

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.83	1.7	22.38	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.34	1.7	21.89	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.09	1.7	22.64	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.92	1.7	22.47	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.92	1.7	22.47	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.39	1.7	21.94	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.04	1.7	22.59	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.1	1.7	22.65	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.93	1.7	22.48	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.37	1.7	21.92	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.8	1.7	22.35	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.71	1.7	22.26	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.8	1.7	21.35	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.36	1.7	20.91	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.89	1.7	21.44	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.16	1.7	21.71	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.33	1.7	21.88	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.39	1.7	20.94	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.33	1.7	21.88	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.28	1.7	21.83	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.23	1.7	21.78	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.22	1.7	20.77	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.66	1.7	22.21	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.17	1.7	21.72	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.84	1.7	22.39	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.51	1.7	22.06	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.23	1.7	22.78	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.92	1.7	22.47	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.93	1.7	22.48	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.44	1.7	21.99	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.36	1.7	22.91	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.82	1.7	22.37	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.92	1.7	22.47	34.8	PASS

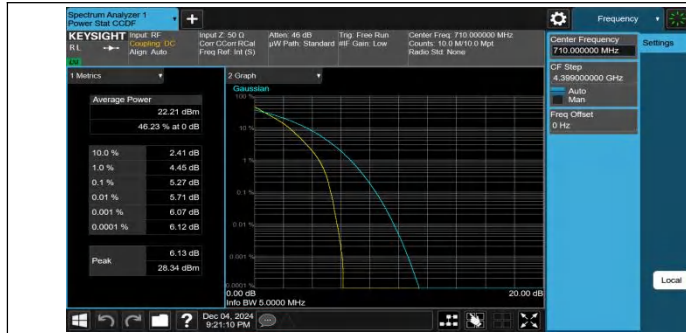
Band17	10MHz	QPSK	23800	50RB#0	22.46	1.7	22.01	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.95	1.7	22.5	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.94	1.7	22.49	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.39	1.7	21.94	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.33	1.7	20.88	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.7	1.7	22.25	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.34	1.7	21.89	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.34	1.7	21.89	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.39	1.7	20.94	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.73	1.7	22.28	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.2	1.7	21.75	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.57	1.7	22.12	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.29	1.7	20.84	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.22	1.7	22.77	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.54	1.7	22.09	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	5.27	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.15	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.30	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.14	13	PASS

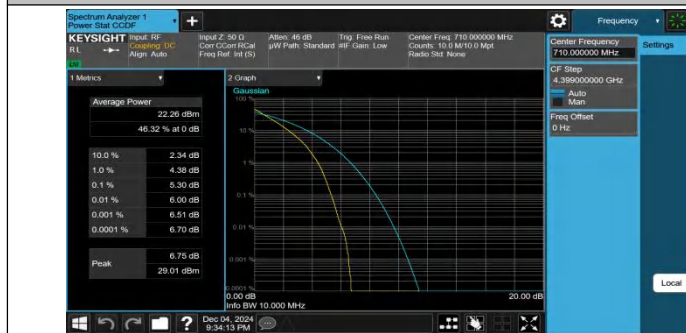
Test Graphs



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



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



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



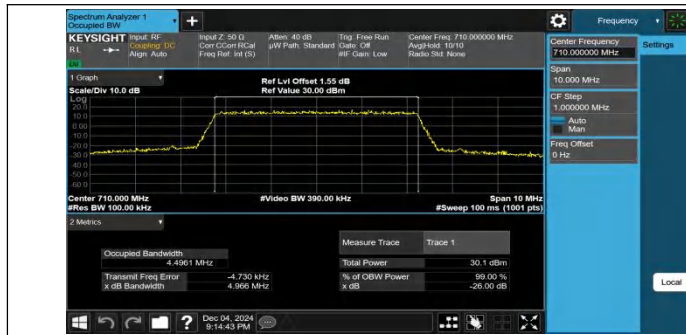
Band17-10MHz-16QAM-23790-50RB#0-PASS

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	4.4961	4.966	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4971	4.902	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9660	9.885	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9415	9.796	PASS

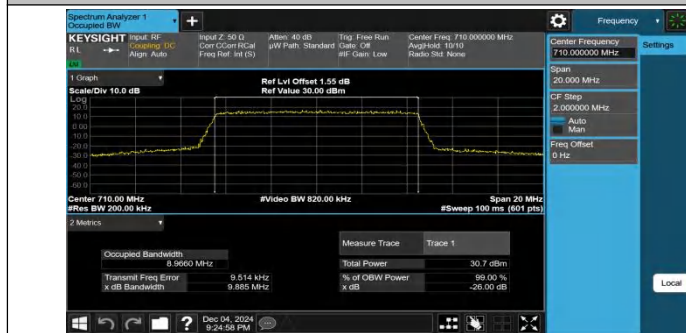
Test Graphs



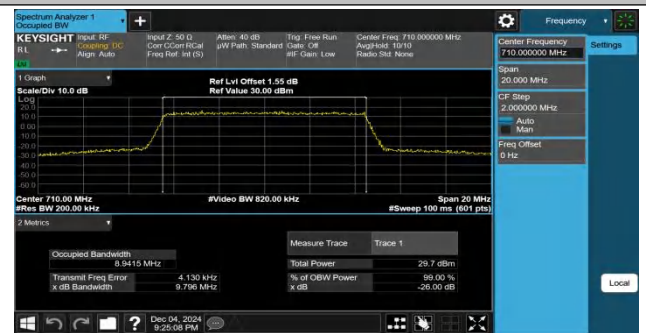
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Band17-5MHz-16QAM-23790-25RB#0-PASS



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

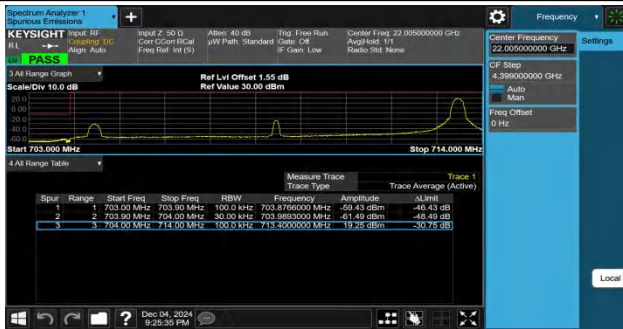


Band17-10MHz-16QAM-23790-50RB#0-PASS

Band Edge

Test Graphs

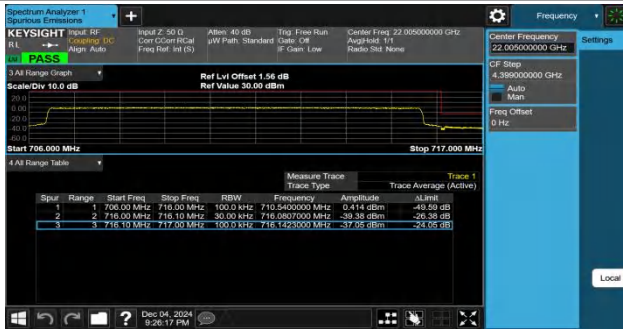




Band17-10MHz-QPSK-23780-1RB#49-PASS



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



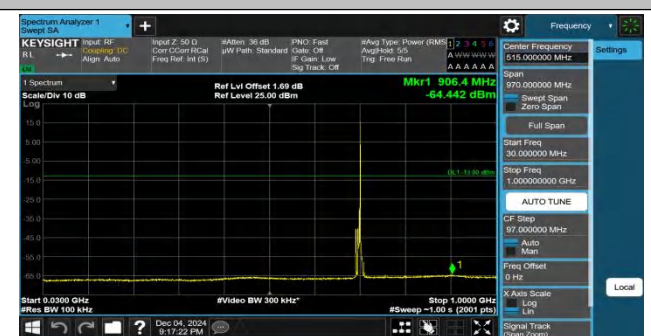
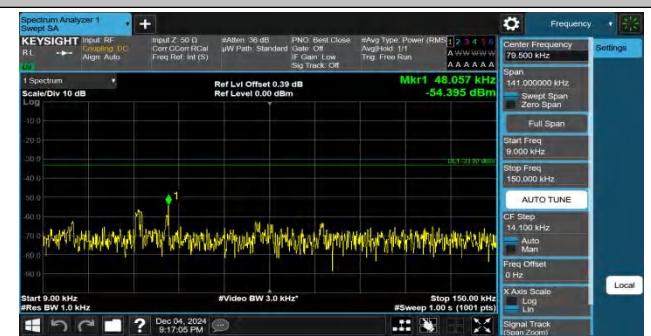
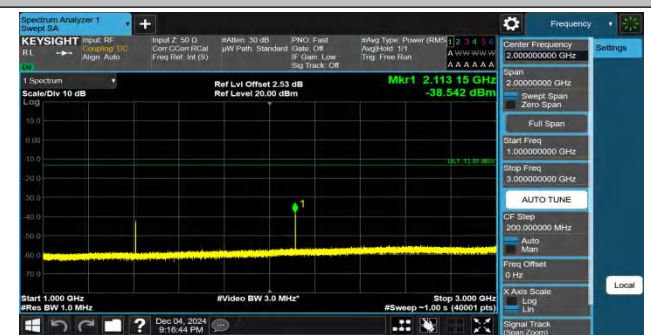
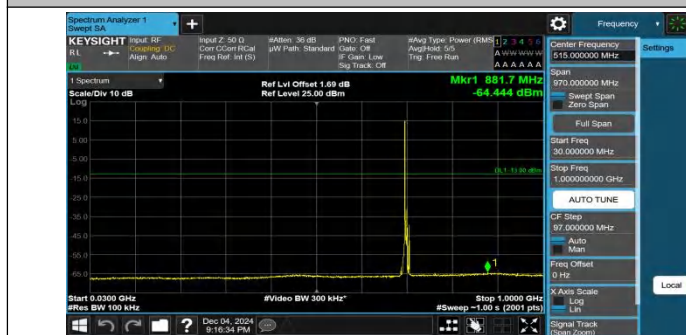
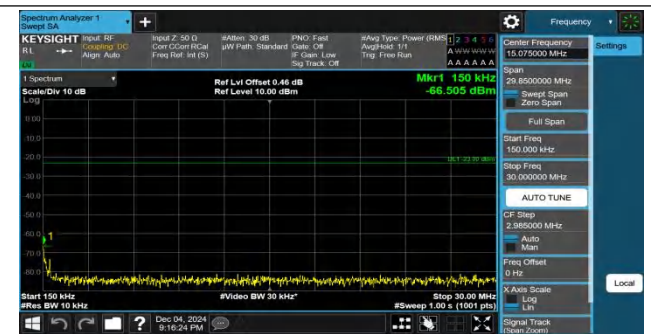
Band17-10MHz-QPSK-23800-50RB#0-PASS

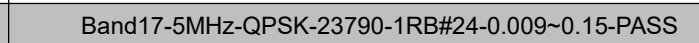
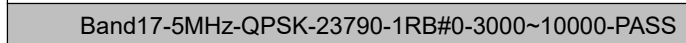
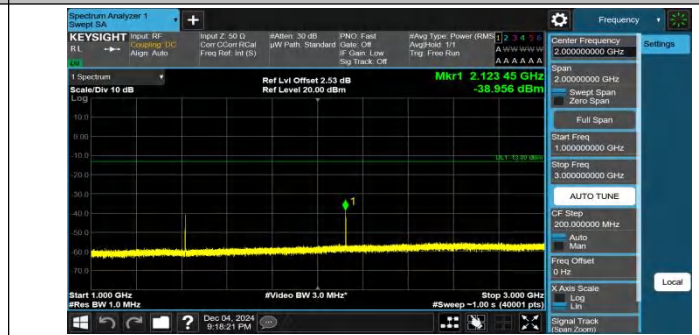
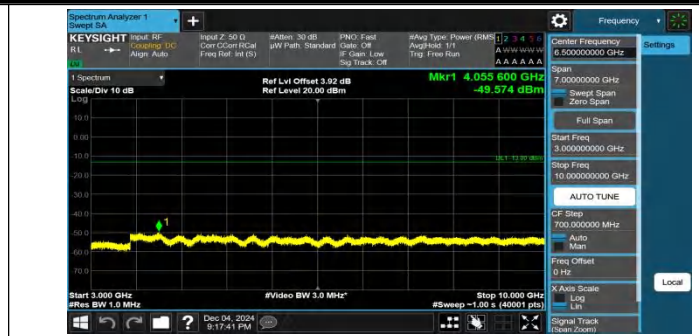
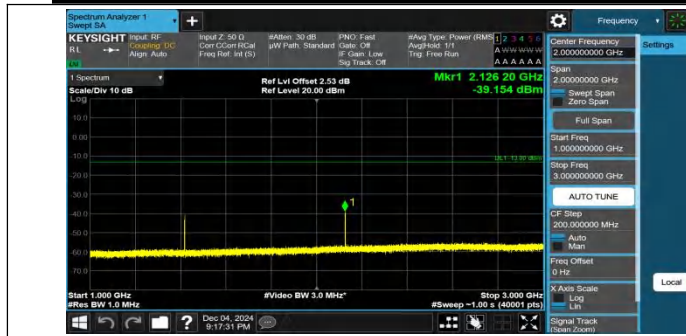


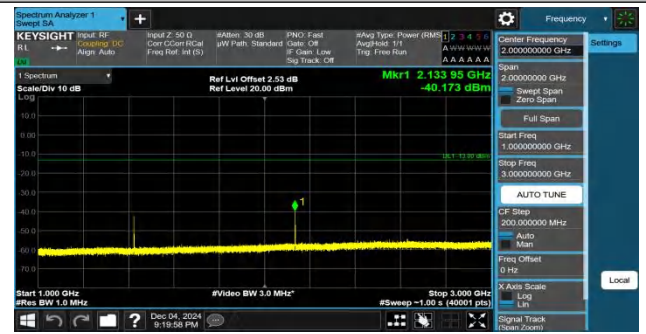
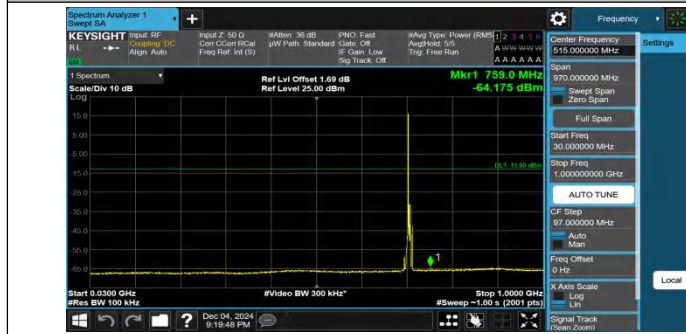
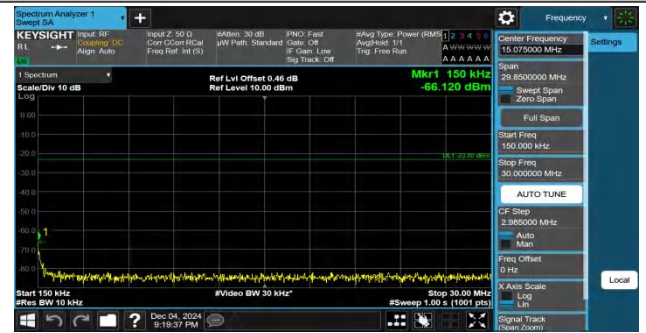
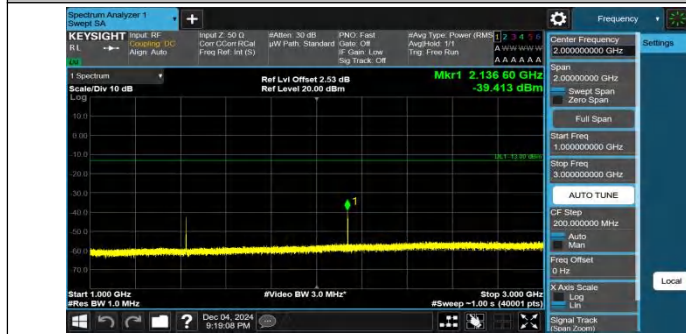
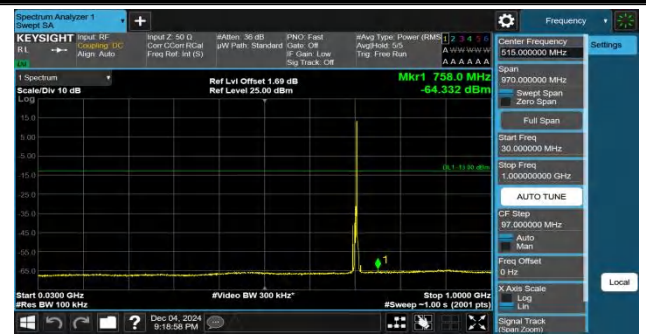
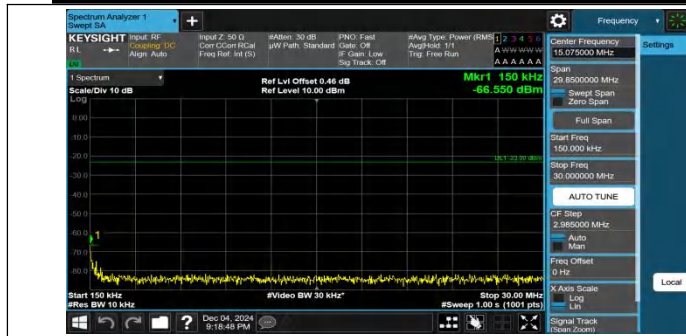
Band17-10MHz-QPSK-23800-1RB#49-PASS

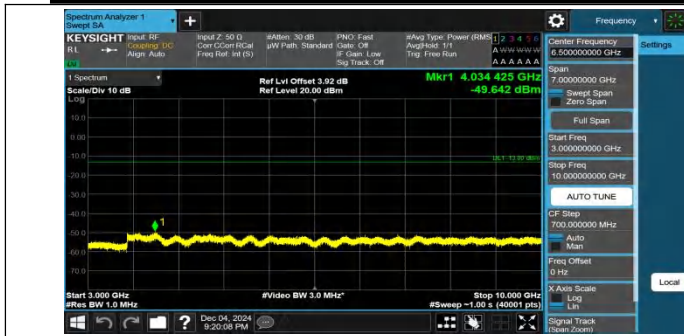
Conducted Spurious Emission

Test Graphs









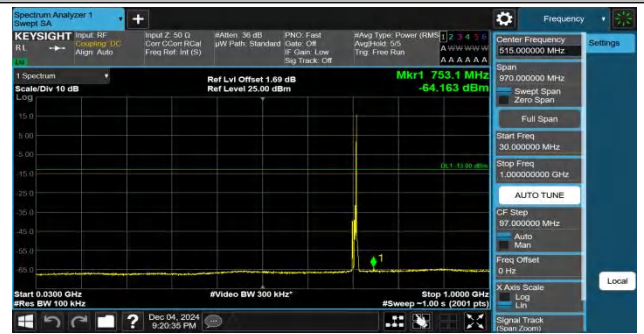
Band17-5MHz-QPSK-23825-1RB#0-3000~10000-PASS



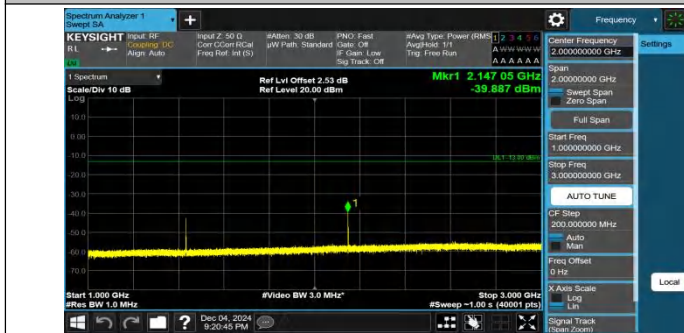
Band17-5MHz-QPSK-23825-1RB#24-0.009~0.15-PASS



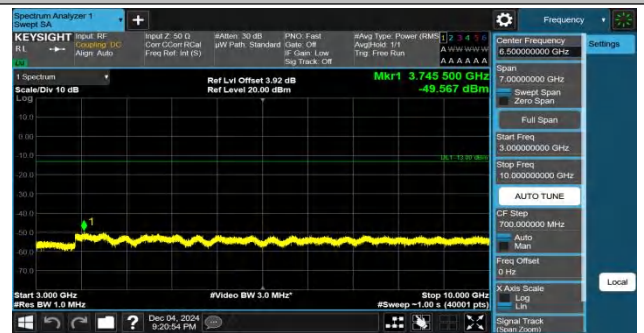
Band17-5MHz-QPSK-23825-1RB#24-0.15~30-PASS



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



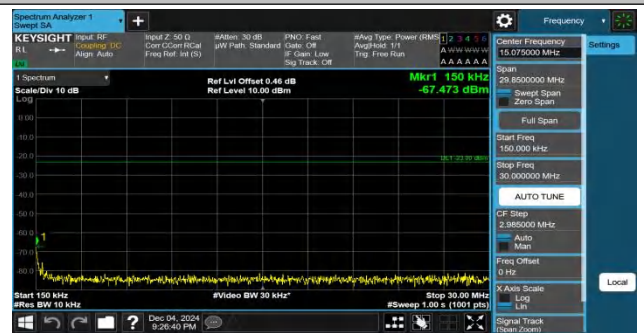
Band17-5MHz-QPSK-23825-1RB#24-1000~3000-PASS



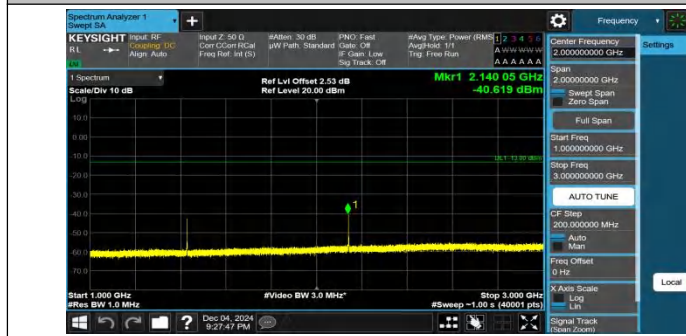
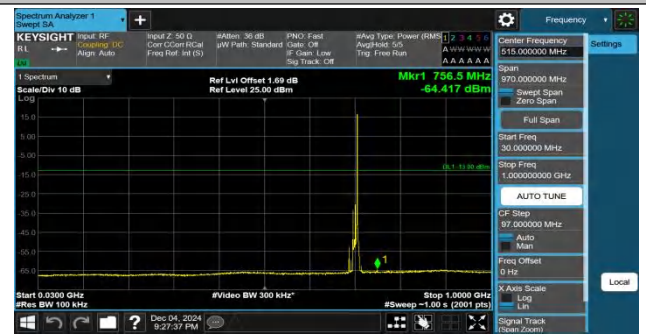
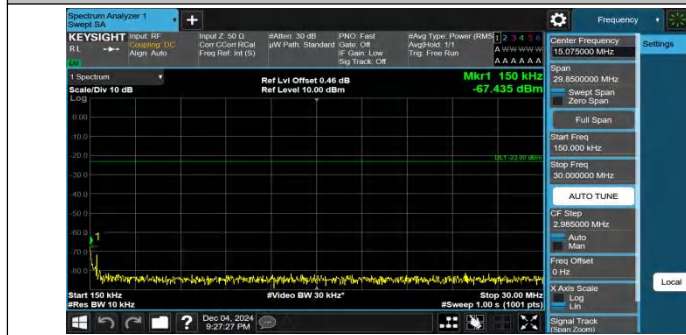
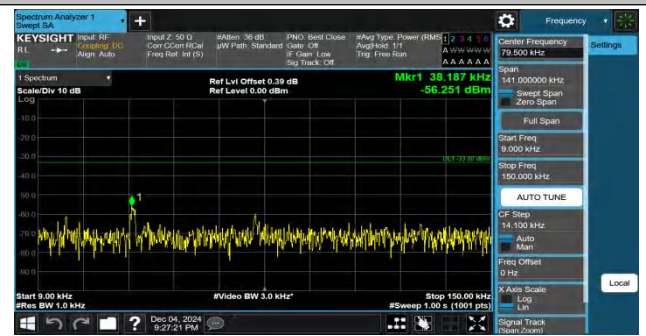
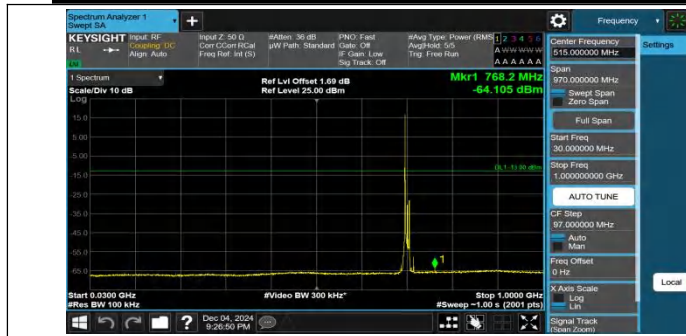
Band17-5MHz-QPSK-23825-1RB#24-3000~10000-PASS



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



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

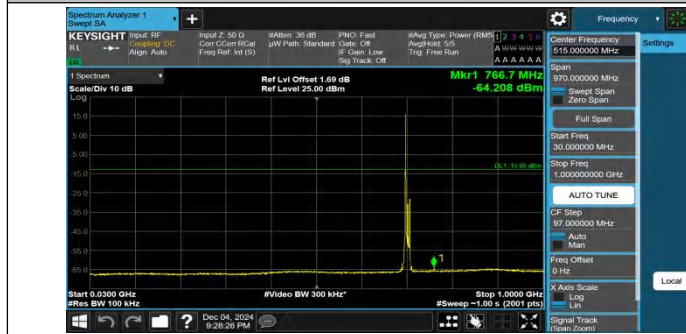




Band17-10MHz-QPSK-23790-1RB#0-0.009~0.15-PASS



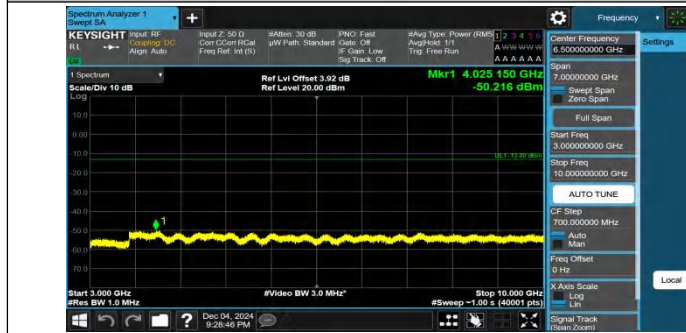
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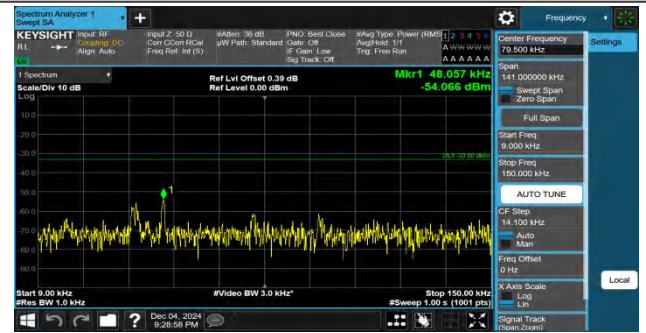
Band17-10MHz-QPSK-23790-1RB#0-30~1000-PASS



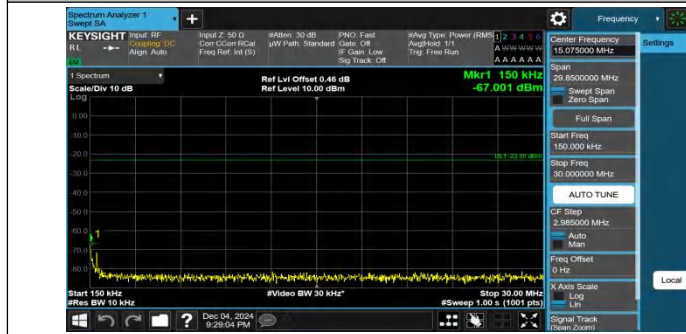
Band17-10MHz-QPSK-23790-1RB#0-1000~3000-PASS



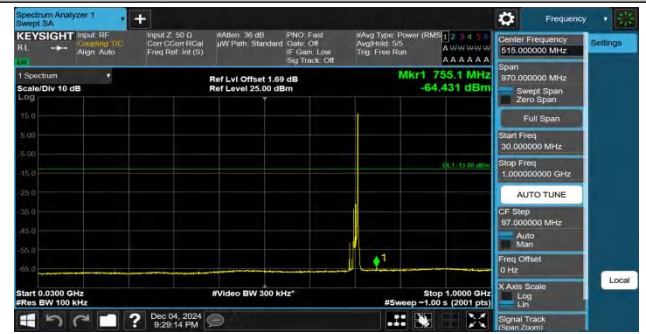
Band17-10MHz-QPSK-23790-1RB#0-3000~10000-PASS



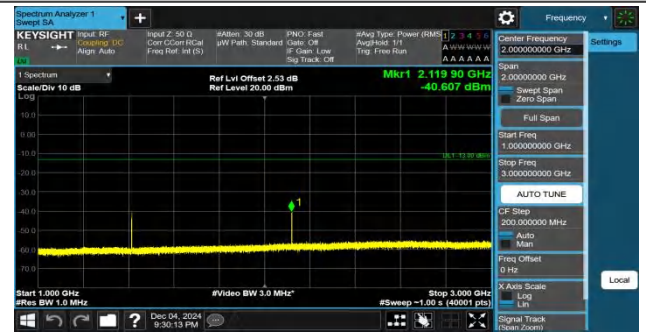
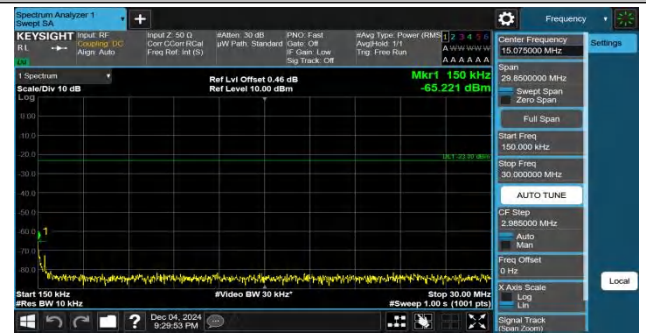
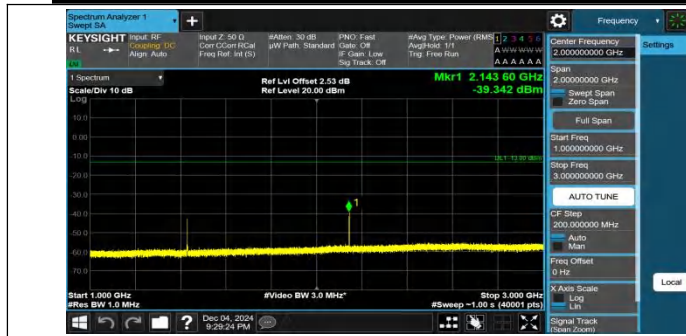
Band17-10MHz-QPSK-23790-1RB#49-0.009~0.15-PASS



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

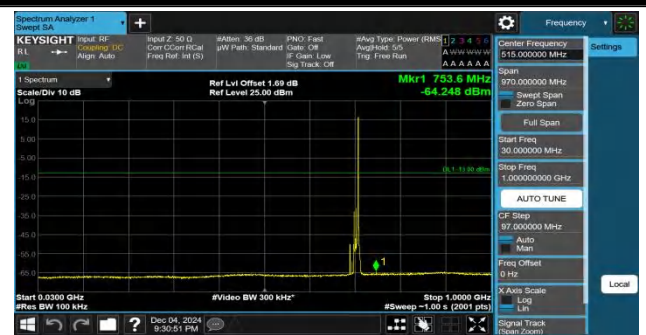


Band17-10MHz-QPSK-23790-1RB#49-30~1000-PASS

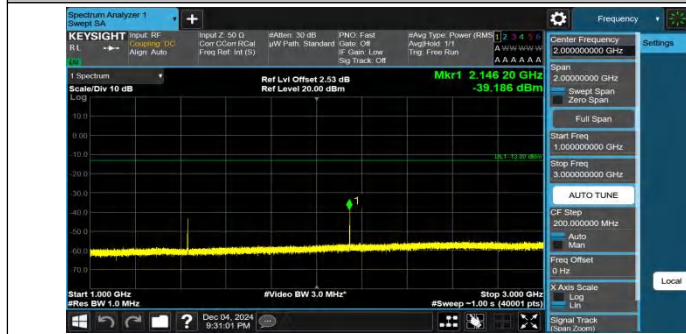




Band17-10MHz-QPSK-23800-1RB#49-0.15~30-PASS



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	3980.00	5.605634	±NA	705.54373	714.46423	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VL	NT	1730.00	2.436620	±NA	705.54168	714.46178	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	VH	NT	780.00	1.098592	±NA	705.53638	714.46518	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	-80.00	-0.112676	±NA	705.53497	714.46487	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-20	4040.00	5.690141	±NA	705.53964	714.46844	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-10	2260.00	3.183099	±NA	705.53986	714.46466	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	0	4990.00	7.028169	±NA	705.54359	714.46639	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	10	1640.00	2.309859	±NA	705.53689	714.46639	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	20	3160.00	4.450704	±NA	705.53791	714.46841	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	30	3480.00	4.901408	±NA	705.53703	714.46993	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	40	4040.00	5.690141	±NA	705.54244	714.46564	704-716	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	50	1870.00	2.633803	±NA	705.53747	714.46627	704-716	PASS

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