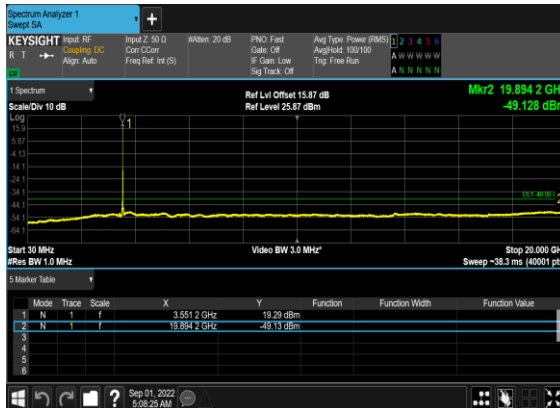
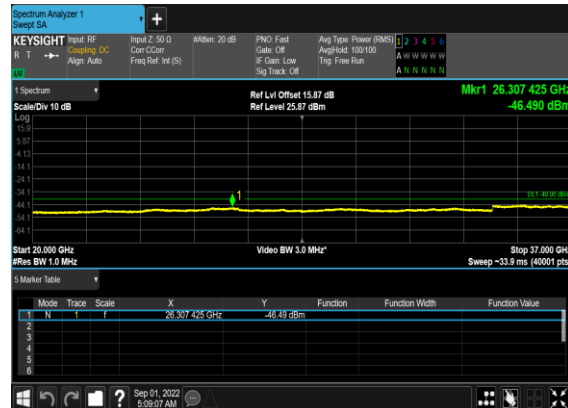


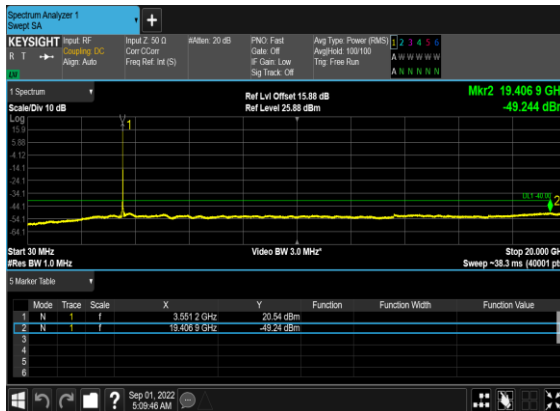
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



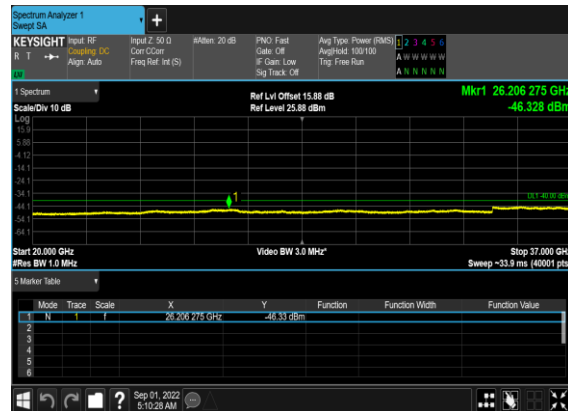
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



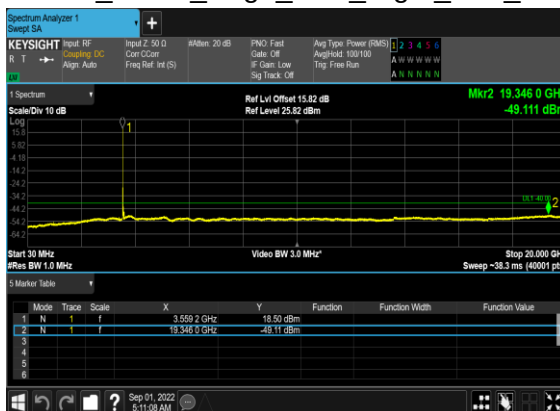
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



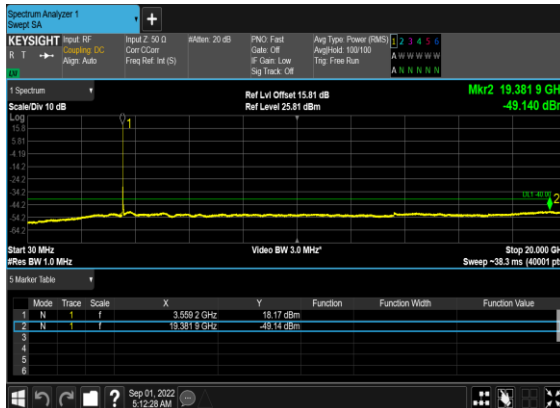
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



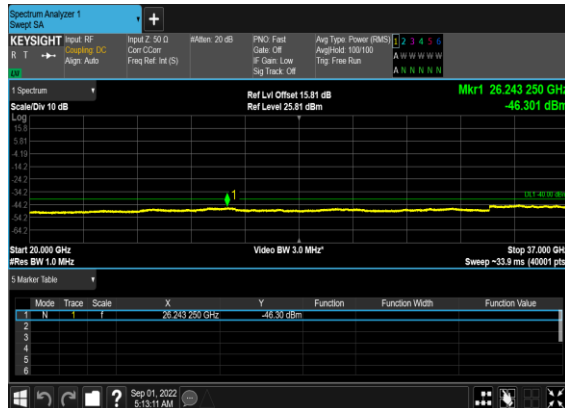
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



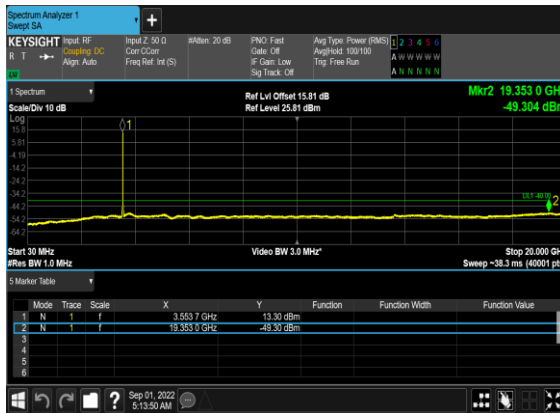
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



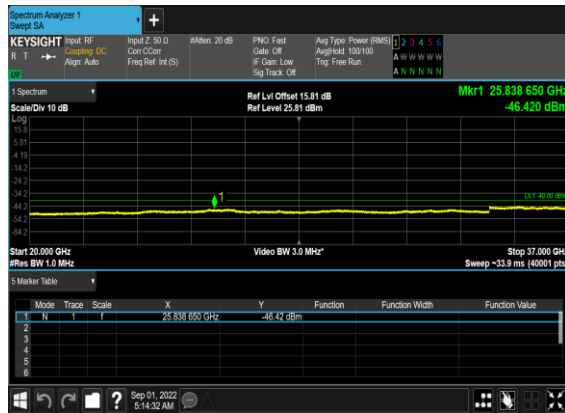
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OFDM_QPSK_Edge_1RB_Right_Low_CH



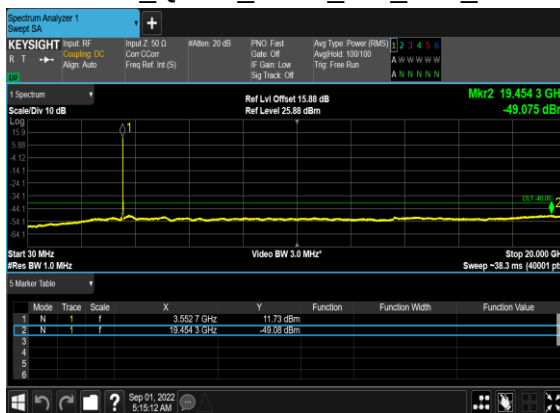
N48(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



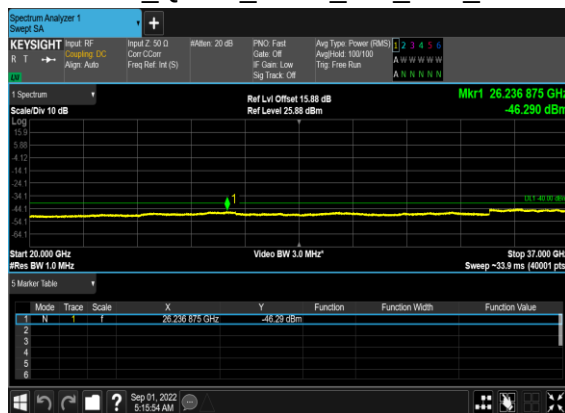
N48(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



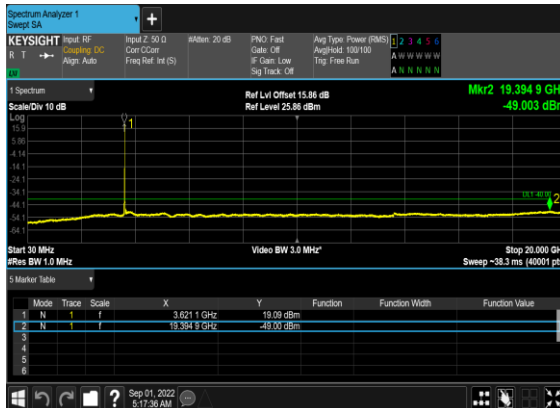
N48(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



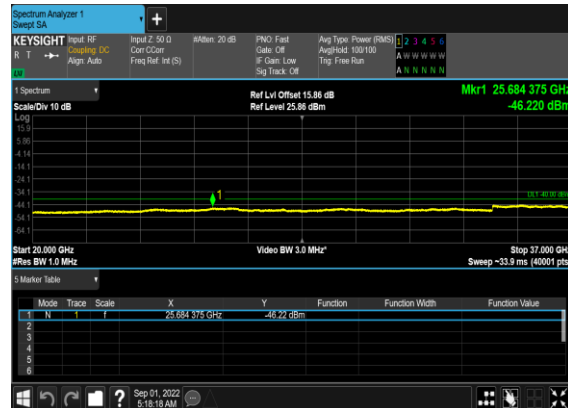
N48(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



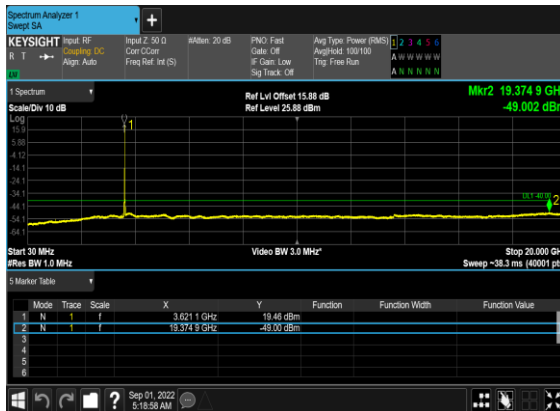
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



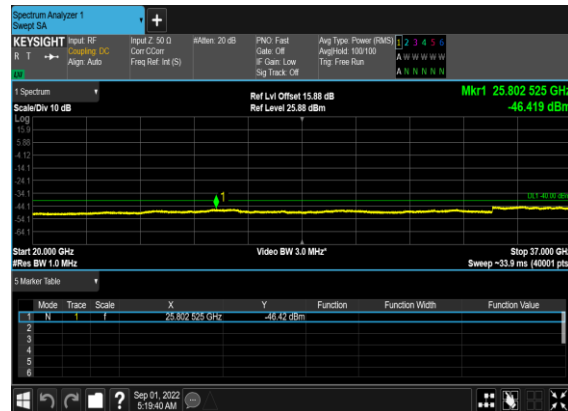
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



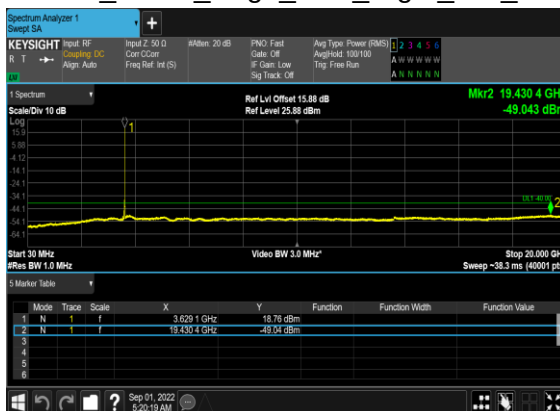
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



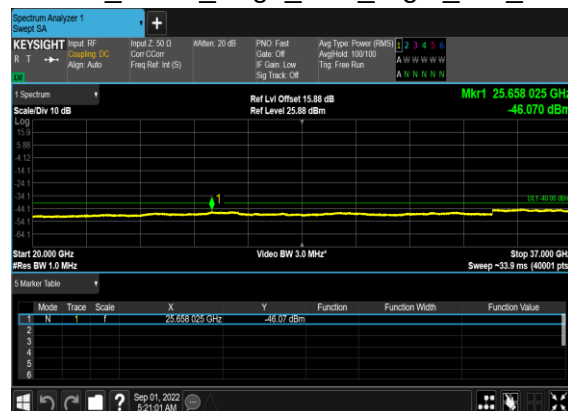
N48(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



[illegible]

The screenshot displays a Spectrum Analyzer interface. At the top, the title bar reads "Spectrum Analyzer 1" and "Sweep SA". Below this, the "KEYSTONE" section shows input settings: "Input RF", "Coupling DC", "Align Auto", "Input Z 50 Ω", "Corr CCen", "Freq Ref. Int (S)", "#Attb: 20 dB", "PNO: Fast", "Gate: Off", "F Gain: Low", "Sig Track: Off", "Avg Type: Power (RMS)", "Averglod: 100/100", "Trig: Free Run", and a status bar with "1 2 3 4 5 6" and "A W W W W W" and "A N N N N N".

The main display area shows a spectrum plot with a yellow trace. The x-axis is labeled "Frequency" and the y-axis is labeled "Log". The plot shows a signal at 26.242 GHz with a level of -46.36 dBm. The plot is titled "Mkr1 26.242 400 GHz" and "Ref Level 25.00 dBm". The plot also shows "Ref Lvl Offset 15.90 dBm" and "Ref Level 25.00 dBm". The plot is titled "Mkr1 26.242 400 GHz" and "Ref Level 25.00 dBm". The plot also shows "Ref Lvl Offset 15.90 dBm" and "Ref Level 25.00 dBm".

At the bottom, the "Marker Table" is visible, showing a single marker at 26.242100 GHz with a level of -46.36 dBm.

Marker	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	F	26.242100 GHz	-46.36 dBm			

Spectrum Analyzer 1
Sweep SA

KEYSTONE Input RF
R T → Locking DC
Align Auto

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

Attenu: 20 dB

PHO Fast
Gate: Off
F: 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

1 Spectrum
Scale/Div 10 dB
Log
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
-9.0
-10.0

Ref Level 25.88 dBm
Ref Lvl Offset 15.88 dBm

Mkr2 19.3834 GHz
-49.08 dBm

100% BW

Start 30 MHz
#Res BW 1.0 MHz
Video BW 3.0 MHz*
Stop 20.0 GHz
Sweep -38.3 ms (40001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	3.023 6 GHz	-11.44 dBm			
2	N	1	f	19.383 4 GHz	-49.01 dBm			
3								
4								
5								
6								

Sep 01, 2022
5:23:02 AM

Keysight Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input: RF
 R T $\leftrightarrow$ **Channeling** DC
 Auto Auto

Input Z: 50 Ω
 Corr: Corr
 Freq Ref: int (S)

Att: 20 dB

PN1: Fast
 Gate: Off
 R: Gain: Low
 Sig Track: Off

Avg Type: Power (RMS)
 Averaged: 100/100
 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

17.0
 16.0
 15.0
 14.0
 13.0
 12.0
 11.0
 10.0
 9.0
 8.0
 7.0
 6.0
 5.0
 4.0
 3.0
 2.0
 1.0
 0.0

Ref Lvl Offset: 15.88 dBm
 Ref Level: 25.88 dBm

Mkr1 25.690 325 GHz
 -46.307 dBm

Start 20.000 GHz
 #Res BW 1.0 MHz

Video BW 3.0 MHz

Sweep 37.000 GHz
 Sweep -33.8 ms (40001 pts)

5 Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	25.690 325 GHz	-46.31 dBm			
2							
3							
4							
5							
6							

Sep 01, 2022
 5:23:44 AM

[illegible]

Spectrum Analyzer 1
Setup SA

KEYSIGHT Input: RF, Coupling: DC, Algs: Auto, Input 2: 50.0, Corr: CCor, Freq: Ref, Int: (S), #Att: 20.0 dB, PNO: Fast, Gate: Off, S' Gain: Low, Sig: Track: Off, Avg Type: Power (RMS), AvgHold: 100/100, 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
123
118
113
108
103
97.2
91.2
85.2
79.2
73.2
67.2
61.2
55.2
49.2
43.2
37.2
31.2
25.2
19.2
13.2
7.2
1.2
-4.8
-10.8
-16.8
-22.8
-28.8
-34.8
-40.8
-46.8
-52.8
-58.8
-64.8
-70.8
-76.8
-82.8
-88.8
-94.8
-100.8
-106.8
-112.8
-118.8
-124.8
-130.8
-136.8
-142.8
-148.8
-154.8
-160.8
-166.8
-172.8
-178.8
-184.8
-190.8
-196.8
-202.8
-208.8
-214.8
-220.8
-226.8
-232.8
-238.8
-244.8
-250.8
-256.8
-262.8
-268.8
-274.8
-280.8
-286.8
-292.8
-298.8
-304.8
-310.8
-316.8
-322.8
-328.8
-334.8
-340.8
-346.8
-352.8
-358.8
-364.8
-370.8
-376.8
-382.8
-388.8
-394.8
-400.8
-406.8
-412.8
-418.8
-424.8
-430.8
-436.8
-442.8
-448.8
-454.8
-460.8
-466.8
-472.8
-478.8
-484.8
-490.8
-496.8
-502.8
-508.8
-514.8
-520.8
-526.8
-532.8
-538.8
-544.8
-550.8
-556.8
-562.8
-568.8
-574.8
-580.8
-586.8
-592.8
-598.8
-604.8
-610.8
-616.8
-622.8
-628.8
-634.8
-640.8
-646.8
-652.8
-658.8
-664.8
-670.8
-676.8
-682.8
-688.8
-694.8
-700.8
-706.8
-712.8
-718.8
-724.8
-730.8
-736.8
-742.8
-748.8
-754.8
-760.8
-766.8
-772.8
-778.8
-784.8
-790.8
-796.8
-802.8
-808.8
-814.8
-820.8
-826.8
-832.8
-838.8
-844.8
-850.8
-856.8
-862.8
-868.8
-874.8
-880.8
-886.8
-892.8
-898.8
-904.8
-910.8
-916.8
-922.8
-928.8
-934.8
-940.8
-946.8
-952.8
-958.8
-964.8
-970.8
-976.8
-982.8
-988.8
-994.8
-1000.8

Ref Lvl Offset 13.84 dB
Ref Level 22.84 dBm

Mkr1 26.238 150 GHz
-49.306 dBm

Start 20.000 GHz
#Res BW 1.0 MHz

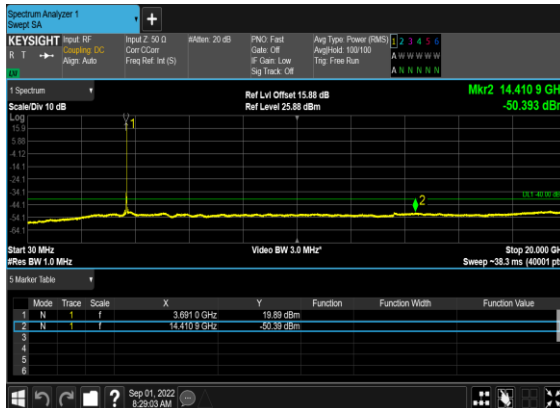
Video BW 1.0 MHz

Stop 37.000 GHz
Sweep ~33.9 ms (40001 pts)

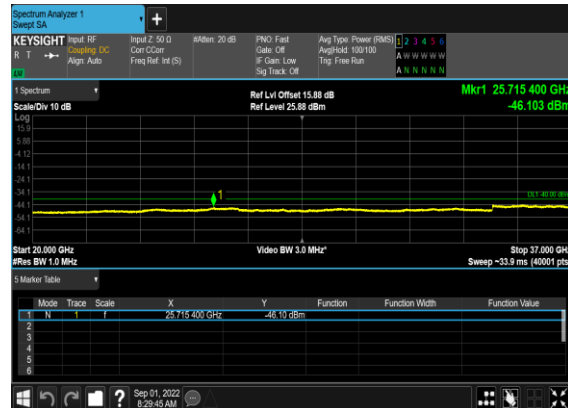
Marker Table

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	26.238 150 GHz	-49.31 dBm			
2							
3							
4							
5							
6							

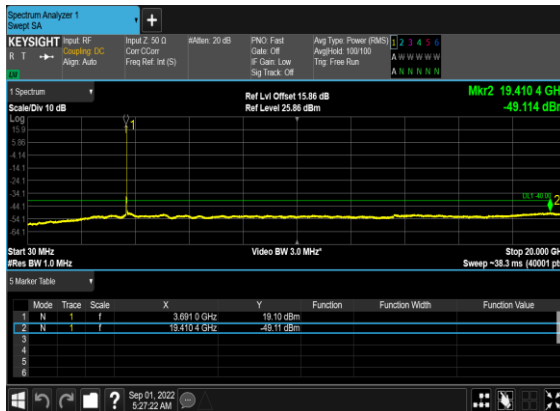
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



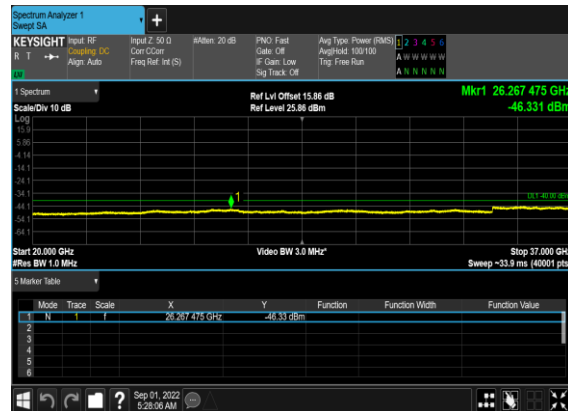
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



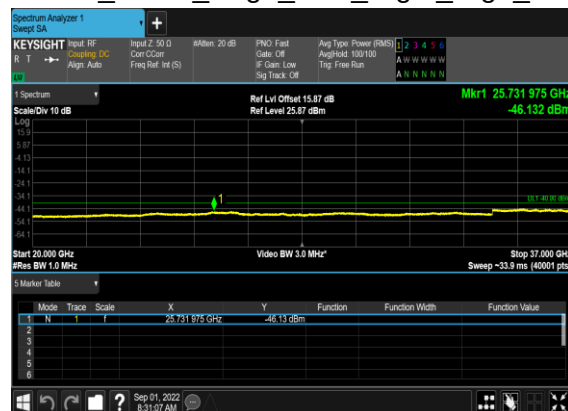
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



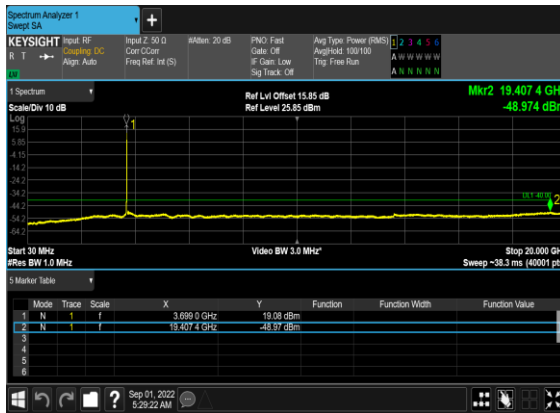
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



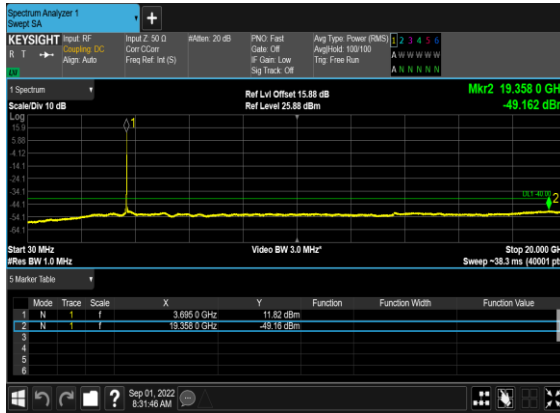
N48(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_C H



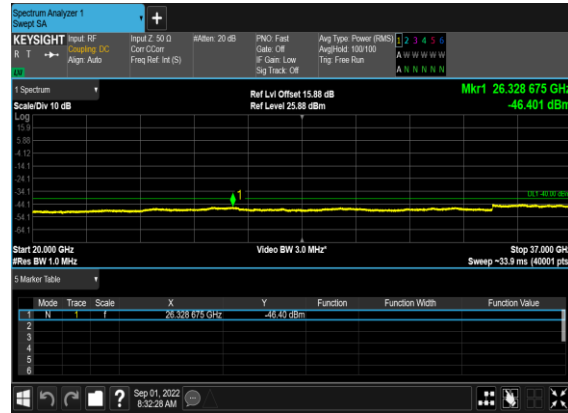
N48(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_C H



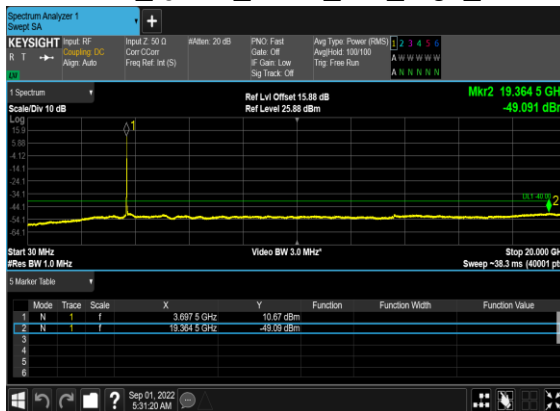
N48(10M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



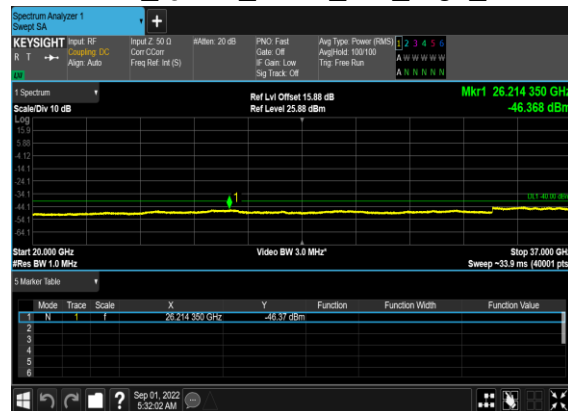
N48(10M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



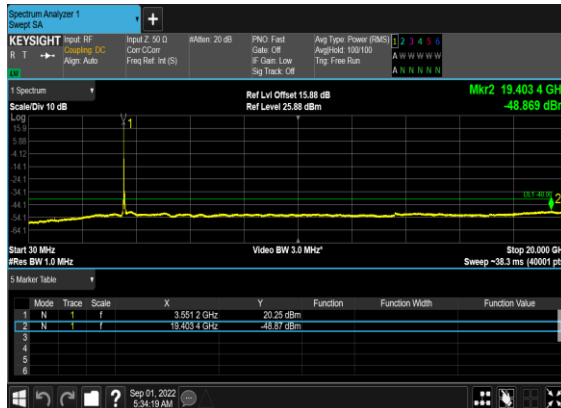
N48(10M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



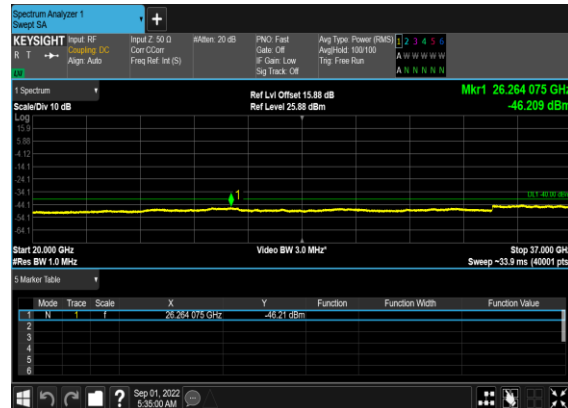
N48(10M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



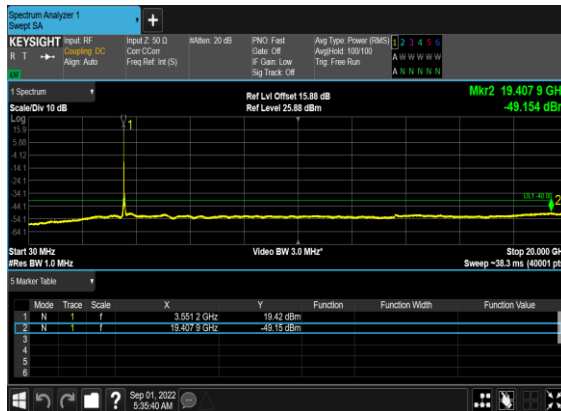
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



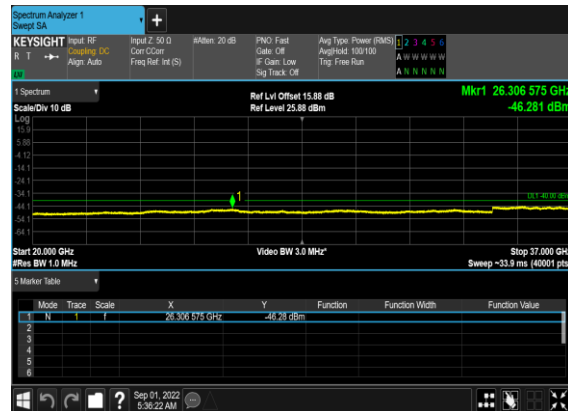
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



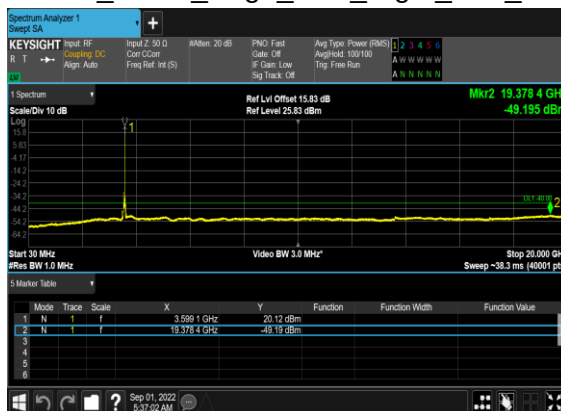
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



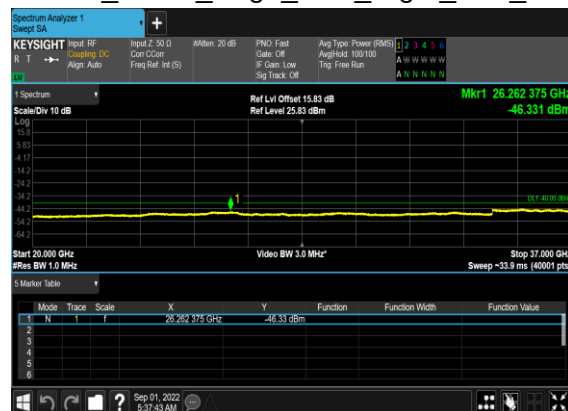
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



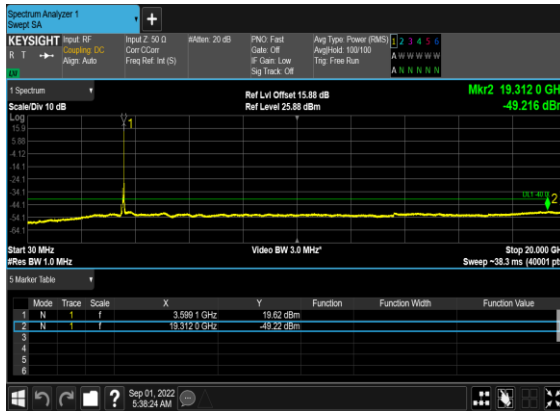
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



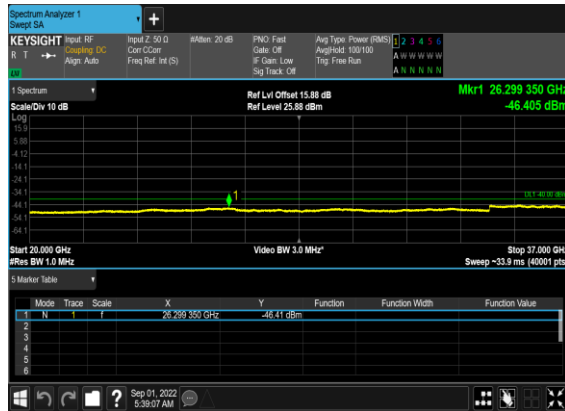
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Low_CH



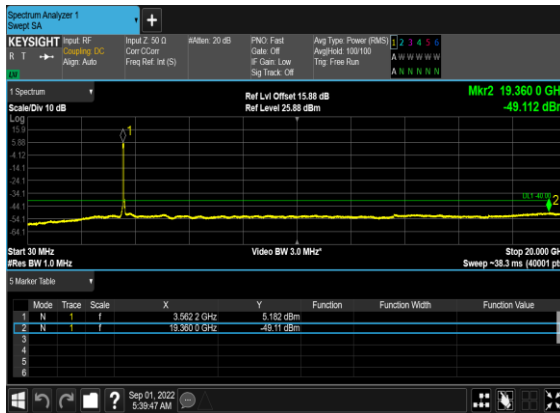
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Low_CH



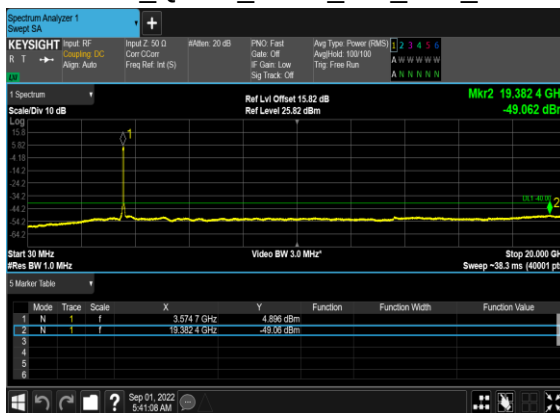
N48(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



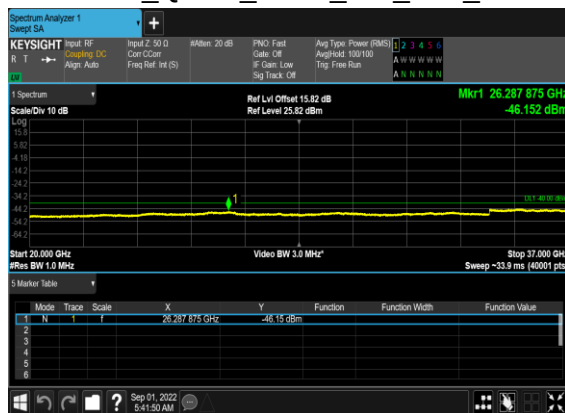
N48(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



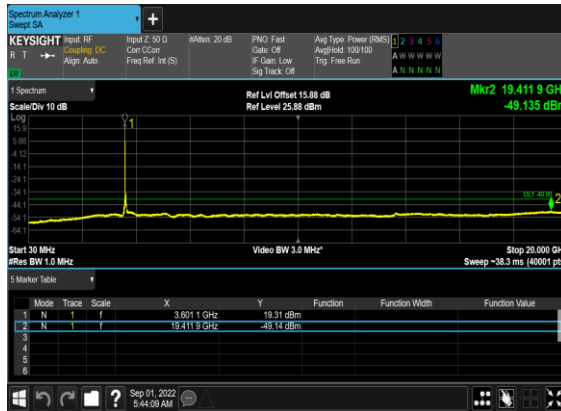
N48(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N48(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



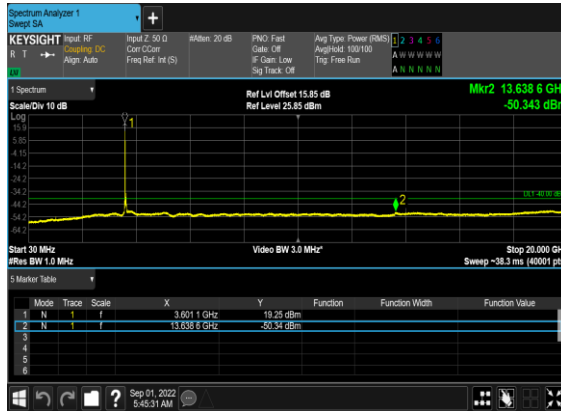
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



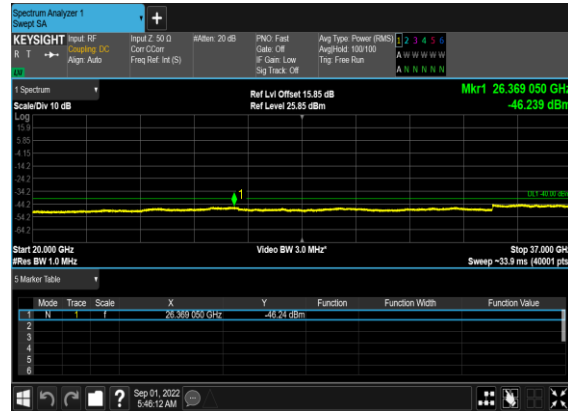
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



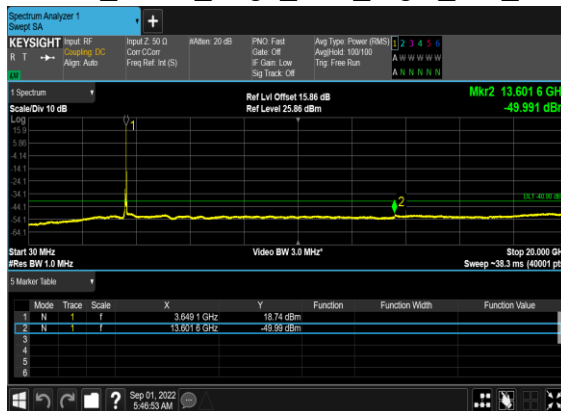
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



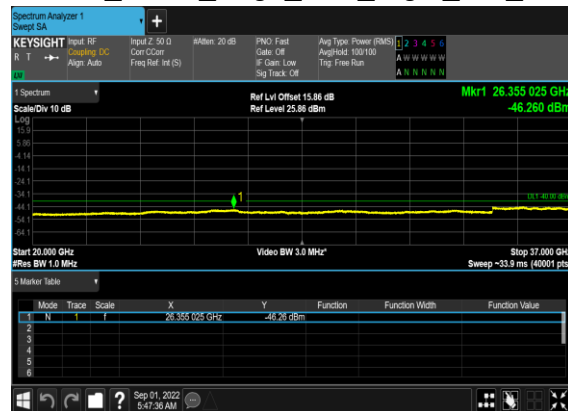
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



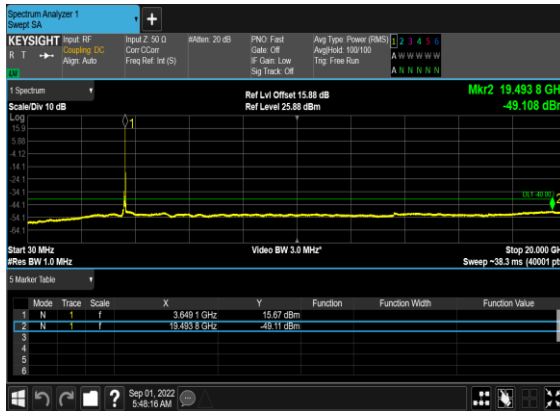
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



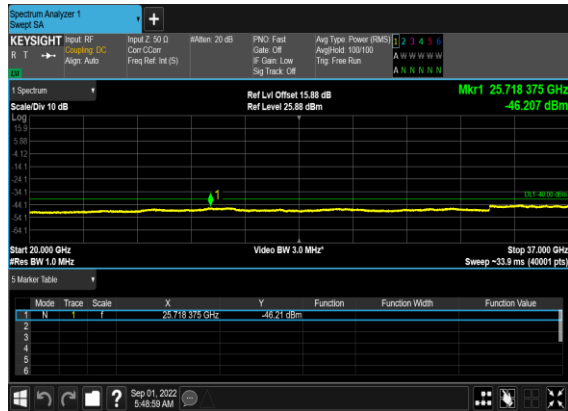
N48(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



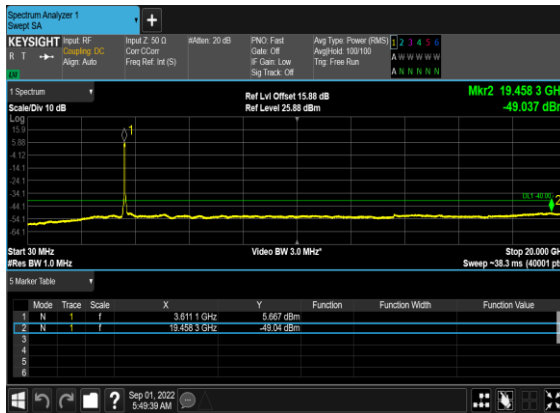
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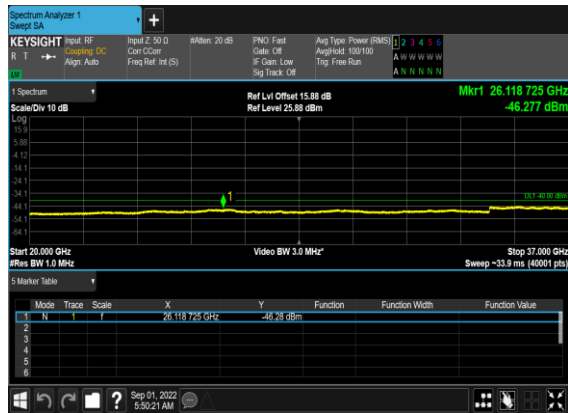
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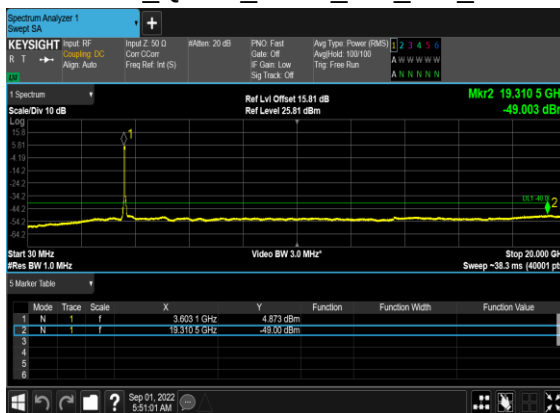
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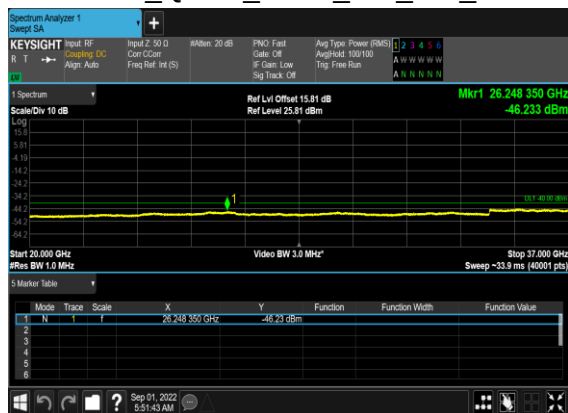
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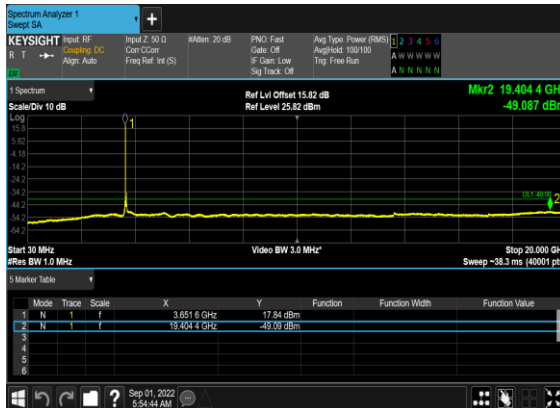
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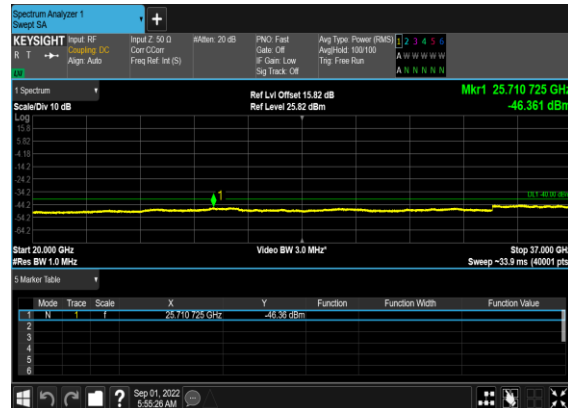
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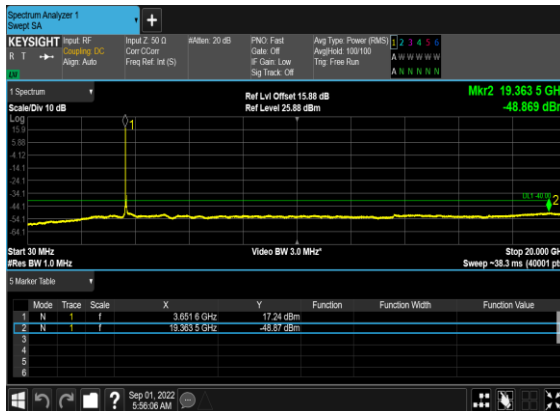
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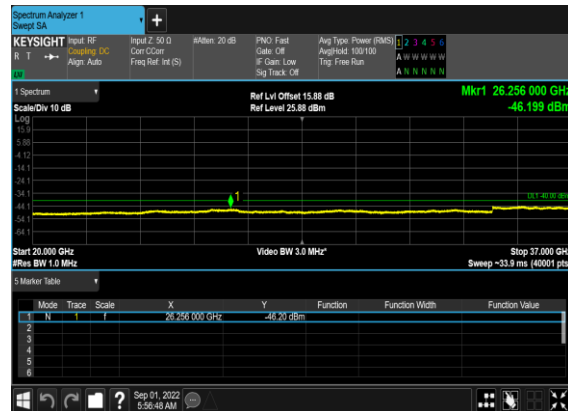
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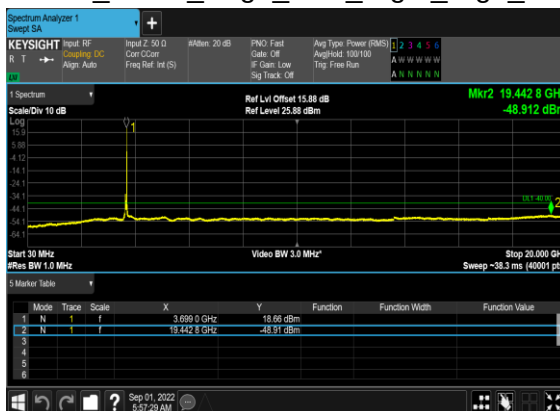
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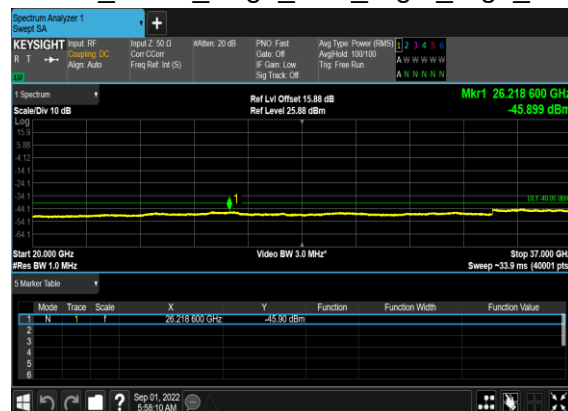
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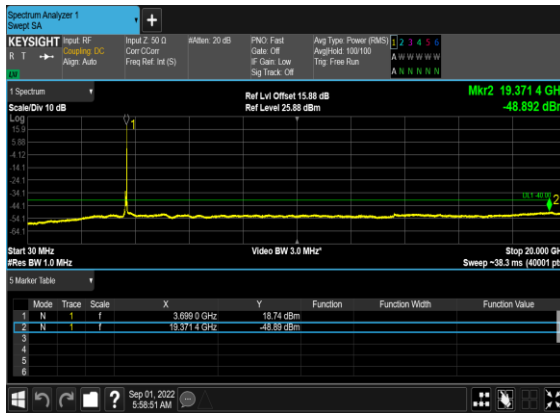
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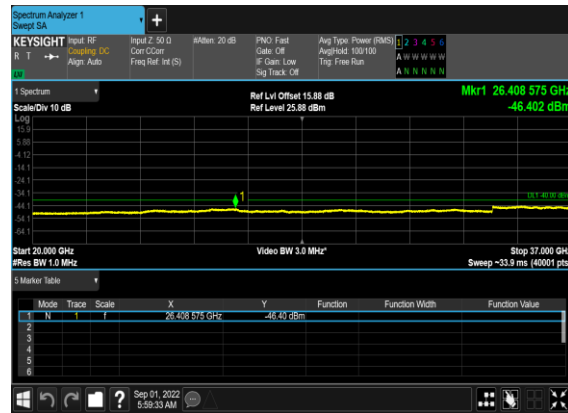
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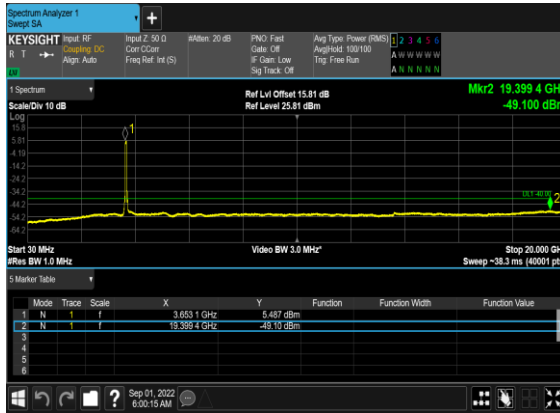
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OFDM_QPSK_Edge_1RB_Right_High_C
H



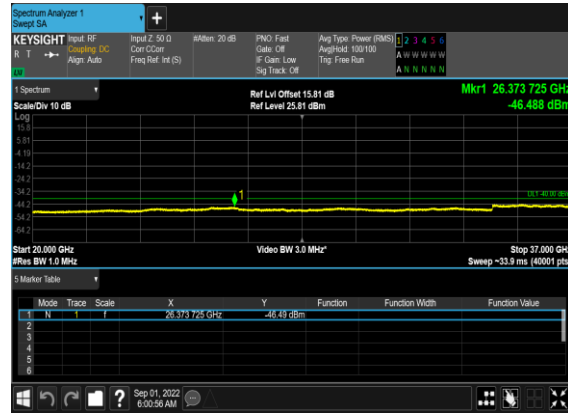
N48(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_C
H



N48(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N48(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



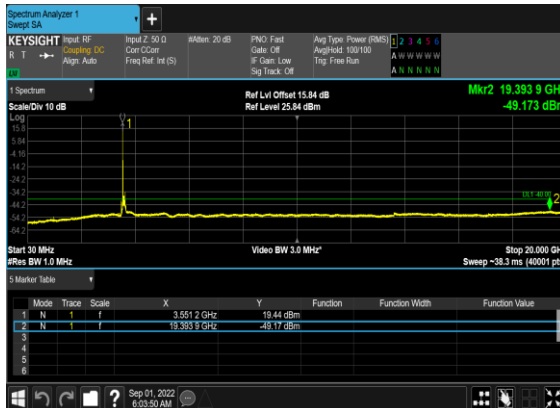
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OFDM_QPSK_Outer_Full_High_CH



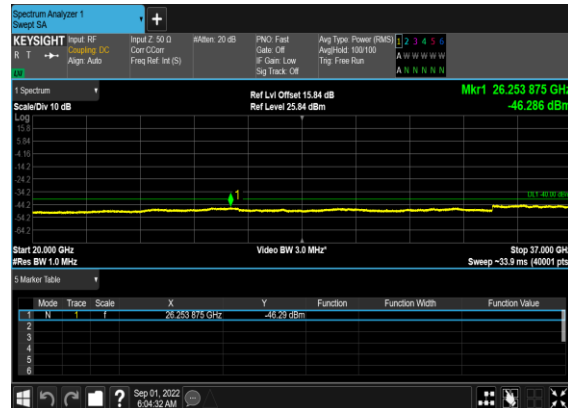
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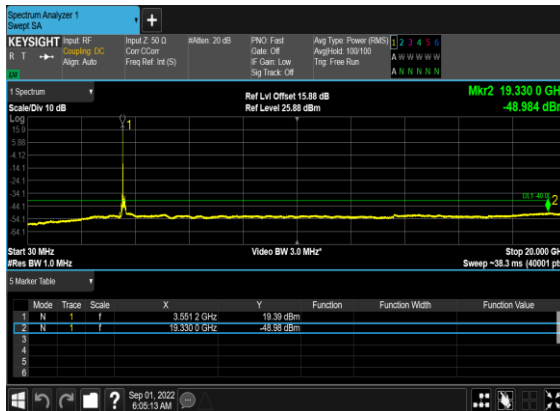
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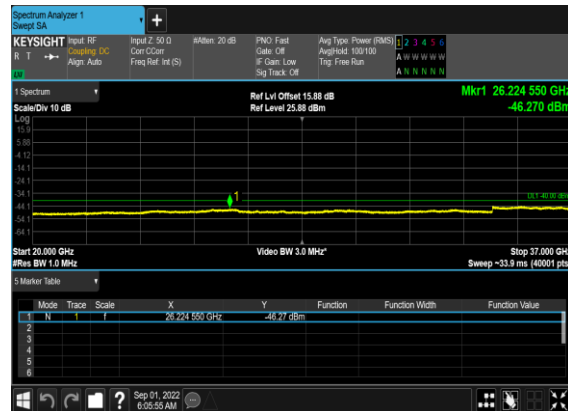
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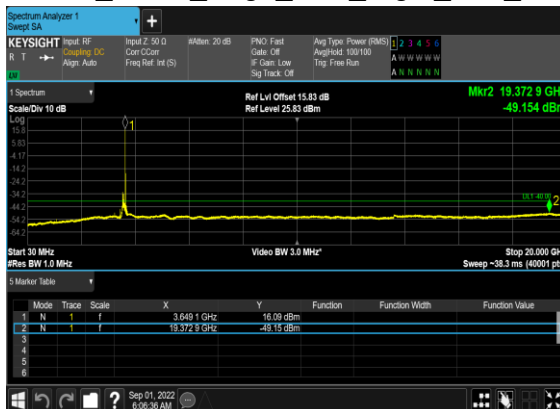
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N48(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



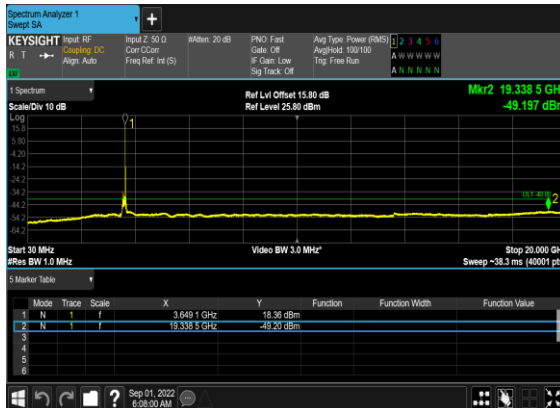
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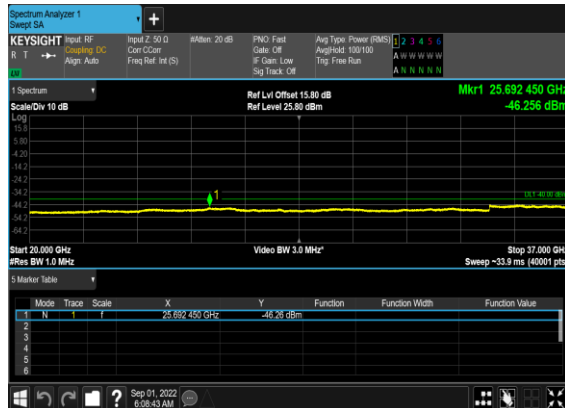
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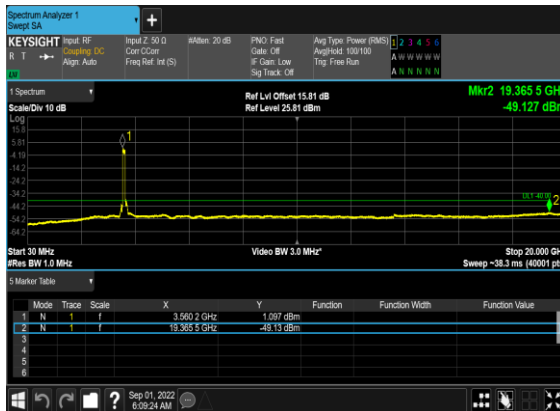
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OFDM_QPSK_Edge_1RB_Right_Low_CH



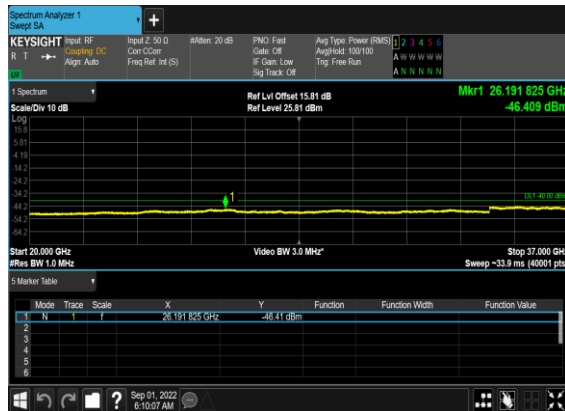
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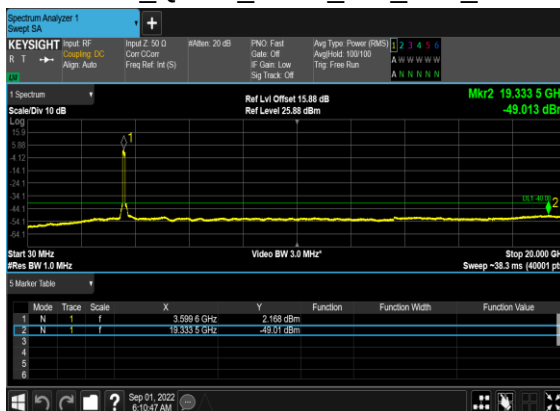
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OFDM_BPSK_Outer_Full_Low_CH



N48(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



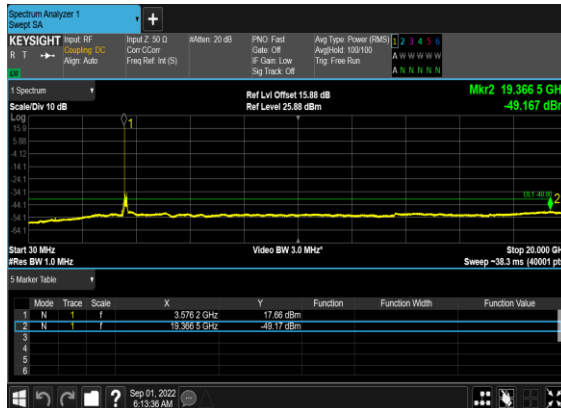
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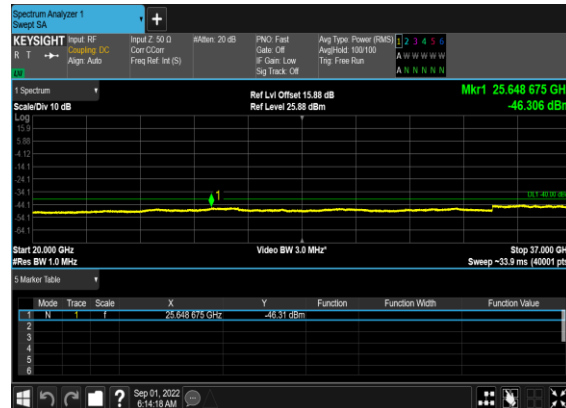
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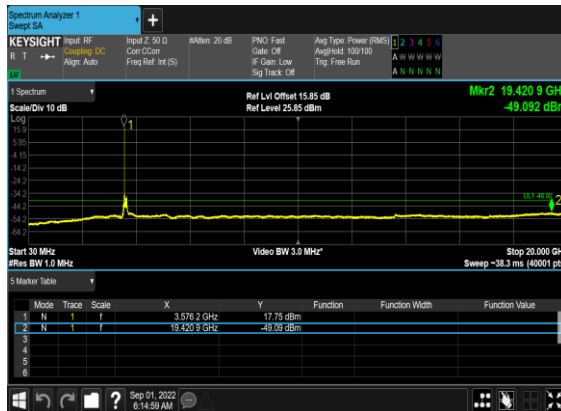
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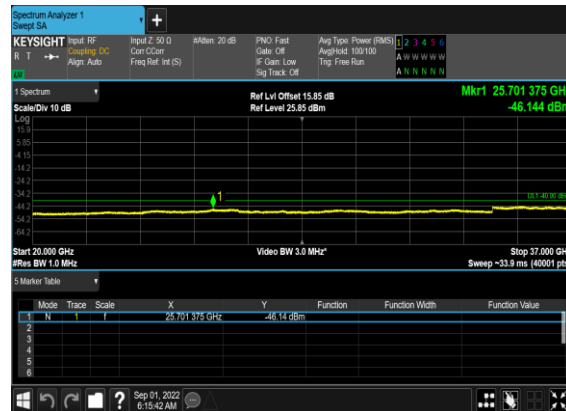
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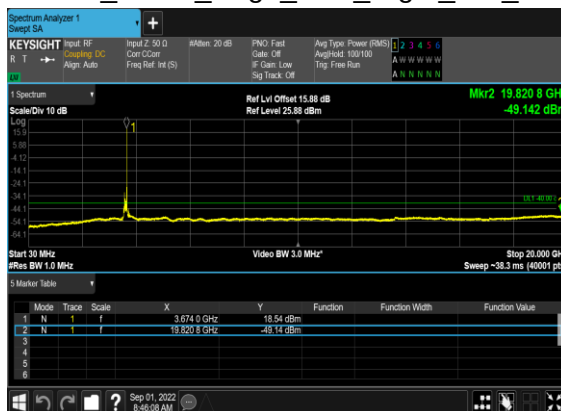
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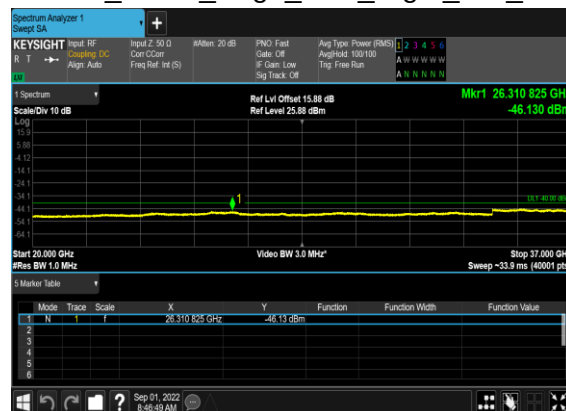
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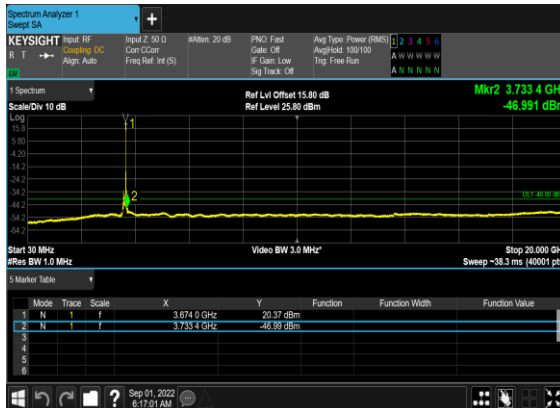
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OFDM_BPSK_Edge_1RB_Right_Mid_CH



N48(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH



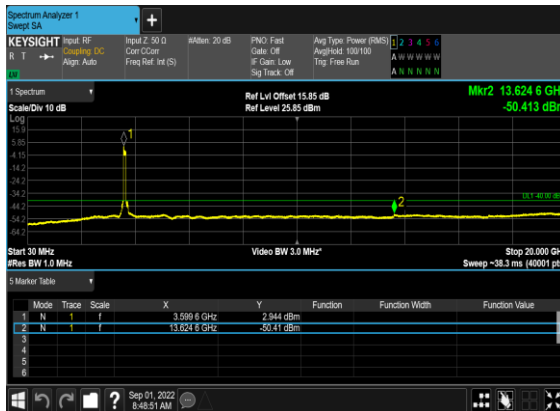
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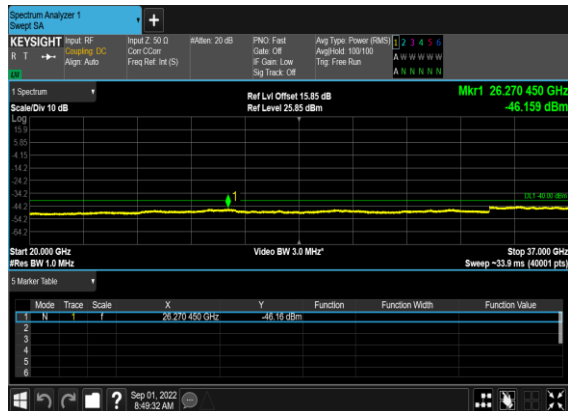
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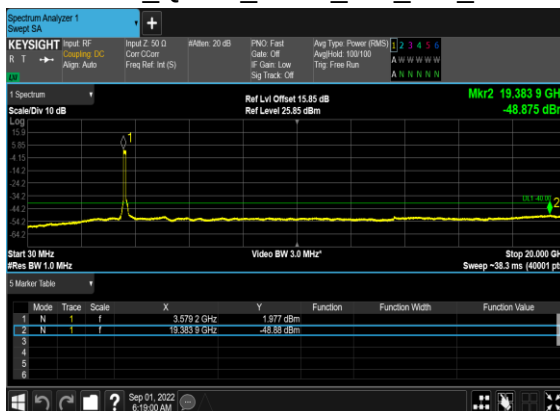
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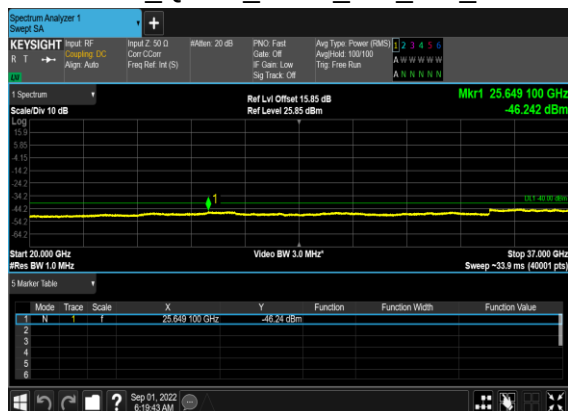
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OFDM_BPSK_Outer_Full_Mid_CH



N48(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N48(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N48(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



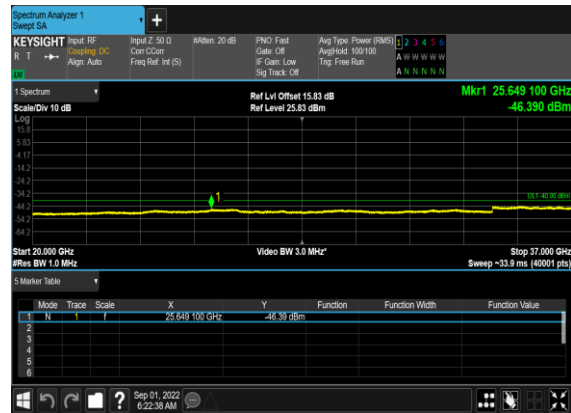
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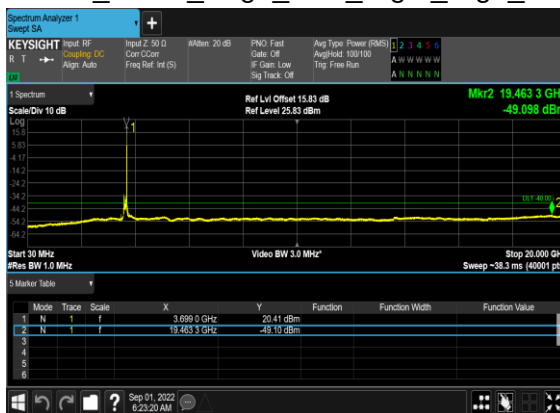
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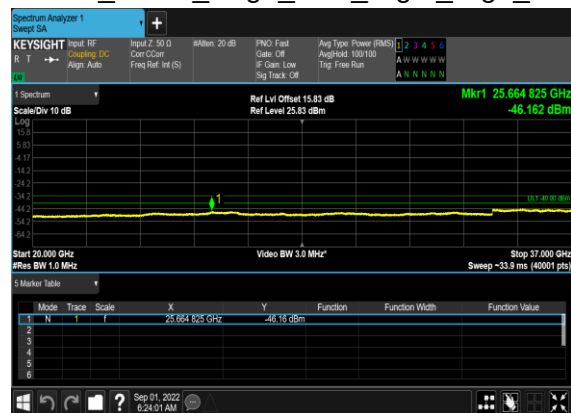
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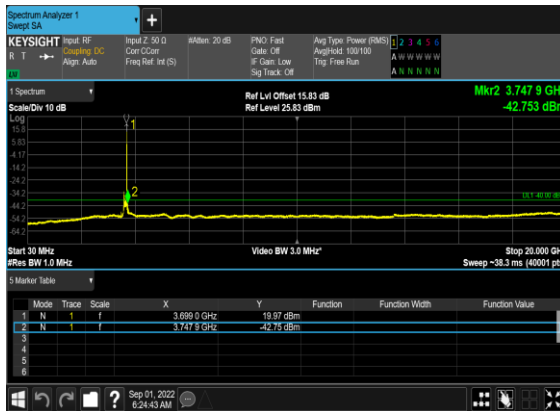
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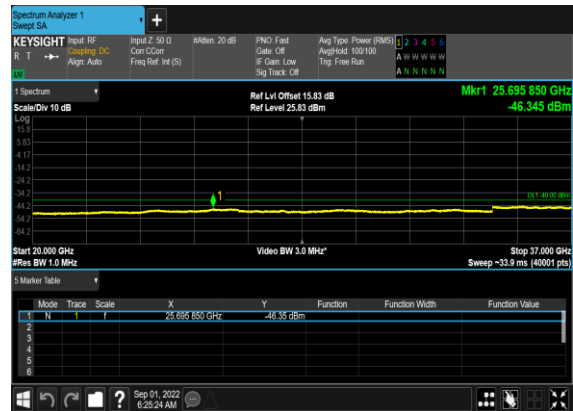
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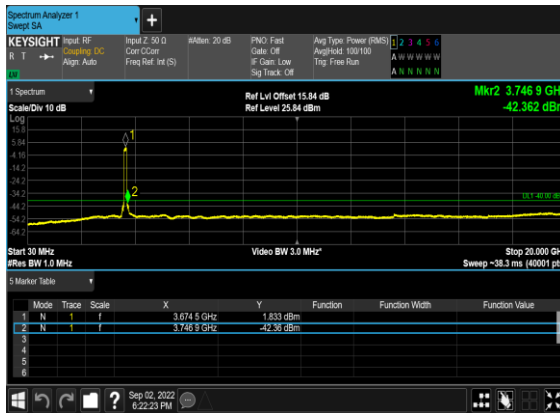
N48(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_C H



N48(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_C H



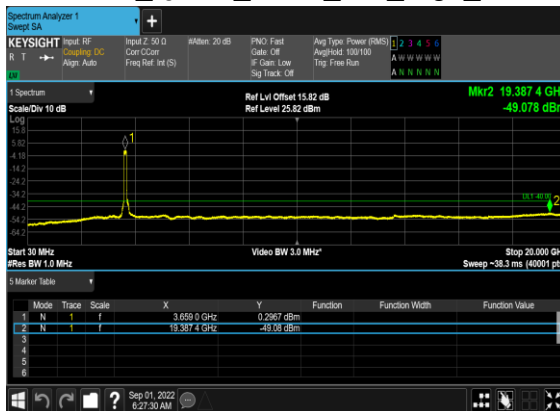
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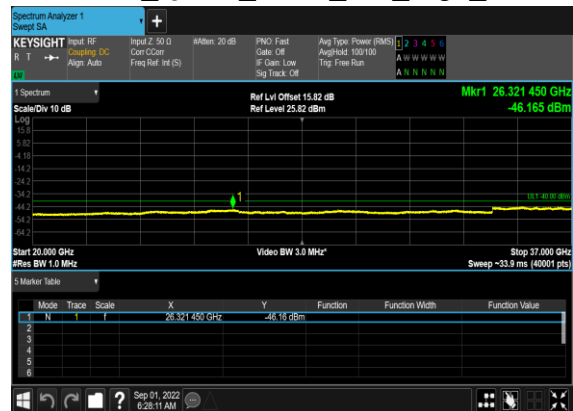
N48(100M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N48(100M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



N48(100M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	50	638334	3575.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	50	638334	3575.01	DFT-s-OFDM BPSK	1@132	see graph	PASS
48	30	50	638334	3575.01	DFT-s-OFDM QPSK	1@132	see graph	PASS

48	30	50	638334	3575.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
48	30	50	638334	3575.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
48	30	50	641666	3624.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
48	30	50	645000	3675.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
48	30	100	640000	3600.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
48	30	100	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	100	641666	3624.99	DFT-s-OFDM BPSK	1@272	see graph	PASS
48	30	100	641666	3624.99	DFT-s-OFDM QPSK	1@272	see graph	PASS

48	30	100	641666	3624.99	DFT-s-OFDM BPSK	270@0	see graph	PASS
48	30	100	641666	3624.99	DFT-s-OFDM QPSK	270@0	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM BPSK	1@272	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM QPSK	1@272	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM BPSK	270@0	see graph	PASS
48	30	100	643332	3649.98	DFT-s-OFDM QPSK	270@0	see graph	PASS