

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	E(I)RP(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.55	25.14	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.87	24.46	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.66	25.25	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.92	24.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.55	25.14	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.8	24.39	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.92	24.51	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.97	23.56	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.58	25.17	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.71	24.3	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.79	24.38	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.55	25.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.87	24.46	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.59	25.18	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.81	24.4	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.53	25.12	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.76	24.35	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.73	24.32	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.69	23.28	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.51	25.1	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.48	25.07	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.7	24.29	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.83	24.42	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.83	23.42	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.53	25.12	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.83	24.42	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.52	25.11	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.89	24.48	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.51	25.1	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.84	24.43	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.88	24.47	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.91	23.5	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.51	25.1	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.81	24.4	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.48	25.07	PASS

Band2	3MHz	16QAM	18900	1RB#8	22.84	24.43	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.44	25.03	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.76	24.35	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.84	24.43	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.91	23.5	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.63	25.22	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.8	24.39	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.64	25.23	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.77	24.36	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.61	25.2	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.69	24.28	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.92	24.51	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.87	23.46	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.56	25.15	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.83	24.42	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.64	25.23	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.88	24.47	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.6	25.19	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.83	24.42	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.85	24.44	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.9	23.49	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.62	25.21	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.87	24.46	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.69	25.28	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.89	24.48	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.58	25.17	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.84	24.43	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.88	24.47	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.86	23.45	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.59	25.18	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.94	24.53	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.69	25.28	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.07	24.66	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.62	25.21	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.95	24.54	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.94	24.53	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.98	23.57	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.47	25.06	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.84	24.43	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.47	25.06	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.98	24.57	PASS

Band2	10MHz	QPSK	18650	1RB#49	23.5	25.09	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.86	24.45	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.88	24.47	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.99	23.58	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.56	25.15	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.92	24.51	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.5	25.09	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.89	24.48	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.5	25.09	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.87	24.46	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.9	24.49	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.92	23.51	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.61	25.2	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.81	24.4	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.59	25.18	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.83	24.42	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.63	25.22	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.72	24.31	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.96	24.55	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.98	23.57	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.65	25.24	PASS
Band2	15MHz	16QAM	18675	1RB#0	23	24.59	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.68	25.27	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.02	24.61	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.54	25.13	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.94	24.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.89	24.48	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.91	23.5	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.56	25.15	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.91	24.5	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.58	25.17	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.87	24.46	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.54	25.13	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.89	24.48	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.86	24.45	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.9	23.49	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.47	25.06	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.91	24.5	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.45	25.04	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.98	24.57	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.44	25.03	PASS

Band2	15MHz	16QAM	19125	1RB#74	22.99	24.58	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.93	24.52	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.91	23.5	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.73	25.32	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.96	24.55	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.65	25.24	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.88	24.47	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.63	25.22	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.87	24.46	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.98	24.57	PASS
Band2	20MHz	16QAM	18700	100RB#0	22.03	23.62	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.7	25.29	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.9	24.49	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.56	25.15	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.84	24.43	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.54	25.13	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.75	24.34	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.85	24.44	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.94	23.53	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.5	25.09	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.97	24.56	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.58	25.17	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.02	24.61	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.62	25.21	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.04	24.63	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.88	24.47	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.94	23.53	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	5.41	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.30	13	PASS

Test Graphs



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



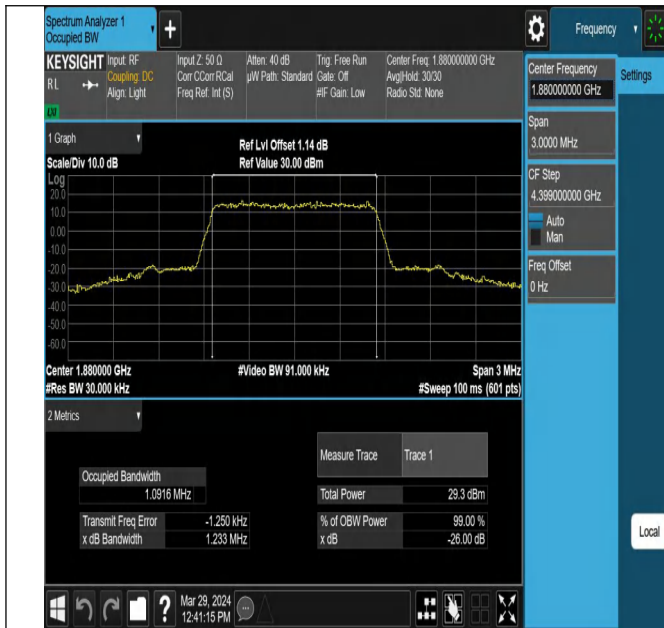
Band2-20MHz-16QAM-18900-100RB#0-PASS

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	1.0916	1.233	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0924	1.232	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7065	2.971	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6910	2.970	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5154	4.986	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5055	4.960	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9675	9.866	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9585	9.797	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.451	14.78	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.438	14.64	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.915	19.35	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.954	19.49	PASS

Test Graphs



Band2-1.4MHz-QPSK-18900-6RB#0-PASS



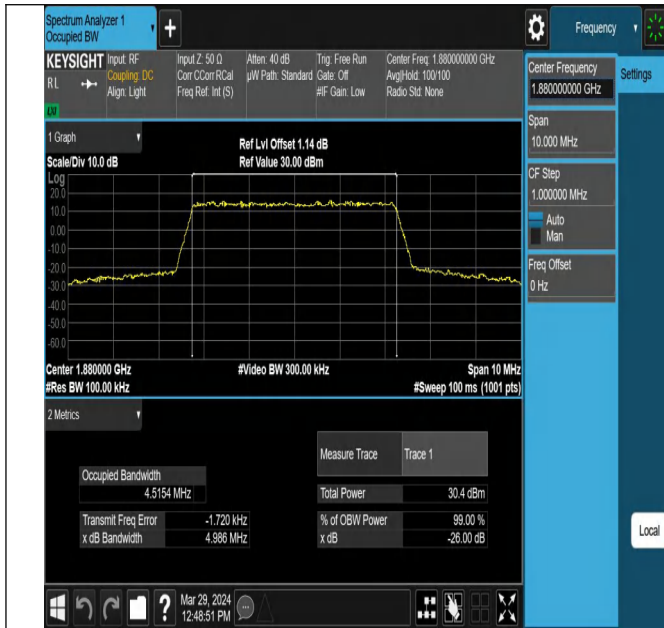
Band2-1.4MHz-16QAM-18900-6RB#0-PASS



Band2-3MHz-QPSK-18900-15RB#0-PASS



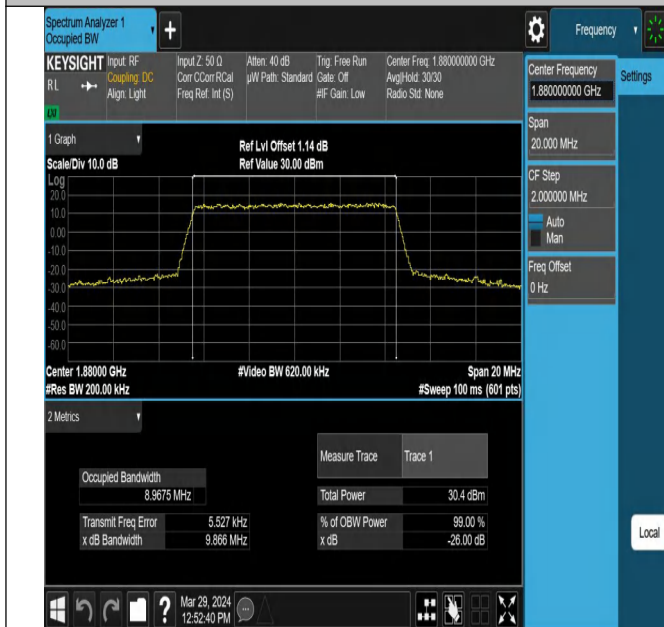
Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-5MHz-QPSK-18900-25RB#0-PASS



Band2-5MHz-16QAM-18900-25RB#0-PASS



Band2-10MHz-QPSK-18900-50RB#0-PASS



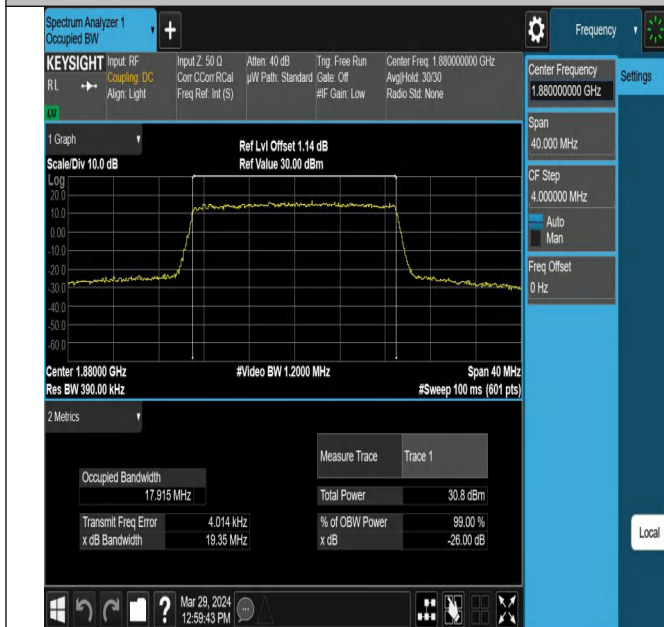
Band2-10MHz-16QAM-18900-50RB#0-PASS



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



Band2-15MHz-16QAM-18900-75RB#0-PASS



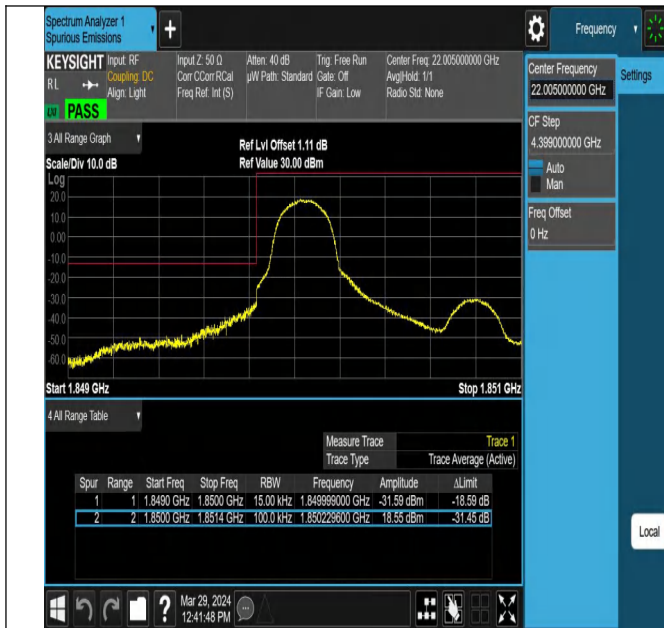
Band2-20MHz-QPSK-18900-100RB#0-PASS



Band2-20MHz-16QAM-18900-100RB#0-PASS

Band Edge

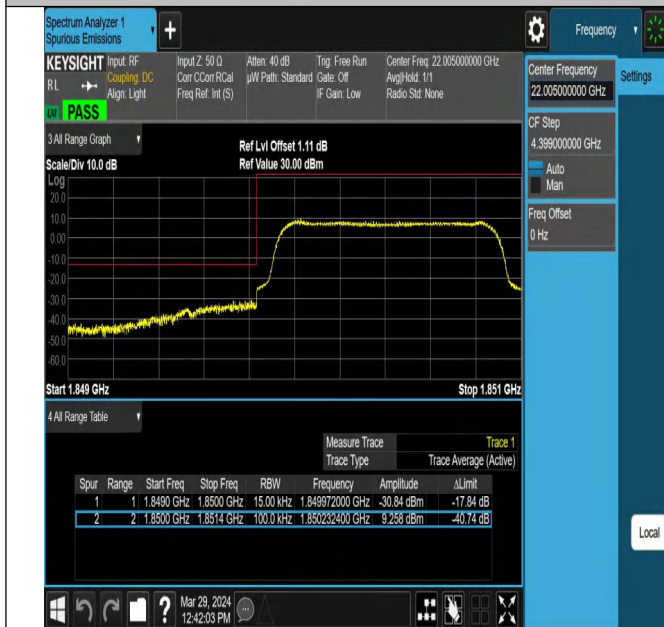
Test Graphs



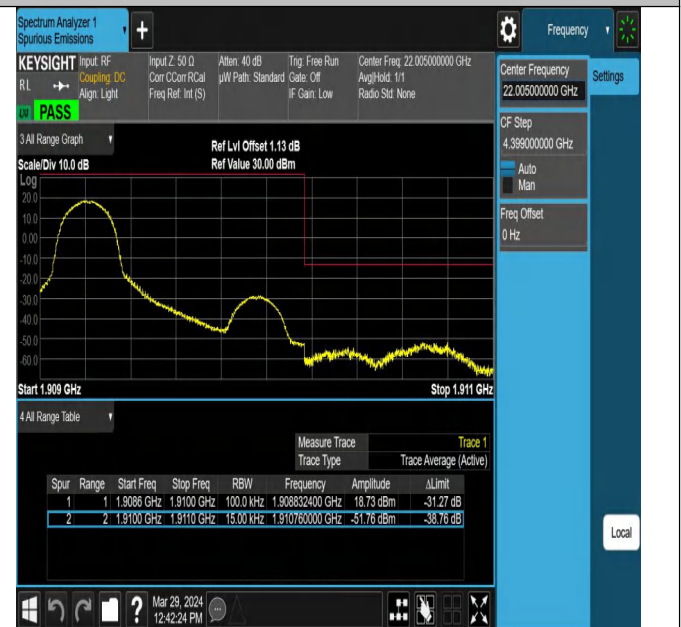
Band2_1.4MHz_QPSK_18607_1RB#0



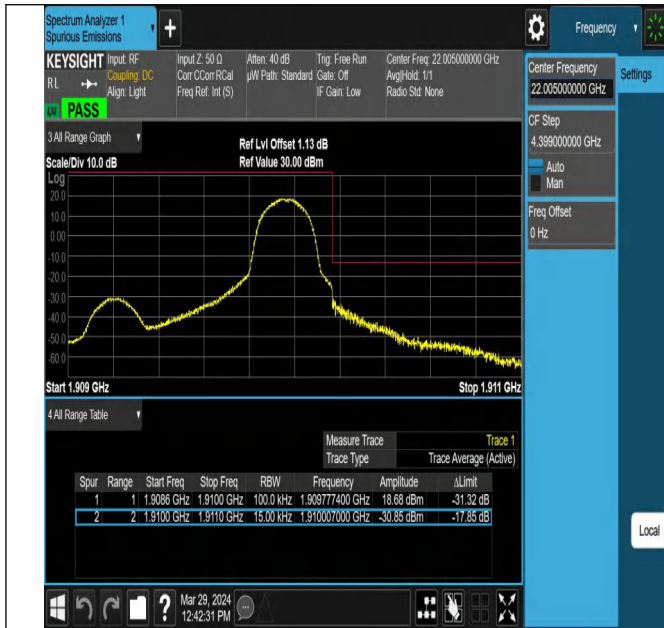
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Band2_1.4MHz_QPSK_18607_6RB#0



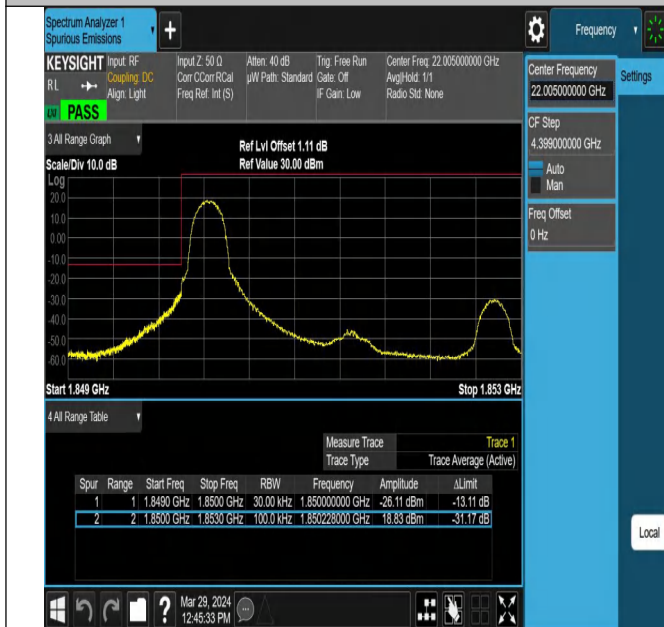
Band2_1.4MHz_QPSK_19193_1RB#0



Band2_1.4MHz_QPSK_19193_1RB#5



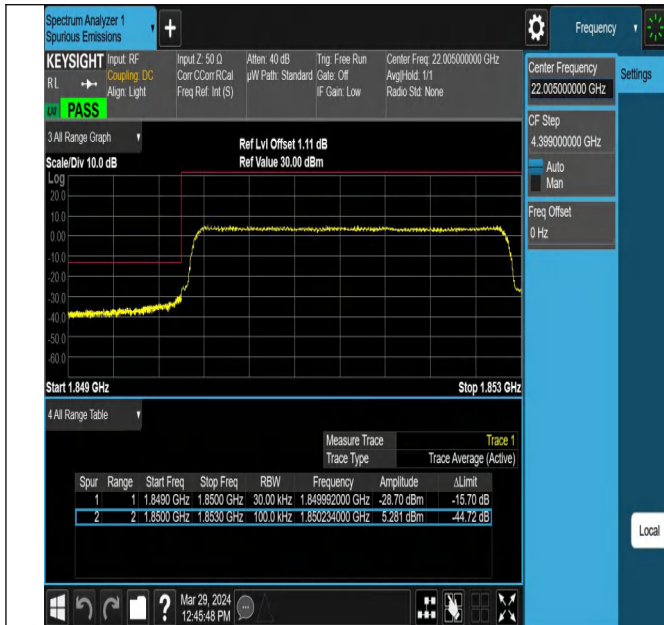
Band2_1.4MHz_QPSK_19193_6RB#0



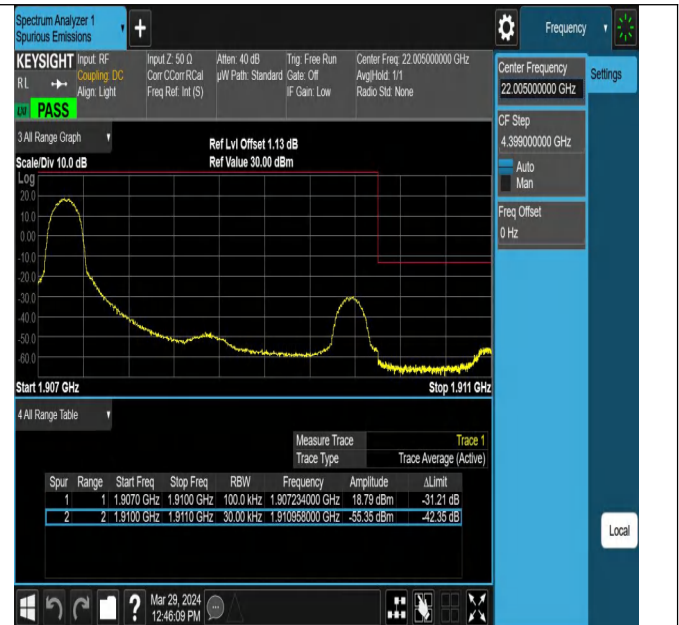
Band2_3MHz_QPSK_18615_1RB#0



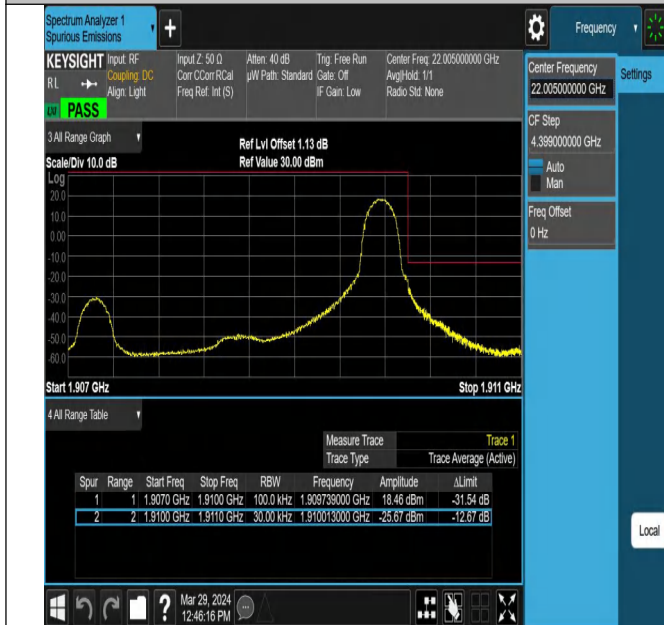
Band2_3MHz_QPSK_18615_1RB#14



Band2_3MHz_QPSK_18615_15RB#0



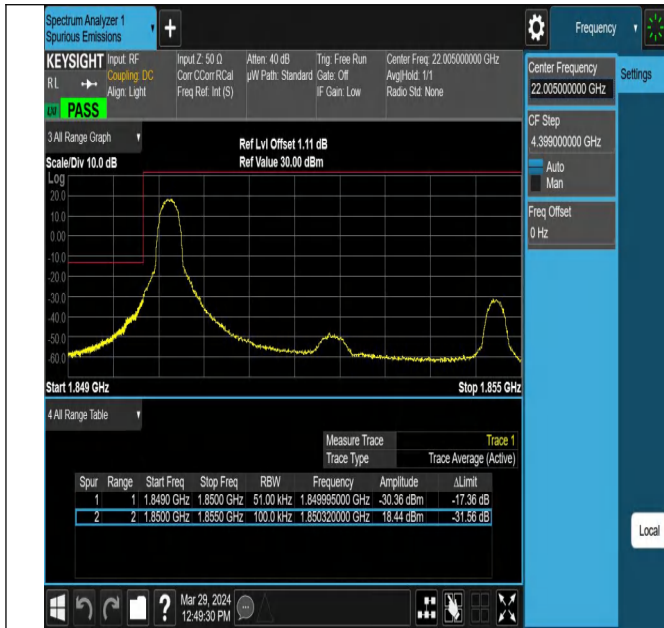
Band2_3MHz_QPSK_19185_1RB#0



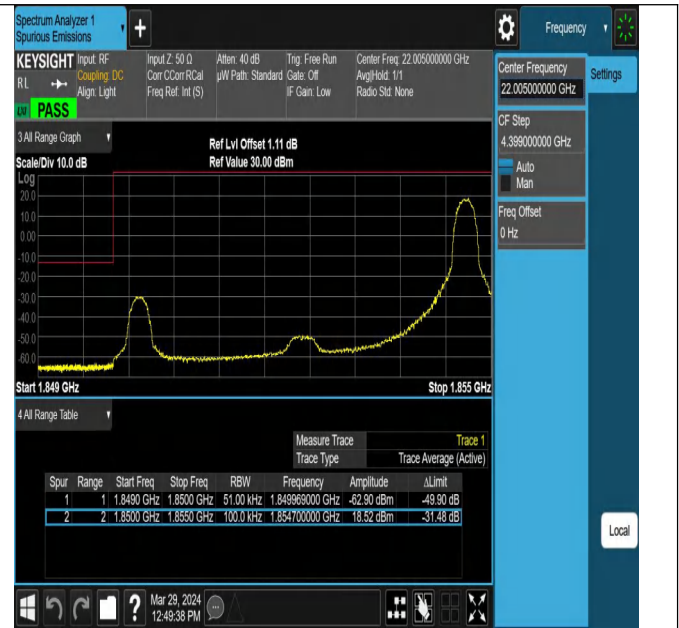
Band2_3MHz_QPSK_19185_1RB#14



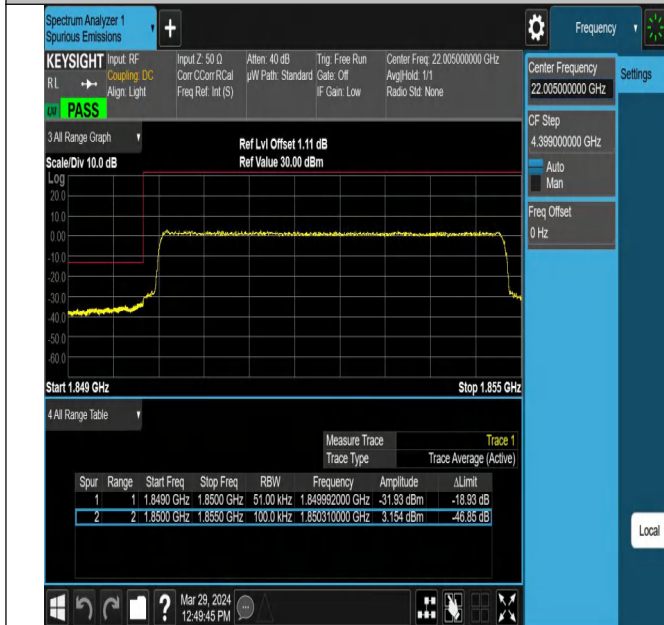
Band2_3MHz_QPSK_19185_15RB#0



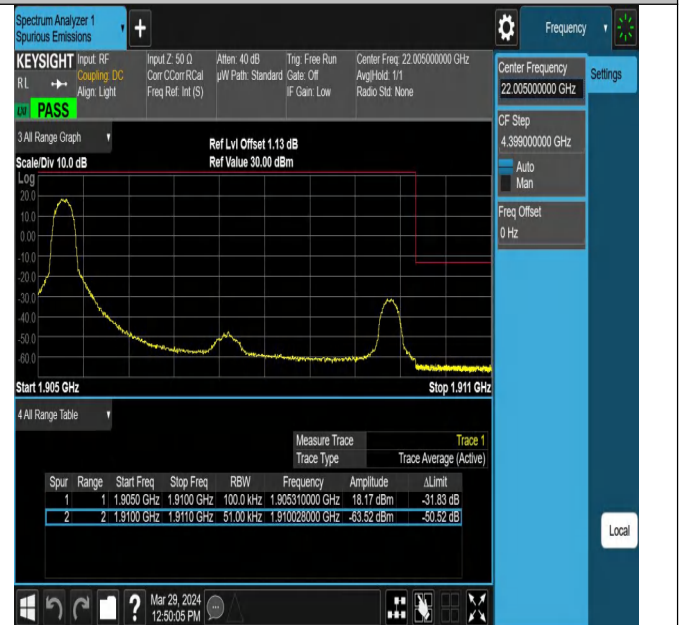
Band2_5MHz_QPSK_18625_1RB#0



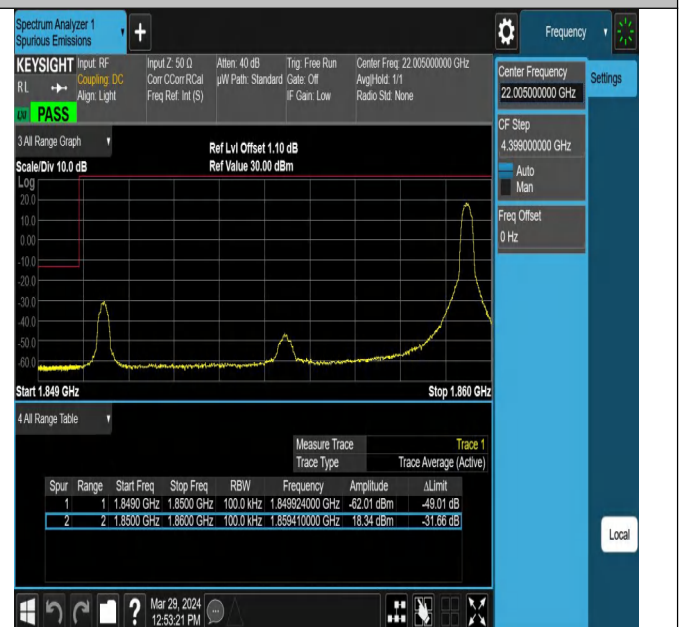
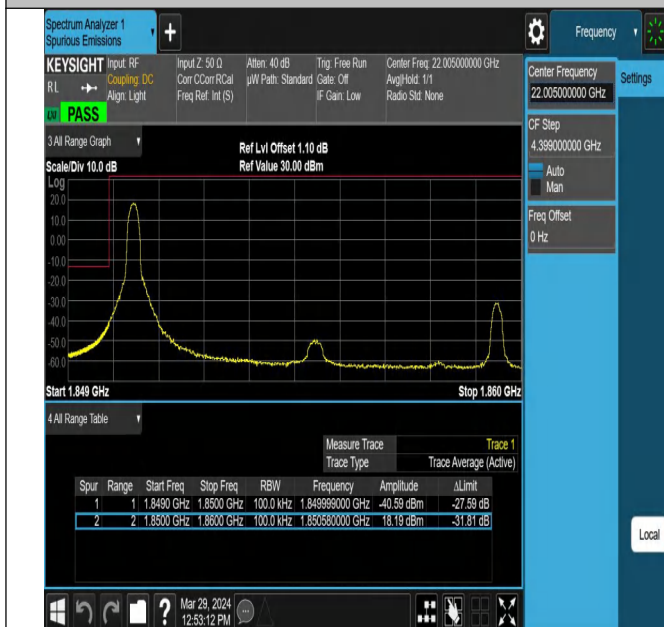
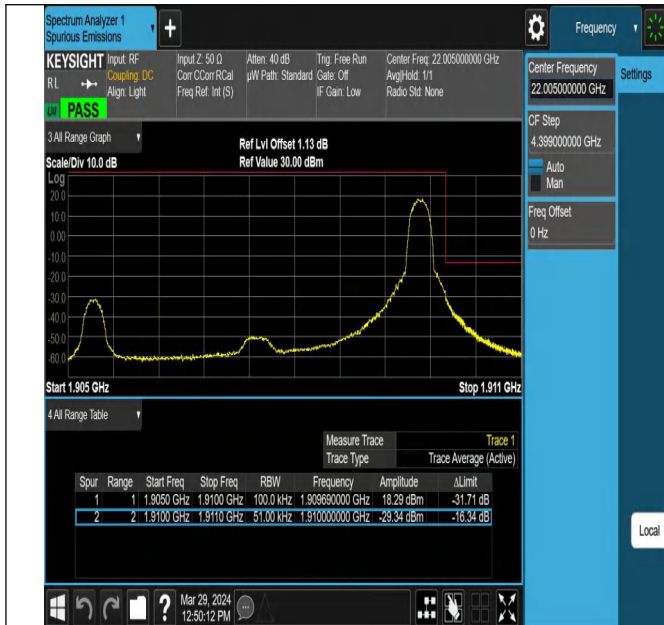
Band2_5MHz_QPSK_18625_1RB#24

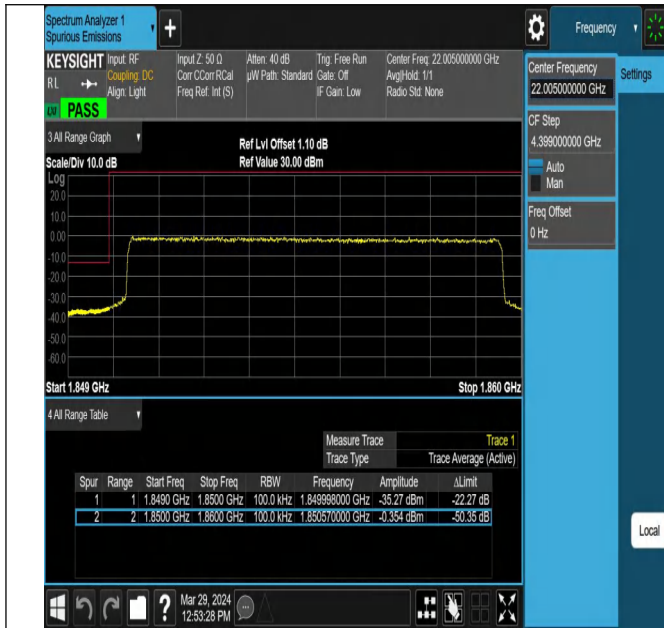


Band2_5MHz_QPSK_18625_25RB#0



Band2_5MHz_QPSK_19175_1RB#0

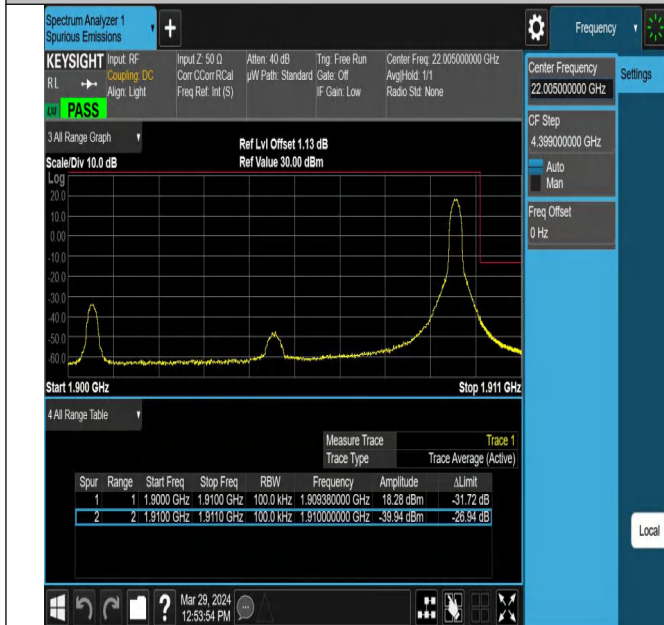




Band2_10MHz_QPSK_18650_50RB#0



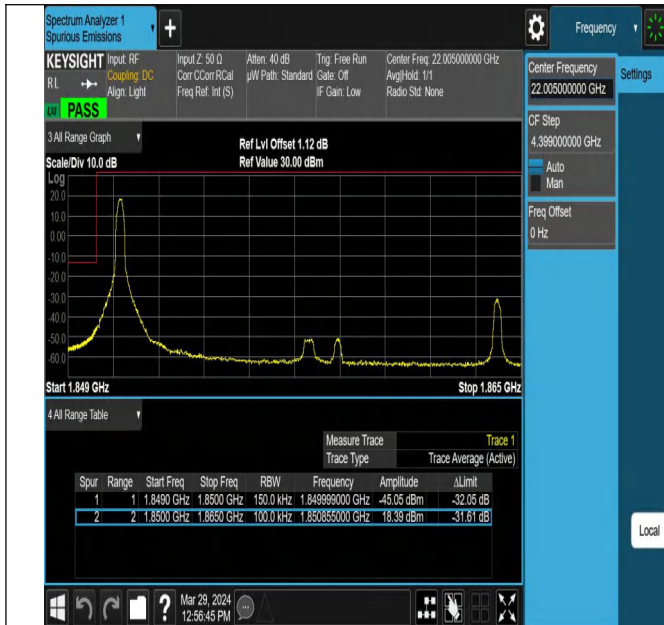
Band2_10MHz_QPSK_19150_1RB#0



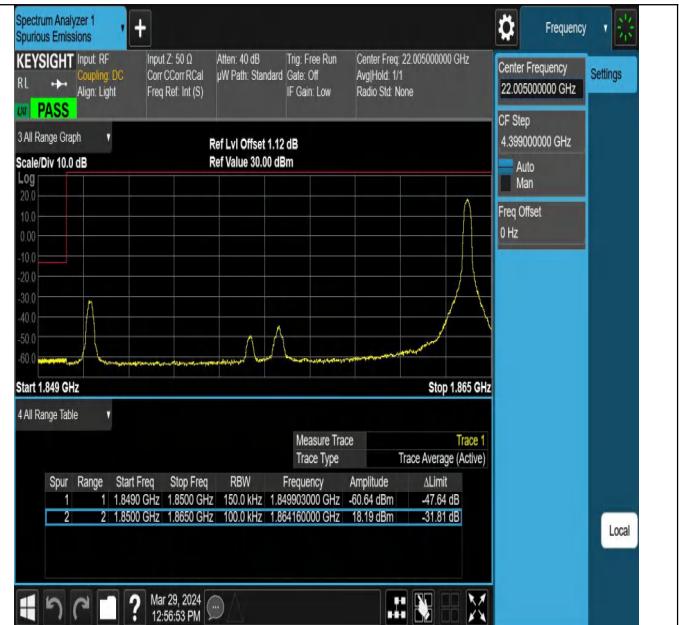
Band2_10MHz_QPSK_19150_1RB#49



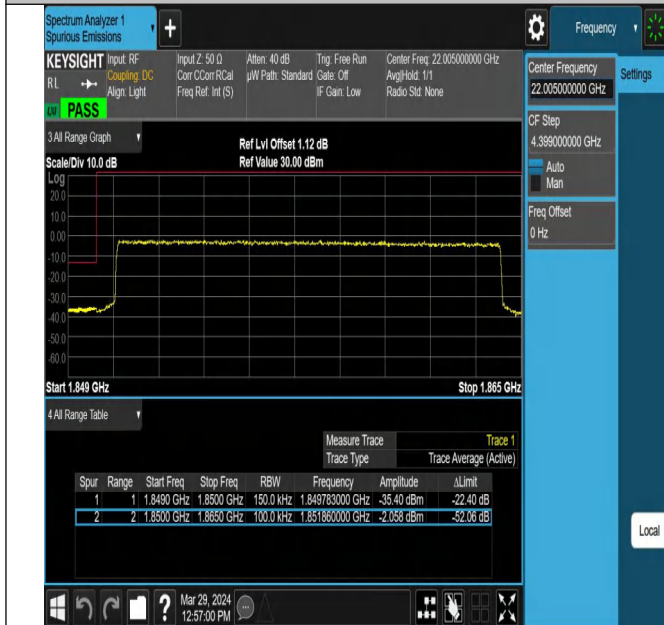
Band2_10MHz_QPSK_19150_50RB#0



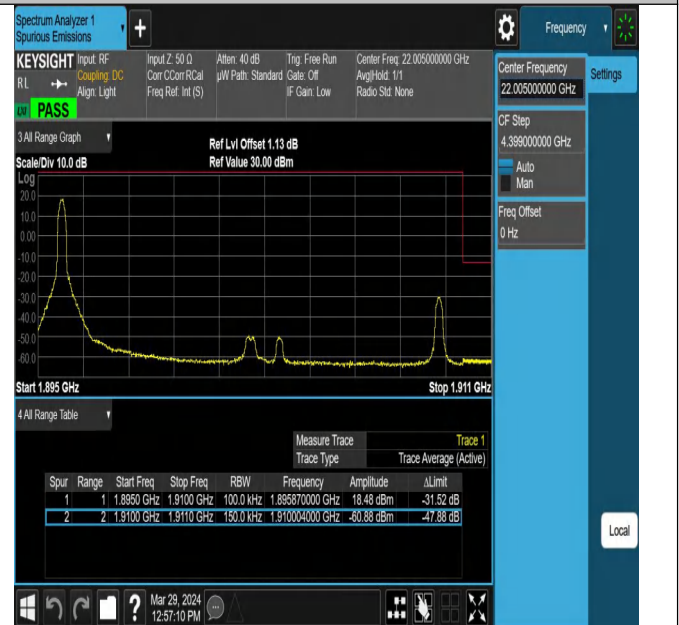
Band2_15MHz_QPSK_18675_1RB#0



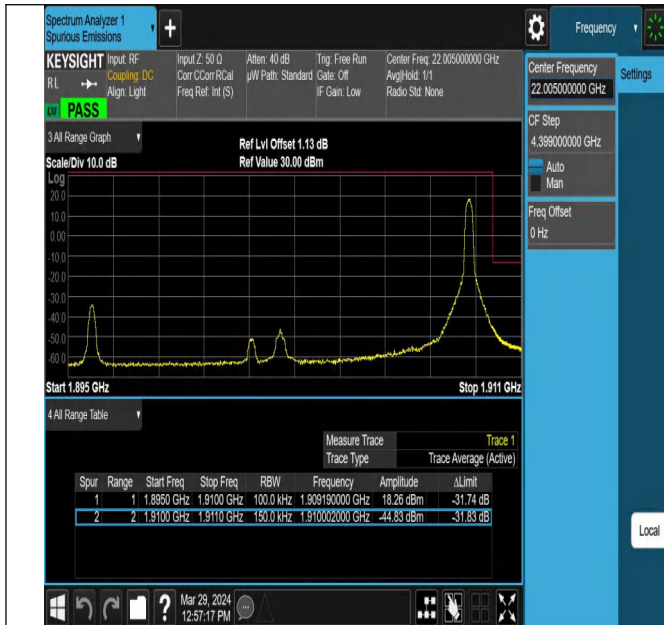
Band2_15MHz_QPSK_18675_1RB#74



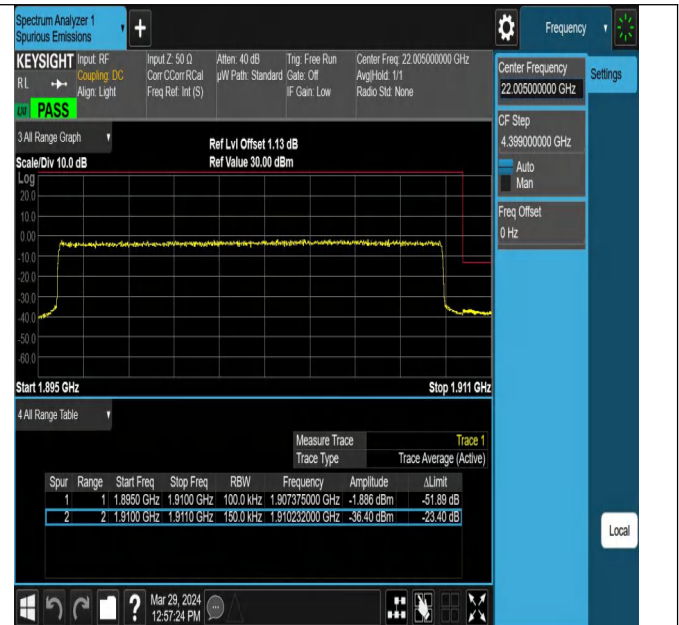
Band2_15MHz_QPSK_18675_75RB#0



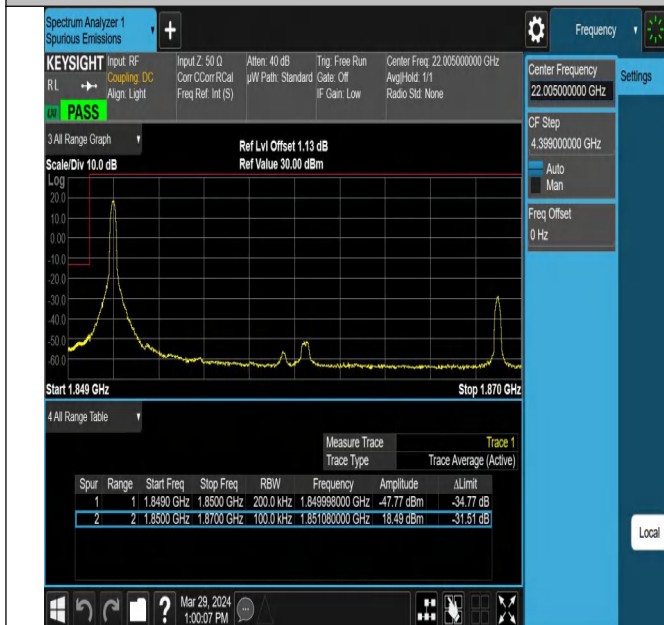
Band2_15MHz_QPSK_19125_1RB#0



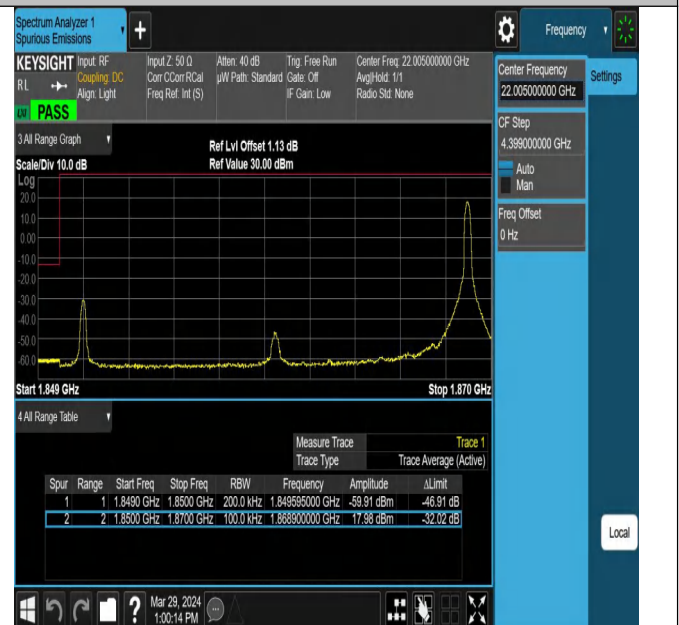
Band2_15MHz_QPSK_19125_1RB#74



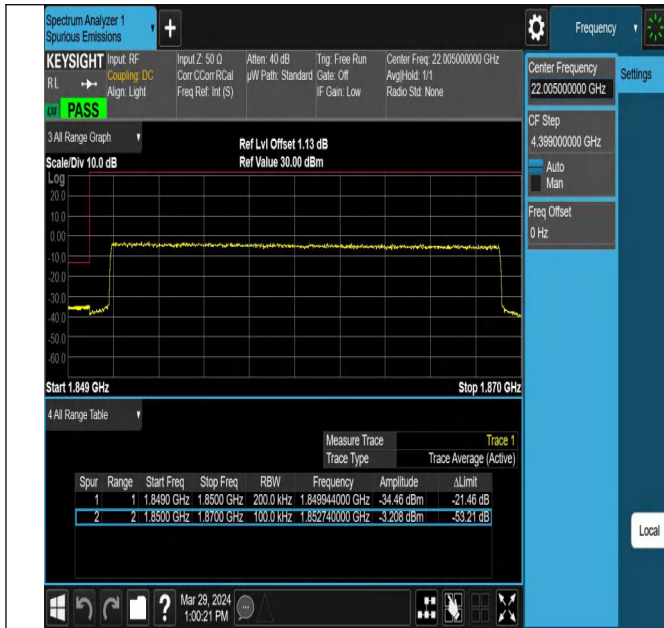
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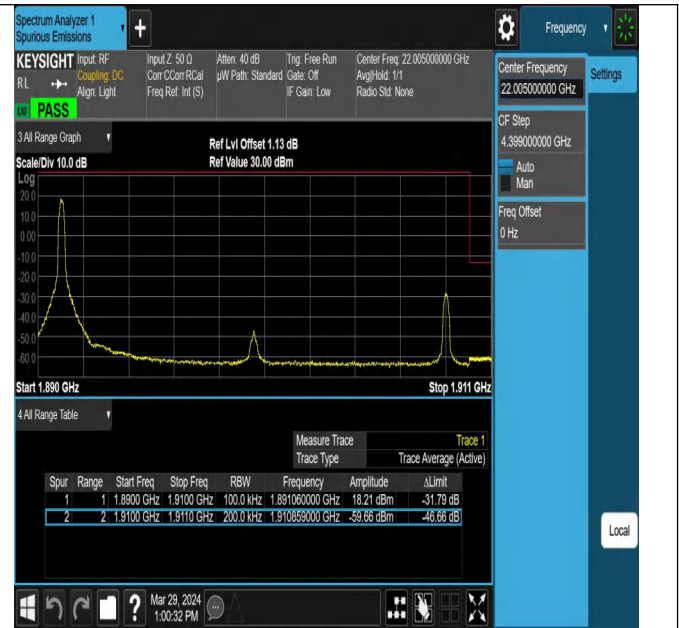
Band2_20MHz_QPSK_18700_1RB#0



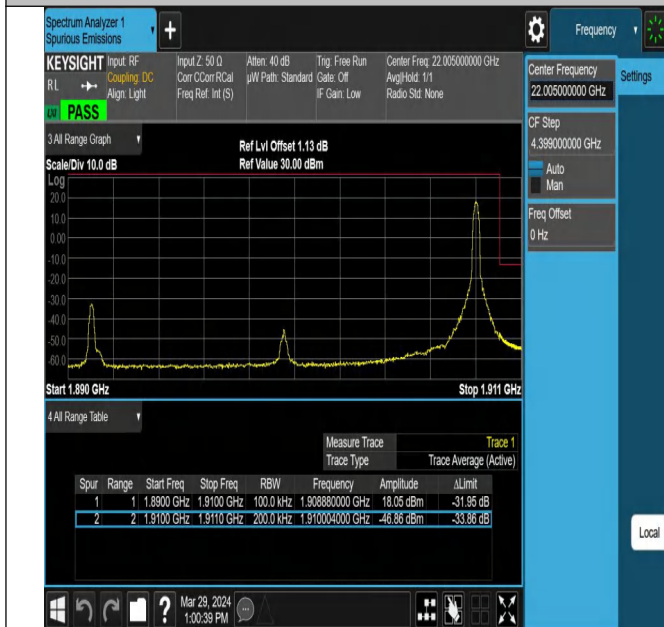
Band2_20MHz_QPSK_18700_1RB#99



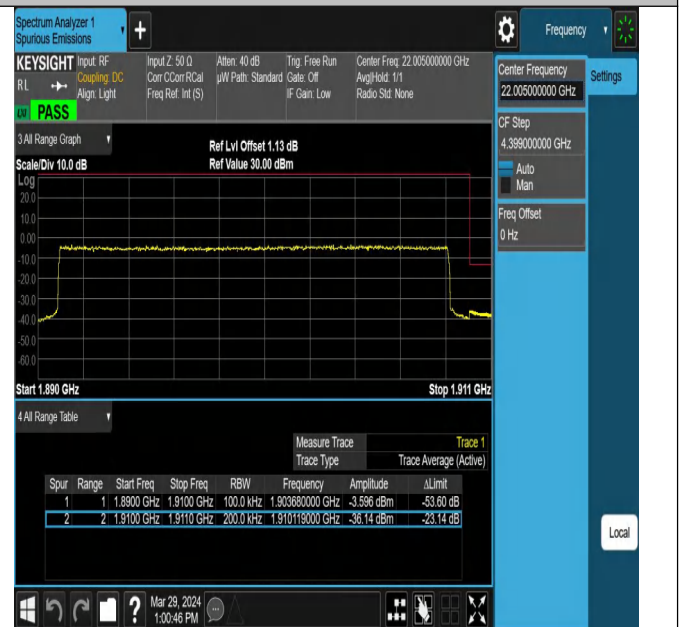
Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_QPSK_19100_1RB#0



Band2_20MHz_QPSK_19100_1RB#99



Band2_20MHz_QPSK_19100_100RB#0

Conducted Spurious Emission

Test Graphs



Band2_1.4MHz_QPSK_18607_1RB#0_0.009~0.15_0.009~0.15

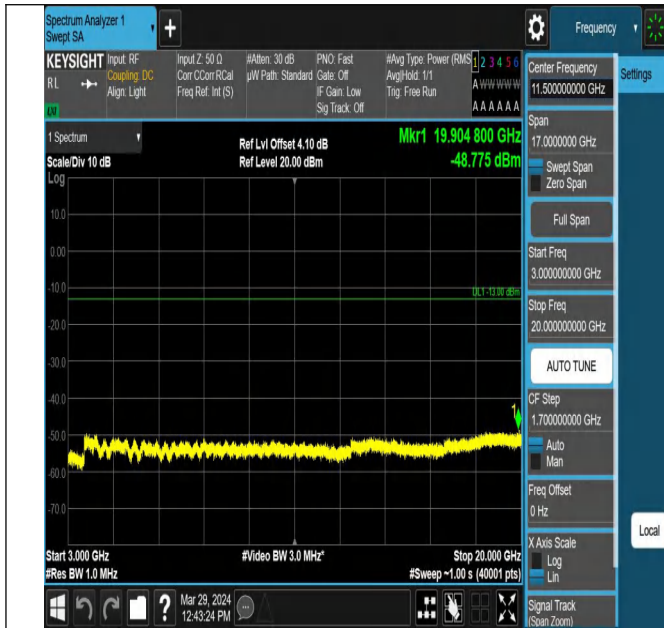
Band2_1.4MHz_QPSK_18607_1RB#0_0.15~30_0.15~30



Band2_1.4MHz_QPSK_18607_1RB#0_30~1000_30~1000

Band2_1.4MHz_QPSK_18607_1RB#0_1000~3000_1000~300

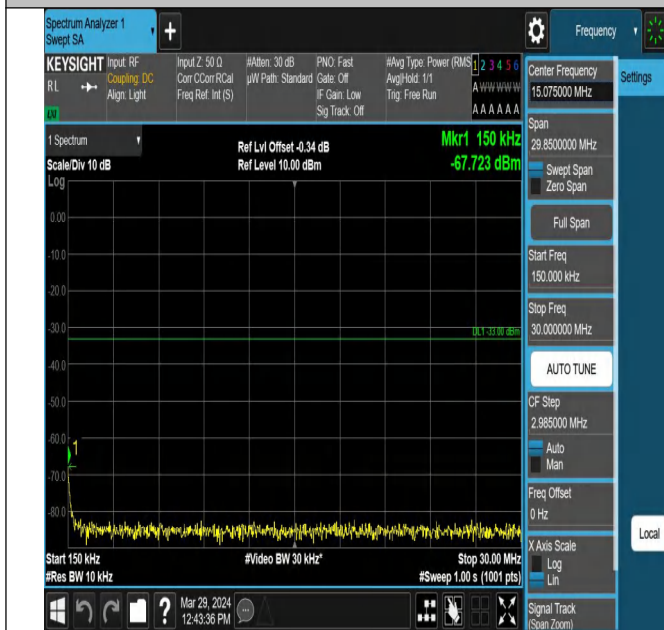
0



Band2_1.4MHz_QPSK_18607_1RB#0_3000~20000_3000~20000



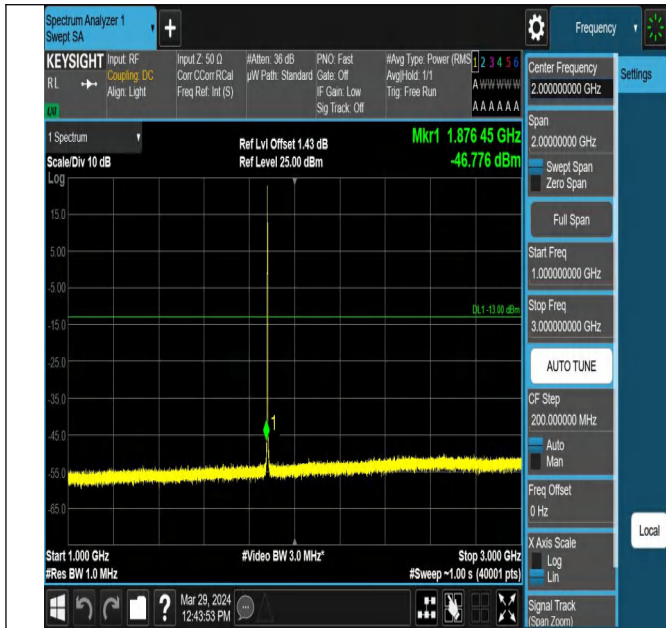
Band2_1.4MHz_QPSK_18900_1RB#0_0.009~0.15_0.009~0.15



Band2_1.4MHz_QPSK_18900_1RB#0_0.15~30_0.15~30



Band2_1.4MHz_QPSK_18900_1RB#0_30~1000_30~1000



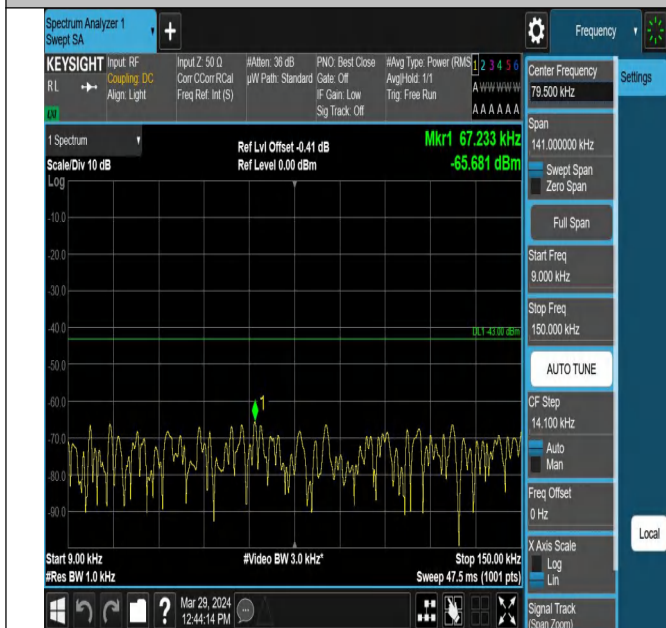
Band2_1.4MHz_QPSK_18900_1RB#0_1000~3000_1000~300

0



Band2_1.4MHz_QPSK_18900_1RB#0_3000~20000_3000~20

000

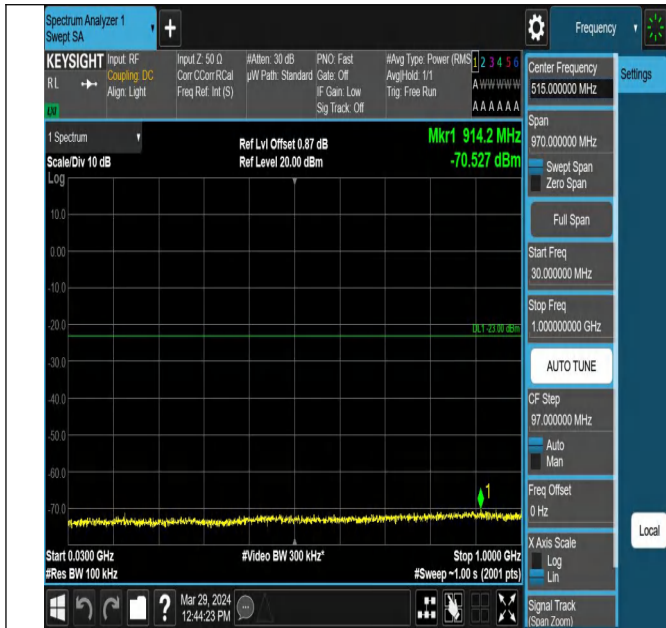


Band2_1.4MHz_QPSK_19193_1RB#0_0.009~0.15_0.009~0.1

5



Band2_1.4MHz_QPSK_19193_1RB#0_0.15~30_0.15~30

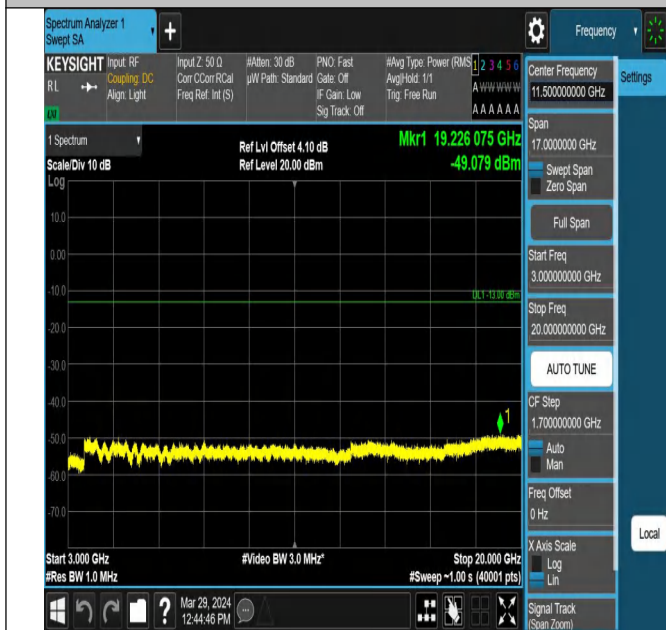


Band2_1.4MHz_QPSK_19193_1RB#0_30~1000_30~1000



Band2_1.4MHz_QPSK_19193_1RB#0_1000~3000_1000~300

0



Band2_1.4MHz_QPSK_19193_1RB#0_3000~20000_3000~20000



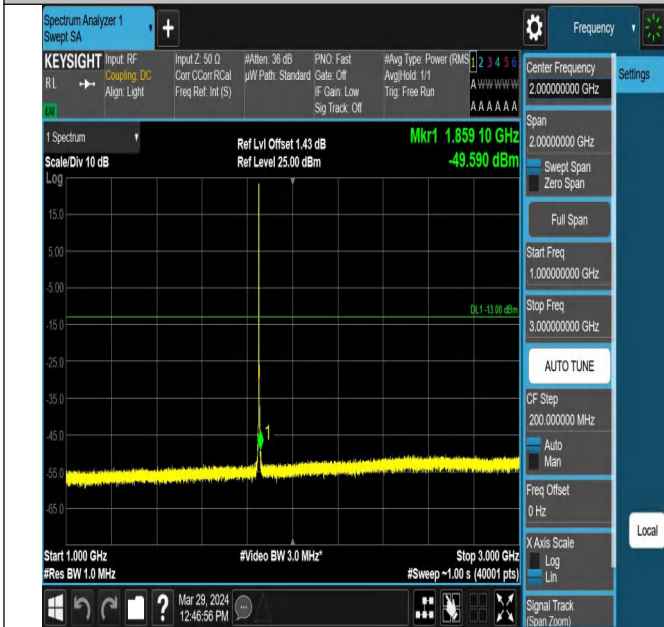
Band2_3MHz_QPSK_18615_1RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_QPSK_18615_1RB#0_0.15~30_0.15~30



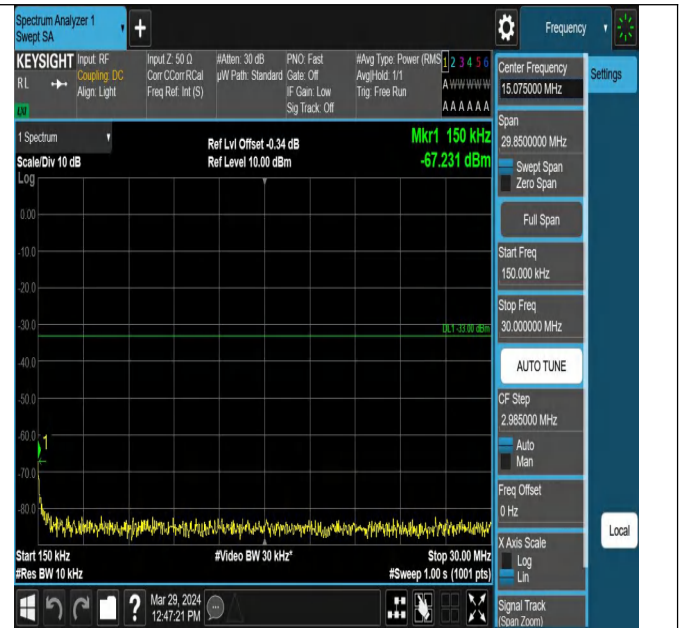
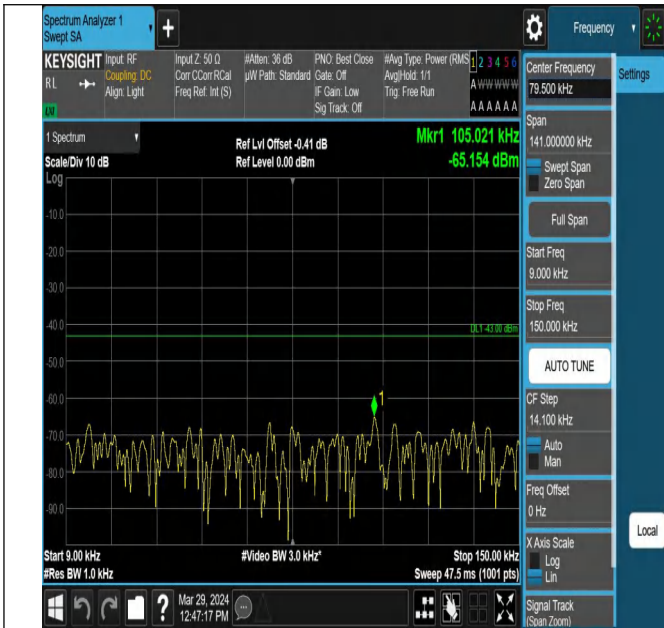
Band2_3MHz_QPSK_18615_1RB#0_30~1000_30~1000



Band2_3MHz_QPSK_18615_1RB#0_1000~3000_1000~3000



Band2_3MHz_QPSK_18615_1RB#0_3000~20000_3000~20000



Band2_3MHz_QPSK_18900_1RB#0_0.009~0.15_0.009~0.15

Band2_3MHz_QPSK_18900_1RB#0_0.15~30_0.15~30



Band2_3MHz_QPSK_18900_1RB#0_30~1000_30~1000

Band2_3MHz_QPSK_18900_1RB#0_1000~3000_1000~3000