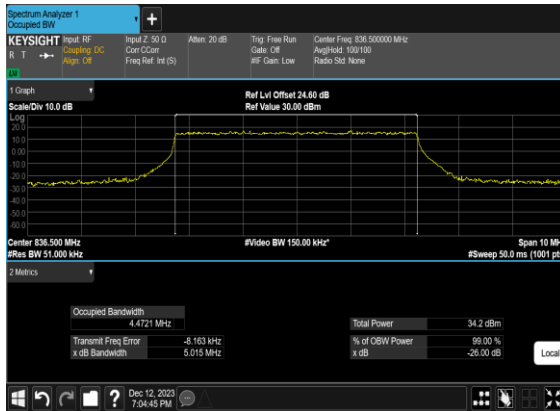


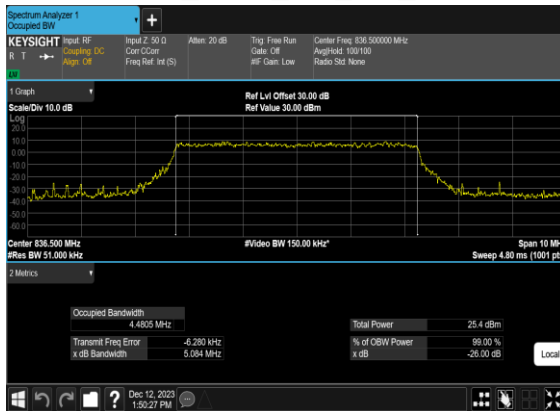
B66_N5(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



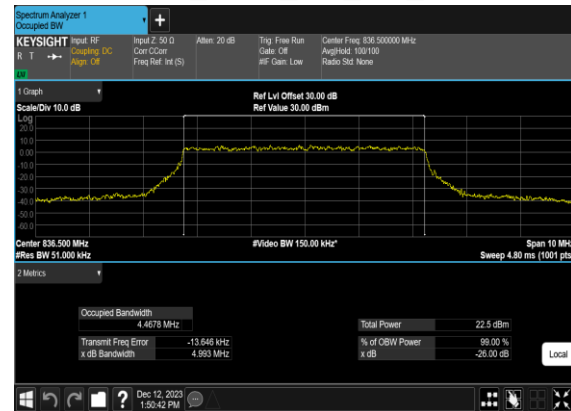
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QAM_Outer_Full_Mid_CH



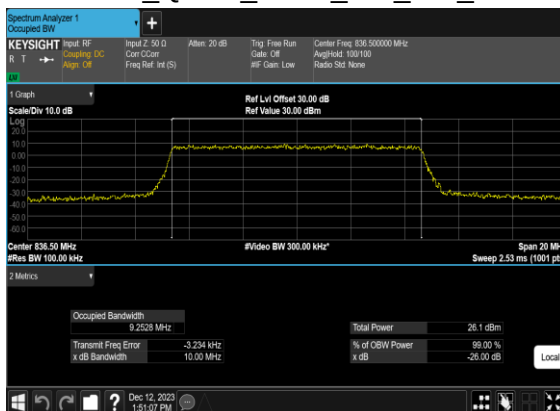
B66_N5(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



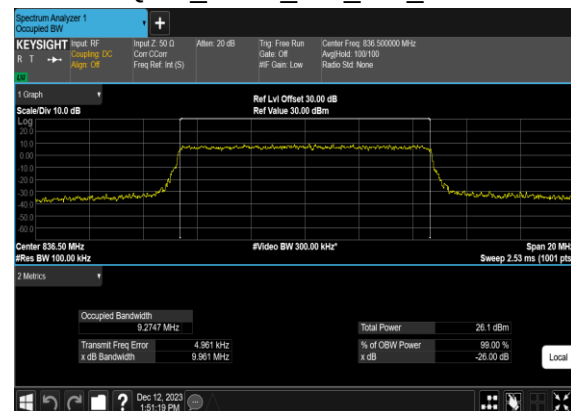
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QAM_Outer_Full_Mid_CH



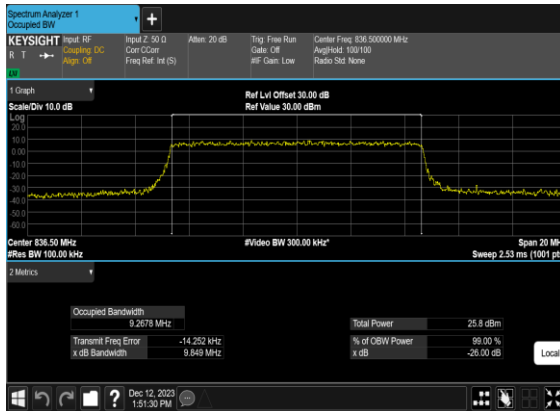
B66_N5(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



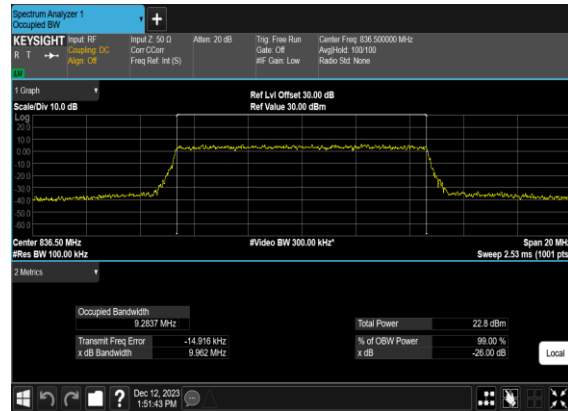
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QAM_Outer_Full_Mid_CH



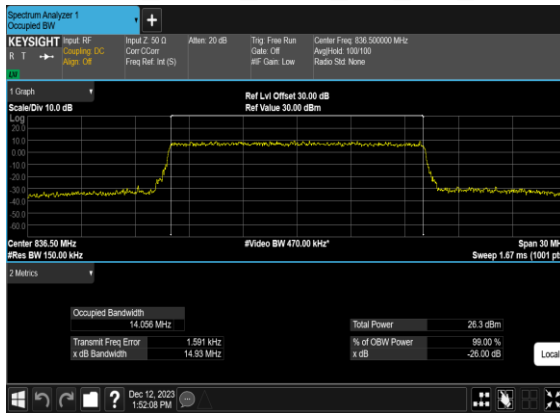
B66_N5(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



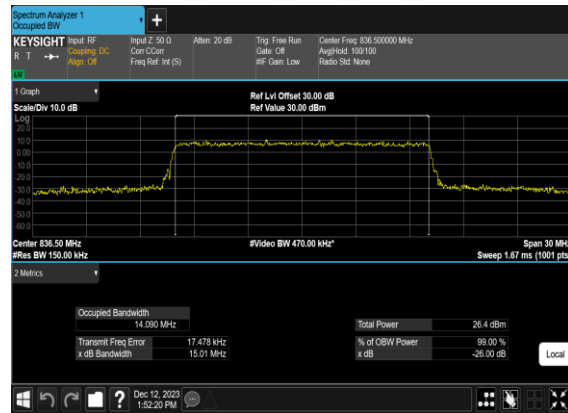
B66_N5(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



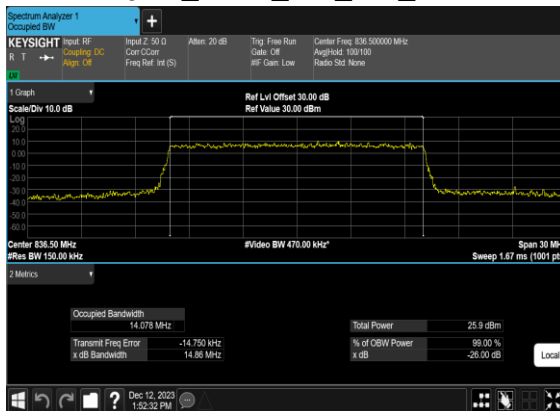
B66_N5(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



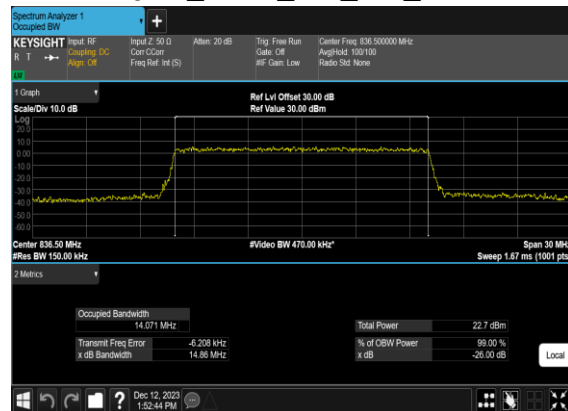
B66_N5(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B66_N5(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B66_N5(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF: 336.5 MHz, 40 MHz Span, 620.0 kHz Video BW, 30.0 dBm Ref Level

1 Graph
Scale/Div 10.0 dB
Ref Level Offset 30.0 dB
Ref Value 30.0 dBm

Center 336.50 MHz
Span 40 MHz
Sweep 1.27 ms (1001 pts)

2 Metrics

Occupied Bandwidth		Total Power	
18.876 MHz		24.8 dBm	
Transmit Freq Error	8.189 kHz	% of OBW Power	89.0%
dB Bandwidth	19.87 MHz	% of OBW Power	-36.0 dB

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input Ref: 50.0 dBm, Span: 40 MHz, Res BW: 200.0 kHz, Center Freq: 620.000000 MHz, Span: 40 MHz, Sweep: 1.27 ms (1001 pts)

1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 30.00 dB
Ref Value 30.00 dBm

Center 620.500 MHz
Res BW 200.0 kHz
#Video BW 620.0 kHz
Span 40 MHz
Sweep 1.27 ms (1001 pts)

2 Metrics

Occupied Bandwidth	Total Power
18.089 MHz	26.5 dBm
Transmit Freq Error	% of OSW Power
-4.628 kHz	96.00 %
19.89 kHz	-26.50 dB

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input RF Coupling DC Offset 0dB
R T → Input Z 50 Ω Corr CCat Ref Freq 1Hz Attenu 20 dB
Trig Free Run Gate Off Ref Gain Low Center Freq 836.500000 MHz
AvgHold 100/100 Radio Std None

1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 30.00 dB
Ref Value 30.00 dBm

Center 836.50 MHz
#Res BW 200.00 KHz
#Video BW 620.00 KHz
Span 40 MHz
Sweep 1.27 ms (1001 pts)

2 Metrics

Occupied Bandwidth	Total Power
18.904 MHz	-26.0 dBm
Transmit Freq Error	% of OSW Power
15.587 KHz	99.00 %
x dB Bandwidth	x dBm
19.77 MHz	-26.00 dBm

Local

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF Coupling: DC Aps. Off Att: 20 dB Trig: Free Run Gate: Off Ref: Cam: Low Center Freq: 836.500000 MHz Aupheld: 100/100 Radio Stz: None

R T →

1 Graph

Scale/Div 10.0 dB

Ref Lvl Offset: 30.00 dB
Ref Value: 30.00 dBm

Center 836.50 MHz
#Video BW 620.00 kHz

Span 40 MHz
Res BW 200.00 kHz
Sweep 1.27 ms (1001 pts)

2 Metrics

Occupied Bandwidth	18.859 MHz	Total Power	23.0 dBm
Transmit Freq Error	9.765 kHz	% of OSW Power	99.0 %
x dB Bandwidth	19.73 MHz	x dB	-26.00 dB

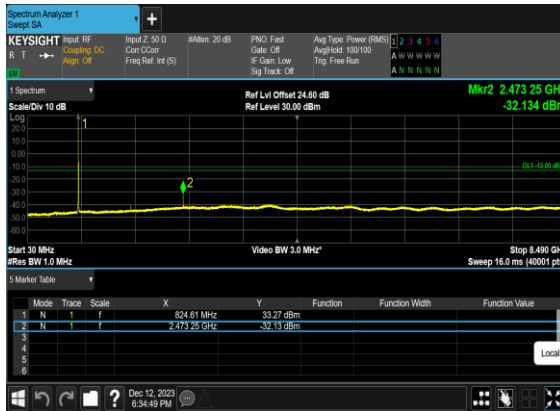
Dec 15, 2023
1:37:47 PM

Conducted Spurious Emissions

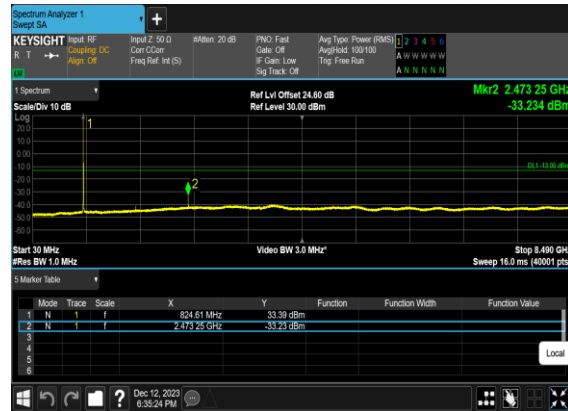
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---

5	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

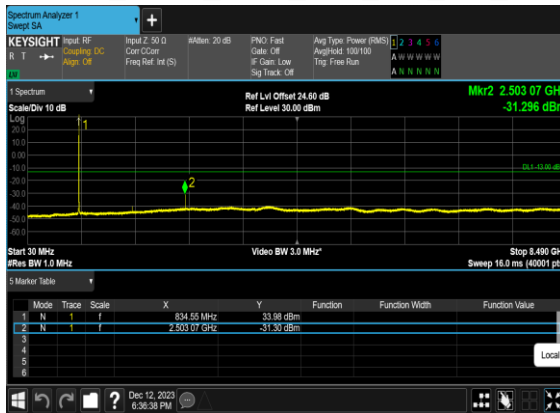
B66_N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



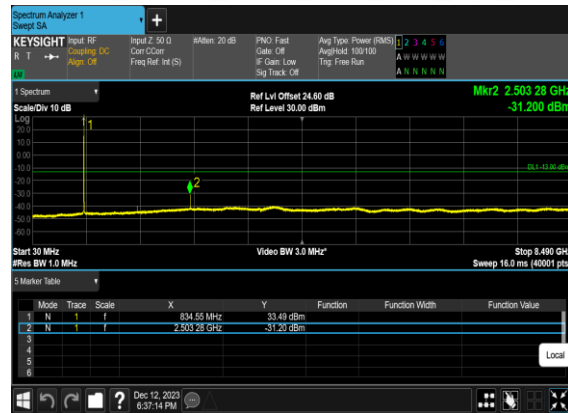
B66_N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



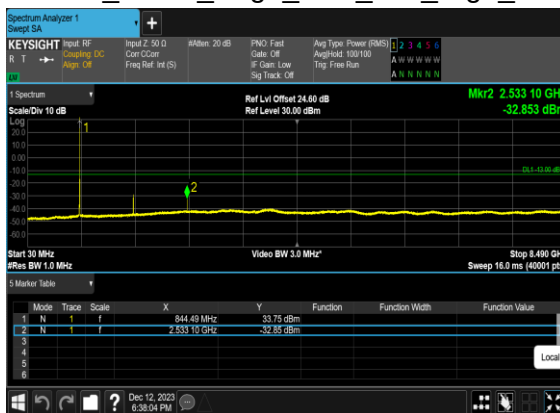
B66_N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



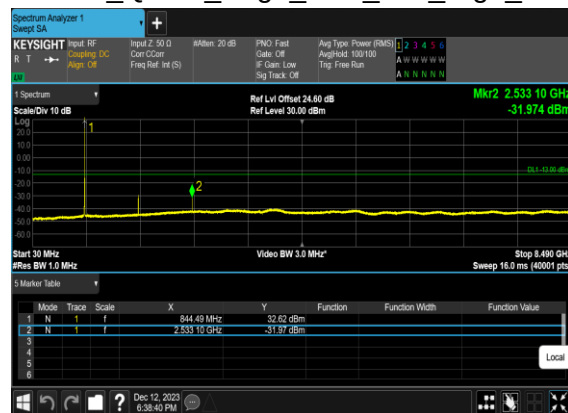
B66_N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



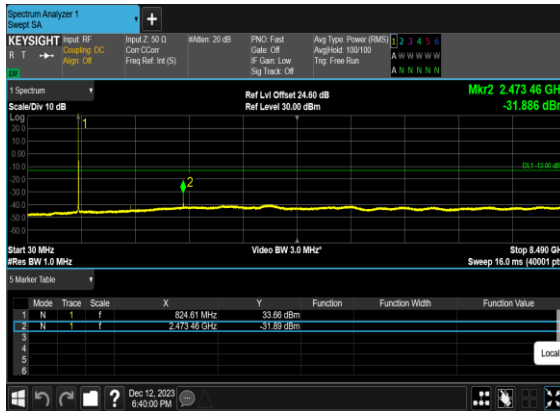
B66_N5(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



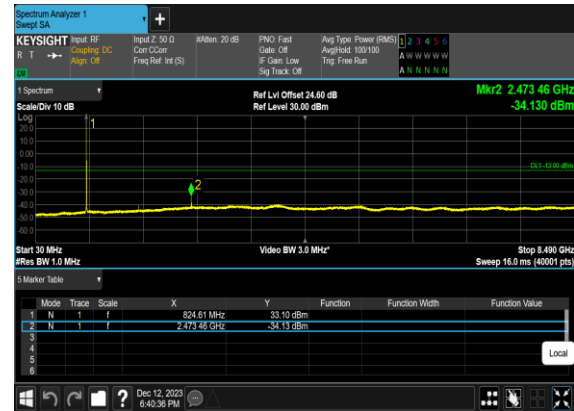
B66_N5(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



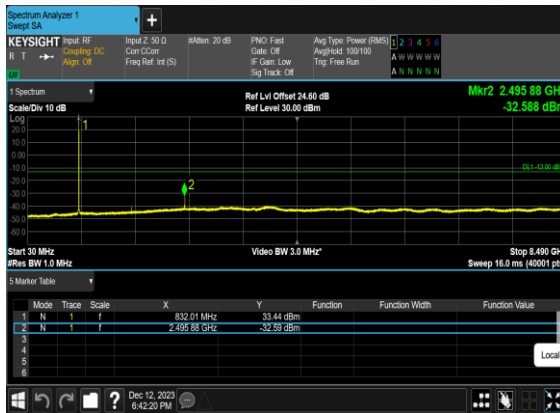
B66_N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



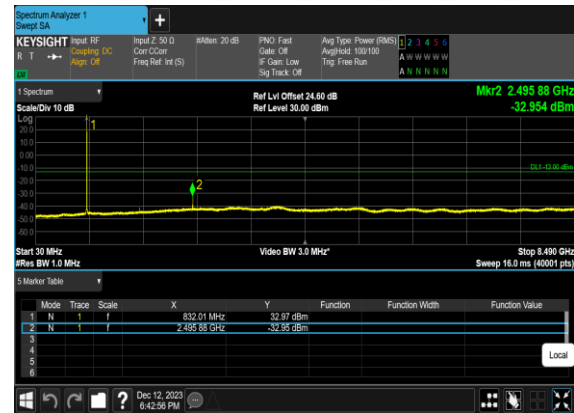
B66_N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



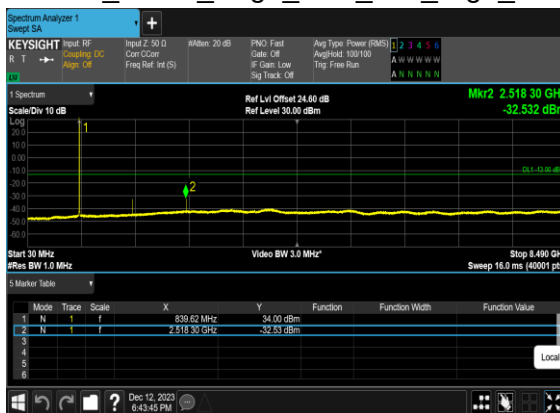
B66_N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



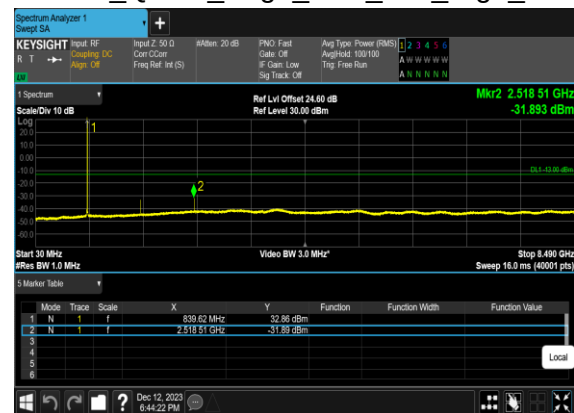
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



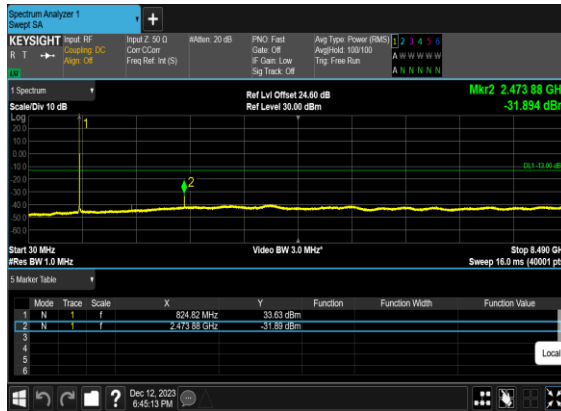
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OFDM_BPSK_Edge_1RB_Left_High_CH



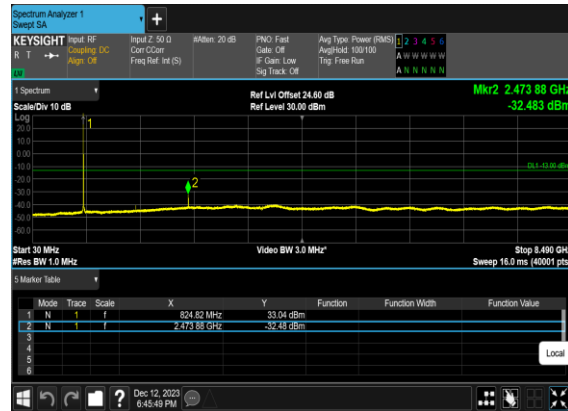
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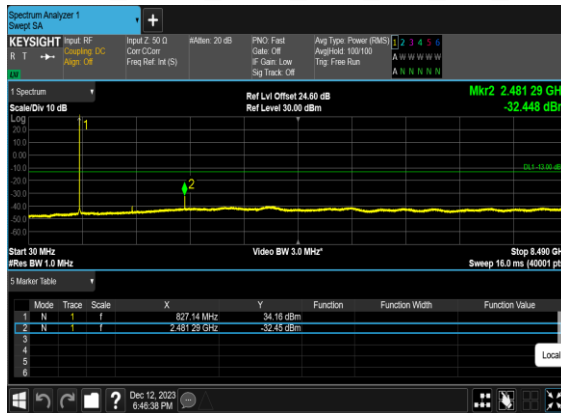
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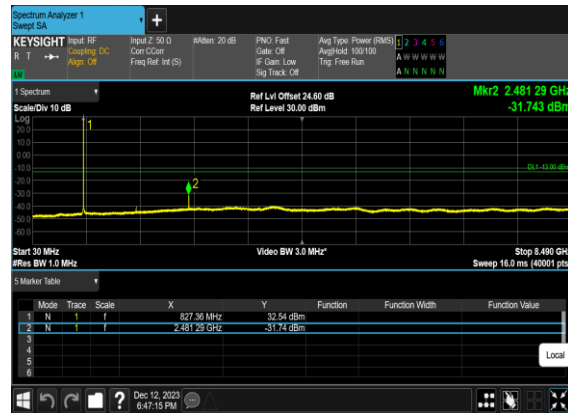
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OFDM_QPSK_Edge_1RB_Left_Low_CH



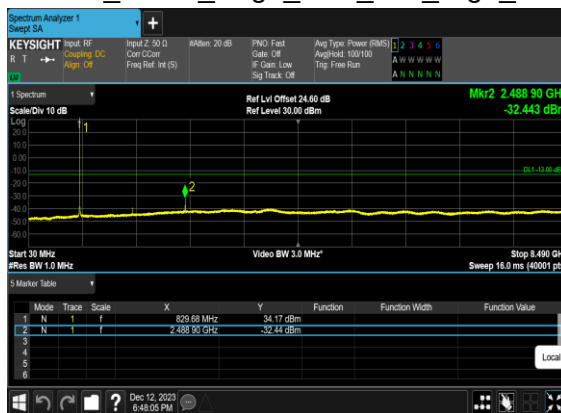
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



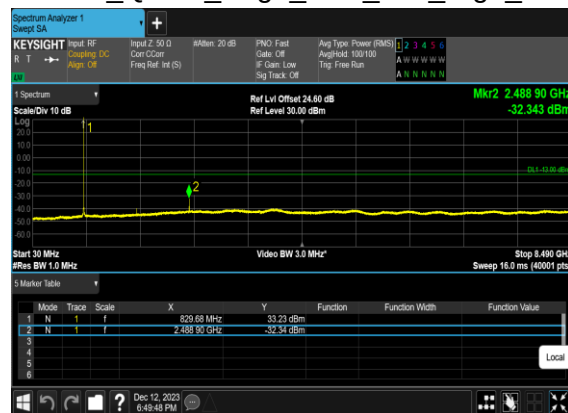
B66_N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B66_N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



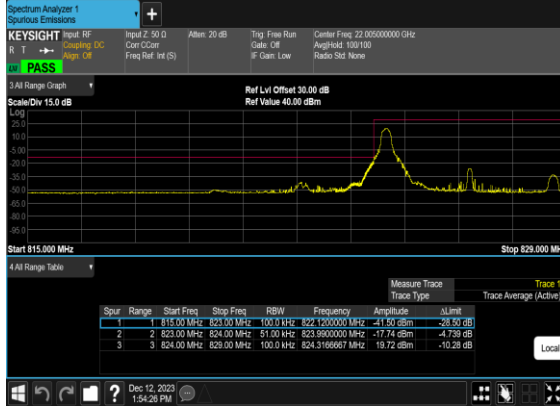
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OFDM_QPSK_Edge_1RB_Left_High_CH



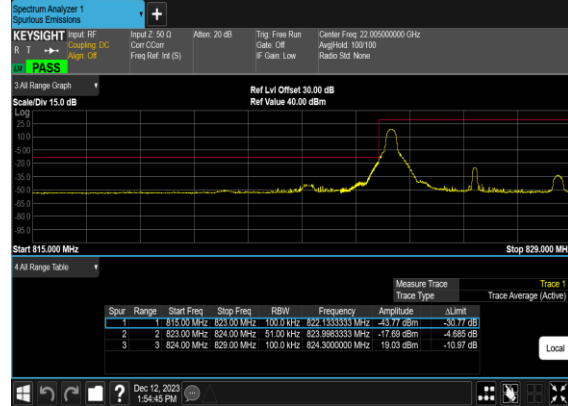
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

B66_N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B66_N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



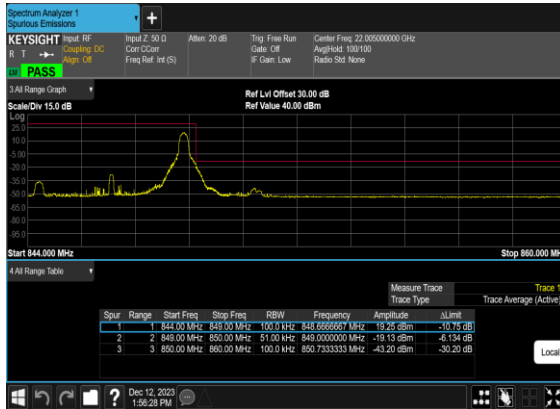
B66_N5(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



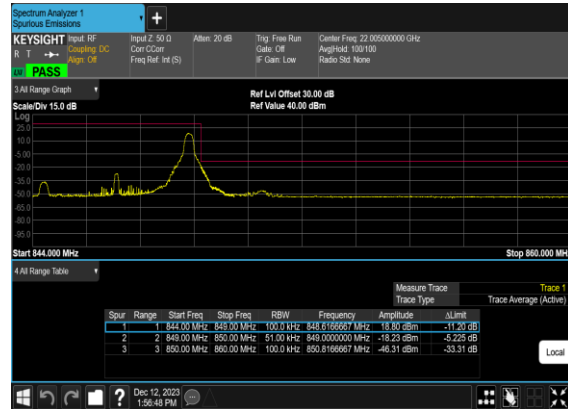
B66_N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



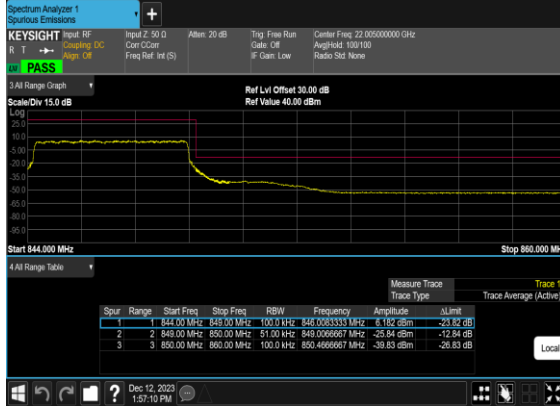
B66_N5(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



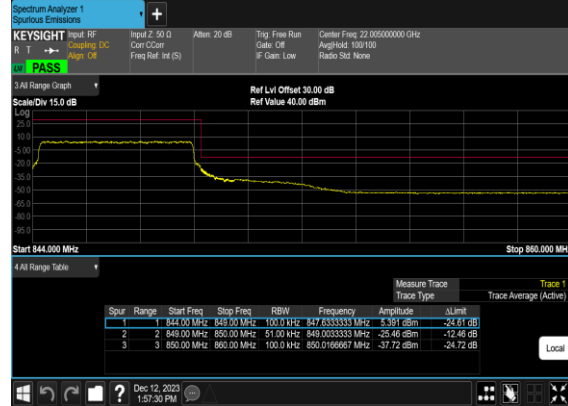
B66_N5(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



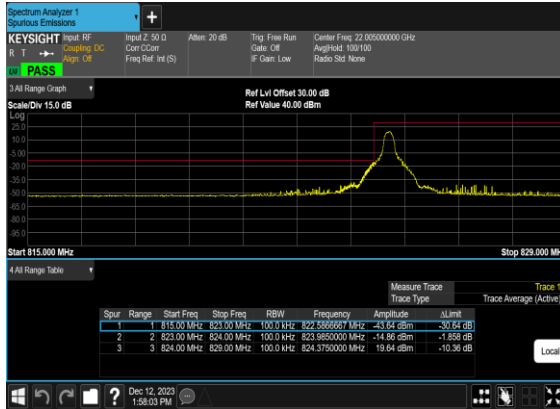
B66_N5(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



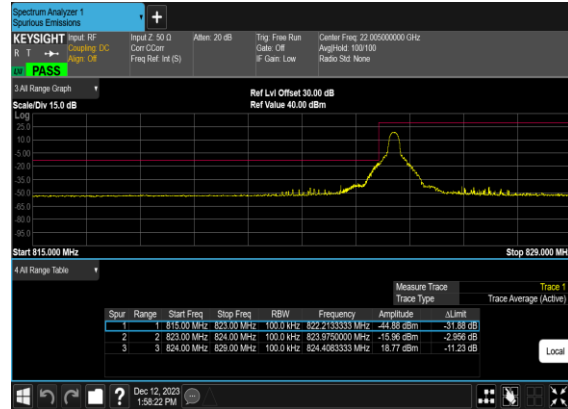
B66_N5(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



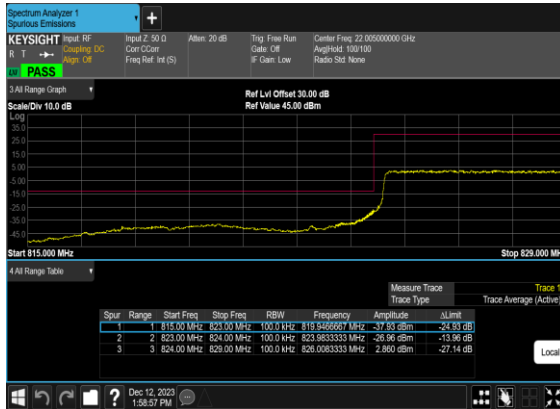
B66_N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



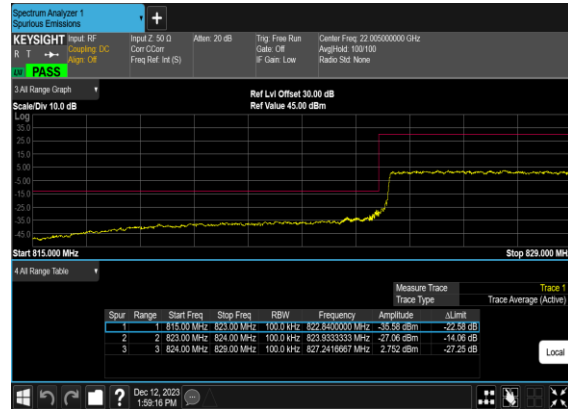
B66_N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



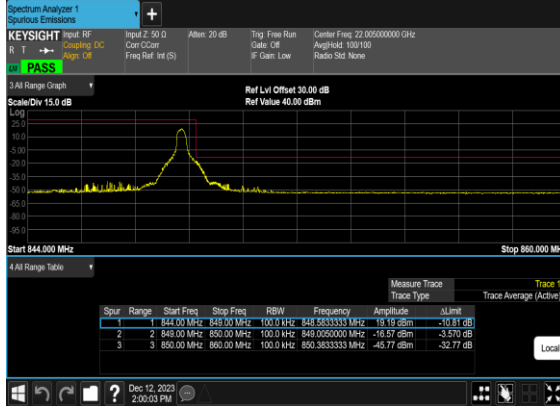
B66_N5(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



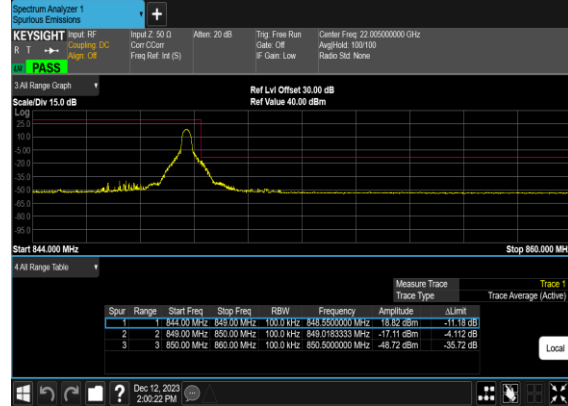
B66_N5(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B66_N5(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B66_N5(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



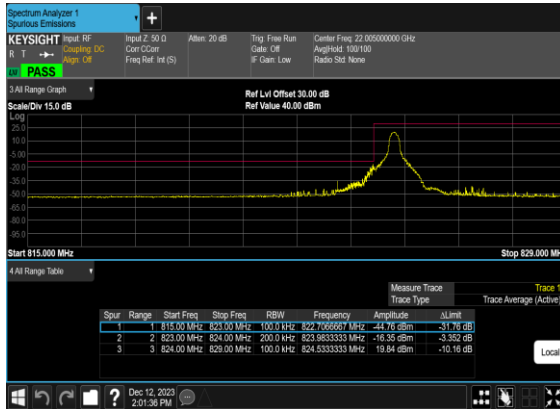
B66_N5(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



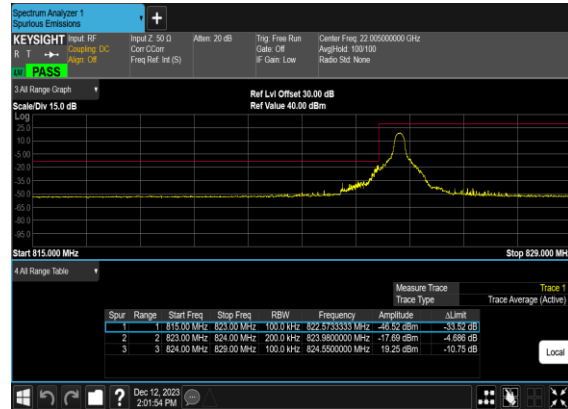
B66_N5(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



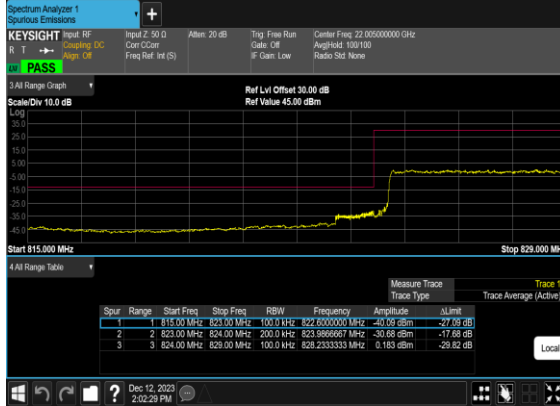
B66_N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



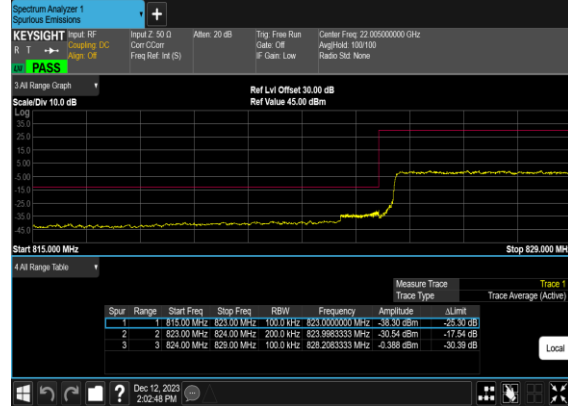
B66_N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



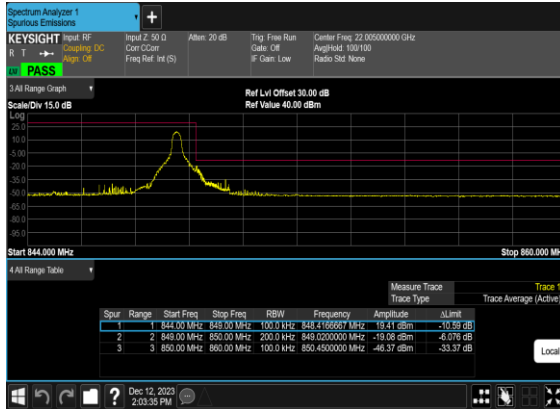
B66_N5(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



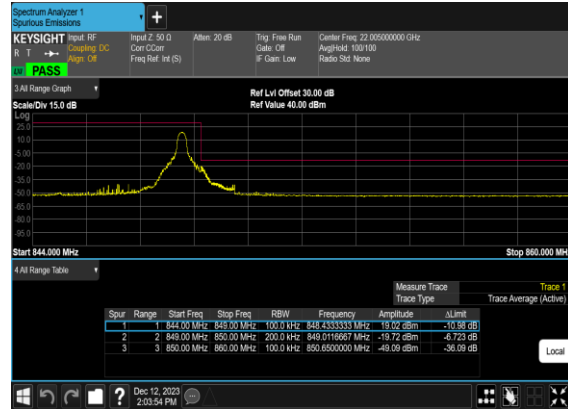
B66_N5(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



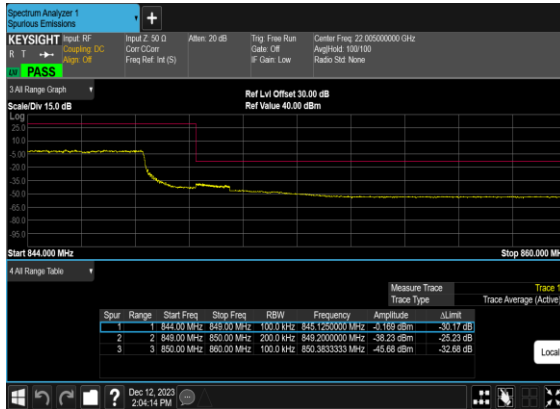
B66_N5(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



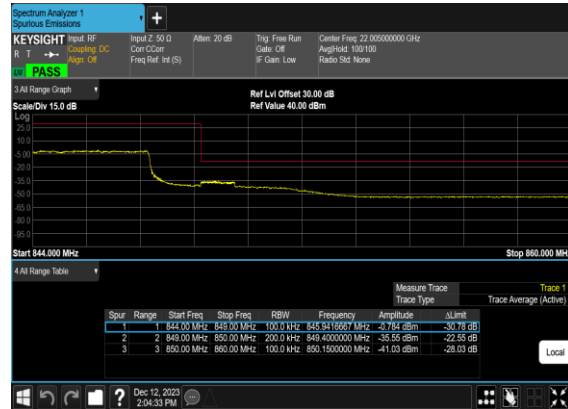
B66_N5(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N5(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B66_N5(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N7 (ANT6)

Conducted Power and EIRP, (GT - LC)=0.51dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	50@25	22.34	22.85	0.1928
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@1	22.58	23.09	0.2037
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@104	22.32	22.83	0.1919
7	15	20	502000	2510	DFT-s-OFDM QPSK	50@25	22.35	22.86	0.1932
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	22.54	23.05	0.2018
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@104	22.35	22.86	0.1932
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	50@25	21.45	21.96	0.1570
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	21.6	22.11	0.1626
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@104	21.69	22.2	0.1660
7	15	20	502000	2510	DFT-s-OFDM 64 QAM	50@25	19.98	20.49	0.1119
7	15	20	502000	2510	DFT-s-OFDM 64 QAM	1@1	20.07	20.58	0.1143
7	15	20	502000	2510	DFT-s-OFDM 64 QAM	1@104	20.17	20.68	0.1169
7	15	20	502000	2510	DFT-s-OFDM 256 QAM	50@25	17.89	18.4	0.0692
7	15	20	502000	2510	DFT-s-OFDM 256 QAM	1@1	17.51	18.02	0.0634
7	15	20	502000	2510	DFT-s-OFDM 256 QAM	1@104	17.71	18.22	0.0664
7	15	20	502000	2510	CP-OFDM QPSK	53@26	20.97	21.48	0.1406
7	15	20	502000	2510	CP-OFDM QPSK	1@1	21.02	21.53	0.1422
7	15	20	502000	2510	CP-OFDM QPSK	1@104	21	21.51	0.1416
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	50@25	22.37	22.88	0.1941
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.36	22.87	0.1936
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@104	22.15	22.66	0.1845
7	15	20	507000	2535	DFT-s-OFDM QPSK	50@25	22.33	22.84	0.1923
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	22.38	22.89	0.1945
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@104	22.38	22.89	0.1945
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	50@25	21.51	22.02	0.1592
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	21.62	22.13	0.1633
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@104	21.47	21.98	0.1578
7	15	20	507000	2535	DFT-s-OFDM 64 QAM	50@25	20.03	20.54	0.1132

7	15	20	507000	2535	DFT-s-OFDM 64 QAM	1@1	20.16	20.67	0.1167
7	15	20	507000	2535	DFT-s-OFDM 64 QAM	1@104	19.97	20.48	0.1117
7	15	20	507000	2535	DFT-s-OFDM 256 QAM	50@25	17.8	18.31	0.0678
7	15	20	507000	2535	DFT-s-OFDM 256 QAM	1@1	17.67	18.18	0.0658
7	15	20	507000	2535	DFT-s-OFDM 256 QAM	1@104	17.62	18.13	0.0650
7	15	20	507000	2535	CP-OFDM QPSK	53@26	21.01	21.52	0.1419
7	15	20	507000	2535	CP-OFDM QPSK	1@1	21.09	21.6	0.1445
7	15	20	507000	2535	CP-OFDM QPSK	1@104	21.05	21.56	0.1432
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	50@25	22.29	22.8	0.1905
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@1	22.34	22.85	0.1928
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@104	22.29	22.8	0.1905
7	15	20	512000	2560	DFT-s-OFDM QPSK	50@25	22.24	22.75	0.1884
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	22.33	22.84	0.1923
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@104	22.31	22.82	0.1914
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	50@25	21.31	21.82	0.1521
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	21.49	22	0.1585
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@104	21.65	22.16	0.1644
7	15	20	512000	2560	DFT-s-OFDM 64 QAM	50@25	19.87	20.38	0.1091
7	15	20	512000	2560	DFT-s-OFDM 64 QAM	1@1	19.98	20.49	0.1119
7	15	20	512000	2560	DFT-s-OFDM 64 QAM	1@104	20.13	20.64	0.1159
7	15	20	512000	2560	DFT-s-OFDM 256 QAM	50@25	17.81	18.32	0.0679
7	15	20	512000	2560	DFT-s-OFDM 256 QAM	1@1	17.54	18.05	0.0638
7	15	20	512000	2560	DFT-s-OFDM 256 QAM	1@104	17.61	18.12	0.0649
7	15	20	512000	2560	CP-OFDM QPSK	53@26	20.94	21.45	0.1396
7	15	20	512000	2560	CP-OFDM QPSK	1@1	21.11	21.62	0.1452
7	15	20	512000	2560	CP-OFDM QPSK	1@104	21.06	21.57	0.1435
7	15	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	22.22	22.73	0.1875
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	22.42	22.93	0.1963
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	21.47	21.98	0.1578
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.24	22.75	0.1884
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	22.29	22.8	0.1905
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	21.47	21.98	0.1578
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	22.17	22.68	0.1854
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	22.31	22.82	0.1914

7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	21.37	21.88	0.1542
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	1@1	22.3	22.81	0.1910
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	22.5	23.01	0.2000
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	21.51	22.02	0.1592
7	15	10	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.35	22.86	0.1932
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	22.32	22.83	0.1919
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	21.56	22.07	0.1611
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	1@1	22.15	22.66	0.1845
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	22.15	22.66	0.1845
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	21.39	21.9	0.1549
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	22.56	23.07	0.2028
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	22.36	22.87	0.1936
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	21.63	22.14	0.1637
7	15	15	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.46	22.97	0.1982
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	22.55	23.06	0.2023
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	21.67	22.18	0.1652
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	22.36	22.87	0.1936
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	22.44	22.95	0.1972
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	21.65	22.16	0.1644

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0010	PASS	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0015	PASS	-30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	-20°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0010	PASS	-10°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0013	PASS	0°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0010	PASS	10°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0056	PASS	20°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0048	PASS	30°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0040	PASS	40°C
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0033	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.24	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.72	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	5.48	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	5.51	13	PASS

N7(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



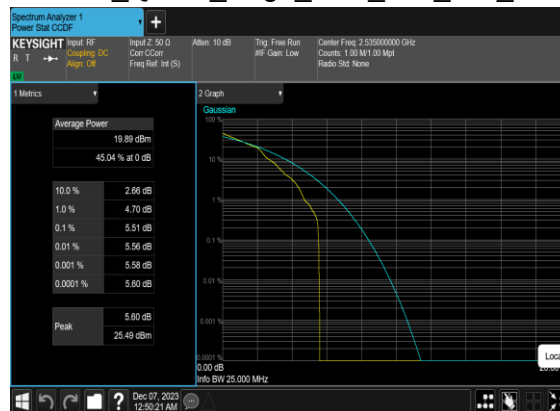
N7(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



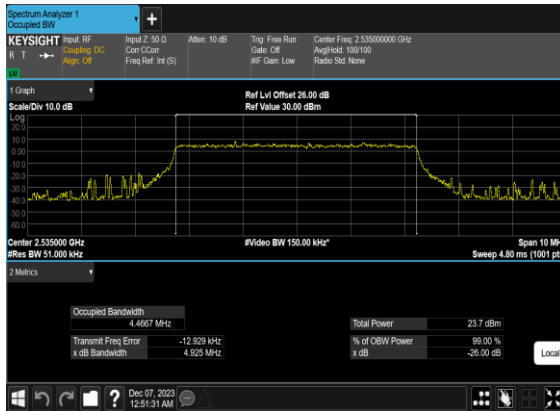
N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



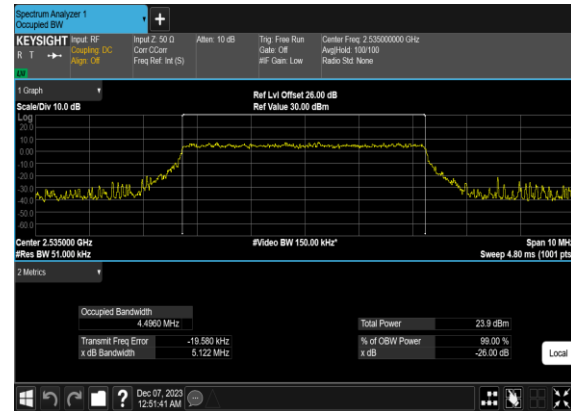
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4667	4.925
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.496	5.122
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4622	4.971
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4815	5.017
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2707	10.99
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2797	9.918
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.283	9.9
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2833	10.58
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.114	16.8
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.072	15.93
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.101	15.46
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.08	15.02
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.926	21.25
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.934	19.86
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.926	21.23
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.942	19.74

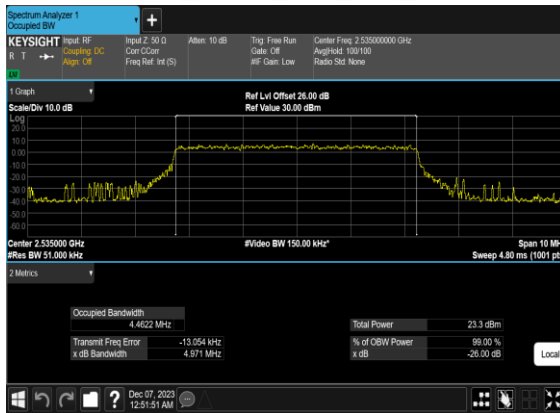
N7(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



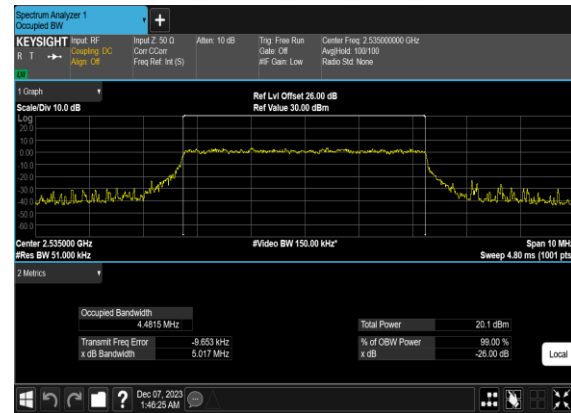
N7(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



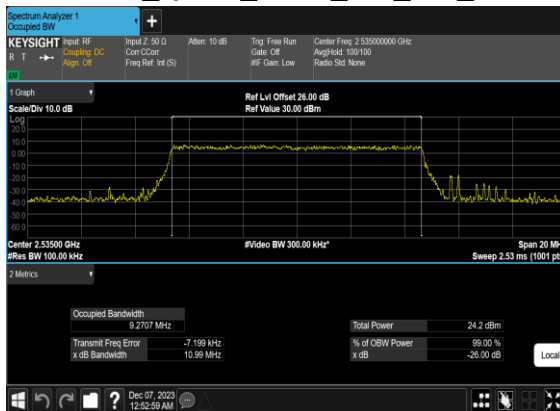
N7(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



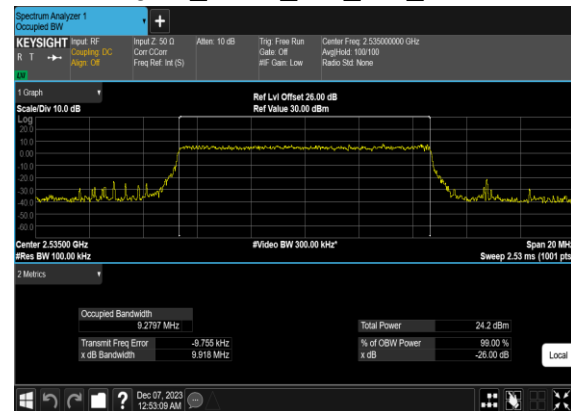
N7(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



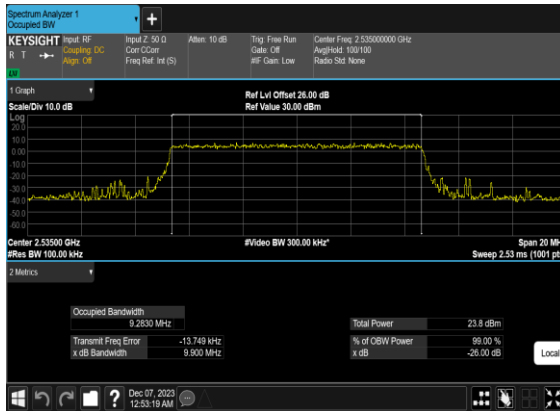
N7(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



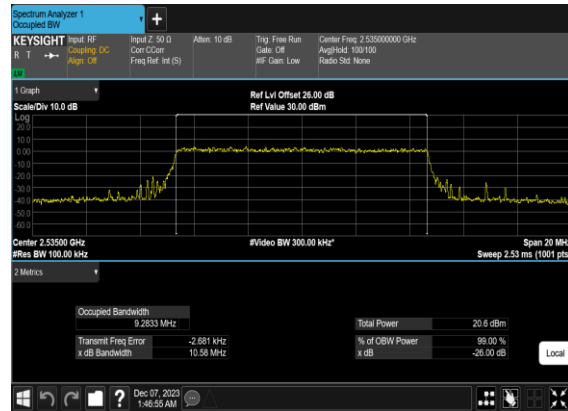
N7(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



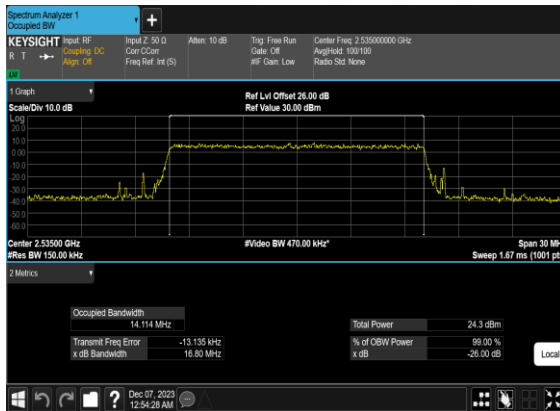
N7(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



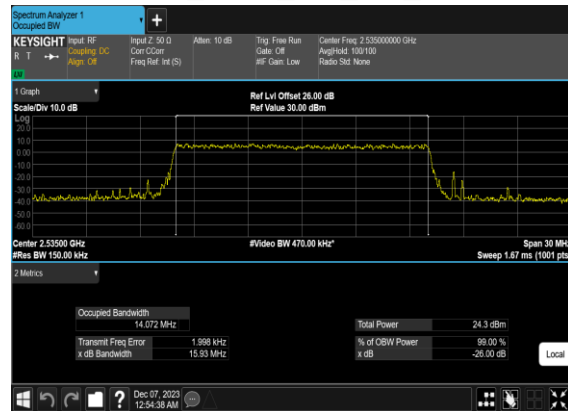
N7(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



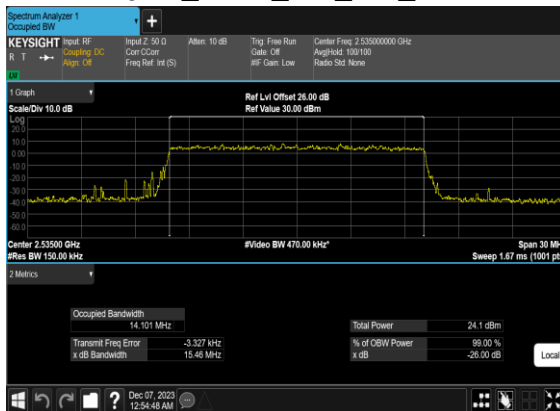
N7(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



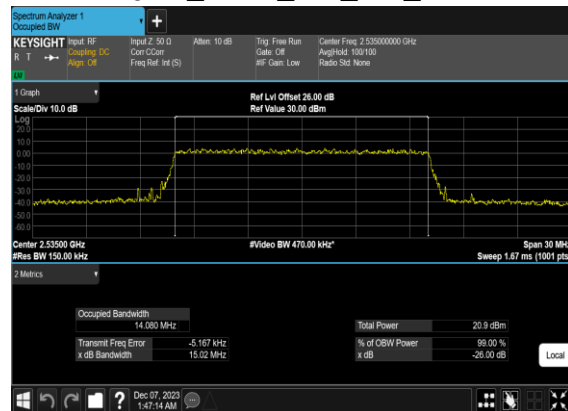
N7(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



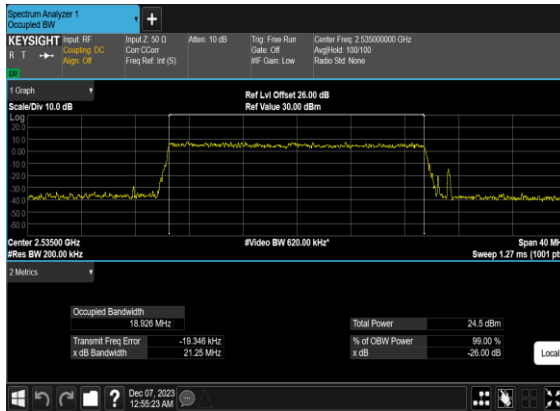
N7(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



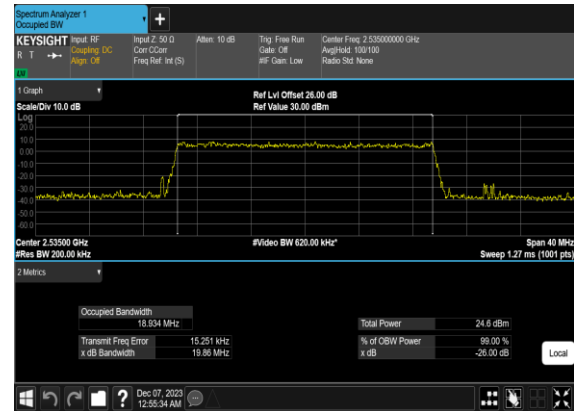
N7(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



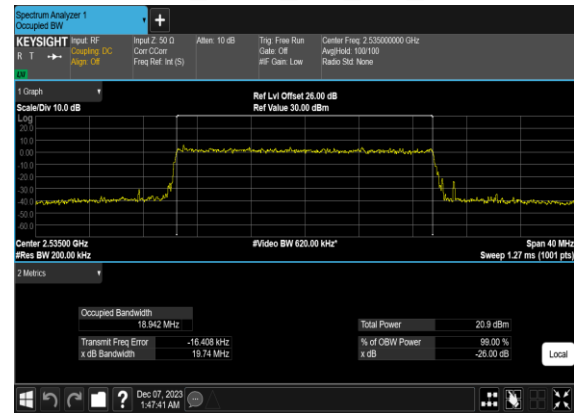
N7(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	501000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	501000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	501000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	501000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	10	501000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

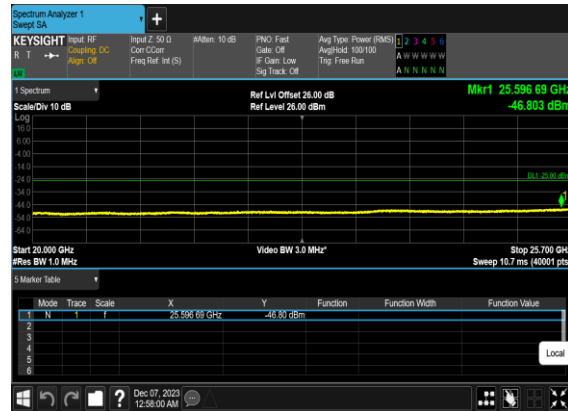
7	15	10	501000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	10	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	513000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	513000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	513000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	513000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	10	513000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	513000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

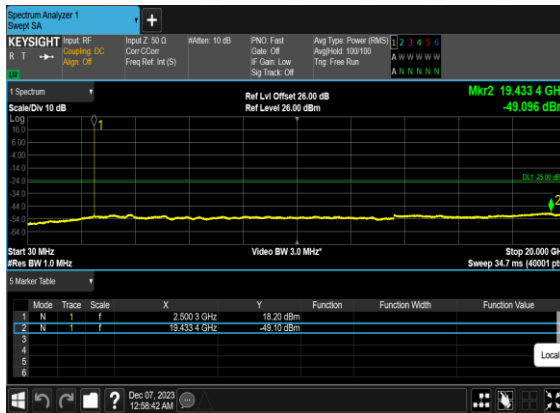
N7(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



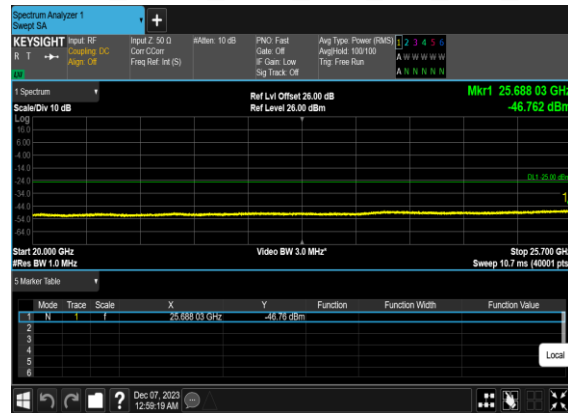
N7(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N7(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



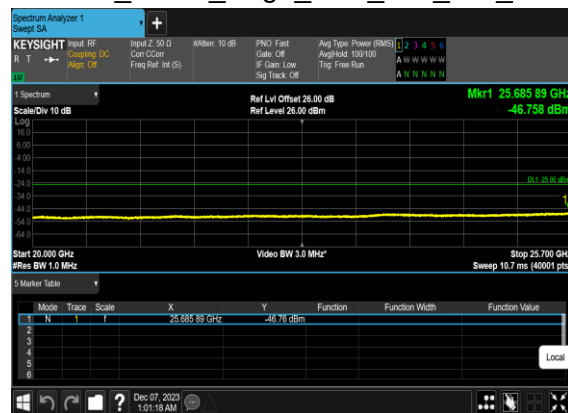
N7(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



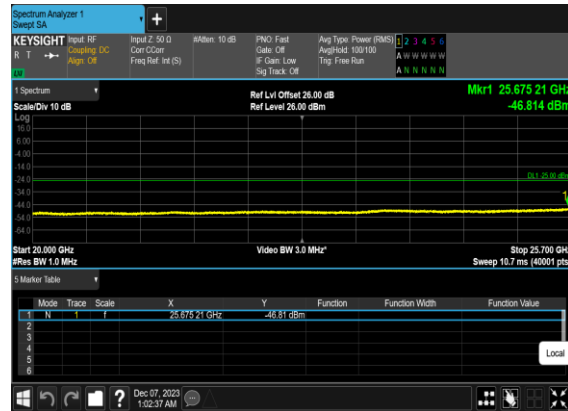
N7(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



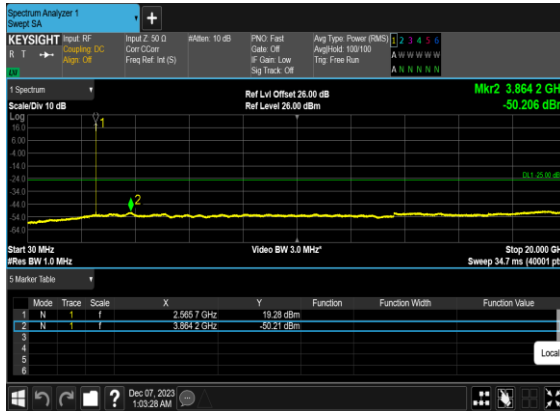
N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



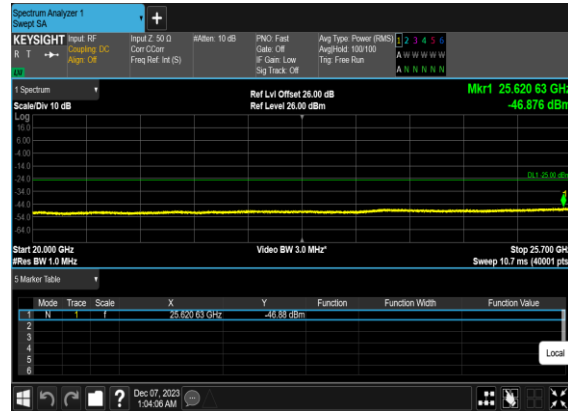
N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



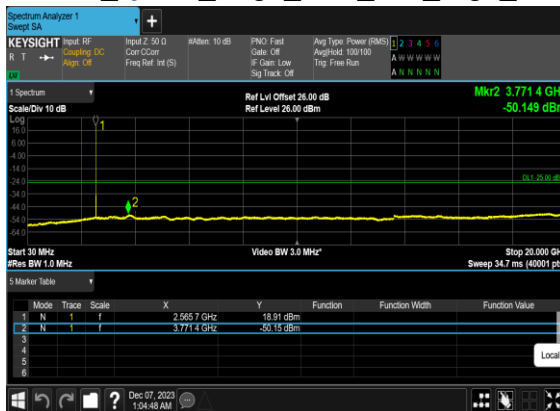
N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



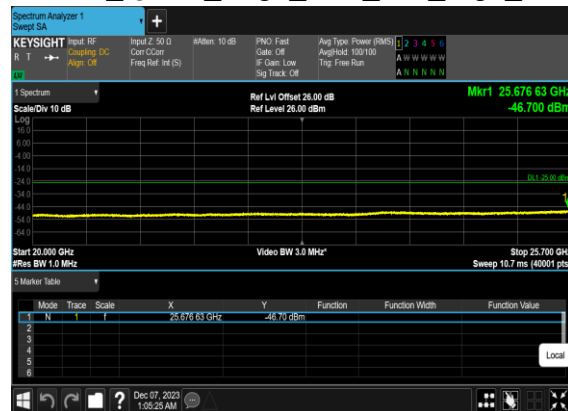
N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



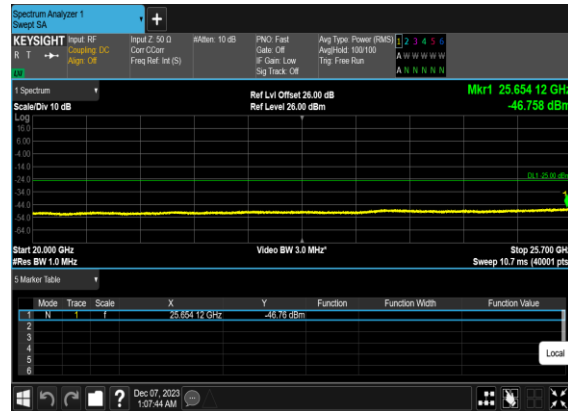
N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



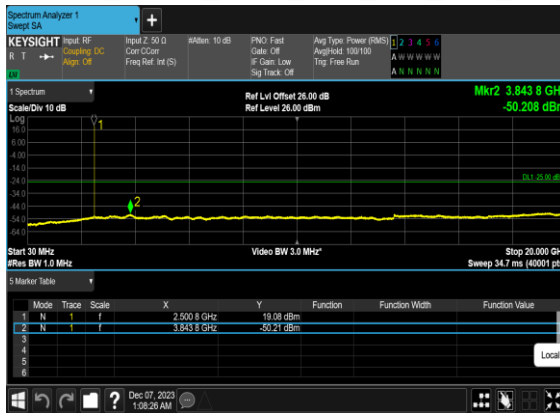
N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



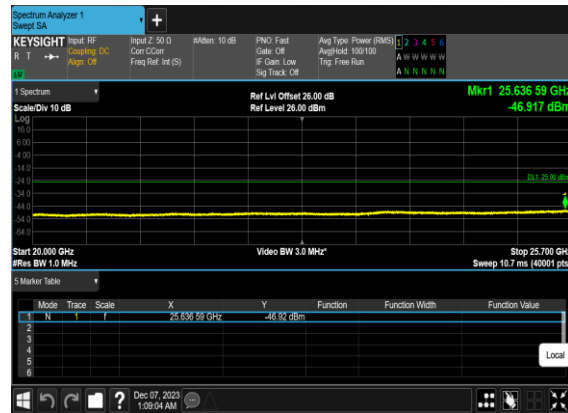
N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



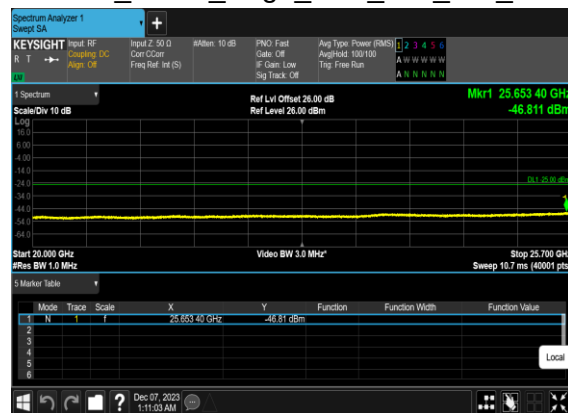
N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



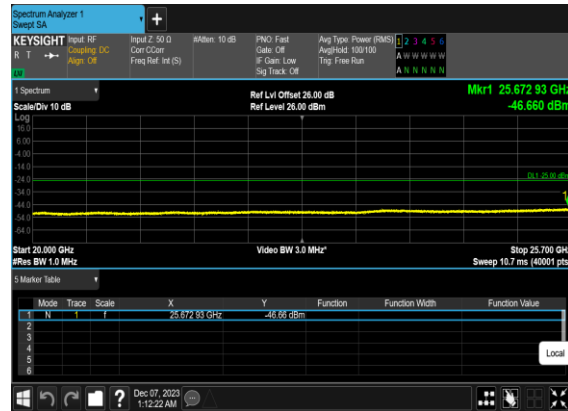
N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



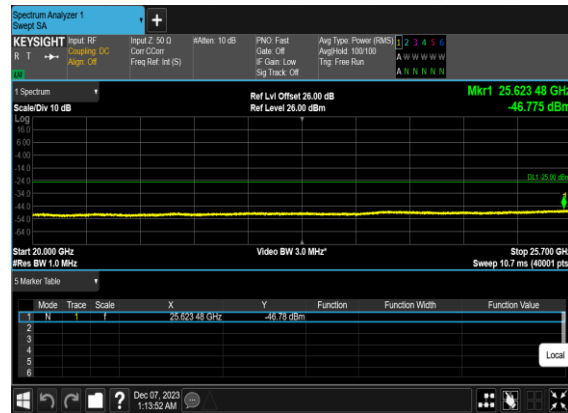
N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N7(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N7(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

