

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	23.79	25.79	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.78	25.78	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.76	25.76	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.82	24.82	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.80	25.8	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.79	25.79	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.78	25.78	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.85	24.85	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.82	25.82	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.78	25.78	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.75	25.75	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.79	24.79	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.72	24.72	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.83	24.83	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.88	24.88	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.79	23.79	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.78	24.78	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.82	24.82	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.75	24.75	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.87	23.87	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.89	24.89	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.91	24.91	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.83	24.83	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.92	23.92	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.61	25.61	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.78	25.78	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.69	25.69	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.86	24.86	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.84	25.84	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.83	25.83	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.70	25.7	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.92	24.92	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.70	25.7	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.74	25.74	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.62	25.62	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.81	24.81	30	PASS

Band4	3MHz	16QAM	19965	1RB#0	22.81	24.81	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.13	25.13	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.92	24.92	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.90	23.9	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.70	24.7	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.83	24.83	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.71	24.71	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.01	24.01	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.82	24.82	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.11	25.11	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.88	24.88	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.89	23.89	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.11	26.11	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.06	26.06	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.10	26.1	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.15	25.15	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.95	25.95	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.90	25.9	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.97	25.97	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.01	25.01	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.87	25.87	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.91	25.91	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.95	25.95	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.96	24.96	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.74	24.74	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.86	24.86	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.92	24.92	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.11	24.11	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.21	25.21	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.25	25.25	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.21	25.21	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.06	24.06	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.67	24.67	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.69	24.69	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.75	24.75	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.02	24.02	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.15	26.15	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.14	26.14	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.35	26.35	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.21	25.21	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.10	26.1	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.91	25.91	30	PASS

Band4	10MHz	QPSK	20175	1RB#49	23.98	25.98	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.02	25.02	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.16	26.16	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.03	26.03	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.09	26.09	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.06	25.06	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.42	25.42	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.40	25.4	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.60	25.6	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.01	25.01	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.98	24.98	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.96	24.96	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.17	25.17	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.02	25.02	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.08	25.08	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.23	26.23	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.17	26.17	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.40	26.4	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.43	25.43	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.14	26.14	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.10	26.1	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.01	26.01	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.07	25.07	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.91	25.91	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.09	26.09	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.04	26.04	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.09	25.09	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.44	25.44	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.52	25.52	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.62	25.62	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.22	25.22	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.09	25.09	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	23.02	25.02	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.93	24.93	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.08	25.08	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.04	25.04	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.30	26.3	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.26	26.26	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.52	26.52	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.48	25.48	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.15	26.15	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.09	26.09	30	PASS

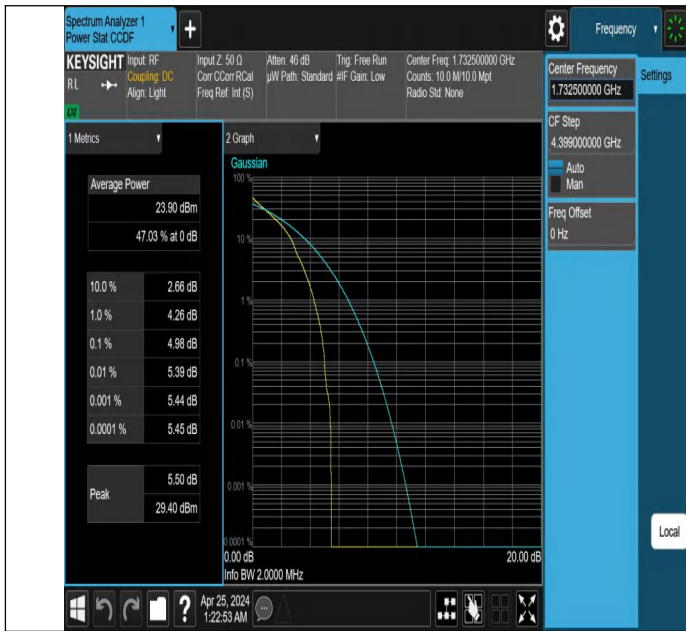
Band4	20MHz	QPSK	20175	1RB#99	24.11	26.11	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.10	25.1	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.87	25.87	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.94	25.94	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.97	25.97	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.90	24.9	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.31	25.31	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.40	25.4	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.51	25.51	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.65	25.65	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.50	25.5	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	23.52	25.52	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.27	25.27	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.18	25.18	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.23	25.23	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	1RB#0	4.98	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.47	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.94	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.19	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.07	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.49	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.82	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.25	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.78	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.57	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.59	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.20	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.57	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.42	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.47	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.51	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.72	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.44	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.63	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.05	13	PASS

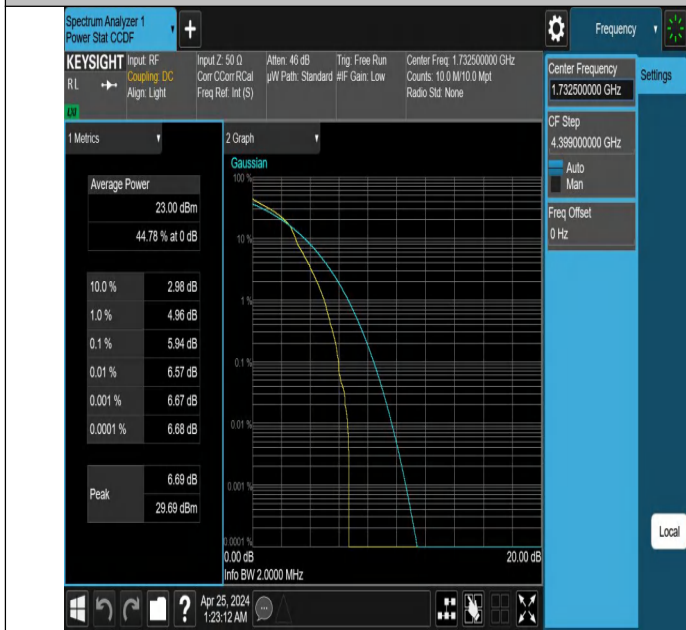
Test Graphs



Band4-1.4MHz-QPSK-20175-1RB#0-PASS



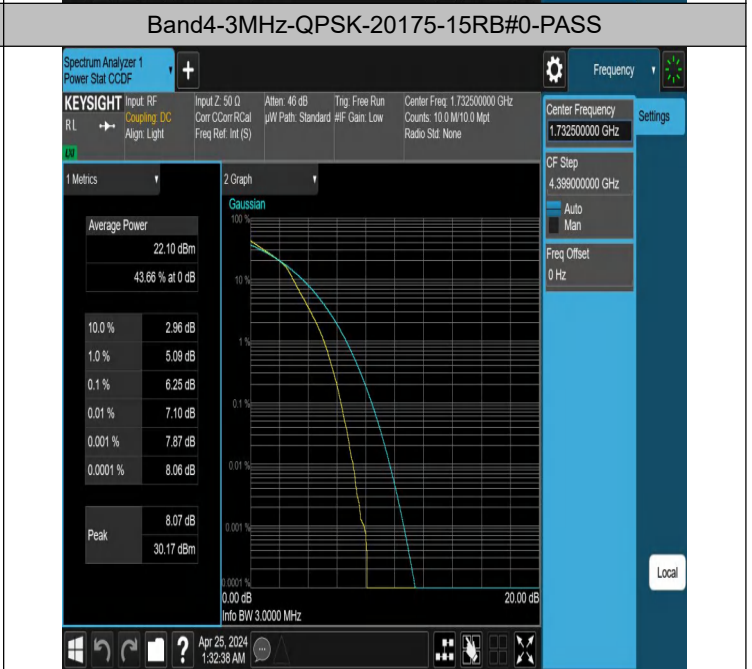
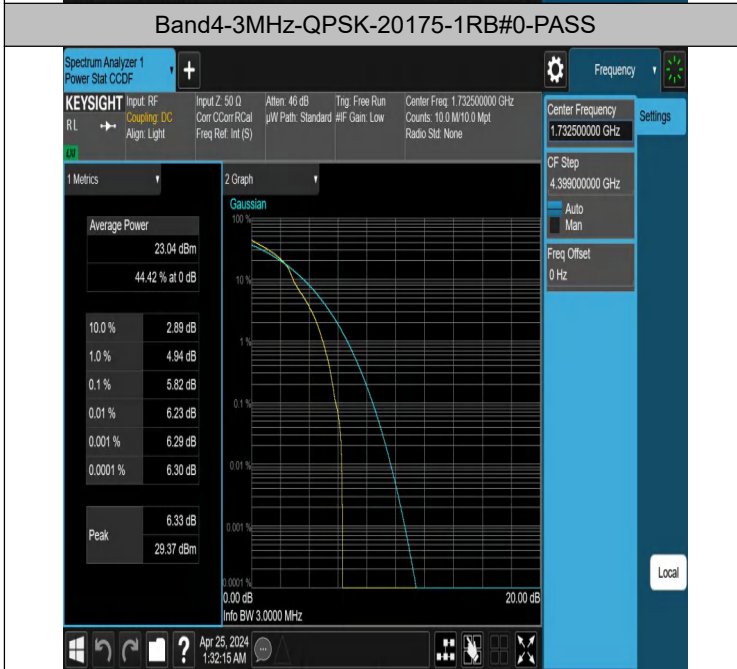
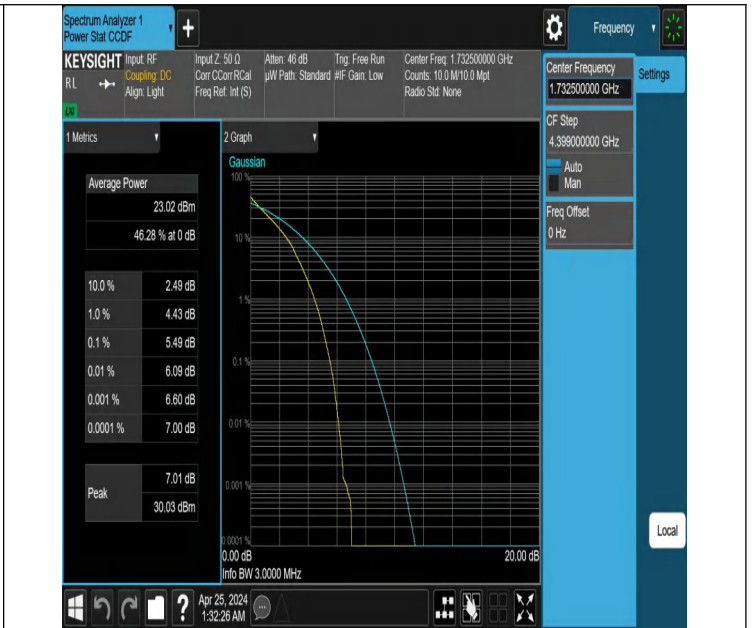
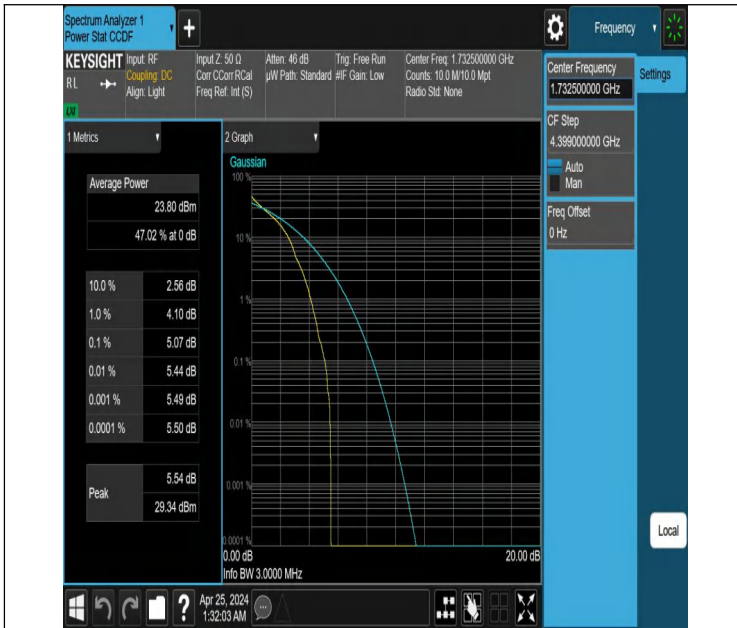
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



Band4-1.4MHz-16QAM-20175-1RB#0-PASS



Band4-1.4MHz-16QAM-20175-6RB#0-PASS





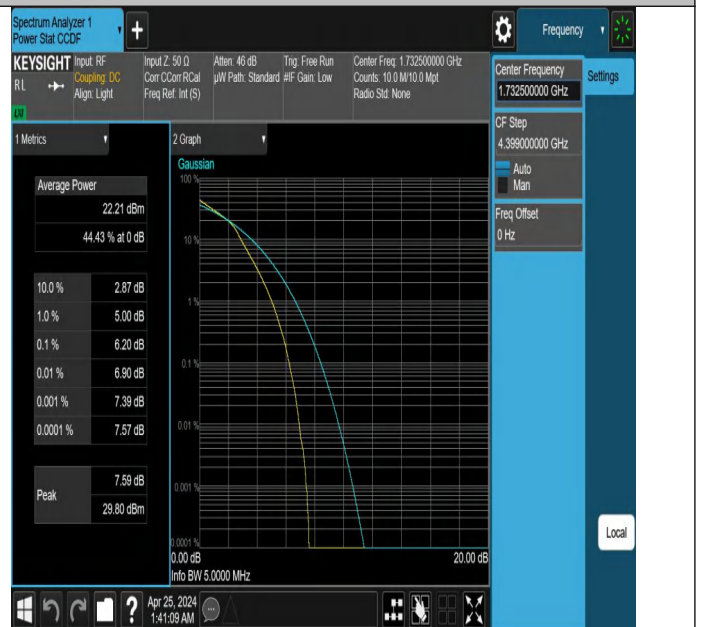
Band4-5MHz-QPSK-20175-1RB#0-PASS



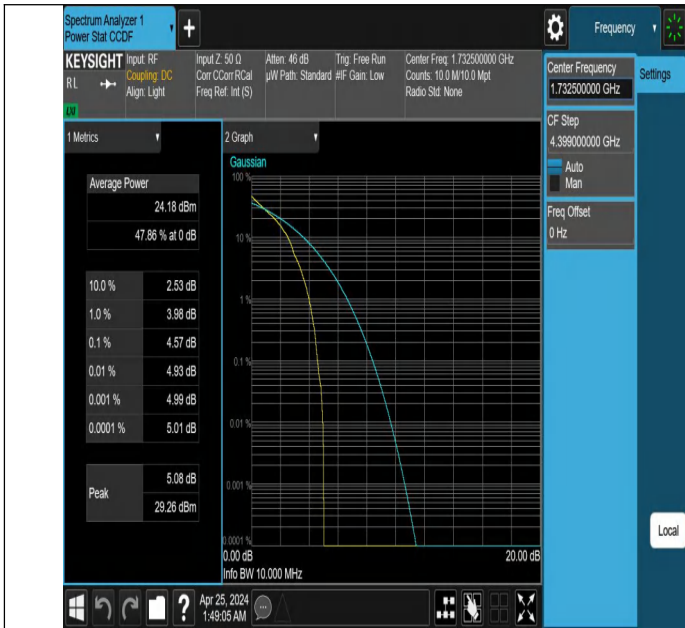
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Band4-5MHz-16QAM-20175-1RB#0-PASS



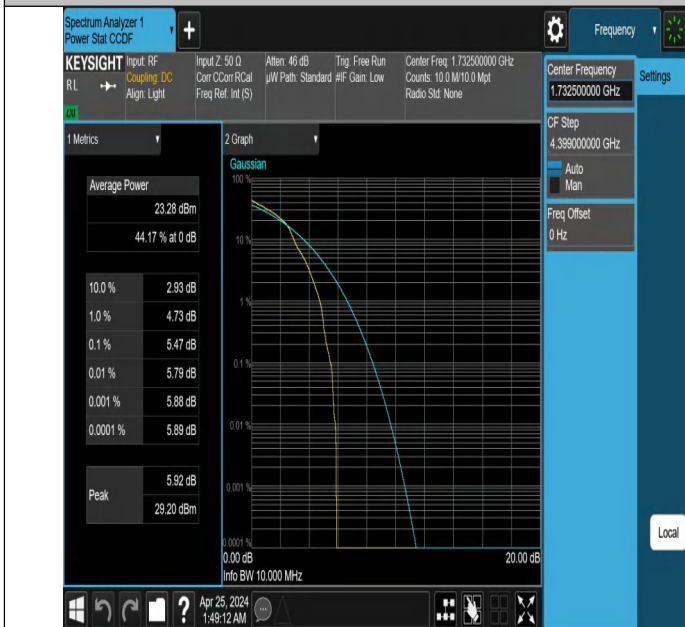
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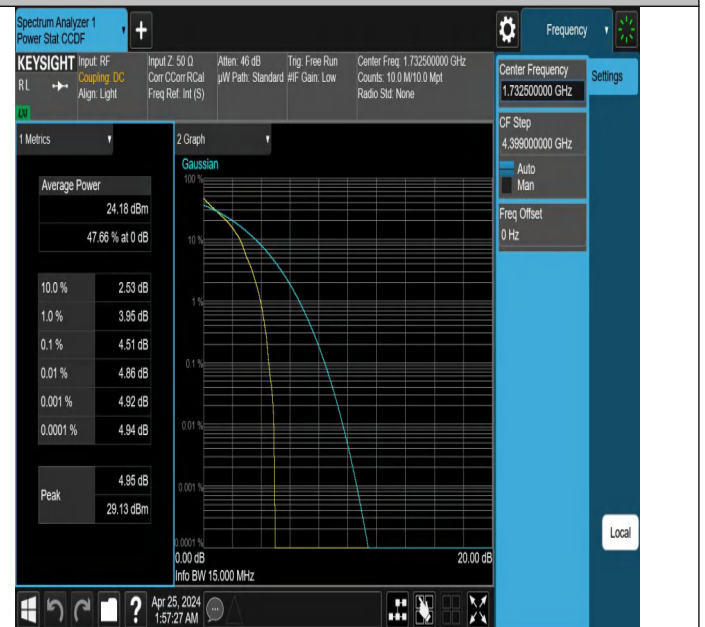
Band4-10MHz-QPSK-20175-1RB#0-PASS



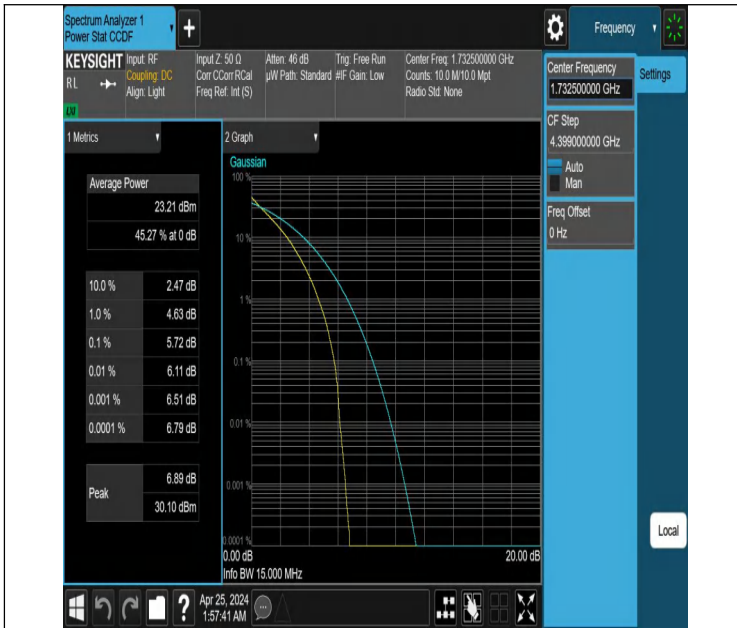
Band4-10MHz-QPSK-20175-50RB#0-PASS



Band4-10MHz-16QAM-20175-1RB#0-PASS



Band4-15MHz-QPSK-20175-1RB#0-PASS



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



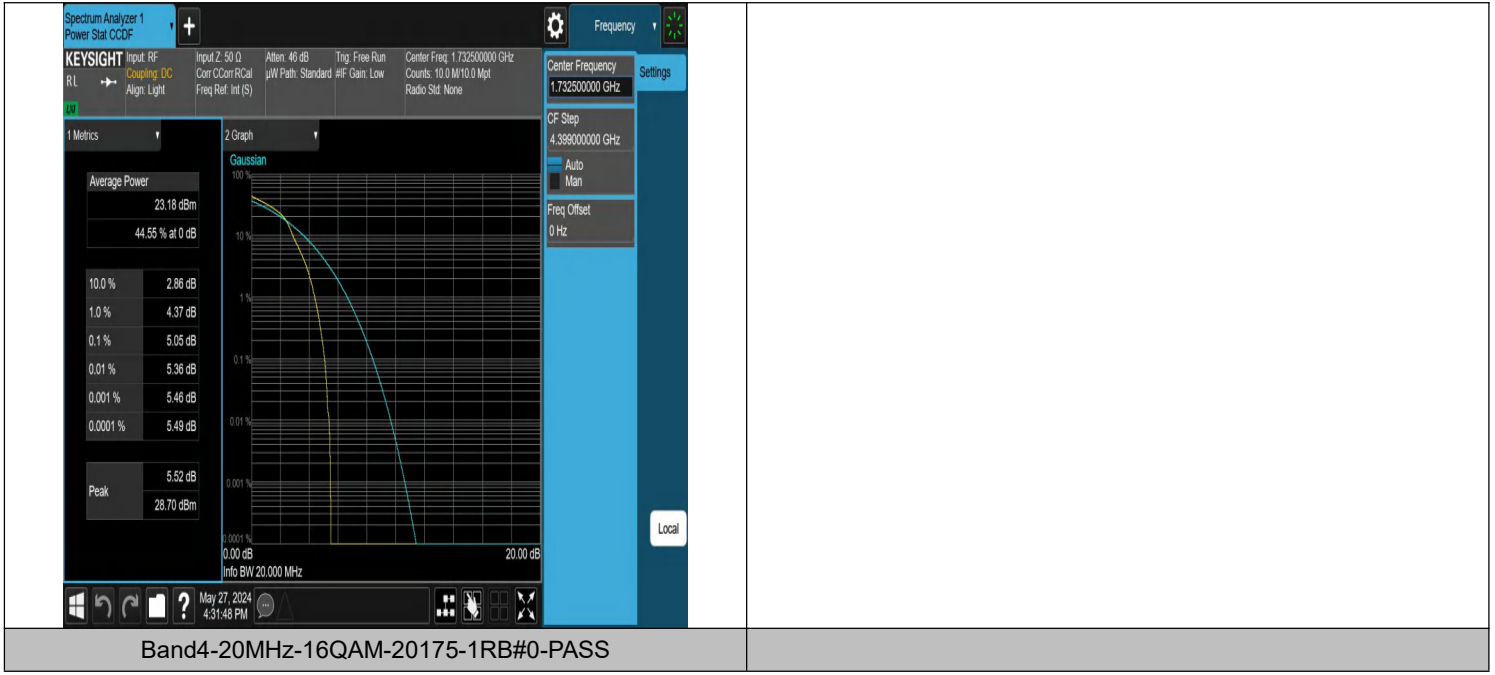
Band4-15MHz-16QAM-20175-1RB#0-PASS



Band4-20MHz-QPSK-20175-1RB#0-PASS



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



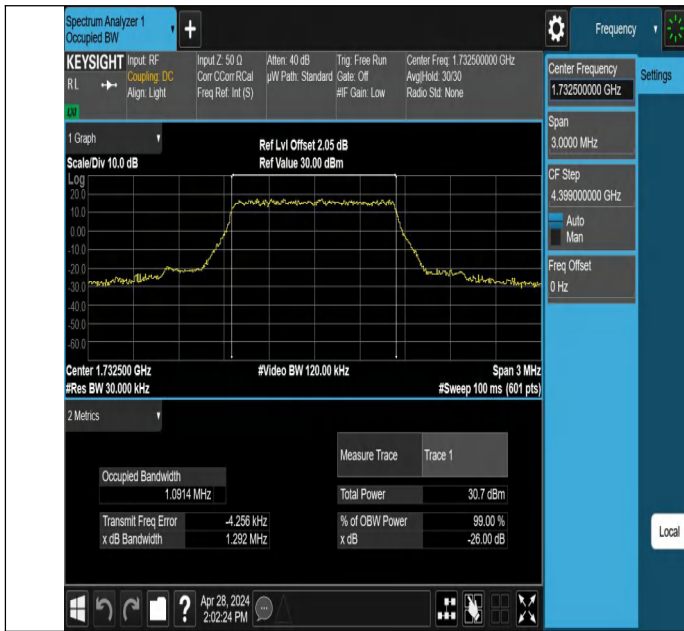
Band4-20MHz-16QAM-20175-1RB#0-PASS

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	1.0914	1.292	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0921	1.295	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7037	3.034	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7049	3.016	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5112	5.119	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5022	5.081	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9862	10.19	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.529	15.38	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.913	19.58	PASS

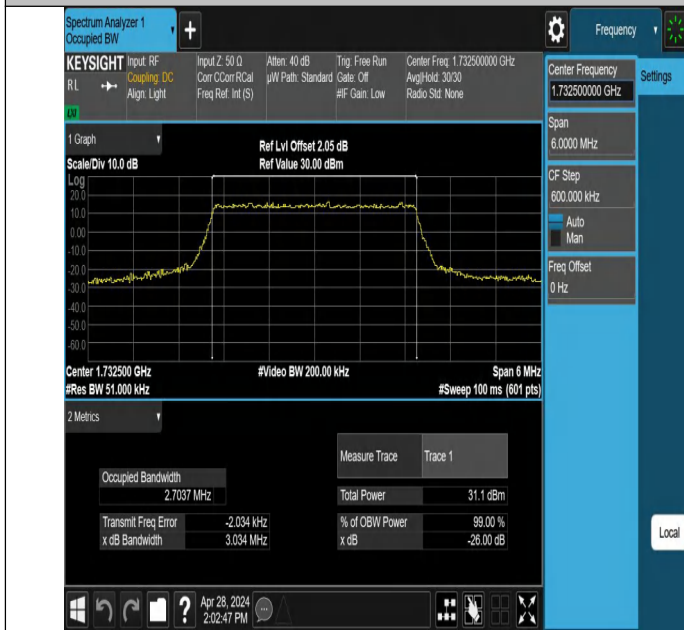
Test Graphs



Band4-1.4MHz-QPSK-20175-6RB#0-PASS



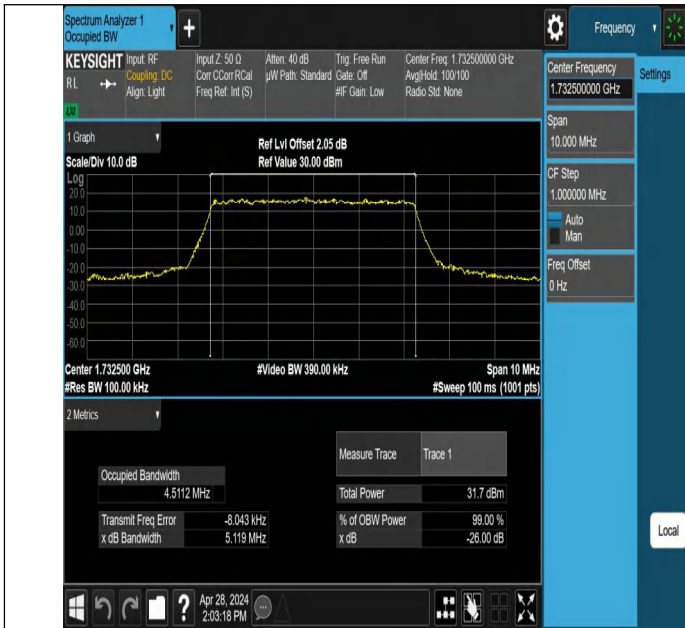
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



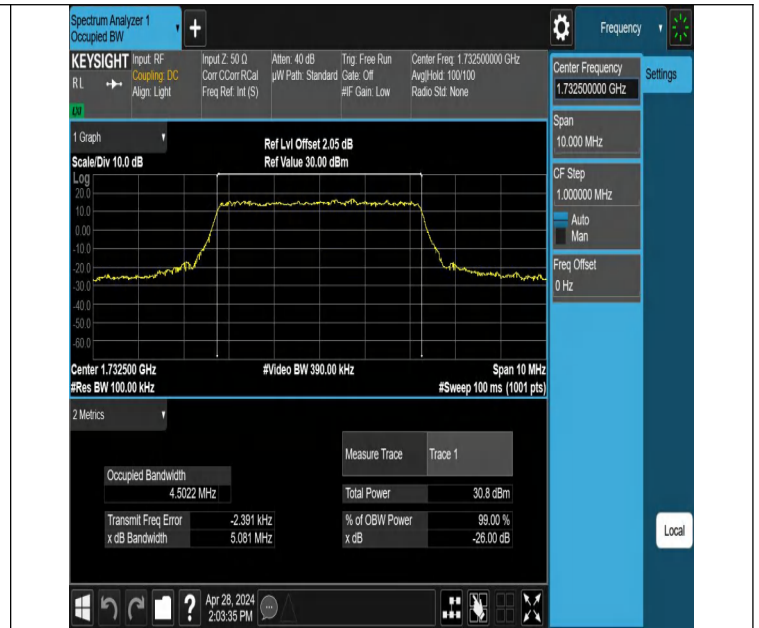
Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS



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



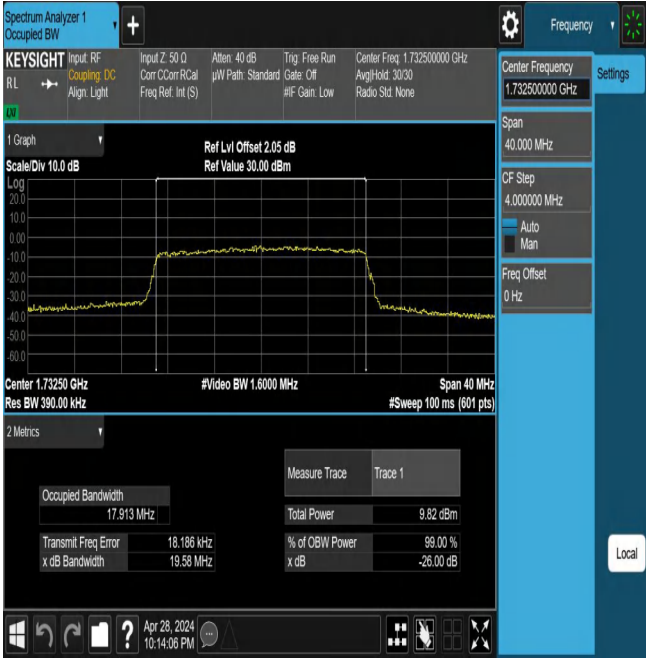
Band4-5MHz-16QAM-20175-25RB#0-PASS



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



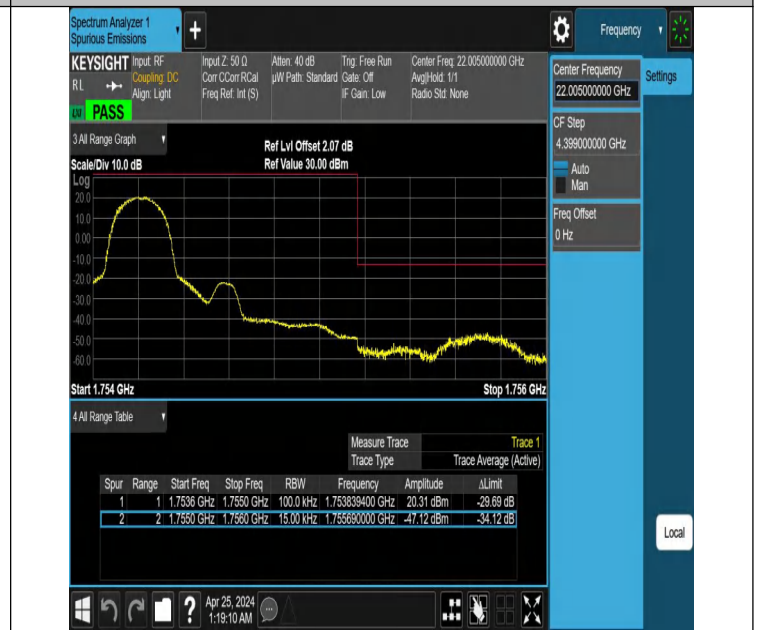
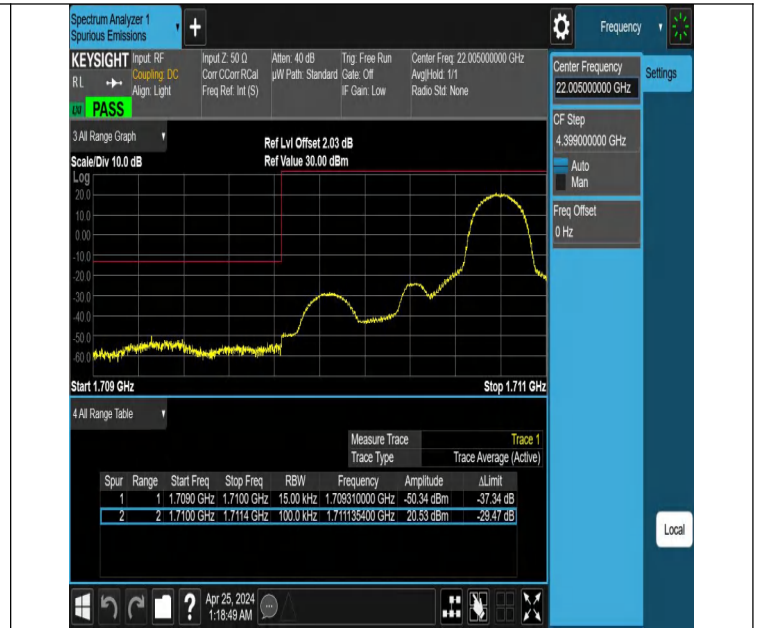
Band4-15MHz-QPSK-20175-75RB#0-PASS

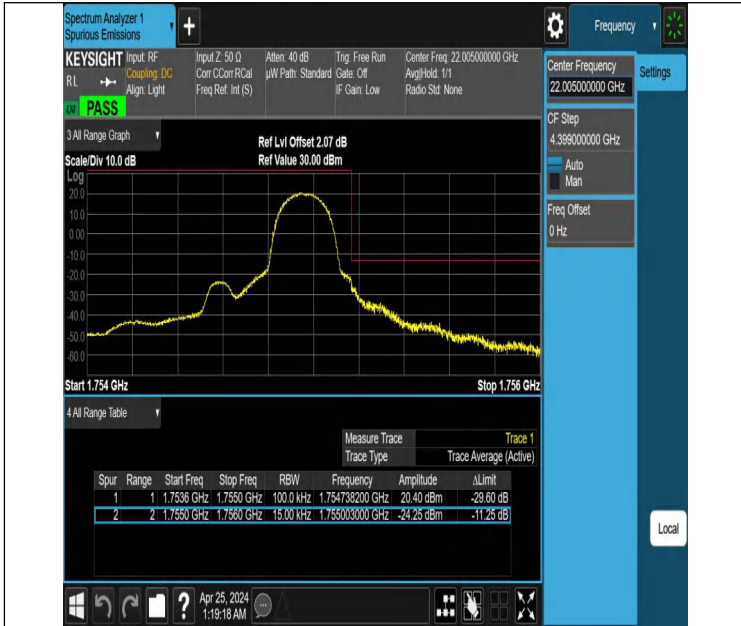


Band4-20MHz-QPSK-20175-100RB#0-PASS

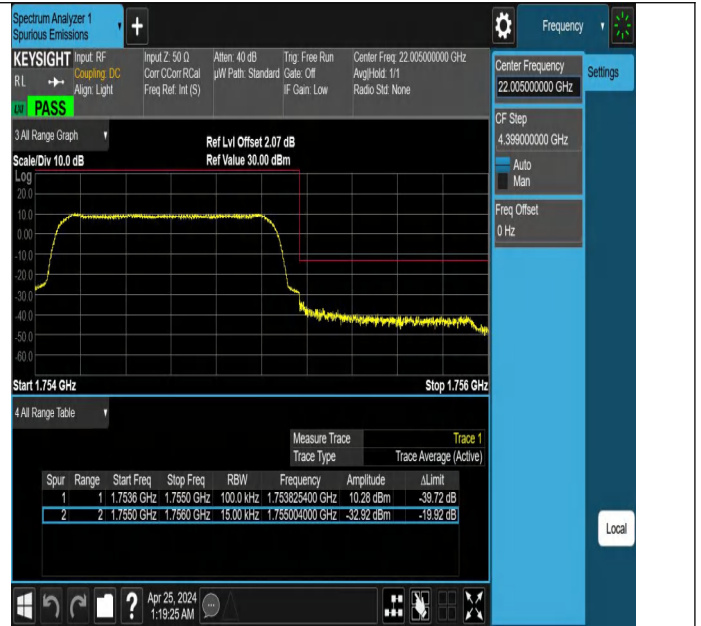
Band Edge

Test Graphs

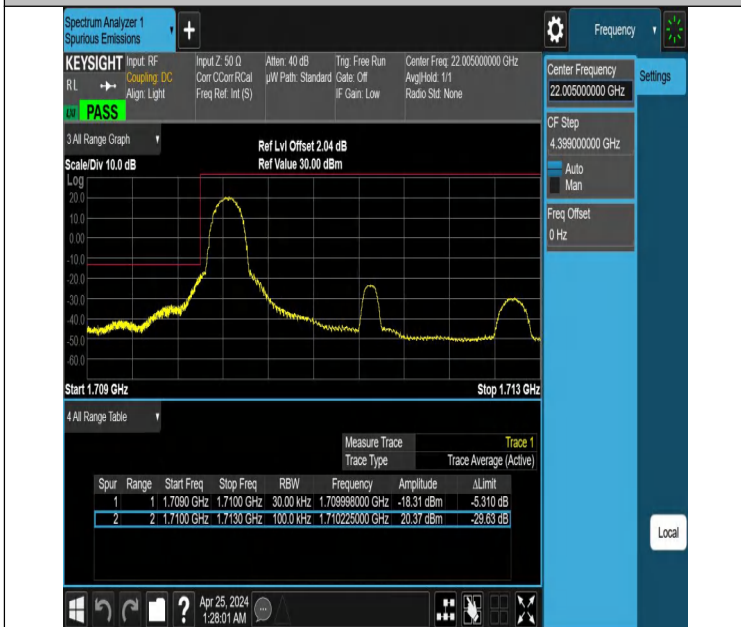




Band4_1.4MHz_QPSK_20393_1RB#5



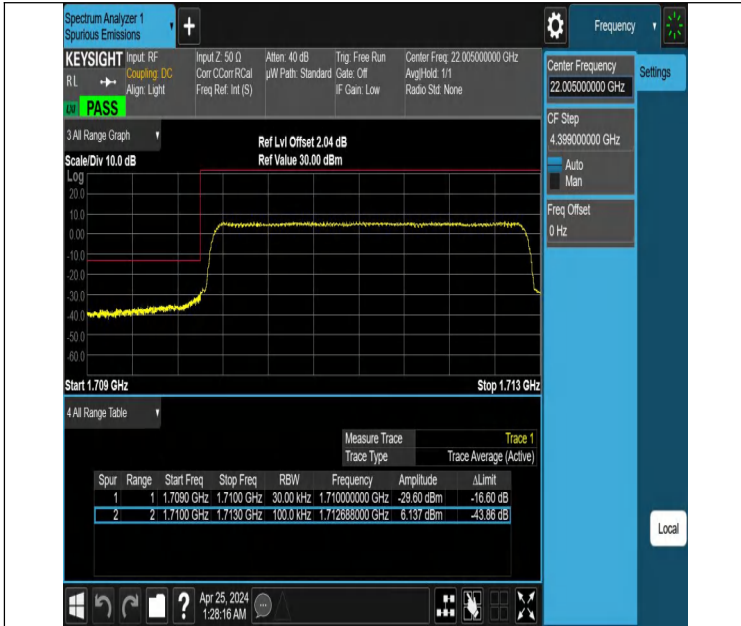
Band4_1.4MHz_QPSK_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



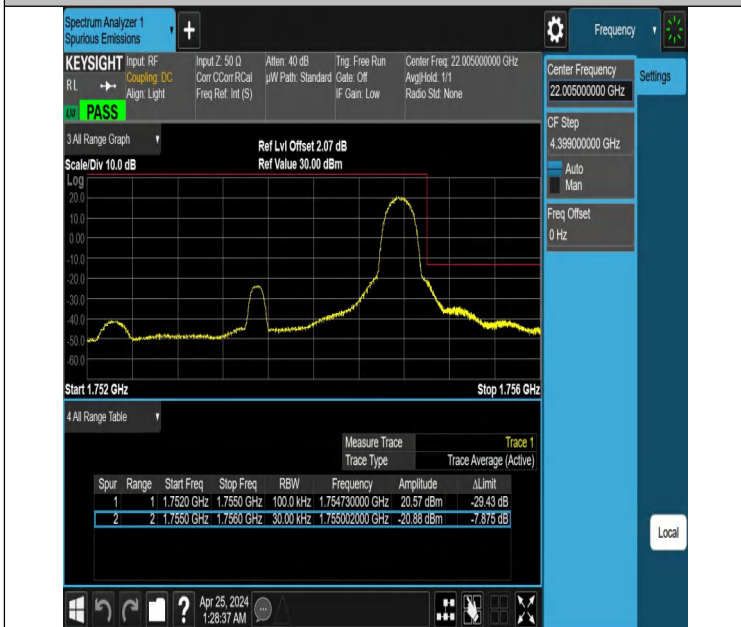
Band4_3MHz_QPSK_19965_1RB#14



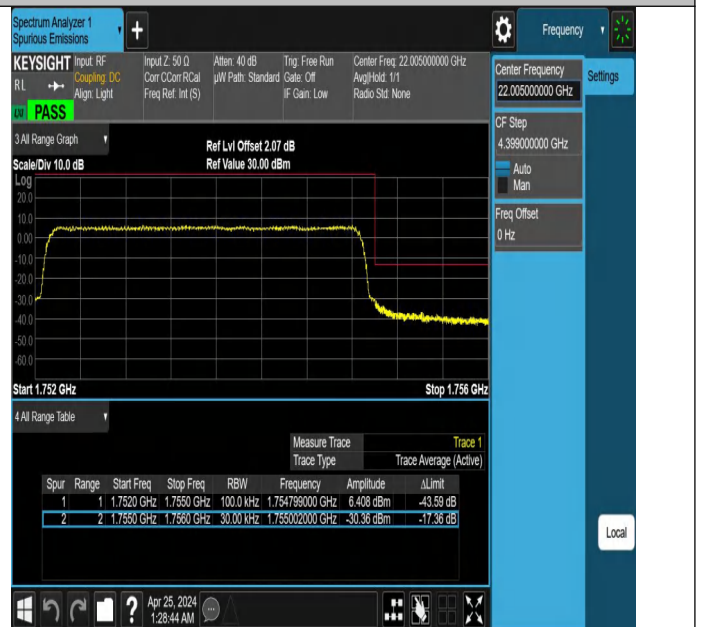
Band4_3MHz_QPSK_19965_15RB#0



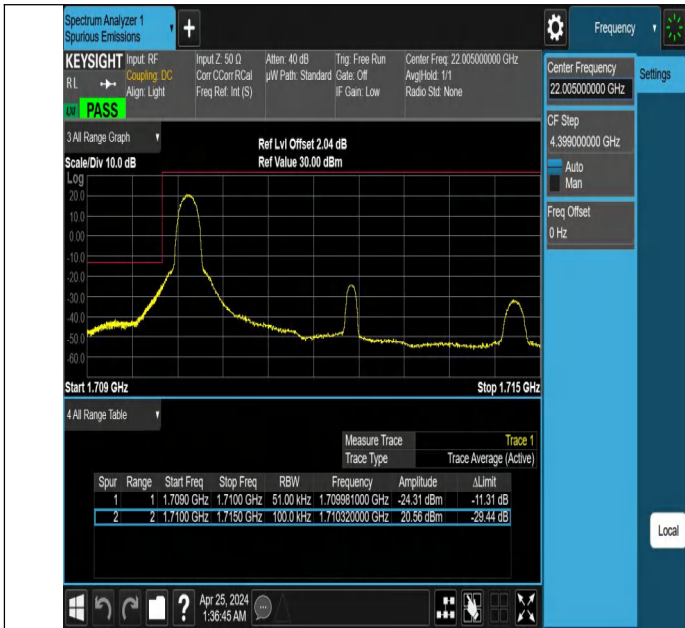
Band4_3MHz_QPSK_20385_1RB#0



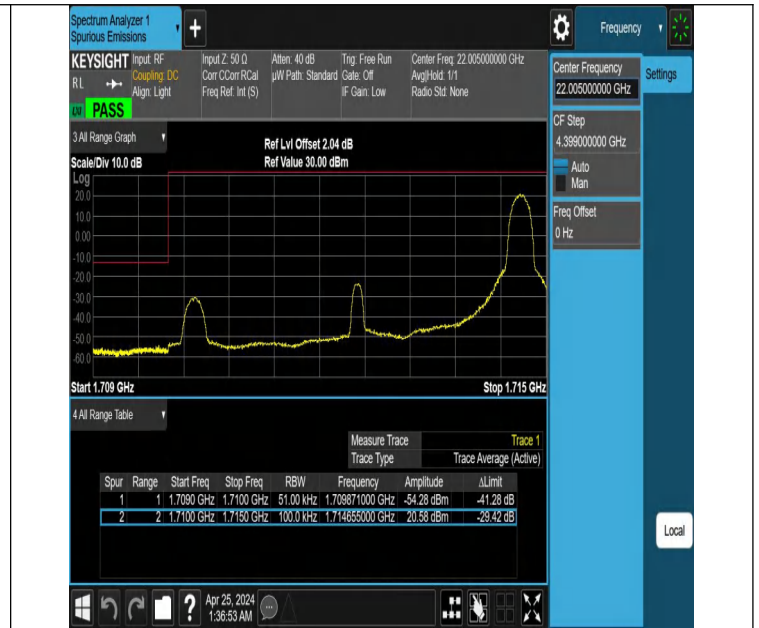
Band4_3MHz_QPSK_20385_1RB#14



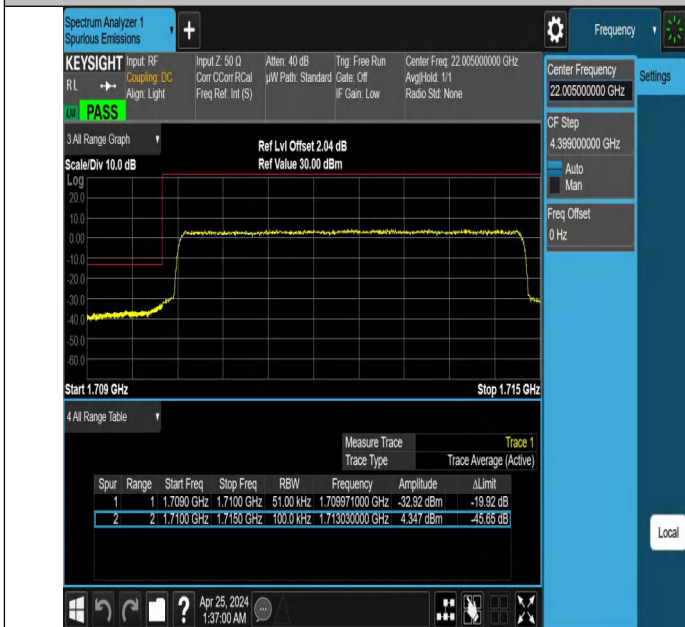
Band4_3MHz_QPSK_20385_15RB#0



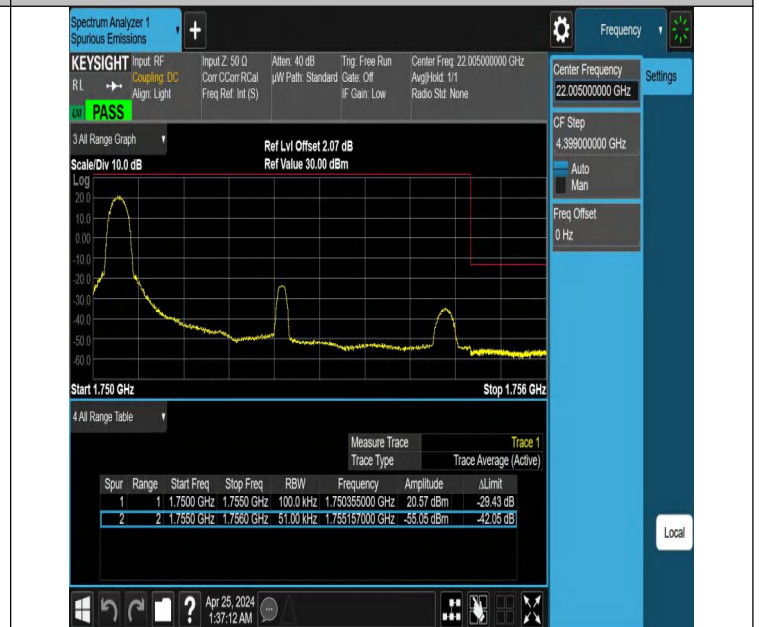
Band4_5MHz_QPSK_19975_1RB#0



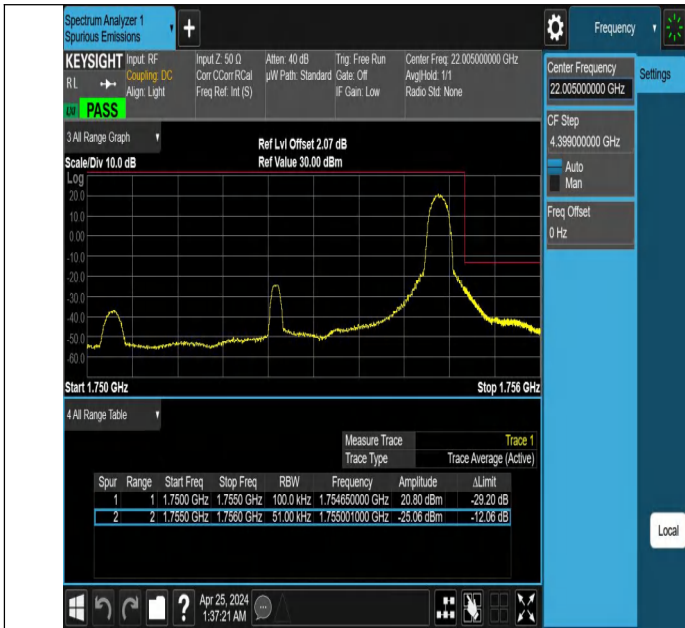
Band4_5MHz_QPSK_19975_1RB#24



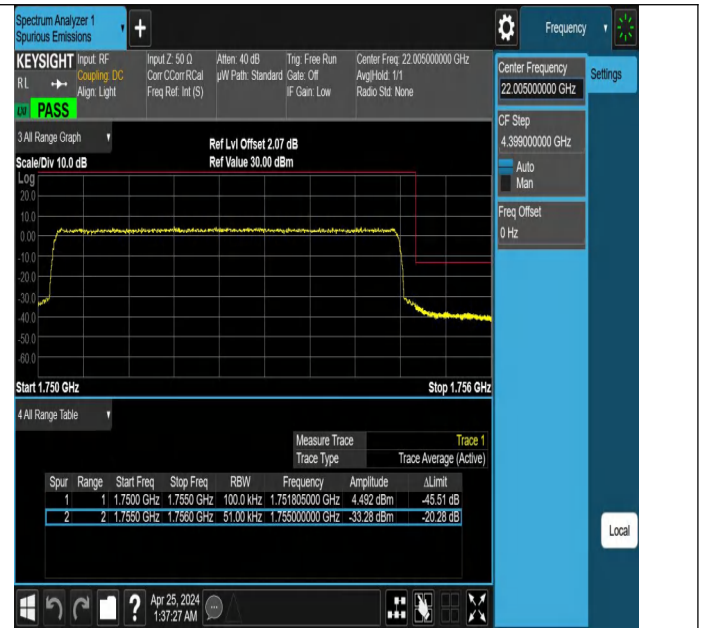
Band4_5MHz_QPSK_19975_25RB#0



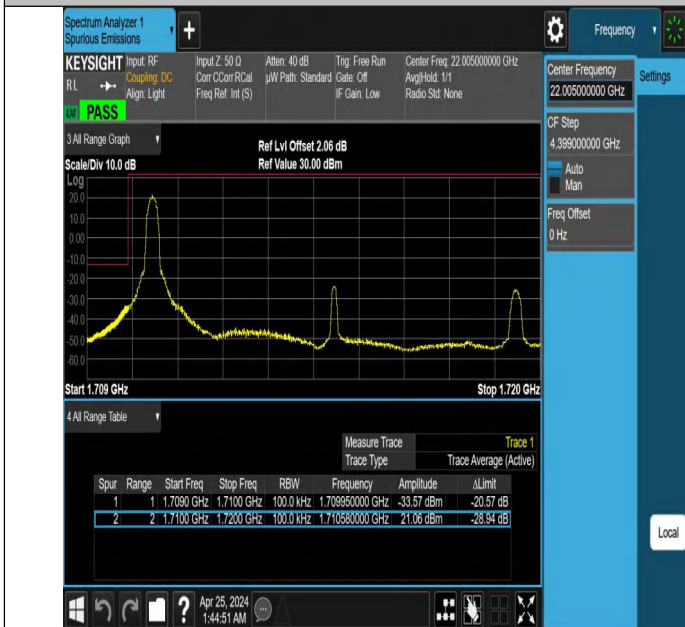
Band4_5MHz_QPSK_20375_1RB#0



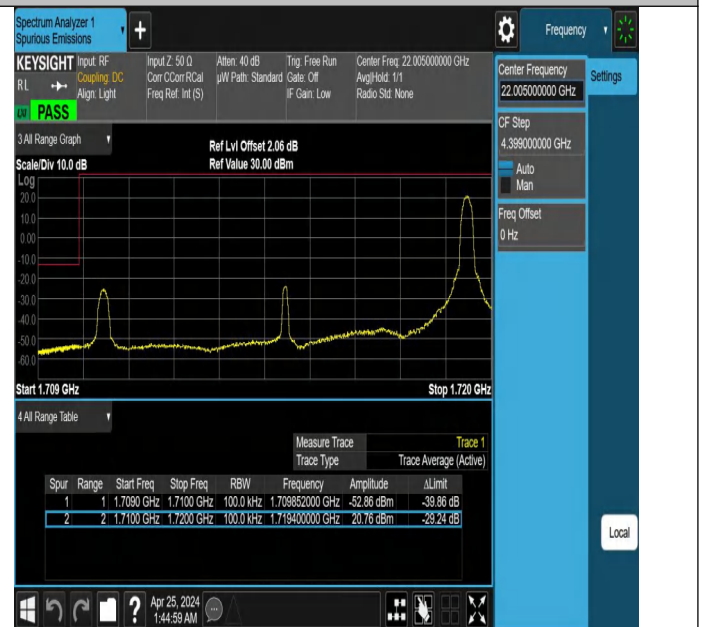
Band4_5MHz_QPSK_20375_1RB#24



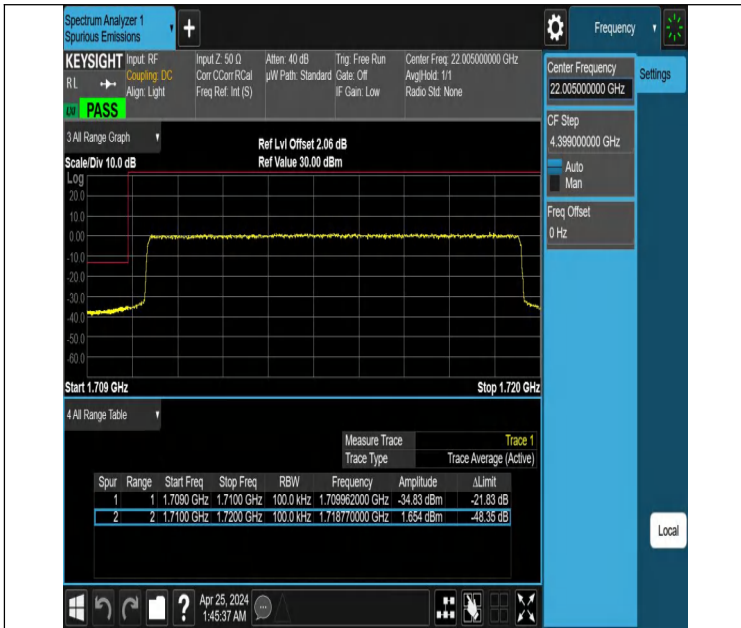
Band4_5MHz_QPSK_20375_25RB#0



Band4_10MHz_QPSK_20000_1RB#0



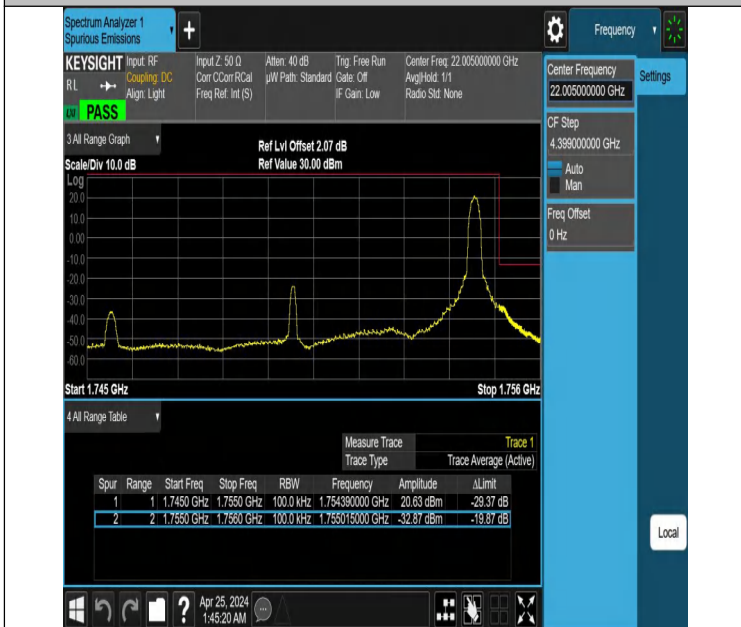
Band4_10MHz_QPSK_20000_1RB#49



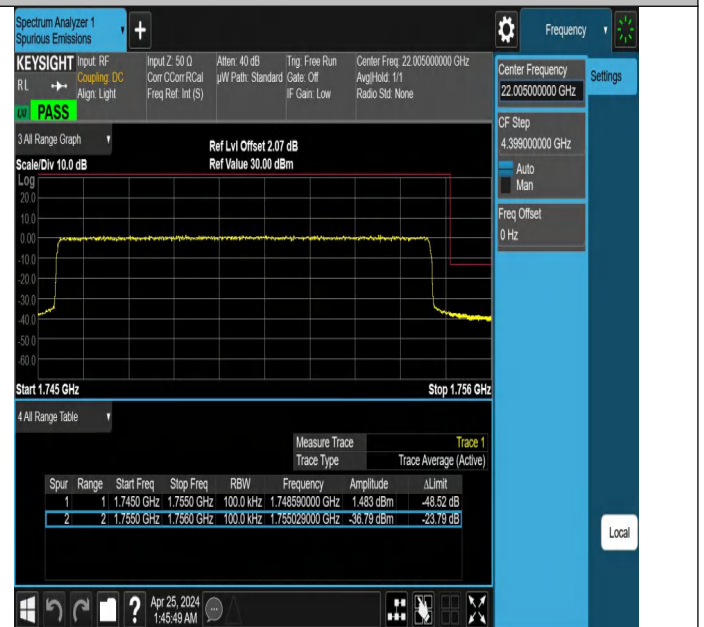
Band4_10MHz_QPSK_20000_50RB#0



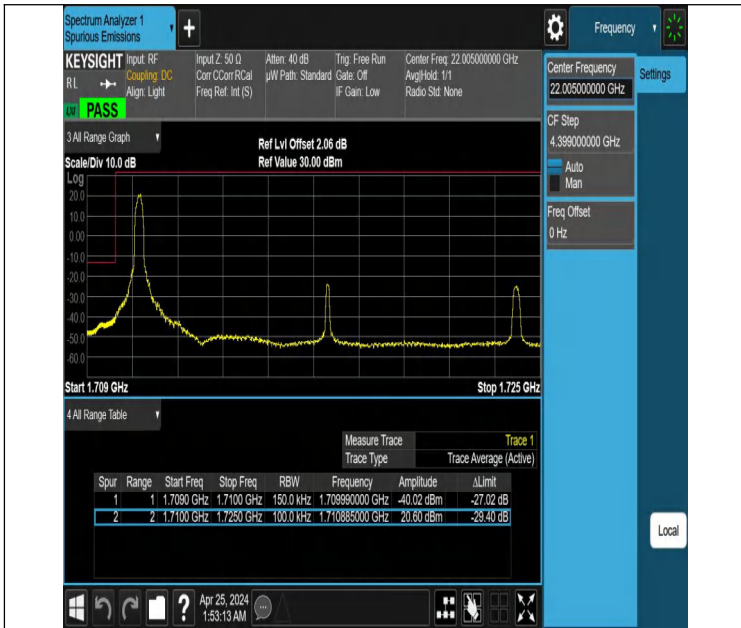
Band4_10MHz_QPSK_20350_1RB#0



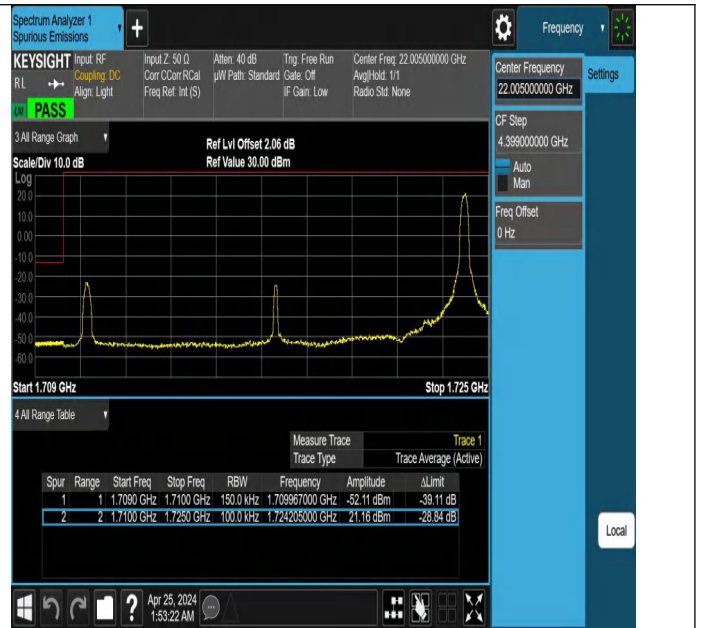
Band4_10MHz_QPSK_20350_1RB#49



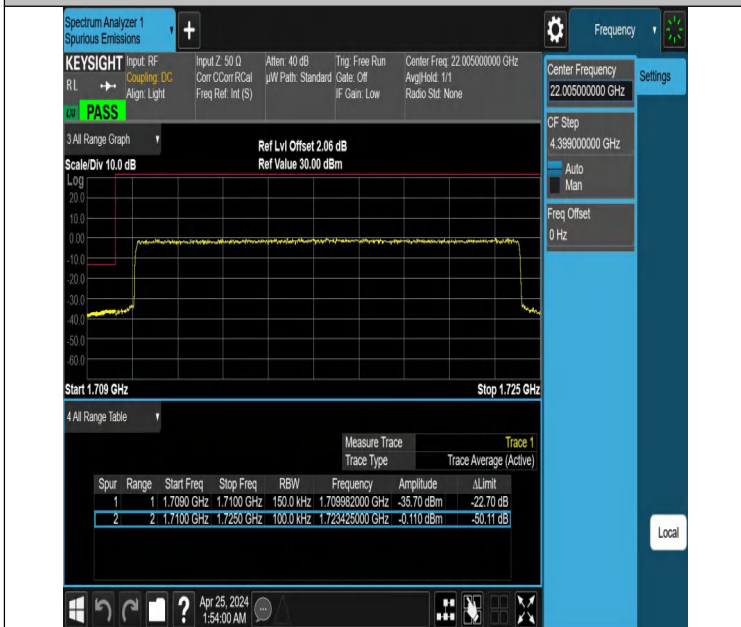
Band4_10MHz_QPSK_20350_50RB#0



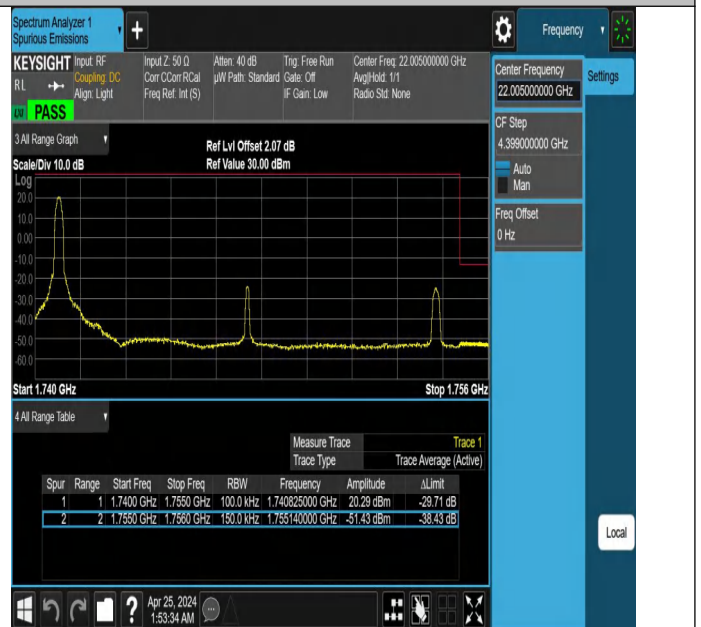
Band4_15MHz_QPSK_2025_1RB#0



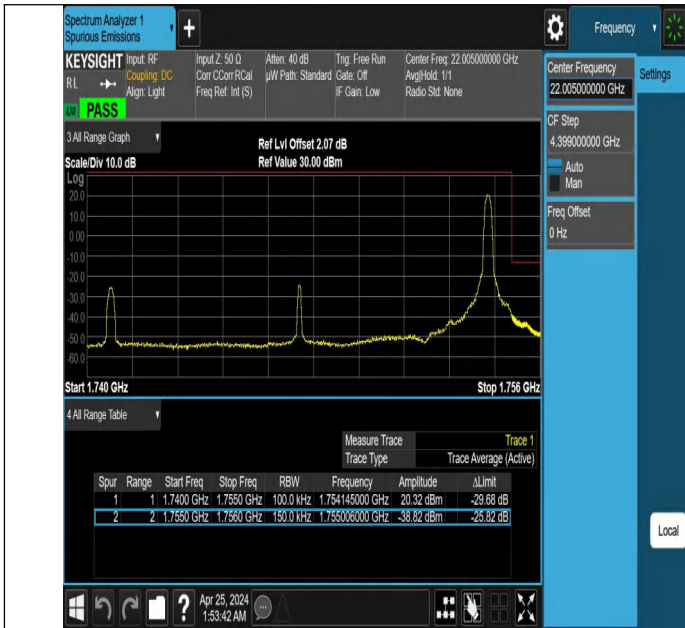
Band4_15MHz_QPSK_2025_1RB#74



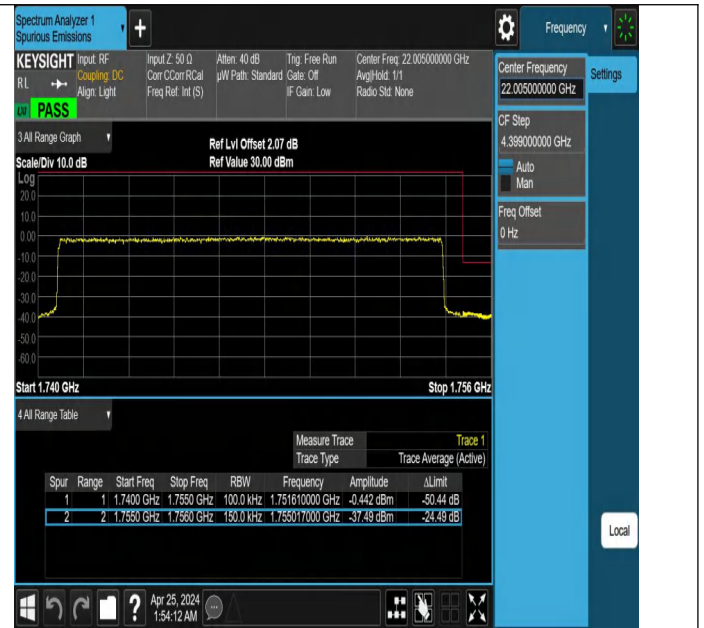
Band4_15MHz_QPSK_2025_75RB#0



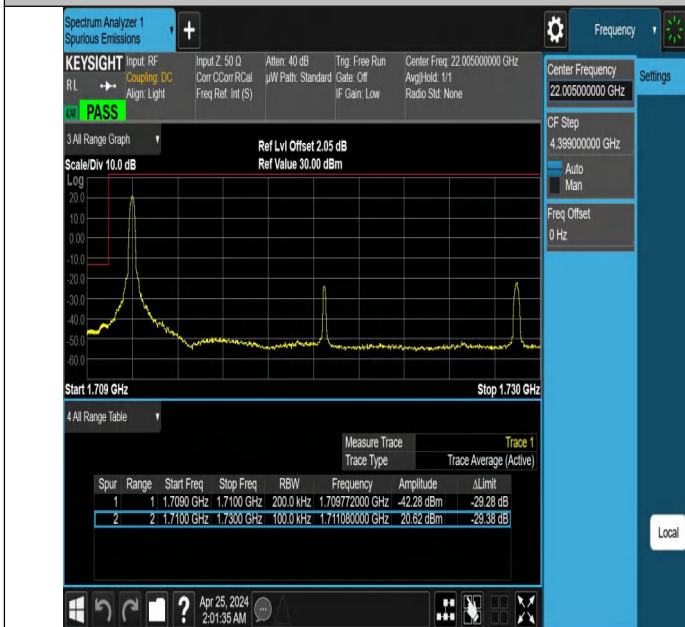
Band4_15MHz_QPSK_20325_1RB#0



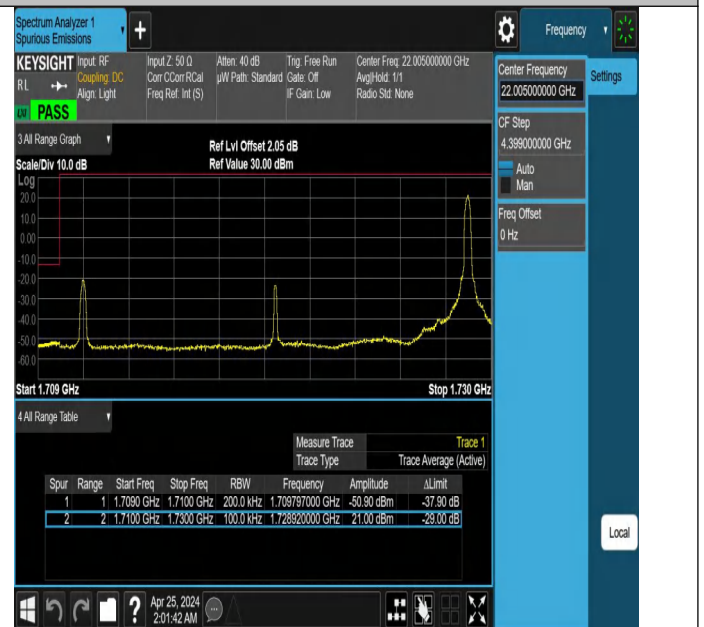
Band4_15MHz_QPSK_20325_1RB#74



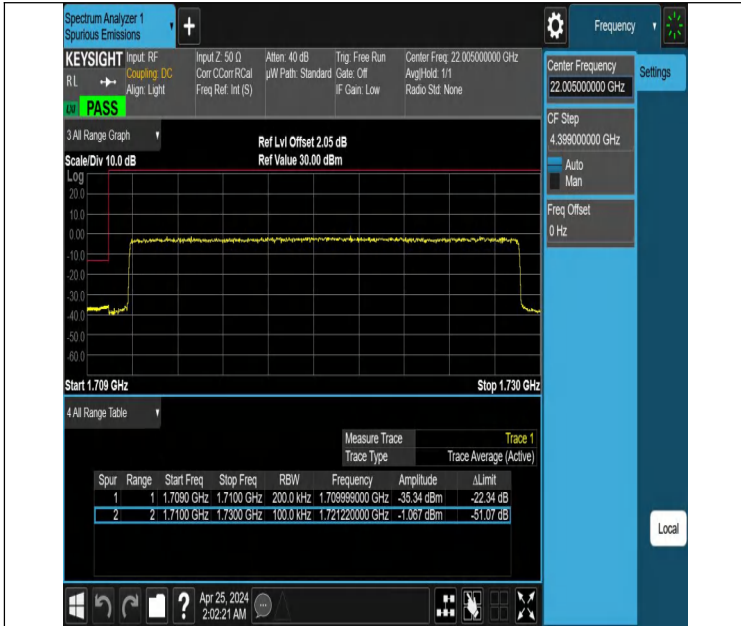
Band4_15MHz_QPSK_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



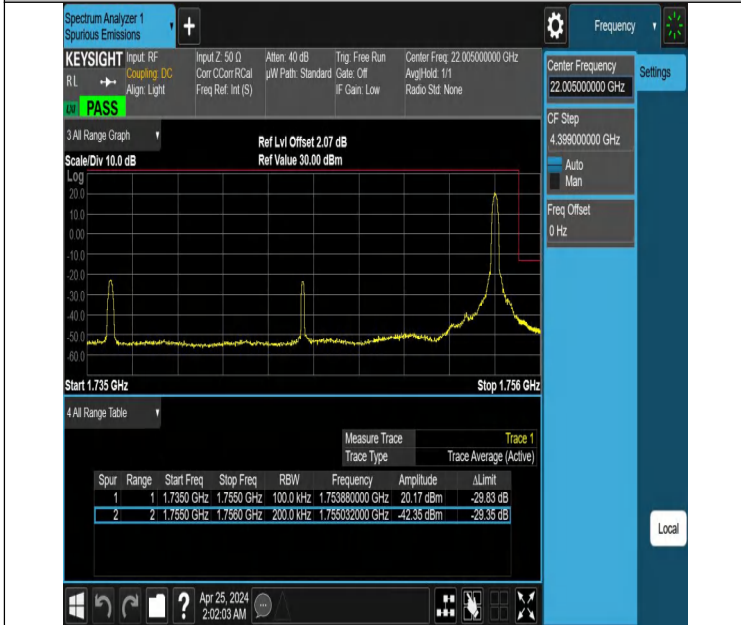
Band4_20MHz_QPSK_20050_1RB#99



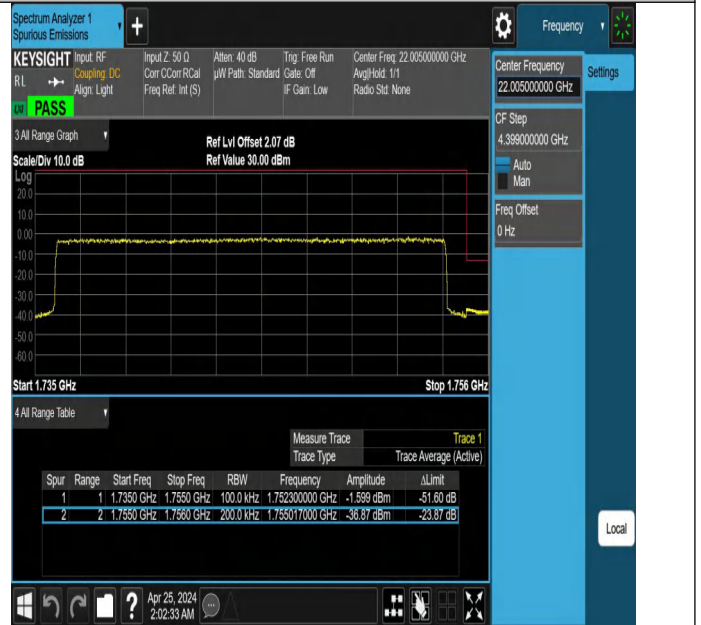
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20300_1RB#0



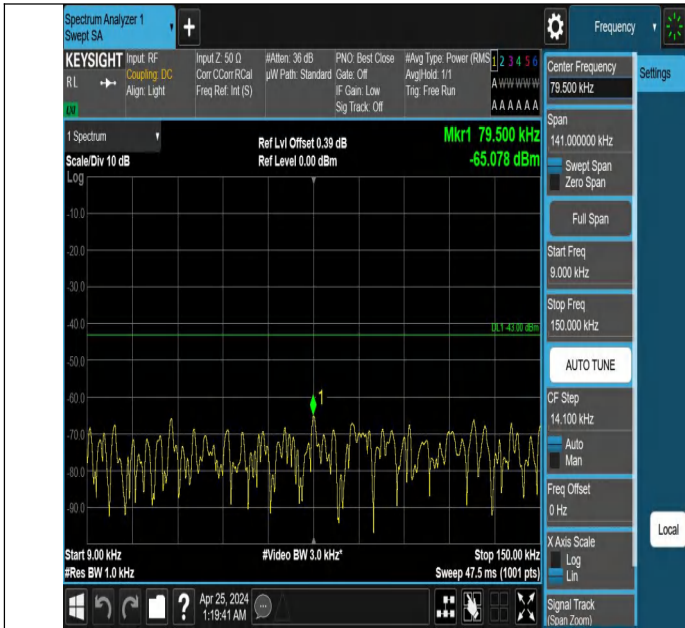
Band4_20MHz_QPSK_20300_1RB#99



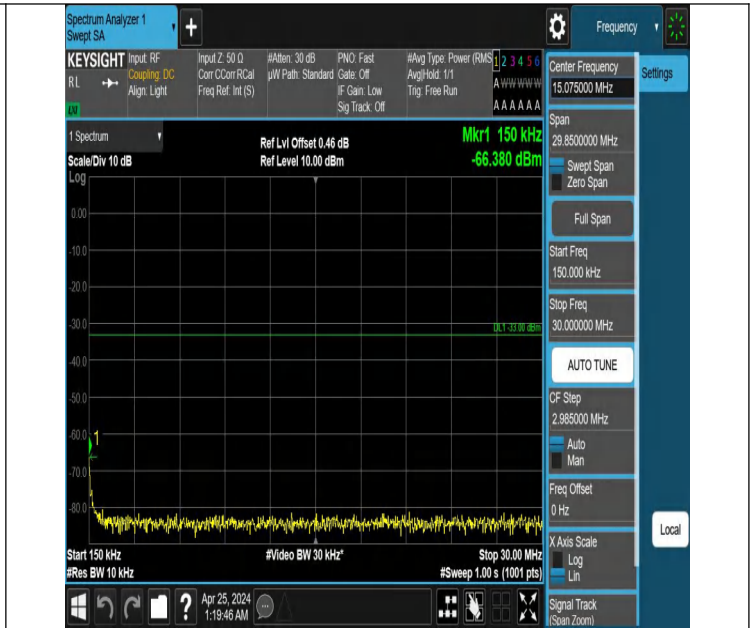
Band4_20MHz_QPSK_20300_100RB#0

Conducted Spurious Emission

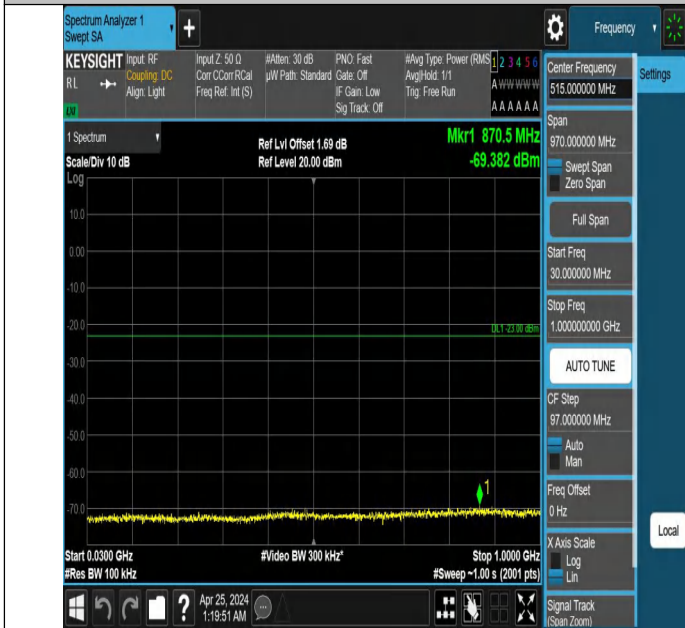
Test Graphs



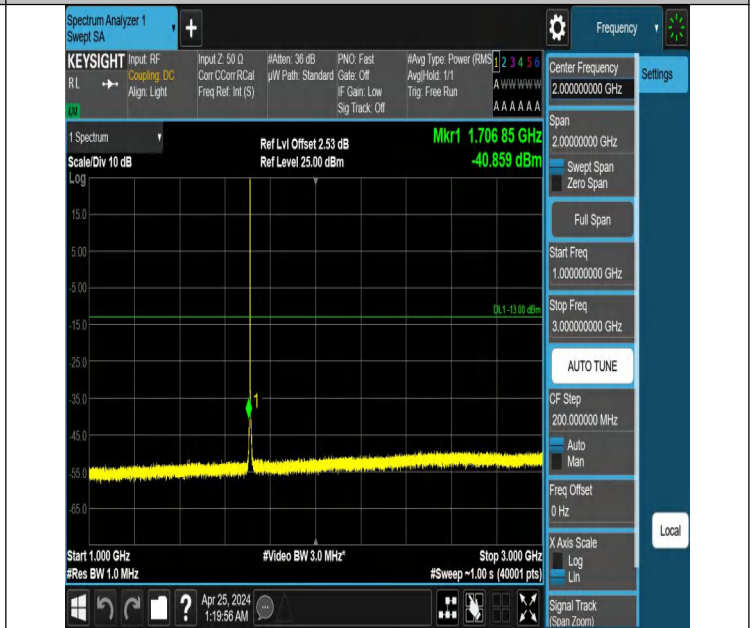
Band4_1.4MHz_QPSK_19957_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_19957_1RB#0_1000~3000_1000~3000