

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.82	25.82	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.83	25.83	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.90	25.9	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.84	24.84	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.86	25.86	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.79	25.79	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.76	25.76	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.87	24.87	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.03	26.03	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.92	25.92	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.91	25.91	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.13	25.13	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.76	24.76	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.79	24.79	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.80	24.8	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.85	23.85	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.73	24.73	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.71	24.71	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.67	24.67	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.95	23.95	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.06	25.06	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.07	25.07	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.00	25	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.22	24.22	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.65	25.65	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.88	25.88	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.80	25.8	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.89	24.89	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.73	25.73	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.82	25.82	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.71	25.71	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.85	24.85	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.89	25.89	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.87	25.87	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.84	25.84	30	PASS

Band4	3MHz	QPSK	20385	15RB#0	23.14	25.14	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.81	24.81	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.97	24.97	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.90	24.9	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.05	24.05	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.67	24.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.77	24.77	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.67	24.67	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.87	23.87	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.02	25.02	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.17	25.17	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.05	25.05	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.17	24.17	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.85	25.85	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.04	26.04	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.88	25.88	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.89	24.89	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.79	25.79	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.81	25.81	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.71	25.71	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.85	24.85	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.07	26.07	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.08	26.08	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.99	25.99	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.12	25.12	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.82	24.82	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.04	25.04	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.95	24.95	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.95	23.95	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.94	24.94	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.02	25.02	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.91	24.91	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.87	23.87	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.11	25.11	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.22	25.22	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.07	25.07	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.22	24.22	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.65	25.65	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.78	25.78	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.66	25.66	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.62	24.62	30	PASS

Band4	10MHz	QPSK	20175	1RB#0	23.75	25.75	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.73	25.73	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.65	25.65	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.63	24.63	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.85	25.85	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.82	25.82	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.70	25.7	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.85	24.85	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.72	24.72	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.89	24.89	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.73	24.73	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.49	24.49	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.72	24.72	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.53	24.53	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.67	24.67	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.88	24.88	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.58	24.58	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.64	25.64	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.68	25.68	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.55	25.55	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.71	24.71	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.55	25.55	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.59	25.59	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.54	25.54	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.66	24.66	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.78	25.78	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.94	25.94	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.83	25.83	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.94	24.94	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.76	24.76	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.85	24.85	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.63	24.63	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.72	24.72	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.87	24.87	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.84	24.84	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.70	24.7	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.87	24.87	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.75	24.75	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.65	25.65	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.83	25.83	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.49	25.49	30	PASS

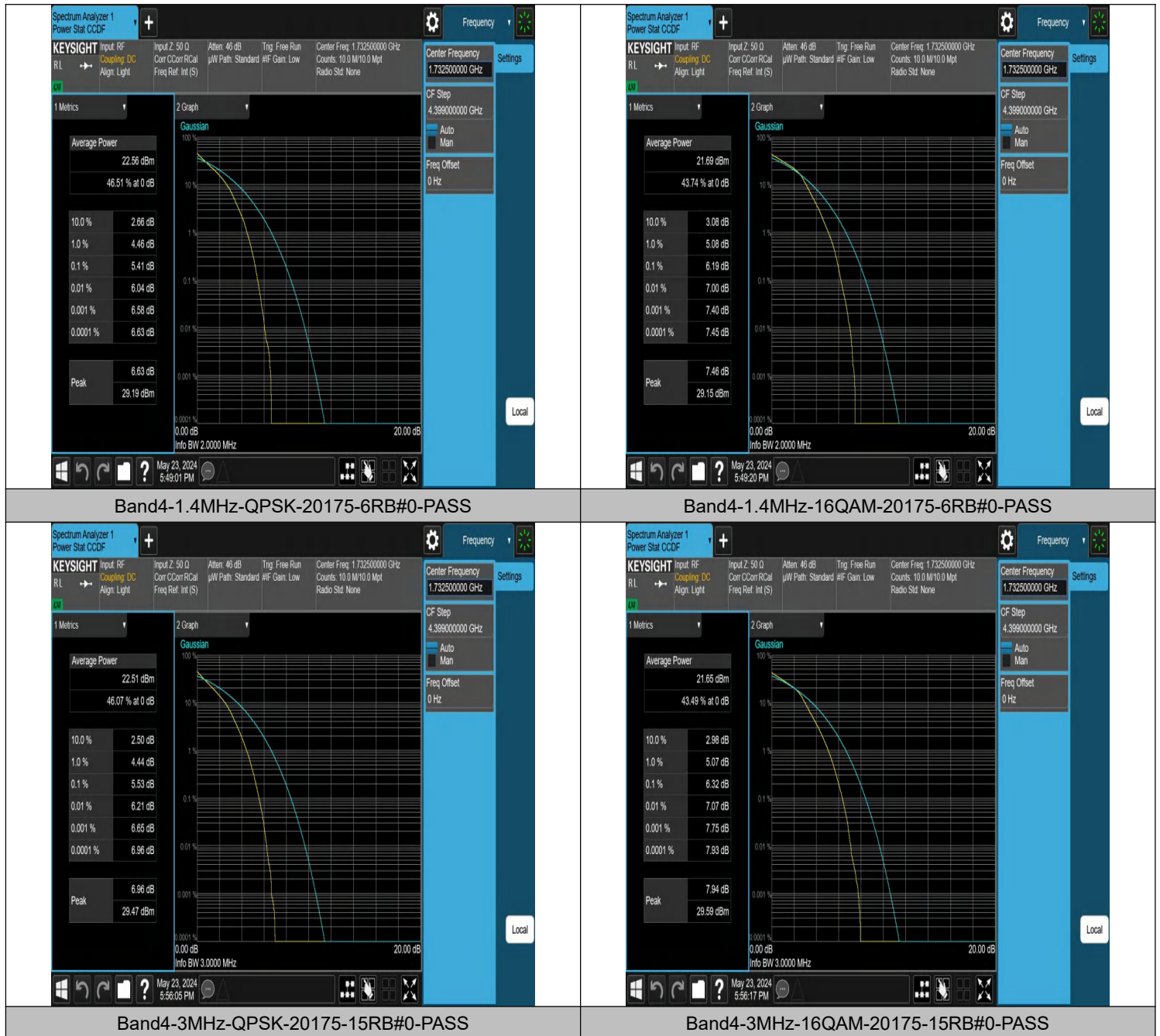
Band4	20MHz	QPSK	20050	100RB#0	22.57	24.57	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.69	25.69	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.77	25.77	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.67	25.67	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.63	24.63	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.53	25.53	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.79	25.79	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.62	25.62	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.80	24.8	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.60	24.6	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.79	24.79	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.42	24.42	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.81	24.81	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.02	25.02	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.92	24.92	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.54	24.54	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.84	24.84	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.57	24.57	30	PASS

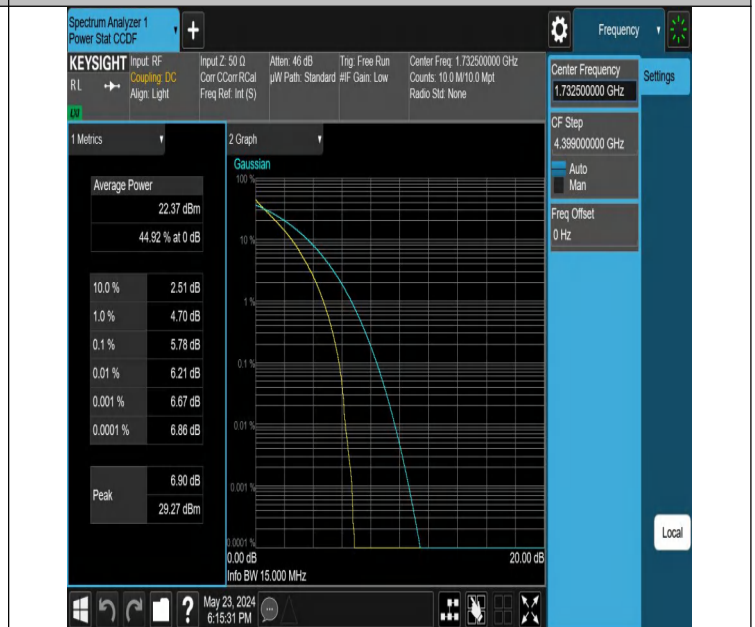
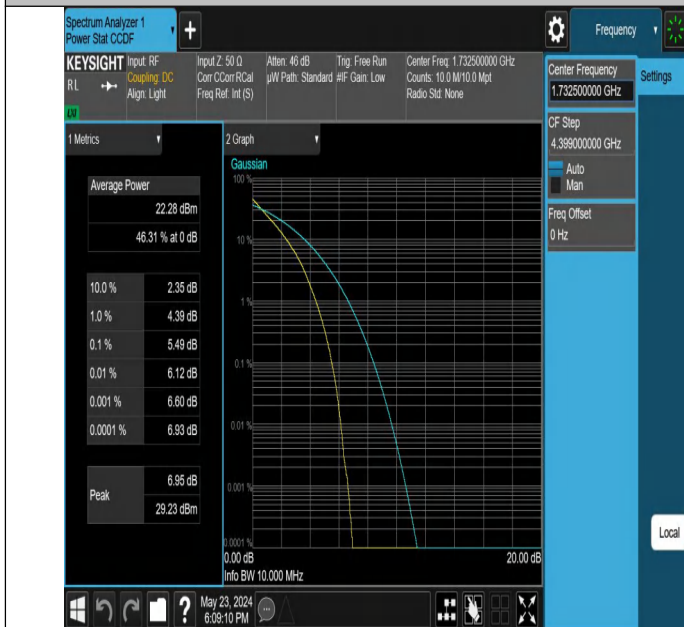
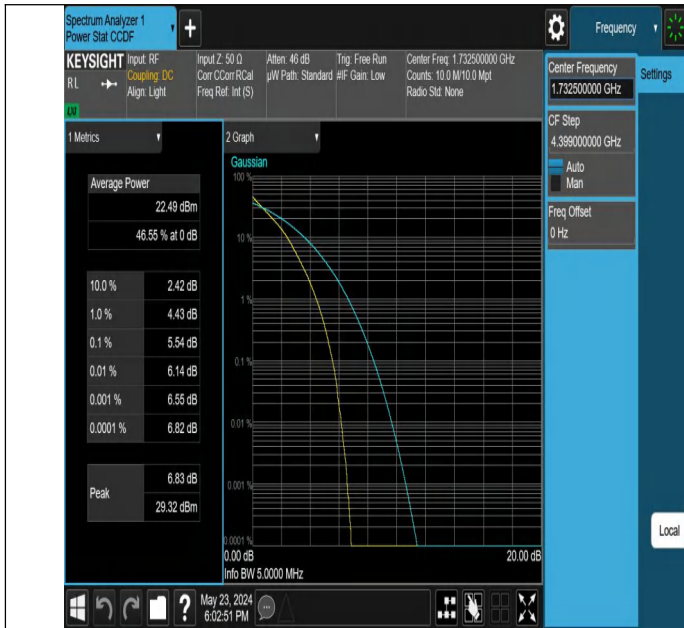
Peak-to-Average Ratio(CCDF)

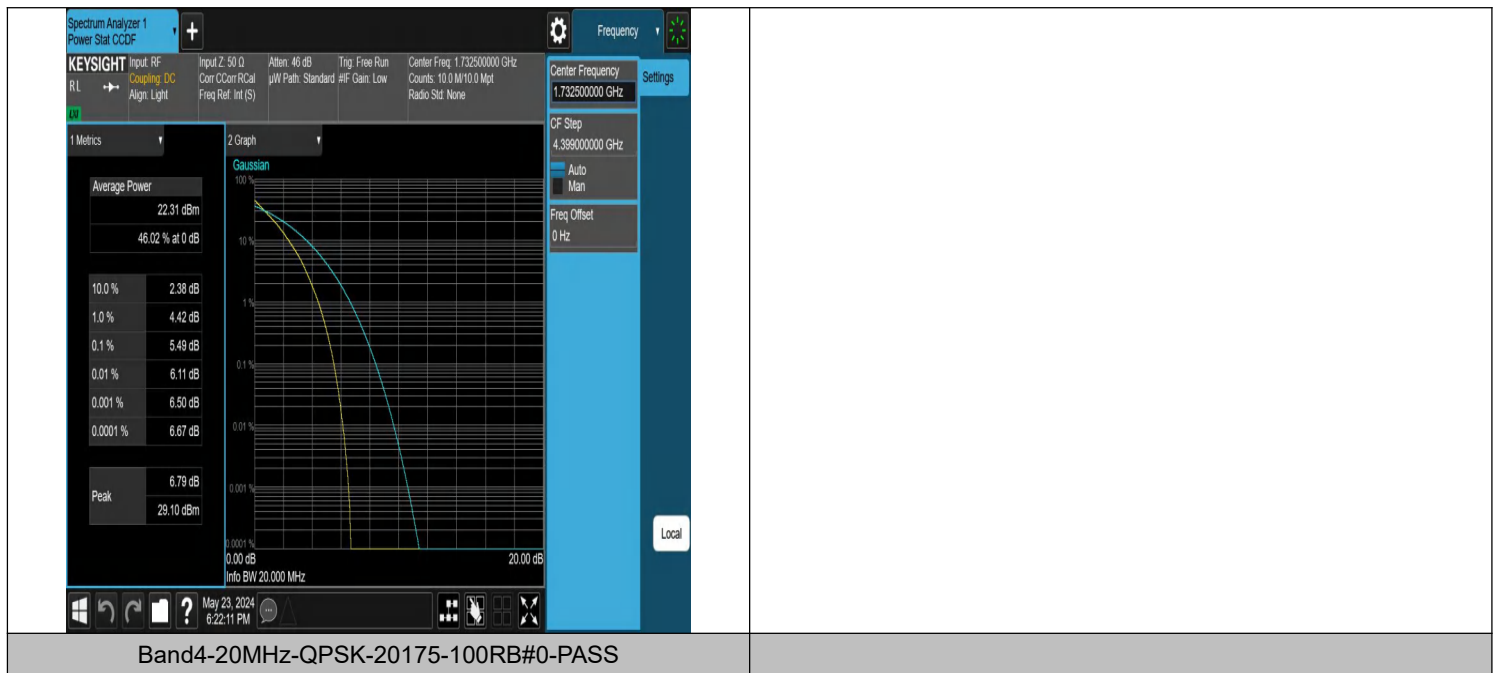
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.41	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.19	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.53	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.32	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.54	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.23	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.49	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.78	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.49	13	PASS

Test Graphs





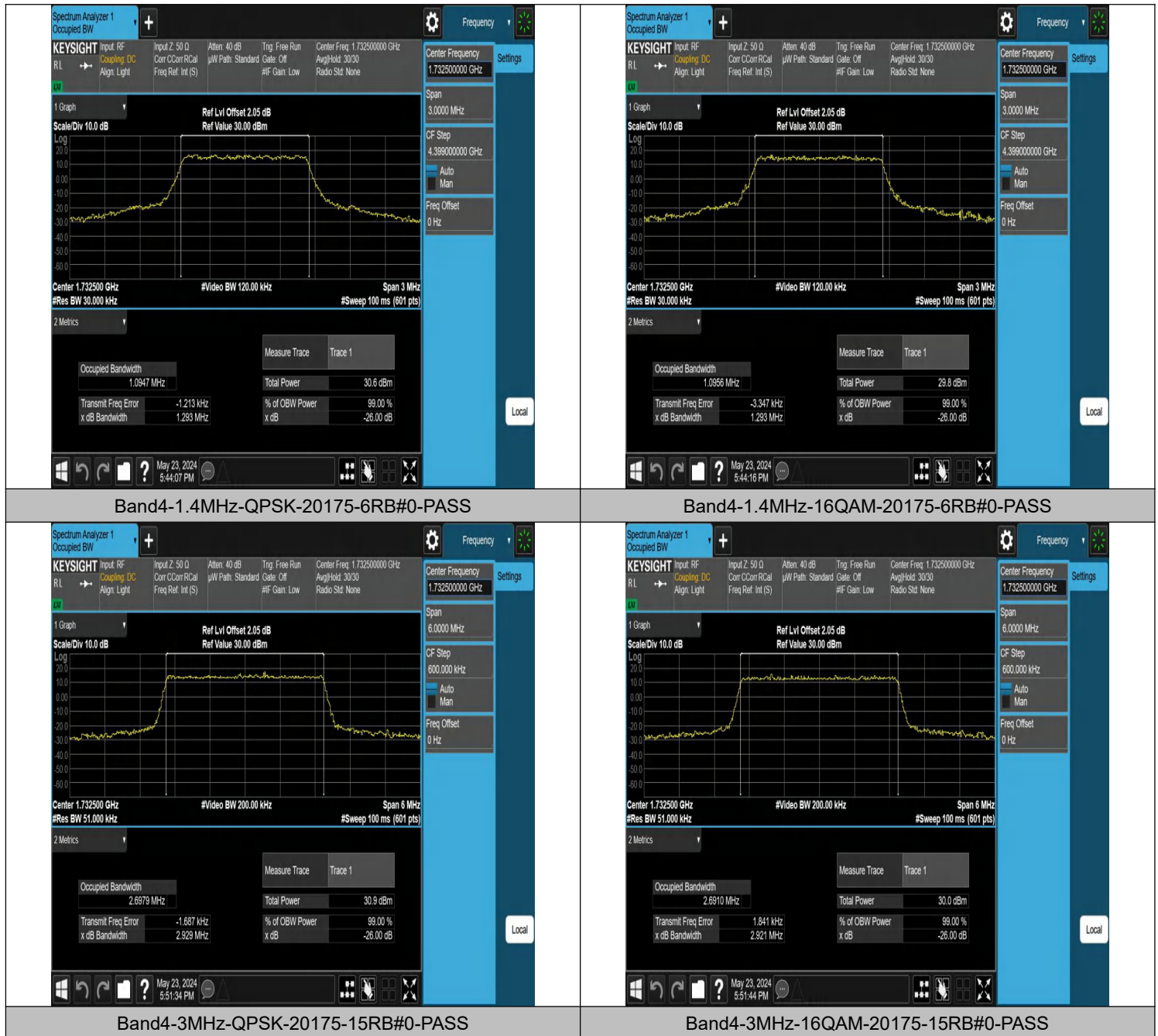


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0947	1.293	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0956	1.293	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6979	2.929	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6910	2.921	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5049	4.970	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4942	4.946	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9645	9.794	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.476	14.61	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.935	19.18	PASS

Test Graphs





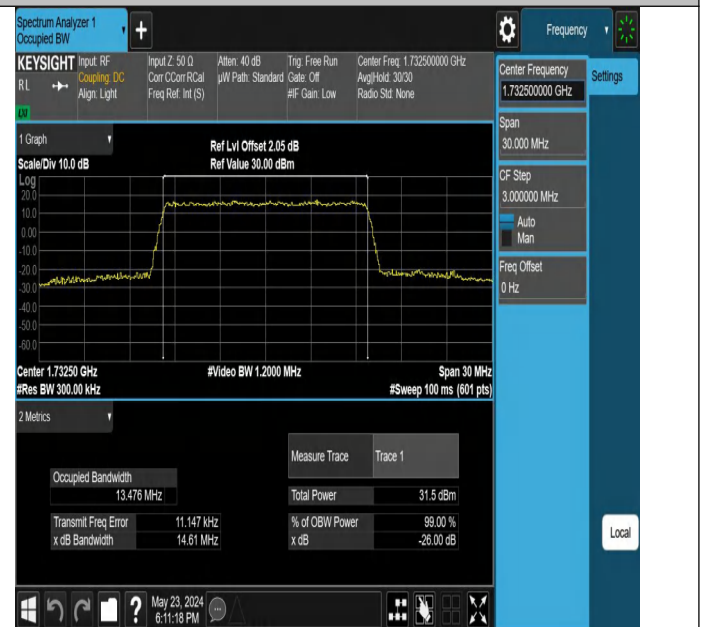
Band4-5MHz-QPSK-20175-25RB#0-PASS



Band4-5MHz-16QAM-20175-25RB#0-PASS



Band4-10MHz-QPSK-20175-50RB#0-PASS



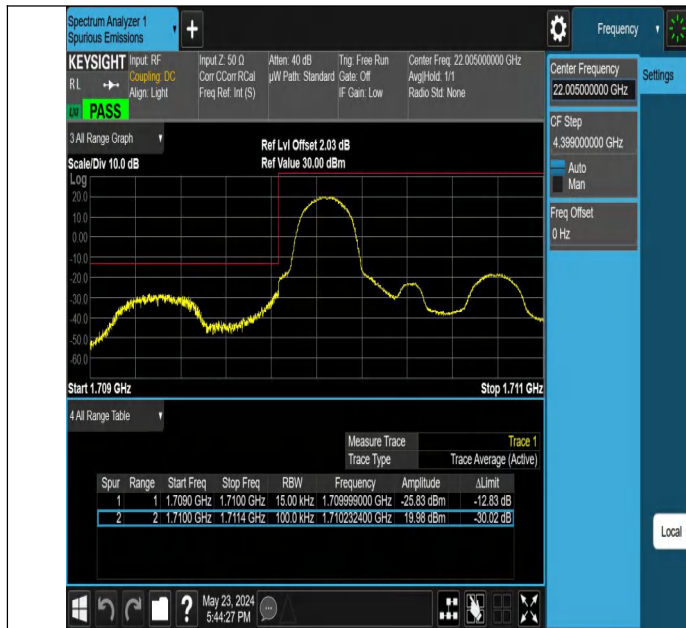
Band4-15MHz-QPSK-20175-75RB#0-PASS



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

Band Edge

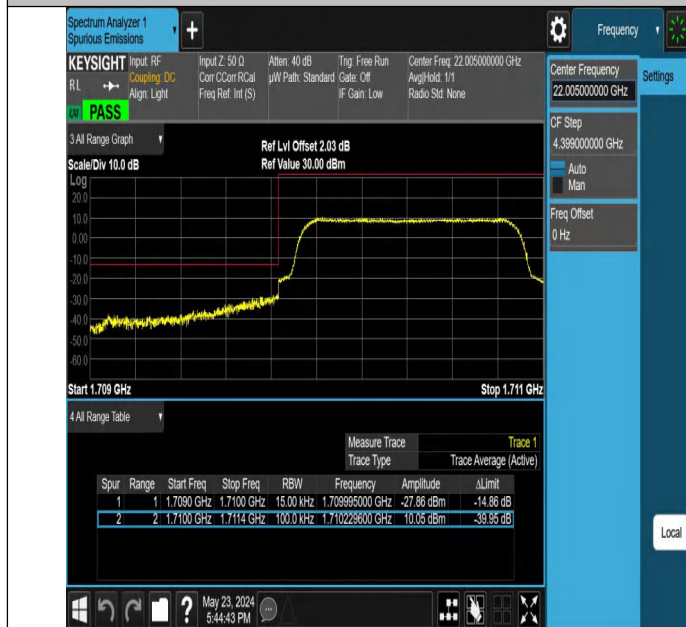
Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



Band4_1.4MHz_QPSK_19957_1RB#5



Band4_1.4MHz_QPSK_19957_6RB#0



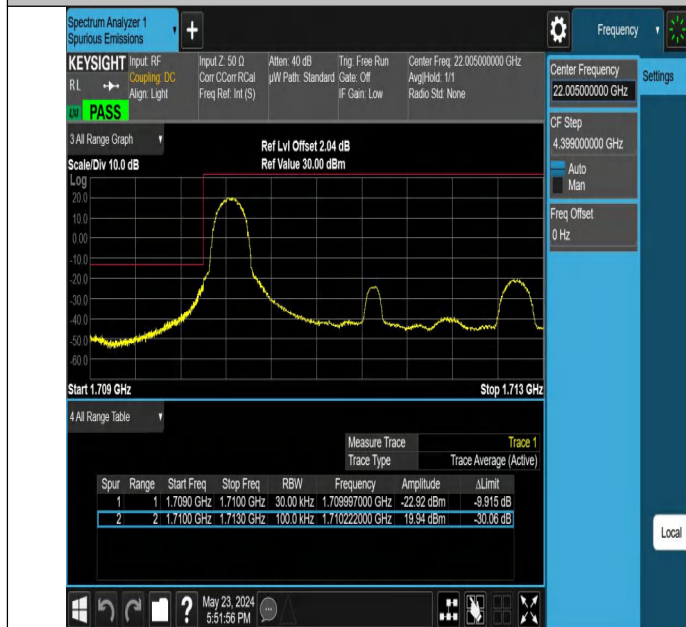
Band4_1.4MHz_QPSK_20393_1RB#0



Band4_1.4MHz_QPSK_20393_1RB#5



Band4_1.4MHz_QPSK_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



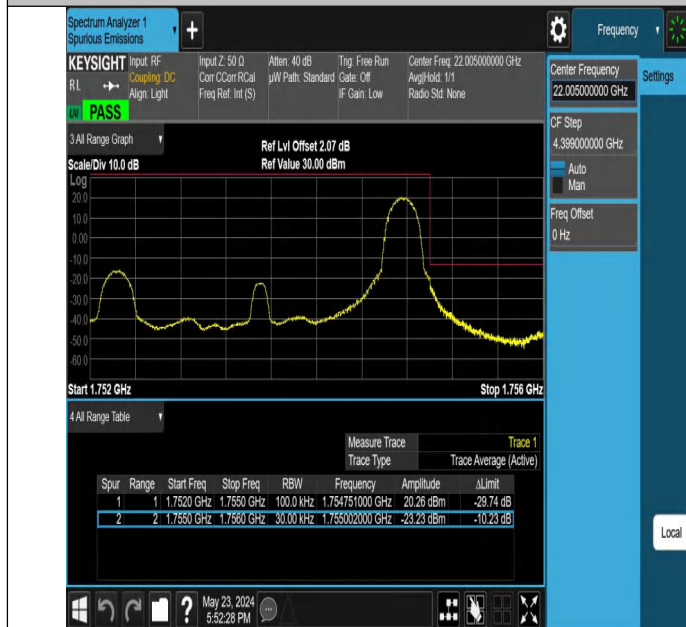
Band4_3MHz_QPSK_19965_1RB#14



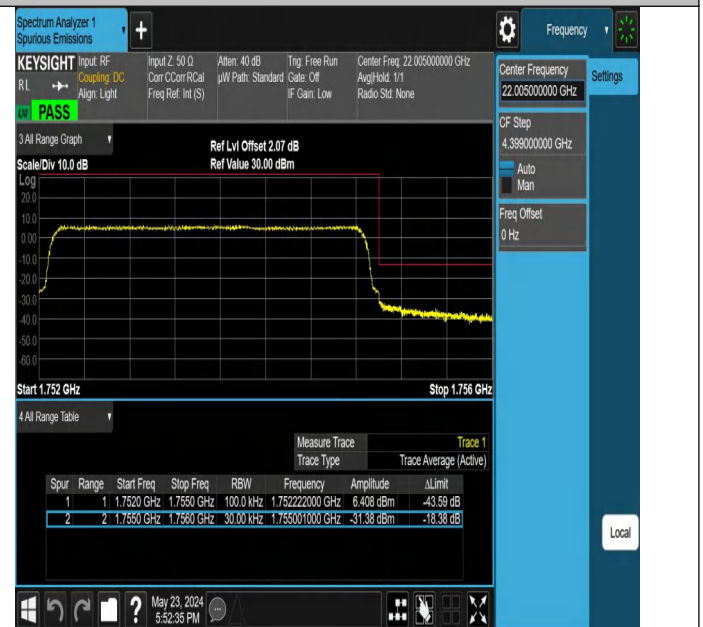
Band4_3MHz_QPSK_19965_15RB#0



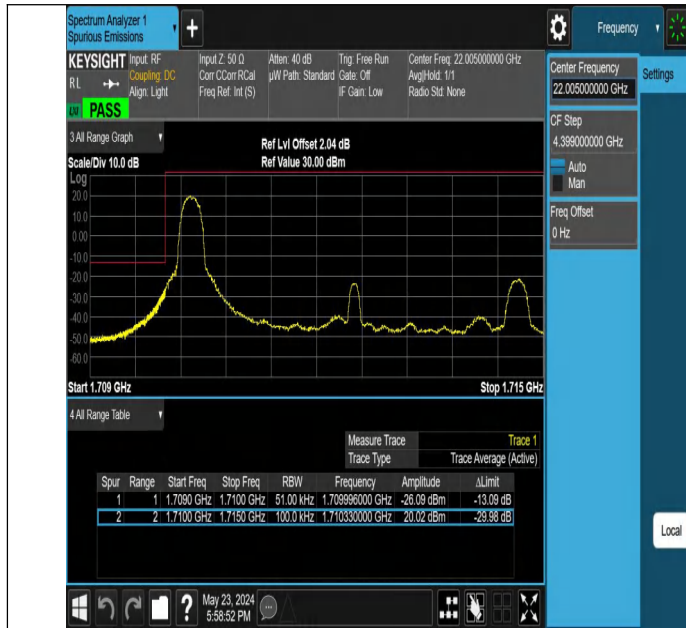
Band4_3MHz_QPSK_20385_1RB#0



Band4_3MHz_QPSK_20385_1RB#14



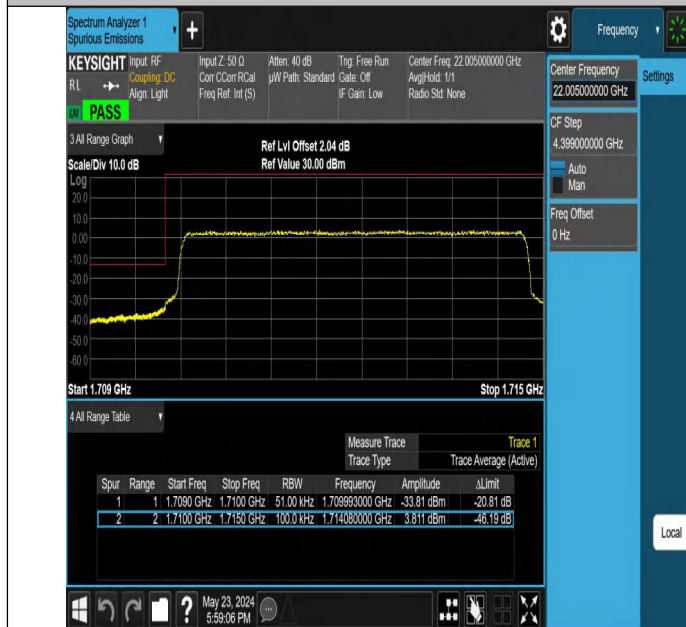
Band4_3MHz_QPSK_20385_15RB#0



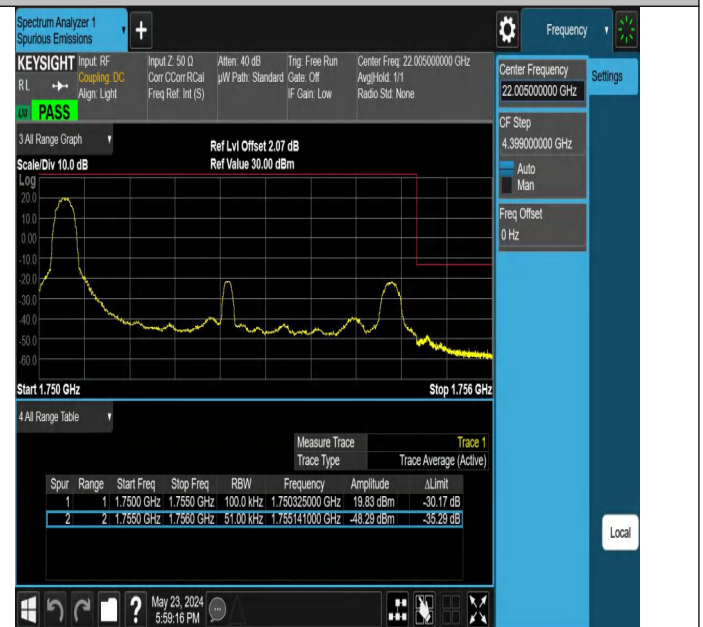
Band4_5MHz_QPSK_19975_1RB#0



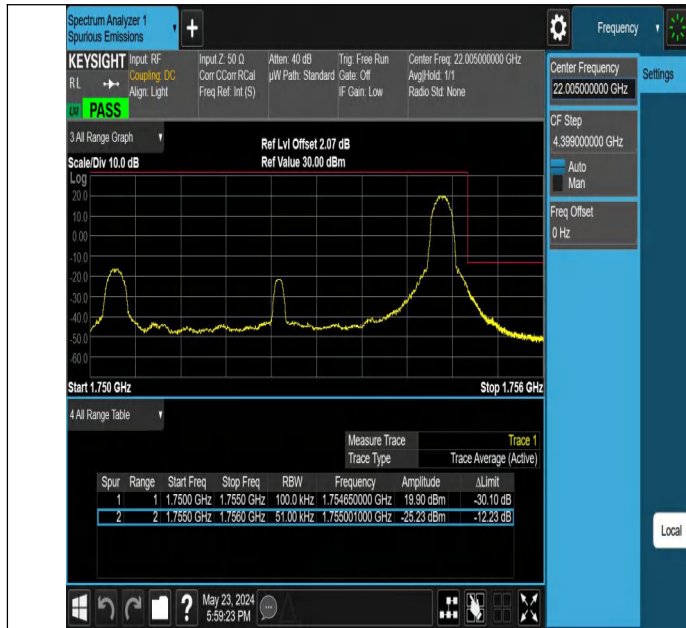
Band4_5MHz_QPSK_19975_1RB#24



Band4_5MHz_QPSK_19975_25RB#0



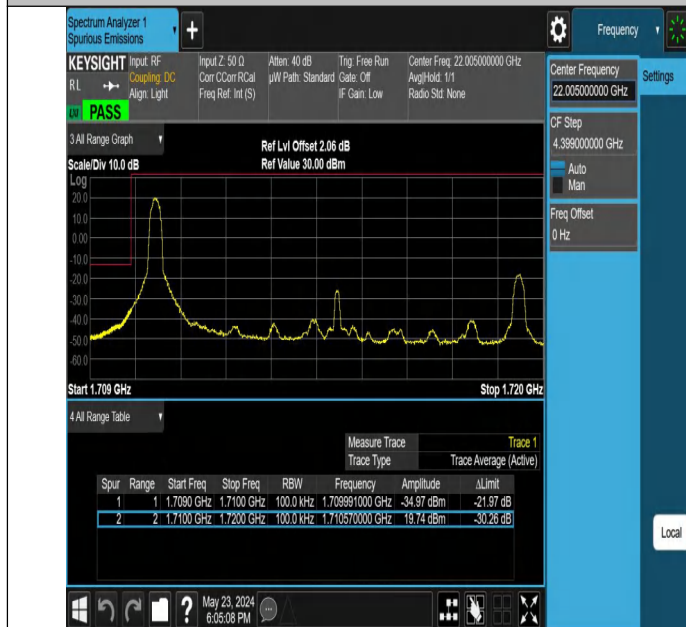
Band4_5MHz_QPSK_20375_1RB#0



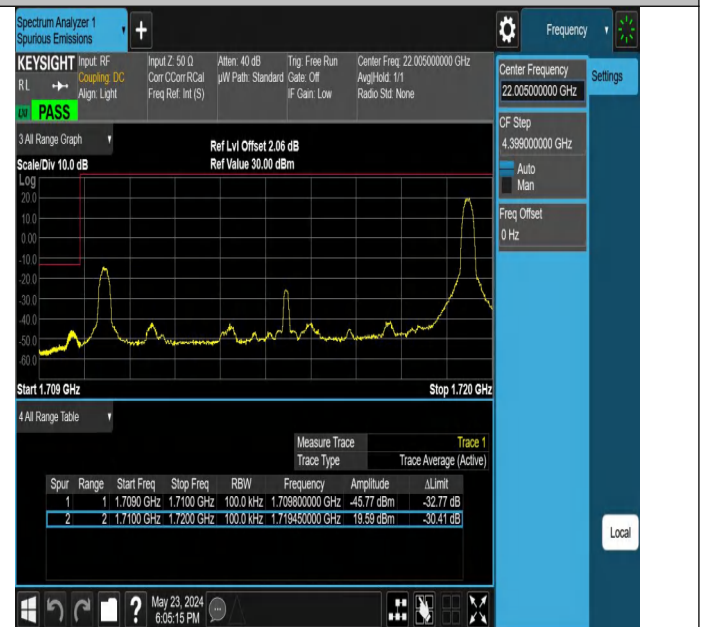
Band4_5MHz_QPSK_20375_1RB#24



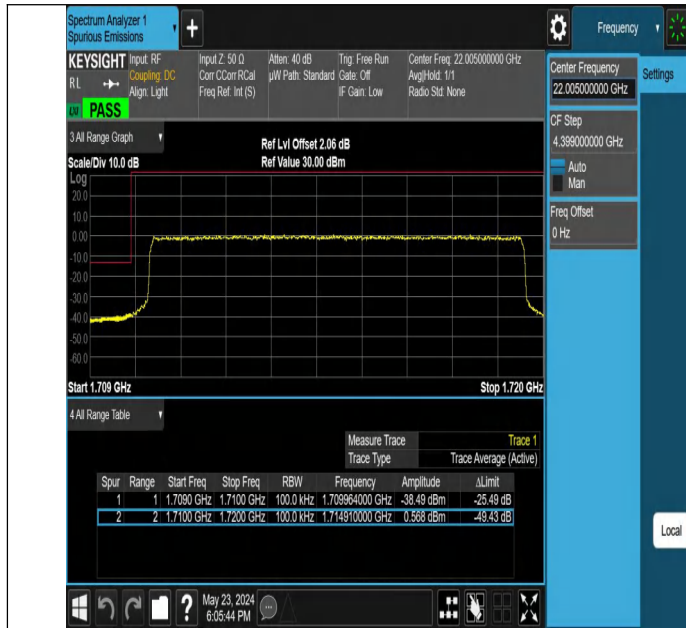
Band4_5MHz_QPSK_20375_25RB#0



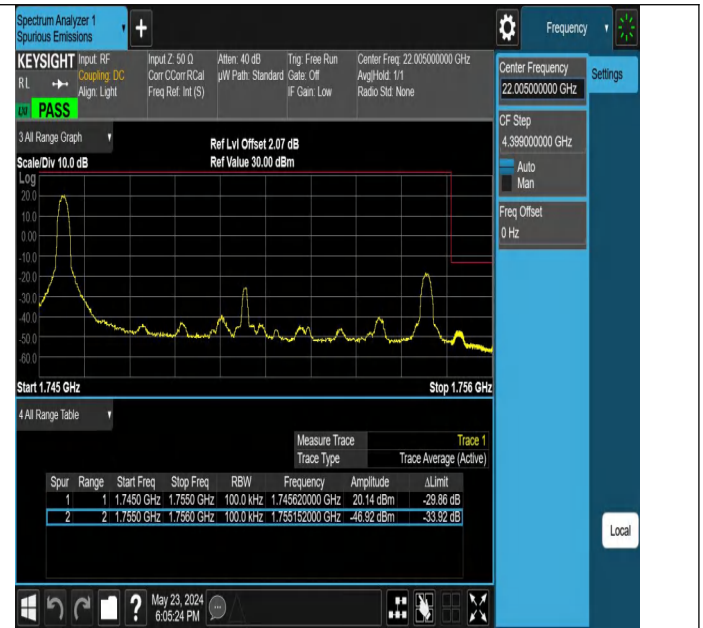
Band4_10MHz_QPSK_20000_1RB#0



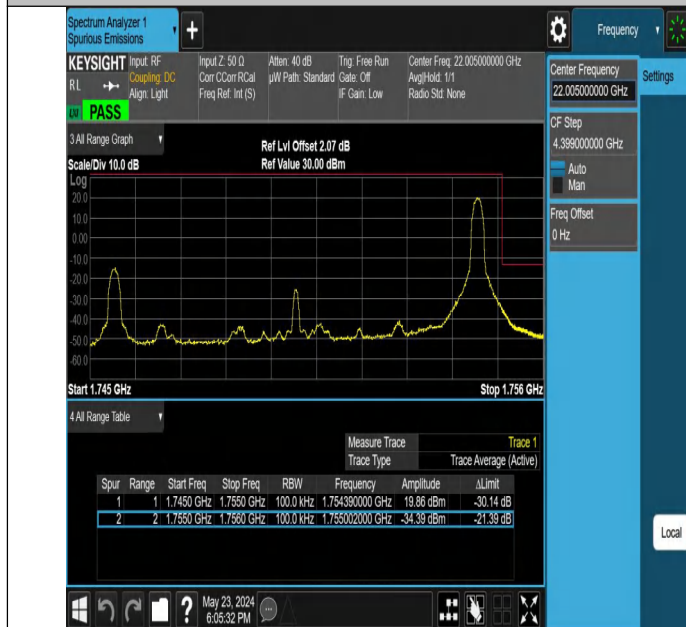
Band4_10MHz_QPSK_20000_1RB#49



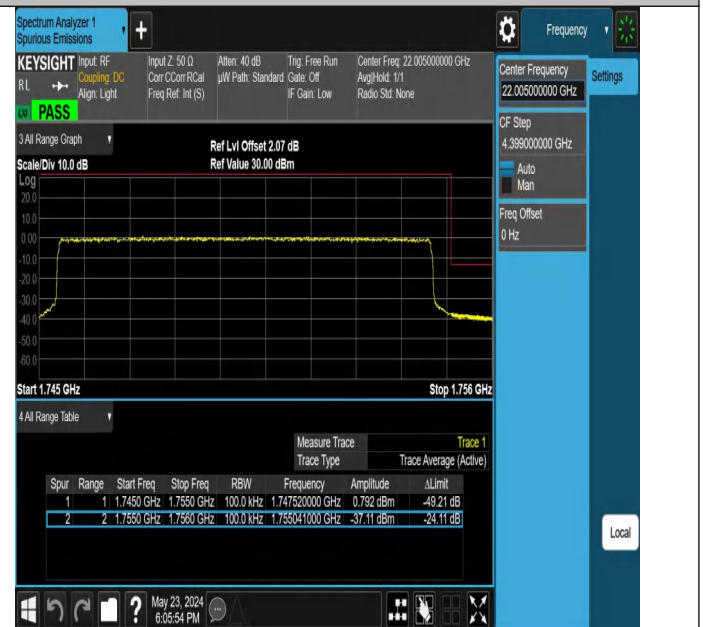
Band4_10MHz_QPSK_20000_50RB#0



Band4_10MHz_QPSK_20350_1RB#0



Band4_10MHz_QPSK_20350_1RB#49



Band4_10MHz_QPSK_20350_50RB#0