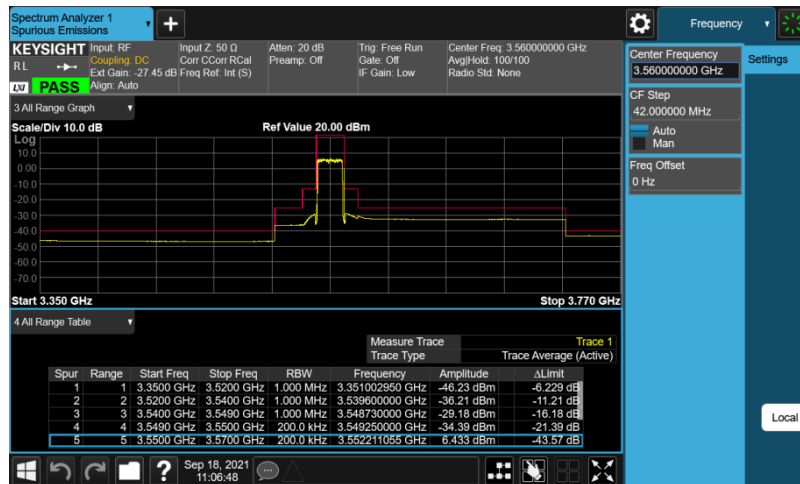
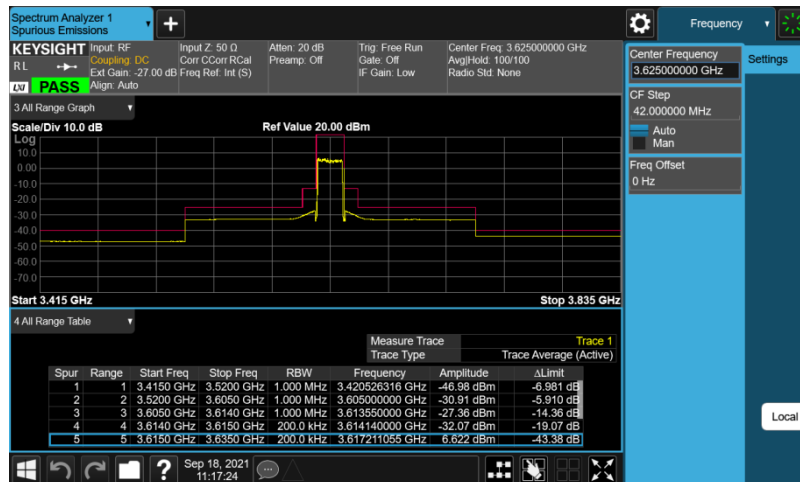


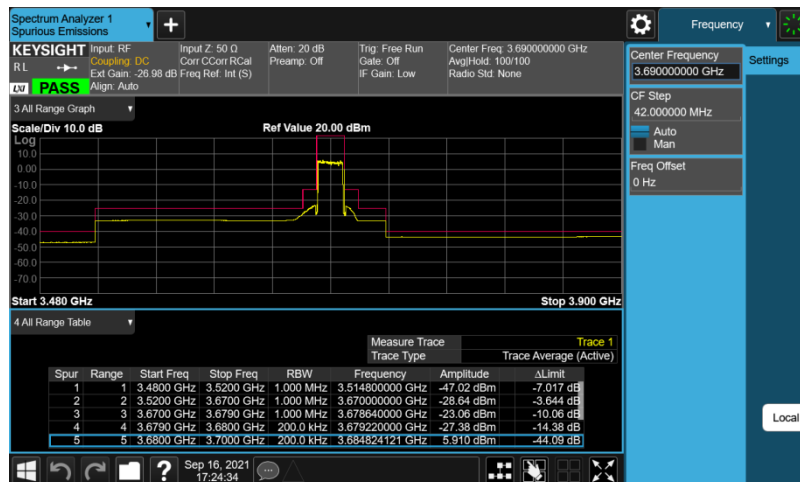
Band48-20MHz-256QAM-55340-E-TM3.1A



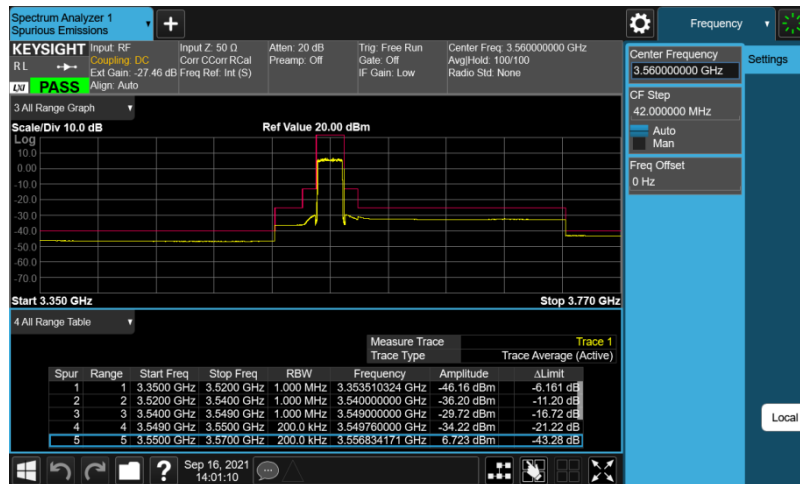
Band48-20MHz-256QAM-55990-E-TM3.1A



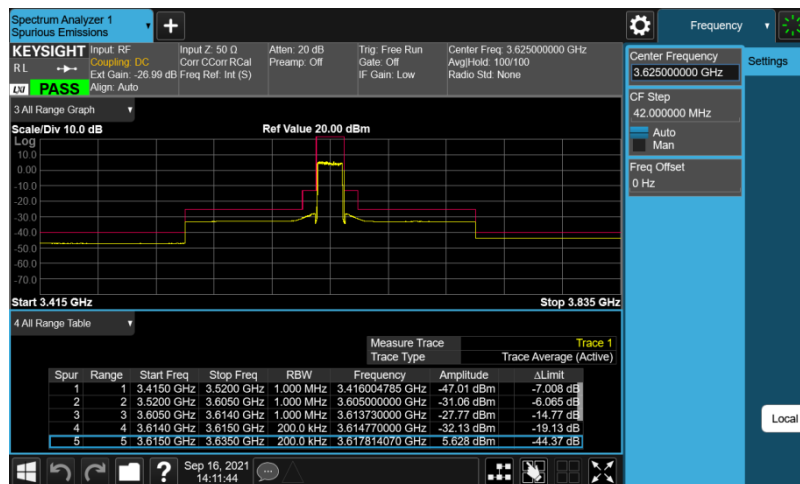
Band48-20MHz-256QAM-56640-E-TM3.1A



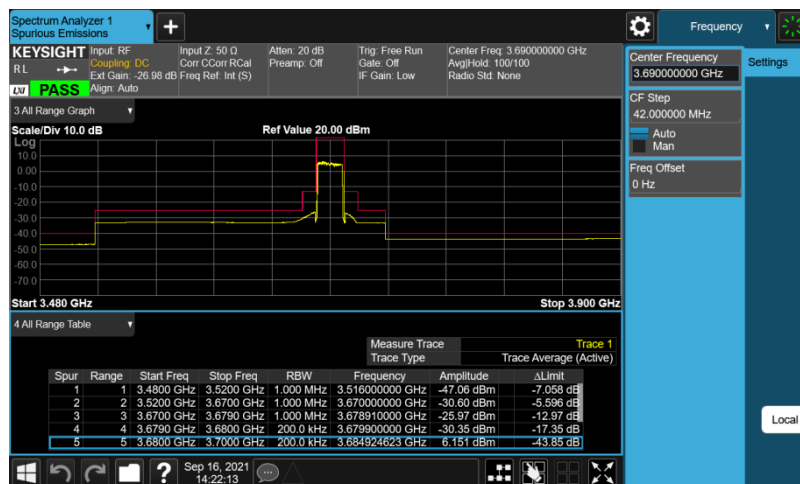
Band48-20MHz-QPSK-55340-E-TM1.1



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



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



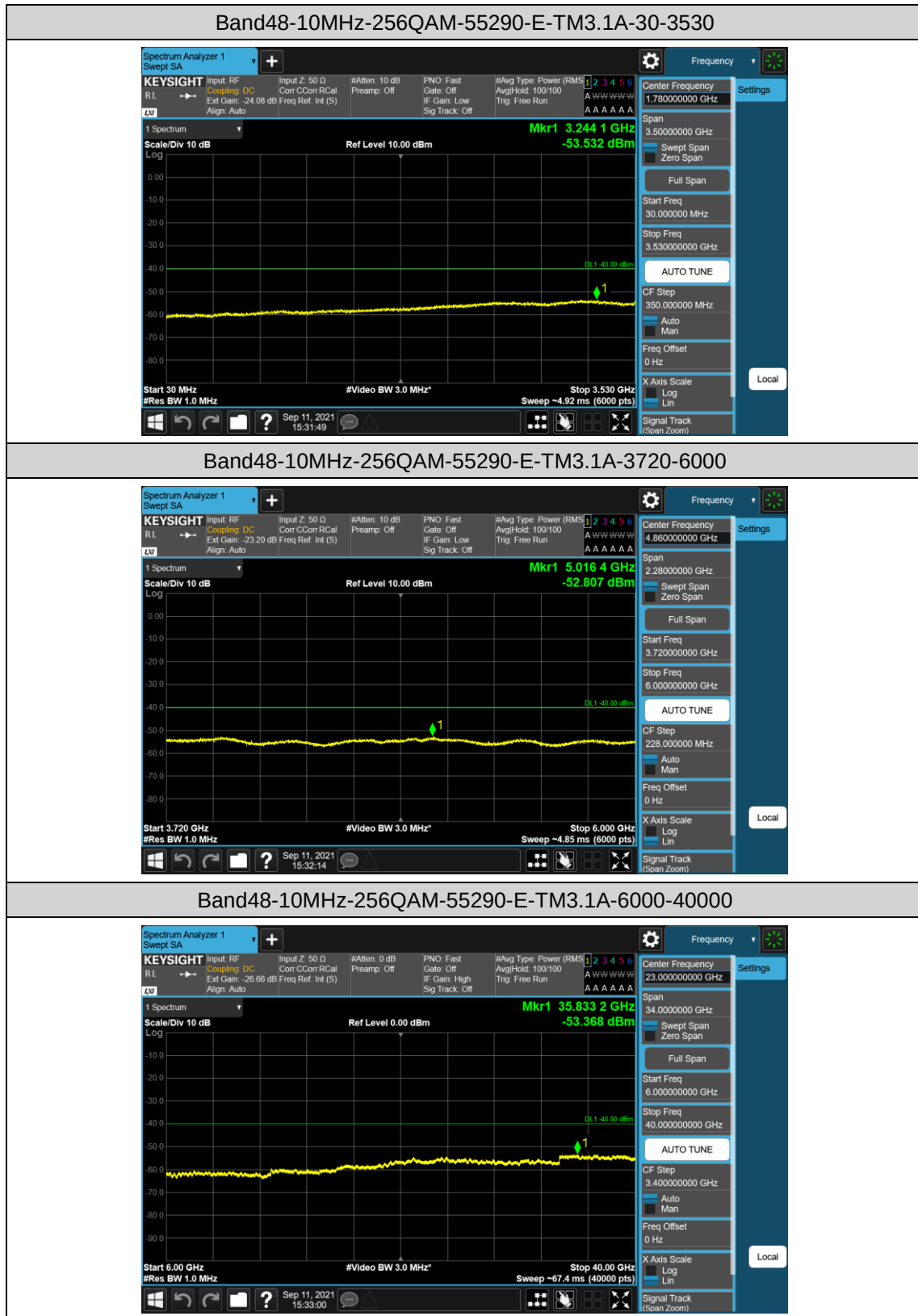
Appendix G: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	Mode	Test Frequency(MHz)	Result (dBm)	Verdict
Band48	10MHz	256QAM	55290	E-TM3.1A	30-3530	-53.53	PASS
Band48	10MHz	256QAM	55290	E-TM3.1A	3720-6000	-52.81	PASS
Band48	10MHz	256QAM	55290	E-TM3.1A	6000-40000	-53.37	PASS
Band48	10MHz	256QAM	55990	E-TM3.1A	30-3530	-53.67	PASS
Band48	10MHz	256QAM	55990	E-TM3.1A	3720-6000	-52.78	PASS
Band48	10MHz	256QAM	55990	E-TM3.1A	6000-40000	-53.47	PASS
Band48	10MHz	256QAM	56690	E-TM3.1A	30-3530	-53.80	PASS
Band48	10MHz	256QAM	56690	E-TM3.1A	3720-6000	-52.87	PASS
Band48	10MHz	256QAM	56690	E-TM3.1A	6000-40000	-52.53	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	30-3530	-53.72	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	3720-6000	-53.08	PASS
Band48	10MHz	QPSK	55290	E-TM1.1	6000-40000	-53.61	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	30-3530	-54.18	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	3720-6000	-53.16	PASS
Band48	10MHz	QPSK	55990	E-TM1.1	6000-40000	-53.53	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	30-3530	-54.16	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	3720-6000	-53.10	PASS
Band48	10MHz	QPSK	56690	E-TM1.1	6000-40000	-53.58	PASS
Band48	20MHz	256QAM	55340	E-TM3.1A	30-3530	-53.95	PASS
Band48	20MHz	256QAM	55340	E-TM3.1A	3720-6000	-53.21	PASS
Band48	20MHz	256QAM	55340	E-TM3.1A	6000-40000	-53.78	PASS
Band48	20MHz	256QAM	55990	E-TM3.1A	30-3530	-54.34	PASS
Band48	20MHz	256QAM	55990	E-TM3.1A	3720-6000	-53.01	PASS
Band48	20MHz	256QAM	55990	E-TM3.1A	6000-40000	-53.56	PASS
Band48	20MHz	256QAM	56640	E-TM3.1A	30-3530	-54.18	PASS
Band48	20MHz	256QAM	56640	E-TM3.1A	3720-6000	-53.02	PASS
Band48	20MHz	256QAM	56640	E-TM3.1A	6000-40000	-53.47	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	30-3530	-53.92	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	3720-6000	-52.79	PASS
Band48	20MHz	QPSK	55340	E-TM1.1	6000-40000	-53.72	PASS
Band48	20MHz	QPSK	55990	E-TM1.1	30-3530	-54.23	PASS

Band48	20MHz	QPSK	55990	E-TM1.1	3720-6000	-52.94	PASS
Band48	20MHz	QPSK	55990	E-TM1.1	6000-40000	-53.48	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	30-3530	-54.23	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	3720-6000	-53.00	PASS
Band48	20MHz	QPSK	56640	E-TM1.1	6000-40000	-53.60	PASS

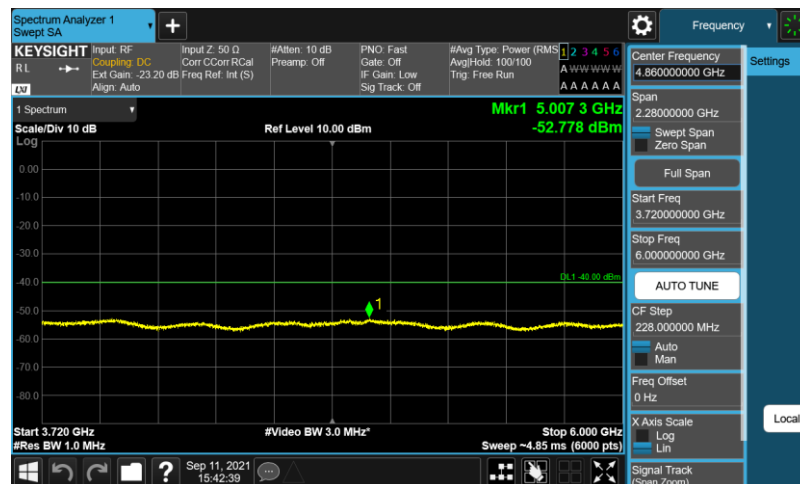
Test Graphs



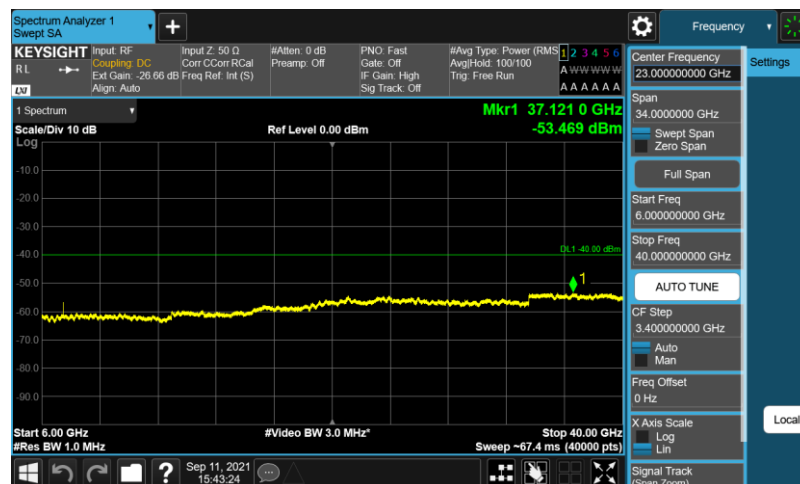
Band48-10MHz-256QAM-55990-E-TM3.1A-30-3530



Band48-10MHz-256QAM-55990-E-TM3.1A-3720-6000



Band48-10MHz-256QAM-55990-E-TM3.1A-6000-40000



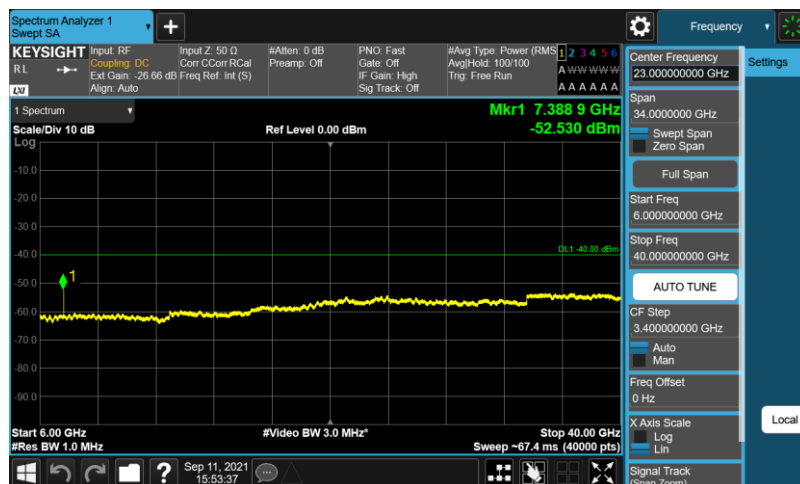
Band48-10MHz-256QAM-56690-E-TM3.1A-30-3530



Band48-10MHz-256QAM-56690-E-TM3.1A-3720-6000



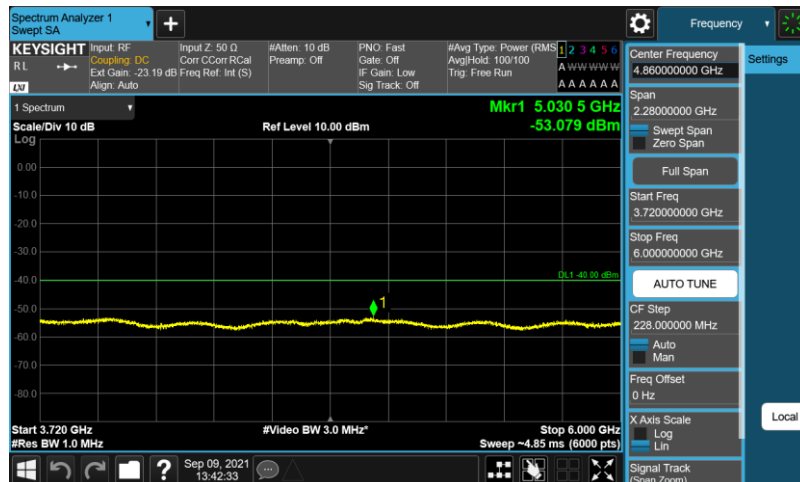
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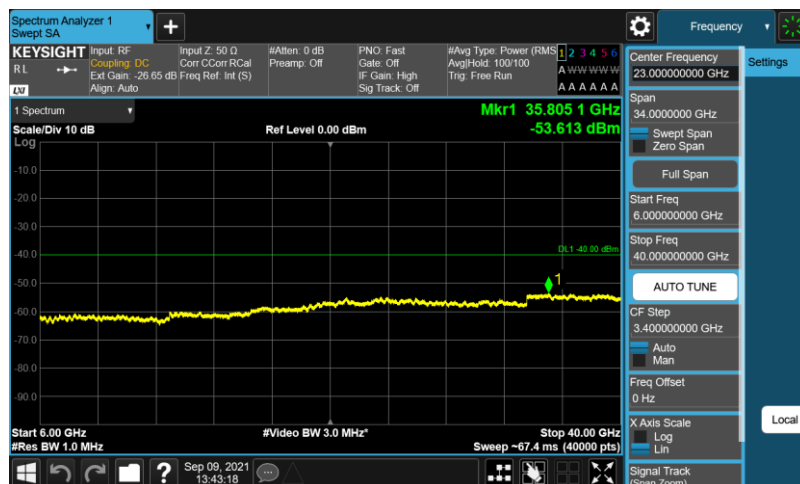
Band48-10MHz-QPSK-55290-E-TM1.1-30-3530



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



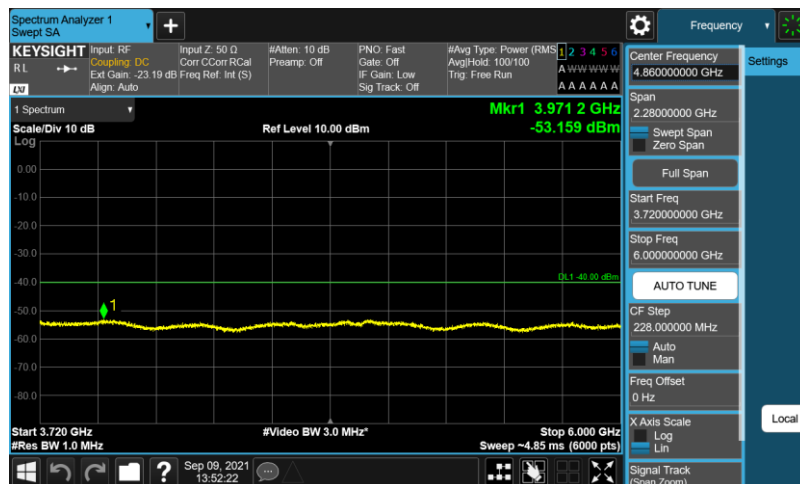
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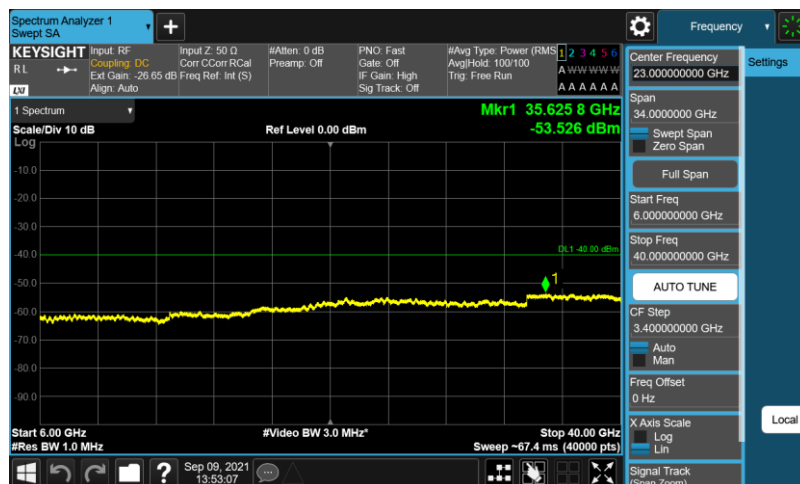
Band48-10MHz-QPSK-55990-E-TM1.1-30-3530



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



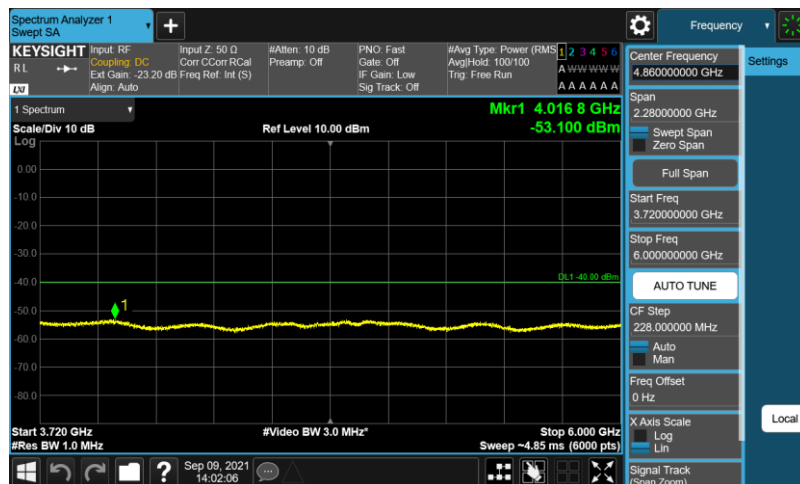
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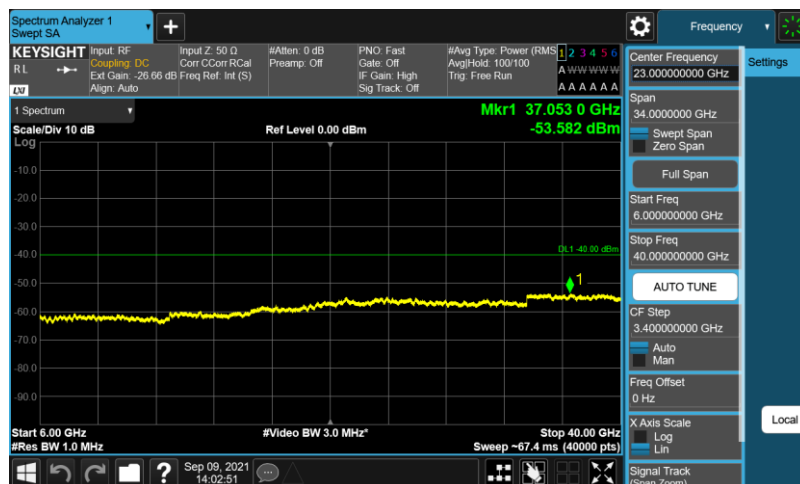
Band48-10MHz-QPSK-56690-E-TM1.1-30-3530



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



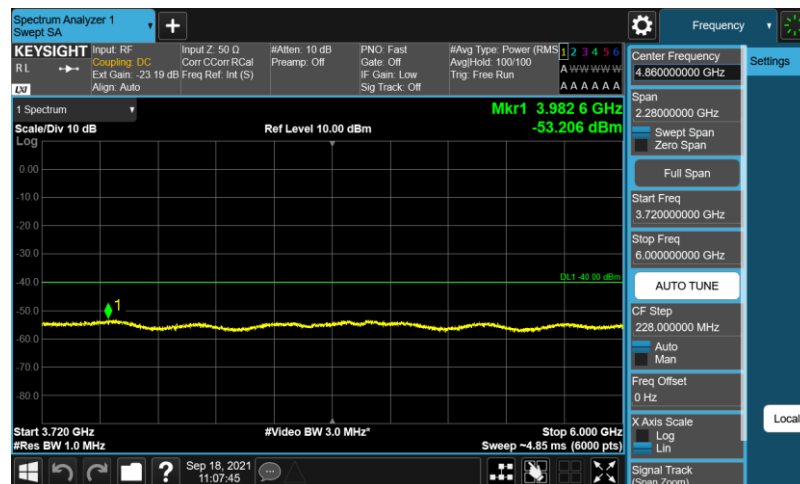
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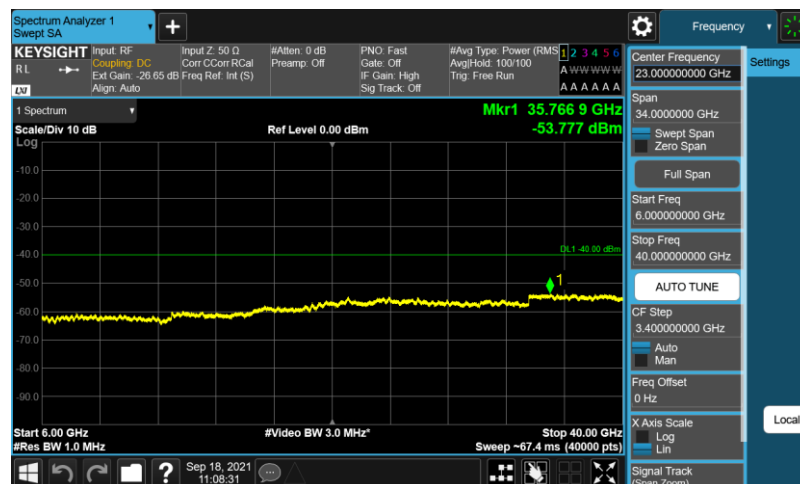
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Band48-20MHz-256QAM-55340-E-TM3.1A-3720-6000



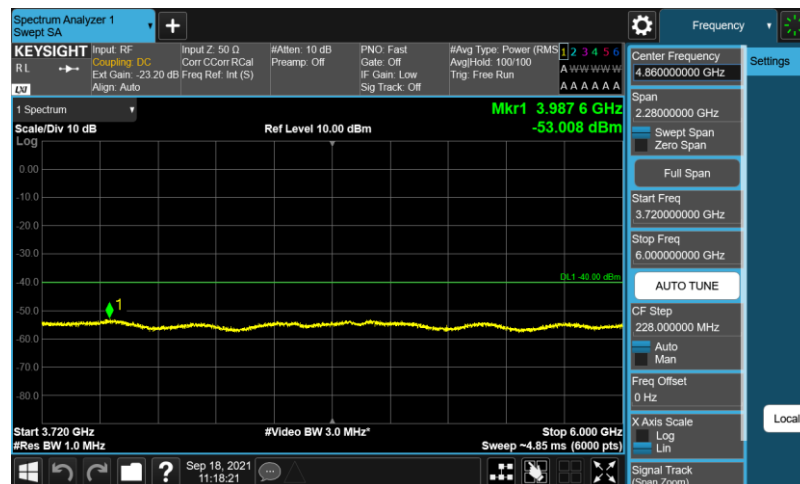
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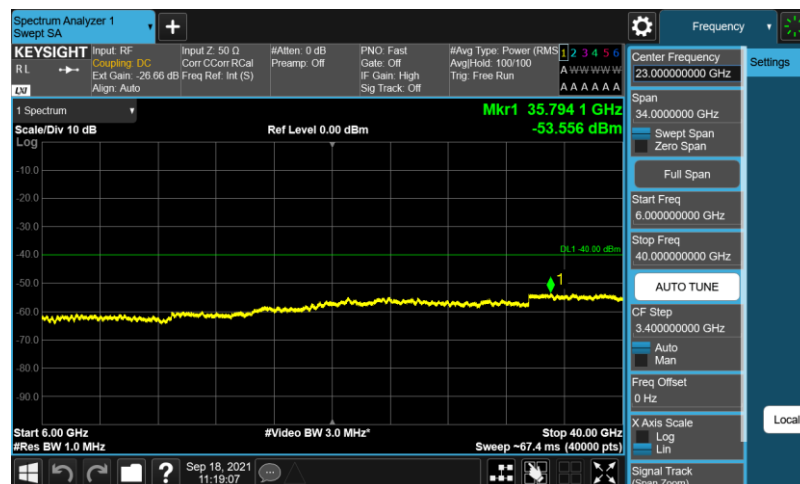
Band48-20MHz-256QAM-55990-E-TM3.1A-30-3530



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



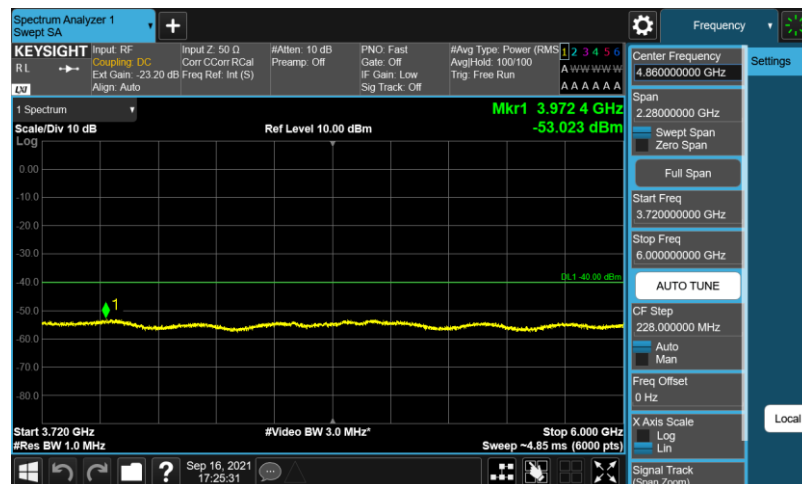
Band48-20MHz-256QAM-55990-TM3.1A-6000-40000



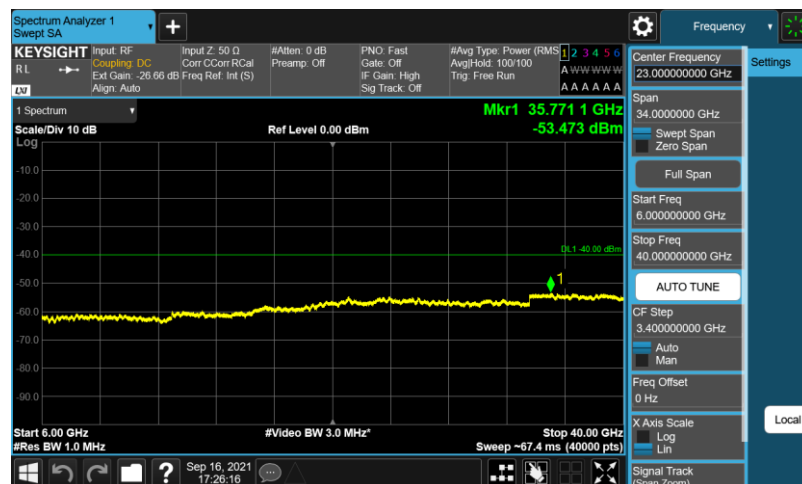
Band48-20MHz-256QAM-56640-E-TM3.1A-30-3530



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



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



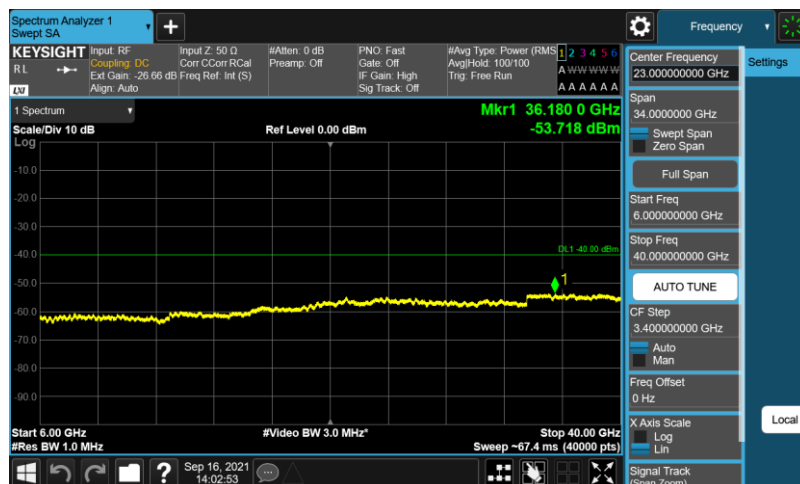
Band48-20MHz-QPSK-55340-E-TM1.1-30-3530



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



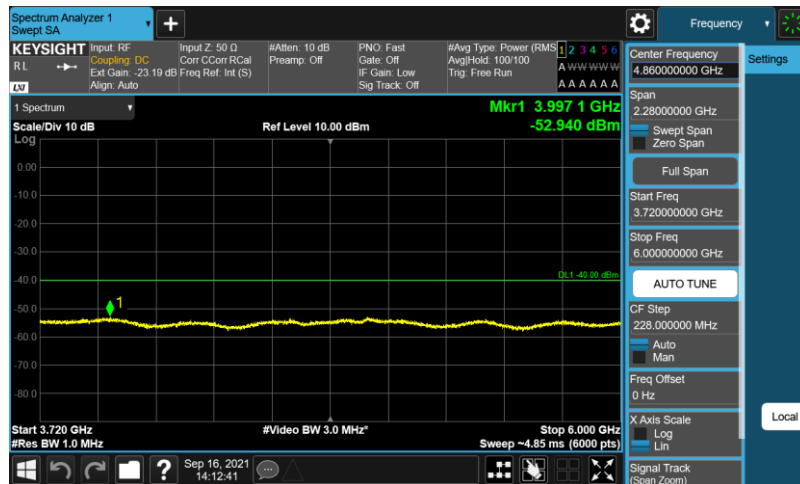
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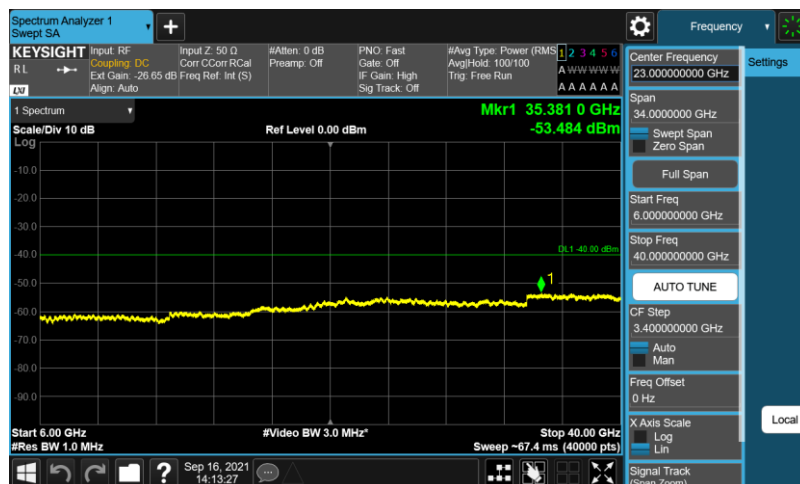
Band48-20MHz-QPSK-55990-E-TM1.1-30-3530



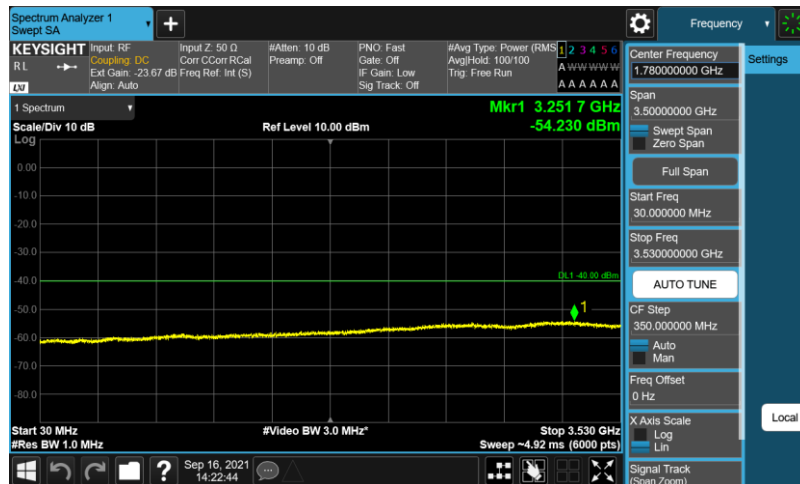
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Band48-20MHz-QPSK-55990-E-TM1.1-6000-40000



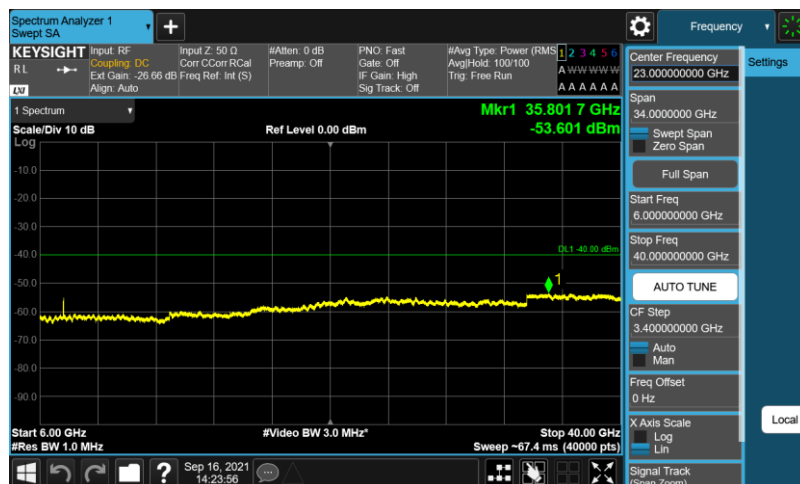
Band48-20MHz-QPSK-56640-E-TM1.1-30-3530



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



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



Antenna 5:

Appendix A: Effective (Isotropic) Radiated Power Output Data

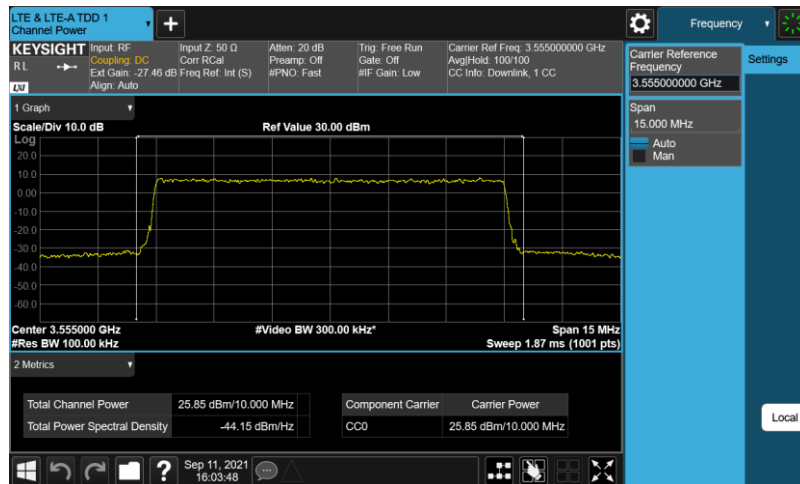
Test Result

Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/10MHz)
Band48	10MHz	256QAM	55290	E-TM3.1A	25.85
Band48	10MHz	256QAM	55990	E-TM3.1A	25.05
Band48	10MHz	256QAM	56690	E-TM3.1A	24.77
Band48	10MHz	QPSK	55290	E-TM1.1	25.82
Band48	10MHz	QPSK	55990	E-TM1.1	25.08
Band48	10MHz	QPSK	56690	E-TM1.1	24.93
Band48	20MHz	256QAM	55340	E-TM3.1A	23.52
Band48	20MHz	256QAM	55990	E-TM3.1A	22.61
Band48	20MHz	256QAM	56640	E-TM3.1A	23.02
Band48	20MHz	QPSK	55340	E-TM1.1	22.85
Band48	20MHz	QPSK	55990	E-TM1.1	22.96
Band48	20MHz	QPSK	56640	E-TM1.1	22.97

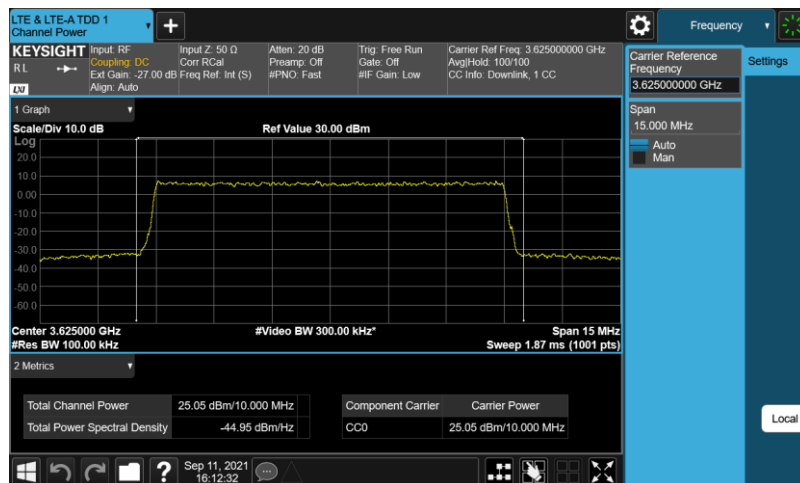
Band	Bandwidth	Modulation	Channel	Mode	Power (dBm/20MHz)
Band48	20MHz	256QAM	55340	E-TM3.1A	26.10
Band48	20MHz	256QAM	55990	E-TM3.1A	25.26
Band48	20MHz	256QAM	56640	E-TM3.1A	25.58
Band48	20MHz	QPSK	55340	E-TM1.1	25.28
Band48	20MHz	QPSK	55990	E-TM1.1	25.35
Band48	20MHz	QPSK	56640	E-TM1.1	25.31

Test Graphs

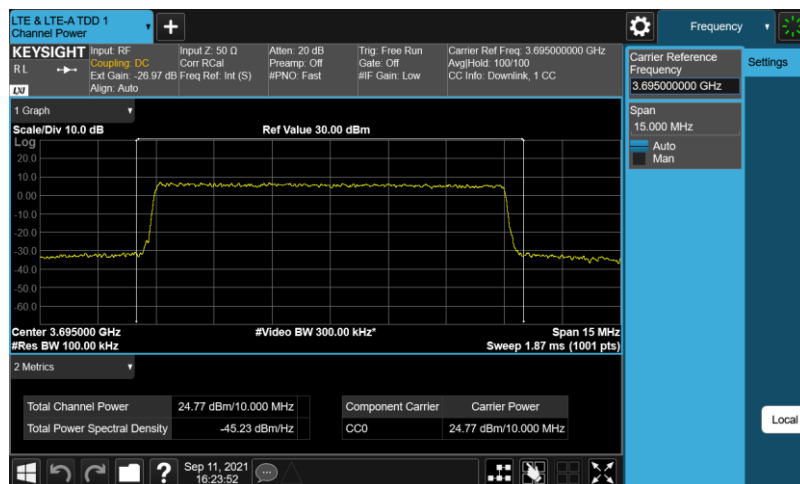
Band48-10MHz-256QAM-55290-E-TM3.1A-10



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



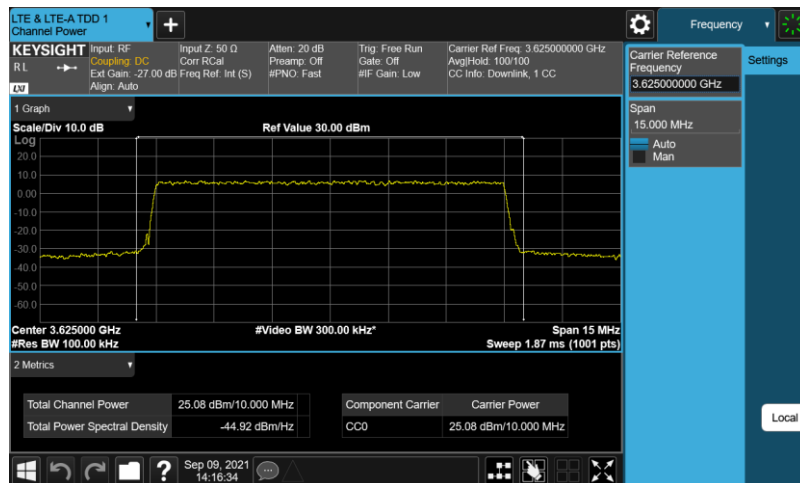
Band48-10MHz-256QAM-56690-E-TM3.1A-10



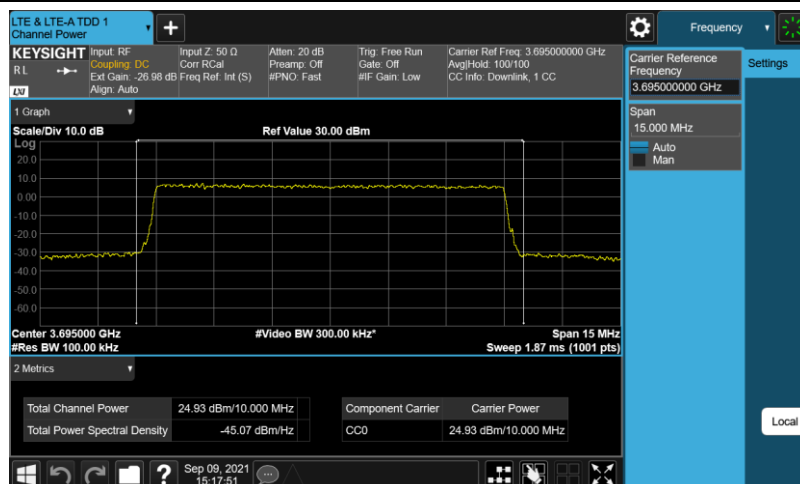
Band48-10MHz-QPSK-55290-E-TM1.1-10



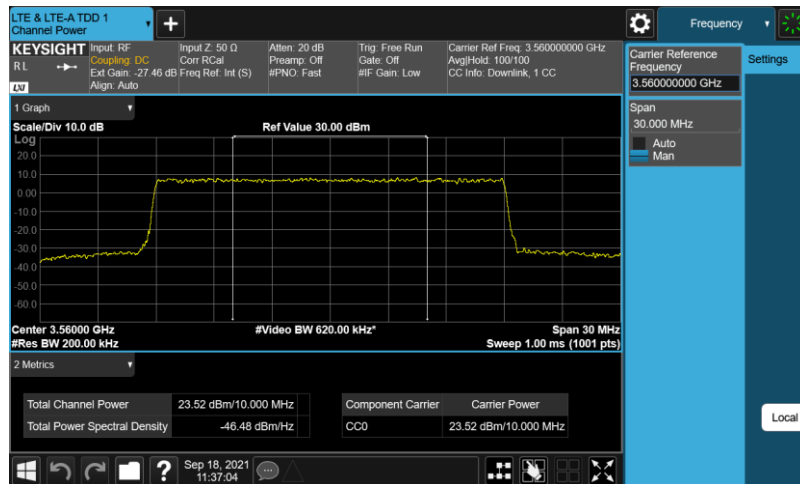
Band48-10MHz-QPSK-55990-E-TM1.1-10



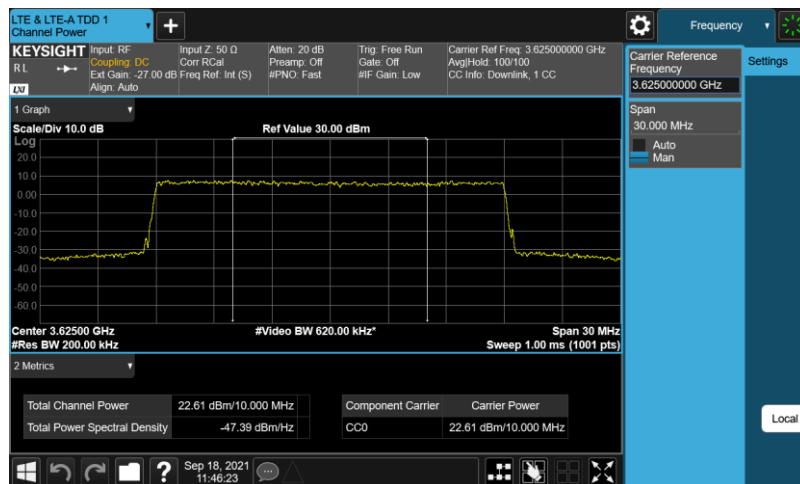
Band48-10MHz-QPSK-56690-E-TM1.1-10



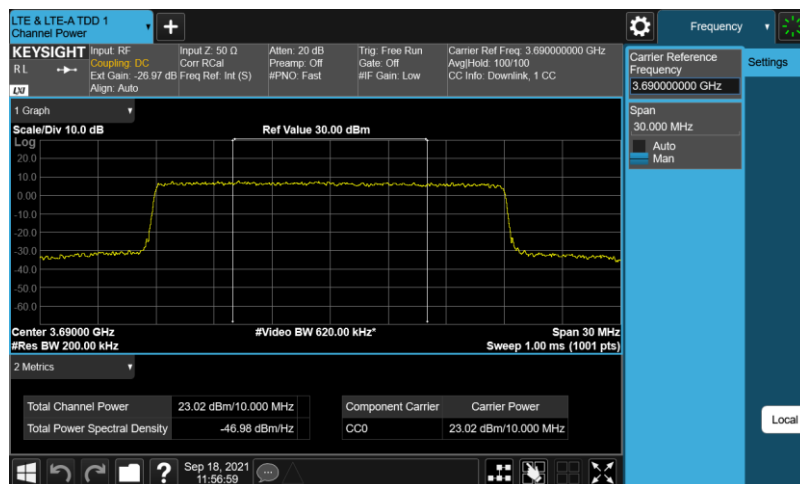
Band48-20MHz-256QAM-55340-E-TM3.1A-10



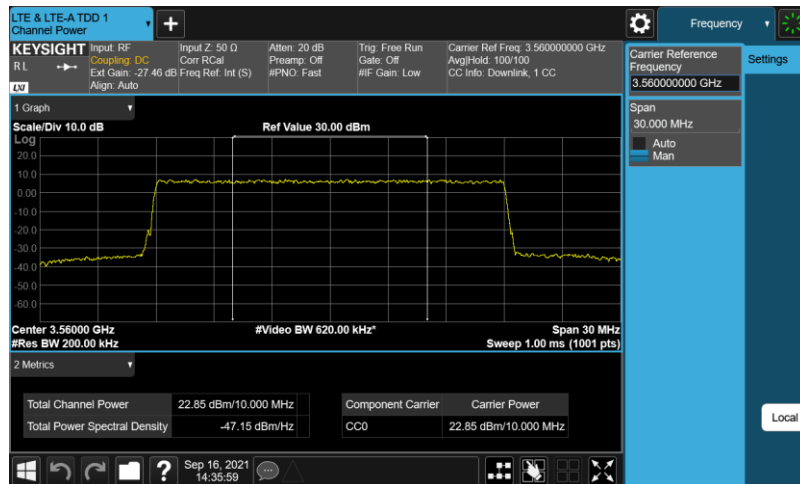
Band48-20MHz-256QAM-55990-E-TM3.1A-10



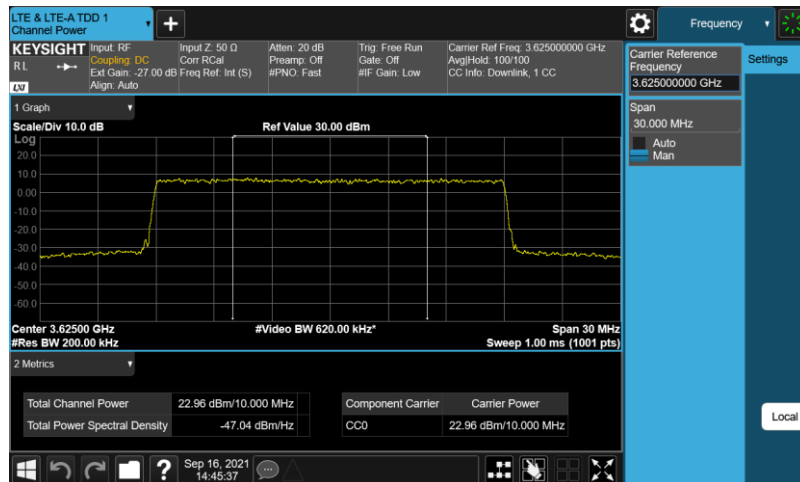
Band48-20MHz-256QAM-56640-E-TM3.1A-10



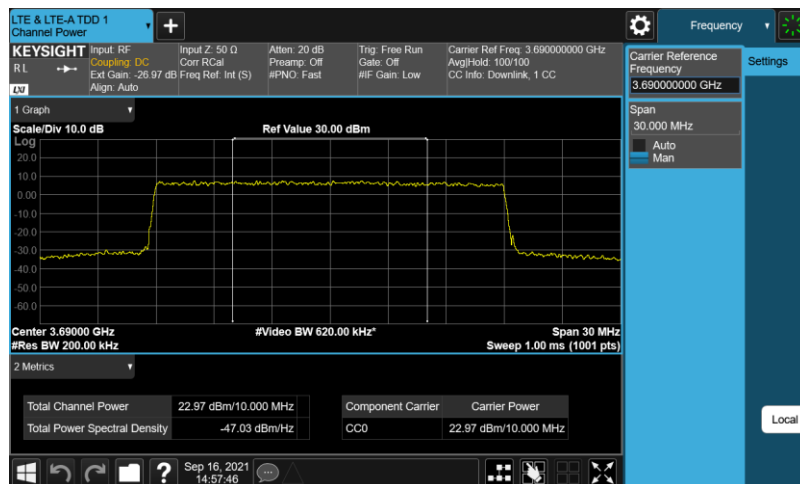
Band48-20MHz-QPSK-55340-E-TM1.1-10



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



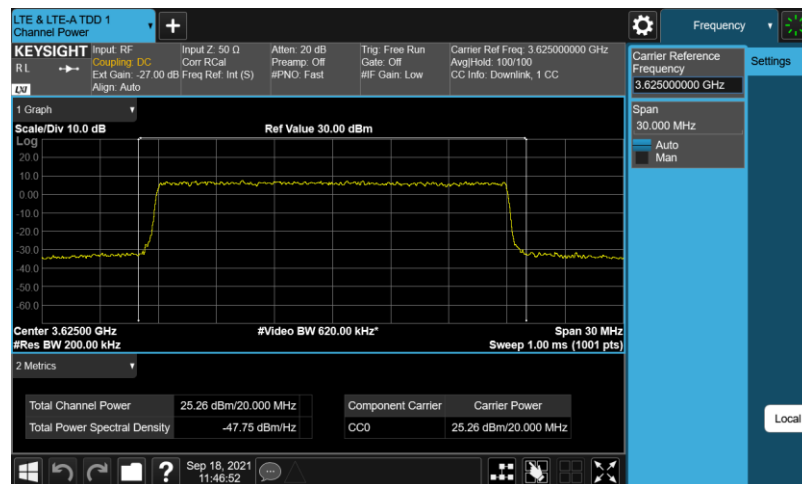
Band48-20MHz-QPSK-56640-E-TM1.1-10



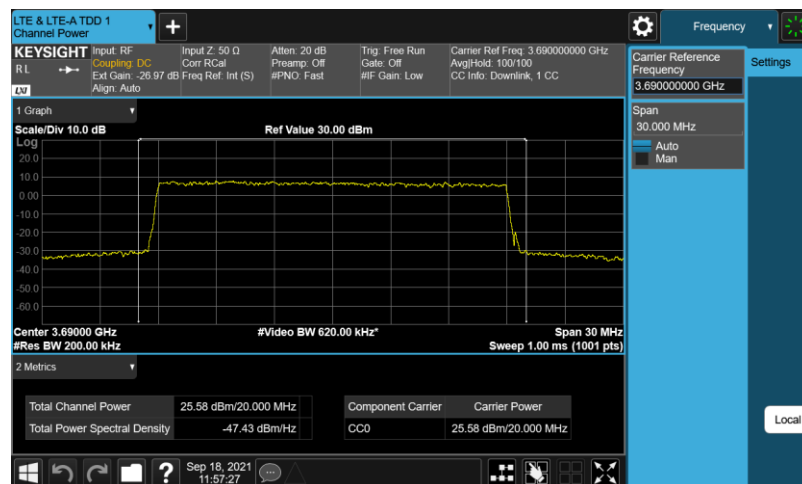
Band48-20MHz-256QAM-55340-E-TM3.1A-20



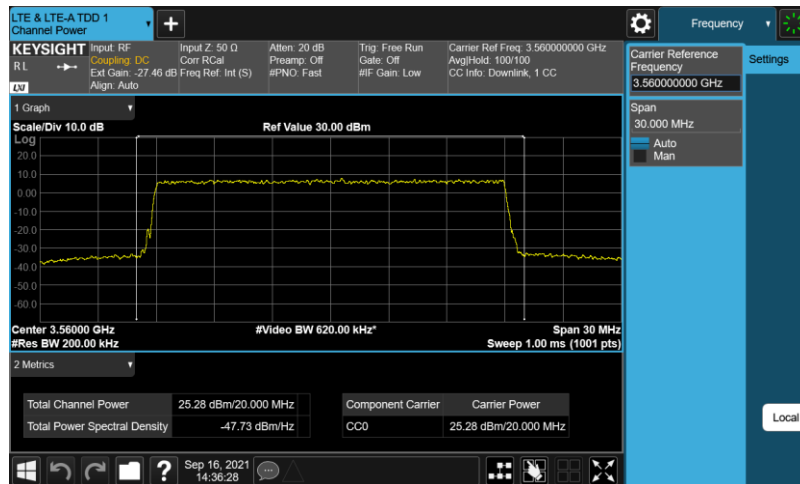
Band48-20MHz-256QAM-55990-E-TM3.1A-20



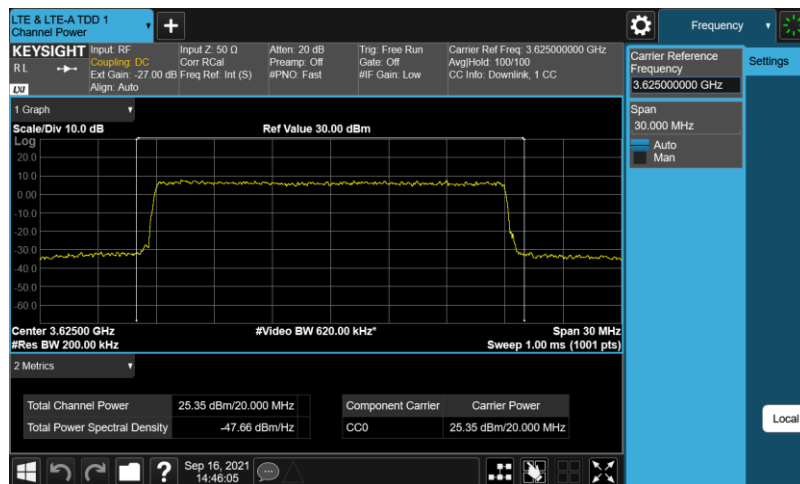
Band48-20MHz-256QAM-56640-E-TM3.1A-20



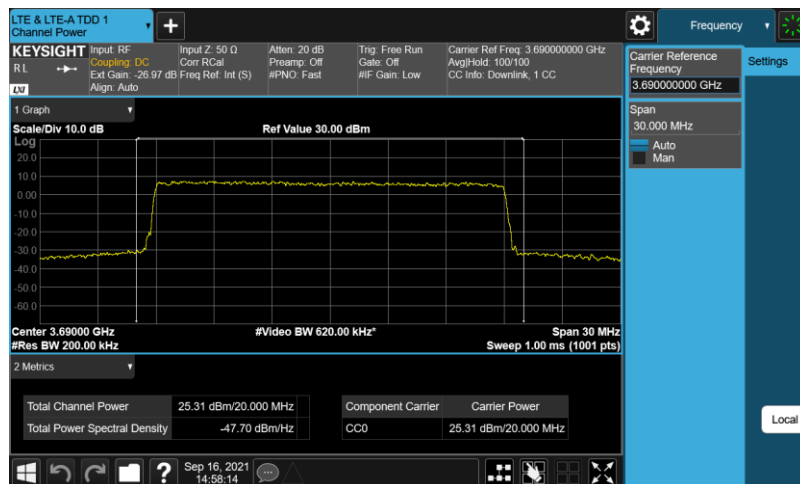
Band48-20MHz-QPSK-55340-E-TM1.1-20



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	15.97
Band48	10MHz	256QAM	55990	E-TM3.1A	15.55
Band48	10MHz	256QAM	56690	E-TM3.1A	15.24
Band48	10MHz	QPSK	55290	E-TM1.1	15.84
Band48	10MHz	QPSK	55990	E-TM1.1	15.33
Band48	10MHz	QPSK	56690	E-TM1.1	15.15
Band48	20MHz	256QAM	55340	E-TM3.1A	13.32
Band48	20MHz	256QAM	55990	E-TM3.1A	13.12
Band48	20MHz	256QAM	56640	E-TM3.1A	12.84
Band48	20MHz	QPSK	55340	E-TM1.1	12.98
Band48	20MHz	QPSK	55990	E-TM1.1	13.22
Band48	20MHz	QPSK	56640	E-TM1.1	12.88