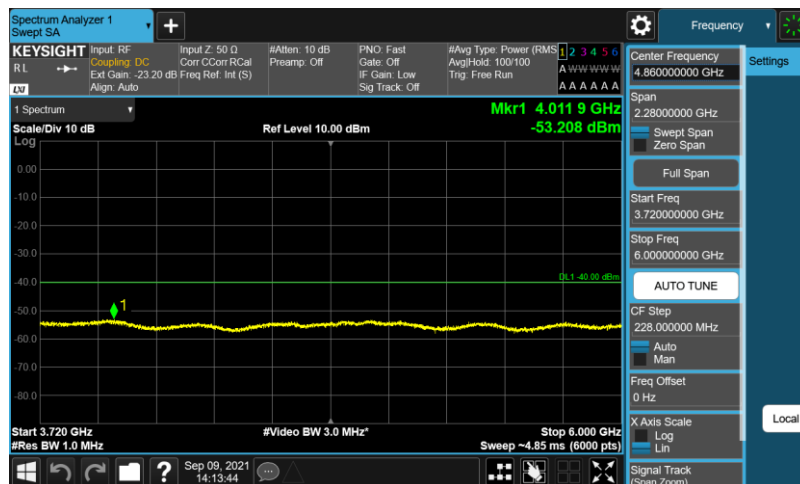


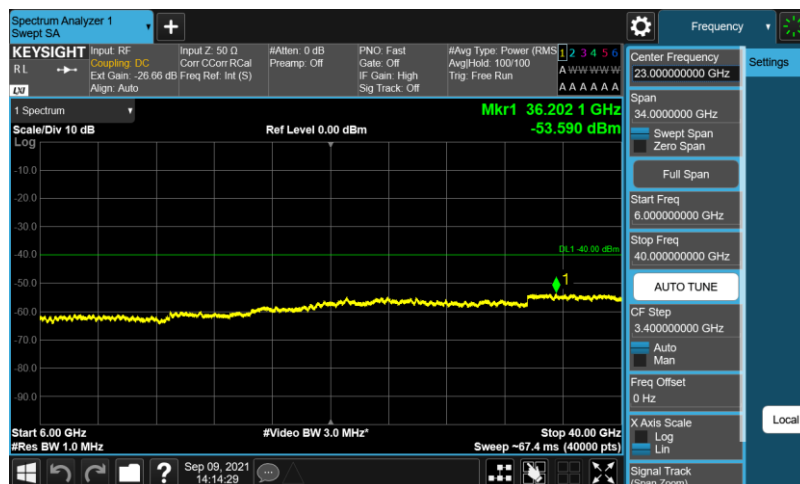
Band48-10MHz-QPSK-55290-E-TM1.1-30-3530



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



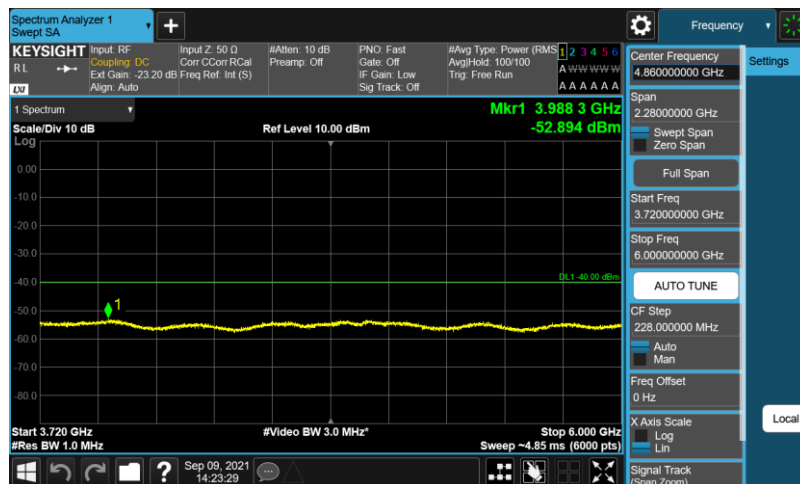
Band48-10MHz-QPSK-55290-E-TM1.1-6000-40000



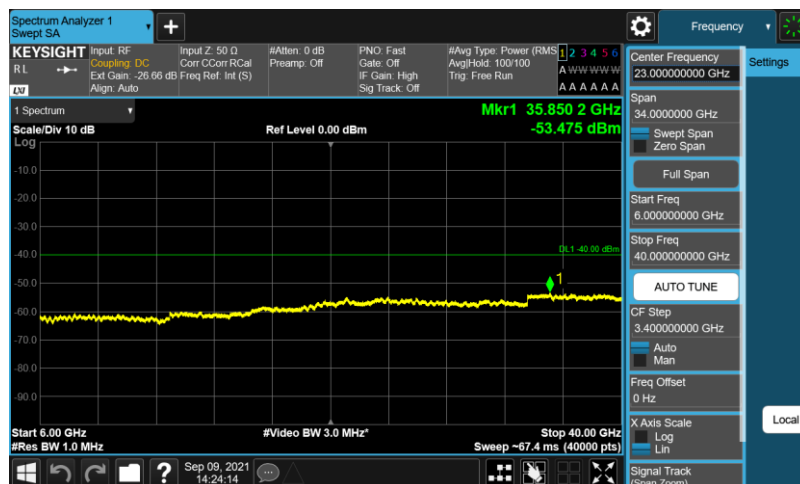
Band48-10MHz-QPSK-55990-E-TM1.1-30-3530



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



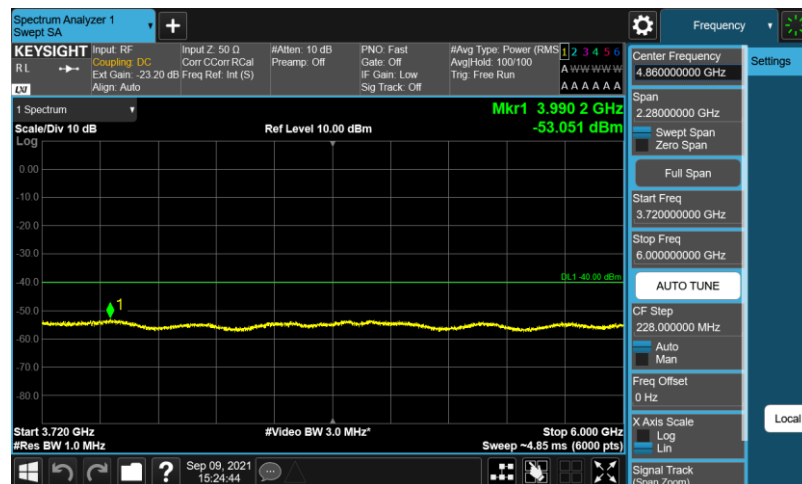
Band48-10MHz-QPSK-55990-E-TM1.1-6000-40000



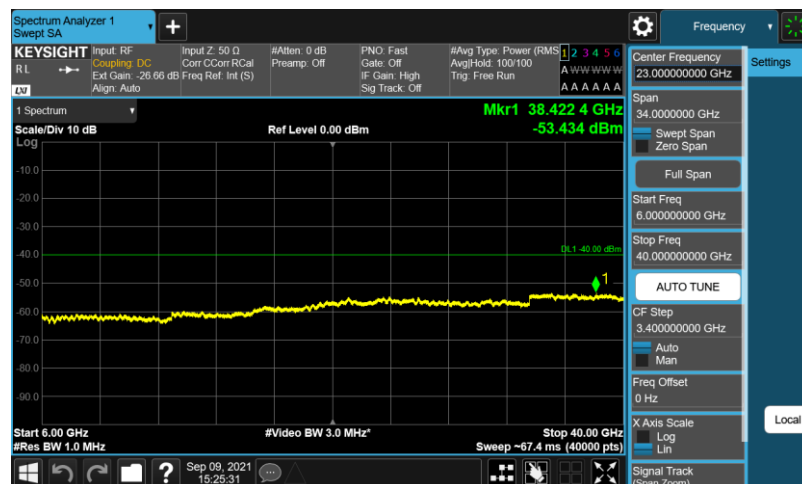
Band48-10MHz-QPSK-56690-E-TM1.1-30-3530



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



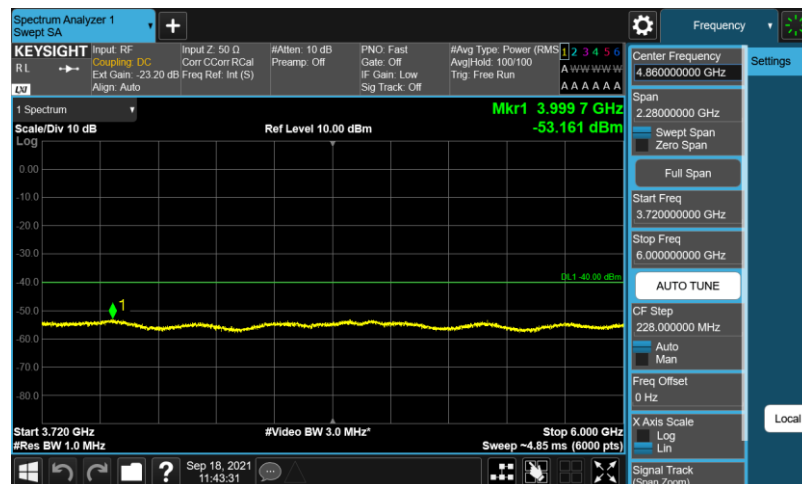
Band48-10MHz-QPSK-56690-E-TM1.1-6000-40000



Band48-20MHz-256QAM-55340-E-TM3.1A-30-3530



Band48-20MHz-256QAM-55340-E-TM3.1A-3720-6000



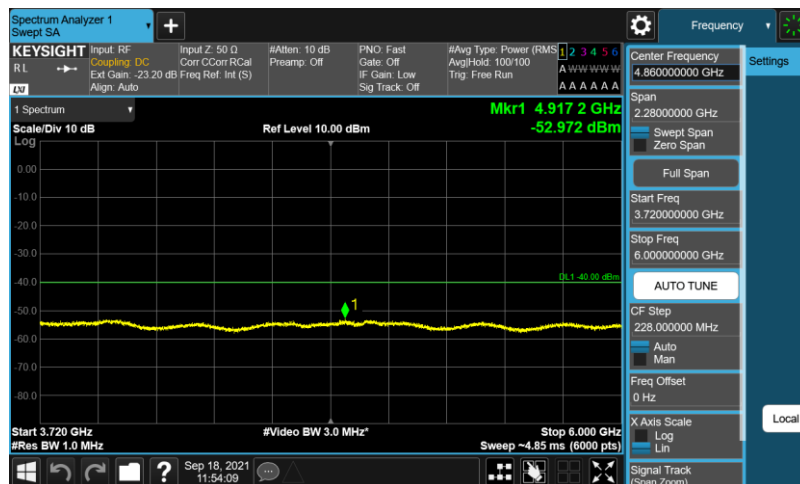
Band48-20MHz-256QAM-55340-E-TM3.1A-6000-40000



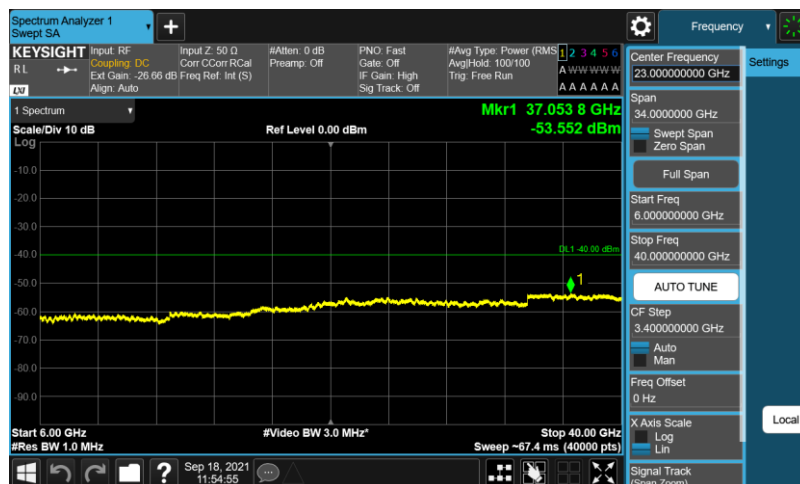
Band48-20MHz-256QAM-55990-E-TM3.1A-30-3530



Band48-20MHz-256QAM-55990-E-TM3.1A-3720-6000



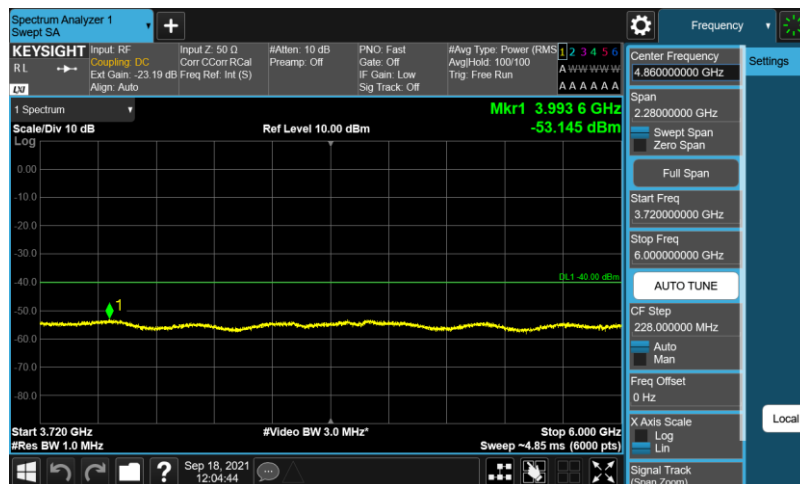
Band48-20MHz-256QAM-55990-TM3.1A-6000-40000



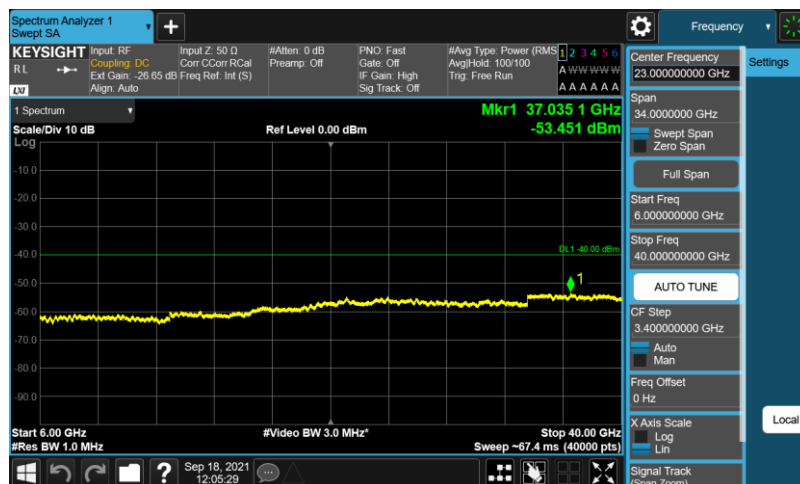
Band48-20MHz-256QAM-56640-E-TM3.1A-30-3530



Band48-20MHz-256QAM-56640-E-TM3.1A-3720-6000



Band48-20MHz-256QAM-56640-E-TM3.1A-6000-40000



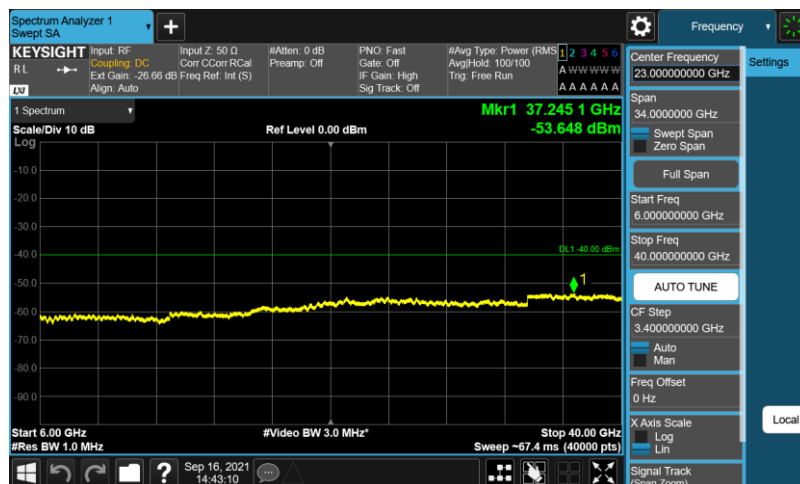
Band48-20MHz-QPSK-55340-E-TM1.1-30-3530



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



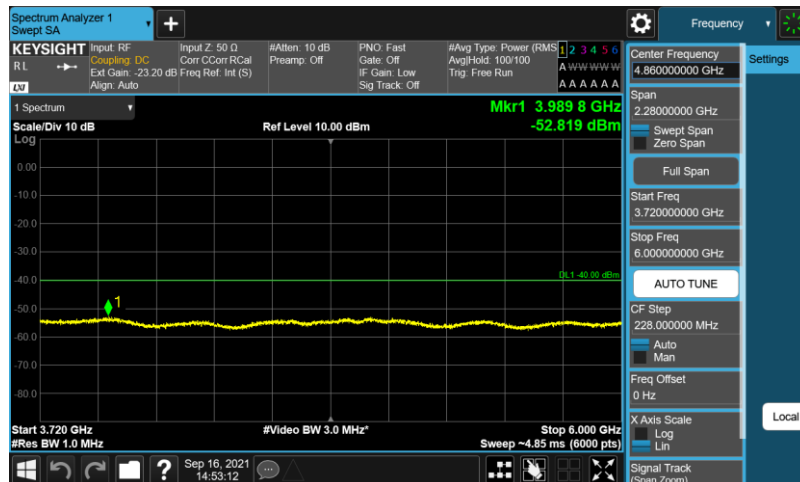
Band48-20MHz-QPSK-55340-E-TM1.1-6000-40000



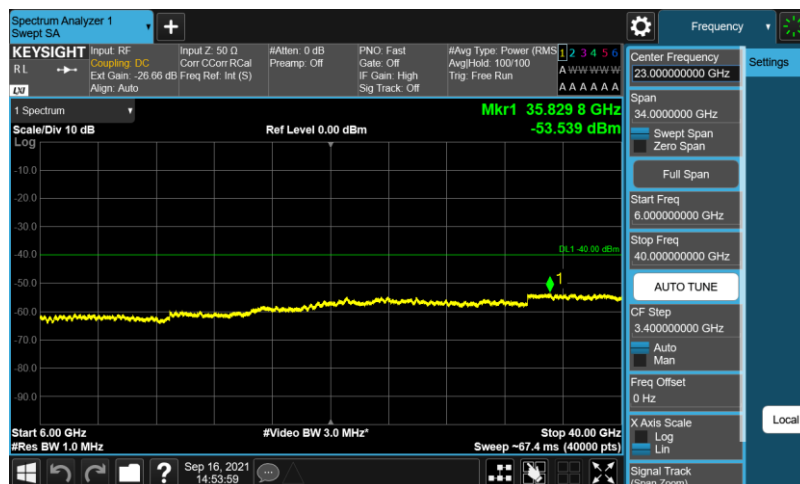
Band48-20MHz-QPSK-55990-E-TM1.1-30-3530



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



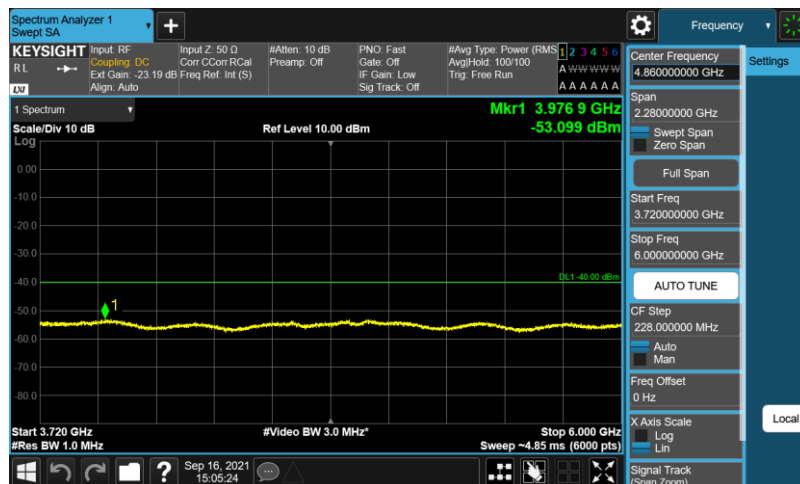
Band48-20MHz-QPSK-55990-E-TM1.1-6000-40000



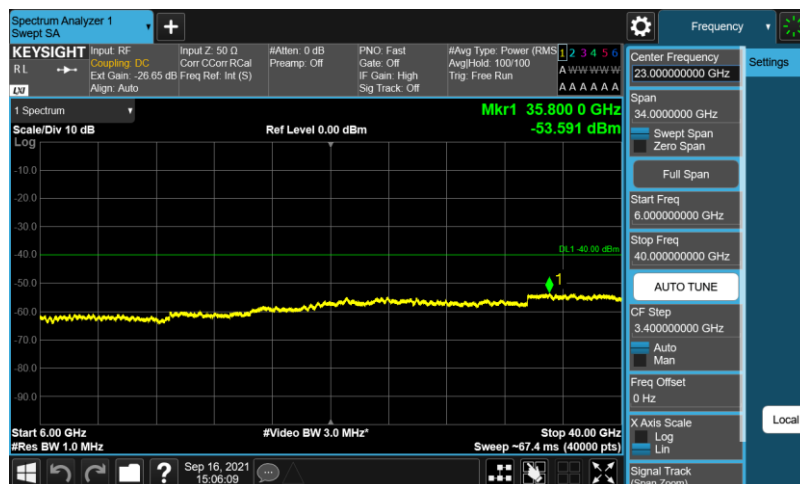
Band48-20MHz-QPSK-56640-E-TM1.1-30-3530



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



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



Antenna 6:

Appendix A: Effective (Isotropic) Radiated Power Output Data

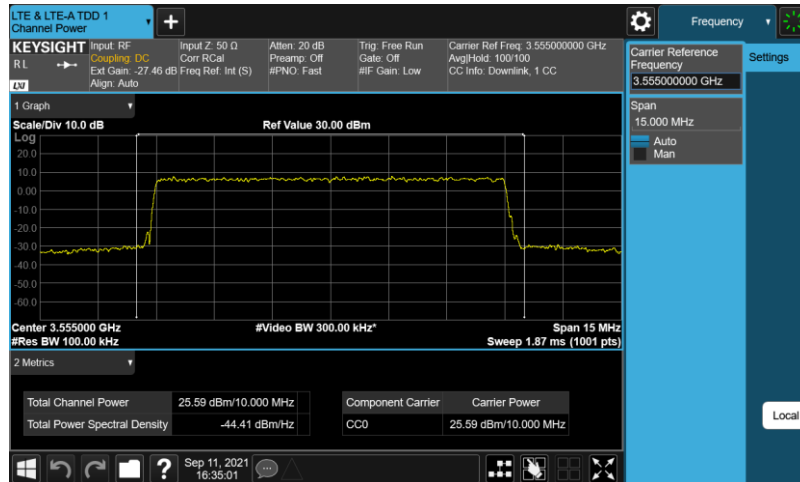
Test Result

Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/10MHz)
Band48	10MHz	256QAM	55290	E-TM3.1A	25.59
Band48	10MHz	256QAM	55990	E-TM3.1A	25.09
Band48	10MHz	256QAM	56690	E-TM3.1A	24.88
Band48	10MHz	QPSK	55290	E-TM1.1	25.94
Band48	10MHz	QPSK	55990	E-TM1.1	25.15
Band48	10MHz	QPSK	56690	E-TM1.1	24.80
Band48	20MHz	256QAM	55340	E-TM3.1A	23.36
Band48	20MHz	256QAM	55990	E-TM3.1A	22.98
Band48	20MHz	256QAM	56640	E-TM3.1A	23.16
Band48	20MHz	QPSK	55340	E-TM1.1	23.22
Band48	20MHz	QPSK	55990	E-TM1.1	23.09
Band48	20MHz	QPSK	56640	E-TM1.1	23.21

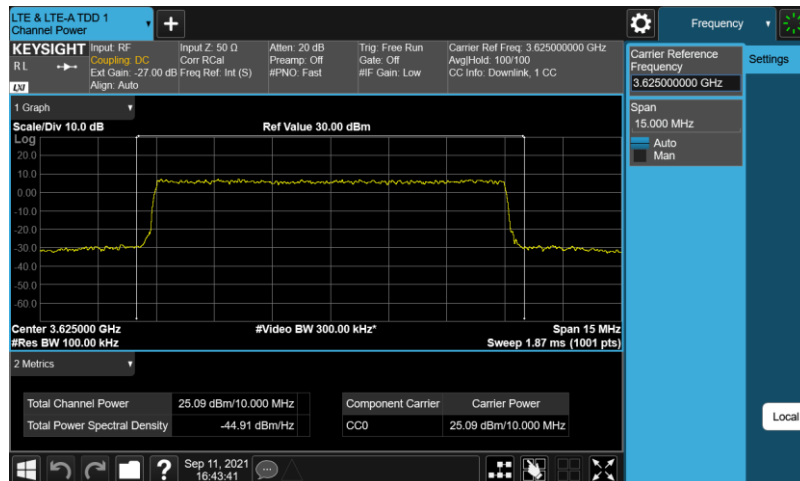
Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/20MHz)
Band48	20MHz	256QAM	55340	E-TM3.1A	25.81
Band48	20MHz	256QAM	55990	E-TM3.1A	25.52
Band48	20MHz	256QAM	56640	E-TM3.1A	25.81
Band48	20MHz	QPSK	55340	E-TM1.1	25.71
Band48	20MHz	QPSK	55990	E-TM1.1	25.76
Band48	20MHz	QPSK	56640	E-TM1.1	25.79

Test Graphs

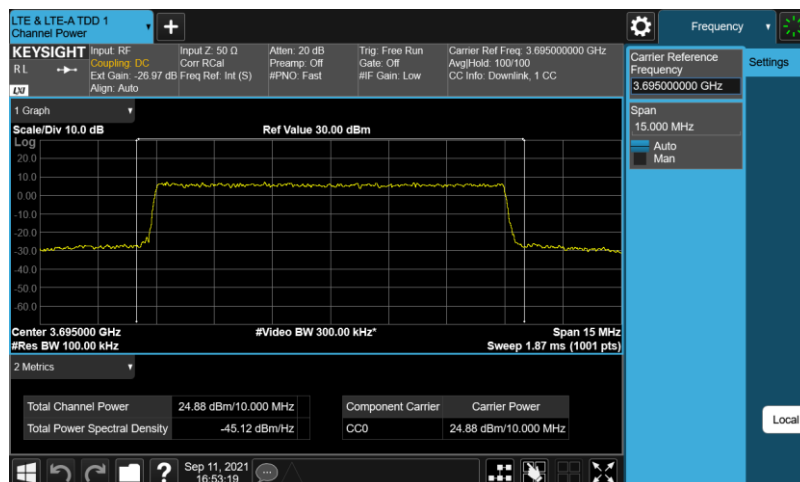
Band48-10MHz-256QAM-55290-E-TM3.1A-10



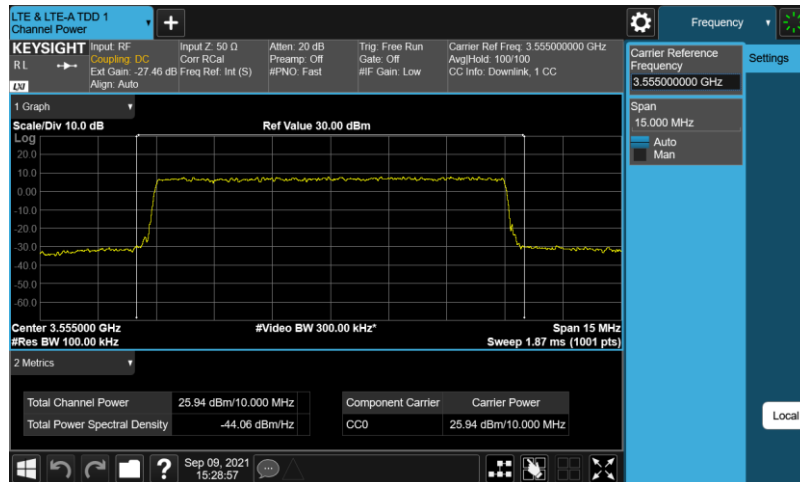
Band48-10MHz-256QAM-55990-E-TM3.1A-10



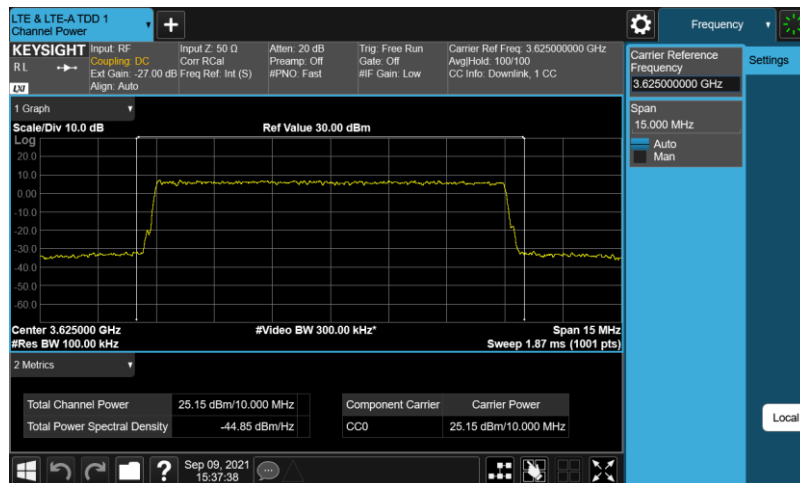
Band48-10MHz-256QAM-56690-E-TM3.1A-10



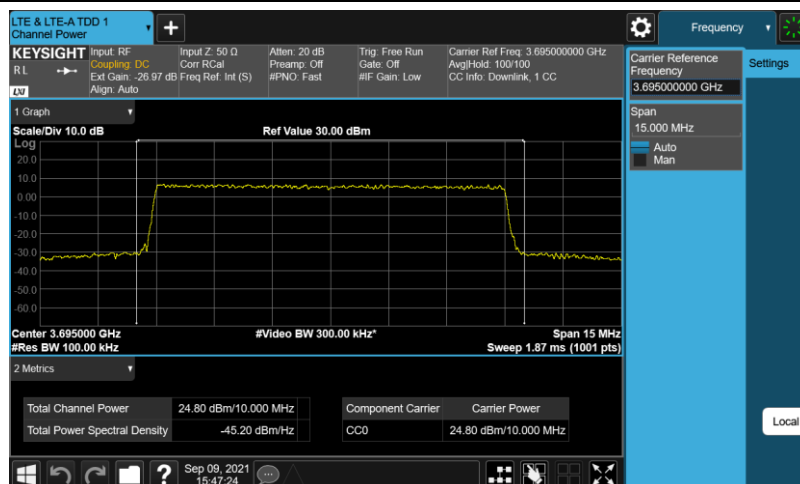
Band48-10MHz-QPSK-55290-E-TM1.1-10



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



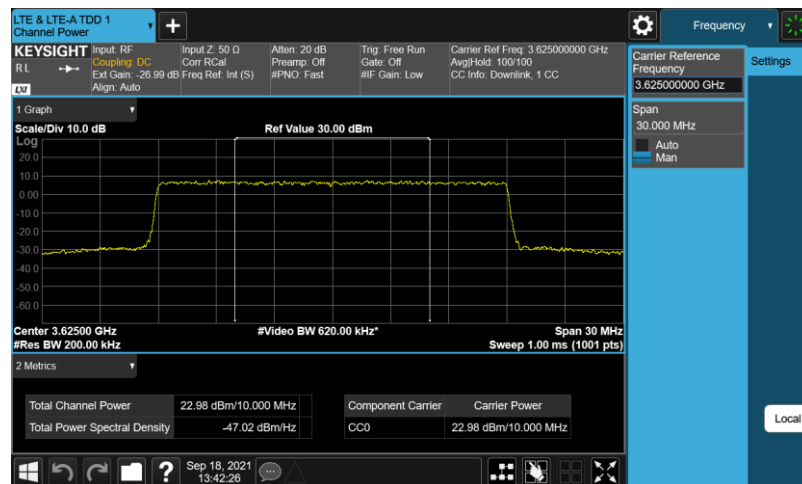
Band48-10MHz-QPSK-56690-E-TM1.1-10



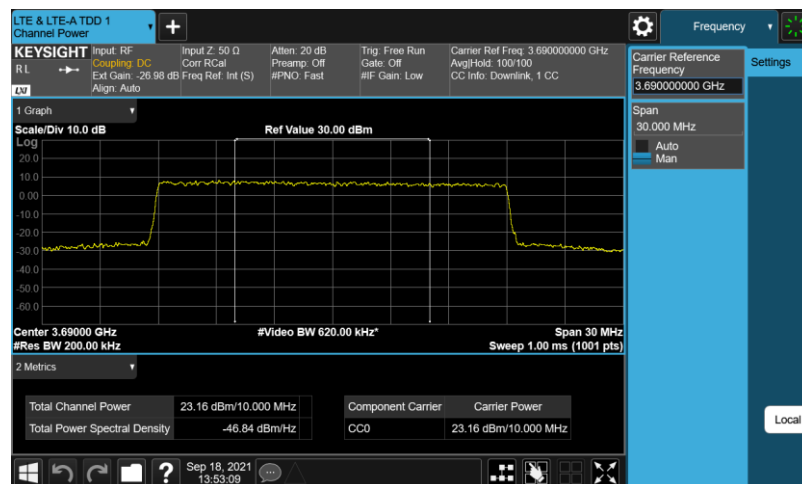
Band48-20MHz-256QAM-55340-E-TM3.1A-10



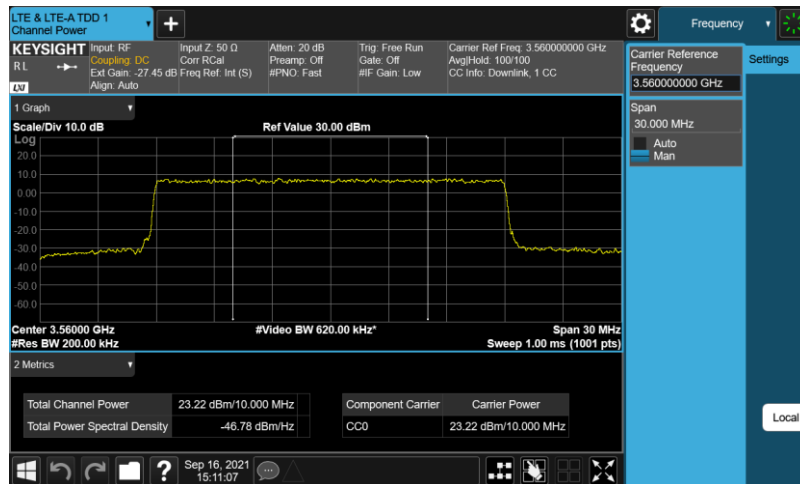
Band48-20MHz-256QAM-55990-E-TM3.1A-10



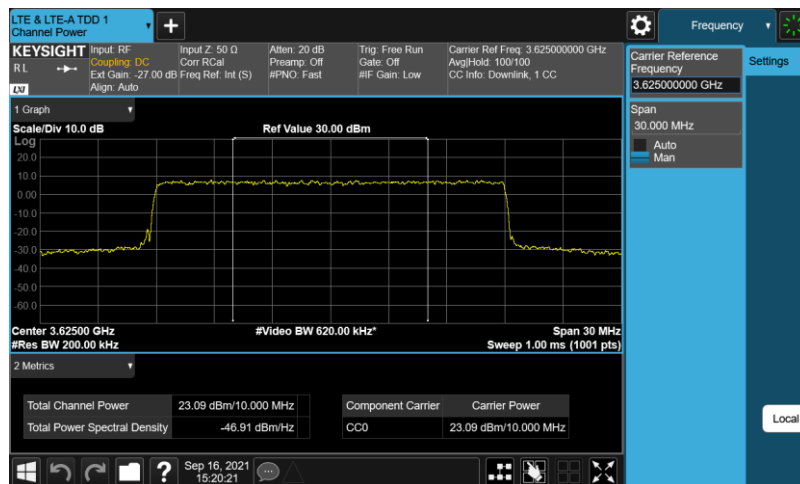
Band48-20MHz-256QAM-56640-E-TM3.1A-10



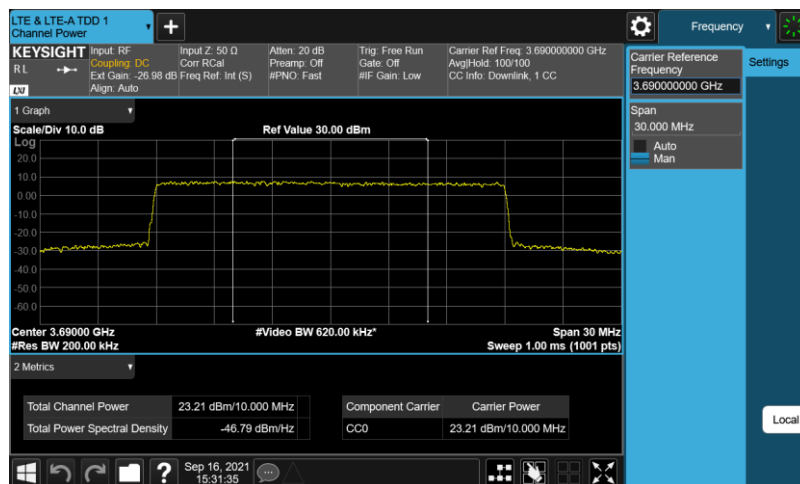
Band48-20MHz-QPSK-55340-E-TM1.1-10



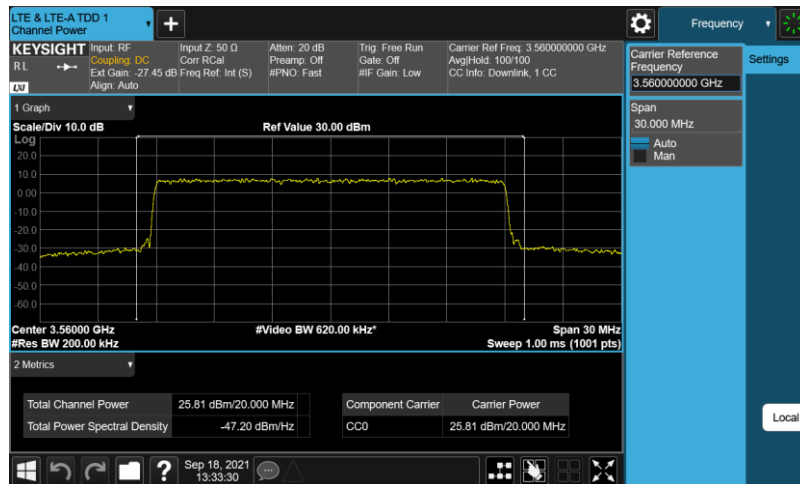
Band48-20MHz-QPSK-55990-E-TM1.1-10



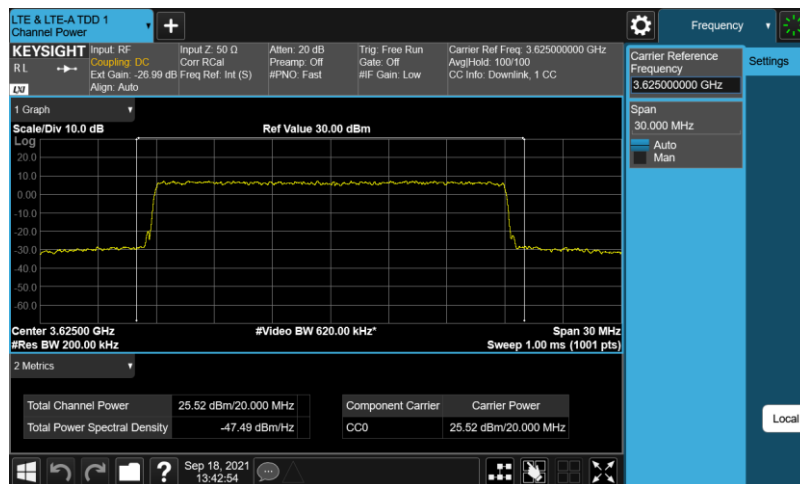
Band48-20MHz-QPSK-56640-E-TM1.1-10



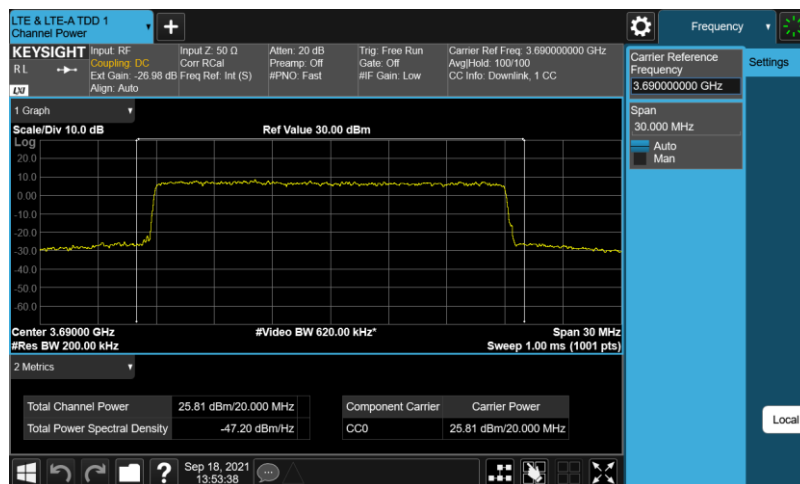
Band48-20MHz-256QAM-55340-E-TM3.1A-20



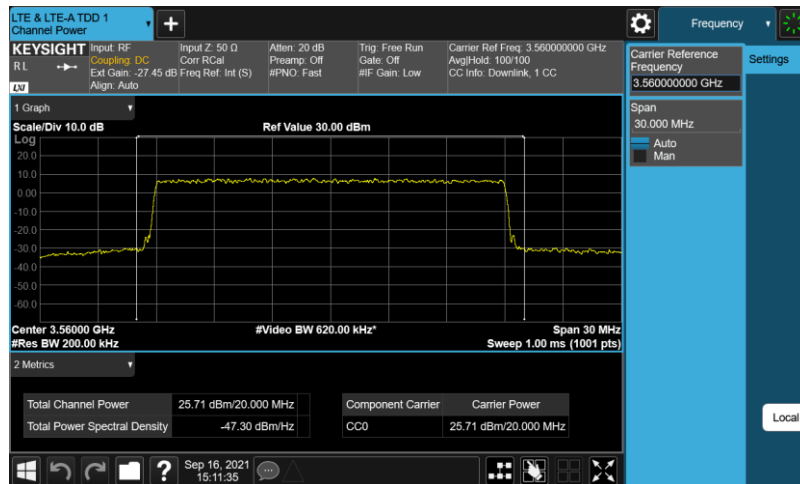
Band48-20MHz-256QAM-55990-E-TM3.1A-20



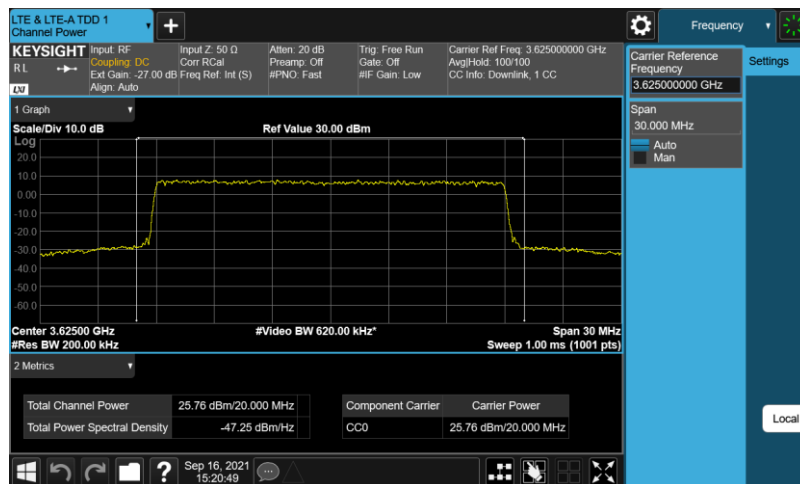
Band48-20MHz-256QAM-56640-E-TM3.1A-20



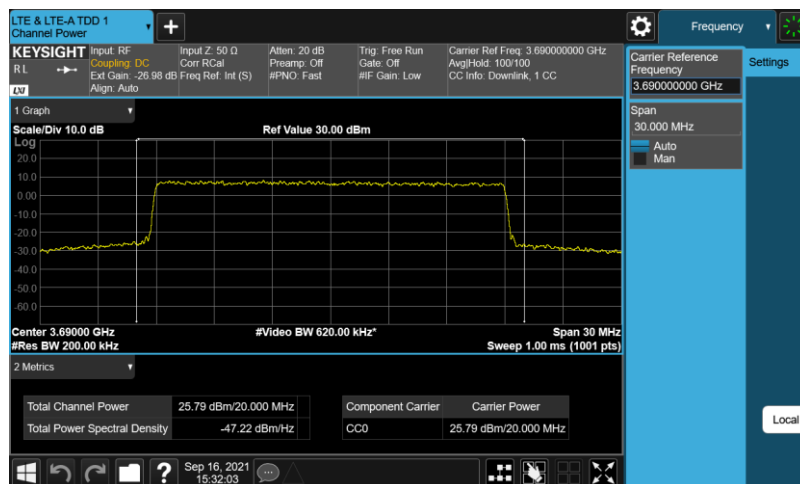
Band48-20MHz-QPSK-55340-E-TM1.1-20



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



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



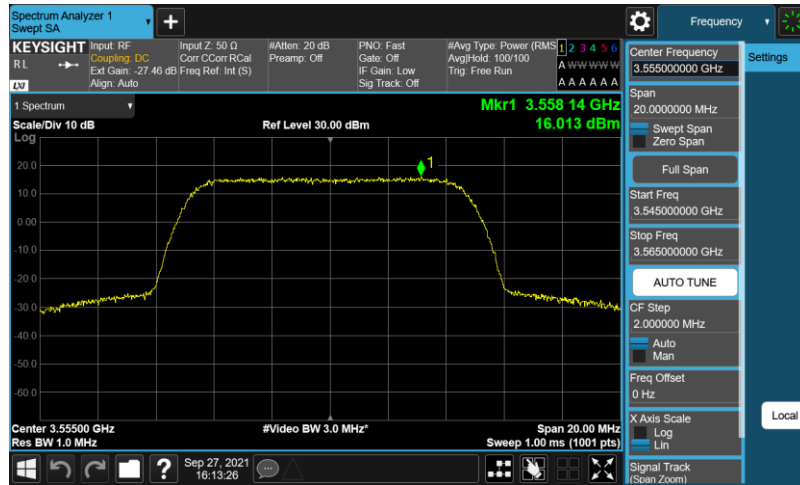
Appendix B: Power Spectral Density

Test Result

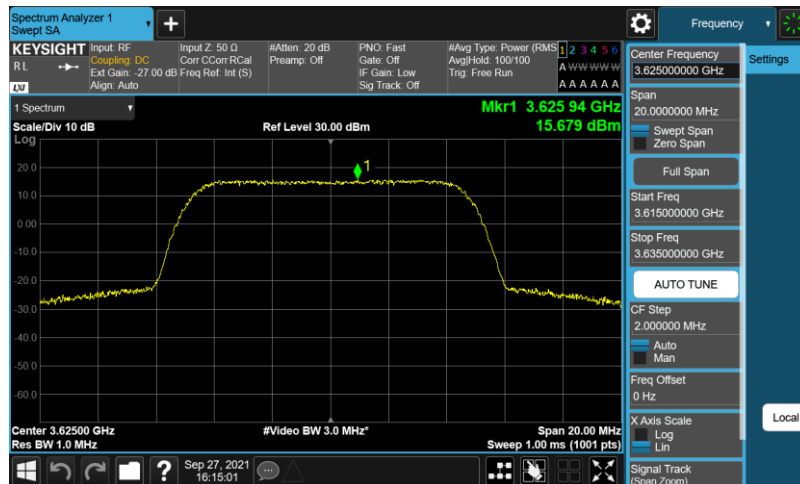
Band	Bandwidth	Modulation	Channel	Mode	PSD (dBm/MHz)
Band48	10MHz	256QAM	55290	E-TM3.1A	16.01
Band48	10MHz	256QAM	55990	E-TM3.1A	15.68
Band48	10MHz	256QAM	56690	E-TM3.1A	15.67
Band48	10MHz	QPSK	55290	E-TM1.1	15.73
Band48	10MHz	QPSK	55990	E-TM1.1	15.23
Band48	10MHz	QPSK	56690	E-TM1.1	15.11
Band48	20MHz	256QAM	55340	E-TM3.1A	12.90
Band48	20MHz	256QAM	55990	E-TM3.1A	12.48
Band48	20MHz	256QAM	56640	E-TM3.1A	13.25
Band48	20MHz	QPSK	55340	E-TM1.1	12.96
Band48	20MHz	QPSK	55990	E-TM1.1	13.29
Band48	20MHz	QPSK	56640	E-TM1.1	12.70

Test Graphs

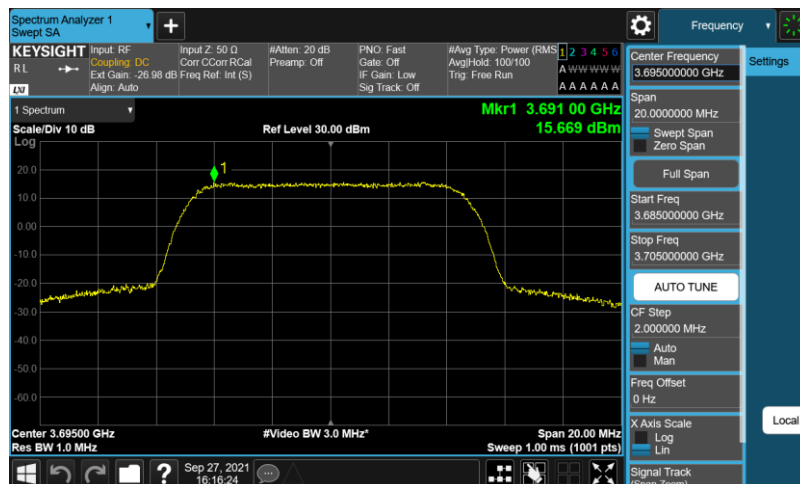
Band48-10MHz-256QAM-55290-E-TM3.1A



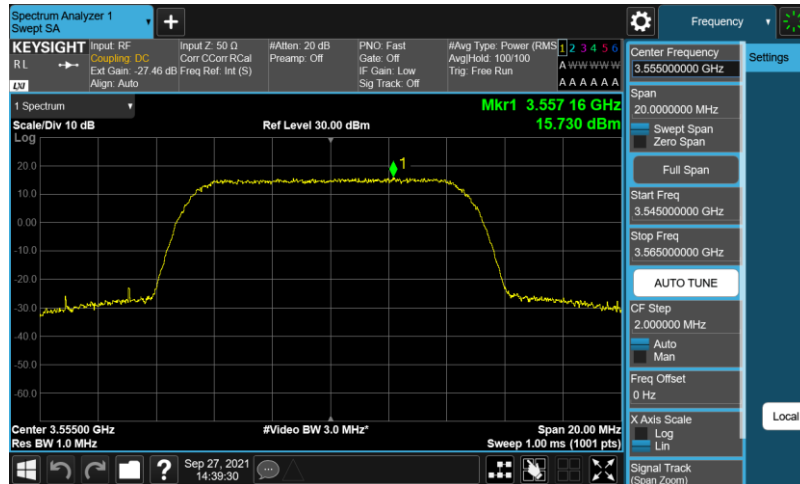
Band48-10MHz-256QAM-55990-E-TM3.1A



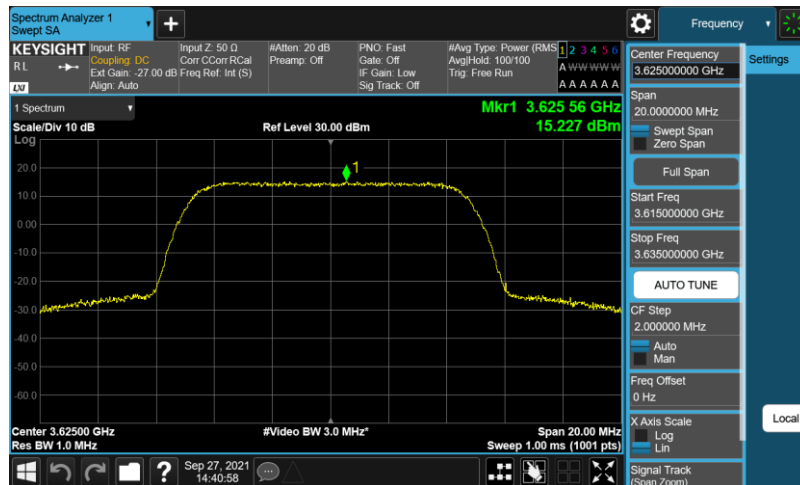
Band48-10MHz-256QAM-56690-E-TM3.1A



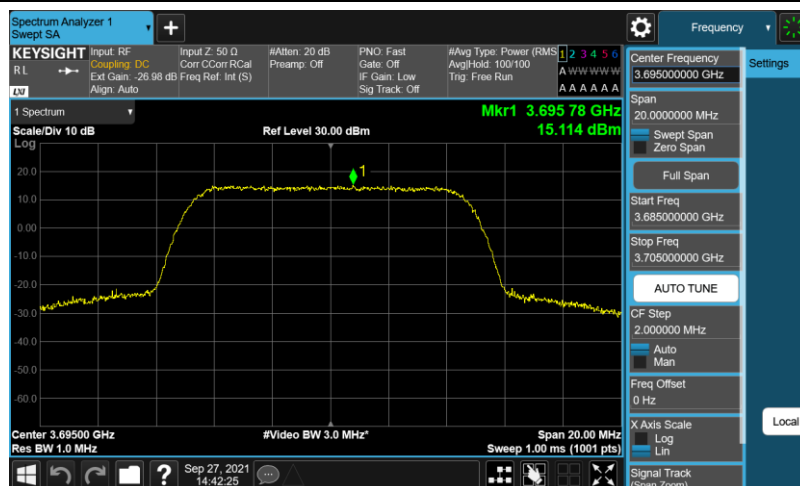
Band48-10MHz-QPSK-55290-E-TM1.1



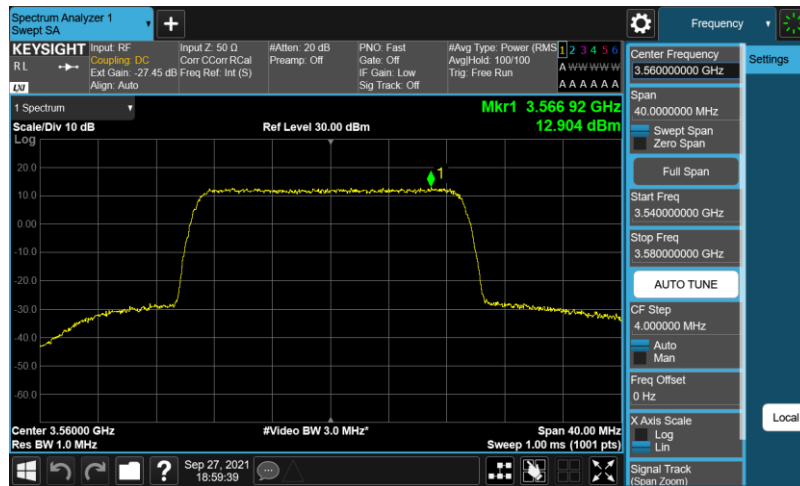
Band48-10MHz-QPSK-55990-E-TM1.1



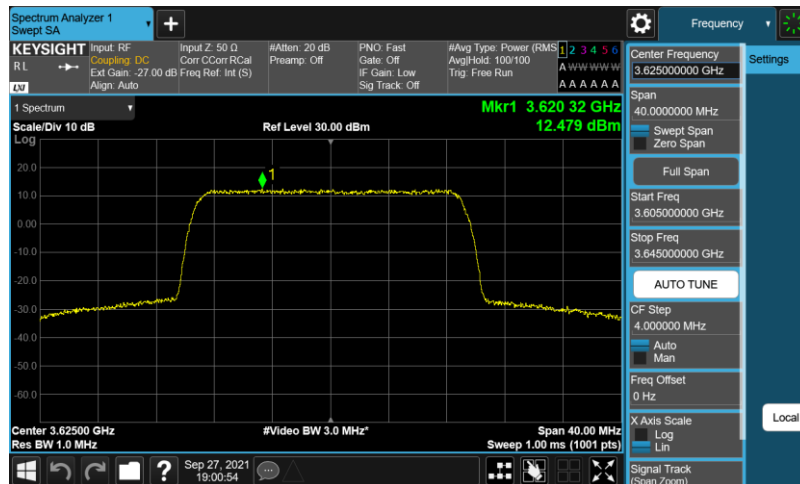
Band48-10MHz-QPSK-56690-E-TM1.1



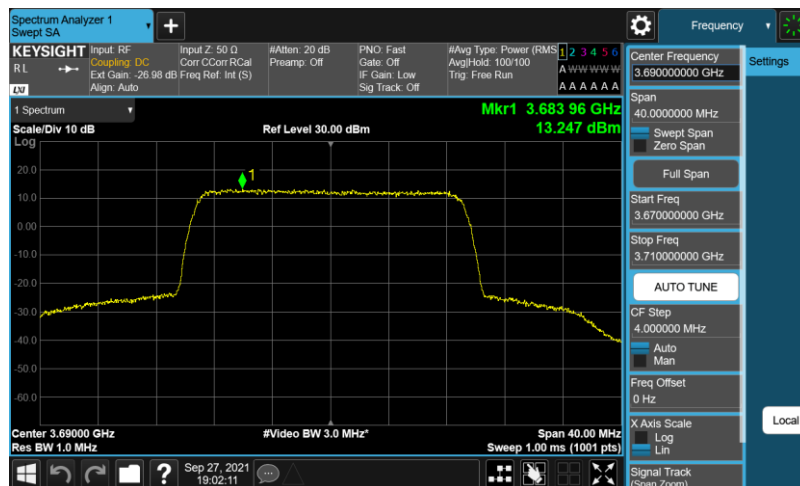
Band48-20MHz-256QAM-55340-E-TM3.1A



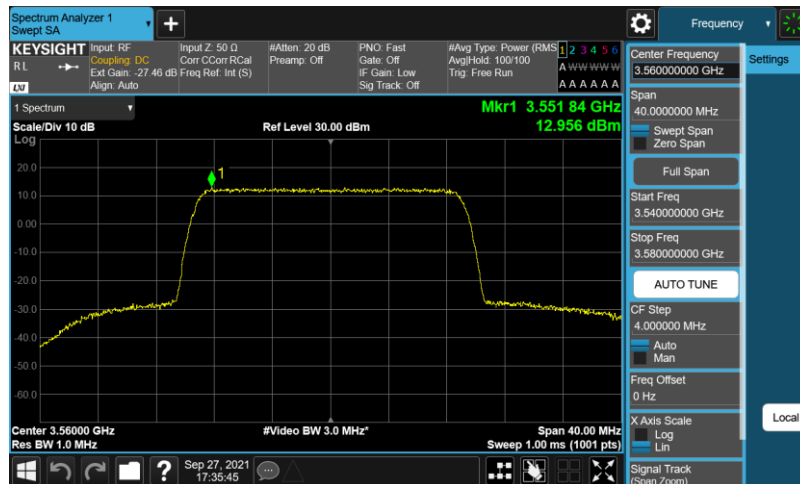
Band48-20MHz-256QAM-55990-E-TM3.1A



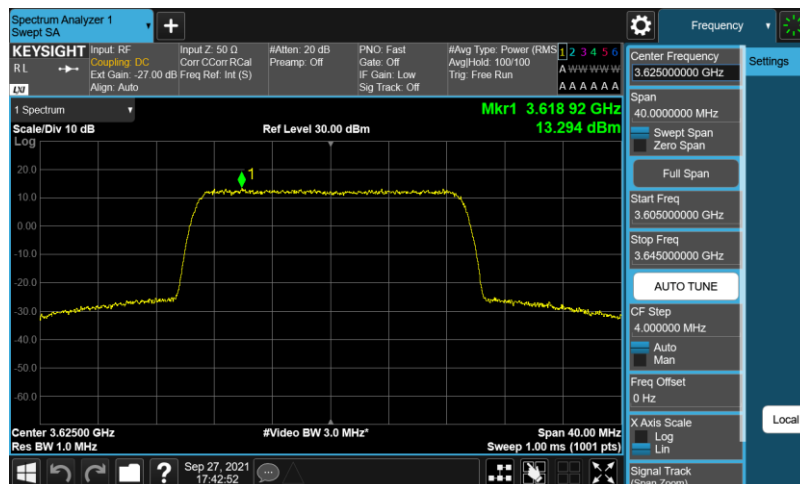
Band48-20MHz-256QAM-56640-E-TM3.1A



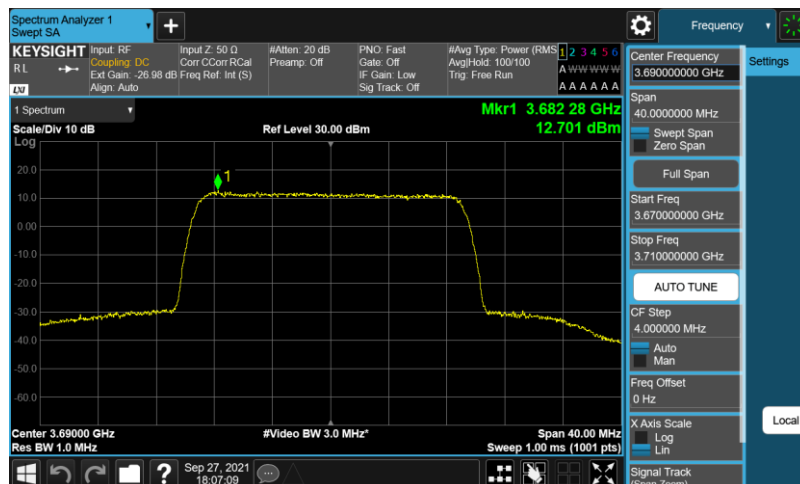
Band48-20MHz-QPSK-55340-E-TM1.1



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



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



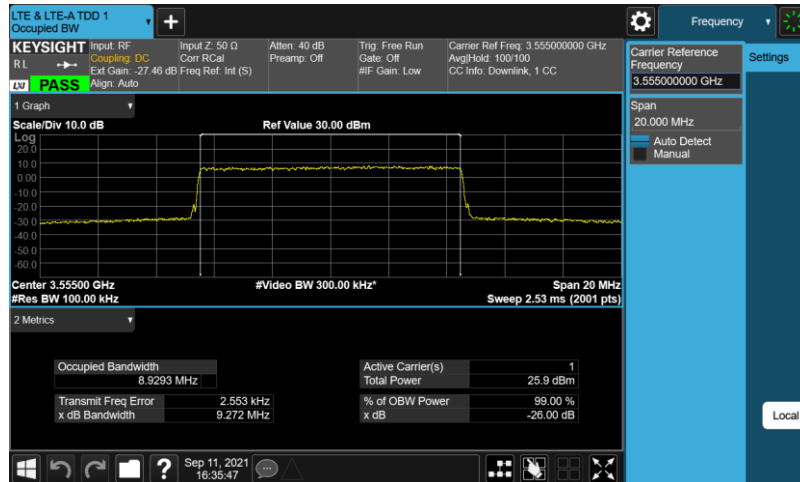
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

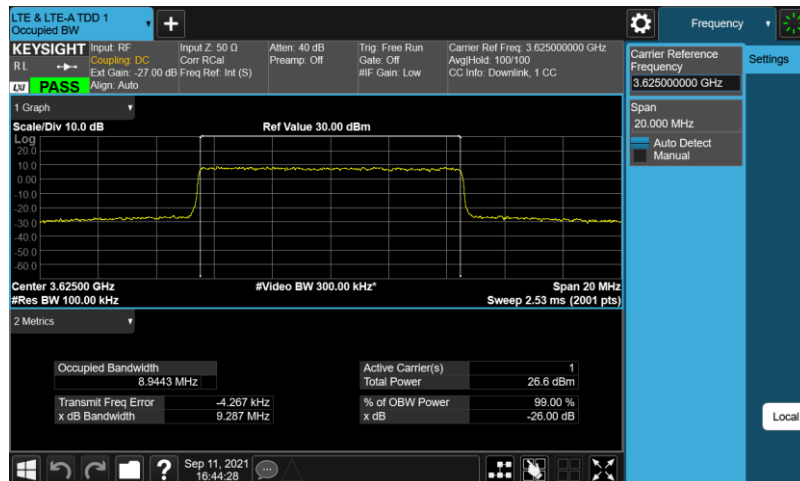
Band	Bandwidth	Modulation	Channel	Mode	99%(MHz)	EBW(MHz)
Band48	10MHz	256QAM	55290	E-TM3.1A	8.9293	9.272
Band48	10MHz	256QAM	55990	E-TM3.1A	8.9443	9.287
Band48	10MHz	256QAM	56690	E-TM3.1A	8.9597	9.293
Band48	10MHz	QPSK	55290	E-TM1.1	8.9446	9.416
Band48	10MHz	QPSK	55990	E-TM1.1	8.9552	9.366
Band48	10MHz	QPSK	56690	E-TM1.1	8.9398	9.316
Band48	20MHz	256QAM	55340	E-TM3.1A	17.836	18.50
Band48	20MHz	256QAM	55990	E-TM3.1A	17.863	18.55
Band48	20MHz	256QAM	56640	E-TM3.1A	17.888	18.55
Band48	20MHz	QPSK	55340	E-TM1.1	17.848	18.55
Band48	20MHz	QPSK	55990	E-TM1.1	17.855	18.53
Band48	20MHz	QPSK	56640	E-TM1.1	17.863	18.54

Test Graphs

Band48-10MHz-256QAM-55290-E-TM3.1A



Band48-10MHz-256QAM-55990-E-TM3.1A



Band48-10MHz-256QAM-56690-E-TM3.1A

