

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(IRP)(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.95	-0.5	20.3	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.11	-0.5	19.46	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.06	-0.5	20.41	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.93	-0.5	20.28	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.27	-0.5	20.62	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.14	-0.5	19.49	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.38	-0.5	20.73	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.33	-0.5	20.68	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.09	-0.5	20.44	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.12	-0.5	19.47	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.31	-0.5	20.66	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.04	-0.5	20.39	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.83	-0.5	19.18	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.99	-0.5	18.34	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.59	-0.5	19.94	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.07	-0.5	19.42	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.15	-0.5	19.5	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.09	-0.5	18.44	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.05	-0.5	19.4	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.10	-0.5	19.45	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.04	-0.5	19.39	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.22	-0.5	18.57	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.55	-0.5	19.9	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.19	-0.5	19.54	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.96	-0.5	20.31	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.28	-0.5	19.63	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.20	-0.5	20.55	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.53	-0.5	20.88	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.17	-0.5	20.52	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.26	-0.5	19.61	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.26	-0.5	20.61	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.10	-0.5	20.45	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.35	-0.5	20.7	34.8	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.28	-0.5	19.63	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.44	-0.5	20.79	34.8	PASS

Band17	10MHz	QPSK	23800	1RB#49	23.20	-0.5	20.55	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.22	-0.5	19.57	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.25	-0.5	18.6	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.55	-0.5	19.9	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.29	-0.5	19.64	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.21	-0.5	19.56	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.97	-0.5	18.32	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.53	-0.5	19.88	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.78	-0.5	19.13	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.47	-0.5	19.82	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.27	-0.5	18.62	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.84	-0.5	20.19	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.71	-0.5	20.06	34.8	PASS

Peak-to-Average Ratio(CCDF)

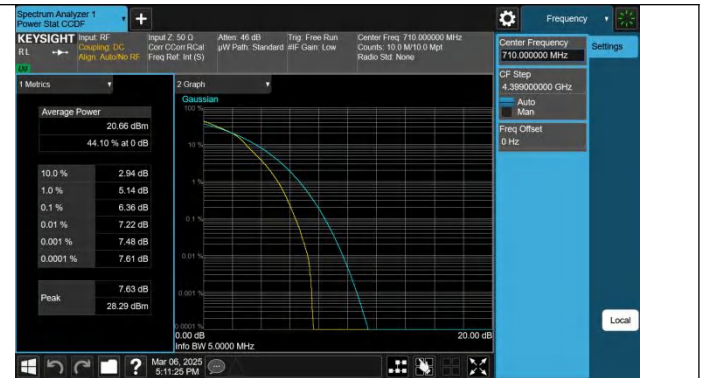
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	5.58	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.36	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.50	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.33	13	PASS

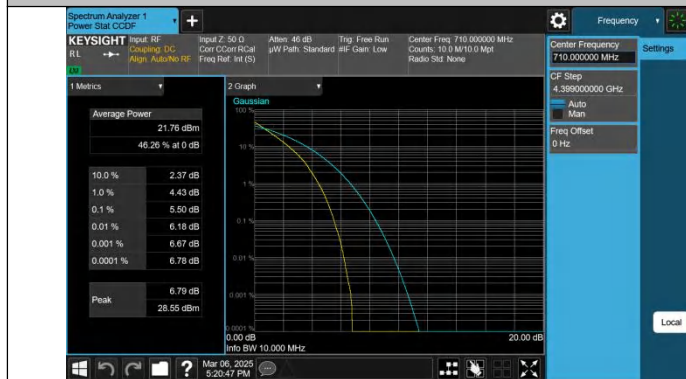
Test Graphs



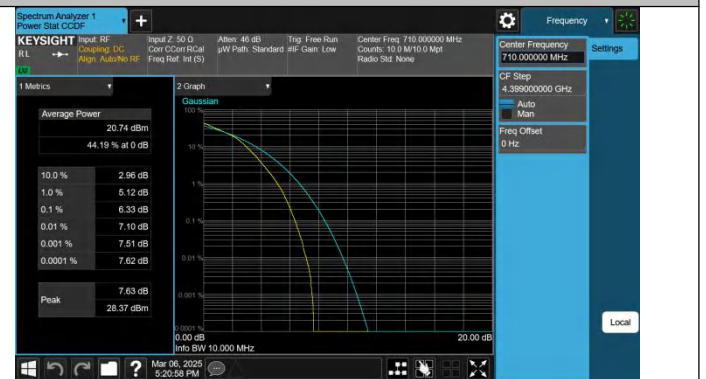
Band17-5MHz-QPSK-23790-25RB#0-PASS



Band17-5MHz-16QAM-23790-25RB#0-PASS



Band17-10MHz-QPSK-23790-50RB#0-PASS



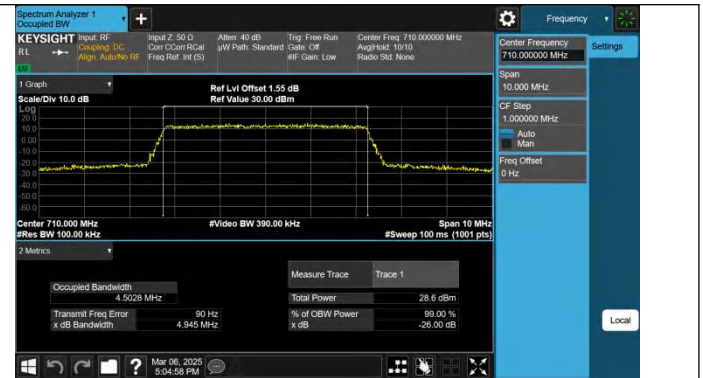
Band17-10MHz-16QAM-23790-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

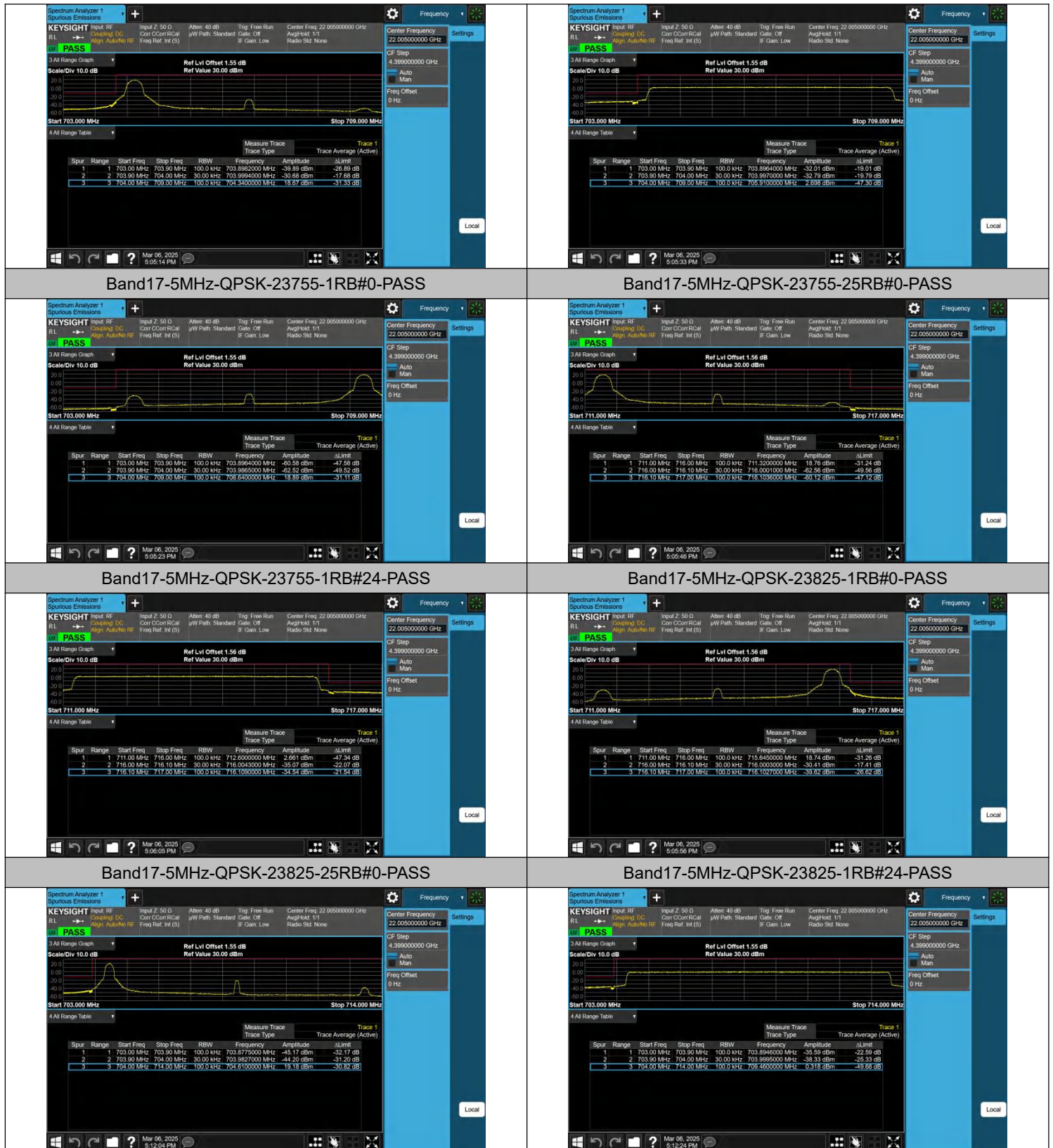
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	4.4978	4.937	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5028	4.945	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9752	9.857	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9507	9.799	PASS

Test Graphs

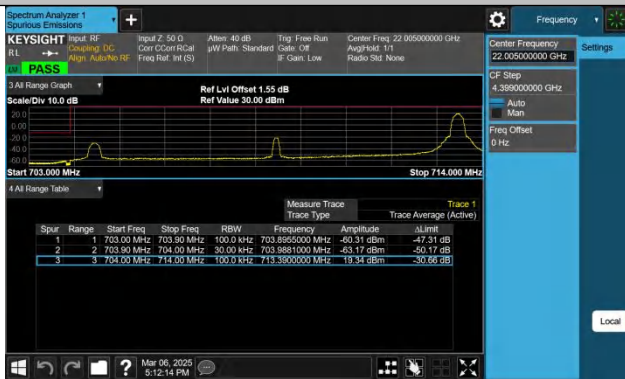


Band Edge

Test Graphs



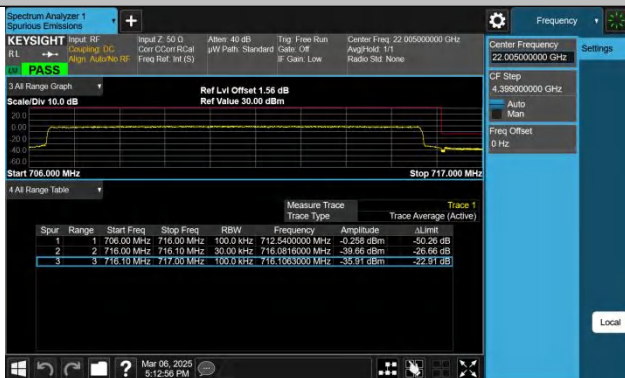
Band17-10MHz-QPSK-23780-1RB#0-PASS



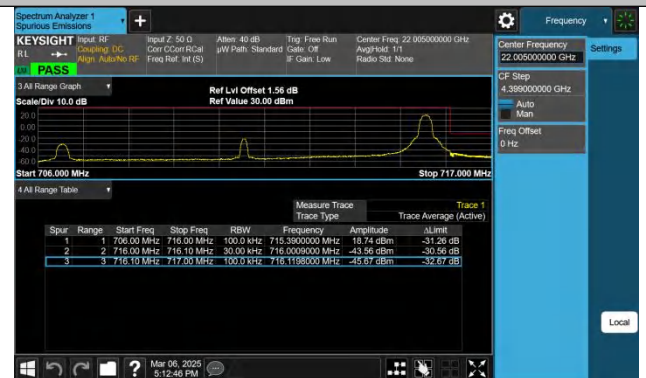
Band17-10MHz-QPSK-23780-50RB#0-PASS



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



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

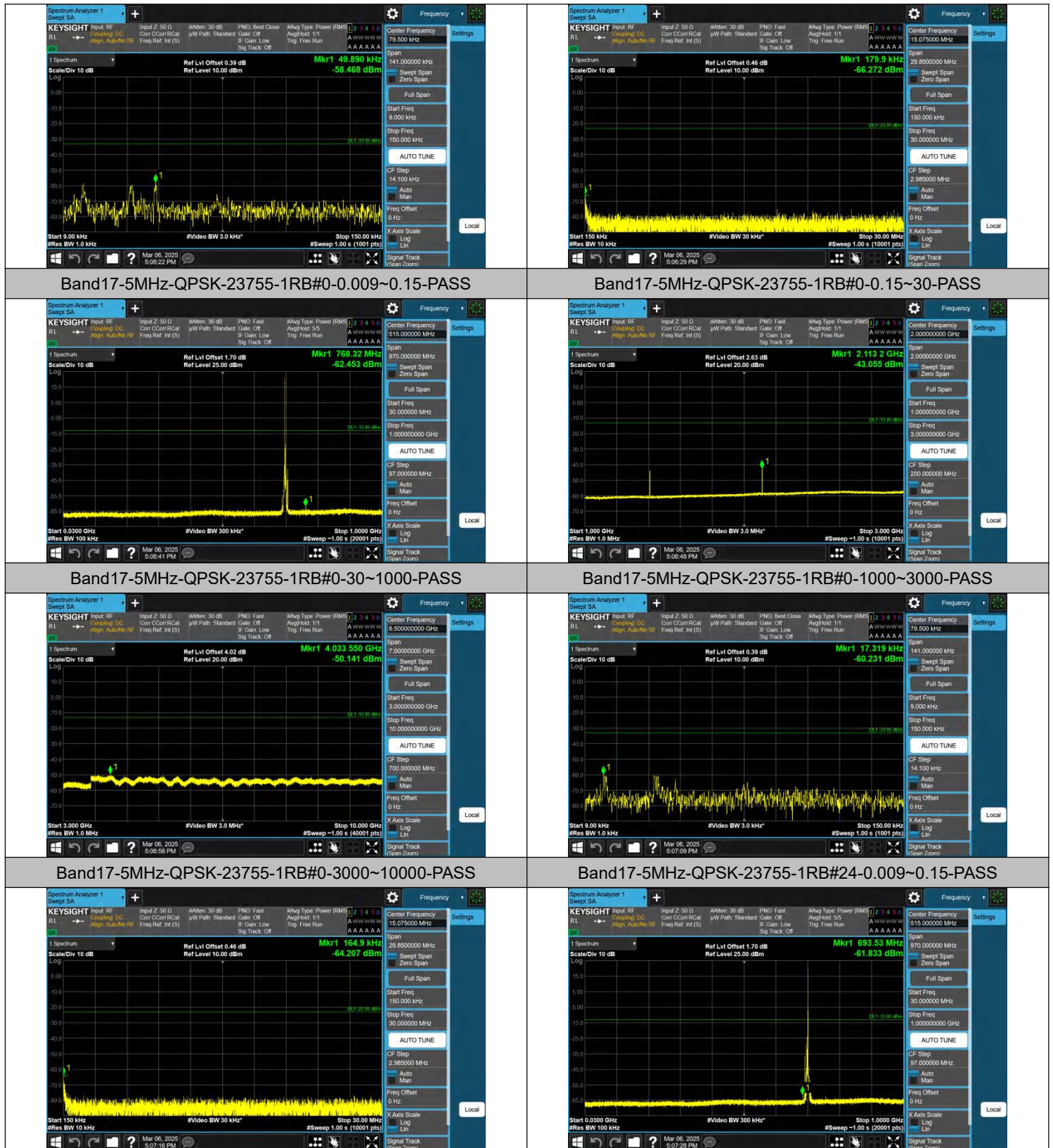


Band17-10MHz-QPSK-23800-50RB#0-PASS

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

Conducted Spurious Emission

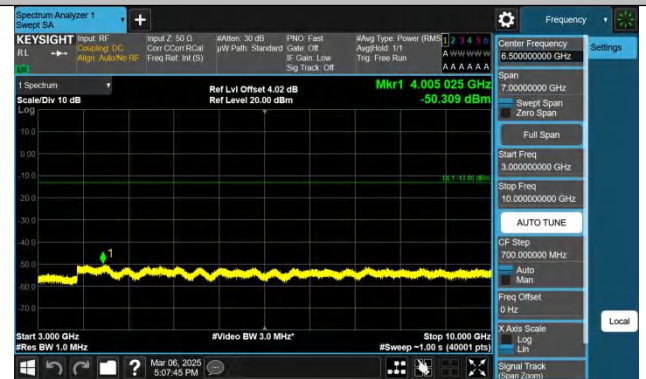
Test Graphs



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



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



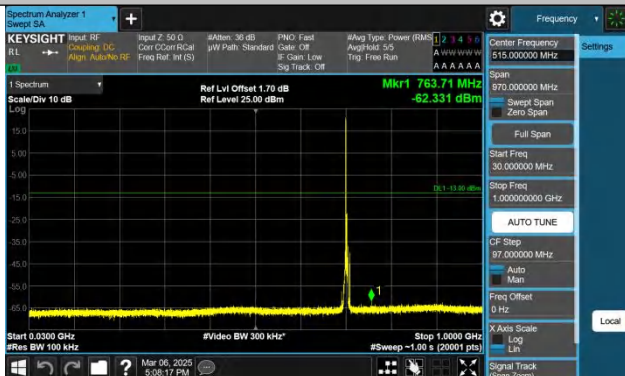
Band17-5MHz-QPSK-23755-1RB#24-1000~3000-PASS



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



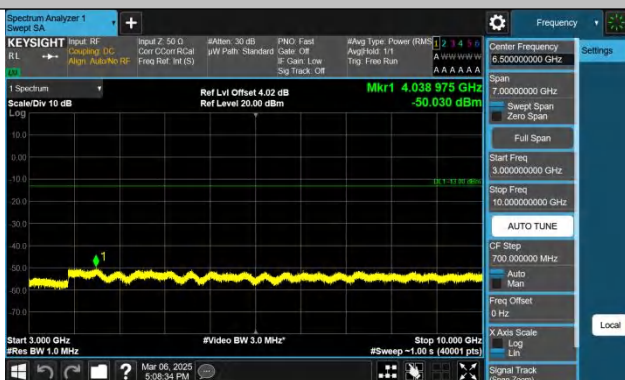
Band17-5MHz-QPSK-23790-1RB#0-0.009~0.15-PASS



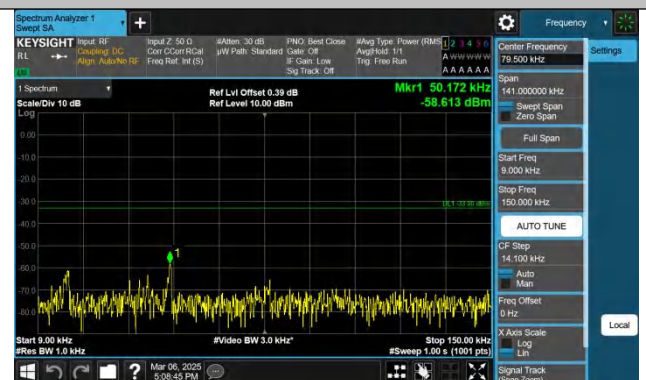
Band17-5MHz-QPSK-23790-1RB#0-0.15~30-PASS



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

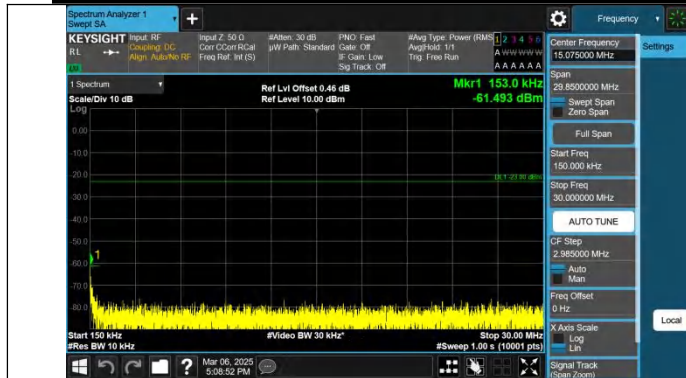


Band17-5MHz-QPSK-23790-1RB#0-1000~3000-PASS



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

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



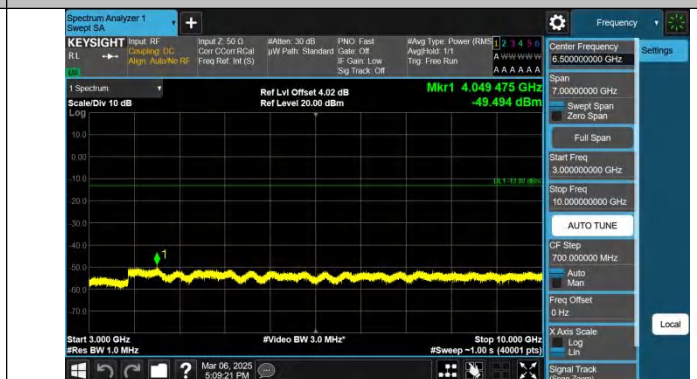
Band17-5MHz-QPSK-23790-1RB#24-0.15~30-PASS



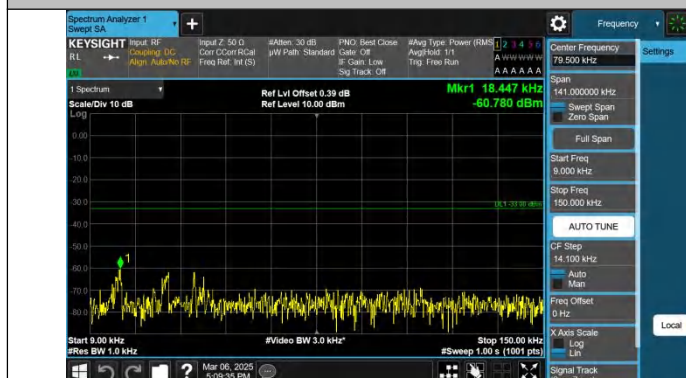
Band17-5MHz-QPSK-23790-1RB#24-30~1000-PASS



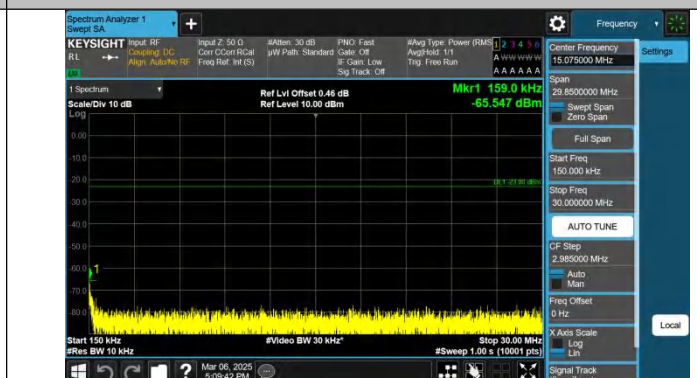
Band17-5MHz-QPSK-23790-1RB#24-1000~3000-PASS



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



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



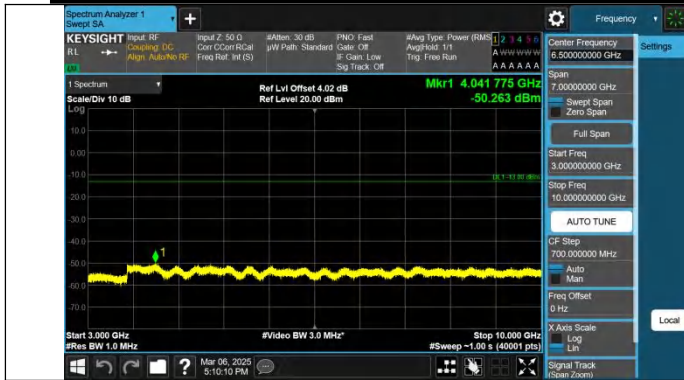
Band17-5MHz-QPSK-23825-1RB#0-0.15~30-PASS



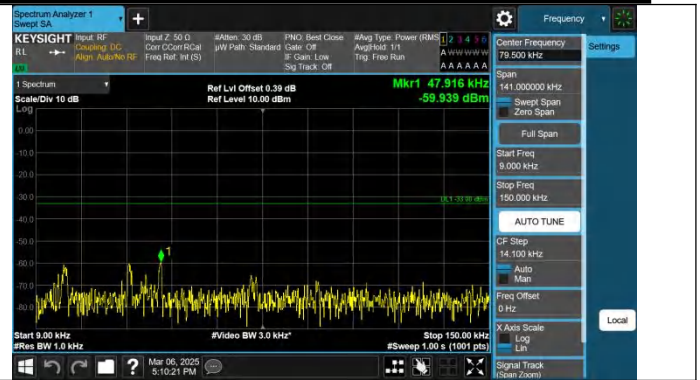
Band17-5MHz-QPSK-23825-1RB#0-30~1000-PASS



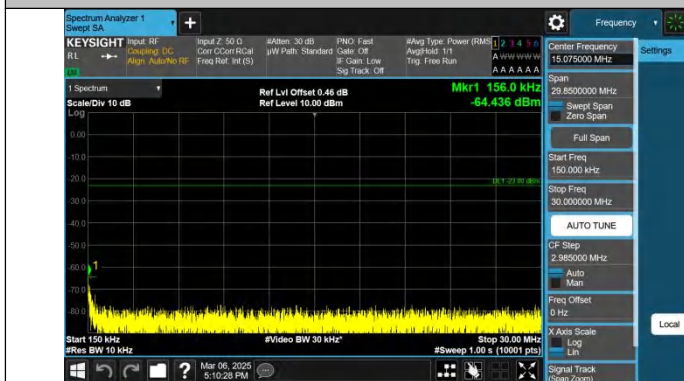
Band17-5MHz-QPSK-23825-1RB#0-1000~3000-PASS



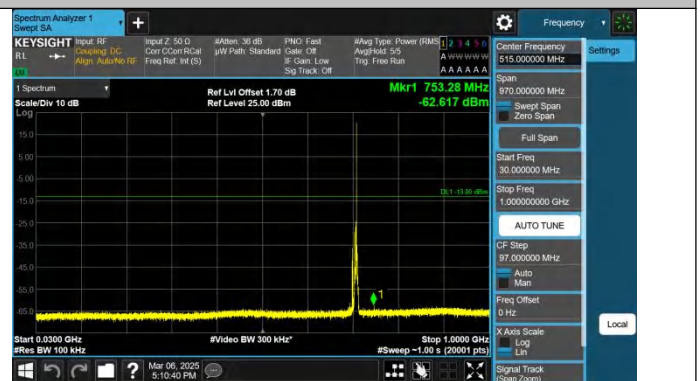
Band17-5MHz-QPSK-23825-1RB#0-3000~10000-PASS



Band17-5MHz-QPSK-23825-1RB#24.0.009~0.15-PASS



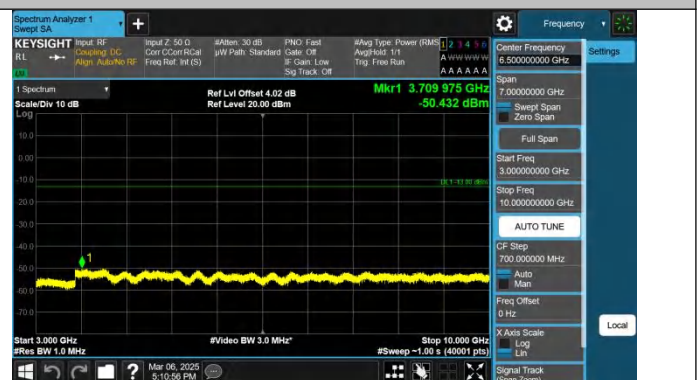
Band17-5MHz-QPSK-23825-1RB#24.0.15~30-PASS



Band17-5MHz-QPSK-23825-1RB#24.30~1000-PASS



Band17-5MHz-QPSK-23825-1RB#24.1000~3000-PASS



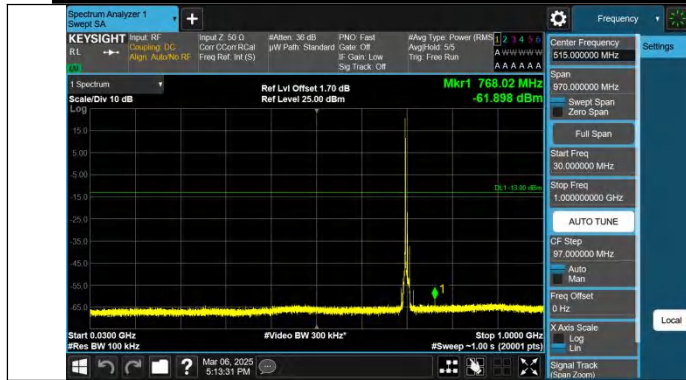
Band17-5MHz-QPSK-23825-1RB#24.3000~10000-PASS



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



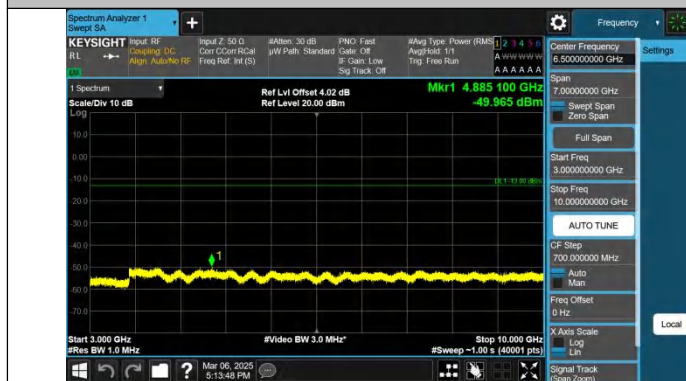
Band17-10MHz-QPSK-23780-1RB#0-0.15~30-PASS



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



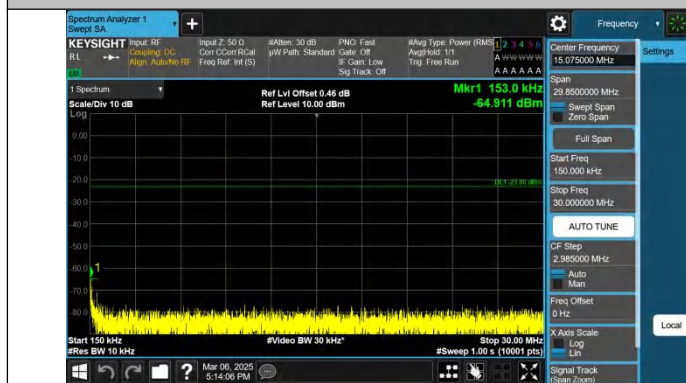
Band17-10MHz-QPSK-23780-1RB#0-1000~3000-PASS



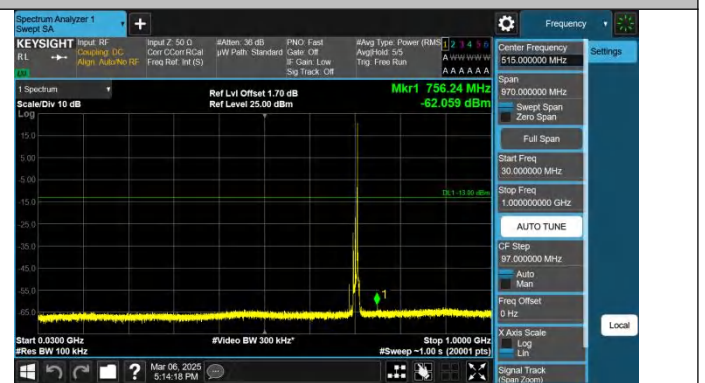
Band17-10MHz-QPSK-23780-1RB#0-3000~10000-PASS



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



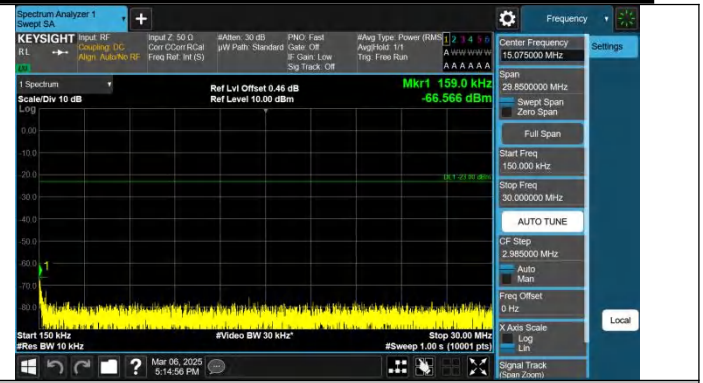
Band17-10MHz-QPSK-23780-1RB#49-1000~3000-PASS



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



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



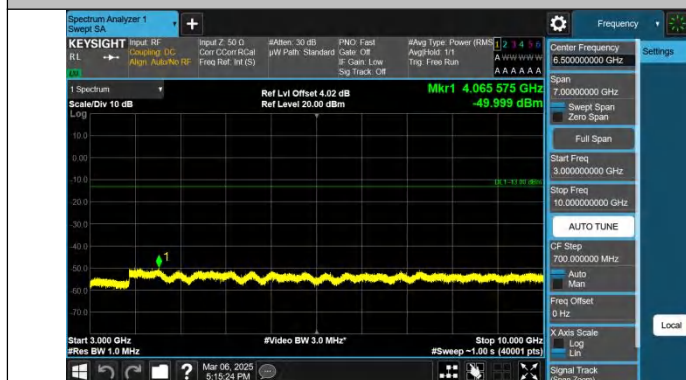
Band17-10MHz-QPSK-23790-1RB#0-0.15~30-PASS



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



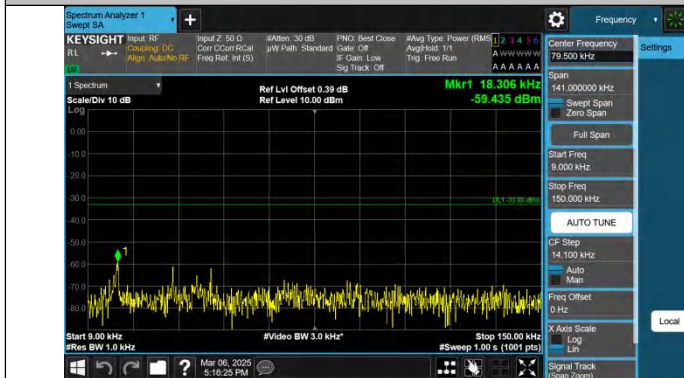
Band17-10MHz-QPSK-23790-1RB#49-30~1000-PASS



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



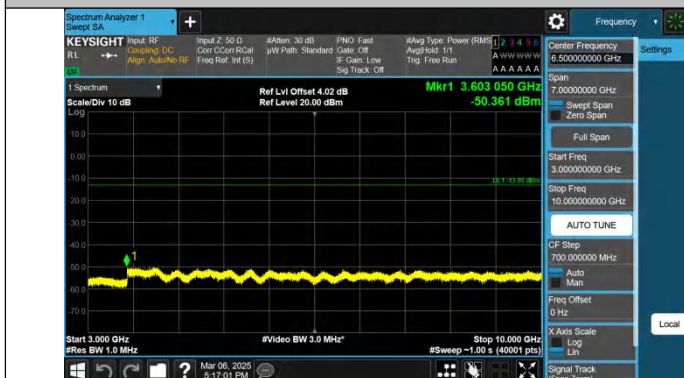
Band17-10MHz-QPSK-23800-1RB#0-0.15-30-PASS



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



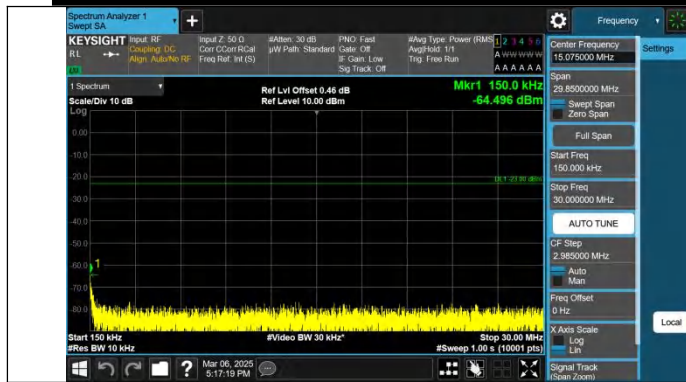
Band17-10MHz-QPSK-23800-1RB#0-1000-3000-PASS



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	2830.00	3.985915	±NA	705.53578	714.46988	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VL	NT	2700.00	3.802817	±NA	705.5373	714.4681	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VH	NT	1910.00	2.690141	±NA	705.53666	714.46716	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	-1960.00	-2.760563	±NA	705.53124	714.46484	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-20	2300.00	3.239437	±NA	705.53265	714.47195	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-10	2880.00	4.056338	±NA	705.53668	714.46908	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	0	3290.00	4.633803	±NA	705.53634	714.47024	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	10	3460.00	4.873239	±NA	705.53776	714.46916	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	20	1110.00	1.563380	±NA	705.53716	714.46506	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	30	1580.00	2.225352	±NA	705.53393	714.46923	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	40	-450.00	-0.633803	±NA	705.53415	714.46495	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	50	1080.00	1.521127	±NA	705.53533	714.46683	704-716	PASS

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