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	22.95	2.13	22.93	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.21	2.13	22.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.96	2.13	22.94	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.25	2.13	23.23	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.12	2.13	23.1	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.11	2.13	22.09	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.14	2.13	23.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.15	2.13	23.13	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.34	2.13	23.32	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.26	2.13	22.24	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.32	2.13	23.3	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.47	2.13	23.45	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.2	2.13	22.18	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.11	2.13	21.09	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.41	2.13	22.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.22	2.13	22.2	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.93	2.13	21.91	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.16	2.13	21.14	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	22.05	2.13	22.03	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.44	2.13	22.42	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.33	2.13	21.31	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.78	2.13	22.76	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.28	2.13	22.26	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.14	2.13	23.12	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.2	2.13	22.18	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.09	2.13	23.07	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.94	2.13	22.92	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.89	2.13	22.87	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.12	2.13	22.1	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.13	2.13	23.11	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.32	2.13	23.3	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.13	2.13	23.11	38.45	PASS

Band5	3MHz	QPSK	20635	15RB#0	22.34	2.13	22.32	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.4	2.13	23.38	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.17	2.13	23.15	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.12	2.13	22.1	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.17	2.13	21.15	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.08	2.13	22.06	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.02	2.13	22	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.17	2.13	22.15	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.09	2.13	21.07	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.13	2.13	22.11	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.27	2.13	22.25	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.39	2.13	22.37	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.44	2.13	21.42	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.29	2.13	22.27	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.52	2.13	22.5	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.14	2.13	23.12	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.14	2.13	22.12	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.11	2.13	23.09	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.97	2.13	22.95	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.95	2.13	22.93	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.04	2.13	22.02	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.1	2.13	23.08	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.92	2.13	22.9	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.11	2.13	23.09	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.31	2.13	22.29	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.26	2.13	23.24	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.35	2.13	23.33	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.84	2.13	21.82	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.11	2.13	21.09	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.83	2.13	21.81	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.57	2.13	21.55	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.76	2.13	21.74	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.2	2.13	21.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.04	2.13	22.02	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.03	2.13	22.01	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.01	2.13	21.99	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.47	2.13	21.45	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.24	2.13	22.22	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.28	2.13	22.26	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.01	2.13	22.99	38.45	PASS

Band5	10MHz	QPSK	20450	25RB#0	22.2	2.13	22.18	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.13	2.13	22.11	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.9	2.13	22.88	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.94	2.13	22.92	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.85	2.13	22.83	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.07	2.13	22.05	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.12	2.13	22.1	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.04	2.13	23.02	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.01	2.13	22.99	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.01	2.13	22.99	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.29	2.13	22.27	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.28	2.13	22.26	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.57	2.13	23.55	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.11	2.13	23.09	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.2	2.13	22.18	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.13	2.13	21.11	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.06	2.13	21.04	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.28	2.13	22.26	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.06	2.13	22.04	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.88	2.13	21.86	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.23	2.13	21.21	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.1	2.13	21.08	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.46	2.13	22.44	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.91	2.13	21.89	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.52	2.13	22.5	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.29	2.13	21.27	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.24	2.13	21.22	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.81	2.13	22.79	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.73	2.13	22.71	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	5.14	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.01	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.21	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.01	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.15	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.00	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.11	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.92	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	1.0952	1.287	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1017	1.283	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6910	2.969	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6914	2.972	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5084	5.024	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5043	4.969	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9748	9.921	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9794	9.798	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

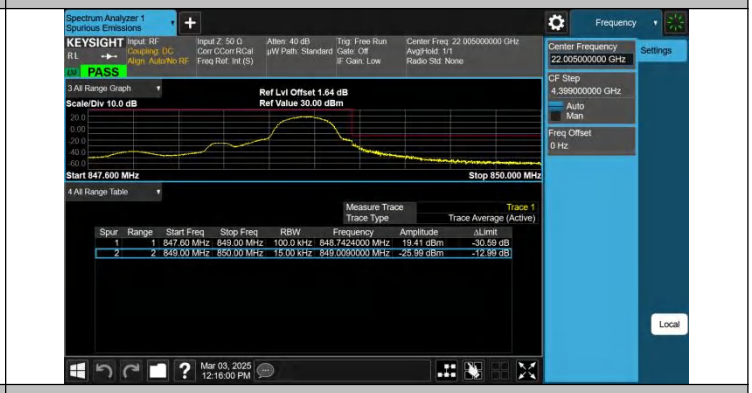
Band5-1.4MHz-QPSK-20407-1RB#0-PASS

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



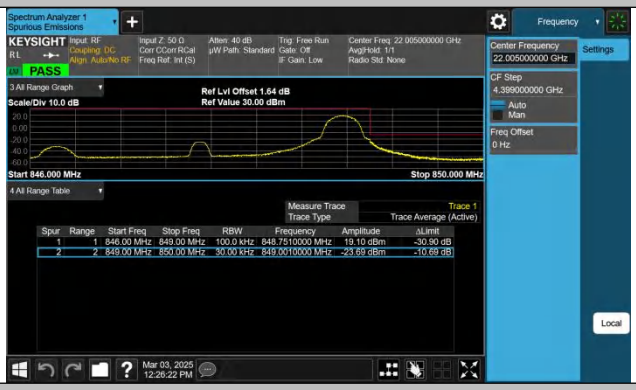
Band5-1.4MHz-QPSK-20643-1RB#5-PASS

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

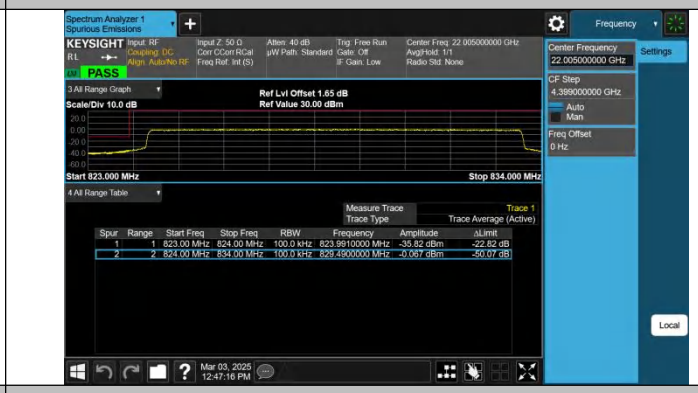
Band5-5MHz-QPSK-20425-1RB#24-PASS

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

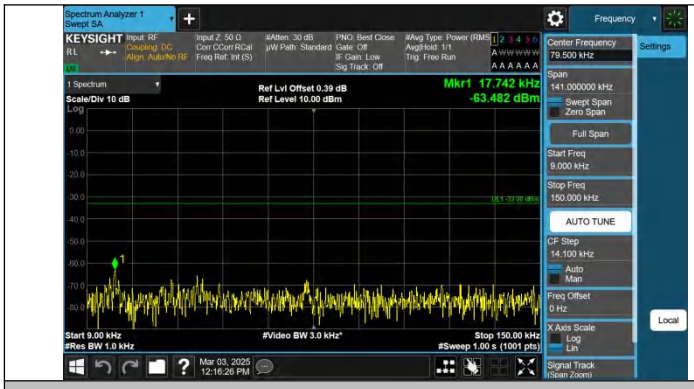
Band5-10MHz-QPSK-20600-1RB#0-PASS

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

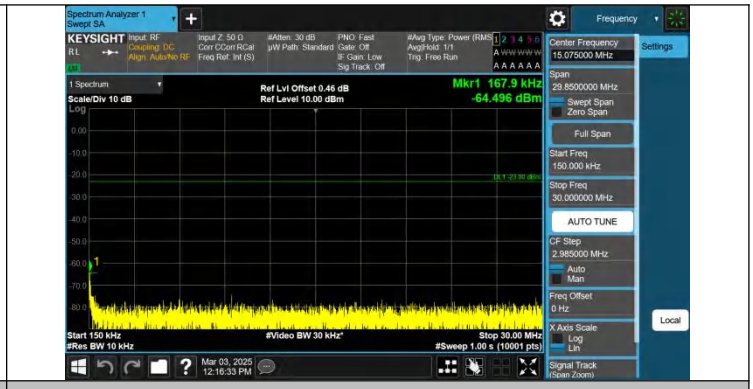
Band5-10MHz-QPSK-20600-1RB#49-PASS

Conducted Spurious Emission

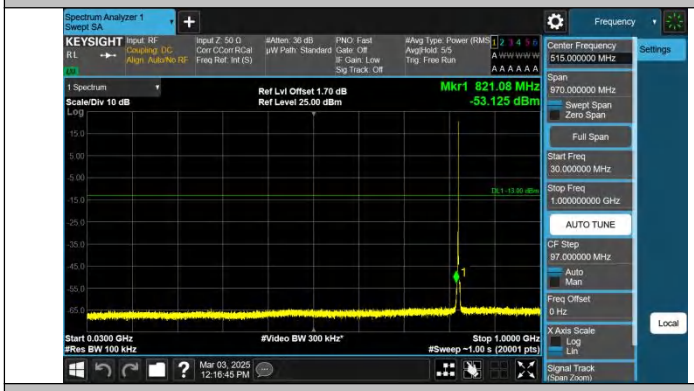
Test Graphs



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



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

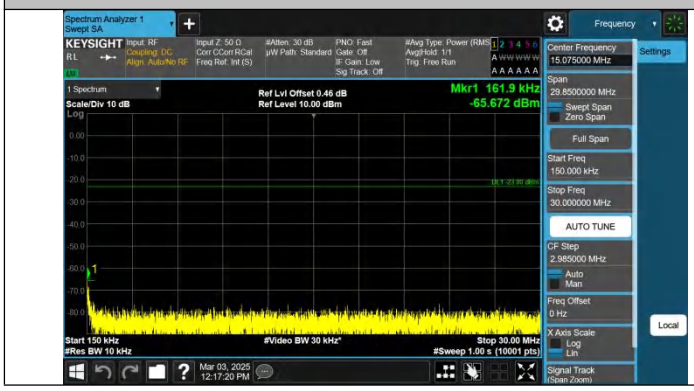


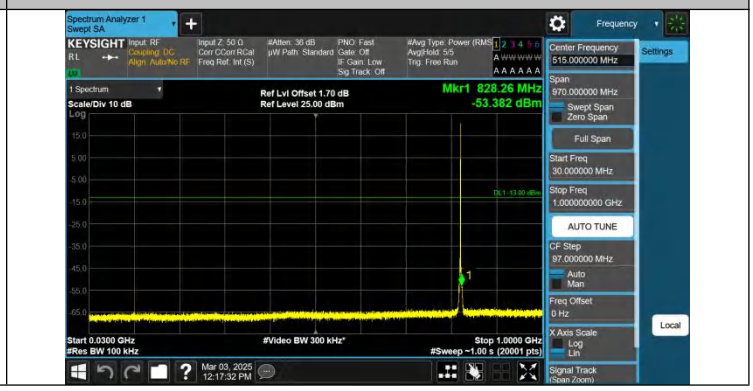
Band5-1.4MHz-QPSK-20407-1RB#0-30~1000-PASS

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



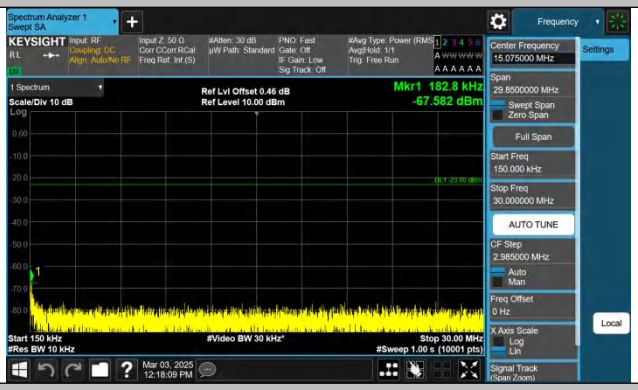


Band5-1.4MHz-QPSK-20407-1RB#5-0.15~30-PASS

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

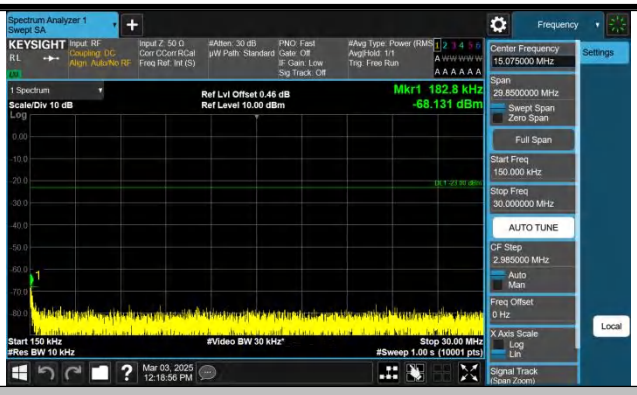
Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS

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



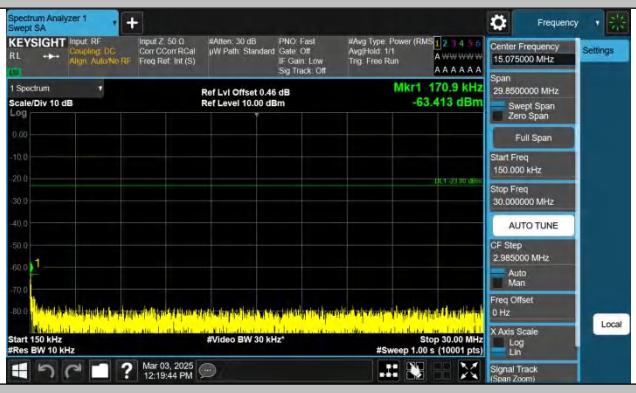
Band5-1.4MHz-QPSK-20525-1RB#5-0.15~30-PASS

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



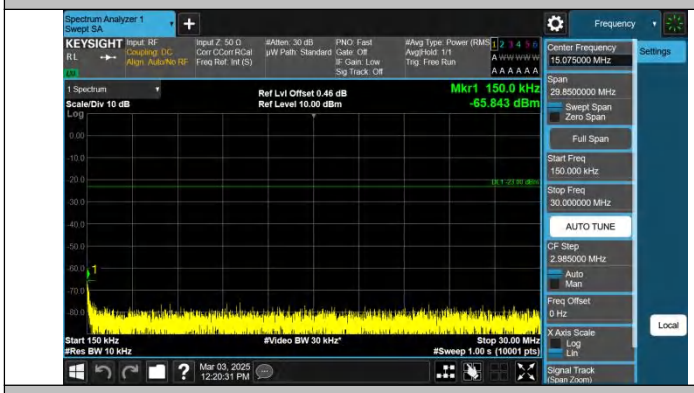
Band5-1.4MHz-QPSK-20643-1RB#0-0.15~30-PASS

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

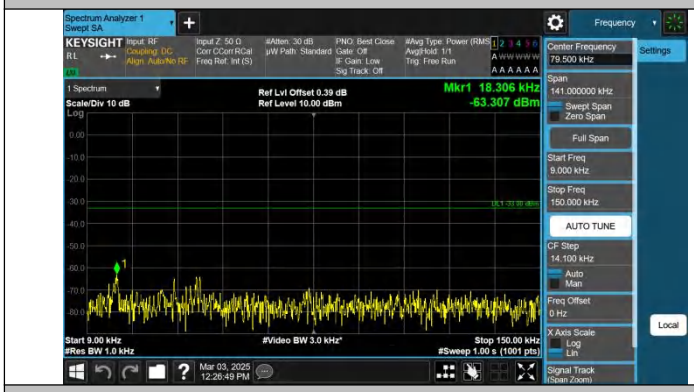


Band5-1.4MHz-QPSK-20643-1RB#5-0.15~30-PASS

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

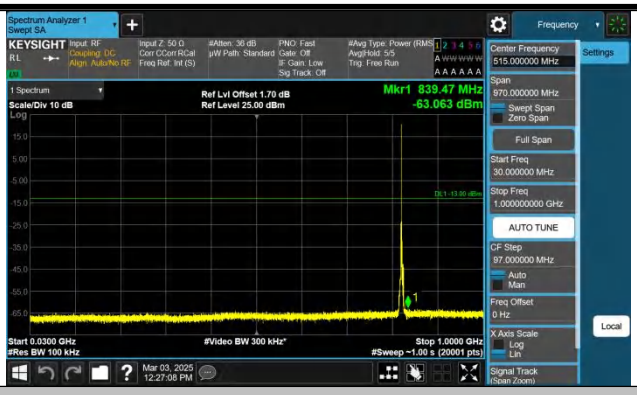
Band5-1.4MHz-QPSK-20643-1RB#5-1000~3000-PASS

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

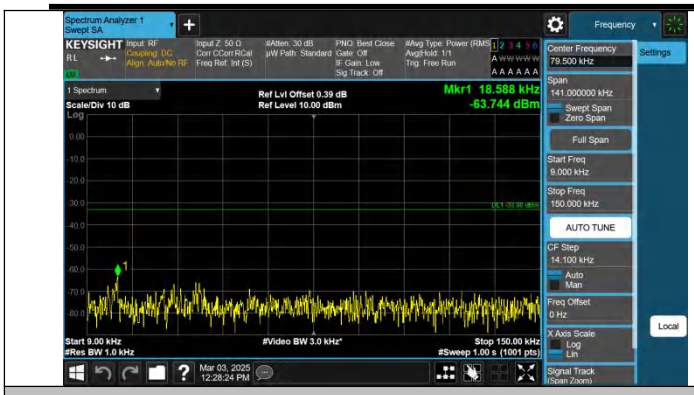
Band5-3MHz-QPSK-20415-1RB#14-0.009~0.15-PASS

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

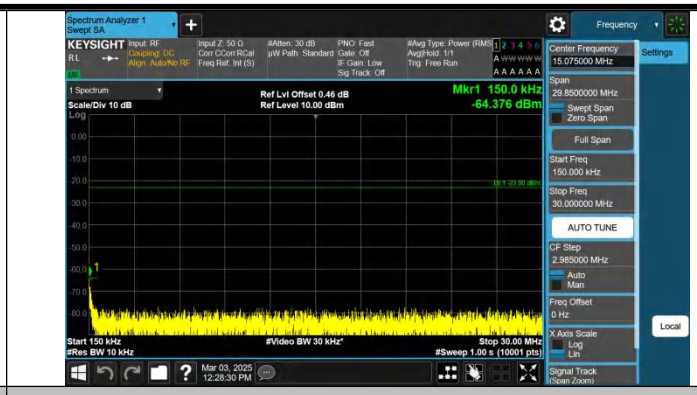
Band5-3MHz-QPSK-20415-1RB#14-30~1000-PASS

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

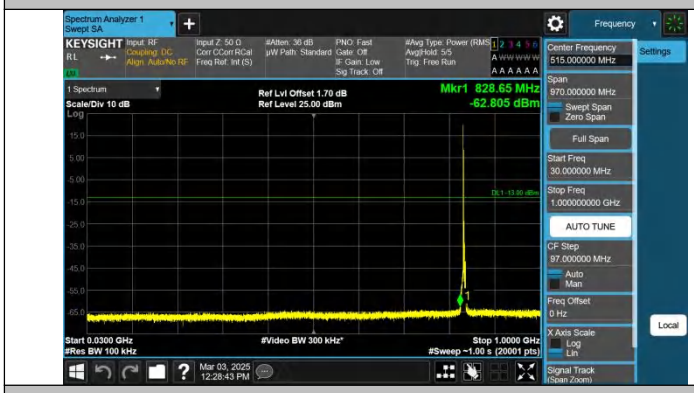
Band5-3MHz-QPSK-20415-1RB#14-3000~10000-PASS



Band5-3MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



Band5-3MHz-QPSK-20525-1RB#0-0.15~30-PASS

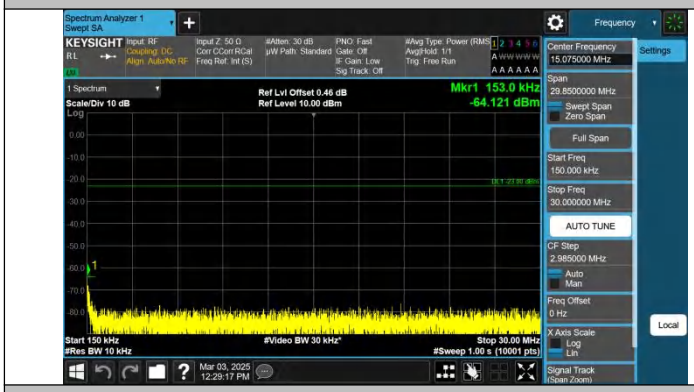


Band5-3MHz-QPSK-20525-1RB#0-30~1000-PASS

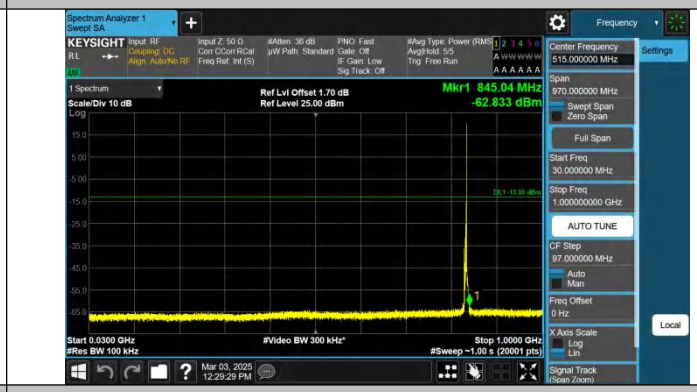
Band5-3MHz-QPSK-20525-1RB#0-1000~3000-PASS

Band5-3MHz-QPSK-20525-1RB#0-3000~10000-PASS

Band5-3MHz-QPSK-20525-1RB#14-0.009~0.15-PASS



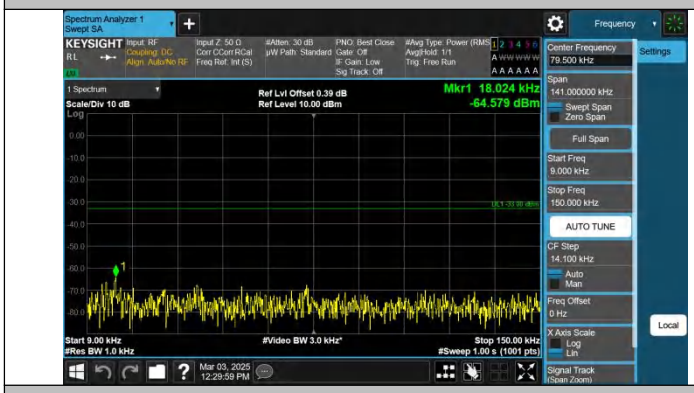
Band5-3MHz-QPSK-20525-1RB#14-0.15~30-PASS



Band5-3MHz-QPSK-20525-1RB#14-30~1000-PASS

Band5-3MHz-QPSK-20525-1RB#14-1000~3000-PASS

Band5-3MHz-QPSK-20525-1RB#14-3000~10000-PASS



Band5-3MHz-QPSK-20635-1RB#0-0.009~0.15-PASS

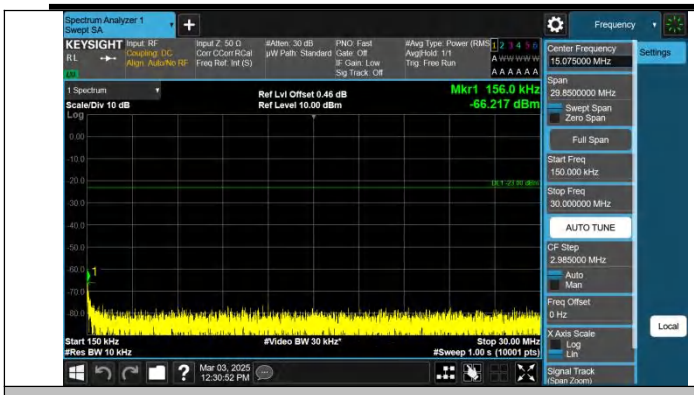
Band5-3MHz-QPSK-20635-1RB#0-0.15~30-PASS

Band5-3MHz-QPSK-20635-1RB#0-30~1000-PASS

Band5-3MHz-QPSK-20635-1RB#0-1000~3000-PASS

Band5-3MHz-QPSK-20635-1RB#0-3000~10000-PASS

Band5-3MHz-QPSK-20635-1RB#14-0.009~0.15-PASS



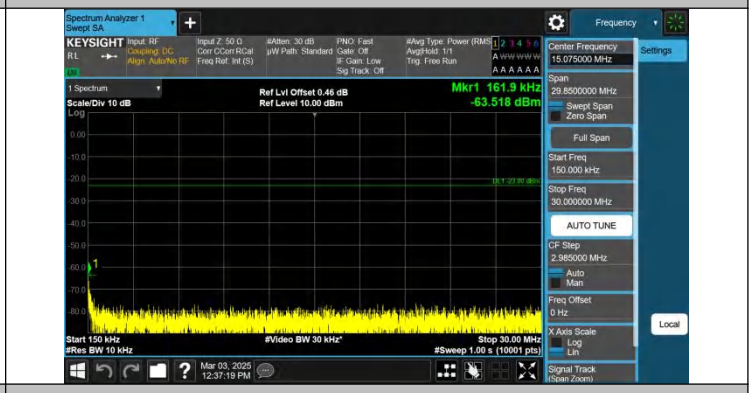
Band5-3MHz-QPSK-20635-1RB#14-0.15~30-PASS

Band5-3MHz-QPSK-20635-1RB#14-30~1000-PASS

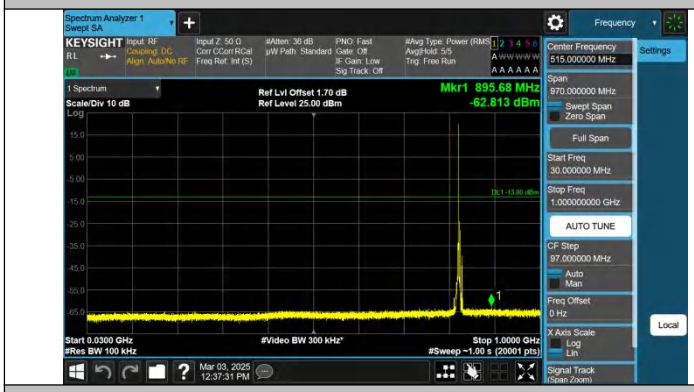
Band5-3MHz-QPSK-20635-1RB#14-1000~3000-PASS

Band5-3MHz-QPSK-20635-1RB#14-3000~10000-PASS

Band5-5MHz-QPSK-20425-1RB#0-0.009~0.15-PASS



Band5-5MHz-QPSK-20425-1RB#0-0.15~30-PASS



Band5-5MHz-QPSK-20425-1RB#0-30~1000-PASS

Band5-5MHz-QPSK-20425-1RB#0-1000~3000-PASS