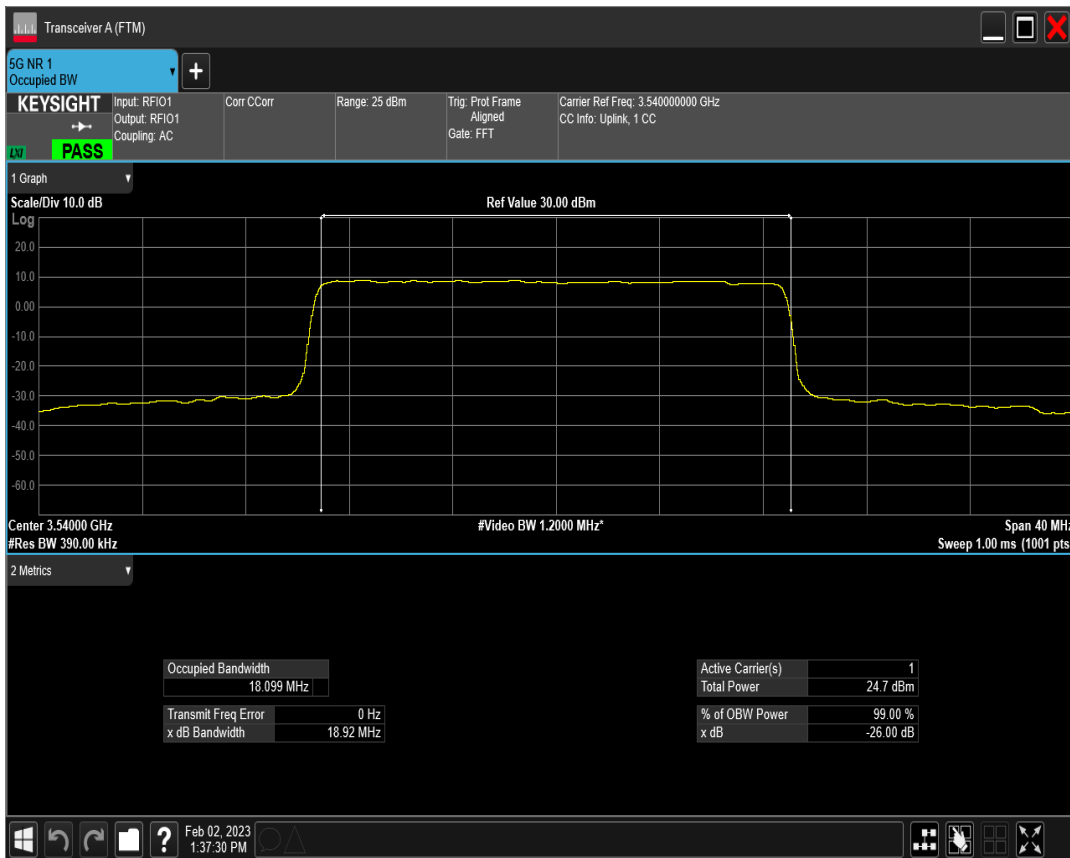
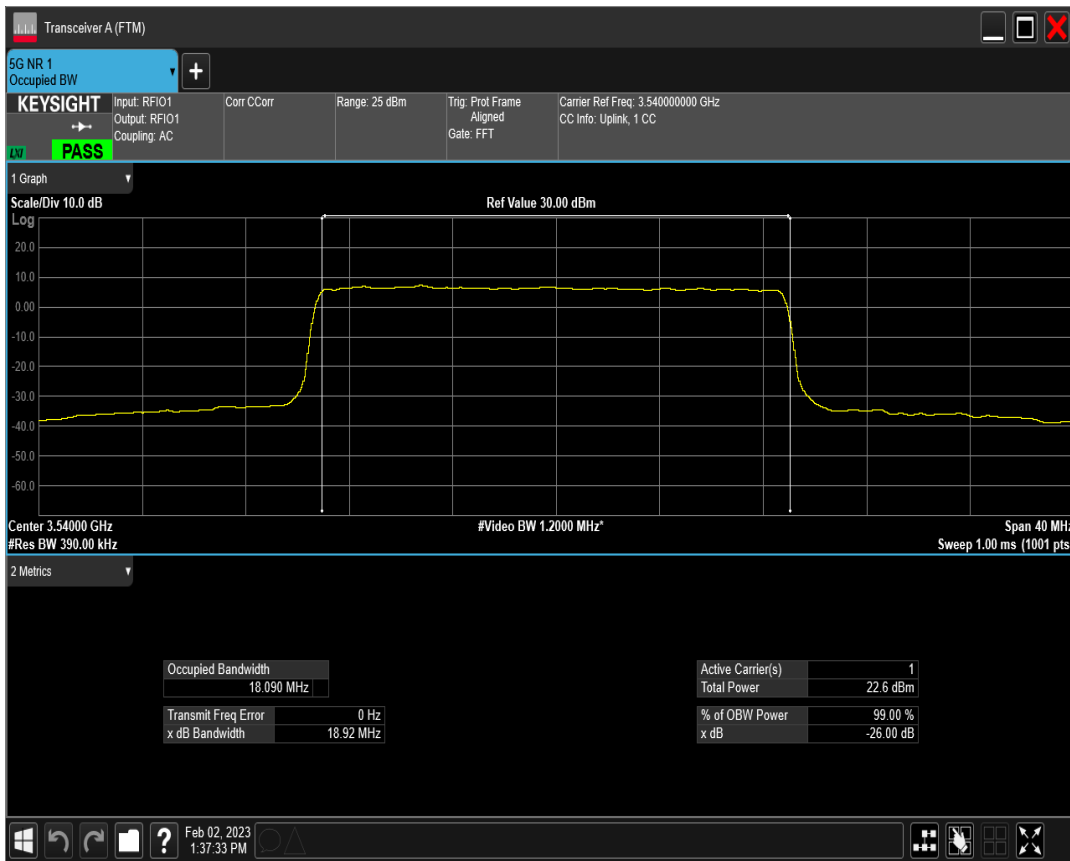




n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=636000 RB=50@0



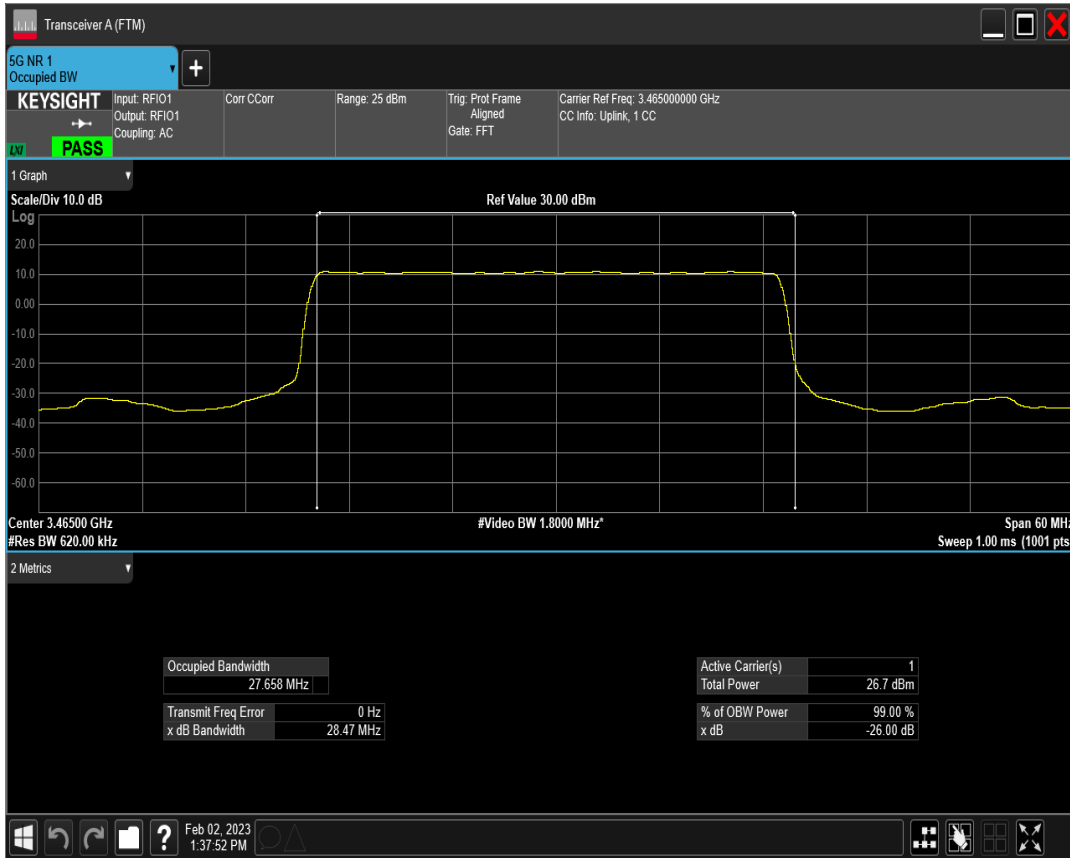
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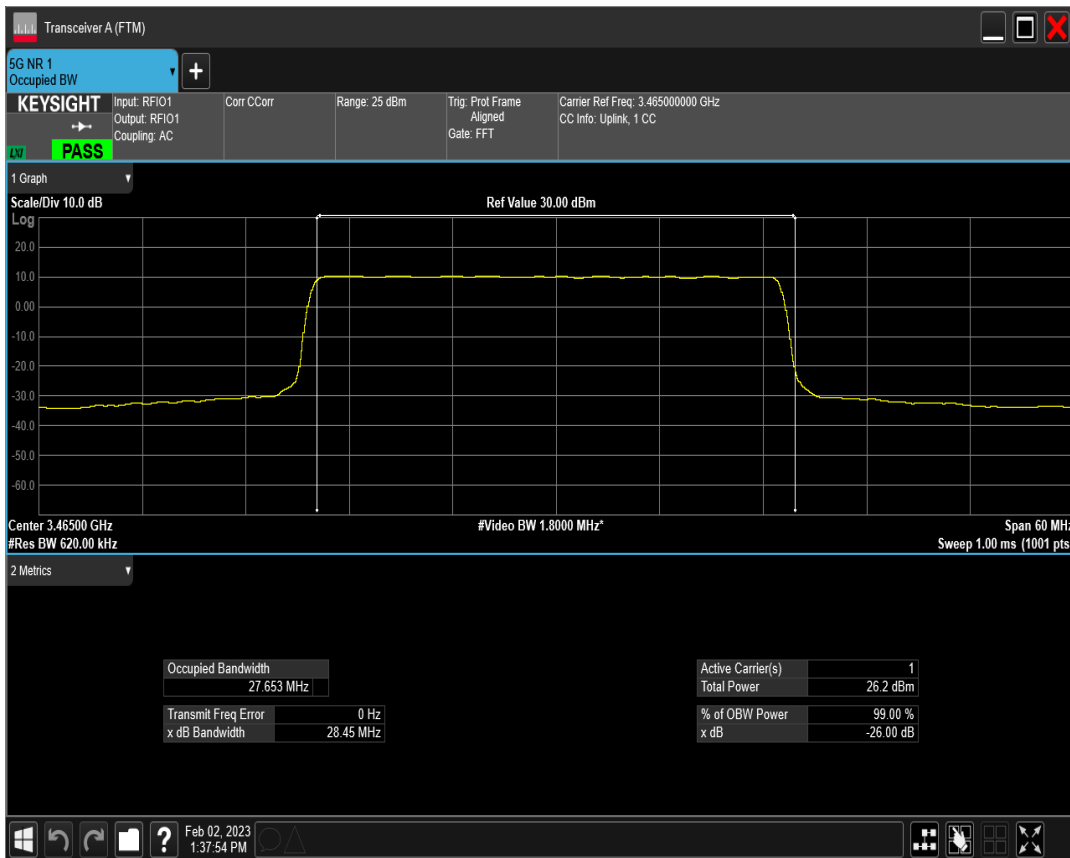
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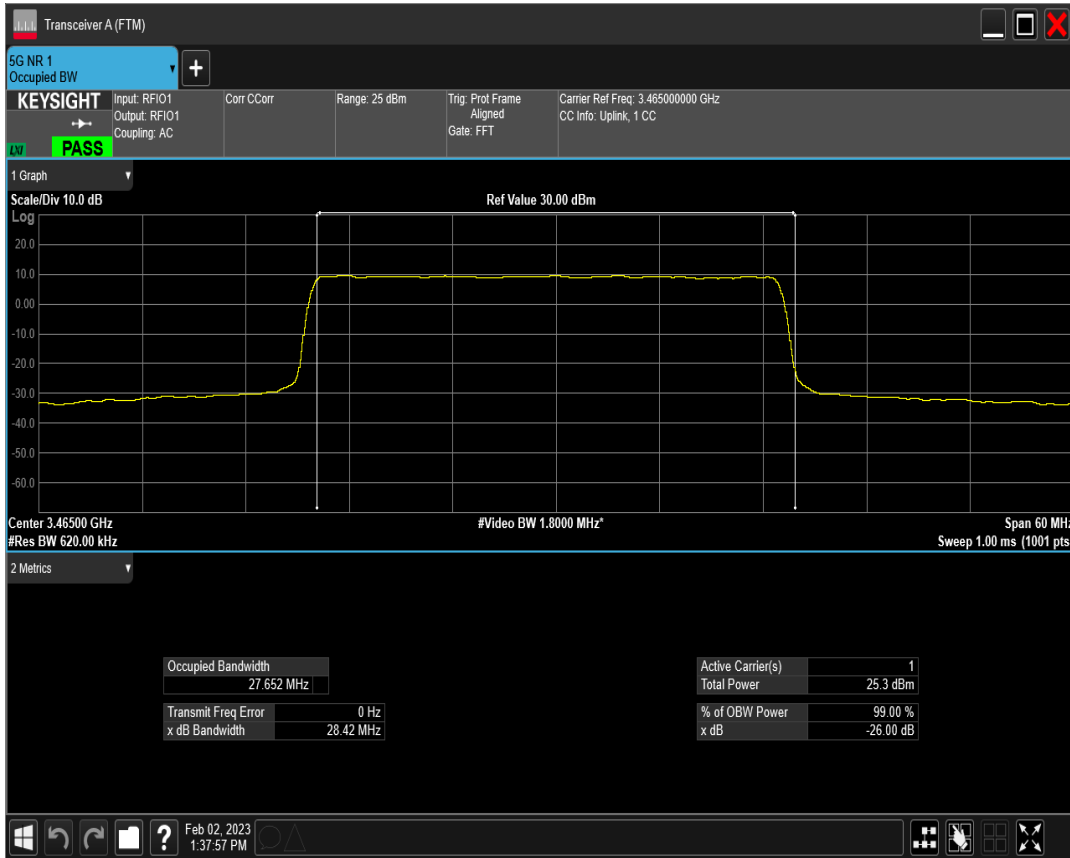
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=631000 RB=75 @0



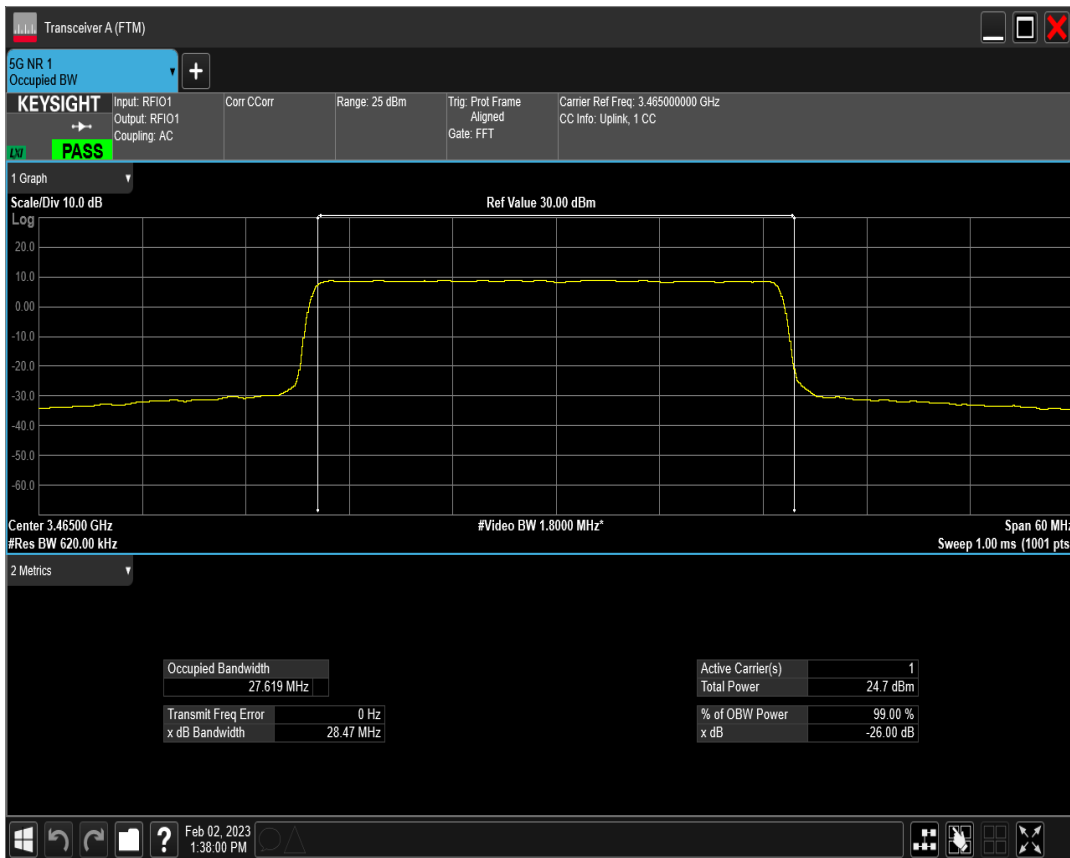
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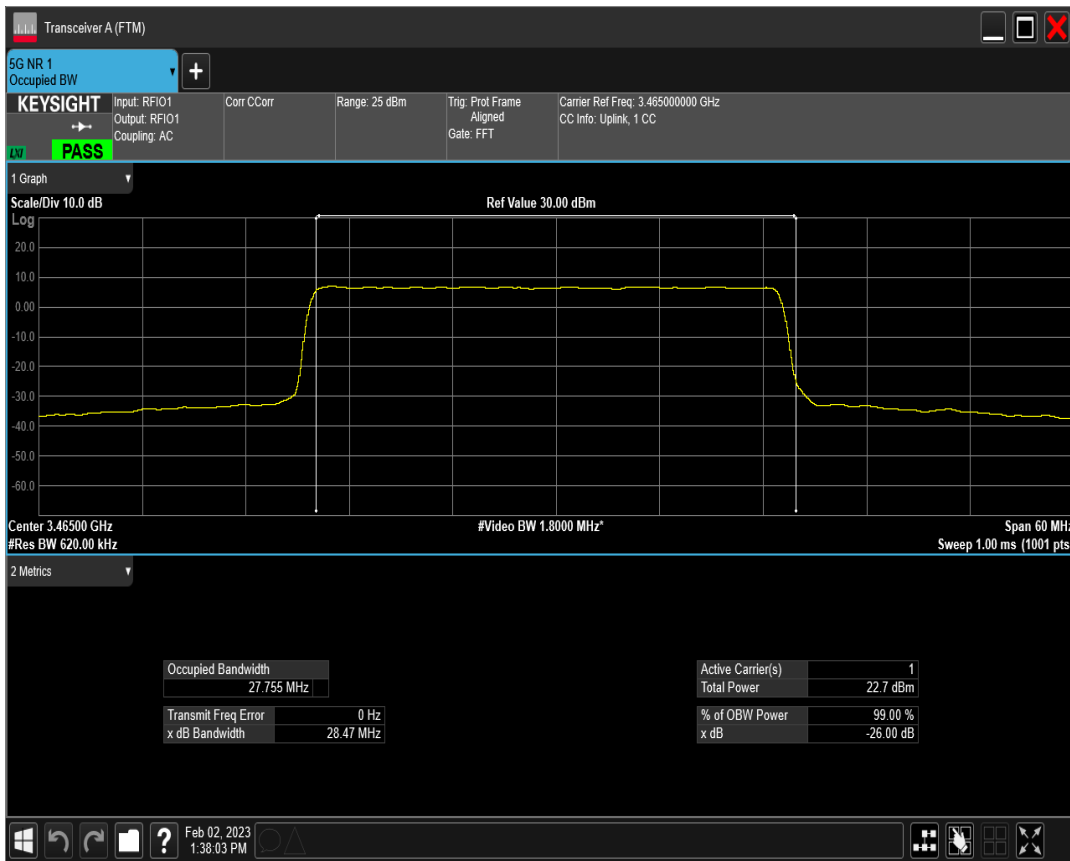
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=631000 RB=75@0



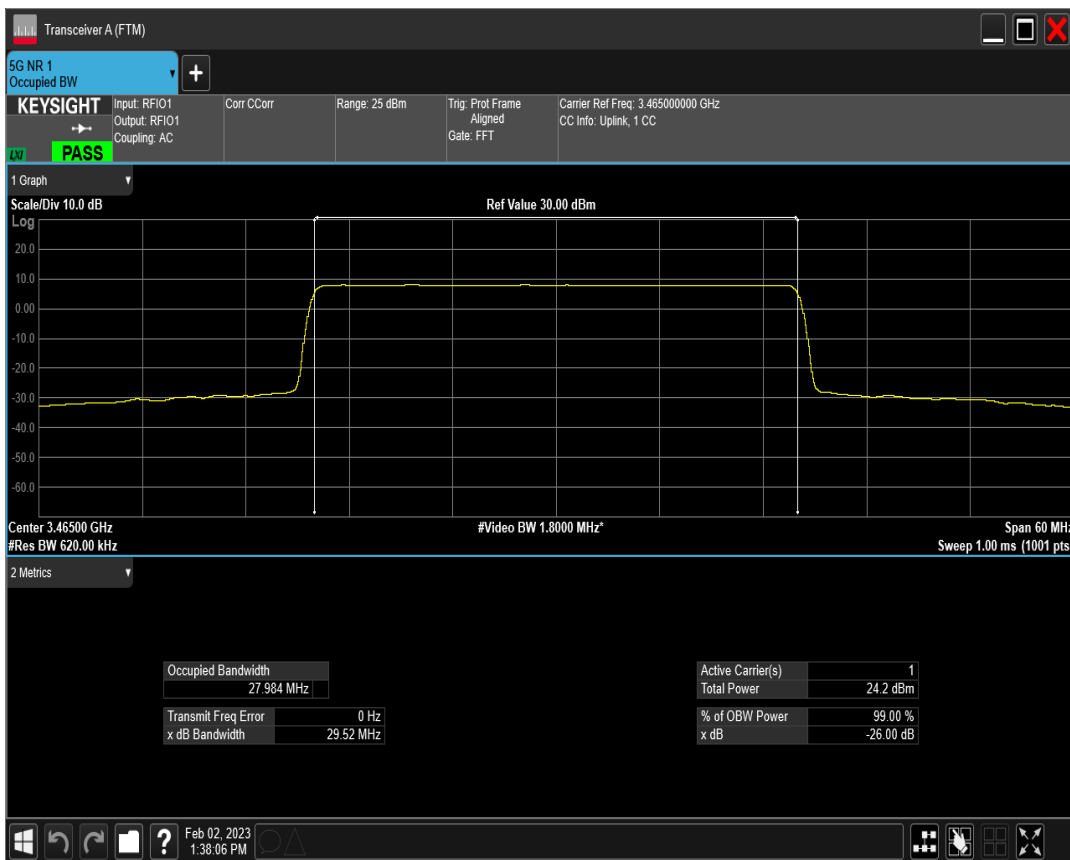
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=631000 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=75@0



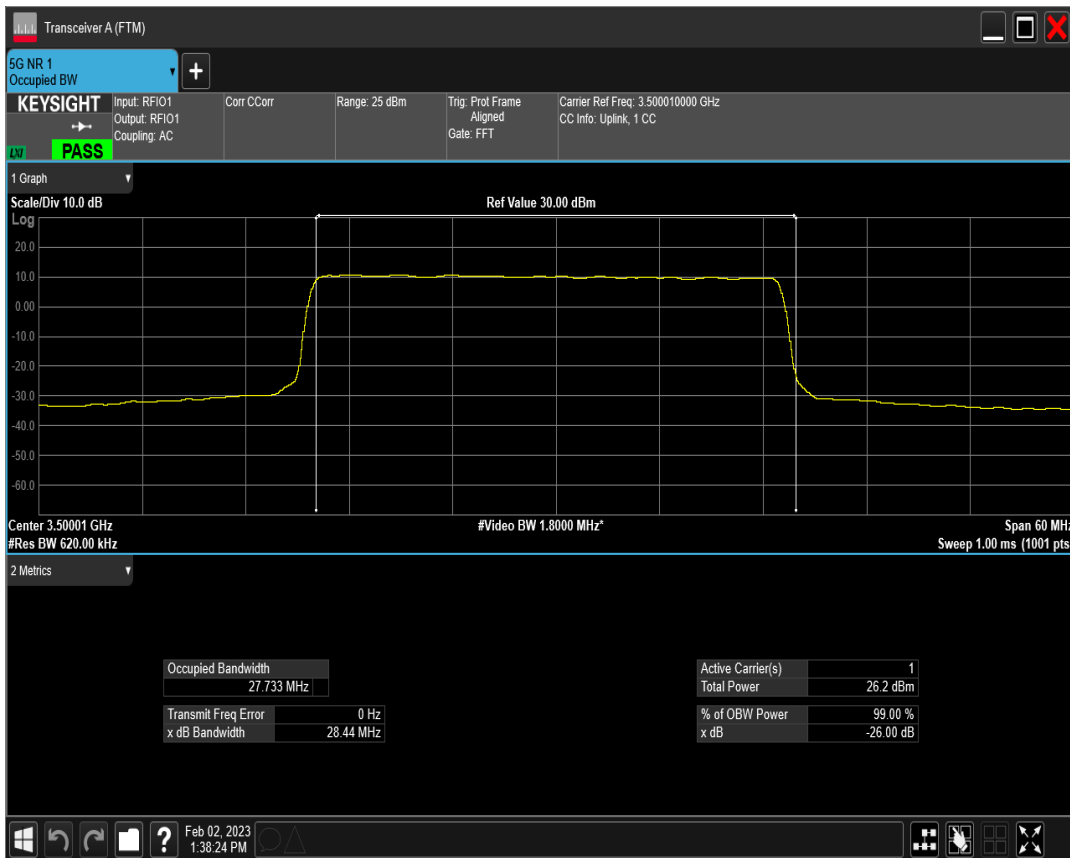
n77(3450-3550) SCS=30kHz CP\_QPSK BW=30MHz Channel=631000 RB=78@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=633334 RB=75@0



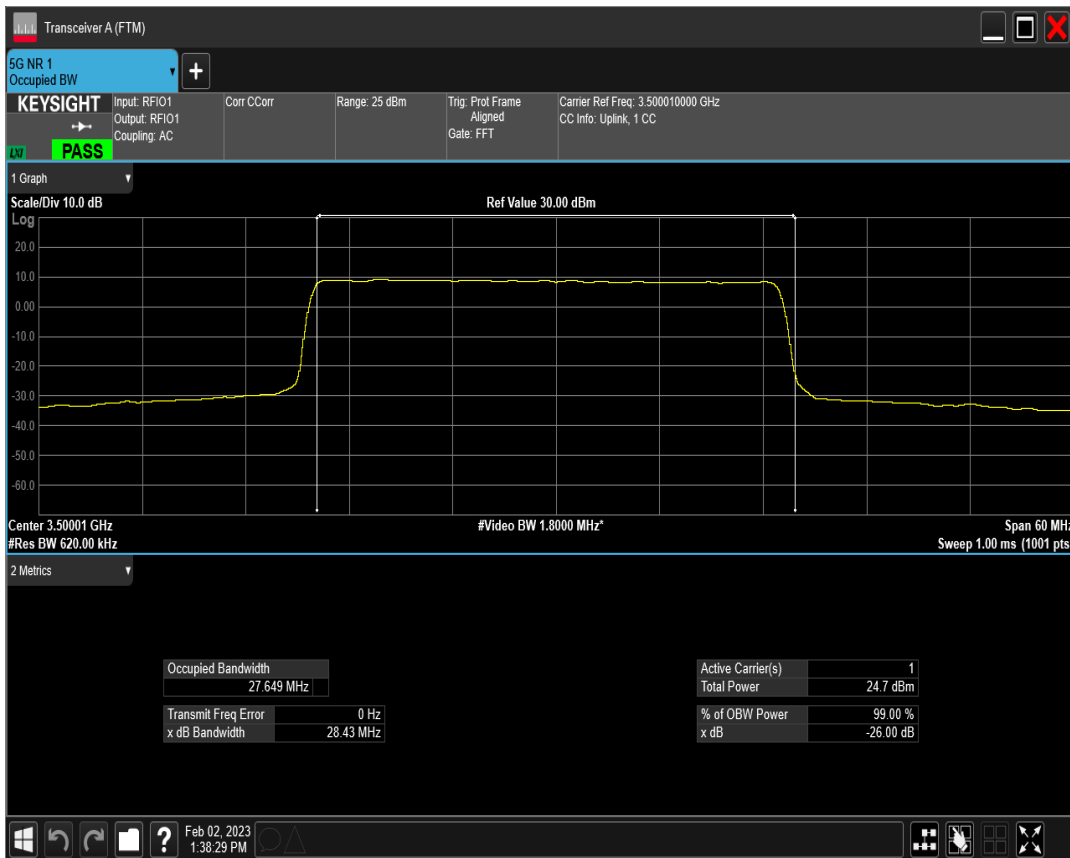
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75@0



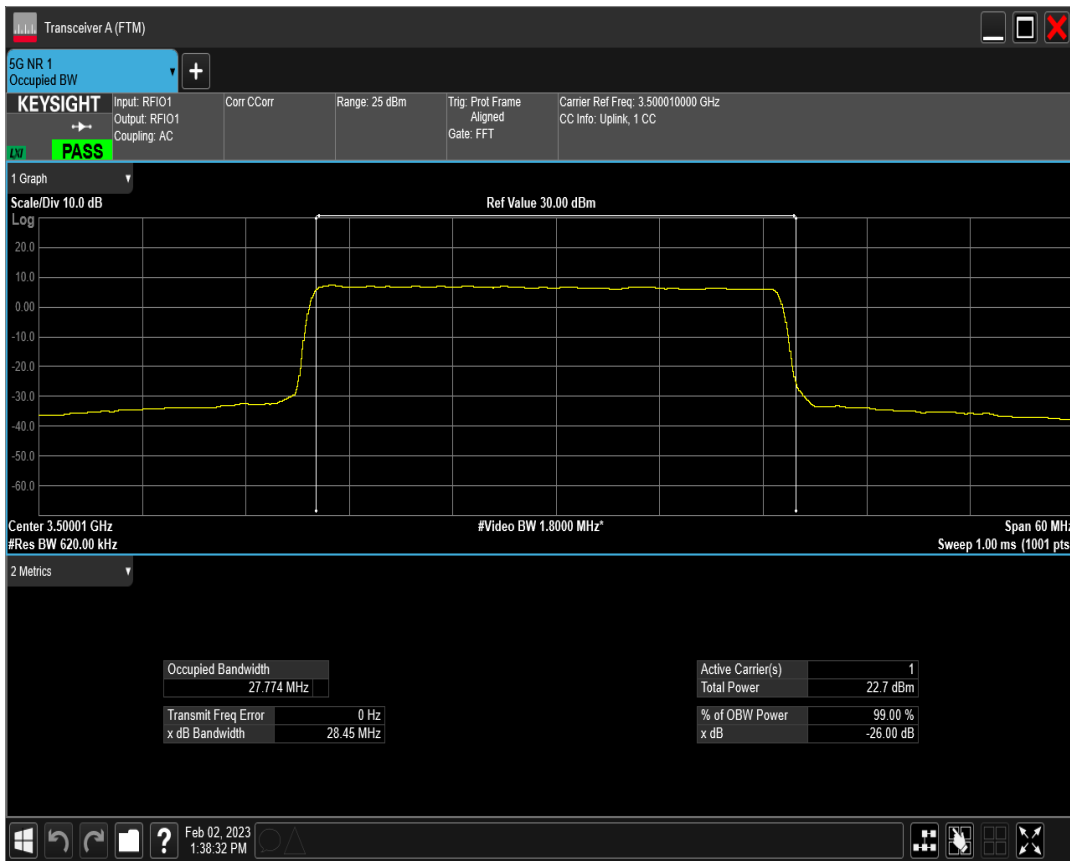
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=75@0

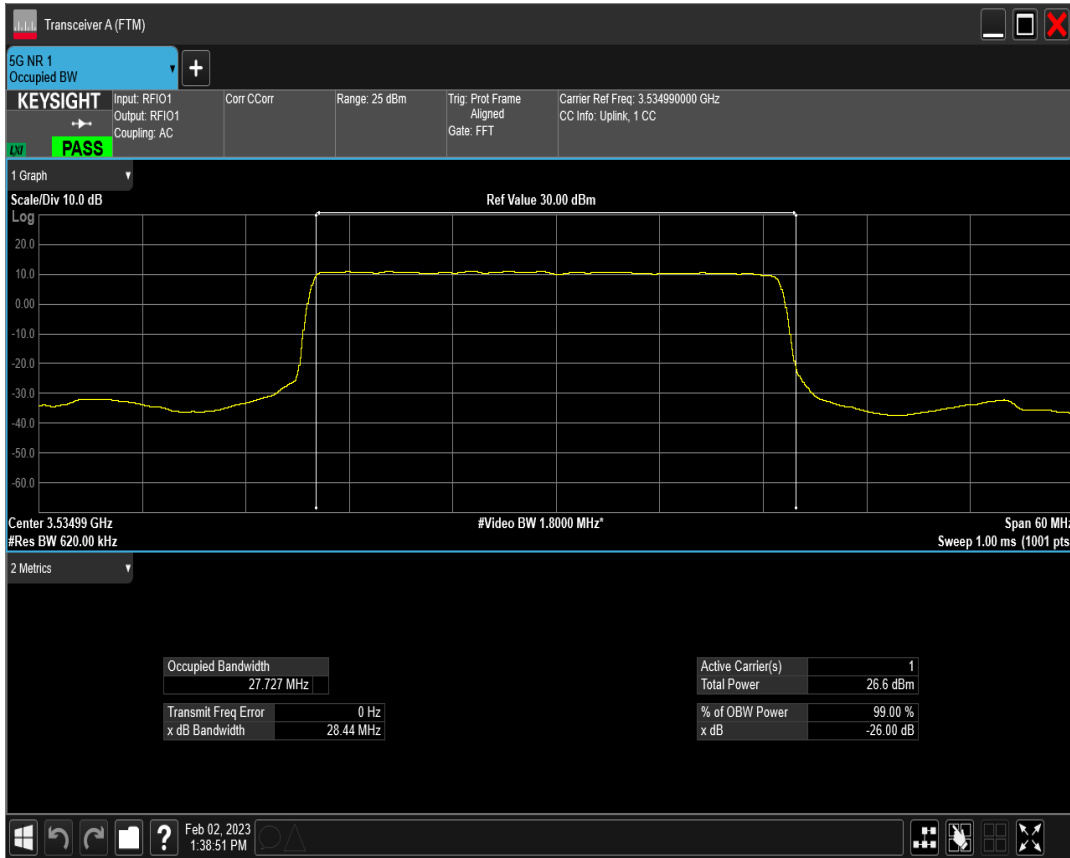


n77(3450-3550) SCS=30kHz CP\_QPSK BW=30MHz Channel=633334 RB=78@0

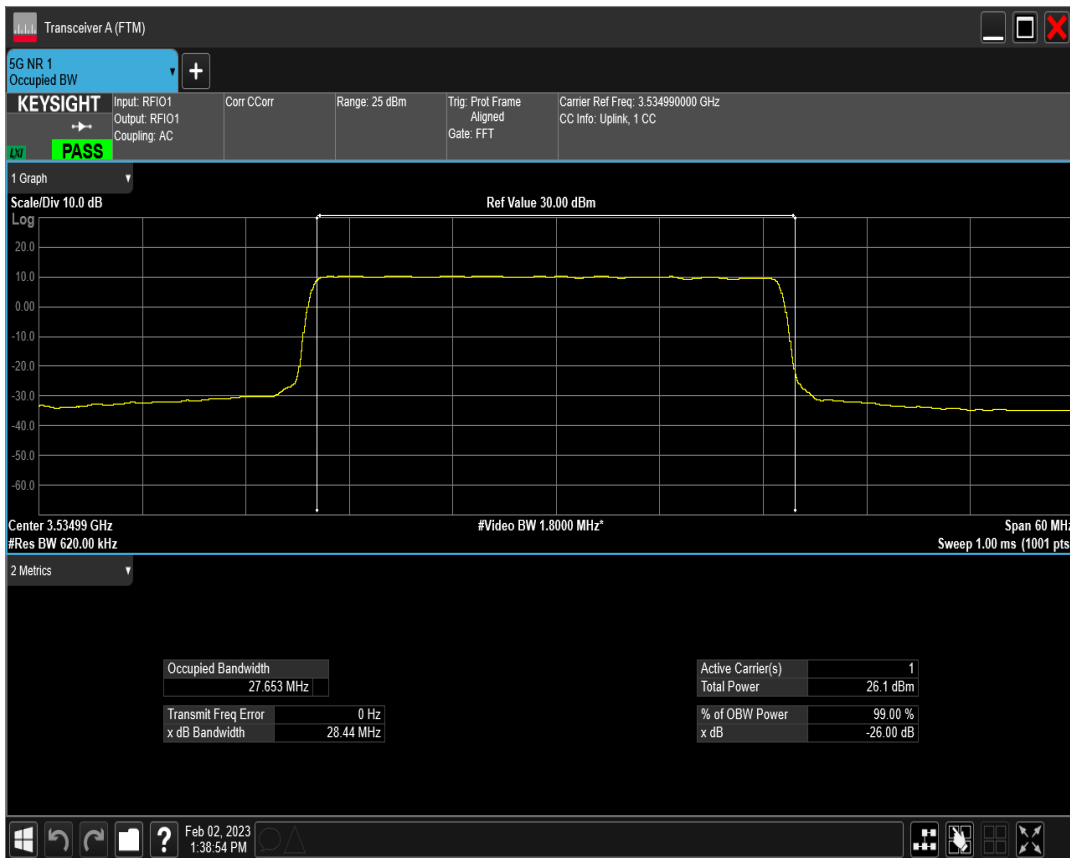


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=635666 RB=75@0

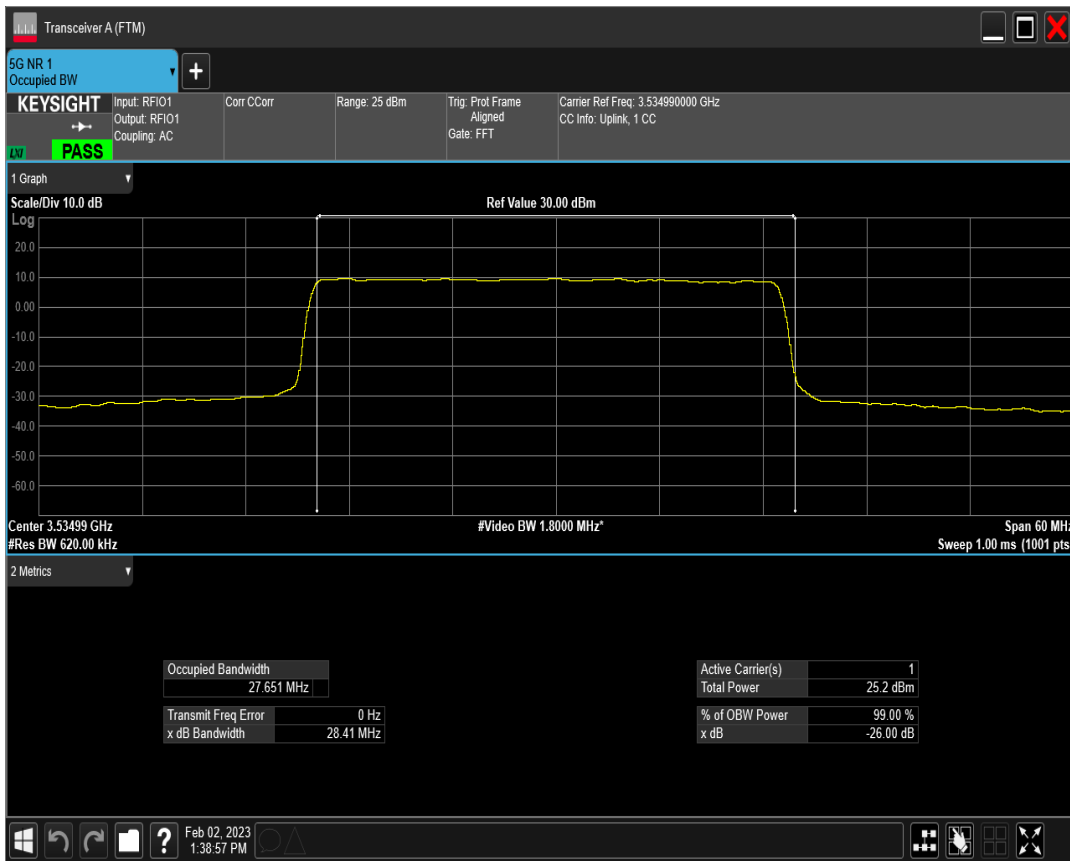




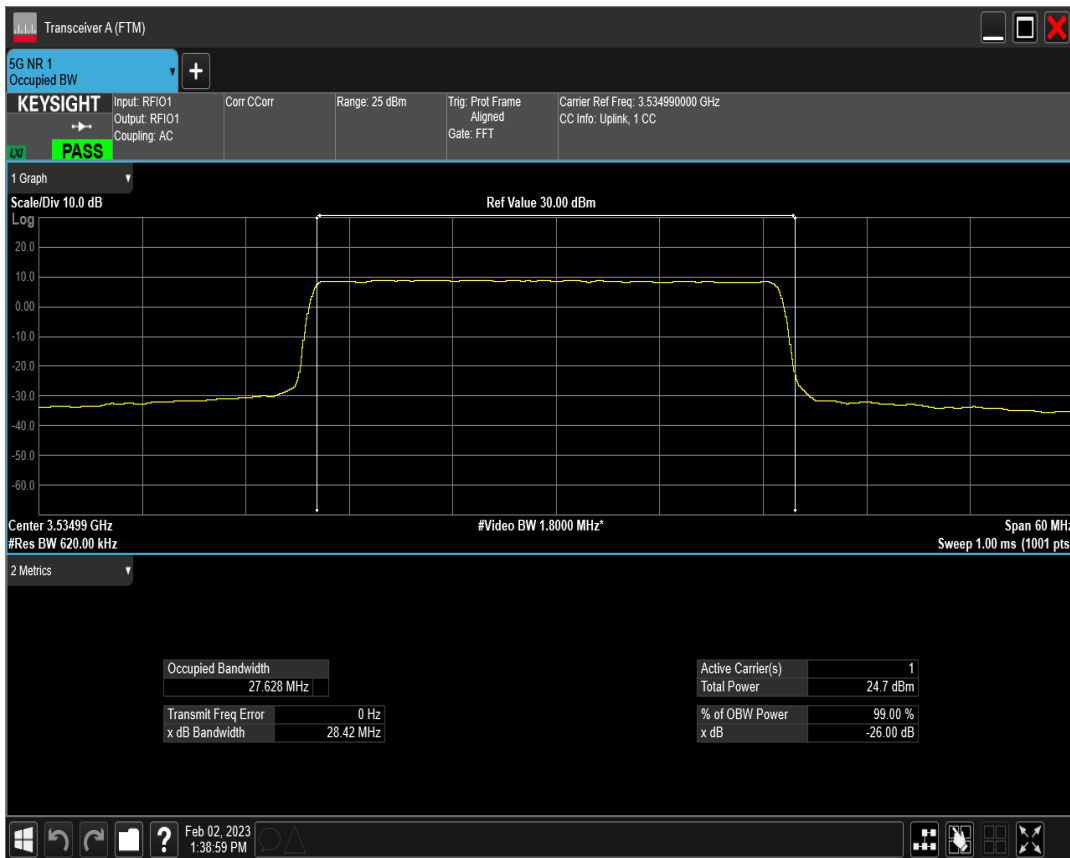
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=635666 RB=75@0



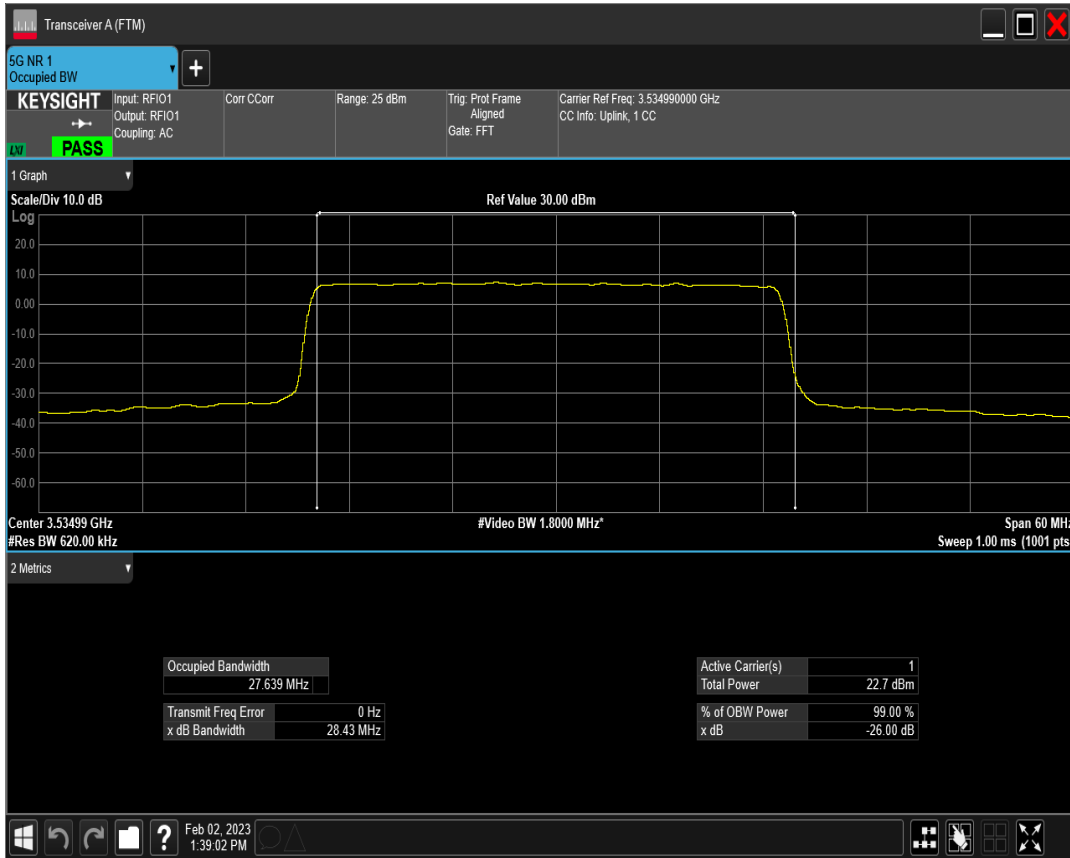
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=635666 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=75@0



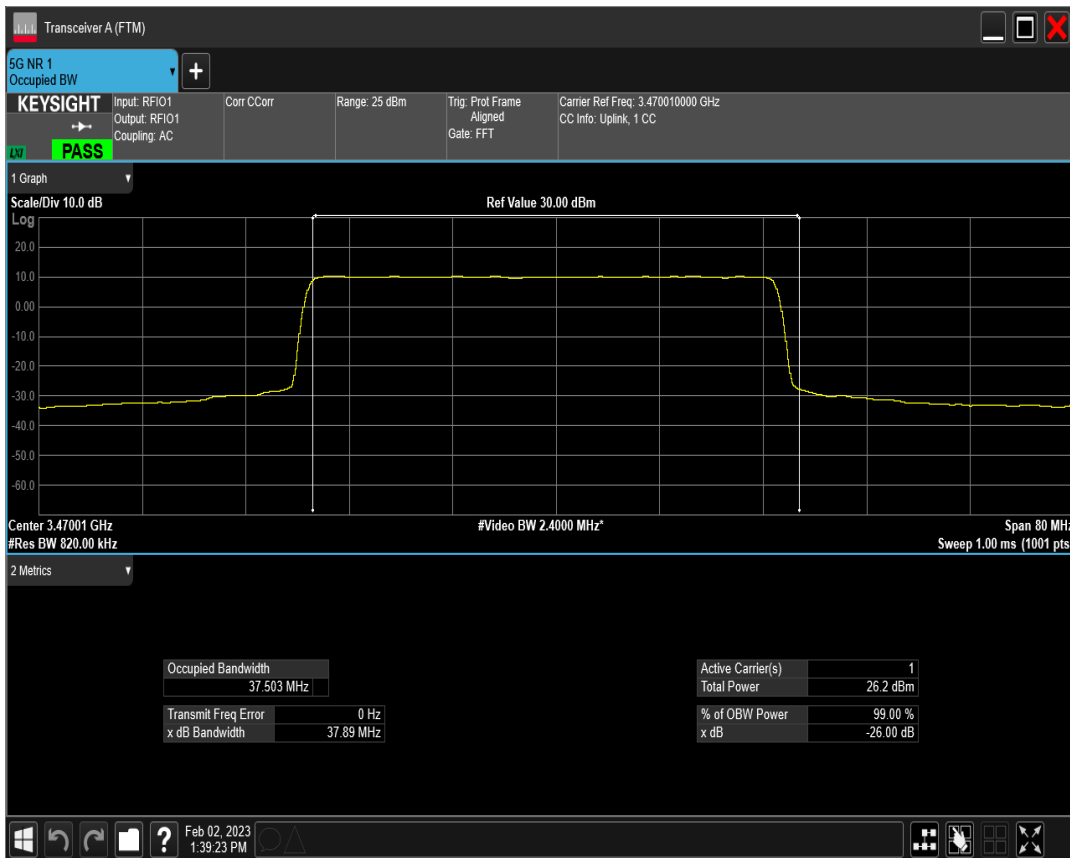
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n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=631334 RB=100@0



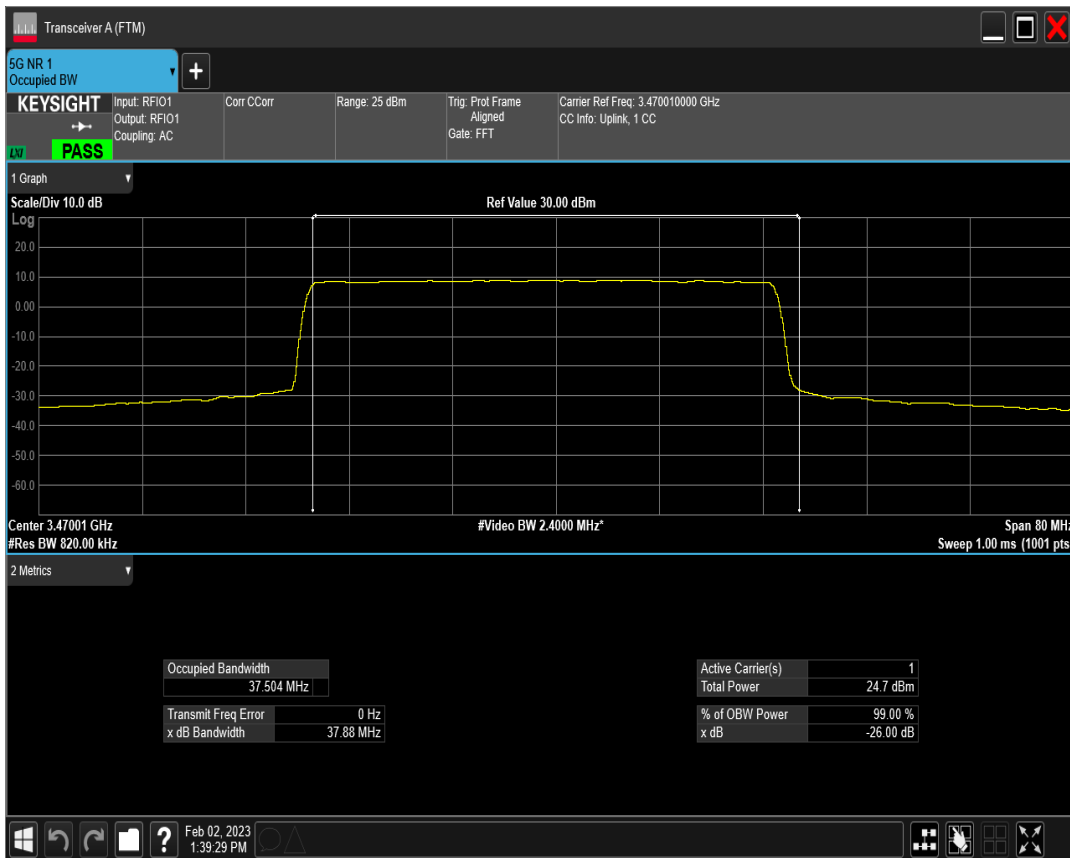
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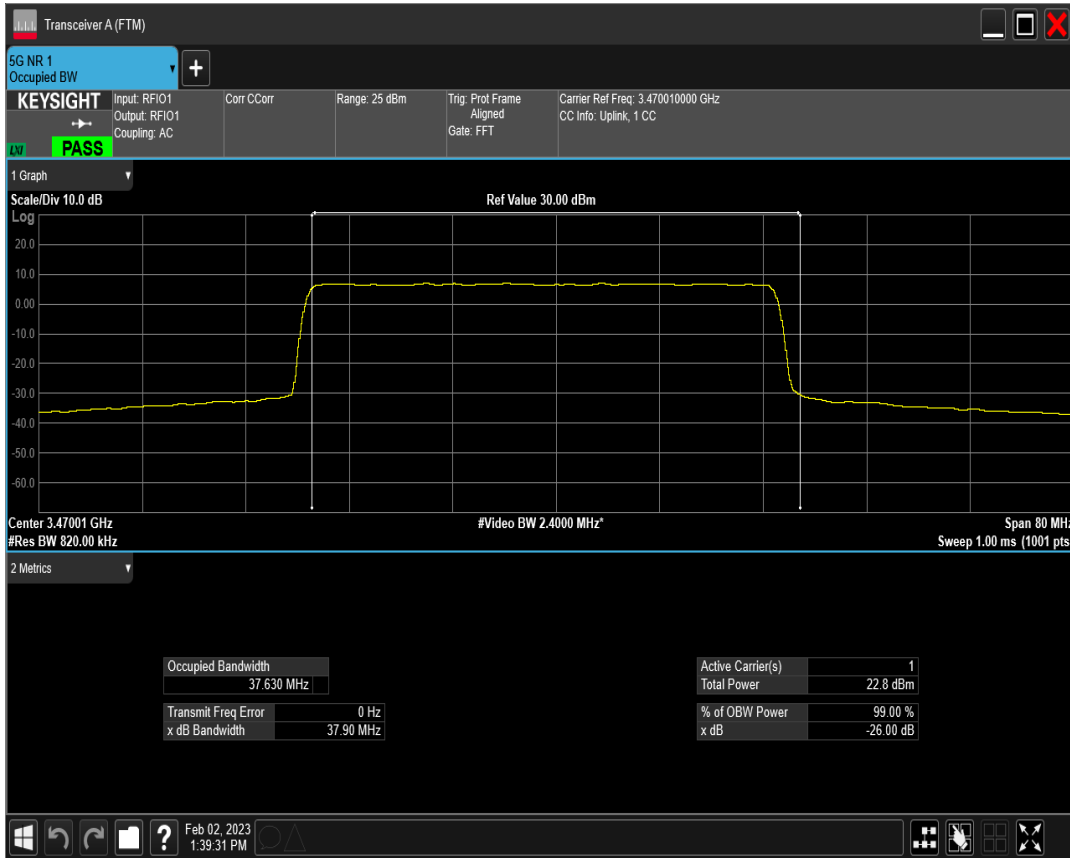
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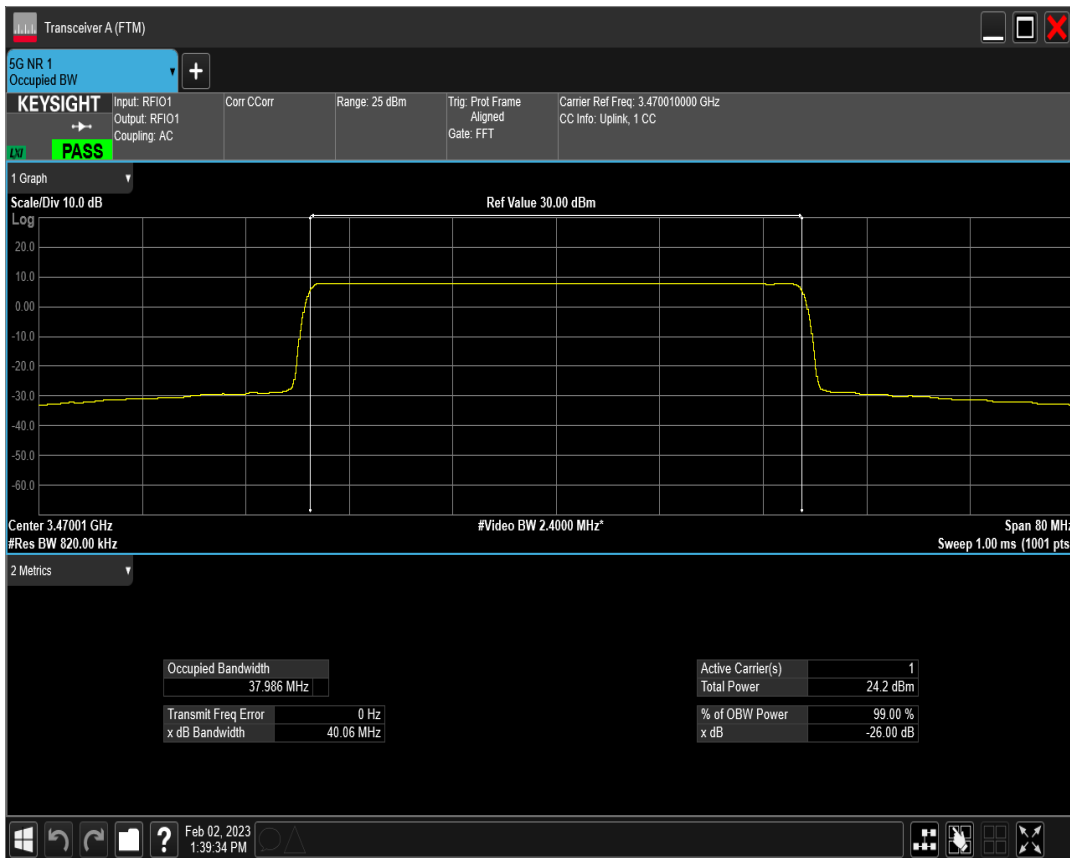
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=100@0



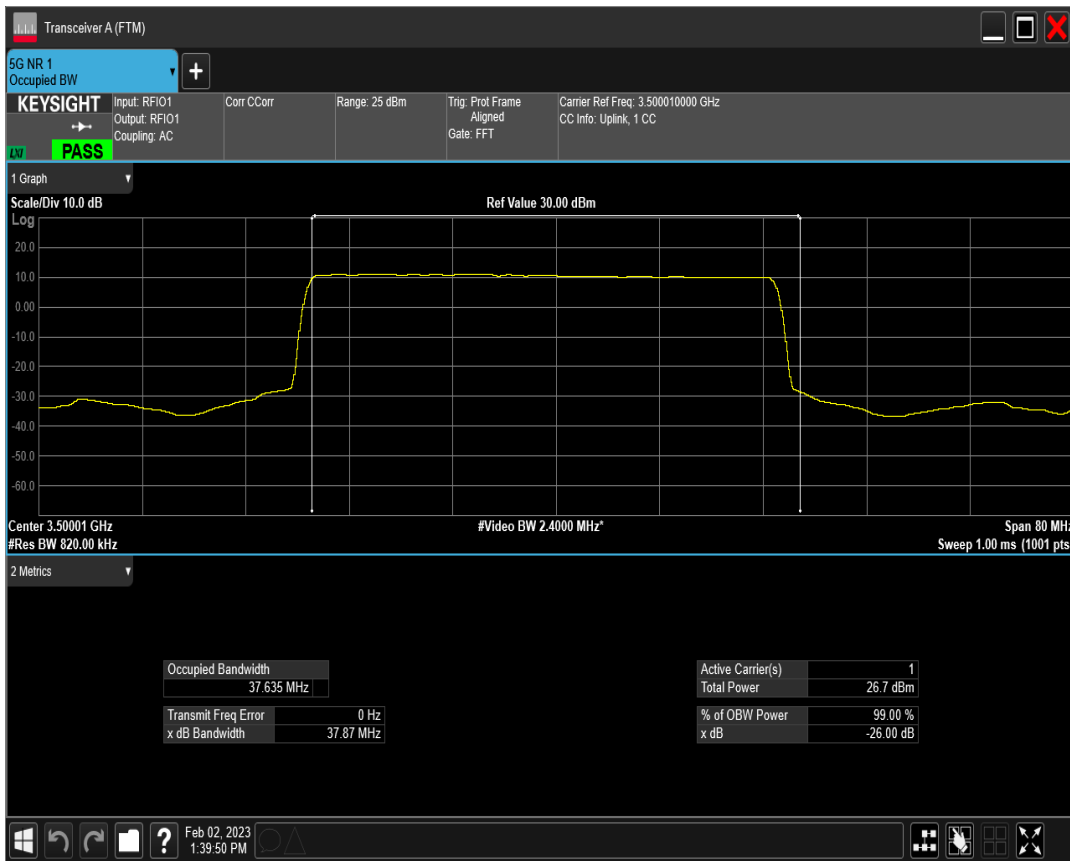
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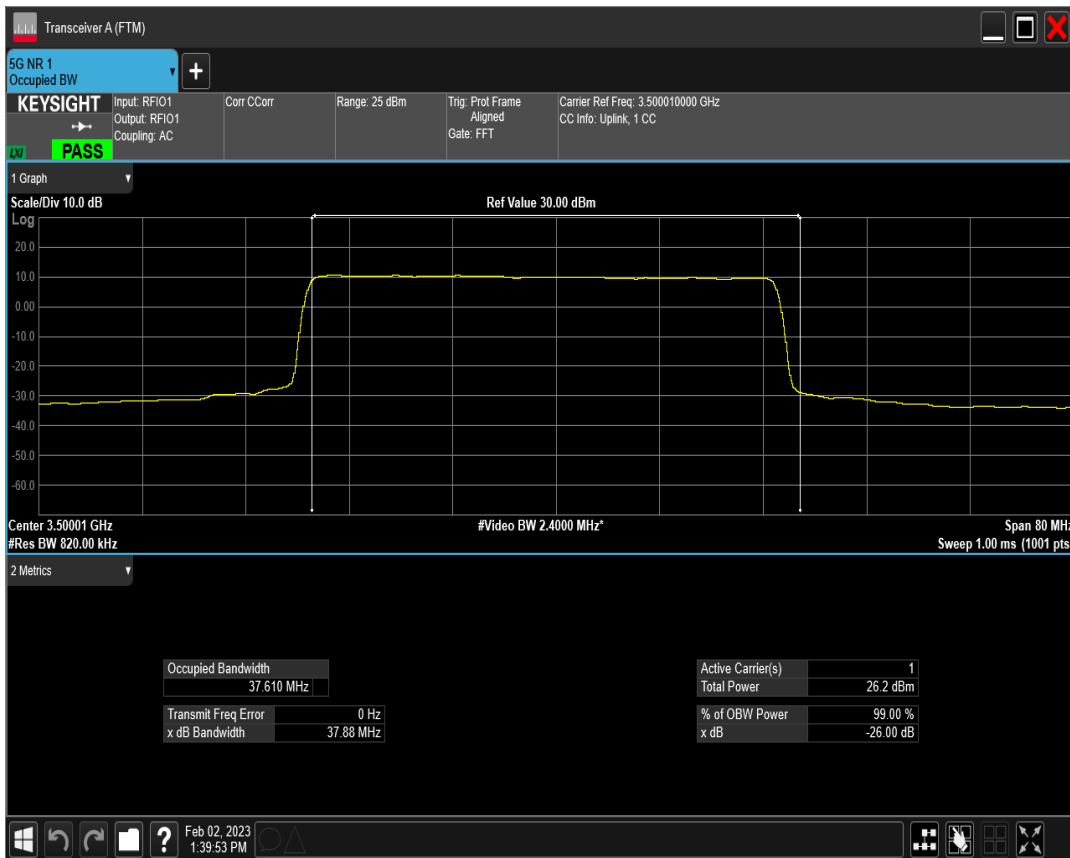
n77(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=631334 RB=106@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0



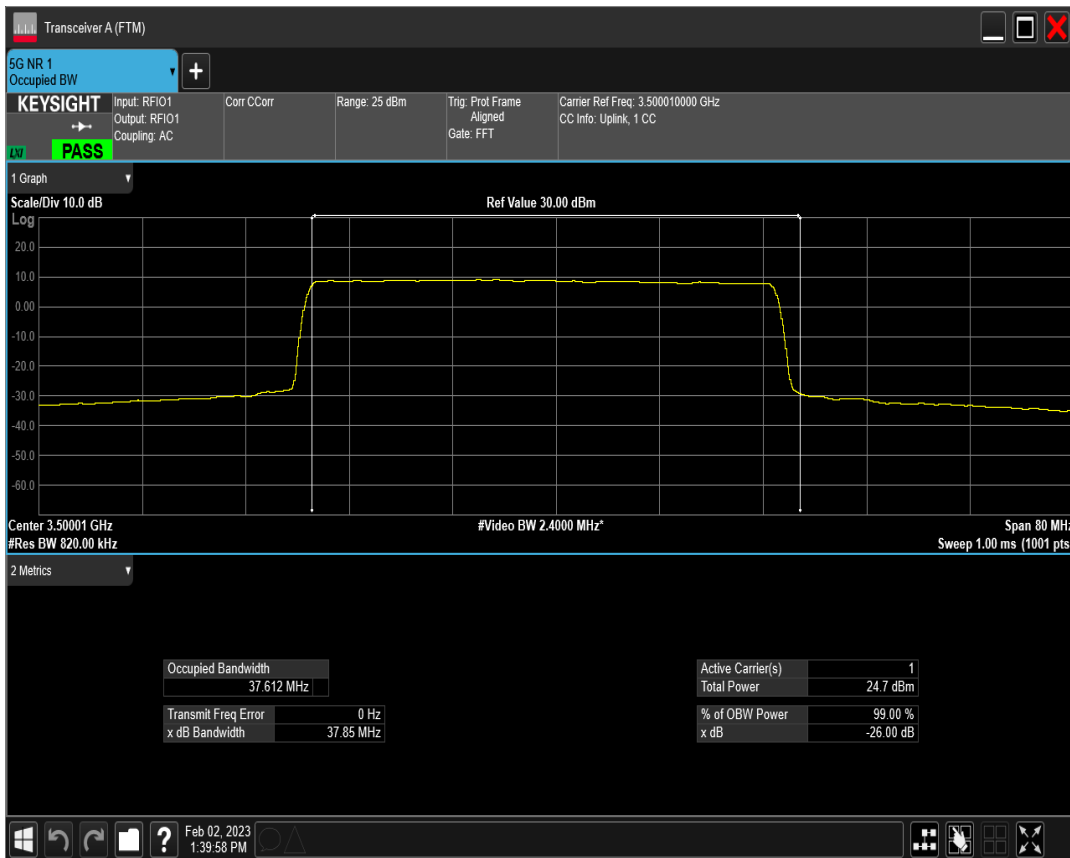
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=100@0

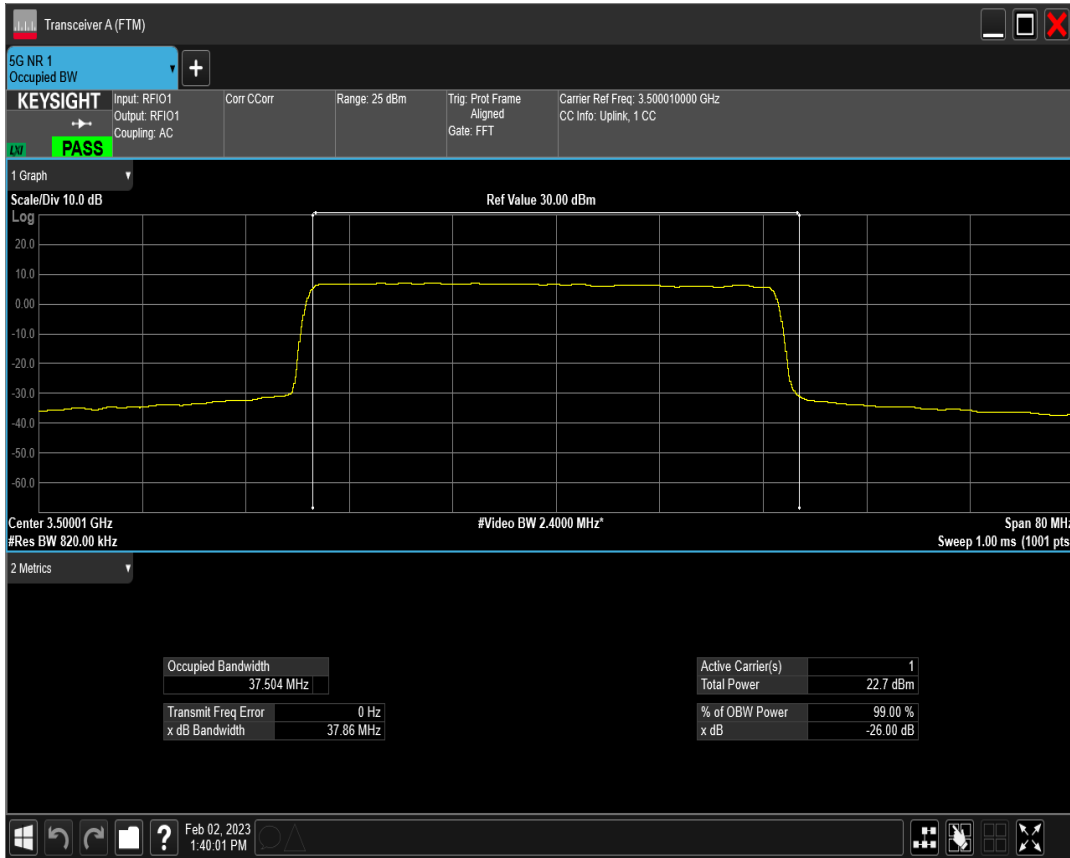


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=100@0

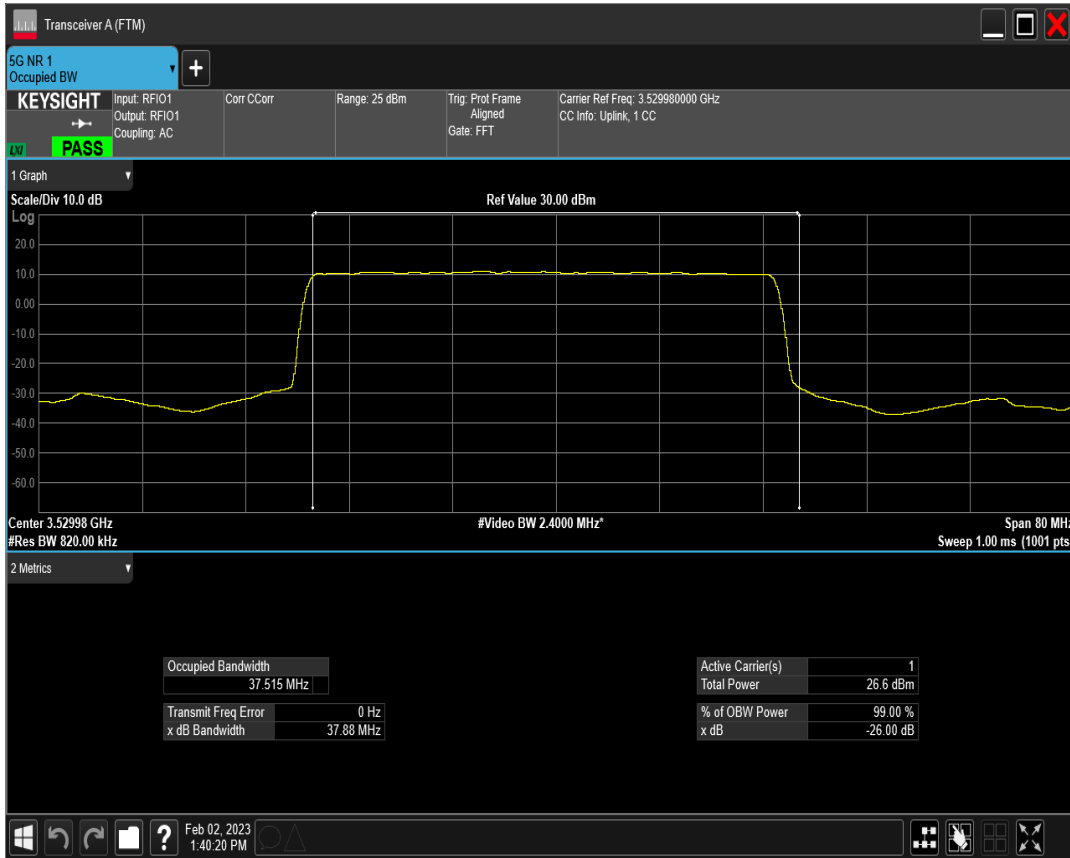




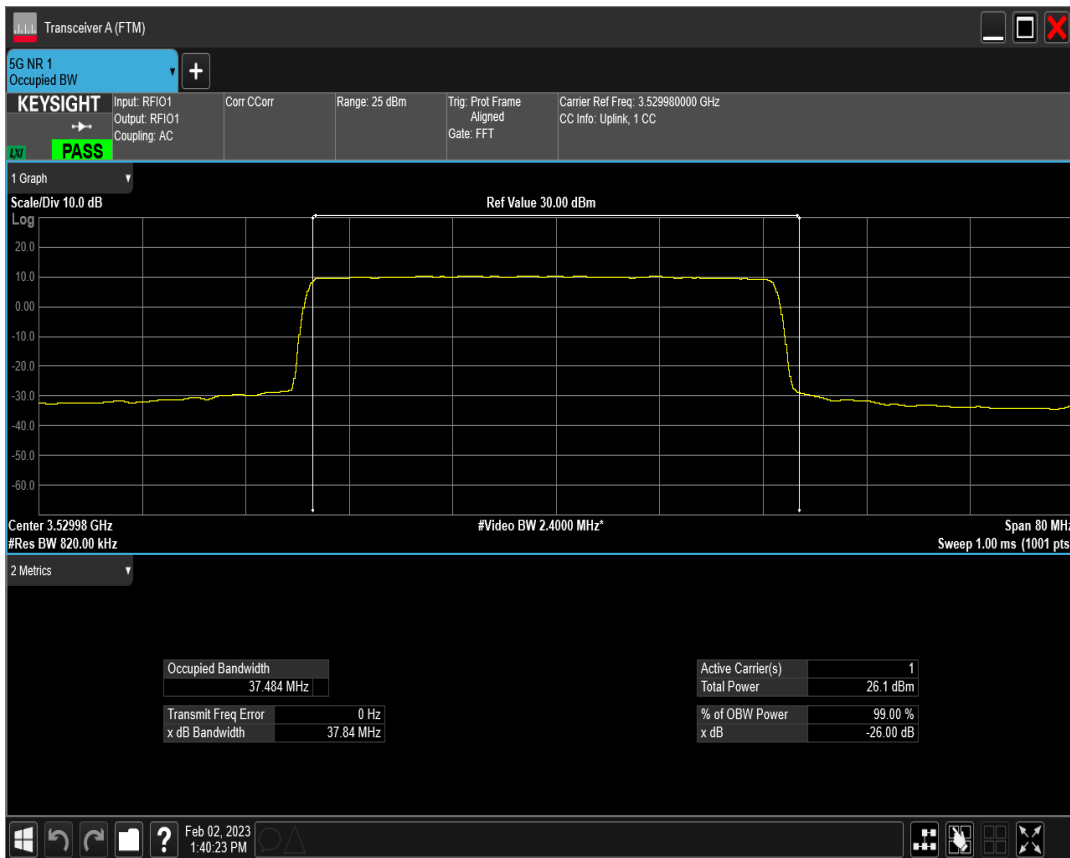
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n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=635332 RB=100@0



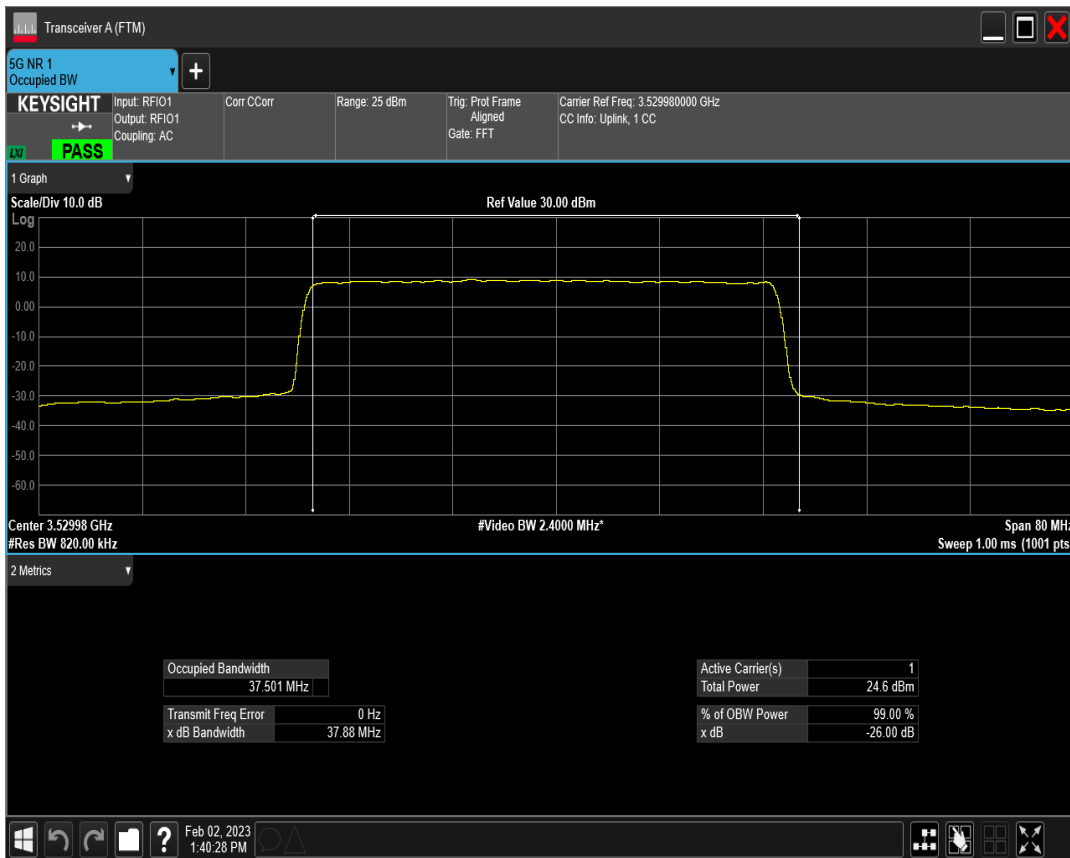
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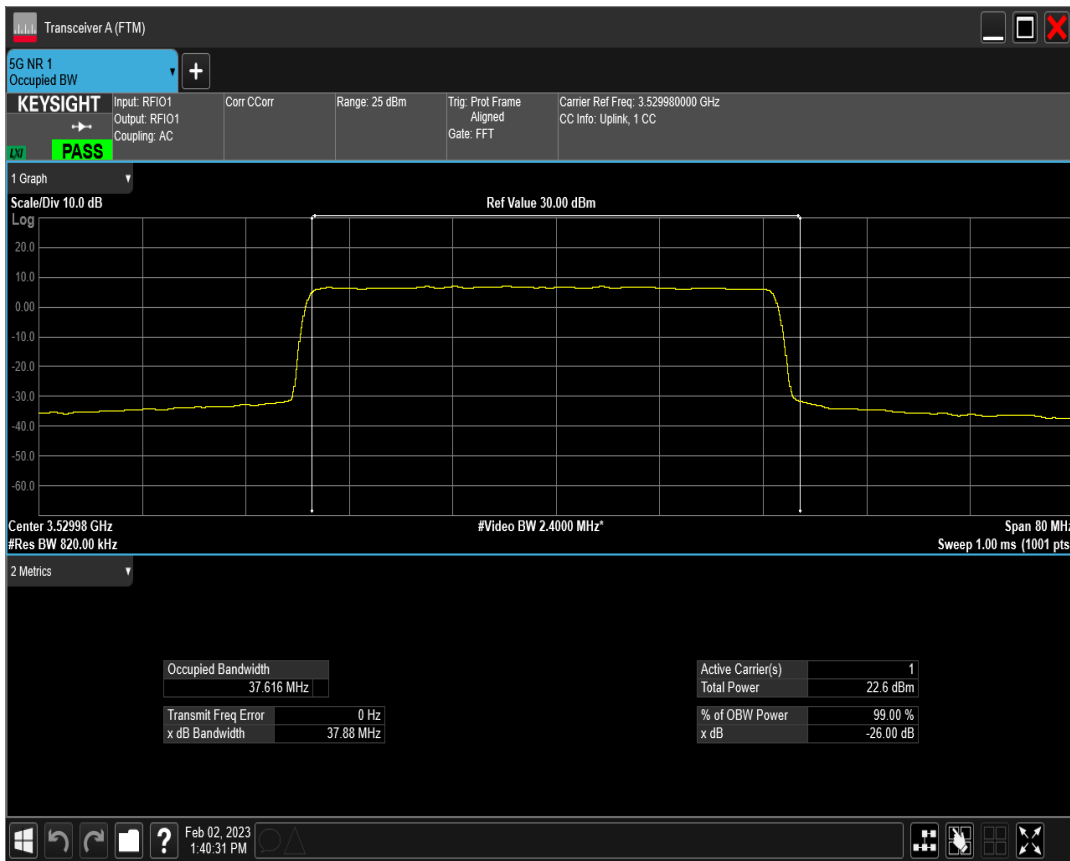
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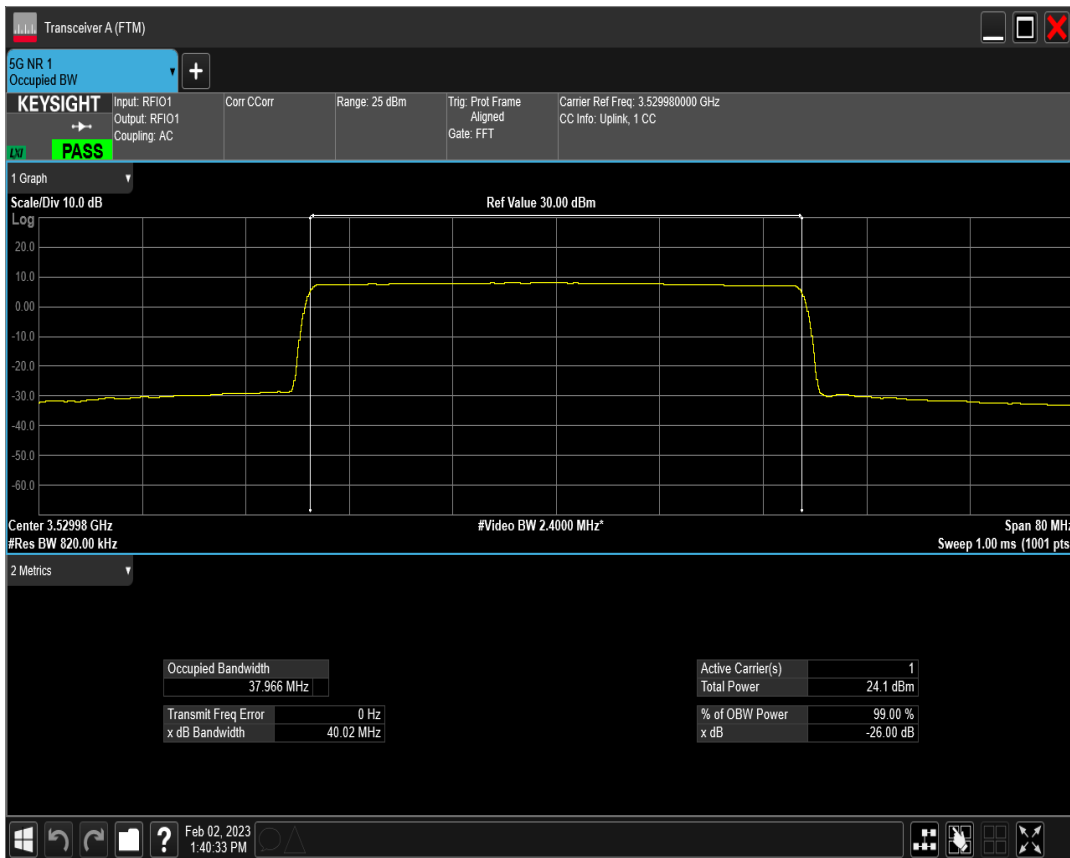
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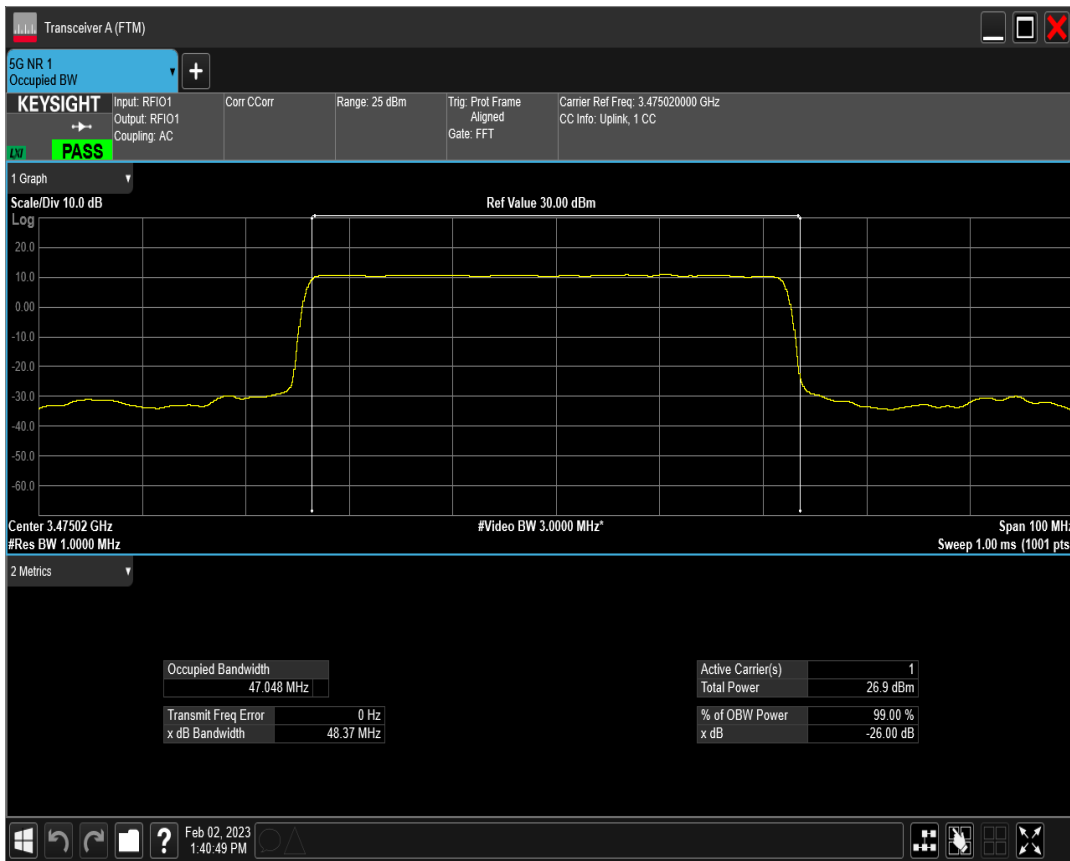
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=635332 RB=100@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=635332 RB=106@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=631668 RB=128@0



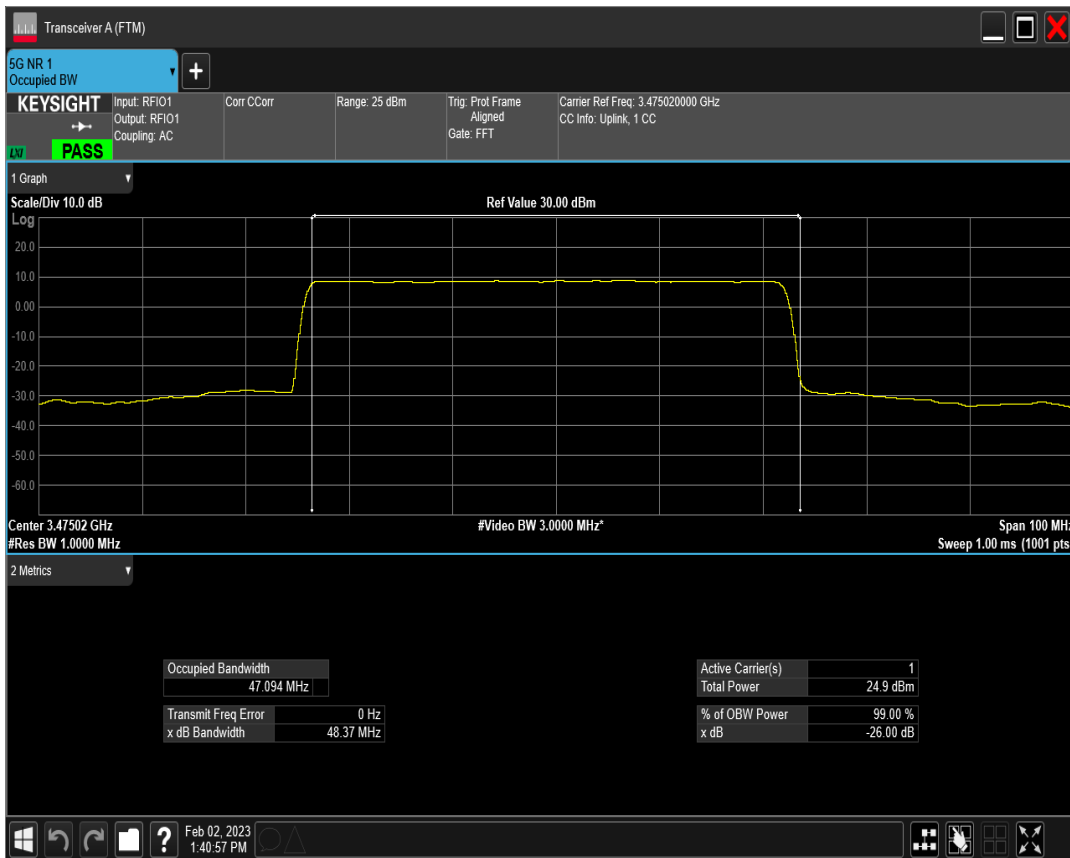
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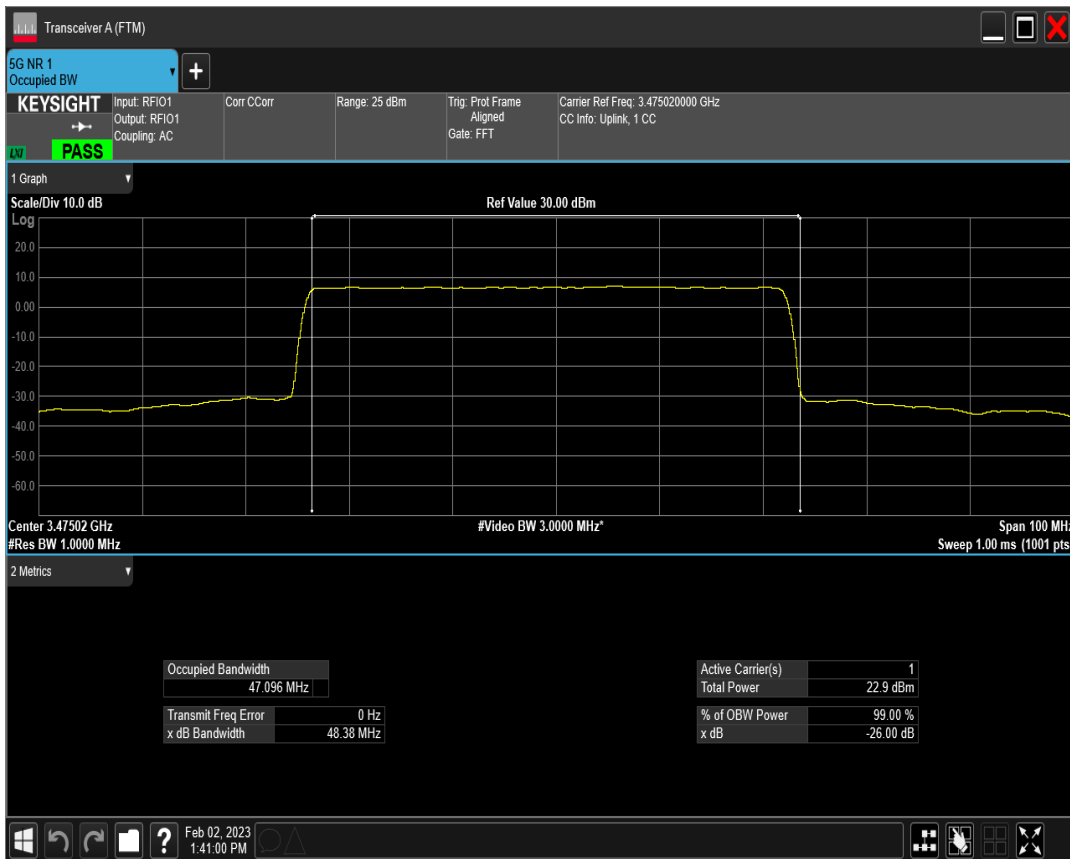
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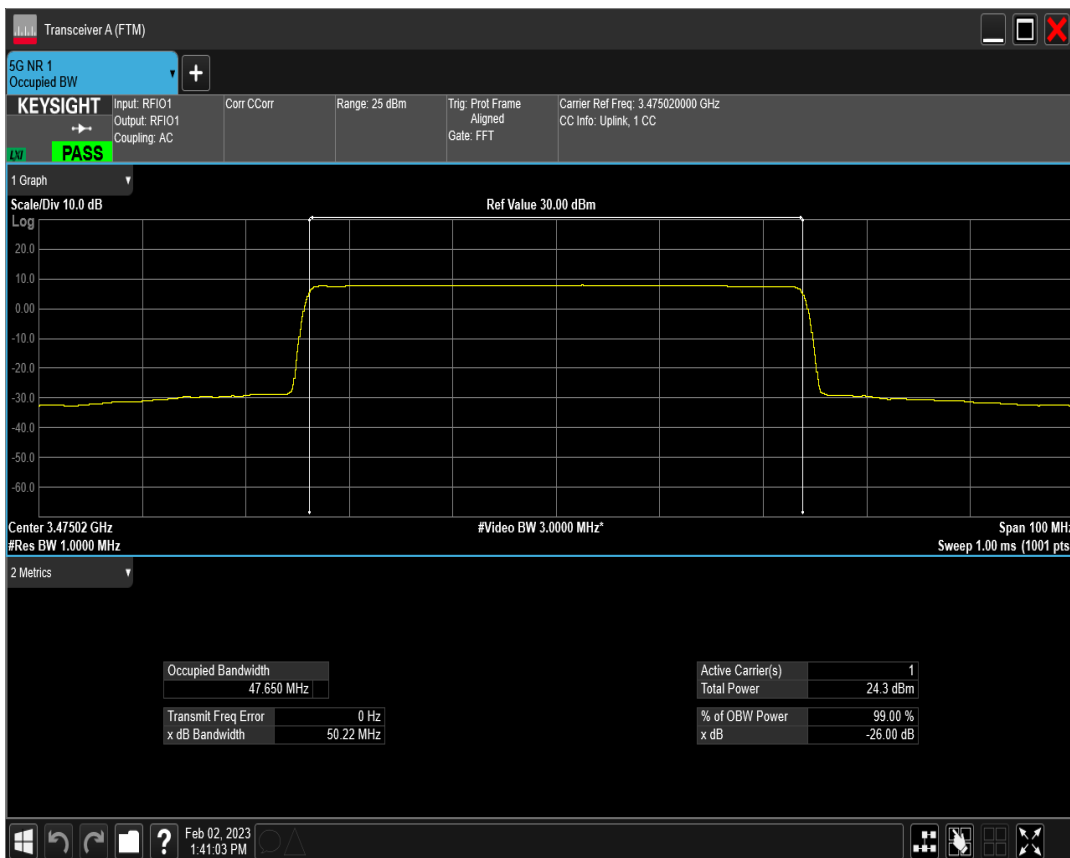
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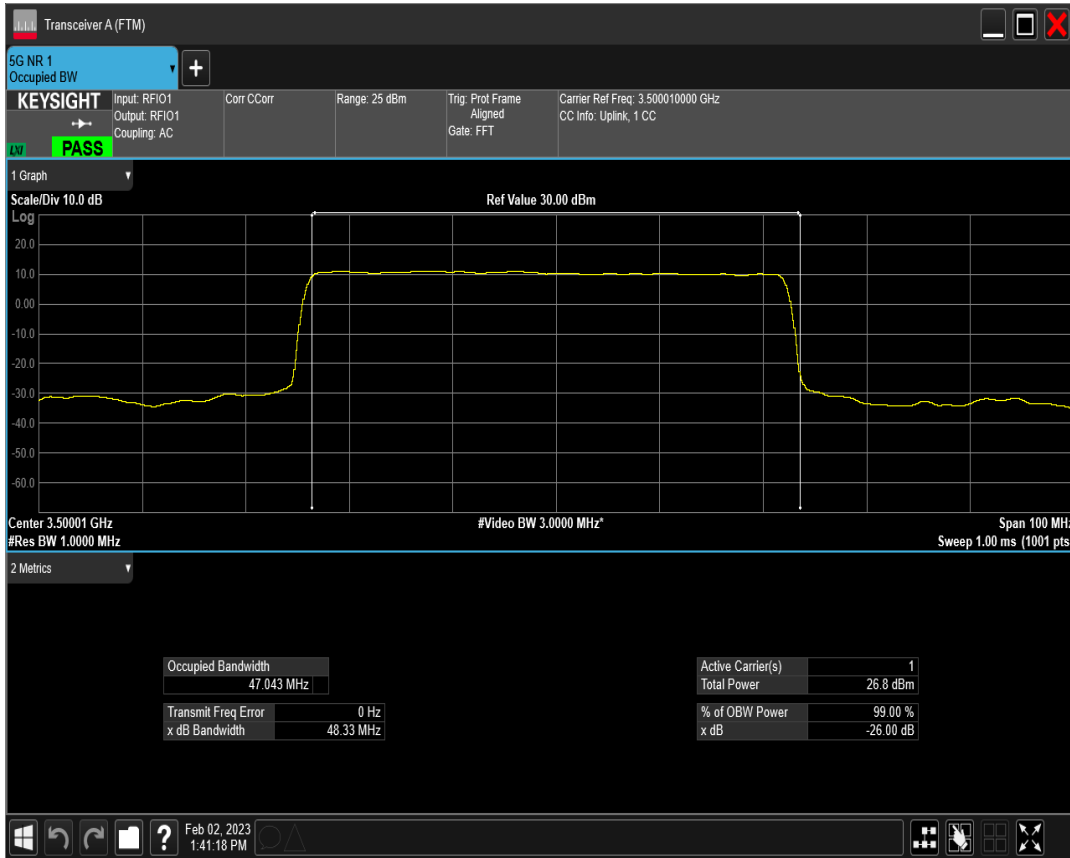
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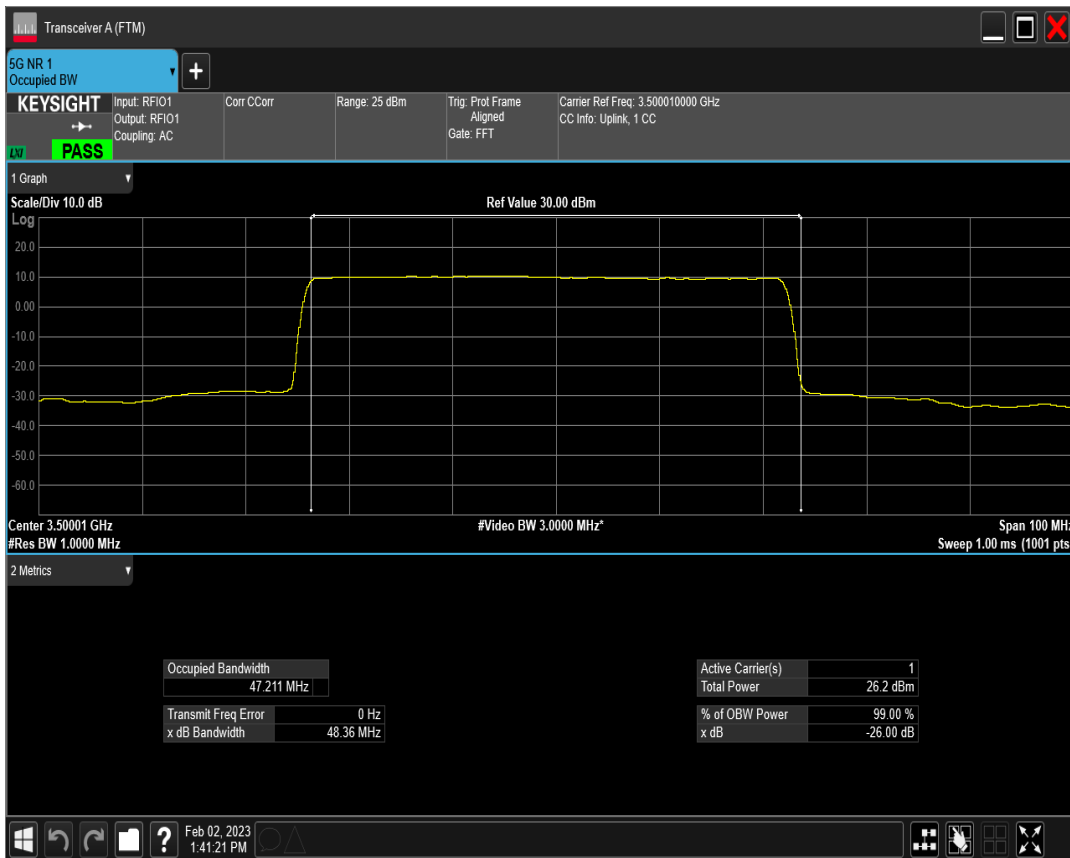
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n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=633334 RB=128@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0

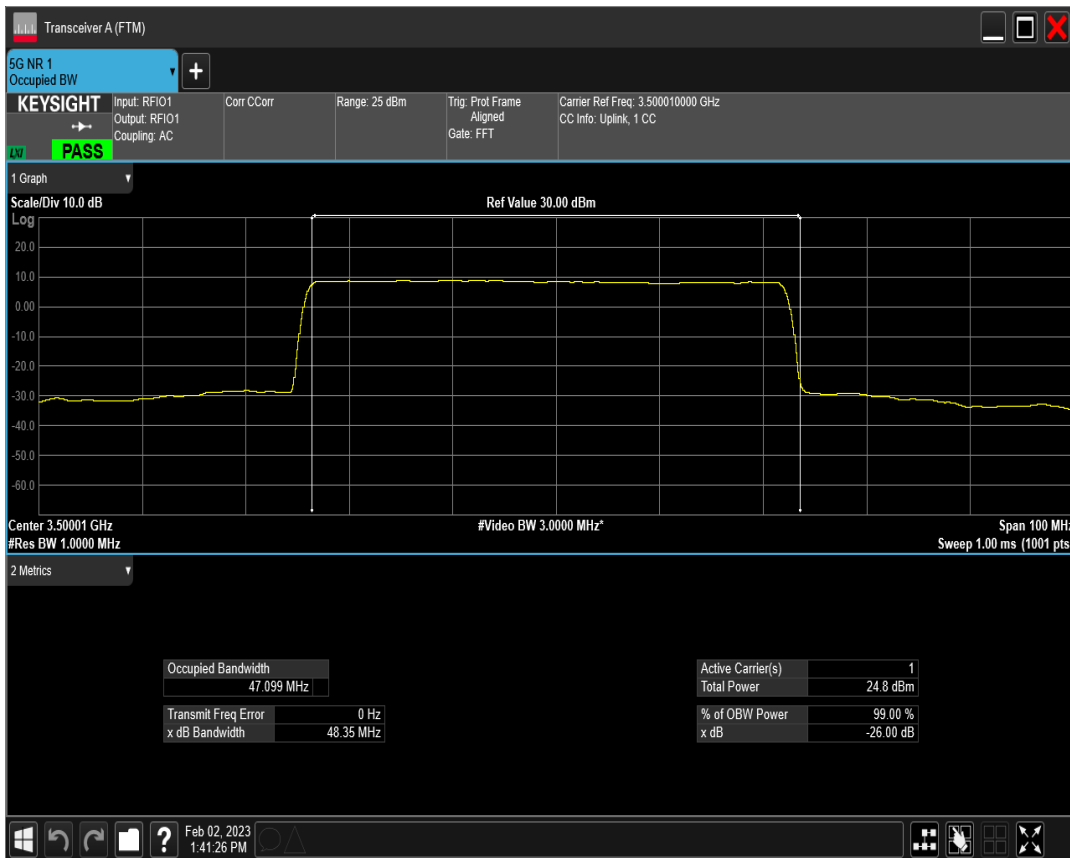


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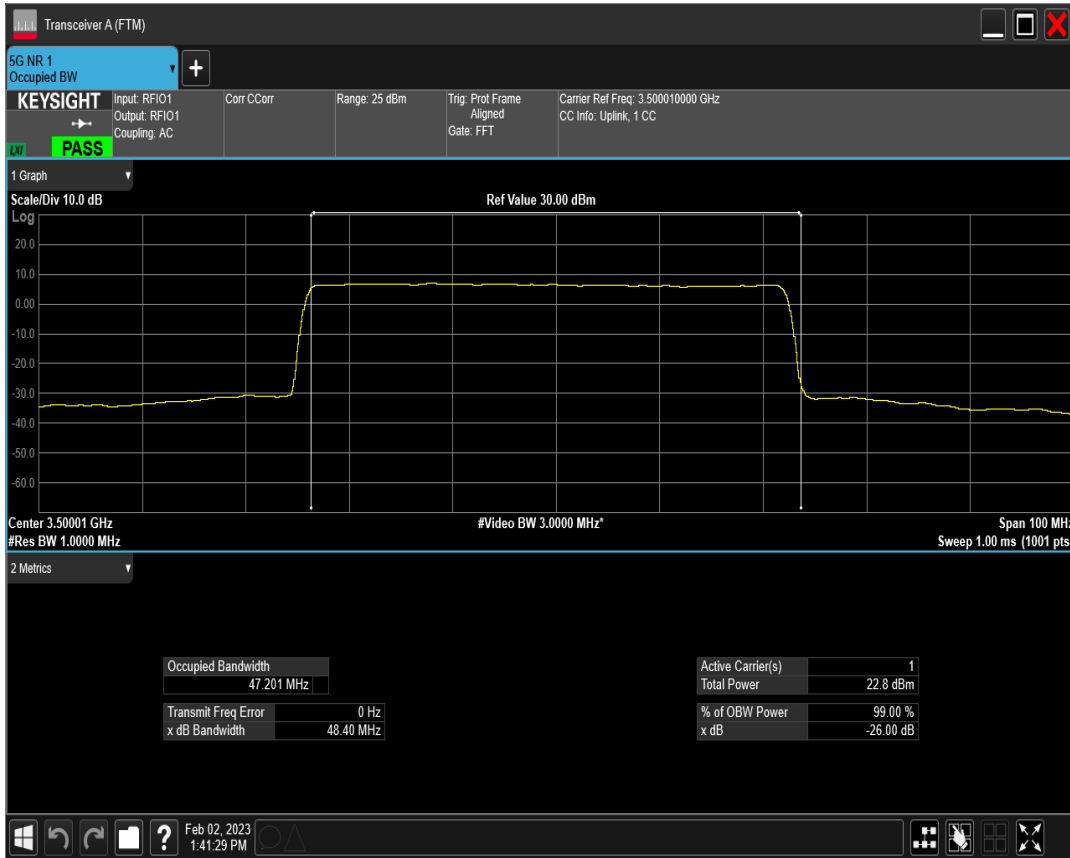




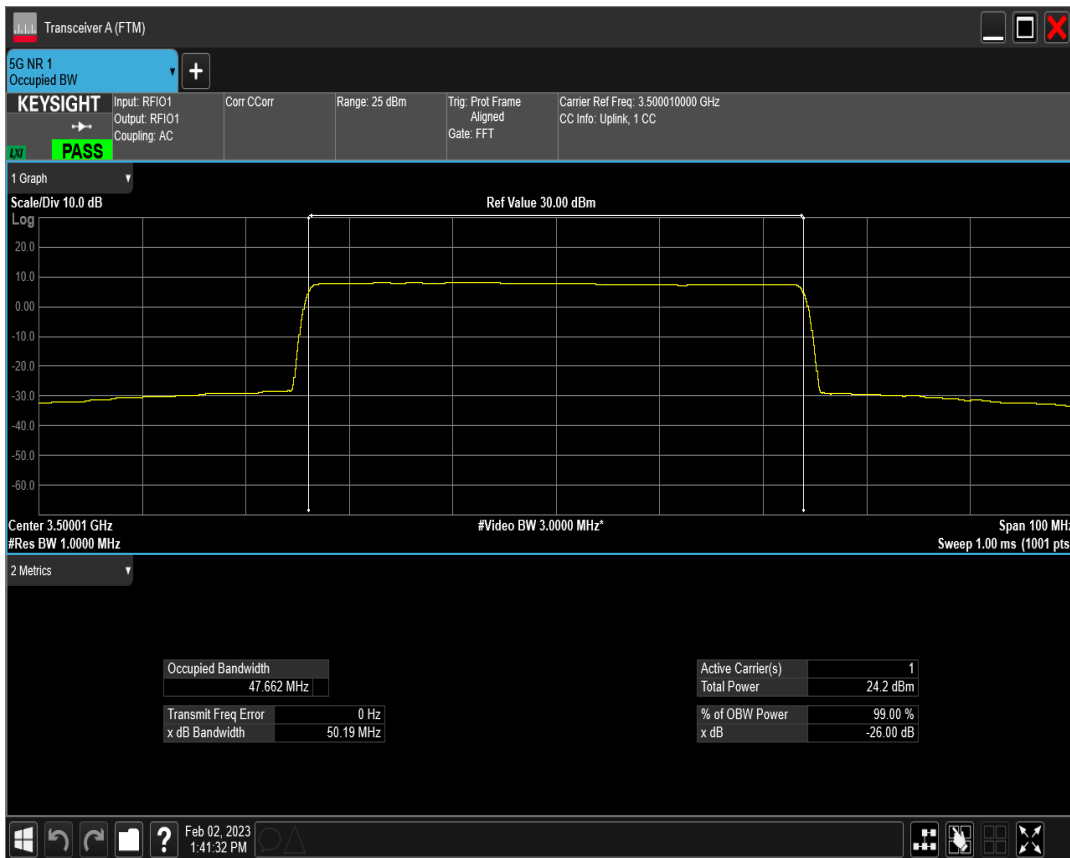
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0



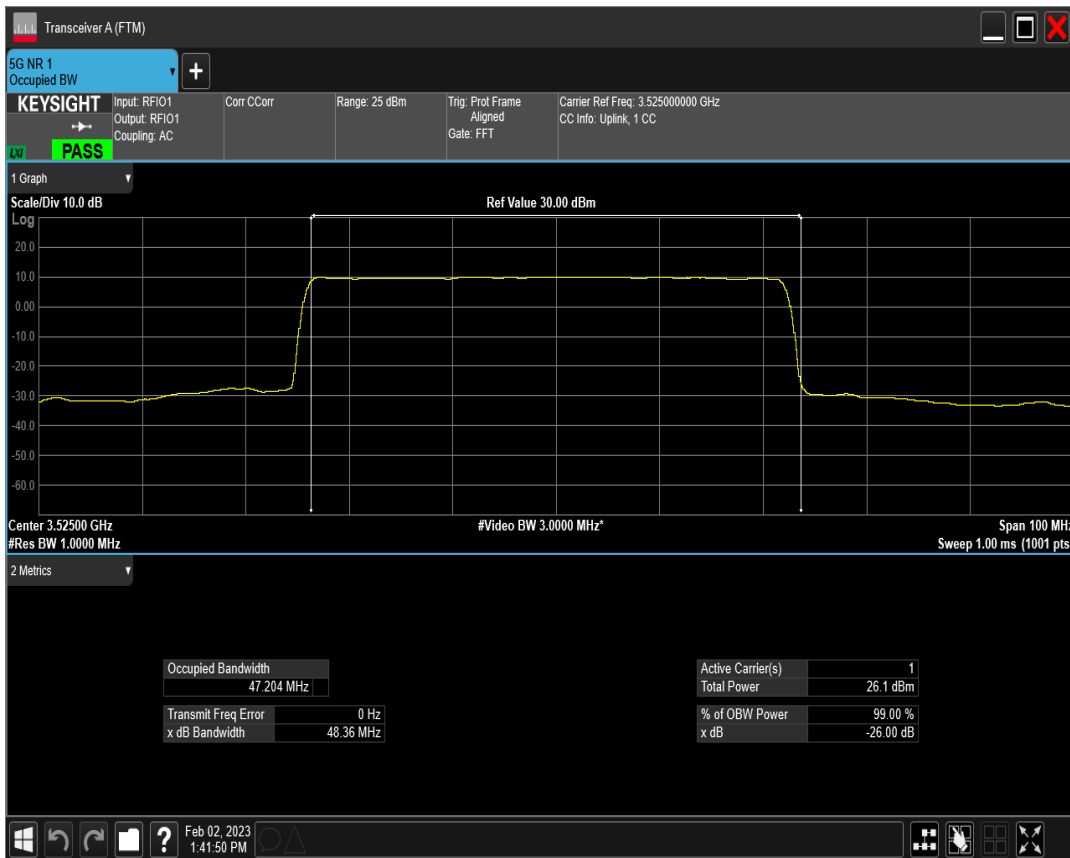
n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=633334 RB=133@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=635000 RB=128@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=635000 RB=128@0



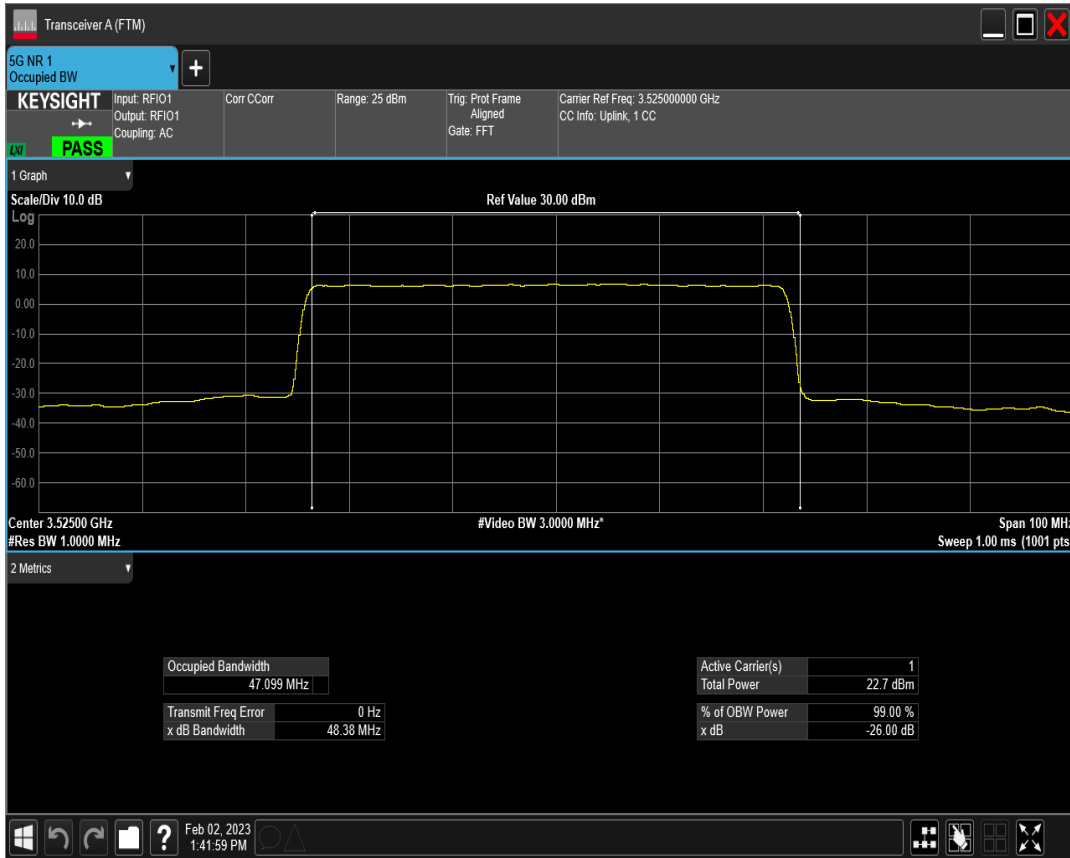
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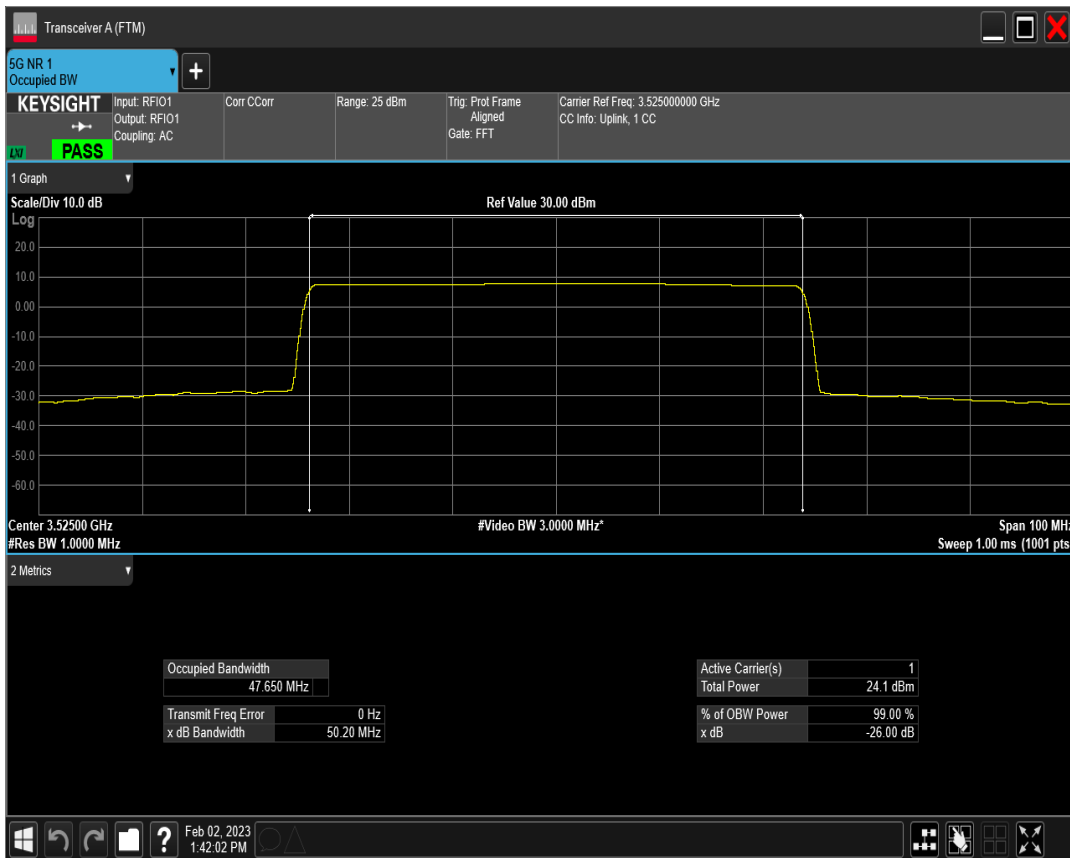
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=128@0



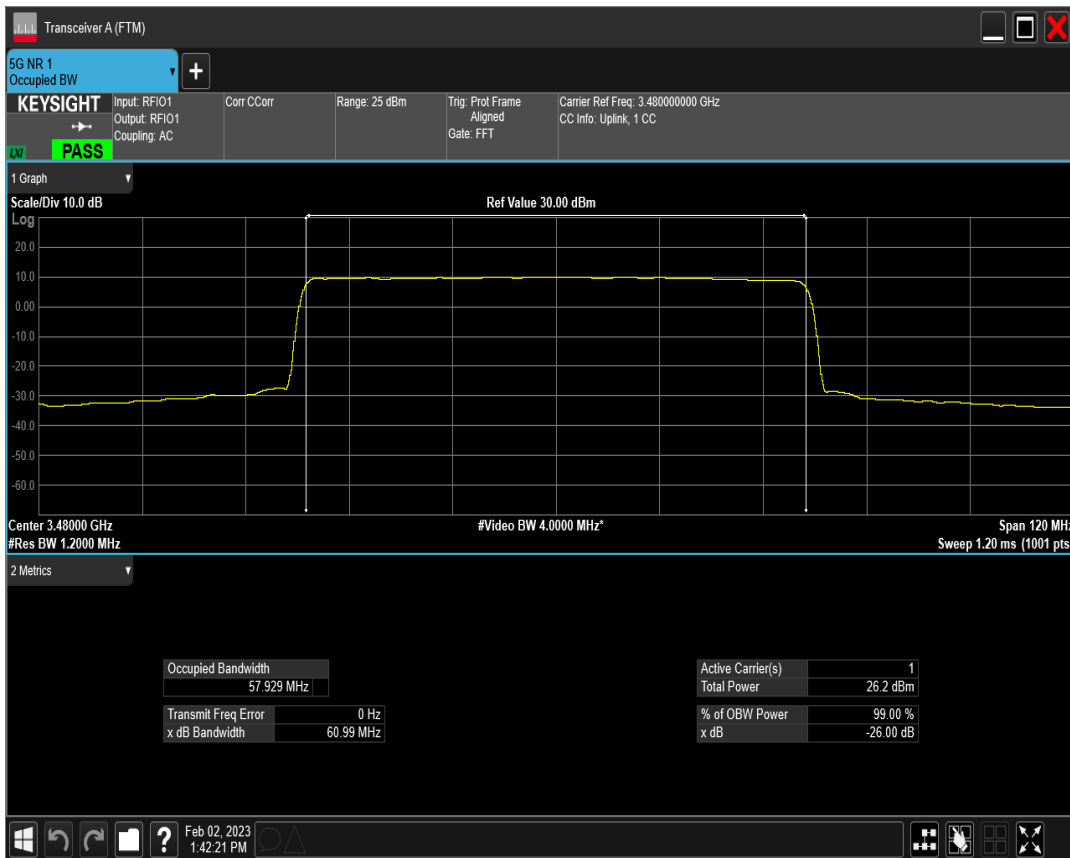
n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=632000 RB=162@0



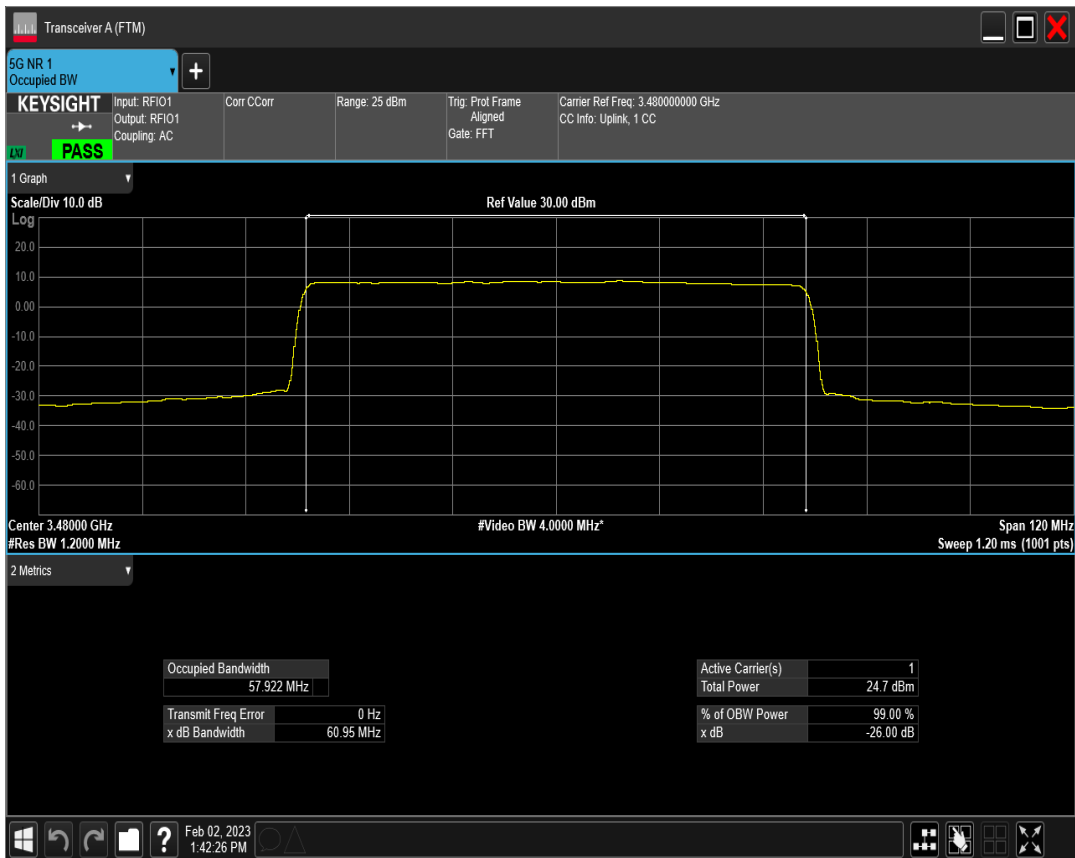
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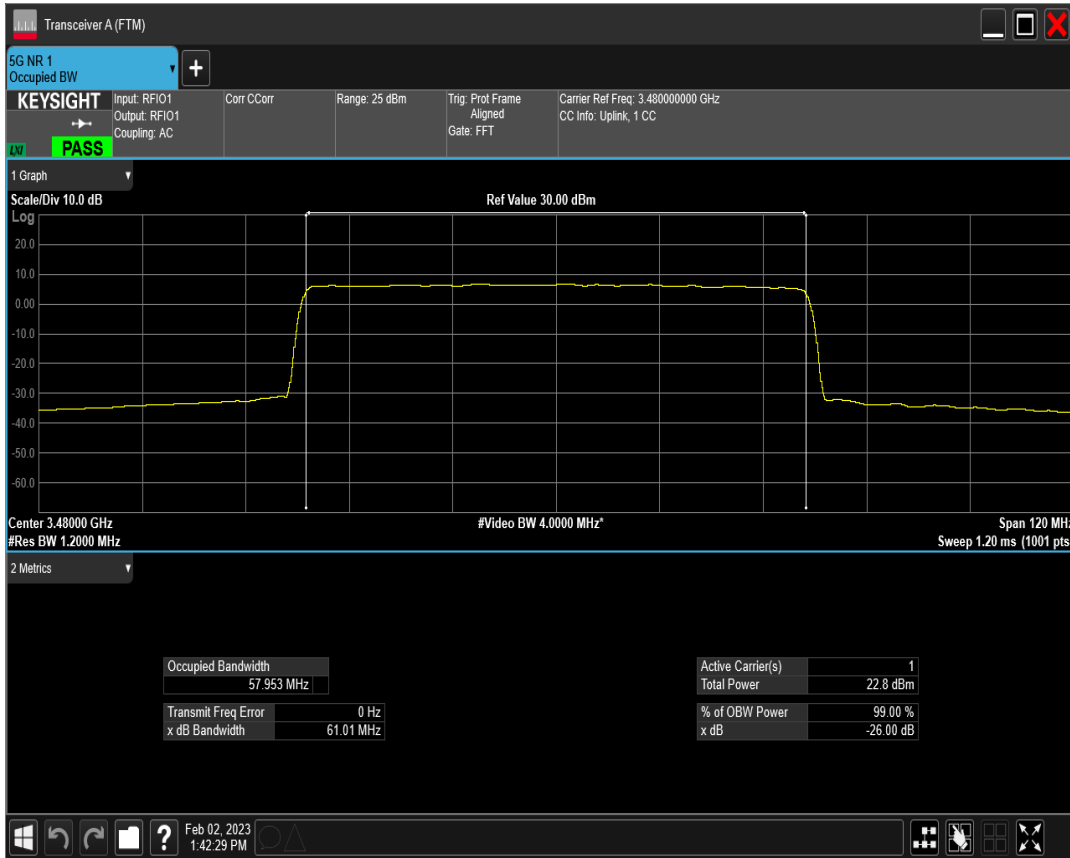
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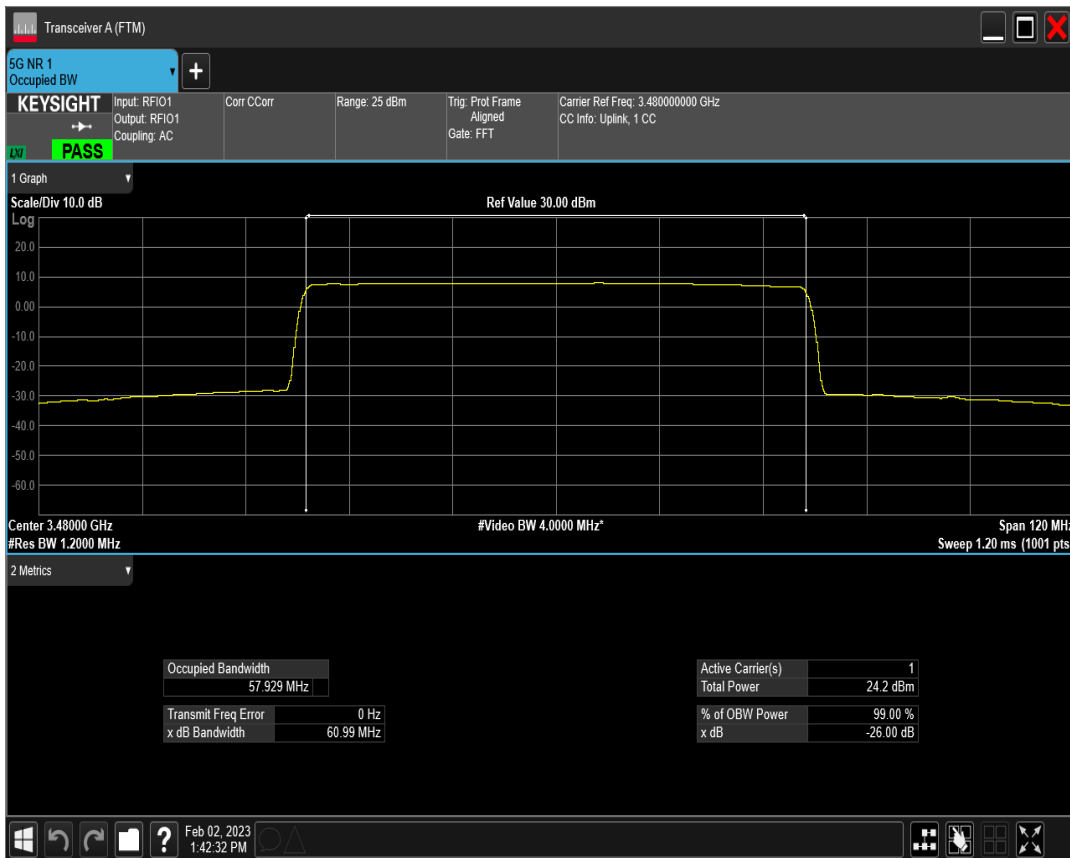
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162@0



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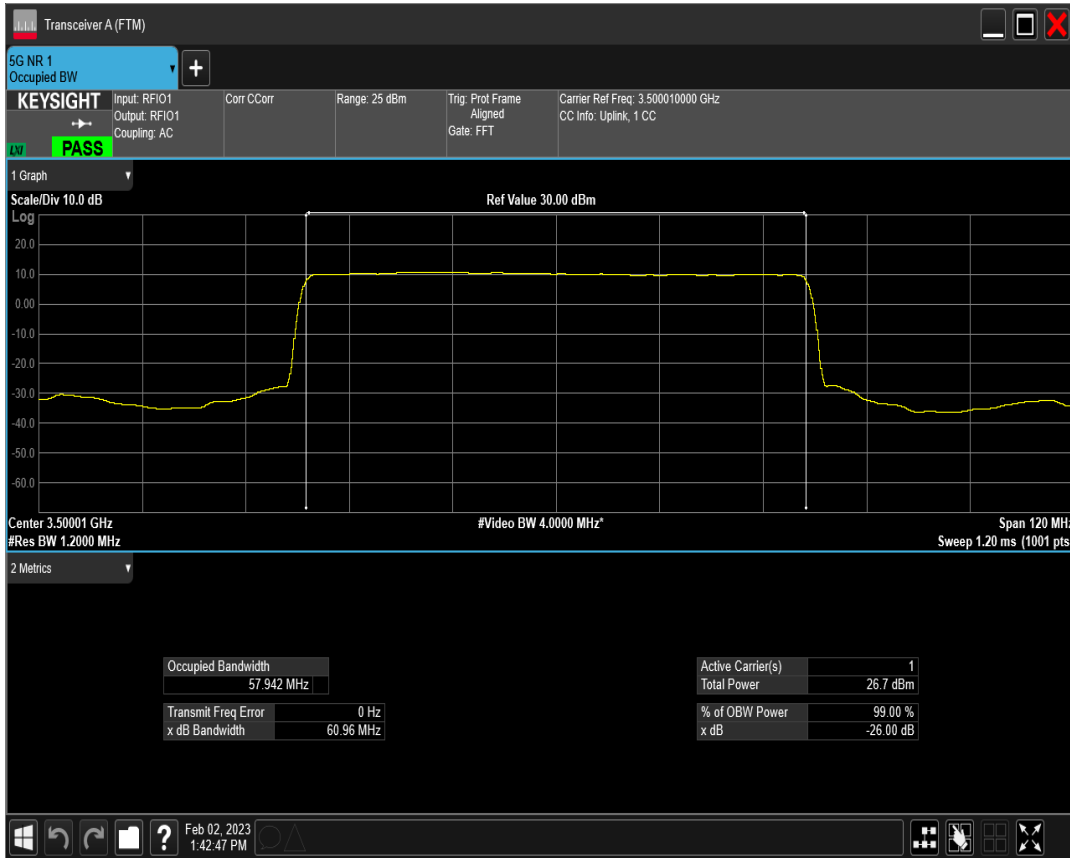


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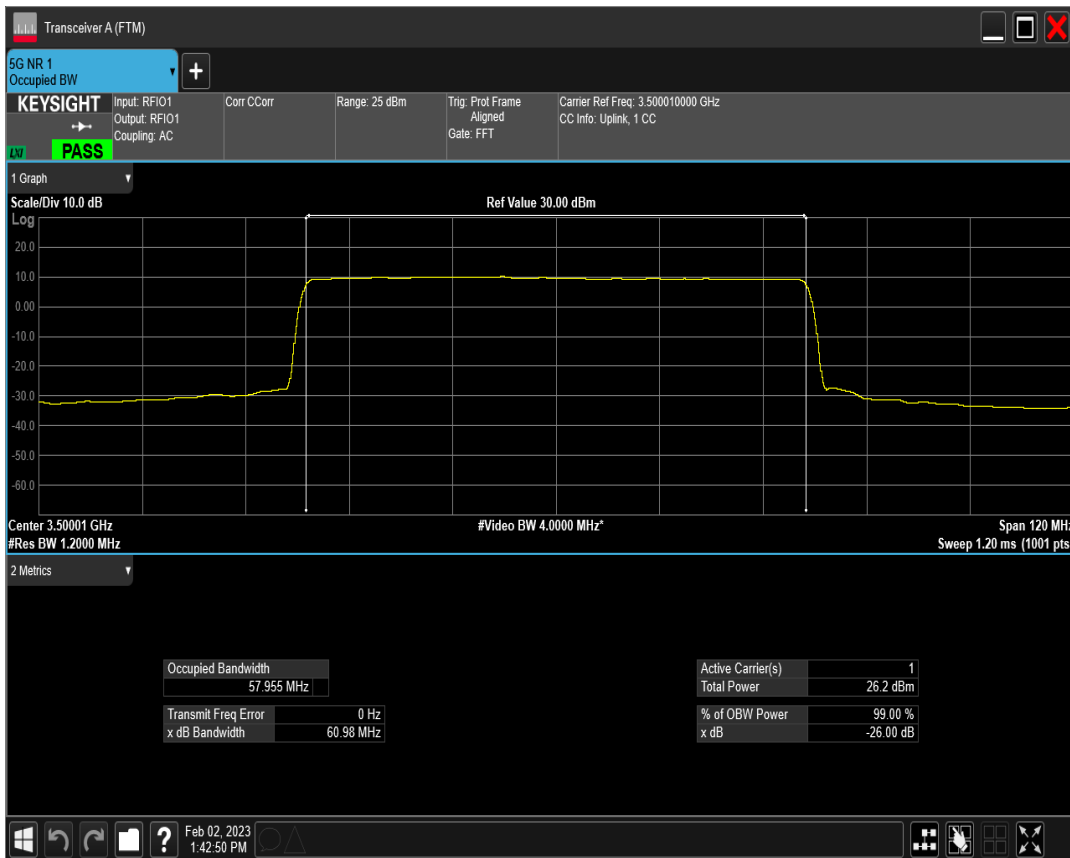


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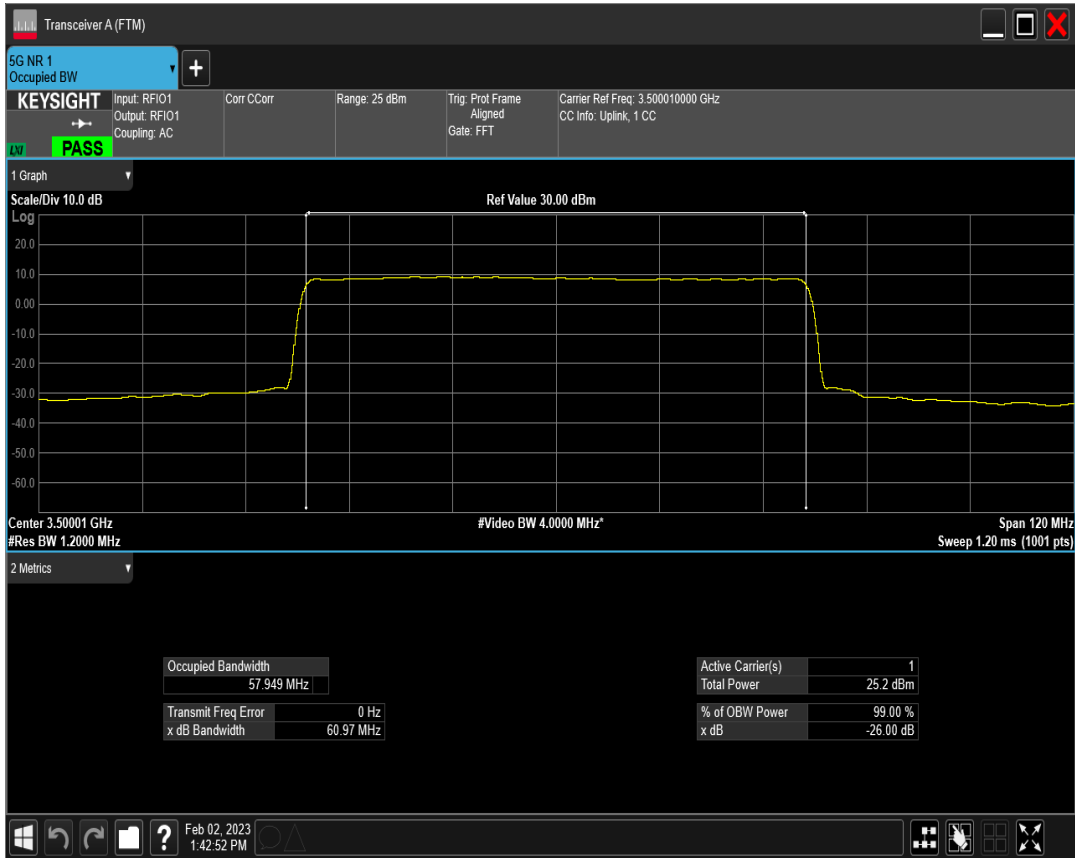




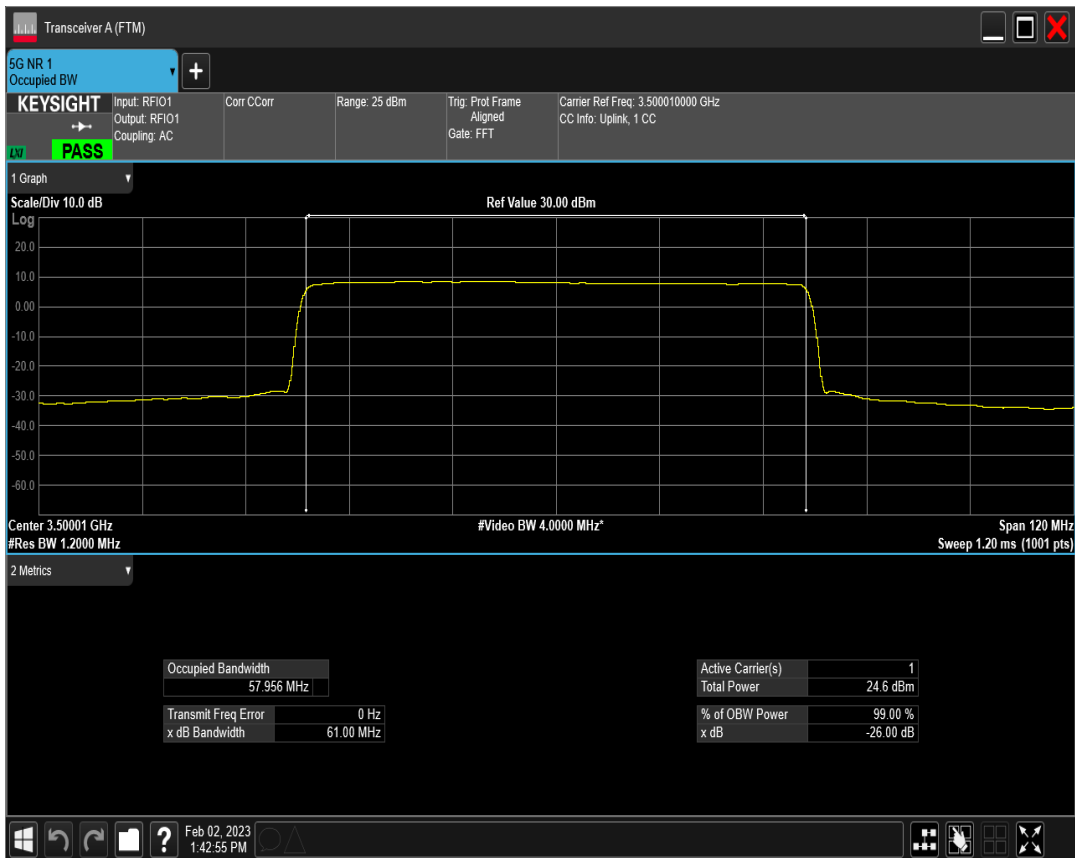
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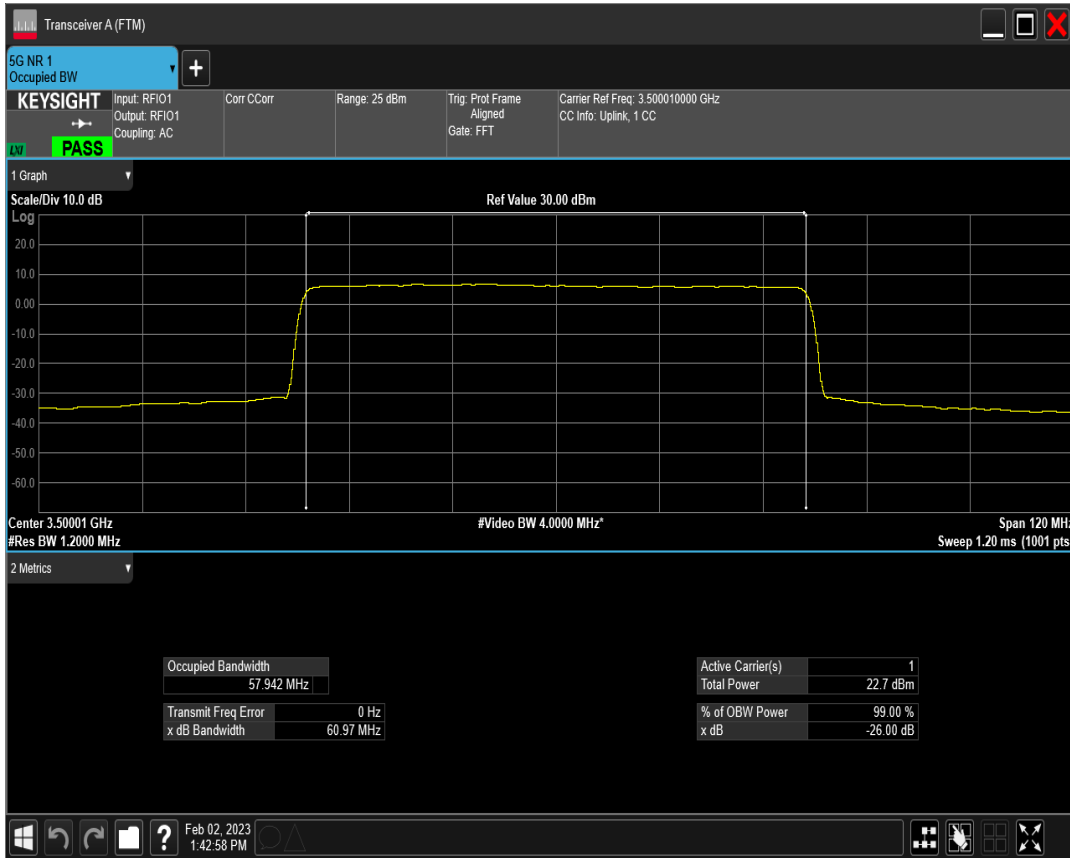
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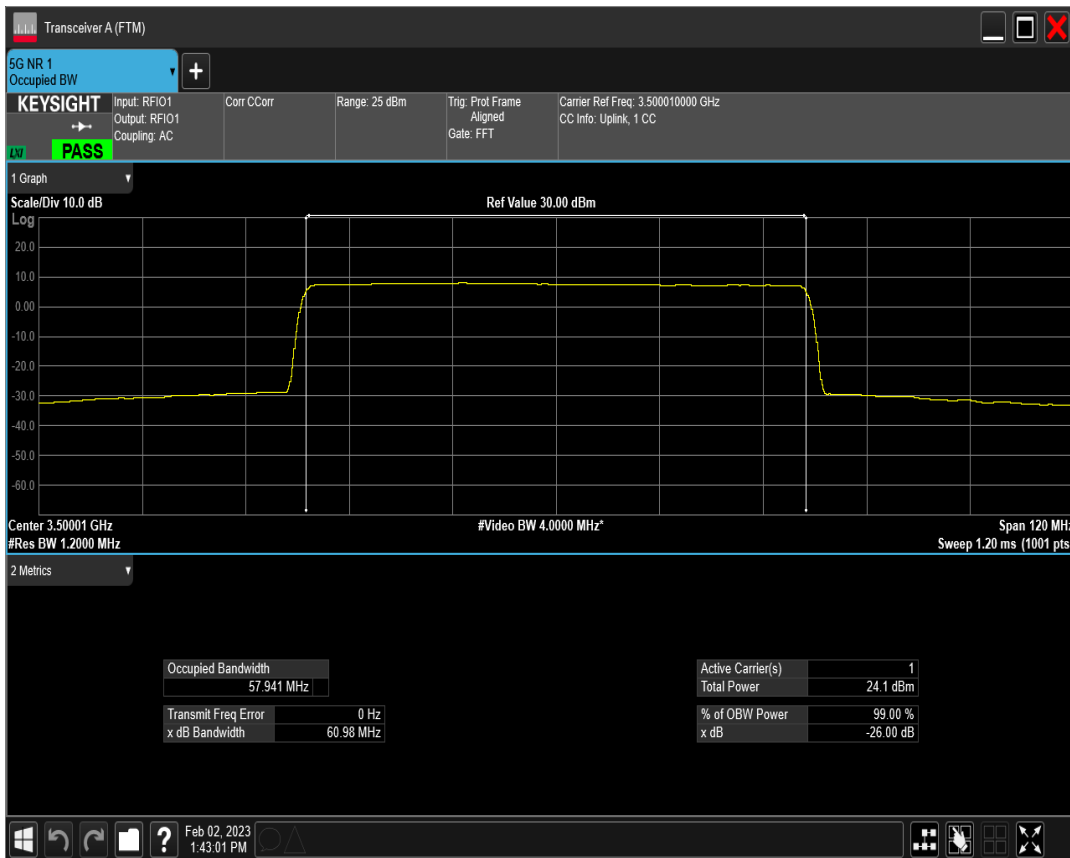
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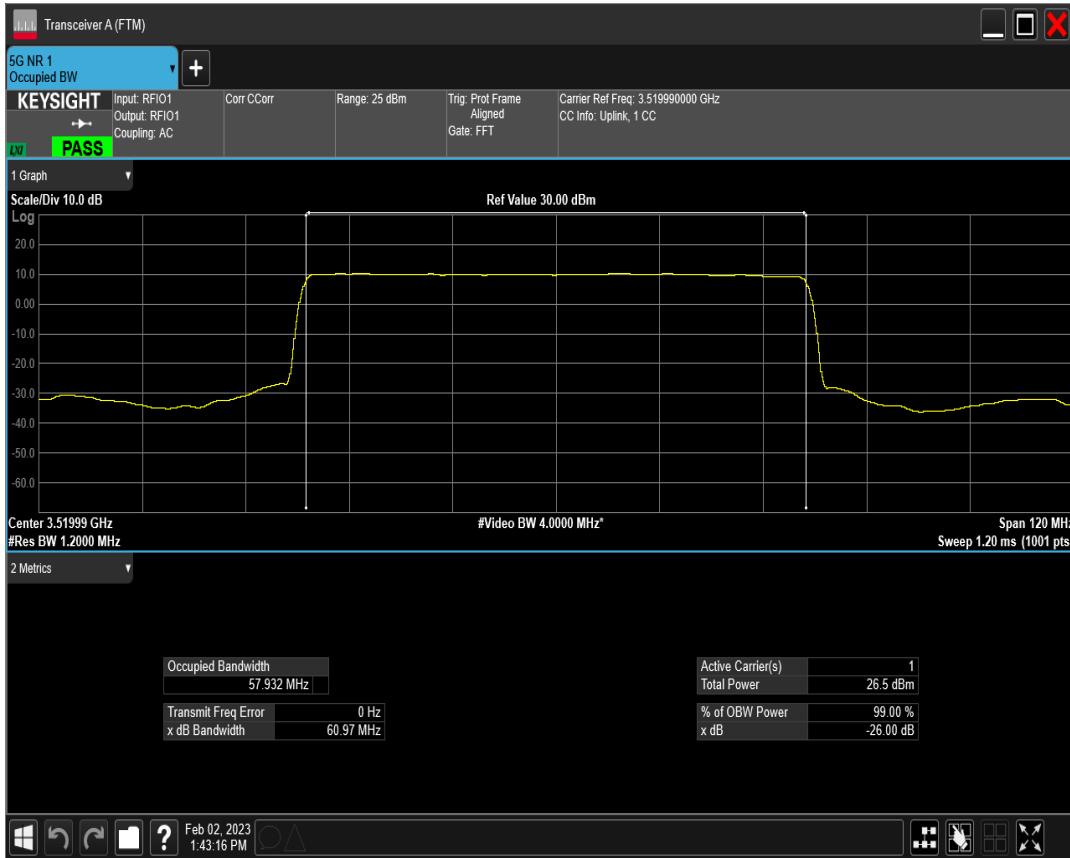
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=634666 RB=162@0



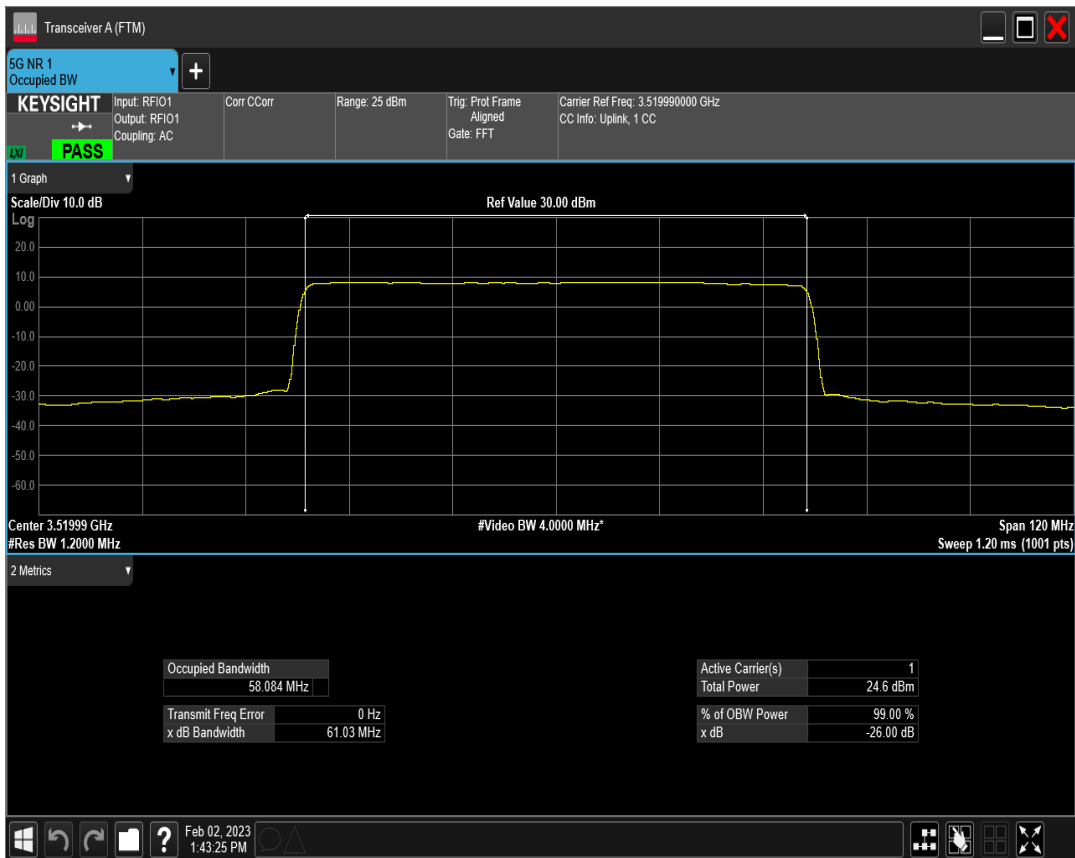
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=634666 RB=162@0



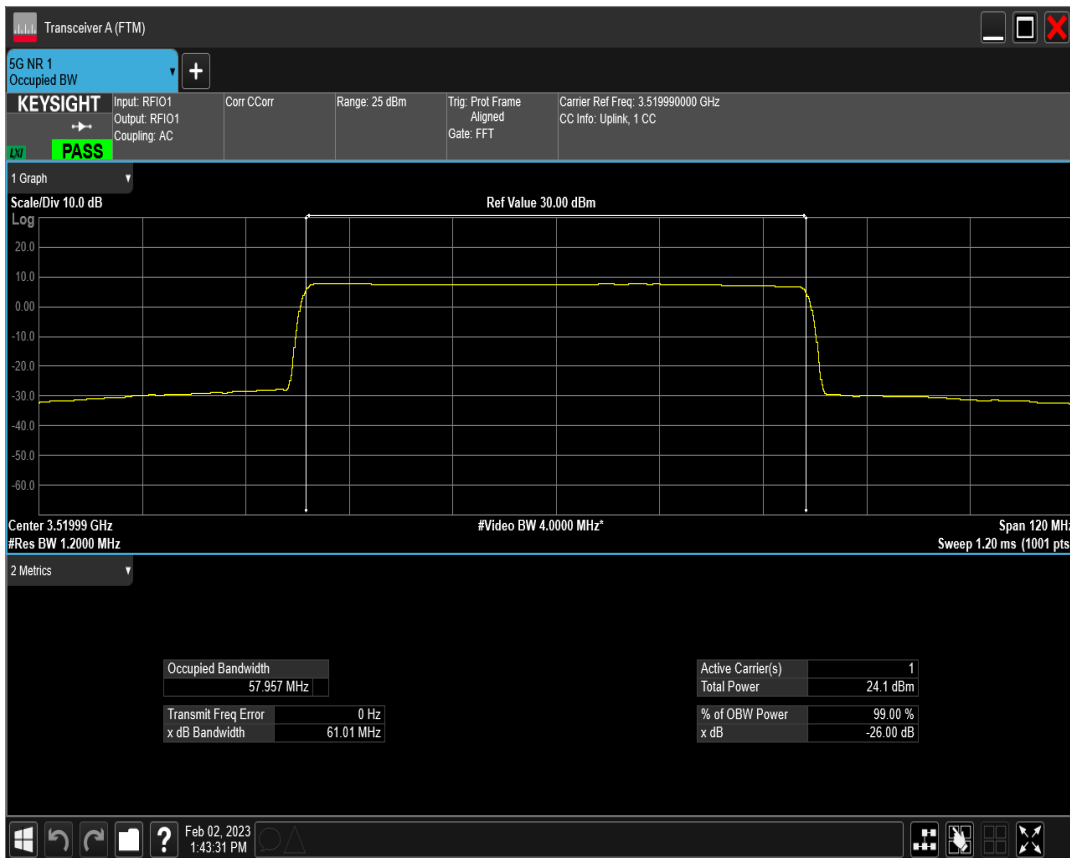
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=634666 RB=162@0



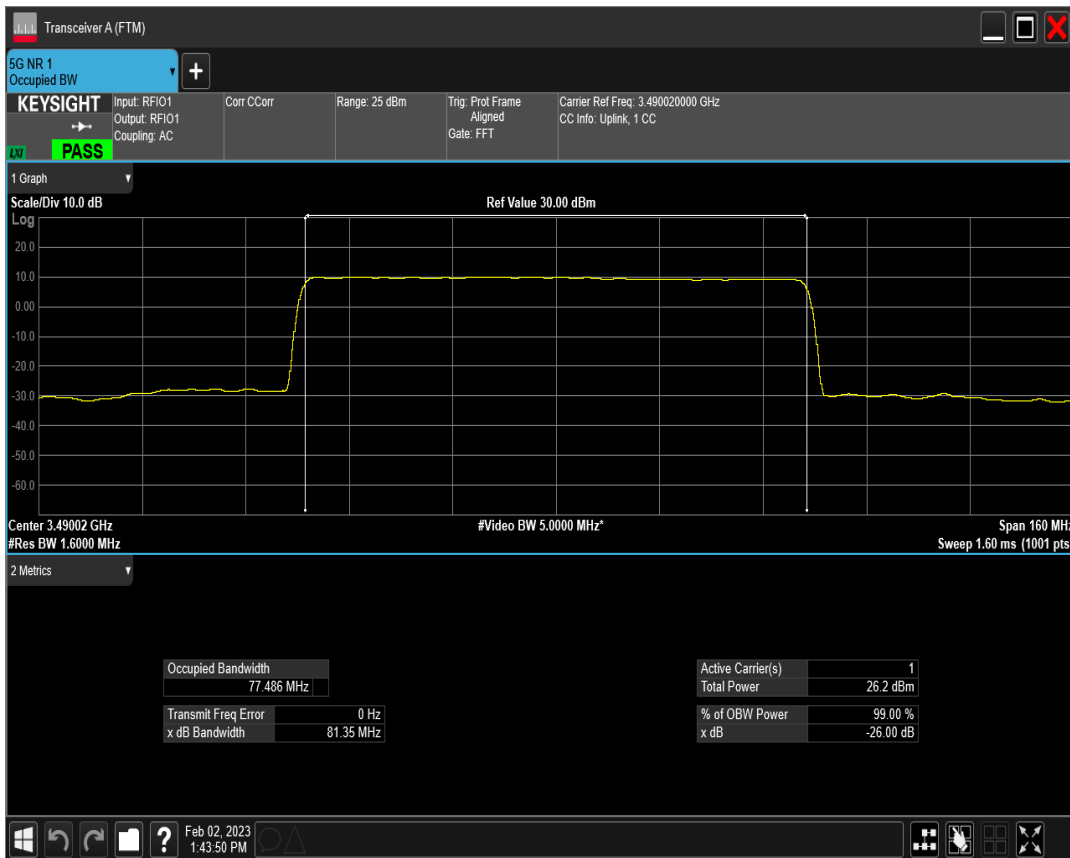
n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=634666 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=632668 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=632668 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=632668 RB=216@0

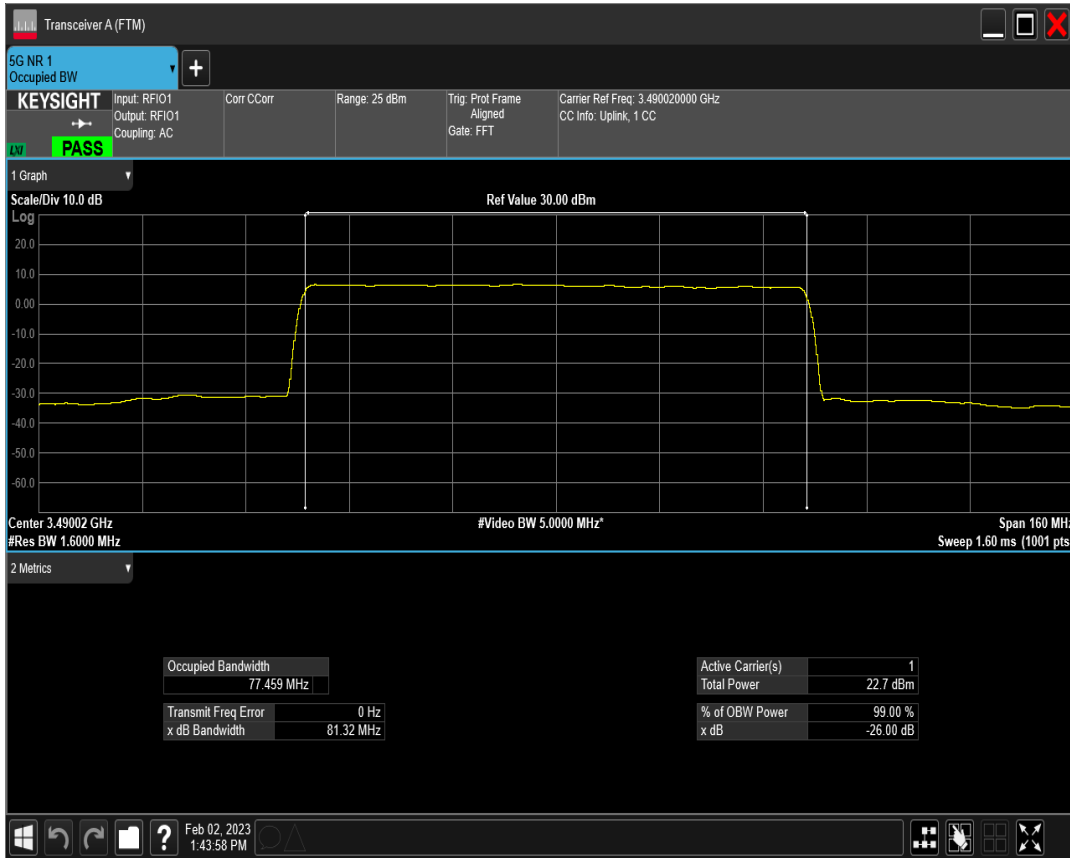


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216@0

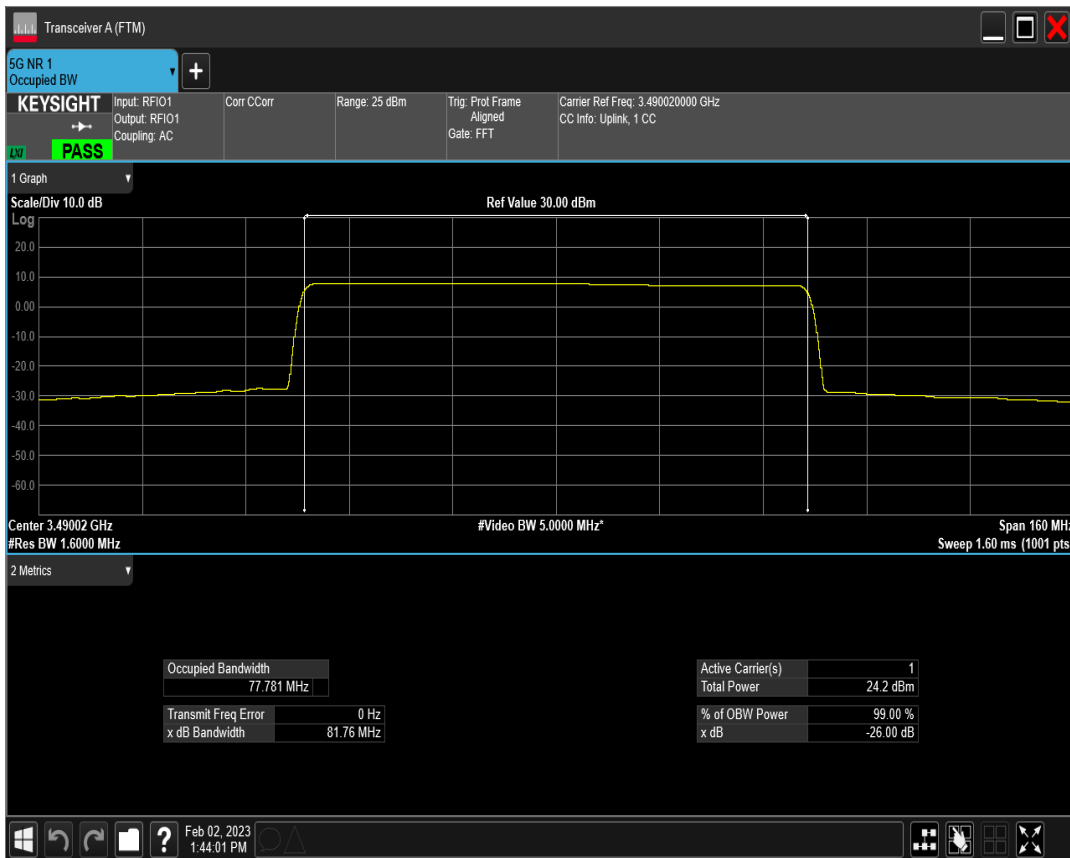


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=632668 RB=216@0





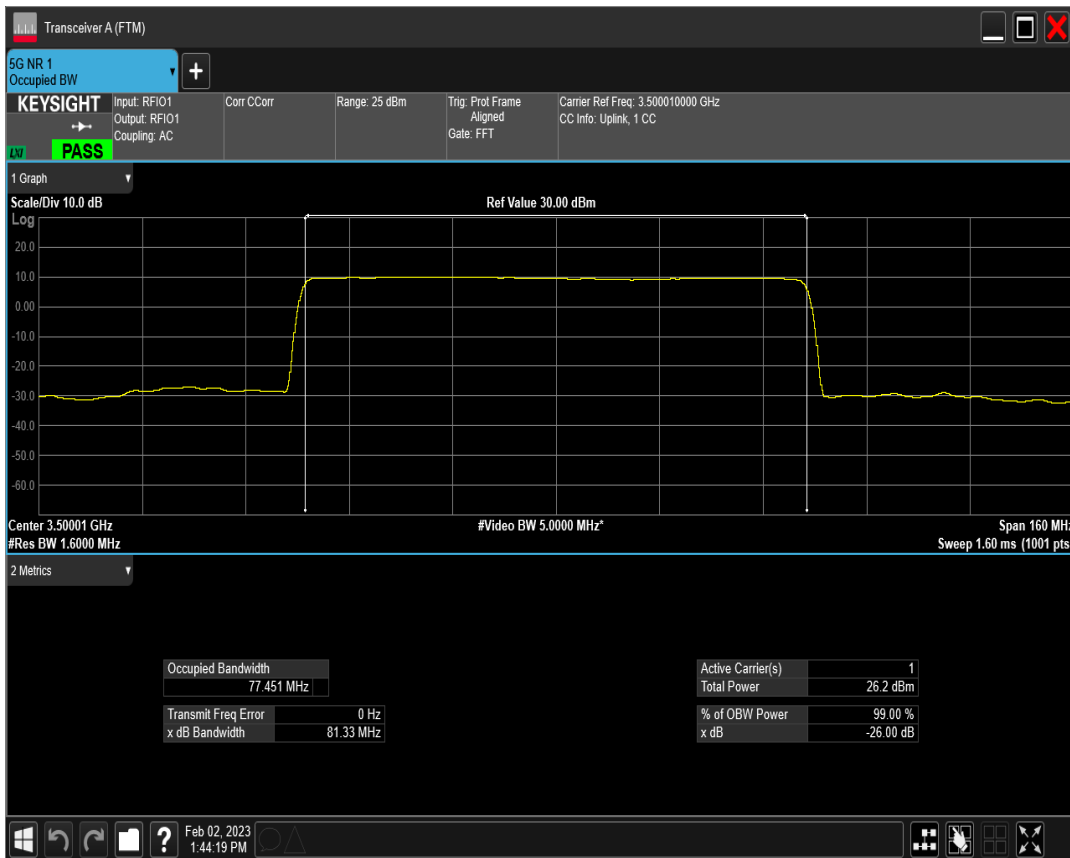
n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=632668 RB=217@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=633334 RB=216@0



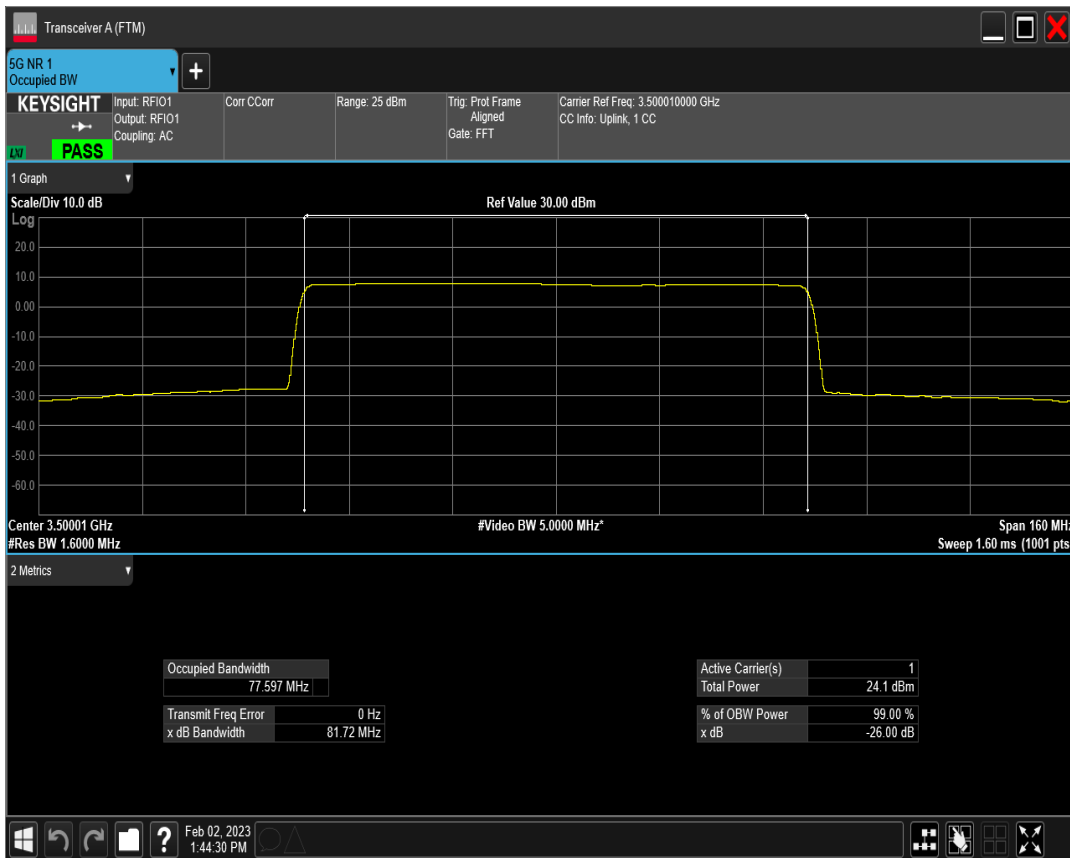
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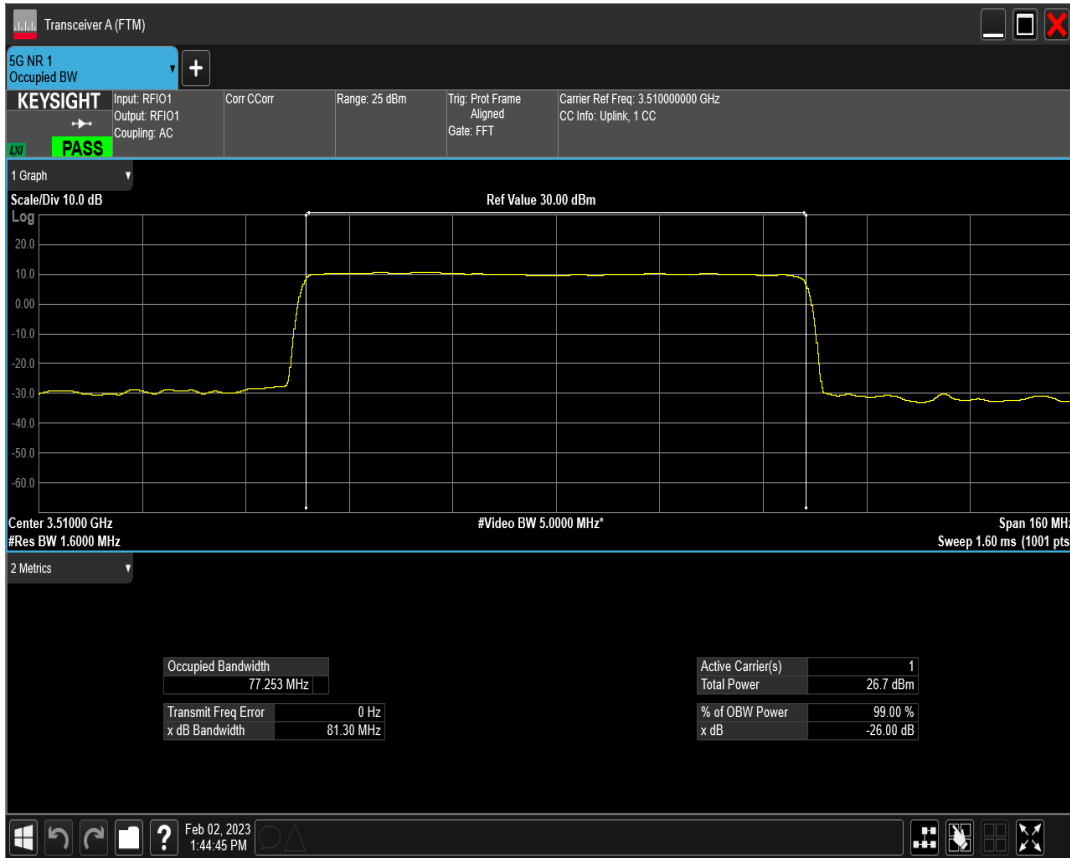
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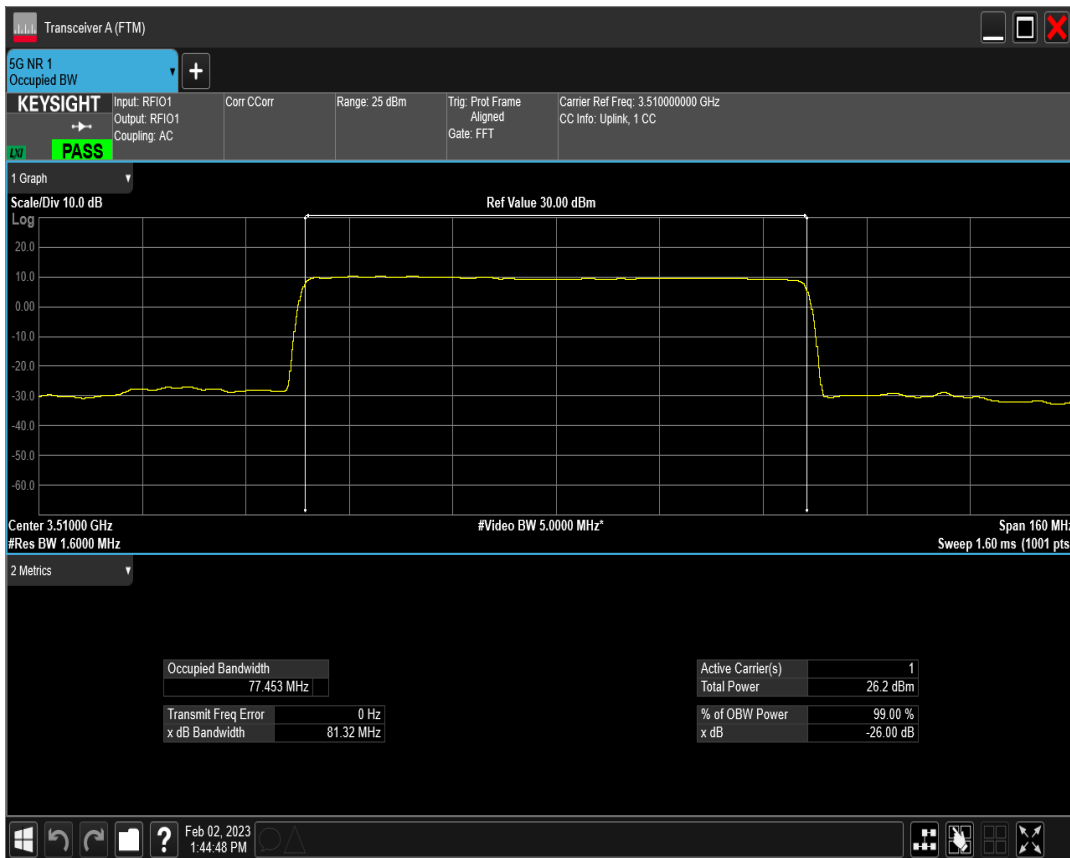
n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=633334 RB=217@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=634000 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0



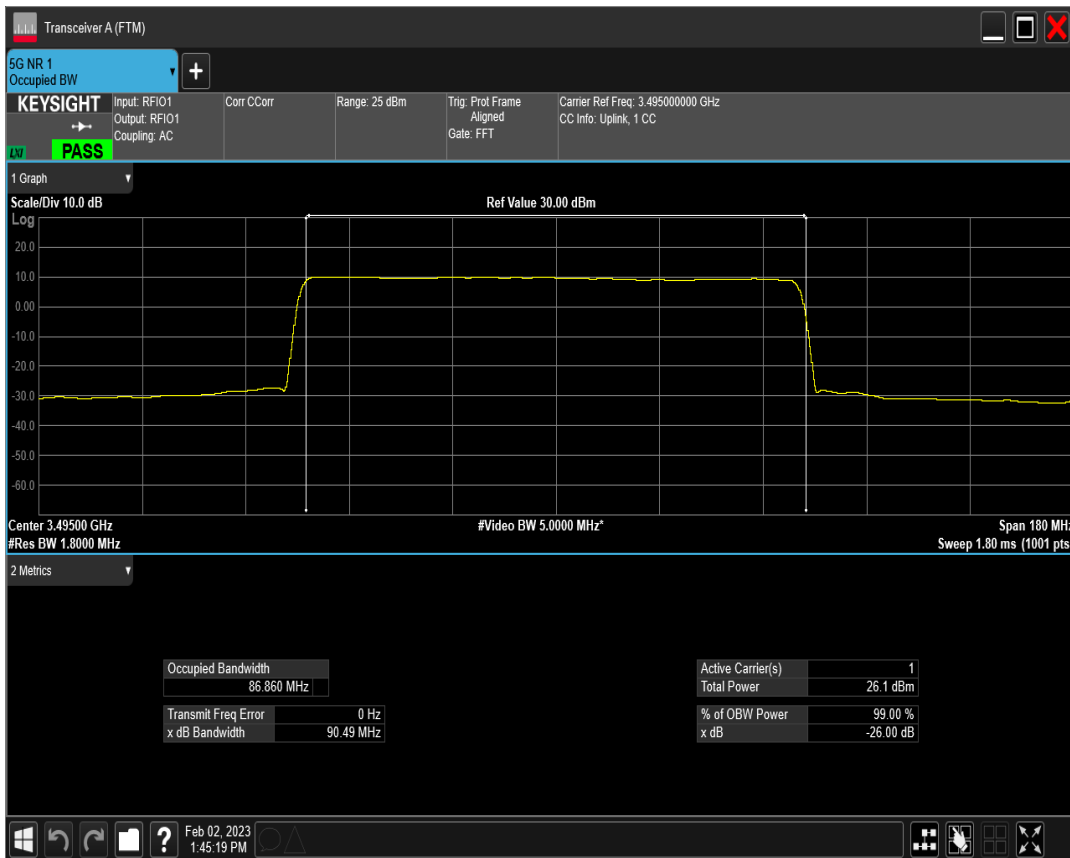
n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=634000 RB=217@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633000 RB=240@0

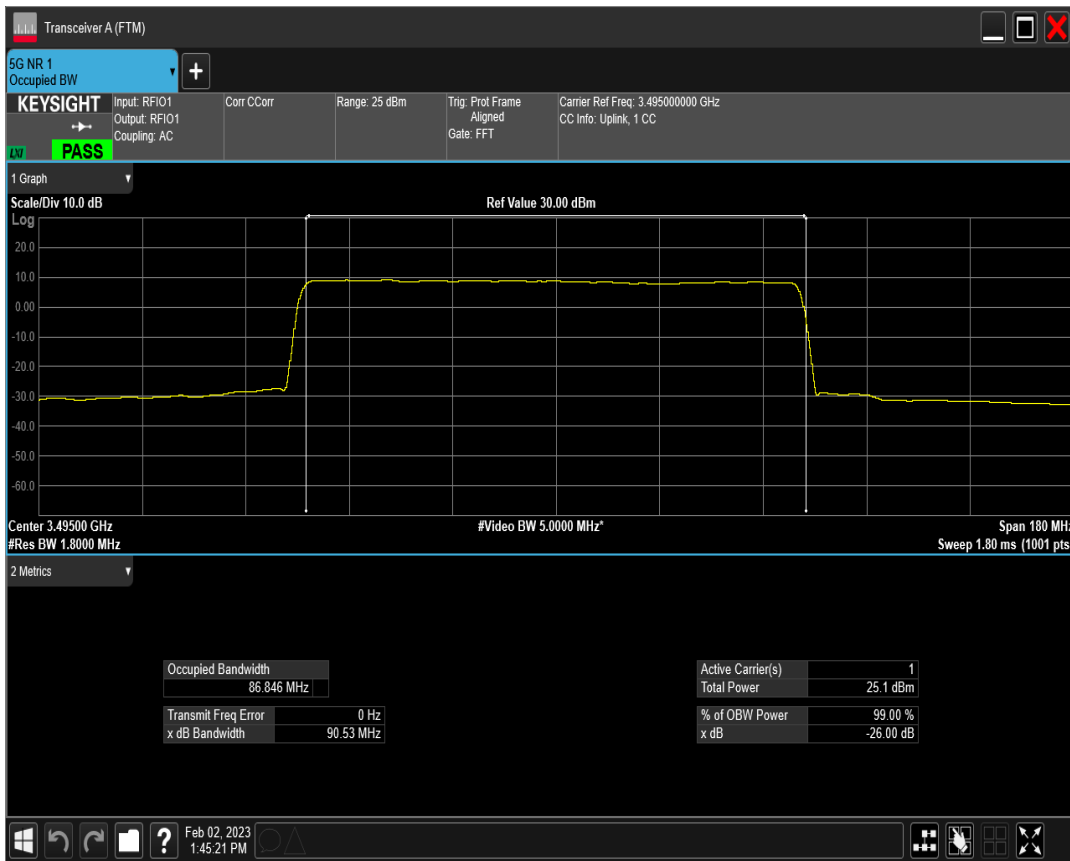


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633000 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633000 RB=240@0

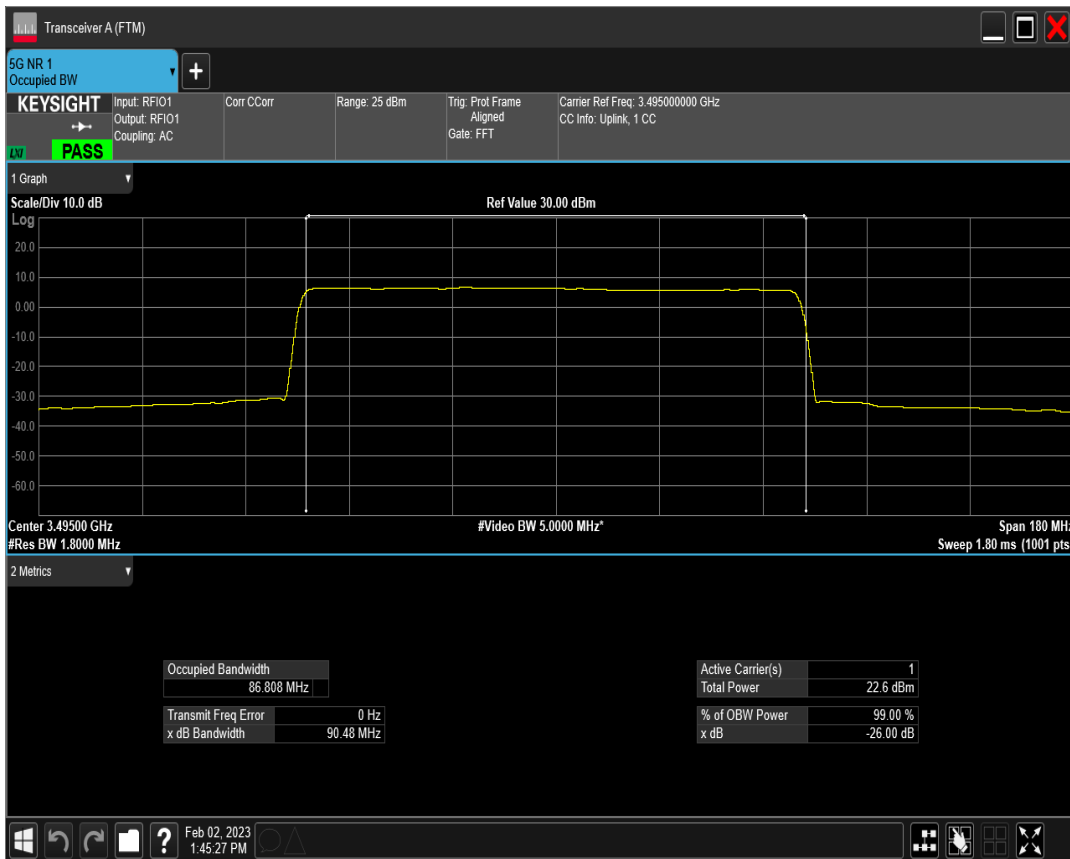




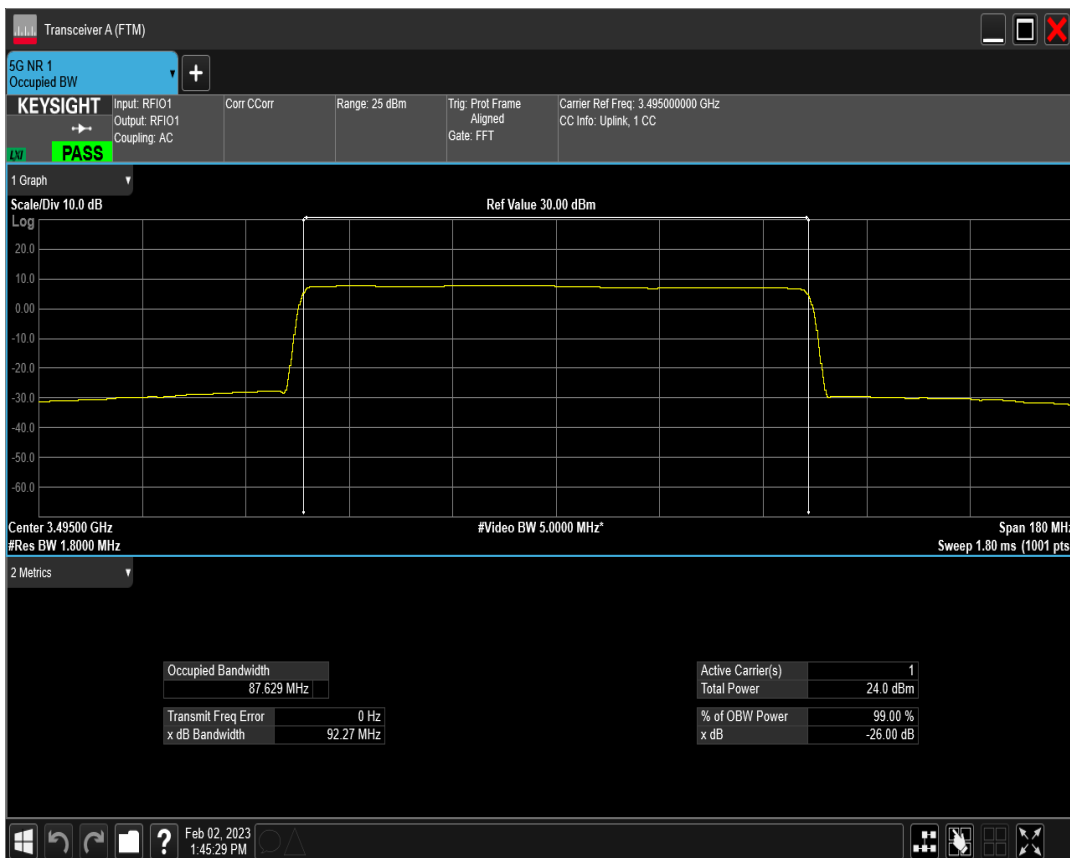
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633000 RB=240@0



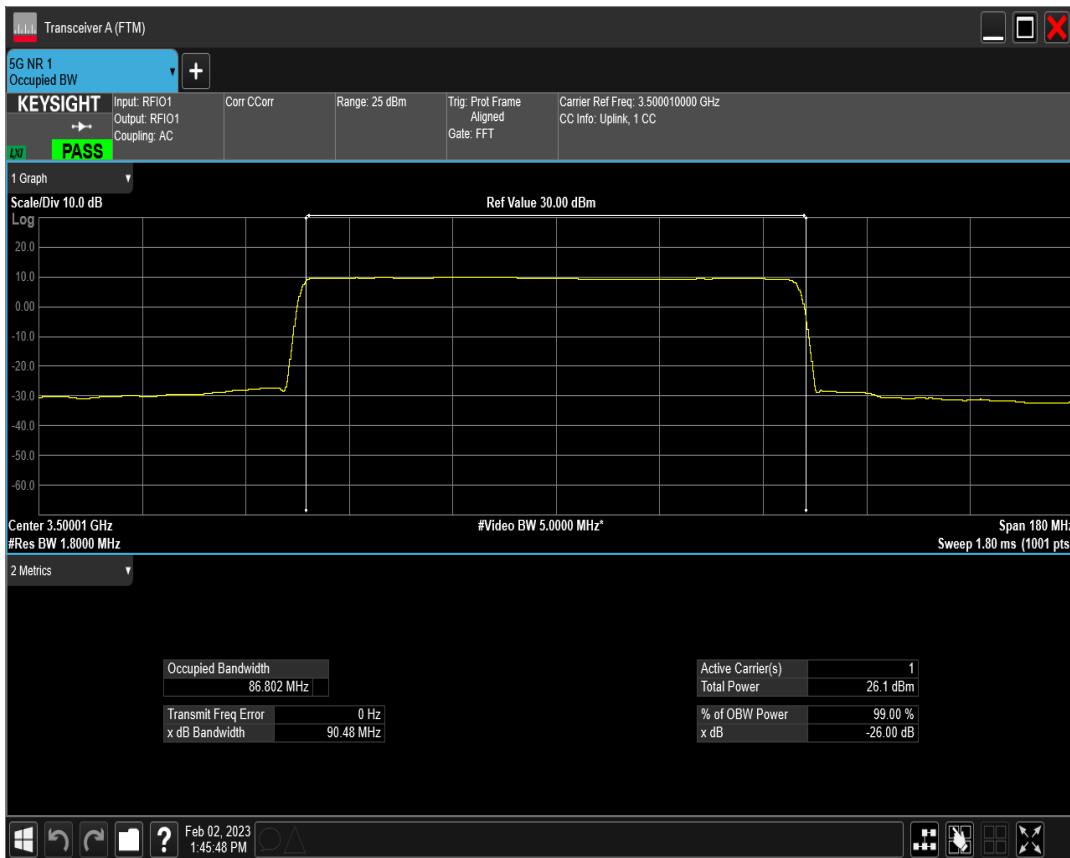
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633000 RB=245@0



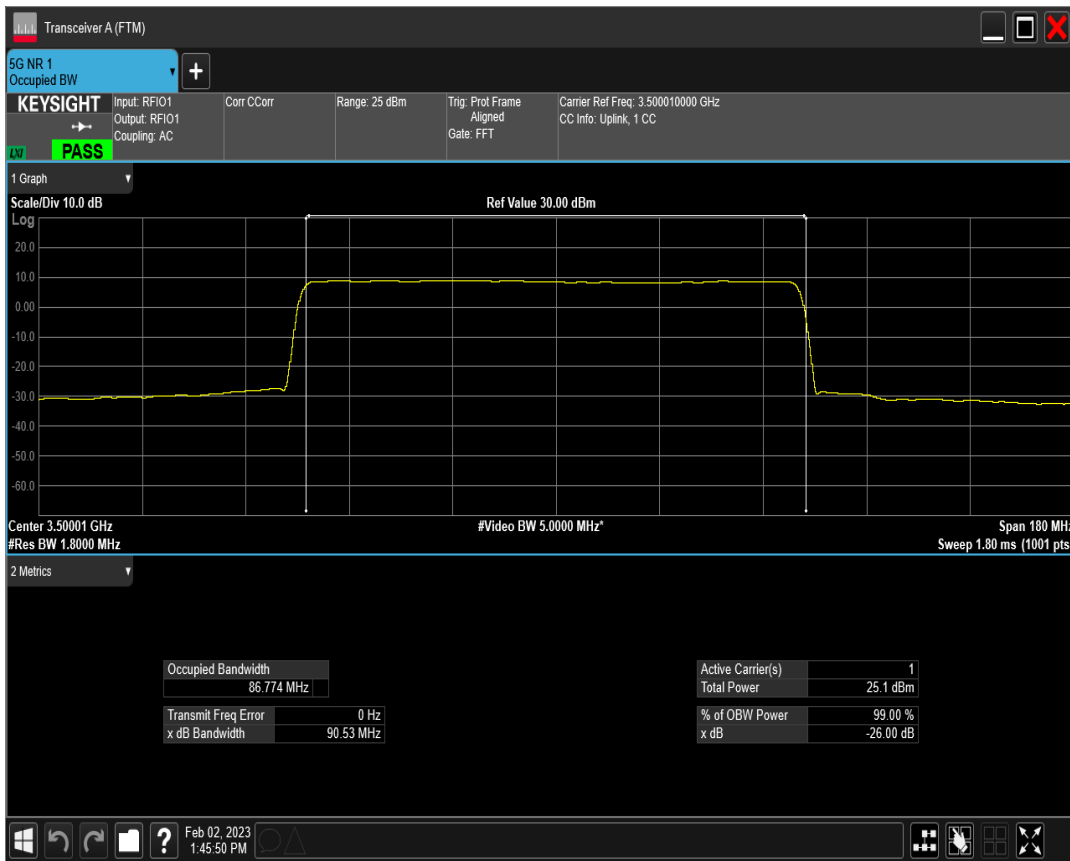
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



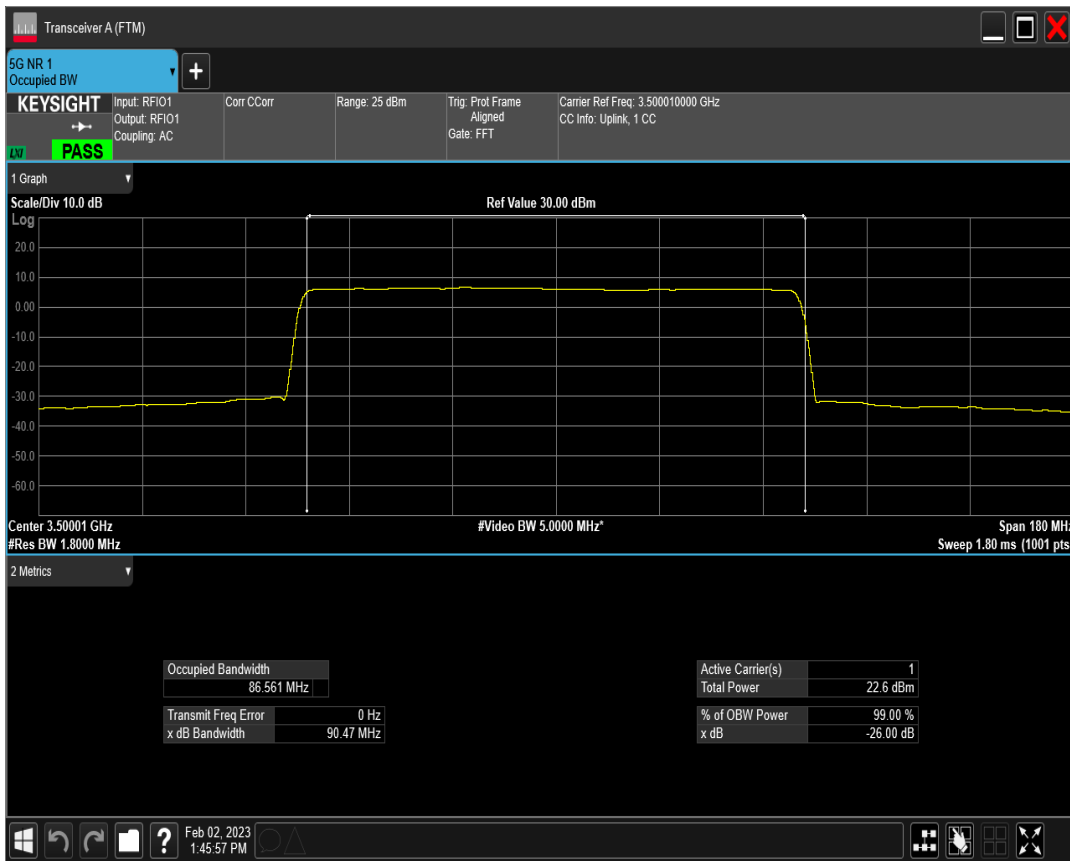
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



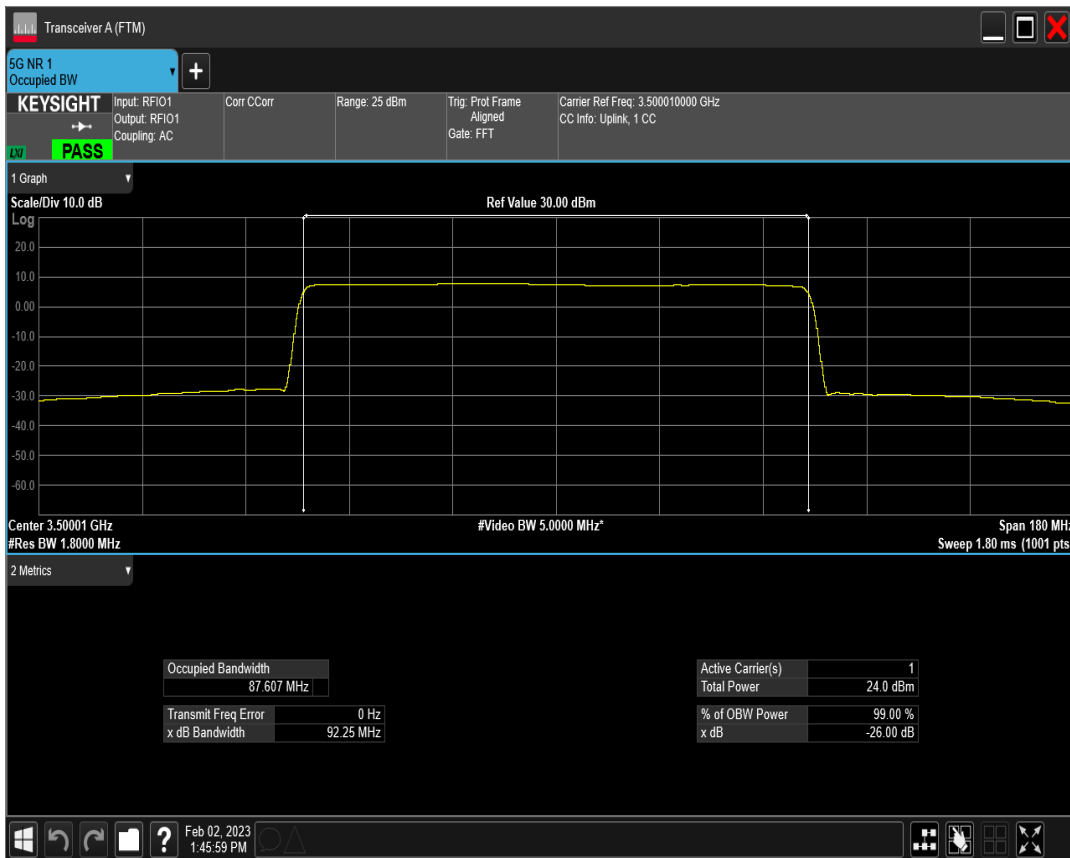
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633334 RB=245@0



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633666 RB=240@0



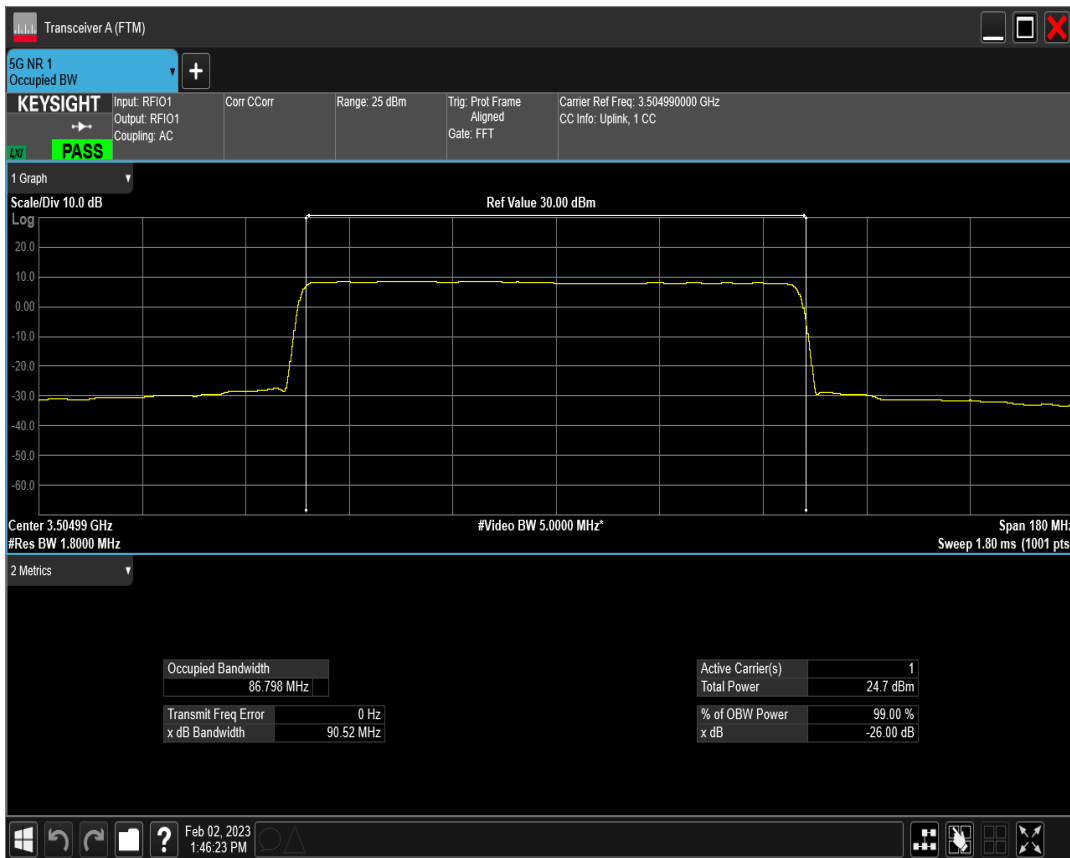
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633666 RB=240@0



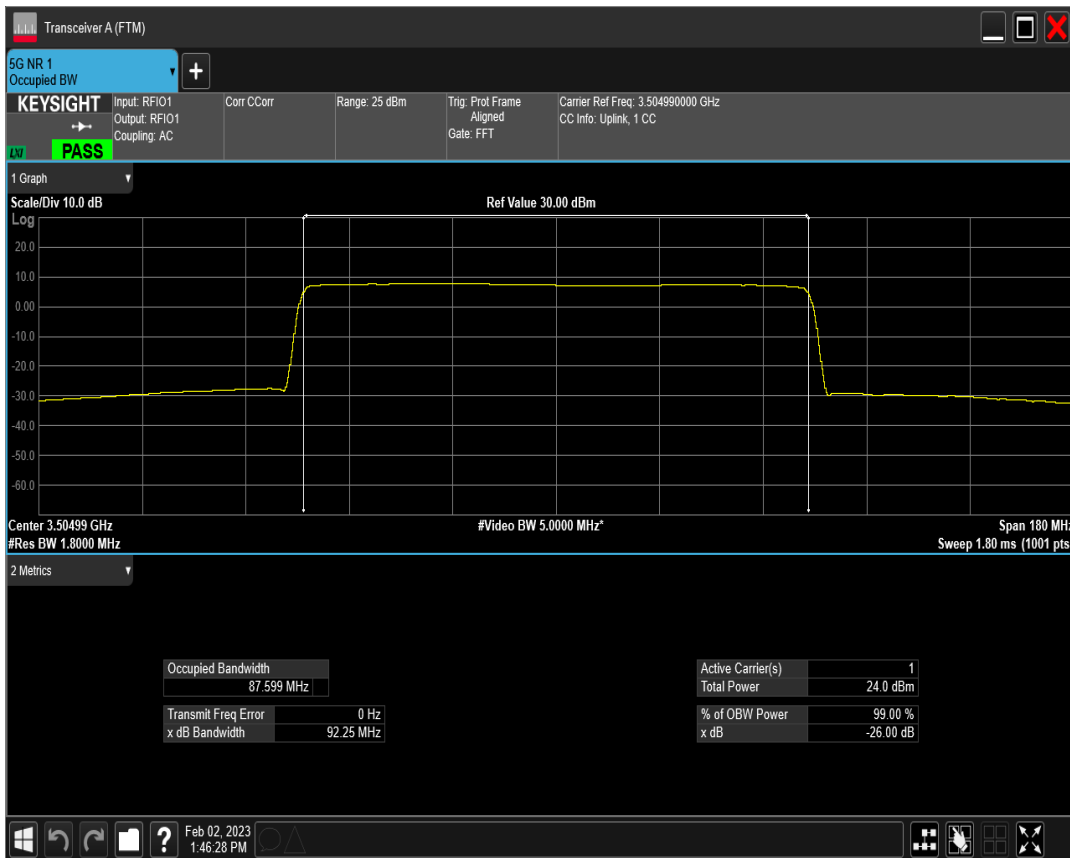
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633666 RB=240@0

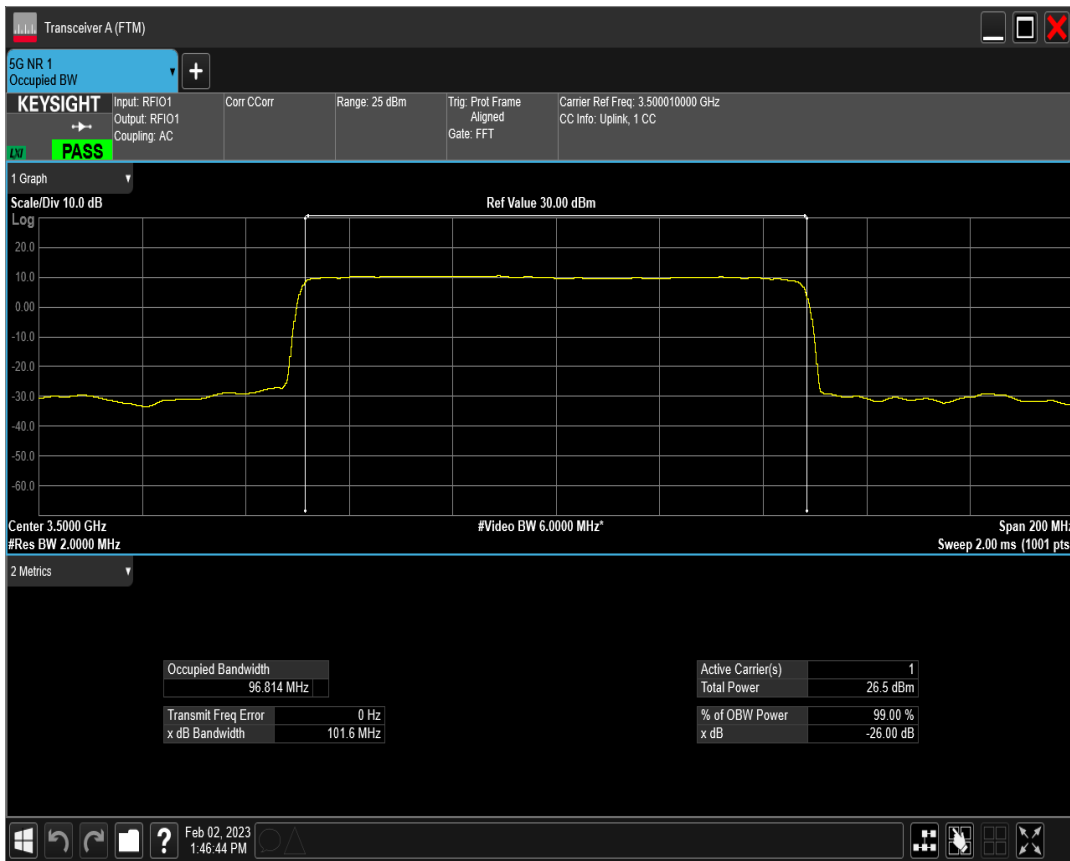


n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633666 RB=245@0

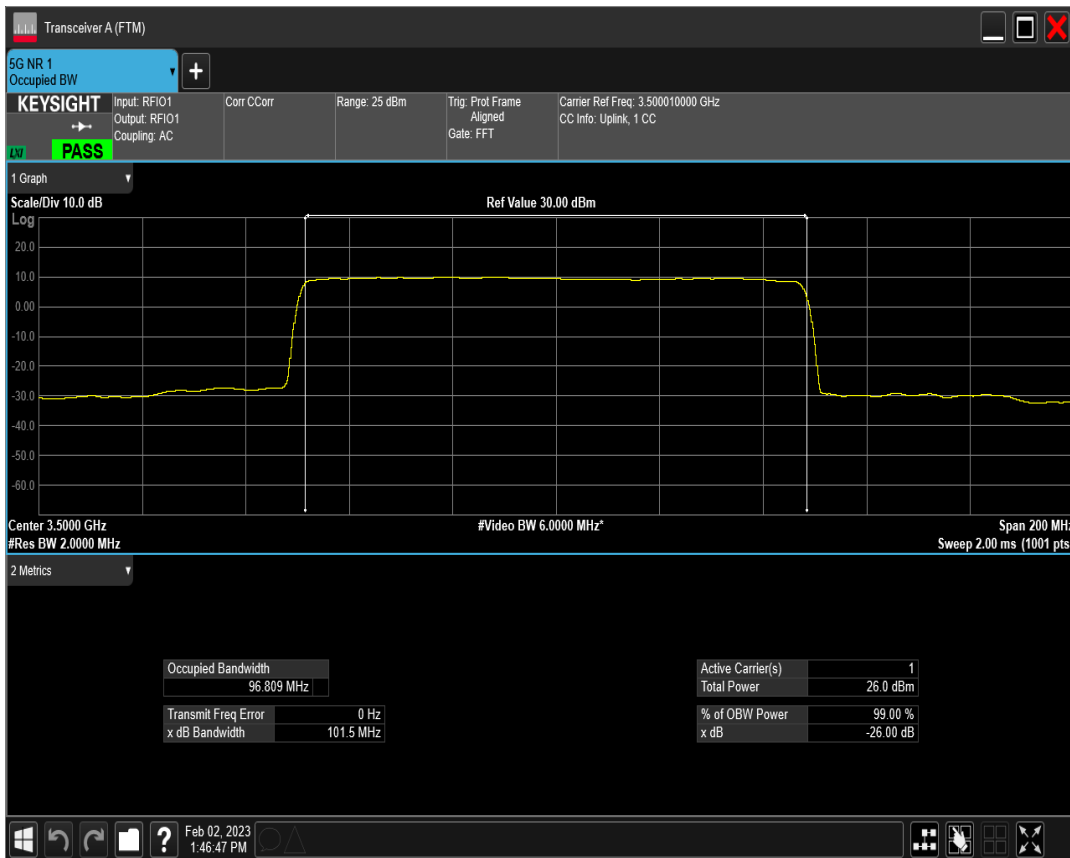


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633334 RB=270@0





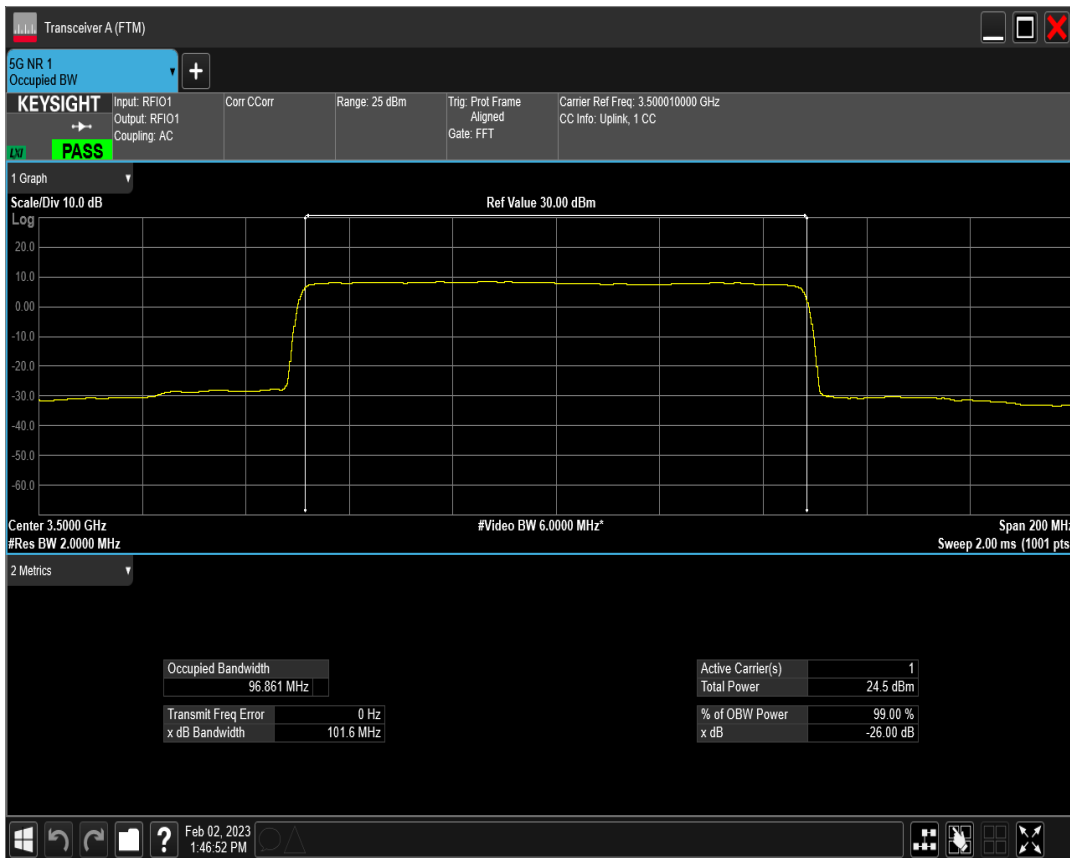
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



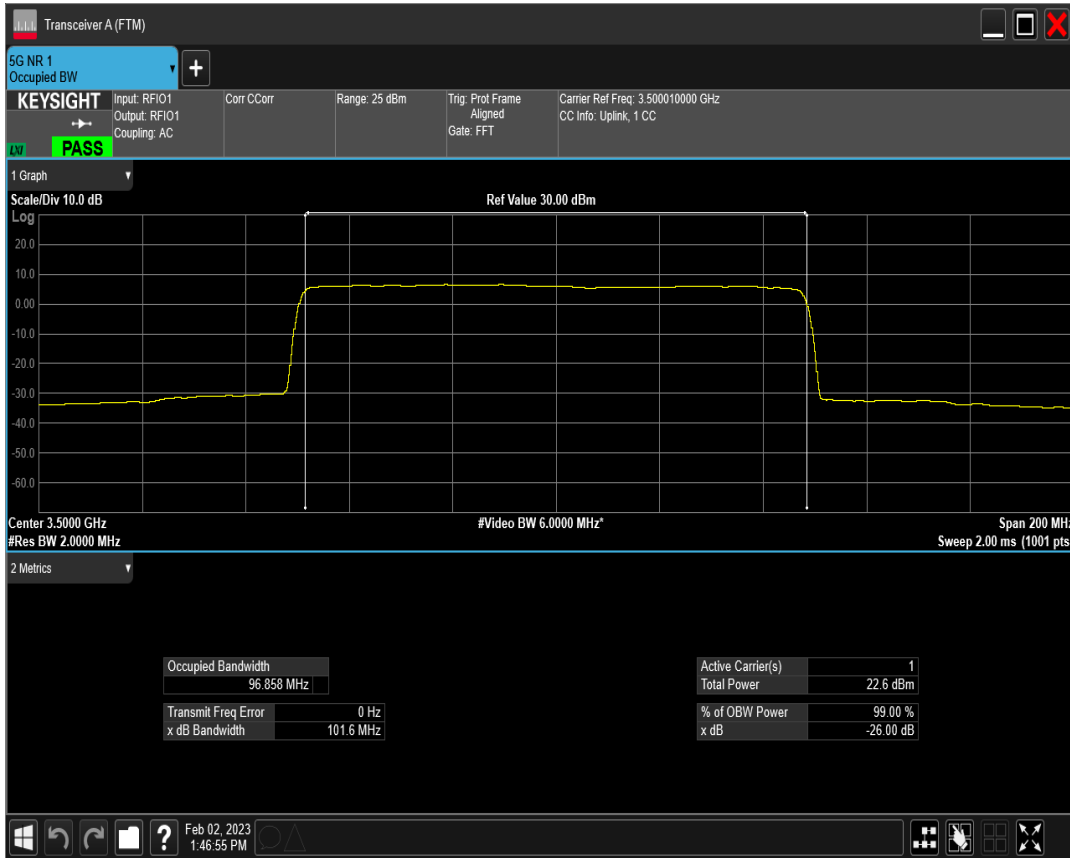
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0



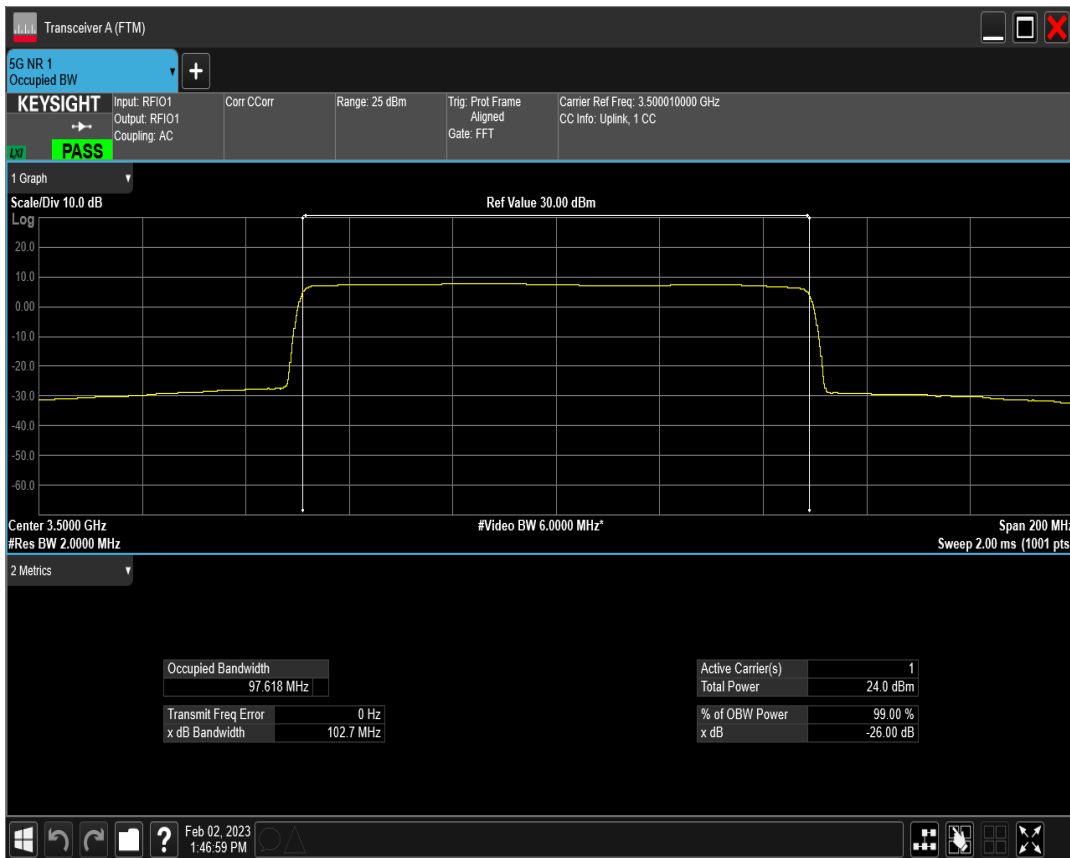
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633334 RB=270@0



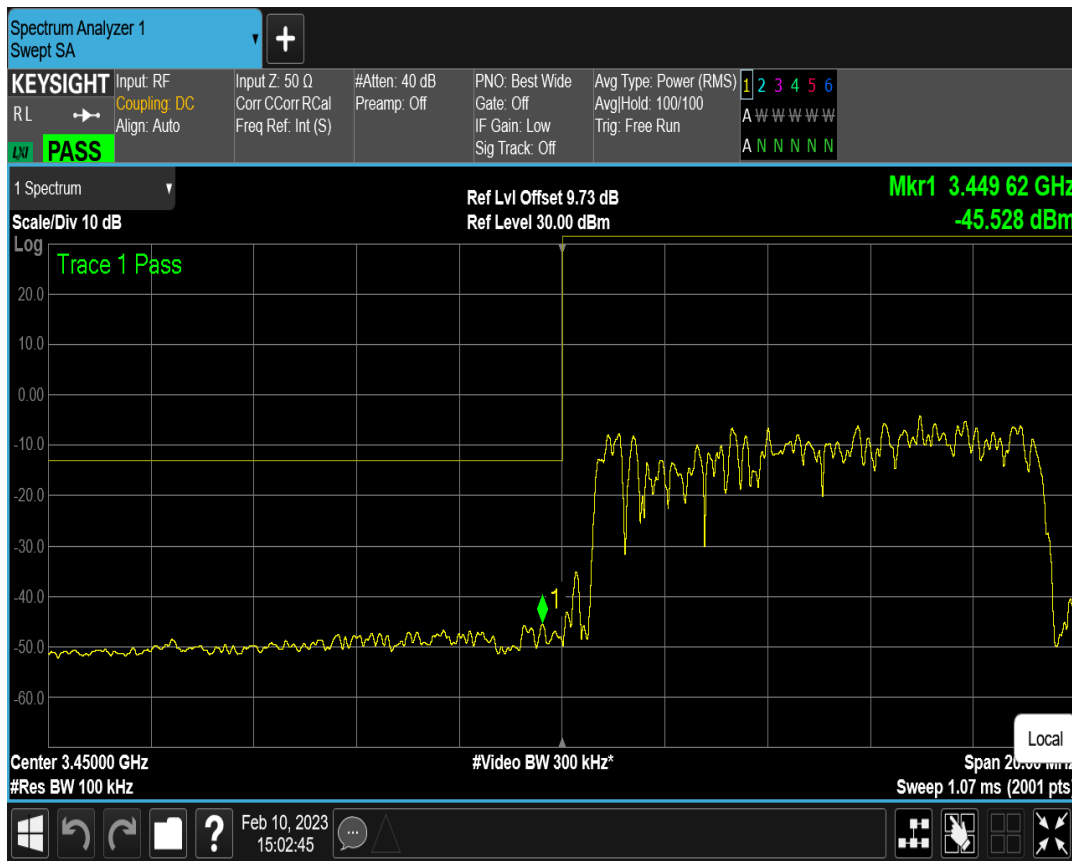
n77(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633334 RB=273@0



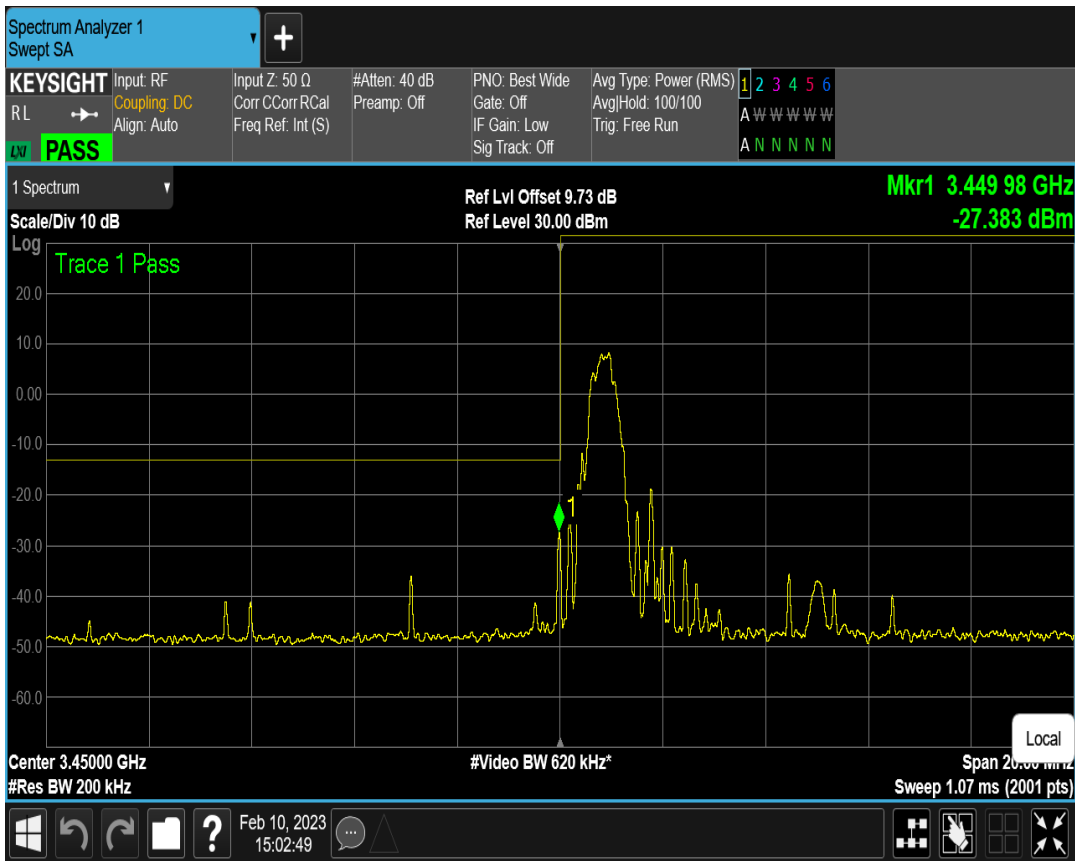
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	3449.62	-45.52	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	3449.98	-27.38	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	3550.00	-38.46	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	3550.00	-24.07	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-32.15	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	3449.60	-34.88	-13	PASS

n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0



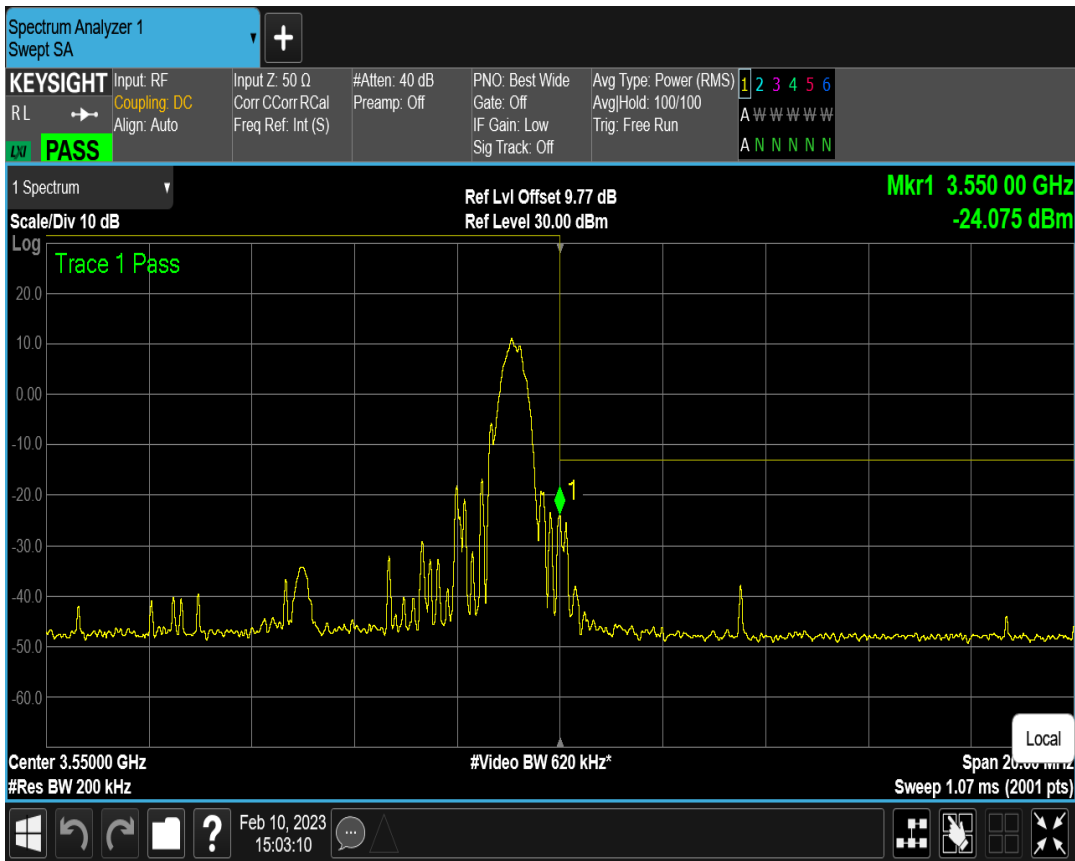
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



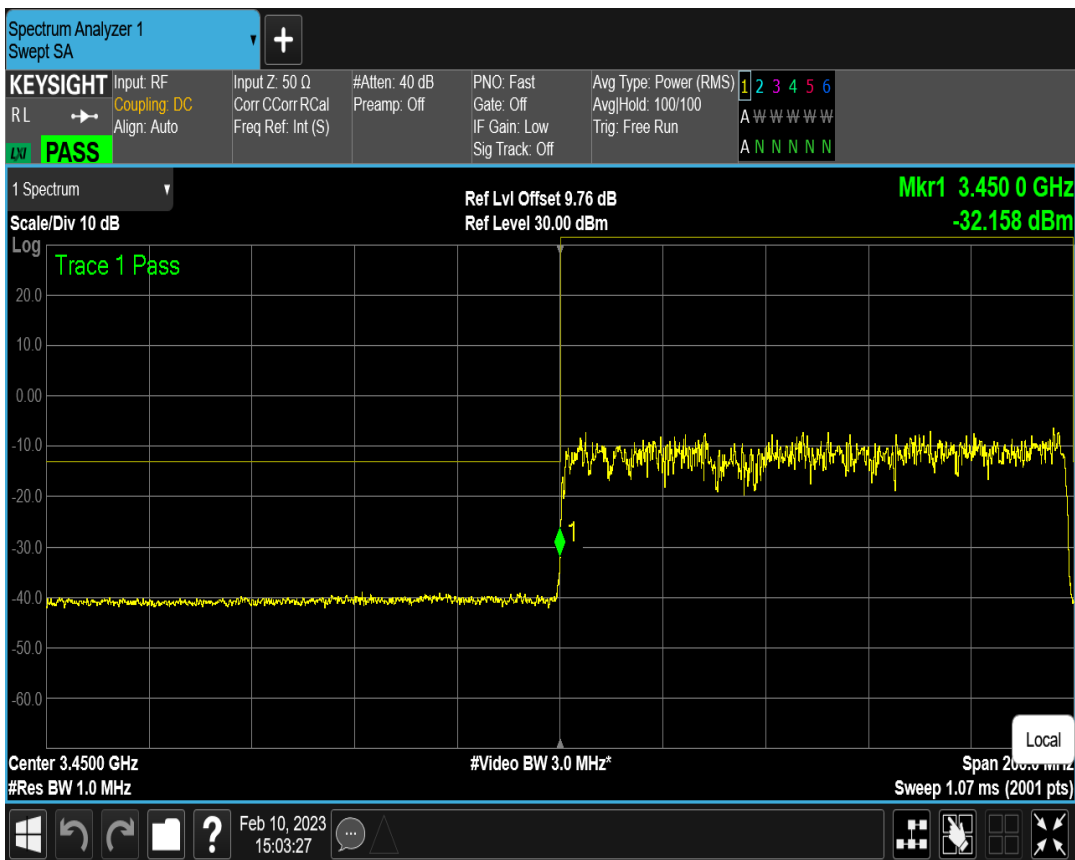
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



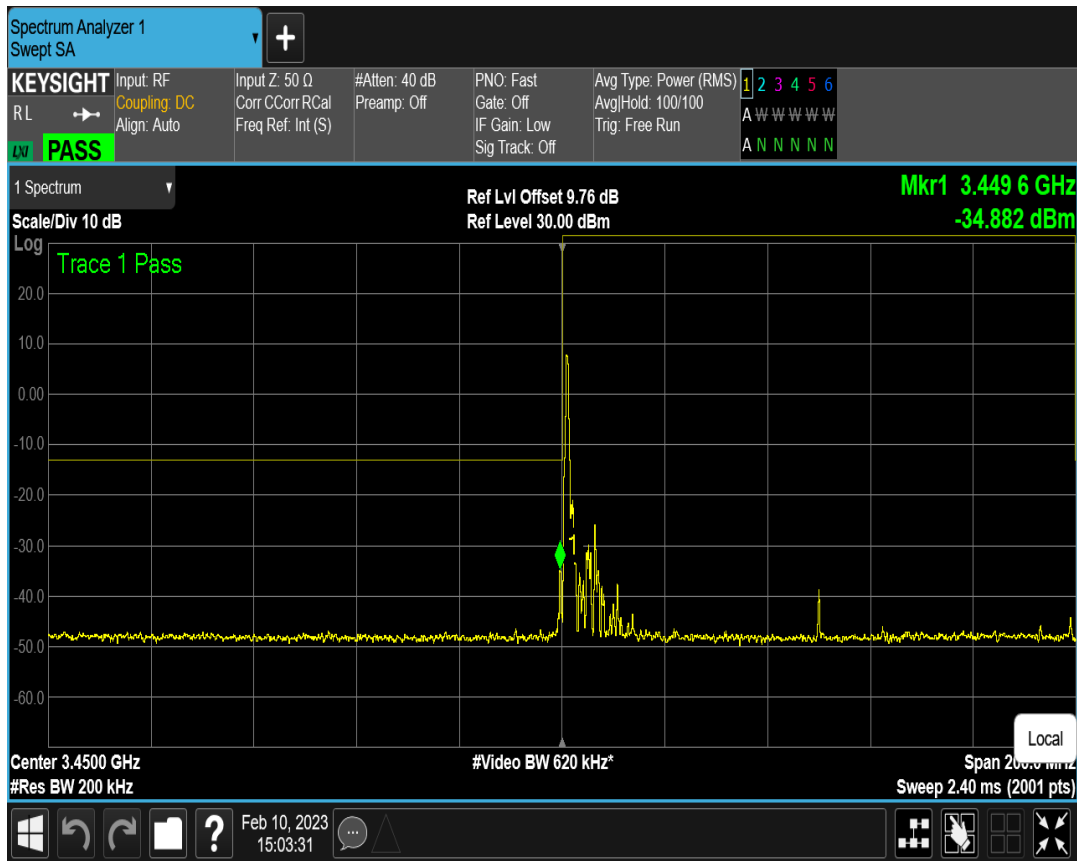
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@23



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



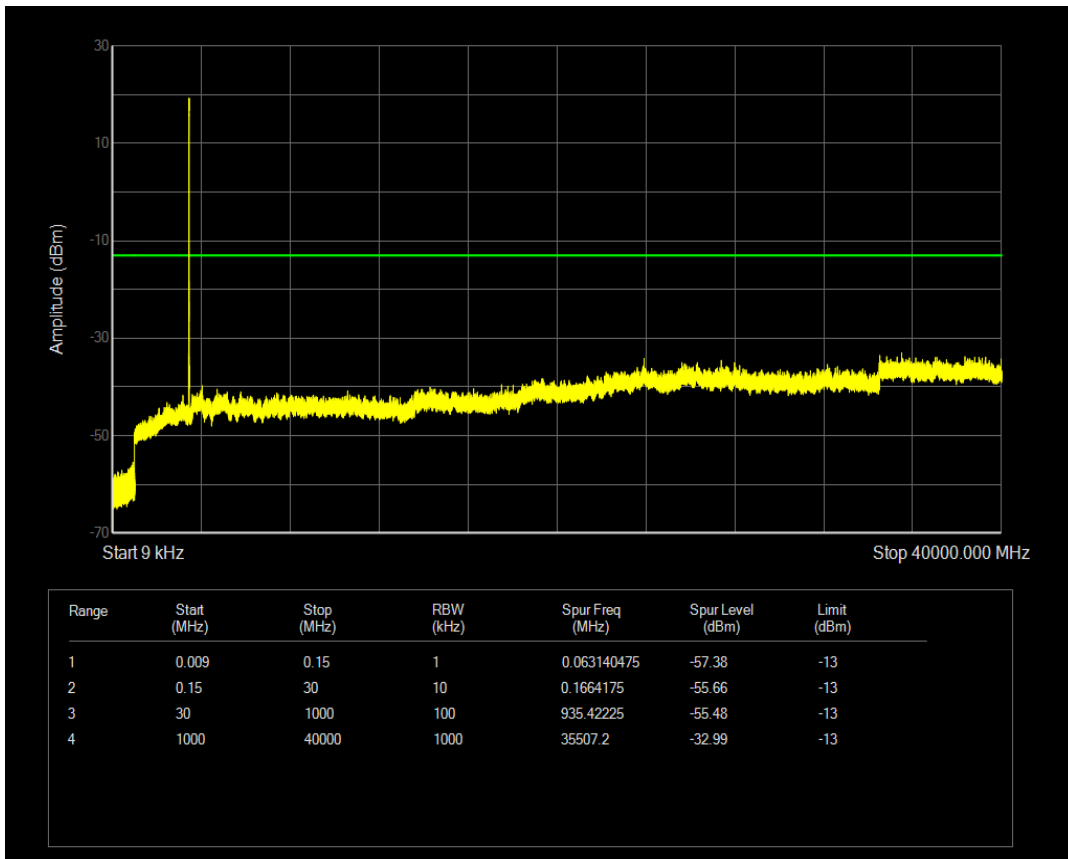
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



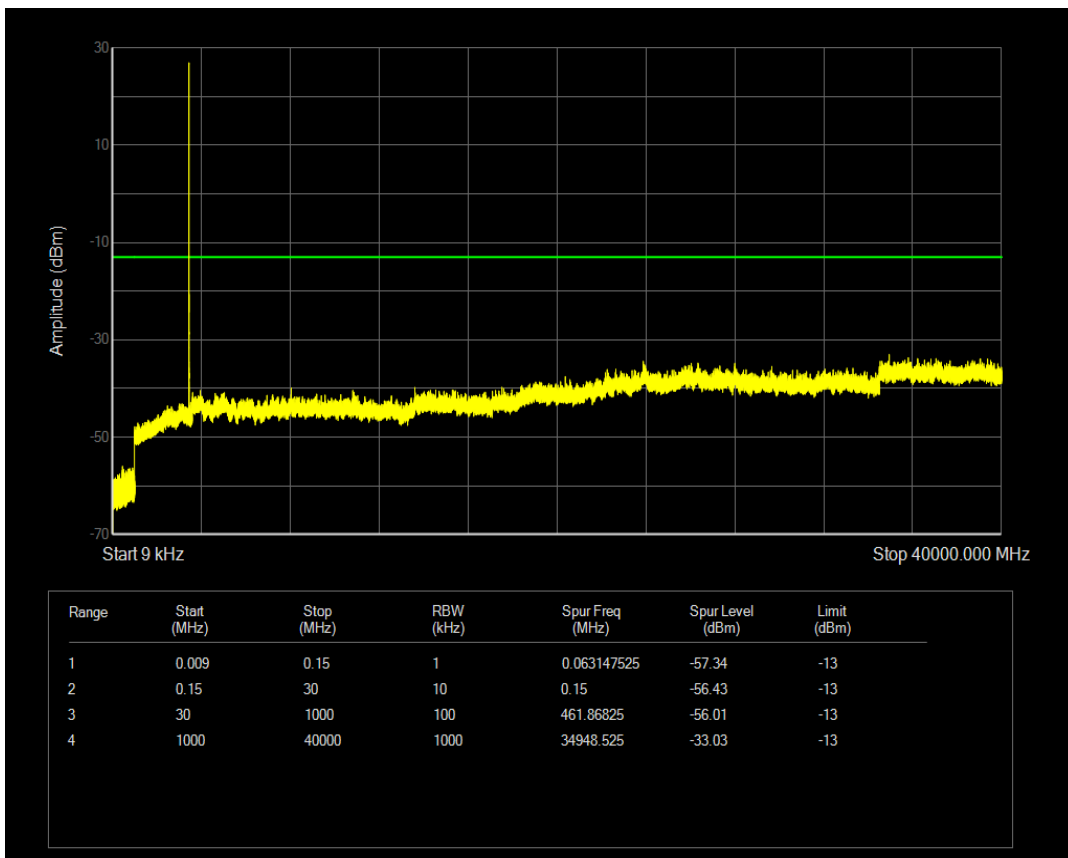
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	35507.20	-32.99	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	34948.53	-33.03	-13	PASS
n77(3450-3550)	30	10	630334	1@23	DFT_QPSK	36131.20	-33.17	-13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	34966.08	-32.46	-13	PASS
n77(3450-3550)	30	10	633334	1@0	DFT_QPSK	38465.35	-33.41	-13	PASS
n77(3450-3550)	30	10	633334	1@23	DFT_QPSK	35345.35	-32.68	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	36936.55	-33.48	-13	PASS
n77(3450-3550)	30	10	636332	1@0	DFT_QPSK	34785.70	-33.32	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	37021.38	-32.86	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	34529.28	-33.66	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	39155.65	-33.56	-13	PASS
n77(3450-3550)	30	100	633334	1@272	DFT_QPSK	35646.63	-32.92	-13	PASS

n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0

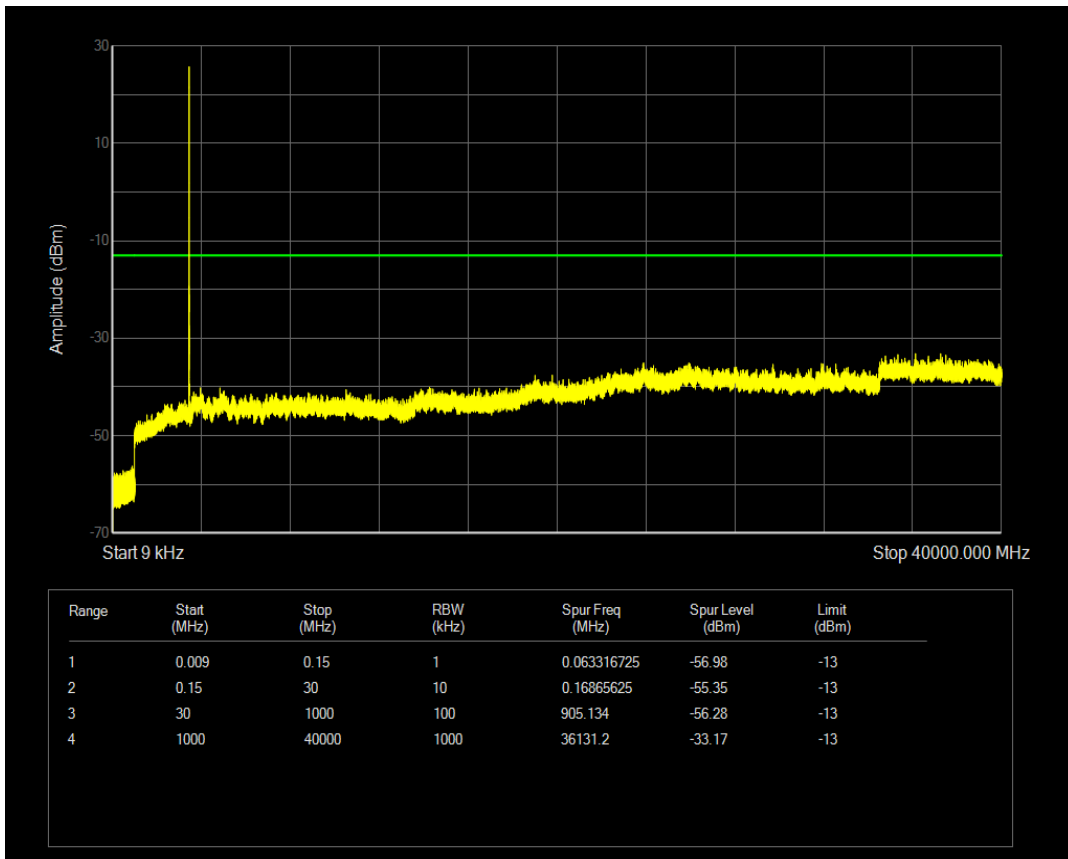


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0

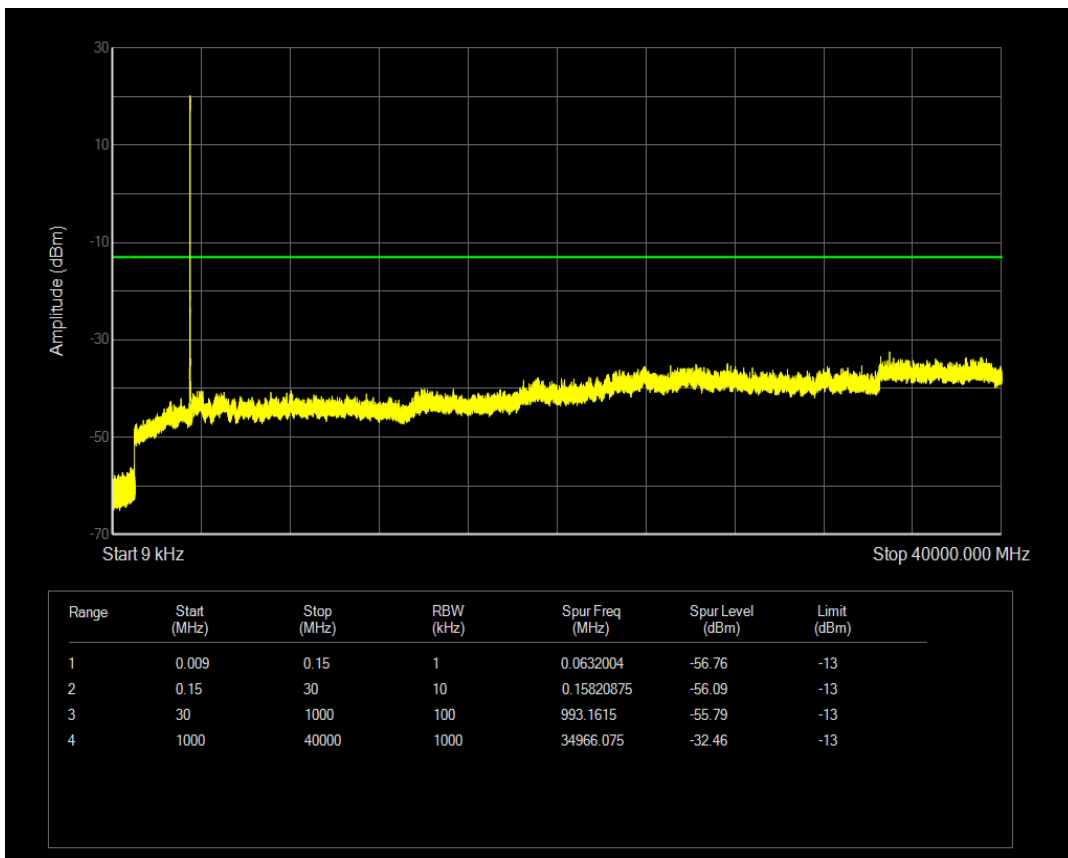


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@23

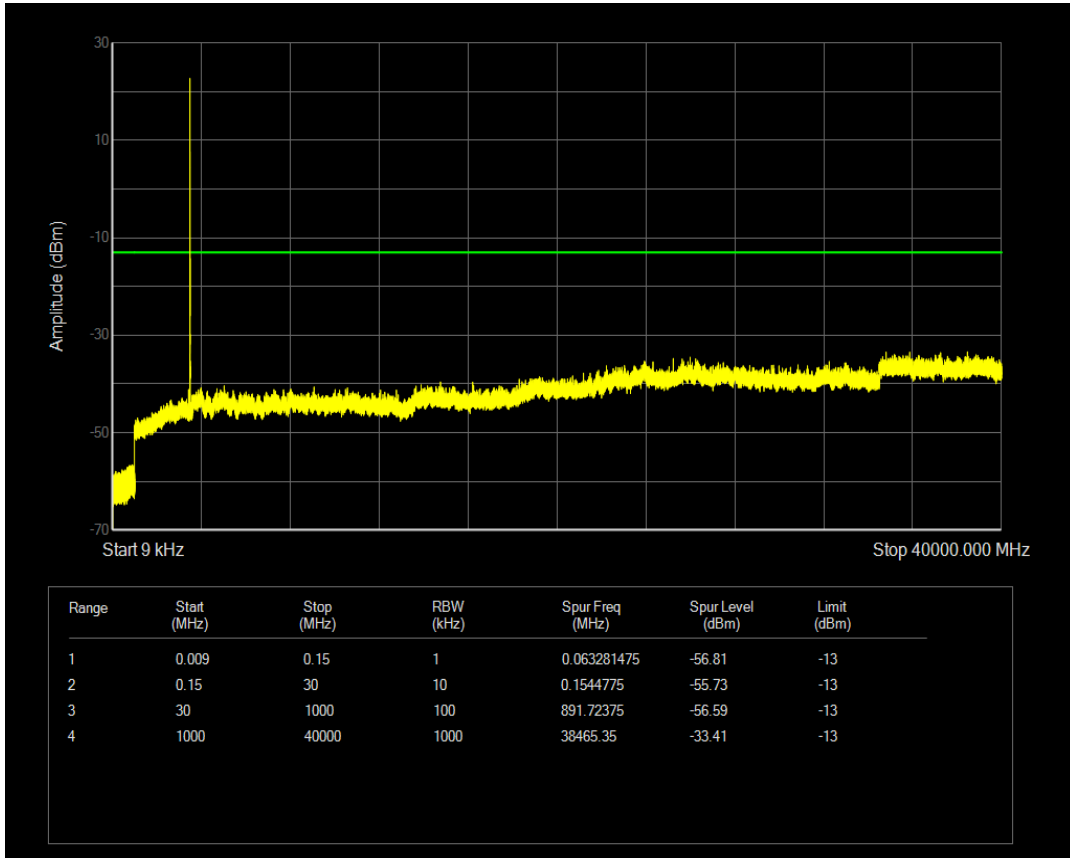




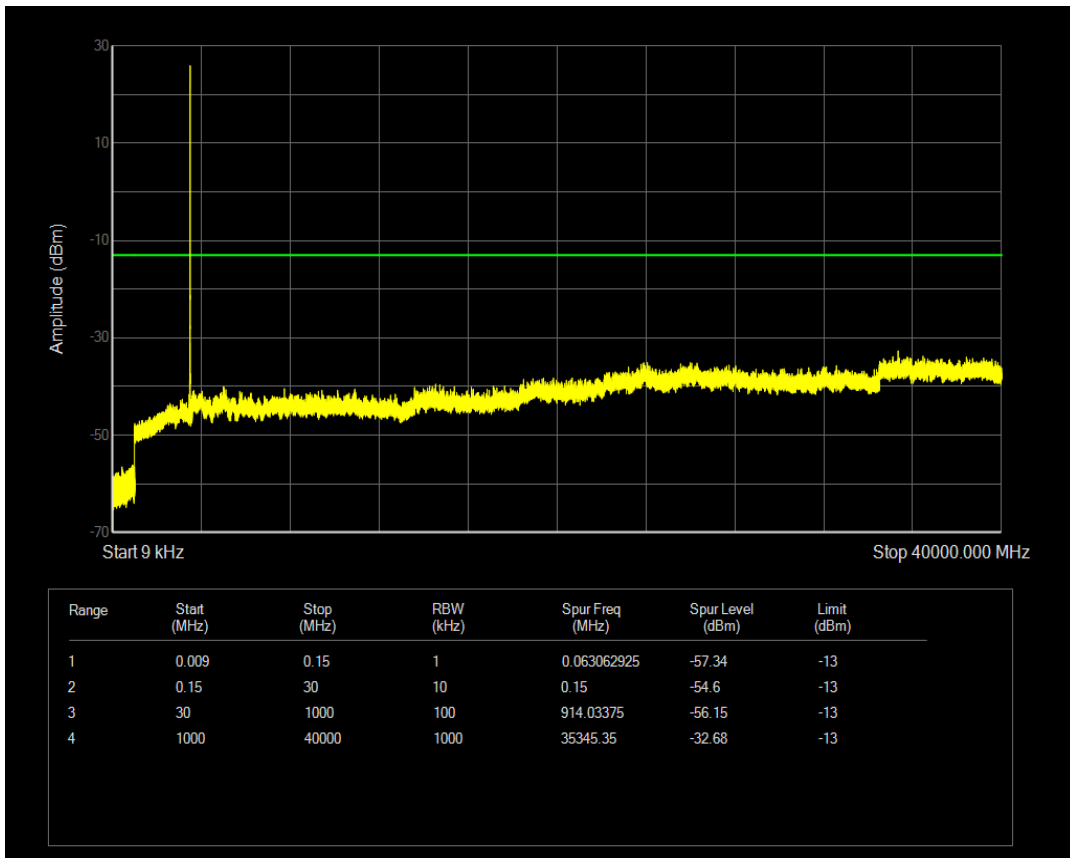
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



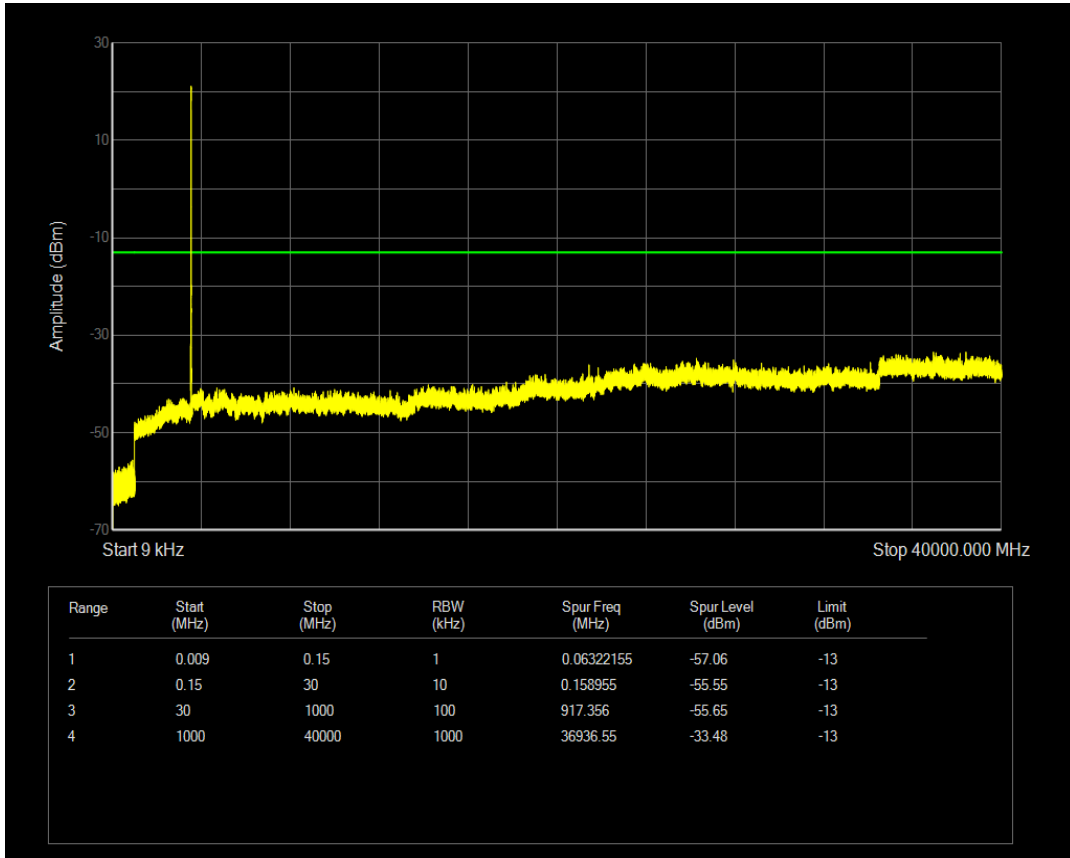
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



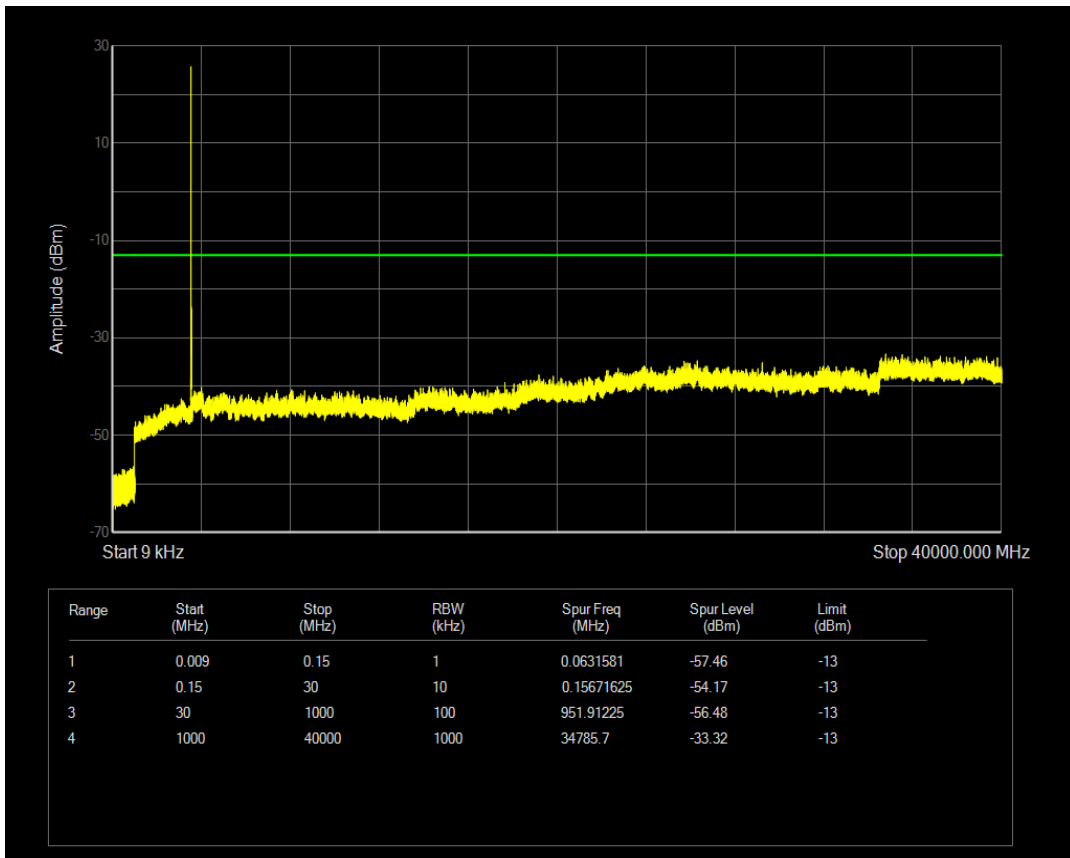
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@23



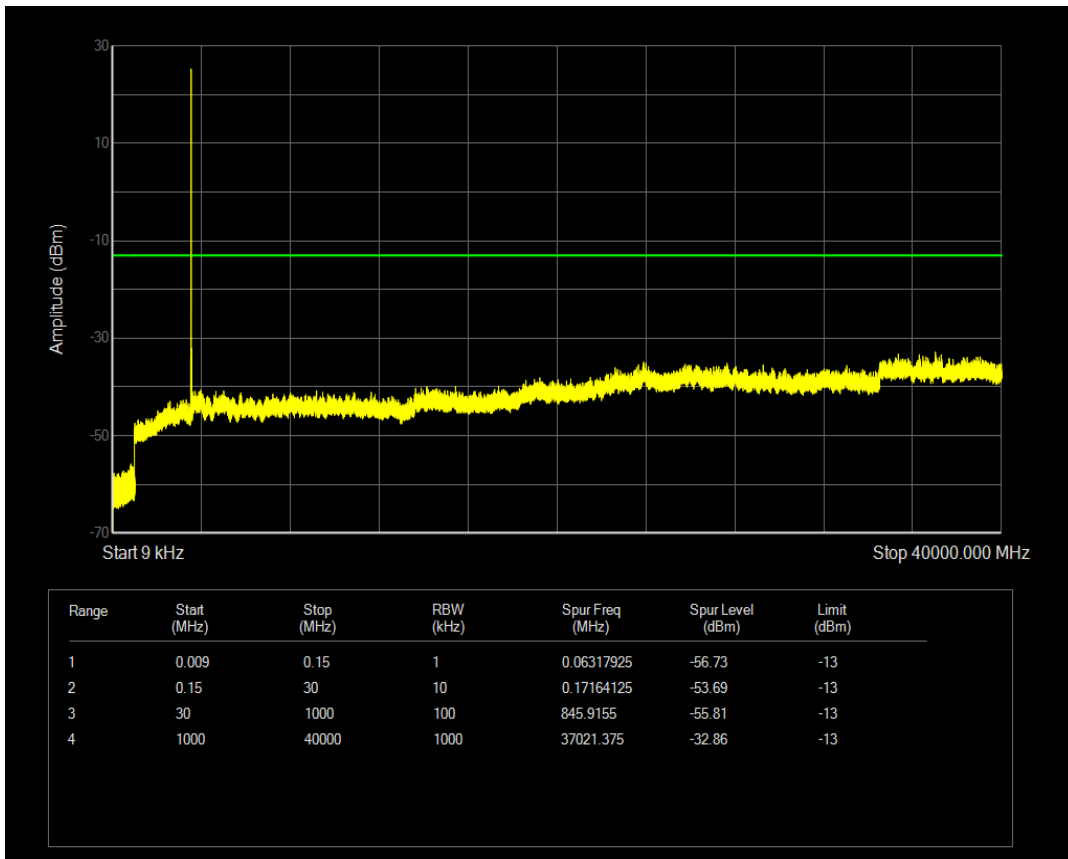
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



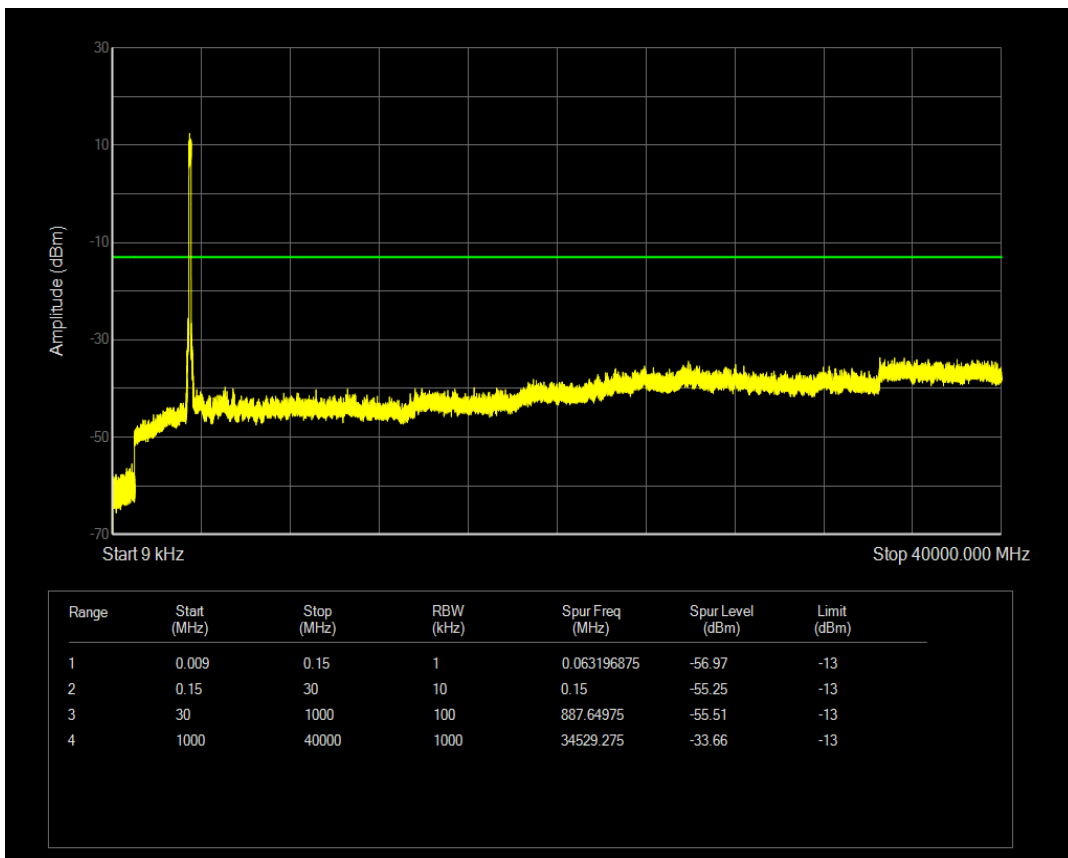
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1 @0



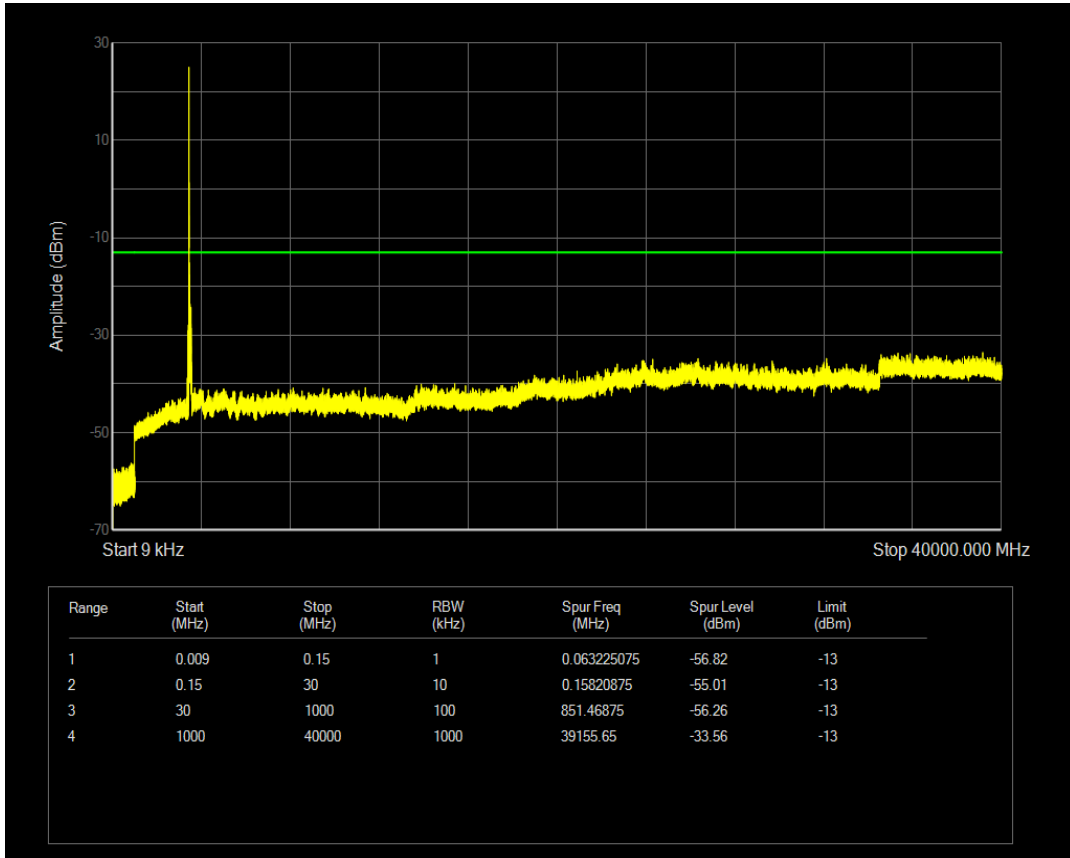
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1 @23



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@272

