

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	23.15	25.15	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.21	25.21	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.12	25.12	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.33	24.33	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.18	25.18	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.22	25.22	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.29	25.29	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.23	24.23	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.12	25.12	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.09	25.09	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.40	25.4	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.31	24.31	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.24	24.24	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.27	24.27	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.31	24.31	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.32	23.32	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.68	24.68	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.86	24.86	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.22	24.22	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.21	23.21	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.97	23.97	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.48	24.48	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.32	24.32	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.24	23.24	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.15	25.15	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.11	25.11	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.34	25.34	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.05	24.05	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.32	25.32	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.11	25.11	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.13	25.13	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.12	24.12	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.19	25.19	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.94	24.94	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.11	25.11	30	PASS

Band4	3MHz	QPSK	20385	15RB#0	22.15	24.15	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.18	24.18	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.24	24.24	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.26	24.26	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.16	23.16	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.14	24.14	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.96	23.96	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.04	24.04	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.11	23.11	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.10	24.1	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.06	24.06	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.22	24.22	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.24	23.24	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.09	25.09	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.21	25.21	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.20	25.2	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.06	24.06	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.28	25.28	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.28	25.28	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.23	25.23	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.12	24.12	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.41	25.41	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.14	25.14	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.27	25.27	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.26	24.26	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.20	24.2	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.23	24.23	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.07	24.07	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.16	23.16	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.09	24.09	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.15	24.15	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.28	24.28	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.17	23.17	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.11	24.11	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.15	24.15	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.34	24.34	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.34	23.34	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.01	25.01	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.86	24.86	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.11	25.11	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.10	22.10	30	PASS

Band4	10MHz	QPSK	20175	1RB#0	23.21	25.21	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.32	25.32	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.04	25.04	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.08	22.08	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.39	25.39	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.96	24.96	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.21	25.21	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.02	22.02	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.84	23.84	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.88	23.88	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.05	24.05	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.16	24.16	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.17	24.17	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.95	23.95	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.23	24.23	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.27	24.27	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.18	24.18	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.94	24.94	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.00	25	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.08	25.08	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.13	24.13	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.10	25.1	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.94	24.94	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.89	24.89	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.04	24.04	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.15	25.15	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.88	24.88	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.02	25.02	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.02	24.02	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.13	24.13	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.03	24.03	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.20	24.2	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.92	23.92	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.09	24.09	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.97	23.97	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.15	24.15	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.71	24.71	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.17	24.17	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.03	25.03	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.09	25.09	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.89	24.89	30	PASS

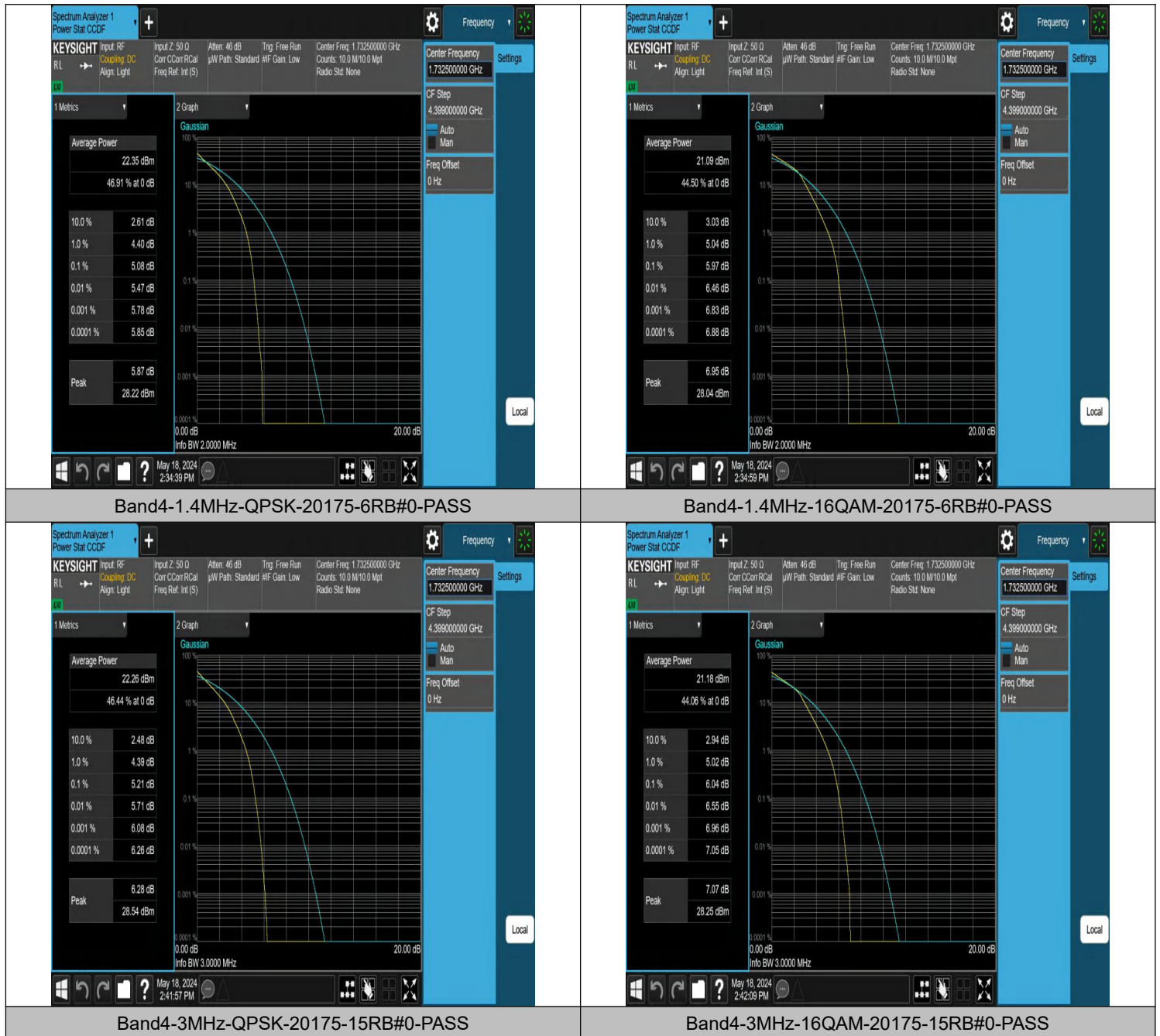
Band4	20MHz	QPSK	20050	100RB#0	22.17	24.17	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.20	25.2	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.22	25.22	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.86	24.86	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.11	24.11	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.26	25.26	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.15	25.15	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.16	25.16	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.01	24.01	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.92	23.92	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.35	24.35	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.08	24.08	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.86	24.86	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.70	24.7	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.52	24.52	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.17	24.17	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.55	24.55	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.00	24	30	PASS

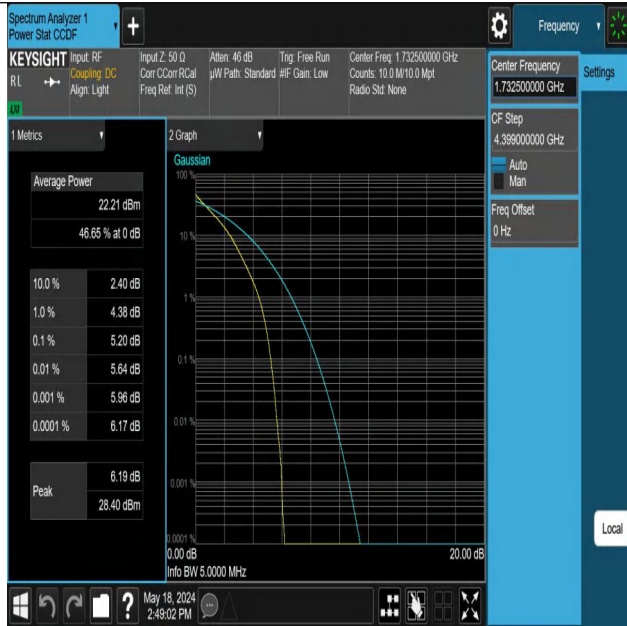
Peak-to-Average Ratio(CCDF)

Test Result

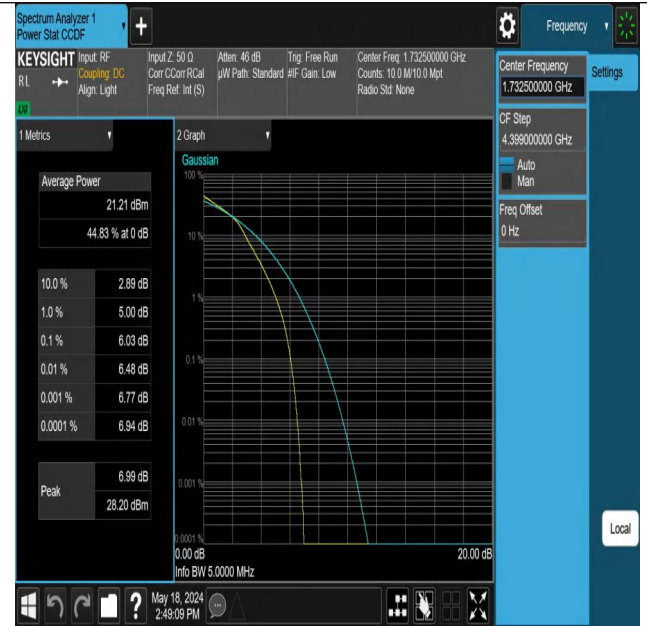
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.08	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.97	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.21	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.04	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.20	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.15	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.31	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.08	13	PASS

Test Graphs





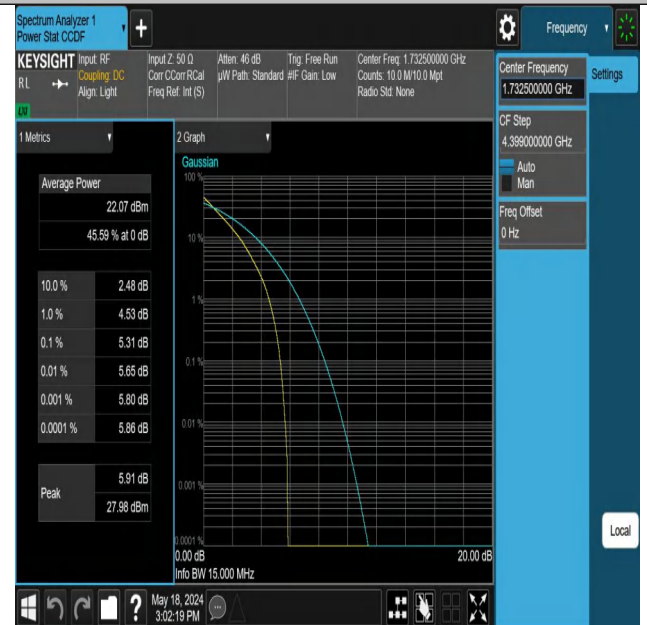
Band4-5MHz-QPSK-20175-25RB#0-PASS



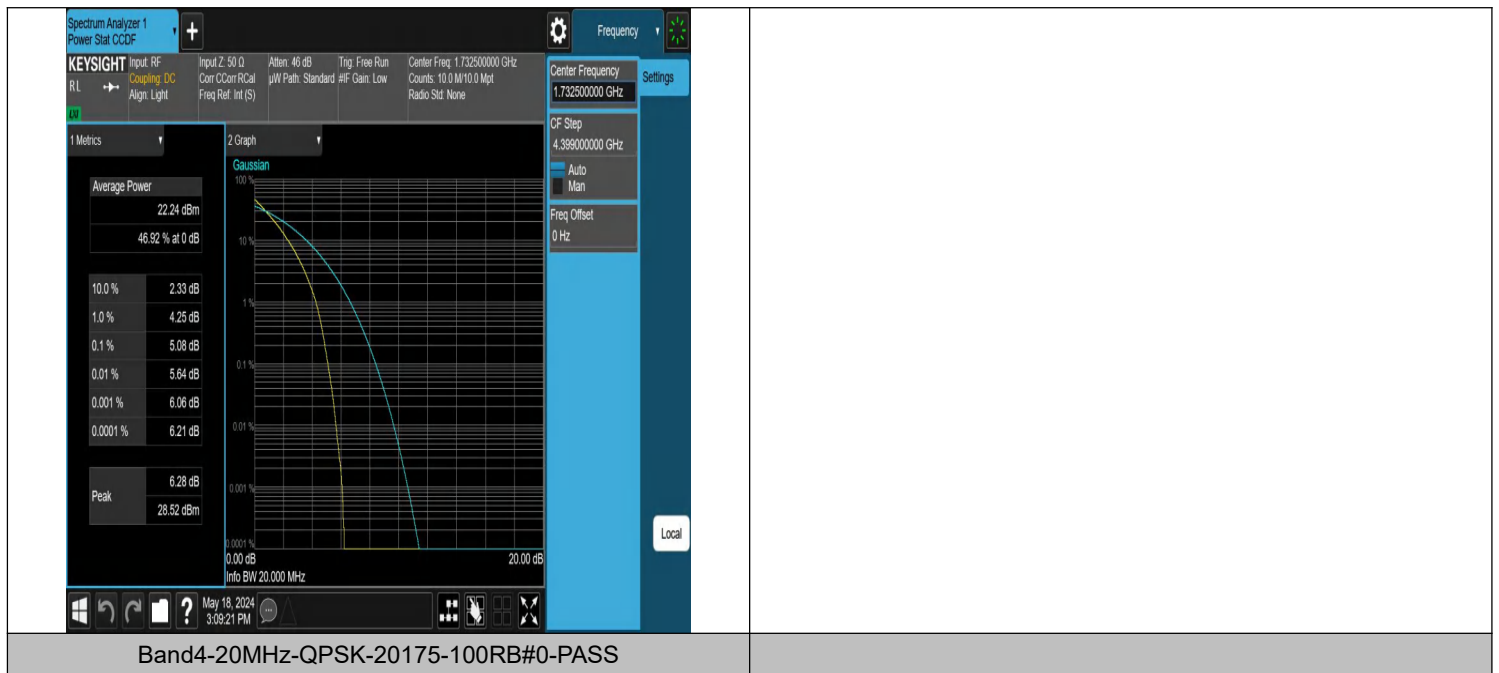
Band4-5MHz-16QAM-20175-25RB#0-PASS



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



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



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	1.0960	1.301	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0979	1.301	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6995	2.954	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6911	2.960	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5138	5.023	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5062	4.995	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9724	9.902	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.441	14.72	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.891	19.41	PASS

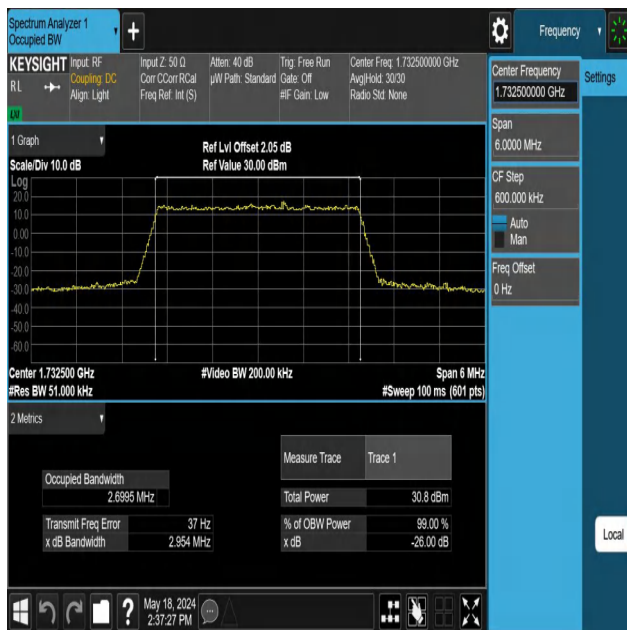
Test Graphs



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



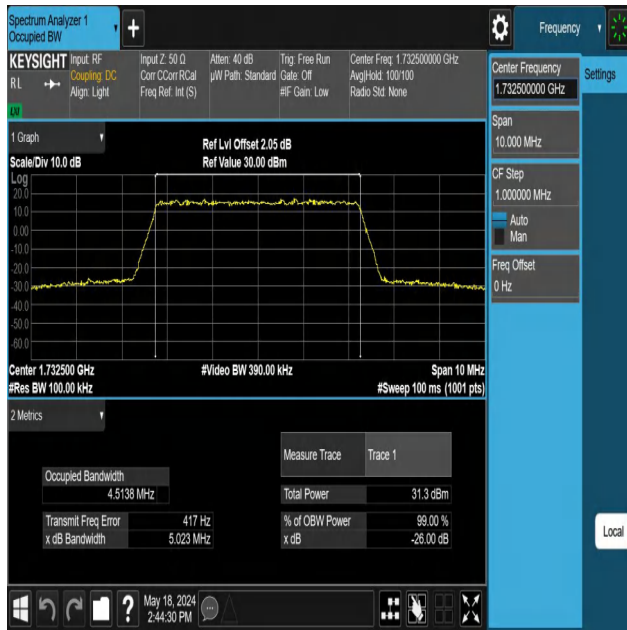
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



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



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



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



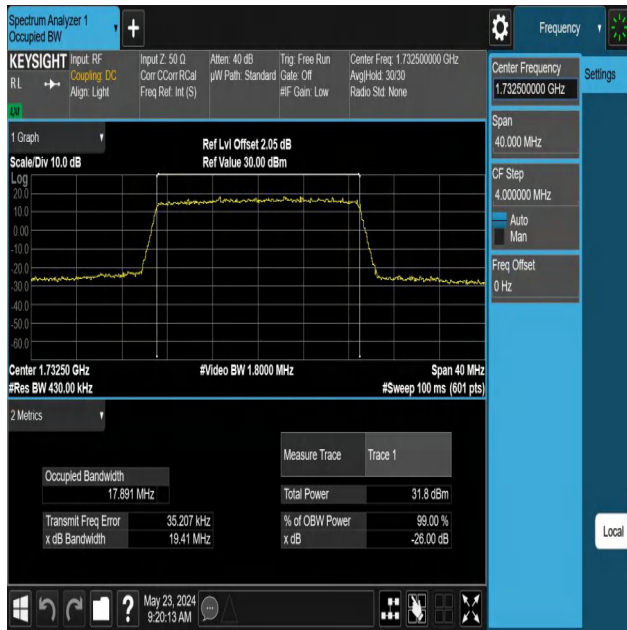
Band4-5MHz-16QAM-20175-25RB#0-PASS



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



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



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

Band Edge

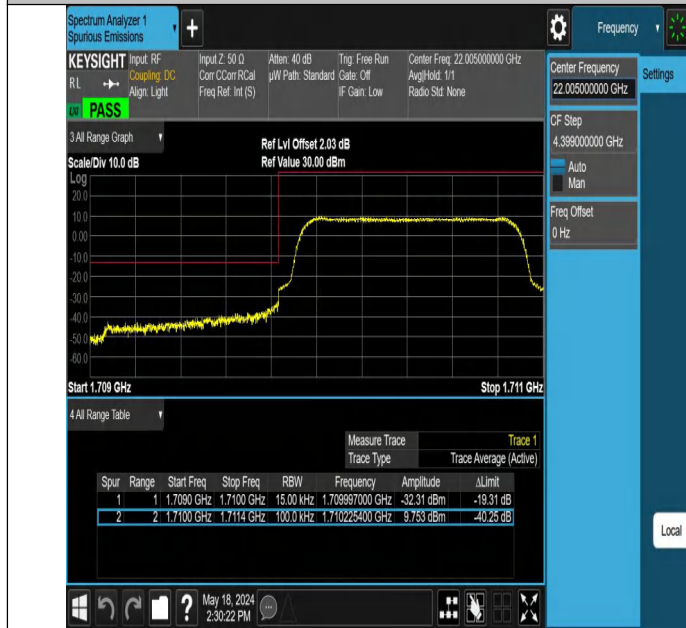
Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



Band4_1.4MHz_QPSK_19957_1RB#5



Band4_1.4MHz_QPSK_19957_6RB#0



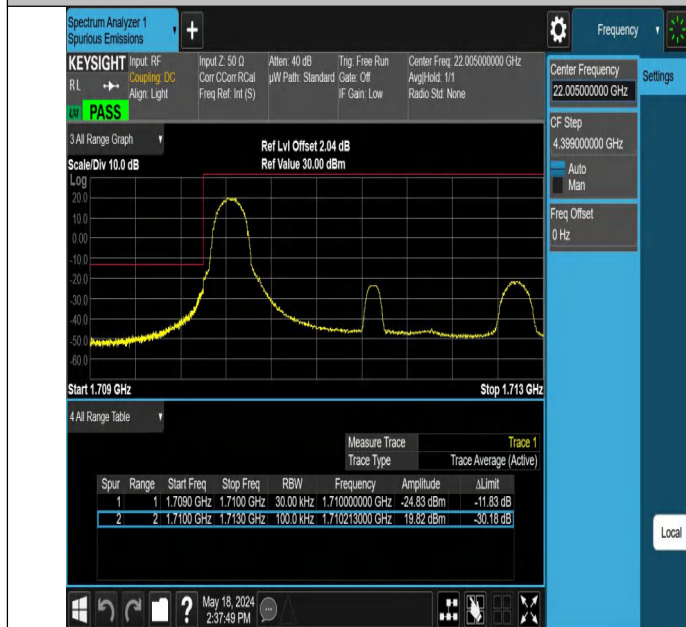
Band4_1.4MHz_QPSK_20393_1RB#0



Band4_1.4MHz_QPSK_20393_1RB#5



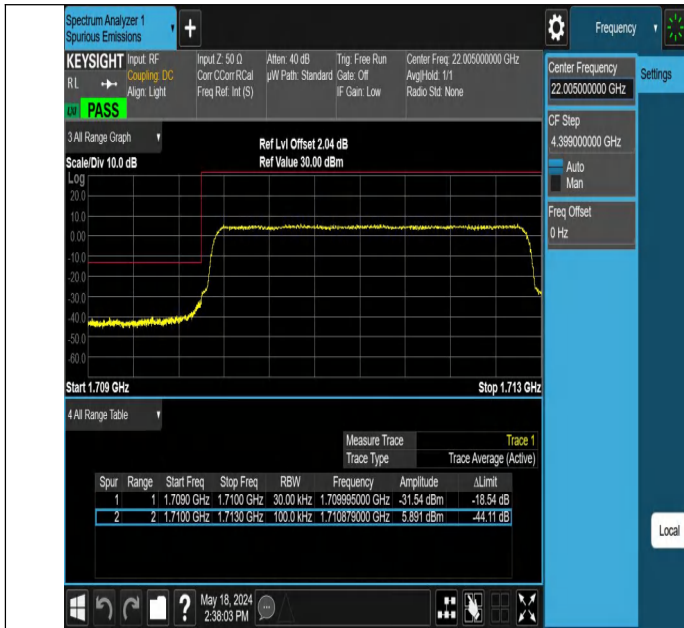
Band4_1.4MHz_QPSK_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



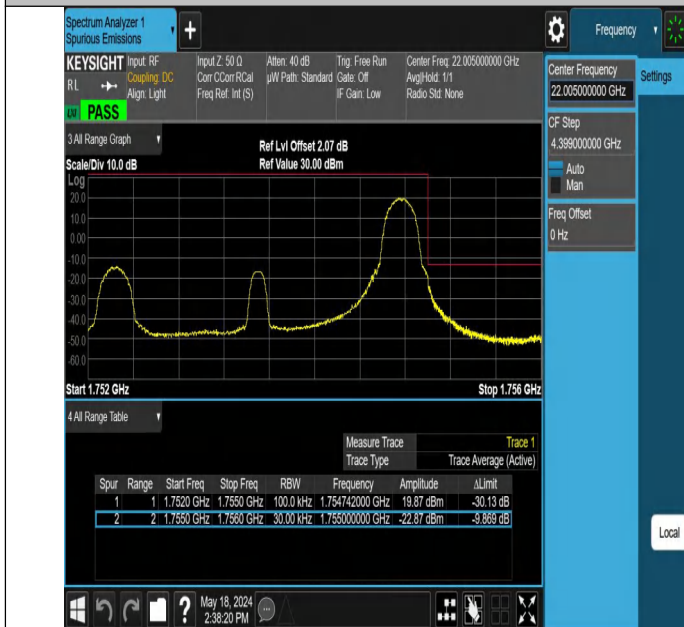
Band4_3MHz_QPSK_19965_1RB#14



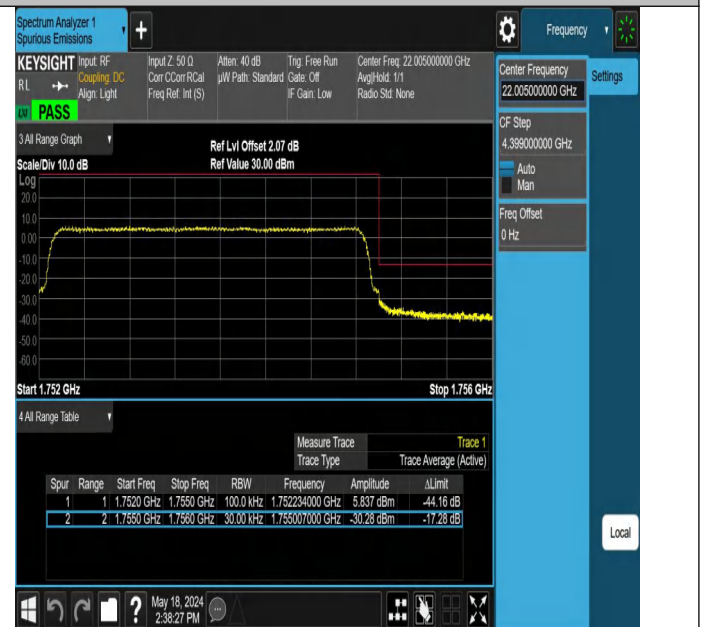
Band4_3MHz_QPSK_19965_15RB#0



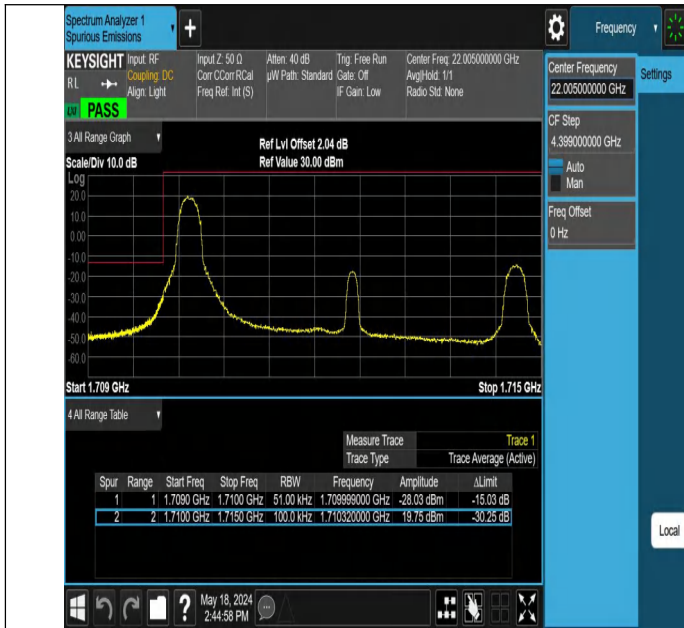
Band4_3MHz_QPSK_20385_1RB#0



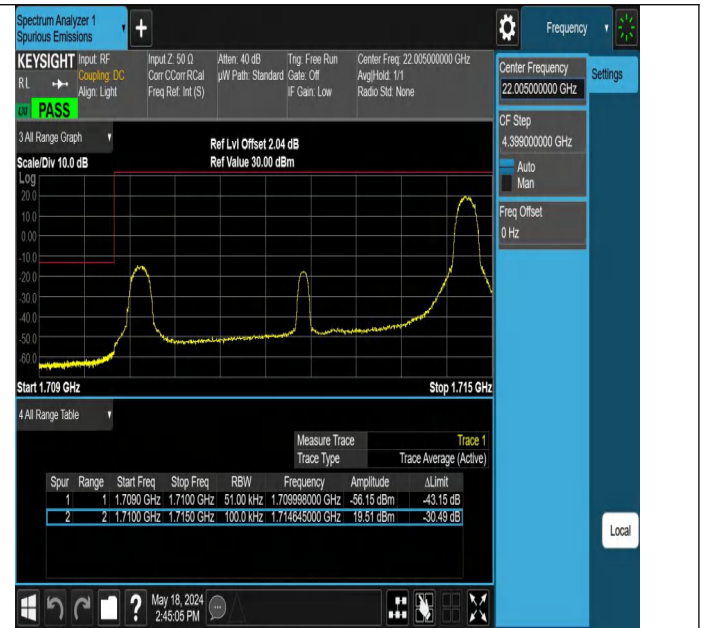
Band4_3MHz_QPSK_20385_1RB#14



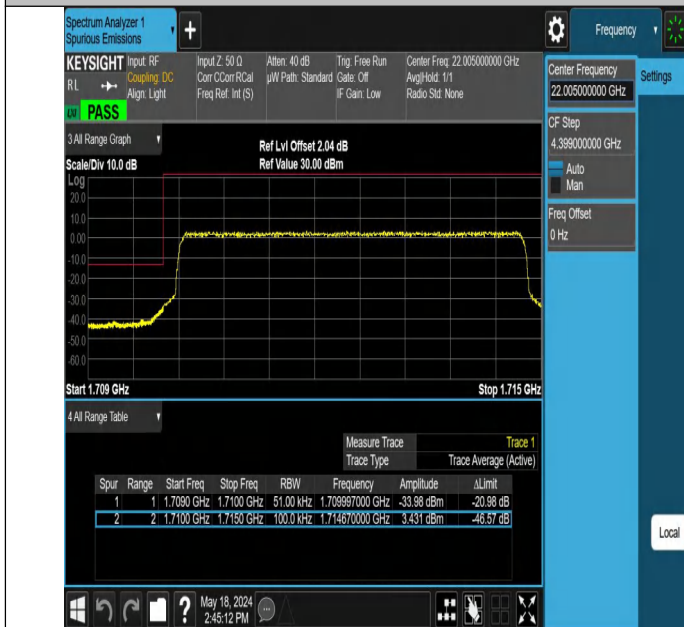
Band4_3MHz_QPSK_20385_15RB#0



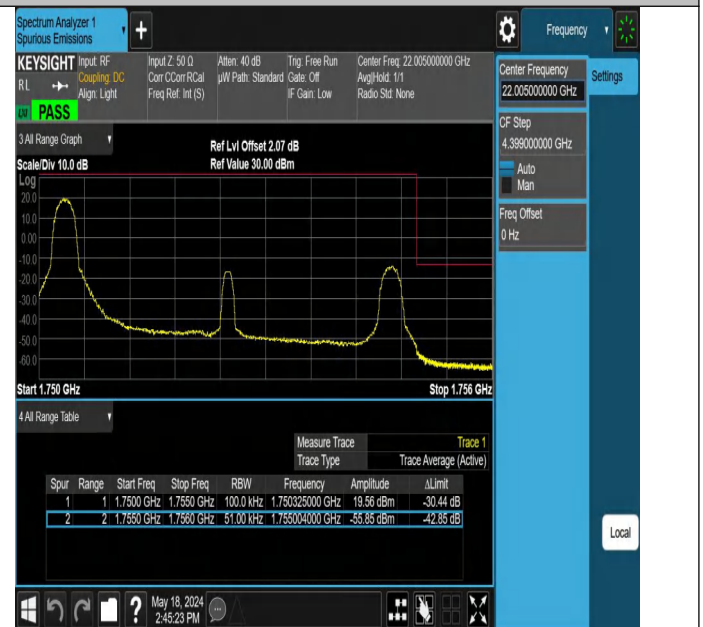
Band4_5MHz_QPSK_19975_1RB#0



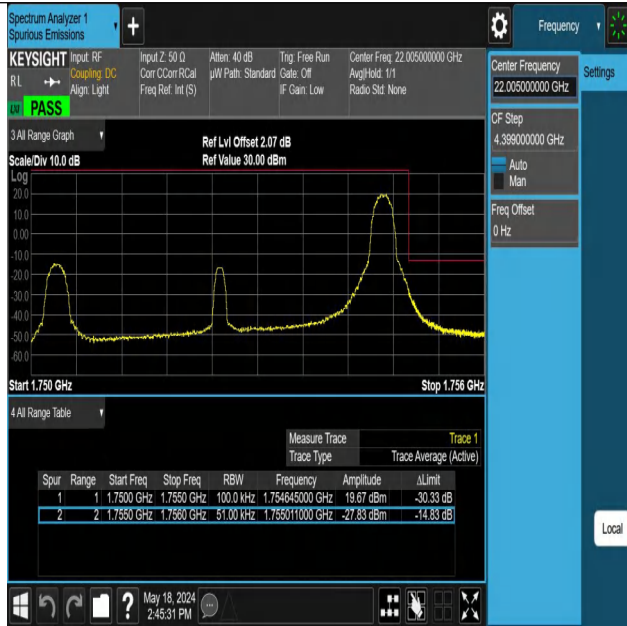
Band4_5MHz_QPSK_19975_1RB#24



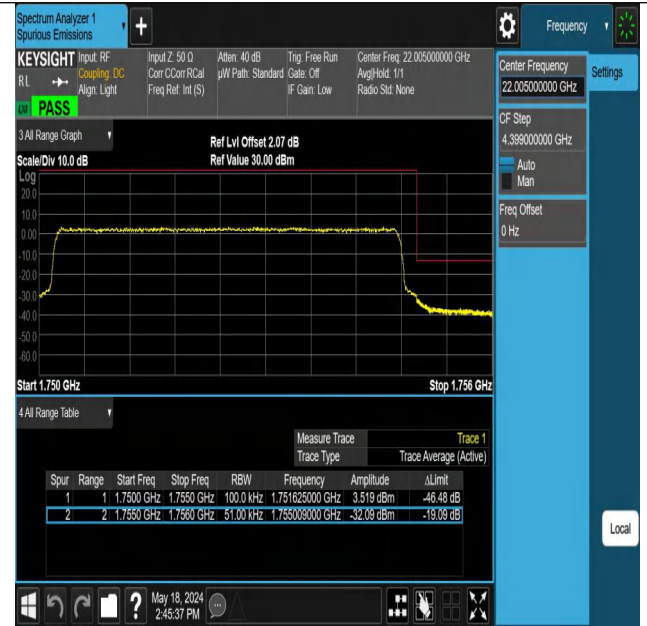
Band4_5MHz_QPSK_19975_25RB#0



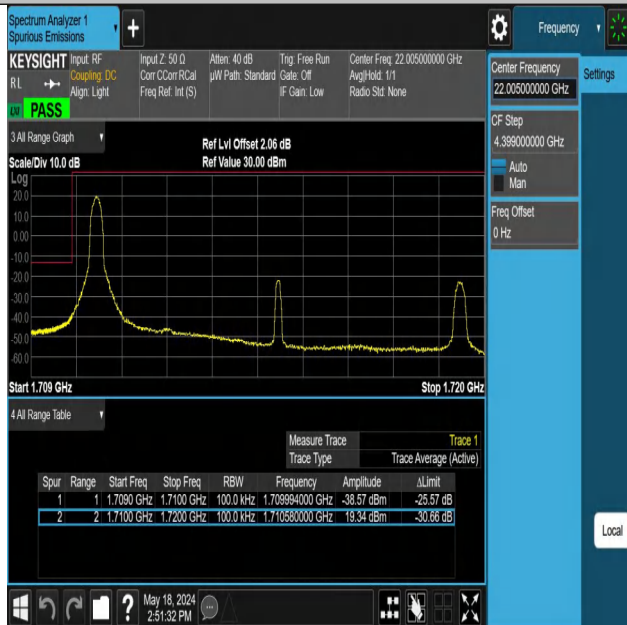
Band4_5MHz_QPSK_20375_1RB#0



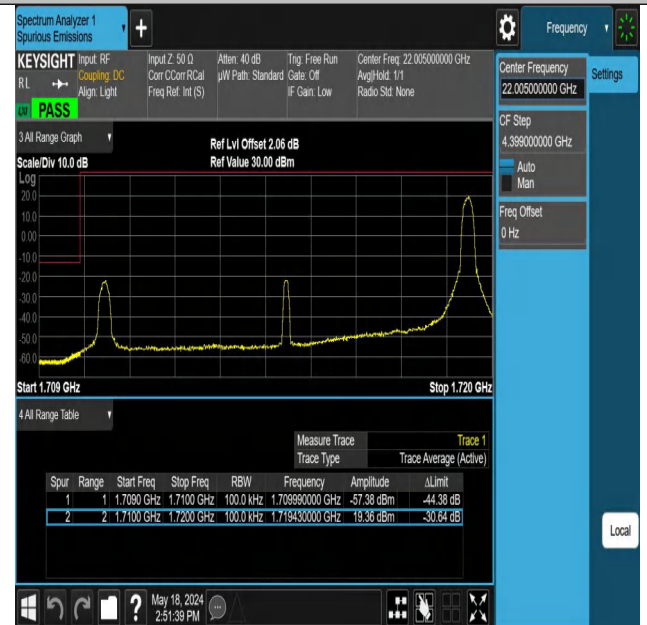
Band4_5MHz_QPSK_20375_1RB#24



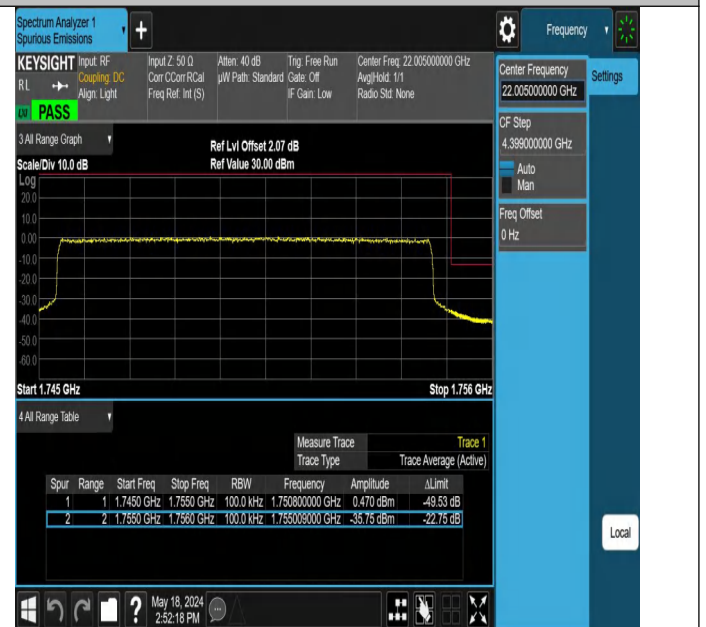
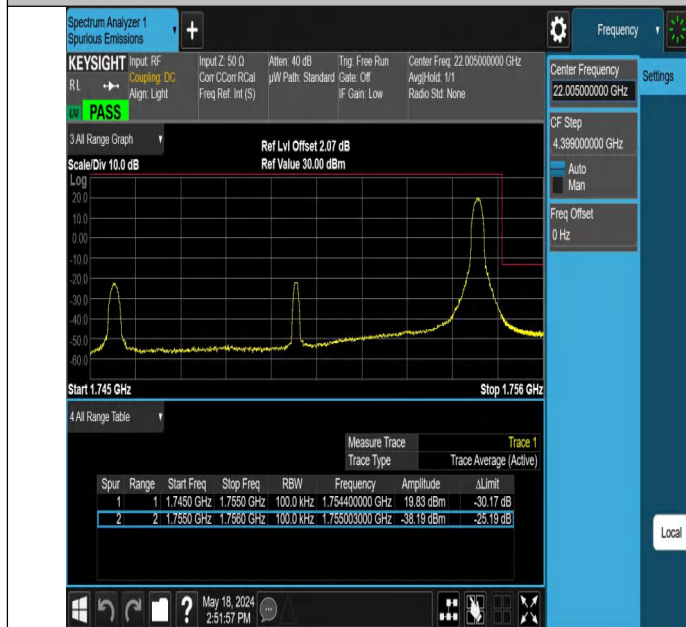
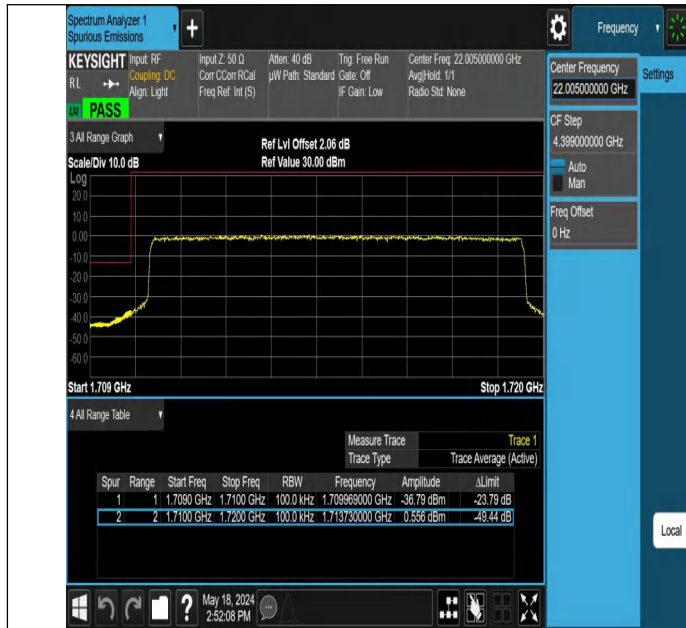
Band4_5MHz_QPSK_20375_25RB#0

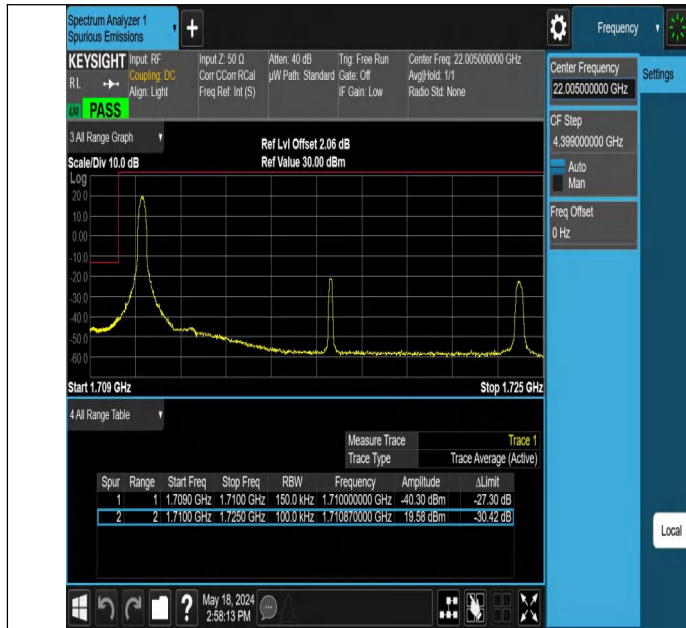


Band4_10MHz_QPSK_20000_1RB#0

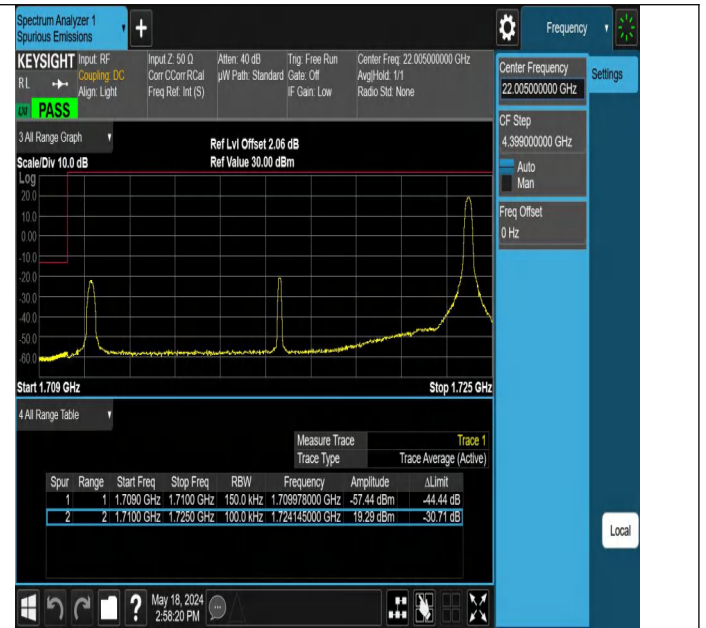


Band4_10MHz_QPSK_20000_1RB#49

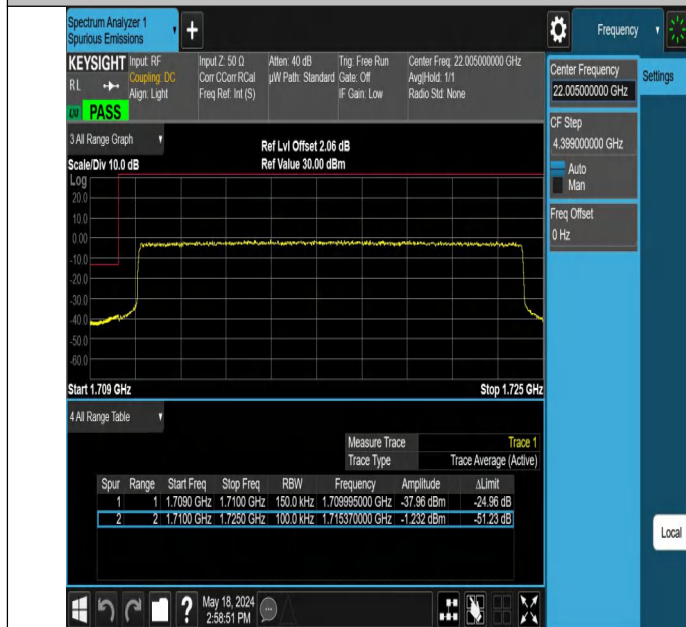




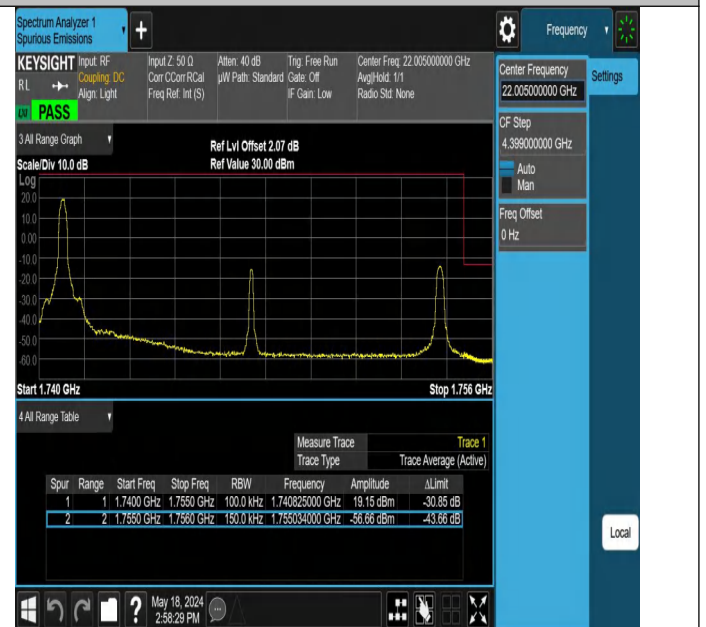
Band4_15MHz_QPSK_20025_1RB#0



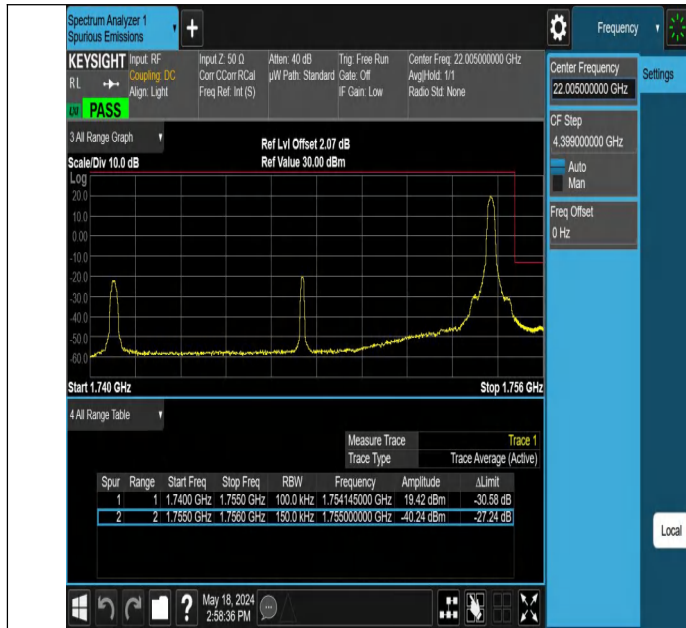
Band4_15MHz_QPSK_20025_1RB#74



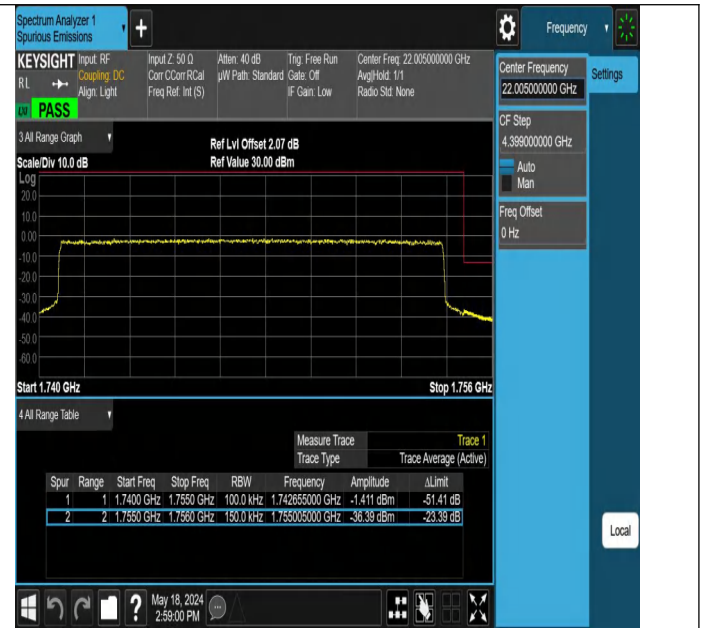
Band4_15MHz_QPSK_20025_75RB#0



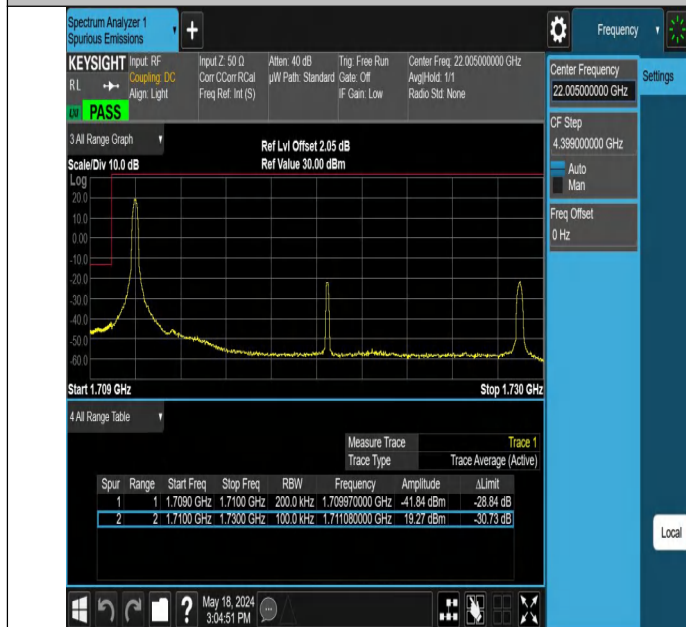
Band4_15MHz_QPSK_20325_1RB#0



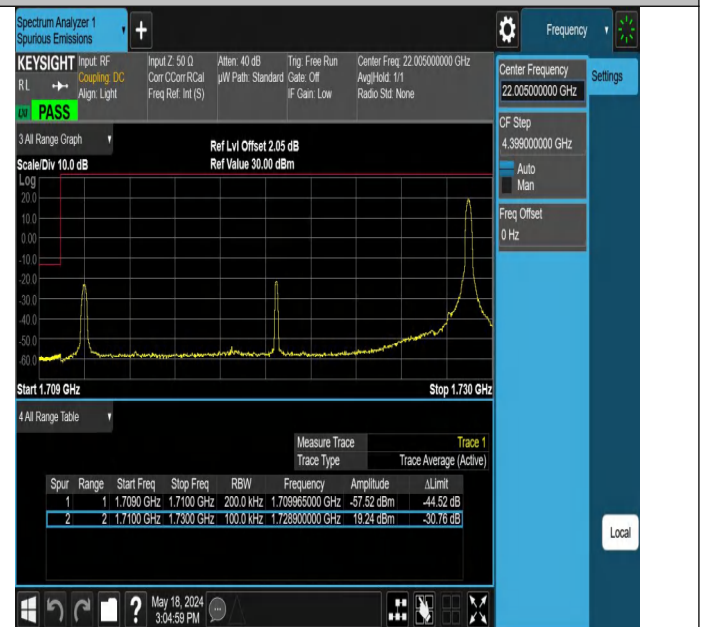
Band4_15MHz_QPSK_20325_1RB#74



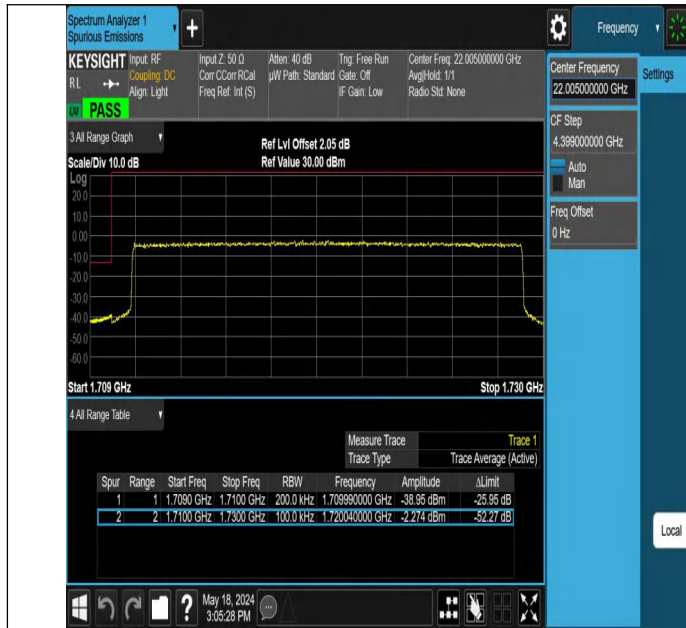
Band4_15MHz_QPSK_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



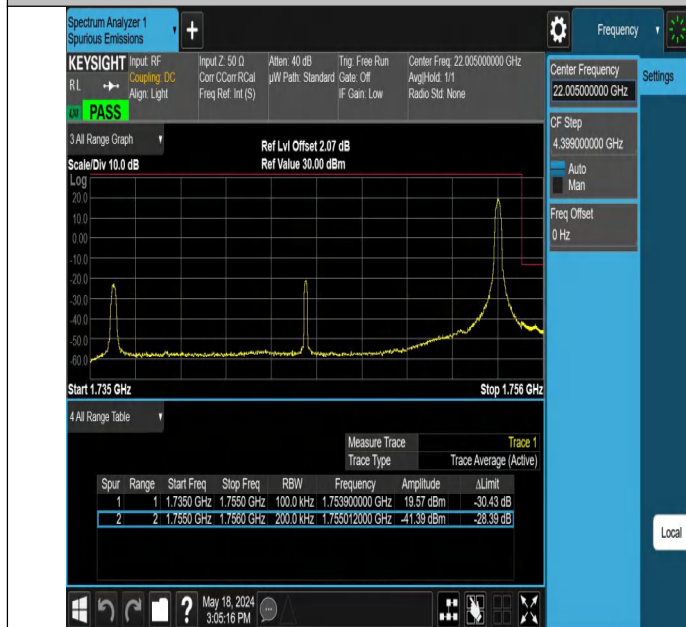
Band4_20MHz_QPSK_20050_1RB#99



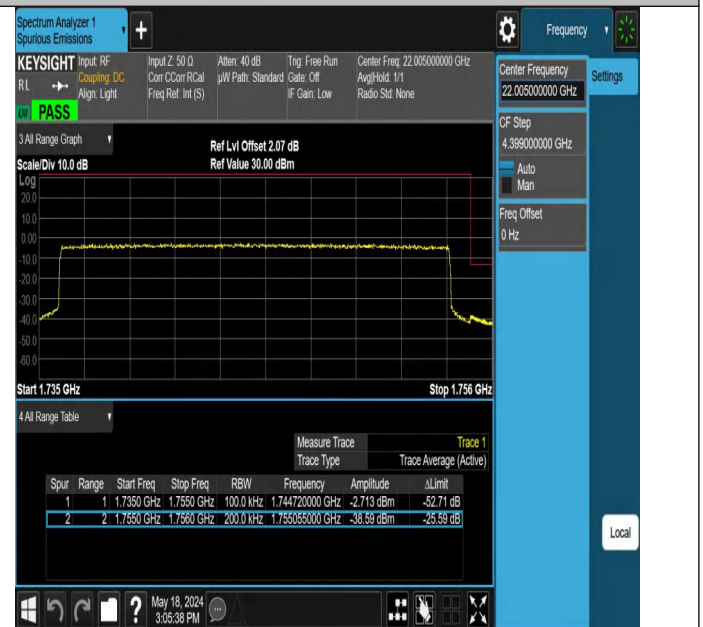
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20300_1RB#0



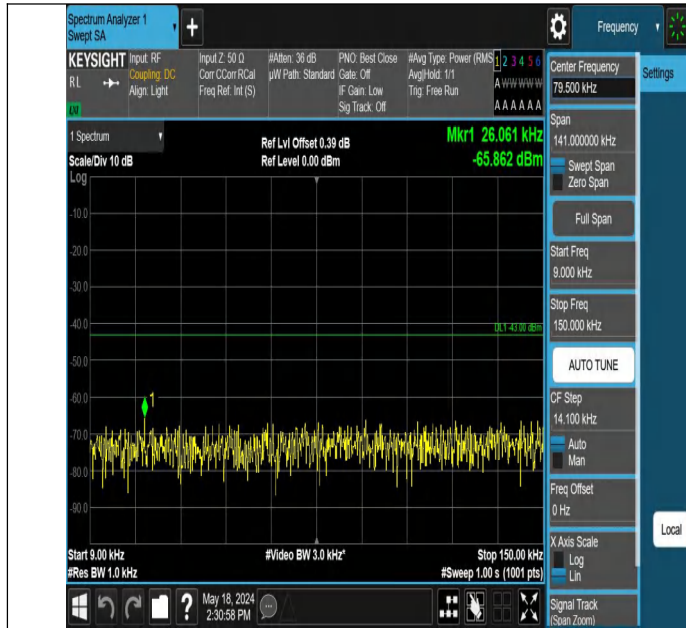
Band4_20MHz_QPSK_20300_1RB#99



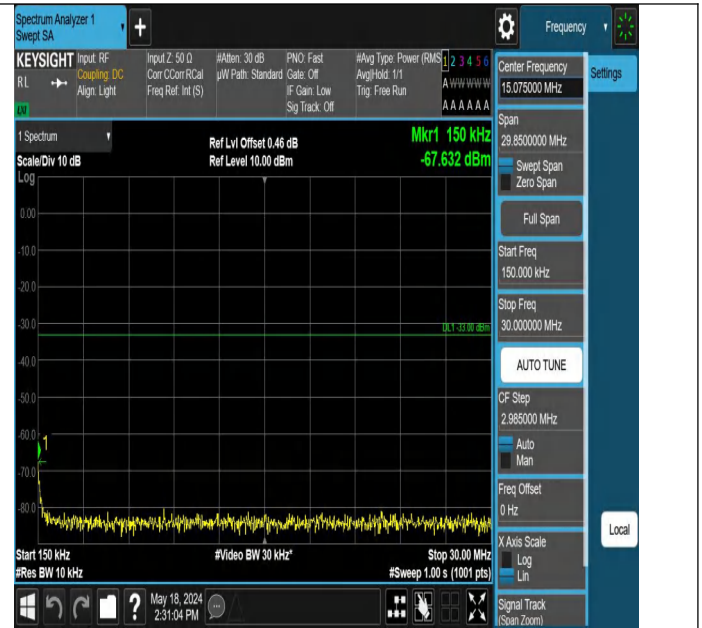
Band4_20MHz_QPSK_20300_100RB#0

Conducted Spurious Emission

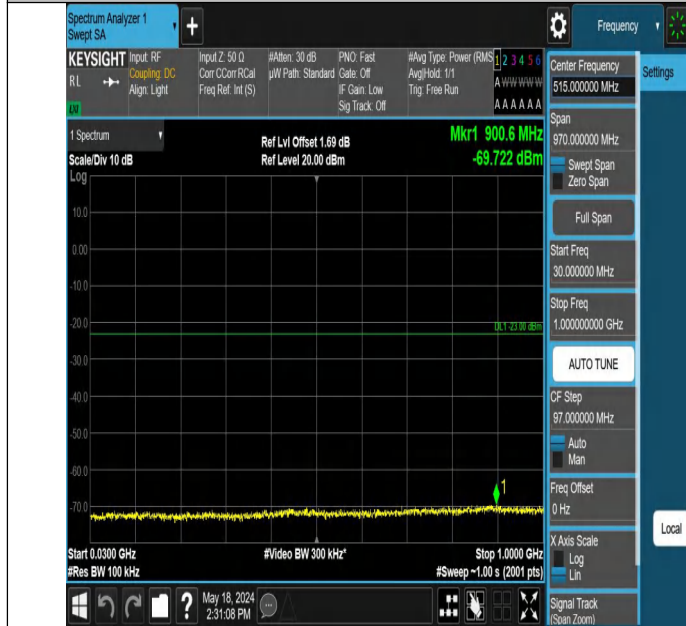
Test Graphs



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



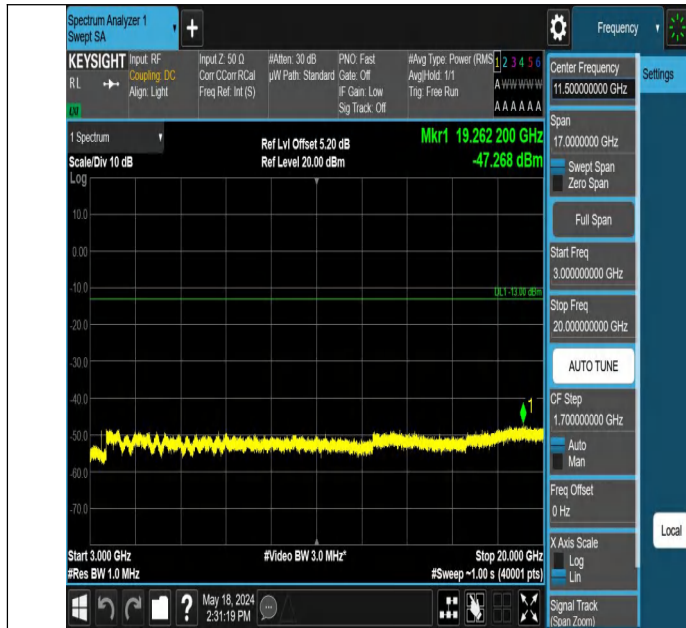
Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



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



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



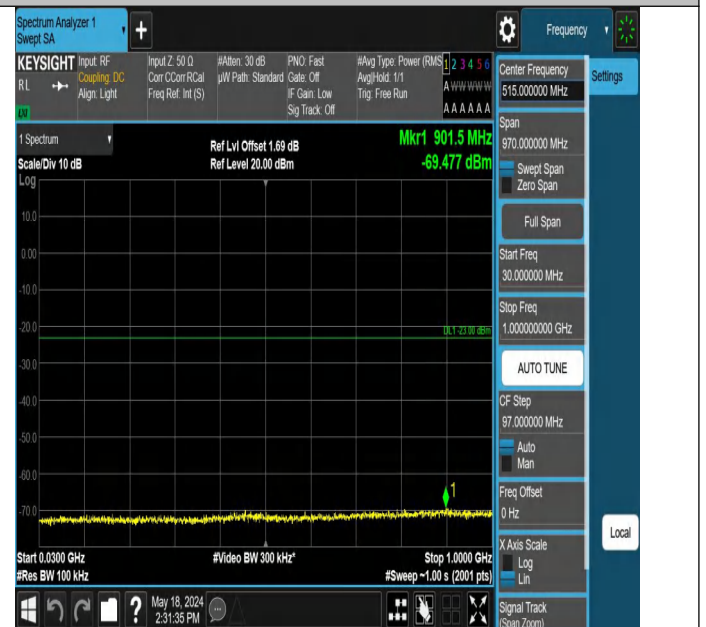
Band4_1.4MHz_QPSK_19957_1RB#0_3000~20000_3000~20000



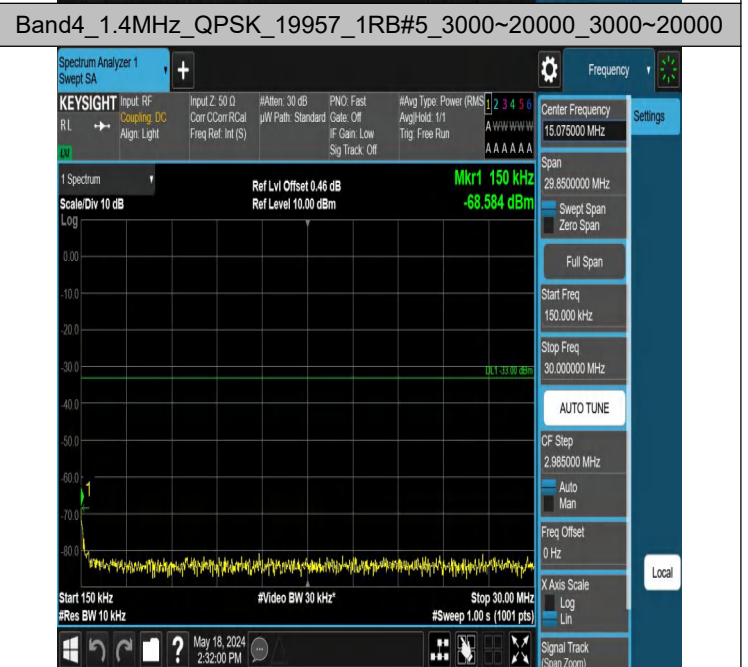
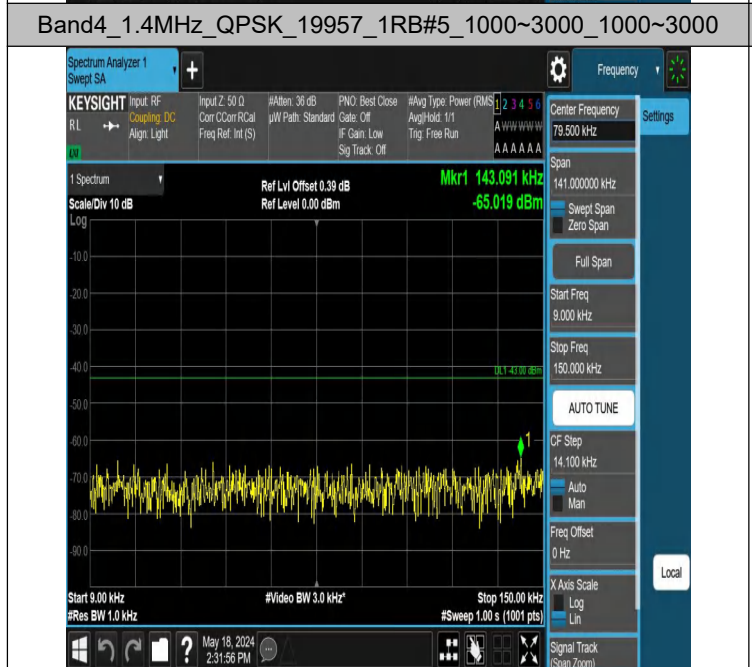
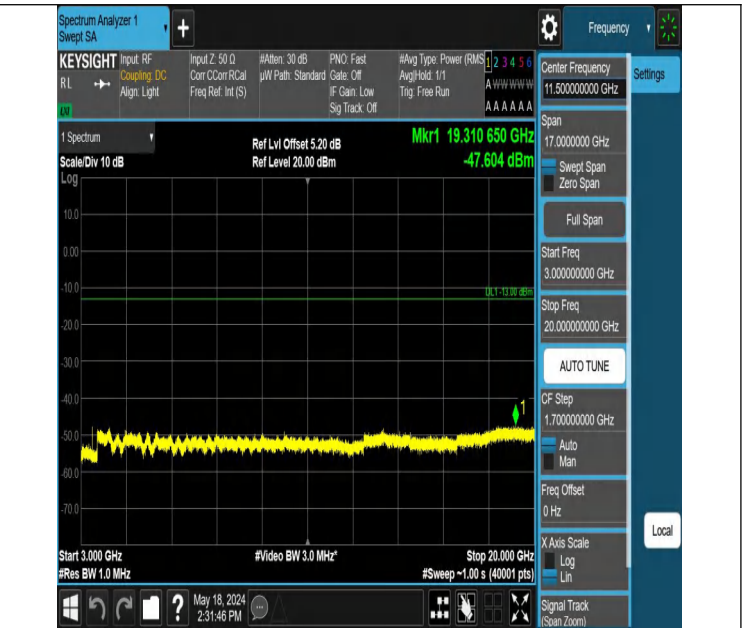
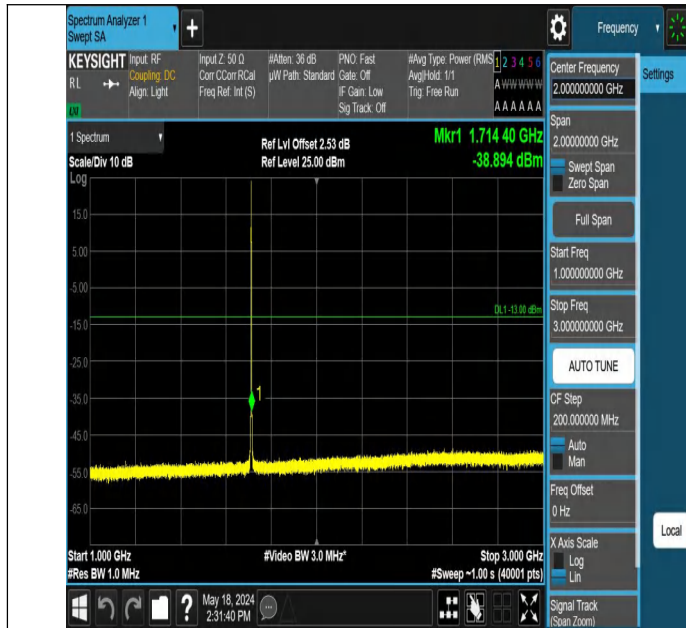
Band4_1.4MHz_QPSK_19957_1RB#5_0.009~0.15_0.009~0.15

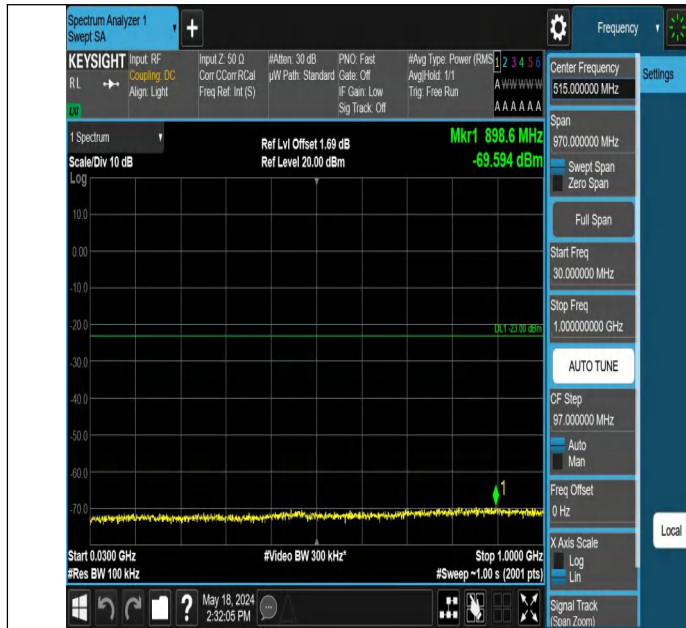


Band4_1.4MHz_QPSK_19957_1RB#5_0.15~30_0.15~30



Band4_1.4MHz_QPSK_19957_1RB#5_30~1000_30~1000

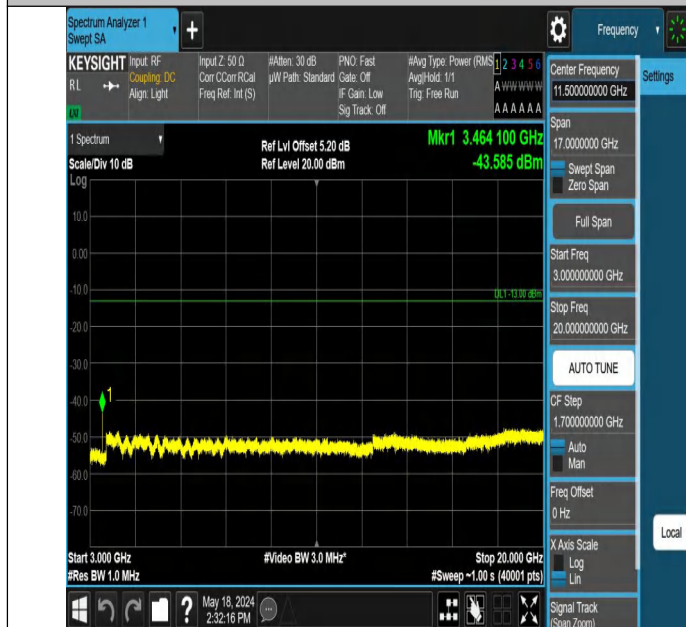




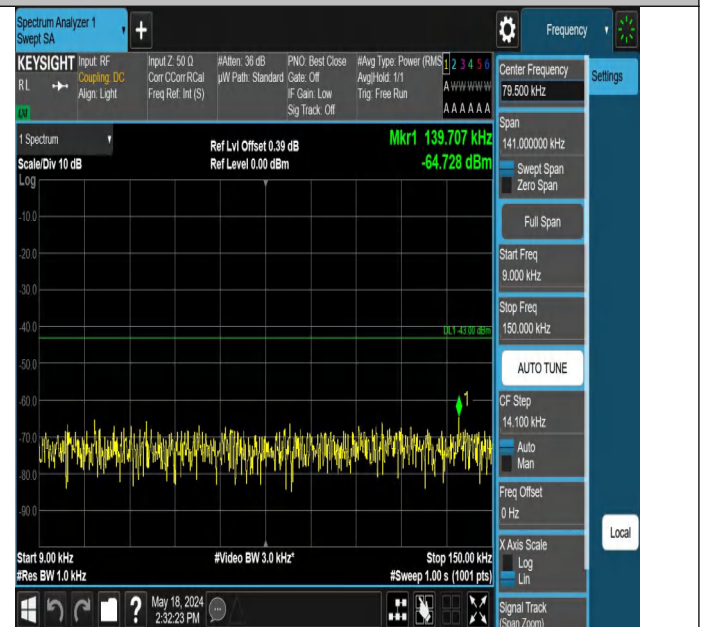
Band4_1.4MHz_QPSK_20175_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_QPSK_20175_1RB#5_0.009~0.15_0.009~0.15