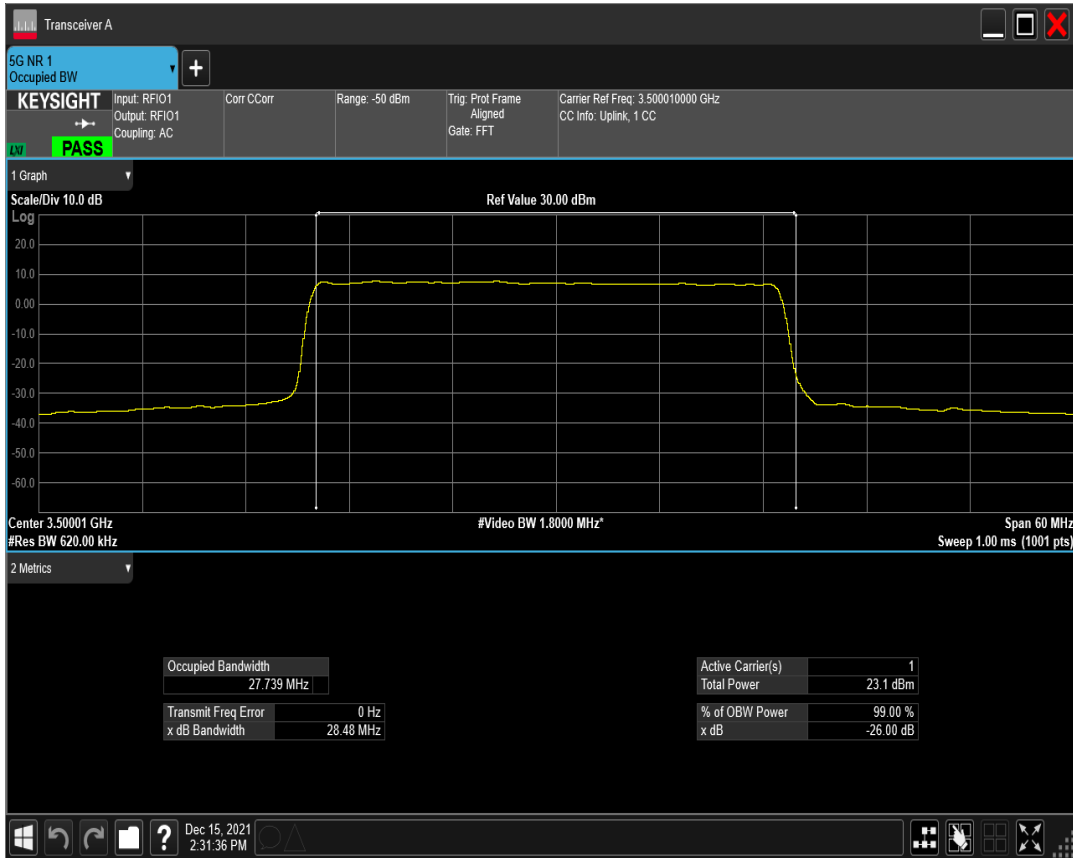
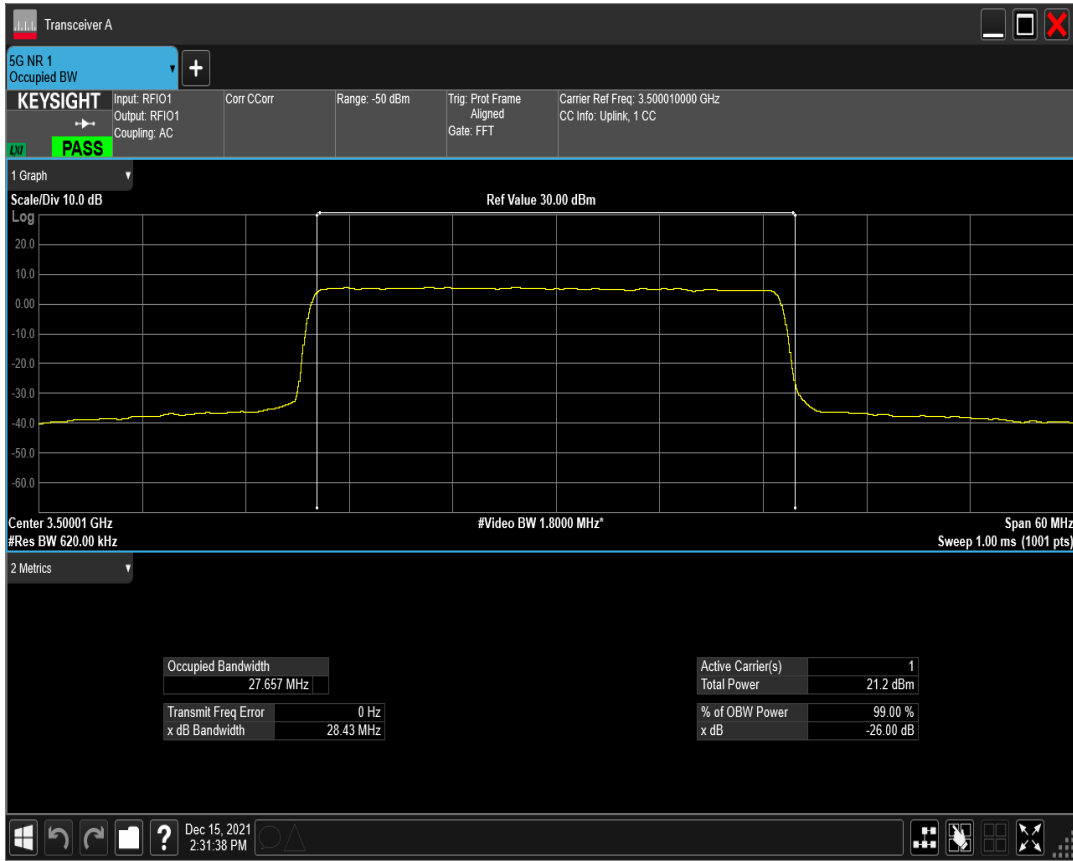


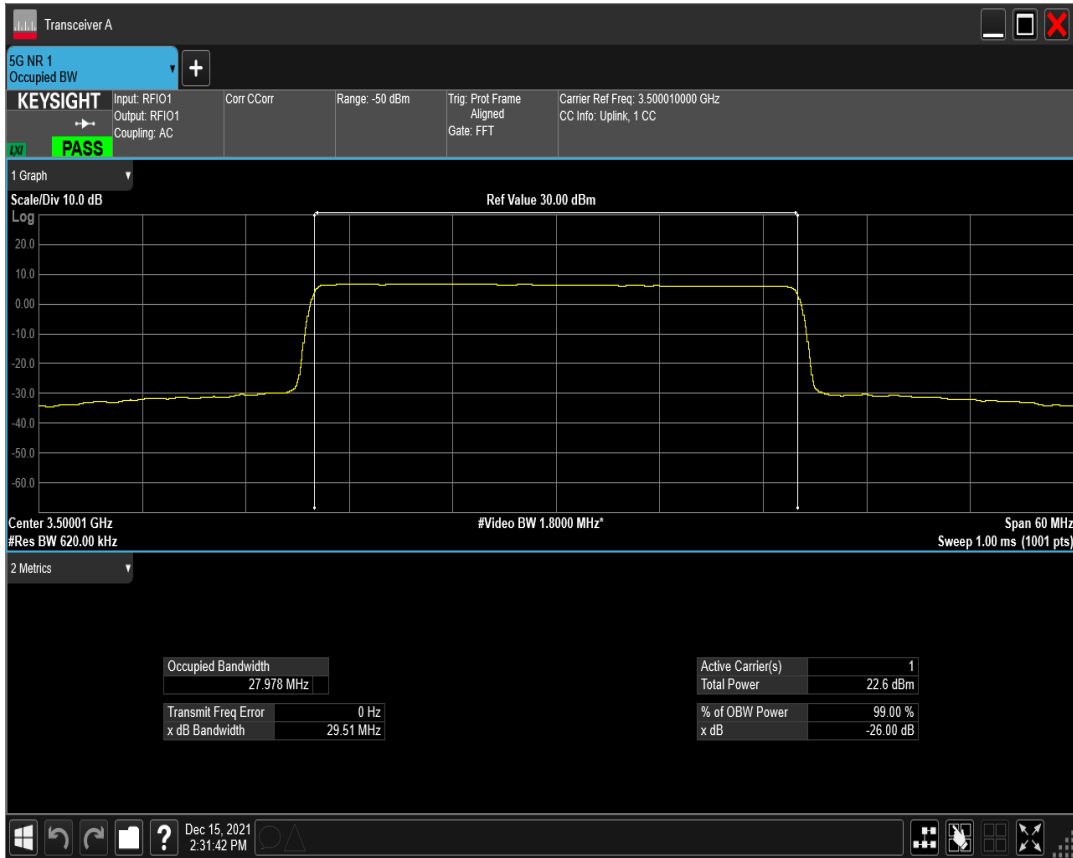
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0



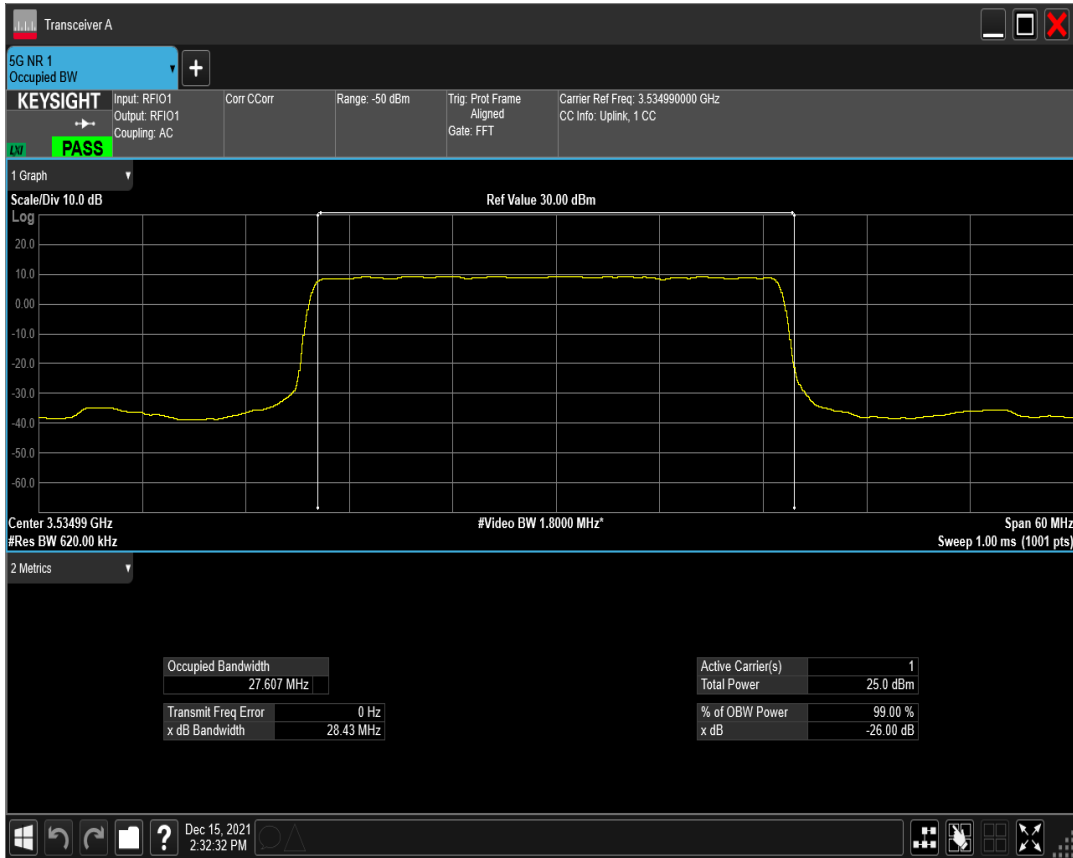
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=75@0



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



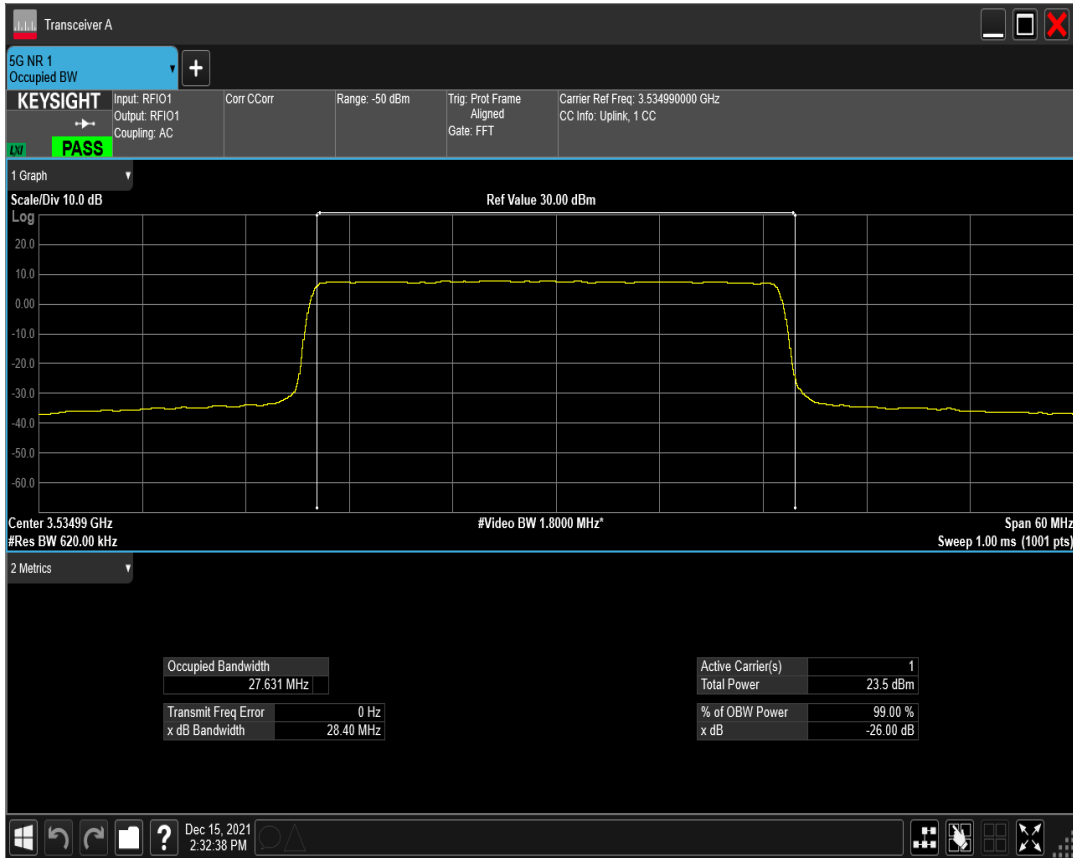
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=635666 RB=75@0



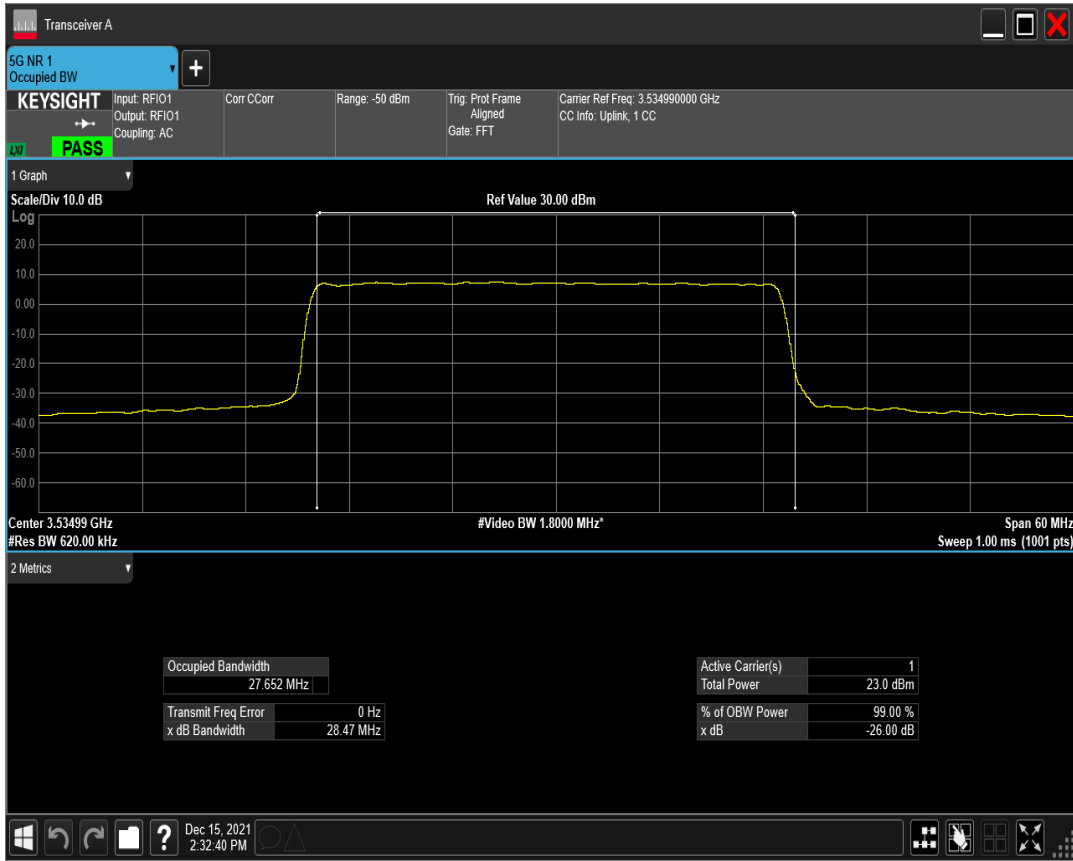
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=635666 RB=75@0



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

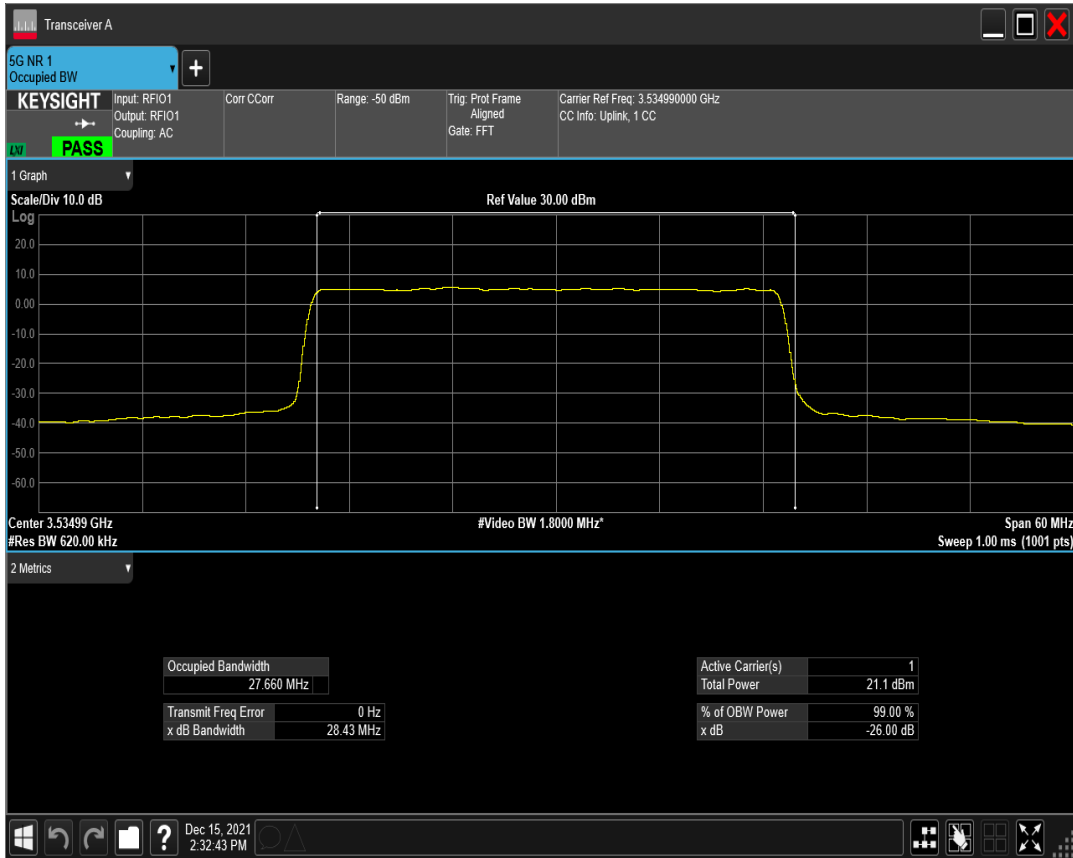


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=75@0

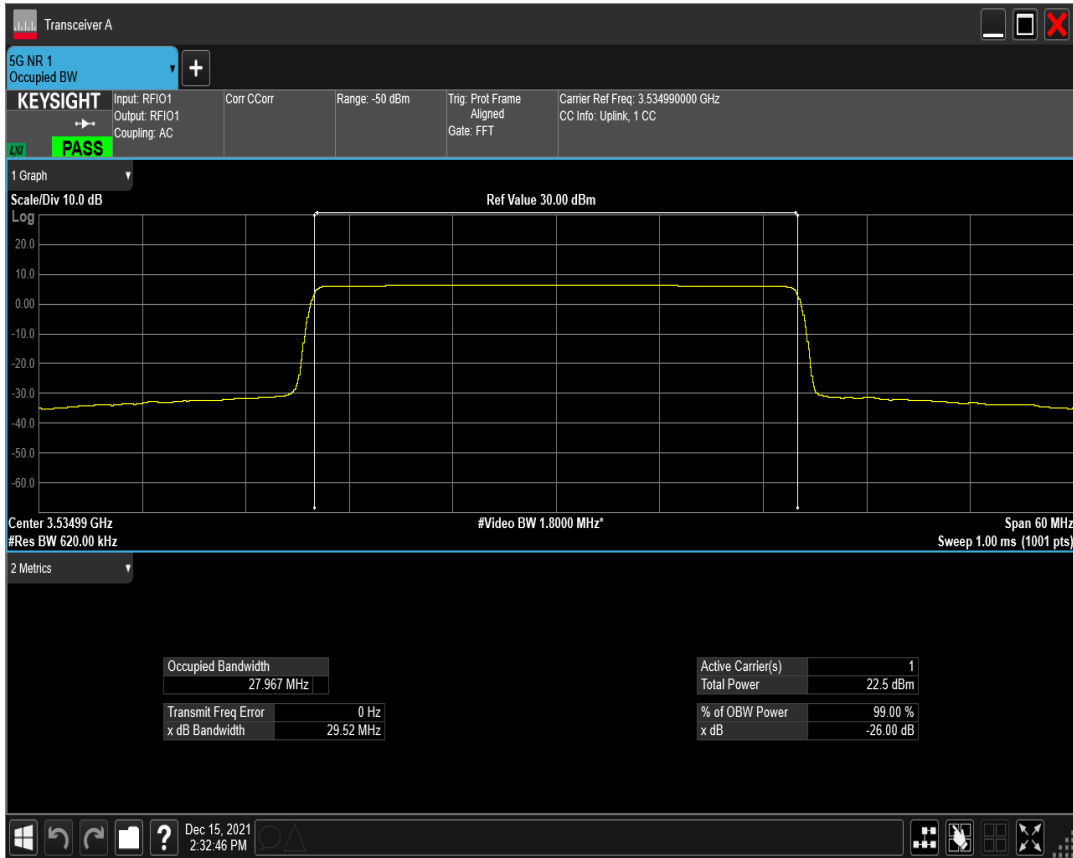


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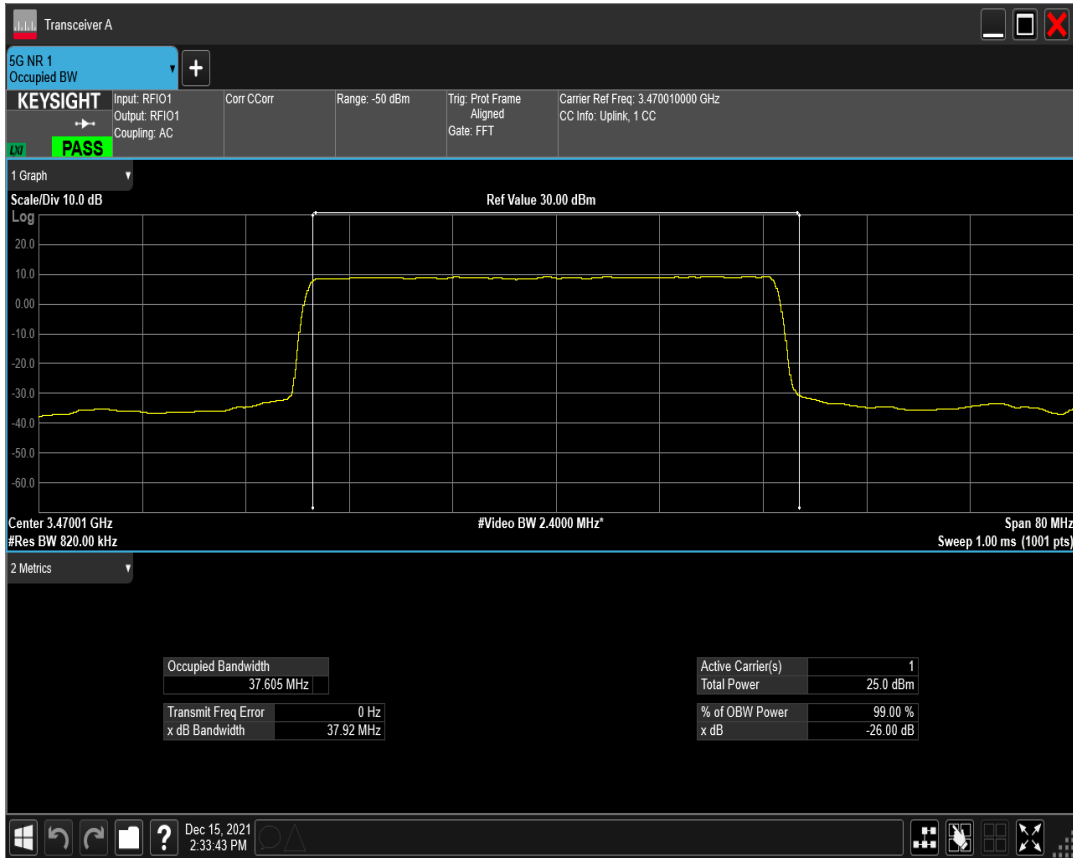




n77(3450-3550) SCS=30kHz CP\_QPSK BW=30MHz Channel=635666 RB=78@0



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



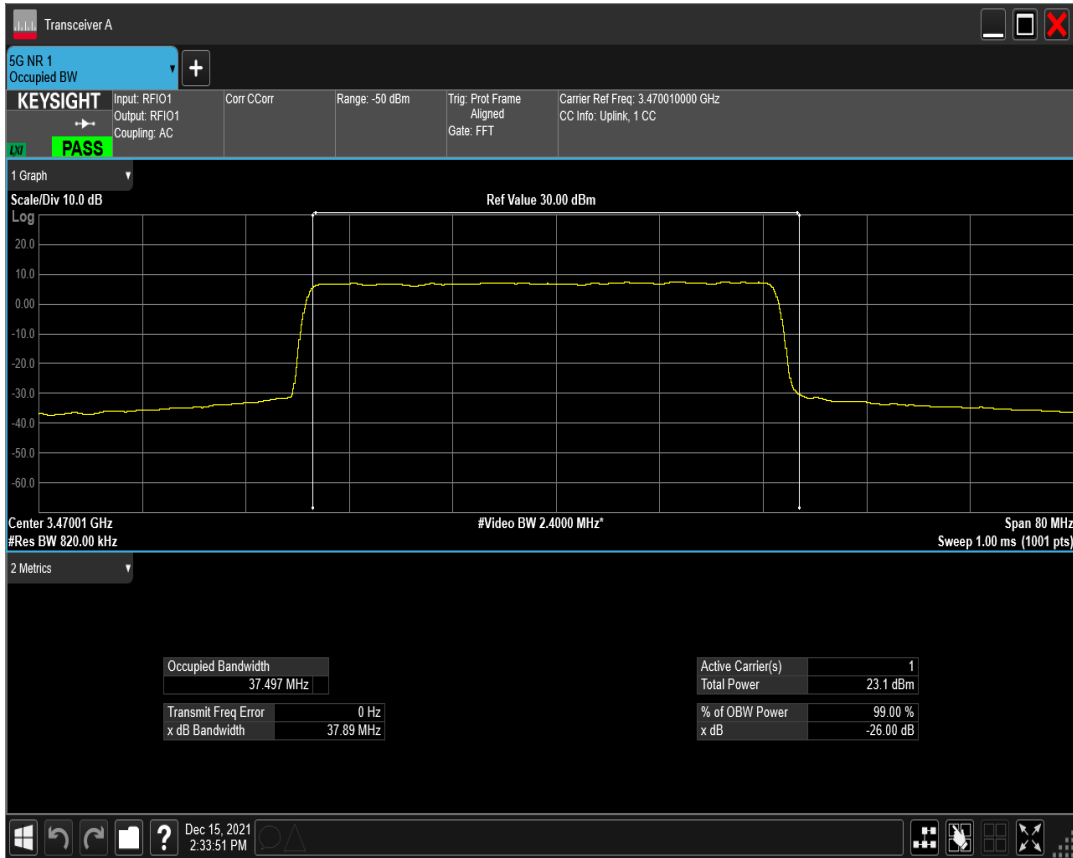
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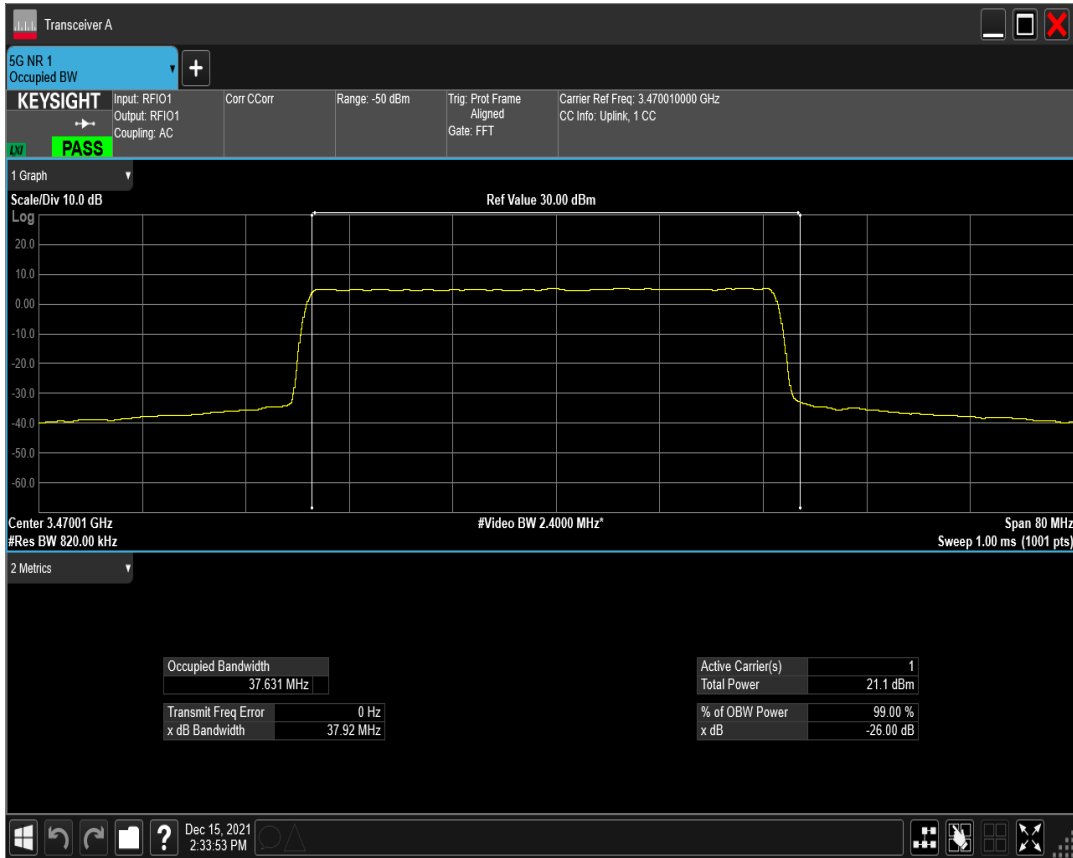
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=631334 RB=100@0



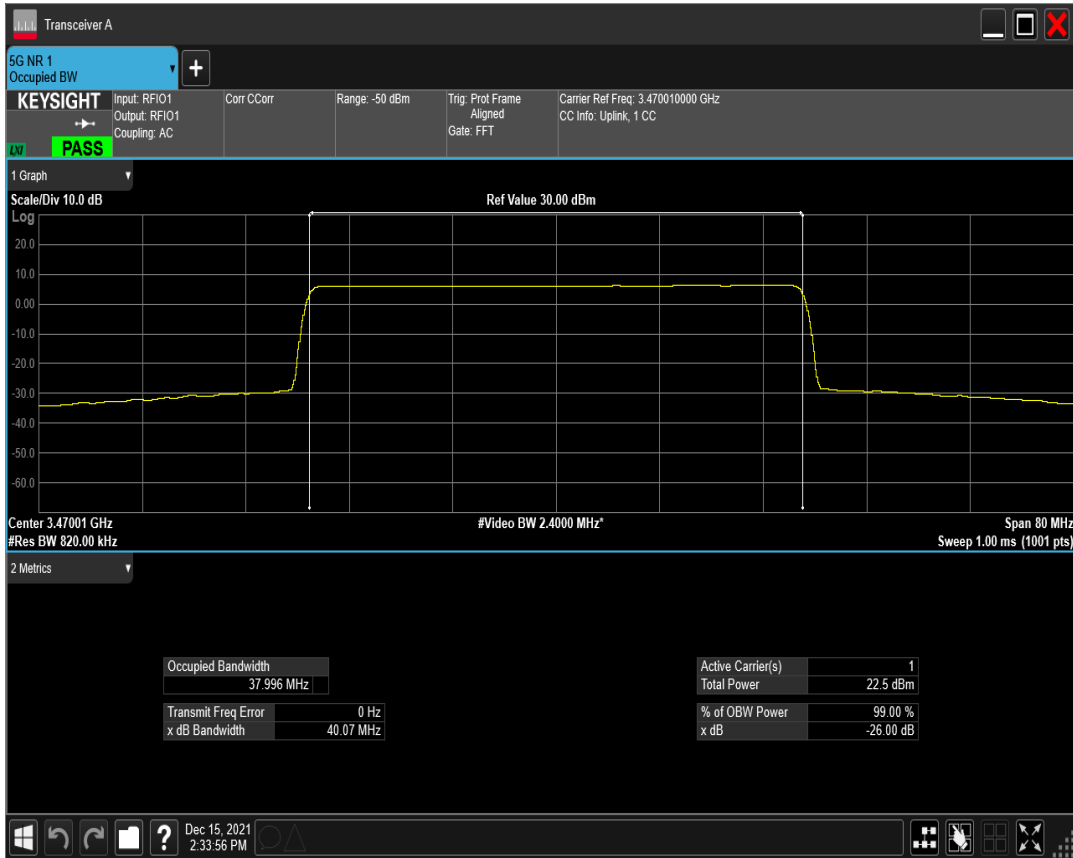
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=631334 RB=100@0



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

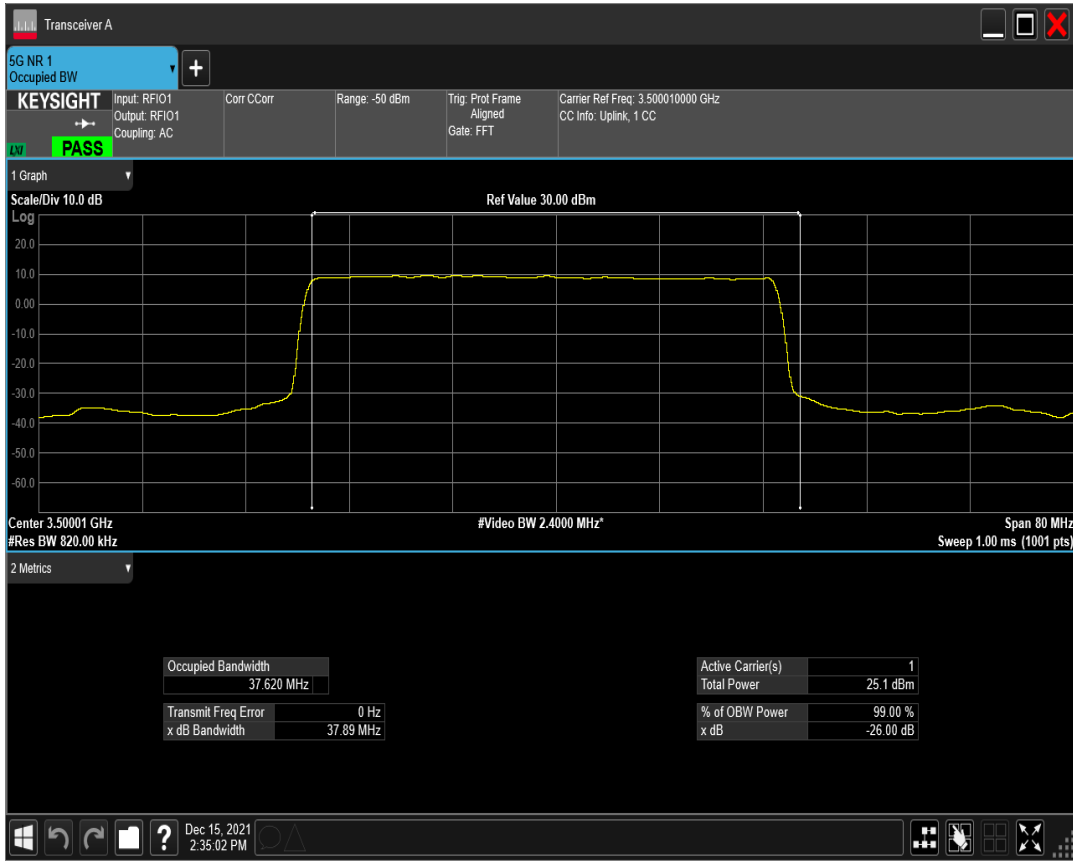


n77(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=631334 RB=106@0

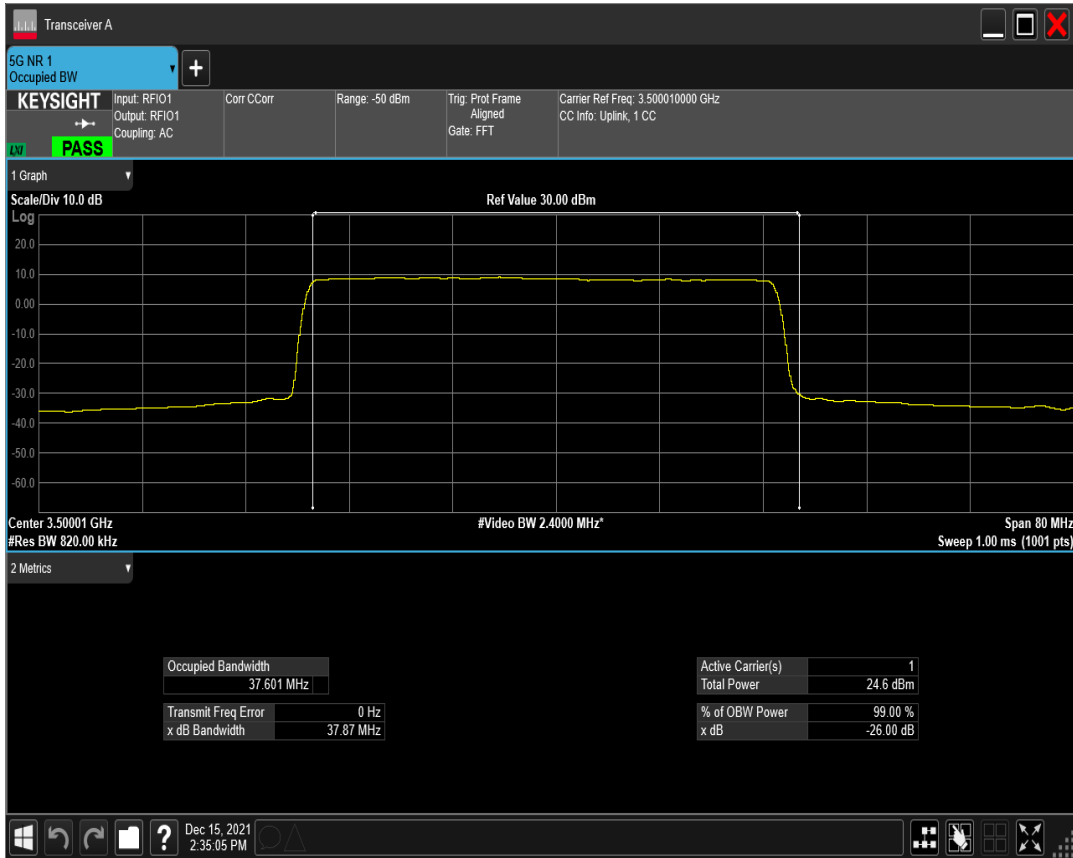


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0

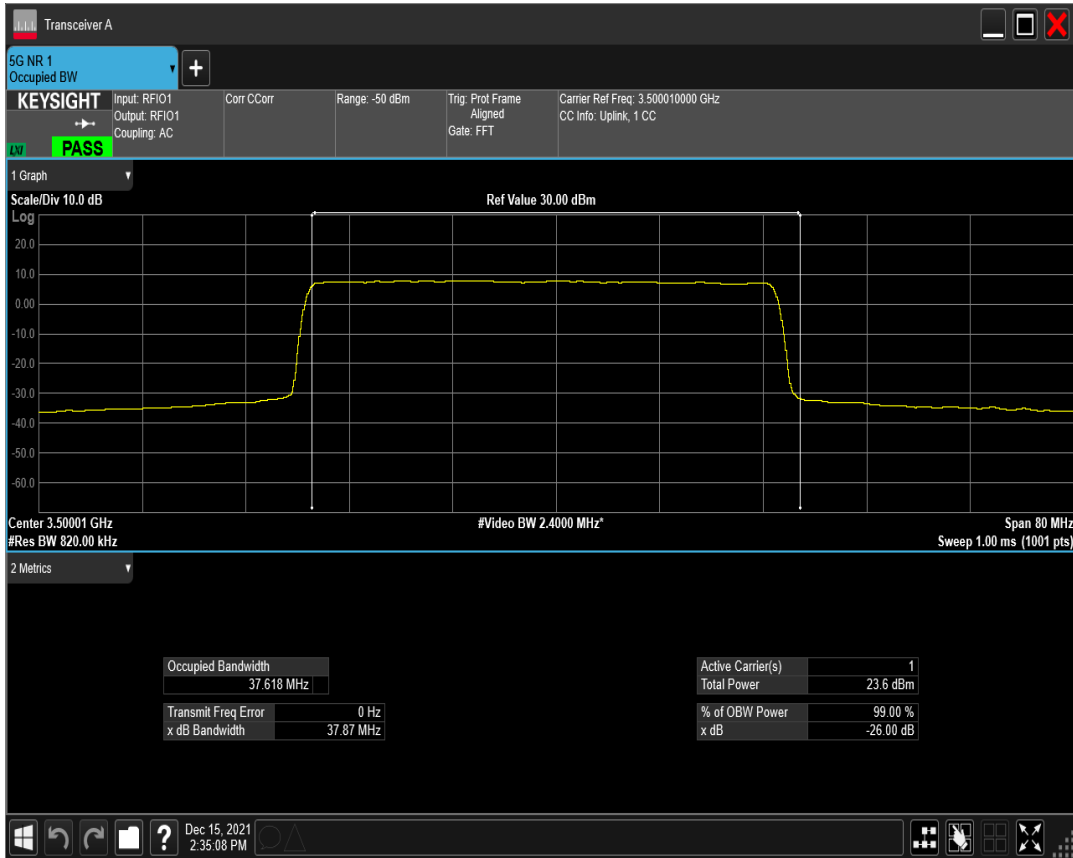




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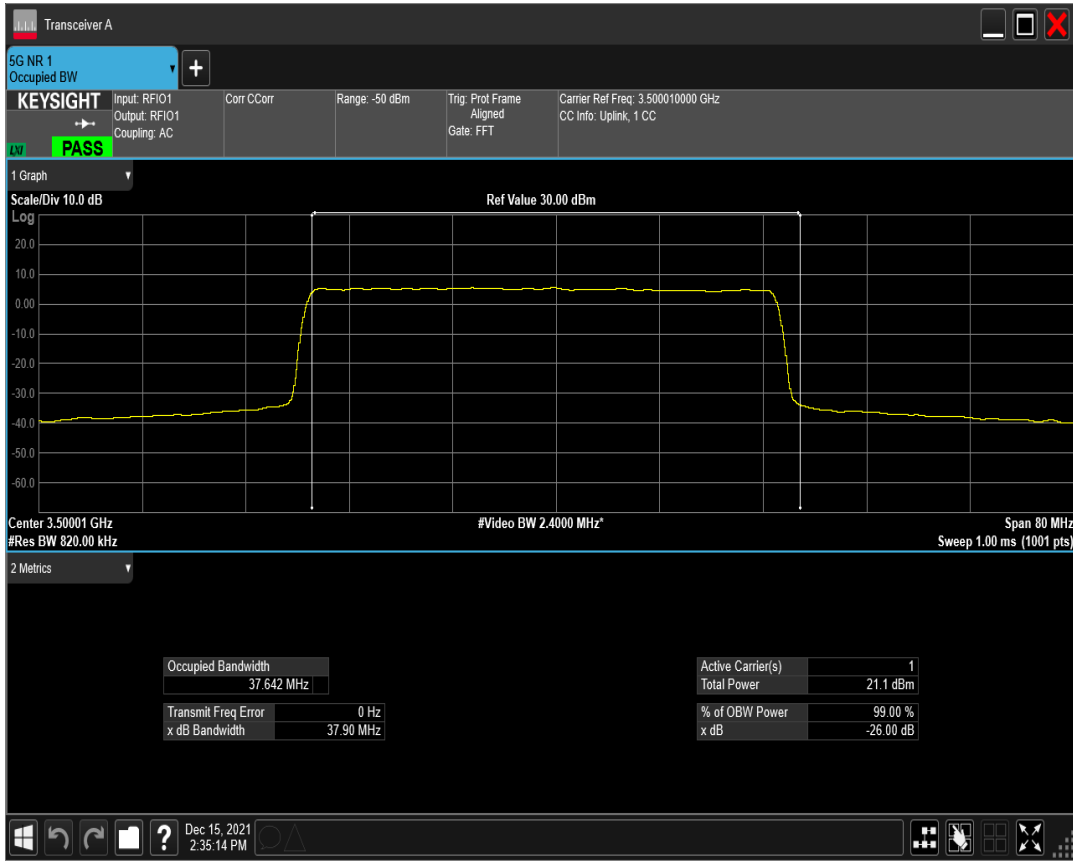
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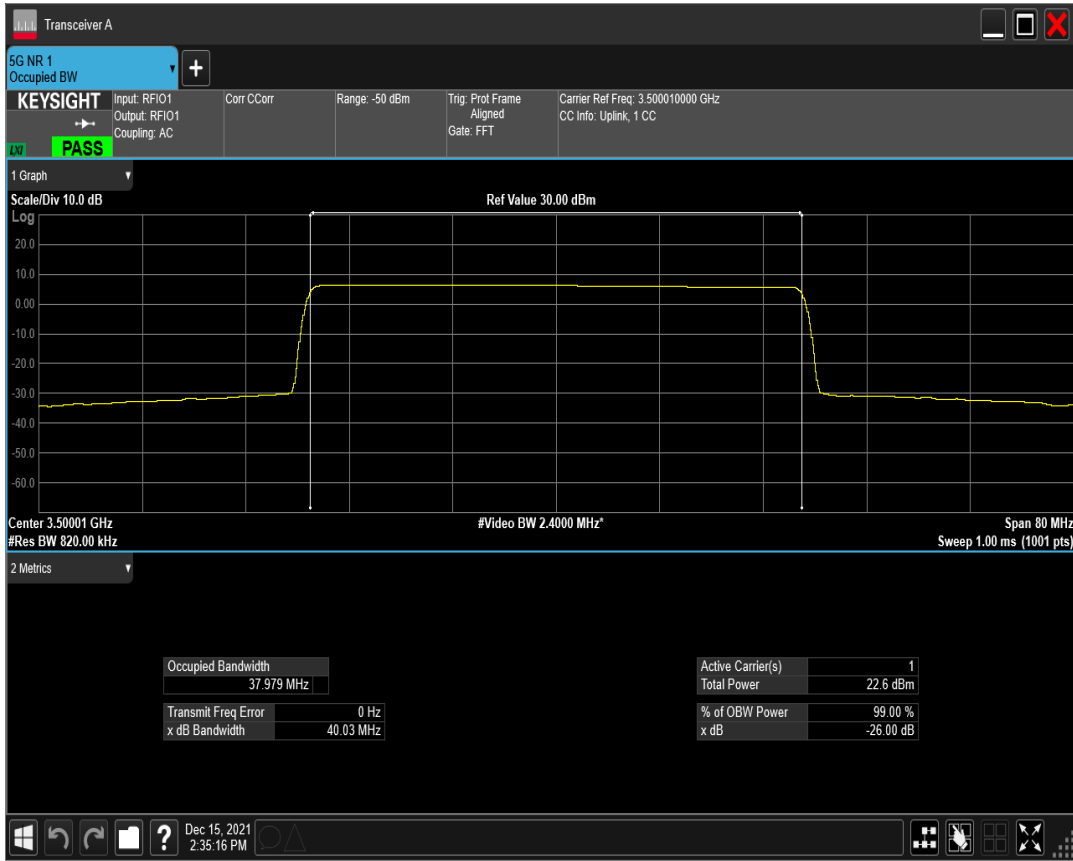
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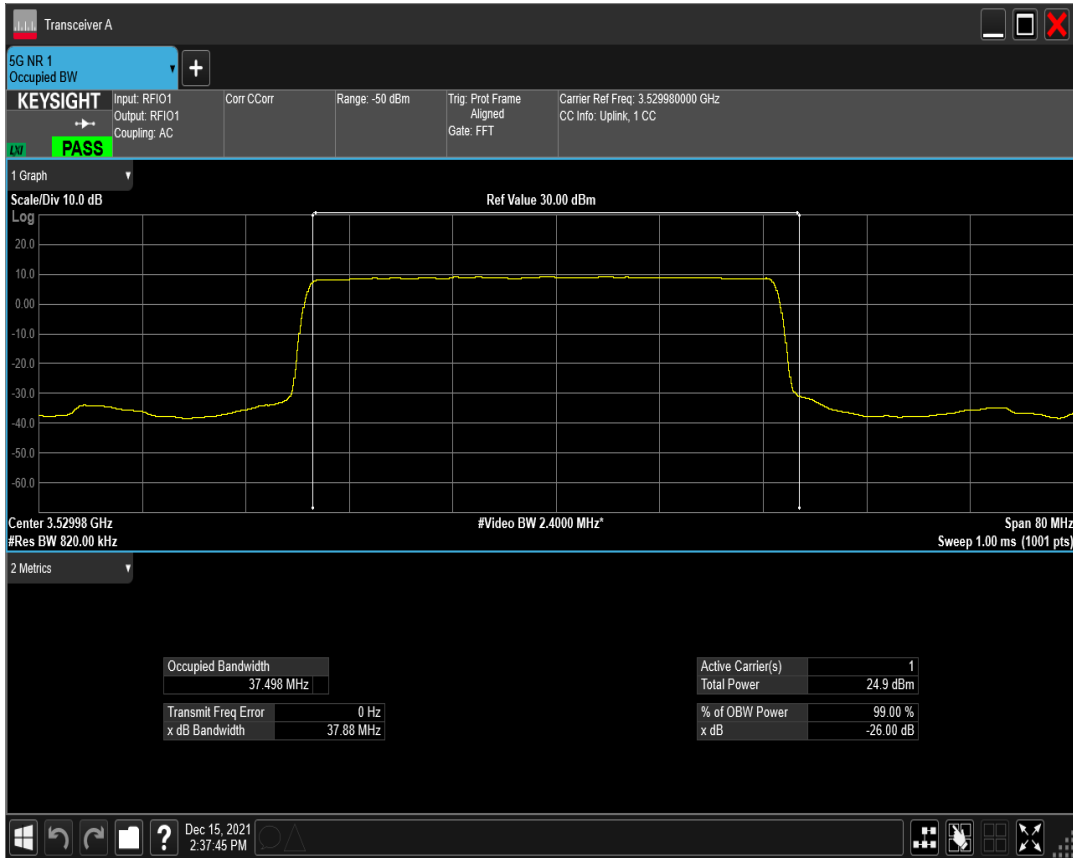
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=40MHz Channel=633334 RB=106@0



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

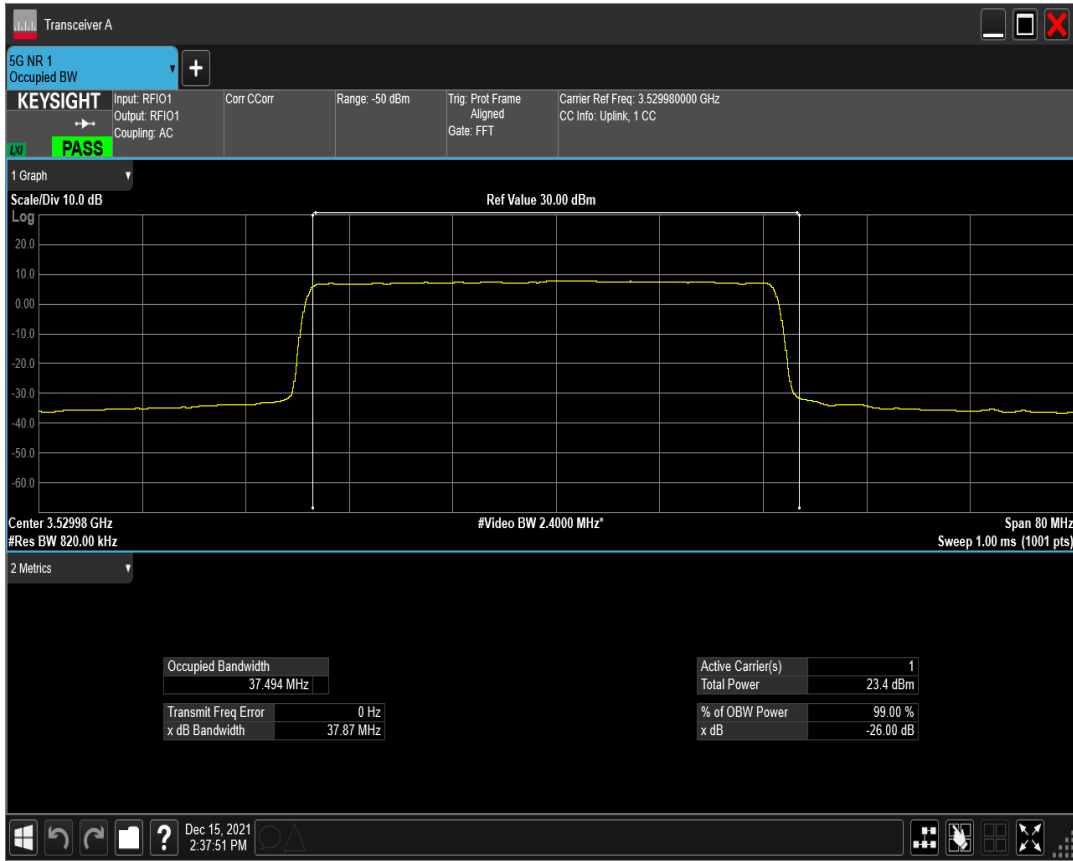


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=40MHz Channel=635332 RB=100@0

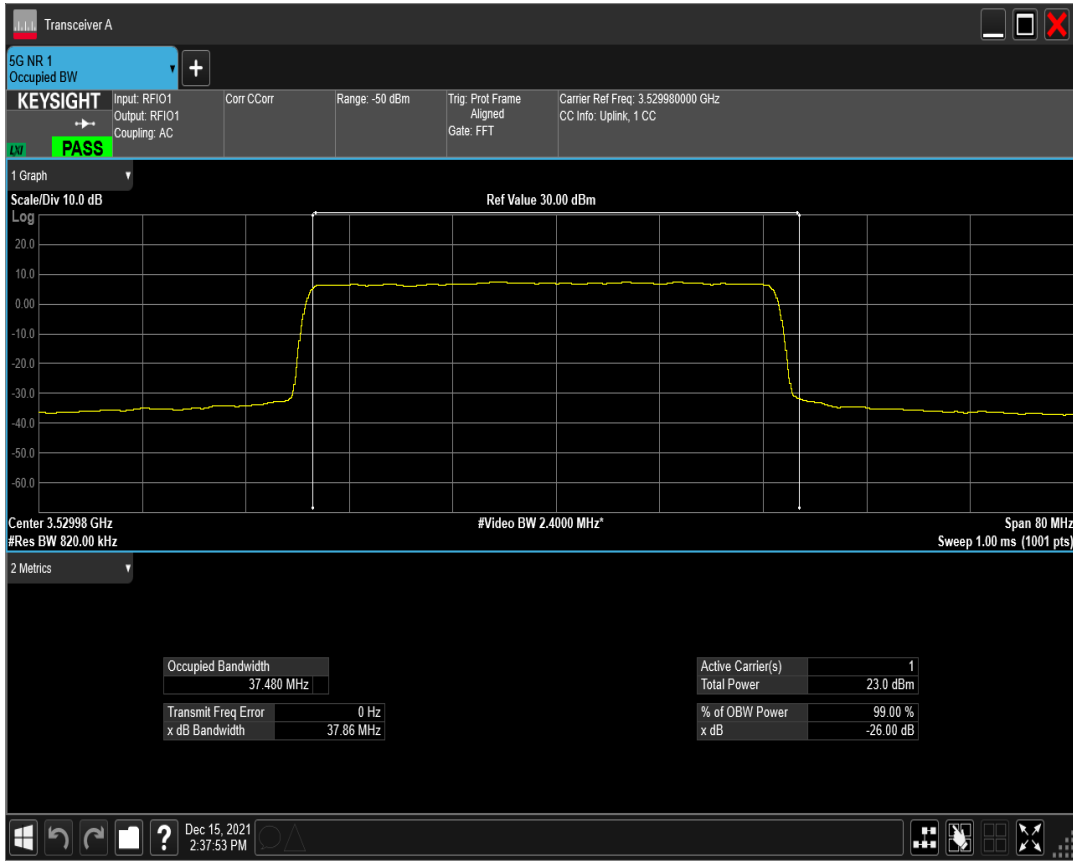


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=635332 RB=100@0

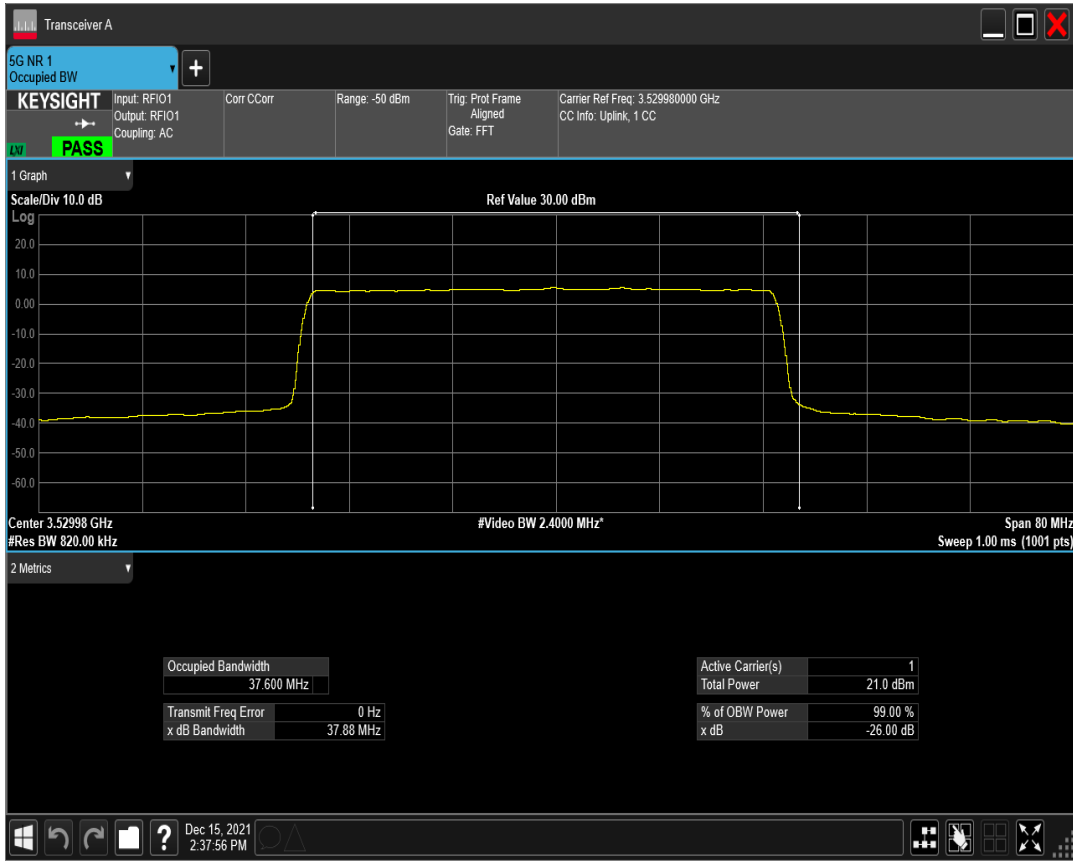




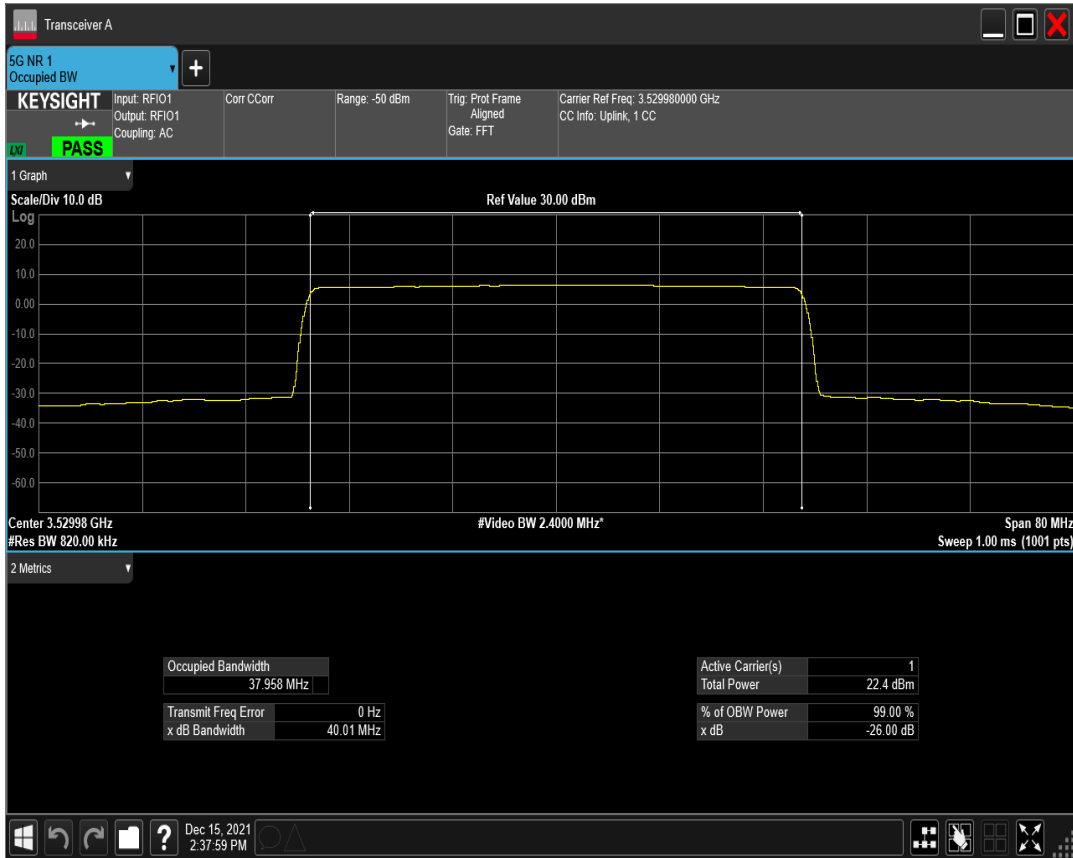
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=635332 RB=100@0



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



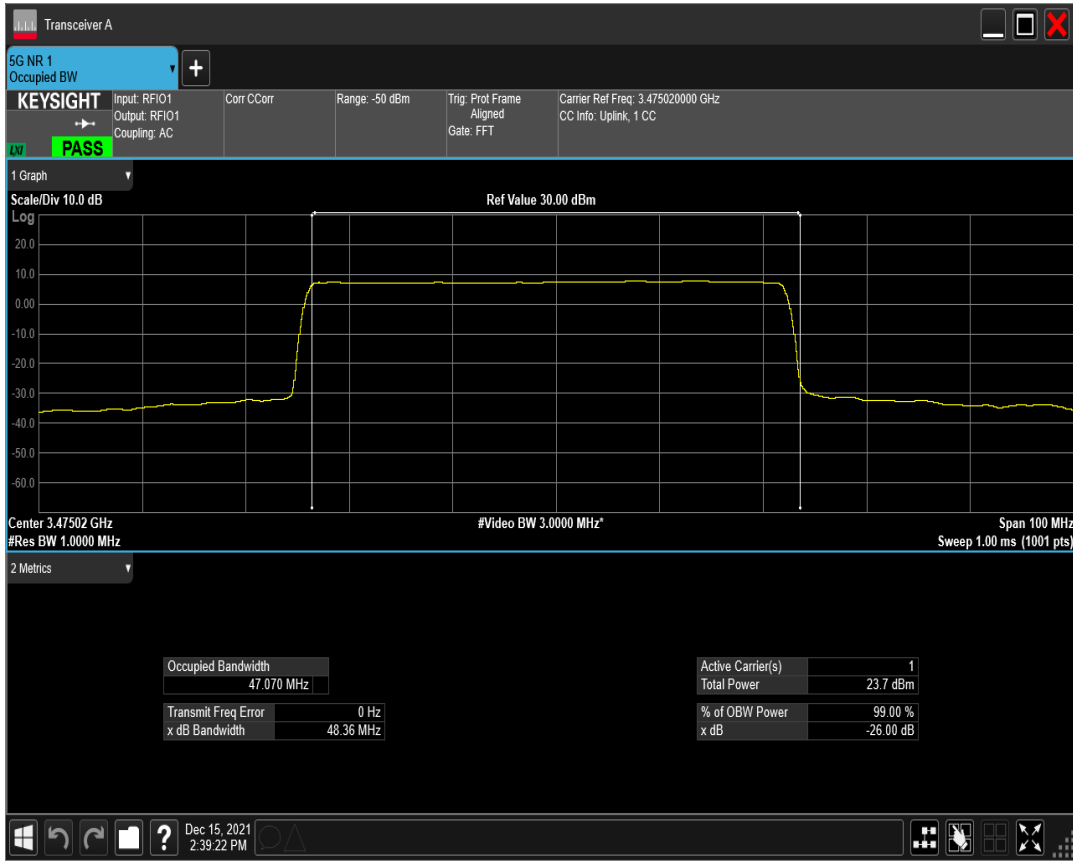
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=631668 RB=128@0



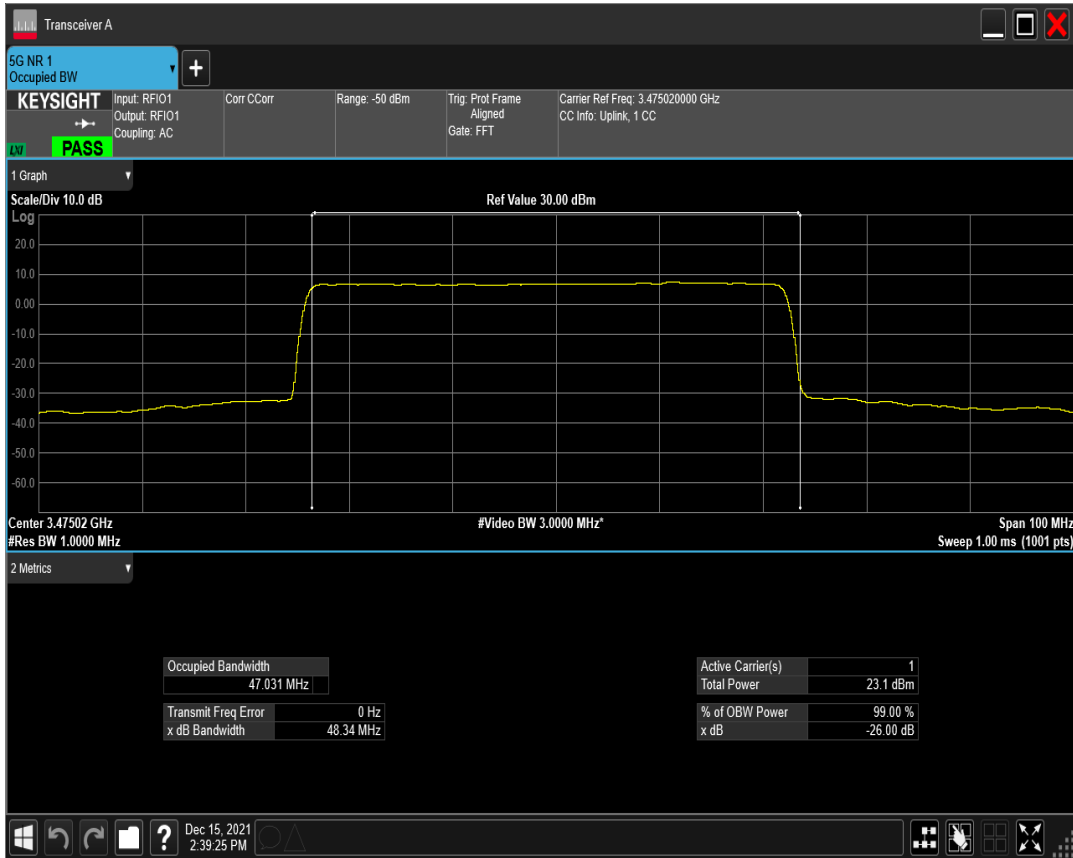
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=631668 RB=128@0



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

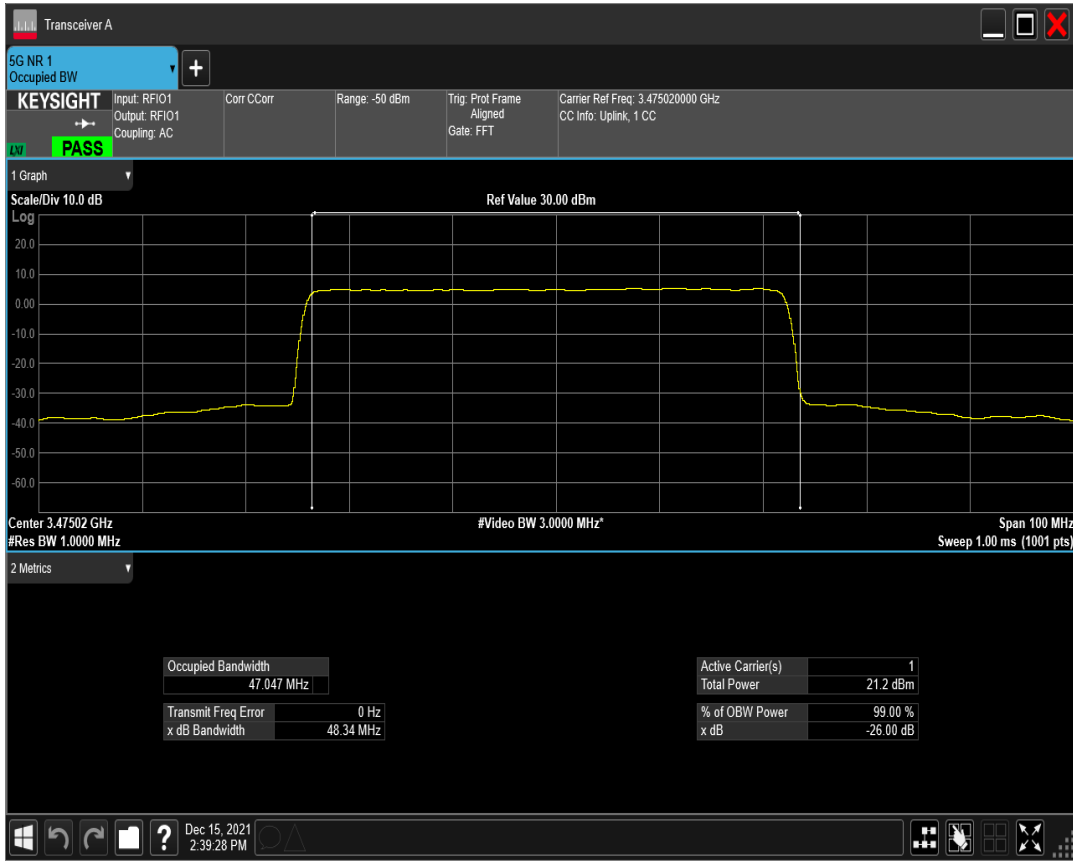


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=631668 RB=128@0

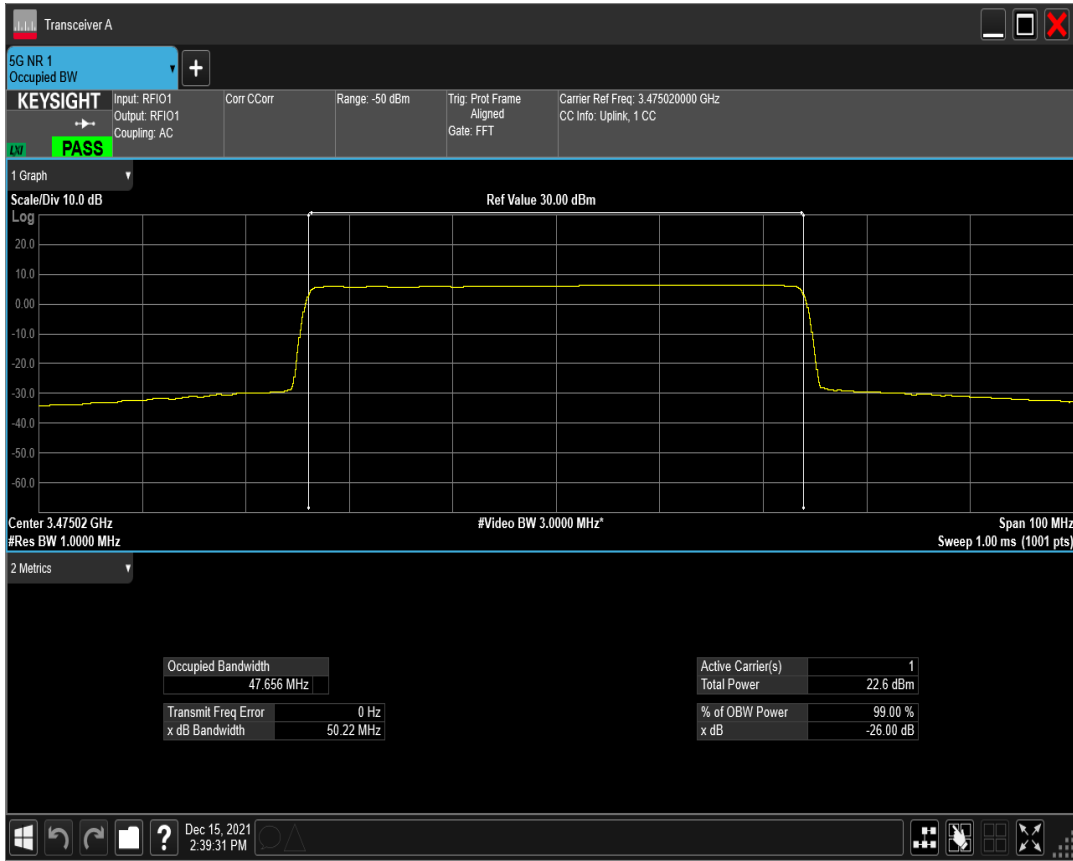


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=631668 RB=128@0





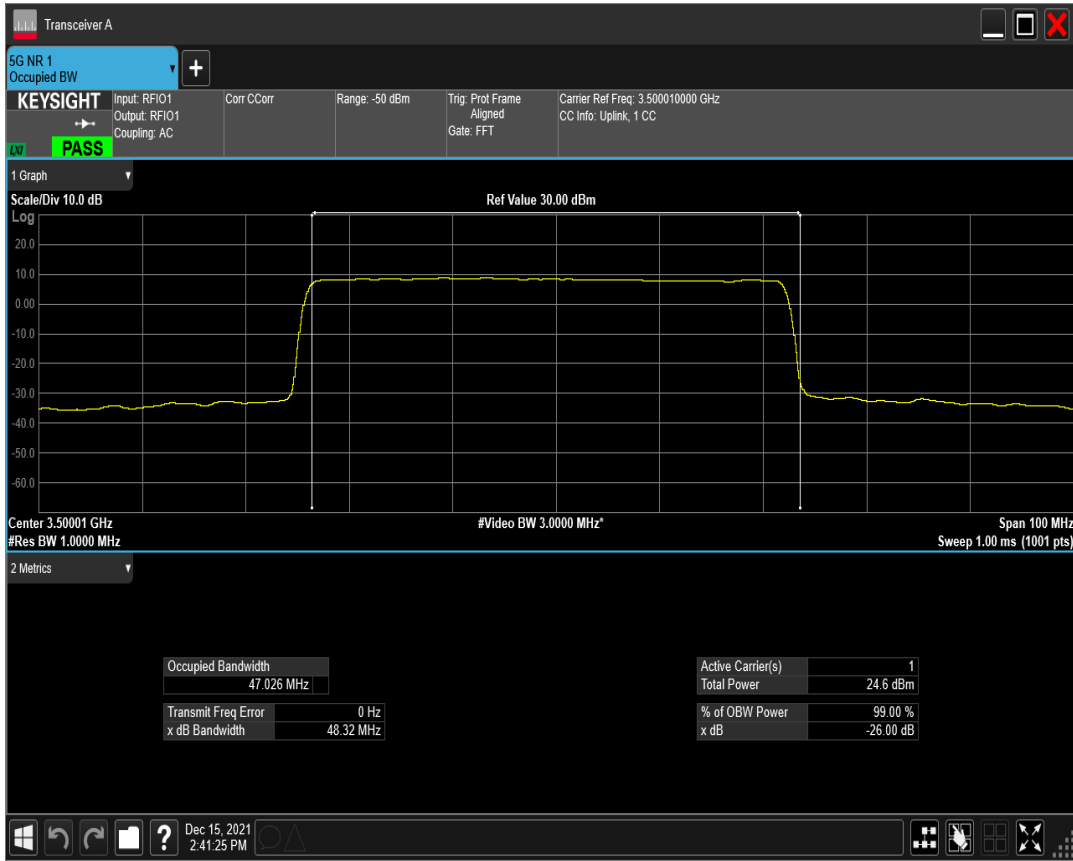
n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=631668 RB=133@0



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



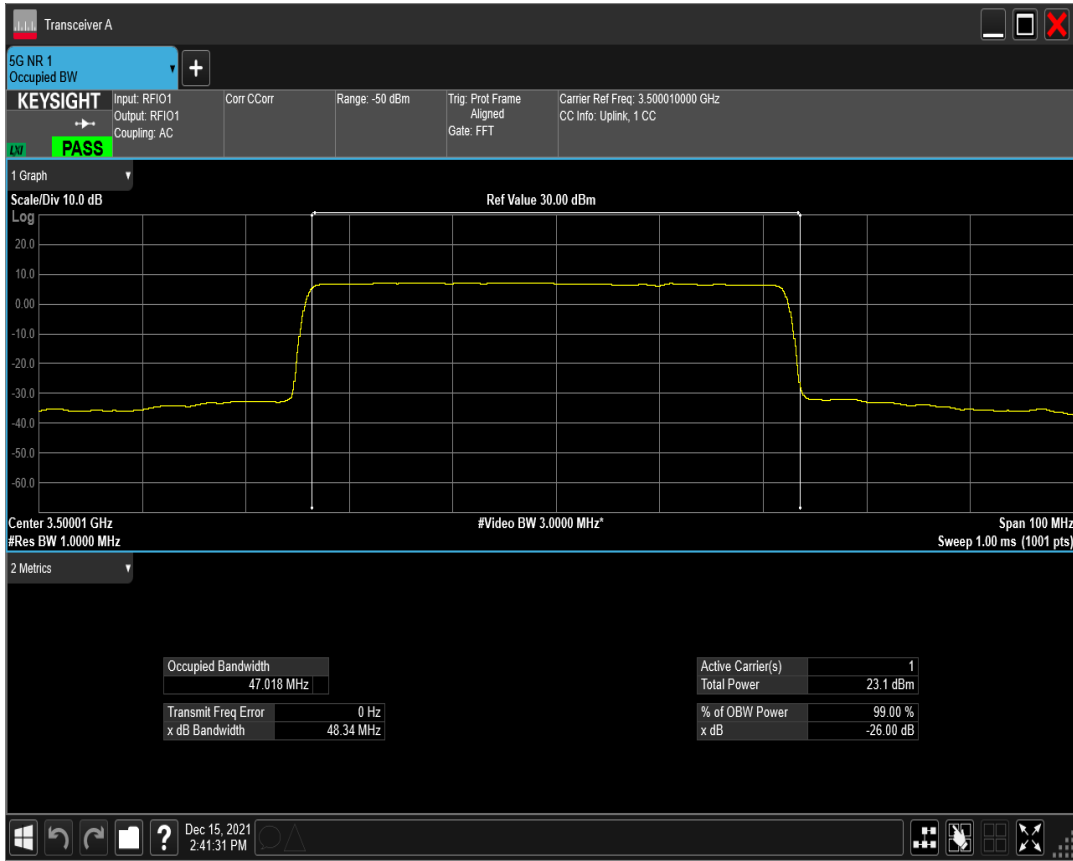
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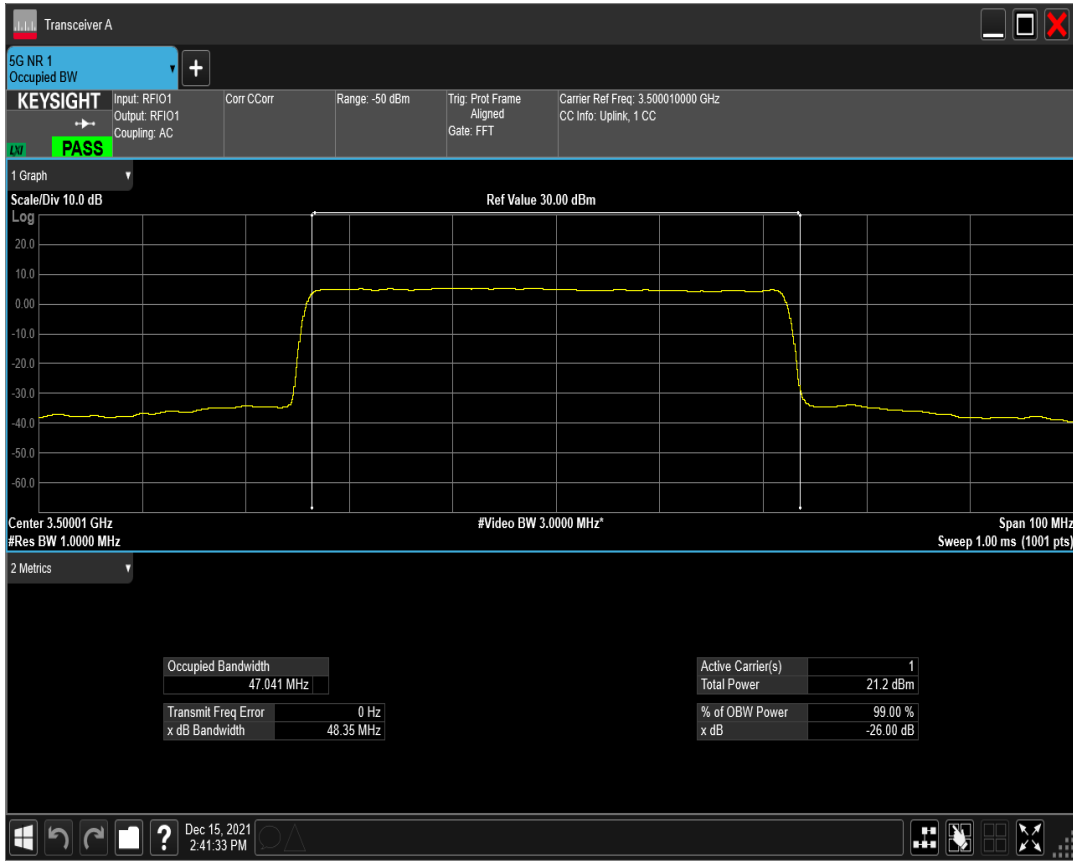
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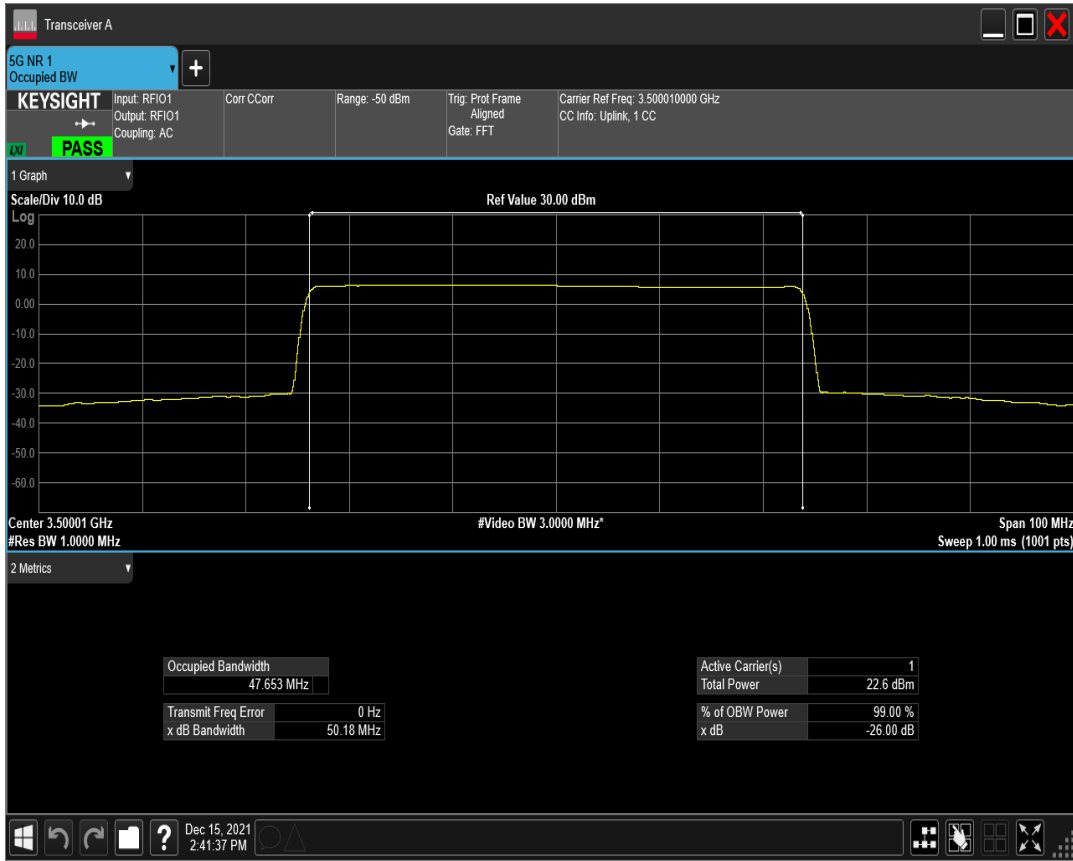
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0



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

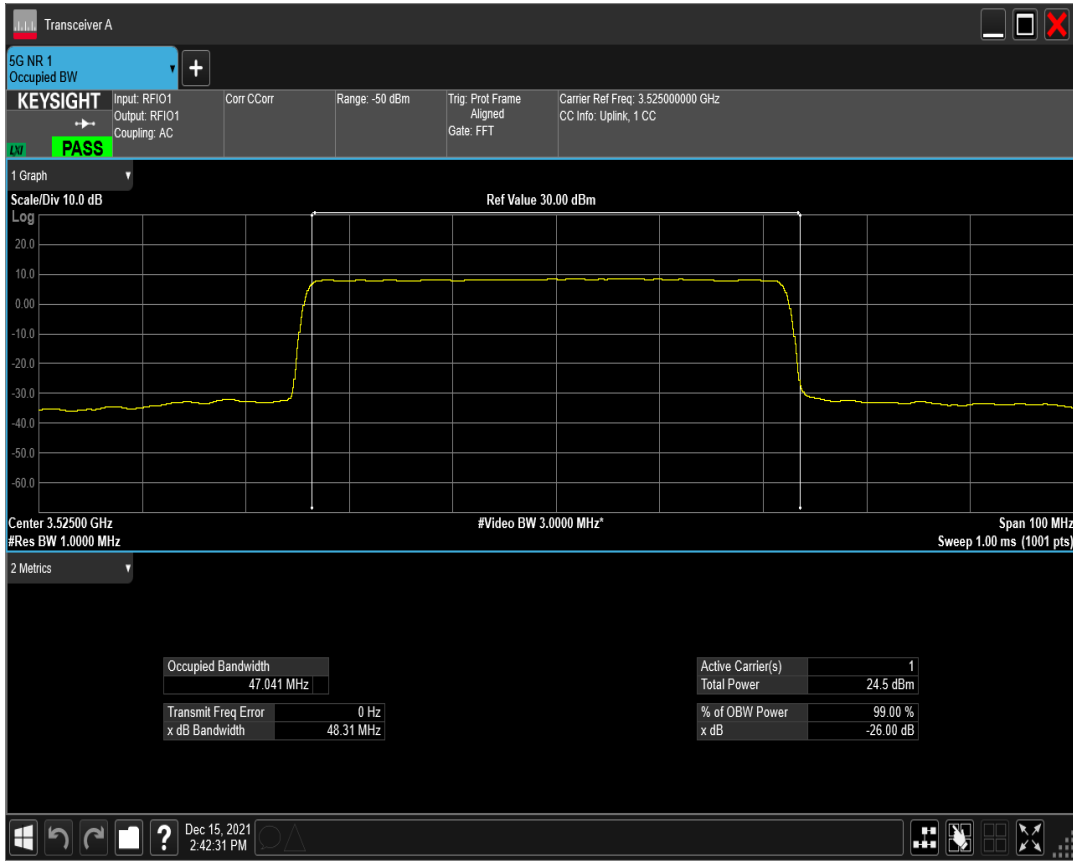


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=635000 RB=128@0

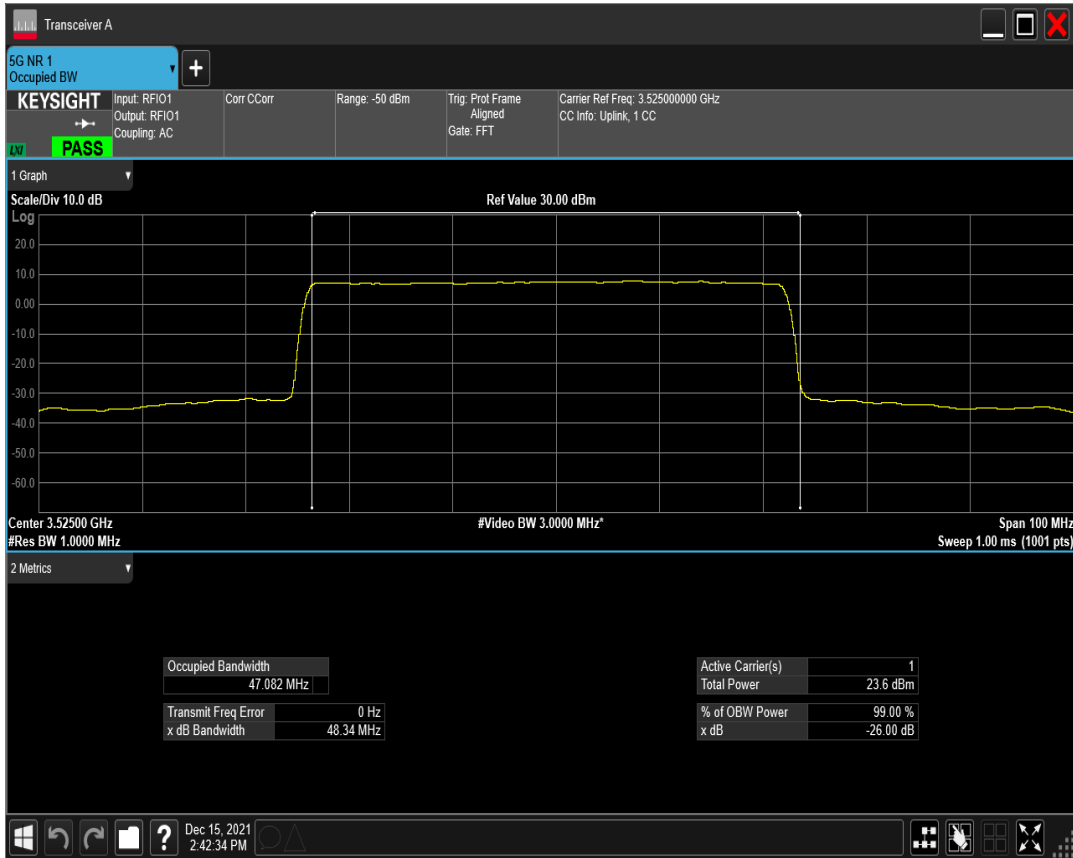




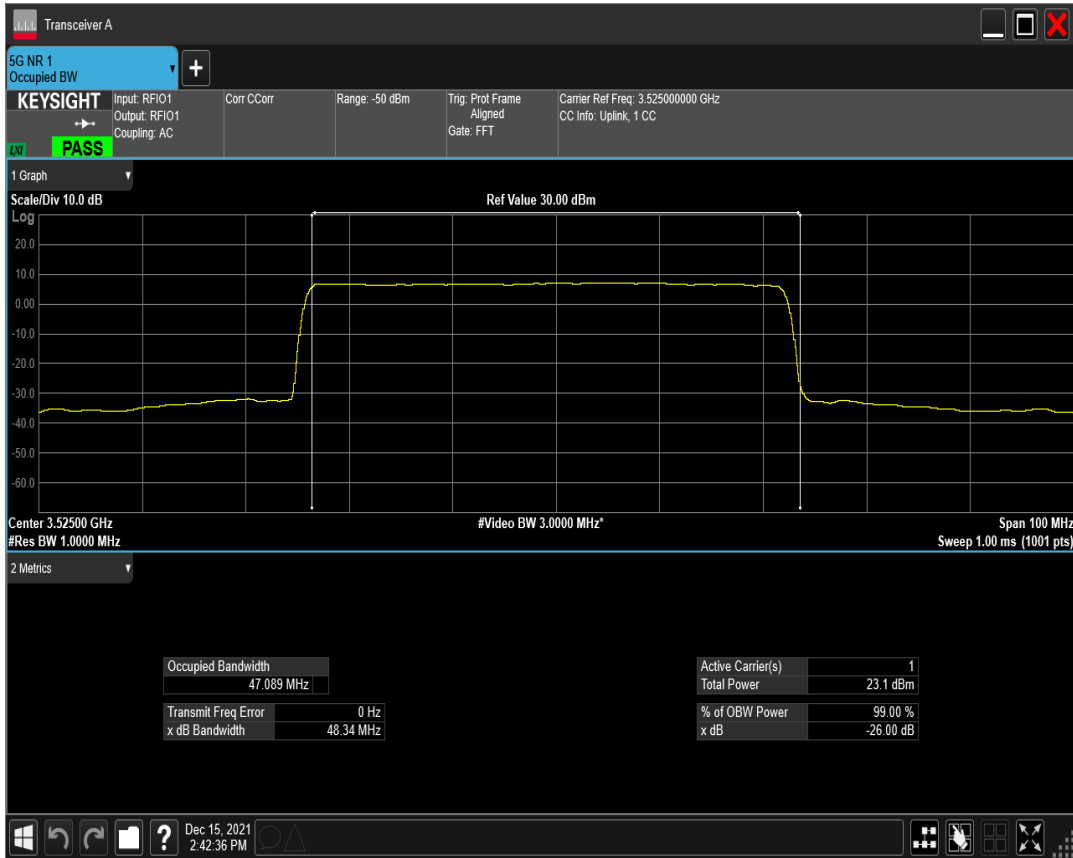
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=635000 RB=128@0



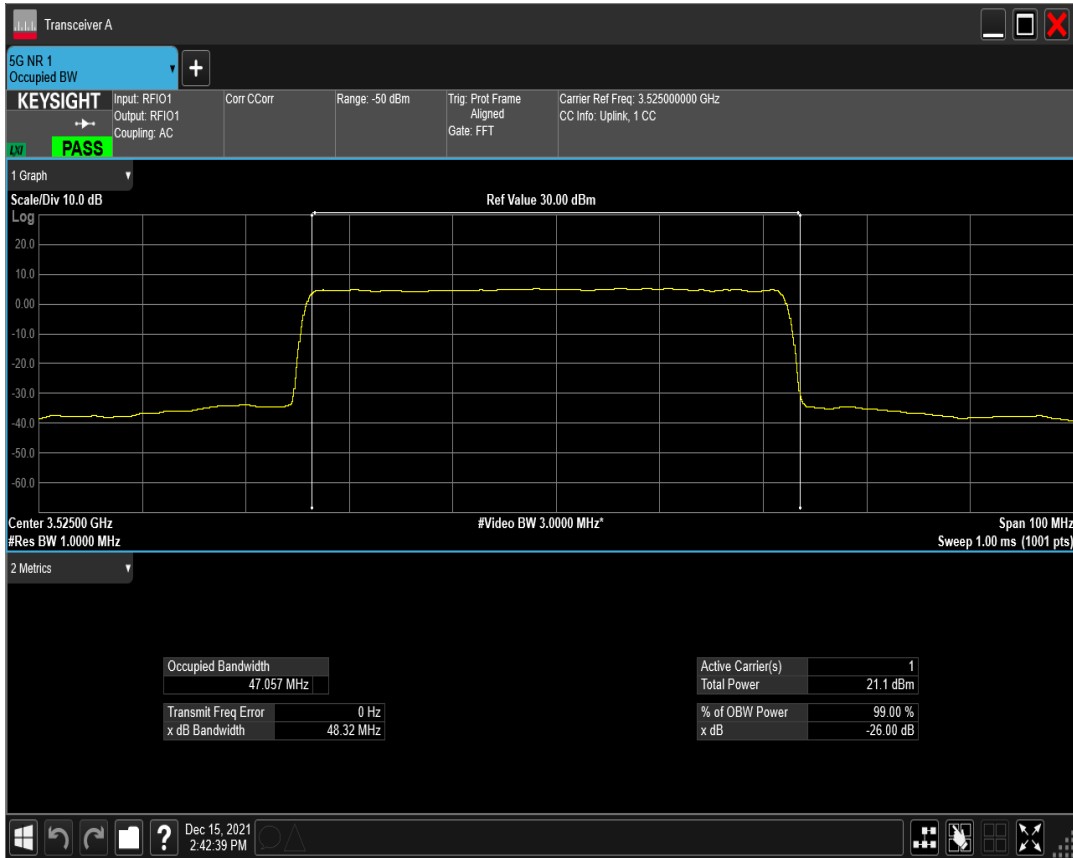
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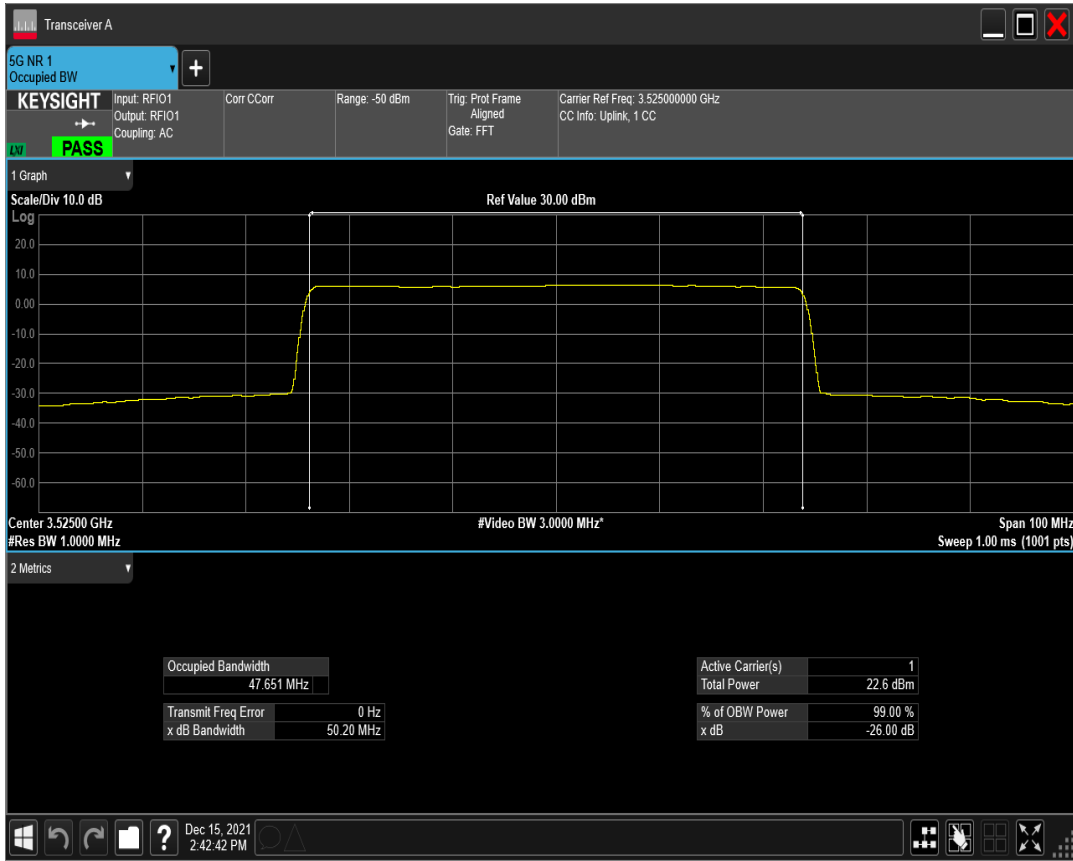
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=635000 RB=128@0



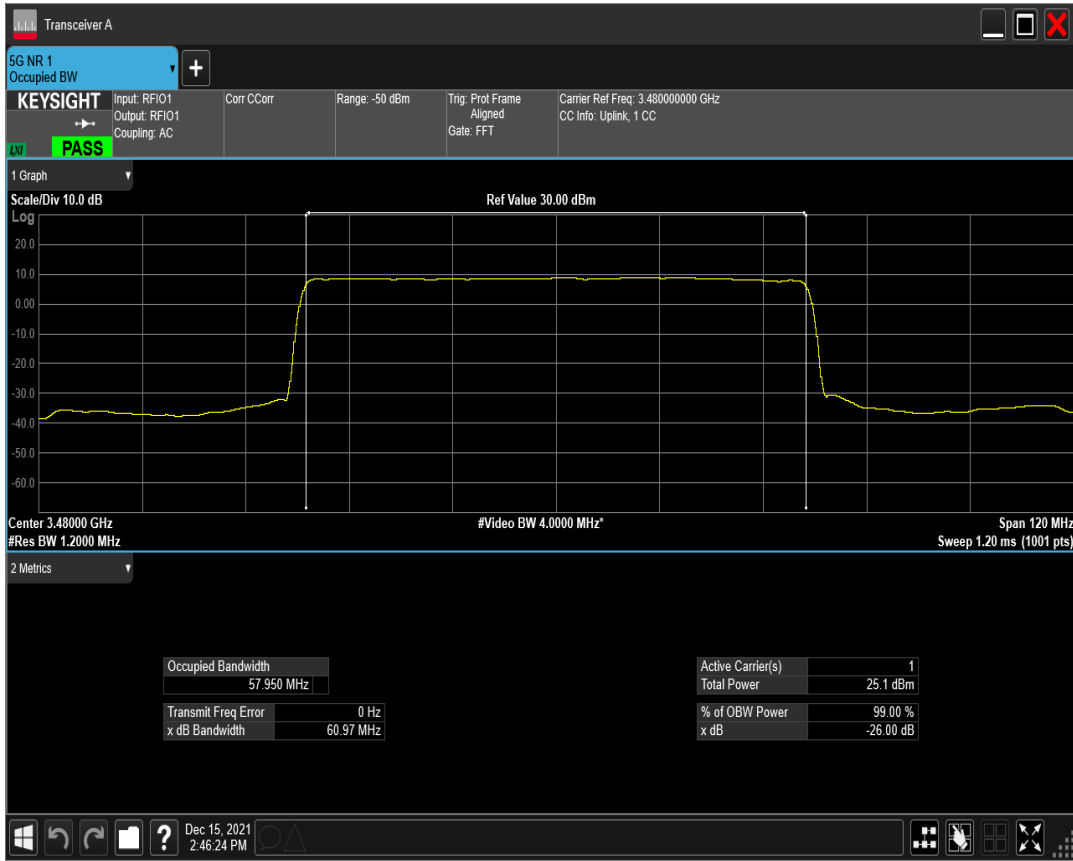
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=635000 RB=128@0



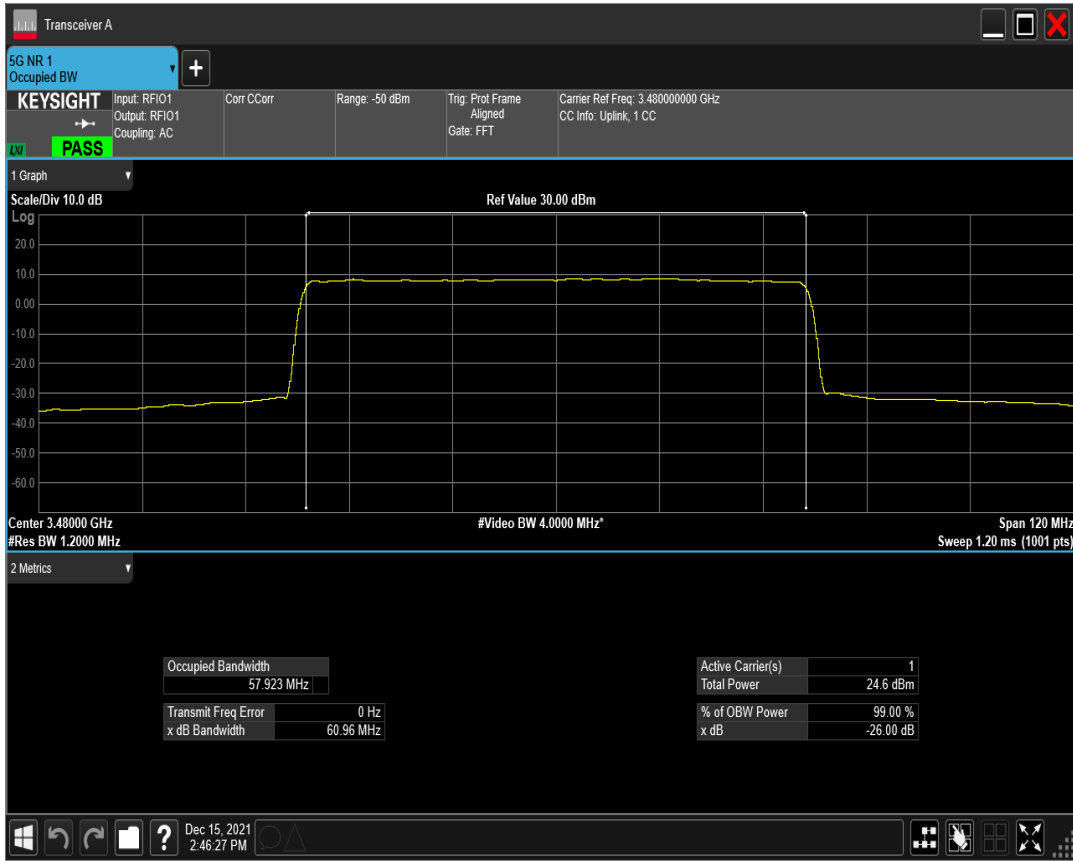
n77(3450-3550) SCS=30kHz CP\_QPSK BW=50MHz Channel=635000 RB=133@0



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

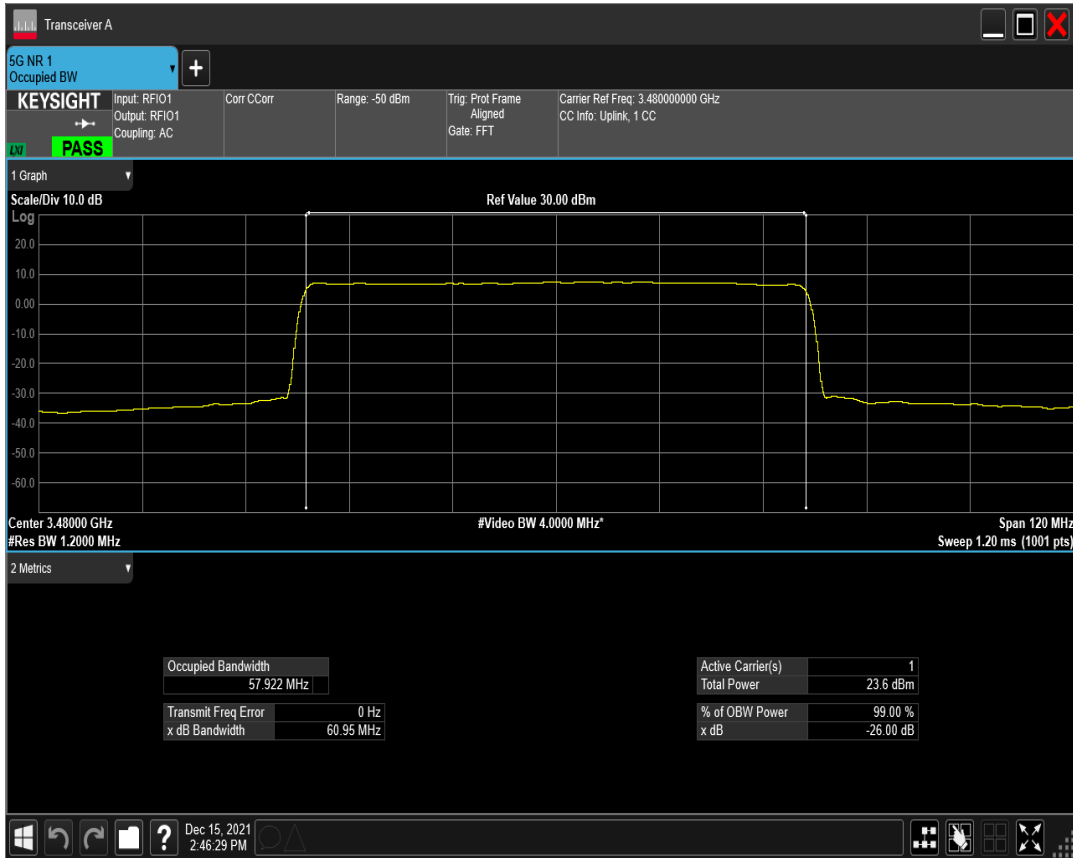


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=632000 RB=162@0

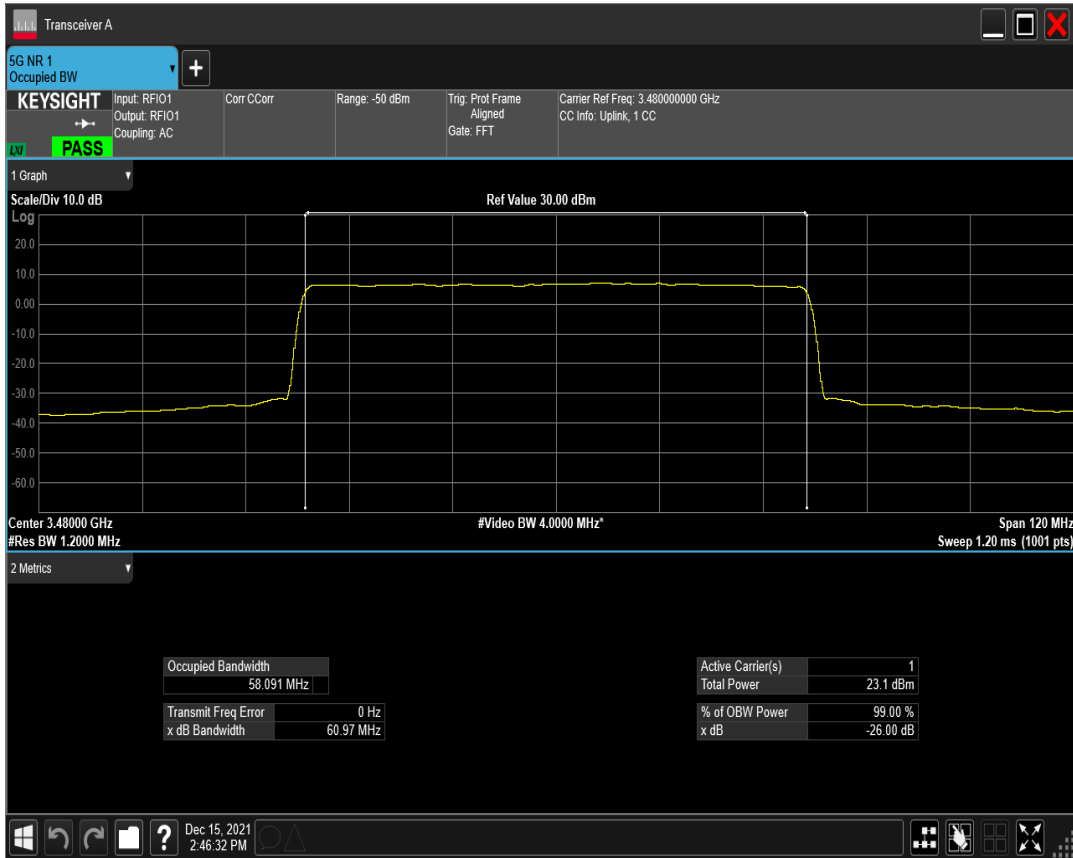


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=632000 RB=162@0

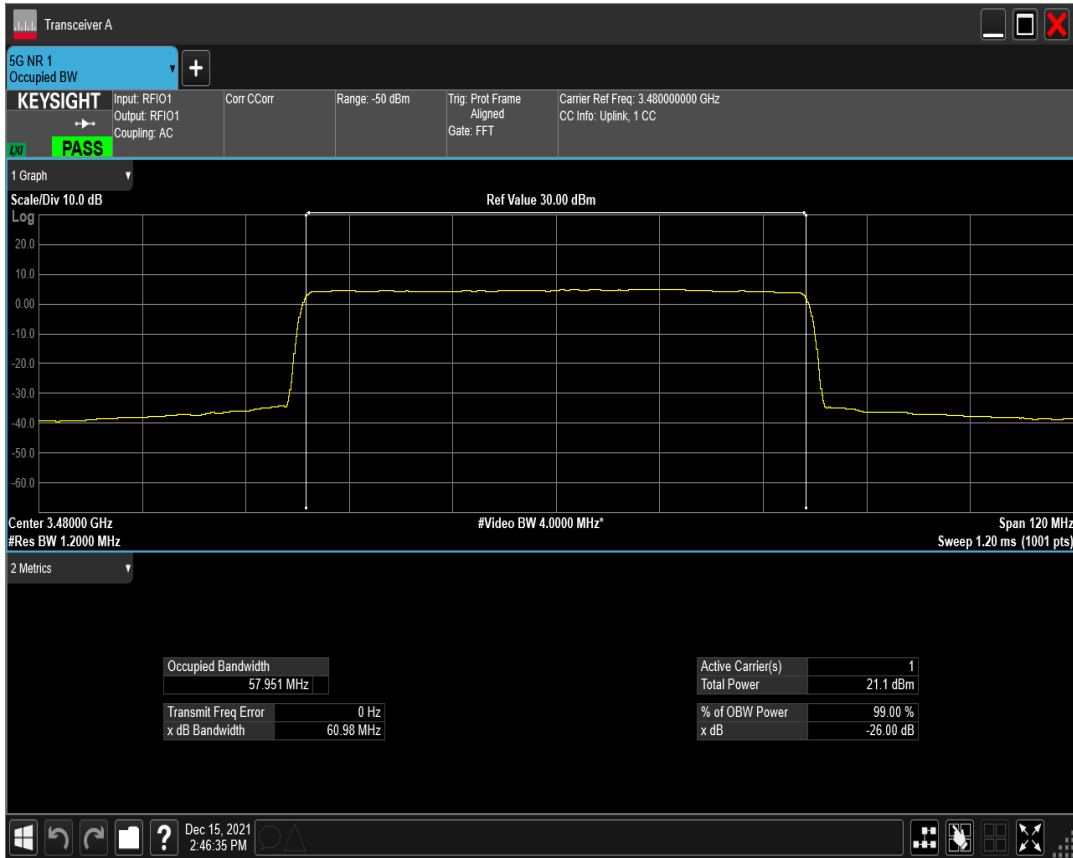




n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=632000 RB=162@0



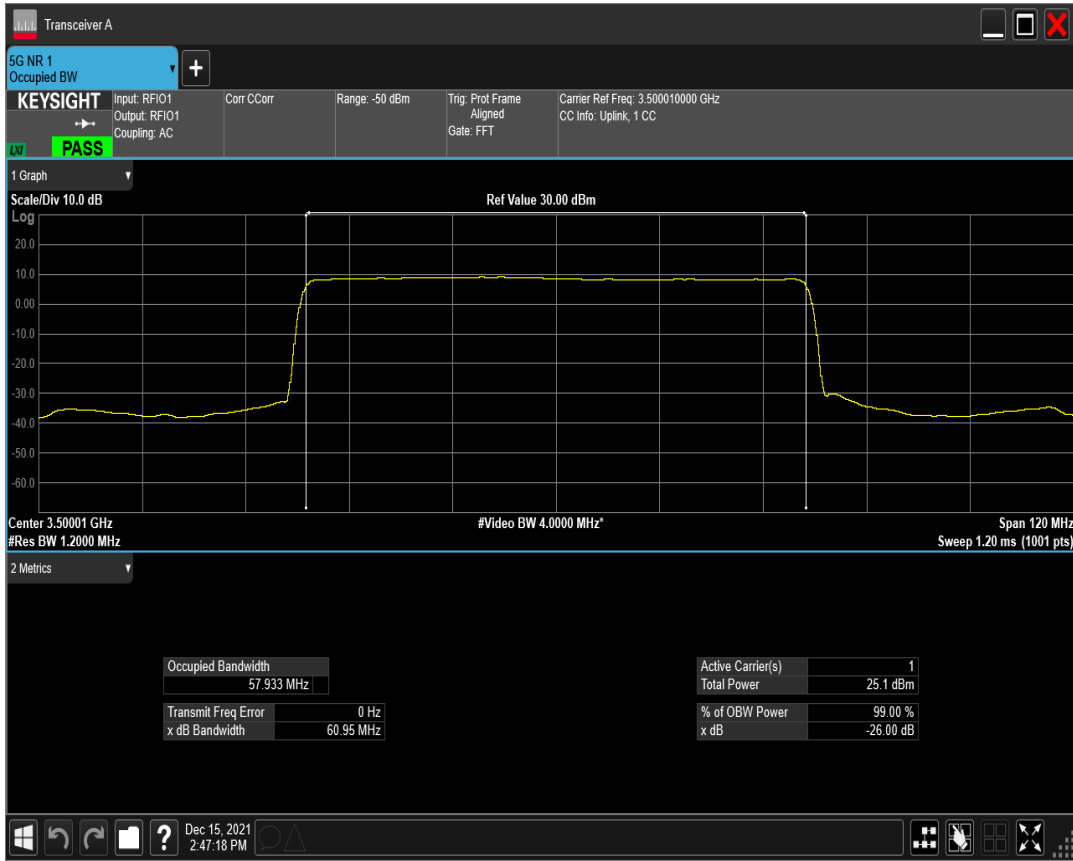
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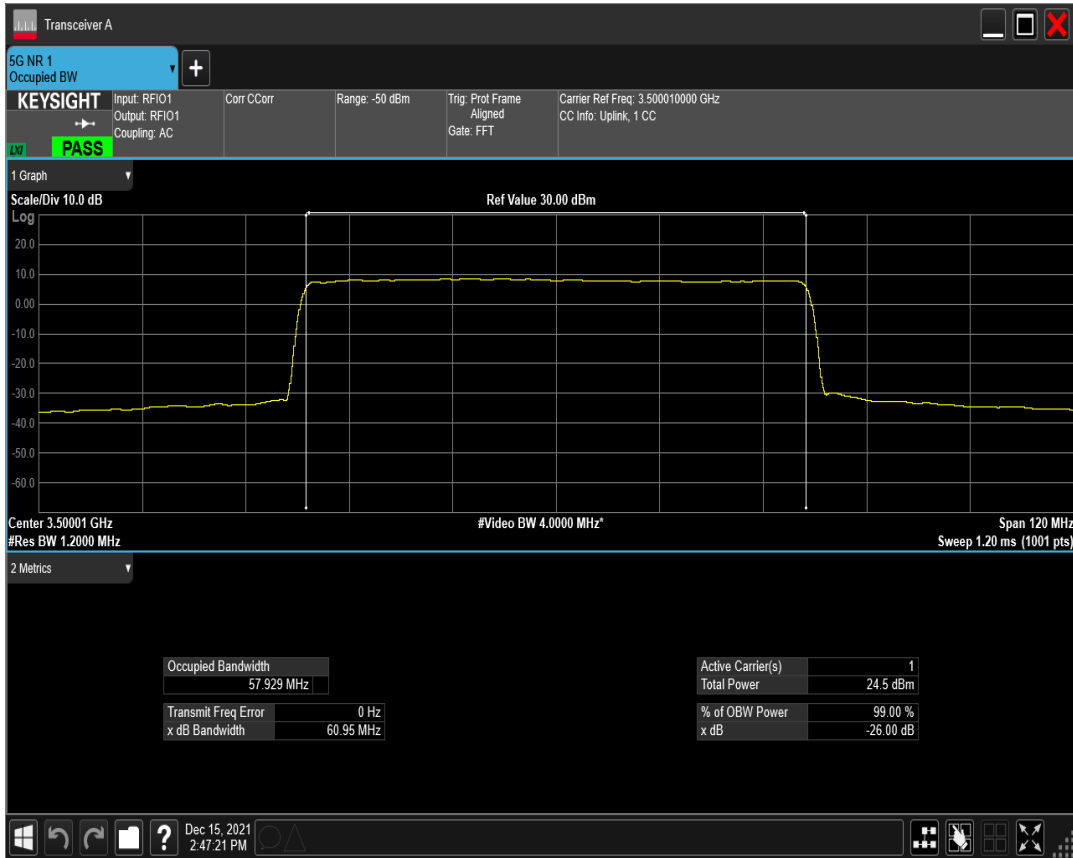
n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=632000 RB=162@0



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



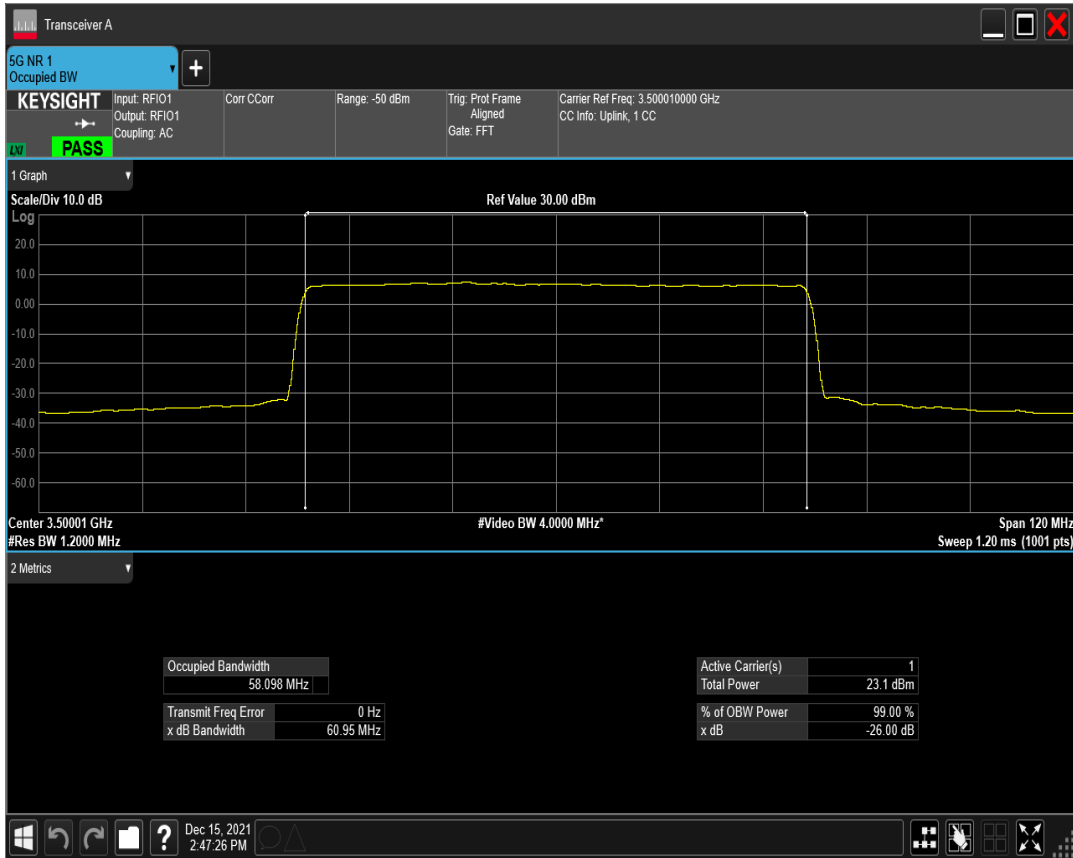
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=633334 RB=162@0

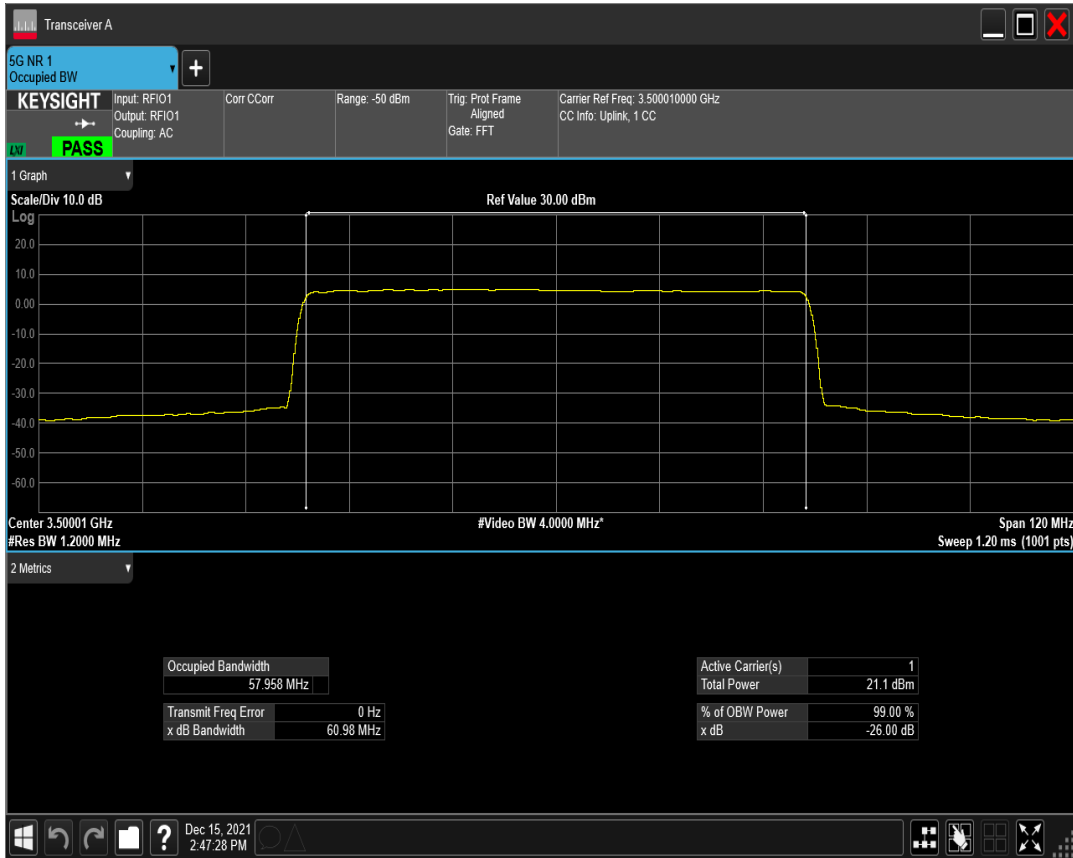


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0

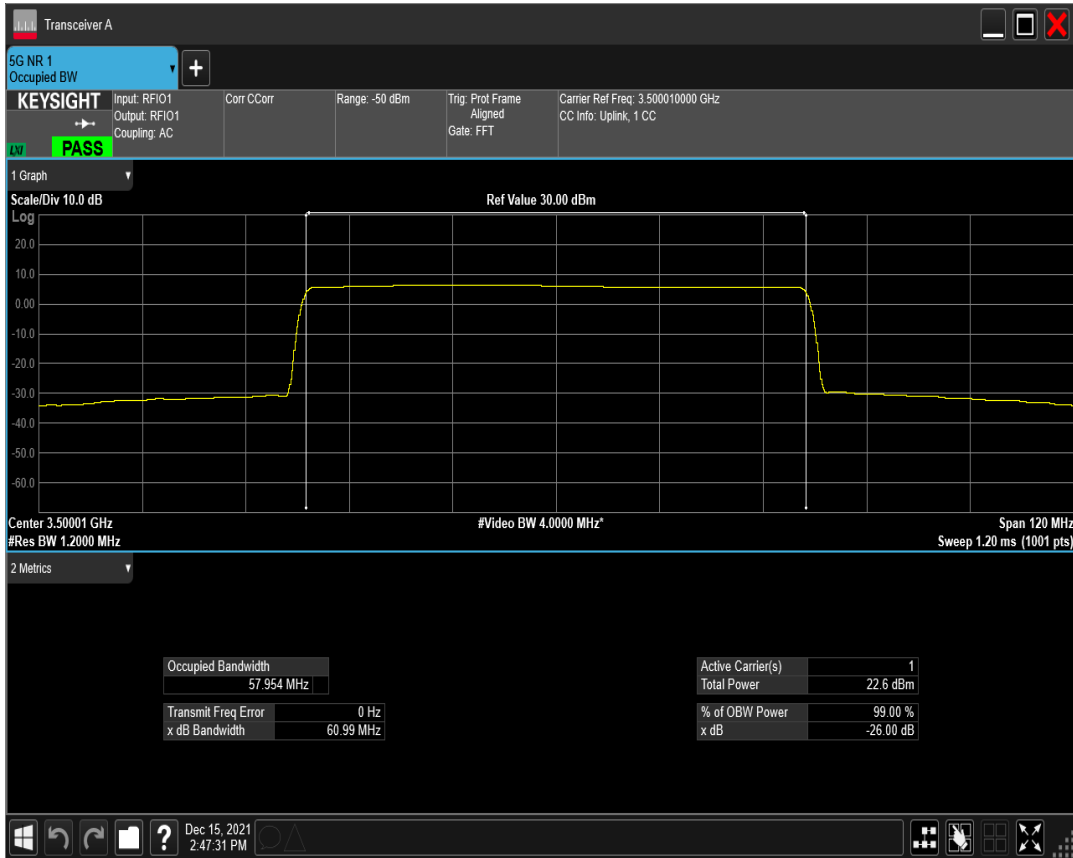


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=633334 RB=162@0

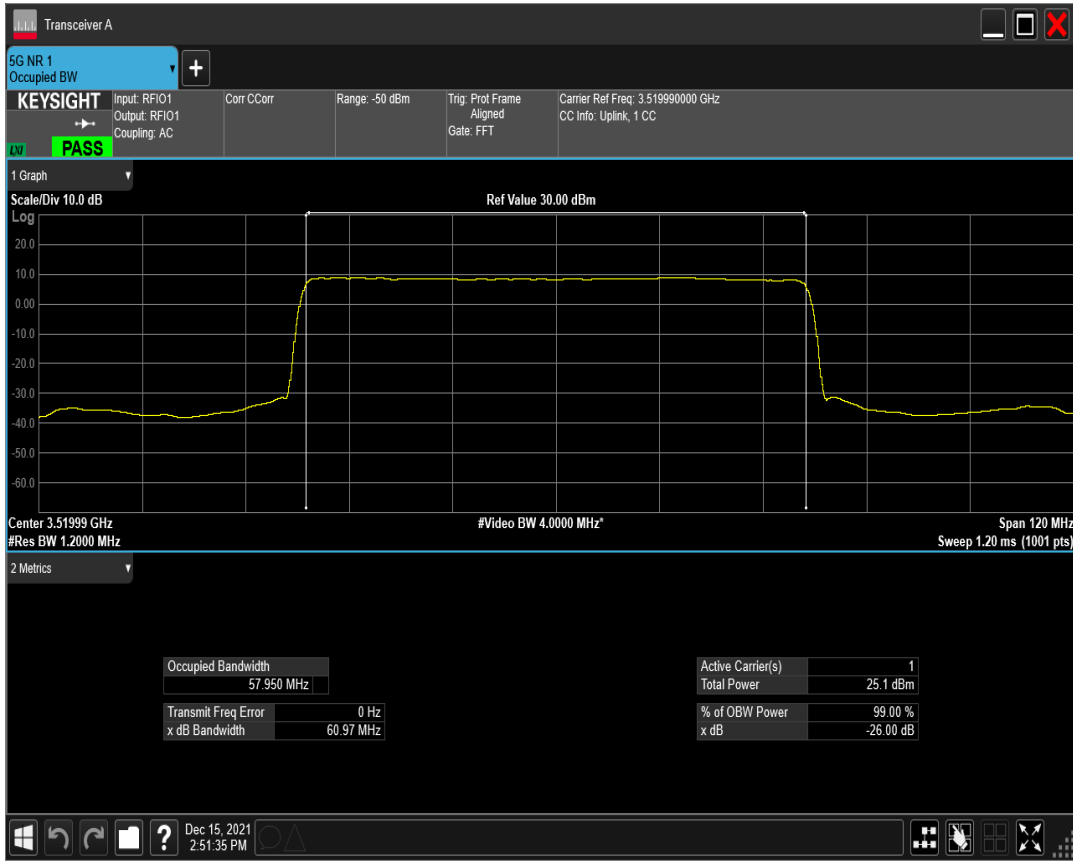




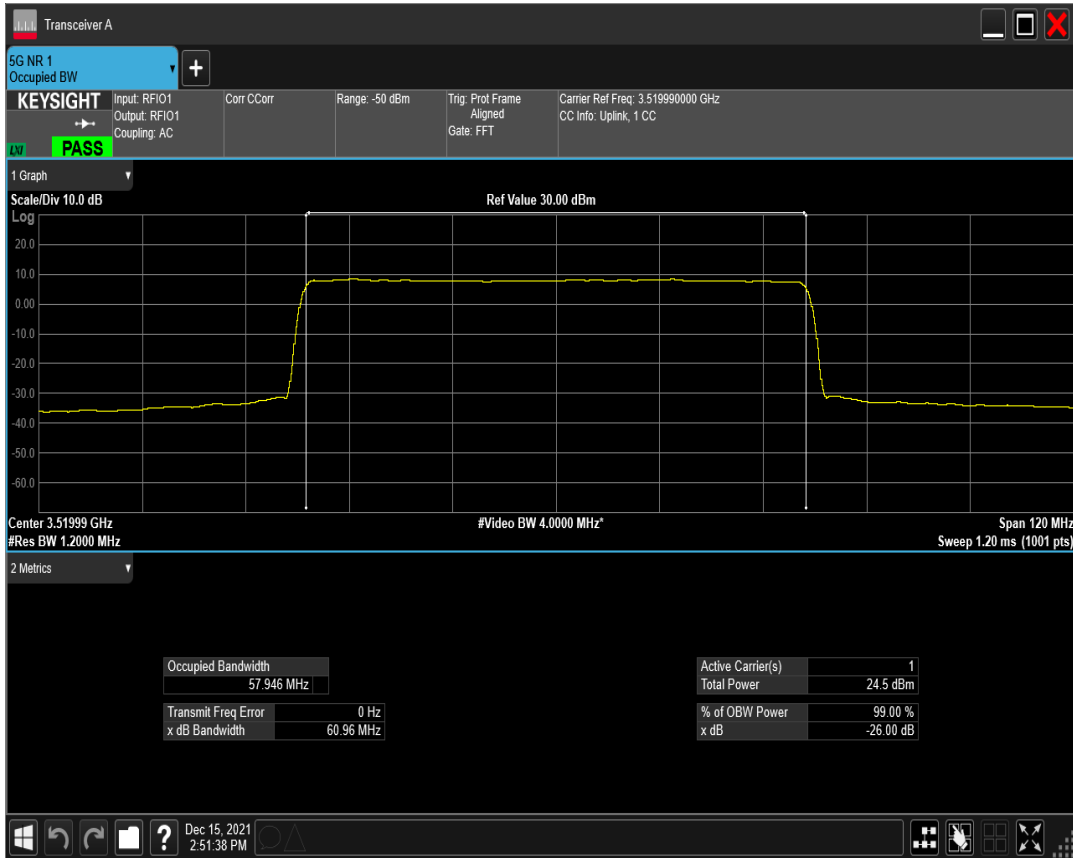
n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=633334 RB=162@0



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



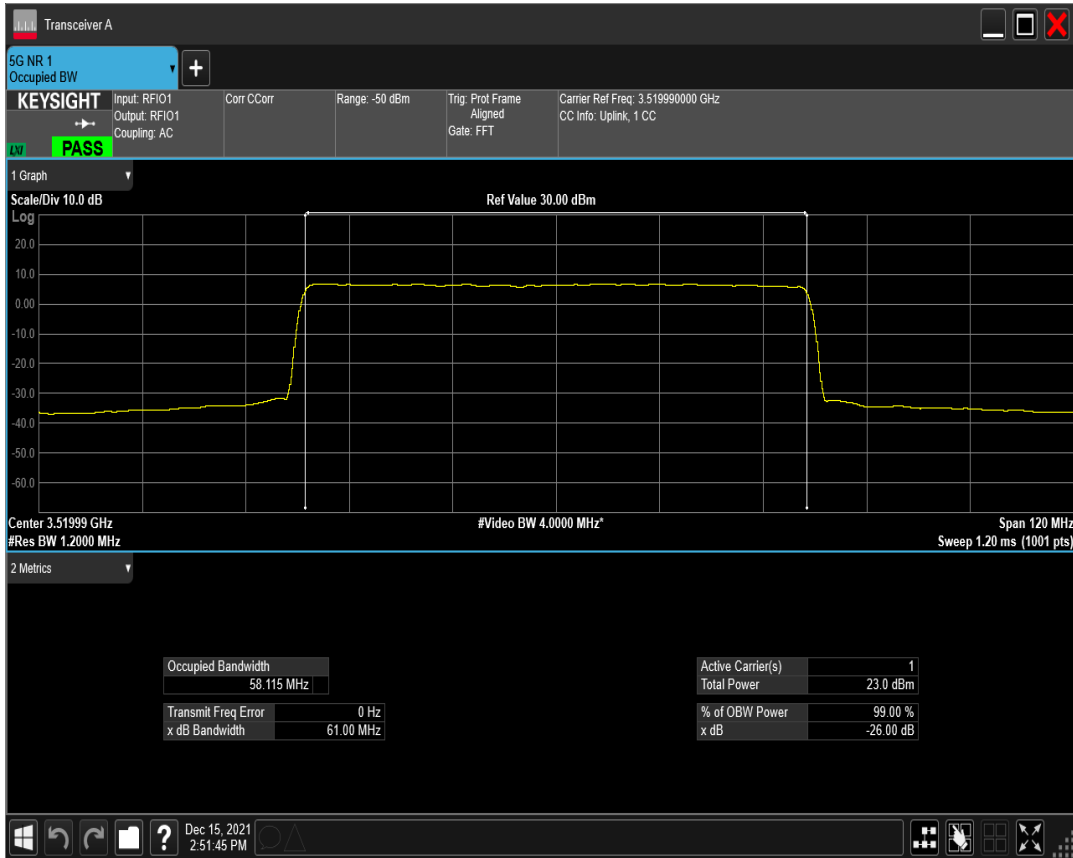
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=634666 RB=162@0



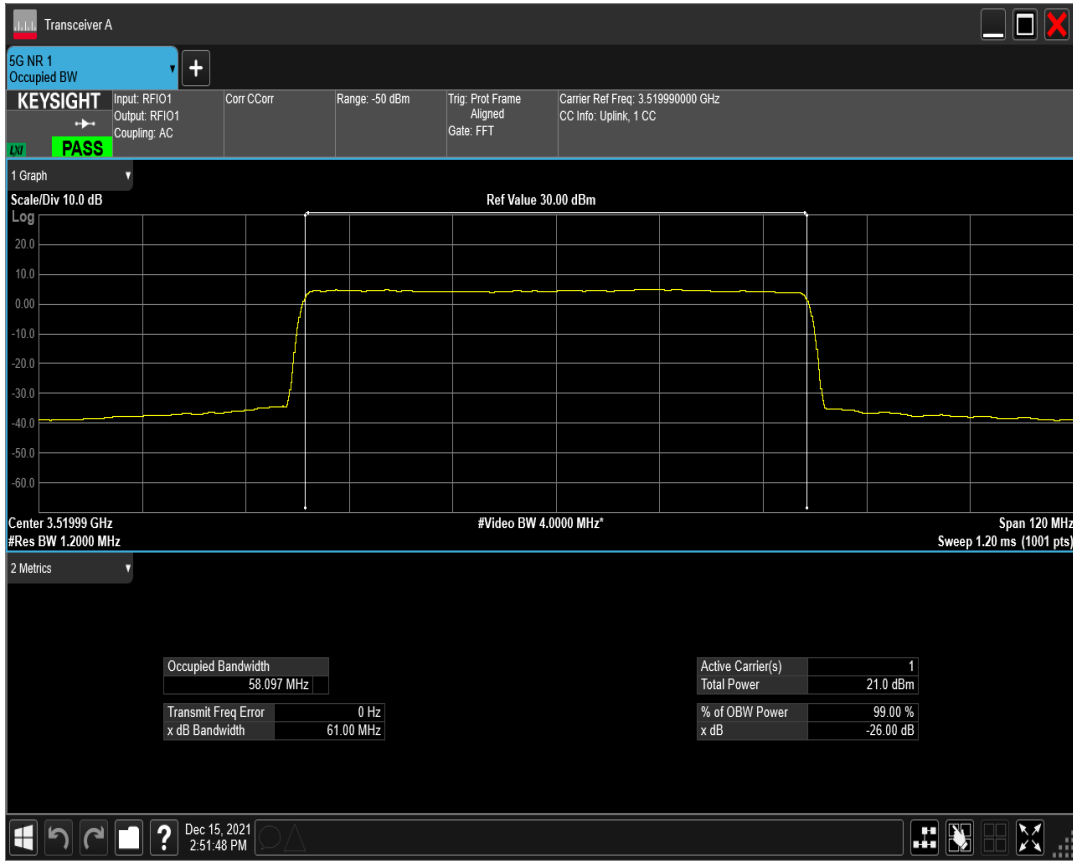
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=634666 RB=162@0



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

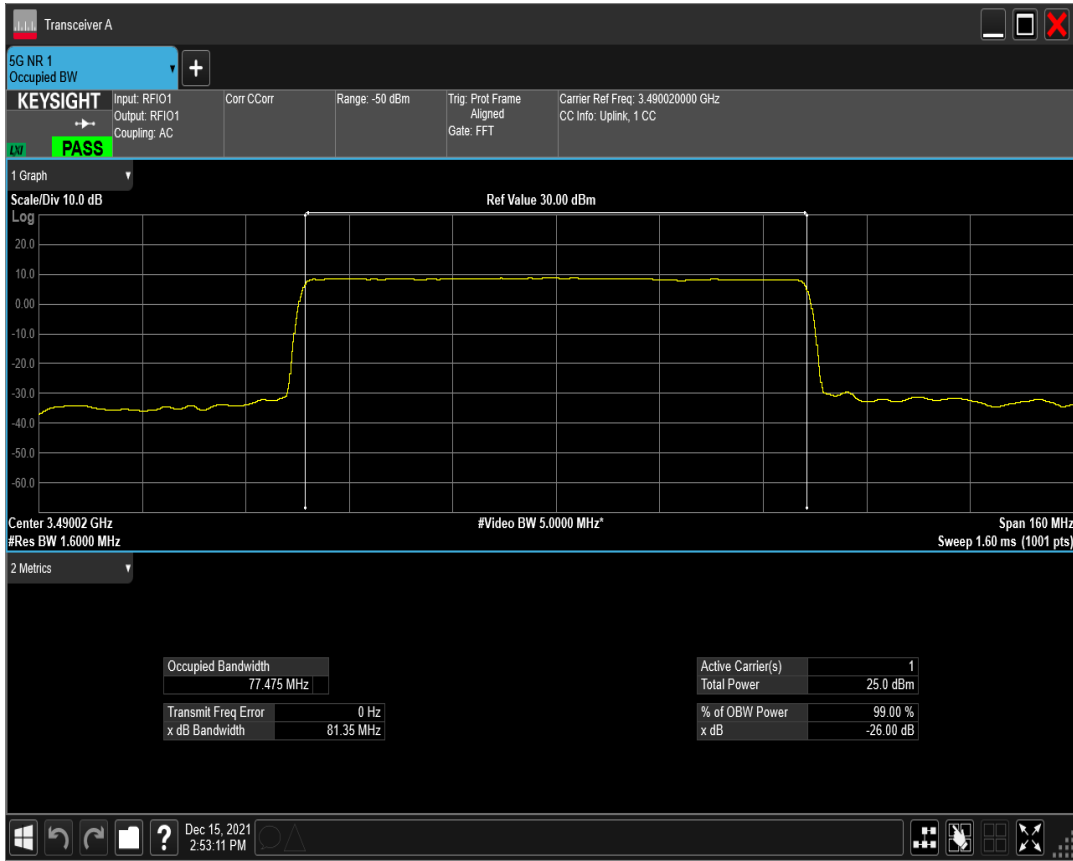


n77(3450-3550) SCS=30kHz CP\_QPSK BW=60MHz Channel=634666 RB=162@0



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

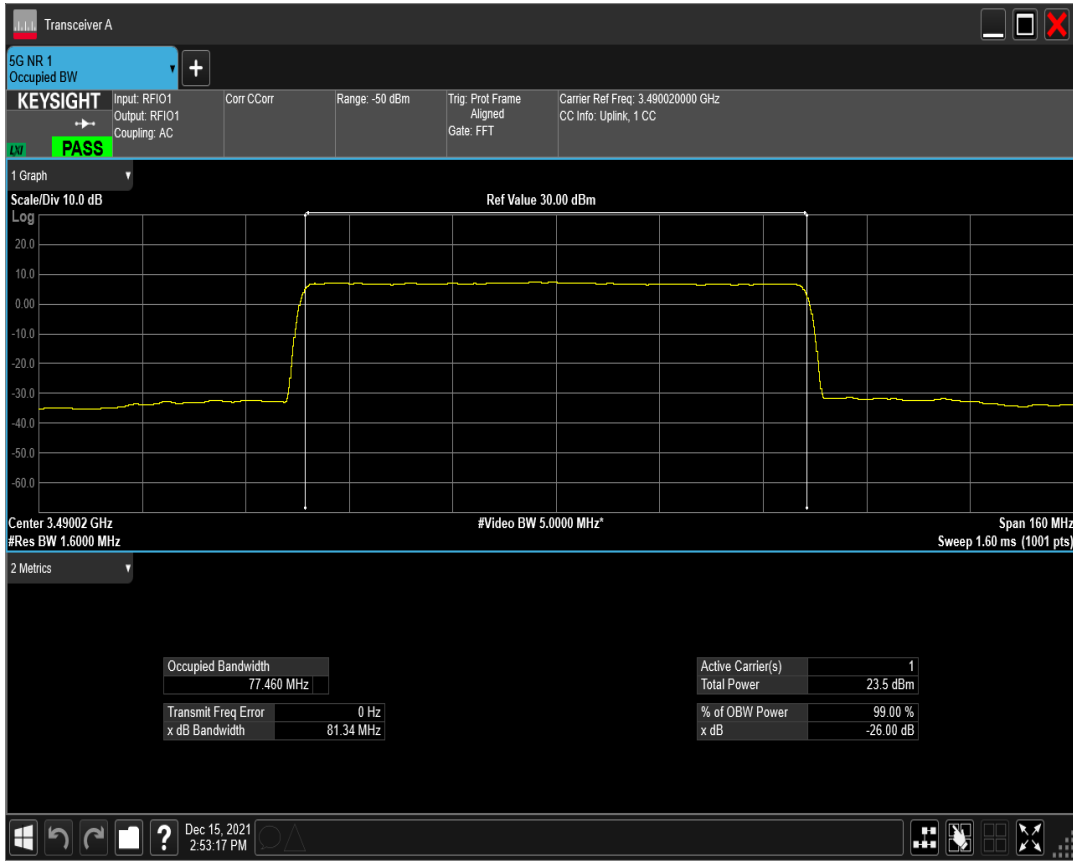




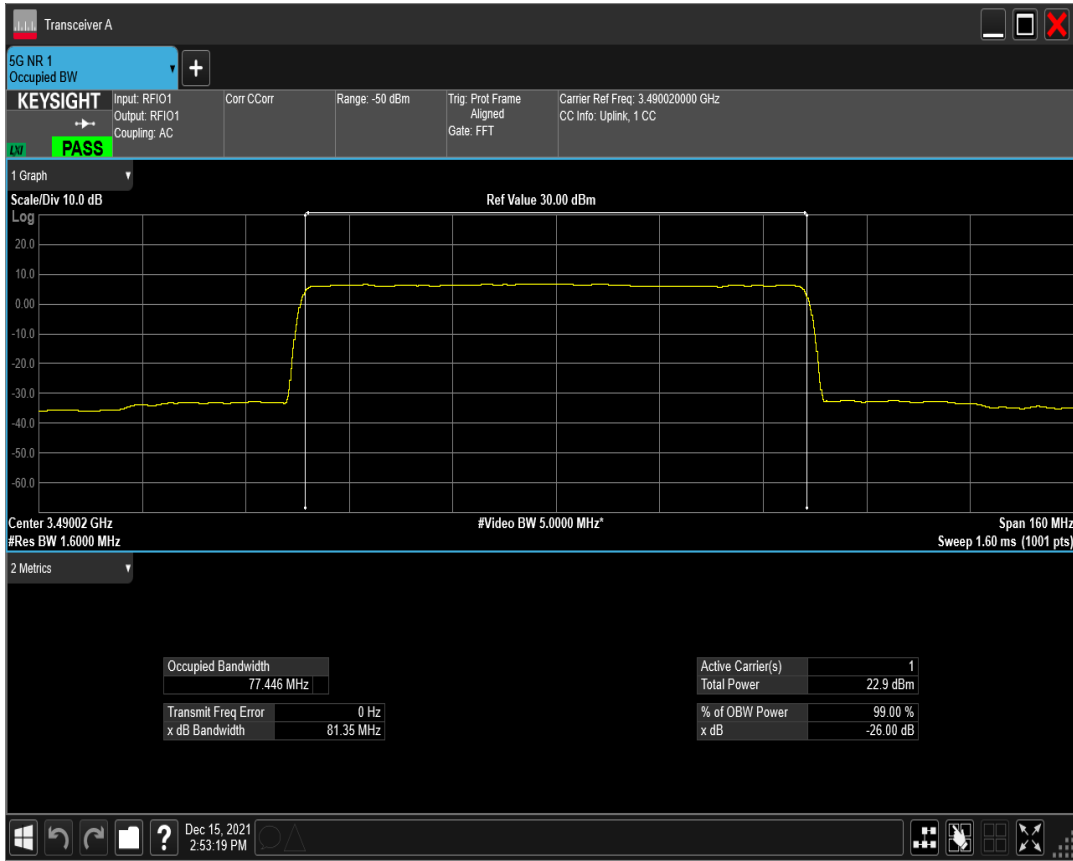
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=632668 RB=216@0



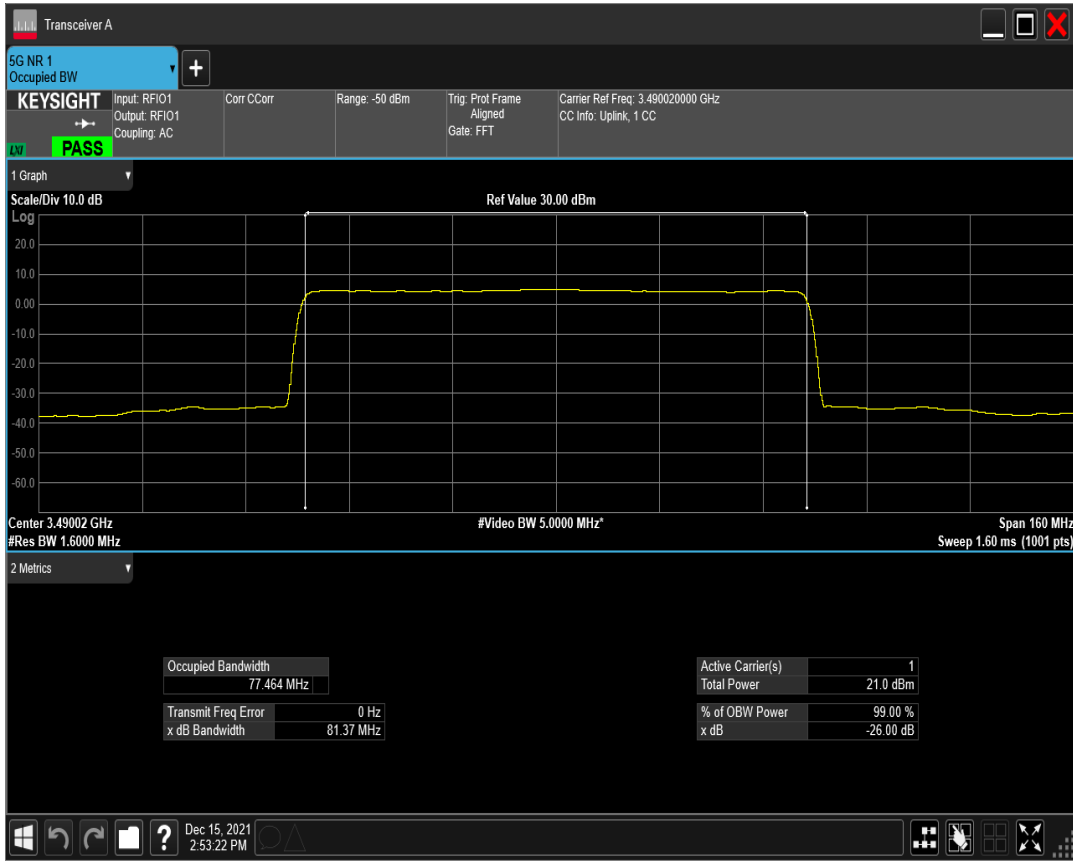
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=632668 RB=216@0



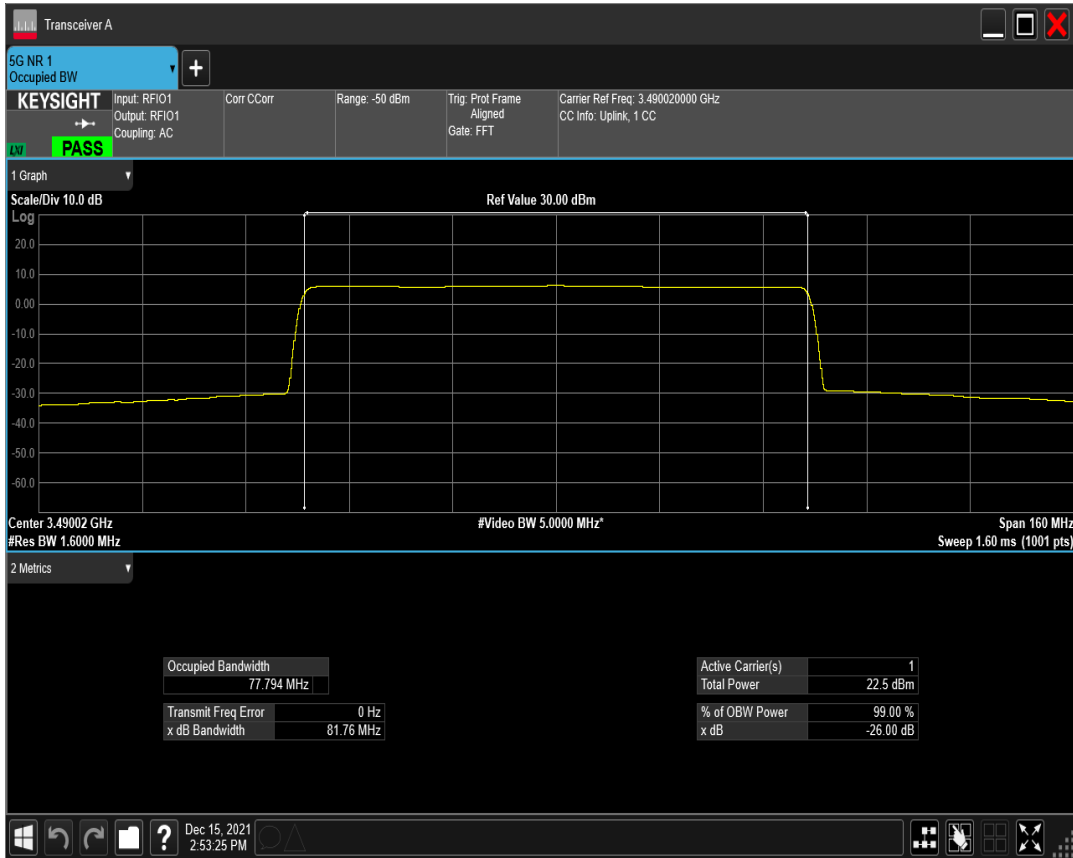
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=632668 RB=216@0



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

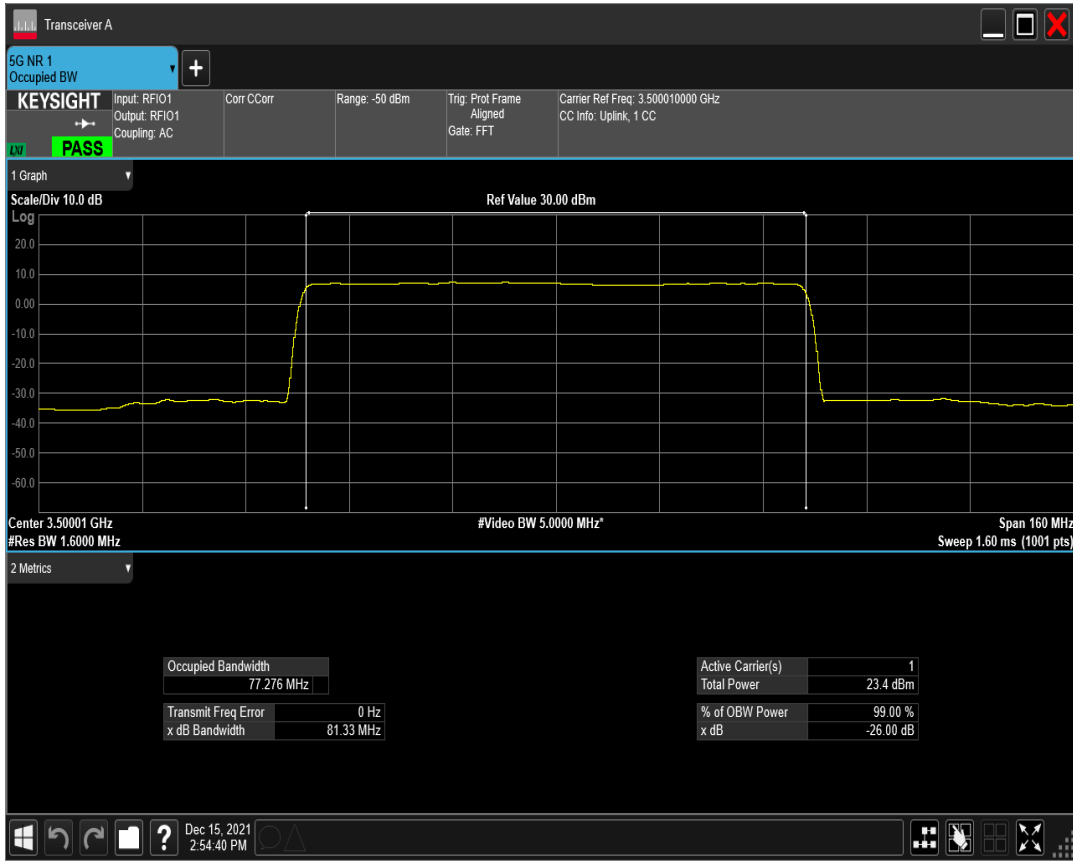


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0



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

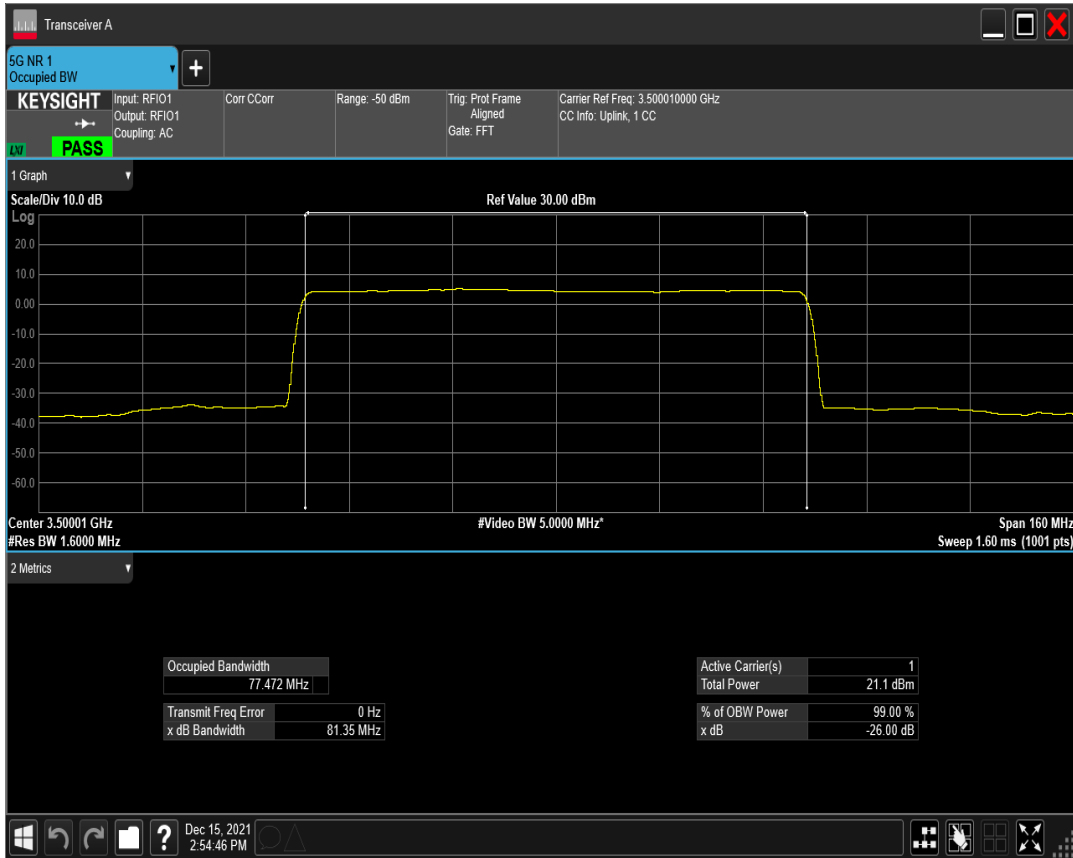




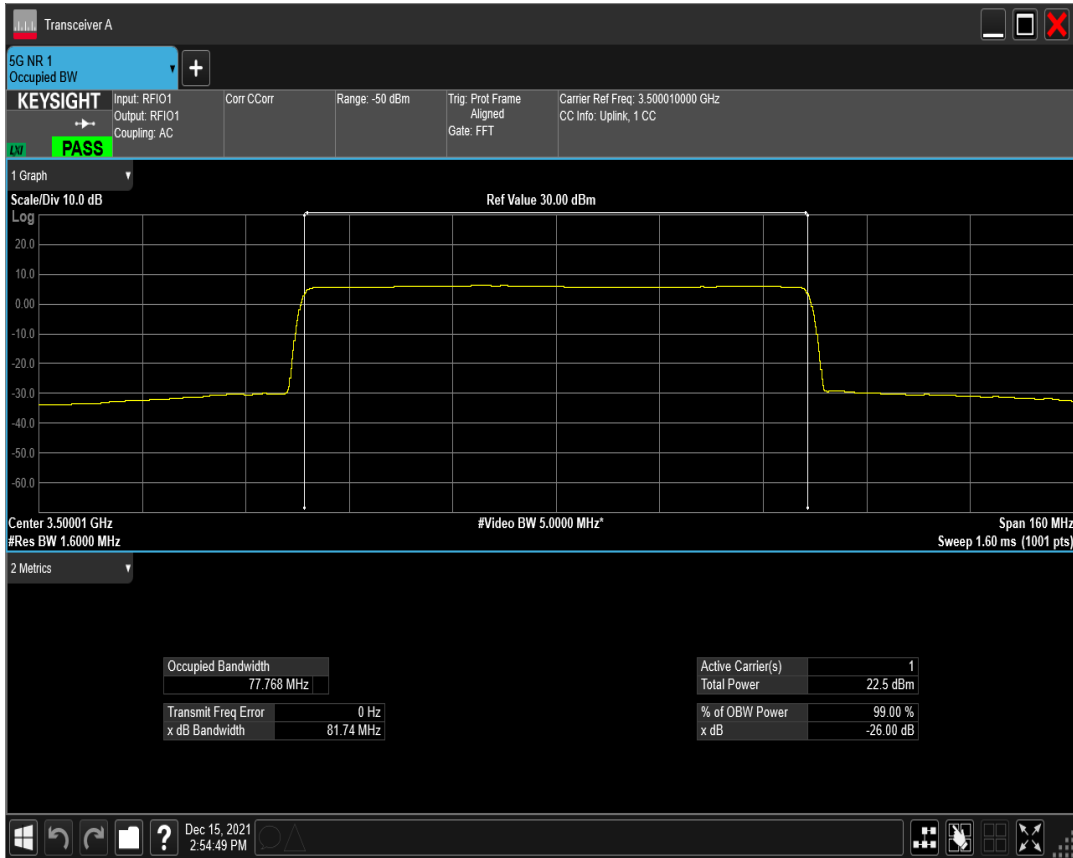
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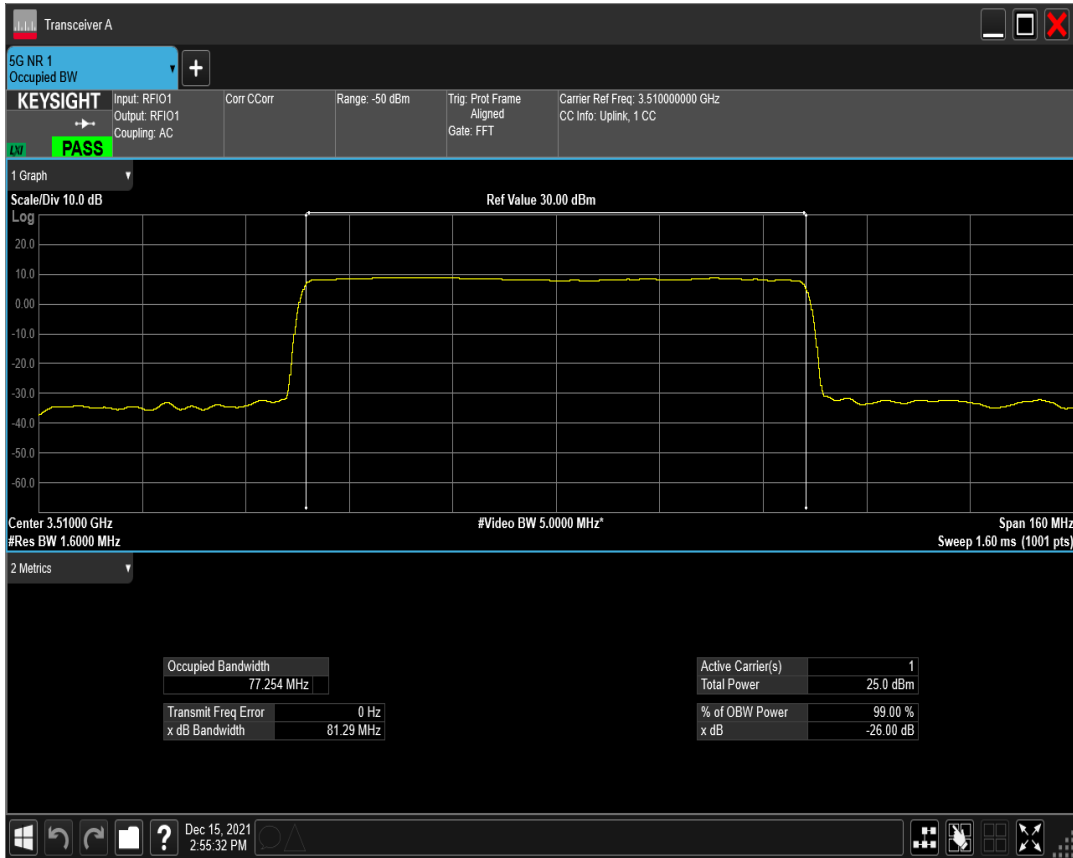
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0



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



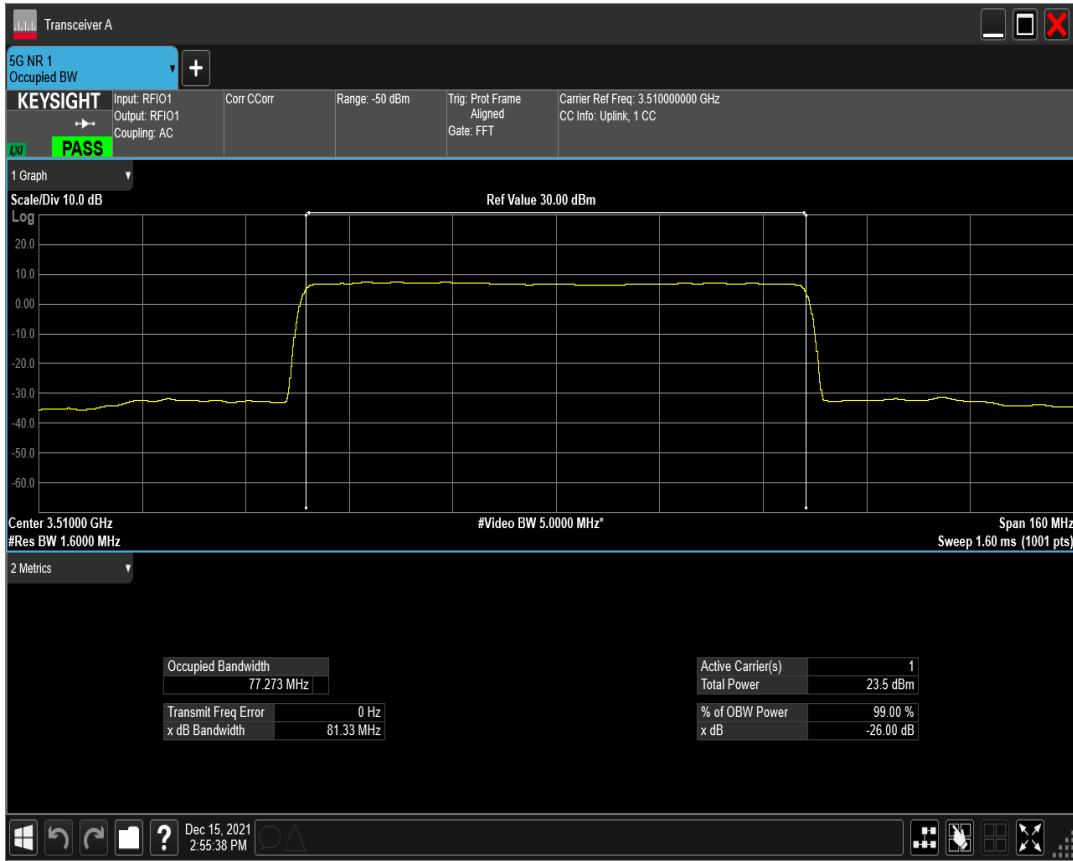
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=634000 RB=216@0



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

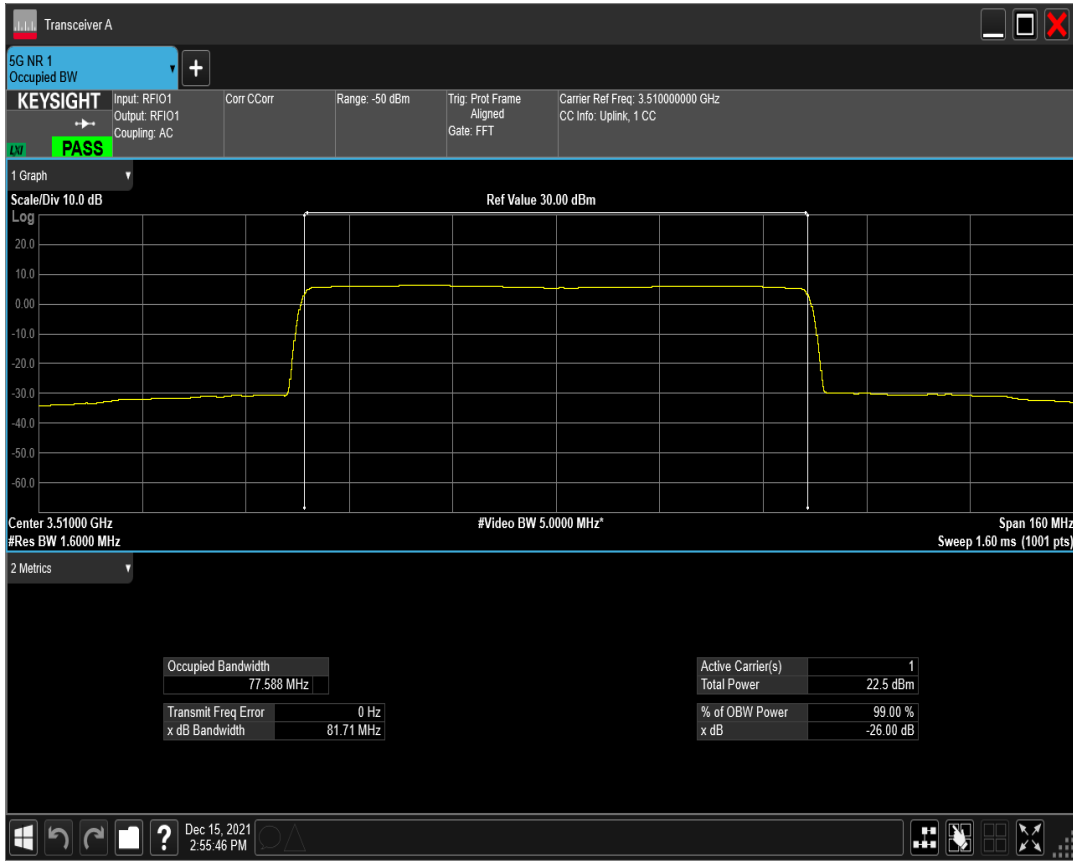


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=634000 RB=216@0

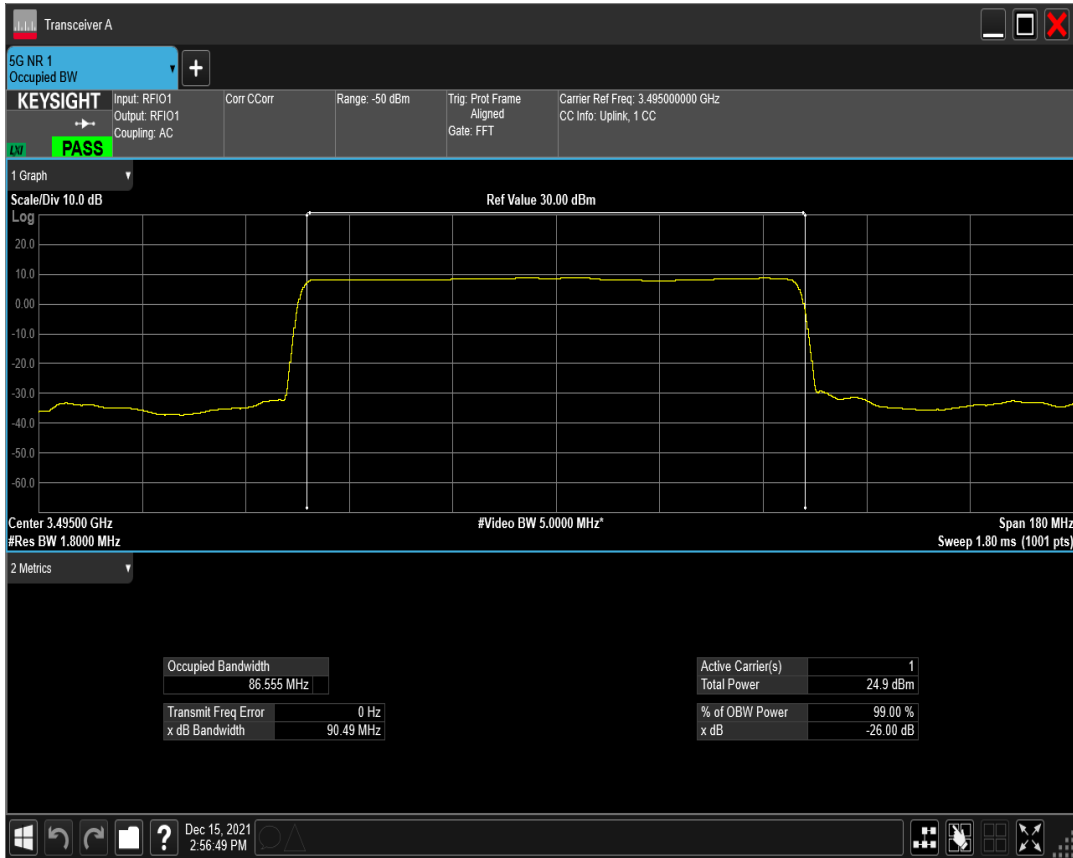




n77(3450-3550) SCS=30kHz CP\_QPSK BW=80MHz Channel=634000 RB=217@0



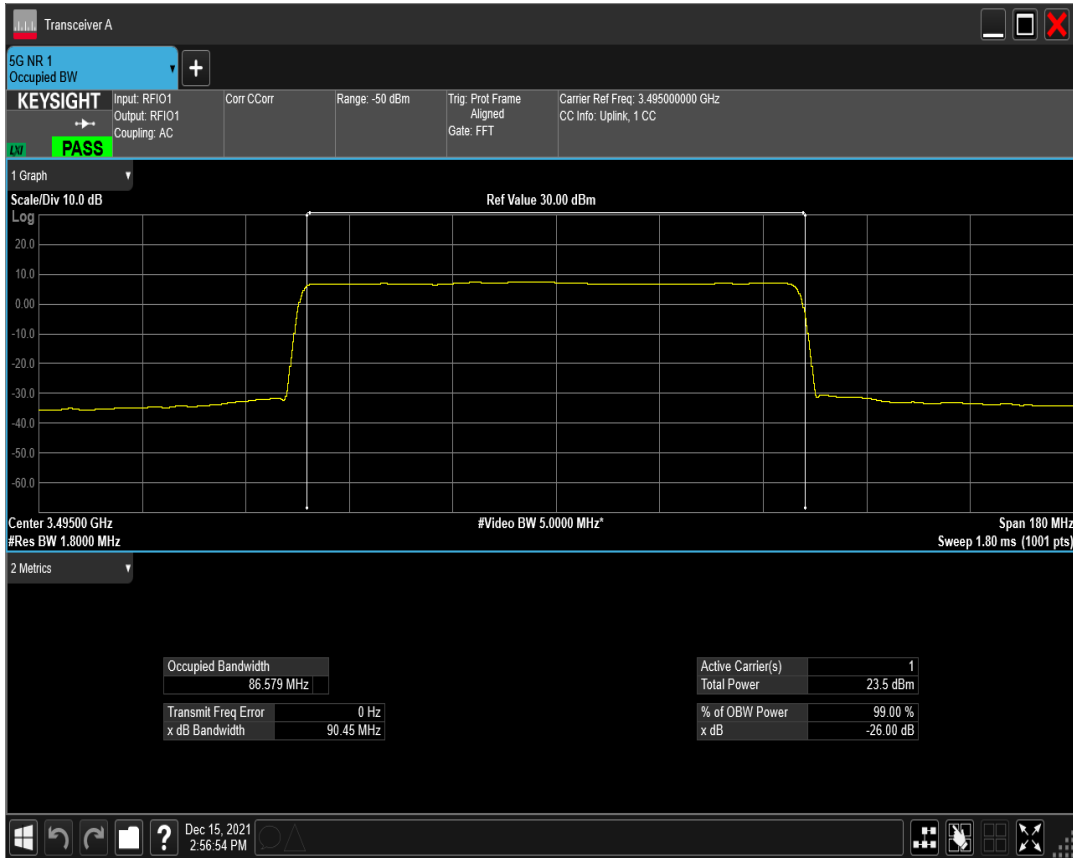
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633000 RB=240@0



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

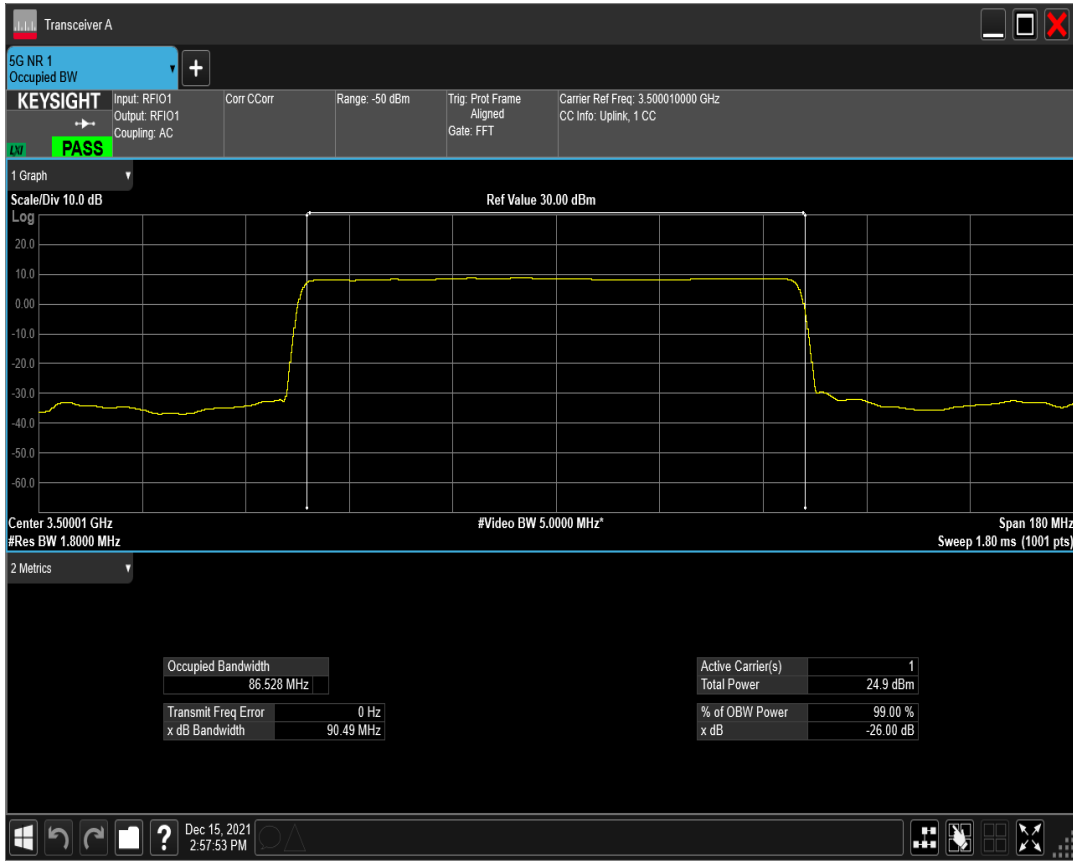


n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633000 RB=245@0

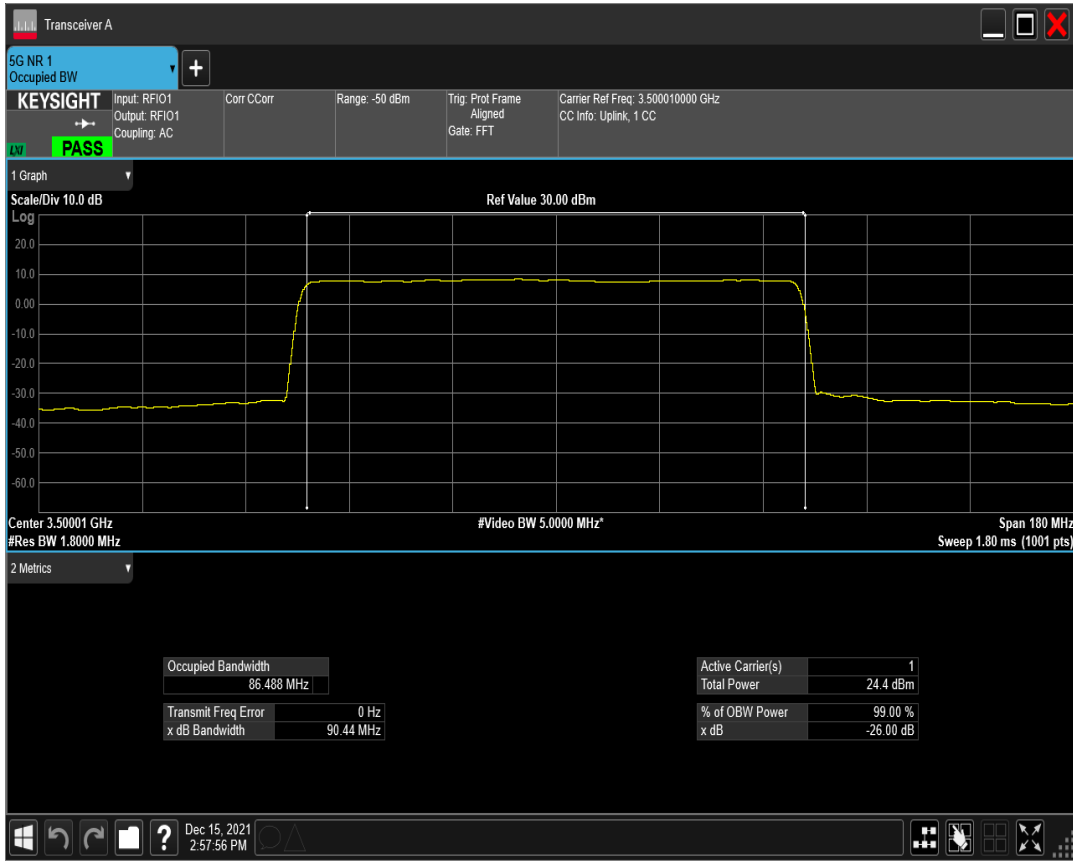


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0

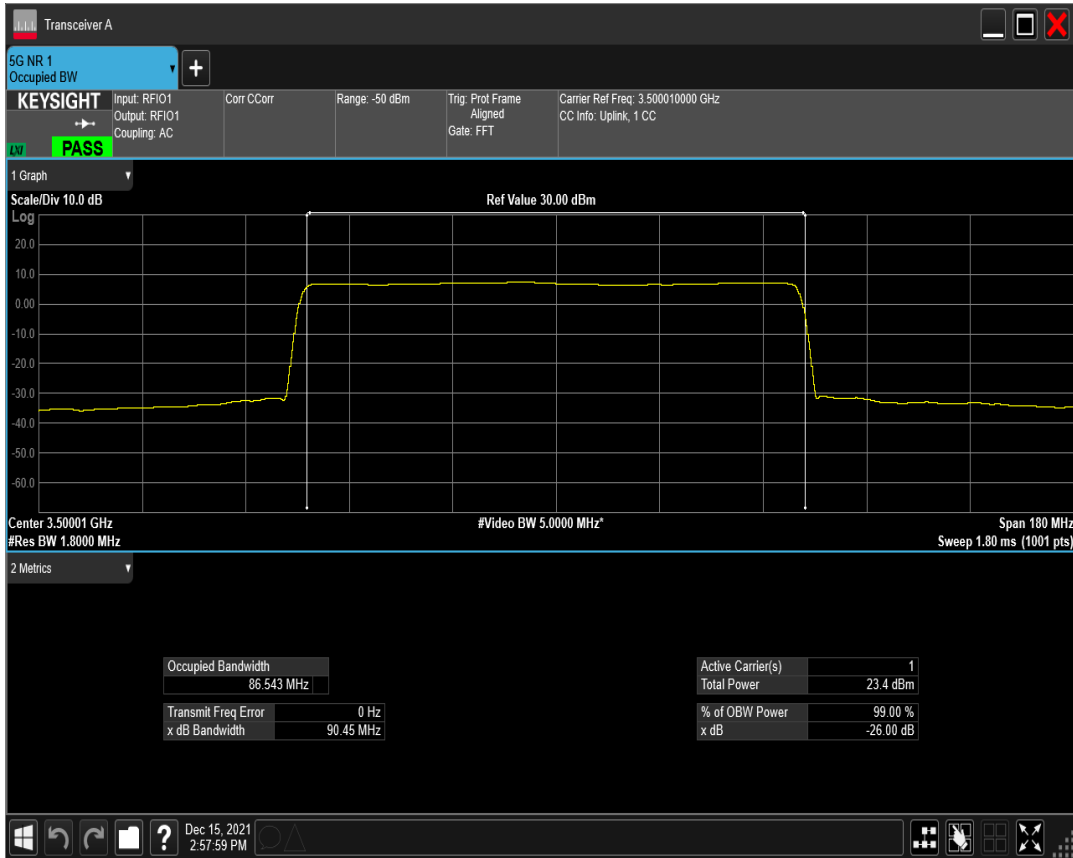




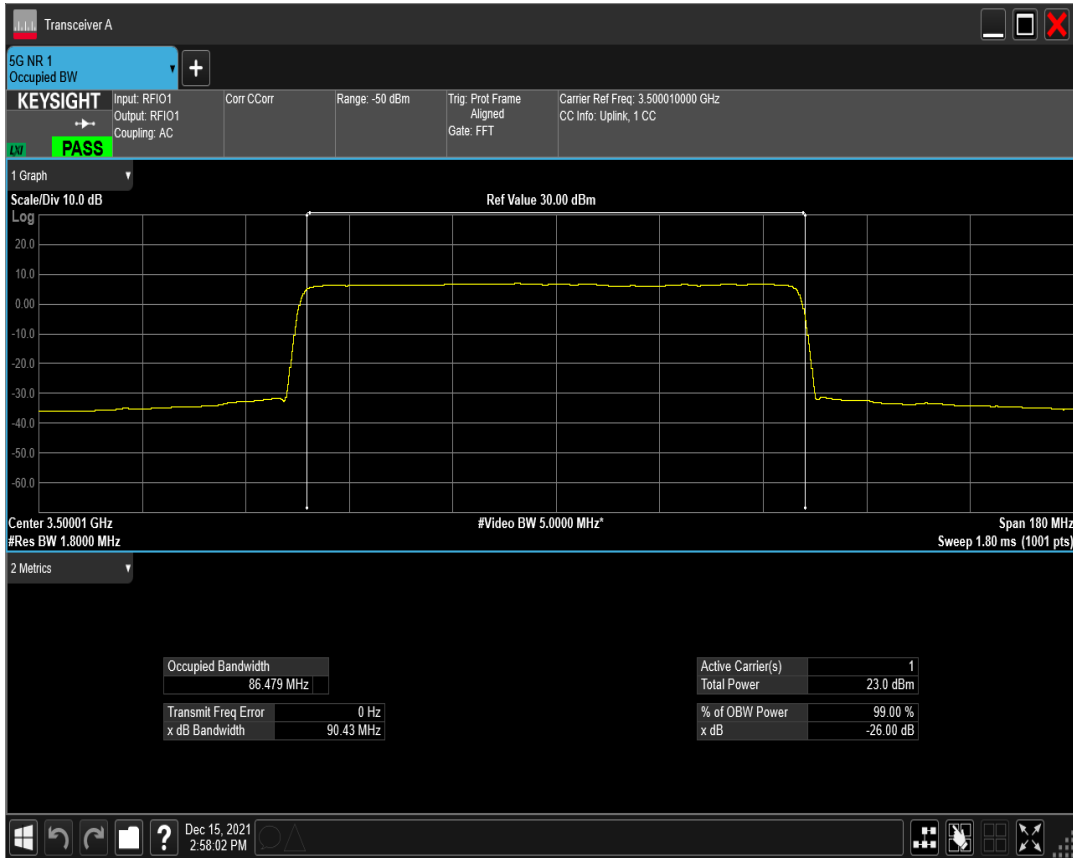
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



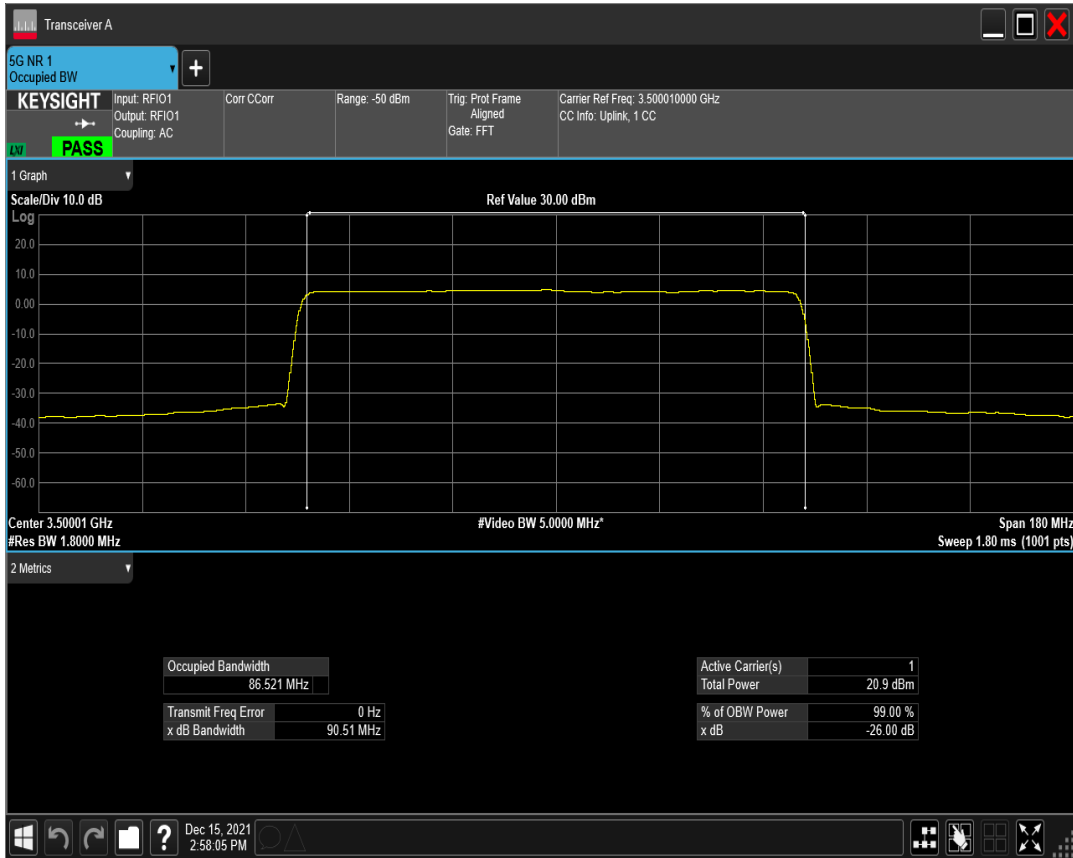
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



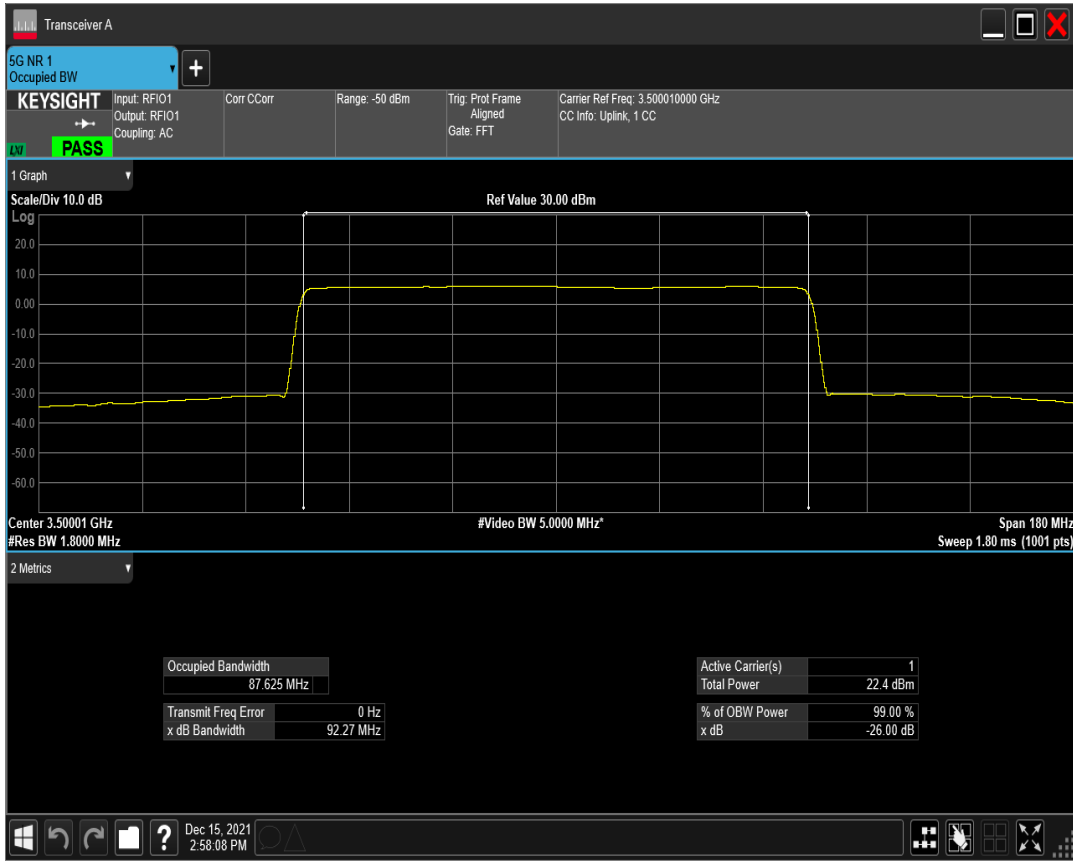
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



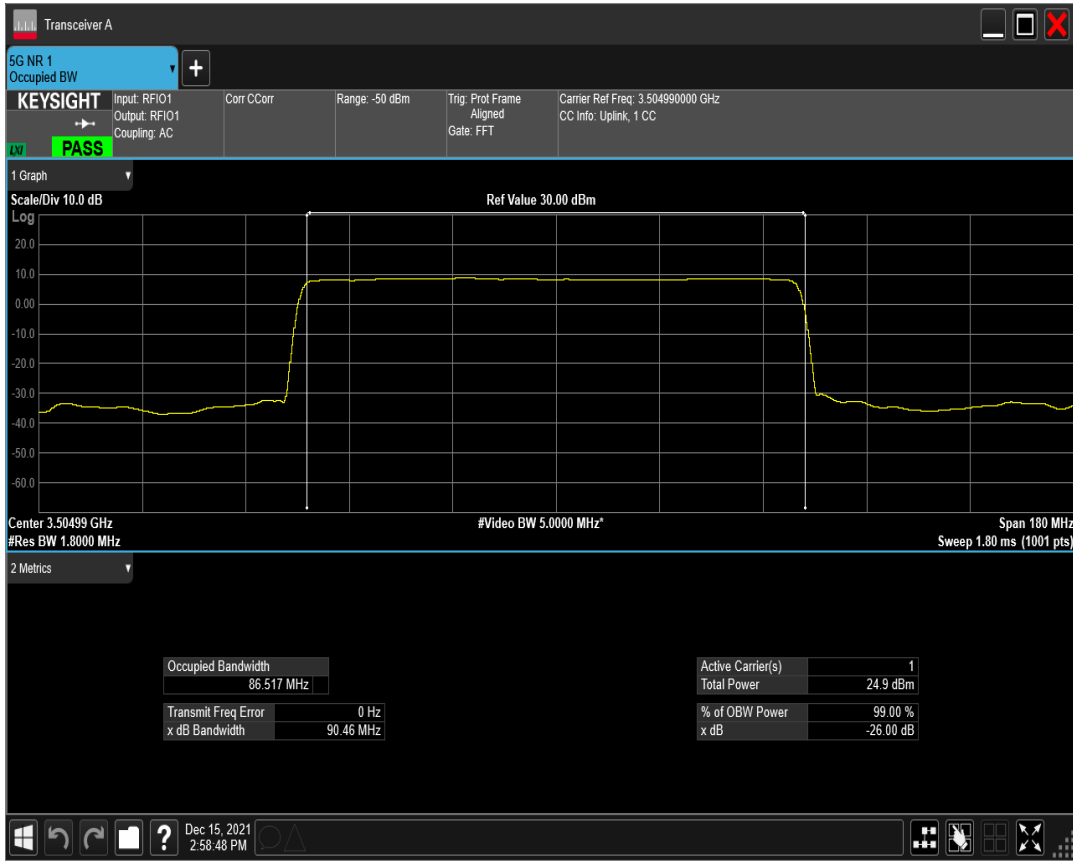
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



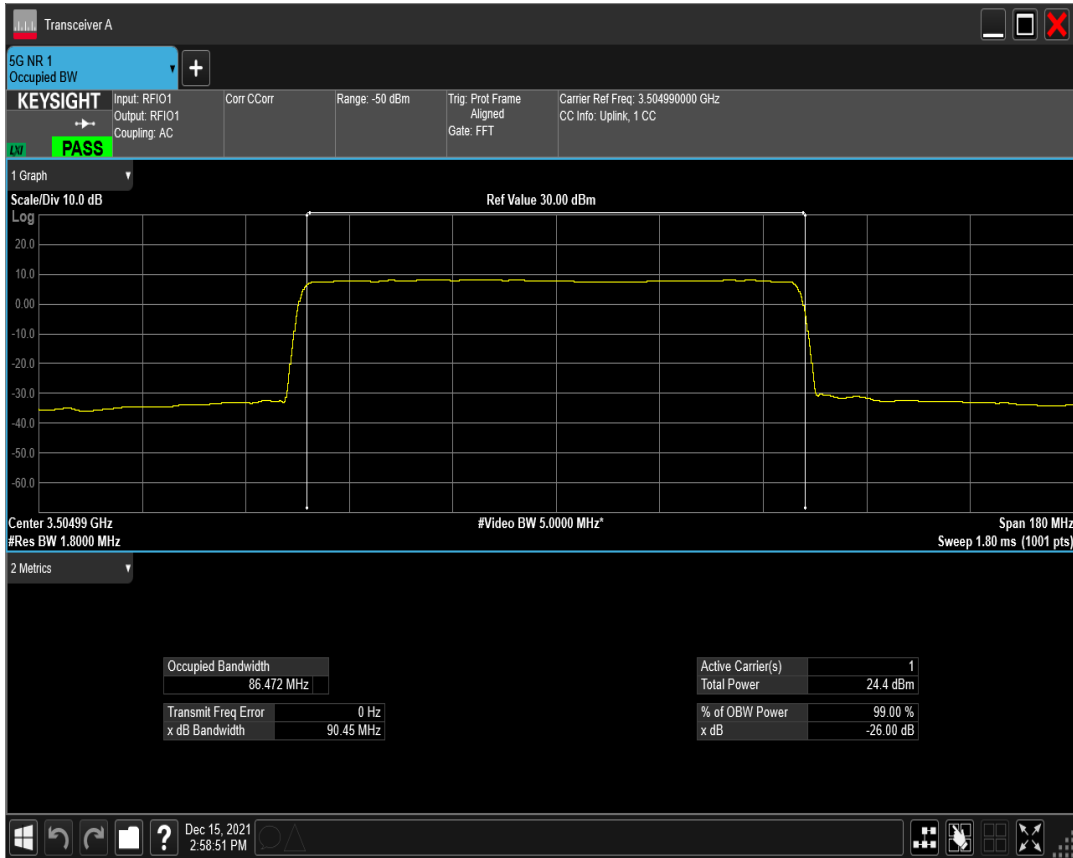
n77(3450-3550) SCS=30kHz CP\_QPSK BW=90MHz Channel=633334 RB=245@0



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

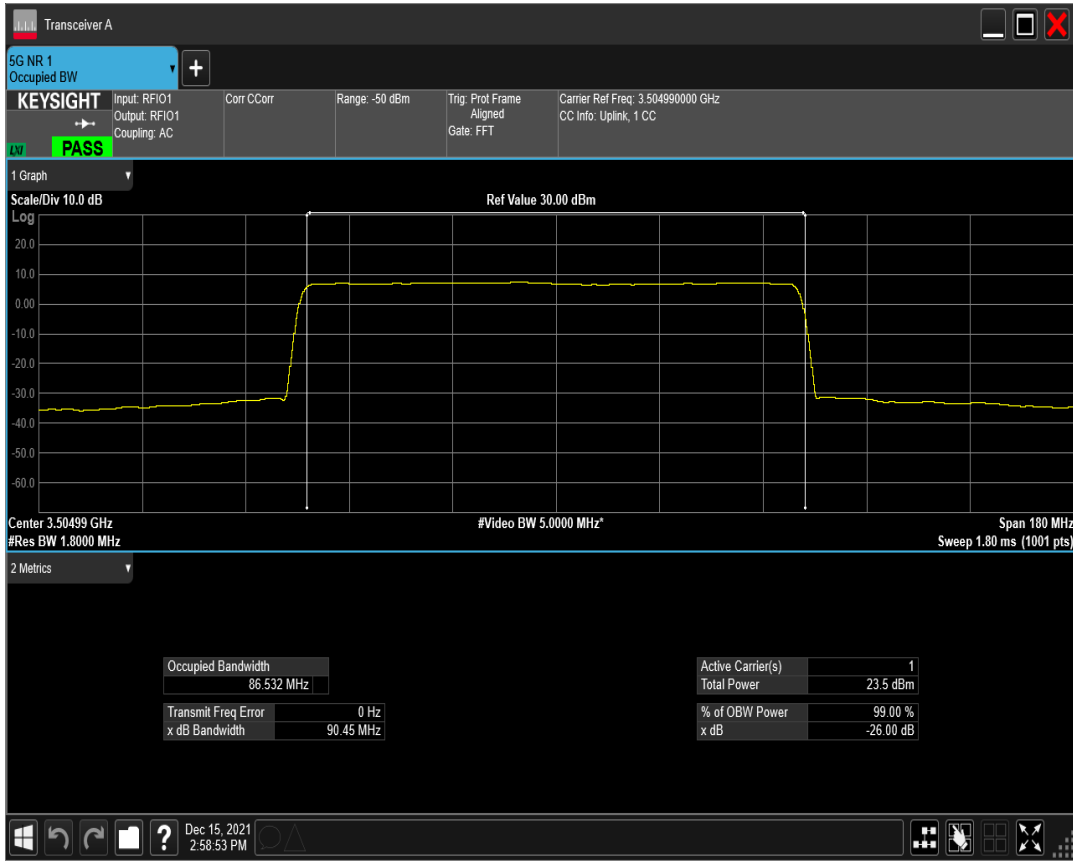


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633666 RB=240@0

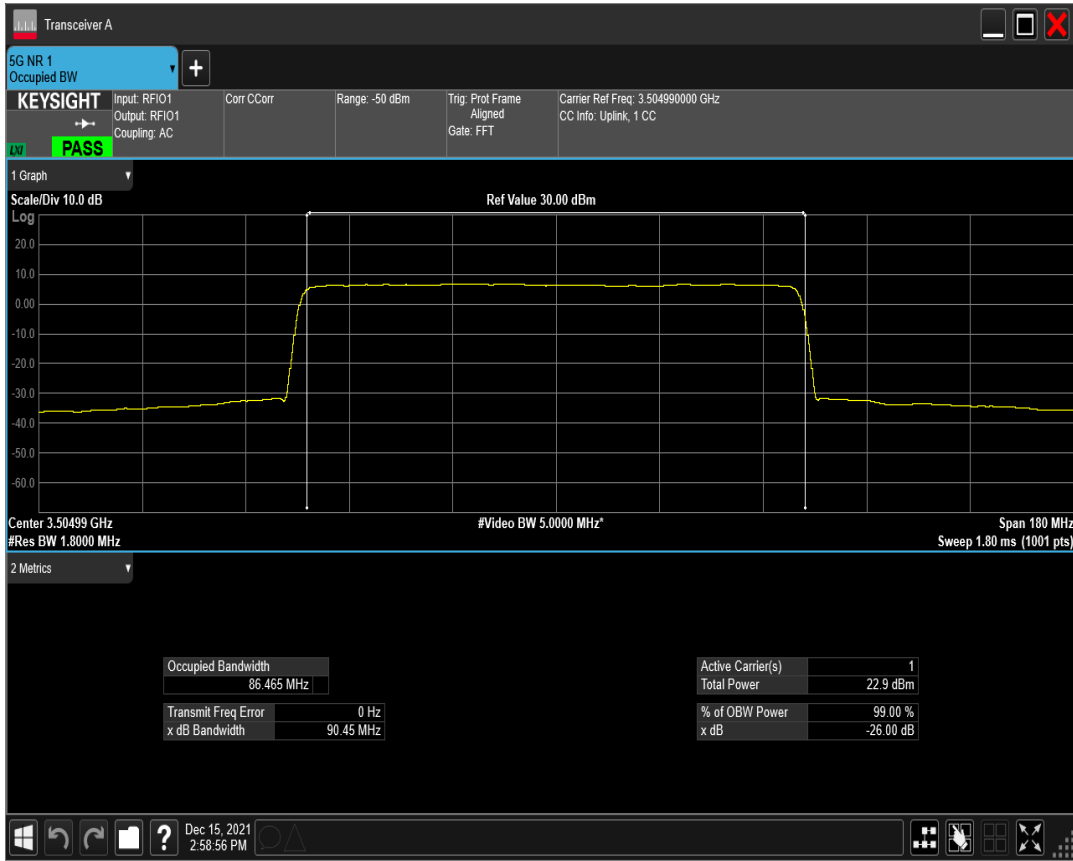


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633666 RB=240@0

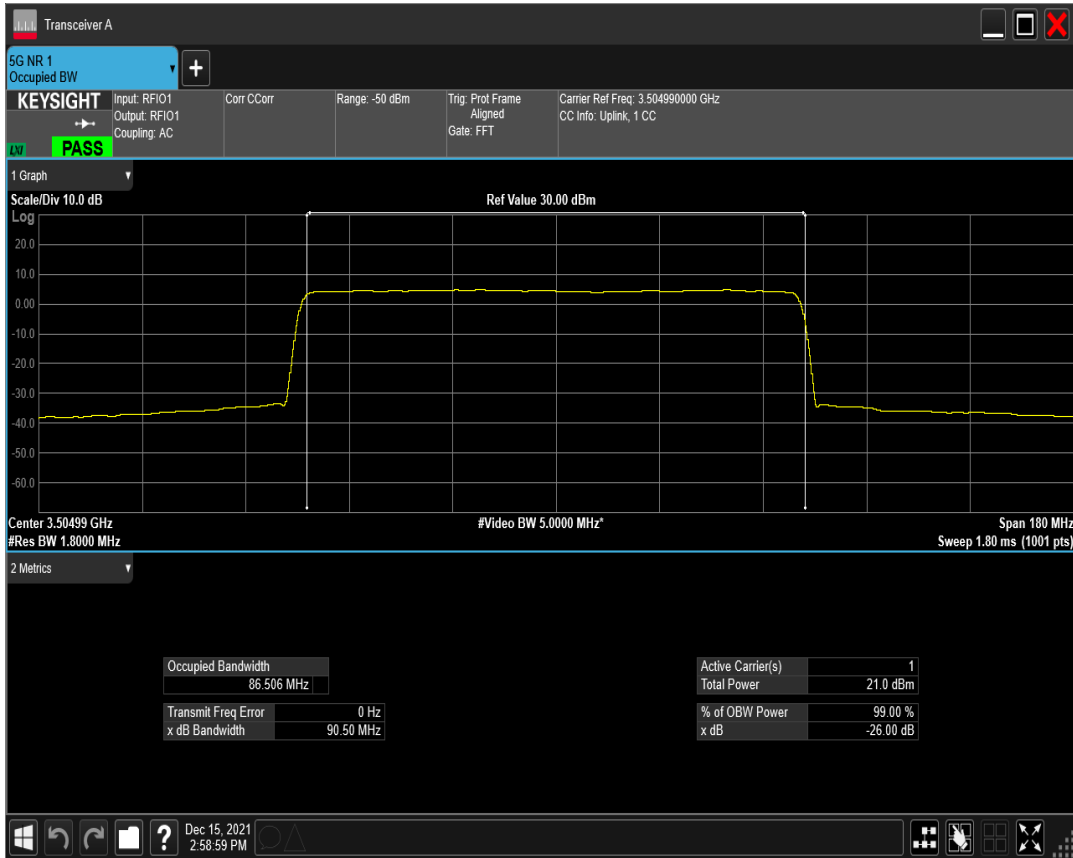




n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633666 RB=240@0



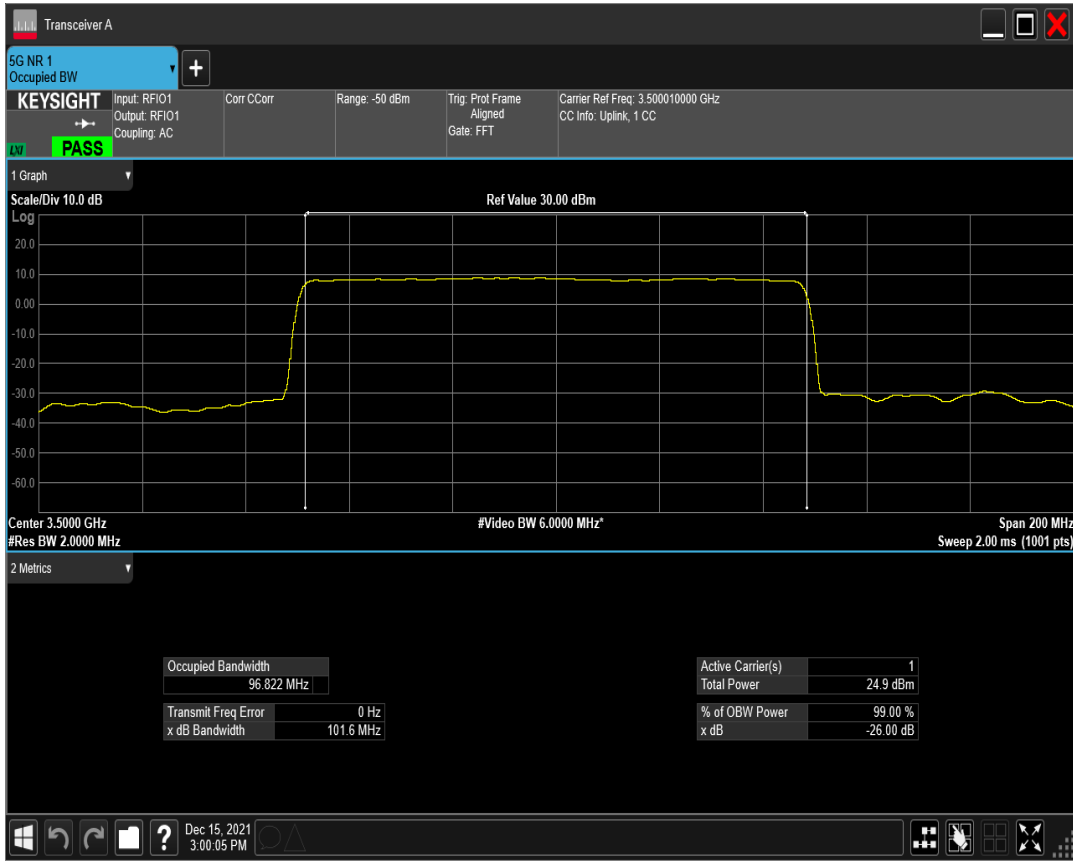
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633666 RB=240@0



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



n77(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633332 RB=270@0



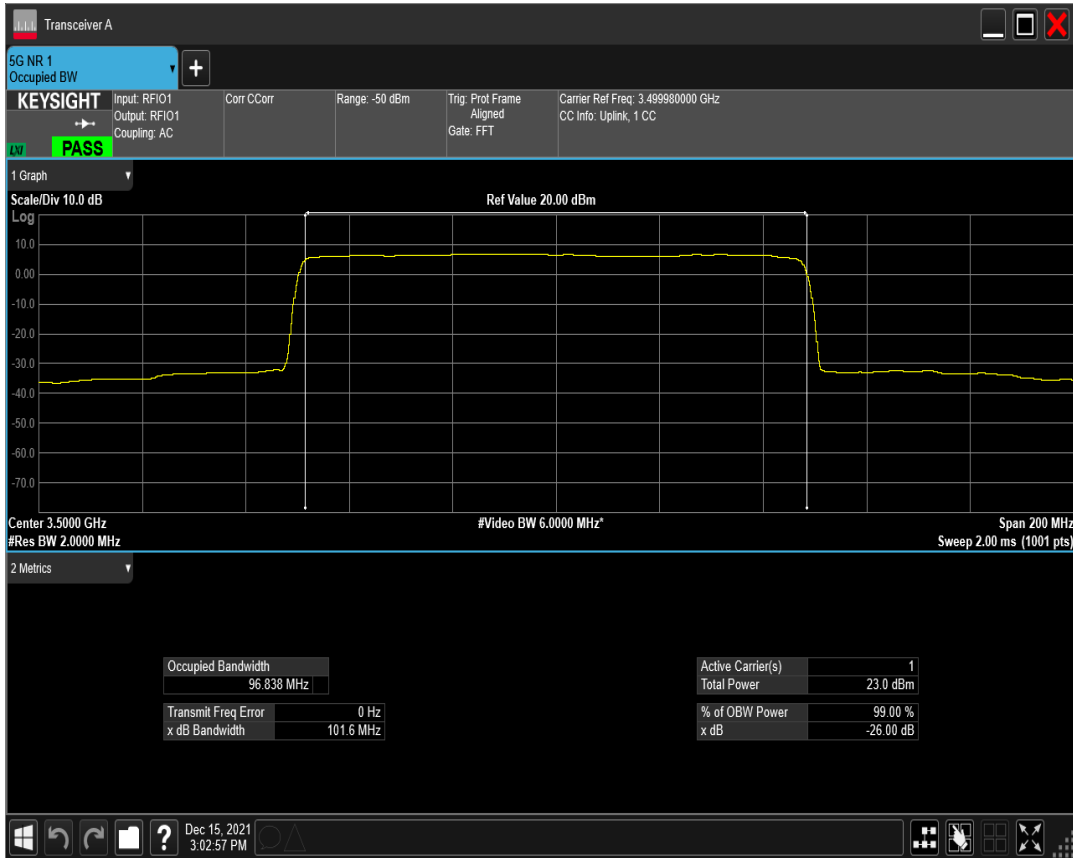
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=270@0



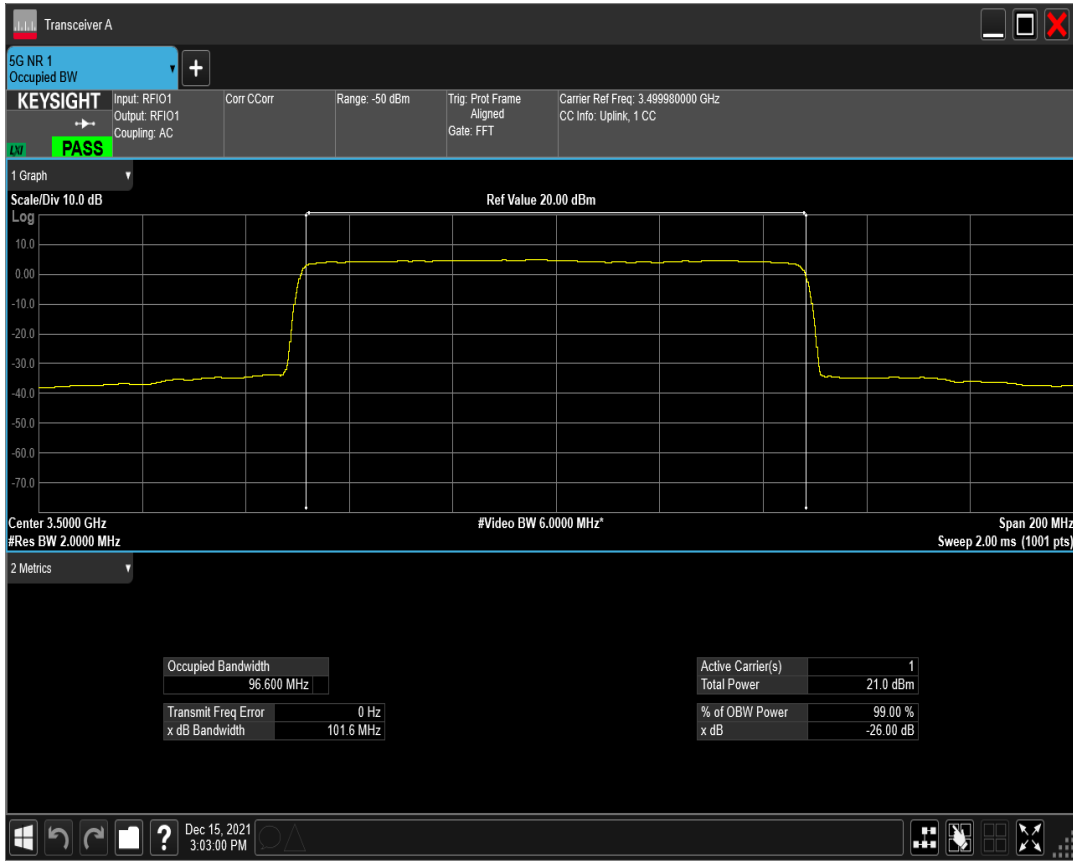
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633332 RB=270@0



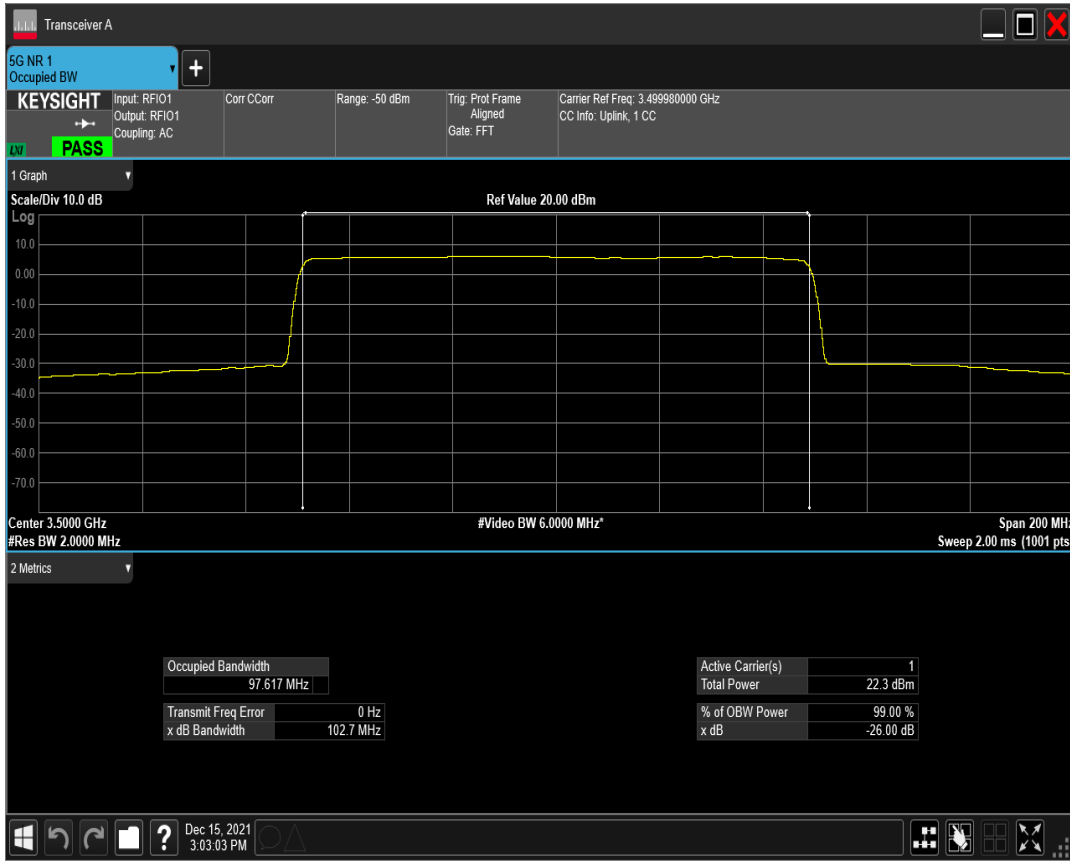
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=633332 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=633332 RB=270@0



n77(3450-3550) SCS=30kHz CP\_QPSK BW=100MHz Channel=633332 RB=273@0

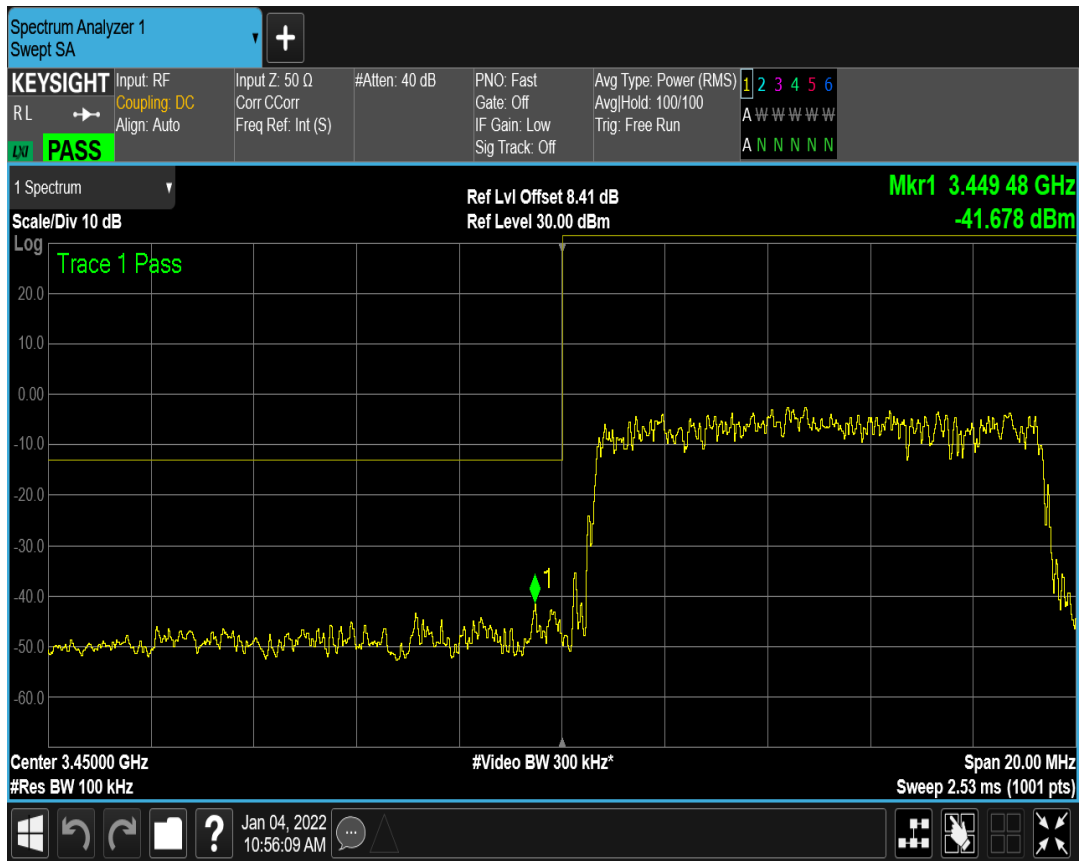


**5 Band edge for NR FR1**

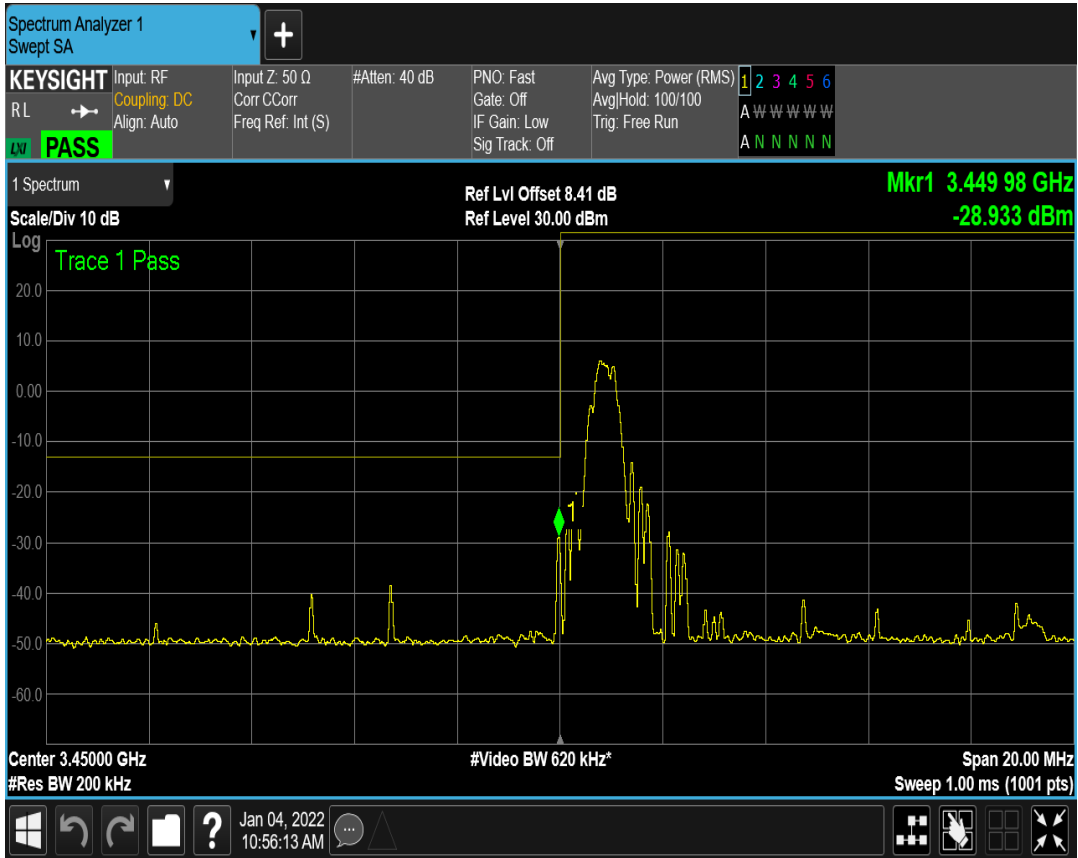
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	3449.48	-41.67	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	3449.98	-28.93	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	3550.04	-39.05	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	3550.12	-36.09	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	3450.00	-26.77	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	3449.80	-32.75	-13	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QPSK	3643.00	-37.36	-13	PASS
n77(3450-3550)	30	100	633332	1@272	DFT_QPSK	3550.00	-39.84	-13	PASS

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

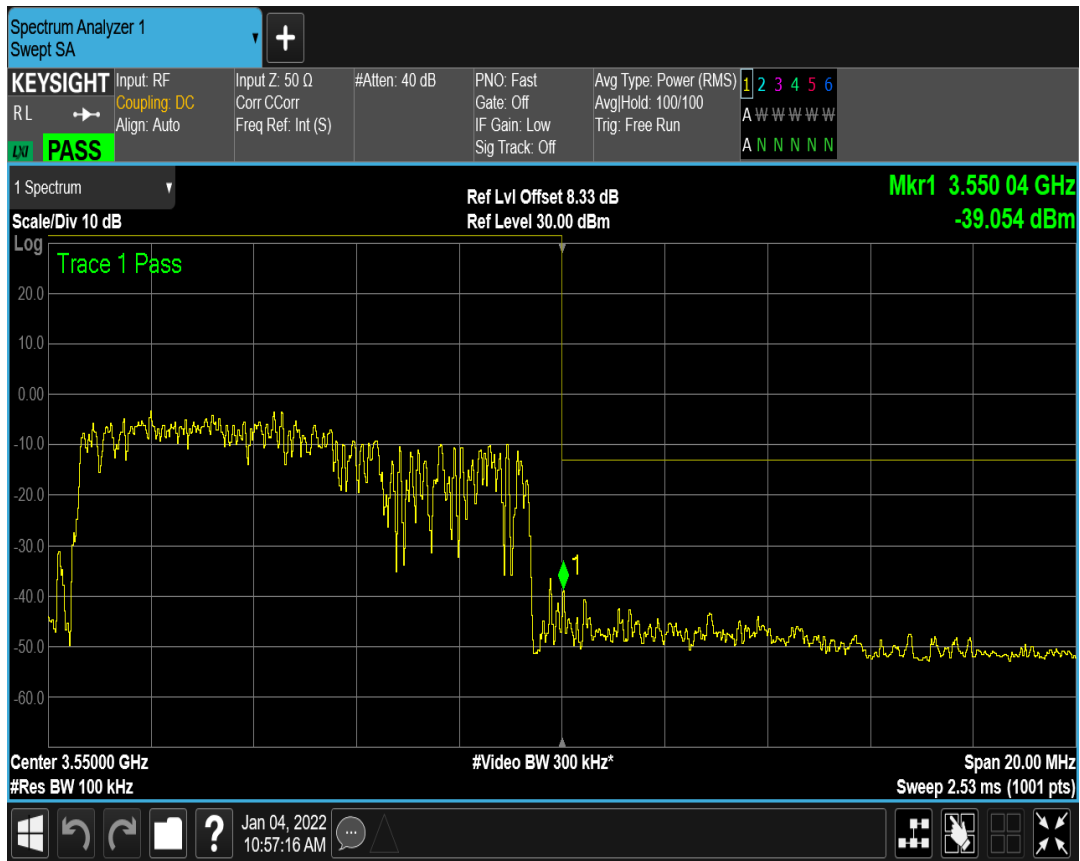




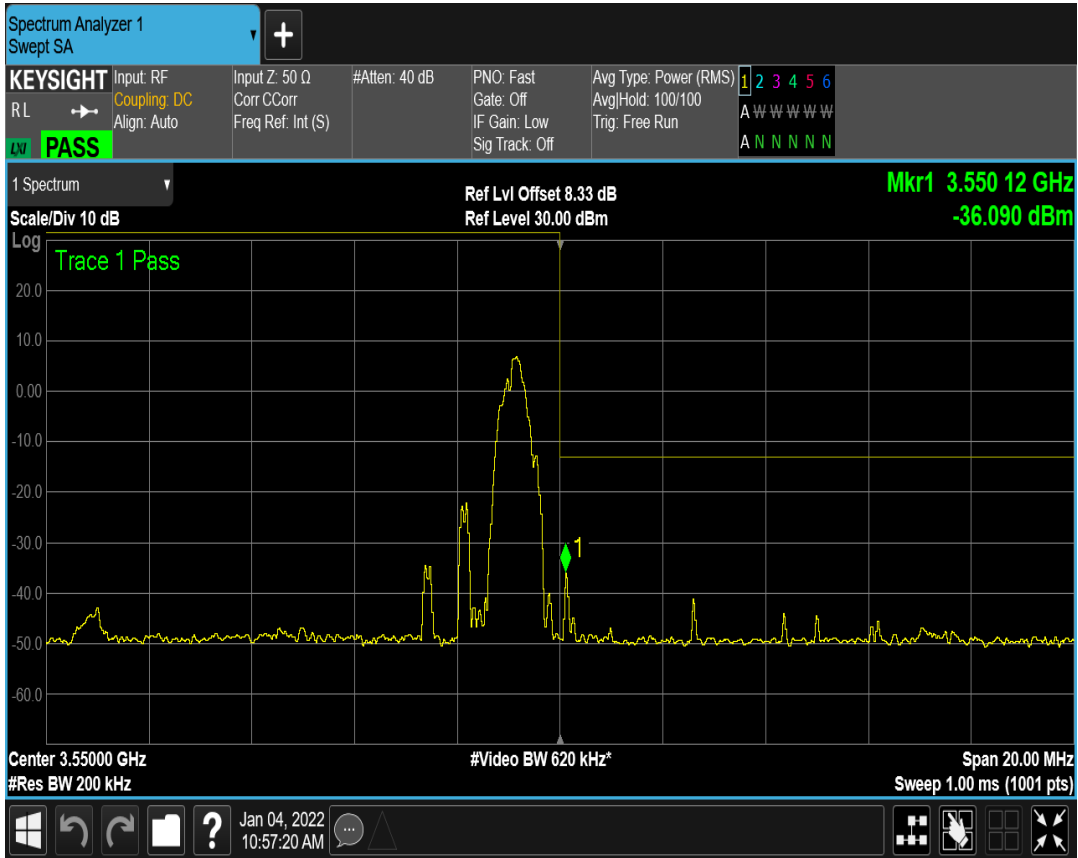
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1 @0



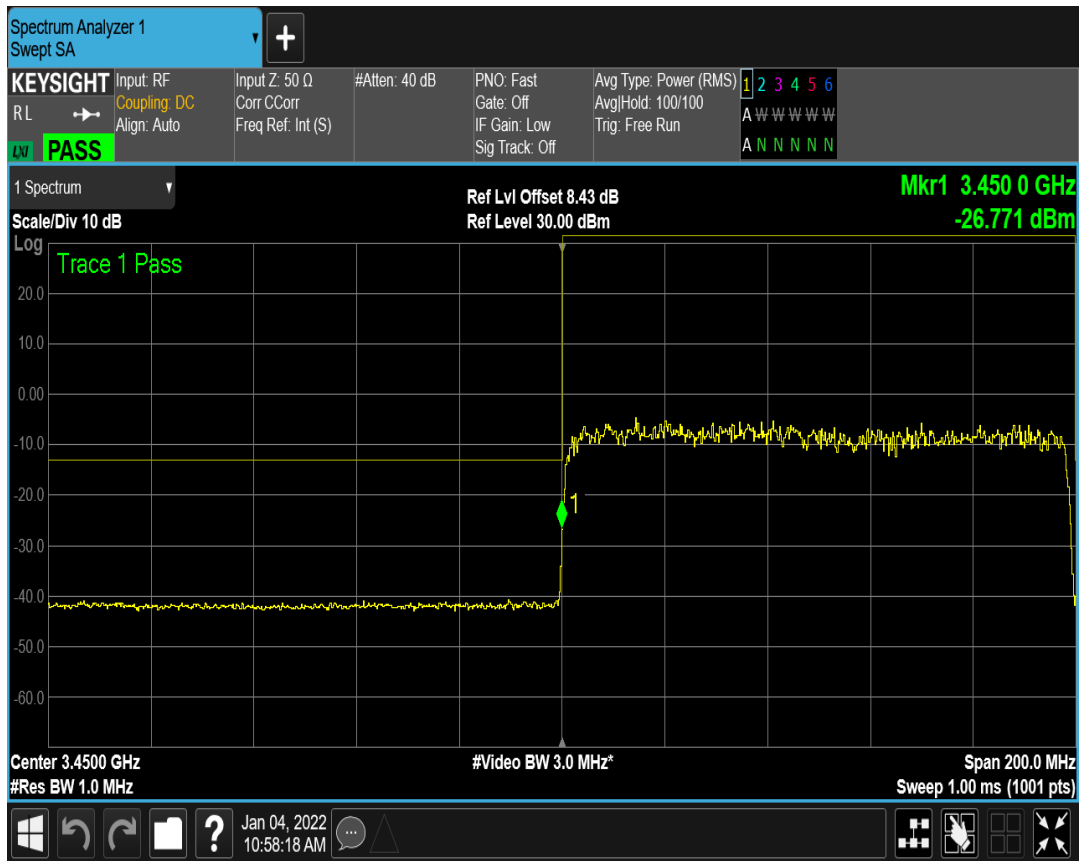
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=24@0



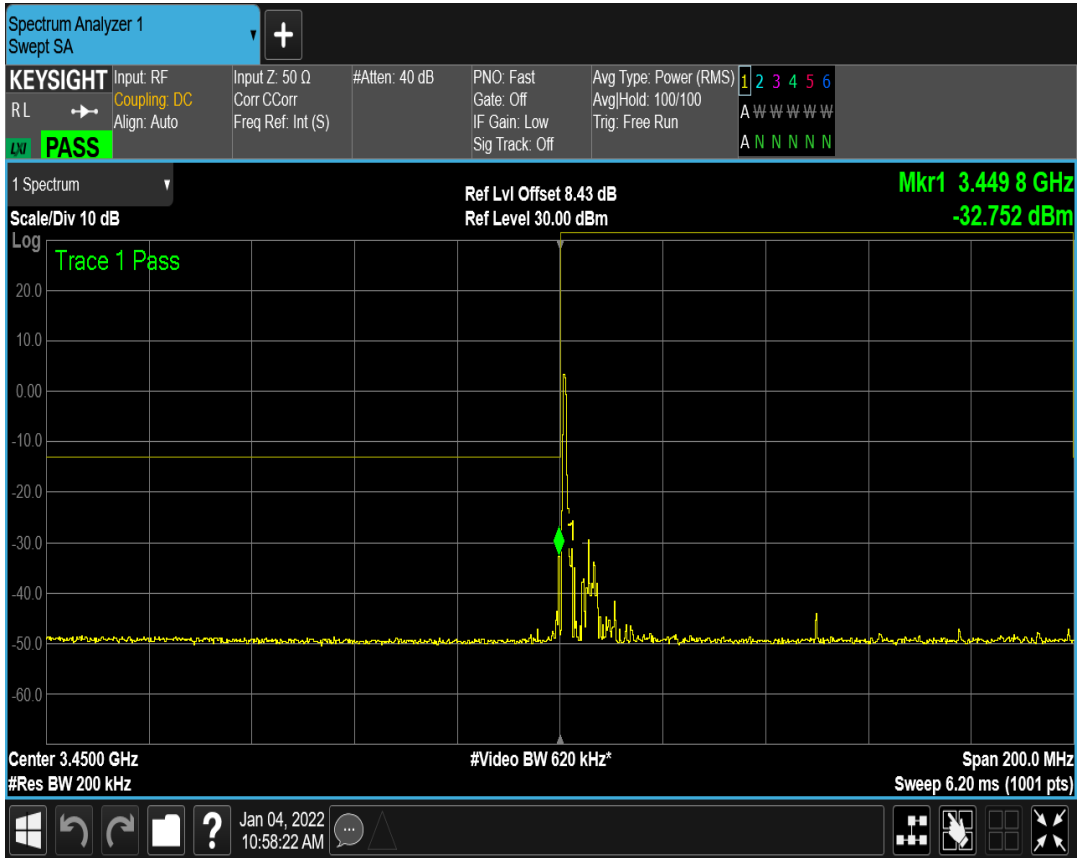
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1 @23



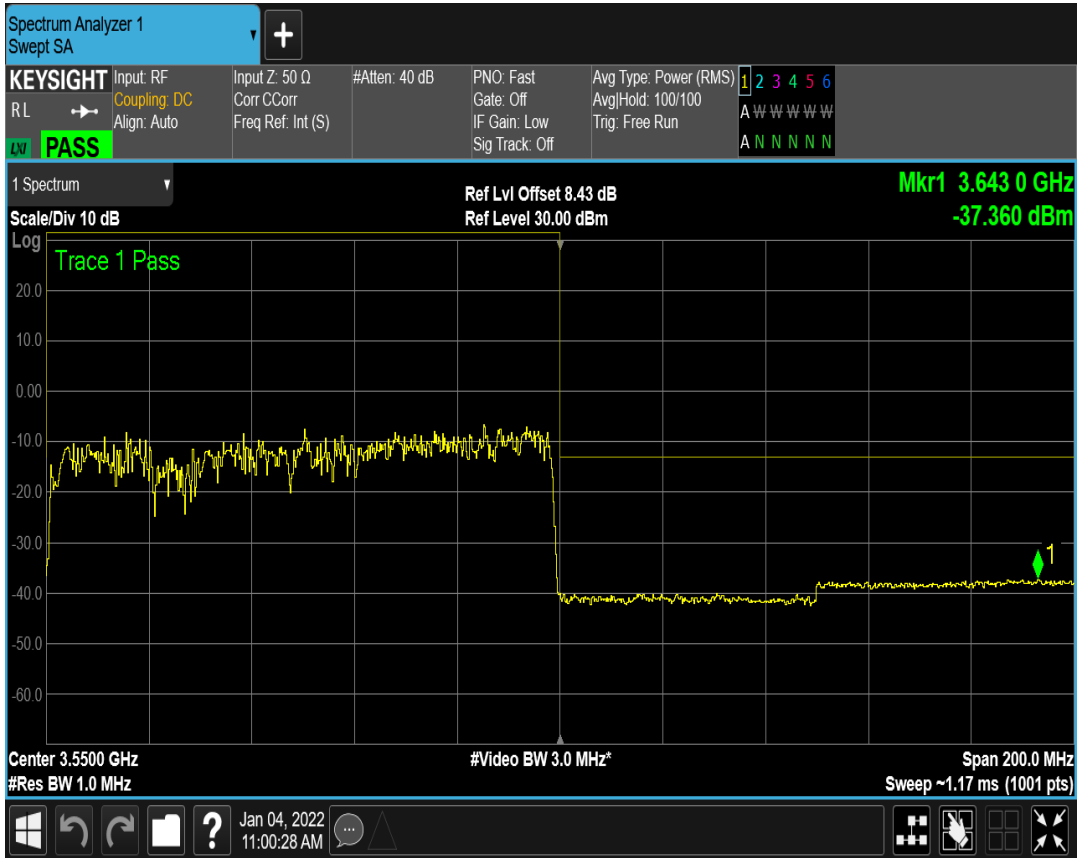
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



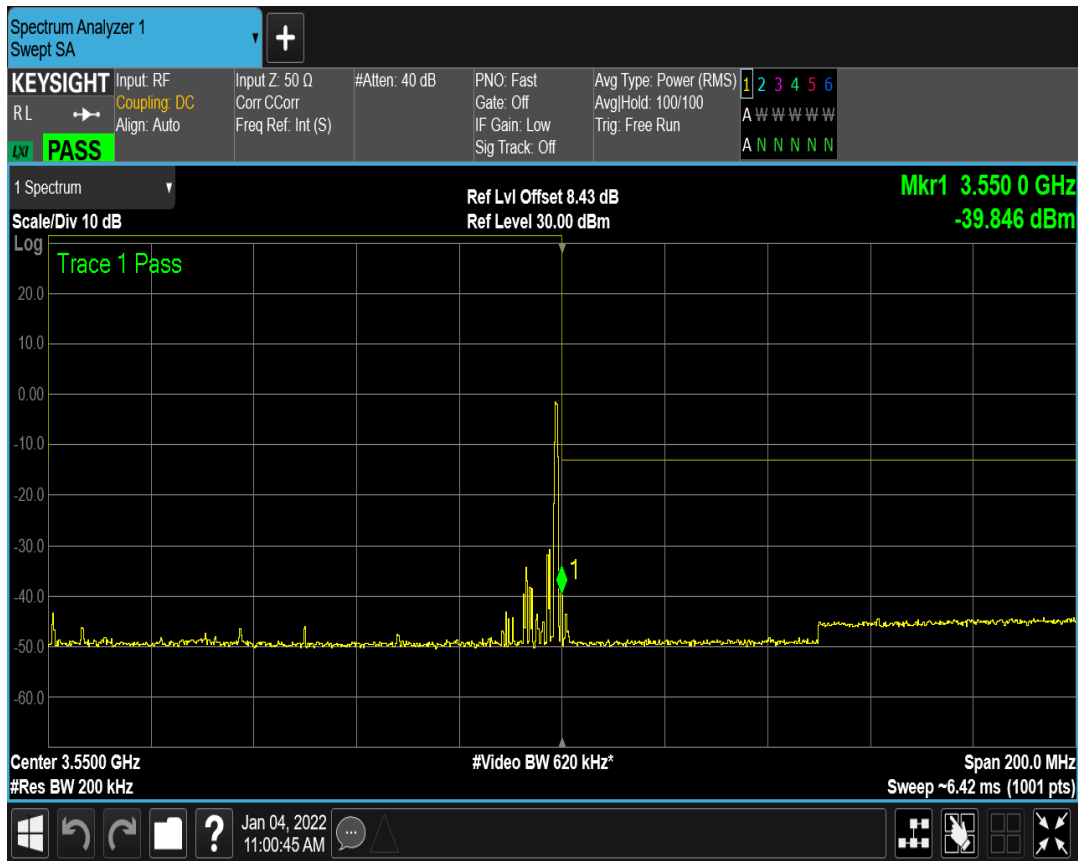
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=1 @272

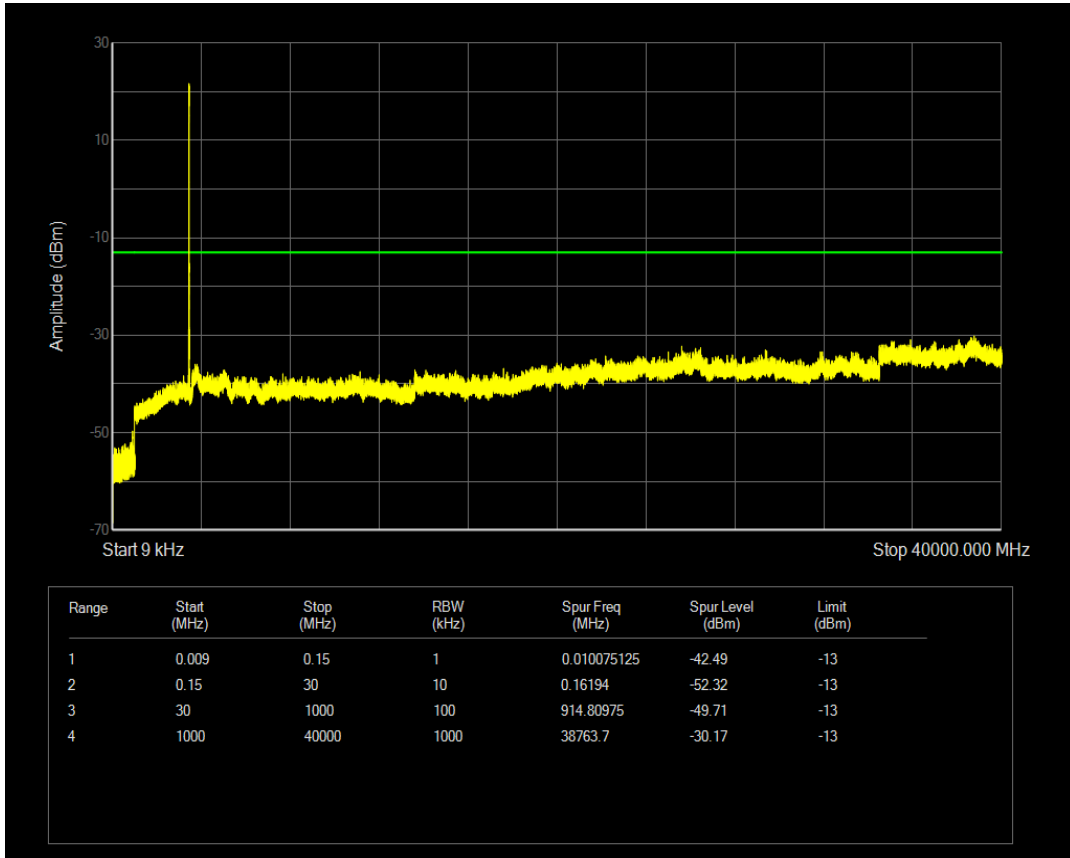


**6 Out-of-band emissions for NR FR1**

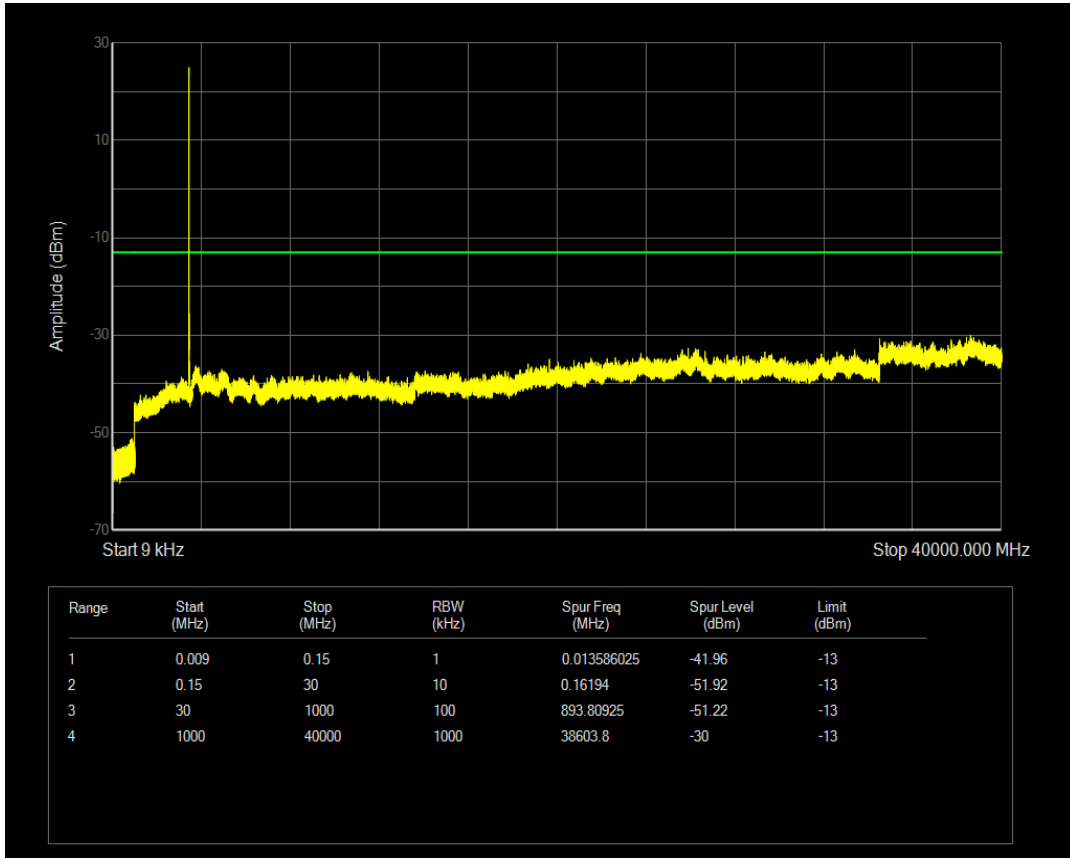
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	38763.70	-30.17	-13	PASS
n77(3450-3550)	30	10	630334	1@0	DFT_QPSK	38603.80	-30.00	-13	PASS
n77(3450-3550)	30	10	630334	1@23	DFT_QPSK	38846.58	-29.69	-13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	38604.78	-29.61	-13	PASS
n77(3450-3550)	30	10	633334	1@0	DFT_QPSK	38639.88	-29.69	-13	PASS
n77(3450-3550)	30	10	633334	1@23	DFT_QPSK	38556.03	-29.66	-13	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	38052.93	-29.66	-13	PASS
n77(3450-3550)	30	10	636332	1@0	DFT_QPSK	38570.65	-28.95	-13	PASS
n77(3450-3550)	30	10	636332	1@23	DFT_QPSK	38585.28	-29.69	-13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	38852.43	-29.85	-13	PASS
n77(3450-3550)	30	100	633334	1@0	DFT_QPSK	38969.43	-30.19	-13	PASS
n77(3450-3550)	30	100	633334	1@272	DFT_QPSK	38861.20	-29.82	-13	PASS
n77(3450-3550)	30	100	633332	270@0	DFT_QPSK	38518.00	-29.50	-13	PASS
n77(3450-3550)	30	100	633332	1@0	DFT_QPSK	38620.38	-30.06	-13	PASS
n77(3450-3550)	30	100	633332	1@272	DFT_QPSK	38791.98	-30.32	-13	PASS

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

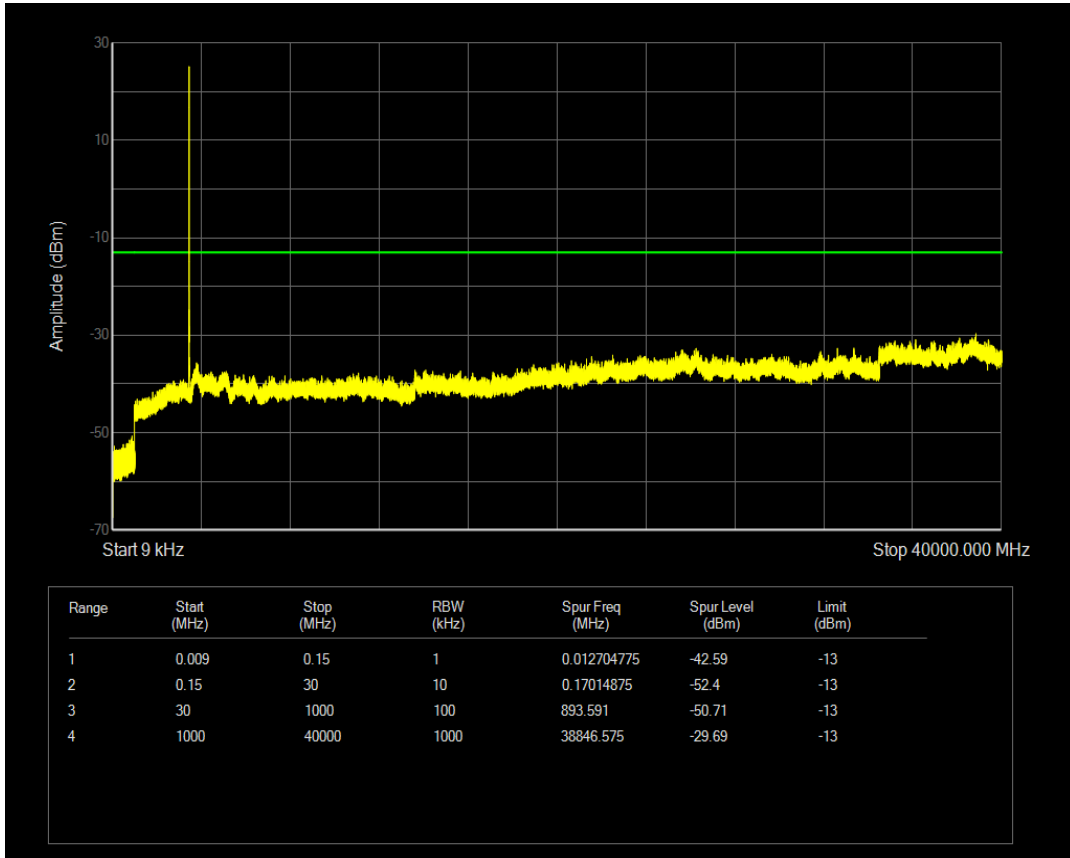




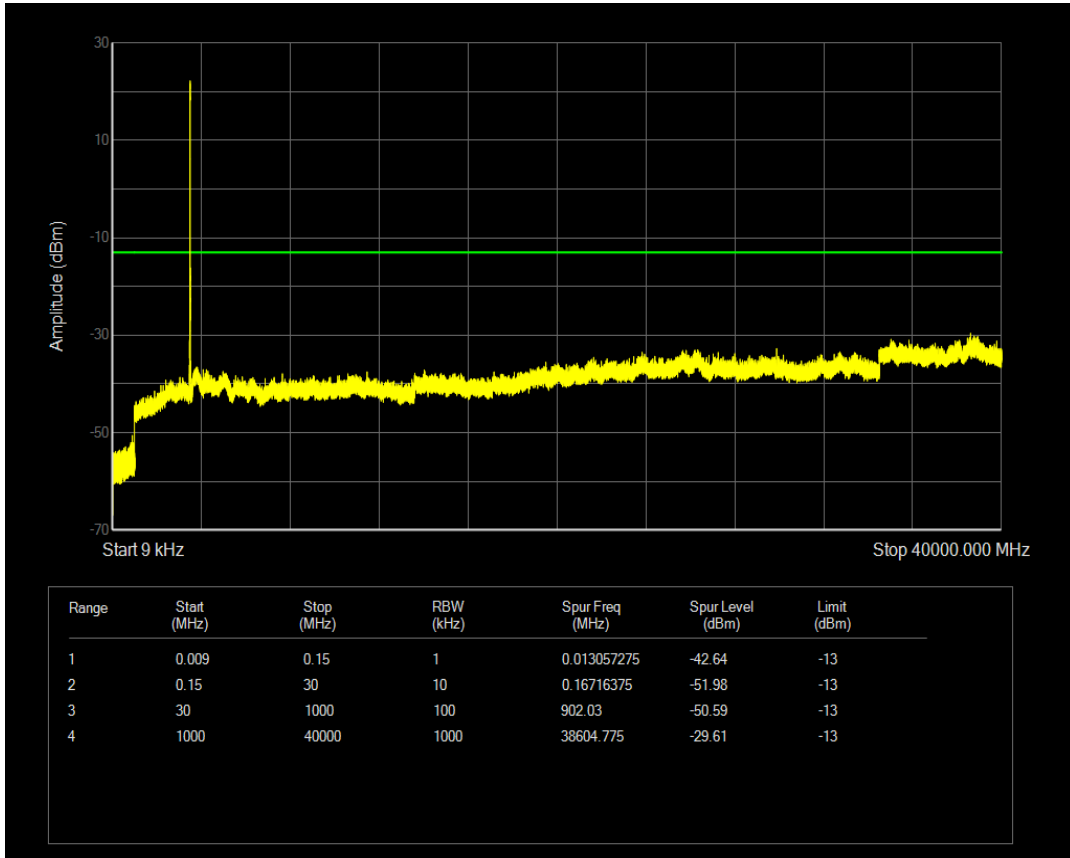
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@0



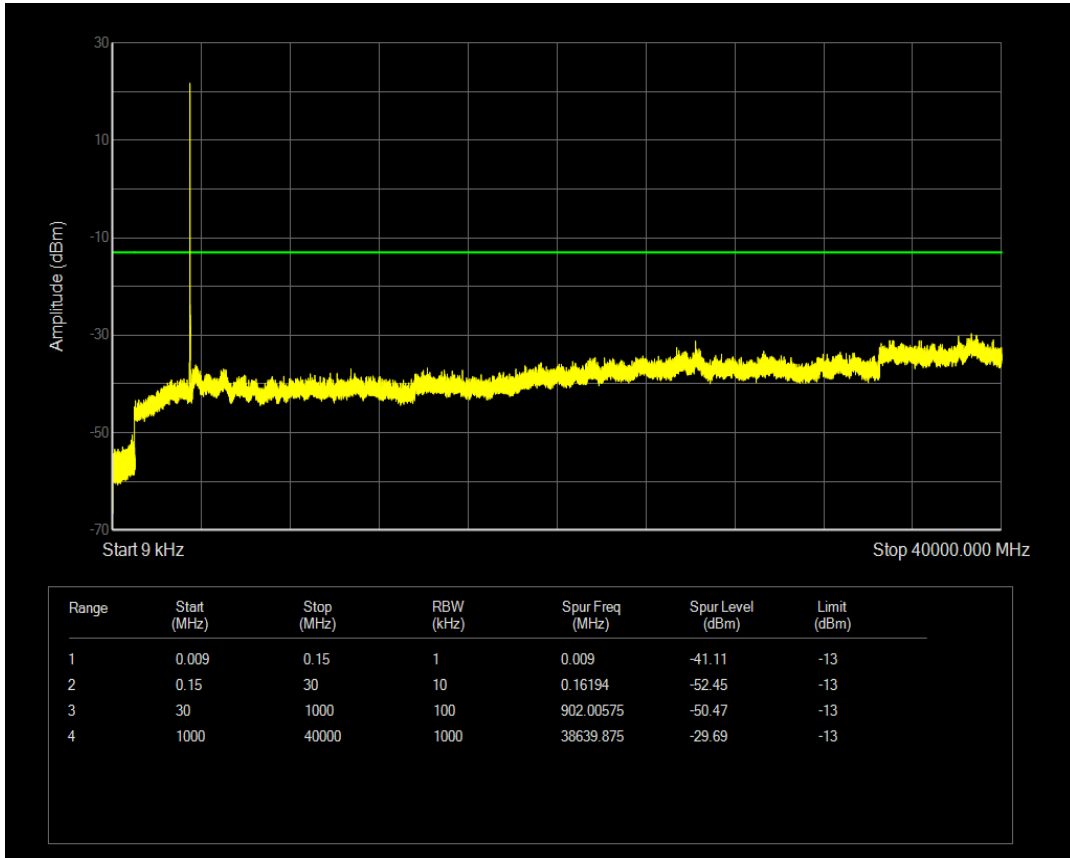
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=630334 RB=1@23



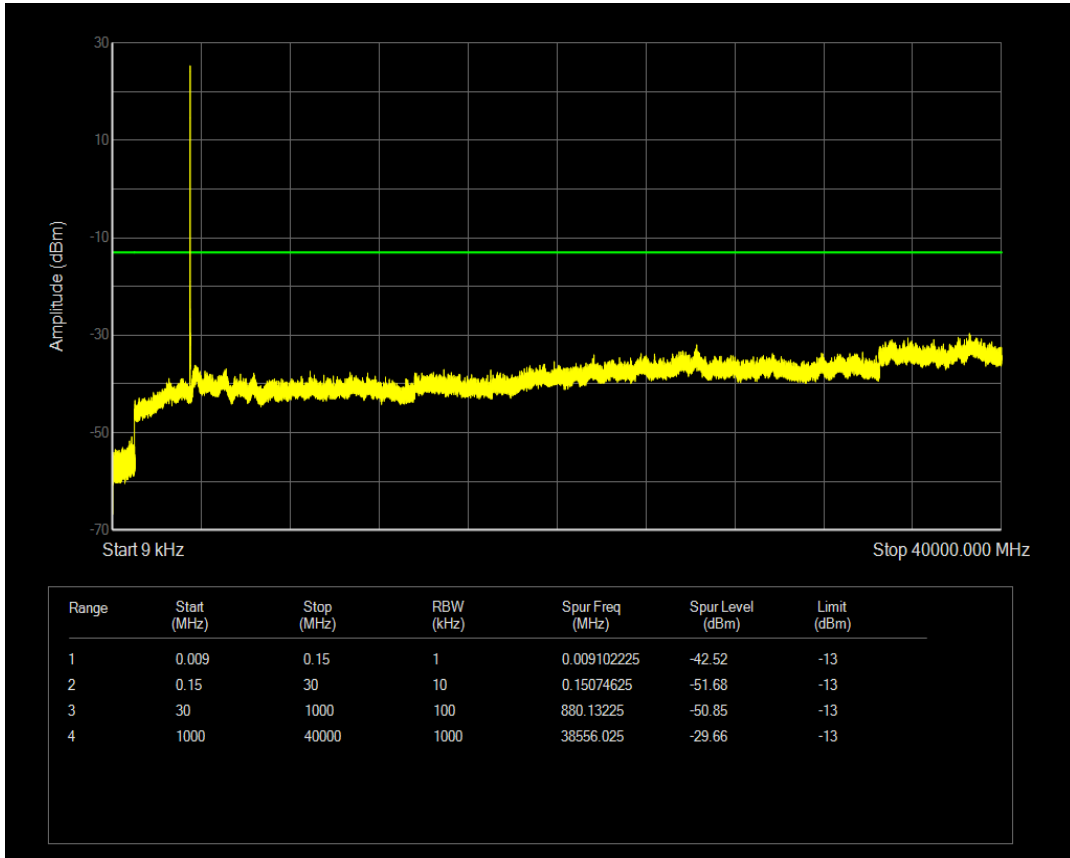
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



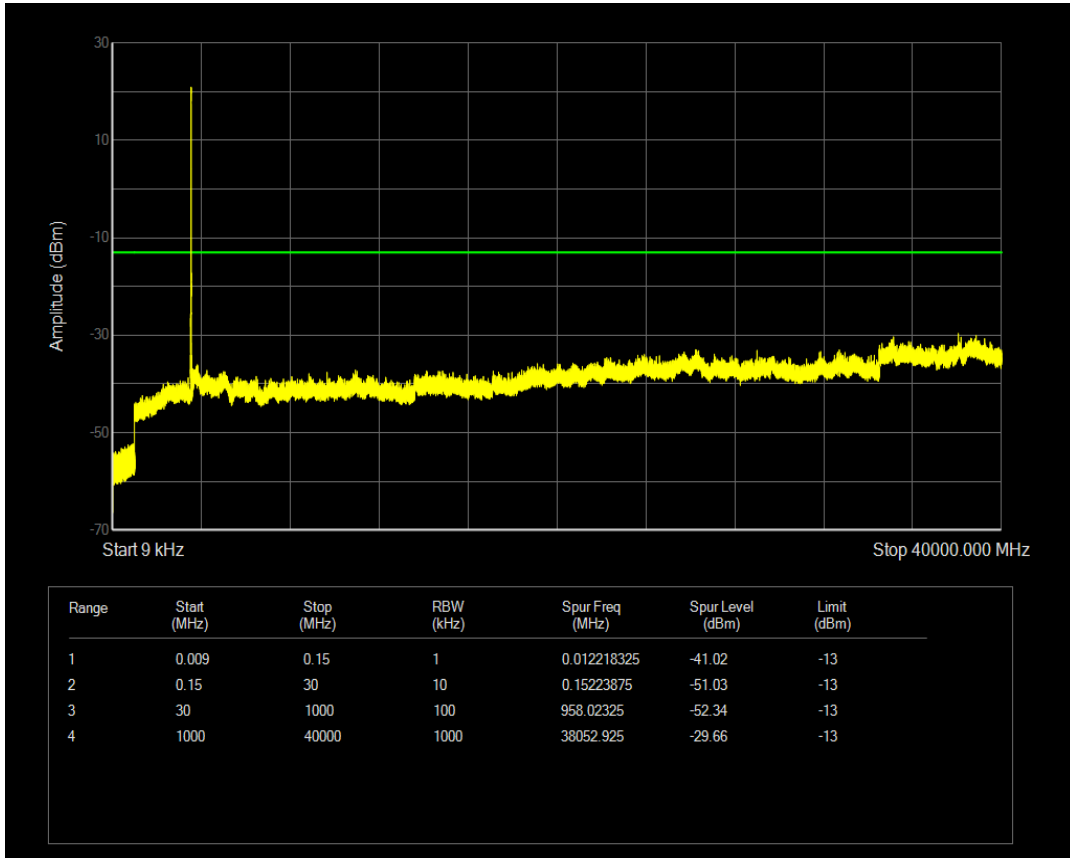
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@0



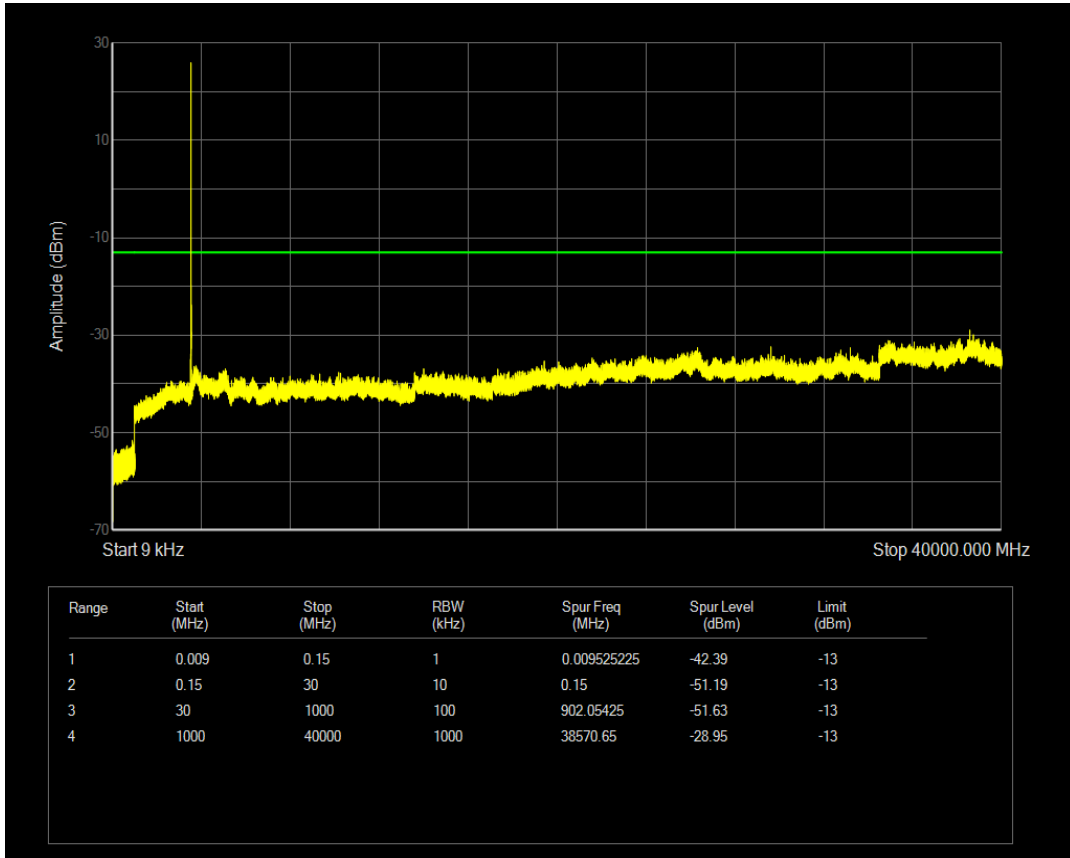
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=1@23



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

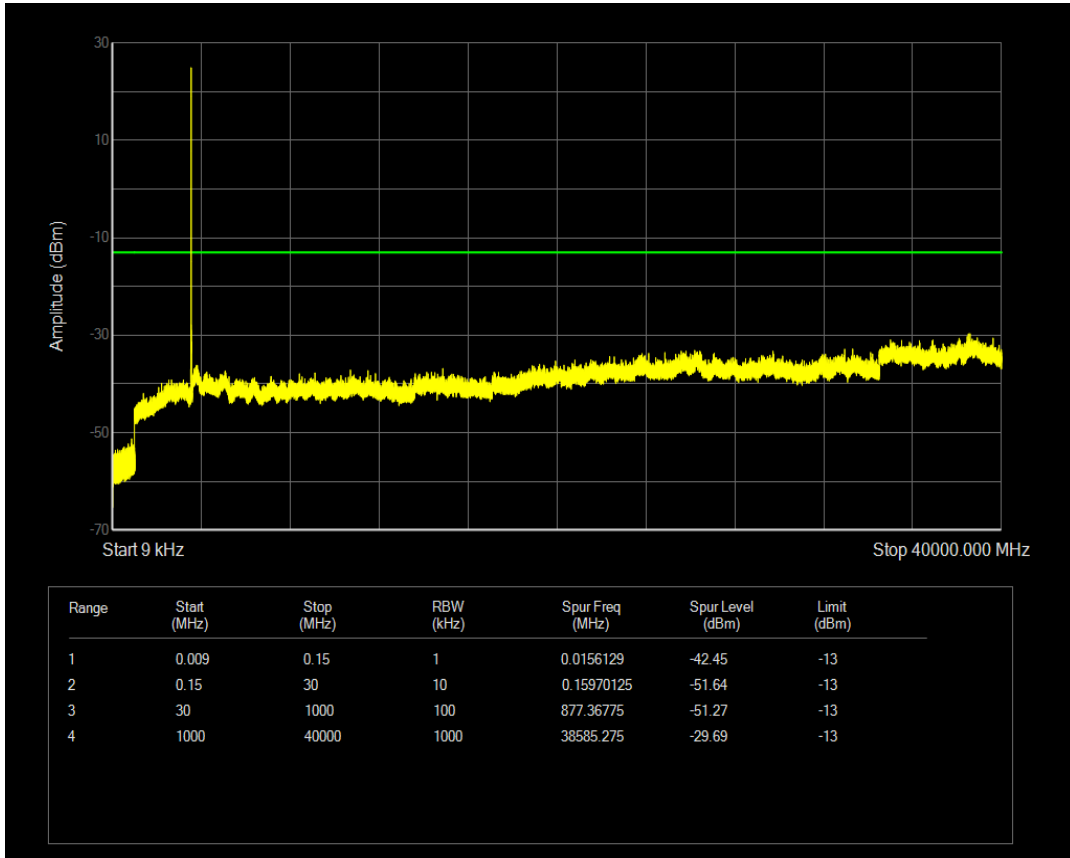


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1 @0

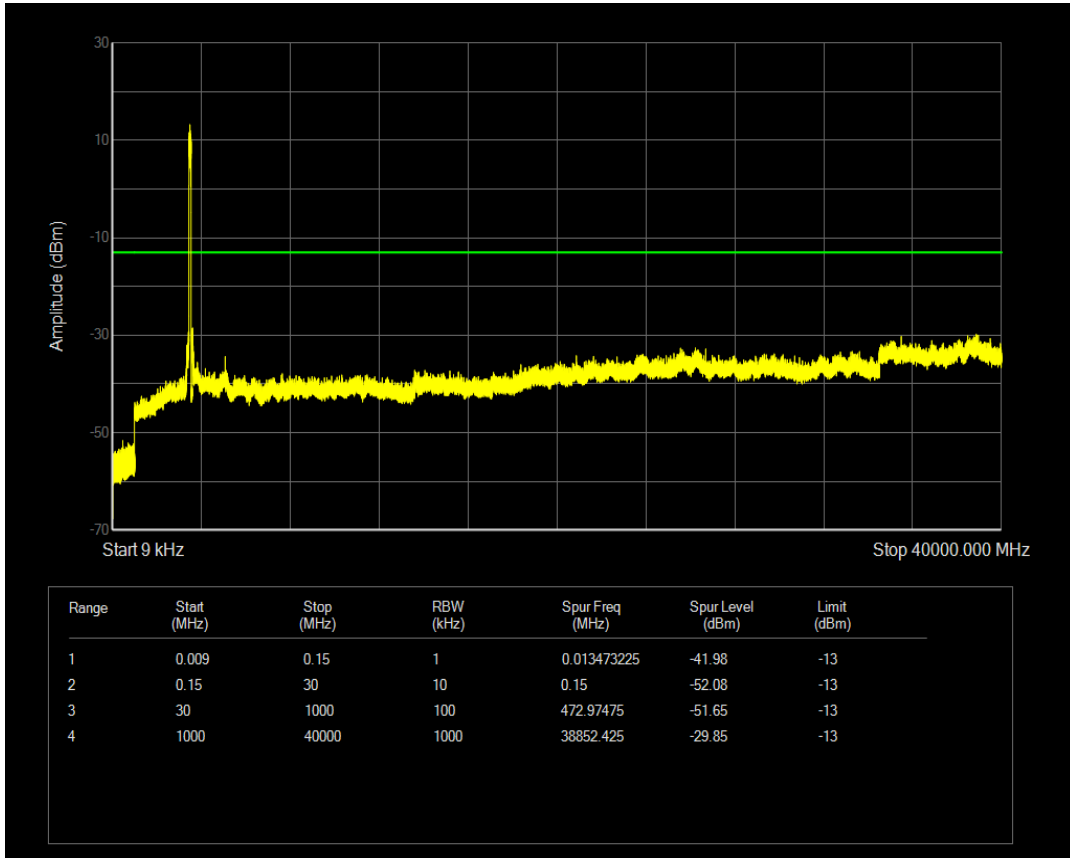


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=636332 RB=1@23

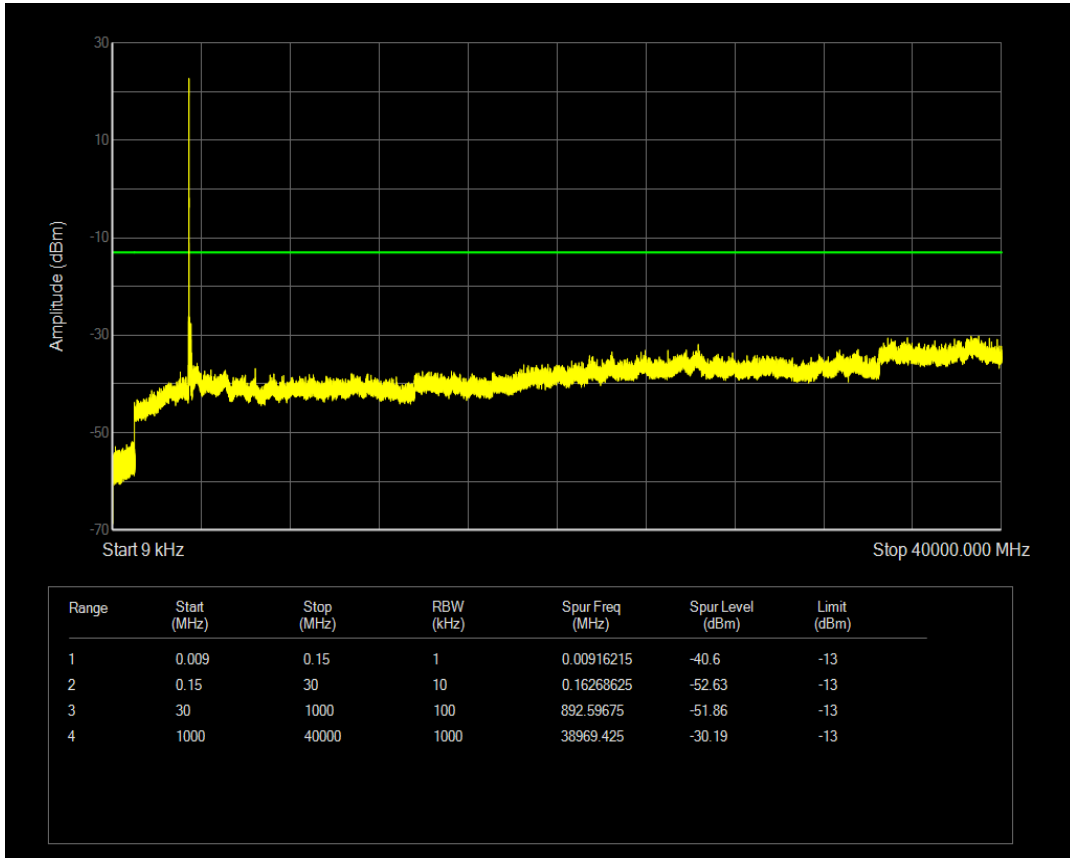




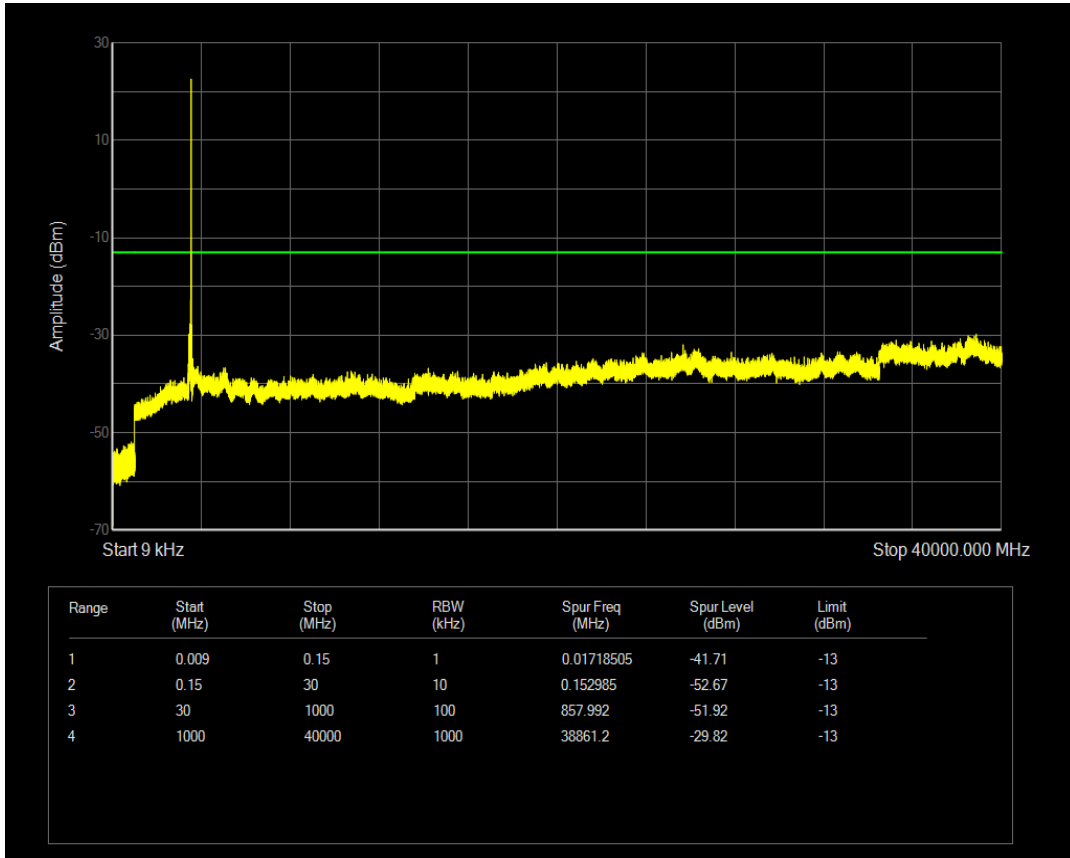
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



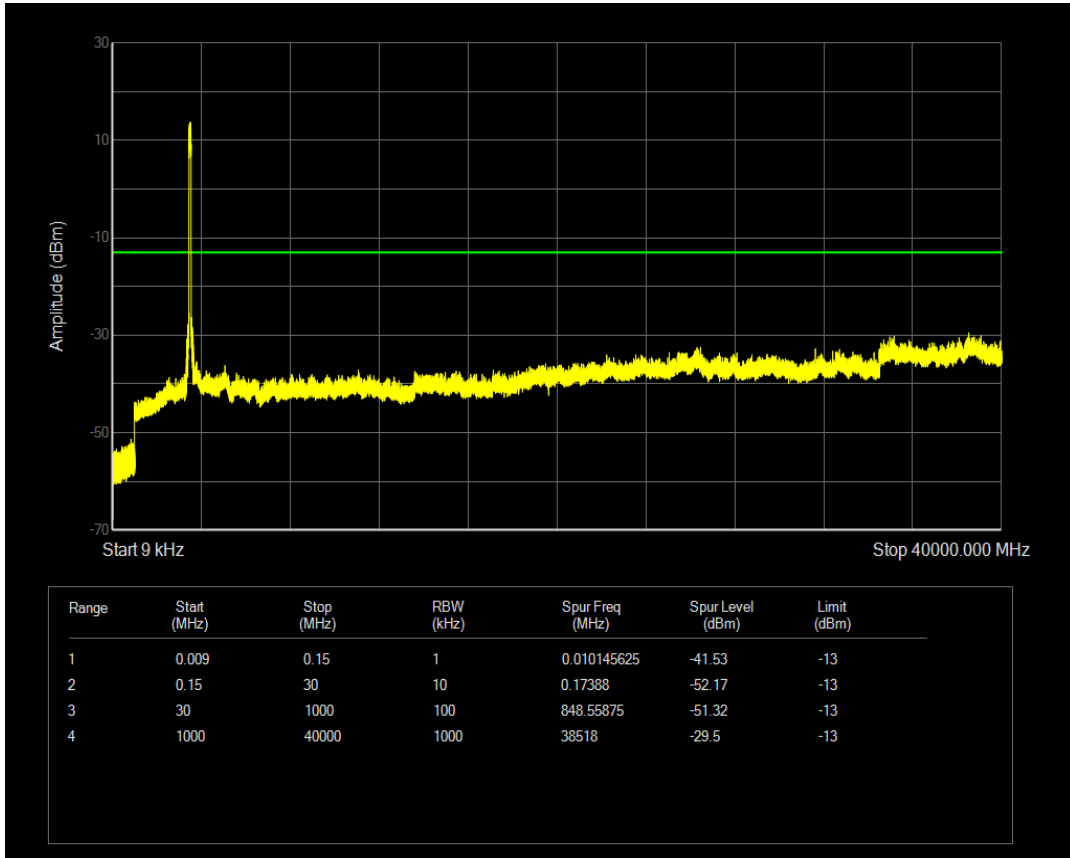
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@0



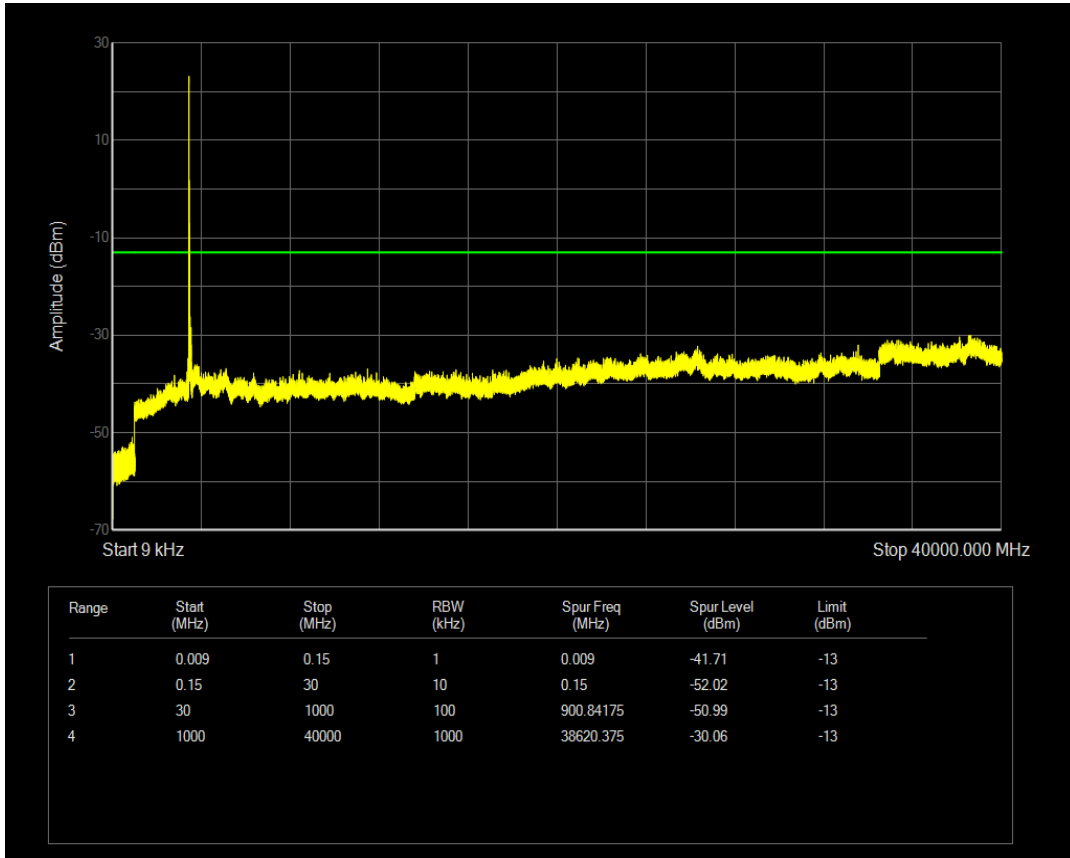
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=1@272



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=270@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=1@0



n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633332 RB=1@272

