

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain(dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.18	2	25.18	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.37	2	24.37	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.19	2	25.19	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.51	2	25.51	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.27	2	25.27	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.42	2	24.42	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.31	2	25.31	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.15	2	25.15	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	2	25.08	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.38	2	24.38	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.16	2	25.16	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.37	2	25.37	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.34	2	24.34	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.25	2	23.25	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.29	2	24.29	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.27	2	24.27	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.81	2	24.81	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.33	2	23.33	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.6	2	24.6	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.34	2	24.34	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.33	2	24.33	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.41	2	23.41	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.76	2	24.76	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.07	2	24.07	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.3	2	25.3	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.55	2	24.55	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.26	2	25.26	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.38	2	25.38	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.43	2	25.43	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.48	2	24.48	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.18	2	25.18	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.26	2	25.26	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.05	2	25.05	30	PASS

Band4	3MHz	QPSK	20385	15RB#0	22.47	2	24.47	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.2	2	25.2	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.32	2	25.32	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.56	2	24.56	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.4	2	23.4	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.78	2	24.78	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.6	2	24.6	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.33	2	24.33	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.61	2	23.61	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.53	2	24.53	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.29	2	24.29	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.32	2	24.32	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.43	2	23.43	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.49	2	24.49	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.18	2	24.18	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.27	2	25.27	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.55	2	24.55	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.43	2	25.43	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.2	2	25.2	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.35	2	25.35	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.44	2	24.44	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.27	2	25.27	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.25	2	25.25	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.18	2	25.18	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.33	2	24.33	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.39	2	25.39	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.43	2	25.43	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.33	2	24.33	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.62	2	23.62	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.35	2	24.35	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.42	2	24.42	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.25	2	24.25	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.56	2	23.56	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.23	2	24.23	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.09	2	24.09	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.29	2	24.29	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.34	2	23.34	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.4	2	24.4	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.69	2	24.69	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.26	2	25.26	30	PASS

Band4	10MHz	QPSK	20000	50RB#0	22.47	2	24.47	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.7	2	25.7	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.29	2	25.29	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.06	2	25.06	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.5	2	24.5	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.37	2	25.37	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.06	2	25.06	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.13	2	25.13	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.33	2	24.33	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.58	2	25.58	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.28	2	25.28	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.64	2	23.64	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.39	2	23.39	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.4	2	23.4	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.53	2	24.53	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.94	2	24.94	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.78	2	24.78	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.4	2	24.4	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.82	2	24.82	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.2	2	24.2	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.24	2	24.24	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.68	2	24.68	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.26	2	24.26	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.19	2	25.19	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.45	2	24.45	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.39	2	25.39	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.21	2	25.21	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.02	2	25.02	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.43	2	24.43	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.19	2	25.19	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.22	2	25.22	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.18	2	25.18	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.19	2	24.19	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23	2	25	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.2	2	25.2	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.34	2	23.34	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.4	2	23.4	30	PASS

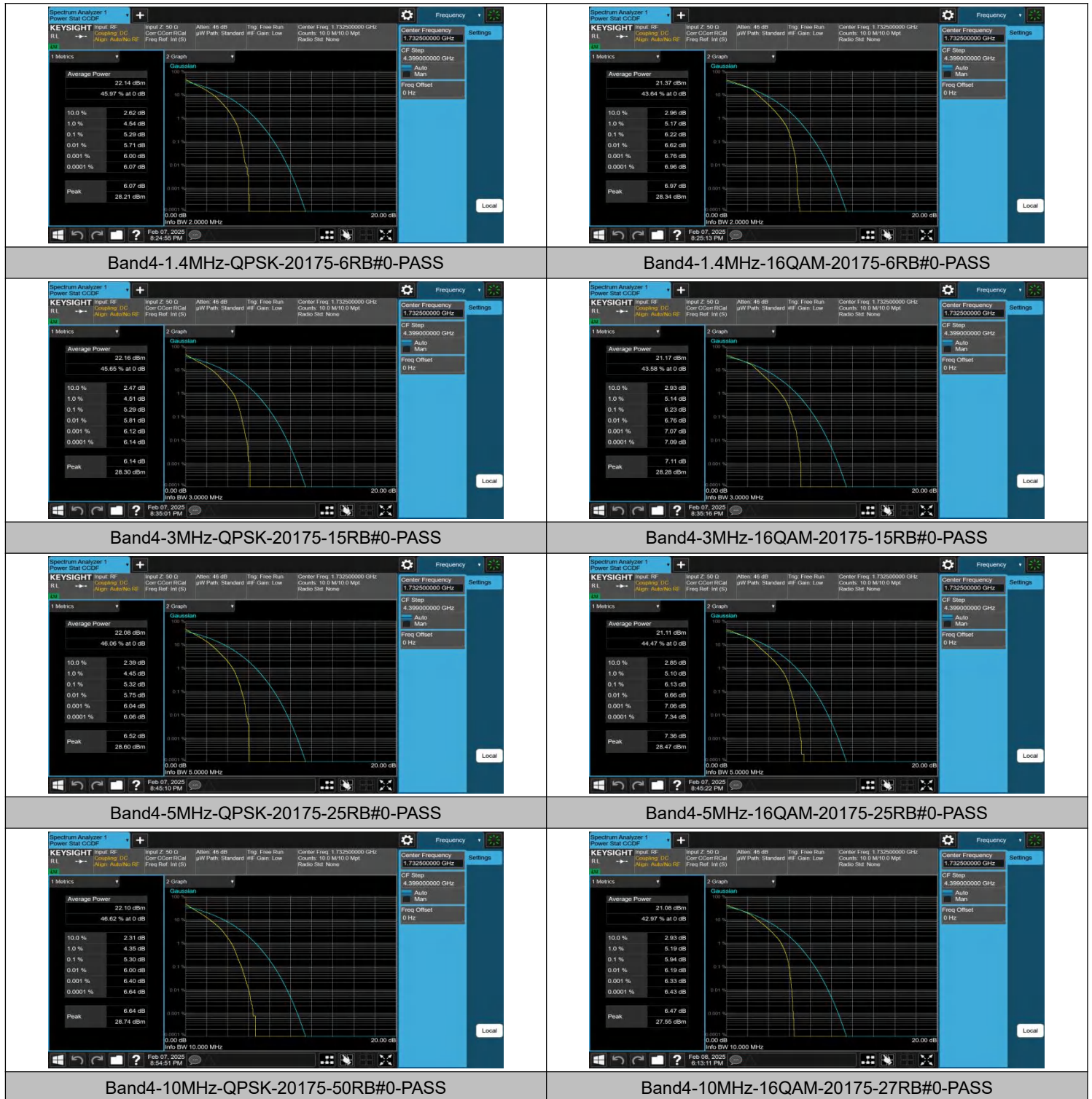
Band4	15MHz	16QAM	20325	27RB#0	21.59	2	23.59	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.55	2	24.55	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.19	2	25.19	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.48	2	24.48	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.36	2	24.36	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.3	2	24.3	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.27	2	24.27	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.27	2	24.27	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.1	2	24.1	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.41	2	24.41	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.23	2	25.23	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.47	2	24.47	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.52	2	25.52	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.13	2	25.13	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.34	2	25.34	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.43	2	24.43	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.57	2	25.57	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.42	2	25.42	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.45	2	25.45	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.28	2	24.28	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.29	2	25.29	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.26	2	25.26	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.46	2	23.46	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.23	2	23.23	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.45	2	23.45	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.87	2	23.87	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.24	2	24.24	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.14	2	24.14	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.42	2	24.42	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.95	2	24.95	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.34	2	24.34	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.11	2	25.11	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.21	2	25.21	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.89	2	24.89	30	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.29	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.22	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.29	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.23	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.32	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.13	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.41	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.88	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.18	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.86	13	PASS

Test Graphs





Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



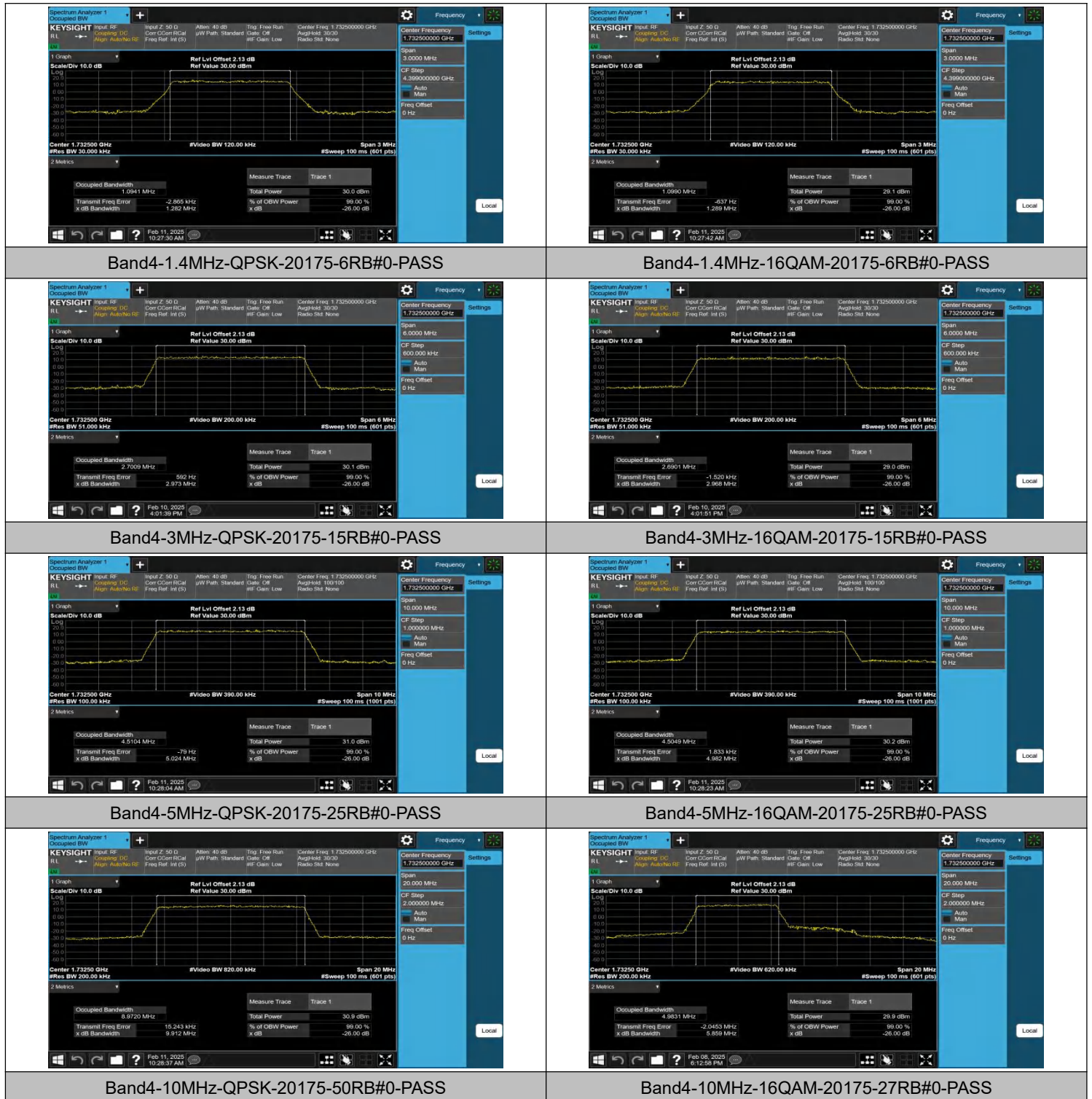
Band4-20MHz-16QAM-20175-27RB#0-PASS

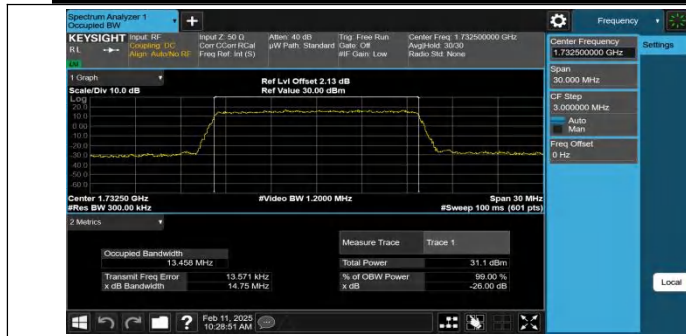
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0941	1.282	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0990	1.289	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7009	2.973	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6901	2.968	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5104	5.024	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5049	4.982	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9720	9.912	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9831	5.859	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.458	14.75	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.1064	6.174	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.917	19.53	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.2551	6.541	PASS

Test Graphs





Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



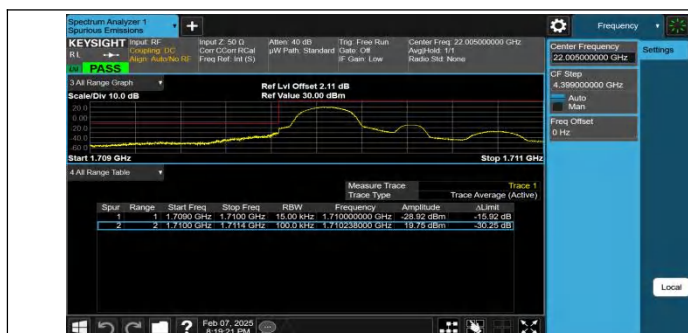
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS

Band Edge

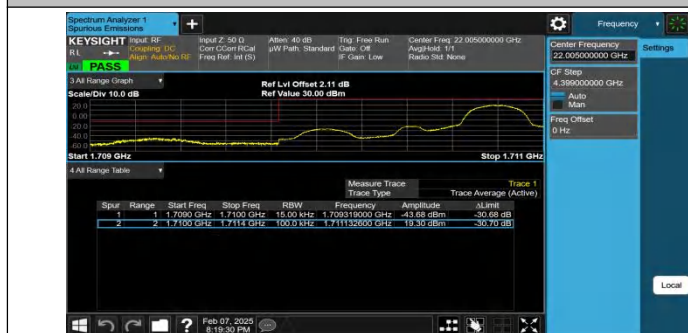
Test Graphs



Band4-1.4MHz-QPSK-19957-1RB#0-PASS



Band4-1.4MHz-QPSK-19957-6RB#0-PASS



Band4-1.4MHz-QPSK-19957-1RB#5-PASS



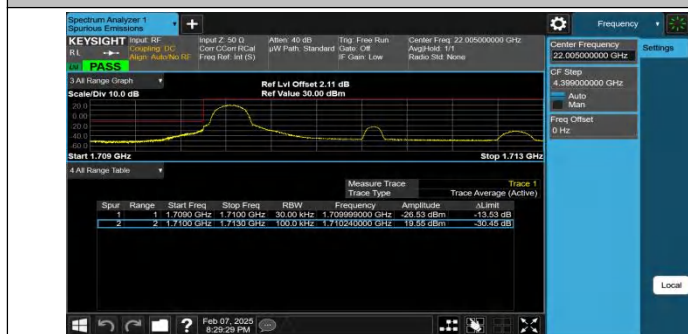
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



Band4-1.4MHz-QPSK-20393-6RB#0-PASS



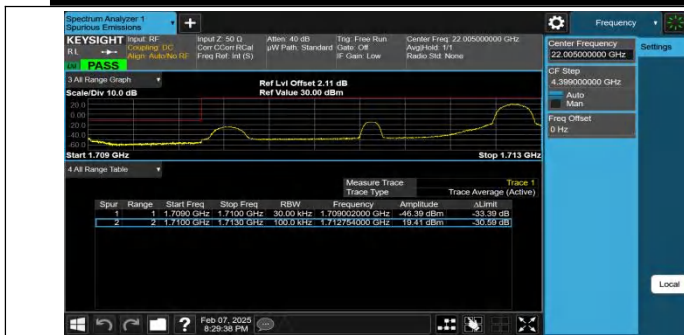
Band4-1.4MHz-QPSK-20393-1RB#5-PASS



Band4-3MHz-QPSK-19965-1RB#0-PASS



Band4-3MHz-QPSK-19965-15RB#0-PASS



Band4-3MHz-QPSK-19965-1RB#14-PASS



Band4-3MHz-QPSK-20385-1RB#0-PASS



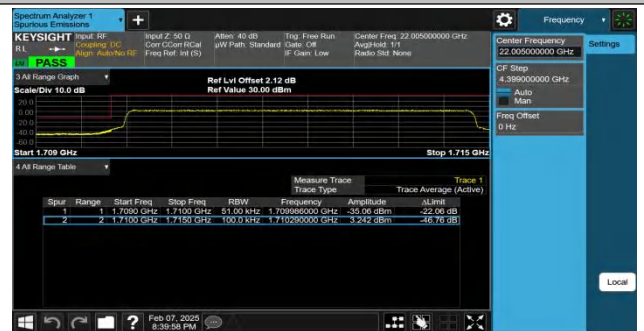
Band4-3MHz-QPSK-20385-15RB#0-PASS



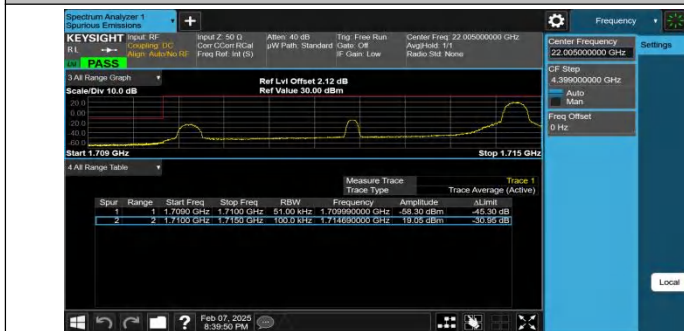
Band4-3MHz-QPSK-20385-1RB#14-PASS



Band4-5MHz-QPSK-19975-1RB#0-PASS



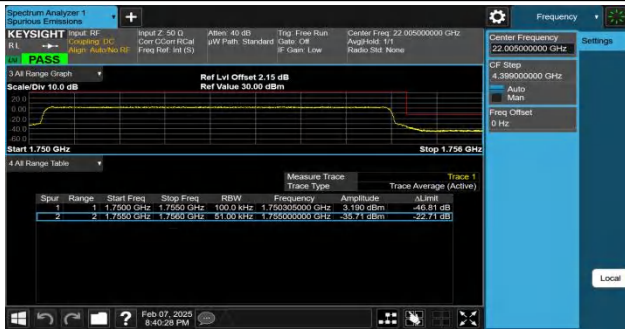
Band4-5MHz-QPSK-19975-25RB#0-PASS



Band4-5MHz-QPSK-19975-1RB#24-PASS



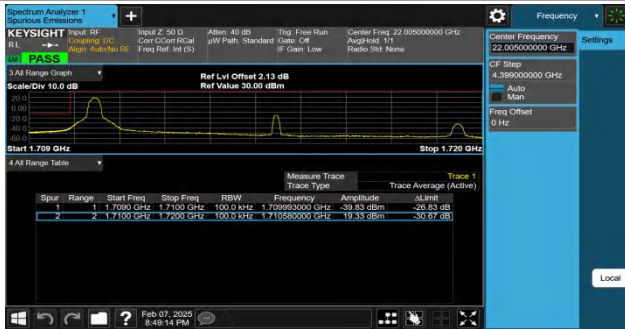
Band4-5MHz-QPSK-20375-1RB#0-PASS



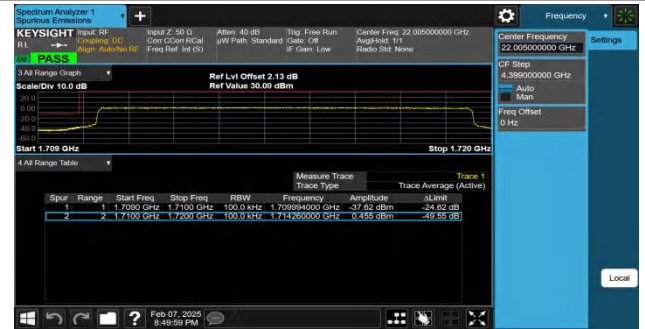
Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-QPSK-20375-1RB#24-PASS



Band4-10MHz-QPSK-20000-1RB#0-PASS



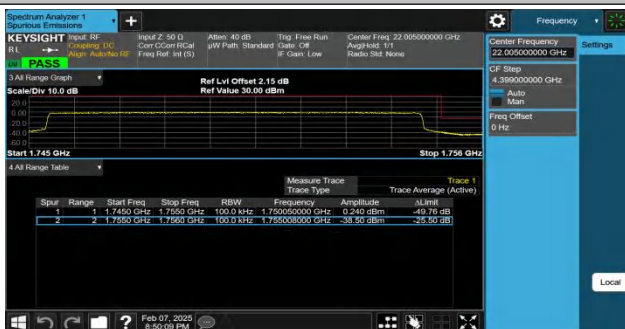
Band4-10MHz-QPSK-20000-50RB#0-PASS



Band4-10MHz-QPSK-20000-1RB#49-PASS



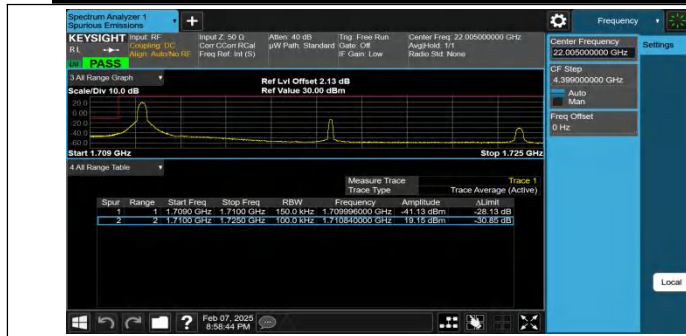
Band4-10MHz-QPSK-20350-1RB#0-PASS



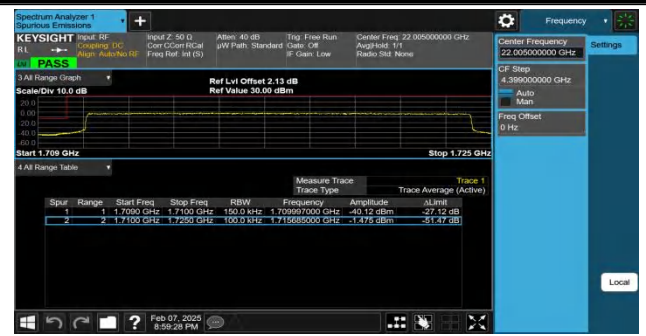
Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-QPSK-20350-1RB#49-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS



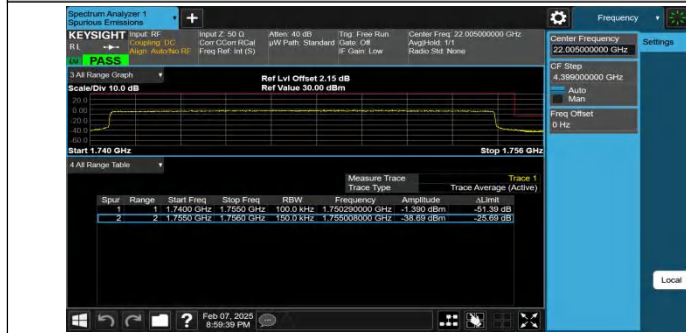
Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-QPSK-20025-1RB#74-PASS



Band4-15MHz-QPSK-20025-75RB#74-PASS



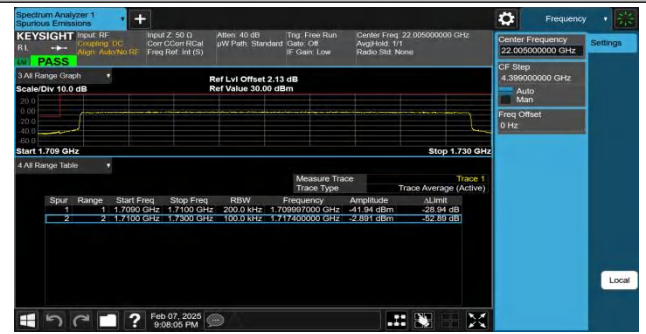
Band4-15MHz-QPSK-20325-1RB#0-PASS



Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-1RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS



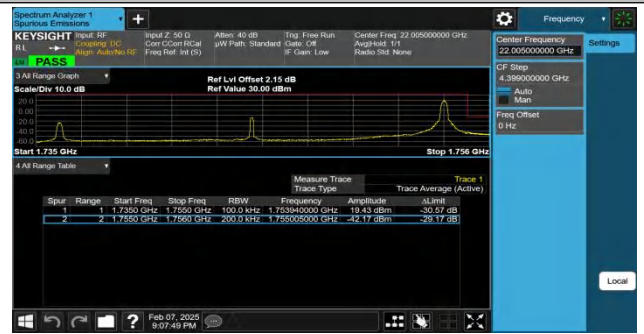
Band4-20MHz-QPSK-20050-1RB#99-PASS



Band4-20MHz-QPSK-20300-1RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS

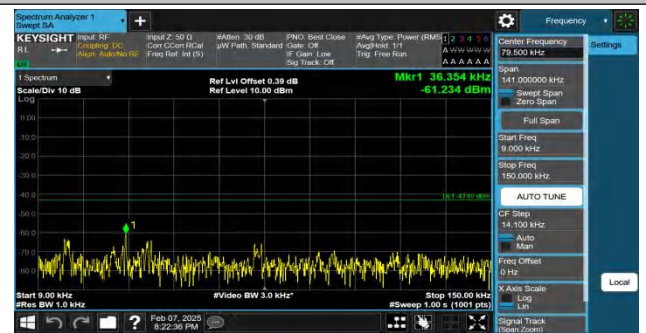
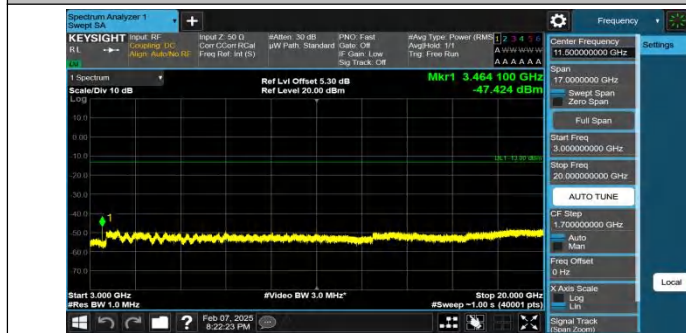
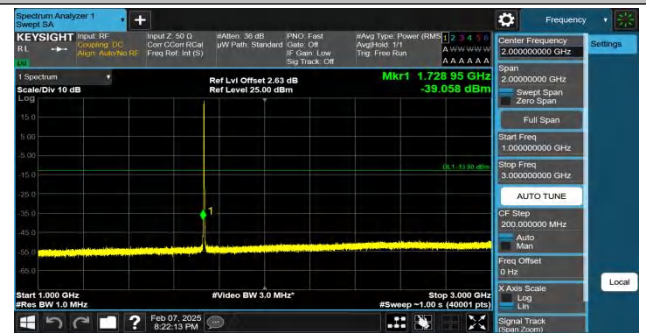
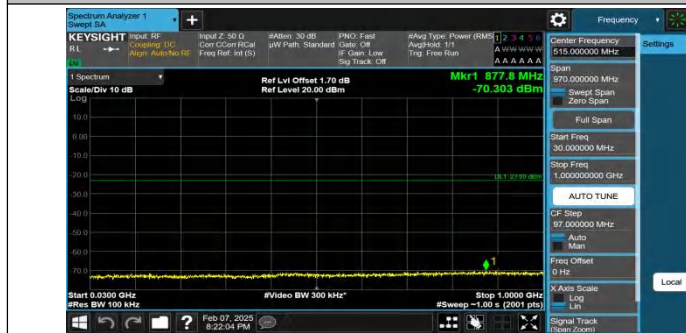
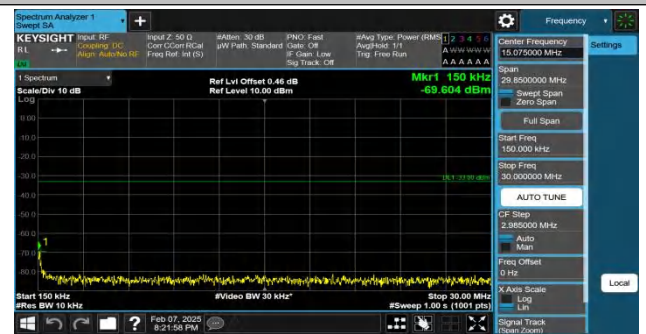
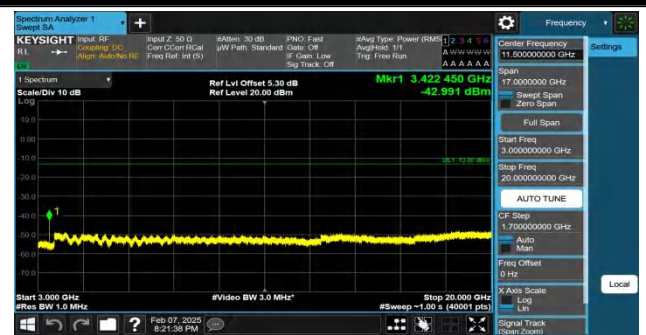


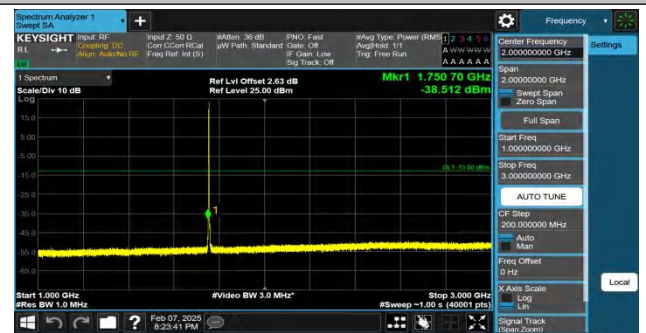
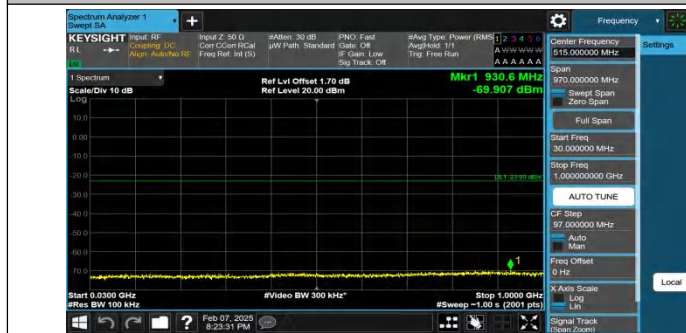
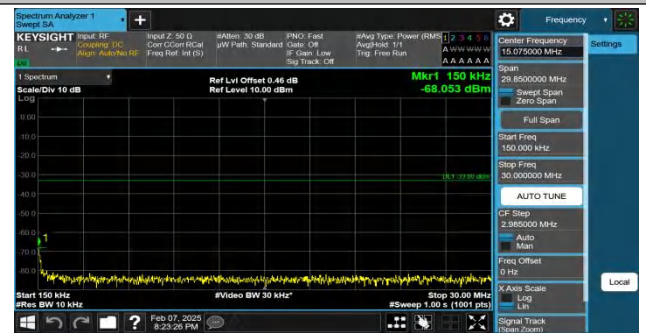
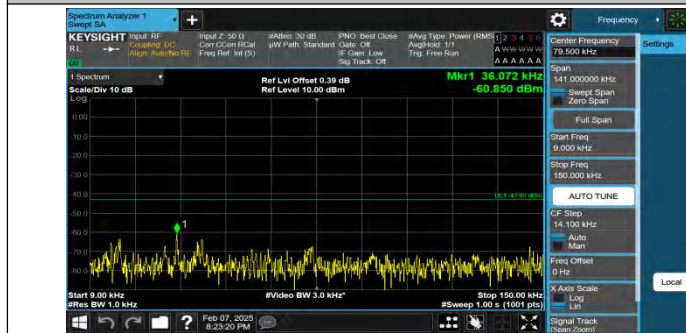
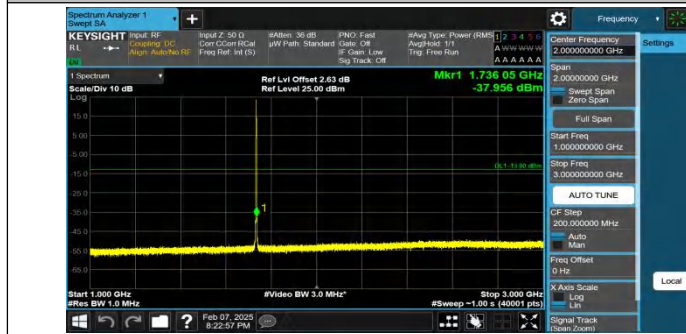
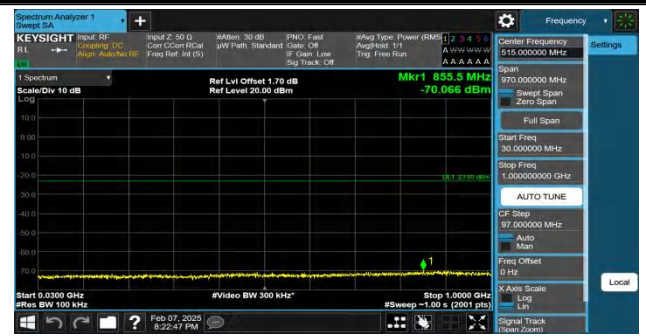
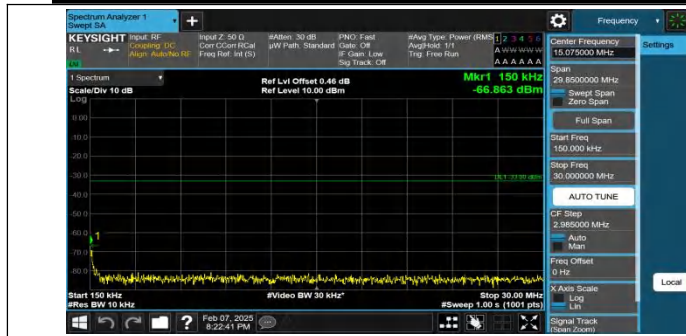
Band4-20MHz-QPSK-20300-1RB#99-PASS

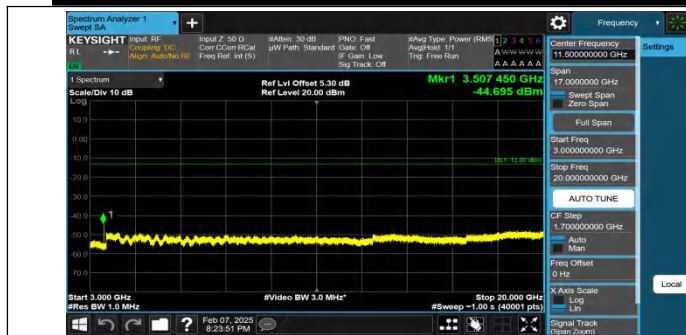
Conducted Spurious Emission

Test Graphs

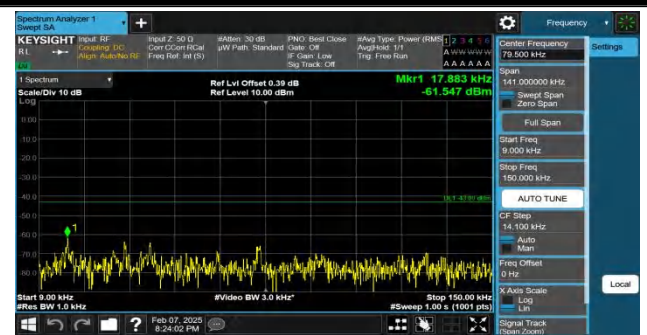








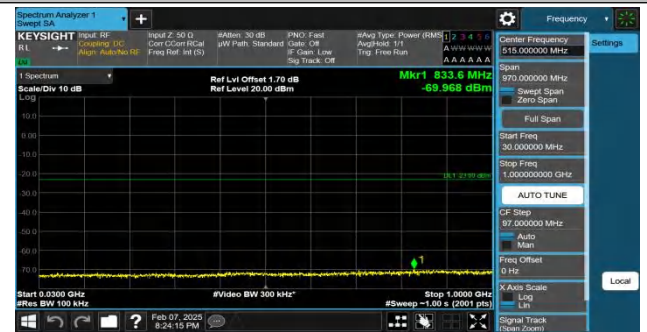
Band4-1.4MHz-QPSK-20393-1RB#0-3000~20000-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-0.009~0.15-PASS



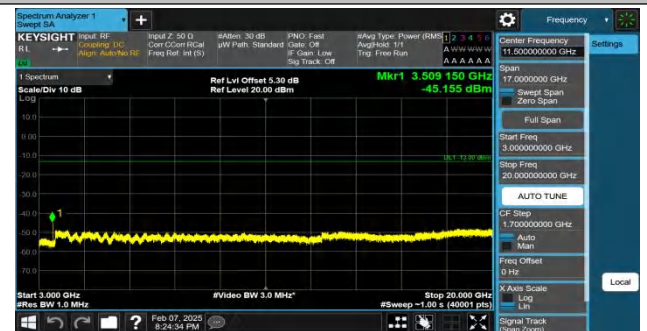
Band4-1.4MHz-QPSK-20393-1RB#5-0.15~30-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-30~1000-PASS



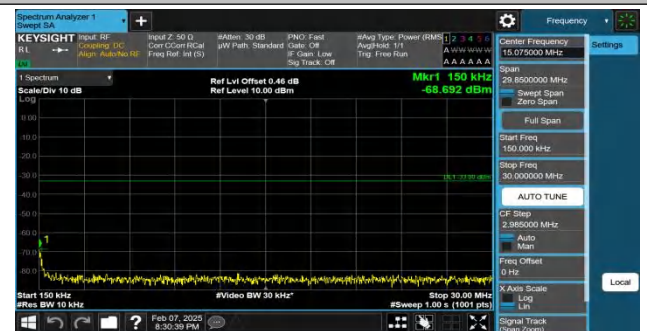
Band4-1.4MHz-QPSK-20393-1RB#5-1000~3000-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-3000~20000-PASS



Band4-3MHz-QPSK-19965-1RB#0-0.009~0.15-PASS



Band4-3MHz-QPSK-19965-1RB#0-0.15~30-PASS

