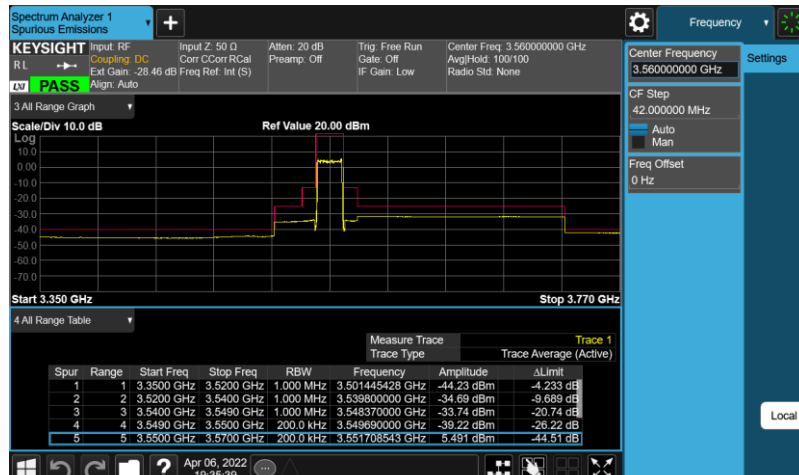
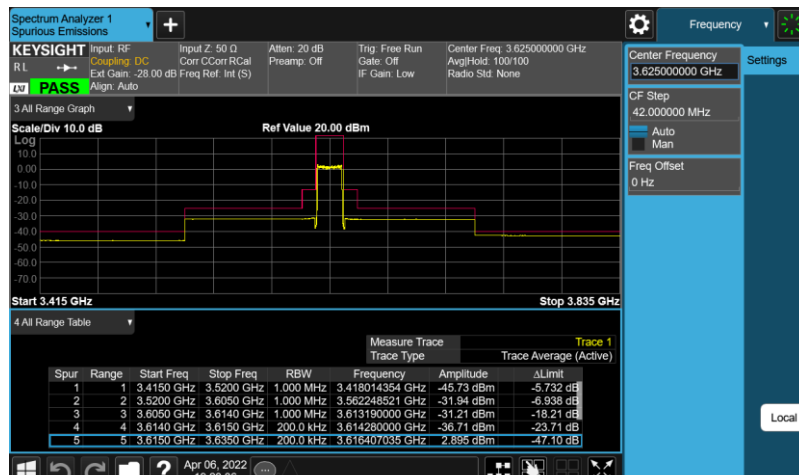


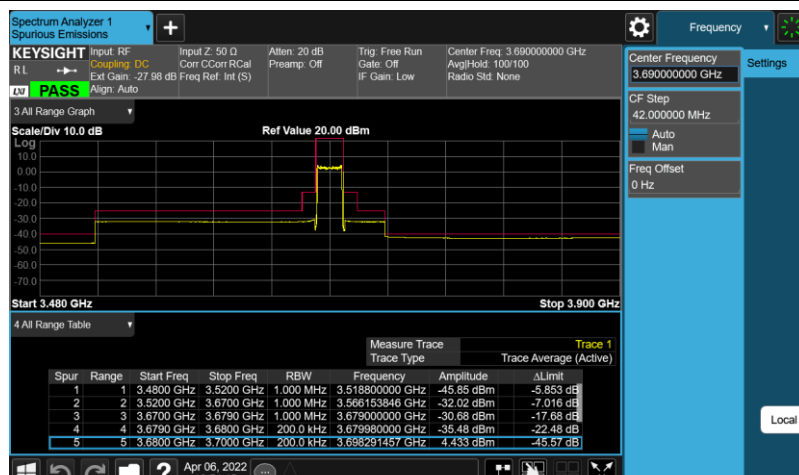
Band48-20MHz-QPSK-55340-E-TM1.1



Band48-20MHz-QPSK-55990-E-TM1.1



Band48-20MHz-QPSK-56640-E-TM1.1



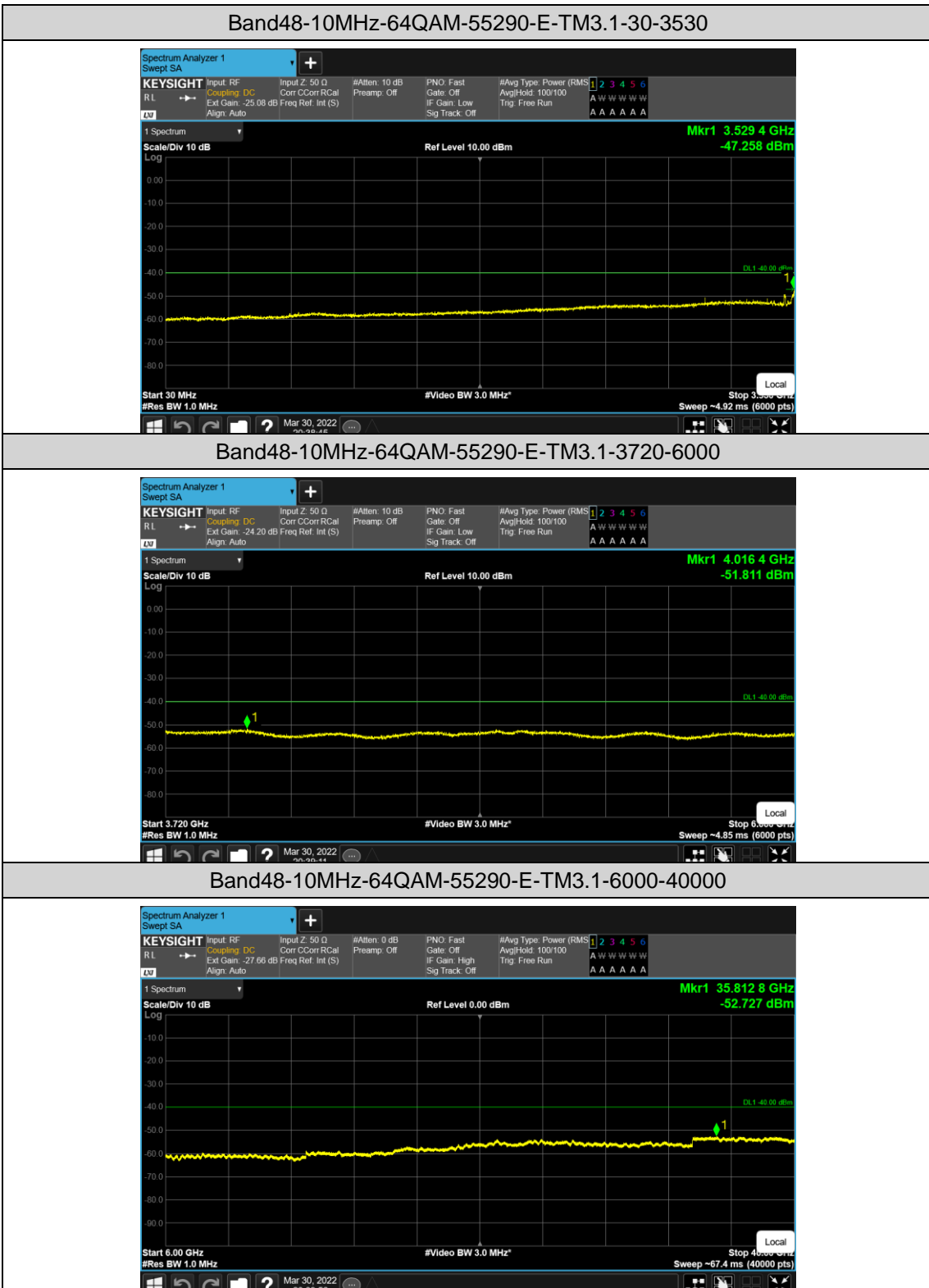
Appendix G: Conducted Spurious Emission

Test Result

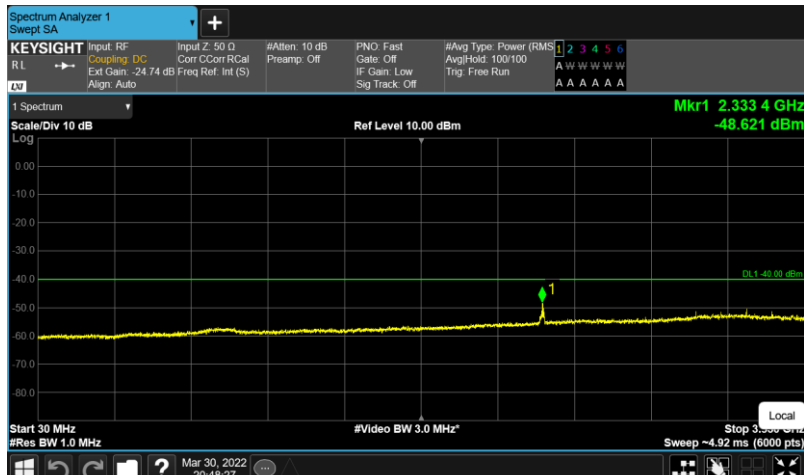
Band	Bandwidth	Modulation	Channel	Mode	Test Frequency(MHz)	Result (dBm)	Verdict
Band48	10MHz	64QAM	55290	E-TM3.1	30-3530	-47.26	PASS
Band48	10MHz	64QAM	55290	E-TM3.1	3720-6000	-51.81	PASS
Band48	10MHz	64QAM	55290	E-TM3.1	6000-40000	-52.73	PASS
Band48	10MHz	64QAM	55990	E-TM3.1	30-3530	-48.62	PASS
Band48	10MHz	64QAM	55990	E-TM3.1	3720-6000	-52.05	PASS
Band48	10MHz	64QAM	55990	E-TM3.1	6000-40000	-52.28	PASS
Band48	10MHz	64QAM	56690	E-TM3.1	30-3530	-46.61	PASS
Band48	10MHz	64QAM	56690	E-TM3.1	3720-6000	-45.22	PASS
Band48	10MHz	64QAM	56690	E-TM3.1	6000-40000	-52.72	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	30-3530	-47.09	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	3720-6000	-52.09	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	6000-40000	-52.63	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	30-3530	-49.91	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	3720-6000	-51.77	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	6000-40000	-52.77	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	30-3530	-50.24	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	3720-6000	-48.28	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	6000-40000	-52.69	PASS
Band48	20MHz	64QAM	55340	E-TM3.1	30-3530	-40.75	PASS
Band48	20MHz	64QAM	55340	E-TM3.1	3720-6000	-52.08	PASS
Band48	20MHz	64QAM	55340	E-TM3.1	6000-40000	-52.56	PASS
Band48	20MHz	64QAM	55990	E-TM3.1	30-3530	-50.39	PASS
Band48	20MHz	64QAM	55990	E-TM3.1	3720-6000	-51.83	PASS
Band48	20MHz	64QAM	55990	E-TM3.1	6000-40000	-52.48	PASS
Band48	20MHz	64QAM	56640	E-TM3.1	30-3530	-50.29	PASS
Band48	20MHz	64QAM	56640	E-TM3.1	3720-6000	-43.90	PASS
Band48	20MHz	64QAM	56640	E-TM3.1	6000-40000	-52.67	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	30-3530	-40.62	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	3720-6000	-52.83	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	6000-40000	-52.46	PASS
Band48	20MHz	QPSK	55990	E-TM1.1	30-3530	-50.66	PASS

Band48	20MHz	QPSK	55990	E-TM1.1	3720-6000	-52.05	PASS
Band48	20MHz	QPSK	55990	E-TM1.1	6000-40000	-52.54	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	30-3530	-50.28	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	3720-6000	-42.66	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	6000-40000	-52.74	PASS

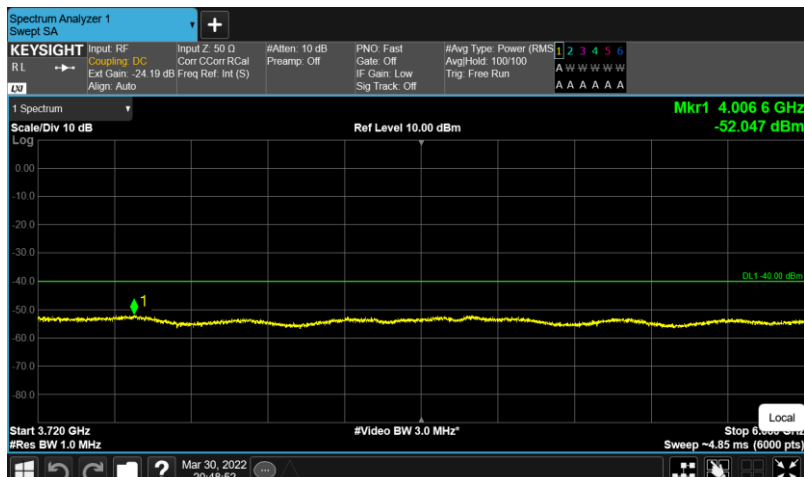
Test Graphs



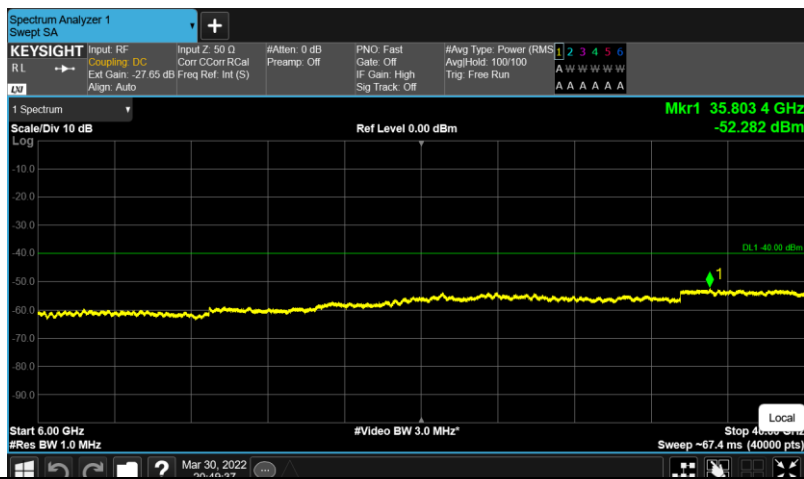
Band48-10MHz-64QAM-55990-E-TM3.1-30-3530



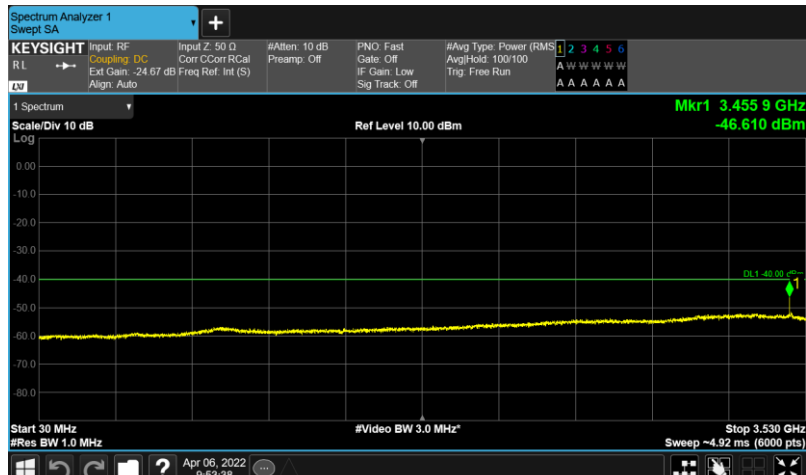
Band48-10MHz-64QAM-55990-E-TM3.1-3720-6000



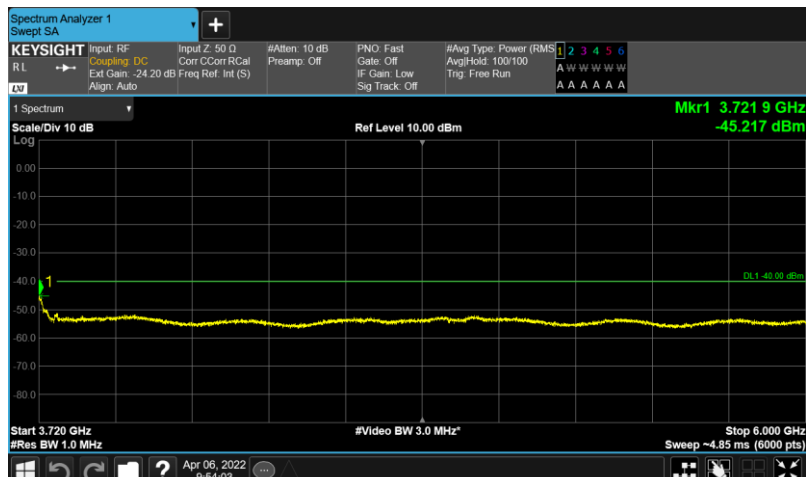
Band48-10MHz-64QAM-55990-E-TM3.1-6000-40000



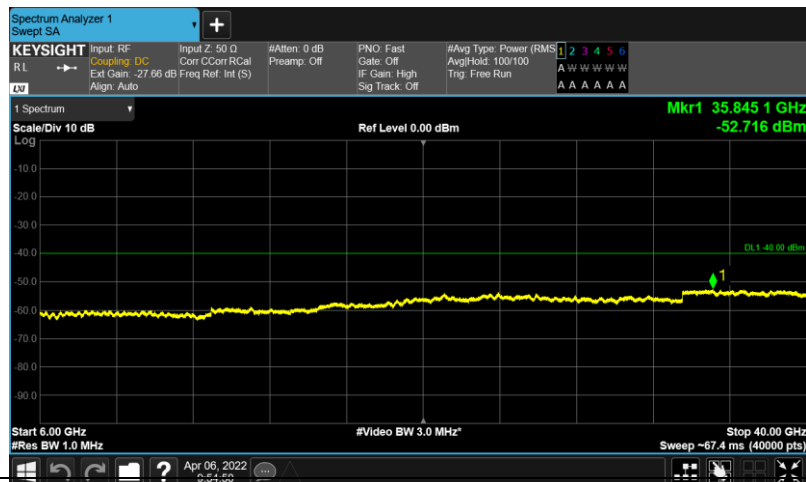
Band48-10MHz-64QAM-56690-E-TM3.1-30-3530



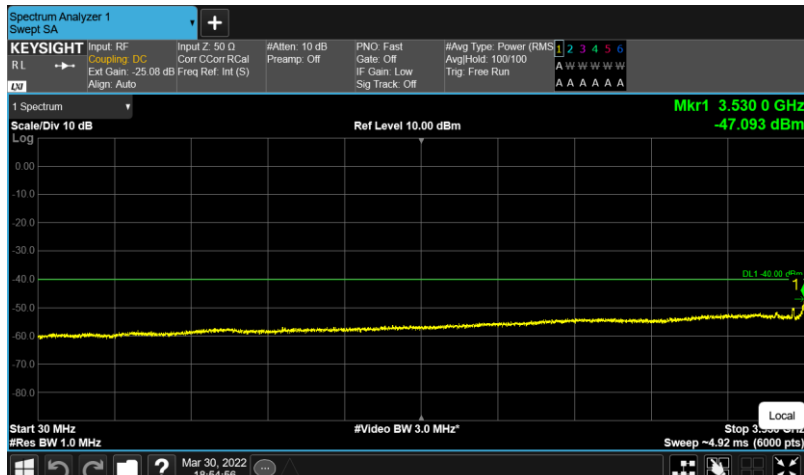
Band48-10MHz-64QAM-56690-E-TM3.1-3720-6000



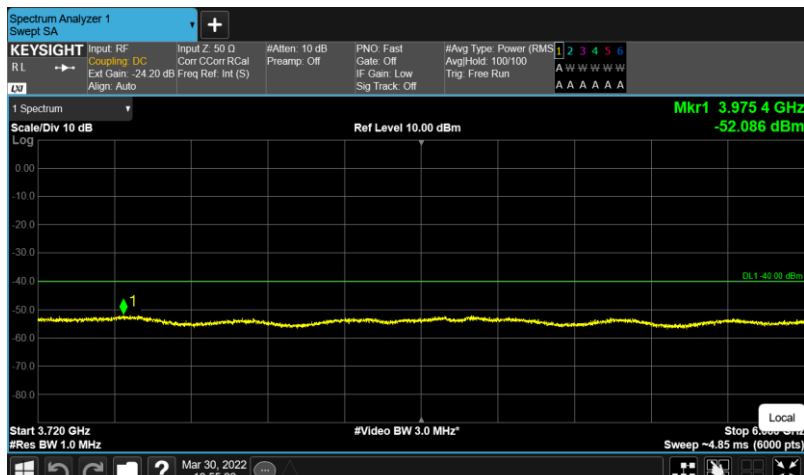
Band48-10MHz-64QAM-56690-E-TM3.1-6000-40000



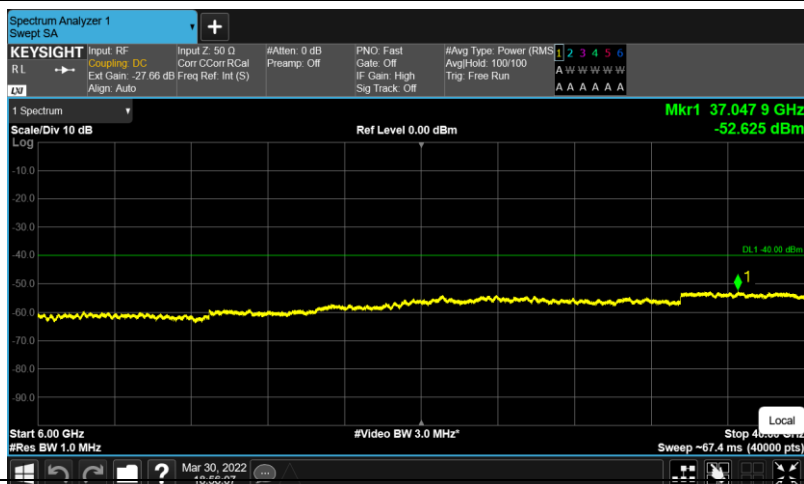
Band48-10MHz-QPSK-55290-E-TM1.1-30-3530



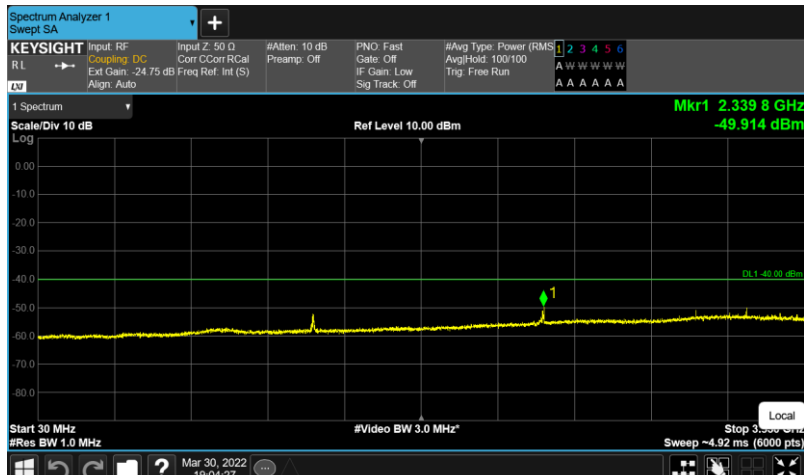
Band48-10MHz-QPSK-55290-E-TM1.1-3720-6000



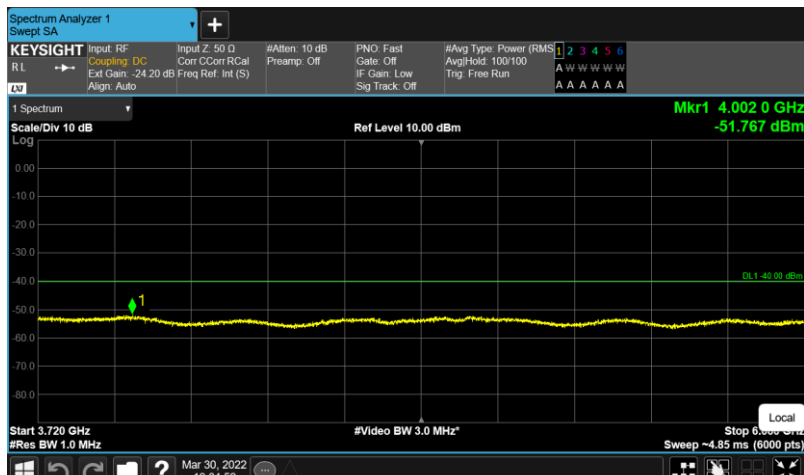
Band48-10MHz-QPSK-55290-E-TM1.1-6000-40000



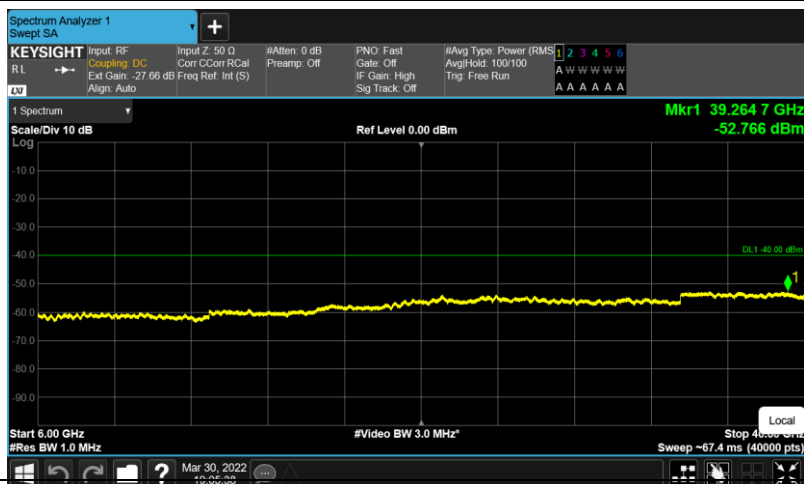
Band48-10MHz-QPSK-55990-E-TM1.1-30-3530



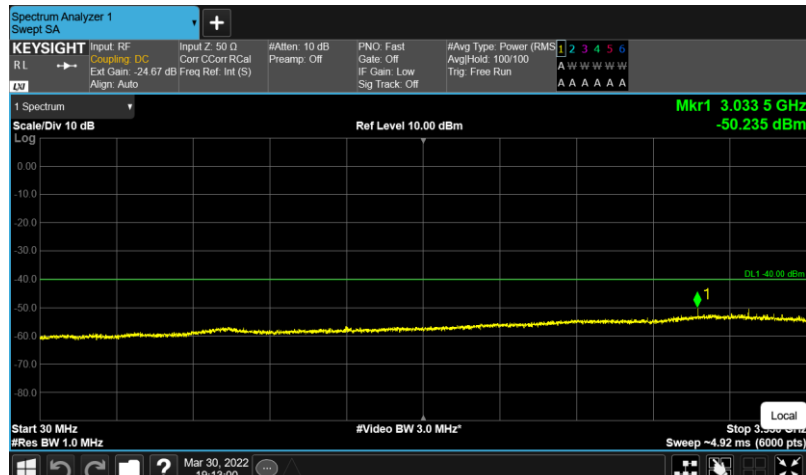
Band48-10MHz-QPSK-55990-E-TM1.1-3720-6000



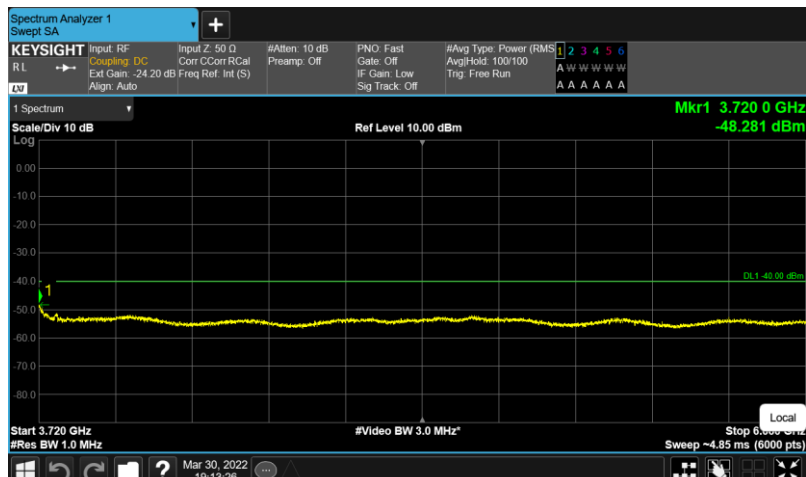
Band48-10MHz-QPSK-55990-E-TM1.1-6000-40000



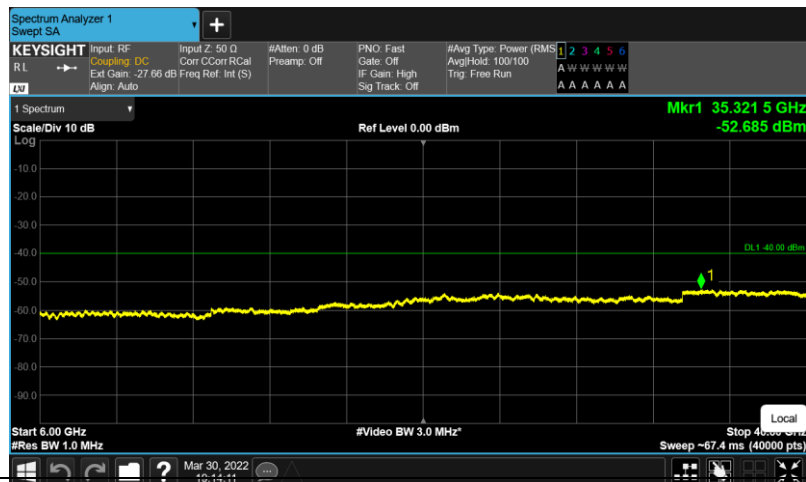
Band48-10MHz-QPSK-56690-E-TM1.1-30-3530



Band48-10MHz-QPSK-56690-E-TM1.1-3720-6000



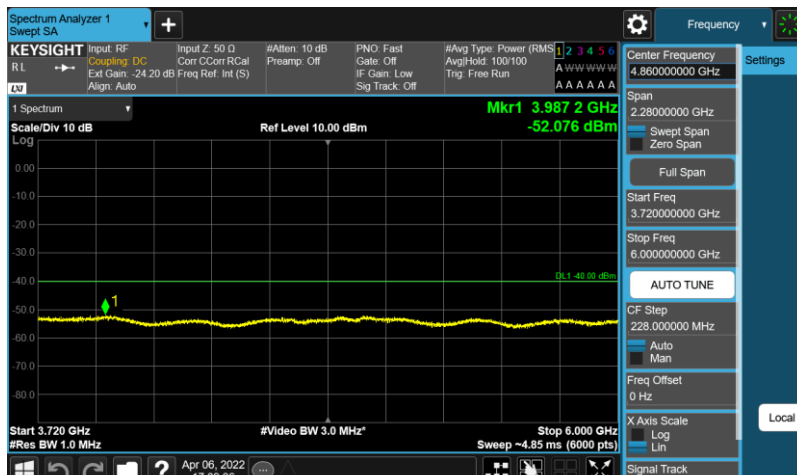
Band48-10MHz-QPSK-56690-E-TM1.1-6000-40000



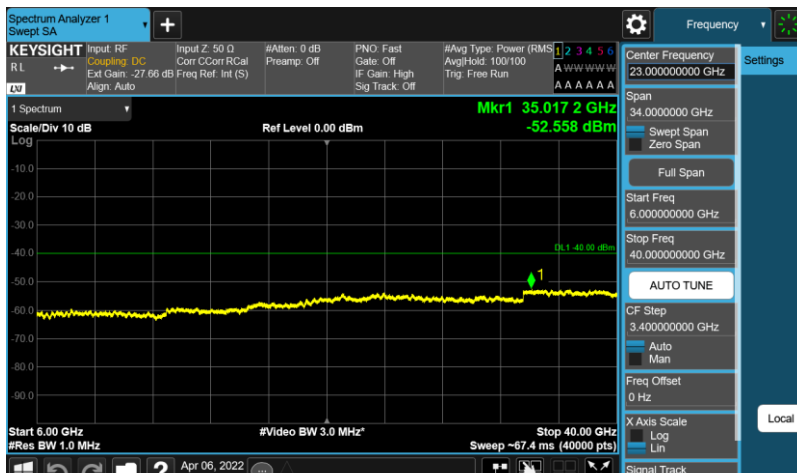
Band48-20MHz-64QAM-55340-E-TM3.1-30-3530



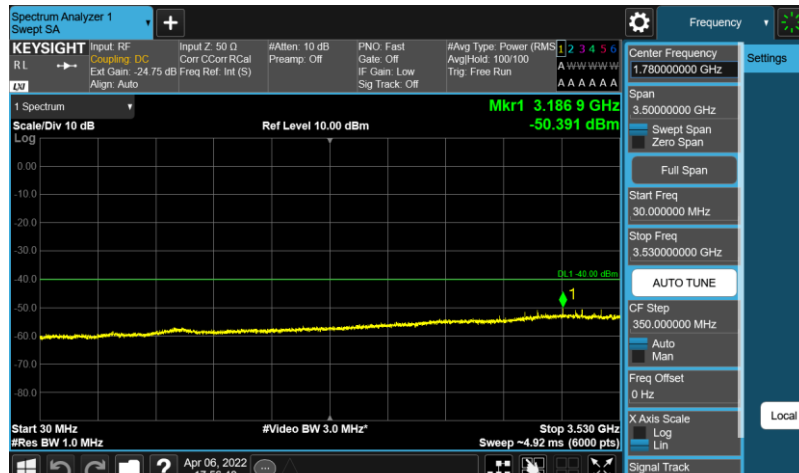
Band48-20MHz-64QAM-55340-E-TM3.1-3720-6000



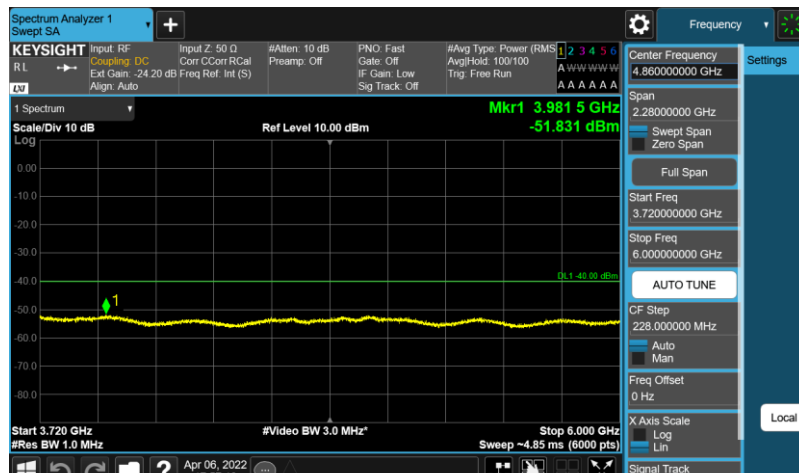
Band48-20MHz-64QAM-55340-E-TM3.1-6000-40000



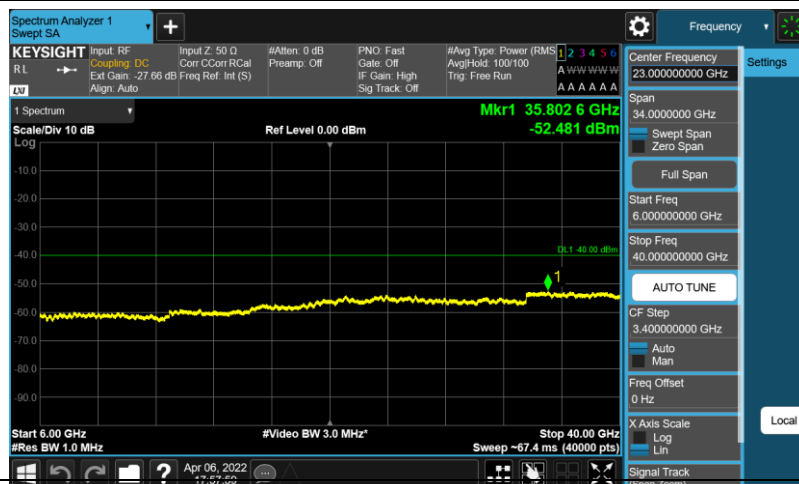
Band48-20MHz-64QAM-55990-E-TM3.1-30-3530



Band48-20MHz-64QAM-55990-E-TM3.1-3720-6000



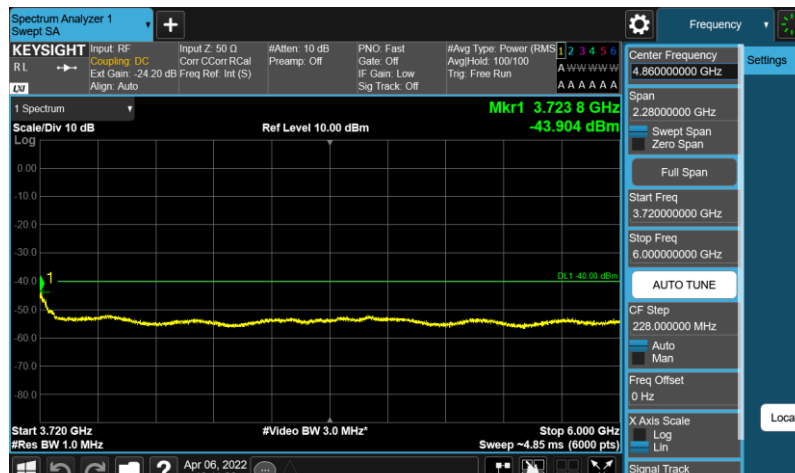
Band48-20MHz-64QAM-55990-TM3.1A-6000-40000



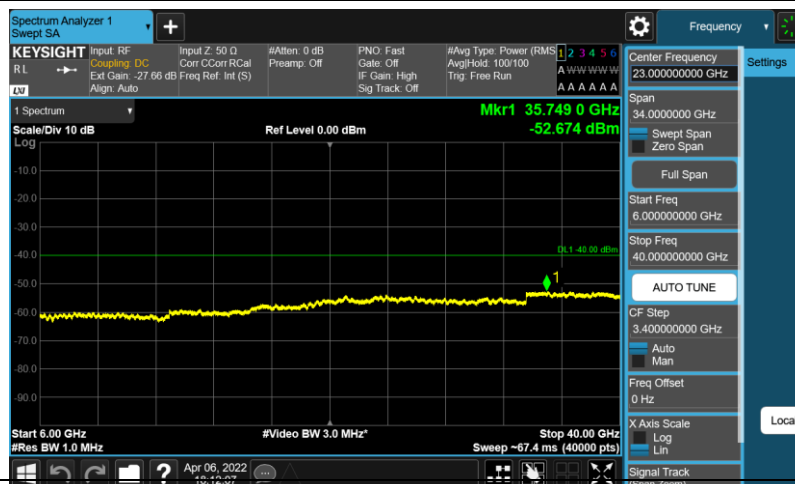
Band48-20MHz-64QAM-56640-E-TM3.1-30-3530



Band48-20MHz-64QAM-56640-E-TM3.1-3720-6000



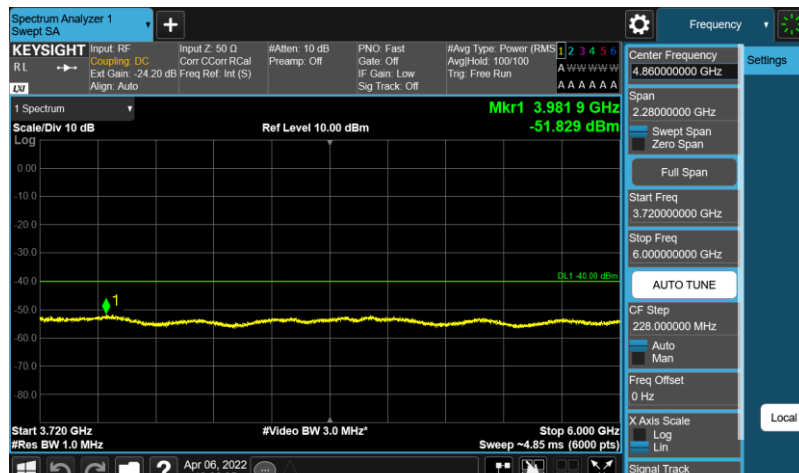
Band48-20MHz-64QAM-56640-E-TM3.1-6000-40000



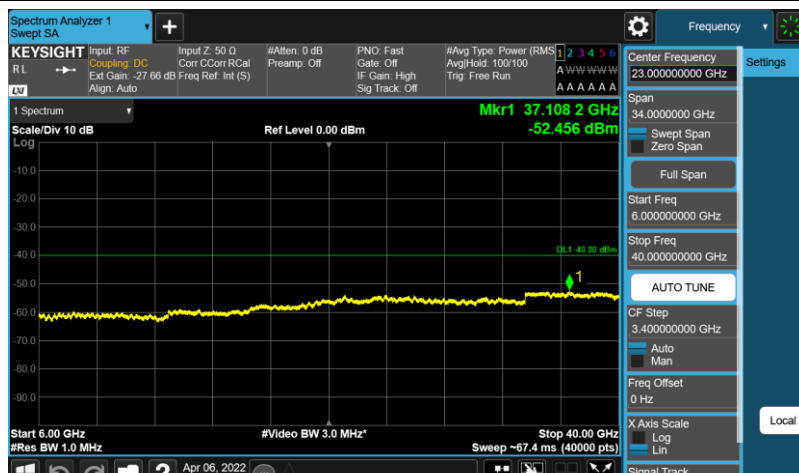
Band48-20MHz-QPSK-55340-E-TM1.1-30-3530



Band48-20MHz-QPSK-55340-E-TM1.1-3720-6000



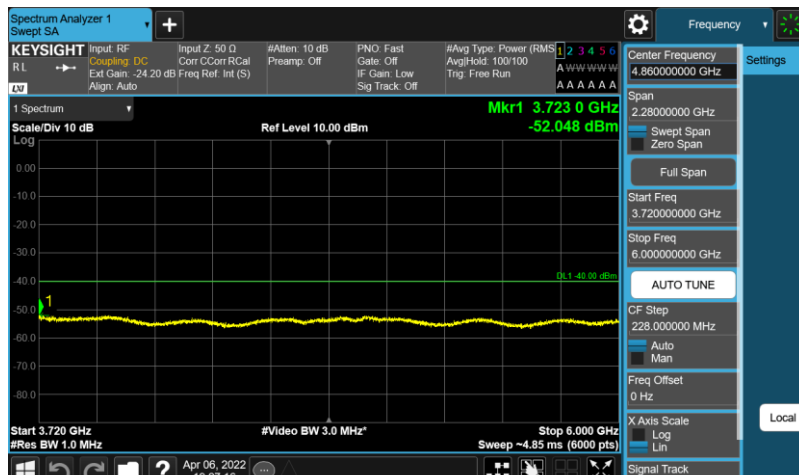
Band48-20MHz-QPSK-55340-E-TM1.1-6000-40000



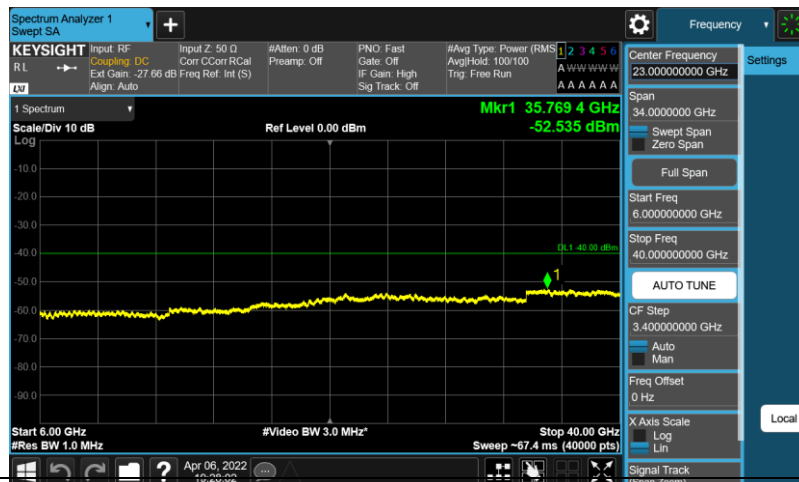
Band48-20MHz-QPSK-55990-E-TM1.1-30-3530



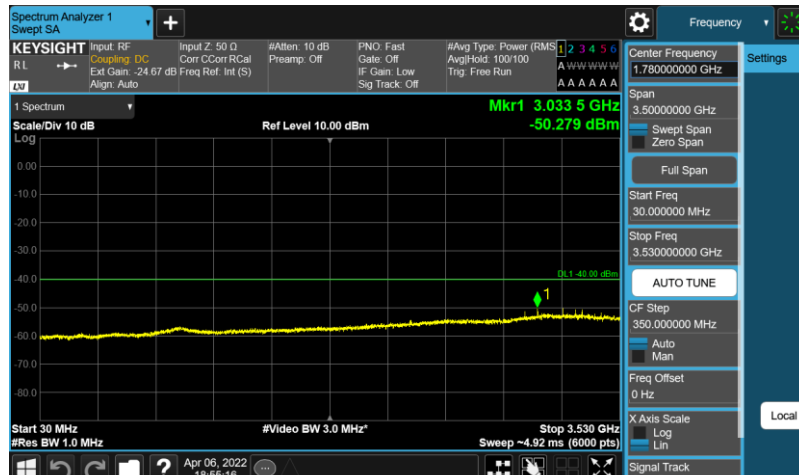
Band48-20MHz-QPSK-55990-E-TM1.1-3720-6000



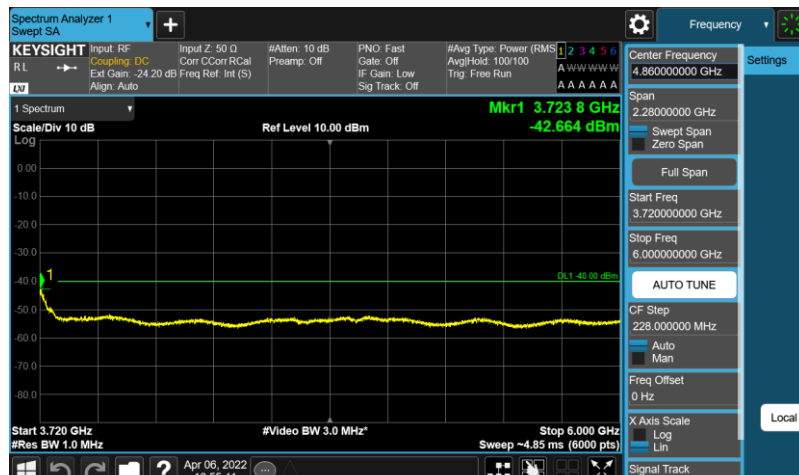
Band48-20MHz-QPSK-55990-E-TM1.1-6000-40000



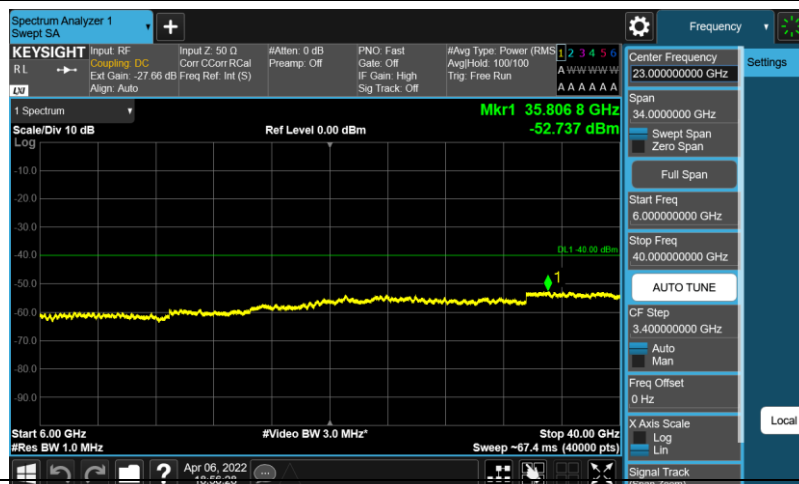
Band48-20MHz-QPSK-56640-E-TM1.1-30-3530



Band48-20MHz-QPSK-56640-E-TM1.1-3720-6000



Band48-20MHz-QPSK-56640-E-TM1.1-6000-40000



Antenna 3:

Appendix A: Conducted Output Power

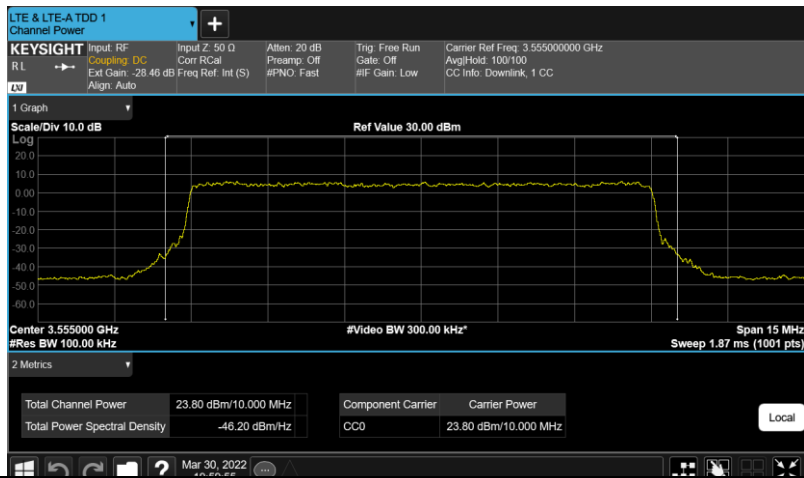
Test Result

Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/10MHz)
Band48	10MHz	64QAM	55290	E-TM3.1	23.80
Band48	10MHz	64QAM	55990	E-TM3.1	22.94
Band48	10MHz	64QAM	56690	E-TM3.1	22.88
Band48	10MHz	QPSK	55290	E-TM1.1	23.66
Band48	10MHz	QPSK	55990	E-TM1.1	22.92
Band48	10MHz	QPSK	56690	E-TM1.1	22.91
Band48	20MHz	64QAM	55340	E-TM3.1	20.81
Band48	20MHz	64QAM	55990	E-TM3.1	20.49
Band48	20MHz	64QAM	56640	E-TM3.1	20.37
Band48	20MHz	QPSK	55340	E-TM1.1	20.74
Band48	20MHz	QPSK	55990	E-TM1.1	20.53
Band48	20MHz	QPSK	56640	E-TM1.1	20.31

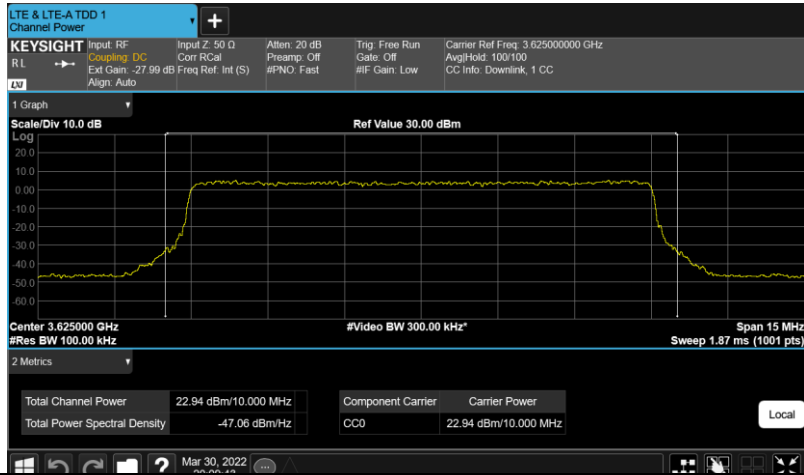
Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/20MHz)
Band48	20MHz	64QAM	55340	E-TM3.1	23.54
Band48	20MHz	64QAM	55990	E-TM3.1	23.25
Band48	20MHz	64QAM	56640	E-TM3.1	22.91
Band48	20MHz	QPSK	55340	E-TM1.1	23.50
Band48	20MHz	QPSK	55990	E-TM1.1	23.37
Band48	20MHz	QPSK	56640	E-TM1.1	22.97

Test Graphs

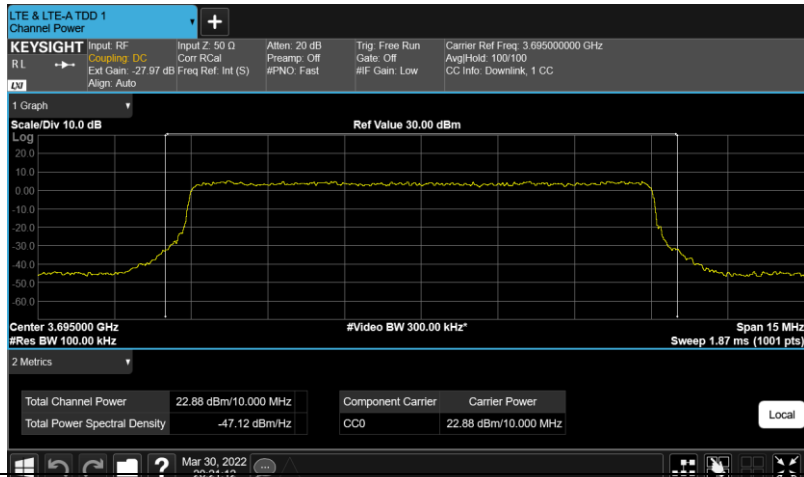
Band48-10MHz-64QAM-E-TM3.1-10



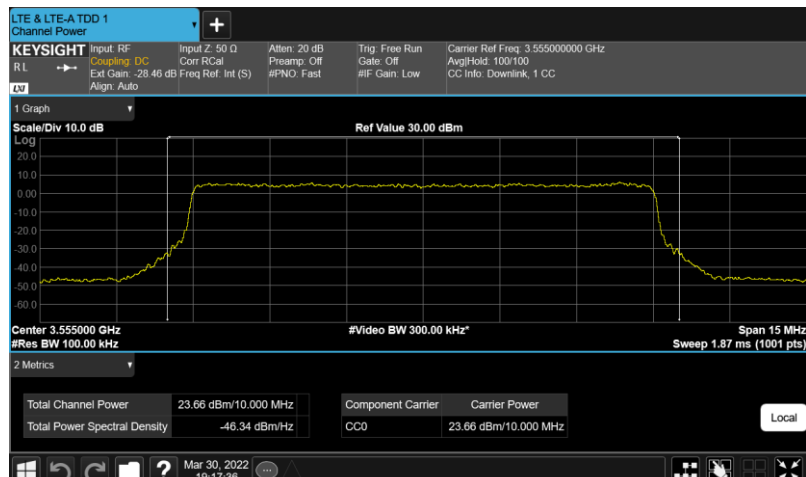
Band48-10MHz-64QAM-55990-E-TM3.1-10



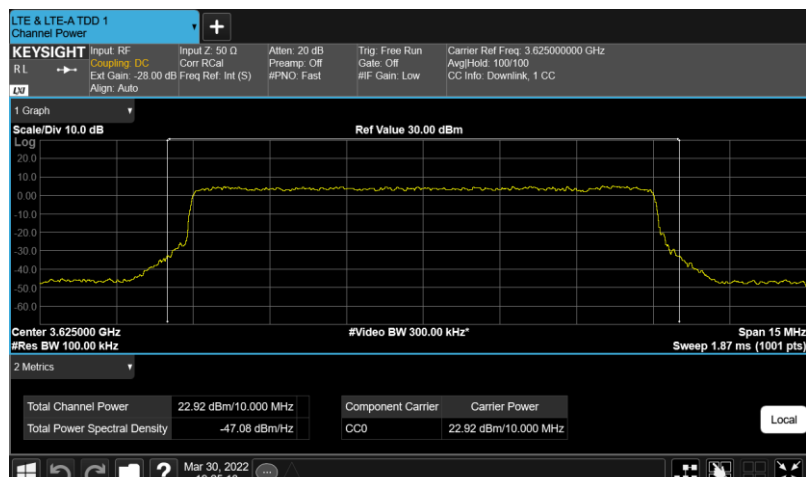
Band48-10MHz-64QAM-56690-E-TM3.1-10



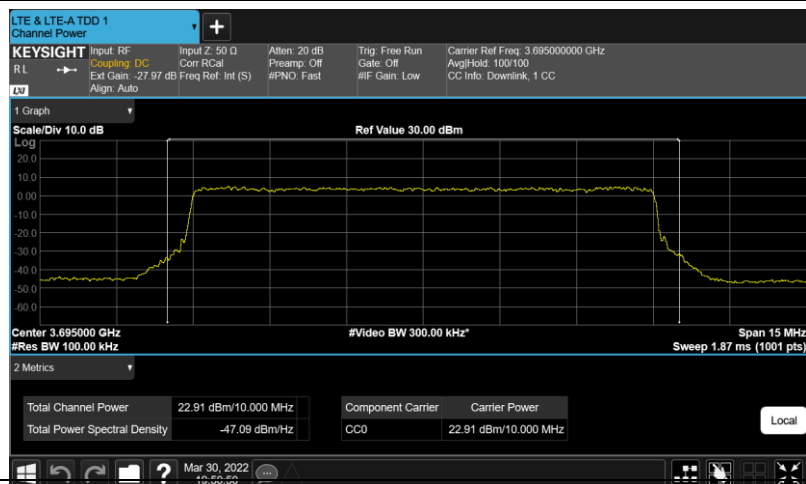
Band48-10MHz-QPSK-55290-E-TM1.1-10



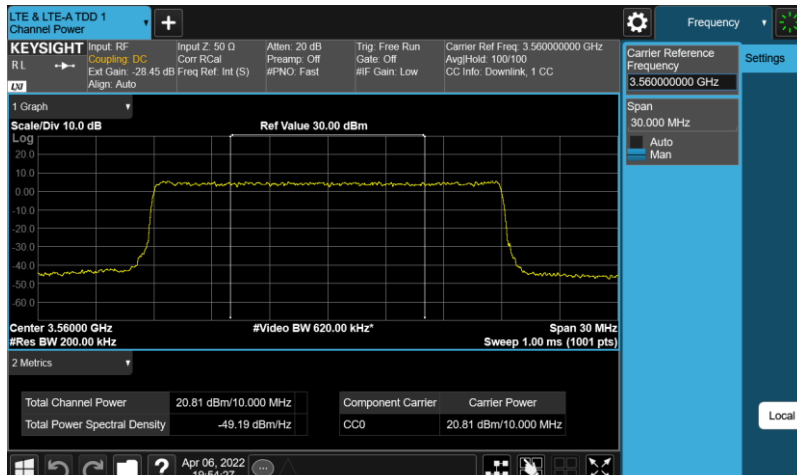
Band48-10MHz-QPSK-55990-E-TM1.1-10



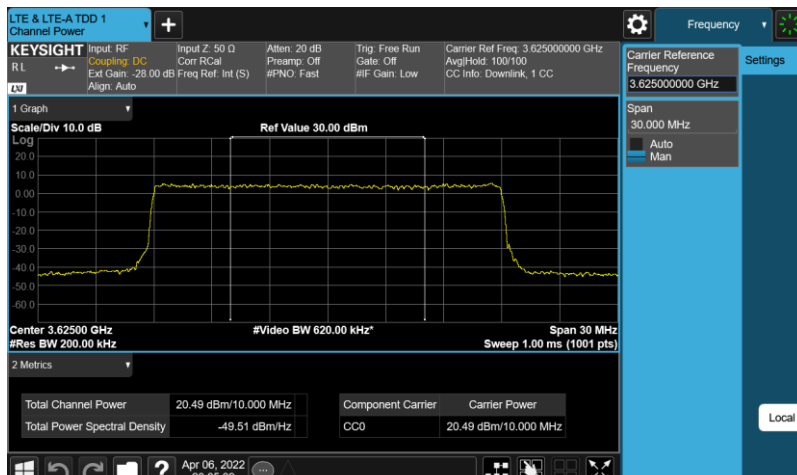
Band48-10MHz-QPSK-56690-E-TM1.1-10



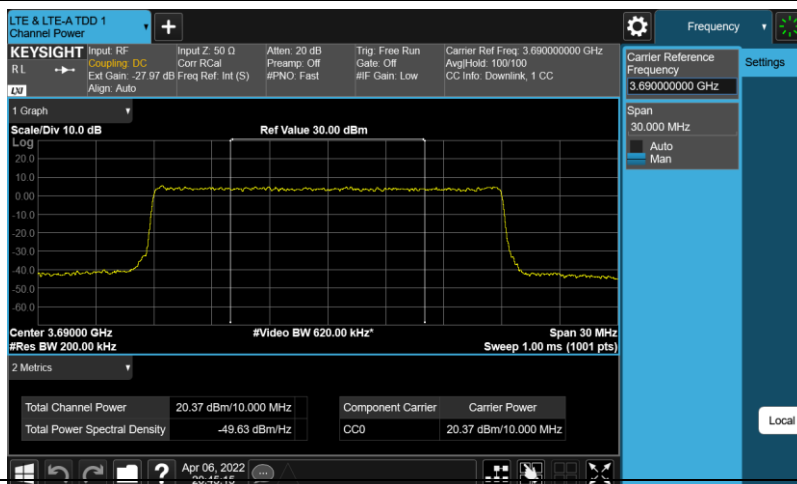
Band48-20MHz-64QAM-55340-E-TM3.1-10



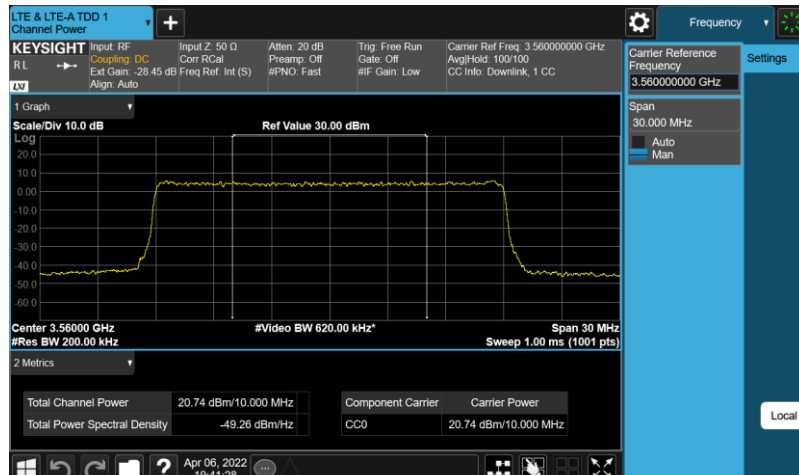
Band48-20MHz-64QAM-55990-E-TM3.1-10



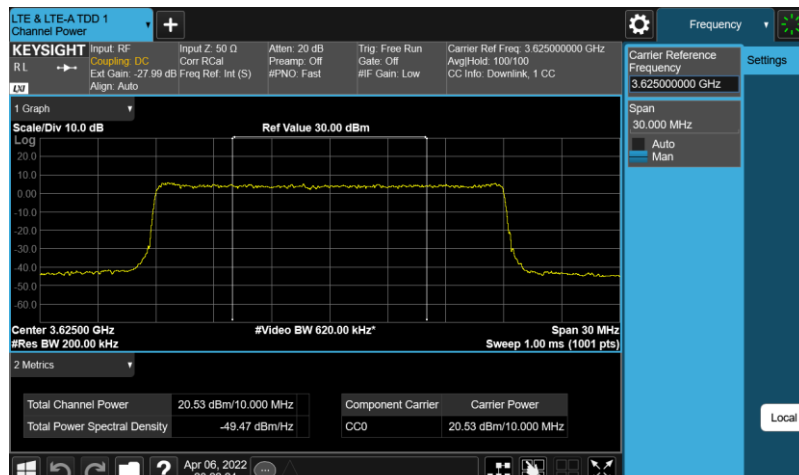
Band48-20MHz-64QAM-56640-E-TM3.1-10



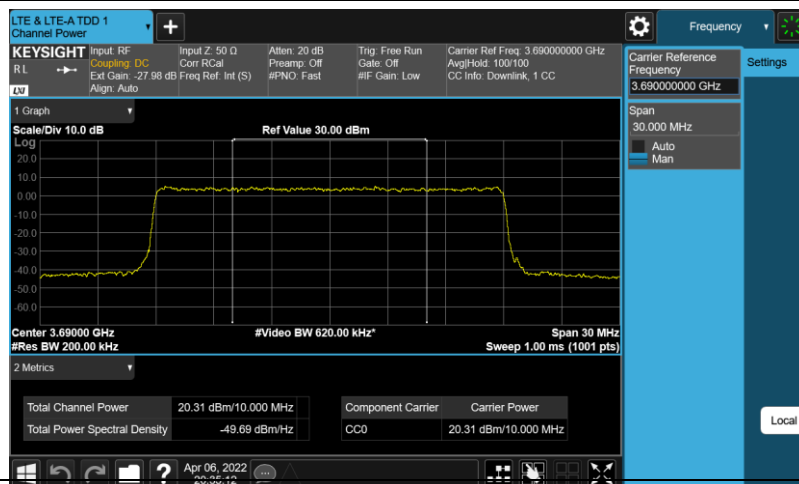
Band48-20MHz-QPSK-55340-E-TM1.1-10



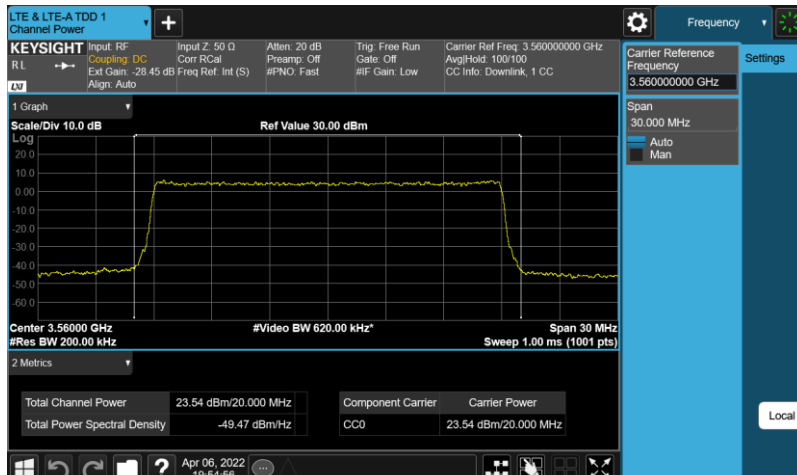
Band48-20MHz-QPSK-55990-E-TM1.1-10



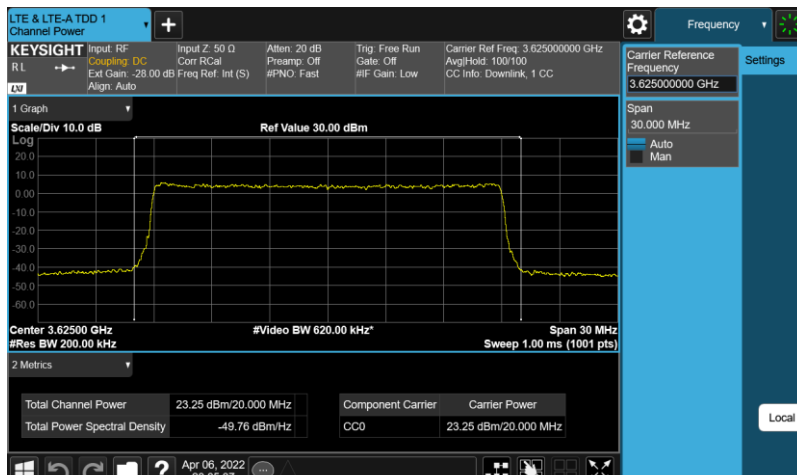
Band48-20MHz-QPSK-56640-E-TM1.1-10



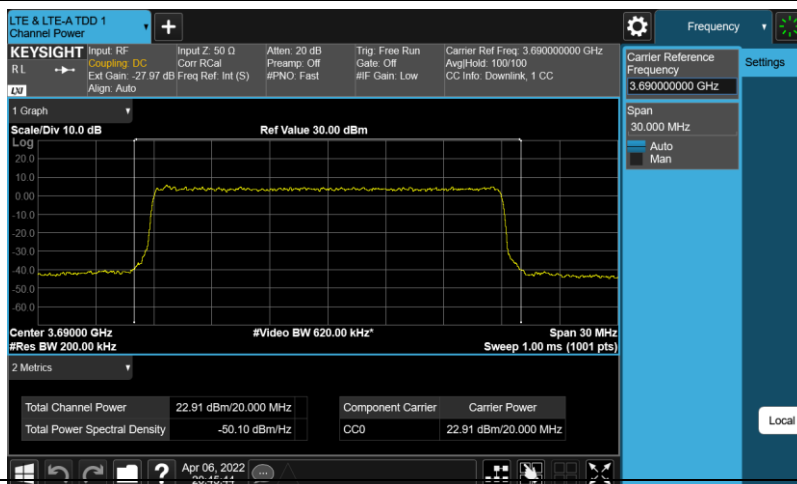
Band48-20MHz-64QAM-55340-E-TM3.1-20



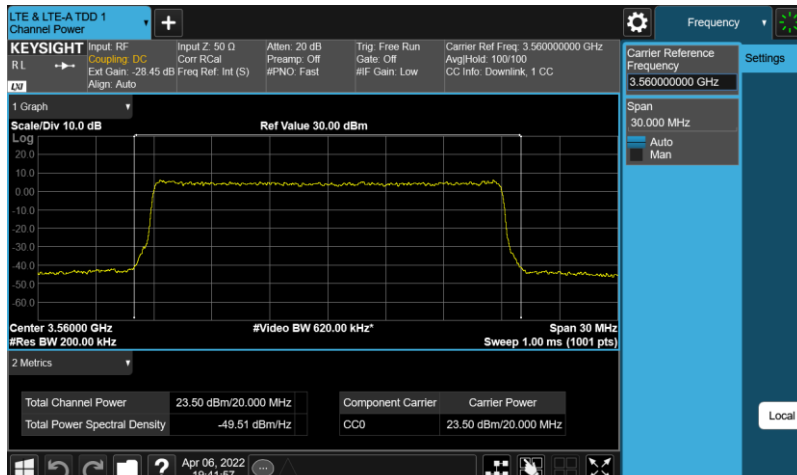
Band48-20MHz-64QAM-55990-E-TM3.1-20



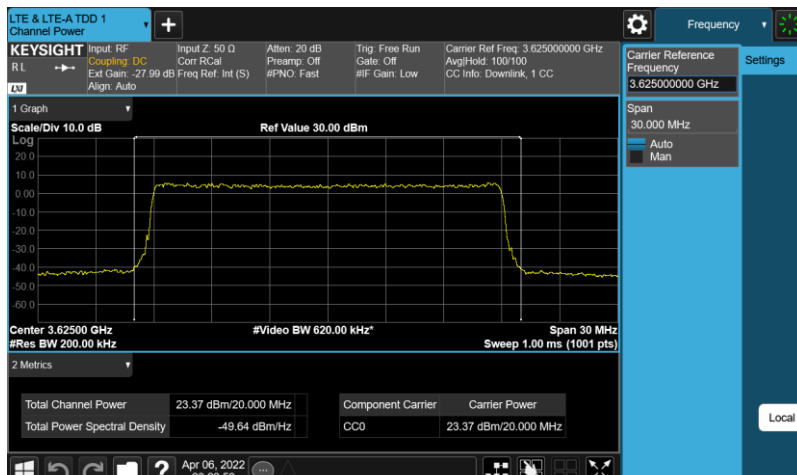
Band48-20MHz-64QAM-56640-E-TM3.1-20



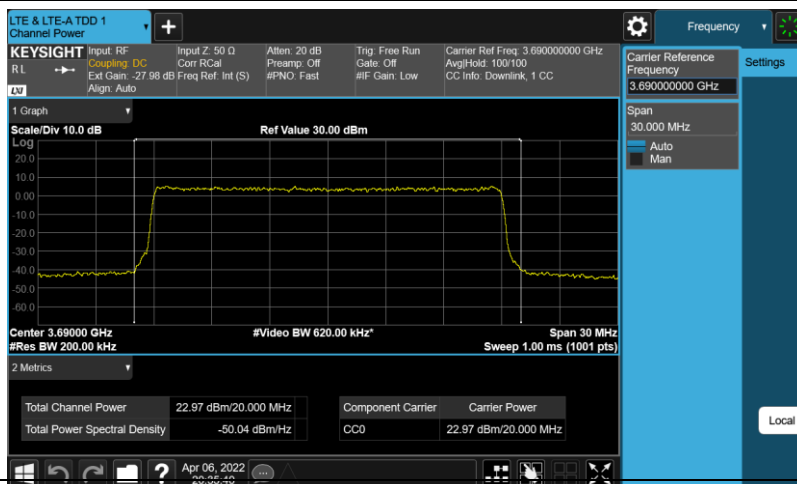
Band48-20MHz-QPSK-55340-E-TM1.1-20



Band48-20MHz-QPSK-55990-E-TM1.1-20



Band48-20MHz-QPSK-56640-E-TM1.1-20

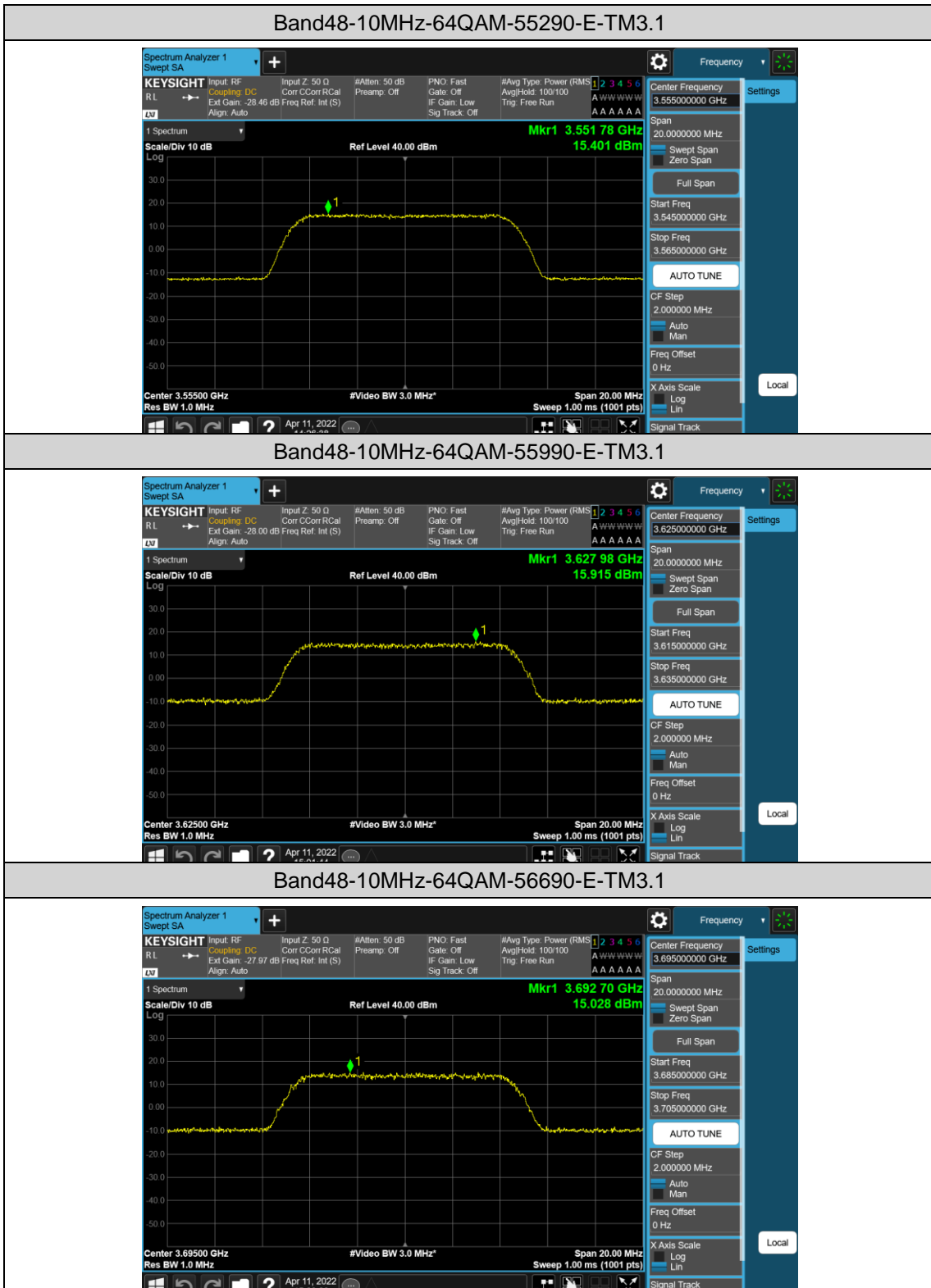


Appendix B: Power Spectral Density

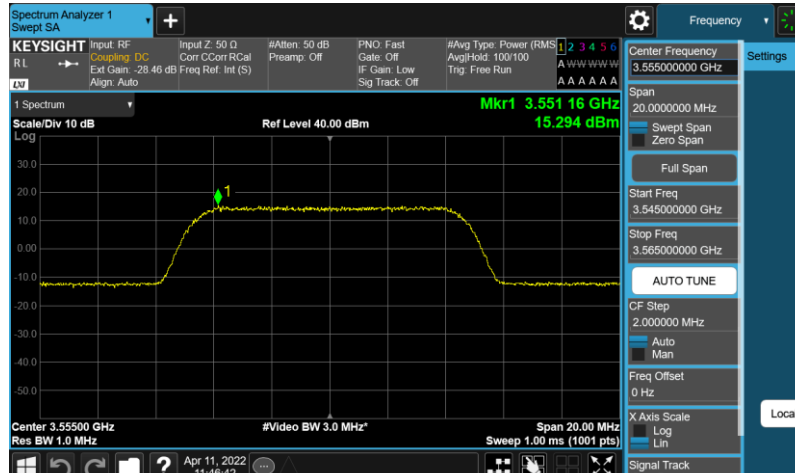
Test Result

Band	Bandwidth	Modulation	Channel	Mode	PSD (dBm/MHz)
Band48	10MHz	64QAM	55290	E-TM3.1	15.401
Band48	10MHz	64QAM	55990	E-TM3.1	15.915
Band48	10MHz	64QAM	56690	E-TM3.1	15.028
Band48	10MHz	QPSK	55290	E-TM1.1	15.294
Band48	10MHz	QPSK	55990	E-TM1.1	15.121
Band48	10MHz	QPSK	56690	E-TM1.1	16.209
Band48	20MHz	64QAM	55340	E-TM3.1	13.077
Band48	20MHz	64QAM	55990	E-TM3.1	12.665
Band48	20MHz	64QAM	56640	E-TM3.1	13.244
Band48	20MHz	QPSK	55340	E-TM1.1	12.417
Band48	20MHz	QPSK	55990	E-TM1.1	12.671
Band48	20MHz	QPSK	56640	E-TM1.1	13.346

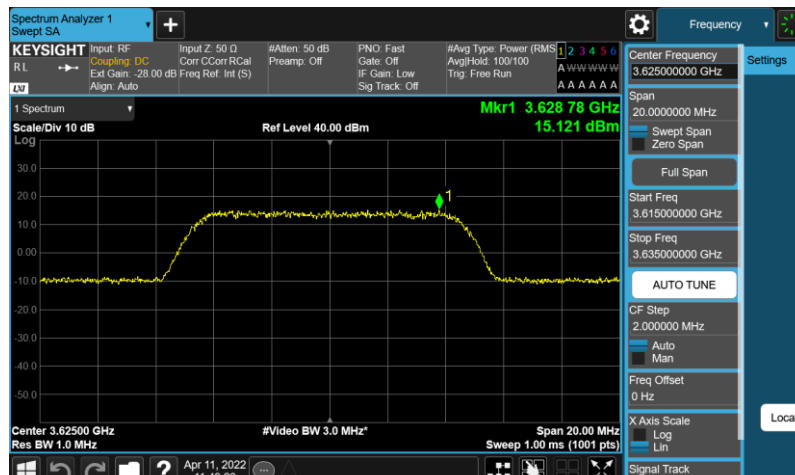
Test Graphs



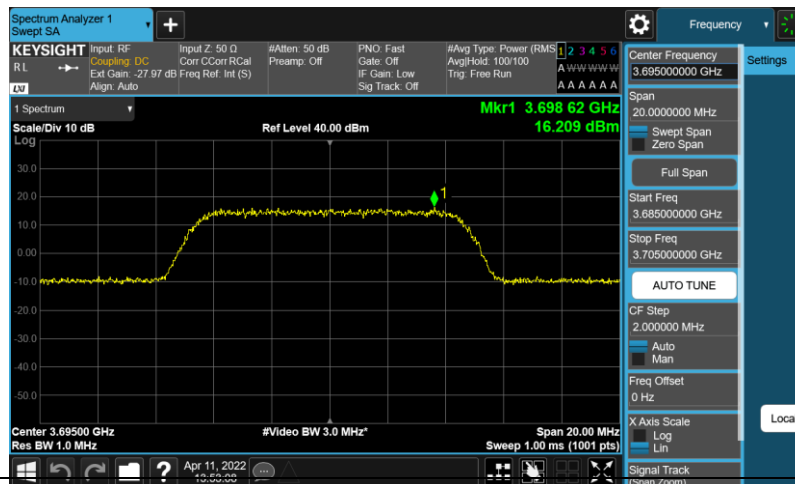
Band48-10MHz-QPSK-55290-E-TM1.1



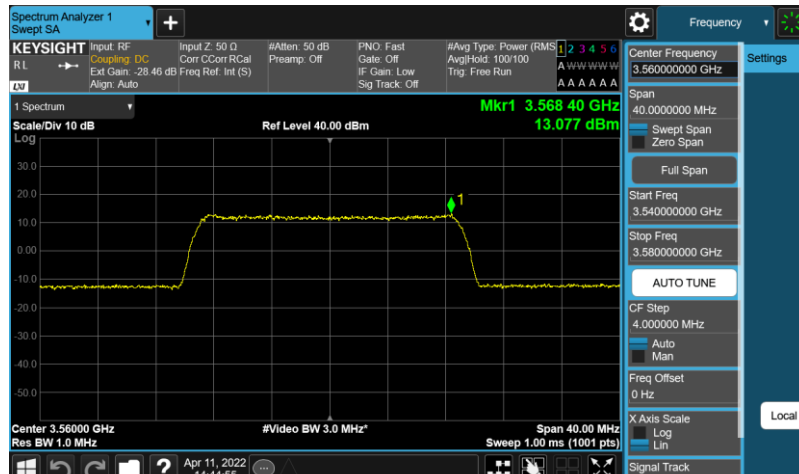
Band48-10MHz-QPSK-55990-E-TM1.1



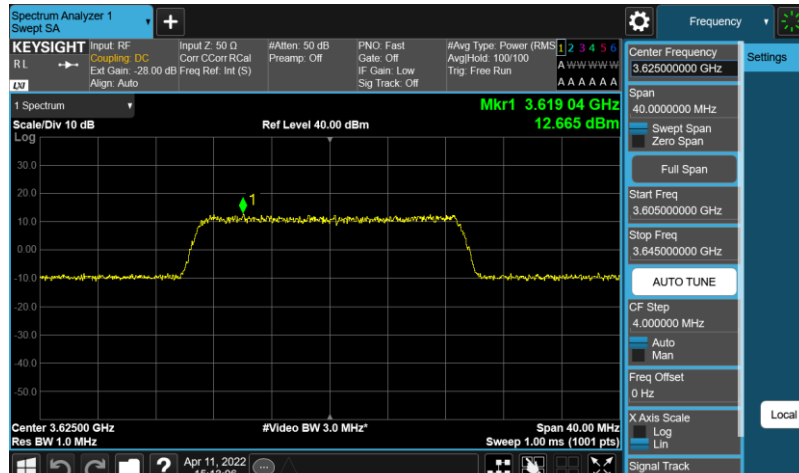
Band48-10MHz-QPSK-56690-E-TM1.1



Band48-20MHz-64QAM-55340-E-TM3.1



Band48-20MHz-64QAM-55990-E-TM3.1



Band48-20MHz-64QAM-56640-E-TM3.1

