

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
Band4	1.4MHz	QPSK	19957	1RB#0	24.04	2	26.04	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.3	2	26.3	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.84	2	25.84	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.2	2	24.2	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.44	2	25.44	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.4	2	25.4	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.9	2	24.9	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.91	2	23.91	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.24	2	26.24	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.19	2	26.19	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.72	2	25.72	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.06	2	24.06	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.96	2	24.96	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.79	2	24.79	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.92	2	24.92	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.07	2	23.07	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.3	2	24.3	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.62	2	24.62	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.76	2	23.76	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.78	2	22.78	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.14	2	25.14	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.16	2	25.16	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.72	2	24.72	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.05	2	23.05	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.76	2	25.76	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.29	2	26.29	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.59	2	25.59	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.39	2	24.39	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.93	2	25.93	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.31	2	25.31	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.25	2	25.25	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.98	2	23.98	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.62	2	25.62	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.12	2	26.12	30	PASS

Band4	3MHz	QPSK	20385	1RB#14	23.67	2	25.67	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.2	2	24.2	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.73	2	24.73	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.82	2	24.82	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.68	2	24.68	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.41	2	23.41	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.57	2	24.57	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.33	2	24.33	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.88	2	23.88	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21	2	23	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.39	2	24.39	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.83	2	24.83	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.45	2	24.45	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.16	2	23.16	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.83	2	25.83	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.79	2	25.79	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.17	2	25.17	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.47	2	24.47	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.96	2	25.96	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.81	2	24.81	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.08	2	25.08	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.96	2	23.96	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.48	2	25.48	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.58	2	25.58	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.73	2	25.73	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.17	2	24.17	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.67	2	24.67	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.24	2	24.24	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.62	2	23.62	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.46	2	23.46	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.5	2	24.5	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.77	2	23.77	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.48	2	23.48	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.96	2	22.96	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.55	2	24.55	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.23	2	24.23	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.79	2	24.79	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.14	2	23.14	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.88	2	25.88	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.13	2	26.13	30	PASS

Band4	10MHz	QPSK	20000	1RB#49	23.54	2	25.54	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.61	2	24.61	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.06	2	26.06	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.16	2	25.16	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22	2	24	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.11	2	24.11	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.66	2	25.66	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.81	2	25.81	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.64	2	25.64	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.27	2	24.27	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.93	2	23.93	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.59	2	23.59	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.65	2	23.65	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.77	2	24.77	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.66	2	24.66	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.29	2	24.29	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.63	2	24.63	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.15	2	24.15	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.13	2	23.13	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.58	2	24.58	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.51	2	24.51	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.39	2	24.39	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	24	2	26	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.03	2	26.03	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.99	2	25.99	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.61	2	24.61	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.81	2	25.81	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.02	2	25.02	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22	2	24	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.04	2	24.04	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.3	2	26.3	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.7	2	25.7	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.6	2	25.6	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.41	2	24.41	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.87	2	23.87	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.87	2	23.87	30	PASS
Band4	15MHz	16QAM	20325	27RB#0	21.83	2	23.83	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.56	2	24.56	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.55	2	24.55	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.7	2	24.7	30	PASS

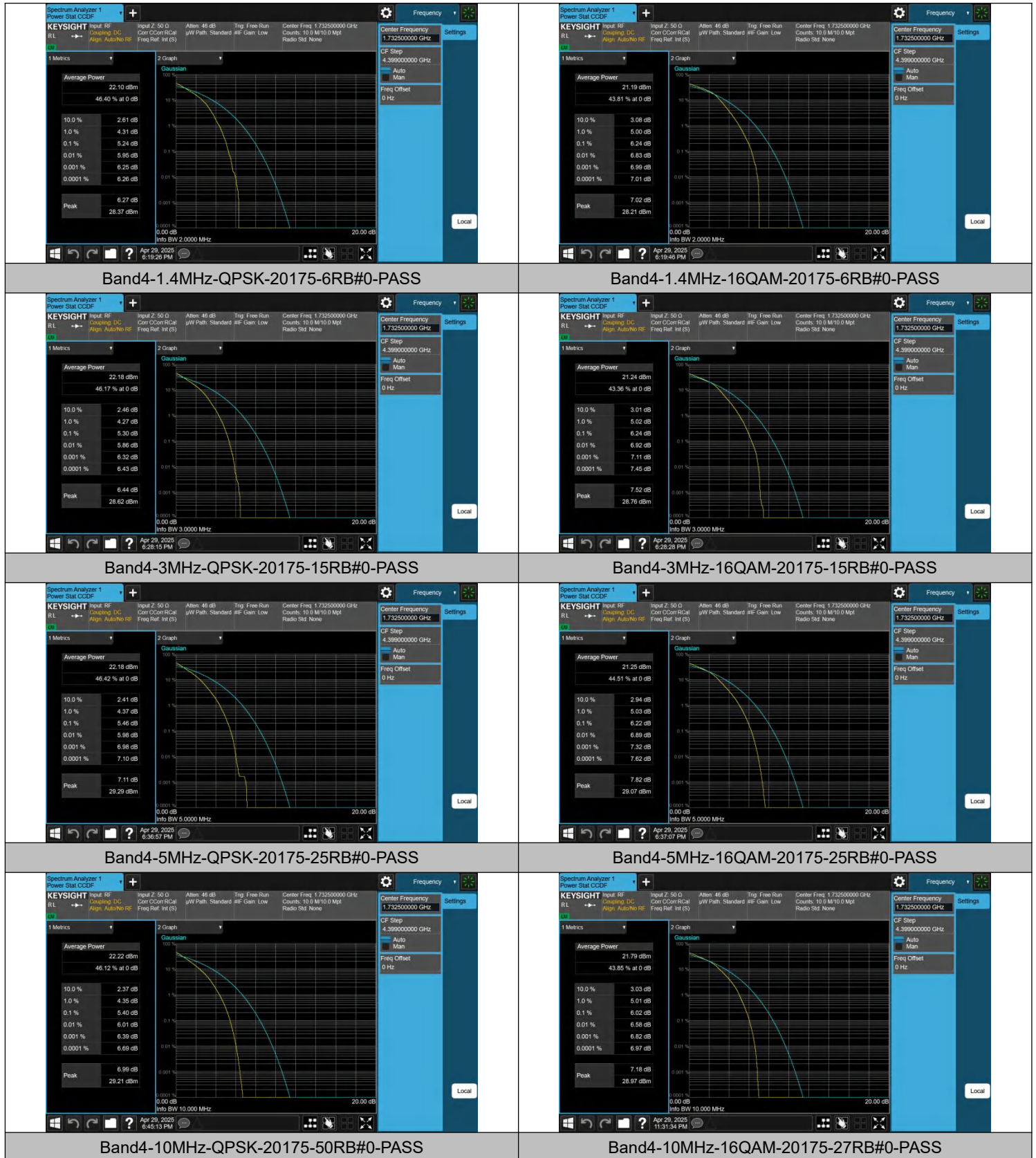
Band4	15MHz	16QAM	20175	1RB#0	22.78	2	24.78	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.02	2	24.02	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.11	2	23.11	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.42	2	25.42	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.22	2	24.22	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.61	2	24.61	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.68	2	25.68	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.75	2	25.75	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.25	2	25.25	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.19	2	24.19	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.3	2	26.3	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.28	2	25.28	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.74	2	23.74	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.82	2	23.82	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.67	2	26.67	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.76	2	25.76	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.82	2	25.82	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.05	2	24.05	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.38	2	23.38	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	22.13	2	24.13	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	22	2	24	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.55	2	24.55	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.74	2	24.74	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.18	2	24.18	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.16	2	25.16	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.15	2	24.15	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.12	2	22.12	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.93	2	25.93	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.3	2	24.3	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.97	2	24.97	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	5.24	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.24	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.30	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.24	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.46	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.22	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.40	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	6.02	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.69	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.91	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.37	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.79	13	PASS

Test Graphs

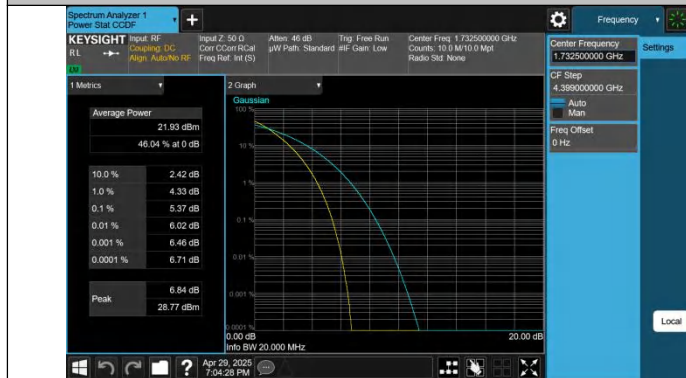




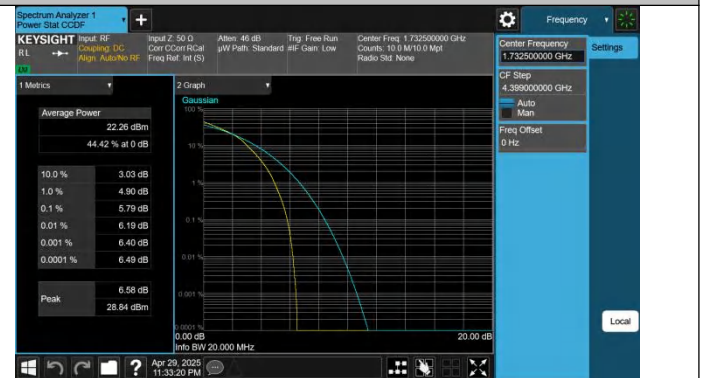
Band4-15MHz-QPSK-20175-75RB#0-PASS



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



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



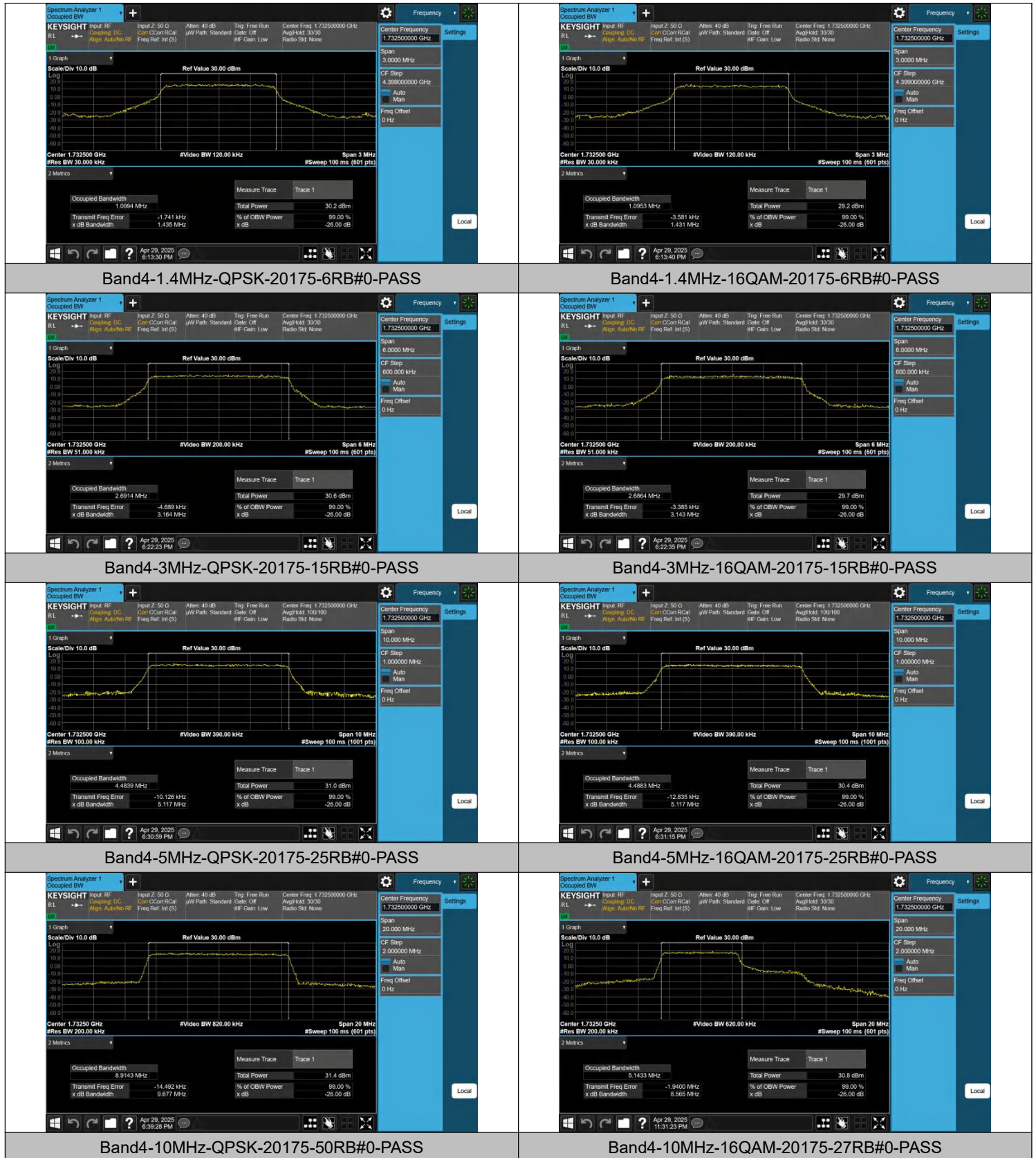
Band4-20MHz-16QAM-20175-27RB#0-PASS

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	1.0994	1.435	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0953	1.431	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6914	3.164	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6864	3.143	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4839	5.117	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4883	5.117	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9143	9.677	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.1433	8.565	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	16.79	PASS
Band4	15MHz	16QAM	20175	27RB#0	6.1752	11.36	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.945	20.68	PASS
Band4	20MHz	16QAM	20175	27RB#0	7.7313	10.66	PASS

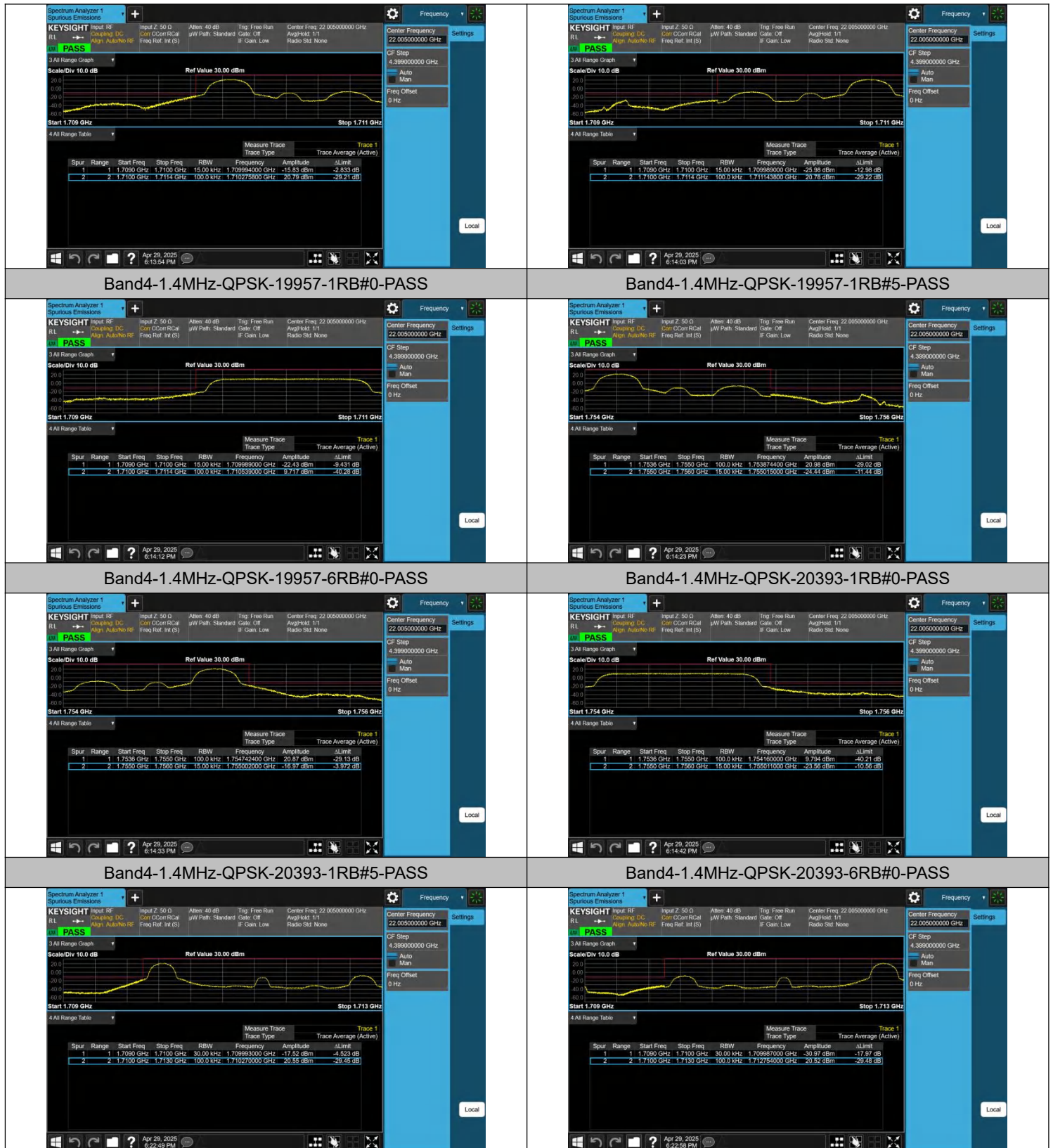
Test Graphs



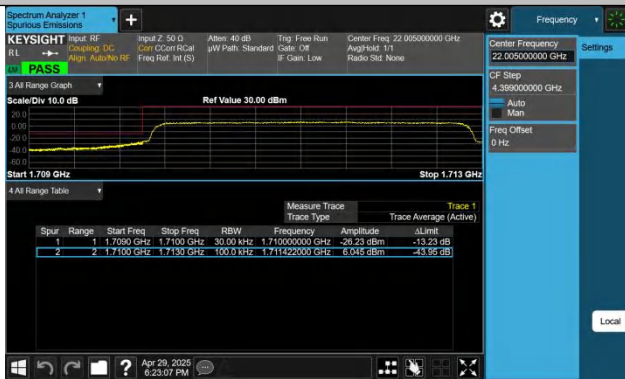


Band Edge

Test Graphs



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



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



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



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



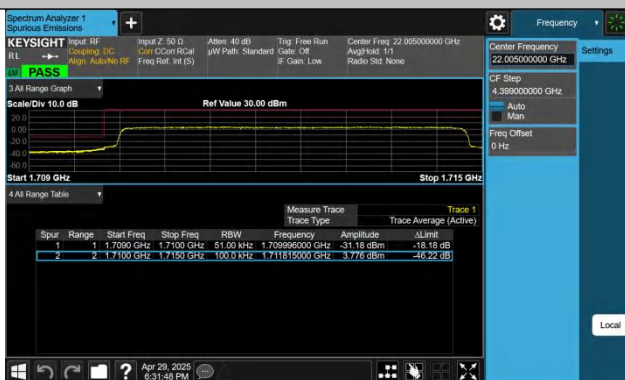
Band4-3MHz-QPSK-20385-1RB#14-PASS



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



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

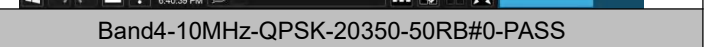
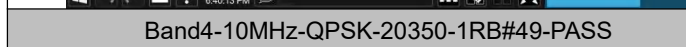
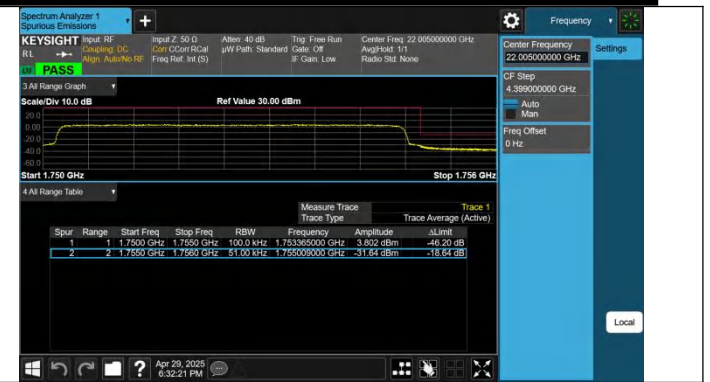


Band4-5MHz-QPSK-19975-1RB#24-PASS



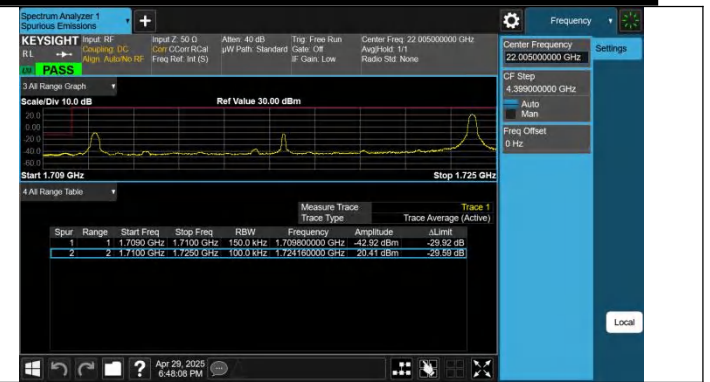
Band4-5MHz-QPSK-19975-25RB#0-PASS

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

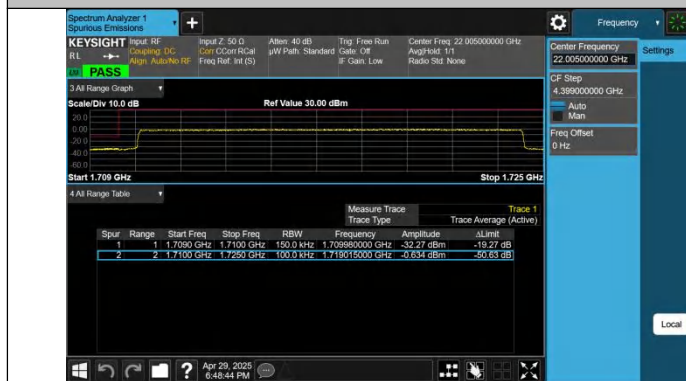




Band4-15MHz-QPSK-20025-1RB#0-PASS



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



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



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



Band4-15MHz-QPSK-20325-1RB#74-PASS



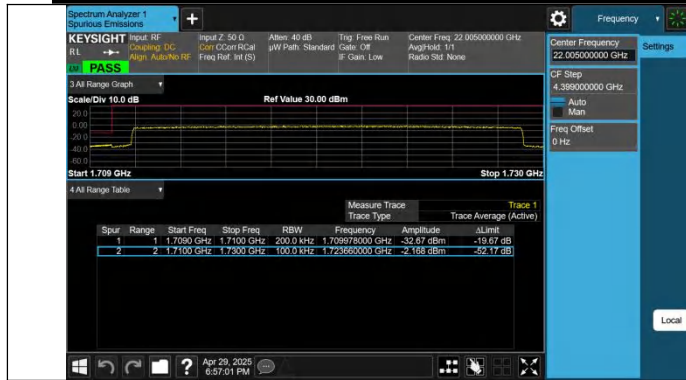
Band4-15MHz-QPSK-20325-75RB#0-PASS



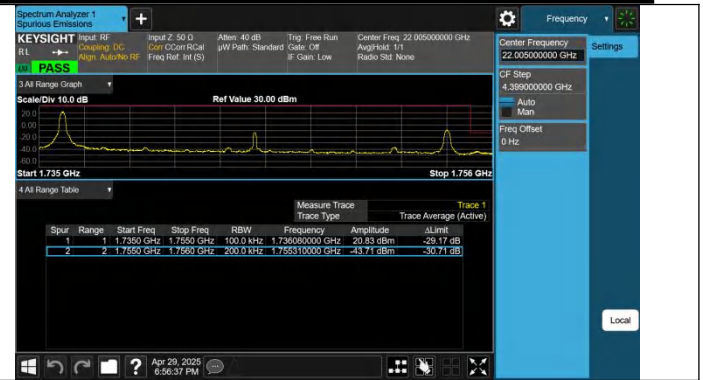
Band4-20MHz-QPSK-20050-1RB#0-PASS



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



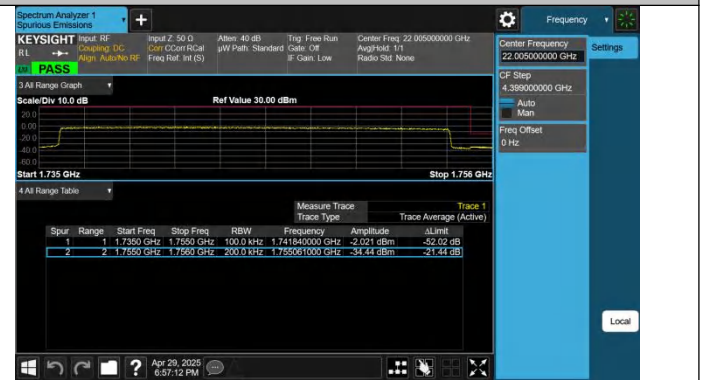
Band4-20MHz-QPSK-20050-100RB#0-PASS



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



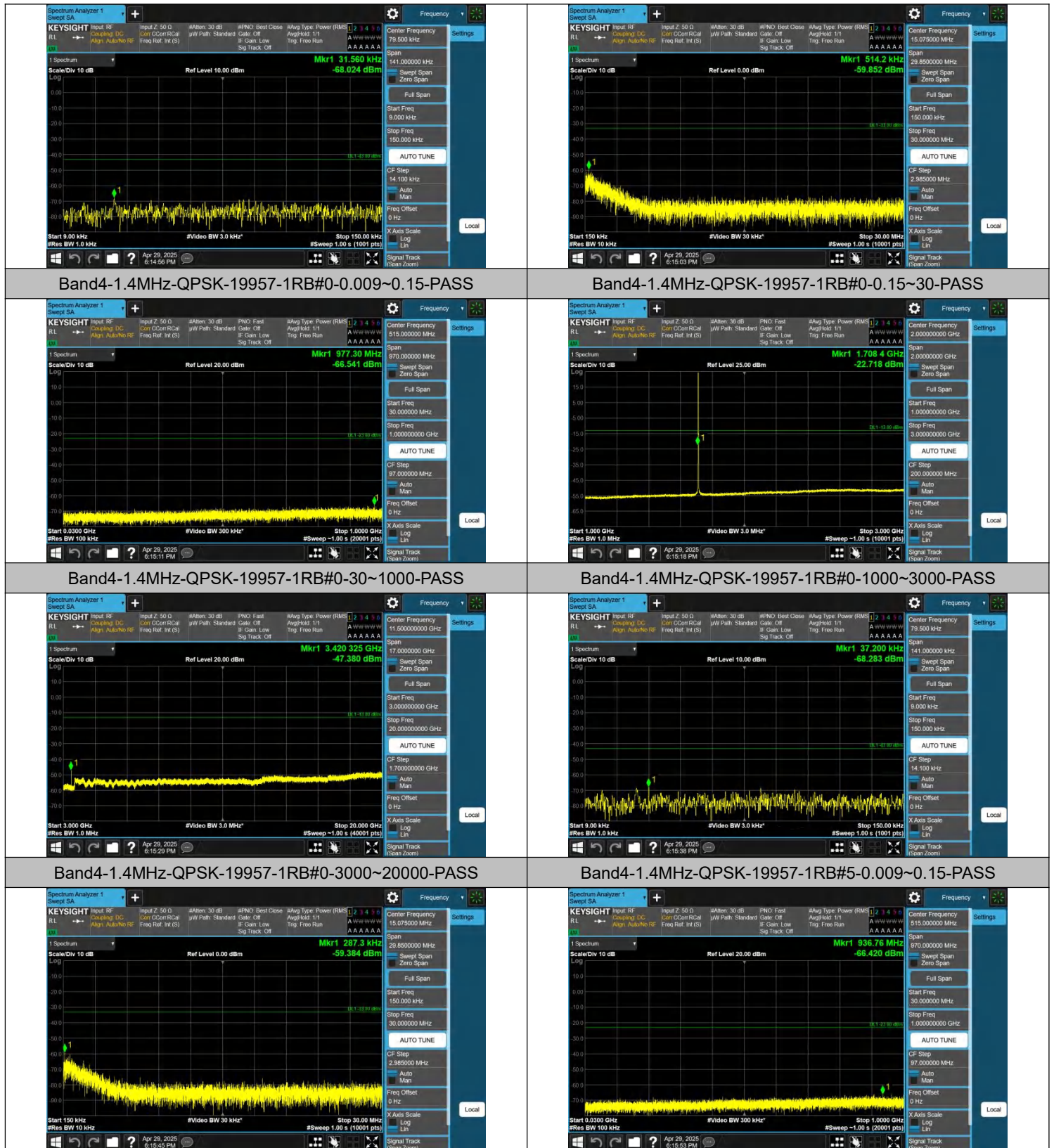
Band4-20MHz-QPSK-20300-1RB#99-PASS



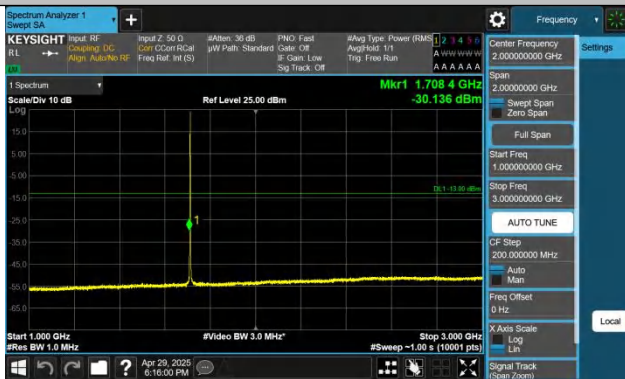
Band4-20MHz-QPSK-20300-100RB#0-PASS

Conducted Spurious Emission

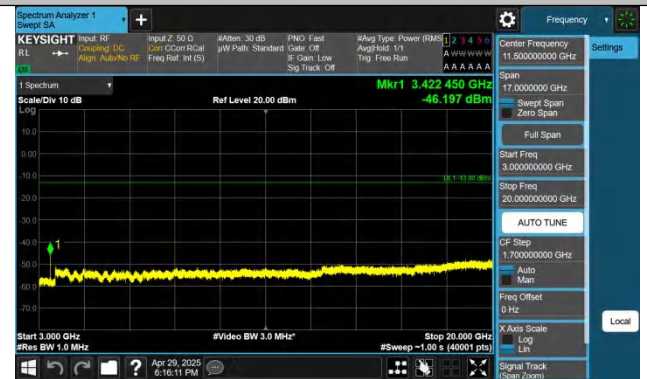
Test Graphs



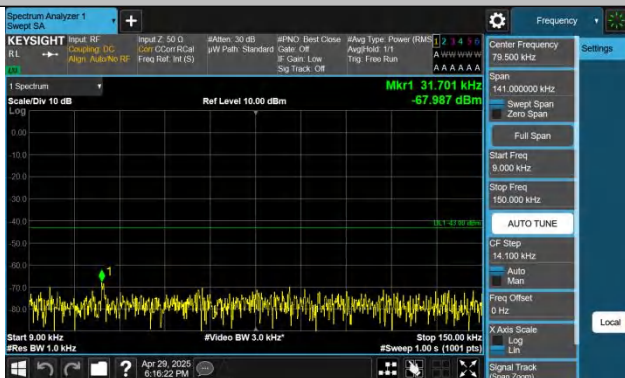
Band4-1.4MHz-QPSK-19957-1RB#5-0.15~30-PASS



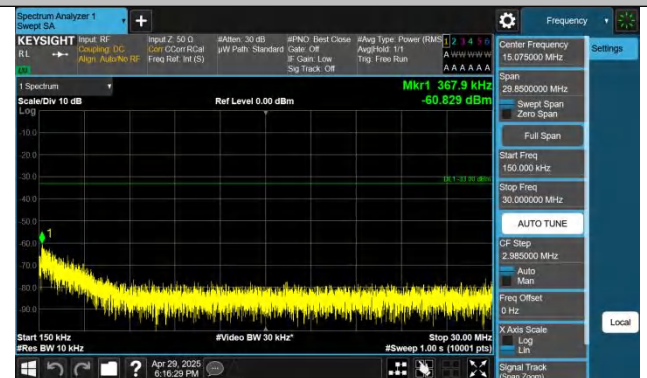
Band4-1.4MHz-QPSK-19957-1RB#5-30~1000-PASS



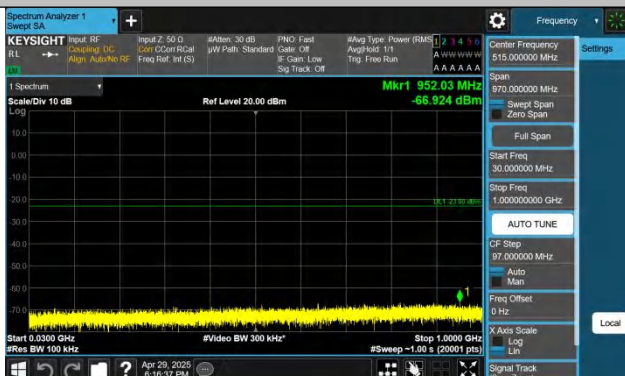
Band4-1.4MHz-QPSK-19957-1RB#5-1000~3000-PASS



Band4-1.4MHz-QPSK-19957-1RB#5-3000~20000-PASS



Band4-1.4MHz-QPSK-20175-1RB#0-0.009~0.15-PASS



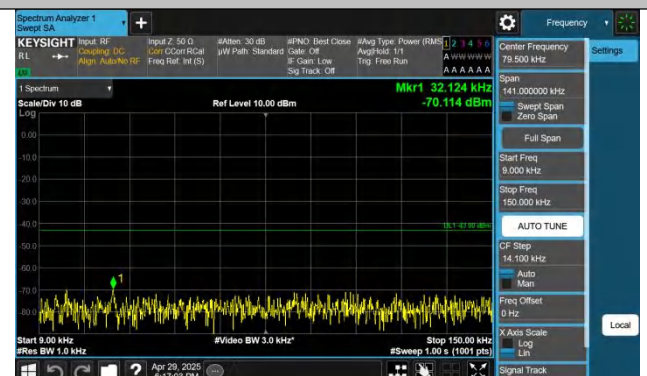
Band4-1.4MHz-QPSK-20175-1RB#0-0.15~30-PASS



Band4-1.4MHz-QPSK-20175-1RB#0-30~1000-PASS



Band4-1.4MHz-QPSK-20175-1RB#0-1000~3000-PASS

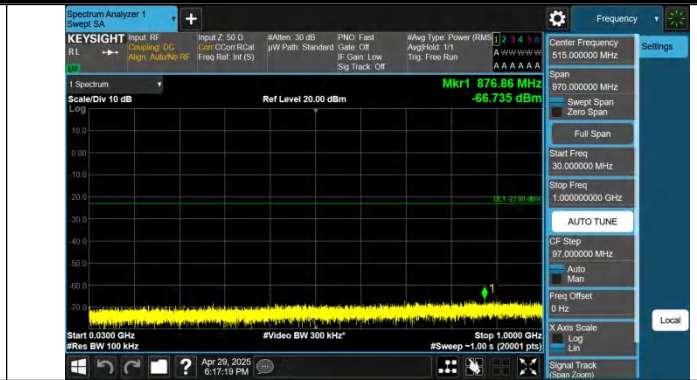


Band4-1.4MHz-QPSK-20175-1RB#0-3000~20000-PASS

Band4-1.4MHz-QPSK-20175-1RB#5-0.009~0.15-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-0.15~30-PASS



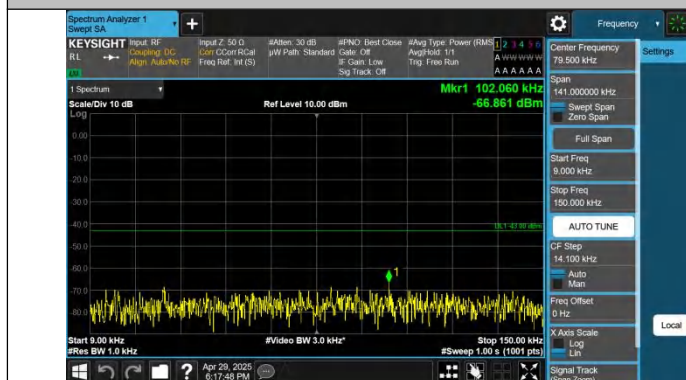
Band4-1.4MHz-QPSK-20175-1RB#5-30~1000-PASS



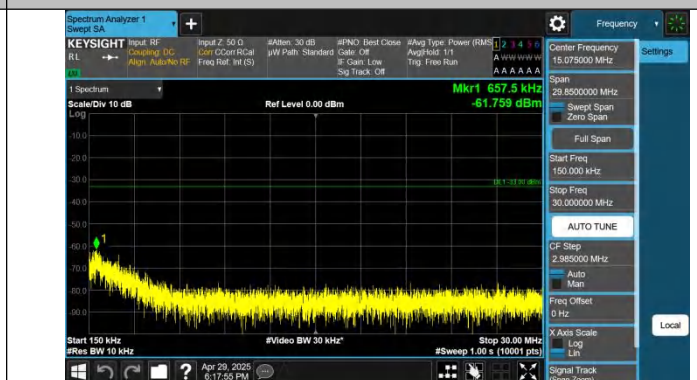
Band4-1.4MHz-QPSK-20175-1RB#5-1000~3000-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-3000~20000-PASS



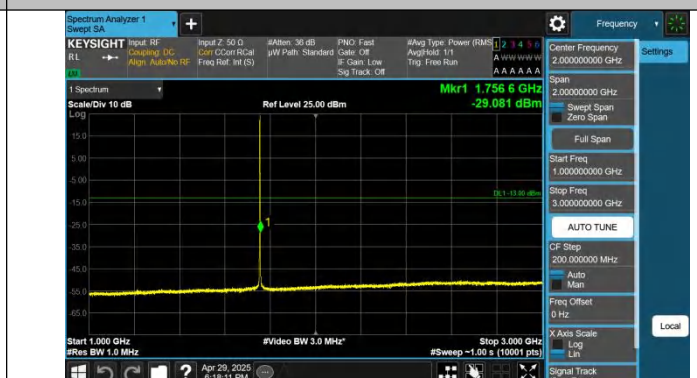
Band4-1.4MHz-QPSK-20393-1RB#0-0.009~0.15-PASS



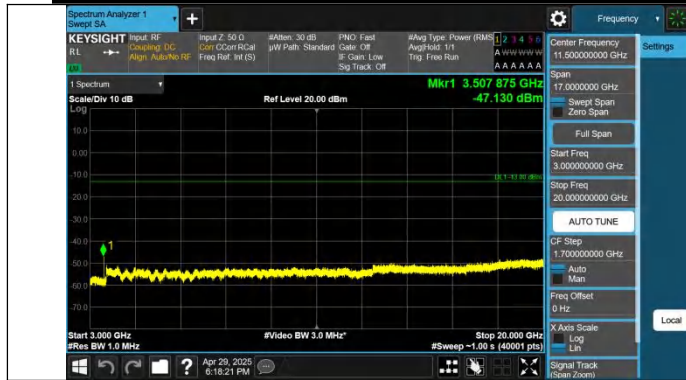
Band4-1.4MHz-QPSK-20393-1RB#0-0.15~30-PASS



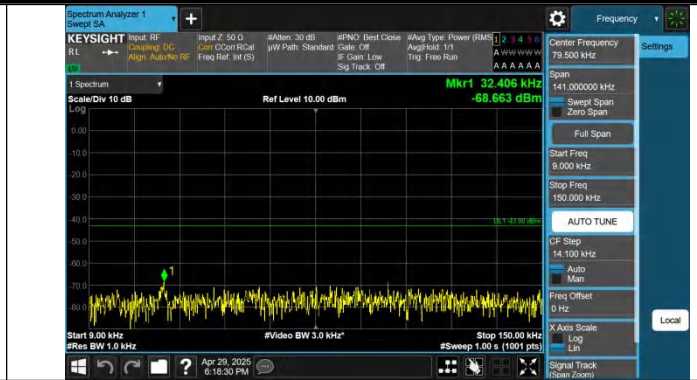
Band4-1.4MHz-QPSK-20393-1RB#0-30~1000-PASS



Band4-1.4MHz-QPSK-20393-1RB#0-1000~3000-PASS



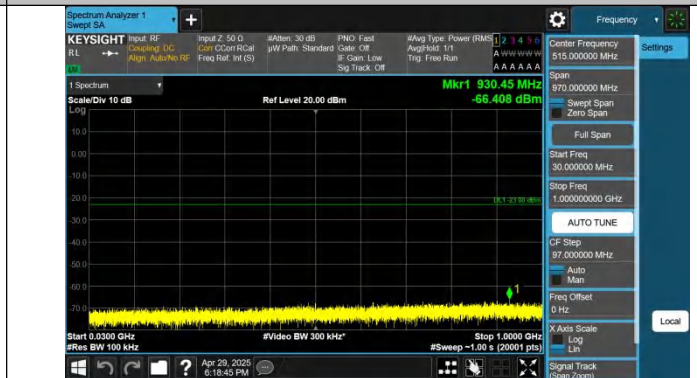
Band4-1.4MHz-QPSK-20393-1RB#0-3000~20000-PASS



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



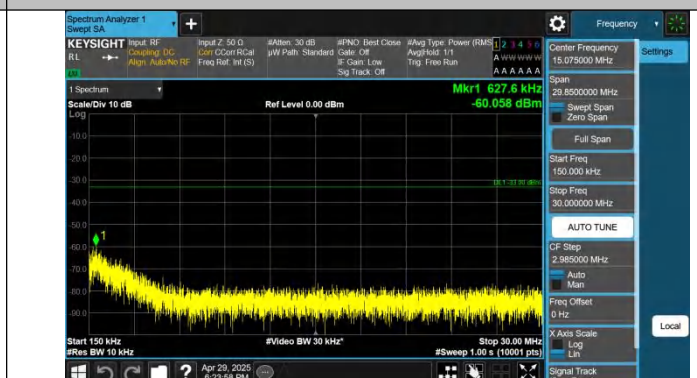
Band4-1.4MHz-QPSK-20393-1RB#5-1000~3000-PASS



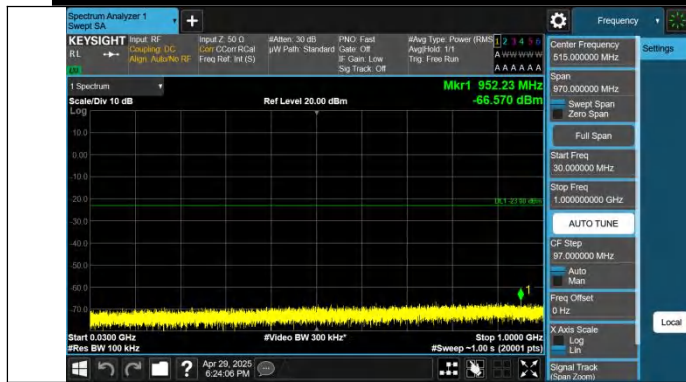
Band4-1.4MHz-QPSK-20393-1RB#5-3000~20000-PASS



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



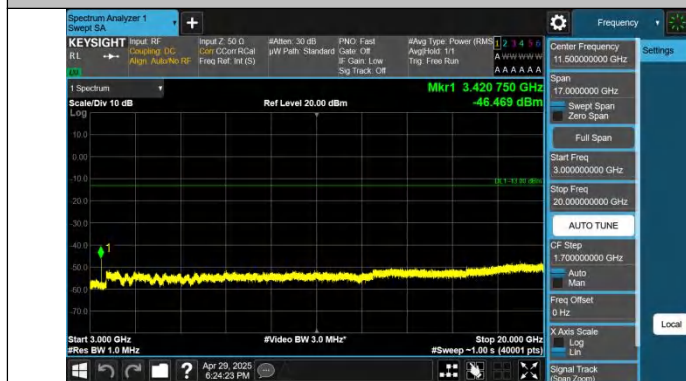
Band4-3MHz-QPSK-19965-1RB#0-0.15~30-PASS



Band4-3MHz-QPSK-19965-1RB#0-30~1000-PASS



Band4-3MHz-QPSK-19965-1RB#0-1000~3000-PASS



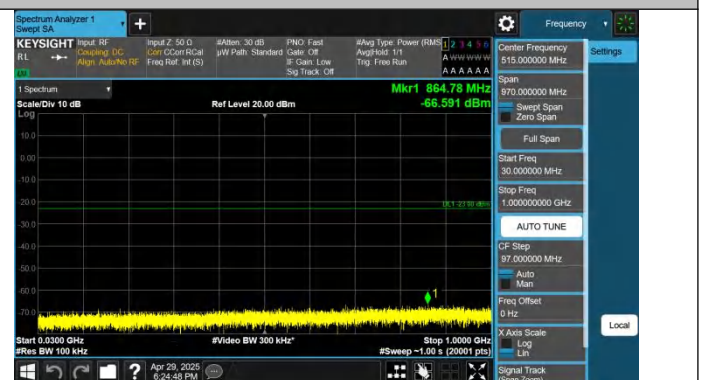
Band4-3MHz-QPSK-19965-1RB#0-3000~20000-PASS



Band4-3MHz-QPSK-19965-1RB#14-0.009~0.15-PASS



Band4-3MHz-QPSK-19965-1RB#14-0.15~30-PASS



Band4-3MHz-QPSK-19965-1RB#14-30~1000-PASS



Band4-3MHz-QPSK-19965-1RB#14-1000~3000-PASS



Band4-3MHz-QPSK-19965-1RB#14-3000~20000-PASS