

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	23.66	2.13	23.64	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.75	2.13	22.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.68	2.13	23.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.63	2.13	23.61	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.69	2.13	23.67	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.71	2.13	22.69	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.64	2.13	23.62	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.71	2.13	23.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.73	2.13	23.71	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.90	2.13	22.88	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.71	2.13	23.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.67	2.13	23.65	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.85	2.13	22.83	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.71	2.13	21.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.87	2.13	22.85	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.80	2.13	22.78	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.58	2.13	22.56	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.75	2.13	21.73	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.65	2.13	22.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.60	2.13	22.58	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.92	2.13	22.9	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.89	2.13	21.87	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.88	2.13	22.86	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.90	2.13	22.88	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.41	2.13	23.39	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.50	2.13	22.48	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.56	2.13	23.54	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.40	2.13	23.38	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.55	2.13	23.53	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.61	2.13	22.59	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.70	2.13	23.68	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.52	2.13	23.5	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.60	2.13	23.58	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.79	2.13	22.77	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.69	2.13	23.67	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.43	2.13	23.41	38.45	PASS

Band5	3MHz	16QAM	20415	1RB#0	22.55	2.13	22.53	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.58	2.13	21.56	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.75	2.13	22.73	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.59	2.13	22.57	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.53	2.13	22.51	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.72	2.13	21.7	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.64	2.13	22.62	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.44	2.13	22.42	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.83	2.13	22.81	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.85	2.13	21.83	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.98	2.13	22.96	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.84	2.13	22.82	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.71	2.13	23.69	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.67	2.13	22.65	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.72	2.13	23.7	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.78	2.13	23.76	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.86	2.13	23.84	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.68	2.13	22.66	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.74	2.13	23.72	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.66	2.13	23.64	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.49	2.13	23.47	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.58	2.13	22.56	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.41	2.13	23.39	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.54	2.13	23.52	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.40	2.13	22.38	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.75	2.13	21.73	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.43	2.13	22.41	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.51	2.13	22.49	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.00	2.13	22.98	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.73	2.13	21.71	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.91	2.13	22.89	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.84	2.13	22.82	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.27	2.13	22.25	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.72	2.13	21.7	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.22	2.13	22.2	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.38	2.13	22.36	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.35	2.13	23.33	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.51	2.13	22.49	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.43	2.13	23.41	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.53	2.13	23.51	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.85	2.13	23.83	38.45	PASS

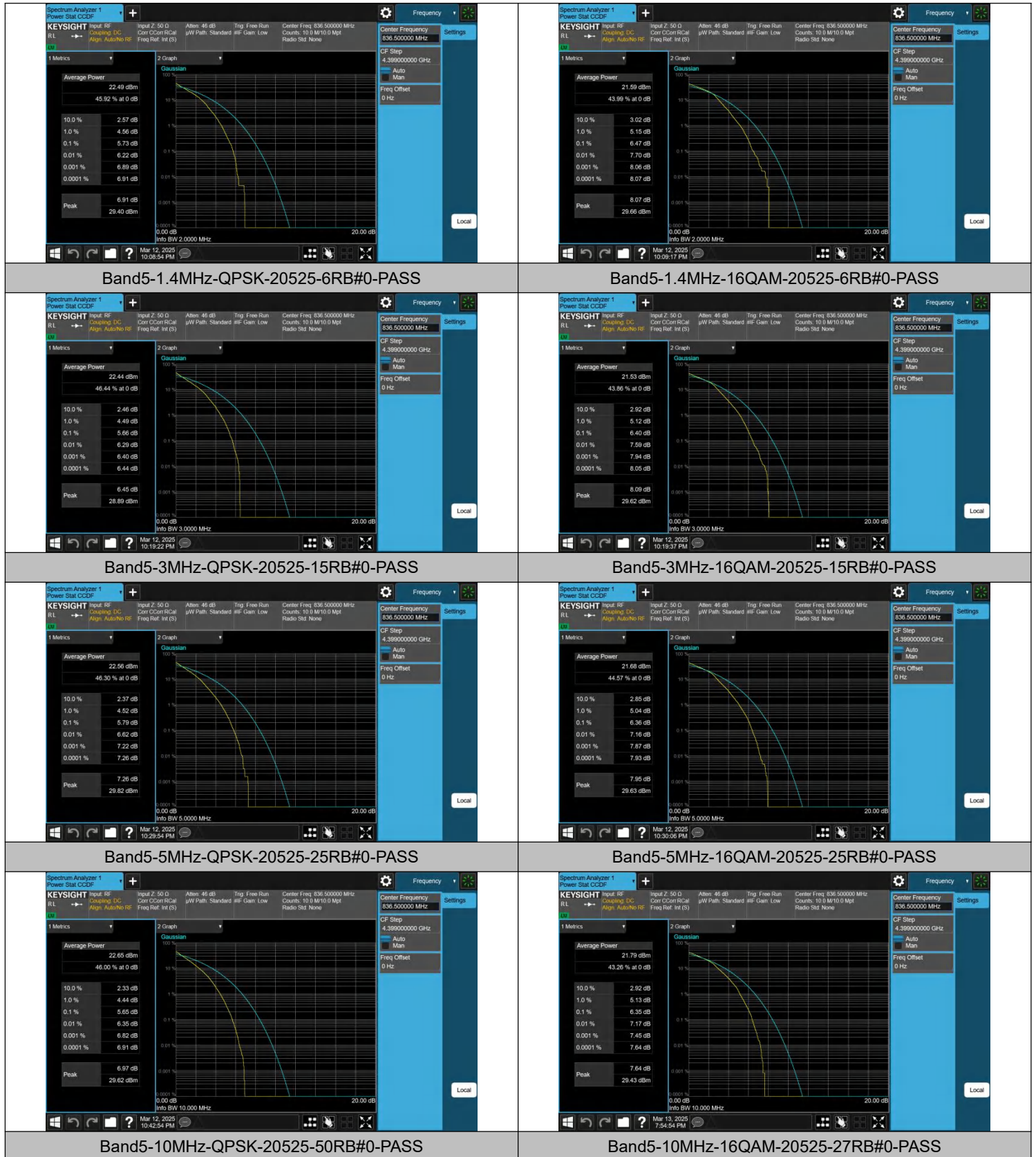
Band5	10MHz	QPSK	20525	50RB#0	22.79	2.13	22.77	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.74	2.13	23.72	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.59	2.13	23.57	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.70	2.13	23.68	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.54	2.13	22.52	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.50	2.13	23.48	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.53	2.13	23.51	38.45	PASS
Band5	10MHz	16QAM	20450	27RB#0	21.74	2.13	21.72	38.45	PASS
Band5	10MHz	16QAM	20525	27RB#0	21.99	2.13	21.97	38.45	PASS
Band5	10MHz	16QAM	20600	27RB#0	21.79	2.13	21.77	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.59	2.13	22.57	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.70	2.13	22.68	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.81	2.13	22.79	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.72	2.13	22.7	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.64	2.13	22.62	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.47	2.13	22.45	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.67	2.13	22.65	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.50	2.13	22.48	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.66	2.13	22.64	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	5.73	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.47	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.66	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.40	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.79	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.36	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	6.35	13	PASS

Test Graphs

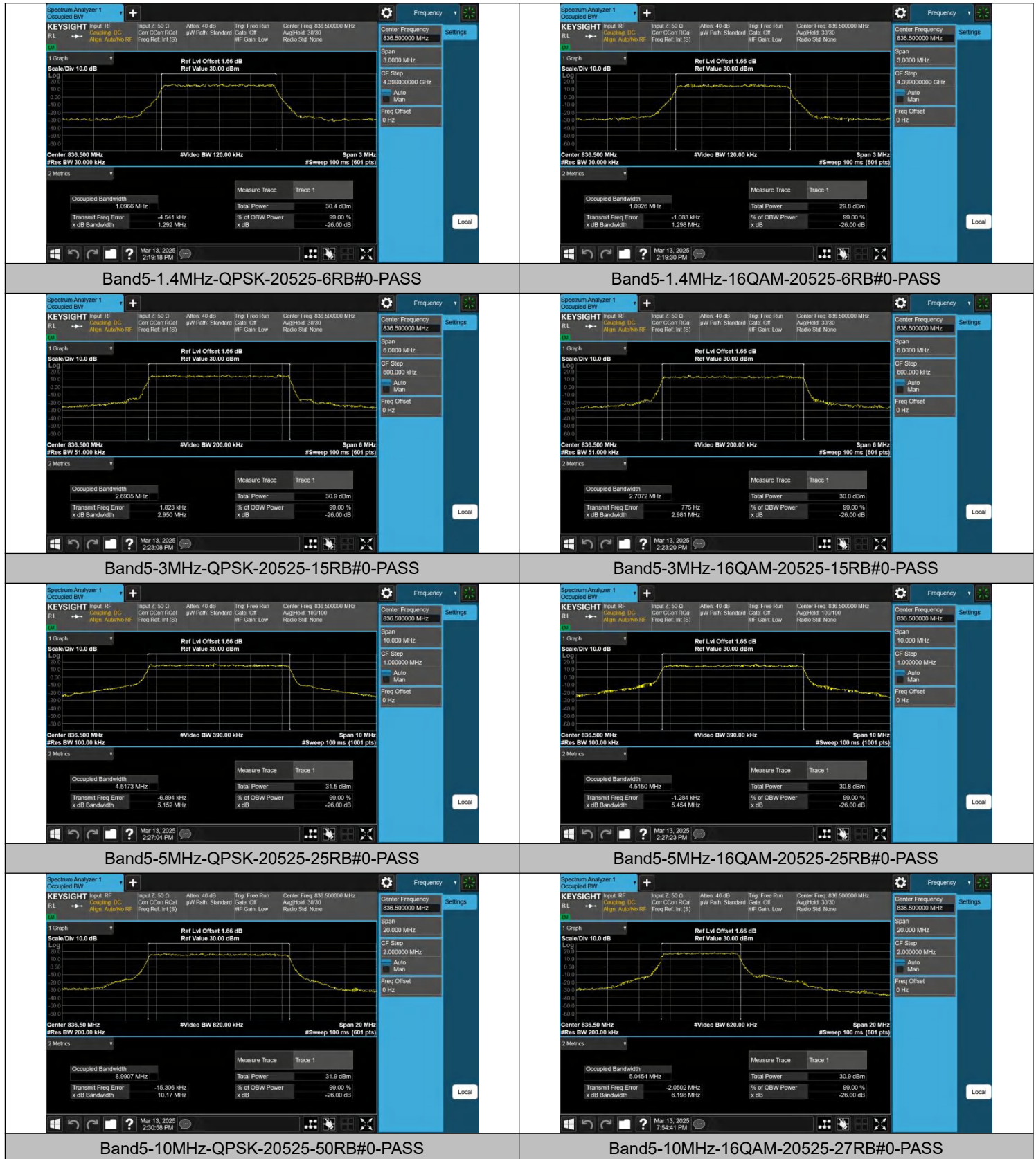


26dB Bandwidth and Occupied Bandwidth

Test Result

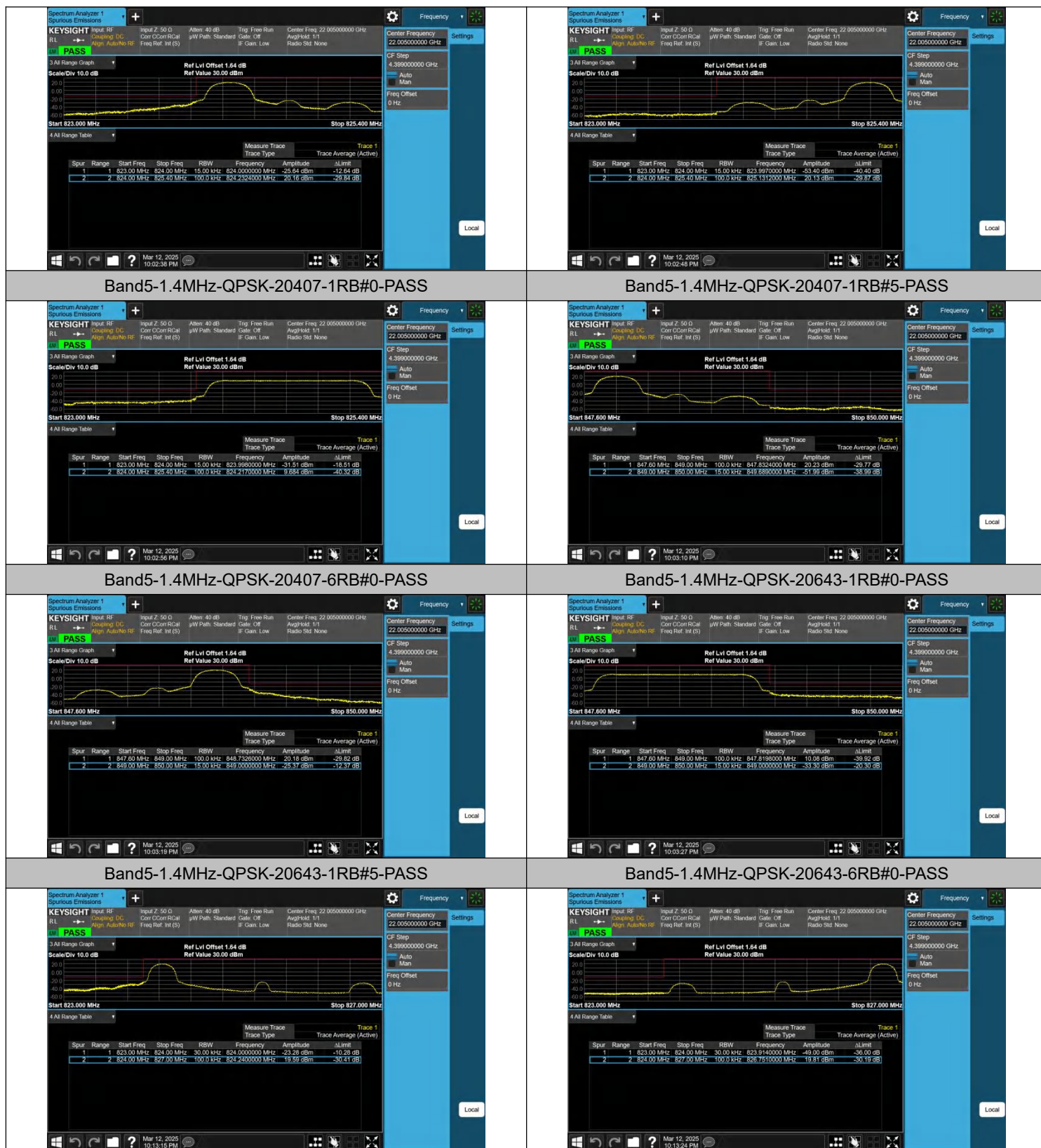
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0966	1.292	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0926	1.298	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6935	2.950	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7072	2.981	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5173	5.152	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5150	5.454	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9907	10.17	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.0454	6.198	PASS

Test Graphs

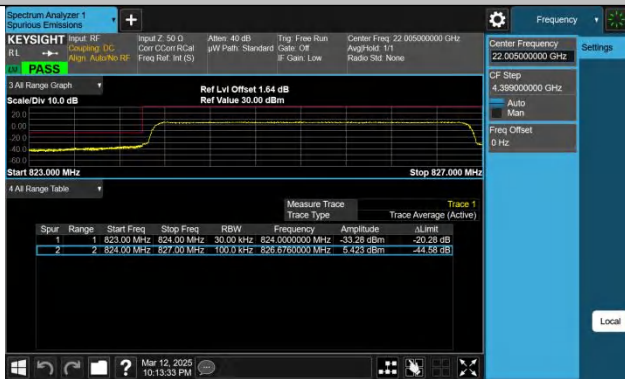


Band Edge

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



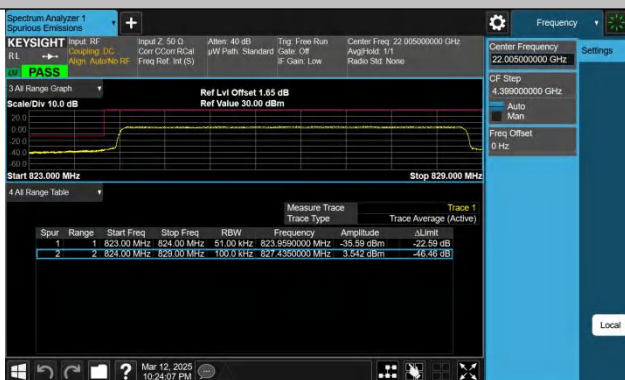
Band5-3MHz-QPSK-20635-1RB#14-PASS



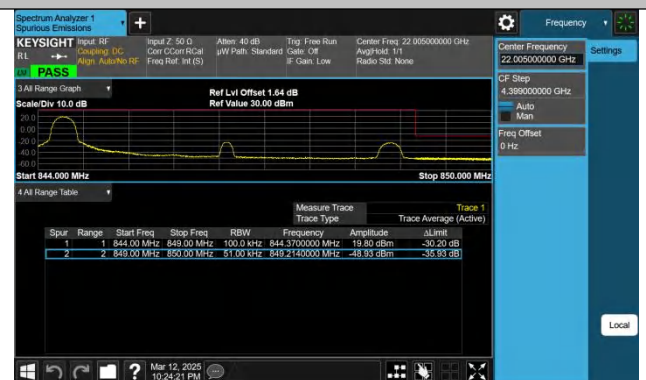
Band5-3MHz-QPSK-20635-15RB#0-PASS



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

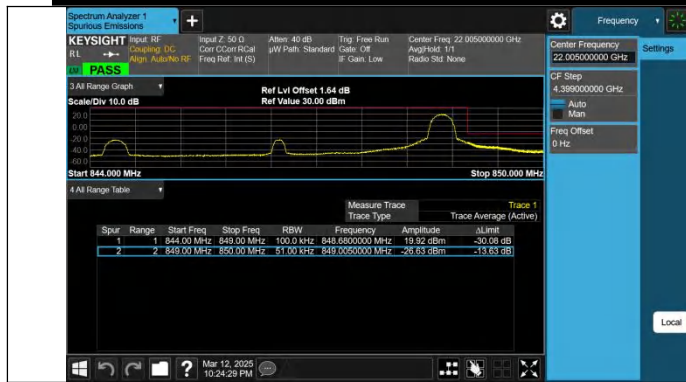


Band5-5MHz-QPSK-20425-1RB#24-PASS

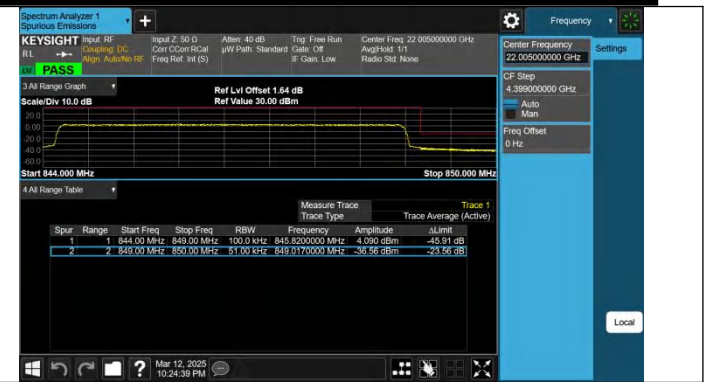


Band5-5MHz-QPSK-20425-25RB#0-PASS

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



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



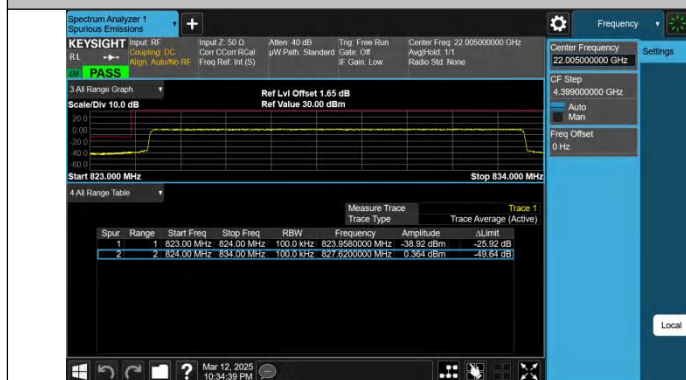
Band5-5MHz-QPSK-20625-25RB#0-PASS



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



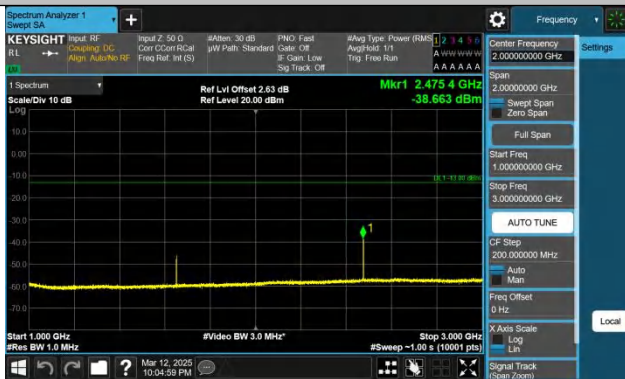
Band5-10MHz-QPSK-20600-50RB#0-PASS

Conducted Spurious Emission

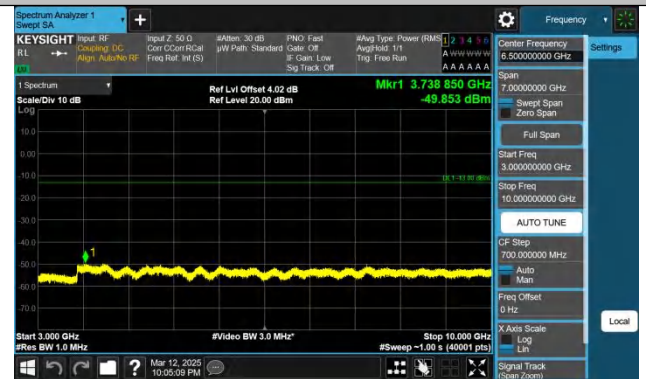
Test Graphs



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



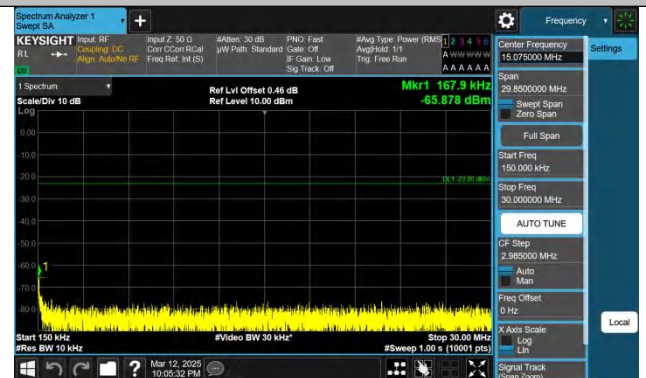
Band5-1.4MHz-QPSK-20407-1RB#5-30~1000-PASS



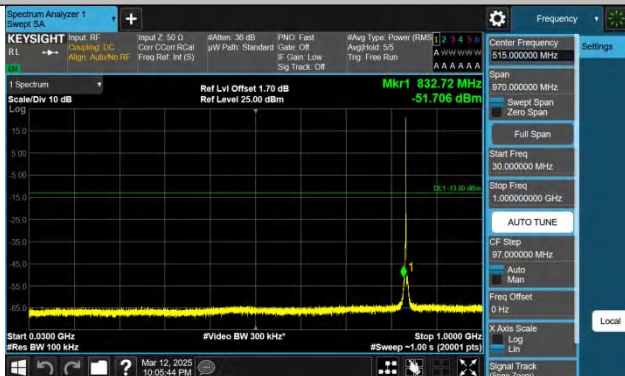
Band5-1.4MHz-QPSK-20407-1RB#5-1000~3000-PASS



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



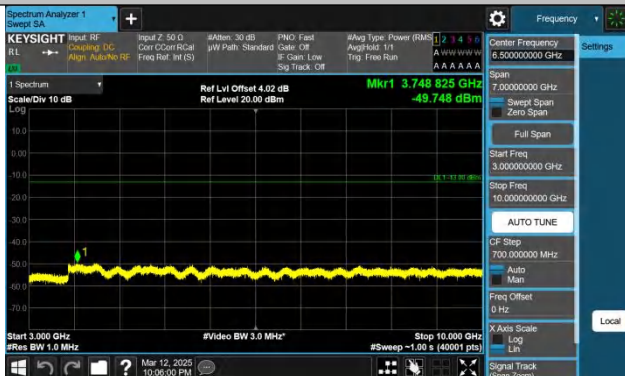
Band5-1.4MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



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

