

99% & 26dB Bandwidth

Test Result

5G NR N78a(3450-3550MHz) SCS=30kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.62	10.1	/	Pass
CP-OFDM QPSK		Outer_Full	8.68	10	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.65	9.9	/	Pass
CP-OFDM QPSK		Outer_Full	8.64	10.18	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.63	9.84	/	Pass
CP-OFDM QPSK		Outer_Full	8.62	10.11	/	Pass

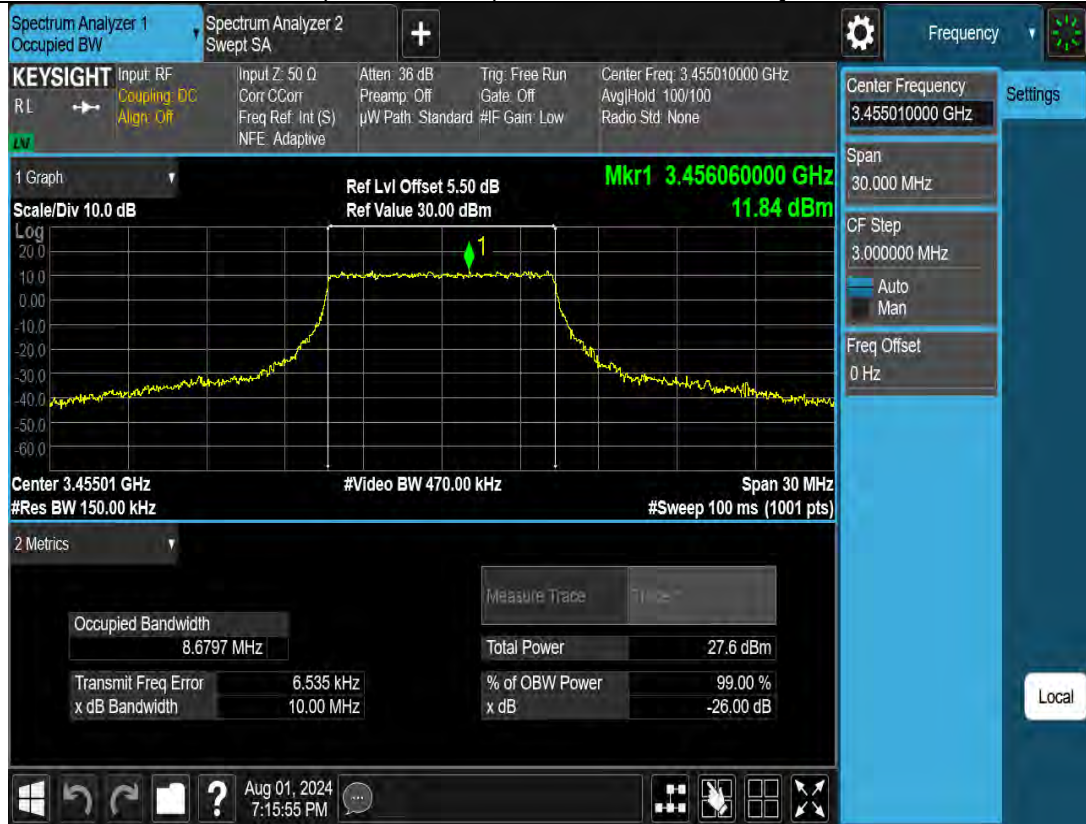
5G NR N78a(3450-3550MHz) SCS=30kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	13.02	14.68	/	Pass
CP-OFDM QPSK		Outer_Full	13.67	15.41	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	13	14.68	/	Pass
CP-OFDM QPSK		Outer_Full	13.7	15.37	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.96	14.55	/	Pass
CP-OFDM QPSK		Outer_Full	13.65	15.48	/	Pass

5G NR N78a(3450-3550MHz) SCS=30kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	17.89	19.42	/	Pass
CP-OFDM QPSK		Outer_Full	18.28	20.07	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.88	19.41	/	Pass
CP-OFDM QPSK		Outer_Full	18.29	20.25	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.93	19.65	/	Pass
CP-OFDM QPSK		Outer_Full	18.28	20.4	/	Pass

Test Graph



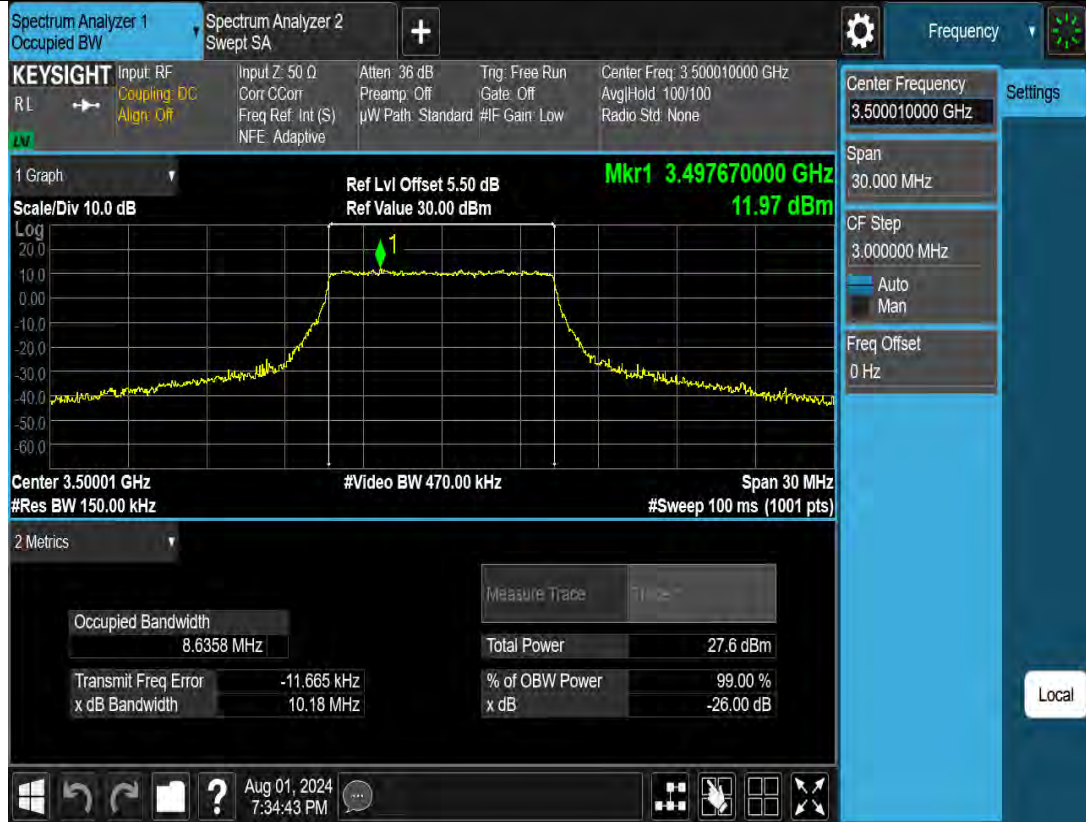
N78a(3450-3550MHz)-10M-OBW-L-CP-OFDM-QPSK



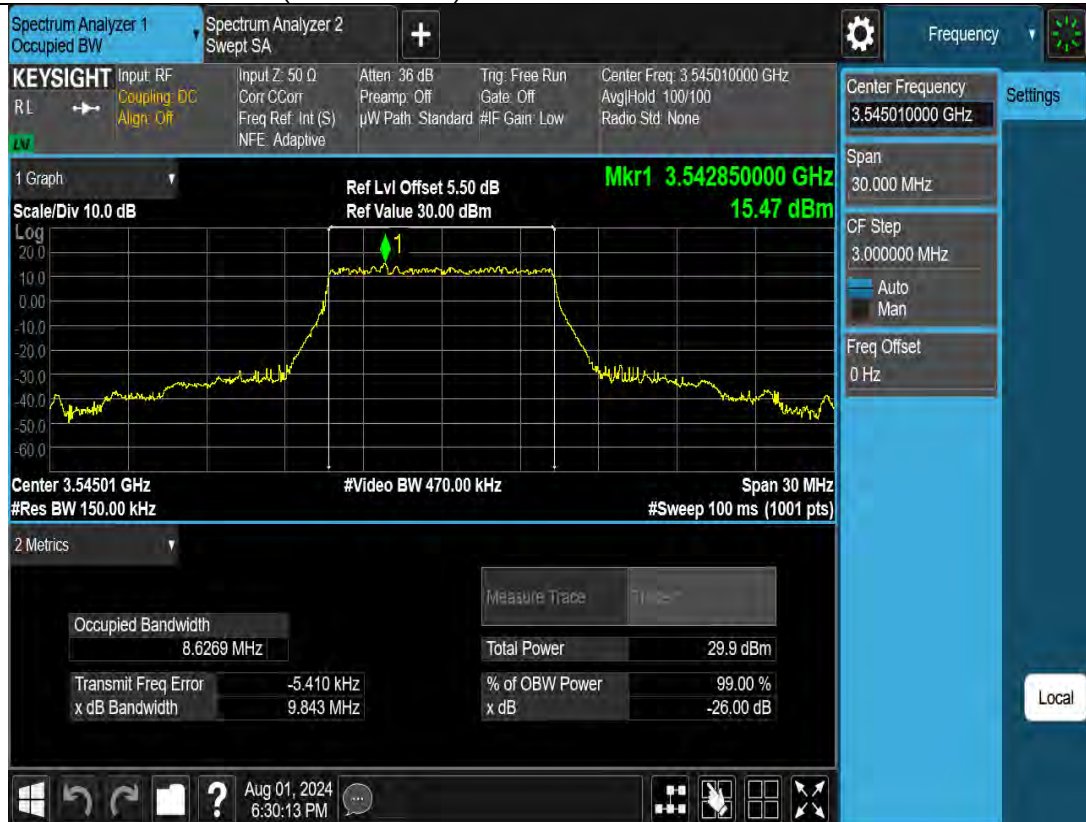
N78a(3450-3550MHz)-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N78a(3450-3550MHz)-10M-OBW-M-CP-OFDM-QPSK



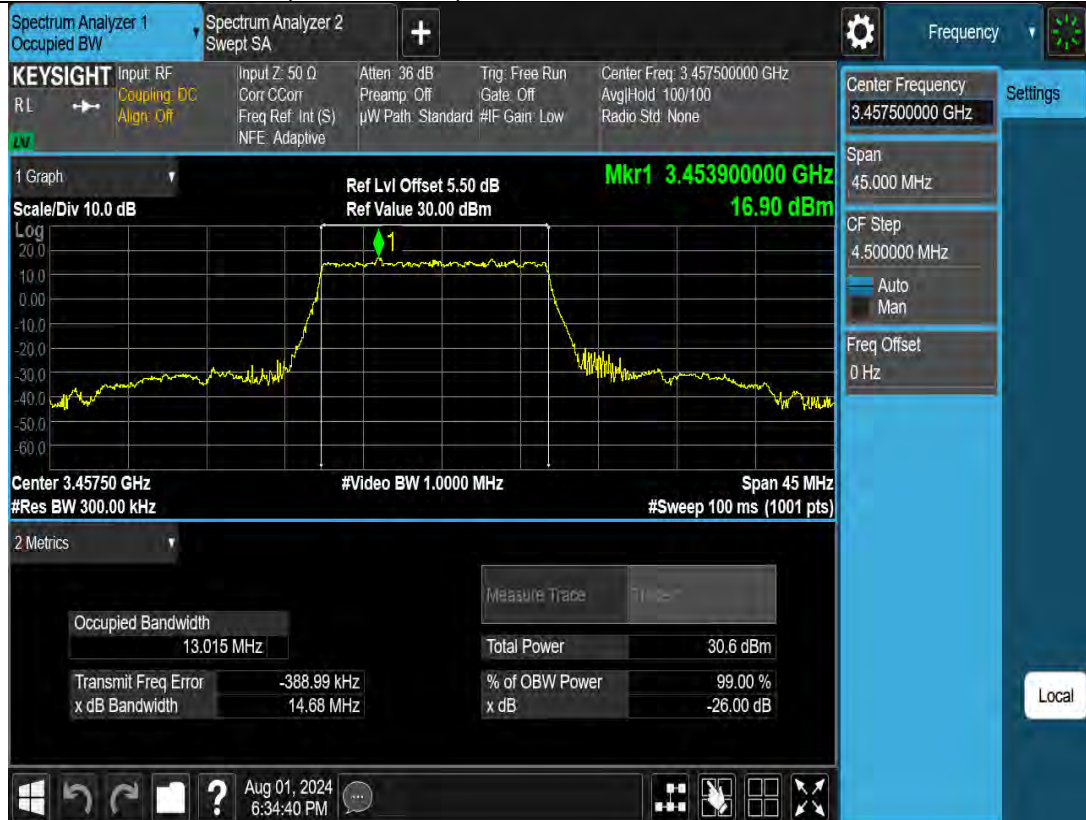
N78a(3450-3550MHz)-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK



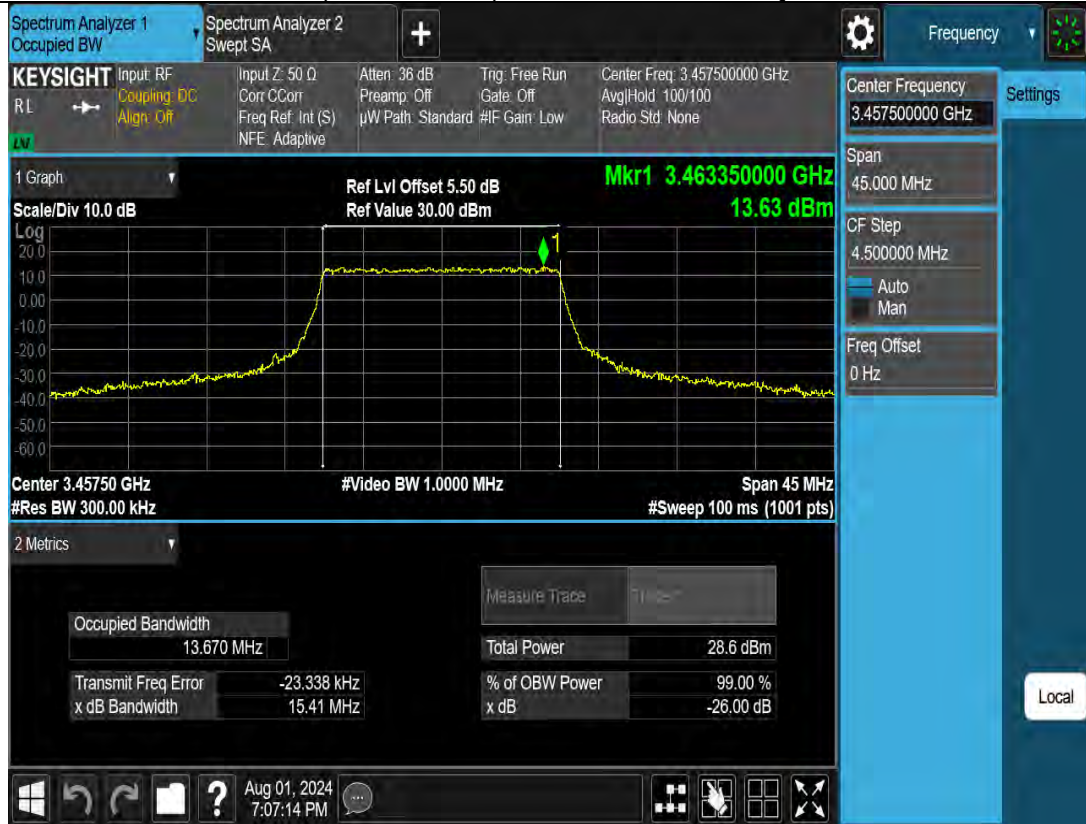
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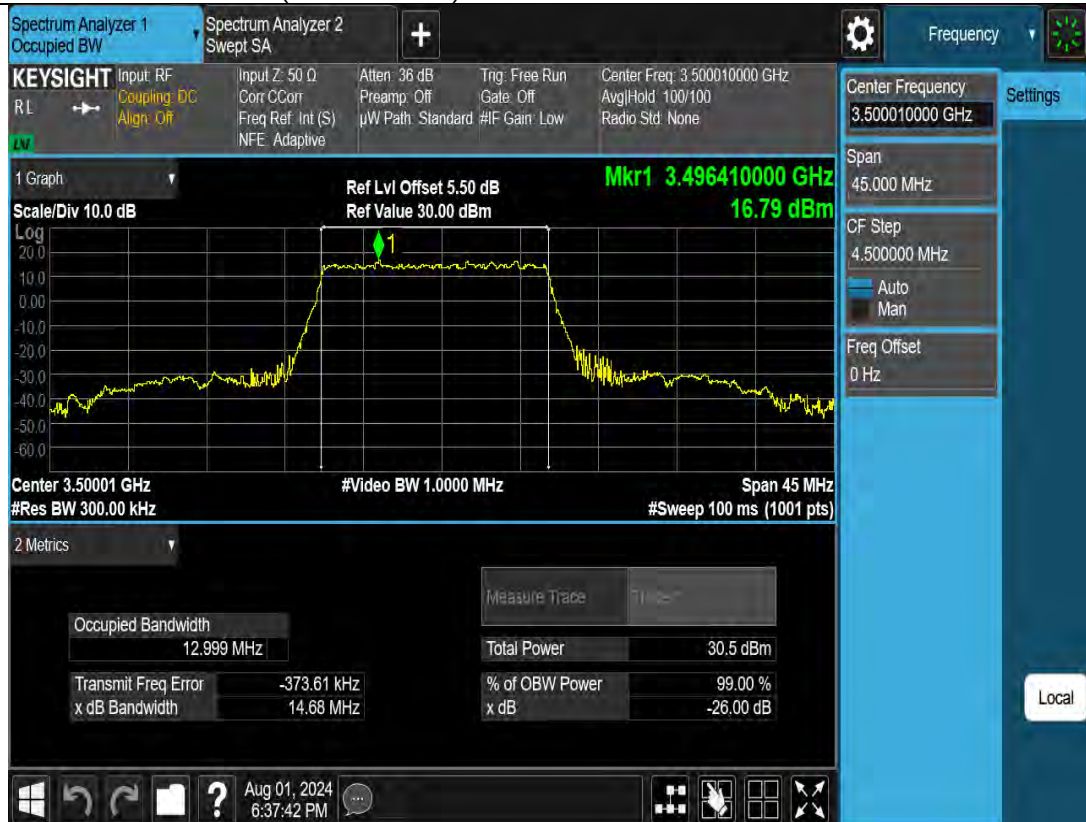
N78a(3450-3550MHz)-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



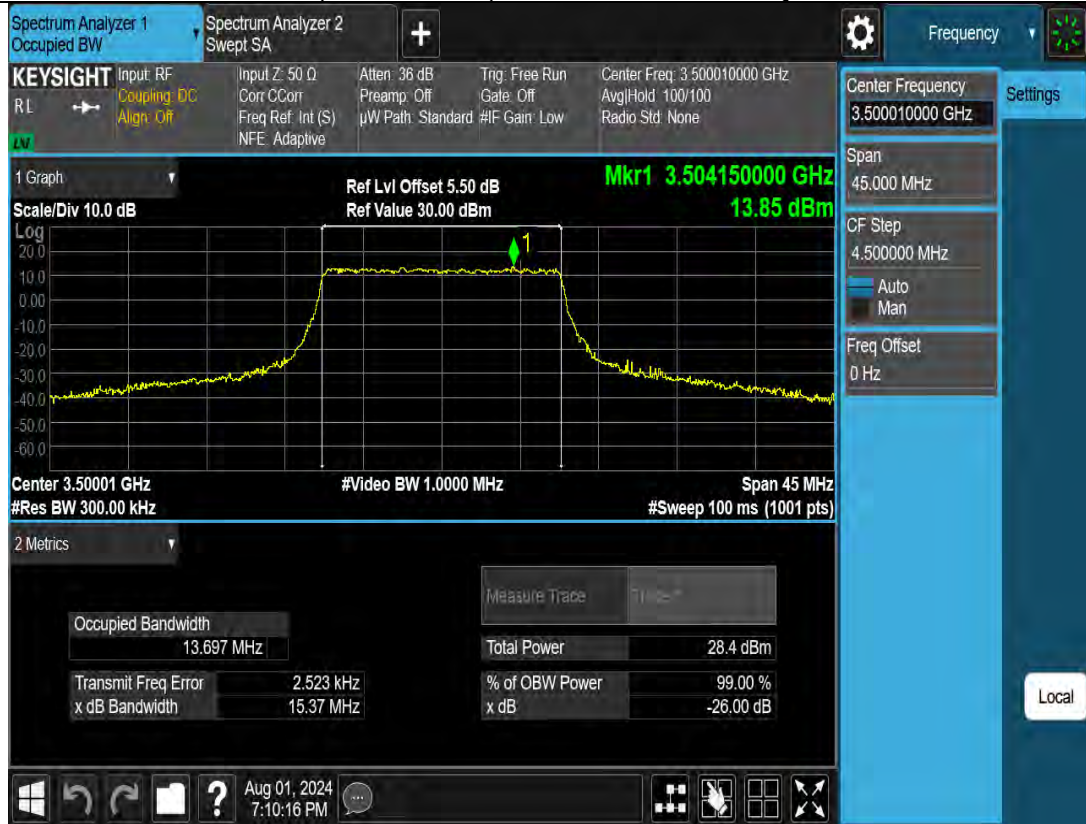
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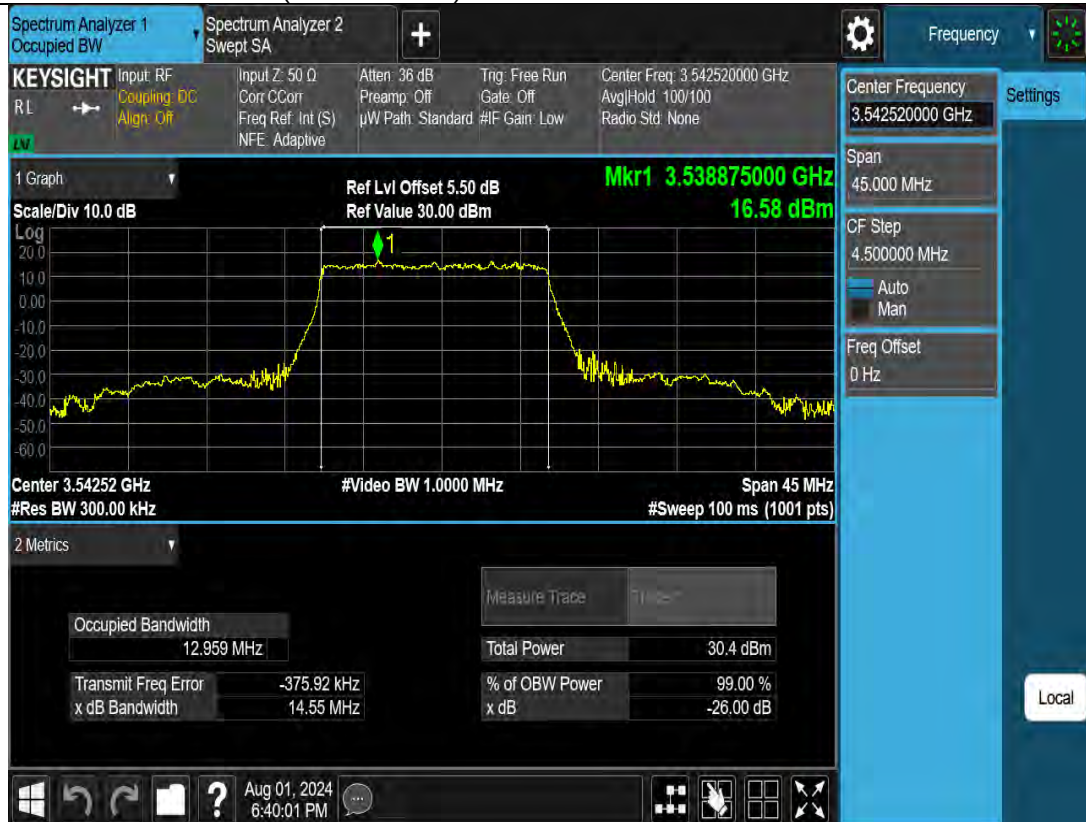
N78a(3450-3550MHz)-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK



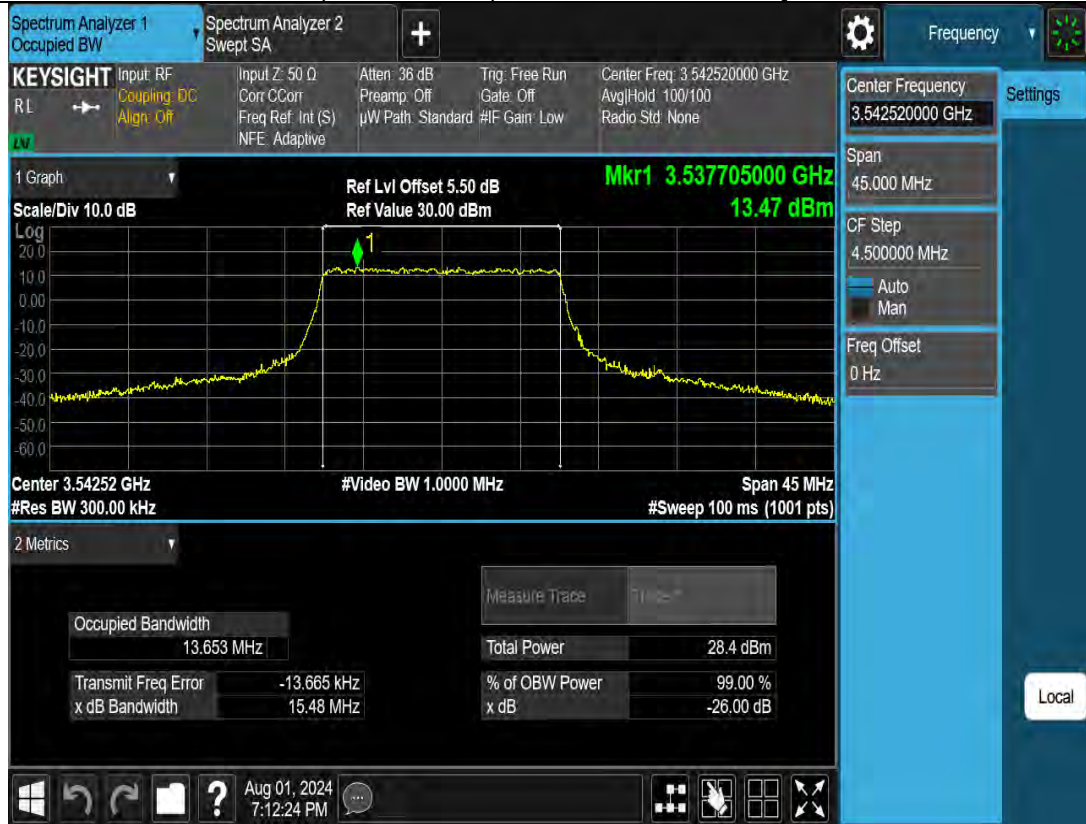
N78a(3450-3550MHz)-15M-OBW-M-CP-OFDM-QPSK



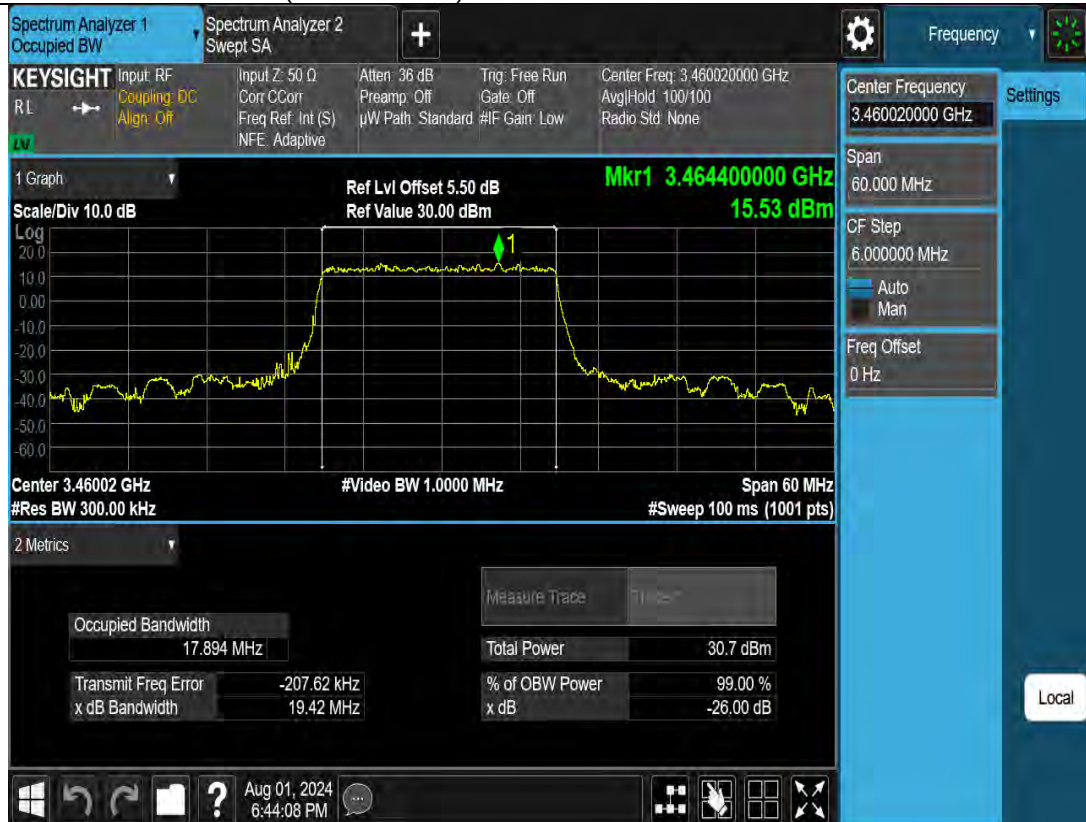
N78a(3450-3550MHz)-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK



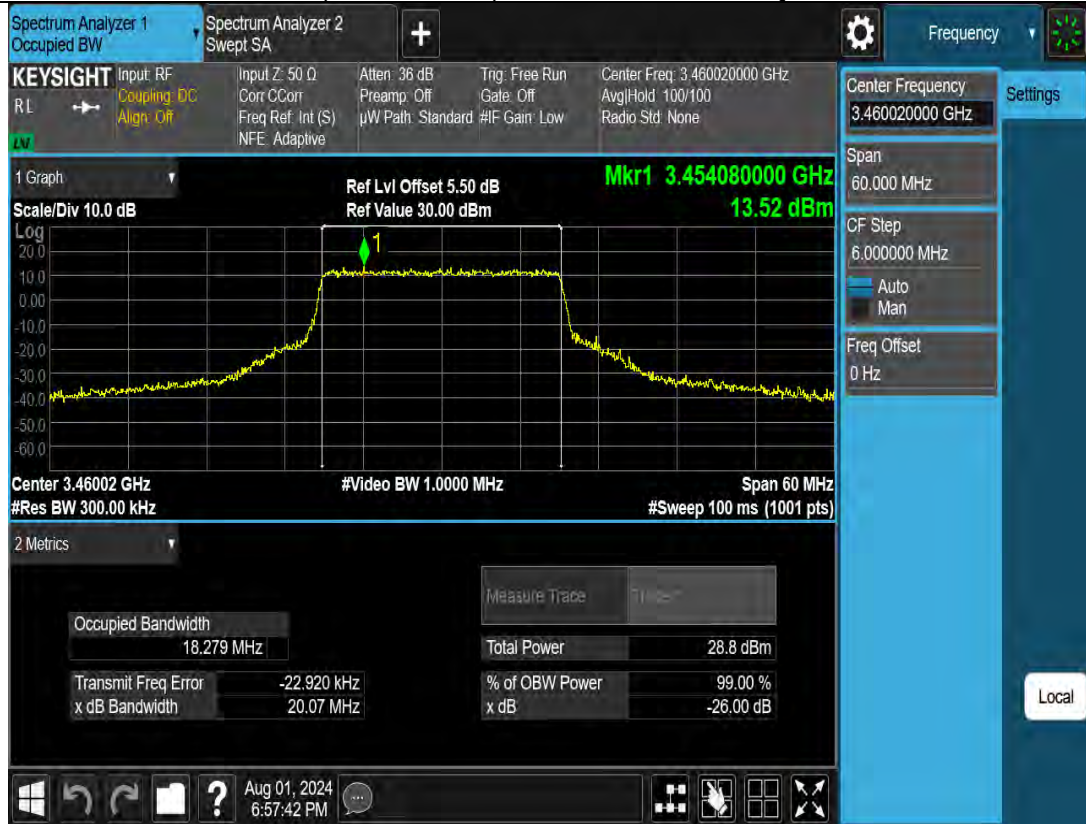
N78a(3450-3550MHz)-15M-OBW-H-CP-OFDM-QPSK



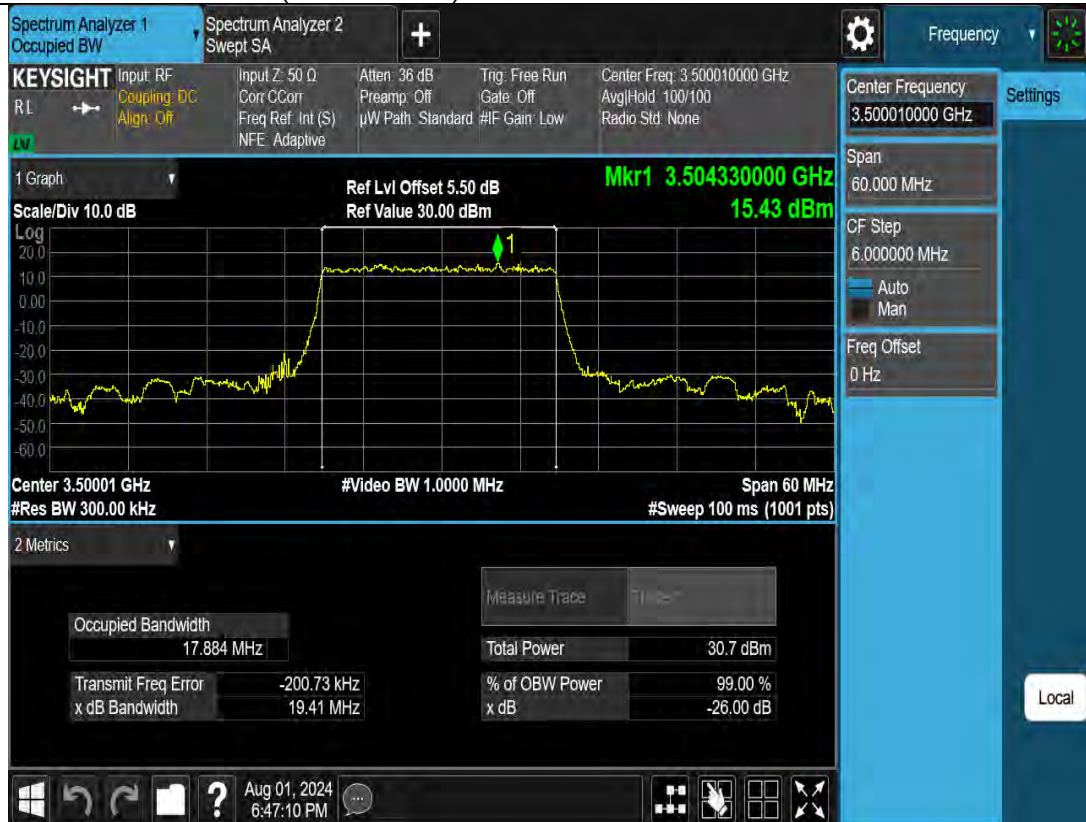
N78a(3450-3550MHz)-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK

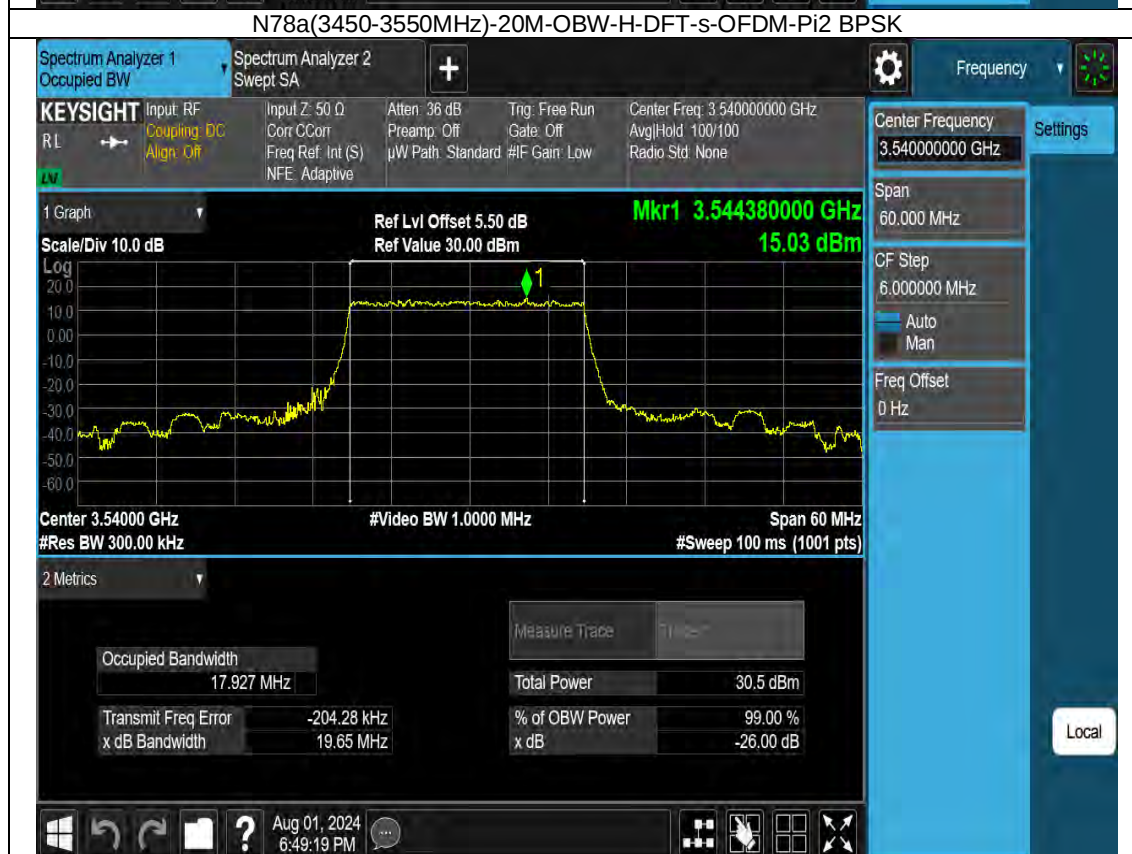
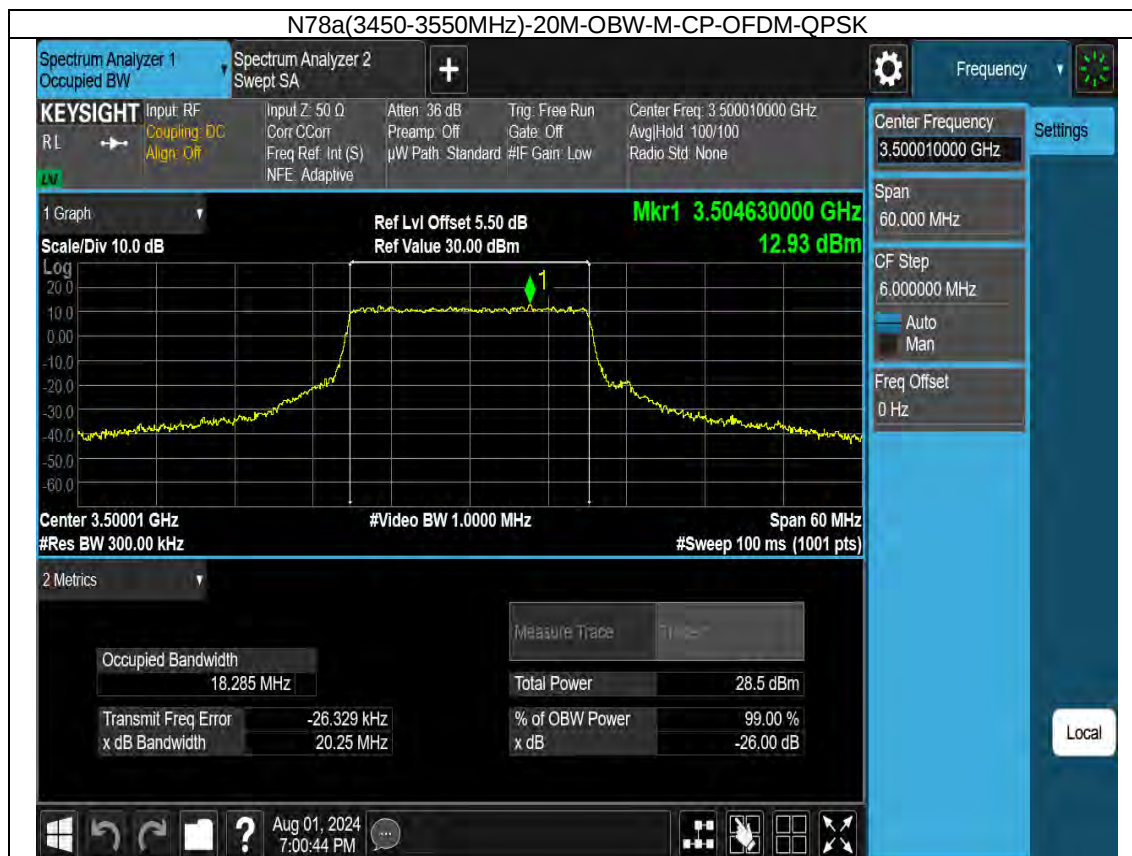


N78a(3450-3550MHz)-20M-OBW-L-CP-OFDM-QPSK



N78a(3450-3550MHz)-20M-OBW-M-DFT-s-OFDM-Pi2 BPSK





N78a(3450-3550MHz)-20M-OBW-H-CP-OFDM-QPSK



Peak-Average Ratio

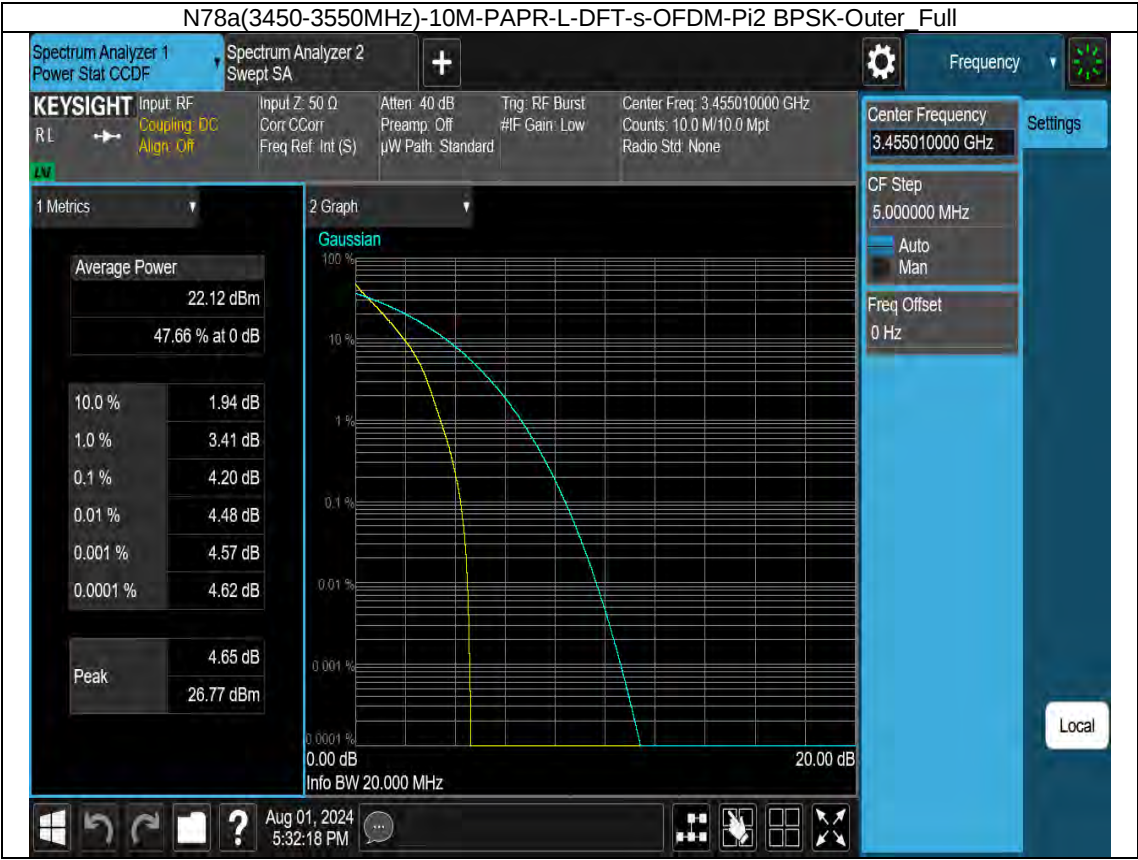
Test Result

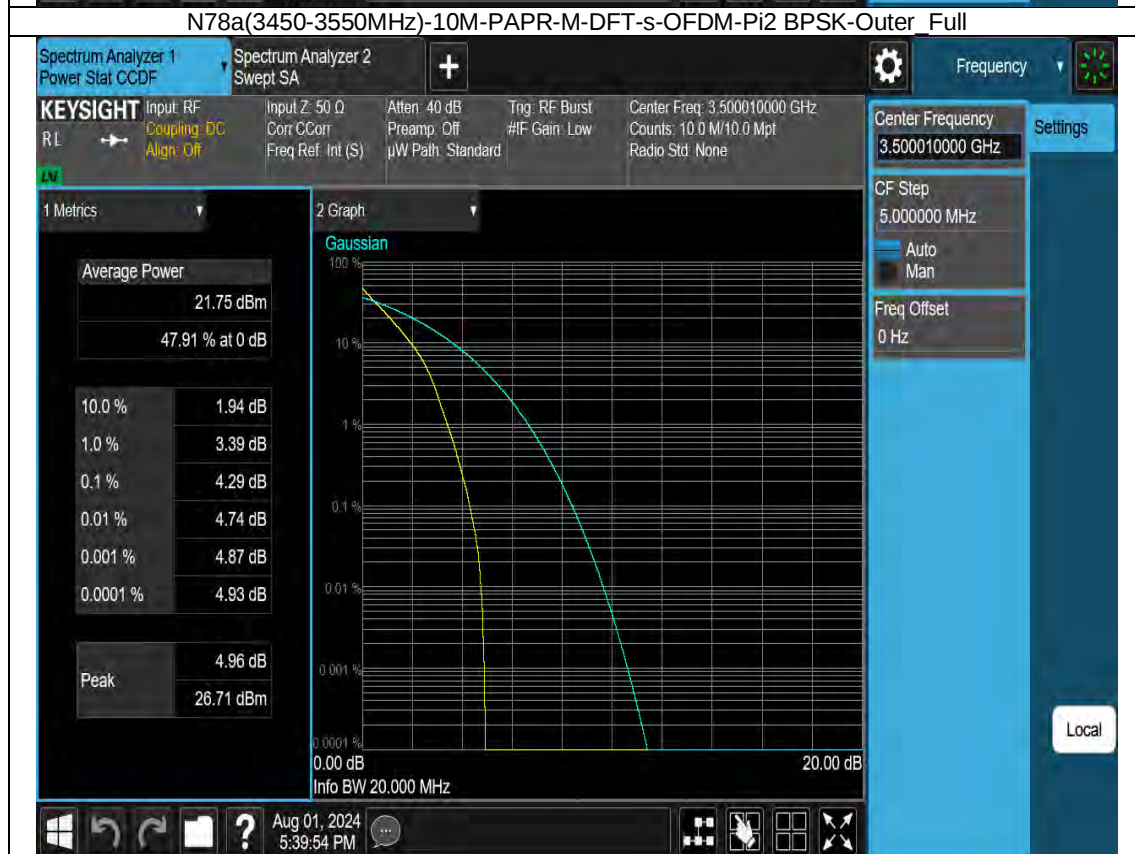
5G NR N78a(3450-3550MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.2	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.29	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.95	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.95	<=13	Pass

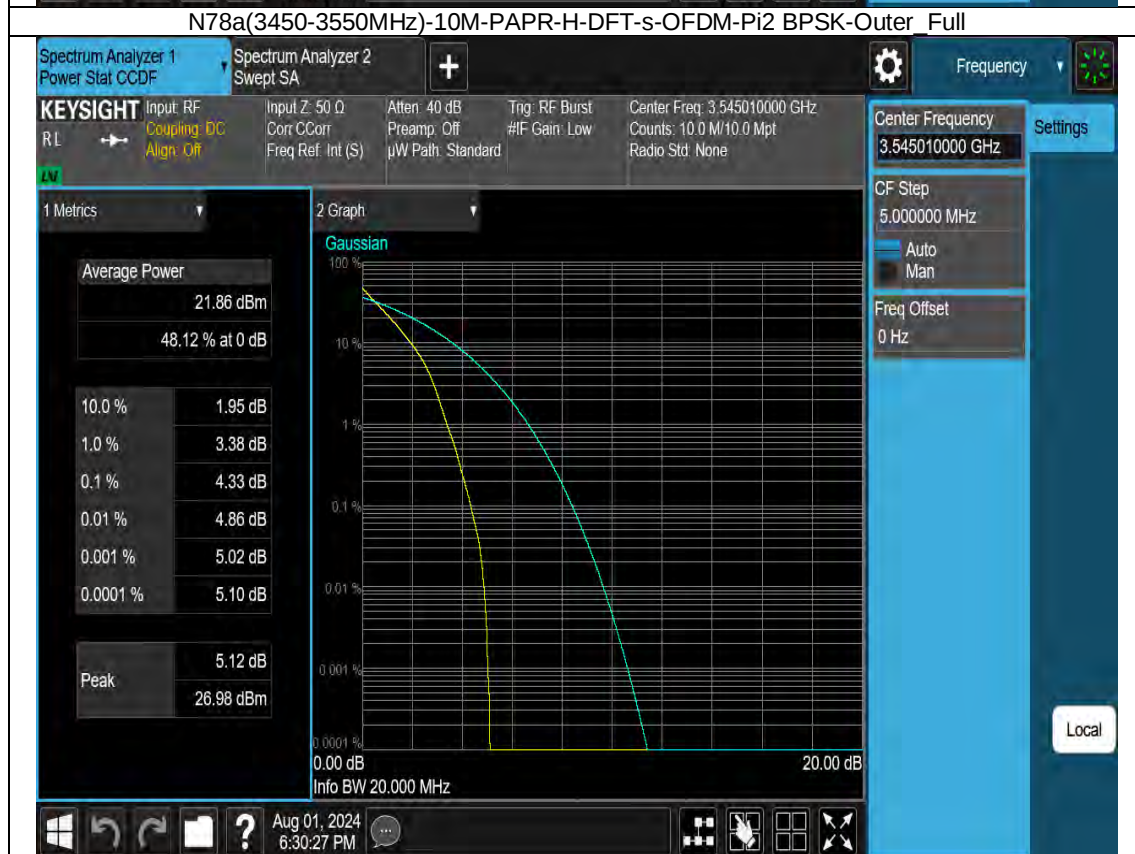
5G NR N78a(3450-3550MHz) SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.29	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.55	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.73	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.42	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.79	<=13	Pass

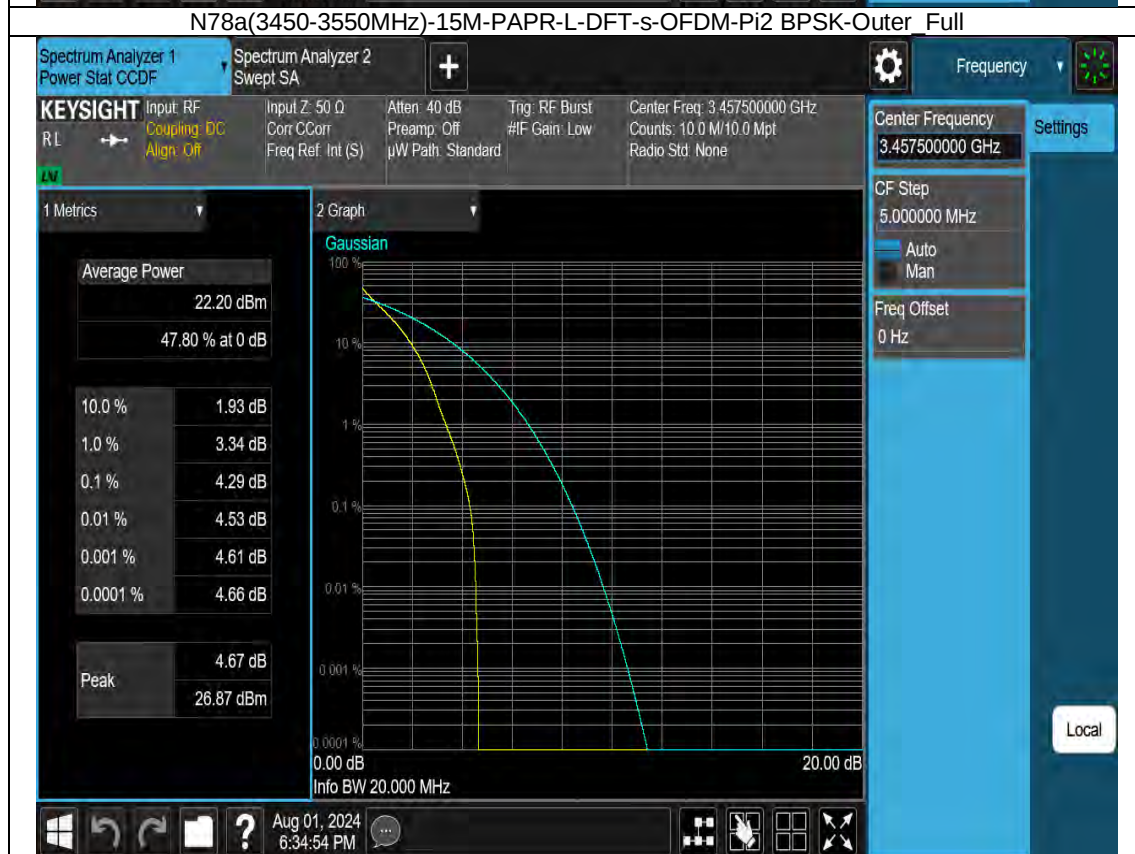
5G NR N78a(3450-3550MHz) SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.17	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.6	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.29	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.73	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.74	<=13	Pass

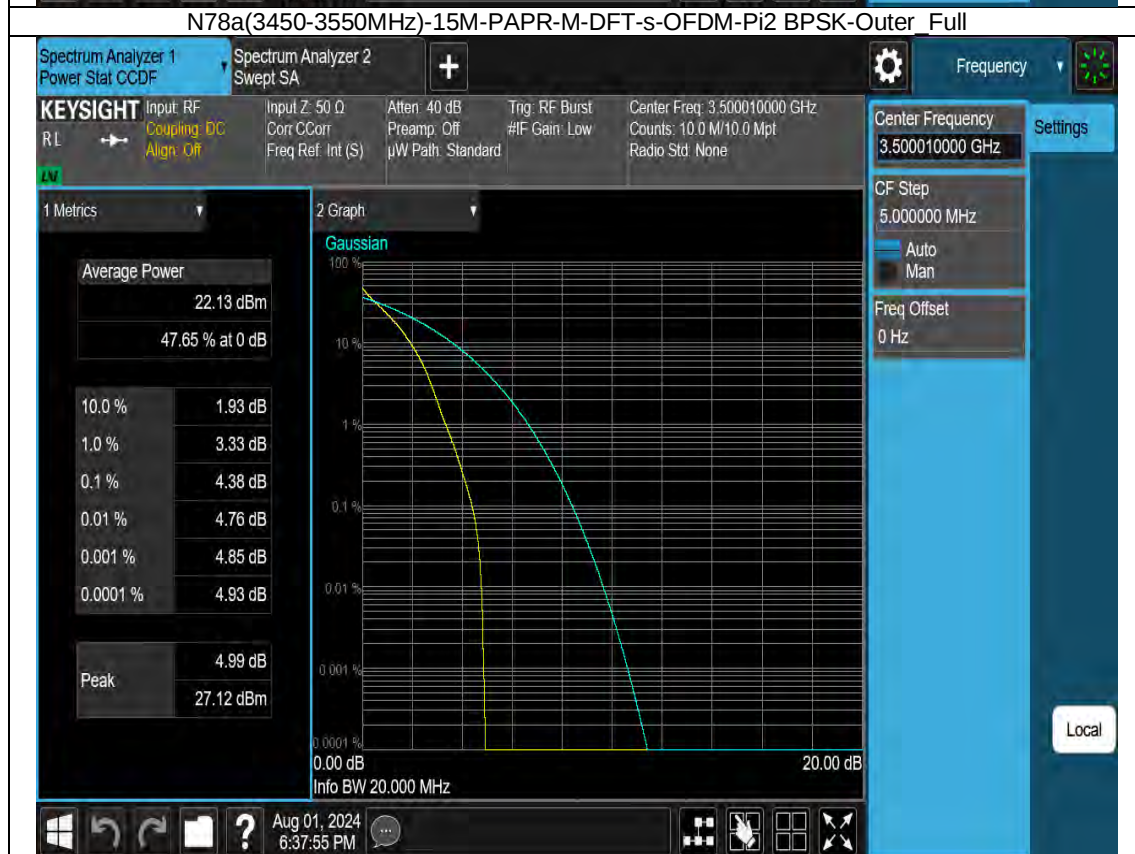
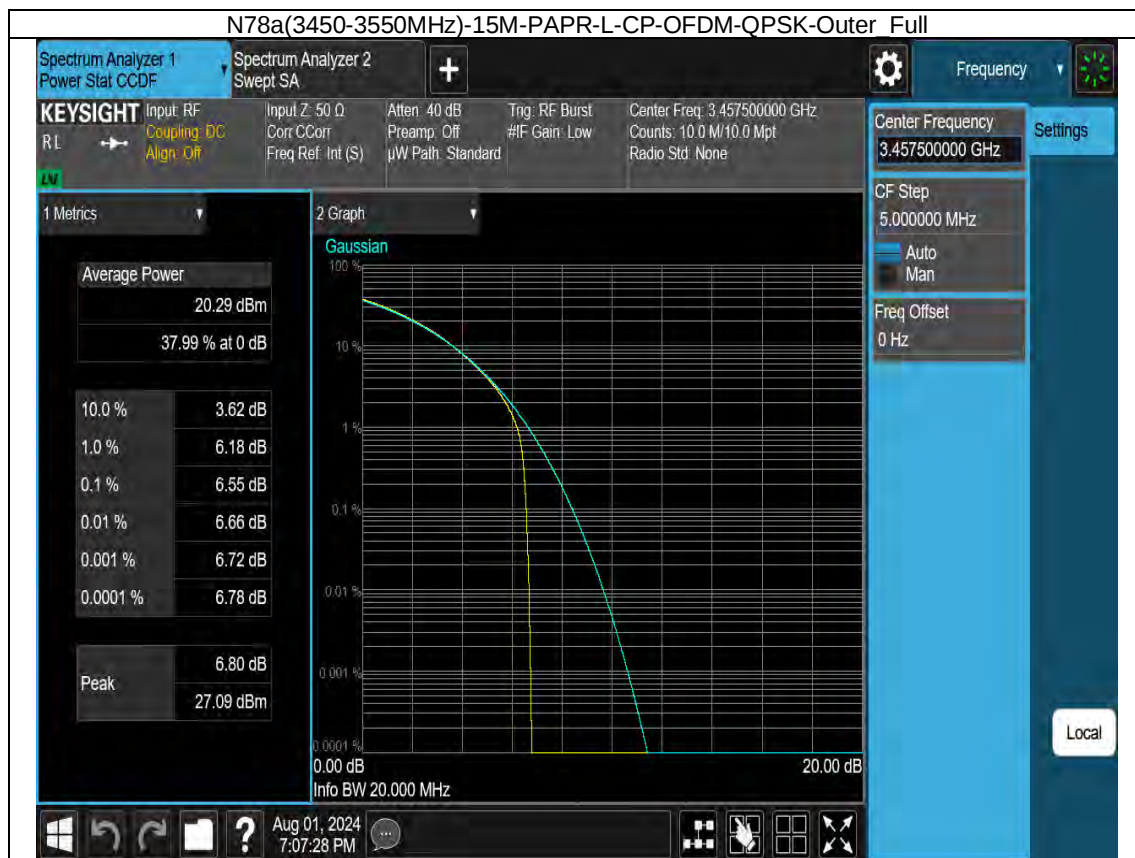
Test Graph

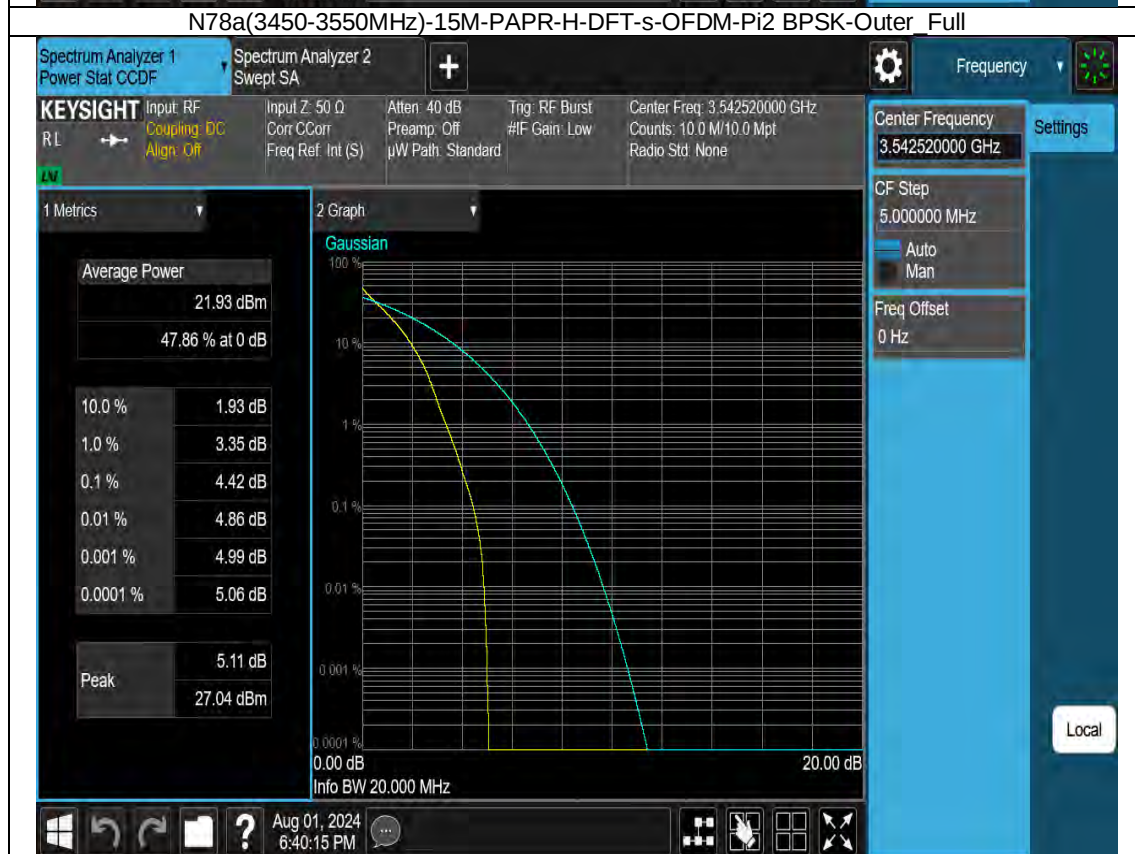


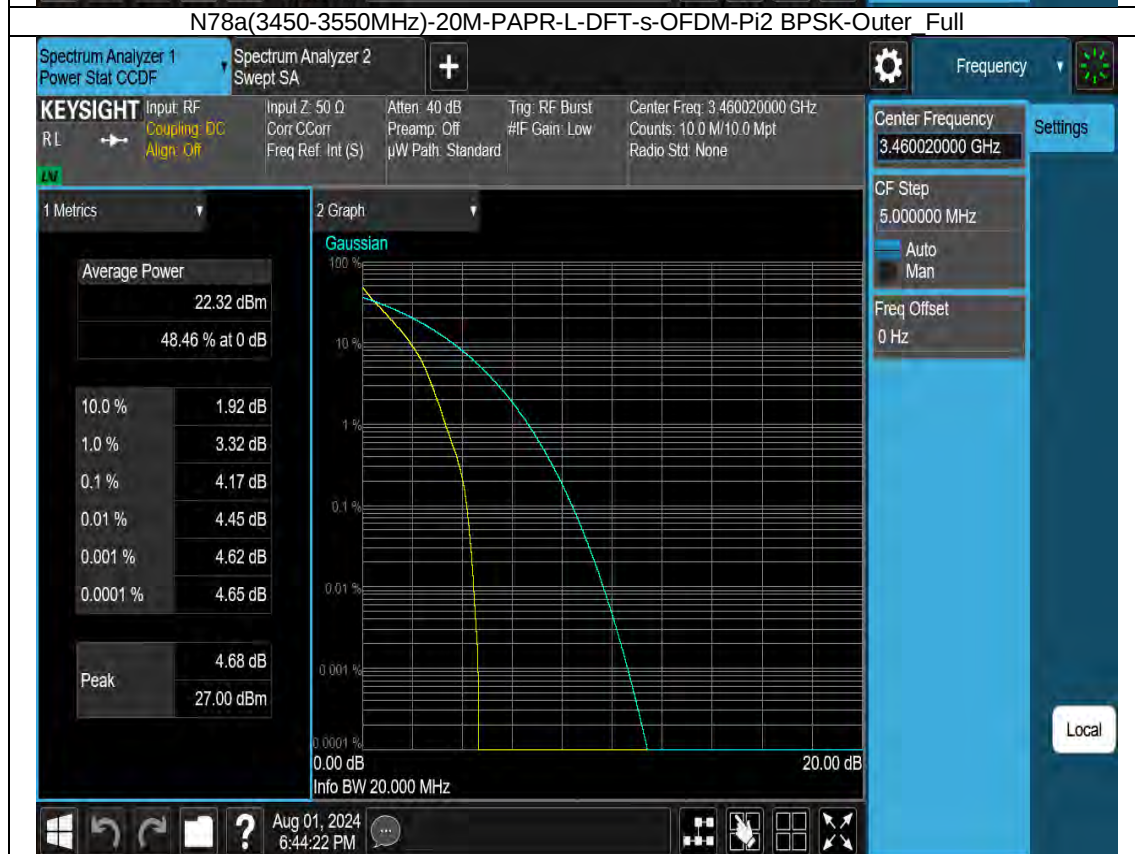


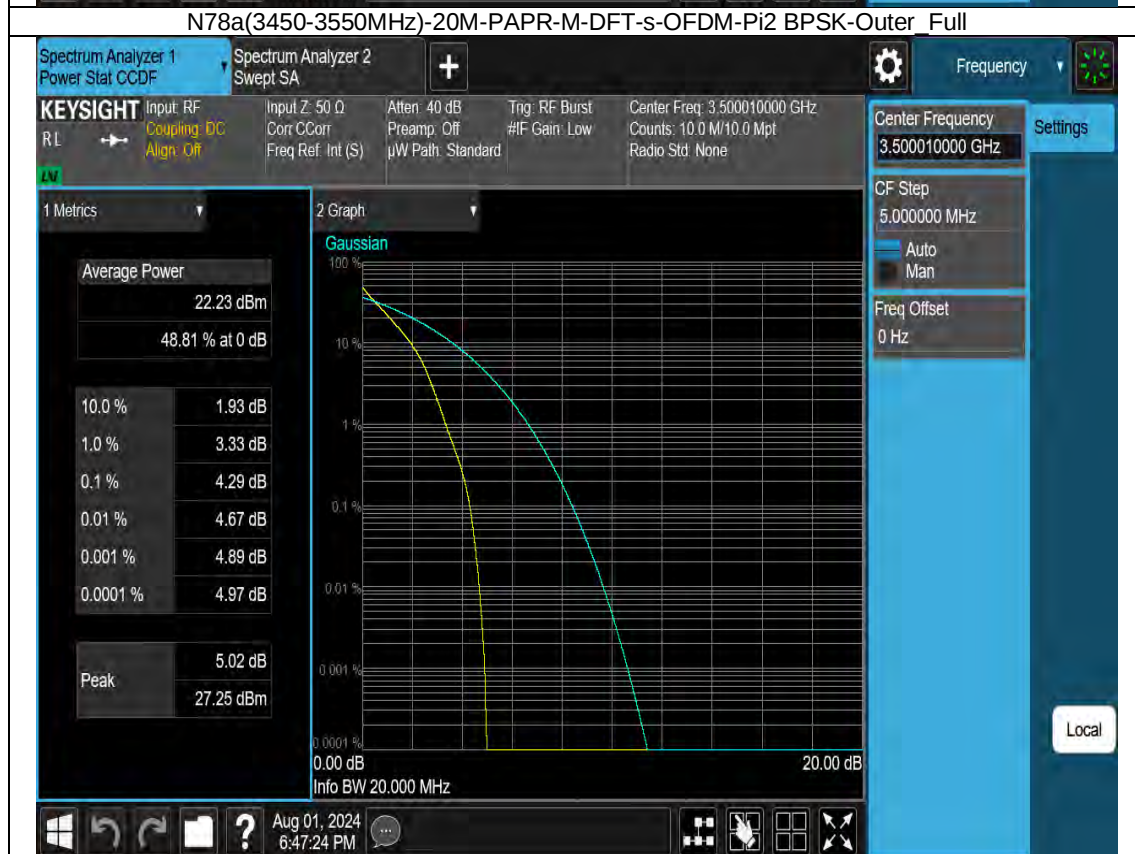


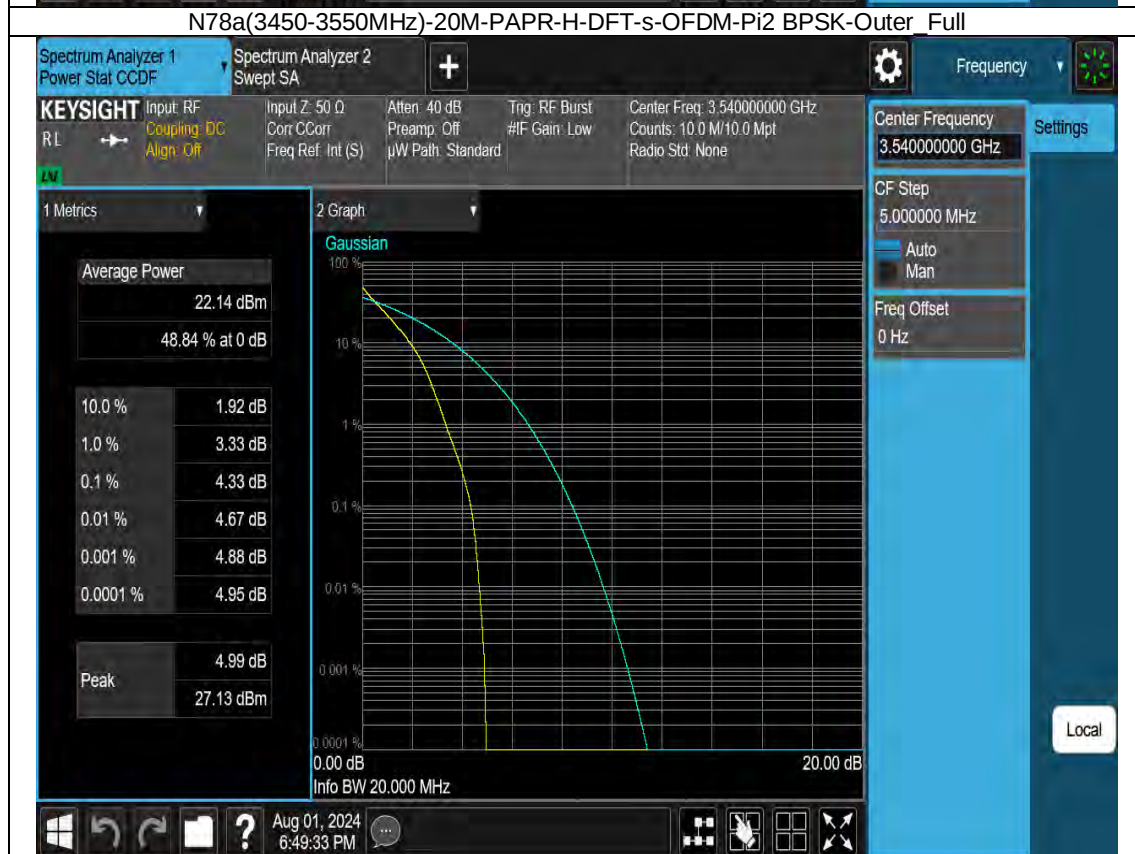




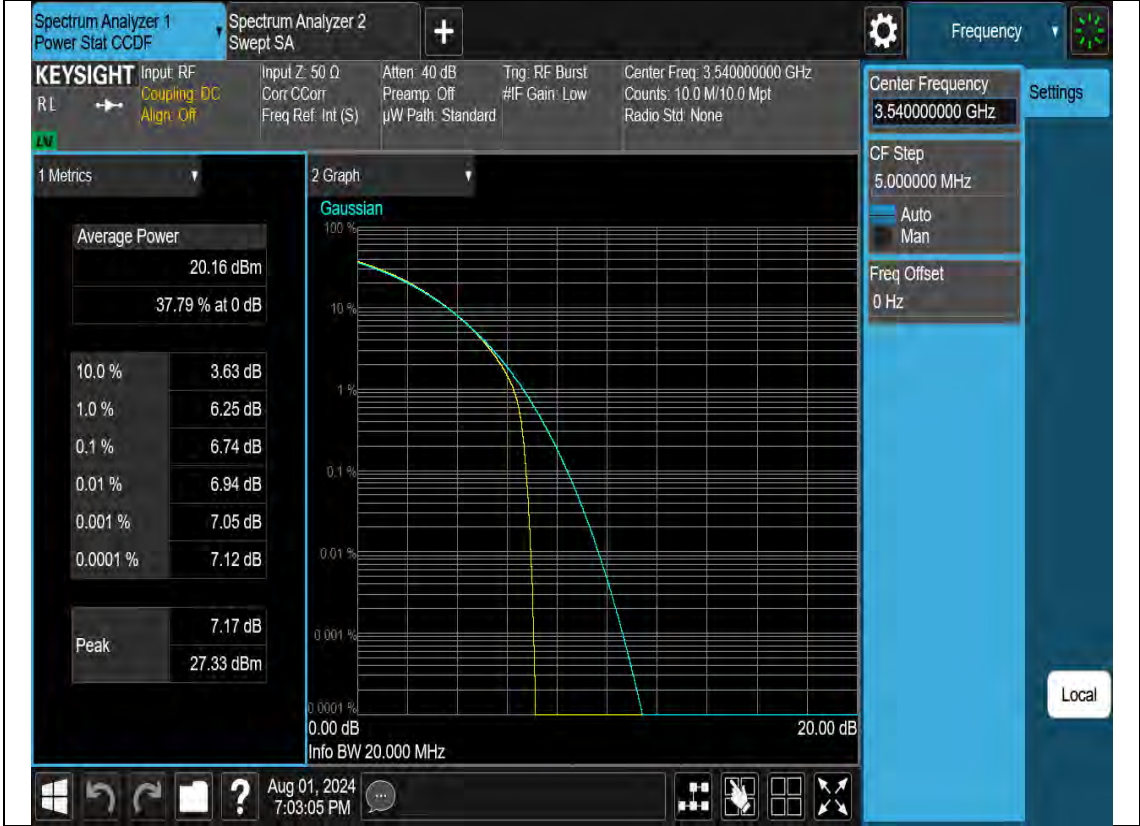








N78a(3450-3550MHz)-20M-PAPR-H-CP-OFDM-QPSK-Outer Full

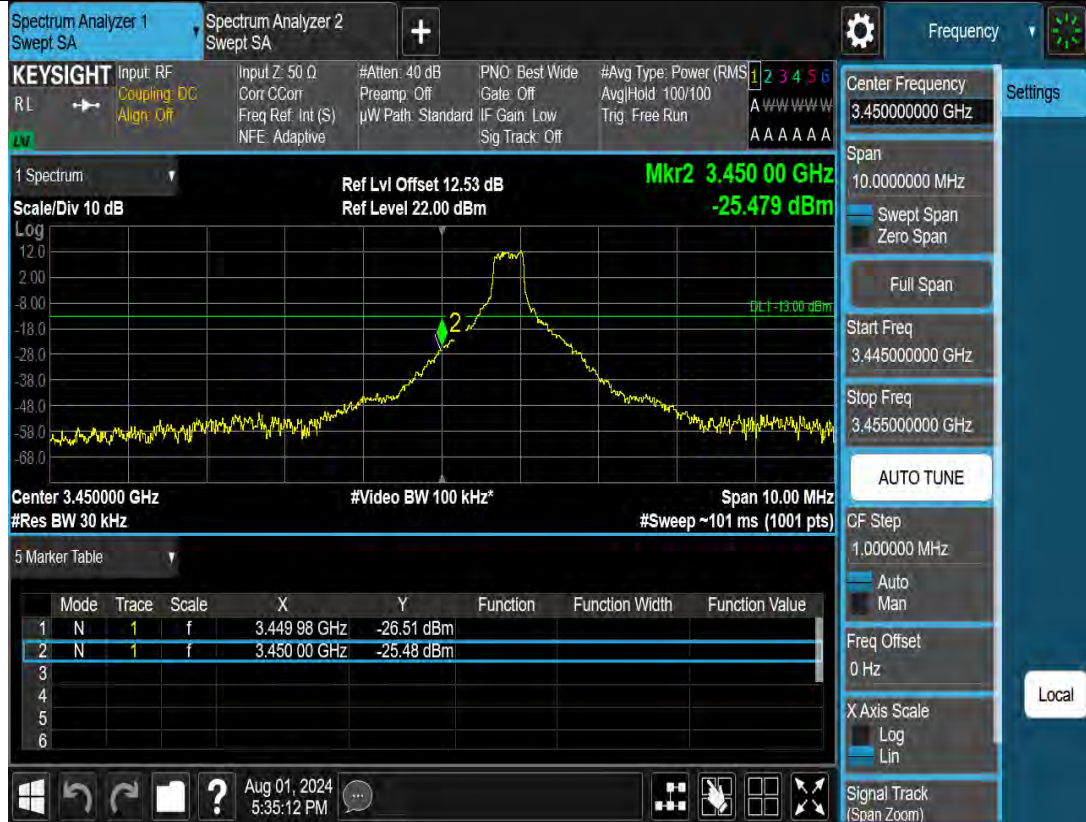


Bandedge

test graph



N78a(3450-3550MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N78a(3450-3550MHz)-10M-Bandedge-L-CP-OFDM-QPSK-Outer Full



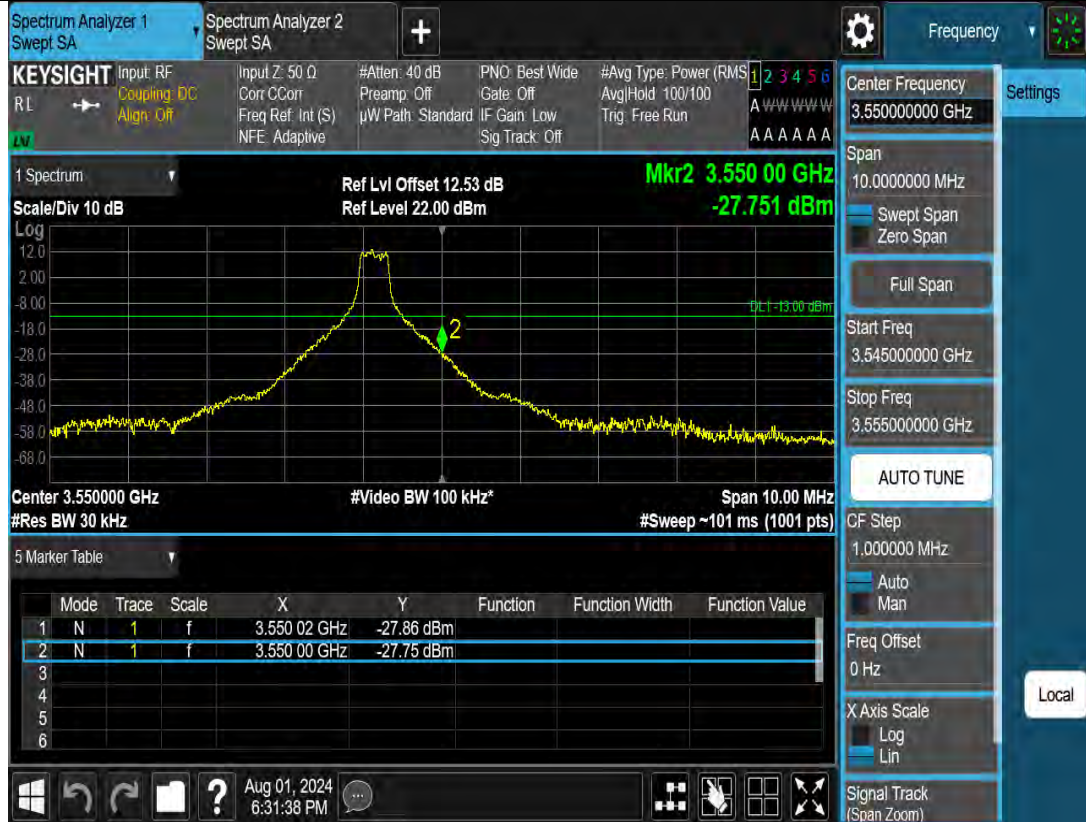
N78a(3450-3550MHz)-10M-Bandedge-L-CP-OFDM-QPSK-1RB0



N78a(3450-3550MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



N78a(3450-3550MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



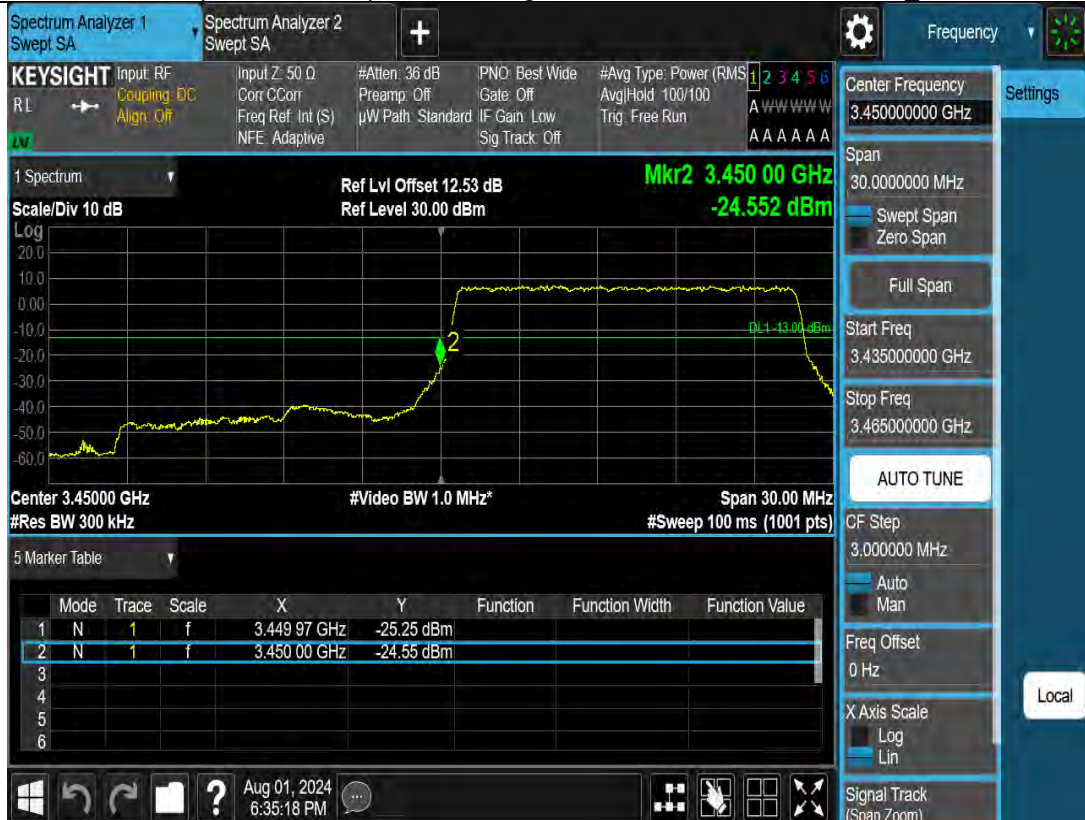
N78a(3450-3550MHz)-10M-Bandedge-H-CP-OFDM-QPSK-Outer Full



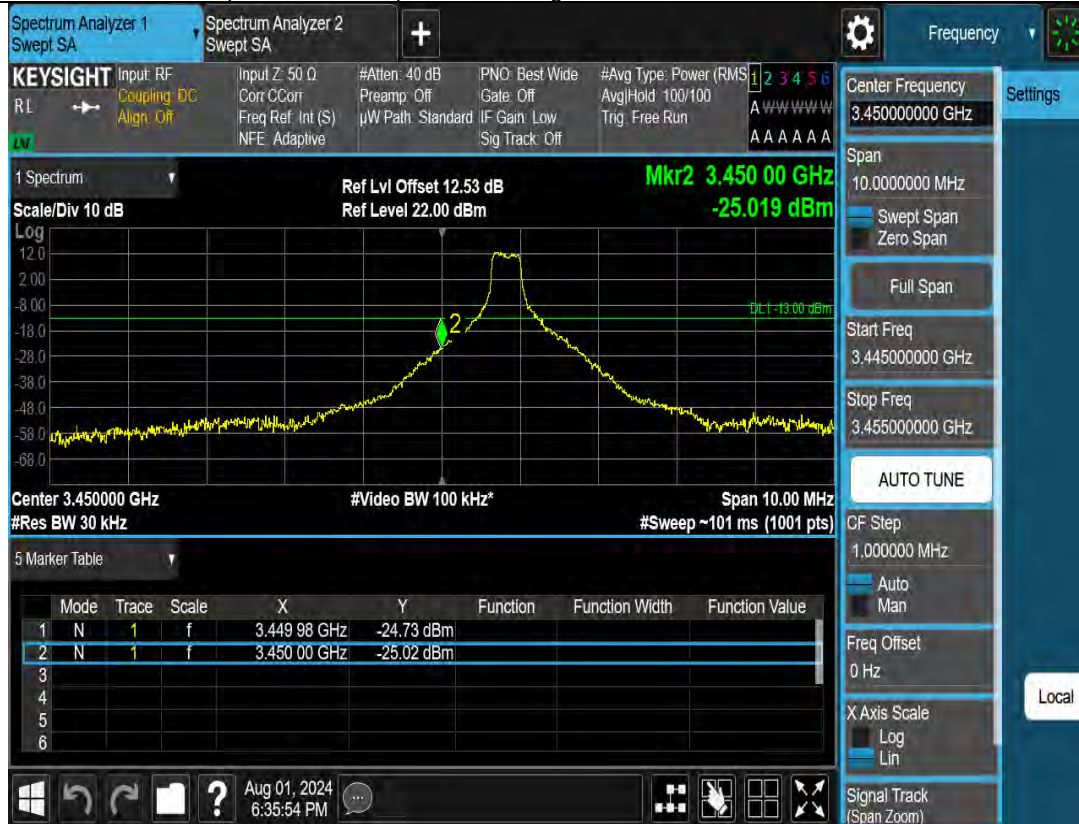
N78a(3450-3550MHz)-10M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



N78a(3450-3550MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer Full



N78a(3450-3550MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N78a(3450-3550MHz)-15M-Bandedge-L-CP-OFDM-QPSK-Outer Full



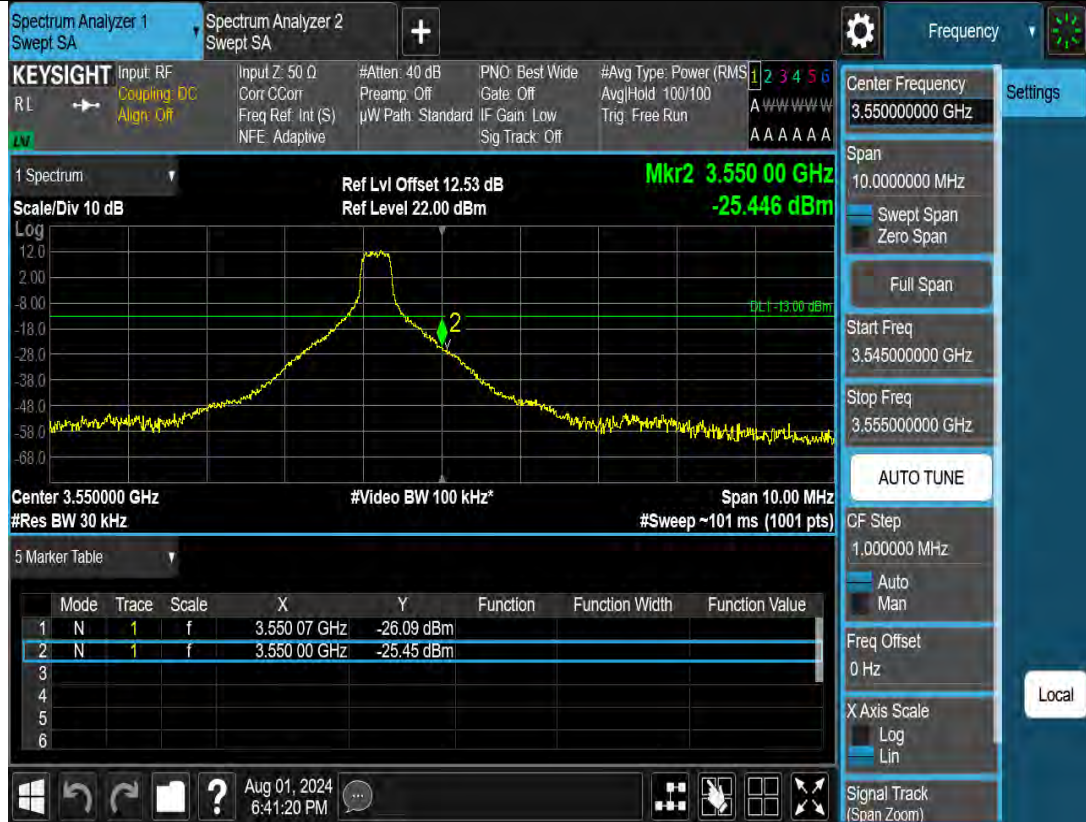
N78a(3450-3550MHz)-15M-Bandedge-L-CP-OFDM-QPSK-1RB0



N78a(3450-3550MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



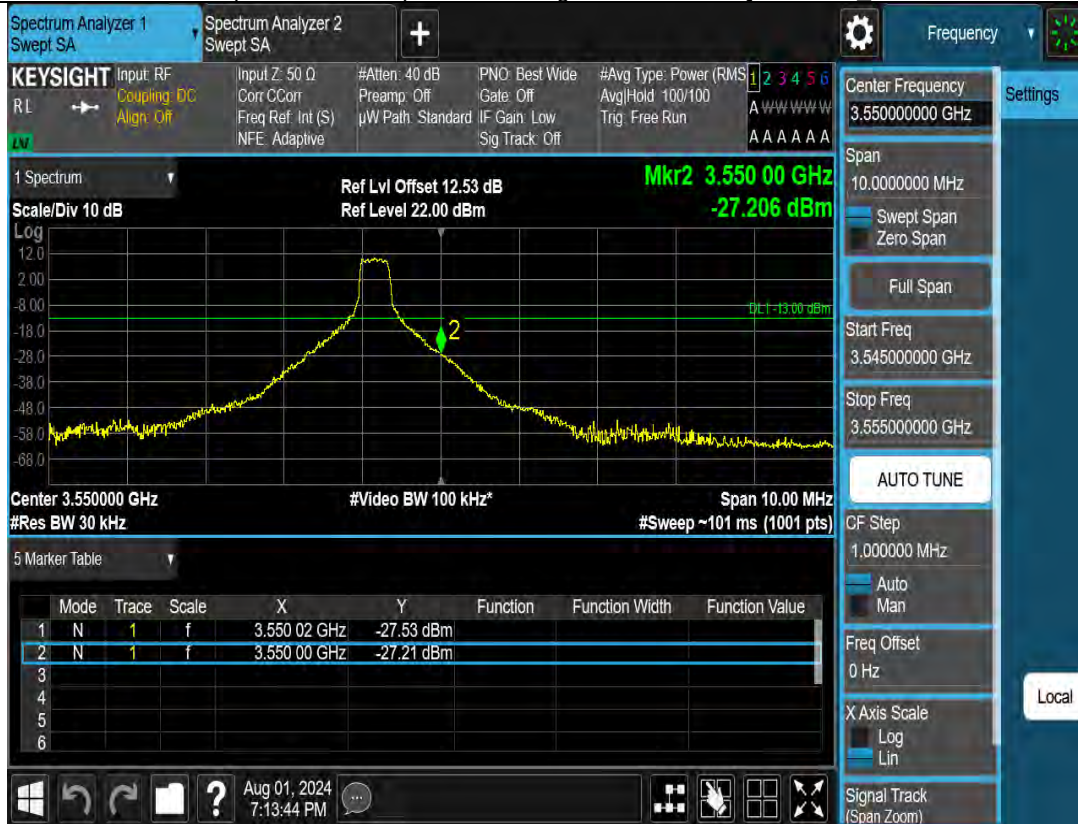
N78a(3450-3550MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N78a(3450-3550MHz)-15M-Bandedge-H-CP-OFDM-QPSK-Outer Full



N78a(3450-3550MHz)-15M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



N78a(3450-3550MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer Full



N78a(3450-3550MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N78a(3450-3550MHz)-20M-Bandedge-L-CP-OFDM-QPSK-Outer Full



N78a(3450-3550MHz)-20M-Bandedge-L-CP-OFDM-QPSK-1RB0



N78a(3450-3550MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



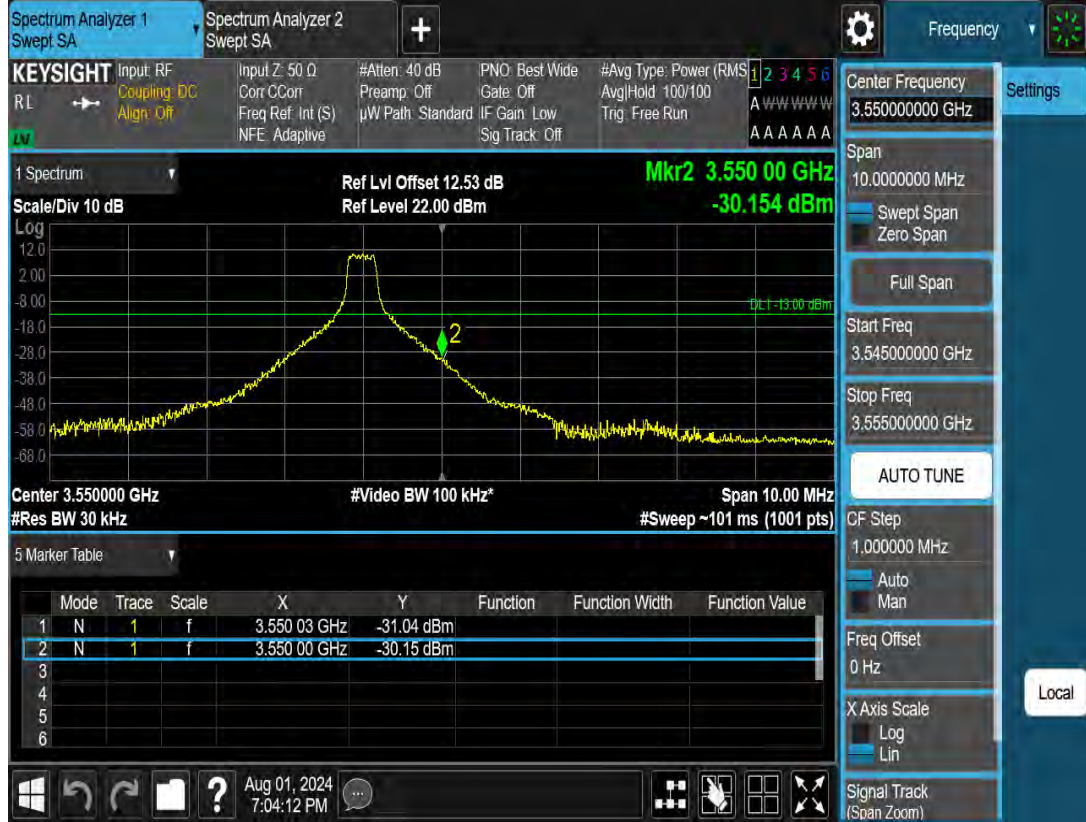
N78a(3450-3550MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N78a(3450-3550MHz)-20M-Bandedge-H-CP-OFDM-QPSK-Outer Full

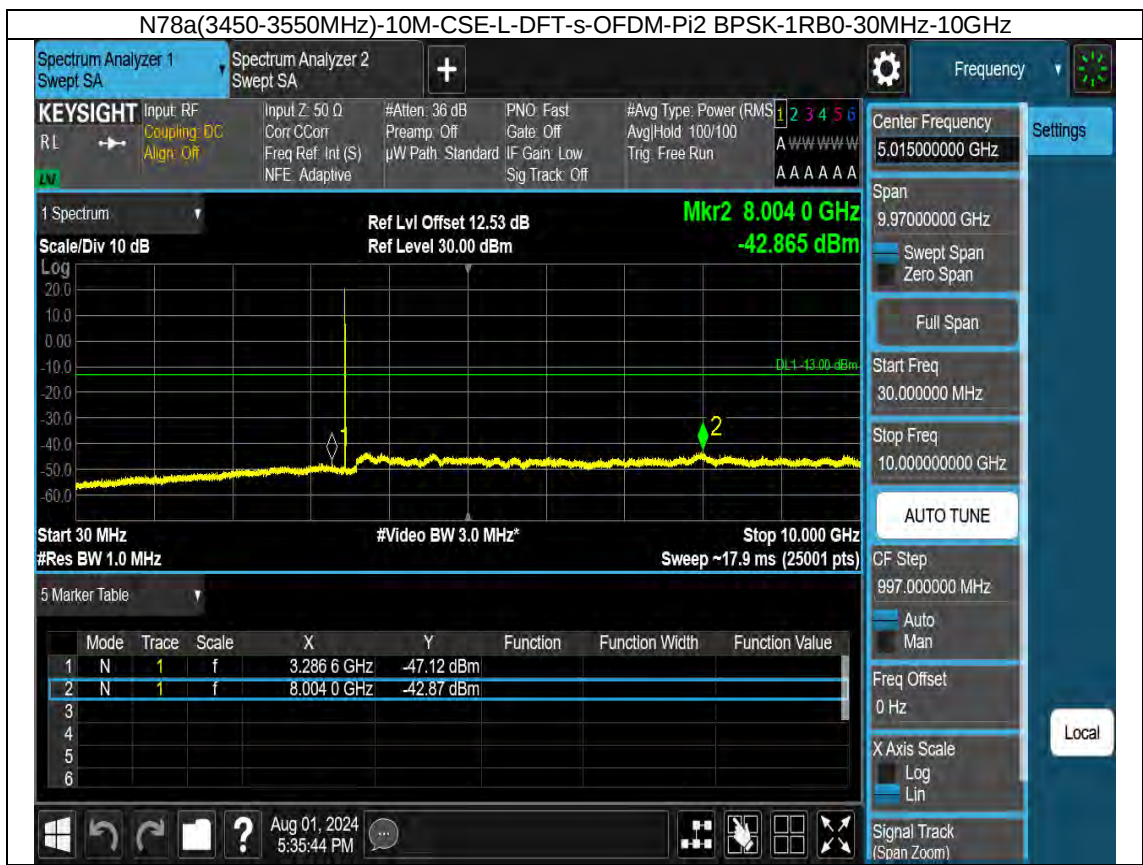


N78a(3450-3550MHz)-20M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



Conducted spurious emissions

test graph

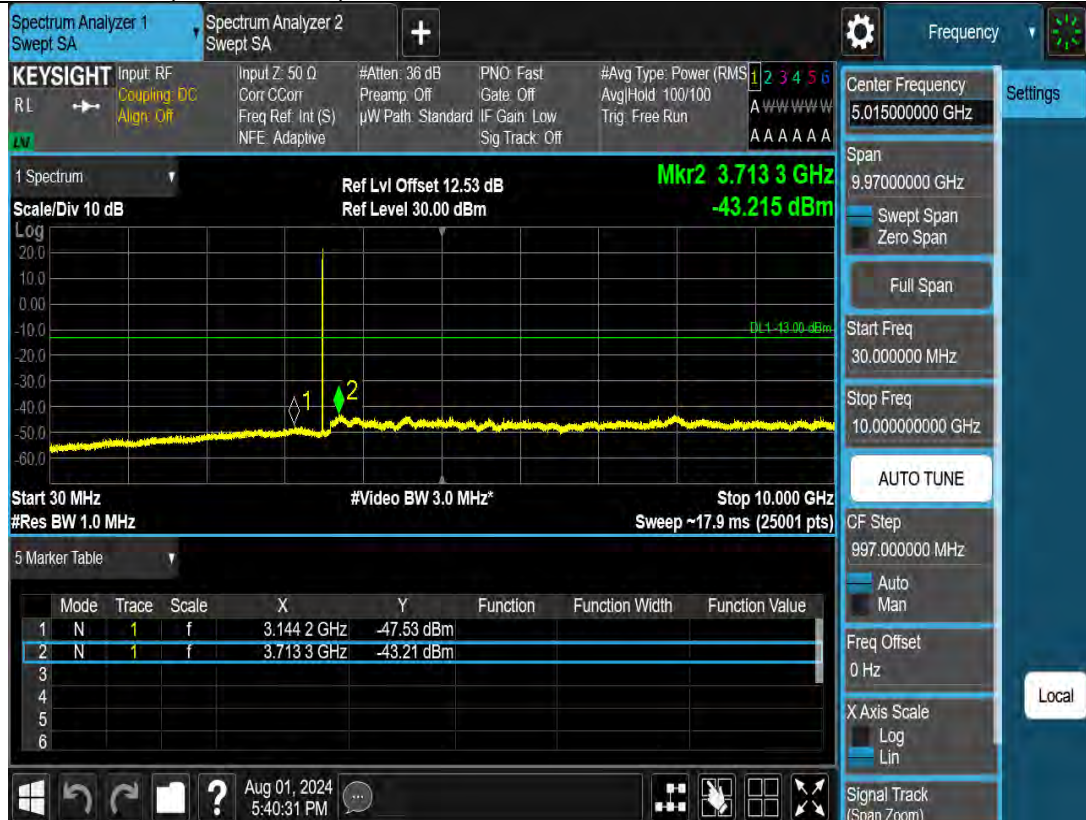




N78a(3450-3550MHz)-10M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-10M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-40GHz



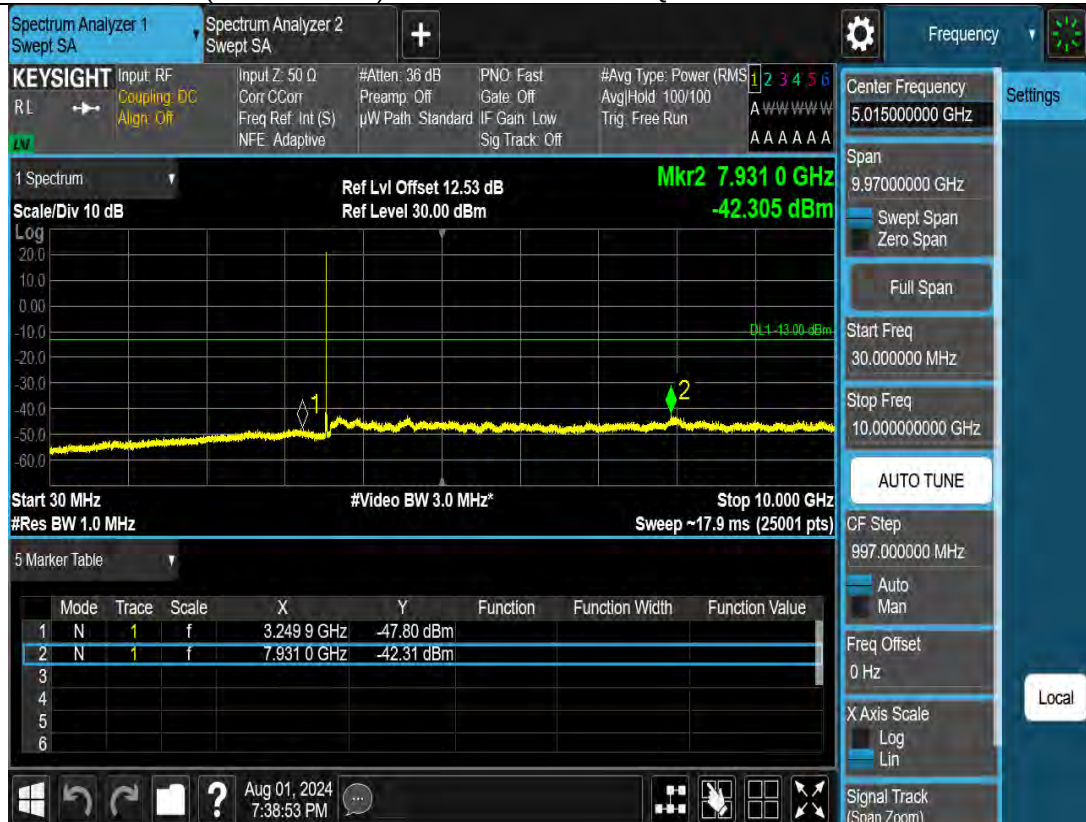
N78a(3450-3550MHz)-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-10M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-10M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-15M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-15M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



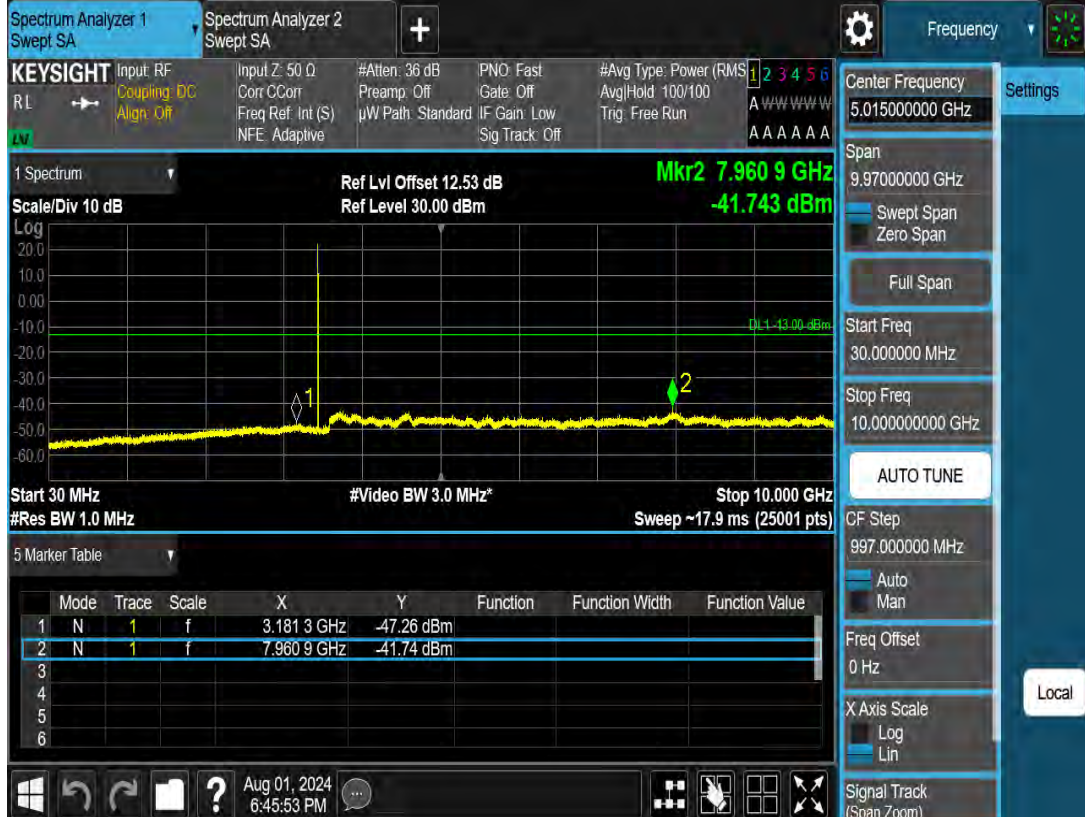
N78a(3450-3550MHz)-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-15M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-20M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-20M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



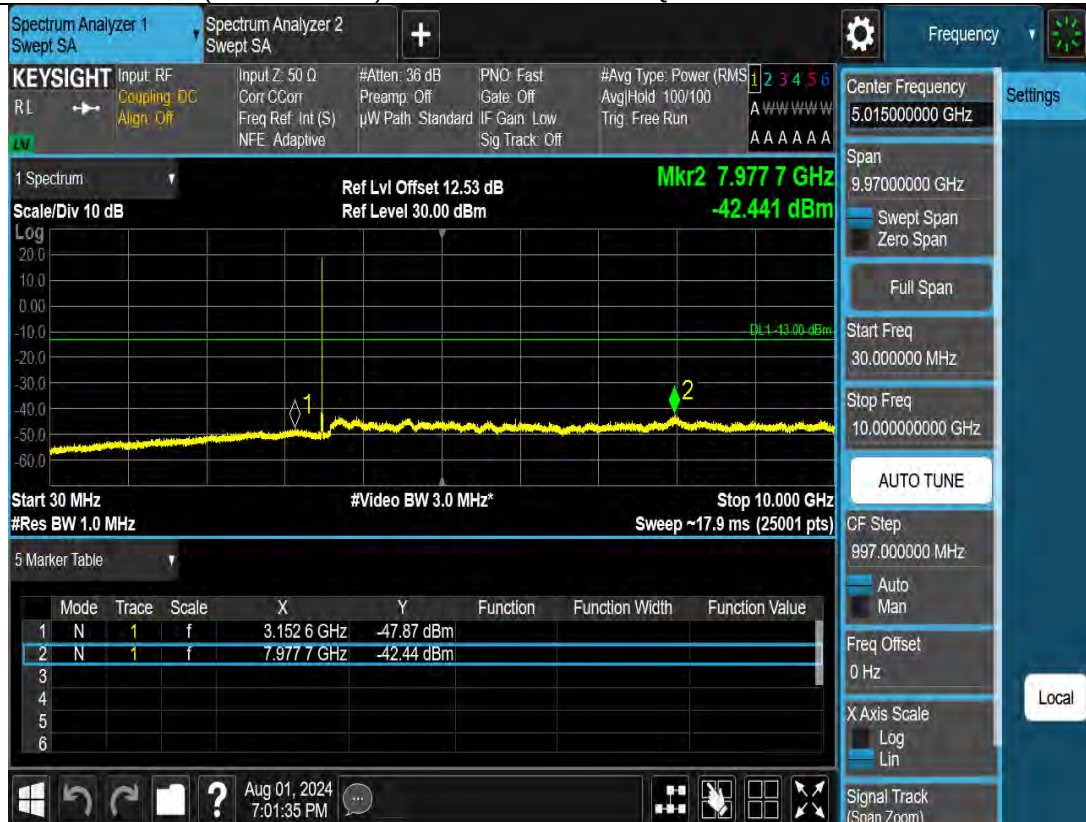
N78a(3450-3550MHz)-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-20M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



The screenshot displays a Spectrum Analyzer interface with the following components:

- Top Panel:**
 - Device/Signal: N78a(3450-3550MHz)-20M-CSE-M-CP-OFDM-QPSK-1RB0-7GHz-40GHz
 - Buttons: Spectrum Analyzer 1, Spectrum Analyzer 2, and a plus sign (+).
 - Settings: Gear icon, Frequency dropdown, and a signal icon.
- KEYSIGHT Panel:**
 - Input: RF, Coupling: DC, Align: Off
 - Input Z: 50 Ω , Corr: CCorr, Freq Ref: Int (S), NFE: Adaptive
 - #Atten: 30 dB, Preamp: Off, μ W Path: Standard
 - PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off
 - #Avg Type: Power (RMS), Avg/Hold: 100/100, Trig: Free Run
 - Readings: 1 2 3 4 5 6, A W W W W W, A A A A A A
- Display Area:**
 - 1 Spectrum
 - Scale/Div 10 dB
 - Ref Lvl Offset 12.53 dB, Ref Level 30.00 dBm
 - Marker 1: 38.965 5 GHz, -38.963 dBm
 - Graph: A spectrum plot with a yellow trace and a green horizontal line at -38.963 dBm.
 - Start 10.00 GHz, #Res BW 1.0 MHz, #Video BW 3.0 MHz, Stop 40.00 GHz, Sweep ~55.6 ms (60001 pts)
- 5 Marker Table:**

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	f	f	38.965 5 GHz	-38.96 dBm			
2								
3								
4								
5								
6								
- Right Panel:**
 - Center Frequency: 25.000000000 GHz
 - Span: 30.00000000 GHz
 - Swept Span: Zero Span
 - Full Span button
 - Start Freq: 10.000000000 GHz
 - Stop Freq: 40.000000000 GHz
 - AUTO TUNE button
 - CF Step: 3.000000000 GHz
 - Auto/Man toggle
 - Freq Offset: 0 Hz
 - X Axis Scale: Log/Lin toggle
 - Signal Track (Span Zoom)
 - Settings button
 - Local button
- Bottom Panel:**
 - Windows taskbar: Start button, Task View, File Explorer, Settings, and a search bar.
 - System tray: Date/Time (Aug 01, 2024 7:02:21 PM), Network, and Volume icons.
 - Navigation icons: Home, Back, Forward, and other controls.

[illegible]

N78a(3450-3550MHz)-20M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N78a(3450-3550MHz)-20M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N78a(3450-3550MHz)-20M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-40GHz



Effective (Isotropic) Radiated Power Output Data

Bandwidth	Modulation	Frequency(MHz)	RB Allocation	Conducted Power(dBm)	EIRP(dBm)	Limit	Verdict	Gain
10MHz	DFT-s-OFDM PI/2 BPSK	3455.01MHz	Edge_Full_Left	23.23	19.1	30	Pass	-4.13
			Edge_Full_Right	23.08	18.95	30	Pass	-4.13
			Edge_1RB_Left	22.92	18.79	30	Pass	-4.13
			Edge_1RB_Right	23.04	18.91	30	Pass	-4.13
			Outer_Full	23.14	19.01	30	Pass	-4.13
			Inner_Full	23.46	19.33	30	Pass	-4.13
			Inner_1RB_Left	23.54	19.41	30	Pass	-4.13
			Inner_1RB_Right	23.23	19.1	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.76	18.63	30	Pass	-4.13
			Edge_Full_Right	22.82	18.69	30	Pass	-4.13
			Edge_1RB_Left	22.34	18.21	30	Pass	-4.13
			Edge_1RB_Right	22.5	18.37	30	Pass	-4.13
			Outer_Full	22.72	18.59	30	Pass	-4.13
			Inner_Full	23.35	19.22	30	Pass	-4.13
			Inner_1RB_Left	23.75	19.62	30	Pass	-4.13
			Inner_1RB_Right	23.6	19.47	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.75	17.62	30	Pass	-4.13
			Edge_Full_Right	21.53	17.4	30	Pass	-4.13
			Edge_1RB_Left	21.42	17.29	30	Pass	-4.13
			Edge_1RB_Right	21.43	17.3	30	Pass	-4.13
			Outer_Full	22.13	18	30	Pass	-4.13
			Inner_Full	22.97	18.84	30	Pass	-4.13
			Inner_1RB_Left	23.02	18.89	30	Pass	-4.13
			Inner_1RB_Right	22.65	18.52	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.54	17.41	30	Pass	-4.13
			Edge_Full_Right	21.59	17.46	30	Pass	-4.13
			Edge_1RB_Left	21.72	17.59	30	Pass	-4.13
			Edge_1RB_Right	22.02	17.89	30	Pass	-4.13
			Outer_Full	21.29	17.16	30	Pass	-4.13
			Inner_Full	21.26	17.13	30	Pass	-4.13
			Inner_1RB_Left	21.93	17.8	30	Pass	-4.13
			Inner_1RB_Right	21.87	17.74	30	Pass	-4.13
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.47	15.34	30	Pass	-4.13
			Edge_Full_Right	19.24	15.11	30	Pass	-4.13
			Edge_1RB_Left	19.55	15.42	30	Pass	-4.13
			Edge_1RB_Right	19.76	15.63	30	Pass	-4.13
			Outer_Full	19.23	15.1	30	Pass	-4.13
			Inner_Full	18.95	14.82	30	Pass	-4.13
			Inner_1RB_Left	19.42	15.29	30	Pass	-4.13
			Inner_1RB_Right	19.44	15.31	30	Pass	-4.13

	CP-OFDM QPSK	3500.01MHz	Edge_Full_Left	20.88	16.75	30	Pass	-4.13
			Edge_Full_Right	20.86	16.73	30	Pass	-4.13
			Edge_1RB_Left	20.13	16	30	Pass	-4.13
			Edge_1RB_Right	19.84	15.71	30	Pass	-4.13
			Outer_Full	20.72	16.59	30	Pass	-4.13
			Inner_Full	22.5	18.37	30	Pass	-4.13
			Inner_1RB_Left	21.5	17.37	30	Pass	-4.13
			Inner_1RB_Right	21.59	17.46	30	Pass	-4.13
	CP-OFDM 16QAM		Edge_Full_Left	20.6	16.47	30	Pass	-4.13
			Edge_Full_Right	20.42	16.29	30	Pass	-4.13
			Edge_1RB_Left	19.87	15.74	30	Pass	-4.13
			Edge_1RB_Right	19.88	15.75	30	Pass	-4.13
			Outer_Full	21.15	17.02	30	Pass	-4.13
			Inner_Full	21.69	17.56	30	Pass	-4.13
			Inner_1RB_Left	21.37	17.24	30	Pass	-4.13
			Inner_1RB_Right	21.02	16.89	30	Pass	-4.13
	CP-OFDM 64QAM		Edge_Full_Left	19.61	15.48	30	Pass	-4.13
			Edge_Full_Right	19.48	15.35	30	Pass	-4.13
			Edge_1RB_Left	19.74	15.61	30	Pass	-4.13
			Edge_1RB_Right	19.8	15.67	30	Pass	-4.13
			Outer_Full	20.65	16.52	30	Pass	-4.13
			Inner_Full	20.21	16.08	30	Pass	-4.13
			Inner_1RB_Left	20.26	16.13	30	Pass	-4.13
			Inner_1RB_Right	19.63	15.5	30	Pass	-4.13
	CP-OFDM 256QAM		Edge_Full_Left	16.78	12.65	30	Pass	-4.13
			Edge_Full_Right	16.9	12.77	30	Pass	-4.13
			Edge_1RB_Left	18.43	14.3	30	Pass	-4.13
			Edge_1RB_Right	18.16	14.03	30	Pass	-4.13
			Outer_Full	17.13	13	30	Pass	-4.13
			Inner_Full	17.25	13.12	30	Pass	-4.13
			Inner_1RB_Left	18.58	14.45	30	Pass	-4.13
			Inner_1RB_Right	18.41	14.28	30	Pass	-4.13
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.21	19.08	30	Pass	-4.13
			Edge_Full_Right	22.96	18.83	30	Pass	-4.13
			Edge_1RB_Left	23.1	18.97	30	Pass	-4.13
			Edge_1RB_Right	23.34	19.21	30	Pass	-4.13
			Outer_Full	23.22	19.09	30	Pass	-4.13
			Inner_Full	23.47	19.34	30	Pass	-4.13
			Inner_1RB_Left	23.53	19.4	30	Pass	-4.13
			Inner_1RB_Right	23.29	19.16	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.95	18.82	30	Pass	-4.13
			Edge_Full_Right	22.7	18.57	30	Pass	-4.13
			Edge_1RB_Left	22.89	18.76	30	Pass	-4.13

		Edge_1RB_Right	22.84	18.71	30	Pass	-4.13
		Outer_Full	22.94	18.81	30	Pass	-4.13
		Inner_Full	23.39	19.26	30	Pass	-4.13
		Inner_1RB_Left	23.16	19.03	30	Pass	-4.13
		Inner_1RB_Right	23.38	19.25	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Left	22.05	17.92	30	Pass	-4.13
		Edge_Full_Right	21.96	17.83	30	Pass	-4.13
		Edge_1RB_Left	21.93	17.8	30	Pass	-4.13
		Edge_1RB_Right	21.64	17.51	30	Pass	-4.13
		Outer_Full	21.99	17.86	30	Pass	-4.13
		Inner_Full	22.97	18.84	30	Pass	-4.13
		Inner_1RB_Left	22.72	18.59	30	Pass	-4.13
		Inner_1RB_Right	22.85	18.72	30	Pass	-4.13
		Edge_Full_Left	21.54	17.41	30	Pass	-4.13
		Edge_Full_Right	21.29	17.16	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Edge_1RB_Left	22.03	17.9	30	Pass	-4.13
		Edge_1RB_Right	22.22	18.09	30	Pass	-4.13
		Outer_Full	21.47	17.34	30	Pass	-4.13
		Inner_Full	21.16	17.03	30	Pass	-4.13
		Inner_1RB_Left	22.16	18.03	30	Pass	-4.13
		Inner_1RB_Right	21.79	17.66	30	Pass	-4.13
		Edge_Full_Left	19.27	15.14	30	Pass	-4.13
		Edge_Full_Right	19.11	14.98	30	Pass	-4.13
		Edge_1RB_Left	19.71	15.58	30	Pass	-4.13
		Edge_1RB_Right	19.33	15.2	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Outer_Full	19.27	15.14	30	Pass	-4.13
		Inner_Full	19.08	14.95	30	Pass	-4.13
		Inner_1RB_Left	19.36	15.23	30	Pass	-4.13
		Inner_1RB_Right	19.41	15.28	30	Pass	-4.13
		Edge_Full_Left	21.16	17.03	30	Pass	-4.13
		Edge_Full_Right	20.92	16.79	30	Pass	-4.13
		Edge_1RB_Left	20.1	15.97	30	Pass	-4.13
		Edge_1RB_Right	20.1	15.97	30	Pass	-4.13
		Outer_Full	20.85	16.72	30	Pass	-4.13
		Inner_Full	22.3	18.17	30	Pass	-4.13
	CP-OFDM QPSK	Inner_1RB_Left	21.61	17.48	30	Pass	-4.13
		Inner_1RB_Right	21.64	17.51	30	Pass	-4.13
		Edge_Full_Left	20.56	16.43	30	Pass	-4.13
		Edge_Full_Right	20.8	16.67	30	Pass	-4.13
		Edge_1RB_Left	20.46	16.33	30	Pass	-4.13
		Edge_1RB_Right	20.68	16.55	30	Pass	-4.13
		Outer_Full	21.04	16.91	30	Pass	-4.13
		Inner_Full	21.74	17.61	30	Pass	-4.13
	CP-OFDM 16QAM						

	CP-OFDM 64QAM		Inner_1RB_Left	21.3	17.17	30	Pass	-4.13
			Inner_1RB_Right	21.55	17.42	30	Pass	-4.13
			Edge_Full_Left	19.61	15.48	30	Pass	-4.13
			Edge_Full_Right	19.58	15.45	30	Pass	-4.13
			Edge_1RB_Left	19.58	15.45	30	Pass	-4.13
			Edge_1RB_Right	19.75	15.62	30	Pass	-4.13
			Outer_Full	20.62	16.49	30	Pass	-4.13
			Inner_Full	20.06	15.93	30	Pass	-4.13
			Inner_1RB_Left	19.24	15.11	30	Pass	-4.13
			Inner_1RB_Right	19.82	15.69	30	Pass	-4.13
	CP-OFDM 256QAM		Edge_Full_Left	16.92	12.79	30	Pass	-4.13
			Edge_Full_Right	17.01	12.88	30	Pass	-4.13
			Edge_1RB_Left	18.94	14.81	30	Pass	-4.13
			Edge_1RB_Right	18.52	14.39	30	Pass	-4.13
			Outer_Full	17.35	13.22	30	Pass	-4.13
			Inner_Full	17.36	13.23	30	Pass	-4.13
			Inner_1RB_Left	18.71	14.58	30	Pass	-4.13
			Inner_1RB_Right	18.35	14.22	30	Pass	-4.13
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.05	18.92	30	Pass	-4.13
			Edge_Full_Right	22.98	18.85	30	Pass	-4.13
			Edge_1RB_Left	23.12	18.99	30	Pass	-4.13
			Edge_1RB_Right	23.01	18.88	30	Pass	-4.13
			Outer_Full	23.28	19.15	30	Pass	-4.13
			Inner_Full	23.51	19.38	30	Pass	-4.13
			Inner_1RB_Left	23.11	18.98	30	Pass	-4.13
			Inner_1RB_Right	23.55	19.42	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.35	18.22	30	Pass	-4.13
			Edge_Full_Right	22.78	18.65	30	Pass	-4.13
			Edge_1RB_Left	22.37	18.24	30	Pass	-4.13
			Edge_1RB_Right	22.28	18.15	30	Pass	-4.13
			Outer_Full	22.83	18.7	30	Pass	-4.13
			Inner_Full	23.28	19.15	30	Pass	-4.13
			Inner_1RB_Left	23.37	19.24	30	Pass	-4.13
			Inner_1RB_Right	23.45	19.32	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.52	17.39	30	Pass	-4.13
			Edge_Full_Right	21.13	17	30	Pass	-4.13
			Edge_1RB_Left	21.36	17.23	30	Pass	-4.13
			Edge_1RB_Right	21.54	17.41	30	Pass	-4.13
			Outer_Full	21.82	17.69	30	Pass	-4.13
			Inner_Full	22.67	18.54	30	Pass	-4.13
			Inner_1RB_Left	22.82	18.69	30	Pass	-4.13
			Inner_1RB_Right	22.66	18.53	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.68	17.55	30	Pass	-4.13

		Edge_Full_Right	21.65	17.52	30	Pass	-4.13
		Edge_1RB_Left	22.02	17.89	30	Pass	-4.13
		Edge_1RB_Right	21.97	17.84	30	Pass	-4.13
		Outer_Full	21.46	17.33	30	Pass	-4.13
		Inner_Full	20.93	16.8	30	Pass	-4.13
		Inner_1RB_Left	22.09	17.96	30	Pass	-4.13
		Inner_1RB_Right	22.25	18.12	30	Pass	-4.13
		Edge_Full_Left	19.4	15.27	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Right	19.28	15.15	30	Pass	-4.13
		Edge_1RB_Left	19.66	15.53	30	Pass	-4.13
		Edge_1RB_Right	19.36	15.23	30	Pass	-4.13
		Outer_Full	18.97	14.84	30	Pass	-4.13
		Inner_Full	18.91	14.78	30	Pass	-4.13
		Inner_1RB_Left	19.61	15.48	30	Pass	-4.13
		Inner_1RB_Right	19.37	15.24	30	Pass	-4.13
		Edge_Full_Left	21.09	16.96	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.66	16.53	30	Pass	-4.13
		Edge_1RB_Left	20.26	16.13	30	Pass	-4.13
		Edge_1RB_Right	20.14	16.01	30	Pass	-4.13
		Outer_Full	20.87	16.74	30	Pass	-4.13
		Inner_Full	22.06	17.93	30	Pass	-4.13
		Inner_1RB_Left	21.81	17.68	30	Pass	-4.13
		Inner_1RB_Right	21.79	17.66	30	Pass	-4.13
		Edge_Full_Left	20.72	16.59	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Right	20.39	16.26	30	Pass	-4.13
		Edge_1RB_Left	20.02	15.89	30	Pass	-4.13
		Edge_1RB_Right	19.74	15.61	30	Pass	-4.13
		Outer_Full	20.76	16.63	30	Pass	-4.13
		Inner_Full	22.11	17.98	30	Pass	-4.13
		Inner_1RB_Left	21.59	17.46	30	Pass	-4.13
		Inner_1RB_Right	21.18	17.05	30	Pass	-4.13
		Edge_Full_Left	19.23	15.1	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_Full_Right	19.58	15.45	30	Pass	-4.13
		Edge_1RB_Left	19.95	15.82	30	Pass	-4.13
		Edge_1RB_Right	19.7	15.57	30	Pass	-4.13
		Outer_Full	20.45	16.32	30	Pass	-4.13
		Inner_Full	19.9	15.77	30	Pass	-4.13
		Inner_1RB_Left	20.08	15.95	30	Pass	-4.13
		Inner_1RB_Right	19.96	15.83	30	Pass	-4.13
		Edge_Full_Left	16.94	12.81	30	Pass	-4.13
	CP-OFDM 256QAM	Edge_Full_Right	16.98	12.85	30	Pass	-4.13
		Edge_1RB_Left	18.09	13.96	30	Pass	-4.13
		Edge_1RB_Right	18.8	14.67	30	Pass	-4.13

			Outer_Full	17.07	12.94	30	Pass	-4.13
			Inner_Full	17	12.87	30	Pass	-4.13
			Inner_1RB_Left	18.02	13.89	30	Pass	-4.13
			Inner_1RB_Right	18.25	14.12	30	Pass	-4.13
15MHz	DFT-s-OFDM PI/2 BPSK	3457.5MHz	Edge_Full_Left	23.36	19.23	30	Pass	-4.13
			Edge_Full_Right	22.91	18.78	30	Pass	-4.13
			Edge_1RB_Left	22.91	18.78	30	Pass	-4.13
			Edge_1RB_Right	23	18.87	30	Pass	-4.13
			Outer_Full	23.38	19.25	30	Pass	-4.13
			Inner_Full	23.45	19.32	30	Pass	-4.13
			Inner_1RB_Left	23.32	19.19	30	Pass	-4.13
			Inner_1RB_Right	23.48	19.35	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.92	18.79	30	Pass	-4.13
			Edge_Full_Right	22.78	18.65	30	Pass	-4.13
			Edge_1RB_Left	22.44	18.31	30	Pass	-4.13
			Edge_1RB_Right	22.48	18.35	30	Pass	-4.13
			Outer_Full	22.6	18.47	30	Pass	-4.13
			Inner_Full	23.43	19.3	30	Pass	-4.13
			Inner_1RB_Left	23.57	19.44	30	Pass	-4.13
			Inner_1RB_Right	23.46	19.33	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.55	17.42	30	Pass	-4.13
			Edge_Full_Right	21.59	17.46	30	Pass	-4.13
			Edge_1RB_Left	21.72	17.59	30	Pass	-4.13
			Edge_1RB_Right	21.41	17.28	30	Pass	-4.13
			Outer_Full	21.96	17.83	30	Pass	-4.13
			Inner_Full	22.92	18.79	30	Pass	-4.13
			Inner_1RB_Left	22.65	18.52	30	Pass	-4.13
			Inner_1RB_Right	22.84	18.71	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.54	17.41	30	Pass	-4.13
			Edge_Full_Right	21.39	17.26	30	Pass	-4.13
			Edge_1RB_Left	21.35	17.22	30	Pass	-4.13
			Edge_1RB_Right	20.86	16.73	30	Pass	-4.13
			Outer_Full	21.38	17.25	30	Pass	-4.13
			Inner_Full	21.67	17.54	30	Pass	-4.13
			Inner_1RB_Left	20.94	16.81	30	Pass	-4.13
			Inner_1RB_Right	20.8	16.67	30	Pass	-4.13
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.33	15.2	30	Pass	-4.13
			Edge_Full_Right	19.16	15.03	30	Pass	-4.13
			Edge_1RB_Left	18.92	14.79	30	Pass	-4.13
			Edge_1RB_Right	18.78	14.65	30	Pass	-4.13
			Outer_Full	19.21	15.08	30	Pass	-4.13
			Inner_Full	19.39	15.26	30	Pass	-4.13
			Inner_1RB_Left	19.01	14.88	30	Pass	-4.13

		3500.01MHz	Inner_1RB_Right	19.13	15	30	Pass	-4.13
	CP-OFDM QPSK		Edge_Full_Left	20.95	16.82	30	Pass	-4.13
			Edge_Full_Right	20.99	16.86	30	Pass	-4.13
			Edge_1RB_Left	20.73	16.6	30	Pass	-4.13
			Edge_1RB_Right	20.68	16.55	30	Pass	-4.13
			Outer_Full	20.89	16.76	30	Pass	-4.13
			Inner_Full	21.91	17.78	30	Pass	-4.13
			Inner_1RB_Left	21.92	17.79	30	Pass	-4.13
			Inner_1RB_Right	22.19	18.06	30	Pass	-4.13
			Edge_Full_Left	20.6	16.47	30	Pass	-4.13
	CP-OFDM 16QAM		Edge_Full_Right	20.66	16.53	30	Pass	-4.13
			Edge_1RB_Left	20.57	16.44	30	Pass	-4.13
			Edge_1RB_Right	20.43	16.3	30	Pass	-4.13
			Outer_Full	20.73	16.6	30	Pass	-4.13
			Inner_Full	21.58	17.45	30	Pass	-4.13
			Inner_1RB_Left	21.77	17.64	30	Pass	-4.13
			Inner_1RB_Right	21.89	17.76	30	Pass	-4.13
			Edge_Full_Left	19.89	15.76	30	Pass	-4.13
			CP-OFDM 64QAM	Edge_Full_Right	20.11	15.98	30	Pass
	Edge_1RB_Left			20.49	16.36	30	Pass	-4.13
	Edge_1RB_Right			20.54	16.41	30	Pass	-4.13
	Outer_Full			20.08	15.95	30	Pass	-4.13
	Inner_Full			20.09	15.96	30	Pass	-4.13
	Inner_1RB_Left			20.58	16.45	30	Pass	-4.13
	Inner_1RB_Right			20.64	16.51	30	Pass	-4.13
	Edge_Full_Left			17.45	13.32	30	Pass	-4.13
	CP-OFDM 256QAM			Edge_Full_Right	17.57	13.44	30	Pass
			Edge_1RB_Left	17.88	13.75	30	Pass	-4.13
			Edge_1RB_Right	17.41	13.28	30	Pass	-4.13
			Outer_Full	17.49	13.36	30	Pass	-4.13
			Inner_Full	17.05	12.92	30	Pass	-4.13
			Inner_1RB_Left	17.6	13.47	30	Pass	-4.13
			Inner_1RB_Right	17.11	12.98	30	Pass	-4.13
			Edge_Full_Left	22.95	18.82	30	Pass	-4.13
			DFT-s-OFDM PI/2 BPSK	Edge_Full_Right	23.2	19.07	30	Pass
	Edge_1RB_Left			23.1	18.97	30	Pass	-4.13
	Edge_1RB_Right			22.99	18.86	30	Pass	-4.13
	Outer_Full			23.23	19.1	30	Pass	-4.13
	Inner_Full			23.55	19.42	30	Pass	-4.13
	Inner_1RB_Left			23.49	19.36	30	Pass	-4.13
	Inner_1RB_Right			23.73	19.6	30	Pass	-4.13
	Edge_Full_Left			22.92	18.79	30	Pass	-4.13
	DFT-s-OFDM QPSK			Edge_Full_Right	22.83	18.7	30	Pass

		Edge_1RB_Left	22.83	18.7	30	Pass	-4.13
		Edge_1RB_Right	22.72	18.59	30	Pass	-4.13
		Outer_Full	23.02	18.89	30	Pass	-4.13
		Inner_Full	23.55	19.42	30	Pass	-4.13
		Inner_1RB_Left	23.27	19.14	30	Pass	-4.13
		Inner_1RB_Right	23.57	19.44	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Left	21.81	17.68	30	Pass	-4.13
		Edge_Full_Right	21.92	17.79	30	Pass	-4.13
		Edge_1RB_Left	21.86	17.73	30	Pass	-4.13
		Edge_1RB_Right	21.73	17.6	30	Pass	-4.13
		Outer_Full	21.96	17.83	30	Pass	-4.13
		Inner_Full	22.85	18.72	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Inner_1RB_Left	22.5	18.37	30	Pass	-4.13
		Inner_1RB_Right	22.56	18.43	30	Pass	-4.13
		Edge_Full_Left	21.33	17.2	30	Pass	-4.13
		Edge_Full_Right	21.64	17.51	30	Pass	-4.13
		Edge_1RB_Left	21.26	17.13	30	Pass	-4.13
		Edge_1RB_Right	21.29	17.16	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Outer_Full	21.36	17.23	30	Pass	-4.13
		Inner_Full	21.54	17.41	30	Pass	-4.13
		Inner_1RB_Left	21.27	17.14	30	Pass	-4.13
		Inner_1RB_Right	21.02	16.89	30	Pass	-4.13
		Edge_Full_Left	19.4	15.27	30	Pass	-4.13
		Edge_Full_Right	19.1	14.97	30	Pass	-4.13
	CP-OFDM QPSK	Edge_1RB_Left	18.92	14.79	30	Pass	-4.13
		Edge_1RB_Right	19.39	15.26	30	Pass	-4.13
		Outer_Full	19.56	15.43	30	Pass	-4.13
		Inner_Full	19.38	15.25	30	Pass	-4.13
		Inner_1RB_Left	19.22	15.09	30	Pass	-4.13
		Inner_1RB_Right	19.1	14.97	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Left	21.13	17	30	Pass	-4.13
		Edge_Full_Right	20.93	16.8	30	Pass	-4.13
		Edge_1RB_Left	20.76	16.63	30	Pass	-4.13
		Edge_1RB_Right	20.52	16.39	30	Pass	-4.13
		Outer_Full	20.72	16.59	30	Pass	-4.13
		Inner_Full	22.49	18.36	30	Pass	-4.13
		Inner_1RB_Left	22.2	18.07	30	Pass	-4.13
		Inner_1RB_Right	22.28	18.15	30	Pass	-4.13
		Edge_Full_Left	20.72	16.59	30	Pass	-4.13
		Edge_Full_Right	20.97	16.84	30	Pass	-4.13
		Edge_1RB_Left	20.75	16.62	30	Pass	-4.13
		Edge_1RB_Right	20.7	16.57	30	Pass	-4.13
		Outer_Full	20.98	16.85	30	Pass	-4.13

			Inner_Full	22.05	17.92	30	Pass	-4.13				
			Inner_1RB_Left	21.11	16.98	30	Pass	-4.13				
			Inner_1RB_Right	21.48	17.35	30	Pass	-4.13				
	CP-OFDM 64QAM			Edge_Full_Left	20.61	16.48	30	Pass	-4.13			
				Edge_Full_Right	20.32	16.19	30	Pass	-4.13			
				Edge_1RB_Left	20.7	16.57	30	Pass	-4.13			
				Edge_1RB_Right	20.49	16.36	30	Pass	-4.13			
				Outer_Full	20.16	16.03	30	Pass	-4.13			
				Inner_Full	19.95	15.82	30	Pass	-4.13			
				Inner_1RB_Left	20.53	16.4	30	Pass	-4.13			
				Inner_1RB_Right	20.61	16.48	30	Pass	-4.13			
				Edge_Full_Left	17.64	13.51	30	Pass	-4.13			
	CP-OFDM 256QAM			Edge_Full_Right	17.78	13.65	30	Pass	-4.13			
				Edge_1RB_Left	17.87	13.74	30	Pass	-4.13			
				Edge_1RB_Right	17.63	13.5	30	Pass	-4.13			
				Outer_Full	17.21	13.08	30	Pass	-4.13			
				Inner_Full	17.11	12.98	30	Pass	-4.13			
				Inner_1RB_Left	17.75	13.62	30	Pass	-4.13			
				Inner_1RB_Right	17.53	13.4	30	Pass	-4.13			
				DFT-s-OFDM PI/2 BPSK			Edge_Full_Left	23.28	19.15	30	Pass	-4.13
							Edge_Full_Right	23.31	19.18	30	Pass	-4.13
	Edge_1RB_Left	23.32	19.19				30	Pass	-4.13			
	Edge_1RB_Right	23.46	19.33				30	Pass	-4.13			
	Outer_Full	23.25	19.12				30	Pass	-4.13			
	Inner_Full	23.57	19.44				30	Pass	-4.13			
	Inner_1RB_Left	23.5	19.37				30	Pass	-4.13			
	Inner_1RB_Right	23.5	19.37				30	Pass	-4.13			
	DFT-s-OFDM QPSK						Edge_Full_Left	22.72	18.59	30	Pass	-4.13
				Edge_Full_Right	22.61	18.48	30	Pass	-4.13			
				Edge_1RB_Left	22.37	18.24	30	Pass	-4.13			
				Edge_1RB_Right	22.59	18.46	30	Pass	-4.13			
				Outer_Full	22.73	18.6	30	Pass	-4.13			
Inner_Full				23.27	19.14	30	Pass	-4.13				
Inner_1RB_Left				22.91	18.78	30	Pass	-4.13				
Inner_1RB_Right				23.17	19.04	30	Pass	-4.13				
DFT-s-OFDM 16QAM						Edge_Full_Left	21.35	17.22	30	Pass	-4.13	
	Edge_Full_Right	21.71	17.58			30	Pass	-4.13				
	Edge_1RB_Left	21.25	17.12			30	Pass	-4.13				
	Edge_1RB_Right	21.53	17.4			30	Pass	-4.13				
	Outer_Full	21.71	17.58			30	Pass	-4.13				
	Inner_Full	22.85	18.72			30	Pass	-4.13				
	Inner_1RB_Left	22.41	18.28			30	Pass	-4.13				
	Inner_1RB_Right	22.63	18.5			30	Pass	-4.13				

	DFT-s-OFDM 64QAM	Edge_Full_Left	21.42	17.29	30	Pass	-4.13
		Edge_Full_Right	21.31	17.18	30	Pass	-4.13
		Edge_1RB_Left	21.14	17.01	30	Pass	-4.13
		Edge_1RB_Right	21.18	17.05	30	Pass	-4.13
		Outer_Full	20.88	16.75	30	Pass	-4.13
		Inner_Full	21.33	17.2	30	Pass	-4.13
		Inner_1RB_Left	21.01	16.88	30	Pass	-4.13
		Inner_1RB_Right	21.02	16.89	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Left	19.17	15.04	30	Pass	-4.13
		Edge_Full_Right	19.16	15.03	30	Pass	-4.13
		Edge_1RB_Left	19.13	15	30	Pass	-4.13
		Edge_1RB_Right	18.76	14.63	30	Pass	-4.13
		Outer_Full	19.26	15.13	30	Pass	-4.13
		Inner_Full	19.27	15.14	30	Pass	-4.13
		Inner_1RB_Left	18.78	14.65	30	Pass	-4.13
		Inner_1RB_Right	18.7	14.57	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Left	20.98	16.85	30	Pass	-4.13
		Edge_Full_Right	20.96	16.83	30	Pass	-4.13
		Edge_1RB_Left	20.81	16.68	30	Pass	-4.13
		Edge_1RB_Right	20.73	16.6	30	Pass	-4.13
		Outer_Full	20.89	16.76	30	Pass	-4.13
		Inner_Full	22.24	18.11	30	Pass	-4.13
		Inner_1RB_Left	22.19	18.06	30	Pass	-4.13
		Inner_1RB_Right	22.16	18.03	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Left	20.61	16.48	30	Pass	-4.13
		Edge_Full_Right	20.17	16.04	30	Pass	-4.13
		Edge_1RB_Left	20.32	16.19	30	Pass	-4.13
		Edge_1RB_Right	20.5	16.37	30	Pass	-4.13
		Outer_Full	20.75	16.62	30	Pass	-4.13
		Inner_Full	21.64	17.51	30	Pass	-4.13
		Inner_1RB_Left	21.83	17.7	30	Pass	-4.13
		Inner_1RB_Right	21.34	17.21	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_Full_Left	20.31	16.18	30	Pass	-4.13
		Edge_Full_Right	19.75	15.62	30	Pass	-4.13
		Edge_1RB_Left	20.53	16.4	30	Pass	-4.13
		Edge_1RB_Right	20.54	16.41	30	Pass	-4.13
		Outer_Full	19.92	15.79	30	Pass	-4.13
		Inner_Full	20.3	16.17	30	Pass	-4.13
		Inner_1RB_Left	20.77	16.64	30	Pass	-4.13
		Inner_1RB_Right	20.25	16.12	30	Pass	-4.13
	CP-OFDM 256QAM	Edge_Full_Left	17.89	13.76	30	Pass	-4.13
		Edge_Full_Right	17.46	13.33	30	Pass	-4.13
		Edge_1RB_Left	17.79	13.66	30	Pass	-4.13

			Edge_1RB_Right	17.78	13.65	30	Pass	-4.13
			Outer_Full	17.25	13.12	30	Pass	-4.13
			Inner_Full	17.28	13.15	30	Pass	-4.13
			Inner_1RB_Left	17.95	13.82	30	Pass	-4.13
			Inner_1RB_Right	17.68	13.55	30	Pass	-4.13
20MHz	DFT-s-OFDM PI/2 BPSK	3460.02MHz	Edge_Full_Left	23.31	19.18	30	Pass	-4.13
			Edge_Full_Right	23.25	19.12	30	Pass	-4.13
			Edge_1RB_Left	23.22	19.09	30	Pass	-4.13
			Edge_1RB_Right	23.32	19.19	30	Pass	-4.13
			Outer_Full	23.25	19.12	30	Pass	-4.13
			Inner_Full	23.36	19.23	30	Pass	-4.13
			Inner_1RB_Left	23.6	19.47	30	Pass	-4.13
			Inner_1RB_Right	23.19	19.06	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.83	18.7	30	Pass	-4.13
			Edge_Full_Right	22.59	18.46	30	Pass	-4.13
			Edge_1RB_Left	22.94	18.81	30	Pass	-4.13
			Edge_1RB_Right	23.18	19.05	30	Pass	-4.13
			Outer_Full	23.09	18.96	30	Pass	-4.13
			Inner_Full	23.5	19.37	30	Pass	-4.13
			Inner_1RB_Left	23.22	19.09	30	Pass	-4.13
			Inner_1RB_Right	23.18	19.05	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.93	17.8	30	Pass	-4.13
			Edge_Full_Right	22.06	17.93	30	Pass	-4.13
			Edge_1RB_Left	21.77	17.64	30	Pass	-4.13
			Edge_1RB_Right	21.42	17.29	30	Pass	-4.13
			Outer_Full	21.84	17.71	30	Pass	-4.13
			Inner_Full	22.59	18.46	30	Pass	-4.13
			Inner_1RB_Left	22.46	18.33	30	Pass	-4.13
			Inner_1RB_Right	22.66	18.53	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.3	17.17	30	Pass	-4.13
			Edge_Full_Right	21.51	17.38	30	Pass	-4.13
			Edge_1RB_Left	21.39	17.26	30	Pass	-4.13
			Edge_1RB_Right	21.32	17.19	30	Pass	-4.13
			Outer_Full	21.43	17.3	30	Pass	-4.13
			Inner_Full	21.21	17.08	30	Pass	-4.13
			Inner_1RB_Left	21.14	17.01	30	Pass	-4.13
			Inner_1RB_Right	21.17	17.04	30	Pass	-4.13
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.42	15.29	30	Pass	-4.13
			Edge_Full_Right	19.47	15.34	30	Pass	-4.13
			Edge_1RB_Left	19.41	15.28	30	Pass	-4.13
			Edge_1RB_Right	19.11	14.98	30	Pass	-4.13
			Outer_Full	19.49	15.36	30	Pass	-4.13
			Inner_Full	19.37	15.24	30	Pass	-4.13

			Inner_1RB_Left	19.03	14.9	30	Pass	-4.13		
			Inner_1RB_Right	18.76	14.63	30	Pass	-4.13		
	CP-OFDM QPSK		Edge_Full_Left	20.75	16.62	30	Pass	-4.13		
			Edge_Full_Right	20.67	16.54	30	Pass	-4.13		
			Edge_1RB_Left	21.07	16.94	30	Pass	-4.13		
			Edge_1RB_Right	20.66	16.53	30	Pass	-4.13		
			Outer_Full	20.6	16.47	30	Pass	-4.13		
			Inner_Full	22.64	18.51	30	Pass	-4.13		
			Inner_1RB_Left	22.09	17.96	30	Pass	-4.13		
			Inner_1RB_Right	22.15	18.02	30	Pass	-4.13		
			Edge_Full_Left	20.73	16.6	30	Pass	-4.13		
			Edge_Full_Right	20.56	16.43	30	Pass	-4.13		
	CP-OFDM 16QAM		Edge_1RB_Left	20.75	16.62	30	Pass	-4.13		
			Edge_1RB_Right	20.78	16.65	30	Pass	-4.13		
			Outer_Full	20.6	16.47	30	Pass	-4.13		
			Inner_Full	21.78	17.65	30	Pass	-4.13		
			Inner_1RB_Left	21.89	17.76	30	Pass	-4.13		
			Inner_1RB_Right	21.82	17.69	30	Pass	-4.13		
			Edge_Full_Left	20.37	16.24	30	Pass	-4.13		
			Edge_Full_Right	20.33	16.2	30	Pass	-4.13		
	CP-OFDM 64QAM		Edge_1RB_Left	20.49	16.36	30	Pass	-4.13		
			Edge_1RB_Right	19.81	15.68	30	Pass	-4.13		
			Outer_Full	20.46	16.33	30	Pass	-4.13		
			Inner_Full	20.41	16.28	30	Pass	-4.13		
			Inner_1RB_Left	20.16	16.03	30	Pass	-4.13		
			Inner_1RB_Right	19.98	15.85	30	Pass	-4.13		
			Edge_Full_Left	17.88	13.75	30	Pass	-4.13		
			Edge_Full_Right	17.5	13.37	30	Pass	-4.13		
	CP-OFDM 256QAM		Edge_1RB_Left	18.27	14.14	30	Pass	-4.13		
			Edge_1RB_Right	17.81	13.68	30	Pass	-4.13		
			Outer_Full	17.45	13.32	30	Pass	-4.13		
			Inner_Full	17.41	13.28	30	Pass	-4.13		
			Inner_1RB_Left	18.21	14.08	30	Pass	-4.13		
			Inner_1RB_Right	17.91	13.78	30	Pass	-4.13		
			DFT-s-OFDM PI/2 BPSK	3500.01MHz	Edge_Full_Left	23.71	19.58	30	Pass	-4.13
					Edge_Full_Right	23.5	19.37	30	Pass	-4.13
	Edge_1RB_Left				23.22	19.09	30	Pass	-4.13	
	Edge_1RB_Right				23.14	19.01	30	Pass	-4.13	
	Outer_Full				23.25	19.12	30	Pass	-4.13	
	Inner_Full				23.76	19.63	30	Pass	-4.13	
	Inner_1RB_Left				23.91	19.78	30	Pass	-4.13	
	Inner_1RB_Right				23.74	19.61	30	Pass	-4.13	
	DFT-s-OFDM QPSK			Edge_Full_Left	22.47	18.34	30	Pass	-4.13	

		Edge_Full_Right	22.95	18.82	30	Pass	-4.13
		Edge_1RB_Left	22.73	18.6	30	Pass	-4.13
		Edge_1RB_Right	22.6	18.47	30	Pass	-4.13
		Outer_Full	23	18.87	30	Pass	-4.13
		Inner_Full	23.48	19.35	30	Pass	-4.13
		Inner_1RB_Left	23.57	19.44	30	Pass	-4.13
		Inner_1RB_Right	23.14	19.01	30	Pass	-4.13
		Edge_Full_Left	21.94	17.81	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Right	21.82	17.69	30	Pass	-4.13
		Edge_1RB_Left	21.37	17.24	30	Pass	-4.13
		Edge_1RB_Right	21.46	17.33	30	Pass	-4.13
		Outer_Full	21.97	17.84	30	Pass	-4.13
		Inner_Full	22.74	18.61	30	Pass	-4.13
		Inner_1RB_Left	22.48	18.35	30	Pass	-4.13
		Inner_1RB_Right	22.38	18.25	30	Pass	-4.13
		Edge_Full_Left	21.29	17.16	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Edge_Full_Right	21.55	17.42	30	Pass	-4.13
		Edge_1RB_Left	21.23	17.1	30	Pass	-4.13
		Edge_1RB_Right	21.2	17.07	30	Pass	-4.13
		Outer_Full	21.46	17.33	30	Pass	-4.13
		Inner_Full	21.48	17.35	30	Pass	-4.13
		Inner_1RB_Left	21.41	17.28	30	Pass	-4.13
		Inner_1RB_Right	21.68	17.55	30	Pass	-4.13
		Edge_Full_Left	19.82	15.69	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Right	19.34	15.21	30	Pass	-4.13
		Edge_1RB_Left	19.22	15.09	30	Pass	-4.13
		Edge_1RB_Right	19.14	15.01	30	Pass	-4.13
		Outer_Full	19.6	15.47	30	Pass	-4.13
		Inner_Full	19.31	15.18	30	Pass	-4.13
		Inner_1RB_Left	19.1	14.97	30	Pass	-4.13
		Inner_1RB_Right	19.14	15.01	30	Pass	-4.13
		Edge_Full_Left	21.12	16.99	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.74	16.61	30	Pass	-4.13
		Edge_1RB_Left	20.81	16.68	30	Pass	-4.13
		Edge_1RB_Right	21.01	16.88	30	Pass	-4.13
		Outer_Full	20.84	16.71	30	Pass	-4.13
		Inner_Full	22.41	18.28	30	Pass	-4.13
		Inner_1RB_Left	22.44	18.31	30	Pass	-4.13
		Inner_1RB_Right	21.99	17.86	30	Pass	-4.13
		Edge_Full_Left	21.28	17.15	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Right	20.94	16.81	30	Pass	-4.13
		Edge_1RB_Left	20.42	16.29	30	Pass	-4.13
		Edge_1RB_Right	21.1	16.97	30	Pass	-4.13

		3540MHz	Outer_Full	21.01	16.88	30	Pass	-4.13
			Inner_Full	22.06	17.93	30	Pass	-4.13
			Inner_1RB_Left	21.61	17.48	30	Pass	-4.13
			Inner_1RB_Right	21.47	17.34	30	Pass	-4.13
	CP-OFDM 64QAM		Edge_Full_Left	20.19	16.06	30	Pass	-4.13
			Edge_Full_Right	20.49	16.36	30	Pass	-4.13
			Edge_1RB_Left	20.65	16.52	30	Pass	-4.13
			Edge_1RB_Right	20.18	16.05	30	Pass	-4.13
			Outer_Full	20.41	16.28	30	Pass	-4.13
			Inner_Full	20.38	16.25	30	Pass	-4.13
			Inner_1RB_Left	20.61	16.48	30	Pass	-4.13
			Inner_1RB_Right	20.22	16.09	30	Pass	-4.13
	CP-OFDM 256QAM		Edge_Full_Left	17.62	13.49	30	Pass	-4.13
			Edge_Full_Right	17.49	13.36	30	Pass	-4.13
			Edge_1RB_Left	18.48	14.35	30	Pass	-4.13
			Edge_1RB_Right	18.32	14.19	30	Pass	-4.13
			Outer_Full	17.62	13.49	30	Pass	-4.13
			Inner_Full	17.33	13.2	30	Pass	-4.13
			Inner_1RB_Left	17.37	13.24	30	Pass	-4.13
			Inner_1RB_Right	17.81	13.68	30	Pass	-4.13
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.31	19.18	30	Pass	-4.13
			Edge_Full_Right	23.54	19.41	30	Pass	-4.13
			Edge_1RB_Left	23.33	19.2	30	Pass	-4.13
			Edge_1RB_Right	23.1	18.97	30	Pass	-4.13
			Outer_Full	23.34	19.21	30	Pass	-4.13
			Inner_Full	23.12	18.99	30	Pass	-4.13
			Inner_1RB_Left	23.38	19.25	30	Pass	-4.13
			Inner_1RB_Right	23.5	19.37	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.68	18.55	30	Pass	-4.13
			Edge_Full_Right	22.68	18.55	30	Pass	-4.13
			Edge_1RB_Left	22.85	18.72	30	Pass	-4.13
			Edge_1RB_Right	22.77	18.64	30	Pass	-4.13
			Outer_Full	22.87	18.74	30	Pass	-4.13
			Inner_Full	23.39	19.26	30	Pass	-4.13
			Inner_1RB_Left	23.3	19.17	30	Pass	-4.13
			Inner_1RB_Right	23.11	18.98	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.79	17.66	30	Pass	-4.13
			Edge_Full_Right	22.07	17.94	30	Pass	-4.13
			Edge_1RB_Left	21.54	17.41	30	Pass	-4.13
			Edge_1RB_Right	21.66	17.53	30	Pass	-4.13
			Outer_Full	21.8	17.67	30	Pass	-4.13
			Inner_Full	22.97	18.84	30	Pass	-4.13
			Inner_1RB_Left	22.61	18.48	30	Pass	-4.13

	DFT-s-OFDM 64QAM	Inner_1RB_Right	22.39	18.26	30	Pass	-4.13
		Edge_Full_Left	21.27	17.14	30	Pass	-4.13
		Edge_Full_Right	21.45	17.32	30	Pass	-4.13
		Edge_1RB_Left	20.9	16.77	30	Pass	-4.13
		Edge_1RB_Right	21.47	17.34	30	Pass	-4.13
		Outer_Full	21.3	17.17	30	Pass	-4.13
		Inner_Full	21.55	17.42	30	Pass	-4.13
		Inner_1RB_Left	21.38	17.25	30	Pass	-4.13
		Inner_1RB_Right	21.01	16.88	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Left	19.3	15.17	30	Pass	-4.13
		Edge_Full_Right	19.38	15.25	30	Pass	-4.13
		Edge_1RB_Left	18.88	14.75	30	Pass	-4.13
		Edge_1RB_Right	18.96	14.83	30	Pass	-4.13
		Outer_Full	19.12	14.99	30	Pass	-4.13
		Inner_Full	19.01	14.88	30	Pass	-4.13
		Inner_1RB_Left	18.85	14.72	30	Pass	-4.13
		Inner_1RB_Right	19.02	14.89	30	Pass	-4.13
		Edge_Full_Left	20.41	16.28	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.53	16.4	30	Pass	-4.13
		Edge_1RB_Left	20.88	16.75	30	Pass	-4.13
		Edge_1RB_Right	21.02	16.89	30	Pass	-4.13
		Outer_Full	21.11	16.98	30	Pass	-4.13
		Inner_Full	22.38	18.25	30	Pass	-4.13
		Inner_1RB_Left	22.08	17.95	30	Pass	-4.13
		Inner_1RB_Right	22.09	17.96	30	Pass	-4.13
		Edge_Full_Left	21.07	16.94	30	Pass	-4.13
		Edge_Full_Right	20.86	16.73	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_1RB_Left	20.63	16.5	30	Pass	-4.13
		Edge_1RB_Right	21.03	16.9	30	Pass	-4.13
		Outer_Full	20.97	16.84	30	Pass	-4.13
		Inner_Full	21.64	17.51	30	Pass	-4.13
		Inner_1RB_Left	21.32	17.19	30	Pass	-4.13
		Inner_1RB_Right	21.35	17.22	30	Pass	-4.13
		Edge_Full_Left	20.04	15.91	30	Pass	-4.13
		Edge_Full_Right	20.1	15.97	30	Pass	-4.13
		Edge_1RB_Left	20.2	16.07	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_1RB_Right	20.29	16.16	30	Pass	-4.13
		Outer_Full	20.21	16.08	30	Pass	-4.13
		Inner_Full	20.46	16.33	30	Pass	-4.13
		Inner_1RB_Left	20.27	16.14	30	Pass	-4.13
		Inner_1RB_Right	20.56	16.43	30	Pass	-4.13
		Edge_Full_Left	17.54	13.41	30	Pass	-4.13
		Edge_Full_Right	17.61	13.48	30	Pass	-4.13
	CP-OFDM 256QAM						

			Edge_1RB_Left	17.78	13.65	30	Pass	-4.13
			Edge_1RB_Right	18.3	14.17	30	Pass	-4.13
			Outer_Full	17.3	13.17	30	Pass	-4.13
			Inner_Full	16.79	12.66	30	Pass	-4.13
			Inner_1RB_Left	18.02	13.89	30	Pass	-4.13
			Inner_1RB_Right	17.77	13.64	30	Pass	-4.13

Frequency Stability

Band width	Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Result (ppm)	Limit (ppm)	Verdict
10MHz	DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-5.87	-0.0031	2.5	Pass
					HV	4.39	0.0023	2.5	Pass
				-30	NV	-4.56	-0.0024	2.5	Pass
				-20	NV	4.89	0.0026	2.5	Pass
				-10	NV	5.05	0.0027	2.5	Pass
				0	NV	-8.05	-0.0043	2.5	Pass
				10	NV	-3.81	-0.0020	2.5	Pass
				20	NV	-3.71	-0.0020	2.5	Pass
				30	NV	2.15	0.0011	2.5	Pass
				40	NV	8.67	0.0046	2.5	Pass
	50			NV	-5.28	-0.0028	2.5	Pass	
	CP-OFDM QPSK			20	LV	2.58	0.0014	2.5	Pass
					HV	-3.27	-0.0017	2.5	Pass
				-30	NV	3	0.0016	2.5	Pass
				-20	NV	5.09	0.0027	2.5	Pass
				-10	NV	-3.61	-0.0019	2.5	Pass
				0	NV	6.74	0.0036	2.5	Pass
				10	NV	9.19	0.0049	2.5	Pass
				20	NV	-2.46	-0.0013	2.5	Pass
				30	NV	-6.2	-0.0033	2.5	Pass
40		NV	6.17	0.0033	2.5	Pass			
50	NV	-3.77	-0.0020	2.5	Pass				
15MHz	DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	7.86	0.0042	2.5	Pass
					HV	6.58	0.0035	2.5	Pass
				-30	NV	5.27	0.0028	2.5	Pass
				-20	NV	4.16	0.0022	2.5	Pass
				-10	NV	-9.18	-0.0049	2.5	Pass
				0	NV	-7.03	-0.0037	2.5	Pass
				10	NV	-4.37	-0.0023	2.5	Pass
				20	NV	-8.64	-0.0046	2.5	Pass
				30	NV	6.78	0.0036	2.5	Pass
				40	NV	6.89	0.0037	2.5	Pass
	50			NV	-4.28	-0.0023	2.5	Pass	
	CP-OFDM QPSK			20	LV	-4.43	-0.0024	2.5	Pass
					HV	4.35	0.0023	2.5	Pass
				-30	NV	10.11	0.0054	2.5	Pass
				-20	NV	-3.39	-0.0018	2.5	Pass
				-10	NV	-6.25	-0.0033	2.5	Pass
				0	NV	-3.51	-0.0019	2.5	Pass

				10	NV	2.61	0.0014	2.5	Pass
				20	NV	3.78	0.0020	2.5	Pass
				30	NV	5.8	0.0031	2.5	Pass
				40	NV	-8.72	-0.0046	2.5	Pass
				50	NV	-8.23	-0.0044	2.5	Pass
20MHz	DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-5.14	-0.0027	2.5	Pass
					HV	2.6	0.0014	2.5	Pass
				-30	NV	-9.77	-0.0052	2.5	Pass
				-20	NV	-8.88	-0.0047	2.5	Pass
				-10	NV	4.52	0.0024	2.5	Pass
				0	NV	-2.97	-0.0016	2.5	Pass
				10	NV	-3.85	-0.0020	2.5	Pass
				20	NV	4.28	0.0023	2.5	Pass
				30	NV	-4.68	-0.0025	2.5	Pass
				40	NV	6.16	0.0033	2.5	Pass
				50	NV	-4.66	-0.0025	2.5	Pass
	CP-OFDM QPSK			20	LV	-4.34	-0.0023	2.5	Pass
					HV	2.3	0.0012	2.5	Pass
				-30	NV	-2.25	-0.0012	2.5	Pass
				-20	NV	-4.34	-0.0023	2.5	Pass
				-10	NV	2.69	0.0014	2.5	Pass
				0	NV	5.87	0.0031	2.5	Pass
				10	NV	-7.04	-0.0037	2.5	Pass
				20	NV	-6.44	-0.0034	2.5	Pass
				30	NV	-7.45	-0.0040	2.5	Pass
				40	NV	7.88	0.0042	2.5	Pass
				50	NV	6.82	0.0036	2.5	Pass

Field Strength of Spurious Radiation

NR Band n78(3450-3550)-Low channel, Modulation: QPSK, Bandwidth:20MHz, 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
6610.02	-61.96	-13	-48.96	-68.39	4.2	10.63	Horizontal	Pass
9915.03	-64.7	-13	-51.7	-72.73	5.04	13.07	Horizontal	Pass
13220.04	-66.45	-13	-53.45	-74.81	5.45	13.81	Horizontal	Pass
6610.02	-60.16	-13	-47.16	-66.59	4.2	10.63	Vertical	Pass
9915.03	-64.93	-13	-51.93	-72.96	5.04	13.07	Vertical	Pass
13220.04	-60.66	-13	-47.66	-69.02	5.45	13.81	Vertical	Pass

NR Band n78(3450-3550)-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 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
7099.98	-61.78	-13	-48.78	-68.83	4.2	11.25	Horizontal	Pass
10649.97	-65.24	-13	-52.24	-73.32	5.08	13.16	Horizontal	Pass
14199.96	-66.81	-13	-53.81	-76.3	4.97	14.46	Horizontal	Pass
7099.98	-59.53	-13	-46.53	-66.58	4.2	11.25	Vertical	Pass
10649.97	-58.61	-13	-45.61	-66.69	5.08	13.16	Vertical	Pass
14199.96	-66.93	-13	-53.93	-76.42	4.97	14.46	Vertical	Pass

NR Band n78(3450-3550)-High channel, Modulation: QPSK, Bandwidth:20MHz, 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
7590.0	-63.59	-13	-50.59	-71.22	4.22	11.85	Horizontal	Pass
11385.0	-67.63	-13	-54.63	-75.82	5.06	13.25	Horizontal	Pass
15180.0	-61.95	-13	-48.95	-70.79	5.58	14.42	Horizontal	Pass
7590.0	-63.98	-13	-50.98	-71.61	4.22	11.85	Vertical	Pass
11385.0	-68.15	-13	-55.15	-76.34	5.06	13.25	Vertical	Pass
15180.0	-60.85	-13	-47.85	-69.69	5.58	14.42	Vertical	Pass

---End of Attachment---