

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	23.35	18.76	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	22.63	18.09	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#12	23.34	18.81	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#12	22.66	18.1	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#24	23.3	18.75	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#24	22.58	17.99	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	22.4	17.79	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	21.4	16.83	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	23.31	18.8	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	22.63	18.1	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#12	23.32	18.92	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#12	22.65	18.16	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#24	23.3	18.86	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#24	22.59	18.09	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	22.39	17.8	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	21.41	16.82	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	23.25	18.96	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	22.42	18.25	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#12	23.33	19	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#12	22.47	18.28	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#24	23.33	18.89	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#24	22.45	18.17	PASS

42(3450-3550)	5MHz	QPSK	43065	25RB#0	22.36	17.97	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	21.38	16.94	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	23.29	18.79	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	22.48	17.93	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#24	23.24	18.76	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#24	22.47	17.94	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#49	23.25	18.75	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#49	22.52	17.96	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	22.33	17.8	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	21.38	16.79	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	23.3	18.82	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	21.93	17.96	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#24	23.33	18.89	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#24	21.98	18.03	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#49	23.4	18.88	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#49	22.01	18.05	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	22.43	17.79	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	21.43	16.84	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	23.37	18.95	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	22.3	18.09	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#24	23.37	18.93	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#24	22.29	18.1	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#49	23.47	18.92	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#49	22.39	18.09	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	22.44	17.99	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	21.45	16.95	PASS

42(3450-3550)	15MHz	QPSK	42165	1RB#0	23.28	18.72	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	22.5	17.94	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#38	23.32	18.73	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#38	22.48	17.93	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#74	23.4	18.75	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#74	22.6	17.96	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	22.45	17.84	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	21.46	16.83	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	23.35	18.82	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	22.09	17.96	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#38	23.37	18.91	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#38	22.12	18.06	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#74	23.45	18.88	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#74	22.22	18.03	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	22.38	17.88	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	21.43	16.91	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	23.32	18.93	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	22.24	18.13	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#38	23.31	18.93	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#38	22.26	18.1	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#74	23.33	18.98	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#74	22.29	18.12	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	22.42	18.03	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	21.42	17.01	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	23.29	18.74	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	22.36	17.76	PASS

42(3450-3550)	20MHz	QPSK	42190	1RB#49	23.35	18.76	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#49	22.35	17.76	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#99	23.47	18.82	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#99	22.46	17.82	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	22.42	17.75	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	21.45	16.74	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	23.18	18.82	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	21.8	17.84	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#49	23.23	18.91	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#49	21.83	17.89	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#99	23.31	18.9	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#99	21.9	17.86	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	22.41	17.83	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	21.44	16.86	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	23.38	18.79	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	22.02	17.81	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#49	23.35	18.88	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#49	22	17.89	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#99	23.39	18.89	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#99	22.01	17.85	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	22.38	17.84	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	21.44	16.81	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
42(3450-3550)	20MHz	QPSK	42590	100RB#0	7.79	13	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	9.96	13	PASS

Test Graphs



42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS



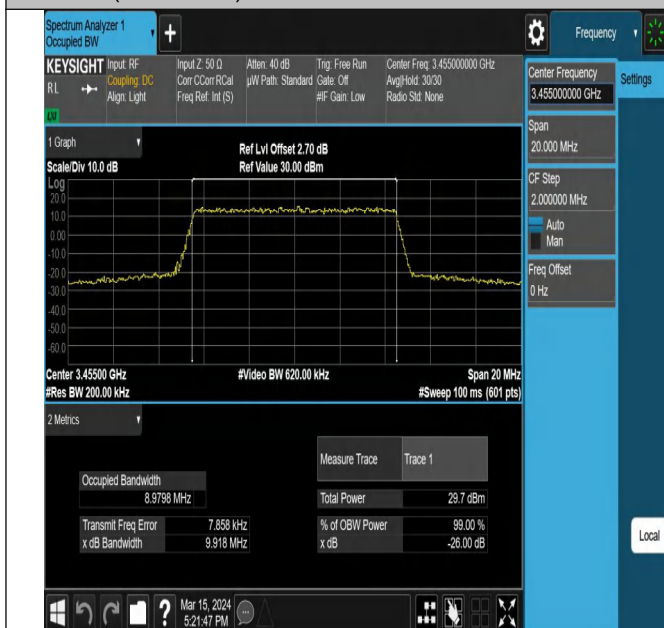
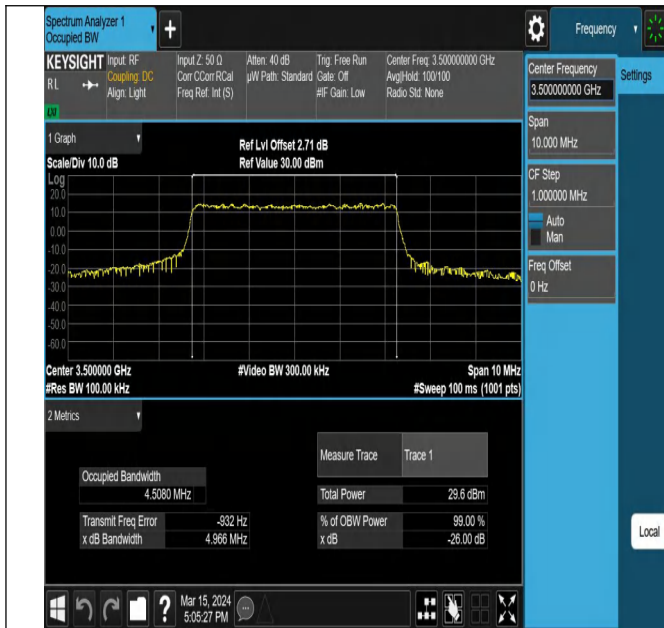
42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS

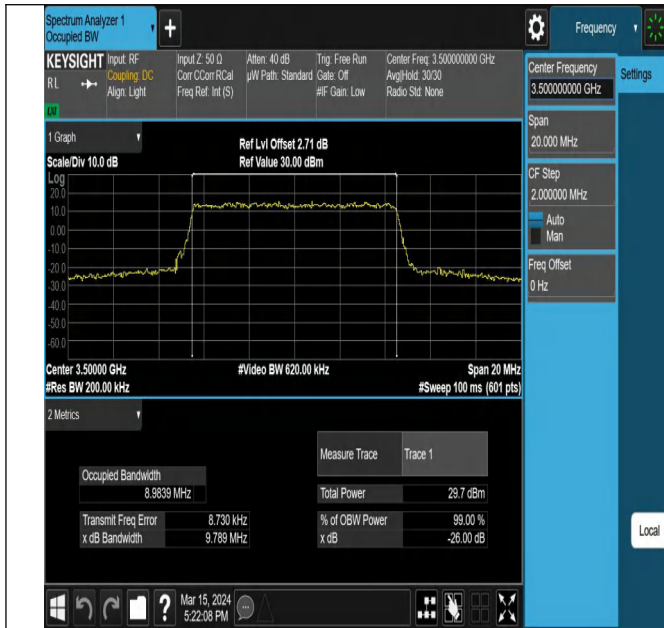
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5080	4.966	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	4.4970	4.949	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	8.9798	9.918	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	8.9880	9.762	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	8.9839	9.789	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	8.9758	9.834	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9661	9.949	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	8.9549	9.780	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.477	14.61	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	13.446	14.68	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.429	14.70	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	13.499	14.72	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.441	14.61	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	13.465	14.68	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	17.975	19.34	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	17.922	19.43	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.936	19.46	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	17.905	19.41	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.890	19.39	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	17.905	19.41	PASS

Test Graphs

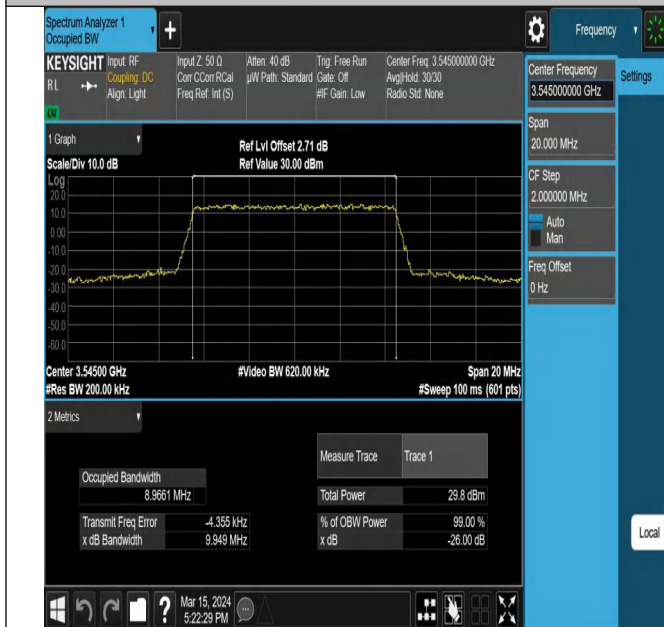




42(3450-3550)-10MHz-QPSK-42590-50RB#0-PASS



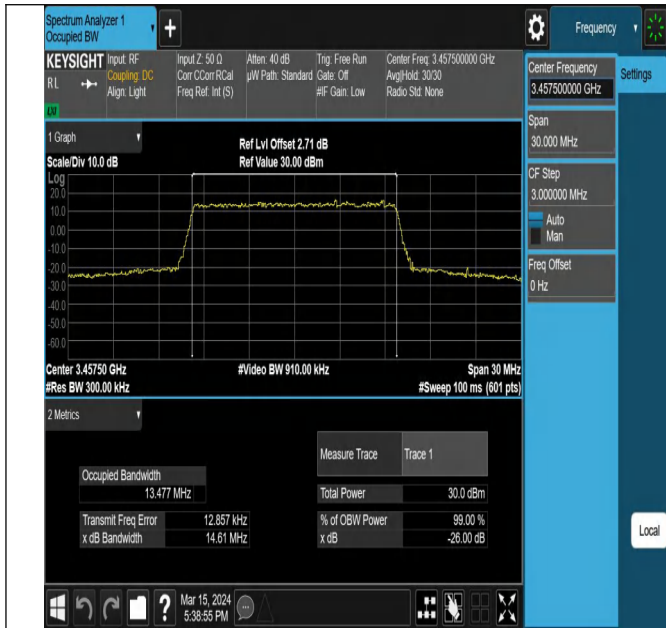
42(3450-3550)-10MHz-16QAM-42590-50RB#0-PASS



42(3450-3550)-10MHz-QPSK-43040-50RB#0-PASS



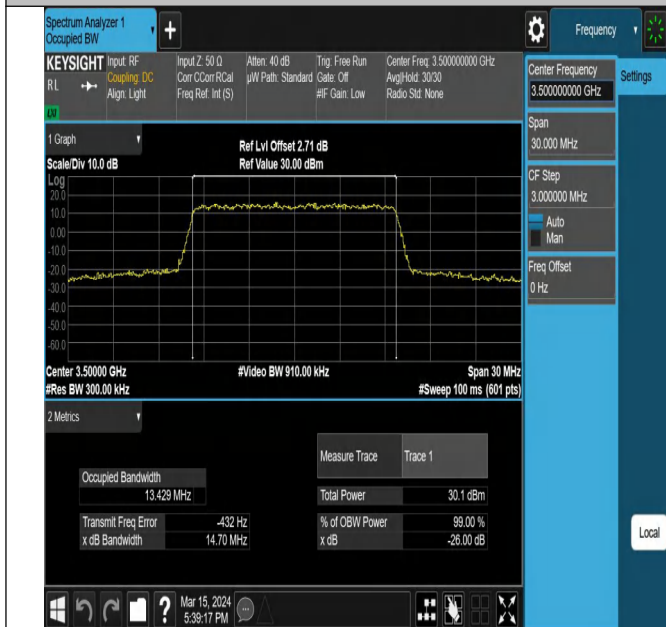
42(3450-3550)-10MHz-16QAM-43040-50RB#0-PASS



42(3450-3550)-15MHz-QPSK-42165-75RB#0-PASS



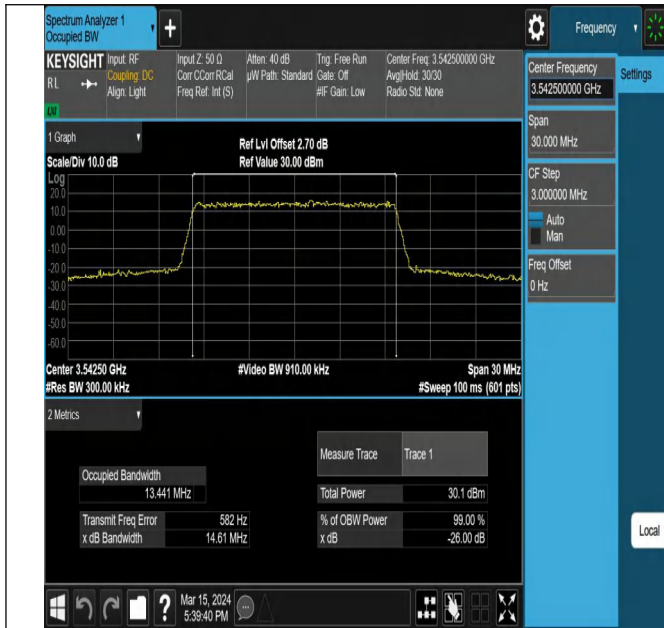
42(3450-3550)-15MHz-16QAM-42165-75RB#0-PASS



42(3450-3550)-15MHz-QPSK-42590-75RB#0-PASS



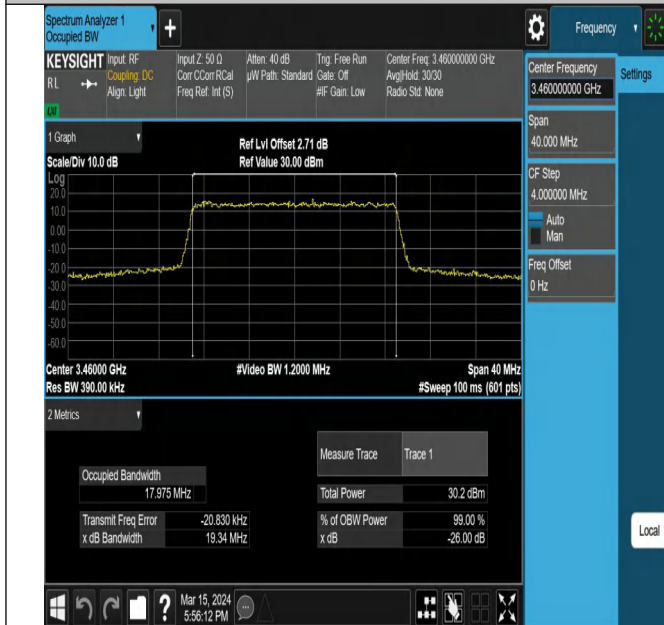
42(3450-3550)-15MHz-16QAM-42590-75RB#0-PASS



42(3450-3550)-15MHz-QPSK-43015-75RB#0-PASS



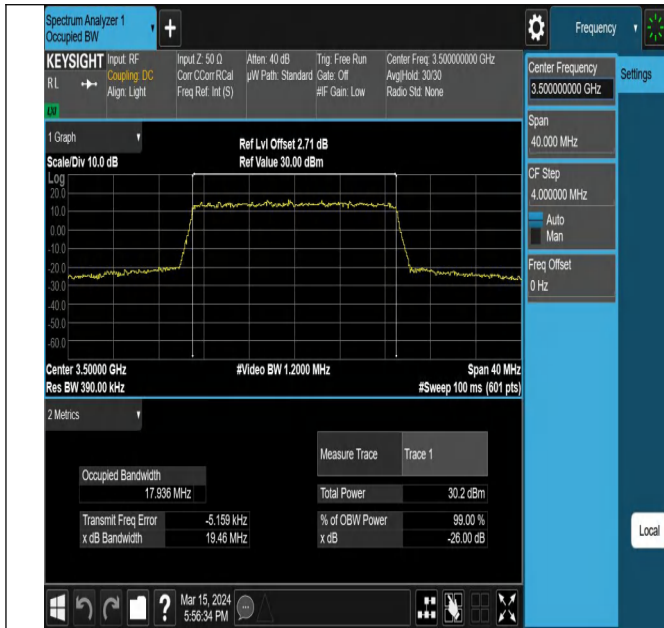
42(3450-3550)-15MHz-16QAM-43015-75RB#0-PASS



42(3450-3550)-20MHz-QPSK-42190-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42190-100RB#0-PASS



42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS



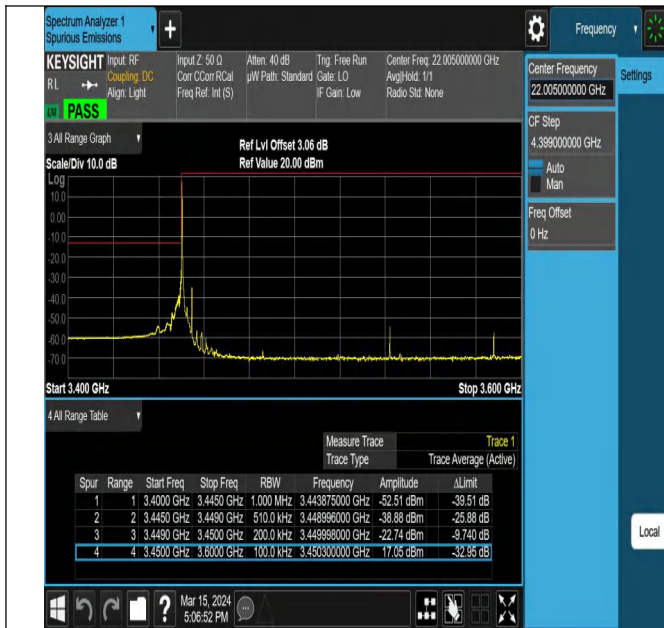
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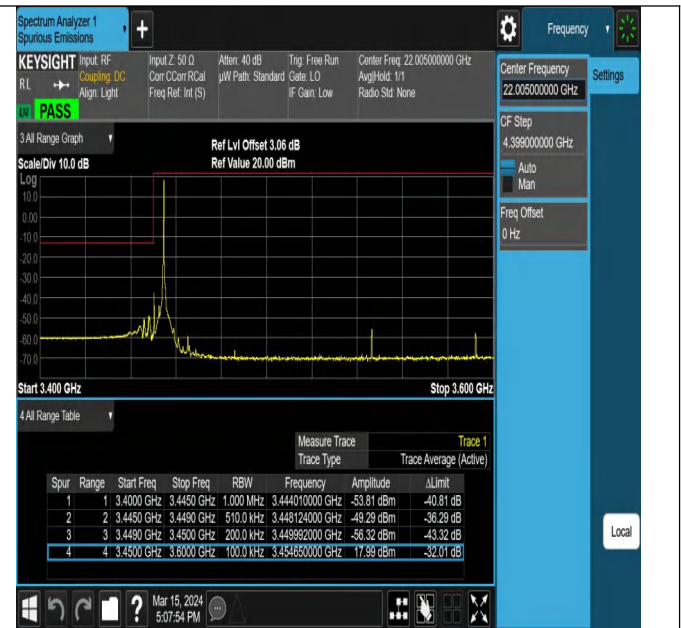
42(3450-3550)-20MHz-16QAM-42990-100RB#0-PASS

Band Edge

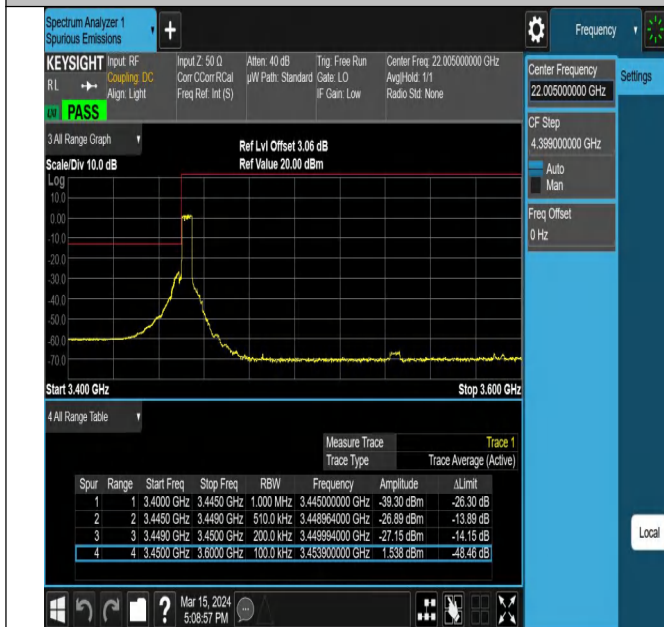
Test Graphs



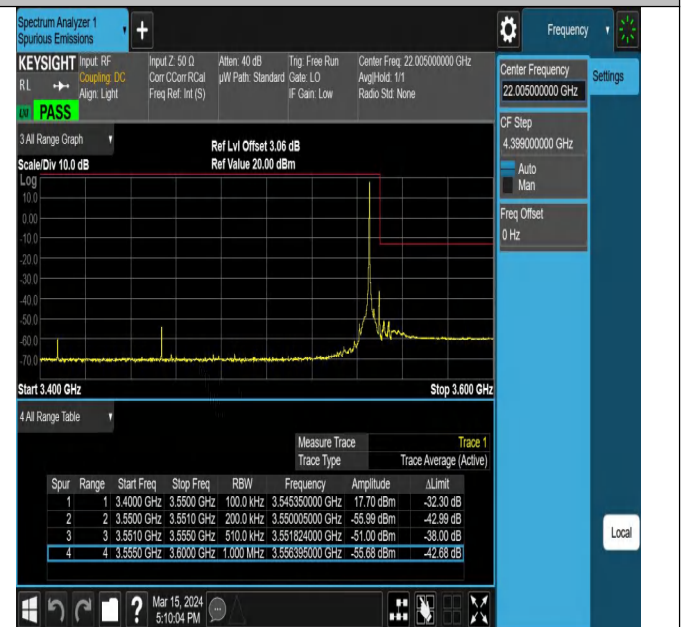
Band42_5MHz_QPSK_42115_1RB#0



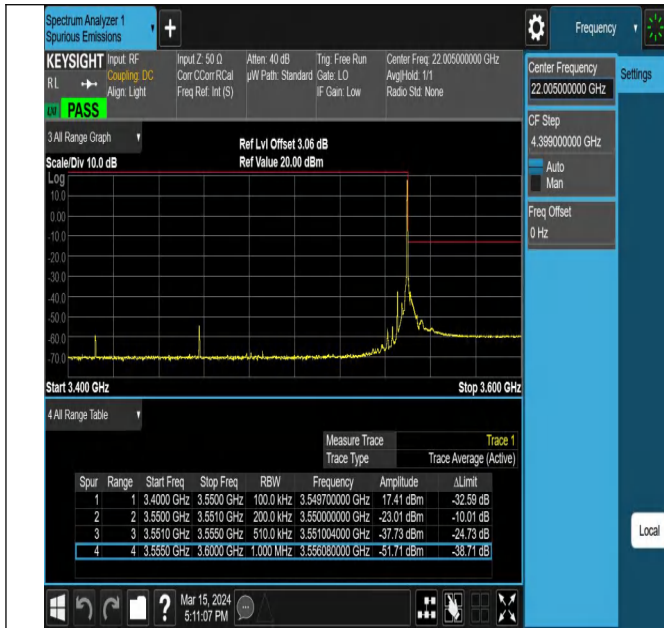
Band42_5MHz_QPSK_42115_1RB#24



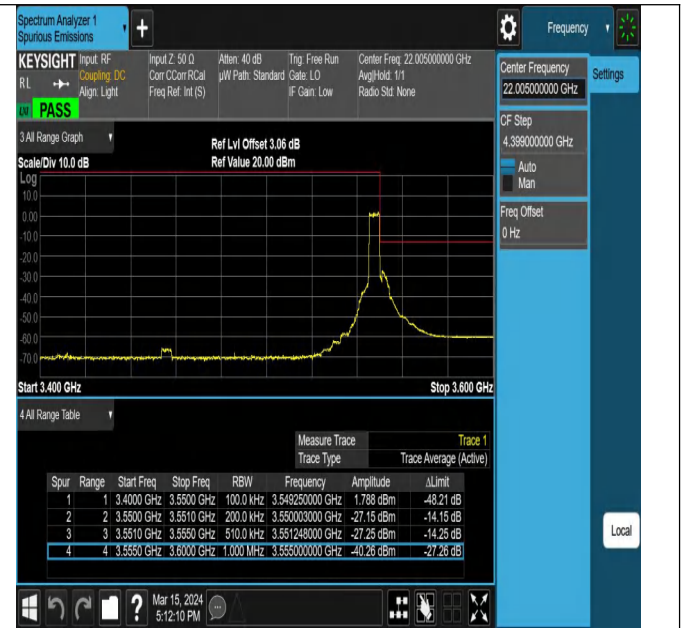
Band42_5MHz_QPSK_42115_25RB#0



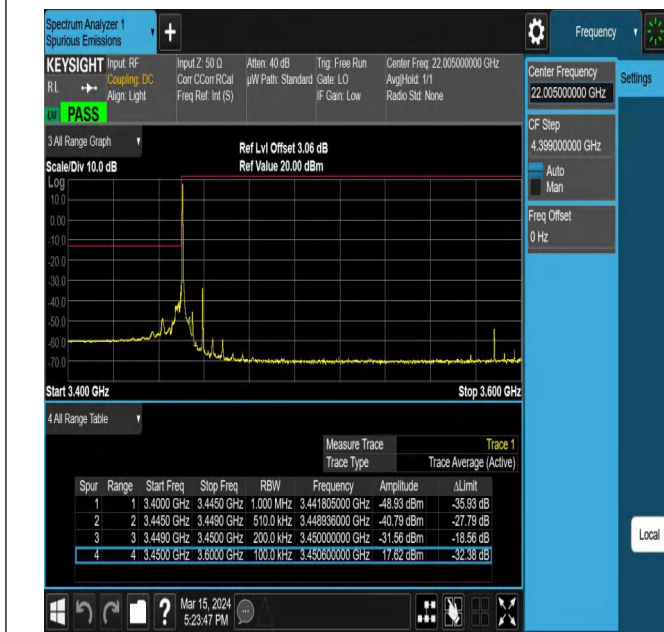
Band42_5MHz_QPSK_43065_1RB#0



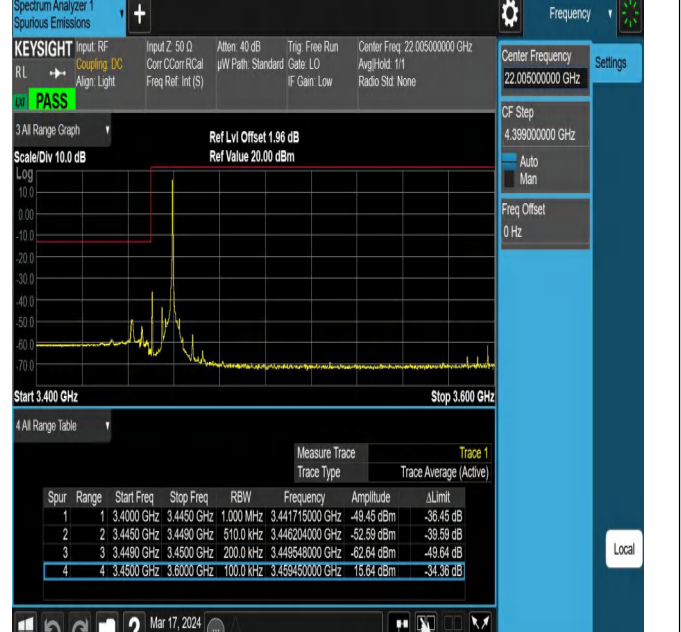
Band42_5MHz_QPSK_43065_1RB#24



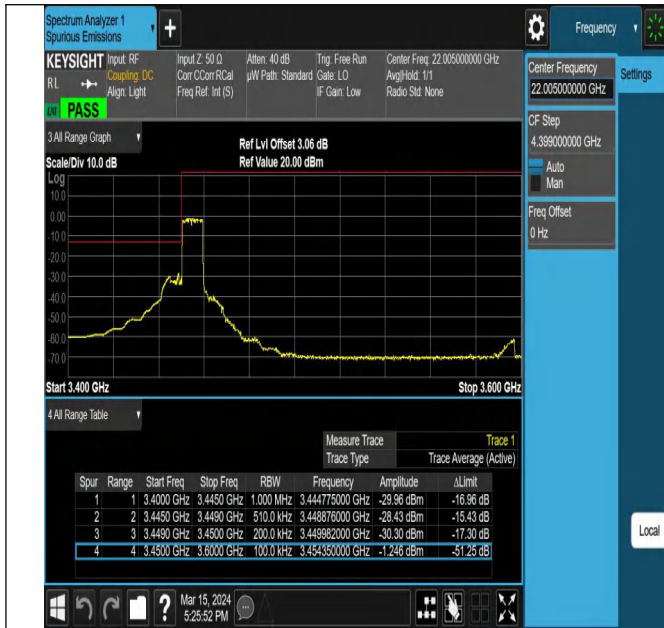
Band42_5MHz_QPSK_43065_25RB#0



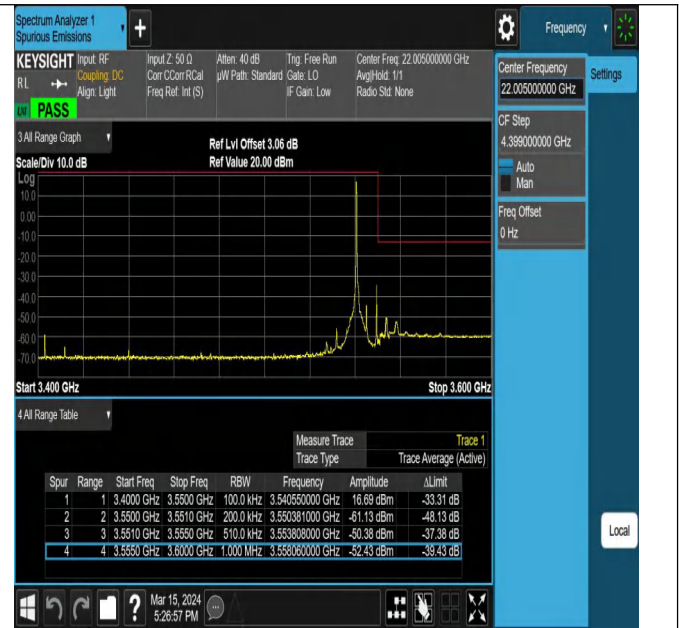
Band42_10MHz_QPSK_42140_1RB#0



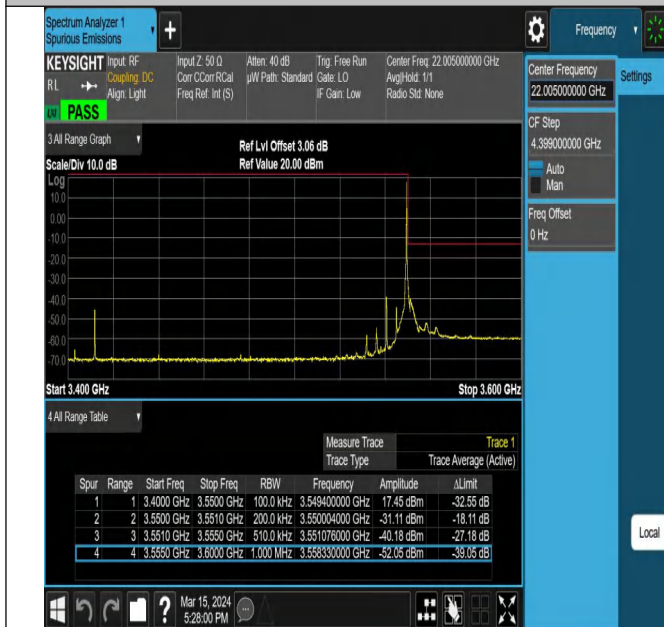
Band42_10MHz_QPSK_42140_1RB#49



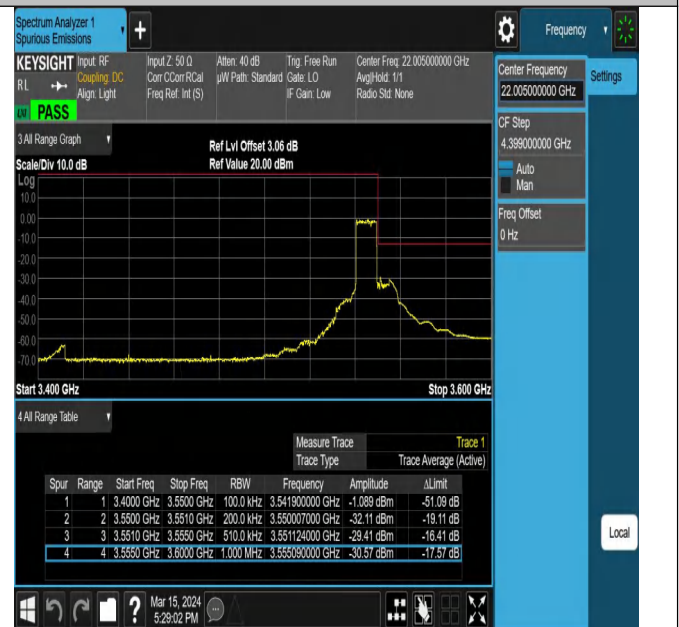
Band42_10MHz_QPSK_42140_50RB#0



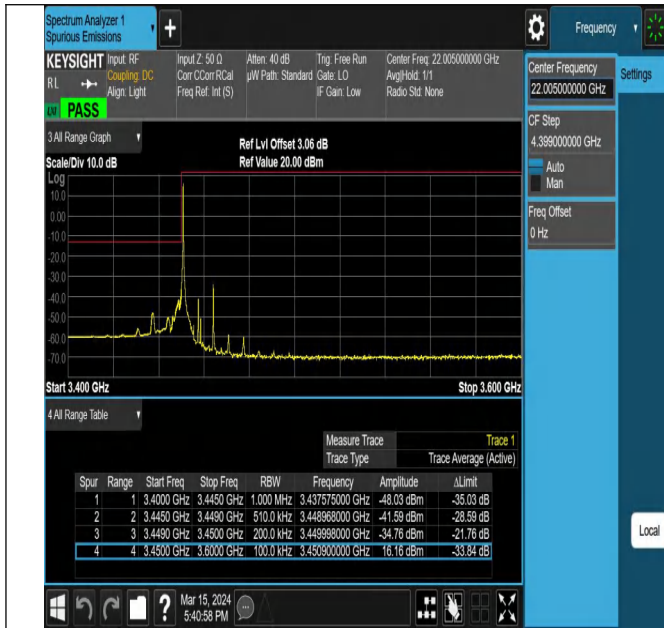
Band42_10MHz_QPSK_43040_1RB#0



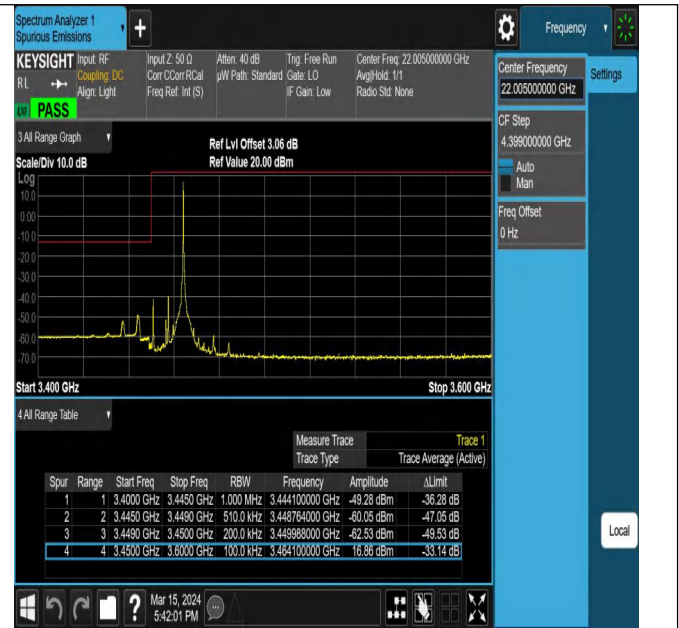
Band42_10MHz_QPSK_43040_1RB#49



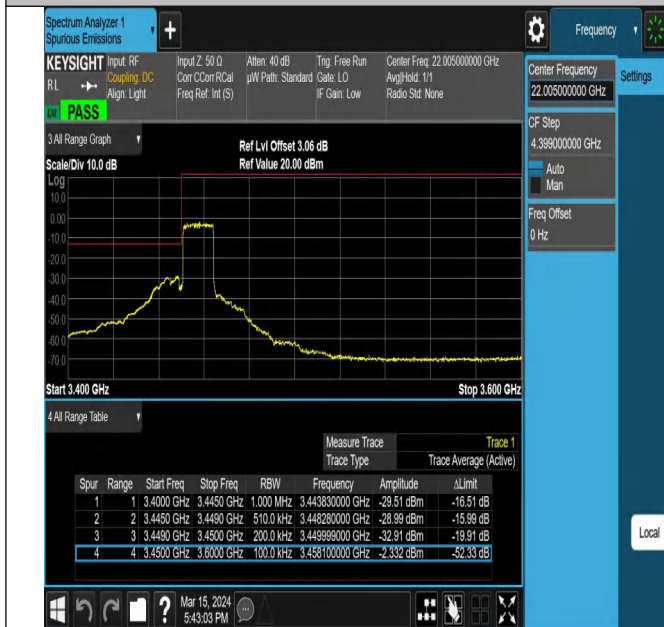
Band42_10MHz_QPSK_43040_50RB#0



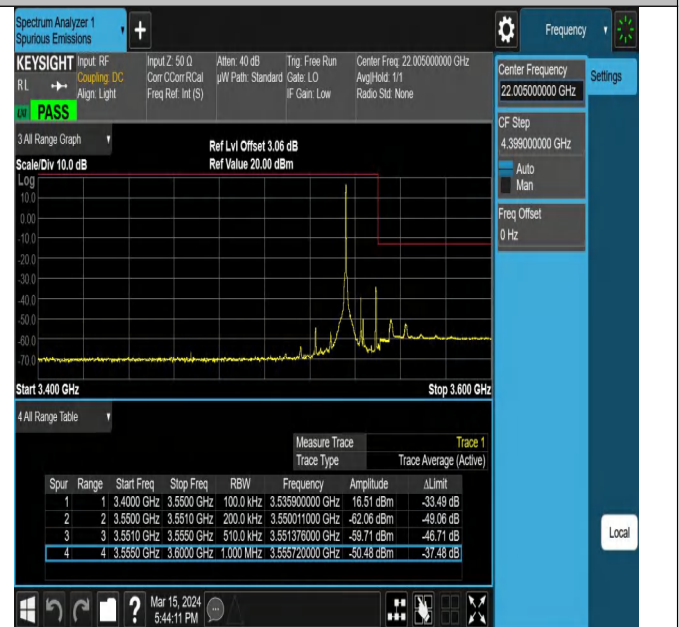
Band42_15MHz_QPSK_42165_1RB#0



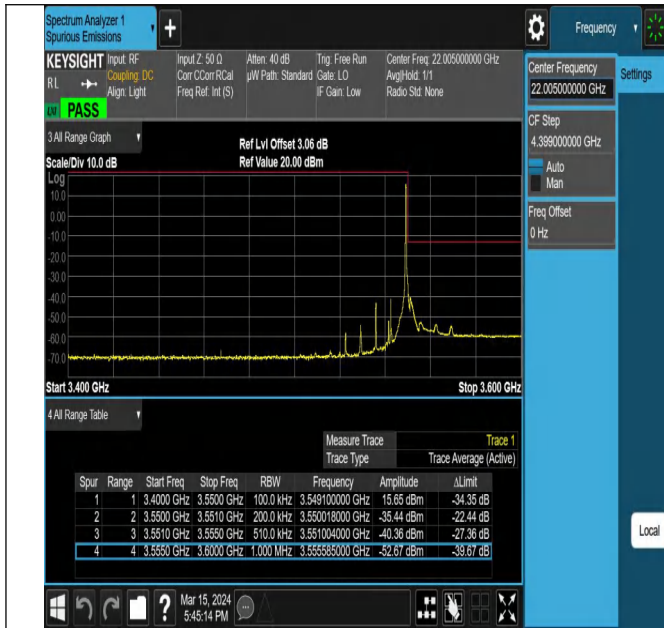
Band42_15MHz_QPSK_42165_1RB#74



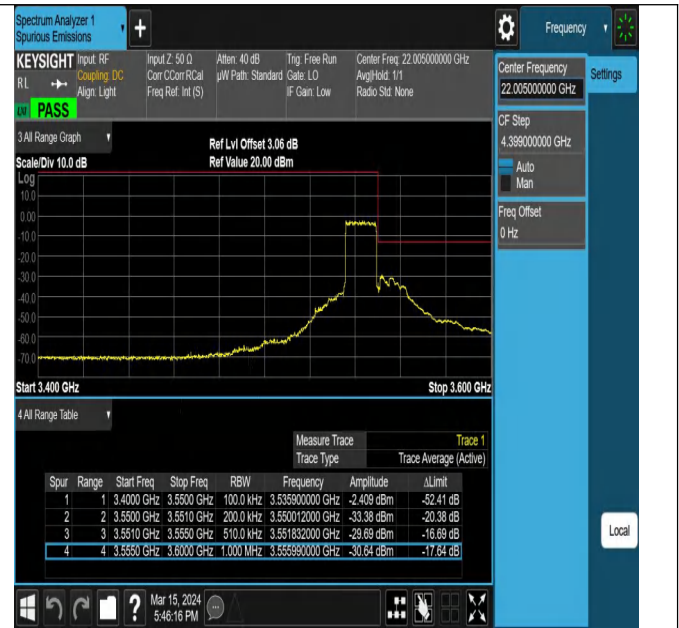
Band42_15MHz_QPSK_42165_75RB#0



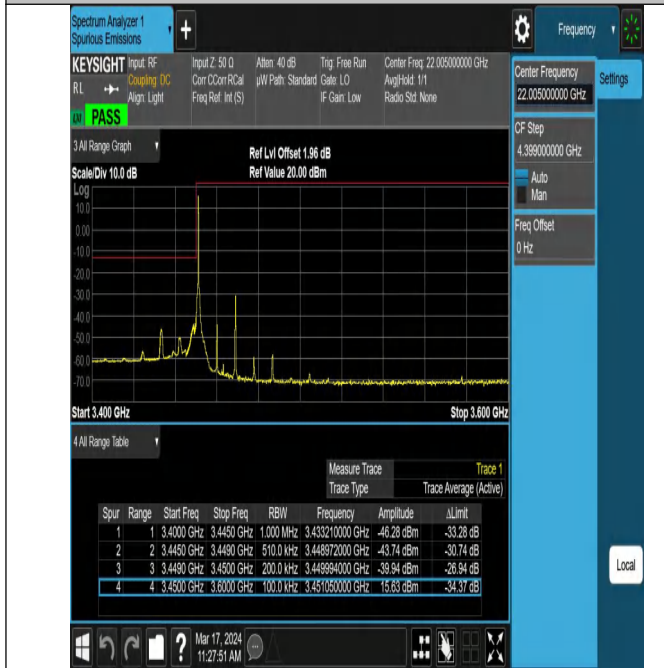
Band42_15MHz_QPSK_43015_1RB#0



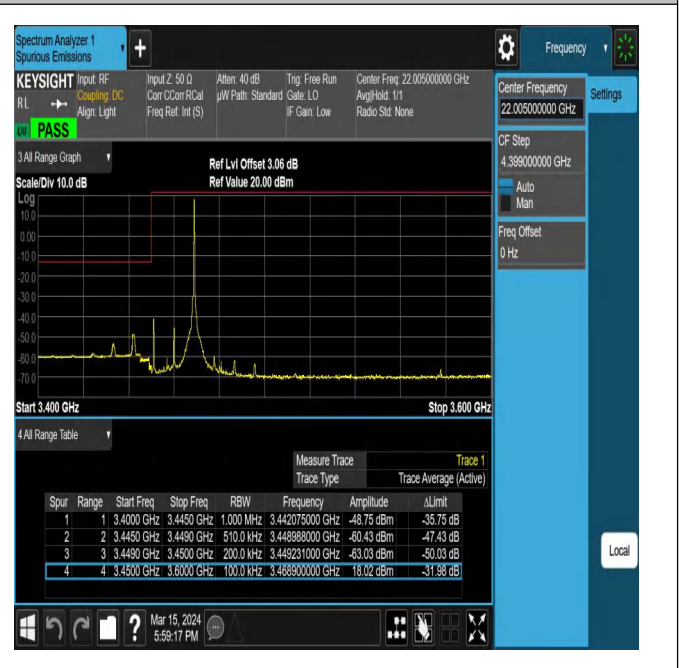
Band42_15MHz_QPSK_43015_1RB#74



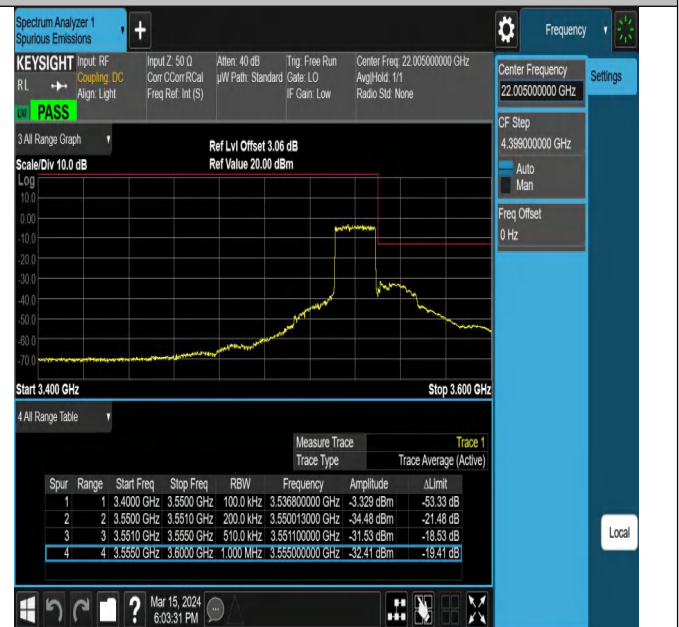
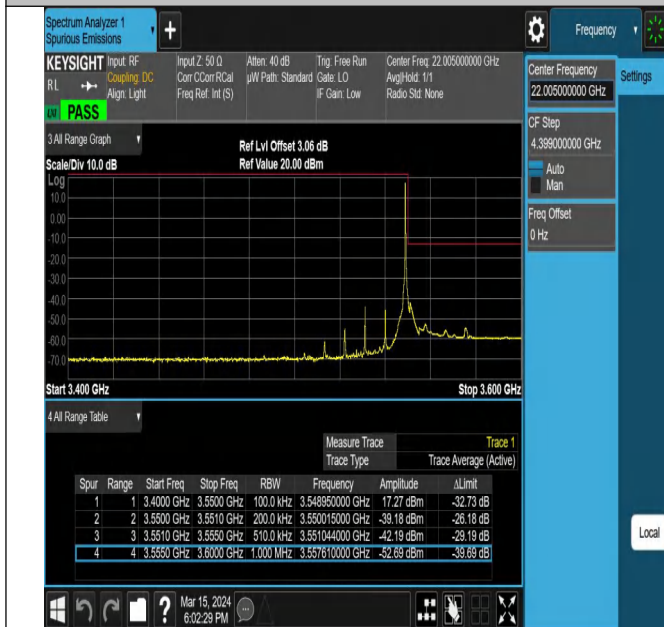
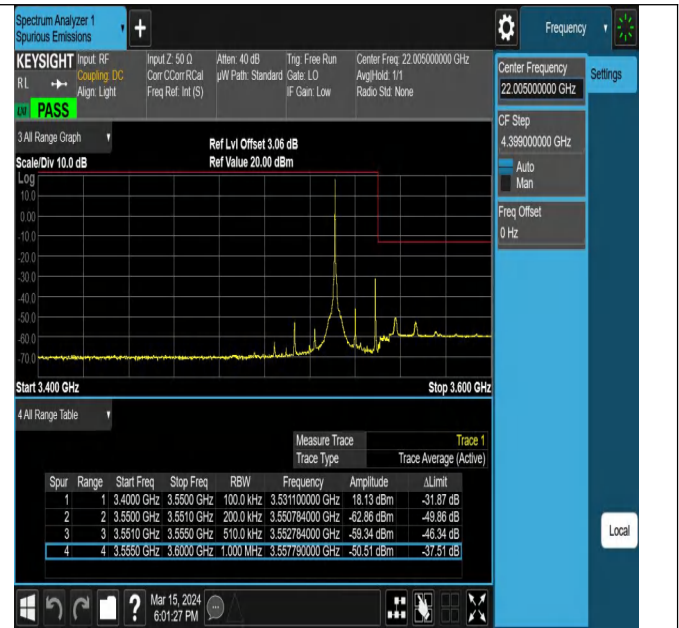
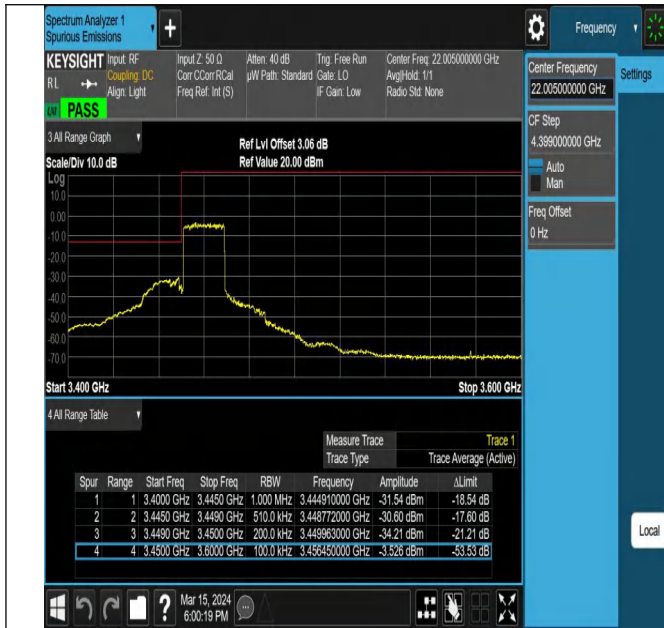
Band42_15MHz_QPSK_43015_75RB#0



Band42_20MHz_QPSK_42190_1RB#0



Band42_20MHz_QPSK_42190_1RB#99



Conducted Spurious Emission

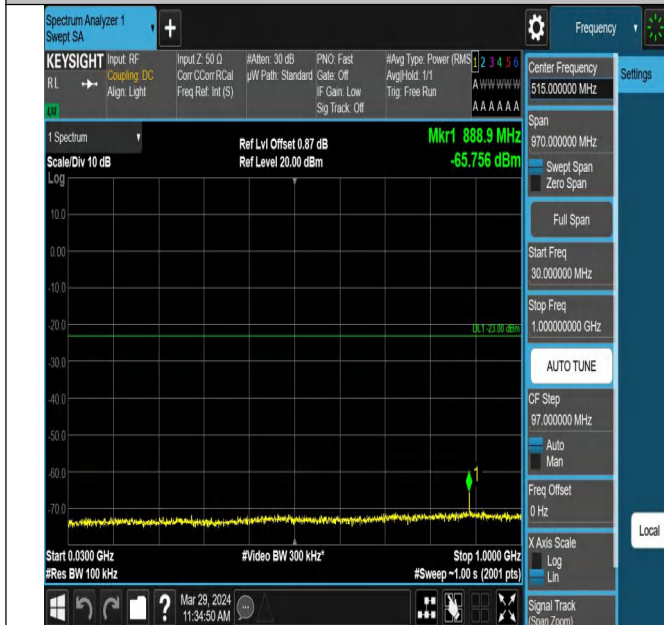
Test Graphs



Band42_5MHz_QPSK_42115_1RB#0_0.009~0.15_0.009~0.15



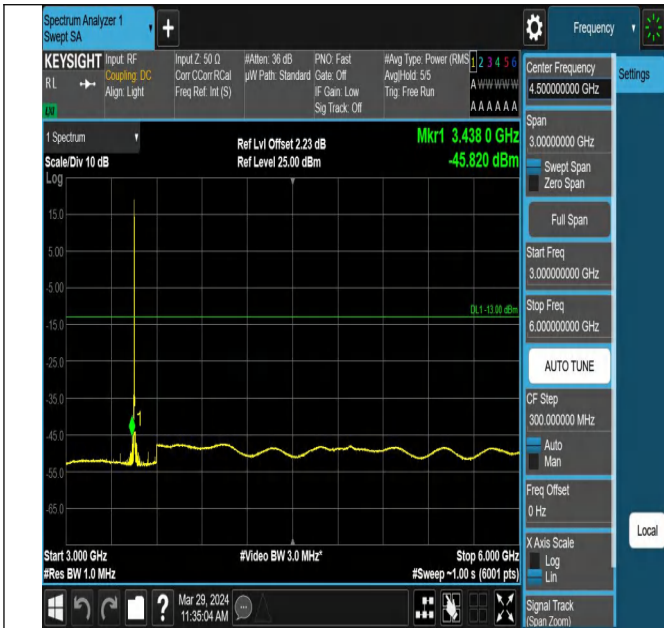
Band42_5MHz_QPSK_42115_1RB#0_0.15~30_0.15~30



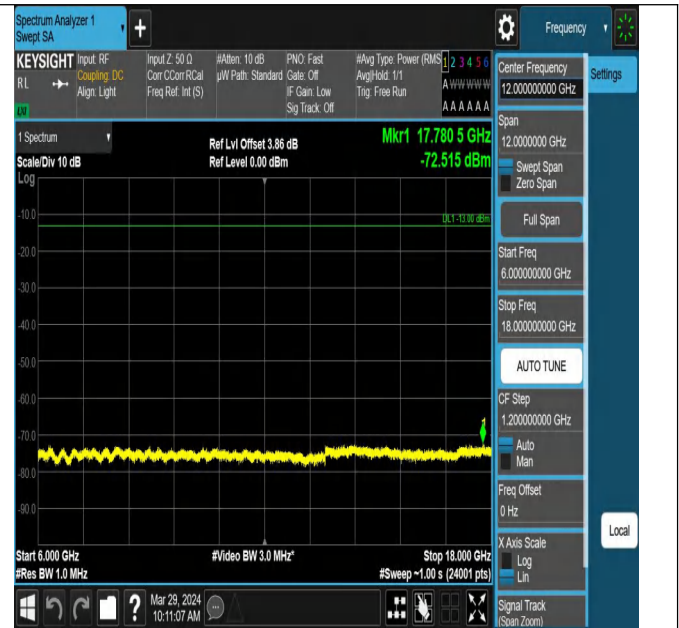
Band42_5MHz_QPSK_42115_1RB#0_30~1000_30~1000



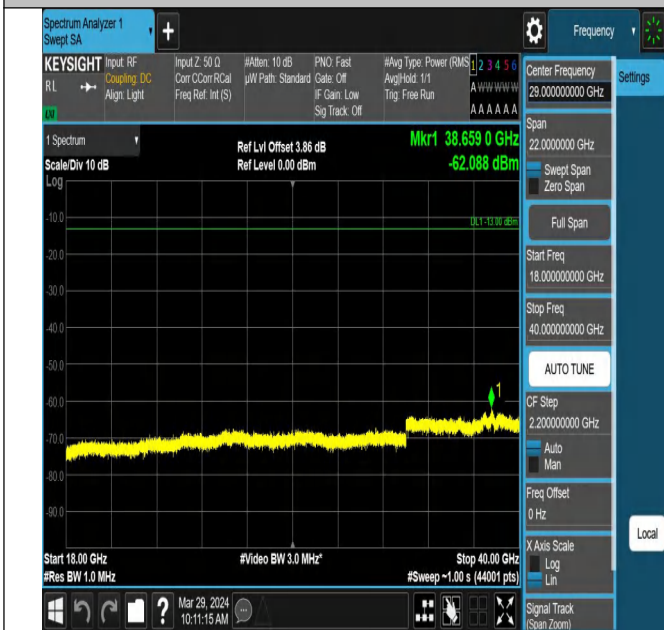
Band42_5MHz_QPSK_42115_1RB#0_1000~3000_1000~3000



Band42_5MHz_QPSK_42115_1RB#0_3000~6000_3000~6000



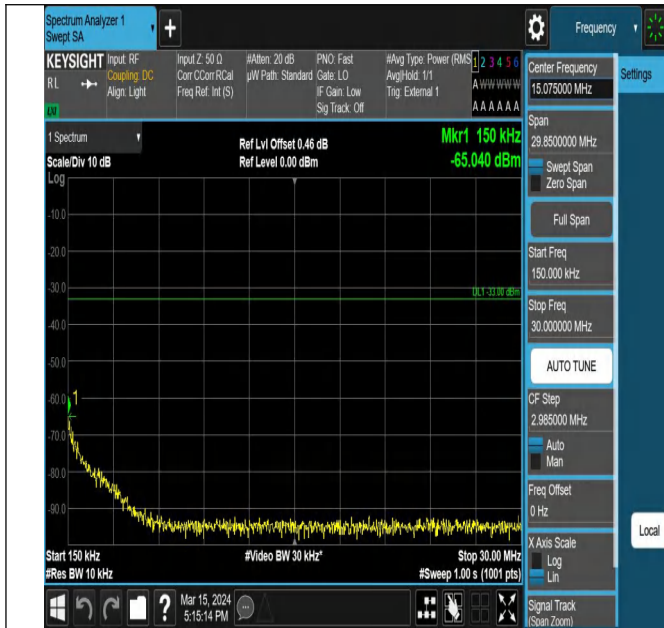
Band42_5MHz_QPSK_42115_1RB#0_6000~18000_6000~18000



Band42_5MHz_QPSK_42115_1RB#0_18000~40000_18000~40000



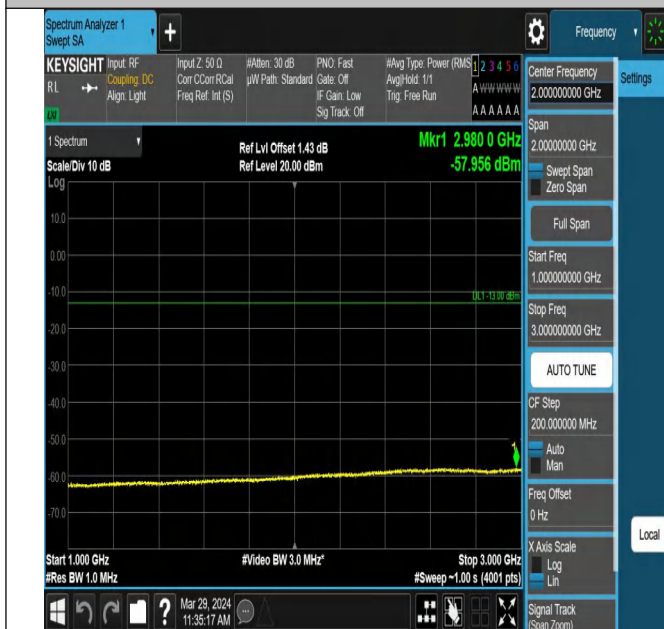
Band42_5MHz_QPSK_42590_1RB#0_0.009~0.15_0.009~0.15



Band42_5MHz_QPSK_42590_1RB#0_0.15~30_0.15~30

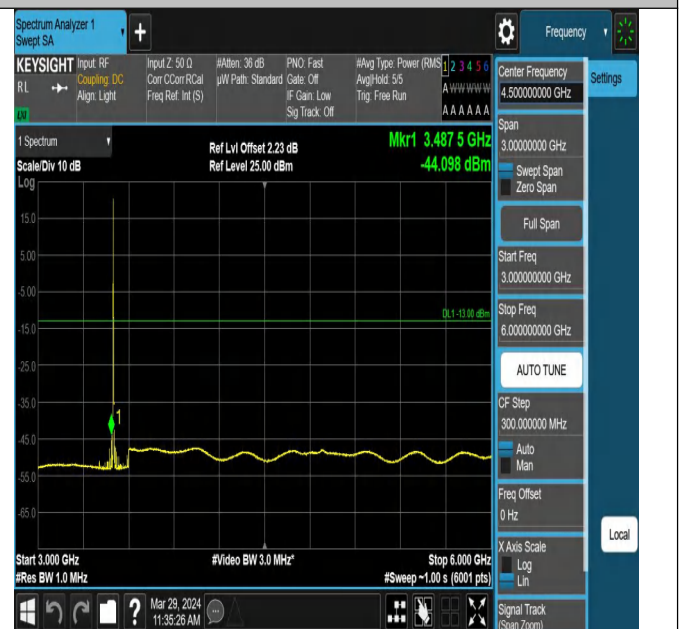


Band42_5MHz_QPSK_42590_1RB#0_30~1000_30~1000



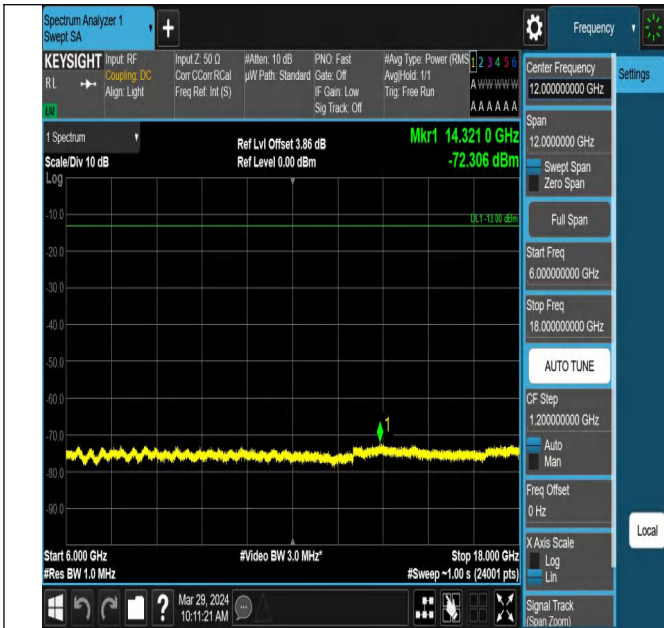
Band42_5MHz_QPSK_42590_1RB#0_1000~3000_1000~300

0



Band42_5MHz_QPSK_42590_1RB#0_3000~6000_3000~600

0



Band42_5MHz_QPSK_42590_1RB#0_6000~18000_6000~18000



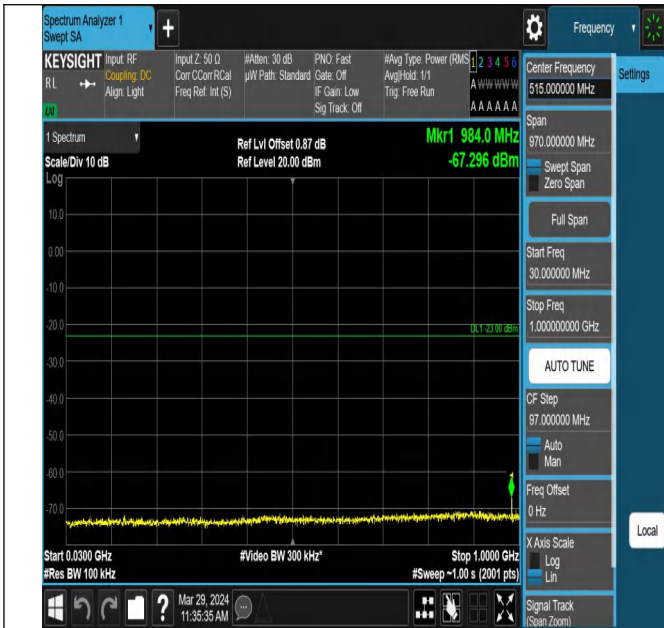
Band42_5MHz_QPSK_42590_1RB#0_18000~40000_18000~40000



Band42_5MHz_QPSK_43065_1RB#0_0.009~0.15_0.009~0.15



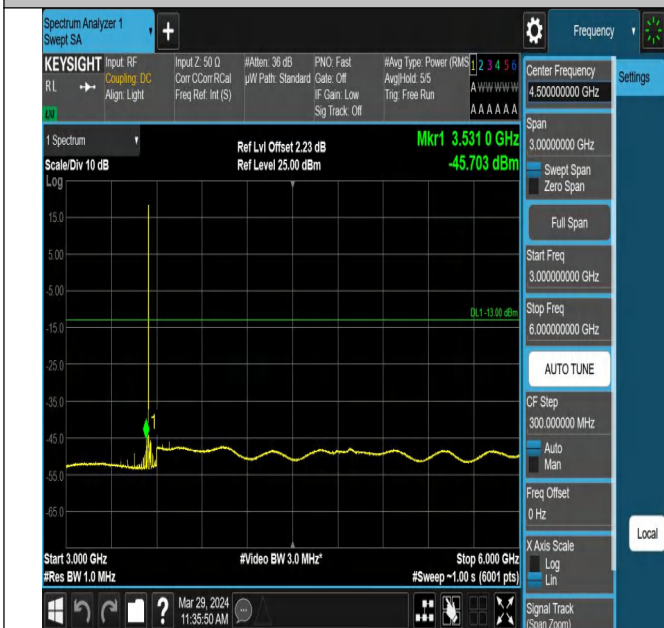
Band42_5MHz_QPSK_43065_1RB#0_0.15~30_0.15~30



Band42_5MHz_QPSK_43065_1RB#0_30~1000_30~1000



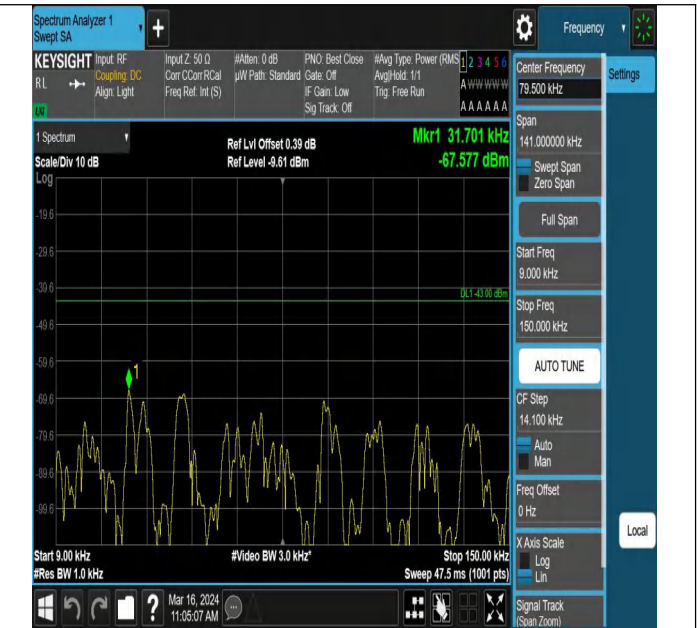
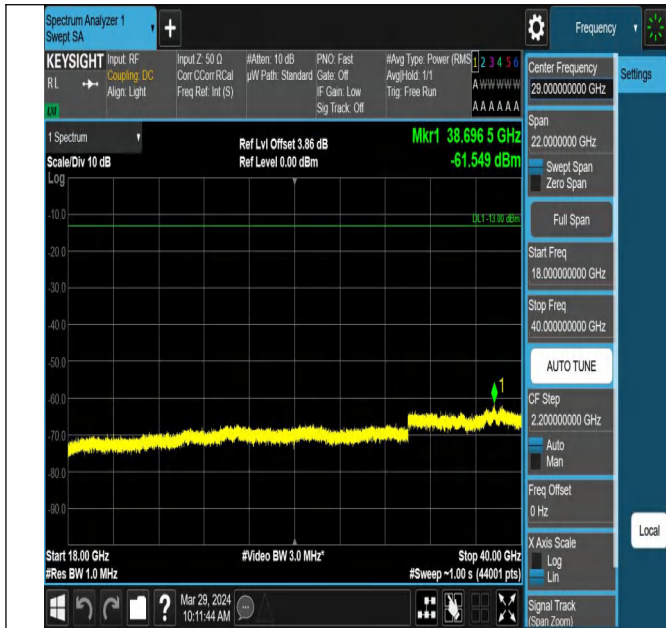
Band42_5MHz_QPSK_43065_1RB#0_1000~3000_1000~3000



Band42_5MHz_QPSK_43065_1RB#0_3000~6000_3000~6000



Band42_5MHz_QPSK_43065_1RB#0_6000~18000_6000~18000



Band42_5MHz_QPSK_43065_1RB#0_18000~40000_18000~40000

Band42_10MHz_QPSK_42140_1RB#0_0.009~0.15_0.009~0.15



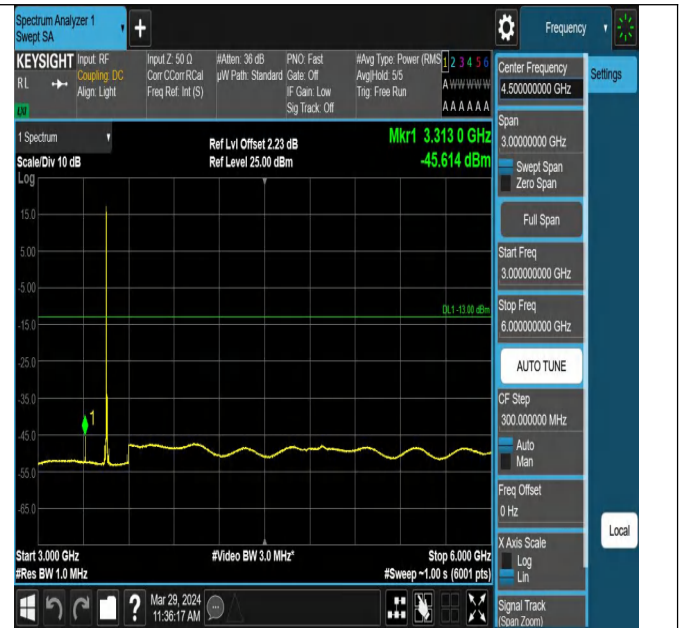
Band42_10MHz_QPSK_42140_1RB#0_0.15~30_0.15~30

Band42_10MHz_QPSK_42140_1RB#0_30~1000_30~1000



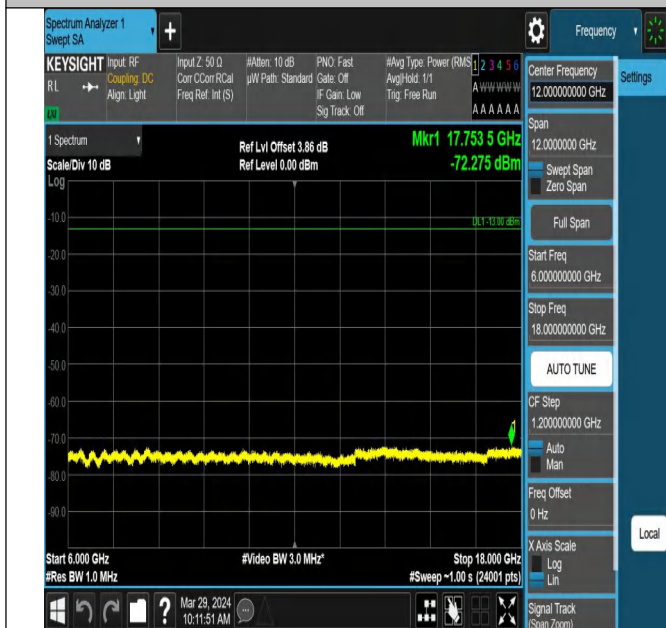
Band42_10MHz_QPSK_42140_1RB#0_1000~3000_1000~30

00



Band42_10MHz_QPSK_42140_1RB#0_3000~6000_3000~60

00



Band42_10MHz_QPSK_42140_1RB#0_6000~18000_6000~1

8000



Band42_10MHz_QPSK_42140_1RB#0_18000~40000_18000

~40000