

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
Band17	5MHz	QPSK	23755	1RB#0	23.14	0.7	21.69	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.02	0.7	21.57	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.08	0.7	21.63	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.45	0.7	21	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.19	0.7	21.74	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.17	0.7	21.72	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.11	0.7	21.66	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.4	0.7	20.95	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.26	0.7	21.81	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.17	0.7	21.72	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.05	0.7	21.6	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.48	0.7	21.03	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.75	0.7	20.3	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.76	0.7	20.31	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.7	0.7	20.25	34.8	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.35	0.7	18.9	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.26	0.7	19.81	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.28	0.7	19.83	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.13	0.7	19.68	34.8	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.45	0.7	19	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.83	0.7	20.38	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.81	0.7	20.36	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.76	0.7	20.31	34.8	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.43	0.7	18.98	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#0	18.5	0.7	17.05	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#12	18.57	0.7	17.12	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#24	18.5	0.7	17.05	34.8	PASS
Band17	5MHz	256QAM	23755	25RB#0	18.42	0.7	16.97	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#0	18.84	0.7	17.39	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#12	18.82	0.7	17.37	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#24	18.64	0.7	17.19	34.8	PASS
Band17	5MHz	256QAM	23790	25RB#0	18.42	0.7	16.97	34.8	PASS
Band17	5MHz	256QAM	23825	1RB#0	18.62	0.7	17.17	34.8	PASS
Band17	5MHz	256QAM	23825	1RB#12	18.62	0.7	17.17	34.8	PASS

Band17	5MHz	256QAM	23825	1RB#24	18.54	0.7	17.09	34.8	PASS
Band17	5MHz	256QAM	23825	25RB#0	18.39	0.7	16.94	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.4	0.7	20.95	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.63	0.7	21.18	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.5	0.7	21.05	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.46	0.7	20.01	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.46	0.7	21.01	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.49	0.7	21.04	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.31	0.7	20.86	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.44	0.7	19.99	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.62	0.7	21.17	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.59	0.7	21.14	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.43	0.7	20.98	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.5	0.7	20.05	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.15	0.7	21.7	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.16	0.7	21.71	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.08	0.7	21.63	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.47	0.7	21.02	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.03	0.7	21.58	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.31	0.7	21.86	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.13	0.7	21.68	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.47	0.7	21.02	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.16	0.7	21.71	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.14	0.7	21.69	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.05	0.7	21.6	34.8	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.54	0.7	21.09	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.36	0.7	19.91	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.3	0.7	19.85	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.46	0.7	20.01	34.8	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.43	0.7	18.98	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.22	0.7	19.77	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.38	0.7	19.93	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.46	0.7	20.01	34.8	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.52	0.7	19.07	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.62	0.7	20.17	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.59	0.7	20.14	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.6	0.7	20.15	34.8	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.43	0.7	18.98	34.8	PASS
Band17	10MHz	256QAM	23780	1RB#0	18.51	0.7	17.06	34.8	PASS
Band17	10MHz	256QAM	23780	1RB#24	18.54	0.7	17.09	34.8	PASS

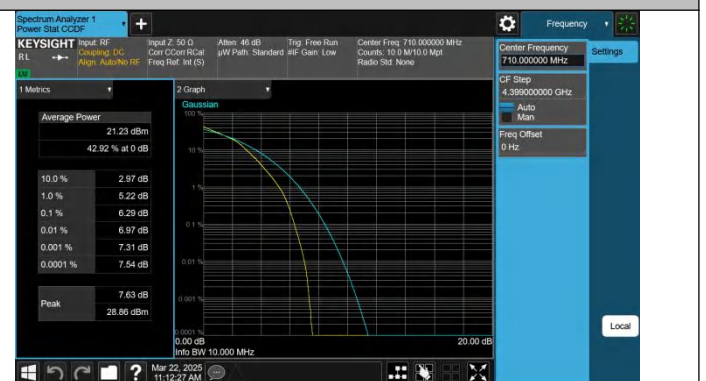
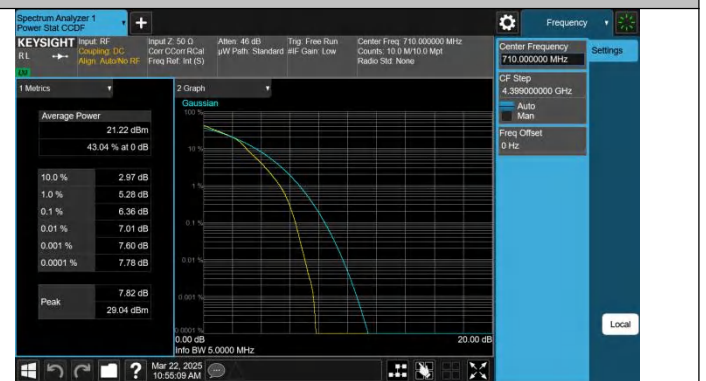
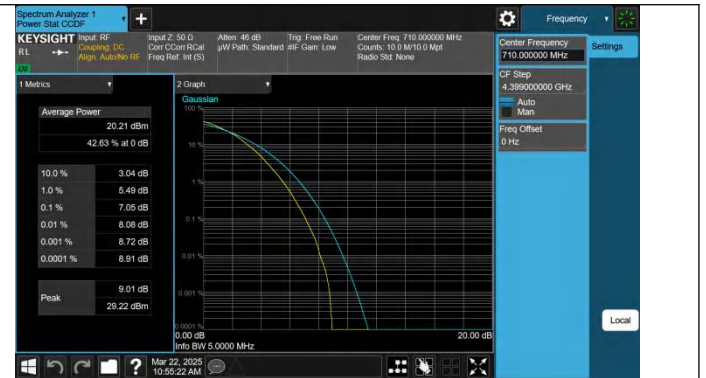
Band17	10MHz	256QAM	23780	1RB#49	18.55	0.7	17.1	34.8	PASS
Band17	10MHz	256QAM	23780	50RB#0	18.47	0.7	17.02	34.8	PASS
Band17	10MHz	256QAM	23790	1RB#0	18.36	0.7	16.91	34.8	PASS
Band17	10MHz	256QAM	23790	1RB#24	18.48	0.7	17.03	34.8	PASS
Band17	10MHz	256QAM	23790	1RB#49	18.56	0.7	17.11	34.8	PASS
Band17	10MHz	256QAM	23790	50RB#0	18.49	0.7	17.04	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#0	18.17	0.7	16.72	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#24	18.18	0.7	16.73	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#49	18.2	0.7	16.75	34.8	PASS
Band17	10MHz	256QAM	23800	50RB#0	18.44	0.7	16.99	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.47	0.7	21.02	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.45	0.7	21	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.42	0.7	20.97	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.46	0.7	20.01	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.29	0.7	20.84	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.5	0.7	21.05	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.44	0.7	20.99	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.48	0.7	20.03	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.28	0.7	20.83	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.29	0.7	20.84	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.29	0.7	20.84	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.47	0.7	20.02	34.8	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	5.57	13	PASS
Band17	5MHz	64QAM	23790	25RB#0	7.05	13	PASS
Band17	5MHz	256QAM	23790	25RB#0	7.08	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.36	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.48	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.97	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.96	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.29	13	PASS

Test Graphs

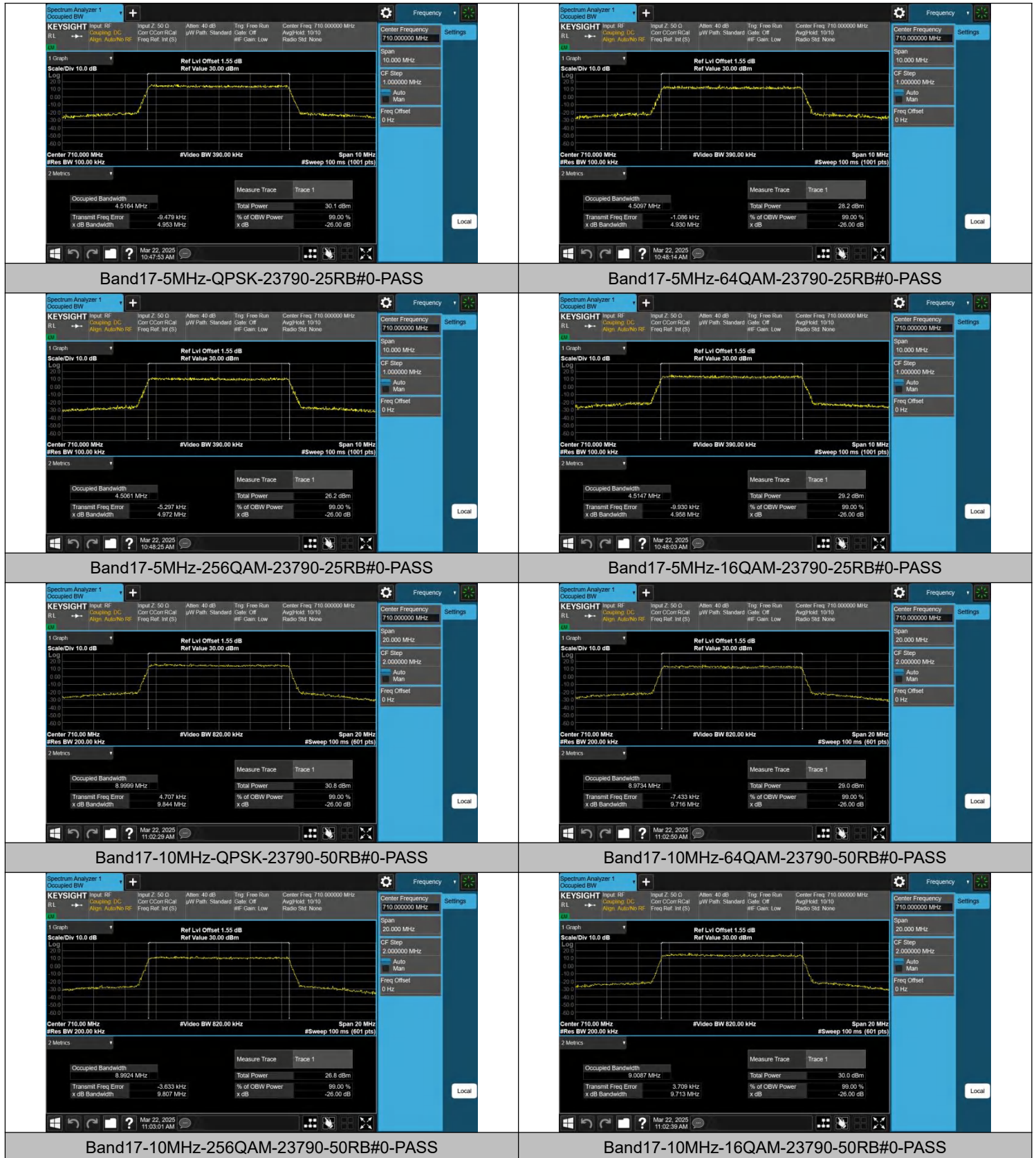


26dB Bandwidth and Occupied Bandwidth

Test Result

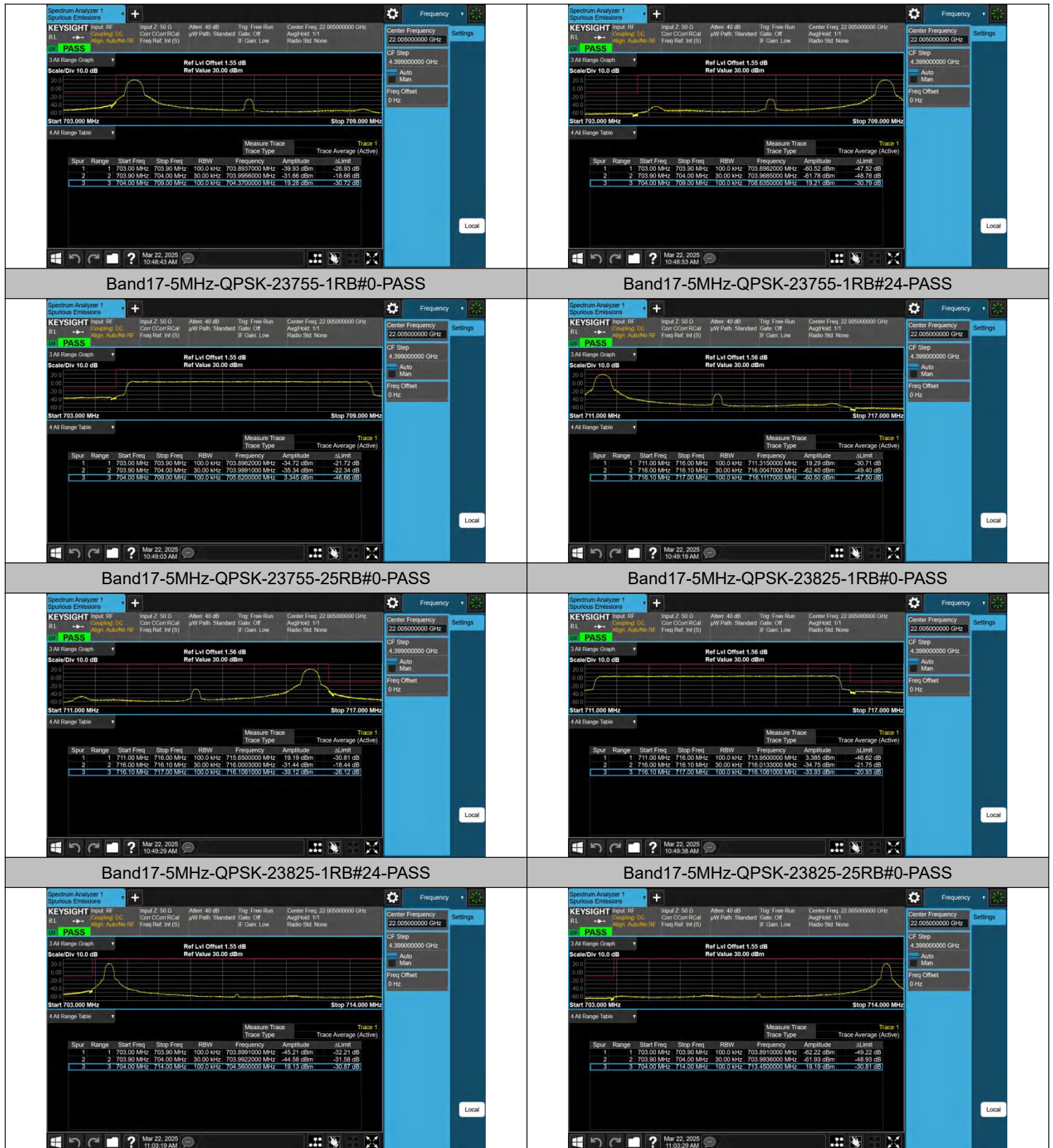
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	4.5164	4.953	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.5097	4.930	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.5061	4.972	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5147	4.958	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9999	9.844	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.9734	9.716	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.9924	9.807	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0087	9.713	PASS

Test Graphs

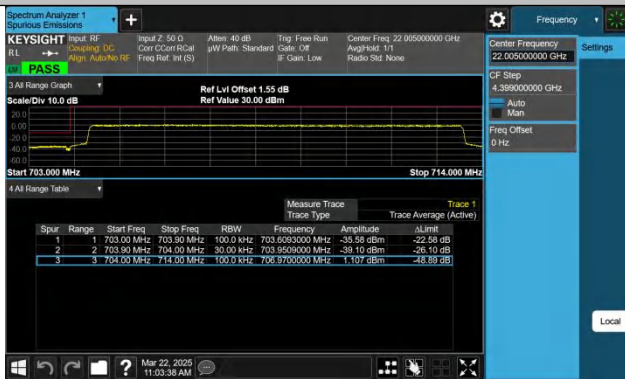


Band Edge

Test Graphs



Band17-10MHz-QPSK-23780-1RB#0-PASS



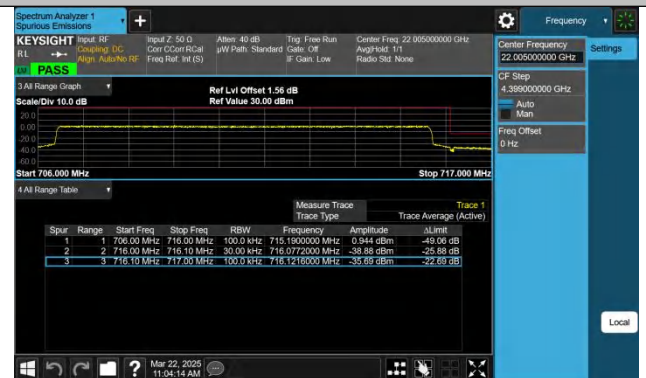
Band17-10MHz-QPSK-23780-1RB#49-PASS



Band17-10MHz-QPSK-23780-50RB#0-PASS



Band17-10MHz-QPSK-23800-1RB#0-PASS

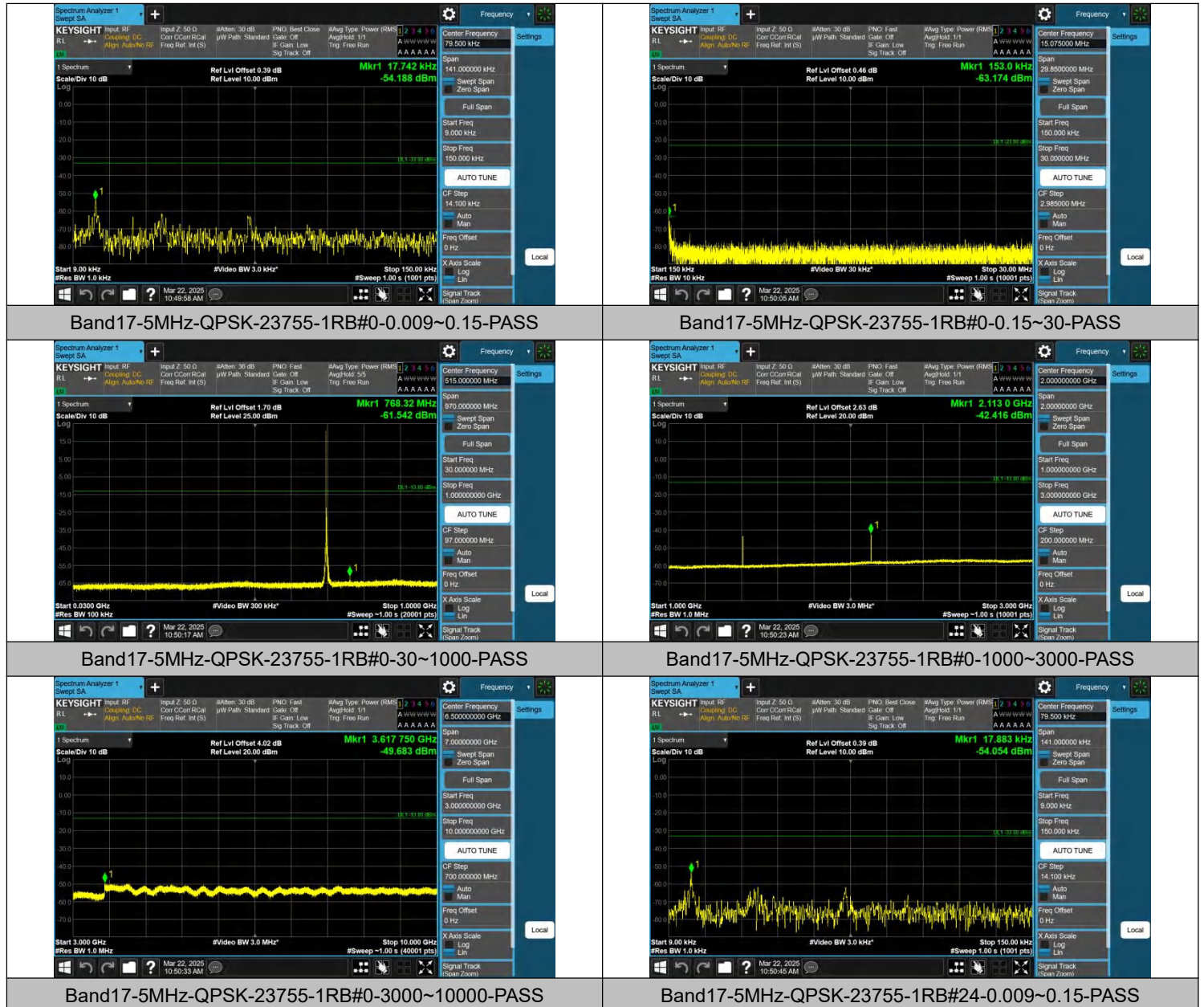


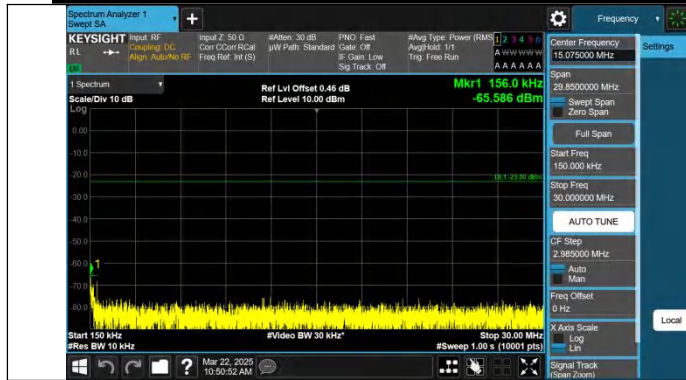
Band17-10MHz-QPSK-23800-1RB#49-PASS

Band17-10MHz-QPSK-23800-50RB#0-PASS

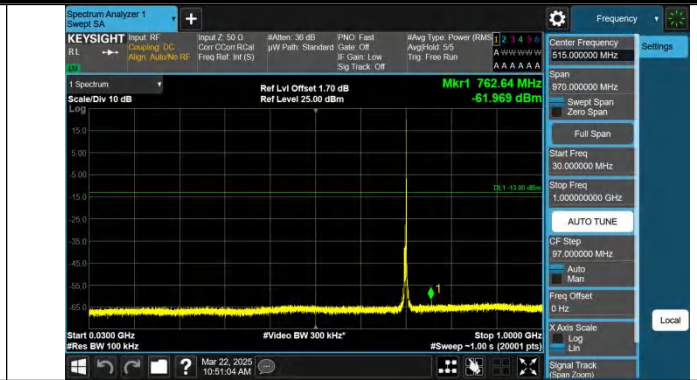
Conducted Spurious Emission

Test Graphs





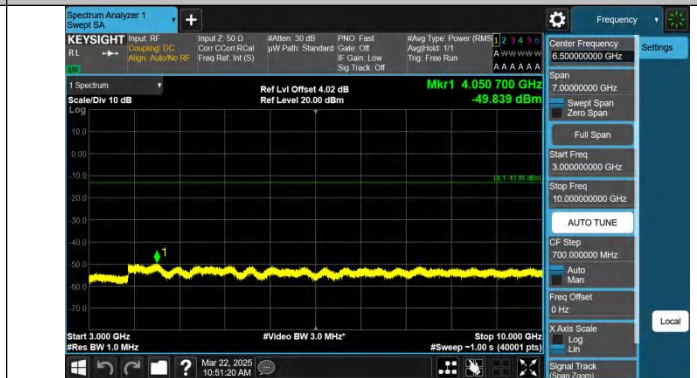
Band17-5MHz-QPSK-23755-1RB#24-0.15~30-PASS



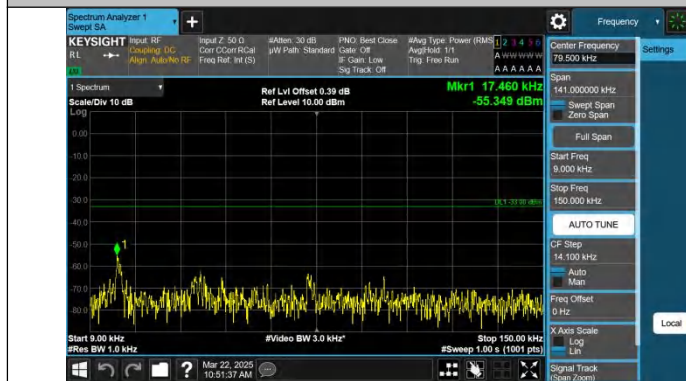
Band17-5MHz-QPSK-23755-1RB#24-30~1000-PASS



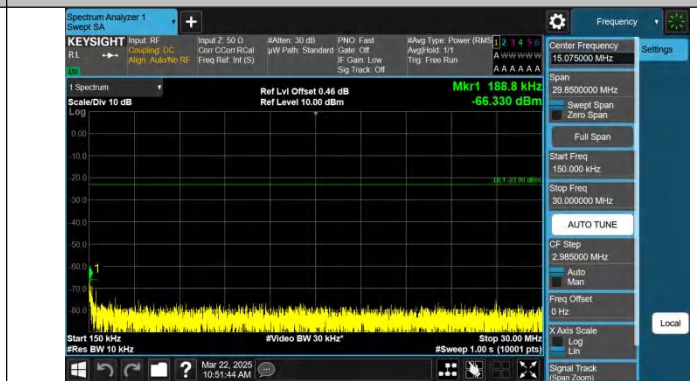
Band17-5MHz-QPSK-23755-1RB#24-1000~3000-PASS



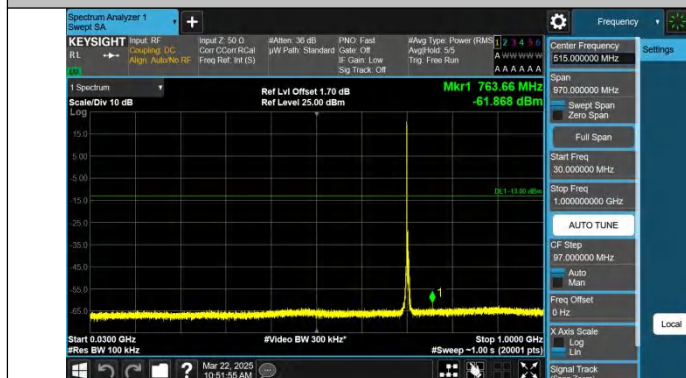
Band17-5MHz-QPSK-23755-1RB#24-3000~10000-PASS



Band17-5MHz-QPSK-23790-1RB#0-0.009~0.15-PASS



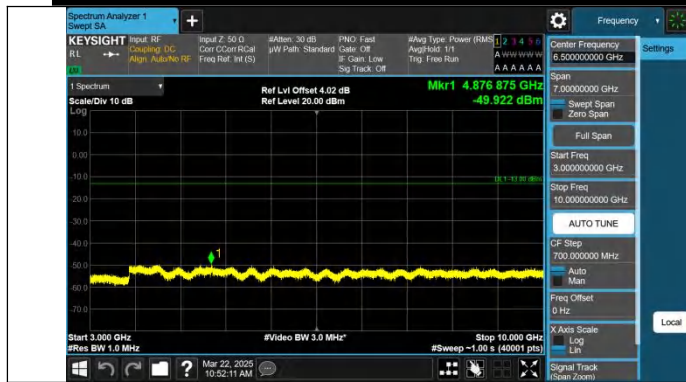
Band17-5MHz-QPSK-23790-1RB#0-0.15~30-PASS



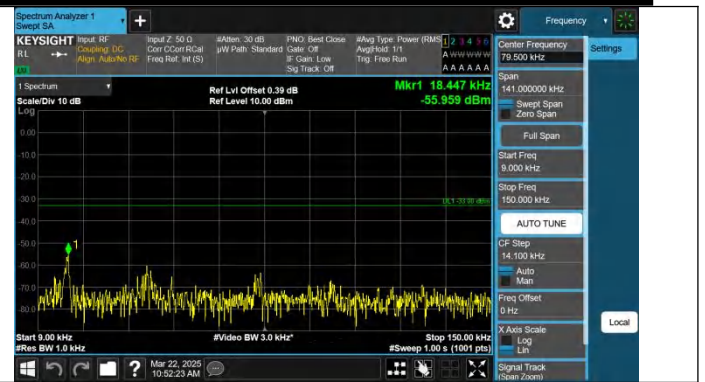
Band17-5MHz-QPSK-23790-1RB#0-30~1000-PASS



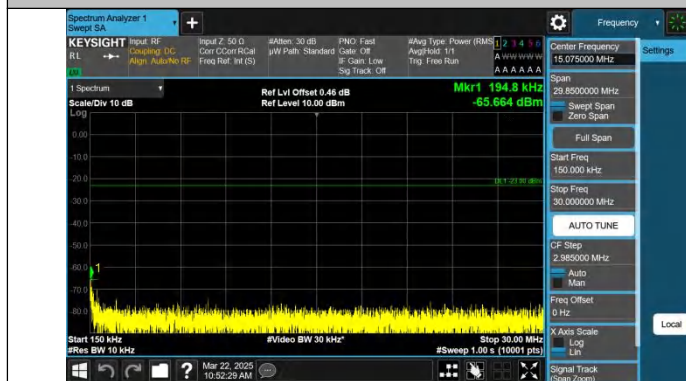
Band17-5MHz-QPSK-23790-1RB#0-1000~3000-PASS



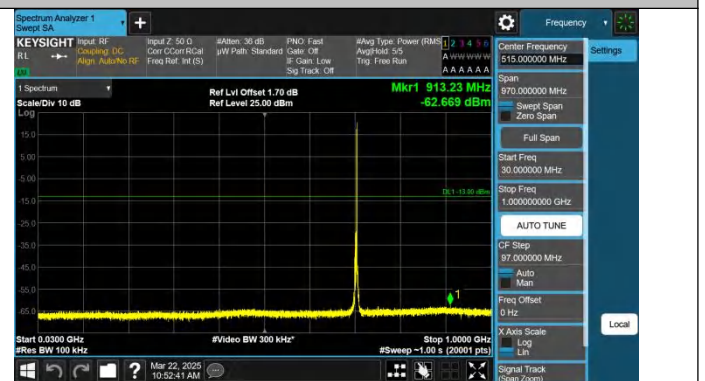
Band17-5MHz-QPSK-23790-1RB#0-3000~10000-PASS



Band17-5MHz-QPSK-23790-1RB#24-0.009~0.15-PASS



Band17-5MHz-QPSK-23790-1RB#24-0.15~30-PASS



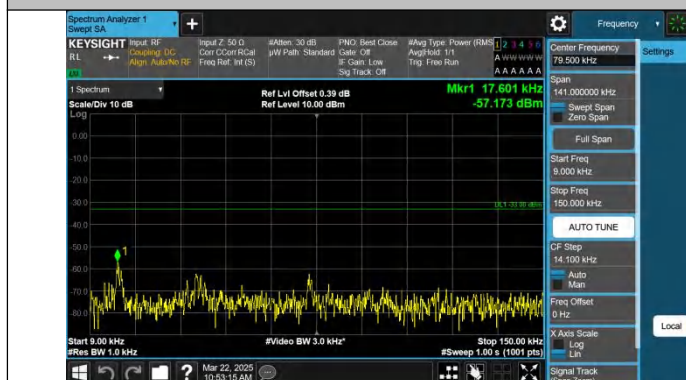
Band17-5MHz-QPSK-23790-1RB#24-30~1000-PASS



Band17-5MHz-QPSK-23790-1RB#24-1000~3000-PASS



Band17-5MHz-QPSK-23790-1RB#24-3000~10000-PASS



Band17-5MHz-QPSK-23825-1RB#0-0.009~0.15-PASS



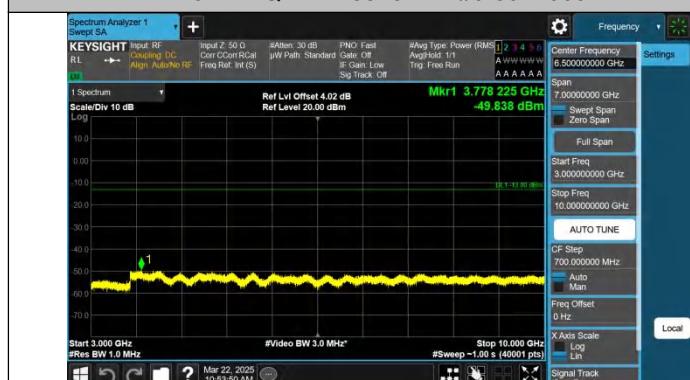
Band17-5MHz-QPSK-23825-1RB#0-0.15~30-PASS



Band17-5MHz-QPSK-23825-1RB#0-30~1000-PASS



Band17-5MHz-QPSK-23825-1RB#0-1000~3000-PASS



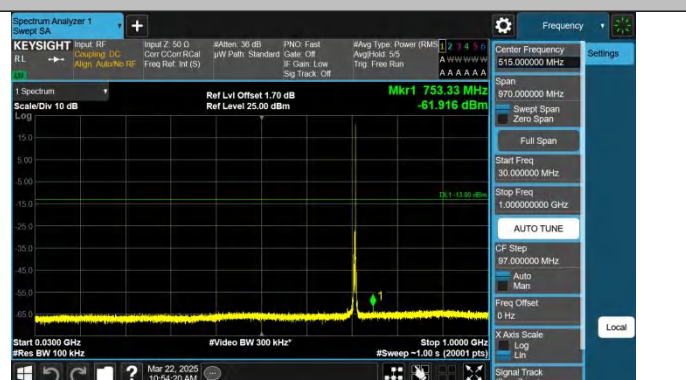
Band17-5MHz-QPSK-23825-1RB#0-3000~10000-PASS



Band17-5MHz-QPSK-23825-1RB#24-0.009~0.15-PASS



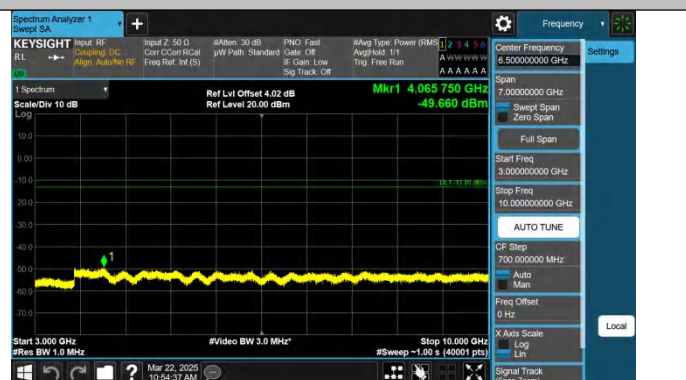
Band17-5MHz-QPSK-23825-1RB#24-0.15~30-PASS



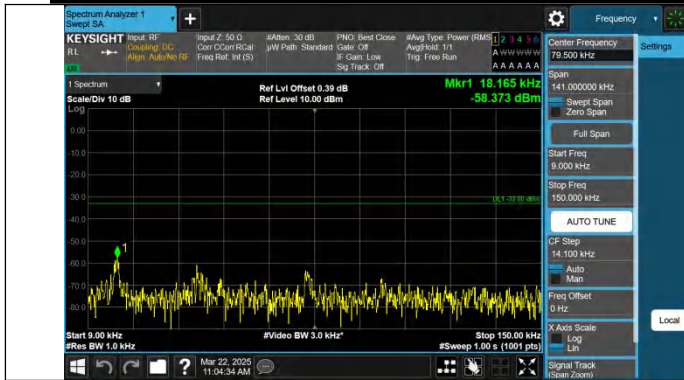
Band17-5MHz-QPSK-23825-1RB#24-30~1000-PASS



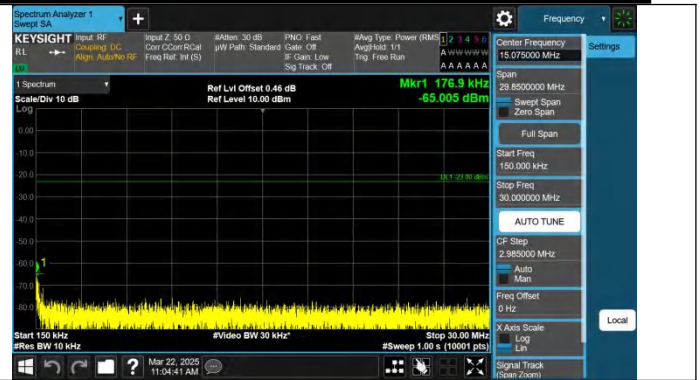
Band17-5MHz-QPSK-23825-1RB#24-1000~3000-PASS



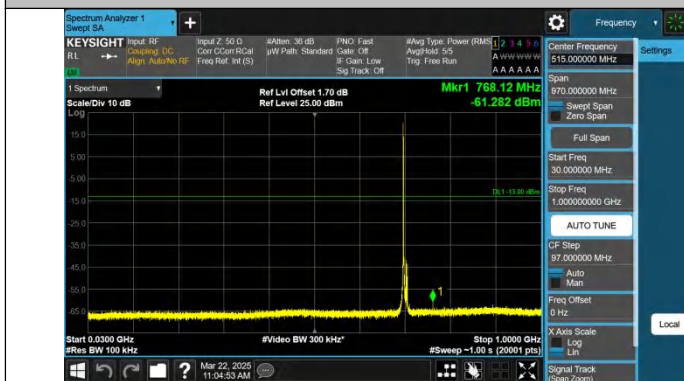
Band17-5MHz-QPSK-23825-1RB#24-3000~10000-PASS



Band17-10MHz-QPSK-23780-1RB#0-0.009~0.15-PASS



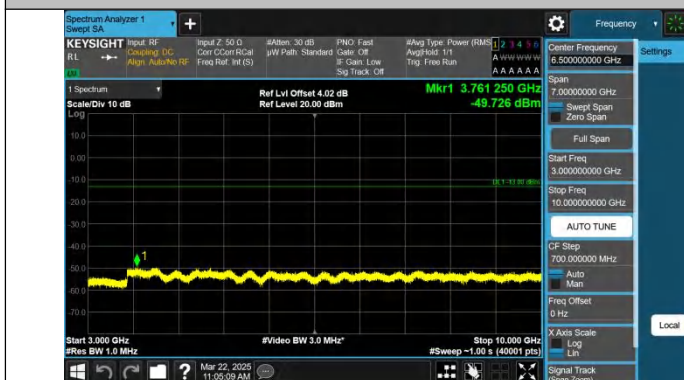
Band17-10MHz-QPSK-23780-1RB#0-0.15~30-PASS



Band17-10MHz-QPSK-23780-1RB#0-30~1000-PASS



Band17-10MHz-QPSK-23780-1RB#0-1000~3000-PASS



Band17-10MHz-QPSK-23780-1RB#0-3000~10000-PASS



Band17-10MHz-QPSK-23780-1RB#49-0.009~0.15-PASS



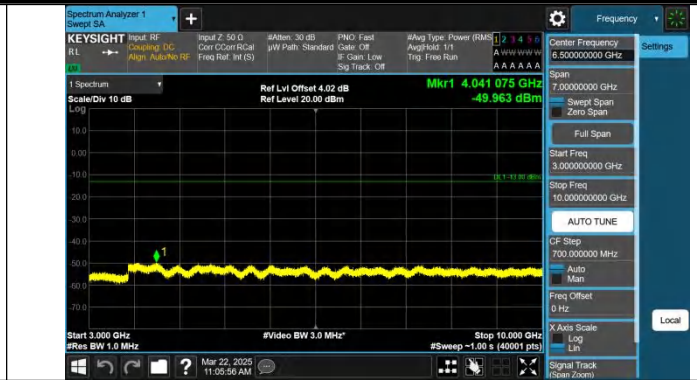
Band17-10MHz-QPSK-23780-1RB#49-0.15~30-PASS



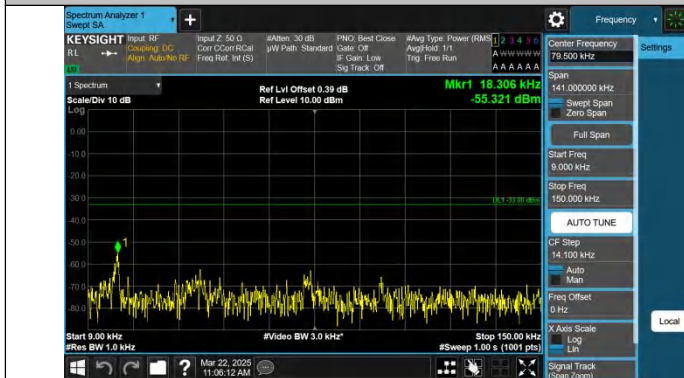
Band17-10MHz-QPSK-23780-1RB#49-30~1000-PASS



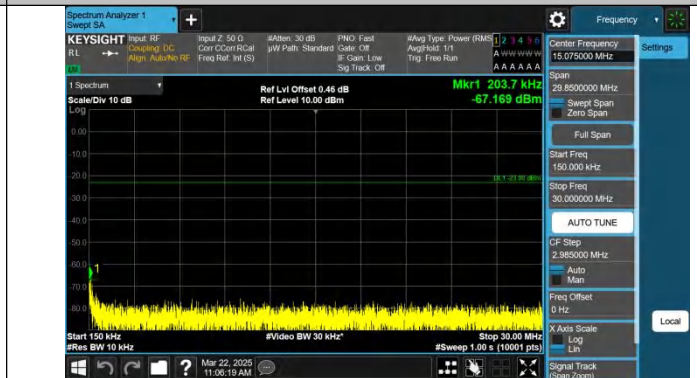
Band17-10MHz-QPSK-23780-1RB#49-1000~3000-PASS



Band17-10MHz-QPSK-23780-1RB#49-3000~10000-PASS



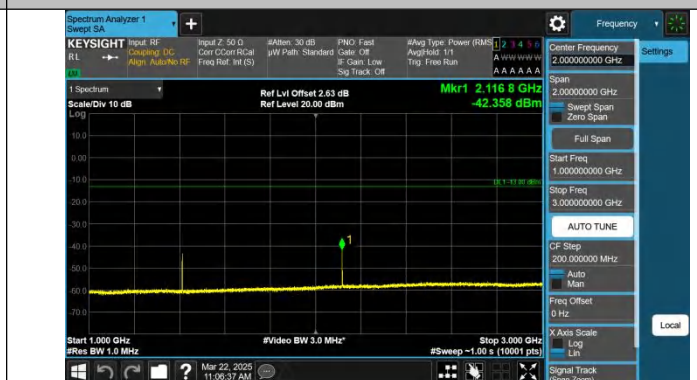
Band17-10MHz-QPSK-23790-1RB#0-0.009~0.15-PASS



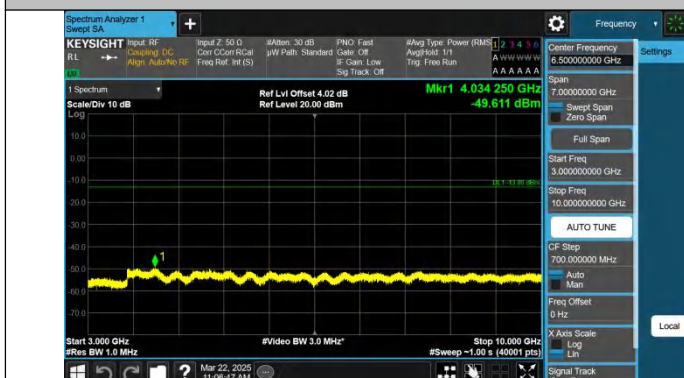
Band17-10MHz-QPSK-23790-1RB#0-0.15~30-PASS



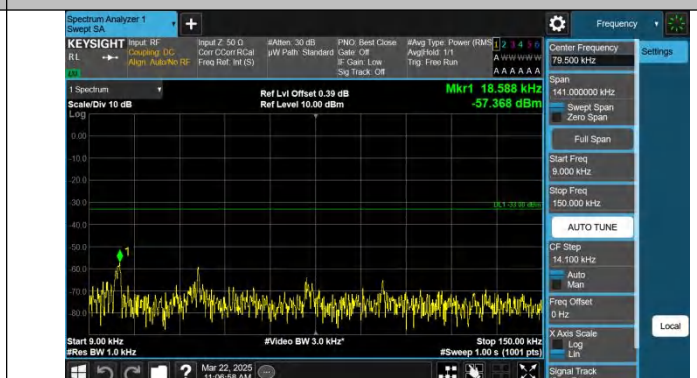
Band17-10MHz-QPSK-23790-1RB#0-30~1000-PASS



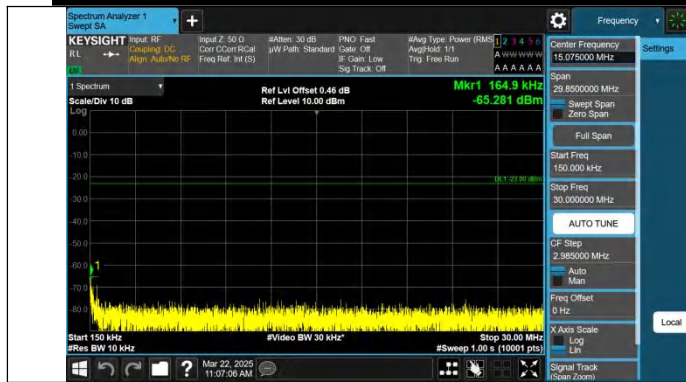
Band17-10MHz-QPSK-23790-1RB#0-1000~3000-PASS



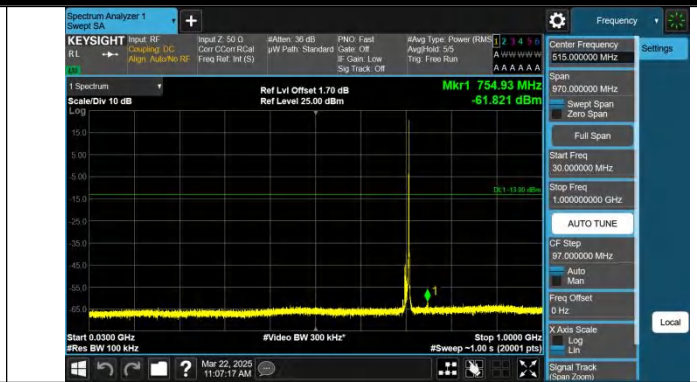
Band17-10MHz-QPSK-23790-1RB#0-3000~10000-PASS



Band17-10MHz-QPSK-23790-1RB#49-0.009~0.15-PASS



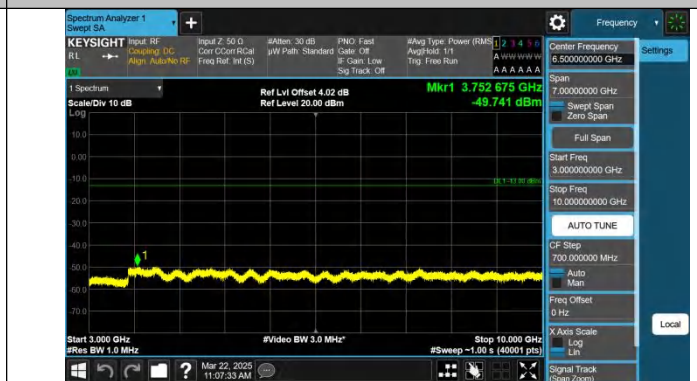
Band17-10MHz-QPSK-23790-1RB#49-0.15~30-PASS



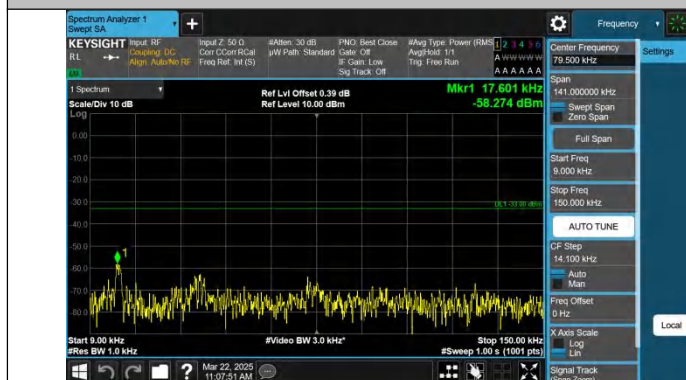
Band17-10MHz-QPSK-23790-1RB#49-30~1000-PASS



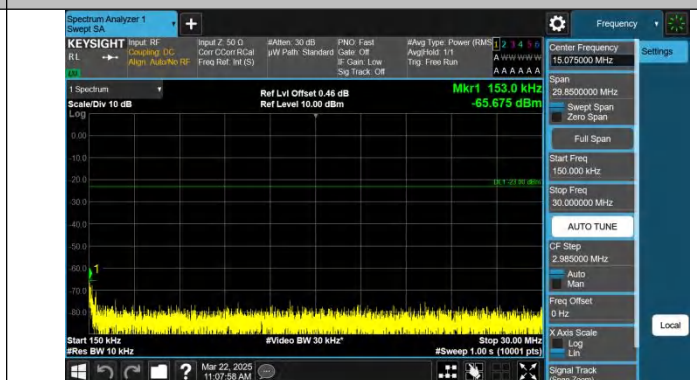
Band17-10MHz-QPSK-23790-1RB#49-1000~3000-PASS



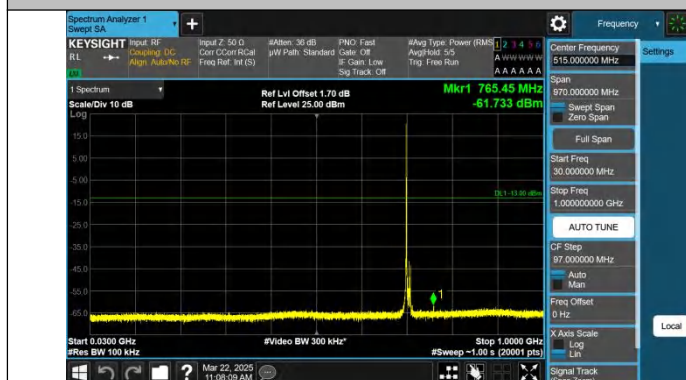
Band17-10MHz-QPSK-23790-1RB#49-3000~10000-PASS



Band17-10MHz-QPSK-23800-1RB#0-0.009~0.15-PASS



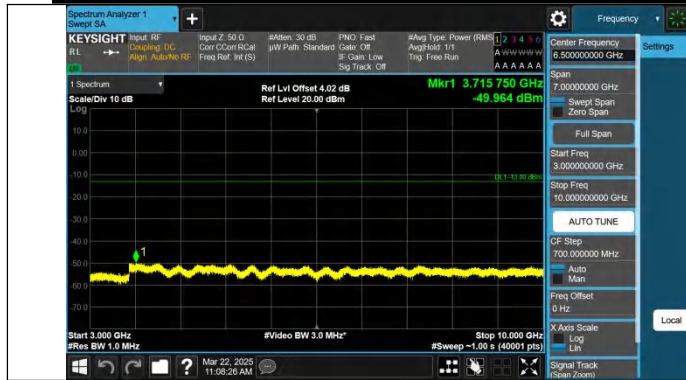
Band17-10MHz-QPSK-23800-1RB#0-0.15~30-PASS



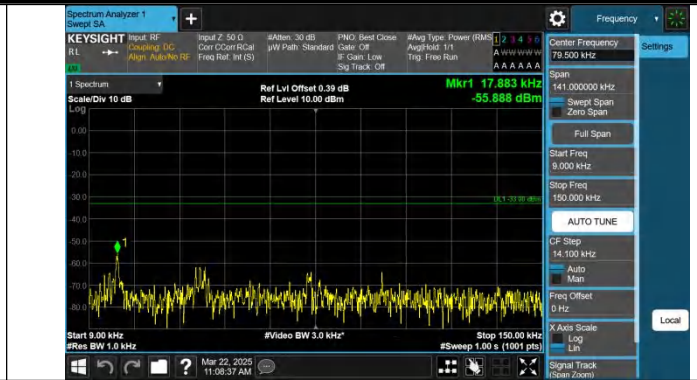
Band17-10MHz-QPSK-23800-1RB#0-30~1000-PASS



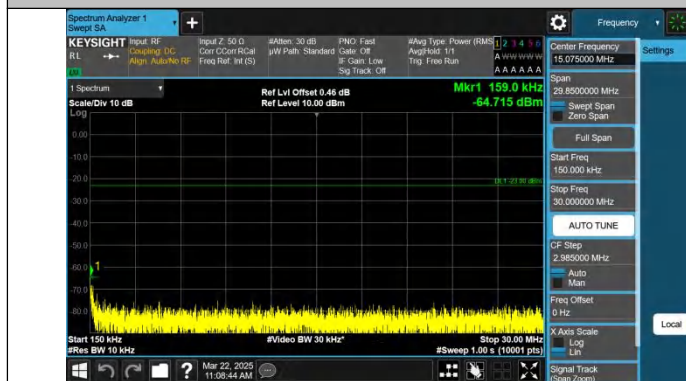
Band17-10MHz-QPSK-23800-1RB#0-1000~3000-PASS



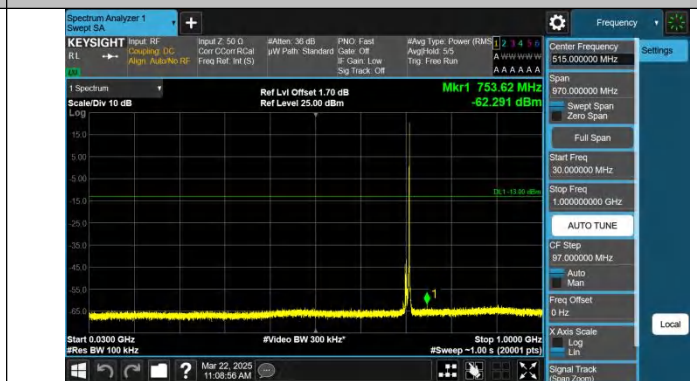
Band17-10MHz-QPSK-23800-1RB#0-3000~10000-PASS



Band17-10MHz-QPSK-23800-1RB#49-0.009~0.15-PASS



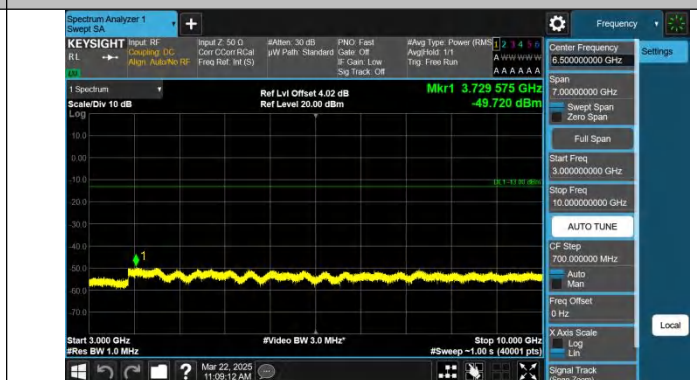
Band17-10MHz-QPSK-23800-1RB#49-0.15~30-PASS



Band17-10MHz-QPSK-23800-1RB#49-30~1000-PASS



Band17-10MHz-QPSK-23800-1RB#49-1000~3000-PASS



Band17-10MHz-QPSK-23800-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 17	10MHz	QPSK	23790	50RB#0	VN	NT	-6470.00	-9.112676	±NA	705.51943	714.46763	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VL	NT	-5300.00	-7.464789	±NA	705.52275	714.46665	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VH	NT	-5470.00	-7.704225	±NA	705.51693	714.47213	704-716	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 17	10MHz	QPSK	23790	50RB#0	NV	-30	-2110.00	-2.971831	±NA	705.52514	714.47064	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-20	-5840.00	-8.225352	±NA	705.51876	714.46956	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-10	-3490.00	-4.915493	±NA	705.52026	714.47276	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	0	-2930.00	-4.126761	±NA	705.52312	714.47102	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	10	-3700.00	-5.211268	±NA	705.5216	714.471	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	20	-5750.00	-8.098592	±NA	705.5207	714.4678	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	30	-5740.00	-8.084507	±NA	705.51841	714.47011	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	40	-2770.00	-3.901408	±NA	705.52468	714.46978	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	50	-1570.00	-2.211268	±NA	705.52543	714.47143	704-716	PASS

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