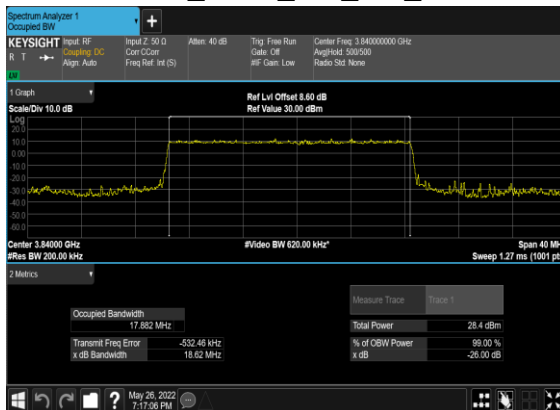
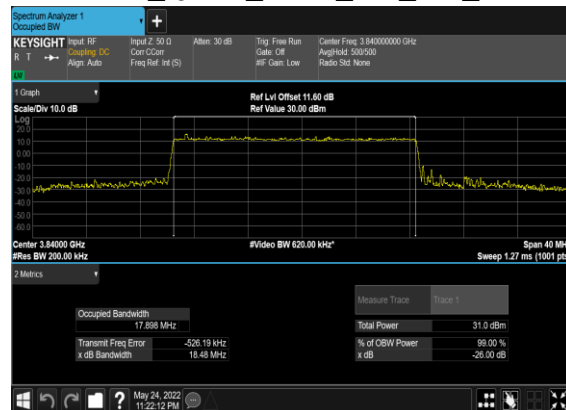


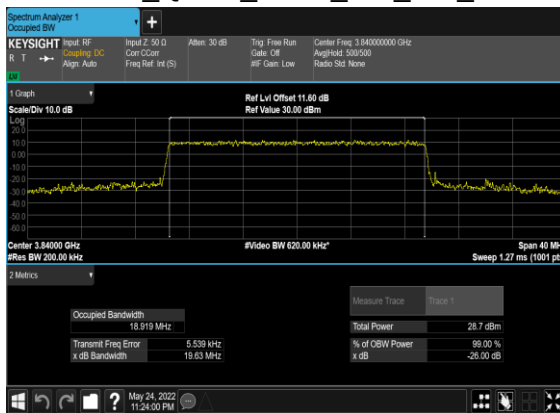
N77(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



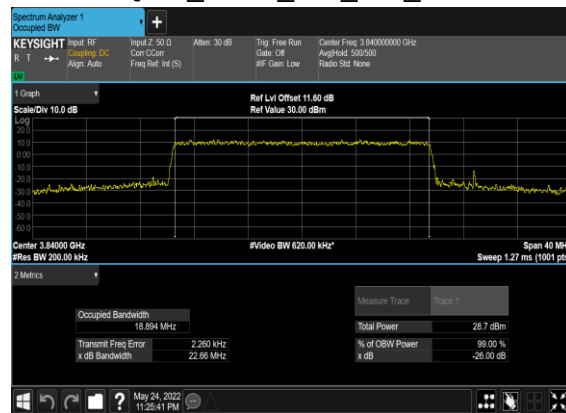
N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



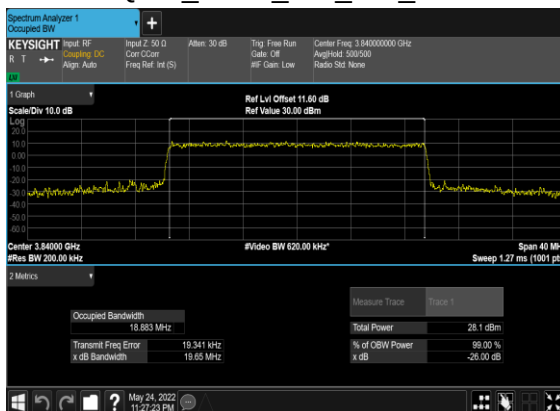
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



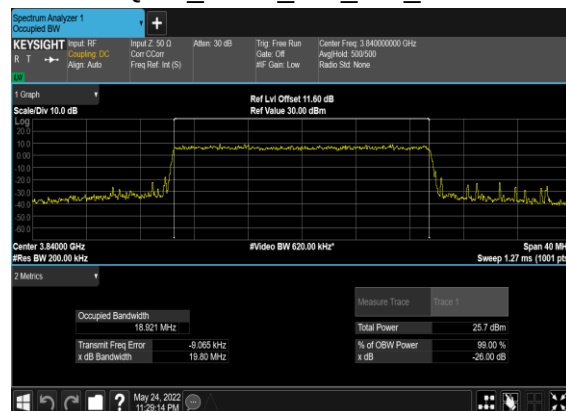
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QAM_Outer_Full_Mid_CH



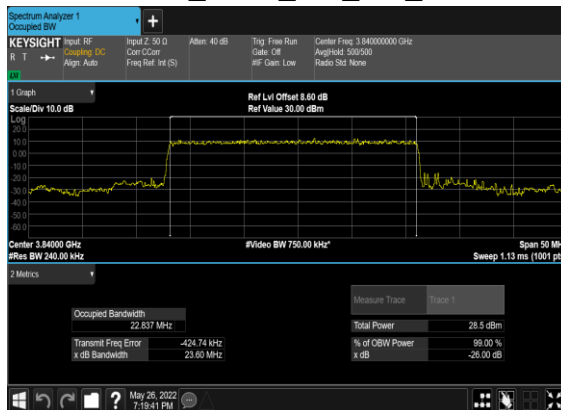
N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



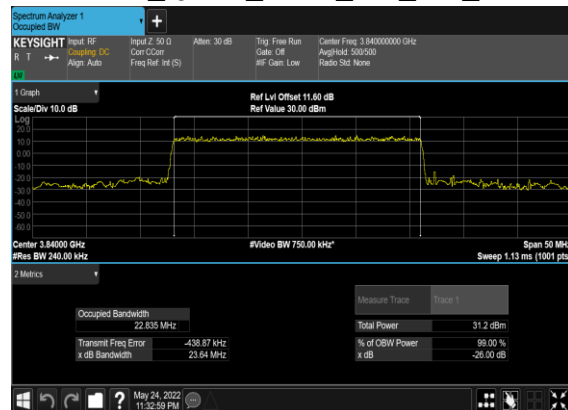
N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



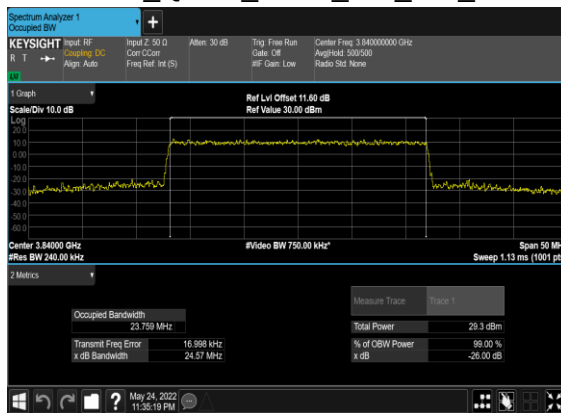
N77(25M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



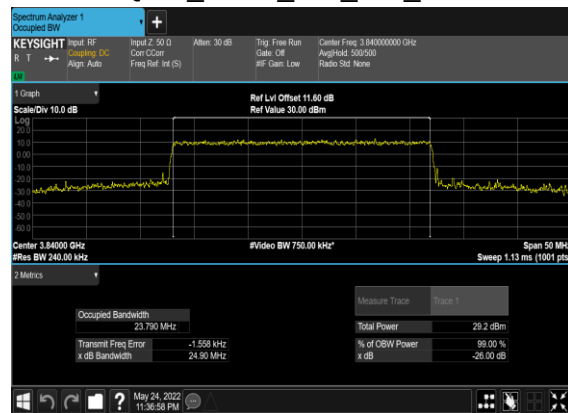
N77(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



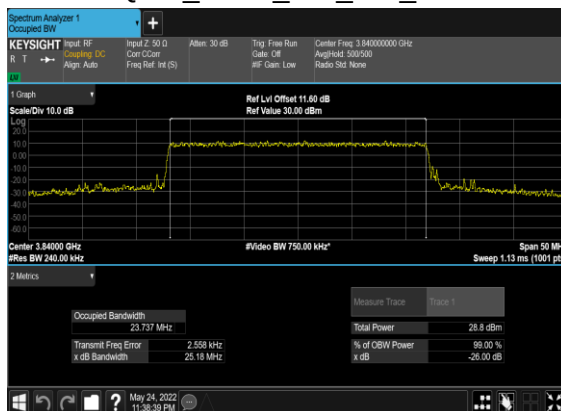
N77(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



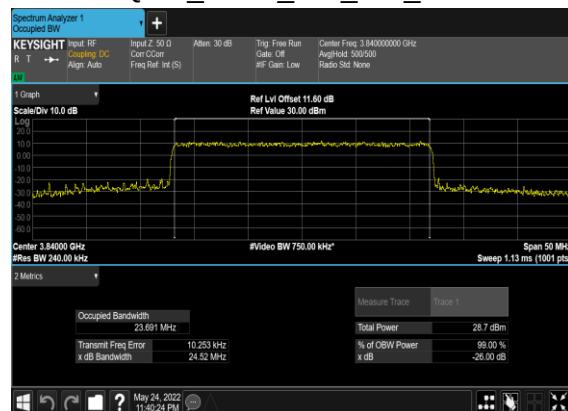
N77(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



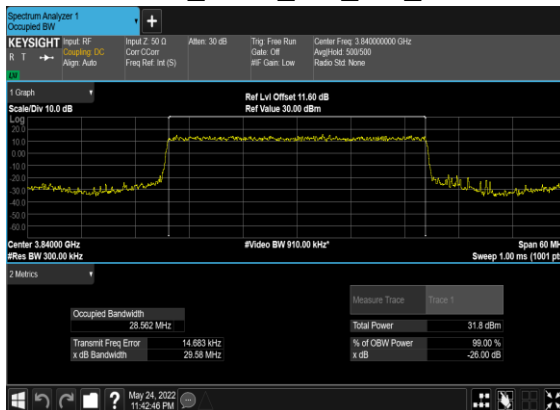
N77(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



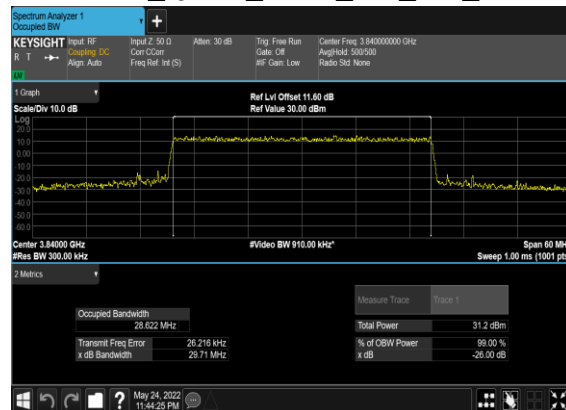
N77(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



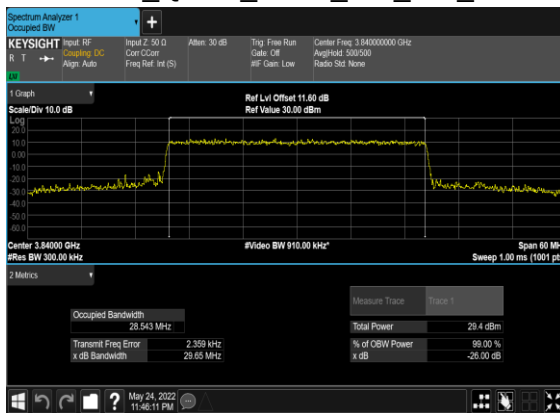
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BPSK_Outer_Full_Mid_CH



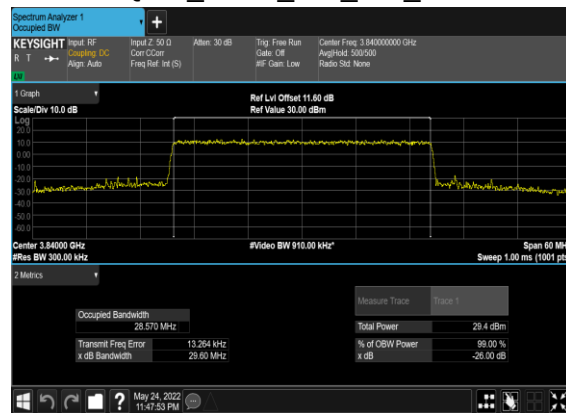
N77(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



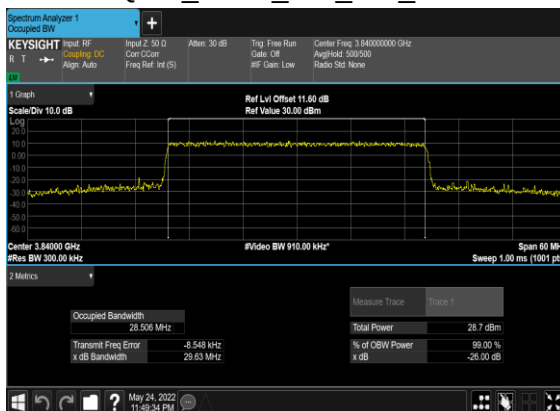
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OFDM_QPSK_Outer_Full_Mid_CH



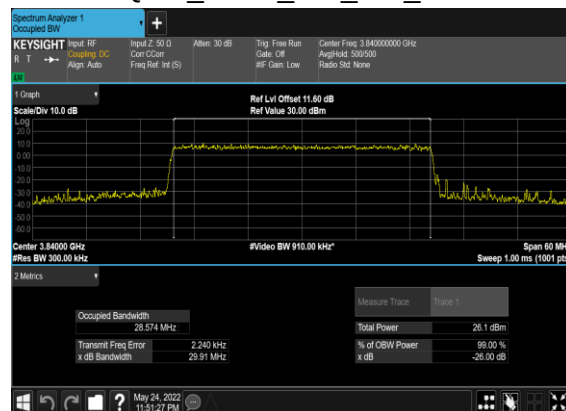
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



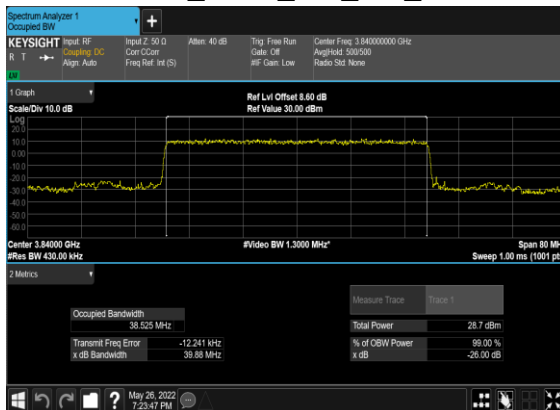
N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



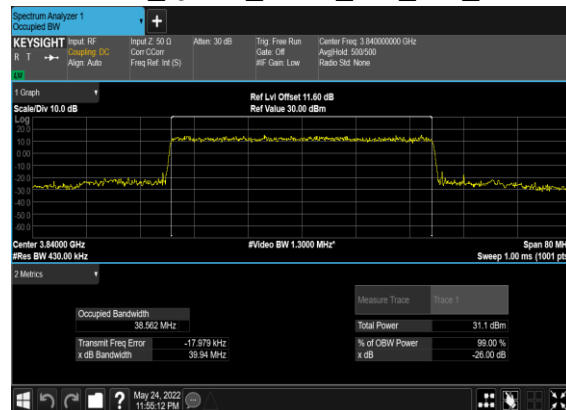
N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



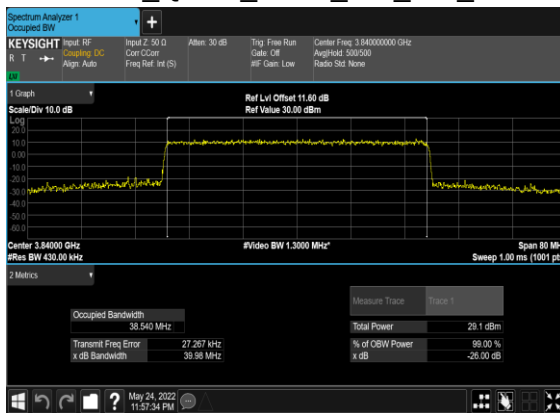
N77(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



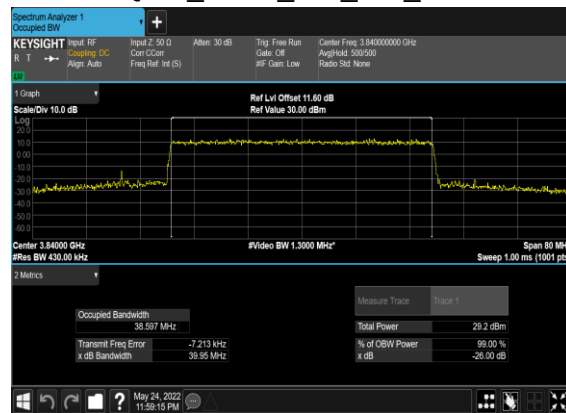
N77(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



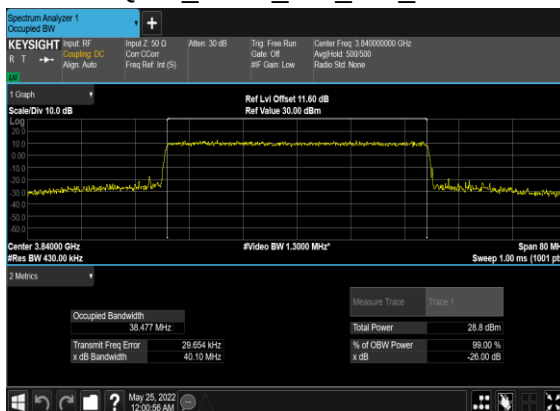
N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



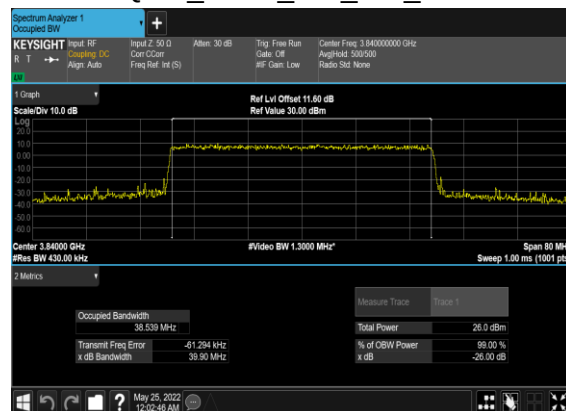
N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



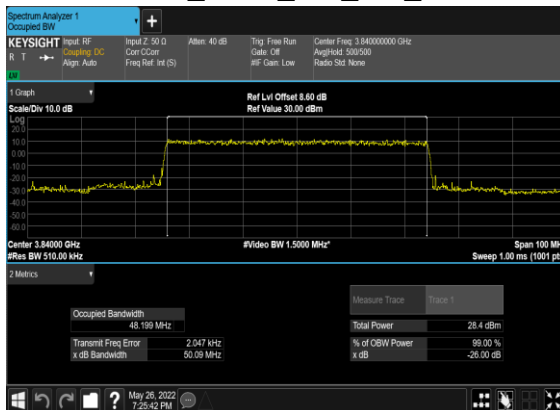
N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



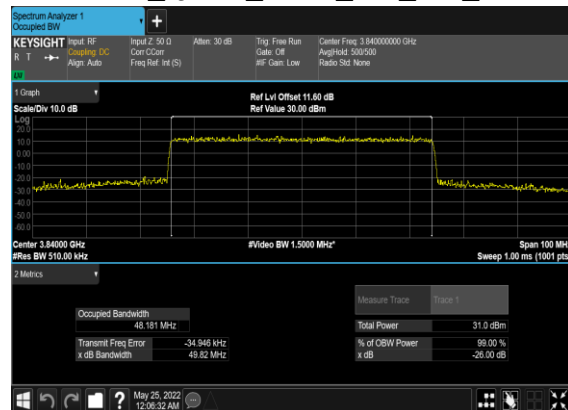
N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



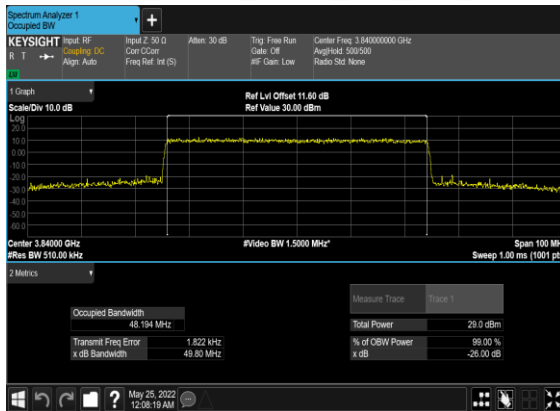
N77(50M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



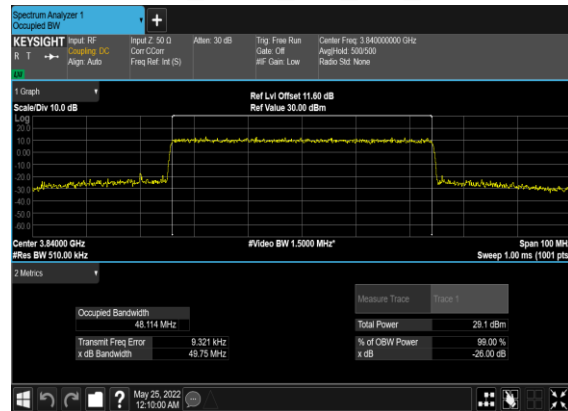
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



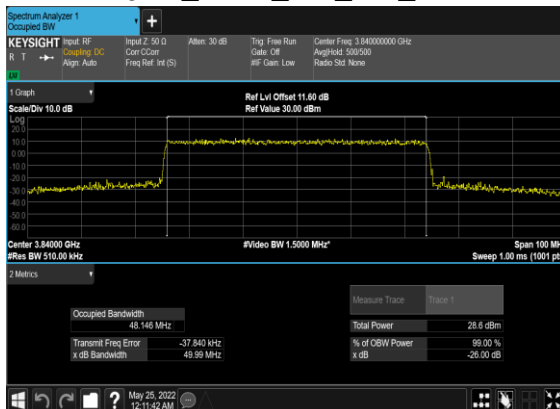
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



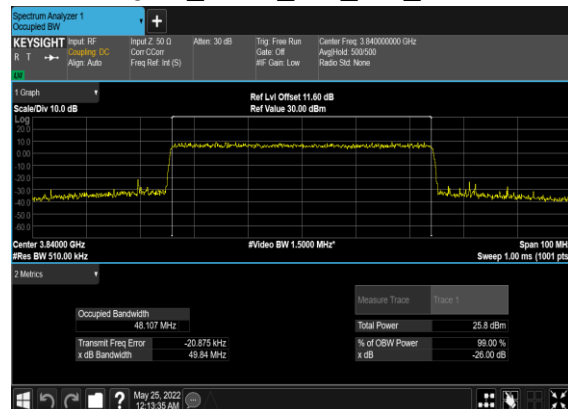
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



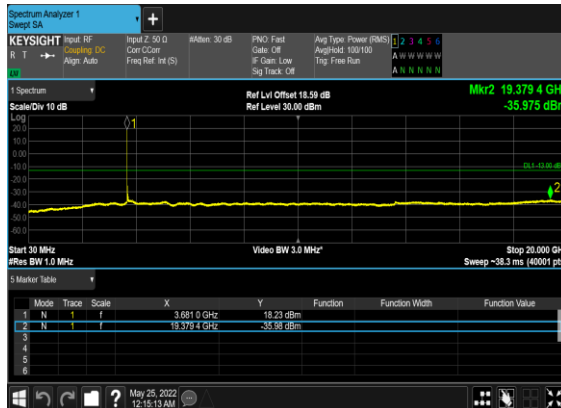
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	---

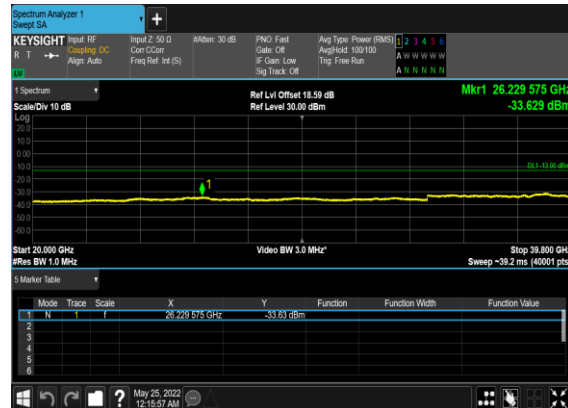
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS

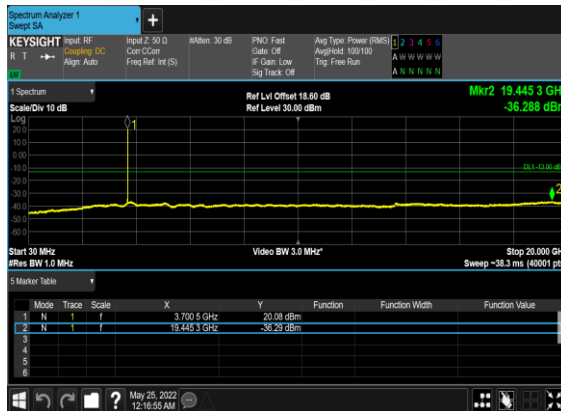
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



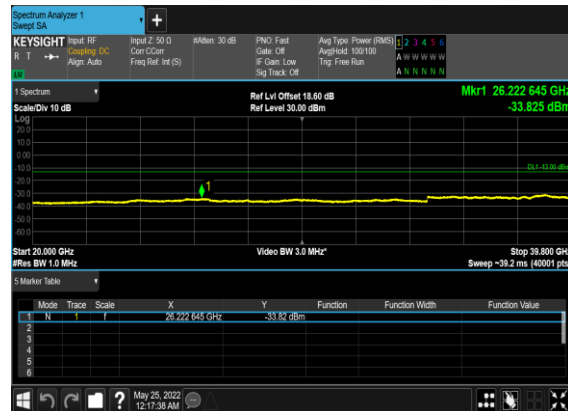
N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



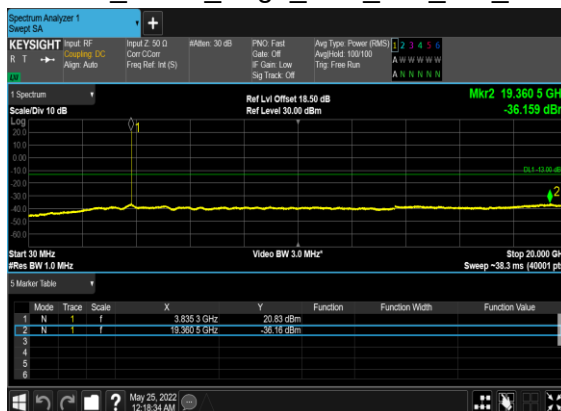
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



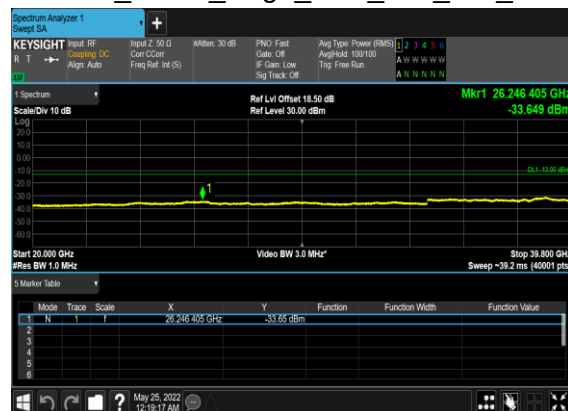
N77(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



Spectrum Analyzer 1
Sweep SA

KEYSTRT Input RF Input Z: 50 Ω Att: 30 dB PHO Fast Avg Type: Power (RMS) 1 2 3 4 5 6
 R T → Coupling: DC Corr: CCW Freq Ref: Int (S) Gate: Off Amplitude: 100.00 dBm
 Align: Auto IF Gain: Low Sig Track: Off Trig: Free Run A W W W W W A N N N N N

1 Spectrum
 Scale/Div: 10 dB
 Log
 30.0
 20.0
 10.0
 0.0
 -10.0
 -20.0
 -30.0
 -40.0
 -50.0
 -60.0
 -70.0
 -80.0
 -90.0
 -100.0

Ref Lvl Offset: 19.53 dBm
 Ref Level: 30.00 dBm

Start: 30 MHz
 Res BW: 1.0 MHz
 Video BW: 3.0 MHz
 Stop: 20.0 GHz
 Sweep: ~38.3 ms (40000 pts)

Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	f	3.035 GHz	20.51 dBm			
2	N	f	19.302 GHz	-36.34 dBm			
3							
4							
5							
6							

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input: RF, Output: DC, Aligned: Auto, Input Z: 50 Ohm, Core: Cant, Freq Ref: 1x (S), Attenuation: 30 dB, PNO Fast Gate: Off, IF Gain: Low, Sig Track: Off, Avg Type: Power (RMS), Averaging: 100100, Trig: Free Run

1 2 3 4 5 6
A W W W W W
A N N N N N

Spectrum
Scale/Div 10 dB
Log
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0

Ref Level: 30.00 dBm

Mkr1 25.647 455 GHz
-33.74 dBm

Start 20.000 GHz
#Res BW 1.0 MHz

Video BW 3.0 MHz

Stop 38.800 GHz
Sweep -39.2 ms (40001 pts)

Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	F	25.647 455 GHz	-33.75 dBm			
2							
3							
4							
5							
6							

May 25, 2022
12:20:40 AM

Spectrum Analyzer 1
Sweep SA

KEYSTRT Input RF: **Lowpass DC** Aligned: **Auto**
 Input Z: 50.0 Ohm
 Port Conn: Coax
 Freq Ref: Int (S)
 #ARef: 30 dB
 PNO: Fast Gate: Off
 IF Gain: Low
 Sig Track: Off
 Avg Type: Power (RMS)
 AvgHz: 100/100
 Trig Pres: Run
 A W W W W W
 A N N N N N

1 Spectrum
 Scale/Div: 10 dB
 Log
 10.0
 0.0
 -10.0
 -20.0
 -30.0
 -40.0
 -50.0
 -60.0
 -70.0
 -80.0
 -90.0
 -100.0

Ref Level: Offset: 19.0 dBm
 Ref Level: 30.0 dBm

Start: 30 MHz
 #Res BW: 1.0 MHz
 Video BW: 3.0 MHz*
 Stop: 20.0 GHz
 Sweep: ~38.3 ms (400001 pts)

Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	f	3.970 GHz	21.10 dBm			
2	N	f	19.420 GHz	-35.93 dBm			
3							
4							
5							
6							

May 26, 2022 8:06:53 PM

[illegible]

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF
R T → Creating DC
Align Auto

Input Z: 50 Ω
Corr Con
Freq Ref: Int (S)

Attenu: 30 dB

PN10 Fast
Gate: Off
S: Gain: Low
Sig Track: Off

Avg Type: Power (RMS)
Aval: Hold: 100.00
Trig: Free Run

1 2 3 4 5 6
A W W W W W
A N N N N N

1 Spectrum
Scale/Div: 10 dB
Log
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0

Ref Lvl Offset: 18.00 dB
Ref Level: 30.00 dBm

Mmr2: 13.605 GHz
-37.121 dBm

01 - 13.60 GHz

Start: 30 MHz
#Res: BW 1.0 MHz

Video BW: 3.0 MHz

Stop: 20.00 GHz
Sweep: ~38.3 ms / #40001 pts

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	3.970 GHz	22.04 dBm		
2	N	1	f	13.605 GHz	-37.12 dBm		
3							
4							
5							
6							

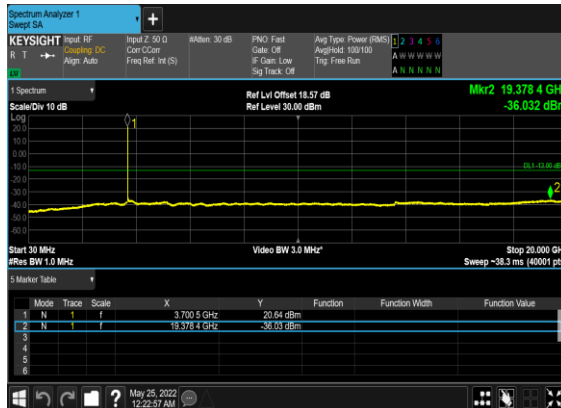
May 26, 2022
8:10:13 PM

Spectrum Analyzer 1
Sweep SA

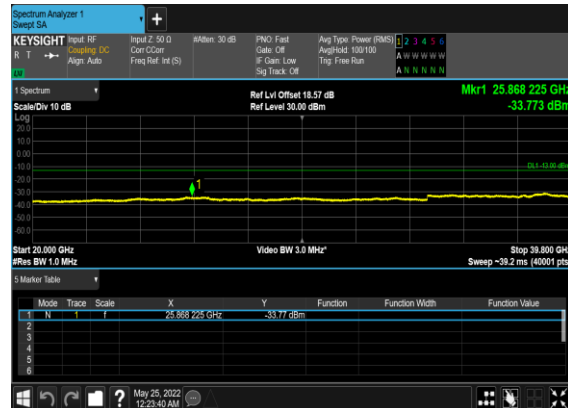
KEYSIGHT Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Con C/Att
Freq Ref: Int (S)
Attenu: 30 dB
PNO: Fast
Gate: Off
R: Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Ave Hold: 100/100
Trig: Free Run
[0] 2 3 4 5 6
A W W W W W
N N N N N N

1 Spectrum
Scale/Div 10 dB
Log
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
-130.0
-140.0
-150.0
-160.0
-170.0
-180.0
-190.0
-200.0
-210.0
-220.0
-230.0
-240.0
-250.0
-260.0
-270.0
-280.0
-290.0
-300.0
-310.0
-320.0
-330.0
-340.0
-350.0
-360.0
-370.0
-380.0
-390.0
-400.0
-410.0
-420.0
-430.0
-440.0
-450.0
-460.0
-470.0
-480.0
-490.0
-500.0
-510.0
-520.0
-530.0
-540.0
-550.0
-560.0
-570.0
-580.0
-590.0
-600.0
-610.0
-620.0
-630.0
-640.0
-650.0
-660.0
-670.0
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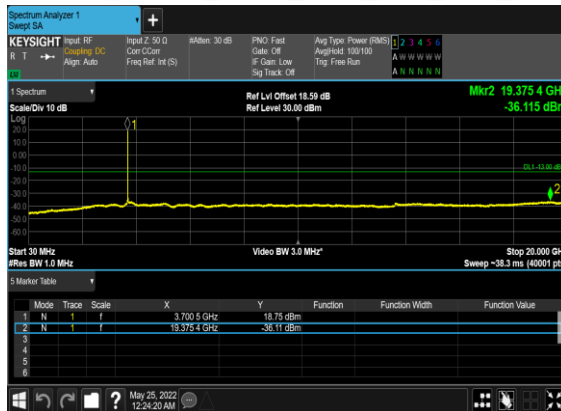
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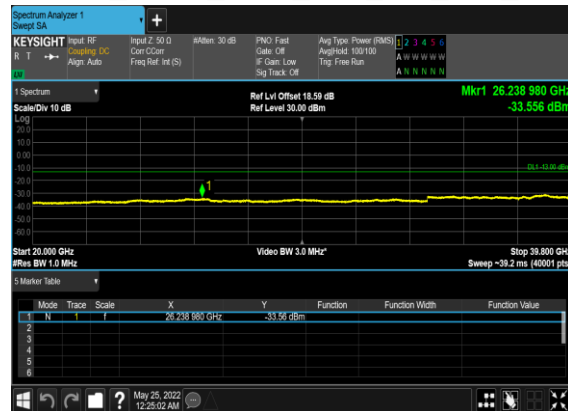
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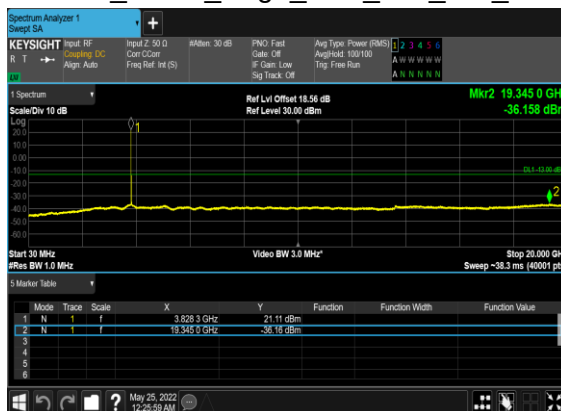
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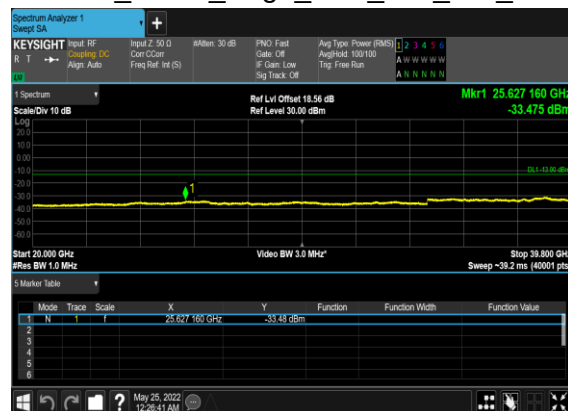
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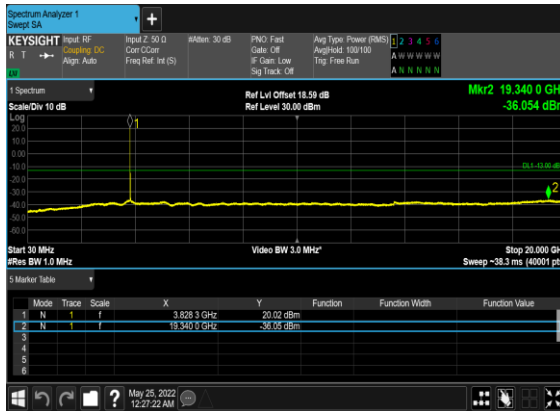
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



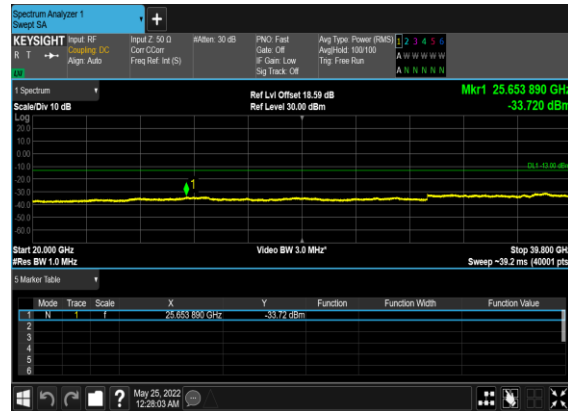
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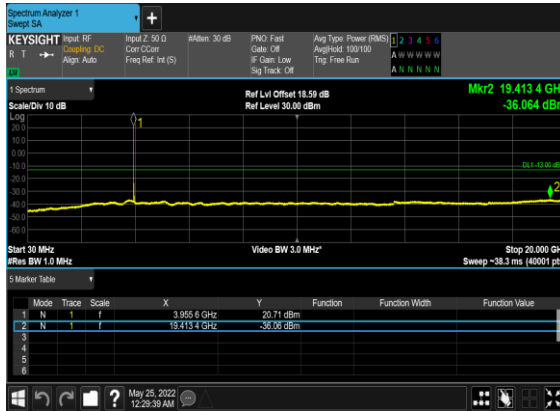
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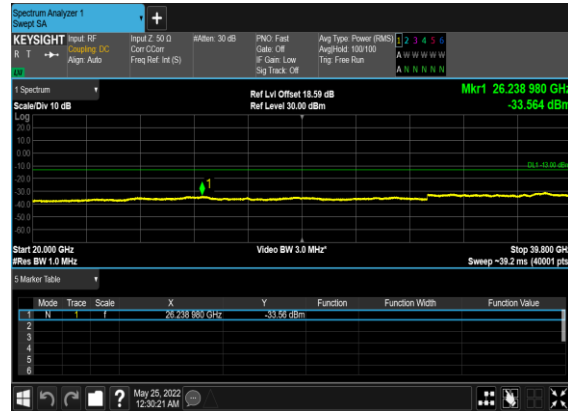
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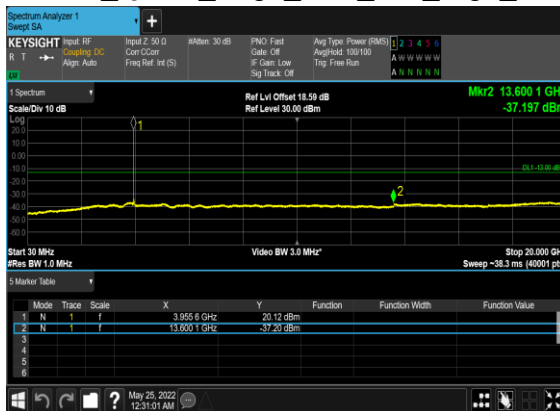
N77(25M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



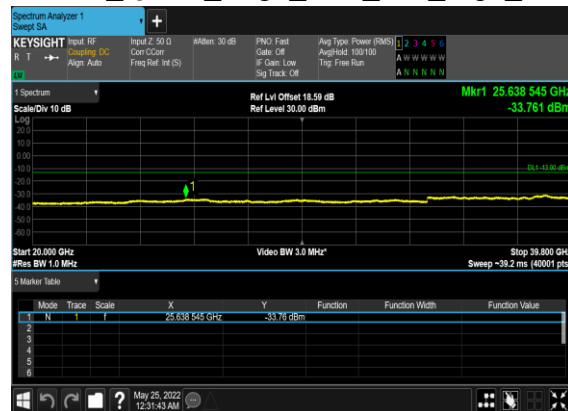
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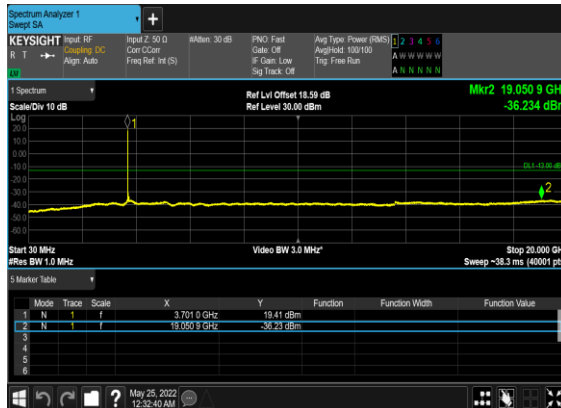
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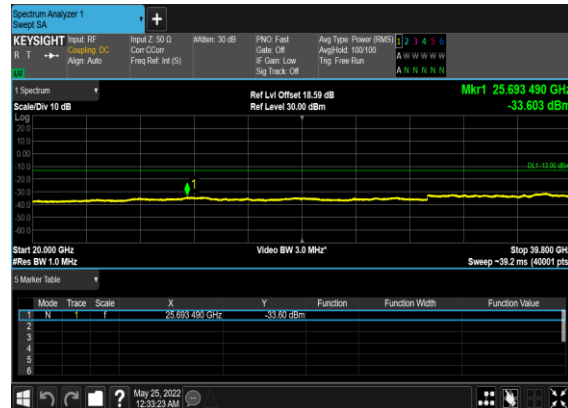
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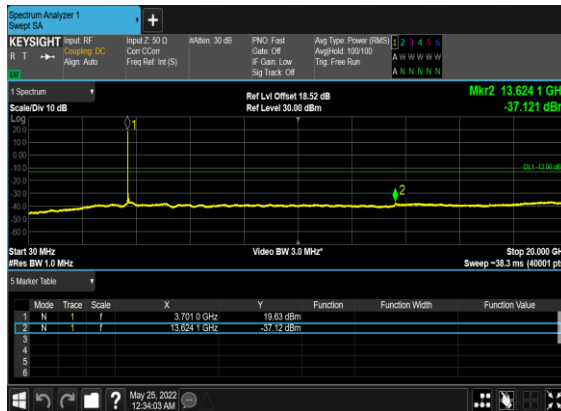
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



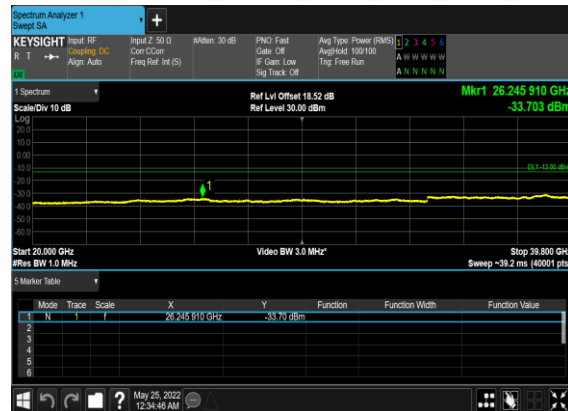
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OFDM_BPSK_Edge_1RB_Left_Low_CH



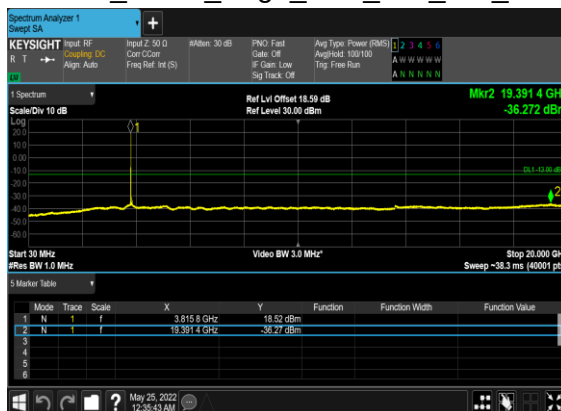
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OFDM_QPSK_Edge_1RB_Left_Low_CH



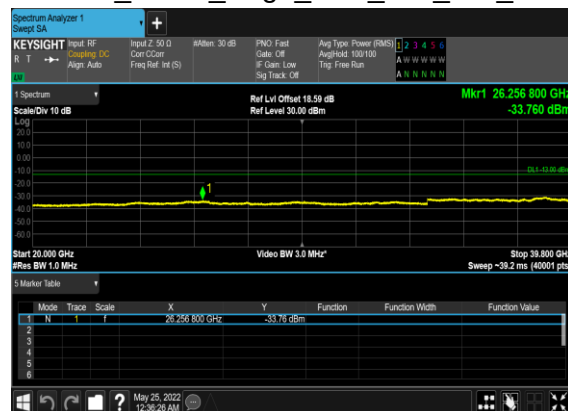
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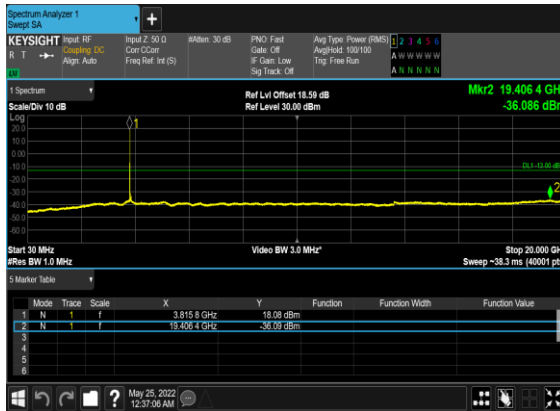
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



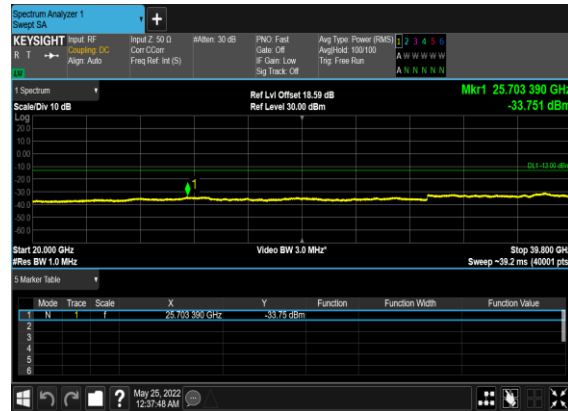
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



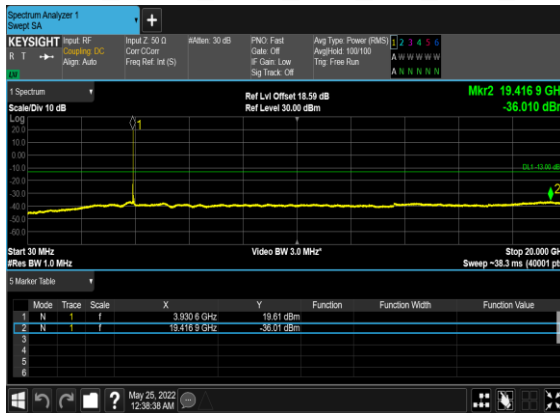
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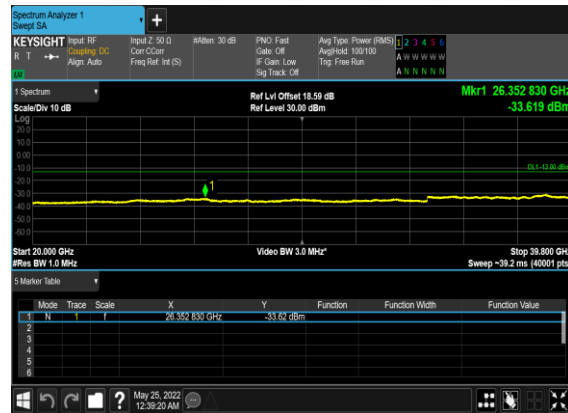
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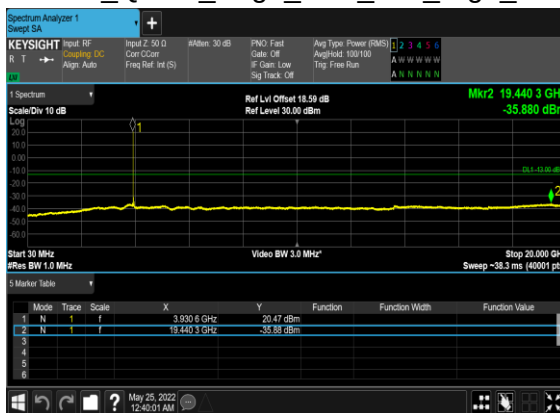
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



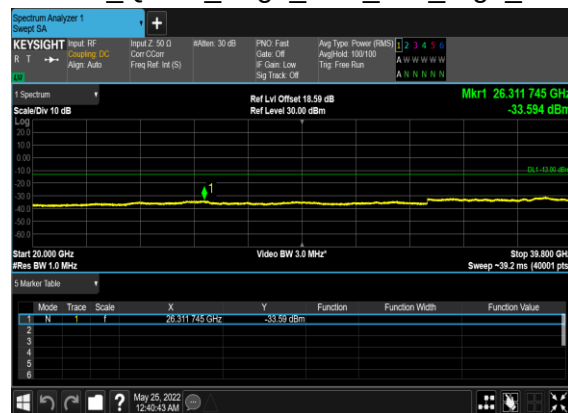
N77(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	15	10	647000	3705.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	15	10	665000	3975.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	15	25	647500	3712.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	15	25	664500	3967.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	648334	3725.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	1@269	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	1@269	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	15	50	663666	3954.99	DFT-s-OFDM QPSK	270@0	see graph	PASS

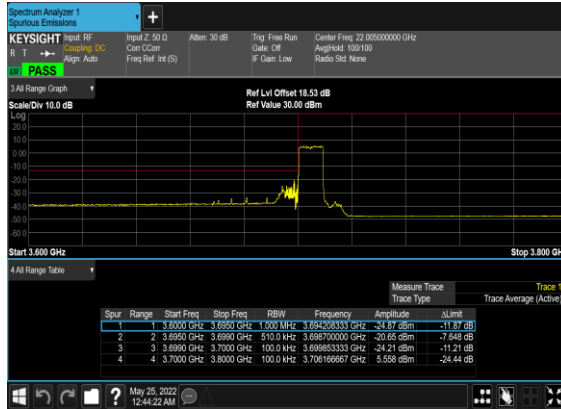
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



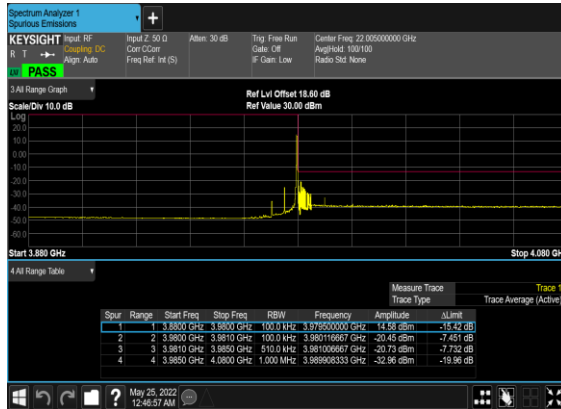
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



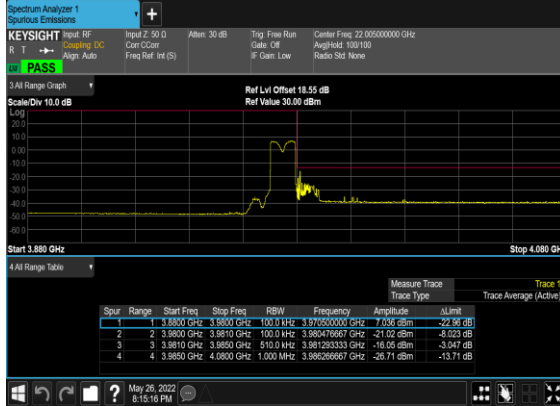
N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



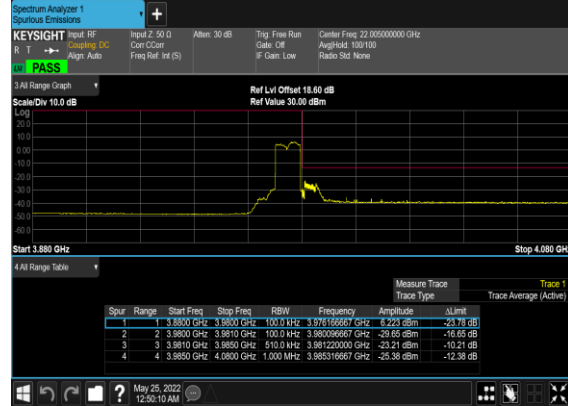
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



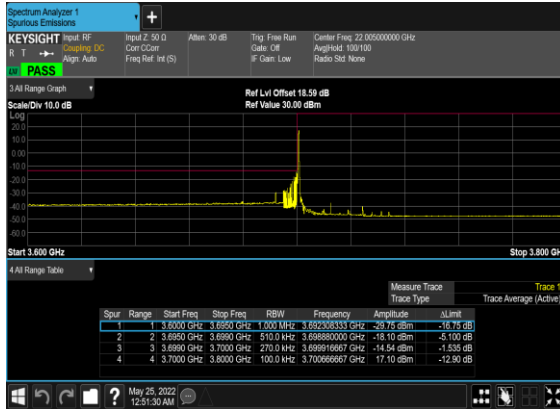
N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



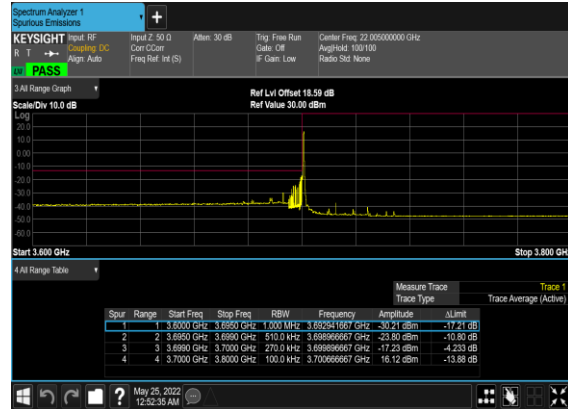
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OFDM_QPSK_Outer_Full_High_CH



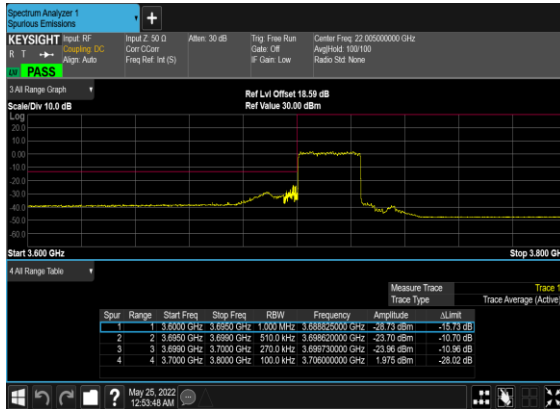
N77(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



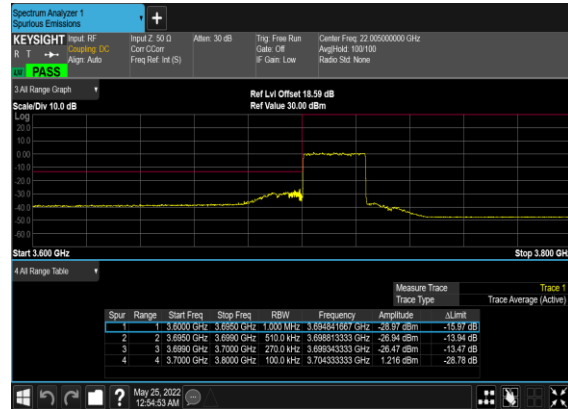
N77(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



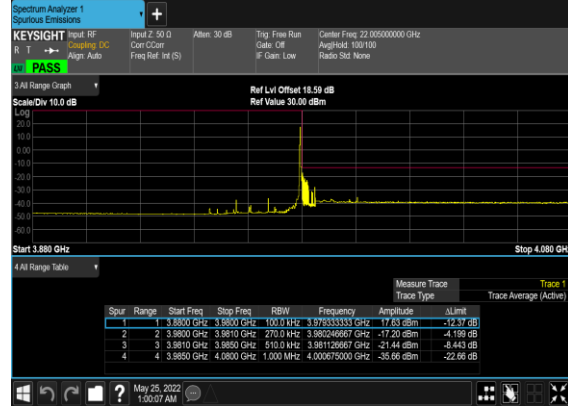
N77(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



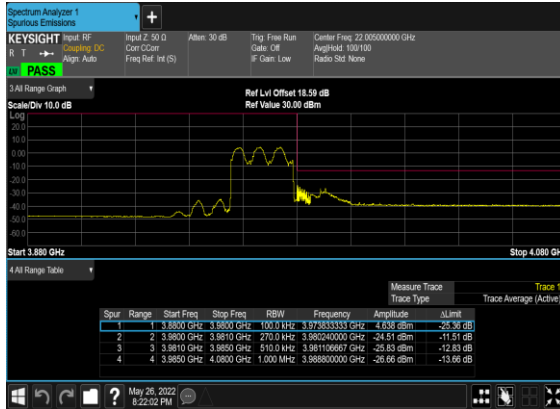
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OFDM_BPSK_Edge_1RB_Right_High_CH



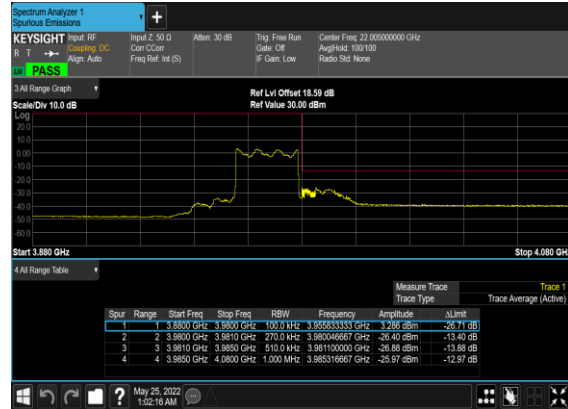
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OFDM_QPSK_Edge_1RB_Right_High_CH



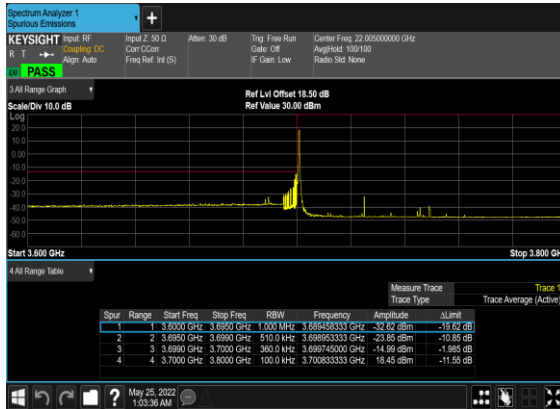
N77(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



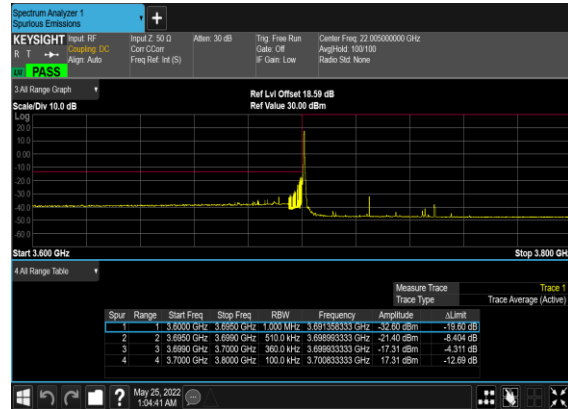
N77(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



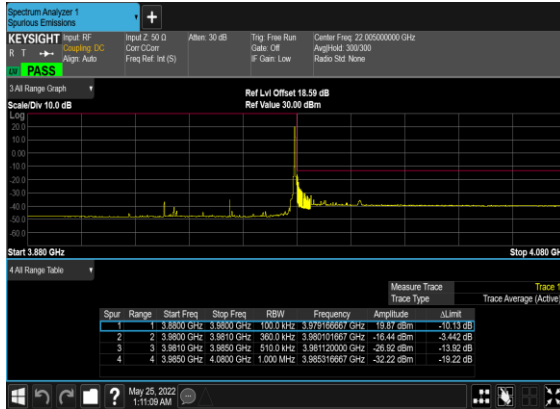
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OFDM_BPSK_Outer_Full_Low_CH



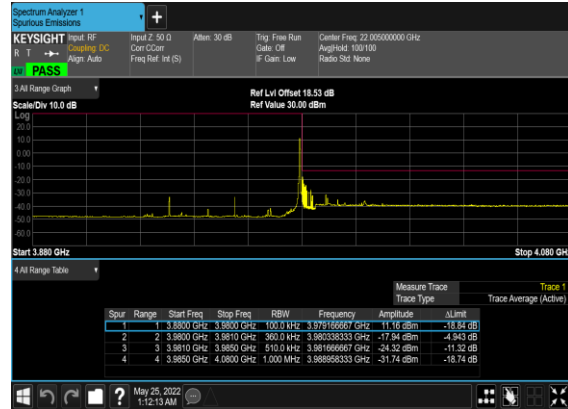
N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



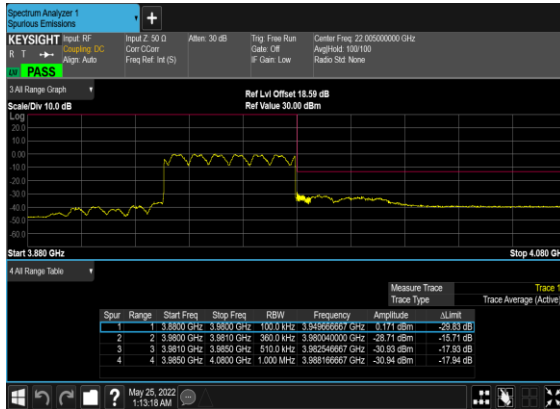
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



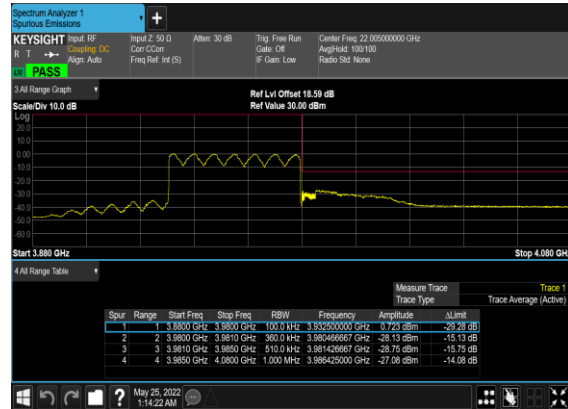
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N77 SCS 15kHz (MIMO ANT5)

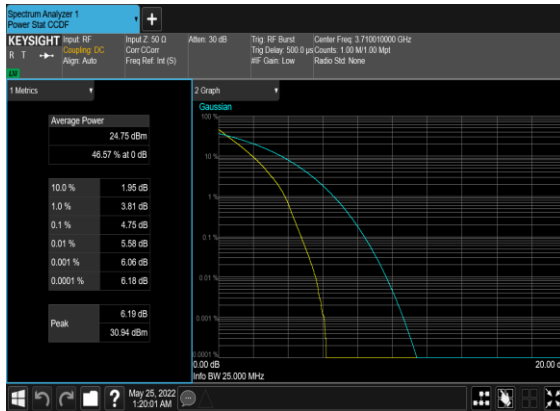
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00408	PASS	NV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00599	PASS	LV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00682	PASS	HV
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00621	PASS	-30°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00527	PASS	-20°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00615	PASS	-10°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.0063	PASS	0°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00607	PASS	10°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00681	PASS	20°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00589	PASS	30°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00569	PASS	40°C
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	0.00534	PASS	50°C

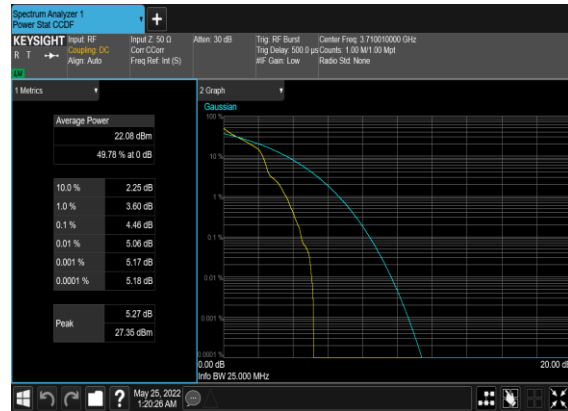
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	15	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	100@0	4.75	13	PASS
77	15	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	4.46	13	PASS
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	100@0	6.0	13	PASS
77	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	5.62	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	4.62	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	4.67	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	5.88	13	PASS
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	5.94	13	PASS
77	15	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	100@0	4.6	13	PASS
77	15	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	5.11	13	PASS
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	100@0	5.97	13	PASS
77	15	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	5.79	13	PASS

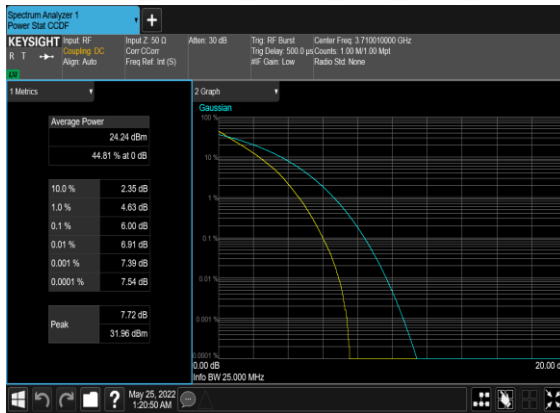
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



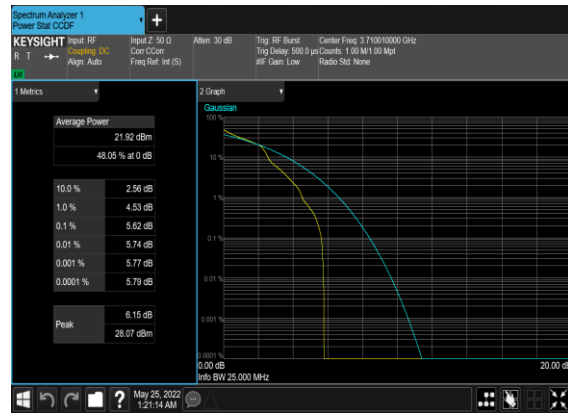
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



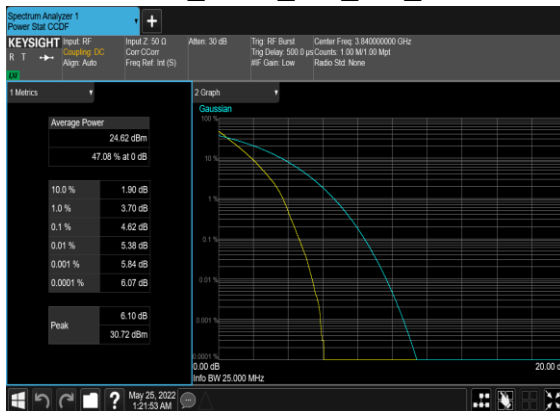
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



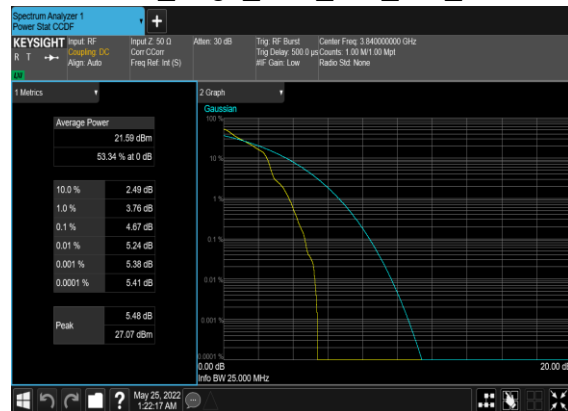
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



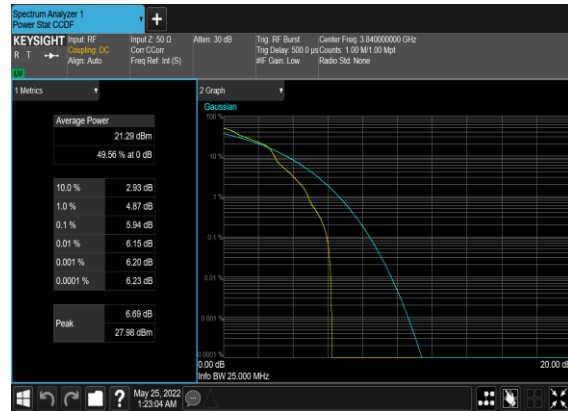
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



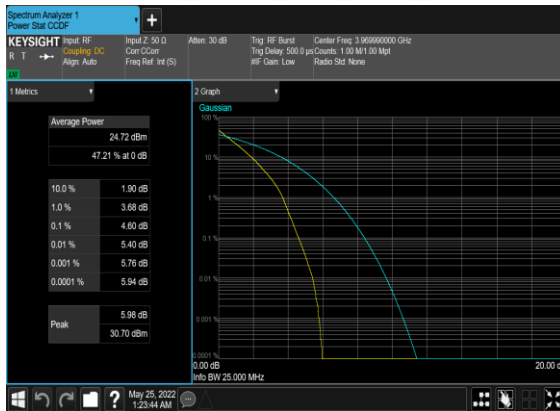
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



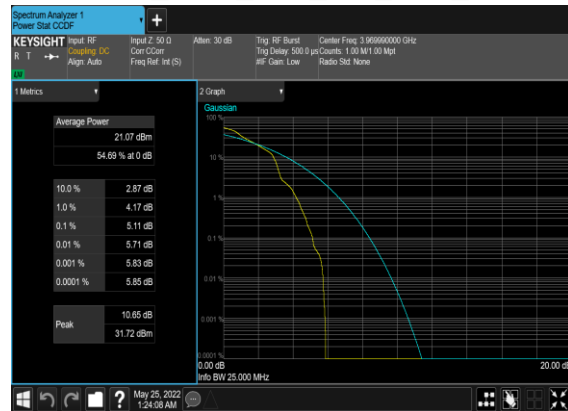
N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



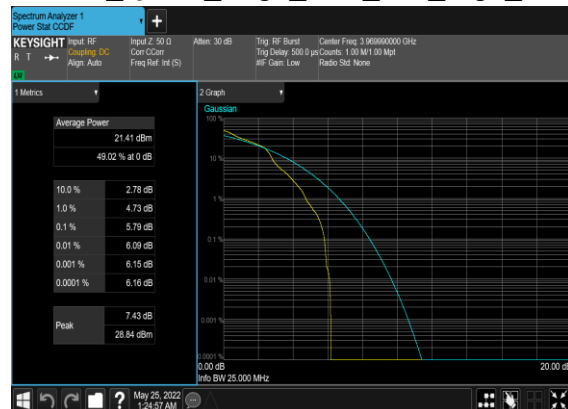
N77(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

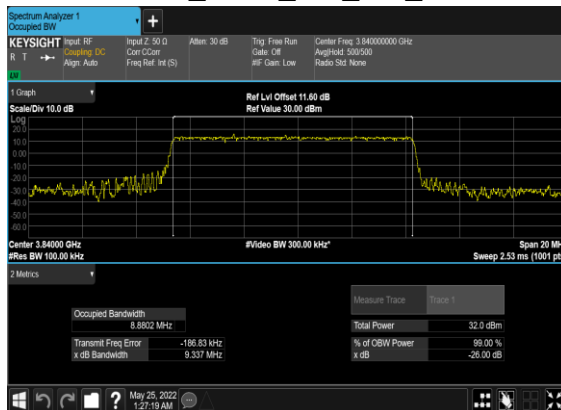


Occupied Bandwidth

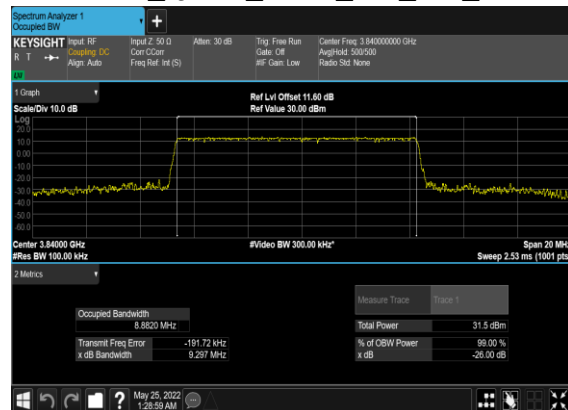
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	15	10	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8802	9.337
77	15	10	656000	3840.0	DFT-s-OFDM QPSK	50@0	8.882	9.297
77	15	10	656000	3840.0	CP-OFDM QPSK	52@0	9.2625	10.16
77	15	10	656000	3840.0	CP-OFDM 16 QAM	52@0	9.2985	9.883
77	15	10	656000	3840.0	CP-OFDM 64 QAM	52@0	9.2724	9.728
77	15	10	656000	3840.0	CP-OFDM 256 QAM	52@0	9.3023	9.932
77	15	15	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	13.392	13.94
77	15	15	656000	3840.0	DFT-s-OFDM QPSK	75@0	13.403	13.91
77	15	15	656000	3840.0	CP-OFDM QPSK	79@0	14.11	14.68
77	15	15	656000	3840.0	CP-OFDM 16 QAM	79@0	14.116	14.77
77	15	15	656000	3840.0	CP-OFDM 64 QAM	79@0	14.073	14.79
77	15	15	656000	3840.0	CP-OFDM 256 QAM	79@0	14.108	14.63
77	15	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	17.857	18.62
77	15	20	656000	3840.0	DFT-s-OFDM QPSK	100@0	17.87	18.59
77	15	20	656000	3840.0	CP-OFDM QPSK	106@0	18.931	19.73
77	15	20	656000	3840.0	CP-OFDM 16 QAM	106@0	18.903	19.88
77	15	20	656000	3840.0	CP-OFDM 64 QAM	106@0	18.903	19.54
77	15	20	656000	3840.0	CP-OFDM 256 QAM	106@0	18.897	19.71
77	15	25	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	22.887	23.68
77	15	25	656000	3840.0	DFT-s-OFDM QPSK	128@0	22.865	23.71
77	15	25	656000	3840.0	CP-OFDM QPSK	133@0	23.713	24.62
77	15	25	656000	3840.0	CP-OFDM 16 QAM	133@0	23.788	24.6
77	15	25	656000	3840.0	CP-OFDM 64 QAM	133@0	23.73	24.59
77	15	25	656000	3840.0	CP-OFDM 256 QAM	133@0	23.706	24.59
77	15	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	160@0	28.685	29.83

77	15	30	656000	3840.0	DFT-s-OFDM QPSK	160@0	28.591	29.61
77	15	30	656000	3840.0	CP-OFDM QPSK	160@0	28.527	30.38
77	15	30	656000	3840.0	CP-OFDM 16 QAM	160@0	28.558	29.75
77	15	30	656000	3840.0	CP-OFDM 64 QAM	160@0	28.546	29.61
77	15	30	656000	3840.0	CP-OFDM 256 QAM	160@0	28.588	29.86
77	15	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	38.528	40.26
77	15	40	656000	3840.0	DFT-s-OFDM QPSK	216@0	38.528	39.89
77	15	40	656000	3840.0	CP-OFDM QPSK	216@0	38.603	39.9
77	15	40	656000	3840.0	CP-OFDM 16 QAM	216@0	38.525	41.82
77	15	40	656000	3840.0	CP-OFDM 64 QAM	216@0	38.493	40.32
77	15	40	656000	3840.0	CP-OFDM 256 QAM	216@0	38.597	39.87
77	15	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	48.253	49.78
77	15	50	656000	3840.0	DFT-s-OFDM QPSK	270@0	48.236	49.83
77	15	50	656000	3840.0	CP-OFDM QPSK	270@0	48.118	49.79
77	15	50	656000	3840.0	CP-OFDM 16 QAM	270@0	48.142	49.78
77	15	50	656000	3840.0	CP-OFDM 64 QAM	270@0	48.231	49.83
77	15	50	656000	3840.0	CP-OFDM 256 QAM	270@0	48.191	50.12

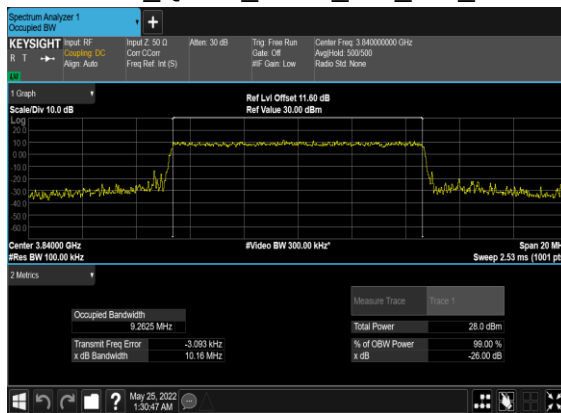
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BPSK_Outer_Full_Mid_CH



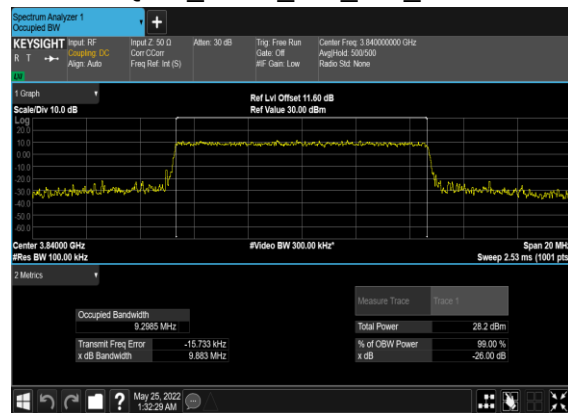
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OFDM_QPSK_Outer_Full_Mid_CH



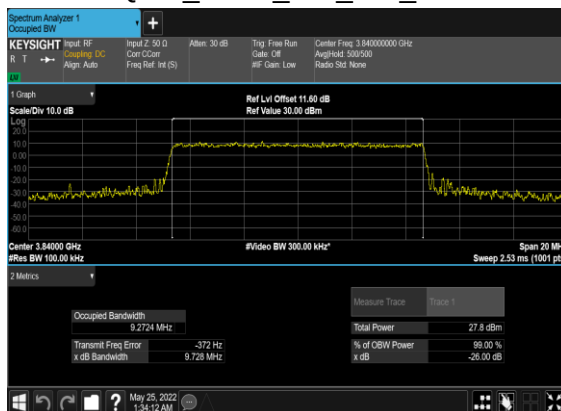
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

