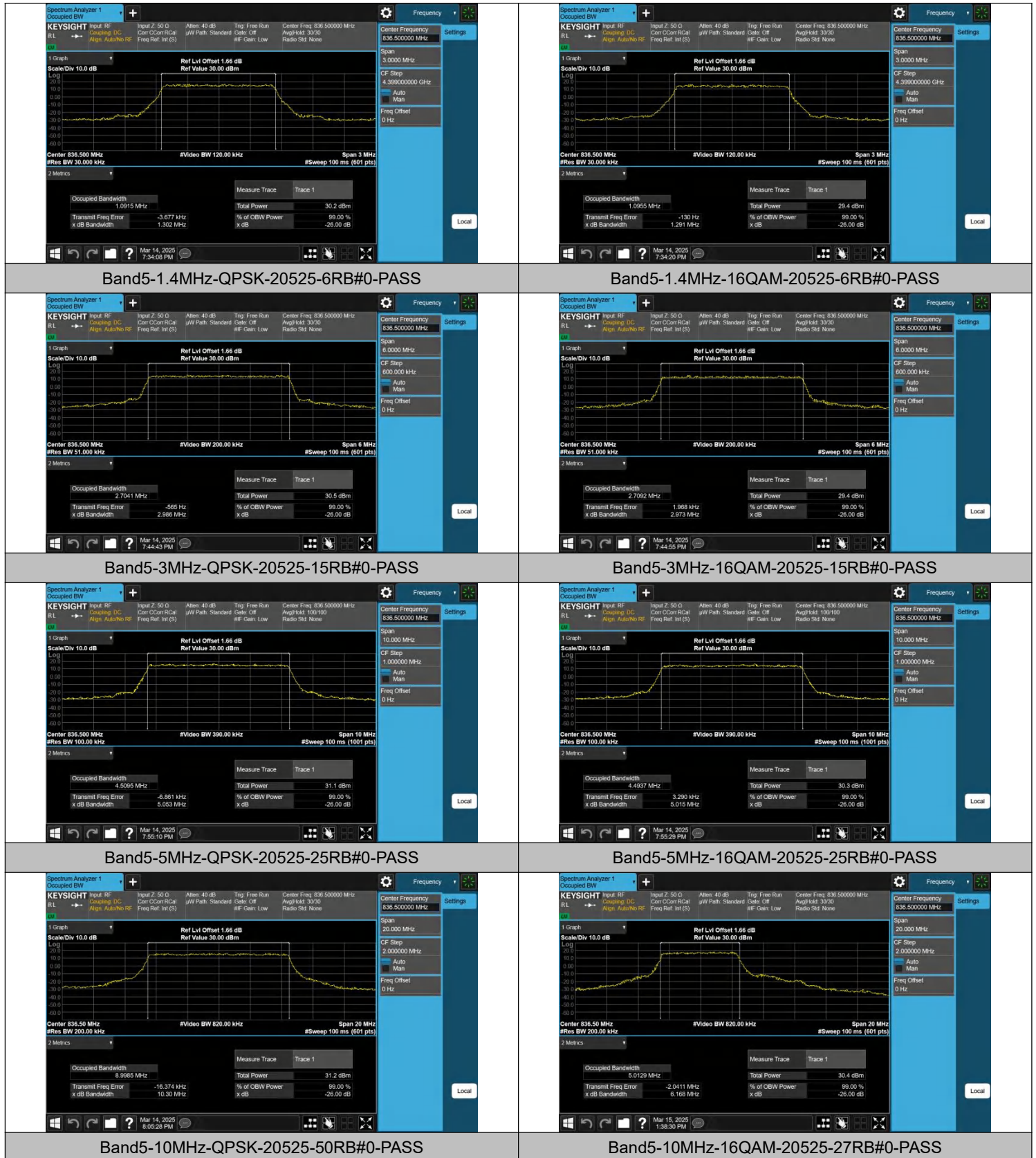


26dB Bandwidth and Occupied Bandwidth

Test Result

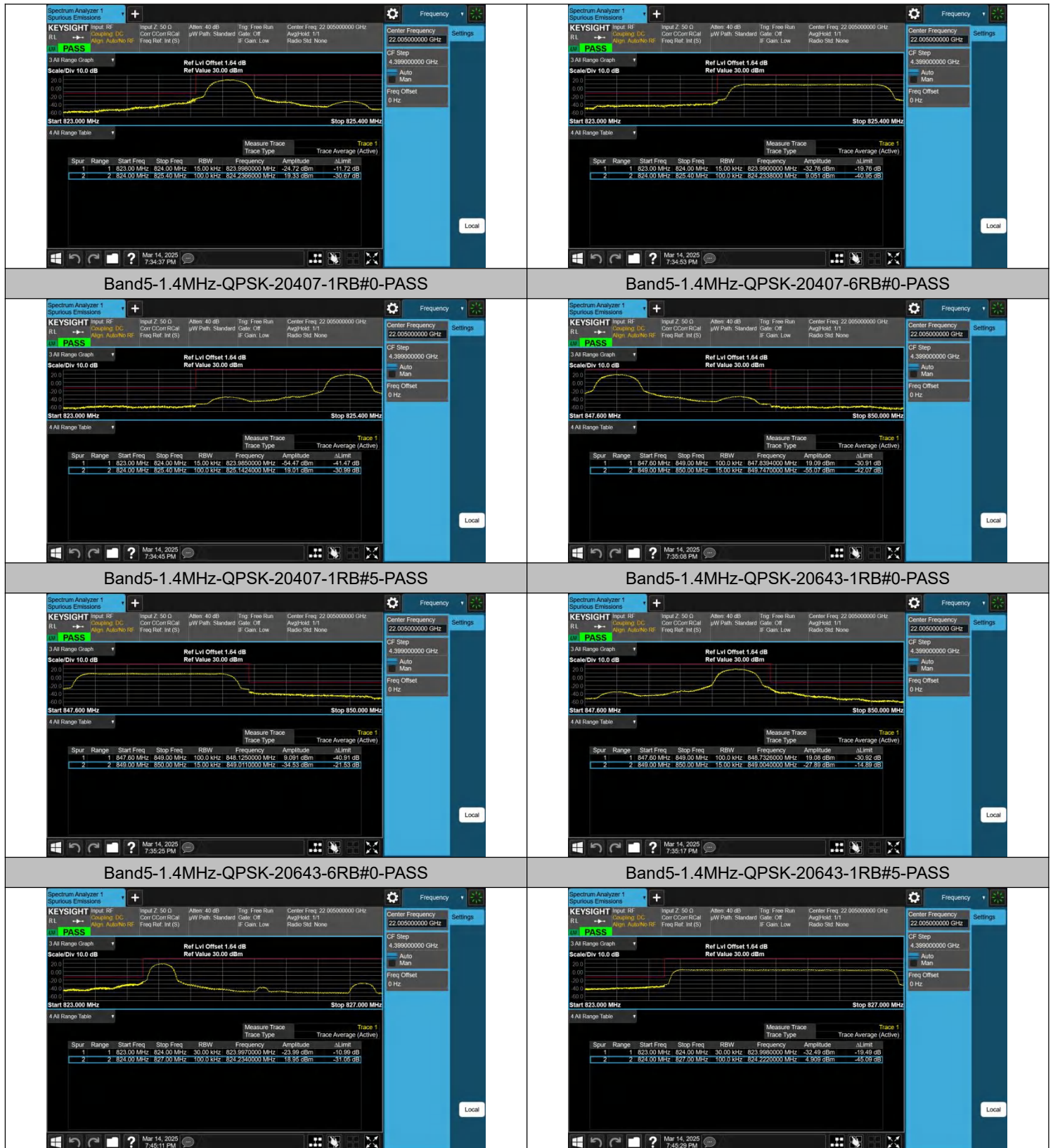
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0915	1.302	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0955	1.291	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7041	2.986	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7092	2.973	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5095	5.053	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4937	5.015	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9985	10.30	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.0129	6.168	PASS

Test Graphs

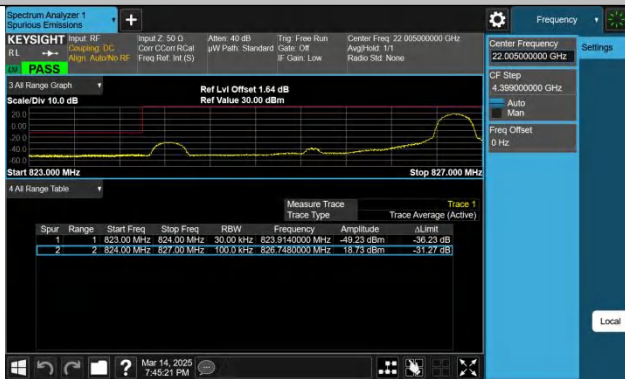


Band Edge

Test Graphs



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



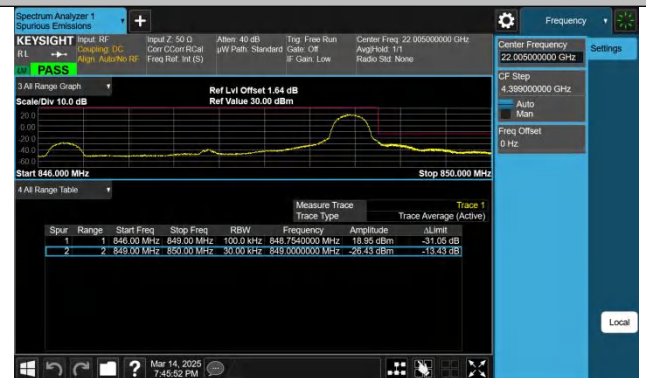
Band5-3MHz-QPSK-20415-15RB#0-PASS



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



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



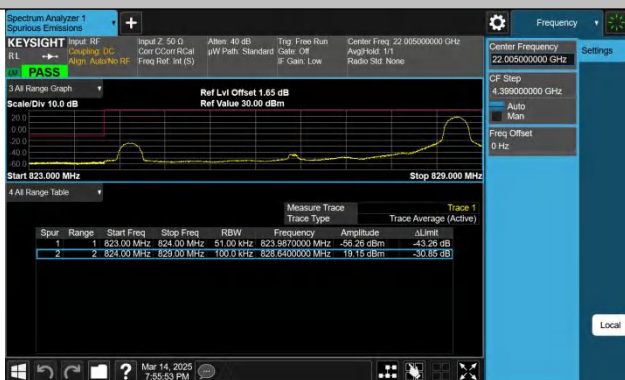
Band5-3MHz-QPSK-20635-15RB#0-PASS



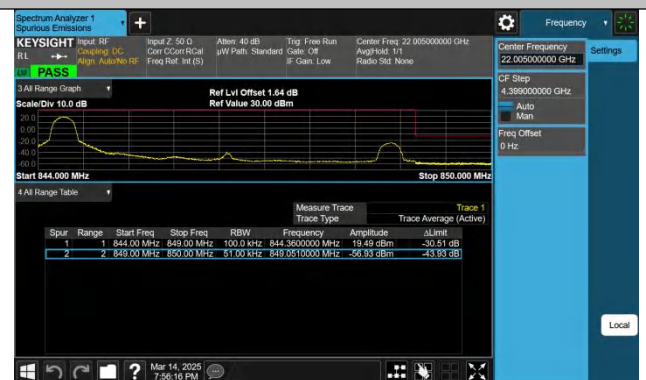
Band5-3MHz-QPSK-20635-1RB#14-PASS



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

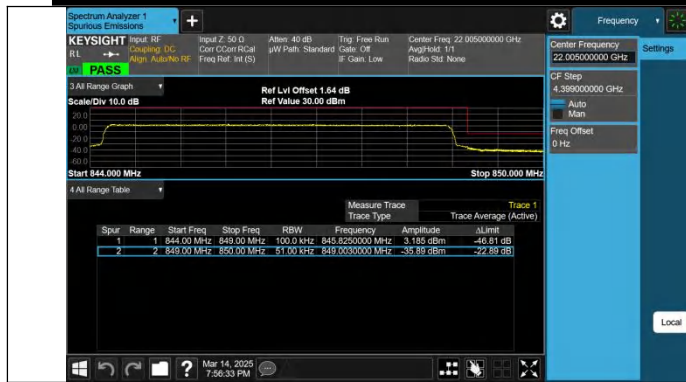


Band5-5MHz-QPSK-20425-25RB#0-PASS



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

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



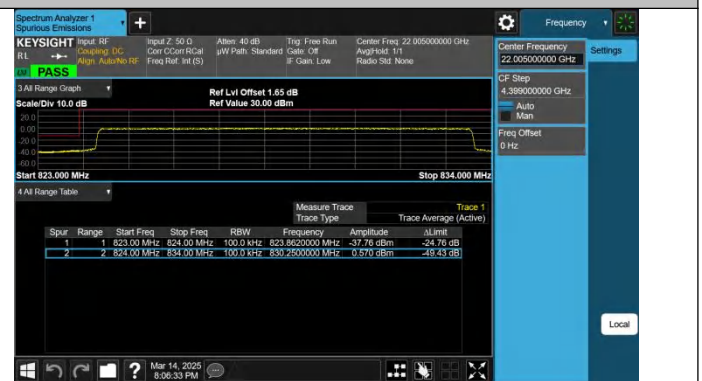
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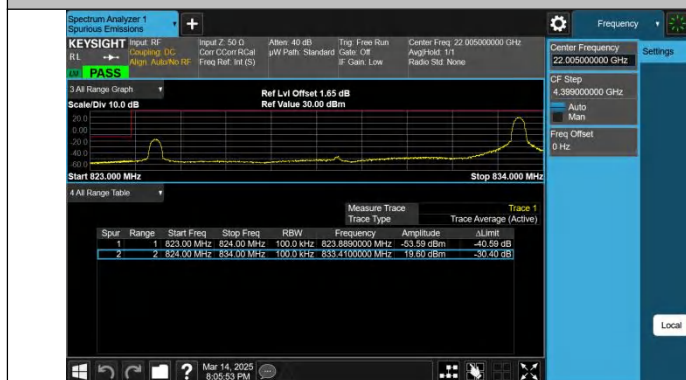
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Band5-10MHz-QPSK-20450-1RB#0-PASS



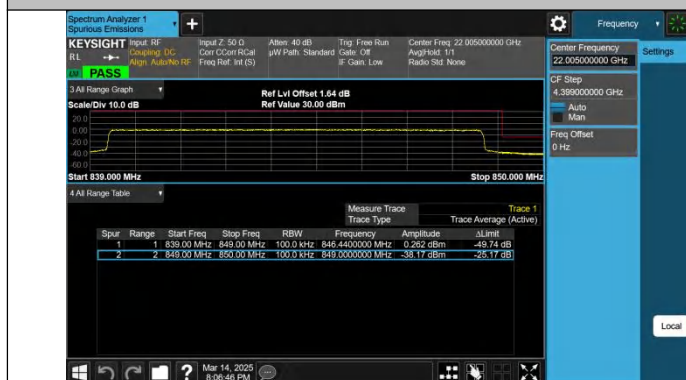
Band5-10MHz-QPSK-20450-50RB#0-PASS



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



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



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



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

Conducted Spurious Emission

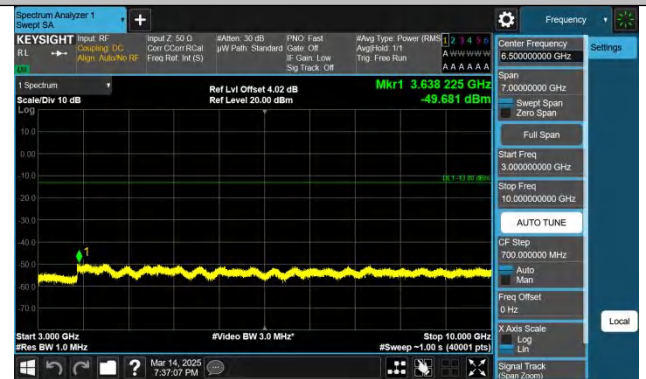
Test Graphs



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



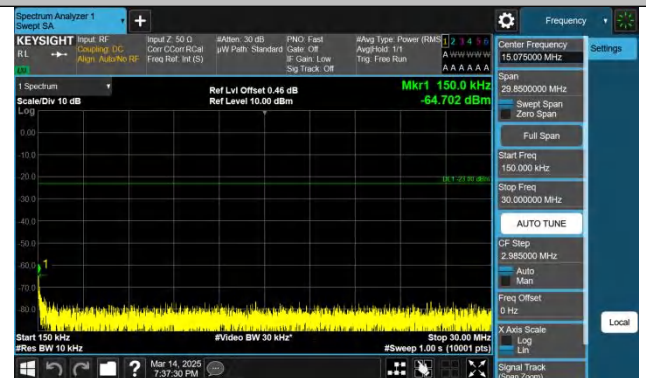
Band5-1.4MHz-QPSK-20407-1RB#5-30~1000-PASS



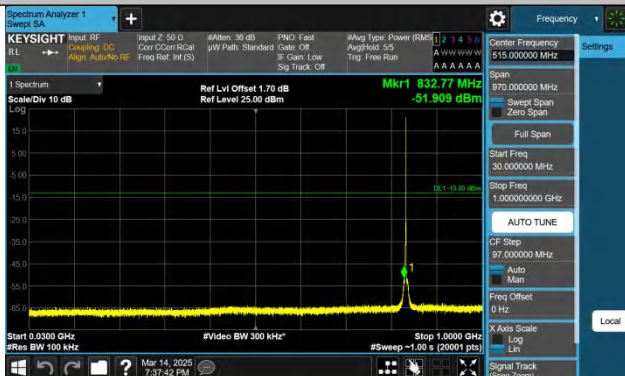
Band5-1.4MHz-QPSK-20407-1RB#5-1000~3000-PASS



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



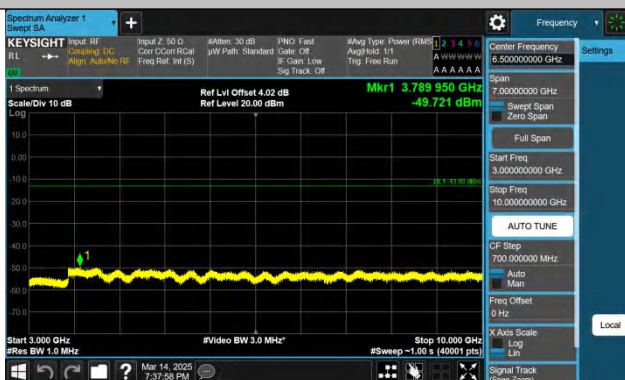
Band5-1.4MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



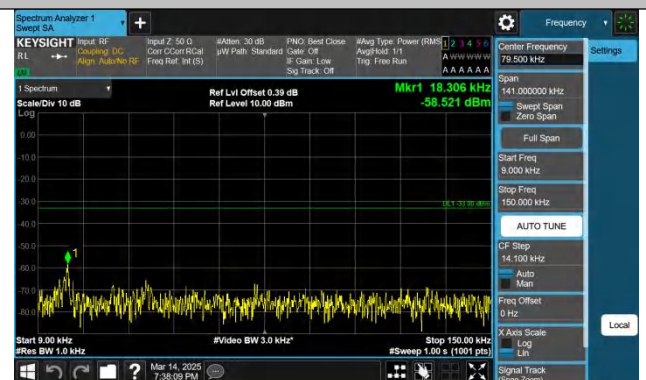
Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS



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

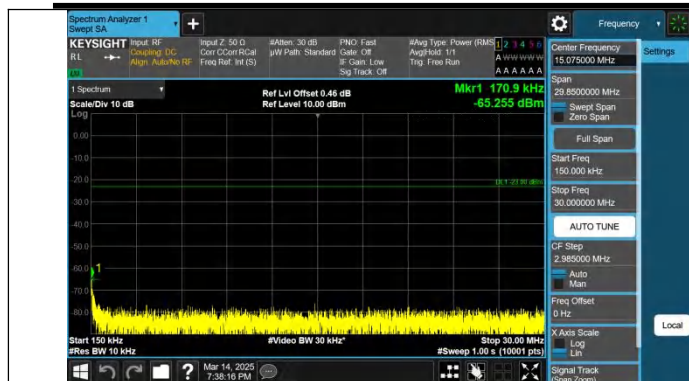


Band5-1.4MHz-QPSK-20525-1RB#0-1000~3000-PASS

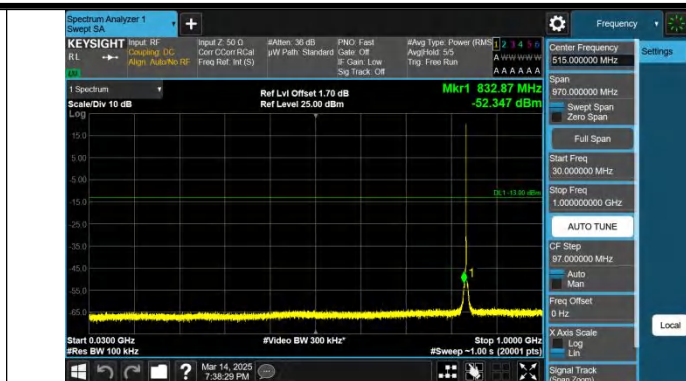


Band5-1.4MHz-QPSK-20525-1RB#0-3000~10000-PASS

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



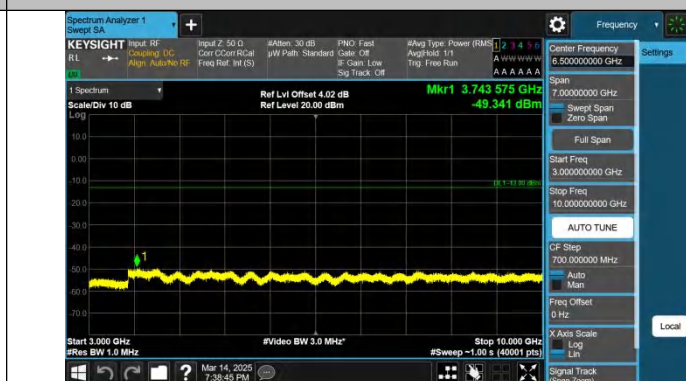
Band5-1.4MHz-QPSK-20525-1RB#5-0.15~30-PASS



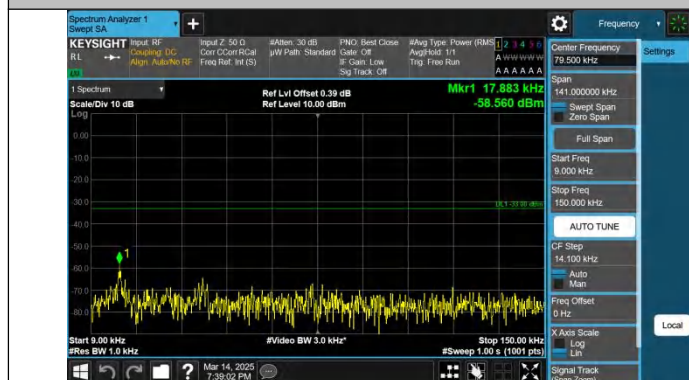
Band5-1.4MHz-QPSK-20525-1RB#5-30~1000-PASS



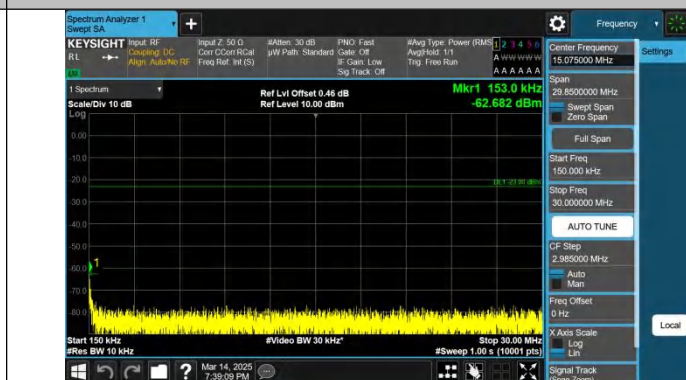
Band5-1.4MHz-QPSK-20525-1RB#5-1000~3000-PASS



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

