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	23.48	0.3	21.63	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.52	0.3	20.67	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.40	0.3	21.55	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.40	0.3	21.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.28	0.3	21.43	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.45	0.3	20.6	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.65	0.3	21.8	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.27	0.3	21.42	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.34	0.3	21.49	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.33	0.3	20.48	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.41	0.3	21.56	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.00	0.3	21.15	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.35	0.3	20.5	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.56	0.3	19.71	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.44	0.3	20.59	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.16	0.3	20.31	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.00	0.3	21.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.52	0.3	19.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.95	0.3	21.1	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.85	0.3	21	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.28	0.3	20.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.34	0.3	19.49	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.32	0.3	20.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.24	0.3	20.39	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.23	0.3	21.38	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.43	0.3	20.58	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.10	0.3	21.25	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.09	0.3	21.24	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.24	0.3	21.39	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.37	0.3	20.52	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.24	0.3	21.39	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.20	0.3	21.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.04	0.3	21.19	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.31	0.3	20.46	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.22	0.3	21.37	38.45	PASS

Band5	3MHz	QPSK	20635	1RB#14	23.08	0.3	21.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.41	0.3	20.56	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.55	0.3	19.7	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.43	0.3	20.58	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.20	0.3	20.35	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.08	0.3	20.23	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.29	0.3	19.44	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.05	0.3	20.2	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.28	0.3	20.43	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.14	0.3	20.29	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.24	0.3	19.39	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.18	0.3	20.33	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.25	0.3	20.4	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.08	0.3	21.23	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.37	0.3	20.52	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.32	0.3	21.47	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.14	0.3	21.29	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.29	0.3	21.44	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.38	0.3	20.53	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.40	0.3	21.55	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.25	0.3	21.4	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.22	0.3	21.37	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.28	0.3	20.43	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.06	0.3	21.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.31	0.3	21.46	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.05	0.3	20.2	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.39	0.3	19.54	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.23	0.3	20.38	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.09	0.3	20.24	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.33	0.3	20.48	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.25	0.3	19.4	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.22	0.3	20.37	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.09	0.3	20.24	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.13	0.3	20.28	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.21	0.3	19.36	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.86	0.3	20.01	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.17	0.3	20.32	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.95	0.3	21.1	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.26	0.3	20.41	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.29	0.3	20.44	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.92	0.3	21.07	38.45	PASS

Band5	10MHz	QPSK	20450	1RB#49	23.06	0.3	21.21	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.07	0.3	21.22	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.33	0.3	20.48	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.27	0.3	20.42	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.53	0.3	21.68	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.20	0.3	21.35	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.09	0.3	21.24	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.34	0.3	20.49	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.31	0.3	20.46	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.68	0.3	21.83	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.14	0.3	21.29	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.28	0.3	20.43	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.22	0.3	19.37	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.19	0.3	19.34	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.45	0.3	20.6	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.17	0.3	20.32	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.92	0.3	20.07	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.42	0.3	19.57	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.37	0.3	19.52	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.58	0.3	20.73	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.87	0.3	20.02	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.53	0.3	20.68	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.07	0.3	19.22	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.21	0.3	19.36	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.10	0.3	21.25	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.52	0.3	20.67	38.45	PASS

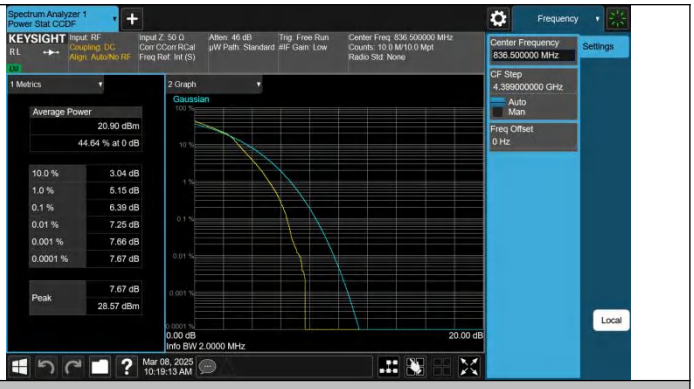
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.39	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.30	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.66	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.34	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.32	13	PASS

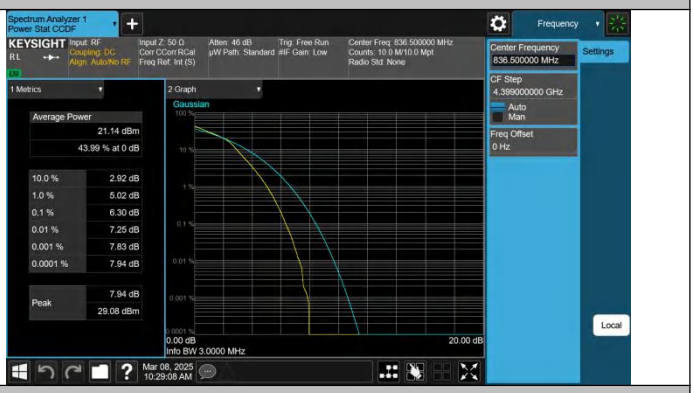
Test Graphs

Band5-1.4MHz-QPSK-20525-6RB#0-PASS



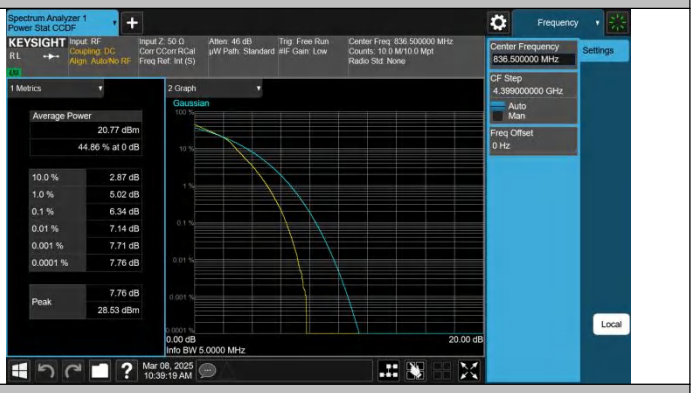
Band5-1.4MHz-16QAM-20525-6RB#0-PASS

Band5-3MHz-QPSK-20525-15RB#0-PASS



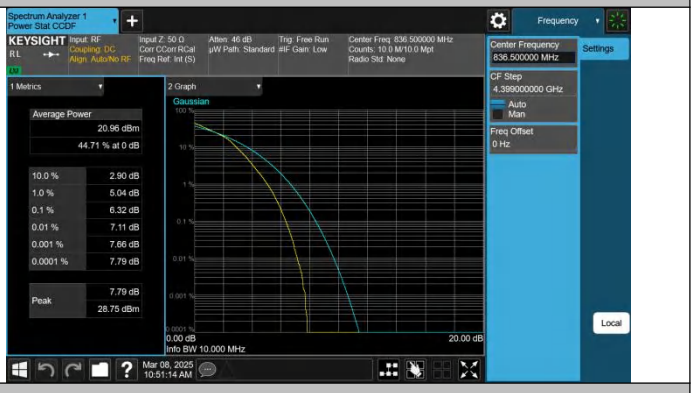
Band5-3MHz-16QAM-20525-15RB#0-PASS

Band5-5MHz-QPSK-20525-25RB#0-PASS



Band5-5MHz-16QAM-20525-25RB#0-PASS

Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS

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	1.0920	1.296	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1001	1.295	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7010	2.962	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6894	2.944	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5075	5.019	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4971	4.981	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9760	9.923	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0007	9.843	PASS

Test Graphs

Band5-1.4MHz-QPSK-20525-6RB#0-PASS

Band5-1.4MHz-16QAM-20525-6RB#0-PASS

Band5-3MHz-QPSK-20525-15RB#0-PASS

Band5-3MHz-16QAM-20525-15RB#0-PASS

Band5-5MHz-QPSK-20525-25RB#0-PASS

Band5-5MHz-16QAM-20525-25RB#0-PASS

Band5-10MHz-QPSK-20525-50RB#0-PASS

Band5-10MHz-16QAM-20525-50RB#0-PASS

Band Edge

Test Graphs

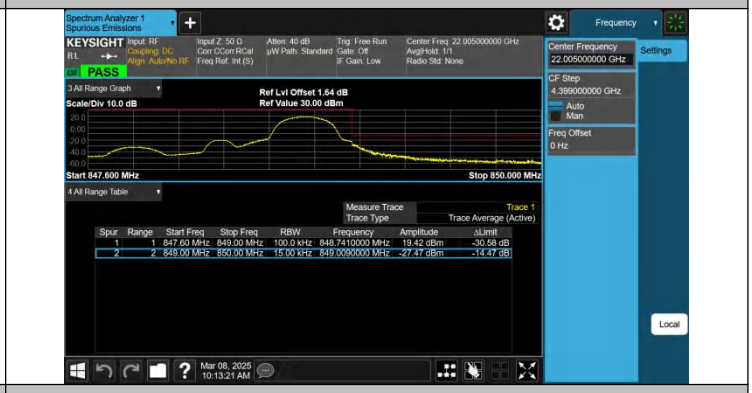
Band5-1.4MHz-QPSK-20407-1RB#0-PASS

Band5-1.4MHz-QPSK-20407-6RB#0-PASS

Band5-1.4MHz-QPSK-20407-1RB#5-PASS

Band5-1.4MHz-QPSK-20643-1RB#0-PASS

Band5-1.4MHz-QPSK-20643-6RB#0-PASS



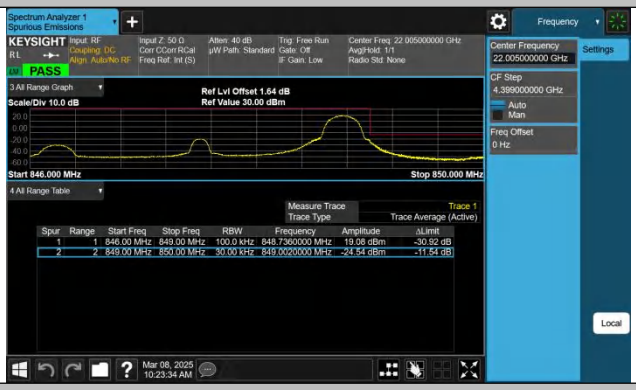
Band5-1.4MHz-QPSK-20643-1RB#5-PASS

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

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

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

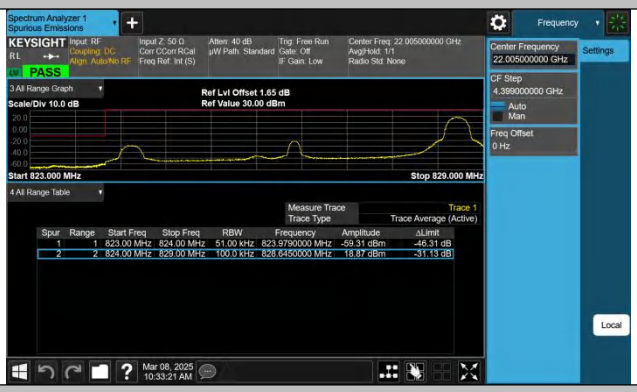
Band5-3MHz-QPSK-20635-1RB#0-PASS



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

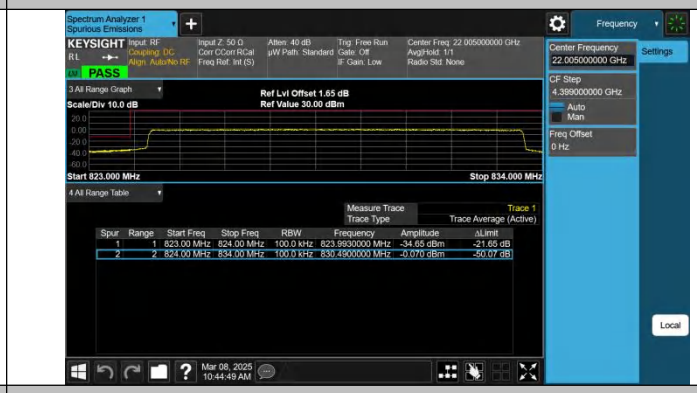
Band5-5MHz-QPSK-20425-1RB#24-PASS

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

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

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

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



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

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

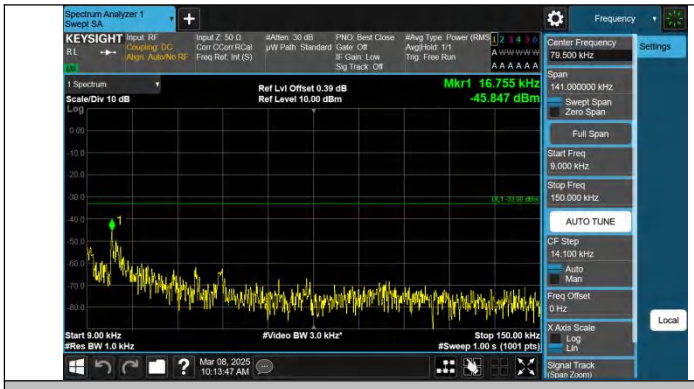
Band5-10MHz-QPSK-20600-1RB#0-PASS

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

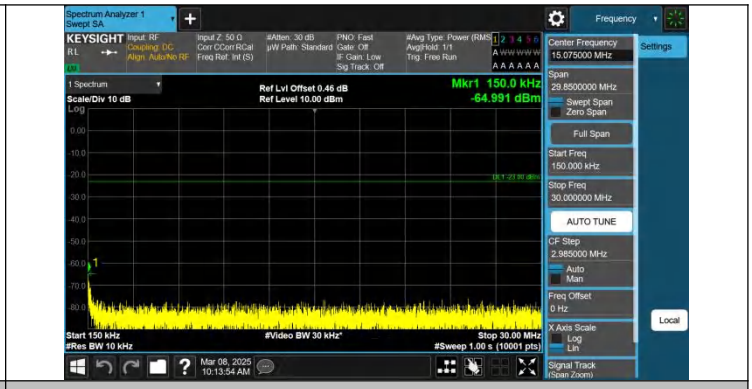
Band5-10MHz-QPSK-20600-1RB#49-PASS

Conducted Spurious Emission

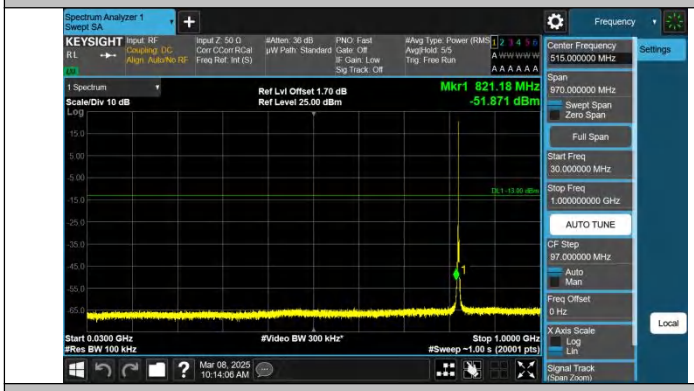
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-QPSK-20407-1RB#0-0.15~30-PASS

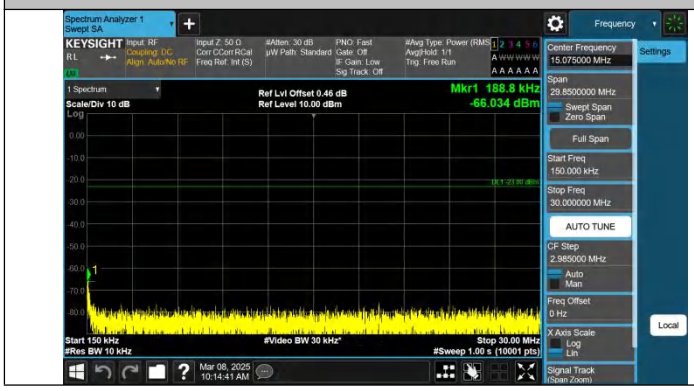


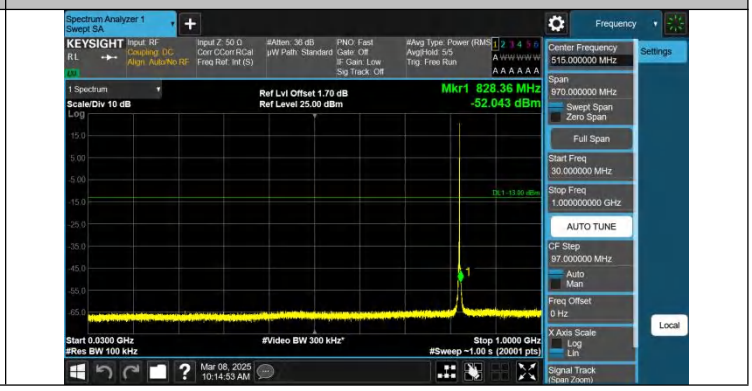
Band5-1.4MHz-QPSK-20407-1RB#0-30~1000-PASS

Band5-1.4MHz-QPSK-20407-1RB#0-1000~3000-PASS

Band5-1.4MHz-QPSK-20407-1RB#0-3000~10000-PASS

Band5-1.4MHz-QPSK-20407-1RB#5-0.009~0.15-PASS



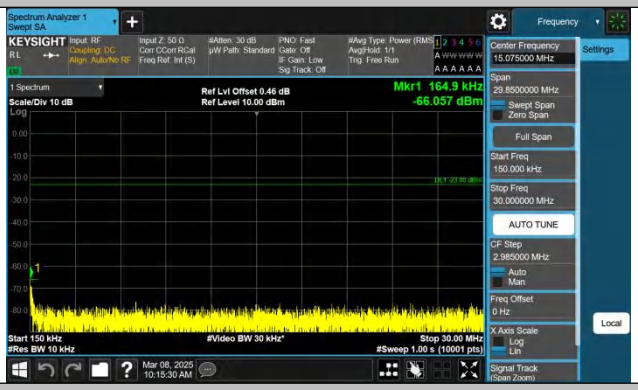


Band5-1.4MHz-QPSK-20407-1RB#5-0.15~30-PASS

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

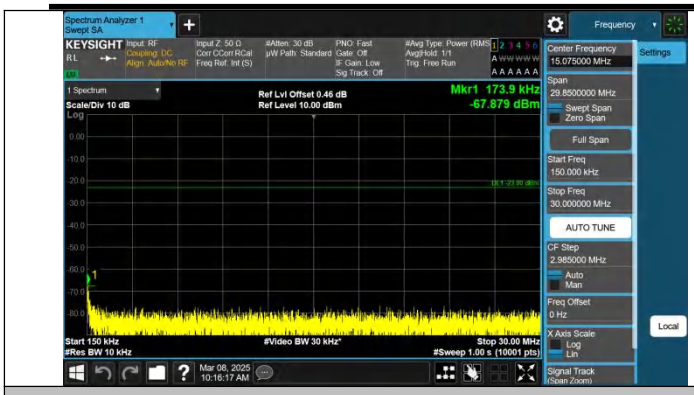
Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS

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

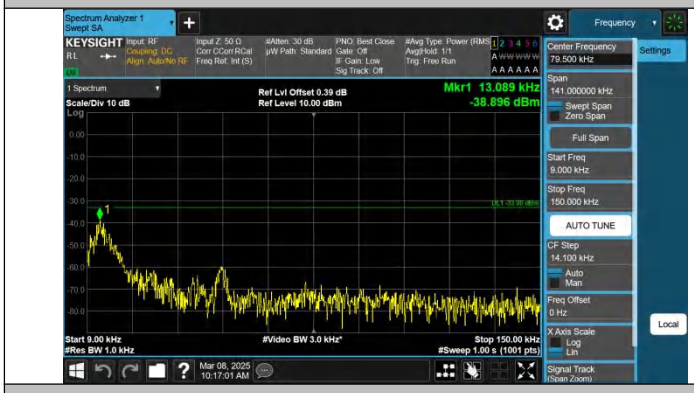


Band5-1.4MHz-QPSK-20525-1RB#5-0.15~30-PASS

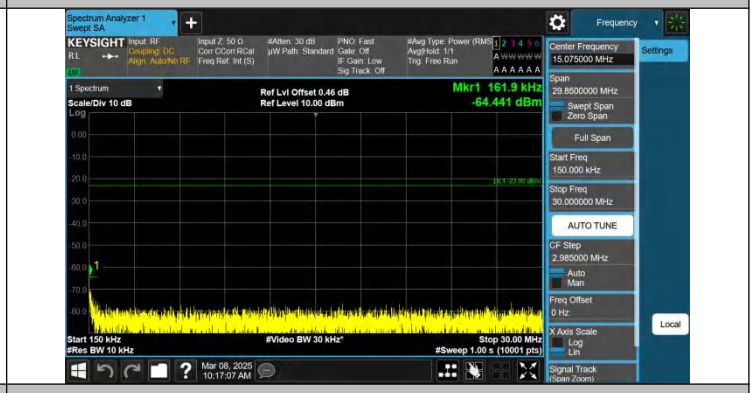
Band5-1.4MHz-QPSK-20525-1RB#5-30~1000-PASS

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

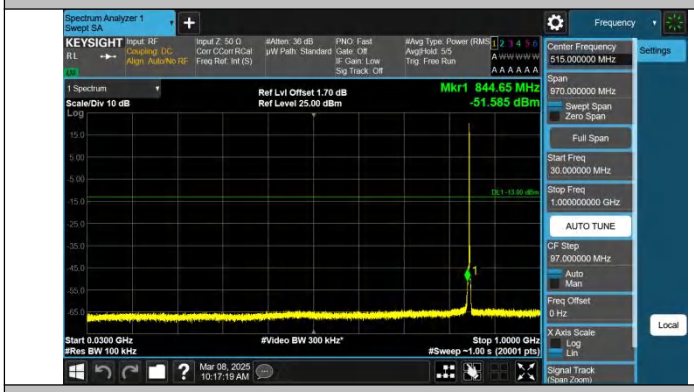
Band5-1.4MHz-QPSK-20525-1RB#5-3000~10000-PASS



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



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

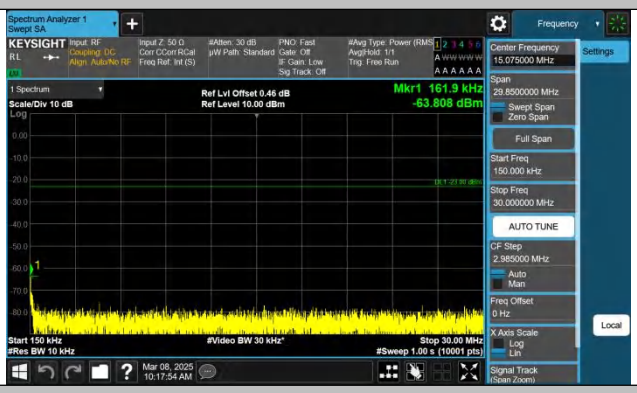


Band5-1.4MHz-QPSK-20643-1RB#0-30~1000-PASS

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

Band5-1.4MHz-QPSK-20643-1RB#0-3000~10000-PASS

Band5-1.4MHz-QPSK-20643-1RB#5-0.009~0.15-PASS

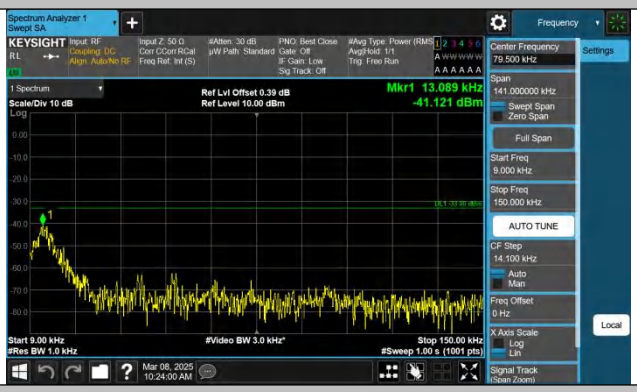


Band5-1.4MHz-QPSK-20643-1RB#5-0.15~30-PASS

Band5-1.4MHz-QPSK-20643-1RB#5-30~1000-PASS

Band5-1.4MHz-QPSK-20643-1RB#5-1000~3000-PASS

Band5-1.4MHz-QPSK-20643-1RB#5-3000~10000-PASS



Band5-3MHz-QPSK-20415-1RB#0-0.009~0.15-PASS

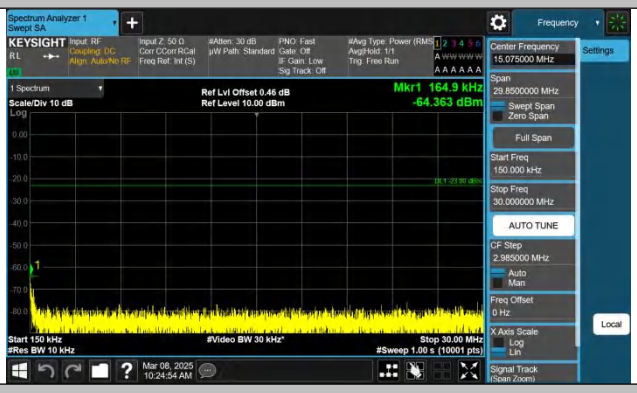
Band5-3MHz-QPSK-20415-1RB#0-0.15~30-PASS

Band5-3MHz-QPSK-20415-1RB#0-30~1000-PASS

Band5-3MHz-QPSK-20415-1RB#0-1000~3000-PASS

Band5-3MHz-QPSK-20415-1RB#0-3000~10000-PASS

Band5-3MHz-QPSK-20415-1RB#14-0.009~0.15-PASS



Band5-3MHz-QPSK-20415-1RB#14-0.15~30-PASS

Band5-3MHz-QPSK-20415-1RB#14-30~1000-PASS

Band5-3MHz-QPSK-20415-1RB#14-1000~3000-PASS

Band5-3MHz-QPSK-20415-1RB#14-3000~10000-PASS