99% & 26dB Bandwidth

Test Result

5G NR N12 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.53	5.14	/	Pass
CP-OFDM QPSK		Outer_Full	4.48	5.19	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.52	5.18	/	Pass
CP-OFDM QPSK		Outer_Full	4.49	5.22	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.51	5.27	/	Pass
CP-OFDM QPSK		Outer_Full	4.51	5.25	/	Pass

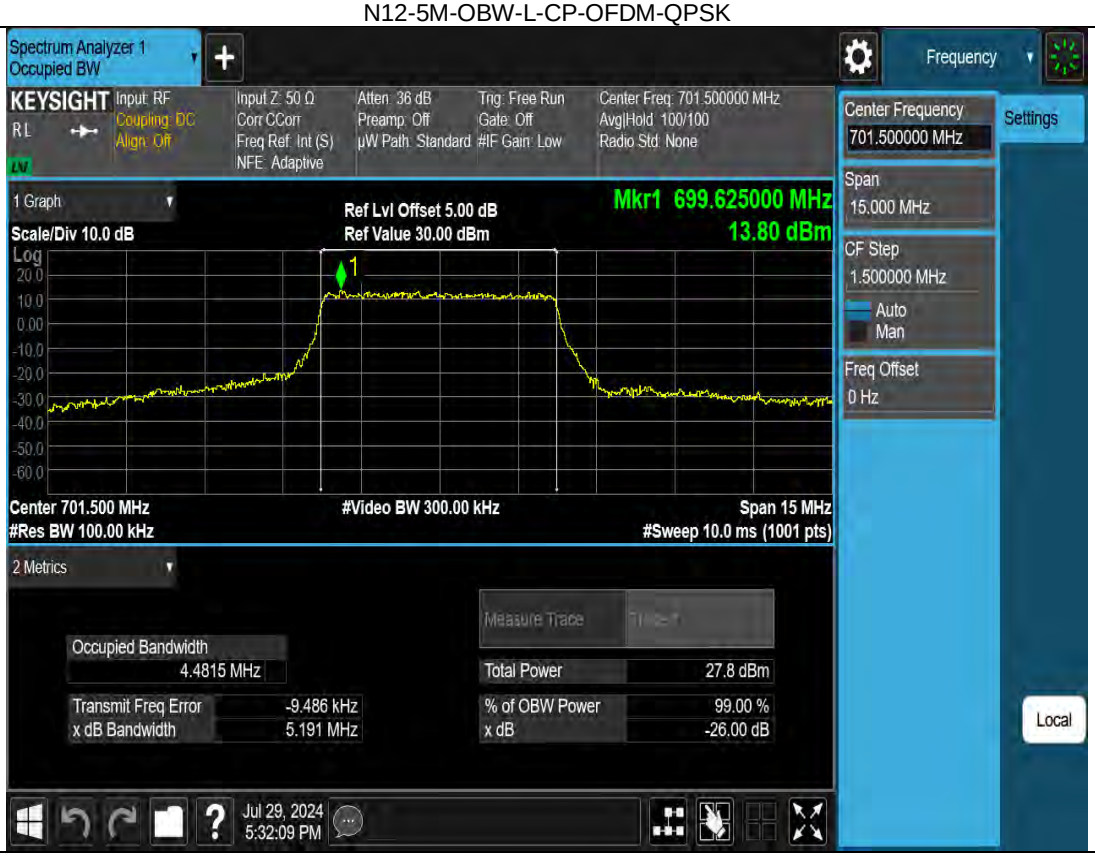
5G NR N12 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.98	9.72	/	Pass
CP-OFDM QPSK		Outer_Full	9.35	10.23	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.92	9.75	/	Pass
CP-OFDM QPSK		Outer_Full	9.29	10.13	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.93	9.64	/	Pass
CP-OFDM QPSK		Outer_Full	9.3	10.09	/	Pass

5G NR N12 SCS=15kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	13.47	14.47	/	Pass
CP-OFDM QPSK		Outer_Full	14.11	15.13	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.46	14.53	/	Pass
CP-OFDM QPSK		Outer_Full	14.1	15.21	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.47	14.53	/	Pass
CP-OFDM QPSK		Outer_Full	14.13	15.2	/	Pass

Test Graph

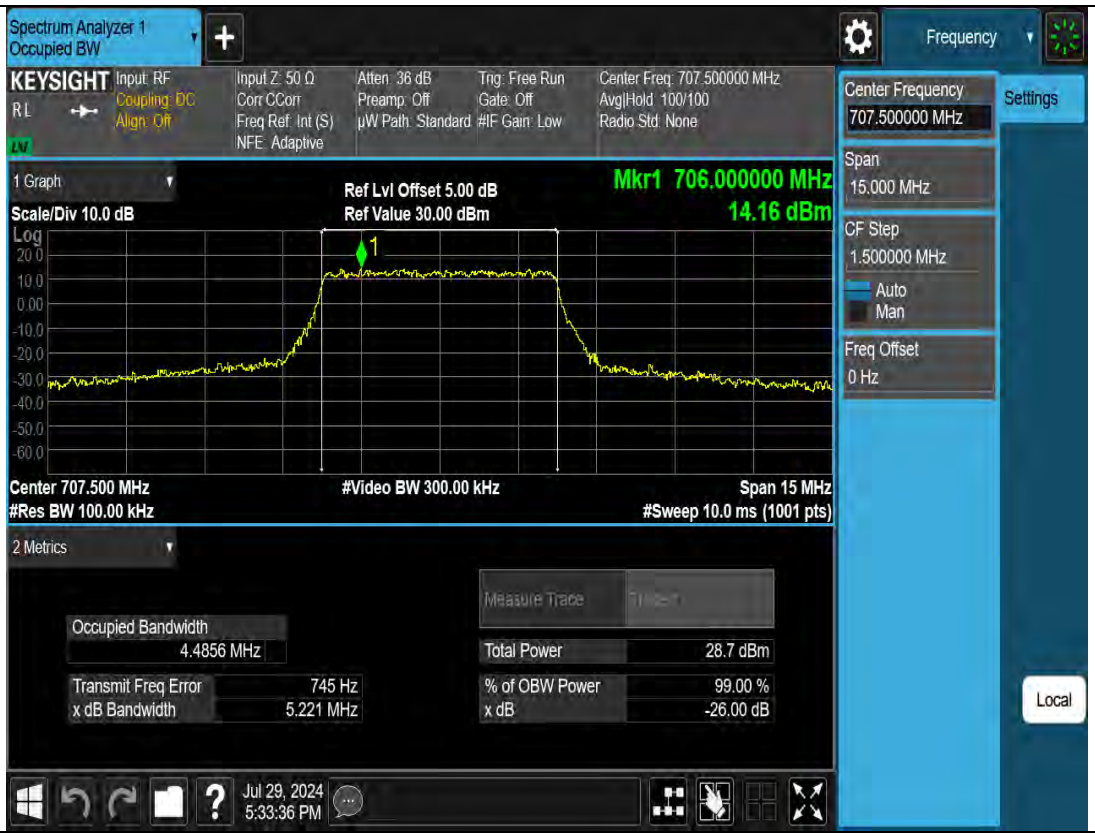
N12-5M-OBW-L-DFT-s-OFDM-Pi2 BPSK

N12-5M-OBW-L-CP-OFDM-QPSK



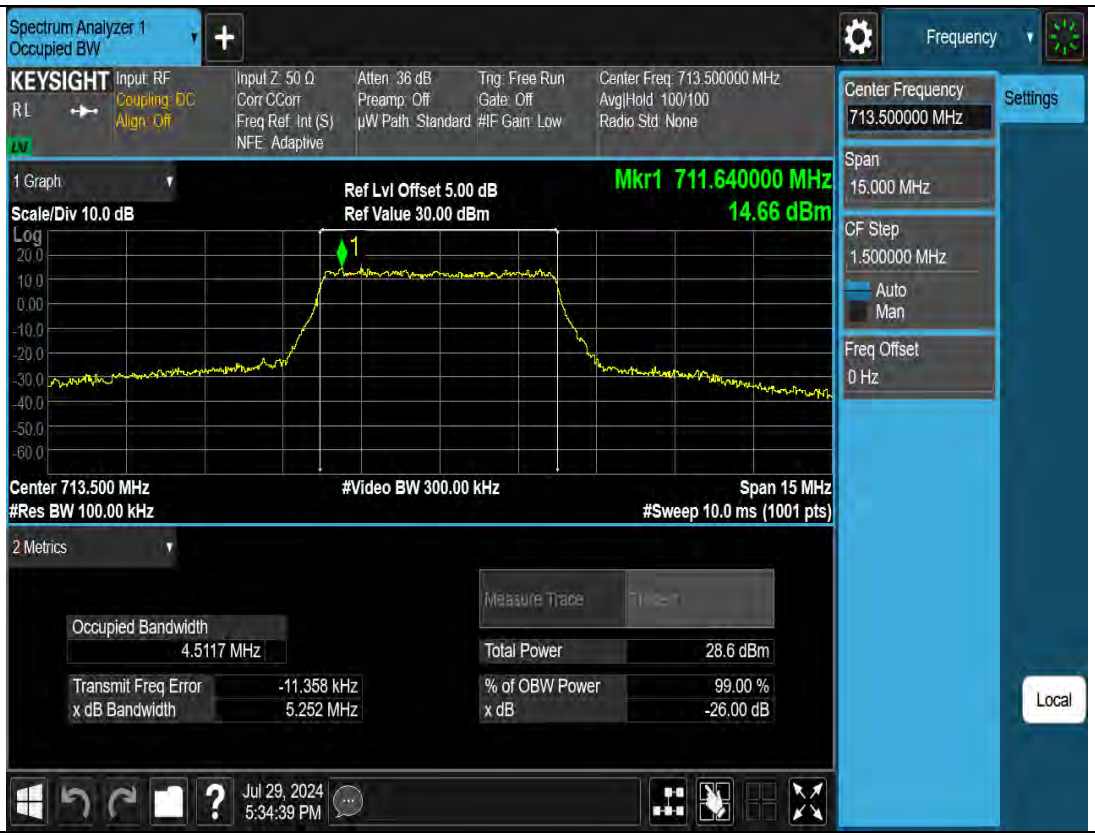
N12-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK

N12-5M-OBW-M-CP-OFDM-QPSK



N12-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK

N12-5M-OBW-H-CP-OFDM-QPSK

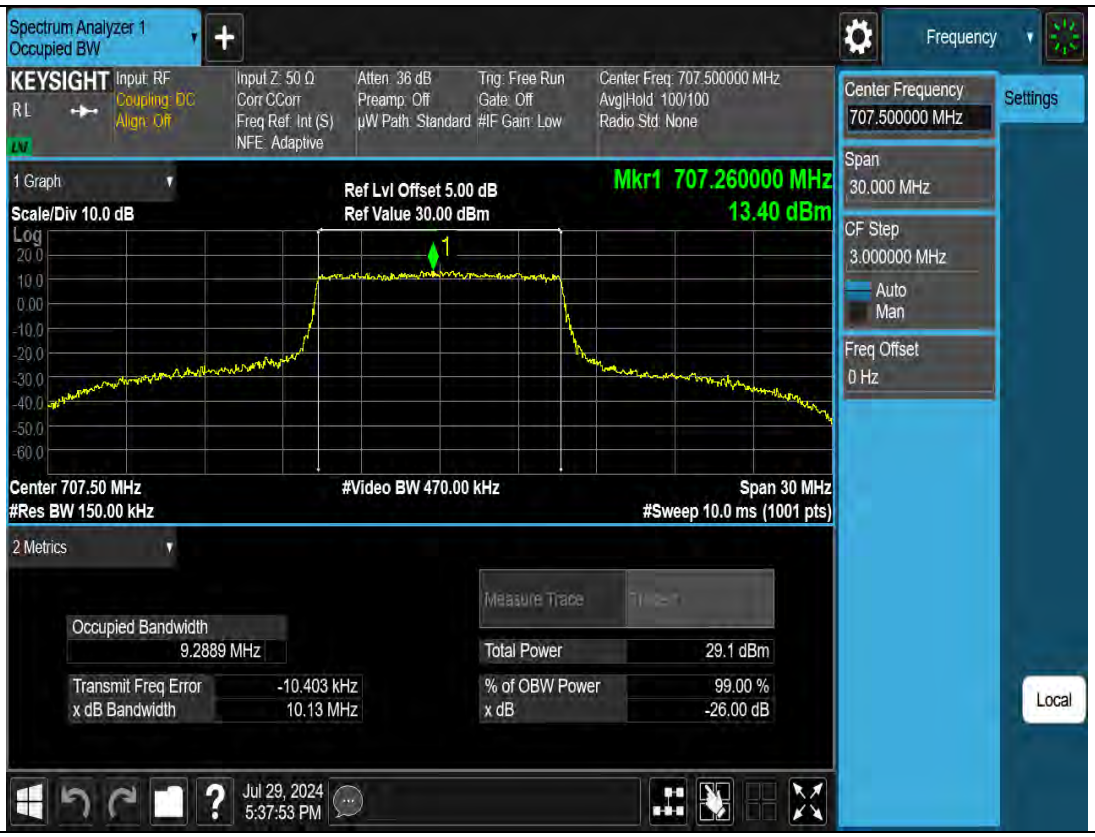


N12-10M-OBW-L-DFT-s-OFDM-Pi2 BPSK

N12-10M-OBW-L-CP-OFDM-QPSK

N12-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK

N12-10M-OBW-M-CP-OFDM-QPSK



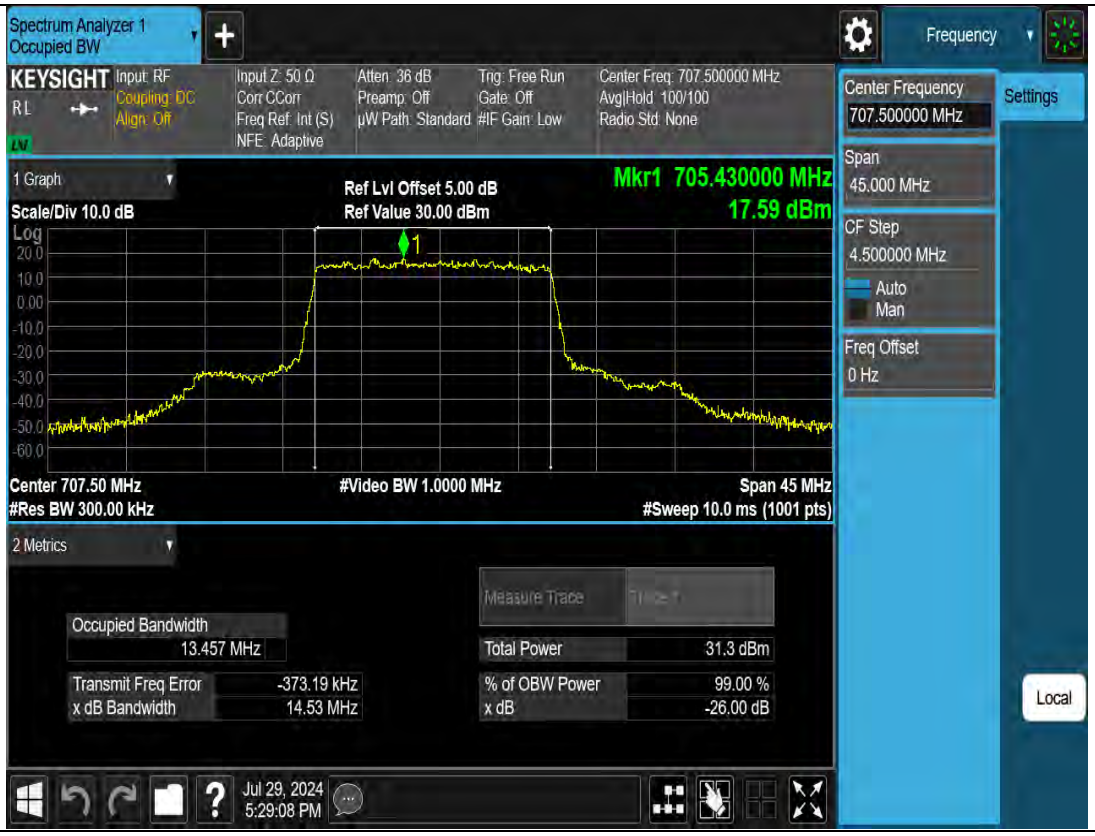
N12-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK

N12-10M-OBW-H-CP-OFDM-QPSK

N12-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK

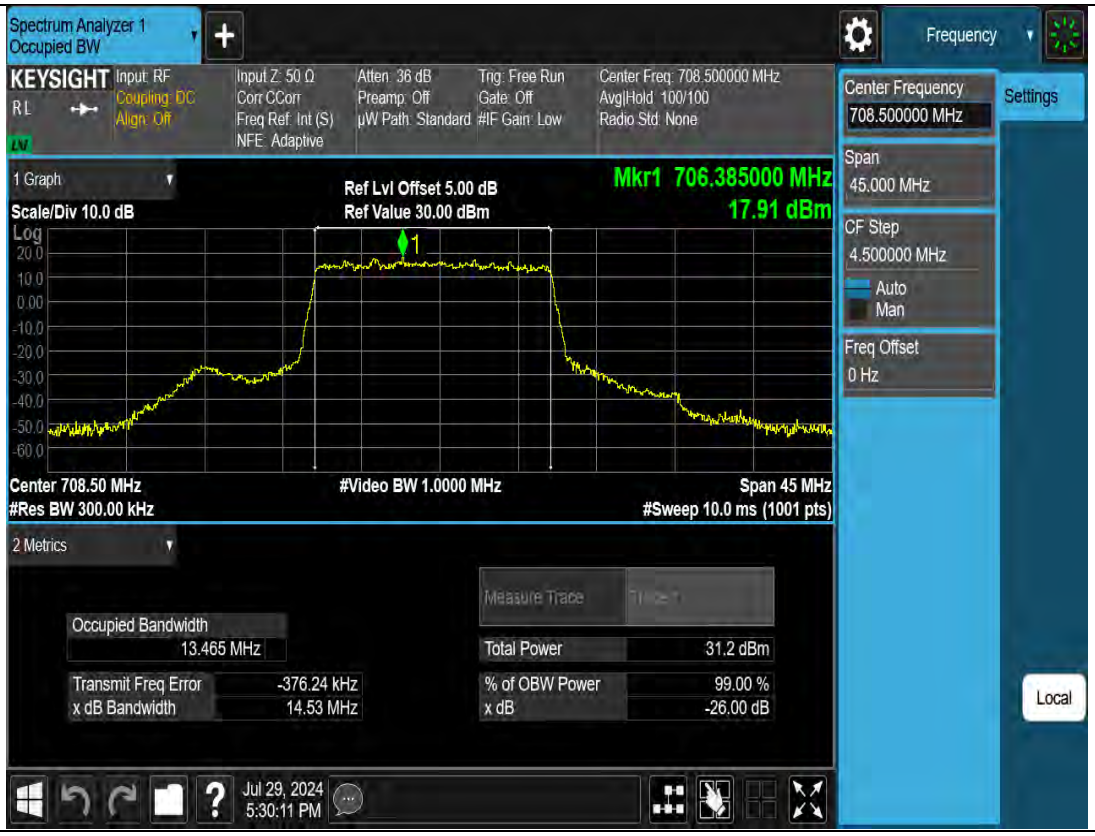
N12-15M-OBW-L-CP-OFDM-QPSK

N12-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK

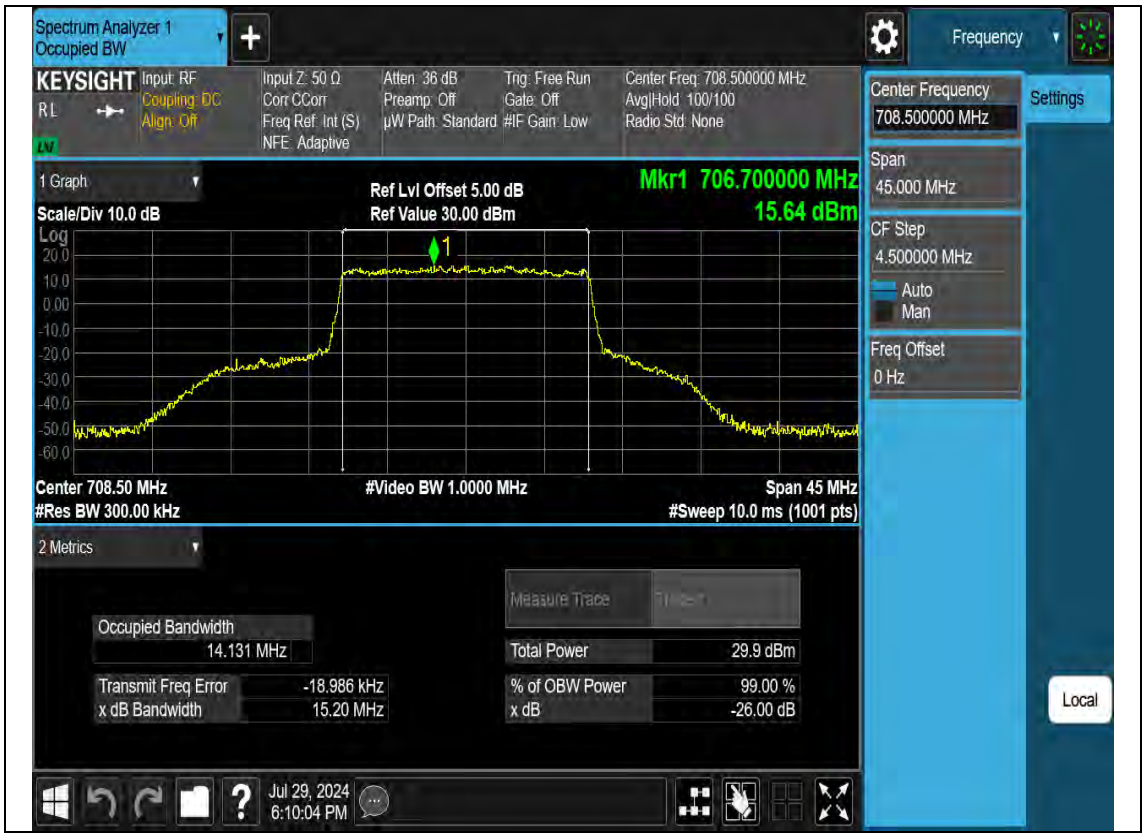


N12-15M-OBW-M-CP-OFDM-QPSK

N12-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N12-15M-OBW-H-CP-OFDM-QPSK


Spectrum Analyzer 1
Occupied BW
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Off
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
NFE: Adaptive
Atten: 36 dB
Preamp: Off
μW Path: Standard
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 708.500000 MHz
Avg|Hold: 100/100
Radio Std: None
Center Frequency
708.500000 MHz
Settings
Span
45.000 MHz
CF Step
4.500000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 5.00 dB
Ref Value 30.00 dBm
Mkr1 706.700000 MHz
15.64 dBm
Scale/Div 10.0 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 708.50 MHz
#Res BW 300.00 kHz
#Video BW 1.0000 MHz
Span 45 MHz
#Sweep 10.0 ms (1001 pts)
2 Metrics
Measure Trace
Occupied Bandwidth
14.131 MHz
Total Power
29.9 dBm
Transmit Freq Error
-18.986 kHz
% of OBW Power
99.00 %
x dB Bandwidth
15.20 MHz
x dB
-26.00 dB
Local
Jul 29, 2024
6:10:04 PM

Peak-Average Ratio

Test Result

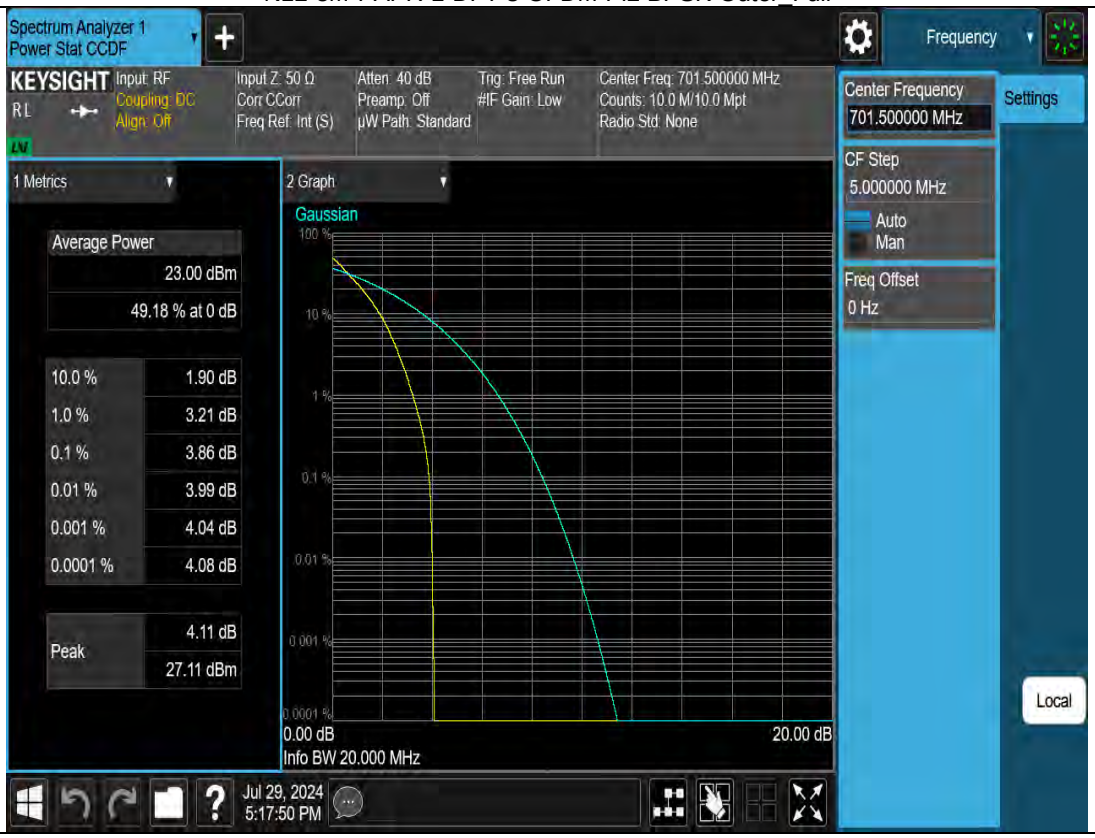
5G NR N12 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.86	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.89	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.8	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.32	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.05	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.43	<=13	Pass

5G NR N12 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.3	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.05	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.1	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.33	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.36	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.22	<=13	Pass

5G NR N12 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.16	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.41	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.08	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.24	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.01	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.27	<=13	Pass

Test Graph

N12-5M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N12-5M-PAPR-L-CP-OFDM-QPSK-Outer_Full

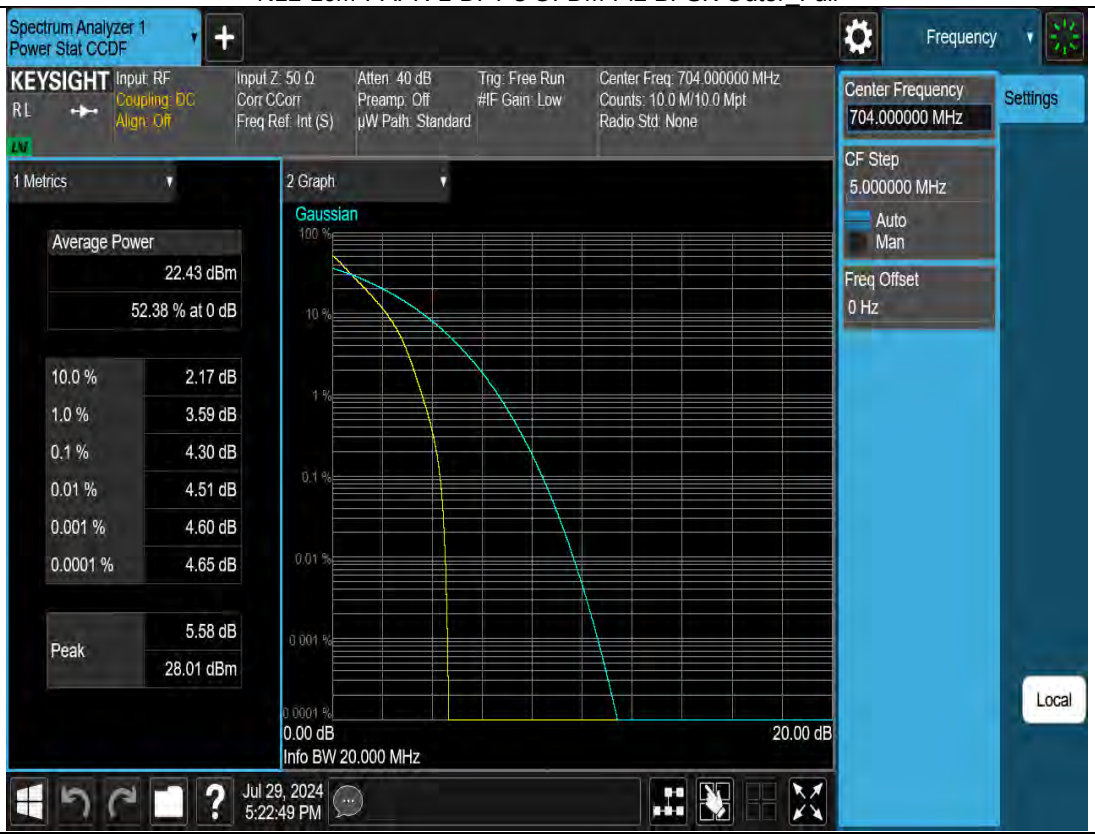
N12-5M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-5M-PAPR-M-CP-OFDM-QPSK-Outer_Full

N12-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-5M-PAPR-H-CP-OFDM-QPSK-Outer_Full

N12-10M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N12-10M-PAPR-L-CP-OFDM-QPSK-Outer_Full

N12-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full

N12-10M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-10M-PAPR-H-CP-OFDM-QPSK-Outer_Full

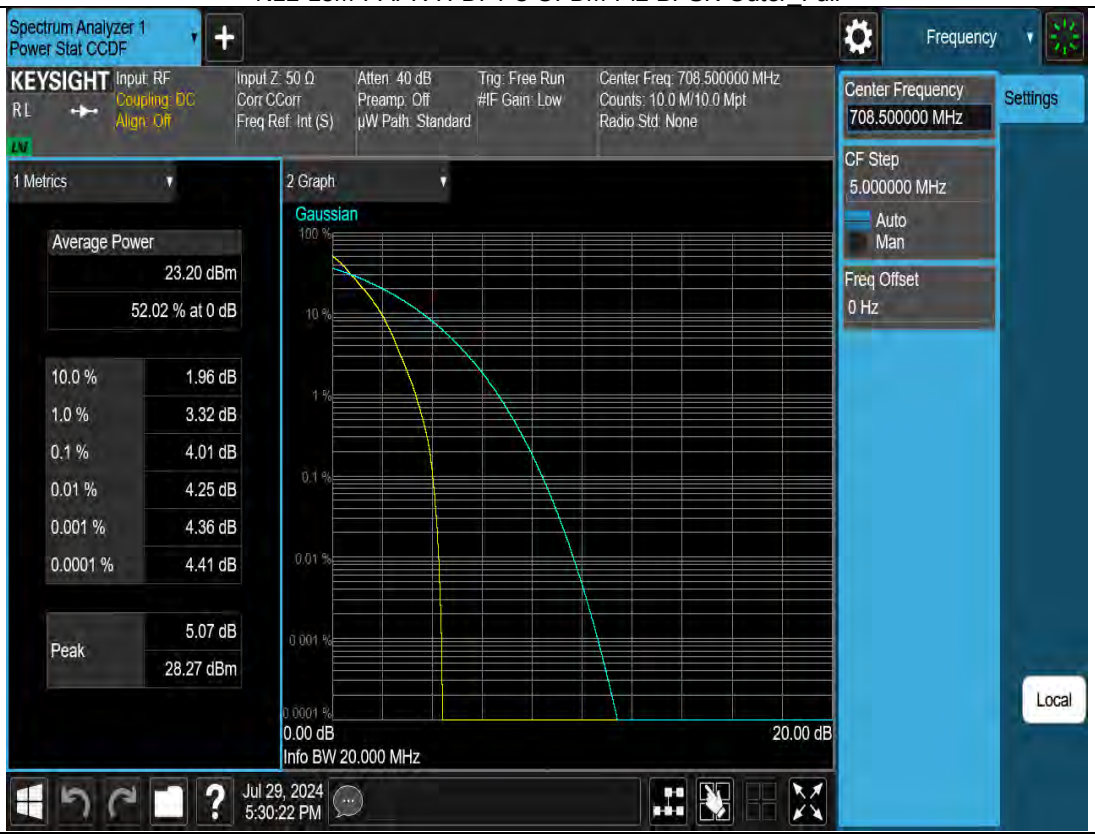
N12-15M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-15M-PAPR-L-CP-OFDM-QPSK-Outer_Full

N12-15M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-15M-PAPR-M-CP-OFDM-QPSK-Outer_Full

N12-15M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N12-15M-PAPR-H-CP-OFDM-QPSK-Outer_Full


Spectrum Analyzer 1
Power Stat CCDF
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Off
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
Atten: 40 dB
Preamp: Off
µW Path: Standard
Trig: Free Run
#IF Gain: Low
Center Freq: 708.500000 MHz
Counts: 10.0 M/10.0 Mpt
Radio Std: None
Center Frequency
708.500000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
2 Graph
Gaussian
Average Power
21.60 dBm
37.27 % at 0 dB
10.0 % 3.79 dB
1.0 % 6.55 dB
0.1 % 7.27 dB
0.01 % 7.45 dB
0.001 % 7.52 dB
0.0001 % 7.57 dB
Peak
8.57 dB
30.17 dBm
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 20.000 MHz
Jul 29, 2024
6:10:16 PM
Local

Bandedge

test graph

N12-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0

N12-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

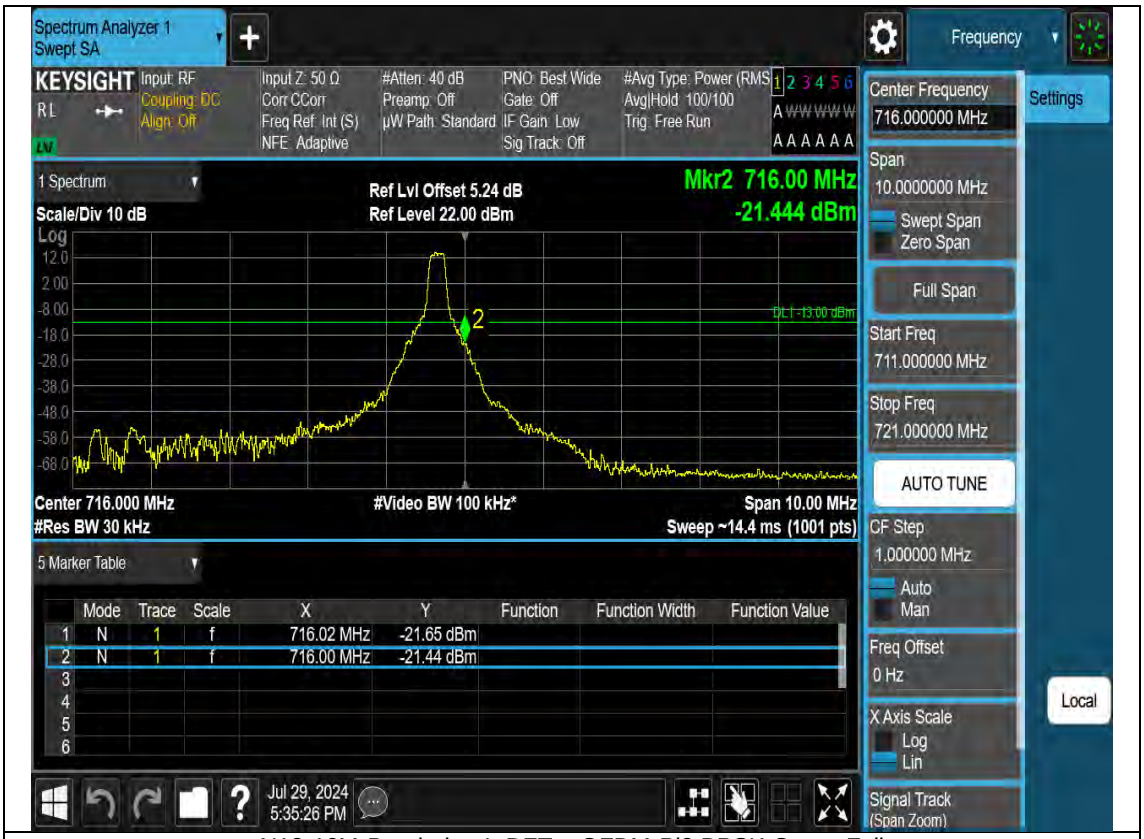
N12-5M-Bandedge-L-CP-OFDM-QPSK-1RB0

N12-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

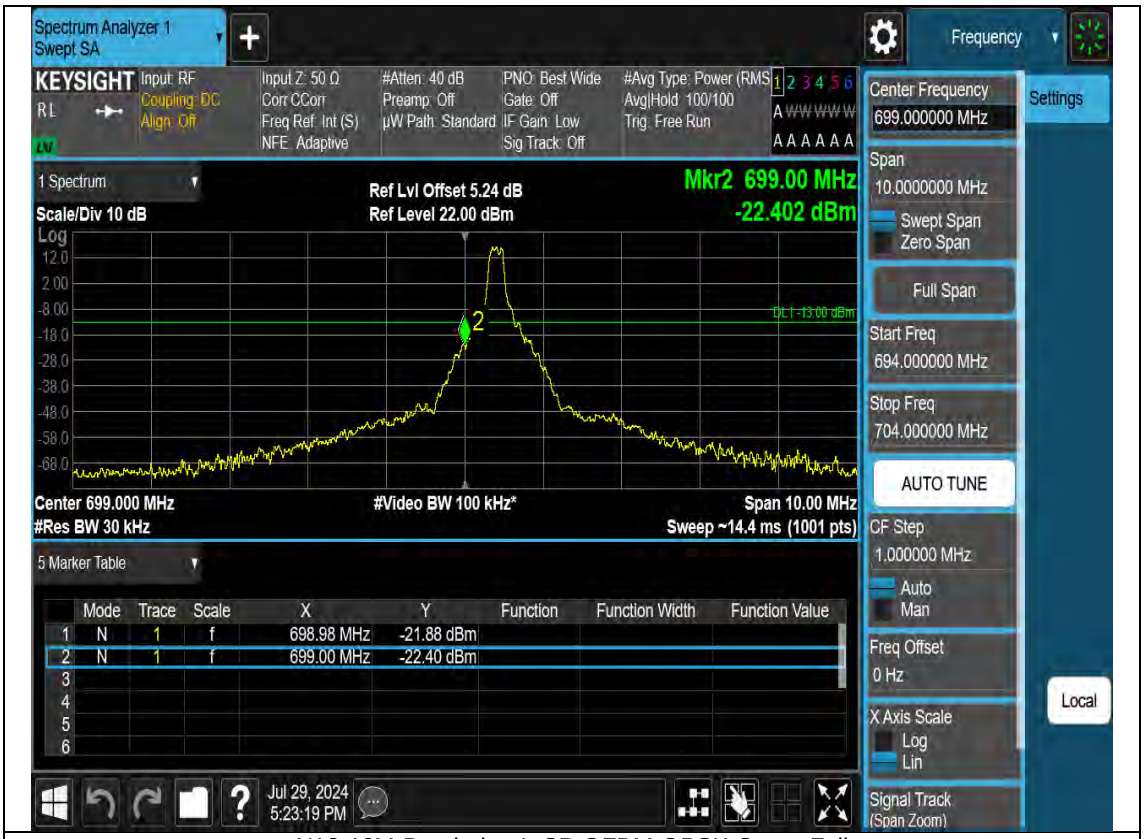
N12-5M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

N12-5M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



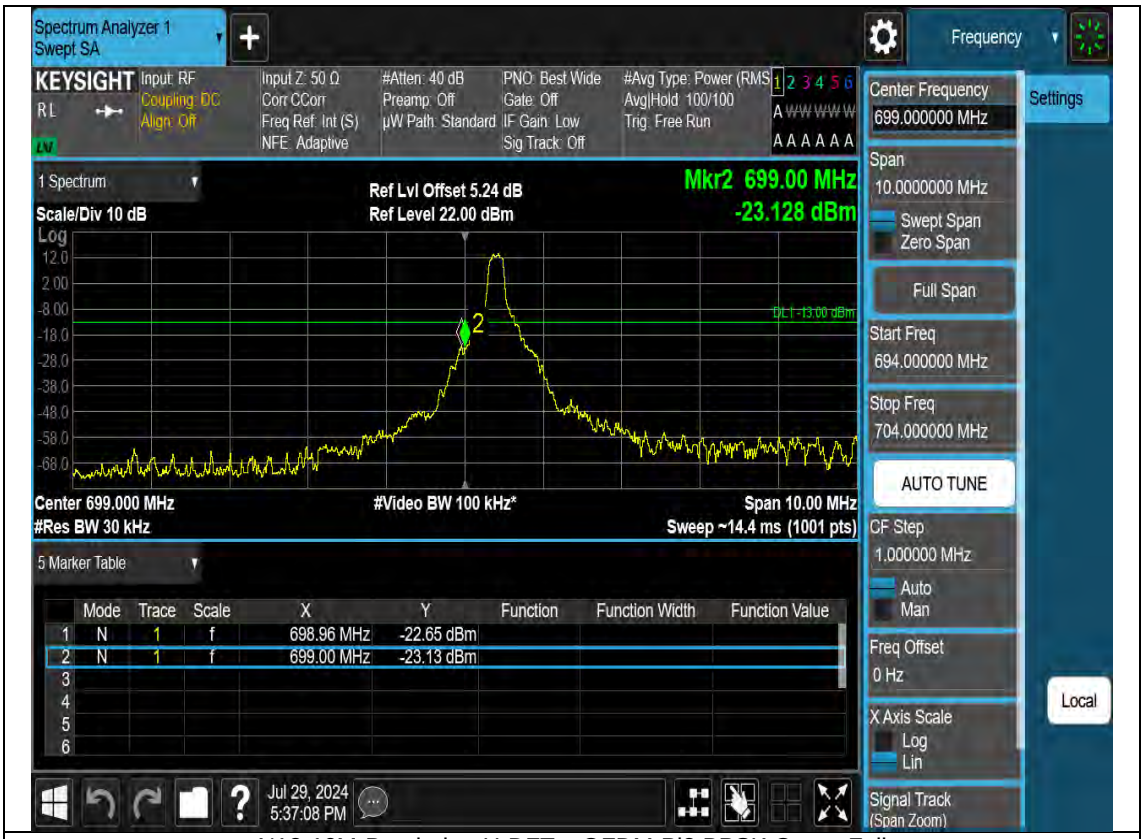
N12-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N12-10M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

N12-10M-Bandedge-L-CP-OFDM-QPSK-1RB0

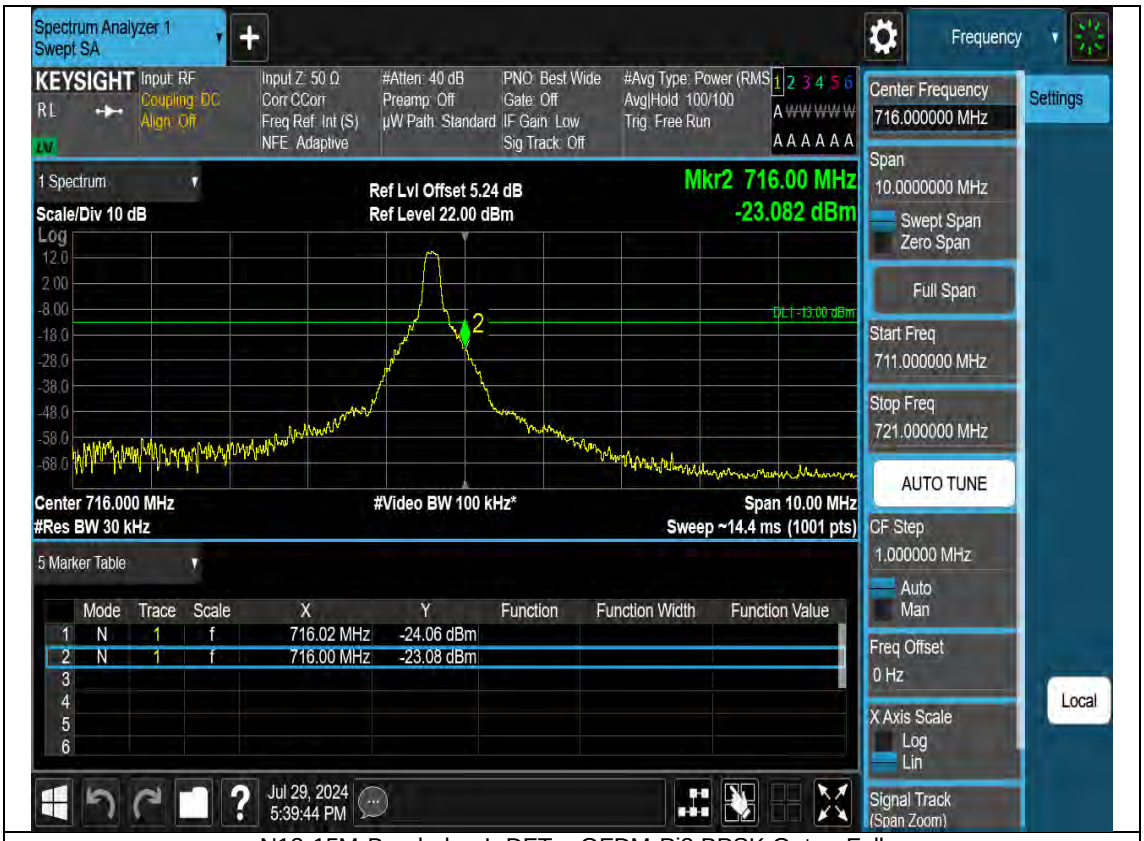


N12-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

N12-10M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

N12-10M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX

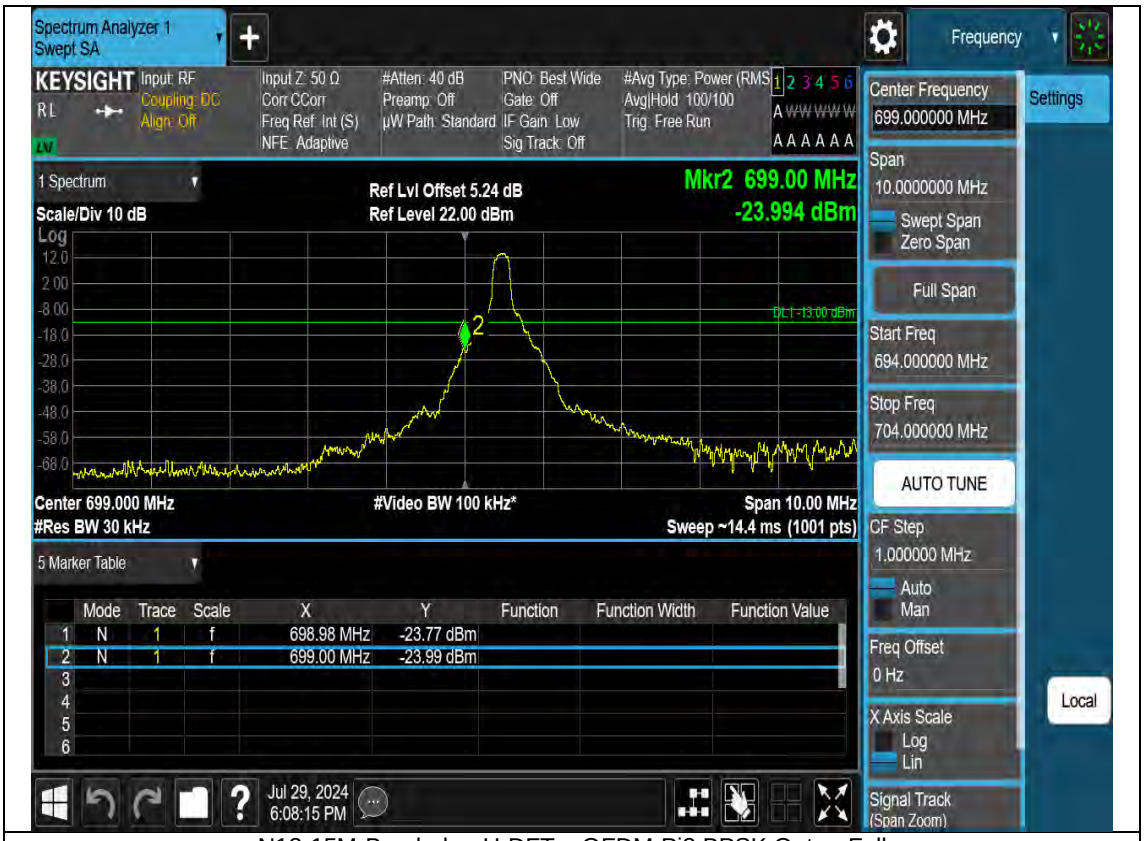


N12-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0

N12-15M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

N12-15M-Bandedge-L-CP-OFDM-QPSK-1RB0



N12-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N12-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

N12-15M-Bandedge-H-CP-OFDM-QPSK-Outer_Full

N12-15M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX


Spectrum Analyzer 1
Swept SA
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Off
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 40 dB
Preamp: Off
µW Path: Standard
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
1 Spectrum
Ref Lvl Offset 5.24 dB
Ref Level 22.00 dBm
Mkr2 716.00 MHz
-26.203 dBm
Scale/Div 10 dB
Log
12.0
2.00
-8.00
-18.0
-28.0
-38.0
-48.0
-58.0
-68.0
D1 -13.00 dBm
Center 716.000 MHz
#Res BW 30 kHz
#Video BW 100 kHz*
Span 10.00 MHz
Sweep ~14.4 ms (1001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 716.02 MHz -27.26 dBm
2 N 1 f 716.00 MHz -26.20 dBm
3
4
5
6
Jul 29, 2024
6:14:42 PM
Center Frequency
716.000000 MHz
Span
10.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
711.000000 MHz
Stop Freq
721.000000 MHz
AUTO TUNE
CF Step
1.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local

Conducted spurious emissions

test graph

N12-5M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz


N12-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-5M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-10M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz

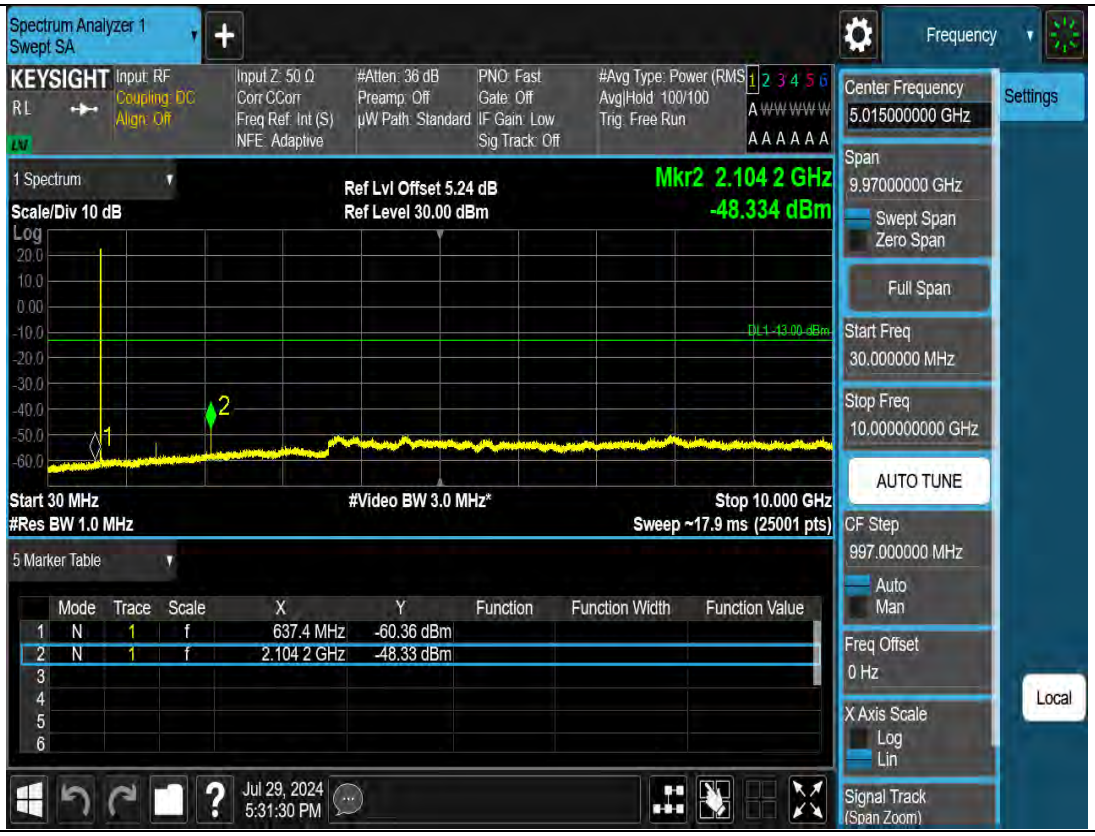
N12-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-15M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz

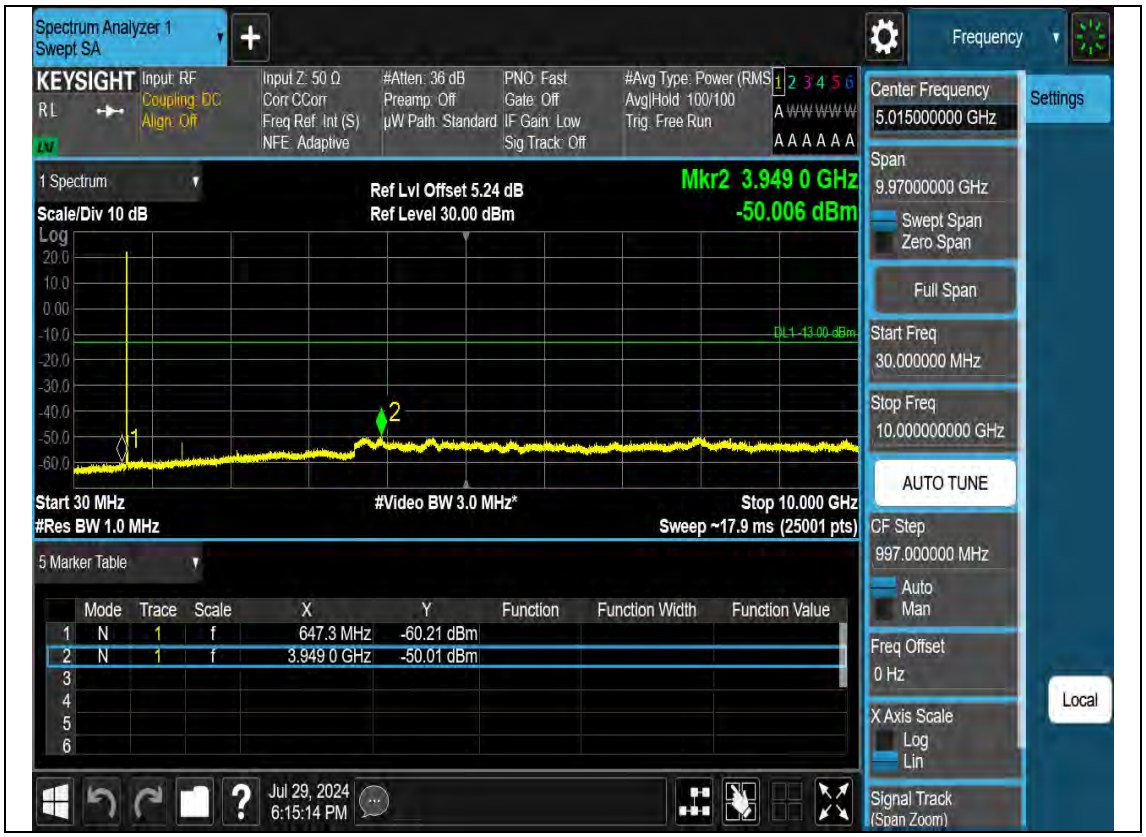
N12-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz

N12-15M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz

N12-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N12-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz


Spectrum Analyzer 1
Swept SA
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Off
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
NFE: Adaptive
#Atten: 36 dB
Preamp: Off
µW Path: Standard
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 100/100
Trig: Free Run
1 Spectrum
Ref Lvl Offset 5.24 dB
Ref Level 30.00 dBm
Mkr2 3.949 0 GHz
-50.006 dBm
Scale/Div 10 dB
Log
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
D1: -13.00 dBm
Start 30 MHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 10.000 GHz
Sweep ~17.9 ms (25001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 647.3 MHz -60.21 dBm
2 N 1 f 3.949 0 GHz -50.01 dBm
3
4
5
6
Jul 29, 2024
6:15:14 PM
Center Frequency
5.015000000 GHz
Span
9.97000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
30.000000 MHz
Stop Freq
10.000000000 GHz
AUTO TUNE
CF Step
997.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local

Effective (Isotropic) Radiated Power Output Data

Band width	Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	ERP(dBm)	Limit	Verdict	Gain
5MHz	DFT-s-OFDM PI/2 BPSK	701.5MHz	Edge_Full_Left	23.3	22.76	34.77	Pass	1.61
			Edge_Full_Right	23.21	22.67	34.77	Pass	1.61
			Edge_1RB_Left	23.08	22.54	34.77	Pass	1.61
			Edge_1RB_Right	23.01	22.47	34.77	Pass	1.61
			Outer_Full	23.32	22.78	34.77	Pass	1.61
			Inner_Full	23.51	22.97	34.77	Pass	1.61
			Inner_1RB_Left	23.25	22.71	34.77	Pass	1.61
			Inner_1RB_Right	23.35	22.81	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.9	22.36	34.77	Pass	1.61
			Edge_Full_Right	22.86	22.32	34.77	Pass	1.61
			Edge_1RB_Left	22.66	22.12	34.77	Pass	1.61
			Edge_1RB_Right	22.66	22.12	34.77	Pass	1.61
			Outer_Full	22.78	22.24	34.77	Pass	1.61
			Inner_Full	23.36	22.82	34.77	Pass	1.61
			Inner_1RB_Left	23.32	22.78	34.77	Pass	1.61
			Inner_1RB_Right	23.33	22.79	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.72	21.18	34.77	Pass	1.61
			Edge_Full_Right	21.74	21.2	34.77	Pass	1.61
			Edge_1RB_Left	21.7	21.16	34.77	Pass	1.61
			Edge_1RB_Right	21.63	21.09	34.77	Pass	1.61
			Outer_Full	21.99	21.45	34.77	Pass	1.61
			Inner_Full	22.79	22.25	34.77	Pass	1.61
			Inner_1RB_Left	22.38	21.84	34.77	Pass	1.61
			Inner_1RB_Right	22.54	22	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.59	21.05	34.77	Pass	1.61
			Edge_Full_Right	21.64	21.1	34.77	Pass	1.61
			Edge_1RB_Left	21.37	20.83	34.77	Pass	1.61
			Edge_1RB_Right	21.31	20.77	34.77	Pass	1.61
			Outer_Full	21.54	21	34.77	Pass	1.61
			Inner_Full	21.22	20.68	34.77	Pass	1.61
			Inner_1RB_Left	21.53	20.99	34.77	Pass	1.61
			Inner_1RB_Right	21.46	20.92	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.45	18.91	34.77	Pass	1.61
			Edge_Full_Right	19.44	18.9	34.77	Pass	1.61
			Edge_1RB_Left	19.12	18.58	34.77	Pass	1.61
			Edge_1RB_Right	19.23	18.69	34.77	Pass	1.61
			Outer_Full	19.37	18.83	34.77	Pass	1.61
			Inner_Full	19.21	18.67	34.77	Pass	1.61
			Inner_1RB_Left	19.06	18.52	34.77	Pass	1.61
			Inner_1RB_Right	19.23	18.69	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	20.65	20.11	34.77	Pass	1.61

			Edge_Full_Right	20.9	20.36	34.77	Pass	1.61
			Edge_1RB_Left	20.83	20.29	34.77	Pass	1.61
			Edge_1RB_Right	20.8	20.26	34.77	Pass	1.61
			Outer_Full	20.83	20.29	34.77	Pass	1.61
			Inner_Full	22.36	21.82	34.77	Pass	1.61
			Inner_1RB_Left	22.27	21.73	34.77	Pass	1.61
			Inner_1RB_Right	22.06	21.52	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.46	19.92	34.77	Pass	1.61
			Edge_Full_Right	20.53	19.99	34.77	Pass	1.61
			Edge_1RB_Left	21.46	20.92	34.77	Pass	1.61
			Edge_1RB_Right	21.26	20.72	34.77	Pass	1.61
			Outer_Full	20.83	20.29	34.77	Pass	1.61
			Inner_Full	21.82	21.28	34.77	Pass	1.61
			Inner_1RB_Left	22.24	21.7	34.77	Pass	1.61
			Inner_1RB_Right	22.45	21.91	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.97	19.43	34.77	Pass	1.61
			Edge_Full_Right	19.95	19.41	34.77	Pass	1.61
			Edge_1RB_Left	20.13	19.59	34.77	Pass	1.61
			Edge_1RB_Right	20.11	19.57	34.77	Pass	1.61
			Outer_Full	20.43	19.89	34.77	Pass	1.61
			Inner_Full	20.26	19.72	34.77	Pass	1.61
			Inner_1RB_Left	19.98	19.44	34.77	Pass	1.61
			Inner_1RB_Right	19.91	19.37	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.59	17.05	34.77	Pass	1.61
			Edge_Full_Right	17.55	17.01	34.77	Pass	1.61
			Edge_1RB_Left	17.88	17.34	34.77	Pass	1.61
			Edge_1RB_Right	17.74	17.2	34.77	Pass	1.61
			Outer_Full	17.28	16.74	34.77	Pass	1.61
			Inner_Full	16.99	16.45	34.77	Pass	1.61
			Inner_1RB_Left	17.82	17.28	34.77	Pass	1.61
			Inner_1RB_Right	17.82	17.28	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK	707.5MHz	Edge_Full_Left	23.12	22.58	34.77	Pass	1.61
			Edge_Full_Right	23.28	22.74	34.77	Pass	1.61
			Edge_1RB_Left	22.97	22.43	34.77	Pass	1.61
			Edge_1RB_Right	22.94	22.4	34.77	Pass	1.61
			Outer_Full	23.47	22.93	34.77	Pass	1.61
			Inner_Full	23.38	22.84	34.77	Pass	1.61
			Inner_1RB_Left	23.26	22.72	34.77	Pass	1.61
			Inner_1RB_Right	23.31	22.77	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.81	22.27	34.77	Pass	1.61
			Edge_Full_Right	22.7	22.16	34.77	Pass	1.61
			Edge_1RB_Left	22.79	22.25	34.77	Pass	1.61
			Edge_1RB_Right	22.79	22.25	34.77	Pass	1.61
			Outer_Full	22.83	22.29	34.77	Pass	1.61
			Inner_Full	23.35	22.81	34.77	Pass	1.61

			Inner_1RB_Left	23.32	22.78	34.77	Pass	1.61
			Inner_1RB_Right	23.27	22.73	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.68	21.14	34.77	Pass	1.61
			Edge_Full_Right	21.64	21.1	34.77	Pass	1.61
			Edge_1RB_Left	21.49	20.95	34.77	Pass	1.61
			Edge_1RB_Right	21.67	21.13	34.77	Pass	1.61
			Outer_Full	21.93	21.39	34.77	Pass	1.61
			Inner_Full	22.74	22.2	34.77	Pass	1.61
			Inner_1RB_Left	22.39	21.85	34.77	Pass	1.61
			Inner_1RB_Right	22.42	21.88	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.51	20.97	34.77	Pass	1.61
			Edge_Full_Right	21.6	21.06	34.77	Pass	1.61
			Edge_1RB_Left	21.4	20.86	34.77	Pass	1.61
			Edge_1RB_Right	21.47	20.93	34.77	Pass	1.61
			Outer_Full	21.43	20.89	34.77	Pass	1.61
			Inner_Full	21.25	20.71	34.77	Pass	1.61
			Inner_1RB_Left	21.34	20.8	34.77	Pass	1.61
			Inner_1RB_Right	21.43	20.89	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.54	19	34.77	Pass	1.61
			Edge_Full_Right	19.51	18.97	34.77	Pass	1.61
			Edge_1RB_Left	19.24	18.7	34.77	Pass	1.61
			Edge_1RB_Right	19.31	18.77	34.77	Pass	1.61
			Outer_Full	19.3	18.76	34.77	Pass	1.61
			Inner_Full	19.23	18.69	34.77	Pass	1.61
			Inner_1RB_Left	19.35	18.81	34.77	Pass	1.61
			Inner_1RB_Right	19.37	18.83	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	20.77	20.23	34.77	Pass	1.61
			Edge_Full_Right	20.9	20.36	34.77	Pass	1.61
			Edge_1RB_Left	20.39	19.85	34.77	Pass	1.61
			Edge_1RB_Right	20.46	19.92	34.77	Pass	1.61
			Outer_Full	20.91	20.37	34.77	Pass	1.61
			Inner_Full	22.3	21.76	34.77	Pass	1.61
			Inner_1RB_Left	22.09	21.55	34.77	Pass	1.61
			Inner_1RB_Right	22.26	21.72	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.71	20.17	34.77	Pass	1.61
			Edge_Full_Right	20.6	20.06	34.77	Pass	1.61
			Edge_1RB_Left	20.97	20.43	34.77	Pass	1.61
			Edge_1RB_Right	20.98	20.44	34.77	Pass	1.61
			Outer_Full	20.89	20.35	34.77	Pass	1.61
			Inner_Full	21.91	21.37	34.77	Pass	1.61
			Inner_1RB_Left	21.87	21.33	34.77	Pass	1.61
			Inner_1RB_Right	21.94	21.4	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.88	19.34	34.77	Pass	1.61
			Edge_Full_Right	20.04	19.5	34.77	Pass	1.61
			Edge_1RB_Left	20.35	19.81	34.77	Pass	1.61

			Edge_1RB_Right	20.22	19.68	34.77	Pass	1.61
			Outer_Full	20.55	20.01	34.77	Pass	1.61
			Inner_Full	20.31	19.77	34.77	Pass	1.61
			Inner_1RB_Left	20.11	19.57	34.77	Pass	1.61
			Inner_1RB_Right	20.24	19.7	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.46	16.92	34.77	Pass	1.61
			Edge_Full_Right	17.51	16.97	34.77	Pass	1.61
			Edge_1RB_Left	17.78	17.24	34.77	Pass	1.61
			Edge_1RB_Right	17.94	17.4	34.77	Pass	1.61
			Outer_Full	17.31	16.77	34.77	Pass	1.61
			Inner_Full	17.11	16.57	34.77	Pass	1.61
			Inner_1RB_Left	17.71	17.17	34.77	Pass	1.61
			Inner_1RB_Right	18.06	17.52	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK	713.5MHz	Edge_Full_Left	23.25	22.71	34.77	Pass	1.61
			Edge_Full_Right	23.41	22.87	34.77	Pass	1.61
			Edge_1RB_Left	23.05	22.51	34.77	Pass	1.61
			Edge_1RB_Right	23.23	22.69	34.77	Pass	1.61
			Outer_Full	23.5	22.96	34.77	Pass	1.61
			Inner_Full	23.63	23.09	34.77	Pass	1.61
			Inner_1RB_Left	23.42	22.88	34.77	Pass	1.61
			Inner_1RB_Right	23.42	22.88	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.78	22.24	34.77	Pass	1.61
			Edge_Full_Right	22.1	21.56	34.77	Pass	1.61
			Edge_1RB_Left	22.69	22.15	34.77	Pass	1.61
			Edge_1RB_Right	22.01	21.47	34.77	Pass	1.61
			Outer_Full	22.7	22.16	34.77	Pass	1.61
			Inner_Full	23.6	23.06	34.77	Pass	1.61
			Inner_1RB_Left	23.34	22.8	34.77	Pass	1.61
			Inner_1RB_Right	22.94	22.4	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.66	21.12	34.77	Pass	1.61
			Edge_Full_Right	20.94	20.4	34.77	Pass	1.61
			Edge_1RB_Left	21.64	21.1	34.77	Pass	1.61
			Edge_1RB_Right	20.86	20.32	34.77	Pass	1.61
			Outer_Full	21.71	21.17	34.77	Pass	1.61
			Inner_Full	22.63	22.09	34.77	Pass	1.61
			Inner_1RB_Left	22.44	21.9	34.77	Pass	1.61
			Inner_1RB_Right	21.84	21.3	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.46	20.92	34.77	Pass	1.61
			Edge_Full_Right	20.73	20.19	34.77	Pass	1.61
			Edge_1RB_Left	21.12	20.58	34.77	Pass	1.61
			Edge_1RB_Right	20.44	19.9	34.77	Pass	1.61
			Outer_Full	21.2	20.66	34.77	Pass	1.61
			Inner_Full	21.06	20.52	34.77	Pass	1.61
			Inner_1RB_Left	21.17	20.63	34.77	Pass	1.61
			Inner_1RB_Right	20.45	19.91	34.77	Pass	1.61

	DFT-s-OFDM 256QAM		Edge_Full_Left	19.55	19.01	34.77	Pass	1.61
			Edge_Full_Right	18.94	18.4	34.77	Pass	1.61
			Edge_1RB_Left	19.56	19.02	34.77	Pass	1.61
			Edge_1RB_Right	18.98	18.44	34.77	Pass	1.61
			Outer_Full	19.42	18.88	34.77	Pass	1.61
			Inner_Full	19.39	18.85	34.77	Pass	1.61
			Inner_1RB_Left	19.53	18.99	34.77	Pass	1.61
			Inner_1RB_Right	18.99	18.45	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	21.18	20.64	34.77	Pass	1.61
			Edge_Full_Right	20.71	20.17	34.77	Pass	1.61
			Edge_1RB_Left	20.78	20.24	34.77	Pass	1.61
			Edge_1RB_Right	20.76	20.22	34.77	Pass	1.61
			Outer_Full	20.91	20.37	34.77	Pass	1.61
			Inner_Full	21.94	21.4	34.77	Pass	1.61
			Inner_1RB_Left	22.31	21.77	34.77	Pass	1.61
			Inner_1RB_Right	21.46	20.92	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.8	20.26	34.77	Pass	1.61
			Edge_Full_Right	20.49	19.95	34.77	Pass	1.61
			Edge_1RB_Left	21.01	20.47	34.77	Pass	1.61
			Edge_1RB_Right	20.97	20.43	34.77	Pass	1.61
			Outer_Full	21.03	20.49	34.77	Pass	1.61
			Inner_Full	21.67	21.13	34.77	Pass	1.61
			Inner_1RB_Left	22	21.46	34.77	Pass	1.61
			Inner_1RB_Right	21.22	20.68	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	20.12	19.58	34.77	Pass	1.61
			Edge_Full_Right	20.36	19.82	34.77	Pass	1.61
			Edge_1RB_Left	20.49	19.95	34.77	Pass	1.61
			Edge_1RB_Right	20.53	19.99	34.77	Pass	1.61
			Outer_Full	20.74	20.2	34.77	Pass	1.61
			Inner_Full	20.48	19.94	34.77	Pass	1.61
			Inner_1RB_Left	20.32	19.78	34.77	Pass	1.61
			Inner_1RB_Right	20.39	19.85	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.92	17.38	34.77	Pass	1.61
			Edge_Full_Right	17.86	17.32	34.77	Pass	1.61
			Edge_1RB_Left	18.09	17.55	34.77	Pass	1.61
			Edge_1RB_Right	18.04	17.5	34.77	Pass	1.61
			Outer_Full	17.6	17.06	34.77	Pass	1.61
			Inner_Full	17.3	16.76	34.77	Pass	1.61
			Inner_1RB_Left	17.98	17.44	34.77	Pass	1.61
			Inner_1RB_Right	17.91	17.37	34.77	Pass	1.61
10MHz	DFT-s-OFDM PI/2 BPSK	704MHz	Edge_Full_Left	23.1	22.56	34.77	Pass	1.61
			Edge_Full_Right	23.06	22.52	34.77	Pass	1.61
			Edge_1RB_Left	22.89	22.35	34.77	Pass	1.61
			Edge_1RB_Right	22.94	22.4	34.77	Pass	1.61
			Outer_Full	23.15	22.61	34.77	Pass	1.61

			Inner_Full	23.26	22.72	34.77	Pass	1.61
			Inner_1RB_Left	23.09	22.55	34.77	Pass	1.61
			Inner_1RB_Right	23.09	22.55	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.68	22.14	34.77	Pass	1.61
			Edge_Full_Right	22.73	22.19	34.77	Pass	1.61
			Edge_1RB_Left	22.59	22.05	34.77	Pass	1.61
			Edge_1RB_Right	22.47	21.93	34.77	Pass	1.61
			Outer_Full	22.7	22.16	34.77	Pass	1.61
			Inner_Full	23.24	22.7	34.77	Pass	1.61
			Inner_1RB_Left	23.08	22.54	34.77	Pass	1.61
			Inner_1RB_Right	23.09	22.55	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.59	21.05	34.77	Pass	1.61
			Edge_Full_Right	21.5	20.96	34.77	Pass	1.61
			Edge_1RB_Left	21.39	20.85	34.77	Pass	1.61
			Edge_1RB_Right	21.43	20.89	34.77	Pass	1.61
			Outer_Full	21.7	21.16	34.77	Pass	1.61
			Inner_Full	22.69	22.15	34.77	Pass	1.61
			Inner_1RB_Left	22.3	21.76	34.77	Pass	1.61
			Inner_1RB_Right	22.23	21.69	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.34	20.8	34.77	Pass	1.61
			Edge_Full_Right	21.39	20.85	34.77	Pass	1.61
			Edge_1RB_Left	21.32	20.78	34.77	Pass	1.61
			Edge_1RB_Right	21.16	20.62	34.77	Pass	1.61
			Outer_Full	21.3	20.76	34.77	Pass	1.61
			Inner_Full	21.05	20.51	34.77	Pass	1.61
			Inner_1RB_Left	21.3	20.76	34.77	Pass	1.61
			Inner_1RB_Right	21.28	20.74	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.35	18.81	34.77	Pass	1.61
			Edge_Full_Right	19.33	18.79	34.77	Pass	1.61
			Edge_1RB_Left	19.03	18.49	34.77	Pass	1.61
			Edge_1RB_Right	19.06	18.52	34.77	Pass	1.61
			Outer_Full	19.16	18.62	34.77	Pass	1.61
			Inner_Full	19	18.46	34.77	Pass	1.61
			Inner_1RB_Left	18.99	18.45	34.77	Pass	1.61
			Inner_1RB_Right	19.03	18.49	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	20.55	20.01	34.77	Pass	1.61
			Edge_Full_Right	20.76	20.22	34.77	Pass	1.61
			Edge_1RB_Left	20.72	20.18	34.77	Pass	1.61
			Edge_1RB_Right	20.61	20.07	34.77	Pass	1.61
			Outer_Full	20.64	20.1	34.77	Pass	1.61
			Inner_Full	22.16	21.62	34.77	Pass	1.61
			Inner_1RB_Left	22.07	21.53	34.77	Pass	1.61
			Inner_1RB_Right	21.95	21.41	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.29	19.75	34.77	Pass	1.61
			Edge_Full_Right	20.29	19.75	34.77	Pass	1.61

			Edge_1RB_Left	21.27	20.73	34.77	Pass	1.61
			Edge_1RB_Right	21.03	20.49	34.77	Pass	1.61
			Outer_Full	20.64	20.1	34.77	Pass	1.61
			Inner_Full	21.66	21.12	34.77	Pass	1.61
			Inner_1RB_Left	22.06	21.52	34.77	Pass	1.61
			Inner_1RB_Right	22.25	21.71	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.7	19.16	34.77	Pass	1.61
			Edge_Full_Right	19.78	19.24	34.77	Pass	1.61
			Edge_1RB_Left	19.96	19.42	34.77	Pass	1.61
			Edge_1RB_Right	19.99	19.45	34.77	Pass	1.61
			Outer_Full	20.29	19.75	34.77	Pass	1.61
			Inner_Full	20.15	19.61	34.77	Pass	1.61
			Inner_1RB_Left	19.81	19.27	34.77	Pass	1.61
			Inner_1RB_Right	19.87	19.33	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.41	16.87	34.77	Pass	1.61
			Edge_Full_Right	17.36	16.82	34.77	Pass	1.61
			Edge_1RB_Left	17.77	17.23	34.77	Pass	1.61
			Edge_1RB_Right	17.7	17.16	34.77	Pass	1.61
			Outer_Full	17.18	16.64	34.77	Pass	1.61
			Inner_Full	16.78	16.24	34.77	Pass	1.61
			Inner_1RB_Left	17.67	17.13	34.77	Pass	1.61
			Inner_1RB_Right	17.74	17.2	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK	707.5MHz	Edge_Full_Left	22.99	22.45	34.77	Pass	1.61
			Edge_Full_Right	23.09	22.55	34.77	Pass	1.61
			Edge_1RB_Left	22.93	22.39	34.77	Pass	1.61
			Edge_1RB_Right	22.89	22.35	34.77	Pass	1.61
			Outer_Full	23.23	22.69	34.77	Pass	1.61
			Inner_Full	23.28	22.74	34.77	Pass	1.61
			Inner_1RB_Left	23.02	22.48	34.77	Pass	1.61
			Inner_1RB_Right	23.26	22.72	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.63	22.09	34.77	Pass	1.61
			Edge_Full_Right	22.68	22.14	34.77	Pass	1.61
			Edge_1RB_Left	22.57	22.03	34.77	Pass	1.61
			Edge_1RB_Right	22.51	21.97	34.77	Pass	1.61
			Outer_Full	22.64	22.1	34.77	Pass	1.61
			Inner_Full	23.15	22.61	34.77	Pass	1.61
			Inner_1RB_Left	23.07	22.53	34.77	Pass	1.61
			Inner_1RB_Right	23.05	22.51	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.54	21	34.77	Pass	1.61
			Edge_Full_Right	21.47	20.93	34.77	Pass	1.61
			Edge_1RB_Left	21.37	20.83	34.77	Pass	1.61
			Edge_1RB_Right	21.48	20.94	34.77	Pass	1.61
			Outer_Full	21.74	21.2	34.77	Pass	1.61
			Inner_Full	22.68	22.14	34.77	Pass	1.61
			Inner_1RB_Left	22.27	21.73	34.77	Pass	1.61

			Inner_1RB_Right	22.21	21.67	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.26	20.72	34.77	Pass	1.61
			Edge_Full_Right	21.4	20.86	34.77	Pass	1.61
			Edge_1RB_Left	21.14	20.6	34.77	Pass	1.61
			Edge_1RB_Right	21.22	20.68	34.77	Pass	1.61
			Outer_Full	21.22	20.68	34.77	Pass	1.61
			Inner_Full	21.04	20.5	34.77	Pass	1.61
			Inner_1RB_Left	21.19	20.65	34.77	Pass	1.61
			Inner_1RB_Right	21.21	20.67	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.28	18.74	34.77	Pass	1.61
			Edge_Full_Right	19.34	18.8	34.77	Pass	1.61
			Edge_1RB_Left	19.16	18.62	34.77	Pass	1.61
			Edge_1RB_Right	19.21	18.67	34.77	Pass	1.61
			Outer_Full	19.18	18.64	34.77	Pass	1.61
			Inner_Full	19.09	18.55	34.77	Pass	1.61
			Inner_1RB_Left	19.17	18.63	34.77	Pass	1.61
			Inner_1RB_Right	19.13	18.59	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	20.54	20	34.77	Pass	1.61
			Edge_Full_Right	20.67	20.13	34.77	Pass	1.61
			Edge_1RB_Left	20.24	19.7	34.77	Pass	1.61
			Edge_1RB_Right	20.31	19.77	34.77	Pass	1.61
			Outer_Full	20.78	20.24	34.77	Pass	1.61
			Inner_Full	22.15	21.61	34.77	Pass	1.61
			Inner_1RB_Left	21.94	21.4	34.77	Pass	1.61
			Inner_1RB_Right	22.15	21.61	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.54	20	34.77	Pass	1.61
			Edge_Full_Right	20.34	19.8	34.77	Pass	1.61
			Edge_1RB_Left	20.77	20.23	34.77	Pass	1.61
			Edge_1RB_Right	20.76	20.22	34.77	Pass	1.61
			Outer_Full	20.74	20.2	34.77	Pass	1.61
			Inner_Full	21.74	21.2	34.77	Pass	1.61
			Inner_1RB_Left	21.69	21.15	34.77	Pass	1.61
			Inner_1RB_Right	21.79	21.25	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.76	19.22	34.77	Pass	1.61
			Edge_Full_Right	19.84	19.3	34.77	Pass	1.61
			Edge_1RB_Left	20.19	19.65	34.77	Pass	1.61
			Edge_1RB_Right	20.1	19.56	34.77	Pass	1.61
			Outer_Full	20.27	19.73	34.77	Pass	1.61
			Inner_Full	20.16	19.62	34.77	Pass	1.61
			Inner_1RB_Left	20	19.46	34.77	Pass	1.61
			Inner_1RB_Right	20.05	19.51	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.34	16.8	34.77	Pass	1.61
			Edge_Full_Right	17.26	16.72	34.77	Pass	1.61
			Edge_1RB_Left	17.57	17.03	34.77	Pass	1.61
			Edge_1RB_Right	17.85	17.31	34.77	Pass	1.61

			Outer_Full	17.23	16.69	34.77	Pass	1.61
			Inner_Full	16.89	16.35	34.77	Pass	1.61
			Inner_1RB_Left	17.58	17.04	34.77	Pass	1.61
			Inner_1RB_Right	17.94	17.4	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.2	22.66	34.77	Pass	1.61
			Edge_Full_Right	23.24	22.7	34.77	Pass	1.61
			Edge_1RB_Left	22.98	22.44	34.77	Pass	1.61
			Edge_1RB_Right	23.15	22.61	34.77	Pass	1.61
			Outer_Full	23.34	22.8	34.77	Pass	1.61
			Inner_Full	23.46	22.92	34.77	Pass	1.61
			Inner_1RB_Left	23.29	22.75	34.77	Pass	1.61
			Inner_1RB_Right	23.28	22.74	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.57	22.03	34.77	Pass	1.61
			Edge_Full_Right	22.09	21.55	34.77	Pass	1.61
			Edge_1RB_Left	22.53	21.99	34.77	Pass	1.61
			Edge_1RB_Right	21.77	21.23	34.77	Pass	1.61
			Outer_Full	22.46	21.92	34.77	Pass	1.61
			Inner_Full	23.37	22.83	34.77	Pass	1.61
			Inner_1RB_Left	23.17	22.63	34.77	Pass	1.61
			Inner_1RB_Right	22.8	22.26	34.77	Pass	1.61
	DFT-s-OFDM 16QAM	711MHz	Edge_Full_Left	21.51	20.97	34.77	Pass	1.61
			Edge_Full_Right	20.79	20.25	34.77	Pass	1.61
			Edge_1RB_Left	21.39	20.85	34.77	Pass	1.61
			Edge_1RB_Right	20.67	20.13	34.77	Pass	1.61
			Outer_Full	21.42	20.88	34.77	Pass	1.61
			Inner_Full	22.46	21.92	34.77	Pass	1.61
			Inner_1RB_Left	22.33	21.79	34.77	Pass	1.61
			Inner_1RB_Right	21.67	21.13	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.24	20.7	34.77	Pass	1.61
			Edge_Full_Right	20.66	20.12	34.77	Pass	1.61
			Edge_1RB_Left	21.01	20.47	34.77	Pass	1.61
			Edge_1RB_Right	20.26	19.72	34.77	Pass	1.61
			Outer_Full	20.96	20.42	34.77	Pass	1.61
			Inner_Full	20.82	20.28	34.77	Pass	1.61
			Inner_1RB_Left	21	20.46	34.77	Pass	1.61
			Inner_1RB_Right	20.29	19.75	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.43	18.89	34.77	Pass	1.61
			Edge_Full_Right	18.87	18.33	34.77	Pass	1.61
			Edge_1RB_Left	19.34	18.8	34.77	Pass	1.61
			Edge_1RB_Right	18.81	18.27	34.77	Pass	1.61
			Outer_Full	19.31	18.77	34.77	Pass	1.61
			Inner_Full	19.23	18.69	34.77	Pass	1.61
			Inner_1RB_Left	19.31	18.77	34.77	Pass	1.61
			Inner_1RB_Right	18.74	18.2	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	20.98	20.44	34.77	Pass	1.61

			Edge_Full_Right	20.57	20.03	34.77	Pass	1.61
			Edge_1RB_Left	20.56	20.02	34.77	Pass	1.61
			Edge_1RB_Right	20.59	20.05	34.77	Pass	1.61
			Outer_Full	20.83	20.29	34.77	Pass	1.61
			Inner_Full	21.81	21.27	34.77	Pass	1.61
			Inner_1RB_Left	22.11	21.57	34.77	Pass	1.61
			Inner_1RB_Right	21.29	20.75	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	20.73	20.19	34.77	Pass	1.61
			Edge_Full_Right	20.36	19.82	34.77	Pass	1.61
			Edge_1RB_Left	20.88	20.34	34.77	Pass	1.61
			Edge_1RB_Right	20.86	20.32	34.77	Pass	1.61
			Outer_Full	20.9	20.36	34.77	Pass	1.61
			Inner_Full	21.38	20.84	34.77	Pass	1.61
			Inner_1RB_Left	21.83	21.29	34.77	Pass	1.61
			Inner_1RB_Right	21.16	20.62	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.98	19.44	34.77	Pass	1.61
			Edge_Full_Right	20.23	19.69	34.77	Pass	1.61
			Edge_1RB_Left	20.26	19.72	34.77	Pass	1.61
			Edge_1RB_Right	20.36	19.82	34.77	Pass	1.61
			Outer_Full	20.58	20.04	34.77	Pass	1.61
			Inner_Full	20.4	19.86	34.77	Pass	1.61
			Inner_1RB_Left	20.08	19.54	34.77	Pass	1.61
			Inner_1RB_Right	20.19	19.65	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.73	17.19	34.77	Pass	1.61
			Edge_Full_Right	17.7	17.16	34.77	Pass	1.61
			Edge_1RB_Left	17.81	17.27	34.77	Pass	1.61
			Edge_1RB_Right	17.88	17.34	34.77	Pass	1.61
			Outer_Full	17.47	16.93	34.77	Pass	1.61
			Inner_Full	17.11	16.57	34.77	Pass	1.61
			Inner_1RB_Left	17.79	17.25	34.77	Pass	1.61
			Inner_1RB_Right	17.91	17.37	34.77	Pass	1.61
15MHz	DFT-s-OFDM PI/2 BPSK	706.5MHz	Edge_Full_Left	23.15	22.61	34.77	Pass	1.61
			Edge_Full_Right	23.05	22.51	34.77	Pass	1.61
			Edge_1RB_Left	23.19	22.65	34.77	Pass	1.61
			Edge_1RB_Right	23.19	22.65	34.77	Pass	1.61
			Outer_Full	23.14	22.6	34.77	Pass	1.61
			Inner_Full	23.31	22.77	34.77	Pass	1.61
			Inner_1RB_Left	23.35	22.81	34.77	Pass	1.61
			Inner_1RB_Right	23.43	22.89	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	22.32	21.78	34.77	Pass	1.61
			Edge_Full_Right	22.21	21.67	34.77	Pass	1.61
			Edge_1RB_Left	22.2	21.66	34.77	Pass	1.61
			Edge_1RB_Right	22.05	21.51	34.77	Pass	1.61
			Outer_Full	22.21	21.67	34.77	Pass	1.61
			Inner_Full	22.97	22.43	34.77	Pass	1.61

			Inner_1RB_Left	23.14	22.6	34.77	Pass	1.61
			Inner_1RB_Right	22.83	22.29	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	20.63	20.09	34.77	Pass	1.61
			Edge_Full_Right	20.49	19.95	34.77	Pass	1.61
			Edge_1RB_Left	20.42	19.88	34.77	Pass	1.61
			Edge_1RB_Right	20.27	19.73	34.77	Pass	1.61
			Outer_Full	21.02	20.48	34.77	Pass	1.61
			Inner_Full	21.84	21.3	34.77	Pass	1.61
			Inner_1RB_Left	21.29	20.75	34.77	Pass	1.61
			Inner_1RB_Right	21.14	20.6	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	20.26	19.72	34.77	Pass	1.61
			Edge_Full_Right	20.05	19.51	34.77	Pass	1.61
			Edge_1RB_Left	20.29	19.75	34.77	Pass	1.61
			Edge_1RB_Right	20.13	19.59	34.77	Pass	1.61
			Outer_Full	20.28	19.74	34.77	Pass	1.61
			Inner_Full	20.27	19.73	34.77	Pass	1.61
			Inner_1RB_Left	20.19	19.65	34.77	Pass	1.61
			Inner_1RB_Right	20.04	19.5	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	18.24	17.7	34.77	Pass	1.61
			Edge_Full_Right	18.25	17.71	34.77	Pass	1.61
			Edge_1RB_Left	17.48	16.94	34.77	Pass	1.61
			Edge_1RB_Right	17.53	16.99	34.77	Pass	1.61
			Outer_Full	18.63	18.09	34.77	Pass	1.61
			Inner_Full	18.61	18.07	34.77	Pass	1.61
			Inner_1RB_Left	17.51	16.97	34.77	Pass	1.61
			Inner_1RB_Right	17.43	16.89	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	19.81	19.27	34.77	Pass	1.61
			Edge_Full_Right	19.53	18.99	34.77	Pass	1.61
			Edge_1RB_Left	20	19.46	34.77	Pass	1.61
			Edge_1RB_Right	20.01	19.47	34.77	Pass	1.61
			Outer_Full	19.91	19.37	34.77	Pass	1.61
			Inner_Full	20.78	20.24	34.77	Pass	1.61
			Inner_1RB_Left	20.83	20.29	34.77	Pass	1.61
			Inner_1RB_Right	20.6	20.06	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	19.86	19.32	34.77	Pass	1.61
			Edge_Full_Right	19.61	19.07	34.77	Pass	1.61
			Edge_1RB_Left	19.68	19.14	34.77	Pass	1.61
			Edge_1RB_Right	19.42	18.88	34.77	Pass	1.61
			Outer_Full	19.85	19.31	34.77	Pass	1.61
			Inner_Full	20.28	19.74	34.77	Pass	1.61
			Inner_1RB_Left	20.11	19.57	34.77	Pass	1.61
			Inner_1RB_Right	19.84	19.3	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.66	19.12	34.77	Pass	1.61
			Edge_Full_Right	19.36	18.82	34.77	Pass	1.61
			Edge_1RB_Left	19.29	18.75	34.77	Pass	1.61

			Edge_1RB_Right	18.89	18.35	34.77	Pass	1.61
			Outer_Full	19.73	19.19	34.77	Pass	1.61
			Inner_Full	19.75	19.21	34.77	Pass	1.61
			Inner_1RB_Left	19.15	18.61	34.77	Pass	1.61
			Inner_1RB_Right	18.9	18.36	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.34	16.8	34.77	Pass	1.61
			Edge_Full_Right	17.11	16.57	34.77	Pass	1.61
			Edge_1RB_Left	17.29	16.75	34.77	Pass	1.61
			Edge_1RB_Right	17	16.46	34.77	Pass	1.61
			Outer_Full	17.15	16.61	34.77	Pass	1.61
			Inner_Full	17.06	16.52	34.77	Pass	1.61
			Inner_1RB_Left	17.17	16.63	34.77	Pass	1.61
			Inner_1RB_Right	17.15	16.61	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK	707.5MHz	Edge_Full_Left	23.05	22.51	34.77	Pass	1.61
			Edge_Full_Right	23.02	22.48	34.77	Pass	1.61
			Edge_1RB_Left	22.91	22.37	34.77	Pass	1.61
			Edge_1RB_Right	23.22	22.68	34.77	Pass	1.61
			Outer_Full	22.93	22.39	34.77	Pass	1.61
			Inner_Full	23.38	22.84	34.77	Pass	1.61
			Inner_1RB_Left	23.38	22.84	34.77	Pass	1.61
			Inner_1RB_Right	23.43	22.89	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	21.3	20.76	34.77	Pass	1.61
			Edge_Full_Right	21.66	21.12	34.77	Pass	1.61
			Edge_1RB_Left	21.3	20.76	34.77	Pass	1.61
			Edge_1RB_Right	21.49	20.95	34.77	Pass	1.61
			Outer_Full	21.3	20.76	34.77	Pass	1.61
			Inner_Full	22.2	21.66	34.77	Pass	1.61
			Inner_1RB_Left	22.2	21.66	34.77	Pass	1.61
			Inner_1RB_Right	22.37	21.83	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	19.8	19.26	34.77	Pass	1.61
			Edge_Full_Right	20.09	19.55	34.77	Pass	1.61
			Edge_1RB_Left	19.6	19.06	34.77	Pass	1.61
			Edge_1RB_Right	19.8	19.26	34.77	Pass	1.61
			Outer_Full	20.3	19.76	34.77	Pass	1.61
			Inner_Full	21.15	20.61	34.77	Pass	1.61
			Inner_1RB_Left	20.5	19.96	34.77	Pass	1.61
			Inner_1RB_Right	20.82	20.28	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	19.53	18.99	34.77	Pass	1.61
			Edge_Full_Right	19.79	19.25	34.77	Pass	1.61
			Edge_1RB_Left	19.63	19.09	34.77	Pass	1.61
			Edge_1RB_Right	19.9	19.36	34.77	Pass	1.61
			Outer_Full	19.69	19.15	34.77	Pass	1.61
			Inner_Full	19.7	19.16	34.77	Pass	1.61
			Inner_1RB_Left	19.6	19.06	34.77	Pass	1.61
			Inner_1RB_Right	19.84	19.3	34.77	Pass	1.61

	DFT-s-OFDM 256QAM		Edge_Full_Left	17.82	17.28	34.77	Pass	1.61
			Edge_Full_Right	18	17.46	34.77	Pass	1.61
			Edge_1RB_Left	17.07	16.53	34.77	Pass	1.61
			Edge_1RB_Right	17.27	16.73	34.77	Pass	1.61
			Outer_Full	18.09	17.55	34.77	Pass	1.61
			Inner_Full	18.11	17.57	34.77	Pass	1.61
			Inner_1RB_Left	17.16	16.62	34.77	Pass	1.61
			Inner_1RB_Right	17.37	16.83	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	19.24	18.7	34.77	Pass	1.61
			Edge_Full_Right	19.69	19.15	34.77	Pass	1.61
			Edge_1RB_Left	19.48	18.94	34.77	Pass	1.61
			Edge_1RB_Right	19.47	18.93	34.77	Pass	1.61
			Outer_Full	19.69	19.15	34.77	Pass	1.61
			Inner_Full	20.42	19.88	34.77	Pass	1.61
			Inner_1RB_Left	20.42	19.88	34.77	Pass	1.61
			Inner_1RB_Right	20.57	20.03	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	19.42	18.88	34.77	Pass	1.61
			Edge_Full_Right	19.78	19.24	34.77	Pass	1.61
			Edge_1RB_Left	19.21	18.67	34.77	Pass	1.61
			Edge_1RB_Right	19.52	18.98	34.77	Pass	1.61
			Outer_Full	19.65	19.11	34.77	Pass	1.61
			Inner_Full	19.97	19.43	34.77	Pass	1.61
			Inner_1RB_Left	19.6	19.06	34.77	Pass	1.61
			Inner_1RB_Right	20.01	19.47	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	19.13	18.59	34.77	Pass	1.61
			Edge_Full_Right	19.69	19.15	34.77	Pass	1.61
			Edge_1RB_Left	18.78	18.24	34.77	Pass	1.61
			Edge_1RB_Right	19.21	18.67	34.77	Pass	1.61
			Outer_Full	19.57	19.03	34.77	Pass	1.61
			Inner_Full	19.49	18.95	34.77	Pass	1.61
			Inner_1RB_Left	18.79	18.25	34.77	Pass	1.61
			Inner_1RB_Right	19.14	18.6	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	17.06	16.52	34.77	Pass	1.61
			Edge_Full_Right	17.36	16.82	34.77	Pass	1.61
			Edge_1RB_Left	17.02	16.48	34.77	Pass	1.61
			Edge_1RB_Right	17.06	16.52	34.77	Pass	1.61
			Outer_Full	17.19	16.65	34.77	Pass	1.61
			Inner_Full	17.15	16.61	34.77	Pass	1.61
			Inner_1RB_Left	17.04	16.5	34.77	Pass	1.61
			Inner_1RB_Right	17.13	16.59	34.77	Pass	1.61
	DFT-s-OFDM PI/2 BPSK	708.5MHz	Edge_Full_Left	21.89	21.35	34.77	Pass	1.61
			Edge_Full_Right	20.91	20.37	34.77	Pass	1.61
			Edge_1RB_Left	21.79	21.25	34.77	Pass	1.61
			Edge_1RB_Right	20.96	20.42	34.77	Pass	1.61
			Outer_Full	21.18	20.64	34.77	Pass	1.61

			Inner_Full	21.39	20.85	34.77	Pass	1.61
			Inner_1RB_Left	22.1	21.56	34.77	Pass	1.61
			Inner_1RB_Right	21.34	20.8	34.77	Pass	1.61
	DFT-s-OFDM QPSK		Edge_Full_Left	20.23	19.69	34.77	Pass	1.61
			Edge_Full_Right	19.39	18.85	34.77	Pass	1.61
			Edge_1RB_Left	20.13	19.59	34.77	Pass	1.61
			Edge_1RB_Right	19.38	18.84	34.77	Pass	1.61
			Outer_Full	19.58	19.04	34.77	Pass	1.61
			Inner_Full	20.34	19.8	34.77	Pass	1.61
			Inner_1RB_Left	21.04	20.5	34.77	Pass	1.61
			Inner_1RB_Right	20.27	19.73	34.77	Pass	1.61
	DFT-s-OFDM 16QAM		Edge_Full_Left	18.75	18.21	34.77	Pass	1.61
			Edge_Full_Right	17.88	17.34	34.77	Pass	1.61
			Edge_1RB_Left	18.58	18.04	34.77	Pass	1.61
			Edge_1RB_Right	17.64	17.1	34.77	Pass	1.61
			Outer_Full	18.67	18.13	34.77	Pass	1.61
			Inner_Full	19.42	18.88	34.77	Pass	1.61
			Inner_1RB_Left	19.49	18.95	34.77	Pass	1.61
			Inner_1RB_Right	18.68	18.14	34.77	Pass	1.61
	DFT-s-OFDM 64QAM		Edge_Full_Left	18.45	17.91	34.77	Pass	1.61
			Edge_Full_Right	17.66	17.12	34.77	Pass	1.61
			Edge_1RB_Left	18.57	18.03	34.77	Pass	1.61
			Edge_1RB_Right	17.72	17.18	34.77	Pass	1.61
			Outer_Full	18.04	17.5	34.77	Pass	1.61
			Inner_Full	18.07	17.53	34.77	Pass	1.61
			Inner_1RB_Left	18.62	18.08	34.77	Pass	1.61
			Inner_1RB_Right	17.7	17.16	34.77	Pass	1.61
	DFT-s-OFDM 256QAM		Edge_Full_Left	16.97	16.43	34.77	Pass	1.61
			Edge_Full_Right	15.87	15.33	34.77	Pass	1.61
			Edge_1RB_Left	16.27	15.73	34.77	Pass	1.61
			Edge_1RB_Right	15.06	14.52	34.77	Pass	1.61
			Outer_Full	16.51	15.97	34.77	Pass	1.61
			Inner_Full	16.52	15.98	34.77	Pass	1.61
			Inner_1RB_Left	16.32	15.78	34.77	Pass	1.61
			Inner_1RB_Right	15.15	14.61	34.77	Pass	1.61
	CP-OFDM QPSK		Edge_Full_Left	18.37	17.83	34.77	Pass	1.61
			Edge_Full_Right	17.57	17.03	34.77	Pass	1.61
			Edge_1RB_Left	18.37	17.83	34.77	Pass	1.61
			Edge_1RB_Right	18.45	17.91	34.77	Pass	1.61
			Outer_Full	17.98	17.44	34.77	Pass	1.61
			Inner_Full	18.66	18.12	34.77	Pass	1.61
			Inner_1RB_Left	19.37	18.83	34.77	Pass	1.61
			Inner_1RB_Right	18.54	18	34.77	Pass	1.61
	CP-OFDM 16QAM		Edge_Full_Left	18.42	17.88	34.77	Pass	1.61
			Edge_Full_Right	17.71	17.17	34.77	Pass	1.61

			Edge_1RB_Left	18.22	17.68	34.77	Pass	1.61
			Edge_1RB_Right	17.44	16.9	34.77	Pass	1.61
			Outer_Full	18.04	17.5	34.77	Pass	1.61
			Inner_Full	18.32	17.78	34.77	Pass	1.61
			Inner_1RB_Left	18.83	18.29	34.77	Pass	1.61
			Inner_1RB_Right	17.86	17.32	34.77	Pass	1.61
	CP-OFDM 64QAM		Edge_Full_Left	18.34	17.8	34.77	Pass	1.61
			Edge_Full_Right	17.6	17.06	34.77	Pass	1.61
			Edge_1RB_Left	17.81	17.27	34.77	Pass	1.61
			Edge_1RB_Right	17.14	16.6	34.77	Pass	1.61
			Outer_Full	17.92	17.38	34.77	Pass	1.61
			Inner_Full	17.81	17.27	34.77	Pass	1.61
			Inner_1RB_Left	17.95	17.41	34.77	Pass	1.61
			Inner_1RB_Right	16.98	16.44	34.77	Pass	1.61
	CP-OFDM 256QAM		Edge_Full_Left	16.42	15.88	34.77	Pass	1.61
			Edge_Full_Right	15.35	14.81	34.77	Pass	1.61
			Edge_1RB_Left	16.22	15.68	34.77	Pass	1.61
			Edge_1RB_Right	15.16	14.62	34.77	Pass	1.61
			Outer_Full	15.64	15.1	34.77	Pass	1.61
			Inner_Full	15.55	15.01	34.77	Pass	1.61
			Inner_1RB_Left	16.36	15.82	34.77	Pass	1.61
			Inner_1RB_Right	15.12	14.58	34.77	Pass	1.61

Frequency Stability

Band width	Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Result (ppm)	Limit (ppm)	Verdict
5MHz	DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	20	LV	-7.51	-0.0040	2.5	Pass
					HV	-3.31	-0.0018	2.5	Pass
				-30	NV	3.54	0.0019	2.5	Pass
				-20	NV	7.4	0.0039	2.5	Pass
				-10	NV	9.82	0.0052	2.5	Pass
				0	NV	9.84	0.0052	2.5	Pass
				10	NV	-7.04	-0.0037	2.5	Pass
				20	NV	-8.59	-0.0046	2.5	Pass
				30	NV	-4.58	-0.0024	2.5	Pass
				40	NV	9.62	0.0051	2.5	Pass
				50	NV	9.66	0.0051	2.5	Pass
	CP-OFDM QPSK			20	LV	-9.2	-0.0049	2.5	Pass
					HV	-1.92	-0.0010	2.5	Pass
				-30	NV	-1.79	-0.0010	2.5	Pass
				-20	NV	-8.51	-0.0045	2.5	Pass
				-10	NV	8.16	0.0043	2.5	Pass
				0	NV	-9.49	-0.0050	2.5	Pass
				10	NV	-4.87	-0.0026	2.5	Pass
				20	NV	3.62	0.0019	2.5	Pass
				30	NV	1.58	0.0008	2.5	Pass
				40	NV	2.37	0.0013	2.5	Pass
				50	NV	-1.51	-0.0008	2.5	Pass
10MHz	DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	20	LV	6.9	0.0037	2.5	Pass
					HV	3.22	0.0017	2.5	Pass
				-30	NV	-5.8	-0.0031	2.5	Pass
				-20	NV	-4.16	-0.0022	2.5	Pass
				-10	NV	-6.88	-0.0037	2.5	Pass
				0	NV	6.32	0.0034	2.5	Pass
				10	NV	8.74	0.0046	2.5	Pass
				20	NV	-3.21	-0.0017	2.5	Pass
				30	NV	7.37	0.0039	2.5	Pass
				40	NV	5.39	0.0029	2.5	Pass
				50	NV	-7.63	-0.0041	2.5	Pass
	CP-OFDM QPSK			20	LV	3.28	0.0017	2.5	Pass
					HV	-4.67	-0.0025	2.5	Pass
				-30	NV	4.75	0.0025	2.5	Pass
				-20	NV	-3.04	-0.0016	2.5	Pass
				-10	NV	4.62	0.0025	2.5	Pass

				0	NV	2.52	0.0013	2.5	Pass
				10	NV	-5.34	-0.0028	2.5	Pass
				20	NV	2.61	0.0014	2.5	Pass
				30	NV	8.04	0.0043	2.5	Pass
				40	NV	-5.39	-0.0029	2.5	Pass
				50	NV	-7.36	-0.0039	2.5	Pass
15MHz	DFT-s-OFDM PI/2 BPSK	707.5	Outer_Full	20	LV	2.39	0.0013	2.5	Pass
					HV	-7.93	-0.0042	2.5	Pass
				-30	NV	3.48	0.0019	2.5	Pass
				-20	NV	-5.15	-0.0027	2.5	Pass
				-10	NV	2.54	0.0014	2.5	Pass
				0	NV	8.83	0.0047	2.5	Pass
				10	NV	8.1	0.0043	2.5	Pass
				20	NV	6.87	0.0037	2.5	Pass
				30	NV	-3.06	-0.0016	2.5	Pass
				40	NV	2.53	0.0013	2.5	Pass
				50	NV	-3.57	-0.0019	2.5	Pass
	CP-OFDM QPSK			20	LV	8.85	0.0047	2.5	Pass
					HV	-4.83	-0.0026	2.5	Pass
				-30	NV	4.08	0.0022	2.5	Pass
				-20	NV	9.83	0.0052	2.5	Pass
				-10	NV	-3.97	-0.0021	2.5	Pass
				0	NV	-4.85	-0.0026	2.5	Pass
				10	NV	-6.07	-0.0032	2.5	Pass
				20	NV	3.04	0.0016	2.5	Pass
				30	NV	10.23	0.0054	2.5	Pass
				40	NV	8.18	0.0044	2.5	Pass
				50	NV	-8.29	-0.0044	2.5	Pass

Field Strength of Spurious Radiation

NR Band n12-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1399.5	-53.61	-13	-40.61	-56.92	1.93	5.24	Horizontal	Pass
2099.25	-51.01	-13	-38.01	-53.46	2.41	4.86	Horizontal	Pass
2799.0	-62.05	-13	-49.05	-65.69	2.84	6.48	Horizontal	Pass
1399.5	-59.07	-13	-46.07	-62.38	1.93	5.24	Vertical	Pass
2099.25	-63.09	-13	-50.09	-65.54	2.41	4.86	Vertical	Pass
2799.0	-61.91	-13	-48.91	-65.55	2.84	6.48	Vertical	Pass

NR Band n12-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1401.5	-51.14	-13	-38.14	-54.47	1.93	5.26	Horizontal	Pass
2102.25	-55.05	-13	-42.05	-57.51	2.41	4.87	Horizontal	Pass
2803.0	-57.46	-13	-44.46	-61.11	2.84	6.49	Horizontal	Pass
1401.5	-55.69	-13	-42.69	-59.02	1.93	5.26	Vertical	Pass
2102.25	-64.16	-13	-51.16	-66.62	2.41	4.87	Vertical	Pass
2803.0	-58.05	-13	-45.05	-61.7	2.84	6.49	Vertical	Pass

NR Band n12-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1403.5	-50.07	-13	-37.07	-53.41	1.93	5.27	Horizontal	Pass
2105.25	-67.32	-13	-54.32	-69.77	2.42	4.87	Horizontal	Pass
2807.0	-65.07	-13	-52.07	-68.73	2.84	6.5	Horizontal	Pass
1403.5	-58.7	-13	-45.7	-62.04	1.93	5.27	Vertical	Pass
2105.25	-67.71	-13	-54.71	-70.16	2.42	4.87	Vertical	Pass
2807.0	-66.28	-13	-53.28	-69.94	2.84	6.5	Vertical	Pass

---End of Attachment---