Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.17	20.82	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.27	20.92	34.8	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.29	20.94	34.8	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.28	19.93	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.23	20.88	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.35	21	34.8	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.25	20.9	34.8	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.30	19.95	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.27	20.92	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.35	21	34.8	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.24	20.89	34.8	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.23	19.88	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.32	18.97	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.68	19.33	34.8	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.77	19.42	34.8	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.18	17.83	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.37	19.02	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.48	19.13	34.8	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.47	19.12	34.8	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.34	17.99	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.06	18.71	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.17	18.82	34.8	PASS
Band17	5MHz	64QAM	23825	1RB#24	20.75	18.4	34.8	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.27	17.92	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#0	18.29	15.94	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#12	18.46	16.11	34.8	PASS
Band17	5MHz	256QAM	23755	1RB#24	18.44	16.09	34.8	PASS
Band17	5MHz	256QAM	23755	25RB#0	18.27	15.92	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#0	18.26	15.91	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#12	18.39	16.04	34.8	PASS
Band17	5MHz	256QAM	23790	1RB#24	18.38	16.03	34.8	PASS
Band17	5MHz	256QAM	23790	25RB#0	18.32	15.97	34.8	PASS
Band17	5MHz	256QAM	23825	1RB#0	18.49	16.14	34.8	PASS
Band17	5MHz	256QAM	23825	1RB#12	18.58	16.23	34.8	PASS
Band17	5MHz	256QAM	23825	1RB#24	18.53	16.18	34.8	PASS

Band17	5MHz	256QAM	23825	25RB#0	18.22	15.87	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.34	19.99	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.43	20.08	34.8	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.46	20.11	34.8	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.30	18.95	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.18	19.83	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.30	19.95	34.8	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.27	19.92	34.8	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.33	18.98	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.29	19.94	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.32	19.97	34.8	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.25	19.9	34.8	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.22	18.87	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.15	20.8	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.14	20.79	34.8	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.23	20.88	34.8	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.24	19.89	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.26	20.91	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.21	20.86	34.8	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.24	20.89	34.8	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.20	19.85	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.18	20.83	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.21	20.86	34.8	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.18	20.83	34.8	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.25	19.9	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.02	18.67	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.22	18.87	34.8	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.04	18.69	34.8	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.25	17.9	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#0	20.95	18.6	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.11	18.76	34.8	PASS
Band17	10MHz	64QAM	23790	1RB#49	20.91	18.56	34.8	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.25	17.9	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.33	18.98	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.37	19.02	34.8	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.14	18.79	34.8	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.24	17.89	34.8	PASS
Band17	10MHz	256QAM	23780	1RB#0	18.22	15.87	34.8	PASS
Band17	10MHz	256QAM	23780	1RB#24	18.38	16.03	34.8	PASS
Band17	10MHz	256QAM	23780	1RB#49	18.37	16.02	34.8	PASS
Band17	10MHz	256QAM	23780	50RB#0	18.34	15.99	34.8	PASS

Band17	10MHz	256QAM	23790	1RB#0	18.09	15.74	34.8	PASS
Band17	10MHz	256QAM	23790	1RB#24	18.35	16	34.8	PASS
Band17	10MHz	256QAM	23790	1RB#49	18.34	15.99	34.8	PASS
Band17	10MHz	256QAM	23790	50RB#0	18.28	15.93	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#0	17.90	15.55	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#24	18.05	15.7	34.8	PASS
Band17	10MHz	256QAM	23800	1RB#49	18.02	15.67	34.8	PASS
Band17	10MHz	256QAM	23800	50RB#0	18.16	15.81	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.33	19.98	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.27	19.92	34.8	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.32	19.97	34.8	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.26	18.91	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.14	19.79	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.06	19.71	34.8	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.09	19.74	34.8	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.23	18.88	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.02	19.67	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.08	19.73	34.8	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.15	19.8	34.8	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.28	18.93	34.8	PASS

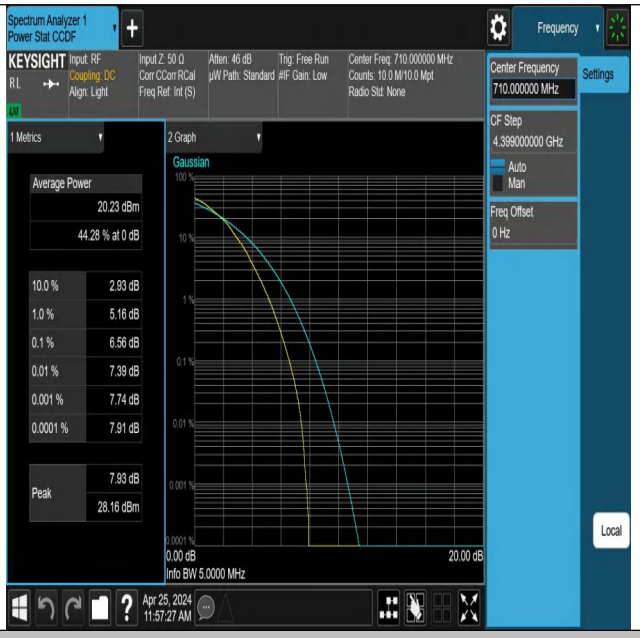
Peak-to-Average Ratio(CCDF)

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	64QAM	23790	25RB#0	6.56	13	PASS
Band17	5MHz	256QAM	23790	25RB#0	6.59	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.02	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.11	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.48	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.56	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.93	13	PASS

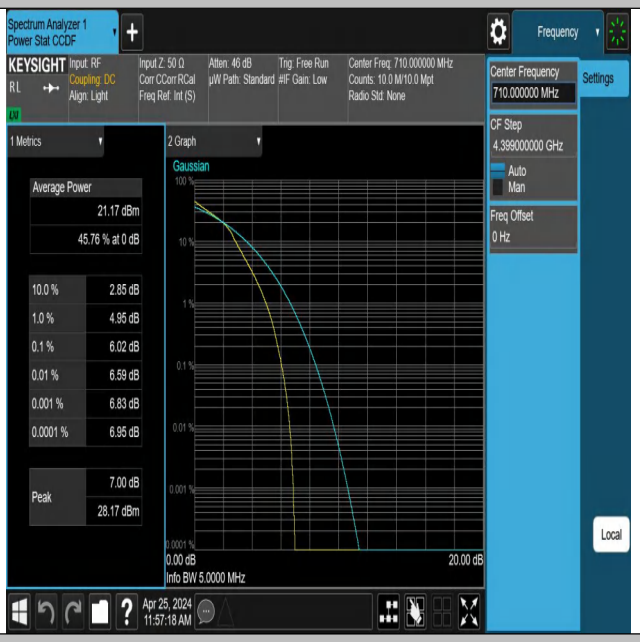
Test Graphs

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

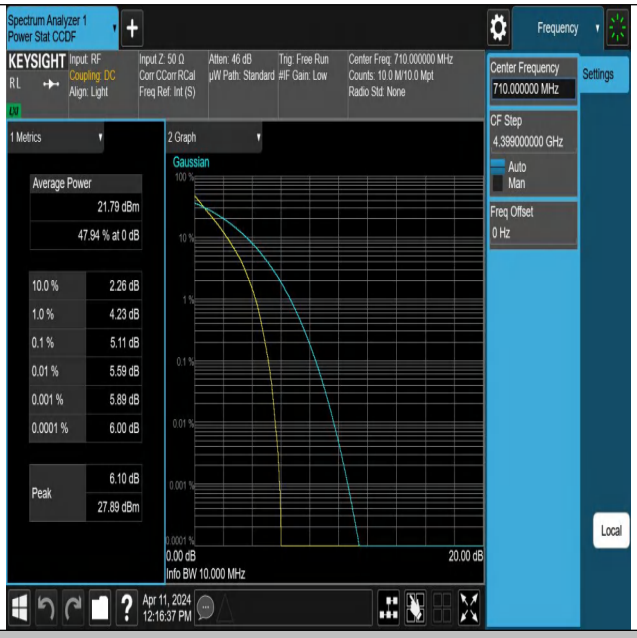


Band17-5MHz-64QAM-23790-25RB#0-PASS

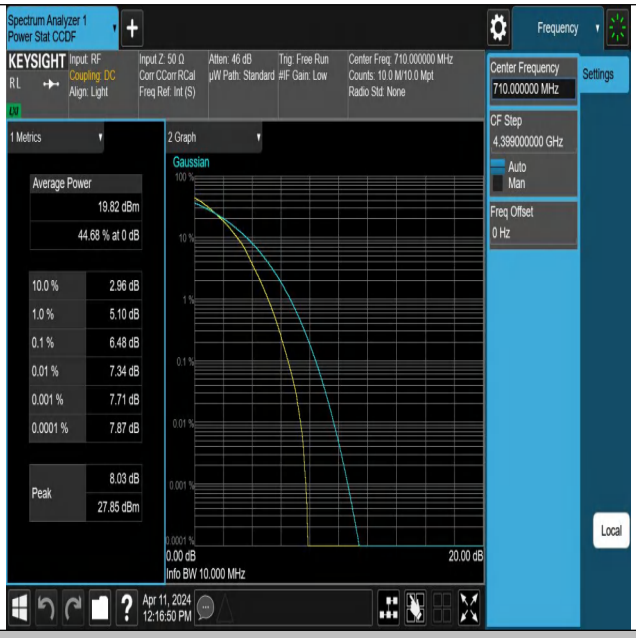
Band17-5MHz-256QAM-23790-25RB#0-PASS



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

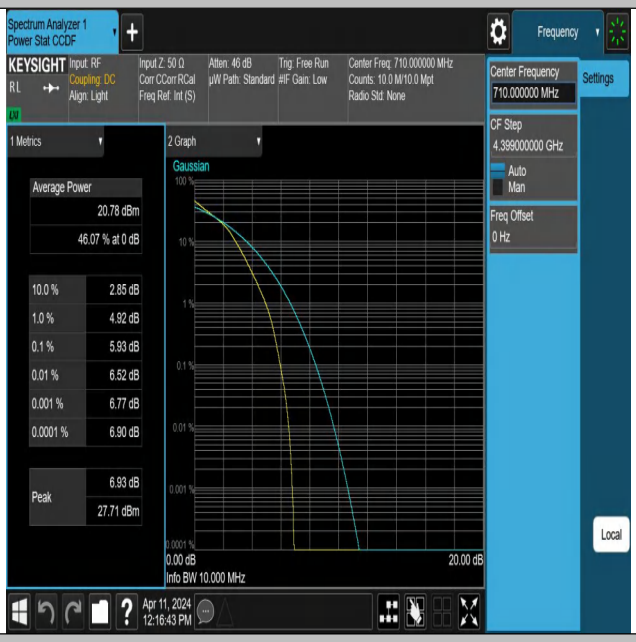


Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-64QAM-23790-50RB#0-PASS

Band17-10MHz-256QAM-23790-50RB#0-PASS



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

26dB Bandwidth and Occupied Bandwidth

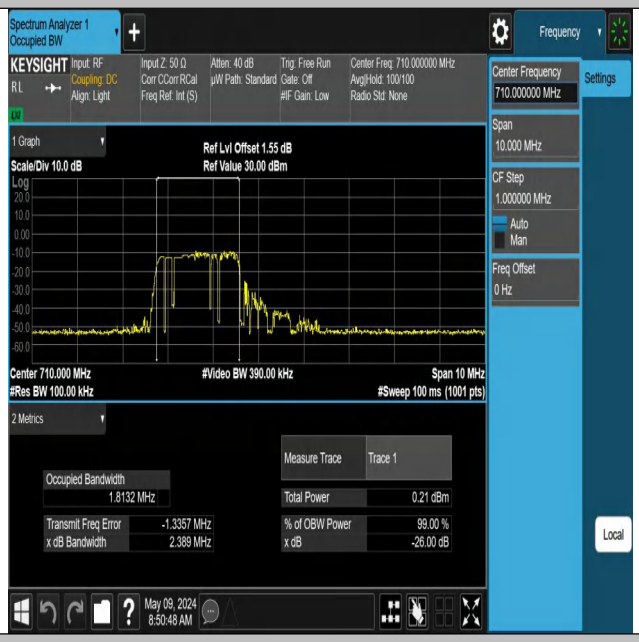
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23790	25RB#0	4.4900	4.965	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.4952	4.967	PASS
Band17	5MHz	256QAM	23790	25RB#0	1.8132	2.389	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4997	4.978	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9459	9.757	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.9703	9.795	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.9489	9.812	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9503	9.754	PASS

Test Graphs

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

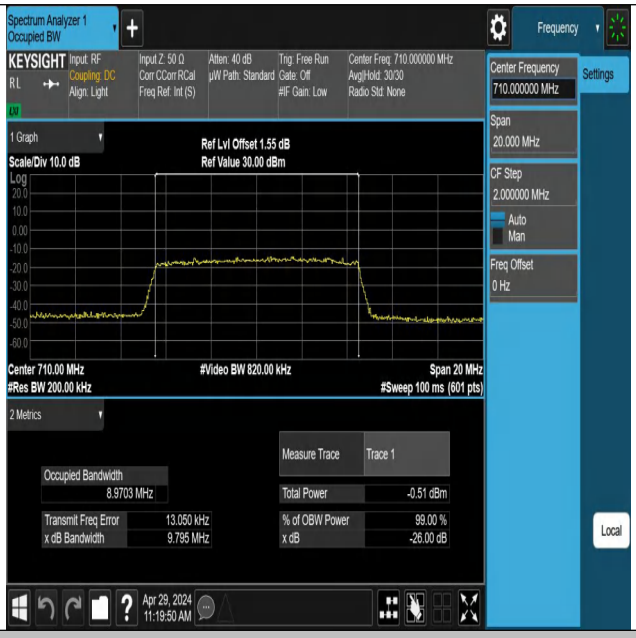
Band17-5MHz-64QAM-23790-25RB#0-PASS



Band17-5MHz-256QAM-23790-25RB#0-PASS

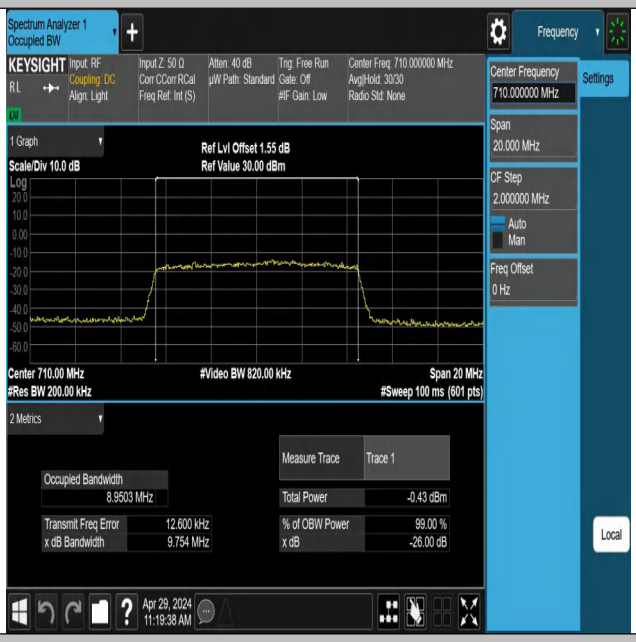
Band17-5MHz-16QAM-23790-25RB#0-PASS

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



Band17-10MHz-64QAM-23790-50RB#0-PASS

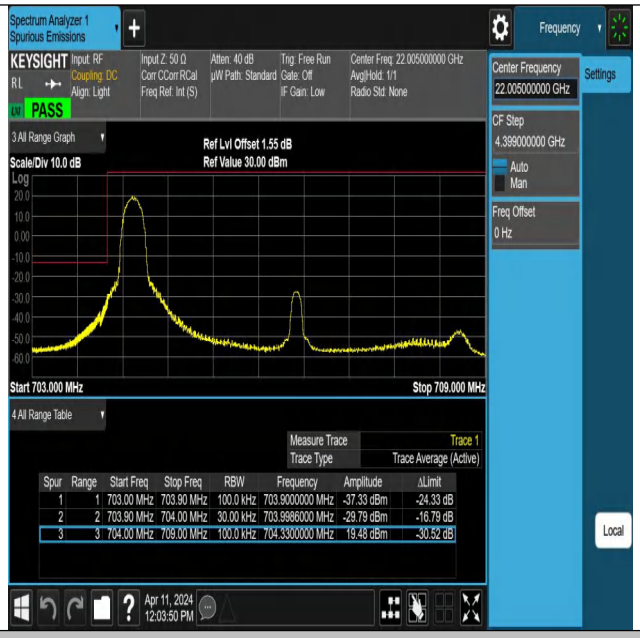
Band17-10MHz-256QAM-23790-50RB#0-PASS



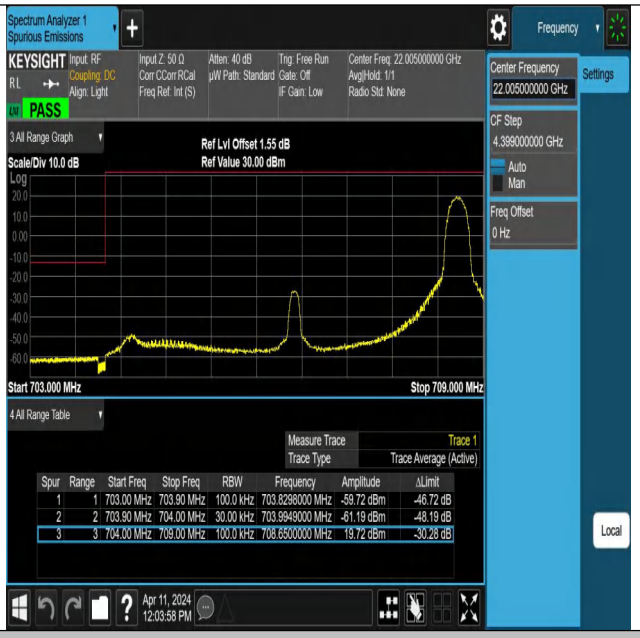
Band17-10MHz-16QAM-23790-50RB#0-PASS

Band Edge

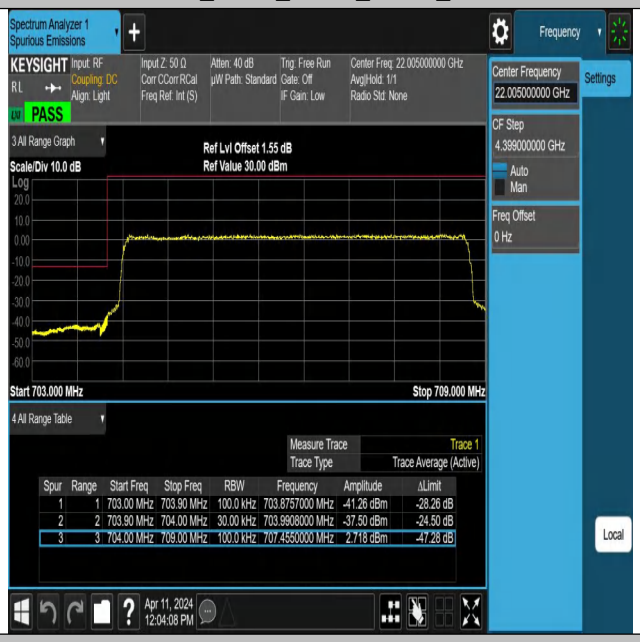
Test Graphs



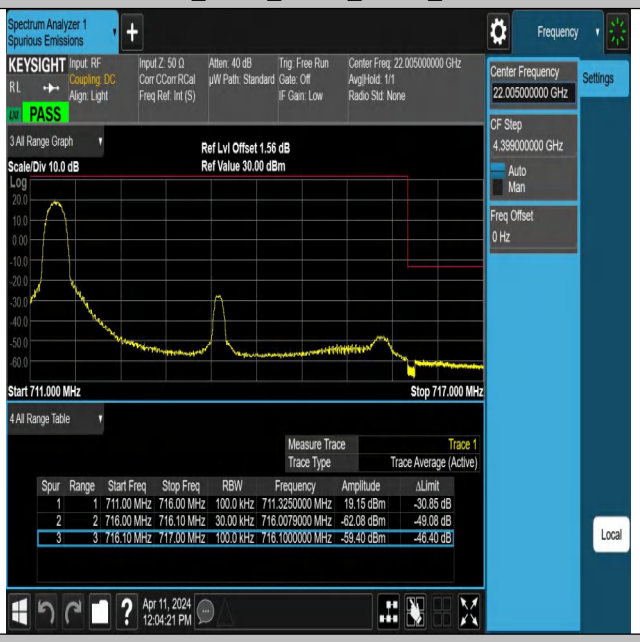
Band17_5MHz_QPSK_23755_1RB#0



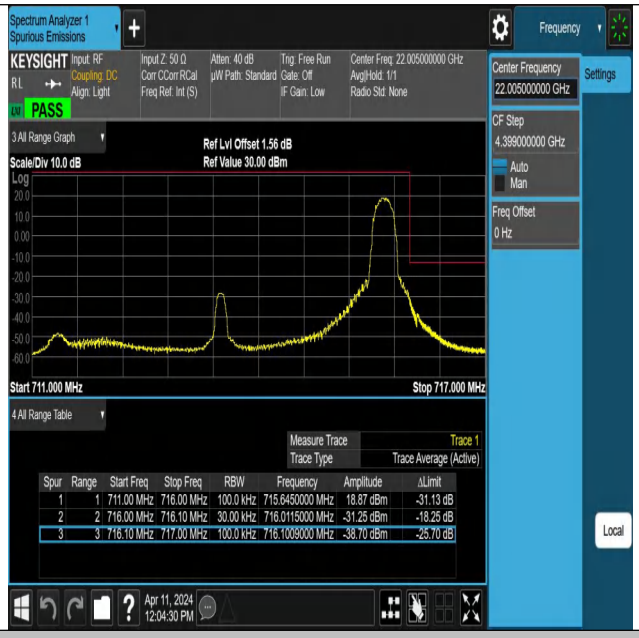
Band17_5MHz_QPSK_23755_1RB#24



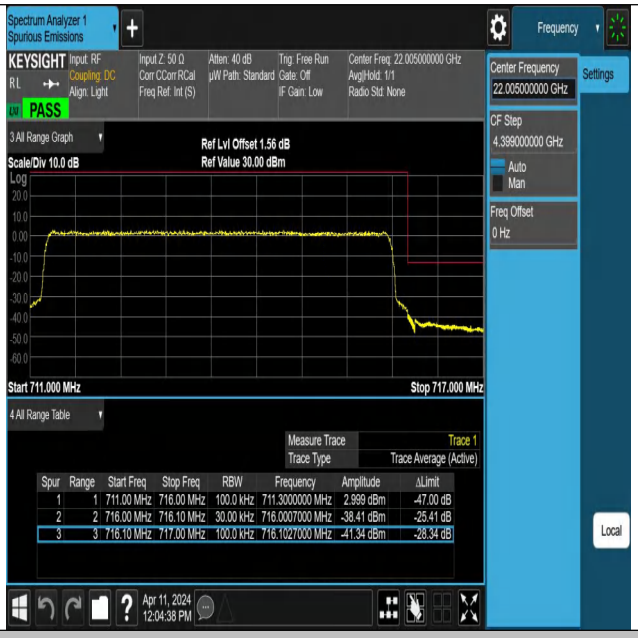
Band17_5MHz_QPSK_23755_25RB#0



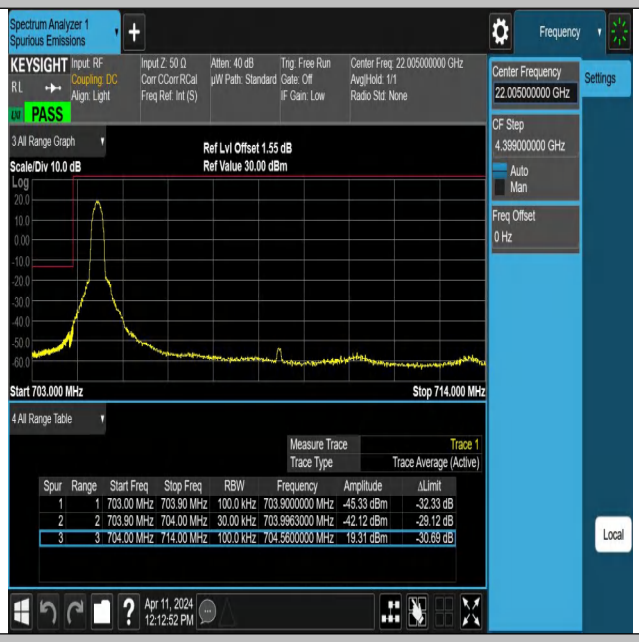
Band17_5MHz_QPSK_23825_1RB#0



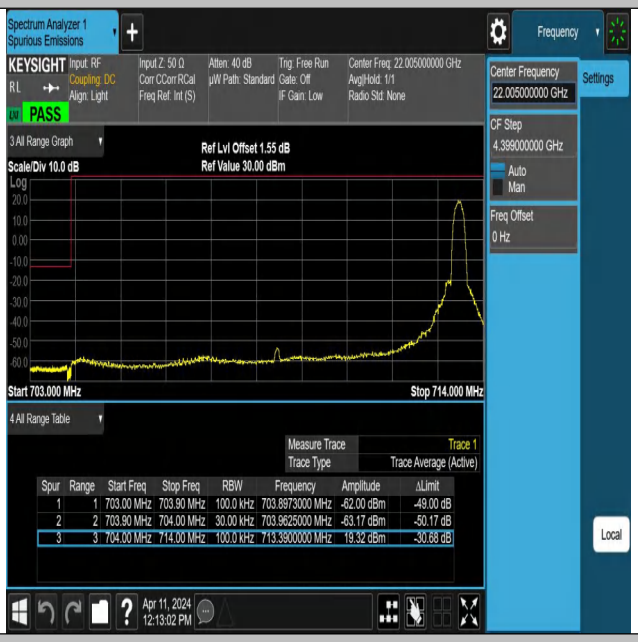
Band17_5MHz_QPSK_23825_1RB#24



Band17_5MHz_QPSK_23825_25RB#0

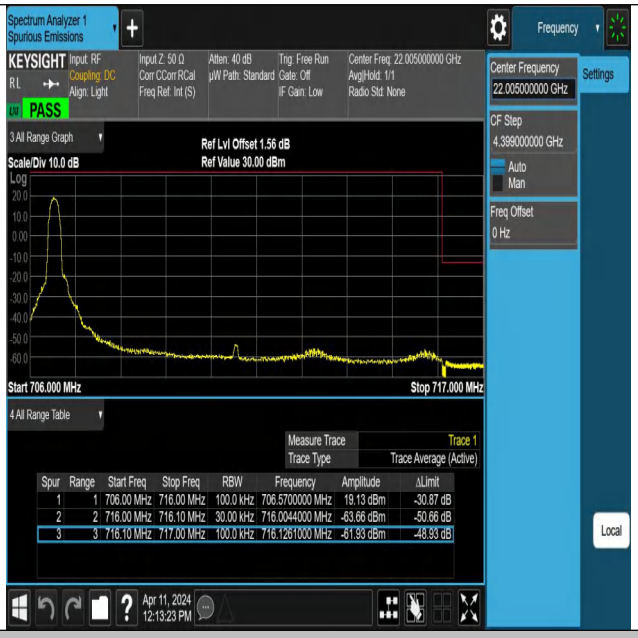


Band17_10MHz_QPSK_23780_1RB#0

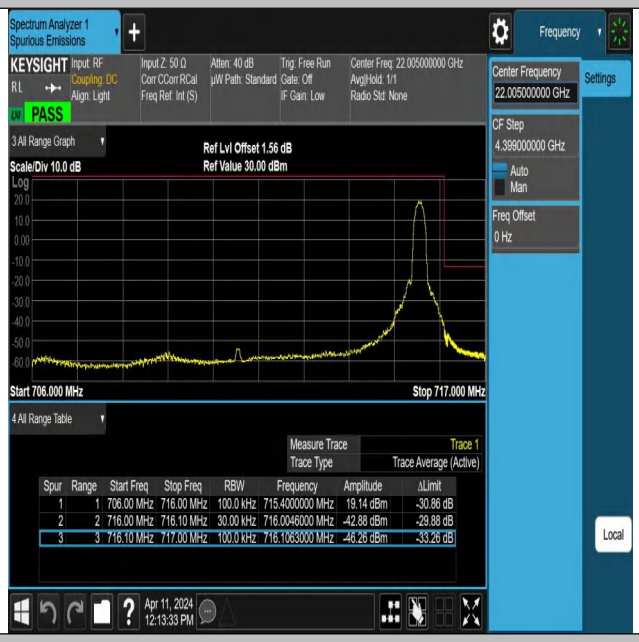


Band17_10MHz_QPSK_23780_1RB#49

Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23800_1RB#0



Band17_10MHz_QPSK_23800_1RB#49

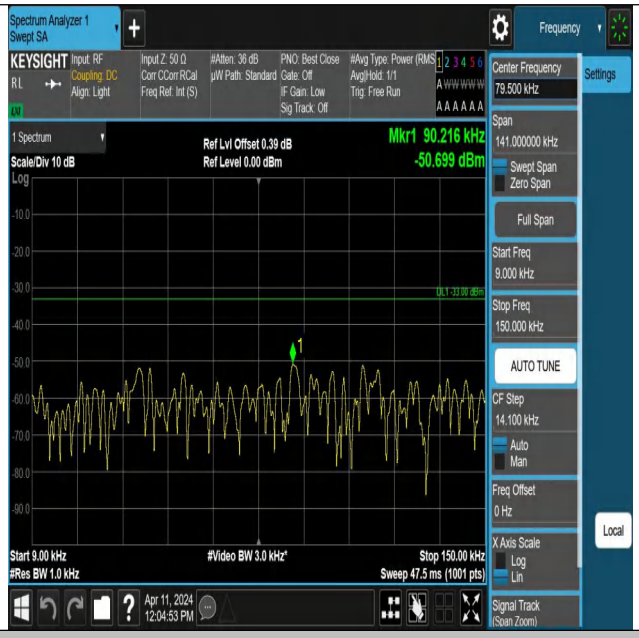
Band17_10MHz_QPSK_23800_50RB#0

Conducted Spurious Emission

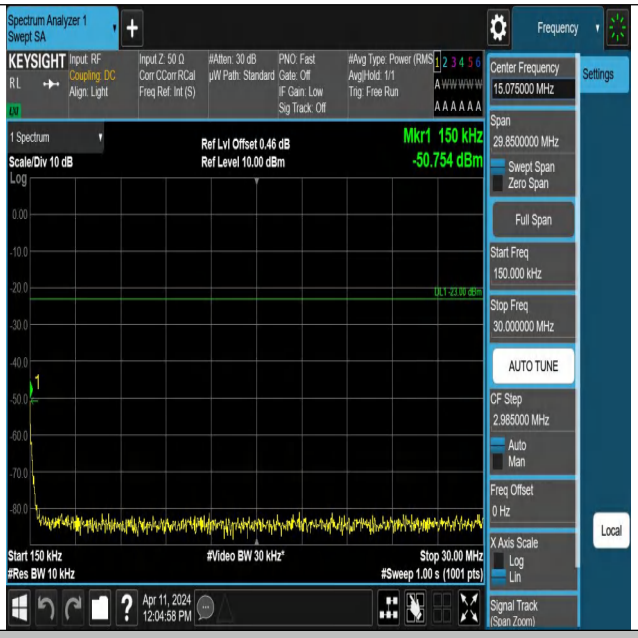
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Limit	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-50.70	-33.0	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-50.75	-23.0	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-63.65	-13.0	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-41.44	-13.0	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-49.87	-13.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-50.50	-33.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-51.71	-23.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-63.20	-13.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-41.47	-13.0	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-49.83	-13.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-51.11	-33.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-52.29	-23.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-63.60	-13.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-41.13	-13.0	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-49.84	-13.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-51.78	-33.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-52.66	-23.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-63.40	-13.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-41.56	-13.0	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-49.99	-13.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-51.37	-33.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-52.55	-23.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-63.82	-13.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-41.22	-13.0	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-49.78	-13.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-52.41	-33.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-51.22	-23.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-63.71	-13.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-40.71	-13.0	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-49.96	-13.0	PASS

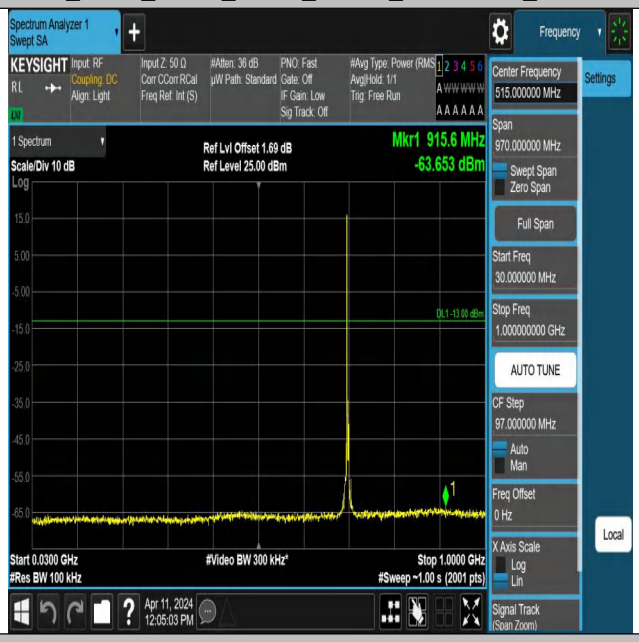
Test Graphs



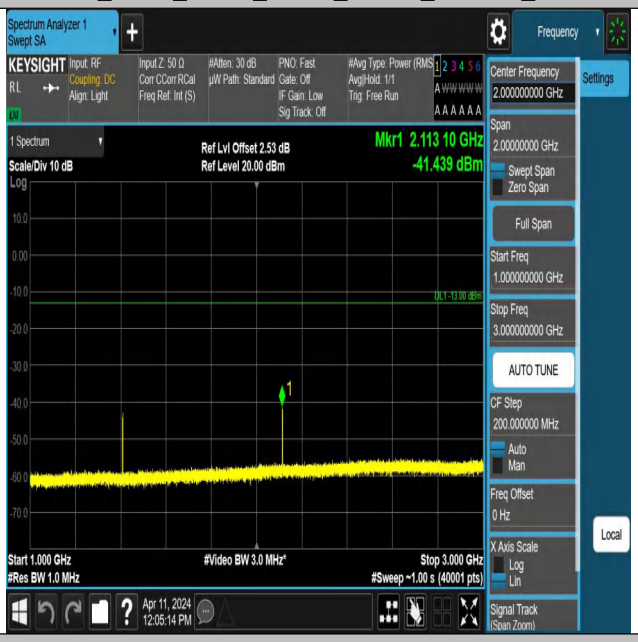
Band17_5MHz_QPSK_23755_1RB#0_0.009~0.15_0.009~0.15



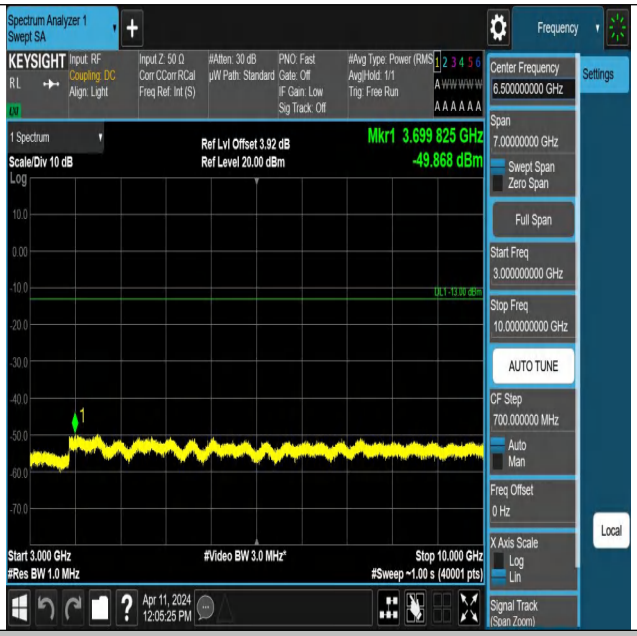
Band17_5MHz_QPSK_23755_1RB#0_0.15~30_0.15~30



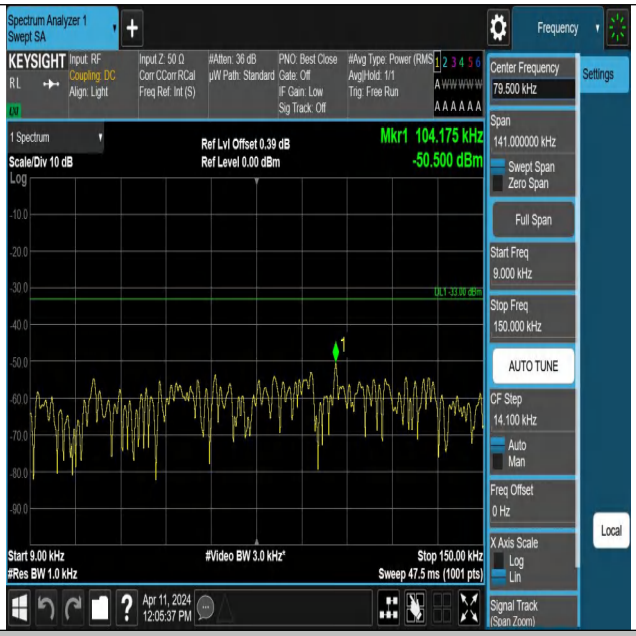
Band17_5MHz_QPSK_23755_1RB#0_30~1000_30~1000



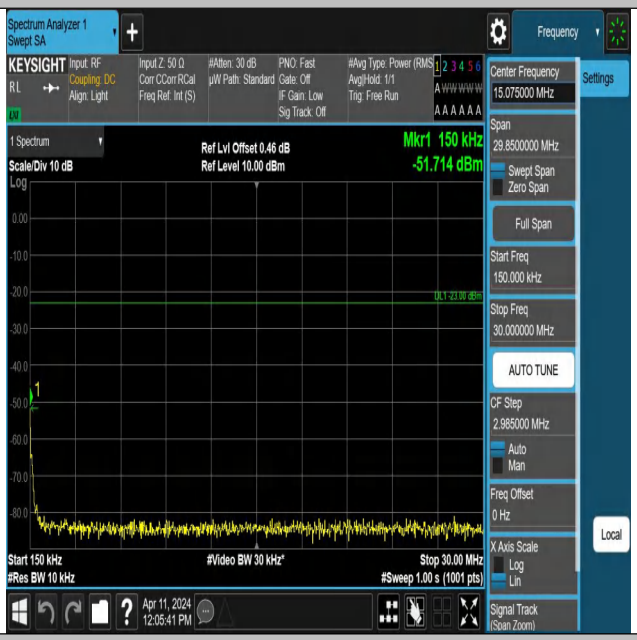
Band17_5MHz_QPSK_23755_1RB#0_1000~3000_1000~3000



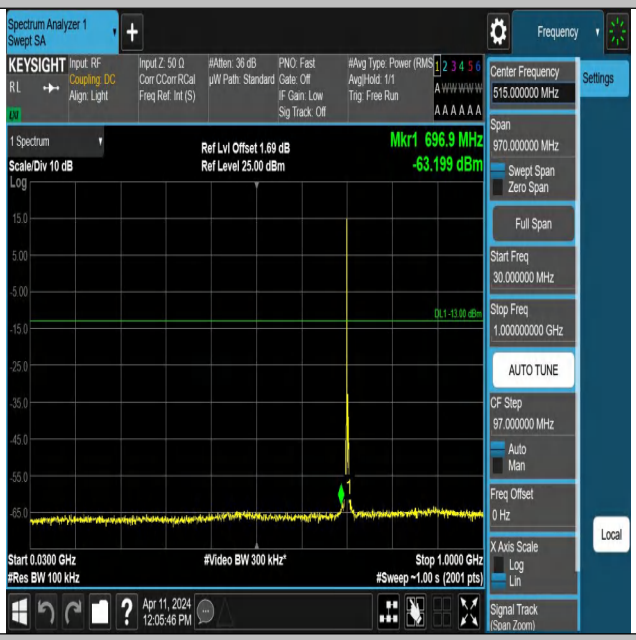
Band17_5MHz_QPSK_23755_1RB#0_3000~10000_3000~10000



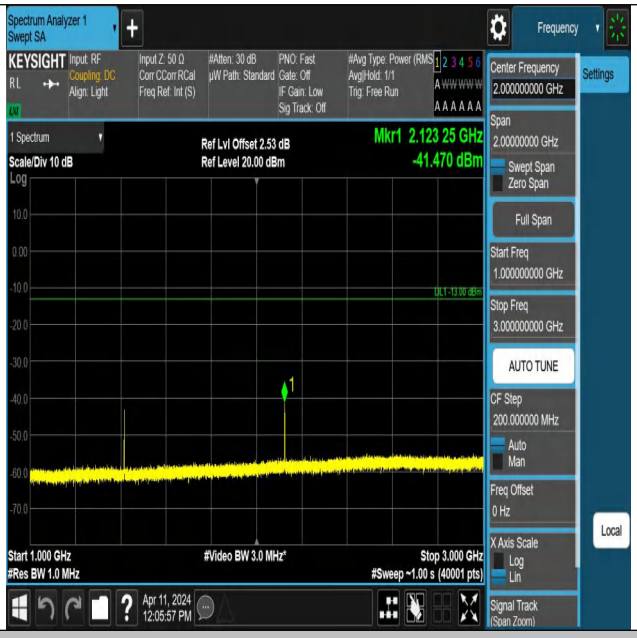
Band17_5MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15



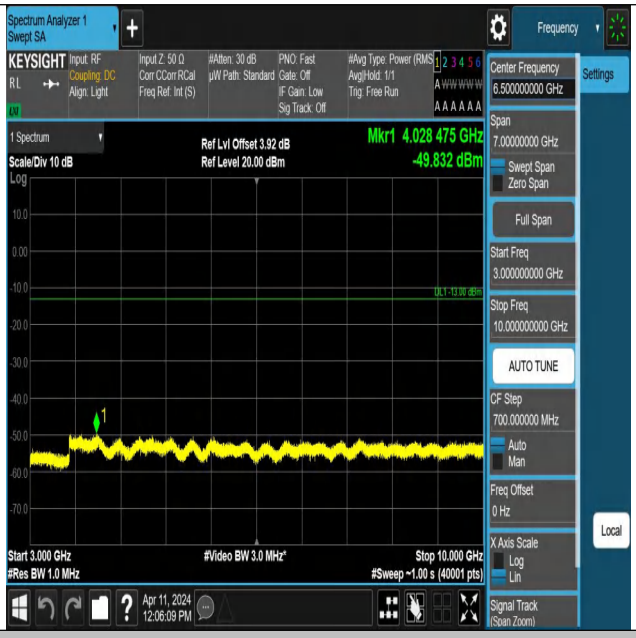
Band17_5MHz_QPSK_23790_1RB#0_0.15~30_0.15~30



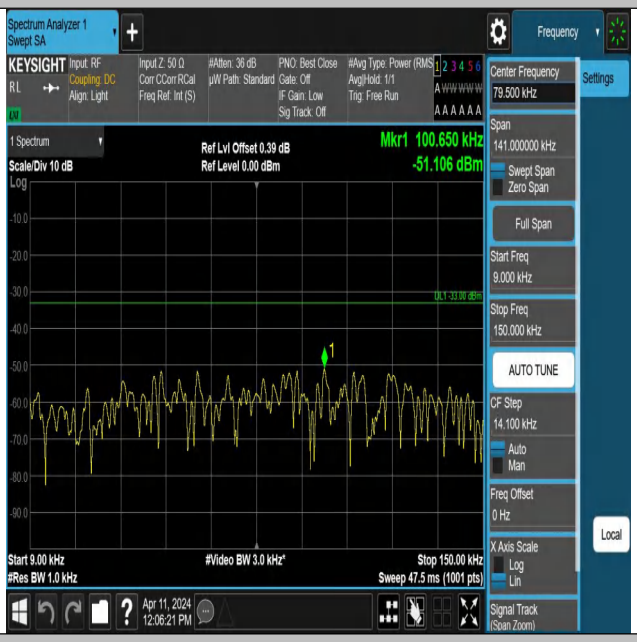
Band17_5MHz_QPSK_23790_1RB#0_30~1000_30~1000



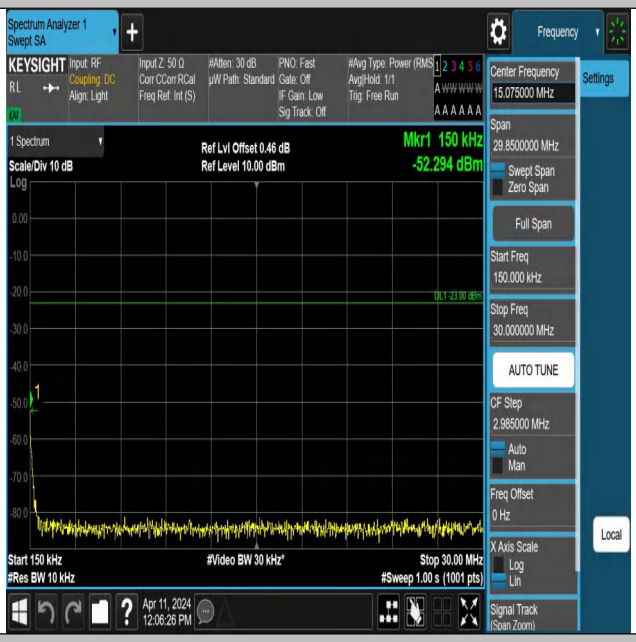
Band17_5MHz_QPSK_23790_1RB#0_1000~3000_1000~3000



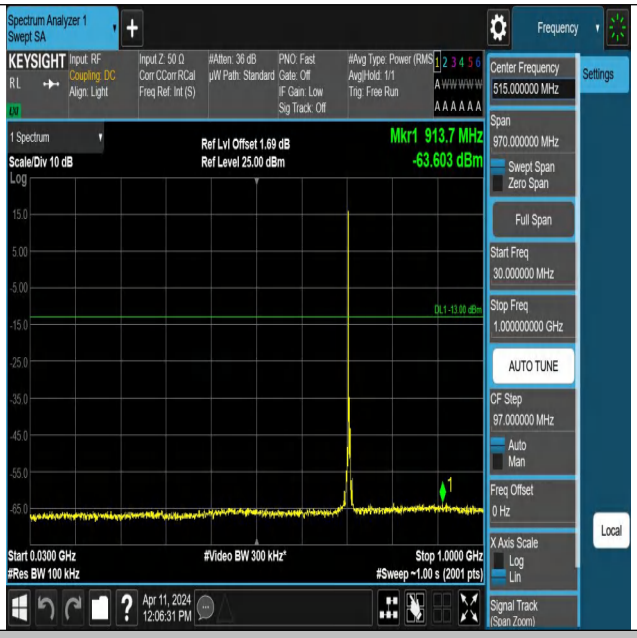
Band17_5MHz_QPSK_23790_1RB#0_3000~10000_3000~10000



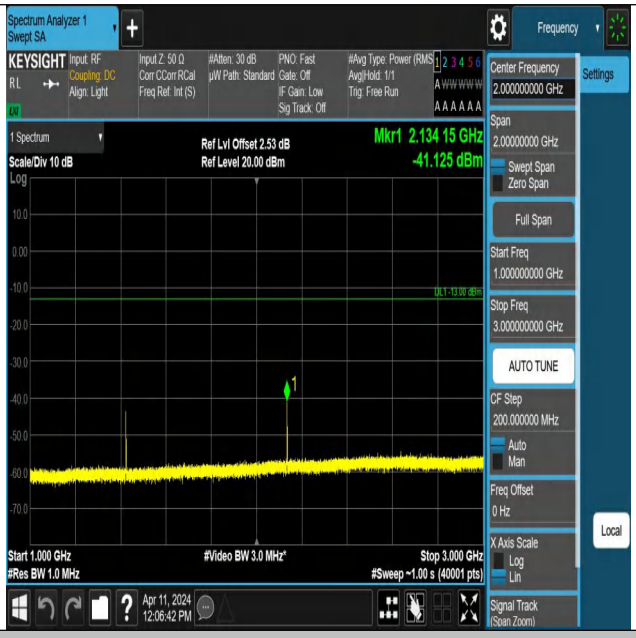
Band17_5MHz_QPSK_23825_1RB#0_0.009~0.15_0.009~0.15



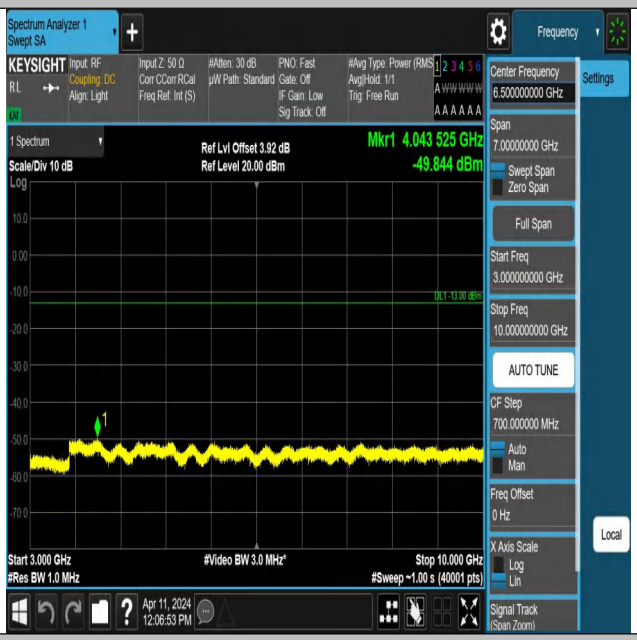
Band17_5MHz_QPSK_23825_1RB#0_0.15~30_0.15~30



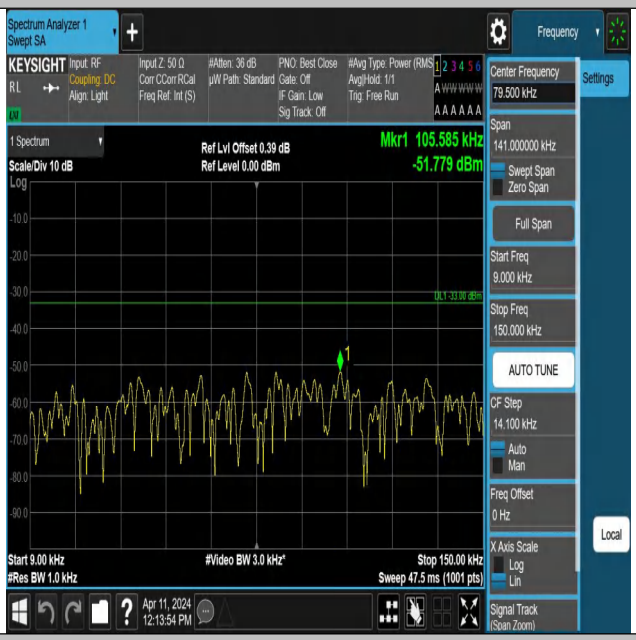
Band17_5MHz_QPSK_23825_1RB#0_30~1000_30~1000



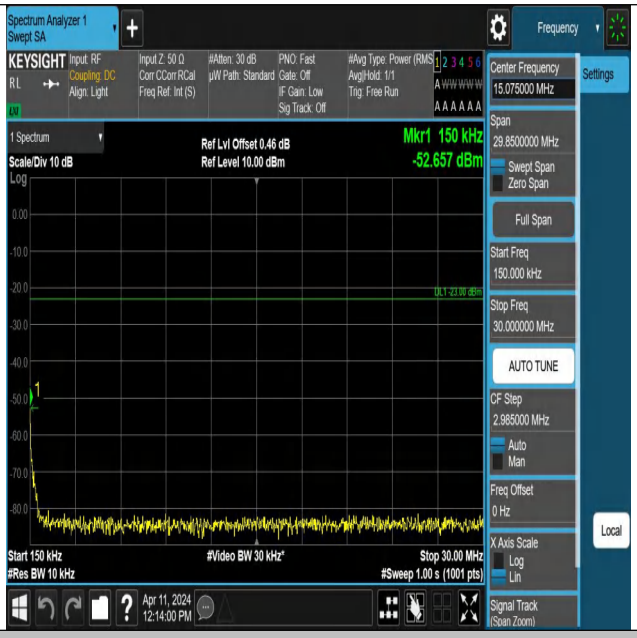
Band17_5MHz_QPSK_23825_1RB#0_1000~3000_1000~3000



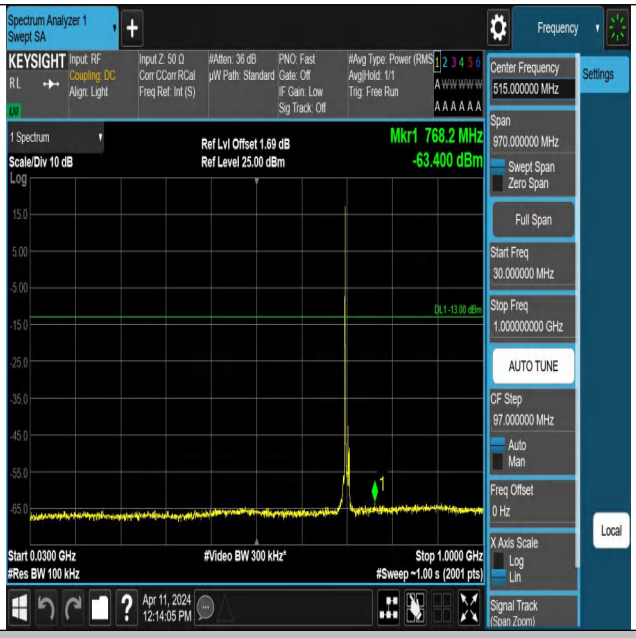
Band17_5MHz_QPSK_23825_1RB#0_3000~10000_3000~10000



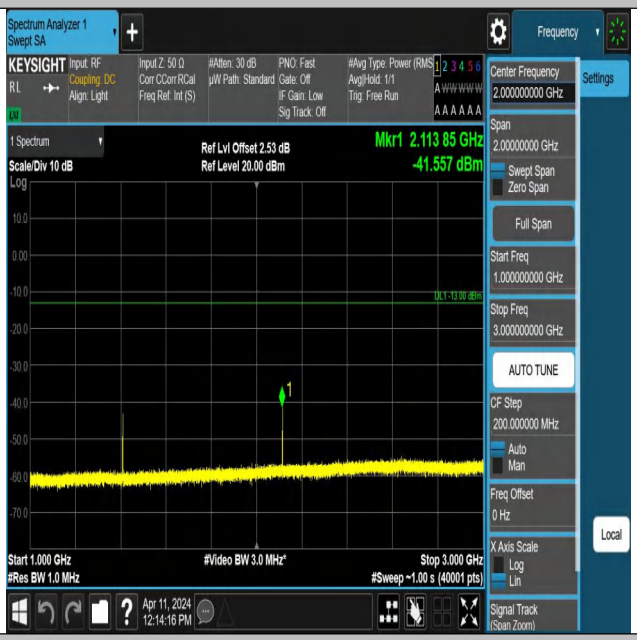
Band17_10MHz_QPSK_23780_1RB#0_0.009~0.15_0.009~0.15



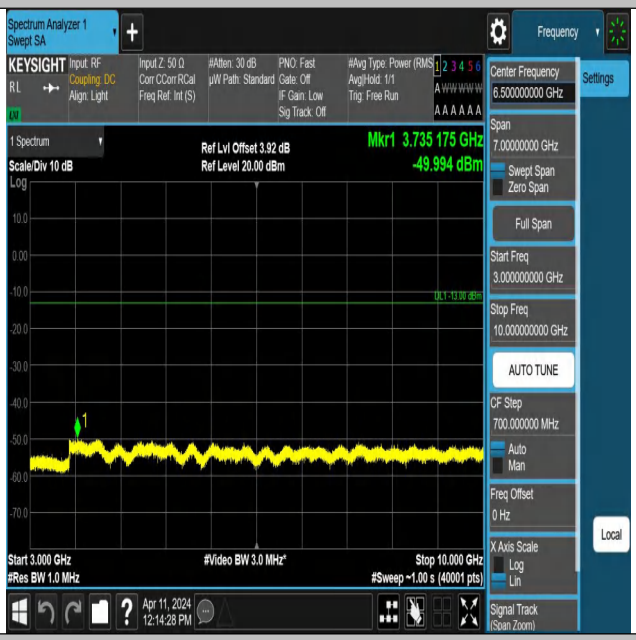
Band17_10MHz_QPSK_23780_1RB#0_0.15~30_0.15~30



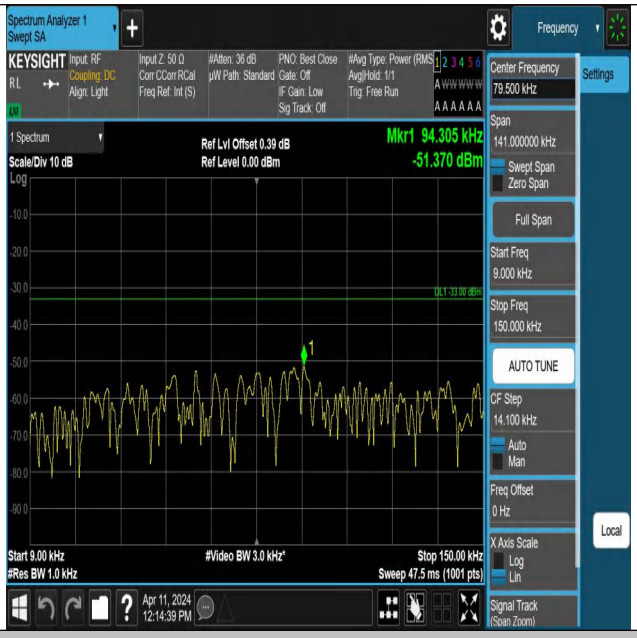
Band17_10MHz_QPSK_23780_1RB#0_30~1000_30~1000



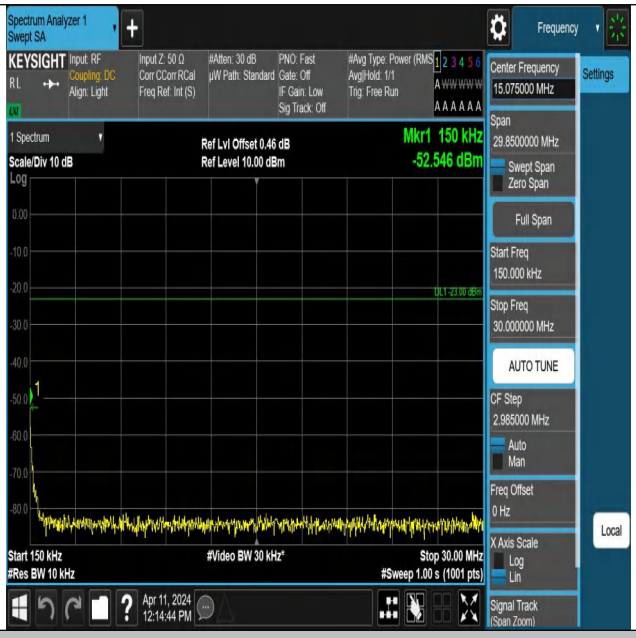
Band17_10MHz_QPSK_23780_1RB#0_1000~3000_1000~3000



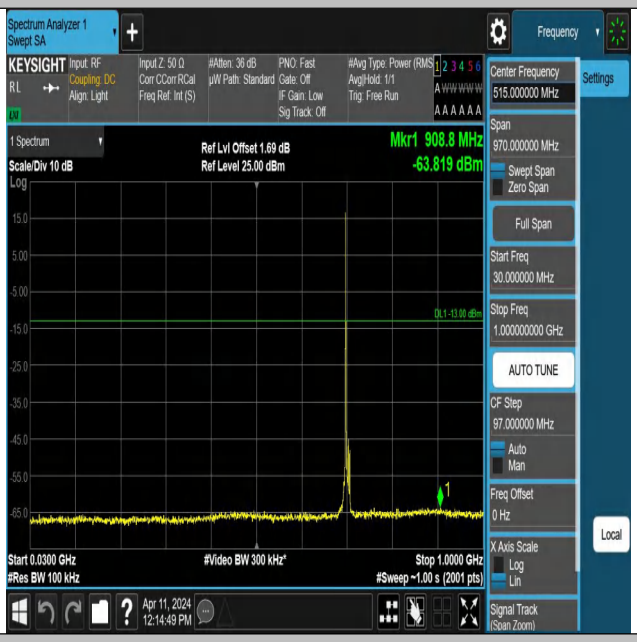
Band17_10MHz_QPSK_23780_1RB#0_3000~10000_3000~10000



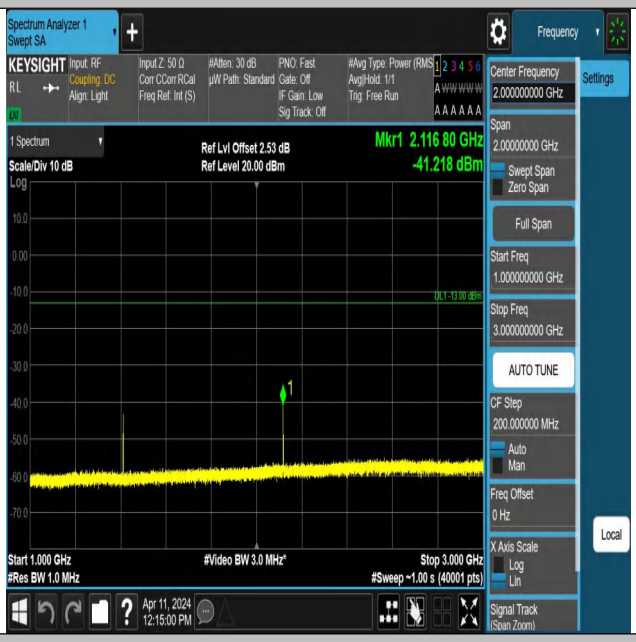
Band17_10MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15



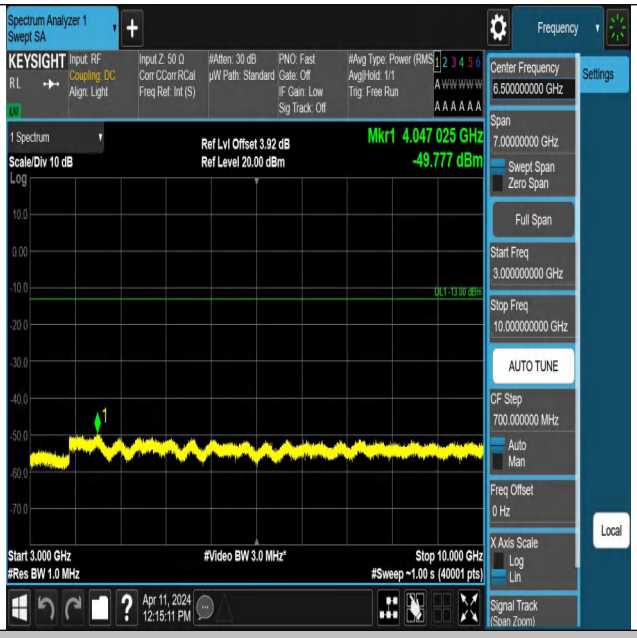
Band17_10MHz_QPSK_23790_1RB#0_0.15~30_0.15~30



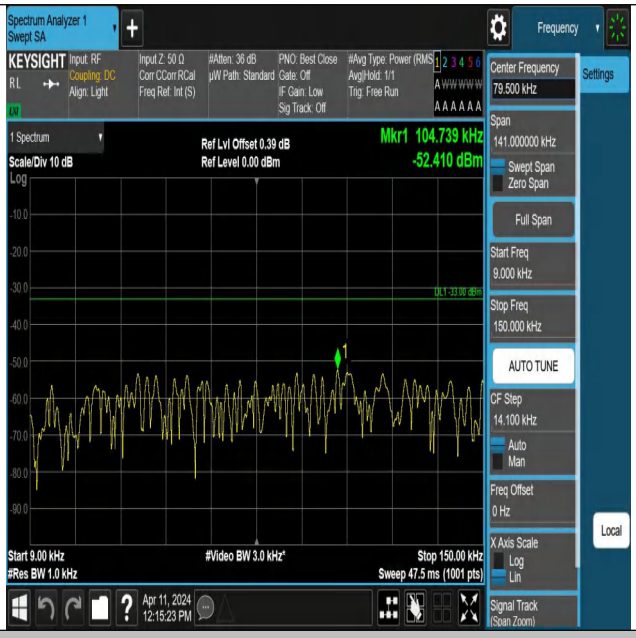
Band17_10MHz_QPSK_23790_1RB#0_30~1000_30~1000



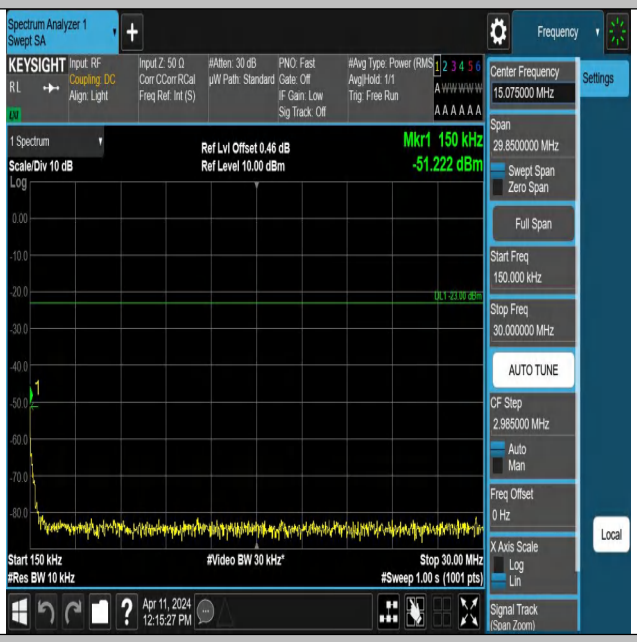
Band17_10MHz_QPSK_23790_1RB#0_1000~3000_1000~3000



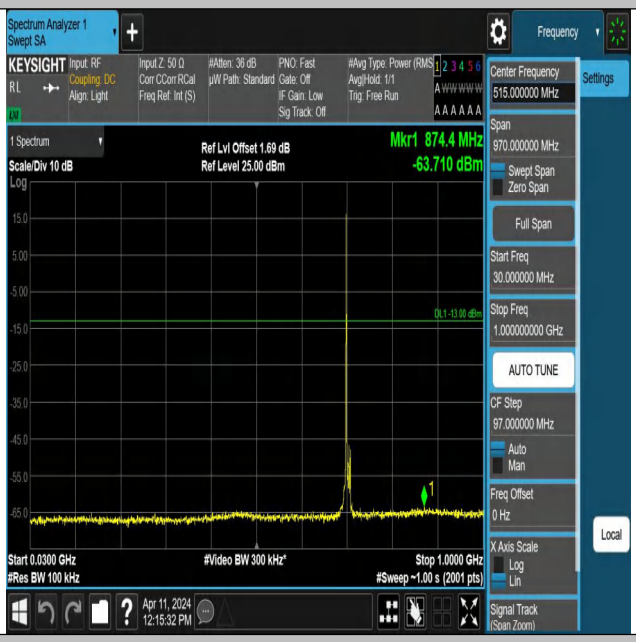
Band17_10MHz_QPSK_23790_1RB#0_3000~10000_3000~10000



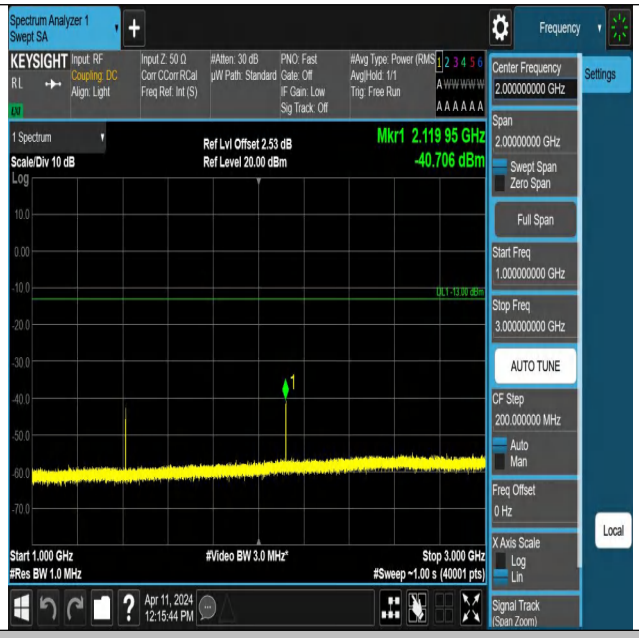
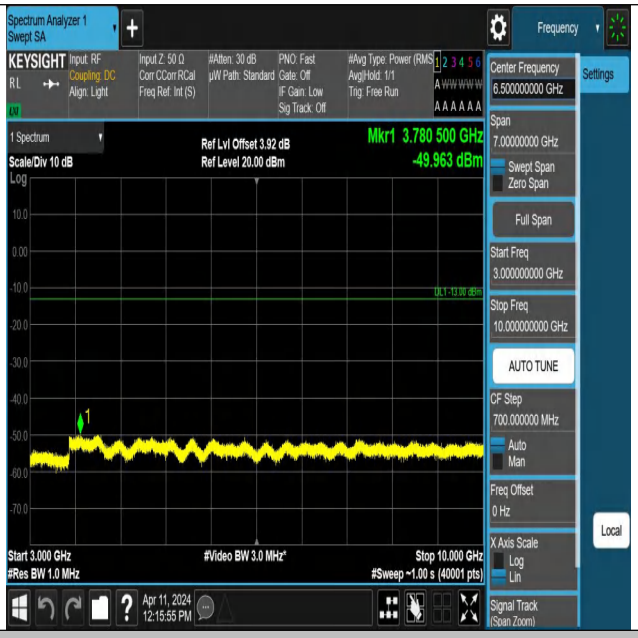
Band17_10MHz_QPSK_23800_1RB#0_0.009~0.15_0.009~0.15



Band17_10MHz_QPSK_23800_1RB#0_0.15~30_0.15~30



Band17_10MHz_QPSK_23800_1RB#0_30~1000_30~1000

	
Band17_10MHz_QPSK_23800_1RB#0_1000~3000_1000~3000	Band17_10MHz_QPSK_23800_1RB#0_3000~10000_3000~10000

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-7.27	-0.010239	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-7.21	-0.010155	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-5.19	-0.007310	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	4.95	0.006972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-6.82	-0.009606	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-3.29	-0.004634	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-8.34	-0.011746	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-3.24	-0.004563	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-8.90	-0.012535	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-2.77	-0.003901	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-7.16	-0.010085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.69	0.002380	±2.5	PASS