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
Band41	5MHz	QPSK	39675	1RB#0	22.99	1.4	24.39	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.08	1.4	23.48	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.04	1.4	24.44	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.05	1.4	24.45	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.77	1.4	24.17	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.21	1.4	23.61	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.08	1.4	24.48	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.01	1.4	24.41	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.16	1.4	24.56	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.25	1.4	23.65	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.19	1.4	24.59	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.19	1.4	24.59	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.40	1.4	23.8	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.00	1.4	22.4	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.78	1.4	24.18	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.48	1.4	23.88	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.03	1.4	23.43	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.19	1.4	22.59	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.64	1.4	24.04	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.57	1.4	23.97	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.61	1.4	24.01	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.03	1.4	22.43	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.65	1.4	24.05	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.77	1.4	24.17	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.90	1.4	24.3	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.14	1.4	23.54	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.00	1.4	24.4	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.13	1.4	24.53	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.23	1.4	24.63	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.31	1.4	23.71	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.32	1.4	24.72	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.19	1.4	24.59	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.31	1.4	24.71	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.28	1.4	23.68	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.36	1.4	24.76	33	PASS

Band41	10MHz	QPSK	41540	1RB#49	23.20	1.4	24.6	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.08	1.4	23.48	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.31	1.4	22.71	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.20	1.4	23.6	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.55	1.4	23.95	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.59	1.4	23.99	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.04	1.4	22.44	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.80	1.4	24.2	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.02	1.4	23.42	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.24	1.4	23.64	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.14	1.4	22.54	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.54	1.4	23.94	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.73	1.4	24.13	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.98	1.4	24.38	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.12	1.4	23.52	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.90	1.4	24.3	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.07	1.4	24.47	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.14	1.4	24.54	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.34	1.4	23.74	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.14	1.4	24.54	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.20	1.4	24.6	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.26	1.4	24.66	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.24	1.4	23.64	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.24	1.4	24.64	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.32	1.4	24.72	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.27	1.4	23.67	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.20	1.4	22.6	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.09	1.4	23.49	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.17	1.4	23.57	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.11	1.4	23.51	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.31	1.4	22.71	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.10	1.4	23.5	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.17	1.4	23.57	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.69	1.4	24.09	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.24	1.4	22.64	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.23	1.4	23.63	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.28	1.4	23.68	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.74	1.4	24.14	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.07	1.4	23.47	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.17	1.4	24.57	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.96	1.4	24.36	33	PASS

Band41	20MHz	QPSK	40620	1RB#0	23.19	1.4	24.59	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.18	1.4	23.58	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.36	1.4	24.76	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.25	1.4	24.65	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.97	1.4	24.37	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.23	1.4	23.63	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.05	1.4	24.45	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.06	1.4	24.46	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.38	1.4	23.78	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.04	1.4	22.44	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.01	1.4	24.41	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.70	1.4	24.1	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.29	1.4	23.69	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.05	1.4	22.45	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.33	1.4	23.73	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.01	1.4	23.41	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.95	1.4	23.35	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.12	1.4	22.52	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.16	1.4	23.56	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.83	1.4	23.23	33	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	5.92	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.45	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.88	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.70	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	6.12	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.71	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.68	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.59	13	PASS

Test Graphs

Band41-5MHz-QPSK-40620-25RB#0-PASS

Band41-5MHz-16QAM-40620-25RB#0-PASS

Band41-10MHz-QPSK-40620-50RB#0-PASS

Band41-10MHz-16QAM-40620-50RB#0-PASS

Band41-15MHz-QPSK-40620-75RB#0-PASS

Band41-15MHz-16QAM-40620-75RB#0-PASS

Band41-20MHz-QPSK-40620-100RB#0-PASS

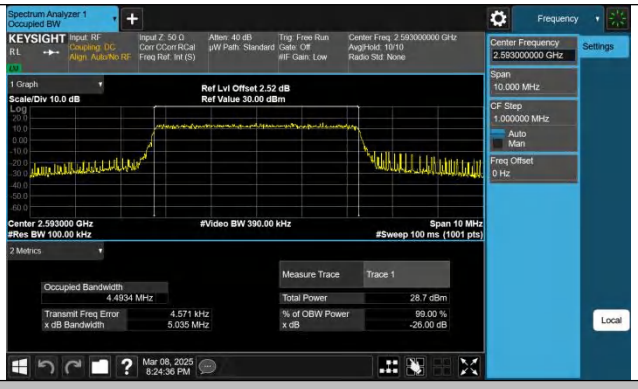
Band41-20MHz-16QAM-40620-100RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

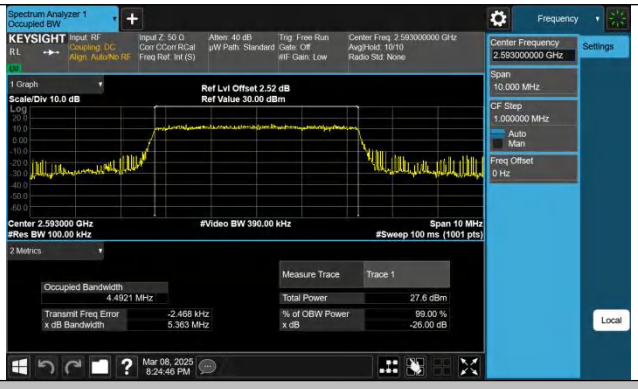
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	4.4934	5.035	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4921	5.363	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9811	10.40	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9399	9.757	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.451	18.19	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.453	15.64	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.944	20.16	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.918	19.48	PASS

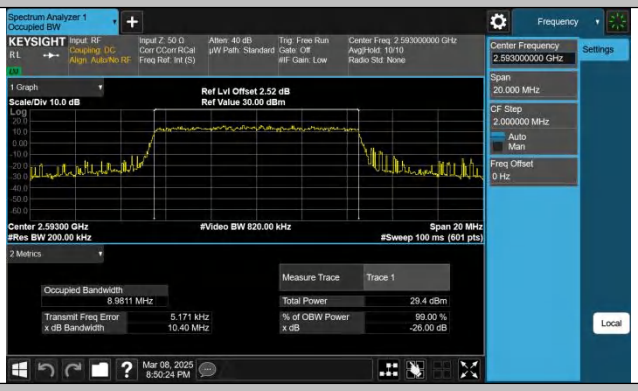
Test Graphs



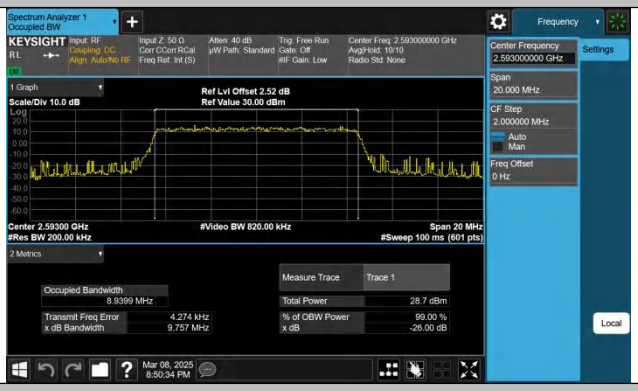
Band41-5MHz-QPSK-40620-25RB#0-PASS



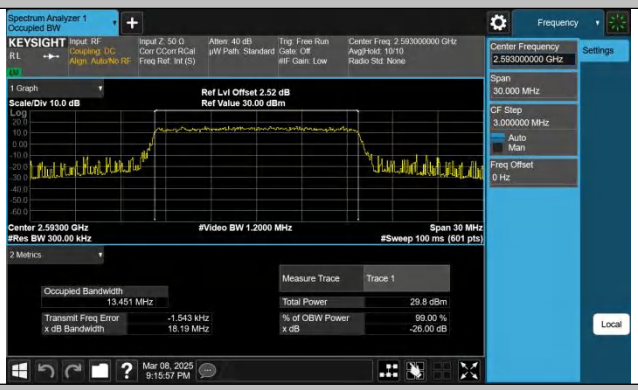
Band41-5MHz-16QAM-40620-25RB#0-PASS



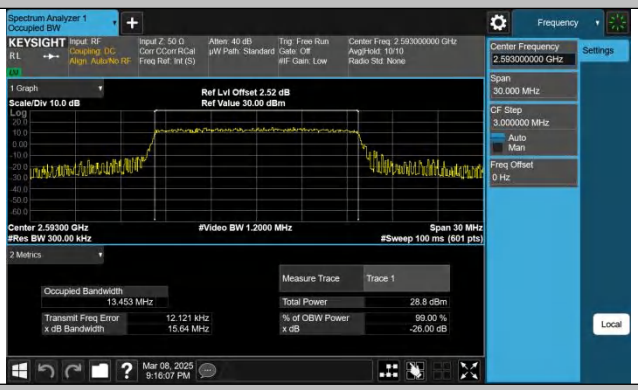
Band41-10MHz-QPSK-40620-50RB#0-PASS



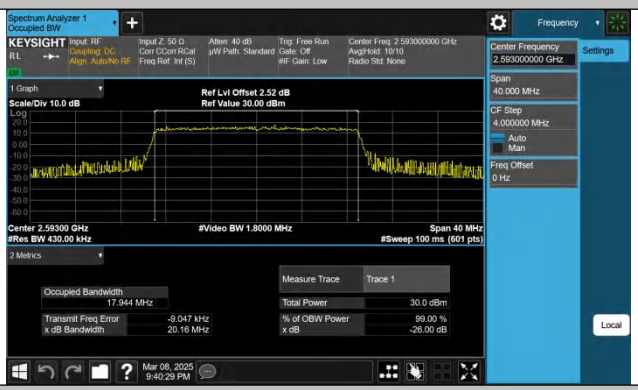
Band41-10MHz-16QAM-40620-50RB#0-PASS



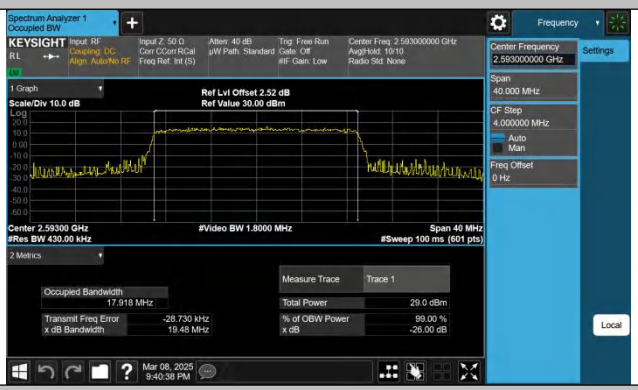
Band41-15MHz-QPSK-40620-75RB#0-PASS



Band41-15MHz-16QAM-40620-75RB#0-PASS



Band41-20MHz-QPSK-40620-100RB#0-PASS



Band41-20MHz-16QAM-40620-100RB#0-PASS

Band Edge

Test Graphs

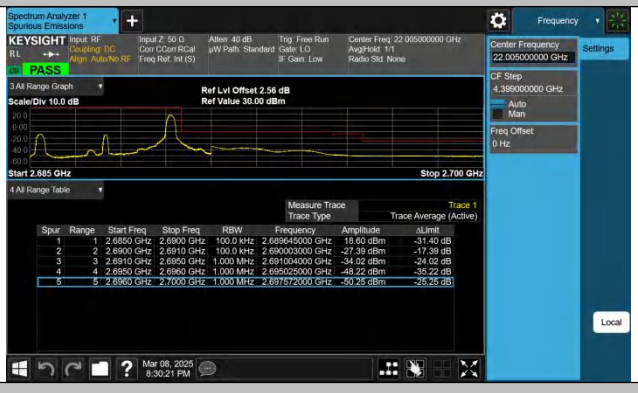
Band41-5MHz-QPSK-39675-1RB#0-PASS

Band41-5MHz-QPSK-39675-25RB#0-PASS

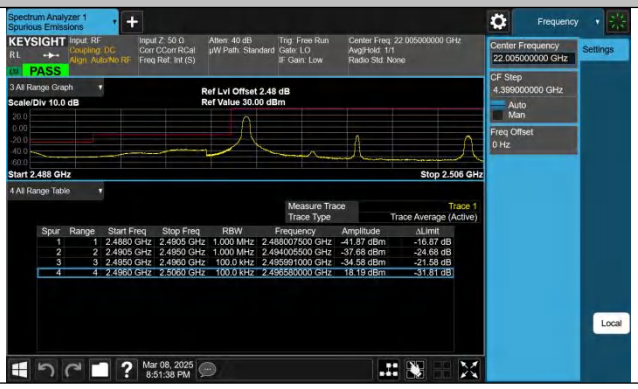
Band41-5MHz-QPSK-39675-1RB#24-PASS

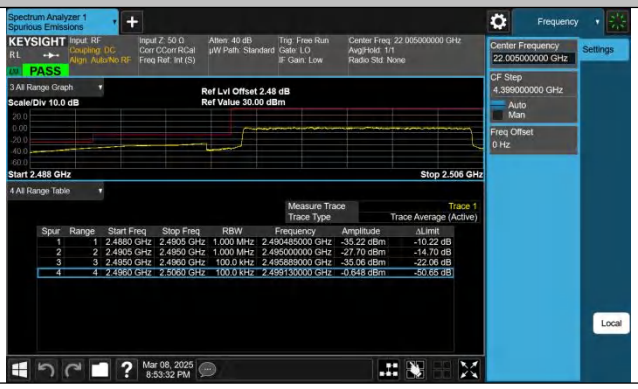
Band41-5MHz-QPSK-41565-1RB#0-PASS

Band41-5MHz-QPSK-41565-25RB#0-PASS



Band41-5MHz-QPSK-41565-1RB#24-PASS





Band41-10MHz-QPSK-39700-1RB#0-PASS

Band41-10MHz-QPSK-39700-50RB#0-PASS

Band41-10MHz-QPSK-39700-1RB#49-PASS

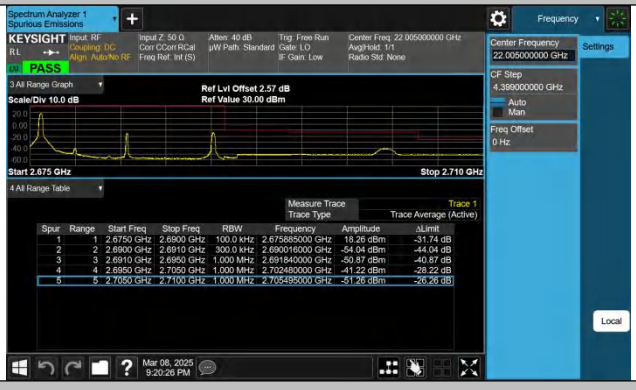
Band41-10MHz-QPSK-41540-1RB#0-PASS

Band41-10MHz-QPSK-41540-50RB#0-PASS

Band41-10MHz-QPSK-41540-1RB#49-PASS

Band41-15MHz-QPSK-39725-1RB#0-PASS

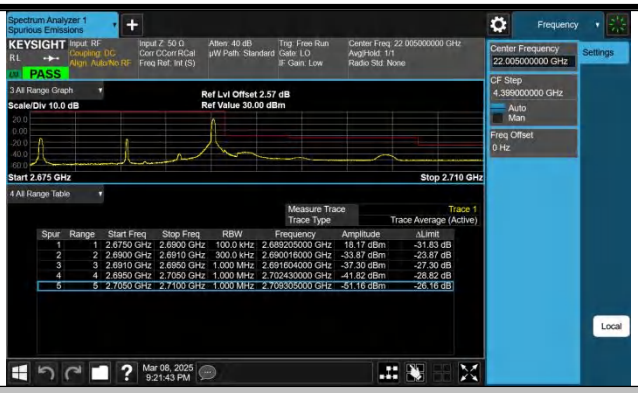
Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-39725-1RB#74-PASS

Band41-15MHz-QPSK-41515-1RB#0-PASS

Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-15MHz-QPSK-41515-1RB#74-PASS

Band41-20MHz-QPSK-39750-1RB#0-PASS

Band41-20MHz-QPSK-39750-100RB#0-PASS

Band41-20MHz-QPSK-39750-1RB#99-PASS

Band41-20MHz-QPSK-41490-1RB#0-PASS

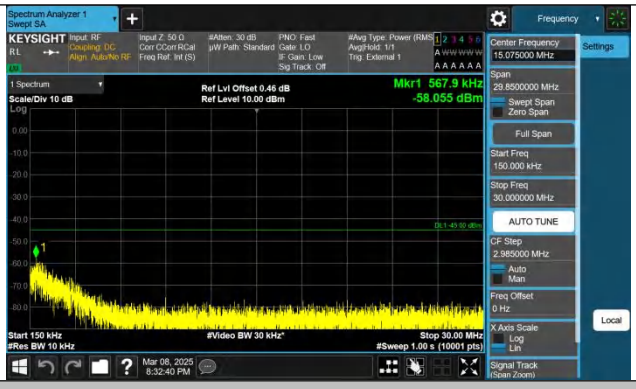
Band41-20MHz-QPSK-41490-100RB#0-PASS

Band41-20MHz-QPSK-41490-1RB#99-PASS

Conducted Spurious Emission

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0-0.009~0.15-PASS



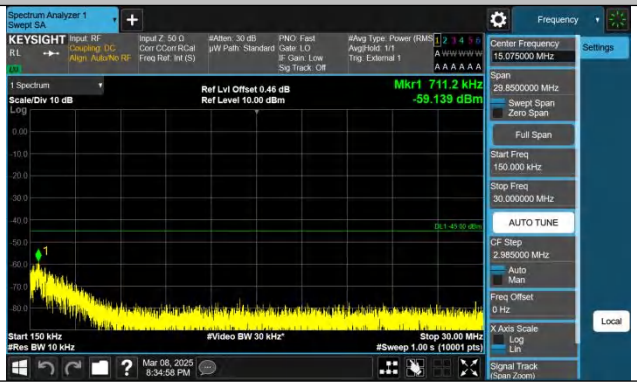
Band41-5MHz-QPSK-39675-1RB#0-0.15~30-PASS

Band41-5MHz-QPSK-39675-1RB#0-30~1000-PASS

Band41-5MHz-QPSK-39675-1RB#0-1000~20000-PASS

Band41-5MHz-QPSK-39675-1RB#0-20000~27000-PASS

Band41-5MHz-QPSK-39675-1RB#24-0.009~0.15-PASS

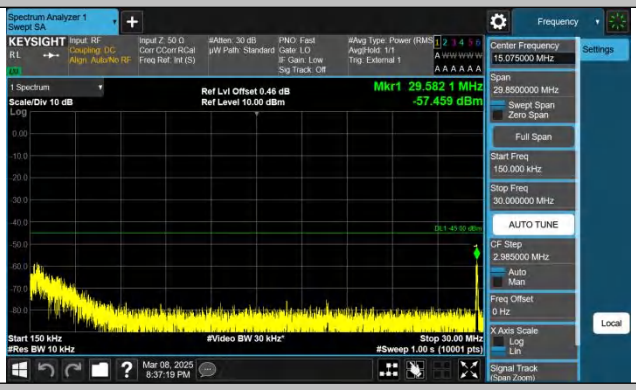


Band41-5MHz-QPSK-39675-1RB#24-0.15~30-PASS

Band41-5MHz-QPSK-39675-1RB#24-30~1000-PASS

Band41-5MHz-QPSK-39675-1RB#24-1000~20000-PASS

Band41-5MHz-QPSK-39675-1RB#24-20000~27000-PASS



Band41-5MHz-QPSK-40620-1RB#0-0.009~0.15-PASS

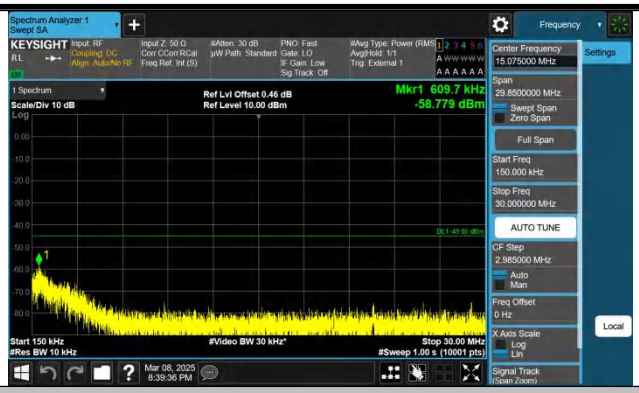
Band41-5MHz-QPSK-40620-1RB#0-0.15~30-PASS

Band41-5MHz-QPSK-40620-1RB#0-30~1000-PASS

Band41-5MHz-QPSK-40620-1RB#0-1000~20000-PASS

Band41-5MHz-QPSK-40620-1RB#0-20000~27000-PASS

Band41-5MHz-QPSK-40620-1RB#24-0.009~0.15-PASS



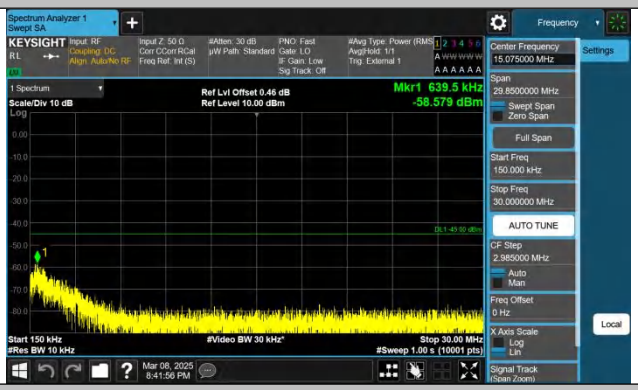
Band41-5MHz-QPSK-40620-1RB#24-0.15~30-PASS

Band41-5MHz-QPSK-40620-1RB#24-30~1000-PASS

Band41-5MHz-QPSK-40620-1RB#24-1000~20000-PASS

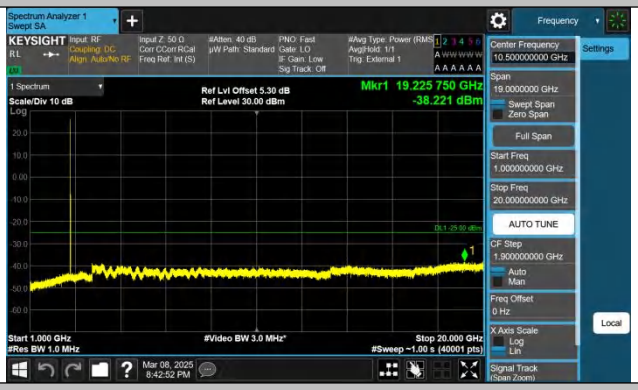
Band41-5MHz-QPSK-40620-1RB#24-20000~27000-PASS

Band41-5MHz-QPSK-41565-1RB#0-0.009~0.15-PASS



Band41-5MHz-QPSK-41565-1RB#0-0.15~30-PASS

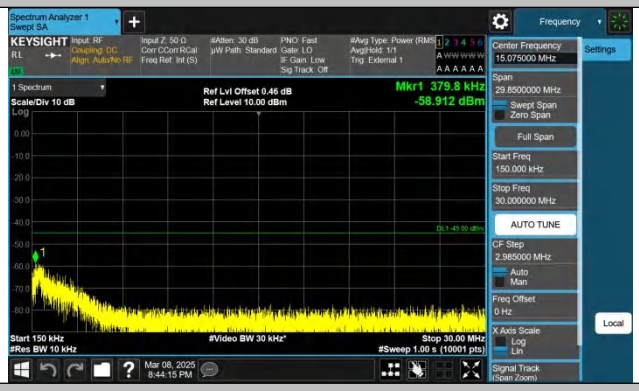
Band41-5MHz-QPSK-41565-1RB#0-30~1000-PASS



Band41-5MHz-QPSK-41565-1RB#0-1000~20000-PASS

Band41-5MHz-QPSK-41565-1RB#0-20000~27000-PASS

Band41-5MHz-QPSK-41565-1RB#24-0.009~0.15-PASS



Band41-5MHz-QPSK-41565-1RB#24-0.15~30-PASS

Band41-5MHz-QPSK-41565-1RB#24-30~1000-PASS

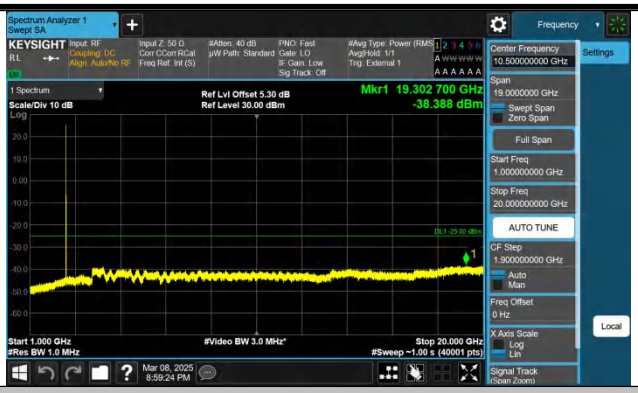
Band41-5MHz-QPSK-41565-1RB#24-1000~20000-PASS

Band41-5MHz-QPSK-41565-1RB#24-20000~27000-PASS

Band41-10MHz-QPSK-39700-1RB#0-0.009~0.15-PASS

Band41-10MHz-QPSK-39700-1RB#0-0.15~30-PASS

Band41-10MHz-QPSK-39700-1RB#0-30~1000-PASS



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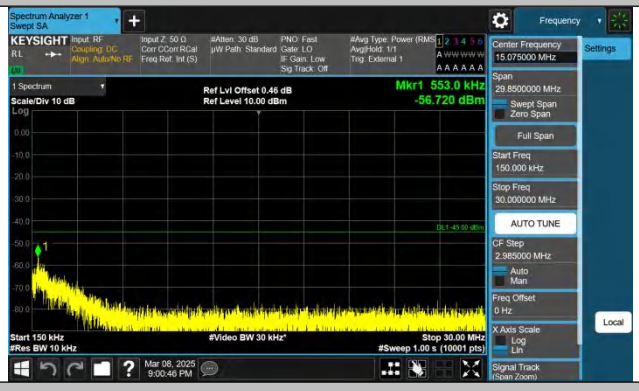
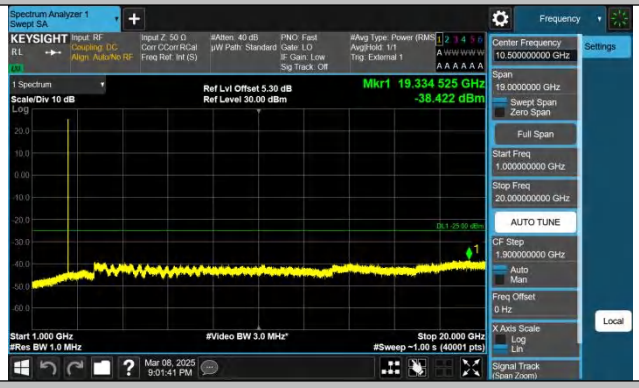
Band41-10MHz-QPSK-39700-1RB#0-20000~27000-PASS

Band41-10MHz-QPSK-39700-1RB#49-0.009~0.15-PASS



Band41-10MHz-QPSK-39700-1RB#49-0.15~30-PASS

Band41-10MHz-QPSK-39700-1RB#49-30~1000-PASS



Band41-10MHz-QPSK-39700-1RB#49-1000~20000-PASS

Band41-10MHz-QPSK-39700-1RB#49-20000~27000-PASS