

B2_N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N12(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N12(10M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B2_N12(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



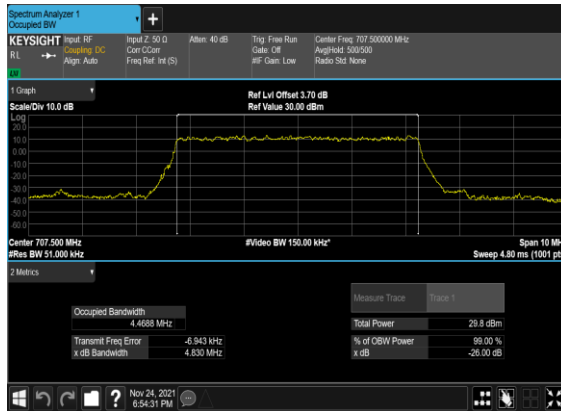
B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



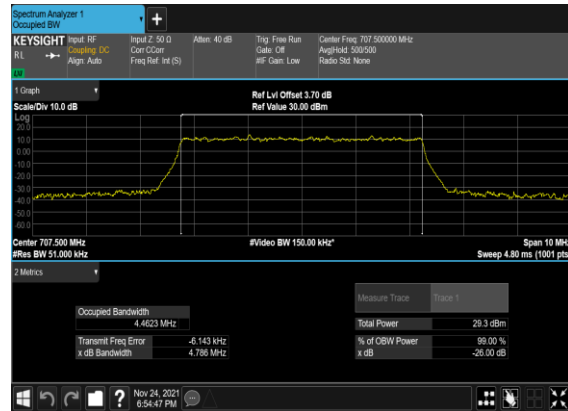
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
12	15	5	147500	707.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4688	4.83
12	15	5	147500	707.5	DFT-s-OFDM QPSK	25@0	4.4623	4.786
12	15	5	147500	707.5	CP-OFDM QPSK	25@0	4.4773	4.884
12	15	5	147500	707.5	CP-OFDM 16 QAM	25@0	4.4771	4.843
12	15	5	147500	707.5	CP-OFDM 64 QAM	25@0	4.4558	4.864
12	15	5	147500	707.5	CP-OFDM 256 QAM	25@0	4.4608	4.868
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8954	9.601
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	8.8916	9.603
12	15	10	147500	707.5	CP-OFDM QPSK	52@0	9.2568	9.756
12	15	10	147500	707.5	CP-OFDM 16 QAM	52@0	9.267	9.891
12	15	10	147500	707.5	CP-OFDM 64 QAM	52@0	9.2751	9.87
12	15	10	147500	707.5	CP-OFDM 256 QAM	52@0	9.282	9.859
12	15	15	147500	707.5	DFT-s-OFDM PI/2 BPSK	75@0	13.355	14.11
12	15	15	147500	707.5	DFT-s-OFDM QPSK	75@0	13.379	14.11
12	15	15	147500	707.5	CP-OFDM QPSK	79@0	14.065	14.79
12	15	15	147500	707.5	CP-OFDM 16 QAM	79@0	14.083	14.79
12	15	15	147500	707.5	CP-OFDM 64 QAM	79@0	14.117	14.81
12	15	15	147500	707.5	CP-OFDM 256 QAM	79@0	14.072	14.72

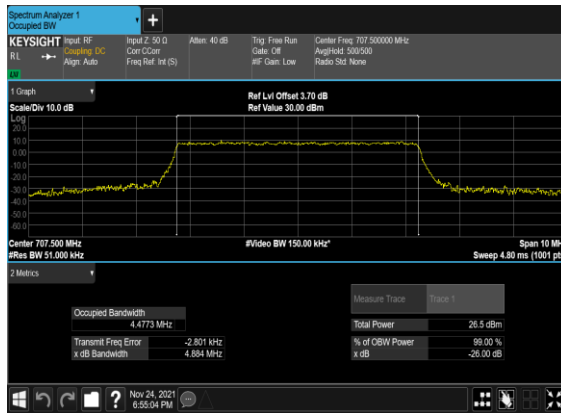
B2_N12(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



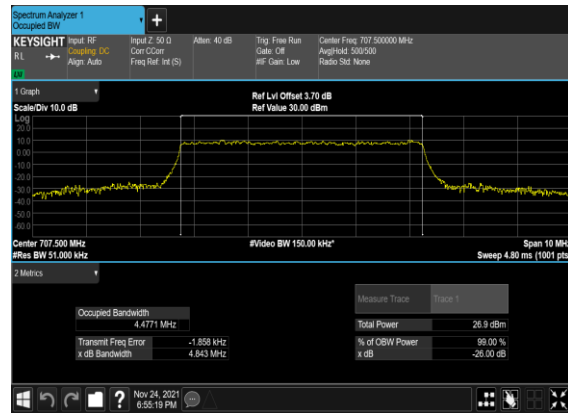
B2_N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



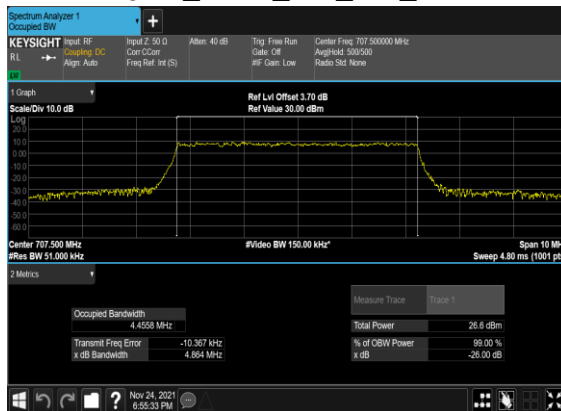
B2_N12(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



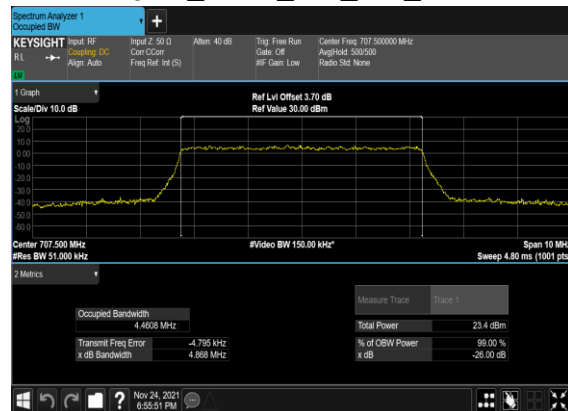
B2_N12(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



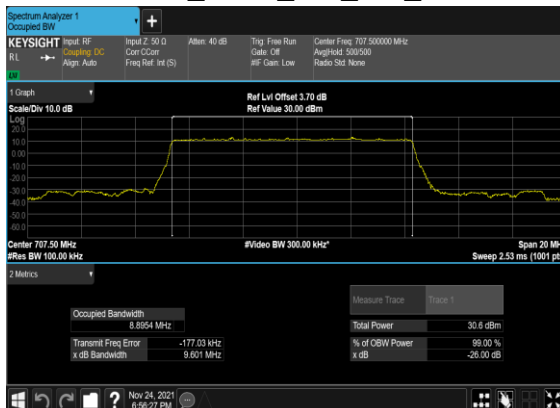
B2_N12(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



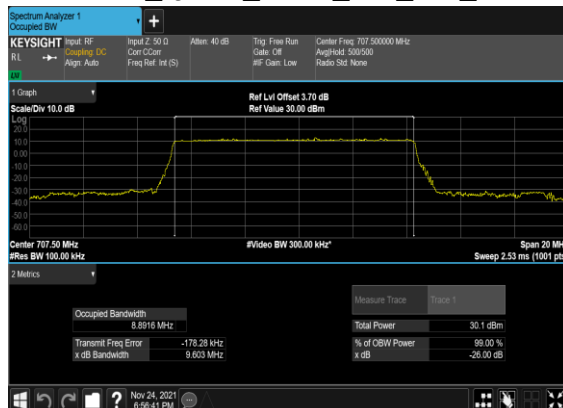
B2_N12(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



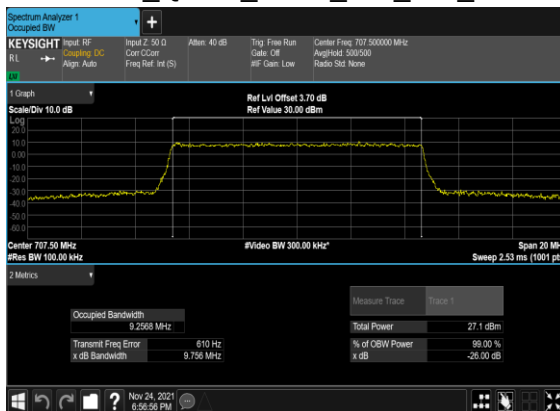
B2_N12(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



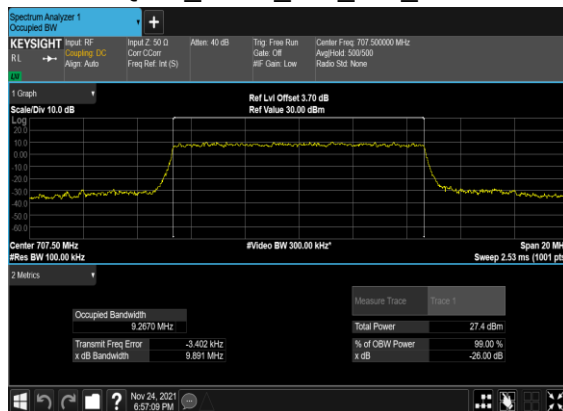
B2_N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



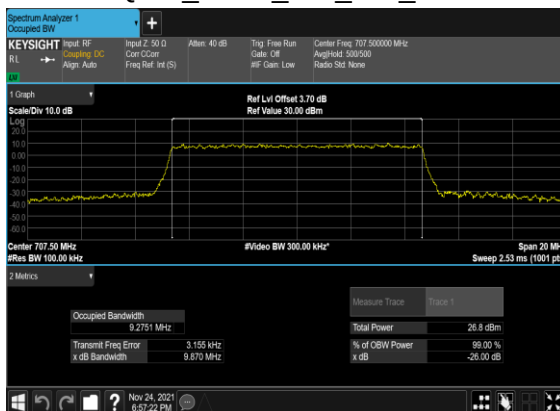
B2_N12(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



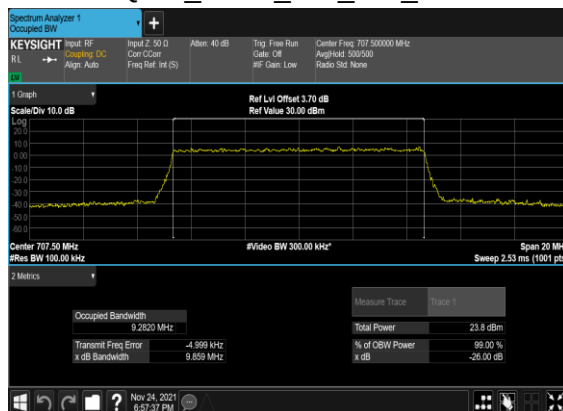
B2_N12(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



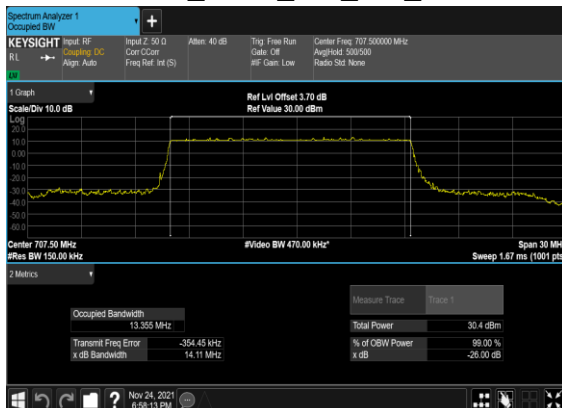
B2_N12(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



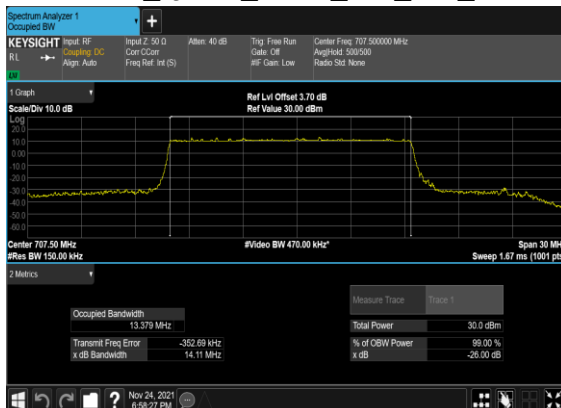
B2_N12(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



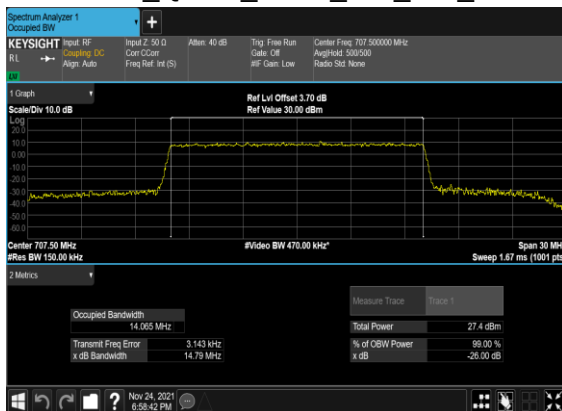
B2_N12(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



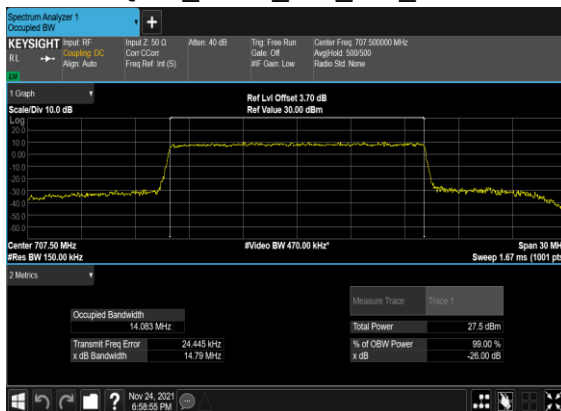
B2_N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



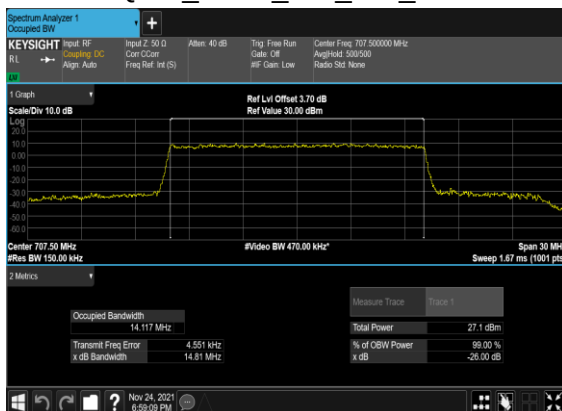
B2_N12(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



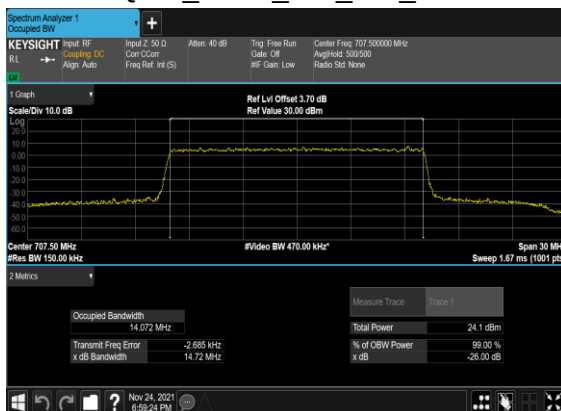
B2_N12(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N12(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N12(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

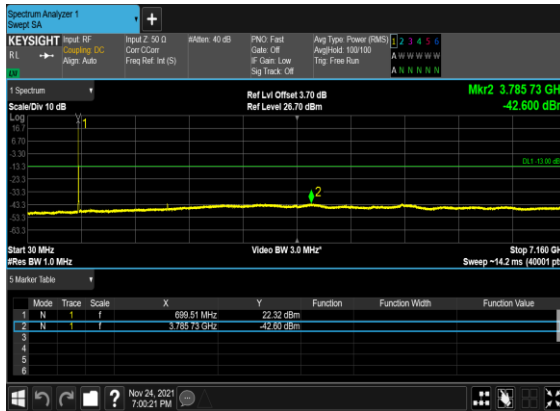


Conducted Spurious Emissions

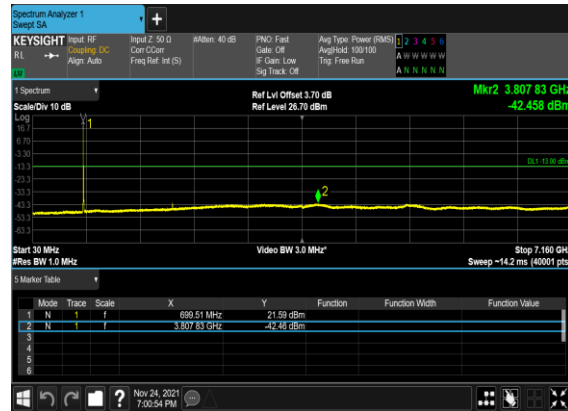
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	146300	701.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	146300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	146300	701.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	146300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	5	148700	713.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	5	148700	713.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	146800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	146800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	148200	711.0	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	10	148200	711.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

12	15	10	148200	711.0	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	10	148200	711.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	147300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	147300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	147500	707.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	147500	707.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM BPSK	1@0	see graph	---
12	15	15	147700	708.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM QPSK	1@0	see graph	---
12	15	15	147700	708.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

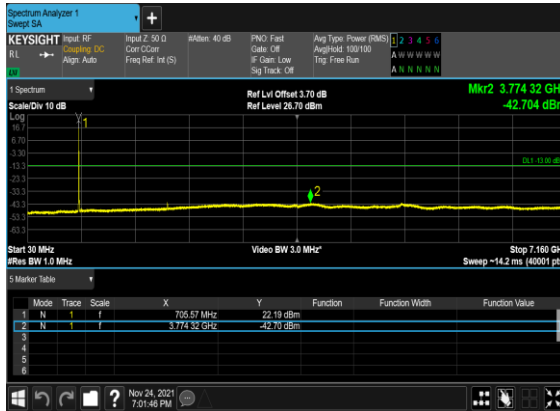
B2_N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



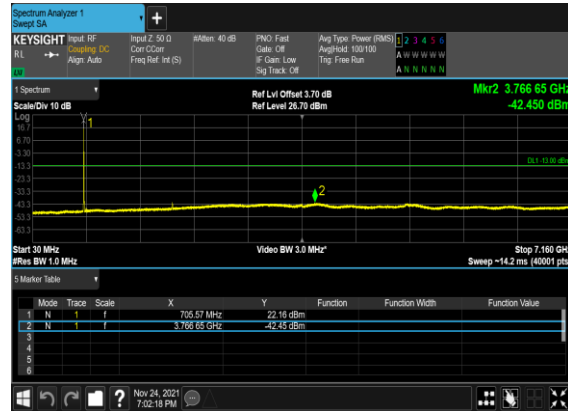
B2_N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



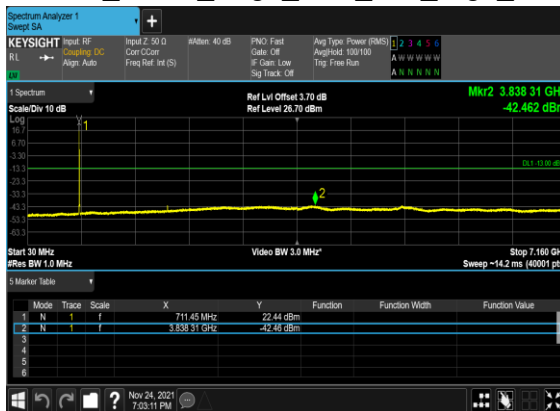
B2_N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



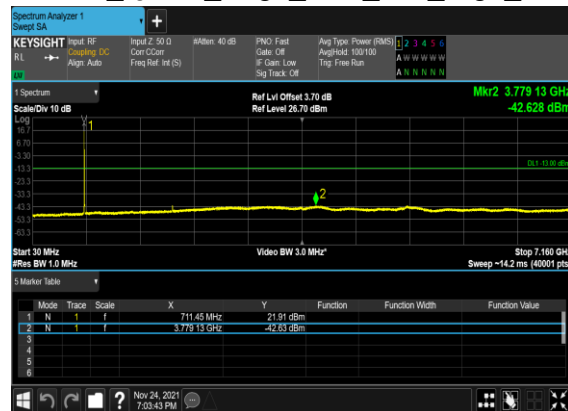
B2_N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



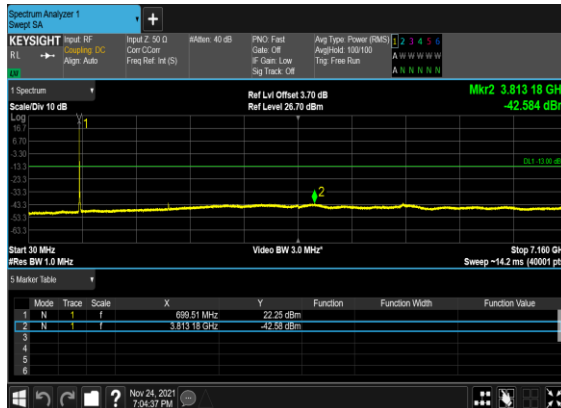
B2_N12(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



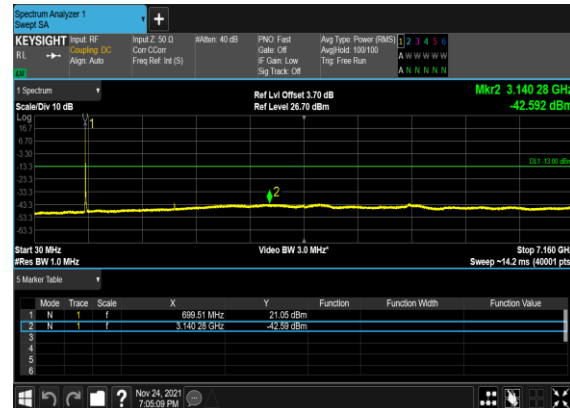
B2_N12(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



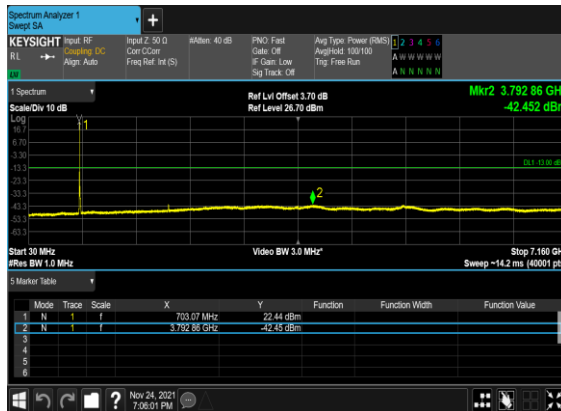
B2_N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



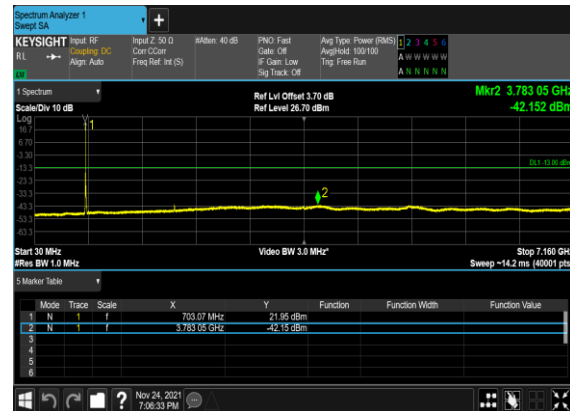
B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



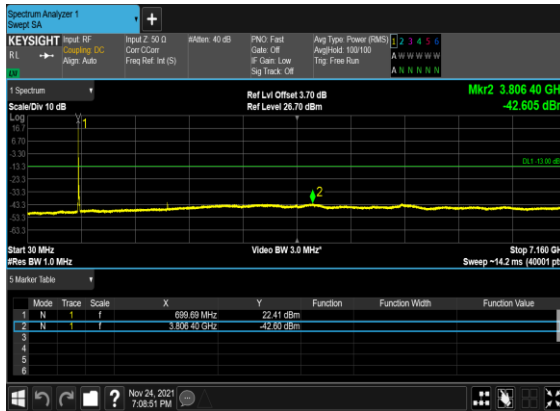
B2_N12(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



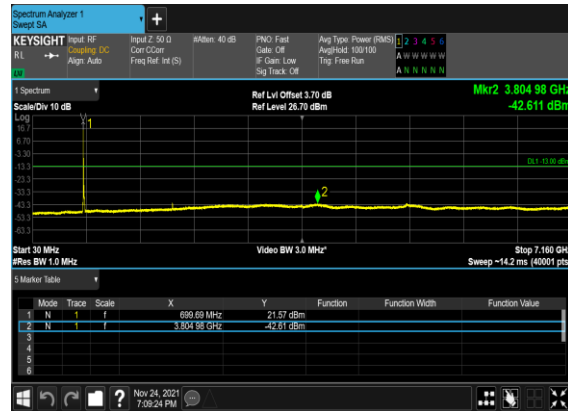
B2_N12(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



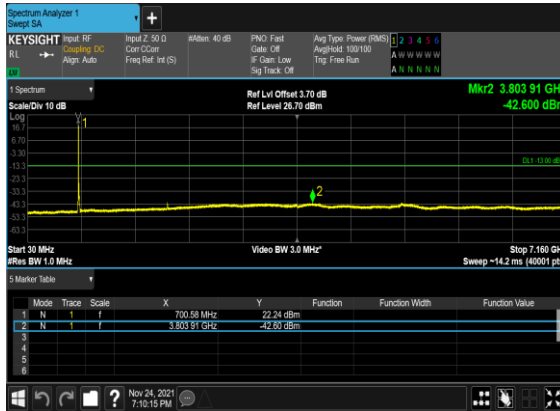
B2_N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



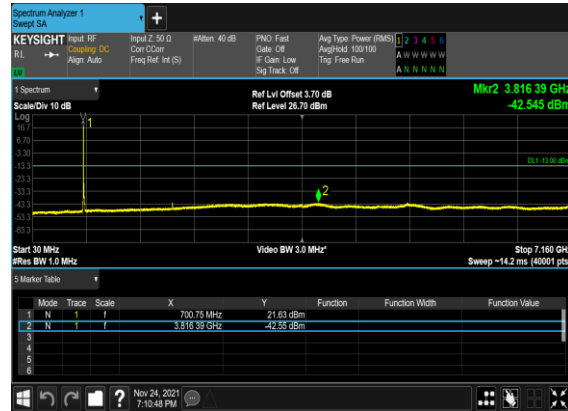
B2_N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



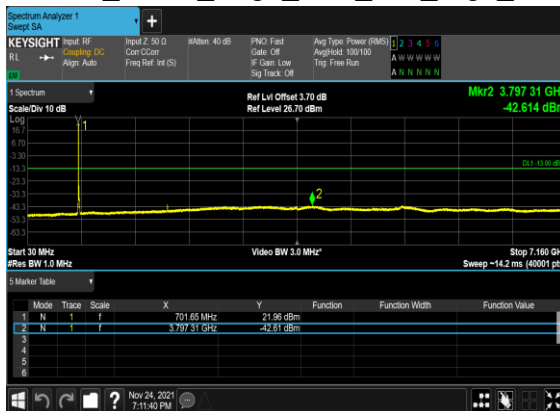
B2_N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



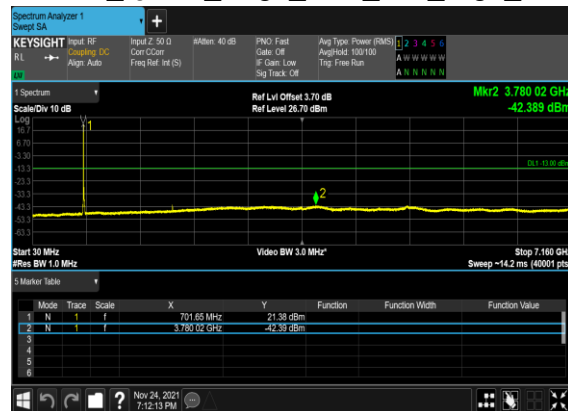
B2_N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N12(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



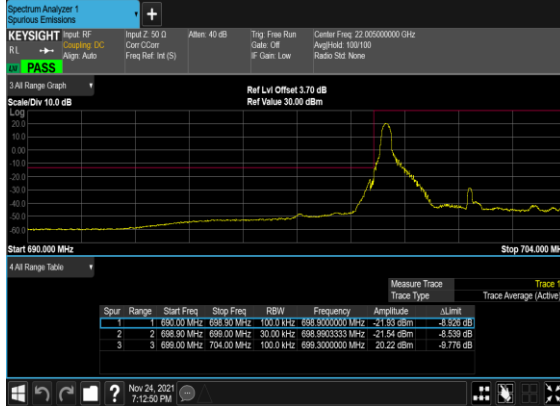
B2_N12(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
12	15	5	146300	701.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	5	146300	701.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	5	146300	701.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	146300	701.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
12	15	5	148700	713.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	146800	704.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	10	148200	711.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
12	15	10	148200	711.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
12	15	10	148200	711.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
12	15	10	148200	711.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	147300	706.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
12	15	15	147700	708.5	DFT-s-OFDM QPSK	75@0	see graph	PASS

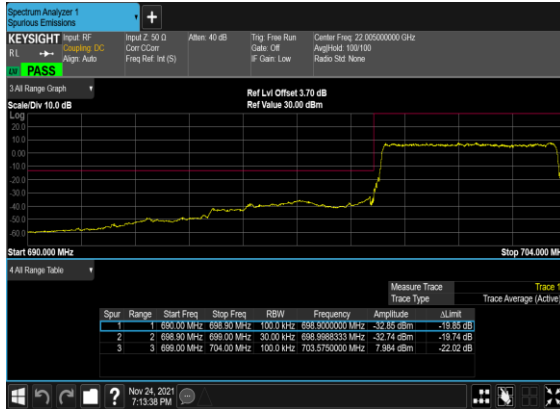
B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



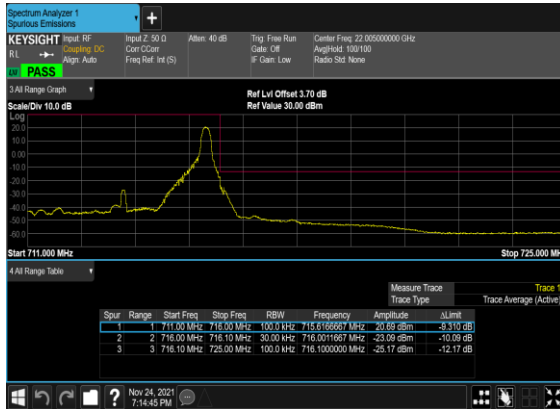
B2_N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



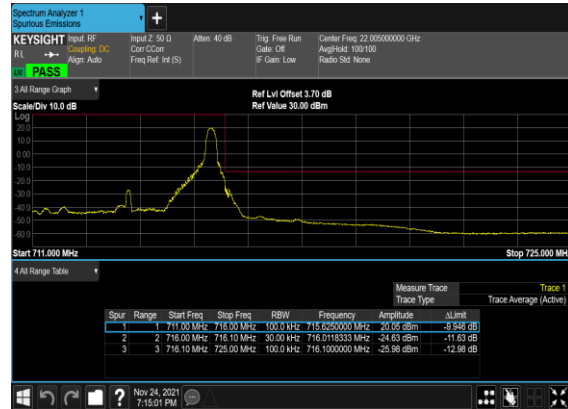
B2_N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B2_N12(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



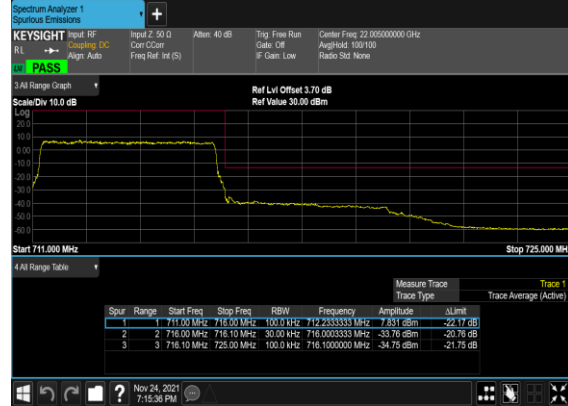
B2_N12(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



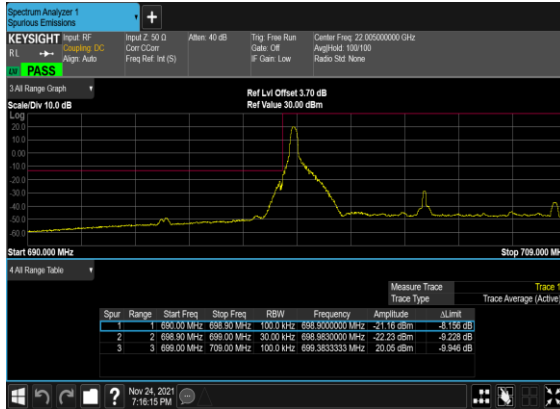
B2_N12(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



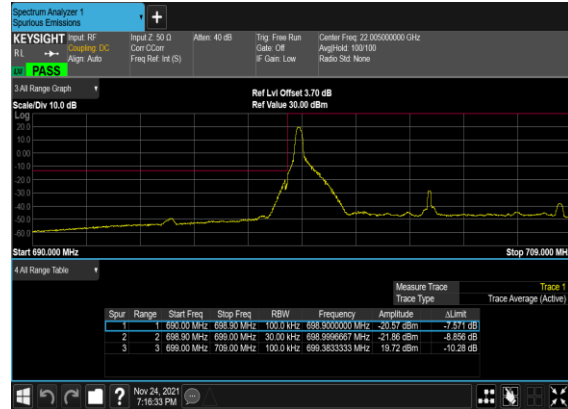
B2_N12(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



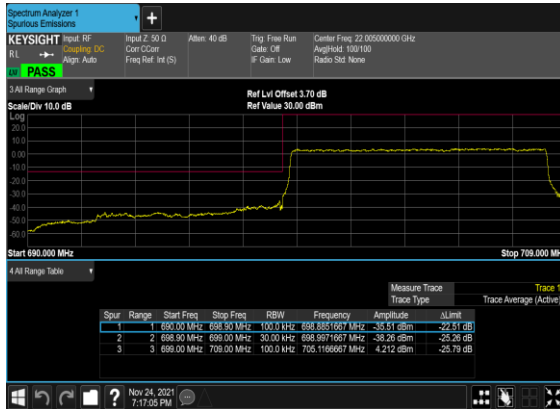
B2_N12(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



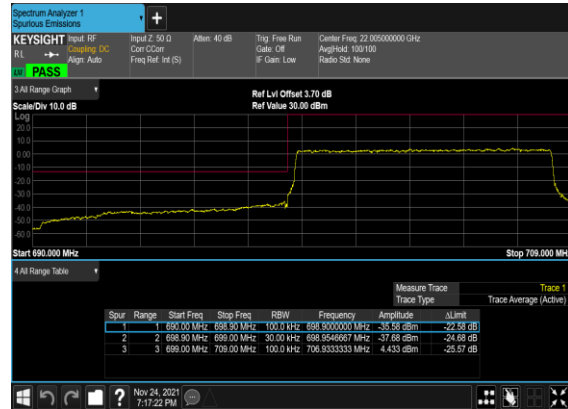
B2_N12(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N12(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B2_N12(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input RF
R1. **→** Coupling DC
Align. Auto

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

Attain: 40 dB

Trig Freq Run
Gate: Off
IF Gain: Low

Center Freq: 22 005000000 GHz
Aqltld: 100/100
Radio Stc: None

dB PASS

3.18 Range Graph

Scale/Div: 10.0 dB

Ref Lut Offset: 3.70 dB
Ref Value: 30.00 dBm

Start: 706.600 MHz
Stop: 725.000 MHz

4 All Range Table

Measure Trace
Trace Type Trace Average (Active)

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Unit
1	716.00 MHz	716.00 MHz	100.0 MHz	716.55000000 MHz	-0.53 dBm	-4.460 dBm	
2	716.00 MHz	716.10 MHz	30.00 MHz	716.00200000 MHz	-22.67 dBm	-9.665 dBm	
3	716.10 MHz	725.00 MHz	100.0 MHz	716.10000000 MHz	-23.02 dBm	-10.02 dBm	

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Keysight Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input RF
R1. Coupling DC
Align Auto

Input 2: 50.0
Corr CCR
Freq Ref: Int (S)

Attenu: 40 dB

Trig Free Run
Gate Off
IF Gain: Low

Center Freq: 22.00000000 GHz
ArefHd: 100/100
Radio Std: None

3.68 Range Graph
Scale/Div: 10.0 dB
Ref Lvl Offset: 3.70 dB
Ref Value: 30.00 dBm

Start: 706.000 MHz
Stop: 725.000 MHz

4 All Range Table

Measure Trace	Trace Type	Trace Average (Active)					
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	716.00 MHz	716.10 MHz	100.0 MHz	716.55000000 MHz	-20.00 dBm	-2.981 dB
2	2	716.00 MHz	716.10 MHz	30.00 MHz	716.01450000 MHz	-25.00 dBm	-12.00 dB
3	3	716.10 MHz	725.00 MHz	100.0 MHz	716.10000000 MHz	-25.43 dBm	-12.43 dB

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Keysight Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input: RF Input Z: 50 Ω Attm: 40 dB Trig Freq Run
R.L. → Coupling: DC Corr: Off Gate: Off Center Freq: 22.005000000 GHz
Align: Auto Freq Ref: Int (S) AvgRef: 100.00
dB PASS IF Gain: Low Radio Std: None

3.68 Range Graph
Scale/Div: 10.0 dB Ref Ref Offset: 3.70 dB
Ref Value: 30.00 dBm

Start: 706.000 MHz Stop: 725.000 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dBm
1	1	706.00 MHz	716.00 MHz	100.0 MHz	709.1833333 MHz	-30.00 dBm	-26.35 dB
2	2	716.00 MHz	716.10 MHz	30.00 MHz	716.0286667 MHz	-34.48 dBm	-30.48 dB
3	3	716.10 MHz	725.00 MHz	100.0 MHz	719.6600000 MHz	-39.33 dBm	-26.33 dB

Measure Trace Type Trace 1
Trace Average (Active)

Keysight Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref: RF
R.L. → ← Coupling DC
Align: Auto

PASS

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

Attenu: 40 dB

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 22.05000000 GHz
Arg1Ref4: 100/100
Radio Std: None

3 dB Range Graph

Scale/Div: 10.0 dB

Ref Lut Offset: 3.70 dB
Ref Value: 30.00 dBm

Start 706.000 MHz
Stop 725.000 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dB Limit
1	1	706.00 MHz	716.00 MHz	100.0 MHz	716.3333333 MHz	-30.00 dBm	-26.11 dB
2	2	716.00 MHz	716.10 MHz	30.00 MHz	716.0533333 MHz	-44.00 dBm	-31.06 dB
3	3	716.10 MHz	725.00 MHz	100.0 MHz	717.1680000 MHz	-40.87 dBm	-27.87 dB

Measure Trace
Trace Type
Trace 1
Trace Average (Active)

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Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref
R1. Creating DC
Align: Auto

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

Att: 40 dB

Trig: Free Run
Gate: Off
IF Gain: Low

Center Freq: 22 050000000 GHz
Aurghd: 100.100
Radio Std: None

3.68 Range Graph

Scale/Div: 10.0 dB

Ref Lvl Offset: 3.75 dBm
Ref Value: 30.0 dBm

Start 690.00 MHz Stop 714.000 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Offset
1	1	690.01 MHz	698.93 MHz	100.11 kHz	698.9300000 MHz	-26.78 dBm	-13.75 dB
2	2	698.90 MHz	699.00 MHz	30.00 kHz	698.9975000 MHz	-26.59 dBm	-13.59 dB
3	3	699.00 MHz	714.00 MHz	100.0 kHz	699.4250000 MHz	-19.94 dBm	-10.06 dB

Measure Trace
Trace Type

Trace 1
Trace Average (Active)

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Spectrum Analyzer 1
Spurious Emissions

KEYSIGHT Input Ref: 50.0 dBm
R1 Creating DC
Align: Auto
Status: **PASS**

Input: 50.0 dBm
Corr Coef: 0.0
Freq Ref: 100.0 MHz

Att: 40.0 dB

Trig Mode: Run
Gate: Off
IF Gain: Low

Center Freq: 22.00000000 GHz
Avg/Hz: 100/100
Radio Std: None

Ref Lvl Offset: 3.75 dBm
Ref Value: 30.08 dBm

Scale/Div: 10.0 dB
Log

Start 690.00 MHz
Stop 714.00 MHz

4 All Range Table

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	dBm
1	1	690.00 MHz	698.92 MHz	100.0 kHz	698.8881667 MHz	-27.04 dBm	-14.04 dB
2	2	698.90 MHz	699.00 MHz	30.00 kHz	698.9678333 MHz	-26.07 dBm	-13.07 dB
3	3	699.00 MHz	714.00 MHz	100.0 kHz	699.4500000 MHz	-19.59 dBm	-10.41 dB

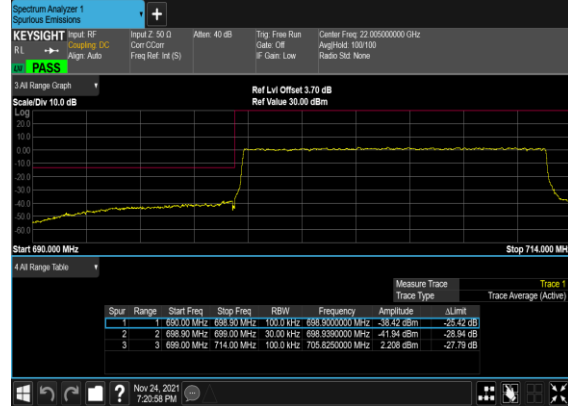
Measure Trace
Trace Type
Trace Average (Active)

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B2_N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



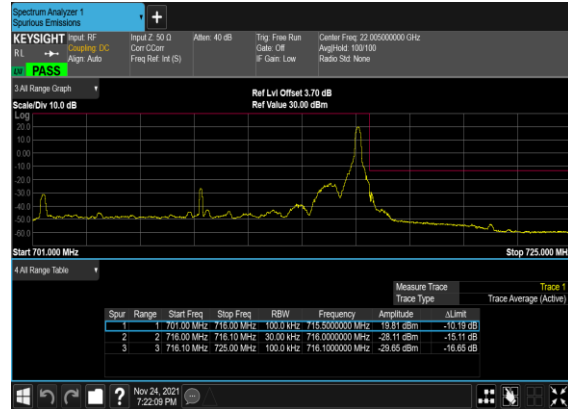
B2_N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



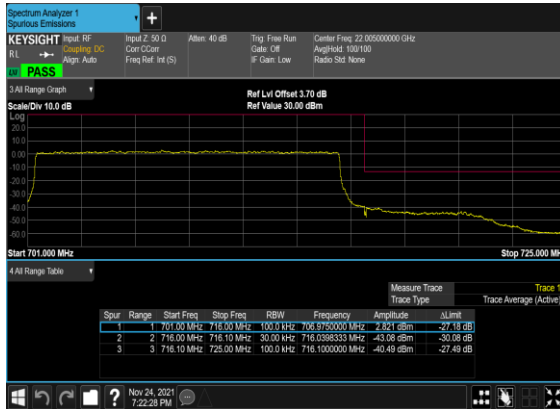
B2_N12(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



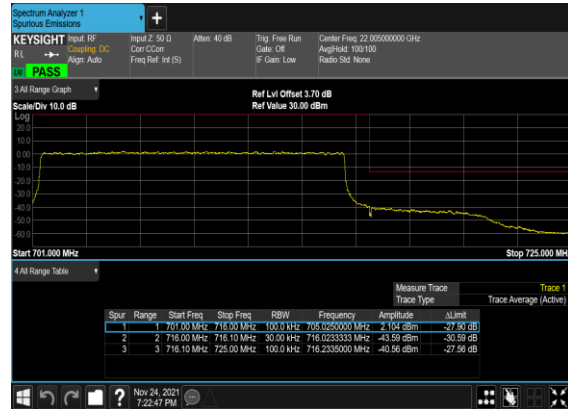
B2_N12(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N12(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N12(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N25

LTE Band: 12, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And ERP/EIRP, ($G_T - L_C$)=2.00dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	23.67	25.67	0.3690
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	23.57	25.57	0.3606
25	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	23.56	25.56	0.3597
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	23.72	25.72	0.3733
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	23.64	25.64	0.3664
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	23.7	25.7	0.3715
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.79	24.79	0.3013
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.71	24.71	0.2958
25	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.79	24.79	0.3013
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	21.22	23.22	0.2099
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	21.07	23.07	0.2028
25	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	21.13	23.13	0.2056
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	19.31	21.31	0.1352
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	19.39	21.39	0.1377
25	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	19.42	21.42	0.1387
25	15	5	386500	1852.5	CP-OFDM QPSK	13@6	22.15	24.15	0.2600
25	15	5	386500	1852.5	CP-OFDM QPSK	1@1	21.98	23.98	0.2500
25	15	5	386500	1852.5	CP-OFDM QPSK	1@23	22.02	24.02	0.2523
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	12@6	23.78	25.78	0.3784
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.66	25.66	0.3681
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@23	23.68	25.68	0.3698
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	12@6	23.77	25.77	0.3776
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.71	25.71	0.3724

25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@23	23.75	25.75	0.3758
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	12@6	22.82	24.82	0.3034
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.78	24.78	0.3006
25	15	5	392500	1882.5	DFT-s-OFDM 16 QAM	1@23	22.77	24.77	0.2999
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	12@6	21.28	23.28	0.2128
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.1	23.1	0.2042
25	15	5	392500	1882.5	DFT-s-OFDM 64 QAM	1@23	21.1	23.1	0.2042
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	12@6	19.36	21.36	0.1368
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.48	21.48	0.1406
25	15	5	392500	1882.5	DFT-s-OFDM 256 QAM	1@23	19.42	21.42	0.1387
25	15	5	392500	1882.5	CP-OFDM QPSK	13@6	22.24	24.24	0.2655
25	15	5	392500	1882.5	CP-OFDM QPSK	1@1	22.45	24.45	0.2786
25	15	5	392500	1882.5	CP-OFDM QPSK	1@23	22.34	24.34	0.2716
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	12@6	23.7	25.7	0.3715
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	25.51	0.3556
25	15	5	398500	1912.5	DFT-s-OFDM PI/2 BPSK	1@23	23.46	25.46	0.3516
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	12@6	23.76	25.76	0.3767
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@1	23.7	25.7	0.3715
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@23	23.71	25.71	0.3724
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	12@6	22.84	24.84	0.3048
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.71	24.71	0.2958
25	15	5	398500	1912.5	DFT-s-OFDM 16 QAM	1@23	22.79	24.79	0.3013
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	12@6	21.21	23.21	0.2094
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@1	21.04	23.04	0.2014
25	15	5	398500	1912.5	DFT-s-OFDM 64 QAM	1@23	21.17	23.17	0.2075
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	12@6	19.35	21.35	0.1365
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@1	19.44	21.44	0.1393
25	15	5	398500	1912.5	DFT-s-OFDM 256 QAM	1@23	19.43	21.43	0.1390
25	15	5	398500	1912.5	CP-OFDM QPSK	13@6	22.17	24.17	0.2612
25	15	5	398500	1912.5	CP-OFDM QPSK	1@1	21.98	23.98	0.2500

25	15	5	398500	1912.5	CP-OFDM QPSK	1@23	22.05	24.05	0.2541
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	23.76	25.76	0.3767
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	23.53	25.53	0.3573
25	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	23.56	25.56	0.3597
25	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	23.85	25.85	0.3846
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	23.65	25.65	0.3673
25	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	23.69	25.69	0.3707
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	22.79	24.79	0.3013
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	22.76	24.76	0.2992
25	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	22.88	24.88	0.3076
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	21.28	23.28	0.2128
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	21.11	23.11	0.2046
25	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	21.21	23.21	0.2094
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	19.33	21.33	0.1358
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	19.41	21.41	0.1384
25	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	19.49	21.49	0.1409
25	15	10	387000	1855	CP-OFDM QPSK	26@13	22.28	24.28	0.2679
25	15	10	387000	1855	CP-OFDM QPSK	1@1	21.98	23.98	0.2500
25	15	10	387000	1855	CP-OFDM QPSK	1@50	22.07	24.07	0.2553
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@12	23.79	25.79	0.3793
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	25.58	0.3614
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@50	23.72	25.72	0.3733
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	25@12	23.83	25.83	0.3828
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.69	25.69	0.3707
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@50	23.79	25.79	0.3793
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	25@12	22.82	24.82	0.3034
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.76	24.76	0.2992
25	15	10	392500	1882.5	DFT-s-OFDM 16 QAM	1@50	22.85	24.85	0.3055
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	25@12	21.33	23.33	0.2153
25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.1	23.1	0.2042

25	15	10	392500	1882.5	DFT-s-OFDM 64 QAM	1@50	21.11	23.11	0.2046
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	25@12	19.41	21.41	0.1384
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.41	21.41	0.1384
25	15	10	392500	1882.5	DFT-s-OFDM 256 QAM	1@50	19.5	21.5	0.1413
25	15	10	392500	1882.5	CP-OFDM QPSK	26@13	22.28	24.28	0.2679
25	15	10	392500	1882.5	CP-OFDM QPSK	1@1	22	24	0.2512
25	15	10	392500	1882.5	CP-OFDM QPSK	1@50	22.09	24.09	0.2564
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	25@12	23.77	25.77	0.3776
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@1	23.55	25.55	0.3589
25	15	10	398000	1910	DFT-s-OFDM PI/2 BPSK	1@50	23.53	25.53	0.3573
25	15	10	398000	1910	DFT-s-OFDM QPSK	25@12	23.82	25.82	0.3819
25	15	10	398000	1910	DFT-s-OFDM QPSK	1@1	23.69	25.69	0.3707
25	15	10	398000	1910	DFT-s-OFDM QPSK	1@50	23.77	25.77	0.3776
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	25@12	22.79	24.79	0.3013
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@1	22.7	24.7	0.2951
25	15	10	398000	1910	DFT-s-OFDM 16 QAM	1@50	22.96	24.96	0.3133
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	25@12	21.27	23.27	0.2123
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@1	20.97	22.97	0.1982
25	15	10	398000	1910	DFT-s-OFDM 64 QAM	1@50	21.02	23.02	0.2004
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	25@12	19.31	21.31	0.1352
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@1	19.42	21.42	0.1387
25	15	10	398000	1910	DFT-s-OFDM 256 QAM	1@50	19.48	21.48	0.1406
25	15	10	398000	1910	CP-OFDM QPSK	26@13	22.27	24.27	0.2673
25	15	10	398000	1910	CP-OFDM QPSK	1@1	21.92	23.92	0.2466
25	15	10	398000	1910	CP-OFDM QPSK	1@50	22.07	24.07	0.2553
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	23.82	25.82	0.3819
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	25.52	0.3565
25	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	23.54	25.54	0.3581
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	23.84	25.84	0.3837
25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	23.68	25.68	0.3698

25	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	23.67	25.67	0.3690
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.87	24.87	0.3069
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.67	24.67	0.2931
25	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.75	24.75	0.2985
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	21.31	23.31	0.2143
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	21.09	23.09	0.2037
25	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	21.2	23.2	0.2089
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	19.48	21.48	0.1406
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	19.37	21.37	0.1371
25	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	19.42	21.42	0.1387
25	15	15	387500	1857.5	CP-OFDM QPSK	39@19	22.33	24.33	0.2710
25	15	15	387500	1857.5	CP-OFDM QPSK	1@1	21.96	23.96	0.2489
25	15	15	387500	1857.5	CP-OFDM QPSK	1@77	21.86	23.86	0.2432
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	36@18	23.83	25.83	0.3828
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.59	25.59	0.3622
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@77	23.72	25.72	0.3733
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	36@18	23.86	25.86	0.3855
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.66	25.66	0.3681
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	1@77	23.8	25.8	0.3802
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	36@18	22.83	24.83	0.3041
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.79	24.79	0.3013
25	15	15	392500	1882.5	DFT-s-OFDM 16 QAM	1@77	22.85	24.85	0.3055
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	36@18	21.32	23.32	0.2148
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.12	23.12	0.2051
25	15	15	392500	1882.5	DFT-s-OFDM 64 QAM	1@77	21.12	23.12	0.2051
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	36@18	19.44	21.44	0.1393
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.41	21.41	0.1384
25	15	15	392500	1882.5	DFT-s-OFDM 256 QAM	1@77	19.51	21.51	0.1416
25	15	15	392500	1882.5	CP-OFDM QPSK	39@19	22.36	24.36	0.2729
25	15	15	392500	1882.5	CP-OFDM QPSK	1@1	22.04	24.04	0.2535

25	15	15	392500	1882.5	CP-OFDM QPSK	1@77	21.91	23.91	0.2460
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	36@18	23.82	25.82	0.3819
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	25.55	0.3589
25	15	15	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@77	23.58	25.58	0.3614
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	36@18	23.9	25.9	0.3890
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@1	23.68	25.68	0.3698
25	15	15	397500	1907.5	DFT-s-OFDM QPSK	1@77	23.79	25.79	0.3793
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	36@18	22.86	24.86	0.3062
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.67	24.67	0.2931
25	15	15	397500	1907.5	DFT-s-OFDM 16 QAM	1@77	22.84	24.84	0.3048
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	36@18	21.34	23.34	0.2158
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	21.12	23.12	0.2051
25	15	15	397500	1907.5	DFT-s-OFDM 64 QAM	1@77	21.29	23.29	0.2133
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	36@18	19.49	21.49	0.1409
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	19.39	21.39	0.1377
25	15	15	397500	1907.5	DFT-s-OFDM 256 QAM	1@77	19.52	21.52	0.1419
25	15	15	397500	1907.5	CP-OFDM QPSK	39@19	22.35	24.35	0.2723
25	15	15	397500	1907.5	CP-OFDM QPSK	1@1	21.99	23.99	0.2506
25	15	15	397500	1907.5	CP-OFDM QPSK	1@77	21.92	23.92	0.2466
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.76	25.76	0.3767
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.61	25.61	0.3639
25	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.65	25.65	0.3673
25	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	23.86	25.86	0.3855
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	23.76	25.76	0.3767
25	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	23.83	25.83	0.3828
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	22.85	24.85	0.3055
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	22.75	24.75	0.2985
25	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	22.86	24.86	0.3062
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	21.31	23.31	0.2143
25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	21.12	23.12	0.2051

25	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	21.23	23.23	0.2104
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	19.48	21.48	0.1406
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	19.48	21.48	0.1406
25	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	19.55	21.55	0.1429
25	15	20	388000	1860	CP-OFDM QPSK	53@26	22.3	24.3	0.2692
25	15	20	388000	1860	CP-OFDM QPSK	1@1	22.03	24.03	0.2529
25	15	20	388000	1860	CP-OFDM QPSK	1@104	22.1	24.1	0.2570
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@25	23.86	25.86	0.3855
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	25.55	0.3589
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@104	23.79	25.79	0.3793
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	50@25	23.87	25.87	0.3864
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@1	23.67	25.67	0.3690
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@104	23.93	25.93	0.3917
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	50@25	22.87	24.87	0.3069
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.72	24.72	0.2965
25	15	20	392500	1882.5	DFT-s-OFDM 16 QAM	1@104	22.91	24.91	0.3097
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	50@25	21.35	23.35	0.2163
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.09	23.09	0.2037
25	15	20	392500	1882.5	DFT-s-OFDM 64 QAM	1@104	21.26	23.26	0.2118
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	50@25	19.51	21.51	0.1416
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.45	21.45	0.1396
25	15	20	392500	1882.5	DFT-s-OFDM 256 QAM	1@104	19.64	21.64	0.1459
25	15	20	392500	1882.5	CP-OFDM QPSK	53@26	22.37	24.37	0.2735
25	15	20	392500	1882.5	CP-OFDM QPSK	1@1	22.04	24.04	0.2535
25	15	20	392500	1882.5	CP-OFDM QPSK	1@104	22.13	24.13	0.2588
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	50@25	23.89	25.89	0.3882
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	23.68	25.68	0.3698
25	15	20	397000	1905	DFT-s-OFDM PI/2 BPSK	1@104	23.64	25.64	0.3664
25	15	20	397000	1905	DFT-s-OFDM QPSK	50@25	23.94	25.94	0.3926
25	15	20	397000	1905	DFT-s-OFDM QPSK	1@1	23.79	25.79	0.3793

25	15	20	397000	1905	DFT-s-OFDM QPSK	1@104	23.89	25.89	0.3882
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	50@25	22.93	24.93	0.3112
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@1	22.84	24.84	0.3048
25	15	20	397000	1905	DFT-s-OFDM 16 QAM	1@104	22.94	24.94	0.3119
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	50@25	21.4	23.4	0.2188
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@1	21.19	23.19	0.2084
25	15	20	397000	1905	DFT-s-OFDM 64 QAM	1@104	21.38	23.38	0.2178
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	50@25	19.57	21.57	0.1435
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@1	19.52	21.52	0.1419
25	15	20	397000	1905	DFT-s-OFDM 256 QAM	1@104	19.62	21.62	0.1452
25	15	20	397000	1905	CP-OFDM QPSK	53@26	22.37	24.37	0.2735
25	15	20	397000	1905	CP-OFDM QPSK	1@1	22.09	24.09	0.2564
25	15	20	397000	1905	CP-OFDM QPSK	1@104	22.12	24.12	0.2582

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0606	PASS	NV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0431	PASS	LV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0418	PASS	HV
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0333	PASS	-30°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0534	PASS	-20°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0588	PASS	-10°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0413	PASS	0°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0052	PASS	10°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	20°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0266	PASS	30°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0427	PASS	40°C
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	0.0063	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	100@0	4.23	13	PASS
25	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	1@0	3.62	13	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	5.33	13	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	5.04	13	PASS
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	4.6	13	PASS
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	1@0	3.5	13	PASS
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	5.82	13	PASS
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	5.08	13	PASS
25	15	20	397000	1905.0	DFT-s-OFDM PI/2 BPSK	100@0	4.37	13	PASS
25	15	20	397000	1905.0	DFT-s-OFDM PI/2 BPSK	1@0	3.51	13	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	100@0	5.59	13	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	4.89	13	PASS

B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



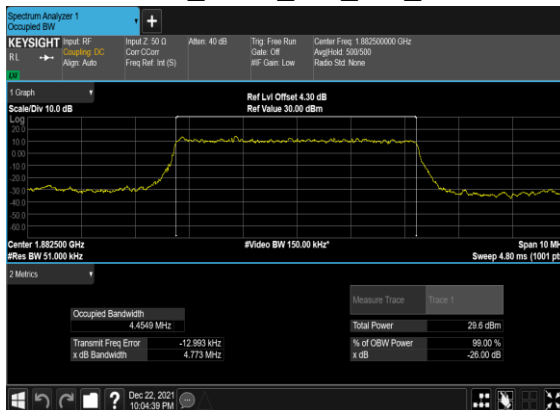
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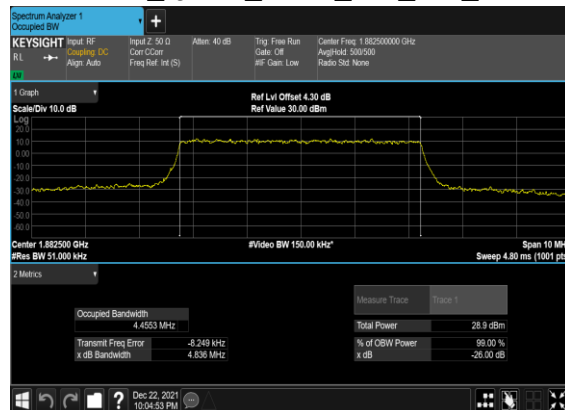
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4549	4.773
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	25@0	4.4553	4.836
25	15	5	392500	1882.5	CP-OFDM QPSK	25@0	4.4578	4.837
25	15	5	392500	1882.5	CP-OFDM 16 QAM	25@0	4.4641	4.813
25	15	5	392500	1882.5	CP-OFDM 64 QAM	25@0	4.4731	4.825
25	15	5	392500	1882.5	CP-OFDM 256 QAM	25@0	4.4672	4.821
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9282	9.565
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	50@0	8.9224	9.589
25	15	10	392500	1882.5	CP-OFDM QPSK	52@0	9.2578	9.871
25	15	10	392500	1882.5	CP-OFDM 16 QAM	52@0	9.2861	9.815
25	15	10	392500	1882.5	CP-OFDM 64 QAM	52@0	9.2699	9.813
25	15	10	392500	1882.5	CP-OFDM 256 QAM	52@0	9.2598	9.936
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	75@0	13.361	14.05
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	75@0	13.368	14.1
25	15	15	392500	1882.5	CP-OFDM QPSK	79@0	14.109	14.8
25	15	15	392500	1882.5	CP-OFDM 16 QAM	79@0	14.099	14.75
25	15	15	392500	1882.5	CP-OFDM 64 QAM	79@0	14.092	14.76
25	15	15	392500	1882.5	CP-OFDM 256 QAM	79@0	14.082	14.79
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	17.84	19.0
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	17.826	18.85
25	15	20	392500	1882.5	CP-OFDM QPSK	106@0	18.875	19.92
25	15	20	392500	1882.5	CP-OFDM 16 QAM	106@0	18.916	19.97
25	15	20	392500	1882.5	CP-OFDM 64 QAM	106@0	18.896	19.92
25	15	20	392500	1882.5	CP-OFDM 256 QAM	106@0	18.873	19.81

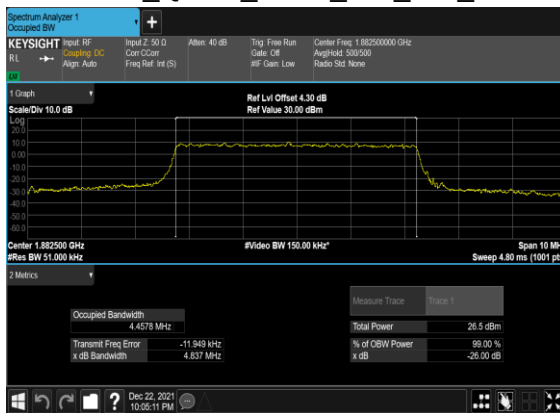
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BPSK_Outer_Full_Mid_CH



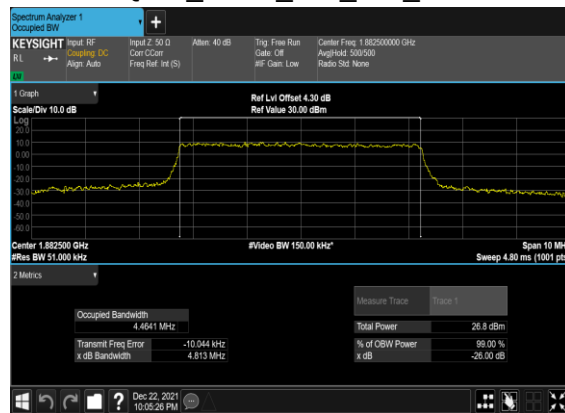
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OFDM_QPSK_Outer_Full_Mid_CH



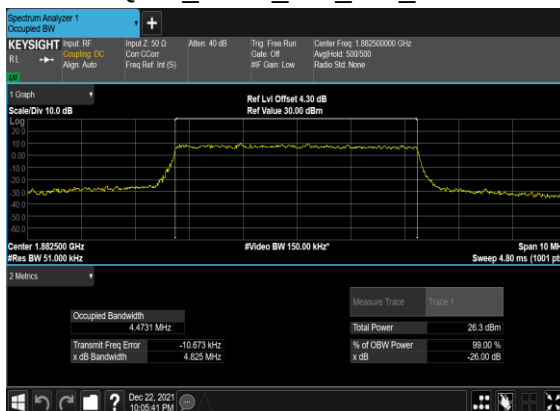
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OFDM_QPSK_Outer_Full_Mid_CH



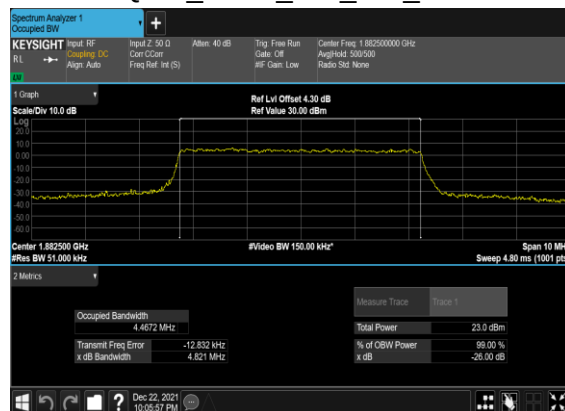
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QAM_Outer_Full_Mid_CH



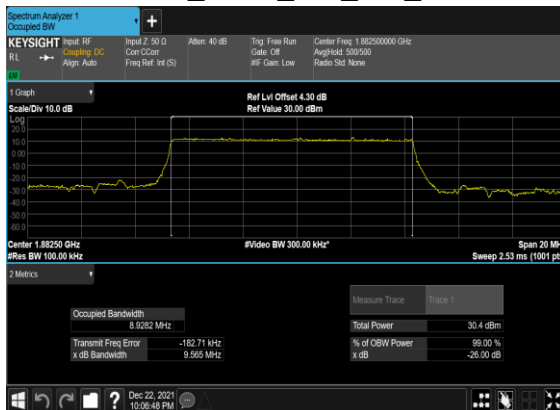
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QAM_Outer_Full_Mid_CH



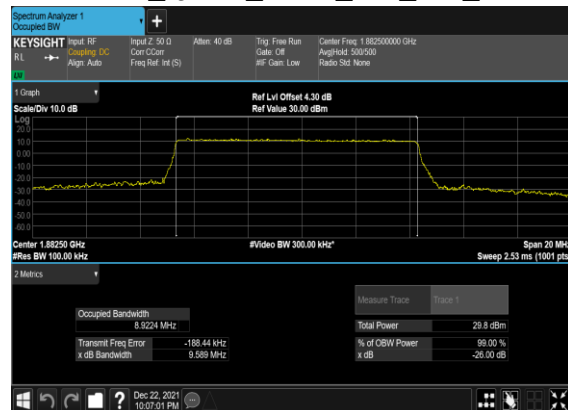
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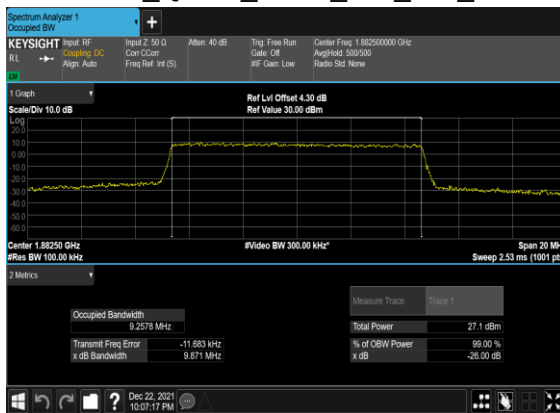
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BPSK_Outer_Full_Mid_CH



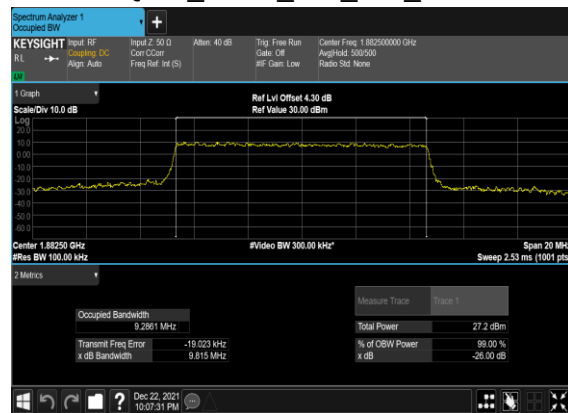
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OFDM_QPSK_Outer_Full_Mid_CH



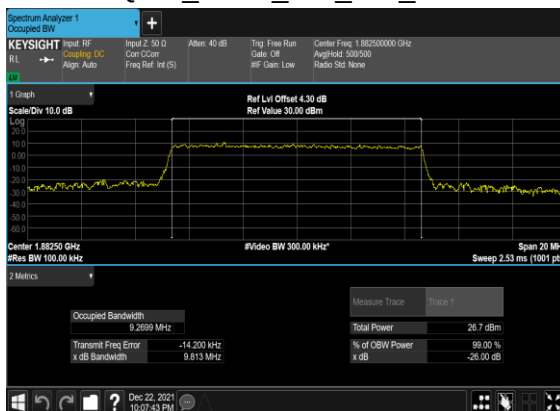
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OFDM_QPSK_Outer_Full_Mid_CH



B12_N25(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



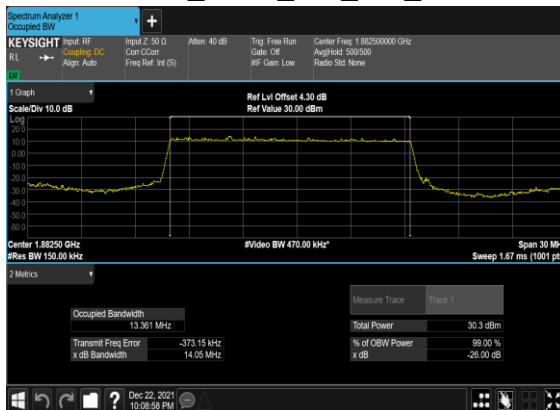
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QAM_Outer_Full_Mid_CH



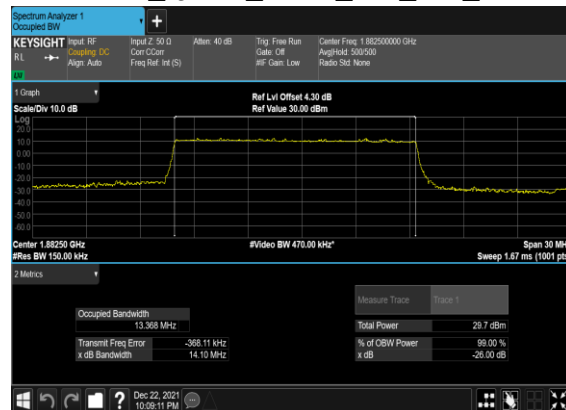
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QAM_Outer_Full_Mid_CH



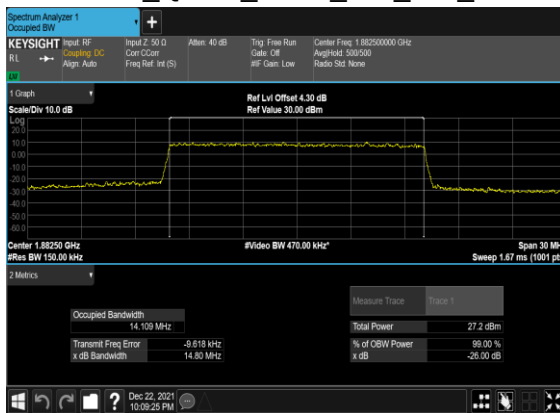
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BPSK_Outer_Full_Mid_CH



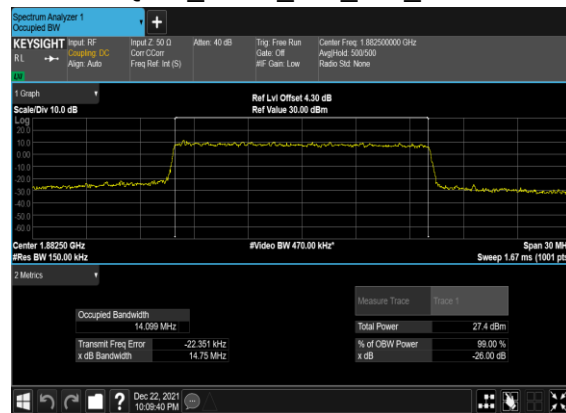
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OFDM_QPSK_Outer_Full_Mid_CH



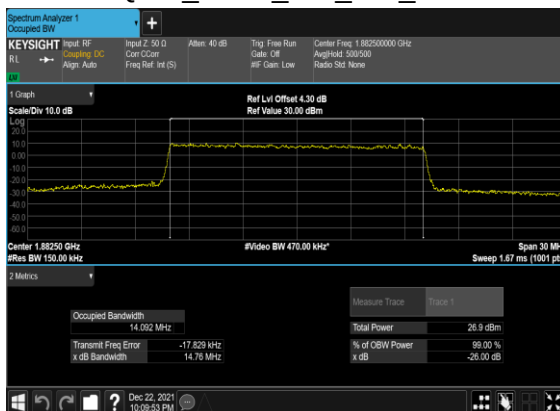
B12_N25(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



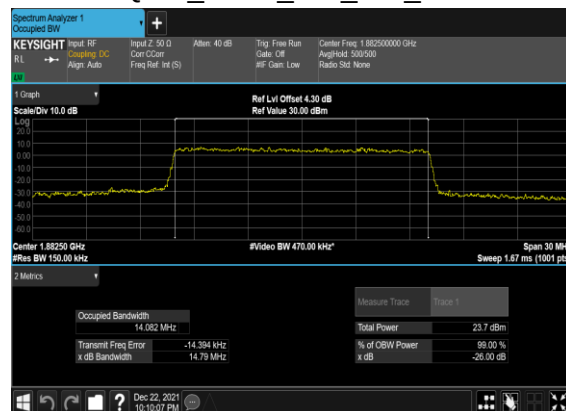
B12_N25(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



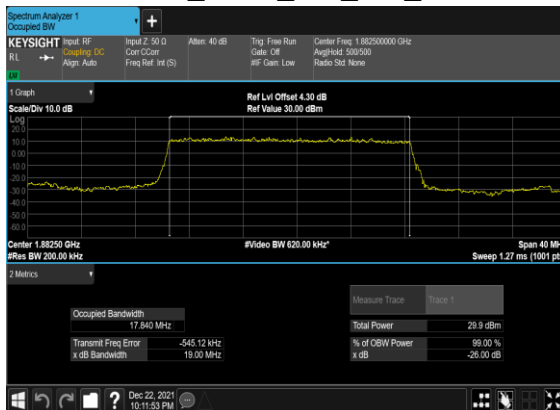
B12_N25(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



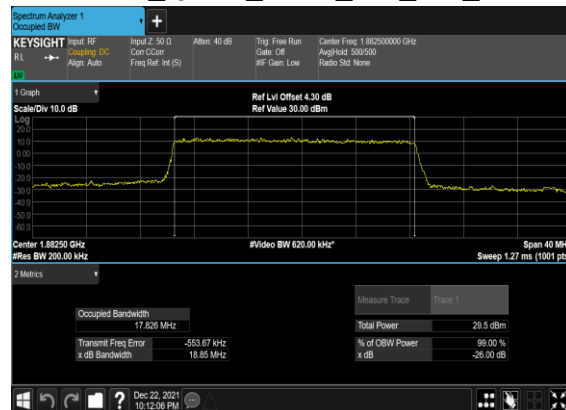
B12_N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



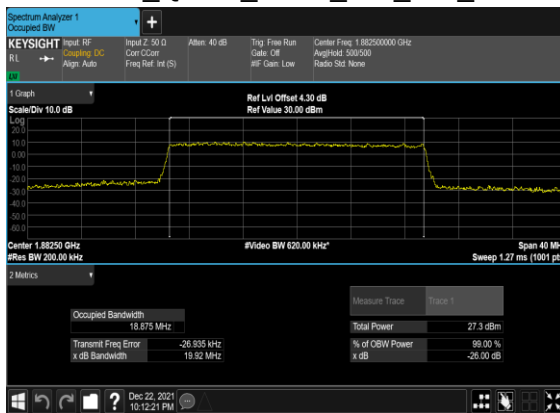
B12_N25(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



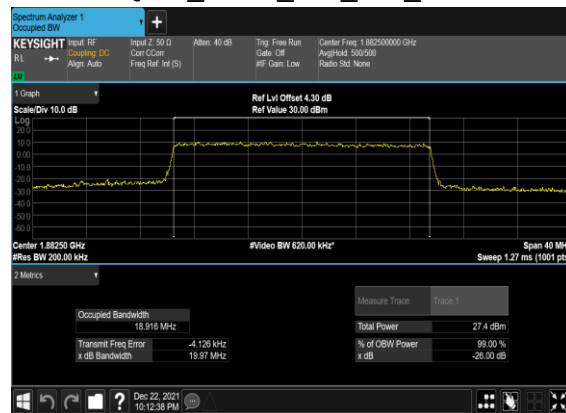
B12_N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



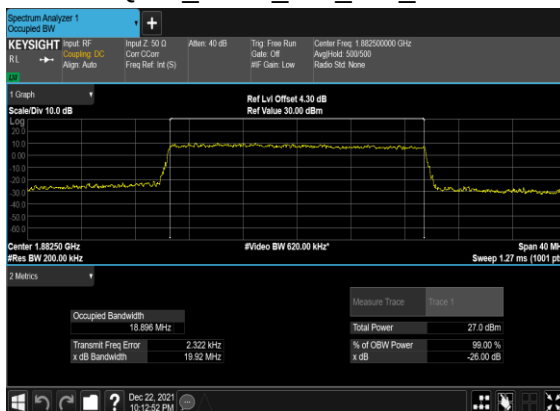
B12_N25(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



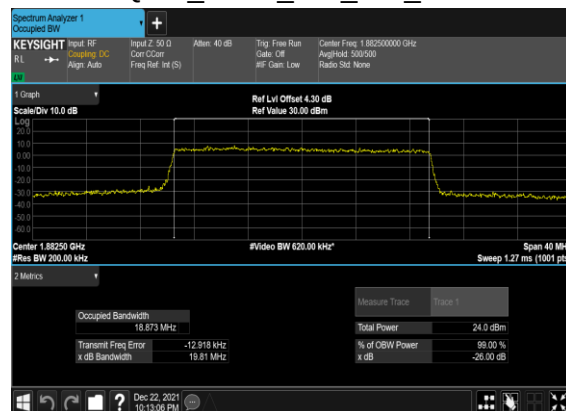
B12_N25(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B12_N25(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B12_N25(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

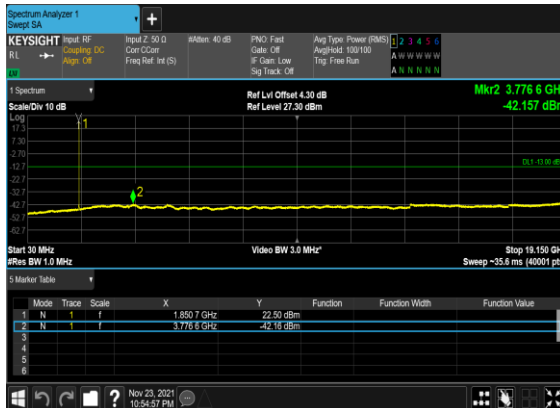


Conducted Spurious Emissions

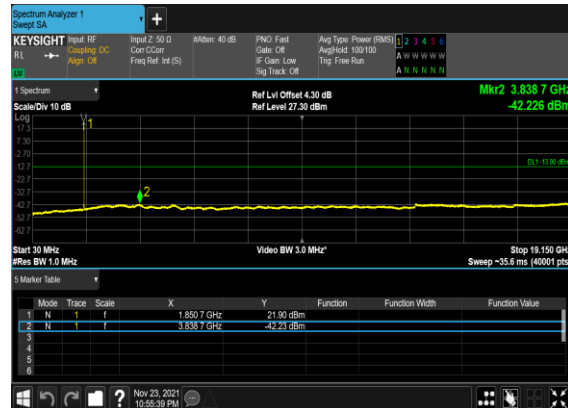
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	10	387000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	10	387000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	10	387000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	10	387000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	10	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	10	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	10	398000	1910.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	10	398000	1910.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

25	15	10	398000	1910.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	10	398000	1910.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

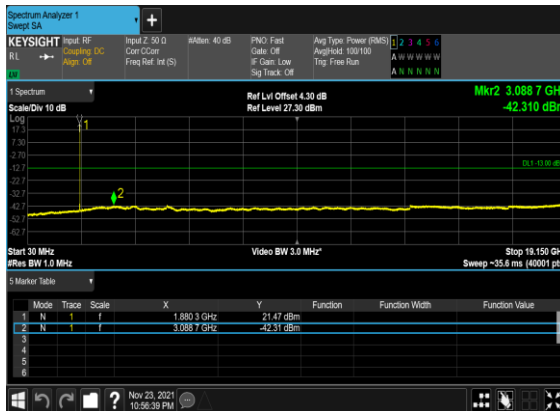
B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



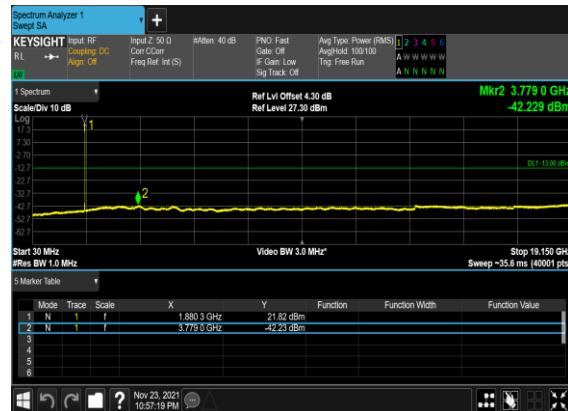
B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

