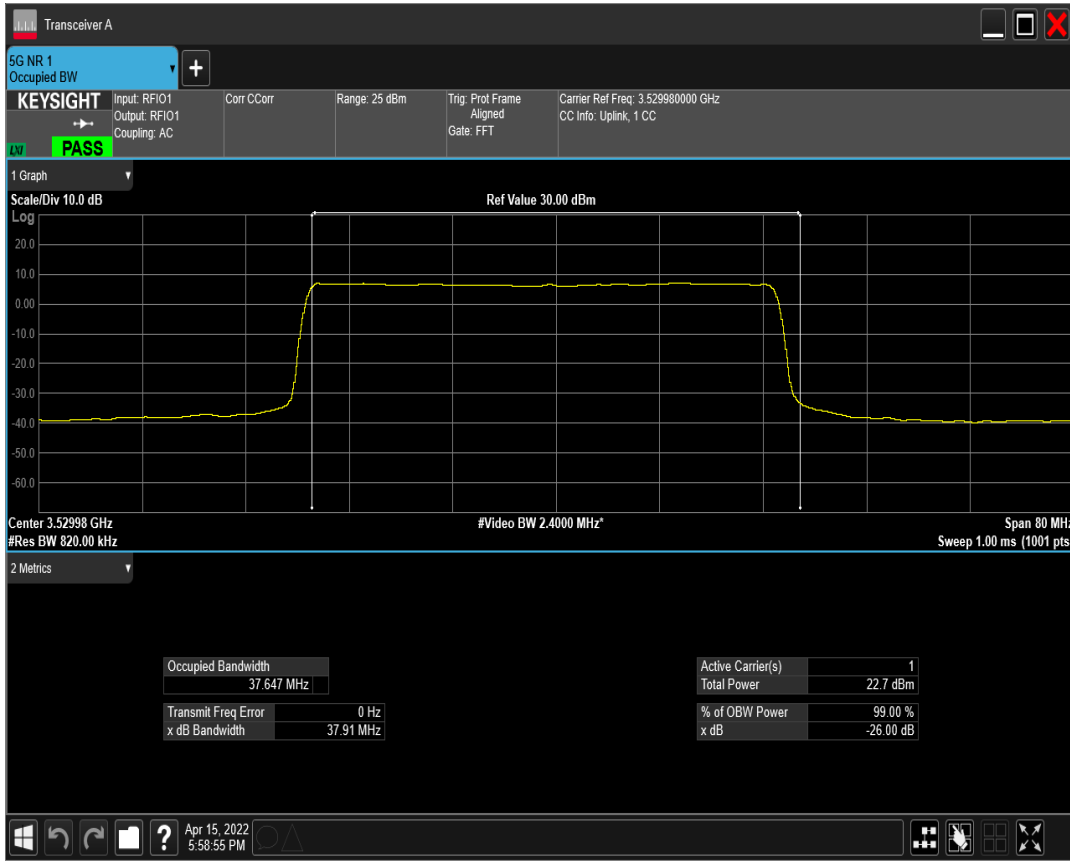
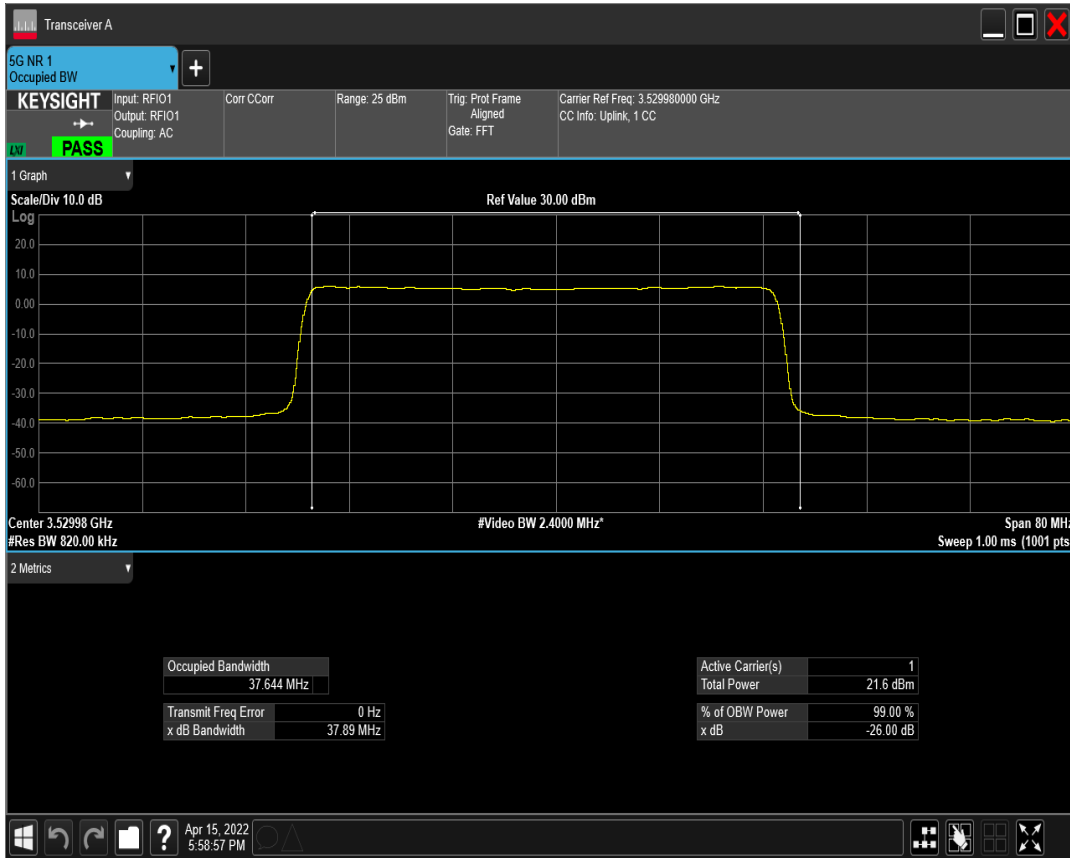


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=635332 RB=100@0



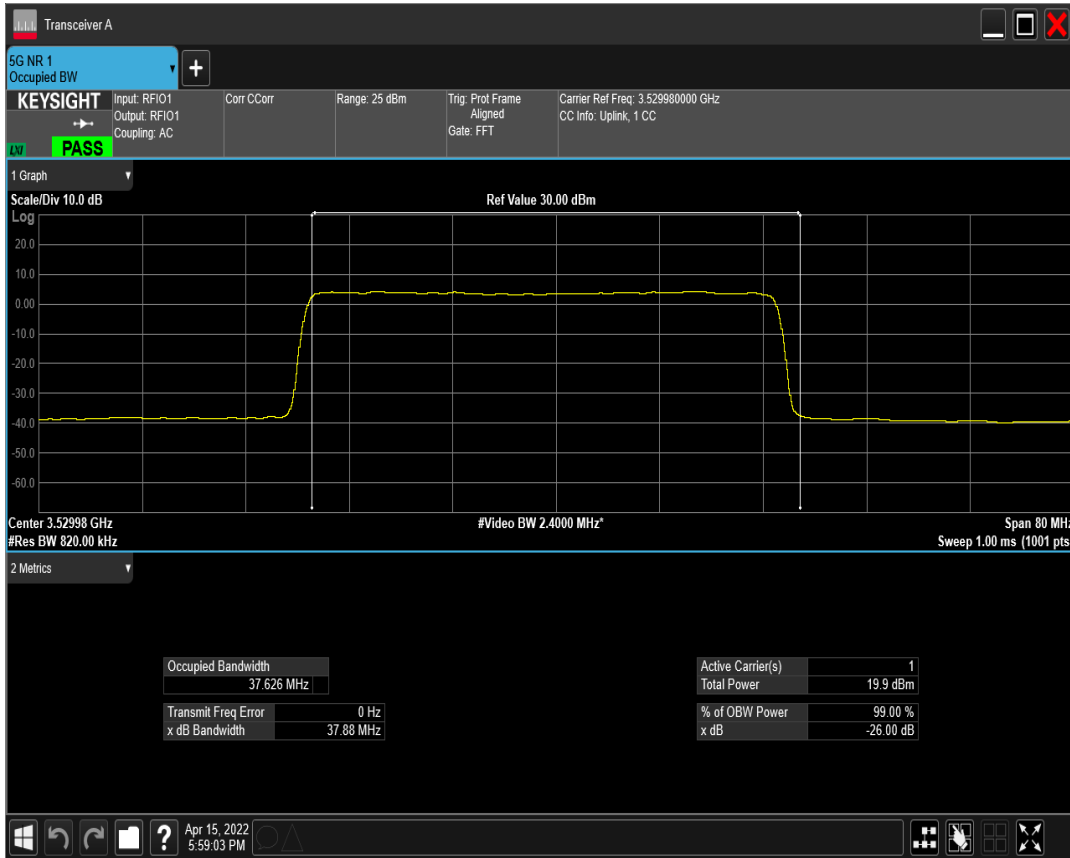
n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=635332 RB=100@0



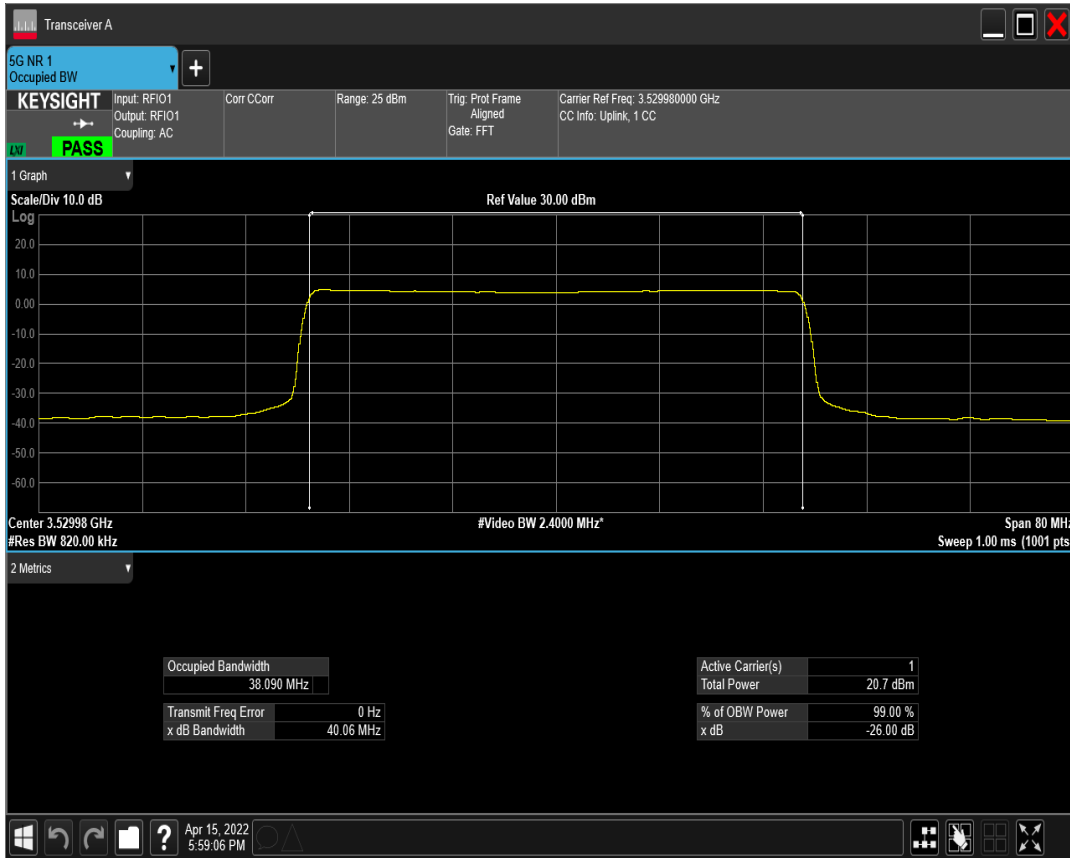
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0



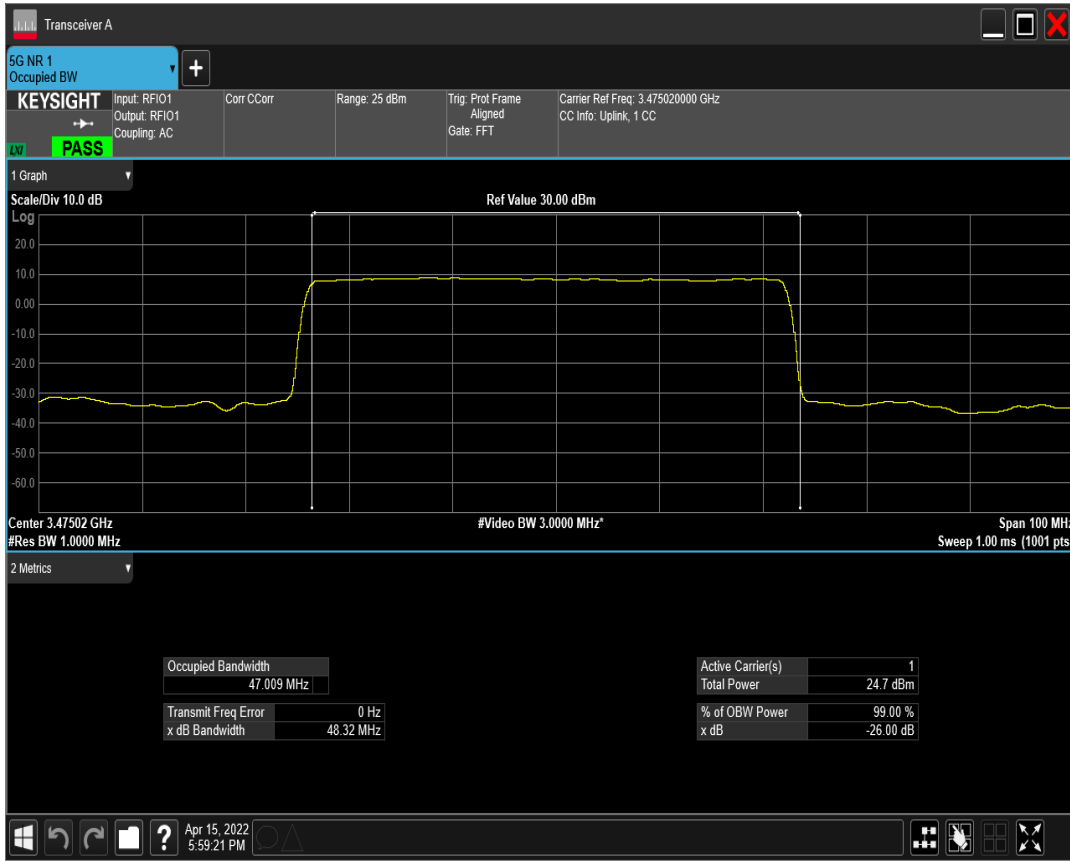
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=100@0



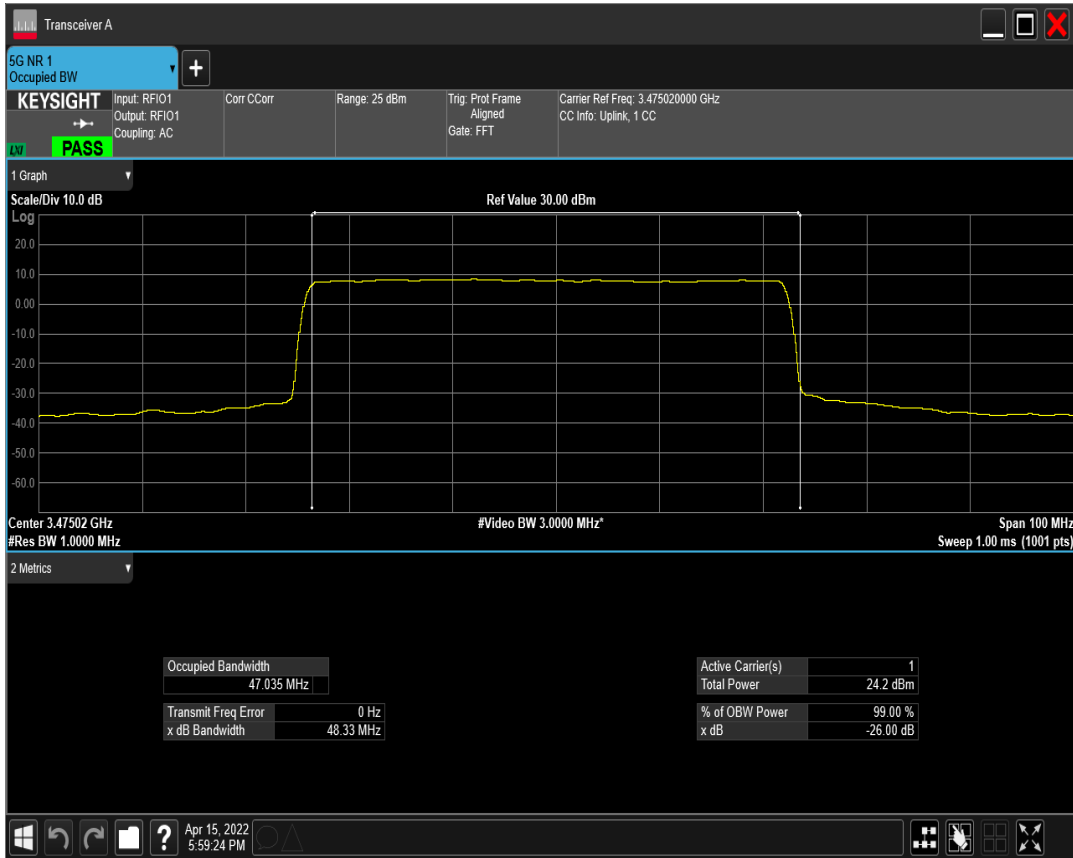
n78(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=635332 RB=106@0



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

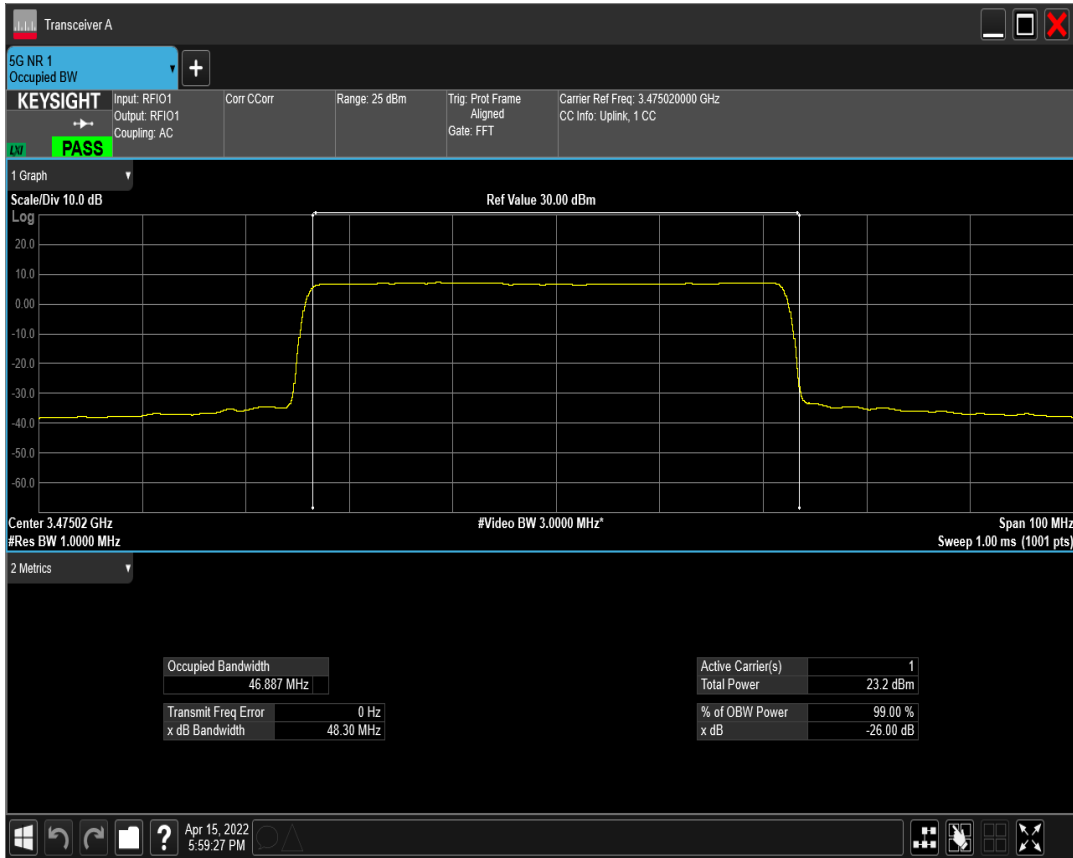


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=631668 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=128@0

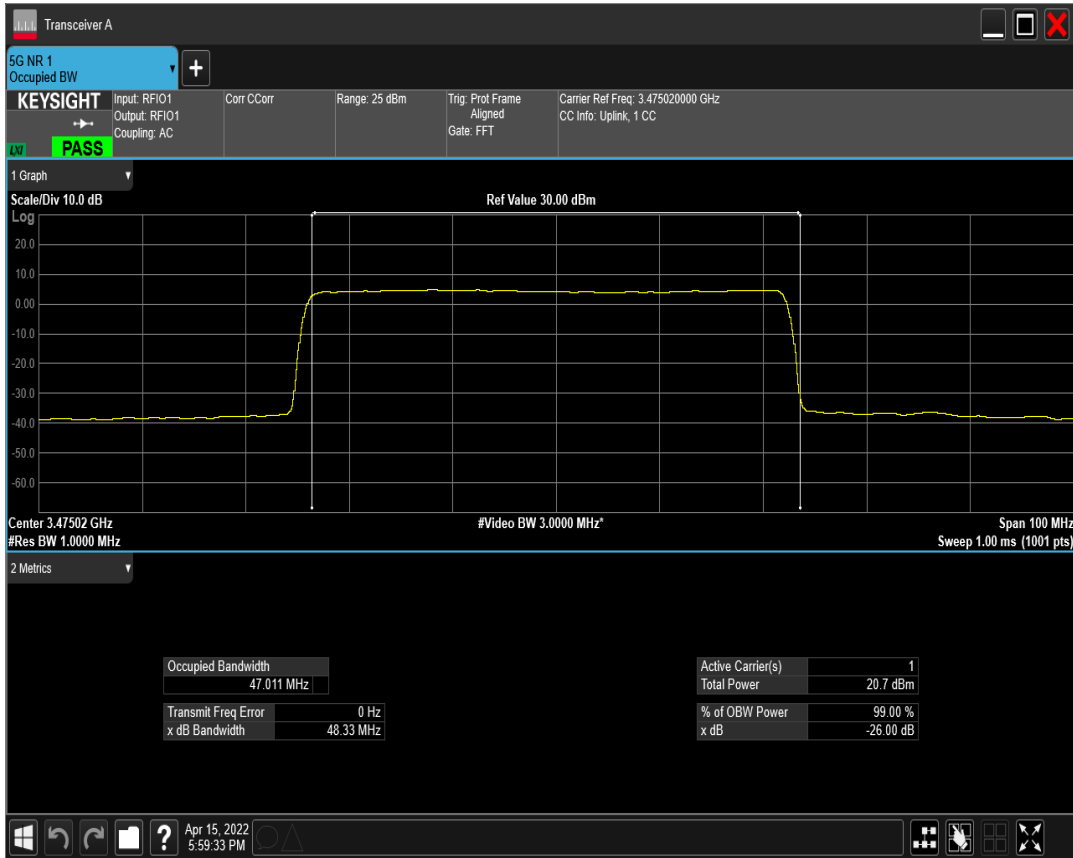




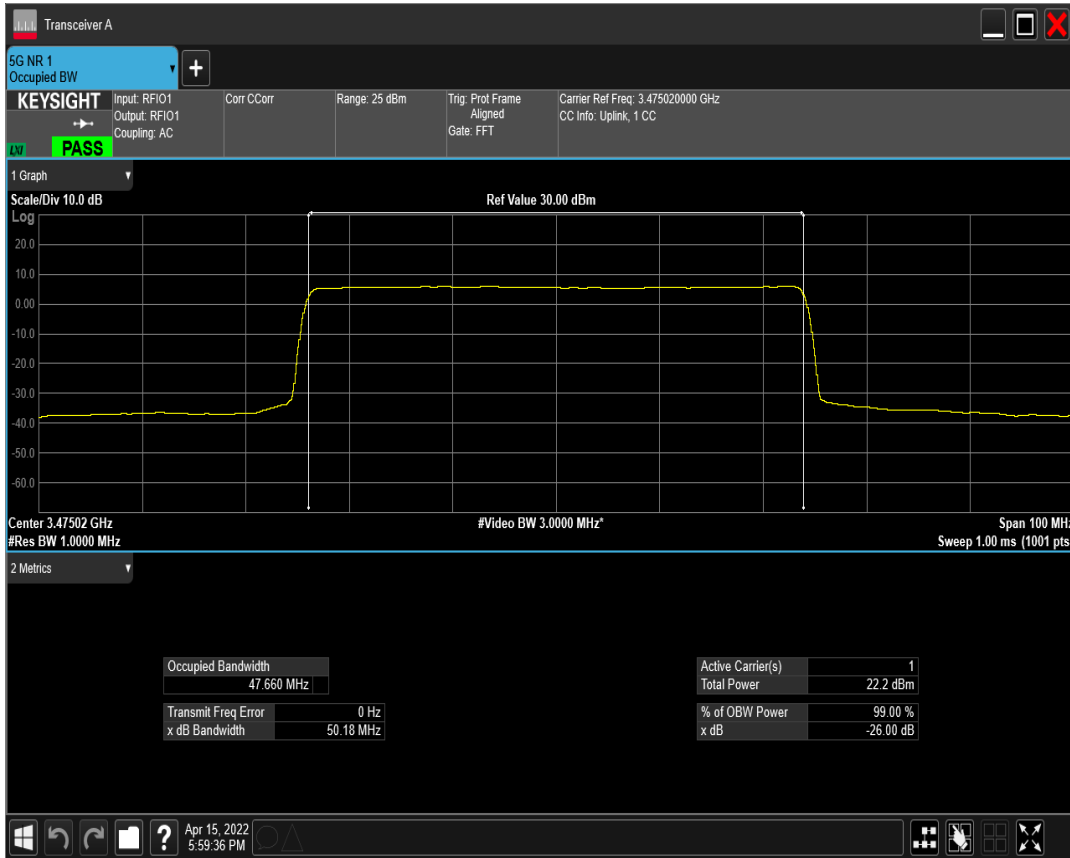
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=128@0



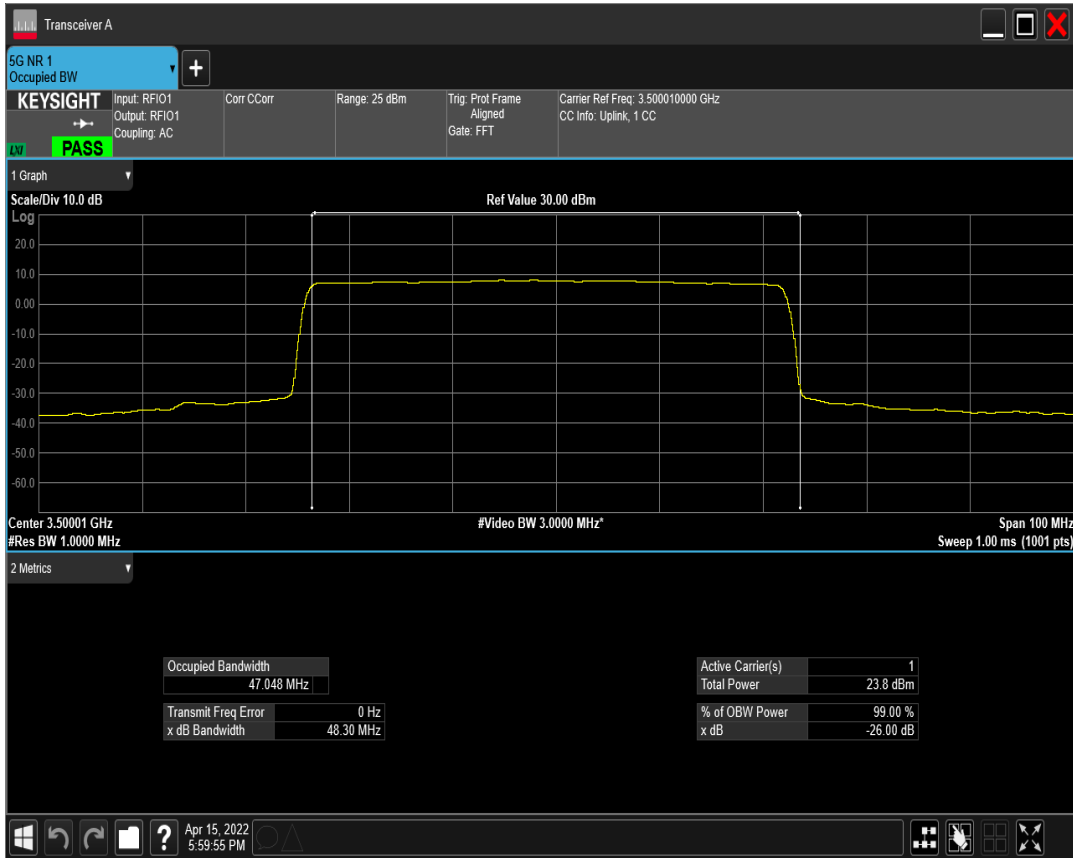
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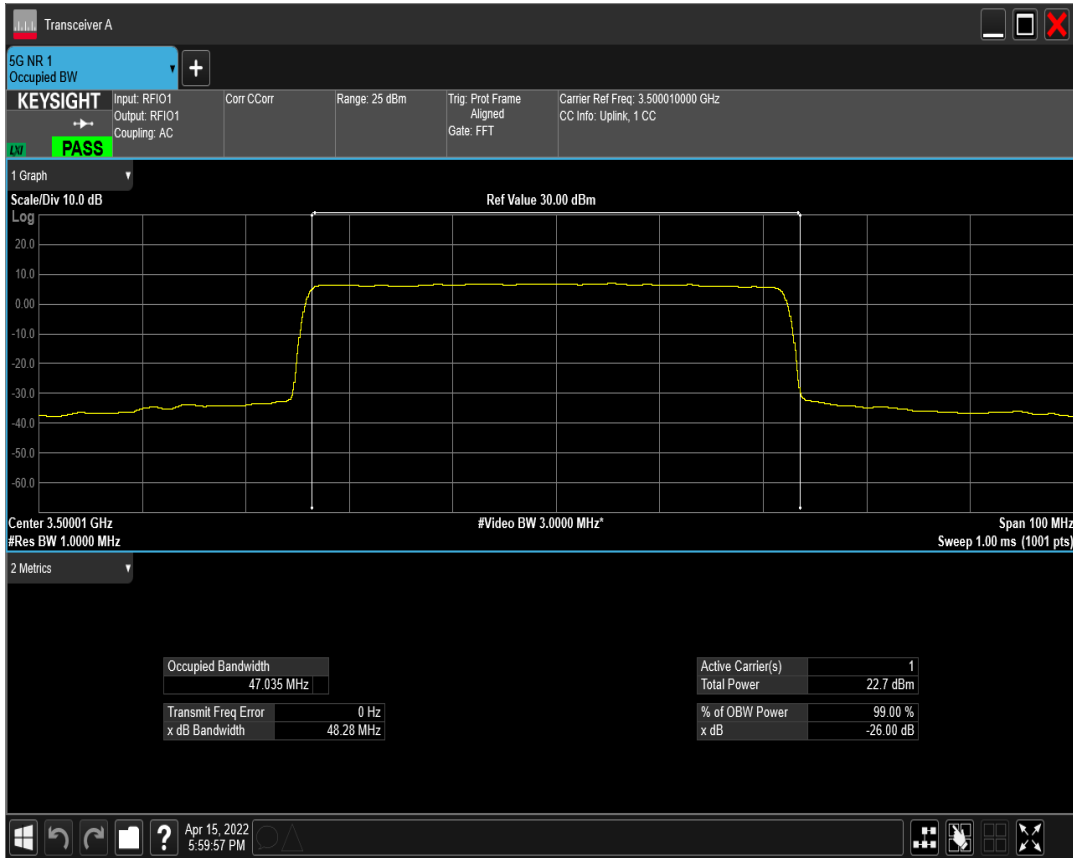
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=633334 RB=128@0



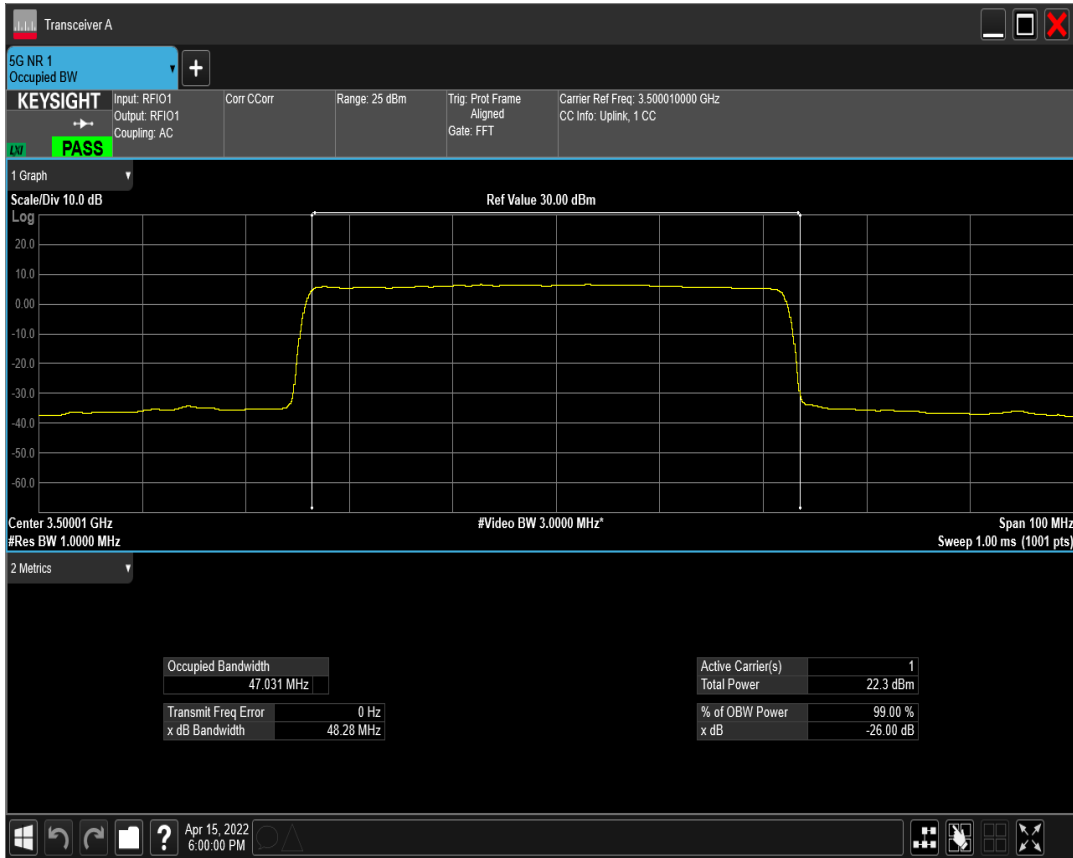
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0





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



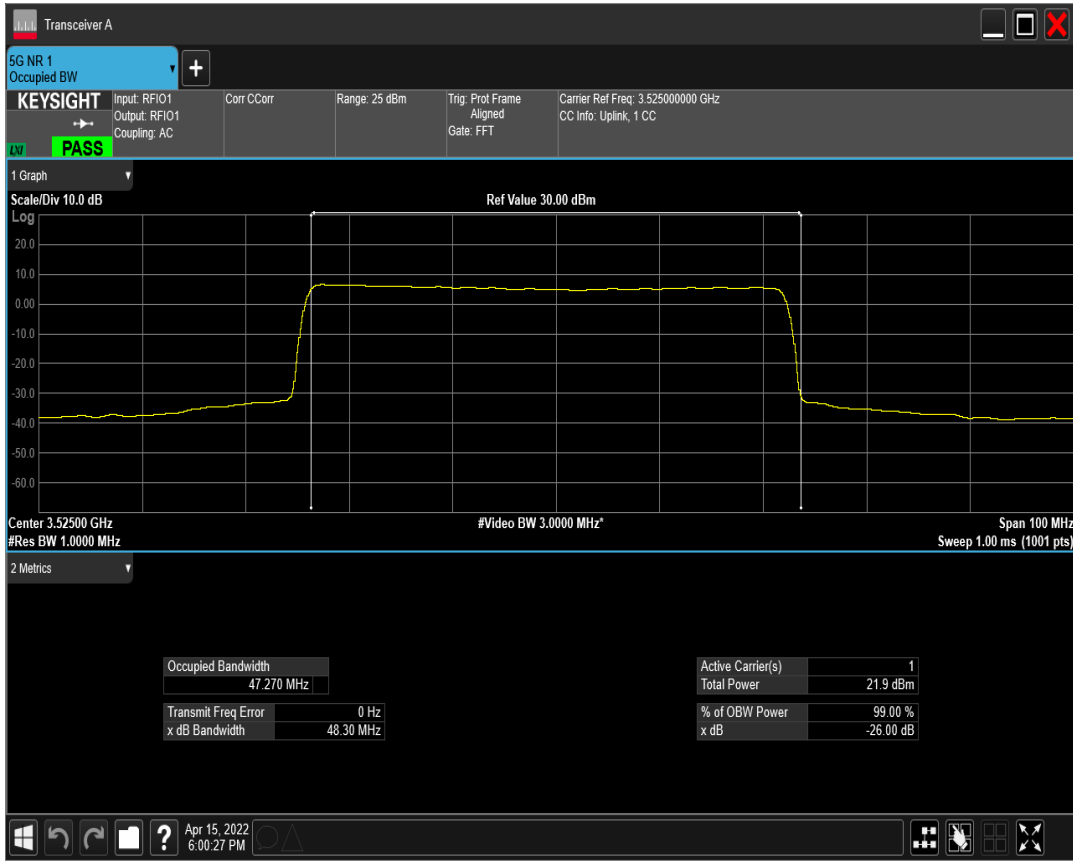
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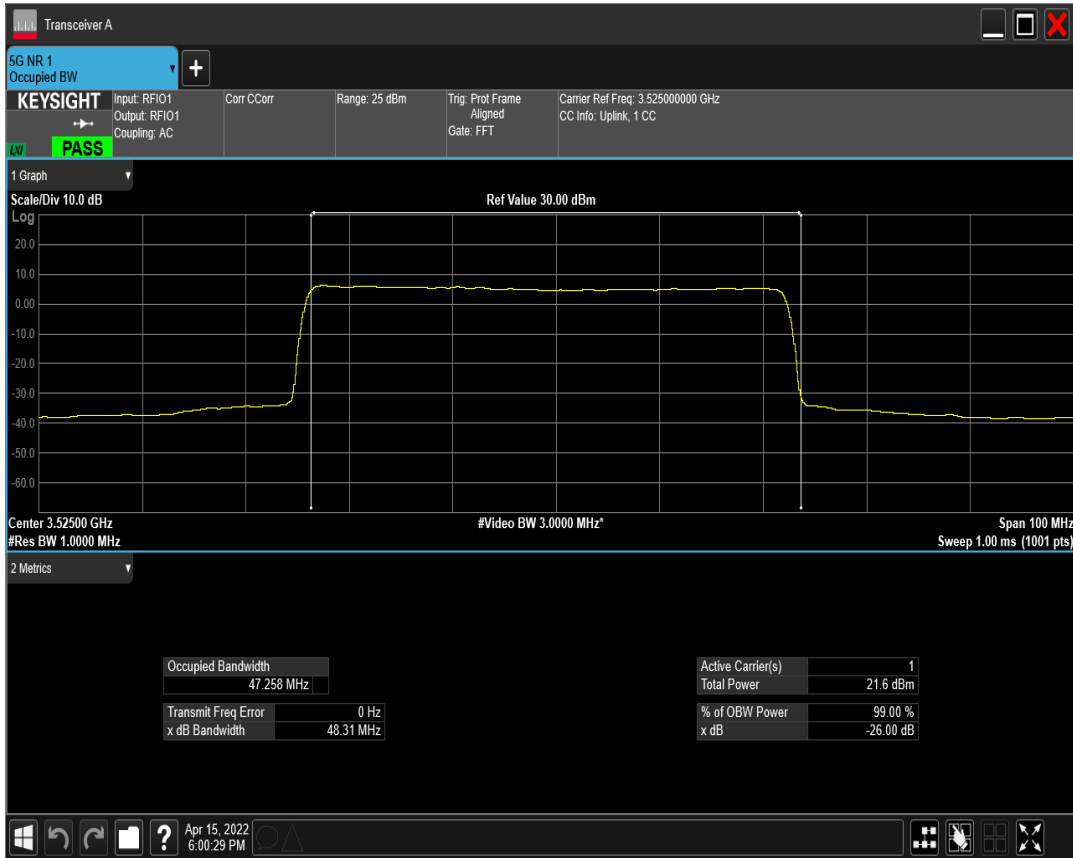
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=635000 RB=128@0



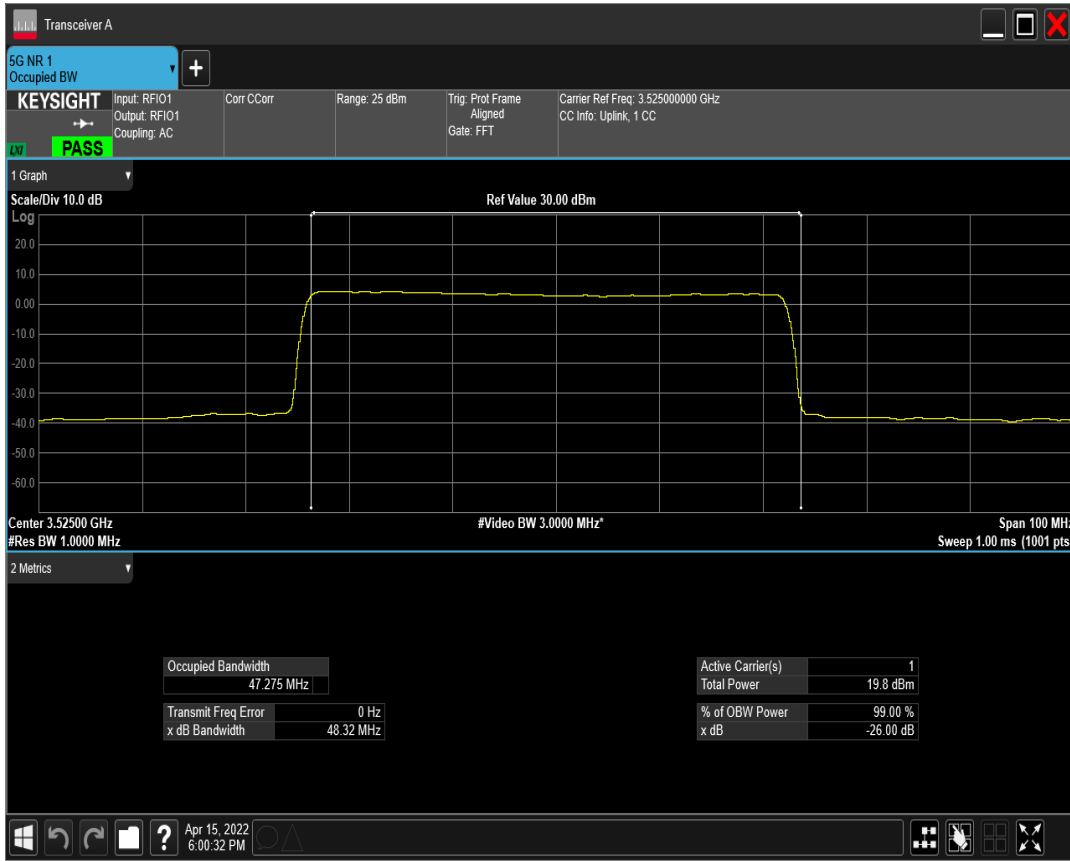
n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=635000 RB=128@0



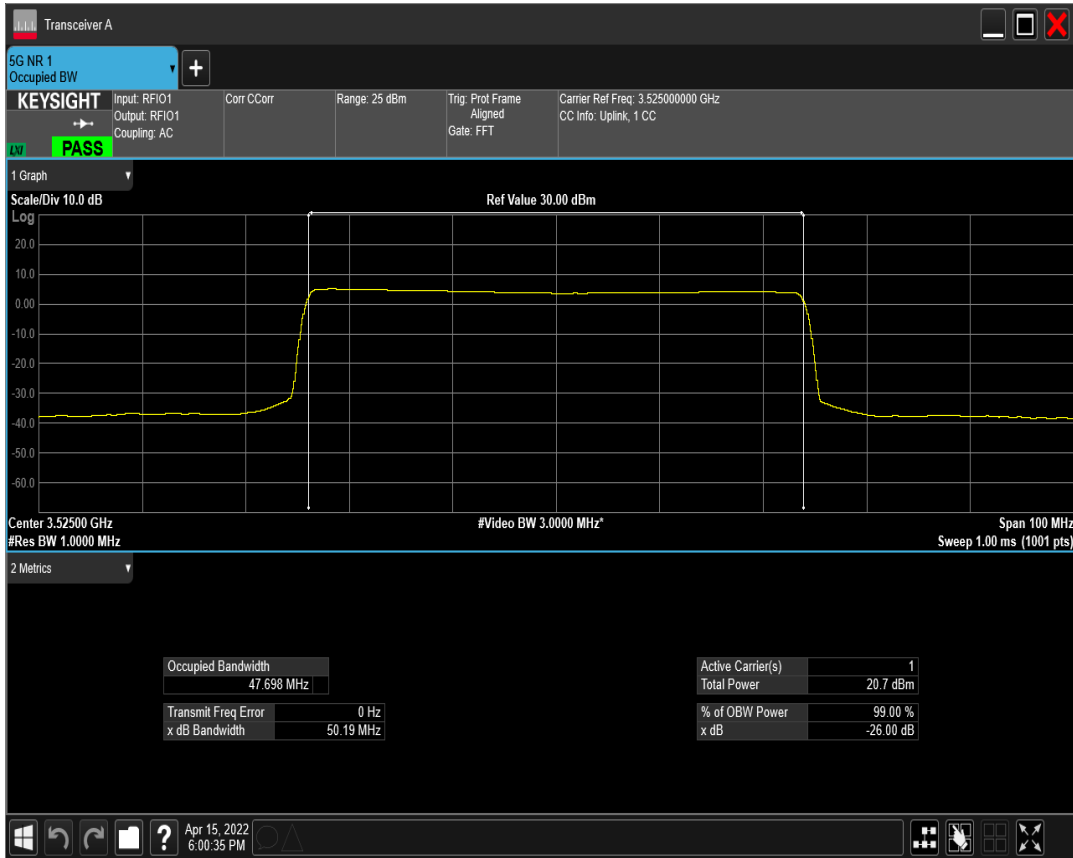
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0



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

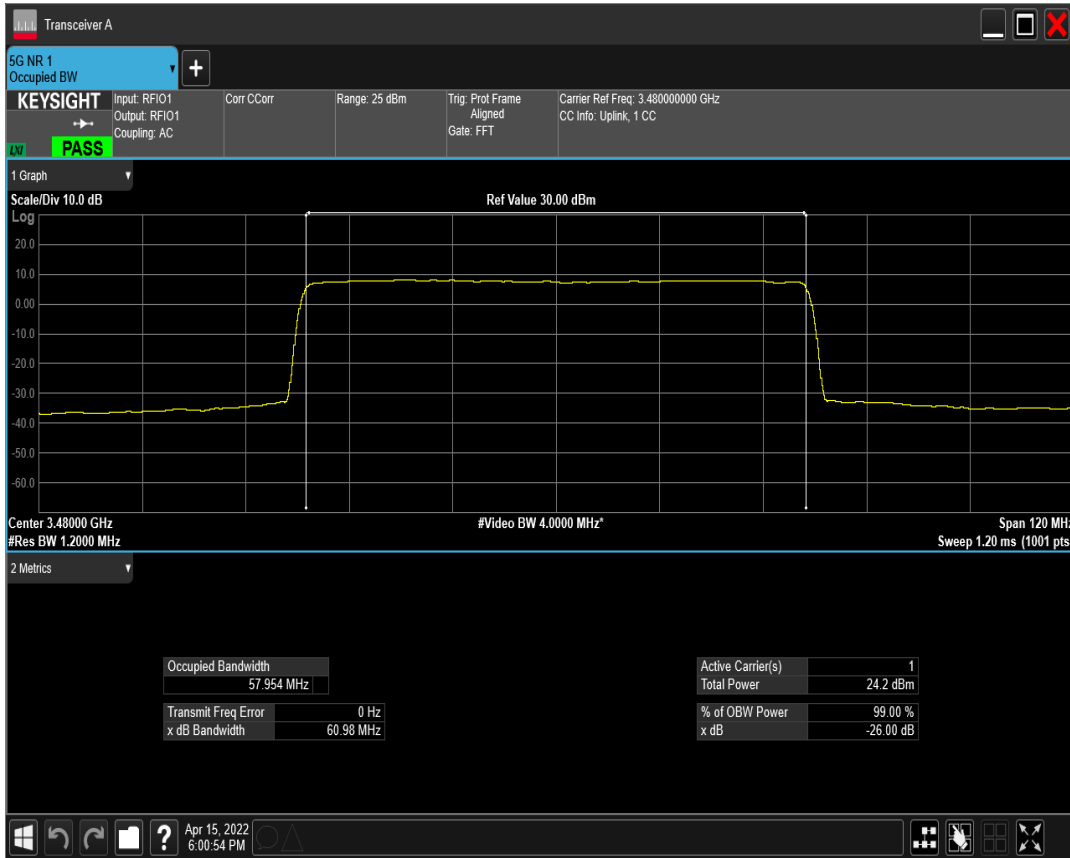


n78(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=632000 RB=162@0

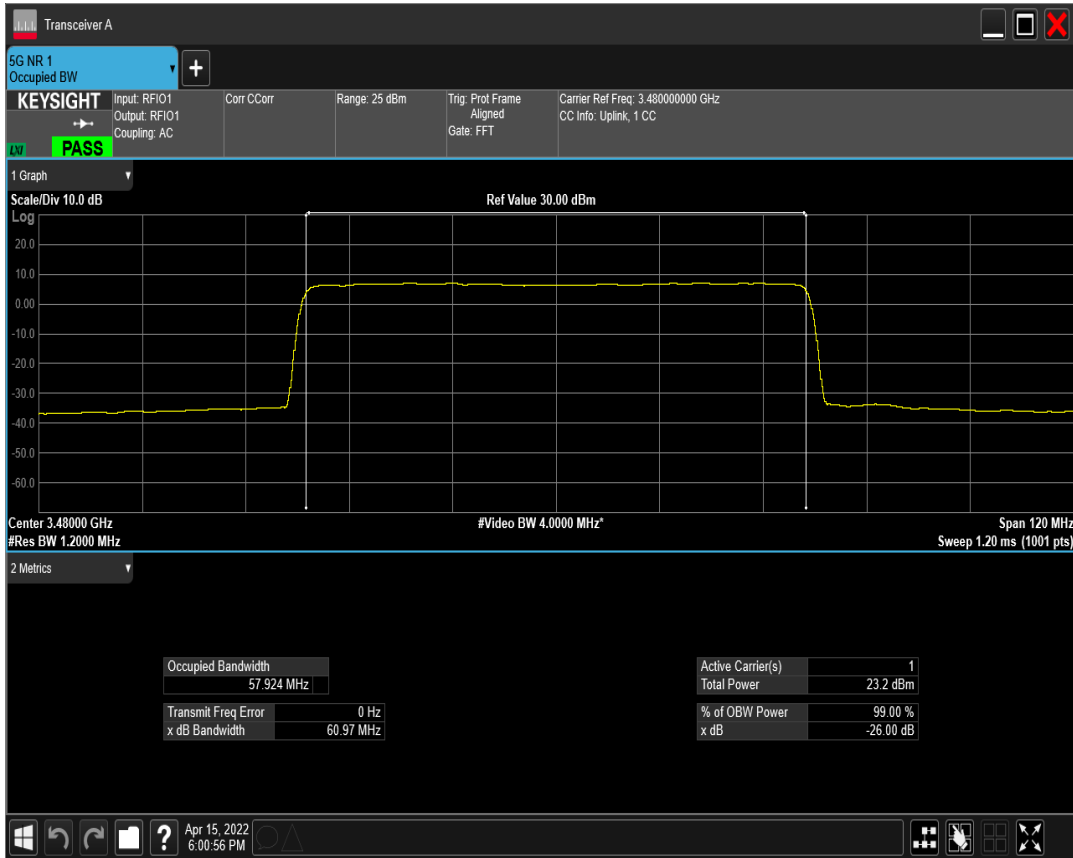




n78(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0



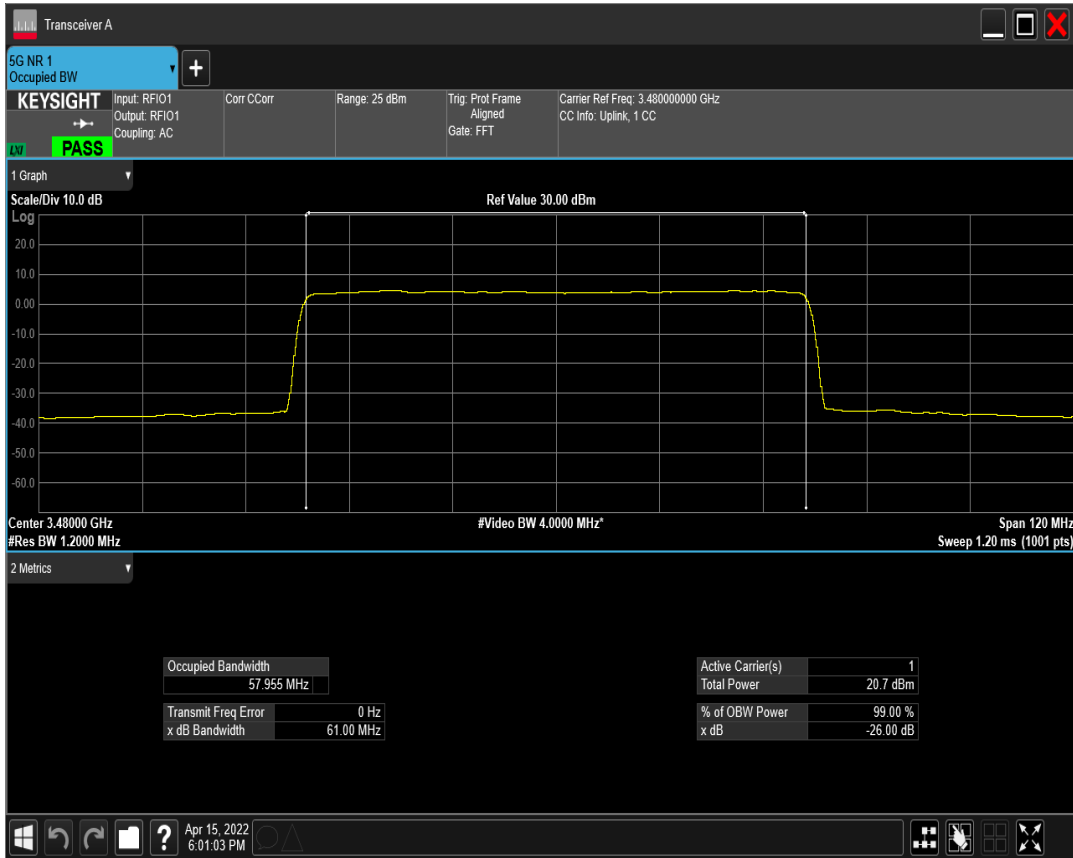
n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=632000 RB=162@0



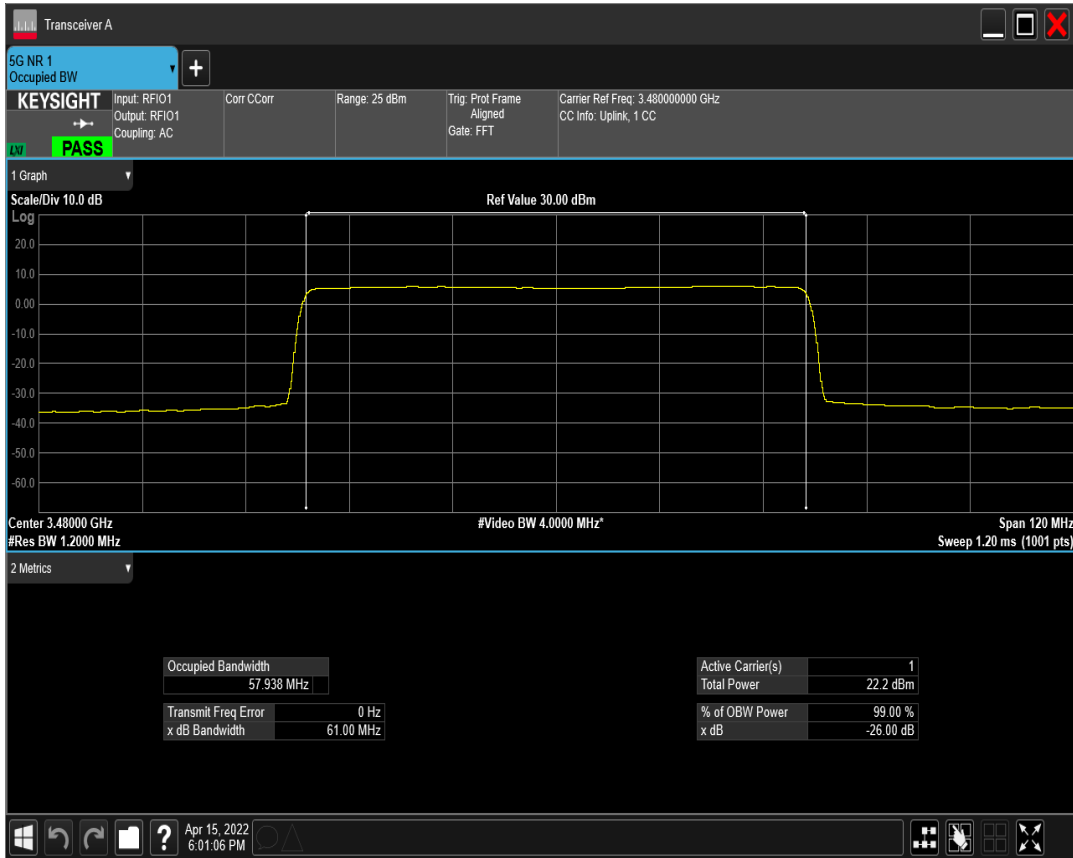
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=632000 RB=162@0



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



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

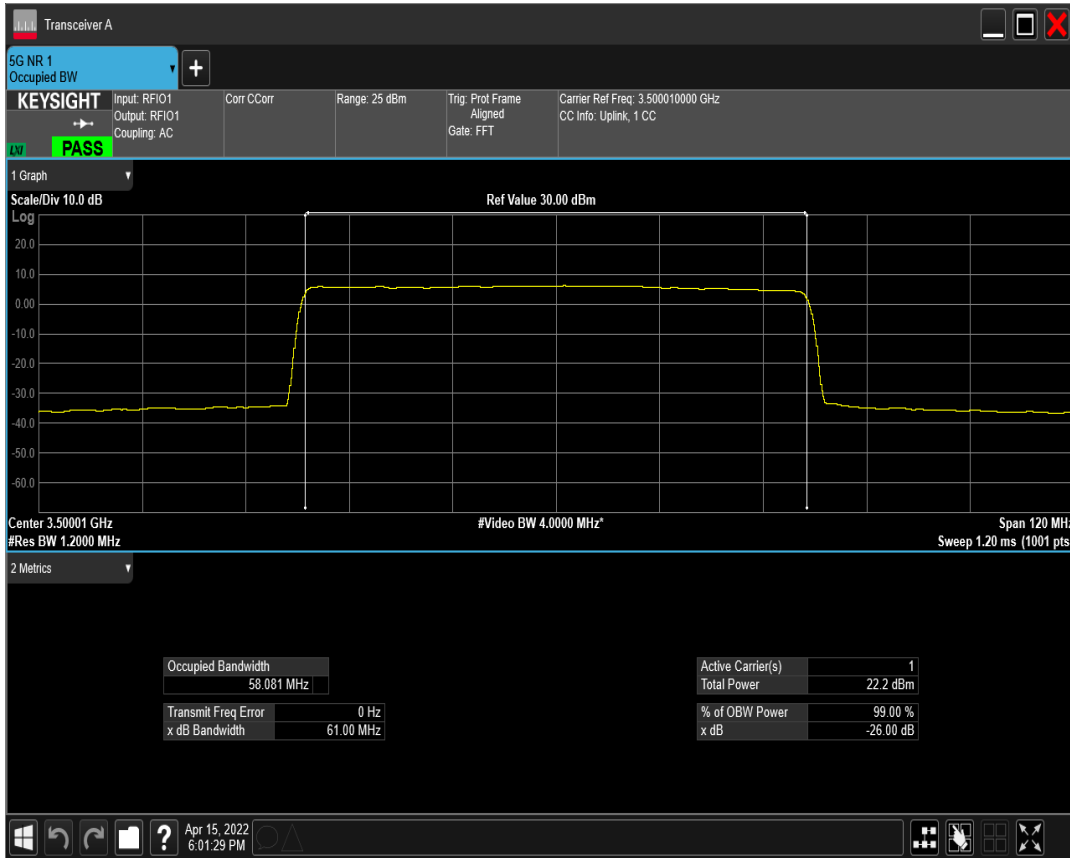


n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=633334 RB=162@0





n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0



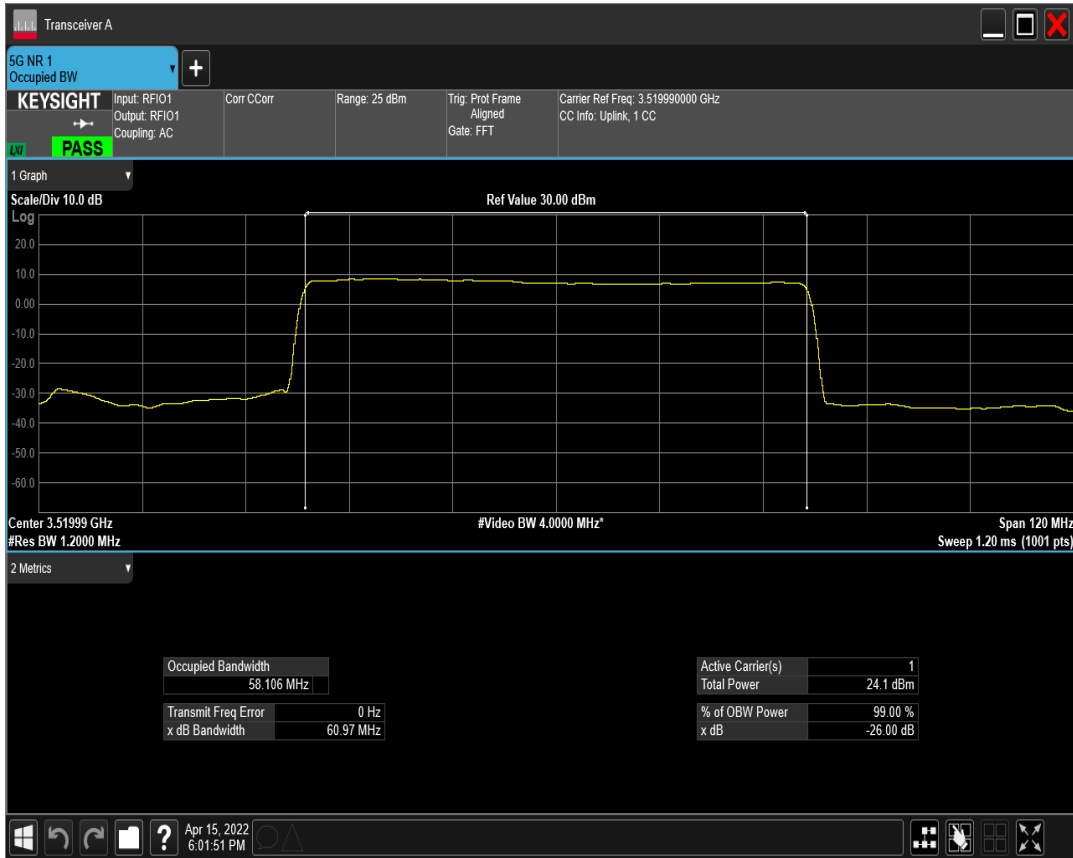
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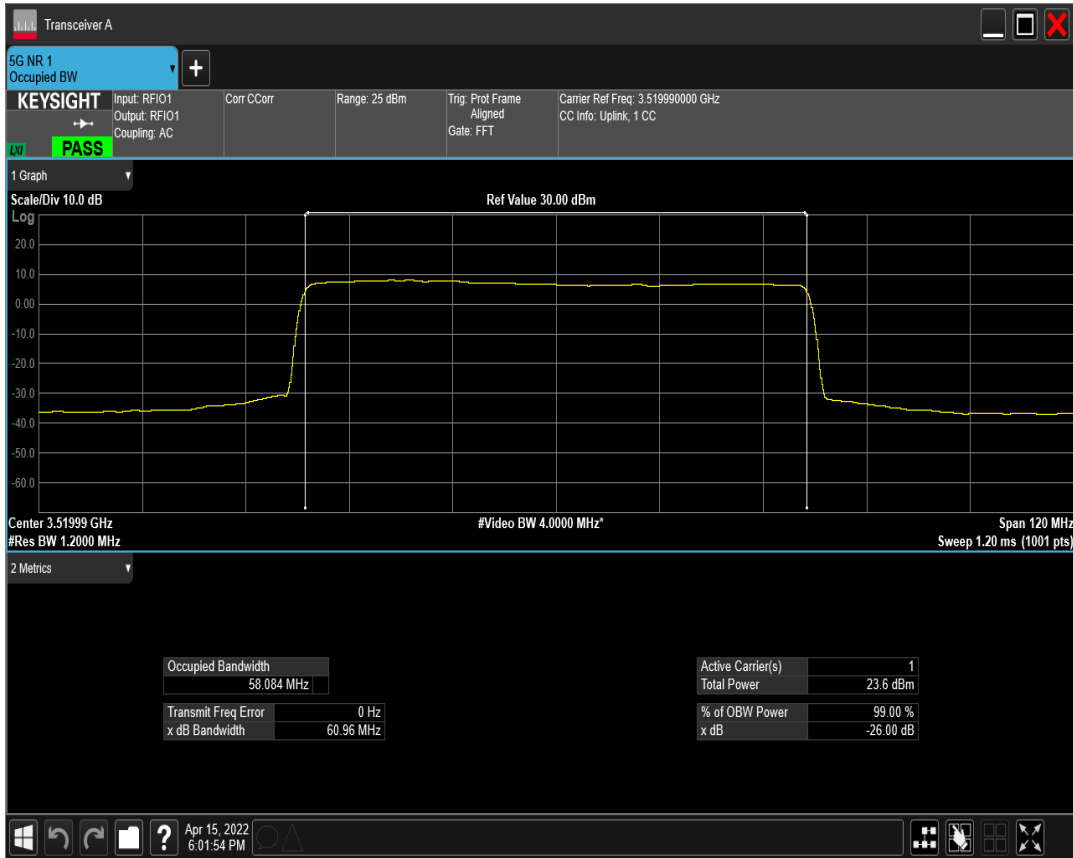
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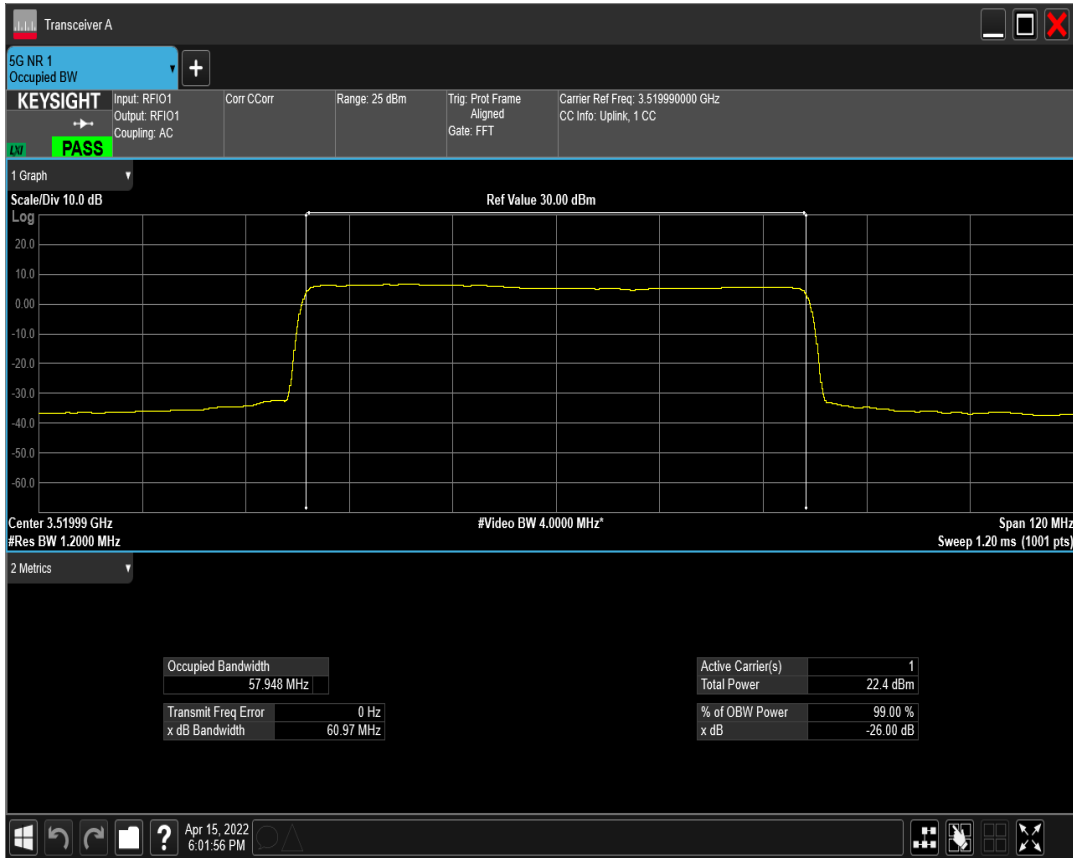
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=634666 RB=162@0



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

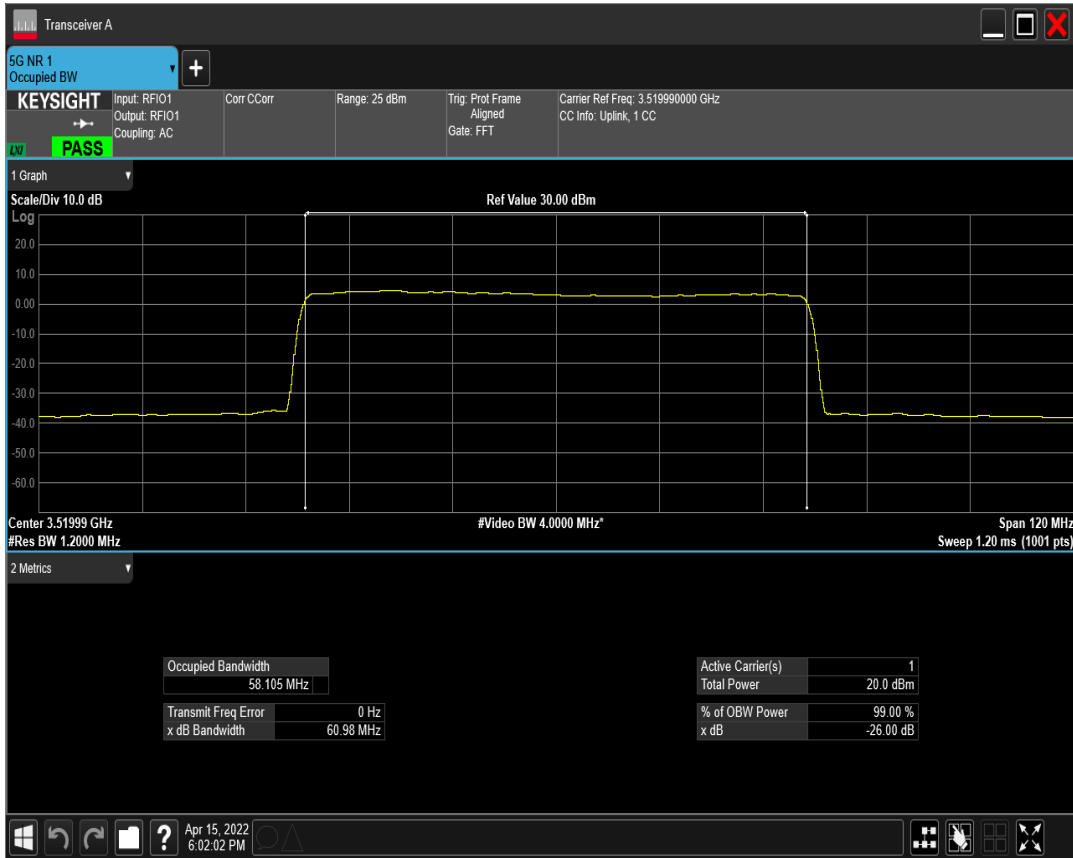


n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=634666 RB=162@0

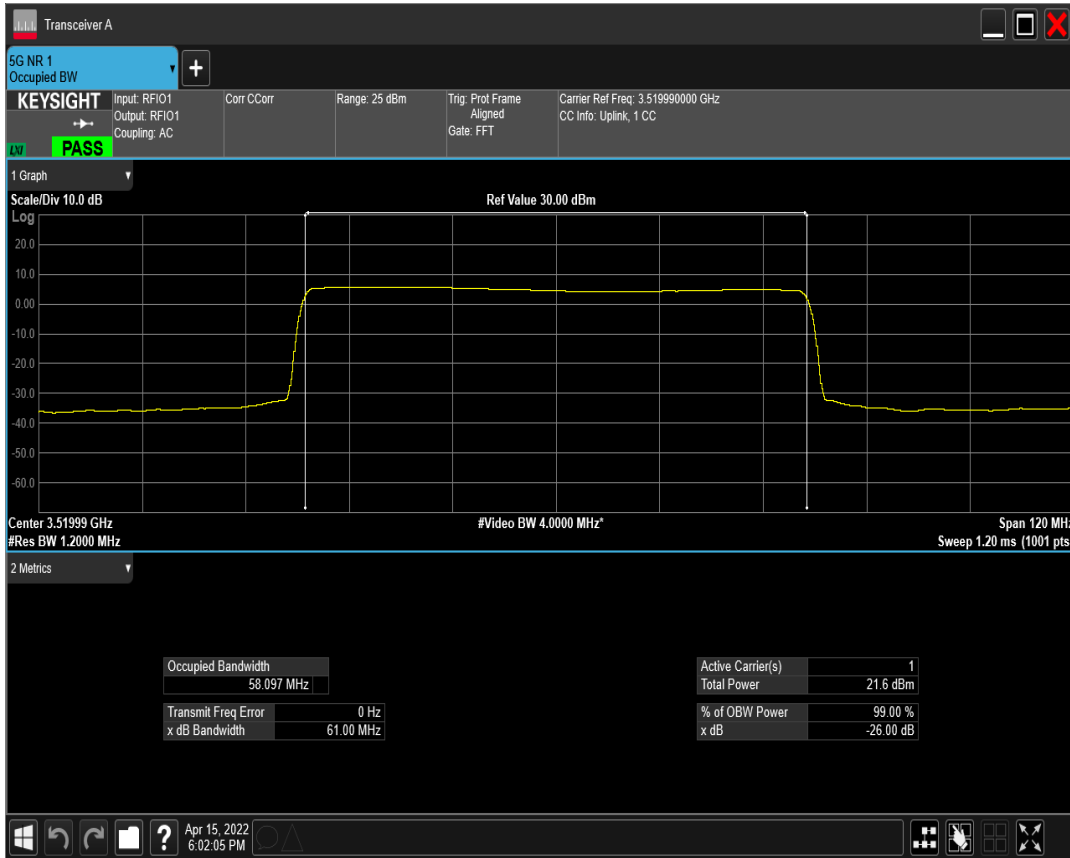


n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=634666 RB=162@0

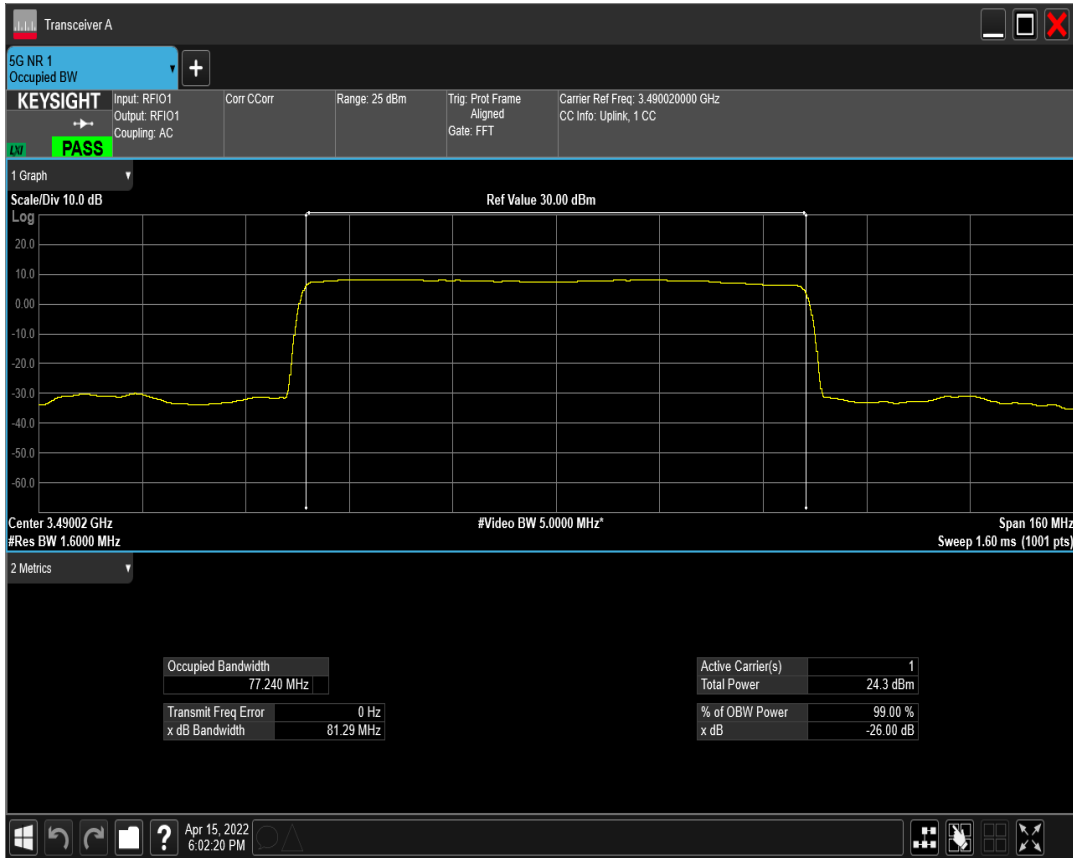




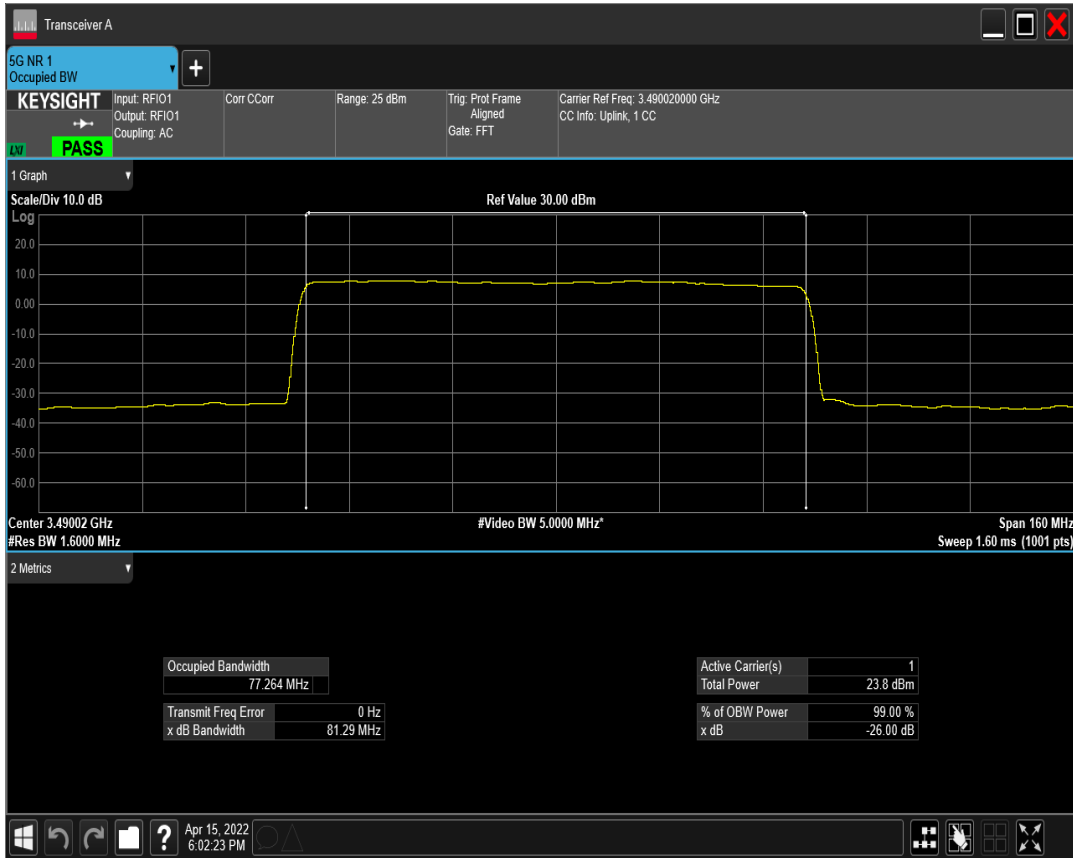
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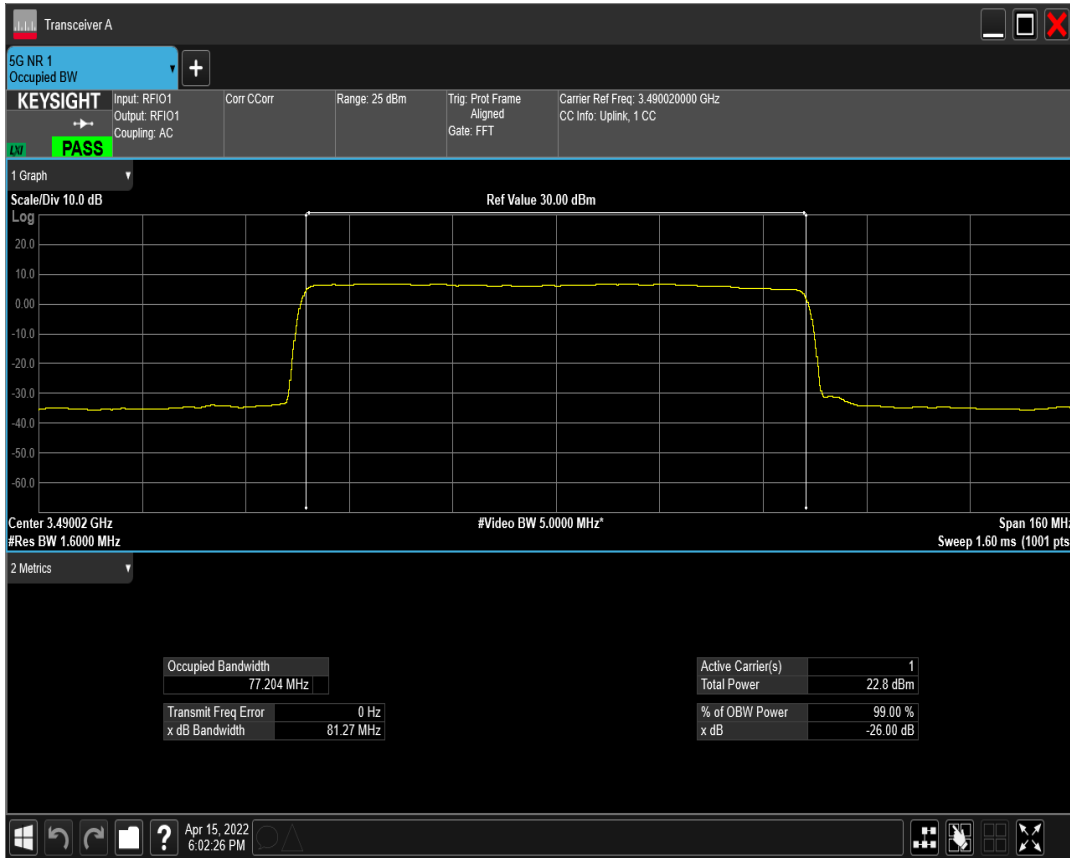
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=632668 RB=216@0



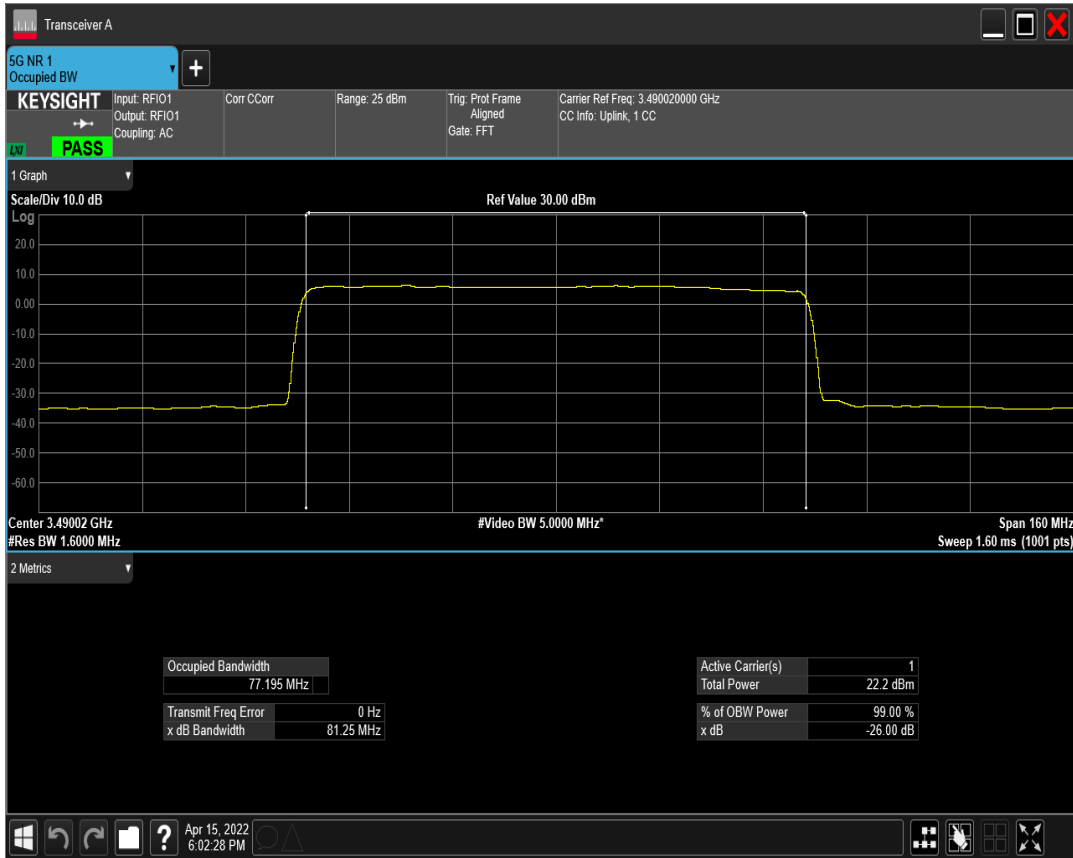
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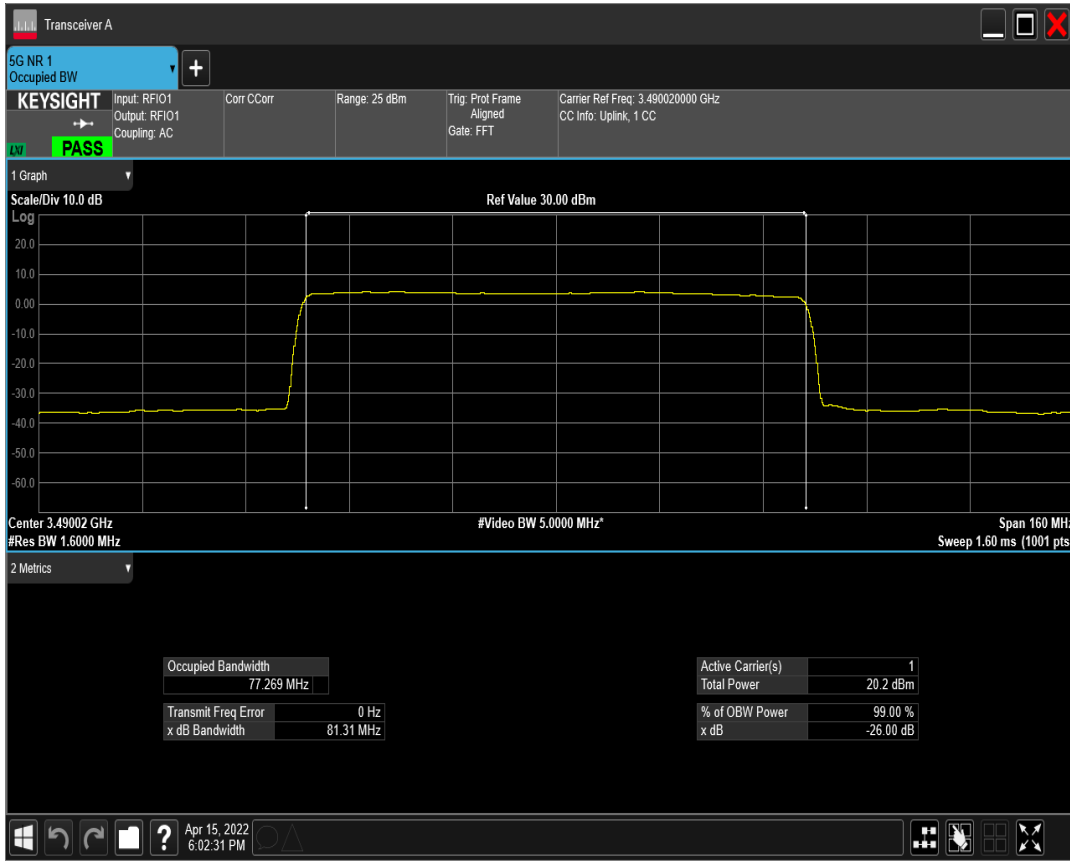
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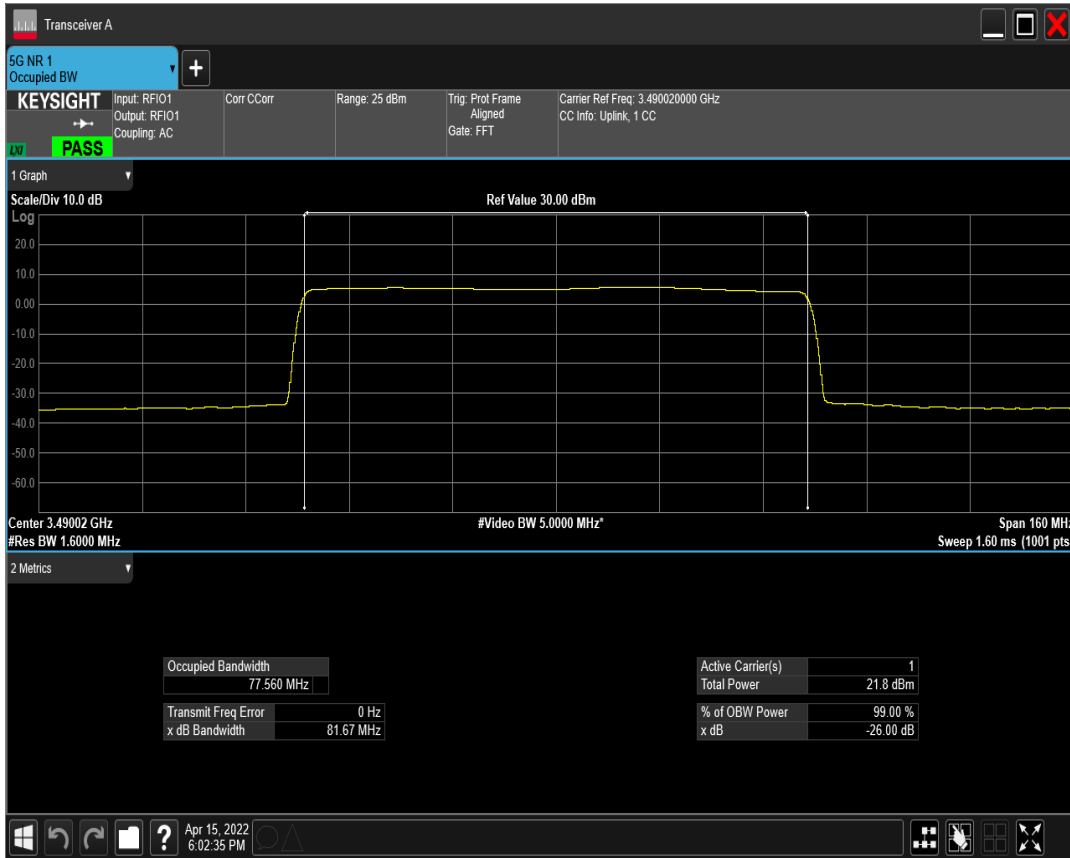
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=632668 RB=216@0

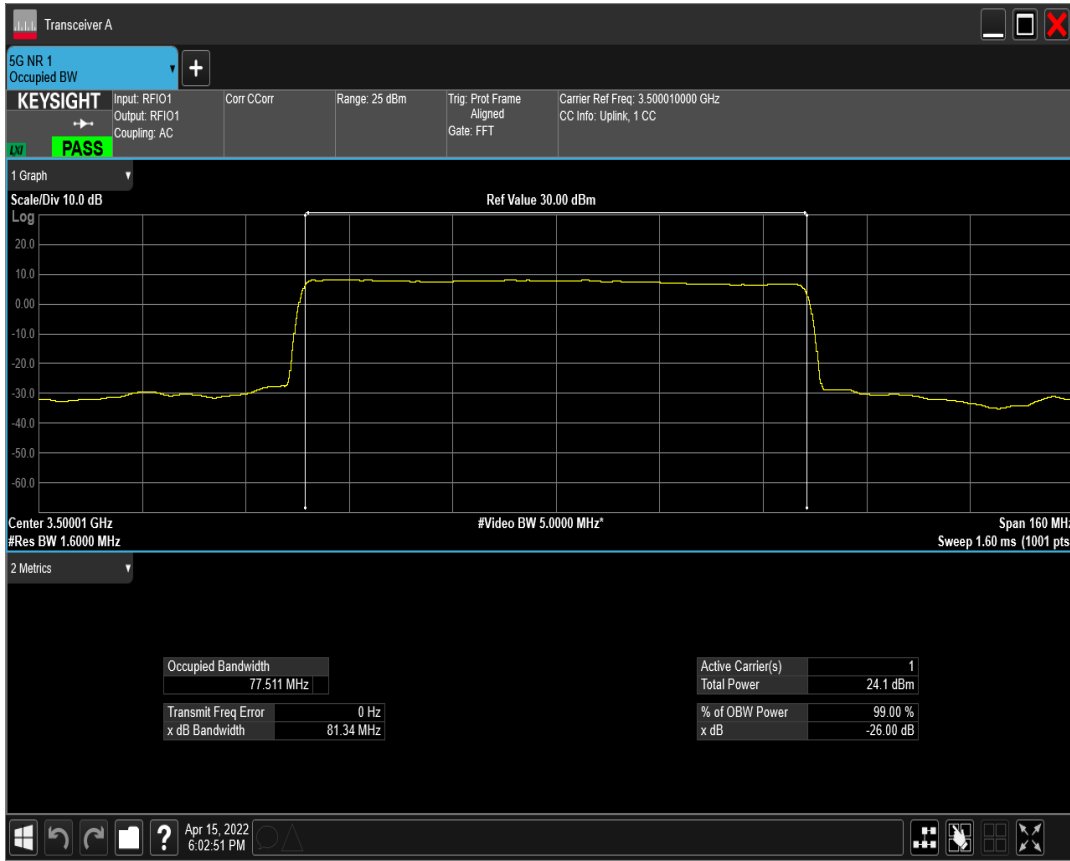


n78(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=632668 RB=217@0

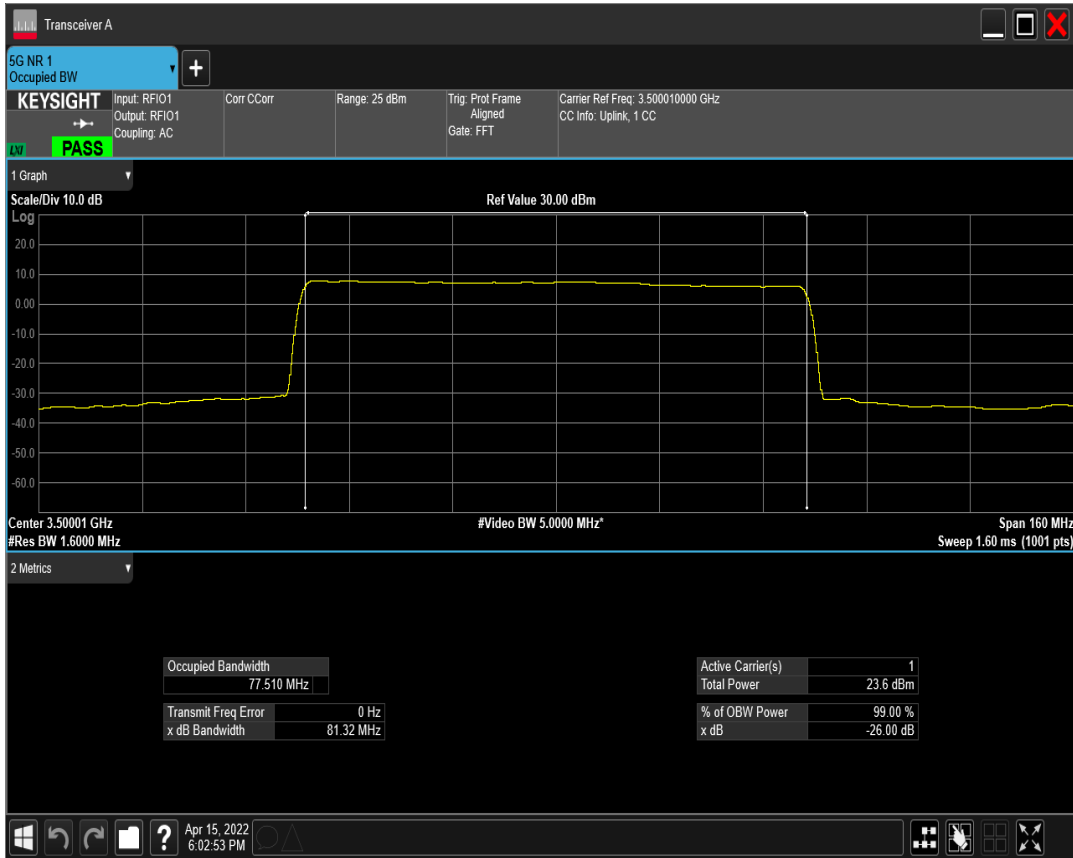


n78(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216@0

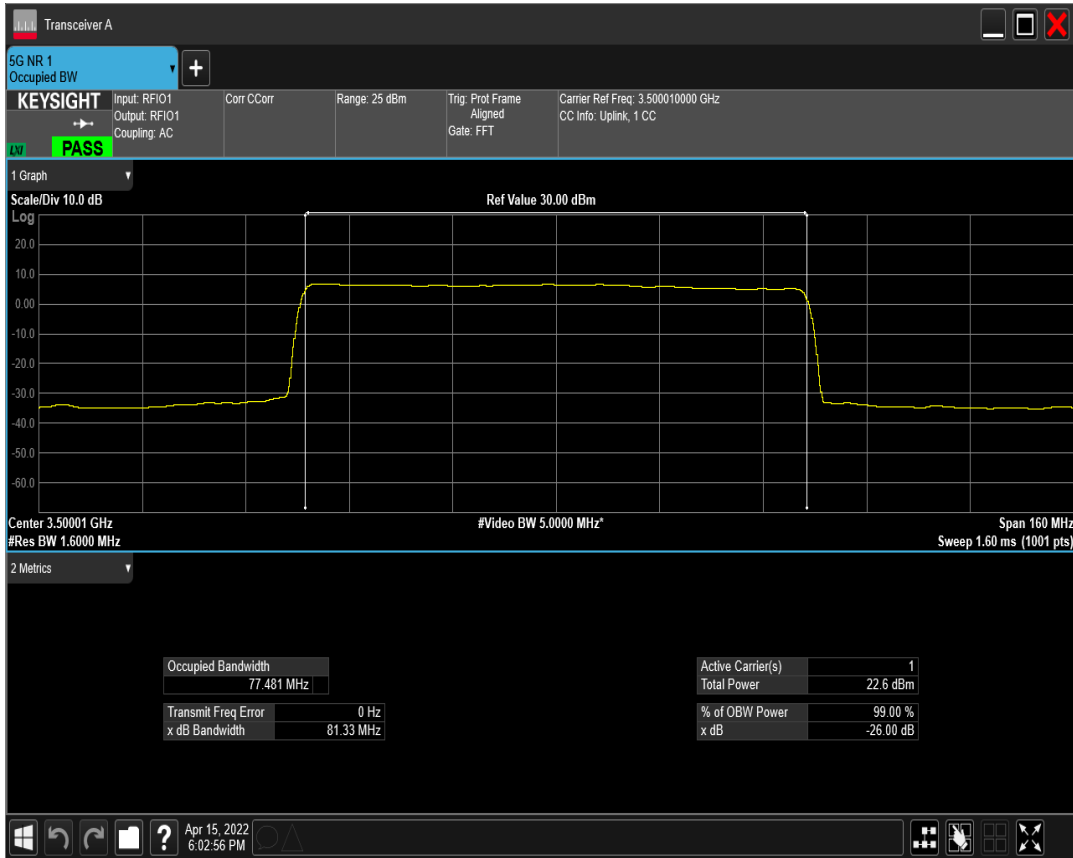




n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0



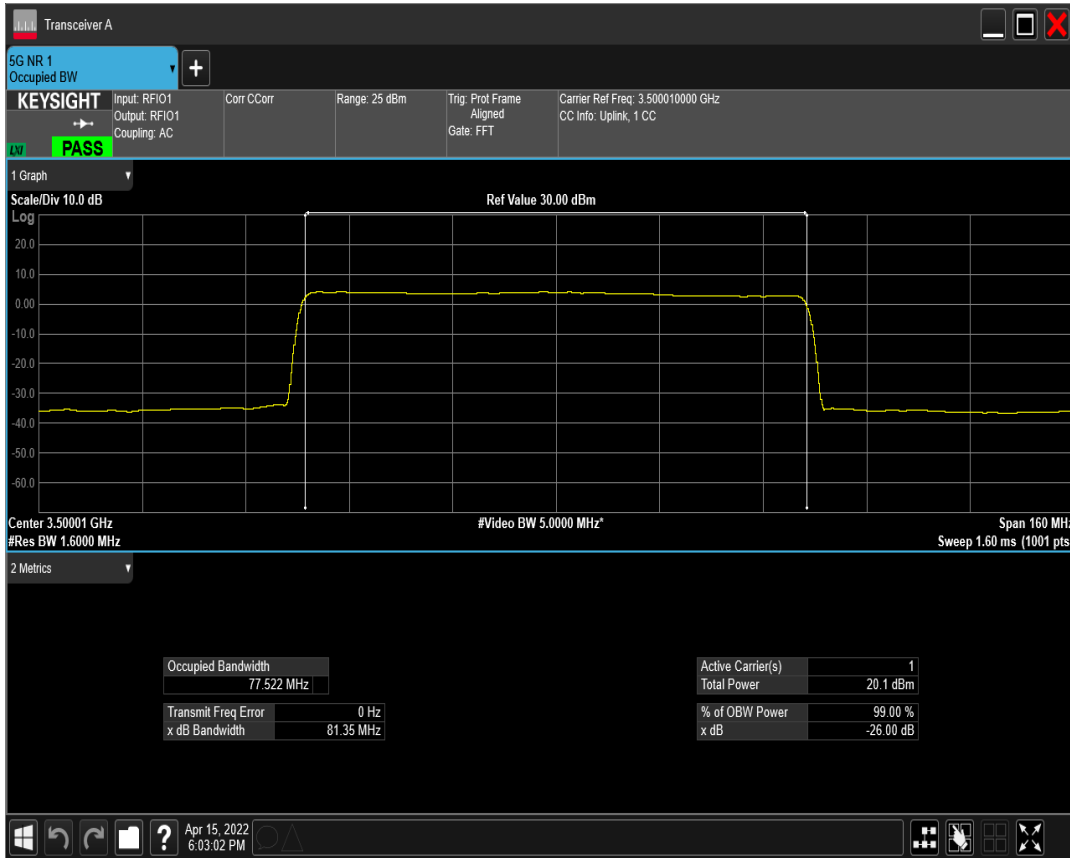
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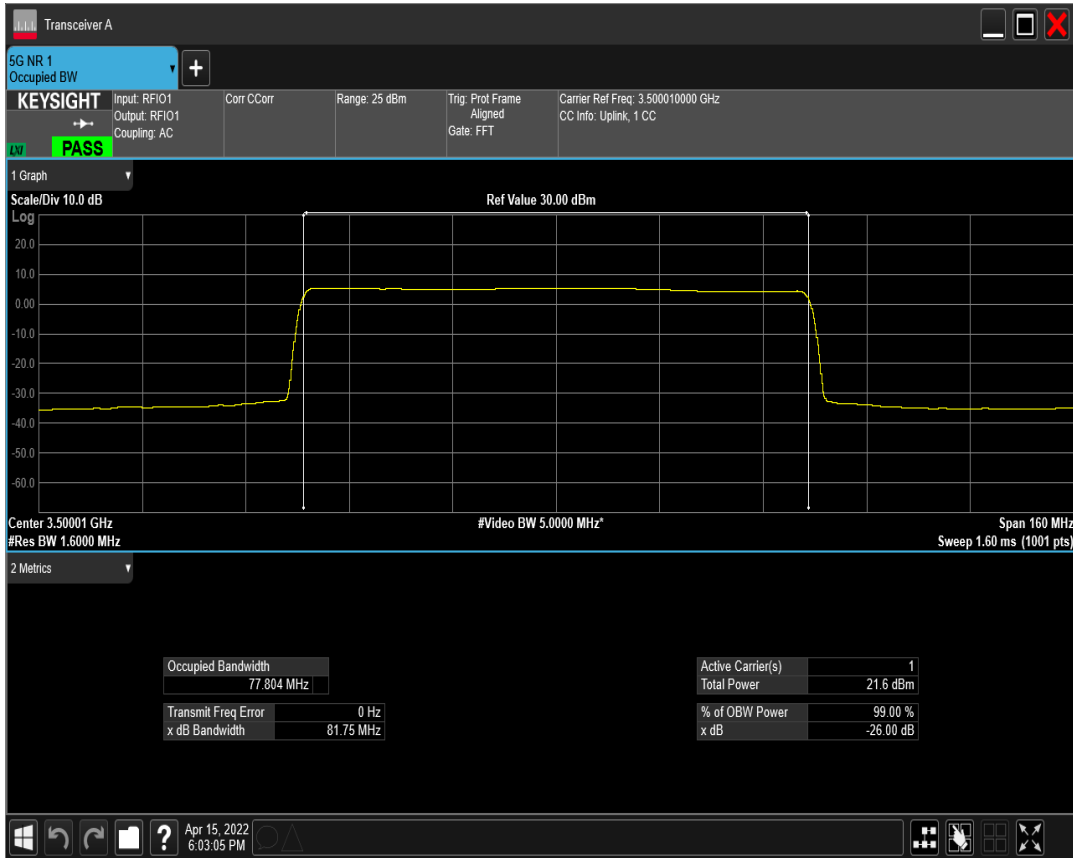
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0



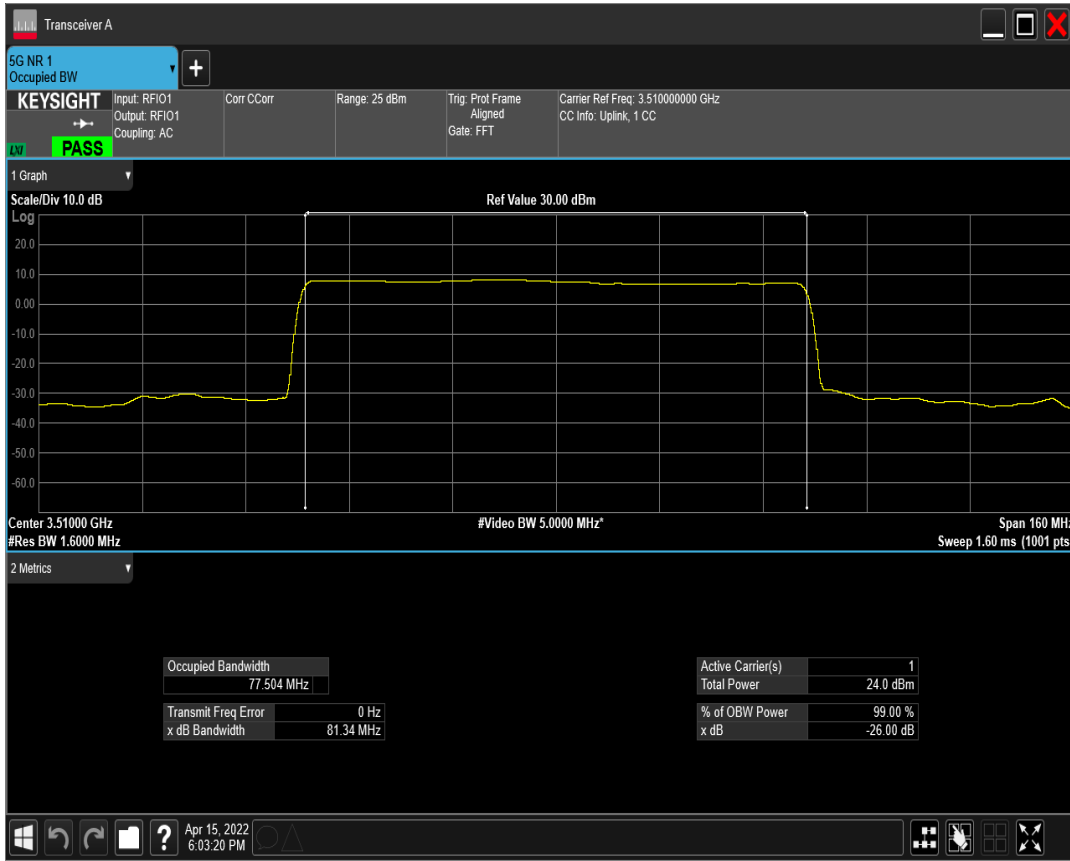
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0



n78(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=633334 RB=217@0



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

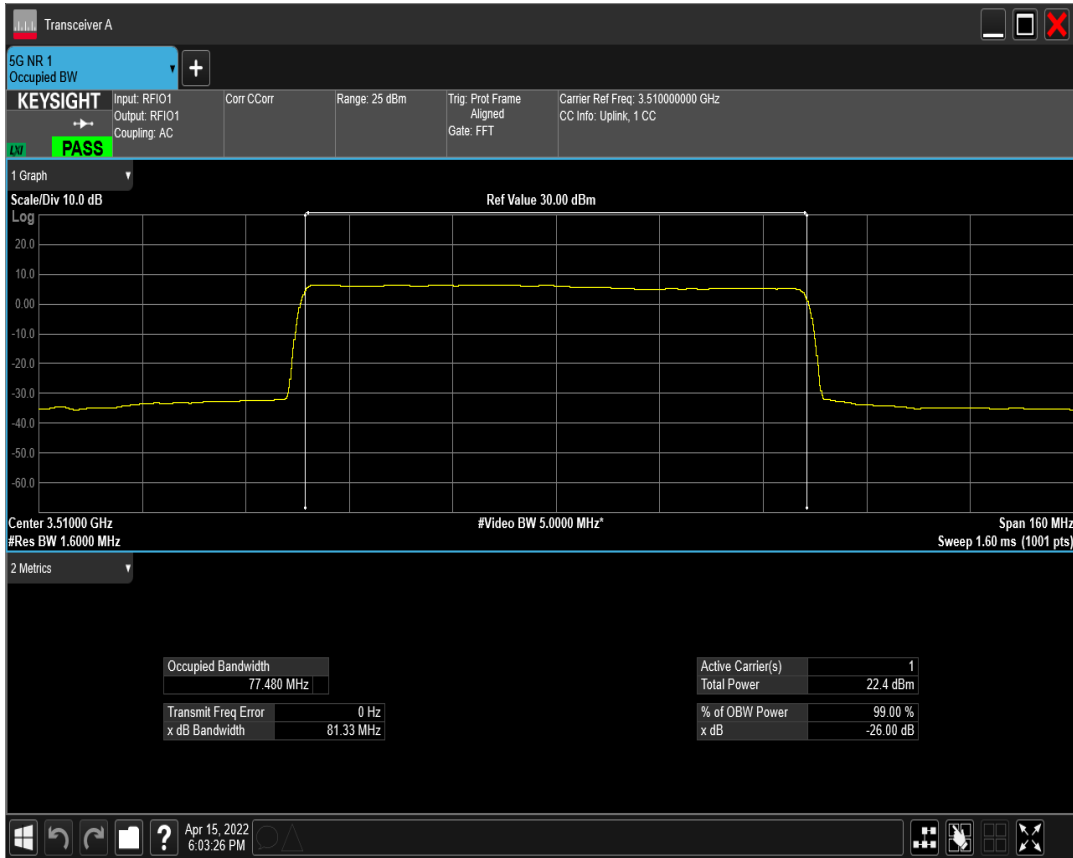


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=634000 RB=216@0

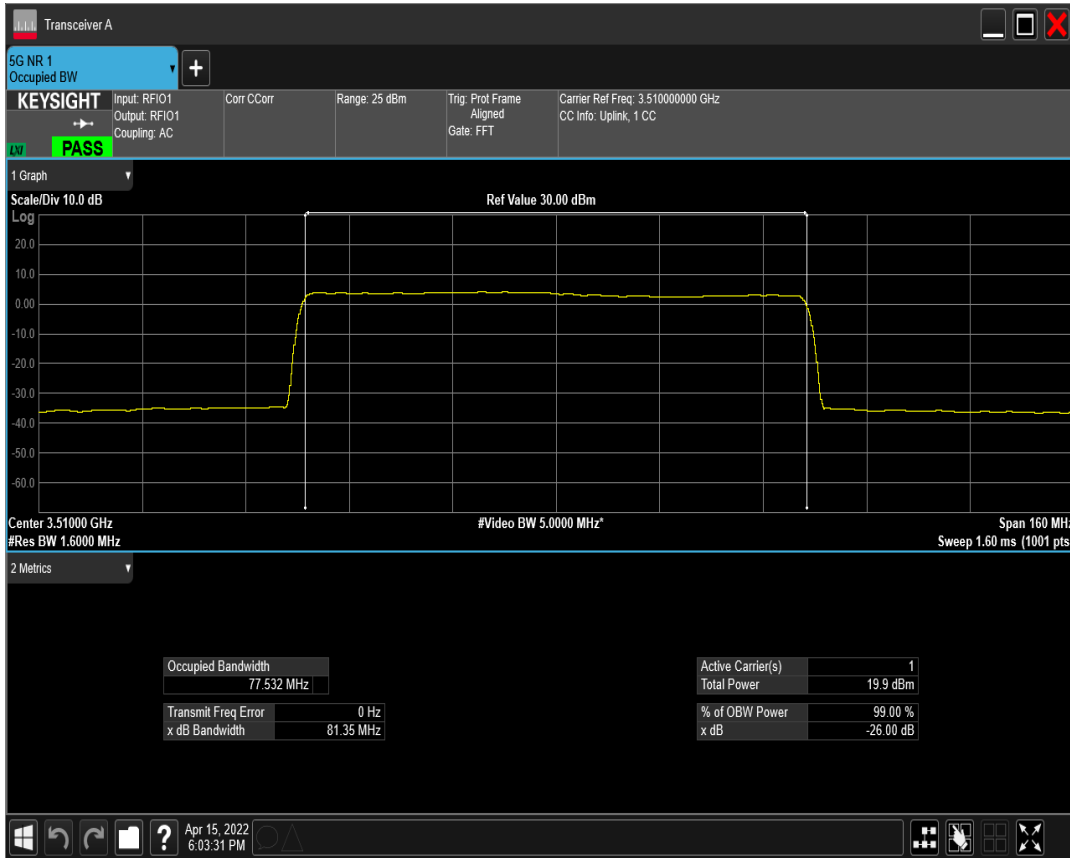




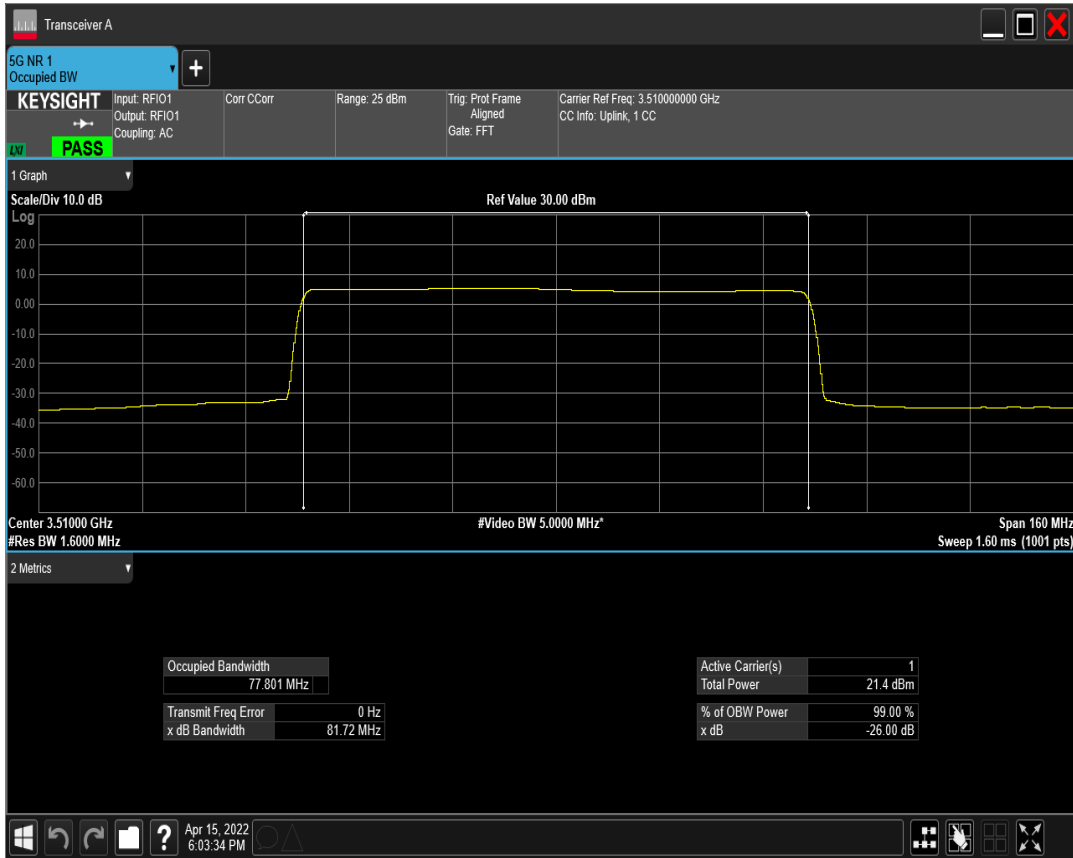
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=634000 RB=216@0



n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0



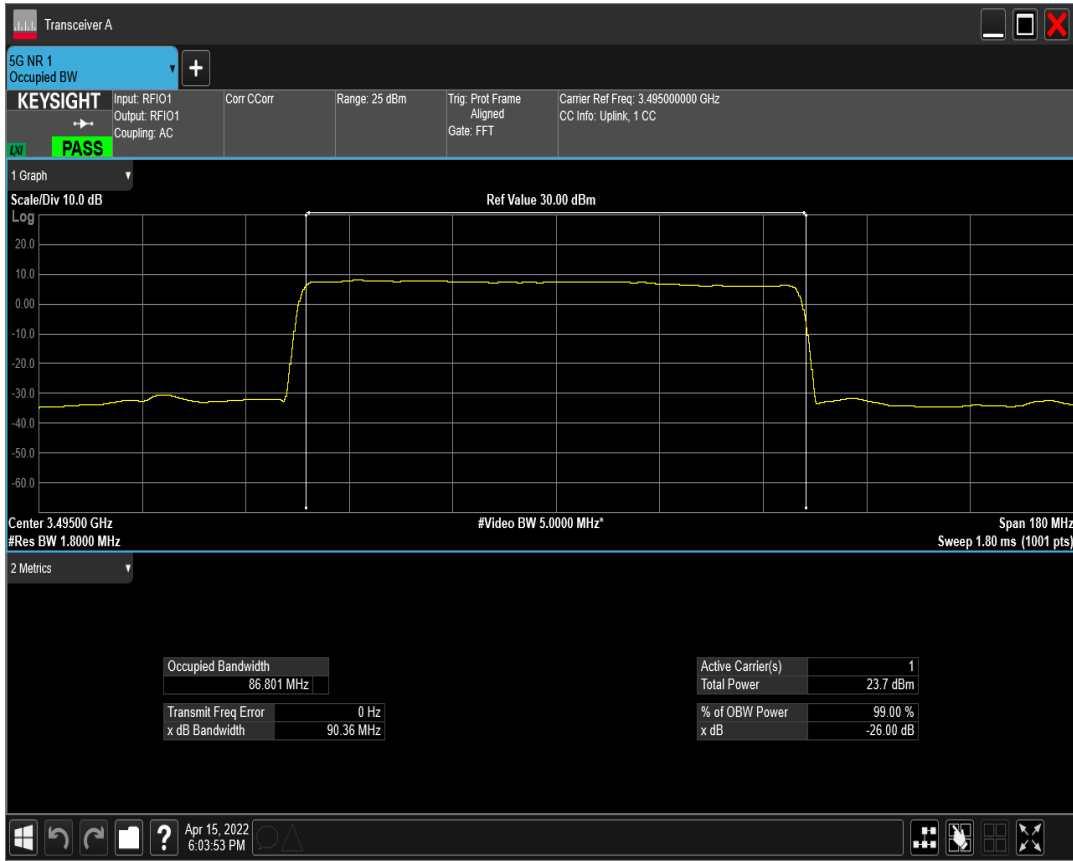
n78(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=634000 RB=217@0



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



n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633000 RB=240@0

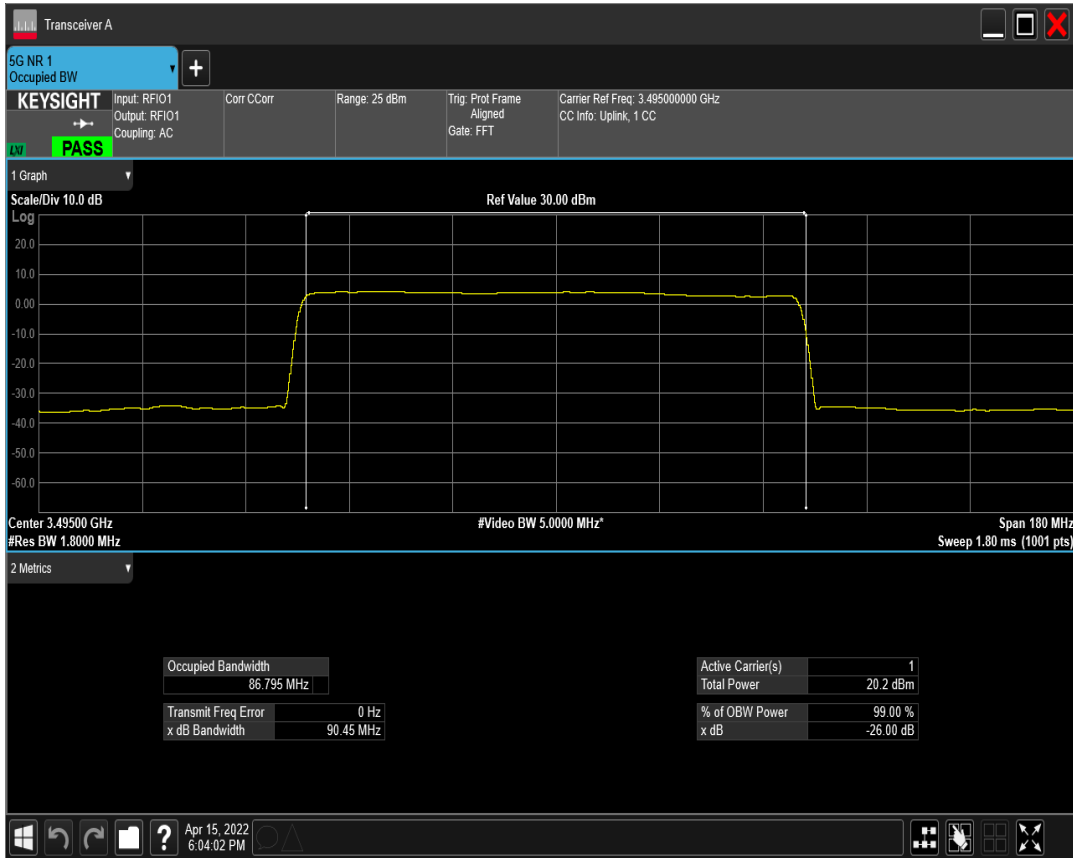


n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240@0

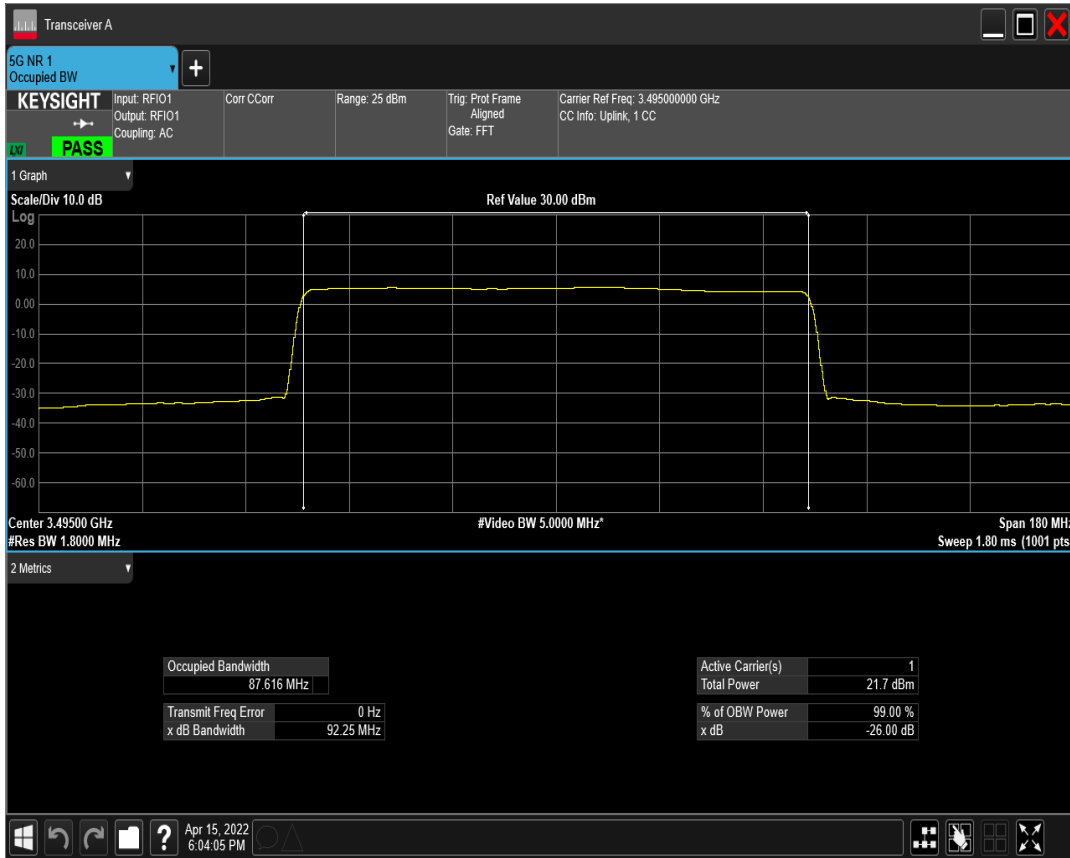


n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633000 RB=240@0

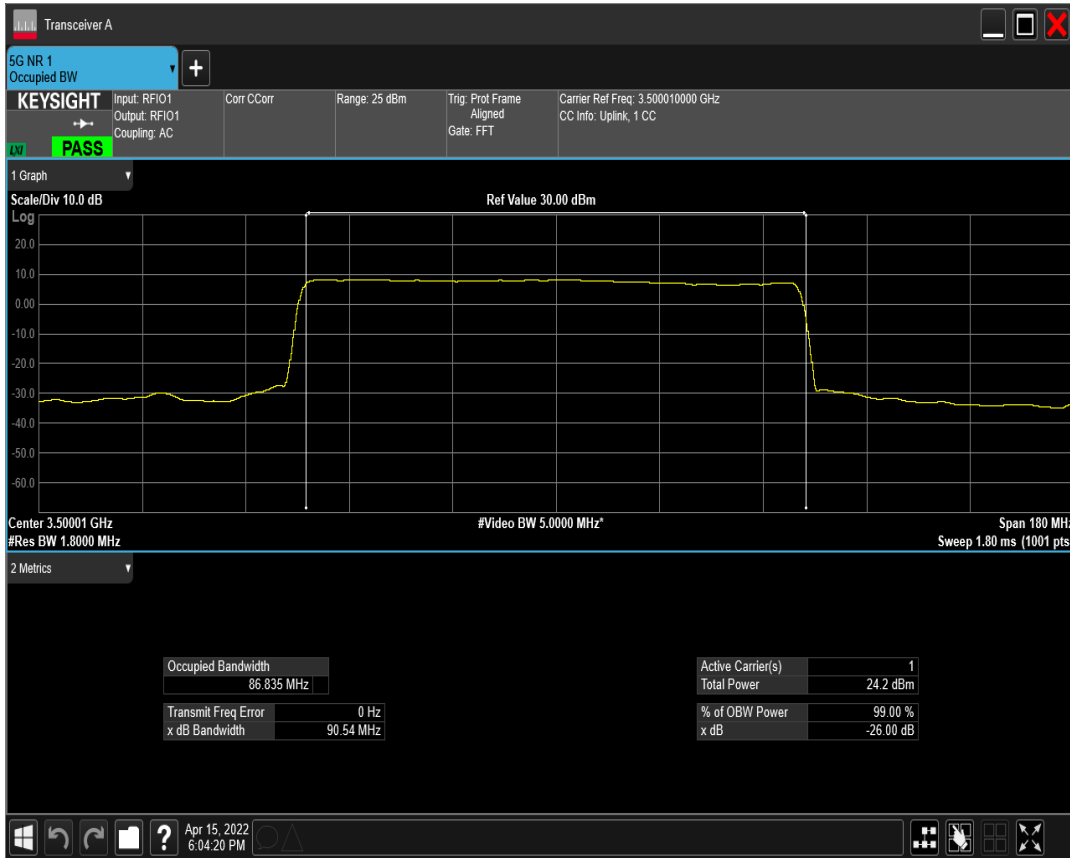




n78(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633000 RB=245@0



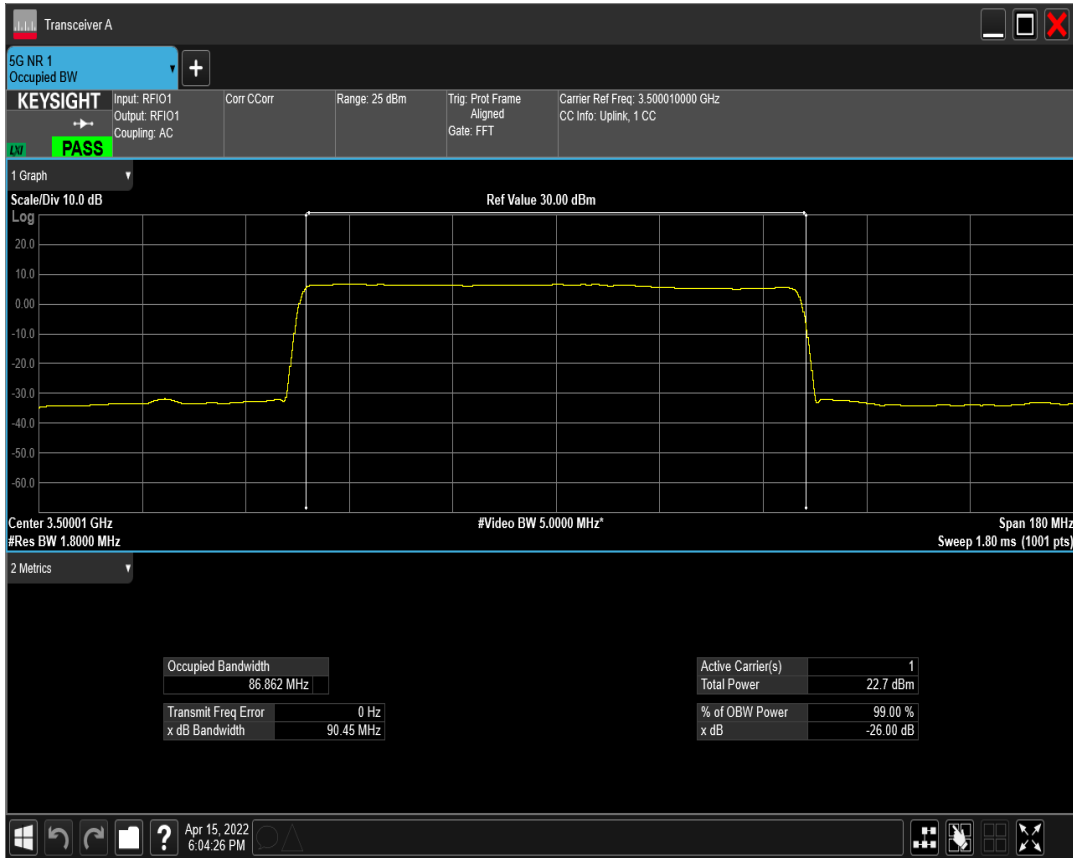
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



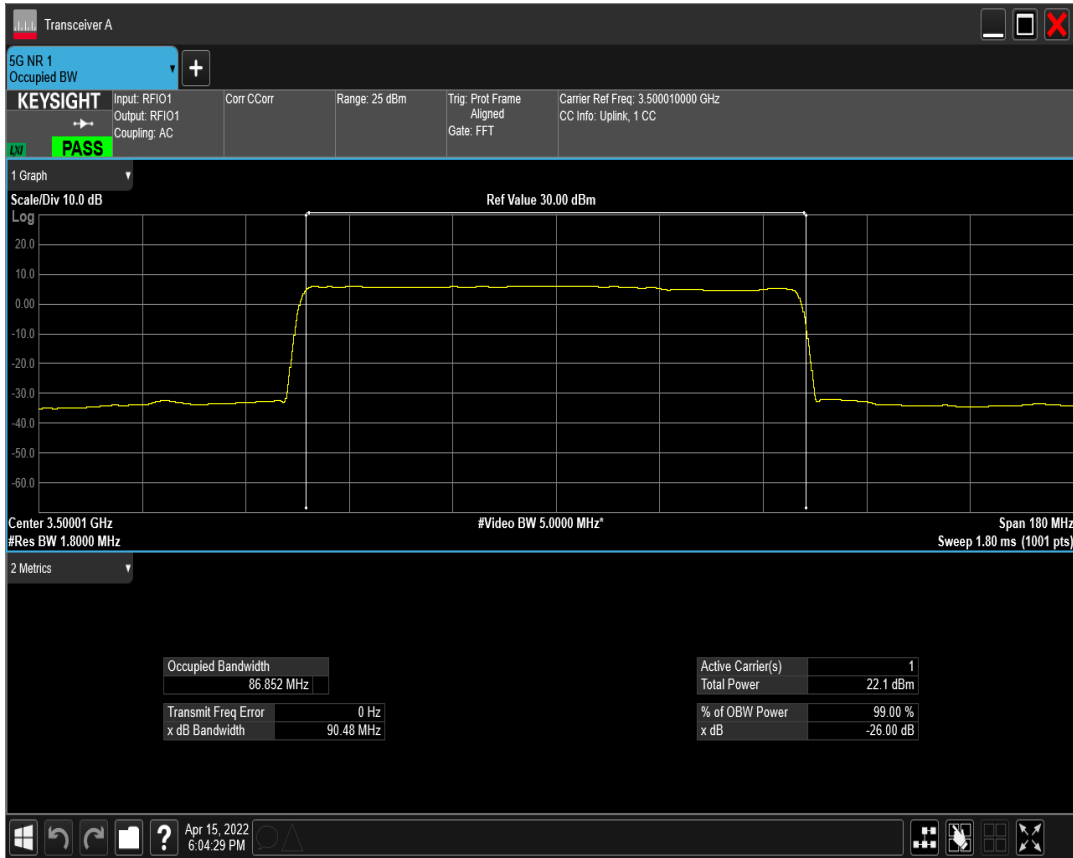
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



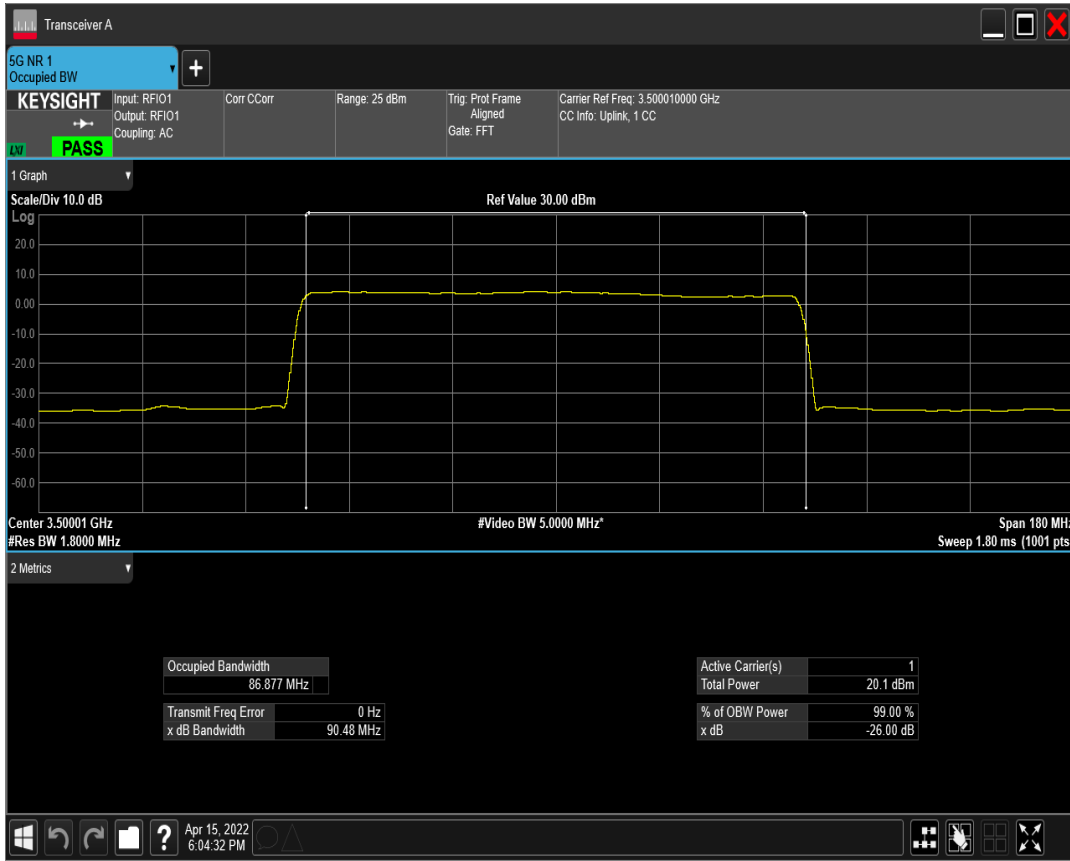
n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



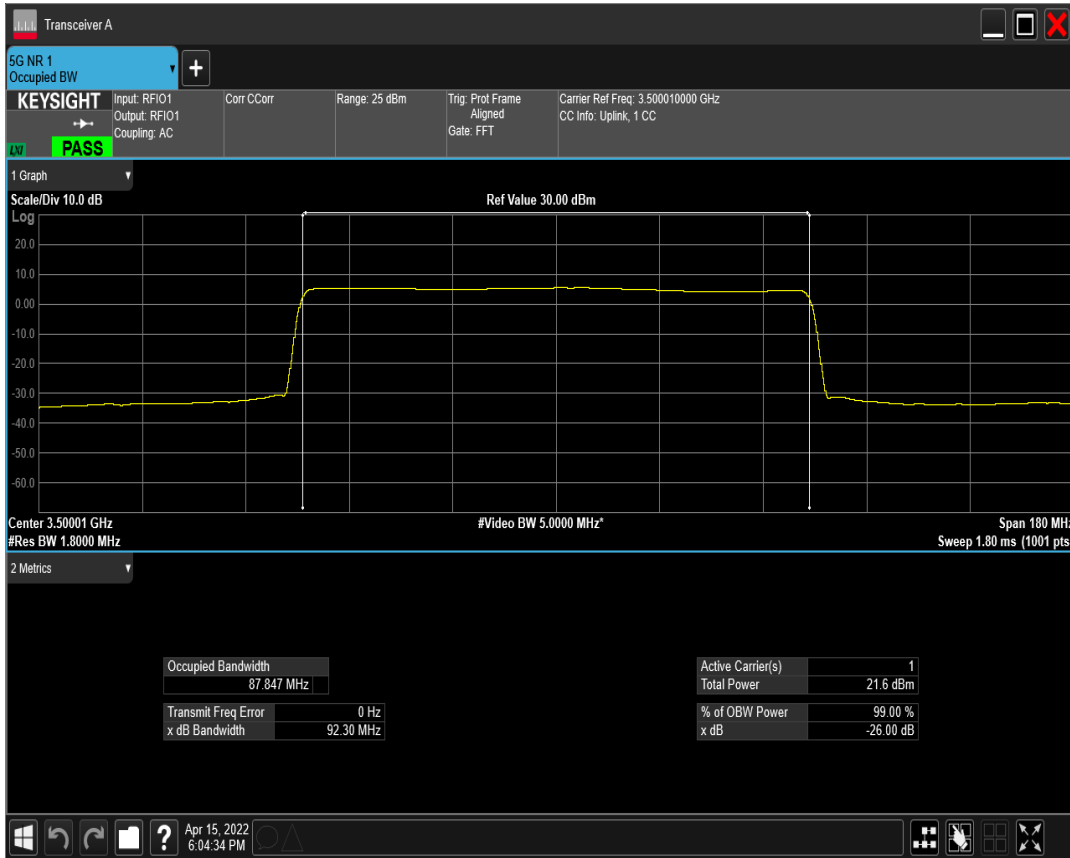
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



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

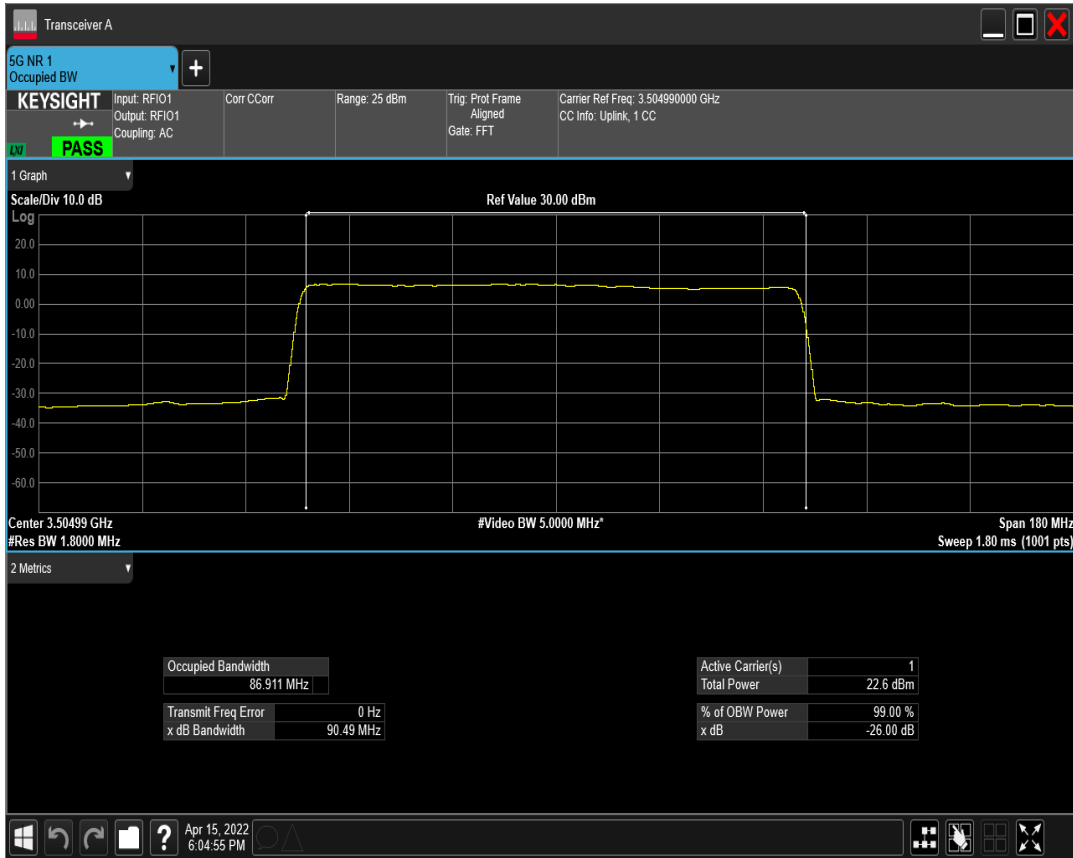




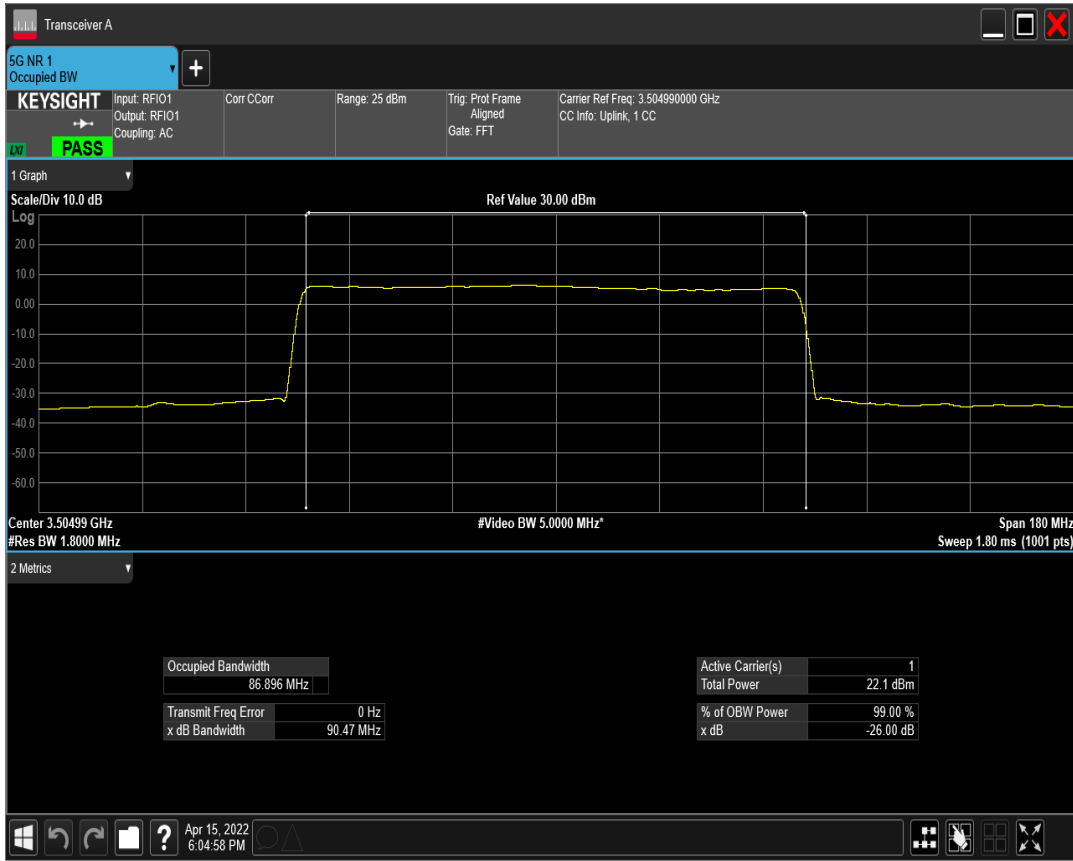
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0



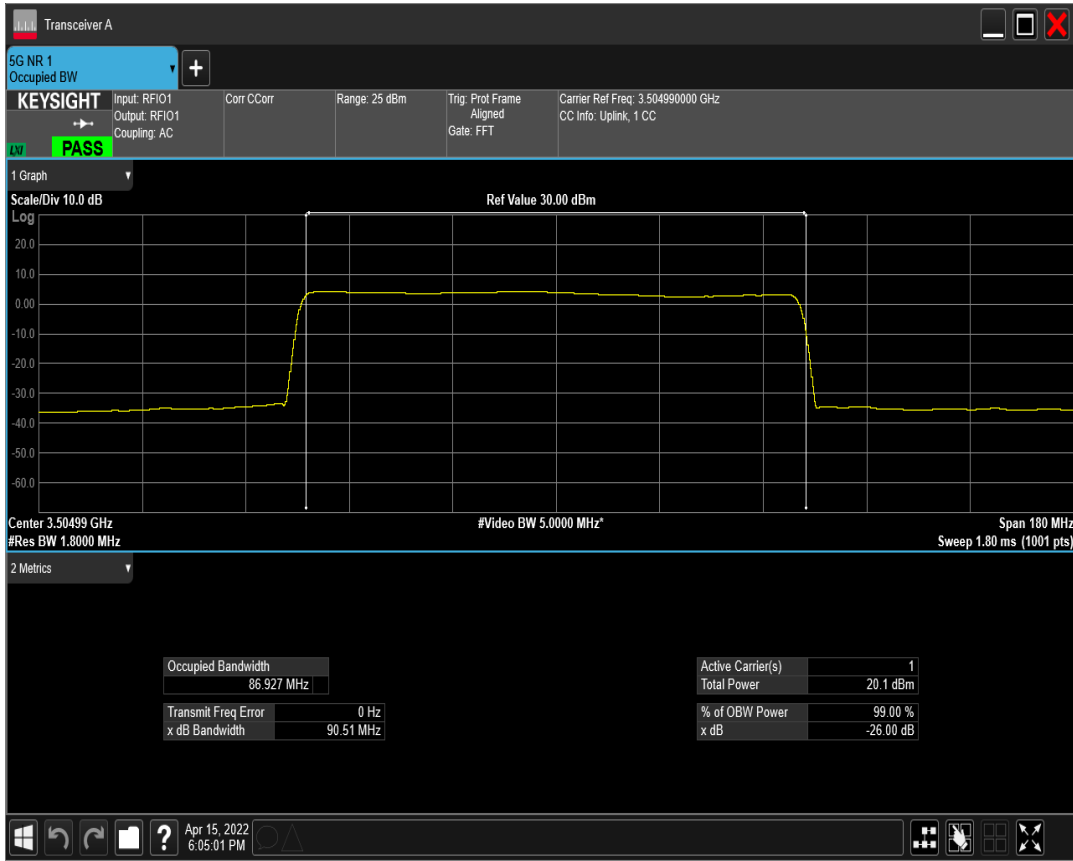
n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633666 RB=240@0



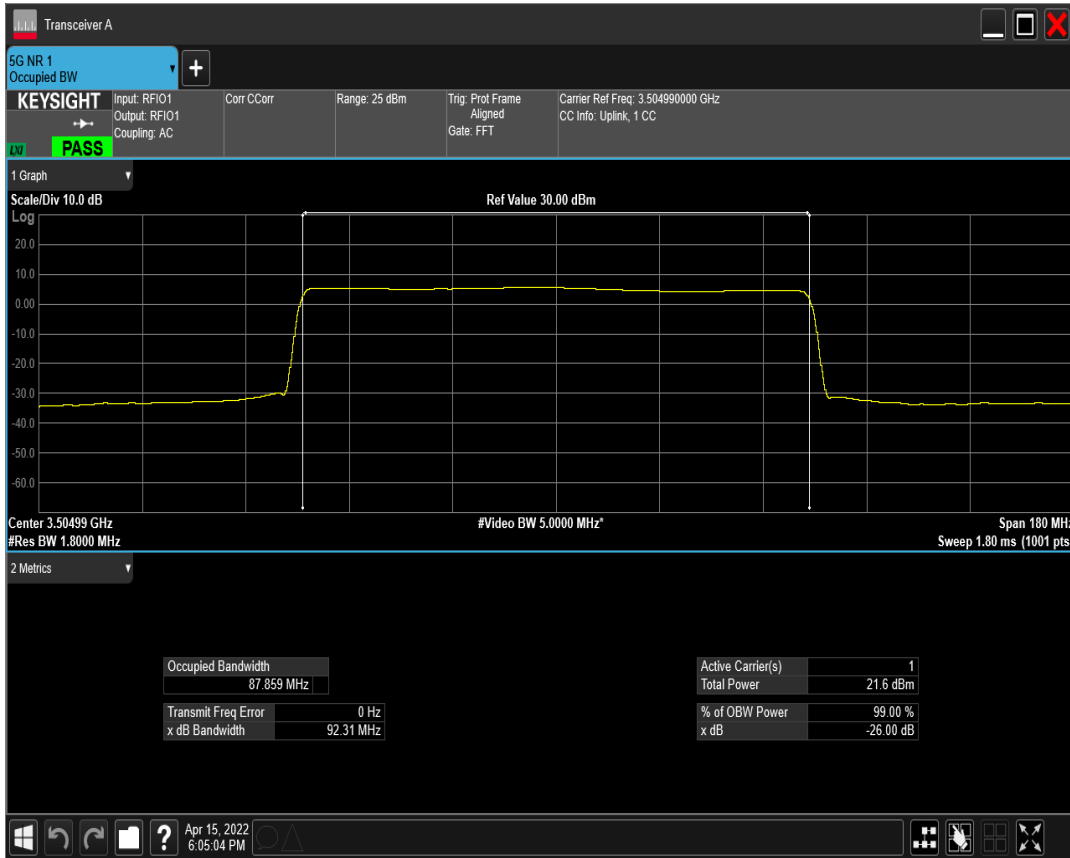
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0



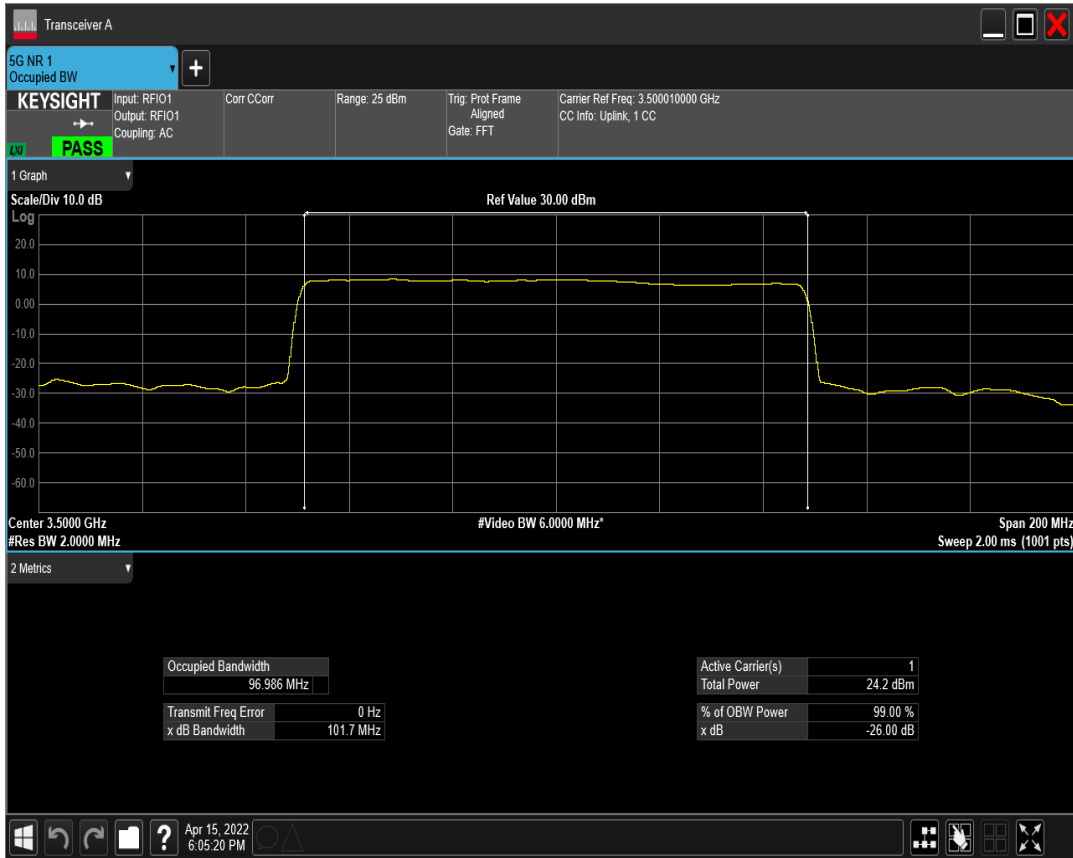
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633666 RB=240@0



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

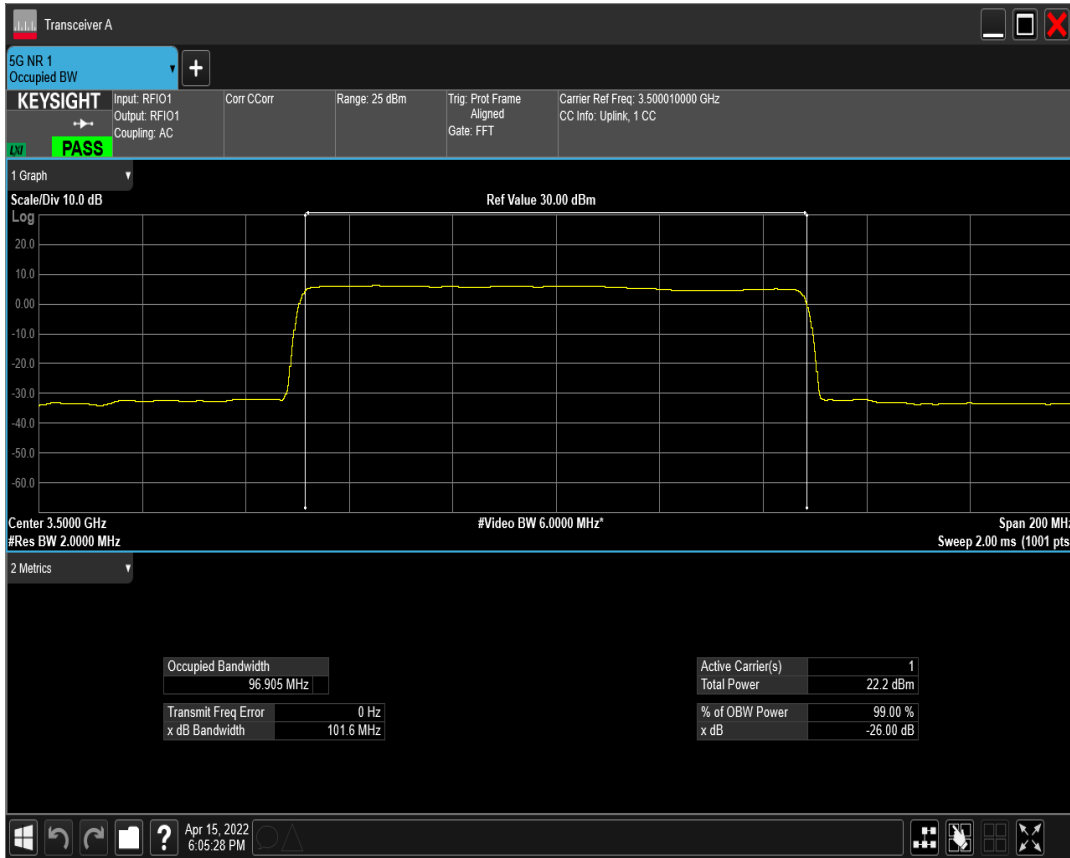


n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0

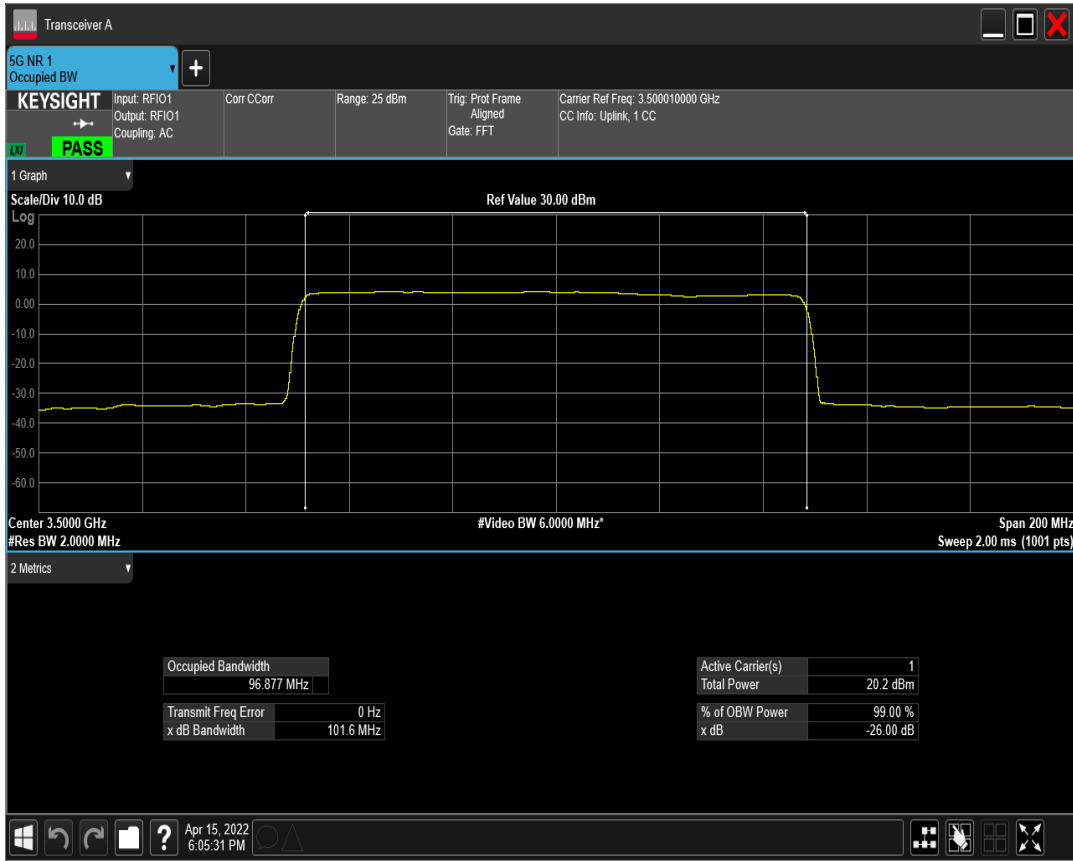




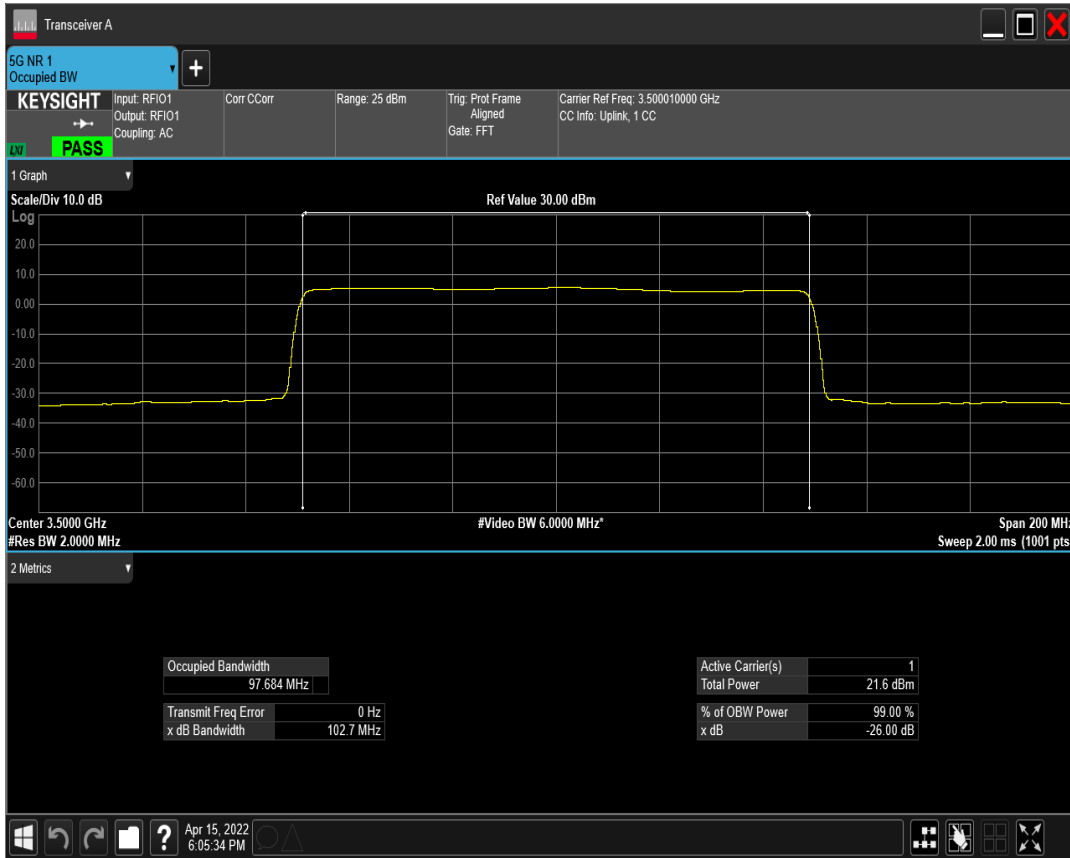
n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633334 RB=270@0



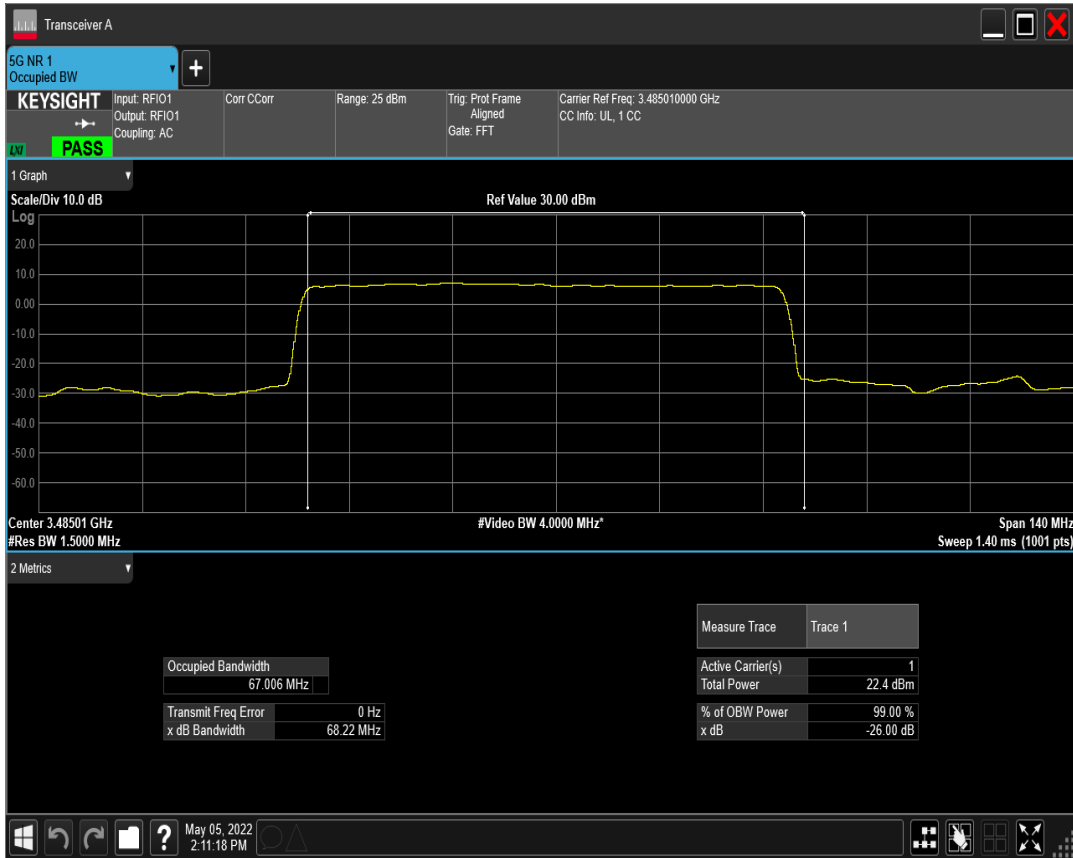
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633334 RB=270@0



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



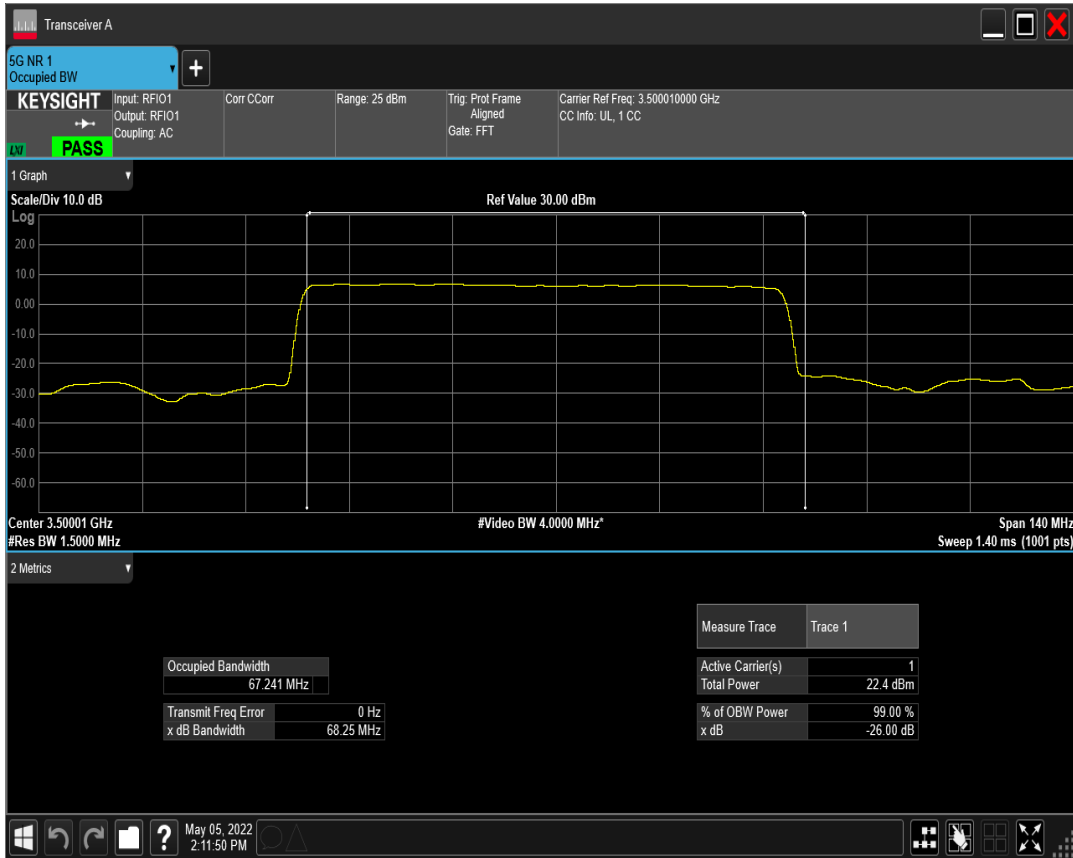
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=70MHz Channel=632334 RB=180@0



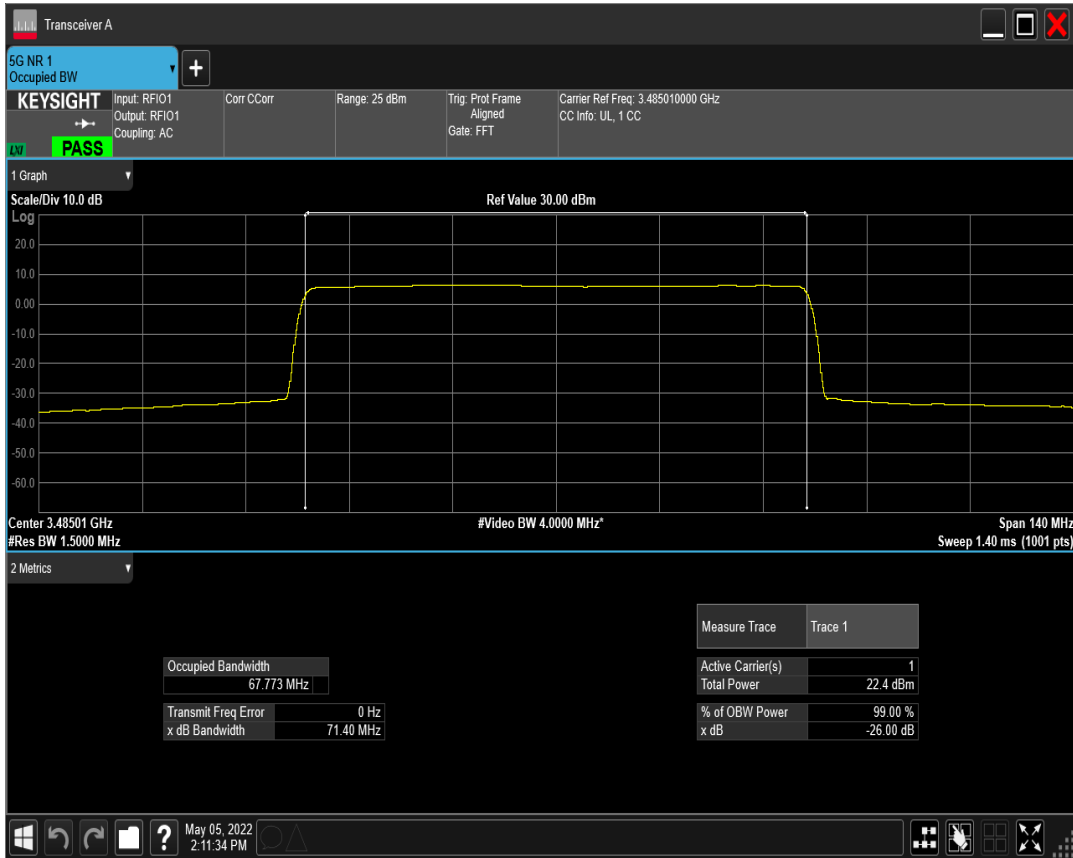
n78(3450-3550) SCS=30kHz DFT\_BPSK BW=70MHz Channel=634332 RB=180@0



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

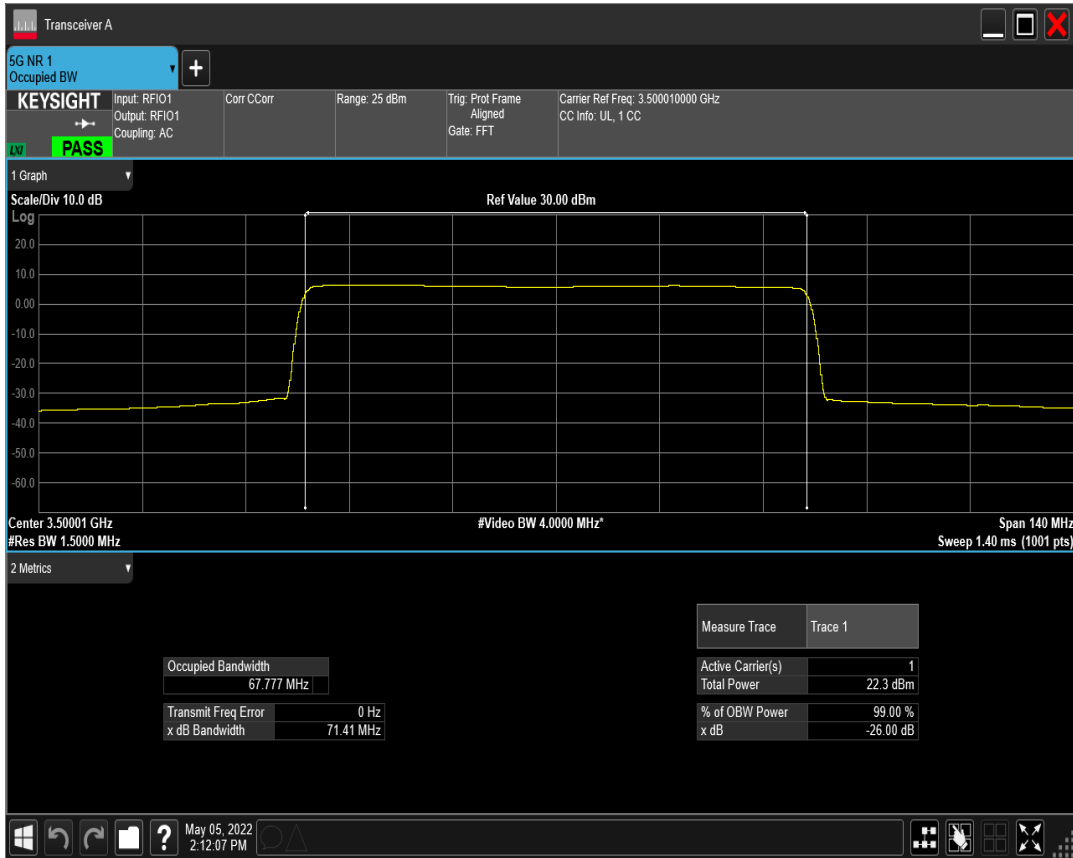


n78(3450-3550) SCS=30kHz CP\_QPSK BW=70MHz Channel=632334 RB=189@0

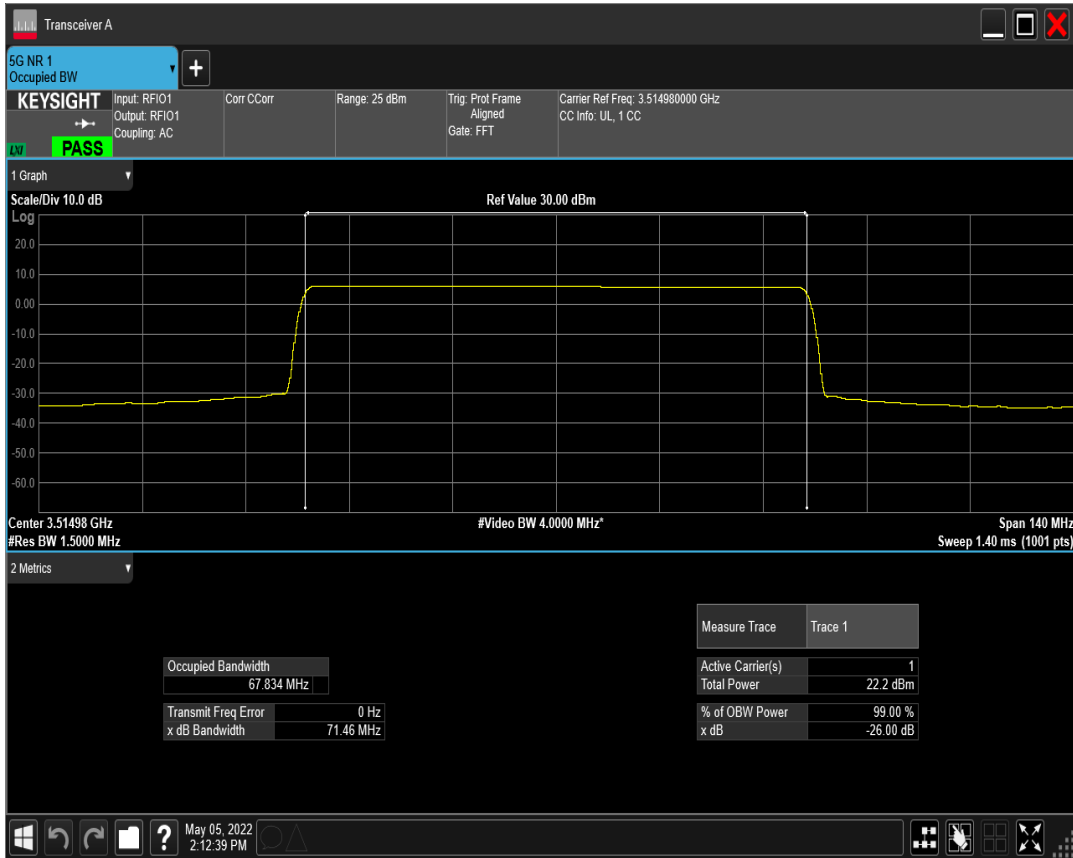


n78(3450-3550) SCS=30kHz CP\_QPSK BW=70MHz Channel=633334 RB=189@0





n78(3450-3550) SCS=30kHz CP\_QPSK BW=70MHz Channel=634332 RB=189@0



n78(3450-3550) SCS=30kHz DFT\_QAM64 BW=70MHz Channel=634332 RB=180@0



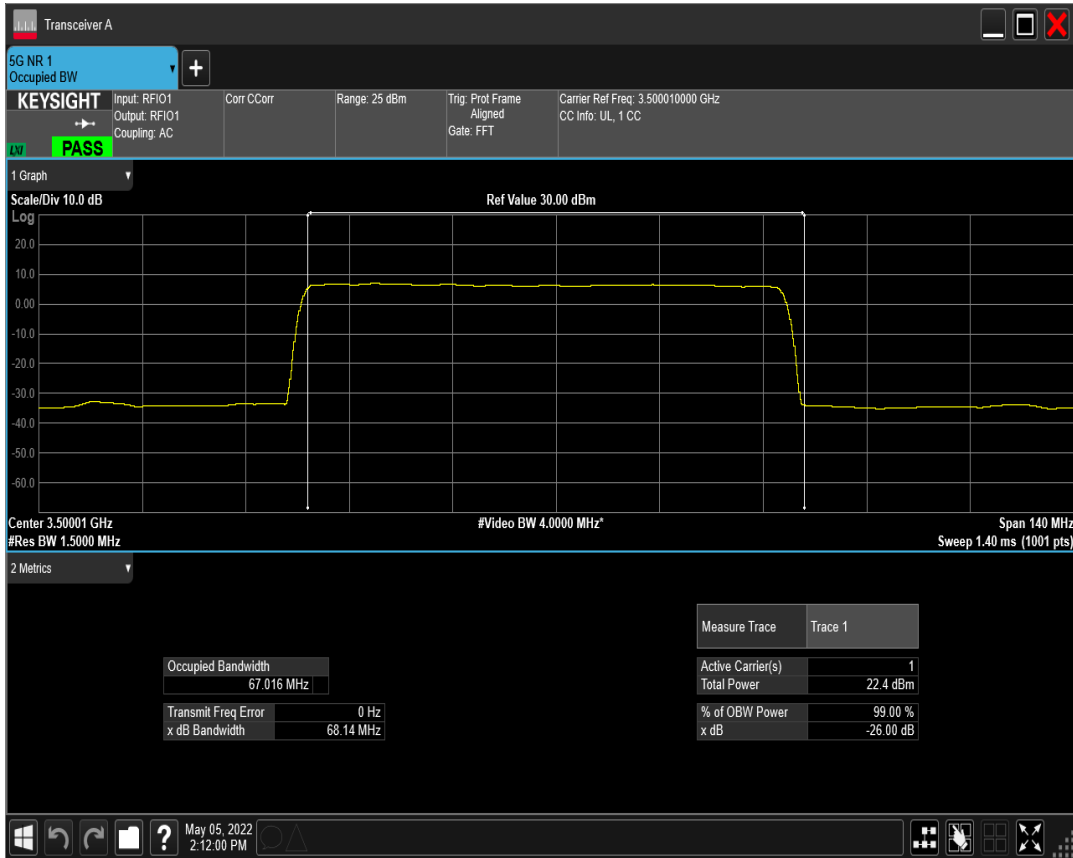
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT\_QAM16 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

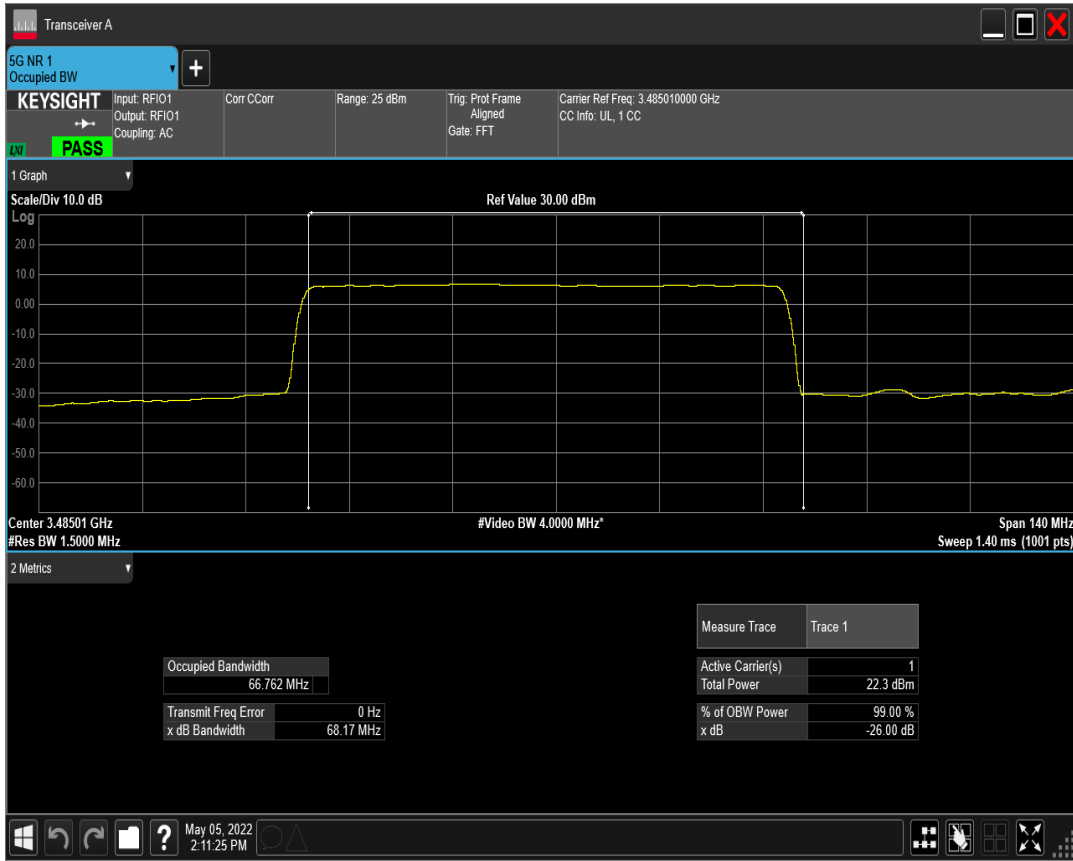


n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=633334 RB=180@0

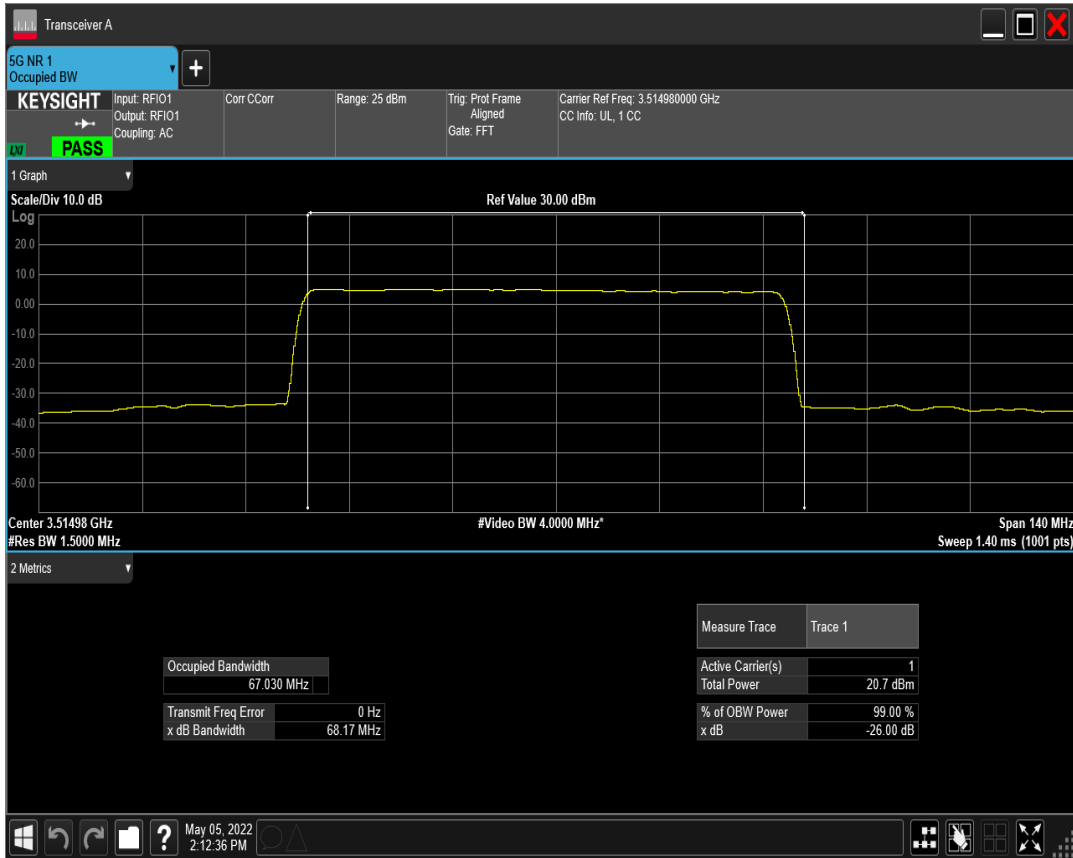


n78(3450-3550) SCS=30kHz DFT\_QAM16 BW=70MHz Channel=632334 RB=180@0

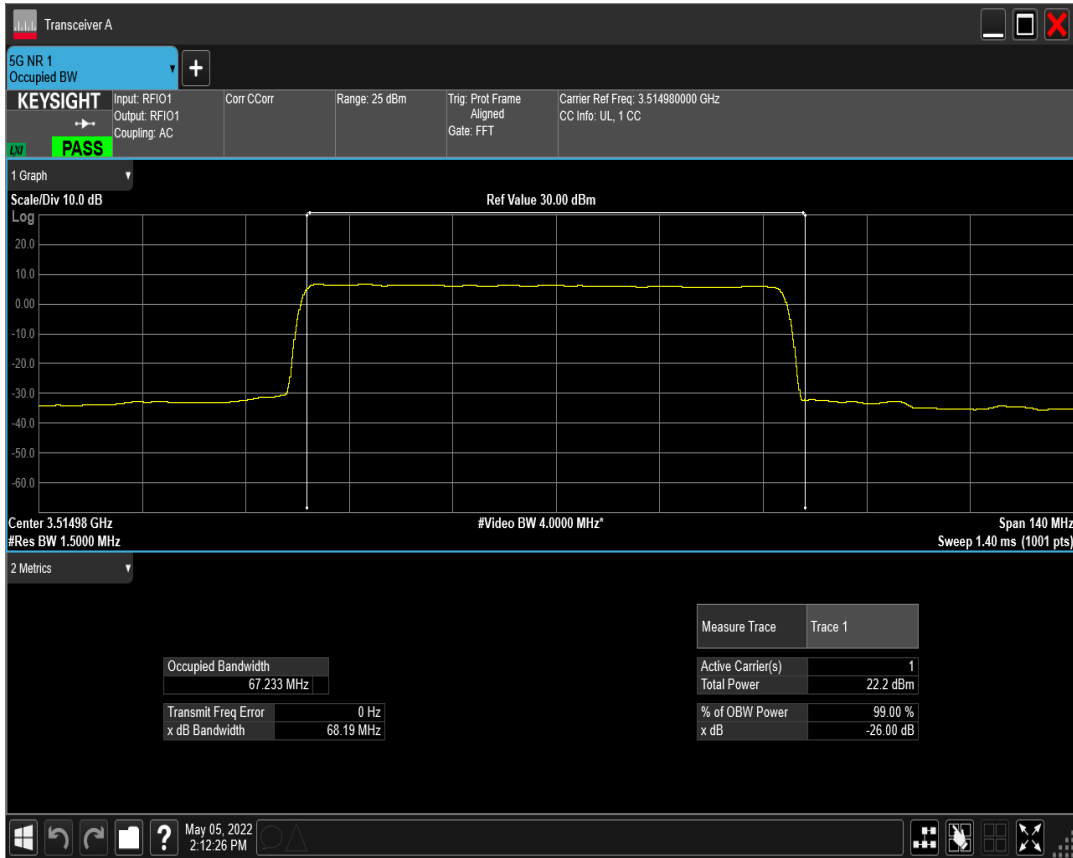




n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=634332 RB=180@0



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



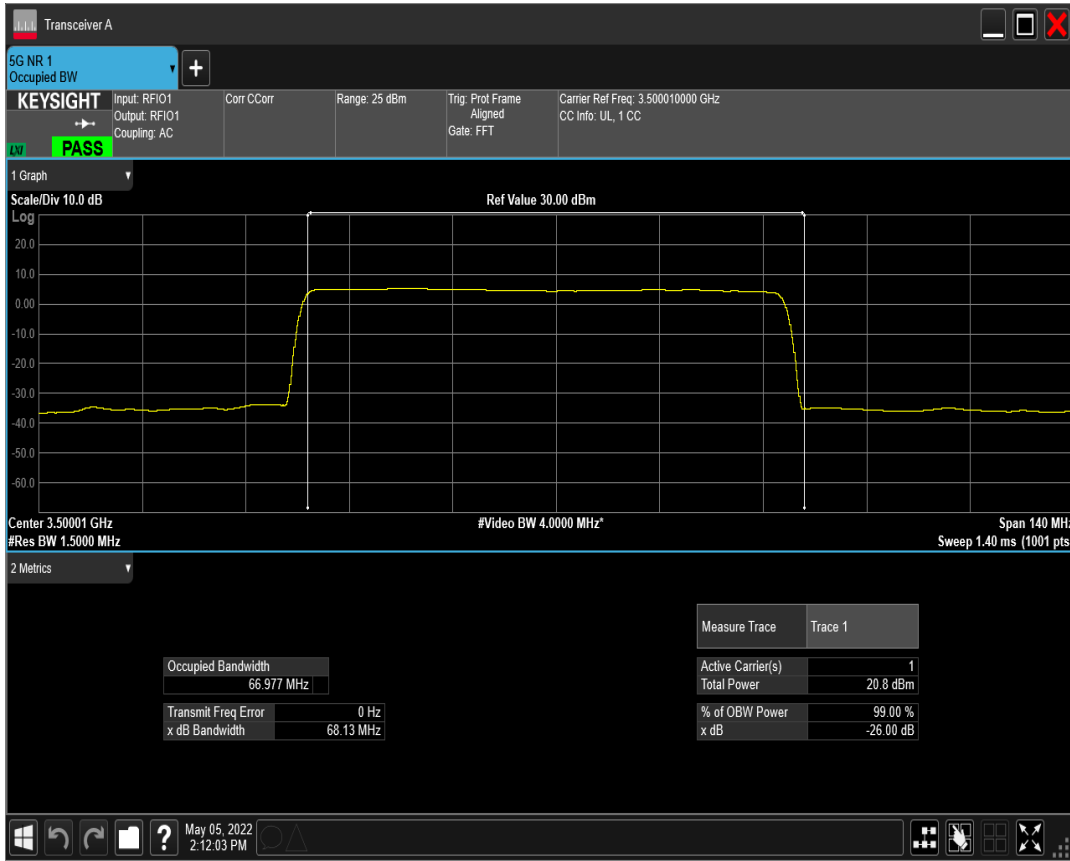
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=70MHz Channel=633334 RB=180@0



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



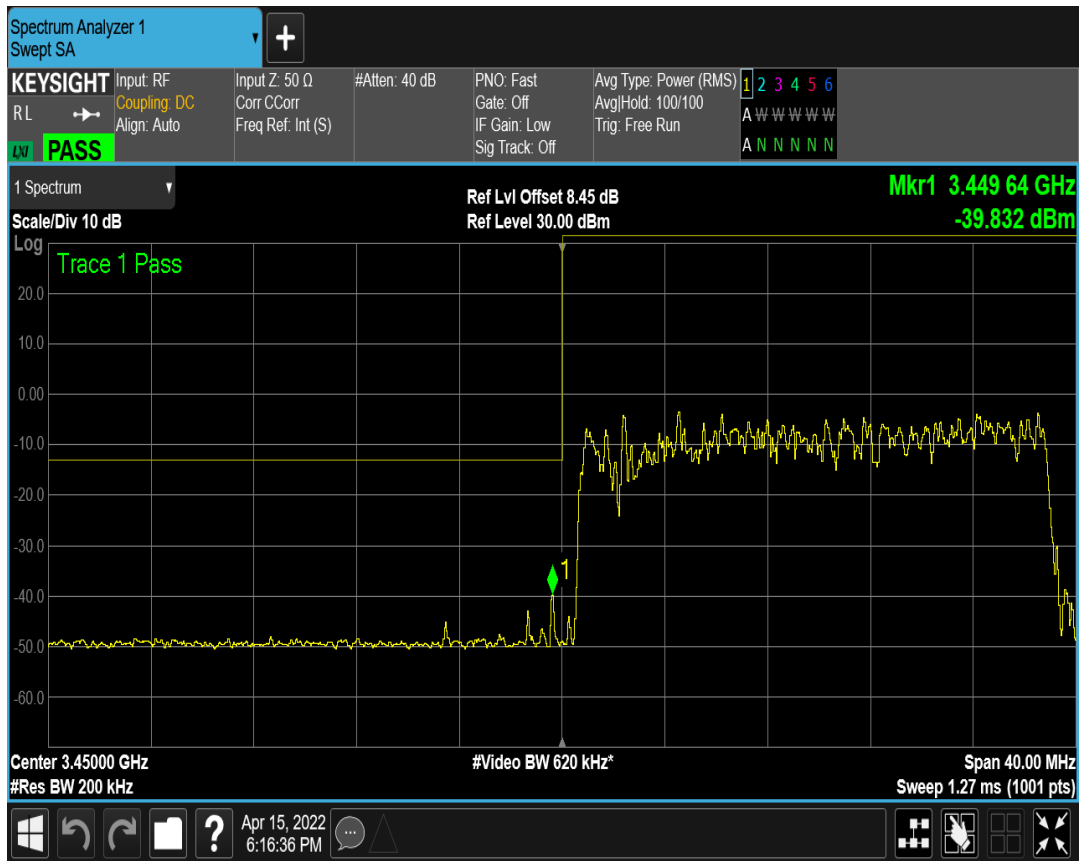
n78(3450-3550) SCS=30kHz DFT\_QAM256 BW=70MHz Channel=633334 RB=180@0



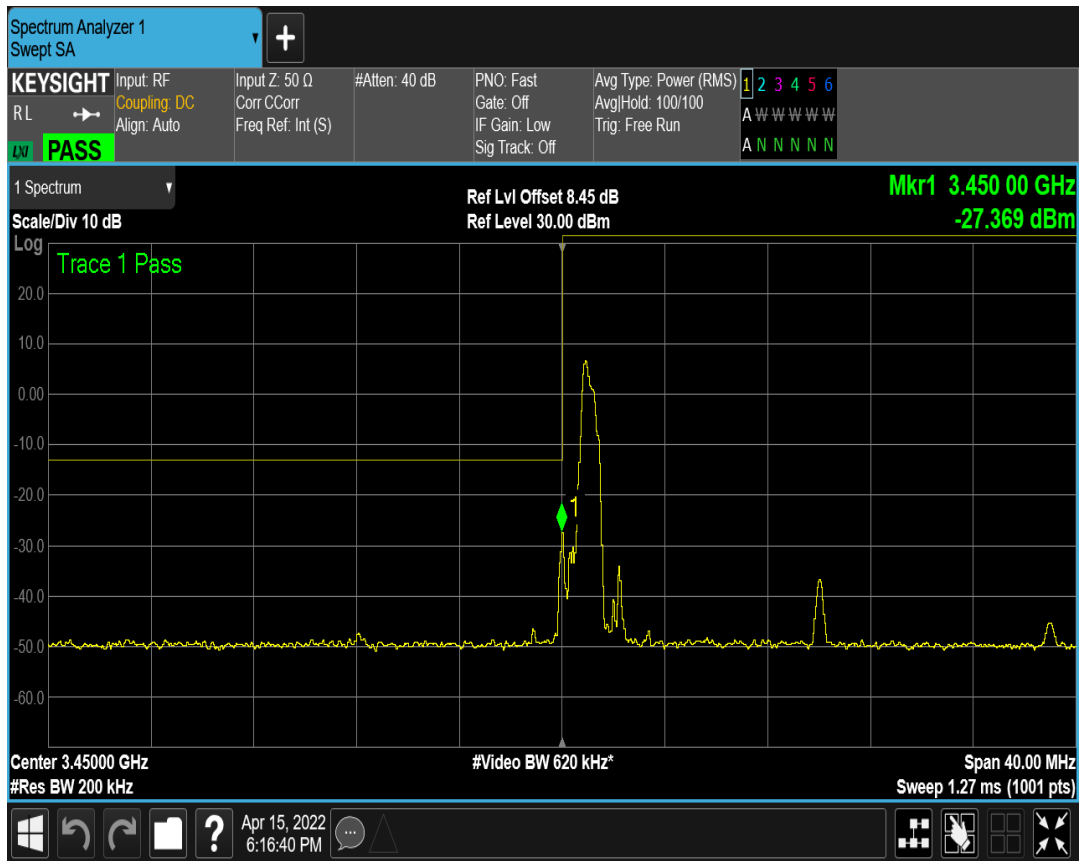
### 5 Band edge for NR FR1

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	-39.83	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	3450.00	-27.36	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	3550.56	-42.68	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	3550.04	-28.62	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-25.91	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_QPSK	3449.80	-39.14	-13	PASS

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

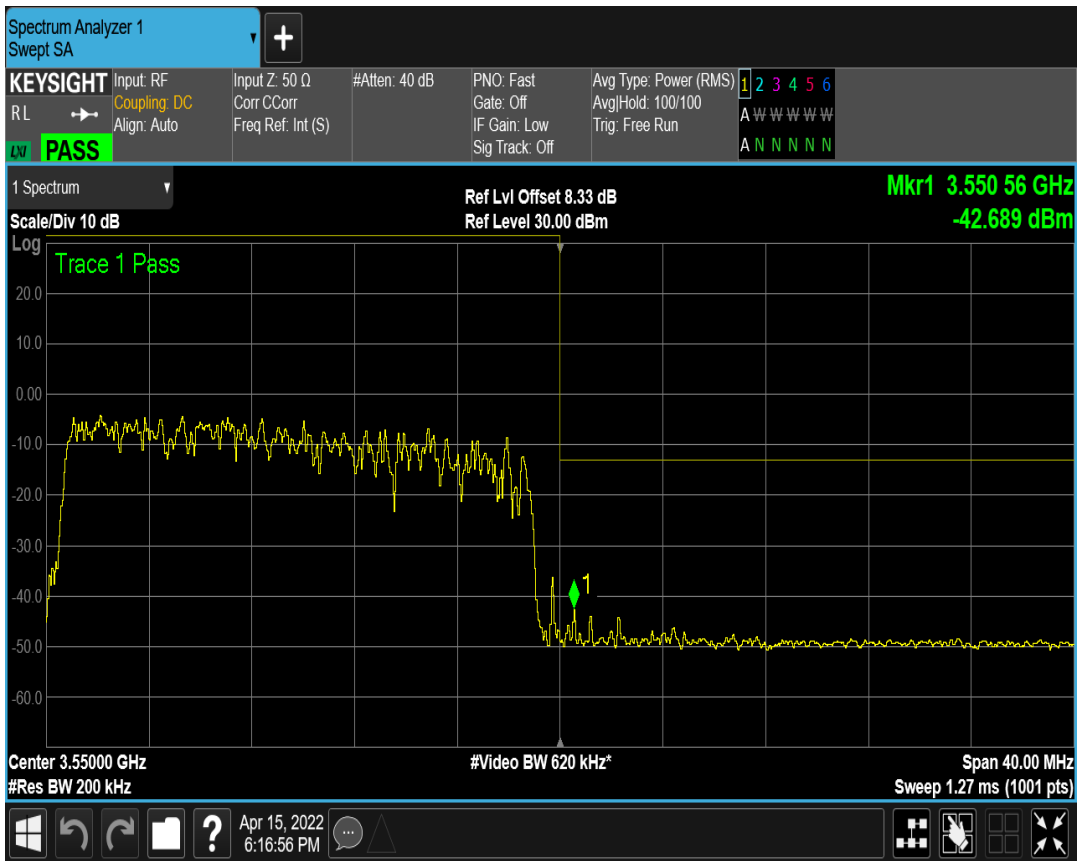


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=630668 RB=1 @0

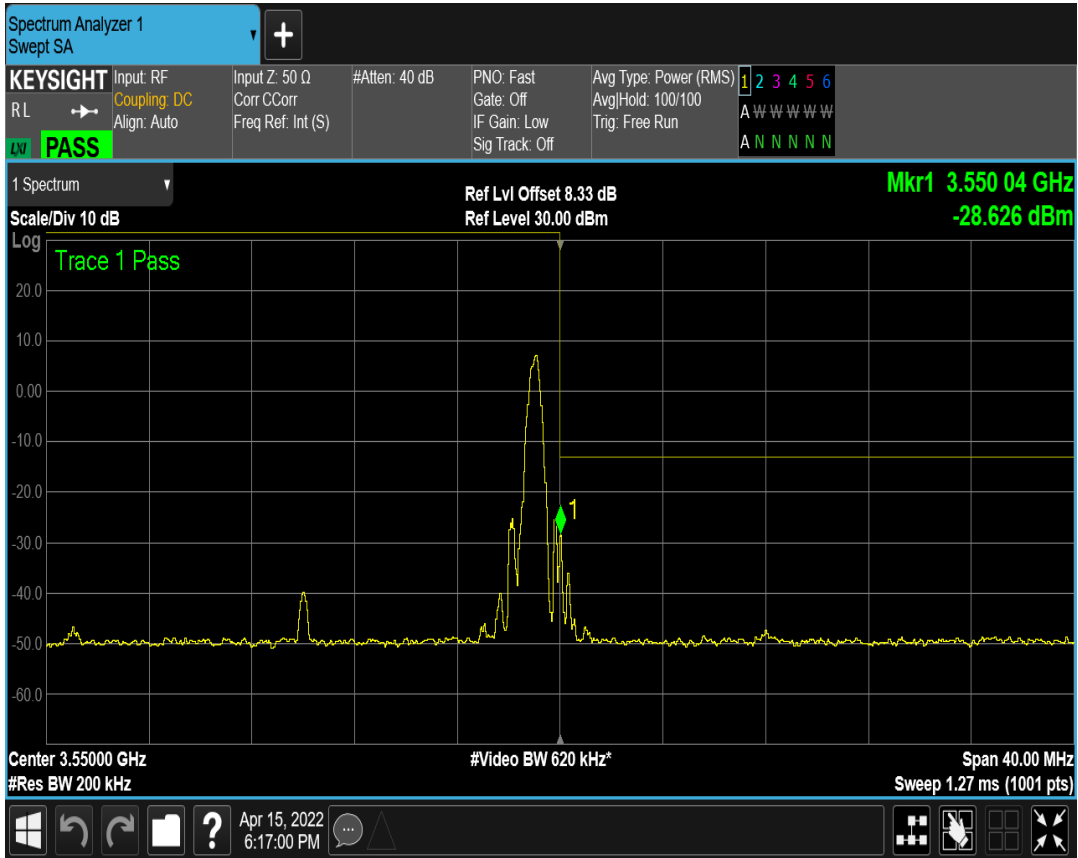


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=50@0

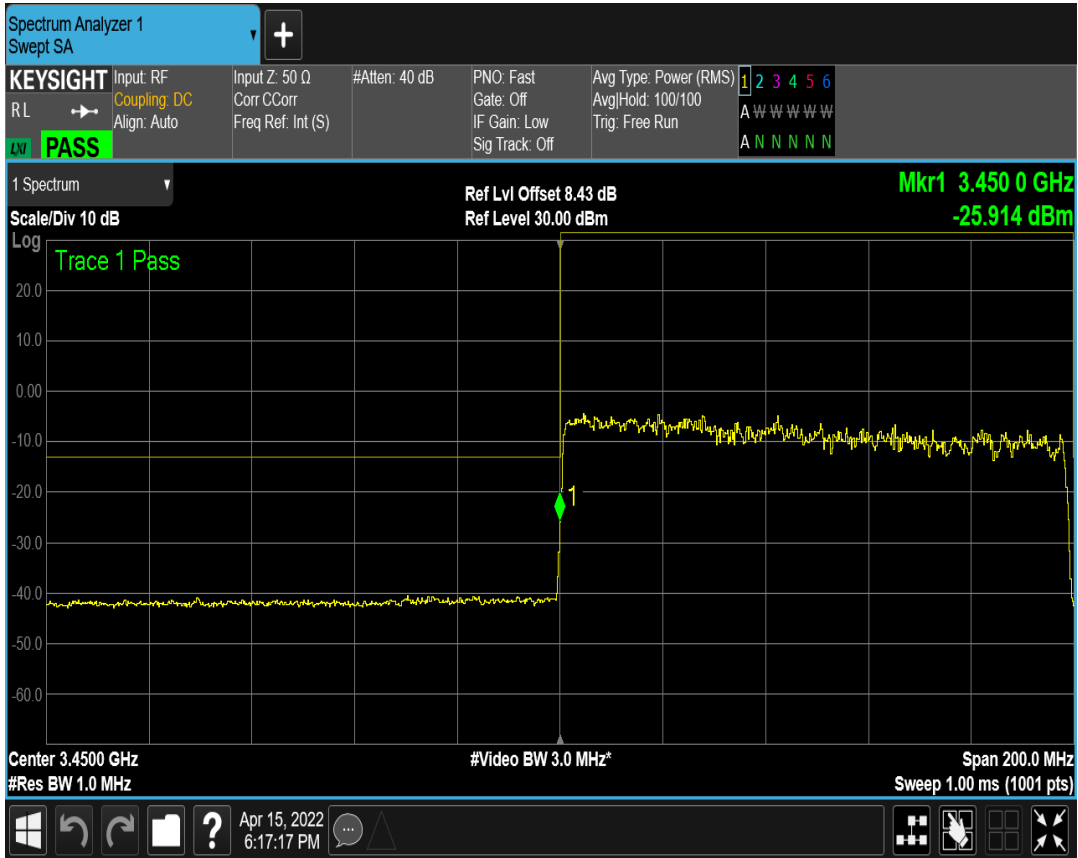




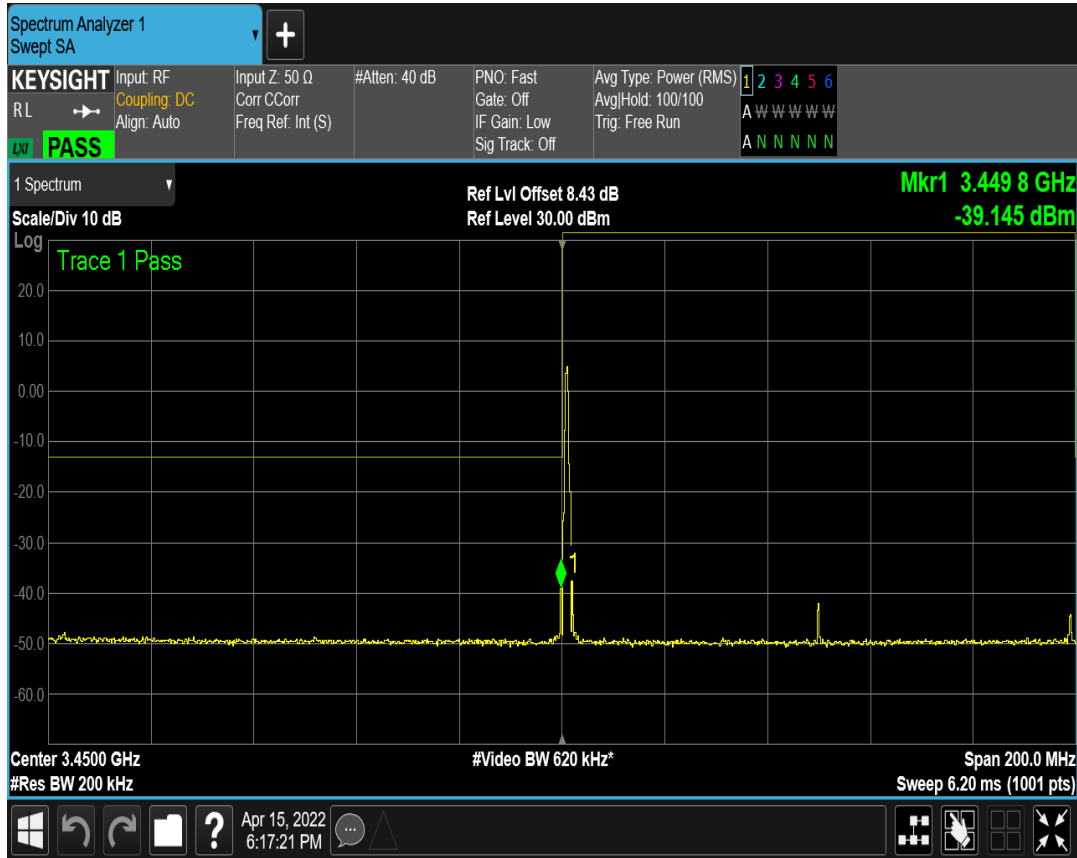
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=1 @50



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



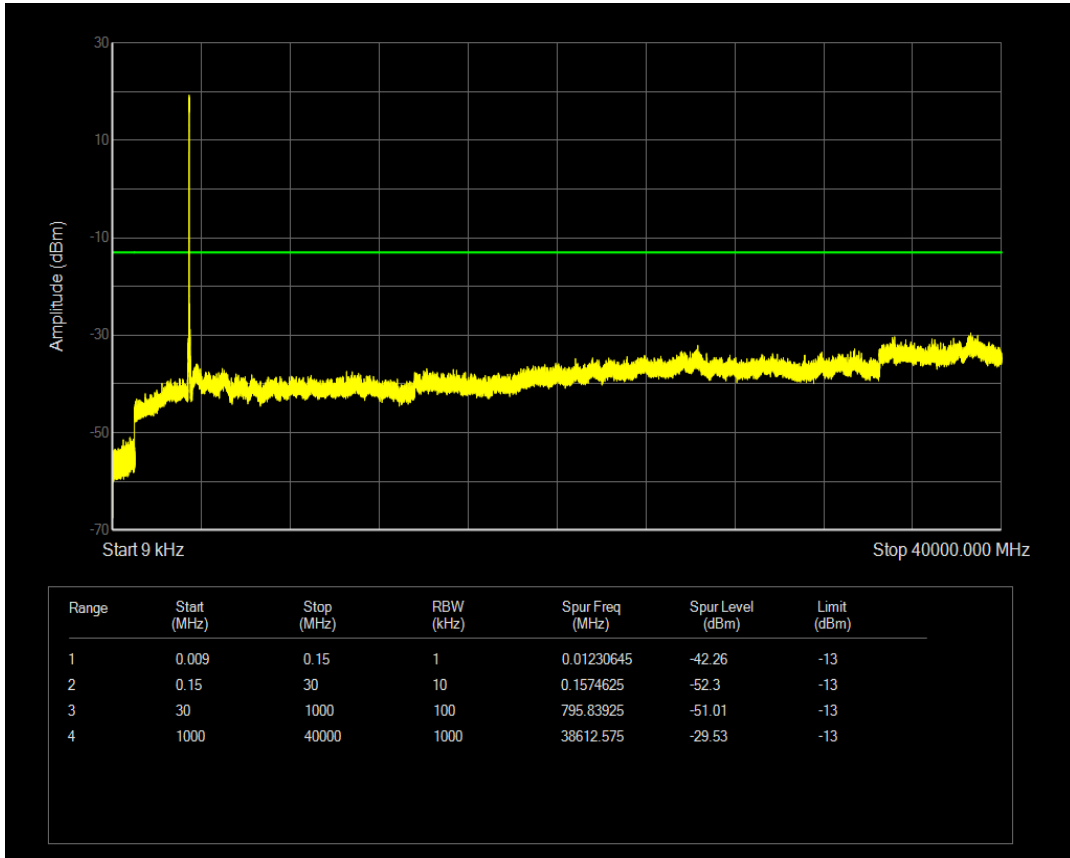
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



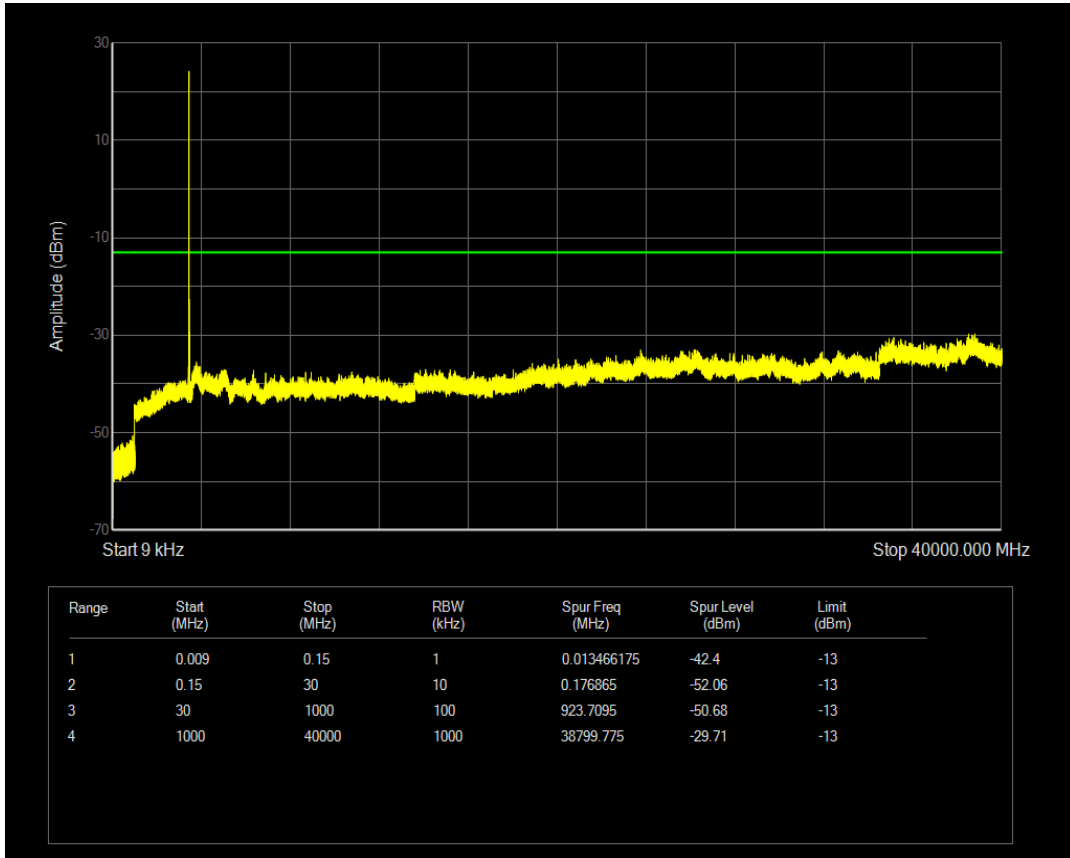
**6 Out-of-band emissions for NR FR1**

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	38612.58	-29.53	-13	PASS
n78(3450-3550)	30	20	630668	1@0	DFT_QPSK	38799.78	-29.71	-13	PASS
n78(3450-3550)	30	20	630668	1@50	DFT_QPSK	38487.78	-30.01	-13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	38717.88	-30.19	-13	PASS
n78(3450-3550)	30	20	633334	1@0	DFT_QPSK	38800.75	-29.70	-13	PASS
n78(3450-3550)	30	20	633334	1@50	DFT_QPSK	35027.50	-29.99	-13	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	38663.28	-28.65	-13	PASS
n78(3450-3550)	30	20	636000	1@0	DFT_QPSK	38606.73	-29.21	-13	PASS
n78(3450-3550)	30	20	636000	1@50	DFT_QPSK	38641.83	-29.96	-13	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	38958.70	-30.10	-13	PASS
n78(3450-3550)	30	100	633334	1@0	DFT_QPSK	38736.40	-30.12	-13	PASS
n78(3450-3550)	30	100	633334	1@272	DFT_QPSK	38749.08	-29.86	-13	PASS

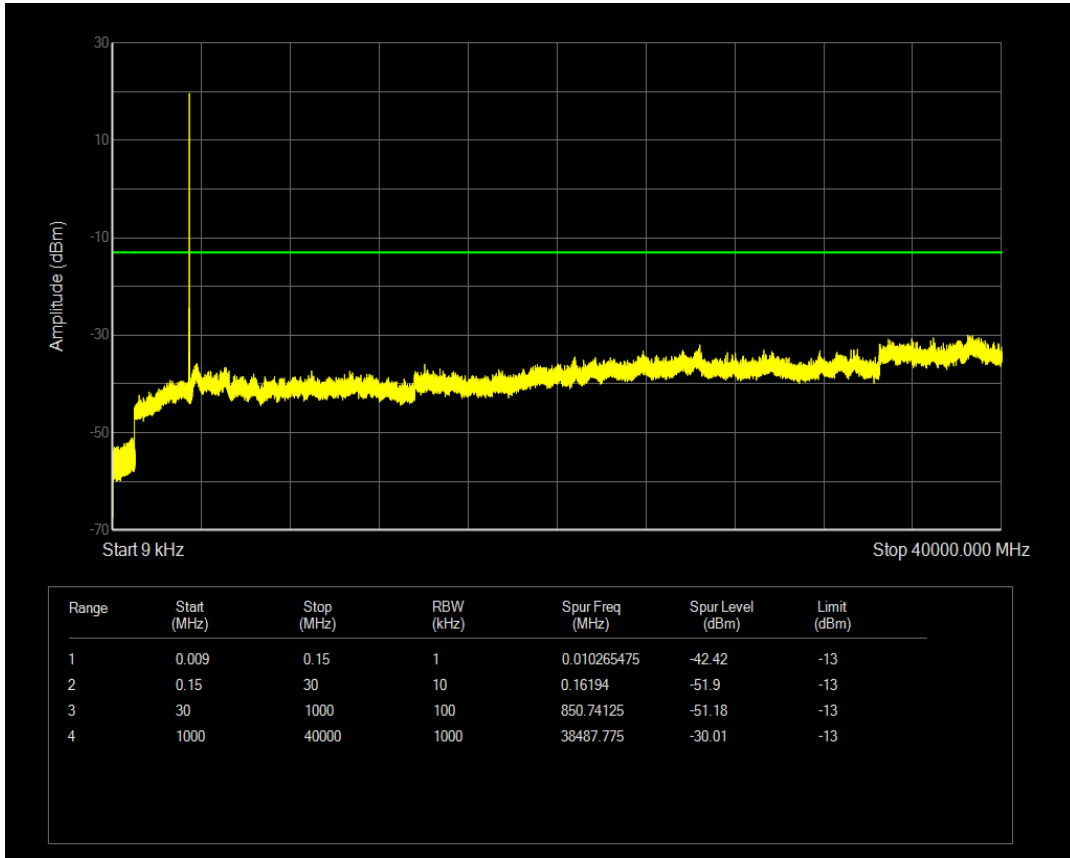
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=630668 RB=50@0



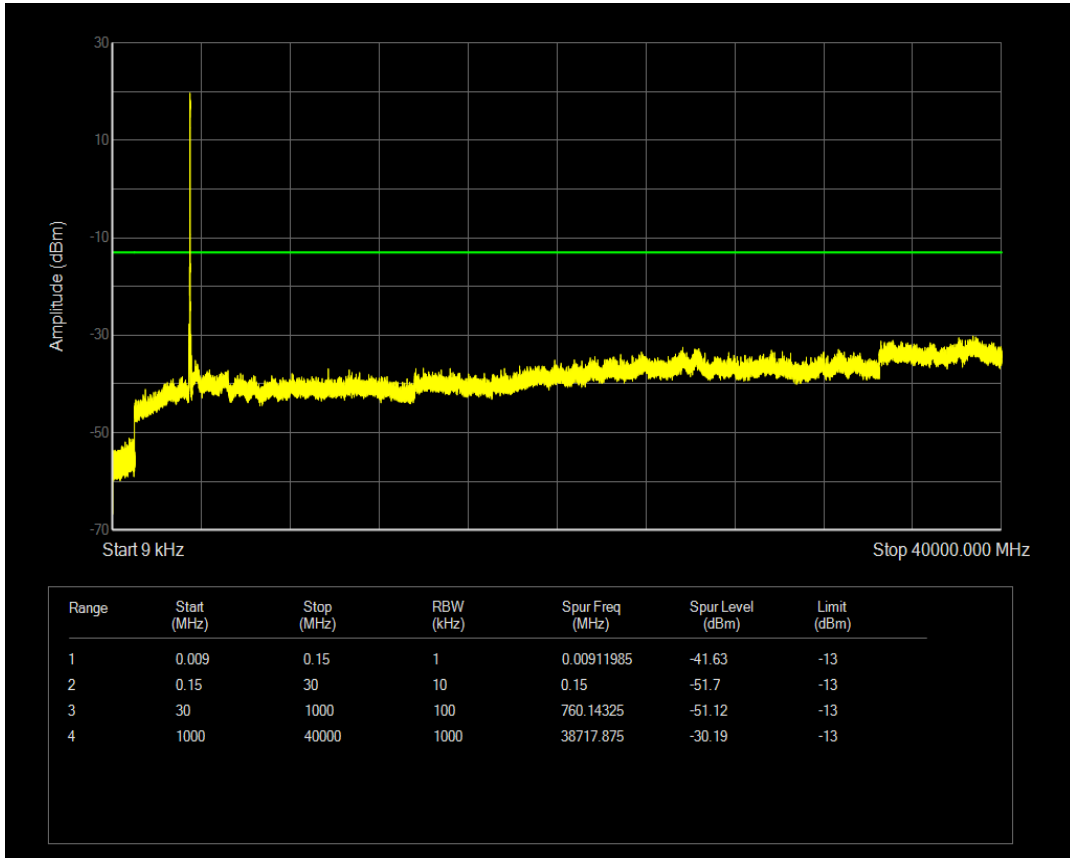
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=630668 RB=1 @0



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

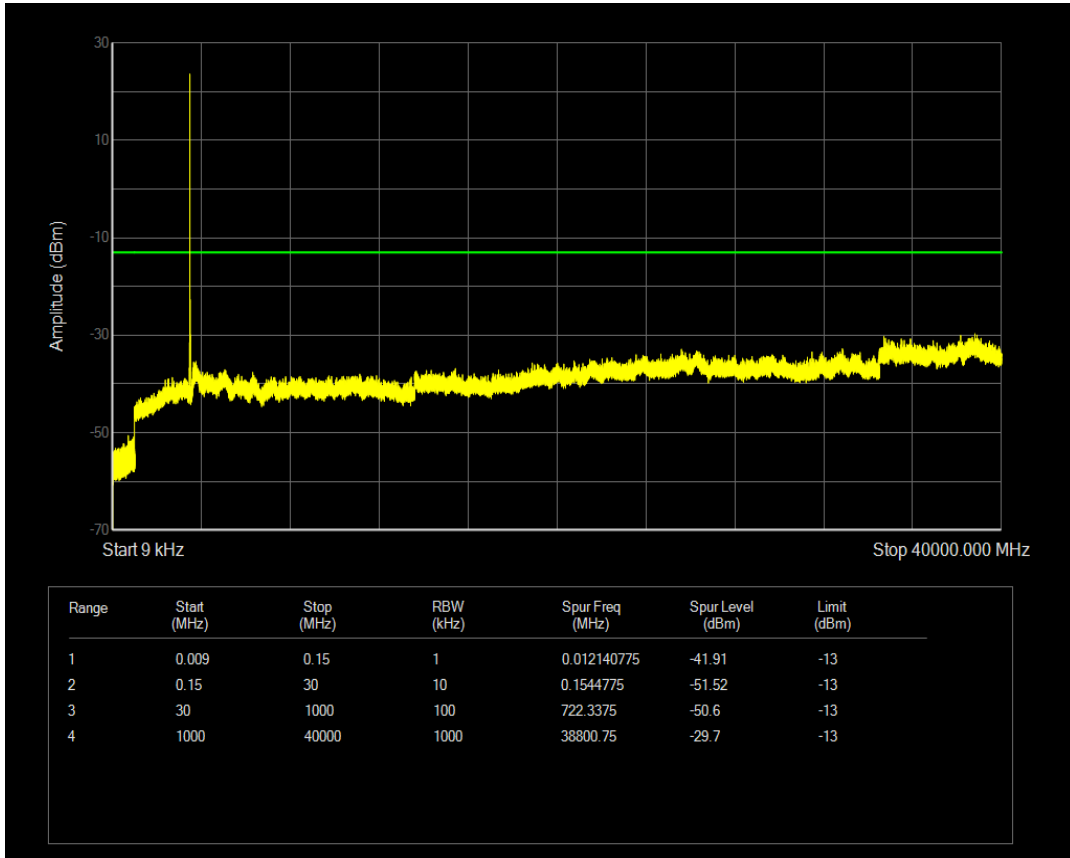


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50@0

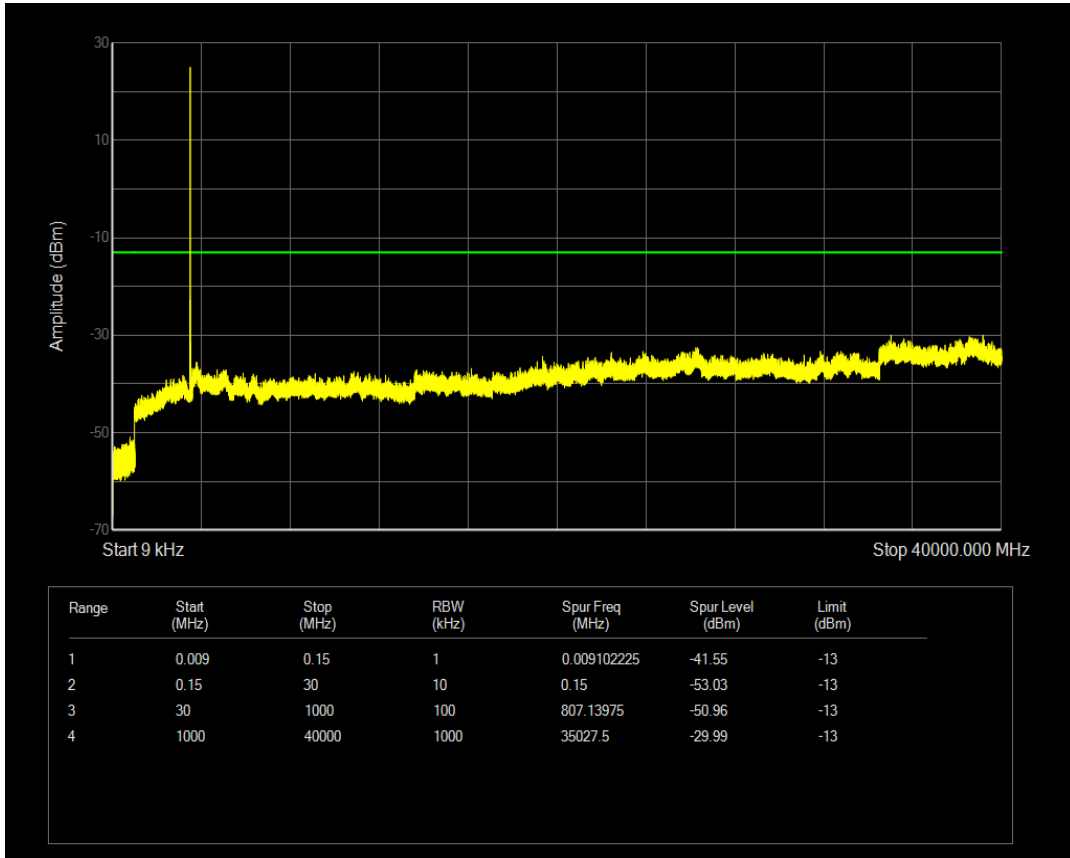


n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=1@0

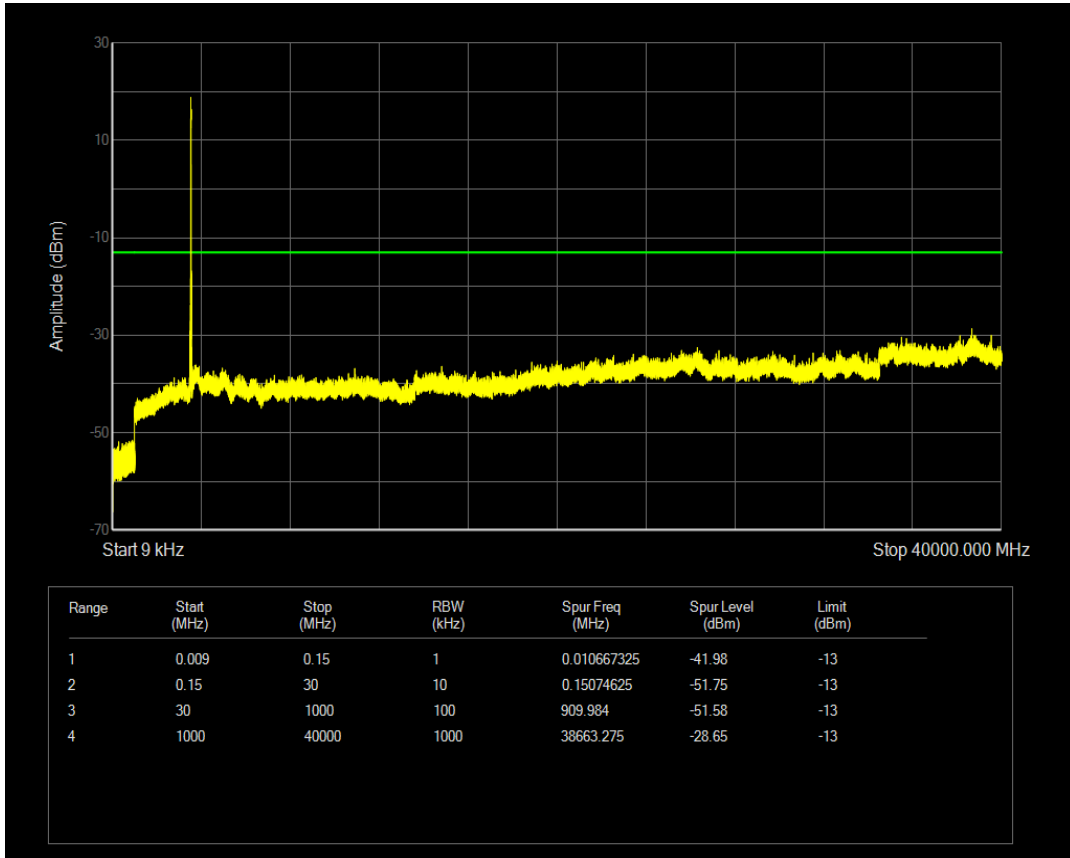




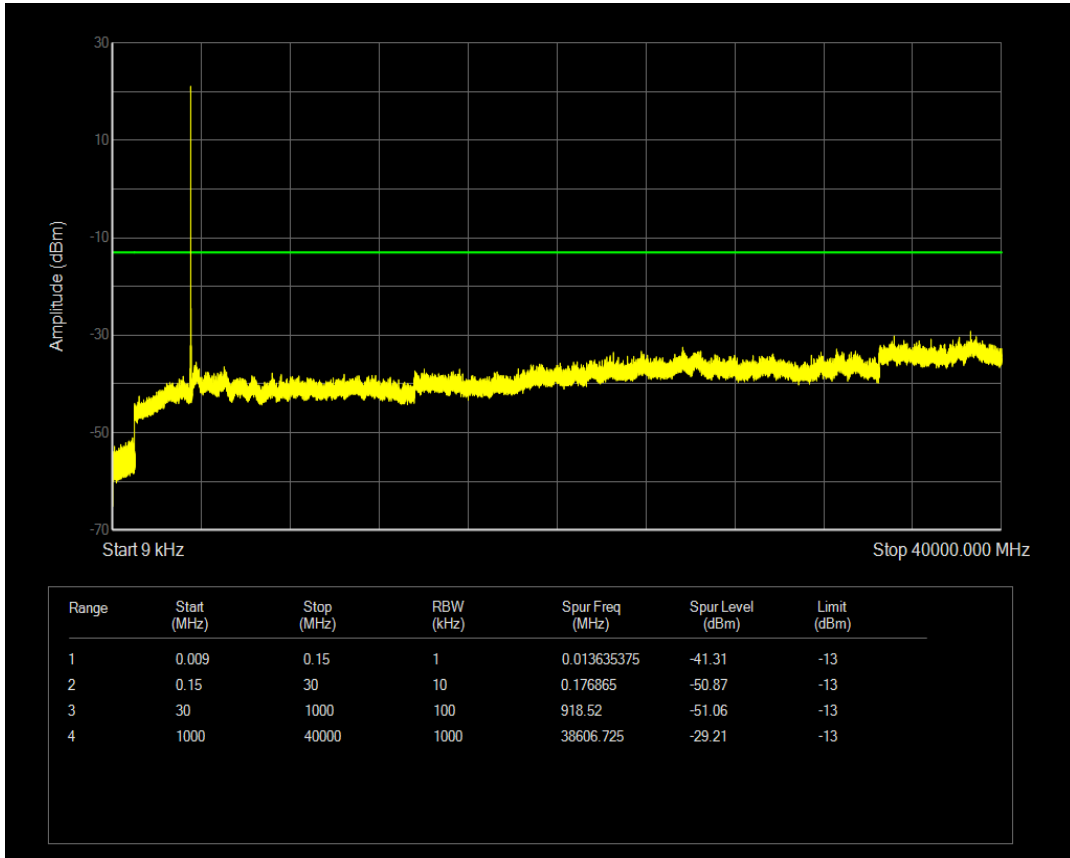
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=1@50



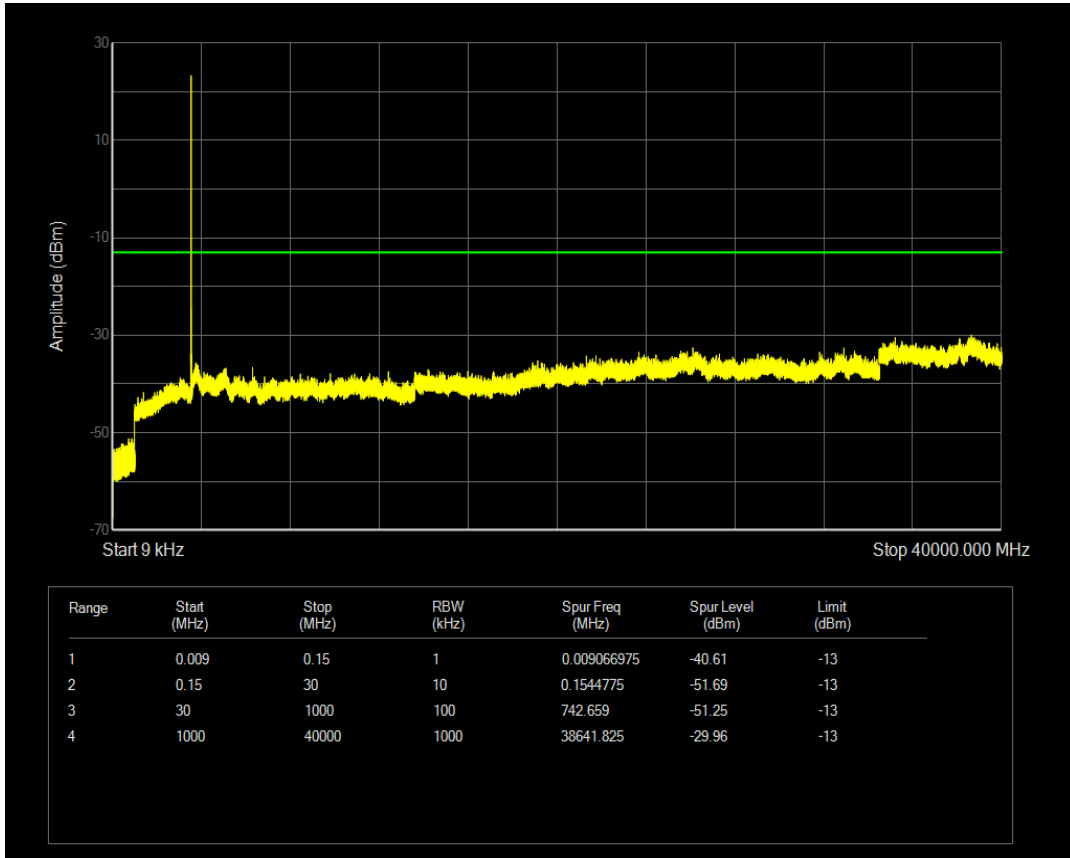
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=50@0



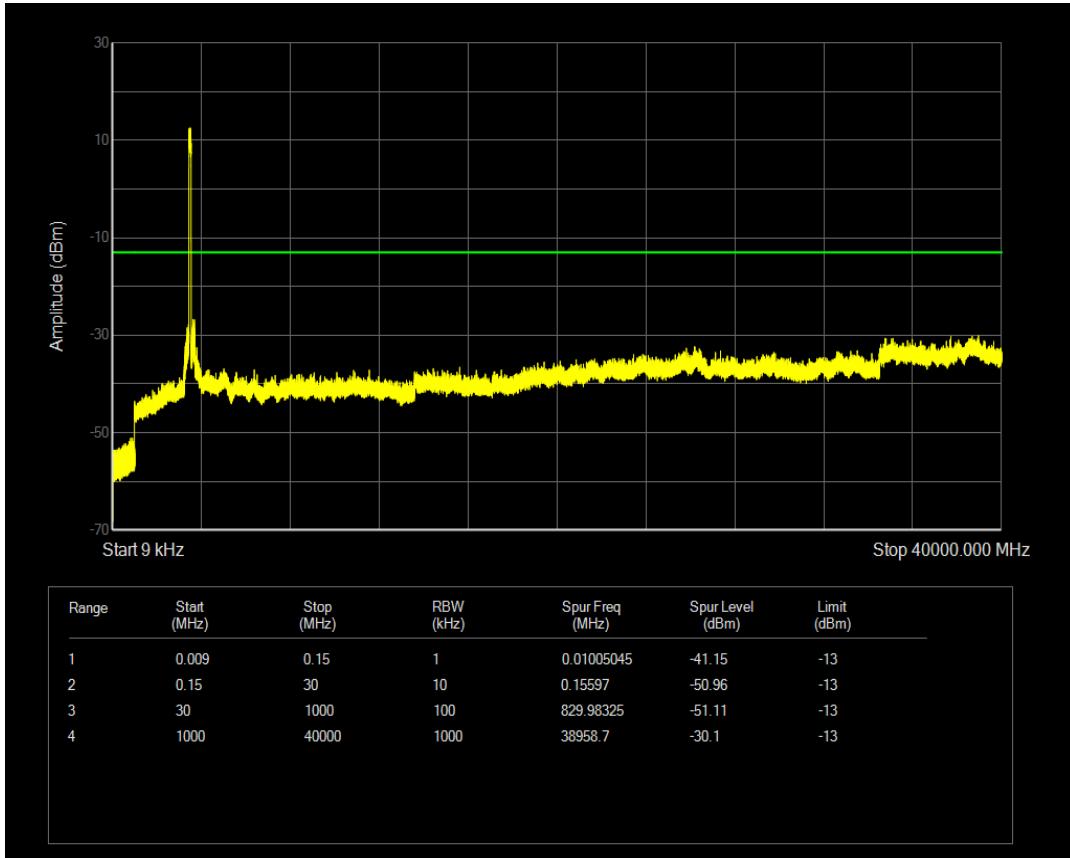
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=1 @0



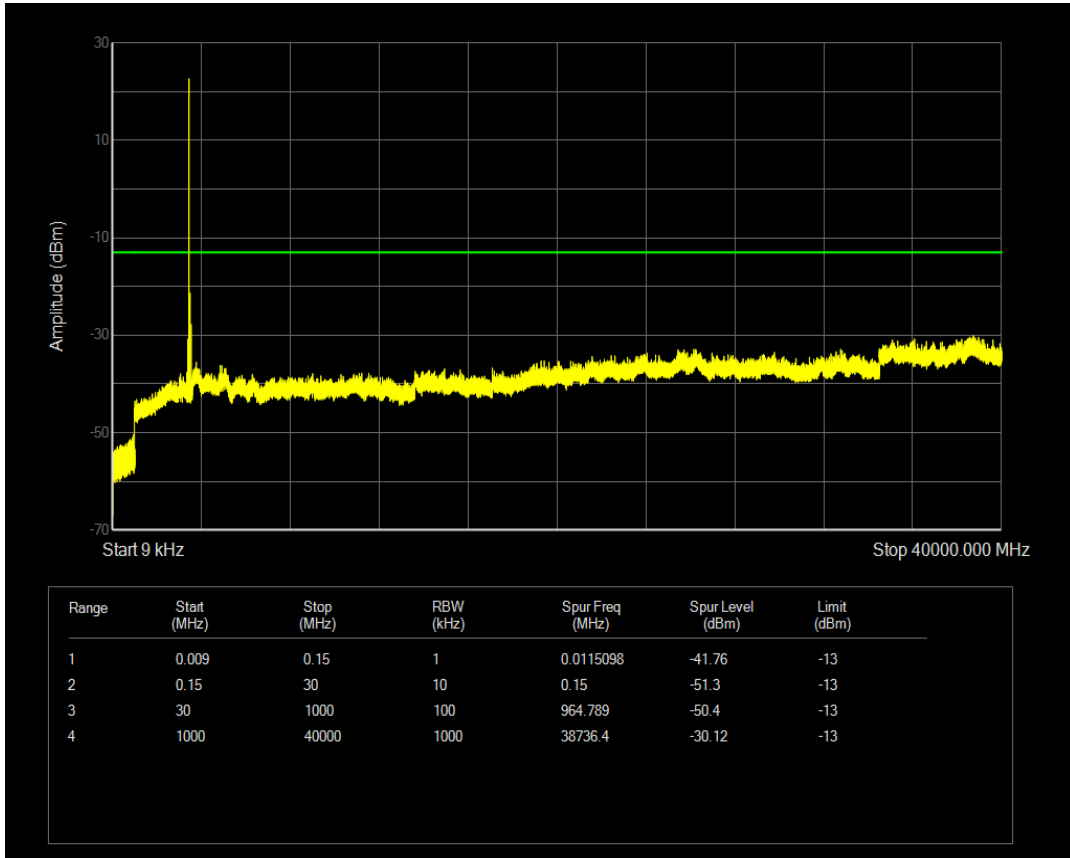
n78(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=636000 RB=1@50



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

