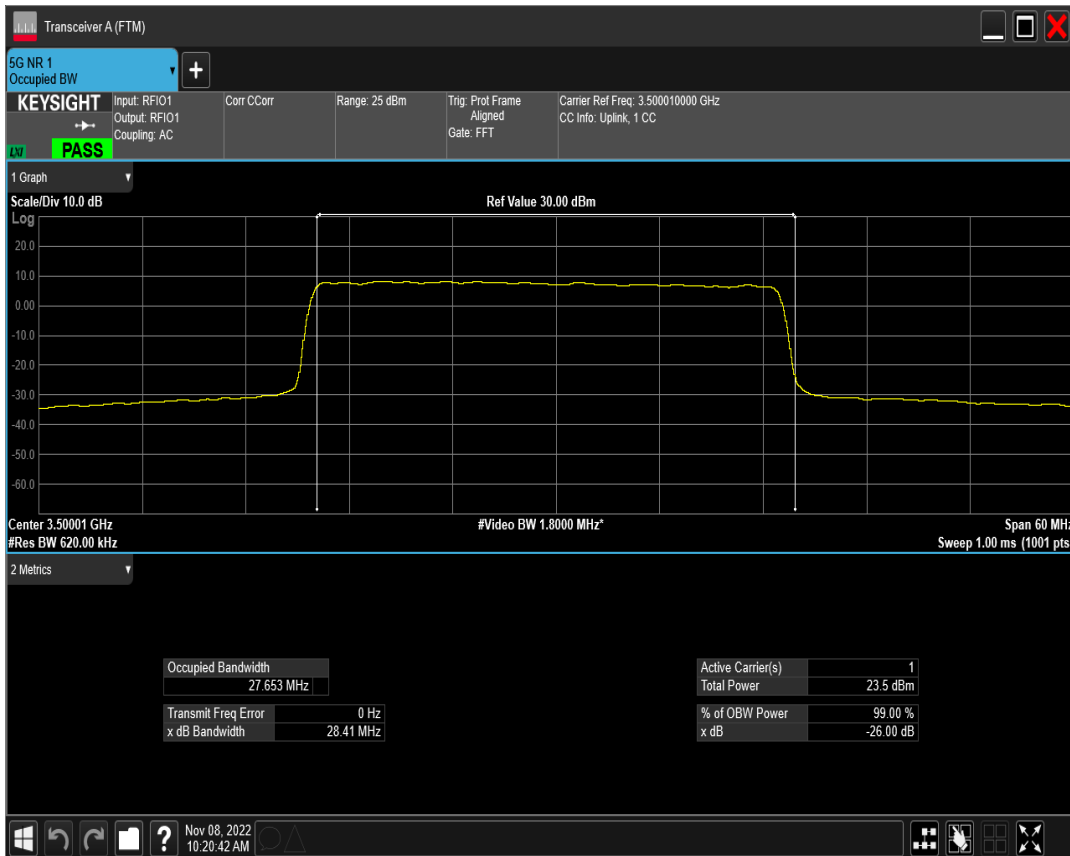
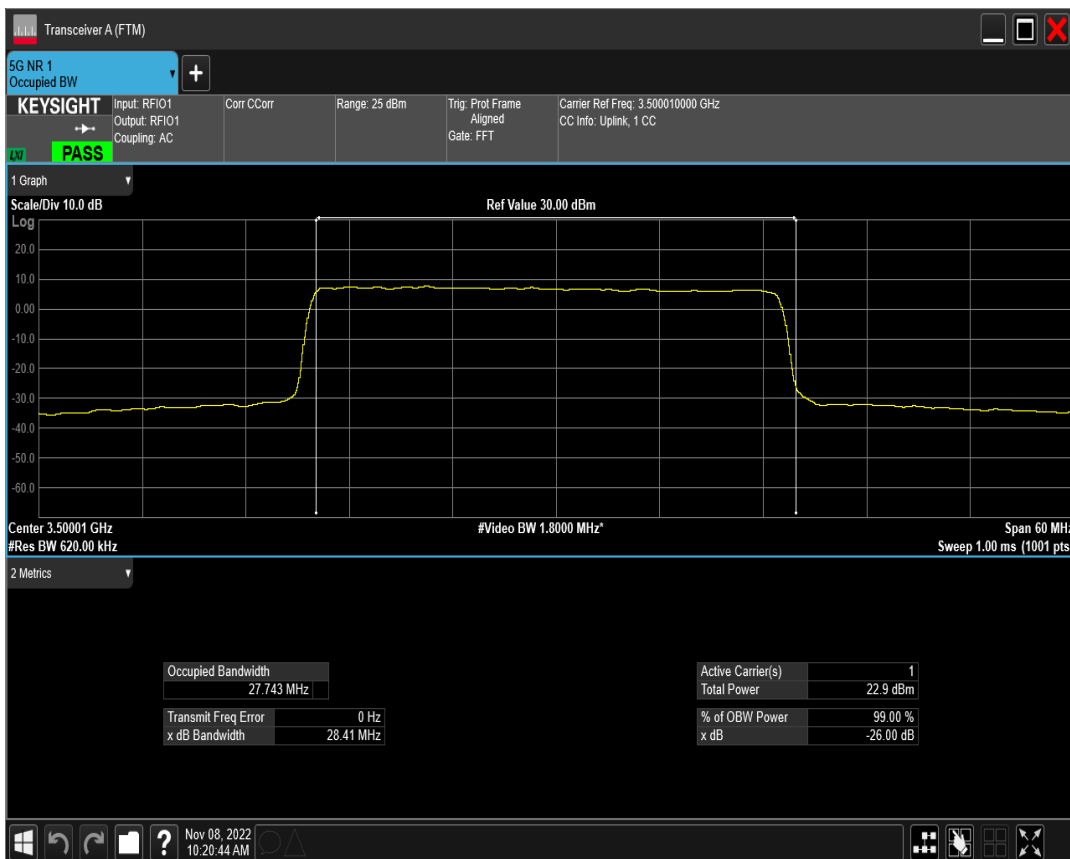


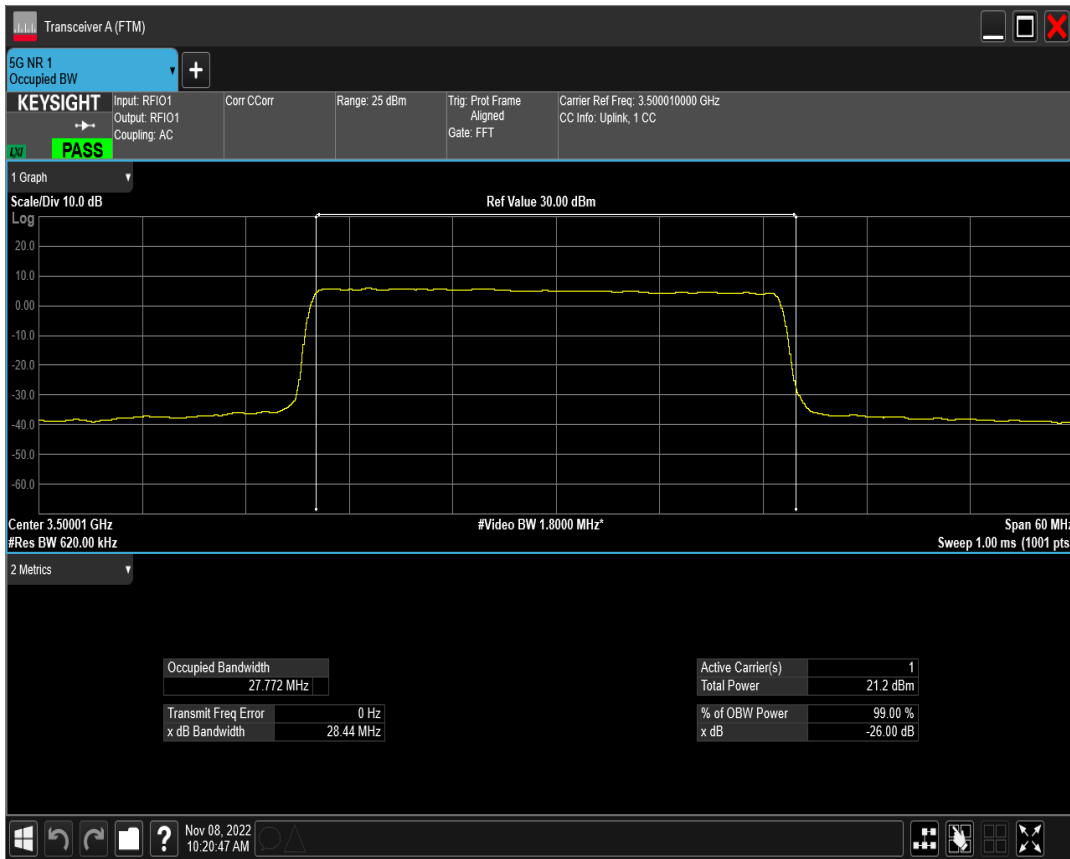
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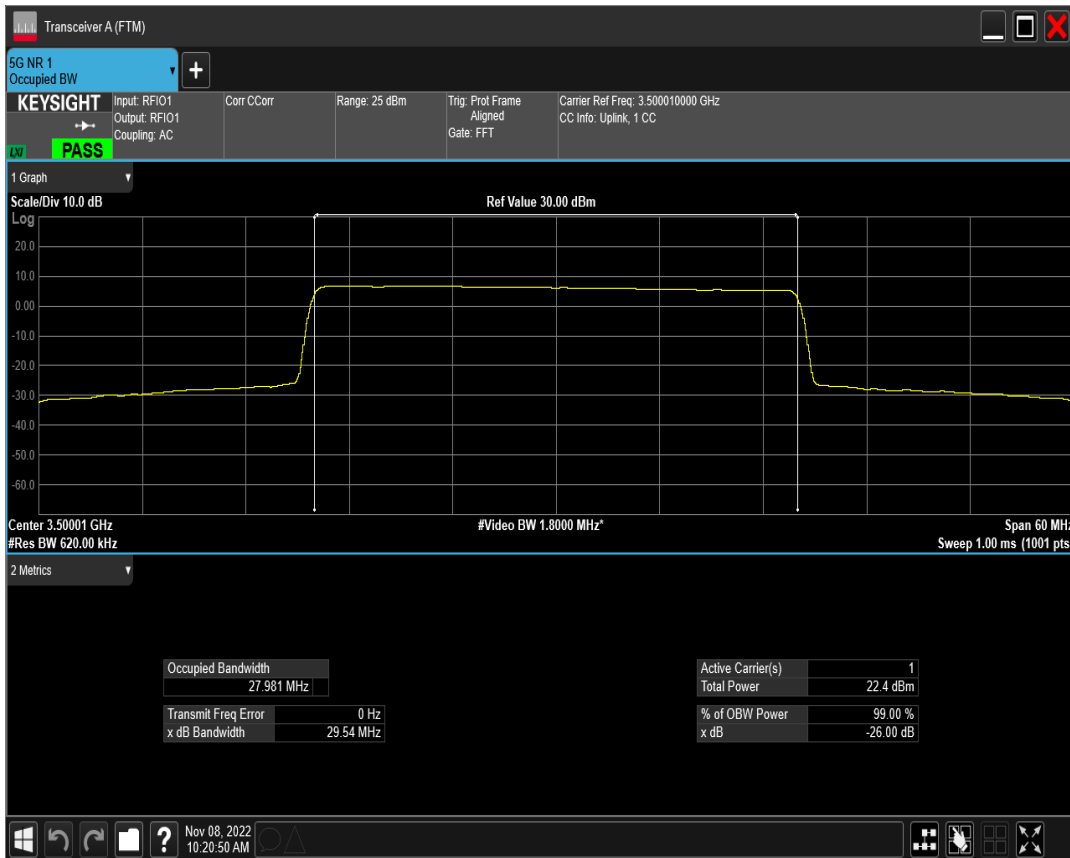
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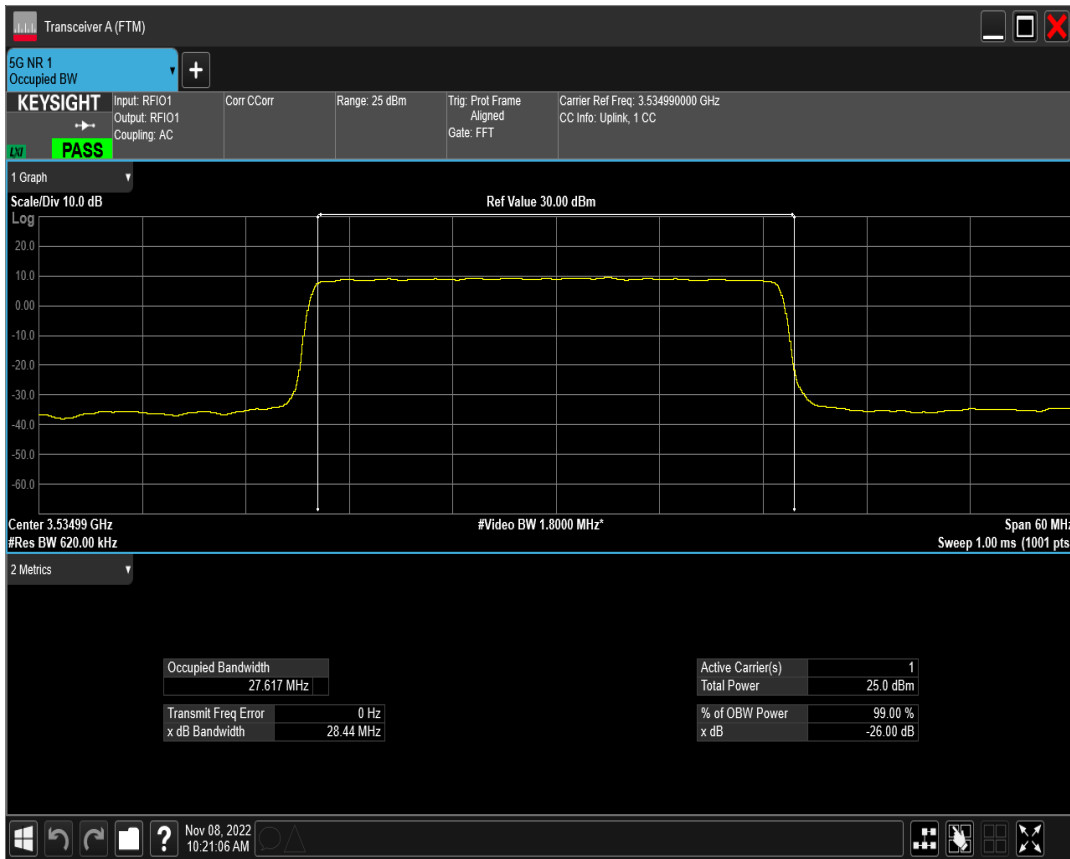
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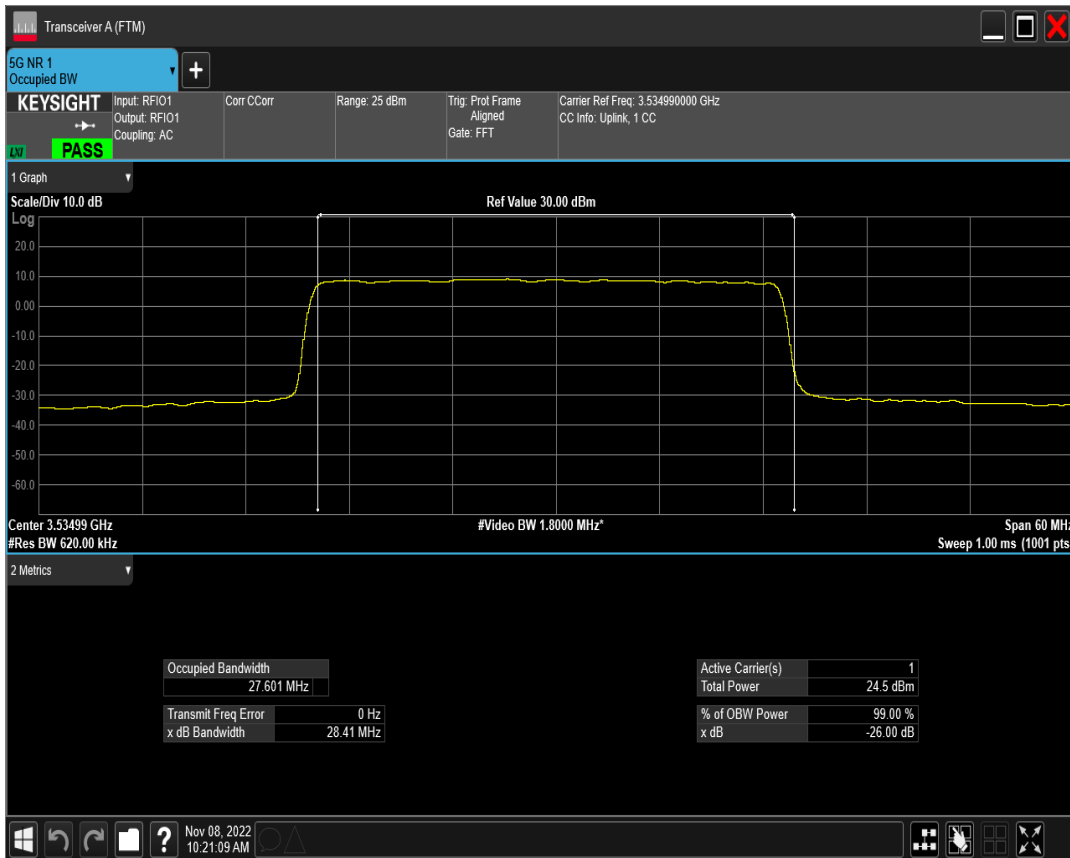
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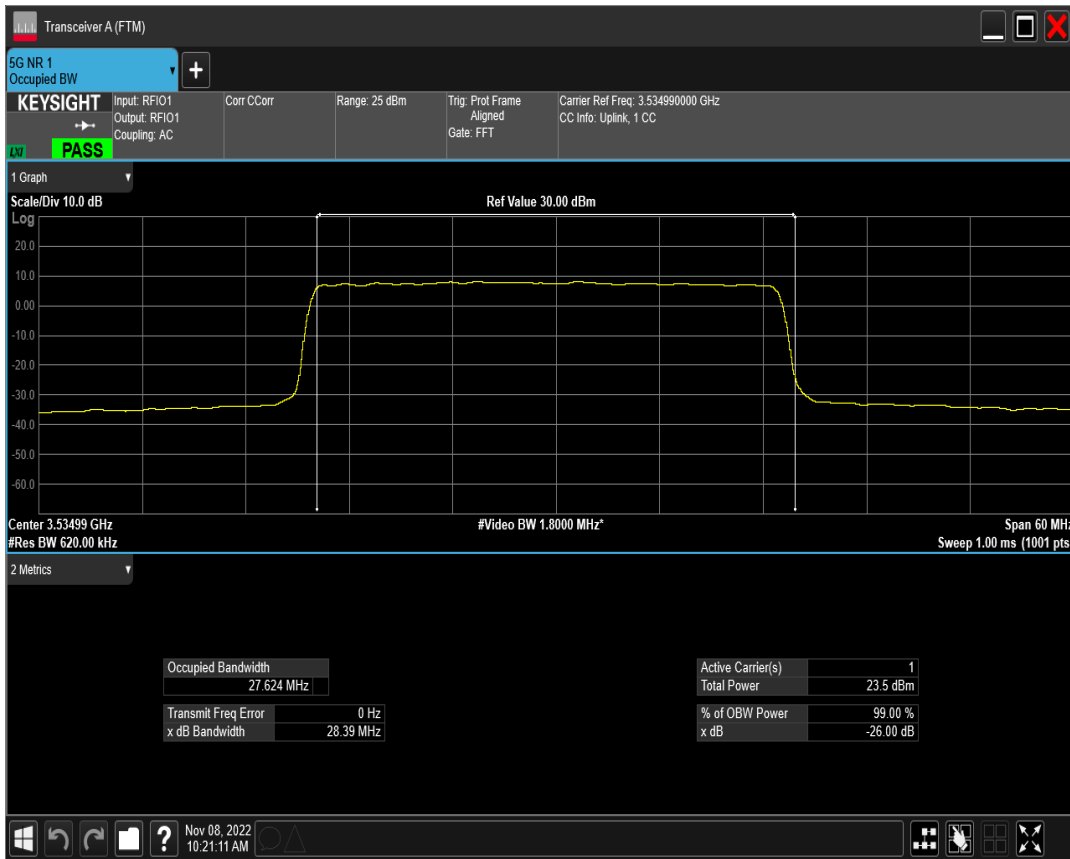
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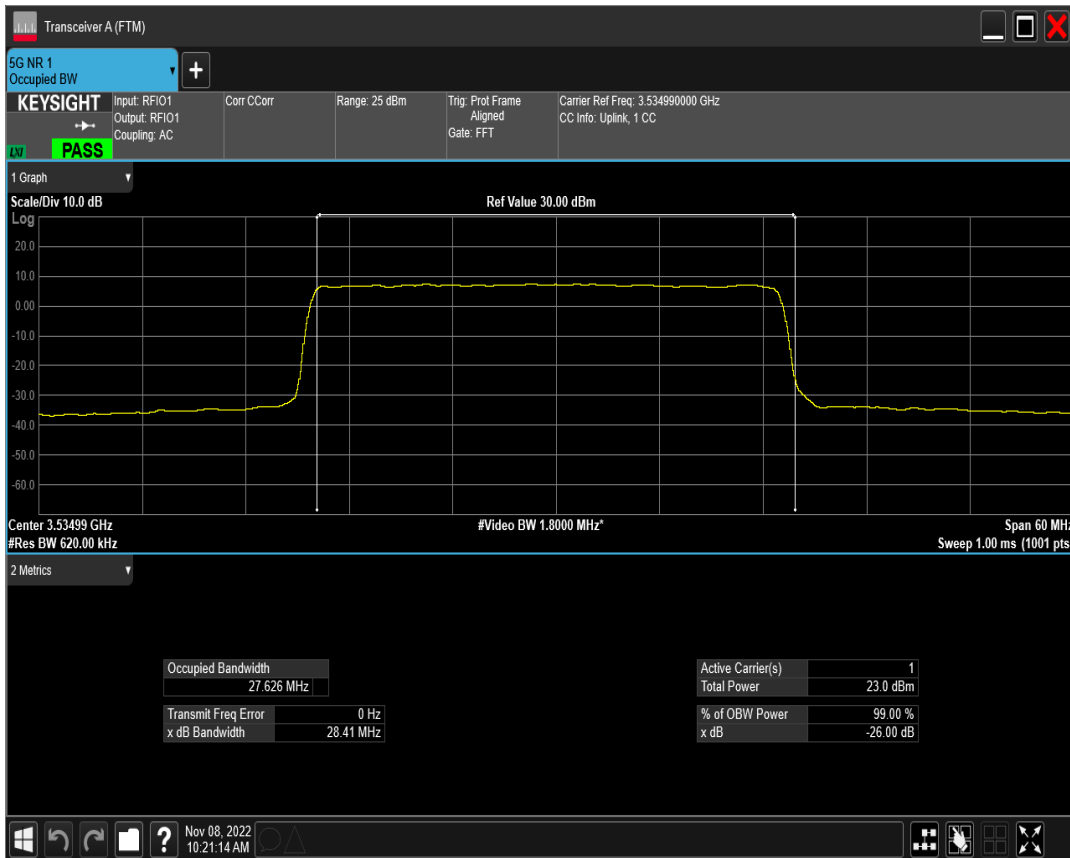
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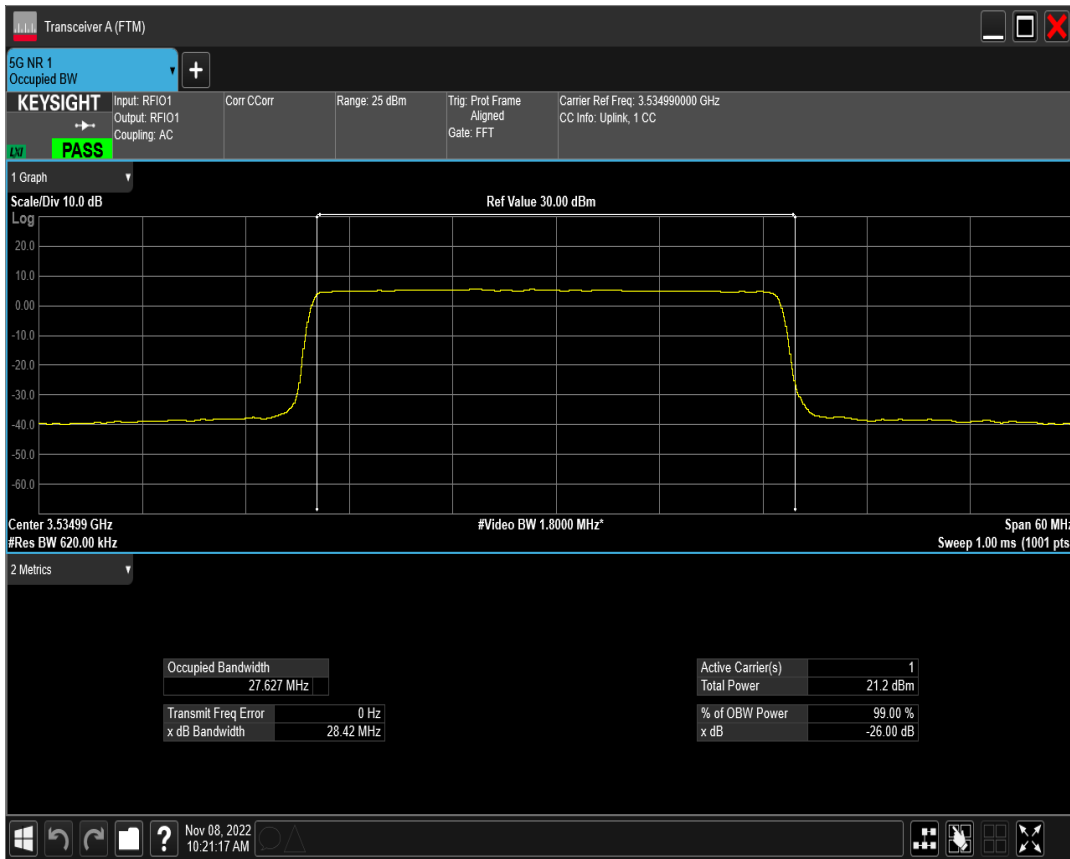
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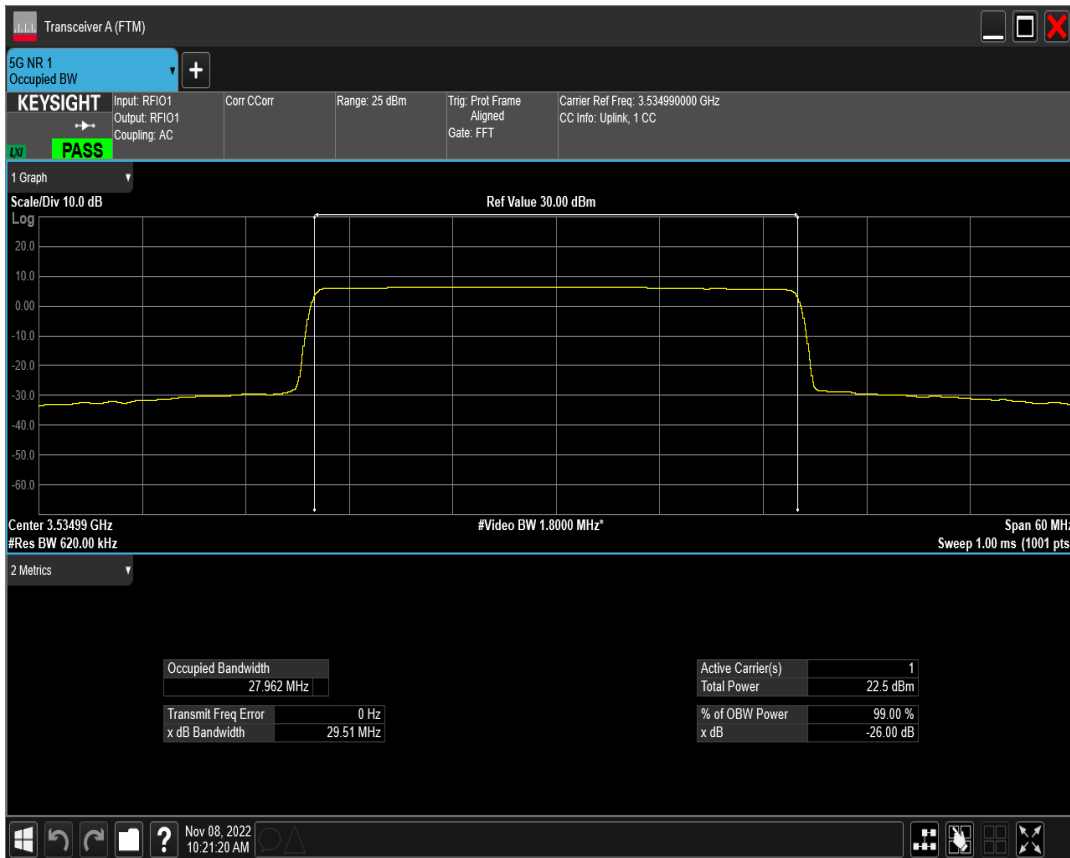
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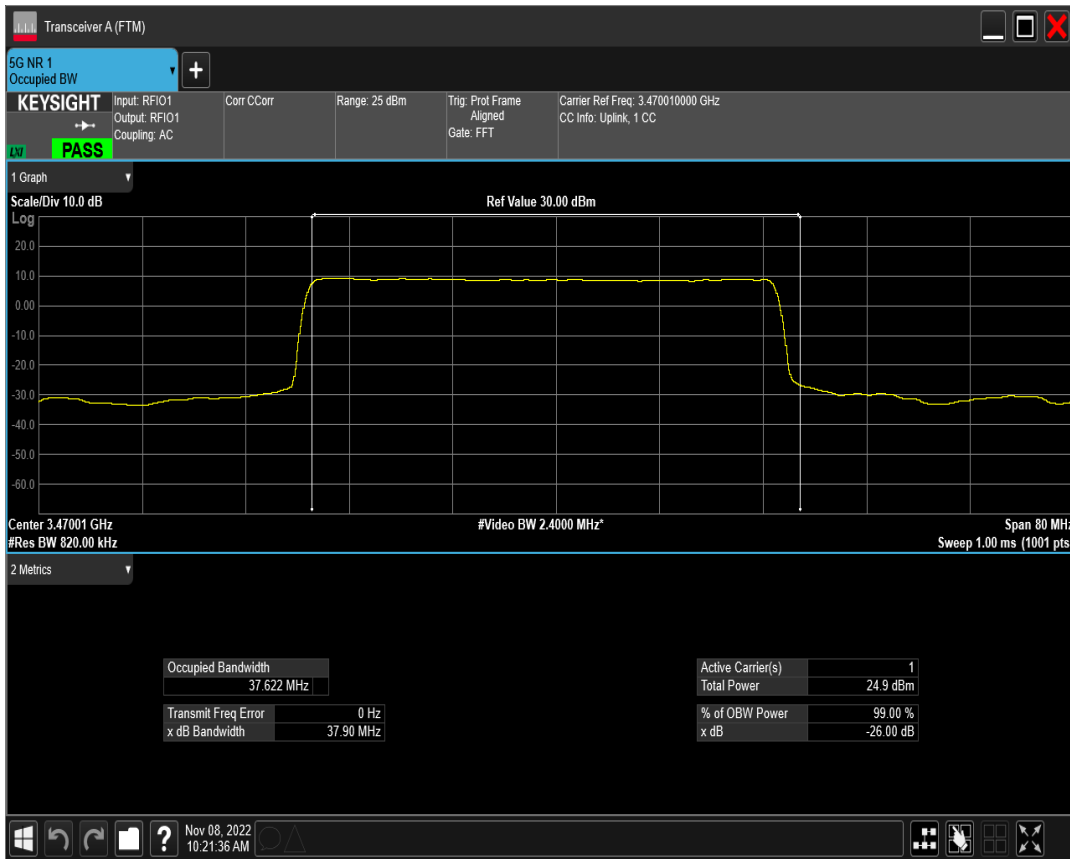
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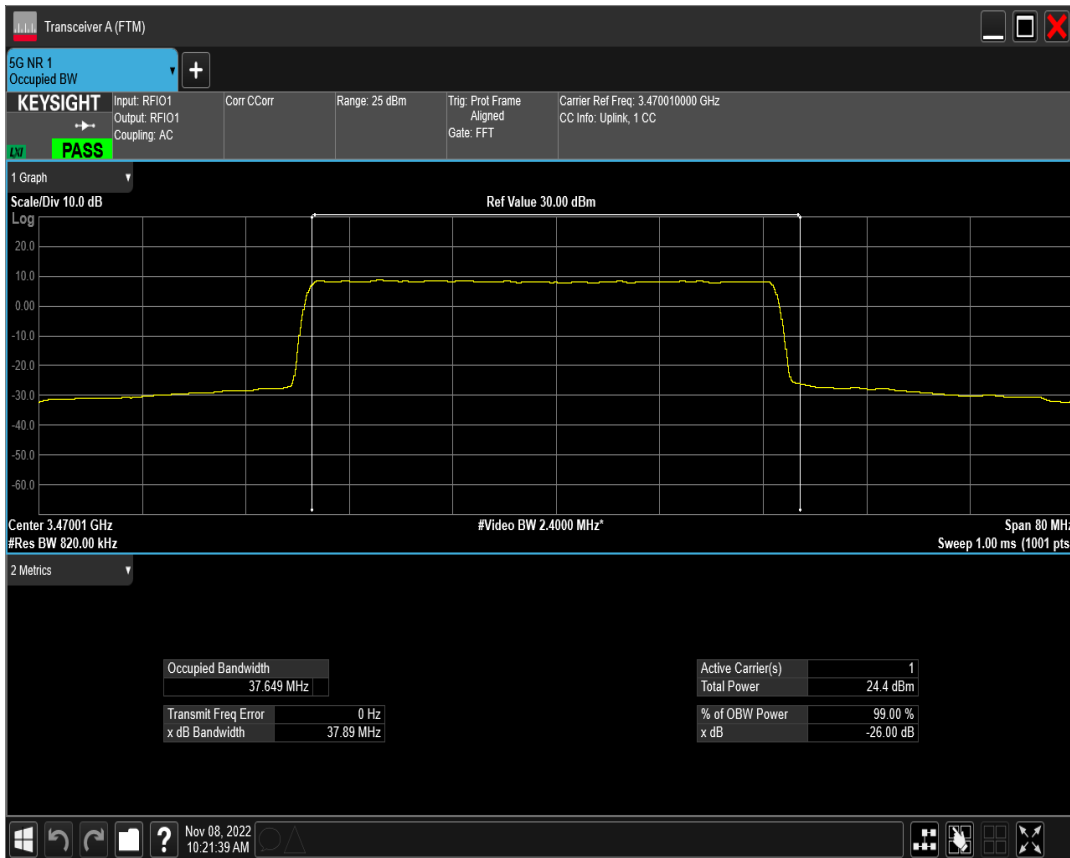
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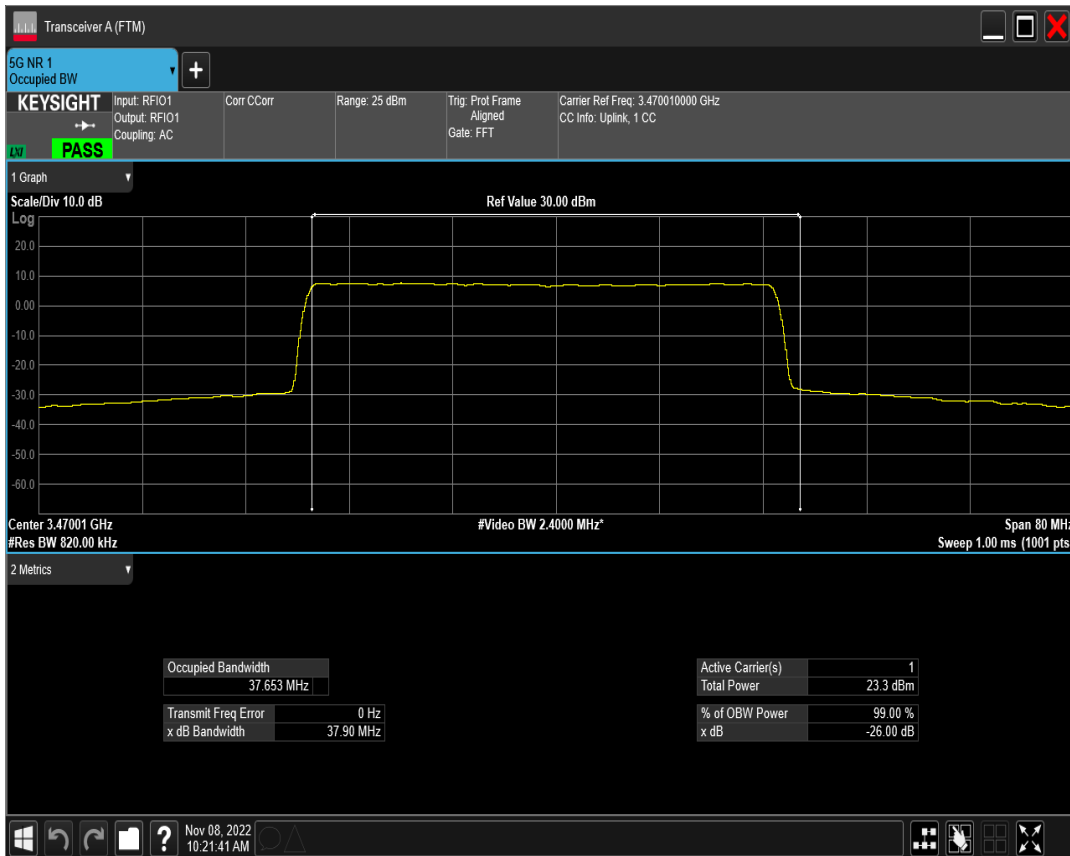
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n77(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=631334 RB=100@0



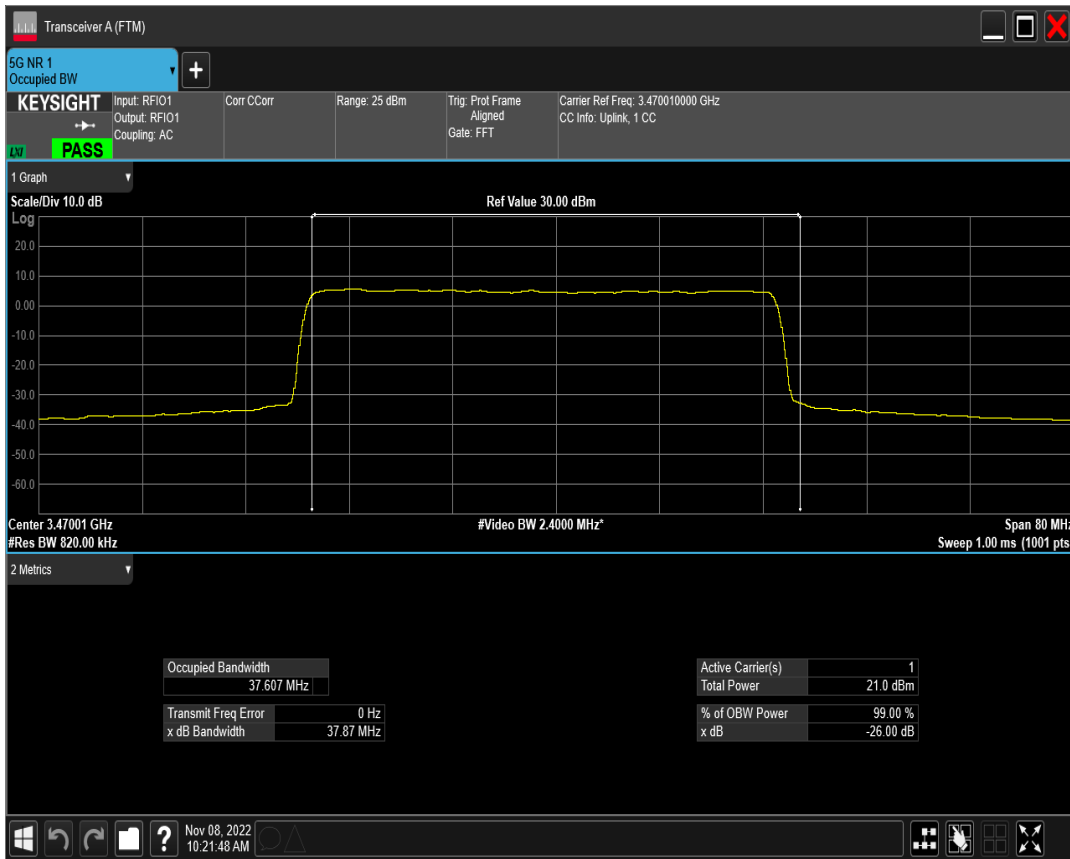
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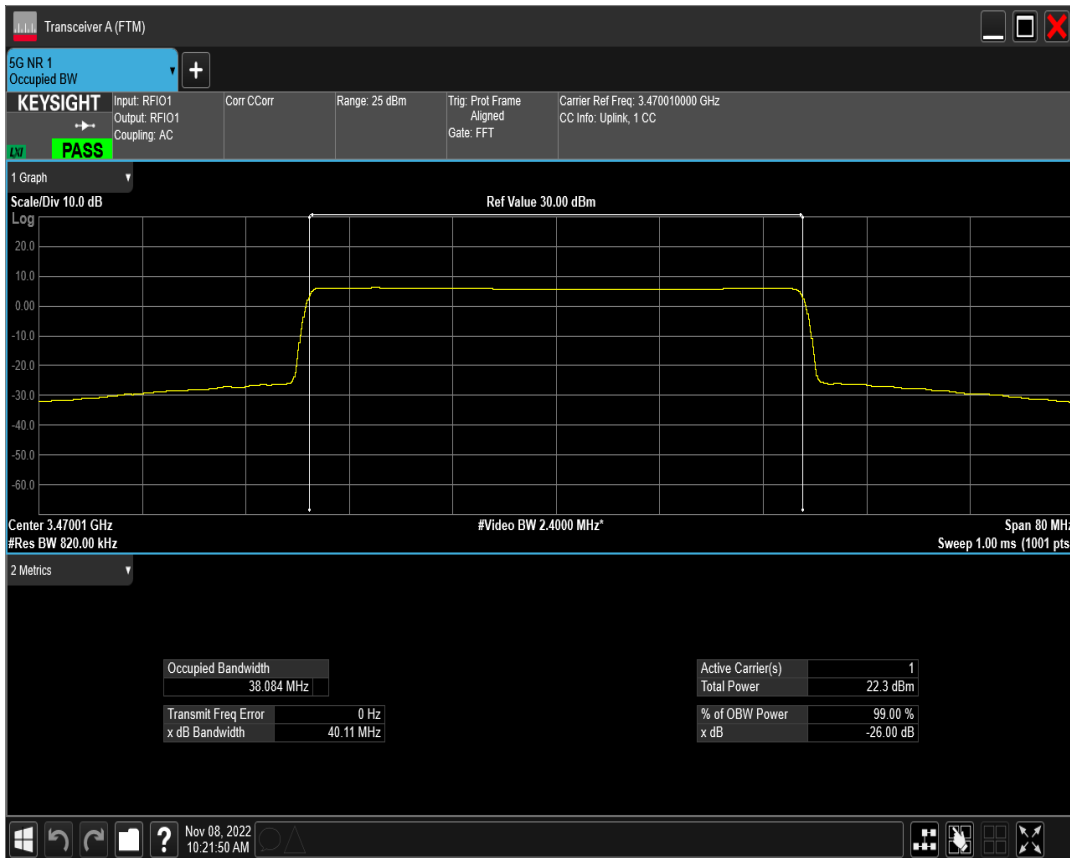
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=631334 RB=100@0

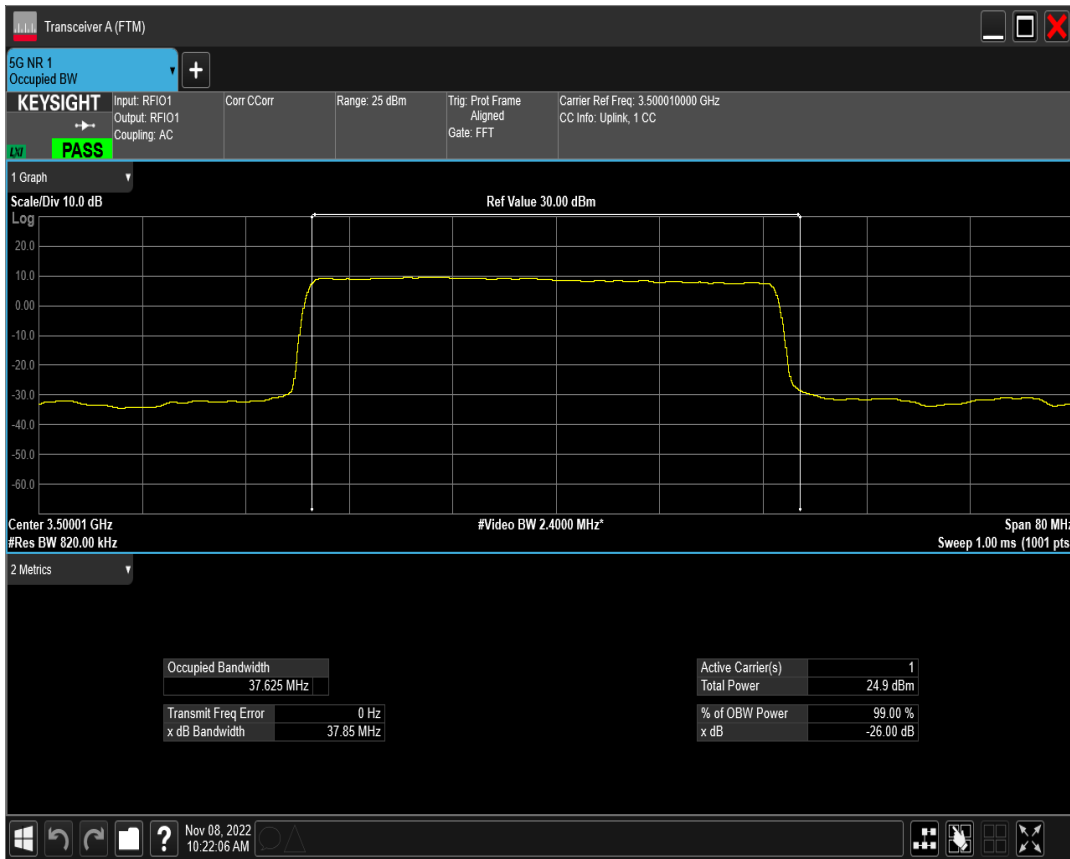


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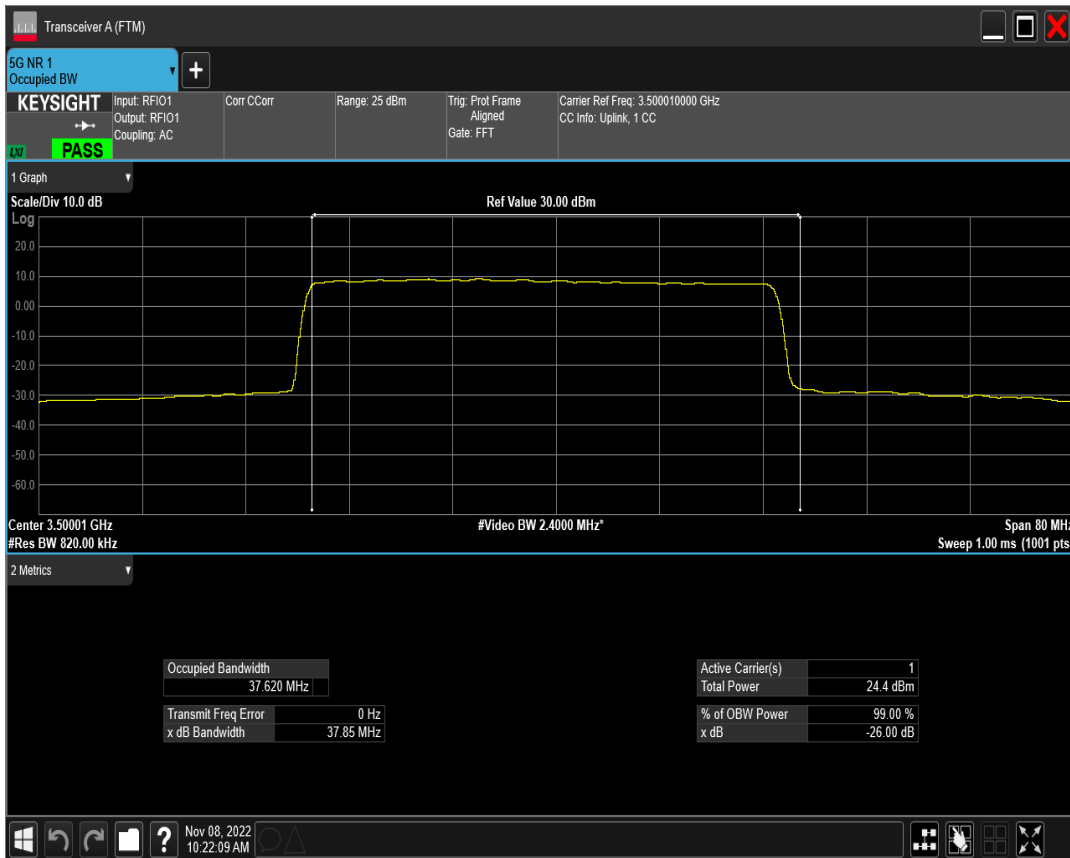




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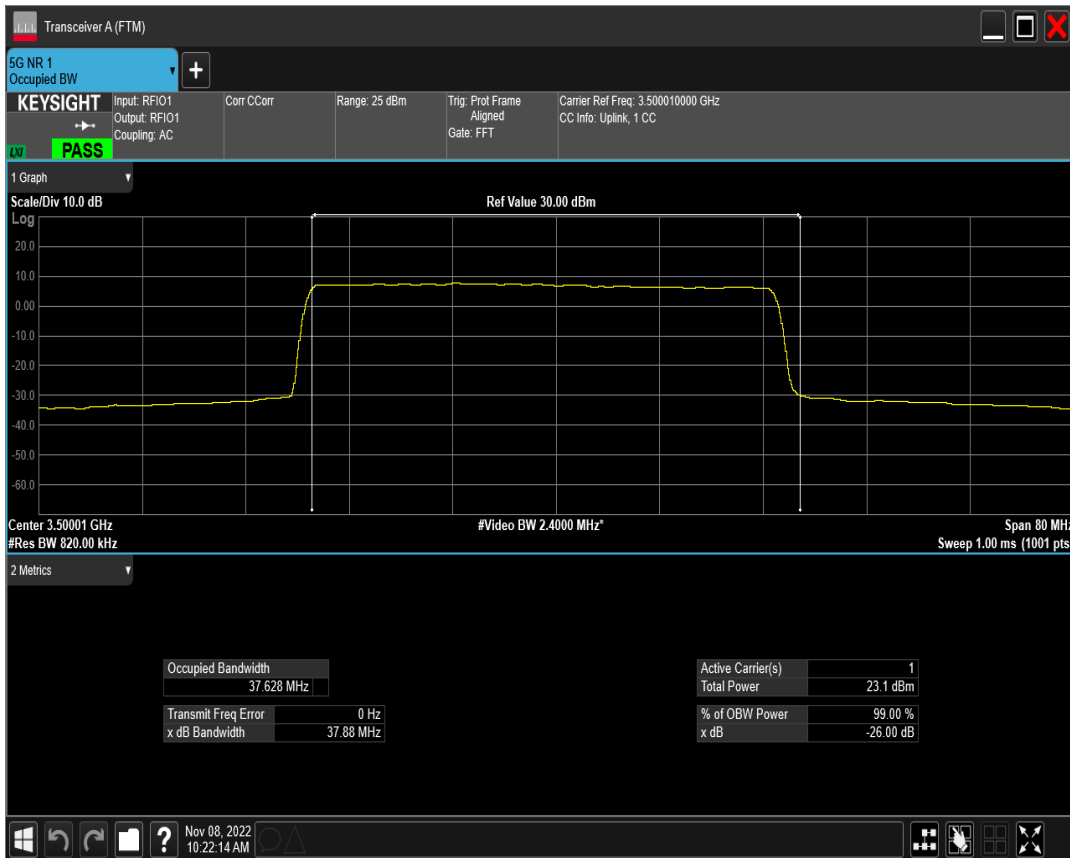
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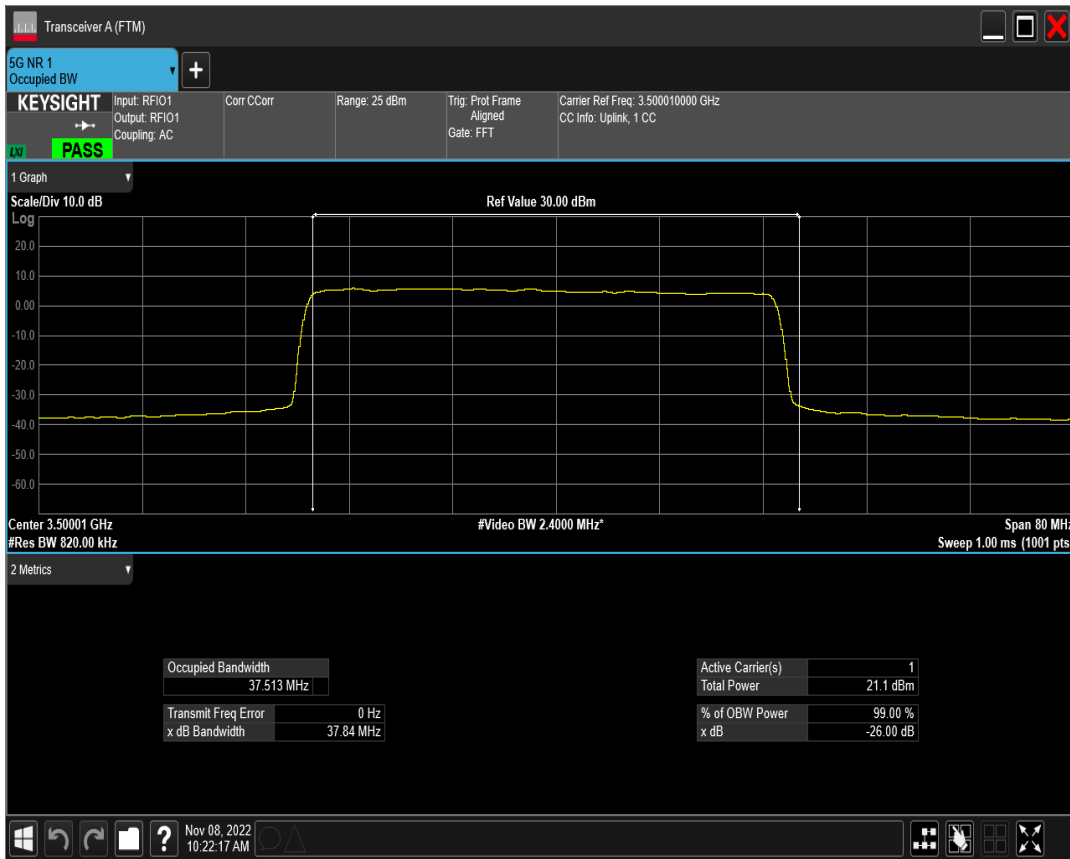
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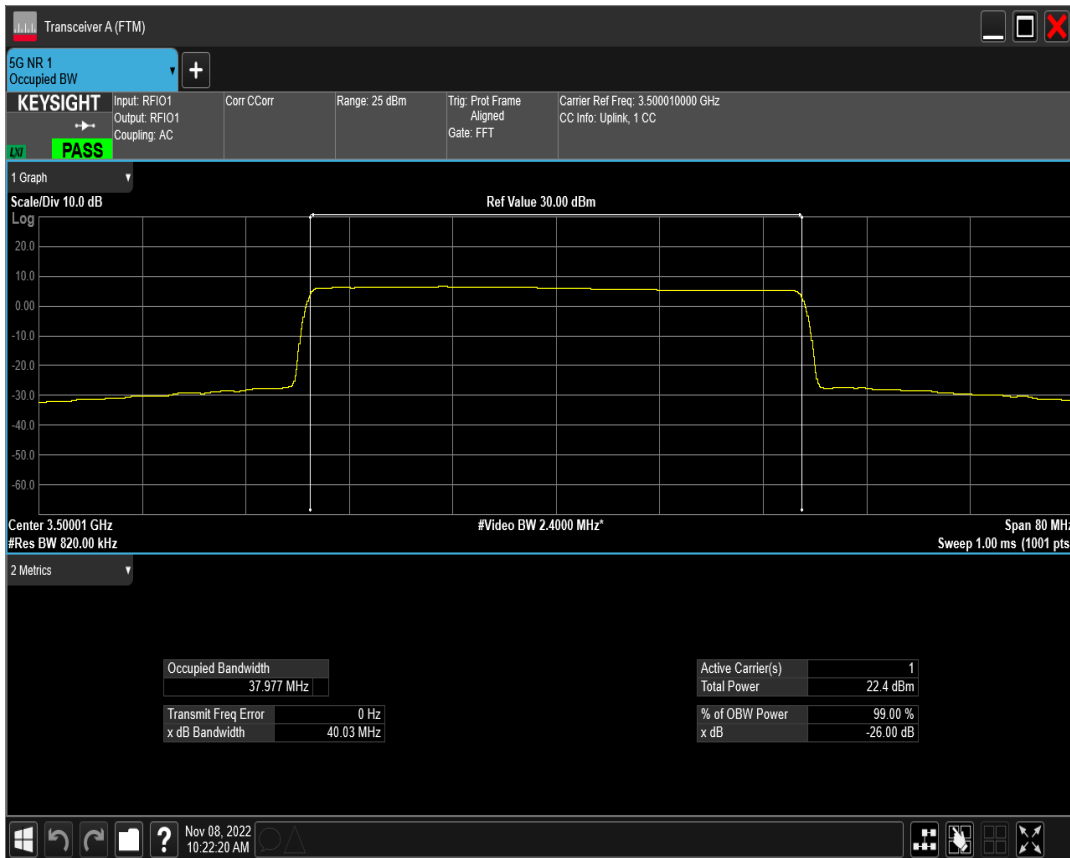
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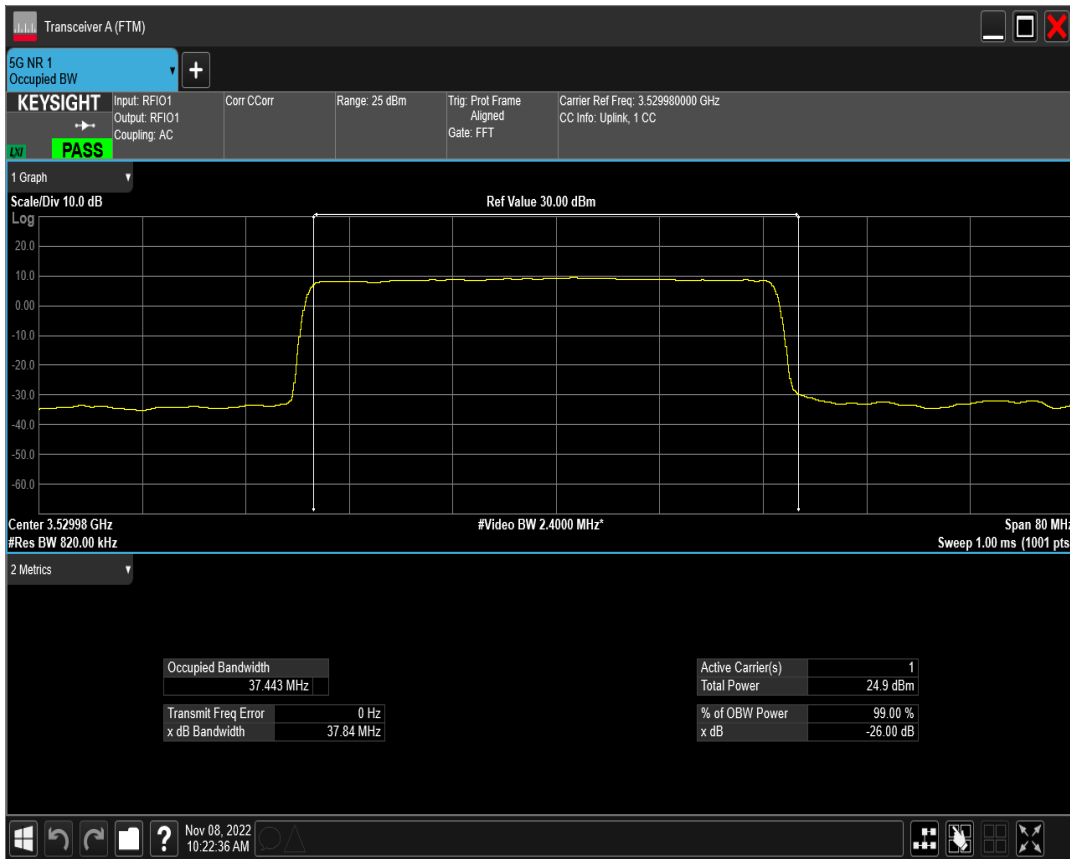
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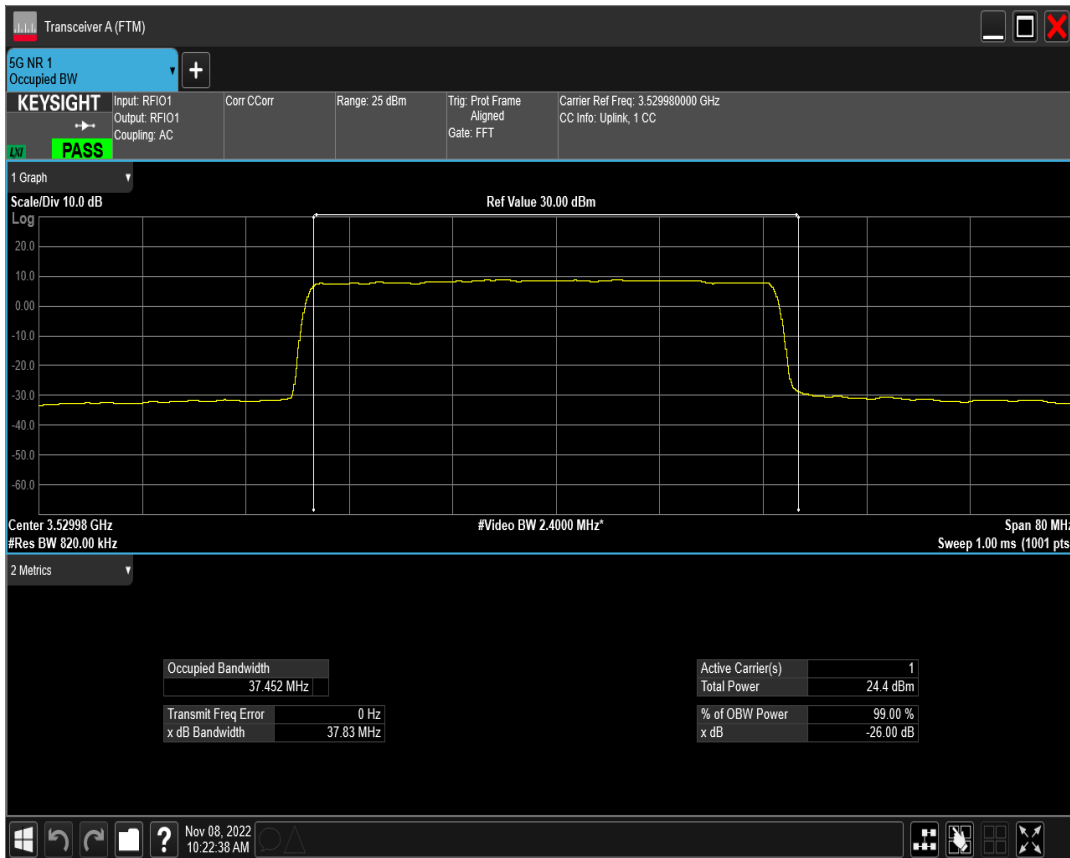
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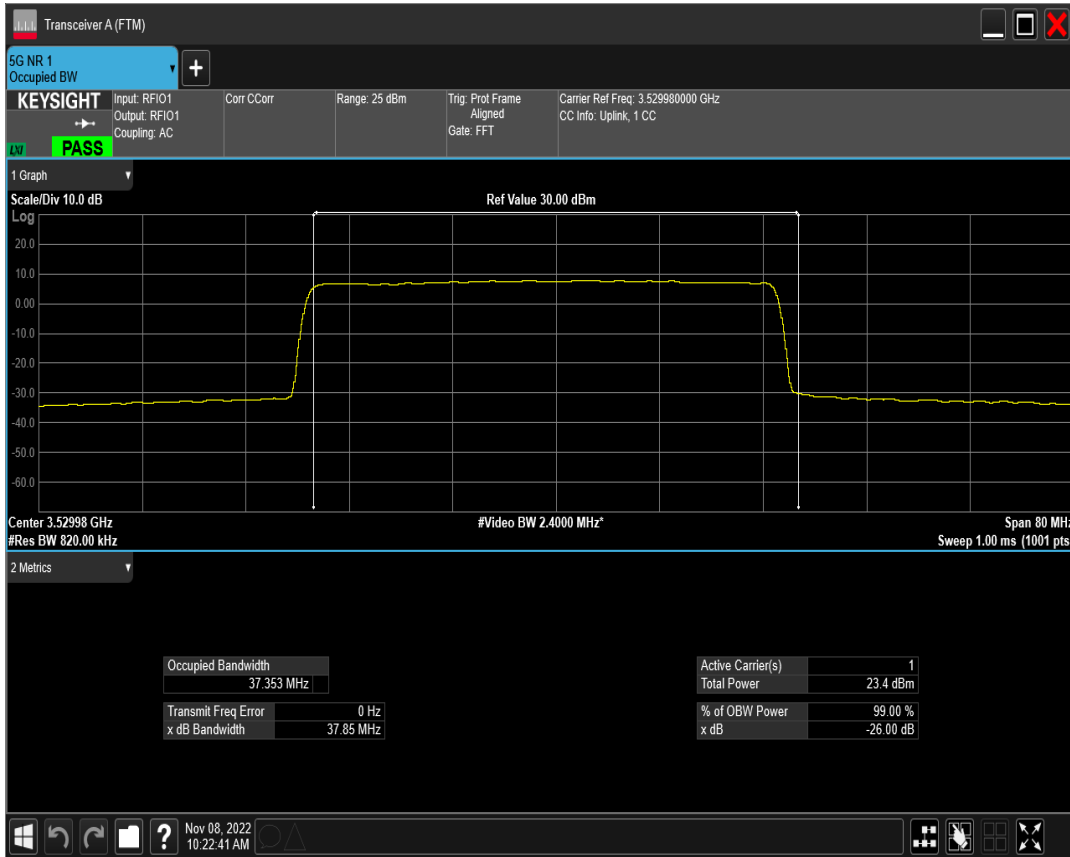
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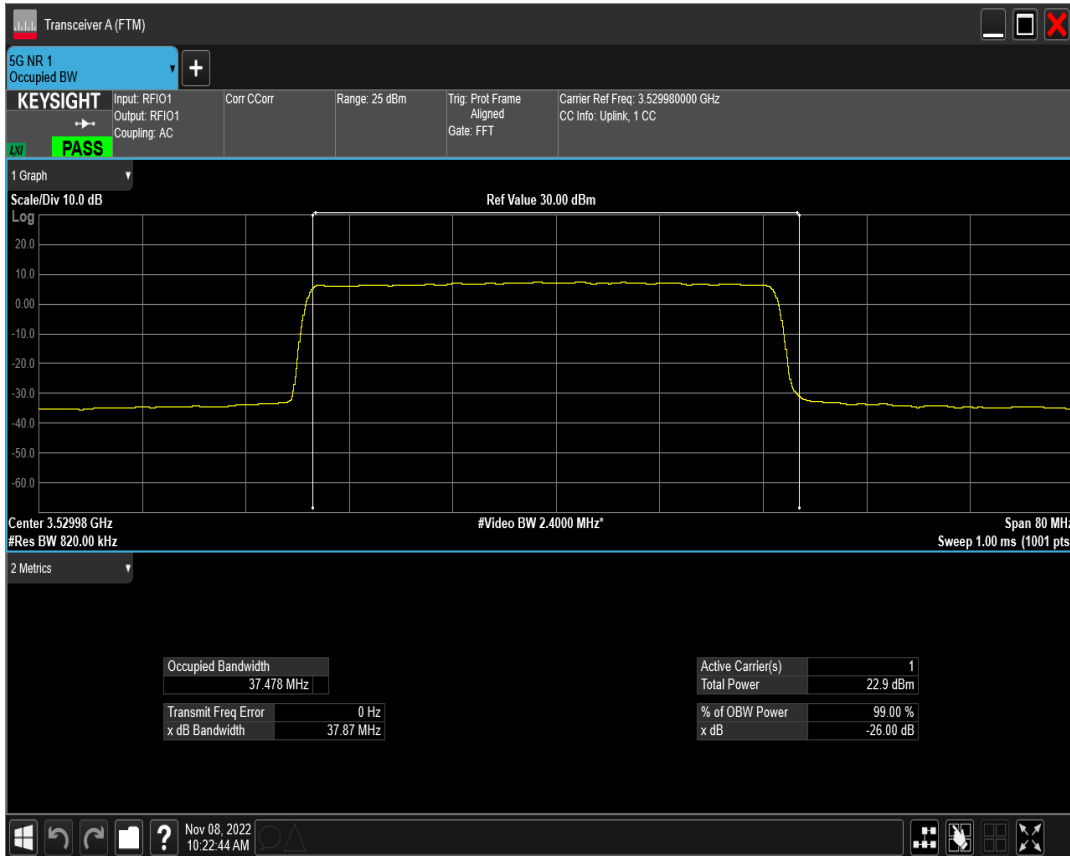
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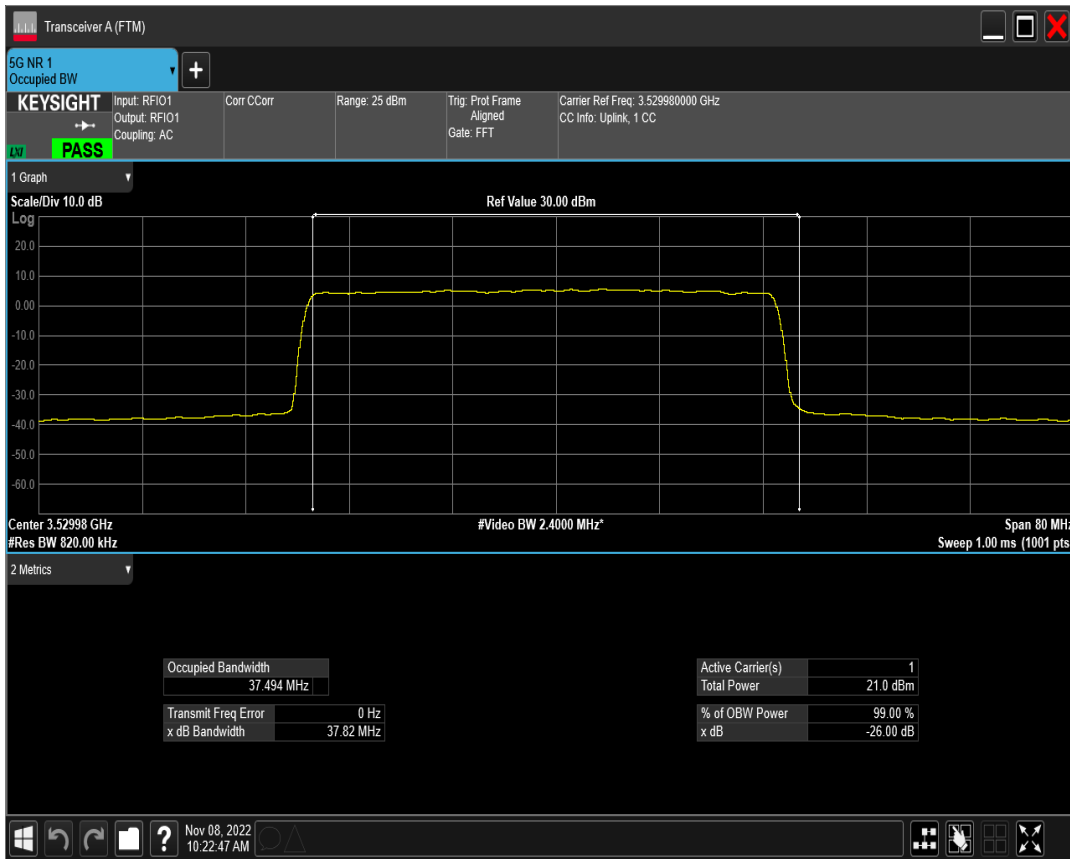
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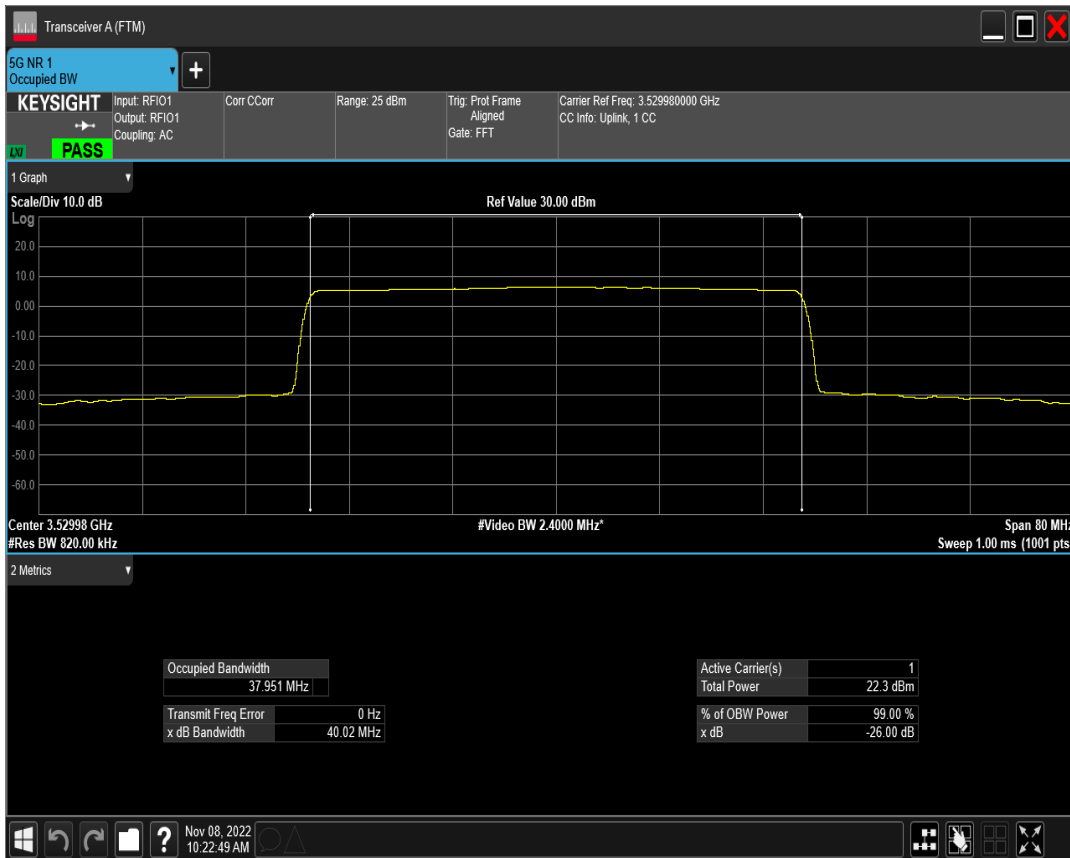
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0



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



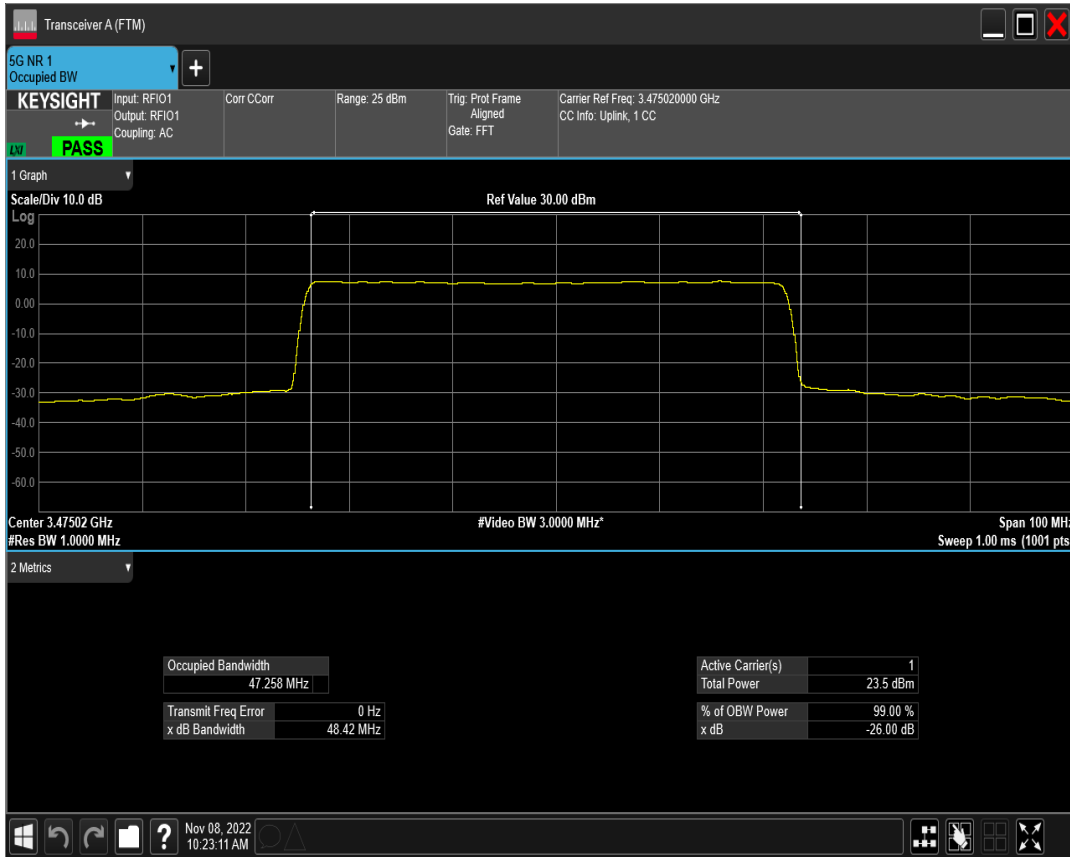
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=631668 RB=128@0



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



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=631668 RB=128@0

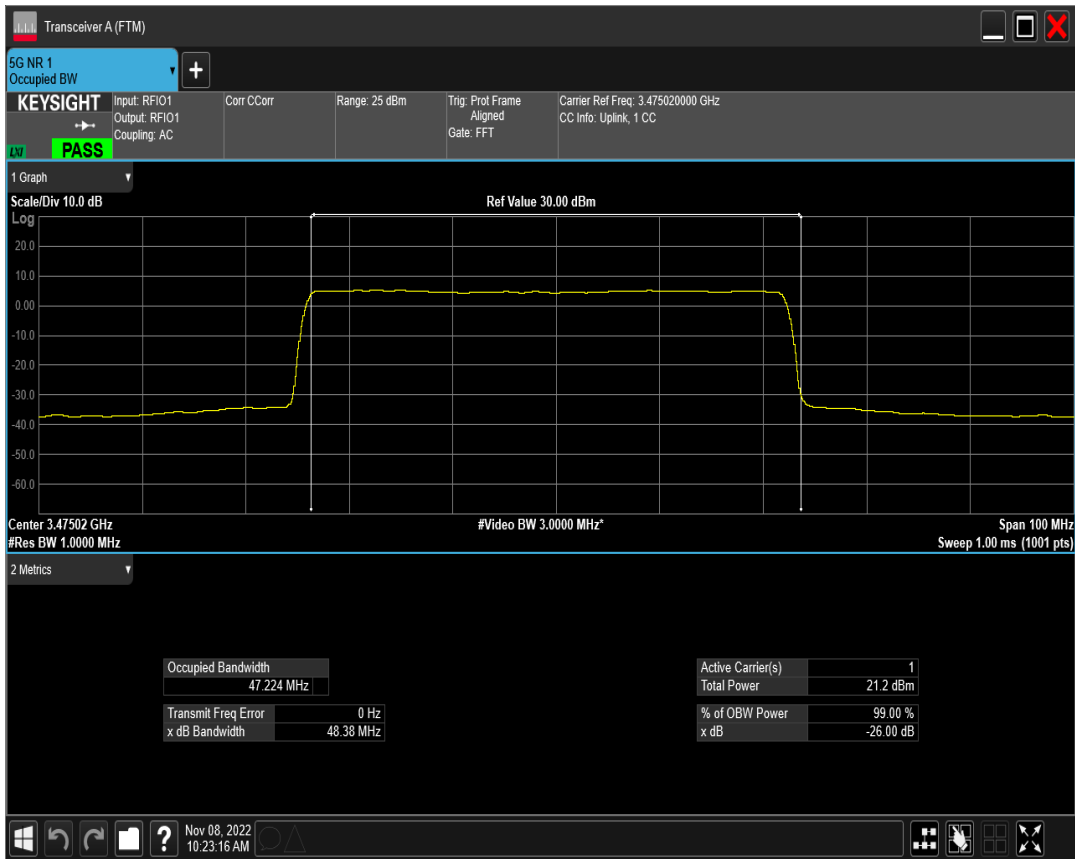


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=128@0

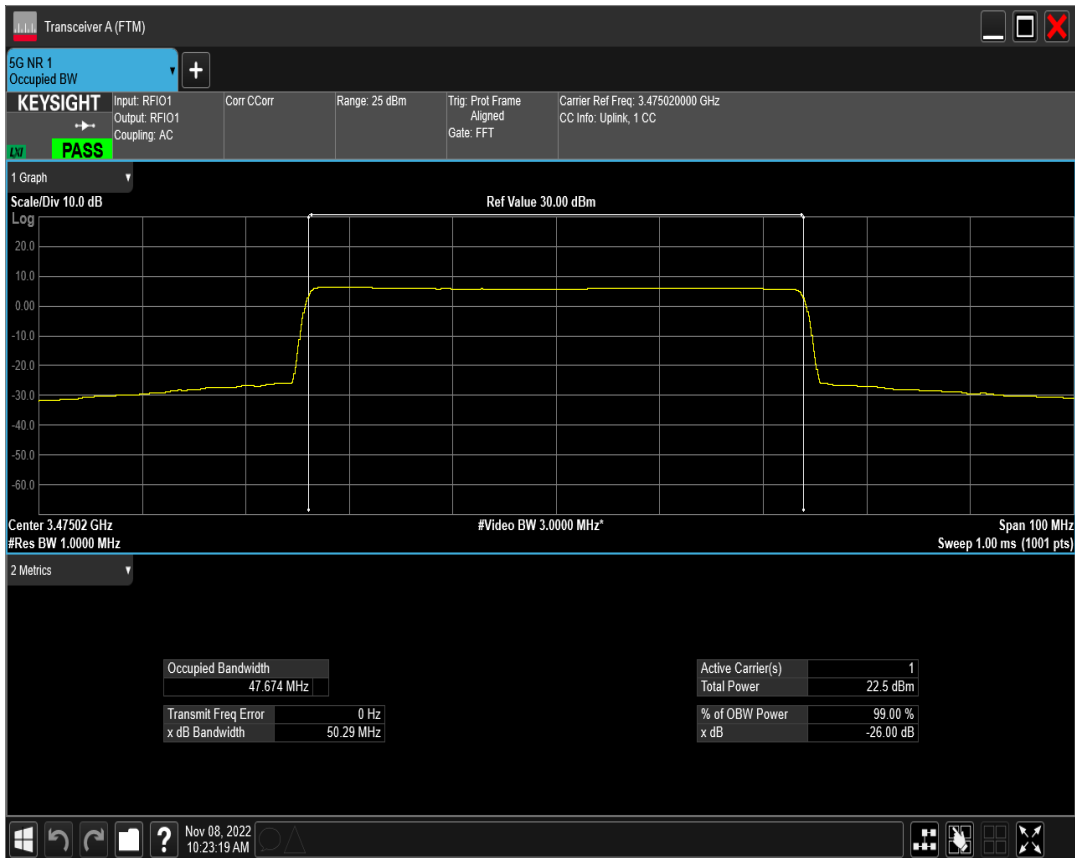




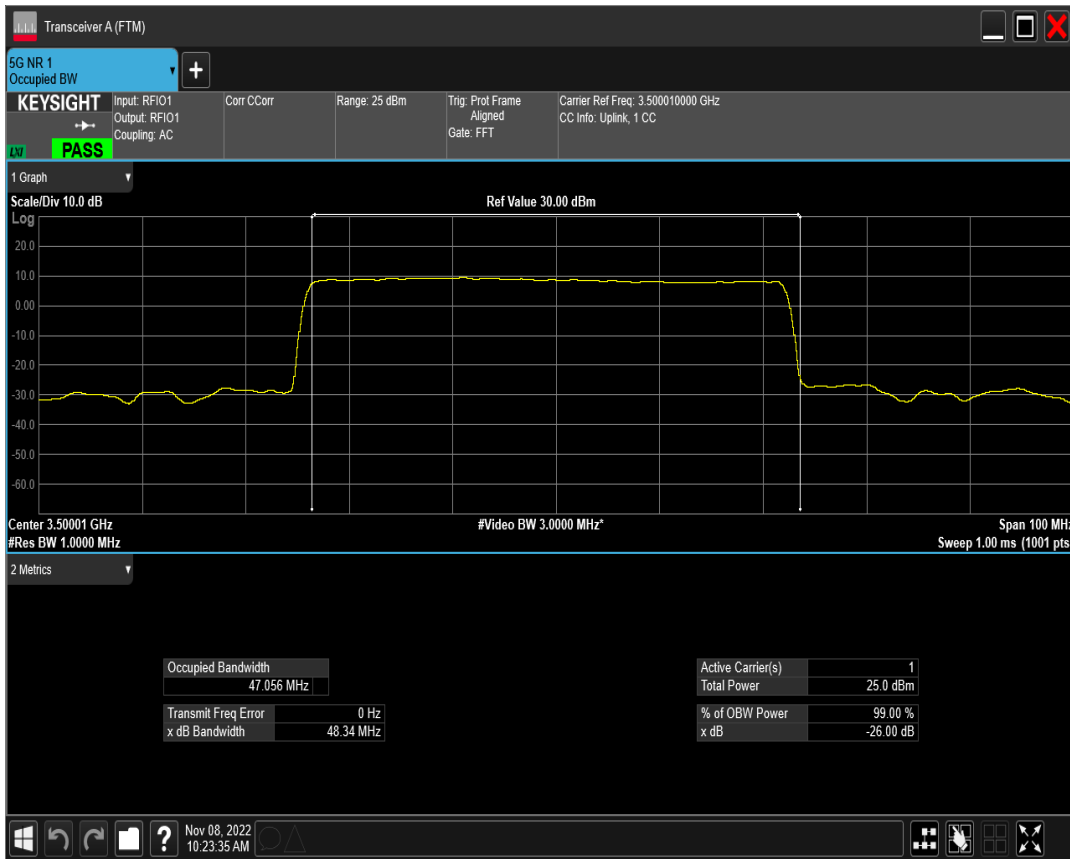
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n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0



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



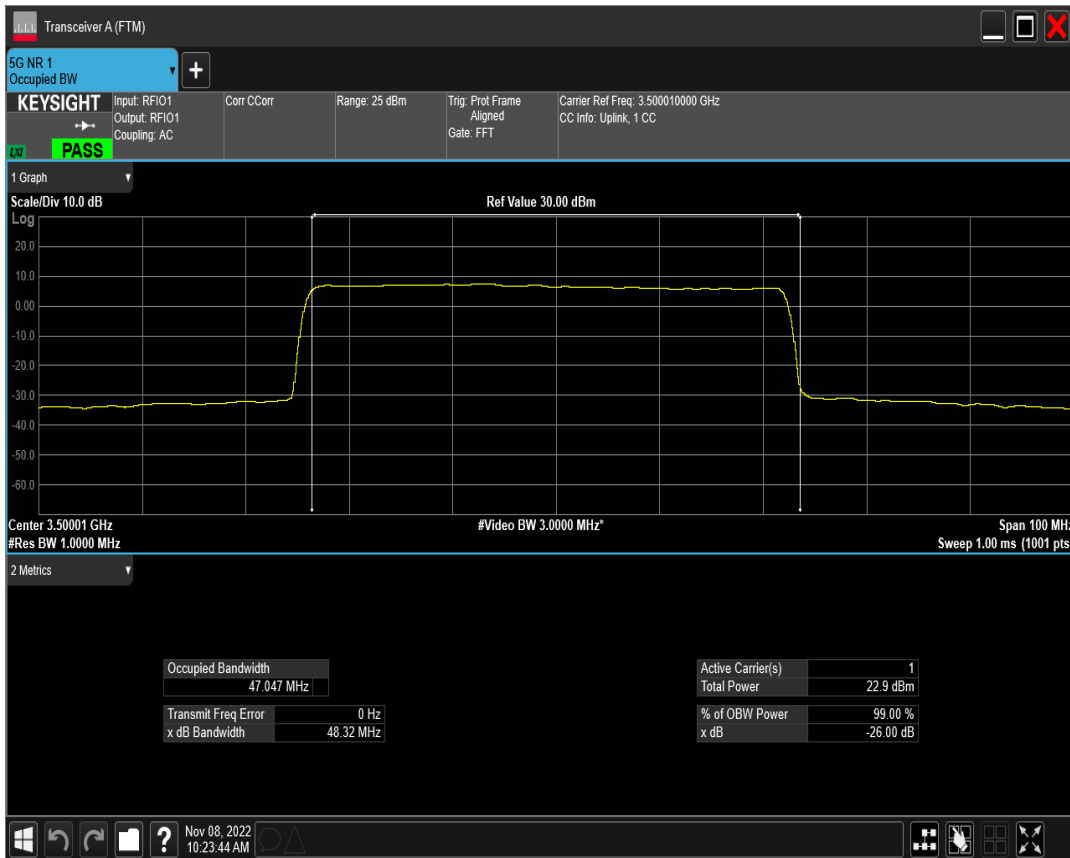
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n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=128@0



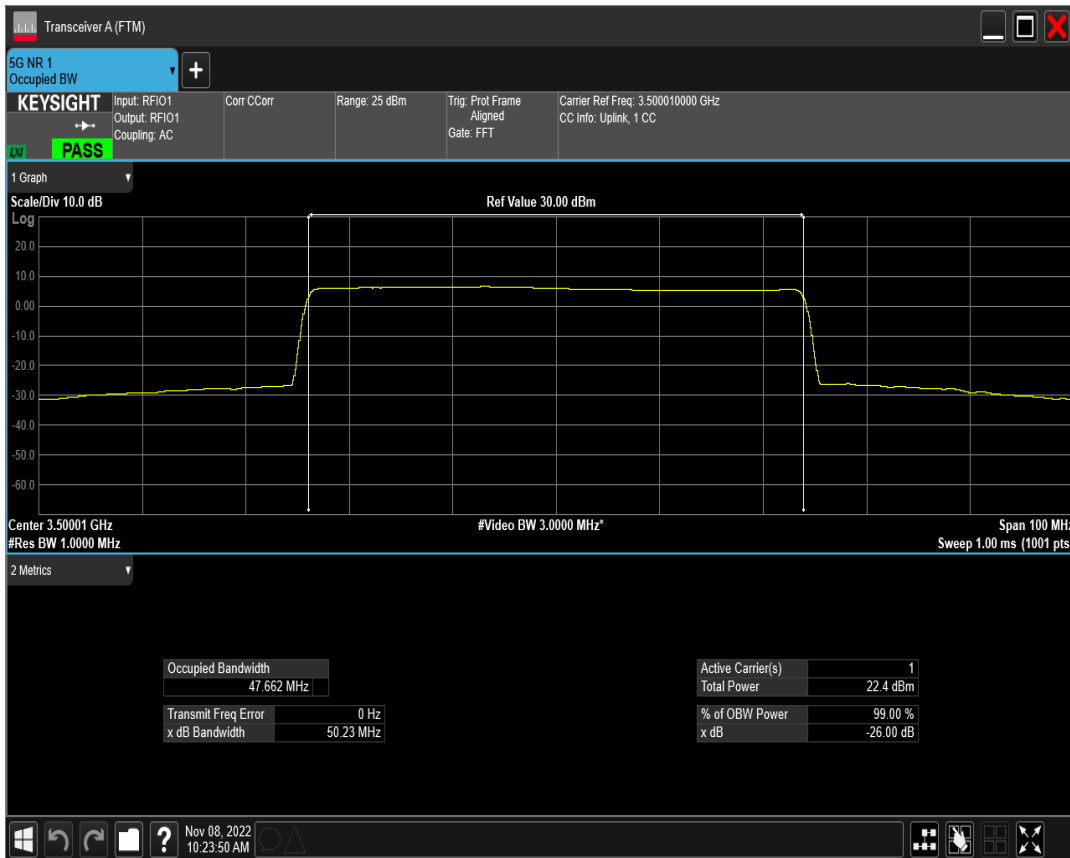
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0



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



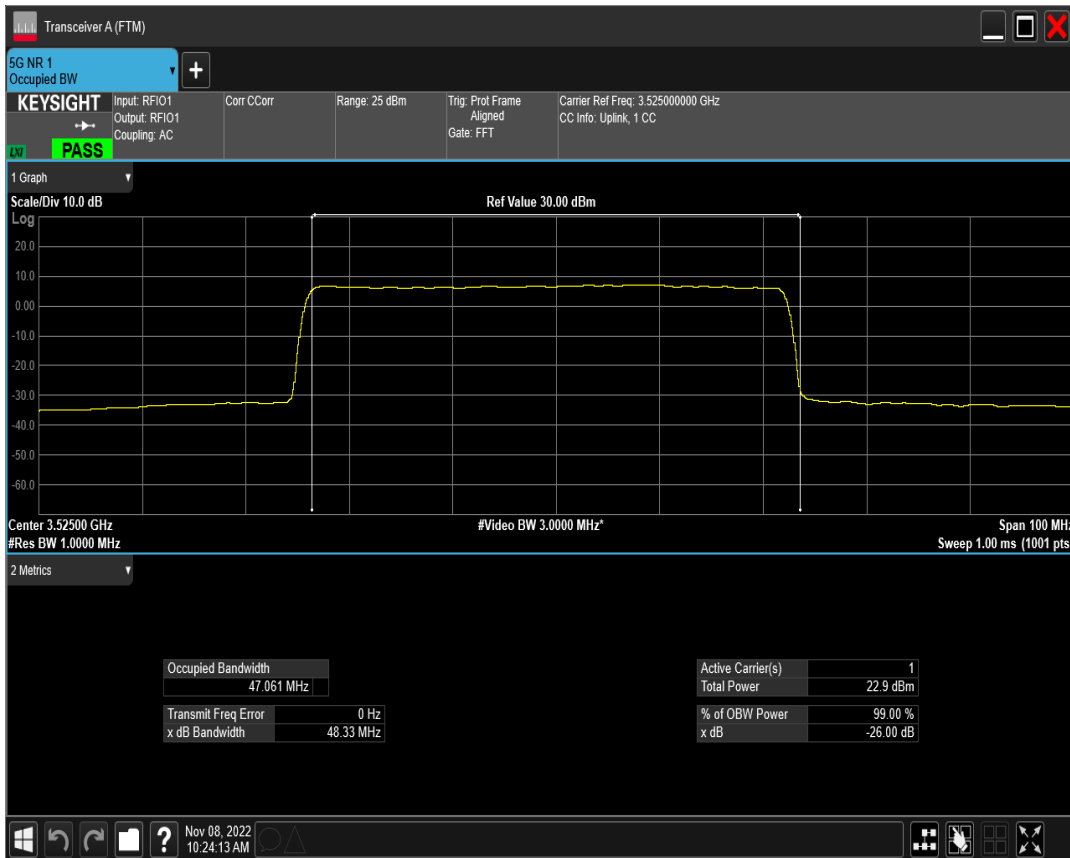
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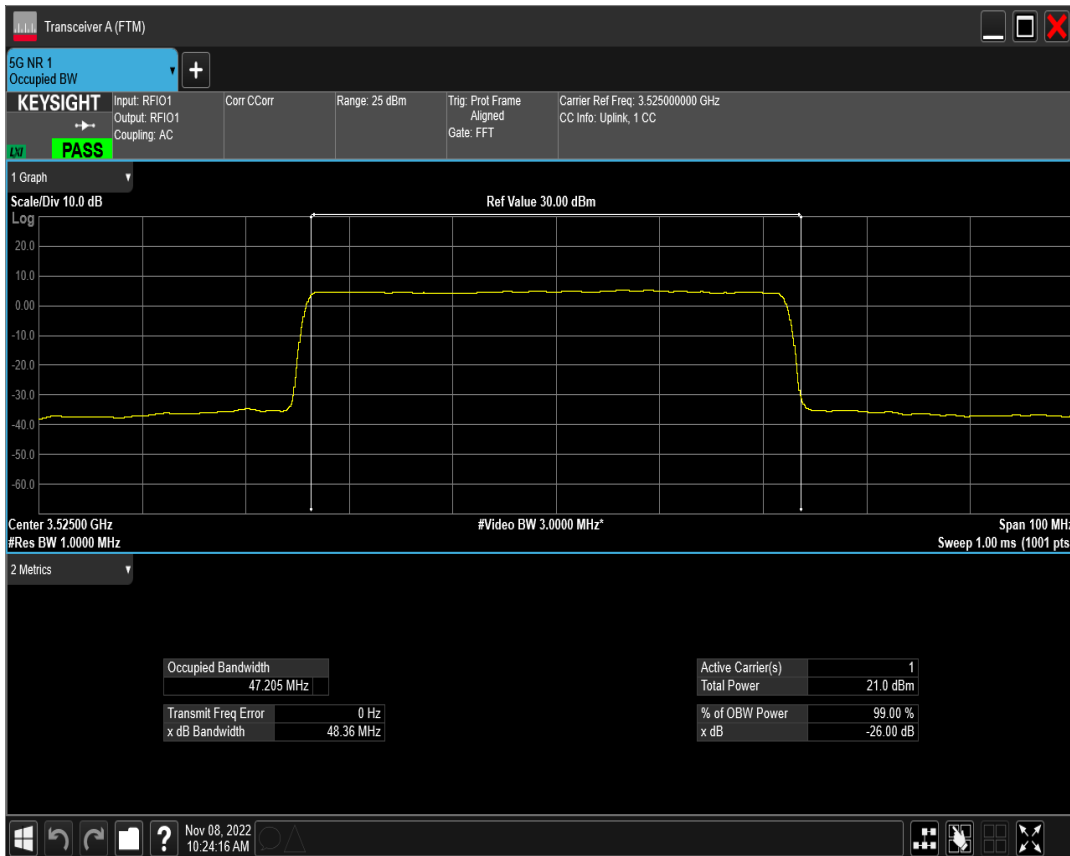
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n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0



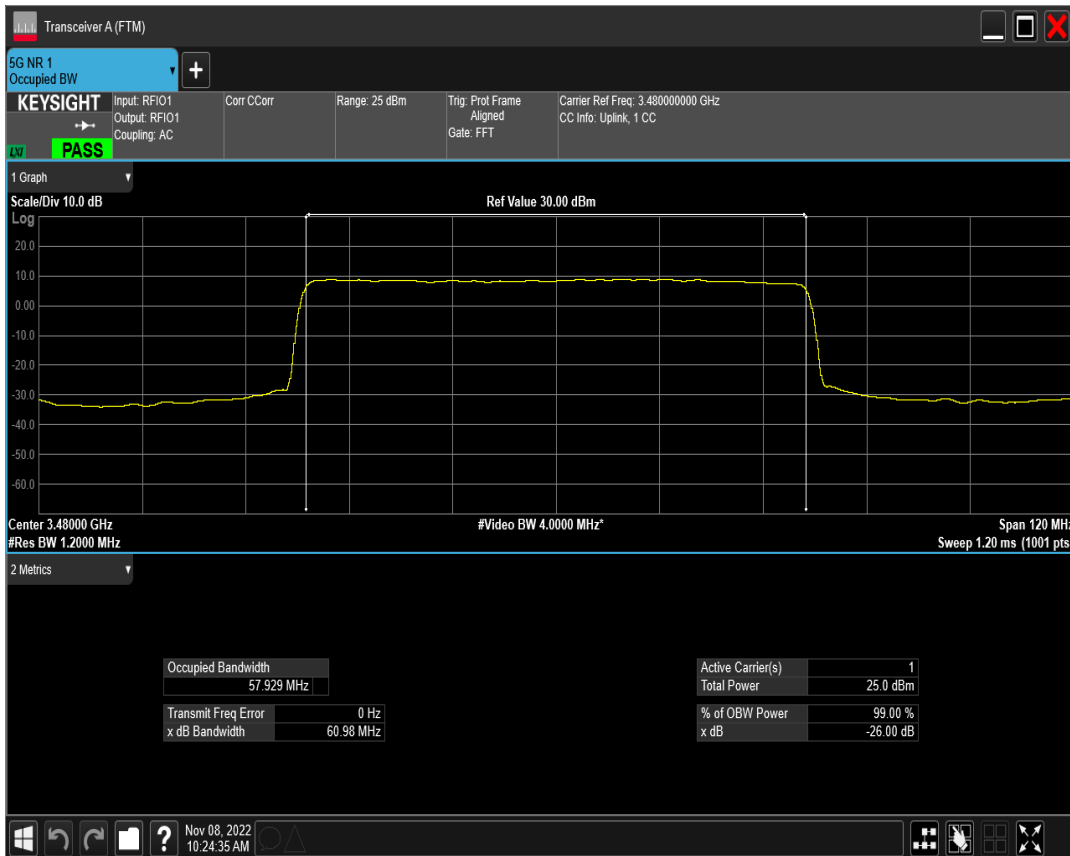
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n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0



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

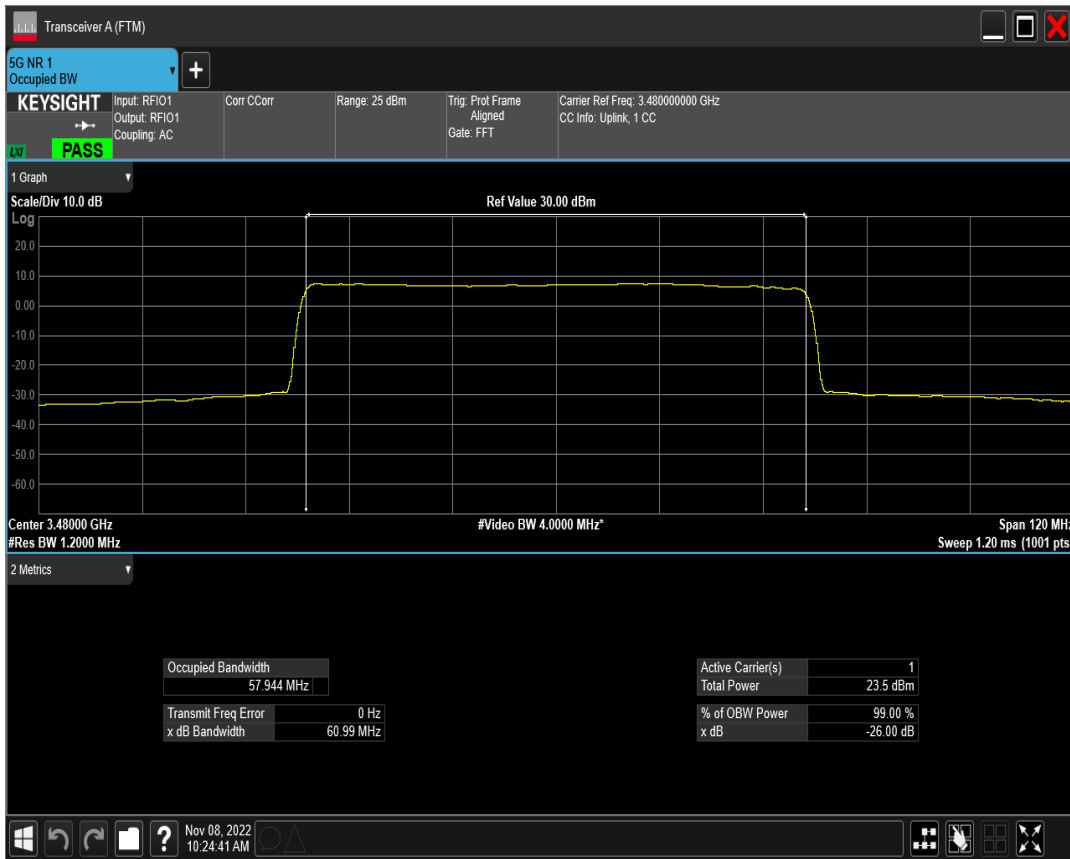


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0





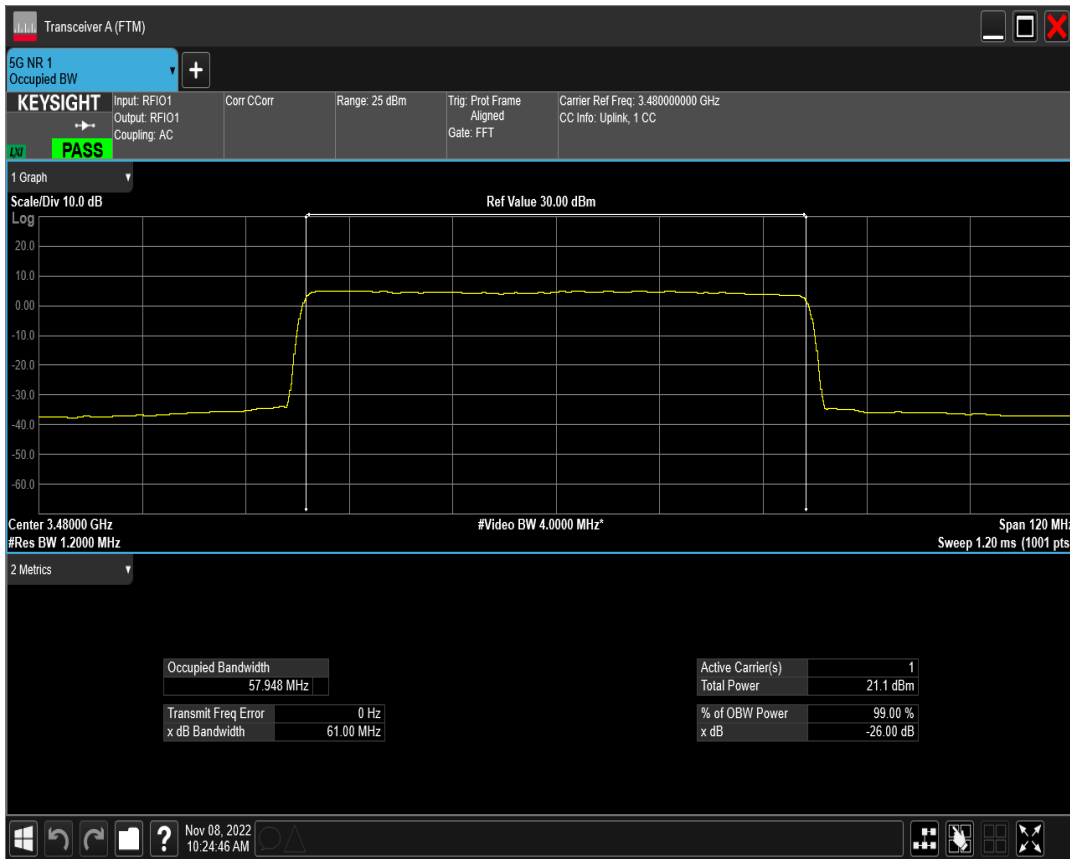
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n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162@0



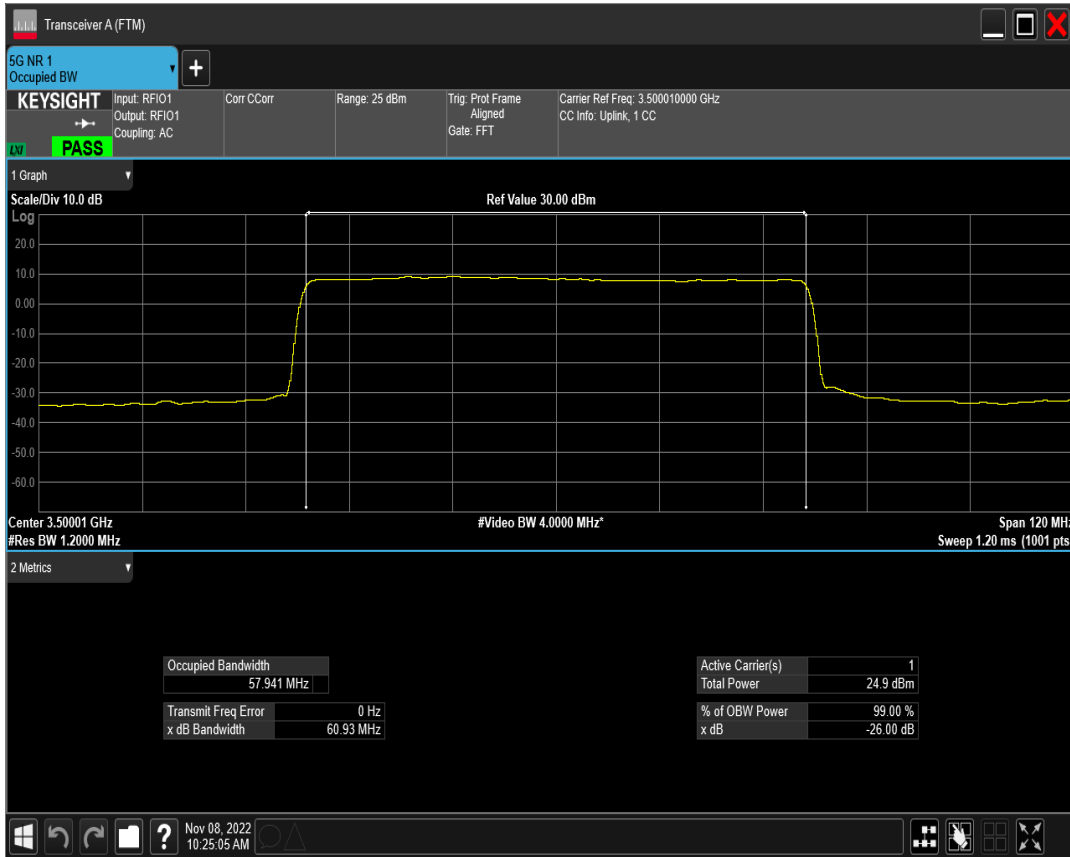
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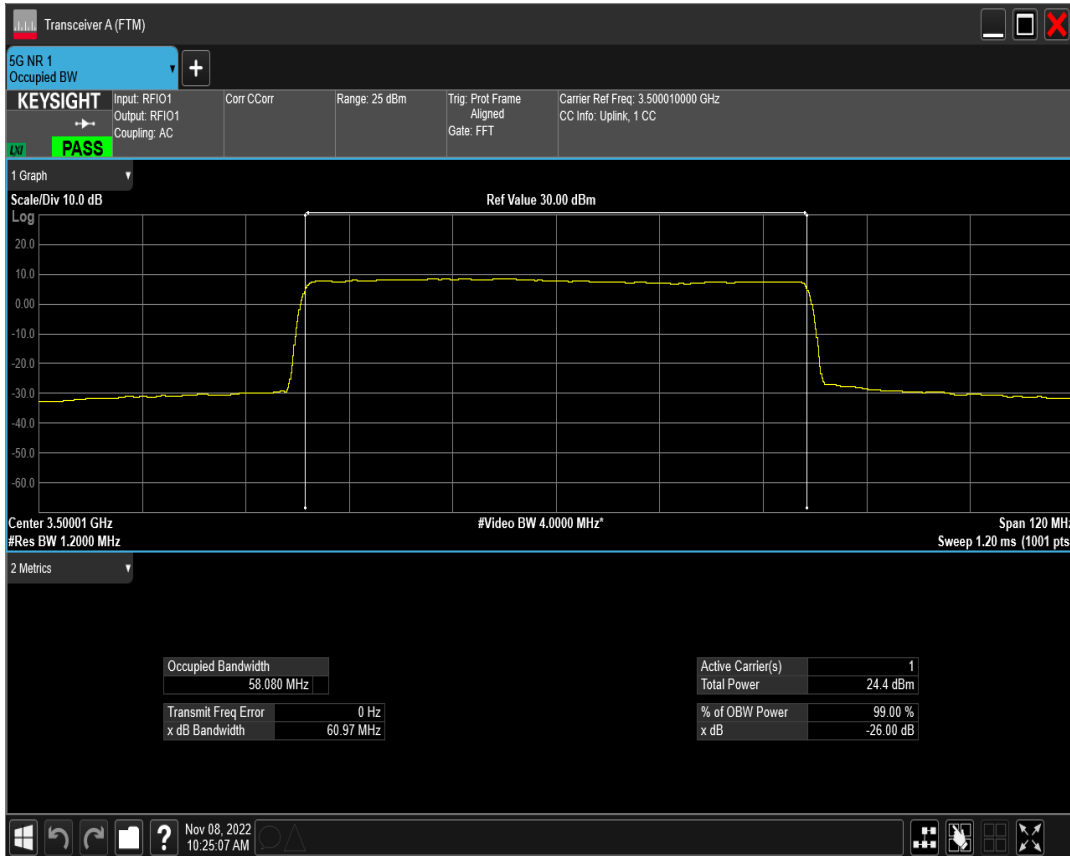
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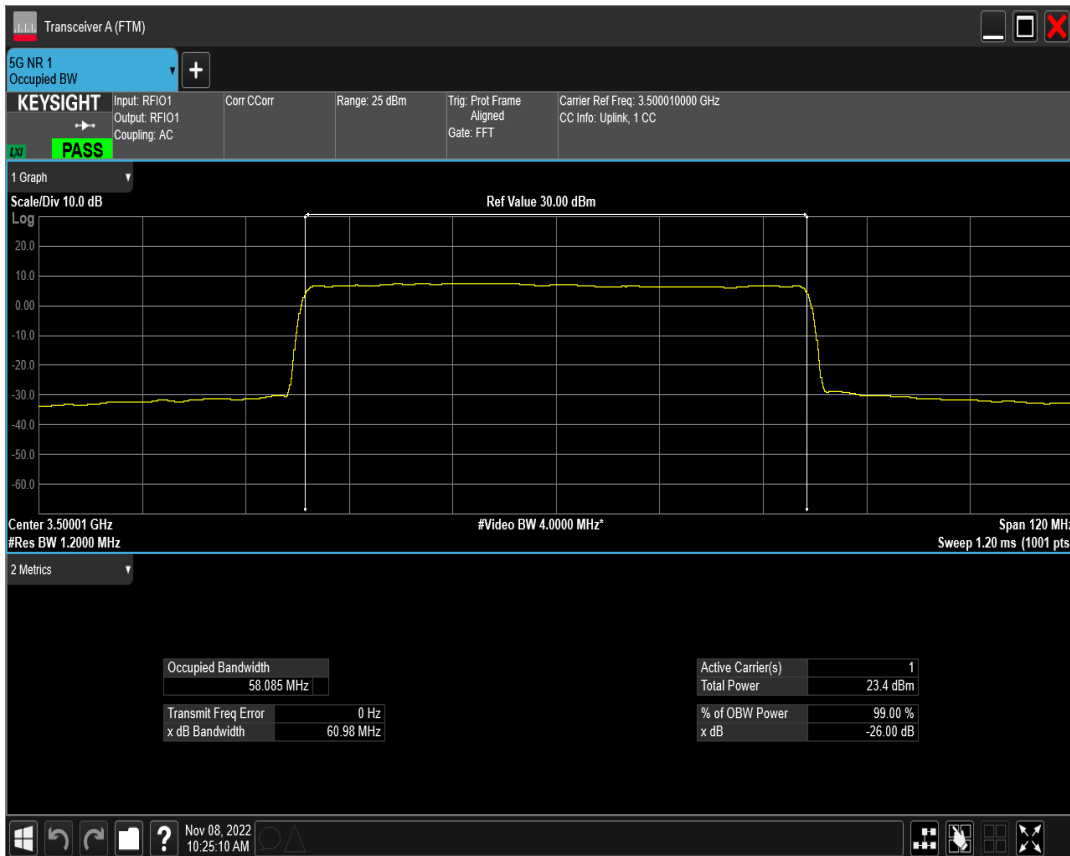
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=633334 RB=162@0



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



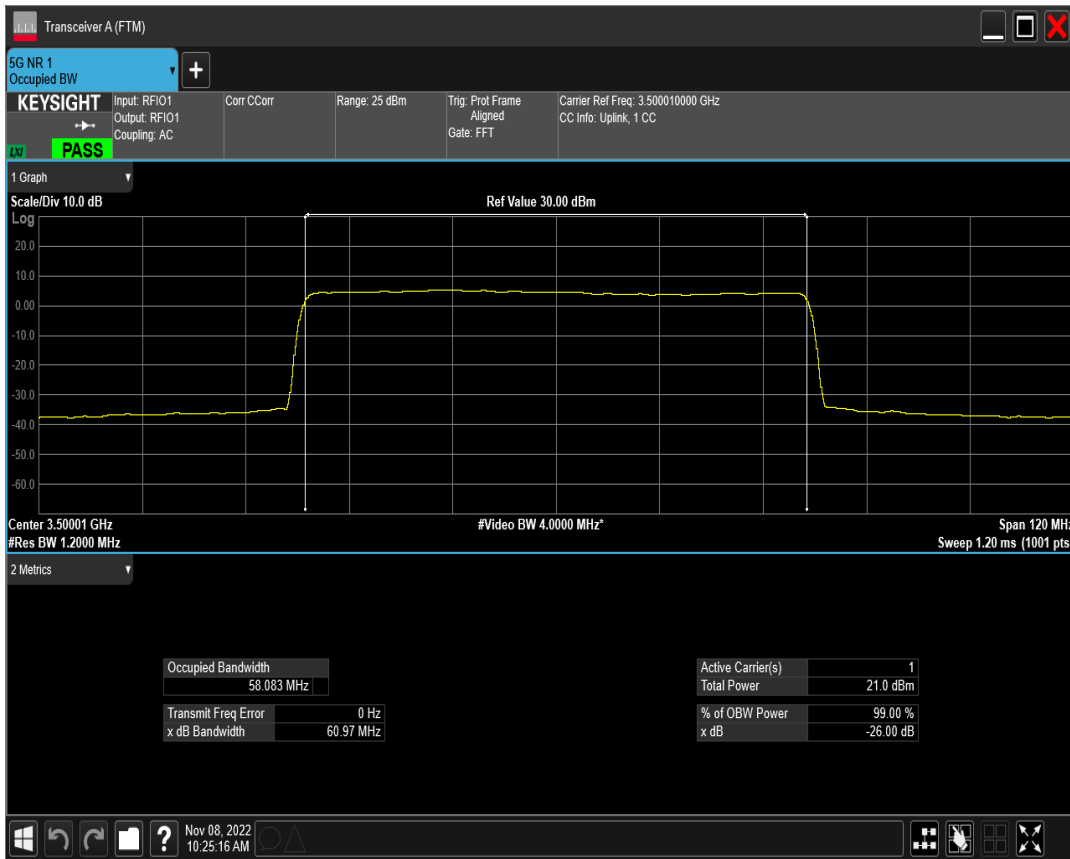
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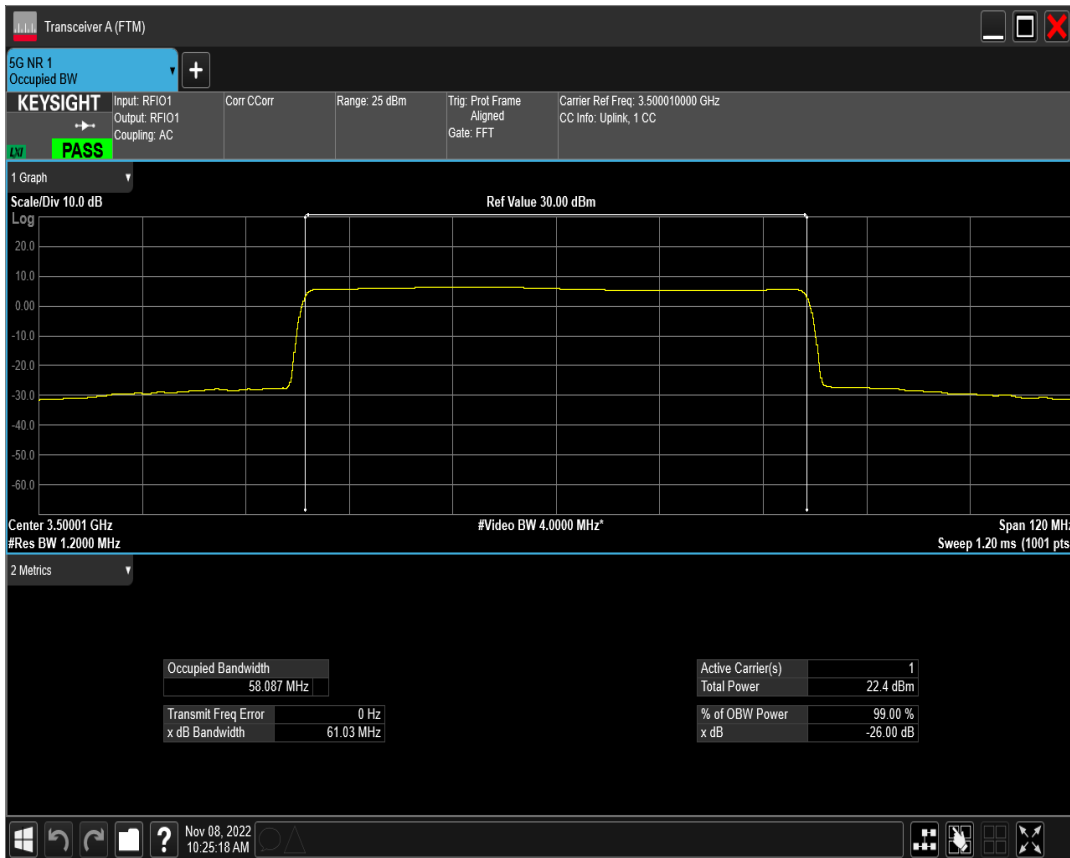
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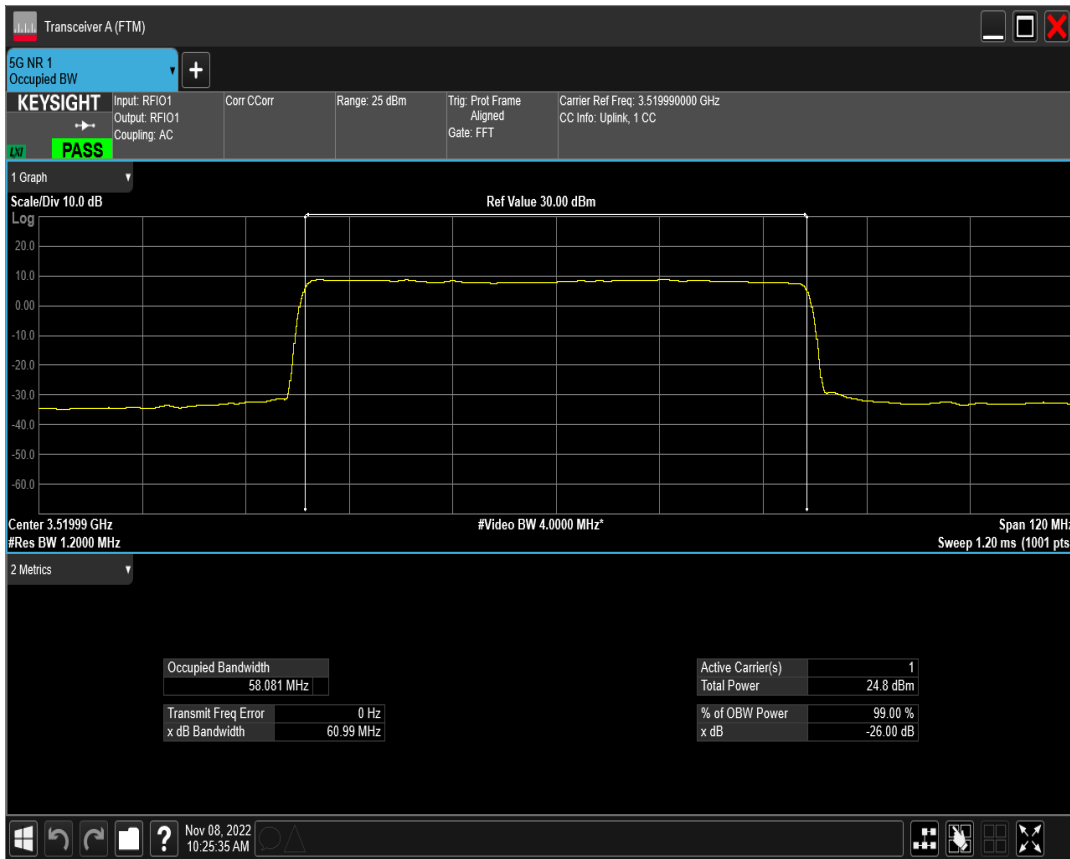
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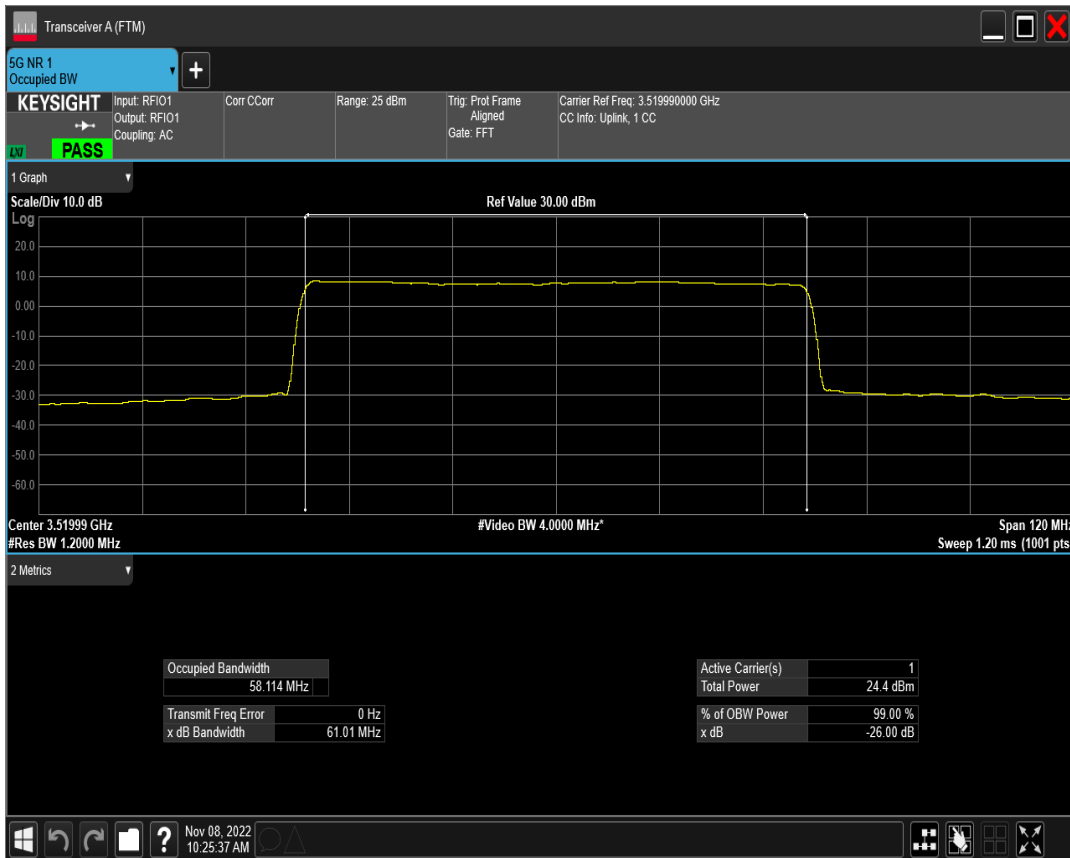
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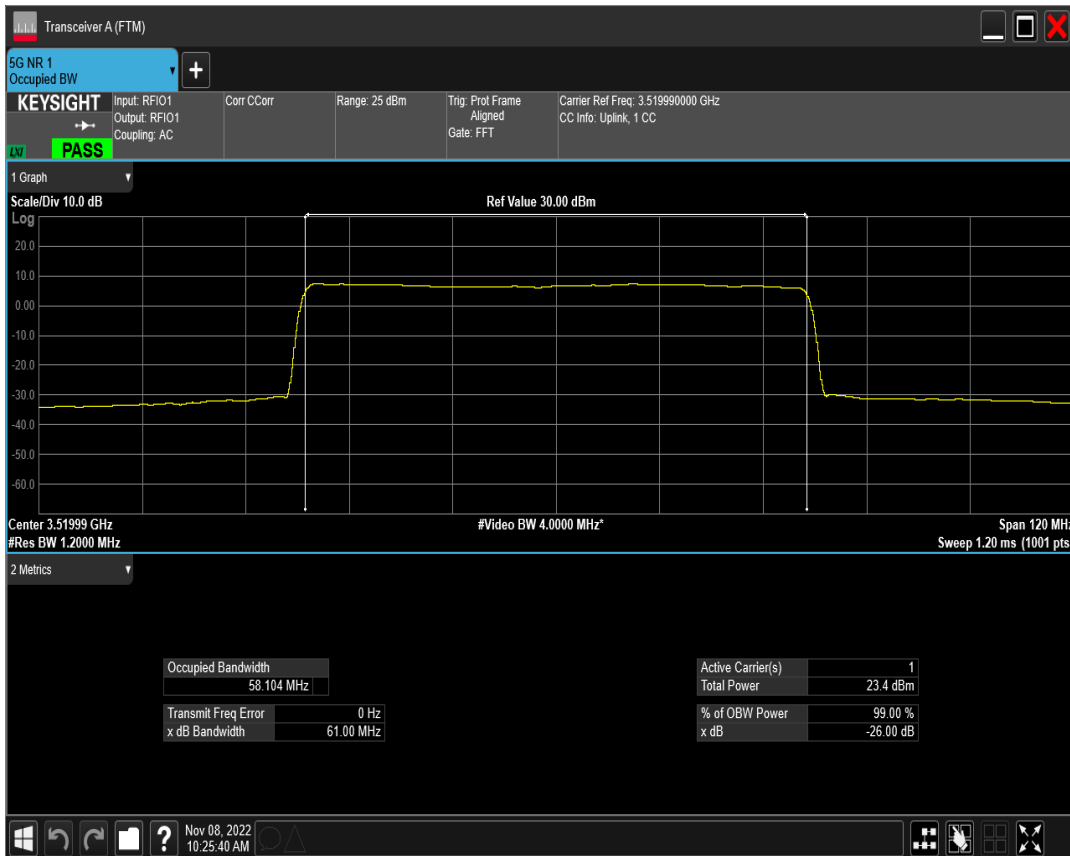
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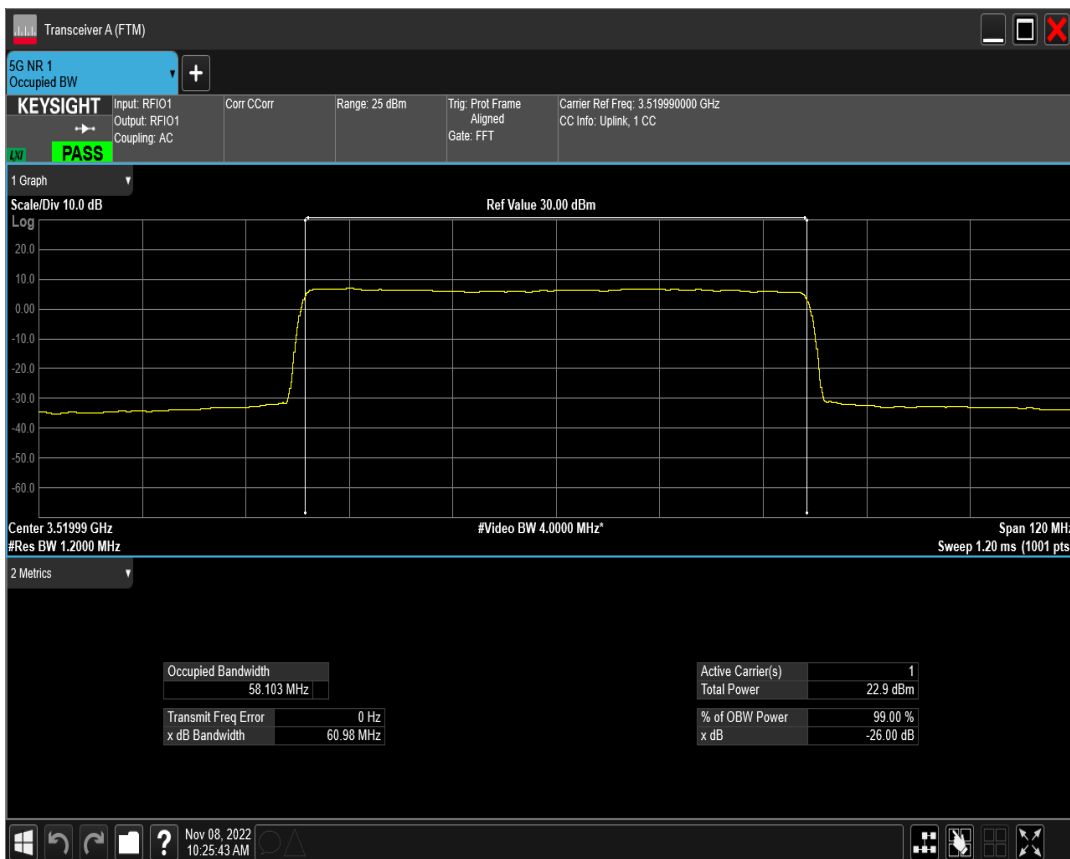
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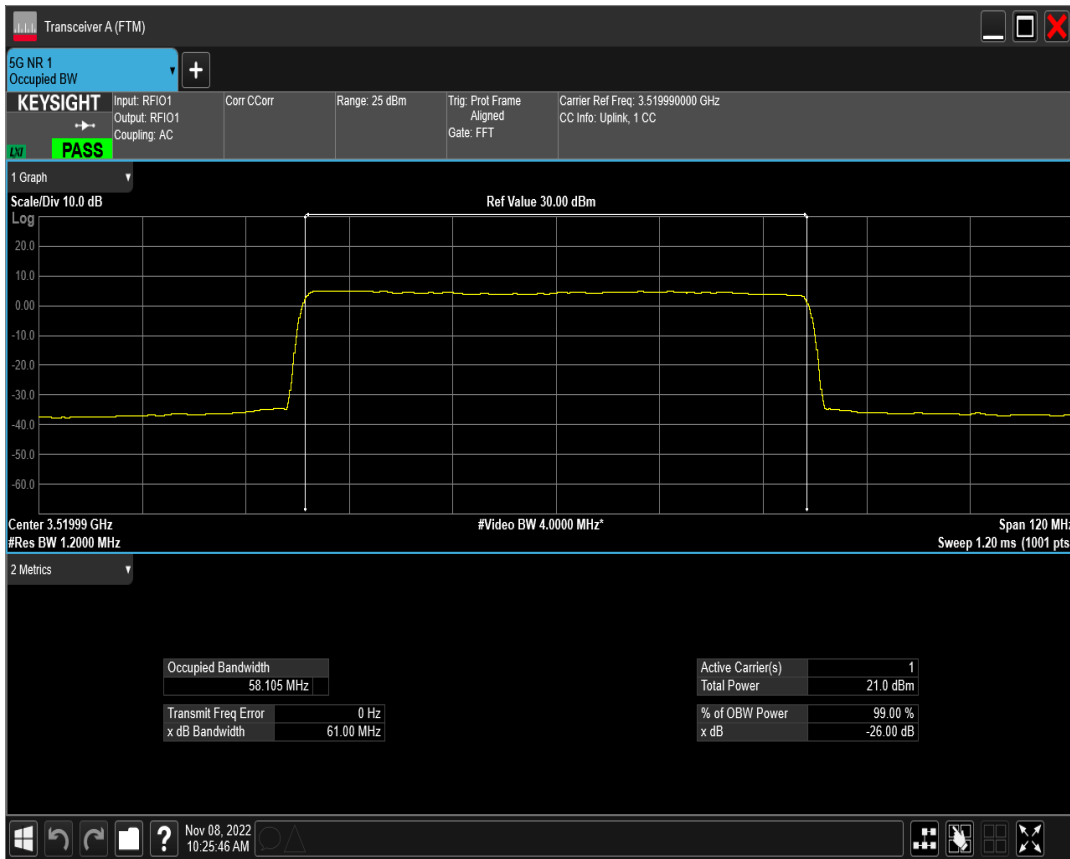
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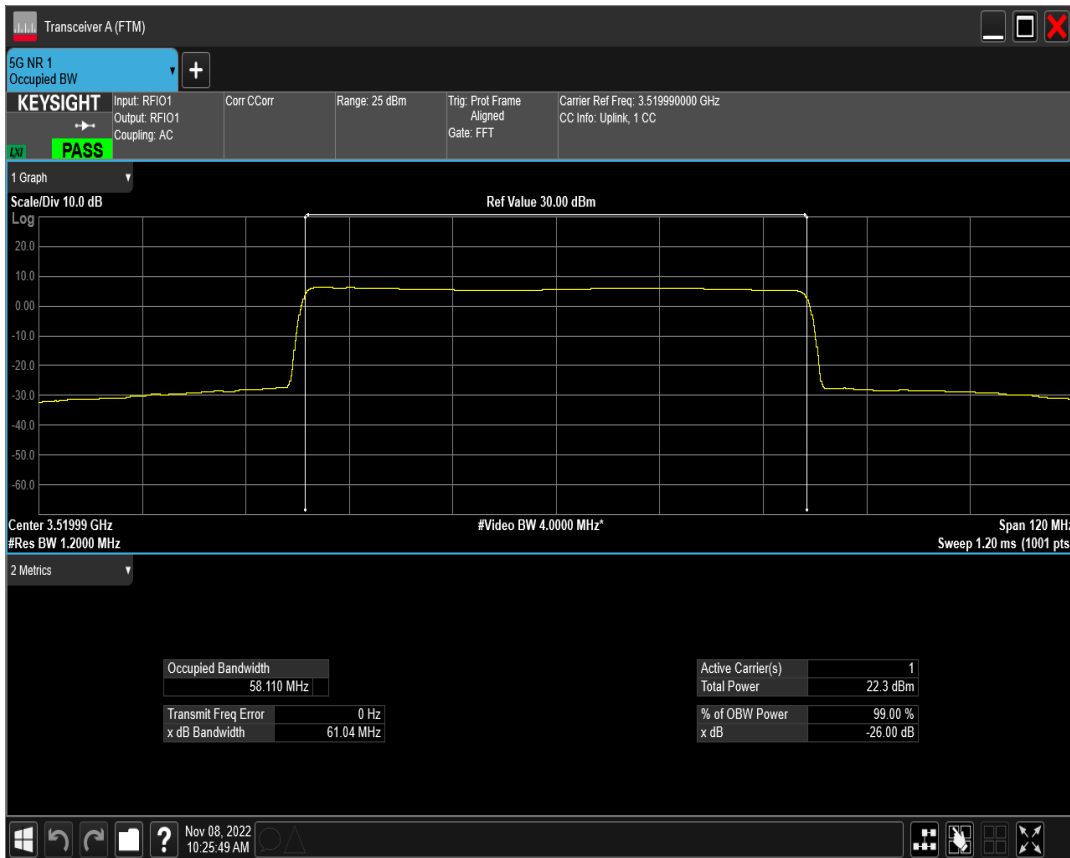
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=634666 RB=162@0



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

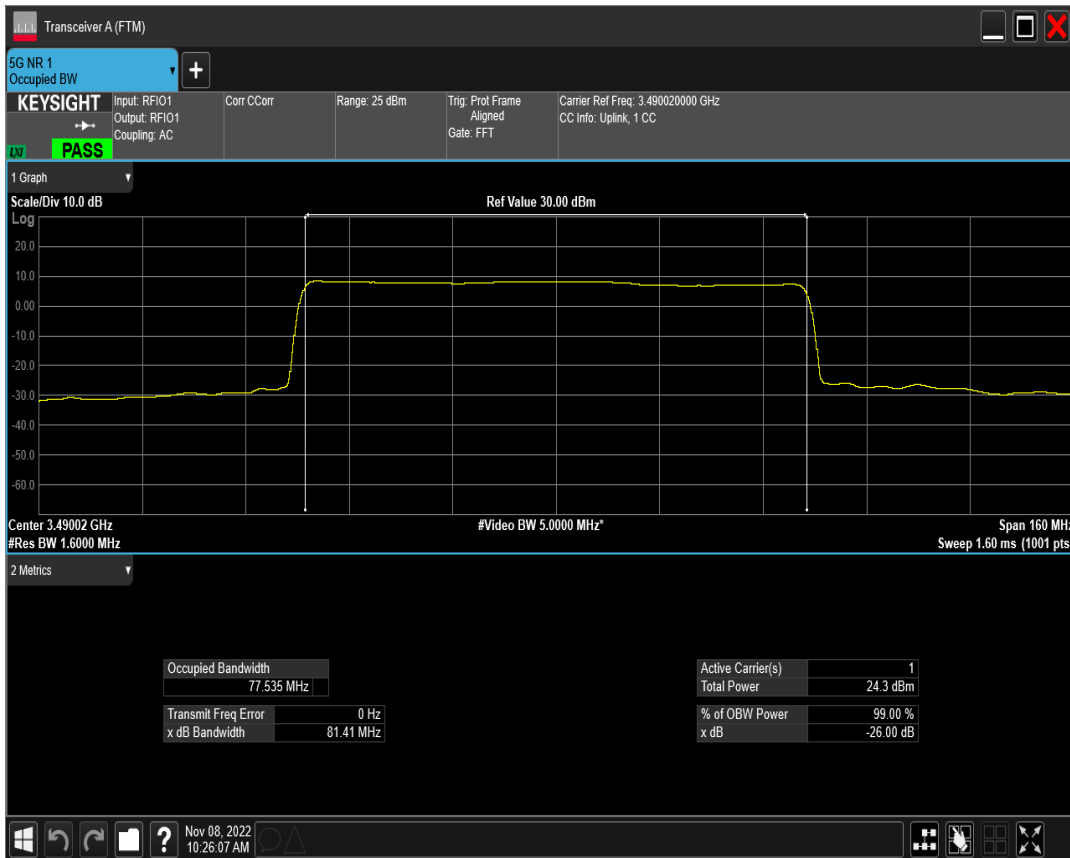




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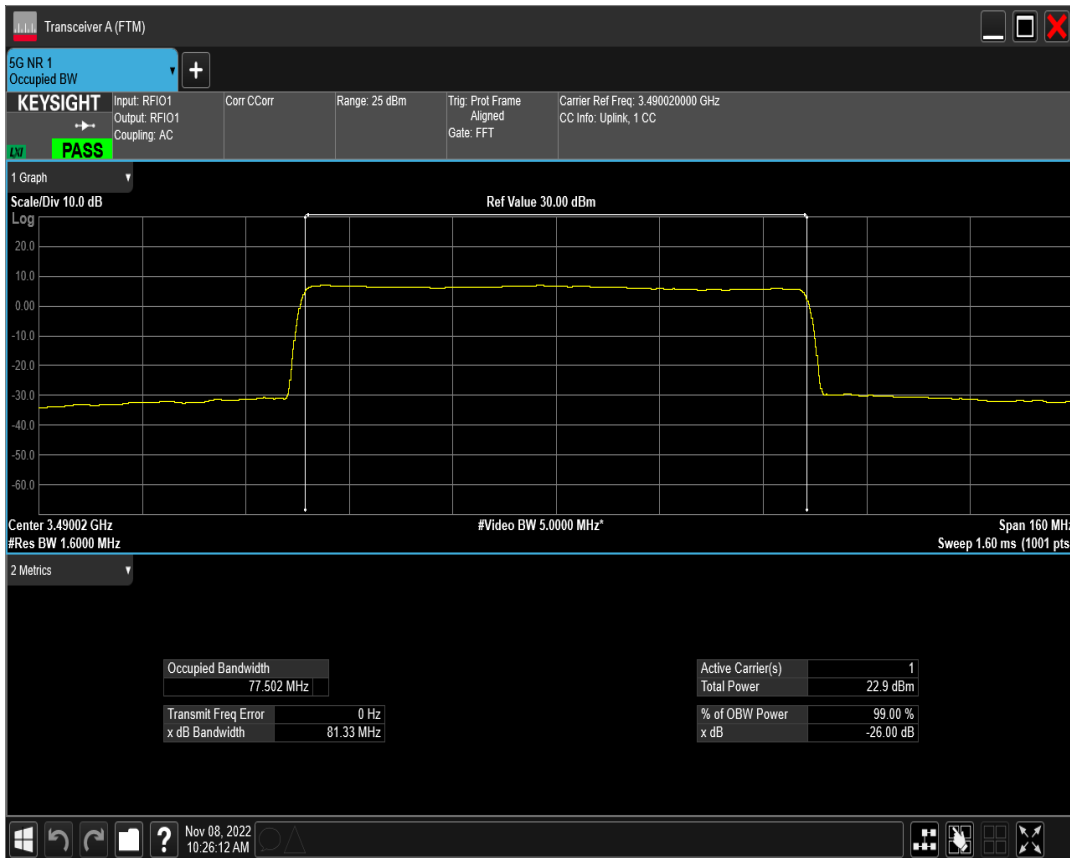
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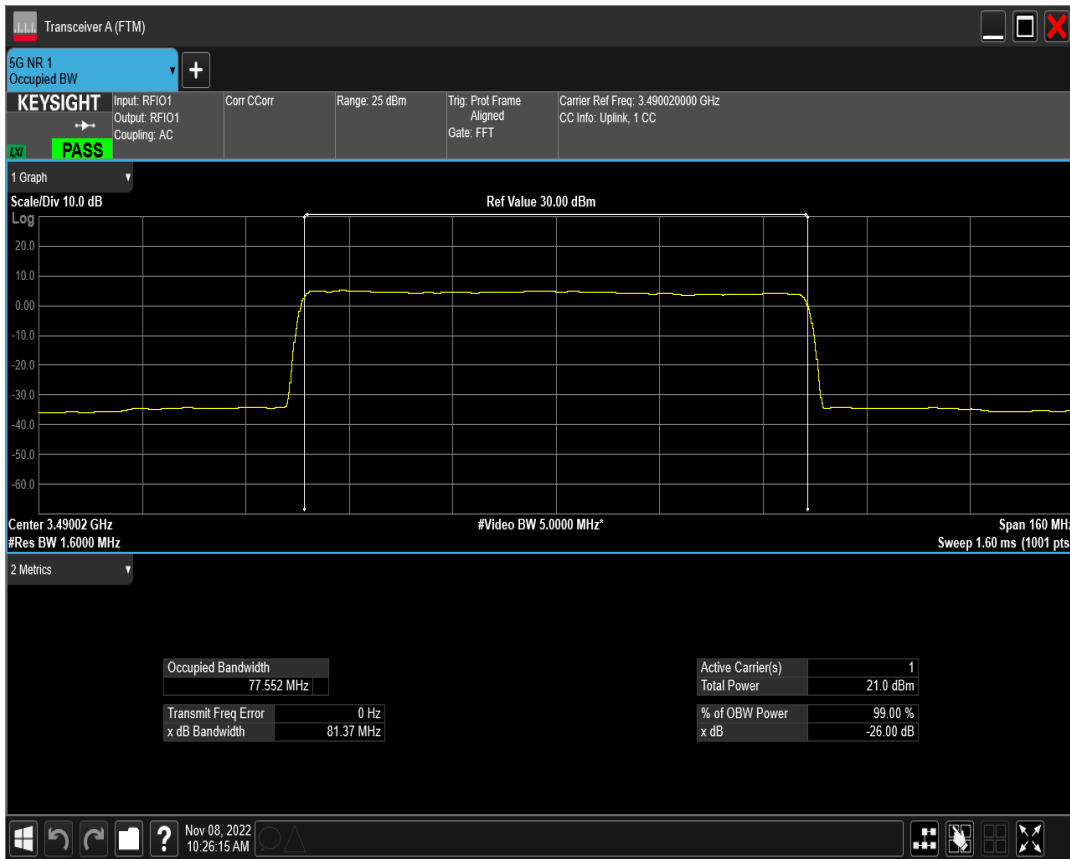
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=632668 RB=216@0



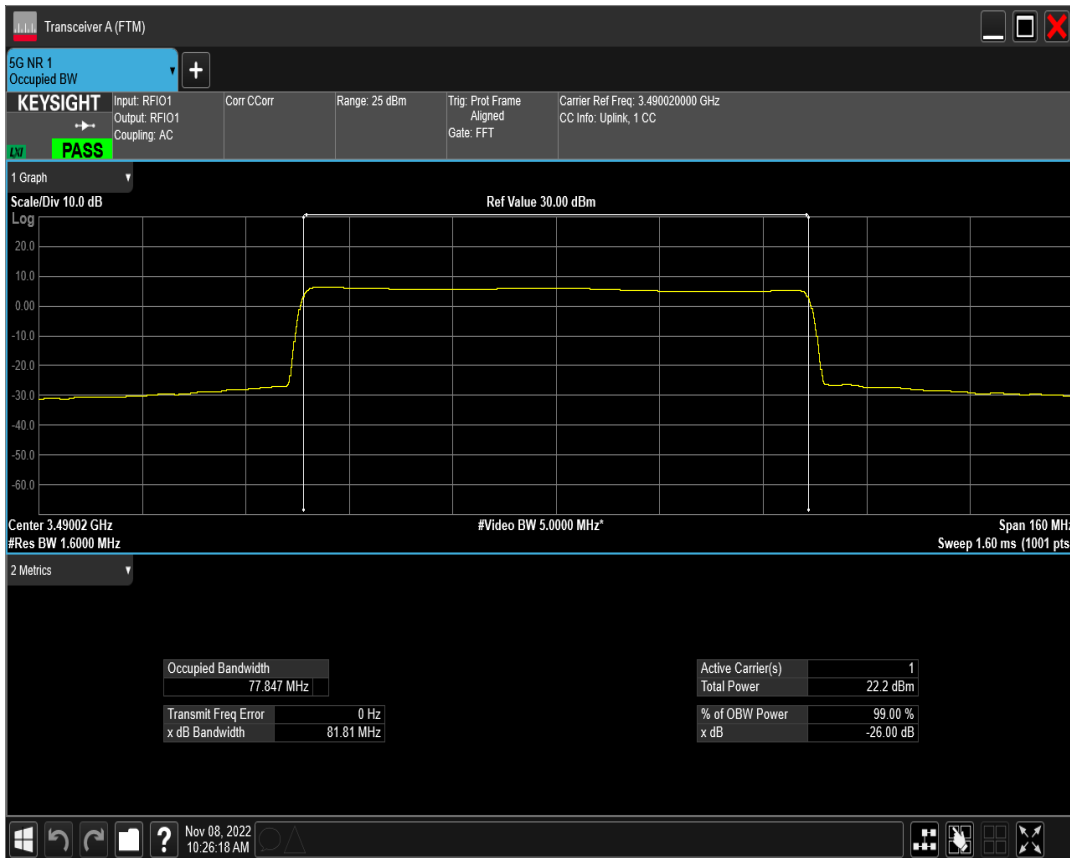
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216@0



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



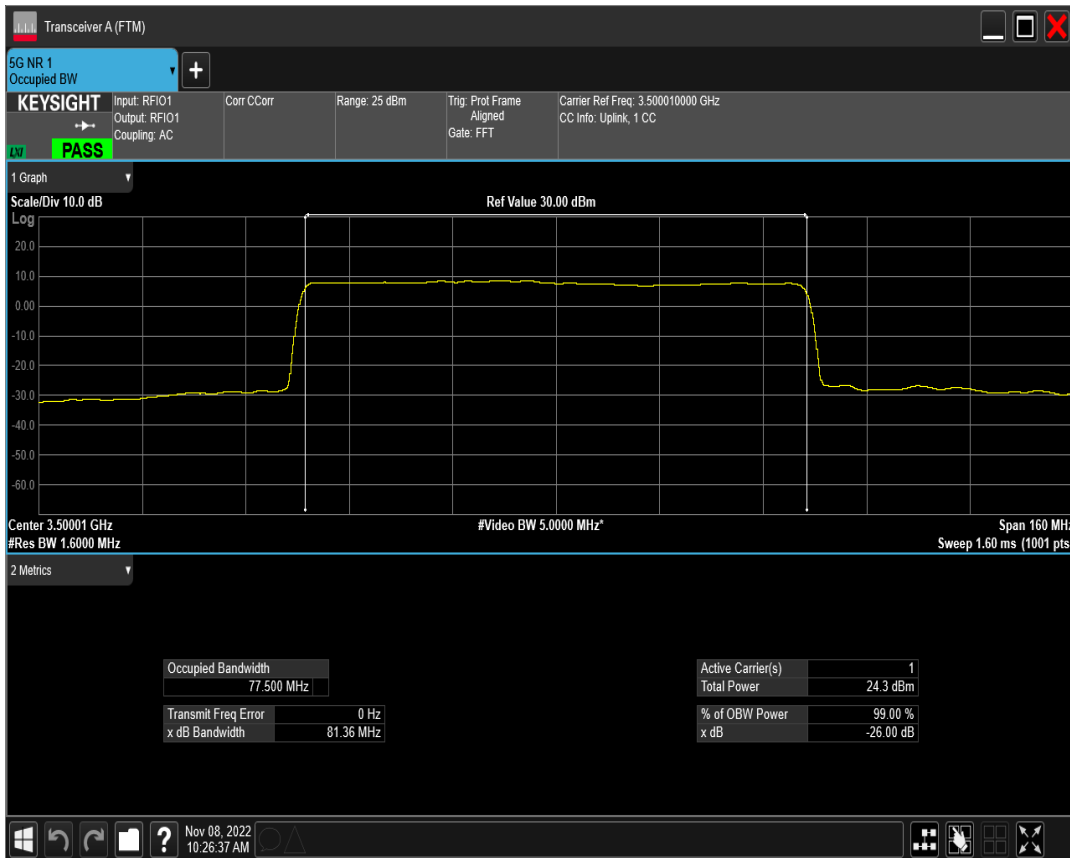
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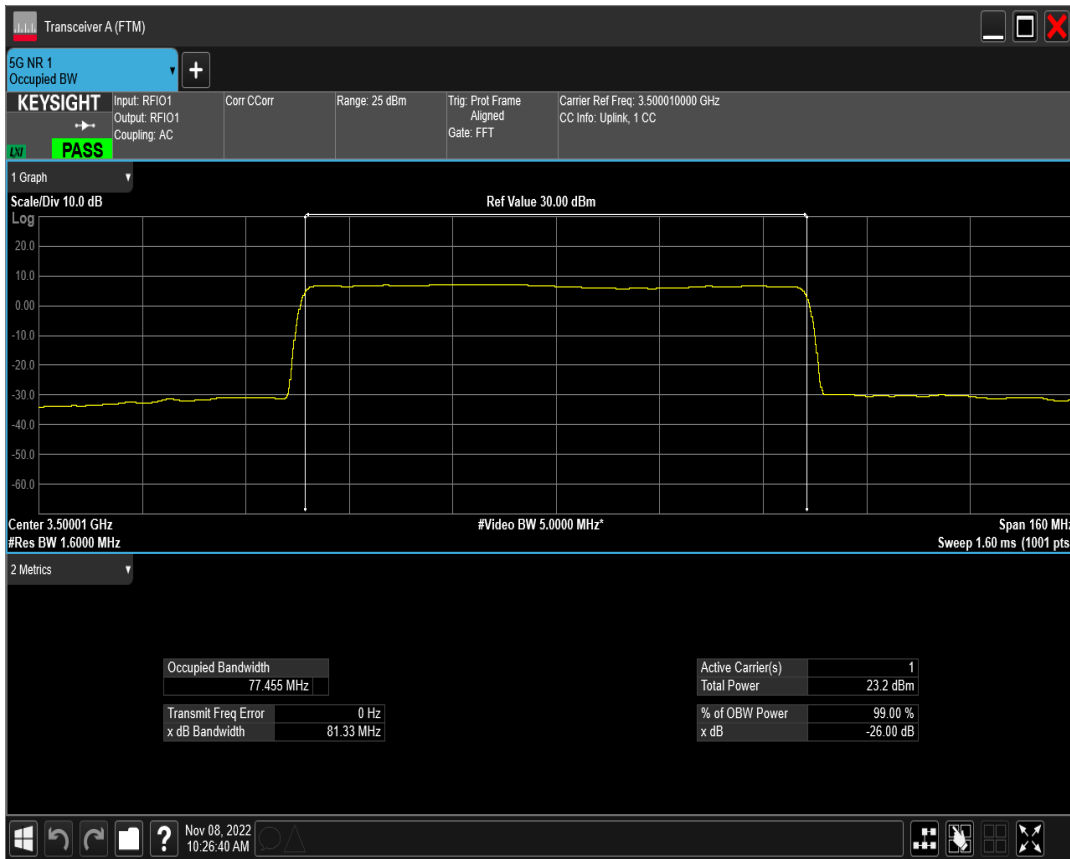
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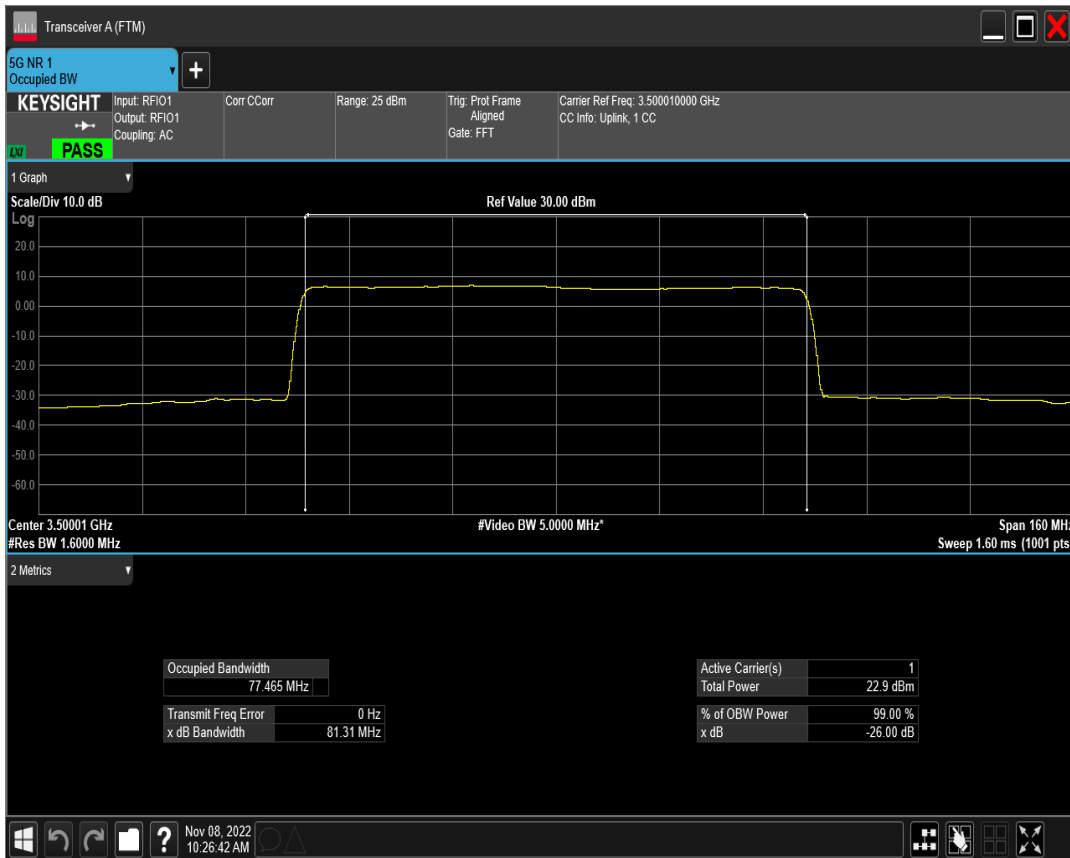
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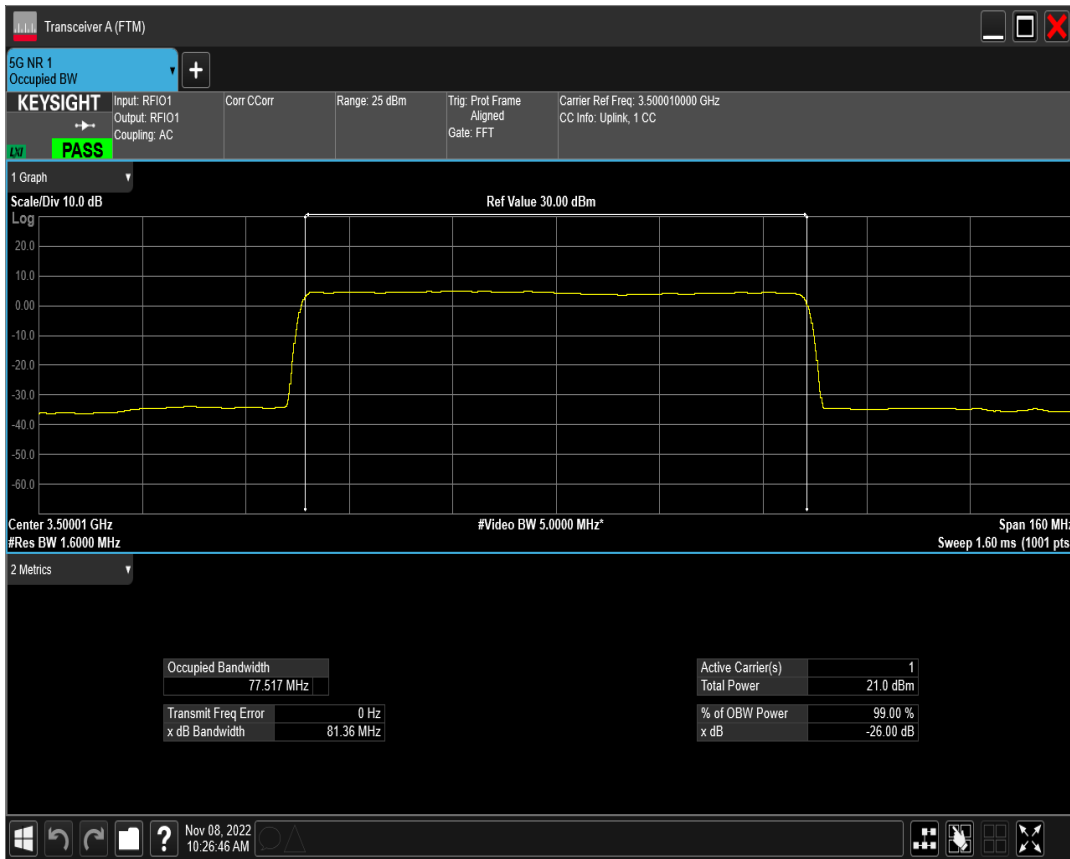
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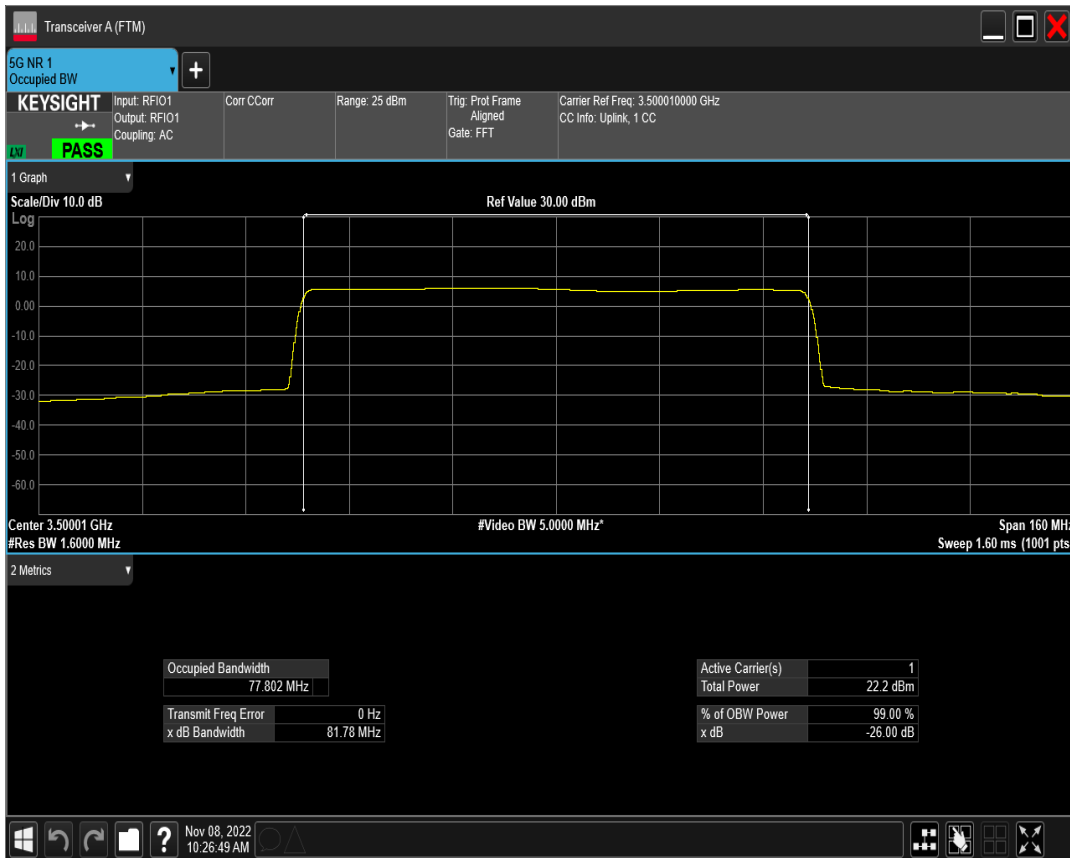
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0



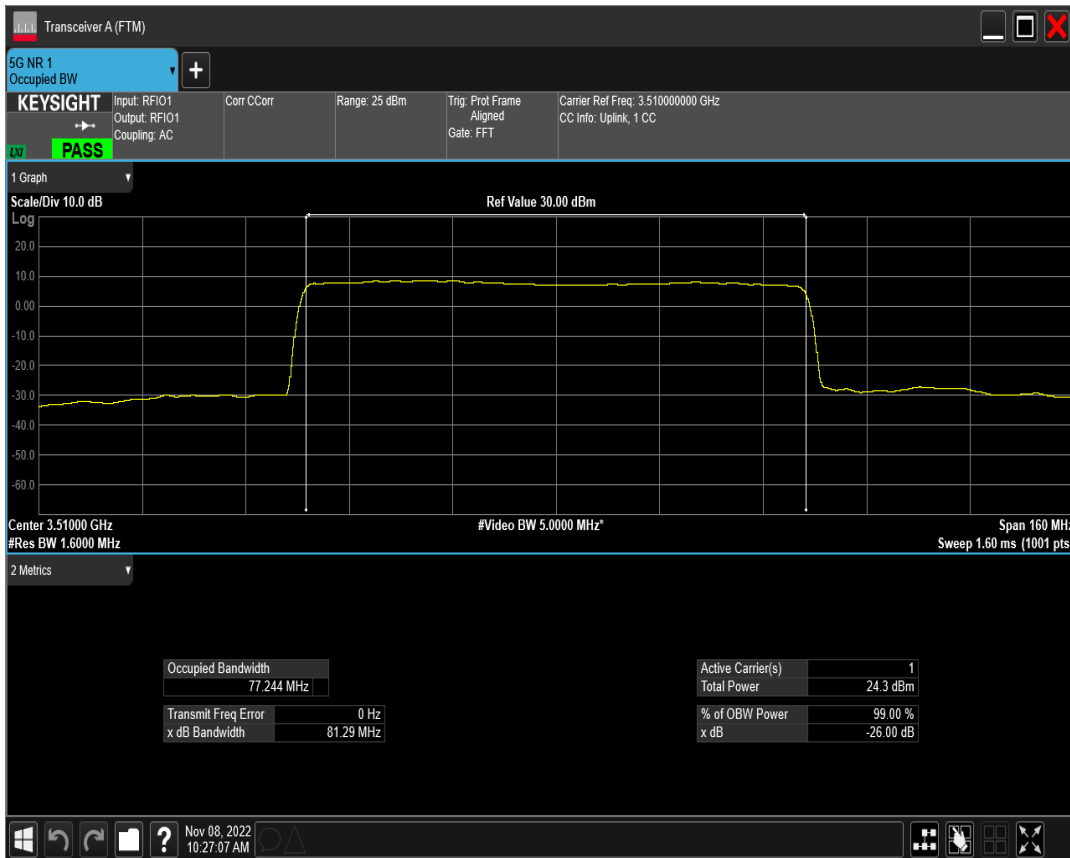
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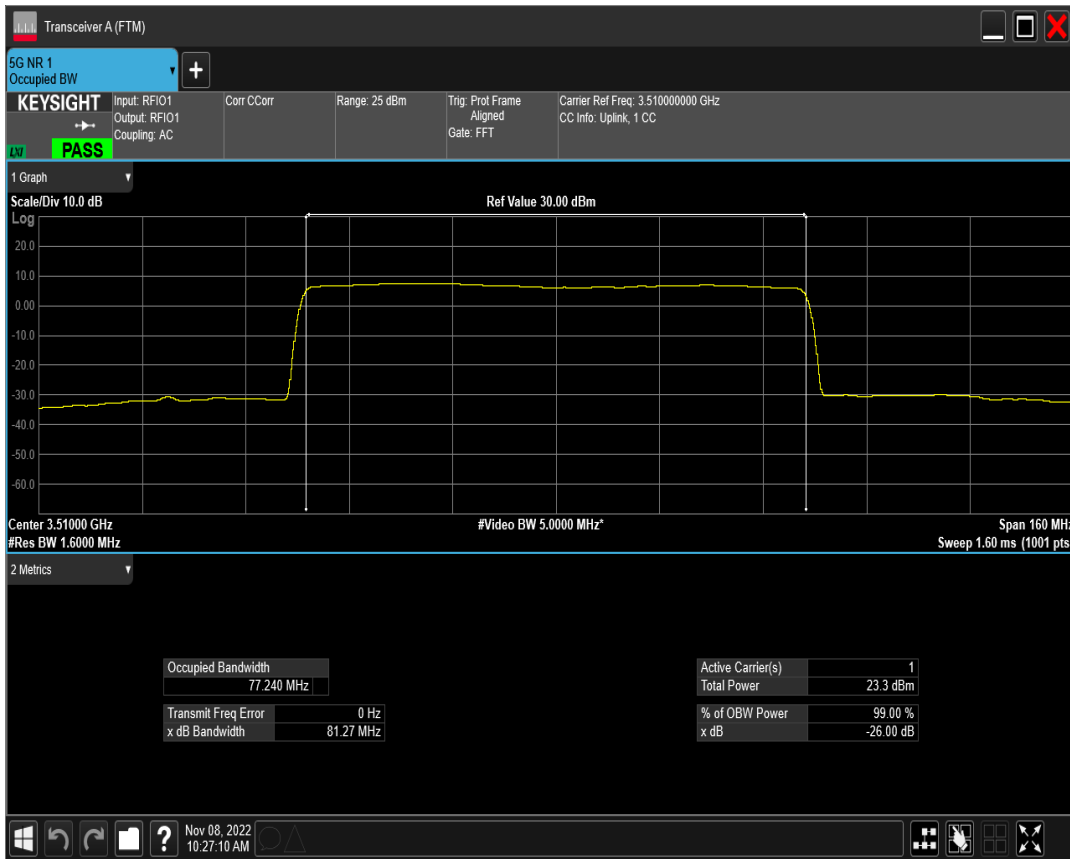
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=634000 RB=216@0



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

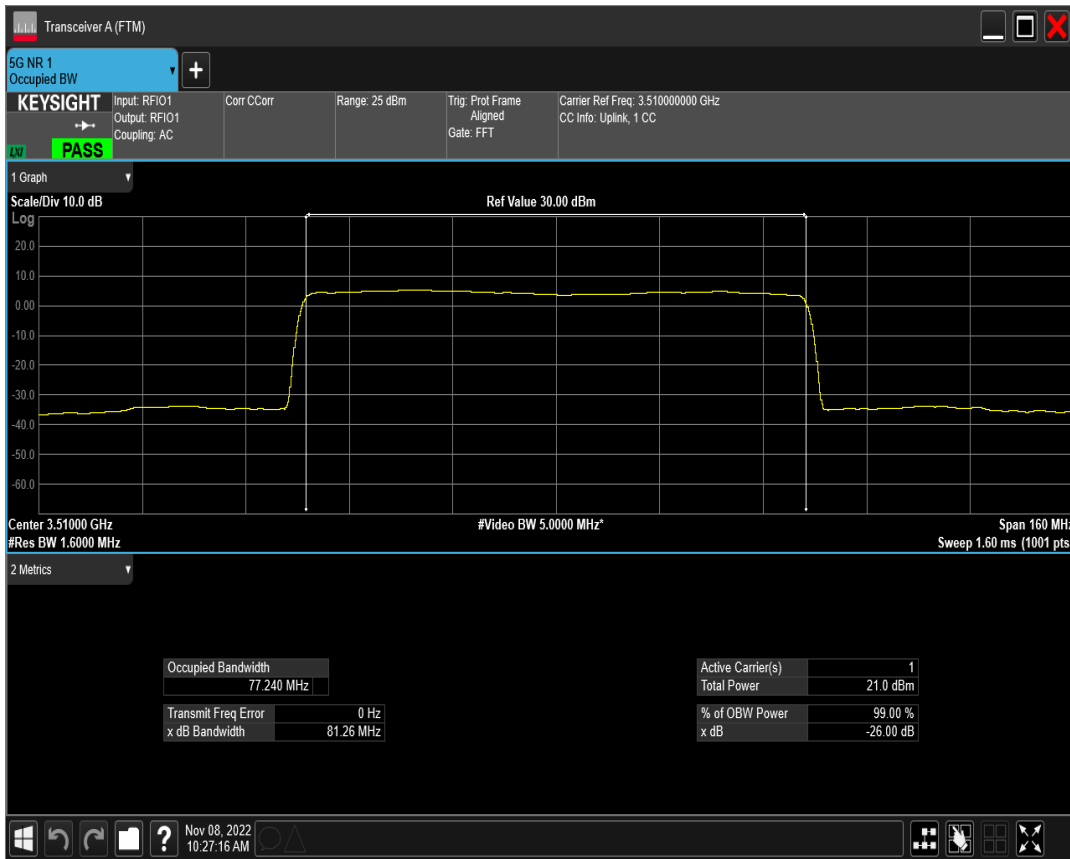


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=634000 RB=216@0

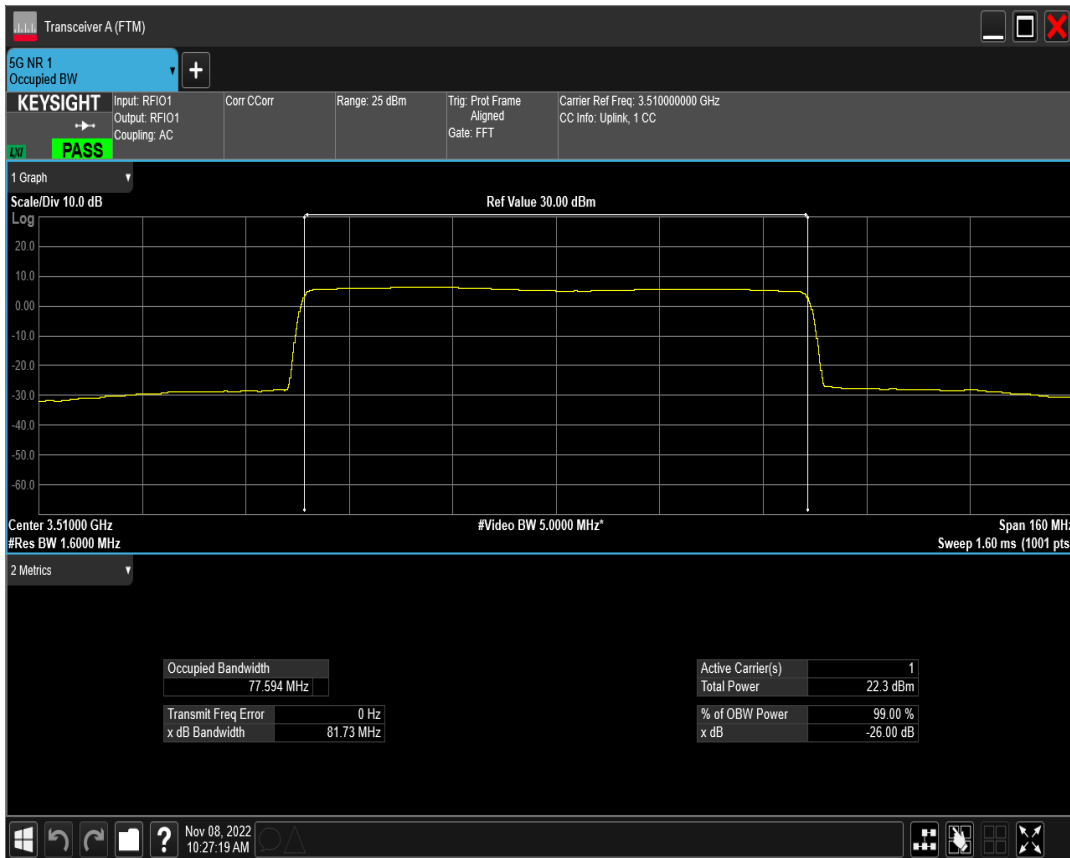




n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0



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



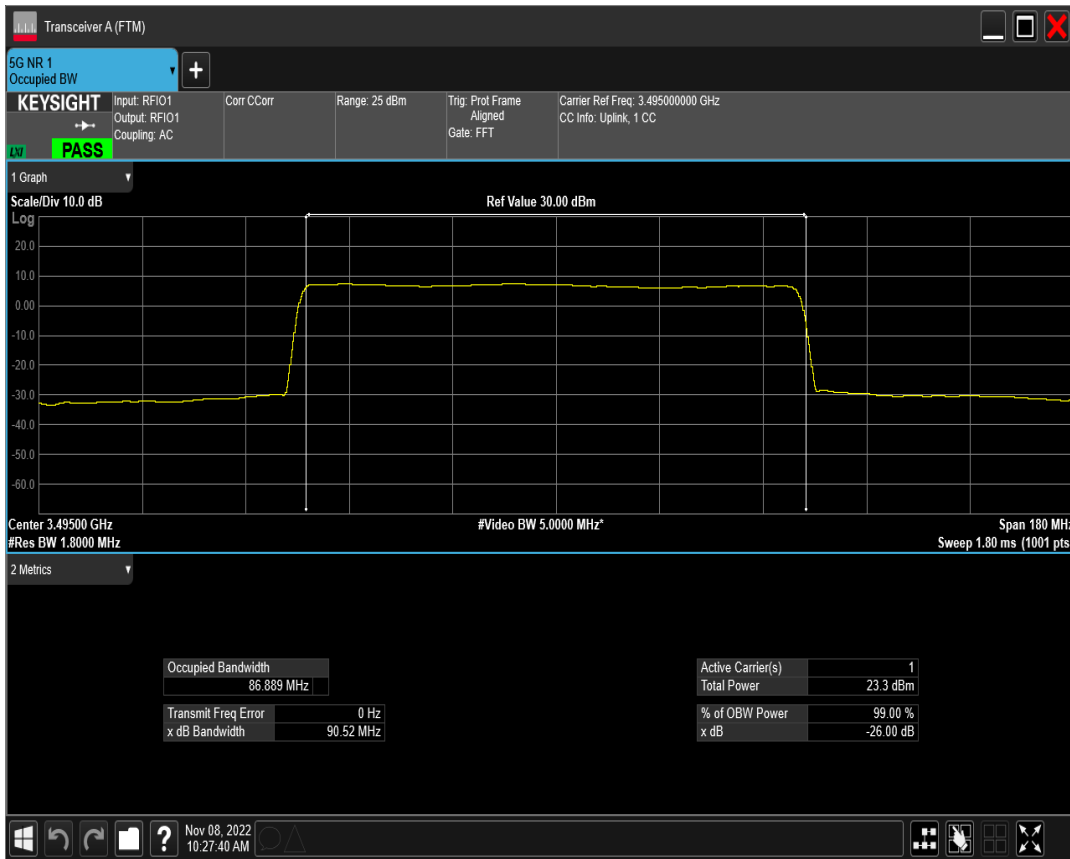
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633000 RB=240@0



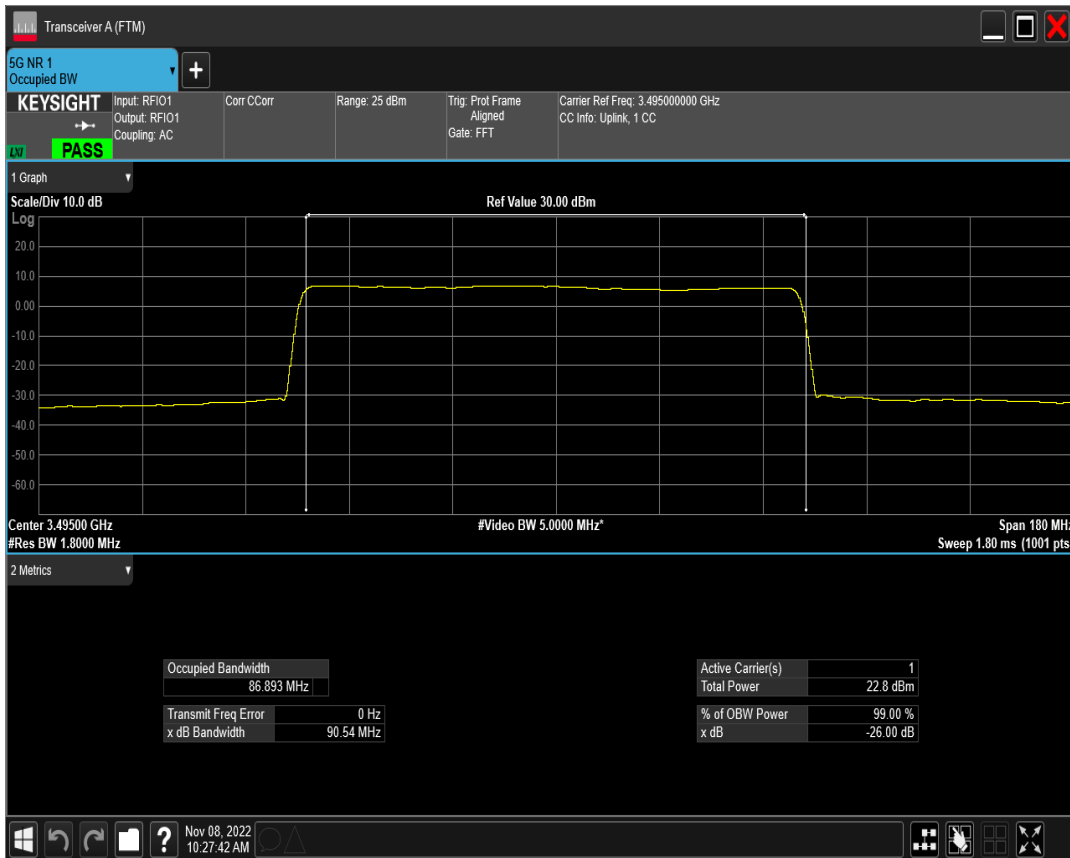
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633000 RB=240@0



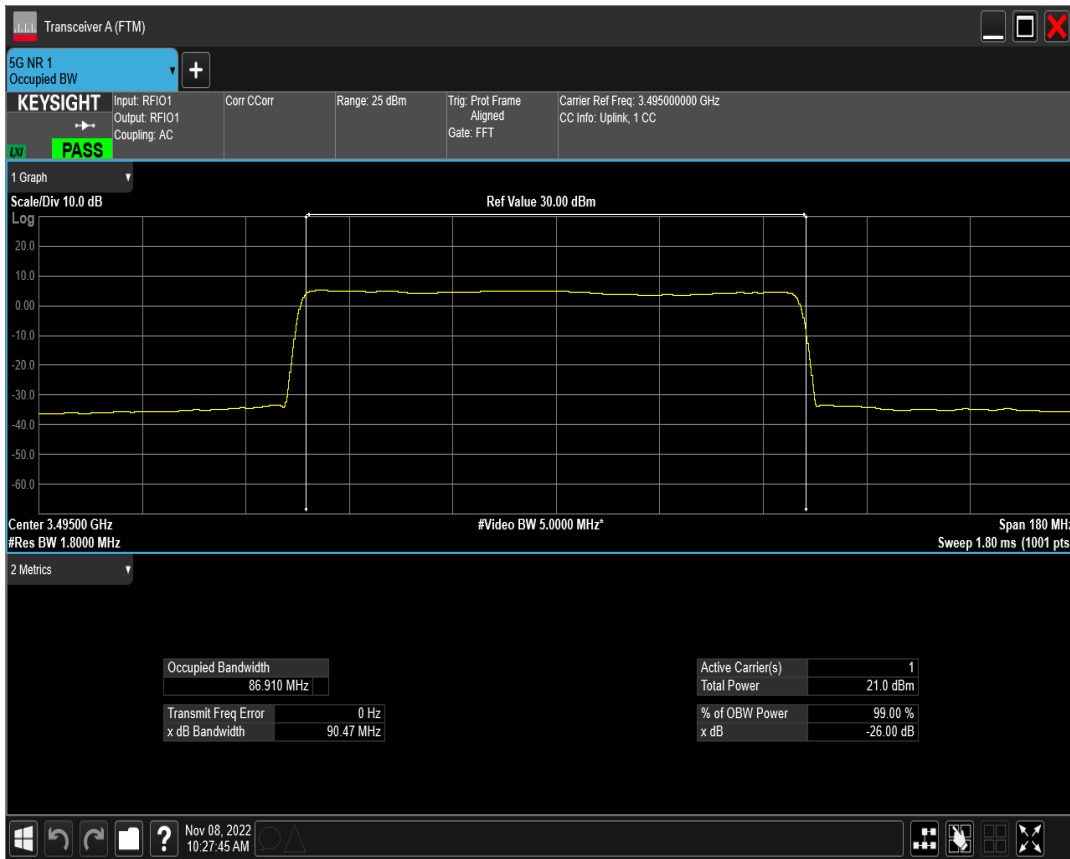
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633000 RB=240@0



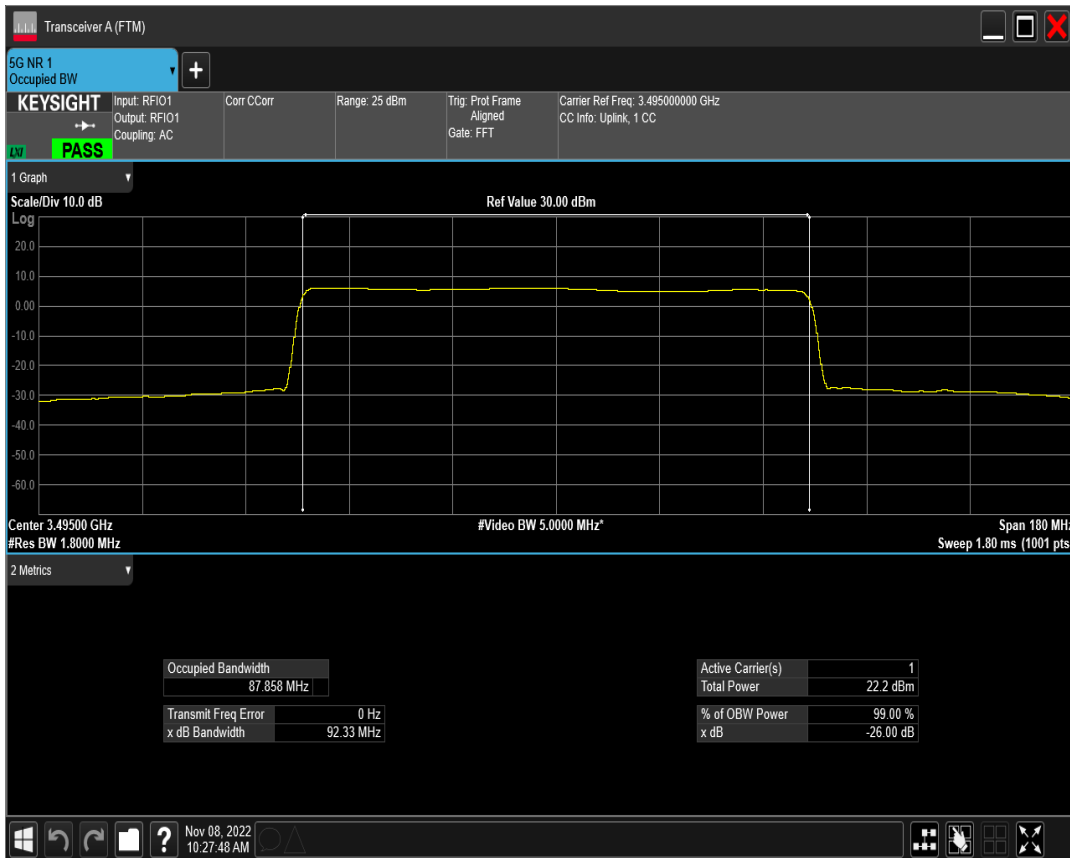
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633000 RB=240@0



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



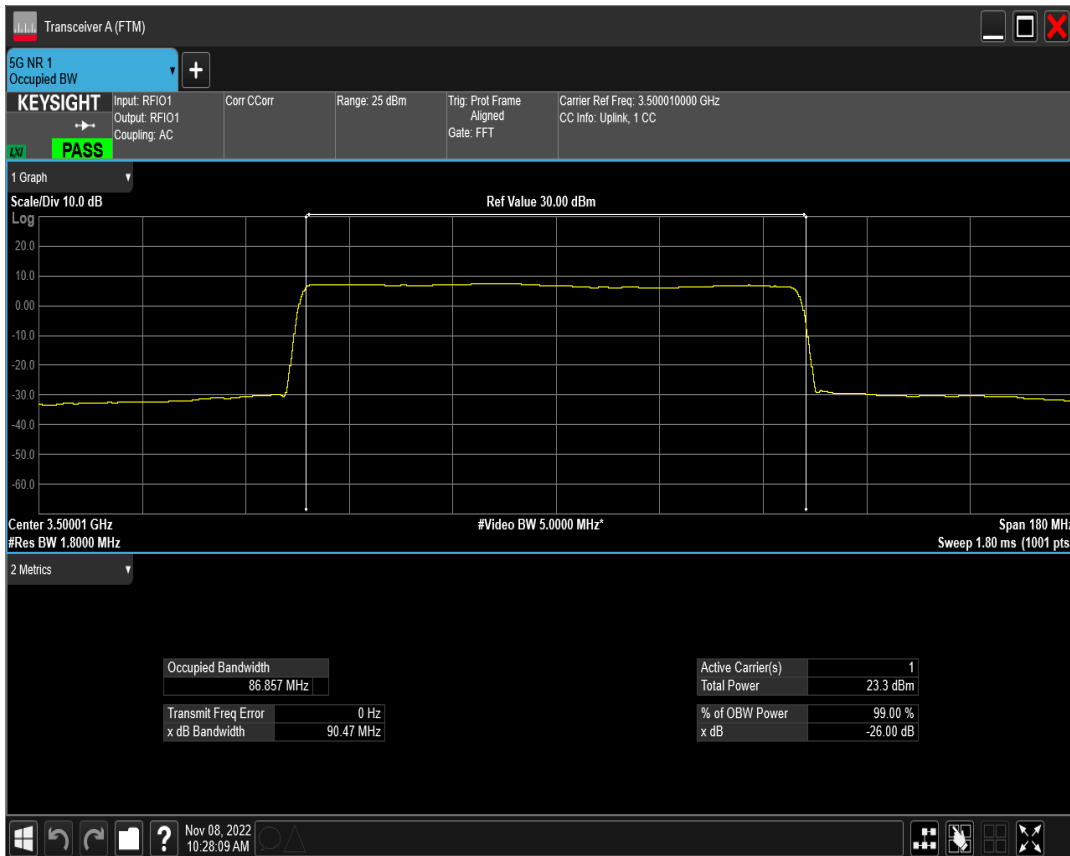
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



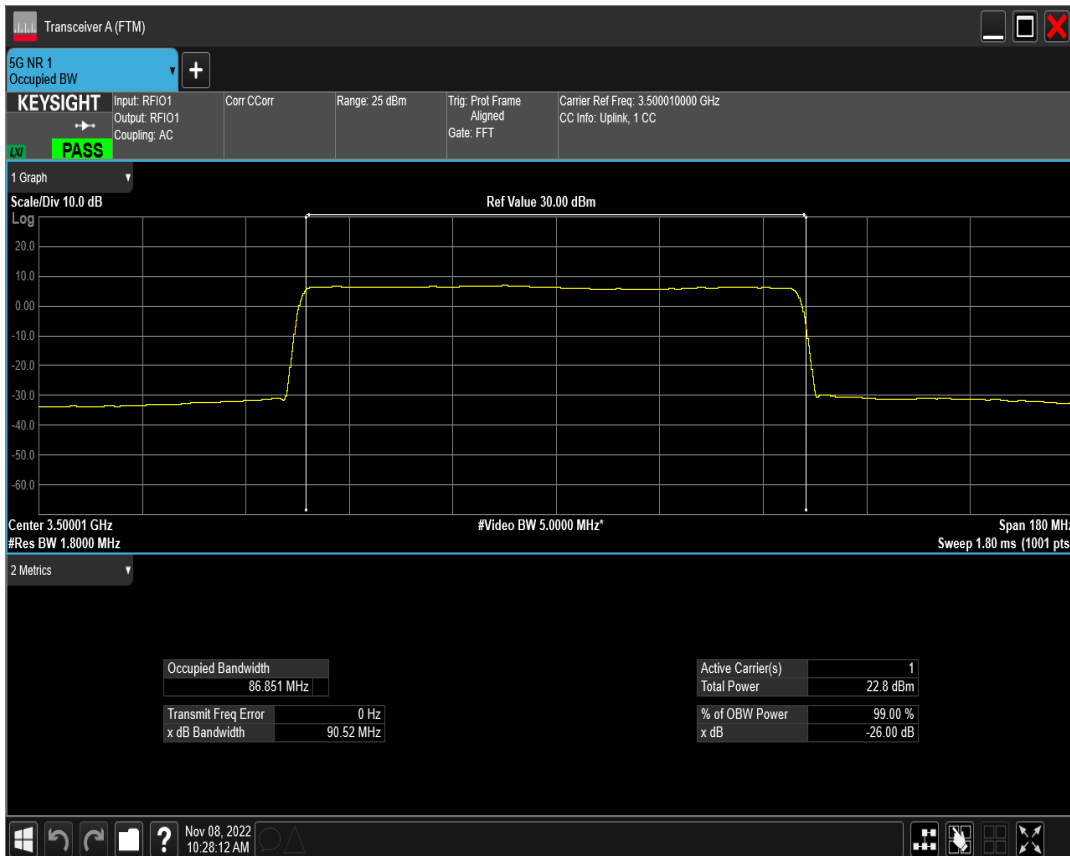
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



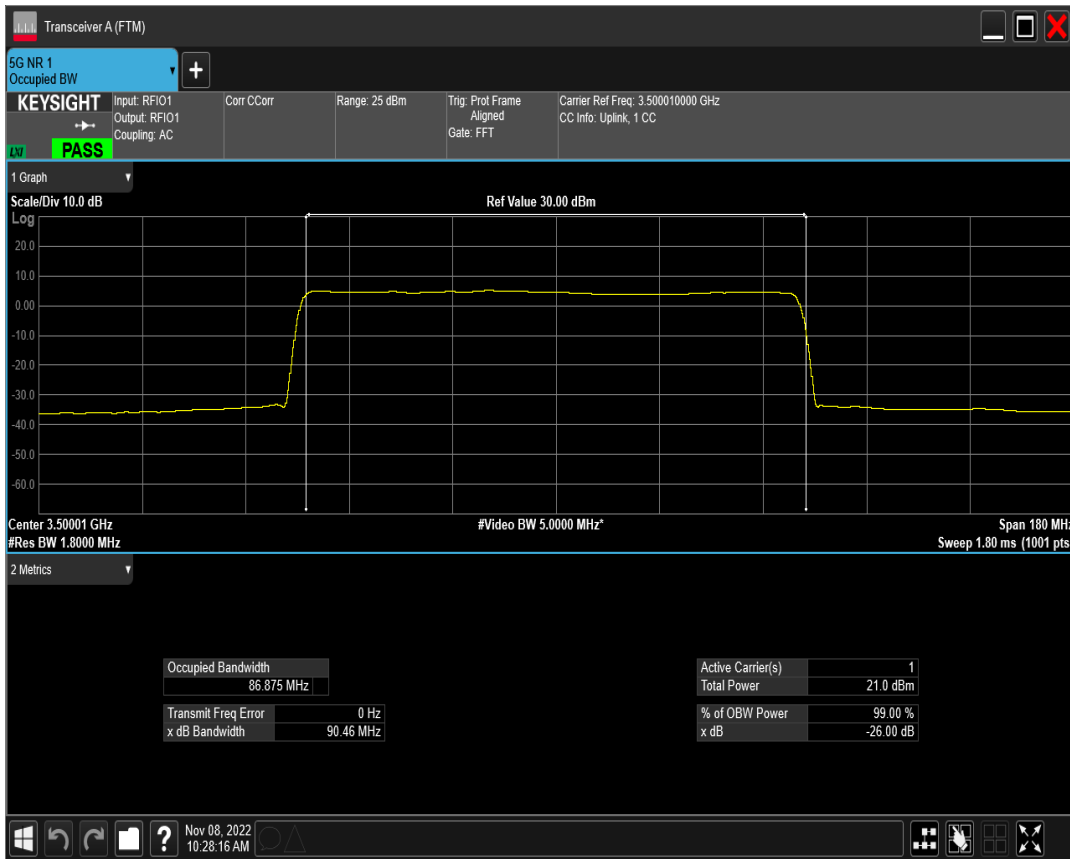
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



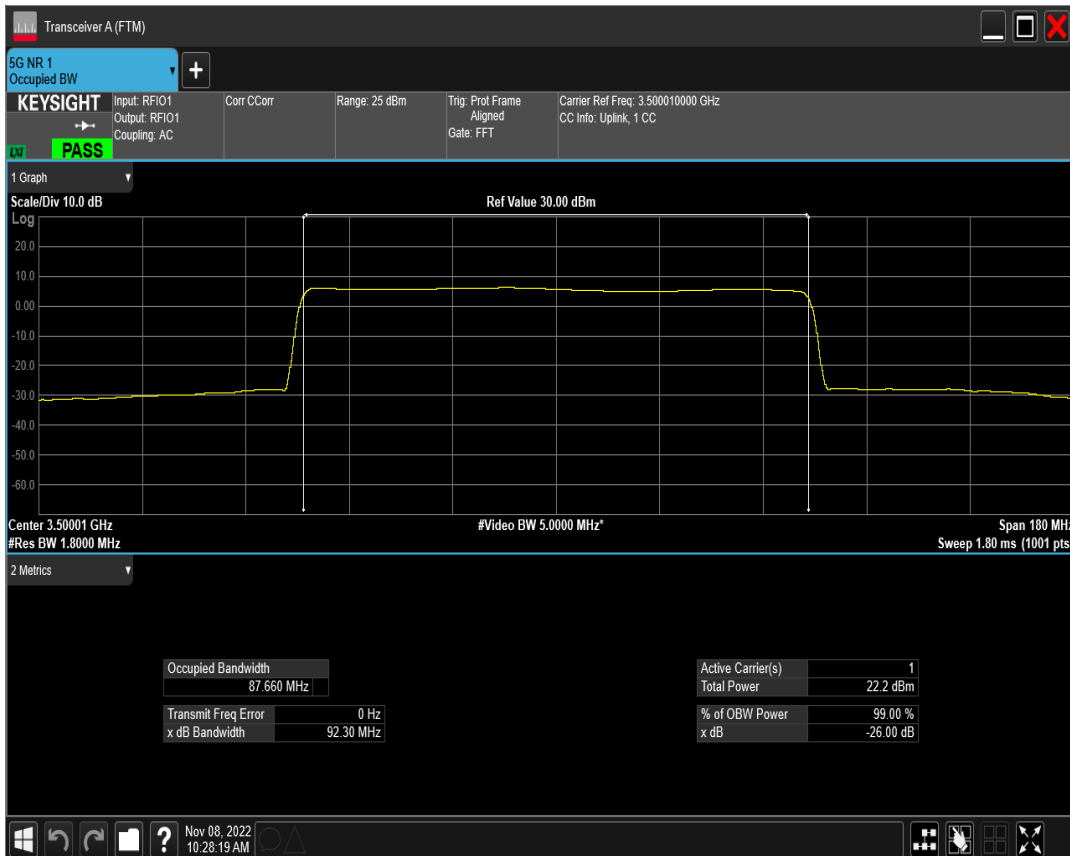
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



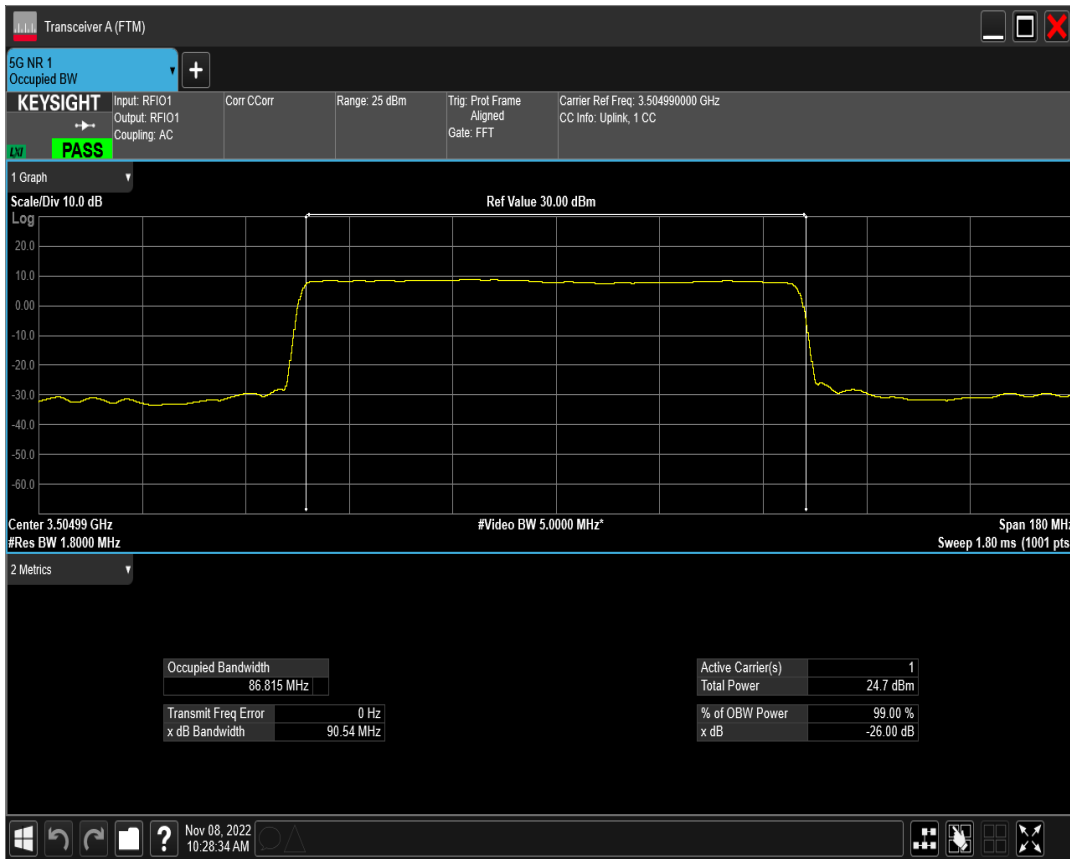
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



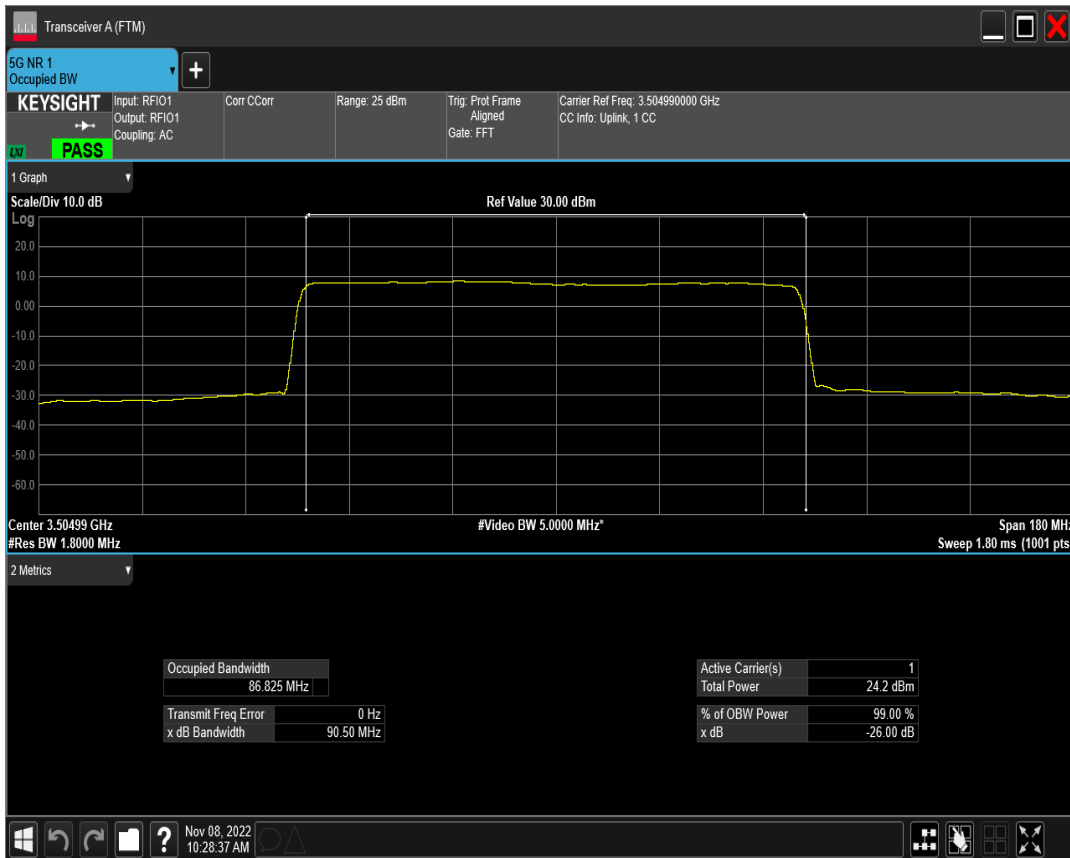
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633334 RB=245@0



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

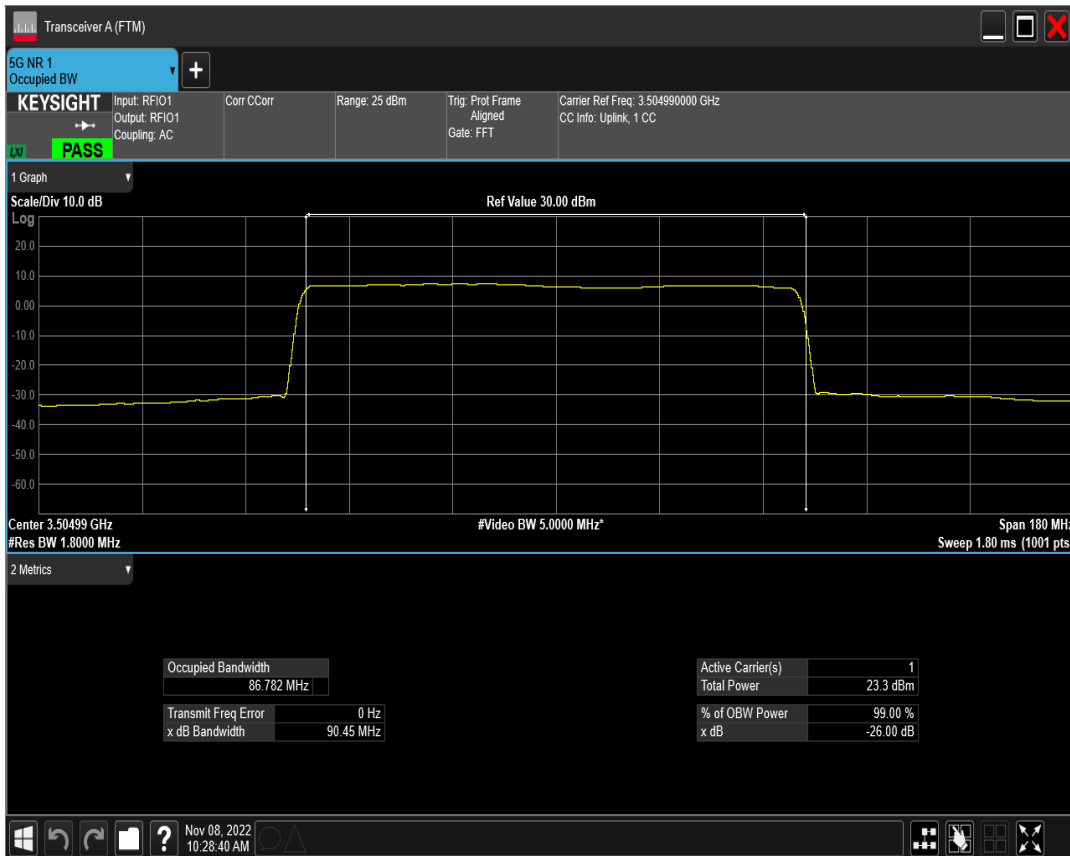


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0





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



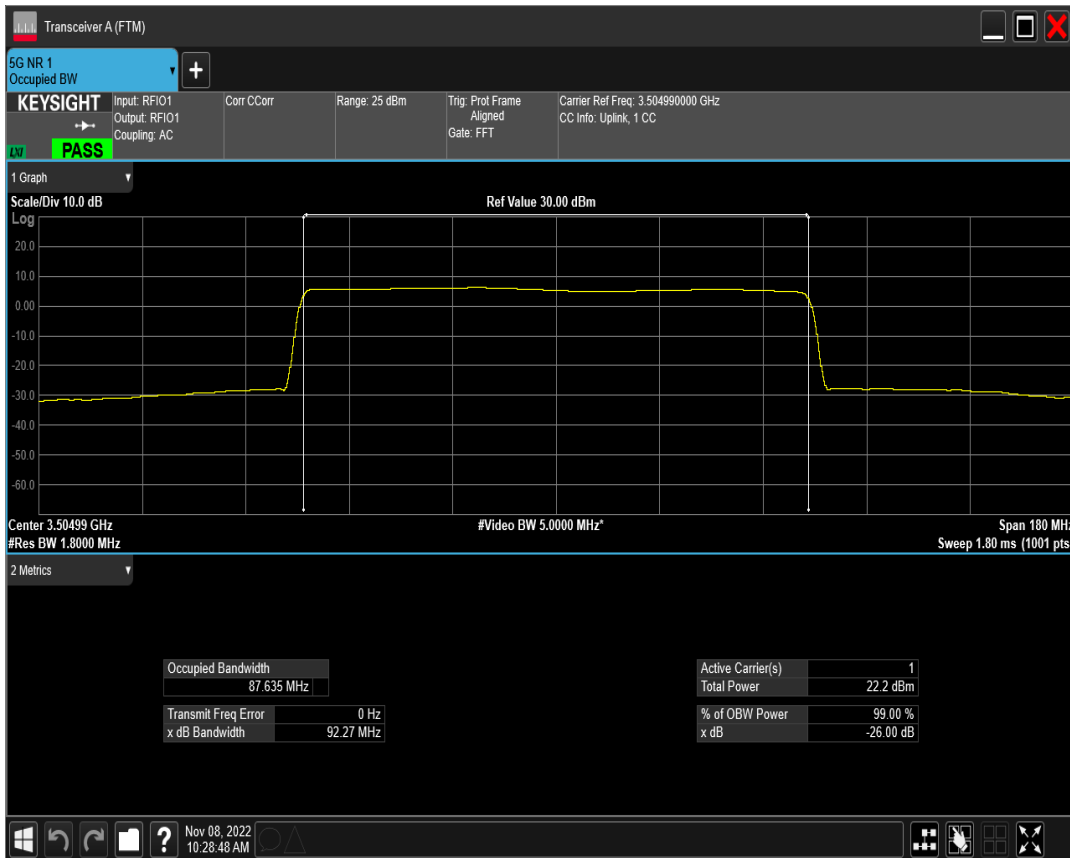
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0



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



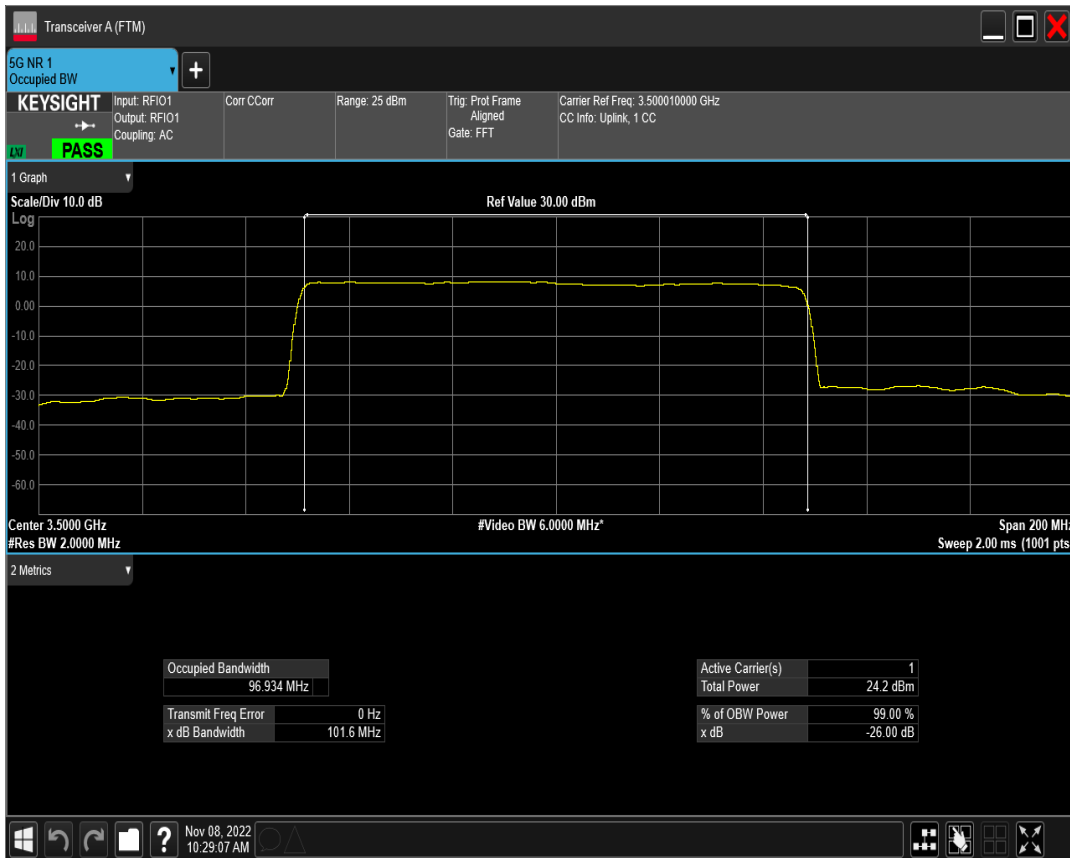
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633666 RB=245@0



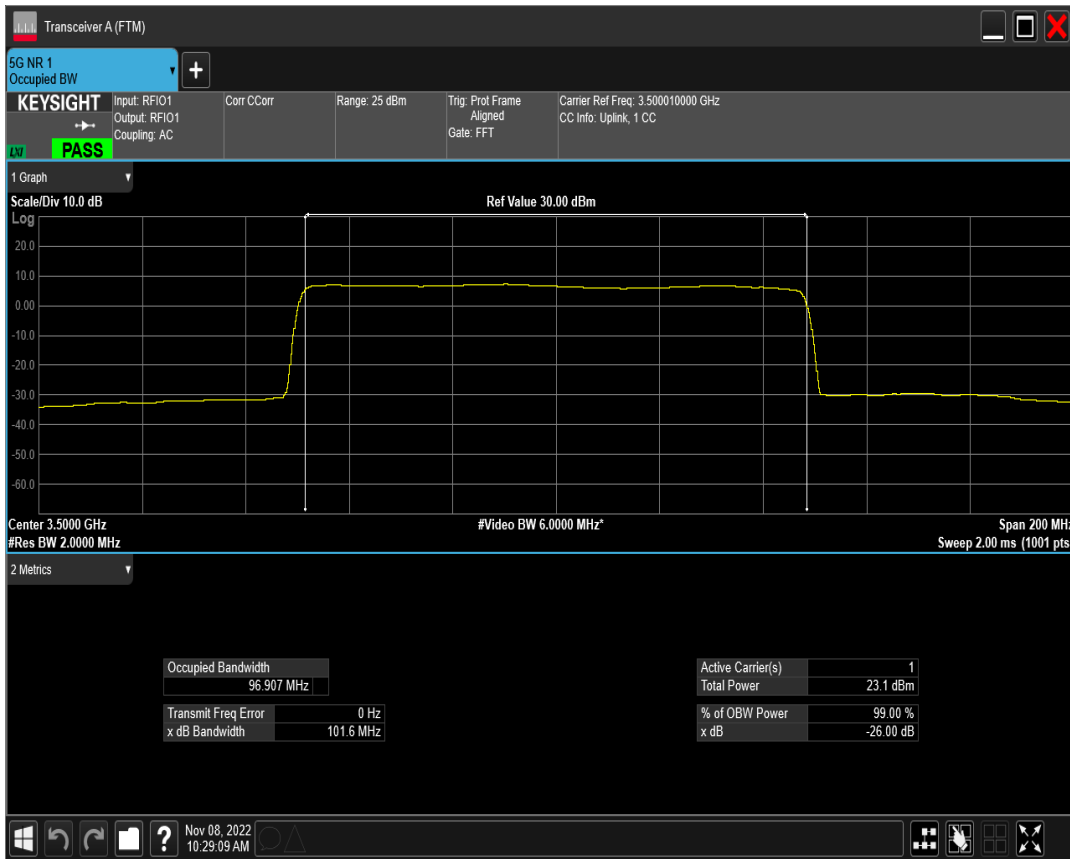
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633334 RB=270@0



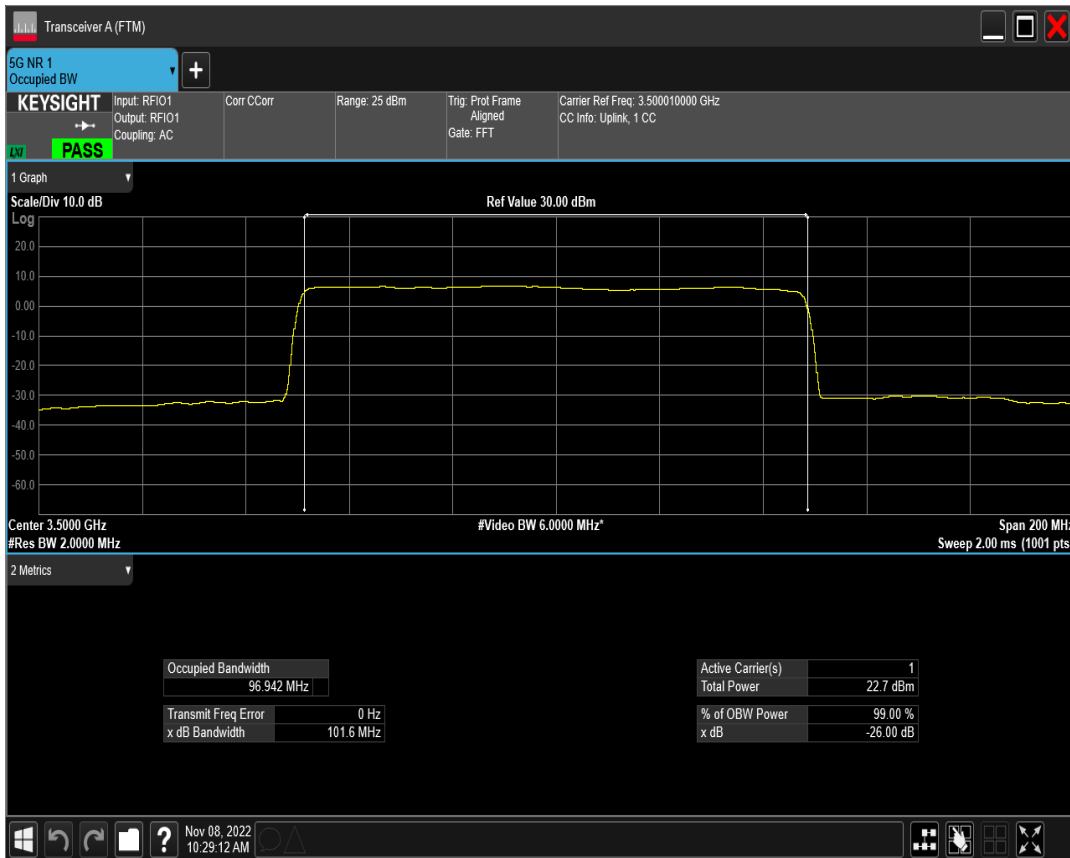
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



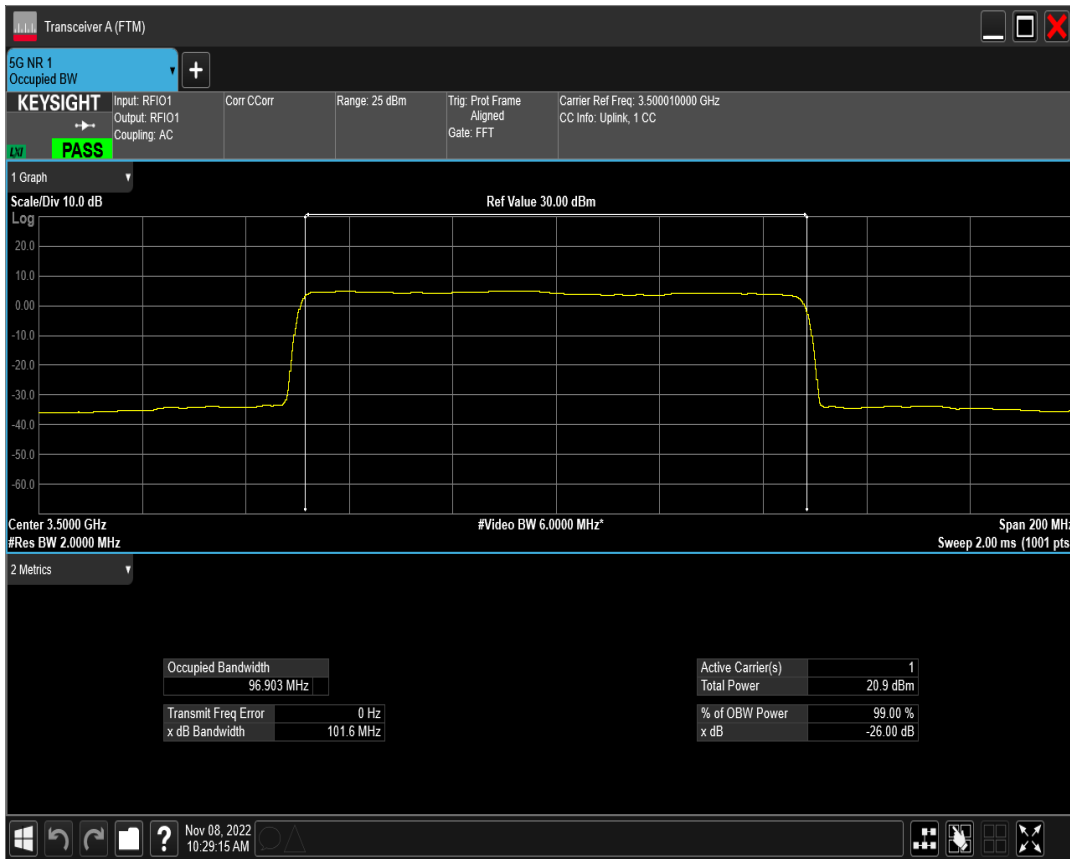
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0



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



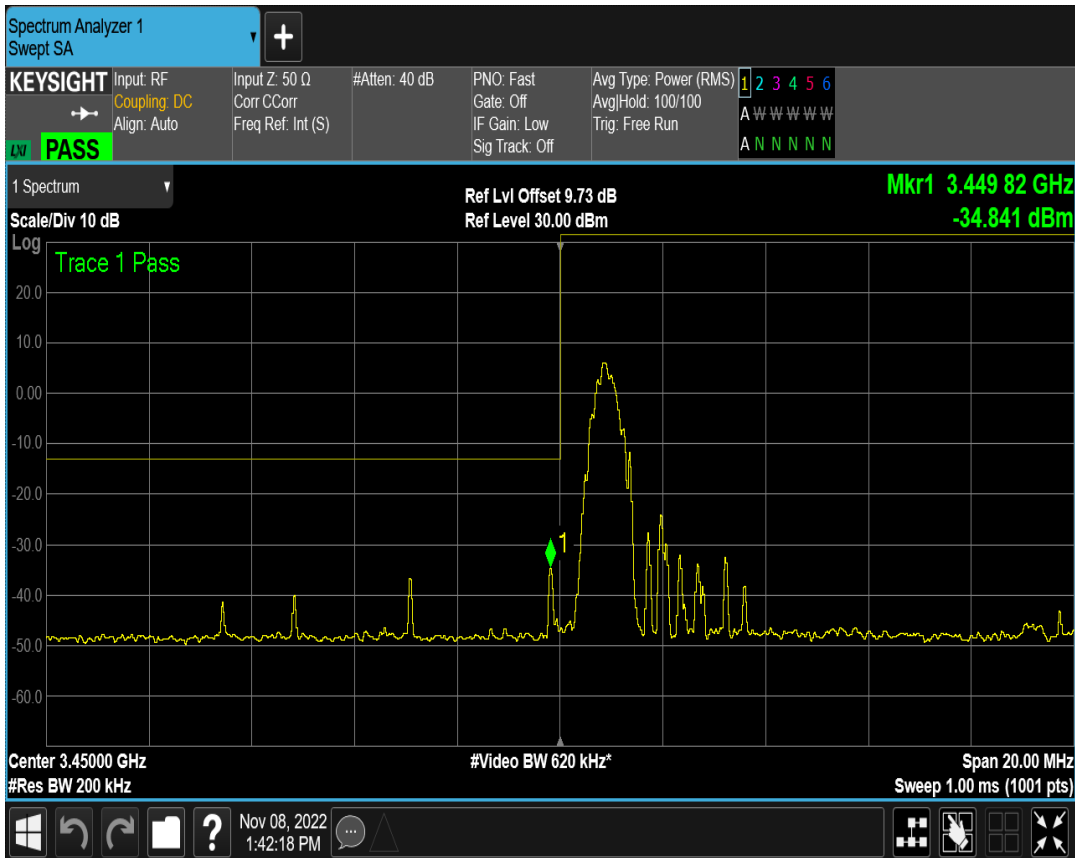
## 5 Band edge for NR FR1

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	3450.00	-37.39	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	3449.82	-34.84	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	3550.00	-40.65	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	3550.06	-32.84	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-31.40	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	3449.00	-38.57	-13	PASS

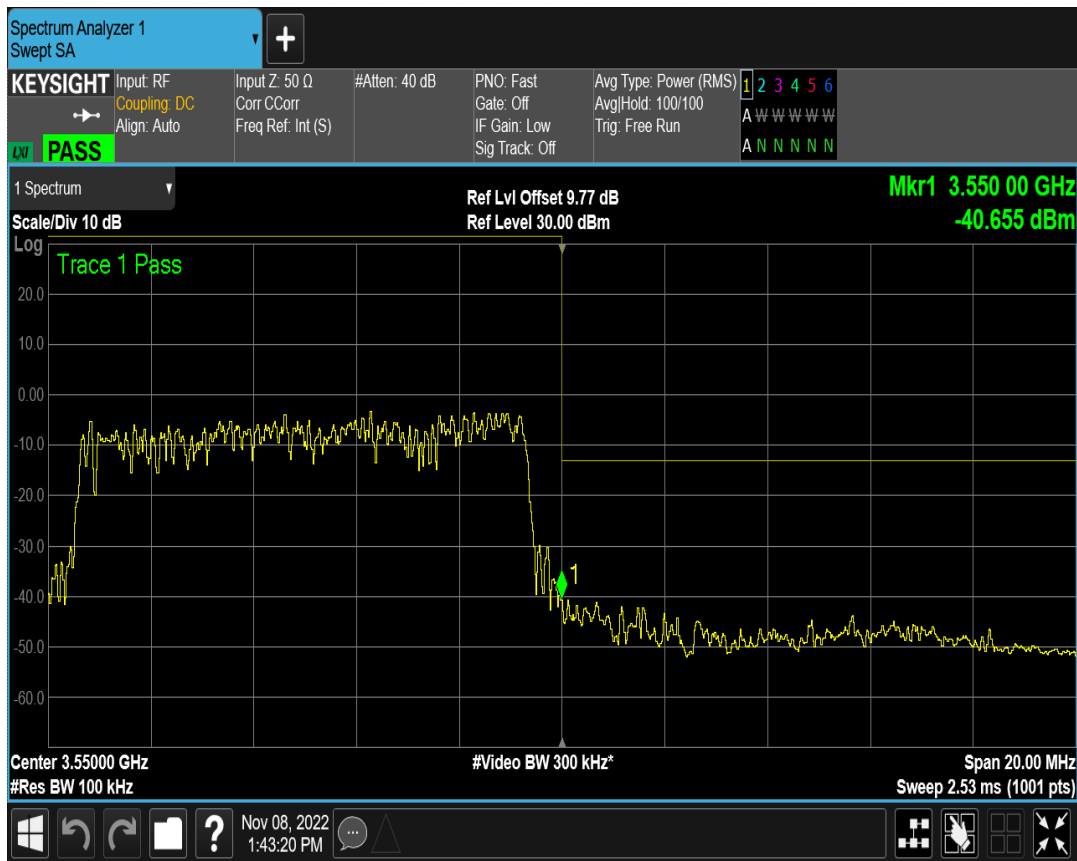
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0



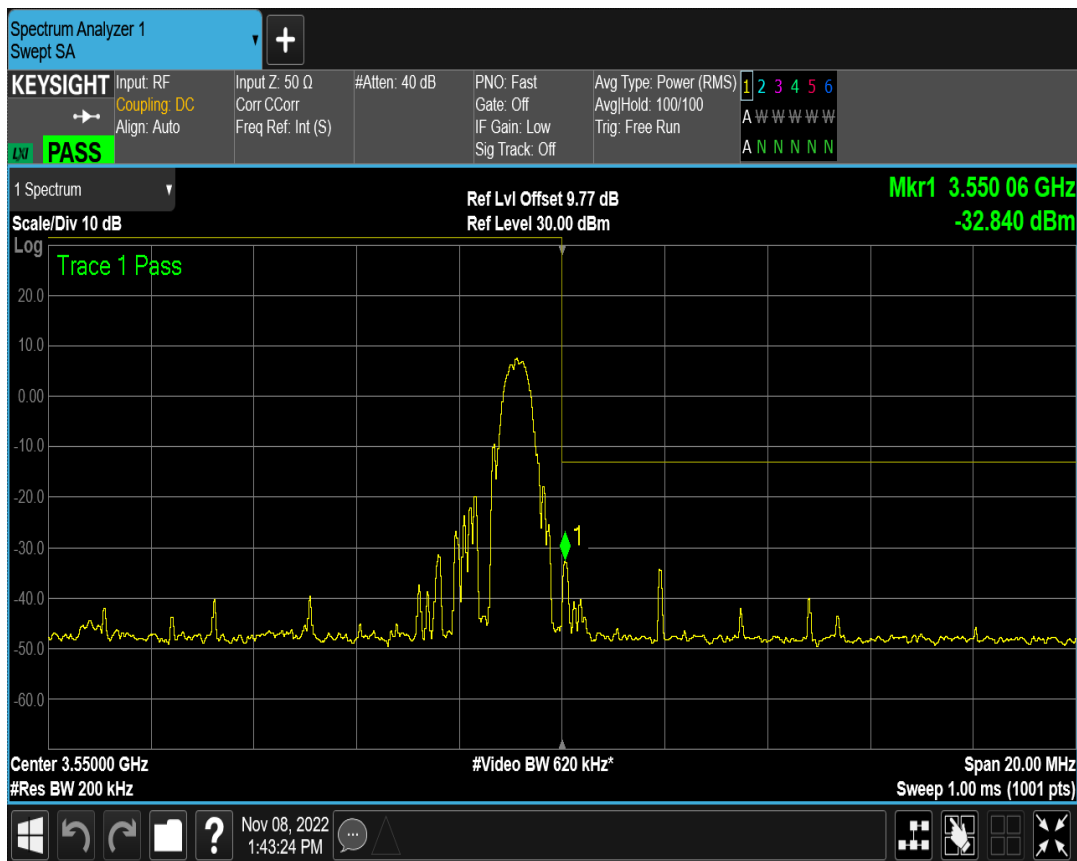
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



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

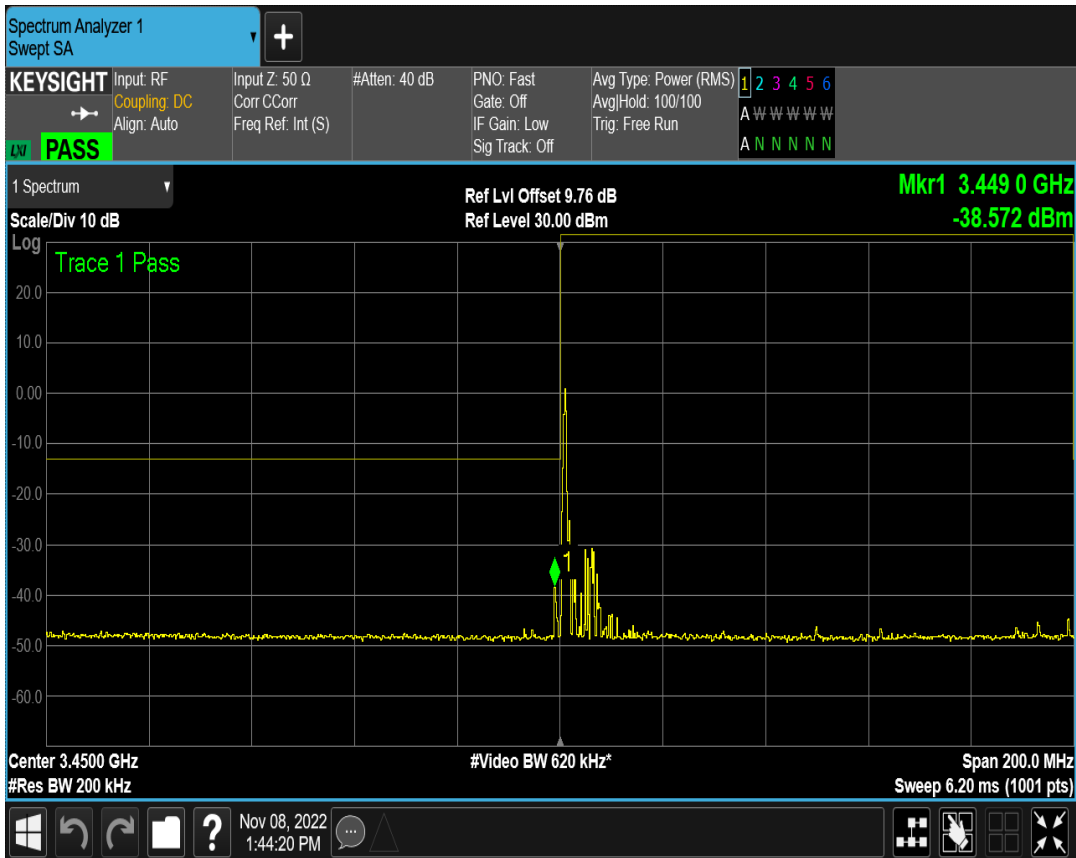




n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



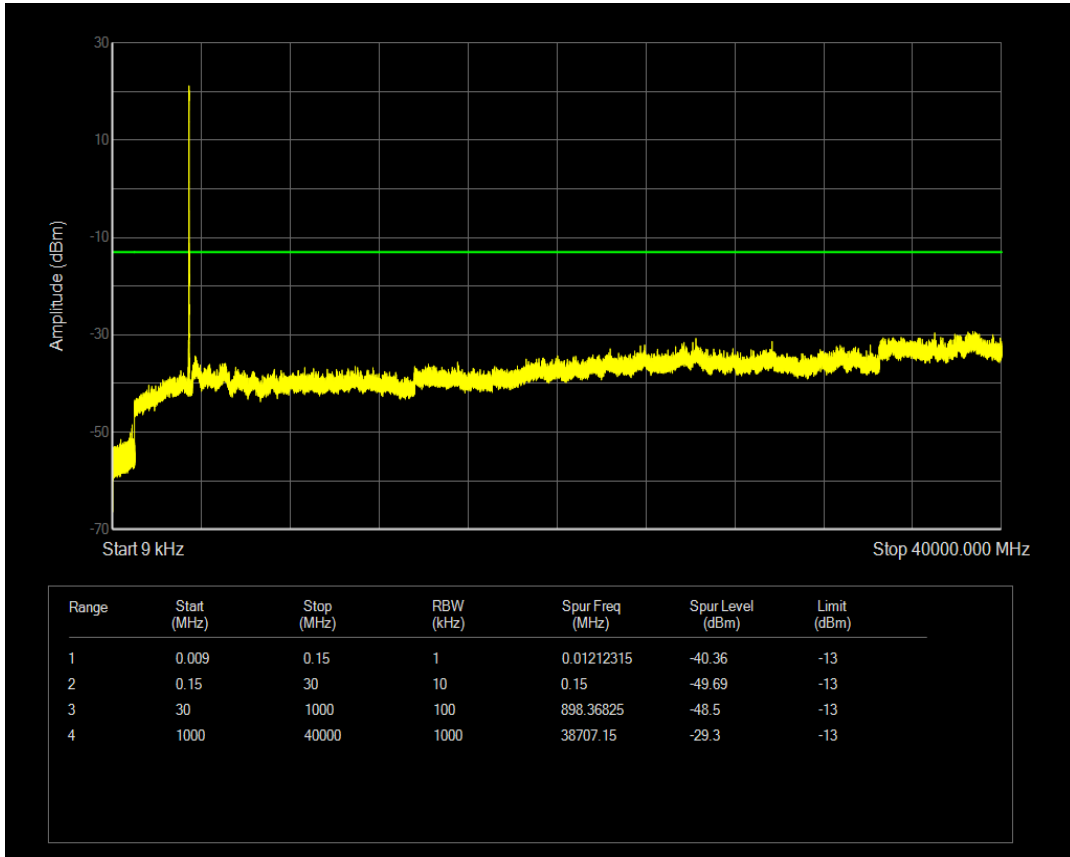
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



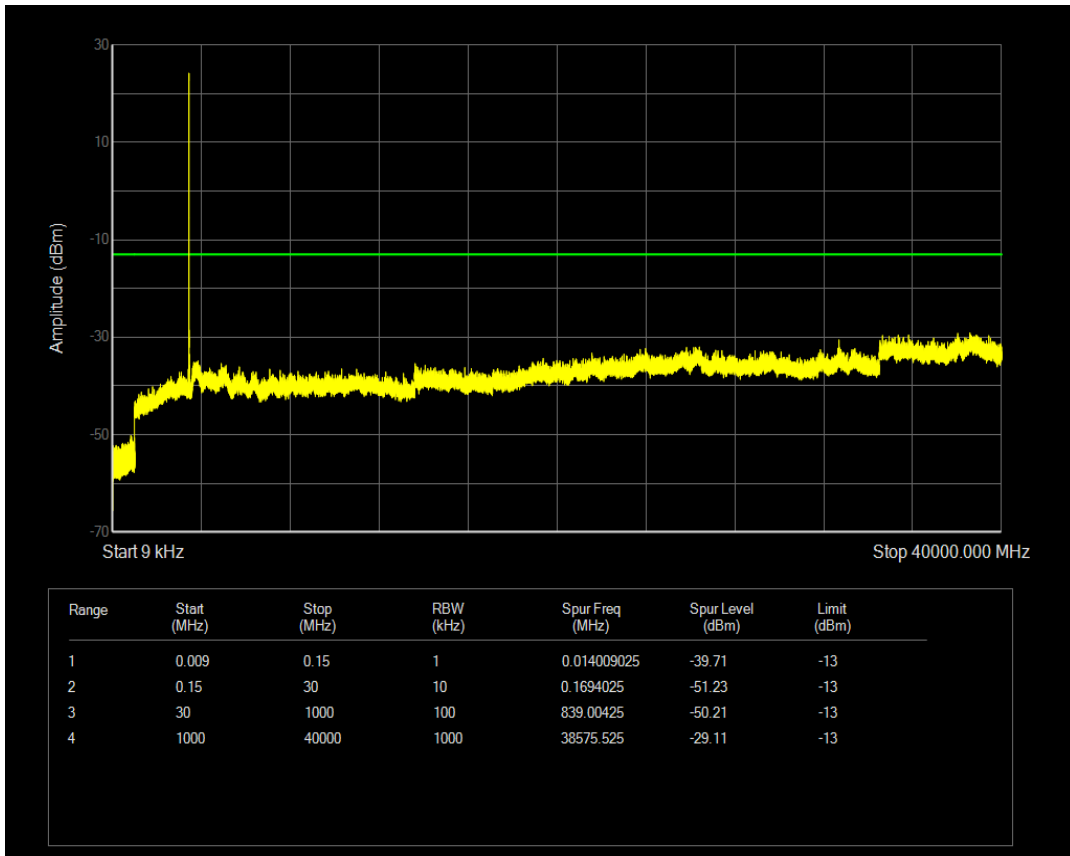
## 6 Out-of-band emissions for NR FR1

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	38707.15	-29.30	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	38575.53	-29.11	-13	PASS
n77(3450-3550)	30	10	630334	1@23	DFT_QPSK	38854.38	-28.32	-13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	38635.98	-28.60	-13	PASS
n77(3450-3550)	30	10	633334	1@0	DFT_QPSK	38021.73	-29.02	-13	PASS
n77(3450-3550)	30	10	633334	1@23	DFT_QPSK	38691.55	-27.37	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	38966.50	-28.68	-13	PASS
n77(3450-3550)	30	10	636332	1@0	DFT_QPSK	38541.40	-28.81	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	38608.68	-28.69	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	37754.58	-29.00	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	38687.65	-28.62	-13	PASS
n77(3450-3550)	30	100	633334	1@272	DFT_QPSK	34506.85	-27.74	-13	PASS

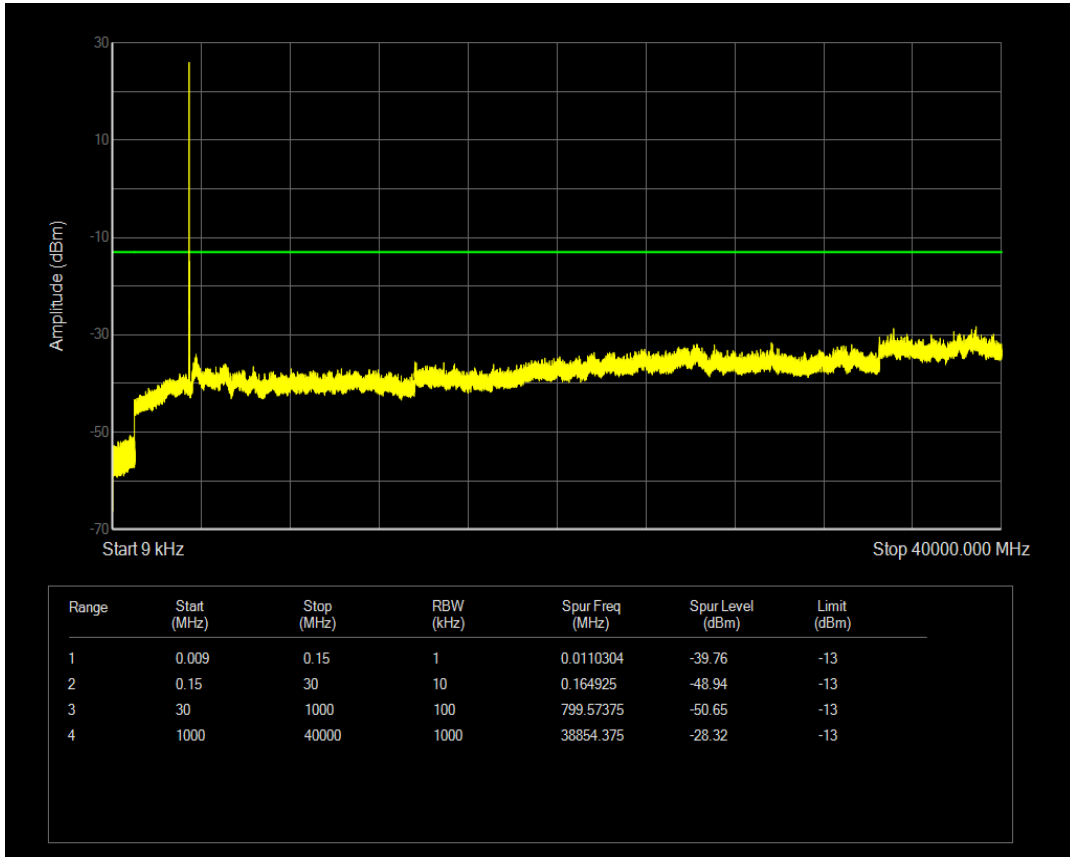
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=24@0



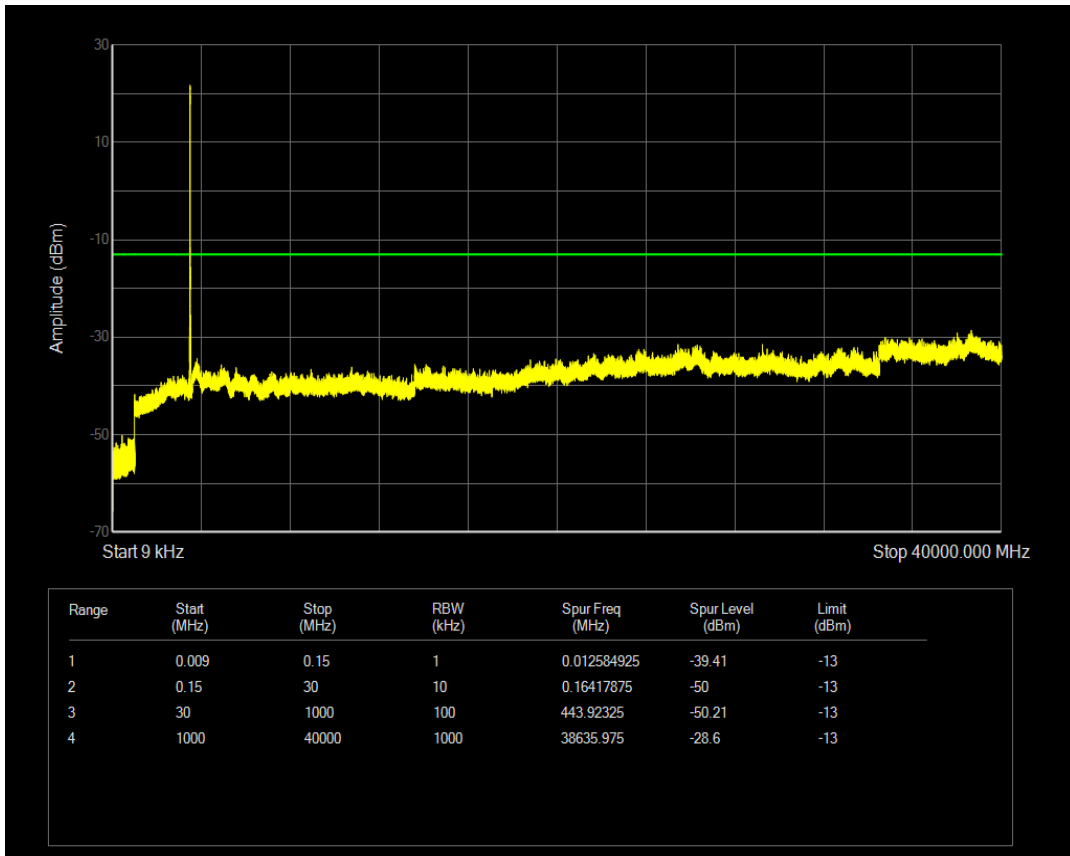
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



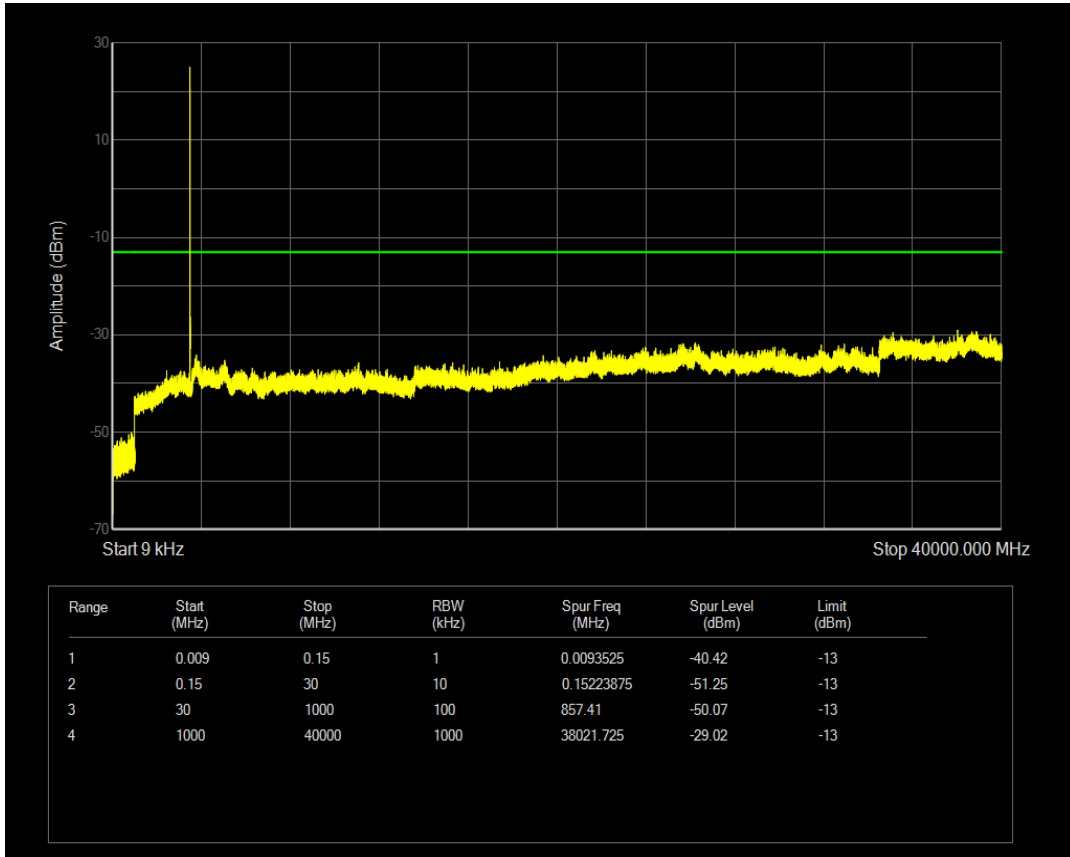
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@23



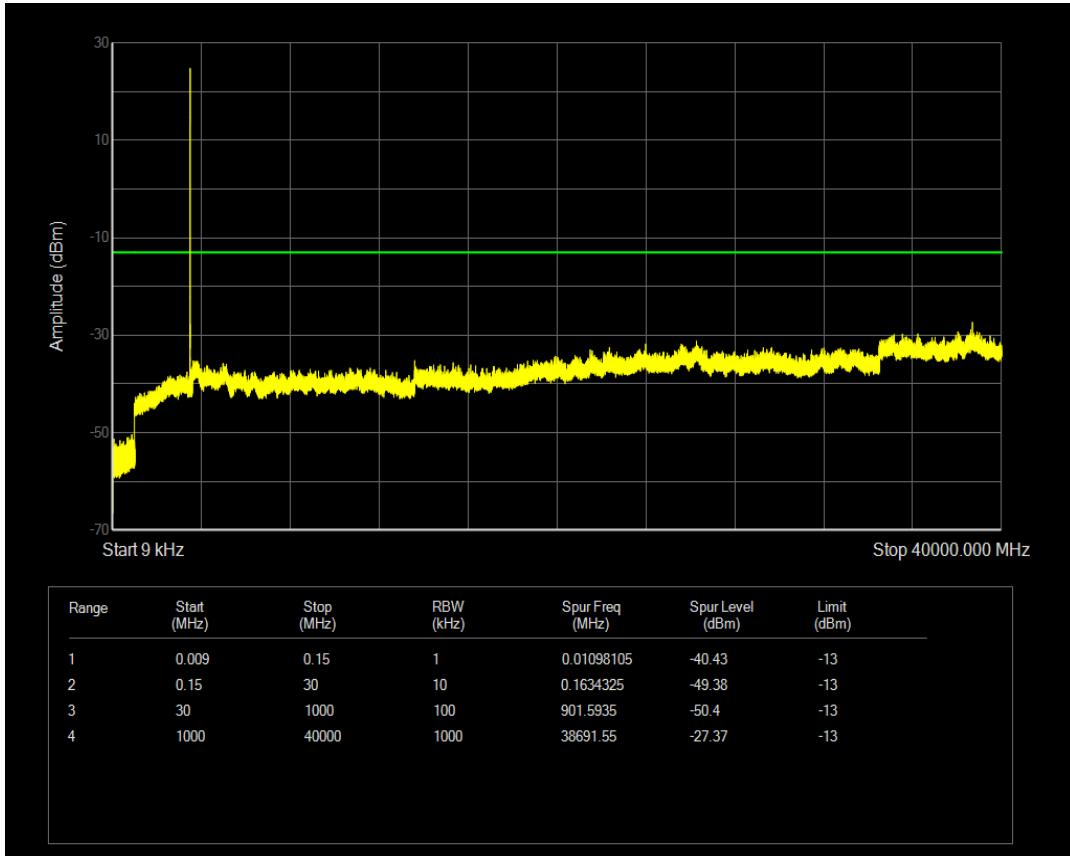
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



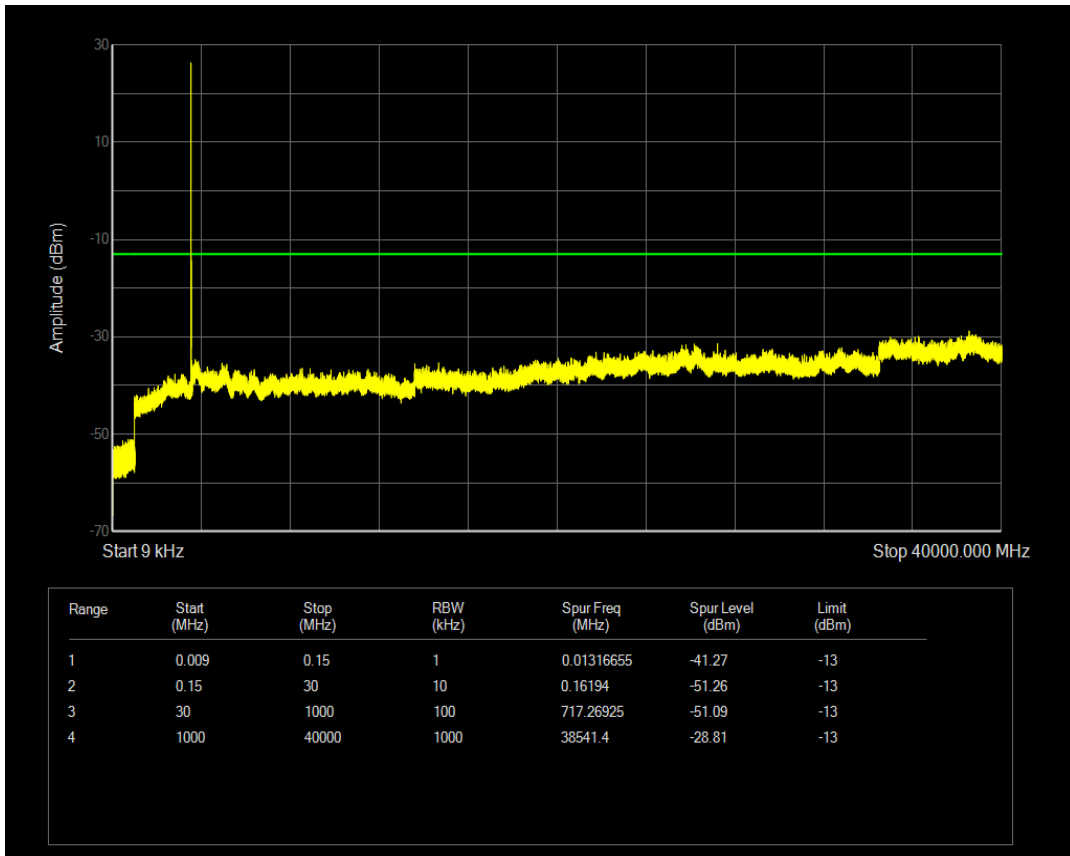
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1 @0



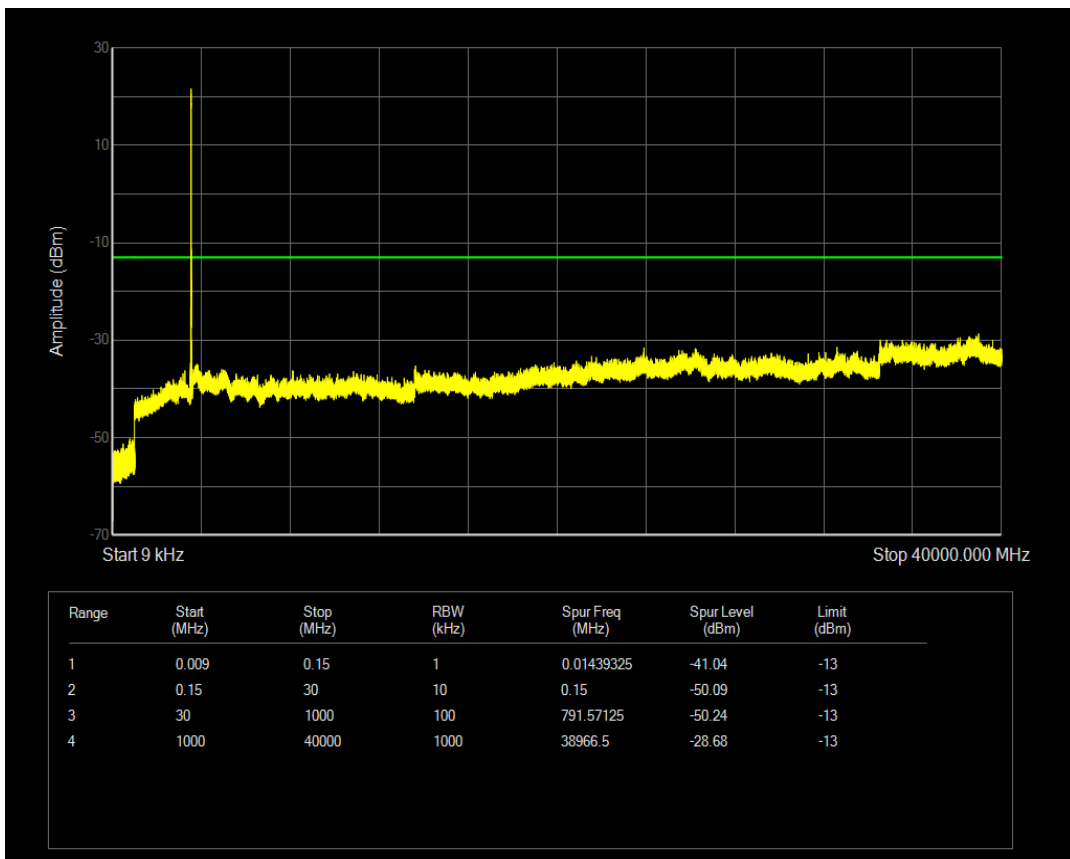
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1 @23



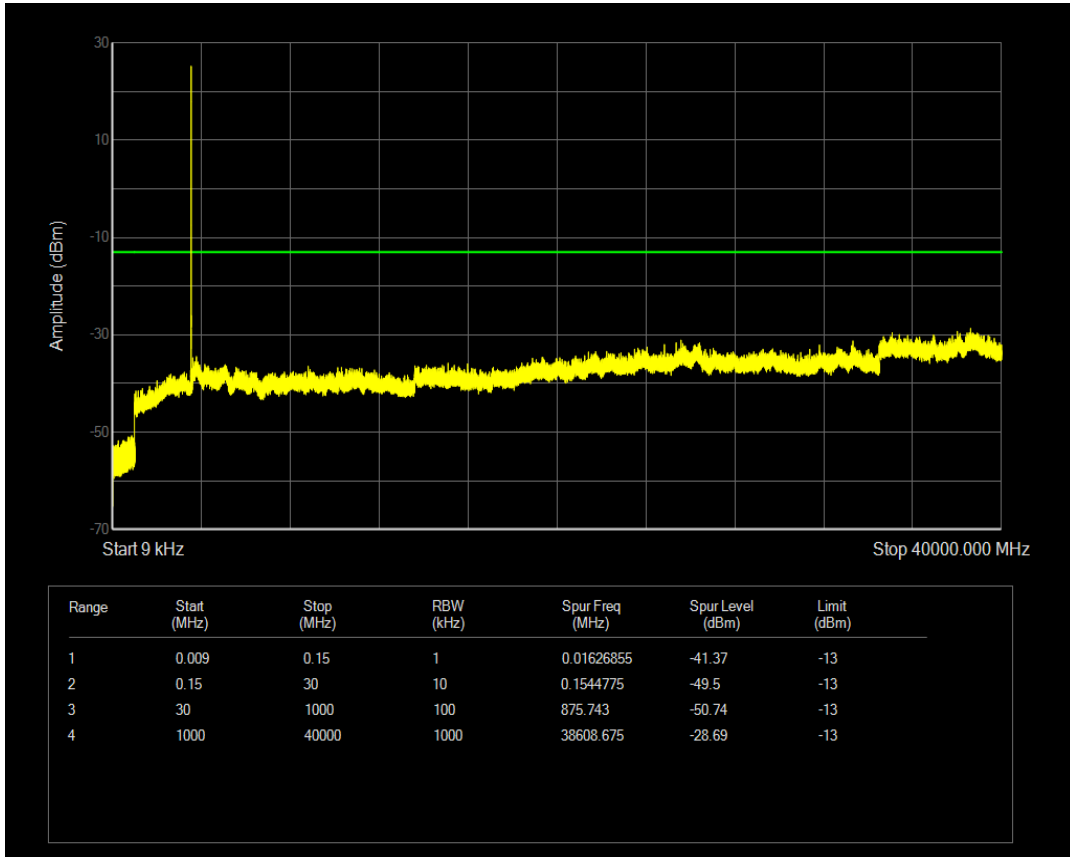
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@0



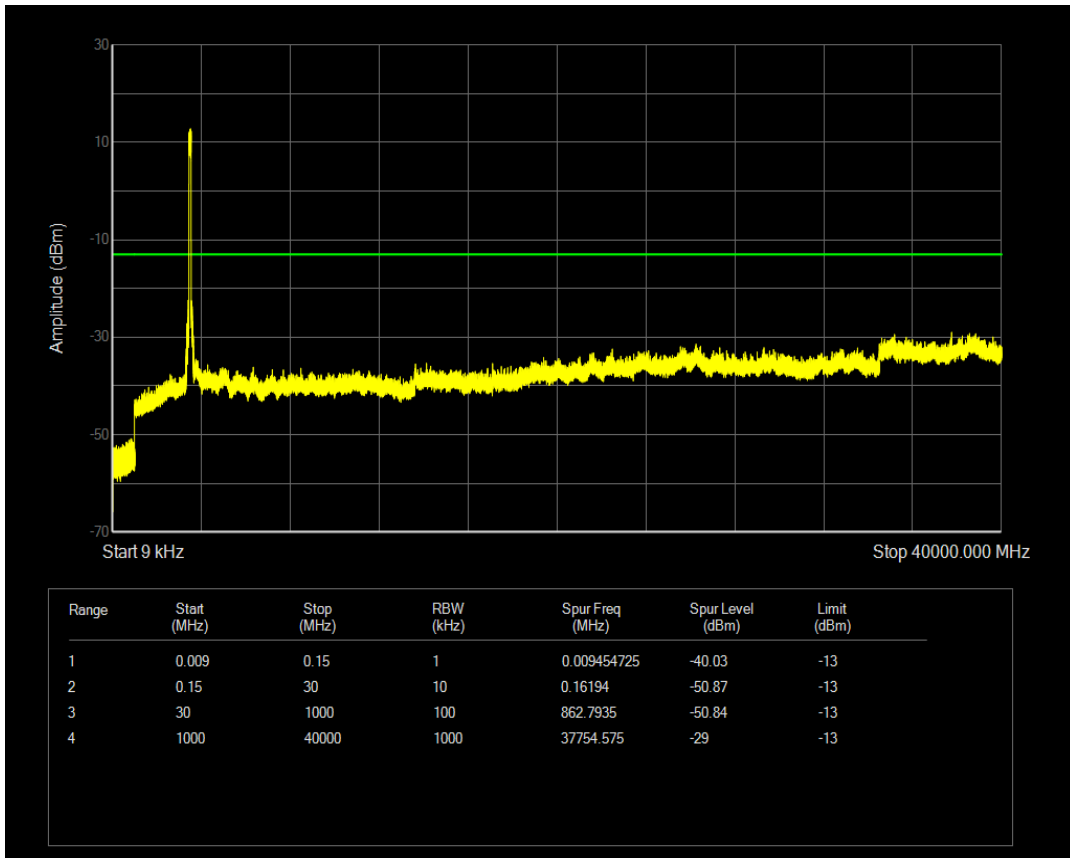
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



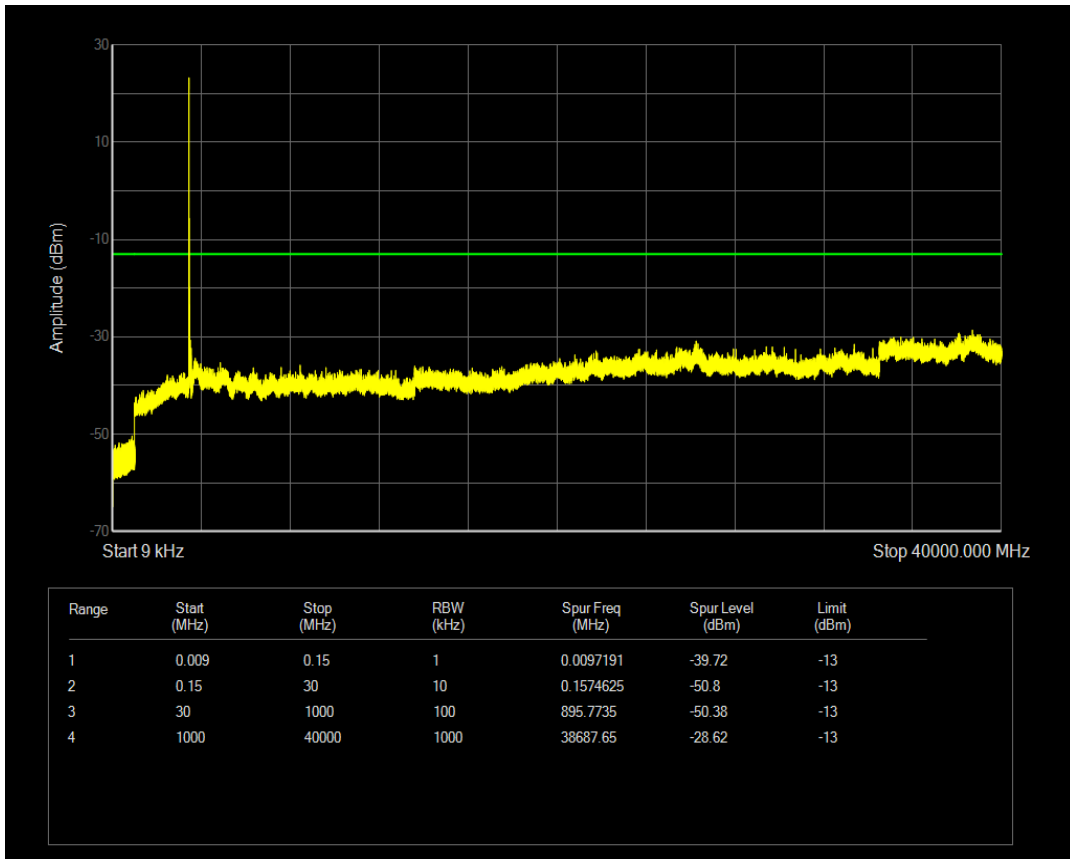
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@23



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



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

