

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	23.5	2.13	23.48	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.38	2.13	22.36	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.26	2.13	22.24	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.32	2.13	21.3	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.5	2.13	22.48	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.58	2.13	22.56	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.43	2.13	22.41	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.66	2.13	21.64	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.71	2.13	22.69	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.59	2.13	22.57	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.53	2.13	22.51	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.78	2.13	21.76	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.32	2.13	21.3	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.21	2.13	21.19	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.36	2.13	21.34	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.41	2.13	20.39	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.71	2.13	21.69	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.96	2.13	21.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.5	2.13	21.48	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.68	2.13	20.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.69	2.13	21.67	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.44	2.13	21.42	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.59	2.13	21.57	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.82	2.13	20.8	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.12	2.13	22.1	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.5	2.13	22.48	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.33	2.13	22.31	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.33	2.13	21.31	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.37	2.13	22.35	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.63	2.13	22.61	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.37	2.13	22.35	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.66	2.13	21.64	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.32	2.13	22.3	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.68	2.13	22.66	38.45	PASS

Band5	3MHz	QPSK	20635	1RB#14	22.45	2.13	22.43	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.8	2.13	21.78	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.25	2.13	21.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.36	2.13	21.34	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.45	2.13	21.43	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.49	2.13	20.47	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.39	2.13	21.37	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.94	2.13	21.92	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.42	2.13	21.4	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.74	2.13	20.72	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.65	2.13	21.63	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.61	2.13	21.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.5	2.13	21.48	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.83	2.13	20.81	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.33	2.13	22.31	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.47	2.13	22.45	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.79	2.13	22.77	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.48	2.13	21.46	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.79	2.13	22.77	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.68	2.13	22.66	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.63	2.13	22.61	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.72	2.13	21.7	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.71	2.13	22.69	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.61	2.13	22.59	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.61	2.13	22.59	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.79	2.13	21.77	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.15	2.13	21.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.15	2.13	21.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.48	2.13	21.46	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.63	2.13	20.61	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.02	2.13	22	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.91	2.13	21.89	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.88	2.13	21.86	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.75	2.13	20.73	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.76	2.13	21.74	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.58	2.13	21.56	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.69	2.13	21.67	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.89	2.13	20.87	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.49	2.13	22.47	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.94	2.13	22.92	38.45	PASS

Band5	10MHz	QPSK	20450	1RB#49	22.8	2.13	22.78	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.69	2.13	21.67	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.82	2.13	22.8	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.6	2.13	22.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.76	2.13	22.74	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.83	2.13	21.81	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.74	2.13	22.72	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.73	2.13	22.71	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.67	2.13	22.65	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.86	2.13	21.84	38.45	PASS
Band5	10MHz	16QAM	20450	27RB#0	20.82	2.13	20.8	38.45	PASS
Band5	10MHz	16QAM	20525	27RB#0	20.83	2.13	20.81	38.45	PASS
Band5	10MHz	16QAM	20600	27RB#0	20.86	2.13	20.84	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.6	2.13	21.58	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.79	2.13	21.77	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.93	2.13	21.91	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.85	2.13	21.83	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.94	2.13	21.92	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.68	2.13	21.66	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.08	2.13	22.06	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.64	2.13	21.62	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.02	2.13	22	38.45	PASS

Peak-to-Average Ratio(CCDF)

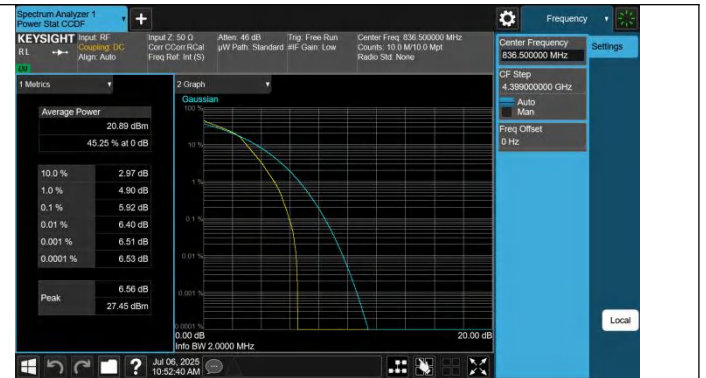
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	5.24	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.92	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.37	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.11	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.44	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.86	13	PASS

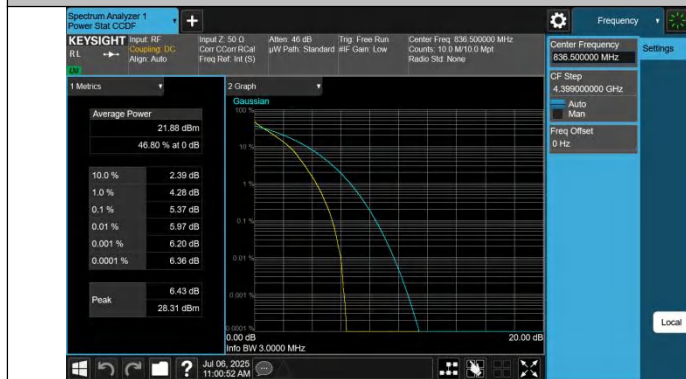
Test Graphs



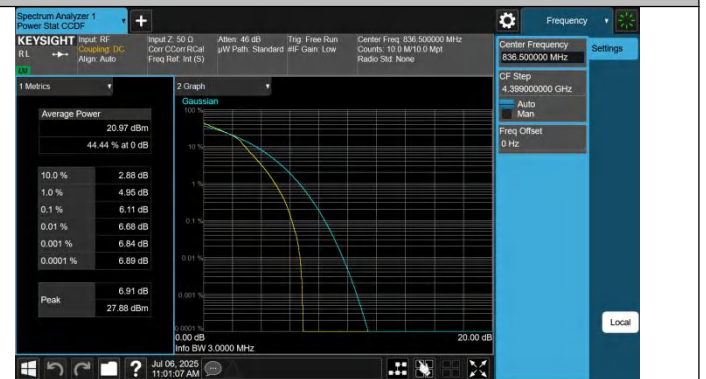
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



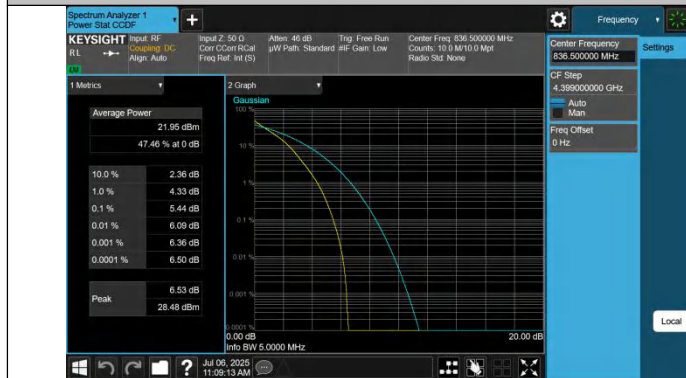
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



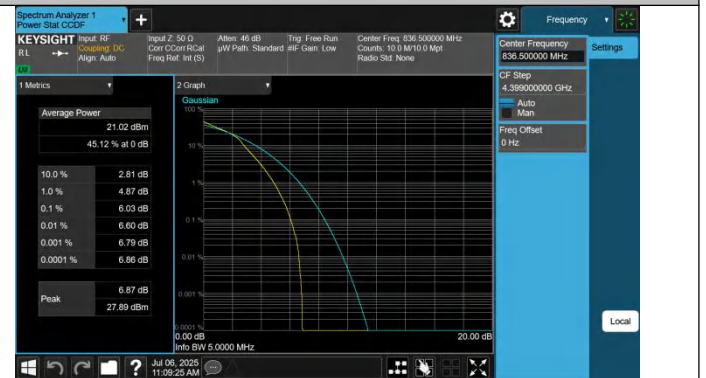
Band5-3MHz-QPSK-20525-15RB#0-PASS



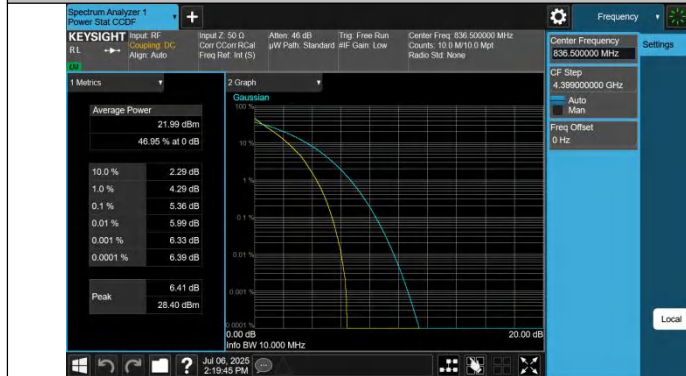
Band5-3MHz-16QAM-20525-15RB#0-PASS



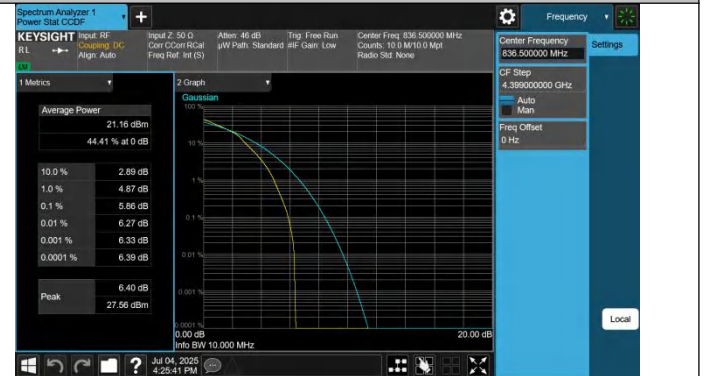
Band5-5MHz-QPSK-20525-25RB#0-PASS



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



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



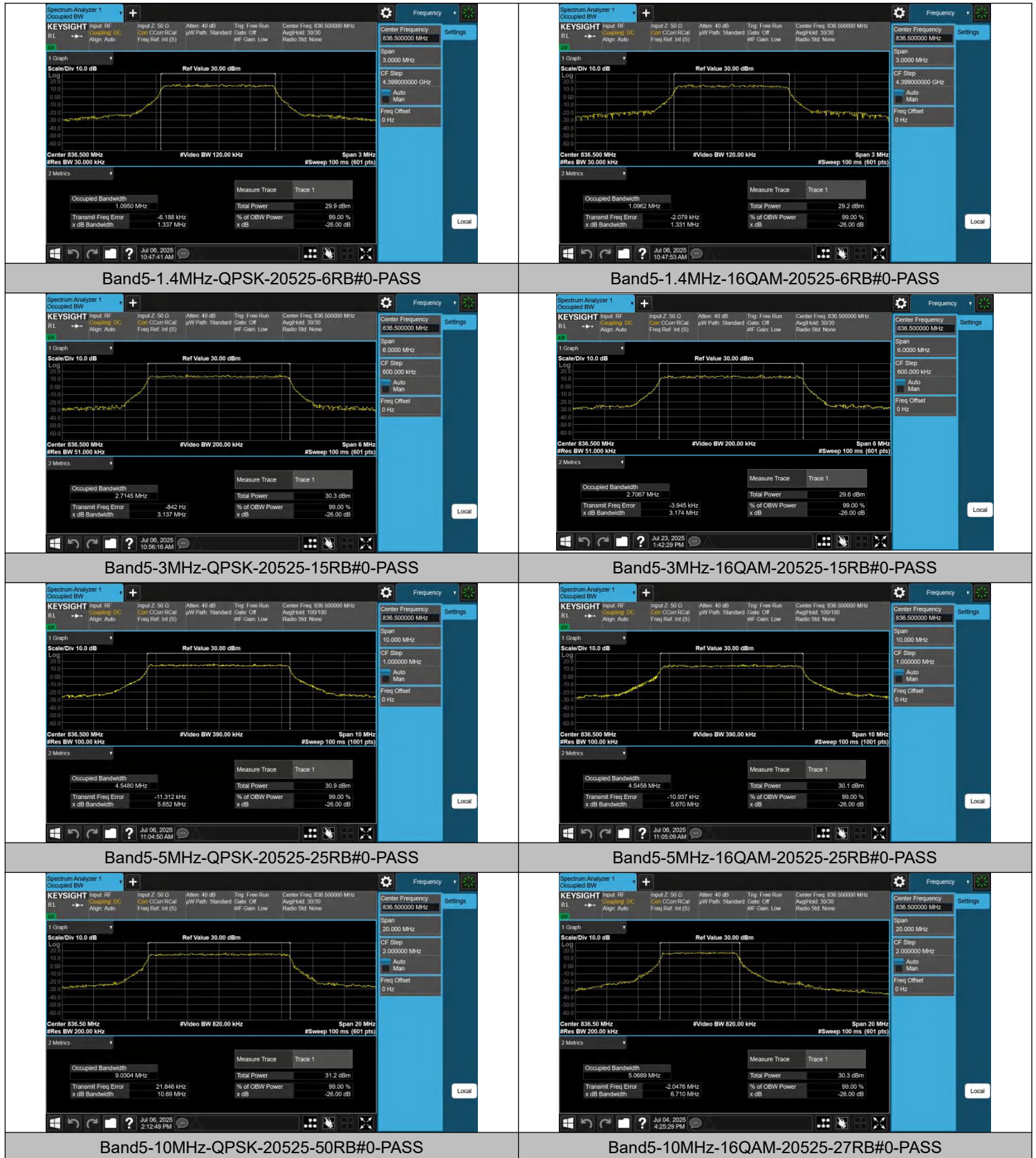
Band5-10MHz-16QAM-20525-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

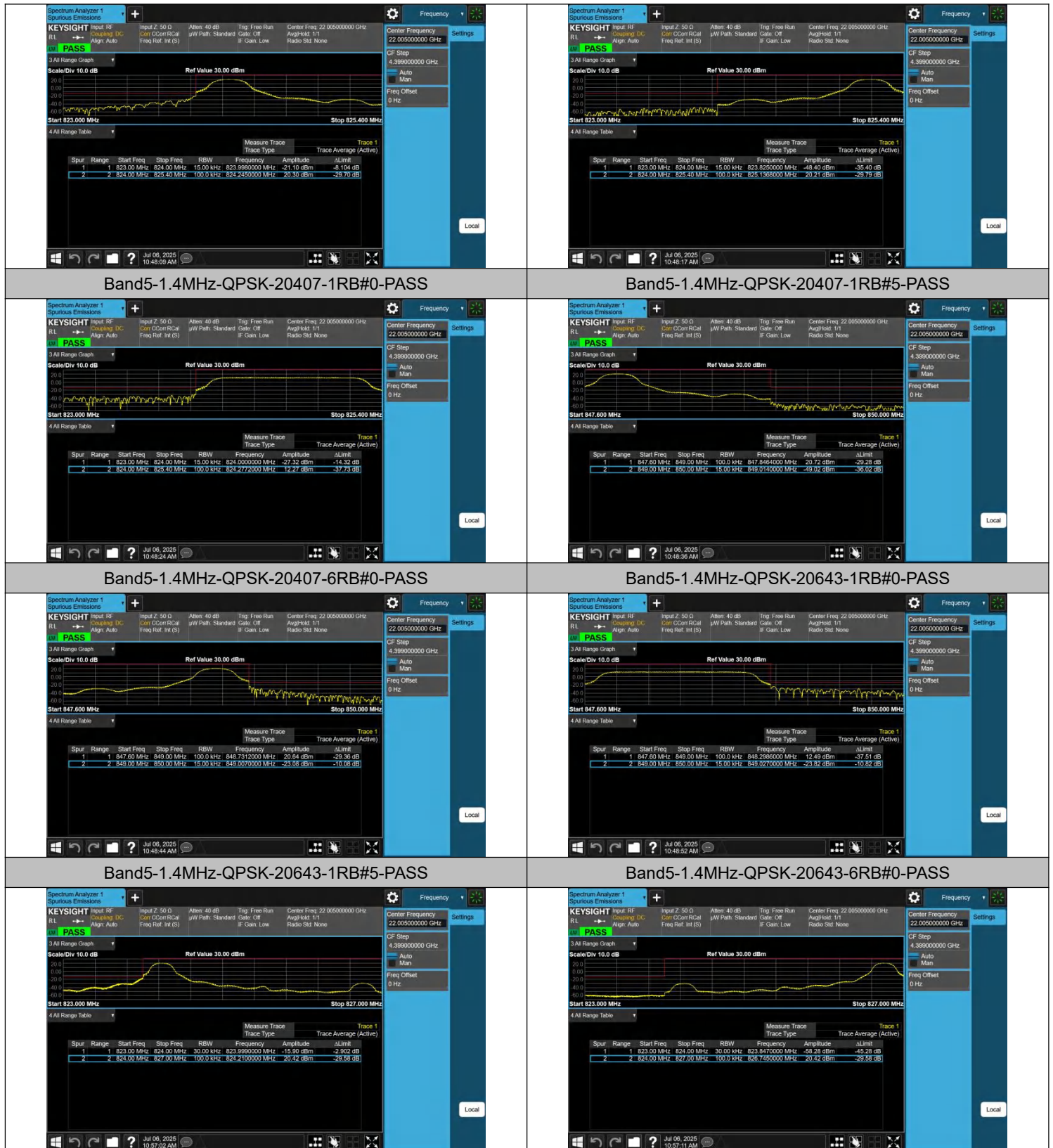
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	1.0950	1.337	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0962	1.331	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7145	3.137	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7057	3.174	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5480	5.652	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5458	5.670	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0304	10.69	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.0689	6.710	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



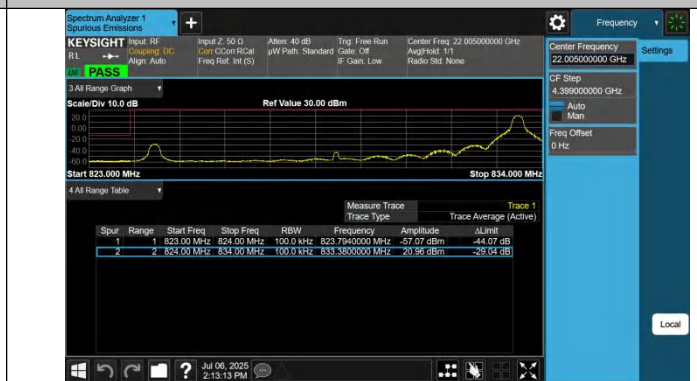
Band5-5MHz-QPSK-20625-1RB#24-PASS



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



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



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



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



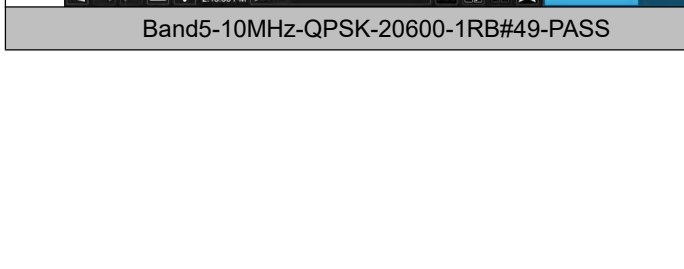
Band5-10MHz-QPSK-20450-1RB#49-PASS



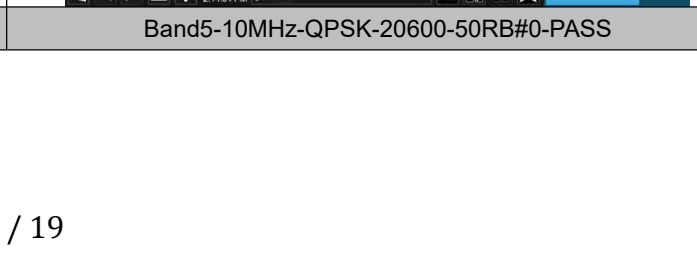
Band5-10MHz-QPSK-20450-50RB#0-PASS



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



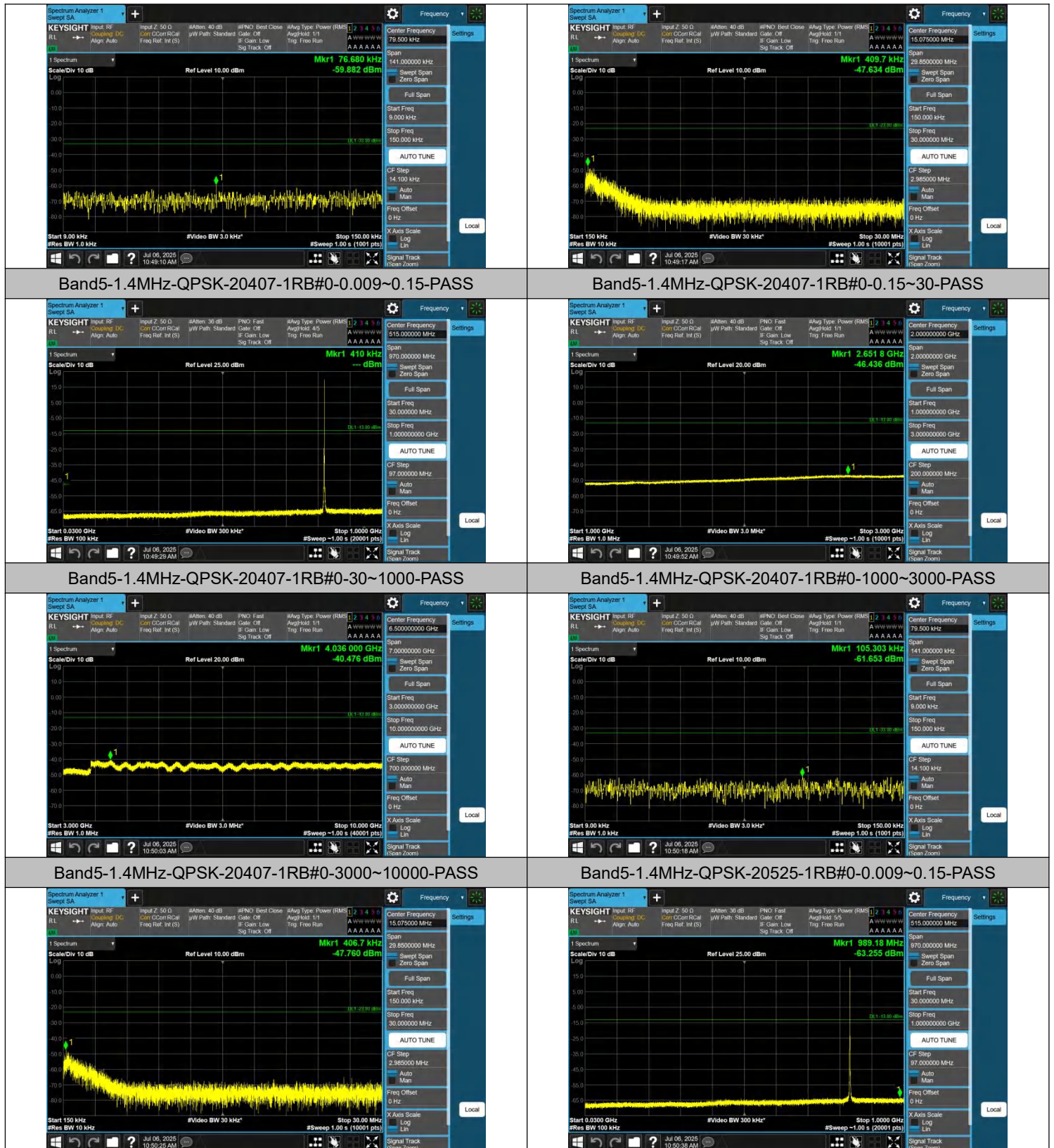
Band5-10MHz-QPSK-20600-1RB#49-PASS



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

Conducted Spurious Emission

Test Graphs



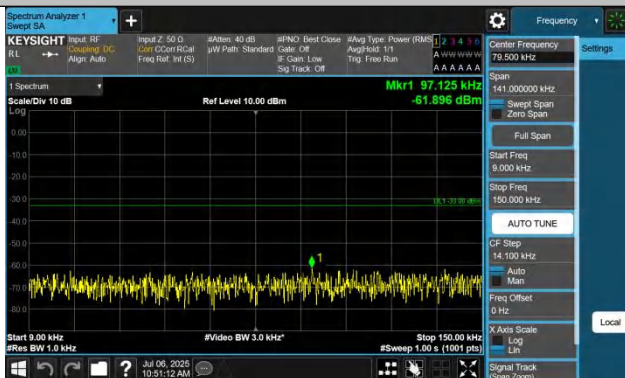
Band5-1.4MHz-QPSK-20525-1RB#0-0.15~30-PASS



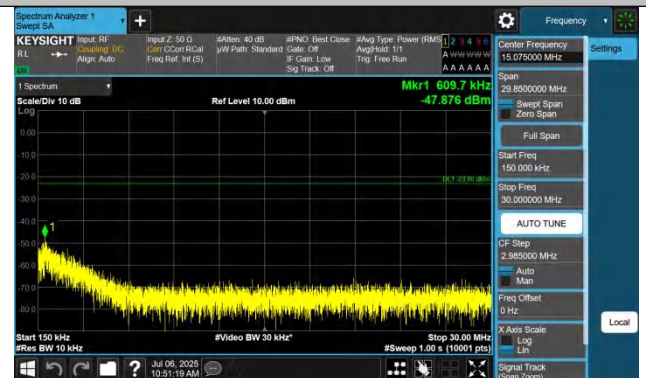
Band5-1.4MHz-QPSK-20525-1RB#0-30~1000-PASS



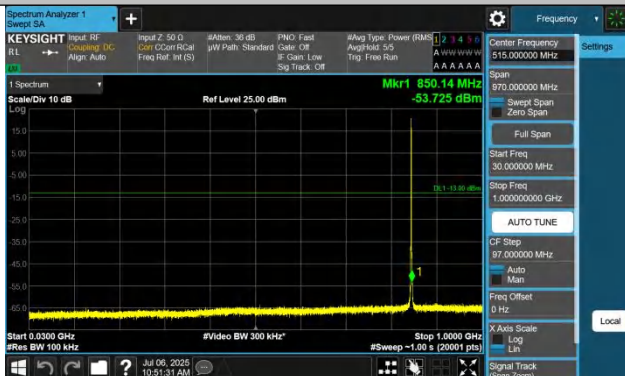
Band5-1.4MHz-QPSK-20525-1RB#0-1000~3000-PASS



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



Band5-1.4MHz-QPSK-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

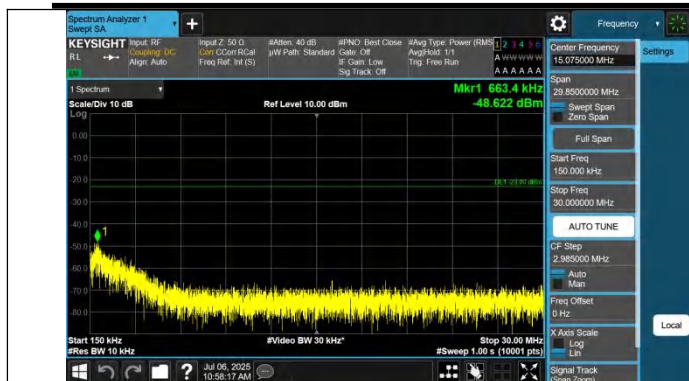


Band5-1.4MHz-QPSK-20643-1RB#0-1000~3000-PASS



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

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



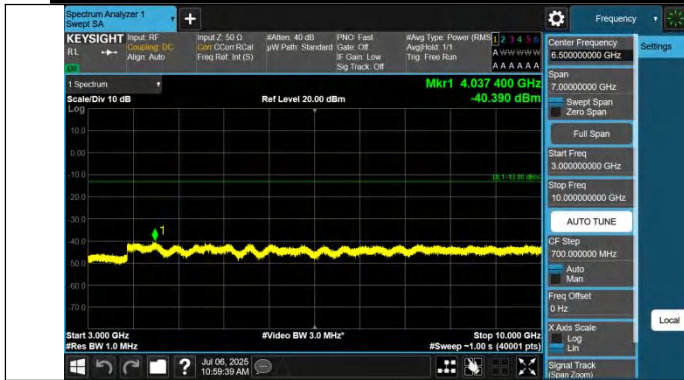
Band5-3MHz-QPSK-20525-1RB#0-0.15~30-PASS



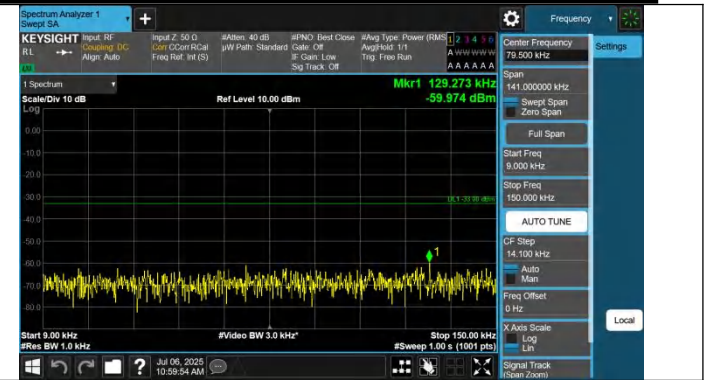
Band5-3MHz-QPSK-20525-1RB#0-30~1000-PASS



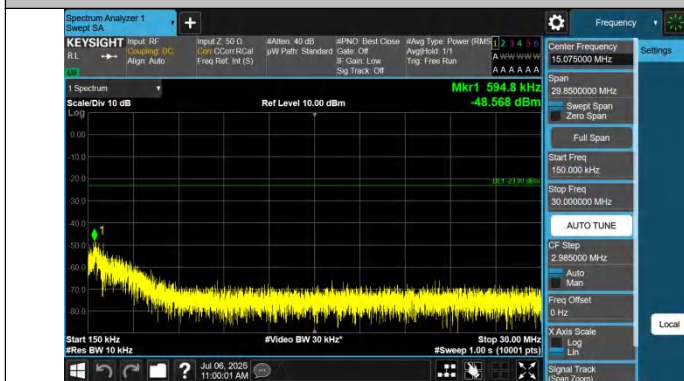
Band5-3MHz-QPSK-20525-1RB#0-1000~3000-PASS



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



Band5-3MHz-QPSK-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



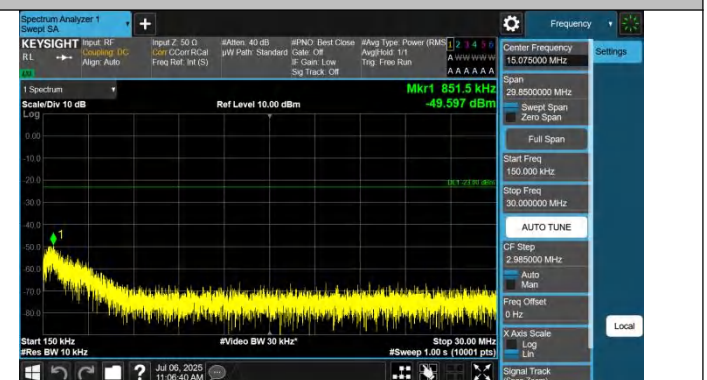
Band5-3MHz-QPSK-20635-1RB#0-1000~3000-PASS



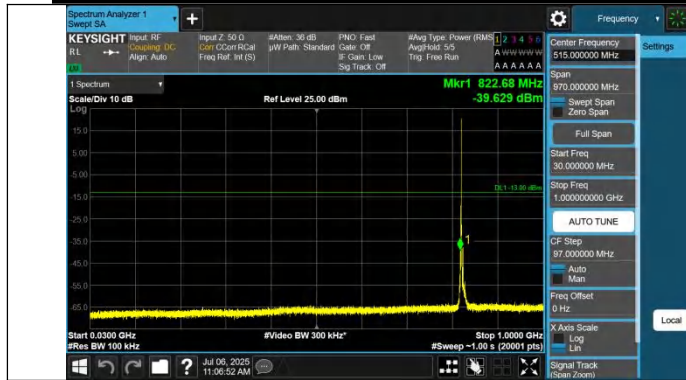
Band5-3MHz-QPSK-20635-1RB#0-3000~10000-PASS



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



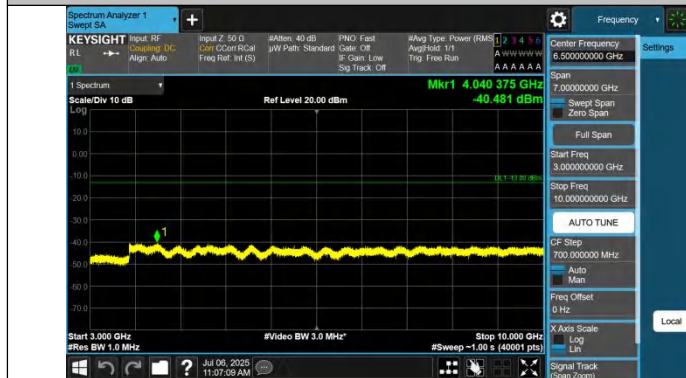
Band5-5MHz-QPSK-20425-1RB#0-0.15~30-PASS



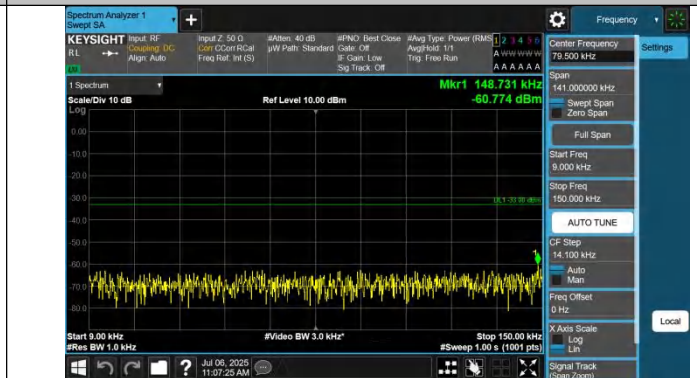
Band5-5MHz-QPSK-20425-1RB#0-30~1000-PASS



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



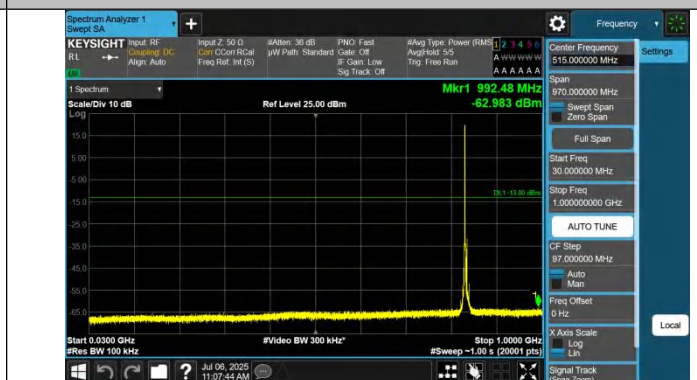
Band5-5MHz-QPSK-20425-1RB#0-3000~10000-PASS



Band5-5MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



Band5-5MHz-QPSK-20525-1RB#0-0.15~30-PASS



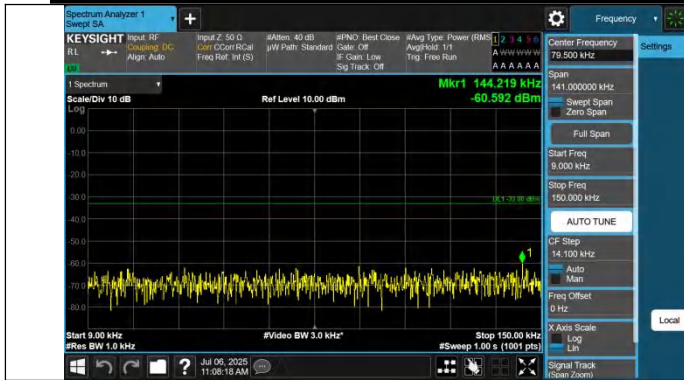
Band5-5MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-5MHz-QPSK-20525-1RB#0-1000~3000-PASS



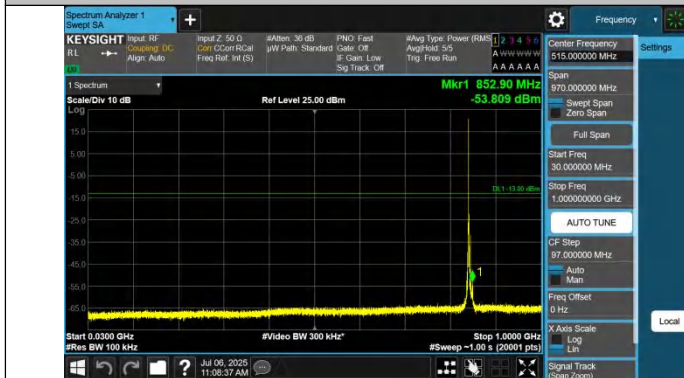
Band5-5MHz-QPSK-20525-1RB#0-3000~10000-PASS



Band5-5MHz-QPSK-20625-1RB#0-0.009~0.15-PASS



Band5-5MHz-QPSK-20625-1RB#0-0.15~30-PASS



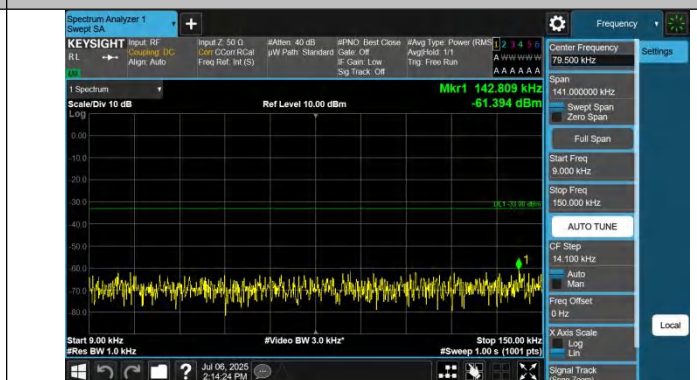
Band5-5MHz-QPSK-20625-1RB#0-30~1000-PASS



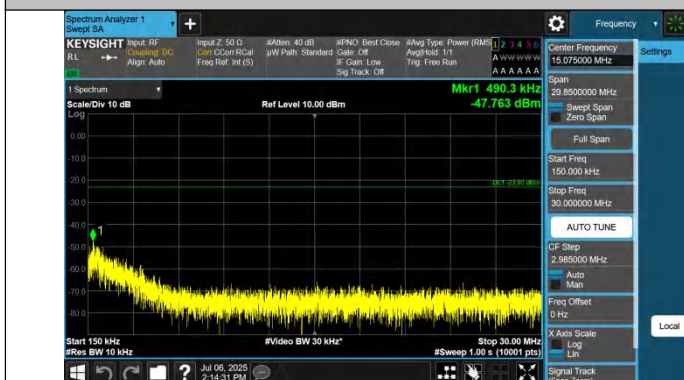
Band5-5MHz-QPSK-20625-1RB#0-1000~3000-PASS



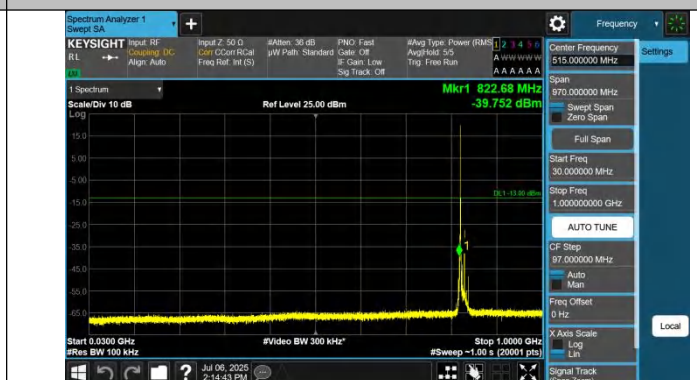
Band5-5MHz-QPSK-20625-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20450-1RB#0-0.009~0.15-PASS



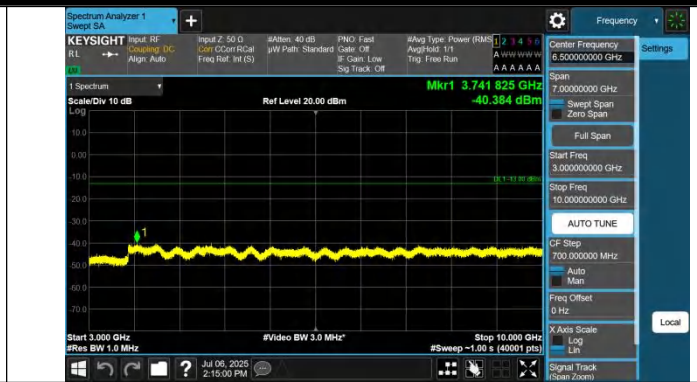
Band5-10MHz-QPSK-20450-1RB#0-0.15~30-PASS



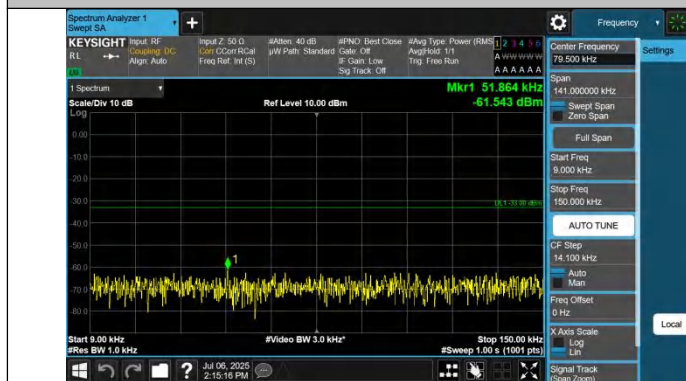
Band5-10MHz-QPSK-20450-1RB#0-30~1000-PASS



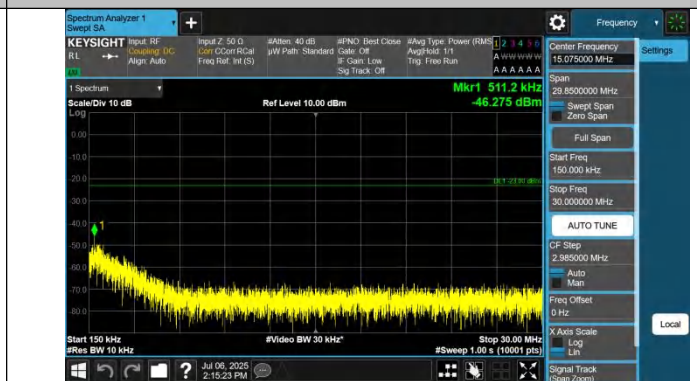
Band5-10MHz-QPSK-20450-1RB#0-1000~3000-PASS



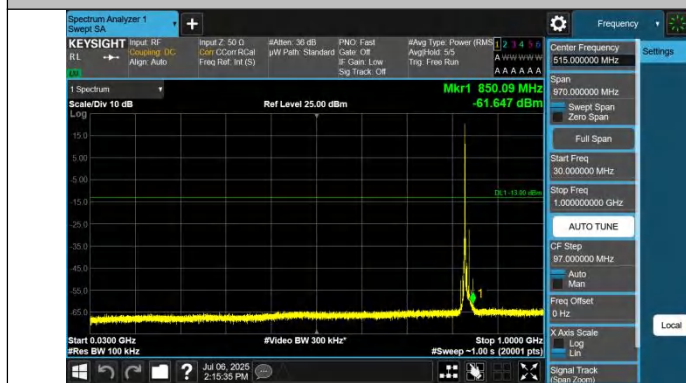
Band5-10MHz-QPSK-20450-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20525-1RB#0-0.009~0.15-PASS



Band5-10MHz-QPSK-20525-1RB#0-0.15~30-PASS



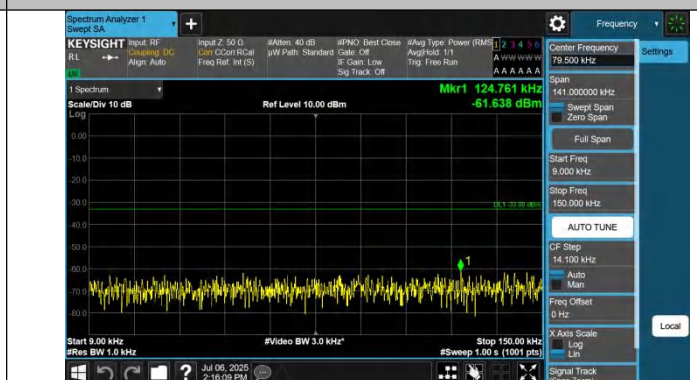
Band5-10MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20525-1RB#0-1000~3000-PASS



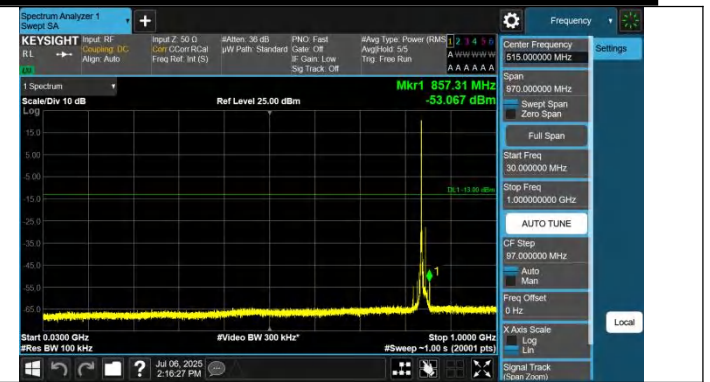
Band5-10MHz-QPSK-20525-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PASS



Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.77	-0.002116	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	2.93	0.003503	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.44	-0.002917	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.54	-0.003036	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-2.72	-0.003252	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	2.30	0.002750	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.19	-0.003814	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	1.92	0.002295	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-2.31	-0.002762	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.51	-0.003001	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	3.16	0.003778	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.43	-0.001710	±2.5	PASS

----- THE END -----