

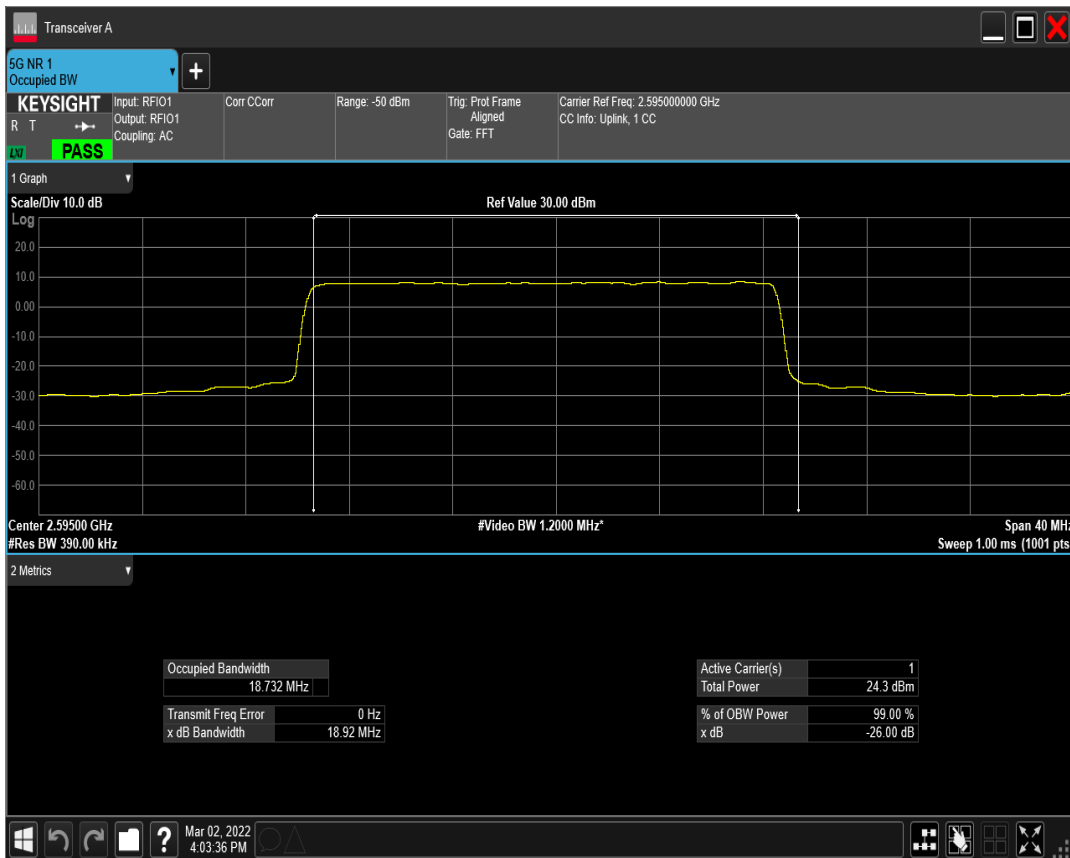
n41(2535-2655) SCS=15kHz CP\_QPSK BW=20MHz Channel=509004 RB=106@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=20MHz Channel=519000 RB=100@0



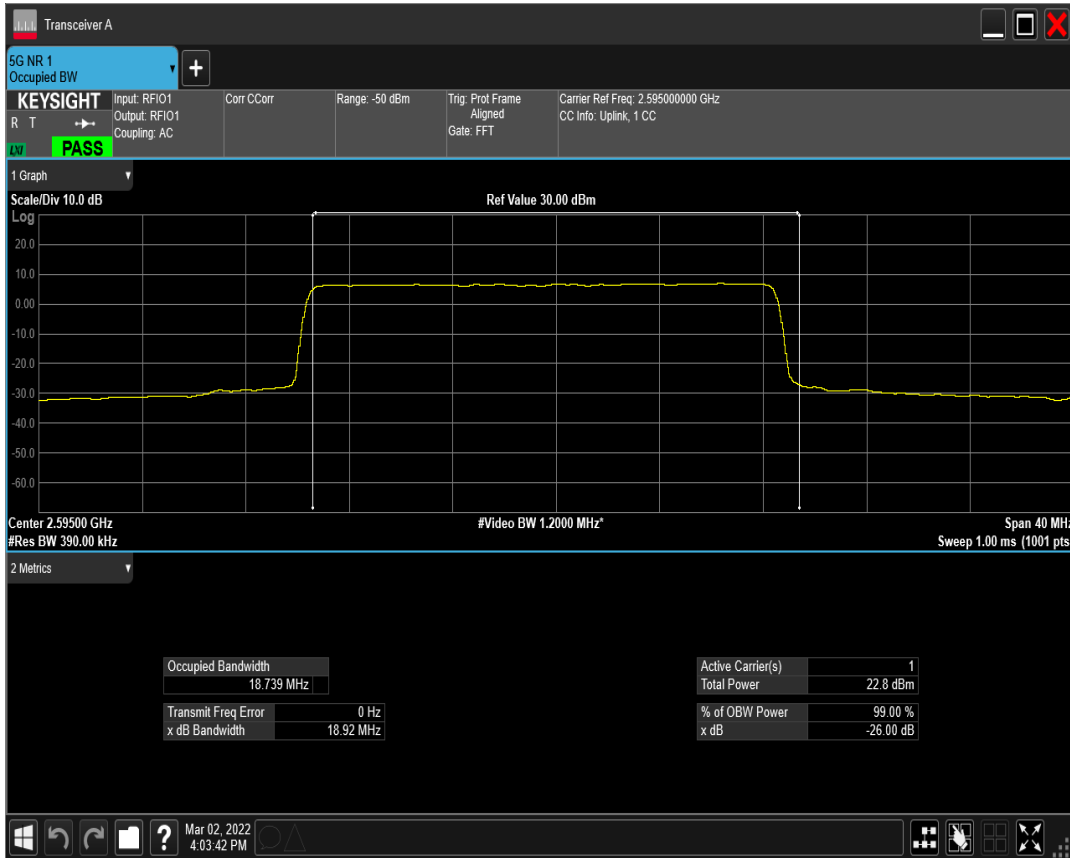
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=20MHz Channel=519000 RB=100@0



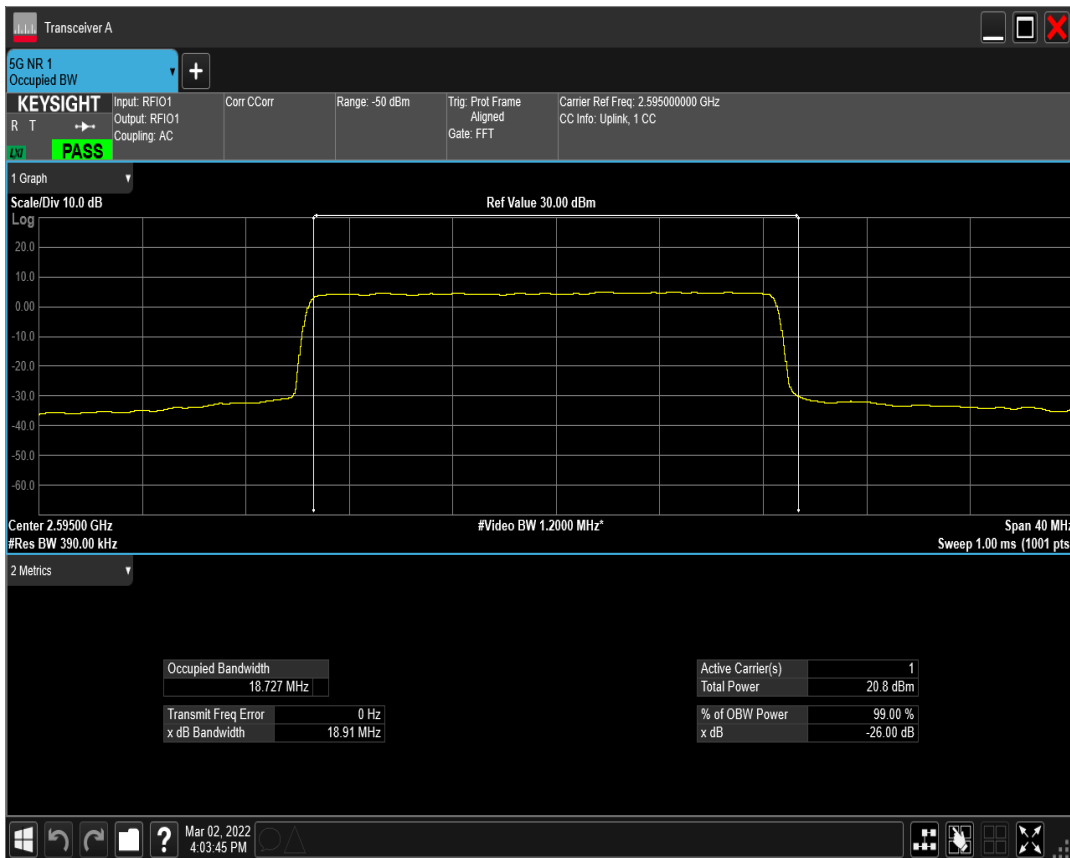
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=100@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=100@0



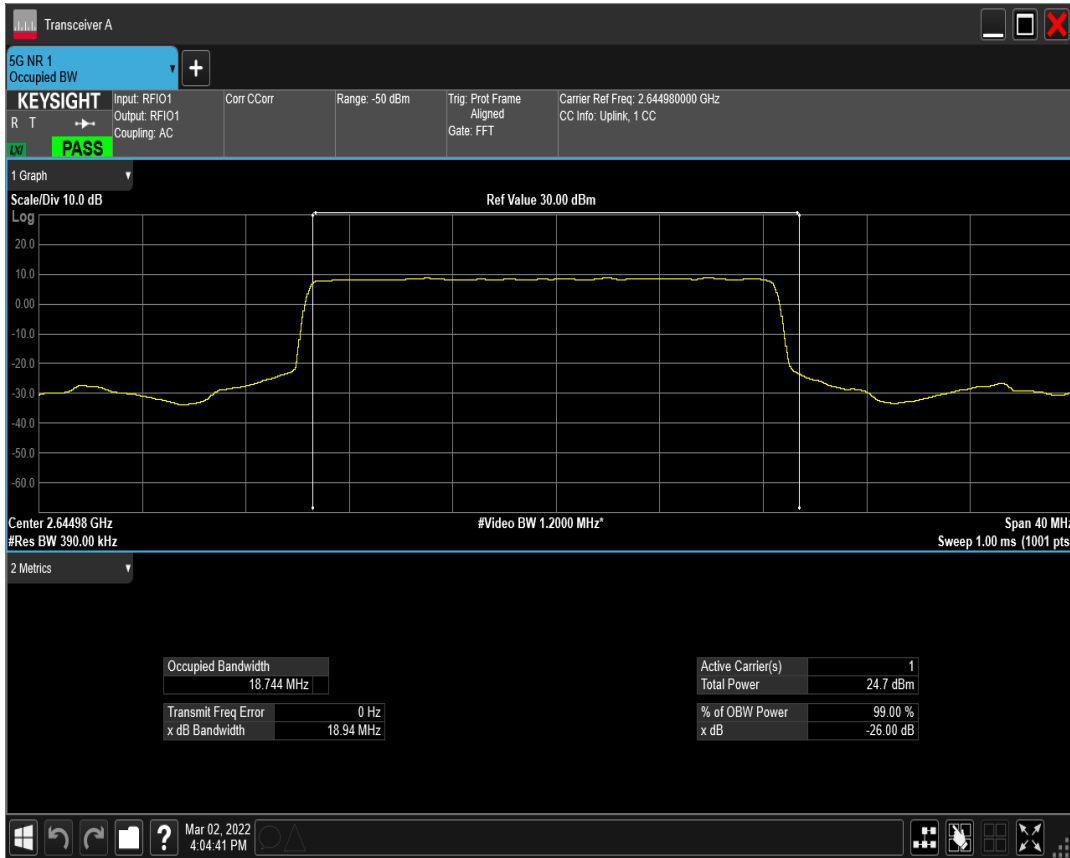
n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=100@0



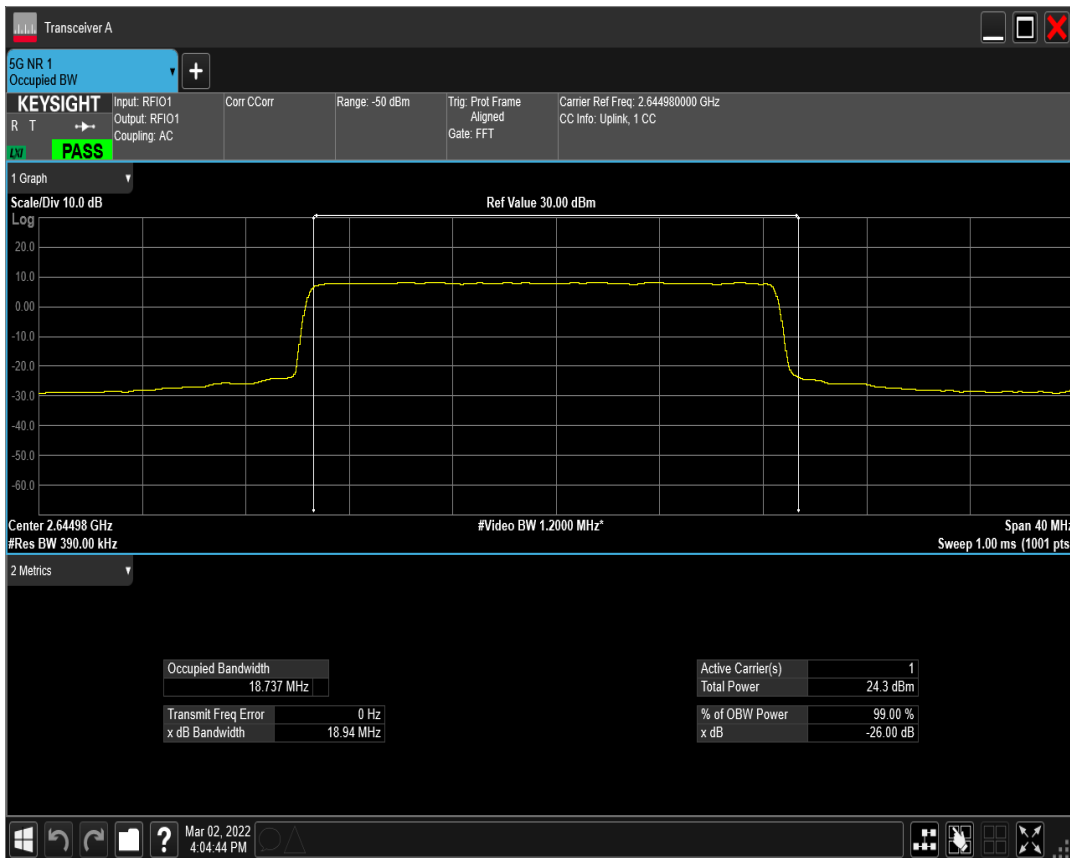
n41(2535-2655) SCS=15kHz CP\_QPSK BW=20MHz Channel=519000 RB=106@0



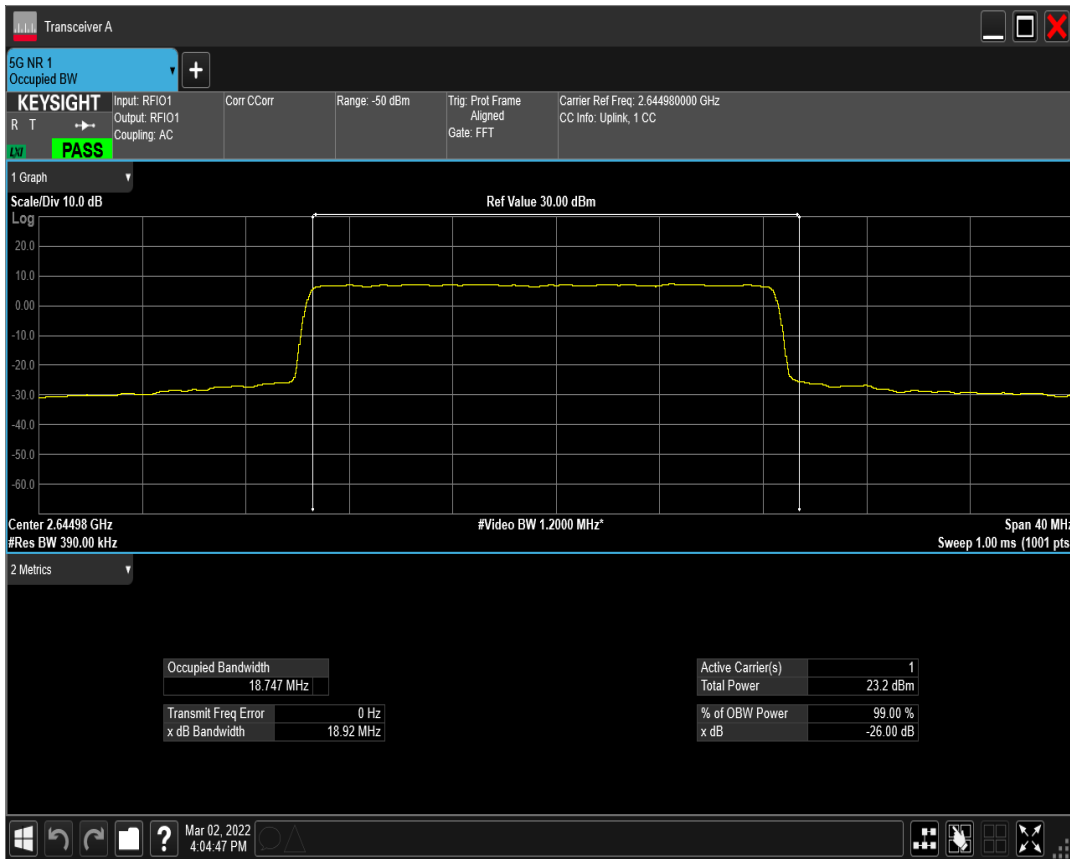
n41(2535-2655) SCS=15kHz DFT\_BPSK BW=20MHz Channel=528996 RB=100@0



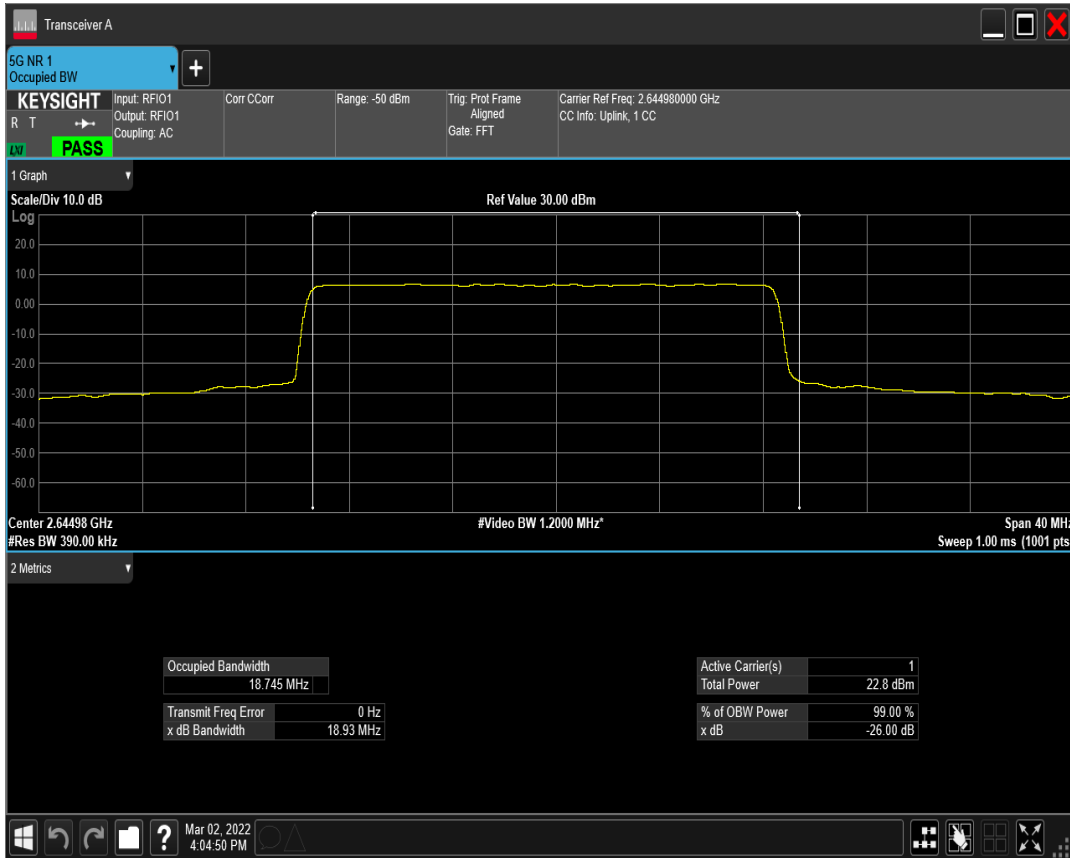
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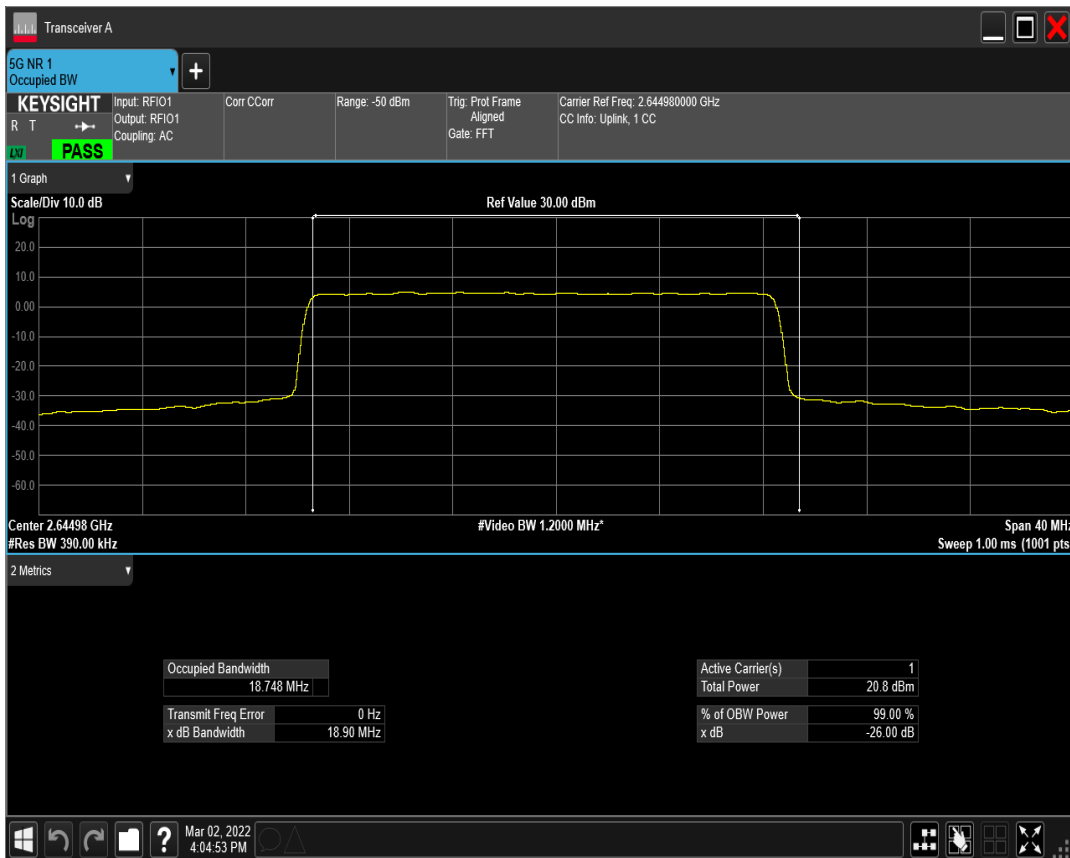
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=20MHz Channel=528996 RB=100@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=20MHz Channel=528996 RB=100@0

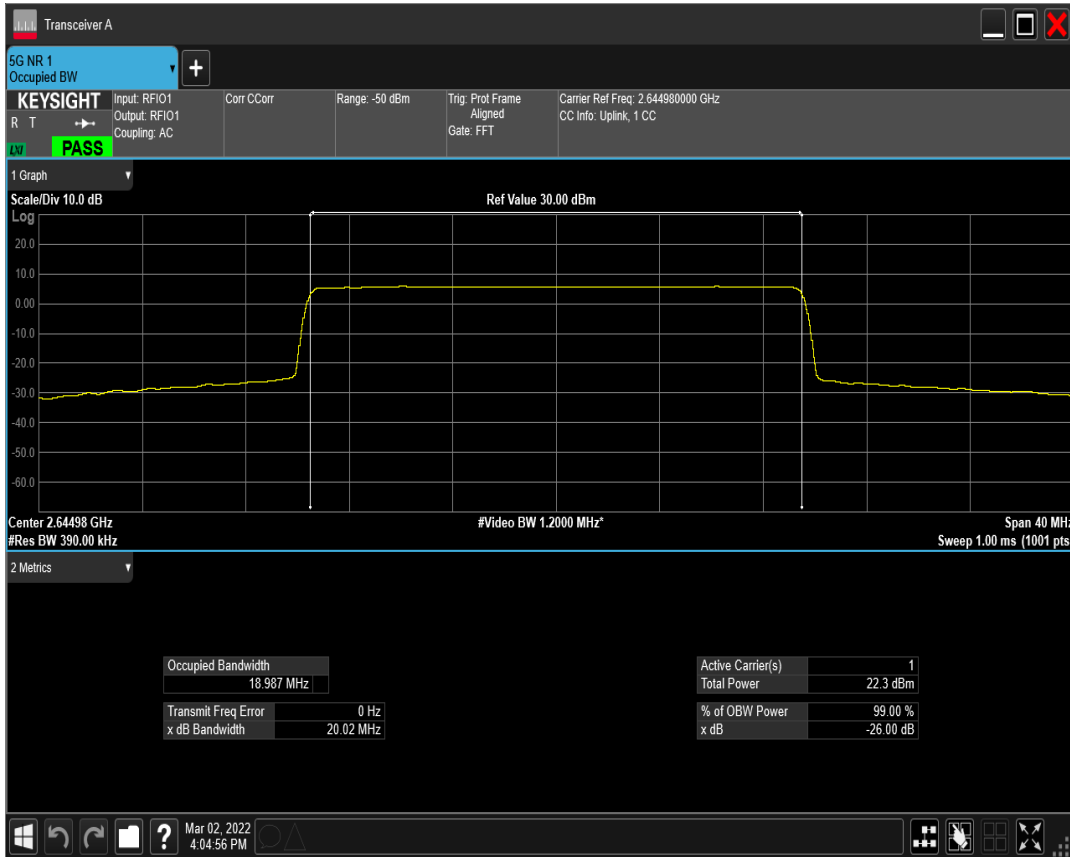


n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=20MHz Channel=528996 RB=100@0

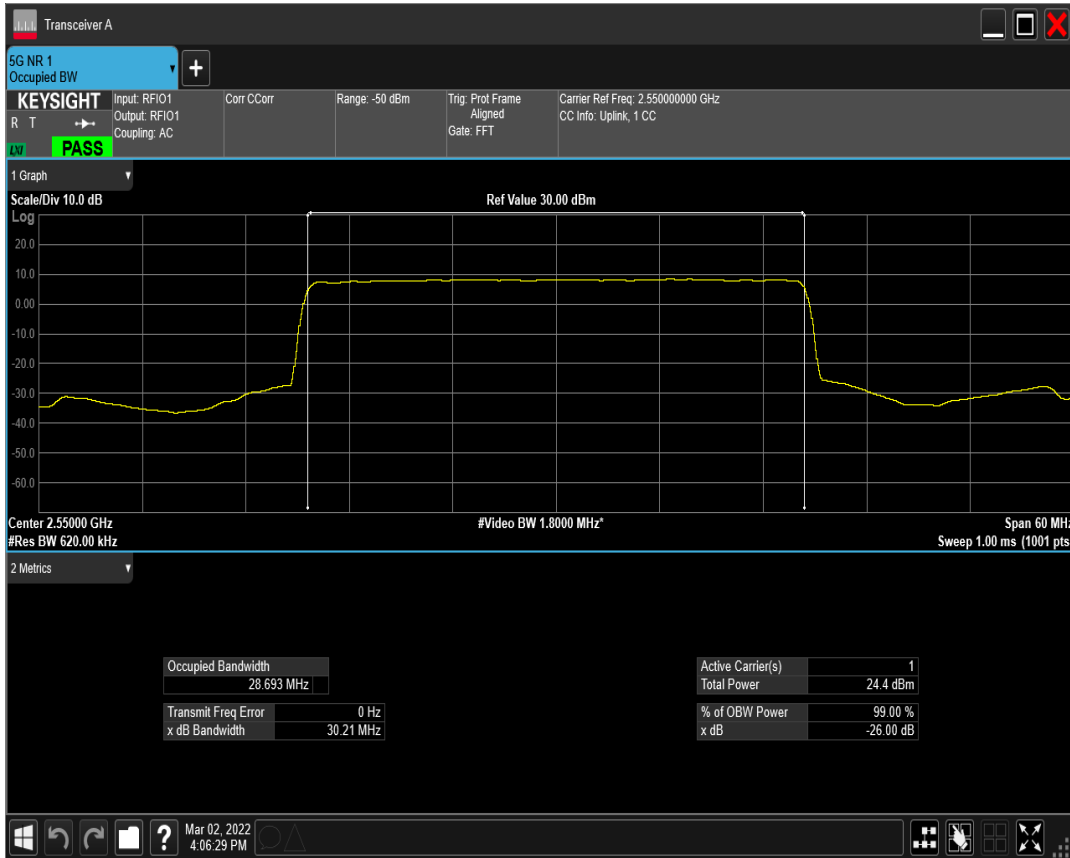




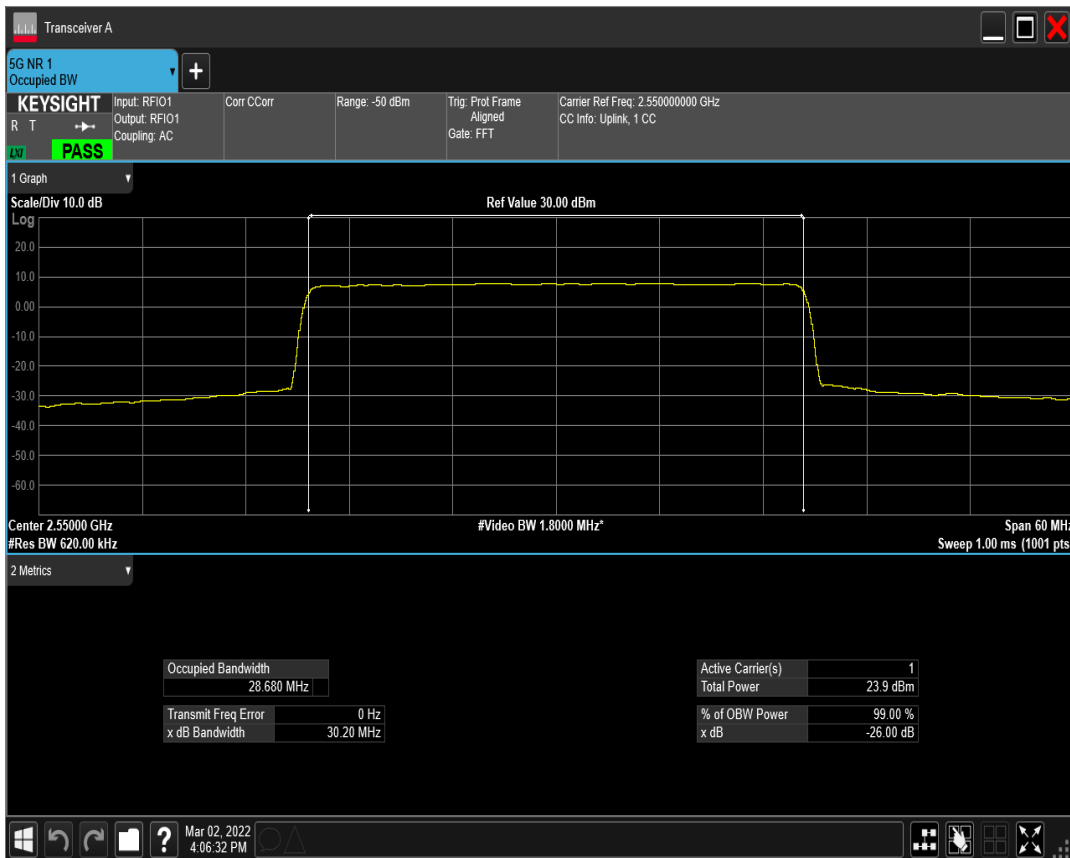
n41(2535-2655) SCS=15kHz CP\_QPSK BW=20MHz Channel=528996 RB=106@0



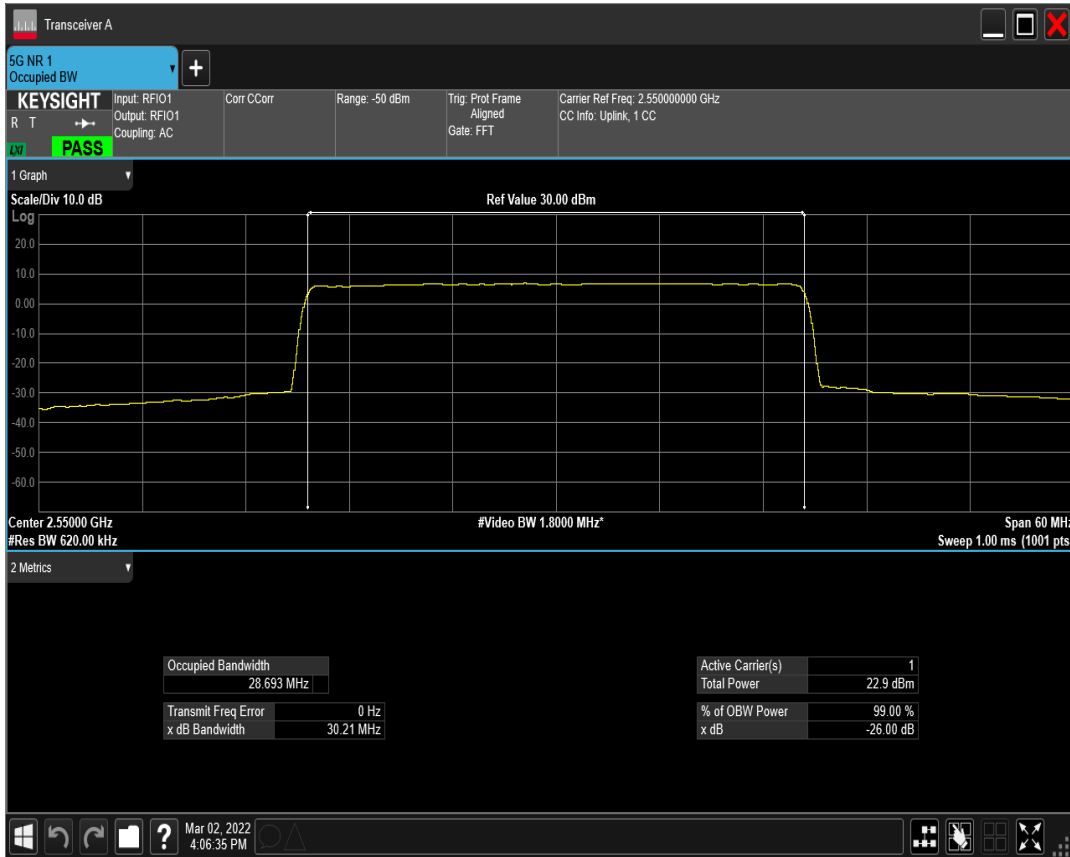
n41(2535-2655) SCS=15kHz DFT\_BPSK BW=30MHz Channel=509004 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=30MHz Channel=509004 RB=160@0



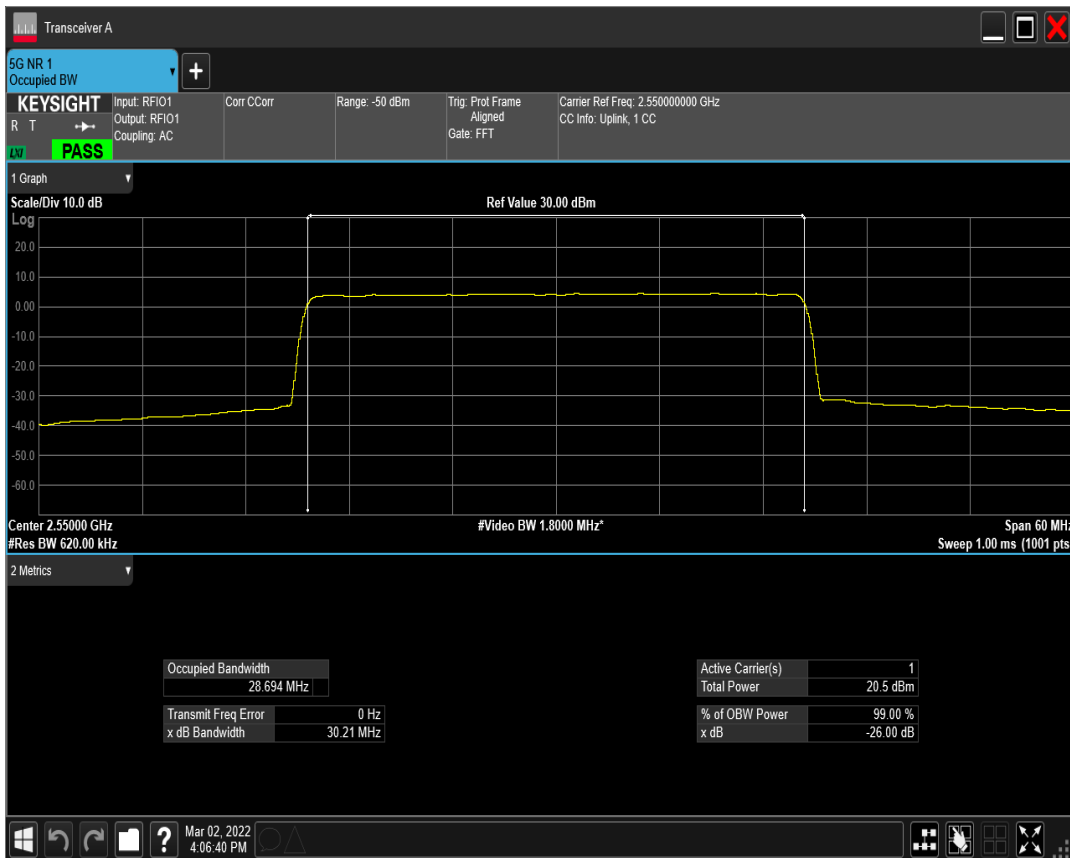
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=509004 RB=160@0



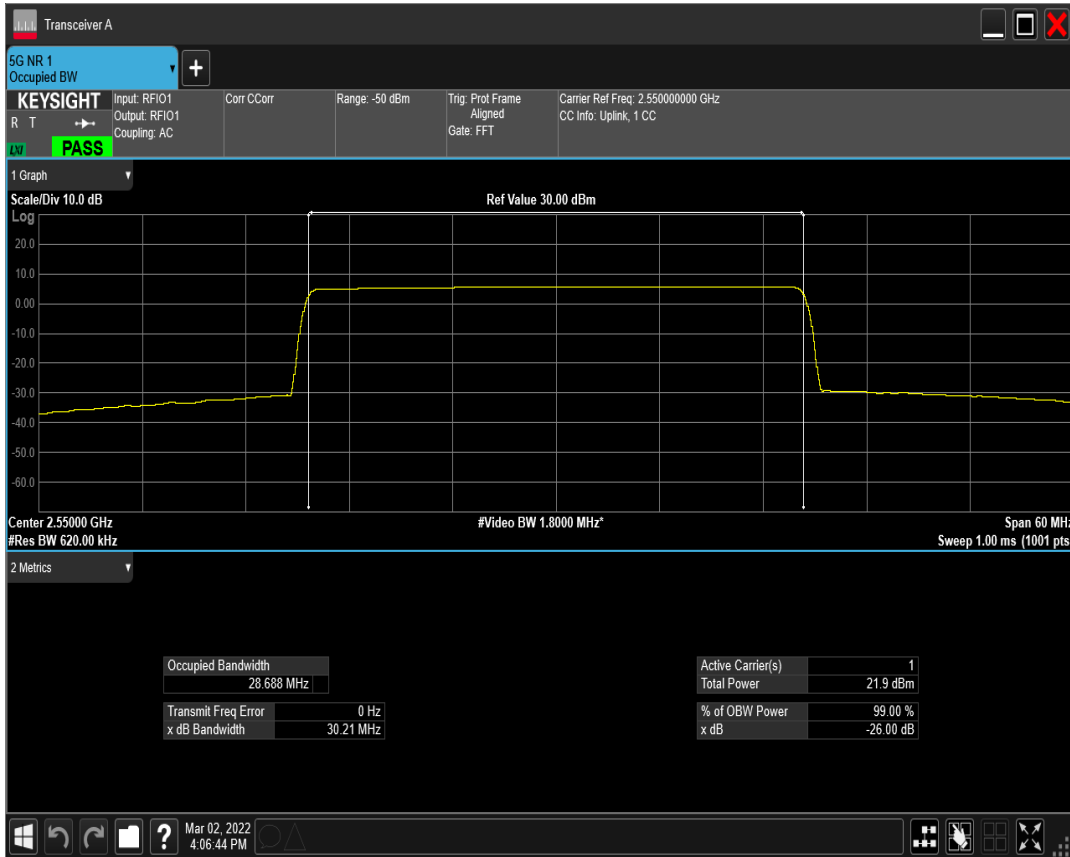
n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=509004 RB=160@0



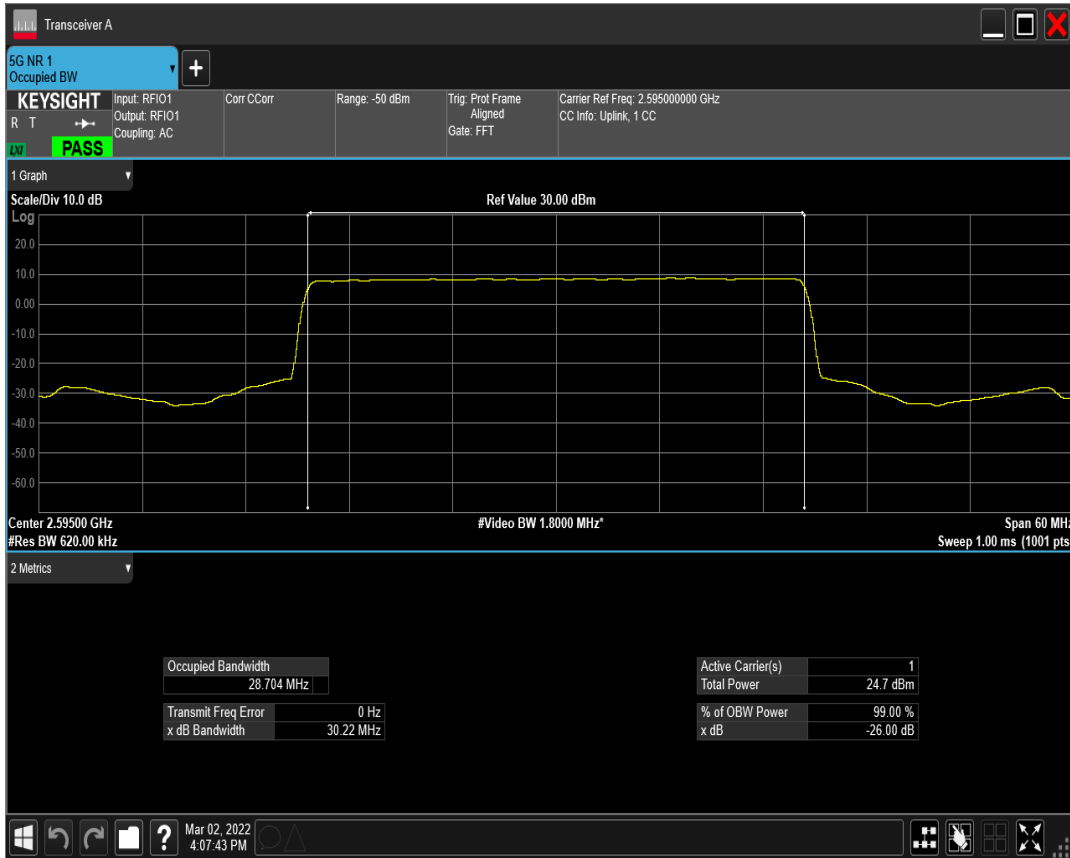
n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=509004 RB=160@0



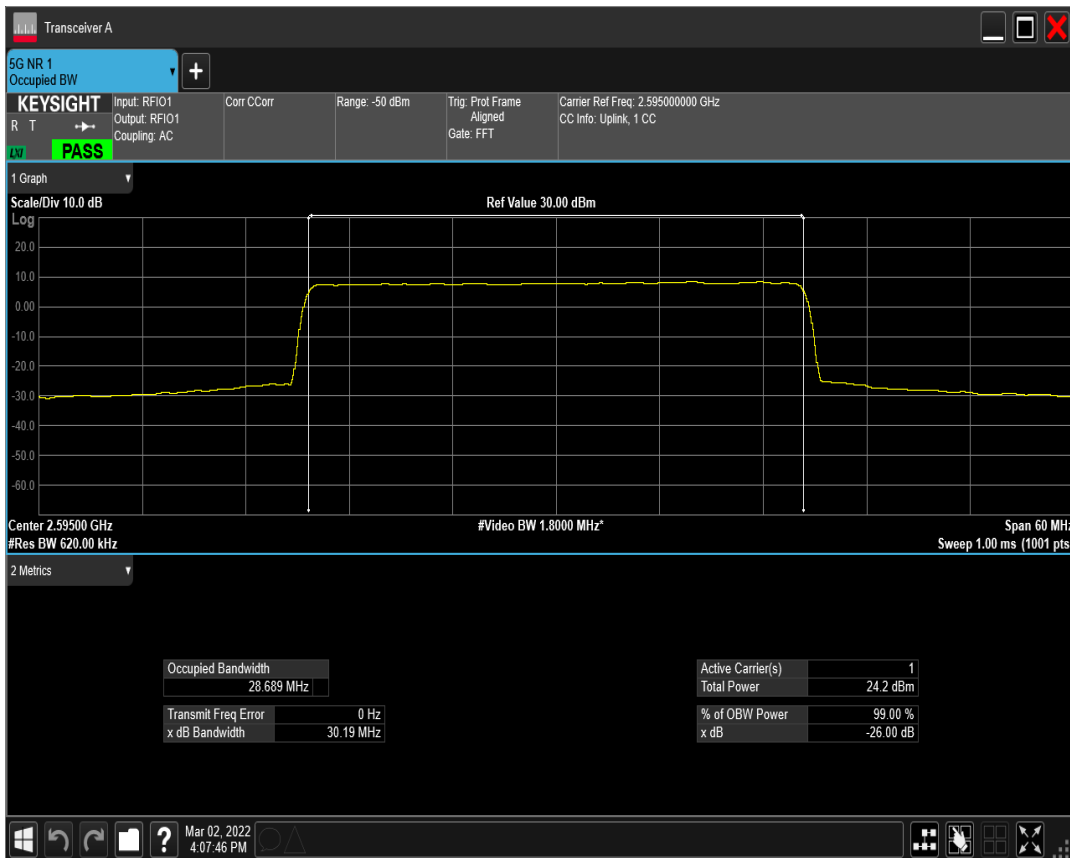
n41(2535-2655) SCS=15kHz CP\_QPSK BW=30MHz Channel=509004 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=30MHz Channel=519000 RB=160@0



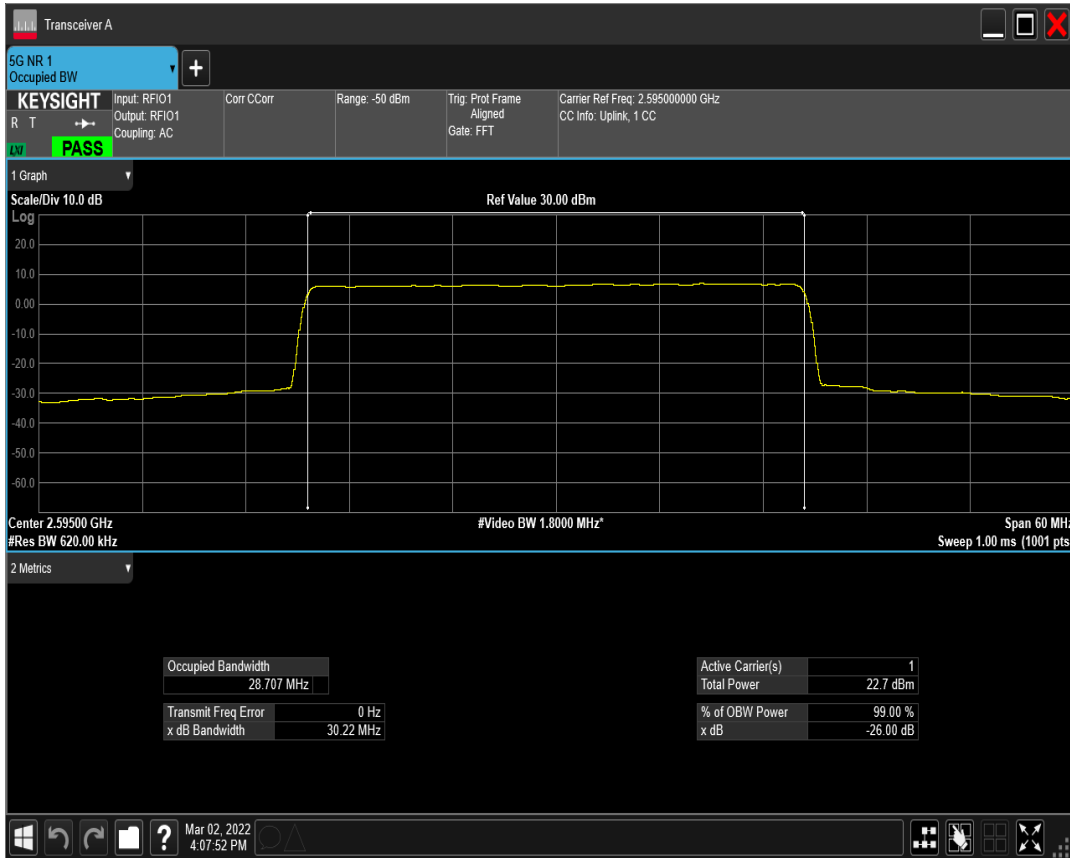
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=30MHz Channel=519000 RB=160@0



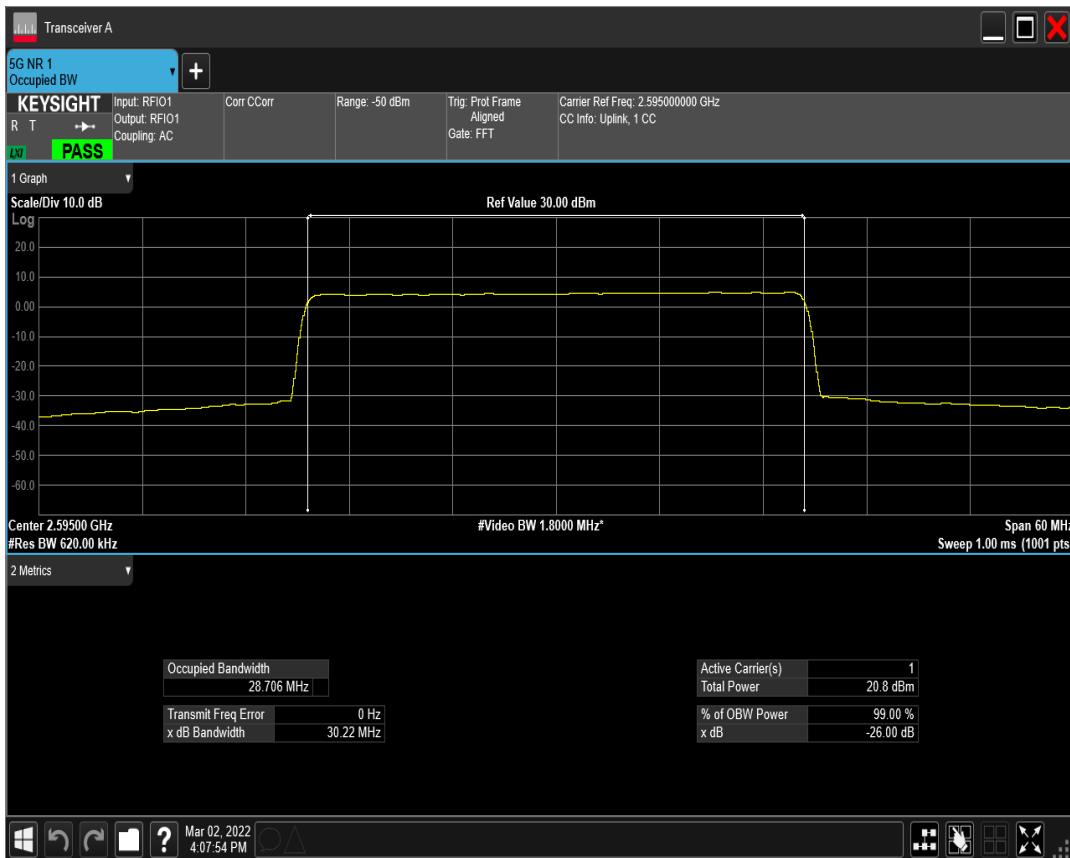
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=519000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=519000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=519000 RB=160@0

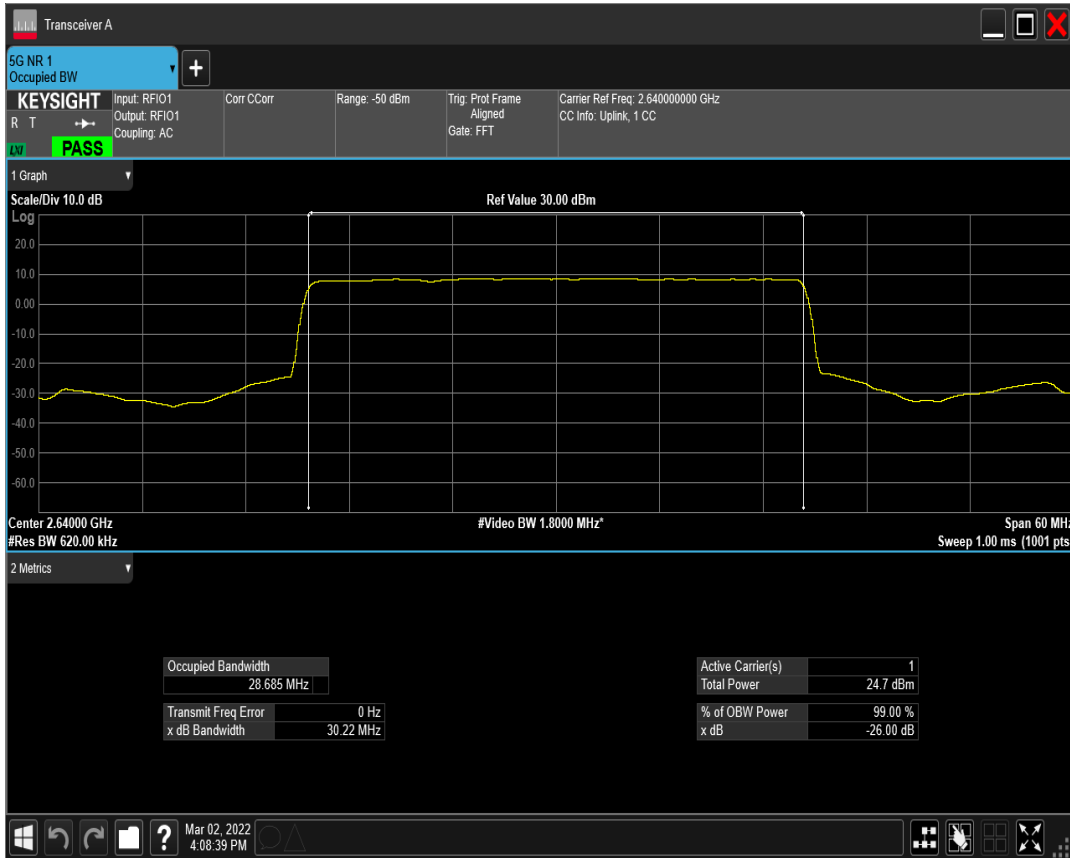




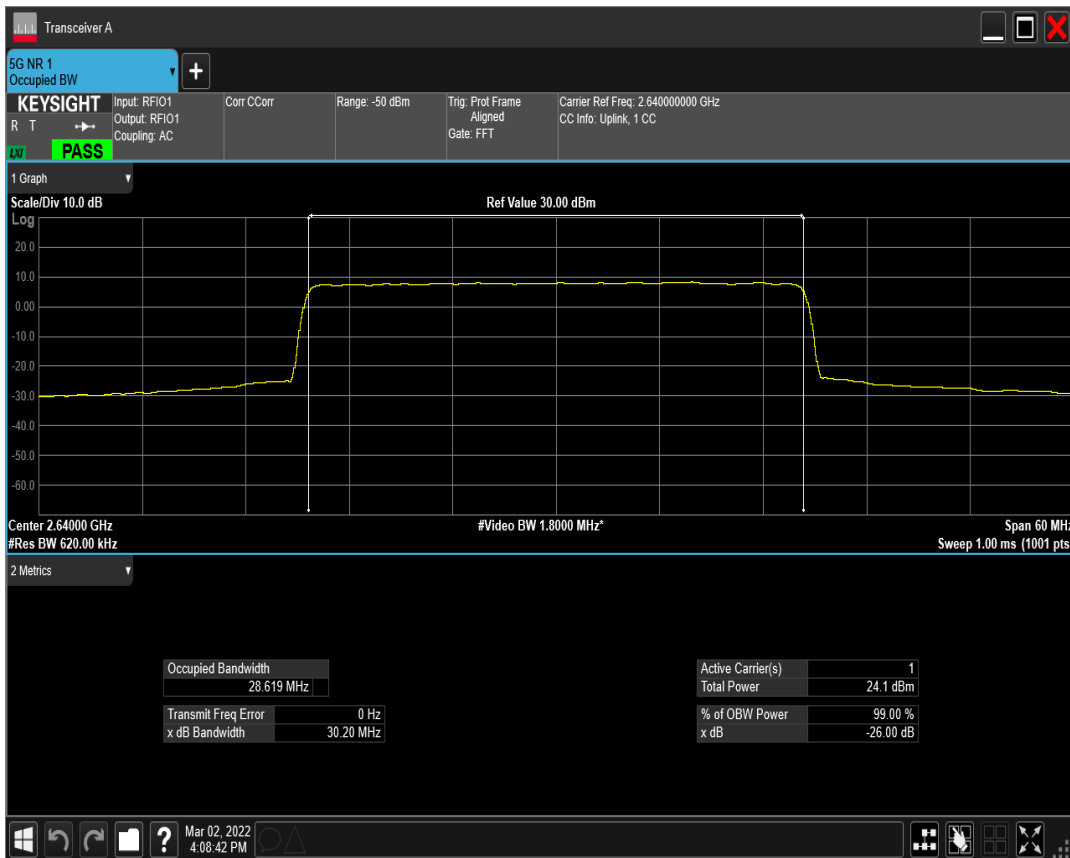
n41(2535-2655) SCS=15kHz CP\_QPSK BW=30MHz Channel=519000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=30MHz Channel=528000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=30MHz Channel=528000 RB=160@0



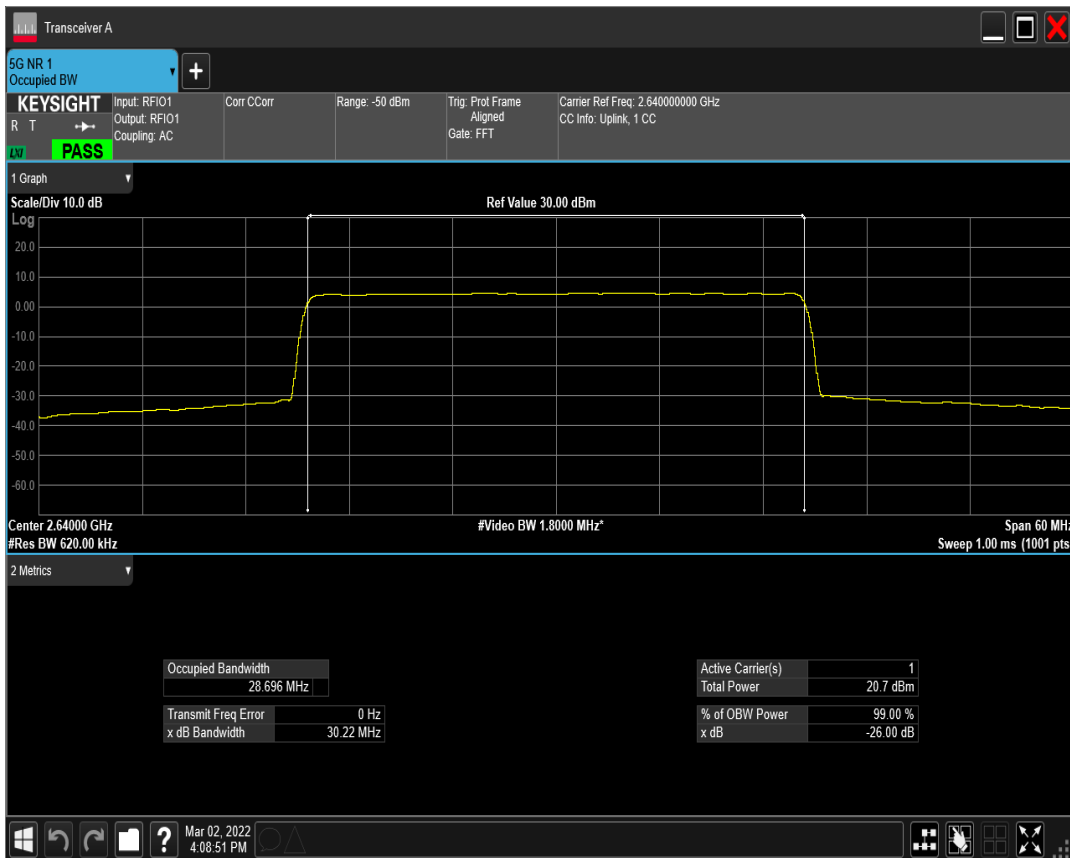
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=30MHz Channel=528000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=30MHz Channel=528000 RB=160@0



n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=30MHz Channel=528000 RB=160@0



n41(2535-2655) SCS=15kHz CP\_QPSK BW=30MHz Channel=528000 RB=160@0



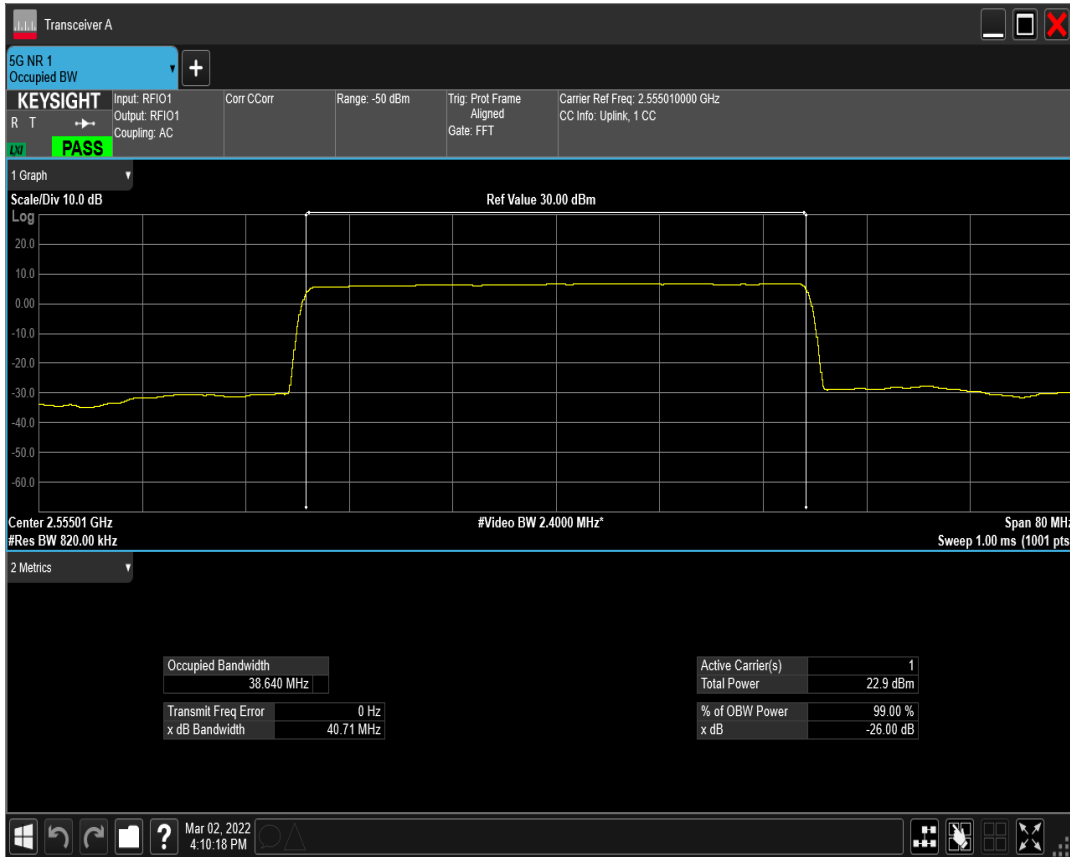
n41(2535-2655) SCS=15kHz DFT\_BPSK BW=40MHz Channel=511002 RB=216@0



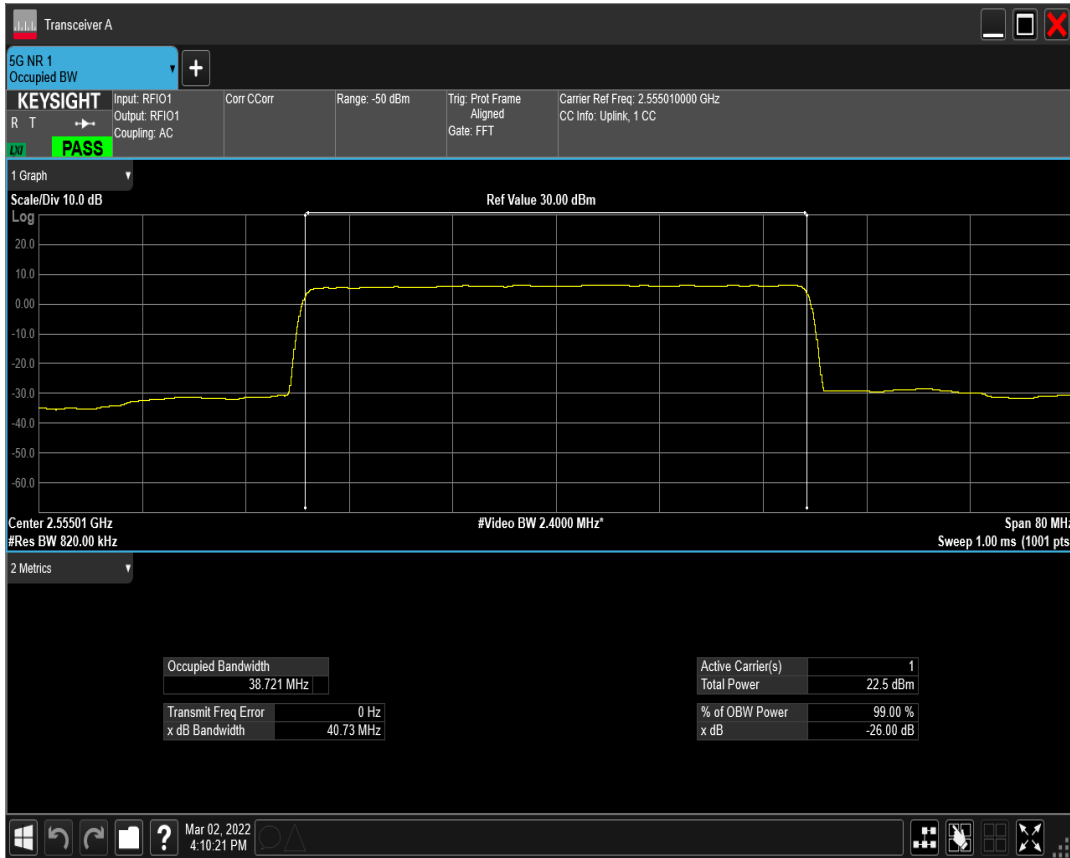
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=40MHz Channel=511002 RB=216@0



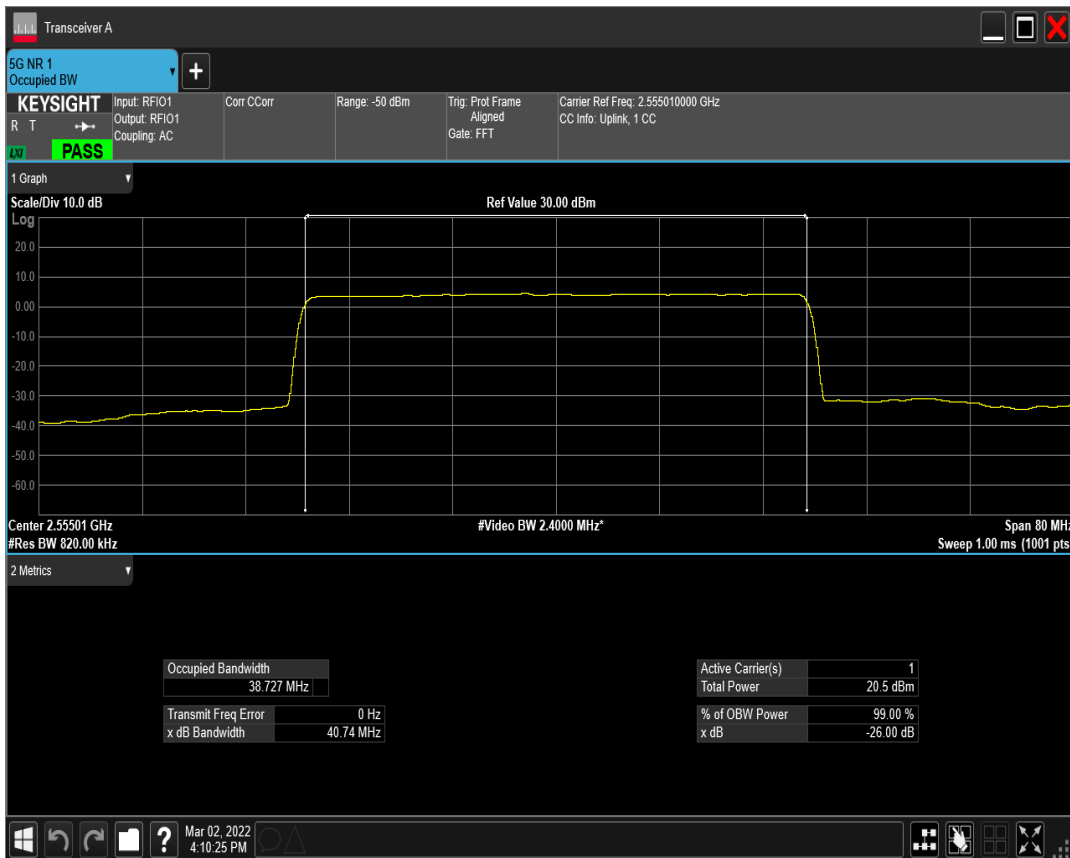
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=511002 RB=216@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=511002 RB=216@0

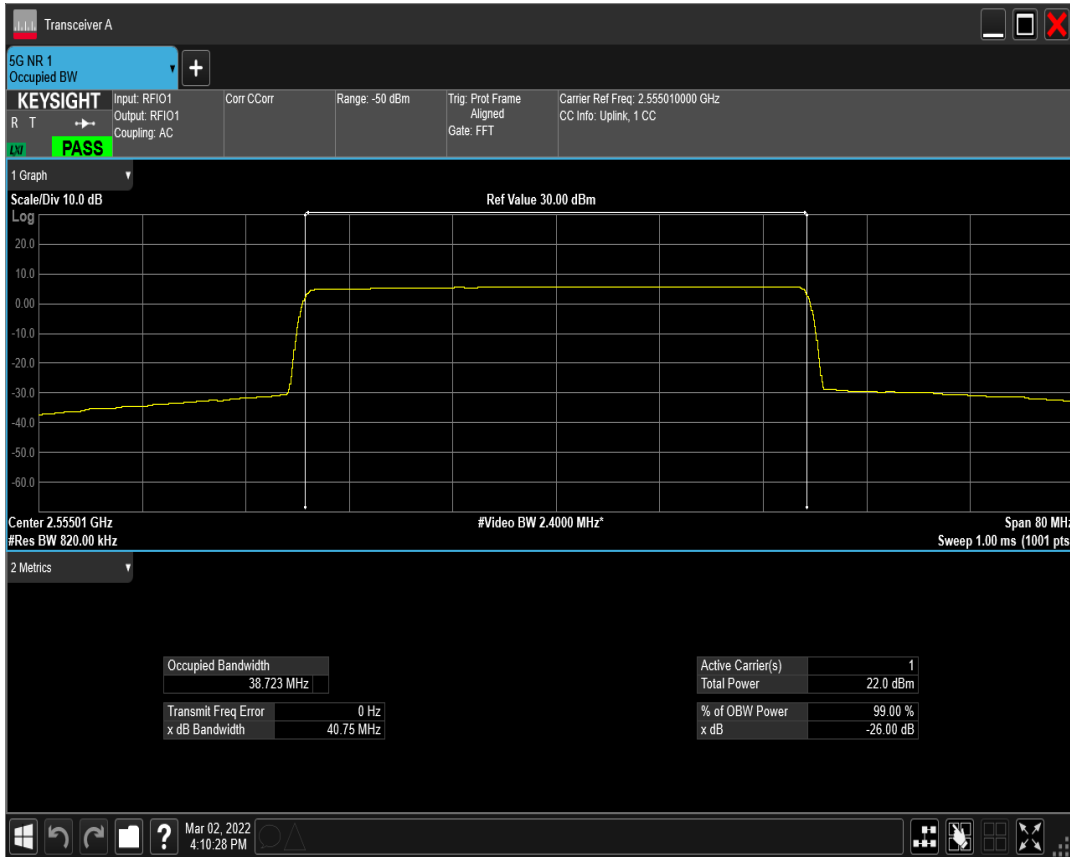


n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=511002 RB=216@0





n41(2535-2655) SCS=15kHz CP\_QPSK BW=40MHz Channel=511002 RB=216@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=40MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=40MHz Channel=519000 RB=216@0



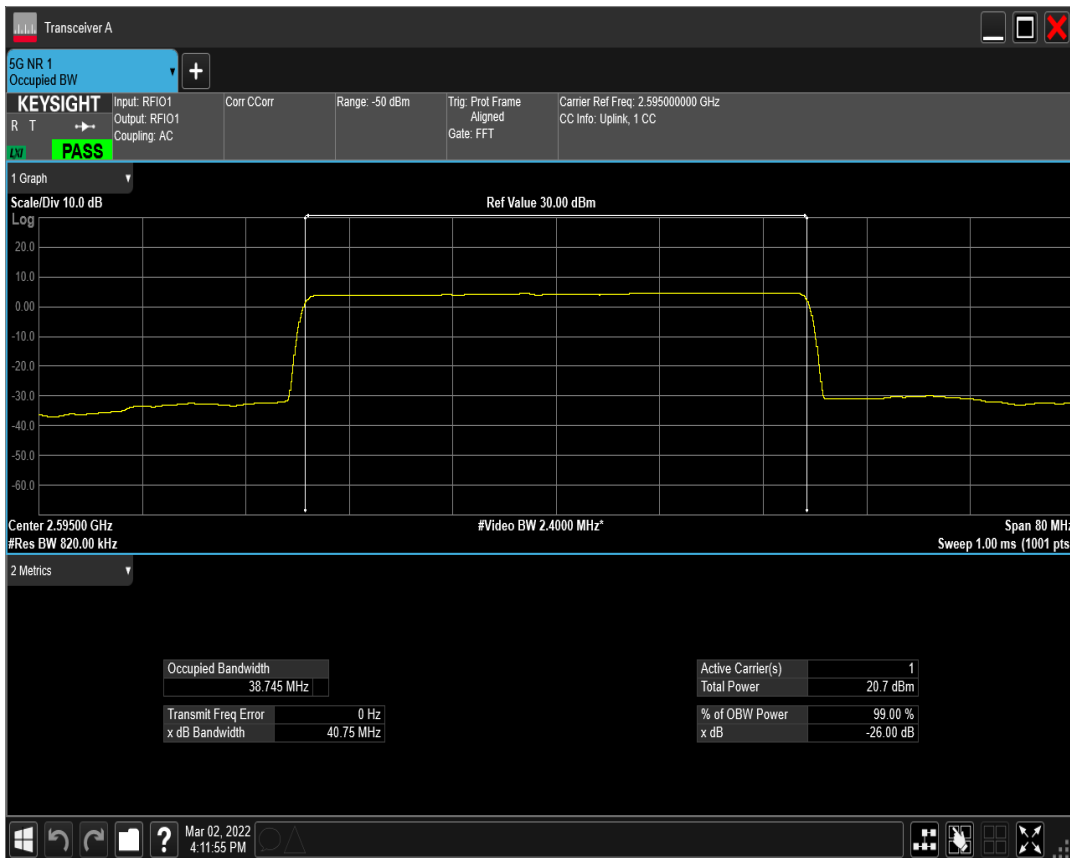
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=216@0



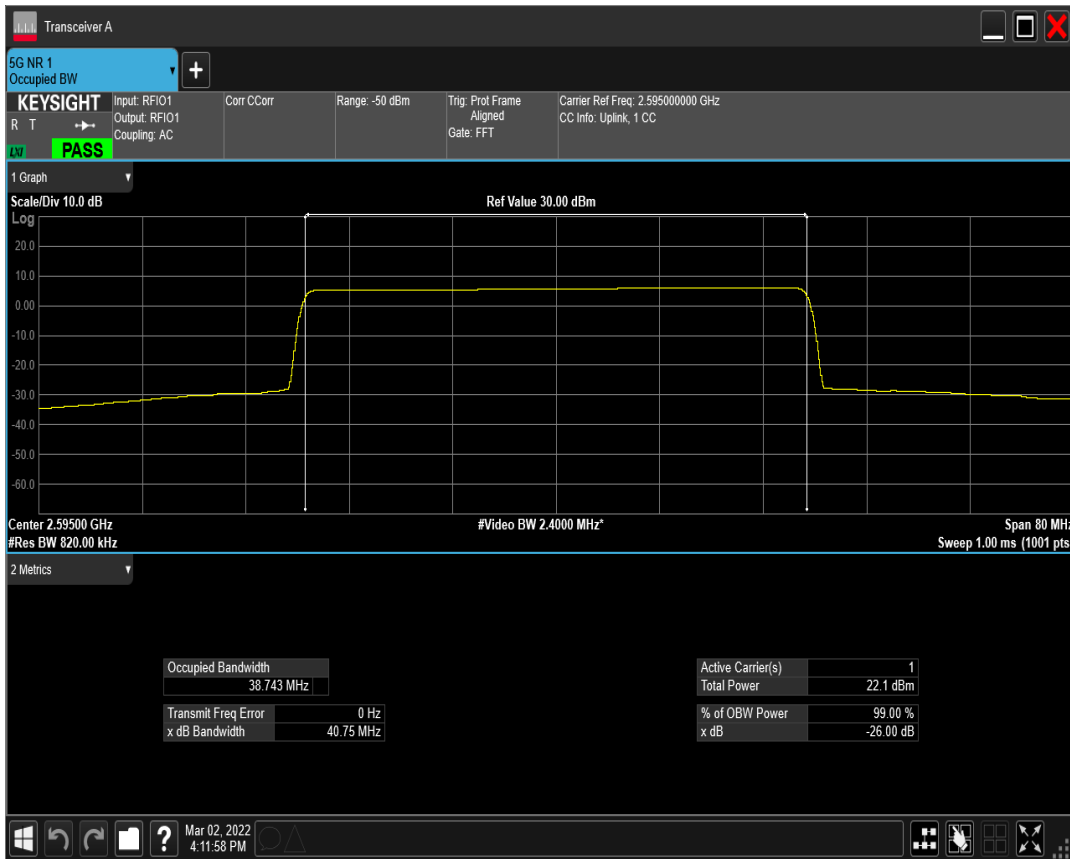
n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=216@0



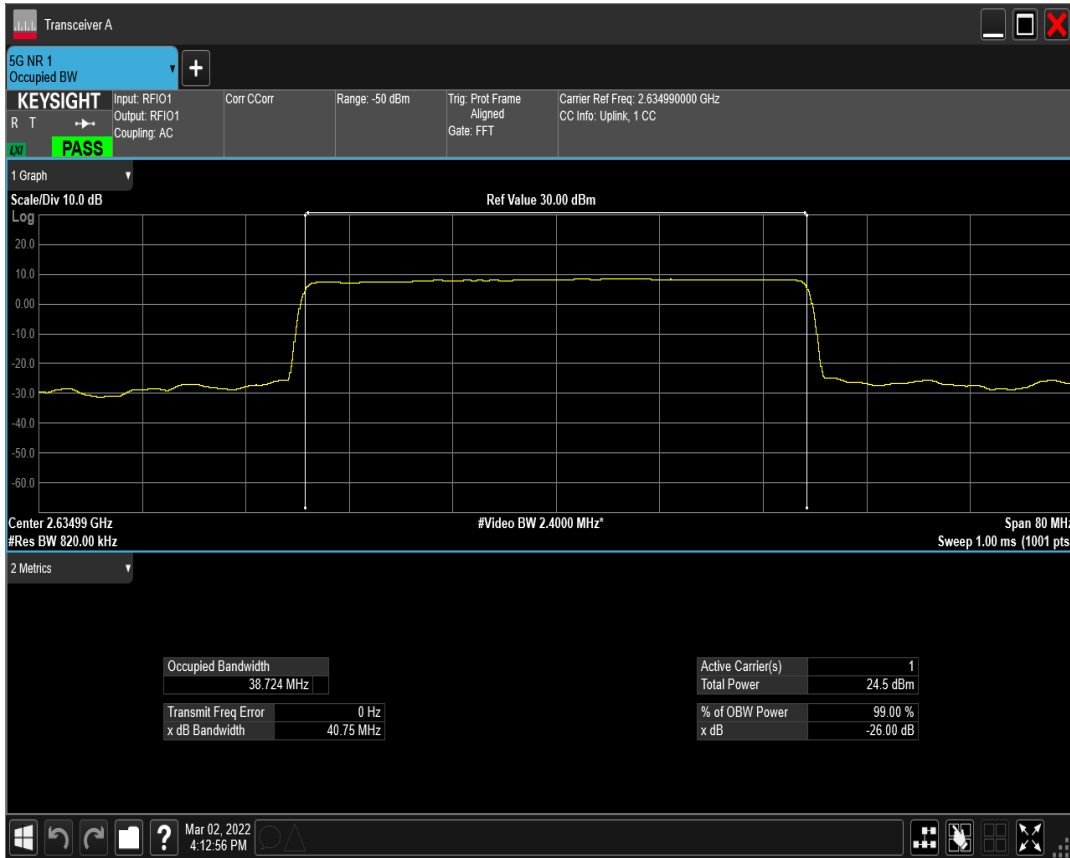
n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=216@0



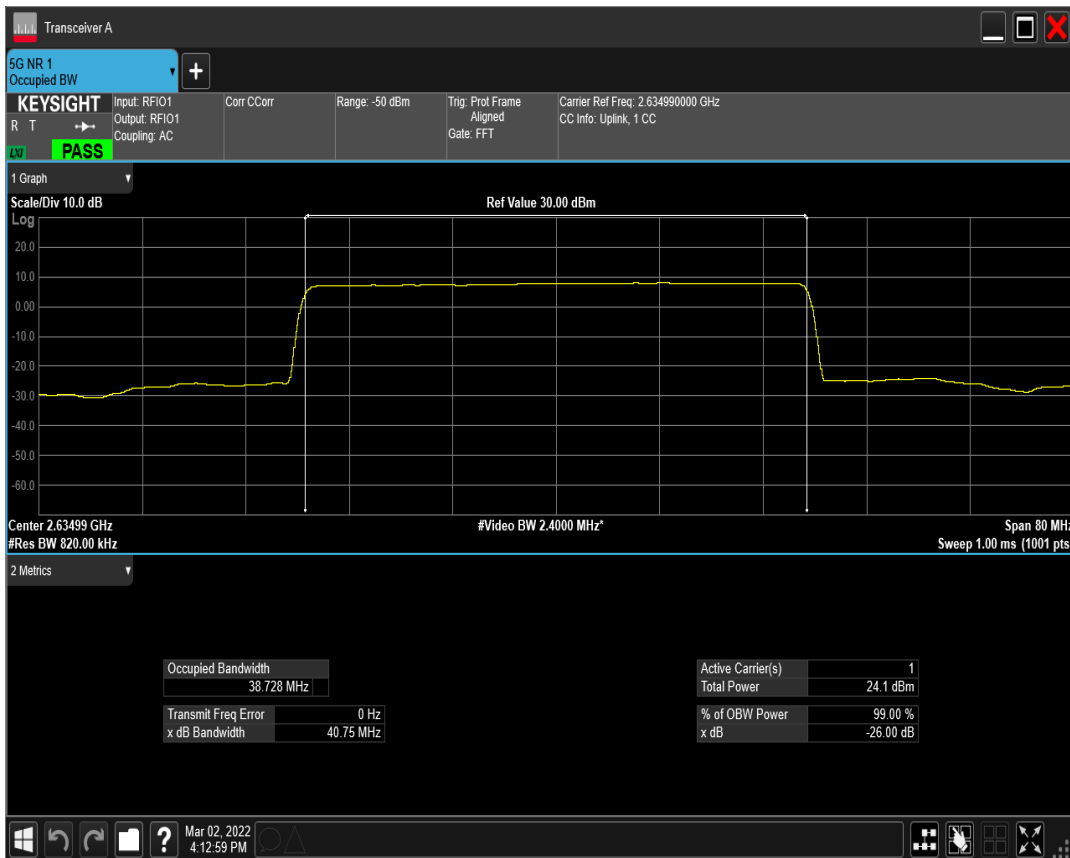
n41(2535-2655) SCS=15kHz CP\_QPSK BW=40MHz Channel=519000 RB=216@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=40MHz Channel=526998 RB=216@0



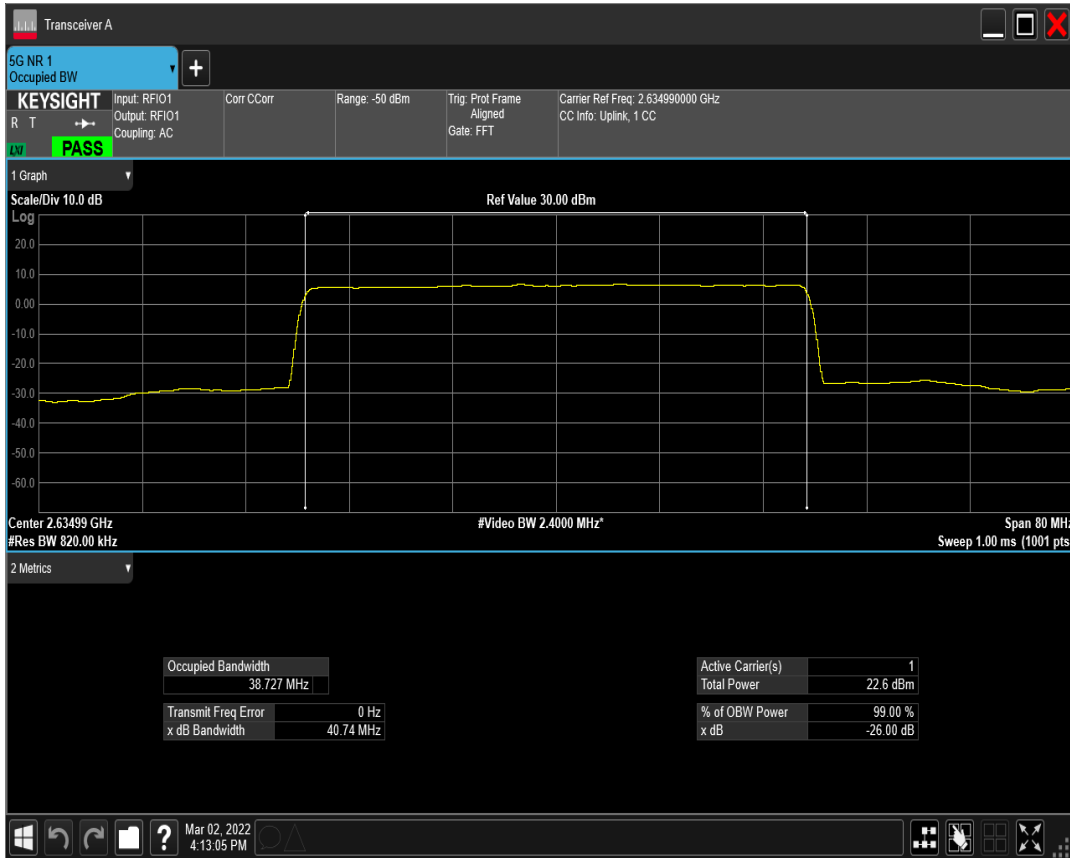
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=40MHz Channel=526998 RB=216@0



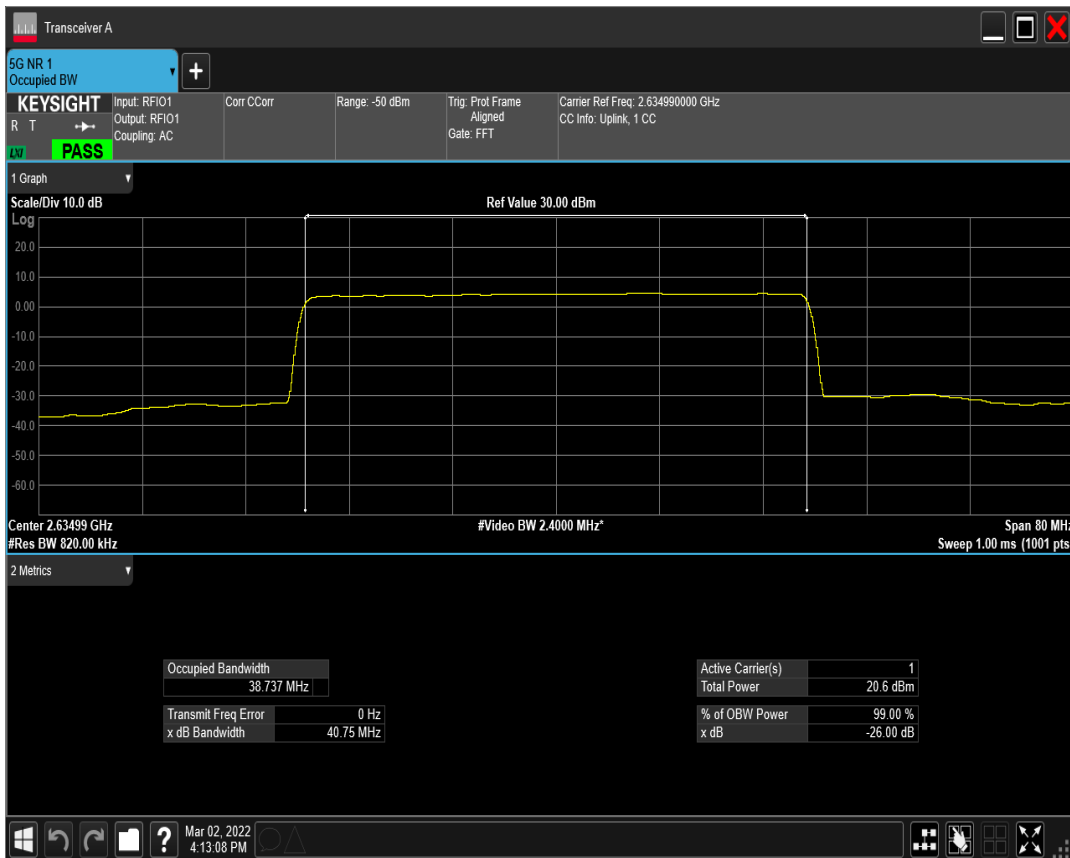
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=40MHz Channel=526998 RB=216@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=40MHz Channel=526998 RB=216@0

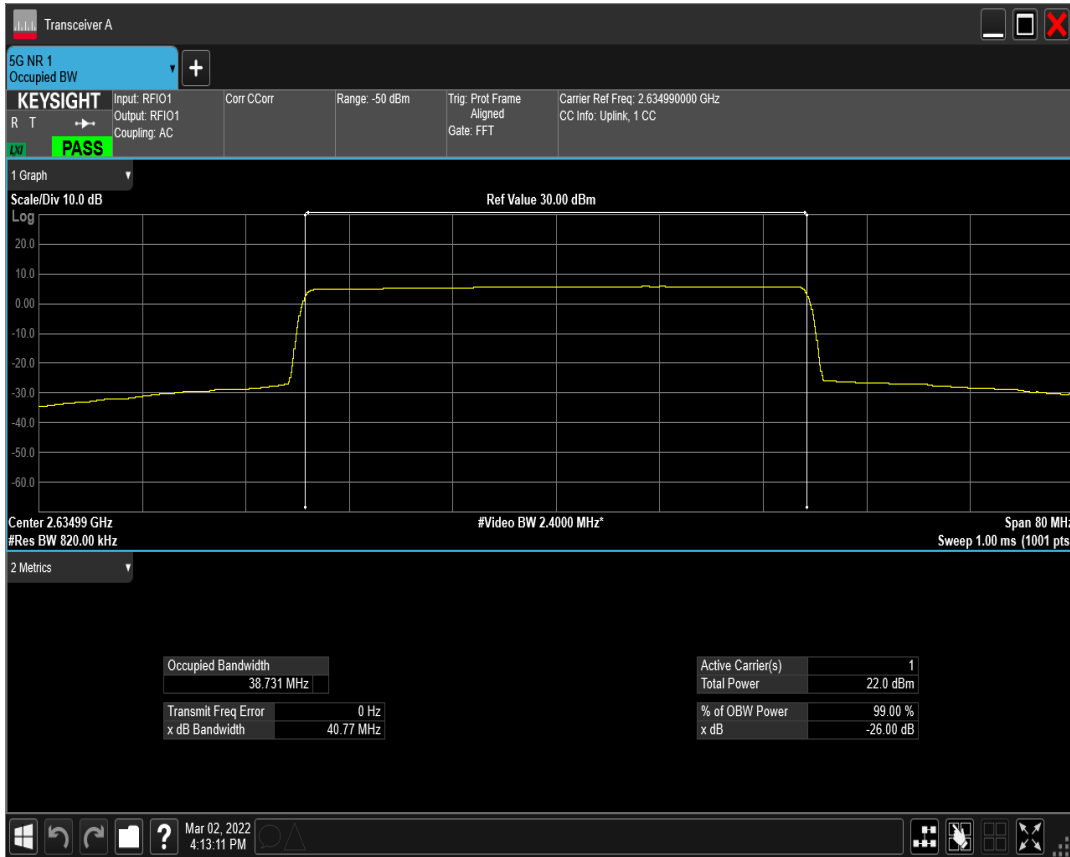


n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=40MHz Channel=526998 RB=216@0





n41(2535-2655) SCS=15kHz CP\_QPSK BW=40MHz Channel=526998 RB=216@0



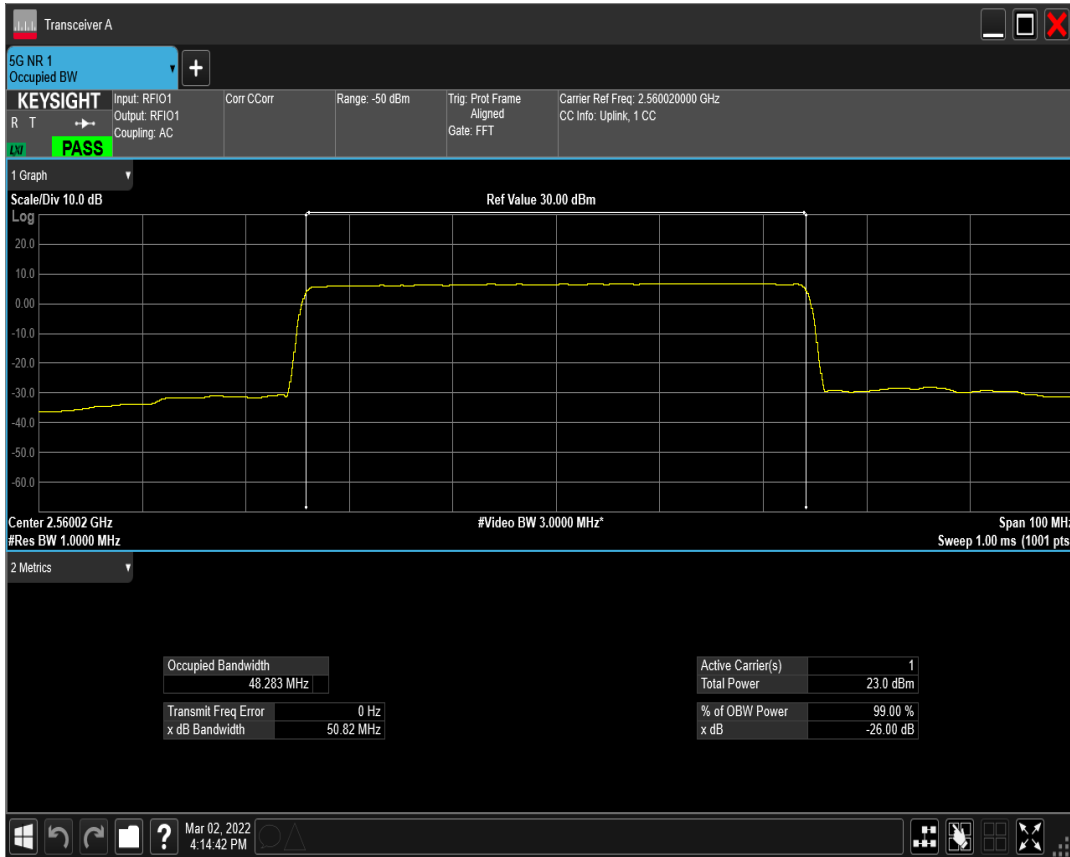
n41(2535-2655) SCS=15kHz DFT\_BPSK BW=50MHz Channel=512004 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=270@0



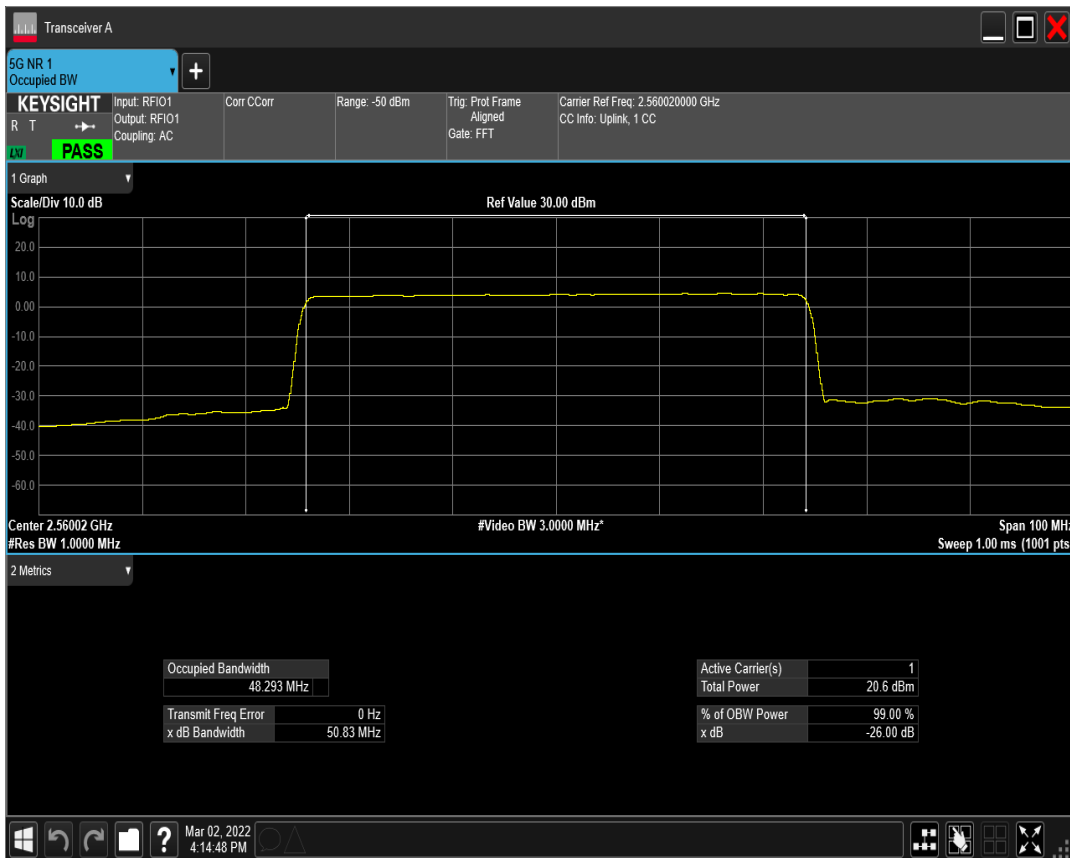
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=512004 RB=270@0



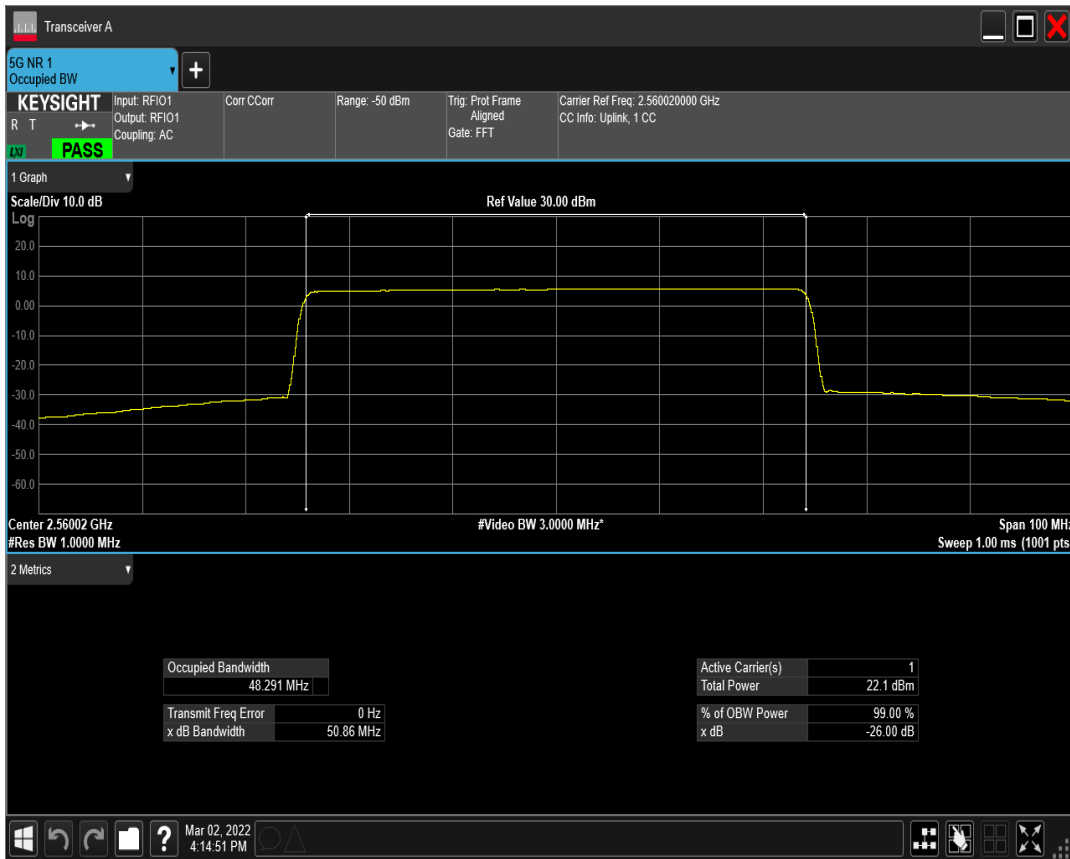
n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=512004 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=512004 RB=270@0



n41(2535-2655) SCS=15kHz CP\_QPSK BW=50MHz Channel=512004 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_BPSK BW=50MHz Channel=519000 RB=270@0



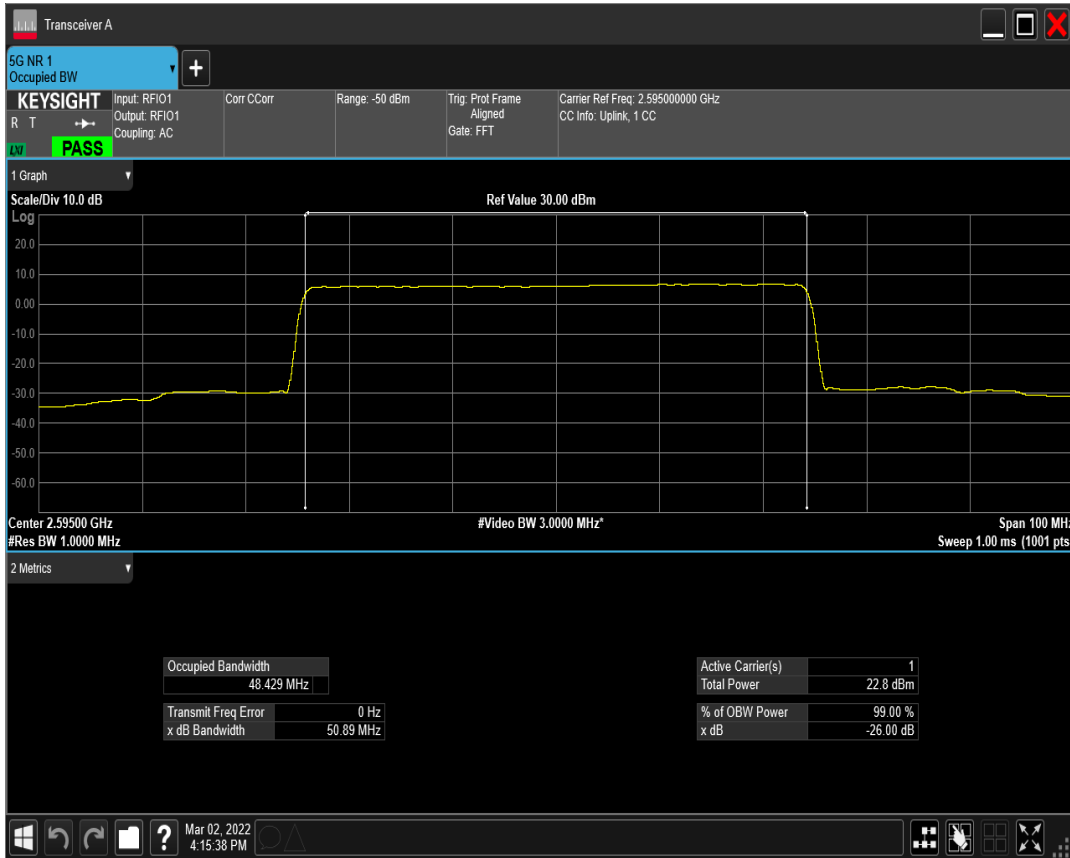
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=519000 RB=270@0



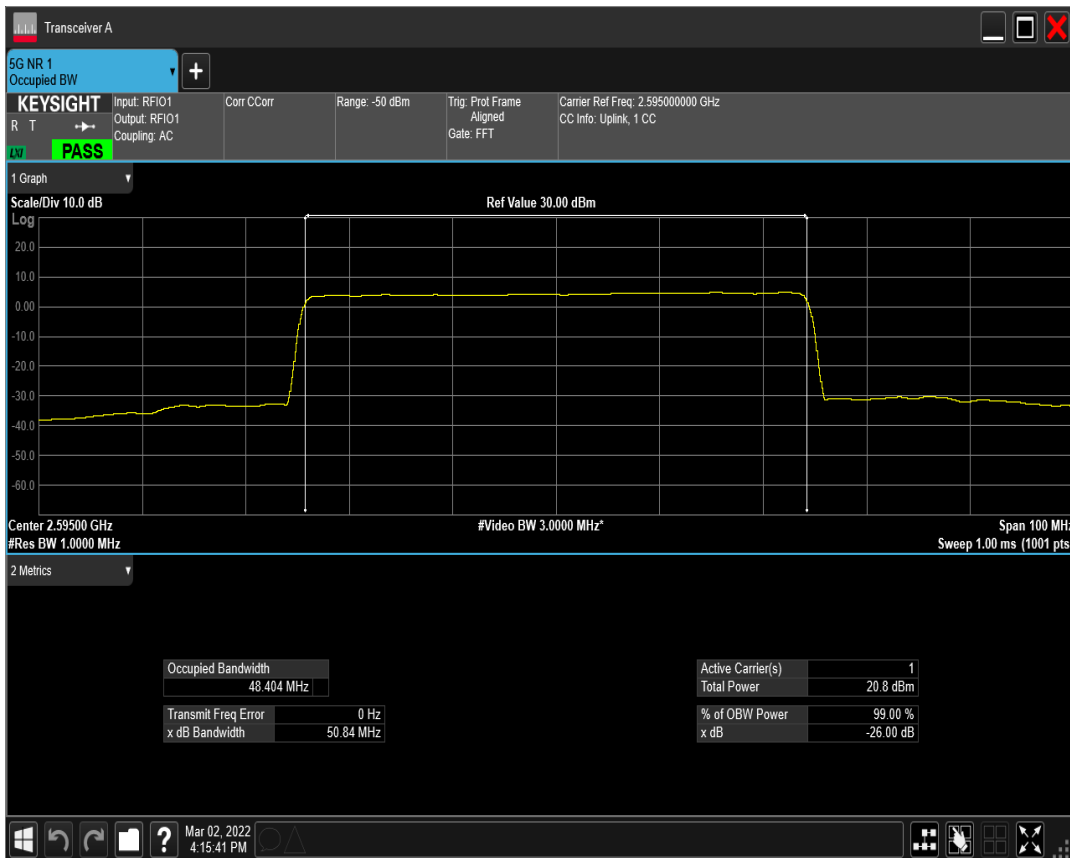
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=519000 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=519000 RB=270@0





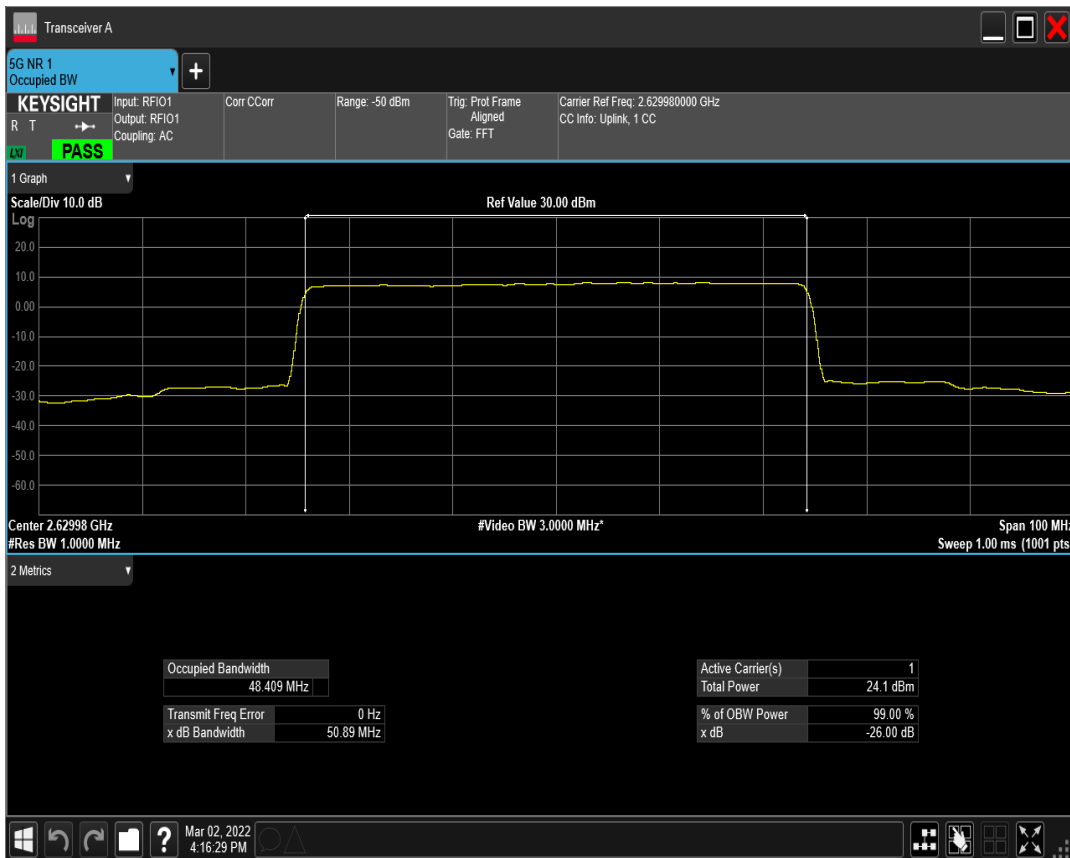
n41(2535-2655) SCS=15kHz CP\_QPSK BW=50MHz Channel=519000 RB=270@0



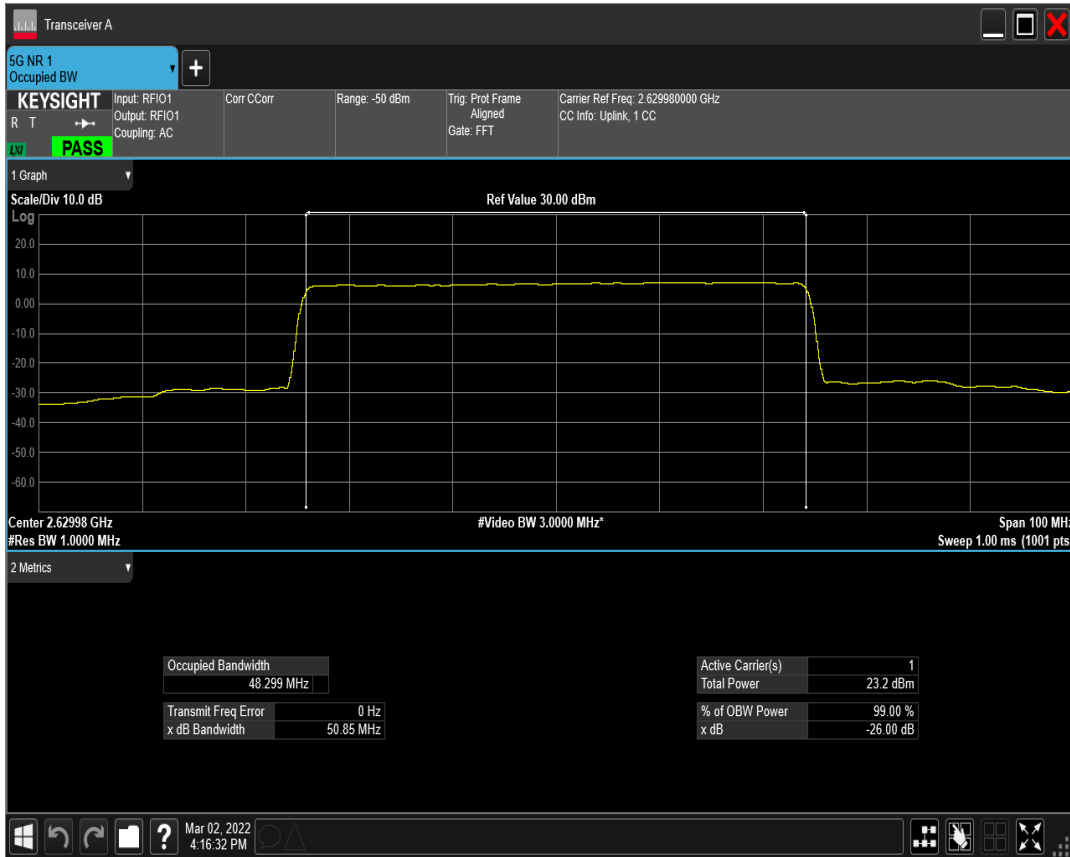
n41(2535-2655) SCS=15kHz DFT\_BPSK BW=50MHz Channel=525996 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=270@0



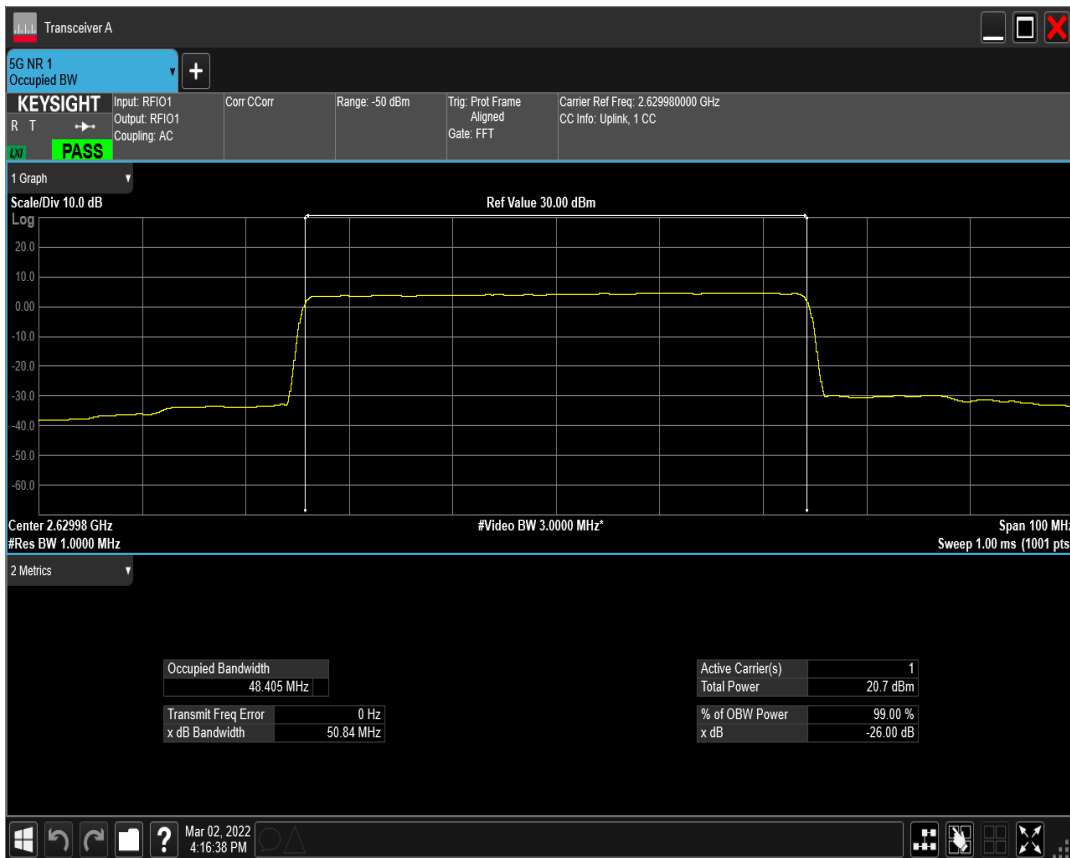
n41(2535-2655) SCS=15kHz DFT\_QAM16 BW=50MHz Channel=525996 RB=270@0



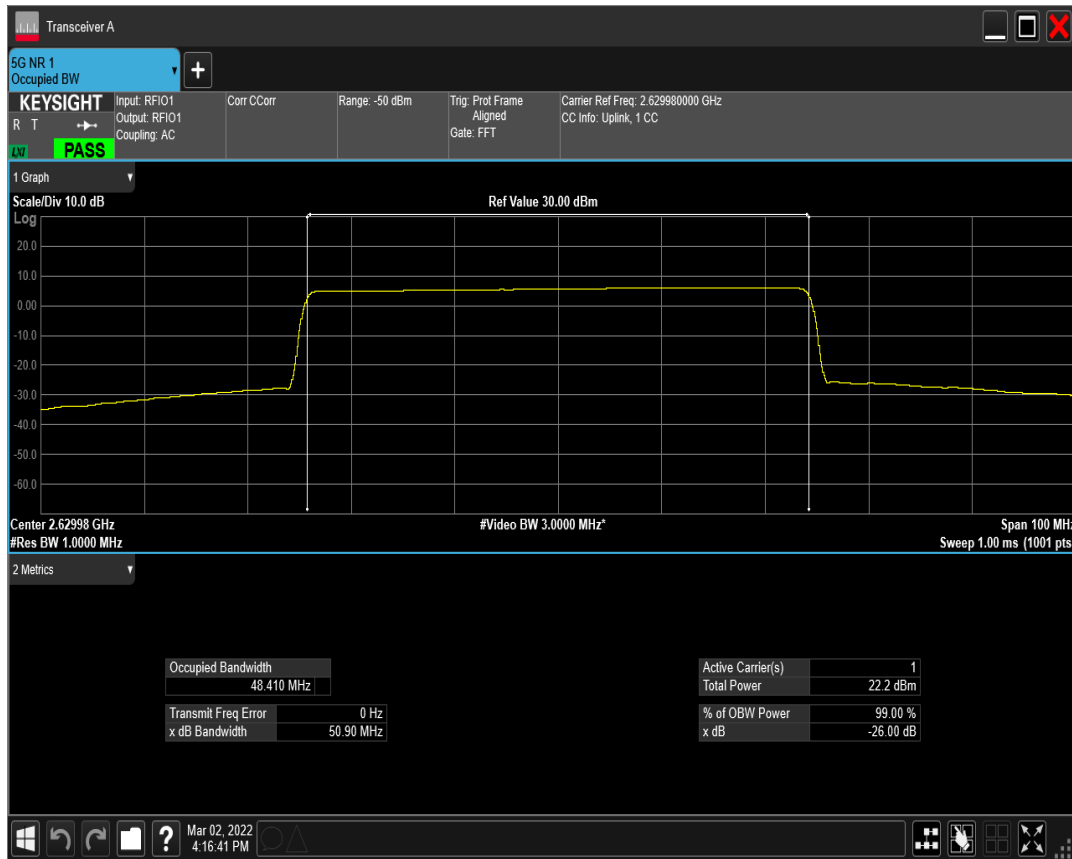
n41(2535-2655) SCS=15kHz DFT\_QAM64 BW=50MHz Channel=525996 RB=270@0



n41(2535-2655) SCS=15kHz DFT\_QAM256 BW=50MHz Channel=525996 RB=270@0



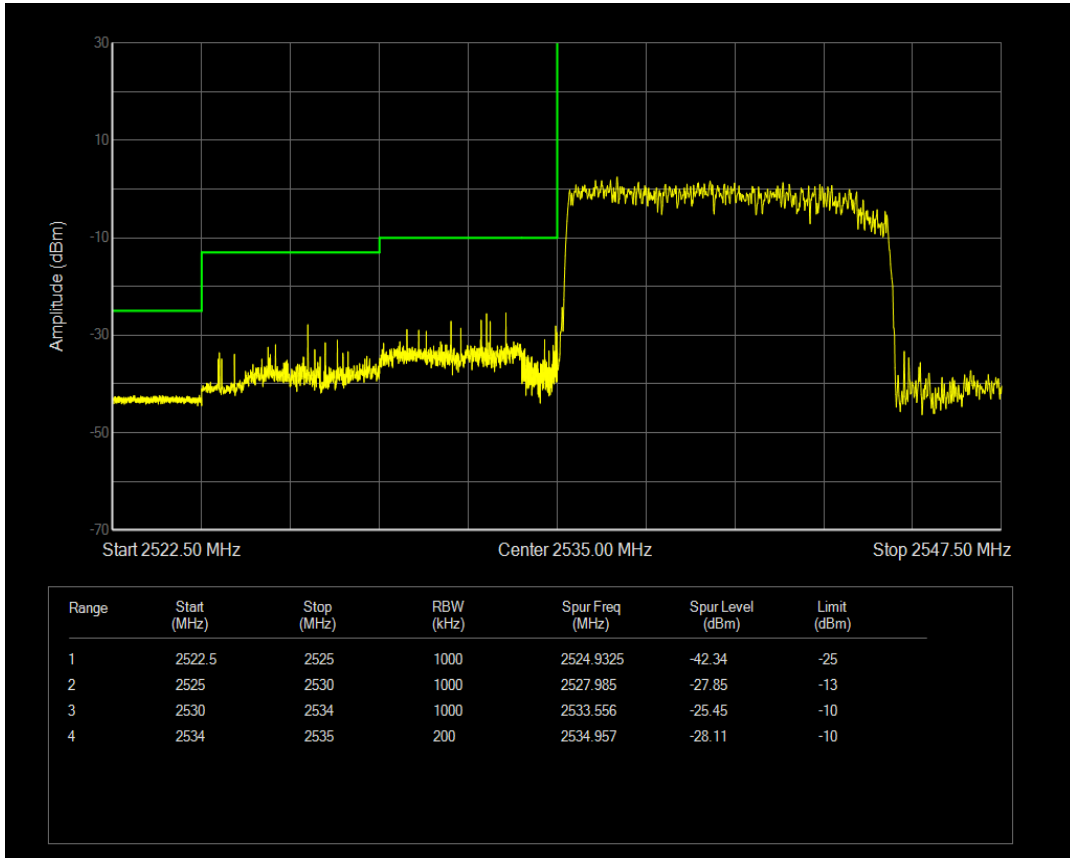
n41(2535-2655) SCS=15kHz CP\_QPSK BW=50MHz Channel=525996 RB=270@0



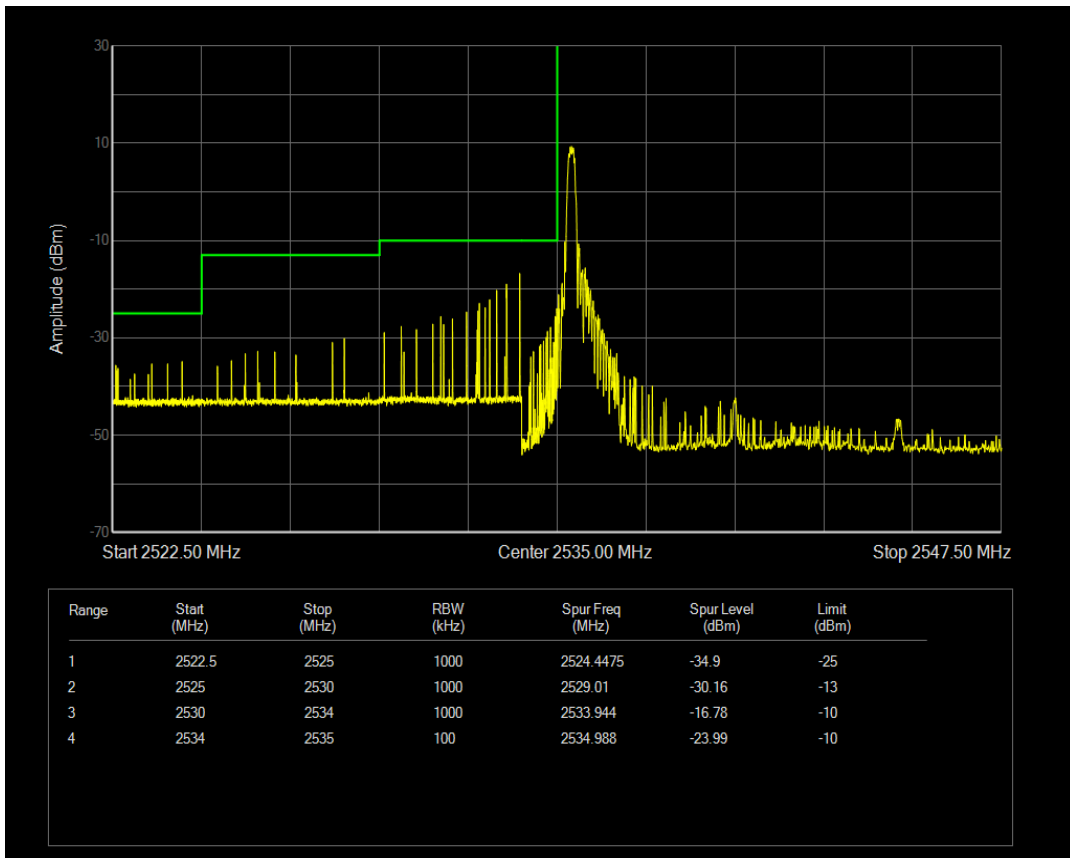
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41(2535-2655)	15	10	508002	50@0	DFT_QPSK	2527.99	-27.85	-13	PASS
n41(2535-2655)	15	10	508002	1@0	DFT_QPSK	2533.94	-16.78	-10	PASS
n41(2535-2655)	15	10	529998	50@0	DFT_QPSK	2667.25	-33.20	-25	PASS
n41(2535-2655)	15	10	529998	1@51	DFT_QPSK	2656.18	-17.51	-10	PASS
n41(2535-2655)	15	50	512004	270@0	DFT_QPSK	2534.99	-23.95	-10	PASS
n41(2535-2655)	15	50	512004	1@0	DFT_QPSK	2533.94	-23.57	-10	PASS
n41(2535-2655)	15	50	525996	270@0	DFT_QPSK	2655.21	-25.00	-10	PASS
n41(2535-2655)	15	50	525996	1@269	DFT_QPSK	2706.50	-42.16	-25	PASS

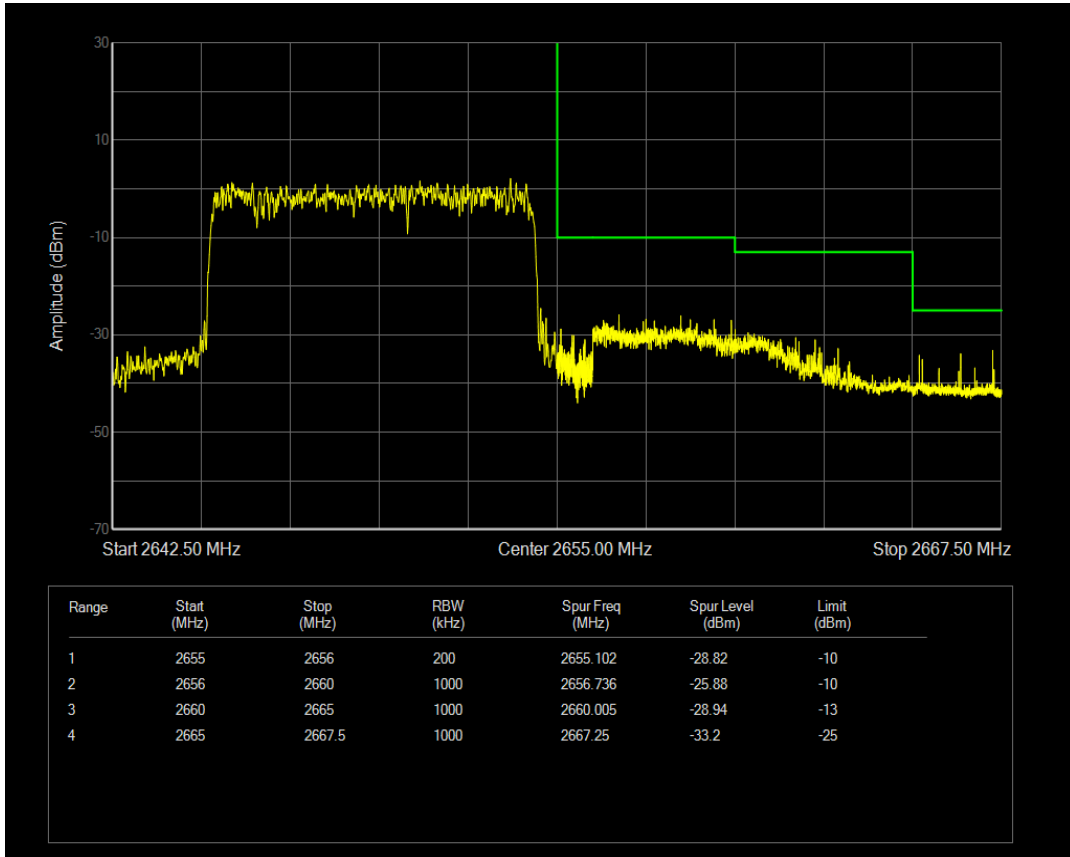
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=508002 RB=50@0



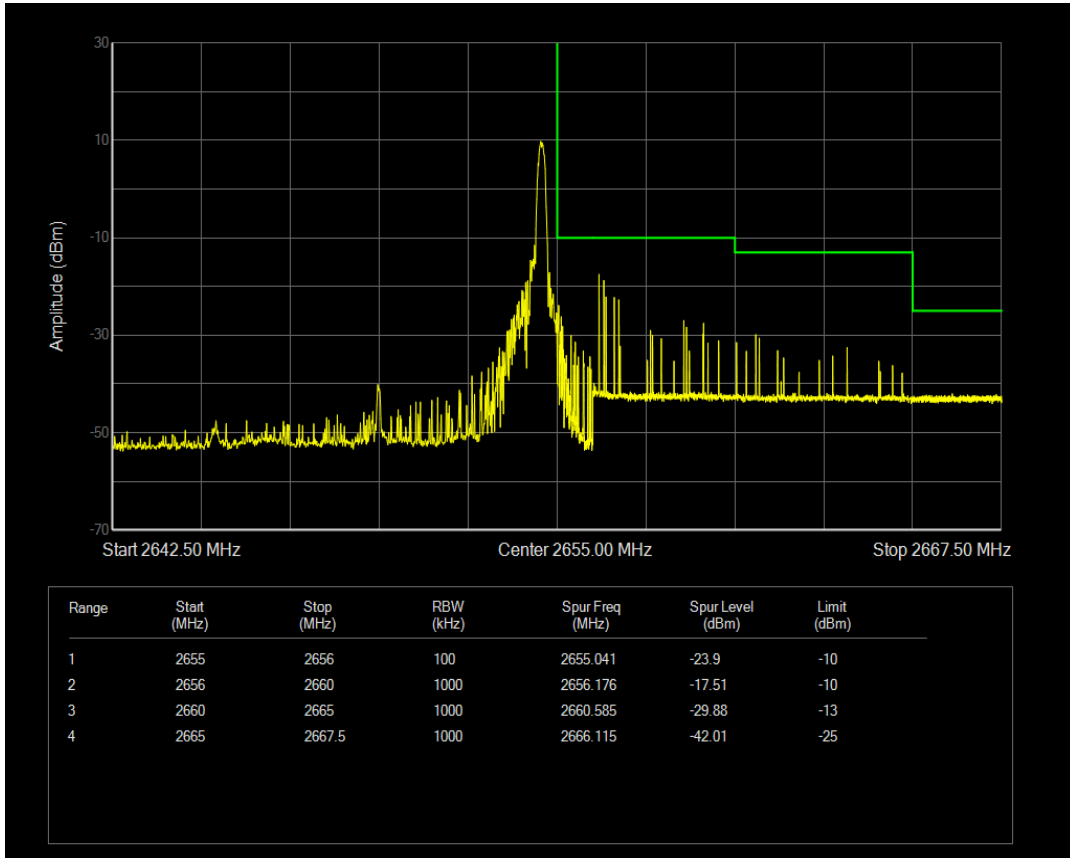
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@0



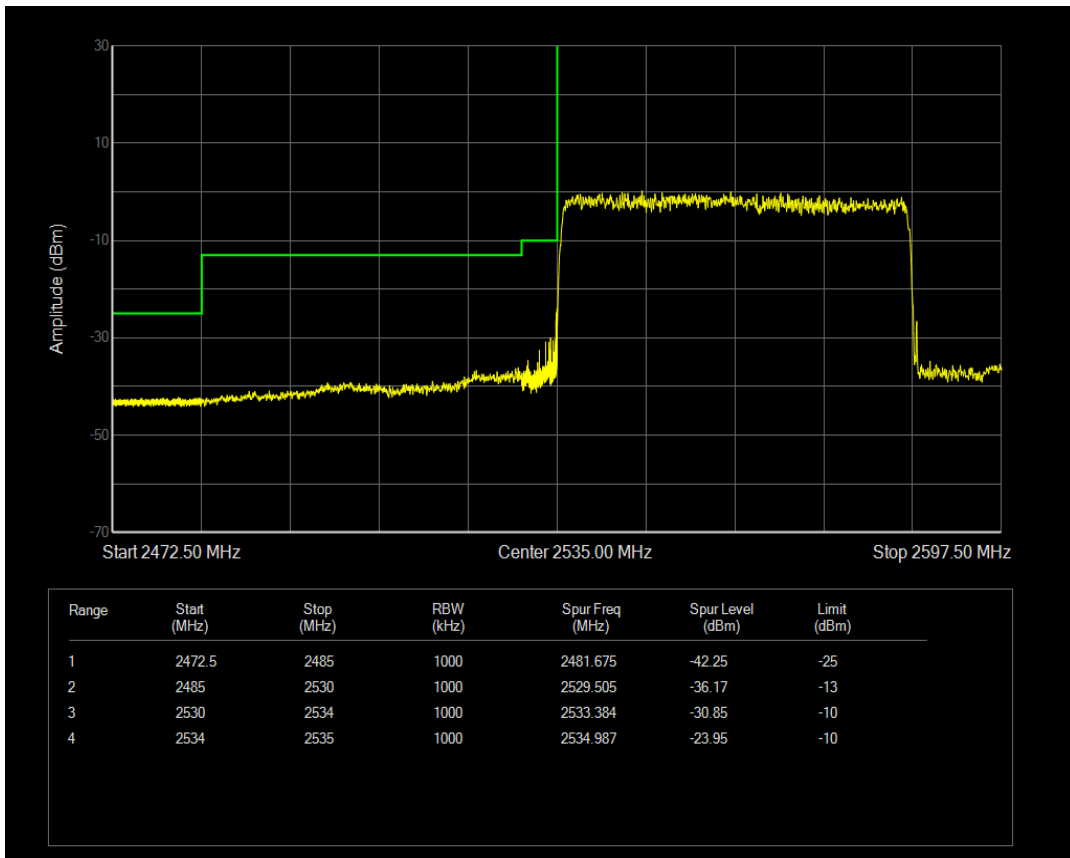
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=529998 RB=50@0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@51

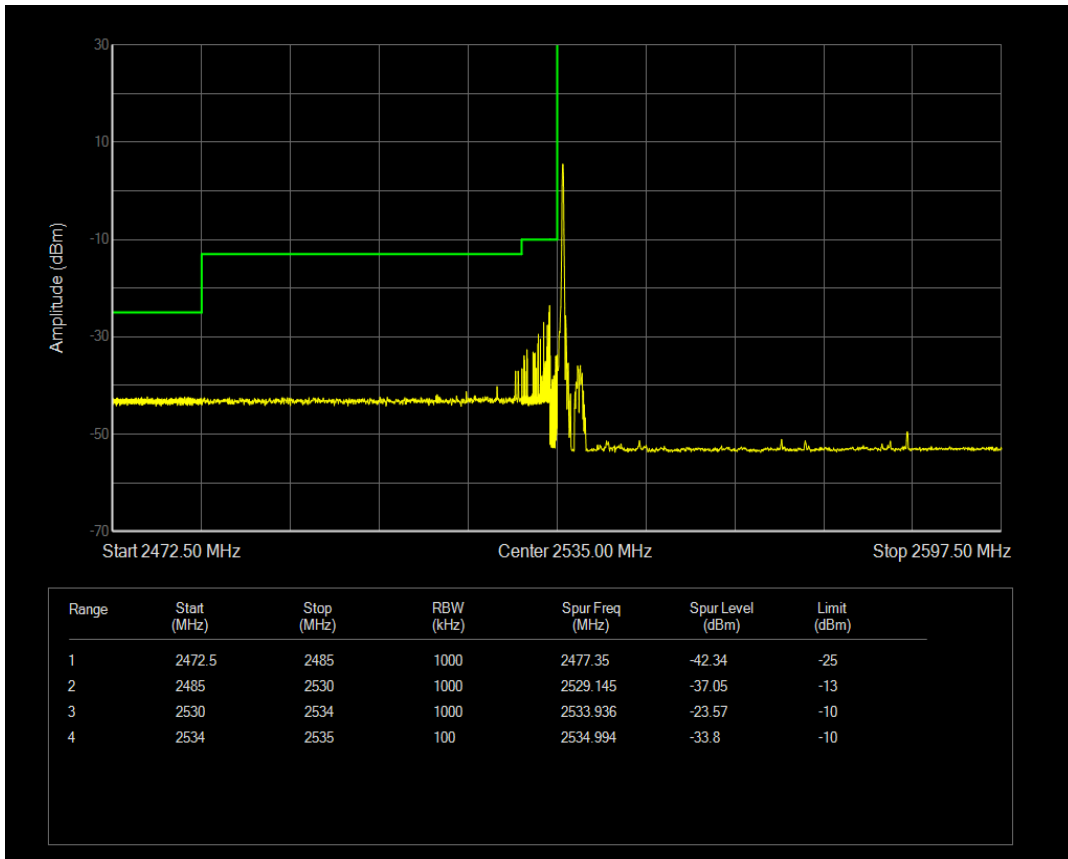


n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=270@0

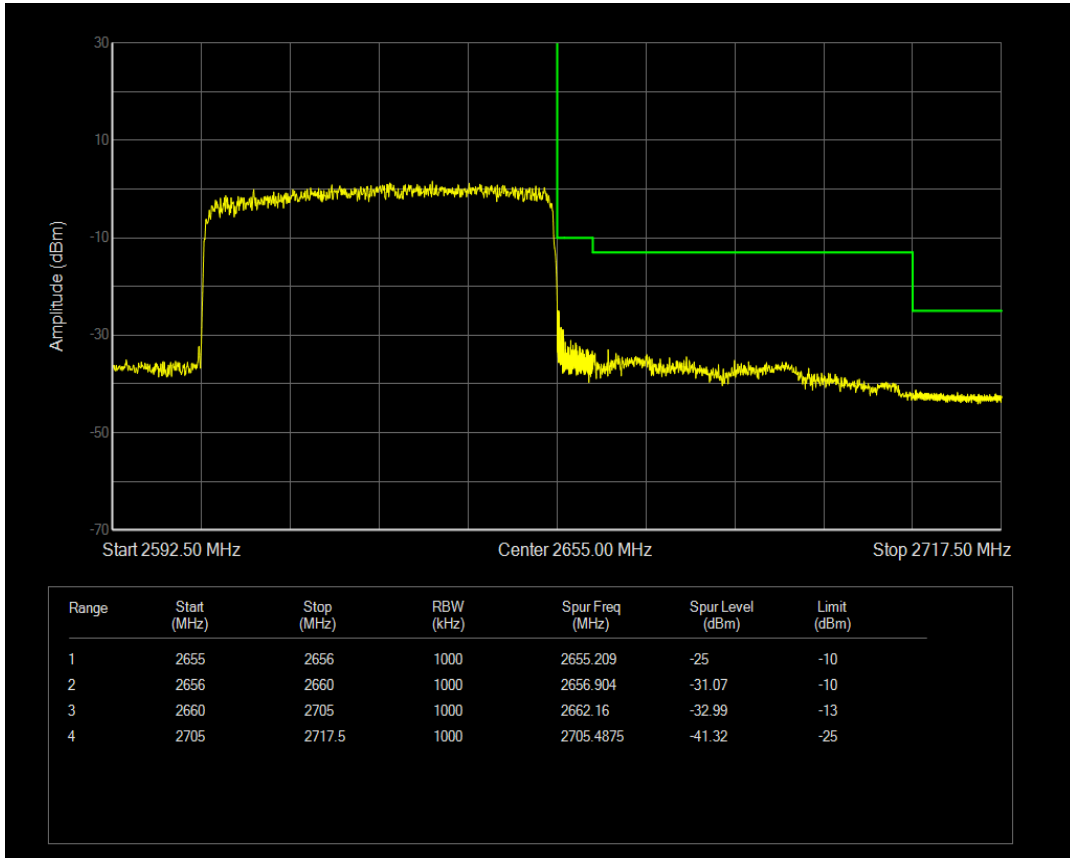




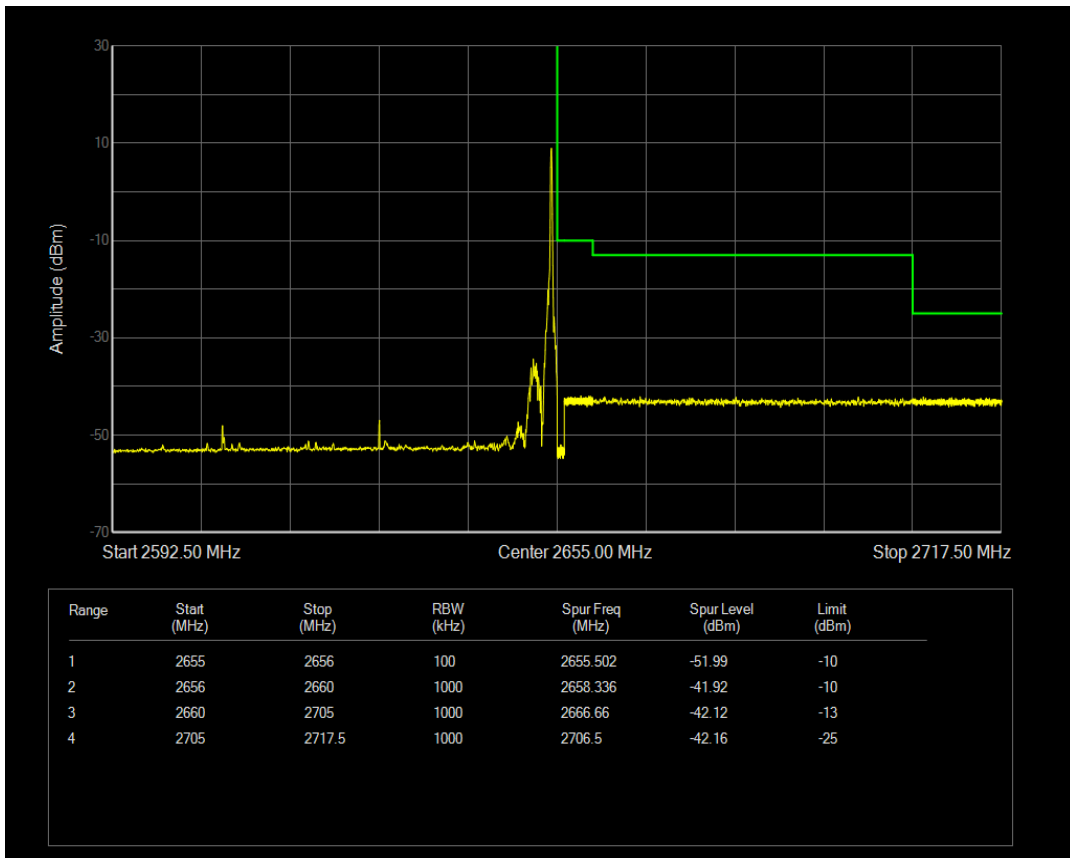
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=1 @0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=270 @0



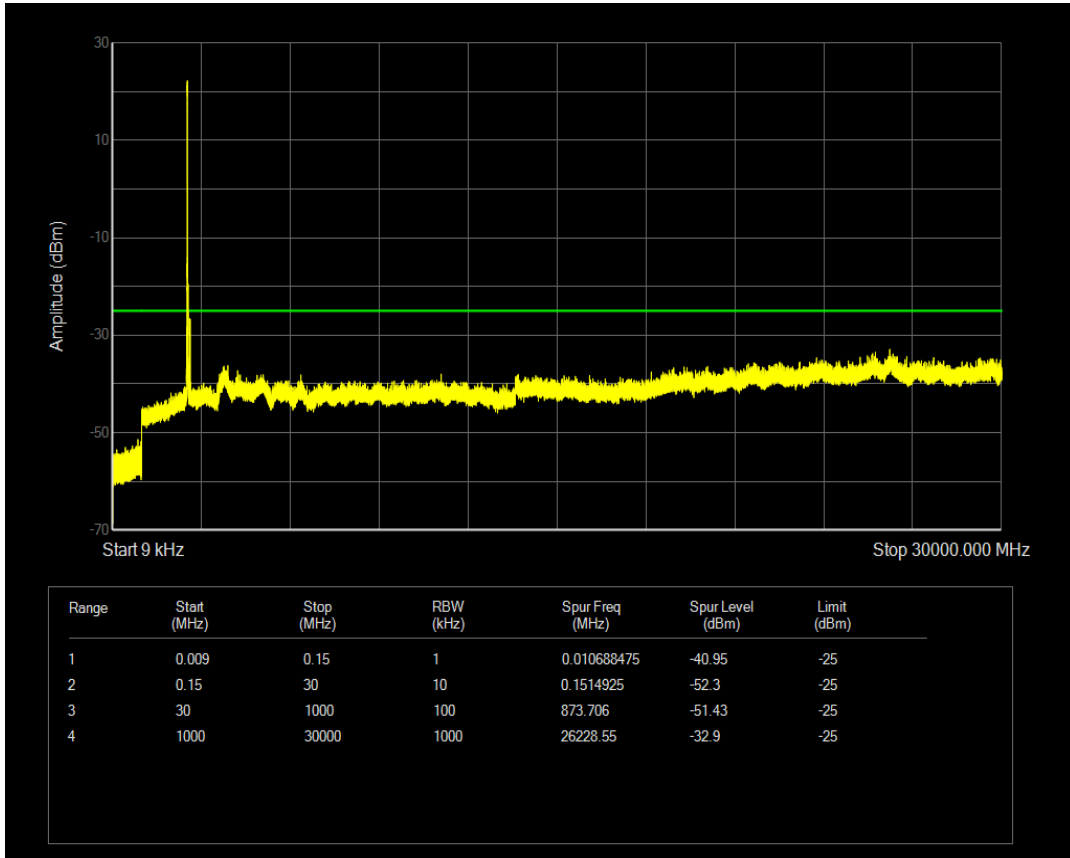
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=1 @269



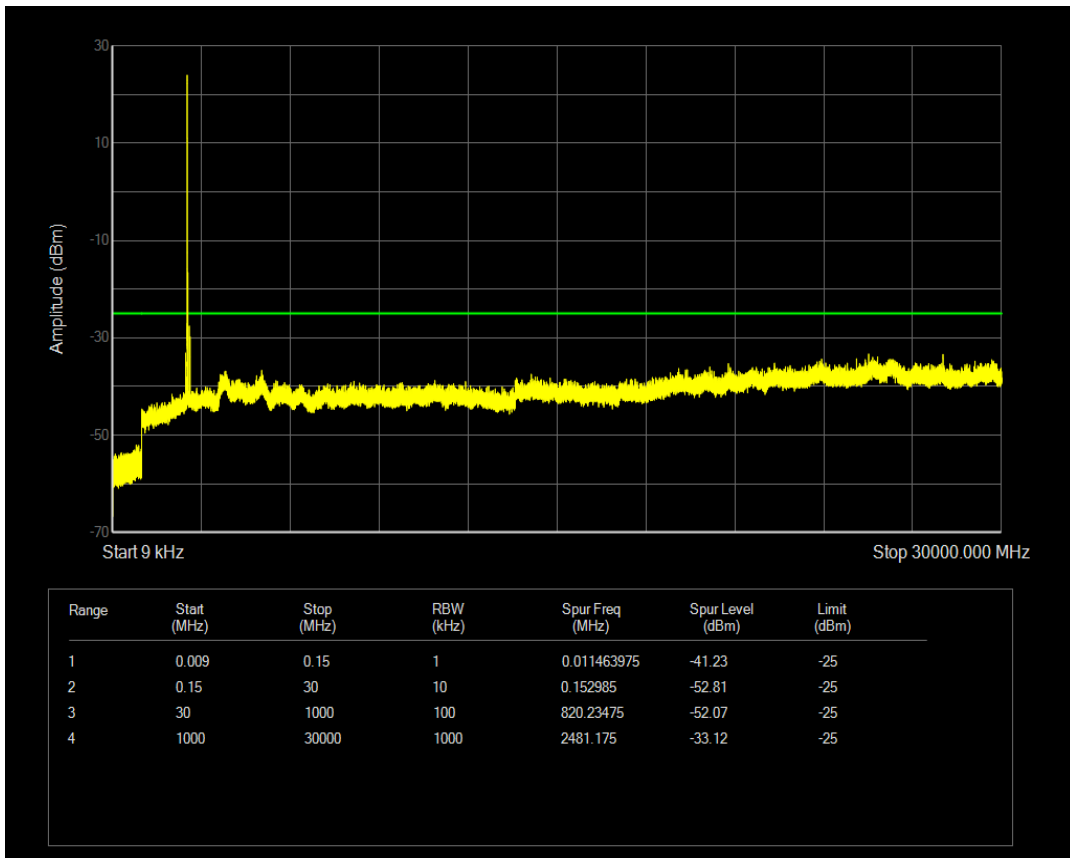
**6 Out-of-band emissions for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41(2535-2655)	15	10	508002	50@0	DFT_QPSK	26228.55	-32.90	-25	PASS
n41(2535-2655)	15	10	508002	1@0	DFT_QPSK	2481.18	-33.12	-25	PASS
n41(2535-2655)	15	10	508002	1@51	DFT_QPSK	25607.23	-33.34	-25	PASS
n41(2535-2655)	15	10	519000	50@0	DFT_QPSK	2710.28	-29.96	-25	PASS
n41(2535-2655)	15	10	519000	1@0	DFT_QPSK	2695.05	-31.91	-25	PASS
n41(2535-2655)	15	10	519000	1@51	DFT_QPSK	29701.30	-33.95	-25	PASS
n41(2535-2655)	15	10	529998	50@0	DFT_QPSK	26367.75	-33.67	-25	PASS
n41(2535-2655)	15	10	529998	1@0	DFT_QPSK	23871.58	-33.03	-25	PASS
n41(2535-2655)	15	10	529998	1@51	DFT_QPSK	25629.70	-33.83	-25	PASS
n41(2535-2655)	15	50	512004	270@0	DFT_QPSK	25807.33	-33.25	-25	PASS
n41(2535-2655)	15	50	512004	1@0	DFT_QPSK	25745.70	-33.51	-25	PASS
n41(2535-2655)	15	50	512004	1@269	DFT_QPSK	26194.48	-33.33	-25	PASS
n41(2535-2655)	15	50	519000	270@0	DFT_QPSK	27962.03	-33.40	-25	PASS
n41(2535-2655)	15	50	519000	1@0	DFT_QPSK	26244.50	-33.53	-25	PASS
n41(2535-2655)	15	50	519000	1@269	DFT_QPSK	26250.30	-33.45	-25	PASS
n41(2535-2655)	15	50	525996	270@0	DFT_QPSK	26147.35	-32.03	-25	PASS
n41(2535-2655)	15	50	525996	1@0	DFT_QPSK	26312.65	-33.94	-25	PASS
n41(2535-2655)	15	50	525996	1@269	DFT_QPSK	29294.58	-33.95	-25	PASS

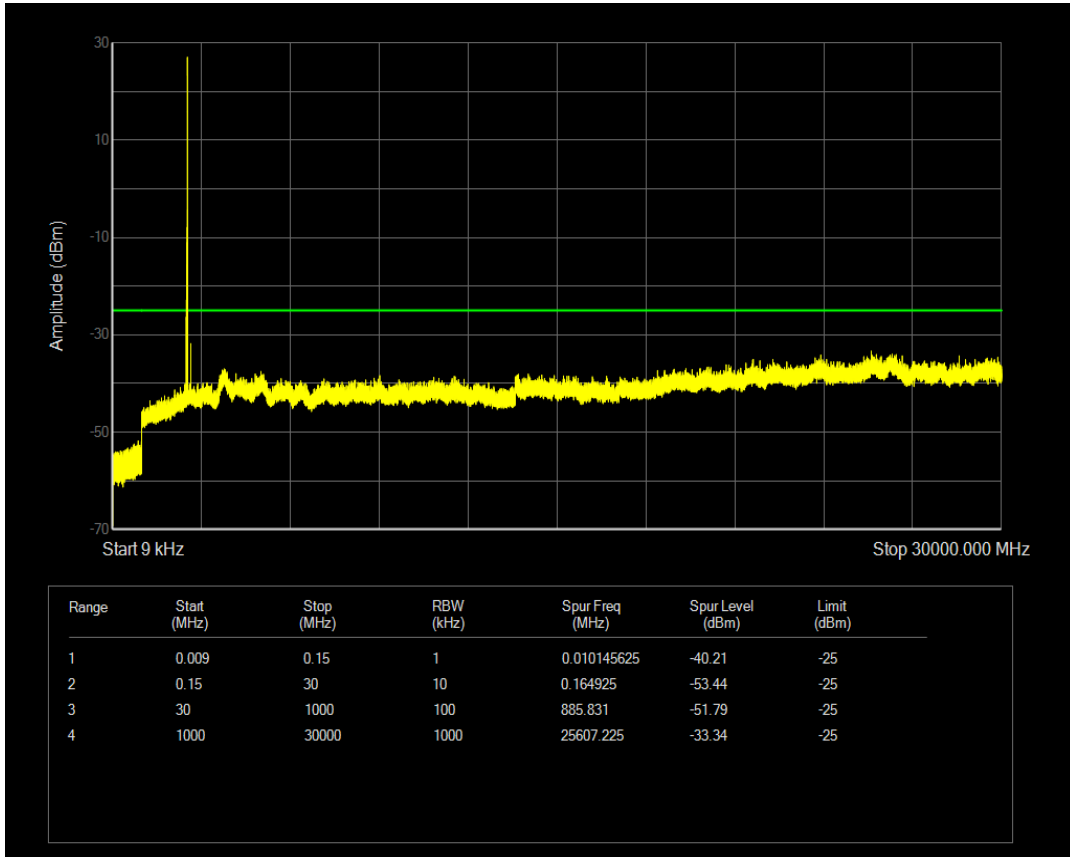
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=508002 RB=50@0



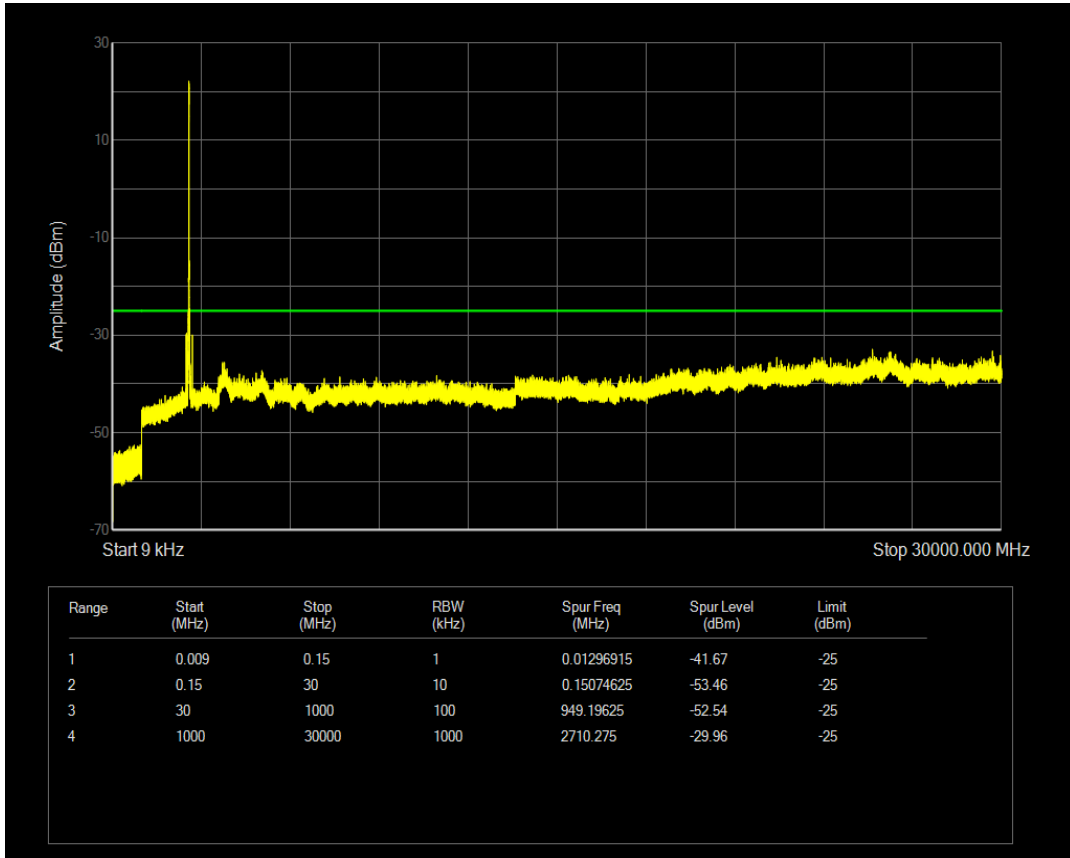
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@0



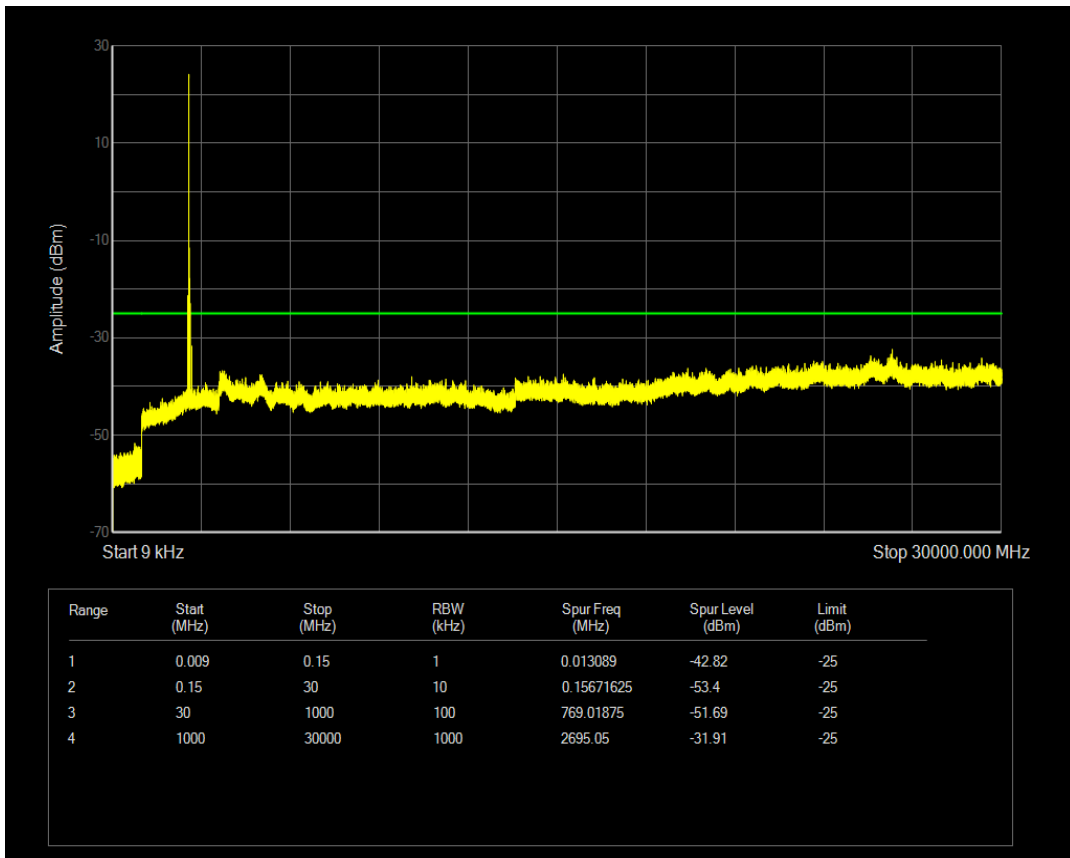
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=508002 RB=1@51



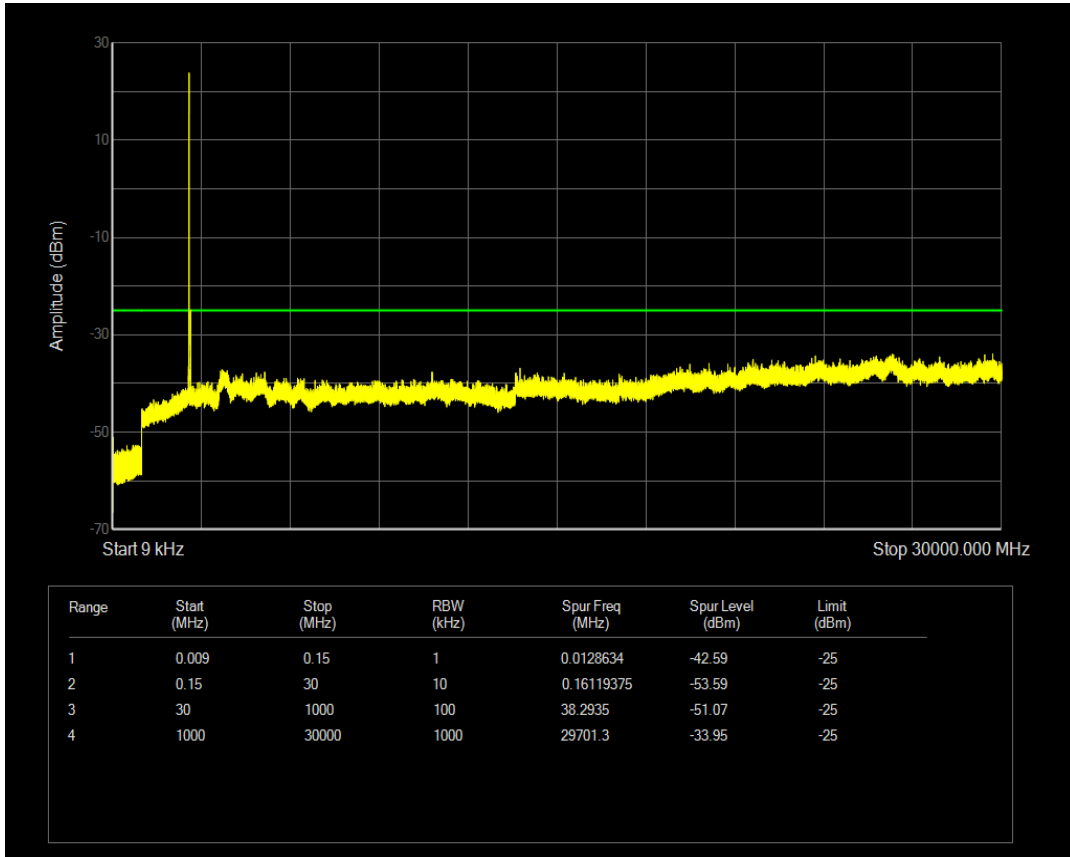
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=519000 RB=50@0



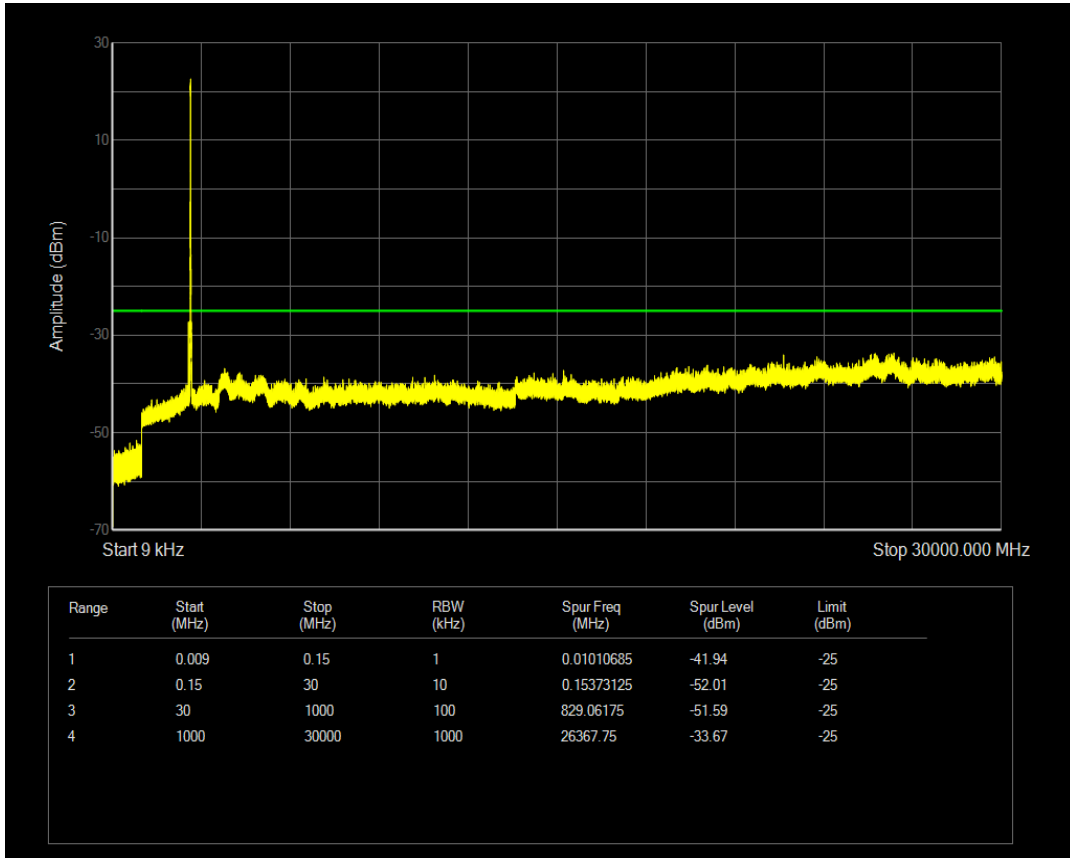
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1 @0



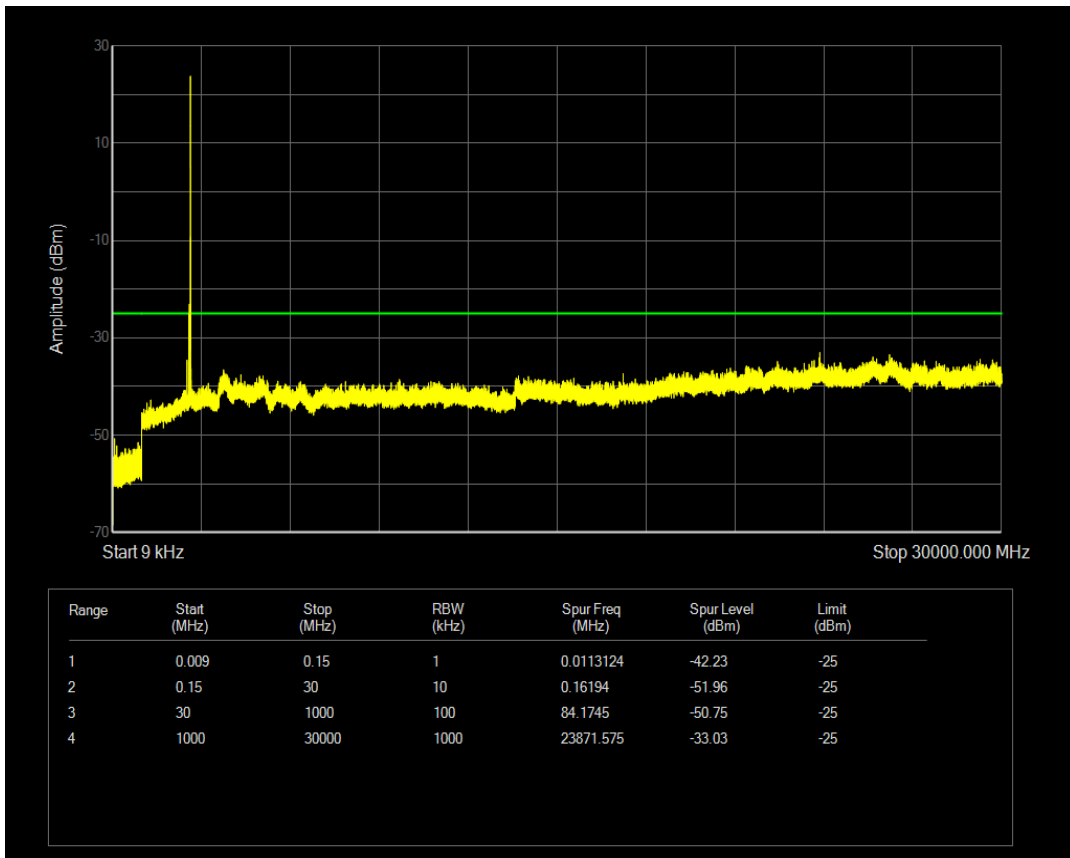
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1@51



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=529998 RB=50@0

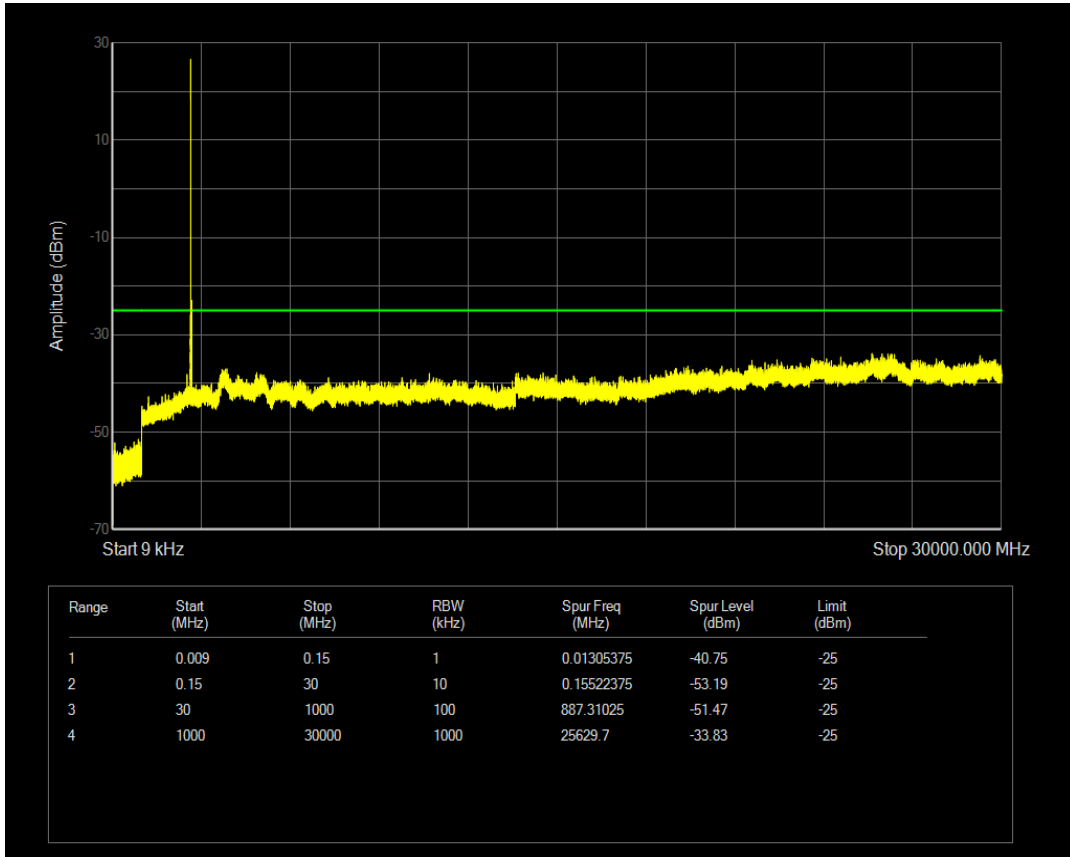


n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1 @0

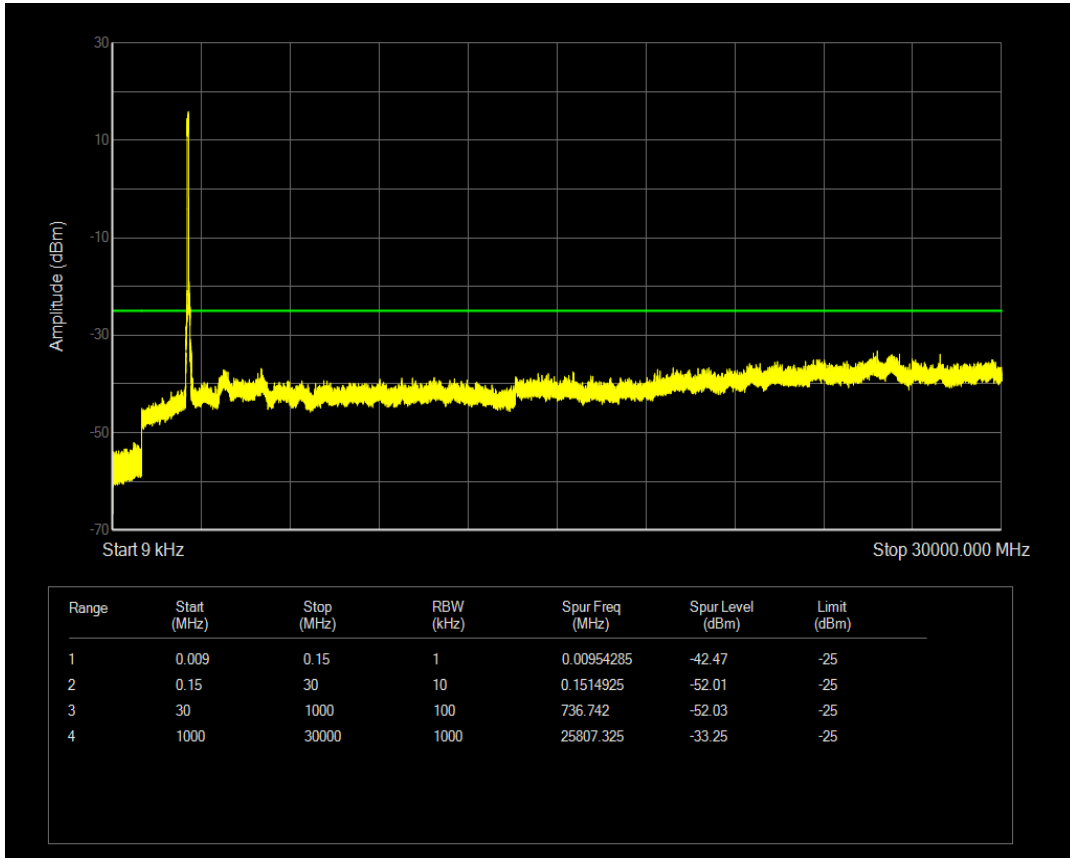




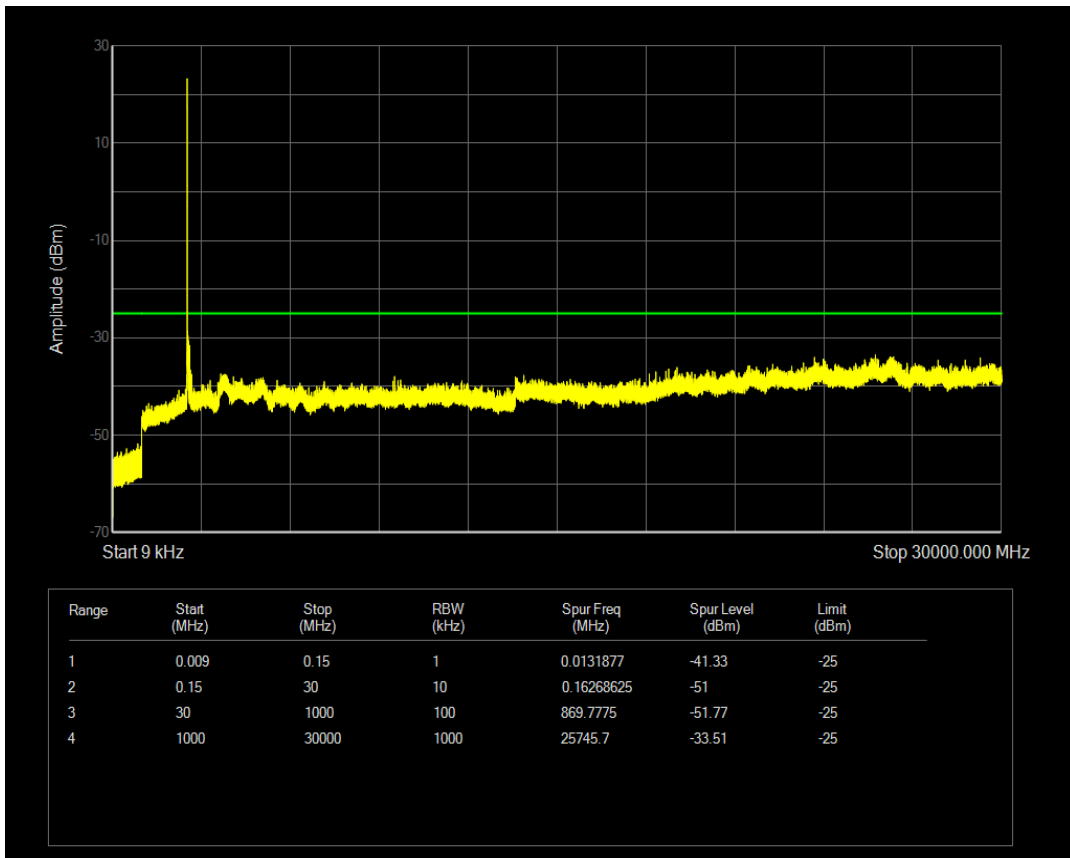
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=10MHz Channel=529998 RB=1@51



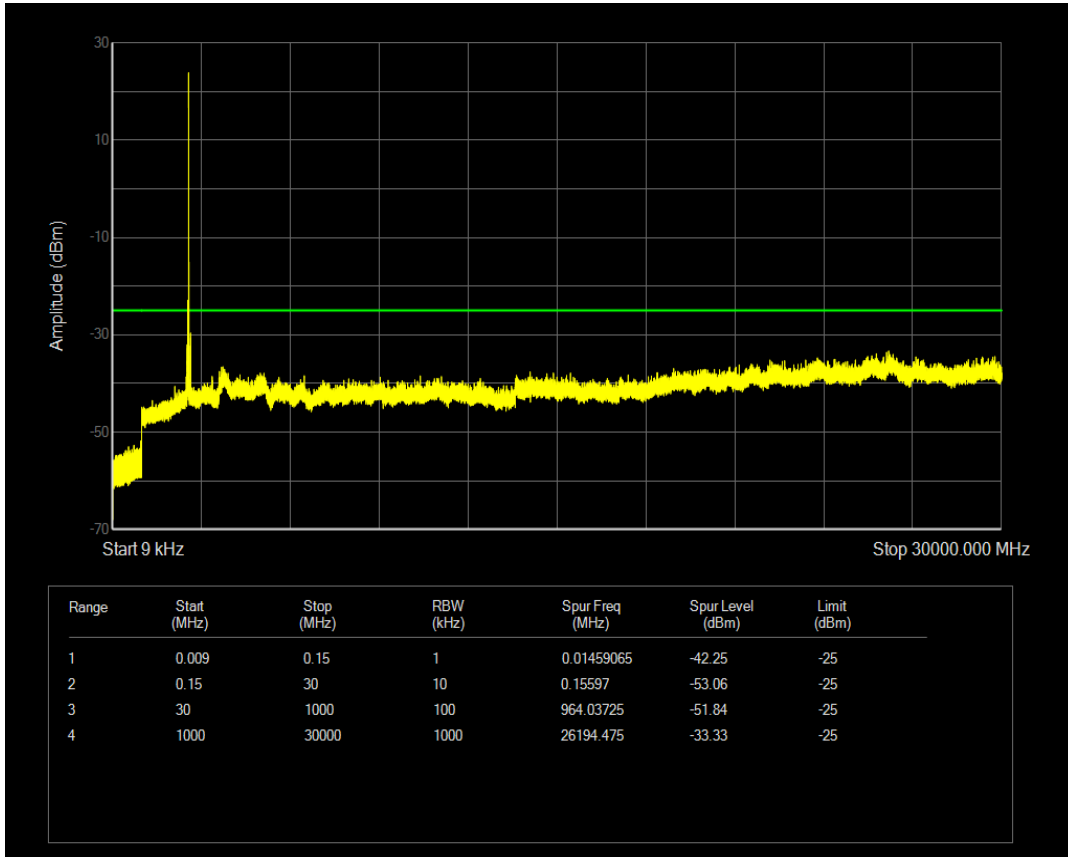
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=270@0



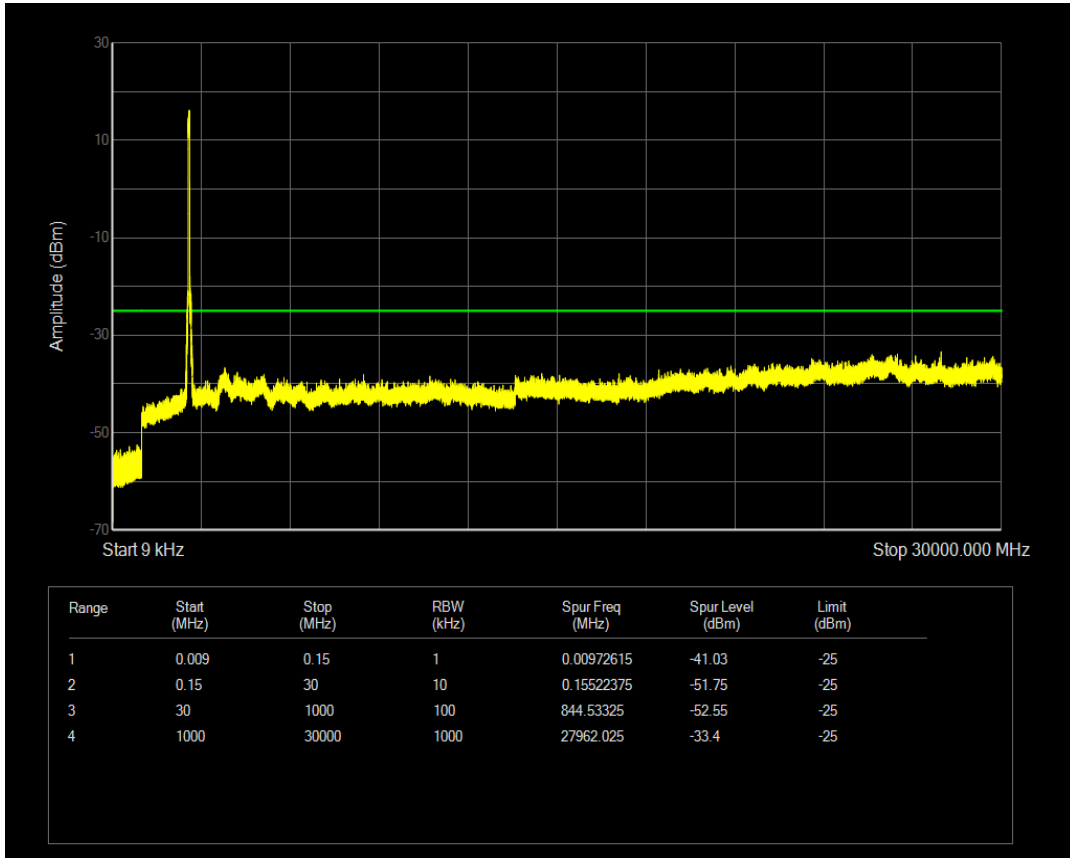
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=1 @0



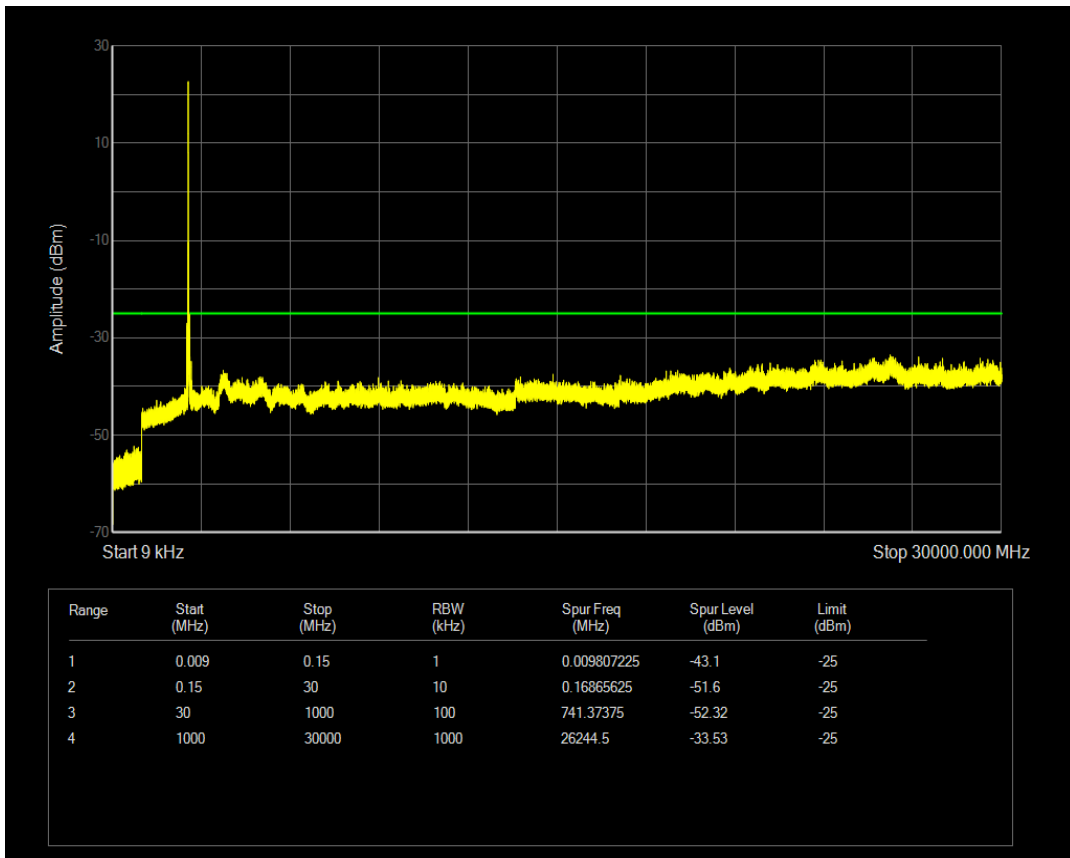
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=512004 RB=1 @269



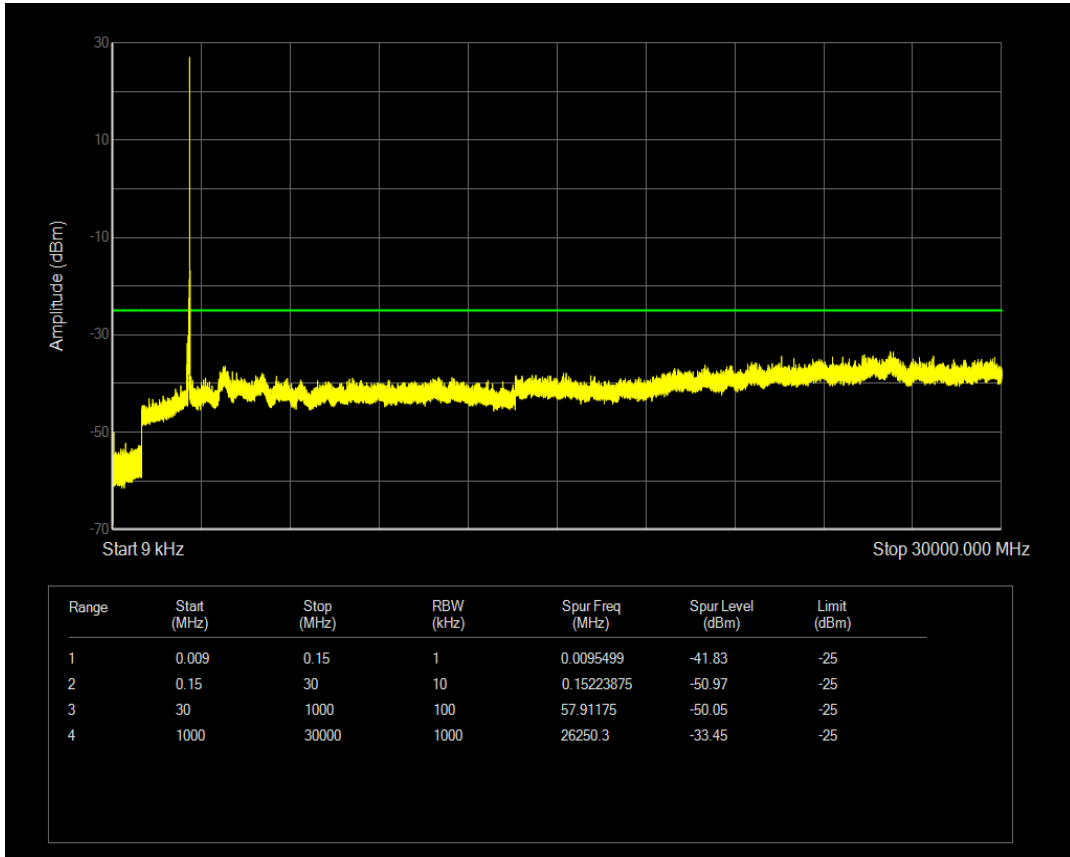
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=519000 RB=270 @0



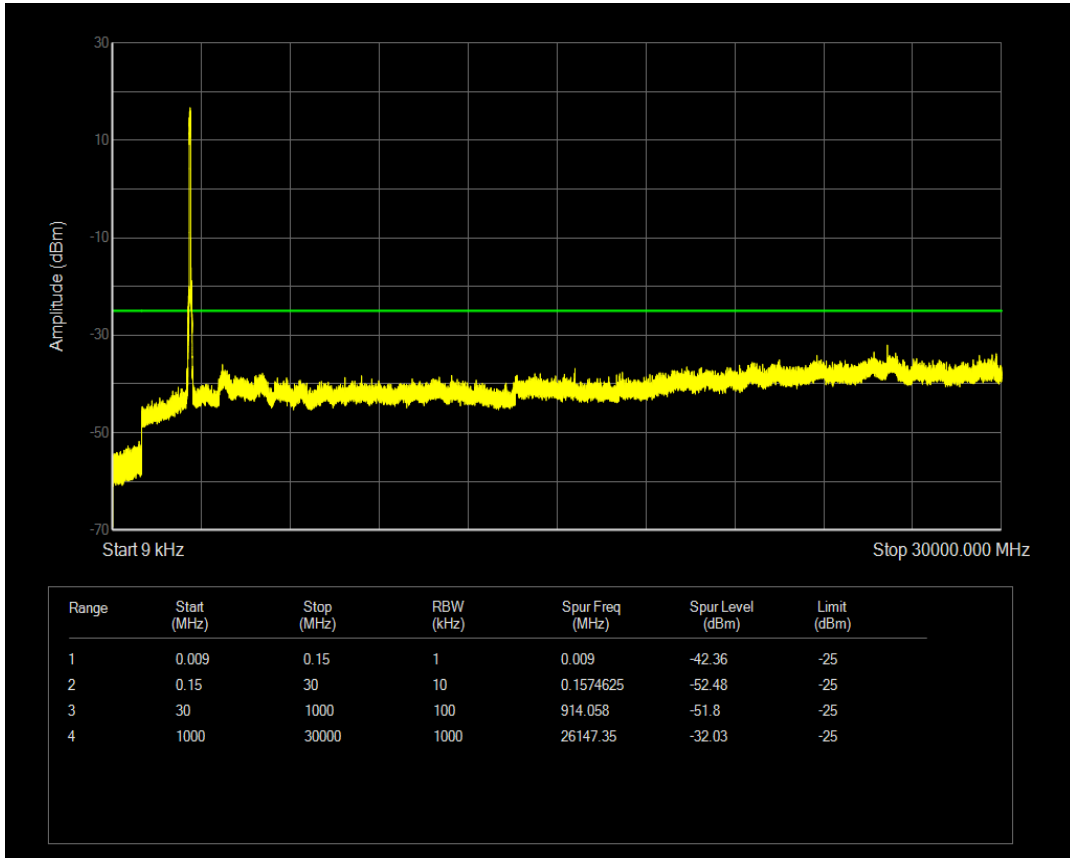
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=519000 RB=1 @0



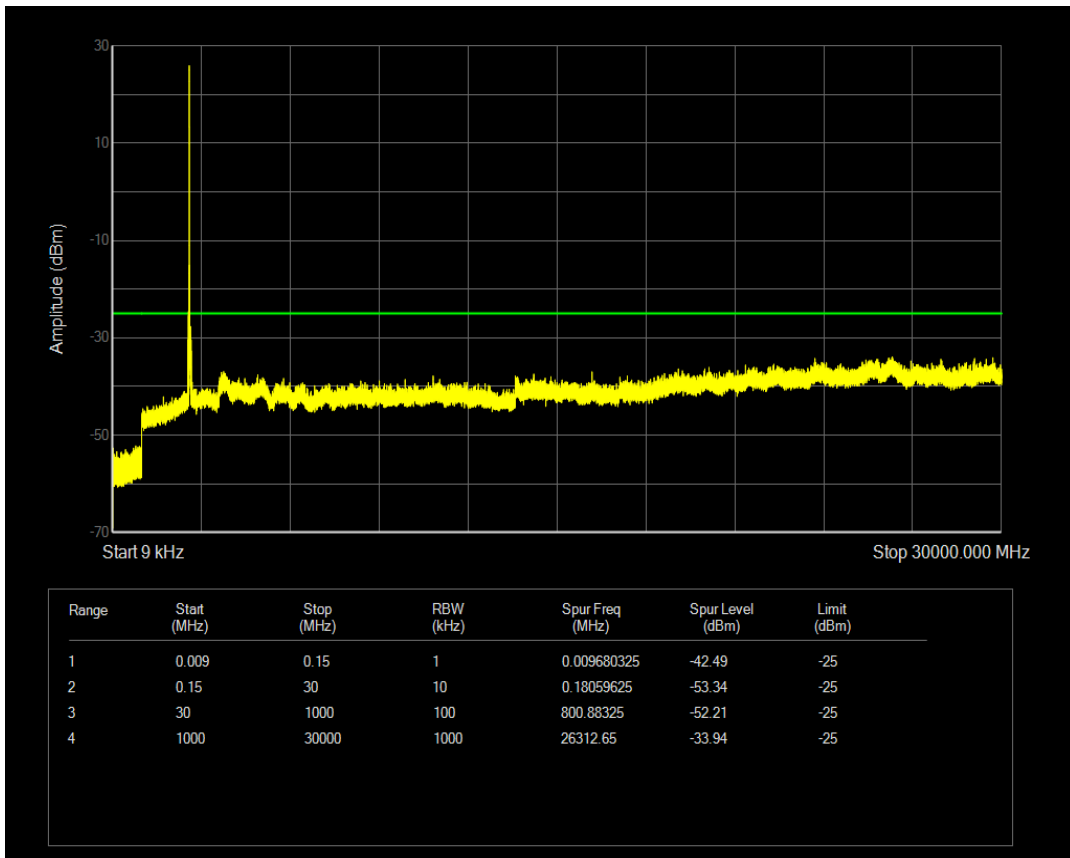
n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=519000 RB=1 @269



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=270 @0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=1 @0



n41(2535-2655) SCS=15kHz DFT\_QPSK BW=50MHz Channel=525996 RB=1 @269

