

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
Band71	5MHz	QPSK	133147	1RB#0	23.41	1.66	22.92	34.8	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.56	1.66	23.07	34.8	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.34	1.66	22.85	34.8	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.29	1.66	21.8	34.8	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.13	1.66	22.64	34.8	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.69	1.66	23.2	34.8	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.31	1.66	22.82	34.8	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.25	1.66	21.76	34.8	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.09	1.66	22.6	34.8	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.27	1.66	22.78	34.8	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.42	1.66	22.93	34.8	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.25	1.66	21.76	34.8	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.41	1.66	21.92	34.8	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.27	1.66	21.78	34.8	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.16	1.66	21.67	34.8	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.57	1.66	21.08	34.8	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.24	1.66	21.75	34.8	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.64	1.66	22.15	34.8	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.13	1.66	21.64	34.8	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.2	1.66	20.71	34.8	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.8	1.66	21.31	34.8	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.85	1.66	21.36	34.8	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.15	1.66	21.66	34.8	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.3	1.66	20.81	34.8	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.23	1.66	22.74	34.8	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.43	1.66	22.94	34.8	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.54	1.66	23.05	34.8	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.4	1.66	21.91	34.8	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.32	1.66	22.83	34.8	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.36	1.66	22.87	34.8	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.38	1.66	22.89	34.8	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.3	1.66	21.81	34.8	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.11	1.66	22.62	34.8	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.39	1.66	22.9	34.8	PASS

Band71	10MHz	QPSK	133422	1RB#49	23.48	1.66	22.99	34.8	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.25	1.66	21.76	34.8	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.21	1.66	21.72	34.8	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.12	1.66	22.63	34.8	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.47	1.66	21.98	34.8	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.3	1.66	20.81	34.8	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.44	1.66	21.95	34.8	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.12	1.66	21.63	34.8	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.34	1.66	21.85	34.8	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.28	1.66	20.79	34.8	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.93	1.66	21.44	34.8	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.75	1.66	22.26	34.8	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.44	1.66	21.95	34.8	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.21	1.66	20.72	34.8	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.2	1.66	22.71	34.8	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.48	1.66	22.99	34.8	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.08	1.66	22.59	34.8	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.25	1.66	21.76	34.8	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.11	1.66	22.62	34.8	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.15	1.66	22.66	34.8	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.08	1.66	22.59	34.8	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.19	1.66	21.7	34.8	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.86	1.66	22.37	34.8	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.09	1.66	22.6	34.8	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.38	1.66	22.89	34.8	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.17	1.66	21.68	34.8	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.24	1.66	21.75	34.8	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.76	1.66	22.27	34.8	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.24	1.66	21.75	34.8	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.36	1.66	20.87	34.8	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.68	1.66	22.19	34.8	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.13	1.66	21.64	34.8	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.3	1.66	21.81	34.8	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.08	1.66	20.59	34.8	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.76	1.66	21.27	34.8	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.62	1.66	22.13	34.8	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.27	1.66	21.78	34.8	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.01	1.66	20.52	34.8	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.23	1.66	22.74	34.8	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.31	1.66	22.82	34.8	PASS

Band71	20MHz	QPSK	133222	1RB#99	23.39	1.66	22.9	34.8	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.28	1.66	21.79	34.8	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.31	1.66	22.82	34.8	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.58	1.66	23.09	34.8	PASS
Band71	20MHz	QPSK	133322	1RB#99	23	1.66	22.51	34.8	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.17	1.66	21.68	34.8	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.16	1.66	22.67	34.8	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.97	1.66	22.48	34.8	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.16	1.66	22.67	34.8	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.14	1.66	21.65	34.8	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.76	1.66	22.27	34.8	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.2	1.66	21.71	34.8	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.71	1.66	22.22	34.8	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.26	1.66	20.77	34.8	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.15	1.66	21.66	34.8	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.39	1.66	21.9	34.8	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.82	1.66	21.33	34.8	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.27	1.66	20.78	34.8	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.12	1.66	21.63	34.8	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.51	1.66	22.02	34.8	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.03	1.66	21.54	34.8	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.1	1.66	20.61	34.8	PASS

Peak-to-Average Ratio(CCDF)

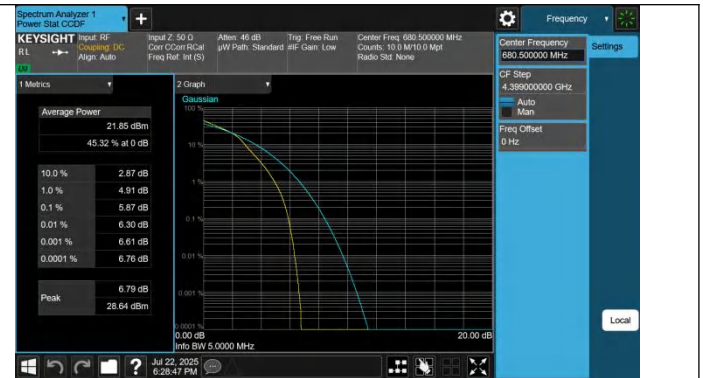
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133297	25RB#0	5.06	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	5.87	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	4.98	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.86	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.12	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	5.88	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	4.95	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.81	13	PASS

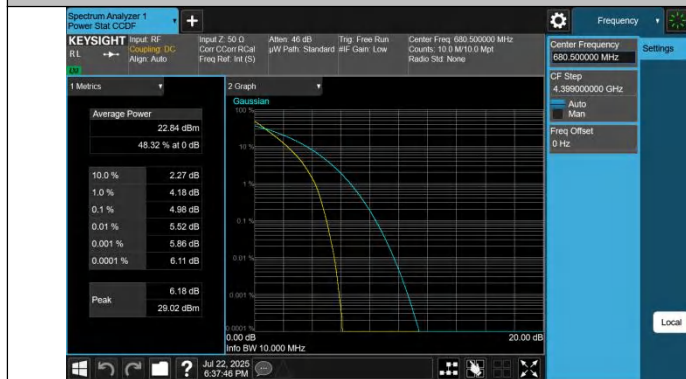
Test Graphs



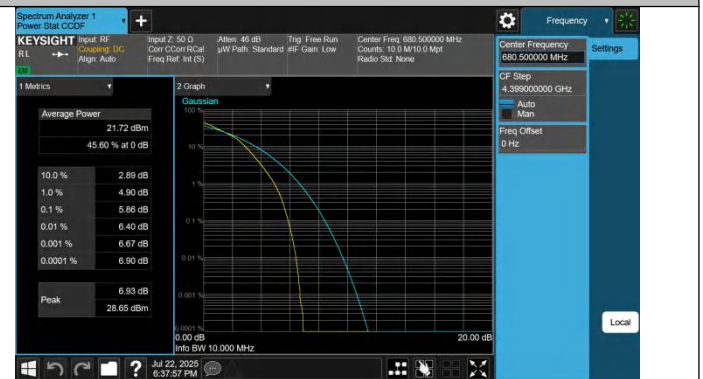
Band71-5MHz-QPSK-133297-25RB#0-PASS



Band71-5MHz-16QAM-133297-25RB#0-PASS



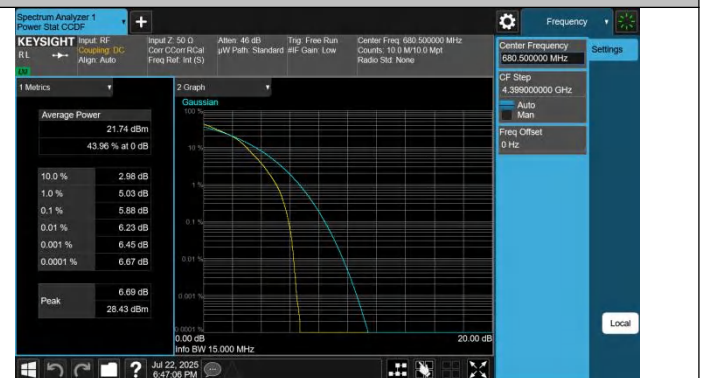
Band71-10MHz-QPSK-133297-50RB#0-PASS



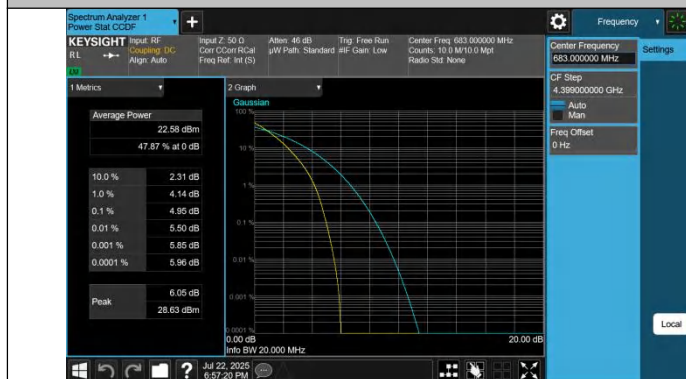
Band71-10MHz-16QAM-133297-50RB#0-PASS



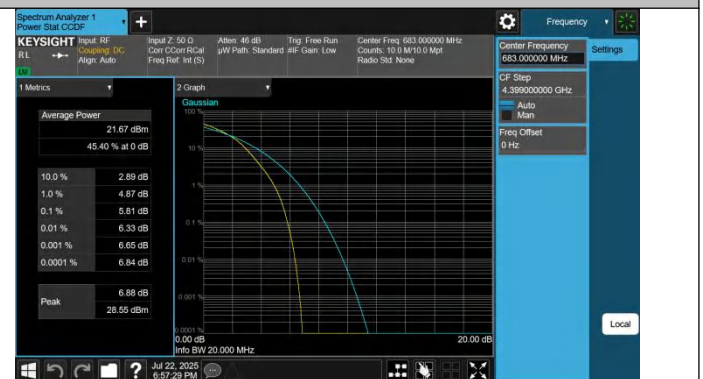
Band71-15MHz-QPSK-133297-75RB#0-PASS



Band71-15MHz-16QAM-133297-75RB#0-PASS



Band71-20MHz-QPSK-133322-100RB#0-PASS



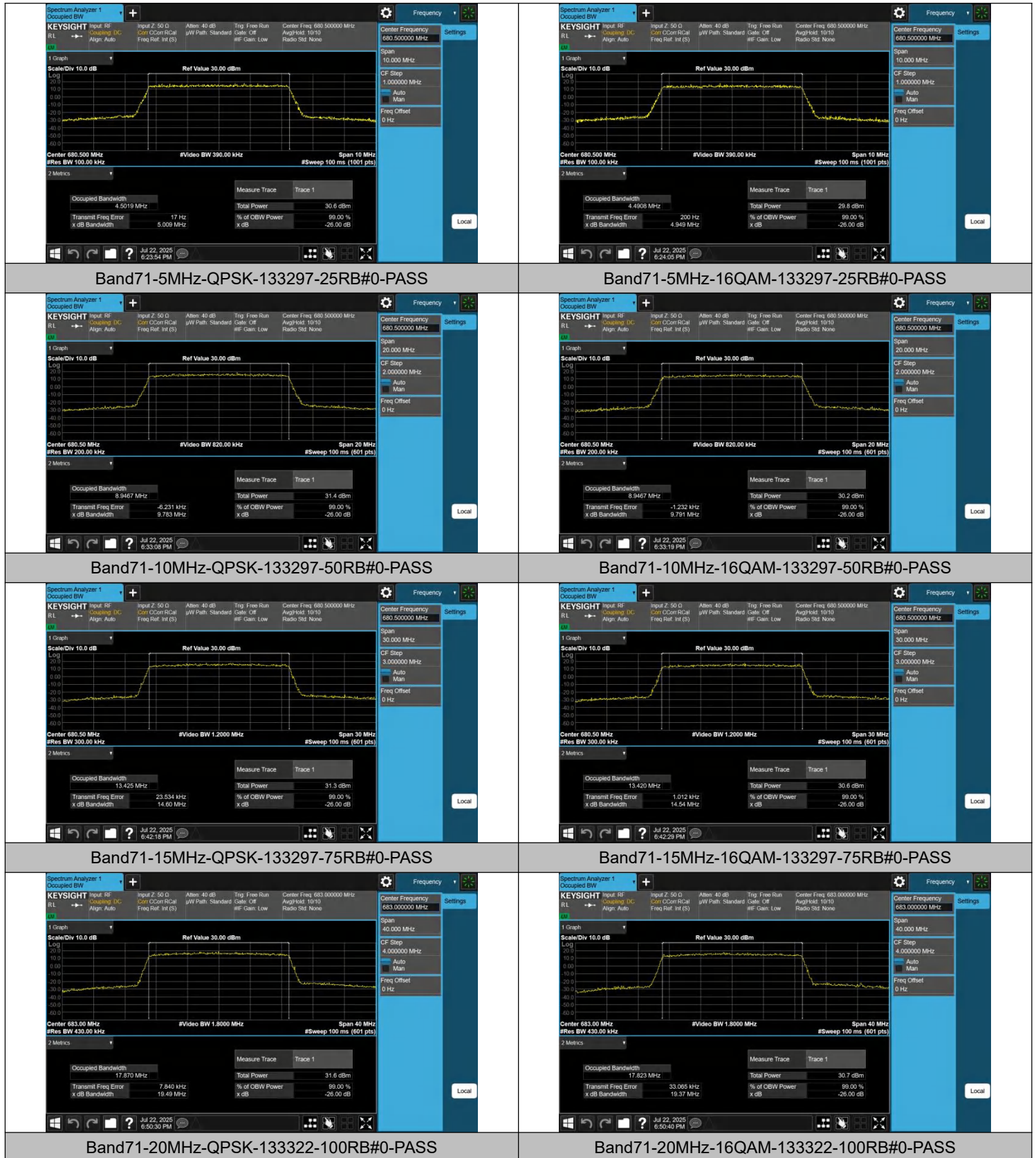
Band71-20MHz-16QAM-133322-100RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

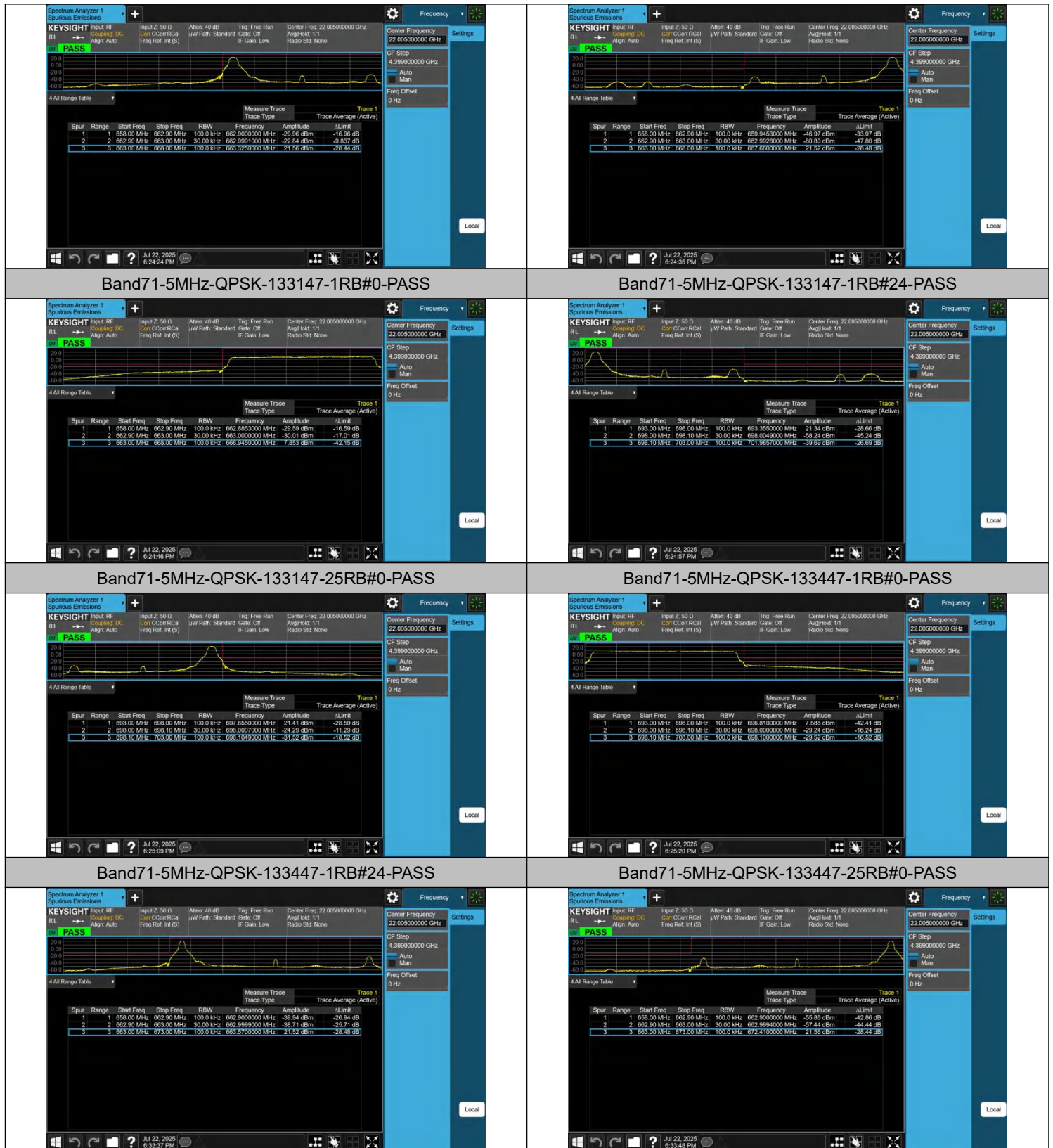
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133297	25RB#0	4.5019	5.009	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.4908	4.949	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9467	9.783	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9467	9.791	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.425	14.60	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.420	14.54	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.870	19.49	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.823	19.37	PASS

Test Graphs



Band Edge

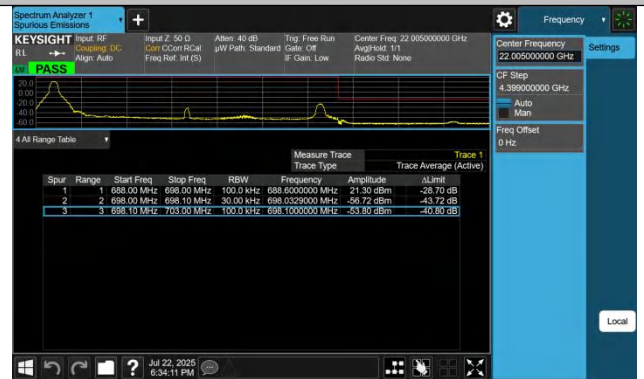
Test Graphs



Band71-10MHz-QPSK-133172-1RB#0-PASS



Band71-10MHz-QPSK-133172-1RB#49-PASS



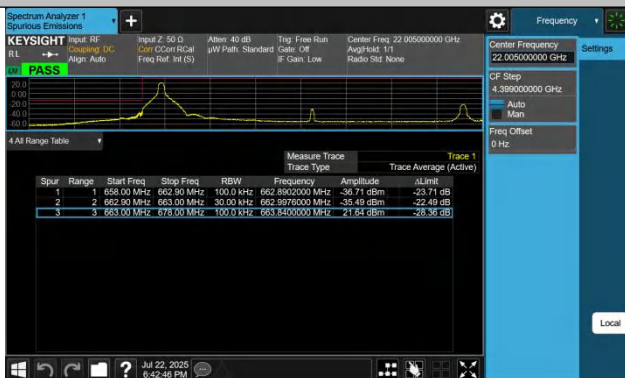
Band71-10MHz-QPSK-133172-50RB#0-PASS



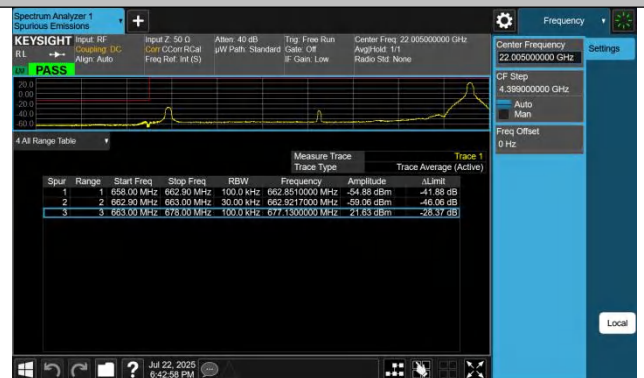
Band71-10MHz-QPSK-133422-1RB#0-PASS



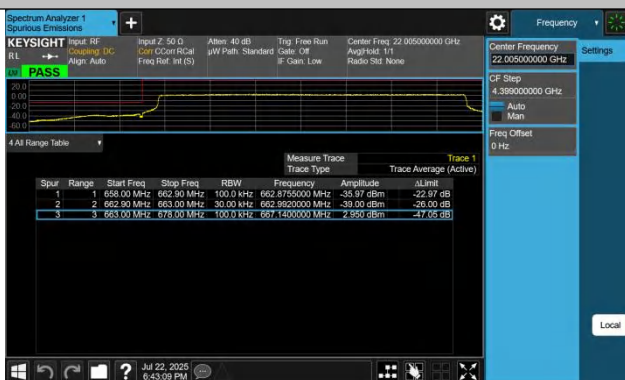
Band71-10MHz-QPSK-133422-1RB#49-PASS



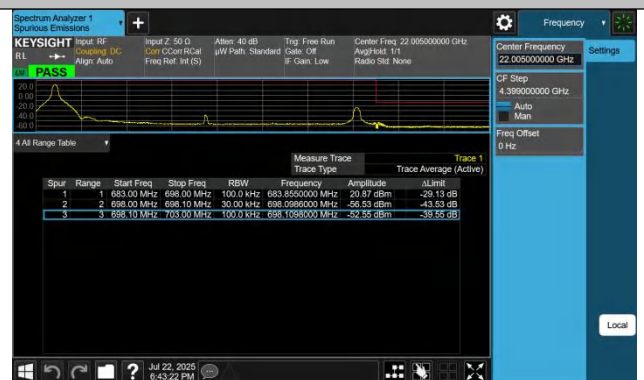
Band71-10MHz-QPSK-133422-50RB#0-PASS



Band71-15MHz-QPSK-133197-1RB#0-PASS

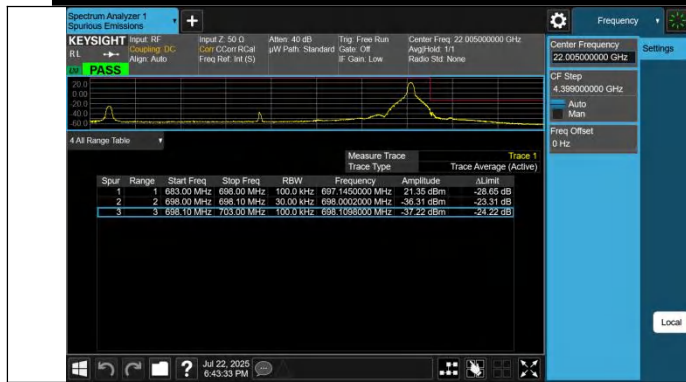


Band71-15MHz-QPSK-133197-1RB#74-PASS



Band71-15MHz-QPSK-133197-75RB#0-PASS

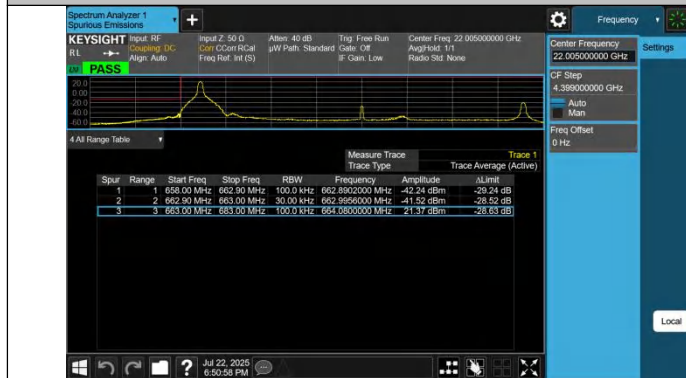
Band71-15MHz-QPSK-133397-1RB#0-PASS



Band71-15MHz-QPSK-133397-1RB#74-PASS



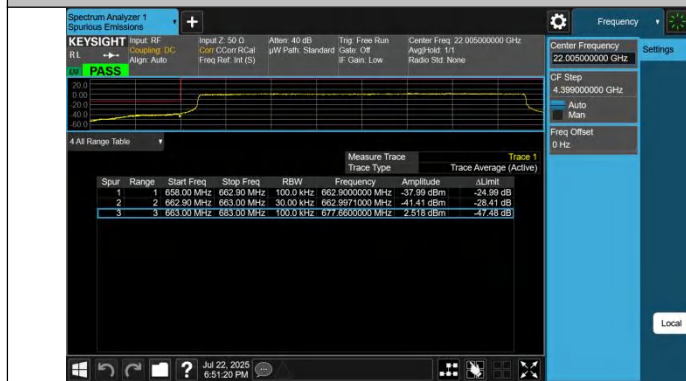
Band71-15MHz-QPSK-133397-75RB#0-PASS



Band71-20MHz-QPSK-133222-1RB#0-PASS



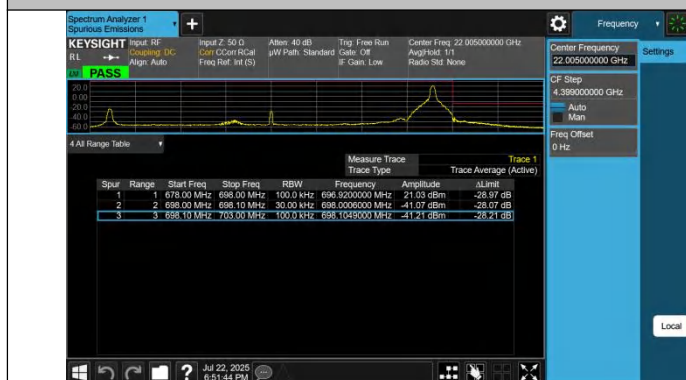
Band71-20MHz-QPSK-133222-1RB#99-PASS



Band71-20MHz-QPSK-133222-100RB#0-PASS



Band71-20MHz-QPSK-133372-1RB#0-PASS



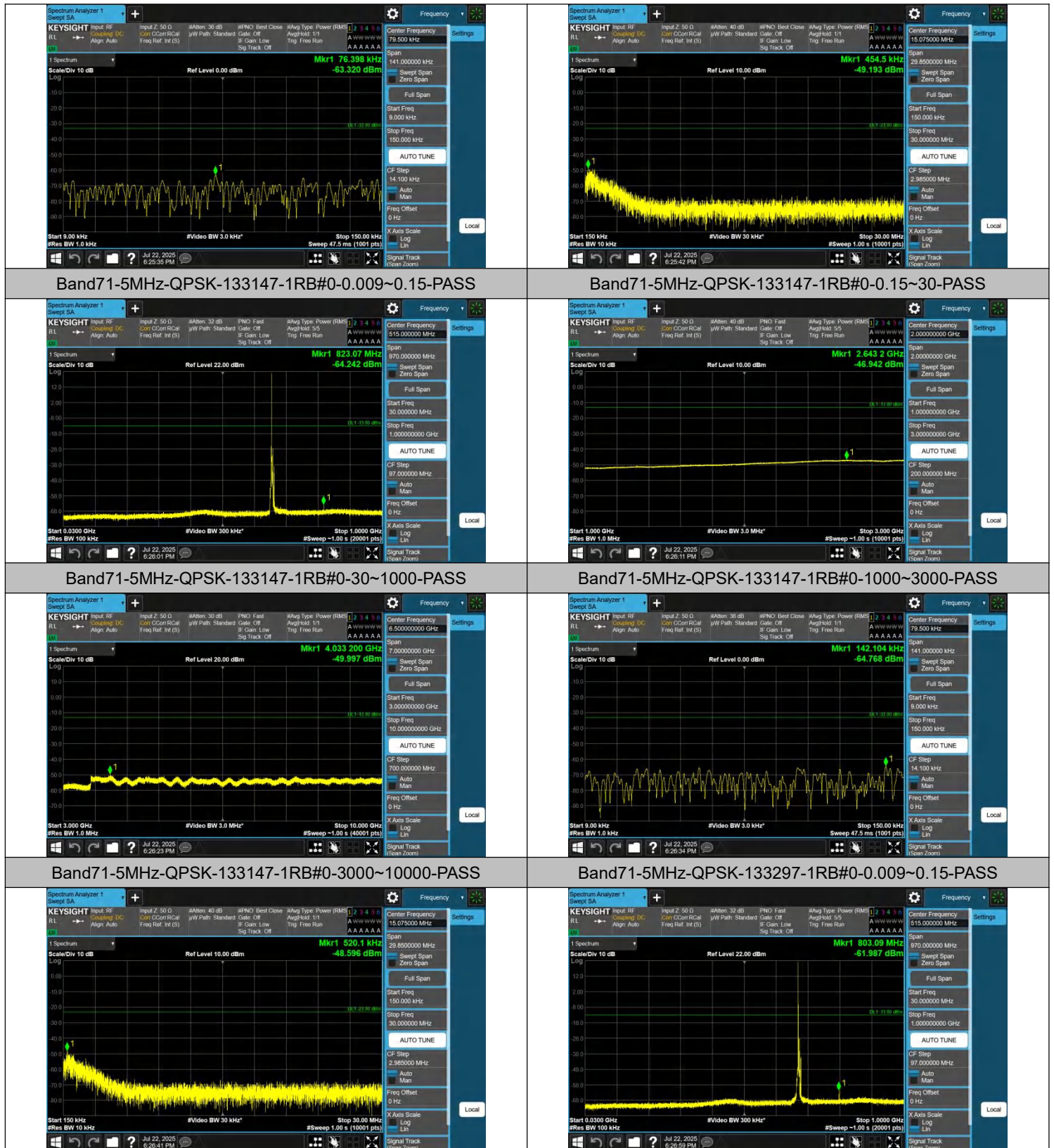
Band71-20MHz-QPSK-133372-1RB#99-PASS



Band71-20MHz-QPSK-133372-100RB#0-PASS

Conducted Spurious Emission

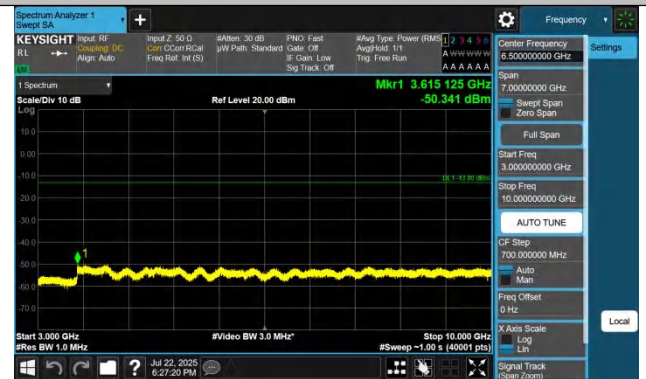
Test Graphs



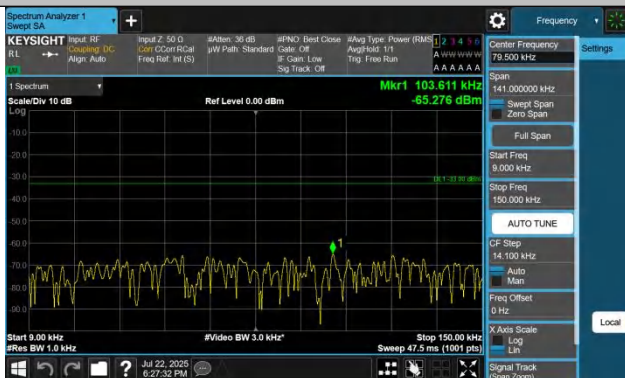
Band71-5MHz-QPSK-133297-1RB#0-0.15~30-PASS



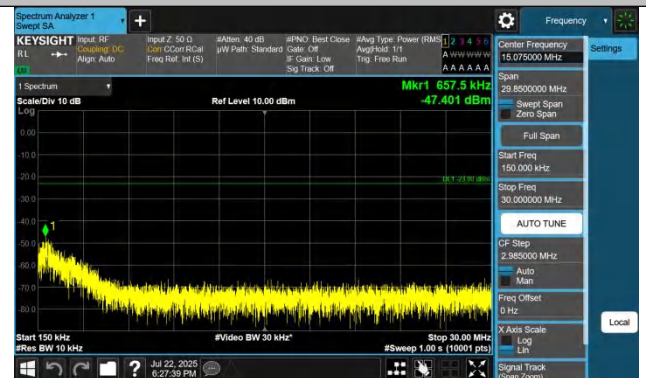
Band71-5MHz-QPSK-133297-1RB#0-30~1000-PASS



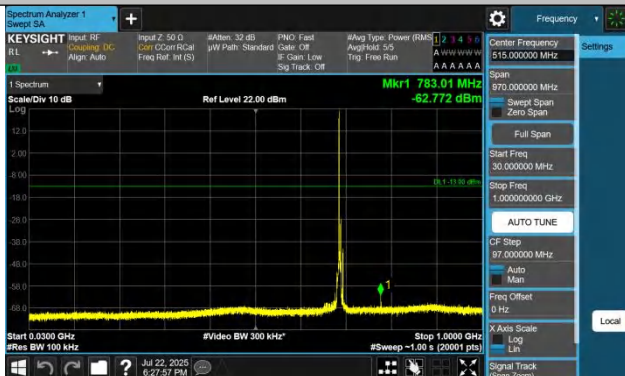
Band71-5MHz-QPSK-133297-1RB#0-1000~3000-PASS



Band71-5MHz-QPSK-133297-1RB#0-3000~10000-PASS



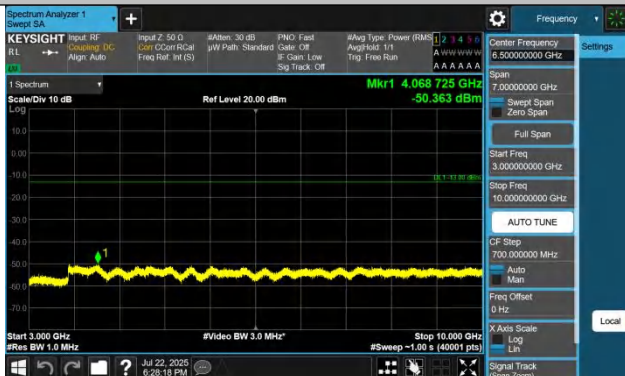
Band71-5MHz-QPSK-133447-1RB#0-0.009~0.15-PASS



Band71-5MHz-QPSK-133447-1RB#0-0.15~30-PASS



Band71-5MHz-QPSK-133447-1RB#0-30~1000-PASS



Band71-5MHz-QPSK-133447-1RB#0-1000~3000-PASS

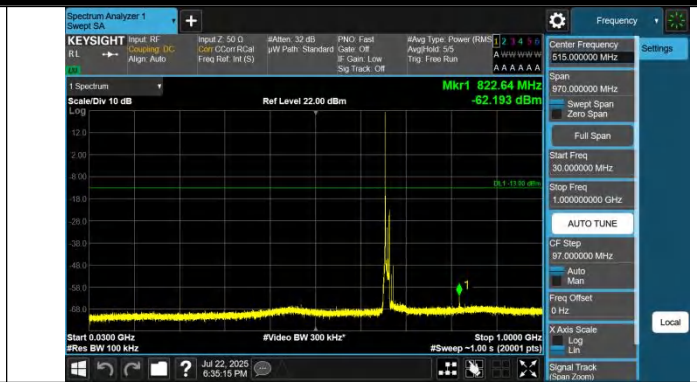


Band71-5MHz-QPSK-133447-1RB#0-3000~10000-PASS

Band71-10MHz-QPSK-133172-1RB#0-0.009~0.15-PASS



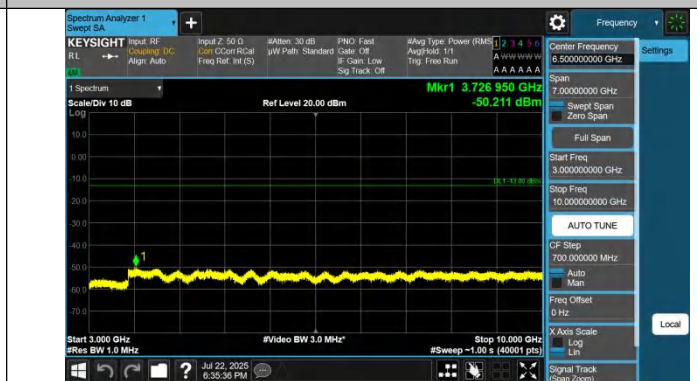
Band71-10MHz-QPSK-133172-1RB#0-0.15~30-PASS



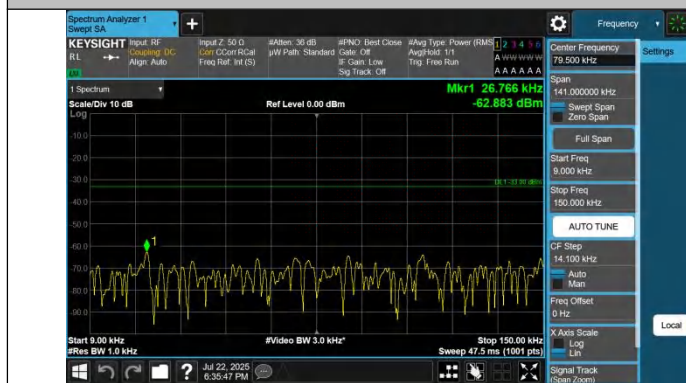
Band71-10MHz-QPSK-133172-1RB#0-30~1000-PASS



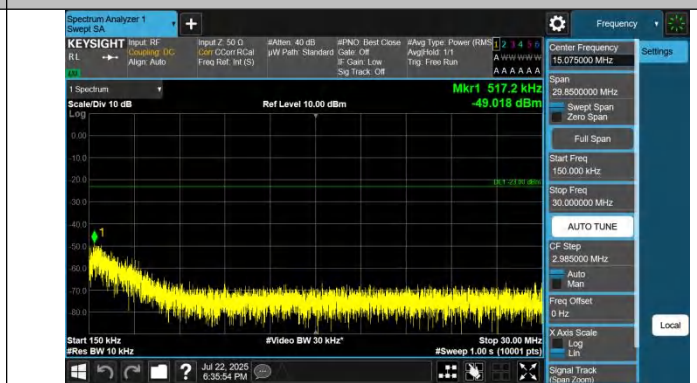
Band71-10MHz-QPSK-133172-1RB#0-1000~3000-PASS



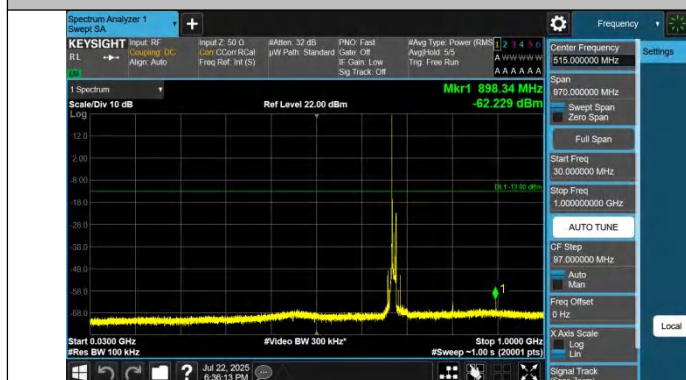
Band71-10MHz-QPSK-133172-1RB#0-3000~10000-PASS



Band71-10MHz-QPSK-133297-1RB#0-0.009~0.15-PASS



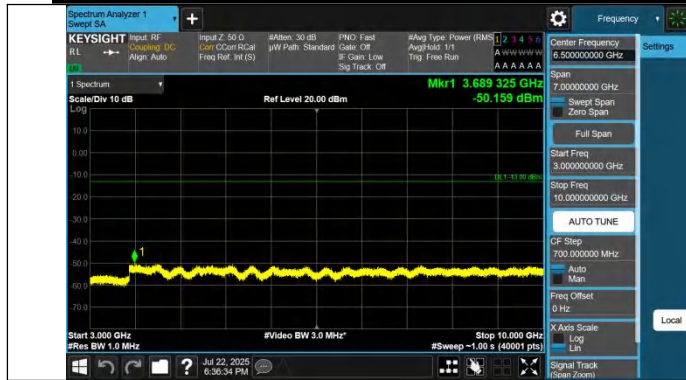
Band71-10MHz-QPSK-133297-1RB#0-0.15~30-PASS



Band71-10MHz-QPSK-133297-1RB#0-30~1000-PASS



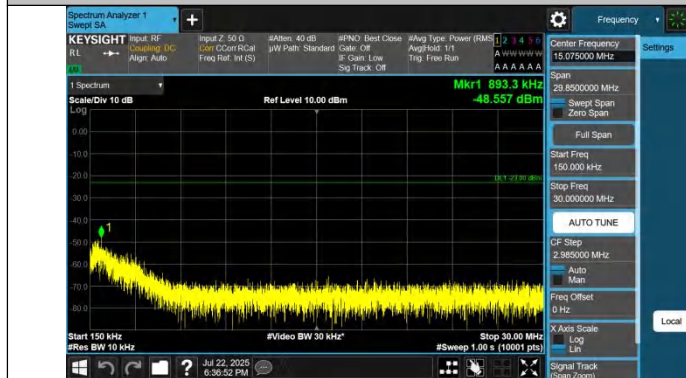
Band71-10MHz-QPSK-133297-1RB#0-1000~3000-PASS



Band71-10MHz-QPSK-133297-1RB#0-3000~10000-PASS



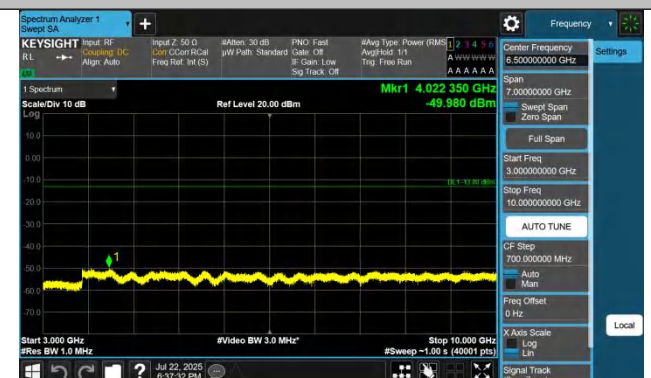
Band71-10MHz-QPSK-133422-1RB#0-0.009~0.15-PASS



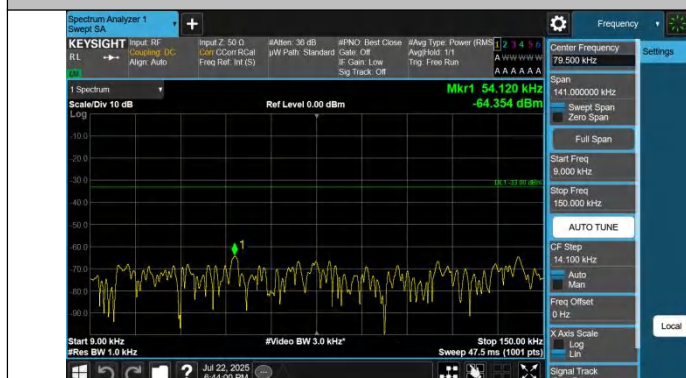
Band71-10MHz-QPSK-133422-1RB#0-0.15~30-PASS



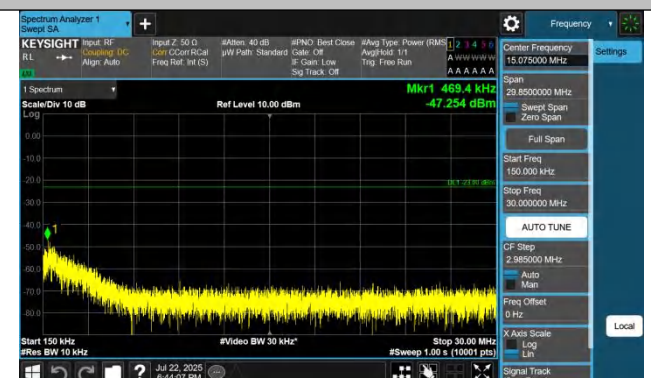
Band71-10MHz-QPSK-133422-1RB#0-1000~3000-PASS



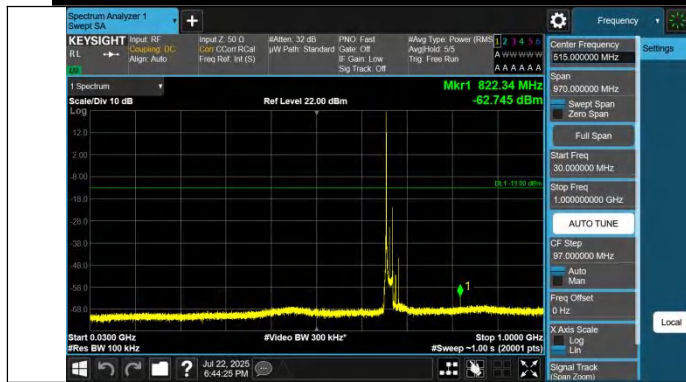
Band71-10MHz-QPSK-133422-1RB#0-3000~10000-PASS



Band71-15MHz-QPSK-133197-1RB#0-0.009~0.15-PASS



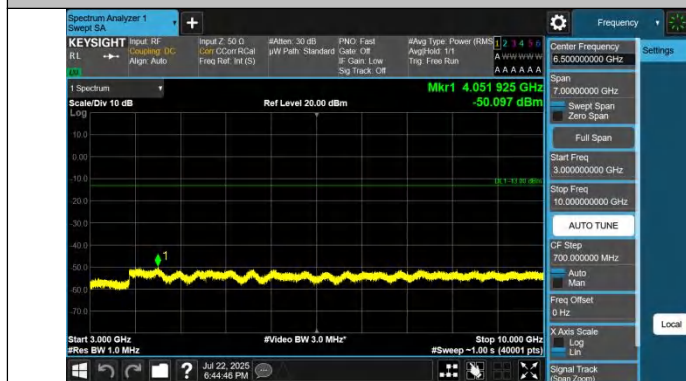
Band71-15MHz-QPSK-133197-1RB#0-0.15~30-PASS



Band71-15MHz-QPSK-133197-1RB#0-30~1000-PASS



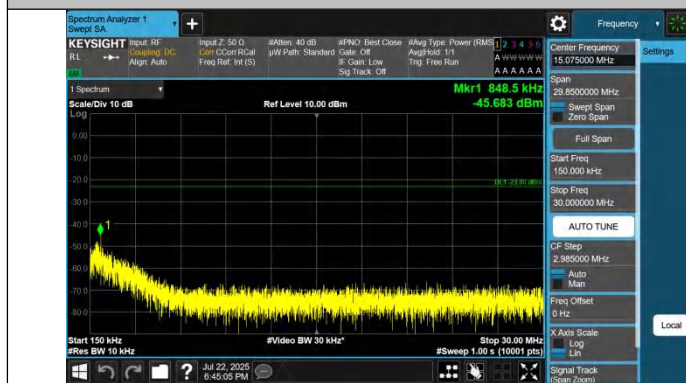
Band71-15MHz-QPSK-133197-1RB#0-1000~3000-PASS



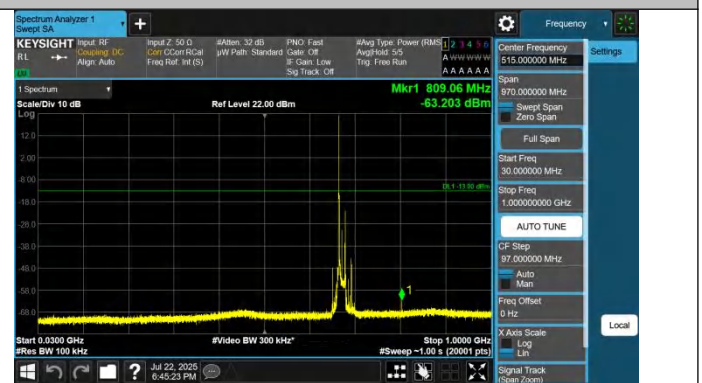
Band71-15MHz-QPSK-133197-1RB#0-3000~10000-PASS



Band71-15MHz-QPSK-133297-1RB#0-0.009~0.15-PASS



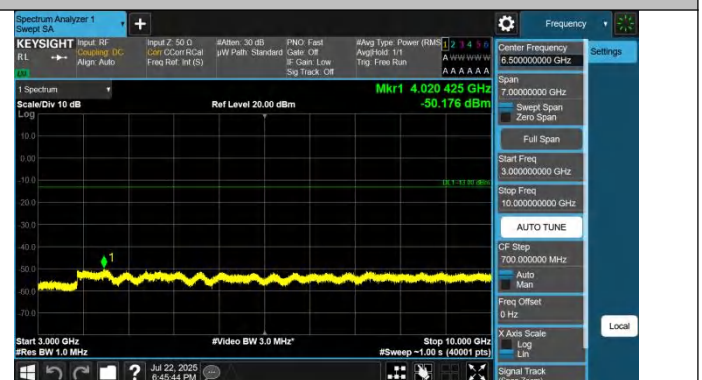
Band71-15MHz-QPSK-133297-1RB#0-0.15~30-PASS



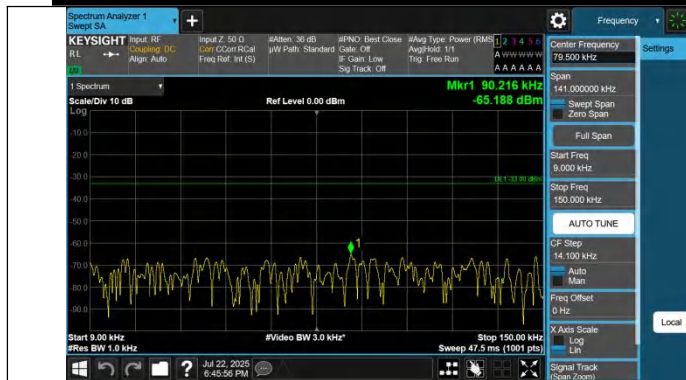
Band71-15MHz-QPSK-133297-1RB#0-30~1000-PASS



Band71-15MHz-QPSK-133297-1RB#0-1000~3000-PASS



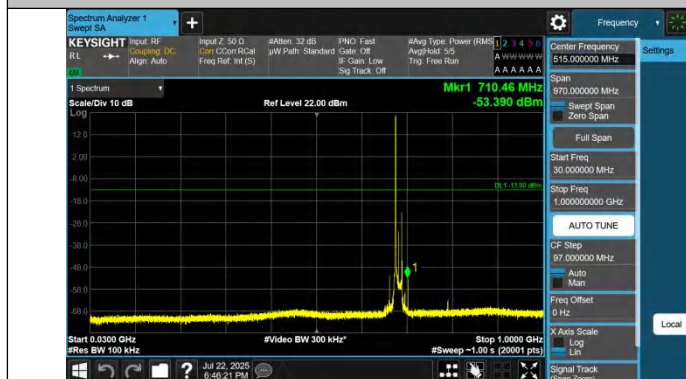
Band71-15MHz-QPSK-133297-1RB#0-3000~10000-PASS



Band71-15MHz-QPSK-133397-1RB#0-0.009~0.15-PASS



Band71-15MHz-QPSK-133397-1RB#0-0.15~30-PASS



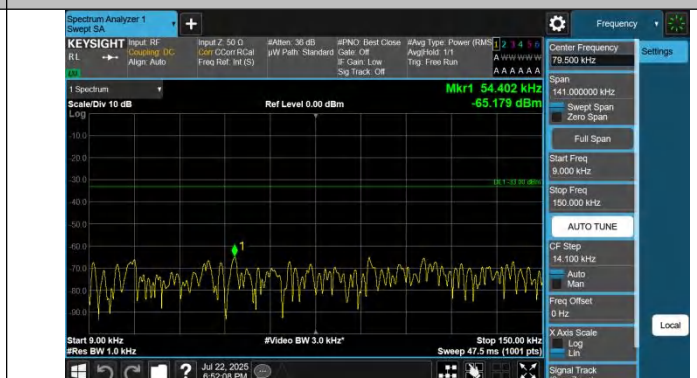
Band71-15MHz-QPSK-133397-1RB#0-30~1000-PASS



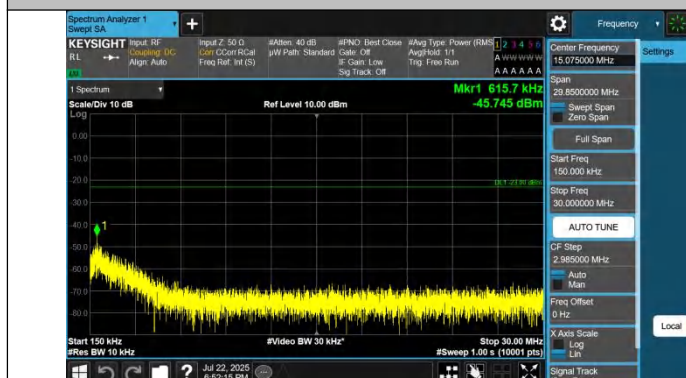
Band71-15MHz-QPSK-133397-1RB#0-1000~3000-PASS



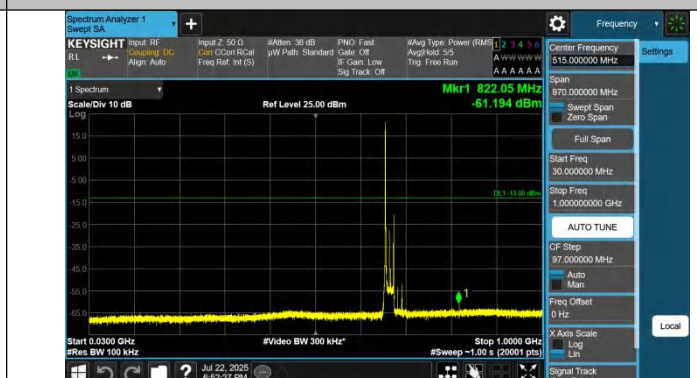
Band71-15MHz-QPSK-133397-1RB#0-3000~10000-PASS



Band71-20MHz-QPSK-133222-1RB#0-0.009~0.15-PASS



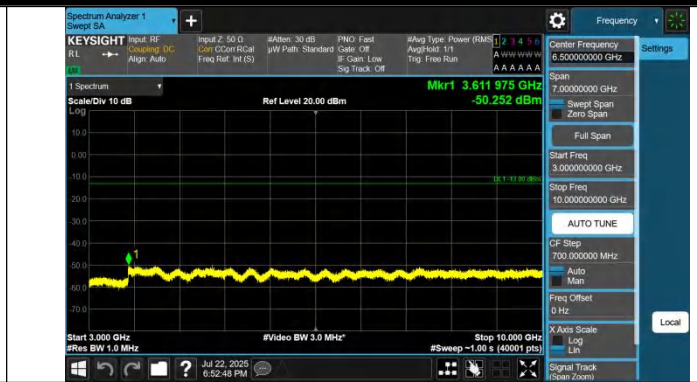
Band71-20MHz-QPSK-133222-1RB#0-0.15~30-PASS



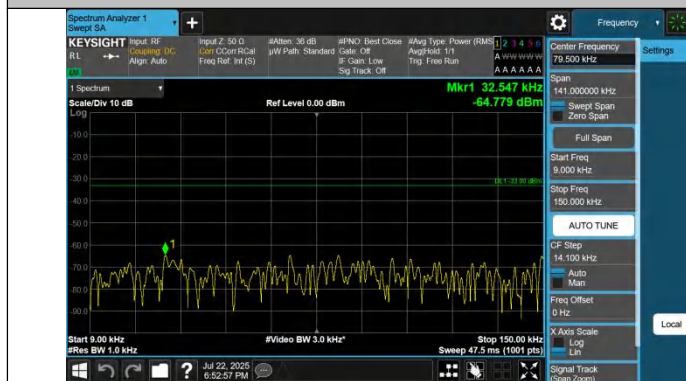
Band71-20MHz-QPSK-133222-1RB#0-30~1000-PASS



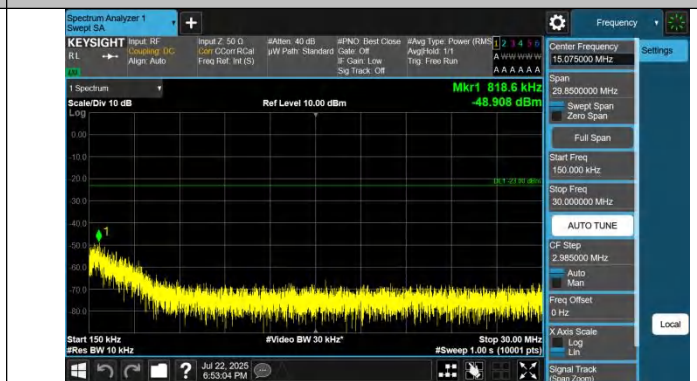
Band71-20MHz-QPSK-133222-1RB#0-1000~3000-PASS



Band71-20MHz-QPSK-133222-1RB#0-3000~10000-PASS



Band71-20MHz-QPSK-133222-1RB#0-0.009~0.15-PASS



Band71-20MHz-QPSK-133222-1RB#0-0.15~30-PASS



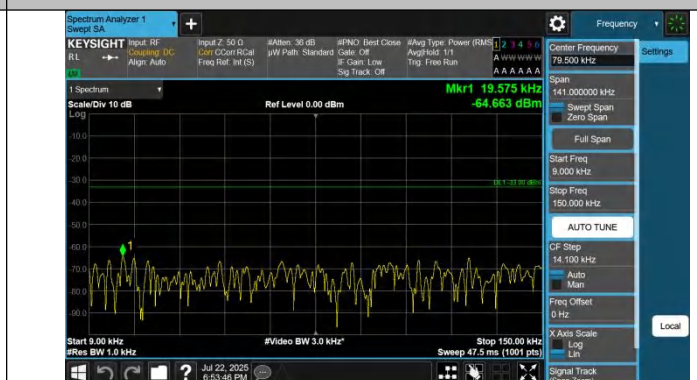
Band71-20MHz-QPSK-133222-1RB#0-30~1000-PASS



Band71-20MHz-QPSK-133222-1RB#0-1000~3000-PASS



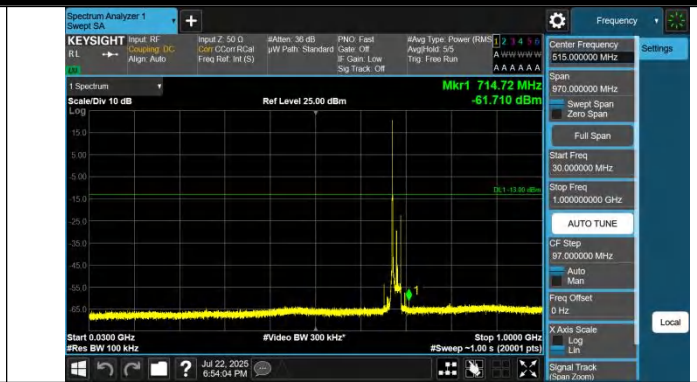
Band71-20MHz-QPSK-133222-1RB#0-3000~10000-PASS



Band71-20MHz-QPSK-133222-1RB#0-0.009~0.15-PASS



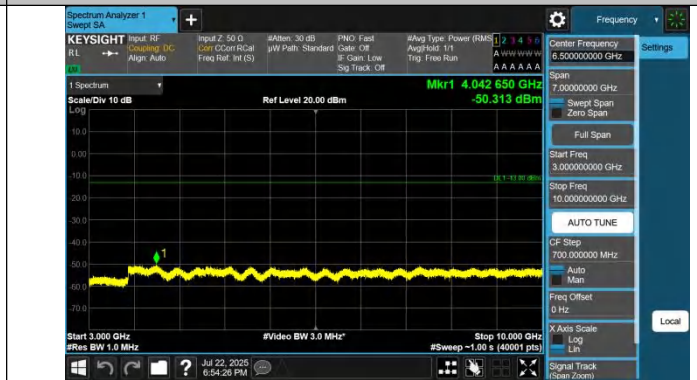
Band71-20MHz-QPSK-133372-1RB#0-0.15~30-PASS



Band71-20MHz-QPSK-133372-1RB#0-30~1000-PASS



Band71-20MHz-QPSK-133372-1RB#0-1000~3000-PASS



Band71-20MHz-QPSK-133372-1RB#0-3000~10000-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 71	20MHz	QPSK	13332	100RB#0	VN	NT	11940.00	17.481698	±NA	674.10394	691.91994	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	VL	NT	6830.00	10.000000	±NA	674.09983	691.91383	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	VH	NT	11140.00	16.310395	±NA	674.10314	691.91914	663-698	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 71	20MHz	QPSK	13332	100RB#0	NV	-30	20760.00	30.395315	±NA	674.10826	691.93326	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	-20	17240.00	25.241581	±NA	674.10924	691.92524	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	-10	15110.00	22.122987	±NA	674.10961	691.92061	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	0	7180.00	10.512445	±NA	674.09618	691.91818	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	10	15120.00	22.137628	±NA	674.11712	691.91312	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	20	1360.00	1.991215	±NA	674.10136	691.90136	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	30	18400.00	26.939971	±NA	674.1094	691.9274	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	40	16910.00	24.758419	±NA	674.10591	691.92791	663-698	PASS
Band 71	20MHz	QPSK	13332	100RB#0	NV	50	6990.00	10.234261	±NA	674.09749	691.91649	663-698	PASS

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