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	23.25	-0.5	20.6	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.44	-0.5	19.79	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.30	-0.5	20.65	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.54	-0.5	20.89	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.48	-0.5	20.83	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.50	-0.5	19.85	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.55	-0.5	20.9	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.46	-0.5	20.81	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.30	-0.5	20.65	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.57	-0.5	19.92	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.35	-0.5	20.7	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.34	-0.5	20.69	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.21	-0.5	19.56	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.41	-0.5	18.76	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.87	-0.5	20.22	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.34	-0.5	19.69	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.51	-0.5	19.86	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.47	-0.5	18.82	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.01	-0.5	19.36	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.50	-0.5	19.85	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.35	-0.5	19.7	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.55	-0.5	18.9	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.51	-0.5	19.86	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.40	-0.5	19.75	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.48	-0.5	20.83	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.63	-0.5	19.98	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.53	-0.5	20.88	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.63	-0.5	20.98	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.56	-0.5	20.91	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.53	-0.5	19.88	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.67	-0.5	21.02	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.73	-0.5	21.08	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.49	-0.5	20.84	34.8	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.63	-0.5	19.98	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.85	-0.5	21.2	34.8	PASS

Band17	10MHz	QPSK	23800	1RB#49	23.39	-0.5	20.74	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.57	-0.5	19.92	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.60	-0.5	18.95	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.19	-0.5	20.54	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.59	-0.5	19.94	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.79	-0.5	20.14	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.43	-0.5	18.78	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.87	-0.5	20.22	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.47	-0.5	19.82	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.97	-0.5	20.32	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.50	-0.5	18.85	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.28	-0.5	20.63	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.01	-0.5	20.36	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	5.48	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.21	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.35	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.20	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	4.4981	4.907	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4888	4.945	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9451	9.823	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9523	9.833	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

Band Edge

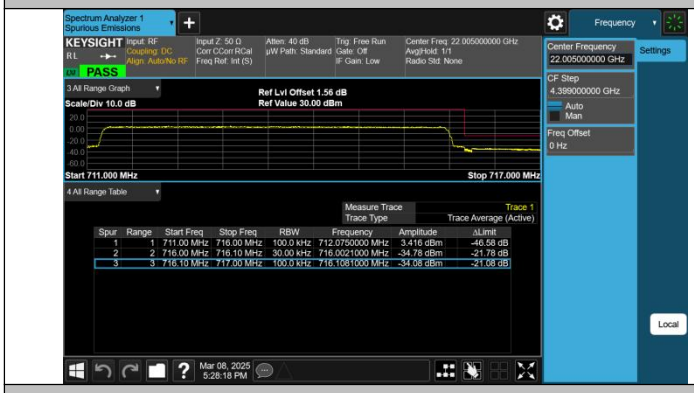
Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-PASS

Band17-5MHz-QPSK-23755-25RB#0-PASS

Band17-5MHz-QPSK-23755-1RB#24-PASS

Band17-5MHz-QPSK-23825-1RB#0-PASS



Band17-5MHz-QPSK-23825-25RB#0-PASS

Band17-5MHz-QPSK-23825-1RB#24-PASS

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

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

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

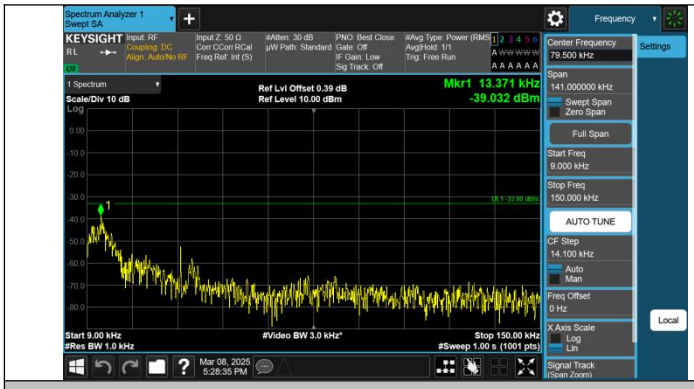
Band17-10MHz-QPSK-23800-1RB#0-PASS

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

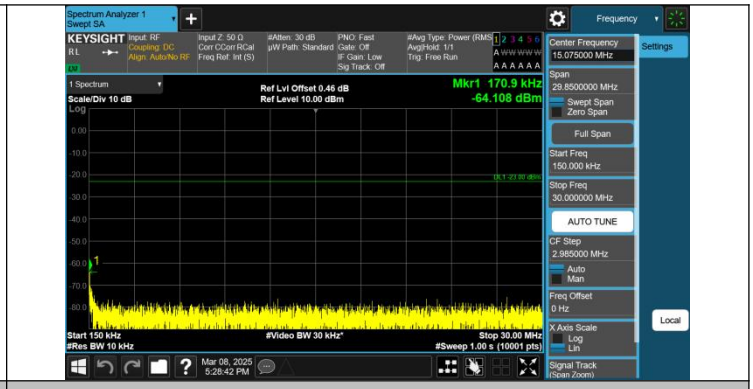
Band17-10MHz-QPSK-23800-1RB#49-PASS

Conducted Spurious Emission

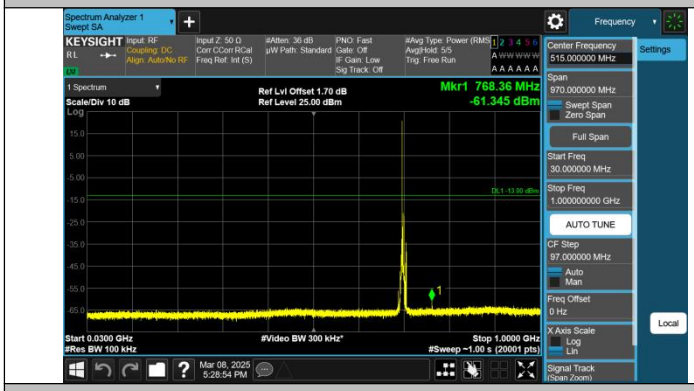
Test Graphs



Band17-5MHz-QPSK-23755-1RB#0-0.009~0.15-PASS



Band17-5MHz-QPSK-23755-1RB#0-0.15~30-PASS

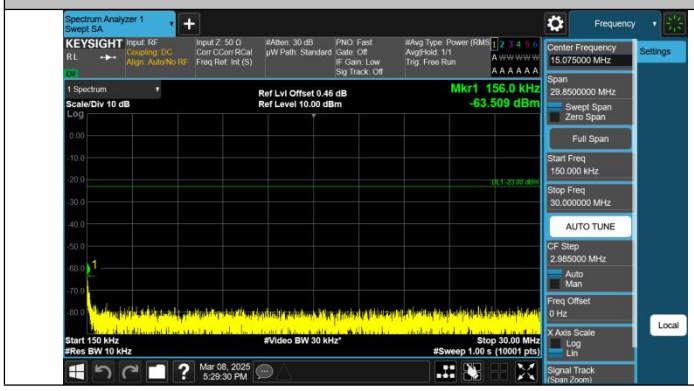


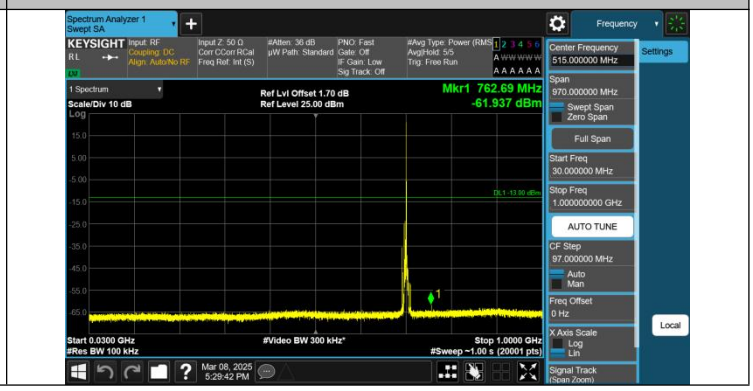
Band17-5MHz-QPSK-23755-1RB#0-30~1000-PASS

Band17-5MHz-QPSK-23755-1RB#0-1000~3000-PASS

Band17-5MHz-QPSK-23755-1RB#0-3000~10000-PASS

Band17-5MHz-QPSK-23755-1RB#24-0.009~0.15-PASS

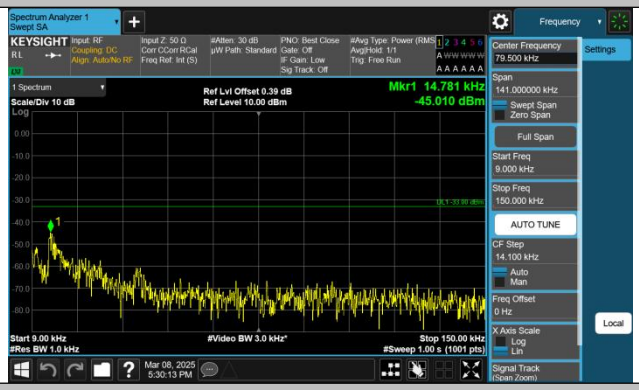




Band17-5MHz-QPSK-23755-1RB#24-0.15~30-PASS

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

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



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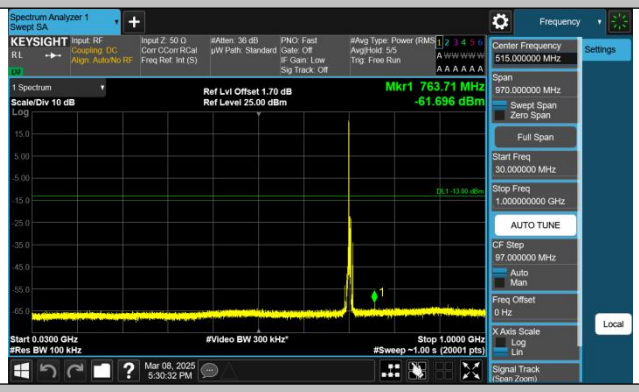
Band17-5MHz-QPSK-23790-1RB#0-0.009~0.15-PASS



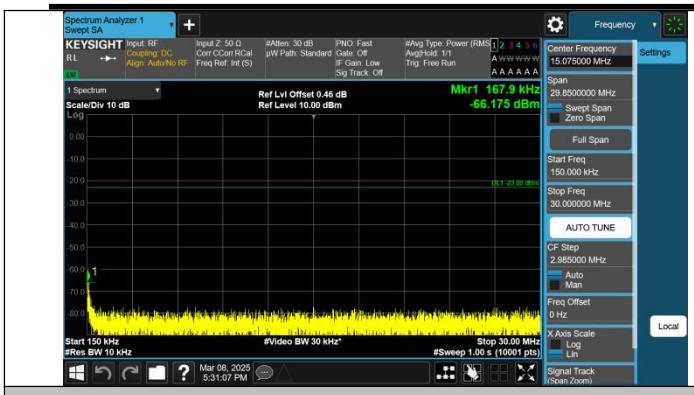
Band17-5MHz-QPSK-23790-1RB#0-0.15~30-PASS

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

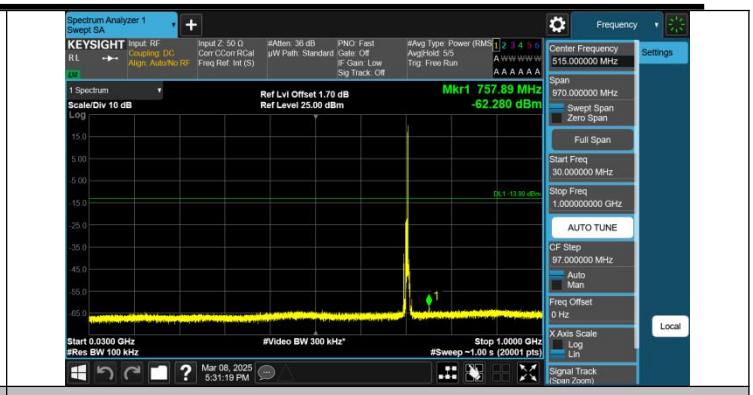
Band17-5MHz-QPSK-23790-1RB#0-1000~3000-PASS

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

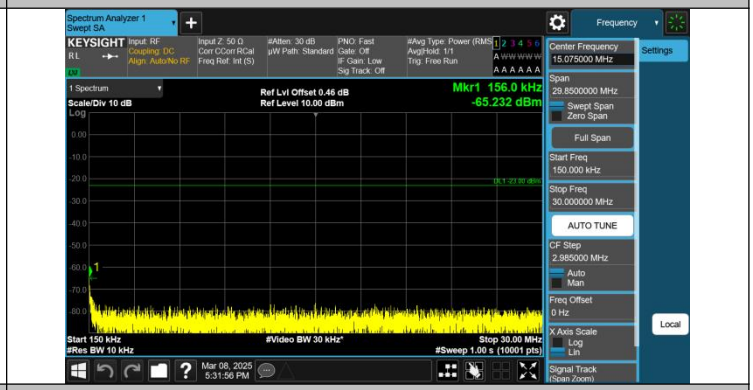


Band17-5MHz-QPSK-23790-1RB#24-30~1000-PASS

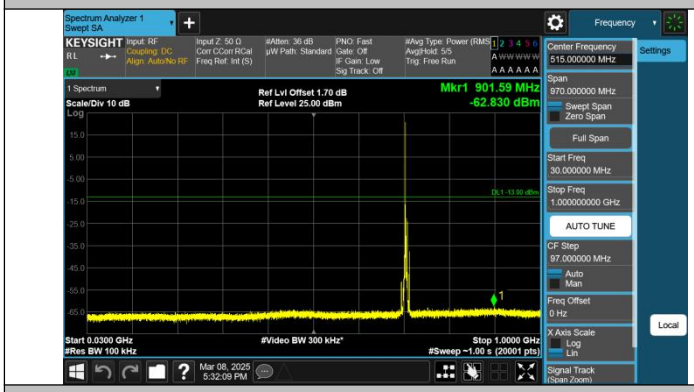
Band17-5MHz-QPSK-23790-1RB#24-1000~3000-PASS

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

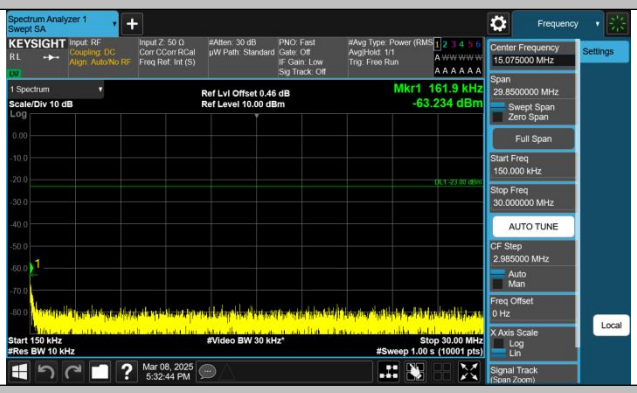


Band17-5MHz-QPSK-23825-1RB#0-30~1000-PASS

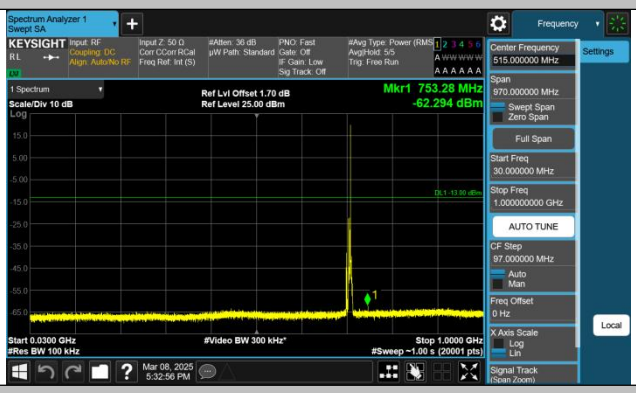
Band17-5MHz-QPSK-23825-1RB#0-1000~3000-PASS

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

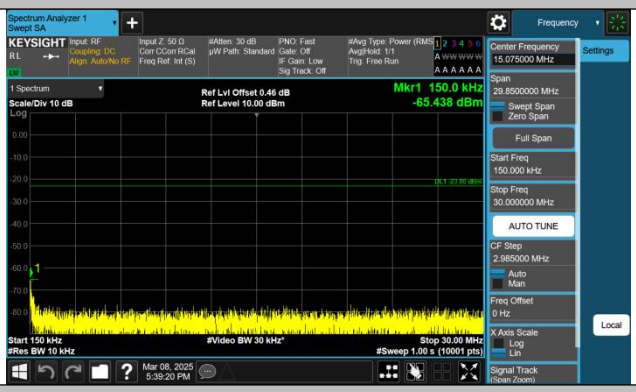


Band17-5MHz-QPSK-23825-1RB#24-30~1000-PASS

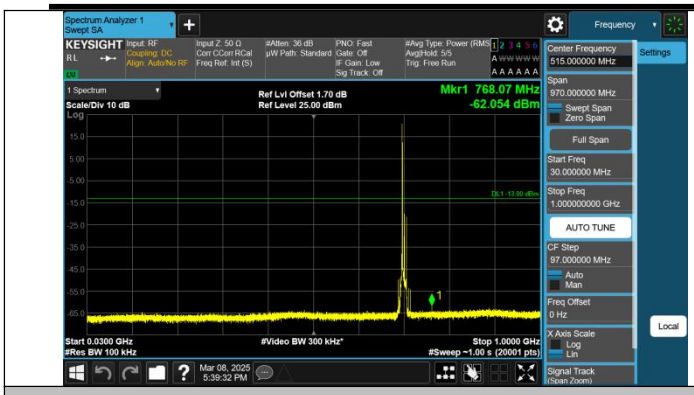
Band17-5MHz-QPSK-23825-1RB#24-1000~3000-PASS

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

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



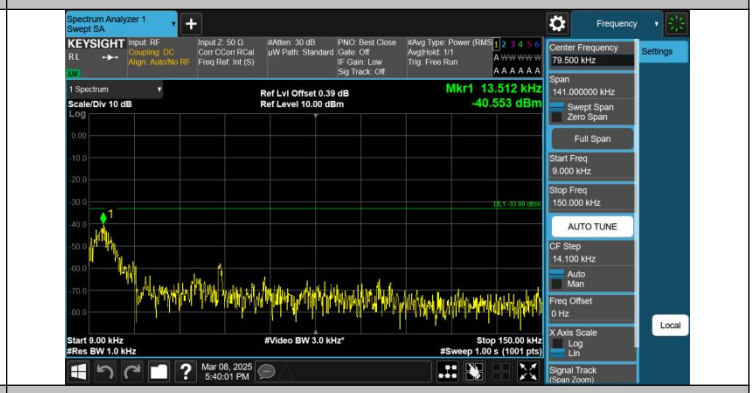
Band17-10MHz-QPSK-23780-1RB#0-0.15~30-PASS



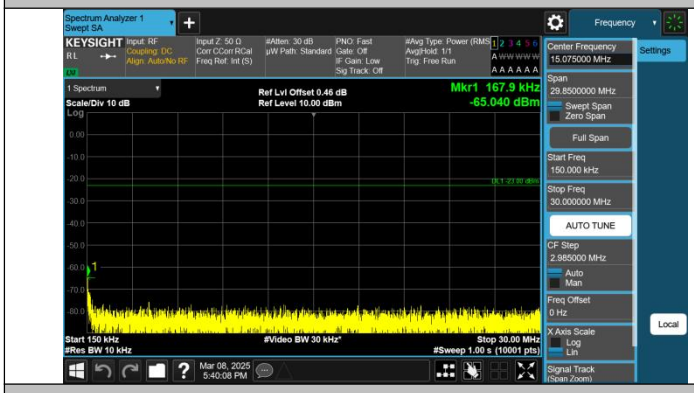
Band17-10MHz-QPSK-23780-1RB#0-30~1000-PASS

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

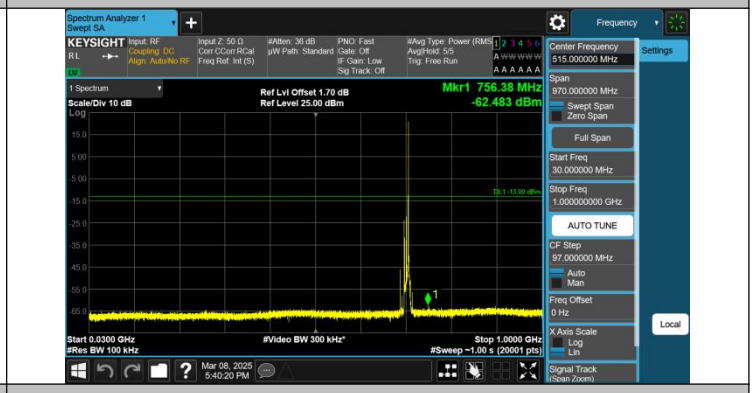
Band17-10MHz-QPSK-23780-1RB#0-3000~10000-PASS



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



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

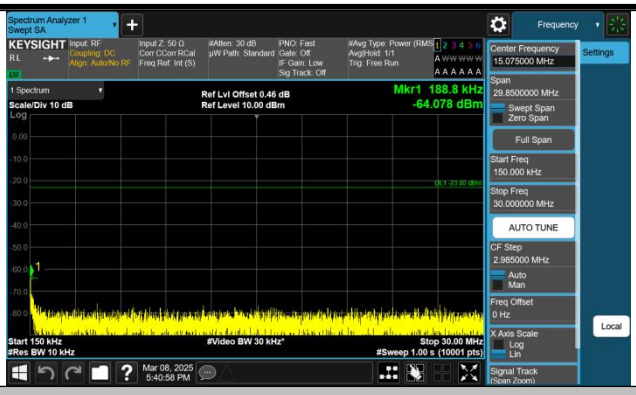


Band17-10MHz-QPSK-23780-1RB#49-30~1000-PASS

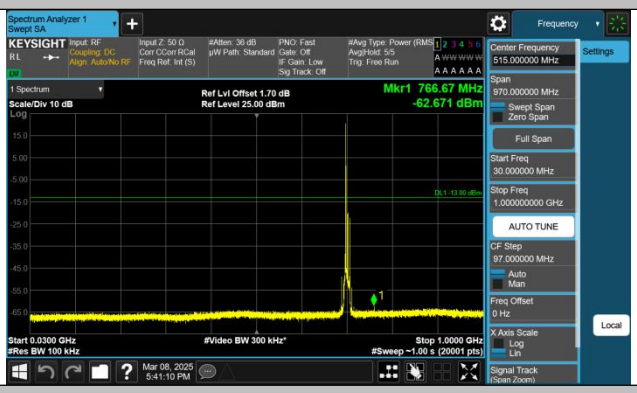
Band17-10MHz-QPSK-23780-1RB#49-1000~3000-PASS

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

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

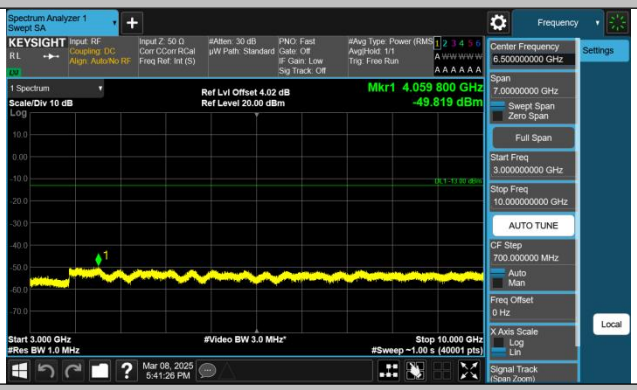


Band17-10MHz-QPSK-23790-1RB#0-0.15~30-PASS



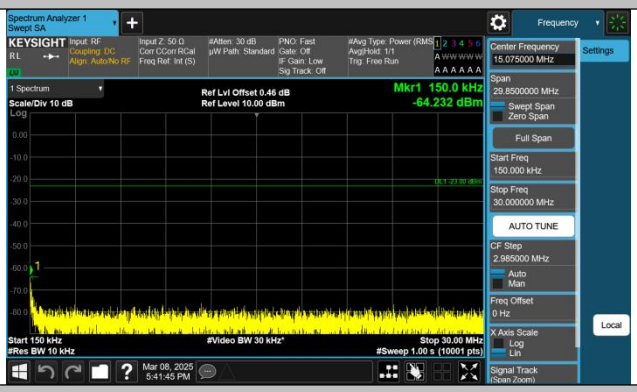
Band17-10MHz-QPSK-23790-1RB#0-30~1000-PASS

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

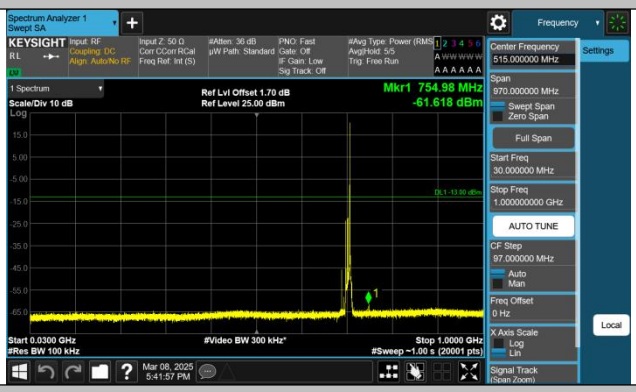


Band17-10MHz-QPSK-23790-1RB#0-3000~10000-PASS

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



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

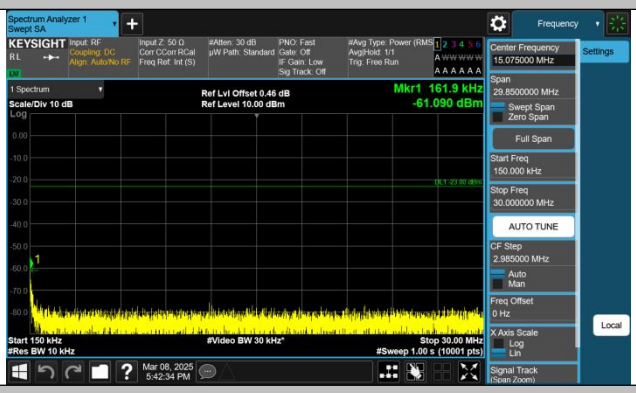


Band17-10MHz-QPSK-23790-1RB#49-30~1000-PASS

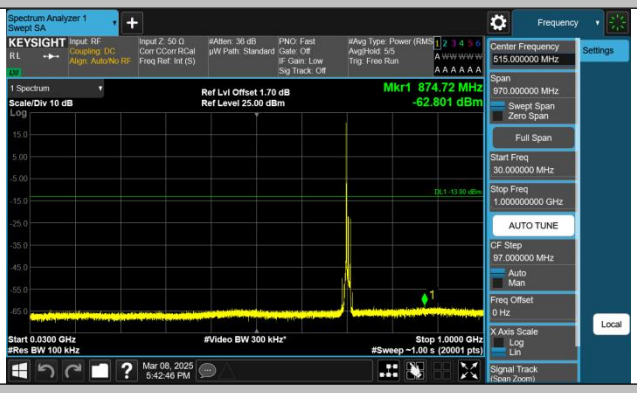
Band17-10MHz-QPSK-23790-1RB#49-1000~3000-PASS

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

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

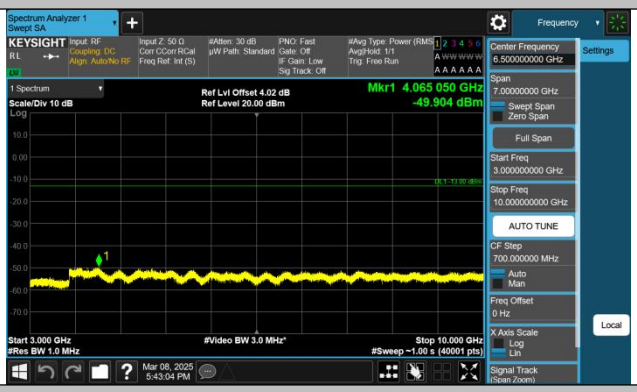


Band17-10MHz-QPSK-23800-1RB#0-0.15~30-PASS

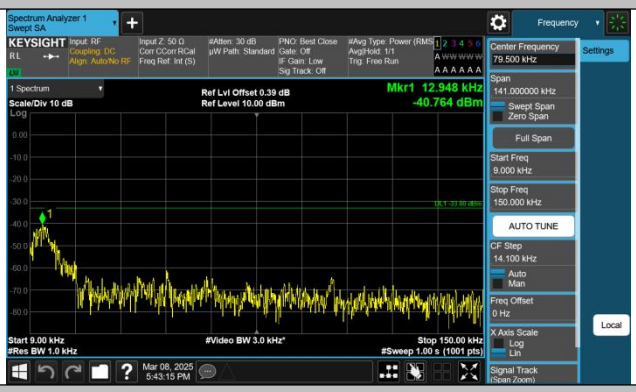


Band17-10MHz-QPSK-23800-1RB#0-30~1000-PASS

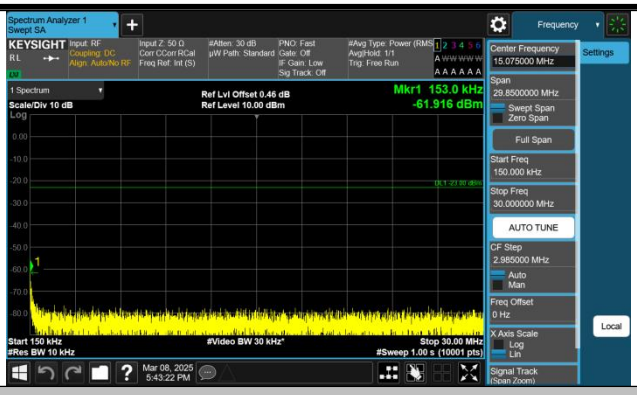
Band17-10MHz-QPSK-23800-1RB#0-1000~3000-PASS



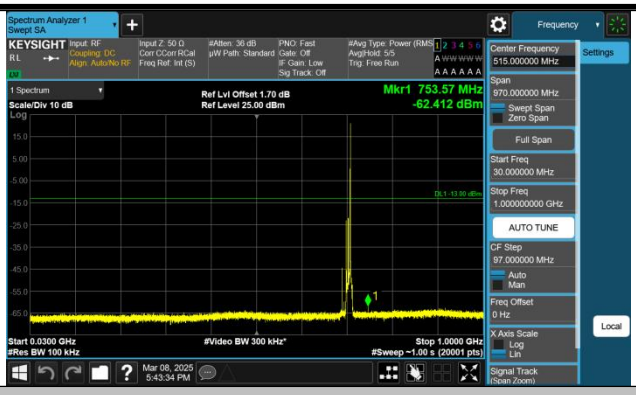
Band17-10MHz-QPSK-23800-1RB#0-3000~10000-PASS



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 Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 17	10MHz	QPSK	23790	50RB#0	VN	NT	8720.00	12.281690	±NA	705.55722	714.46022	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VL	NT	5600.00	7.887324	±NA	705.55185	714.45935	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VH	NT	9640.00	13.577465	±NA	705.55614	714.46314	704-716	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	7240.00	10.197183	±NA	705.54919	714.46529	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	4800.00	6.760563	±NA	705.5461	714.4635	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	8020.00	11.295775	±NA	705.55172	714.46432	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	4720.00	6.647887	±NA	705.54792	714.46152	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	6690.00	9.422535	±NA	705.54859	714.46479	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	9100.00	12.816901	±NA	705.55295	714.46525	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	8360.00	11.774648	±NA	705.55261	714.46411	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	8110.00	11.422535	±NA	705.55246	714.46376	704-716	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	6510.00	9.169014	±NA	705.55251	714.46051	704-716	PASS

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