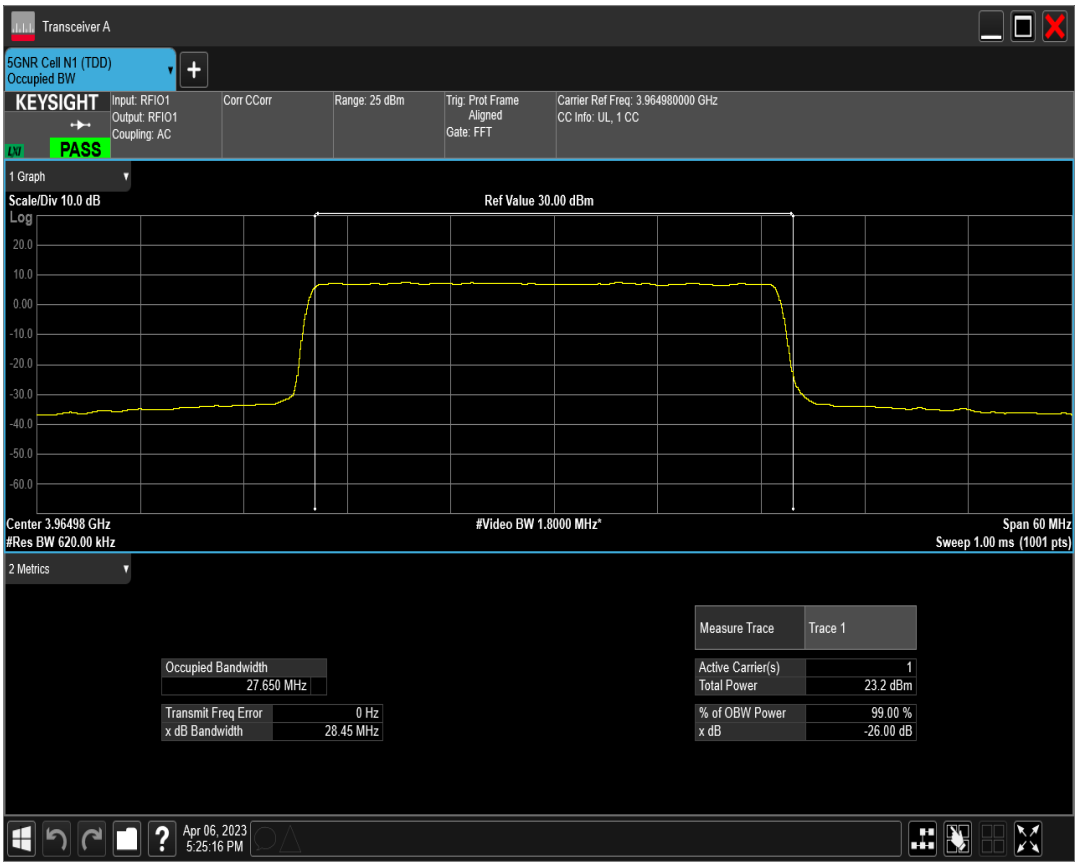
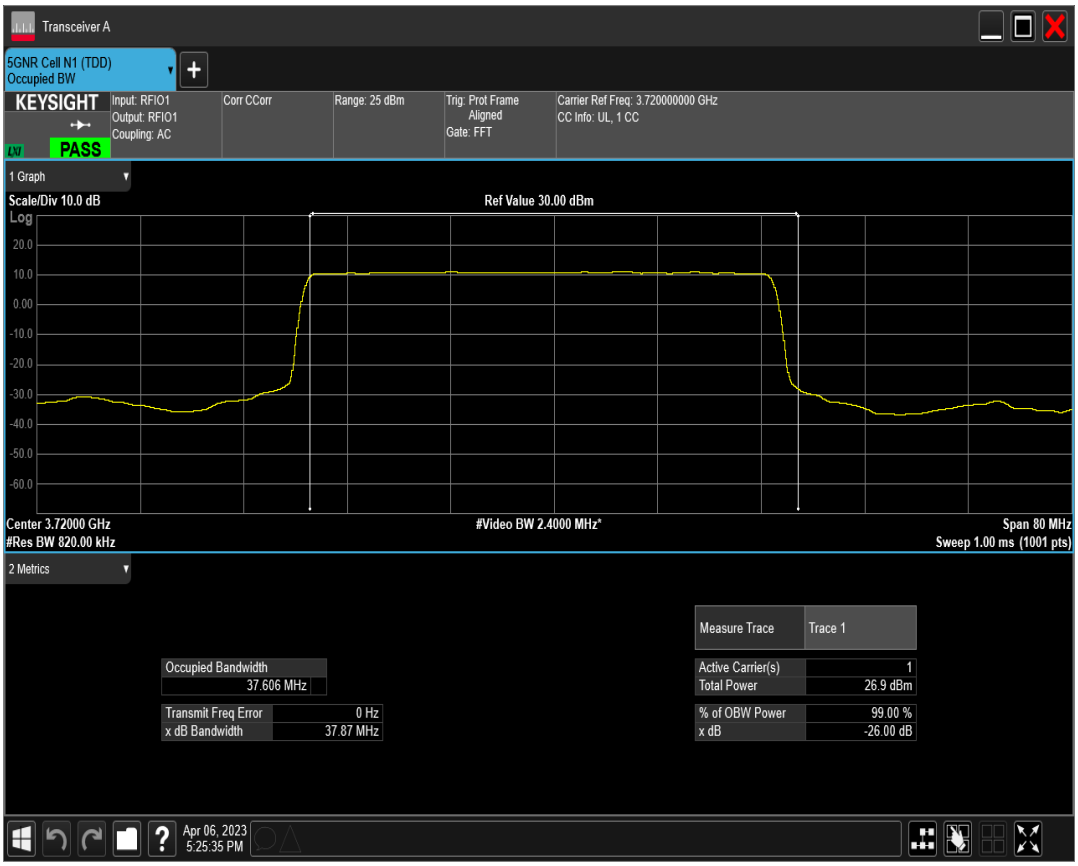
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=664332 RB=75@0

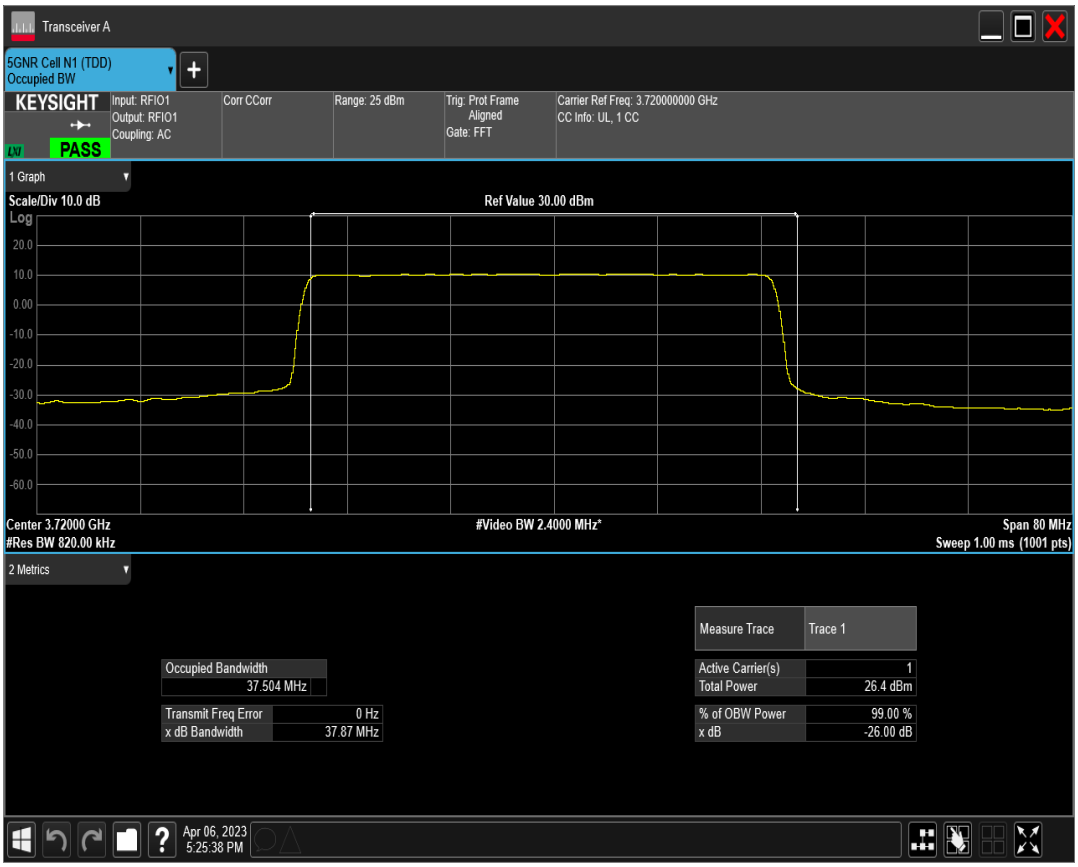


n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=664332 RB=78@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=648000 RB=100@0



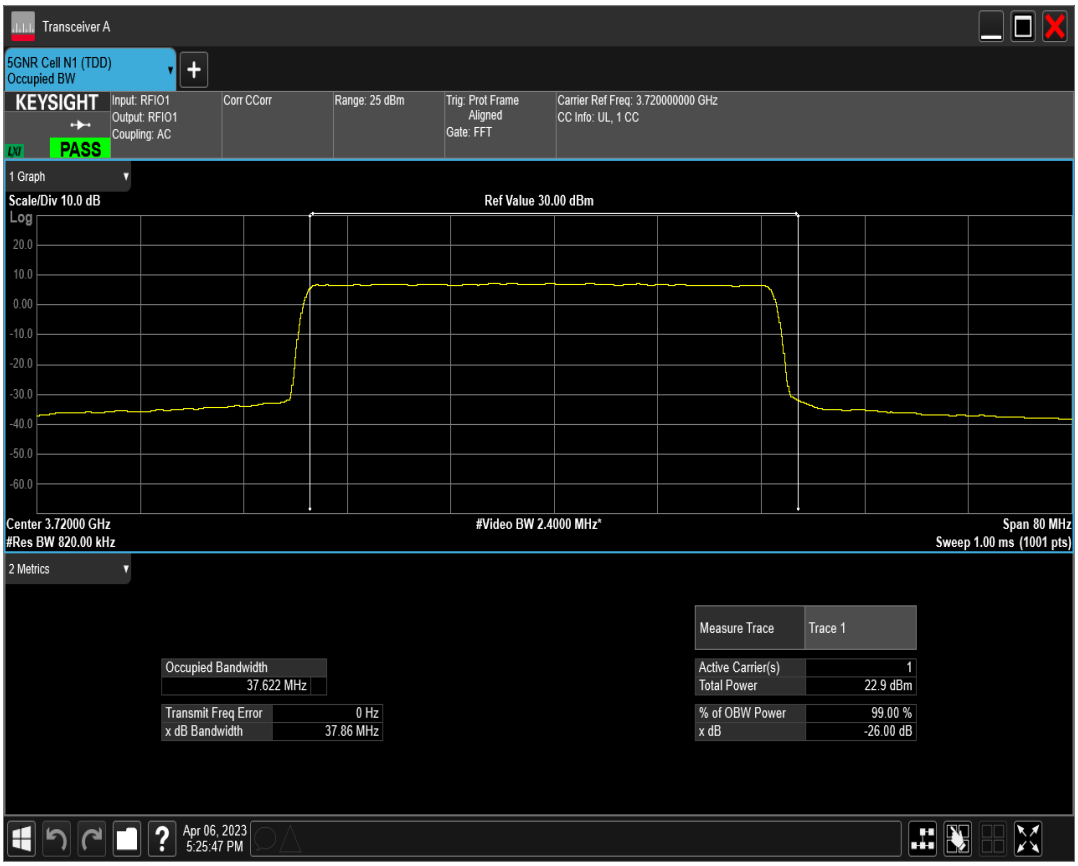
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=648000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=648000 RB=100@0

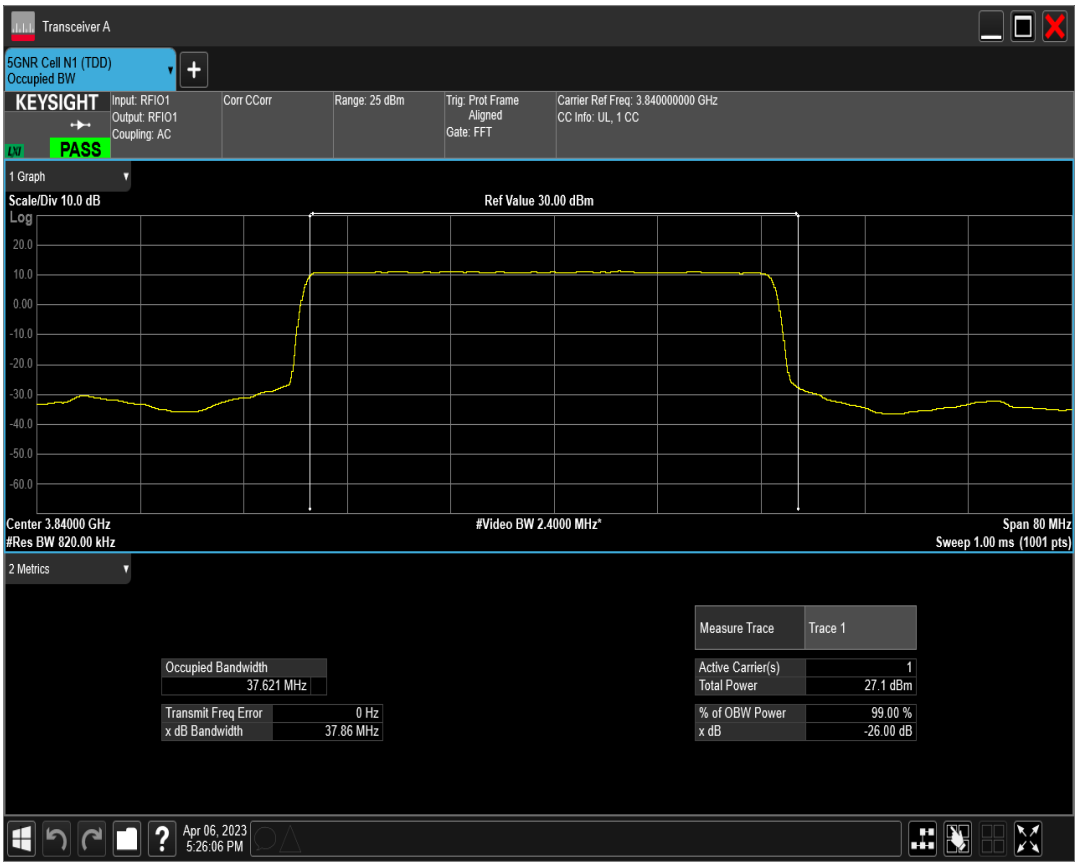
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=648000 RB=100@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=648000 RB=100@0

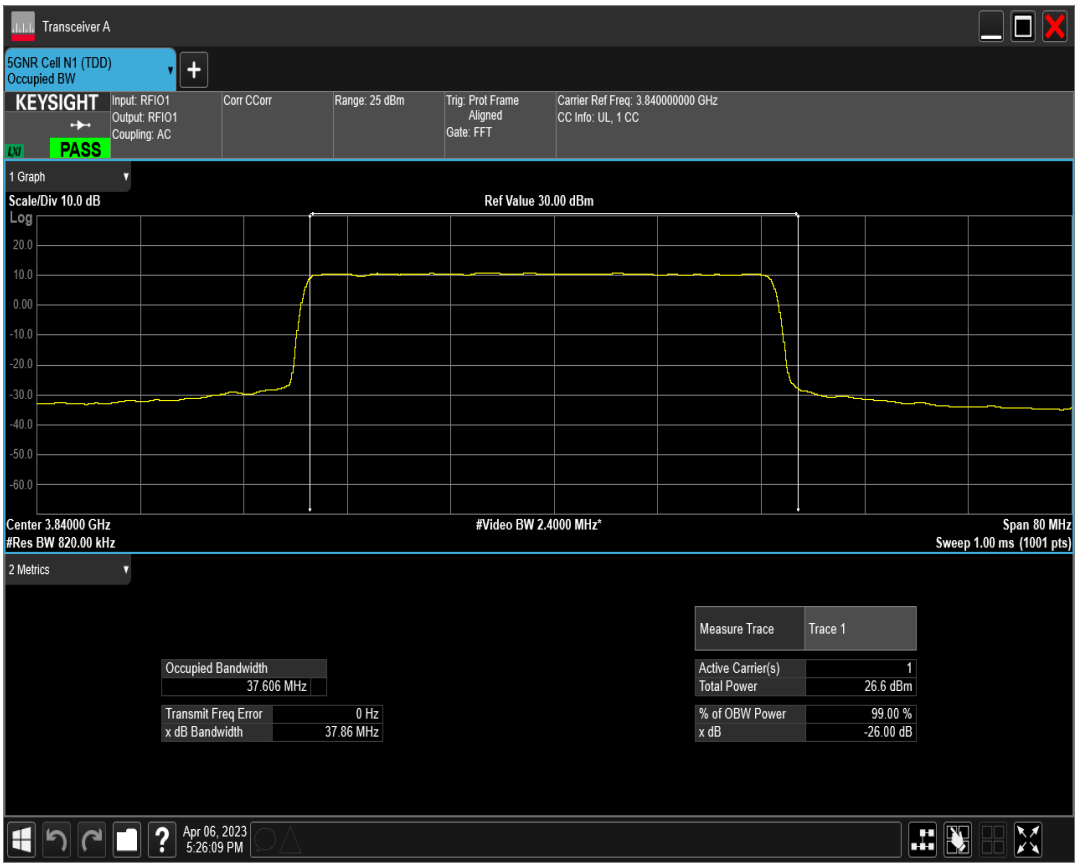


n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=648000 RB=106@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



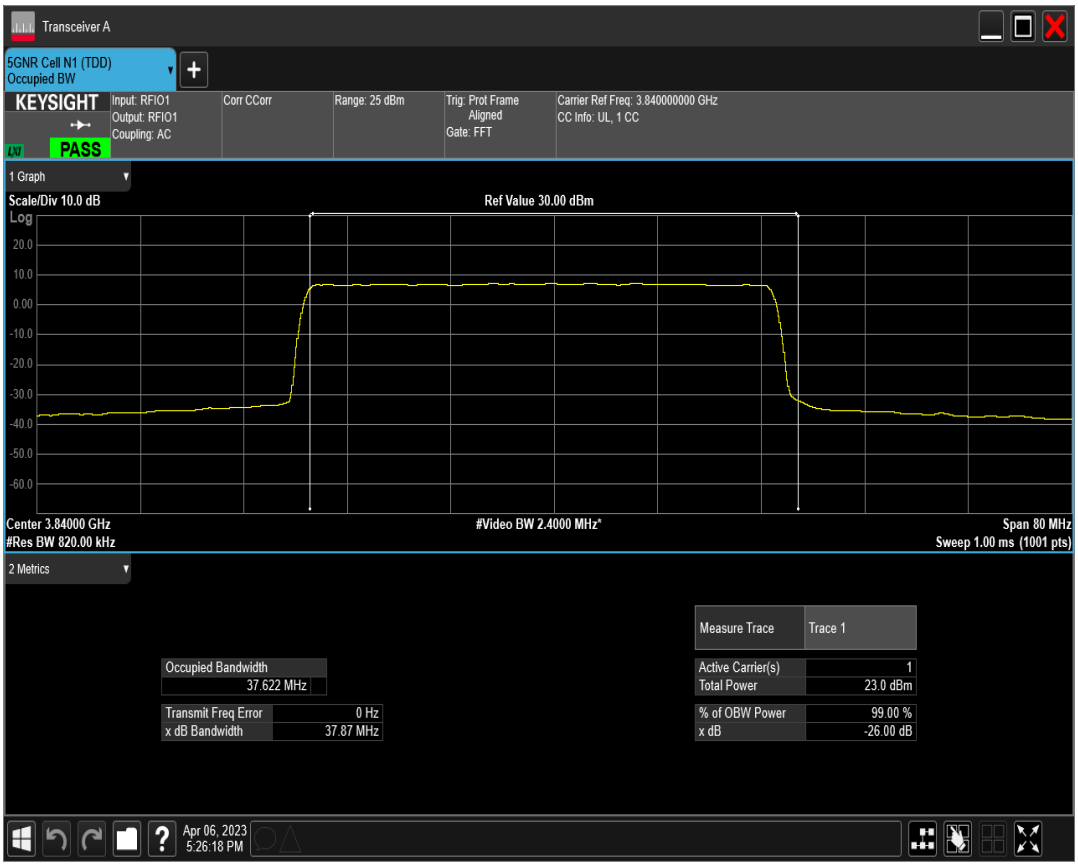
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0

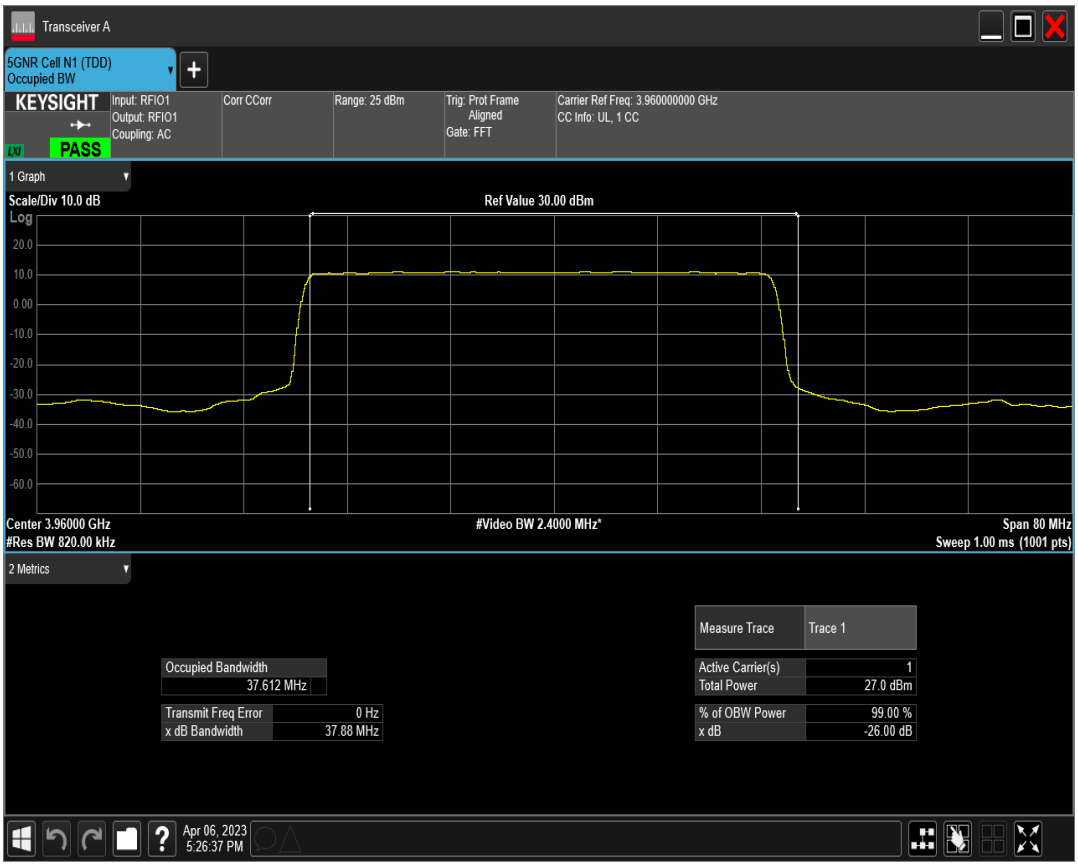
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=656000 RB=100@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=656000 RB=100@0

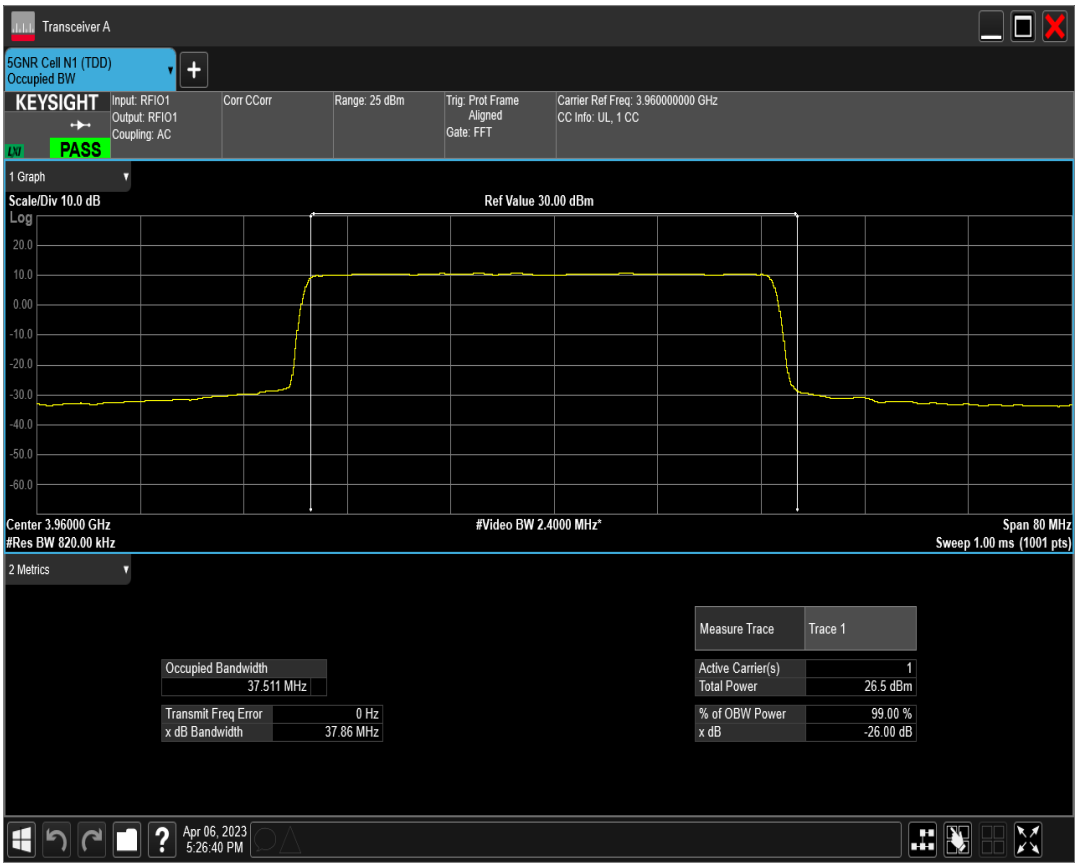


n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=656000 RB=106@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=664000 RB=100@0



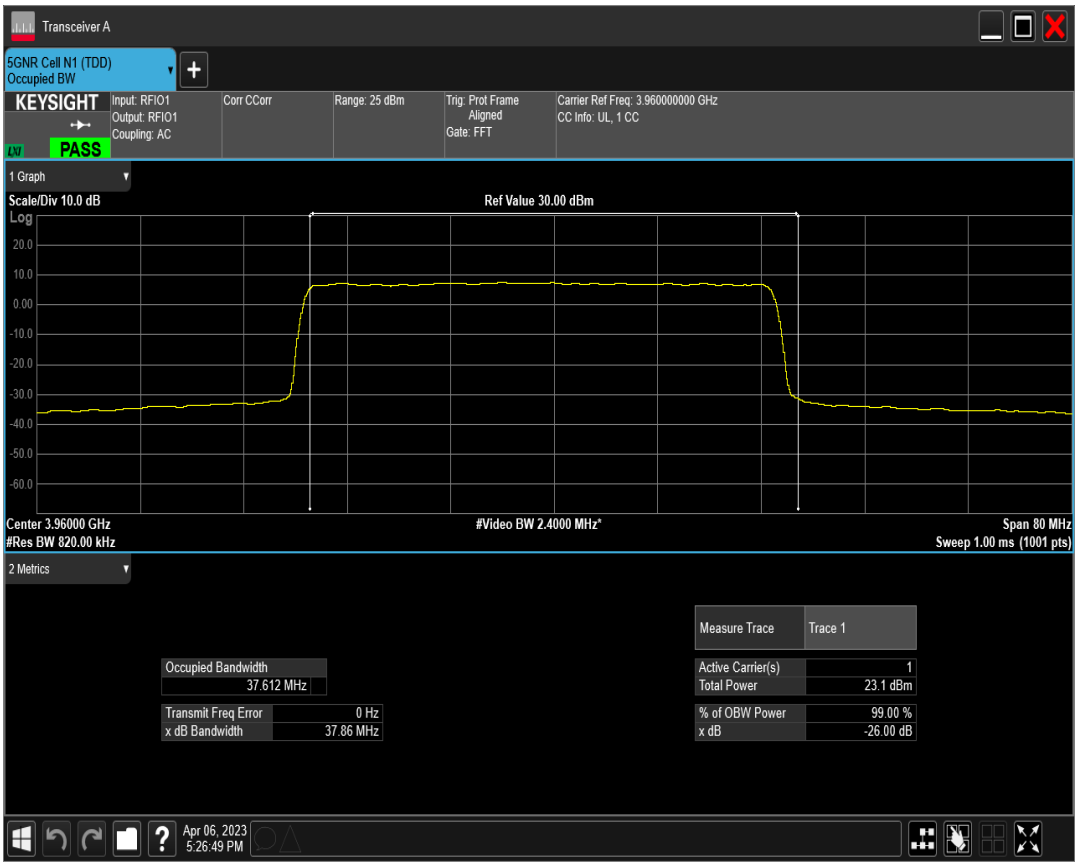
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=664000 RB=100@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=664000 RB=100@0

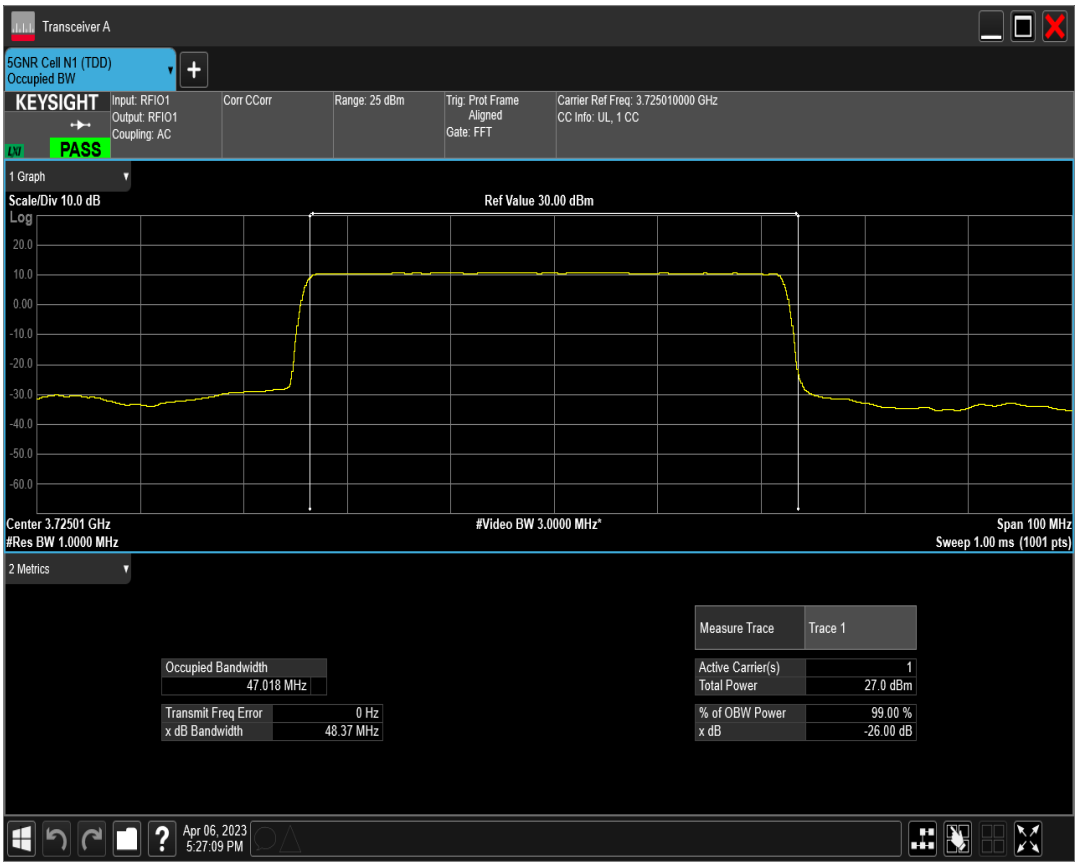
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=40MHz Channel=664000 RB=100@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=40MHz Channel=664000 RB=100@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=40MHz Channel=664000 RB=106@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=648334 RB=128@0

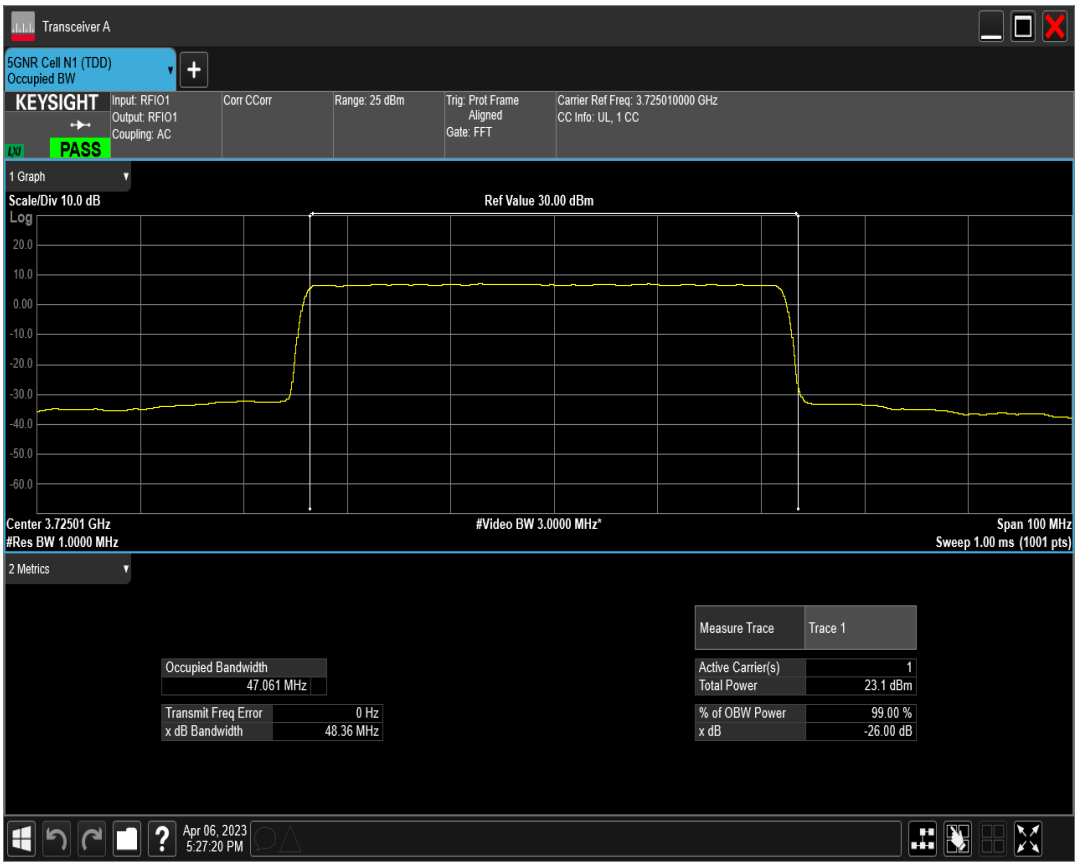


n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=648334 RB=128@0

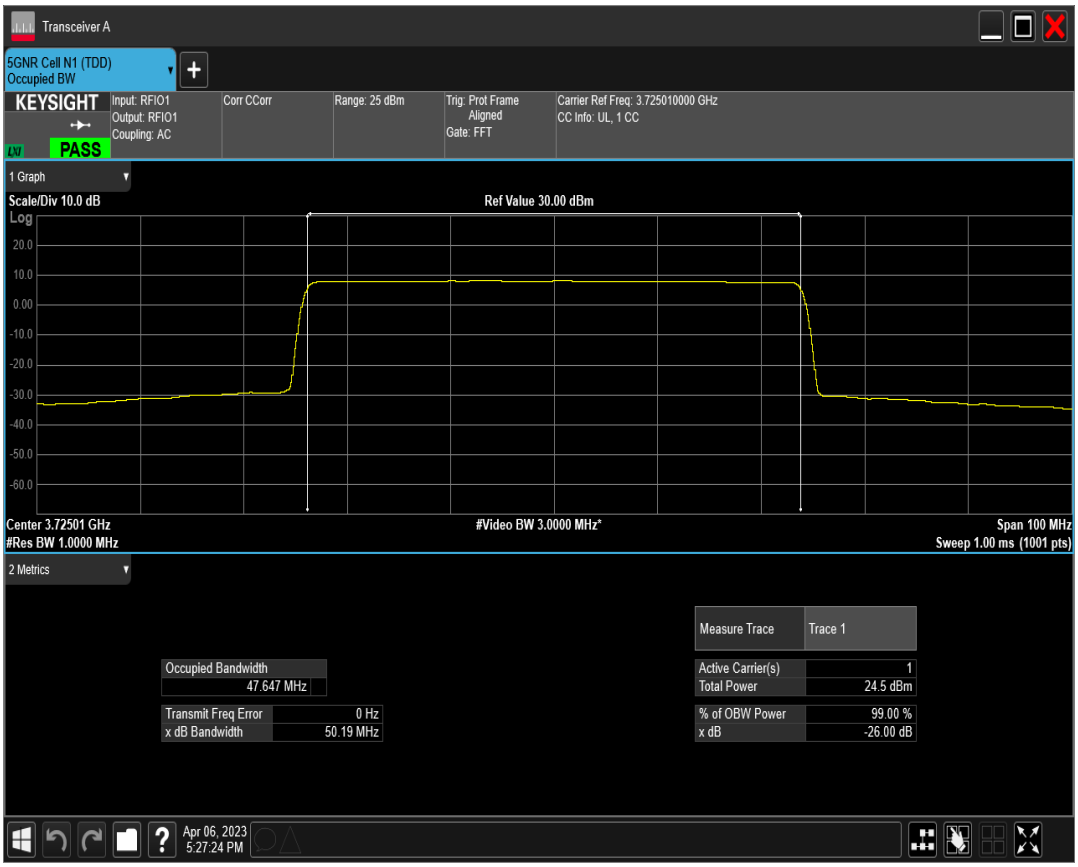
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=648334 RB=128@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=648334 RB=128@0

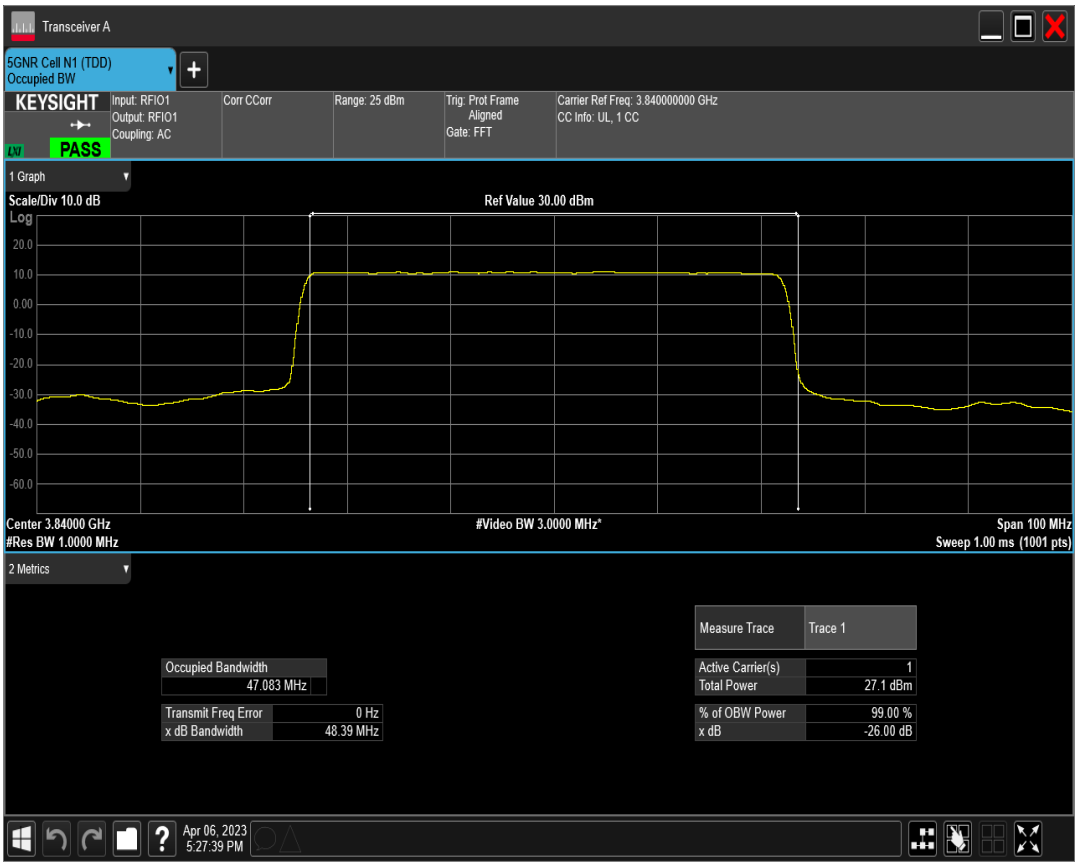
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=648334 RB=128@0



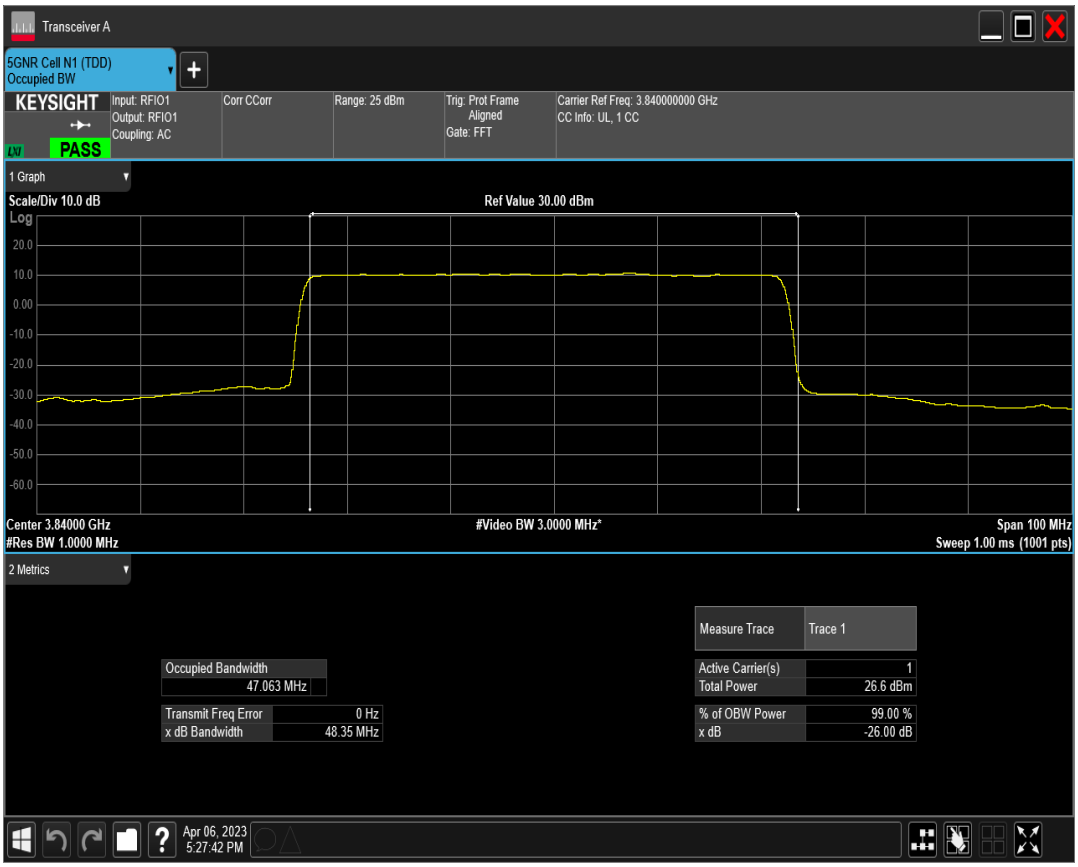
n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=648334 RB=133@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



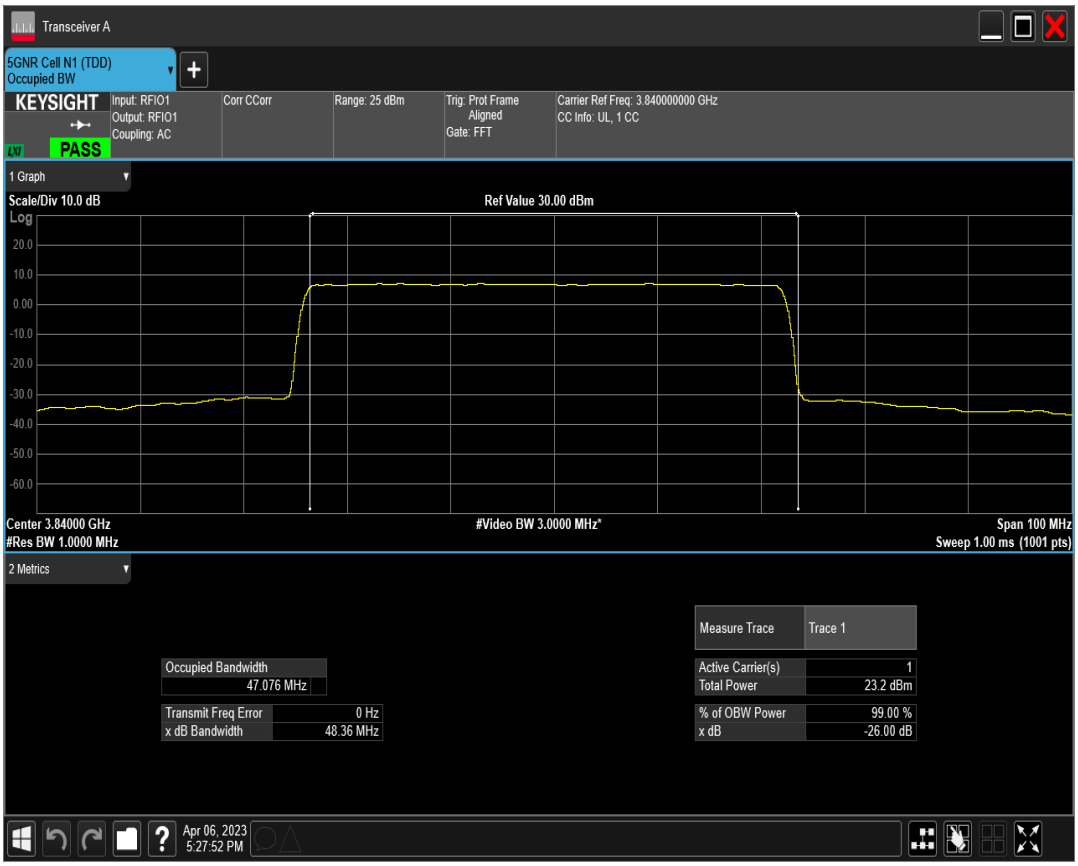
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0

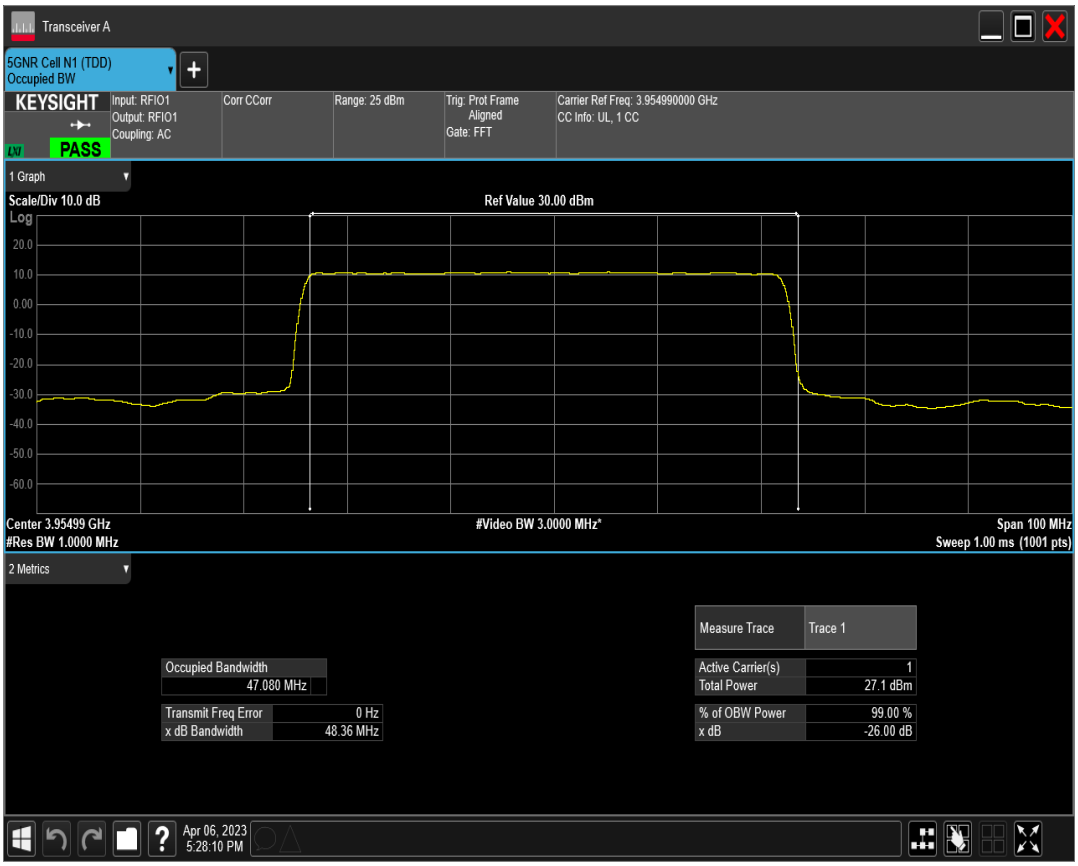
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=656000 RB=133@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=663666 RB=128@0

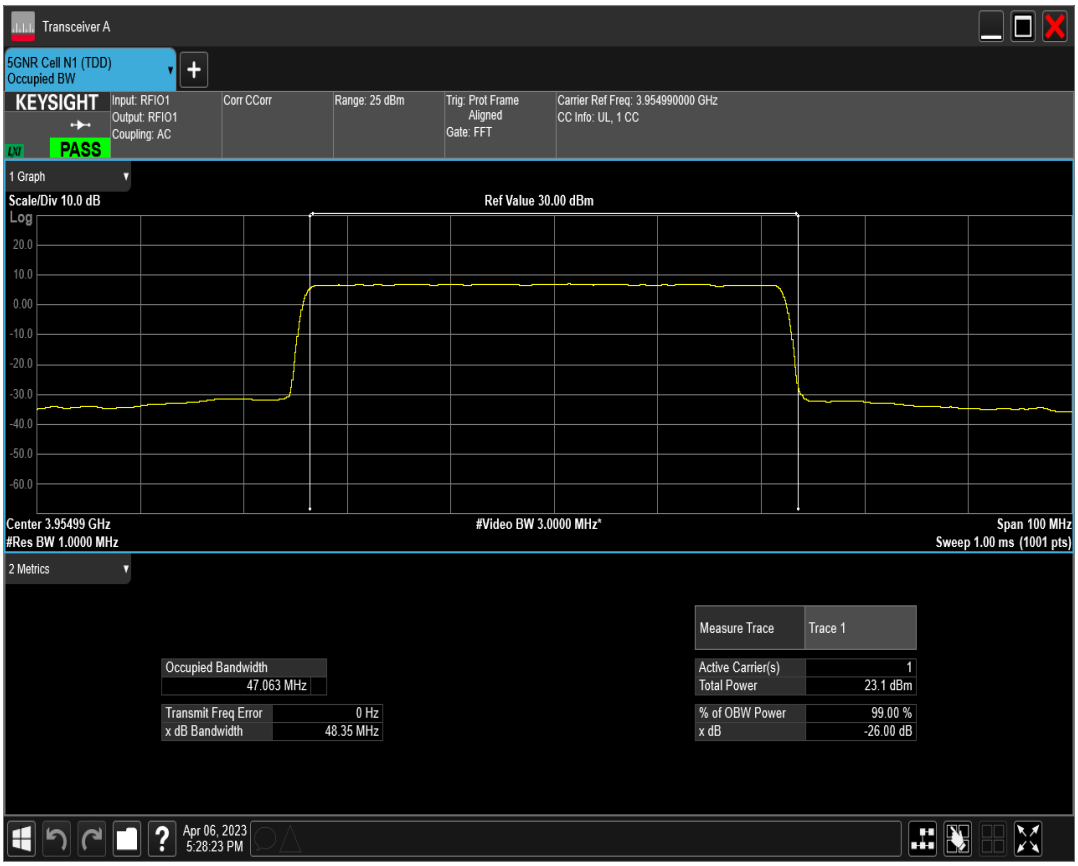


n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=663666 RB=128@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=663666 RB=128@0

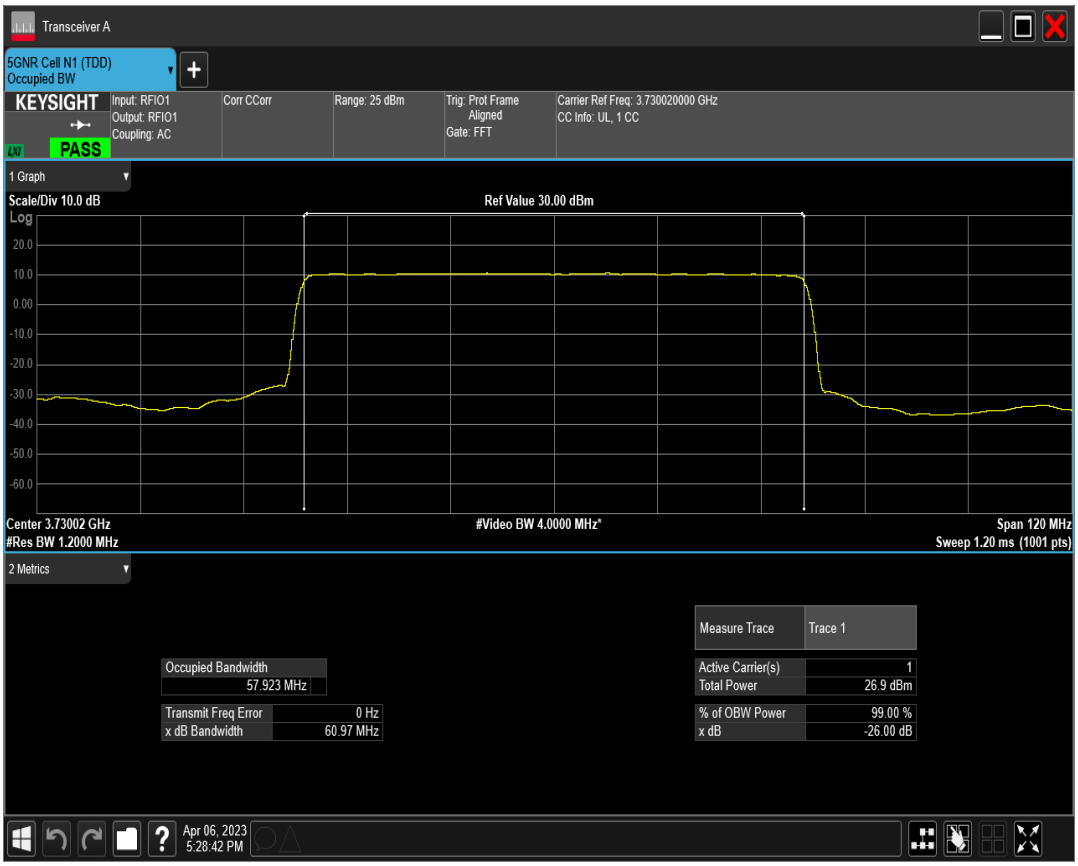
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=663666 RB=128@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=663666 RB=128@0

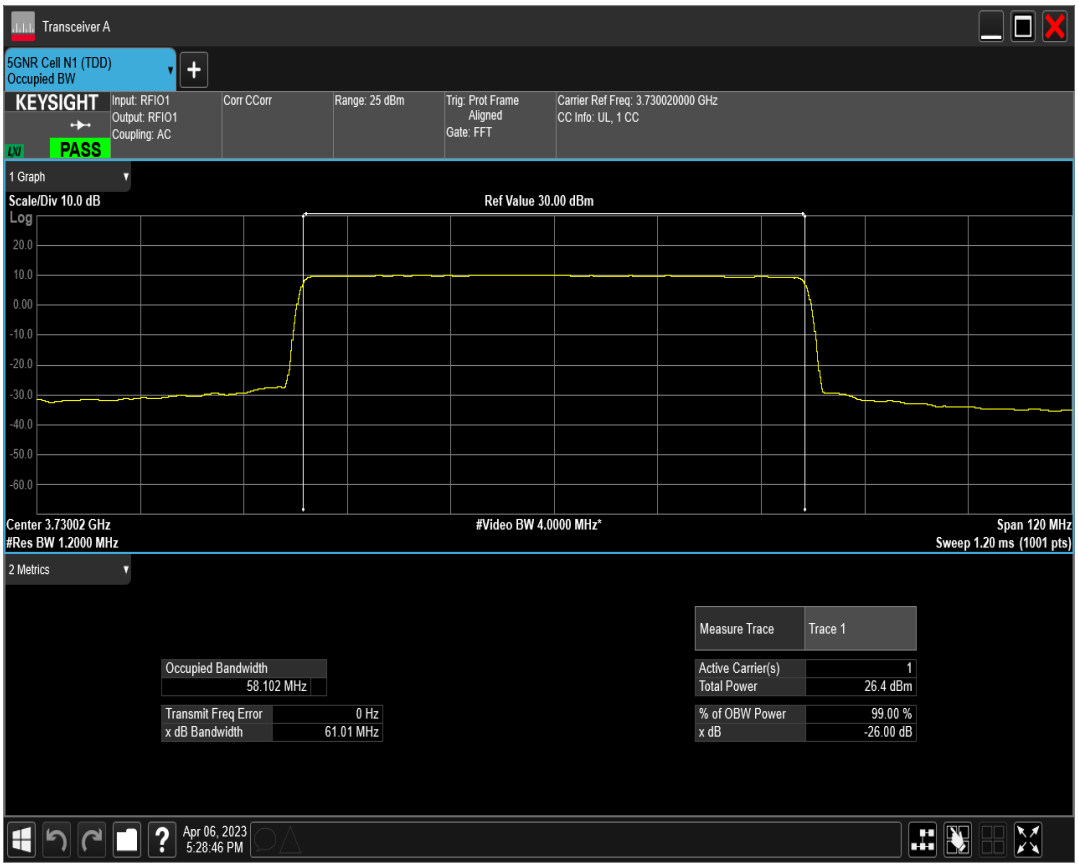


n77(3700-3980) SCS=30kHz CP_QPSK BW=50MHz Channel=663666 RB=133@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=648668 RB=162@0



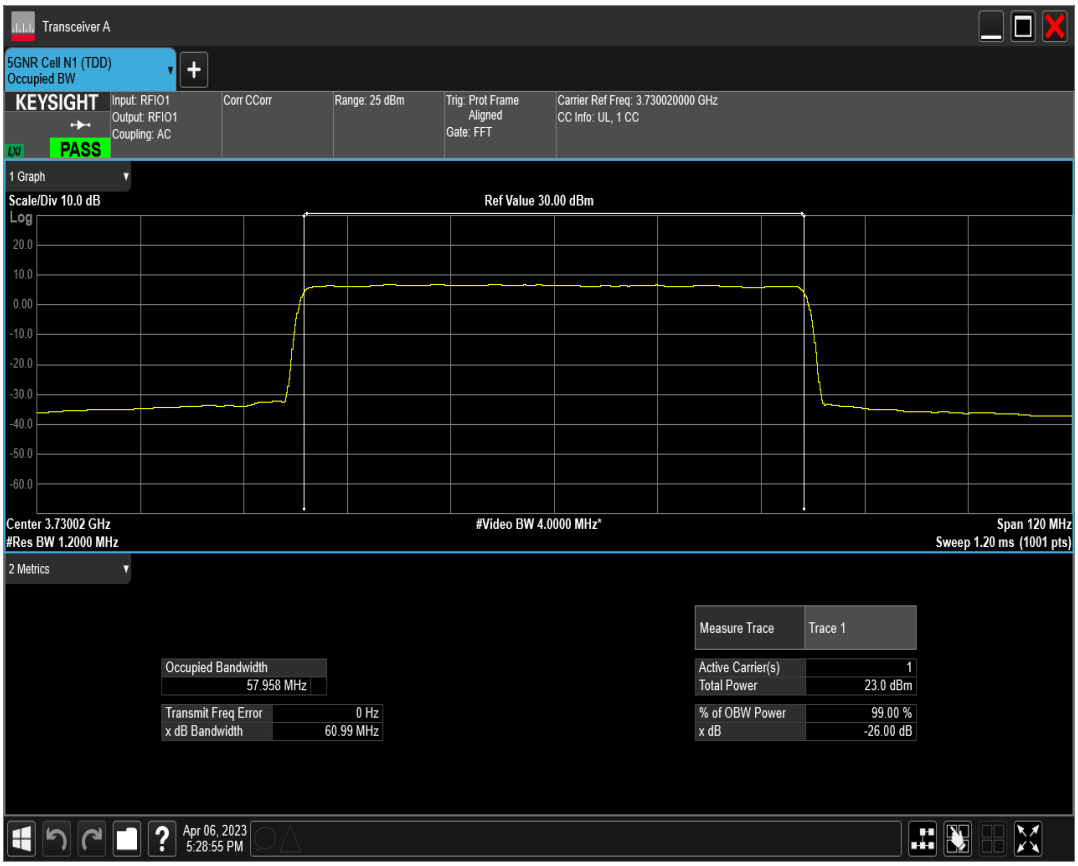
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=648668 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=648668 RB=162@0

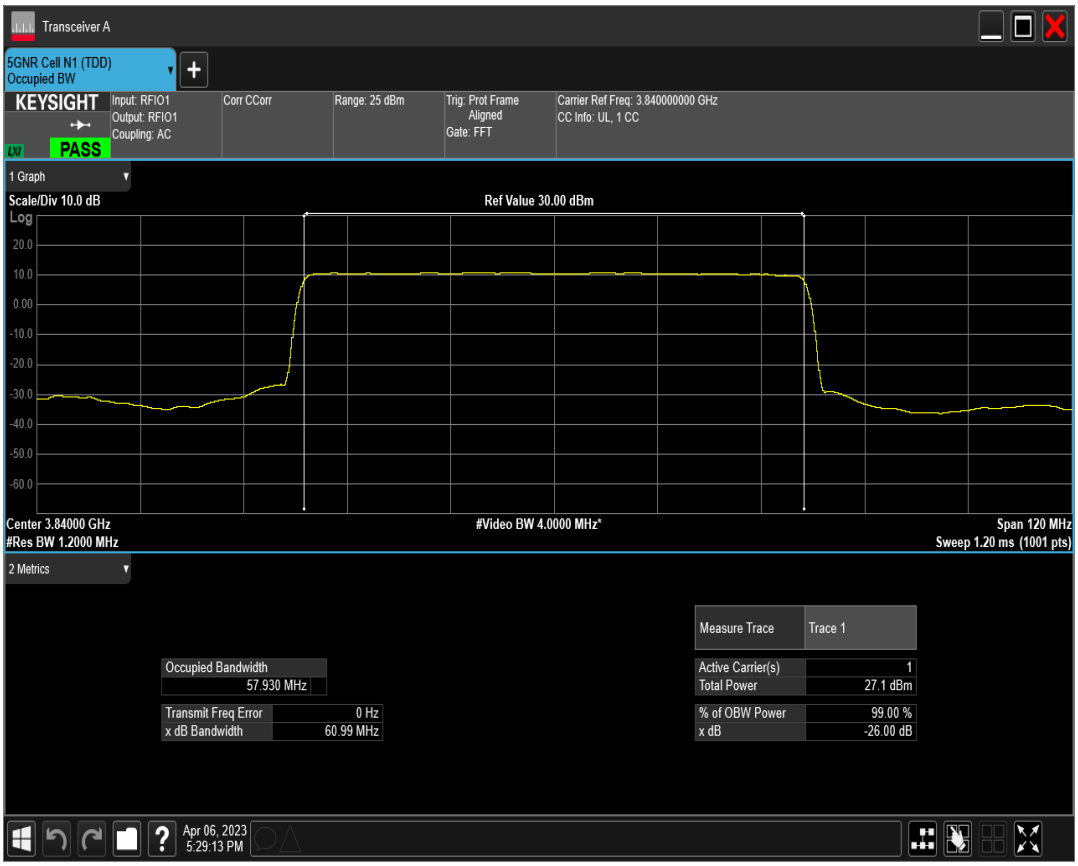
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=648668 RB=162@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=648668 RB=162@0

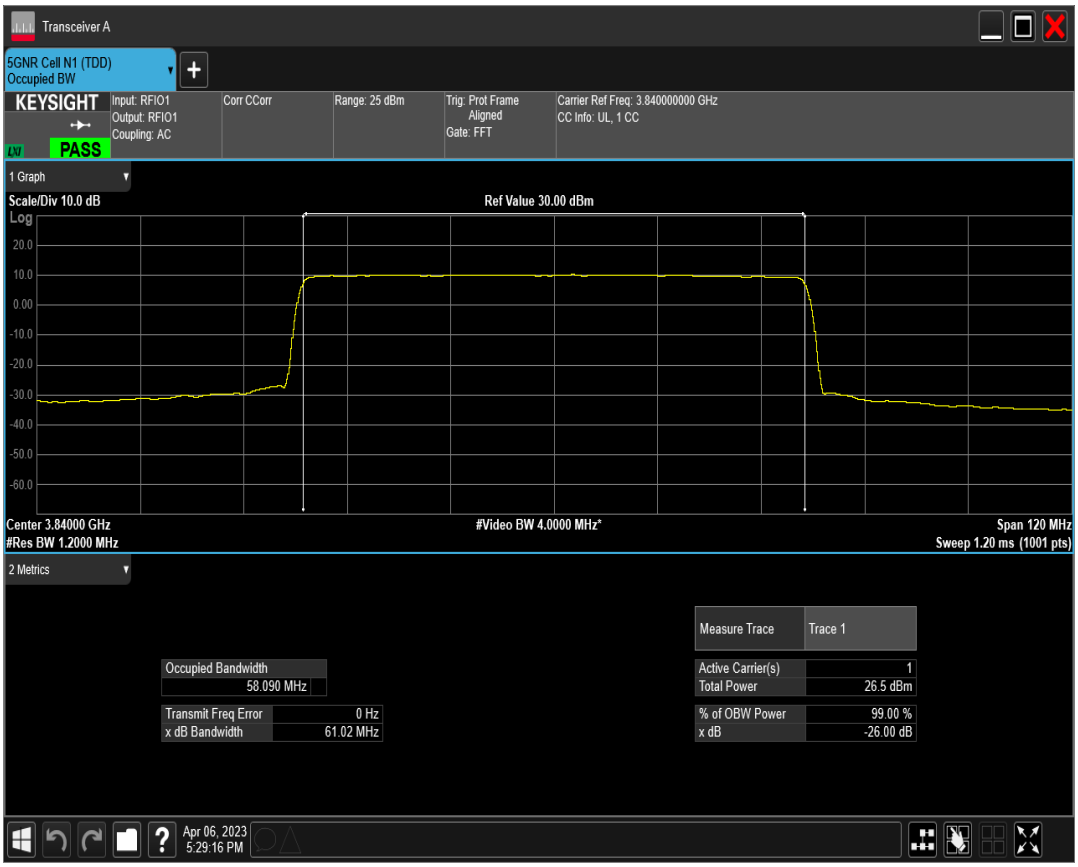


n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz Channel=648668 RB=162@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



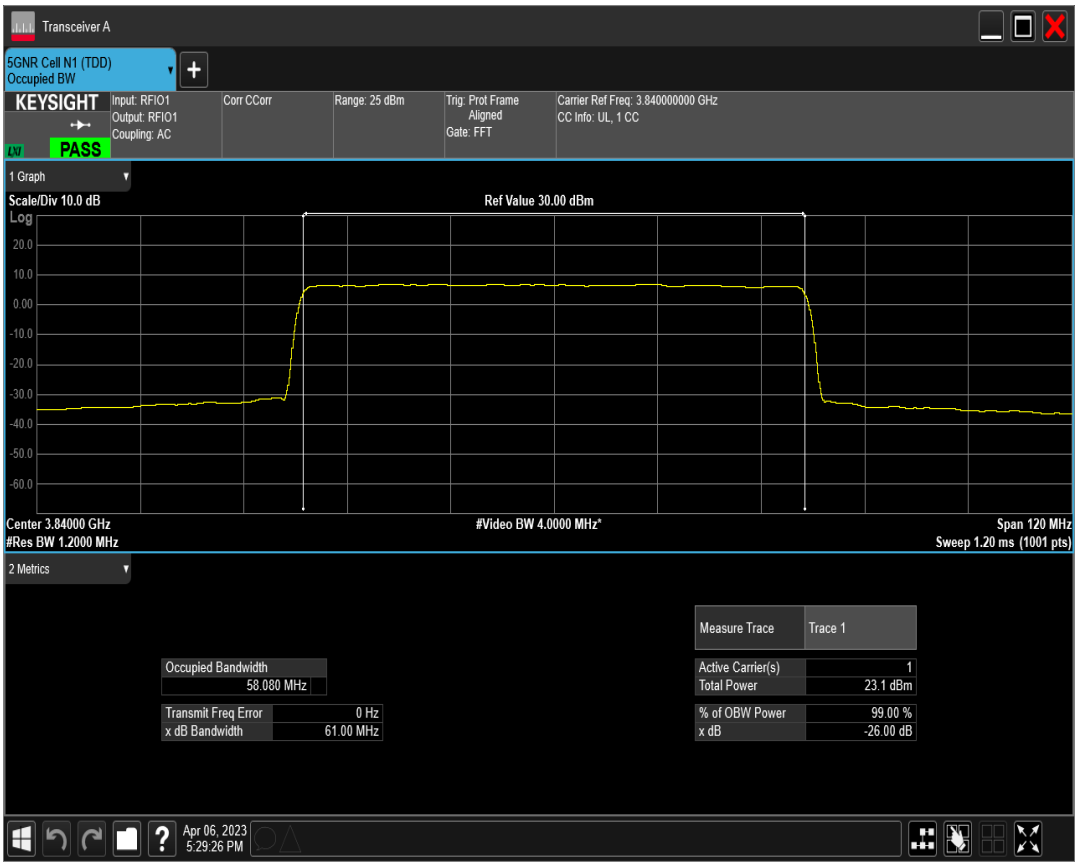
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0

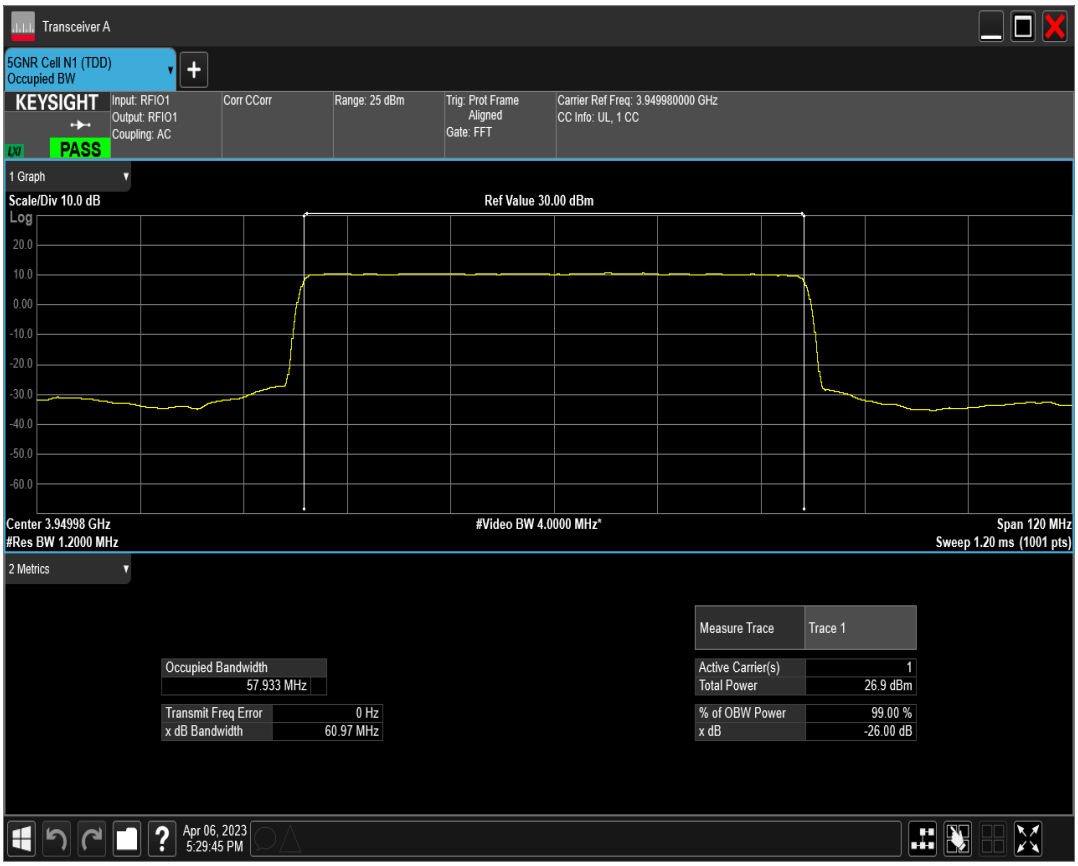
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0

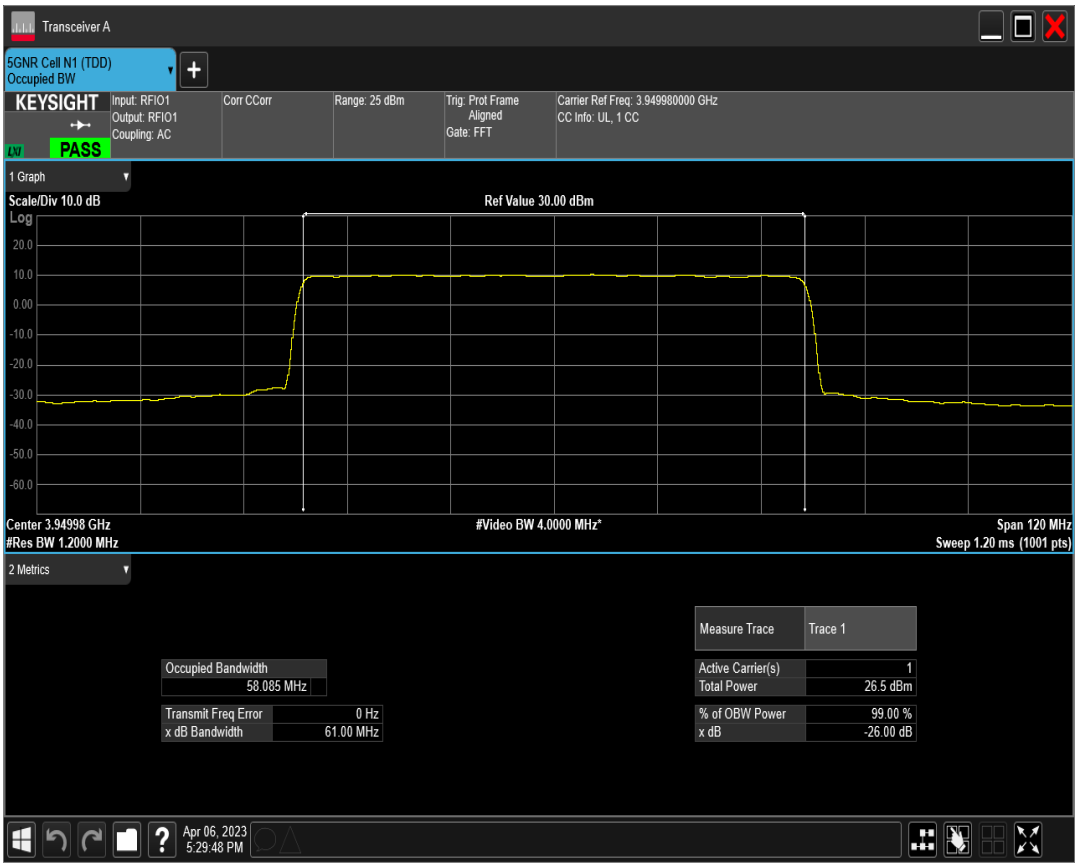


n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz Channel=656000 RB=162@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=663332 RB=162@0



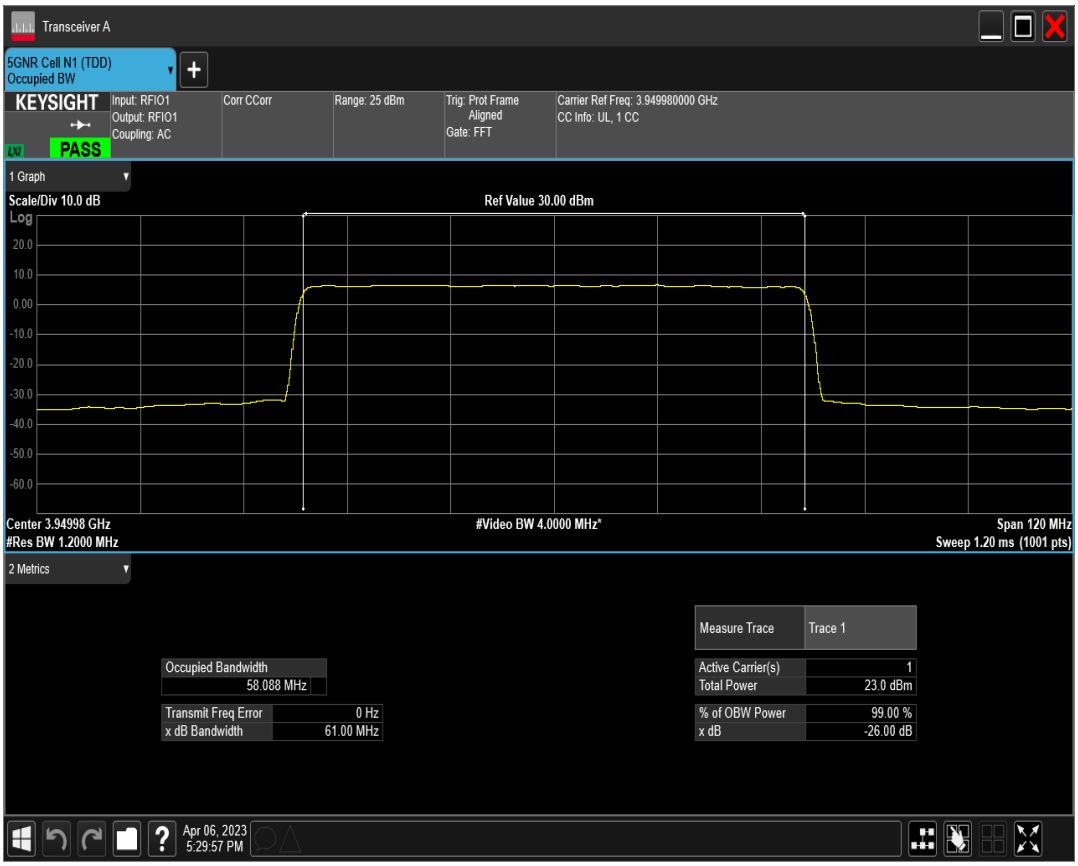
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=663332 RB=162@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=663332 RB=162@0

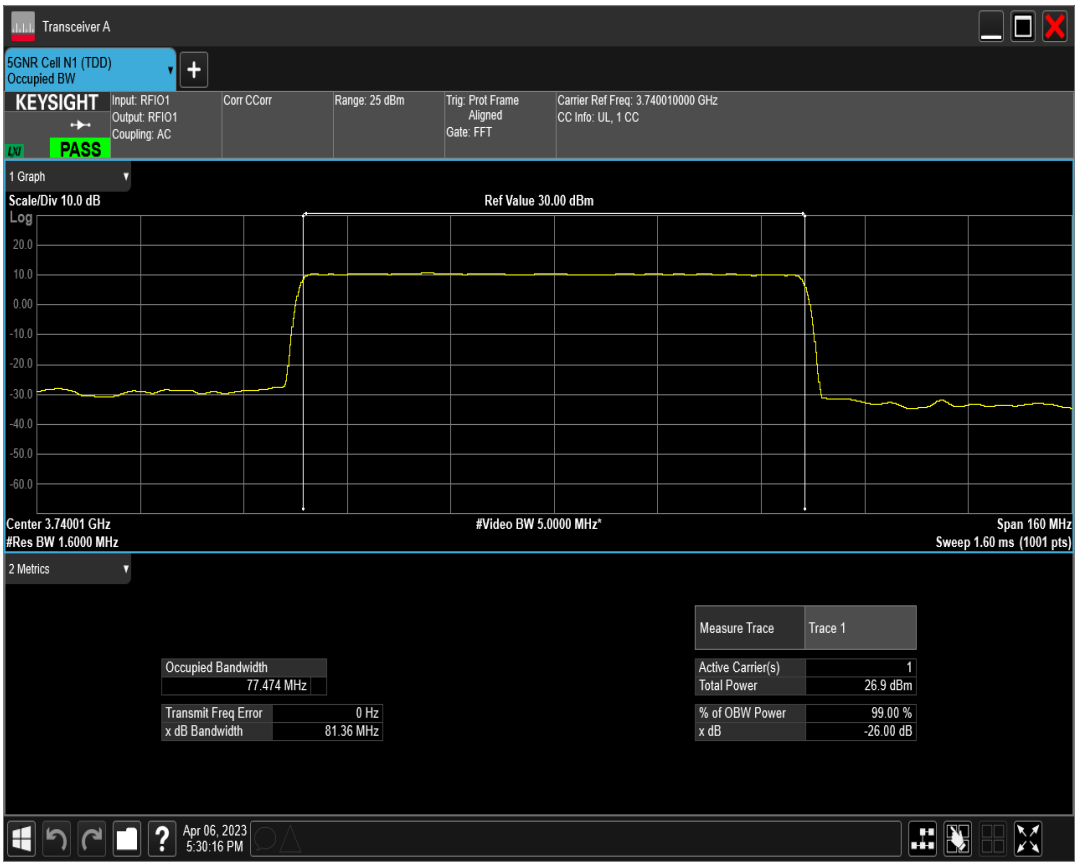
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=663332 RB=162@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=663332 RB=162@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=60MHz Channel=663332 RB=162@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=649334 RB=216@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=649334 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=649334 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=649334 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=649334 RB=216@0

n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz Channel=649334 RB=217@0

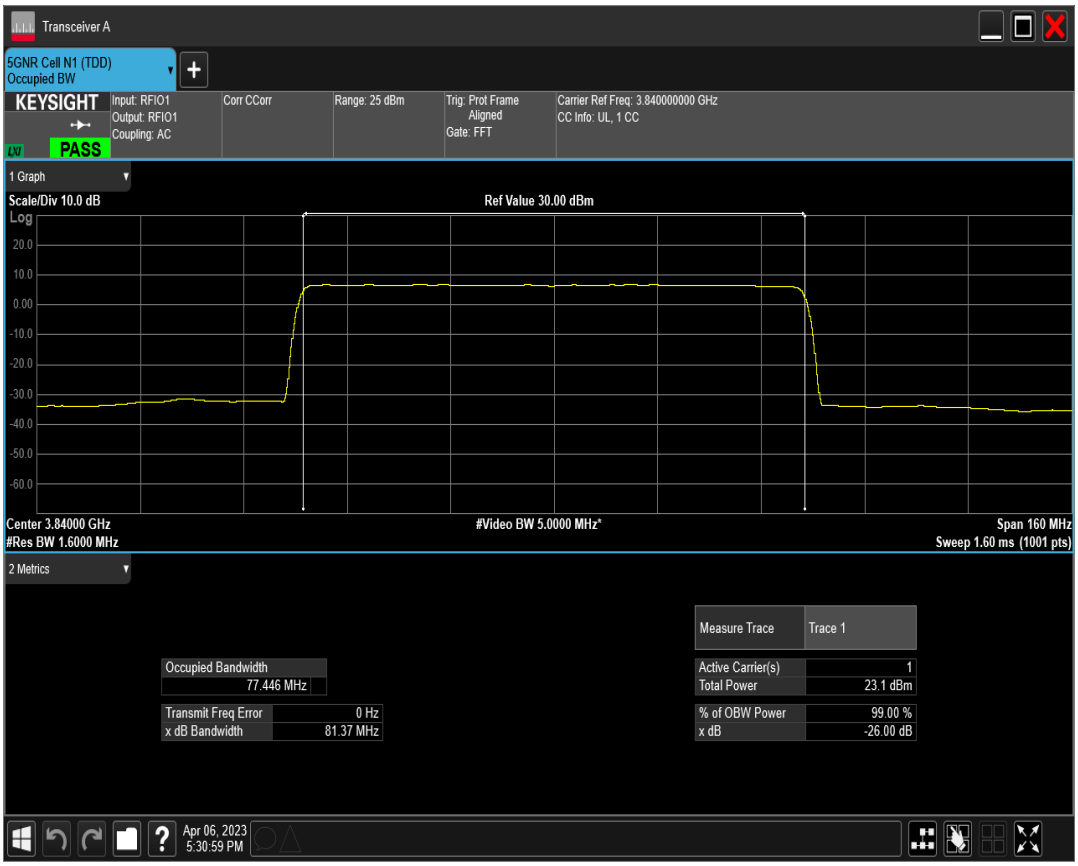
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz Channel=656000 RB=217@0

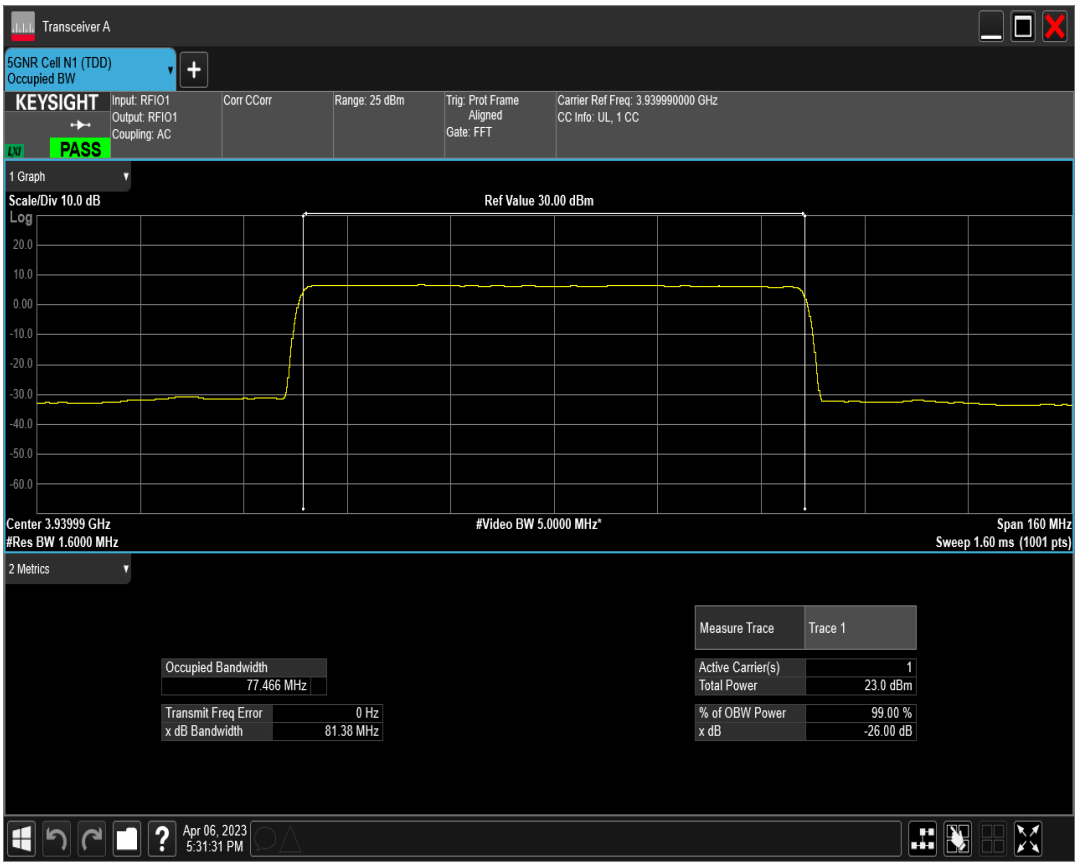
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=662666 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=662666 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=662666 RB=216@0

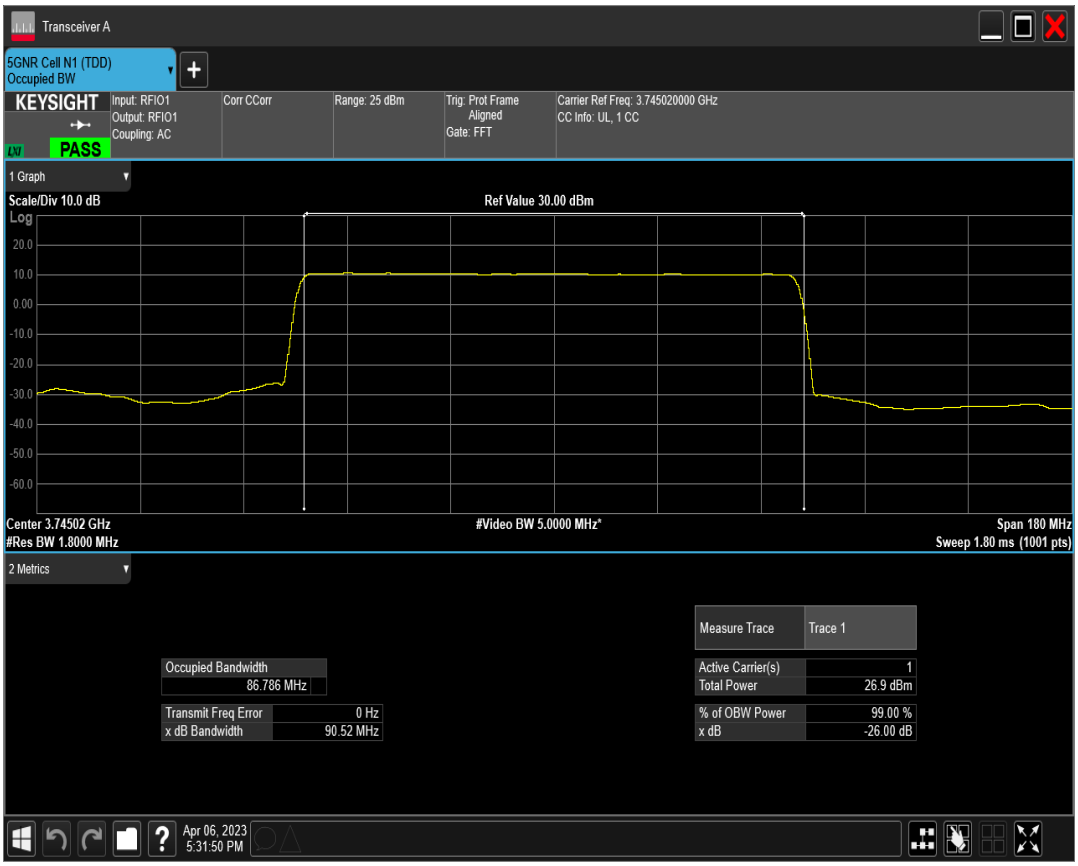
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=662666 RB=216@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=662666 RB=216@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz Channel=662666 RB=217@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=649668 RB=240@0

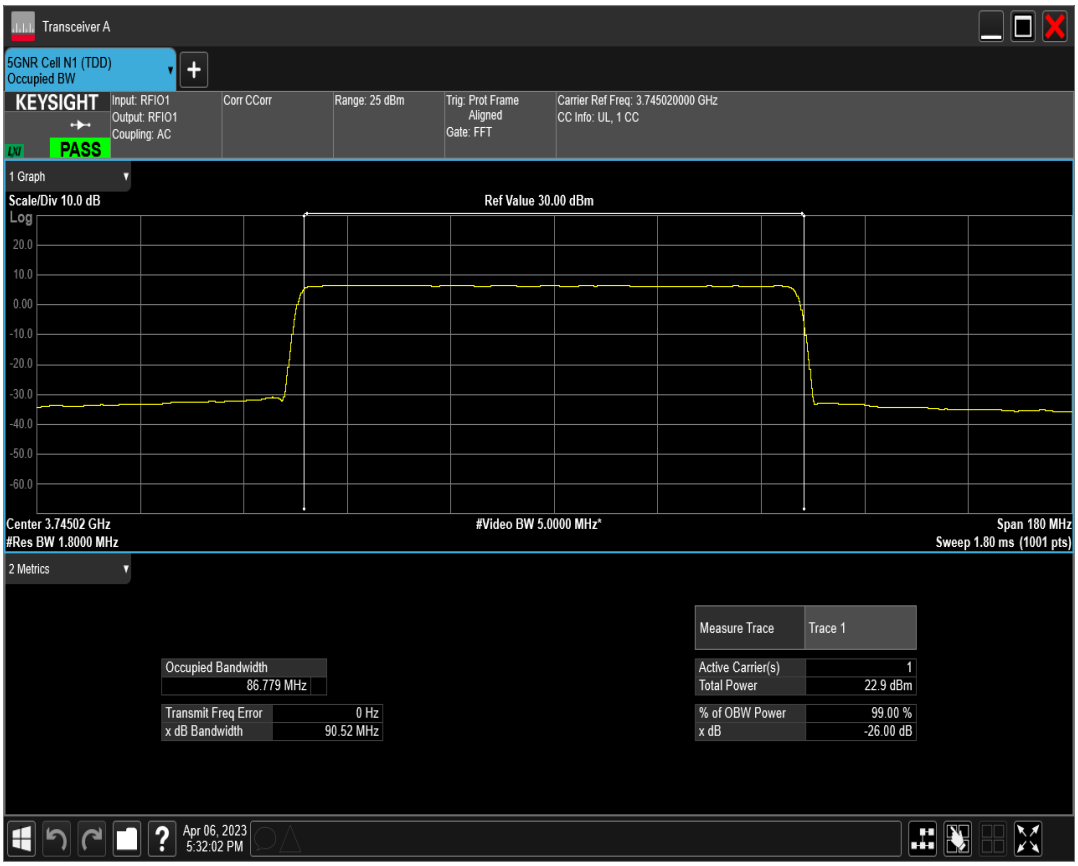


n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=649668 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=649668 RB=240@0

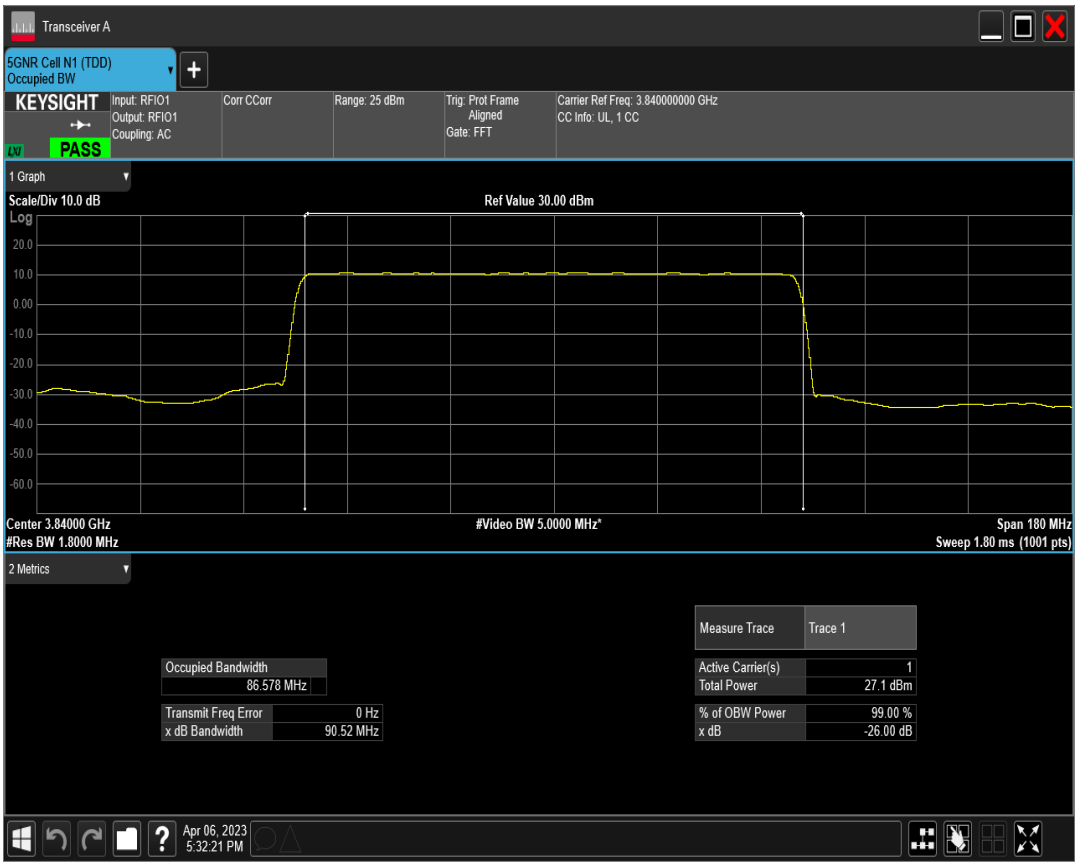
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=649668 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=649668 RB=240@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=649668 RB=245@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0

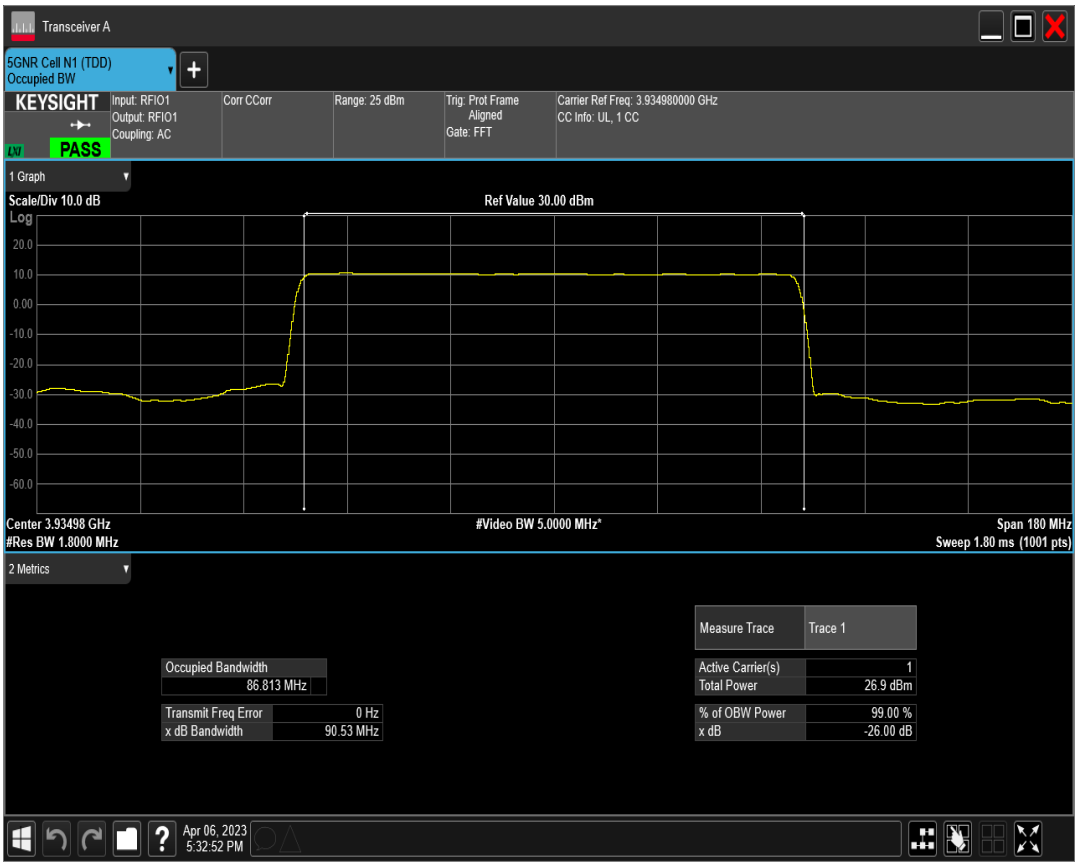
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0

n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=656000 RB=245@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=662332 RB=240@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=662332 RB=240@0

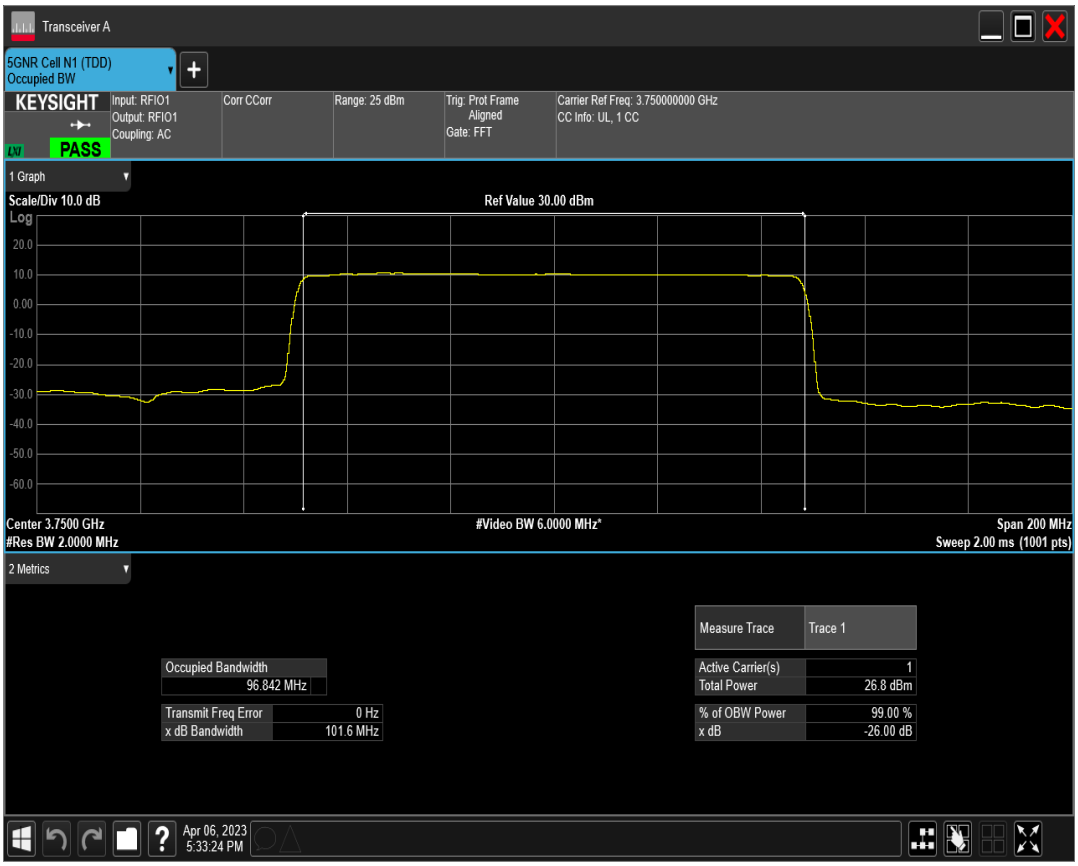
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=662332 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=662332 RB=240@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=662332 RB=240@0

n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz Channel=662332 RB=245@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=650000 RB=270@0

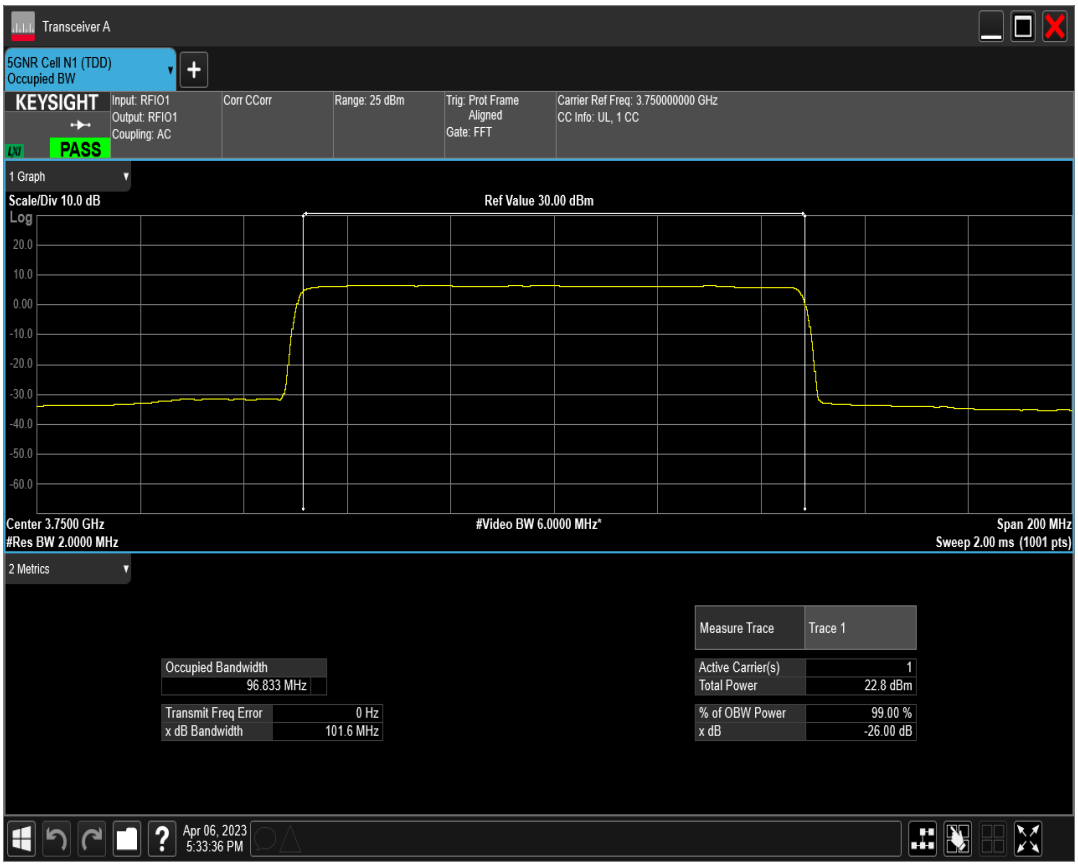


n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=650000 RB=270@0

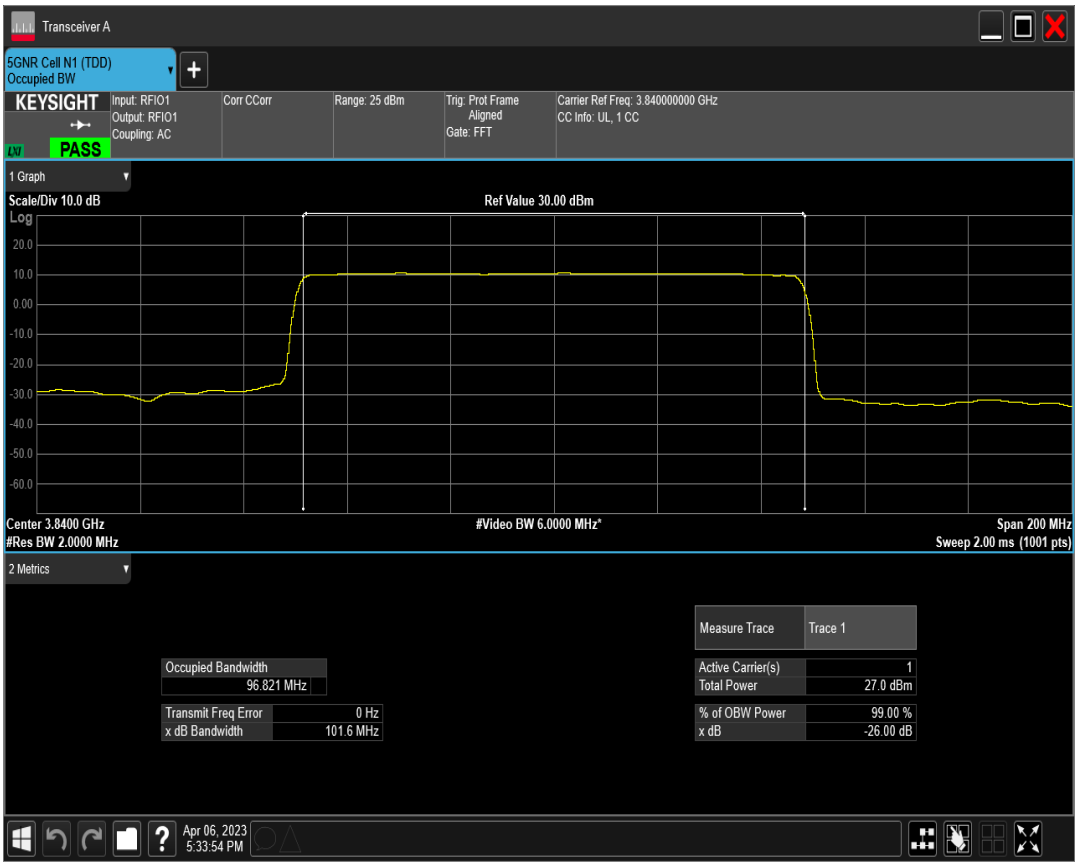
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=650000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=650000 RB=270@0

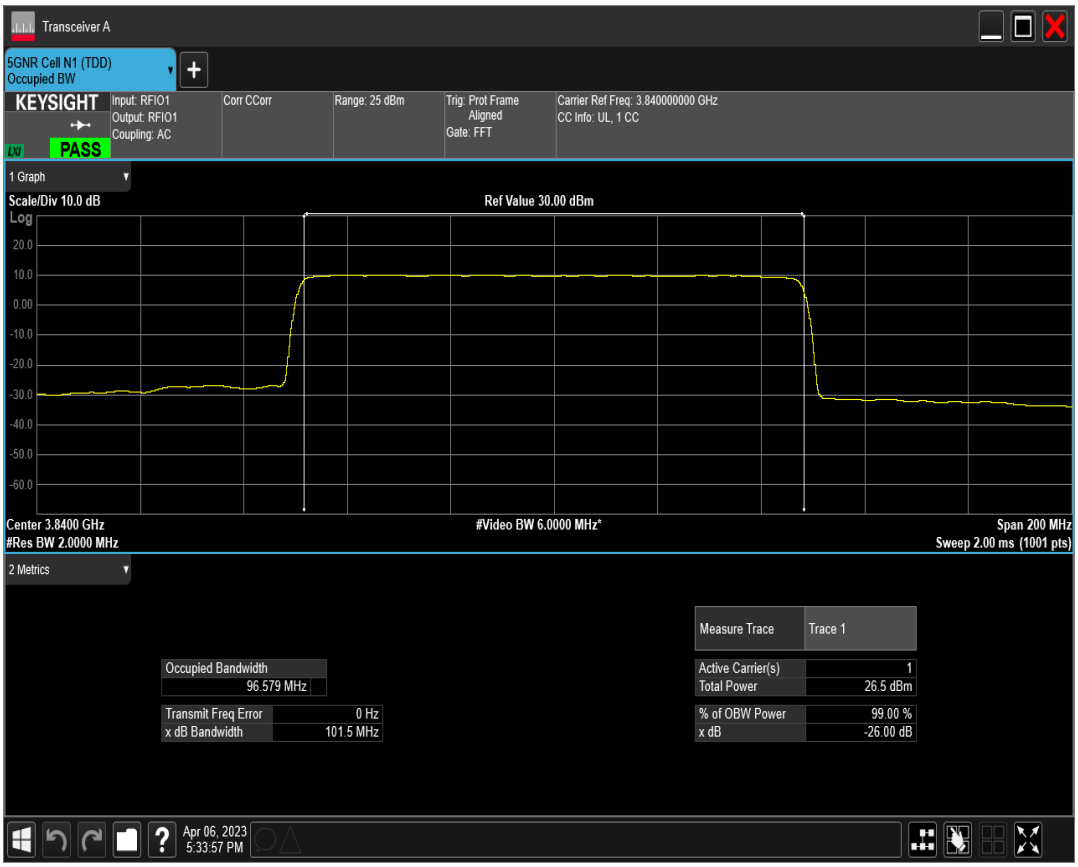


n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



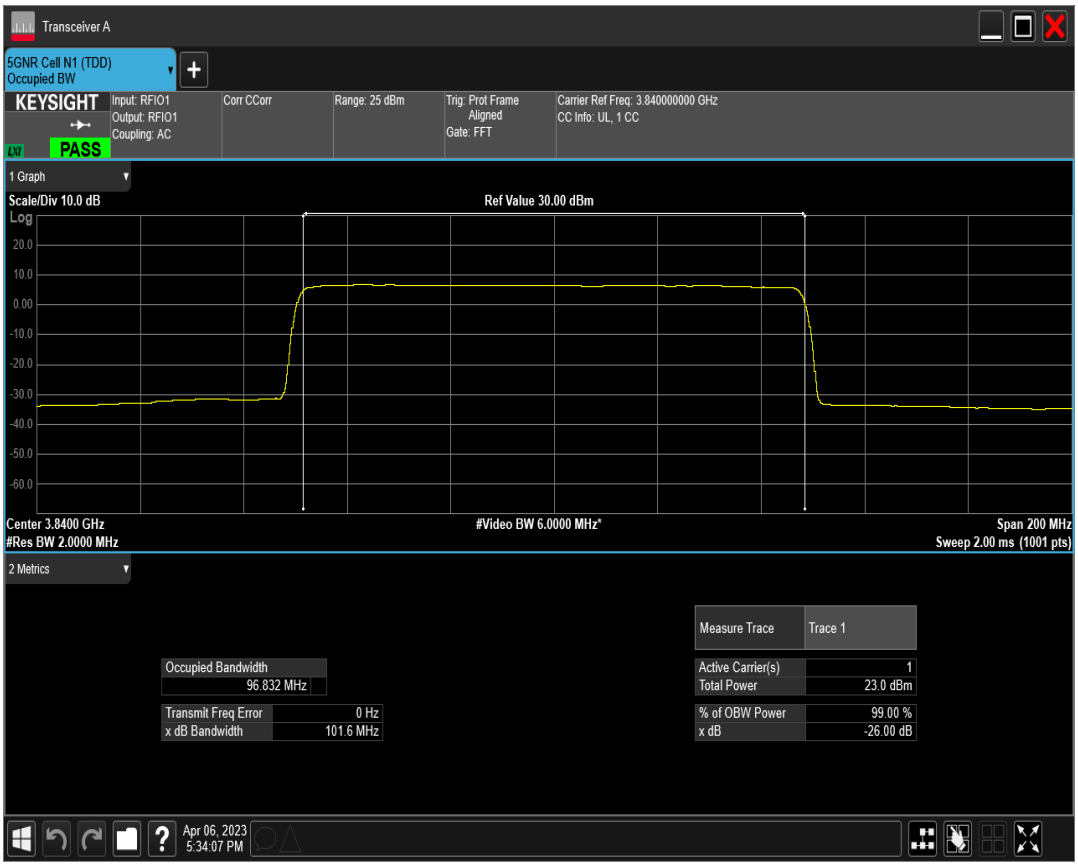
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0

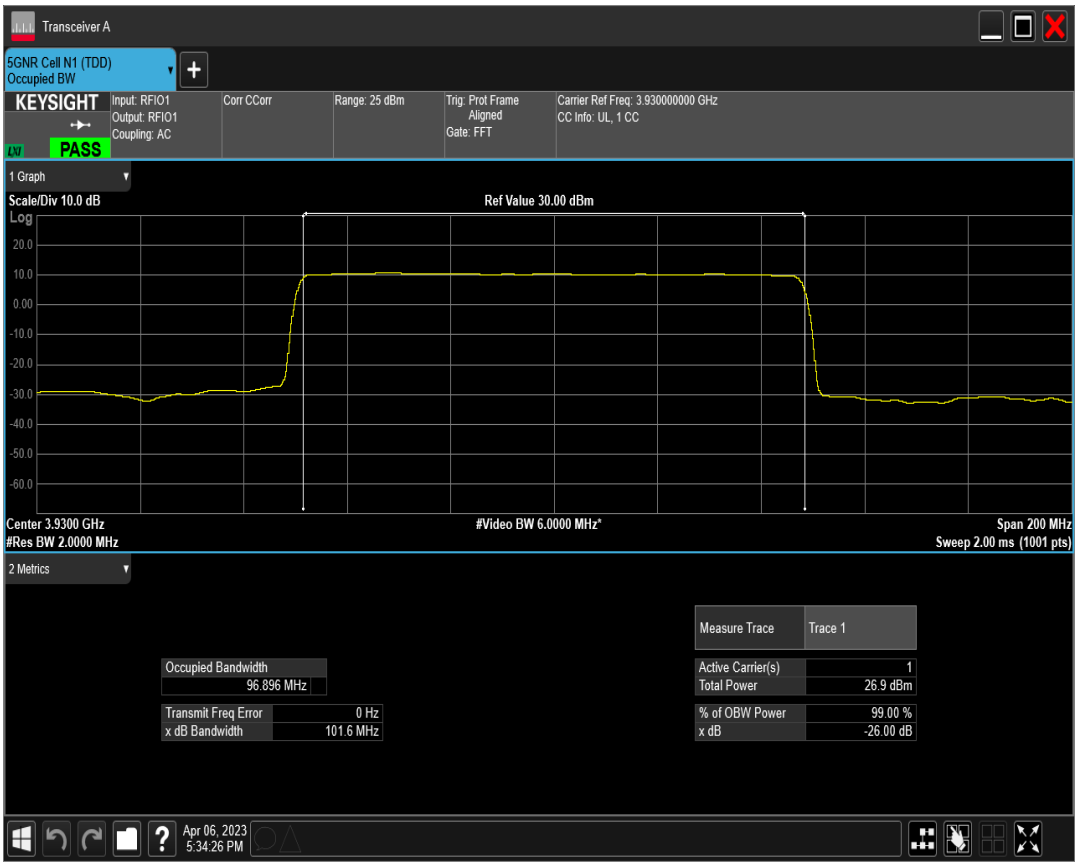
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=656000 RB=273@0

n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=662000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=662000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=662000 RB=270@0

n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=662000 RB=270@0

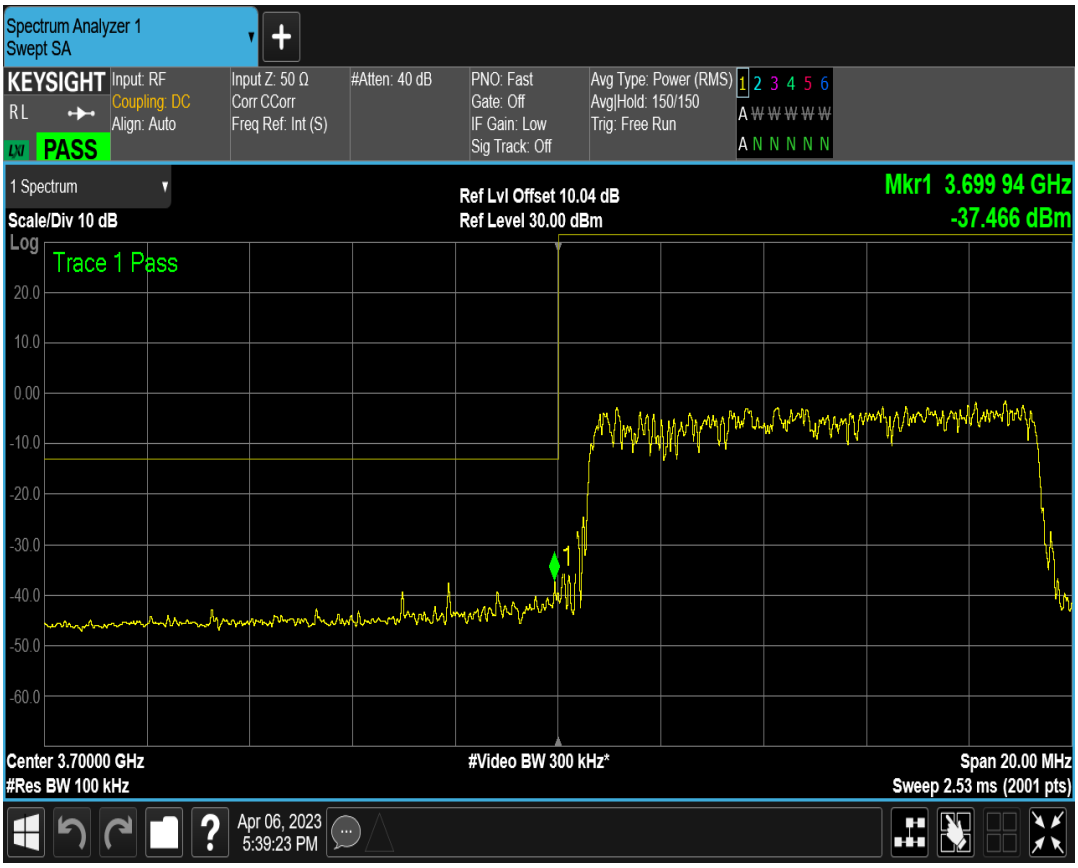
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz Channel=662000 RB=273@0

Transceiver A
5GNR Cell N1 (TDD)
Occupied BW
KEYSIGHT
PASS
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: 25 dBm
Trig: Prot Frame
Aligned
Gate: FFT
Carrier Ref Freq: 3.930000000 GHz
CC Info: UL, 1 CC
1 Graph
Scale/Div 10.0 dB
Ref Value 30.00 dBm
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 3.9300 GHz
#Res BW 2.0000 MHz
#Video BW 6.0000 MHz*
Span 200 MHz
Sweep 2.00 ms (1001 pts)
2 Metrics
Measure Trace
Trace 1
Occupied Bandwidth
97.678 MHz
Transmit Freq Error
0 Hz
x dB Bandwidth
102.7 MHz
Active Carrier(s)
1
Total Power
24.4 dBm
% of OBW Power
99.00 %
x dB
-26.00 dB
Apr 06, 2023
5:34:42 PM

5 Band edge for NR FR1

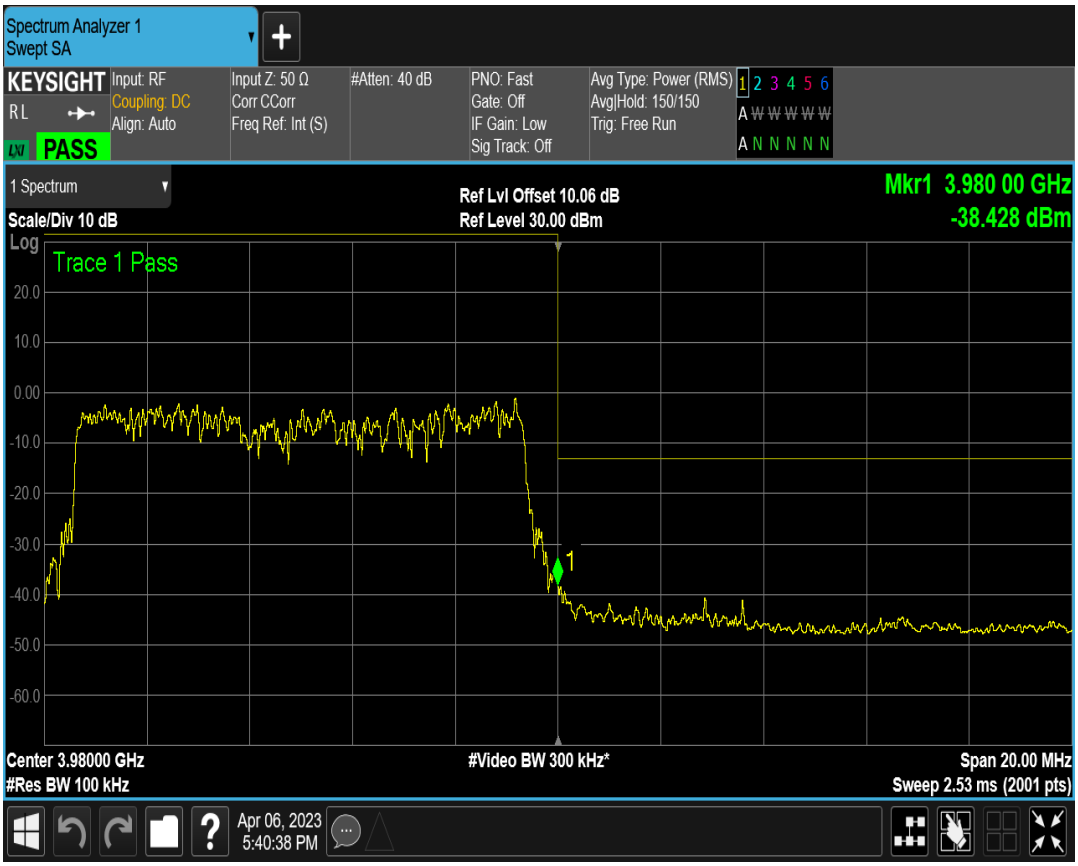
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	3699.94	-37.46	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	3699.55	-27.16	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	3980.00	-38.42	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	3980.00	-26.64	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	3700.00	-22.17	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	3699.80	-33.39	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	3982.00	-36.21	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	3980.00	-26.59	-13	PASS

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



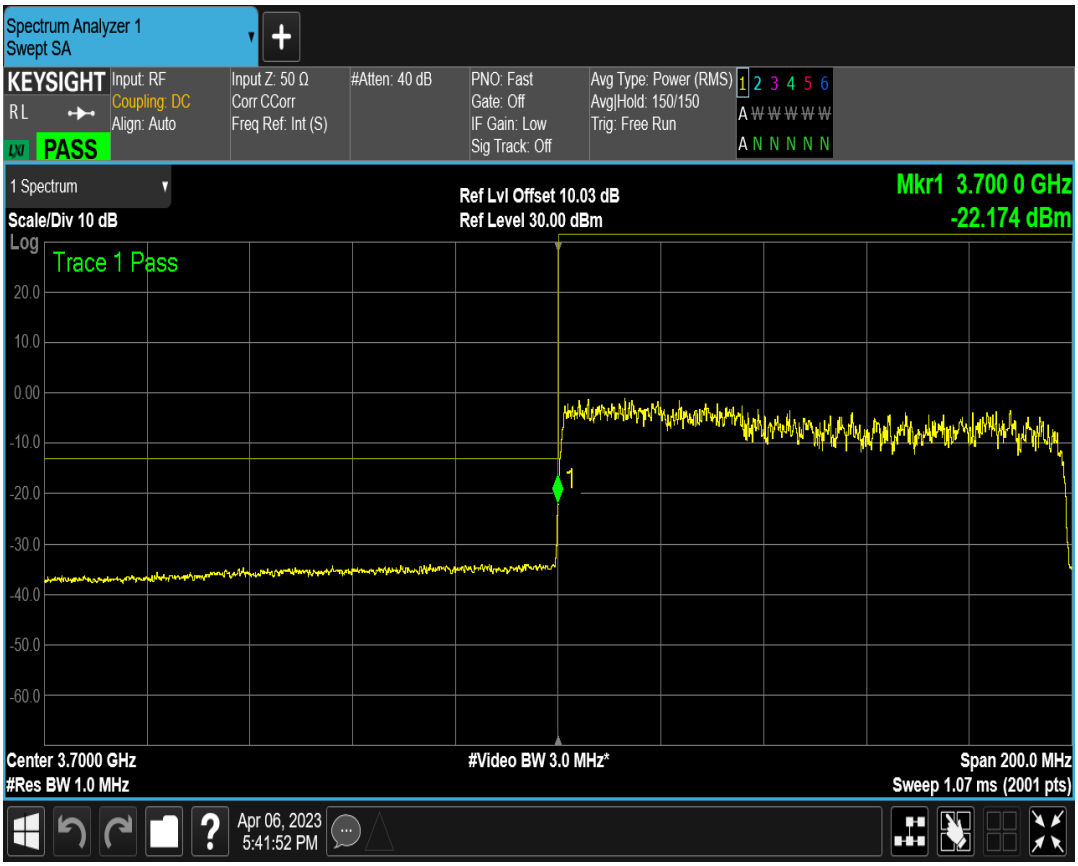
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@0

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



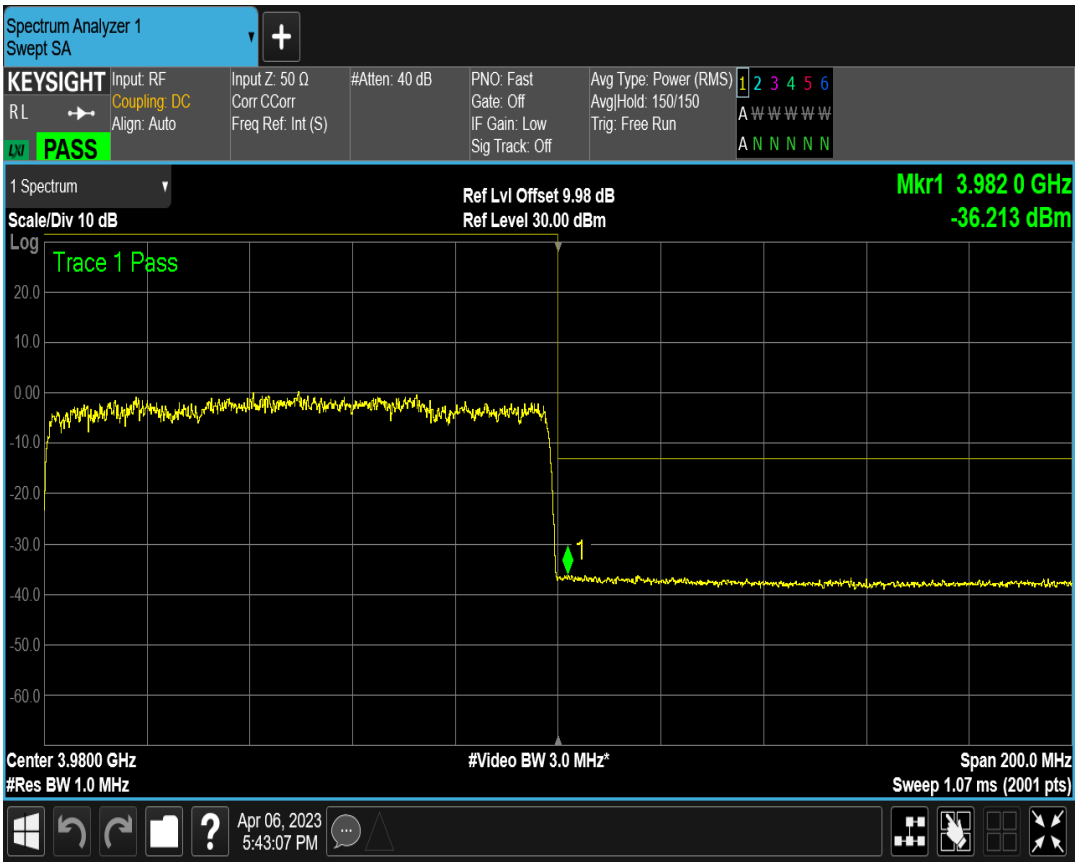
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@23

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



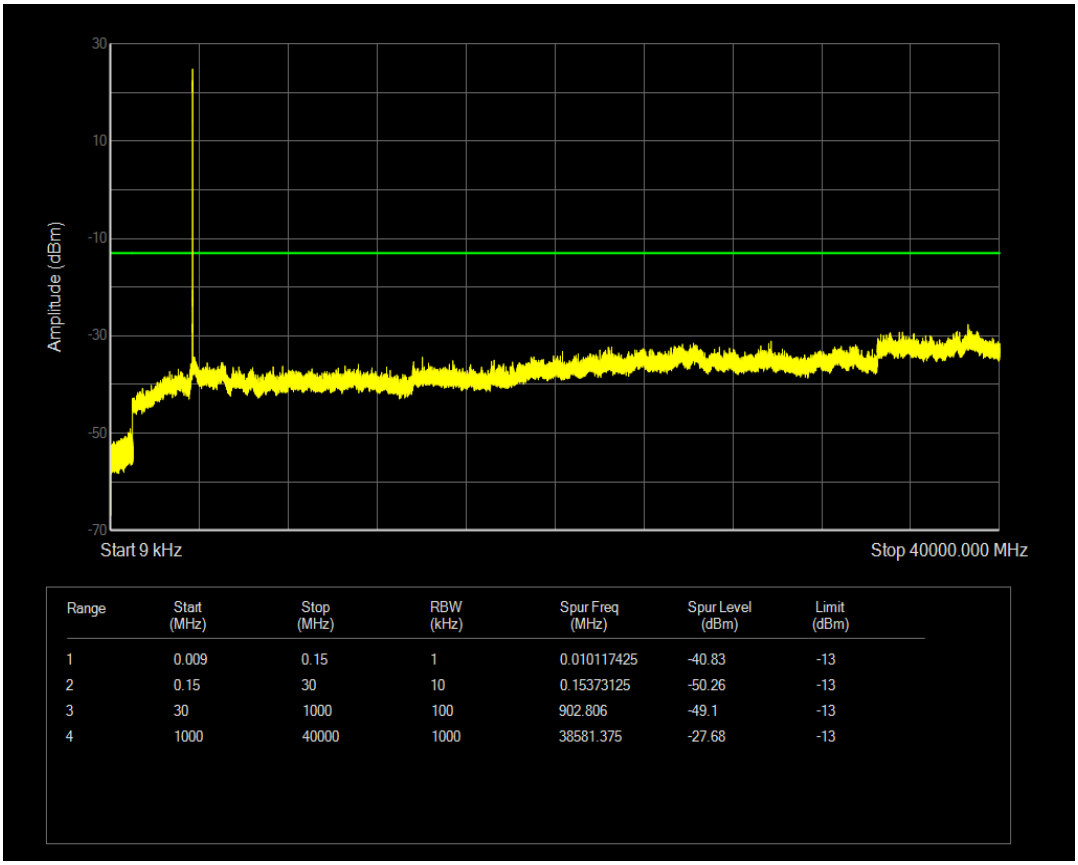
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@272

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 40 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 150/150
Trig: Free Run
PASS
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 9.98 dB
Ref Level 30.00 dBm
Mkr1 3.980 0 GHz
-26.594 dBm
Trace 1 Pass
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 3.9800 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Span 200.0 MHz
Sweep 6.27 ms (2001 pts)
Apr 06, 2023
5:43:40 PM

6 Out-of-band emissions for NR FR1

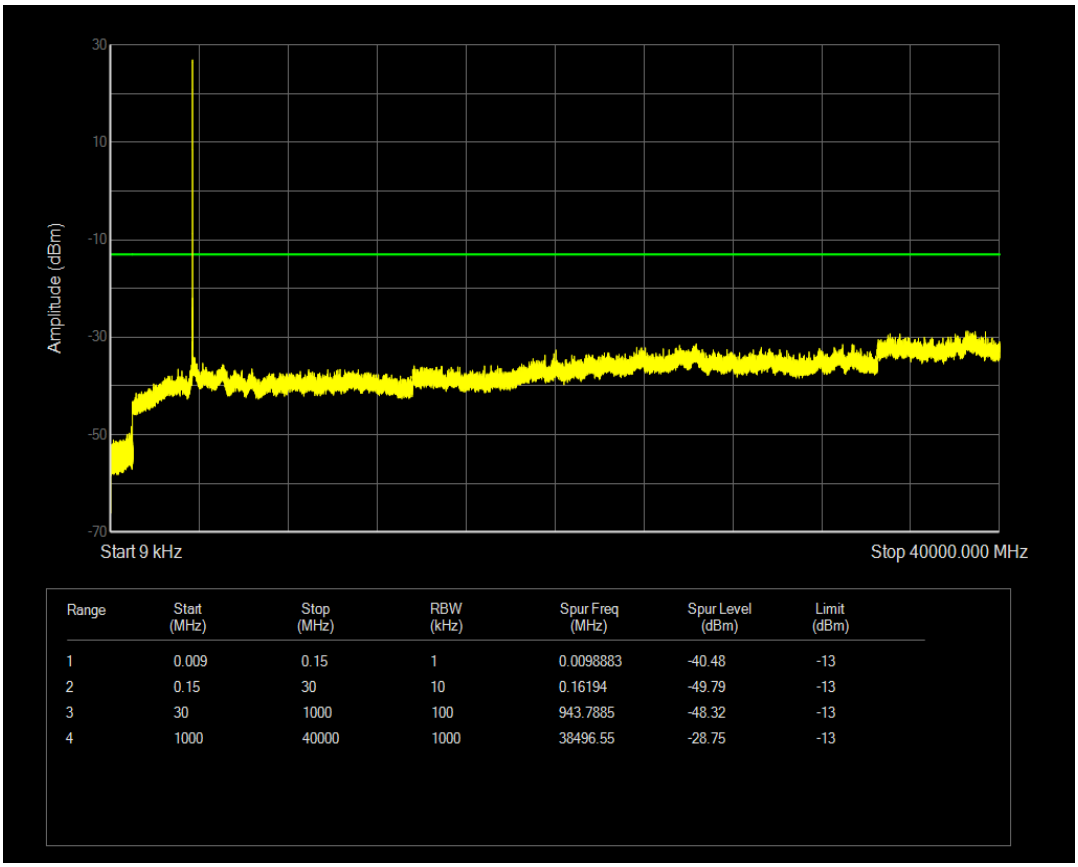
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	38581.38	-27.68	-13	PASS
n77(3700-3980)	30	10	647000	1@0	DFT_QPSK	38496.55	-28.75	-13	PASS
n77(3700-3980)	30	10	647000	1@23	DFT_QPSK	38556.03	-27.93	-13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	38847.55	-28.10	-13	PASS
n77(3700-3980)	30	10	656000	1@0	DFT_QPSK	38773.45	-28.58	-13	PASS
n77(3700-3980)	30	10	656000	1@23	DFT_QPSK	38544.33	-28.68	-13	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	38775.40	-27.34	-13	PASS
n77(3700-3980)	30	10	665000	1@0	DFT_QPSK	38896.30	-28.49	-13	PASS
n77(3700-3980)	30	10	665000	1@23	DFT_QPSK	38062.68	-29.02	-13	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	38955.78	-28.58	-13	PASS
n77(3700-3980)	30	100	650000	1@0	DFT_QPSK	35907.93	-28.69	-13	PASS
n77(3700-3980)	30	100	650000	1@272	DFT_QPSK	38580.40	-28.71	-13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	38922.63	-29.02	-13	PASS
n77(3700-3980)	30	100	656000	1@0	DFT_QPSK	38069.50	-27.79	-13	PASS
n77(3700-3980)	30	100	656000	1@272	DFT_QPSK	38635.98	-29.07	-13	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	38094.85	-27.48	-13	PASS
n77(3700-3980)	30	100	662000	1@0	DFT_QPSK	38146.53	-28.43	-13	PASS
n77(3700-3980)	30	100	662000	1@272	DFT_QPSK	38760.78	-28.15	-13	PASS

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=24@0



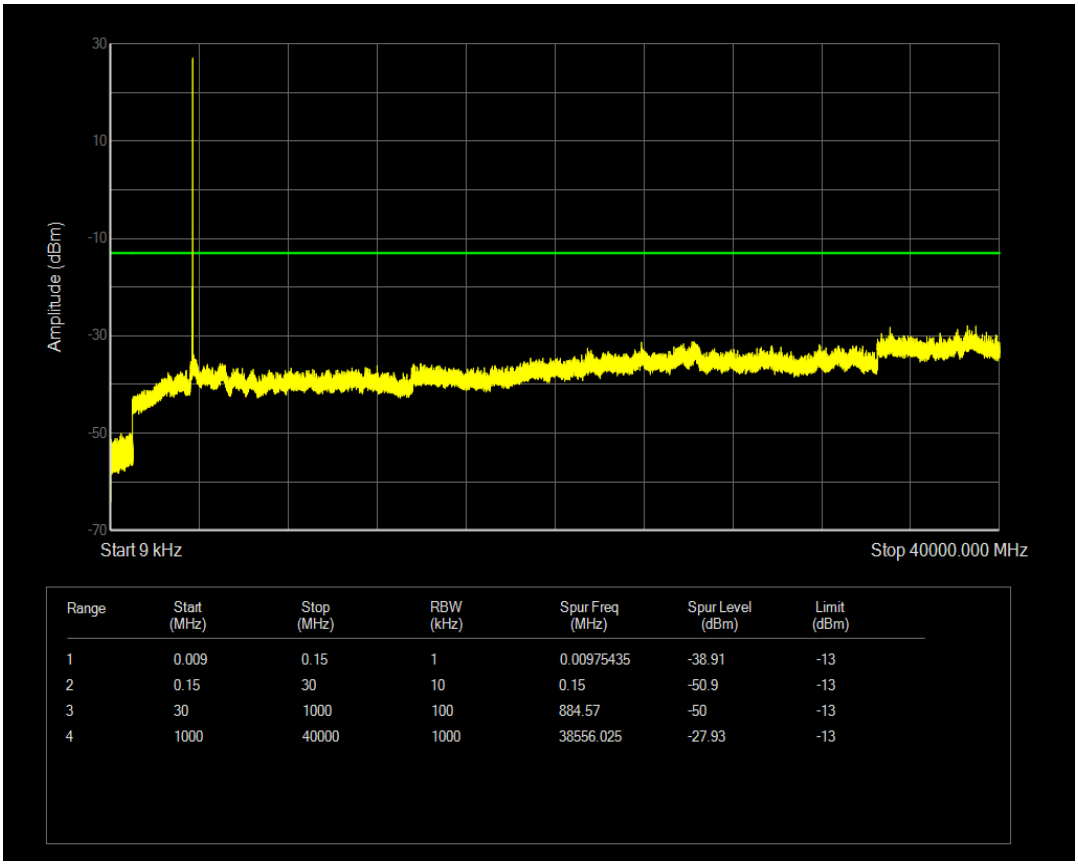
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010117425	-40.83	-13
2	0.15	30	10	0.15373125	-50.26	-13
3	30	1000	100	902.806	-49.1	-13
4	1000	40000	1000	38581.375	-27.68	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@0



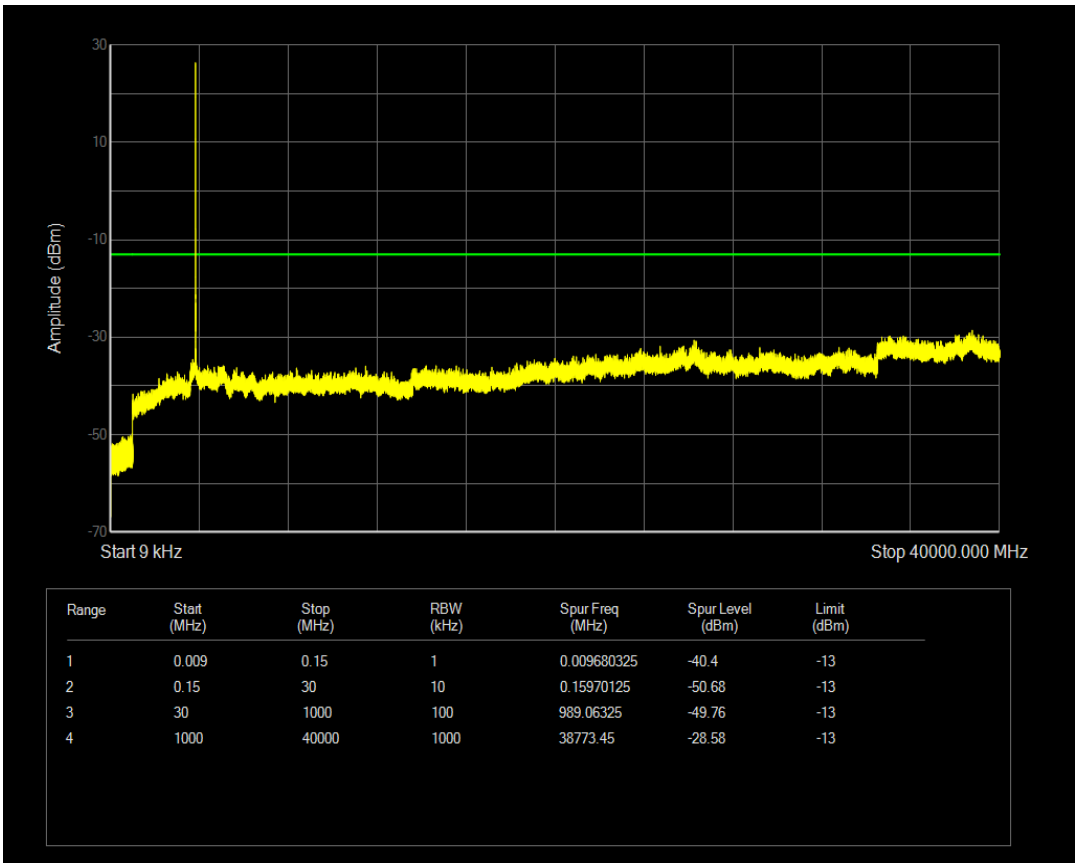
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098883	-40.48	-13
2	0.15	30	10	0.16194	-49.79	-13
3	30	1000	100	943.7885	-48.32	-13
4	1000	40000	1000	38496.55	-28.75	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@23



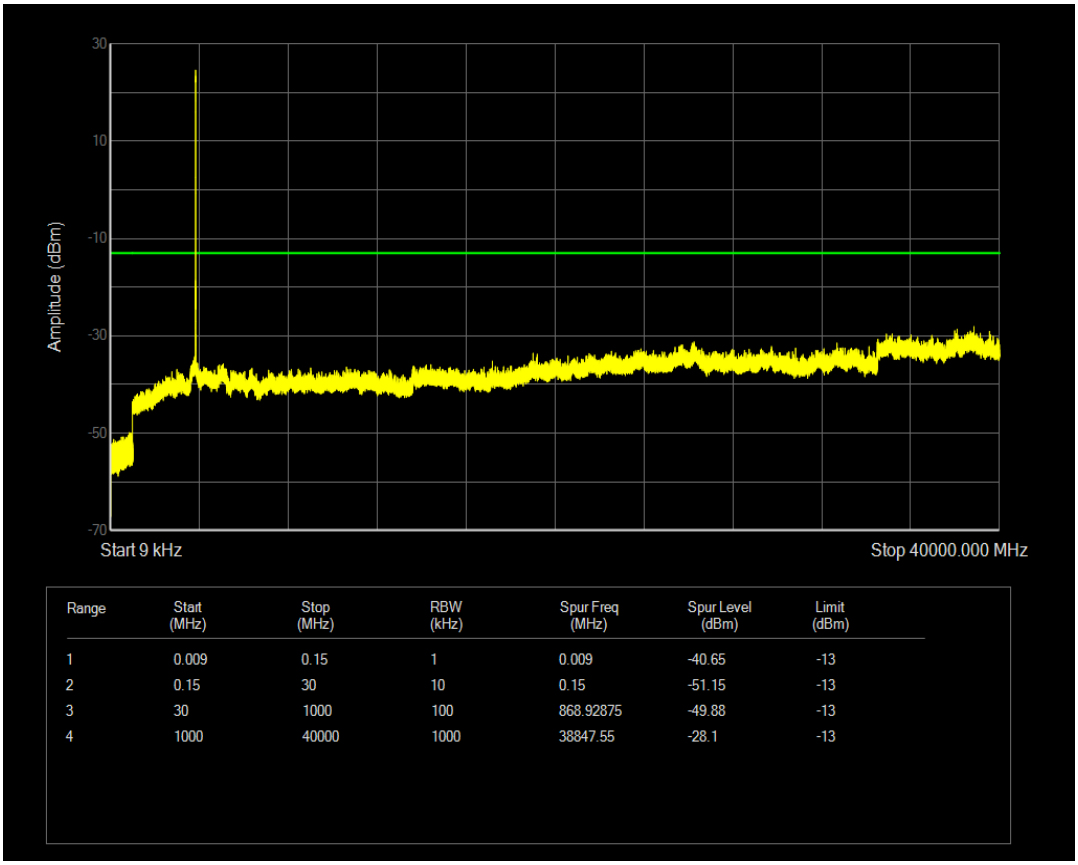
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00975435	-38.91	-13
2	0.15	30	10	0.15	-50.9	-13
3	30	1000	100	884.57	-50	-13
4	1000	40000	1000	38556.025	-27.93	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@0



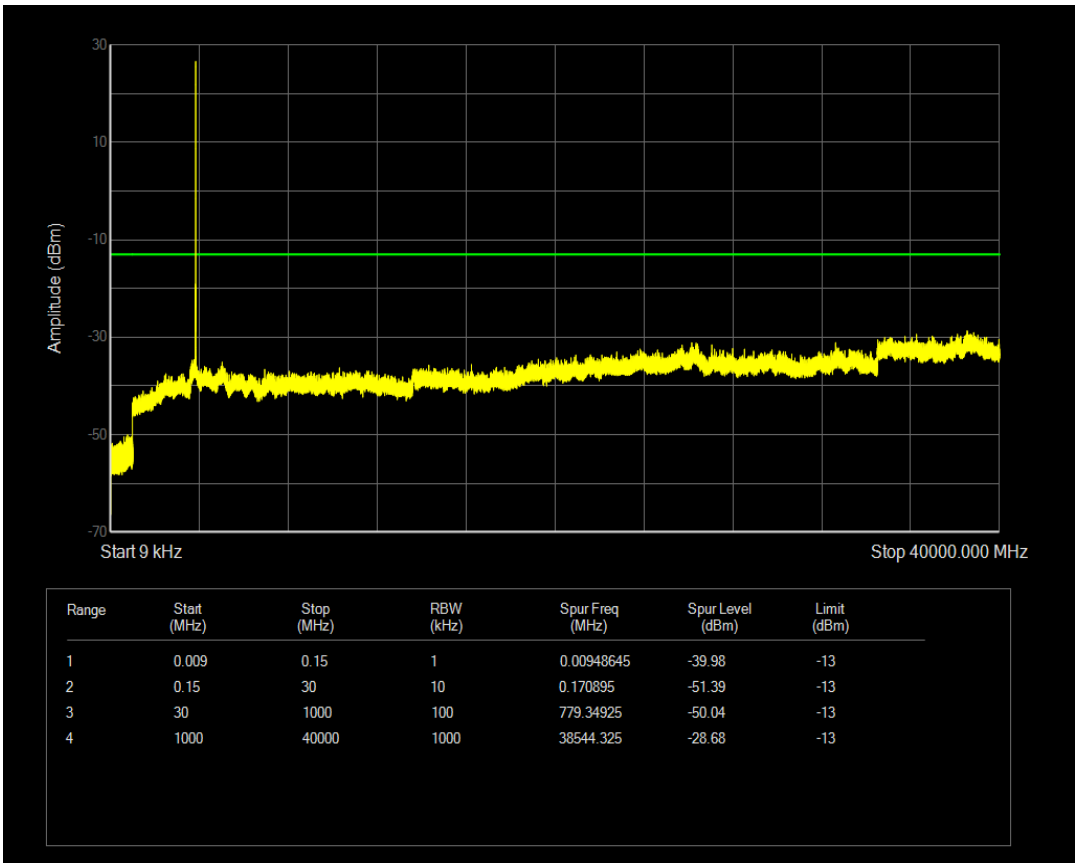
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009680325	-40.4	-13
2	0.15	30	10	0.15970125	-50.68	-13
3	30	1000	100	989.06325	-49.76	-13
4	1000	40000	1000	38773.45	-28.58	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



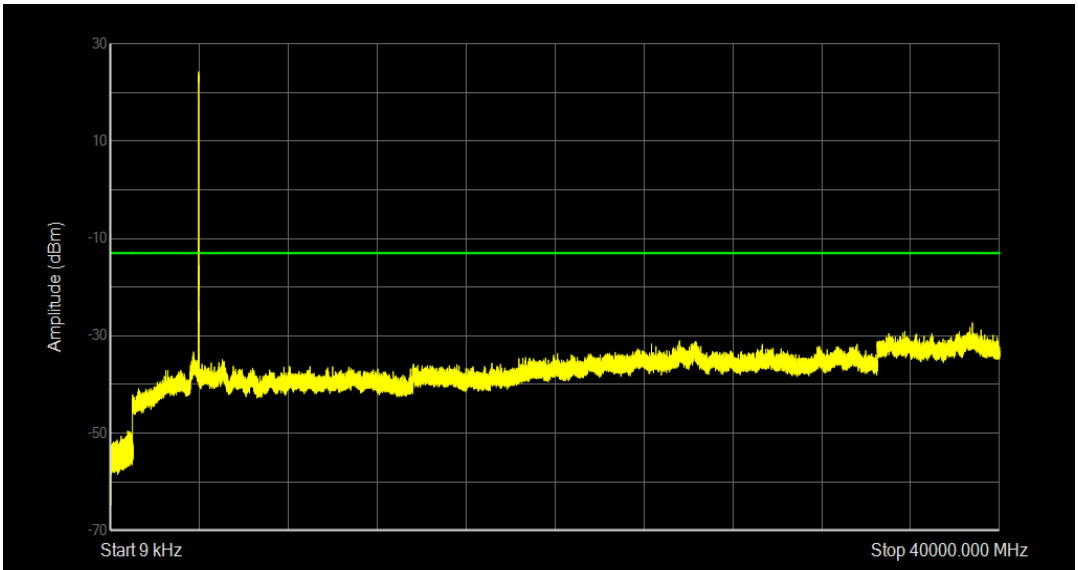
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-40.65	-13
2	0.15	30	10	0.15	-51.15	-13
3	30	1000	100	868.92875	-49.88	-13
4	1000	40000	1000	38847.55	-28.1	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@23



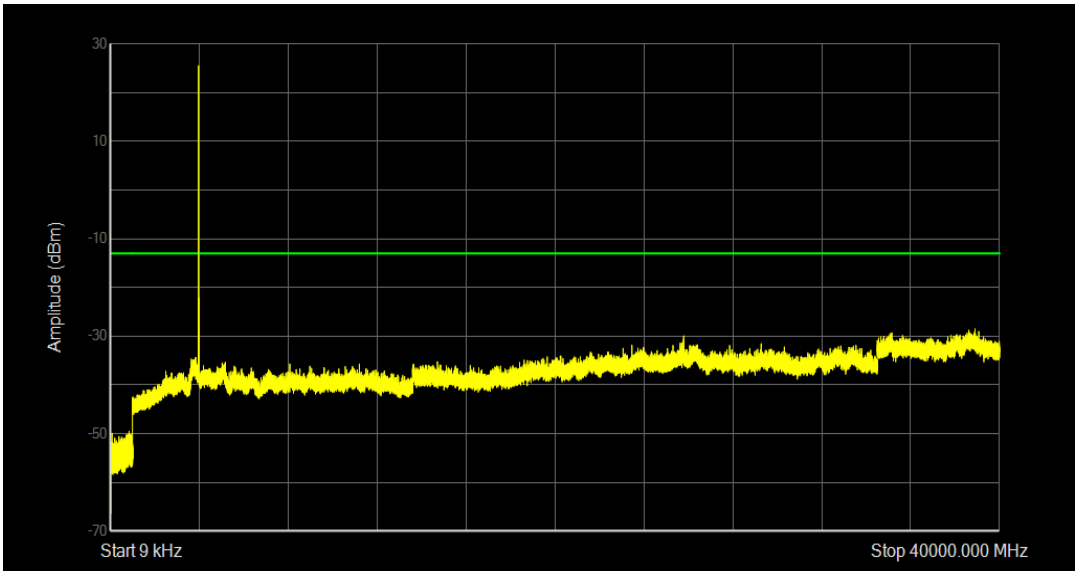
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00948645	-39.98	-13
2	0.15	30	10	0.170895	-51.39	-13
3	30	1000	100	779.34925	-50.04	-13
4	1000	40000	1000	38544.325	-28.68	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



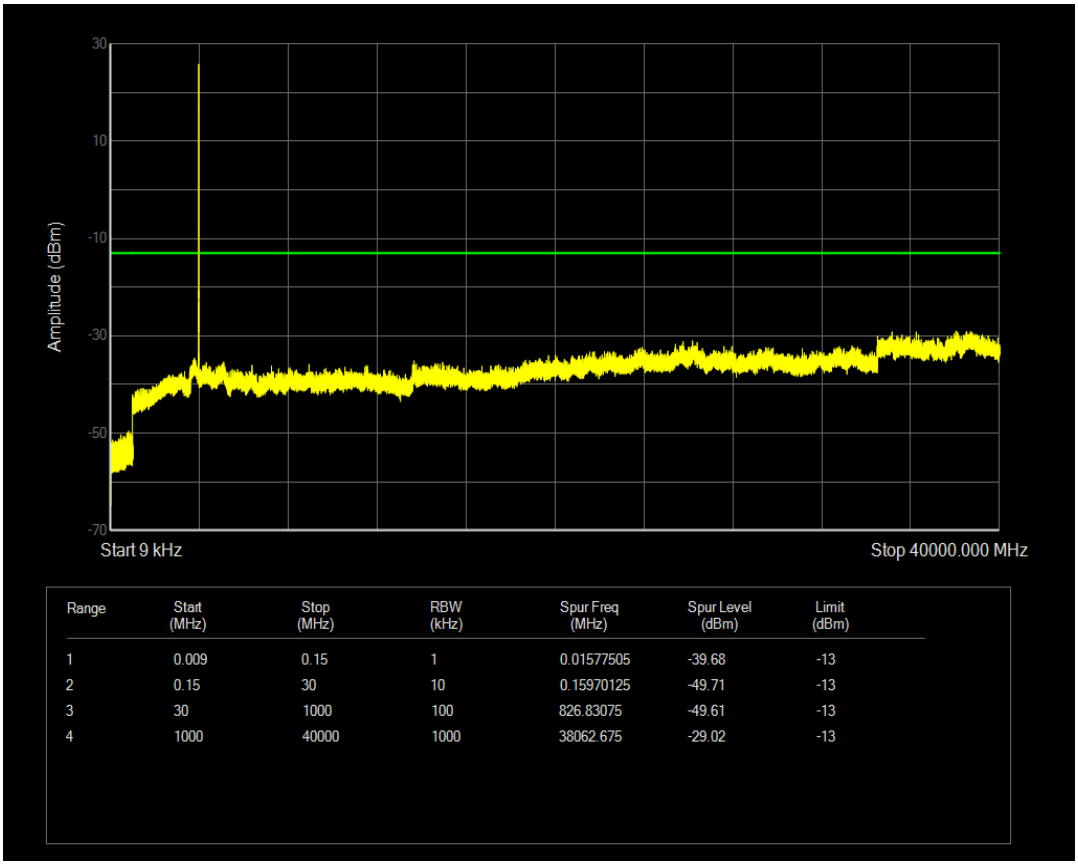
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01759395	-40.56	-13
2	0.15	30	10	0.15	-50.36	-13
3	30	1000	100	790.01925	-49.57	-13
4	1000	40000	1000	38775.4	-27.34	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@0



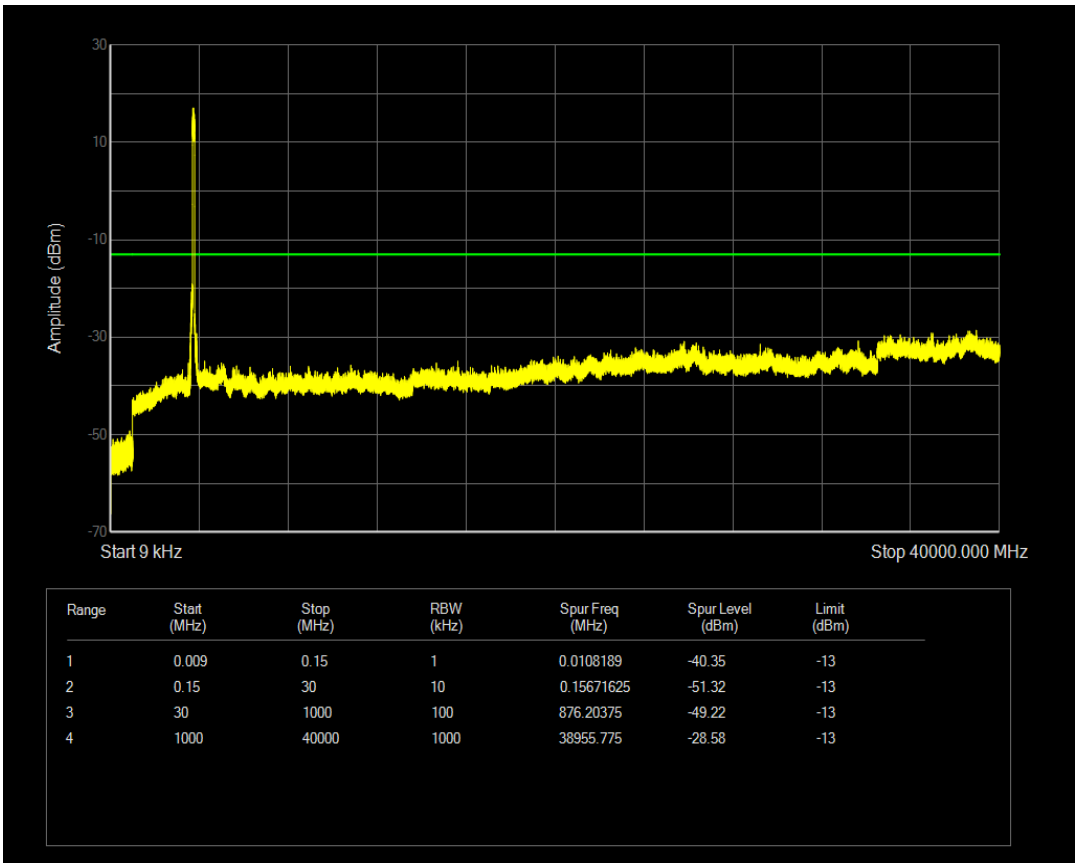
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012895125	-39.89	-13
2	0.15	30	10	0.1544775	-51.12	-13
3	30	1000	100	849.6985	-49.51	-13
4	1000	40000	1000	38896.3	-28.49	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@23



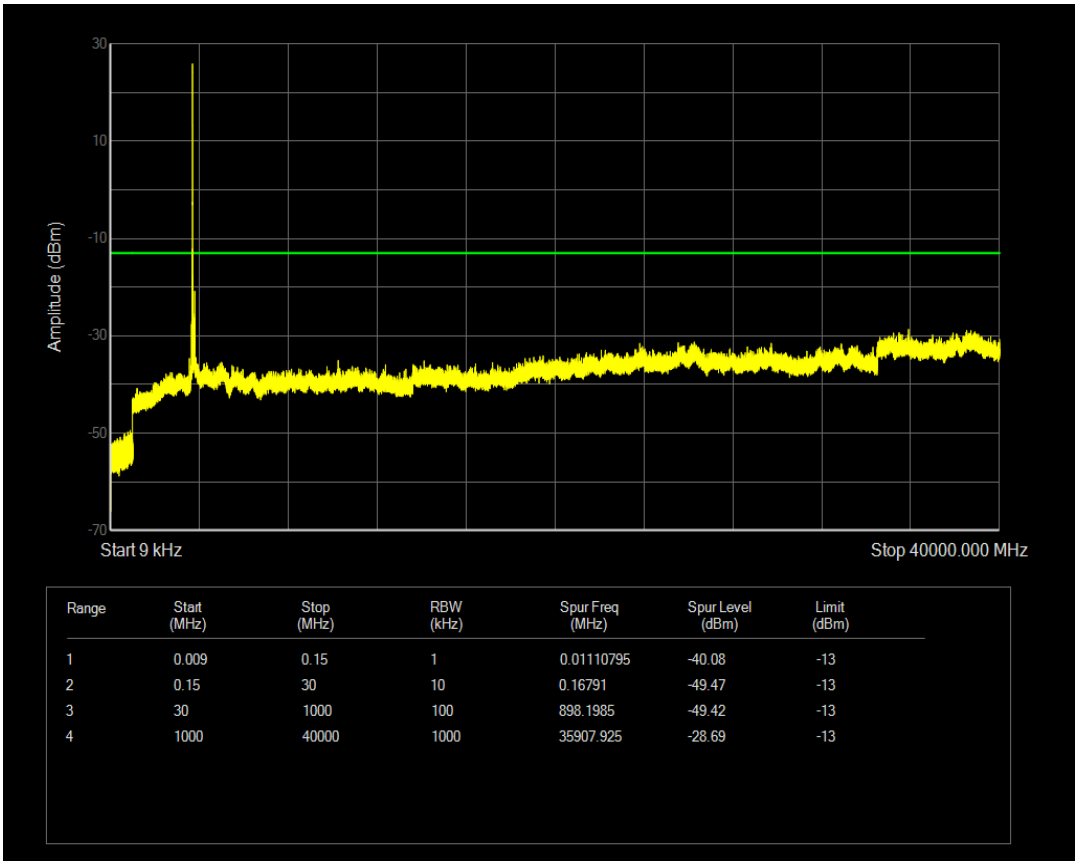
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01577505	-39.68	-13
2	0.15	30	10	0.15970125	-49.71	-13
3	30	1000	100	826.83075	-49.61	-13
4	1000	40000	1000	38062.675	-29.02	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=270@0



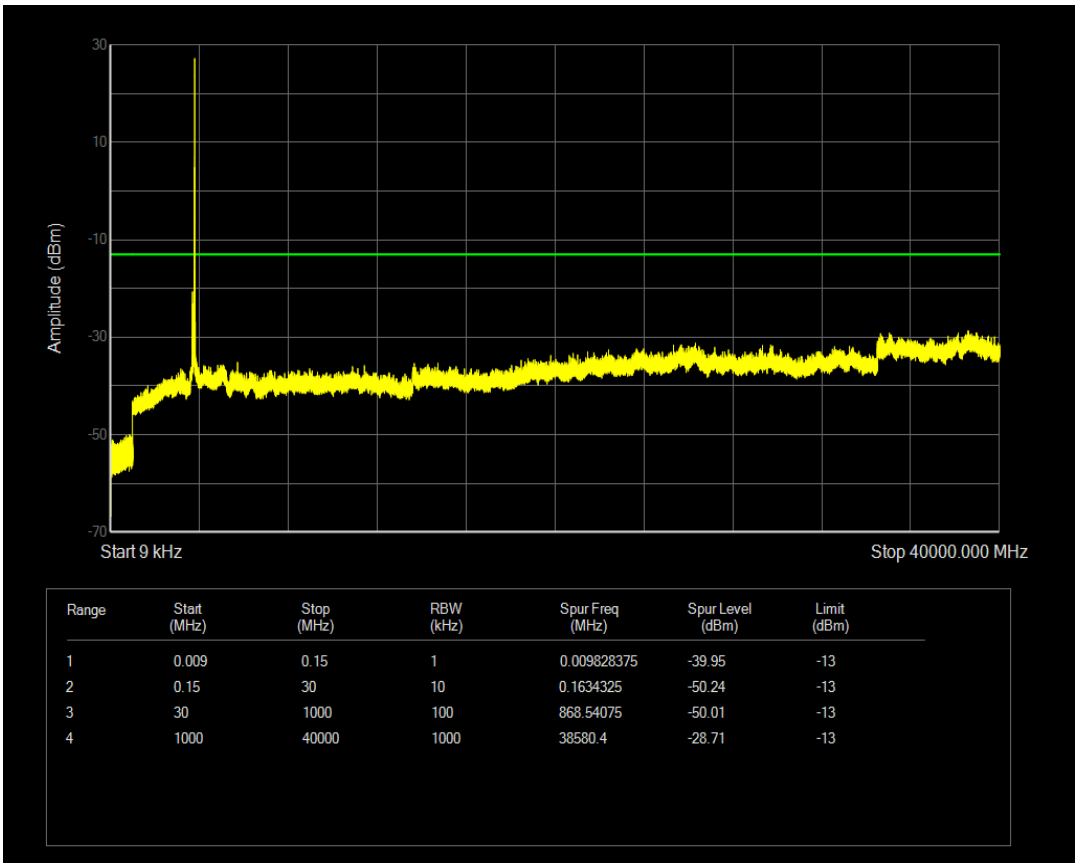
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0108189	-40.35	-13
2	0.15	30	10	0.15671625	-51.32	-13
3	30	1000	100	876.20375	-49.22	-13
4	1000	40000	1000	38955.775	-28.58	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@0



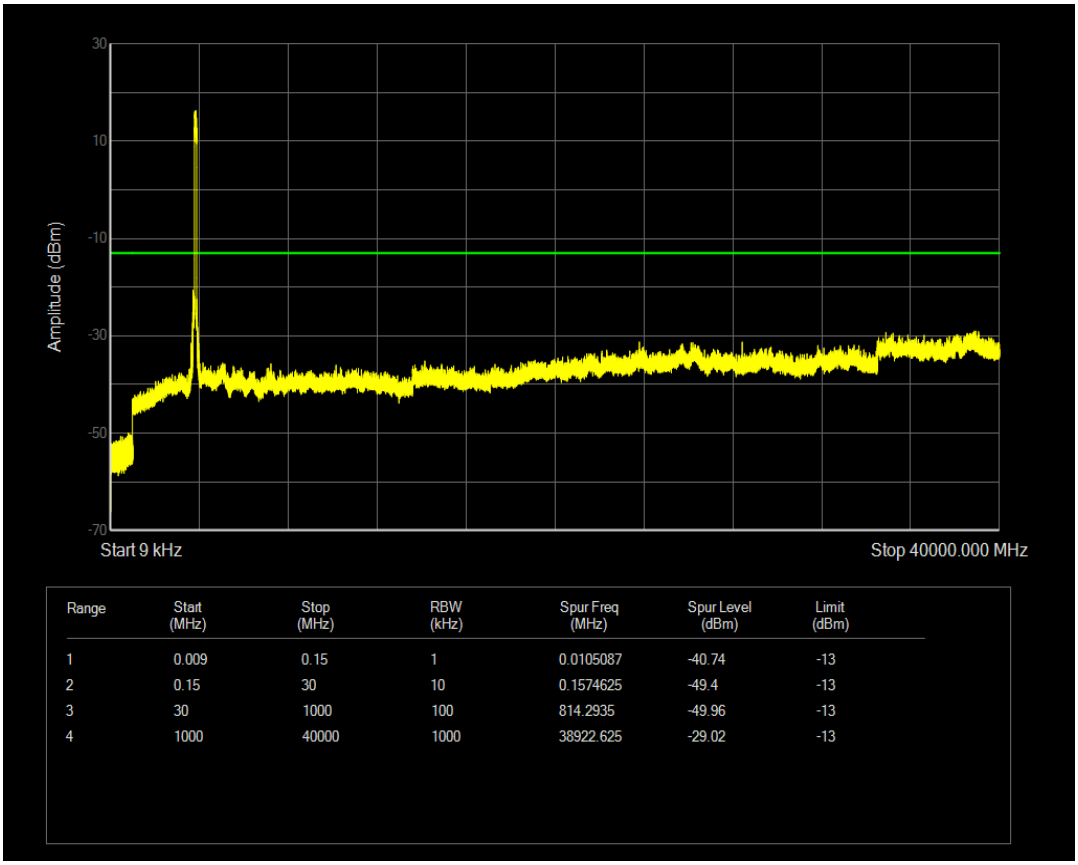
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01110795	-40.08	-13
2	0.15	30	10	0.16791	-49.47	-13
3	30	1000	100	898.1985	-49.42	-13
4	1000	40000	1000	35907.925	-28.69	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=650000 RB=1@272



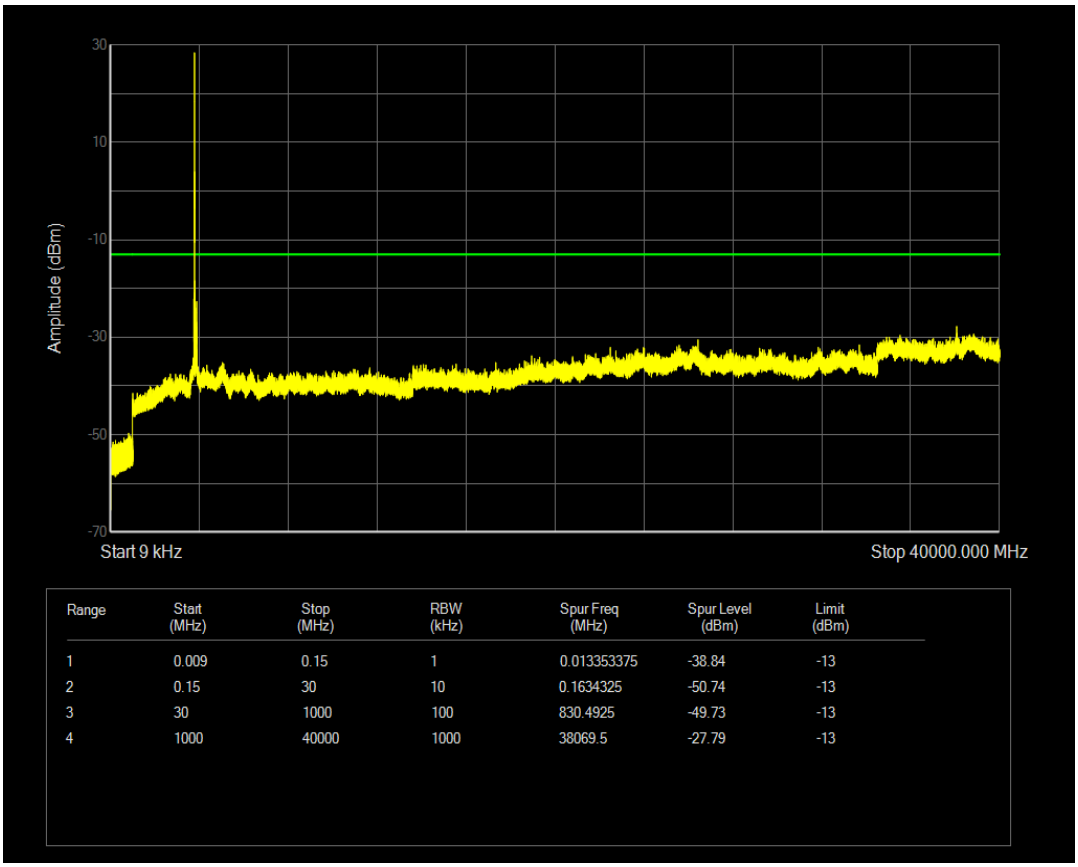
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009828375	-39.95	-13
2	0.15	30	10	0.1634325	-50.24	-13
3	30	1000	100	868.54075	-50.01	-13
4	1000	40000	1000	38580.4	-28.71	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



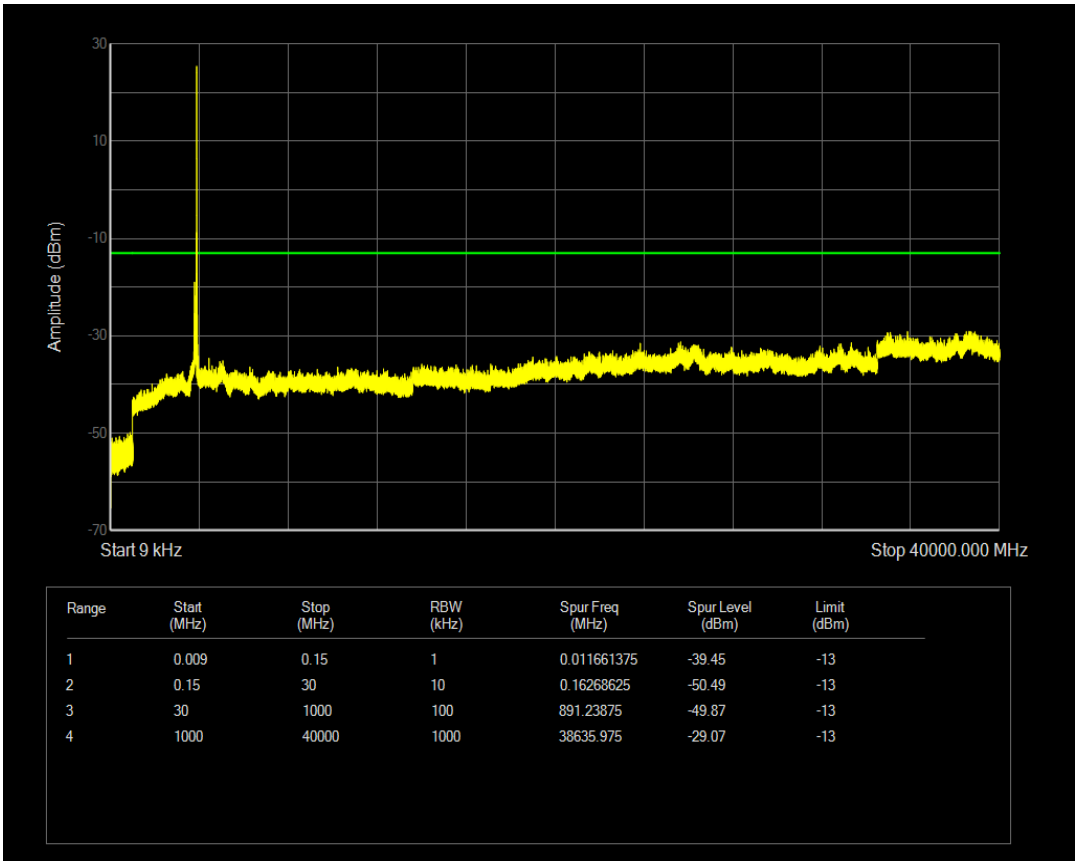
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0105087	-40.74	-13
2	0.15	30	10	0.1574625	-49.4	-13
3	30	1000	100	814.2935	-49.96	-13
4	1000	40000	1000	38922.625	-29.02	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@0



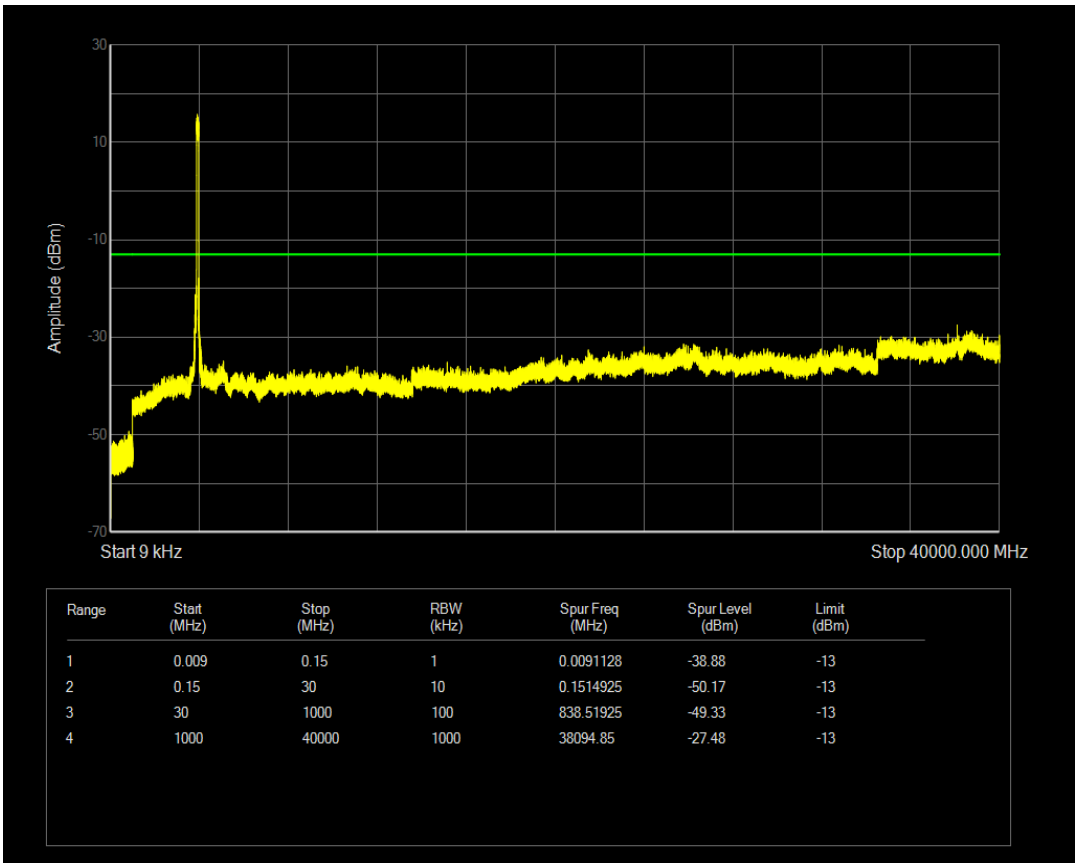
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013353375	-38.84	-13
2	0.15	30	10	0.1634325	-50.74	-13
3	30	1000	100	830.4925	-49.73	-13
4	1000	40000	1000	38069.5	-27.79	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=1@272



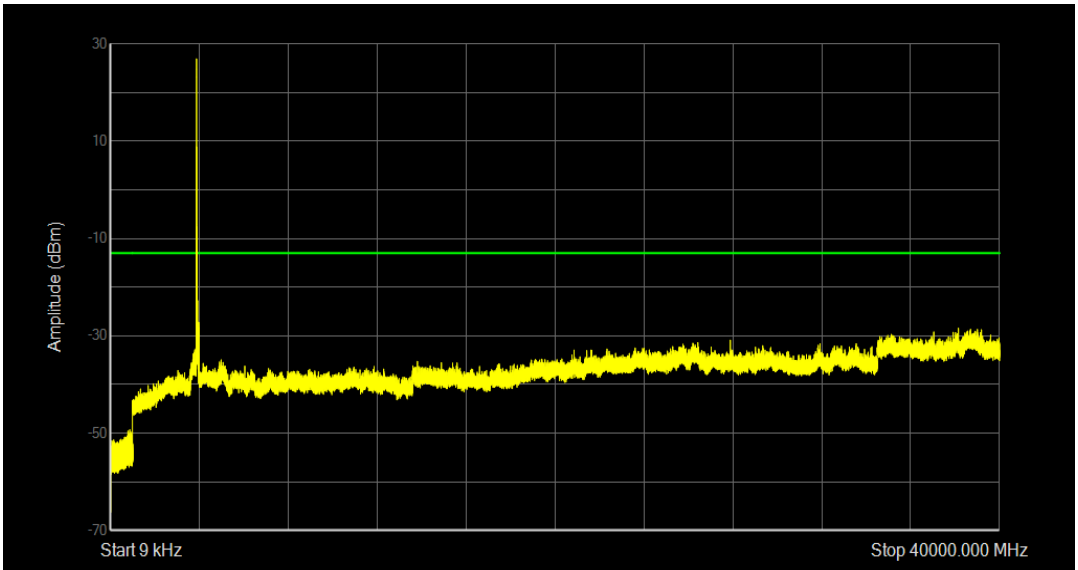
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011661375	-39.45	-13
2	0.15	30	10	0.16268625	-50.49	-13
3	30	1000	100	891.23875	-49.87	-13
4	1000	40000	1000	38635.975	-29.07	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=270@0



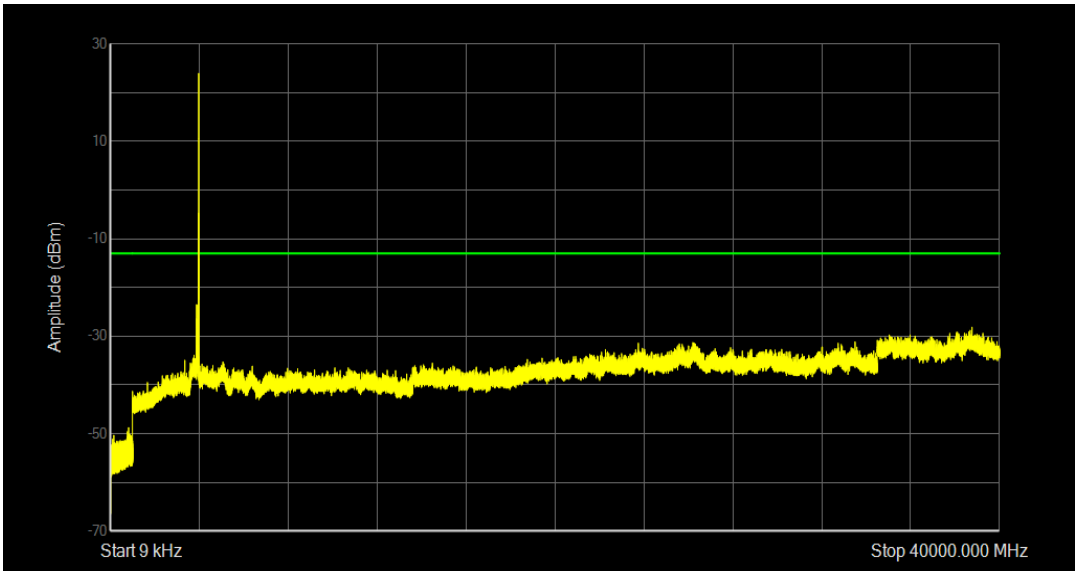
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091128	-38.88	-13
2	0.15	30	10	0.1514925	-50.17	-13
3	30	1000	100	838.51925	-49.33	-13
4	1000	40000	1000	38094.85	-27.48	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009144525	-39.23	-13
2	0.15	30	10	0.19402875	-50.14	-13
3	30	1000	100	883.3575	-49.3	-13
4	1000	40000	1000	38146.525	-28.43	-13

n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=662000 RB=1@272



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014460225	-39.03	-13
2	0.15	30	10	0.158955	-49.73	-13
3	30	1000	100	830.32275	-48.78	-13
4	1000	40000	1000	38760.775	-28.15	-13