

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
Band2	1.4MHz	QPSK	18607	1RB#0	24.13	1.59	25.72	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	23.14	1.59	24.73	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	24.06	1.59	25.65	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.99	1.59	25.58	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.24	1.59	25.83	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	23.23	1.59	24.82	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.12	1.59	25.71	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	24.21	1.59	25.8	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.24	1.59	25.83	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	23.11	1.59	24.7	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	24.13	1.59	25.72	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	24.00	1.59	25.59	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.11	1.59	24.7	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.11	1.59	23.7	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.19	1.59	24.78	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.18	1.59	24.77	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.33	1.59	24.92	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.21	1.59	23.8	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.33	1.59	24.92	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.24	1.59	24.83	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.20	1.59	24.79	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.18	1.59	23.77	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.08	1.59	24.67	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.94	1.59	24.53	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.87	1.59	25.46	33	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.99	1.59	24.58	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.98	1.59	25.57	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.94	1.59	25.53	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.93	1.59	25.52	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	23.10	1.59	24.69	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.12	1.59	25.71	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.89	1.59	25.48	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.18	1.59	25.77	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	23.30	1.59	24.89	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	24.31	1.59	25.9	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.96	1.59	25.55	33	PASS

Band2	3MHz	16QAM	18615	1RB#0	22.99	1.59	24.58	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.98	1.59	23.57	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.28	1.59	24.87	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.12	1.59	24.71	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.22	1.59	24.81	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.17	1.59	23.76	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.36	1.59	24.95	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.11	1.59	24.7	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.32	1.59	24.91	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.28	1.59	23.87	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.32	1.59	24.91	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.96	1.59	24.55	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.12	1.59	25.71	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	23.07	1.59	24.66	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	24.15	1.59	25.74	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	24.15	1.59	25.74	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.23	1.59	25.82	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.16	1.59	24.75	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	24.16	1.59	25.75	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	24.08	1.59	25.67	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.44	1.59	26.03	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	23.47	1.59	25.06	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	24.32	1.59	25.91	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	24.06	1.59	25.65	33	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.82	1.59	24.41	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.03	1.59	23.62	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.86	1.59	24.45	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.89	1.59	24.48	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.97	1.59	24.56	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.22	1.59	23.81	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.94	1.59	24.53	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.86	1.59	24.45	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.61	1.59	25.2	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.39	1.59	23.98	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.52	1.59	25.11	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.47	1.59	25.06	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.93	1.59	25.52	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.97	1.59	24.56	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.99	1.59	25.58	33	PASS
Band2	10MHz	QPSK	18650	25RB#25	23.03	1.59	24.62	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	24.02	1.59	25.61	33	PASS

Band2	10MHz	QPSK	18900	1RB#0	24.15	1.59	25.74	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.27	1.59	24.86	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.13	1.59	25.72	33	PASS
Band2	10MHz	QPSK	18900	25RB#25	23.27	1.59	24.86	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.23	1.59	25.82	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.16	1.59	25.75	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.26	1.59	24.85	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	24.30	1.59	25.89	33	PASS
Band2	10MHz	QPSK	19150	25RB#25	23.26	1.59	24.85	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.03	1.59	25.62	33	PASS
Band2	10MHz	16QAM	18650	27RB#0	22.18	1.59	23.77	33	PASS
Band2	10MHz	16QAM	18900	27RB#0	22.46	1.59	24.05	33	PASS
Band2	10MHz	16QAM	19150	27RB#0	22.47	1.59	24.06	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.05	1.59	24.64	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.25	1.59	24.84	33	PASS
Band2	10MHz	16QAM	18650	25RB#25	22.15	1.59	23.74	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.18	1.59	24.77	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.36	1.59	24.95	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.48	1.59	25.07	33	PASS
Band2	10MHz	16QAM	18900	25RB#25	22.43	1.59	24.02	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.39	1.59	24.98	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.06	1.59	24.65	33	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.25	1.59	24.84	33	PASS
Band2	10MHz	16QAM	19150	25RB#25	22.24	1.59	23.83	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.96	1.59	24.55	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.98	1.59	25.57	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	23.04	1.59	24.63	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	24.03	1.59	25.62	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	24.19	1.59	25.78	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.09	1.59	25.68	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	23.27	1.59	24.86	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	24.37	1.59	25.96	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.29	1.59	25.88	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.16	1.59	25.75	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	23.25	1.59	24.84	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	24.32	1.59	25.91	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.09	1.59	25.68	33	PASS
Band2	15MHz	16QAM	18675	27RB#0	22.24	1.59	23.83	33	PASS
Band2	15MHz	16QAM	18900	27RB#0	22.47	1.59	24.06	33	PASS
Band2	15MHz	16QAM	19125	27RB#0	22.27	1.59	23.86	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.11	1.59	24.7	33	PASS

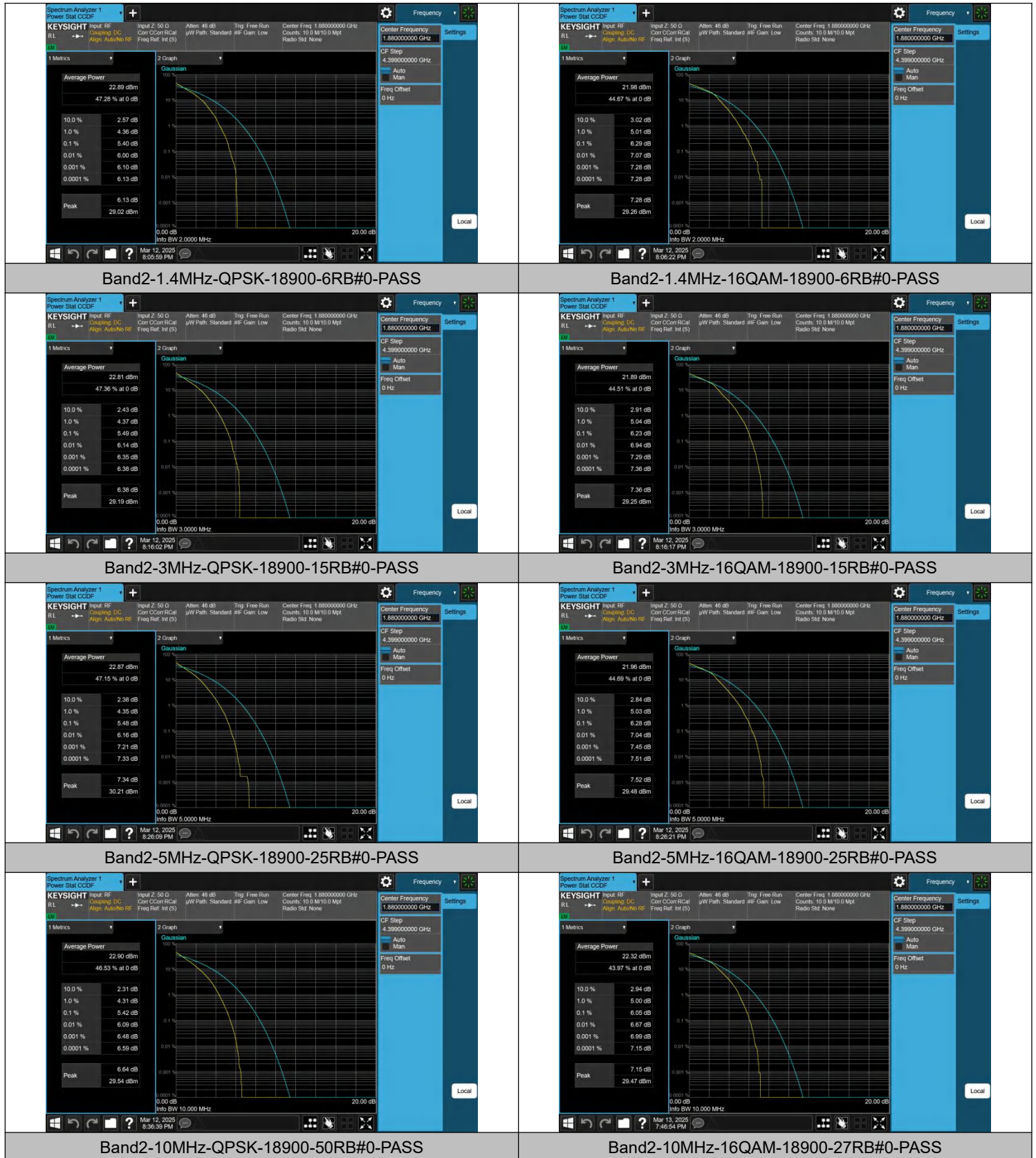
Band2	15MHz	16QAM	18675	1RB#38	23.30	1.59	24.89	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.34	1.59	24.93	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.31	1.59	24.9	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.56	1.59	25.15	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.44	1.59	25.03	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.16	1.59	24.75	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.28	1.59	24.87	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.05	1.59	24.64	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.91	1.59	25.5	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	23.12	1.59	24.71	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	24.06	1.59	25.65	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	24.00	1.59	25.59	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	24.11	1.59	25.7	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	23.28	1.59	24.87	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	24.31	1.59	25.9	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	24.11	1.59	25.7	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	24.04	1.59	25.63	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	23.18	1.59	24.77	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	24.18	1.59	25.77	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.95	1.59	25.54	33	PASS
Band2	20MHz	16QAM	18700	27RB#0	22.17	1.59	23.76	33	PASS
Band2	20MHz	16QAM	18900	27RB#0	22.43	1.59	24.02	33	PASS
Band2	20MHz	16QAM	19100	27RB#0	22.18	1.59	23.77	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.88	1.59	24.47	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.05	1.59	24.64	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.12	1.59	24.71	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.14	1.59	24.73	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.31	1.59	24.9	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.18	1.59	24.77	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.37	1.59	24.96	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.47	1.59	25.06	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.39	1.59	24.98	33	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	5.40	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.29	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.49	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.23	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.48	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.28	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18900	27RB#0	6.05	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	18900	27RB#0	6.03	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.46	13	PASS
Band2	20MHz	16QAM	18900	27RB#0	6.06	13	PASS

Test Graphs





Band2-15MHz-QPSK-18900-75RB#0-PASS



Band2-15MHz-16QAM-18900-27RB#0-PASS



Band2-20MHz-QPSK-18900-100RB#0-PASS



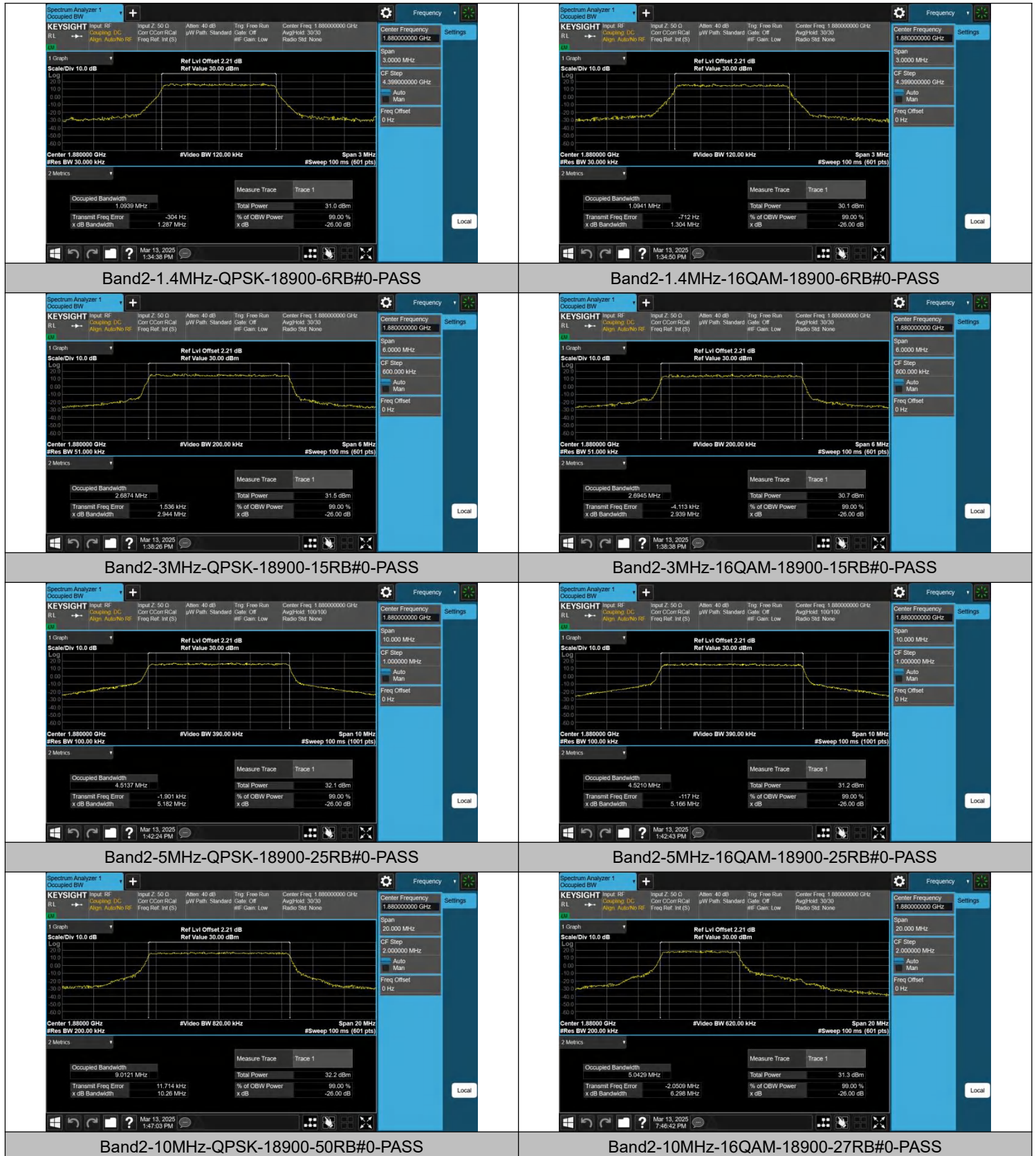
Band2-20MHz-16QAM-18900-27RB#0-PASS

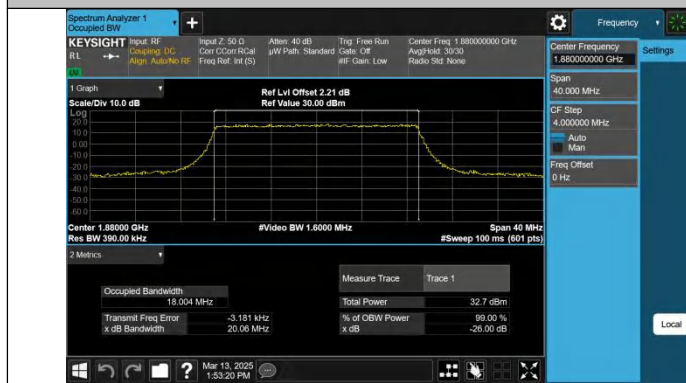
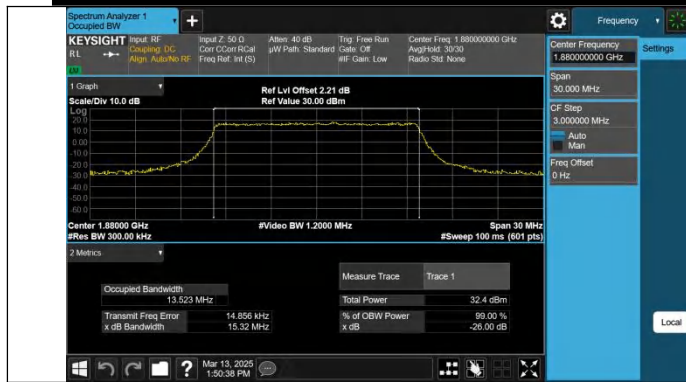
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	1.0939	1.287	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0941	1.304	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6874	2.944	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6945	2.939	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5137	5.182	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5210	5.166	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0121	10.26	PASS
Band2	10MHz	16QAM	18900	27RB#0	5.0429	6.298	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.523	15.32	PASS
Band2	15MHz	16QAM	18900	27RB#0	5.1974	7.001	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.004	20.06	PASS
Band2	20MHz	16QAM	18900	27RB#0	5.3811	7.218	PASS

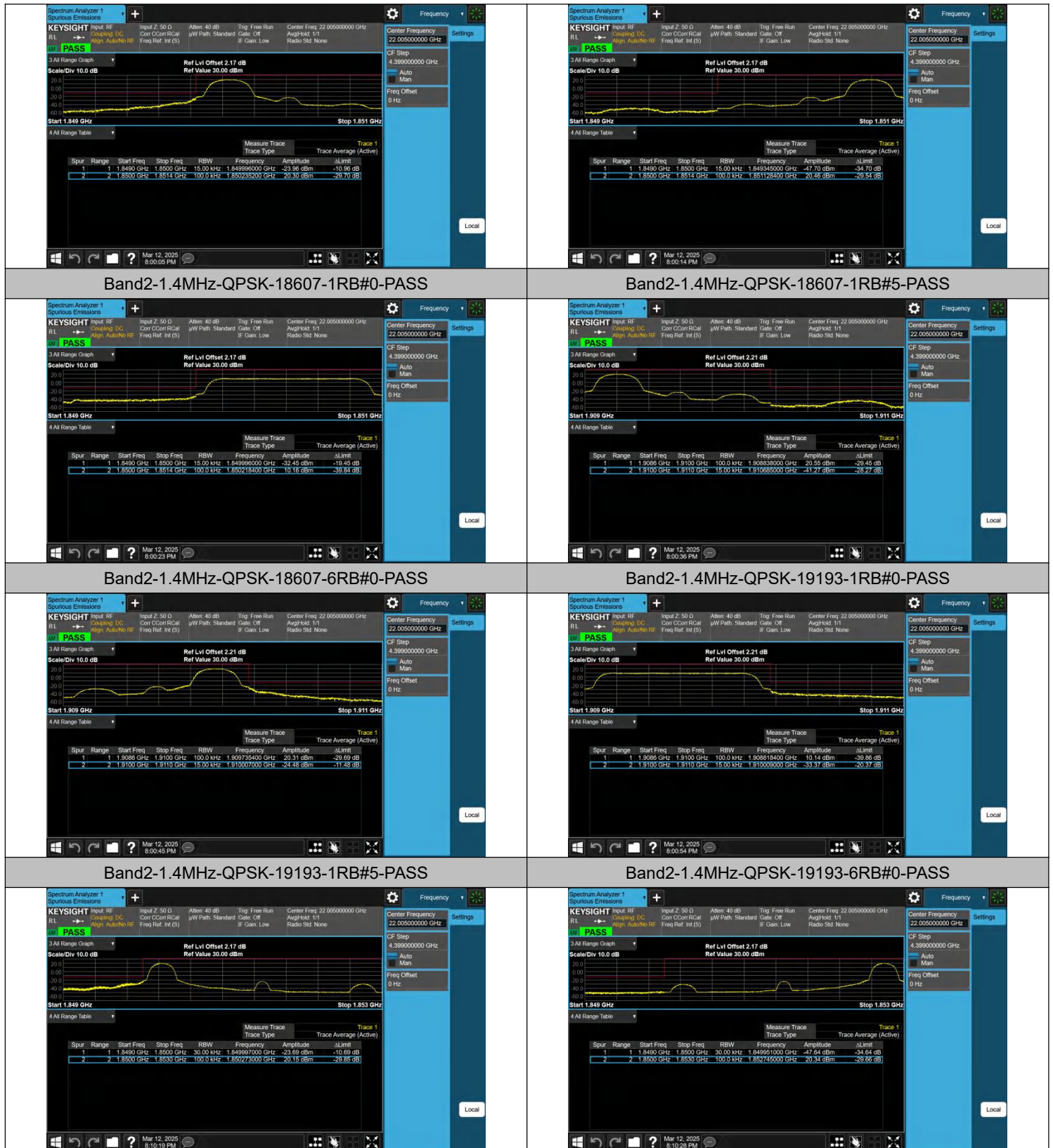
Test Graphs



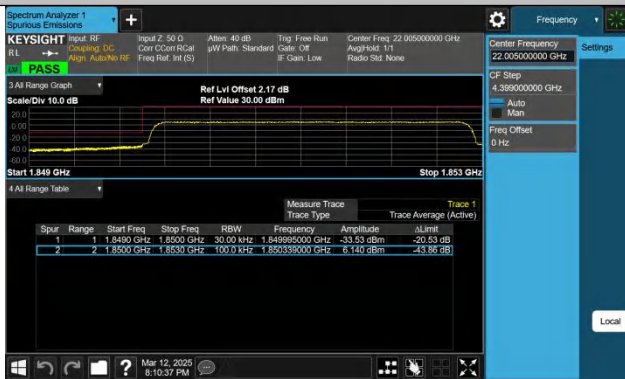


Band Edge

Test Graphs



Band2-3MHz-QPSK-18615-1RB#0-PASS



Band2-3MHz-QPSK-18615-1RB#14-PASS



Band2-3MHz-QPSK-18615-15RB#0-PASS



Band2-3MHz-QPSK-19185-1RB#0-PASS



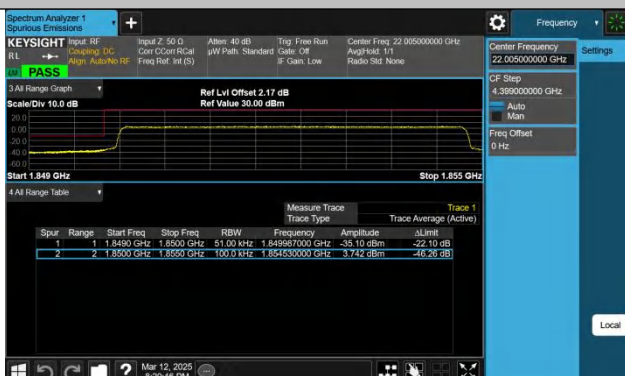
Band2-3MHz-QPSK-19185-1RB#14-PASS



Band2-3MHz-QPSK-19185-15RB#0-PASS



Band2-5MHz-QPSK-18625-1RB#0-PASS

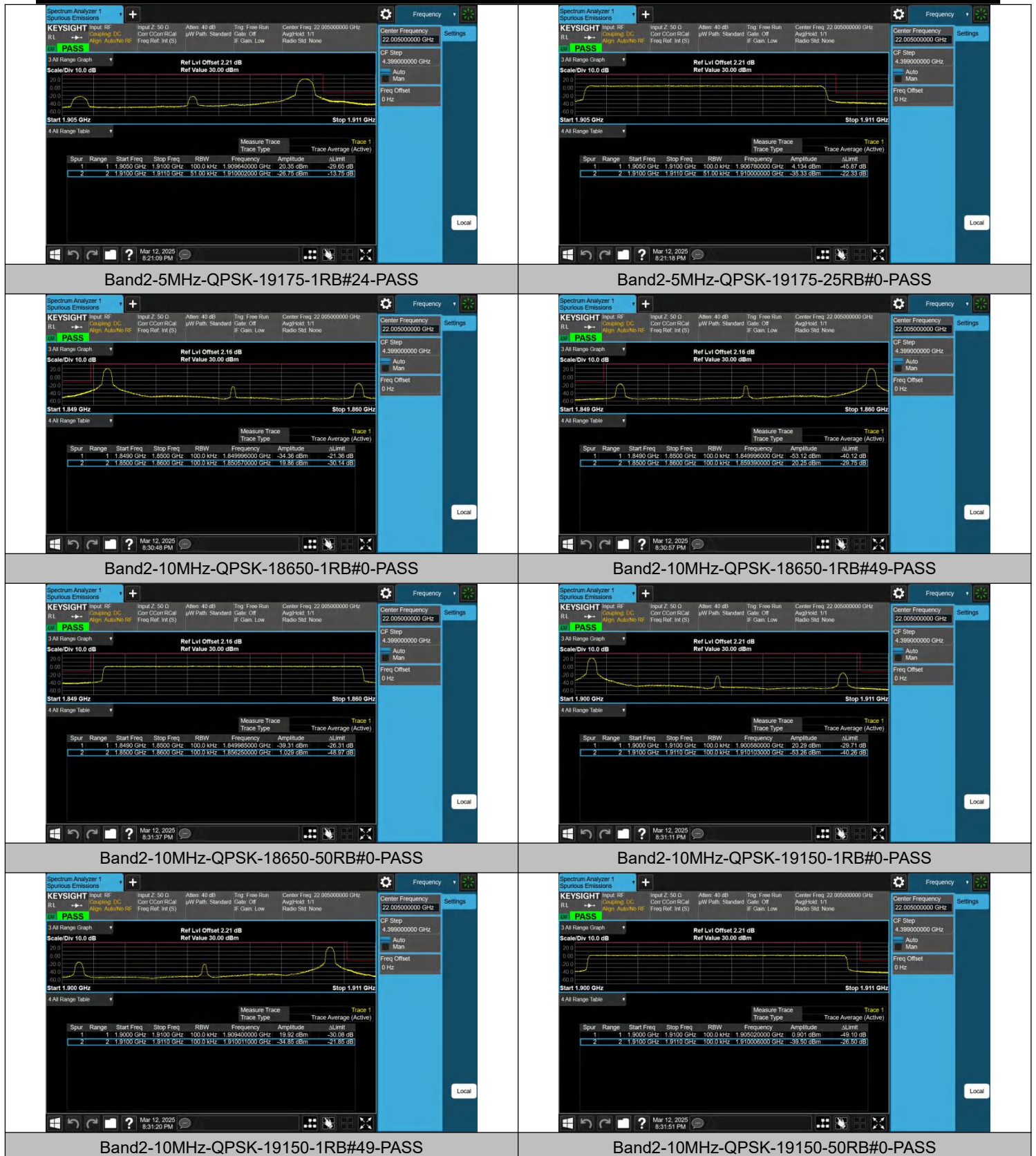


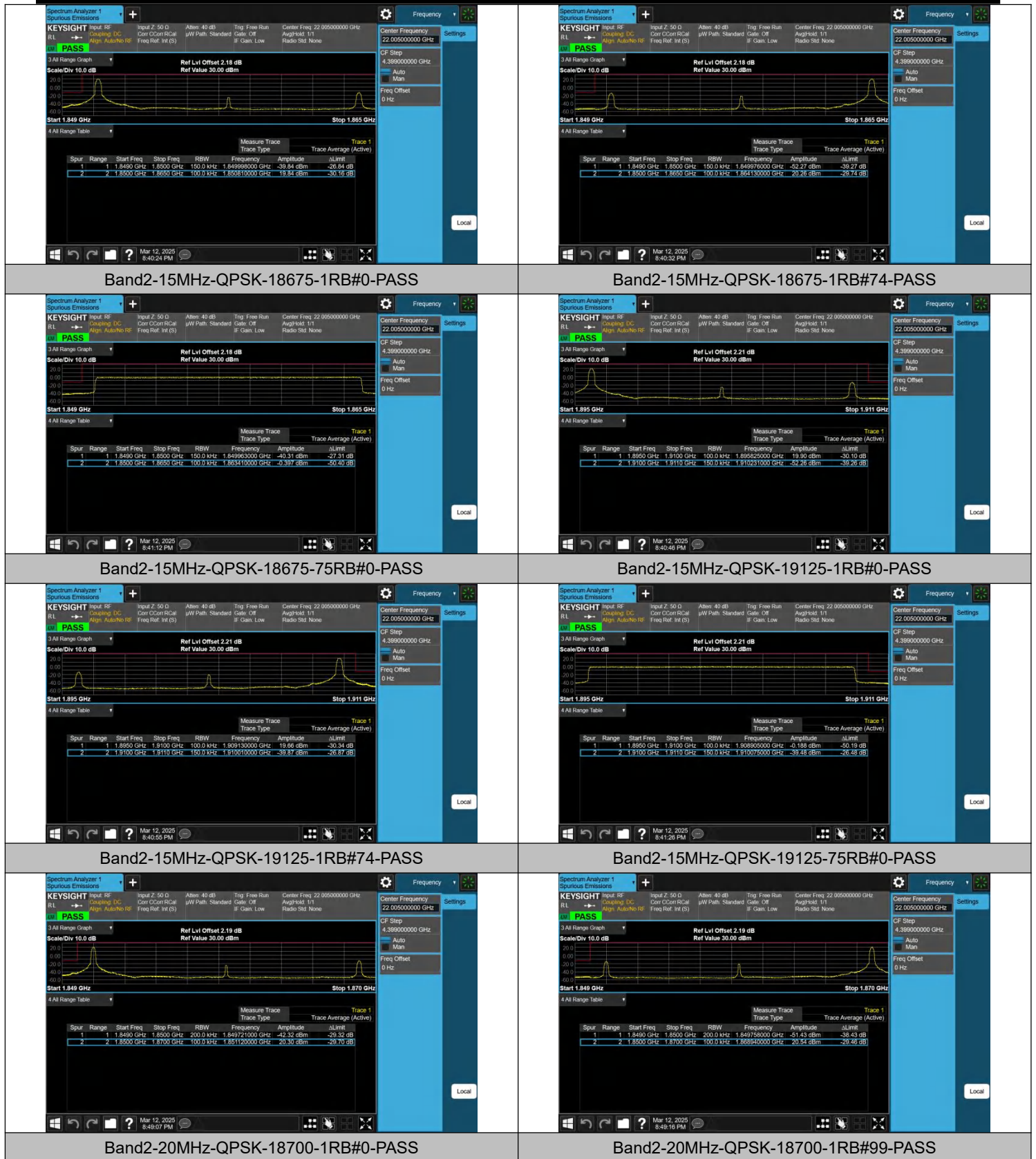
Band2-5MHz-QPSK-18625-1RB#24-PASS

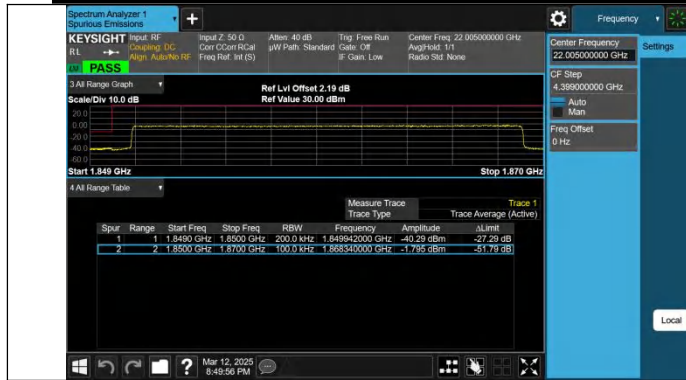


Band2-5MHz-QPSK-18625-25RB#0-PASS

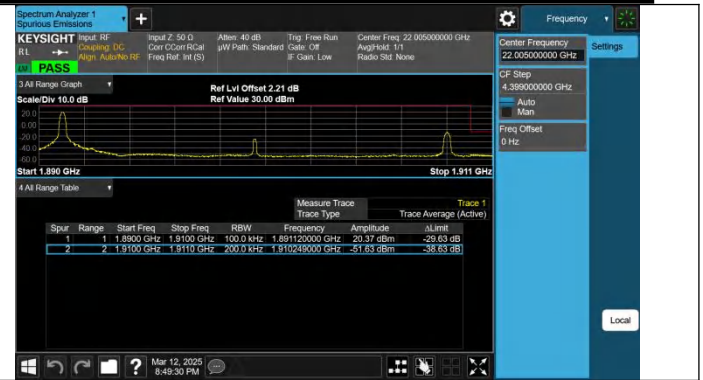
Band2-5MHz-QPSK-19175-1RB#0-PASS



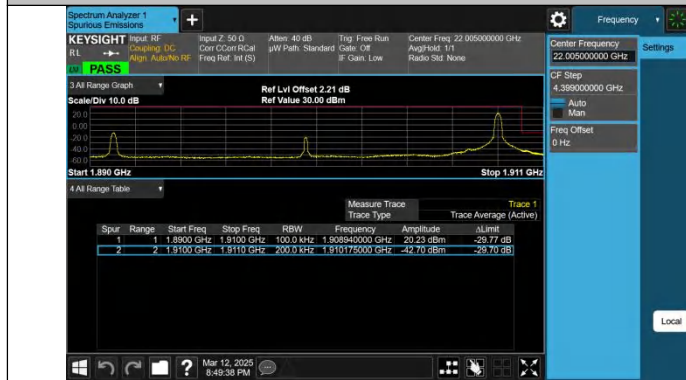




Band2-20MHz-QPSK-18700-100RB#0-PASS



Band2-20MHz-QPSK-19100-1RB#0-PASS



Band2-20MHz-QPSK-19100-1RB#99-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS

Conducted Spurious Emission

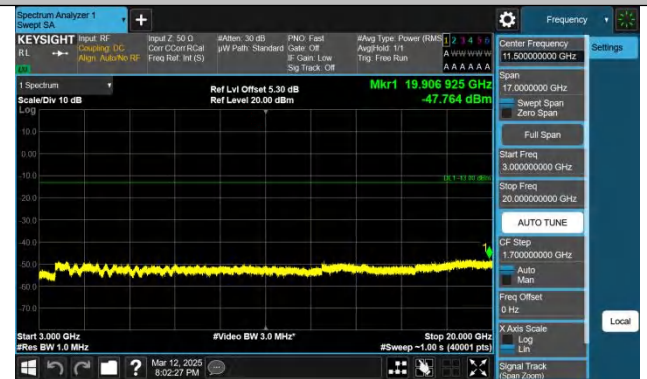
Test Graphs



Band2-1.4MHz-QPSK-18607-1RB#5-0.15~30-PASS



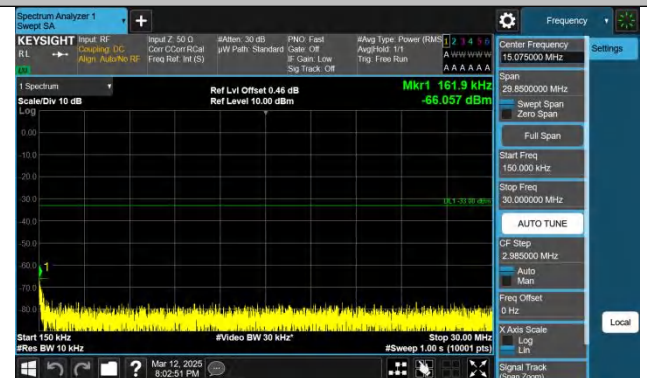
Band2-1.4MHz-QPSK-18607-1RB#5-30~1000-PASS



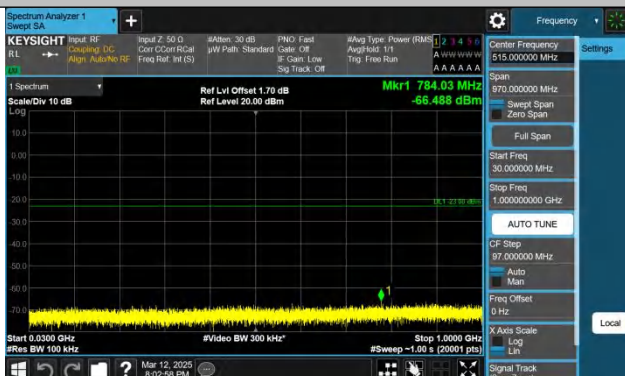
Band2-1.4MHz-QPSK-18607-1RB#5-1000~3000-PASS



Band2-1.4MHz-QPSK-18607-1RB#5-3000~20000-PASS



Band2-1.4MHz-QPSK-18900-1RB#0-0.009~0.15-PASS



Band2-1.4MHz-QPSK-18900-1RB#0-0.15~30-PASS



Band2-1.4MHz-QPSK-18900-1RB#0-30~1000-PASS

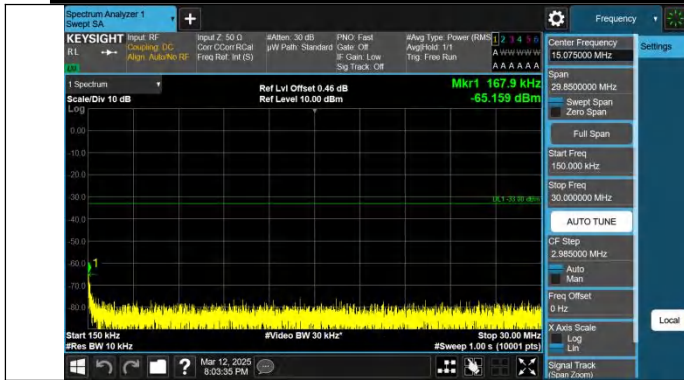


Band2-1.4MHz-QPSK-18900-1RB#0-1000~3000-PASS

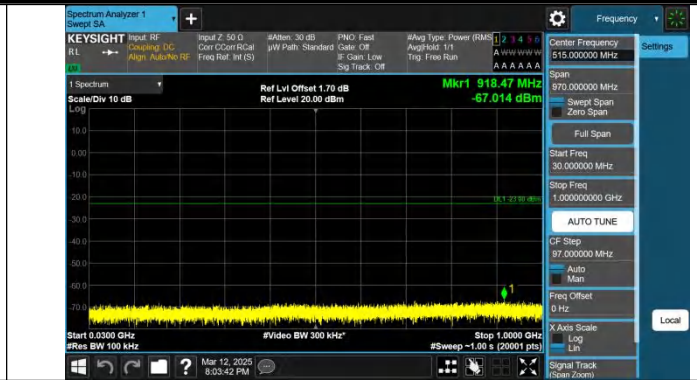


Band2-1.4MHz-QPSK-18900-1RB#0-3000~20000-PASS

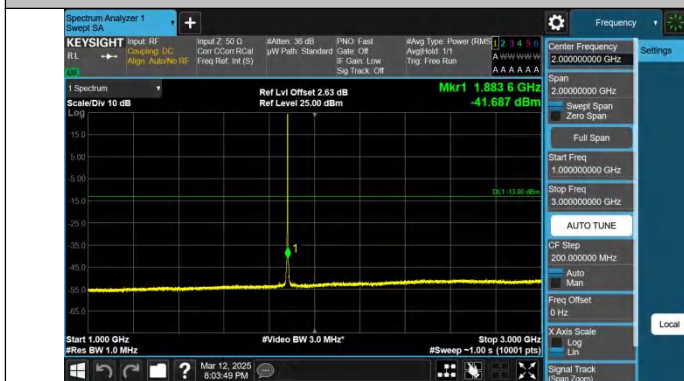
Band2-1.4MHz-QPSK-18900-1RB#5-0.009~0.15-PASS



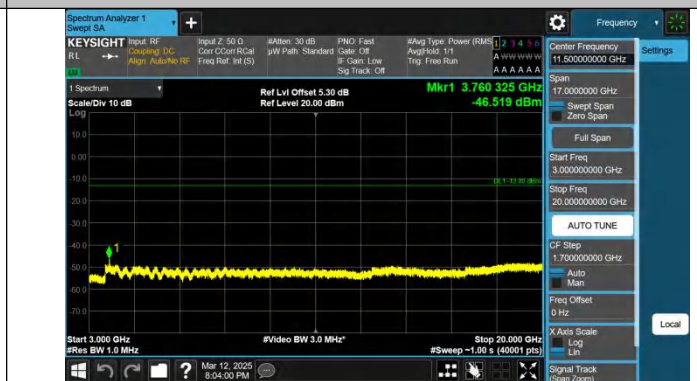
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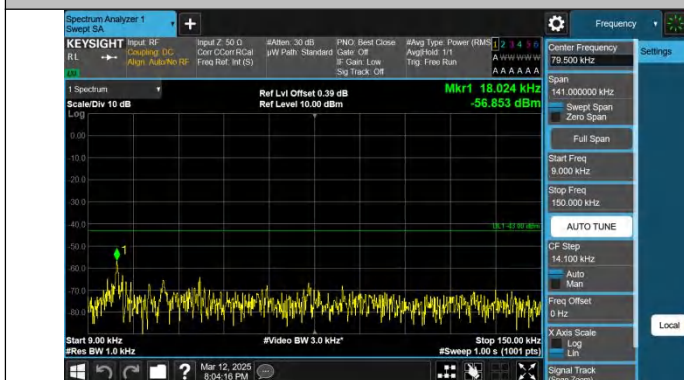
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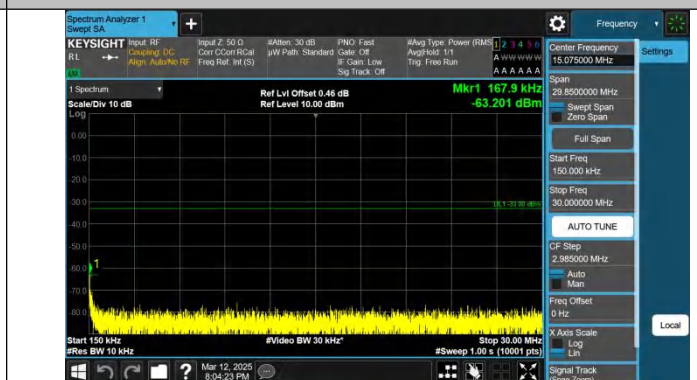
Band2-1.4MHz-QPSK-18900-1RB#5-1000~3000-PASS



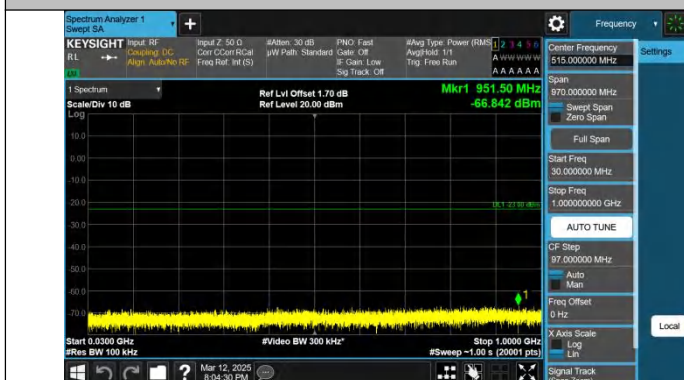
Band2-1.4MHz-QPSK-18900-1RB#5-3000~20000-PASS



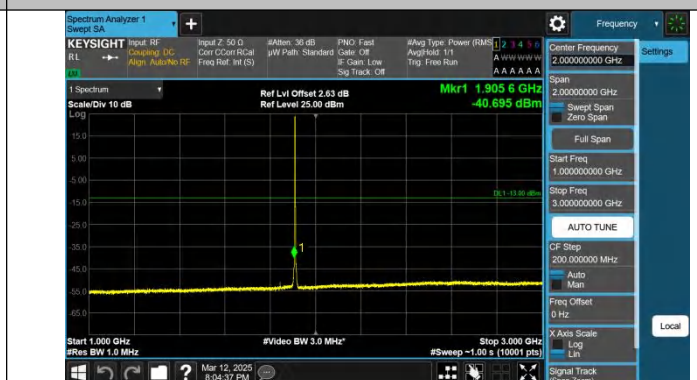
Band2-1.4MHz-QPSK-19193-1RB#0-0.009~0.15-PASS



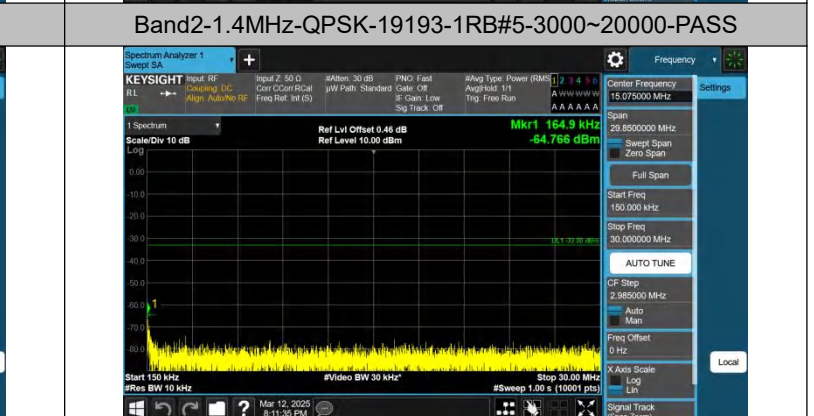
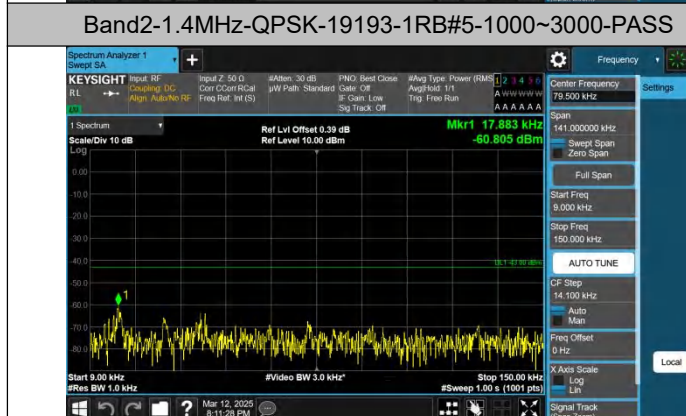
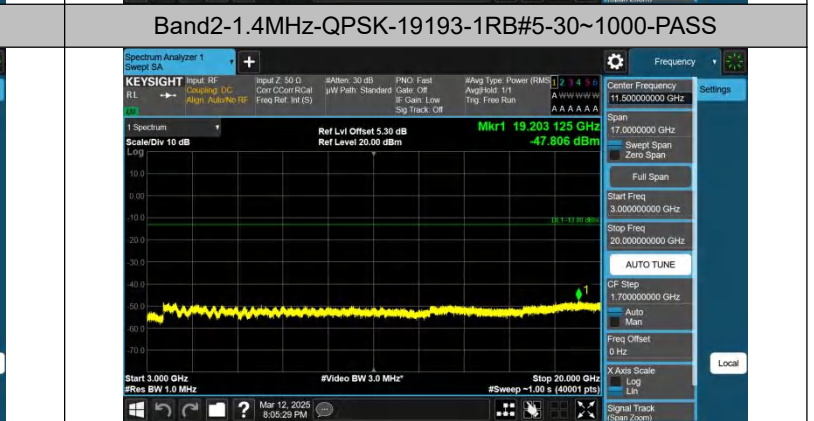
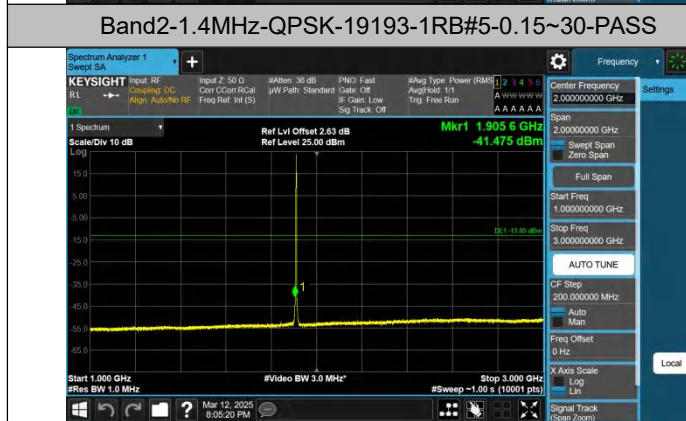
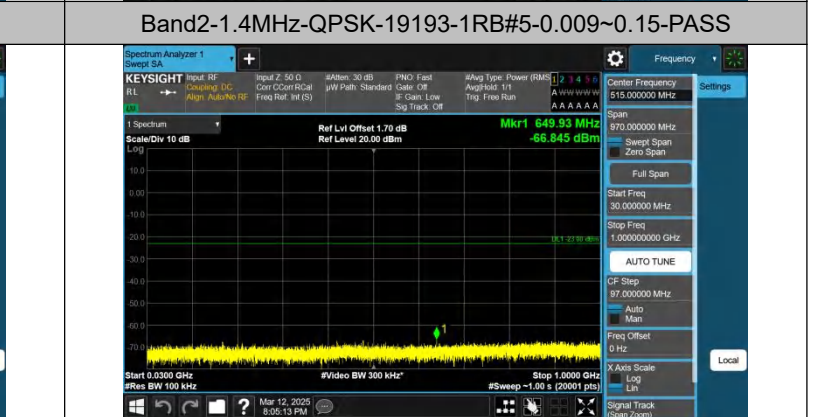
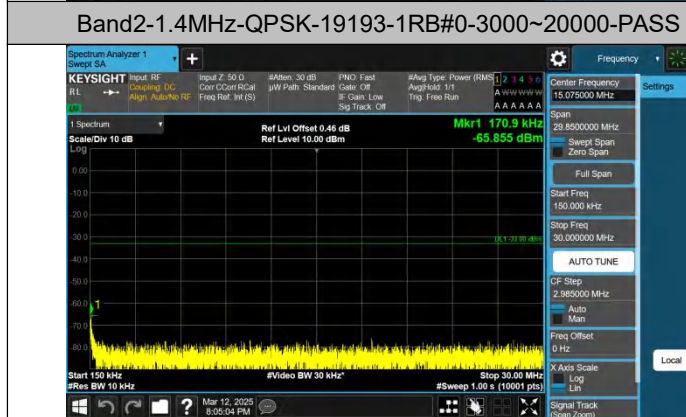
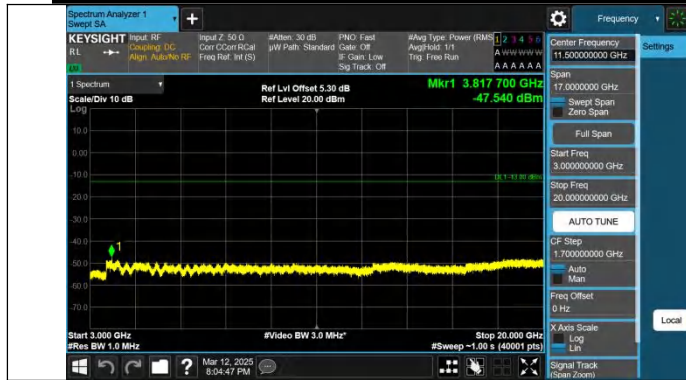
Band2-1.4MHz-QPSK-19193-1RB#0-0.15~30-PASS

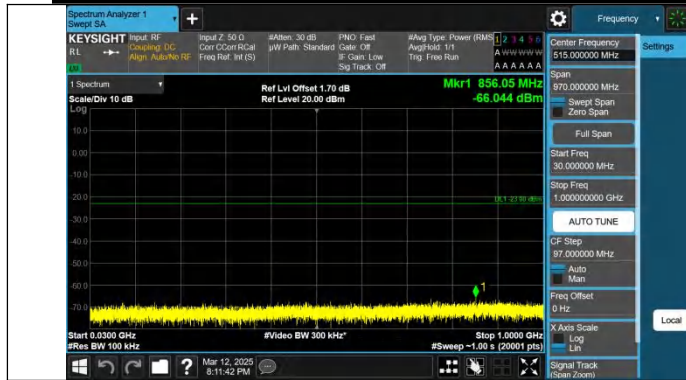


Band2-1.4MHz-QPSK-19193-1RB#0-30~1000-PASS



Band2-1.4MHz-QPSK-19193-1RB#0-1000~3000-PASS





Band2-3MHz-QPSK-18615-1RB#0-30~1000-PASS



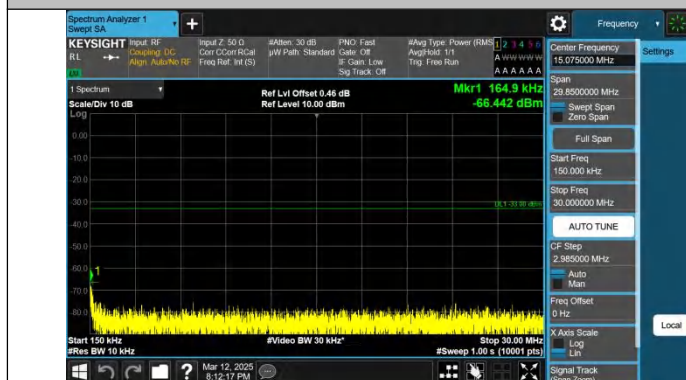
Band2-3MHz-QPSK-18615-1RB#0-1000~3000-PASS



Band2-3MHz-QPSK-18615-1RB#0-3000~20000-PASS



Band2-3MHz-QPSK-18615-1RB#14-0.009~0.15-PASS



Band2-3MHz-QPSK-18615-1RB#14-0.15~30-PASS



Band2-3MHz-QPSK-18615-1RB#14-30~1000-PASS



Band2-3MHz-QPSK-18615-1RB#14-1000~3000-PASS



Band2-3MHz-QPSK-18615-1RB#14-3000~20000-PASS