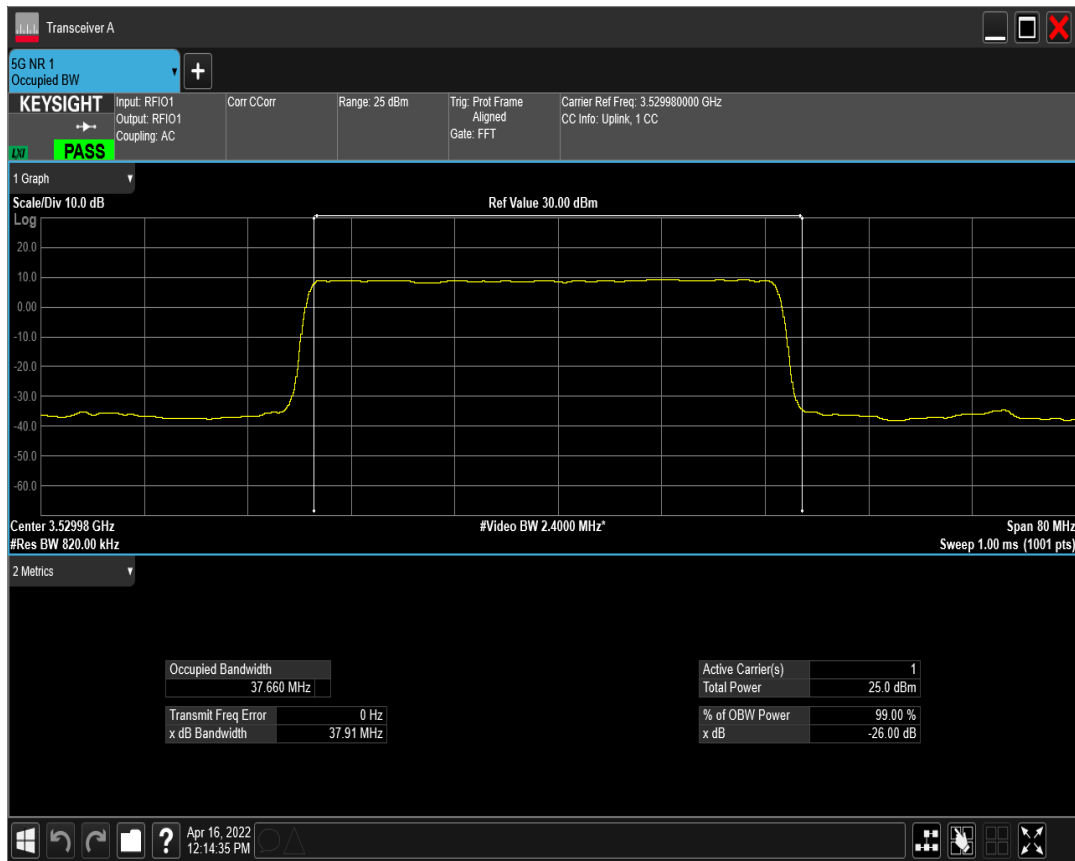
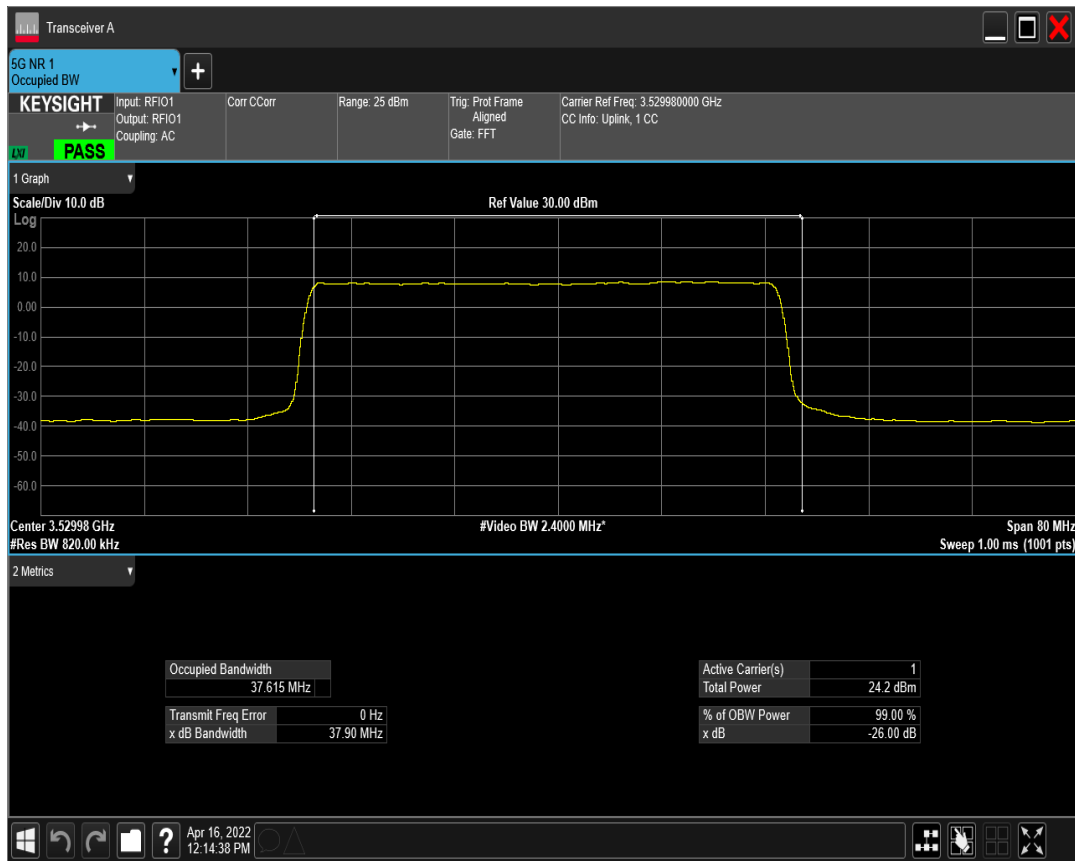




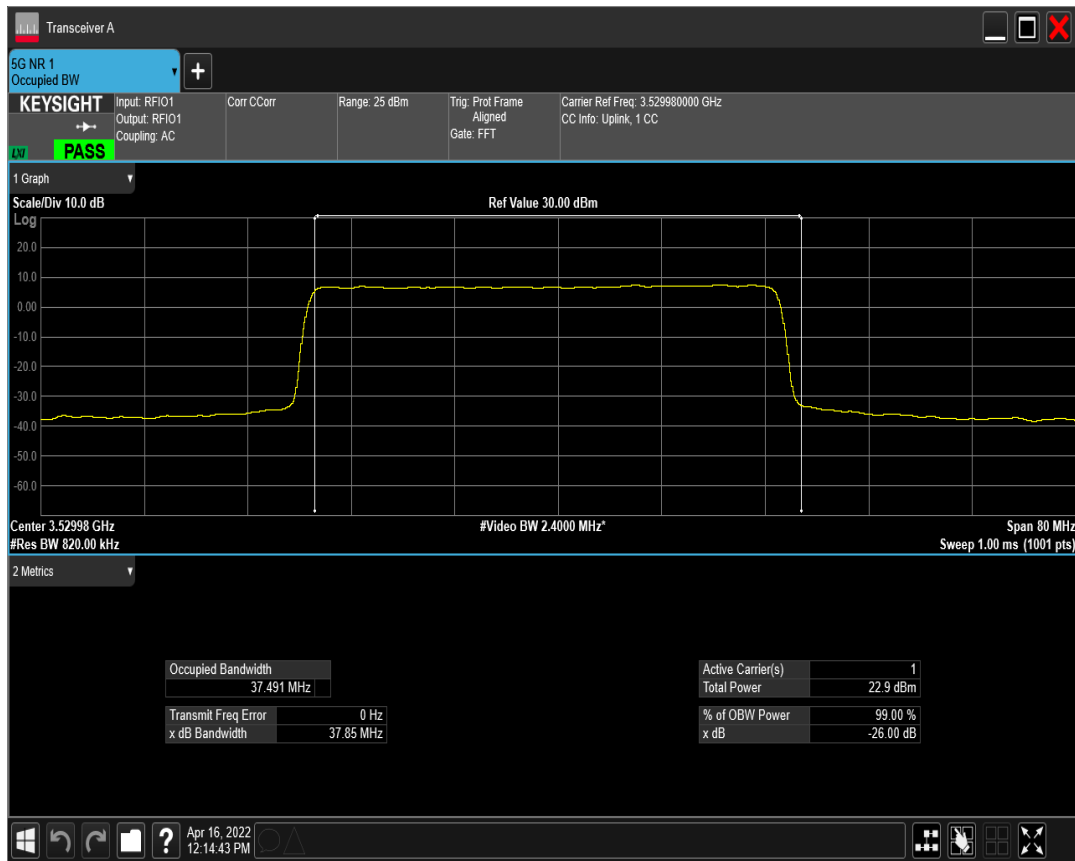
n78(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=635332 RB=100@0



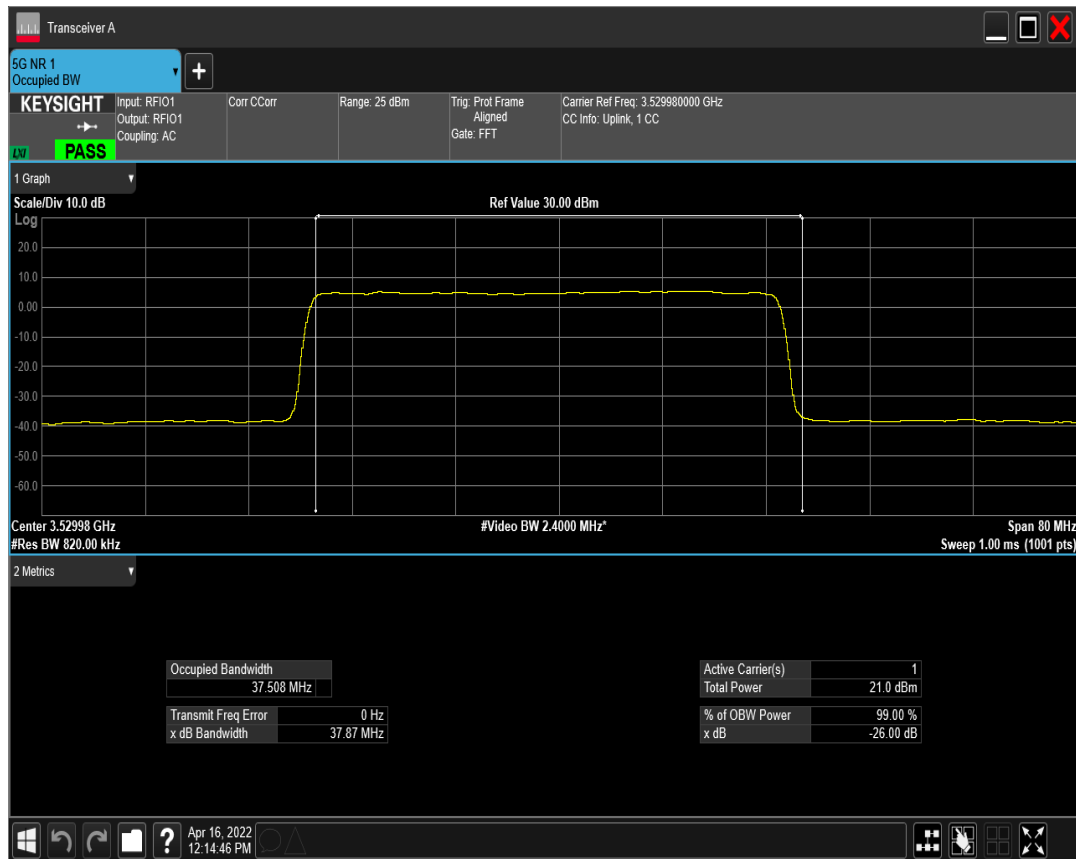
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=635332 RB=100@0



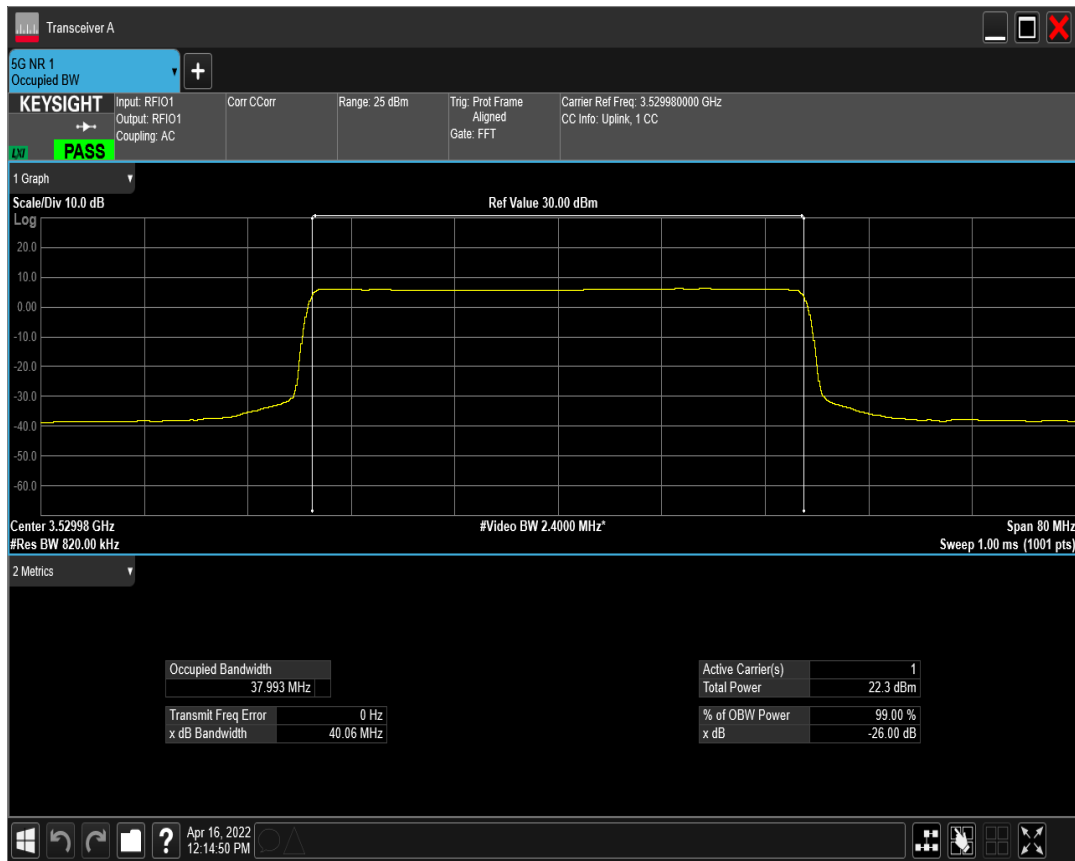
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=635332 RB=100@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=635332 RB=100@0



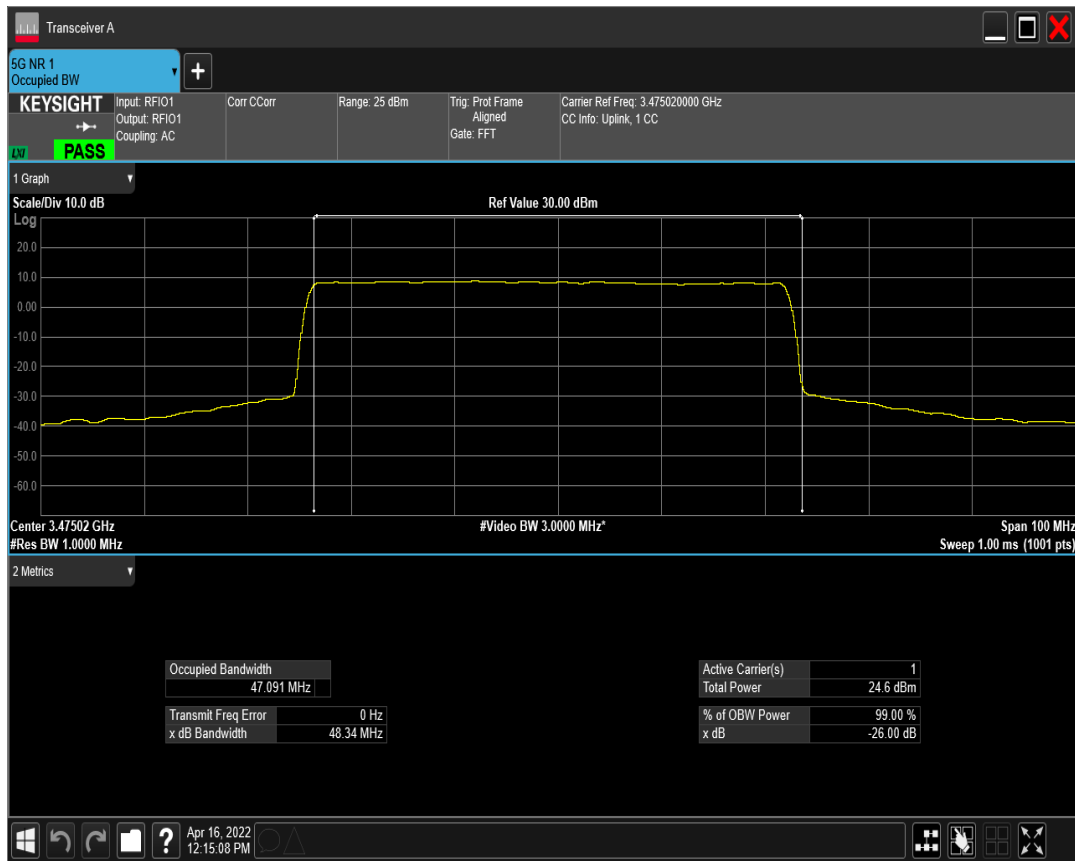
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz Channel=635332 RB=106@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=631668 RB=128@0



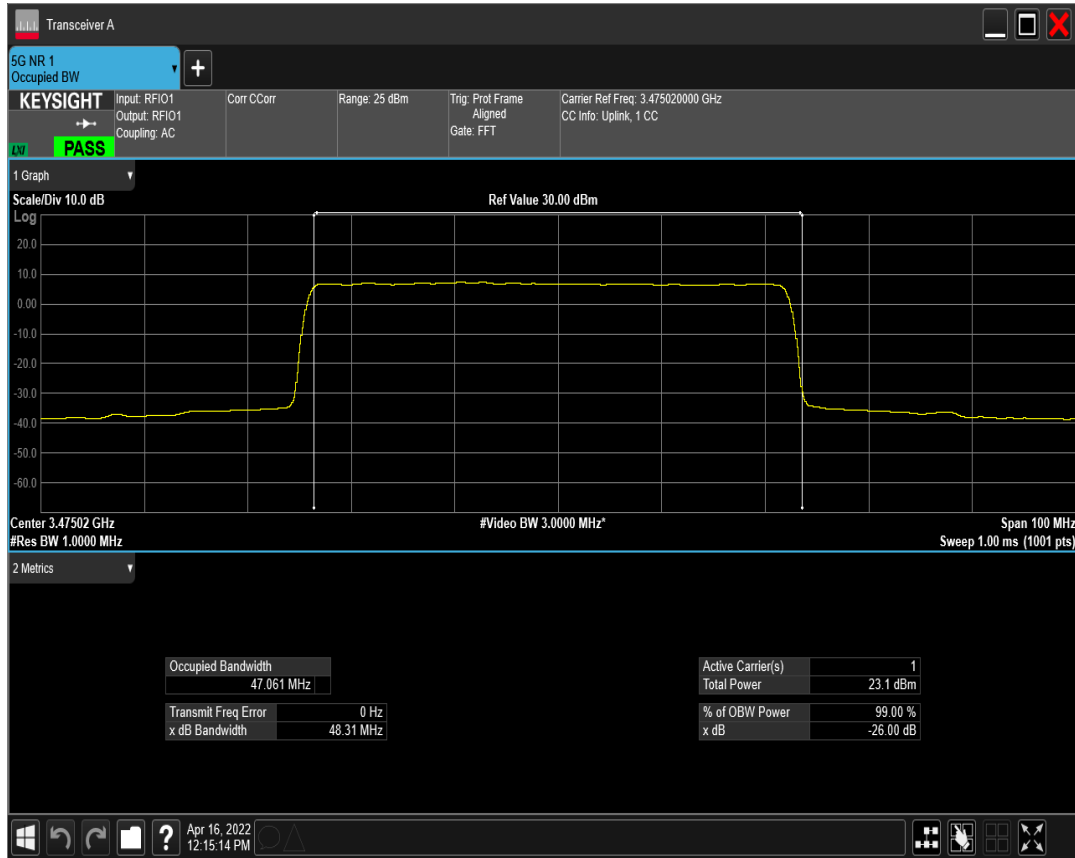
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=631668 RB=128@0



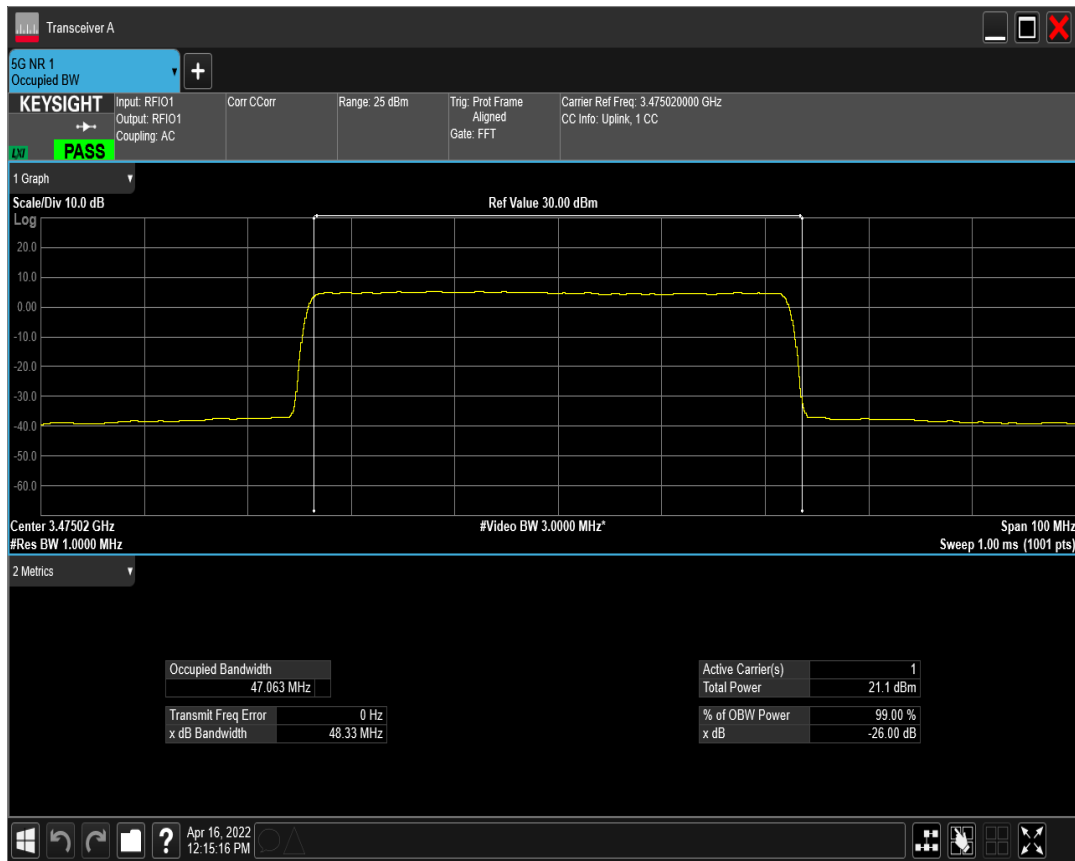
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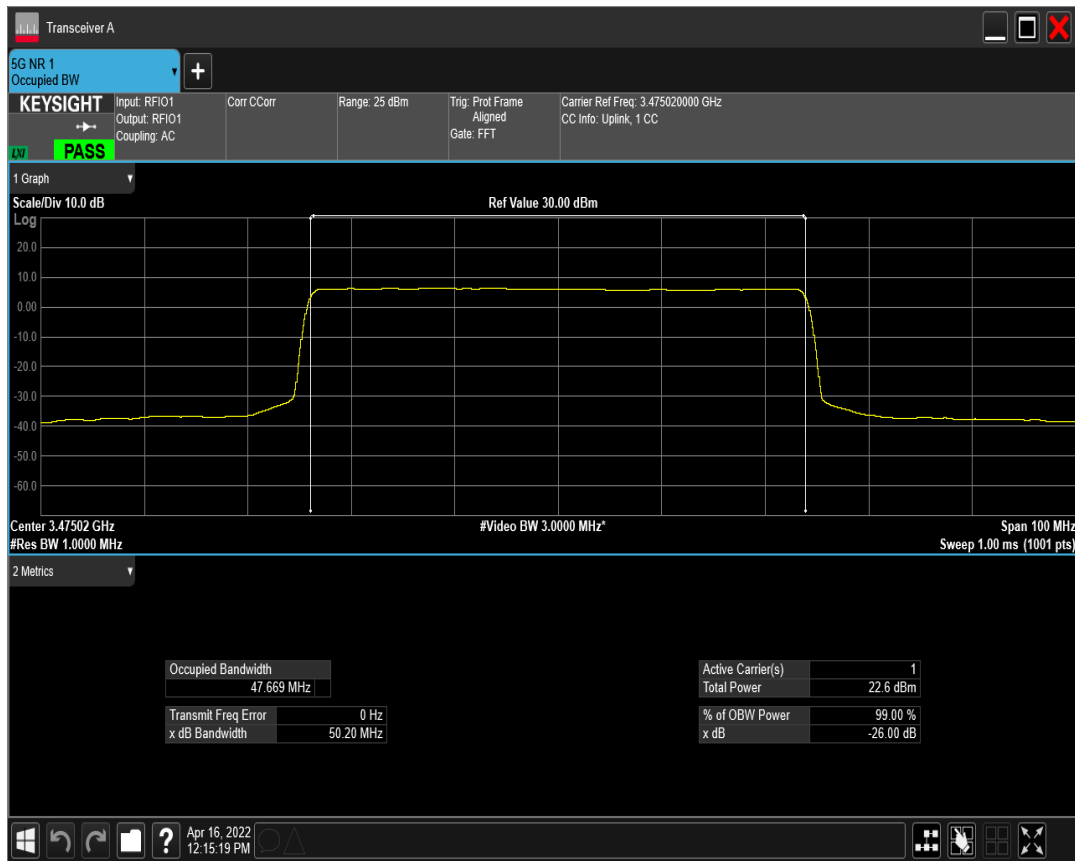
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n78(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=631668 RB=128@0



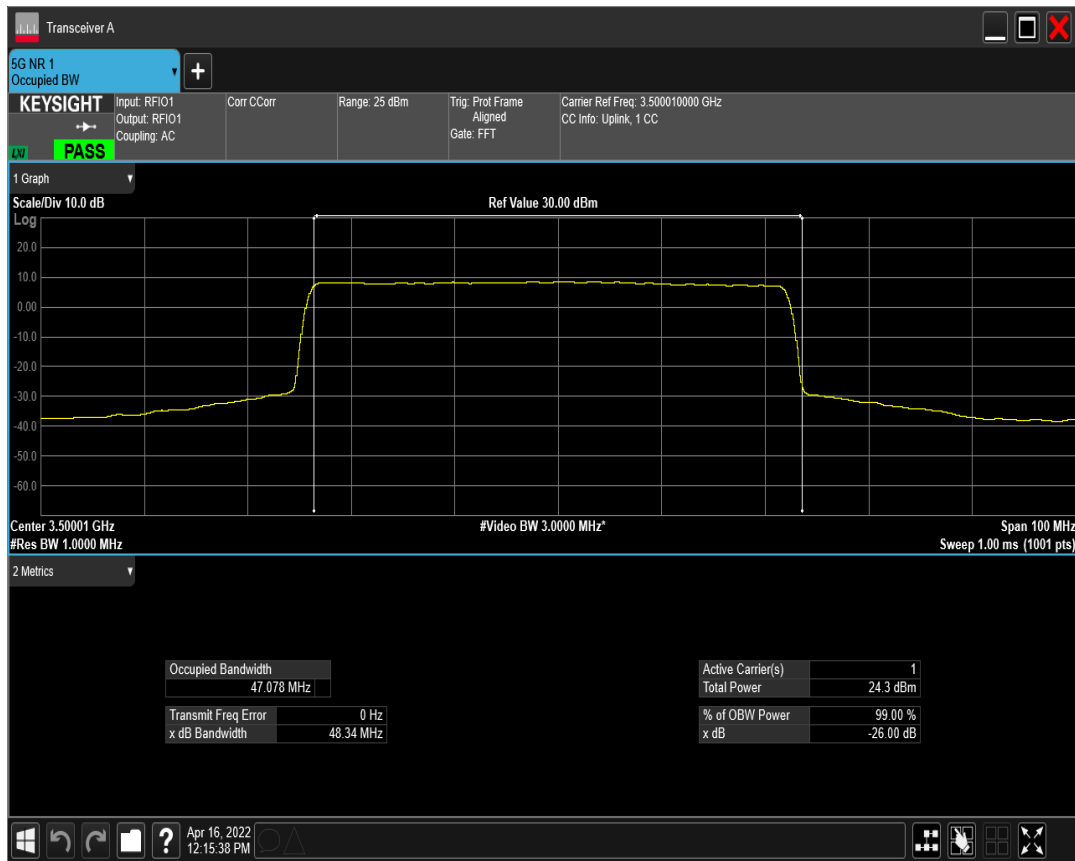
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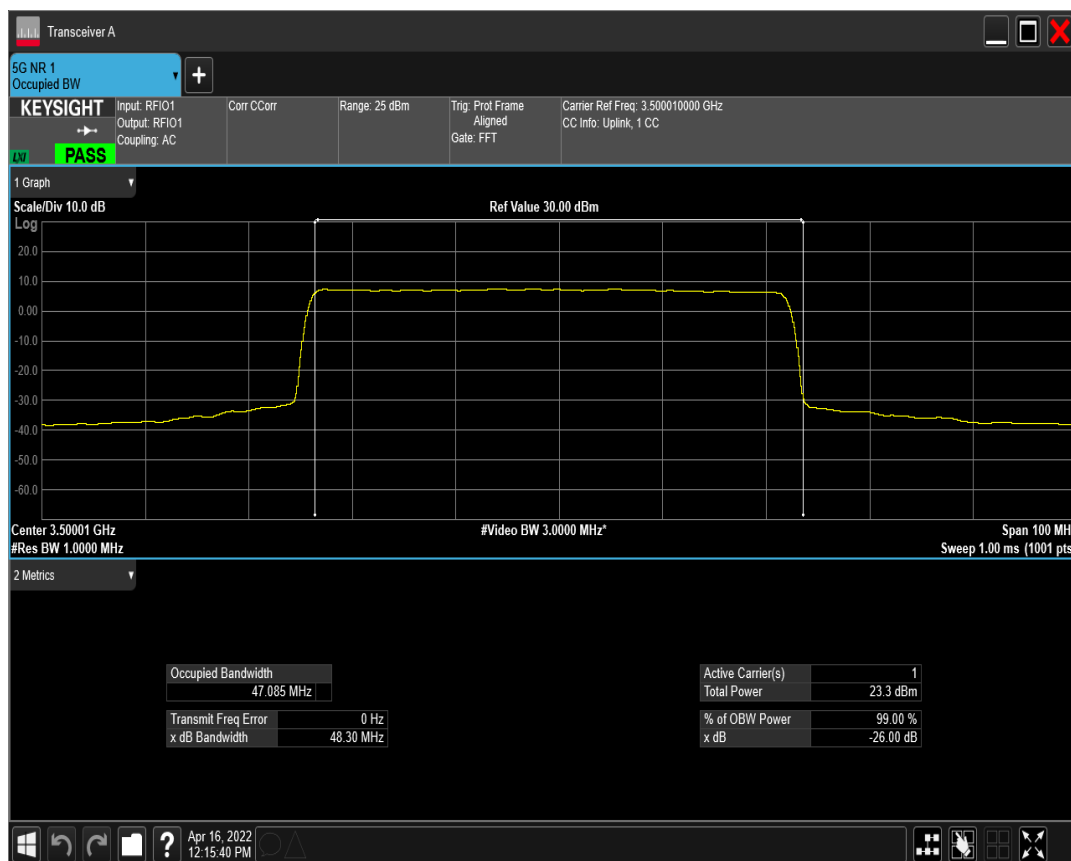
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



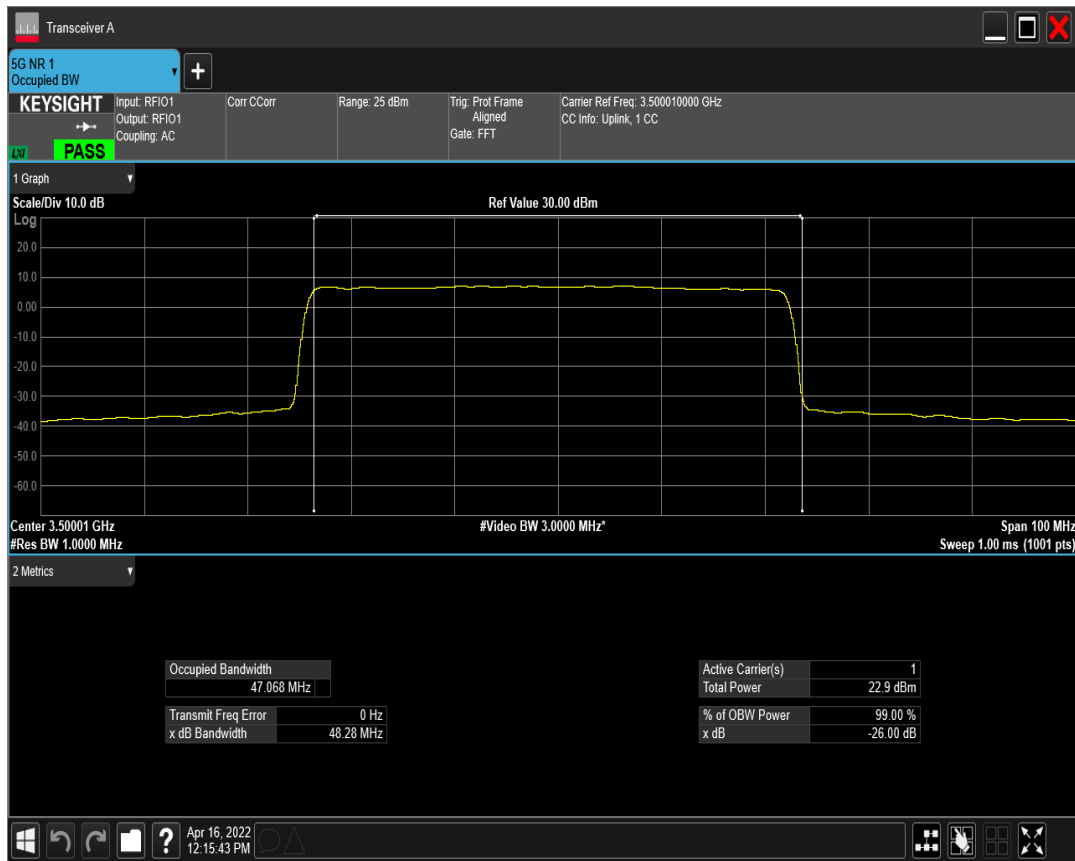
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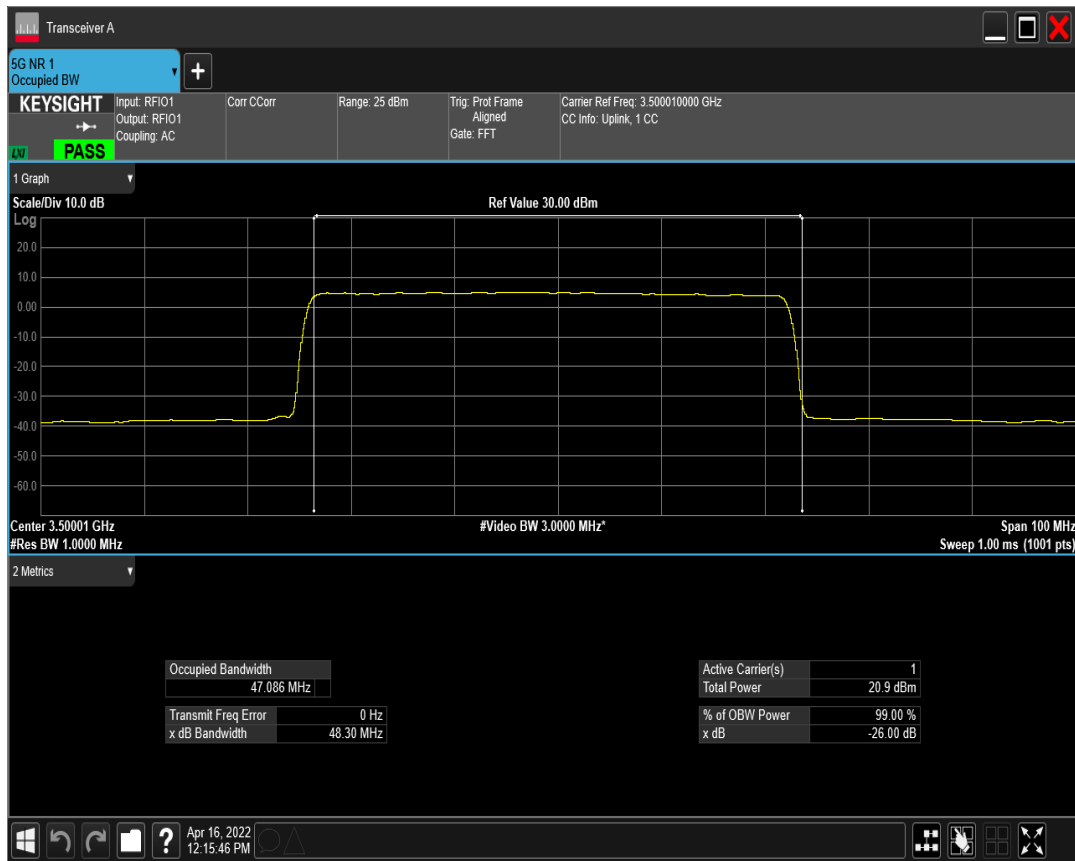
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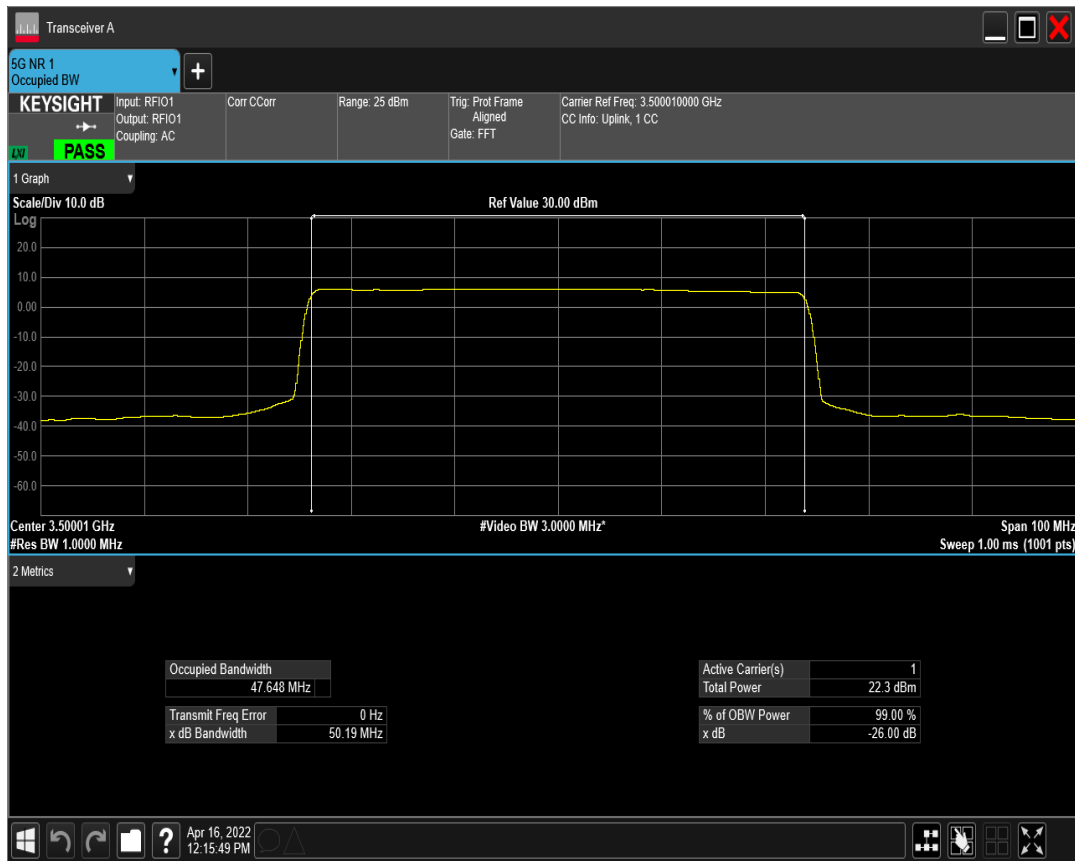
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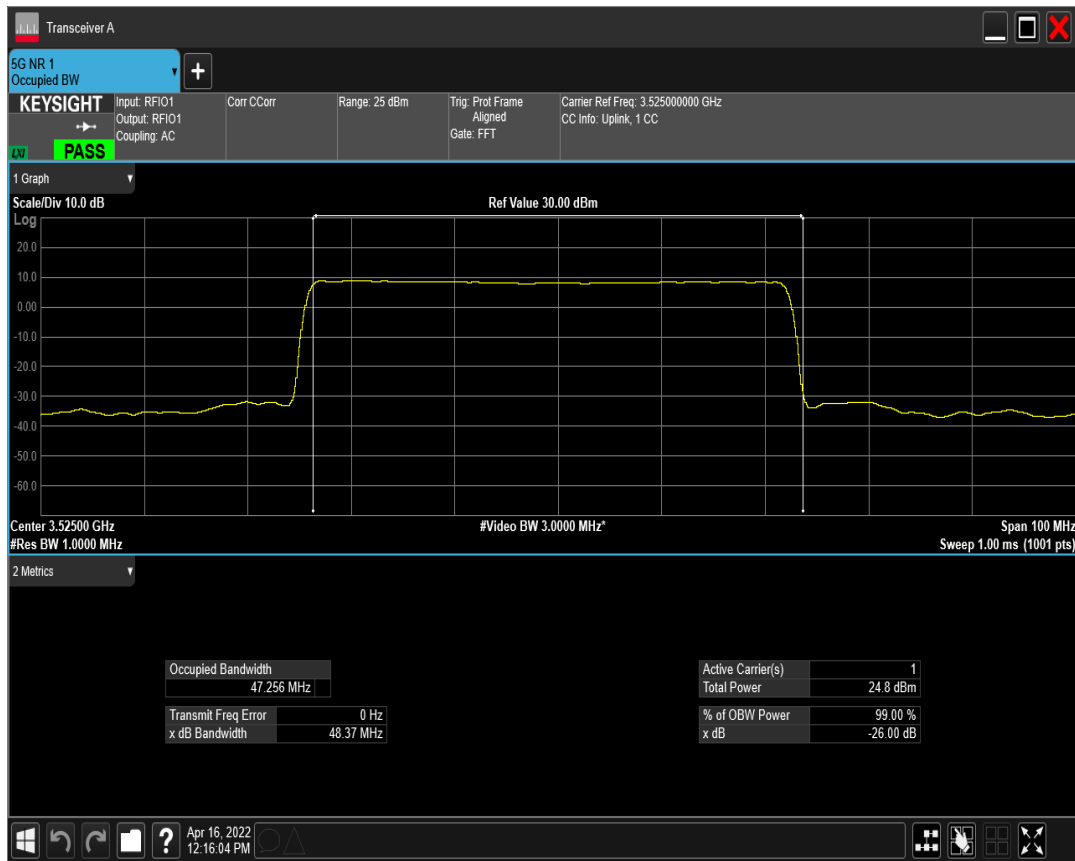
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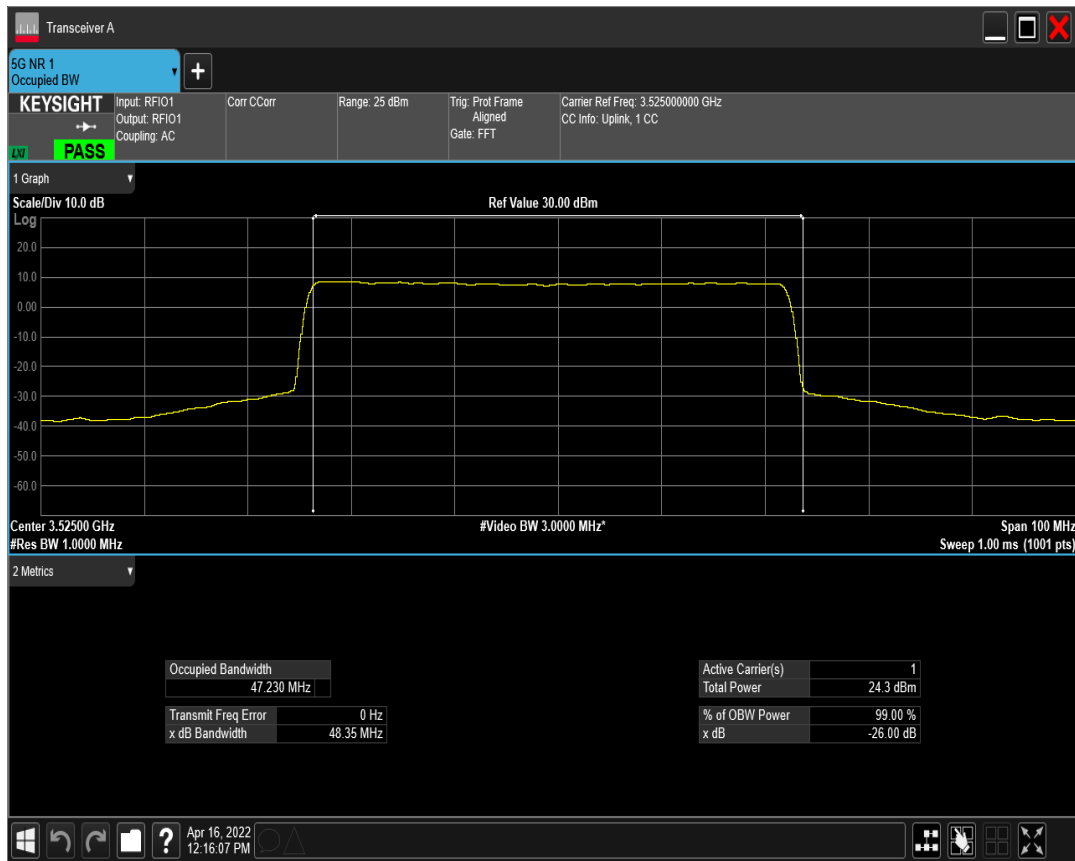
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=633334 RB=133@0



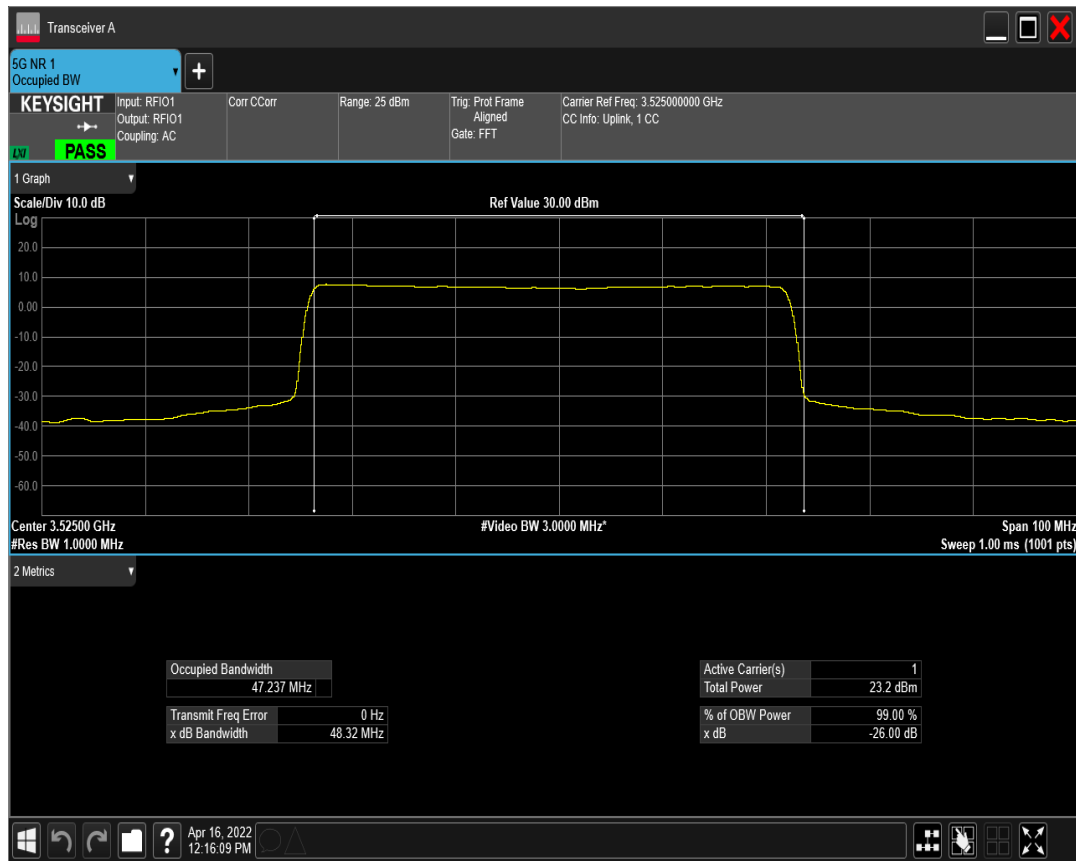
n78(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=635000 RB=128@0



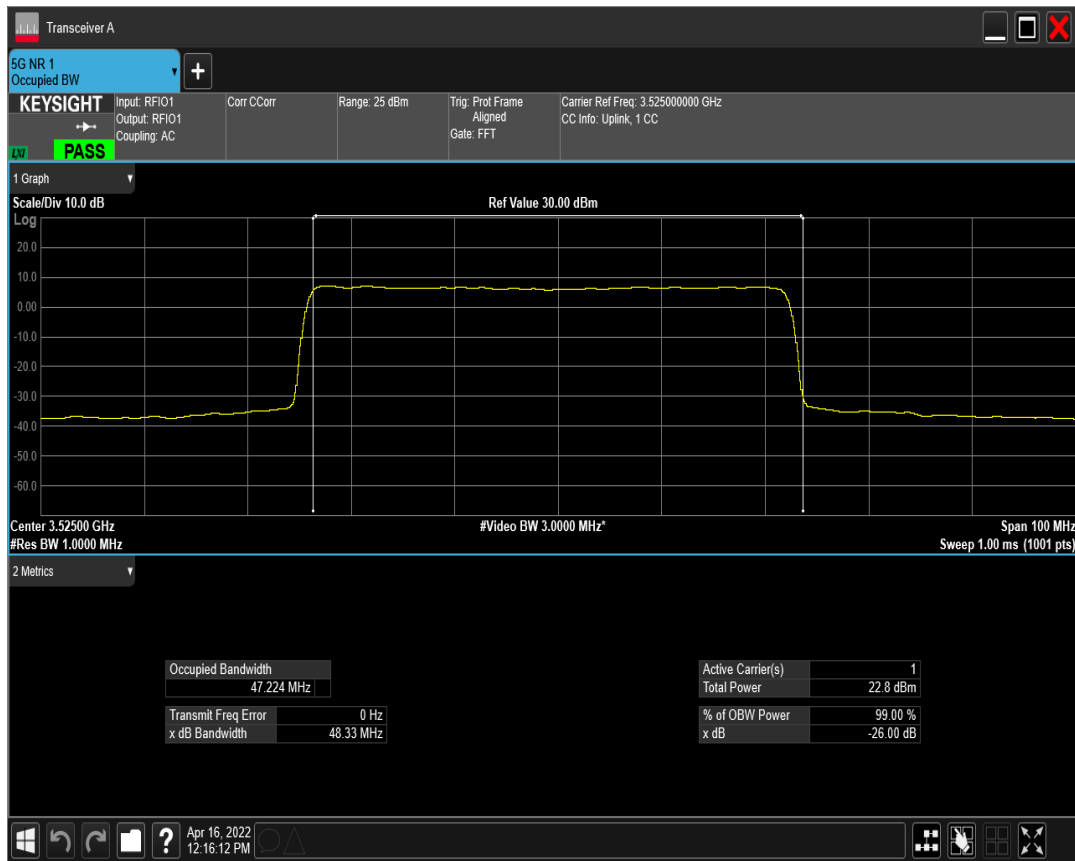
n78(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=635000 RB=128@0



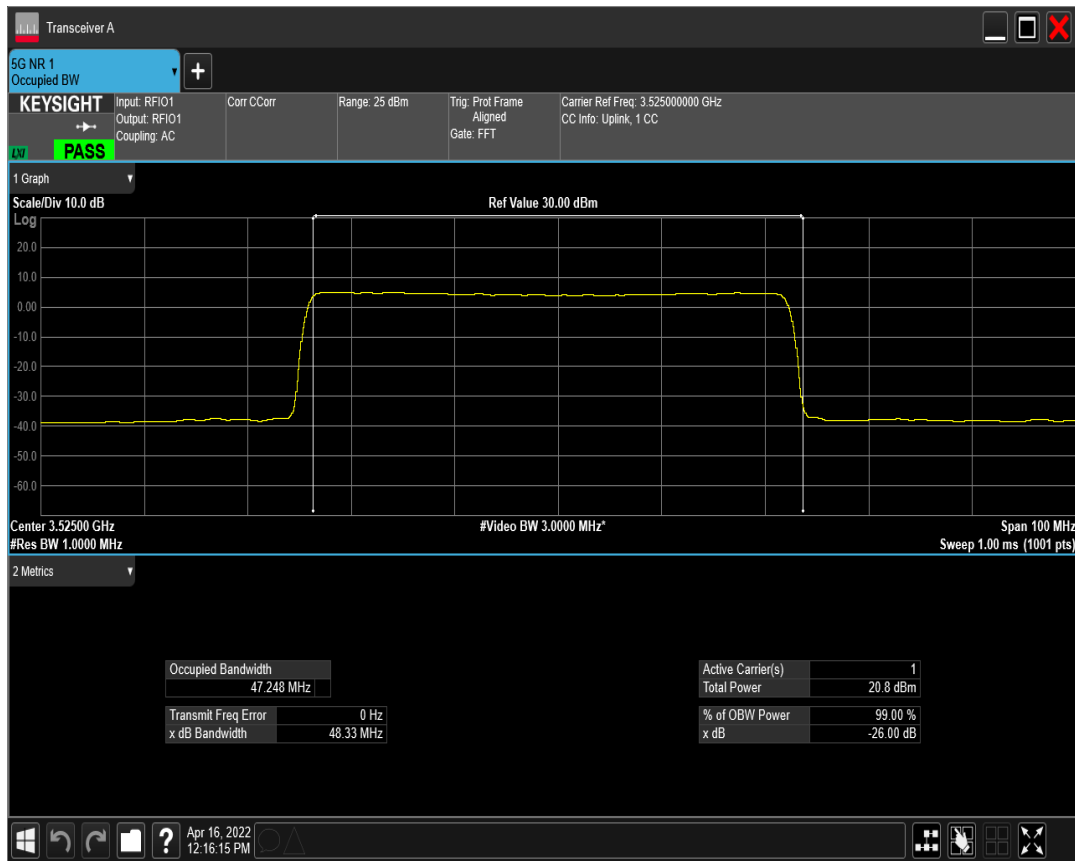
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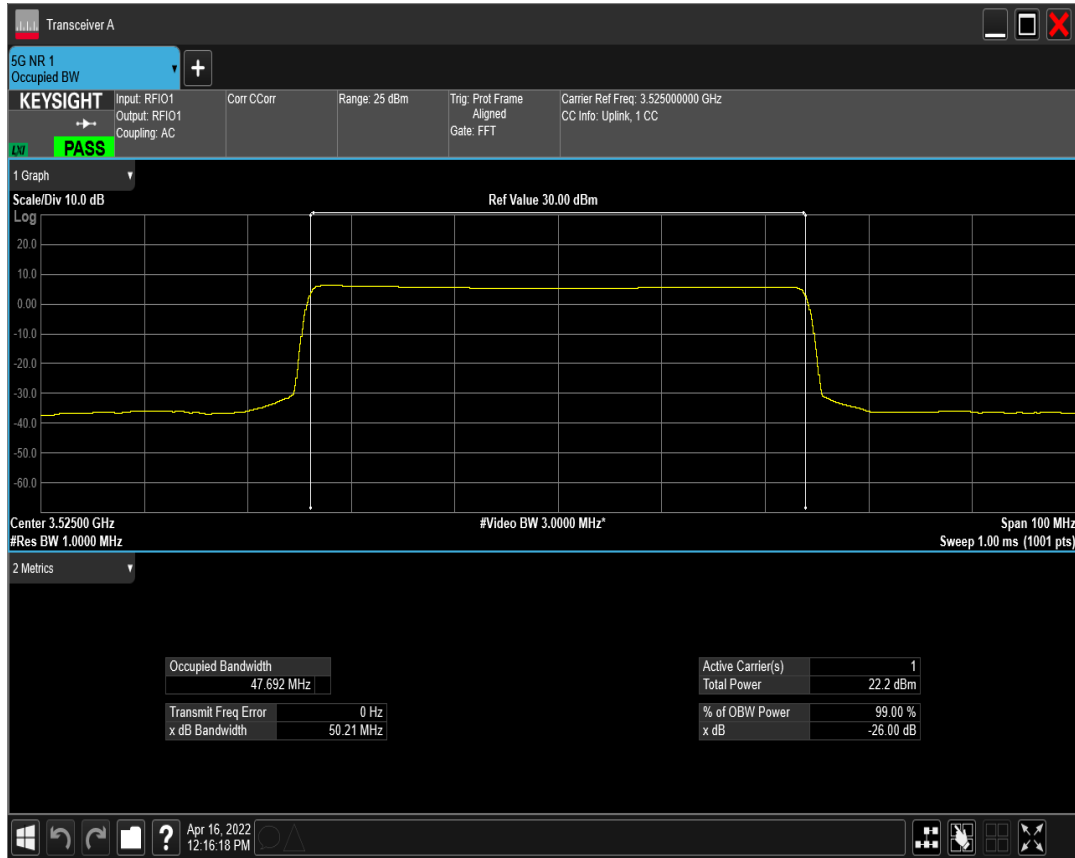
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=635000 RB=128@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=635000 RB=128@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz Channel=635000 RB=133@0



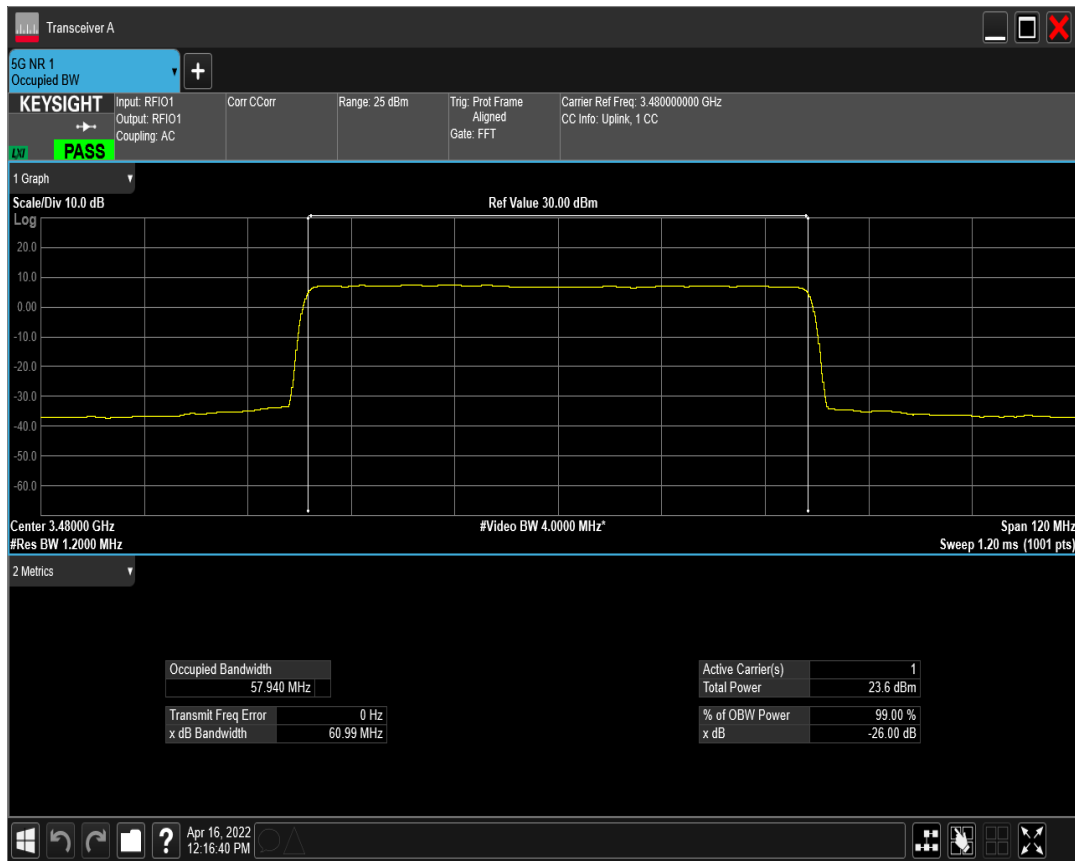
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=632000 RB=162@0



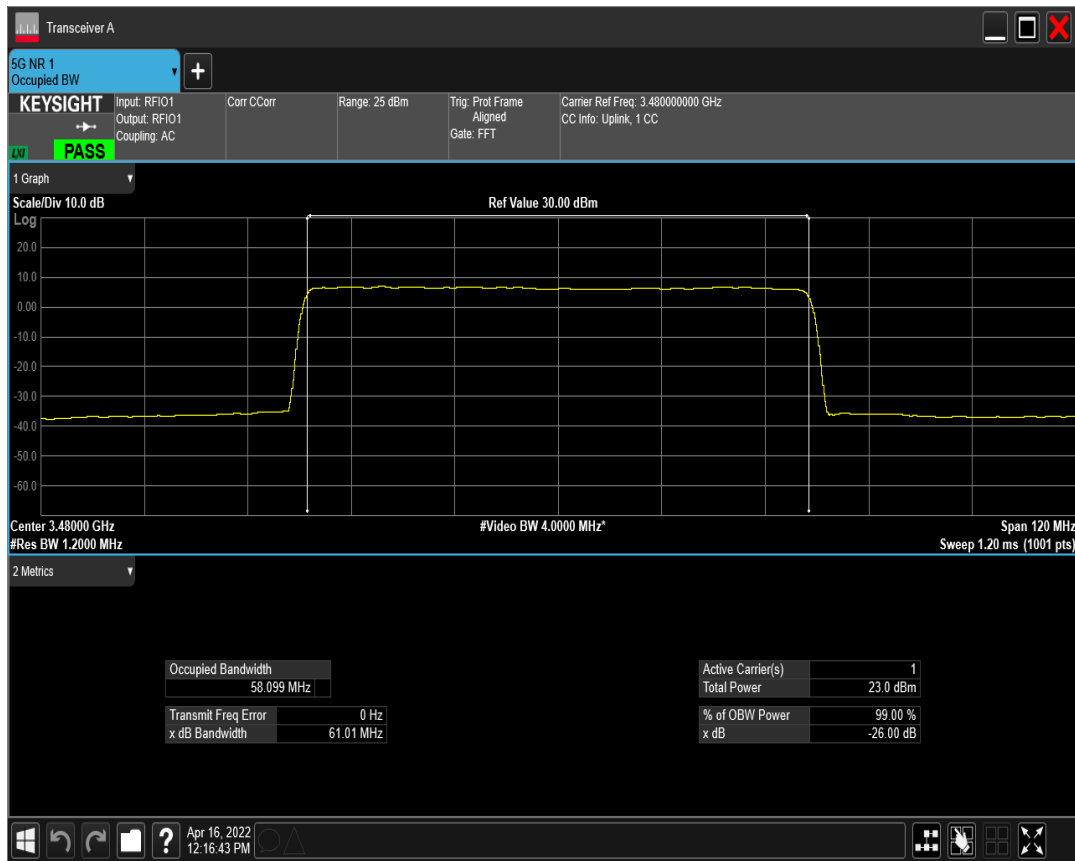
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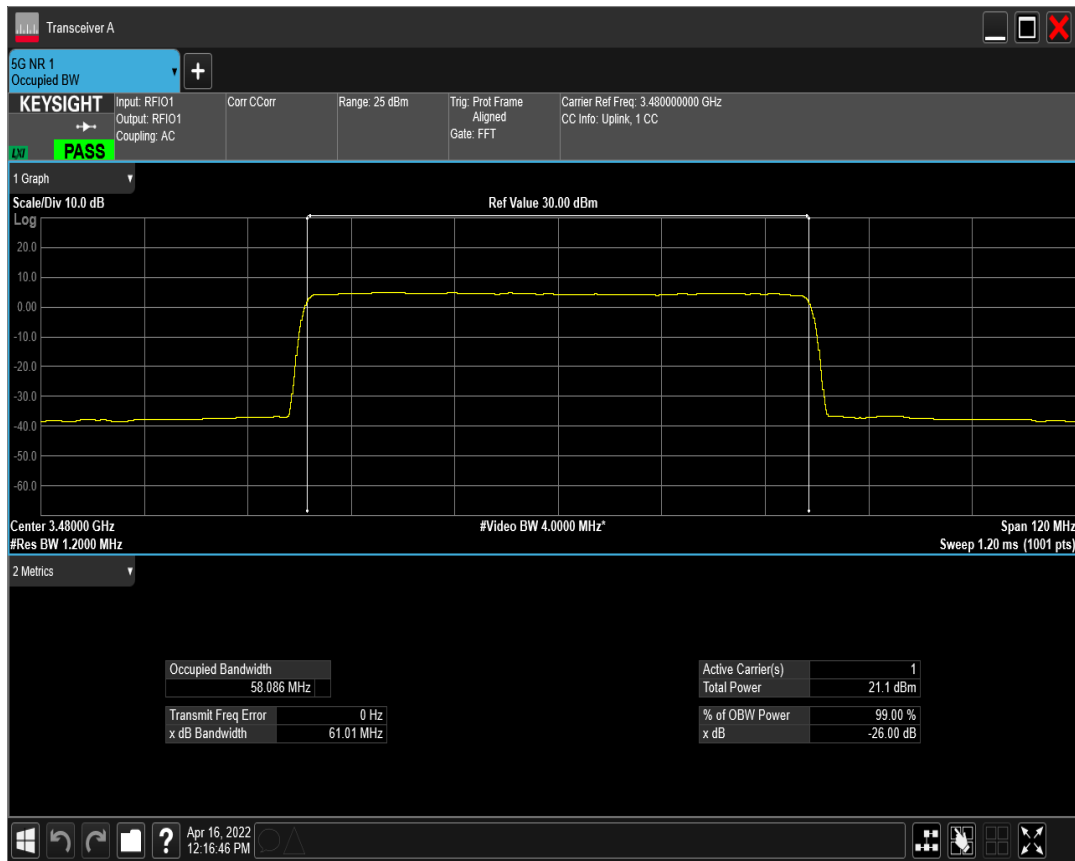
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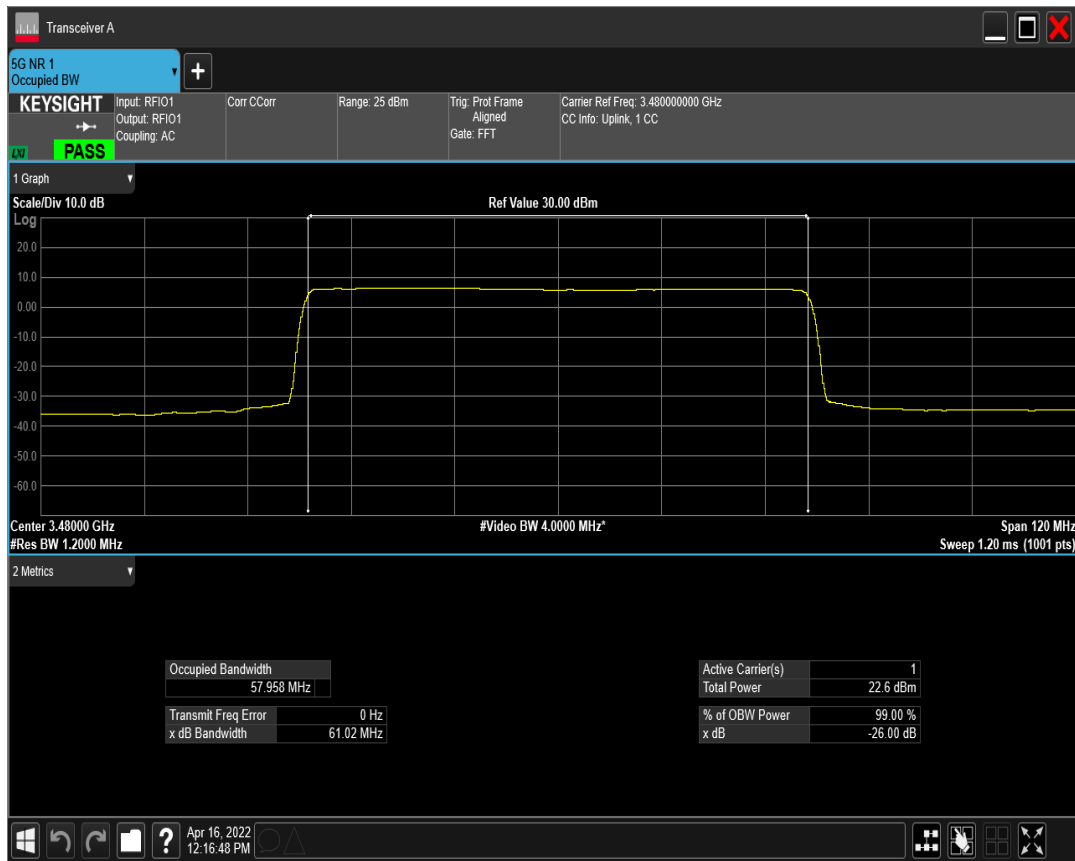
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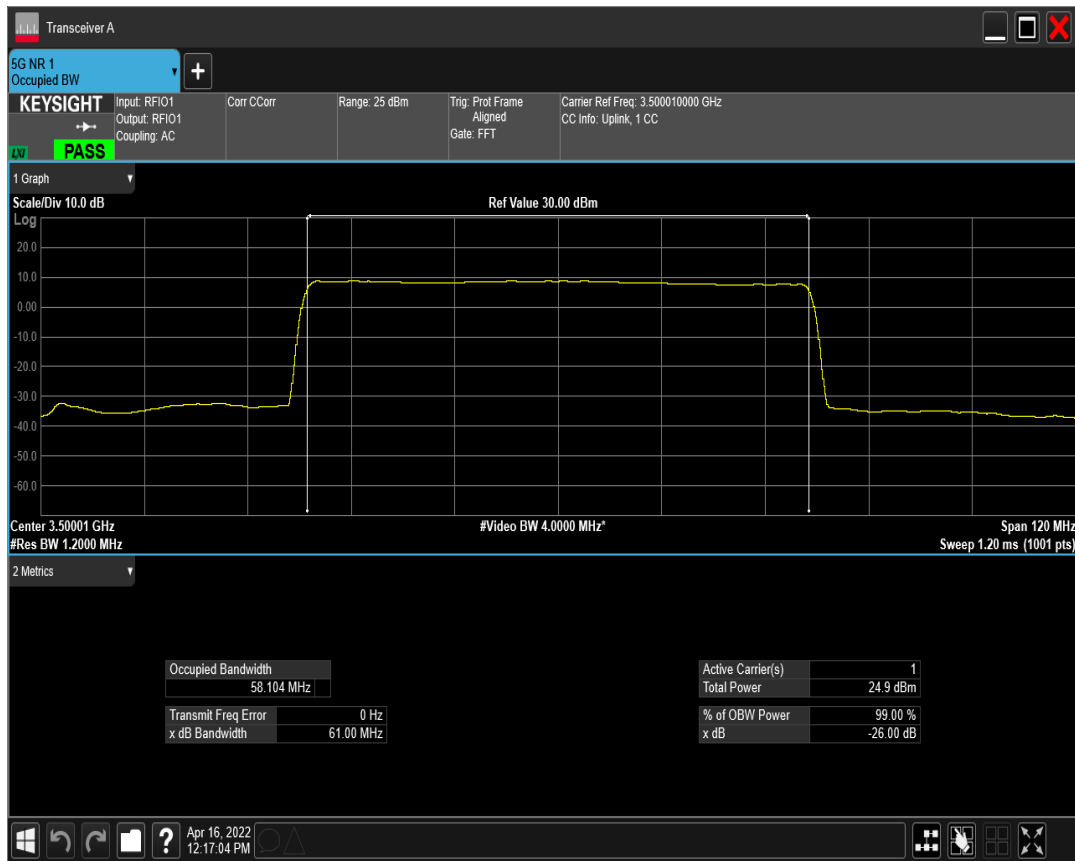
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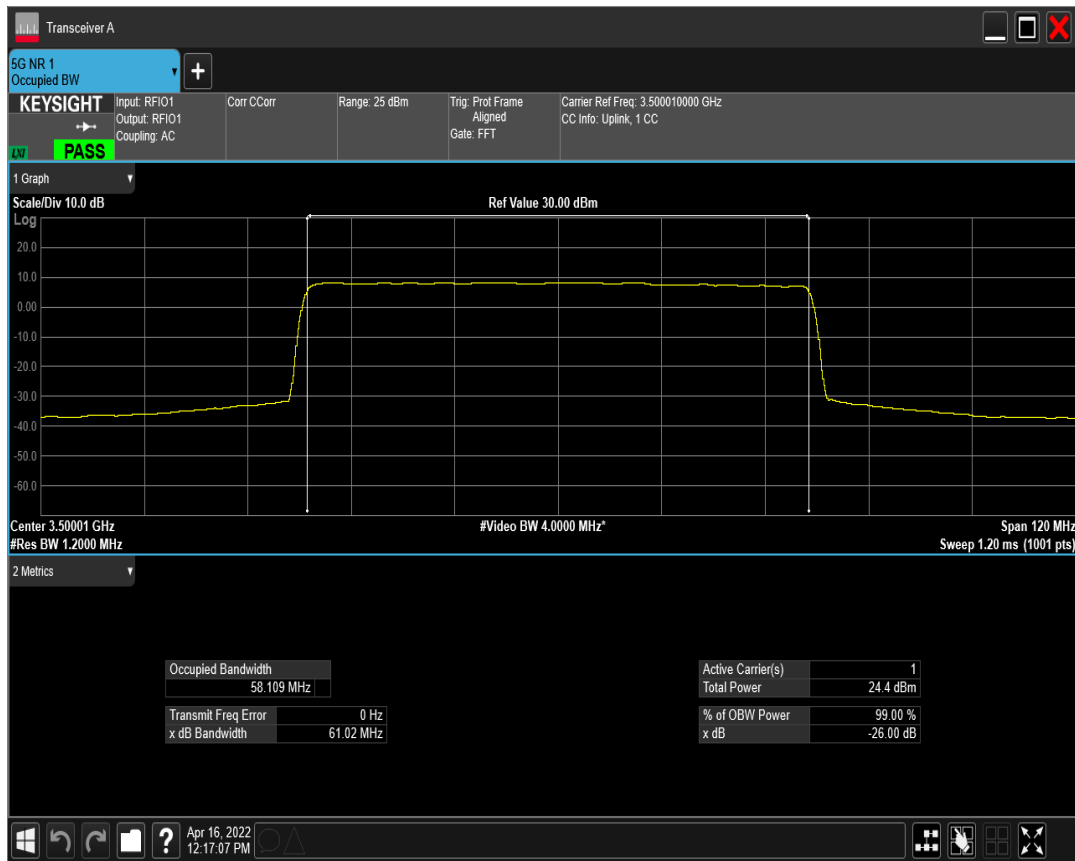
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=632000 RB=162@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



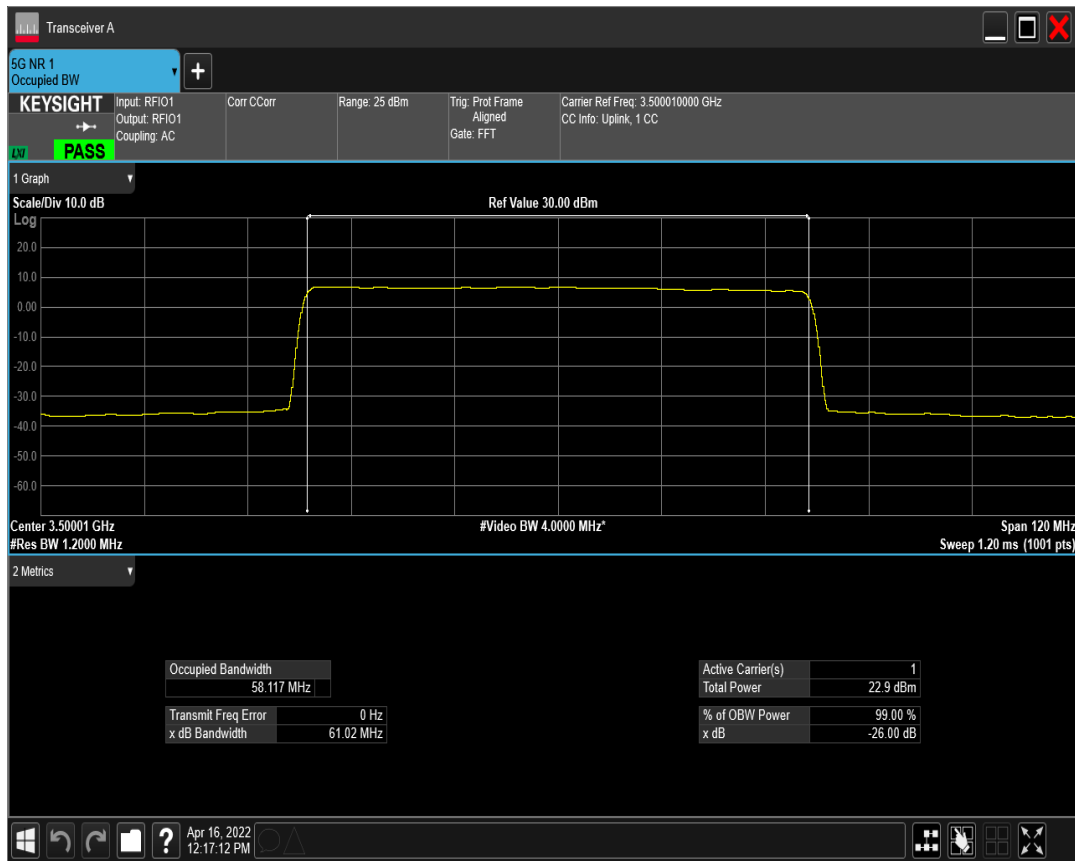
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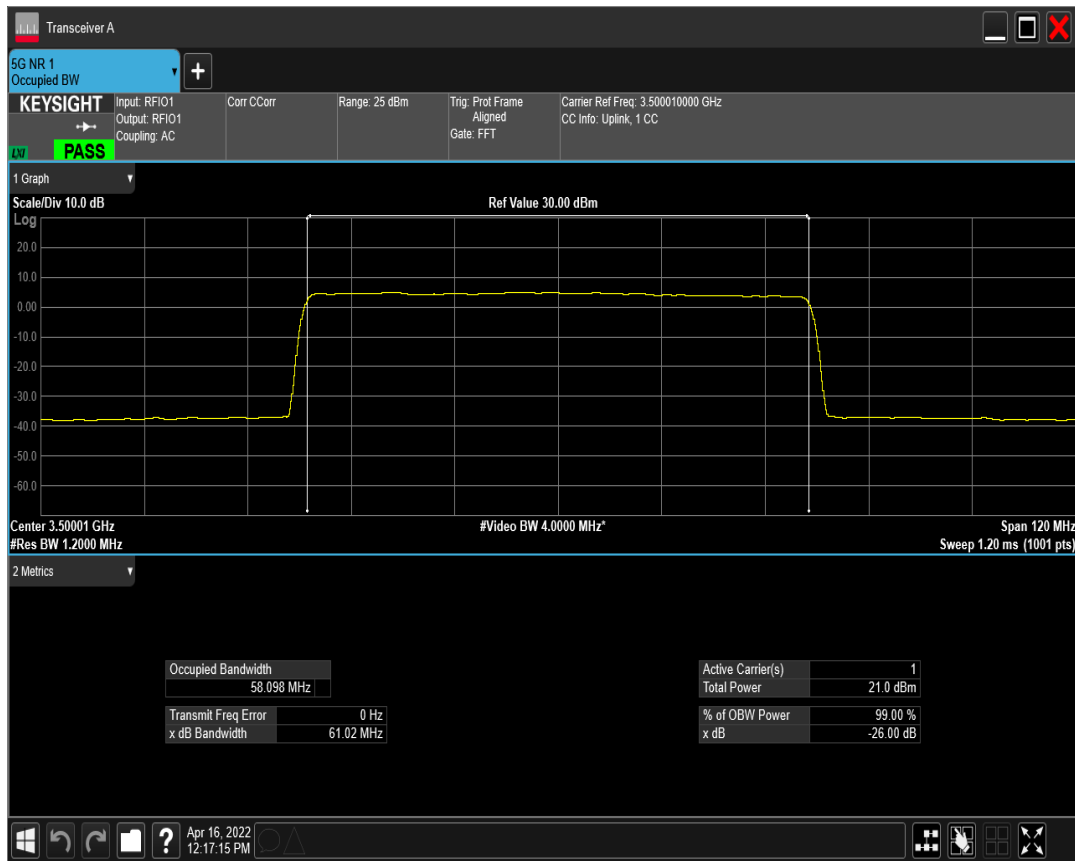
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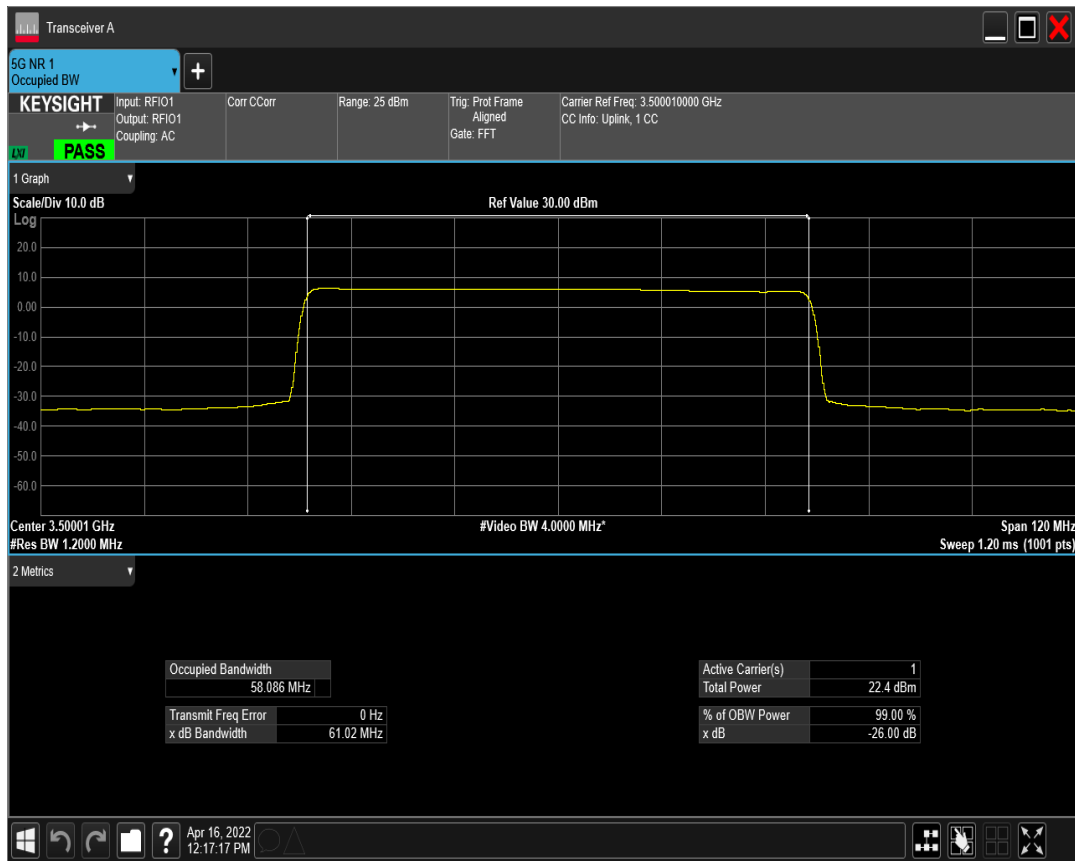
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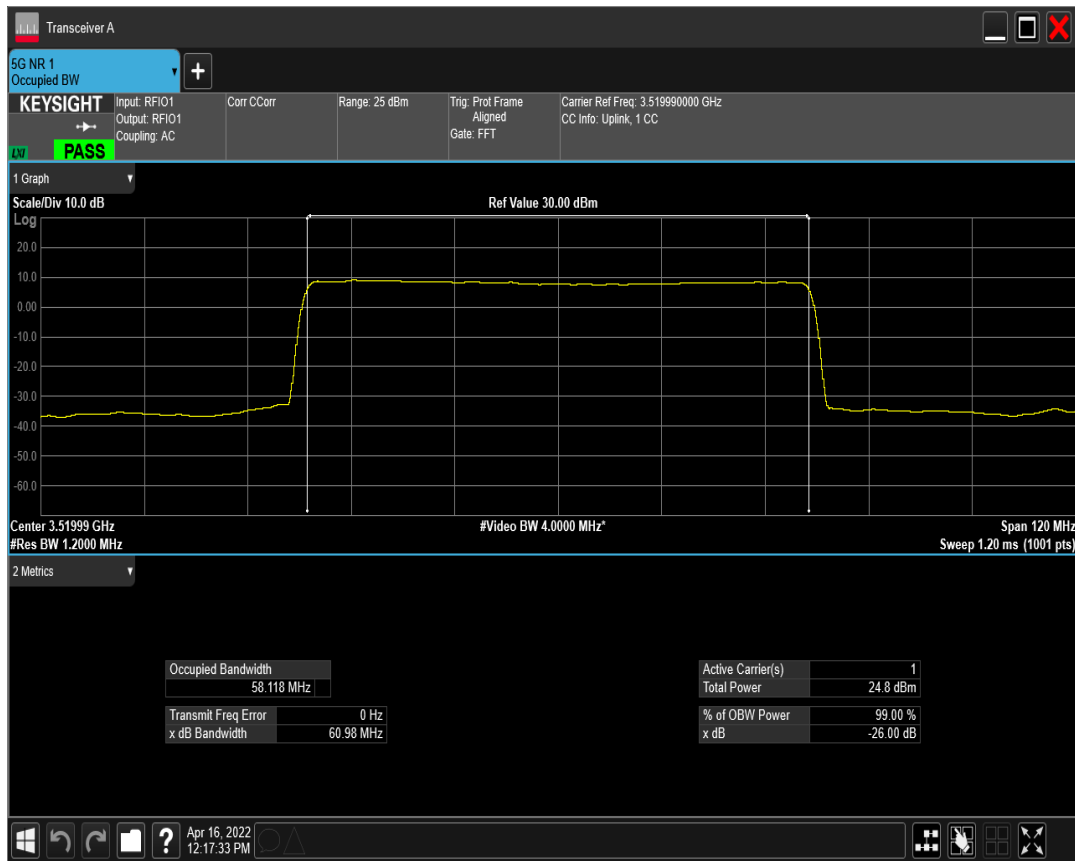
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



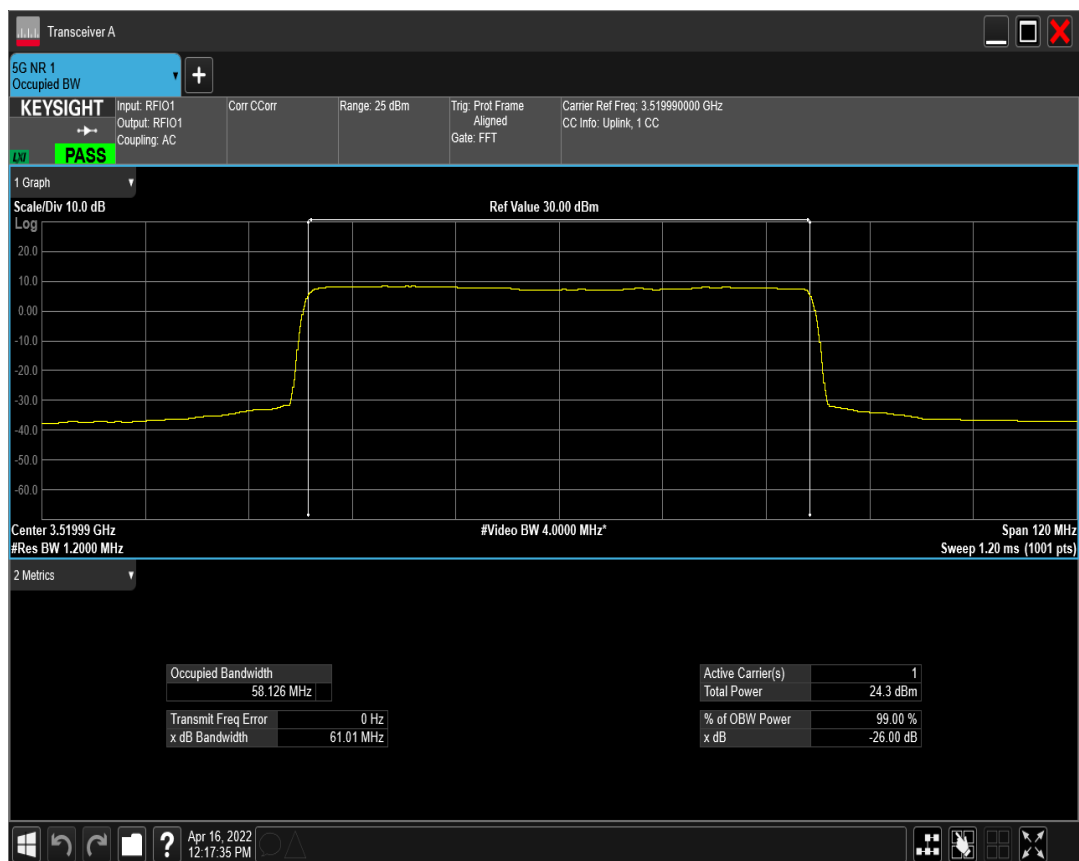
n78(3450-3550) SCS=30kHz CP_QPSK BW=60MHz Channel=633334 RB=162@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=634666 RB=162@0



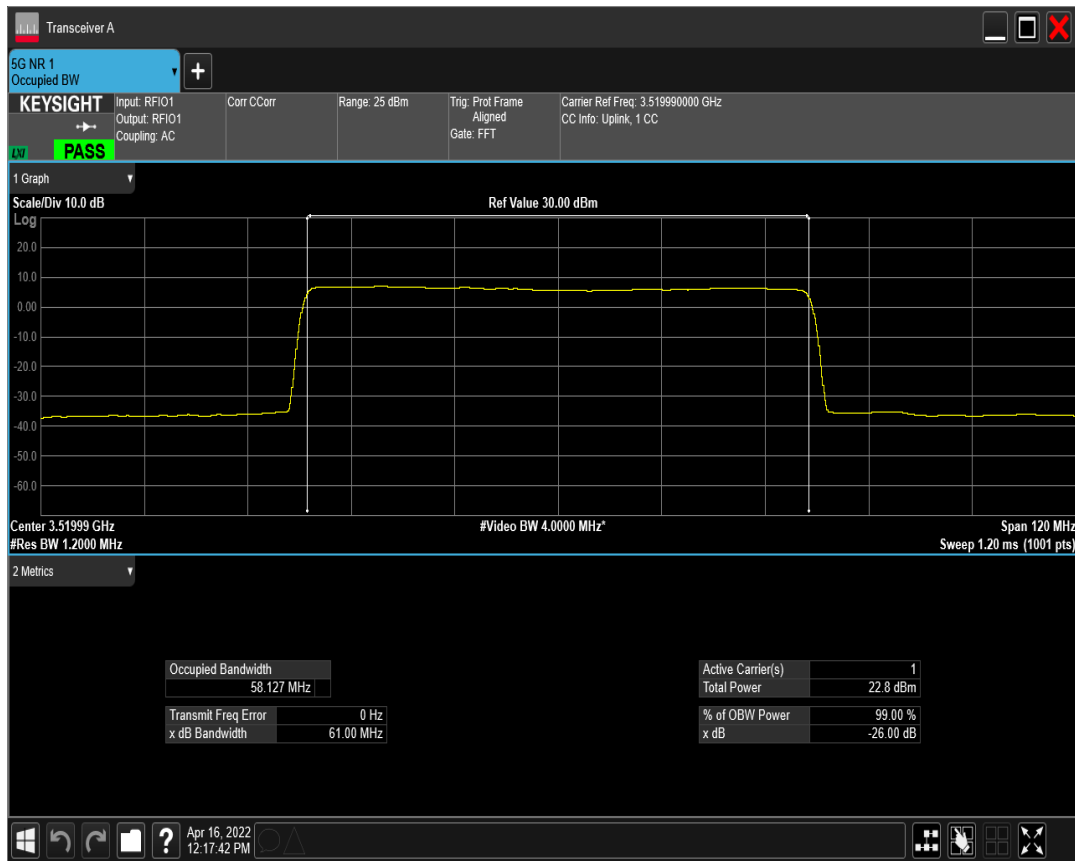
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=634666 RB=162@0



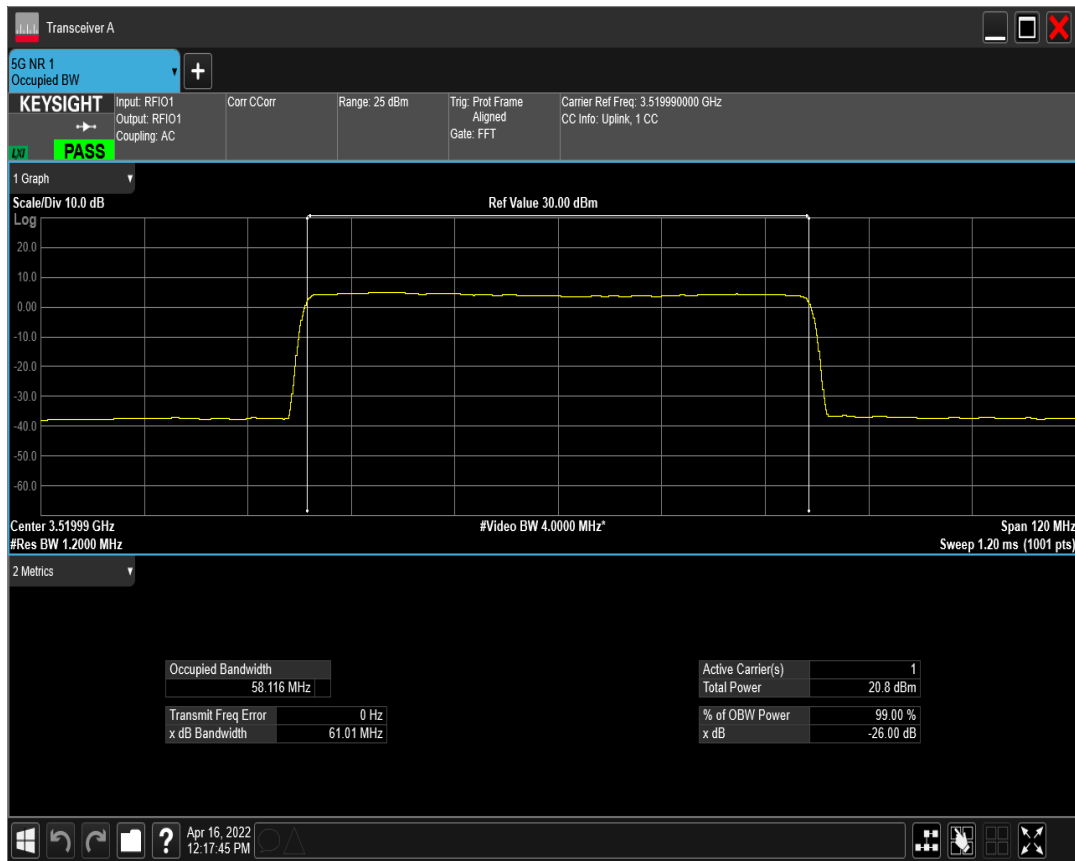
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=634666 RB=162@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=634666 RB=162@0



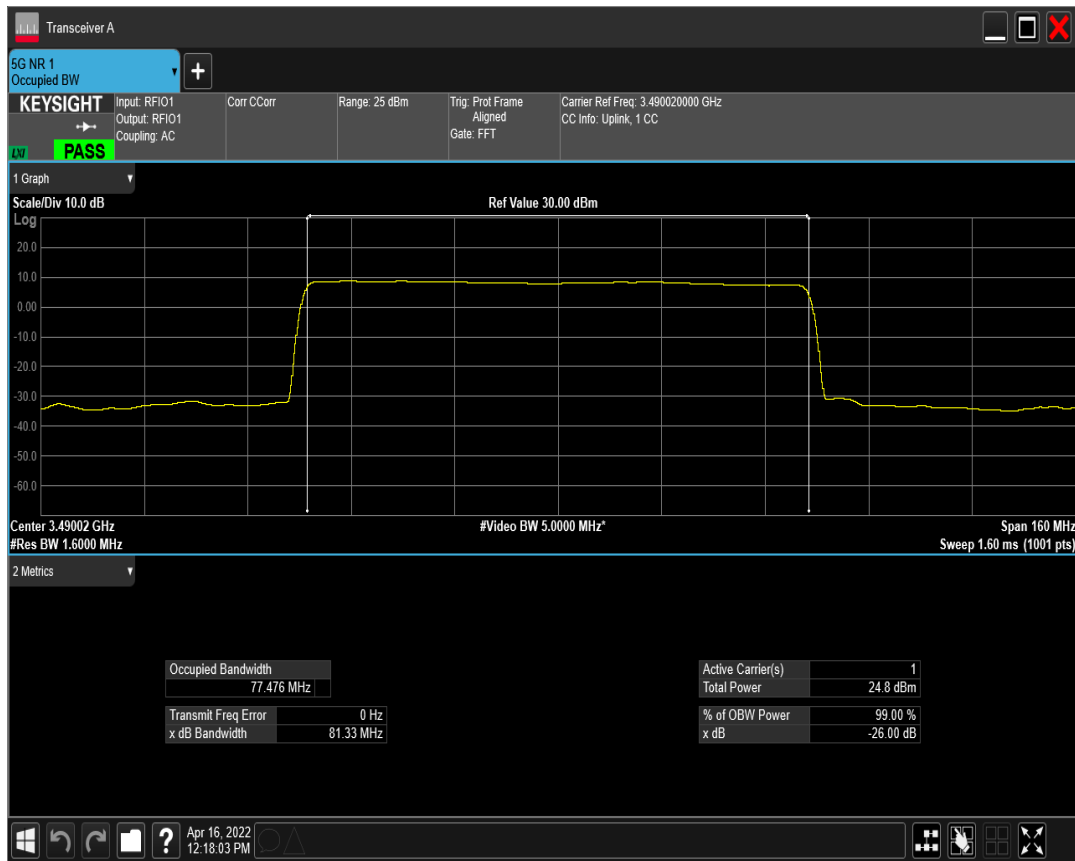
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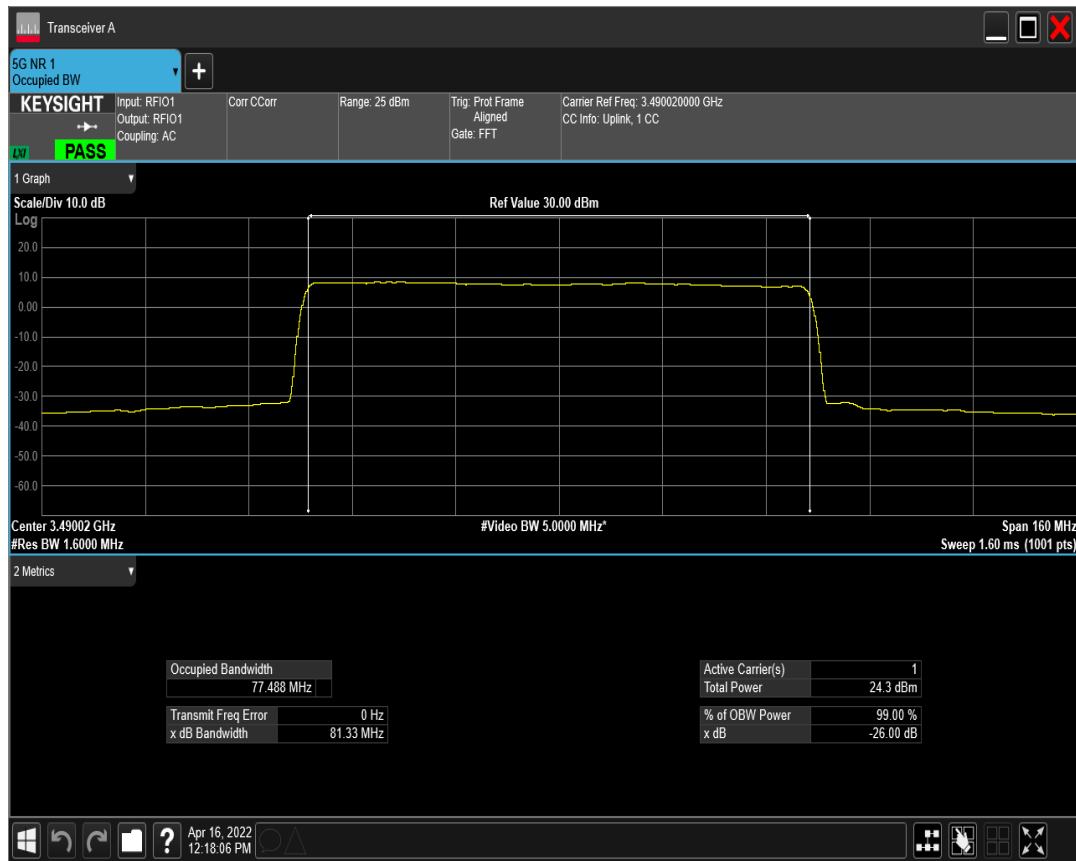
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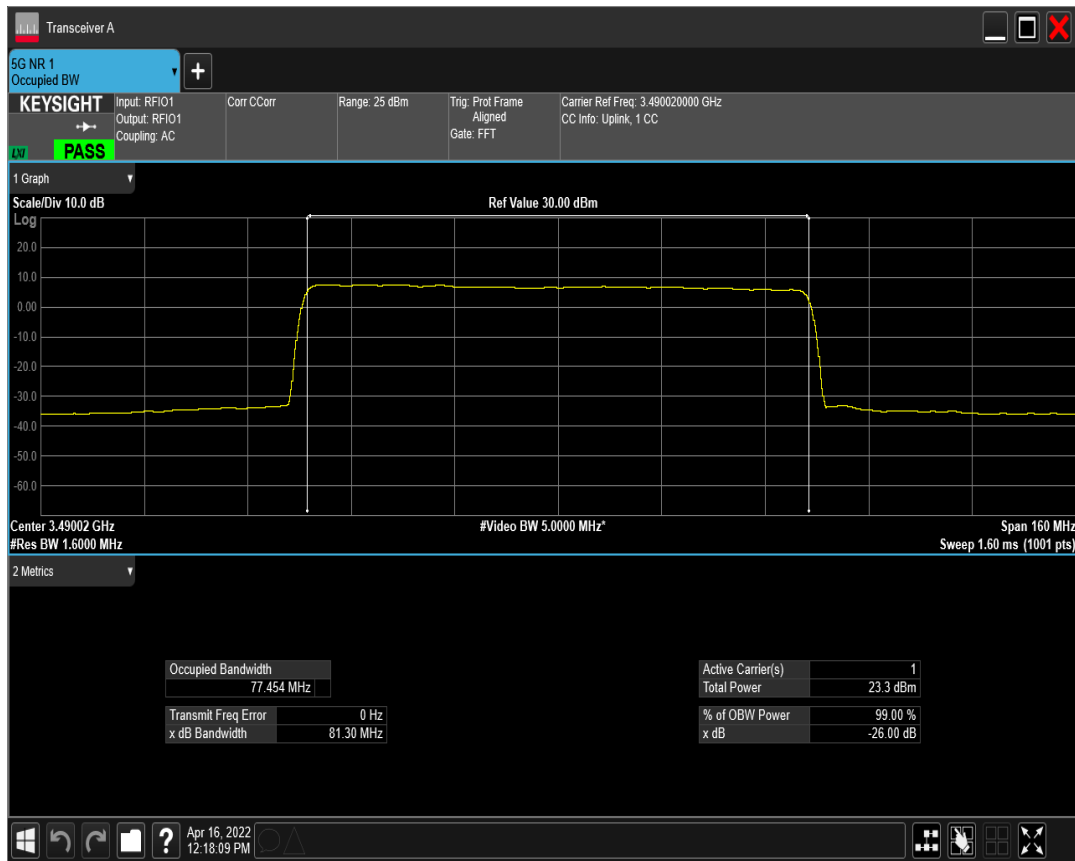
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=632668 RB=216@0



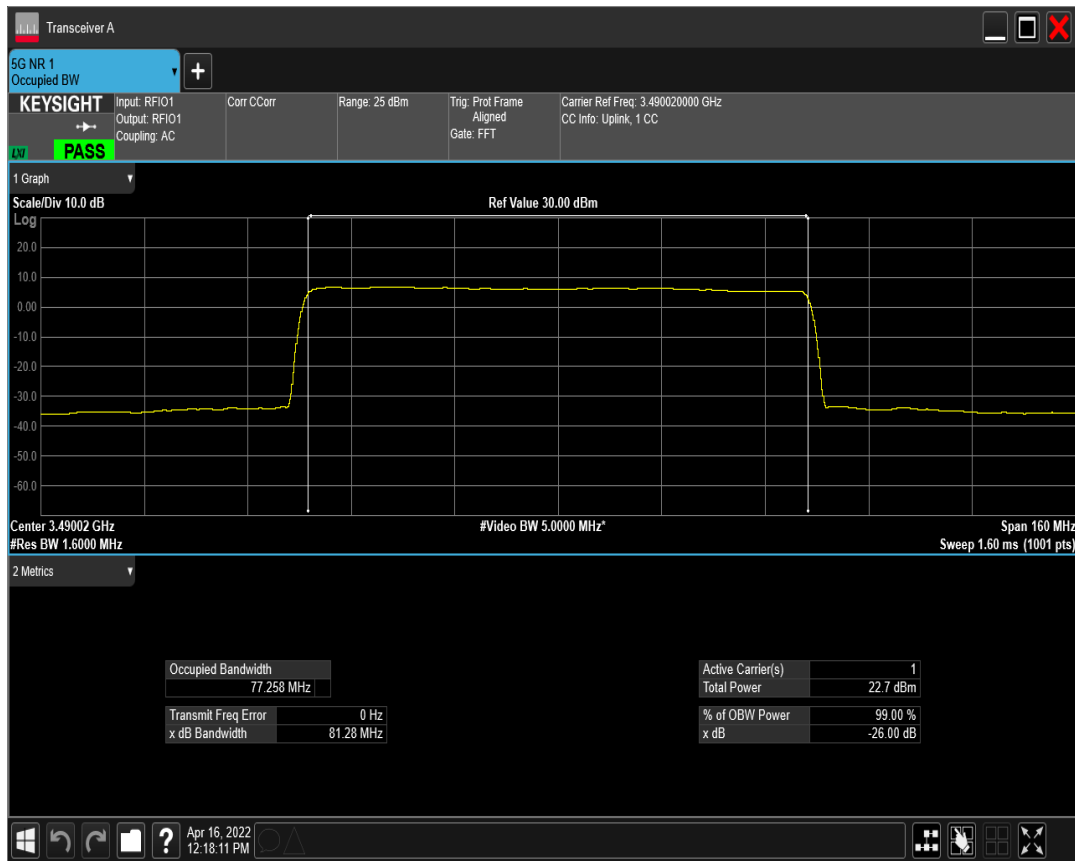
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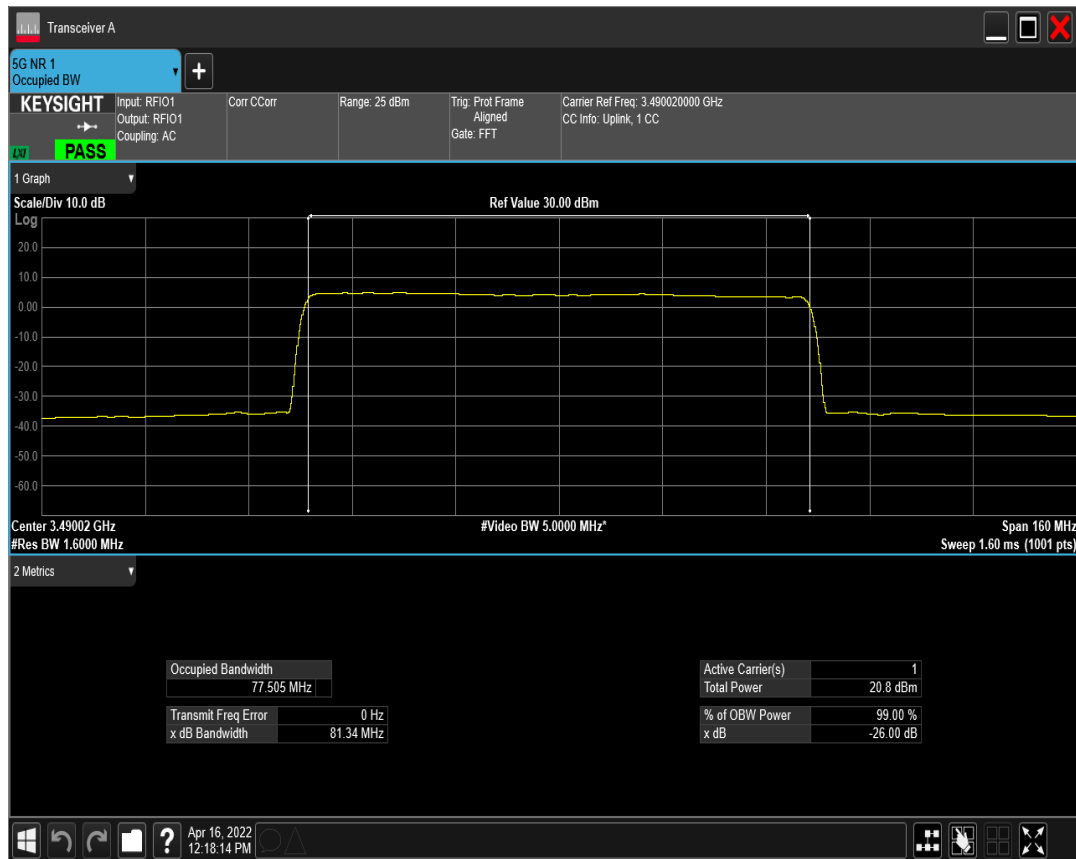
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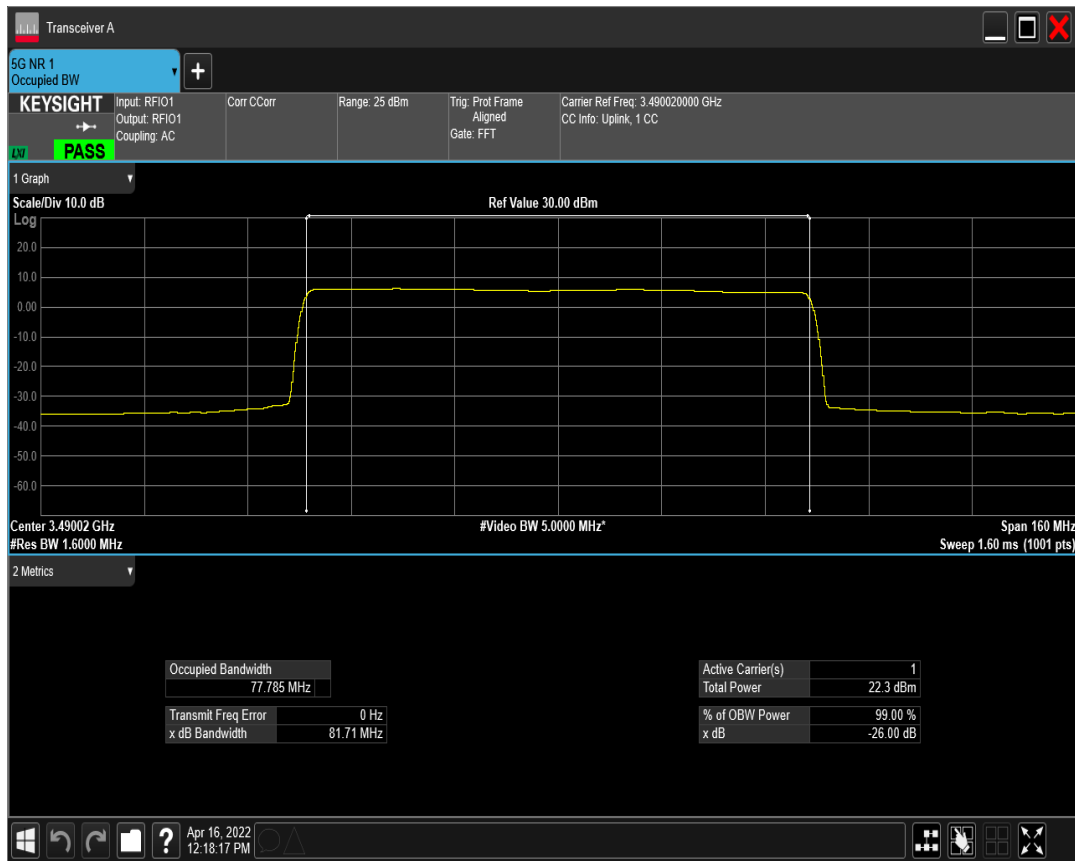
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=632668 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=632668 RB=216@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz Channel=632668 RB=217@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



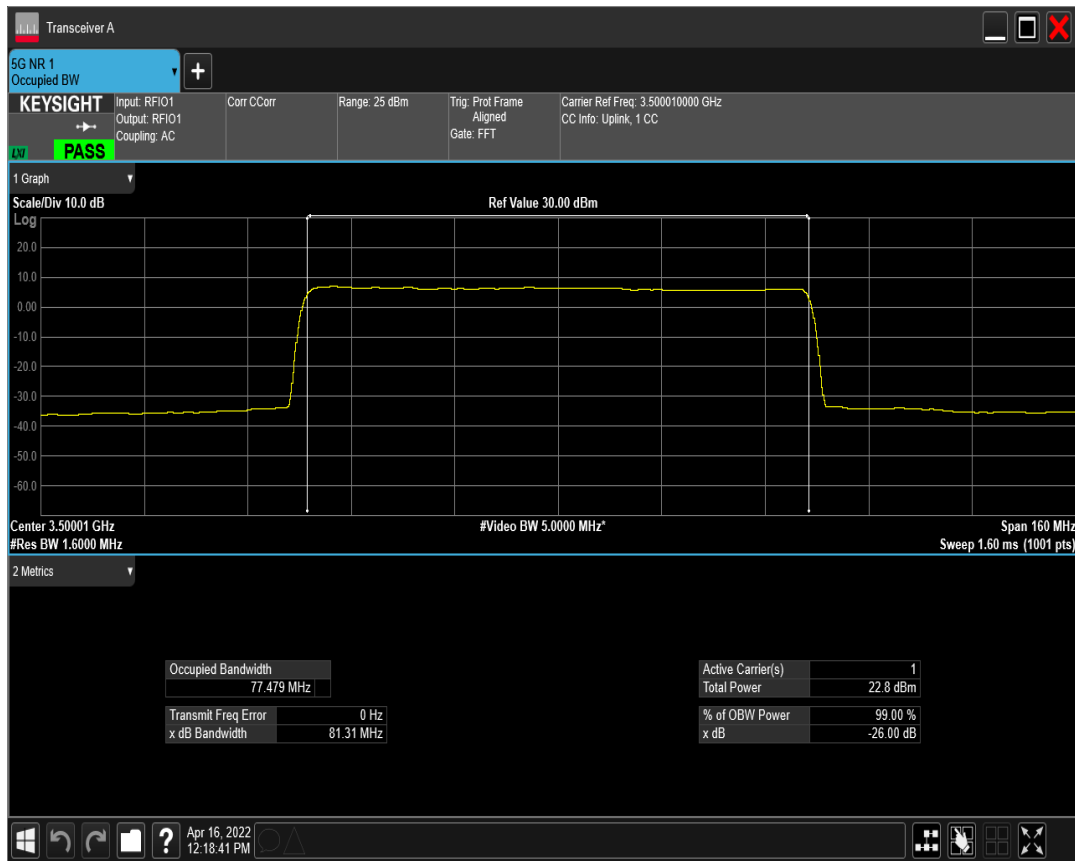
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



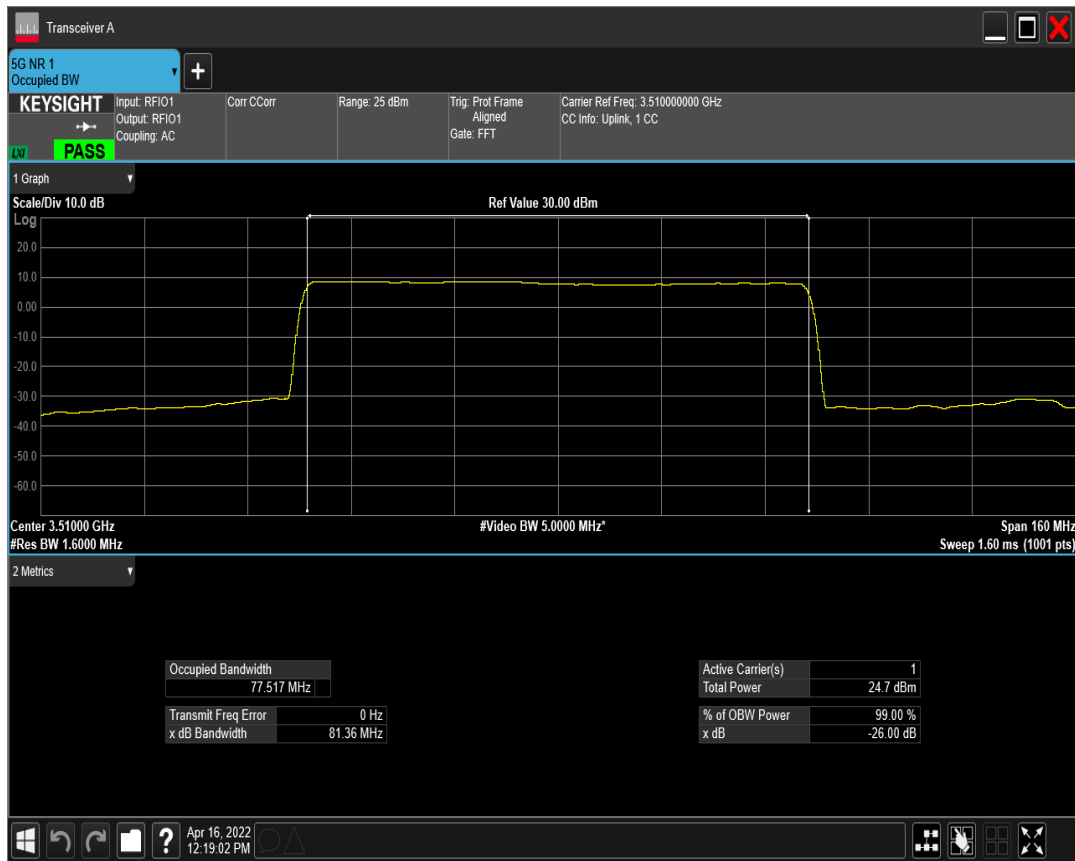
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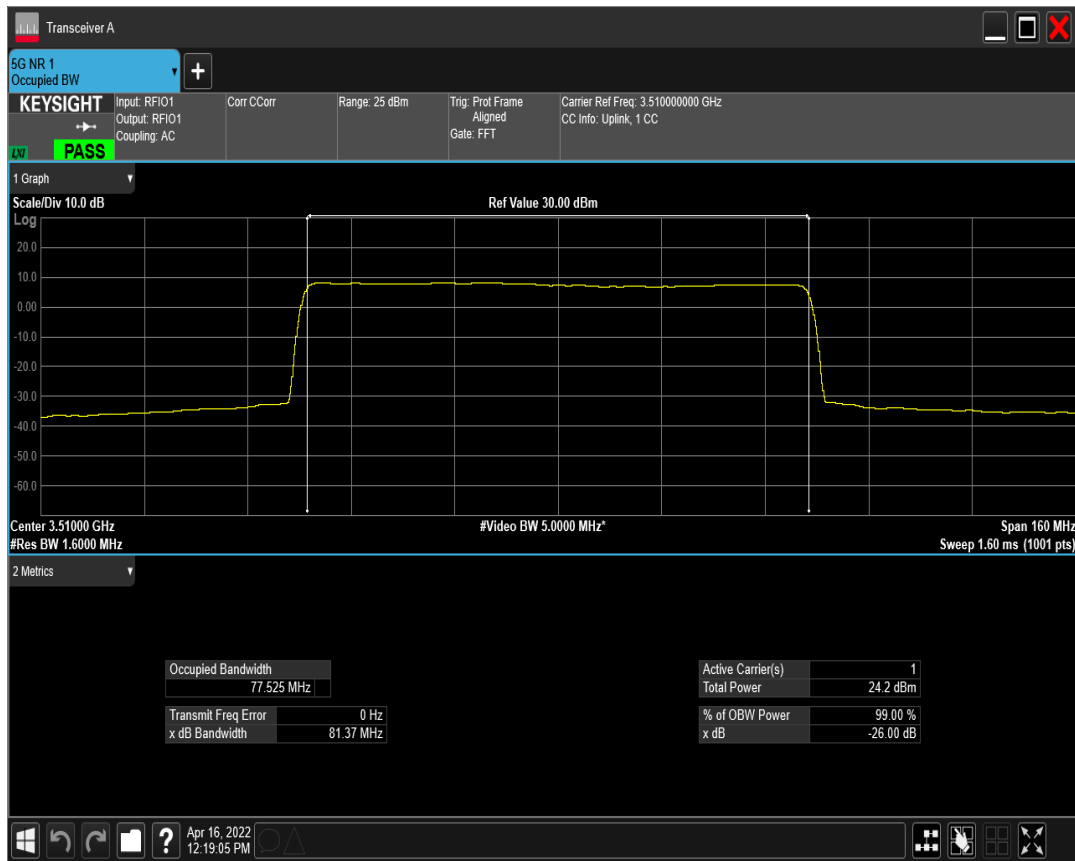
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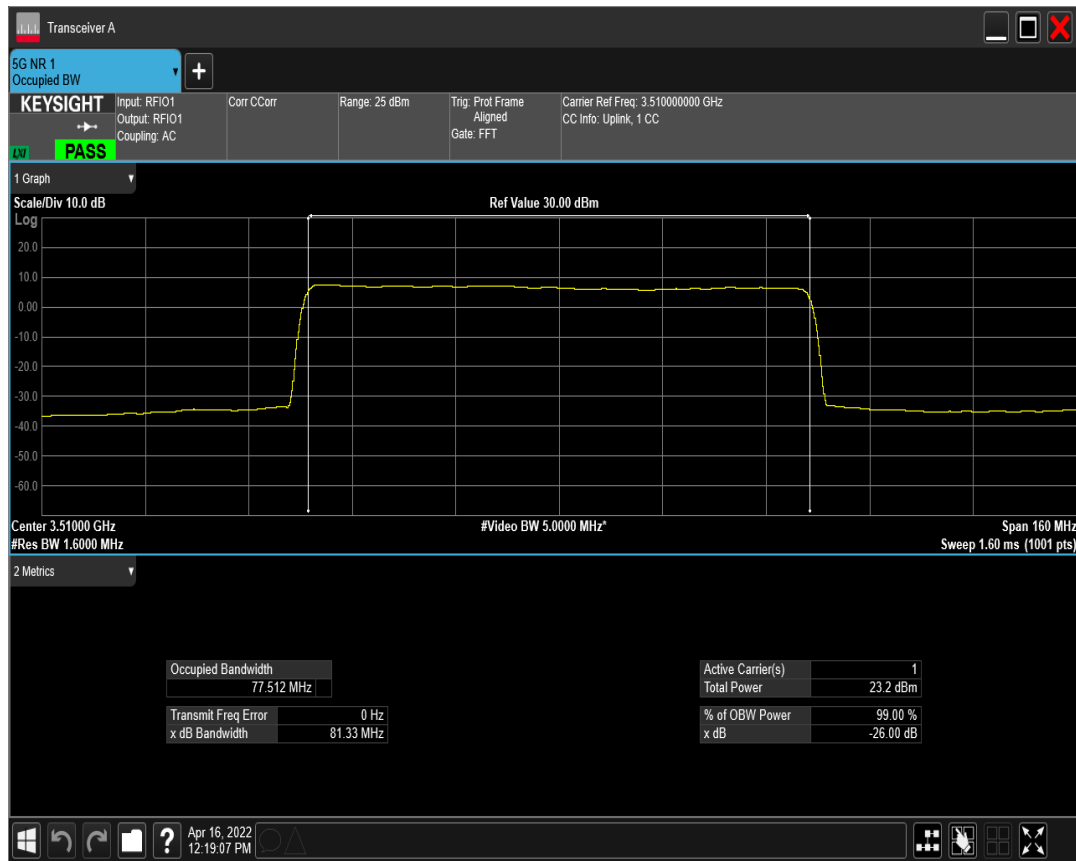
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=634000 RB=216@0



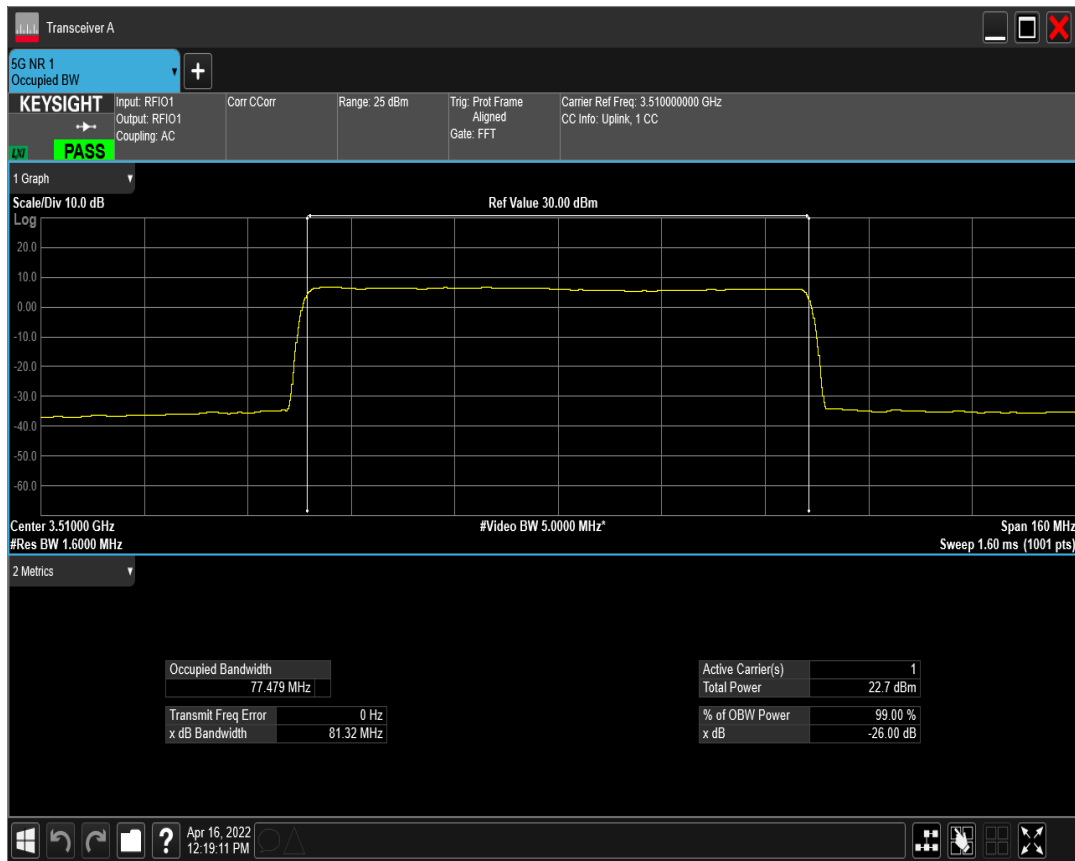
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=634000 RB=216@0



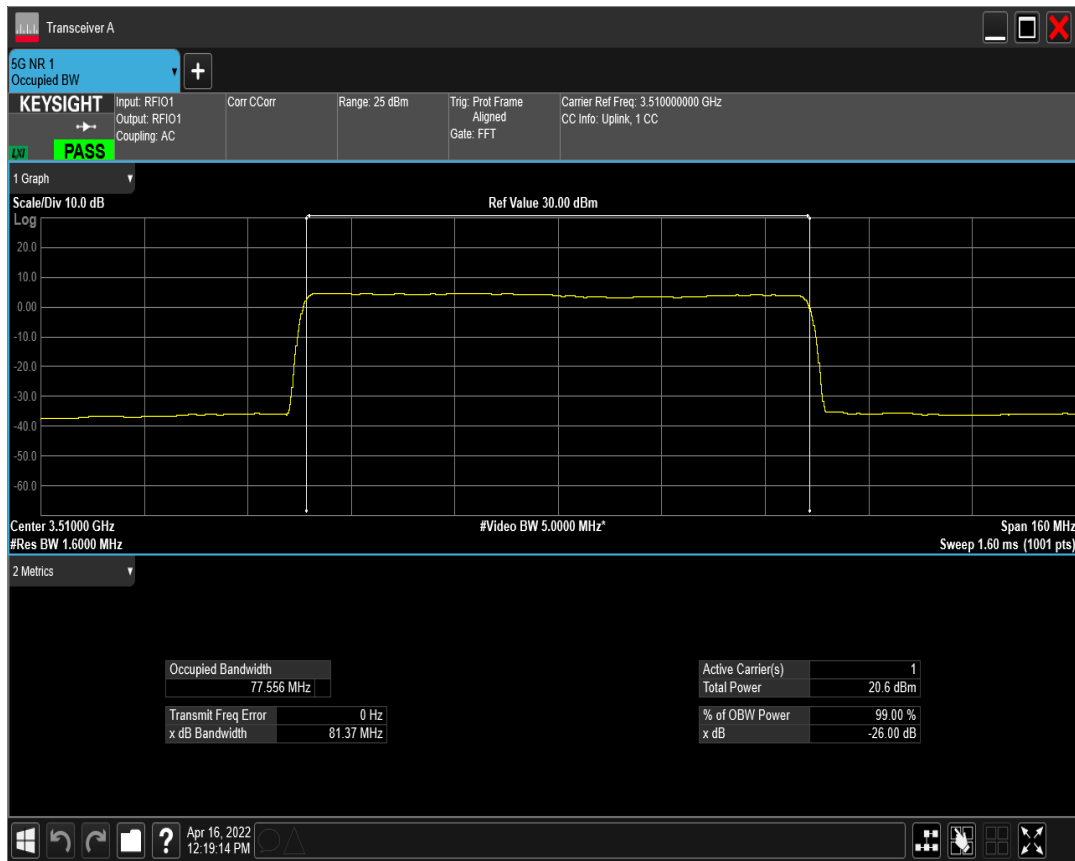
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=634000 RB=216@0



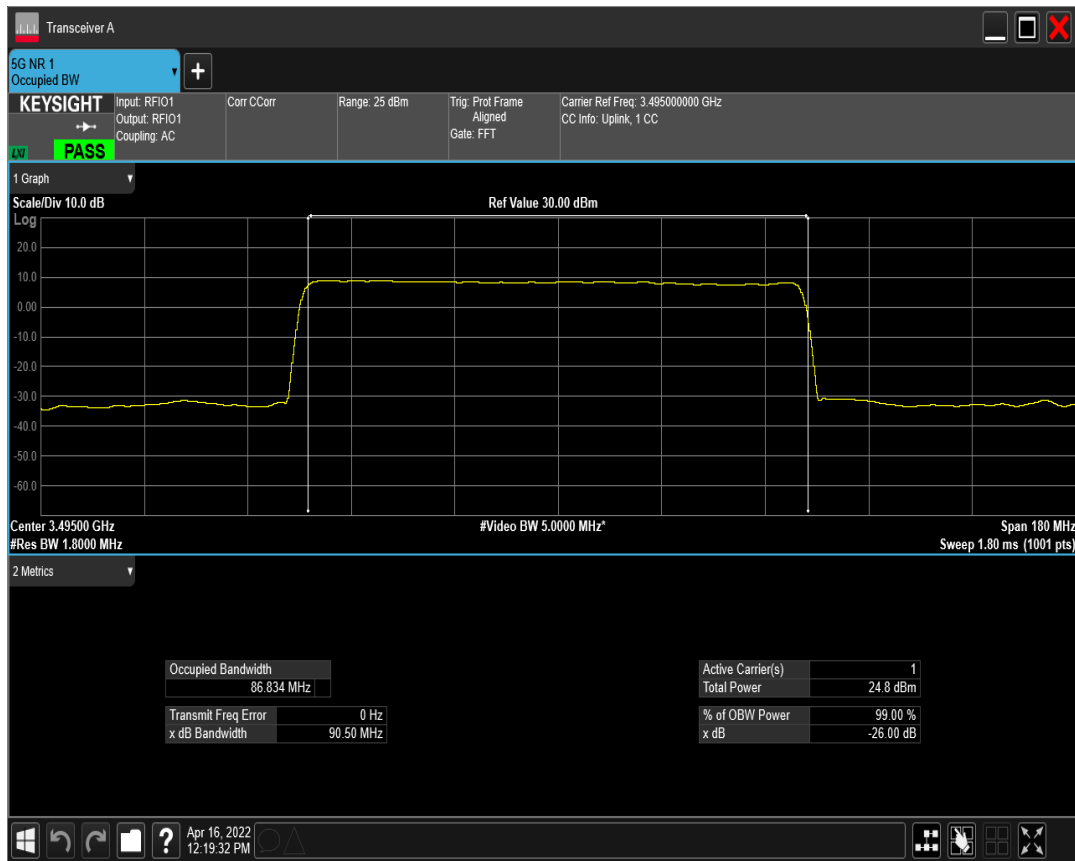
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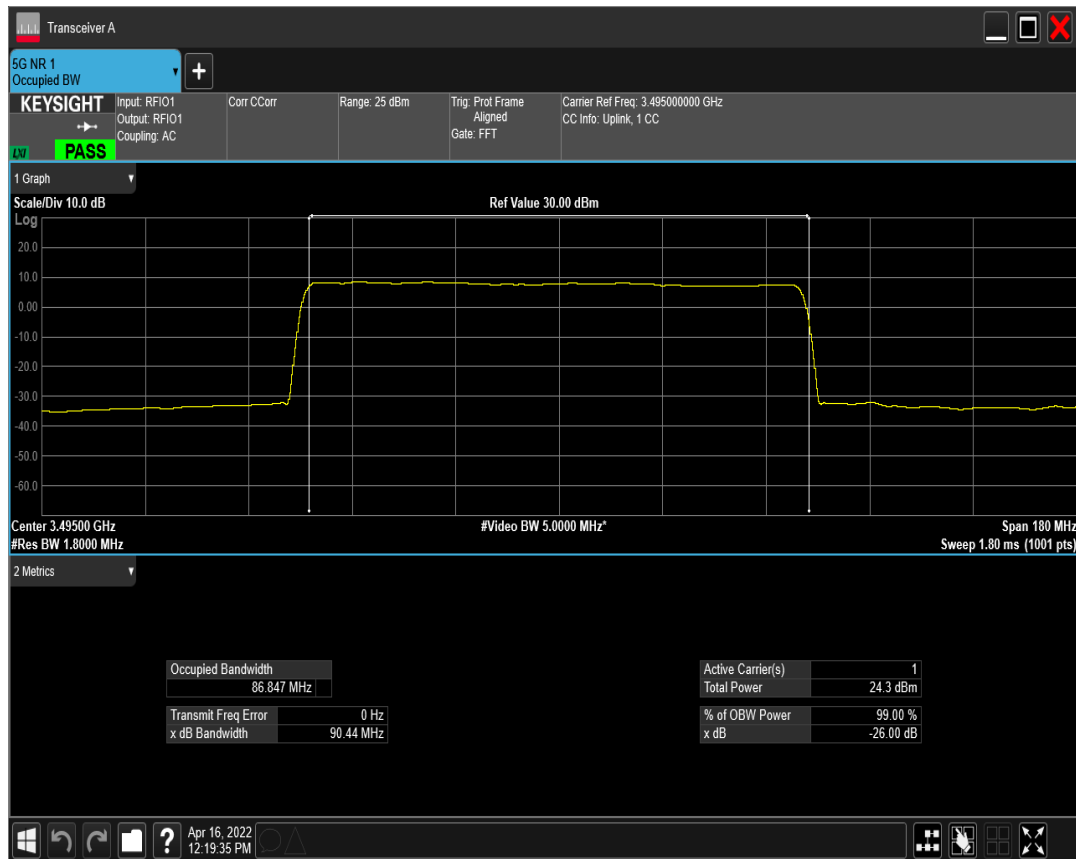
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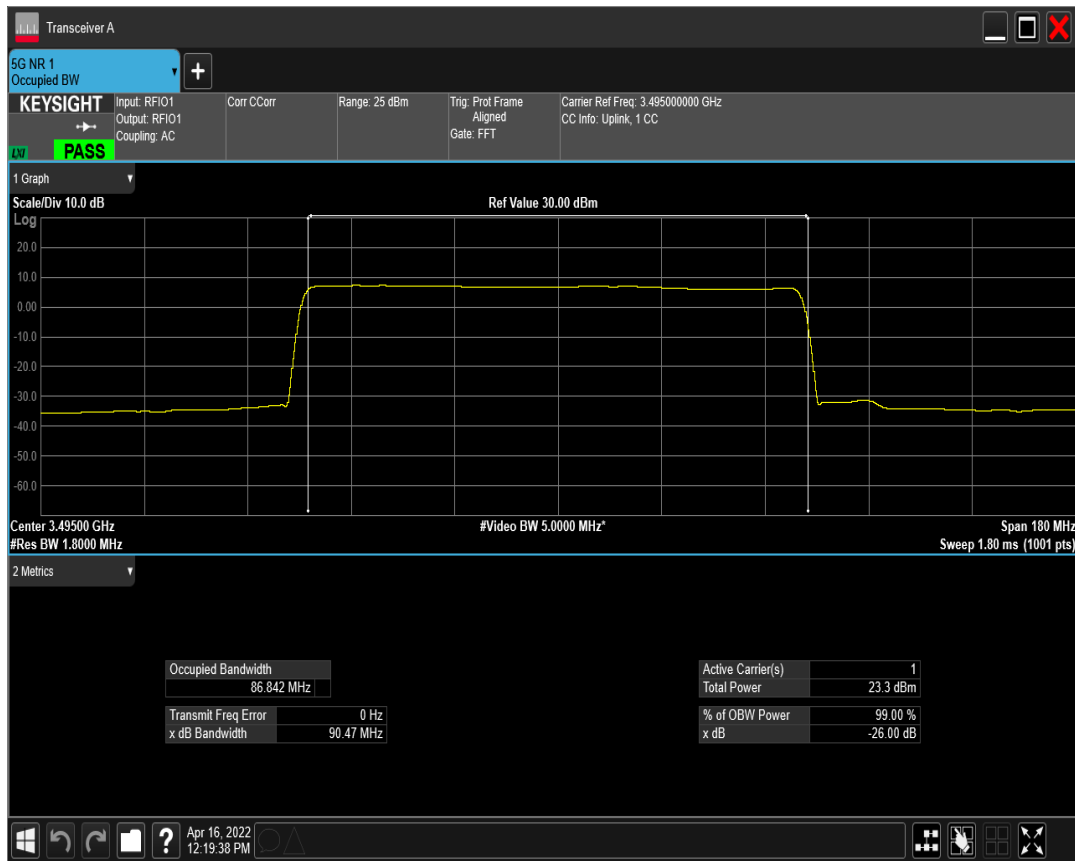
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633000 RB=240@0



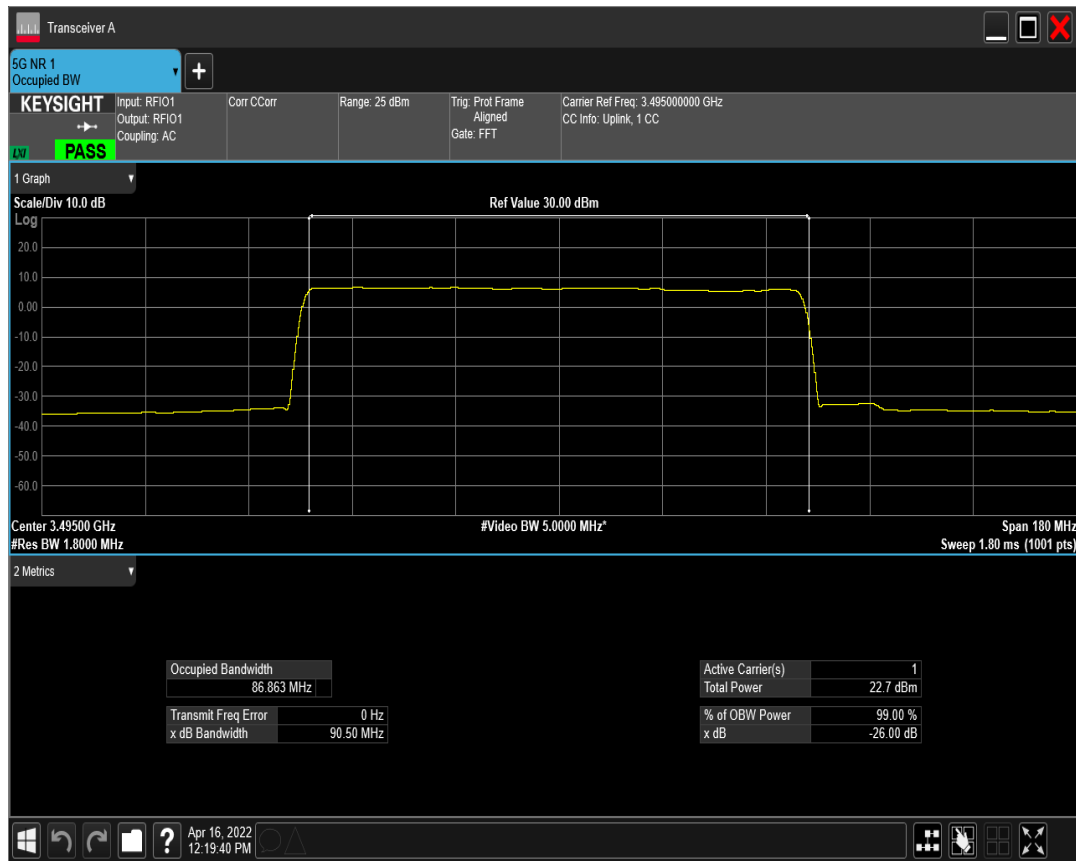
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633000 RB=240@0



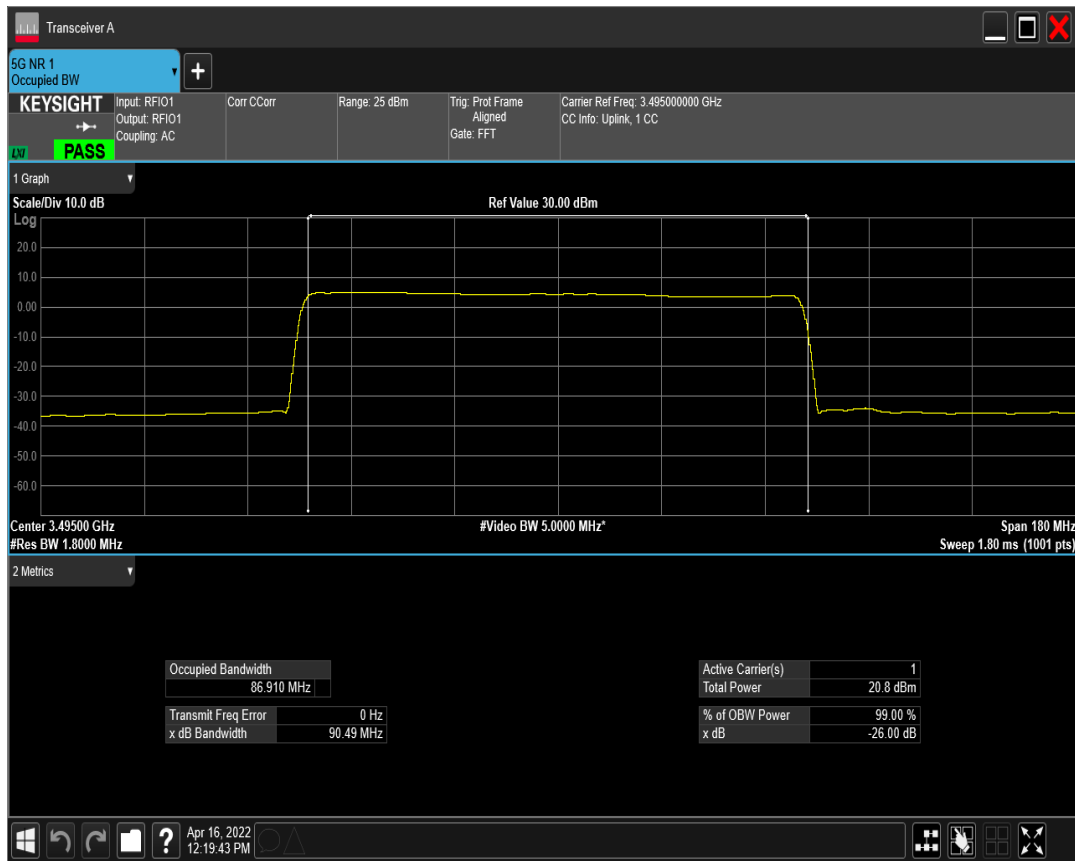
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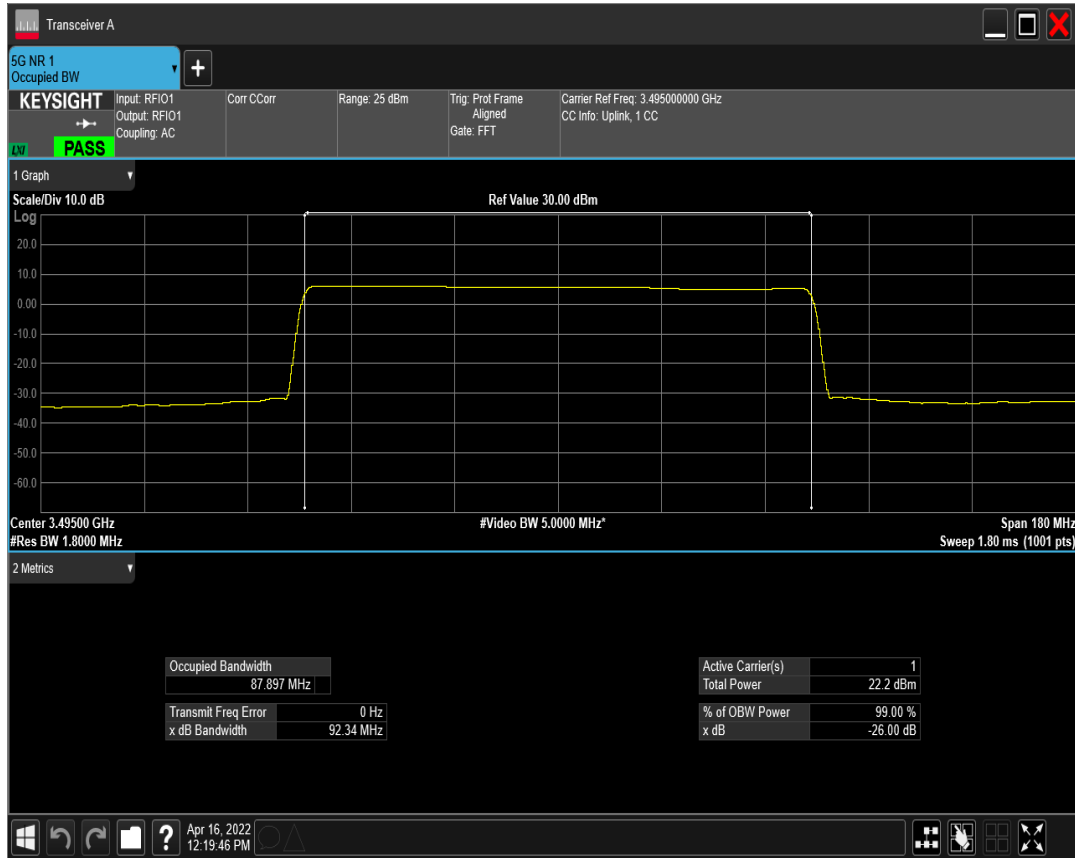
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633000 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633000 RB=240@0



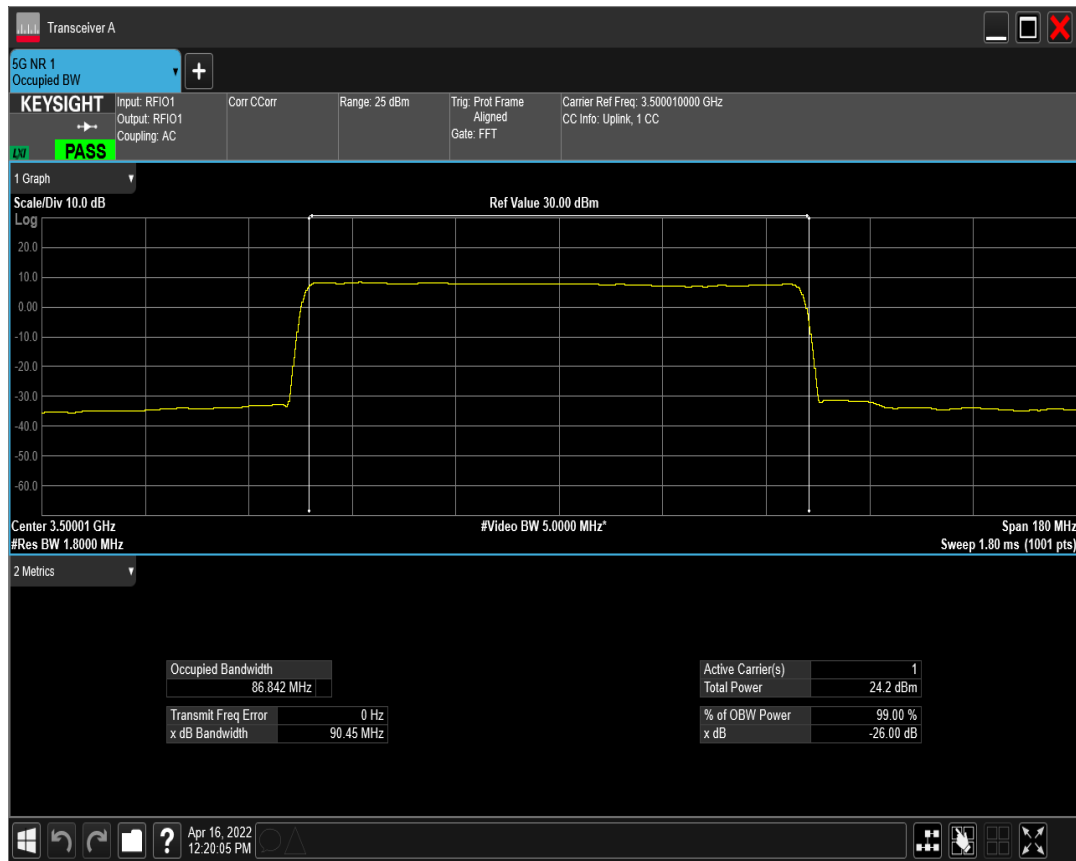
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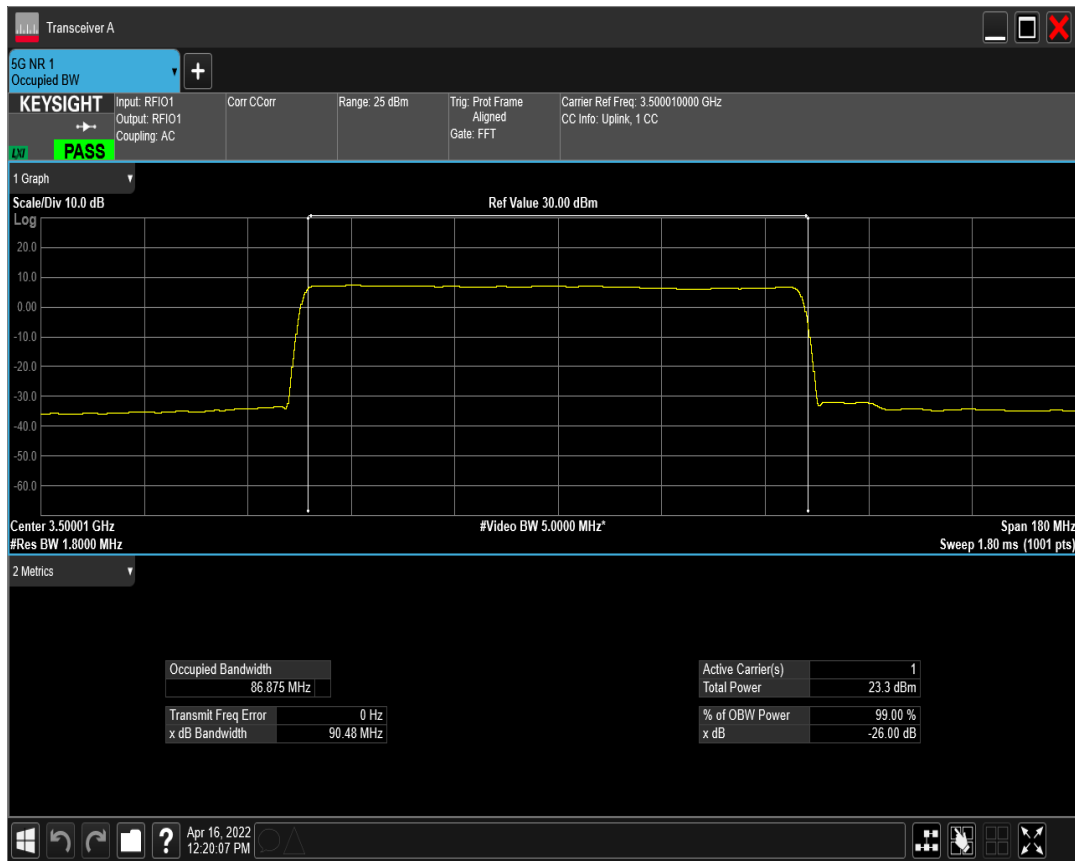
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



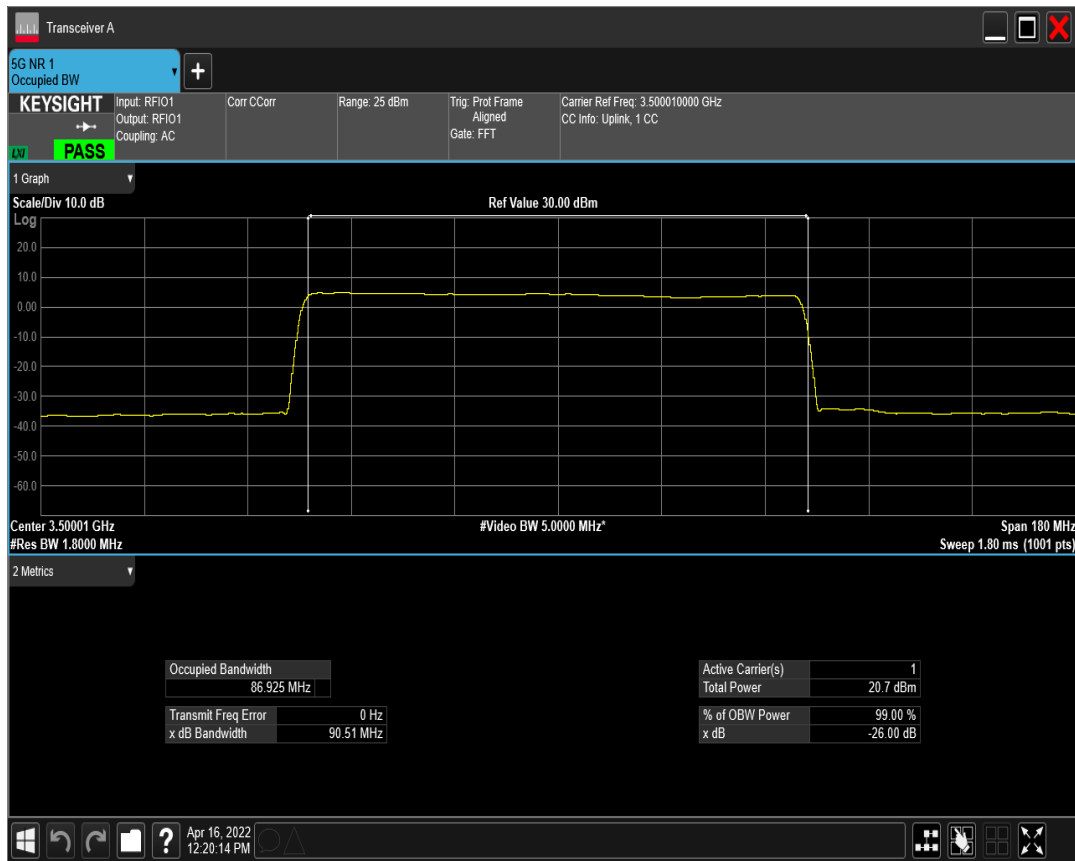
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



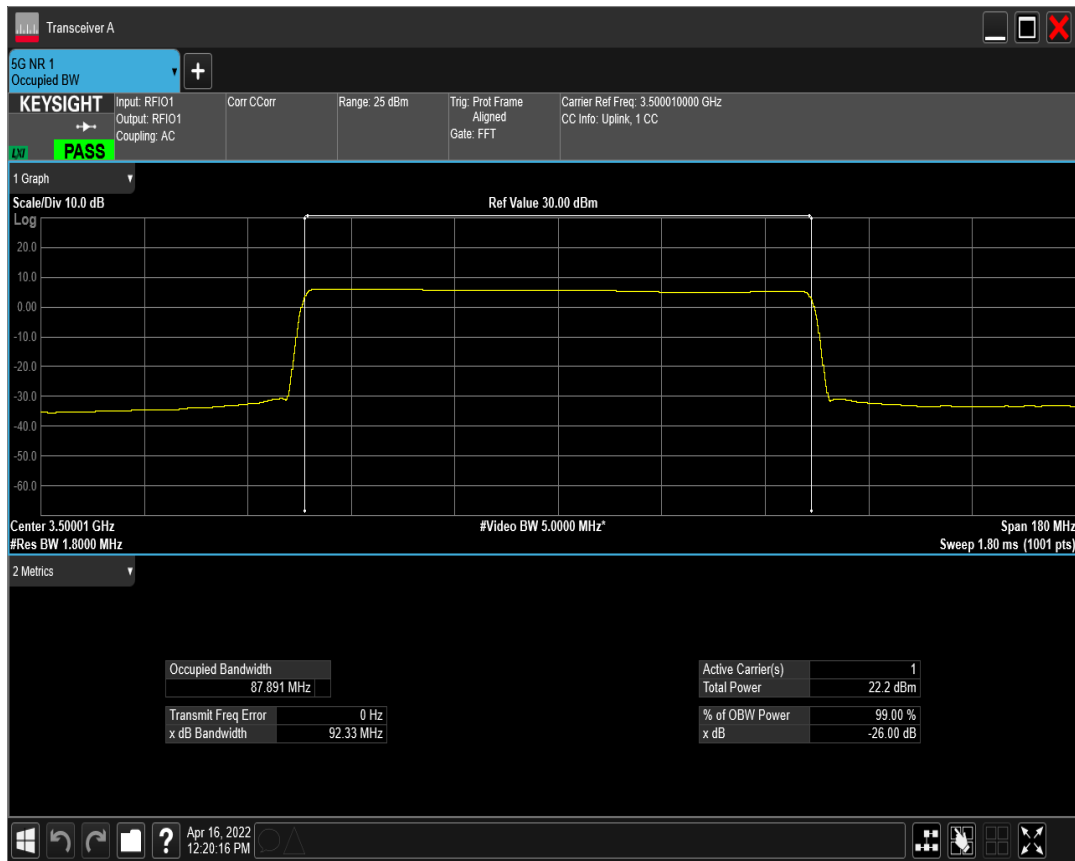
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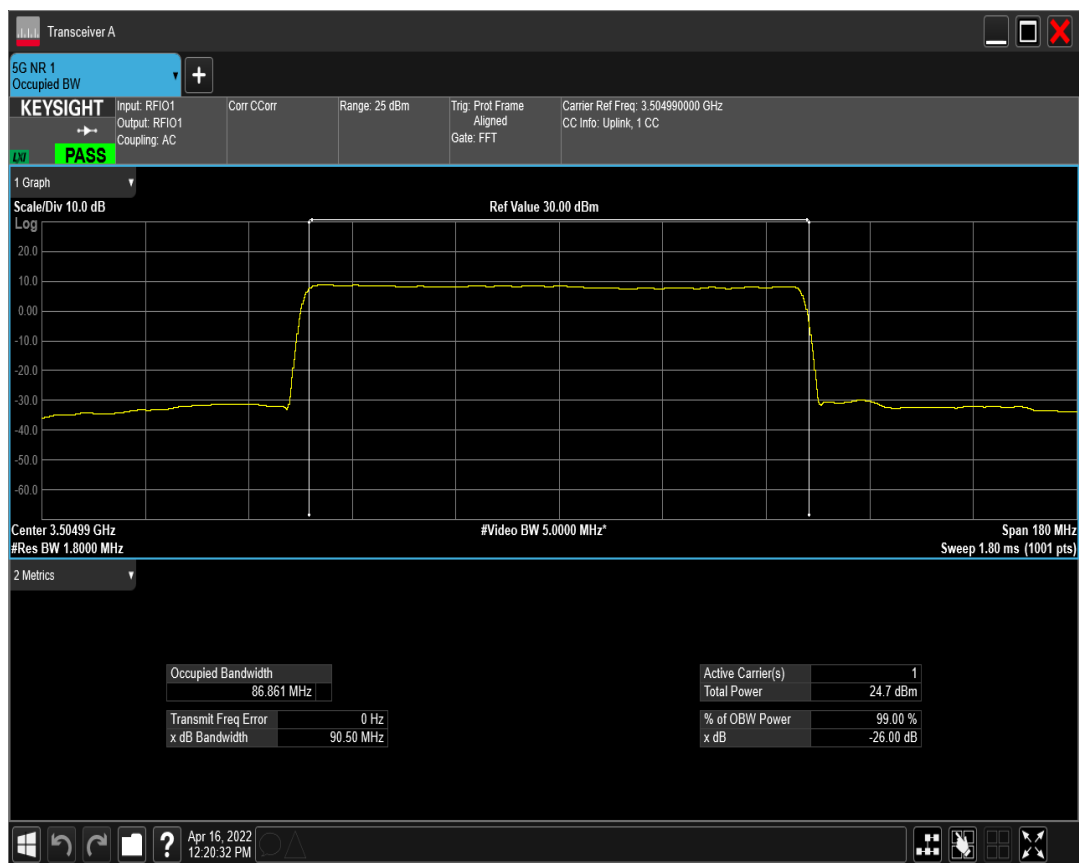
n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



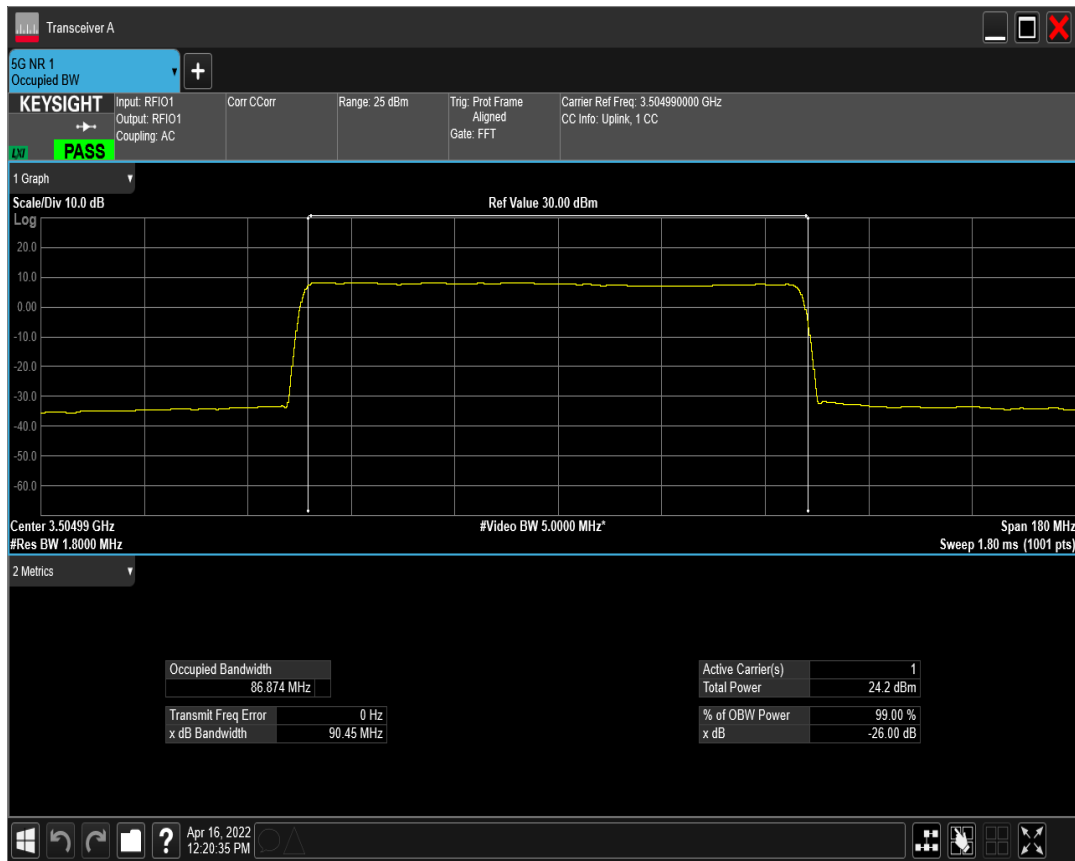
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633334 RB=245@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633666 RB=240@0



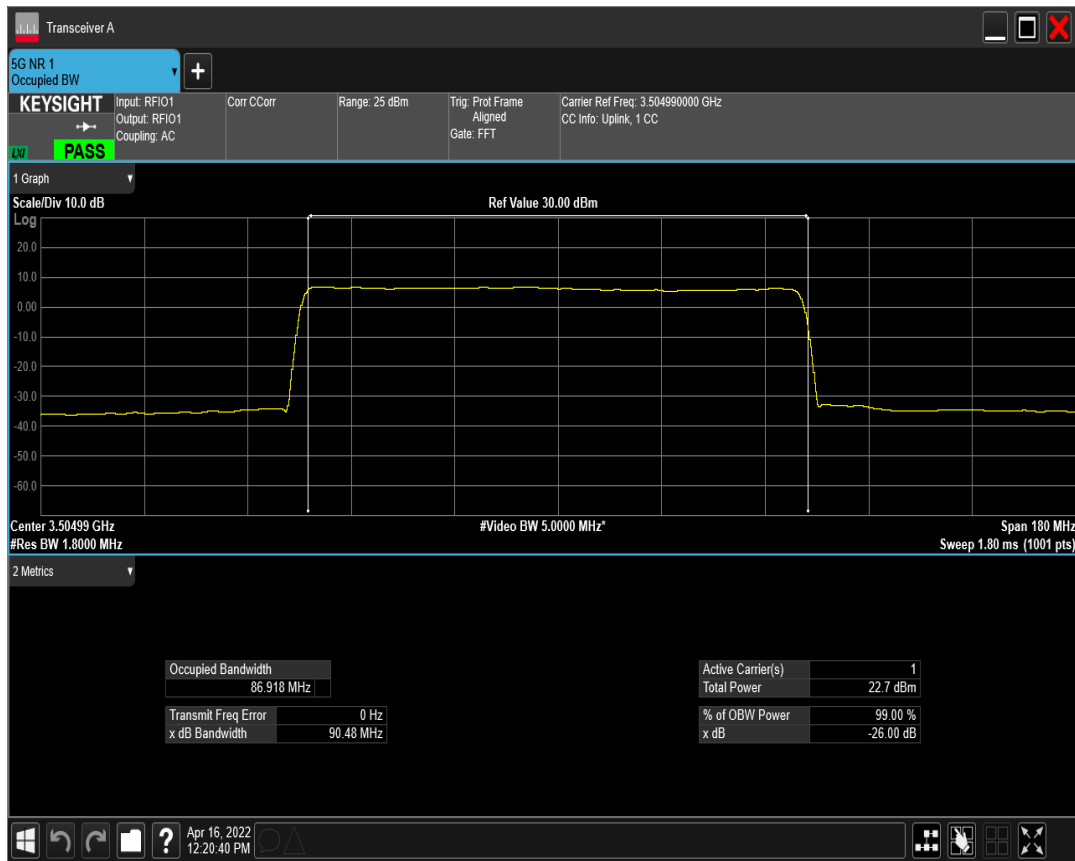
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633666 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633666 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633666 RB=240@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633666 RB=240@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz Channel=633666 RB=245@0



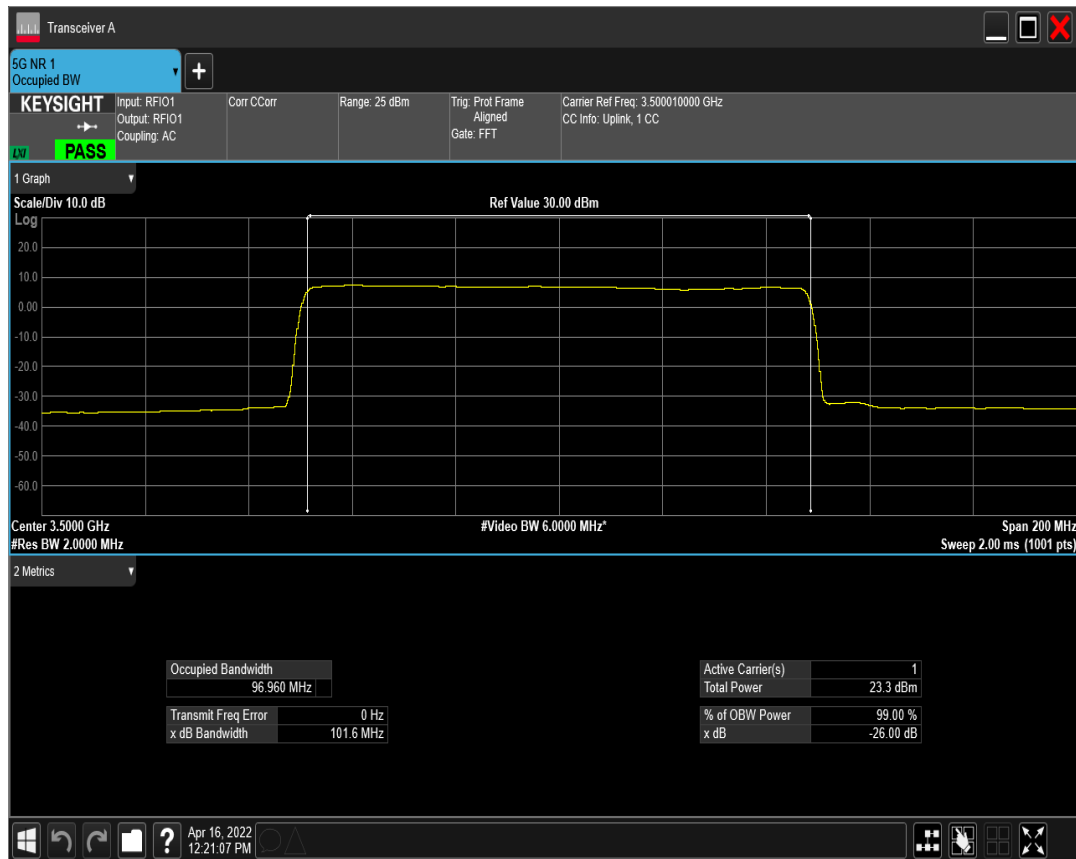
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



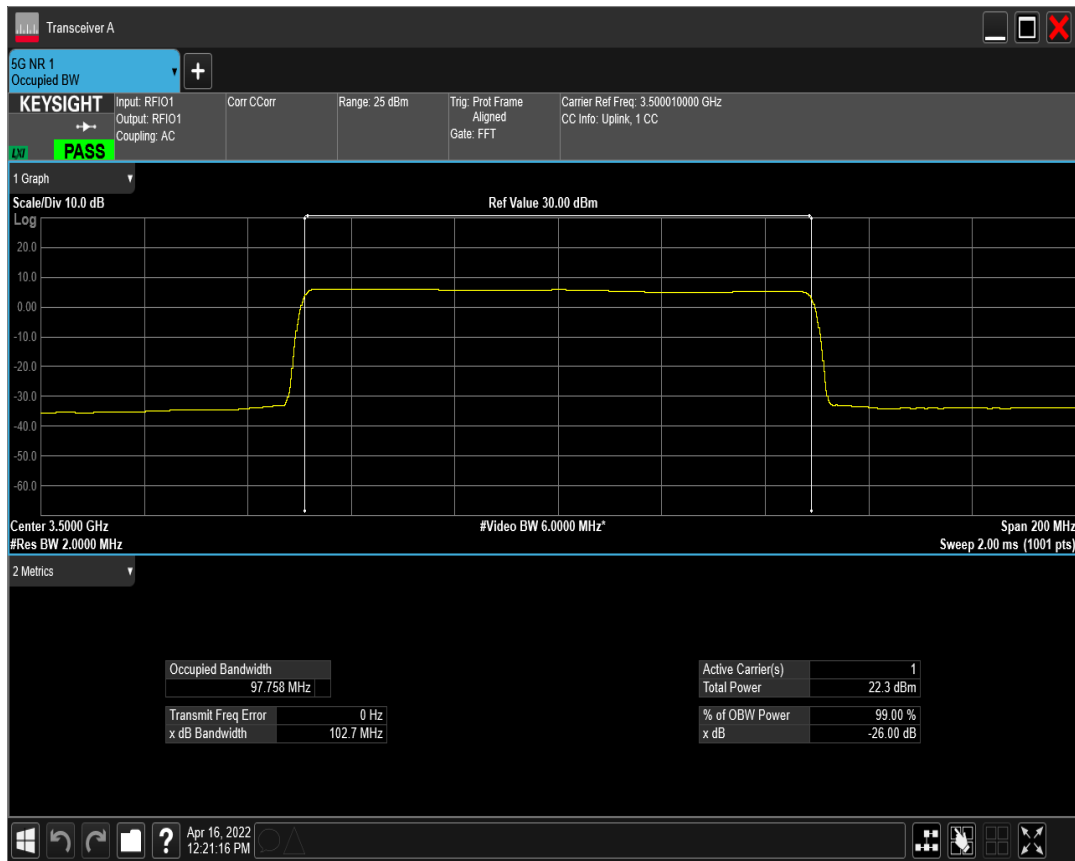
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



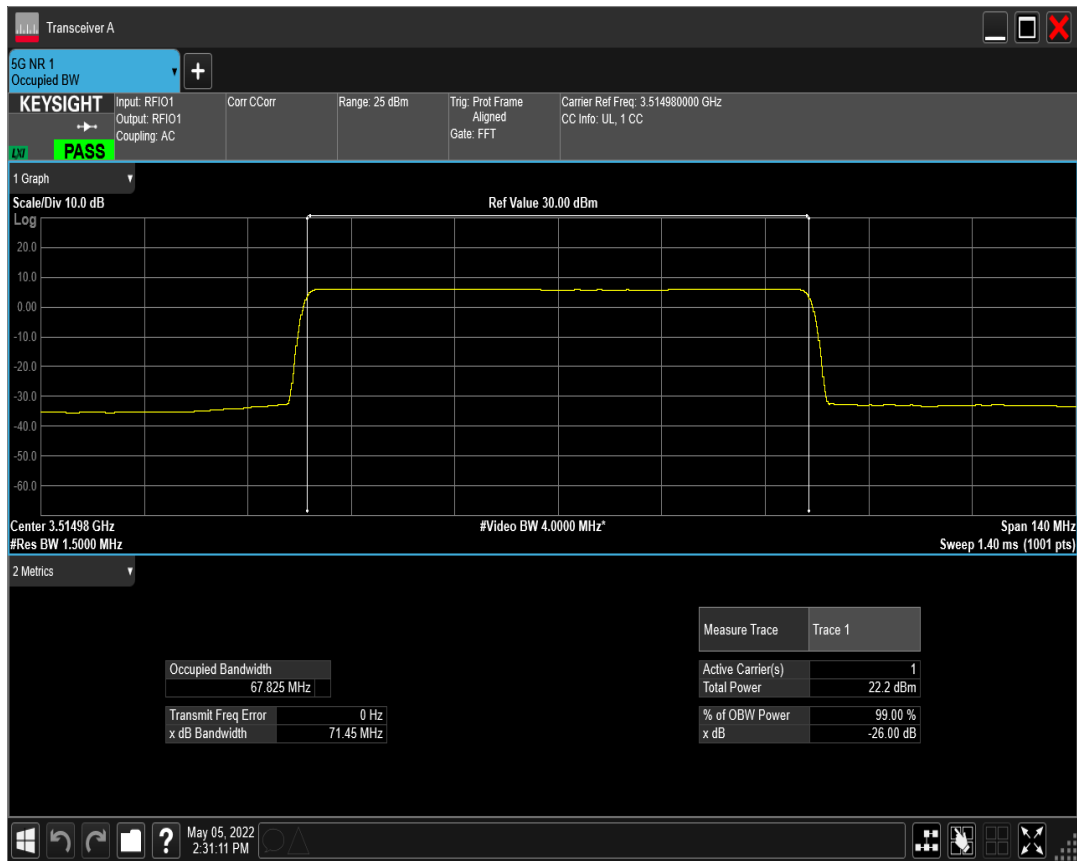
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz Channel=633334 RB=273@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



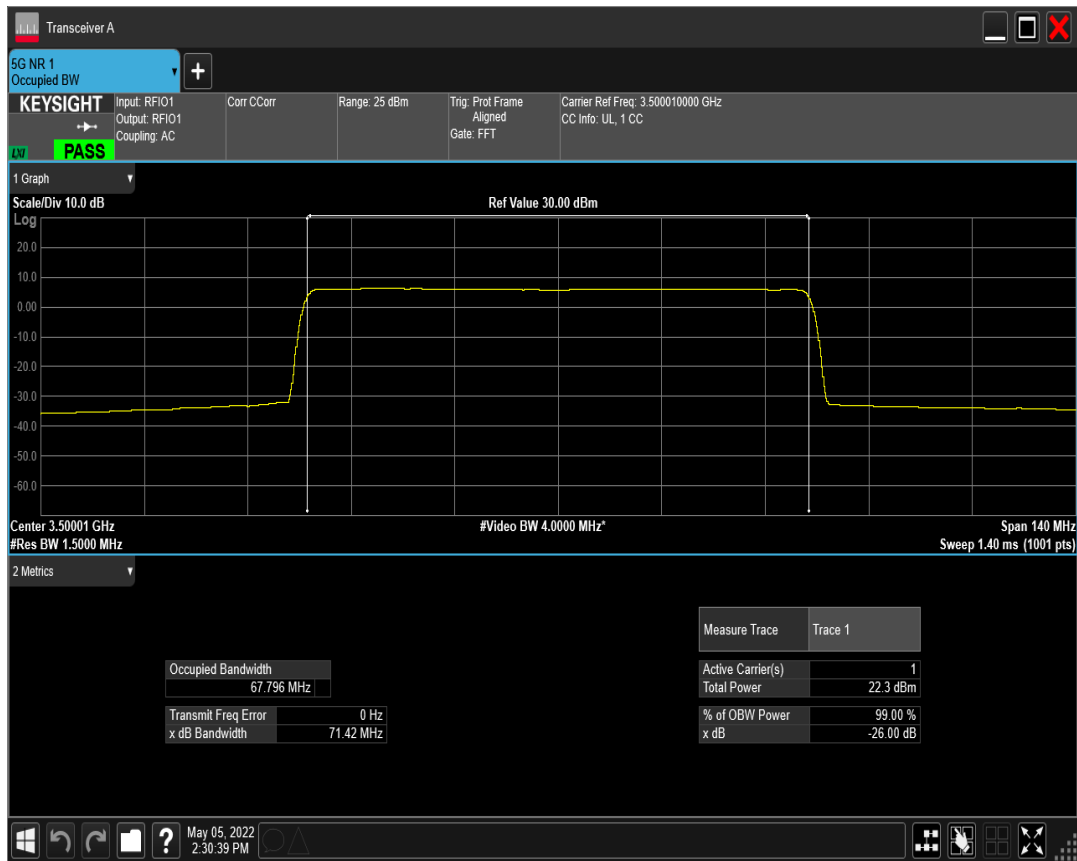
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n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=633334 RB=189@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=632334 RB=189@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=180@0



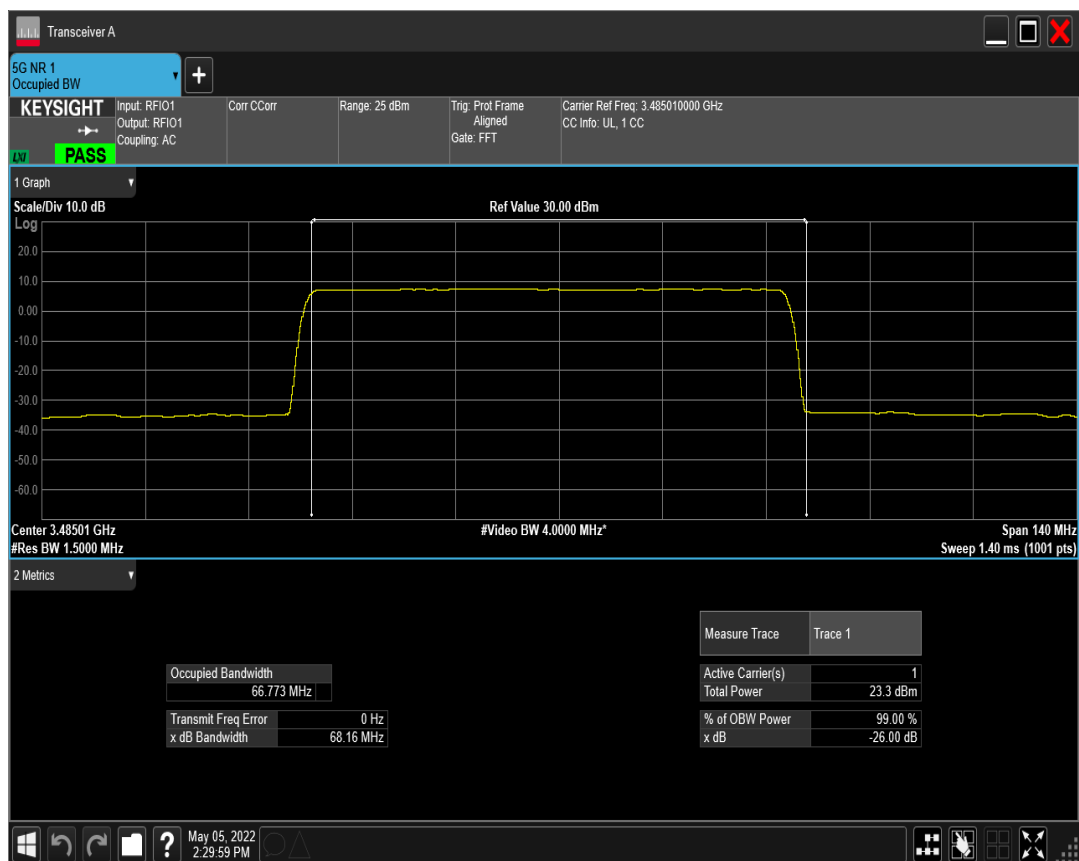
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=632334 RB=180@0



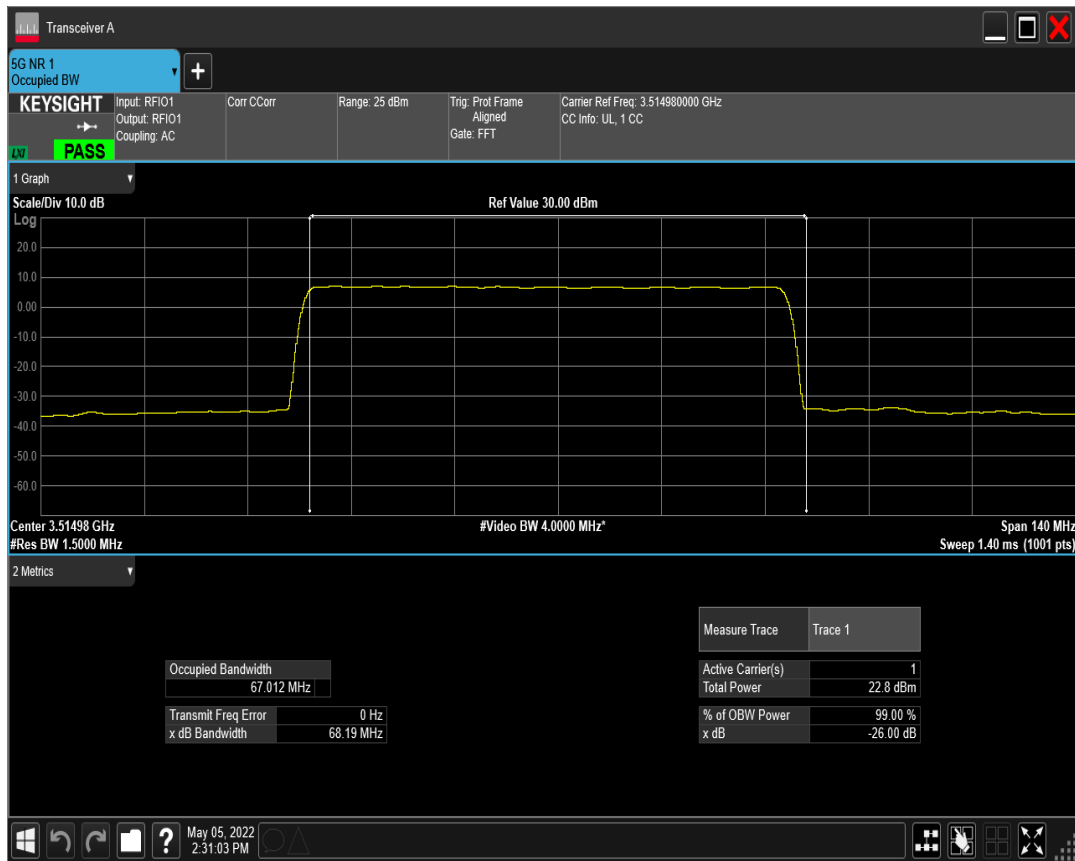
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=633334 RB=180@0



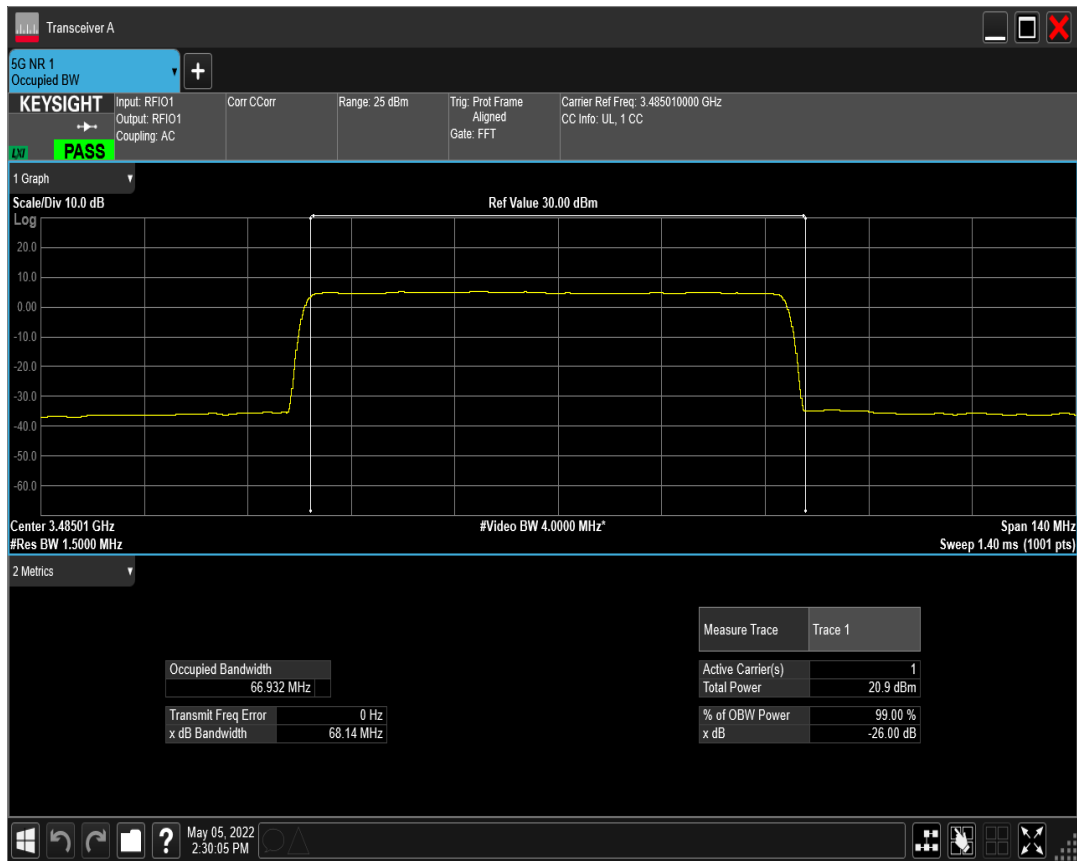
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=632334 RB=180@0



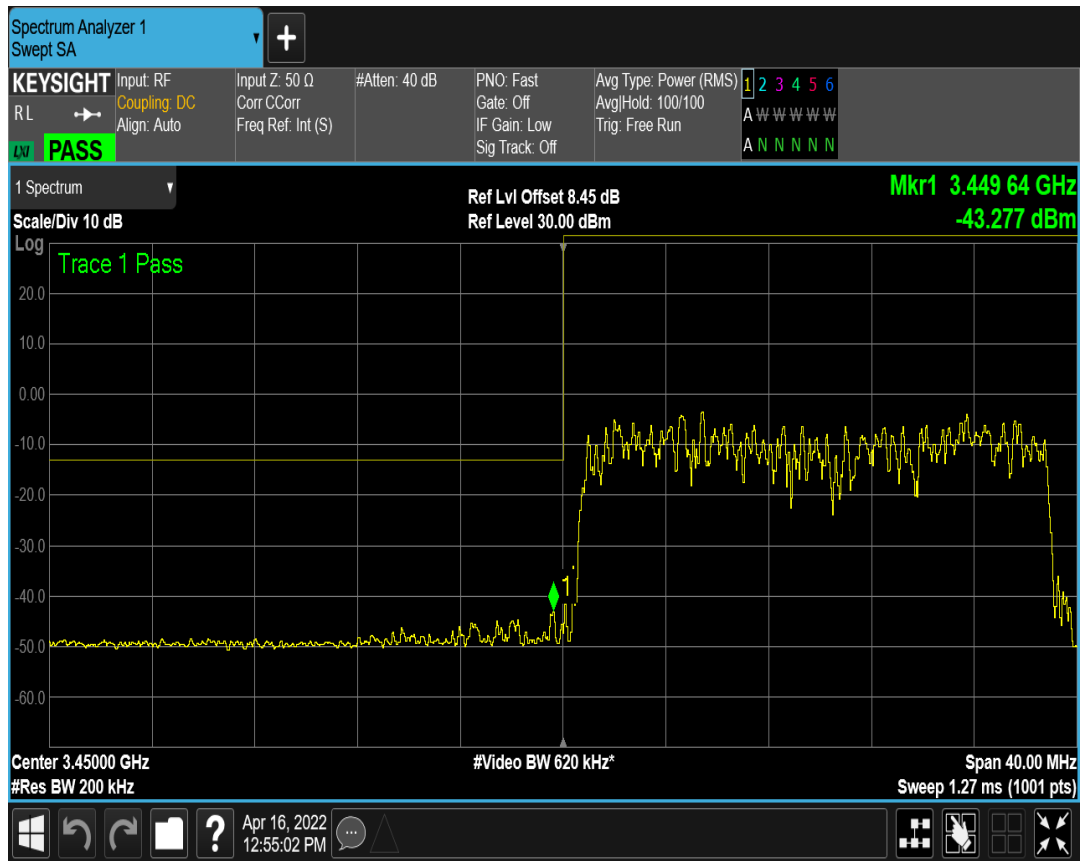
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



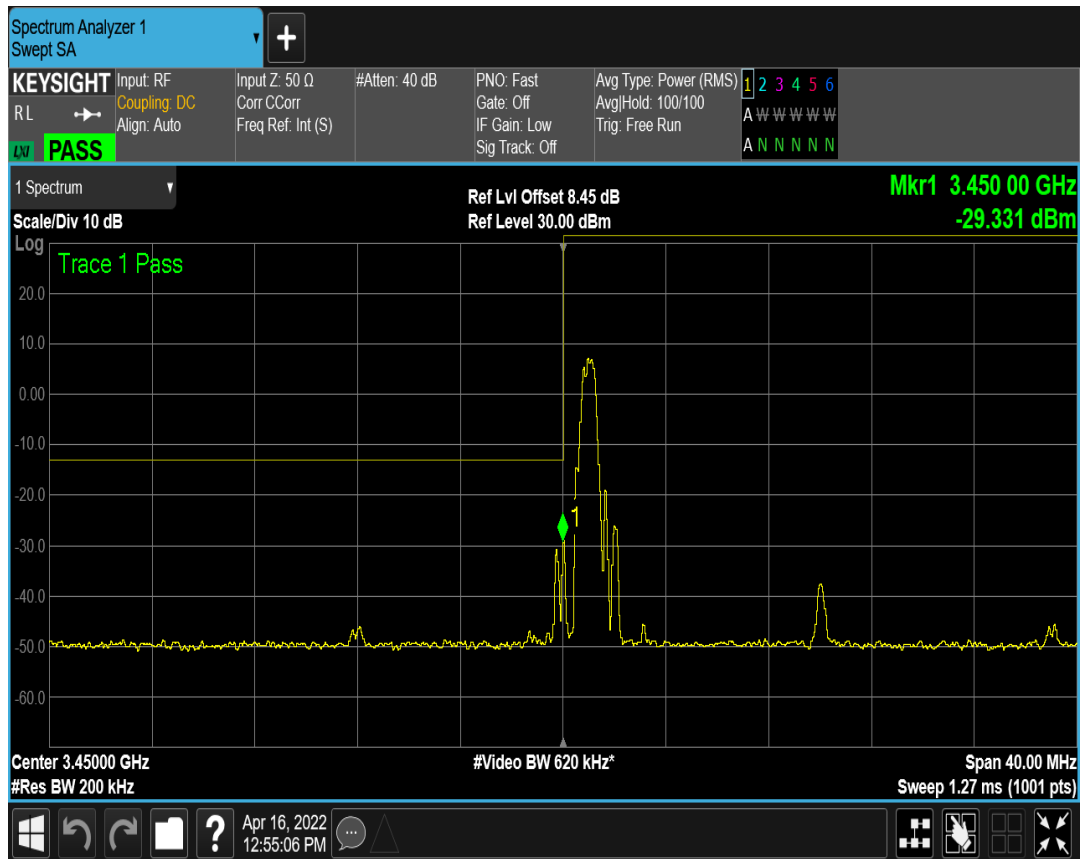
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	3449.64	-43.27	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3450.00	-29.33	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3550.24	-39.72	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.36	-34.55	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-26.80	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_QPSK	3450.00	-31.01	-13	PASS

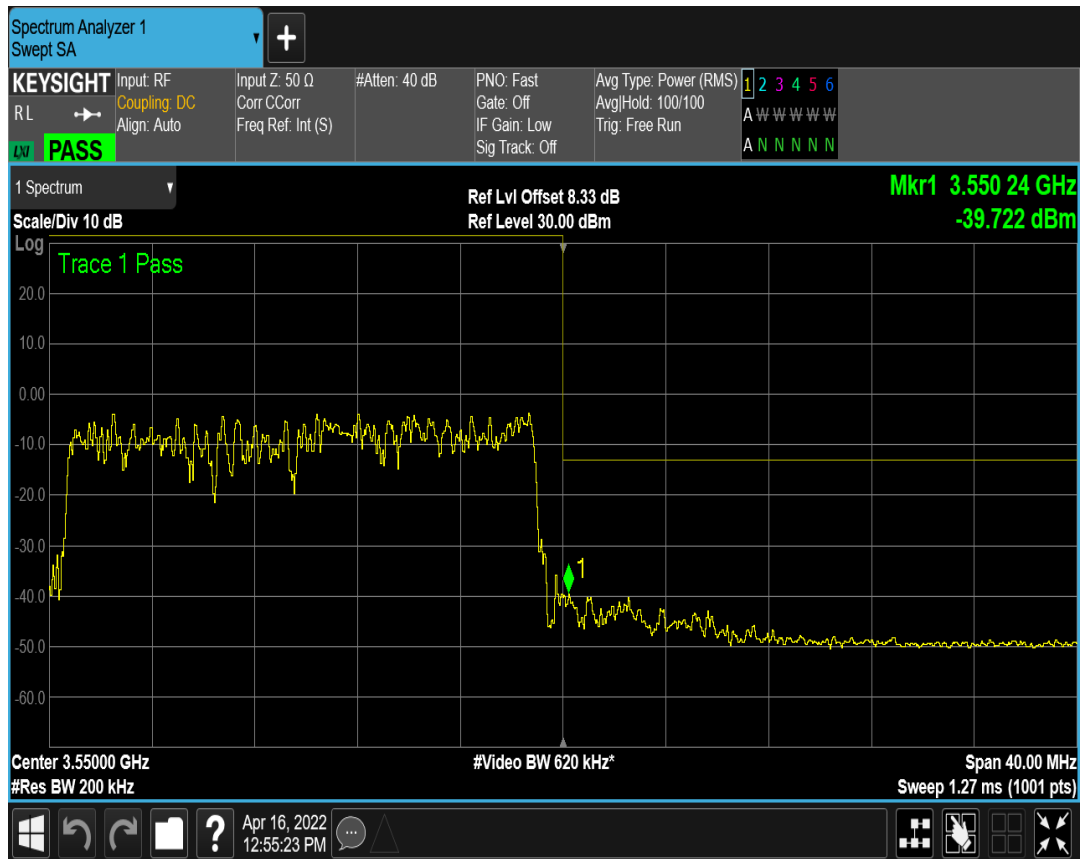
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50@0



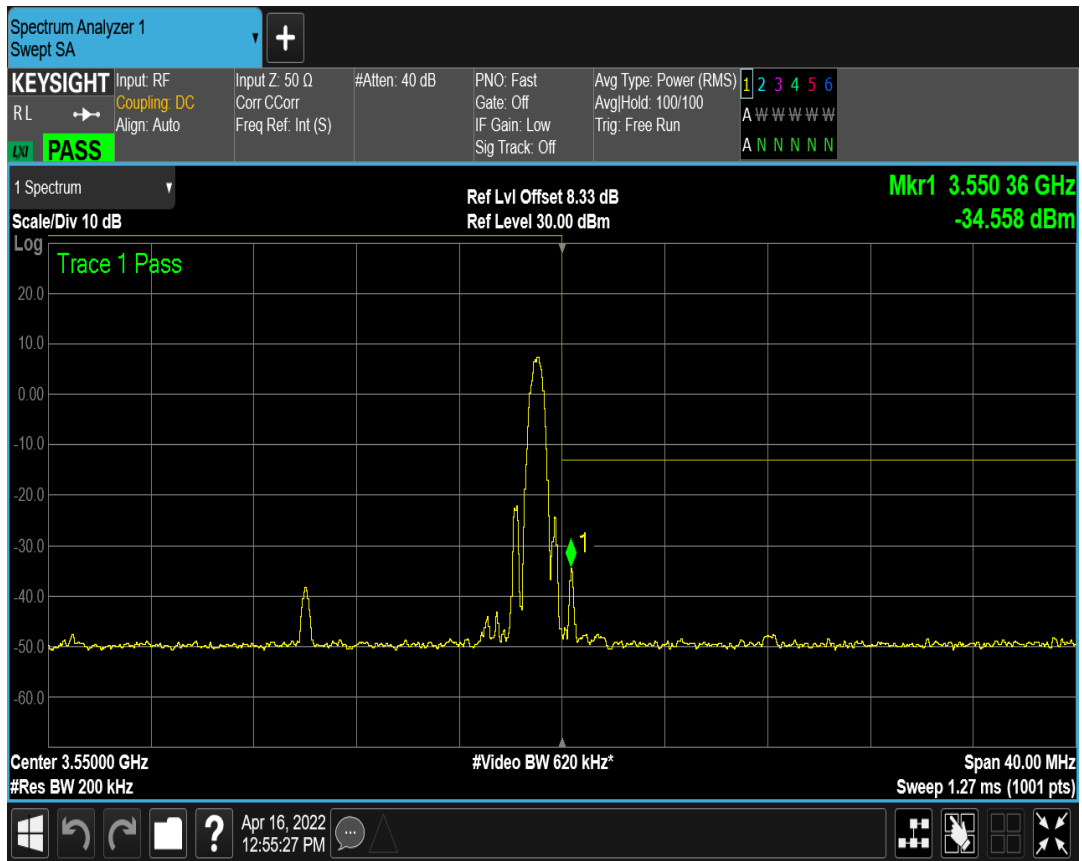
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=1@0



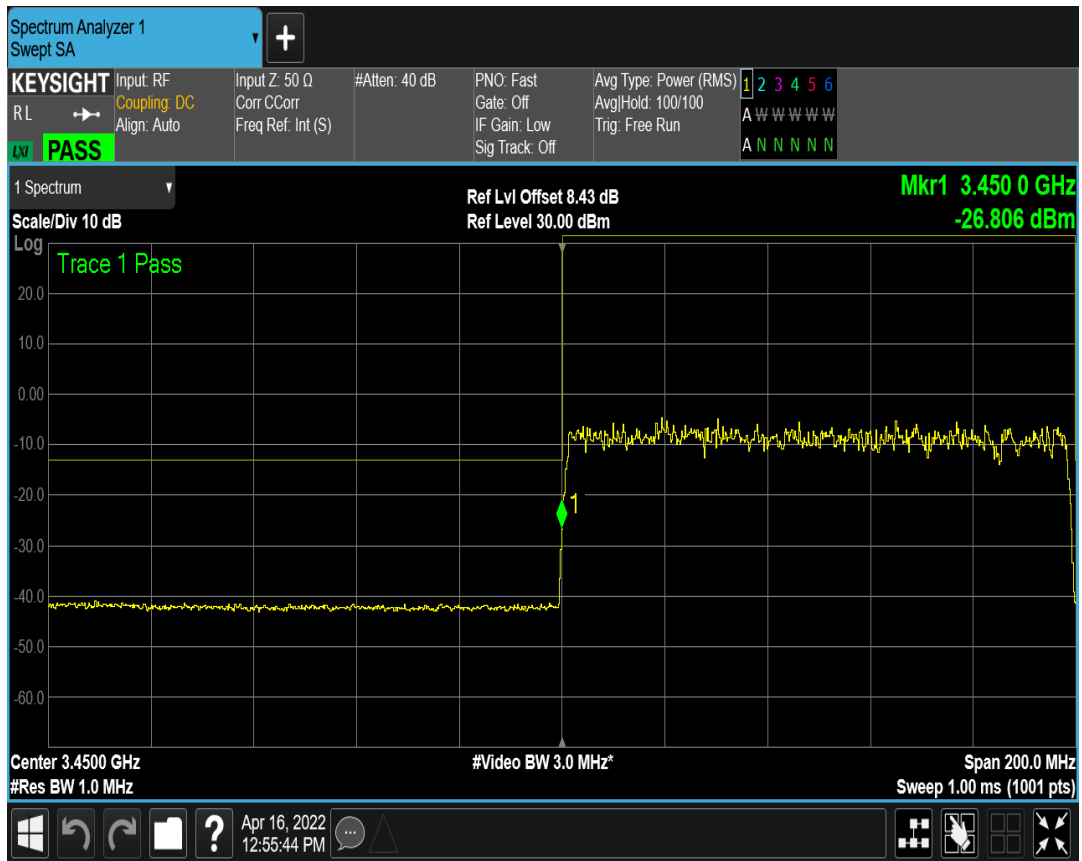
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50@0



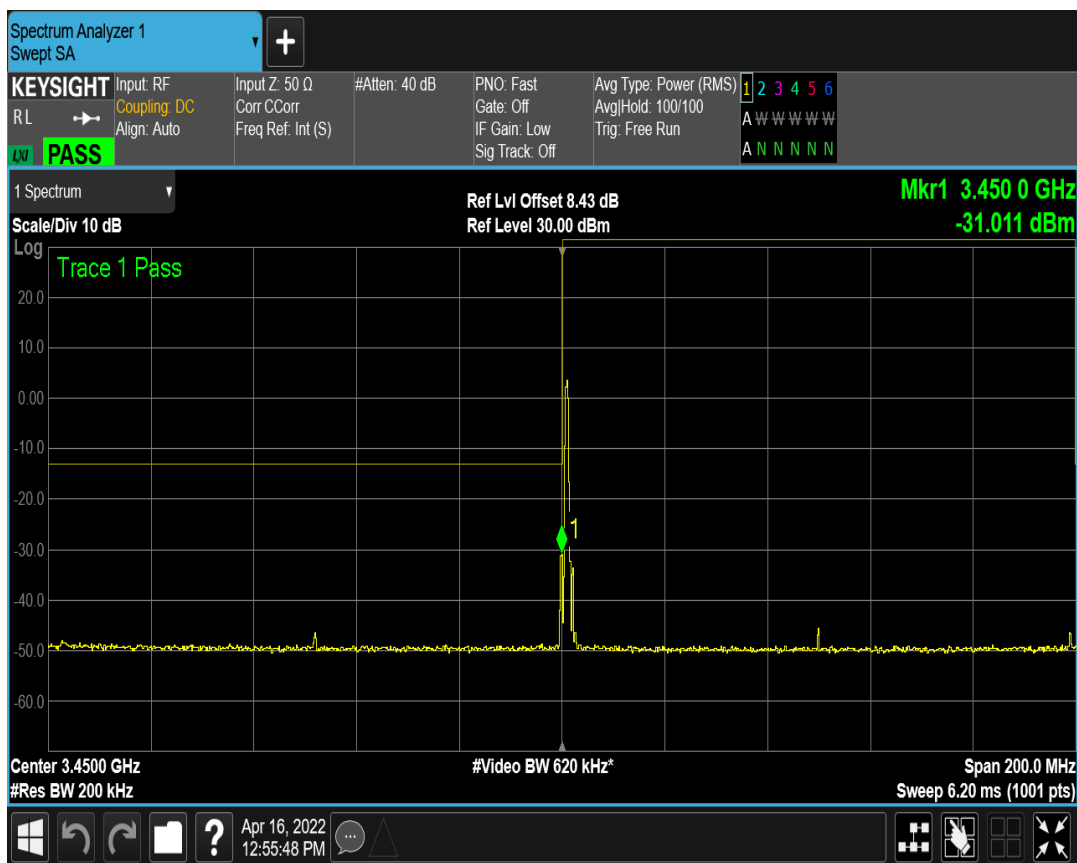
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=1@50



n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



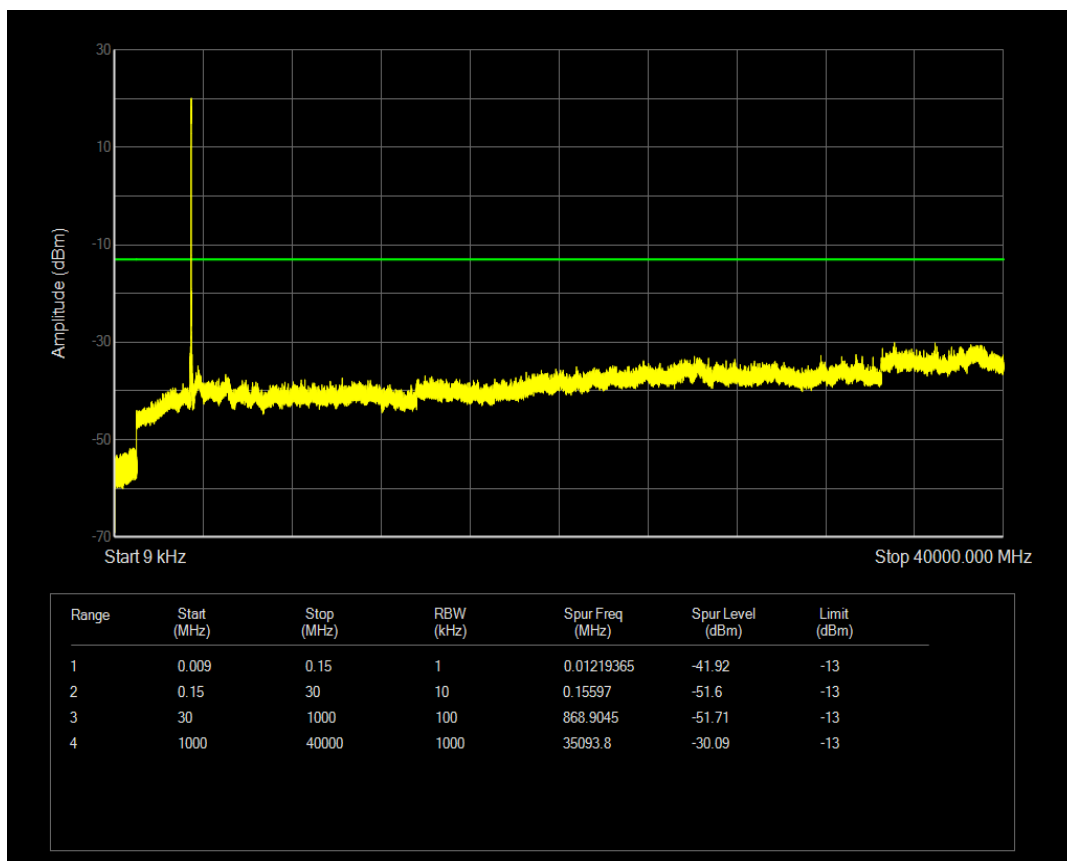
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=1@0



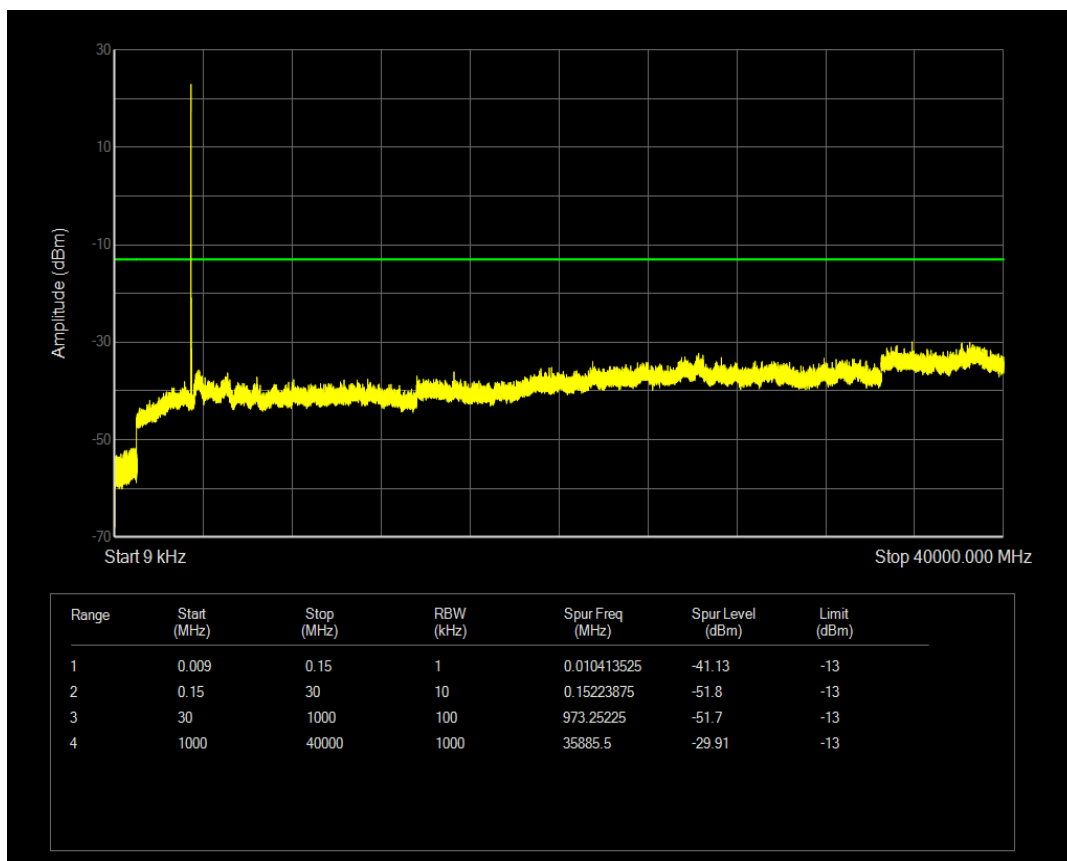
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	35093.80	-30.09	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	35885.50	-29.91	-13	PASS
n78(3450-3550)	30	20	630668	1@50	DFT_QPSK	38479.00	-30.06	-13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	38657.43	-29.90	-13	PASS
n78(3450-3550)	30	20	633334	1@0	DFT_QPSK	35048.95	-30.15	-13	PASS
n78(3450-3550)	30	20	633334	1@50	DFT_QPSK	38624.28	-29.59	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	38718.85	-29.90	-13	PASS
n78(3450-3550)	30	20	636000	1@0	DFT_QPSK	38756.88	-29.97	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	35057.73	-29.68	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	38479.98	-28.80	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_QPSK	38965.53	-29.29	-13	PASS
n78(3450-3550)	30	100	633334	1@272	DFT_QPSK	38826.10	-30.38	-13	PASS

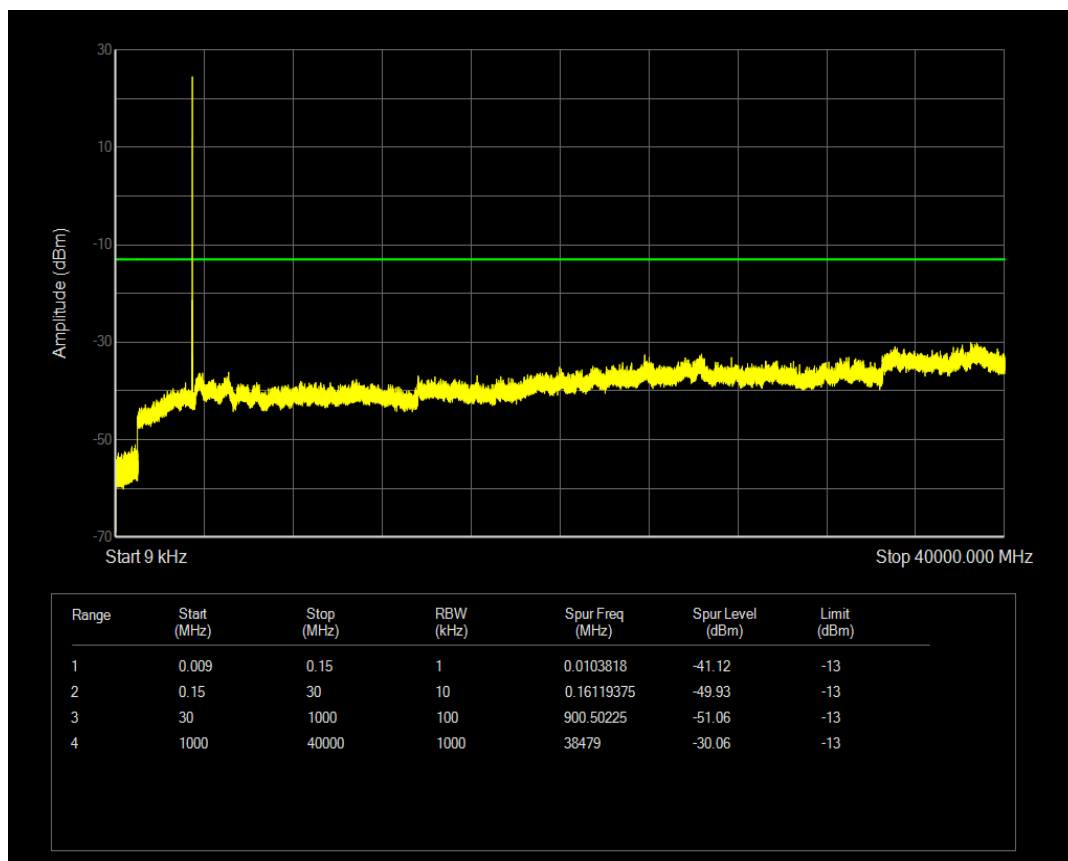
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50@0



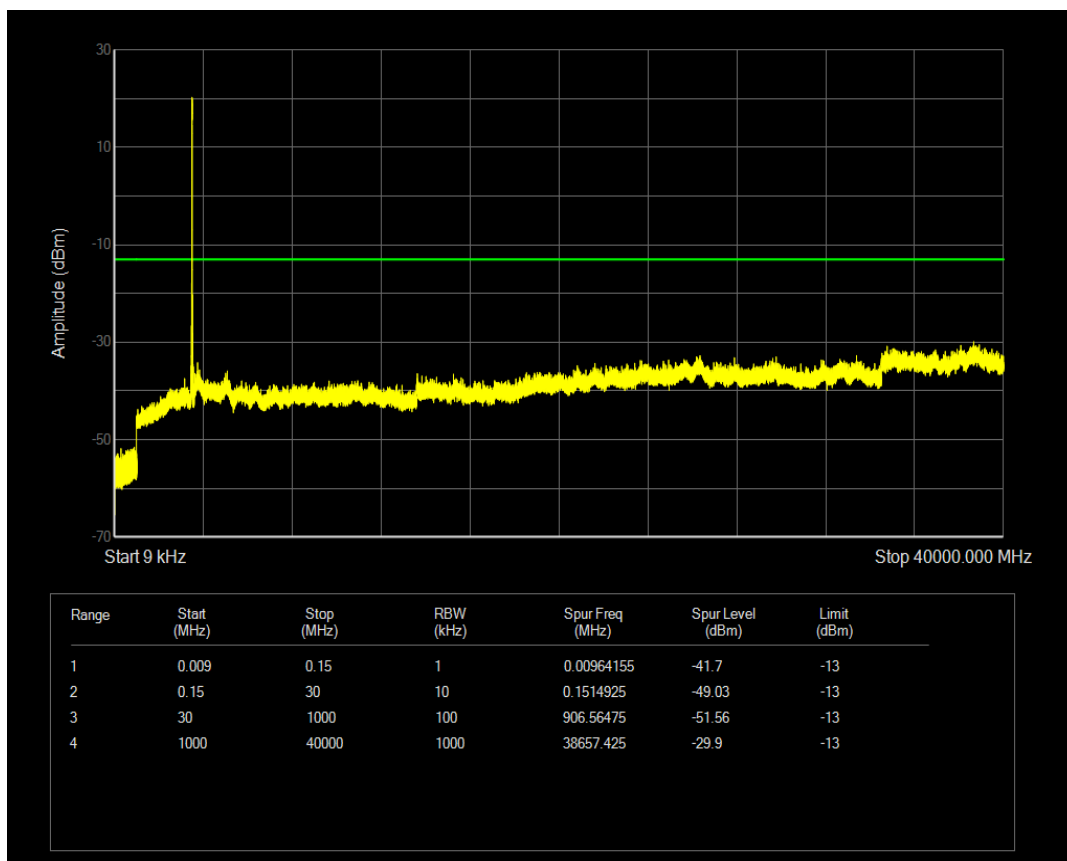
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=1@0



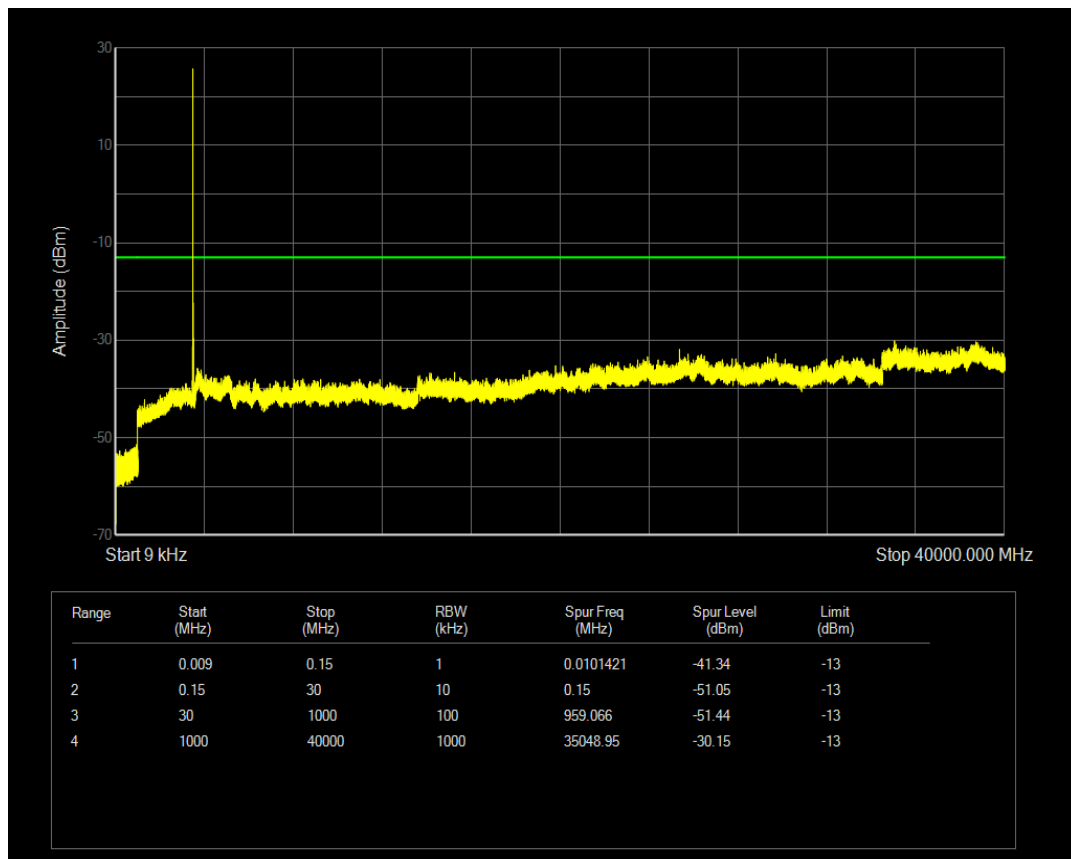
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=1@50



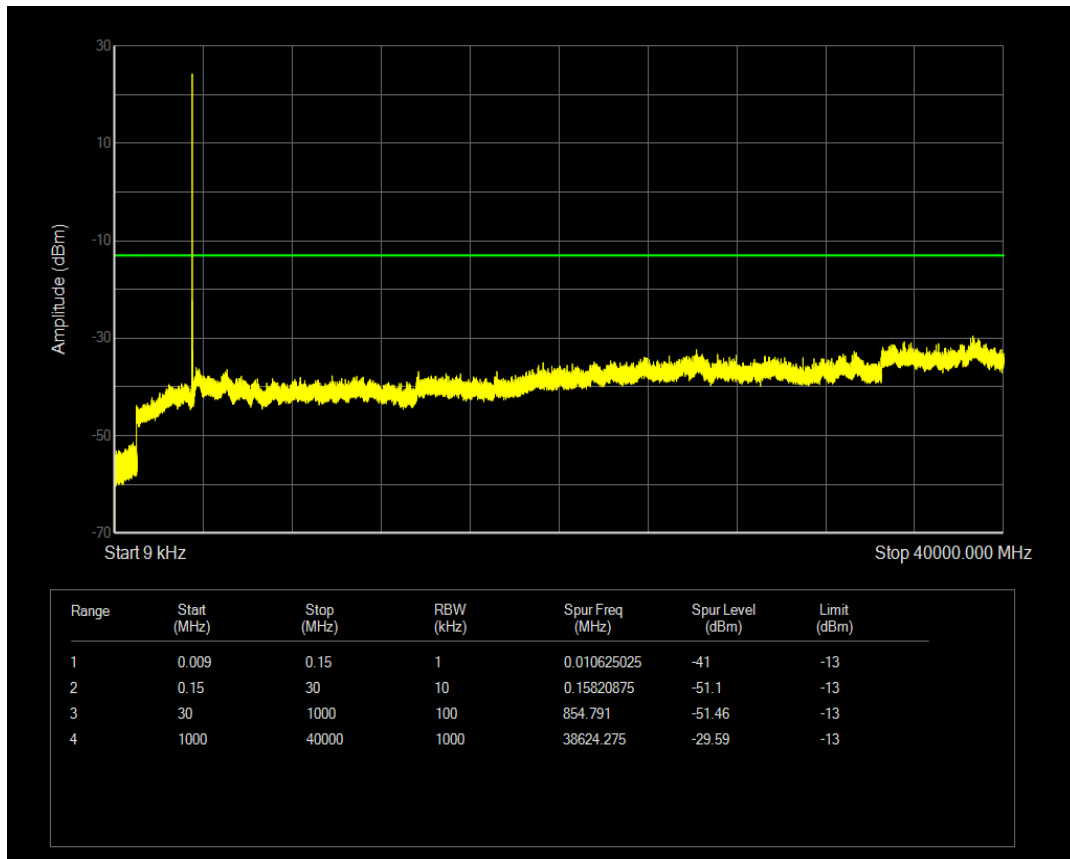
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



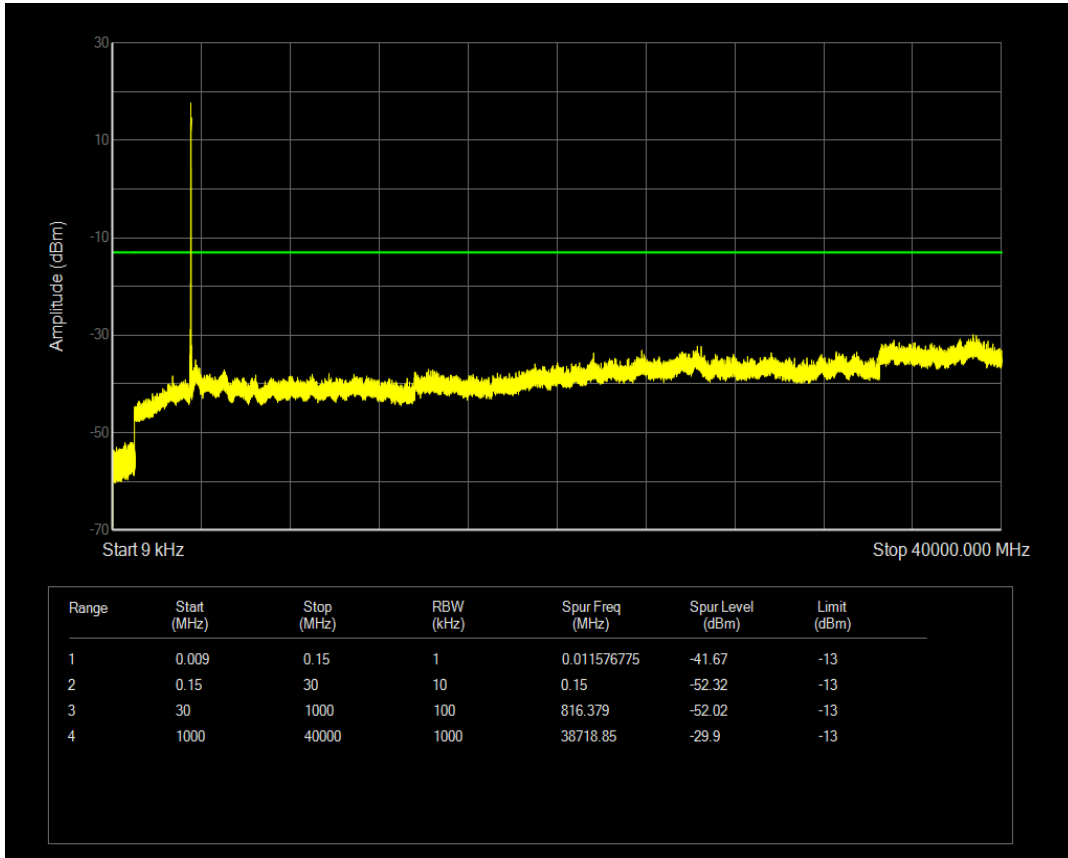
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=1@0



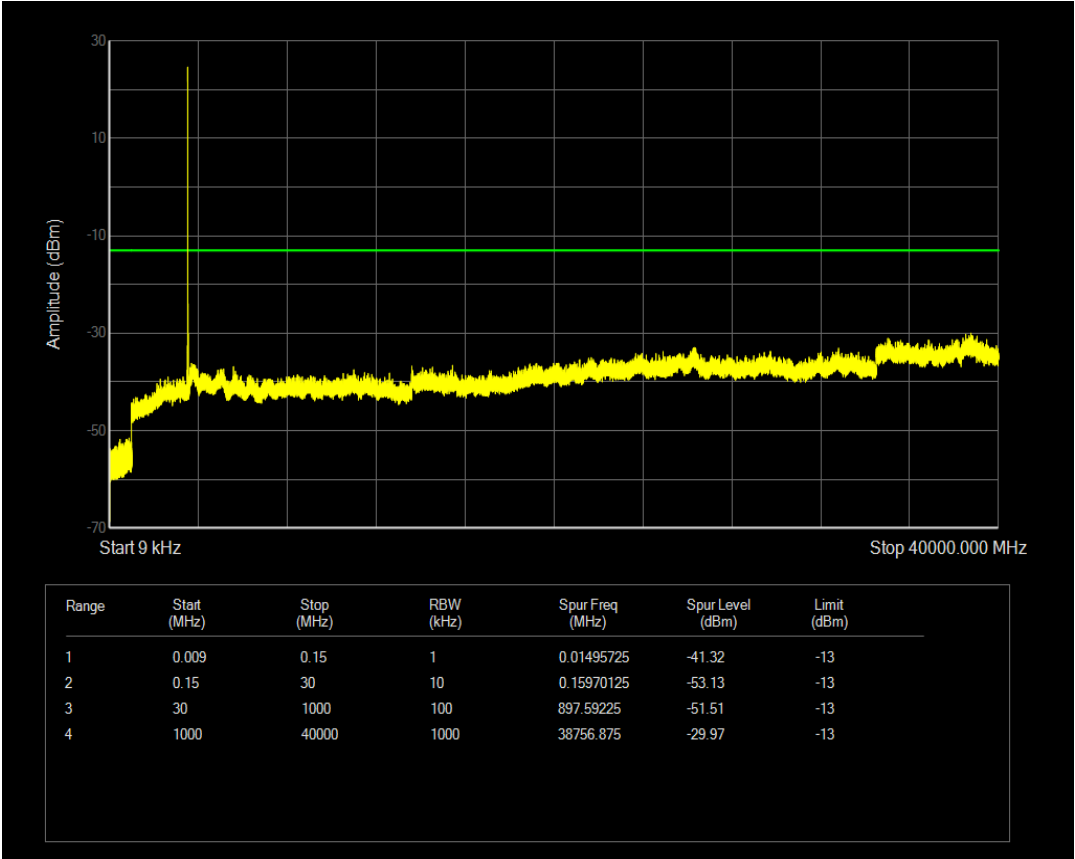
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=1@50



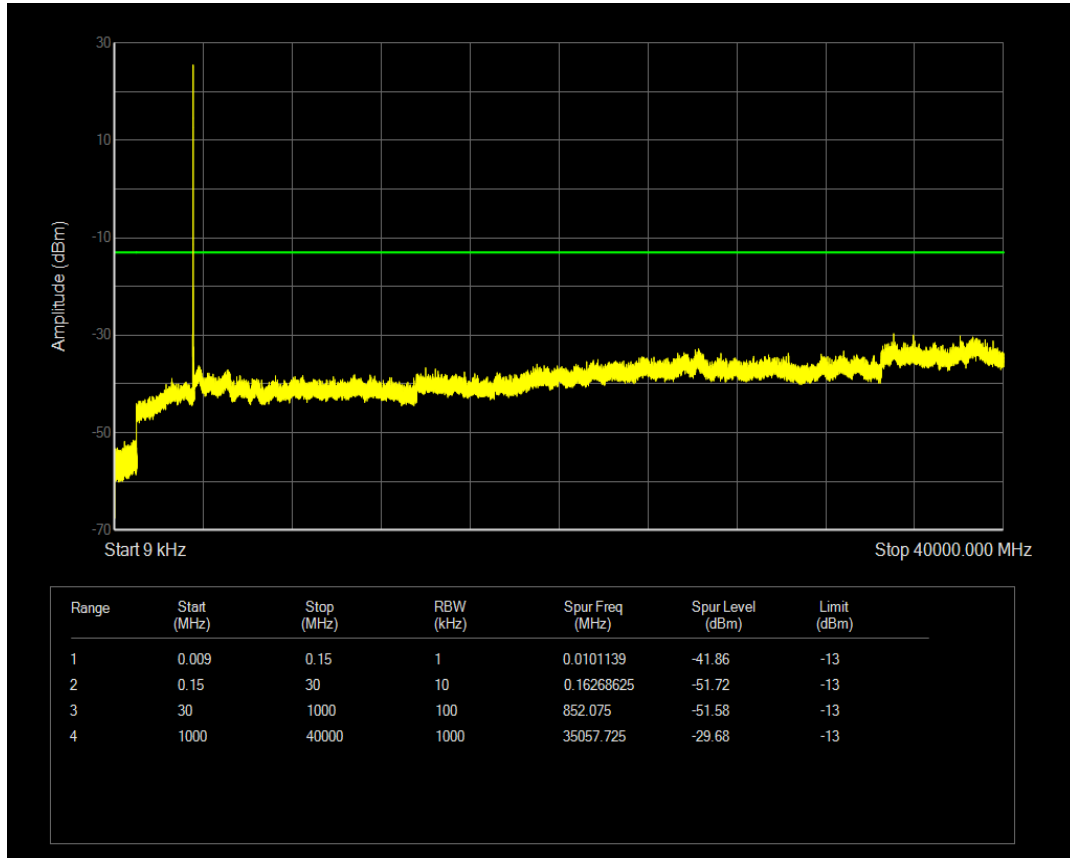
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50@0



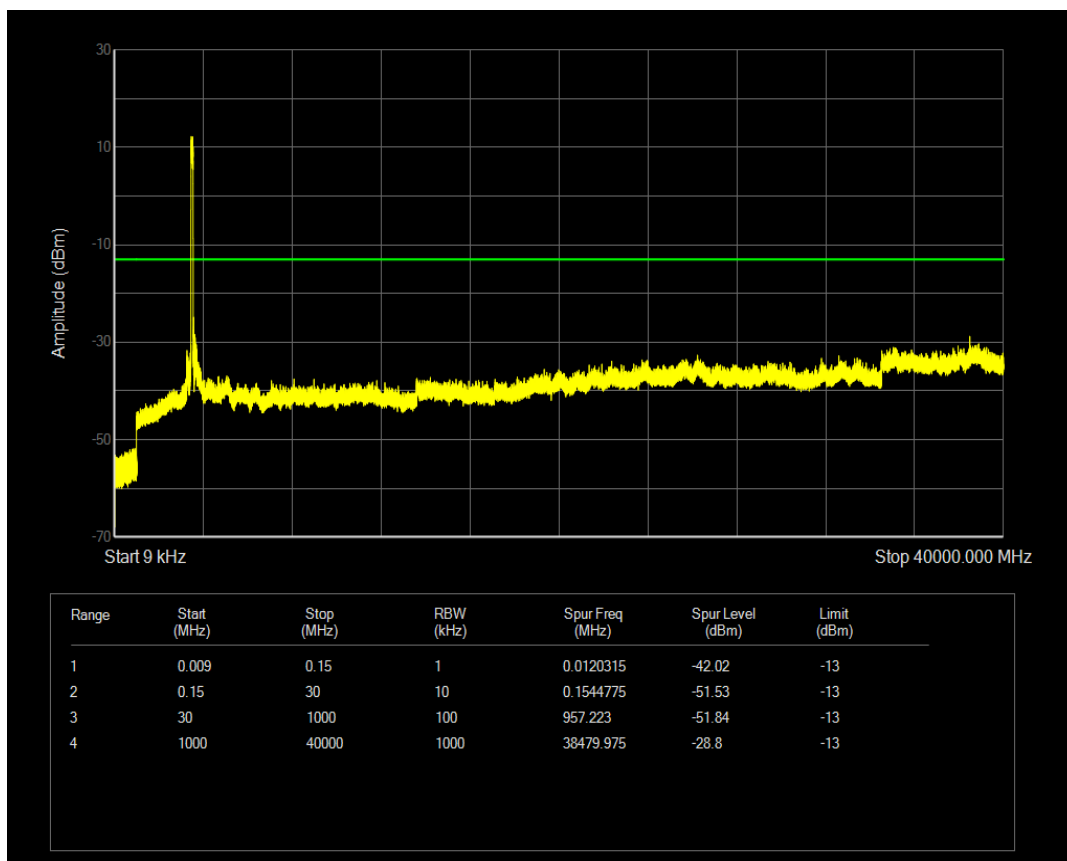
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=1@0



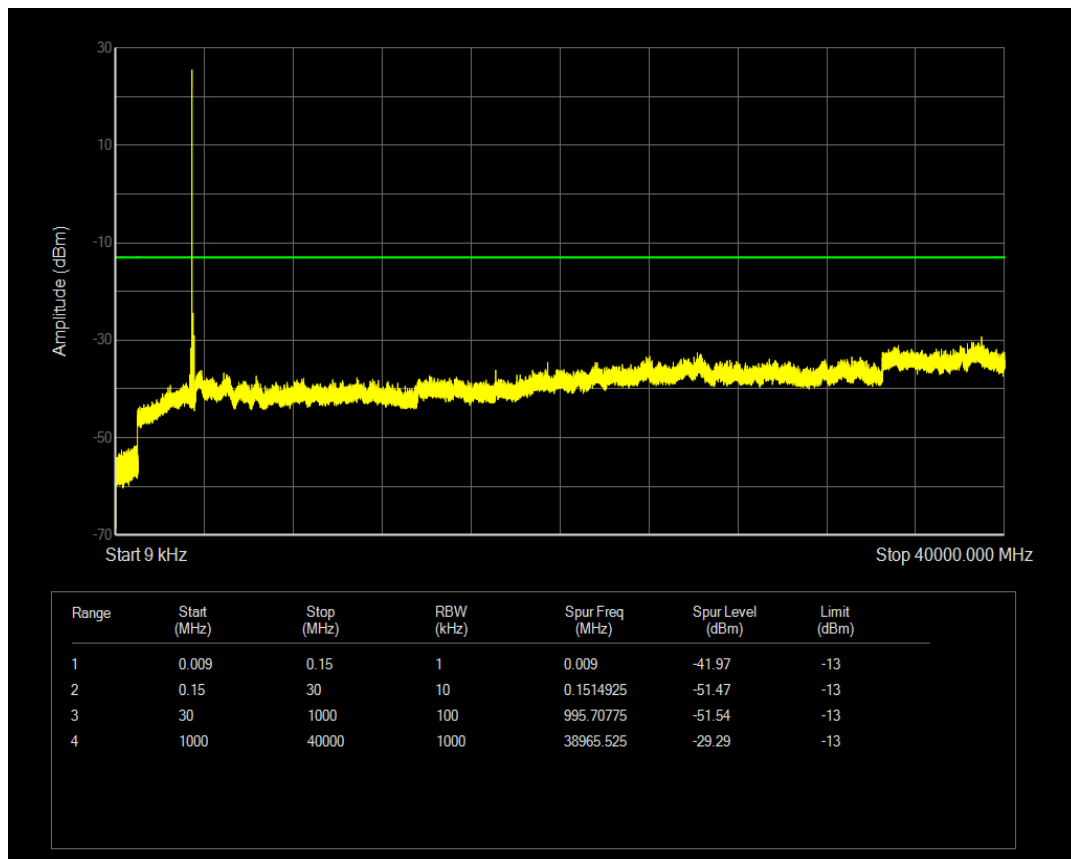
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=1@50



n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=1@272

