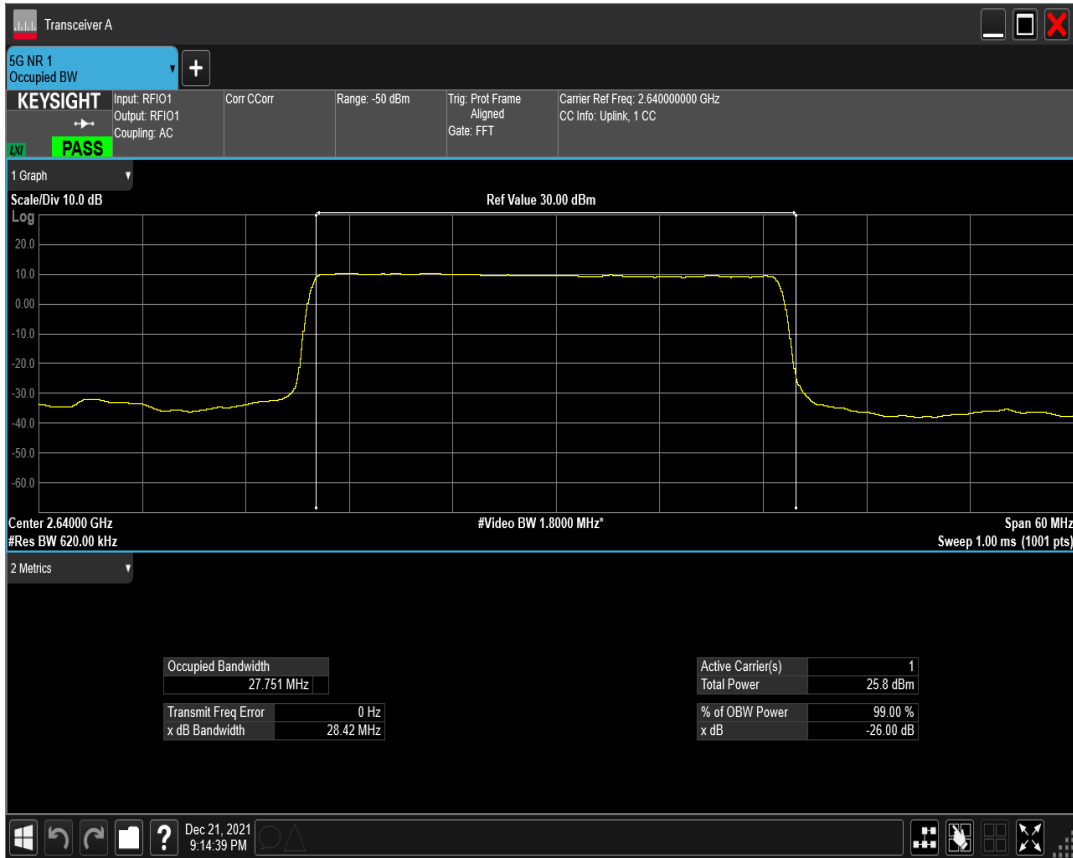


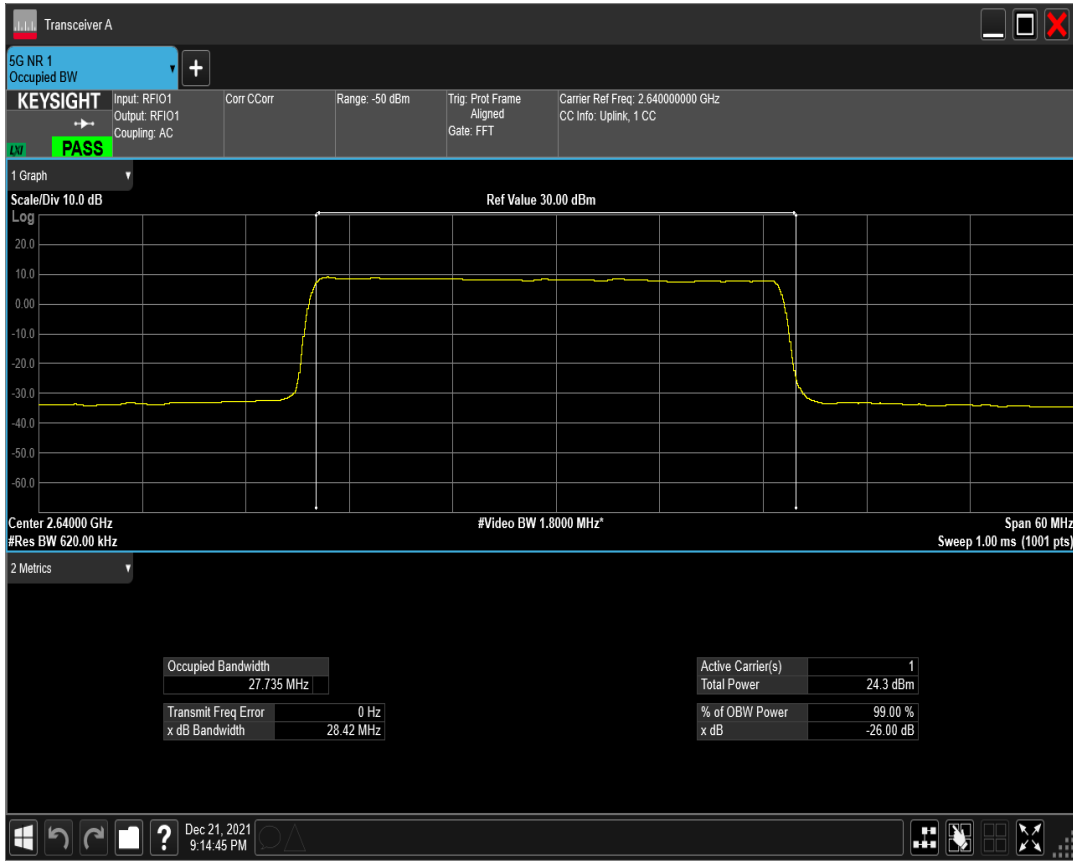
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=528000 RB=75@0



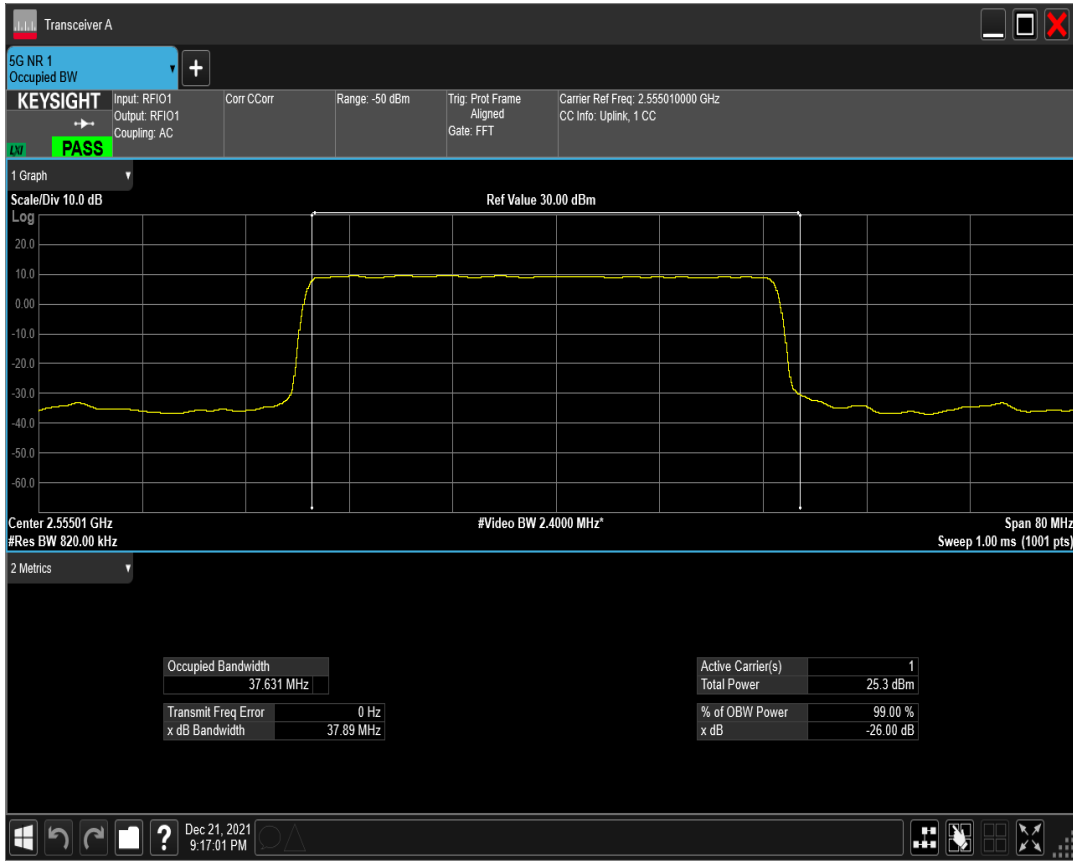
n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=528000 RB=75@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=30MHz Channel=528000 RB=78@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=40MHz Channel=511002 RB=100@0





n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=511002 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=511002 RB=100@0



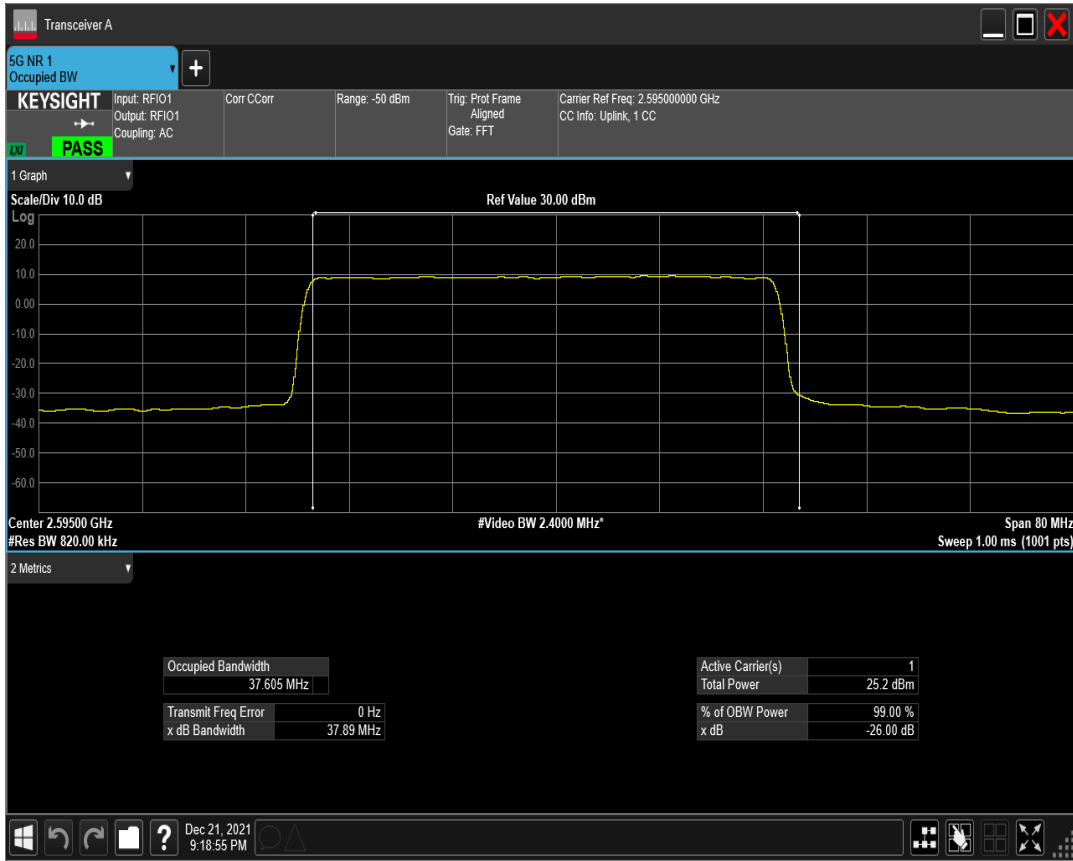
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n41(2535-2655) SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0

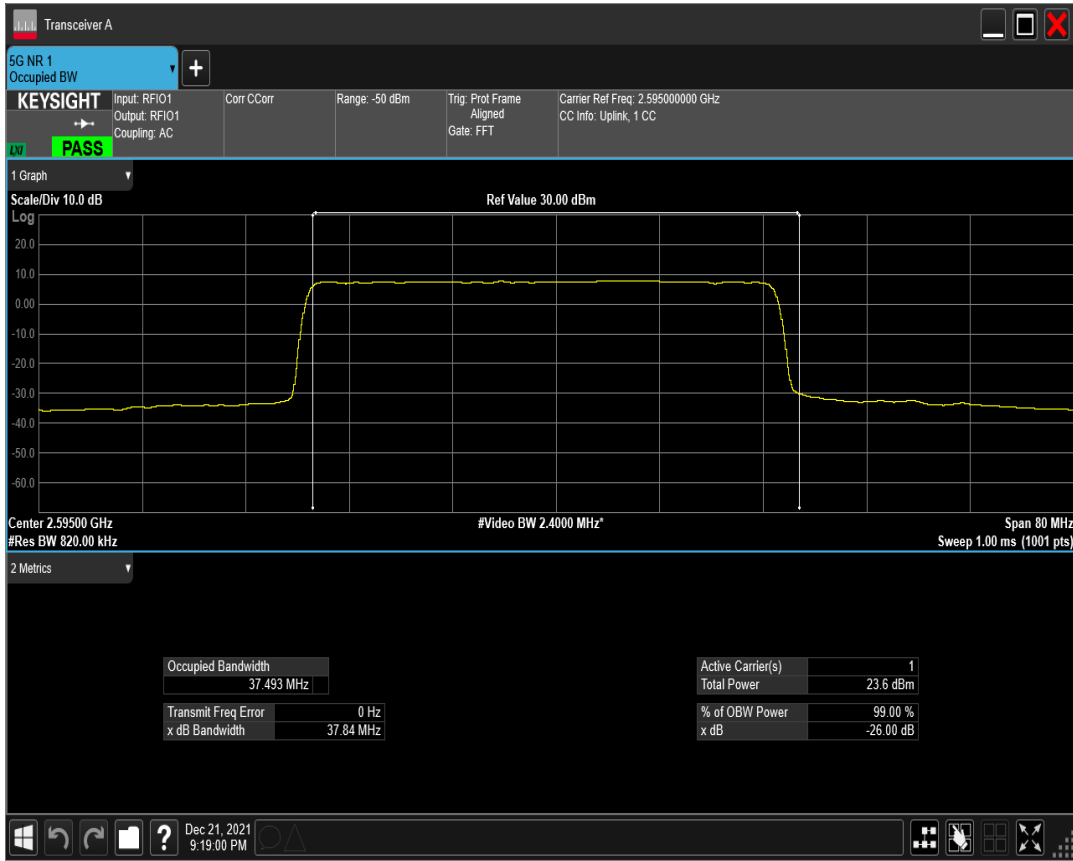


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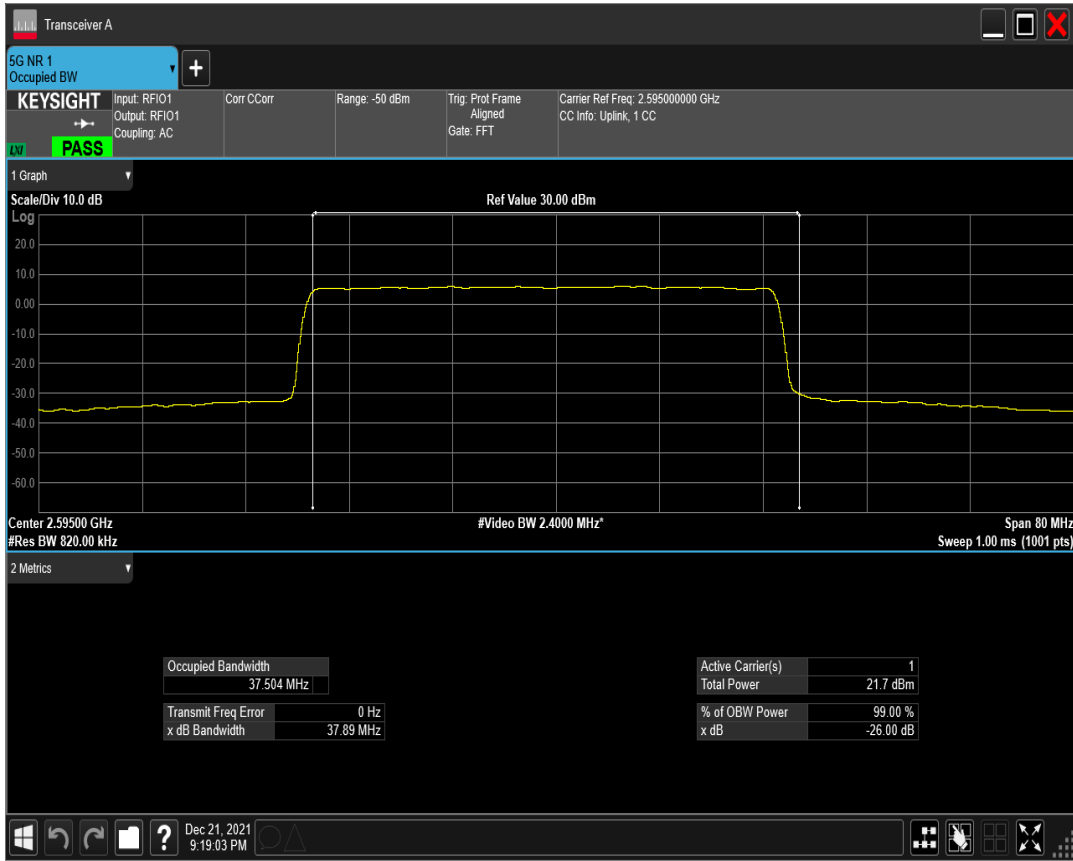


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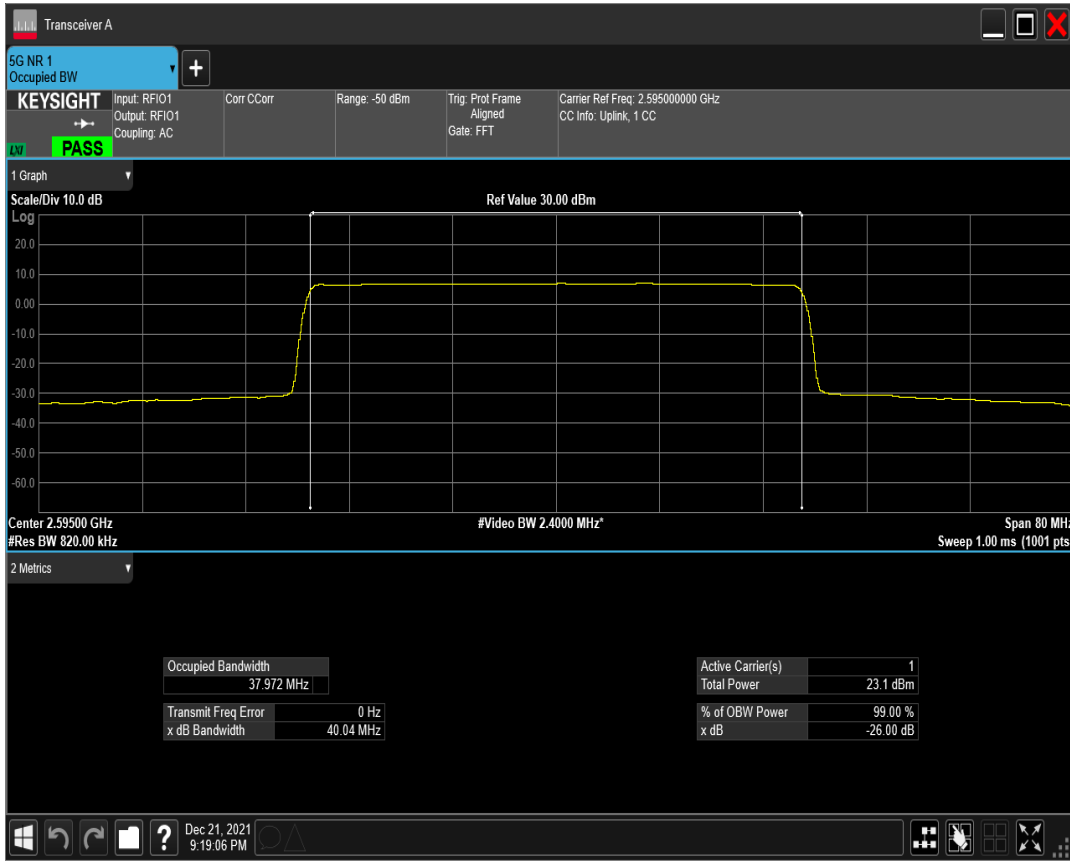




n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=40MHz Channel=519000 RB=106@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=40MHz Channel=526998 RB=100@0



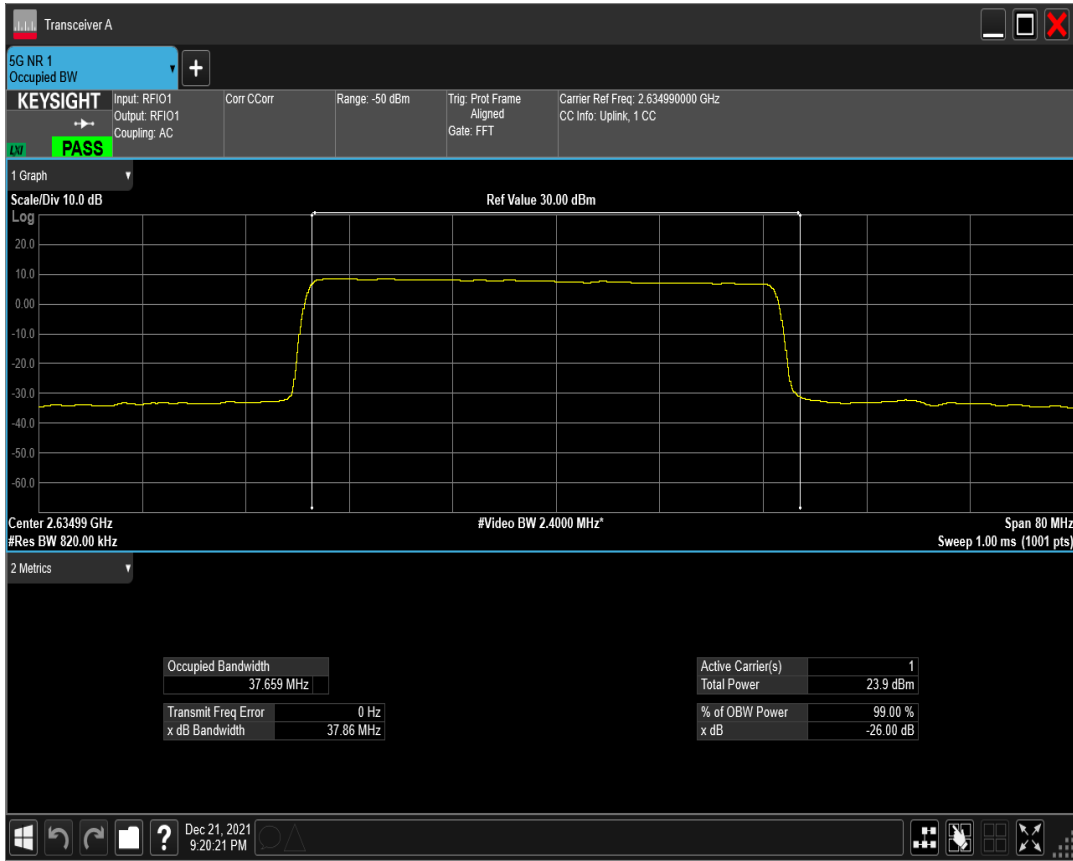
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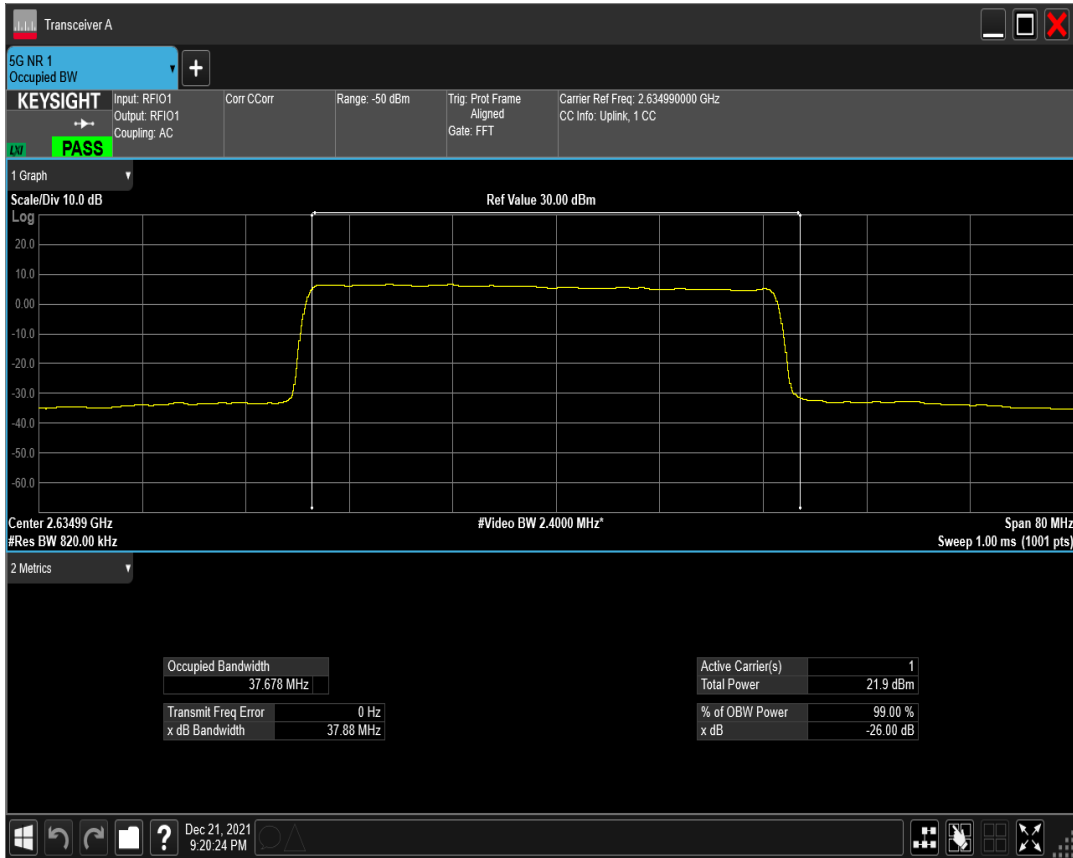
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n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=526998 RB=100@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=526998 RB=100@0

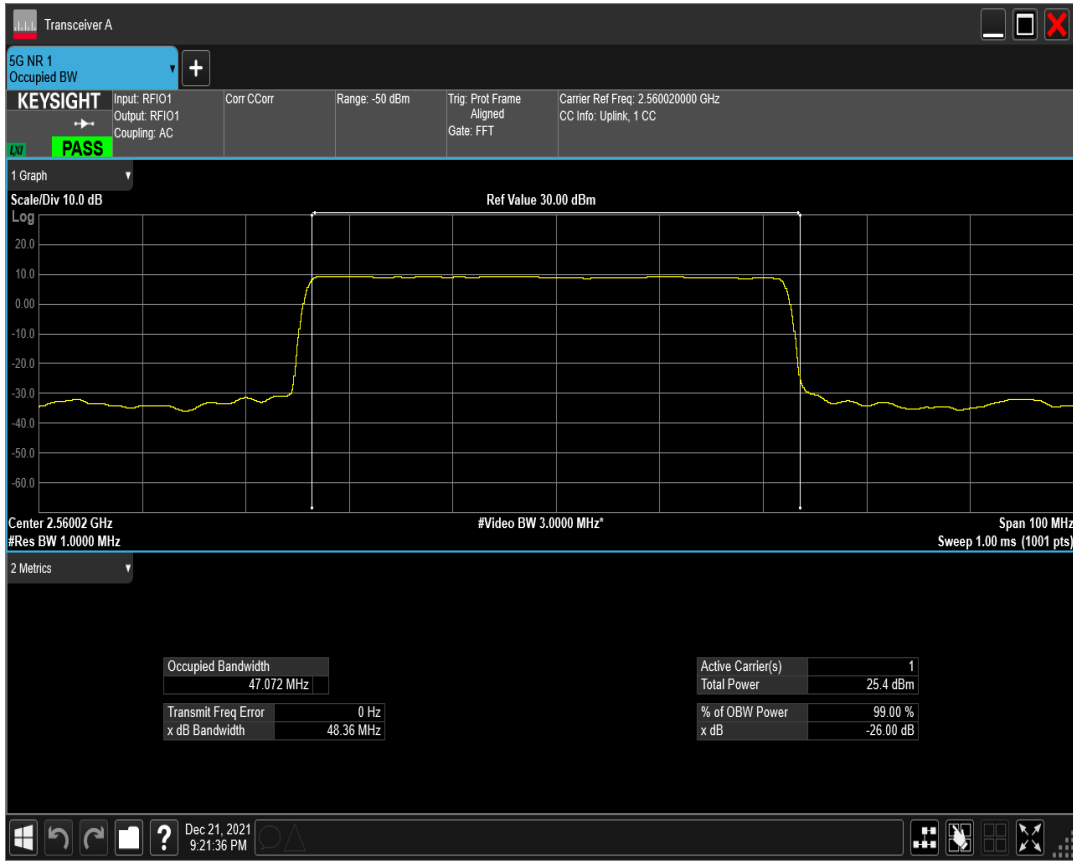


n41(2535-2655) SCS=30kHz CP\_QPSK BW=40MHz Channel=526998 RB=106@0





n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=512004 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=512004 RB=128@0



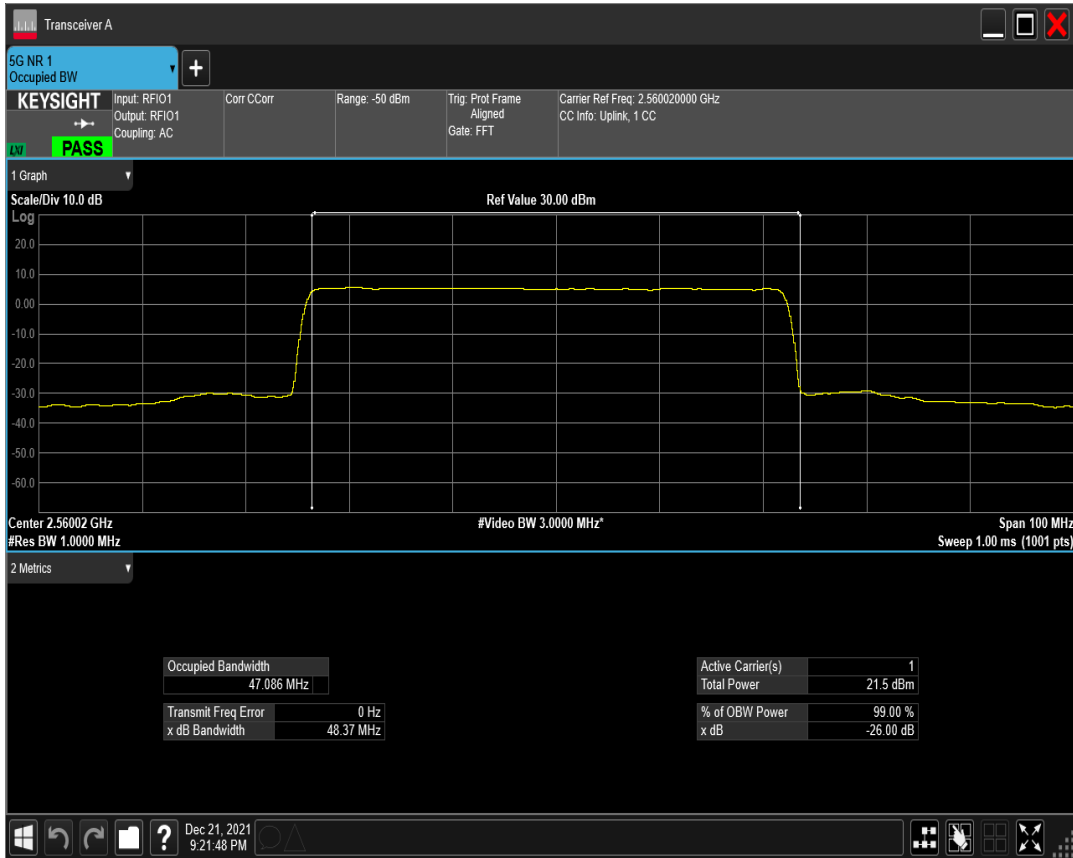
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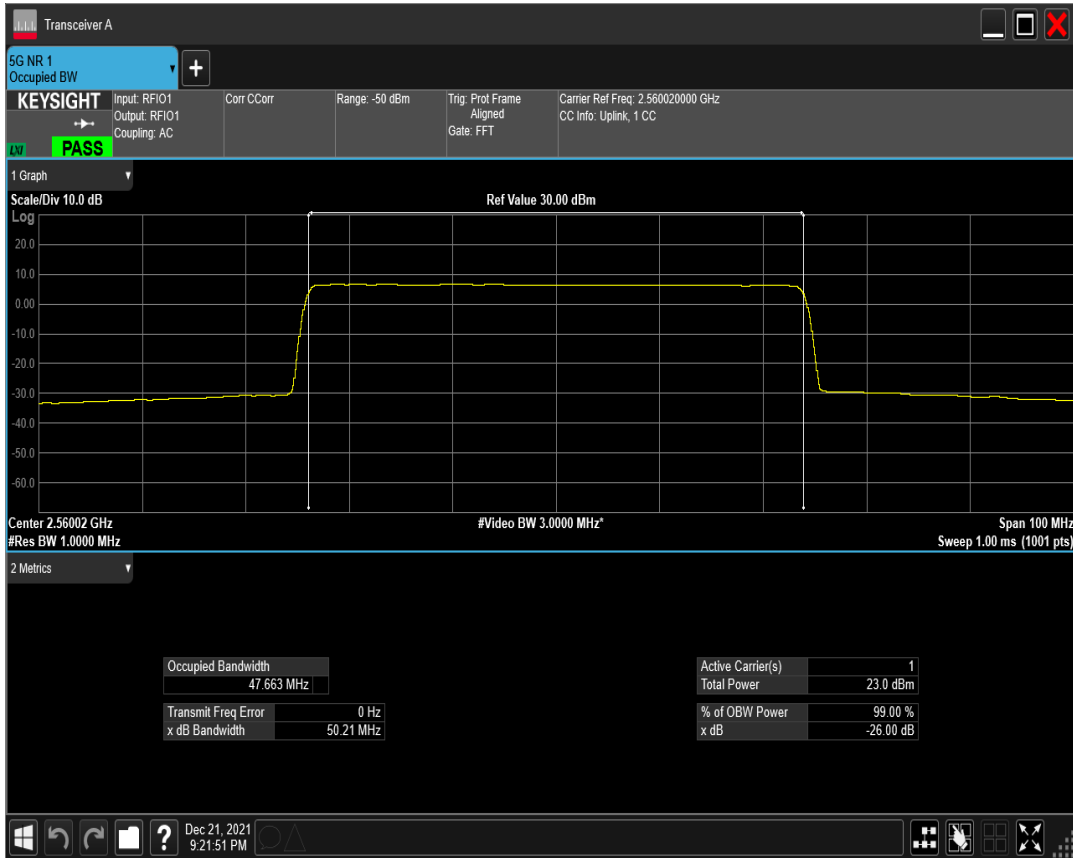
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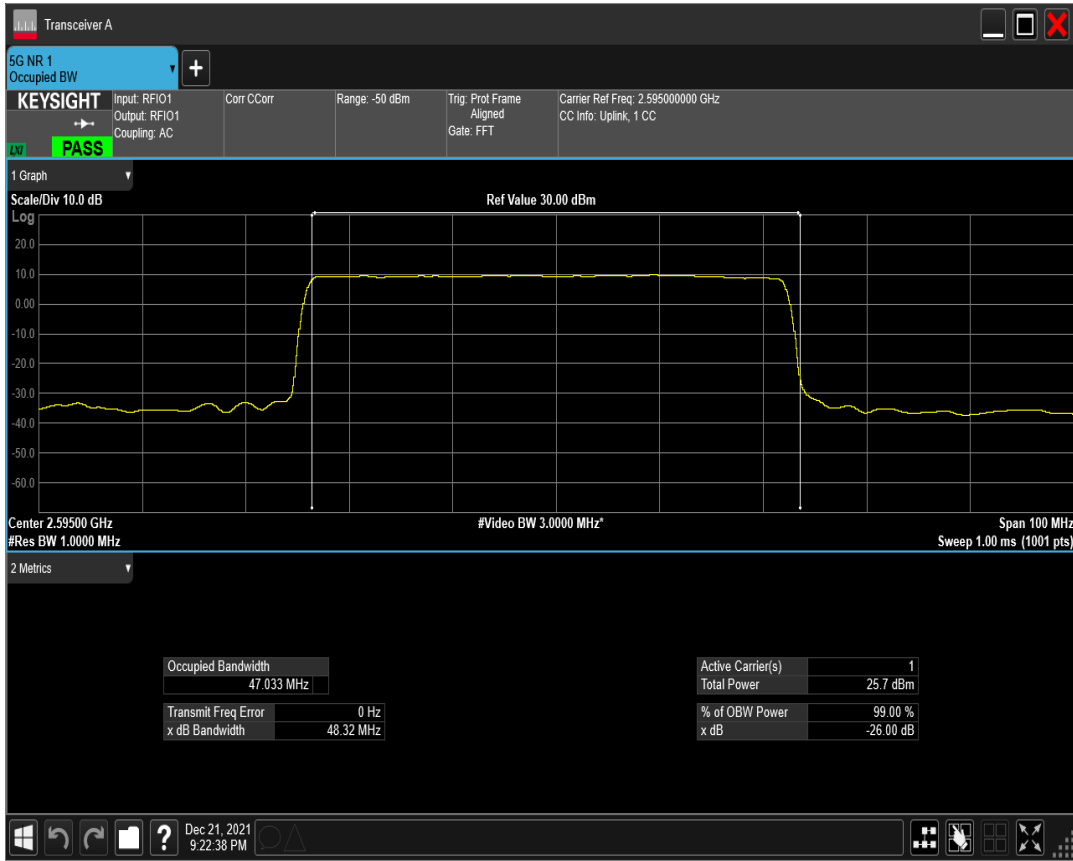
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=50MHz Channel=512004 RB=133@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=519000 RB=128@0

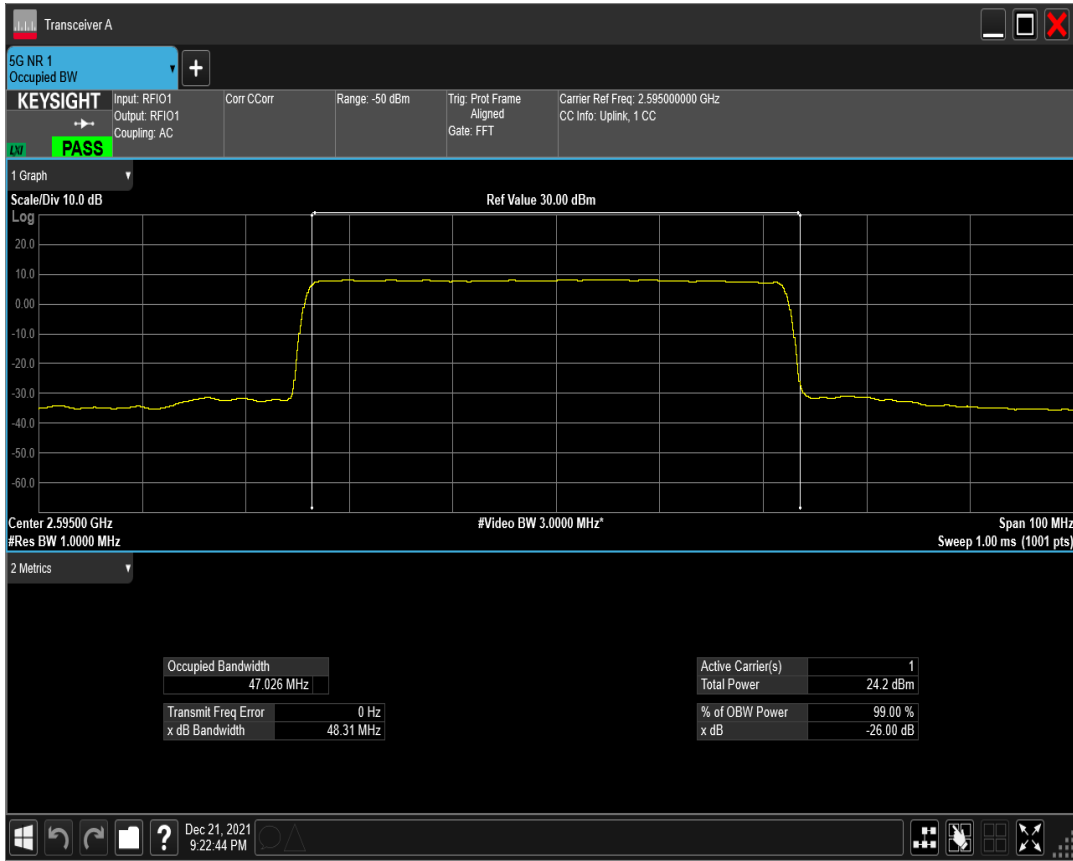


n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=519000 RB=128@0

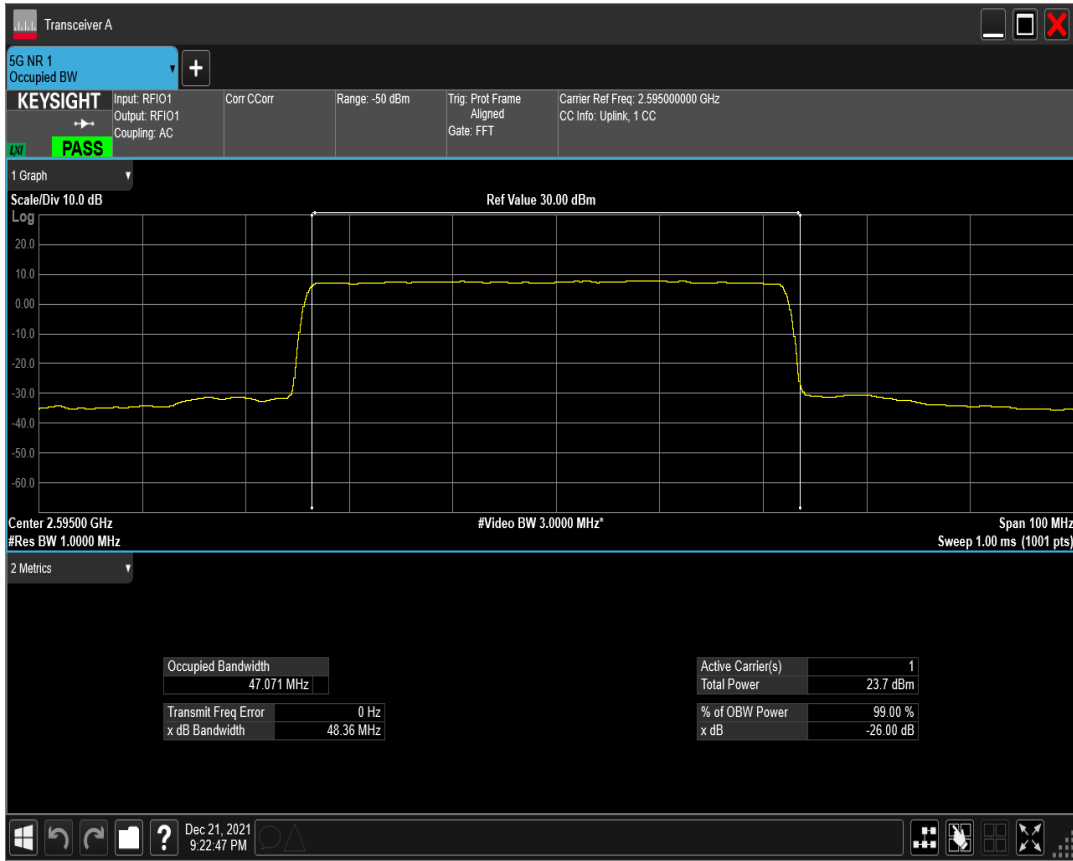




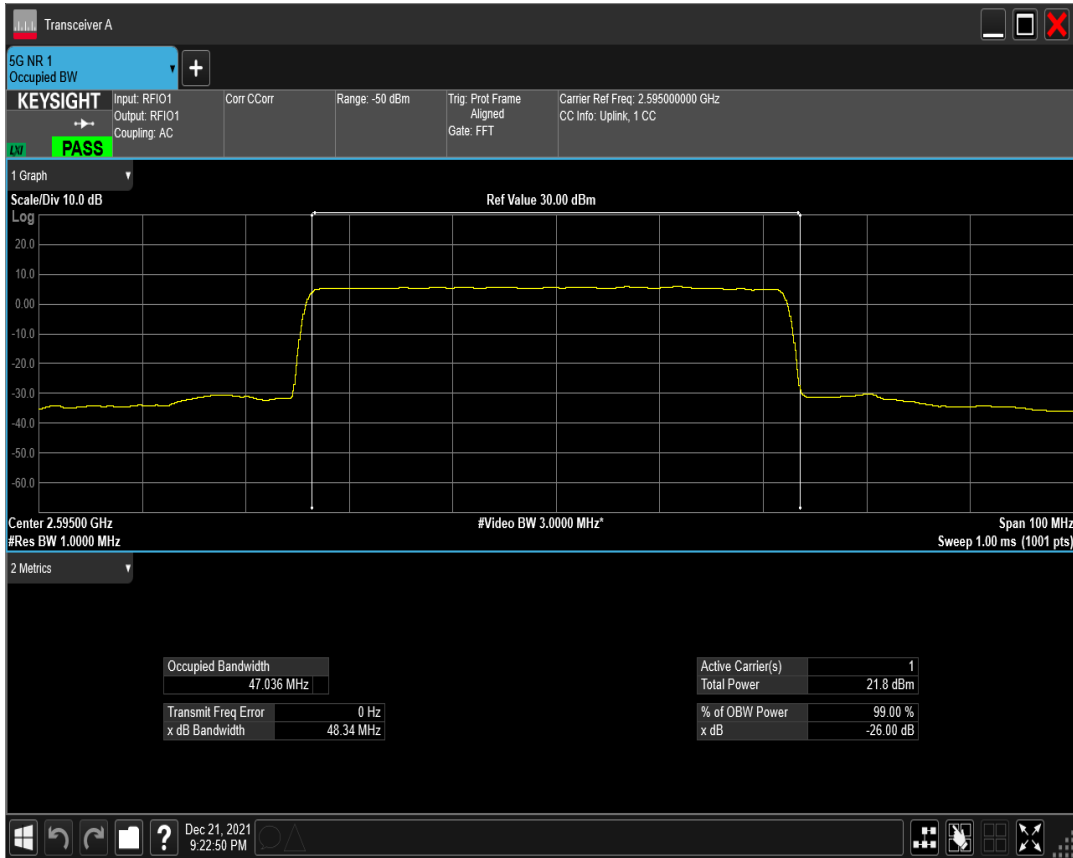
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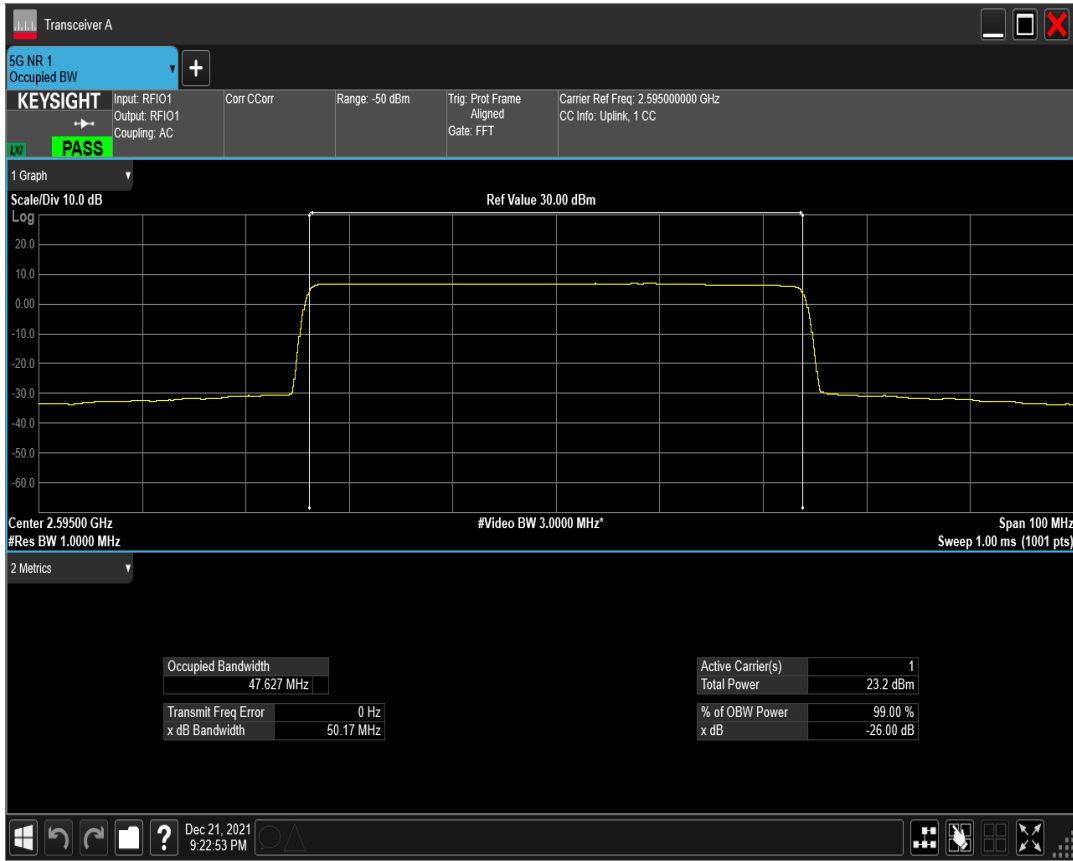
n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=519000 RB=128@0



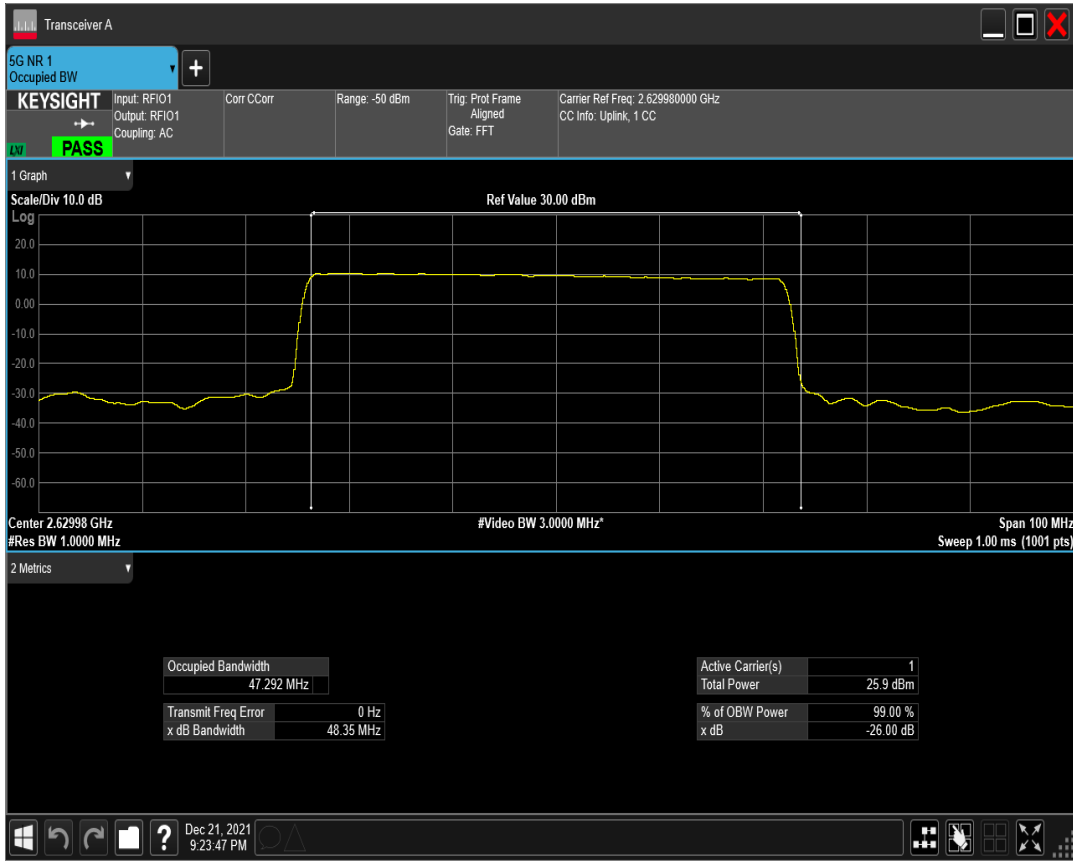
n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=519000 RB=128@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=50MHz Channel=519000 RB=133@0



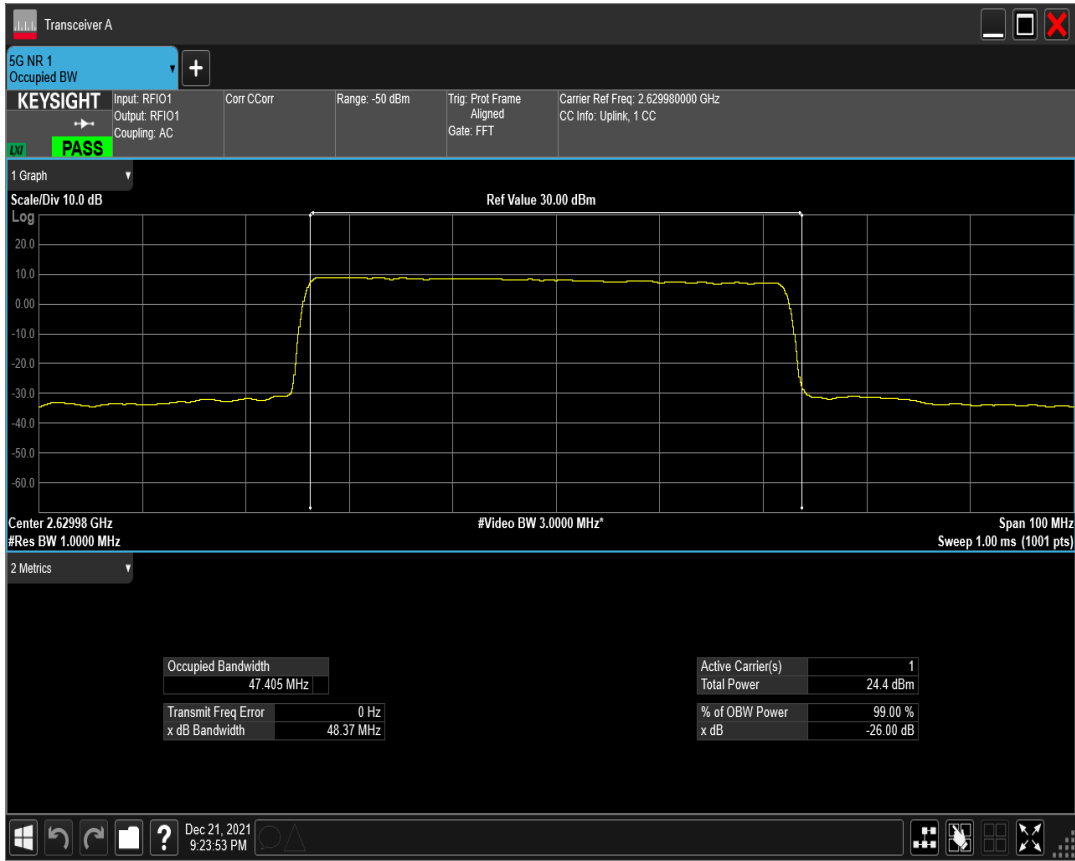
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=525996 RB=128@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=525996 RB=128@0





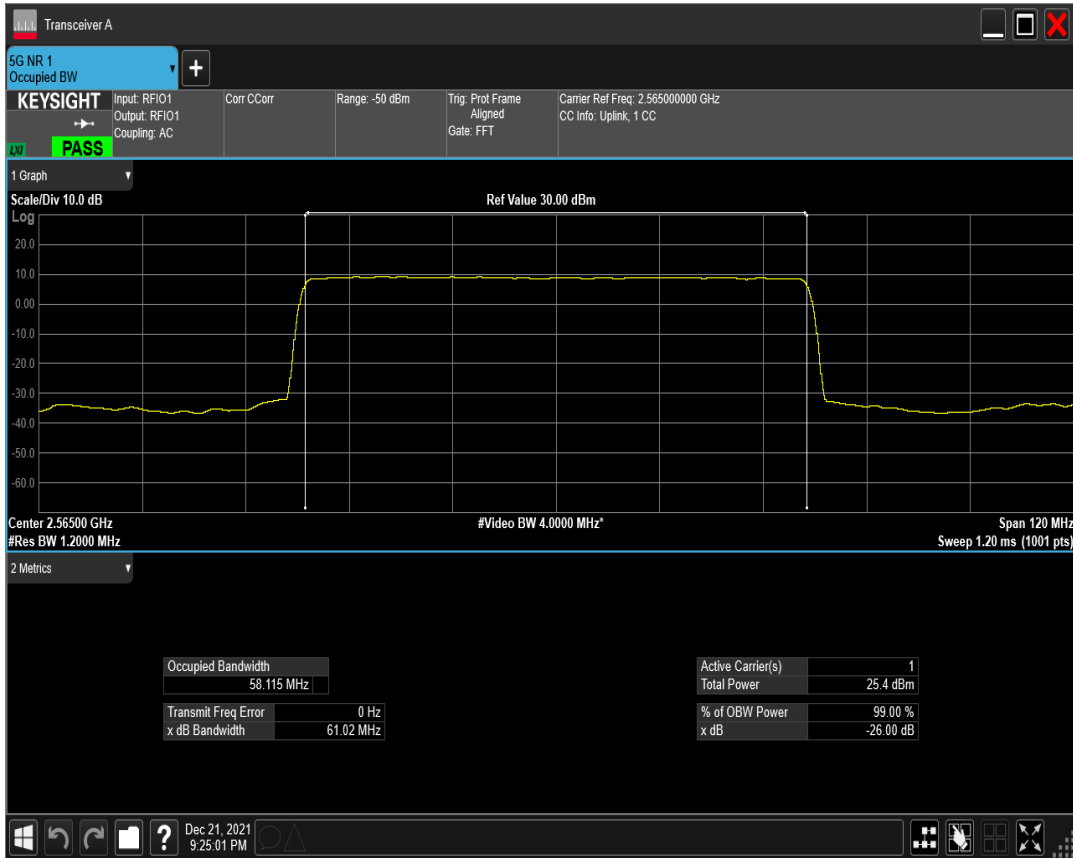
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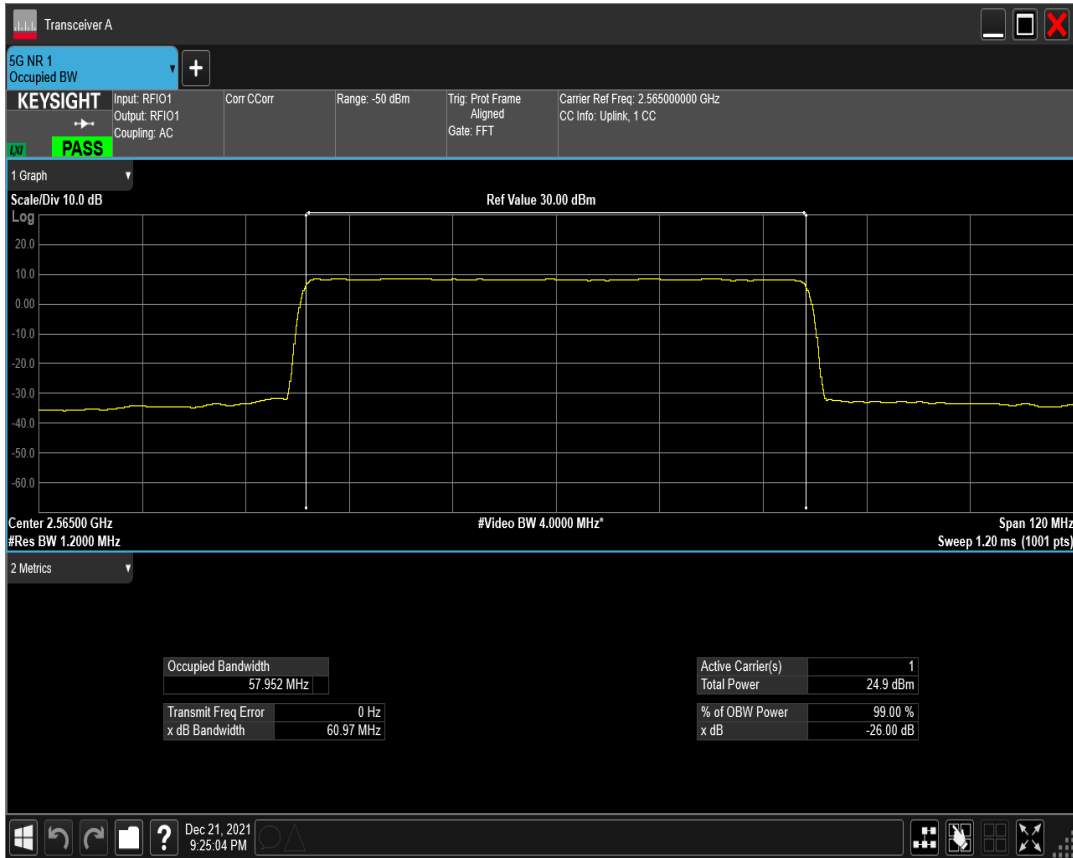
n41(2535-2655) SCS=30kHz CP\_QPSK BW=50MHz Channel=525996 RB=133@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=60MHz Channel=513000 RB=162@0



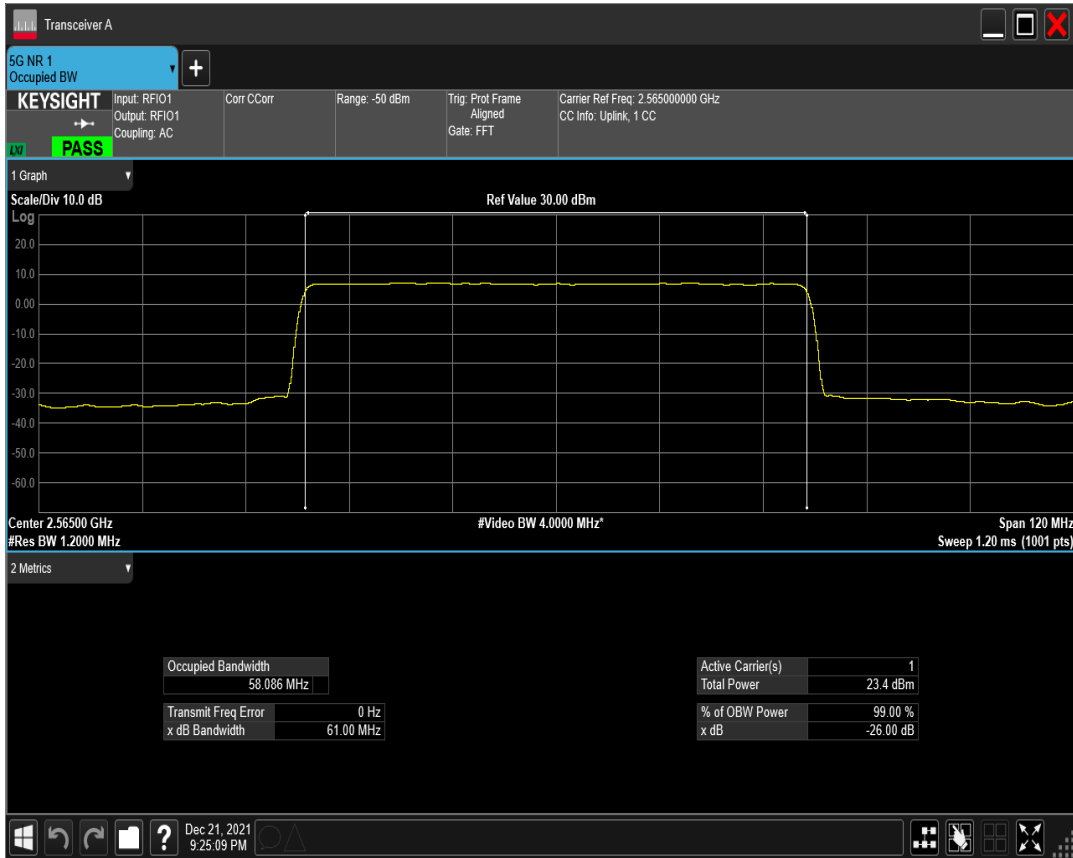
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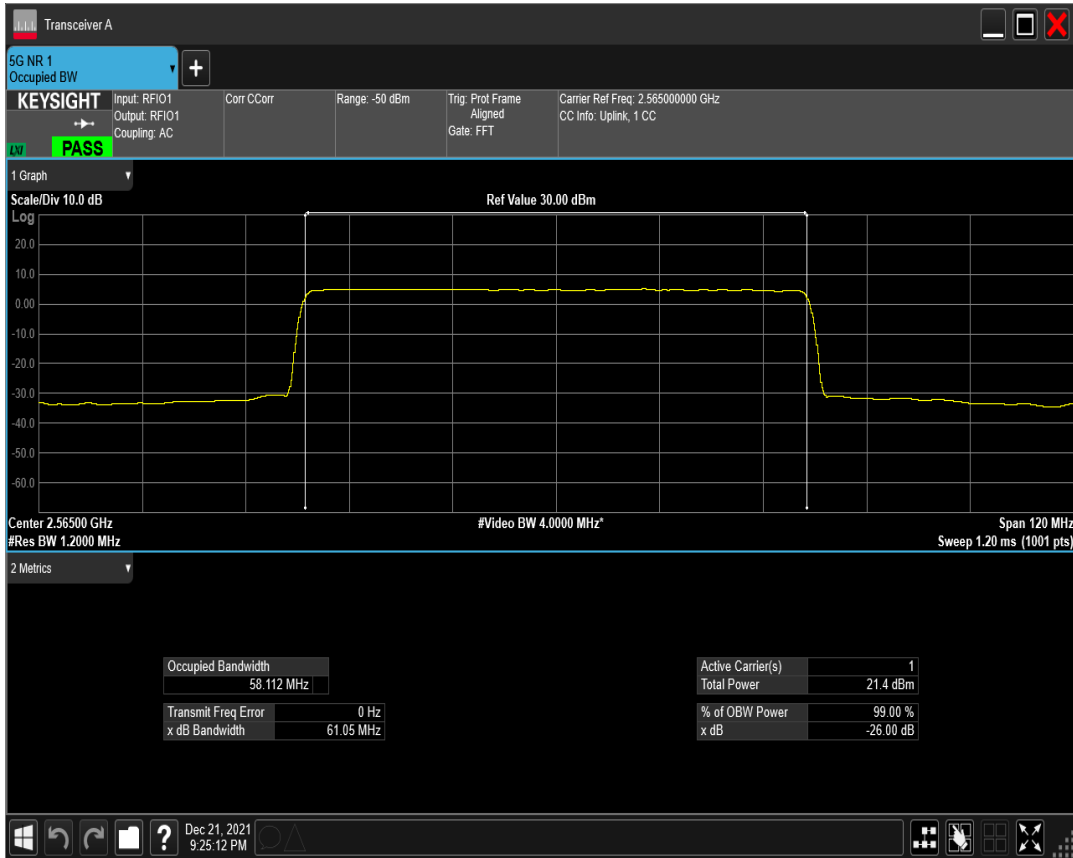
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=513000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=513000 RB=162@0

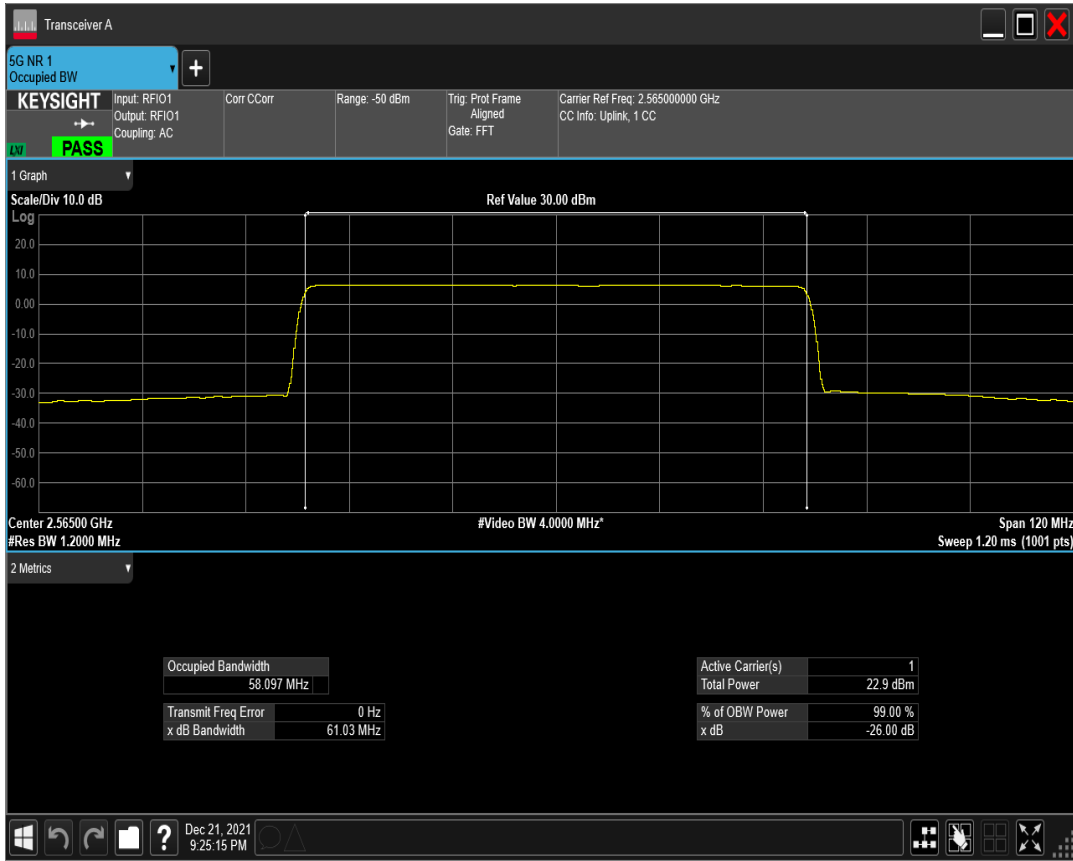


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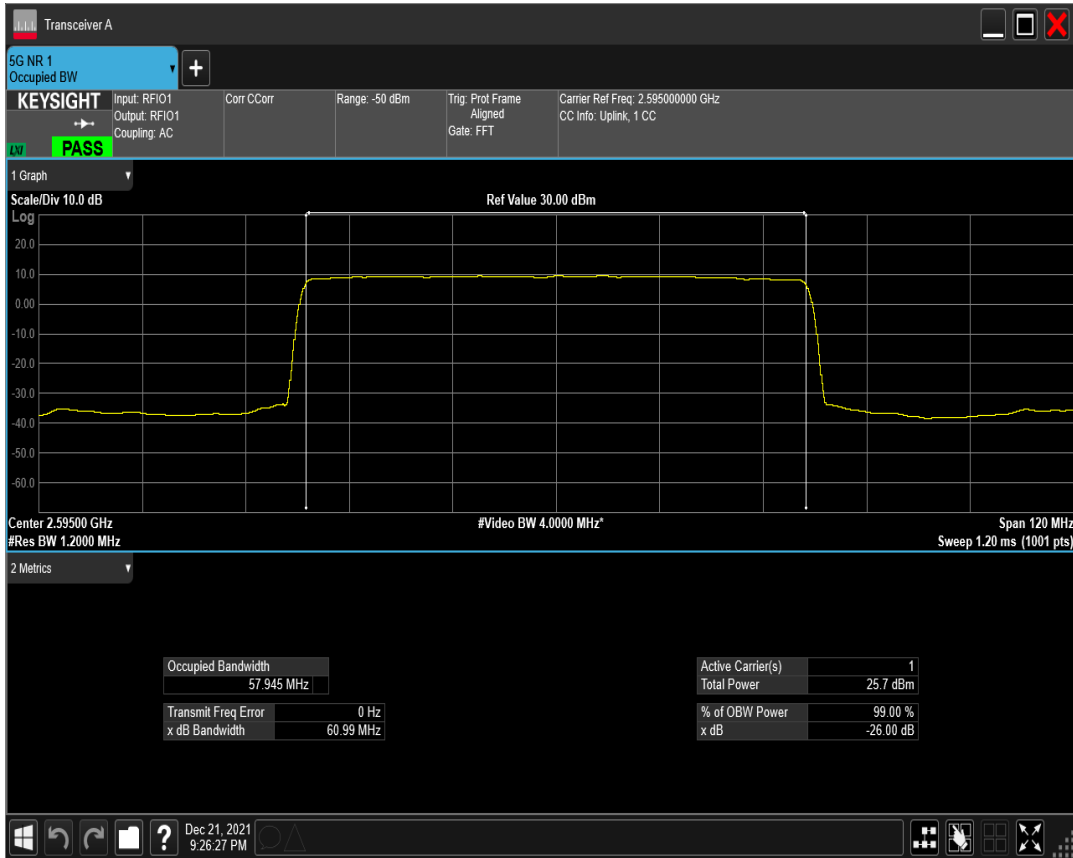


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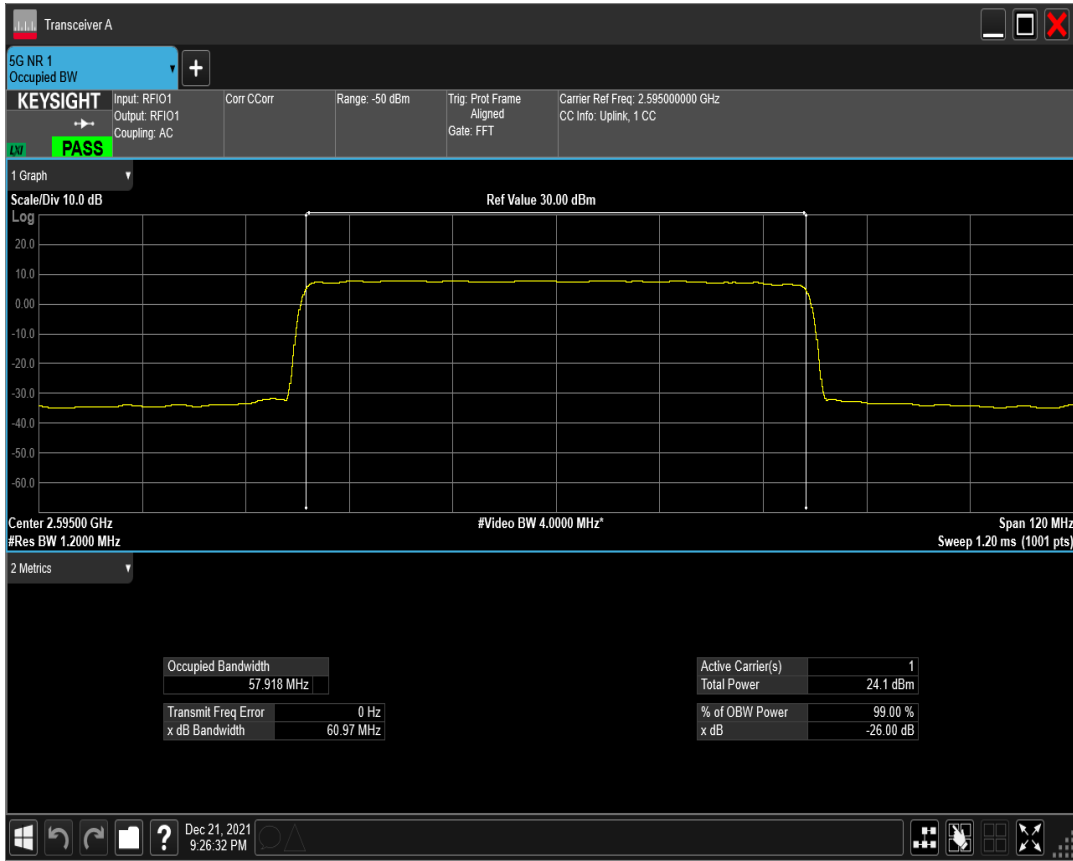
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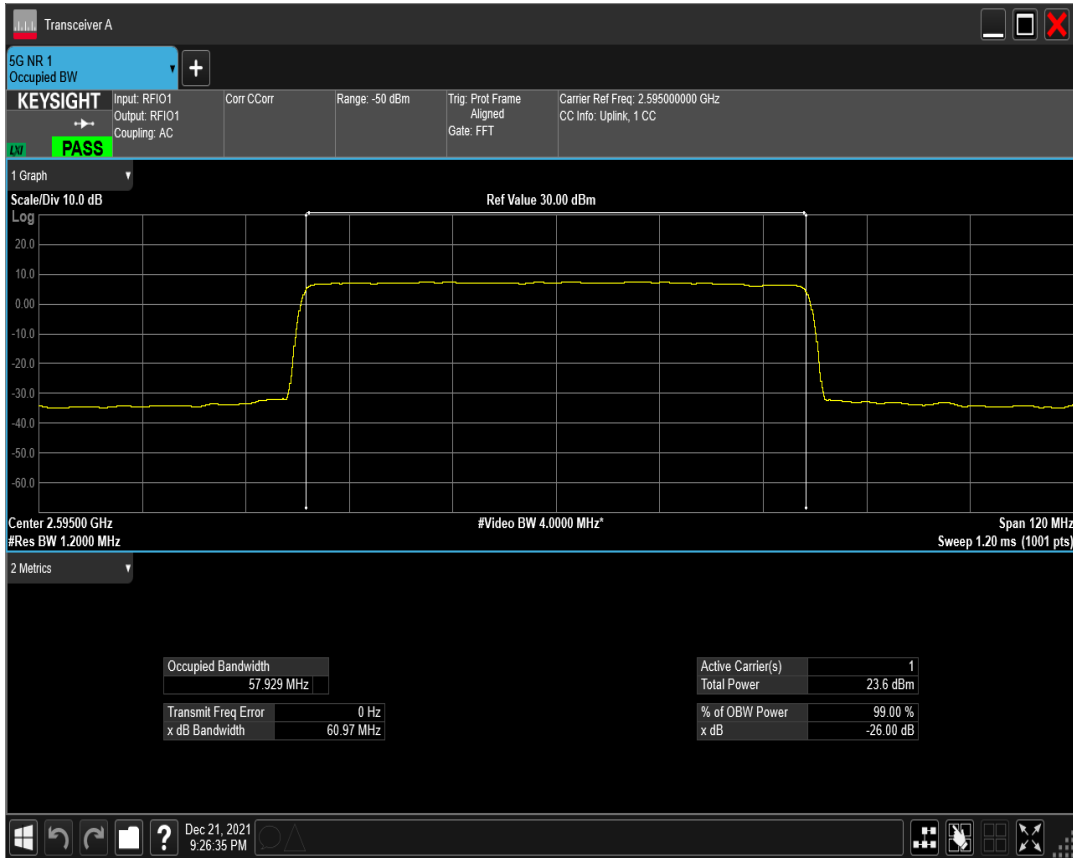
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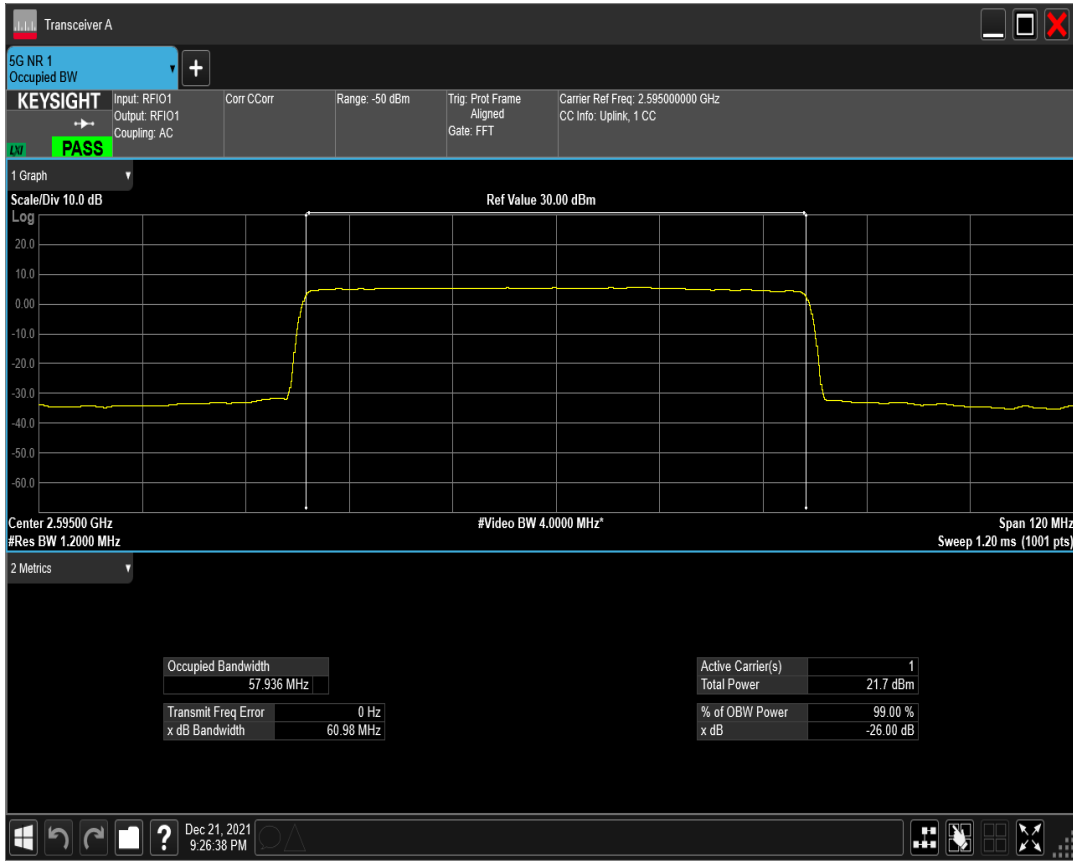
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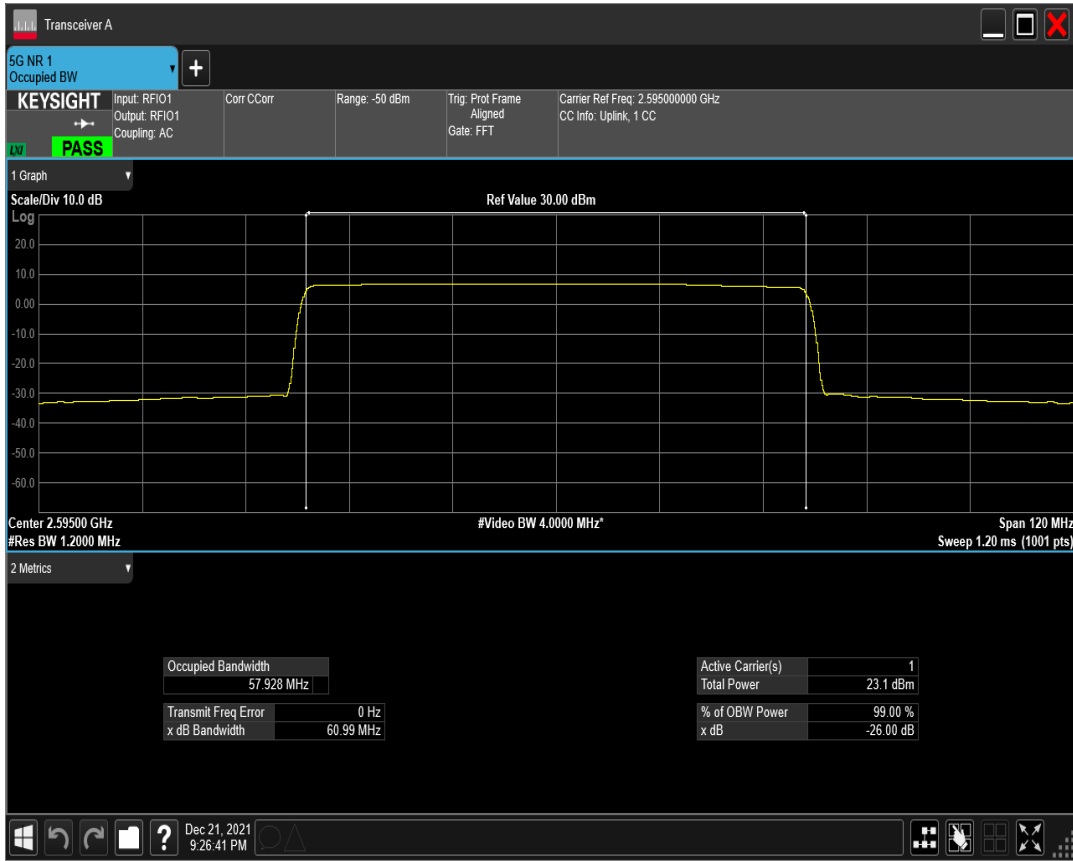
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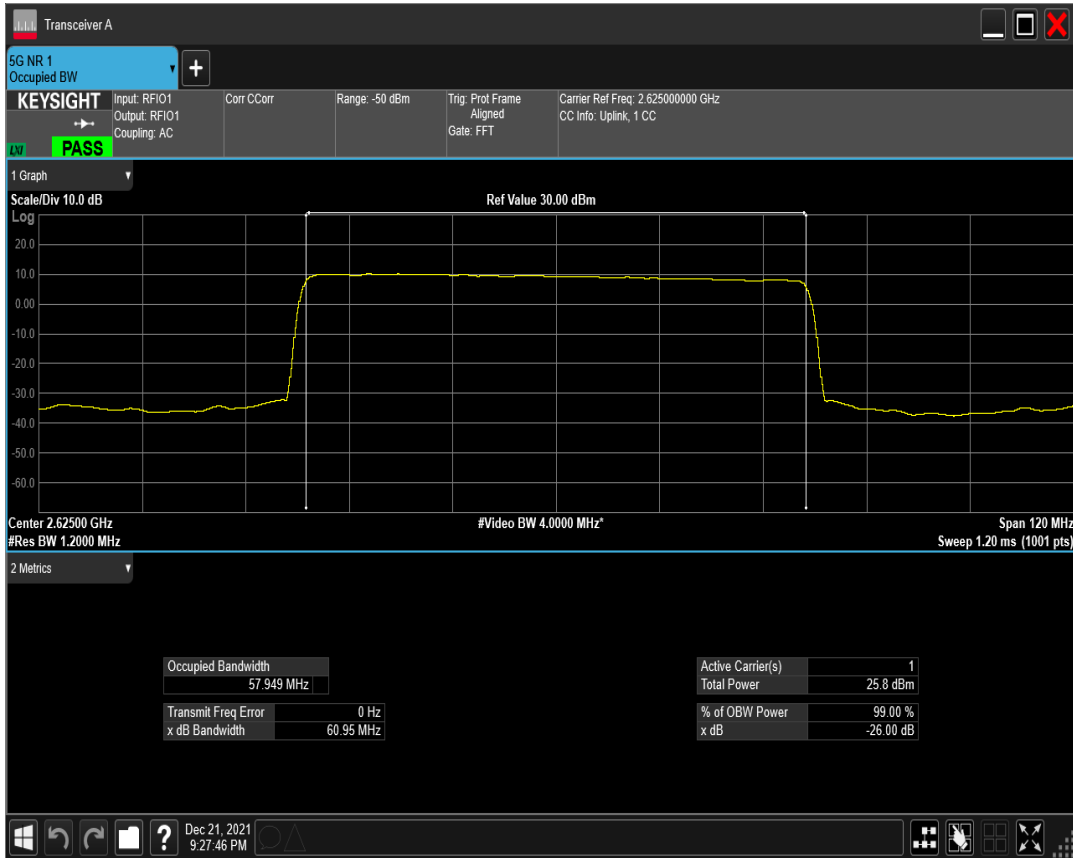
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=60MHz Channel=519000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=60MHz Channel=525000 RB=162@0

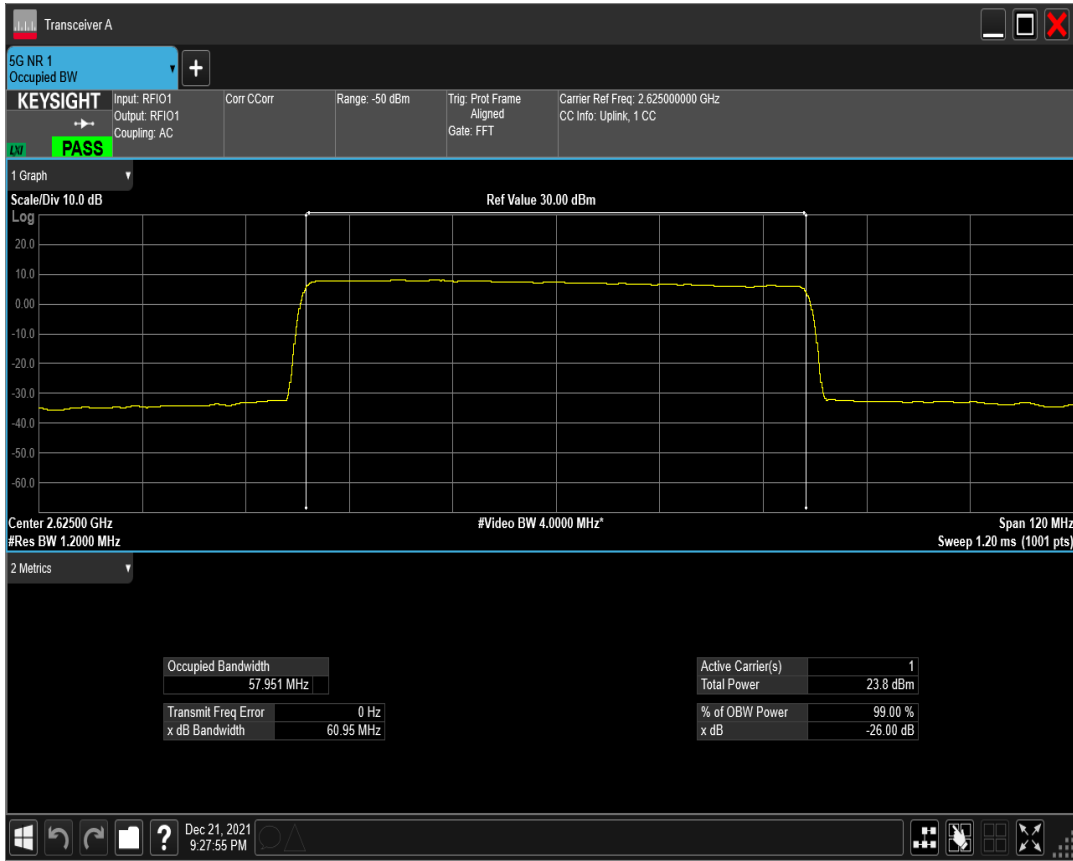




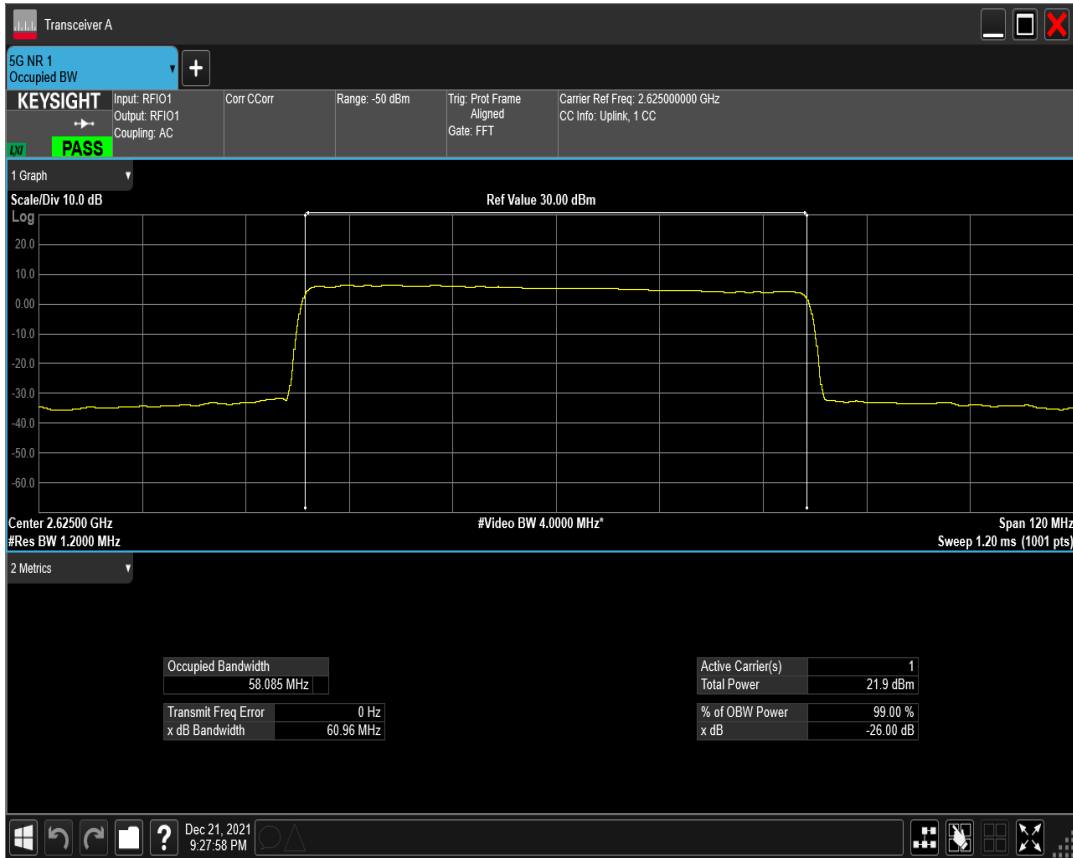
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=60MHz Channel=525000 RB=162@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=80MHz Channel=515004 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=80MHz Channel=515004 RB=216@0



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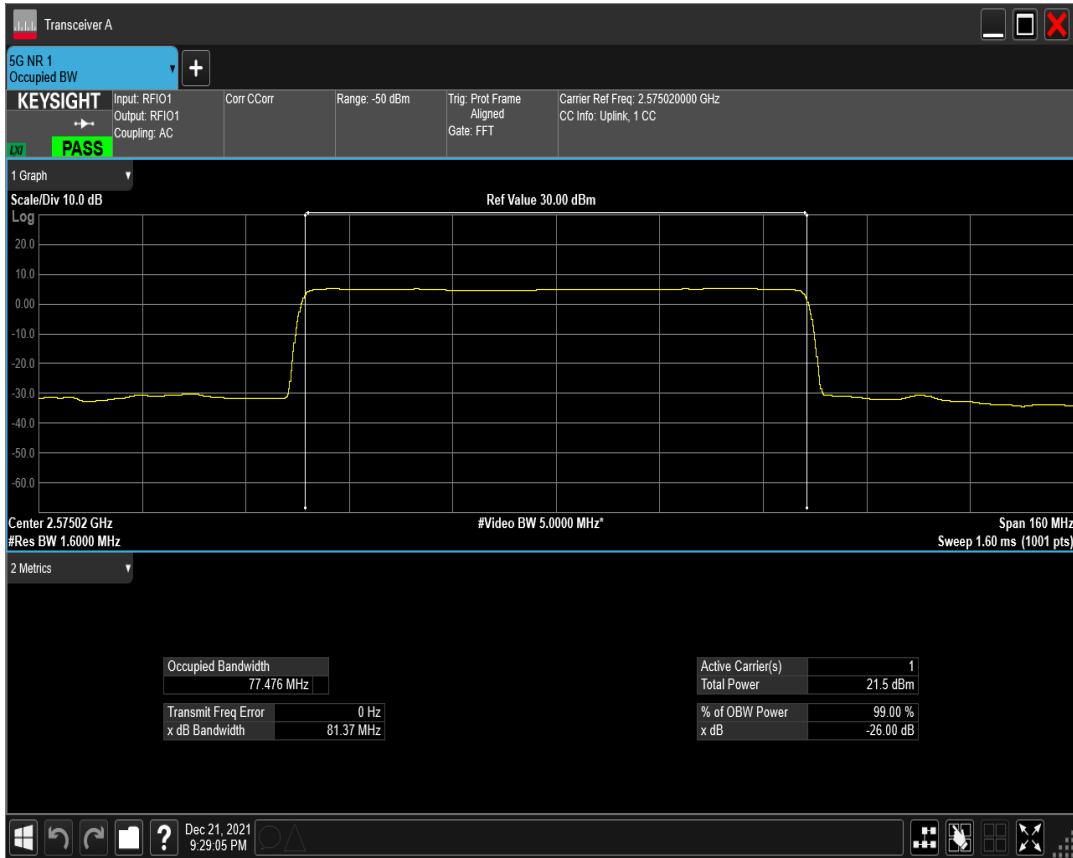


n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=515004 RB=216@0

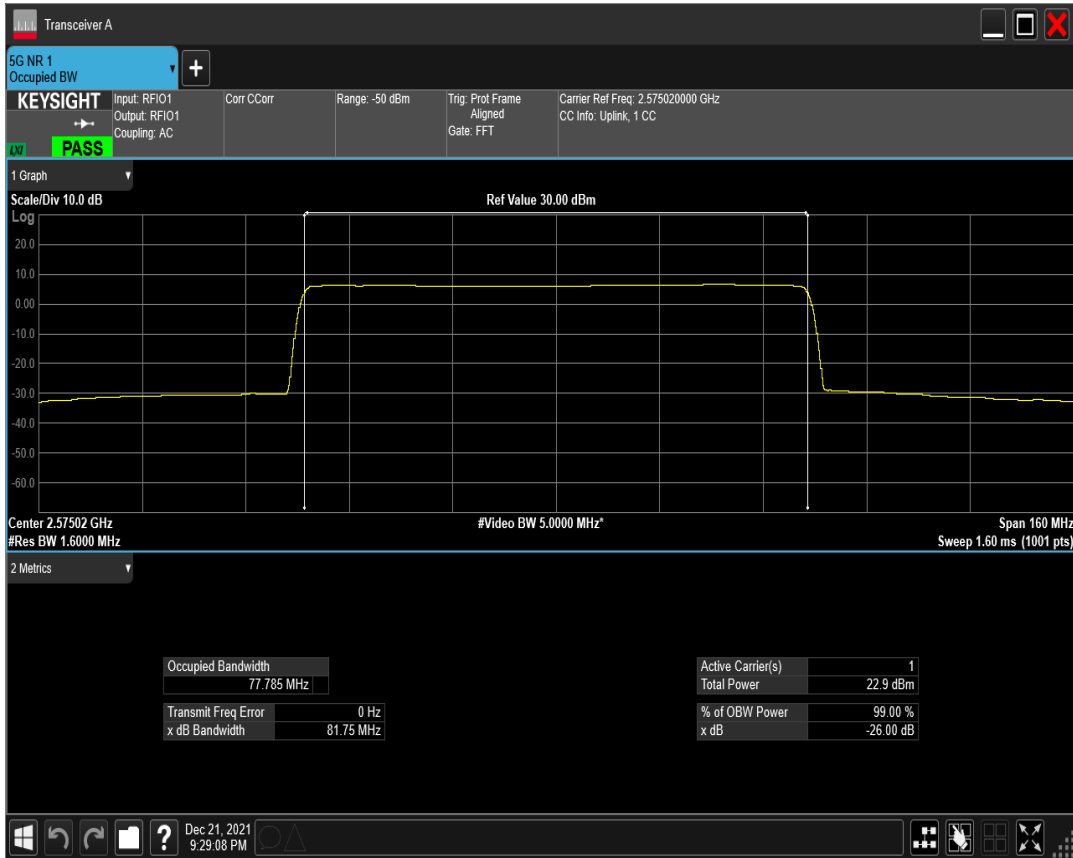




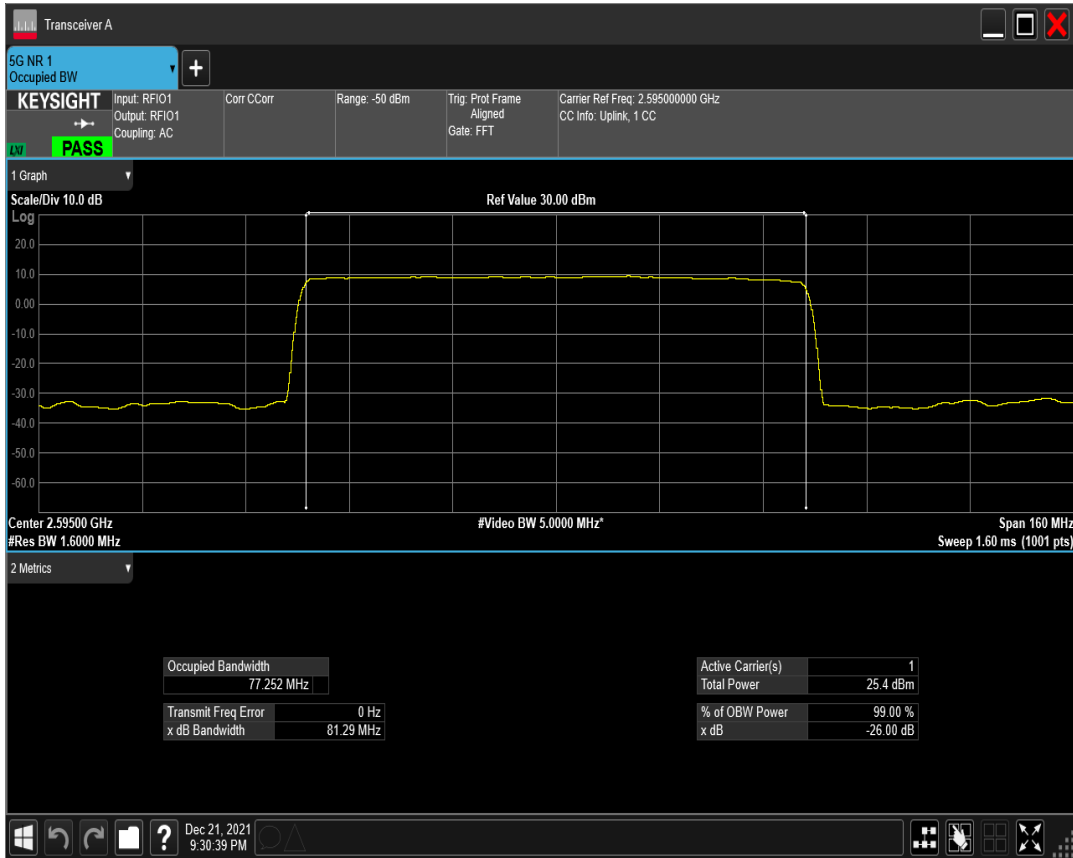
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=80MHz Channel=515004 RB=217@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=519000 RB=216@0

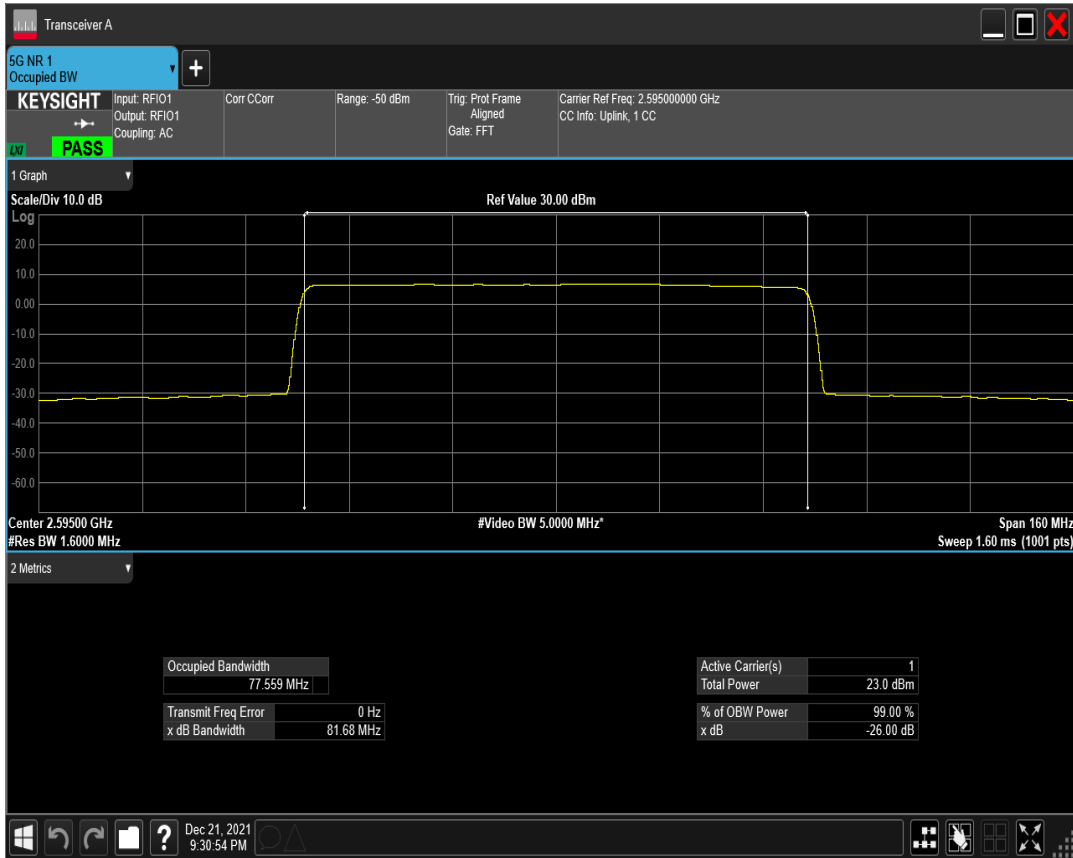


n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=80MHz Channel=519000 RB=217@0

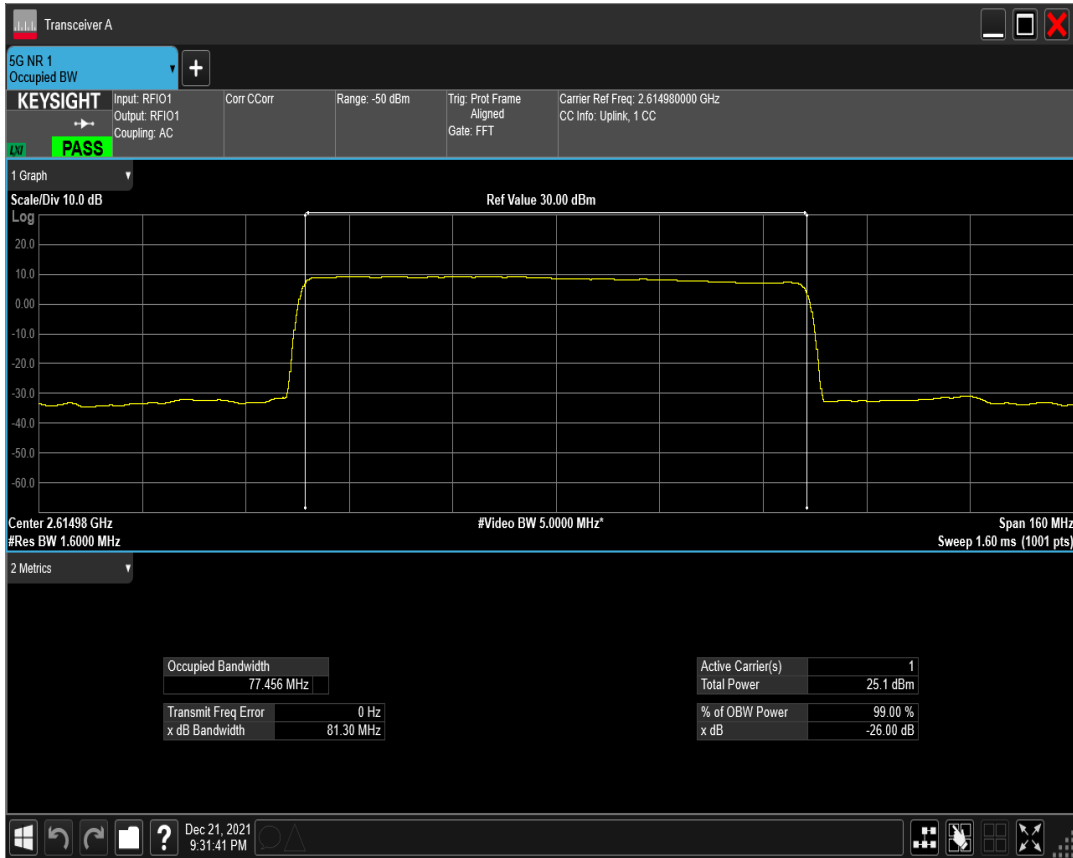




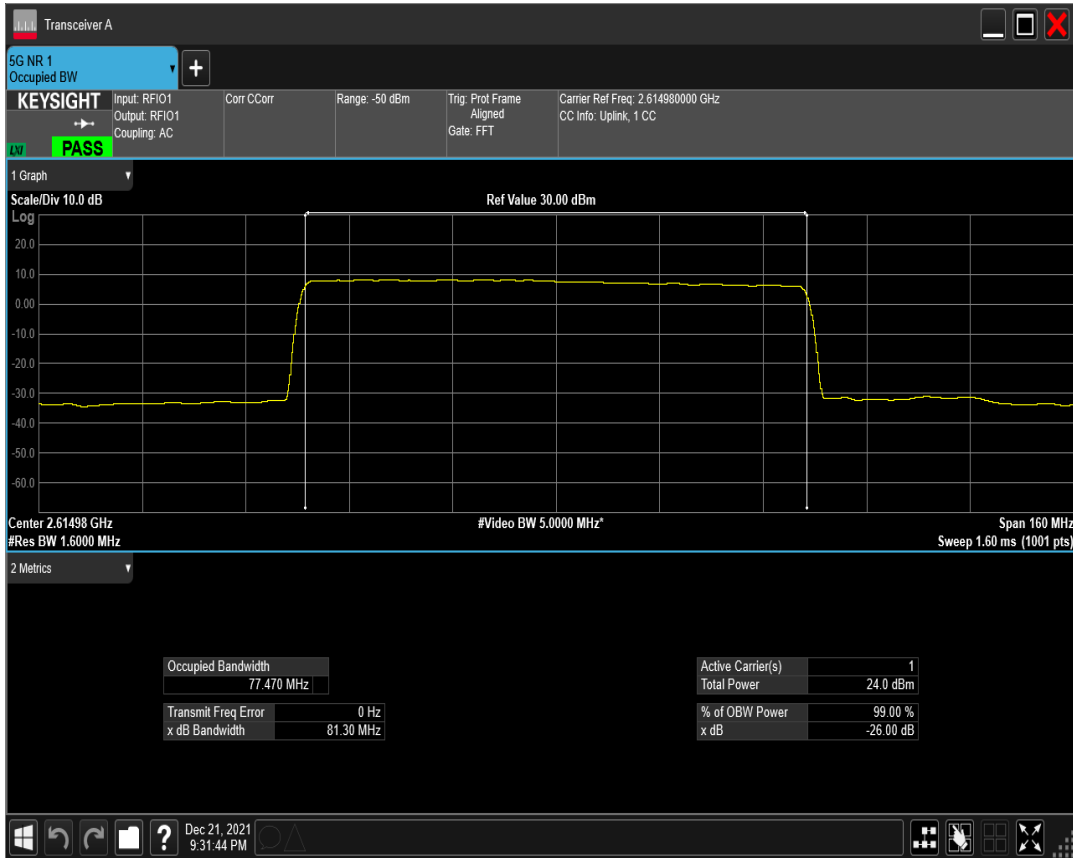
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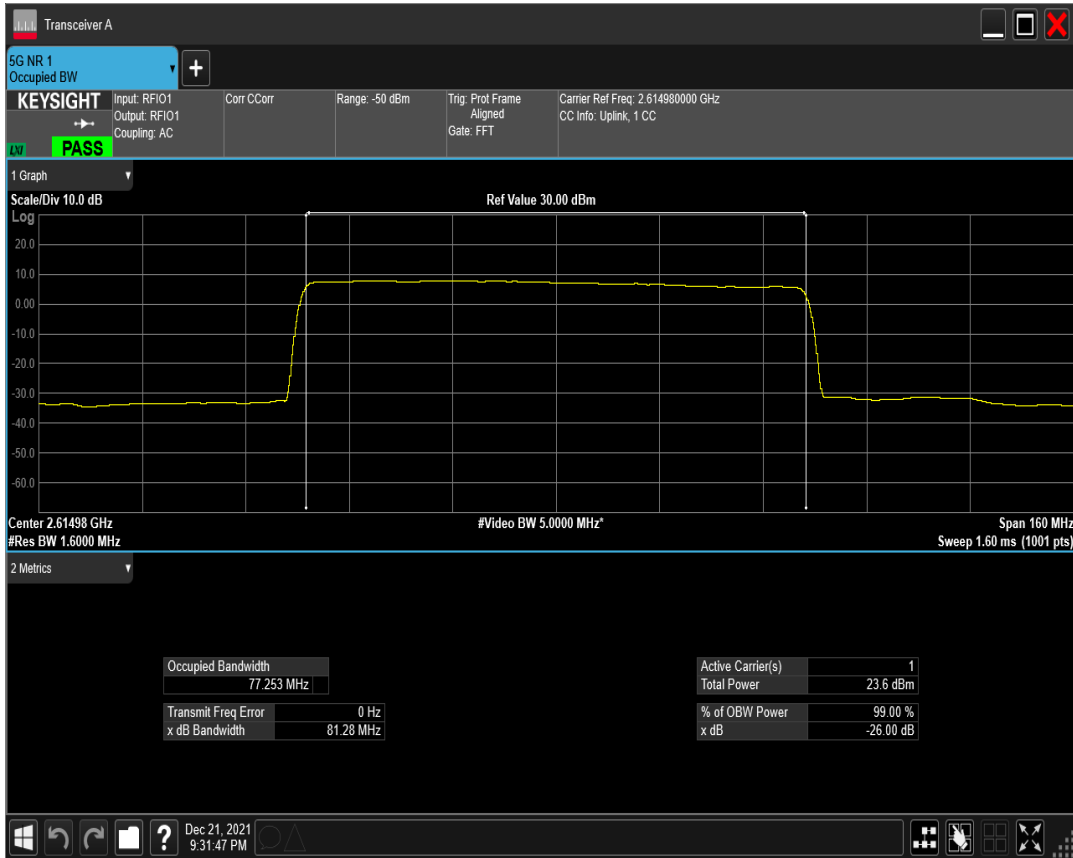
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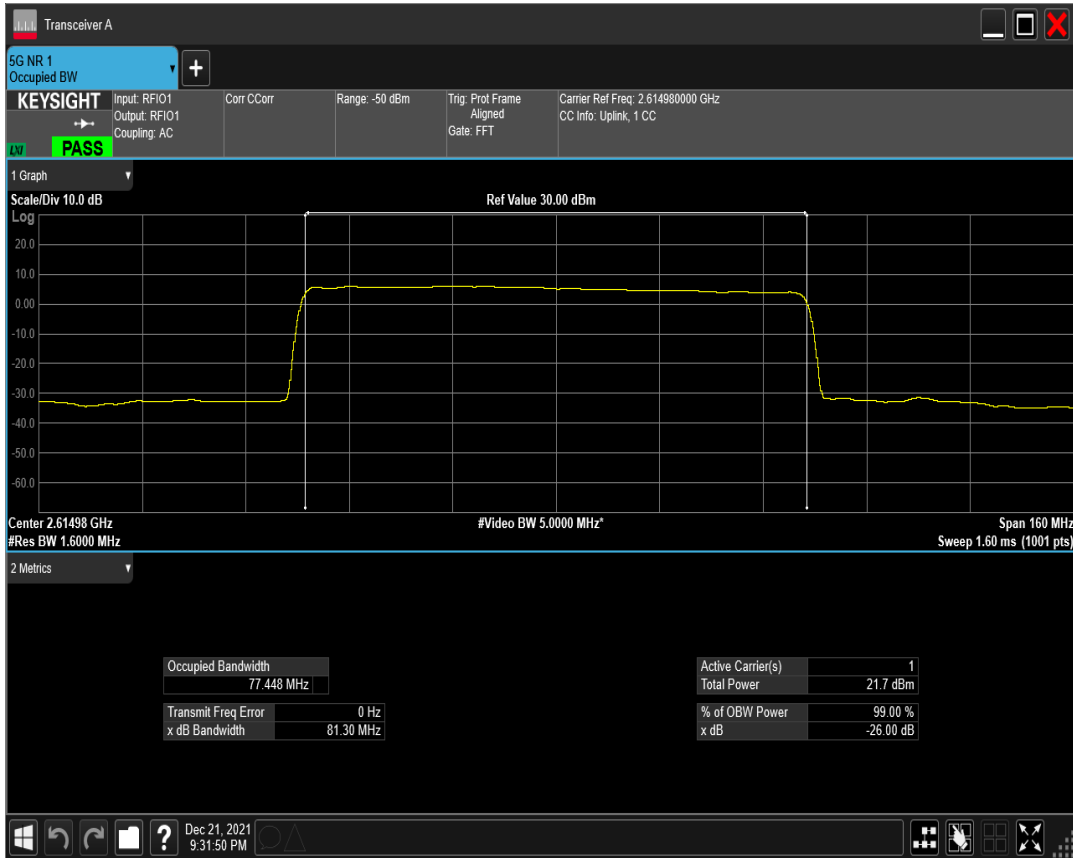
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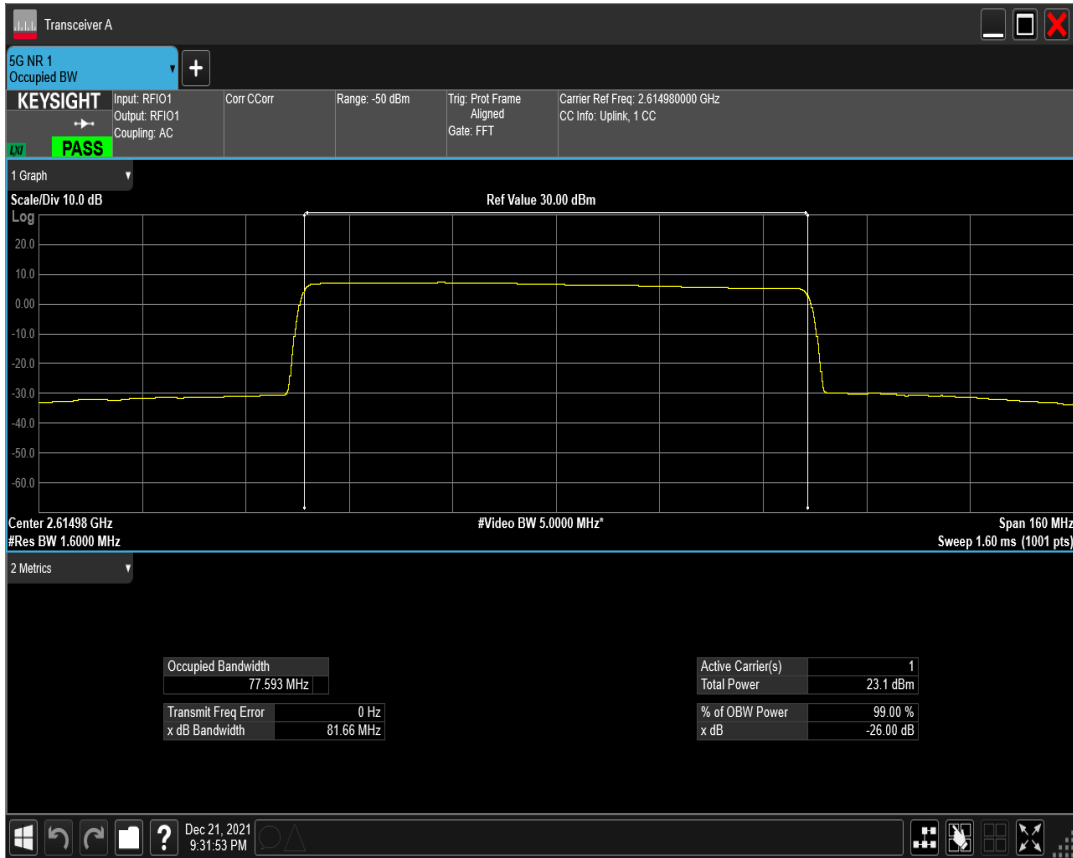
n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=522996 RB=216@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=522996 RB=216@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=80MHz Channel=522996 RB=217@0

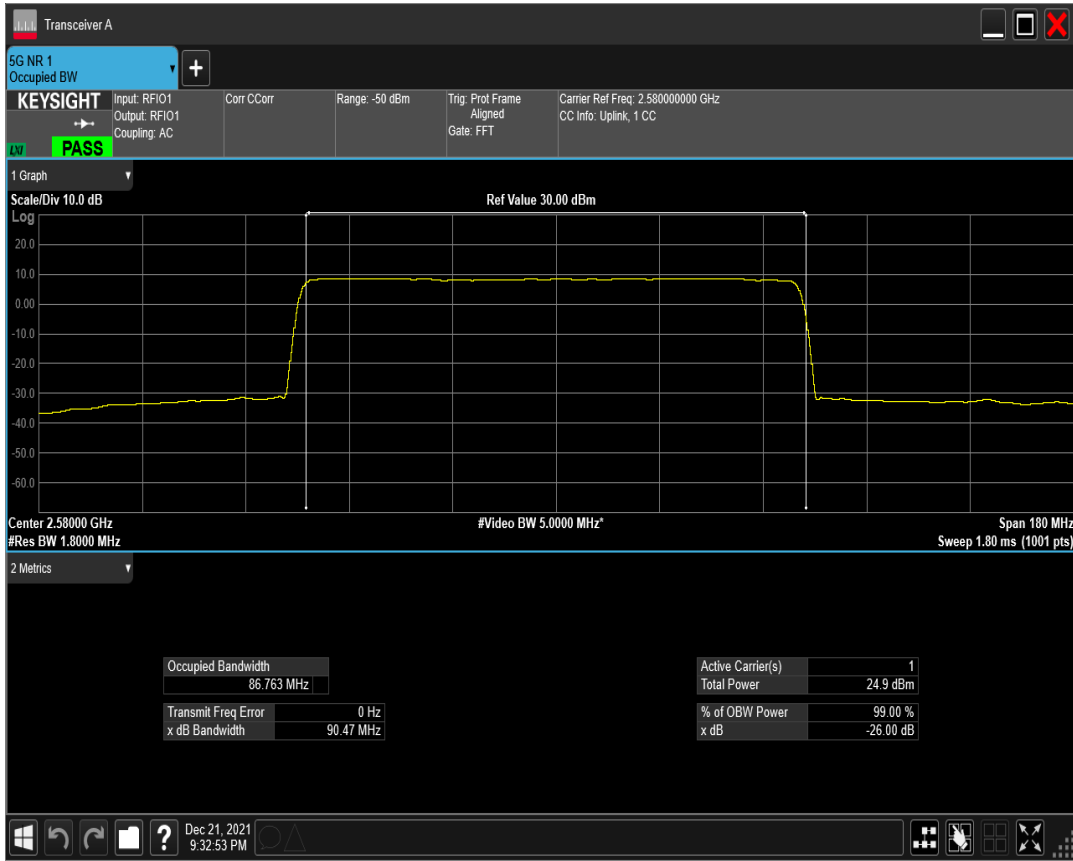


n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=516000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=516000 RB=240@0

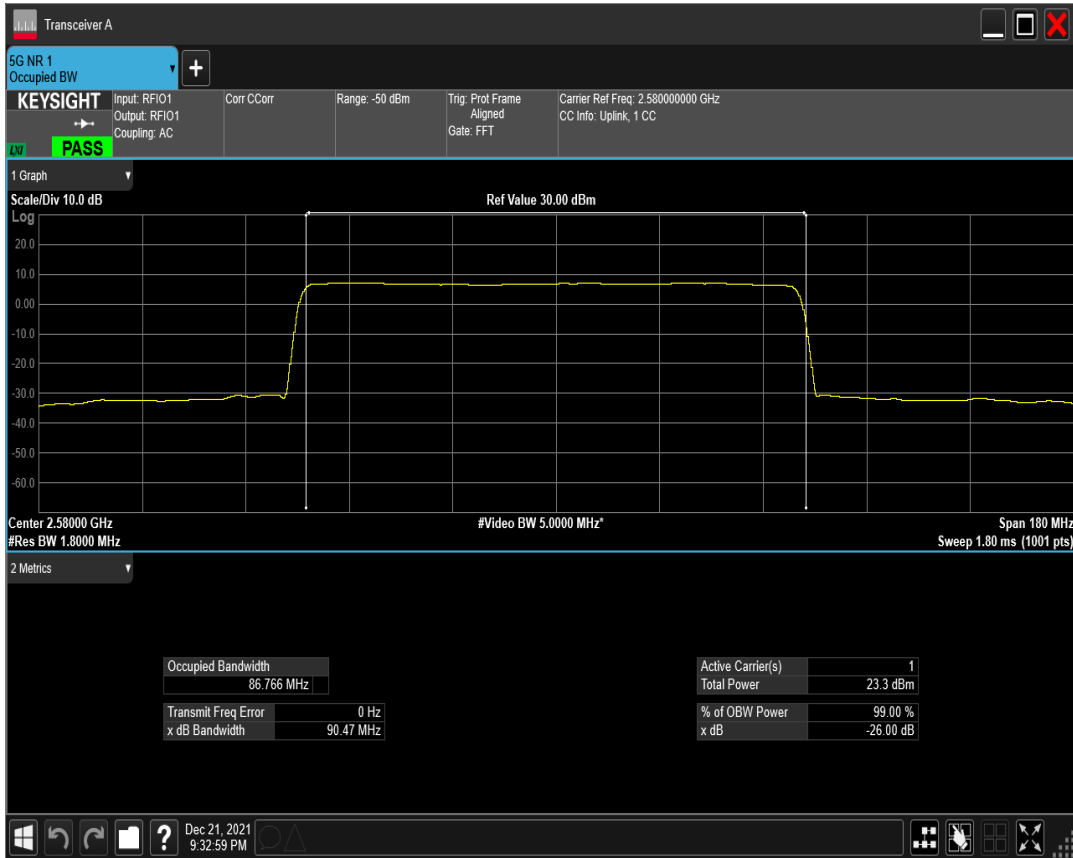




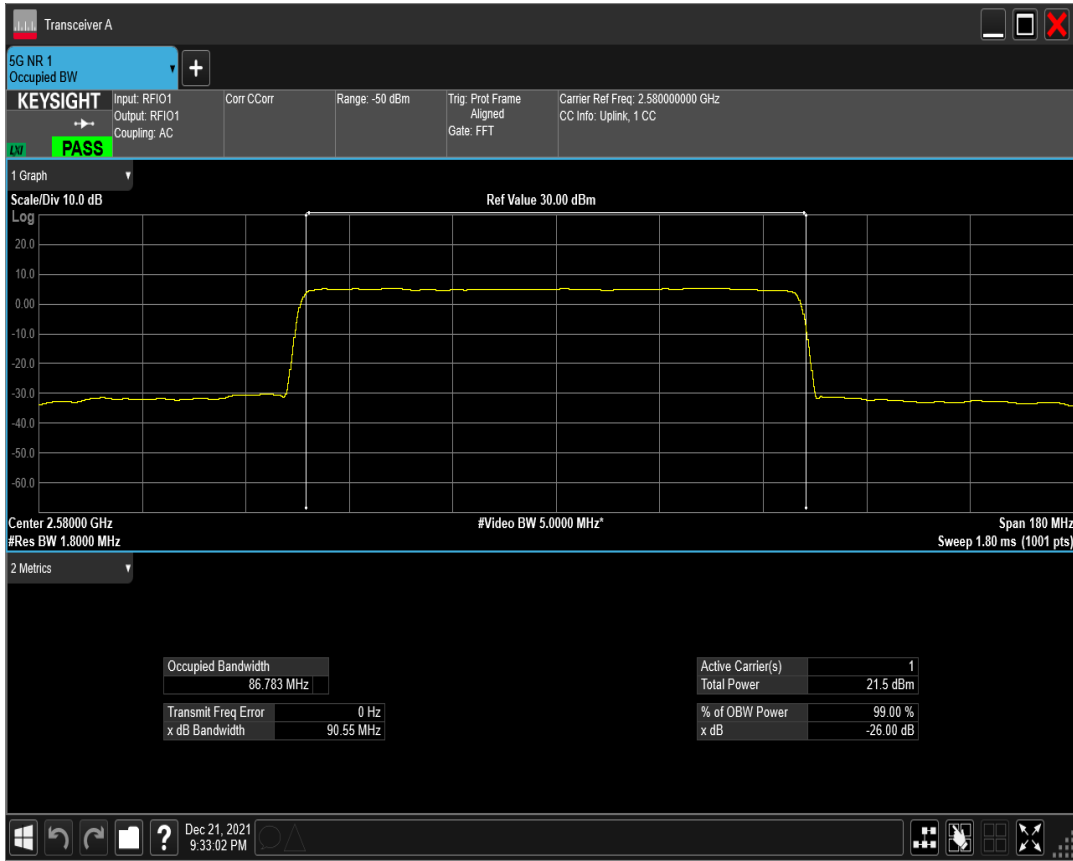
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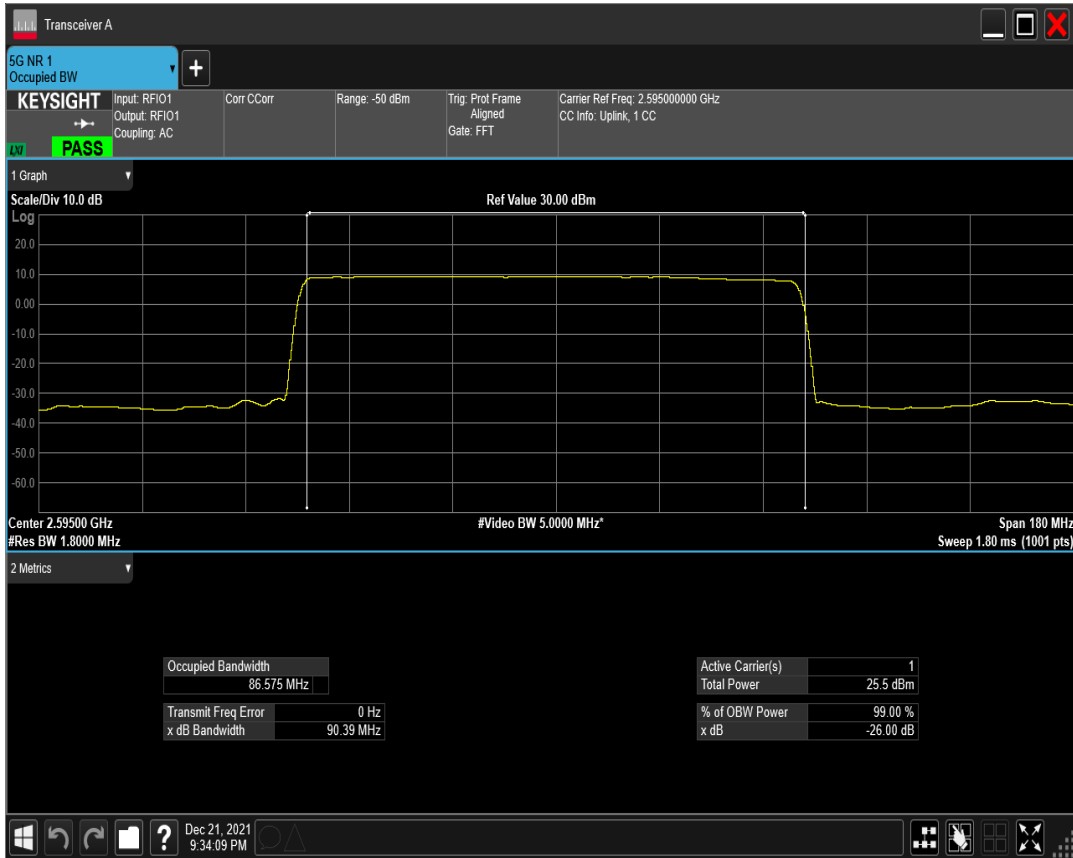
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n41(2535-2655) SCS=30kHz CP\_QPSK BW=90MHz Channel=516000 RB=245@0



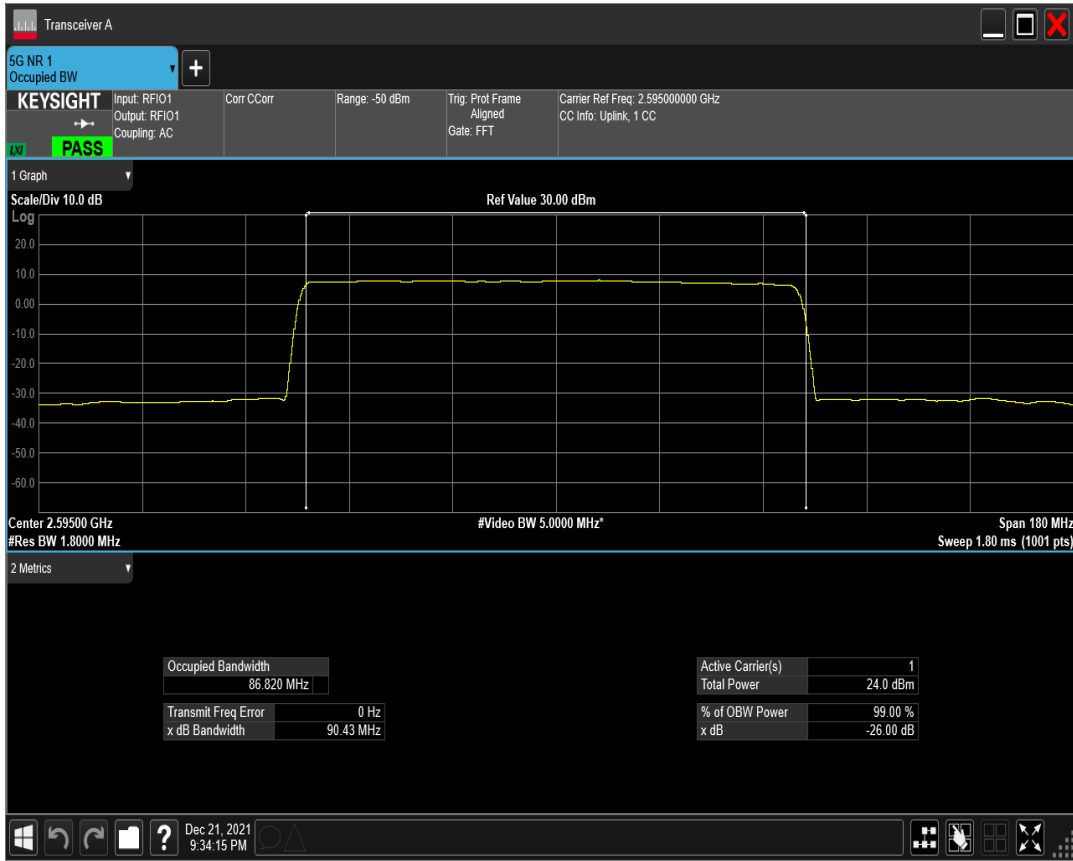
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=519000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=519000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=519000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=519000 RB=240@0





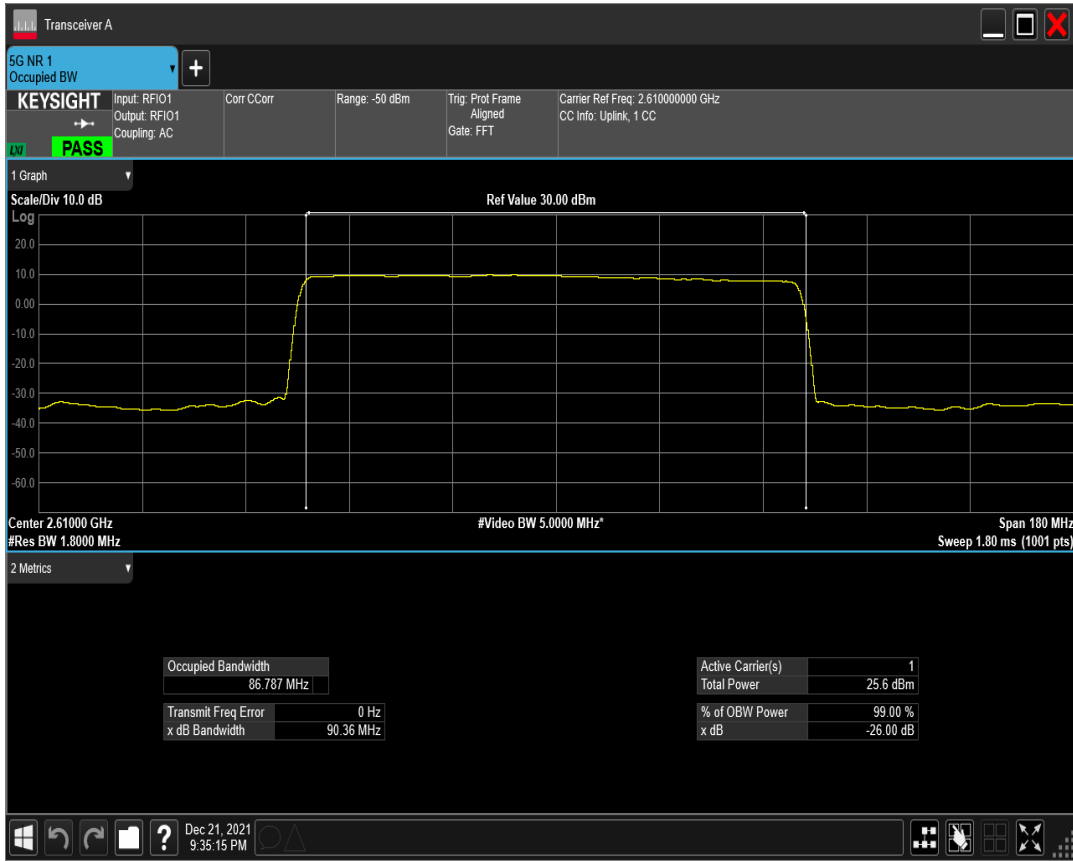
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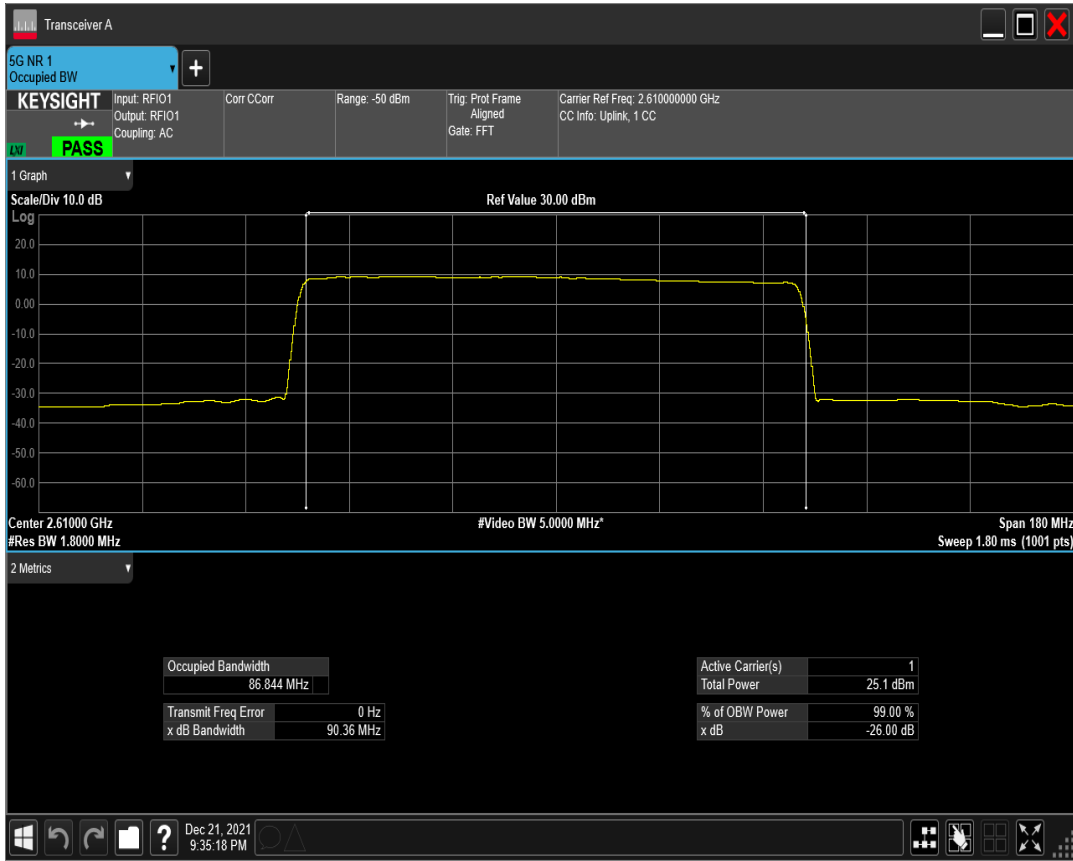
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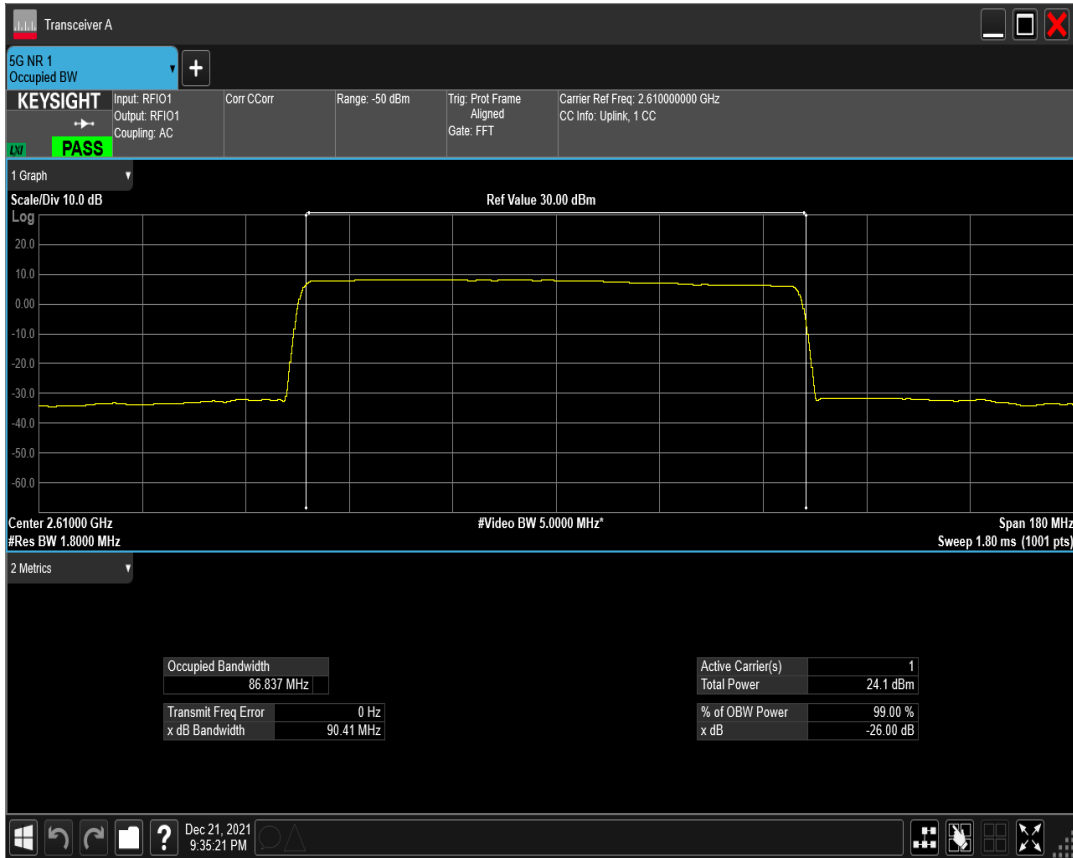
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=90MHz Channel=522000 RB=240@0



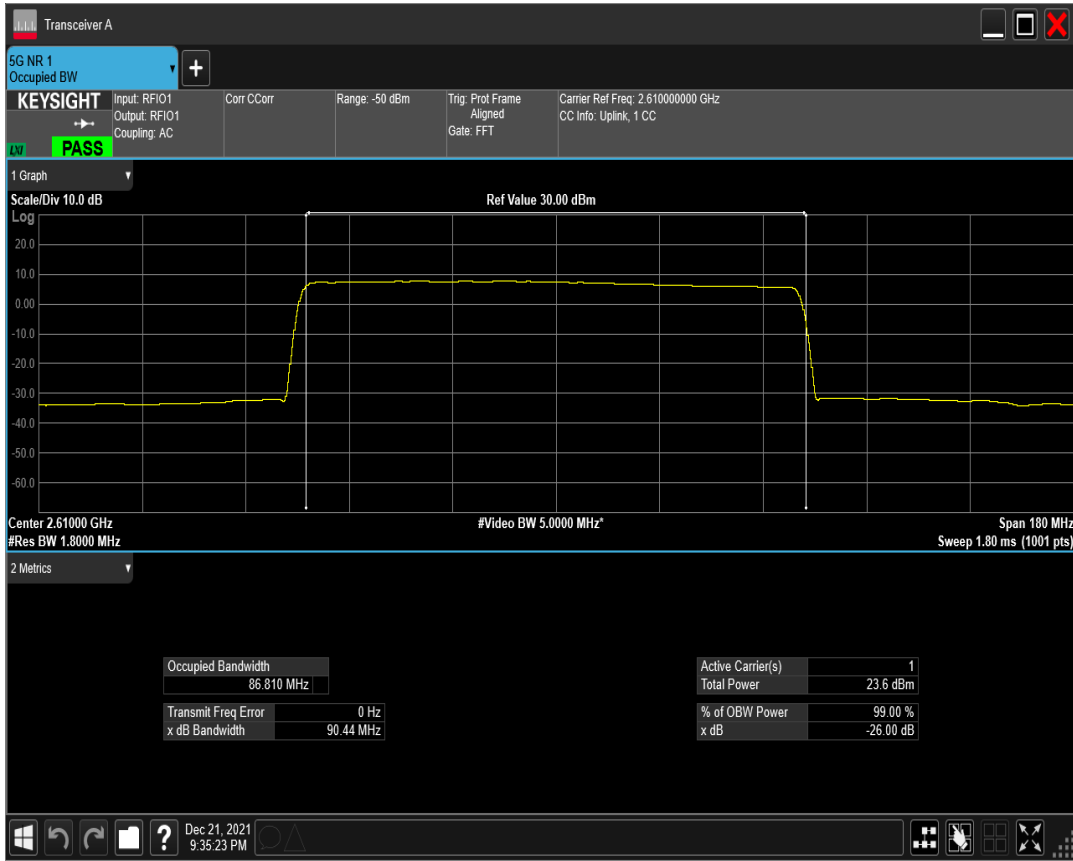
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=90MHz Channel=522000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=522000 RB=240@0



n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=522000 RB=240@0

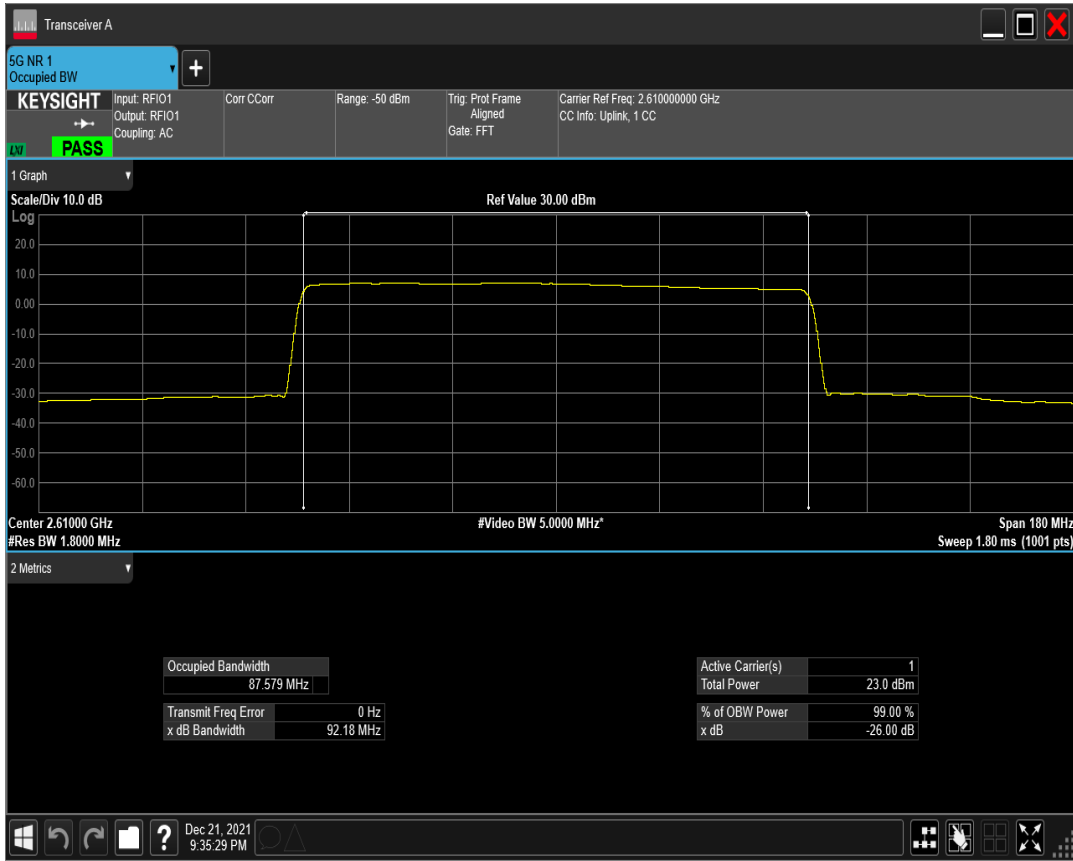


n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=522000 RB=240@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=90MHz Channel=522000 RB=245@0





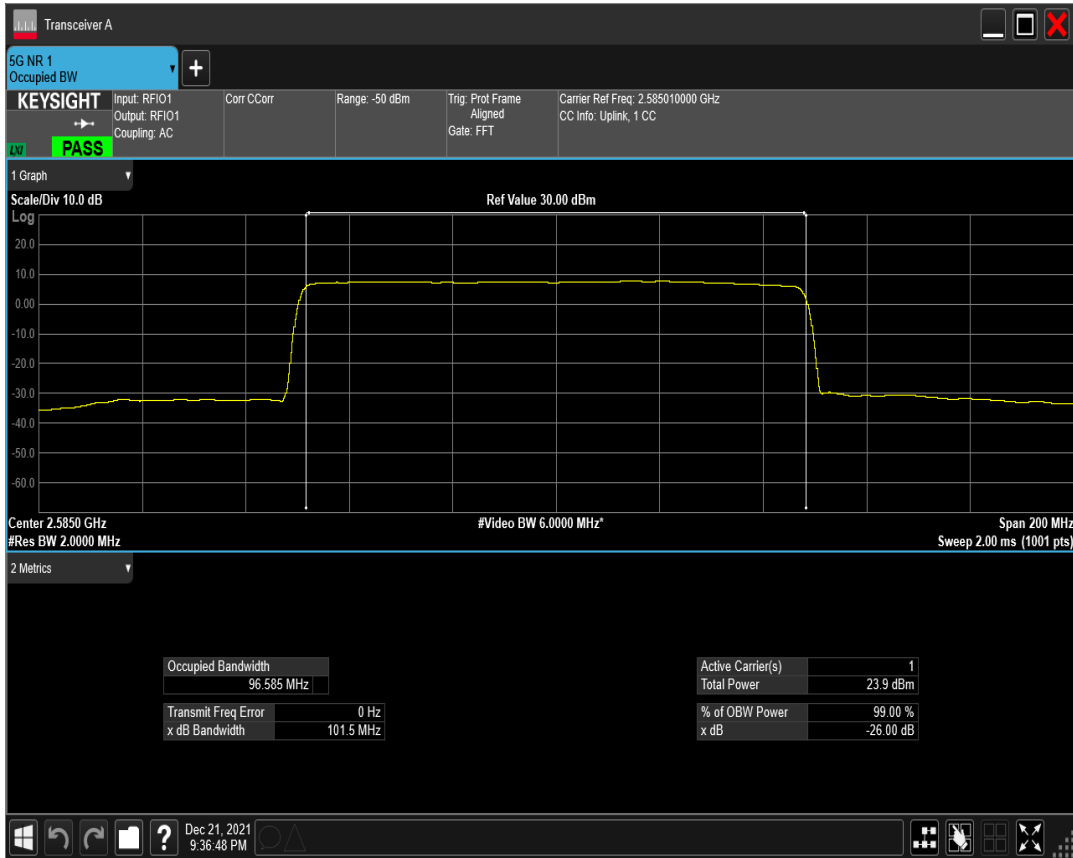
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=100MHz Channel=517002 RB=270@0



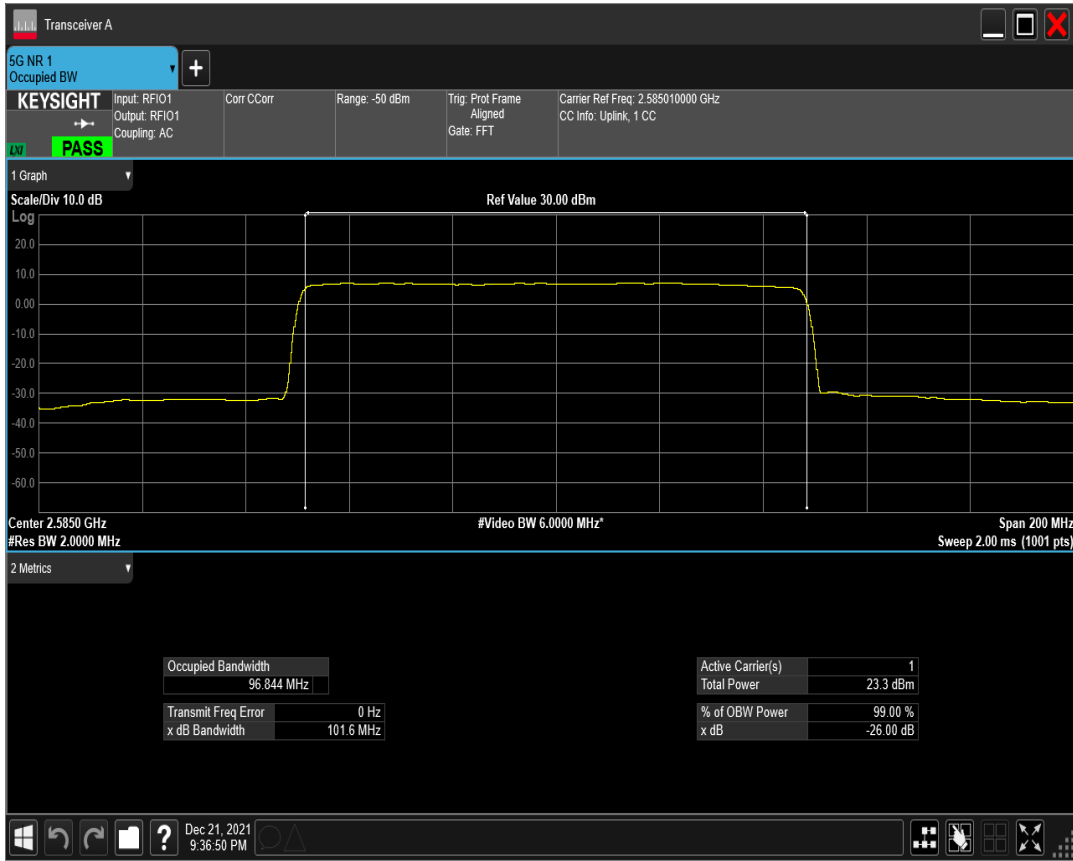
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=517002 RB=270@0



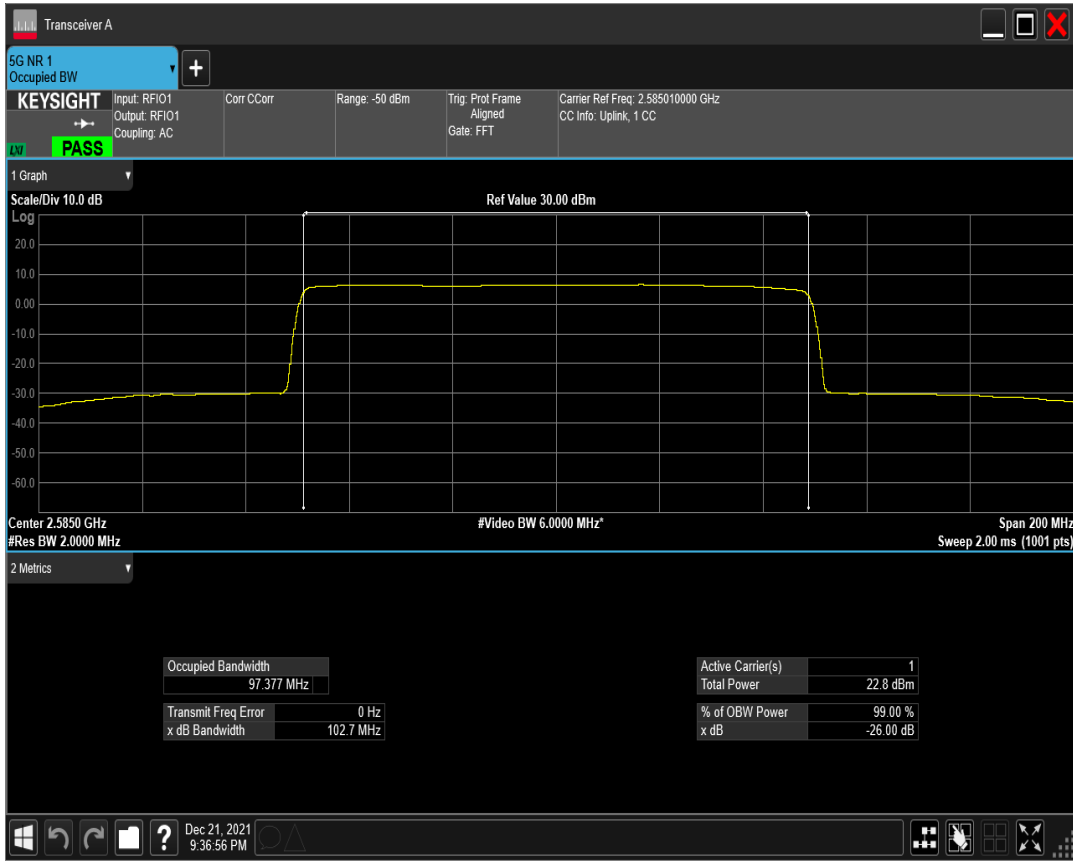
n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=517002 RB=270@0



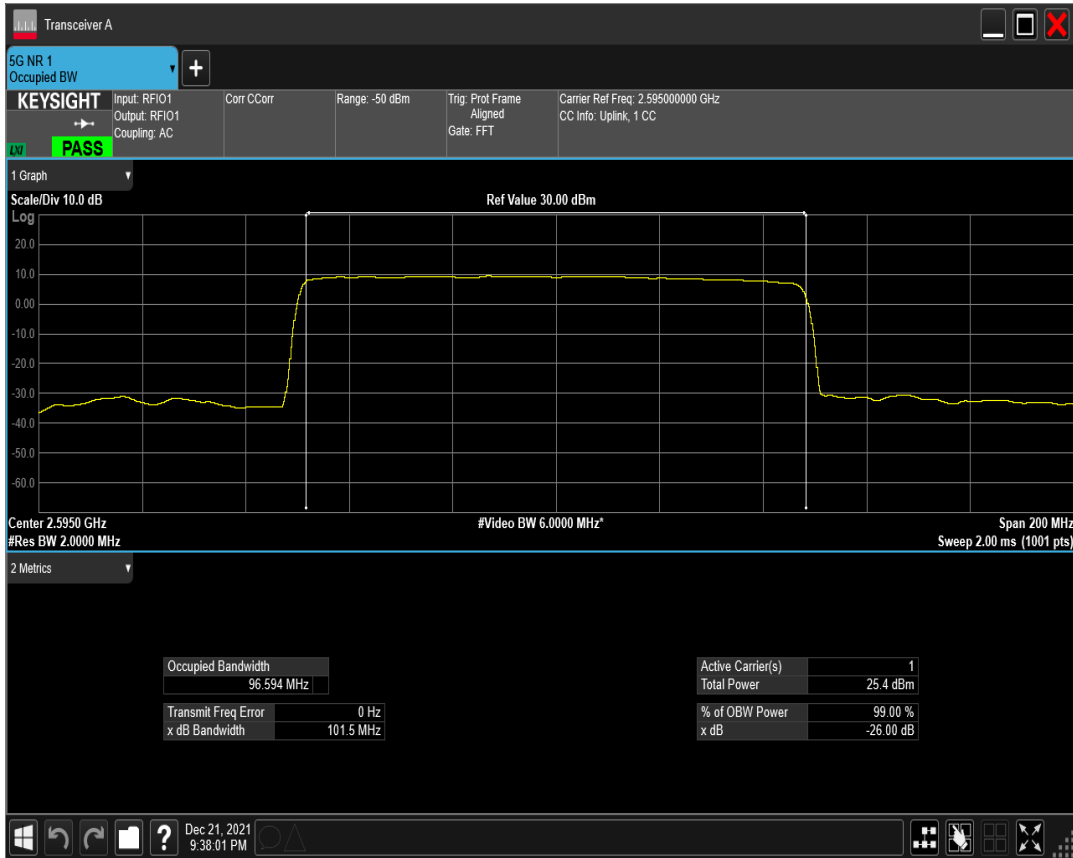
n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=517002 RB=270@0



n41(2535-2655) SCS=30kHz CP\_QPSK BW=100MHz Channel=517002 RB=273@0



n41(2535-2655) SCS=30kHz DFT\_BPSK BW=100MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=519000 RB=270@0





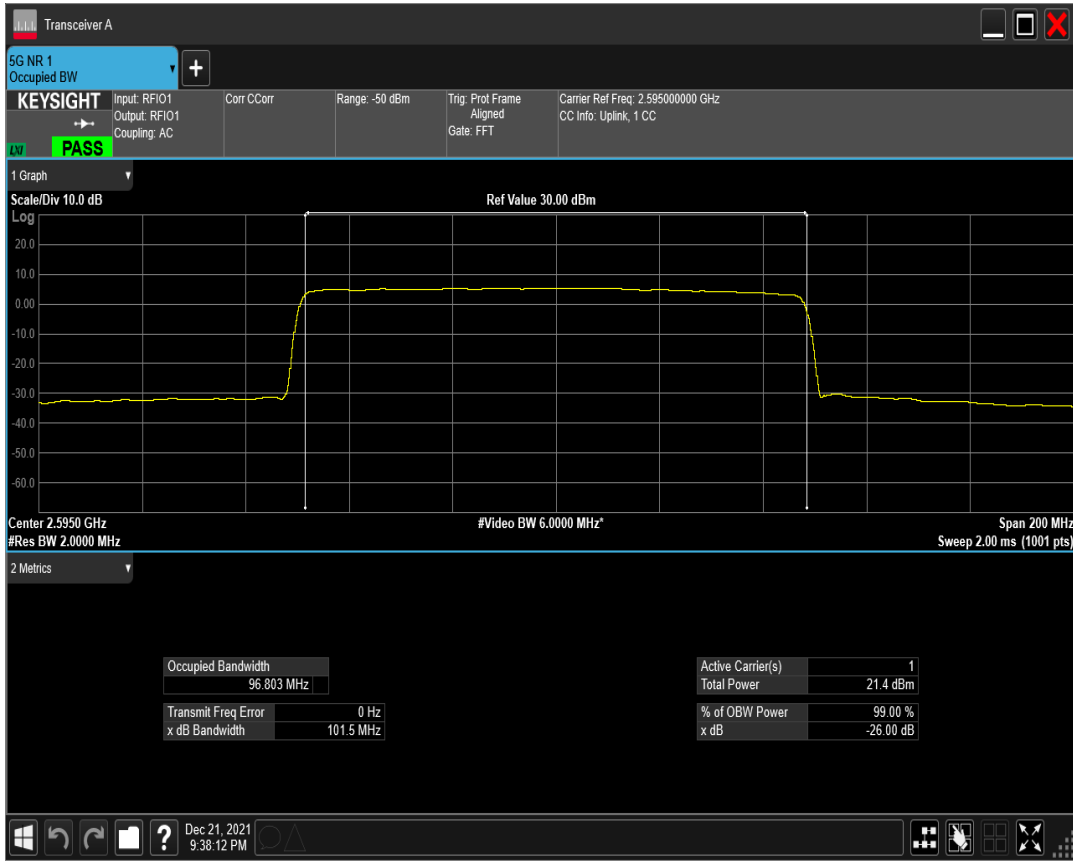
n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=519000 RB=270@0



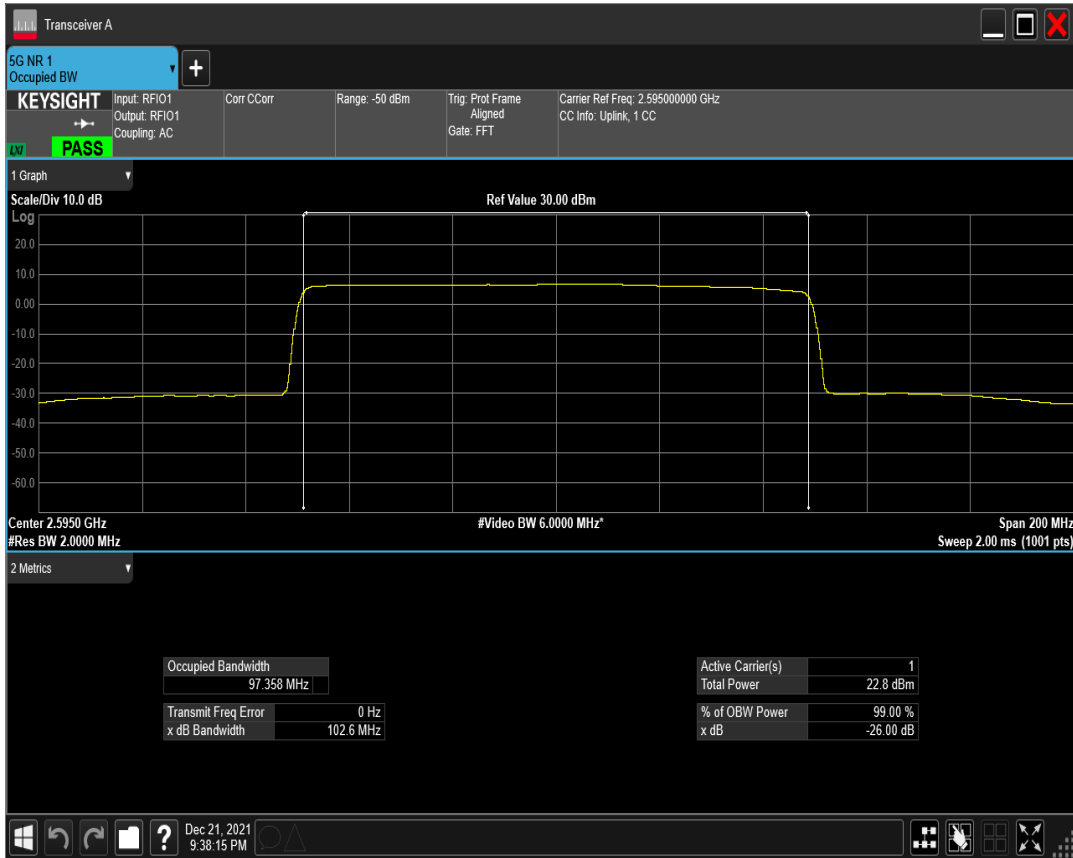
n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=519000 RB=270@0



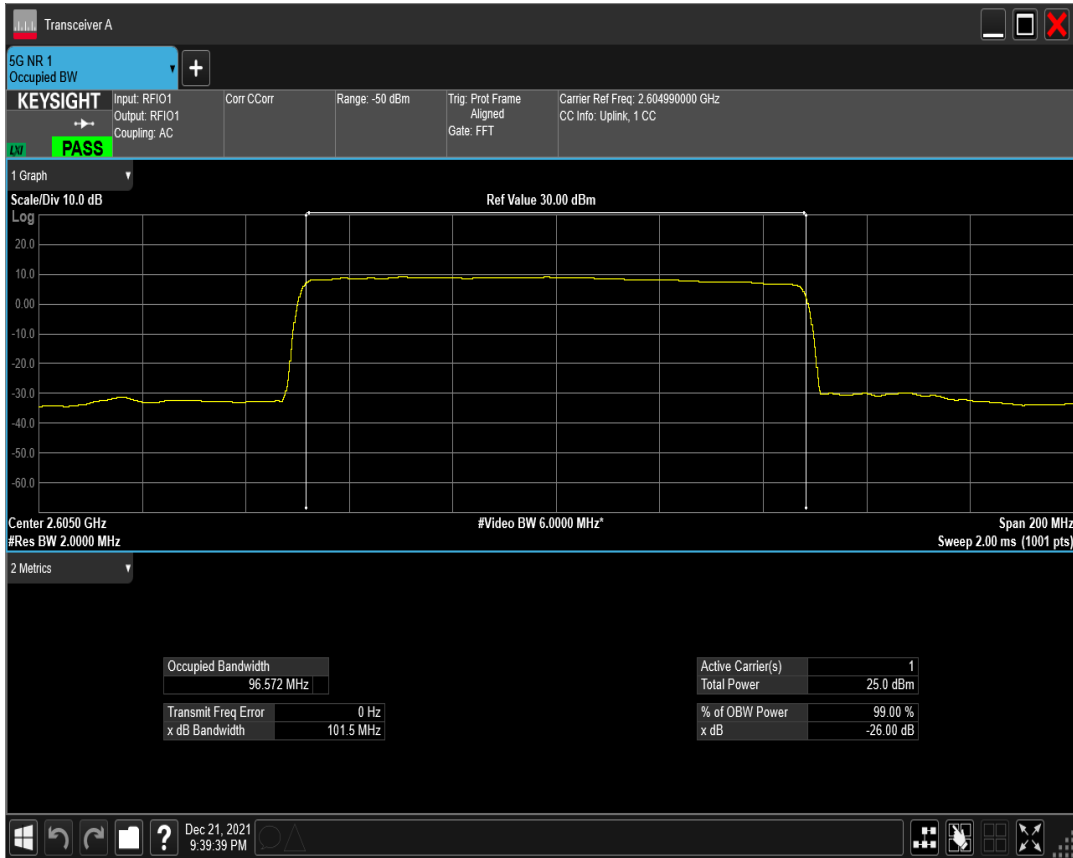
n41(2535-2655) SCS=30kHz CP\_QPSK BW=100MHz Channel=519000 RB=273@0



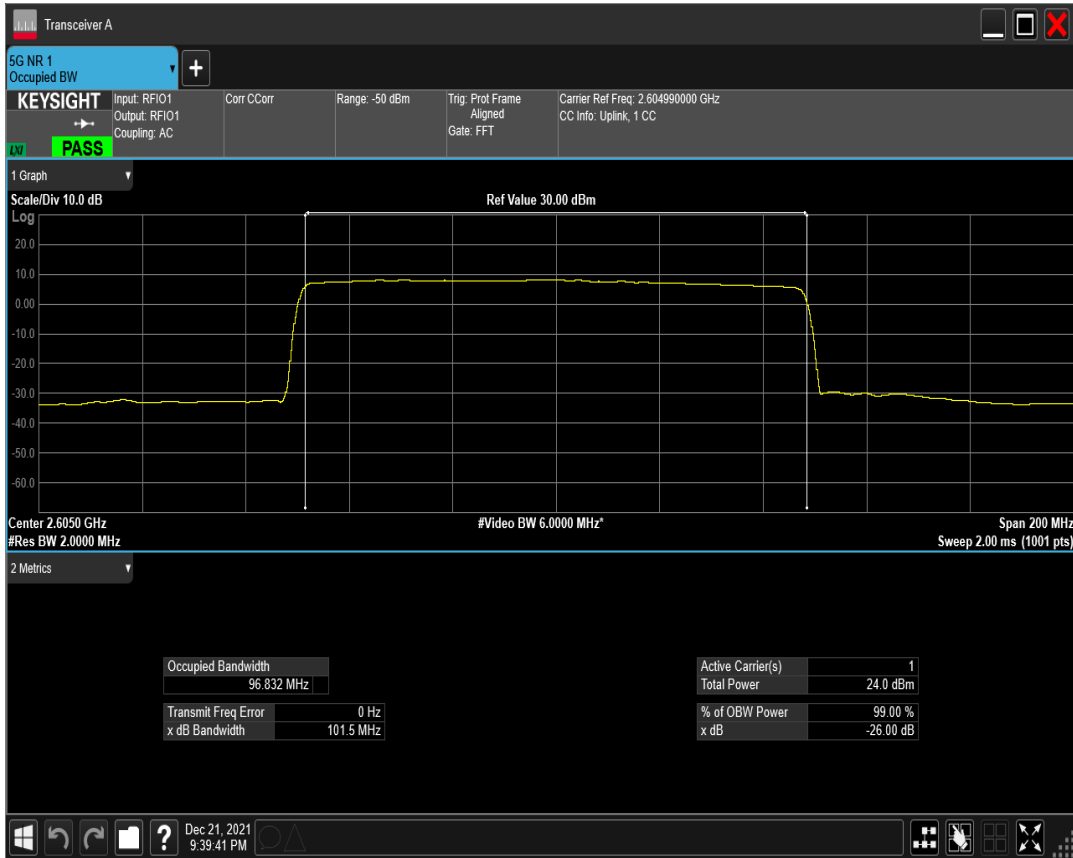
n41(2535-2655) SCS=30kHz DFT\_BPSK BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=520998 RB=270@0

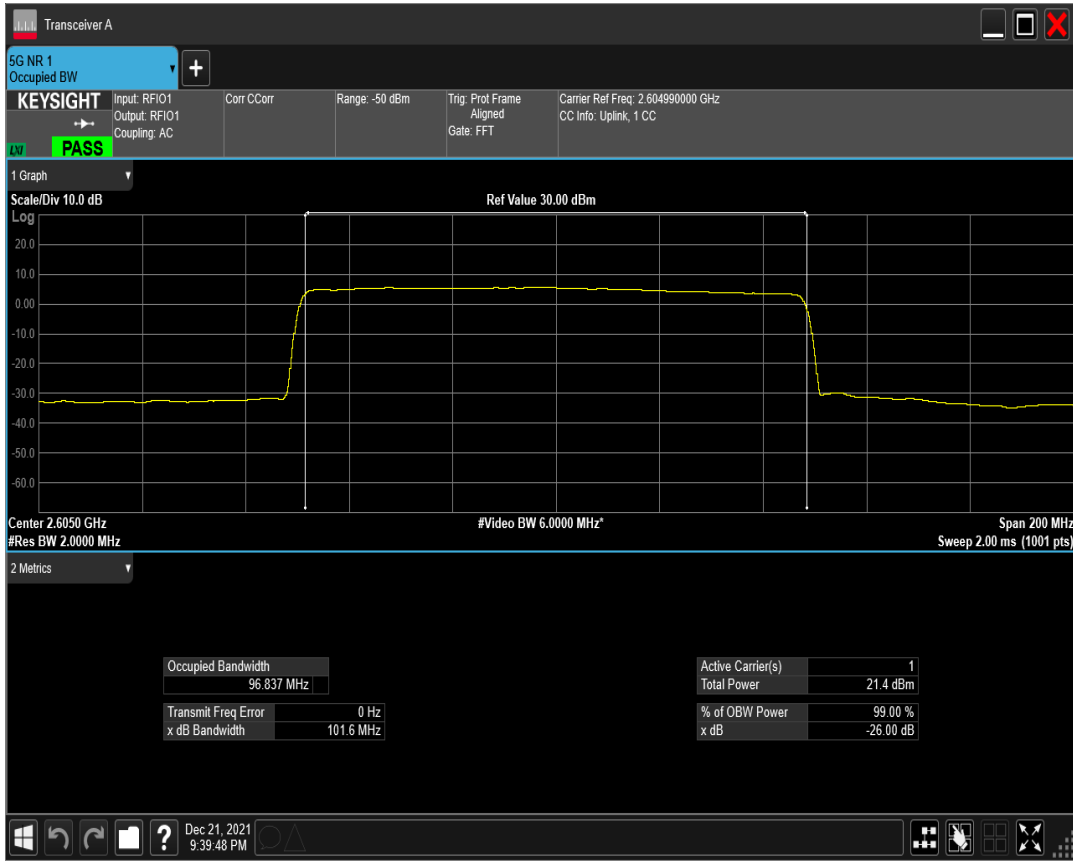


n41(2535-2655) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=520998 RB=270@0

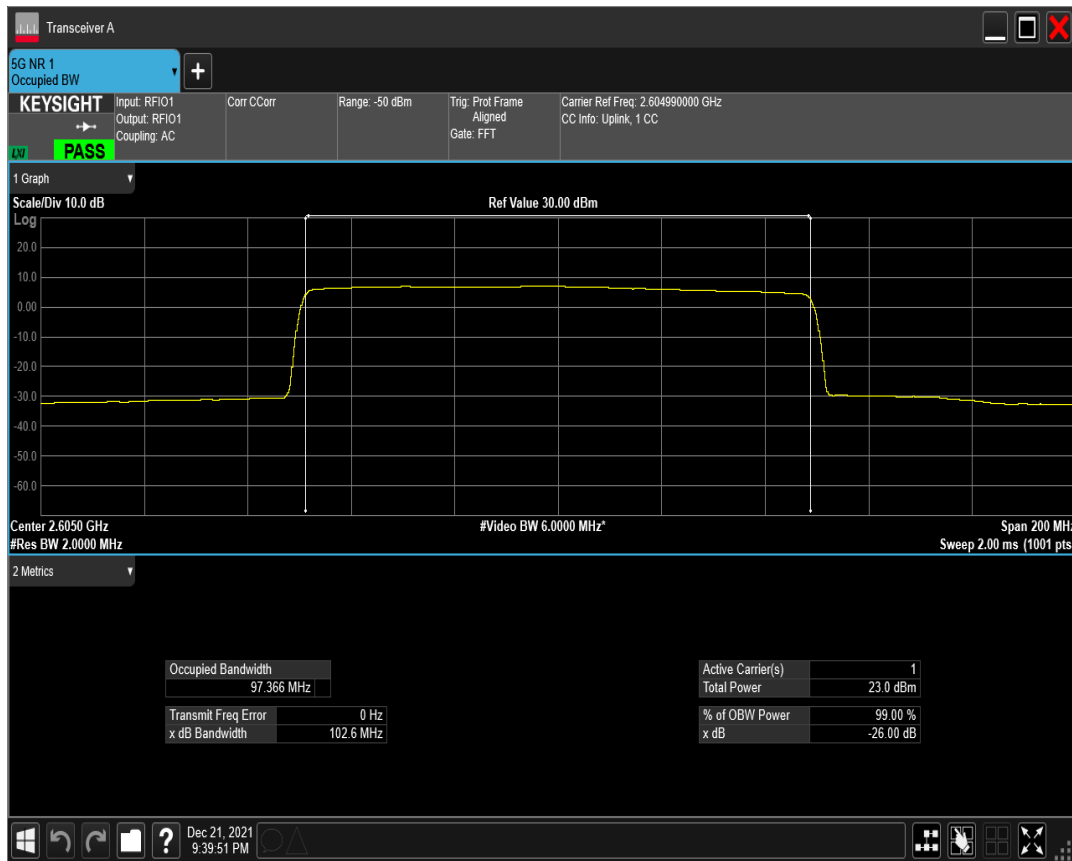




n41(2535-2655) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=520998 RB=270@0



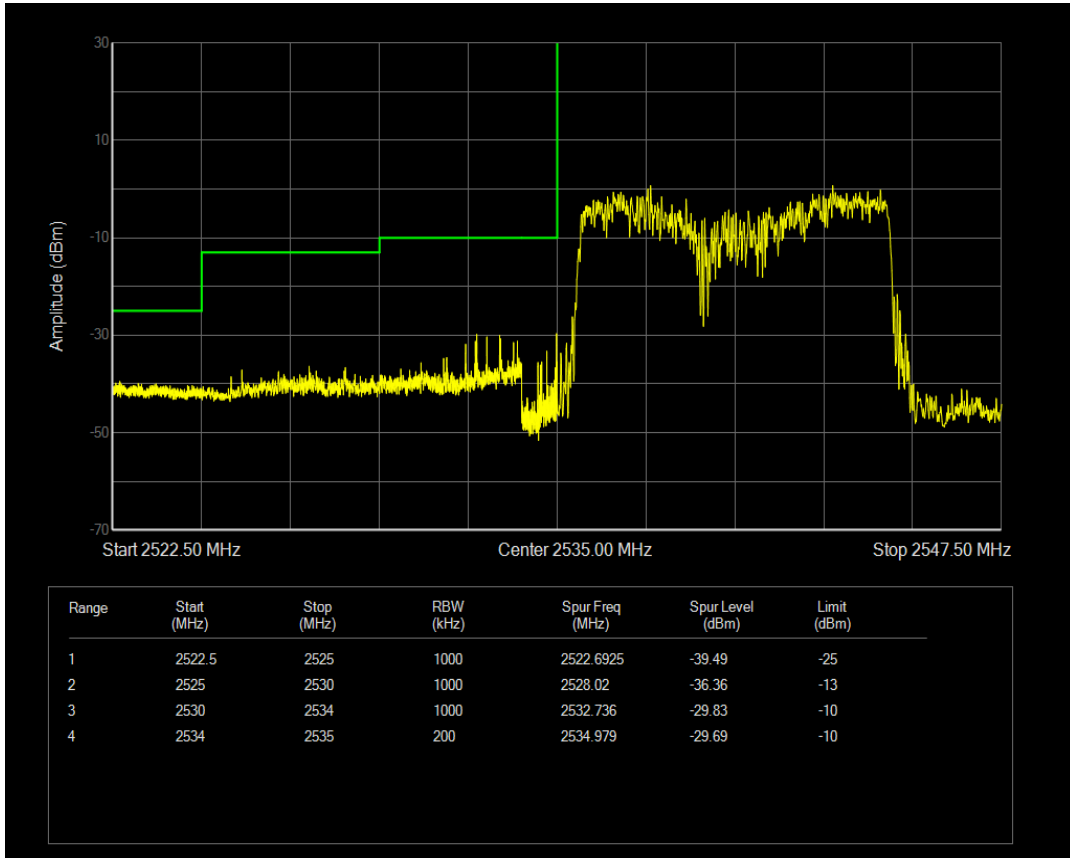
n41(2535-2655) SCS=30kHz CP\_QPSK BW=100MHz Channel=520998 RB=273@0



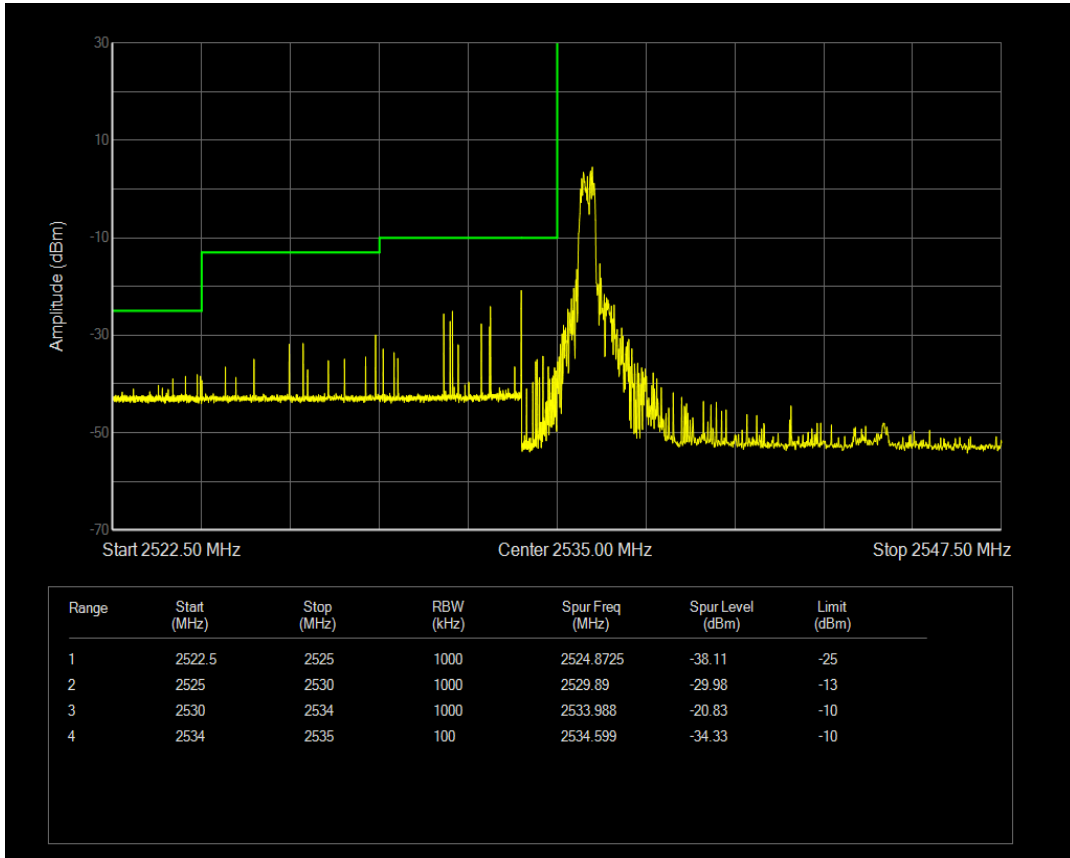
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41(2535-2655)	30	10	508002	24@0	DFT_QPSK	2522.69	-39.49	-25	PASS
n41(2535-2655)	30	10	508002	1@0	DFT_QPSK	2533.99	-20.83	-10	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QPSK	2667.33	-38.64	-25	PASS
n41(2535-2655)	30	10	529998	1@23	DFT_QPSK	2656.91	-23.41	-10	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QPSK	2416.73	-42.43	-25	PASS
n41(2535-2655)	30	100	517002	1@0	DFT_QPSK	2533.96	-26.96	-10	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QPSK	2759.73	-42.29	-25	PASS
n41(2535-2655)	30	100	520998	1@272	DFT_QPSK	2656.25	-26.50	-10	PASS

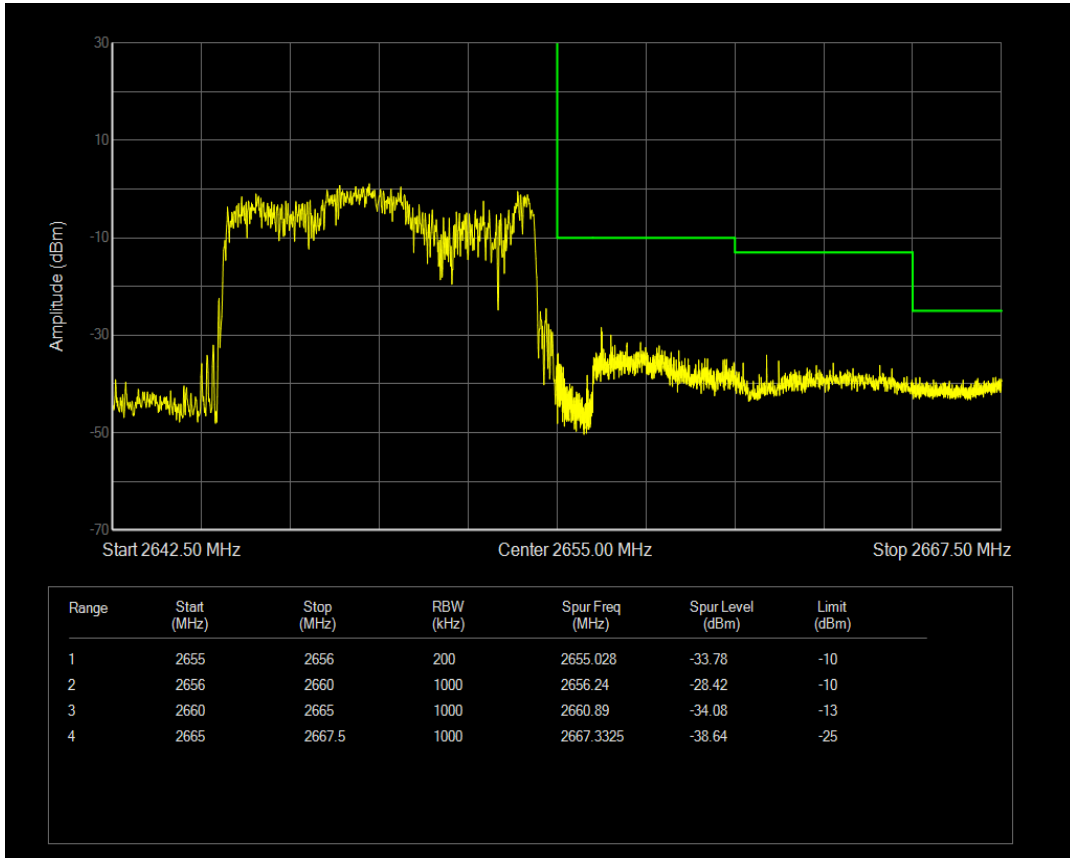
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=24@0



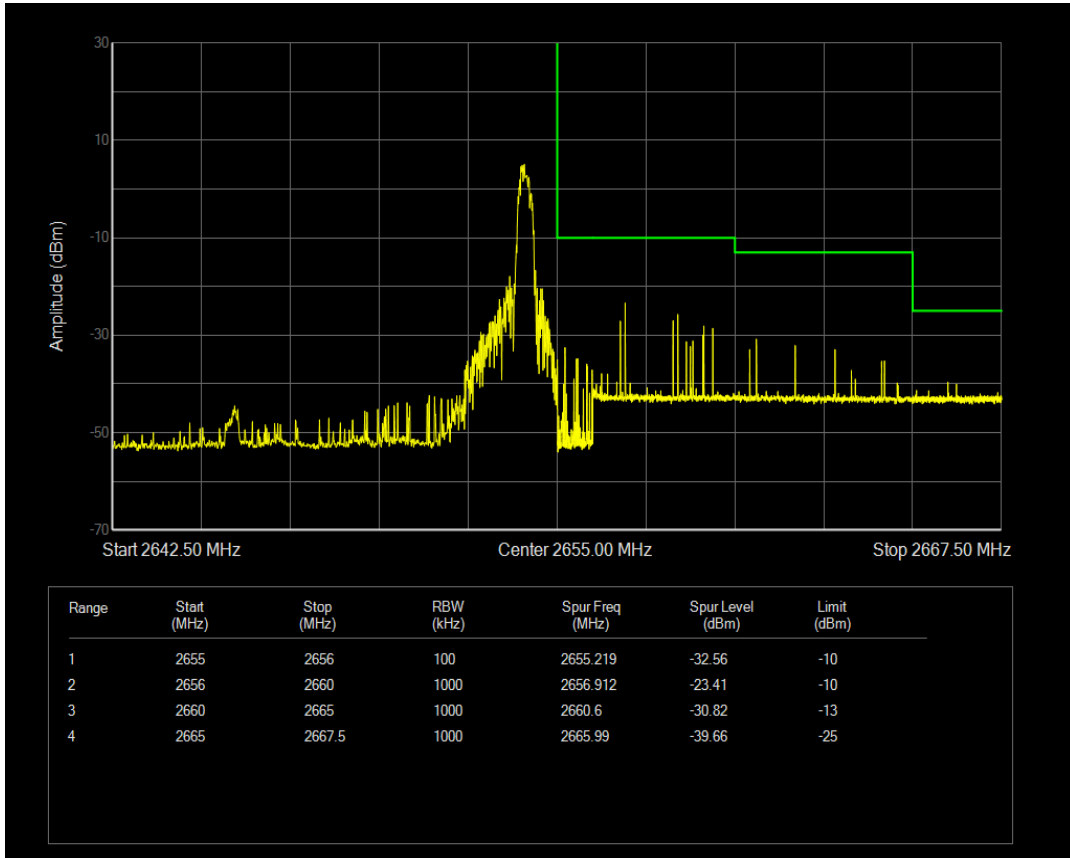
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@0



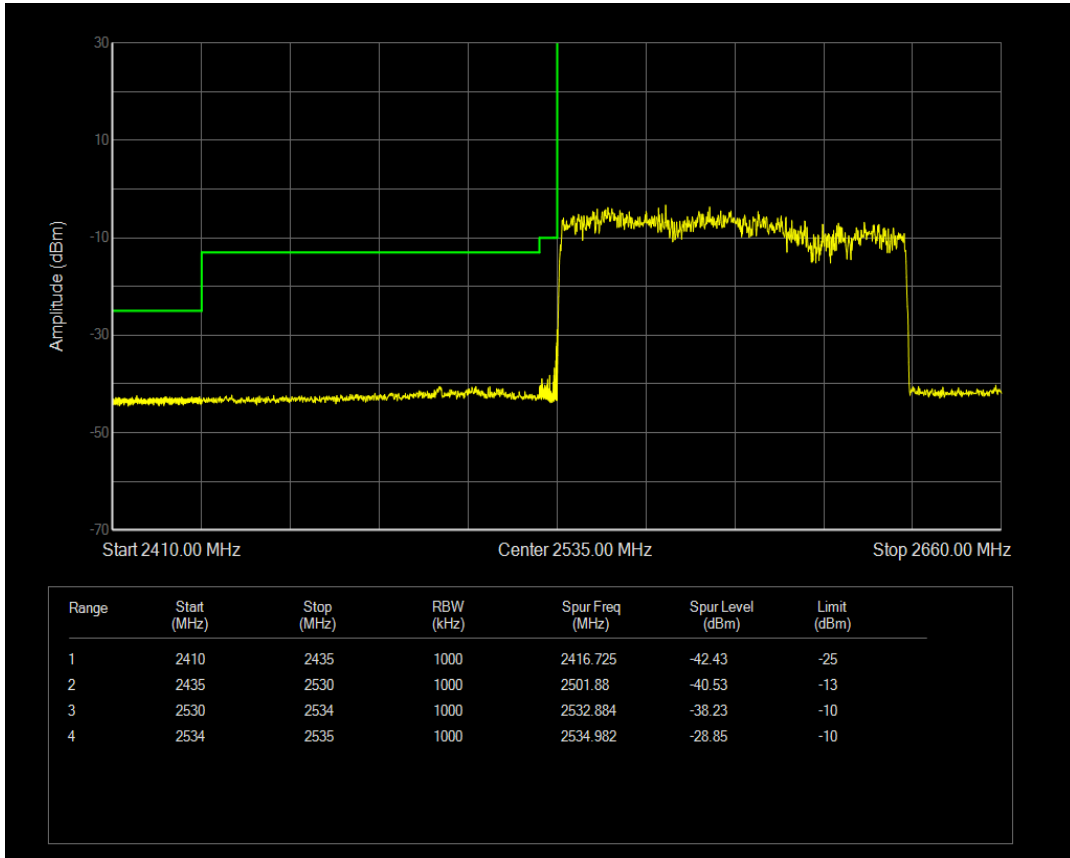
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=24@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@23

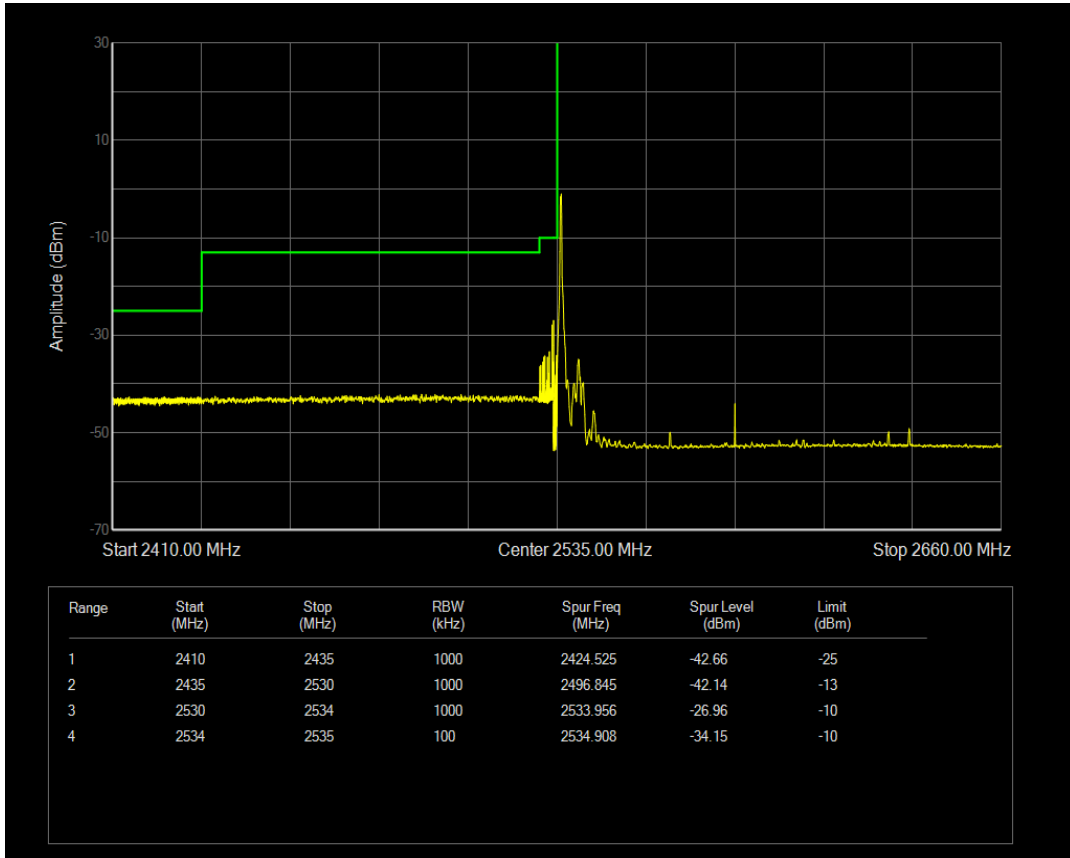


n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=270@0

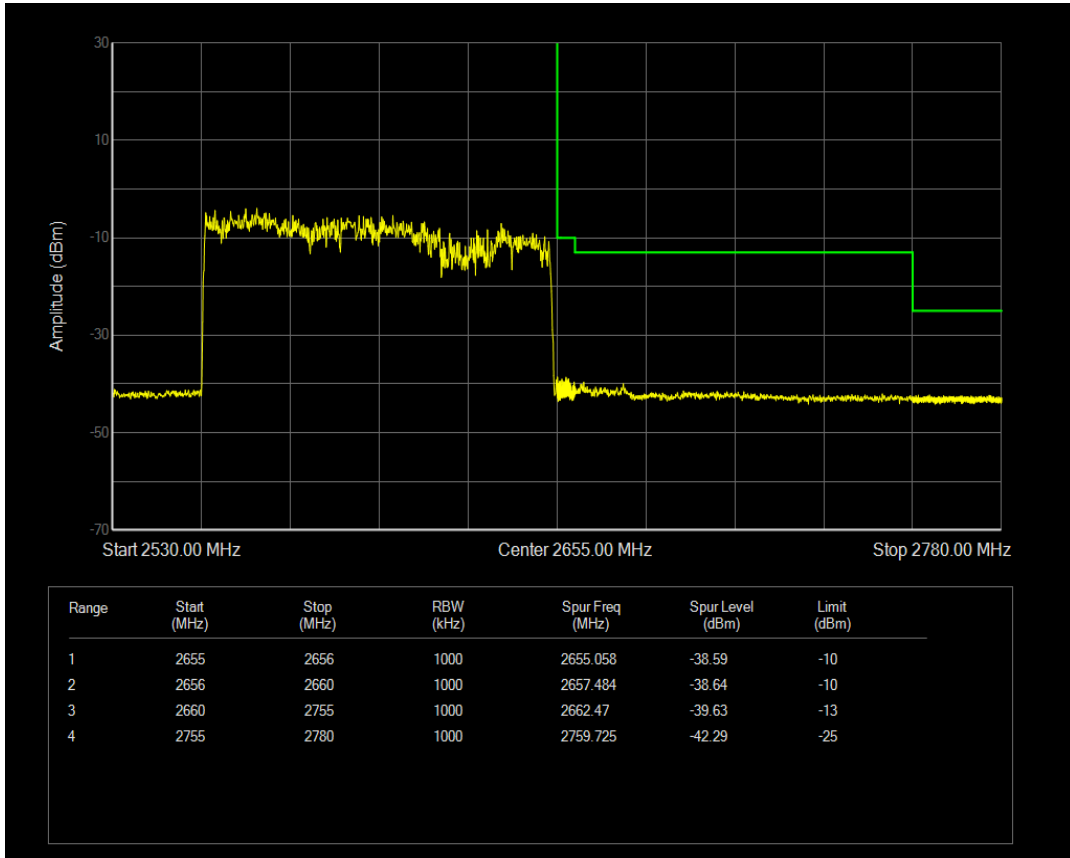


n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@0

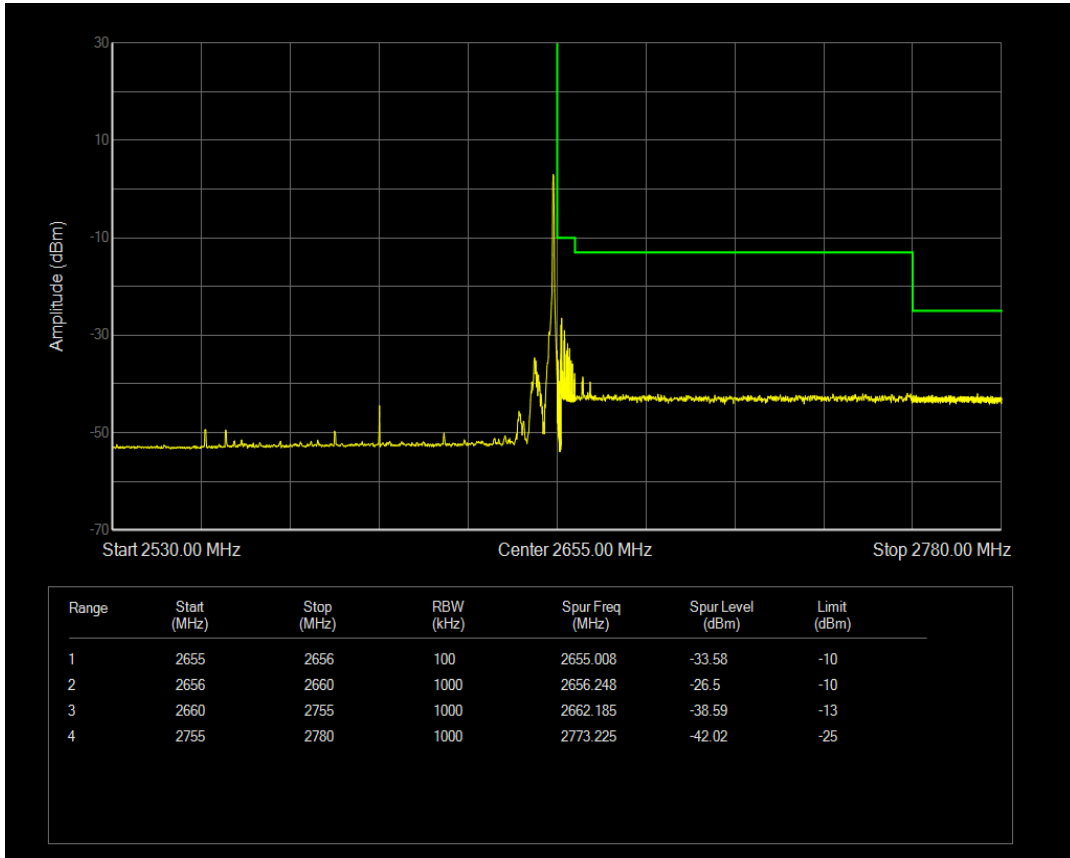




n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



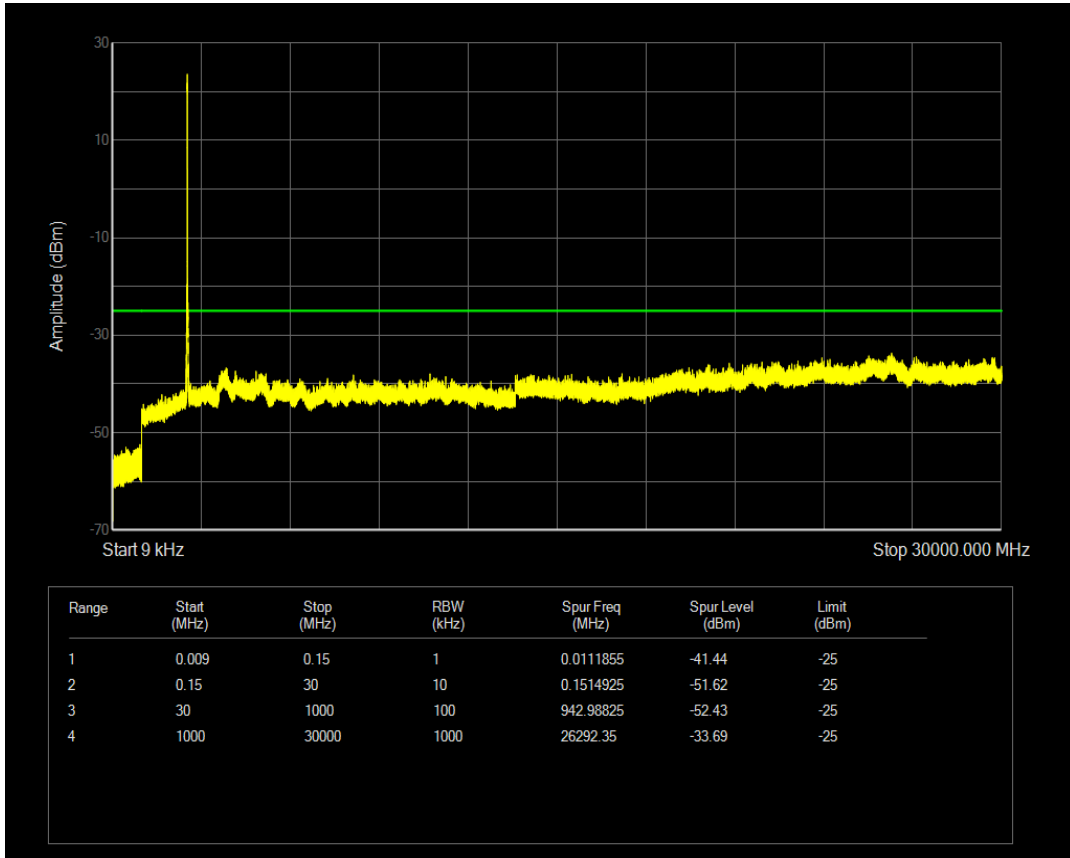
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@272



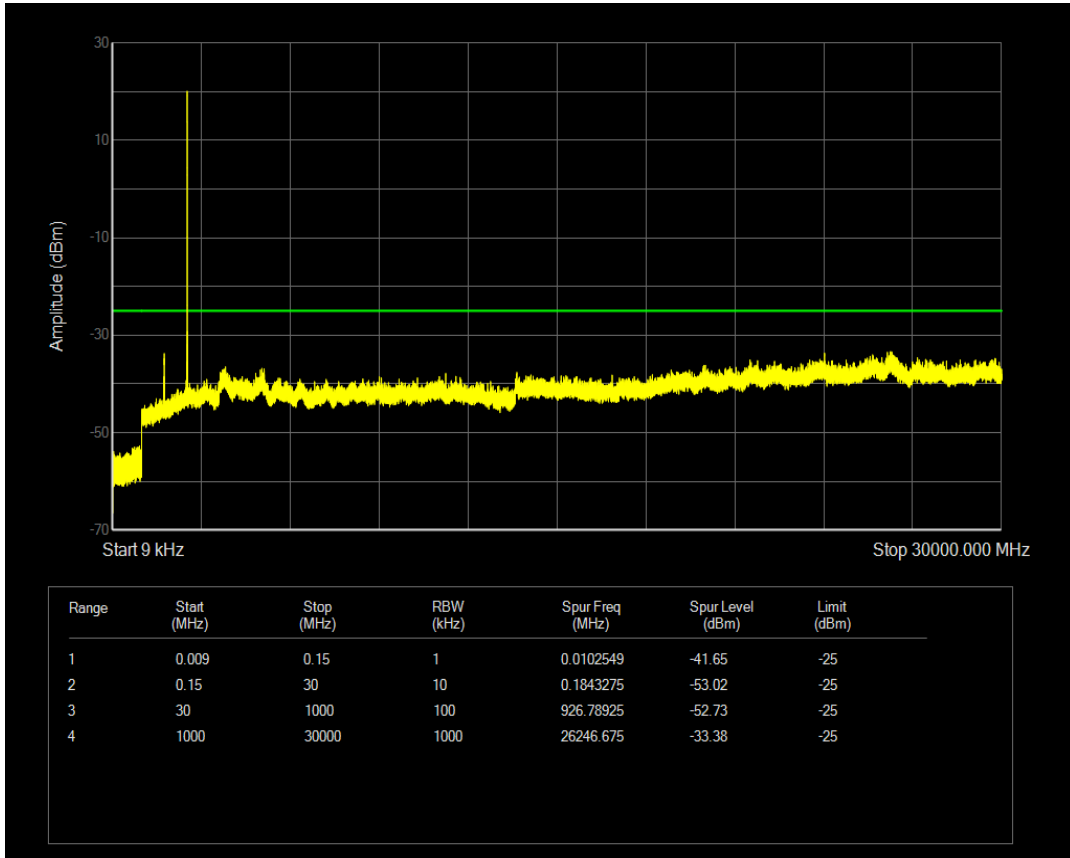
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41(2535-2655)	30	10	508002	24@0	DFT_QPSK	26292.35	-33.69	-25	PASS
n41(2535-2655)	30	10	508002	1@0	DFT_QPSK	26246.68	-33.38	-25	PASS
n41(2535-2655)	30	10	508002	1@23	DFT_QPSK	26227.83	-33.84	-25	PASS
n41(2535-2655)	30	10	529998	24@0	DFT_QPSK	26229.28	-32.80	-25	PASS
n41(2535-2655)	30	10	529998	1@0	DFT_QPSK	25854.45	-33.39	-25	PASS
n41(2535-2655)	30	10	529998	1@23	DFT_QPSK	26309.03	-32.86	-25	PASS
n41(2535-2655)	30	100	517002	270@0	DFT_QPSK	26202.45	-33.65	-25	PASS
n41(2535-2655)	30	100	517002	1@0	DFT_QPSK	26199.55	-32.95	-25	PASS
n41(2535-2655)	30	100	517002	1@272	DFT_QPSK	26288.00	-33.29	-25	PASS
n41(2535-2655)	30	100	520998	270@0	DFT_QPSK	26360.50	-33.69	-25	PASS
n41(2535-2655)	30	100	520998	1@0	DFT_QPSK	26286.55	-33.67	-25	PASS
n41(2535-2655)	30	100	520998	1@272	DFT_QPSK	26037.88	-33.39	-25	PASS

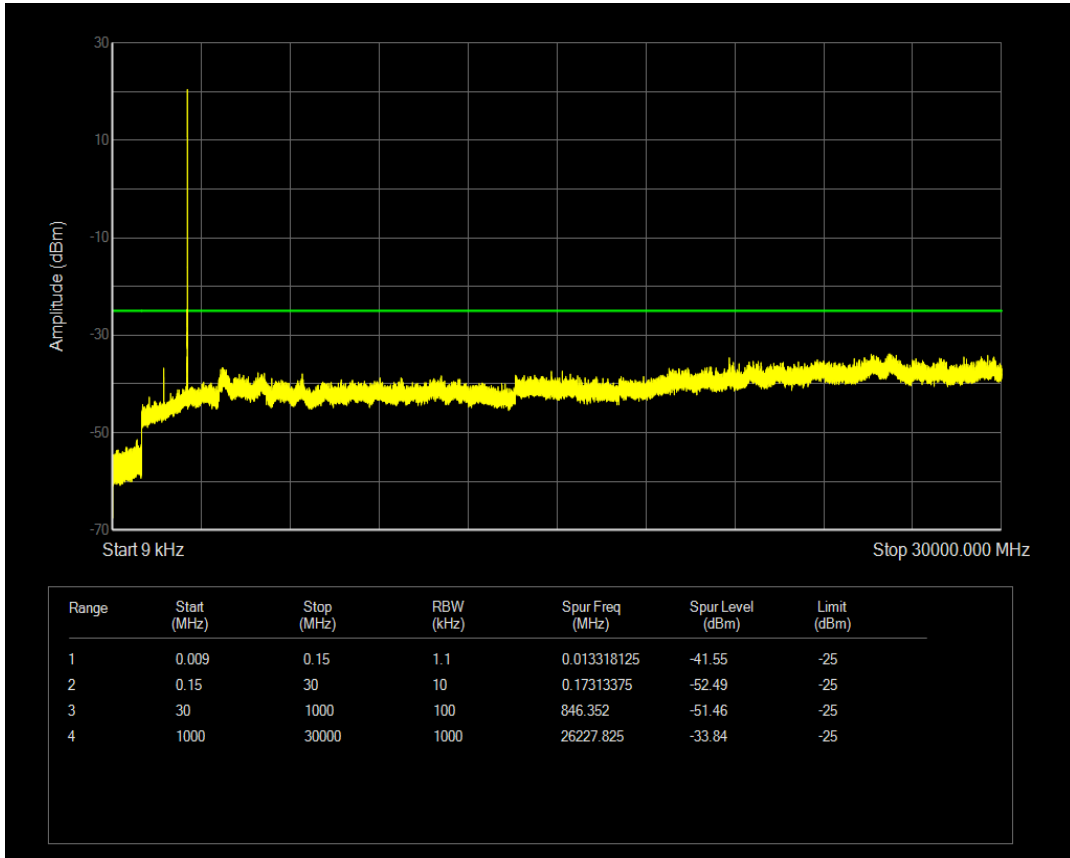
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=24@0



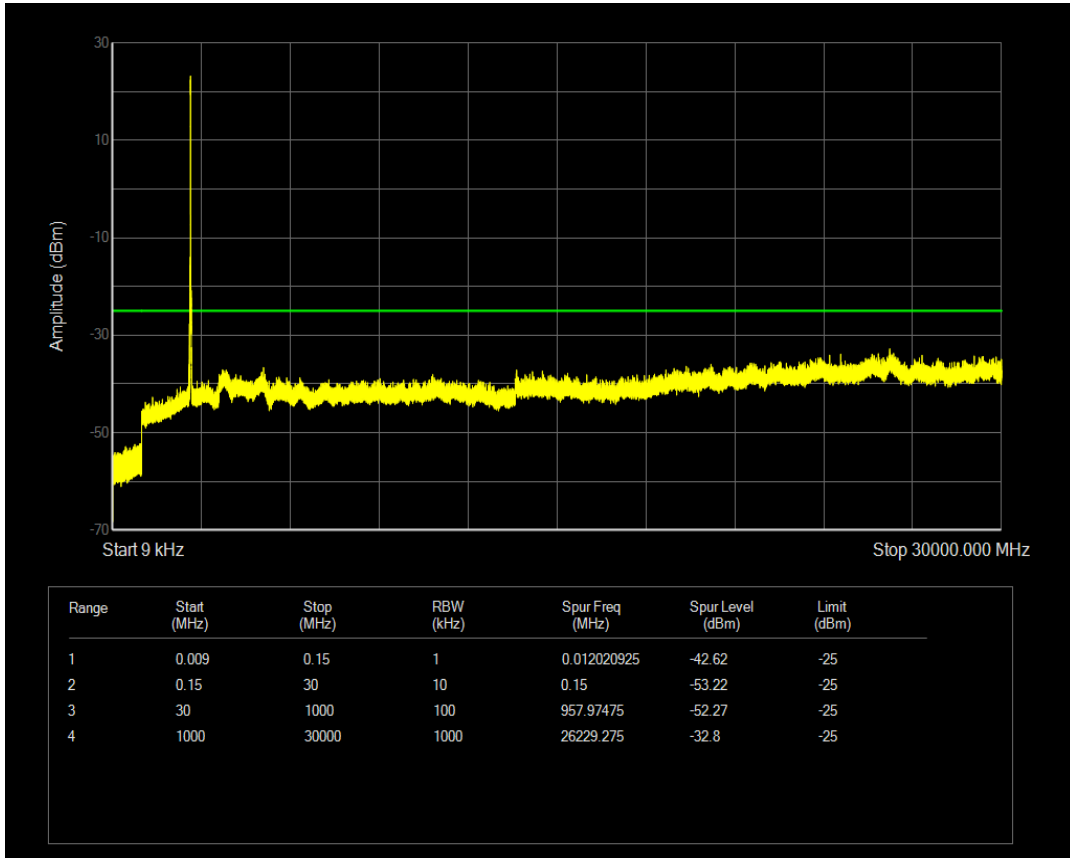
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1 @0



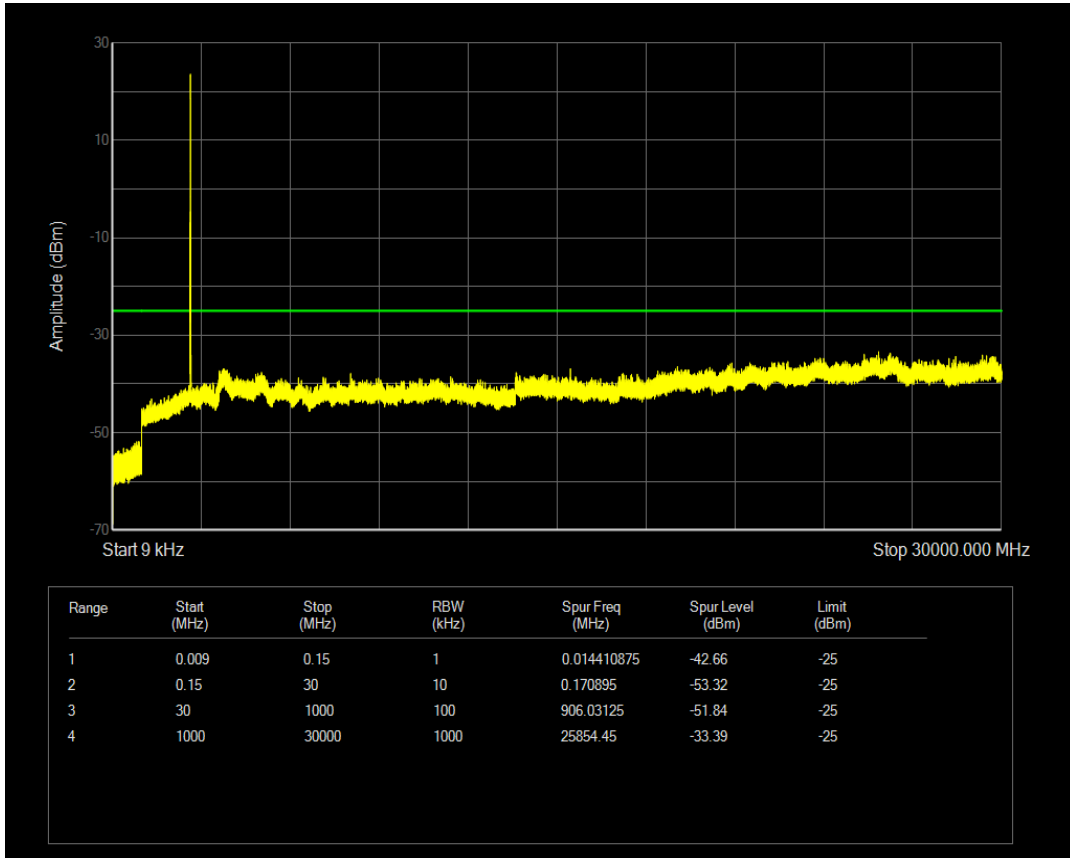
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@23



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=24@0

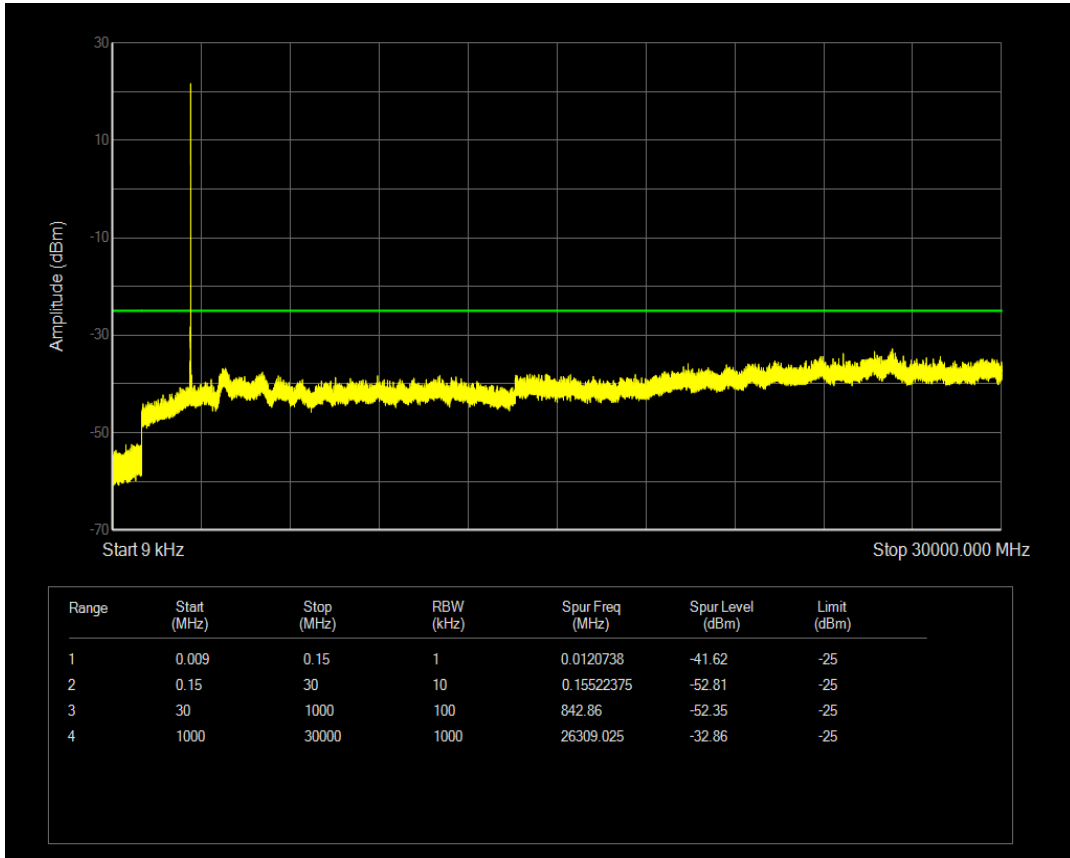


n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1 @0

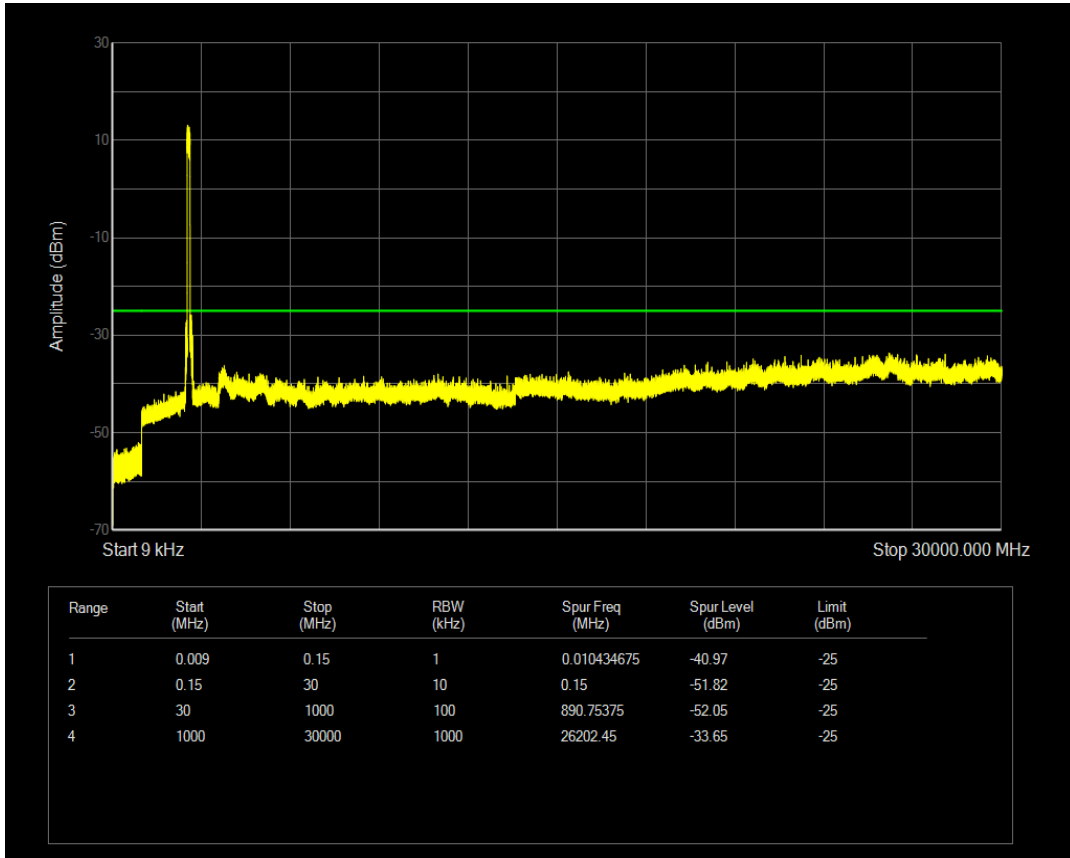


n41(2535-2655) SCS=30kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@23

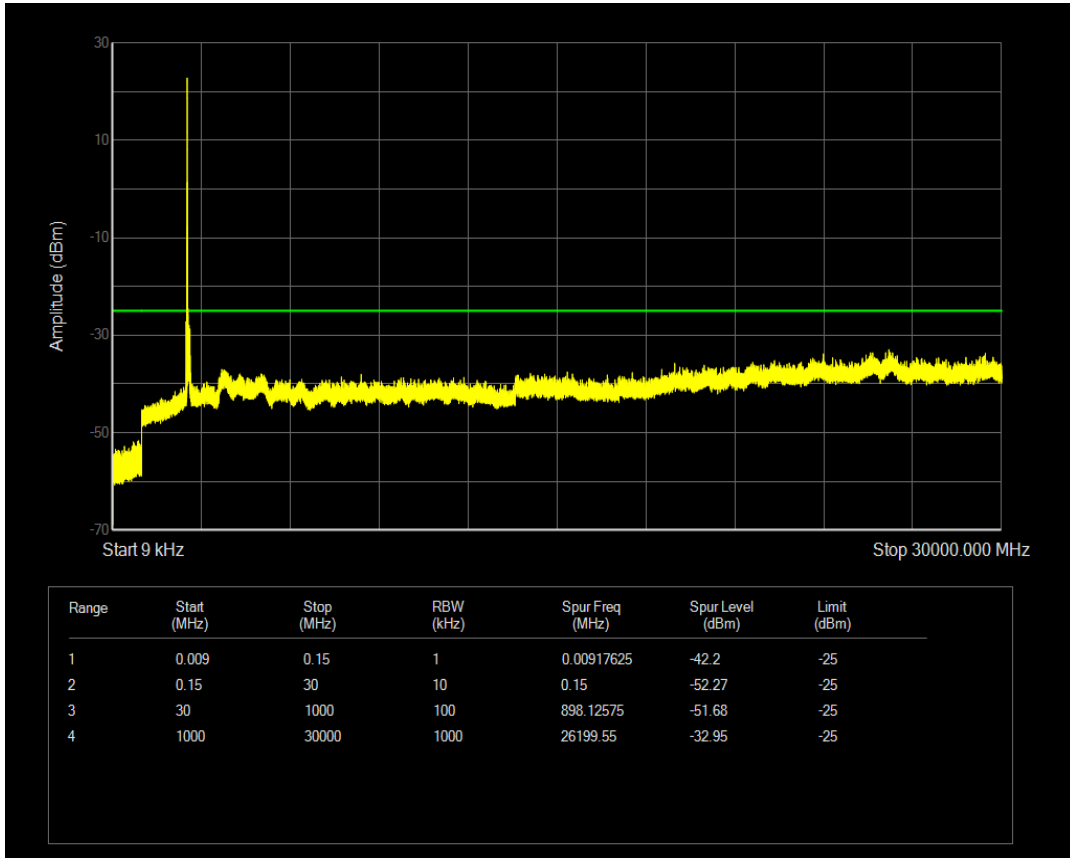




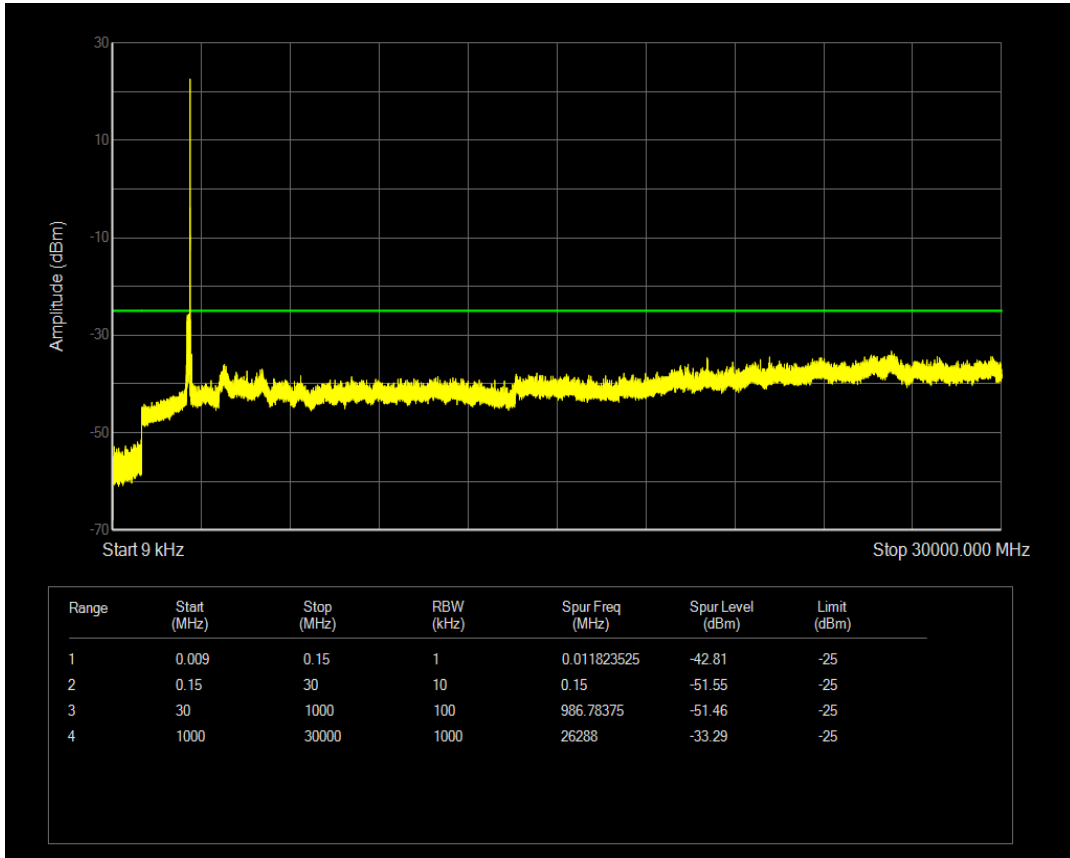
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=270@0



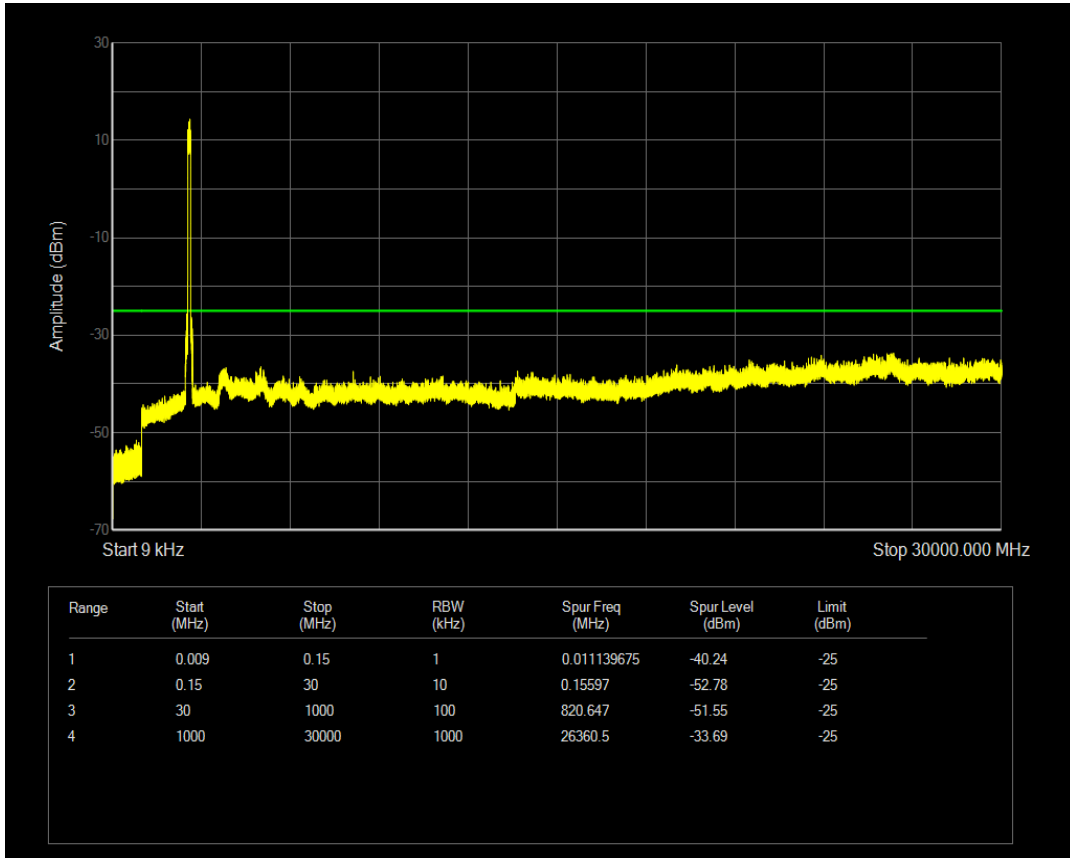
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@0



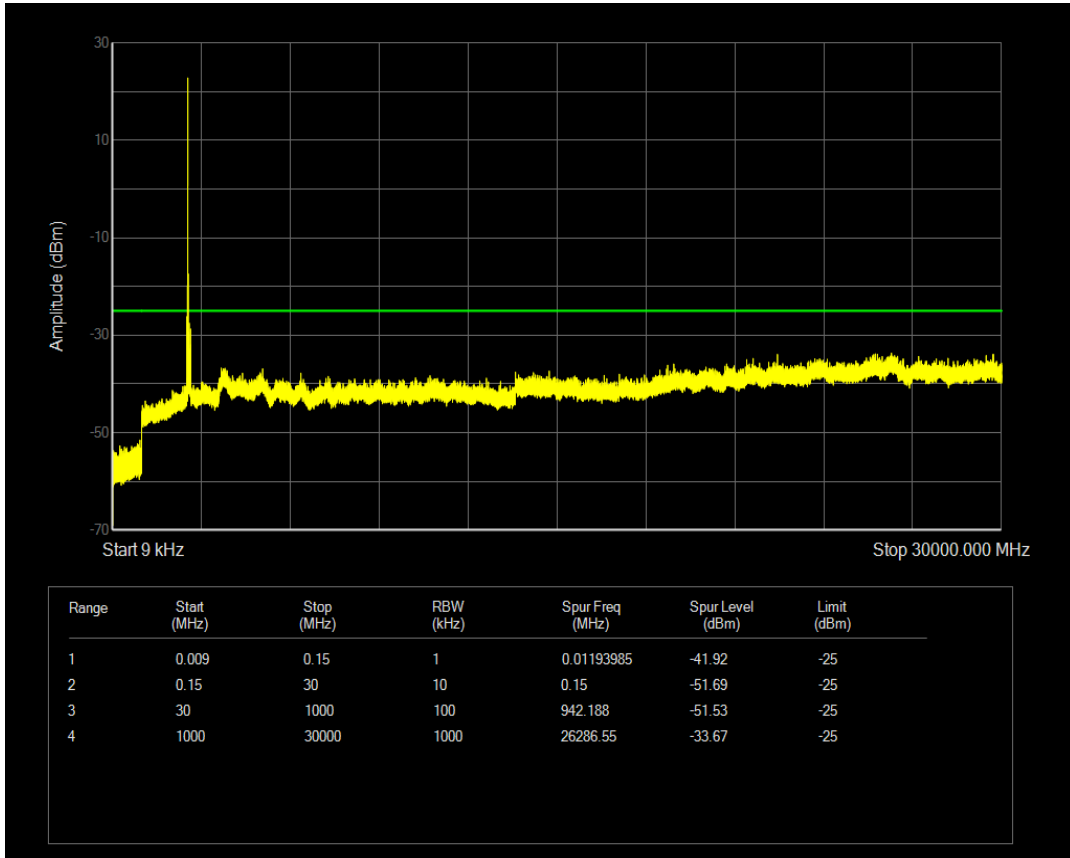
n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=517002 RB=1@272



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=270@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@0



n41(2535-2655) SCS=30kHz DFT\_QPSK BW=100MHz Channel=520998 RB=1@272

