

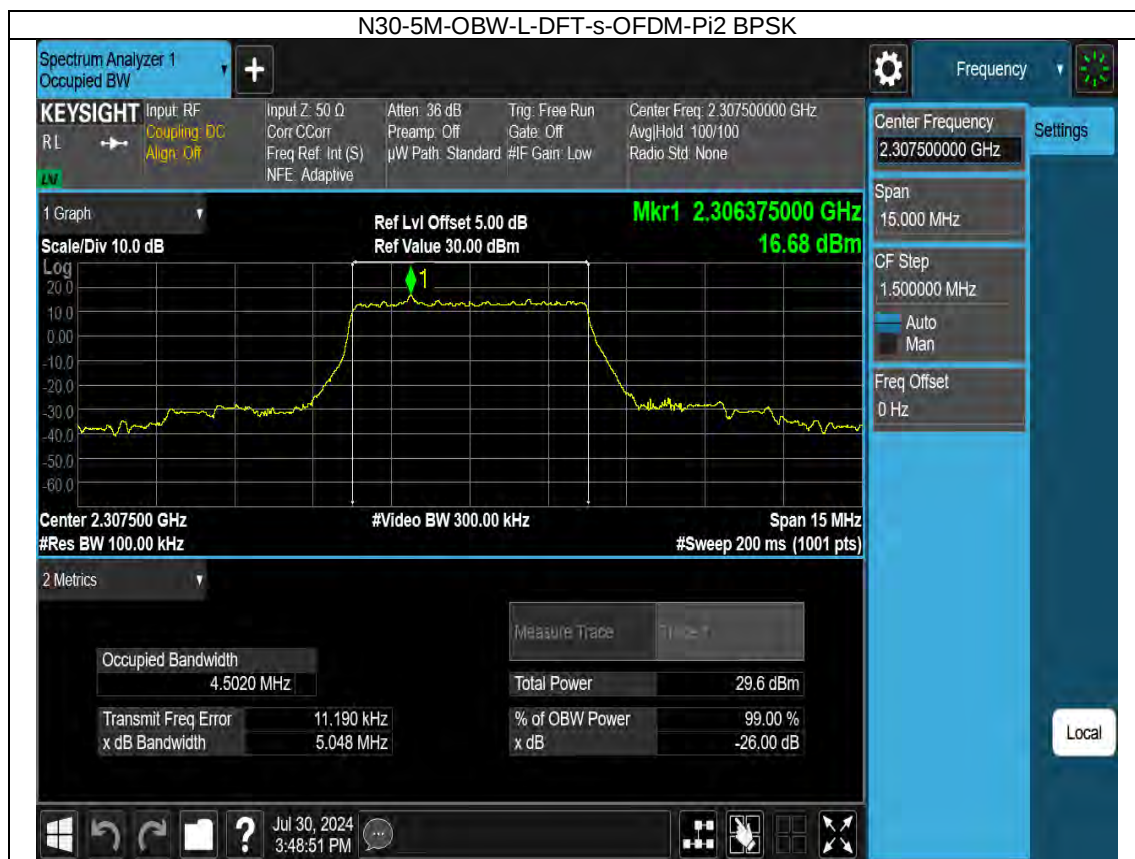
99% & 26dB Bandwidth

Test Result

5G NR N30 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	4.5	5.05	/	Pass
CP-OFDM QPSK		Outer Full	4.52	5.25	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer Full	4.52	5.17	/	Pass
CP-OFDM QPSK		Outer Full	4.52	5.34	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer Full	4.56	5.33	/	Pass
CP-OFDM QPSK		Outer Full	4.53	5.27	/	Pass

5G NR N30 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Mid	Outer Full	8.98	9.85	/	Pass
CP-OFDM QPSK		Outer Full	9.32	10.19	/	Pass

Test Graph



N30-5M-OBW-L-CP-OFDM-QPSK



N30-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK



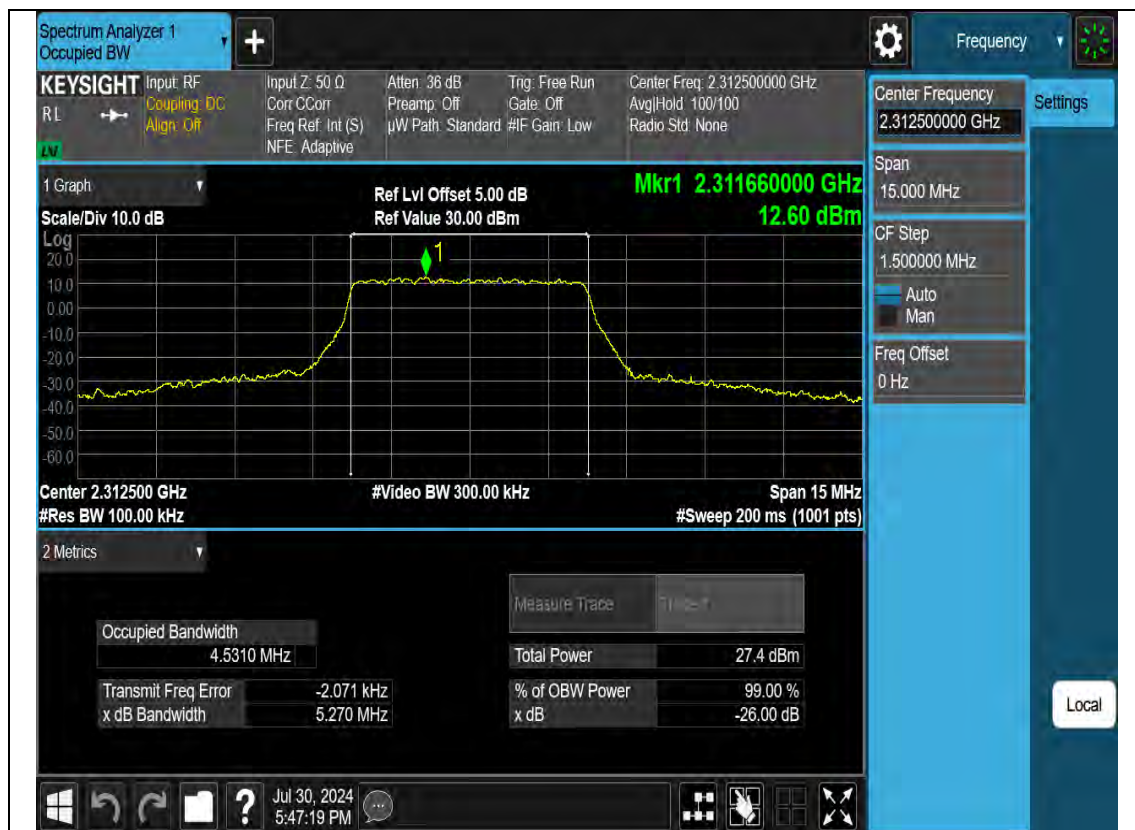
N30-5M-OBW-M-CP-OFDM-QPSK



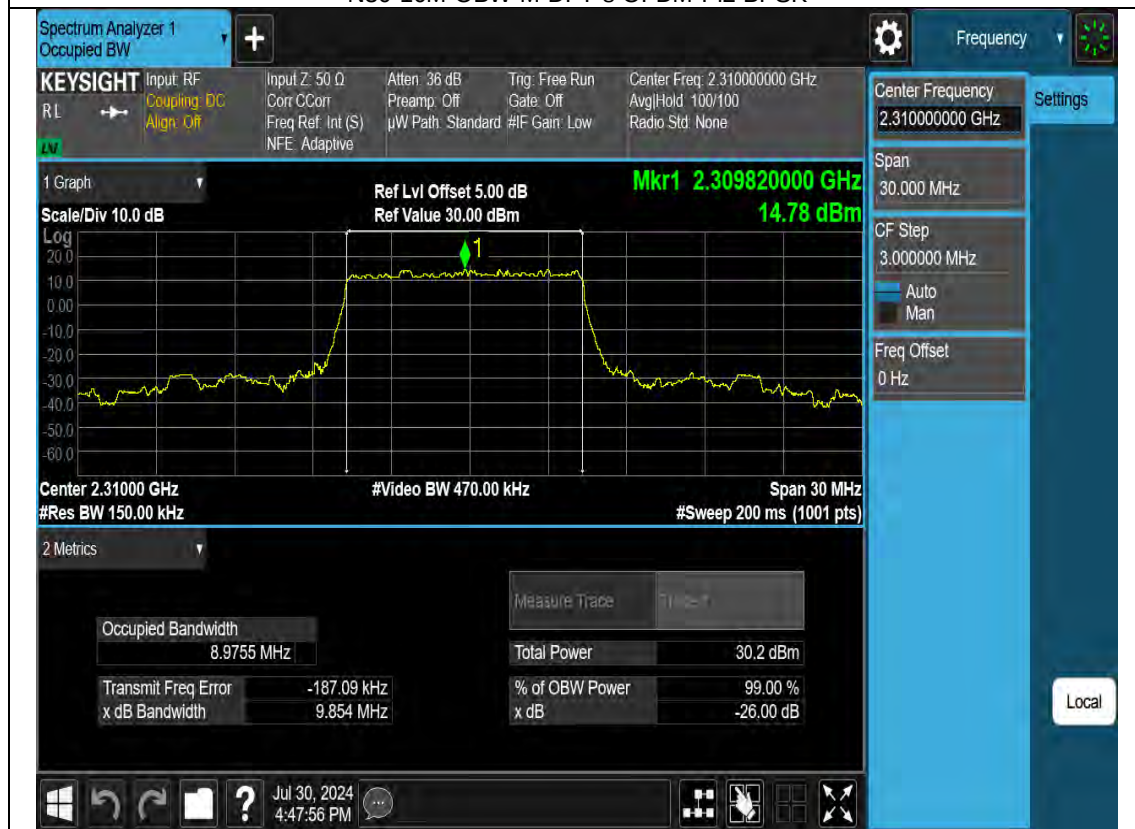
N30-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



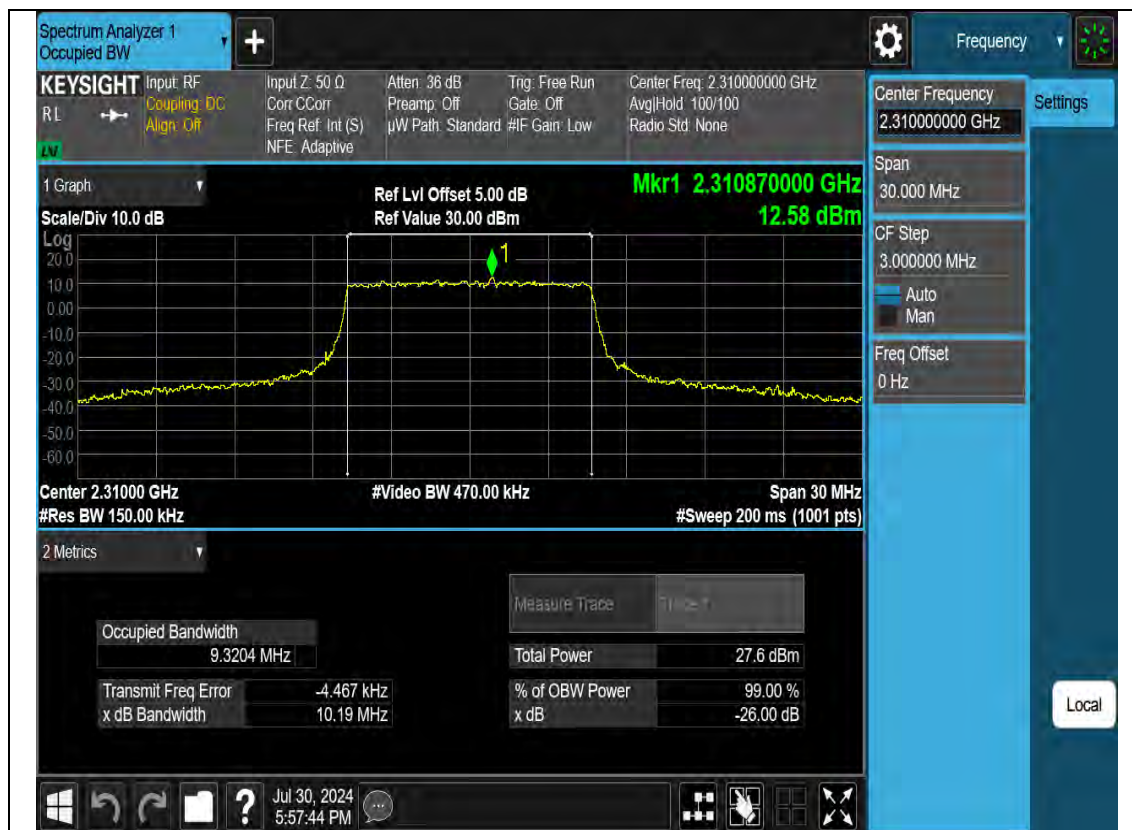
N30-5M-OBW-H-CP-OFDM-QPSK



N30-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N30-10M-OBW-M-CP-OFDM-QPSK



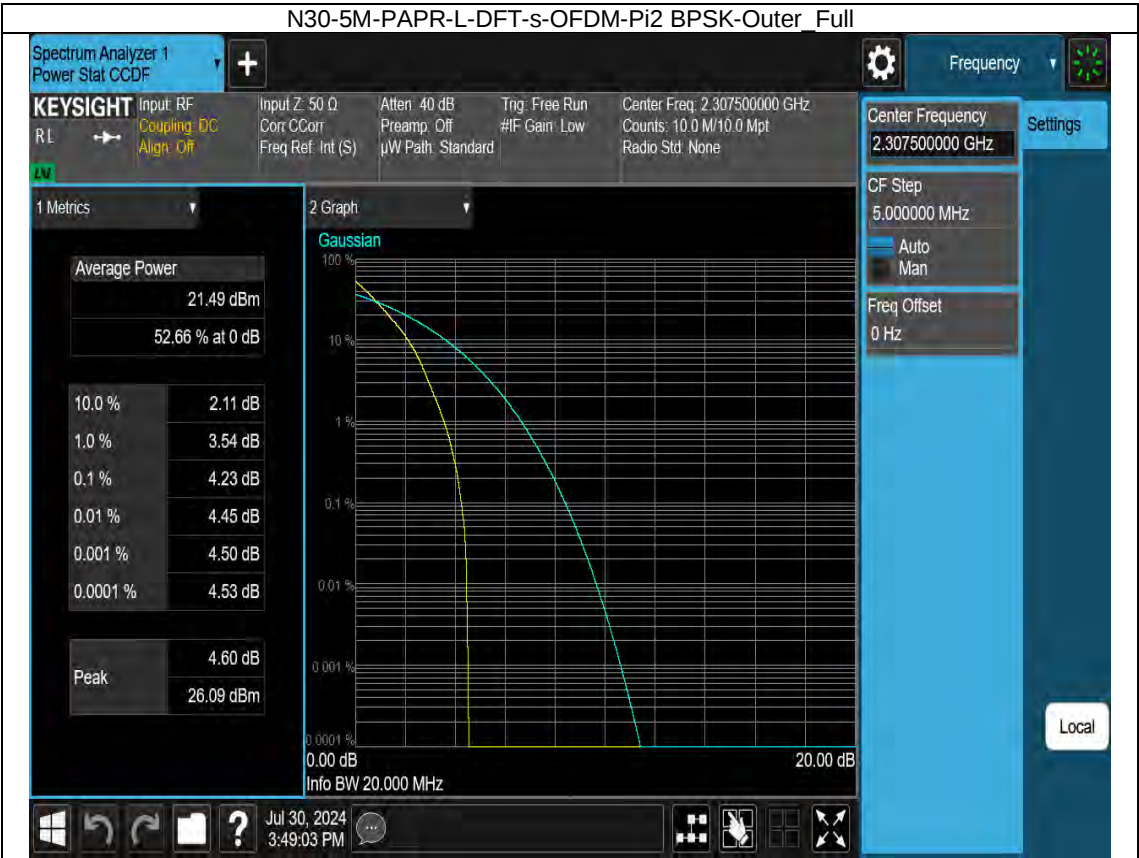
Peak-Average Ratio

Test Result

5G NR N30 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer Full	4.23	<=13	Pass
CP-OFDM QPSK		Outer Full	6.76	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer Full	4.14	<=13	Pass
CP-OFDM QPSK		Outer Full	6.97	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer Full	4.13	<=13	Pass
CP-OFDM QPSK		Outer Full	6.99	<=13	Pass

5G NR N30 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Middle	Outer Full	3.99	<=13	Pass
CP-OFDM QPSK		Outer Full	6.51	<=13	Pass

Test Graph



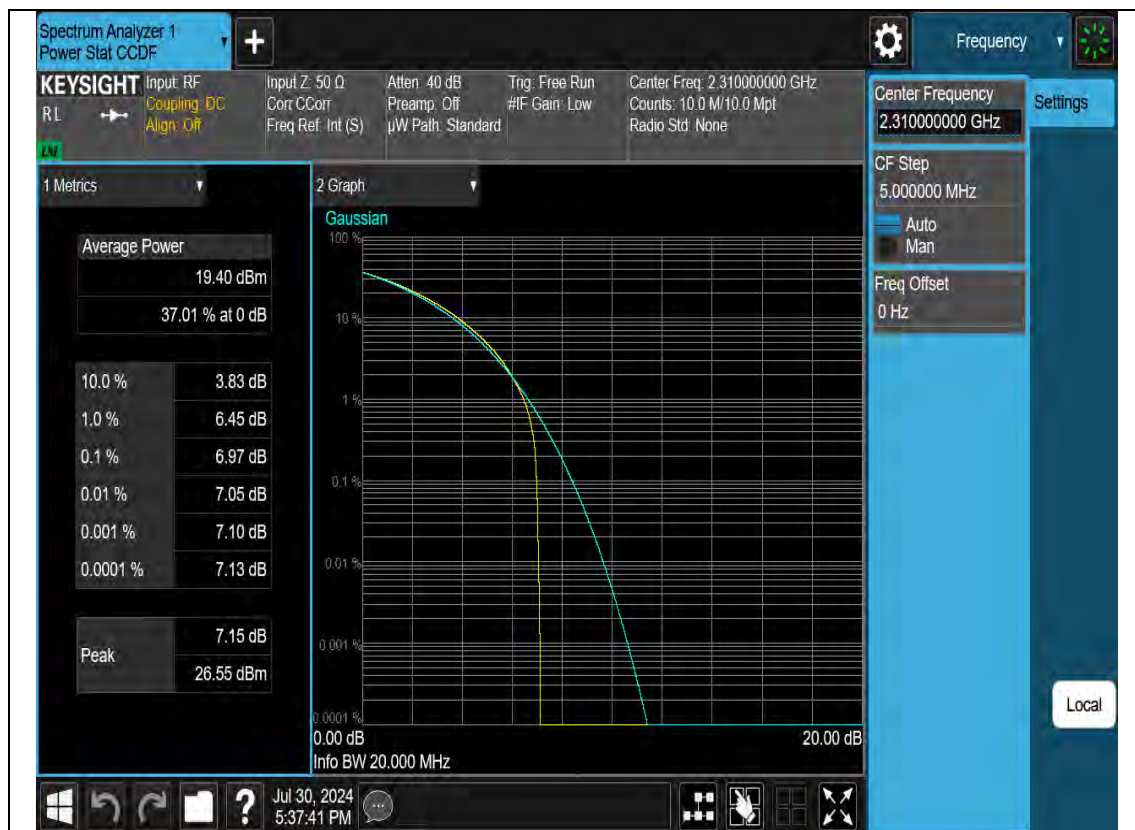
N30-5M-PAPR-L-CP-OFDM-QPSK-Outer_Full



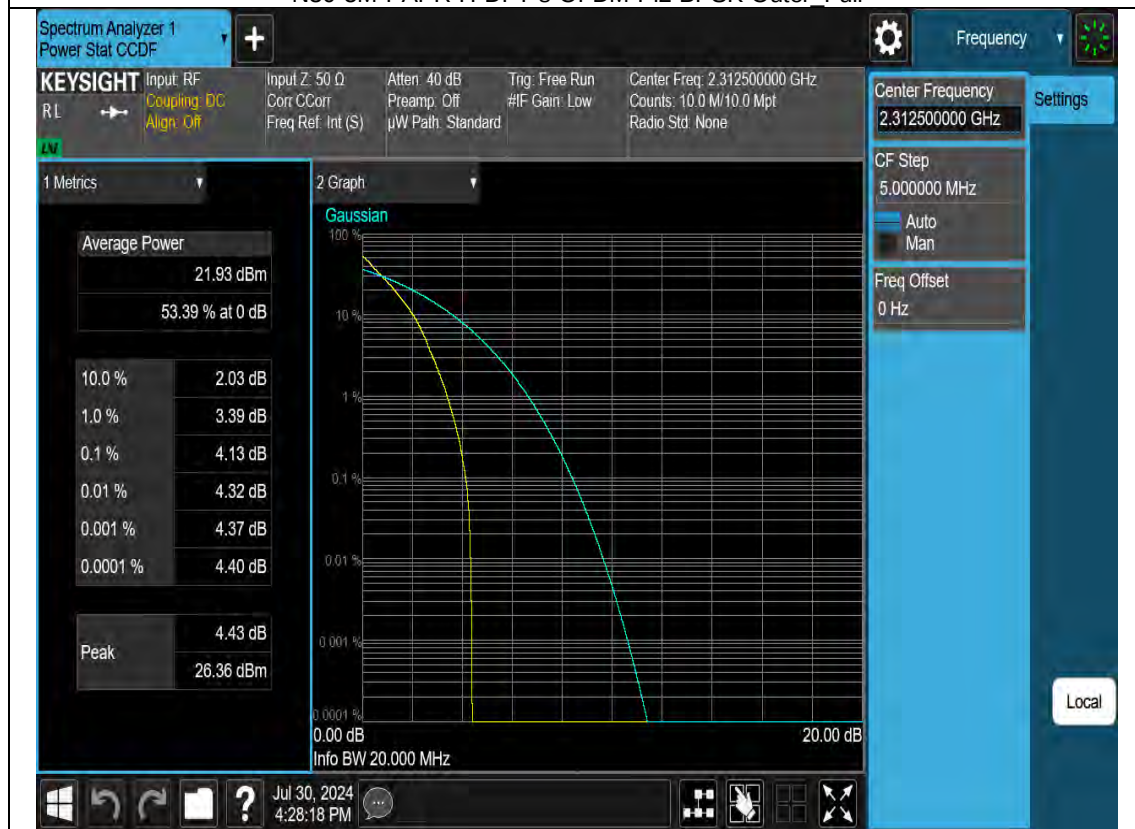
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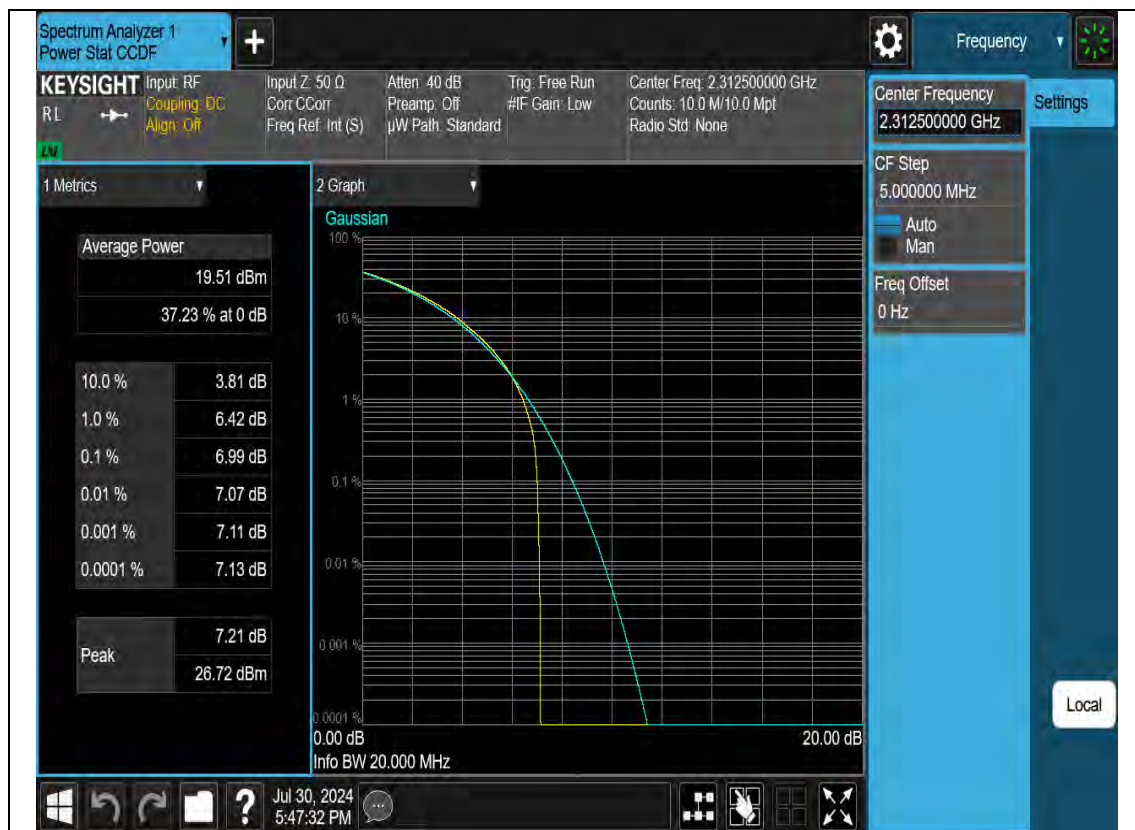
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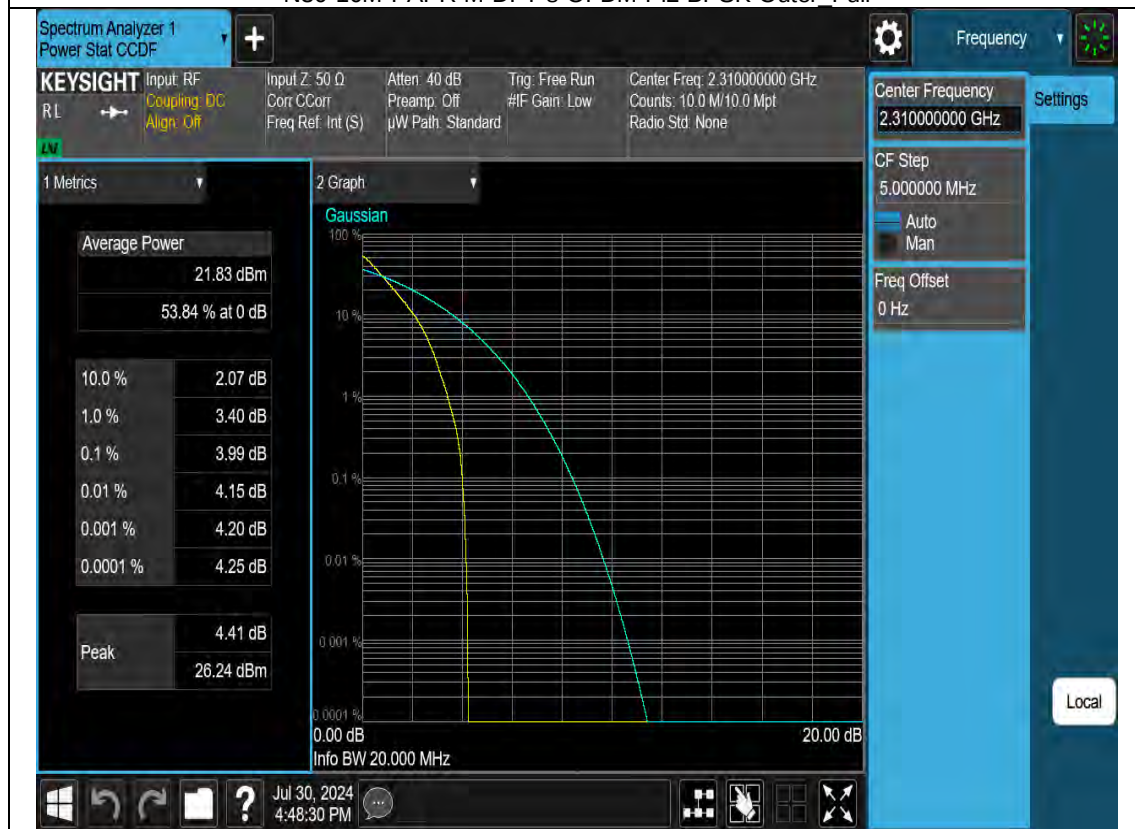
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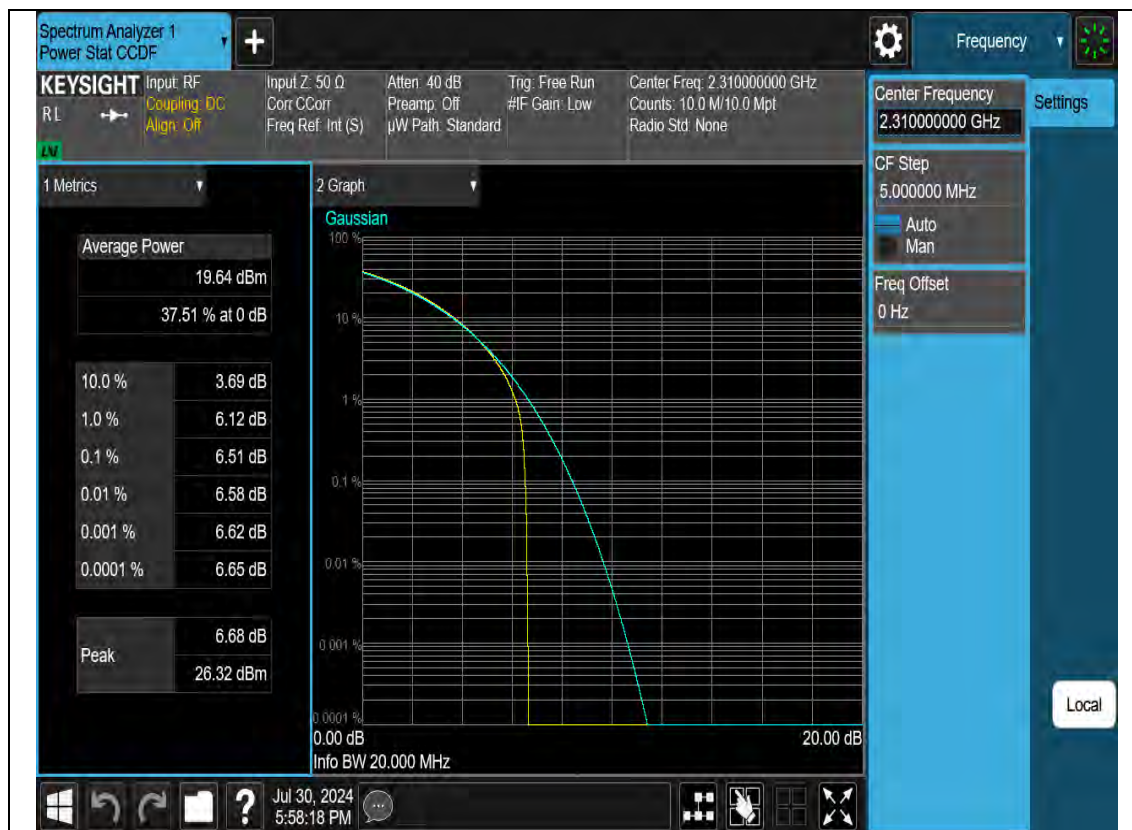
N30-5M-PAPR-H-CP-OFDM-QPSK-Outer_Full



N30-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N30-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full



Power spectral density

Test Result

5G NR N30 SCS=15kHz 5MHz					
Modulation		RB Allocation	Power spectral density (dBm)	Limit/5MHz (dBm)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	1RB0	21.684	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.167	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.378	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	19.538	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	17.674	23.98	Pass
CP-OFDM QPSK		1RB0	19.052	23.98	Pass
CP-OFDM 16QAM		1RB0	19.074	23.98	Pass
CP-OFDM 64QAM		1RB0	18.864	23.98	Pass
CP-OFDM 256QAM		1RB0	15.451	23.98	Pass
DFT-s-OFDM PI/2 BPSK	Midd CH	1RB0	21.889	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.397	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.746	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	19.822	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	18.061	23.98	Pass
CP-OFDM QPSK		1RB0	19.583	23.98	Pass
CP-OFDM 16QAM		1RB0	19.594	23.98	Pass
CP-OFDM 64QAM		1RB0	19.216	23.98	Pass
CP-OFDM 256QAM		1RB0	19.278	23.98	Pass
DFT-s-OFDM PI/2 BPSK	High CH	1RB0	22.016	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.452	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.426	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	20.167	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	17.966	23.98	Pass
CP-OFDM QPSK		1RB0	19.461	23.98	Pass
CP-OFDM 16QAM		1RB0	19.783	23.98	Pass
CP-OFDM 64QAM		1RB0	18.999	23.98	Pass
CP-OFDM 256QAM		1RB0	15.684	23.98	Pass

5G NR N30 SCS=15kHz 5MHz					
Modulation		RB Allocation	Power spectral density (dBm)	Limit/5MHz (dBm)	Verdict
DFT-s-OFDM PI/2 BPSK	Midd CH	1RB0	21.942	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.443	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.516	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	19.945	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	17.696	23.98	Pass
CP-OFDM QPSK		1RB0	19.448	23.98	Pass
CP-OFDM 16QAM		1RB0	19.693	23.98	Pass
CP-OFDM 64QAM		1RB0	19.028	23.98	Pass
CP-OFDM 256QAM		1RB0	15.708	23.98	Pass

Test Graph



N30-5M-PSD-L-DFT-s-OFDM-QPSK-1RB0



N30-5M-PSD-L-DFT-s-OFDM-16QAM-1RB0



N30-5M-PSD-L-DFT-s-OFDM-64QAM-1RB0



N30-5M-PSD-L-DFT-s-OFDM-256QAM-1RB0



N30-5M-PSD-L-CP-OFDM-QPSK-1RB0



N30-5M-PSD-L-CP-OFDM-16QAM-1RB0



N30-5M-PSD-L-CP-OFDM-64QAM-1RB0



N30-5M-PSD-L-CP-OFDM-256QAM-1RB0



N30-5M-PSD-M-DFT-s-OFDM-Pi2 BPSK-1RB0



N30-5M-PSD-M-DFT-s-OFDM-QPSK-1RB0



N30-5M-PSD-M-DFT-s-OFDM-16QAM-1RB0



N30-5M-PSD-M-DFT-s-OFDM-64QAM-1RB0



N30-5M-PSD-M-DFT-s-OFDM-256QAM-1RB0



N30-5M-PSD-M-CP-OFDM-QPSK-1RB0



N30-5M-PSD-M-CP-OFDM-16QAM-1RB0



N30-5M-PSD-M-CP-OFDM-64QAM-1RB0



N30-5M-PSD-M-CP-OFDM-256QAM-1RB0



N30-5M-PSD-H-DFT-s-OFDM-Pi2 BPSK-1RB0



N30-5M-PSD-H-DFT-s-OFDM-QPSK-1RB0



N30-5M-PSD-H-DFT-s-OFDM-16QAM-1RB0



N30-5M-PSD-H-DFT-s-OFDM-64QAM-1RB0



N30-5M-PSD-H-DFT-s-OFDM-256QAM-1RB0



N30-5M-PSD-H-CP-OFDM-QPSK-1RB0



N30-5M-PSD-H-CP-OFDM-16QAM-1RB0



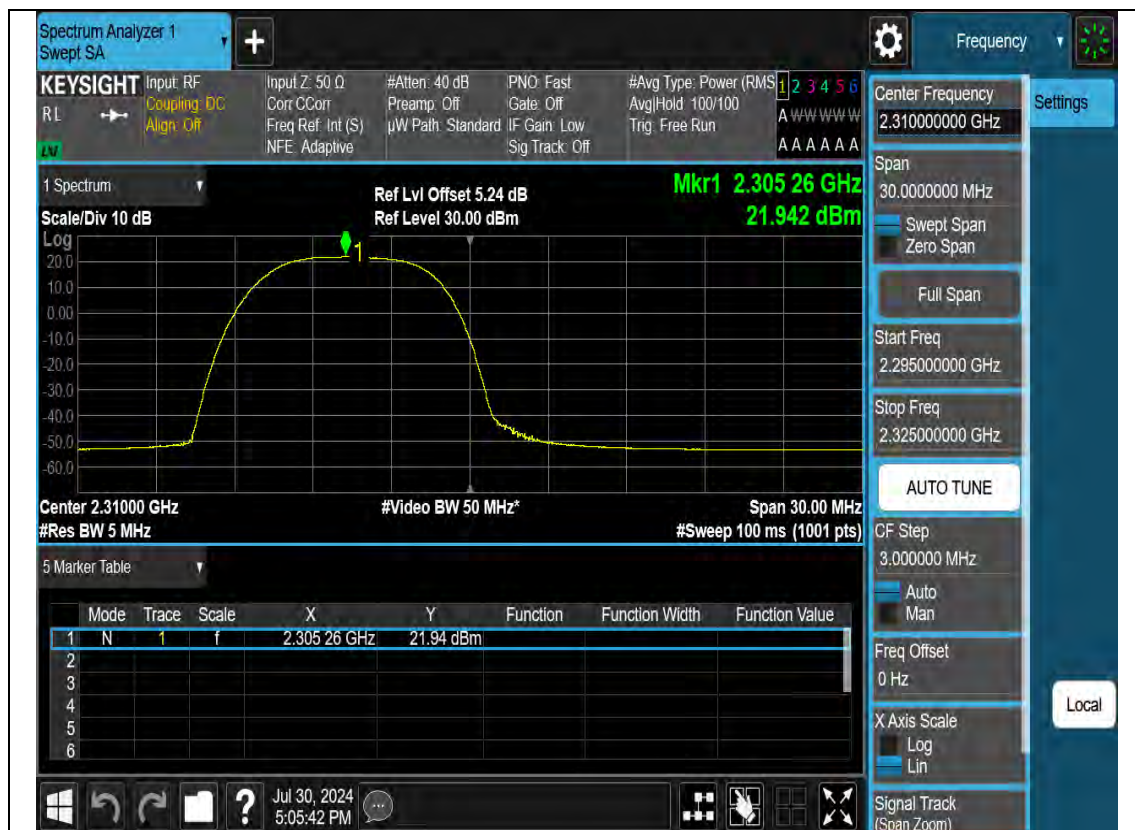
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N30-5M-PSD-H-CP-OFDM-256QAM-1RB0



N30-10M-PSD-M-DFT-s-OFDM-Pi2 BPSK-1RB0



N30-10M-PSD-M-DFT-s-OFDM-QPSK-1RB0



N30-10M-PSD-M-DFT-s-OFDM-16QAM-1RB0



N30-10M-PSD-M-DFT-s-OFDM-64QAM-1RB0



N30-10M-PSD-M-DFT-s-OFDM-256QAM-1RB0



N30-10M-PSD-M-CP-OFDM-QPSK-1RB0



N30-10M-PSD-M-CP-OFDM-16QAM-1RB0



N30-10M-PSD-M-CP-OFDM-64QAM-1RB0



N30-10M-PSD-M-CP-OFDM-256QAM-1RB0



Bandedge

test graph



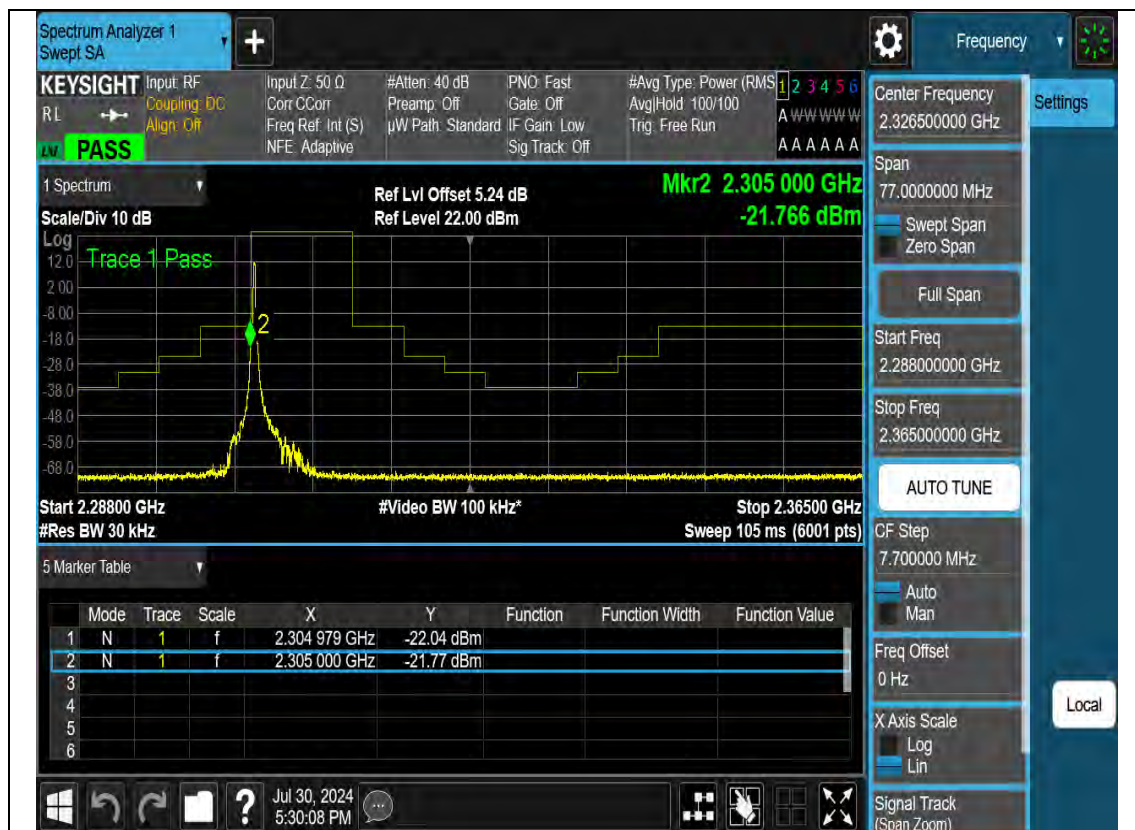
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N30-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N30-5M-Bandedge-L-CP-OFDM-QPSK-1RB0



N30-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



N30-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N30-5M-Bandedge-H-CP-OFDM-QPSK-Outer Full



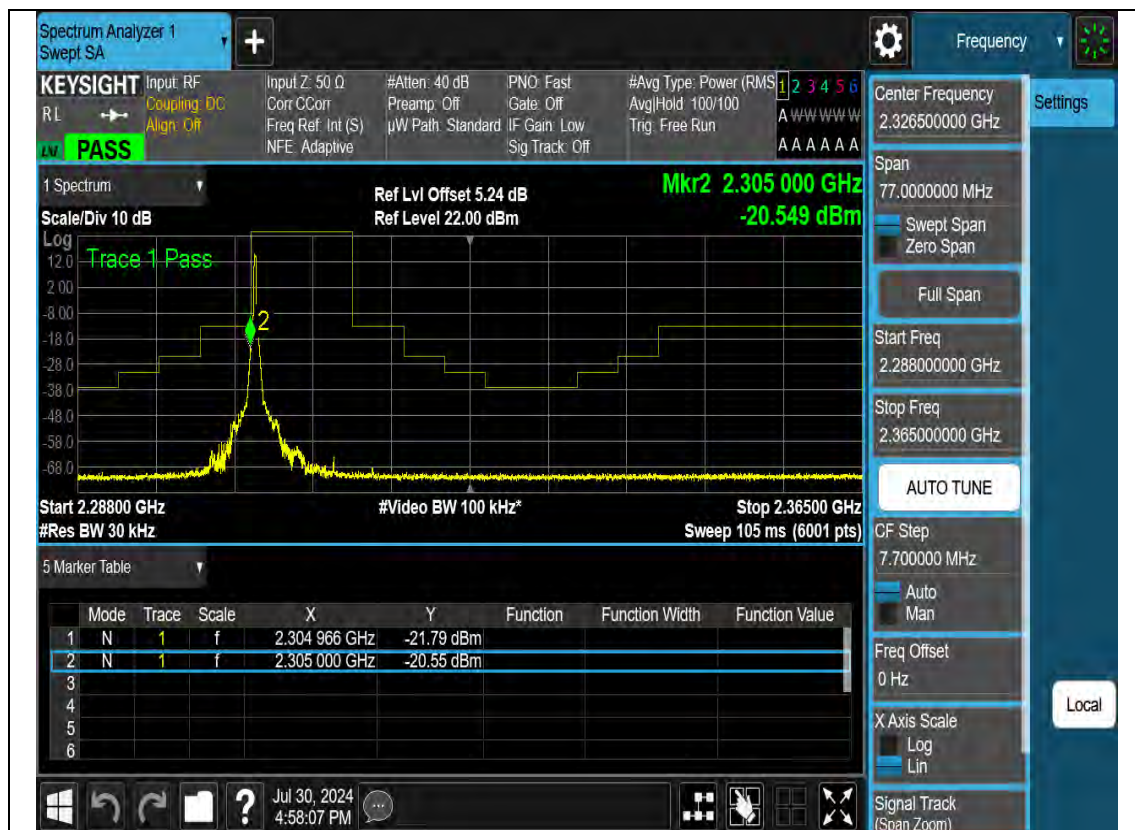
N30-5M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-Outer Full



N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB0



N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N30-10M-Bandedge-M-CP-OFDM-QPSK-Outer Full



N30-10M-Bandedge-M-CP-OFDM-QPSK-1RB0



N30-10M-Bandedge-M-CP-OFDM-QPSK-1RB_MAX

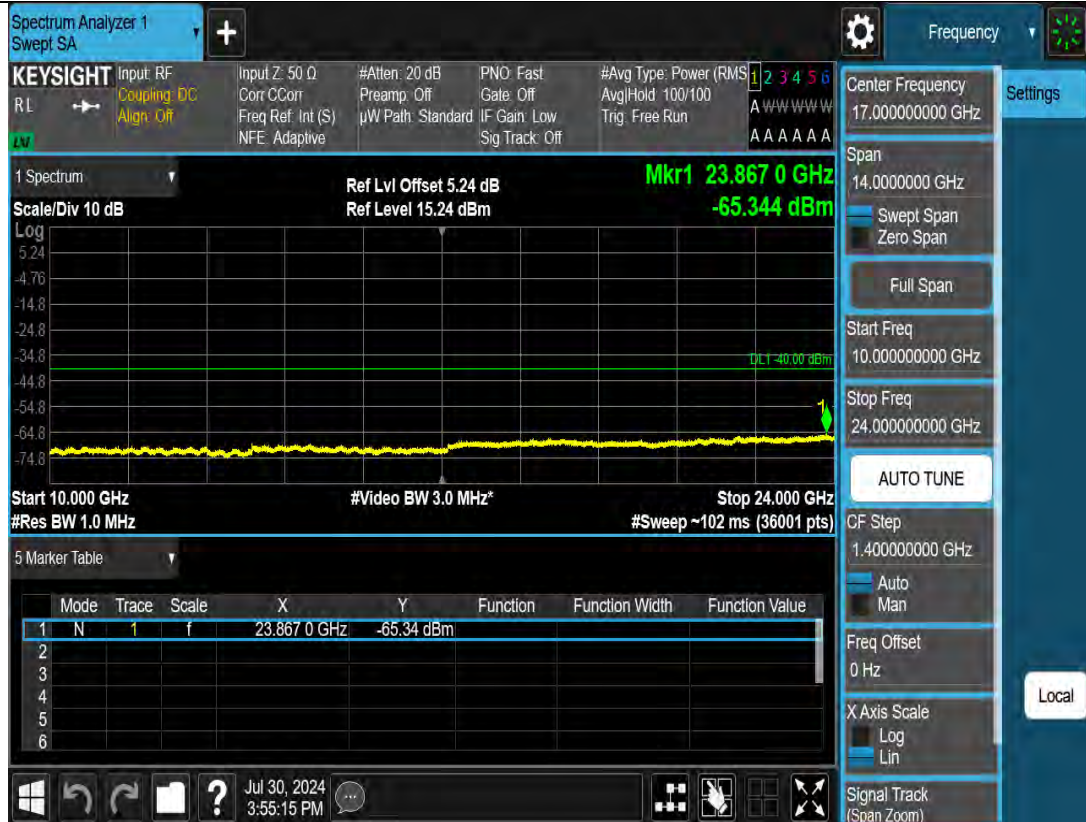


Conducted spurious emissions

test graph



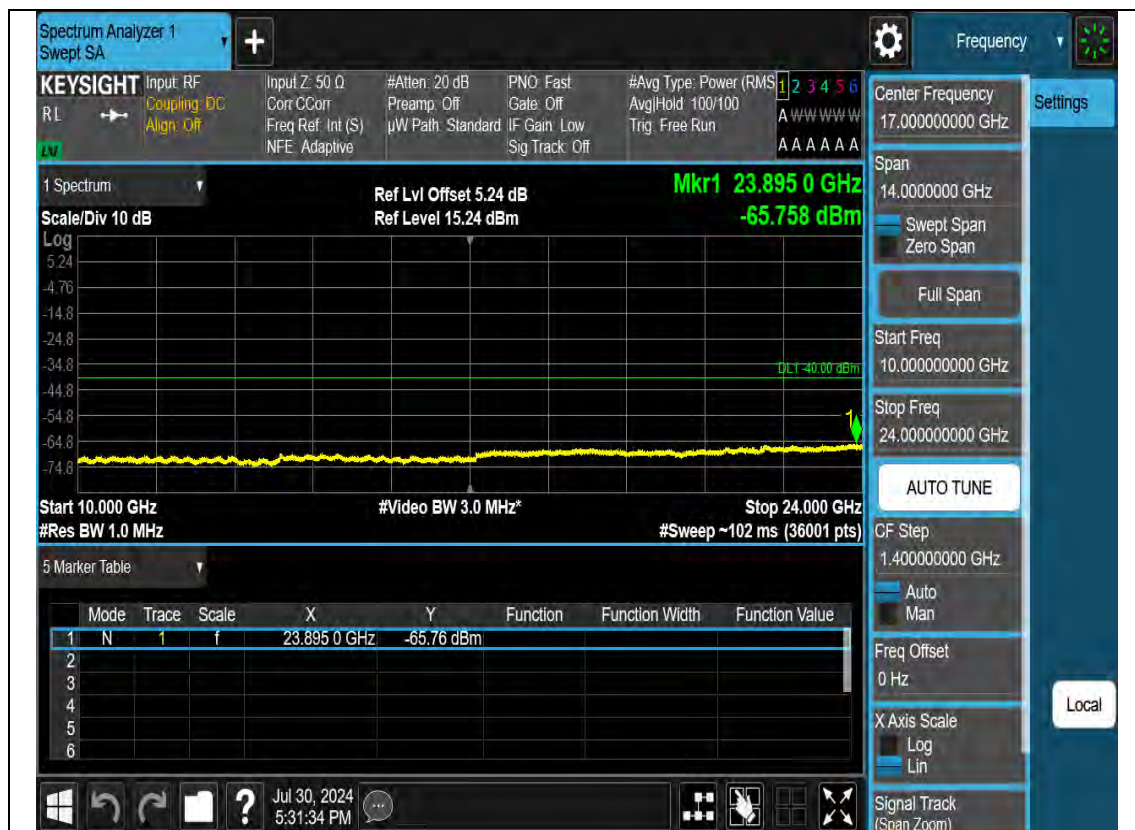
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N30-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N30-5M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-24GHz



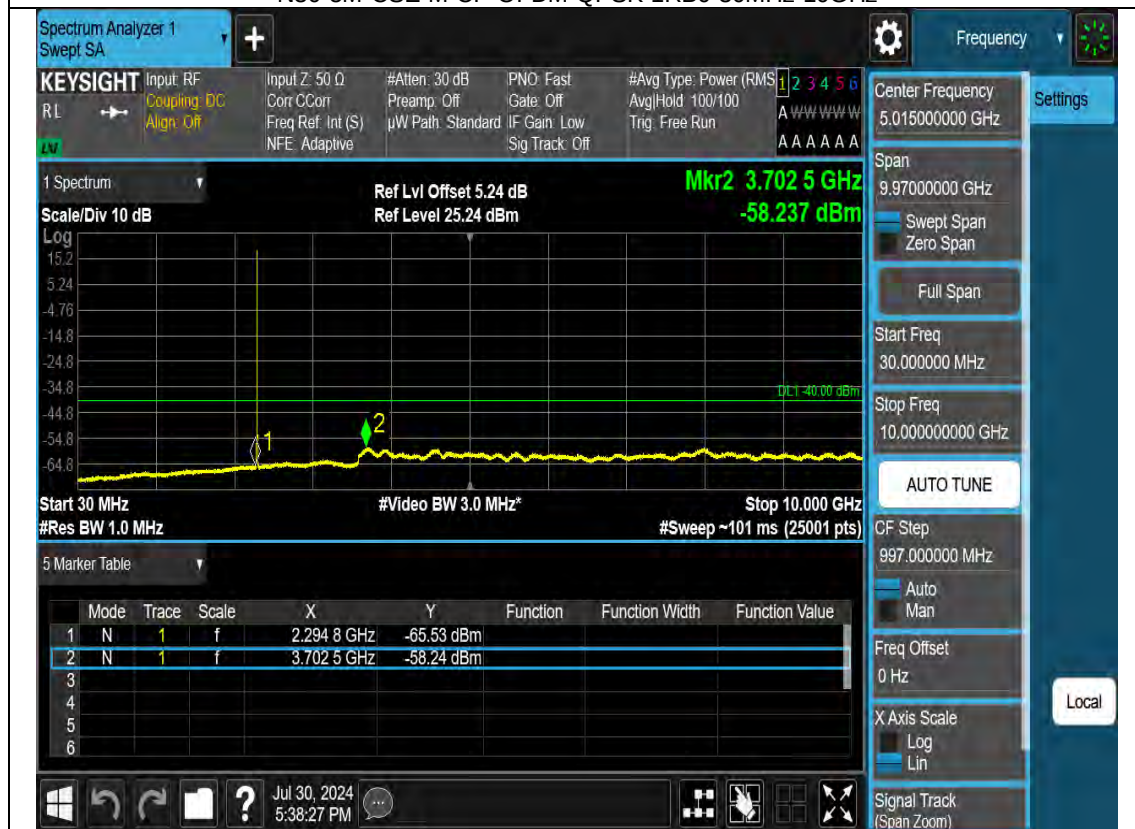
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N30-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-24GHz



N30-5M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N30-5M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-24GHz



N30-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N30-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-24GHz



N30-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N30-5M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-24GHz



N30-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N30-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-24GHz



N30-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N30-10M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-24GHz



Effective (Isotropic) Radiated Power Output Data

Band width	Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)	EIRP(dBm)	Limit	Verdict	Gain
5MHz	DFT-s-OFDM PI/2 BPSK	2307.5MHz	Edge_Full_Left	24.57	22.35	23.98	Pass	-2.22
			Edge_Full_Right	24.64	22.42	23.98	Pass	-2.22
			Edge_1RB_Left	24.38	22.16	23.98	Pass	-2.22
			Edge_1RB_Right	24.35	22.13	23.98	Pass	-2.22
			Outer_Full	24.65	22.43	23.98	Pass	-2.22
			Inner_Full	24.88	22.66	23.98	Pass	-2.22
			Inner_1RB_Left	24.54	22.32	23.98	Pass	-2.22
			Inner_1RB_Right	24.65	22.43	23.98	Pass	-2.22
	DFT-s-OFDM QPSK		Edge_Full_Left	24.21	21.99	23.98	Pass	-2.22
			Edge_Full_Right	24.3	22.08	23.98	Pass	-2.22
			Edge_1RB_Left	23.65	21.43	23.98	Pass	-2.22
			Edge_1RB_Right	23.85	21.63	23.98	Pass	-2.22
			Outer_Full	23.7	21.48	23.98	Pass	-2.22
			Inner_Full	24.48	22.26	23.98	Pass	-2.22
			Inner_1RB_Left	24.34	22.12	23.98	Pass	-2.22
			Inner_1RB_Right	24.54	22.32	23.98	Pass	-2.22
	DFT-s-OFDM 16QAM		Edge_Full_Left	23.24	21.02	23.98	Pass	-2.22
			Edge_Full_Right	23.12	20.9	23.98	Pass	-2.22
			Edge_1RB_Left	22.96	20.74	23.98	Pass	-2.22
			Edge_1RB_Right	22.93	20.71	23.98	Pass	-2.22
			Outer_Full	23.24	21.02	23.98	Pass	-2.22
			Inner_Full	24.19	21.97	23.98	Pass	-2.22
			Inner_1RB_Left	23.71	21.49	23.98	Pass	-2.22
			Inner_1RB_Right	23.85	21.63	23.98	Pass	-2.22
	DFT-s-OFDM 64QAM		Edge_Full_Left	22.83	20.61	23.98	Pass	-2.22
			Edge_Full_Right	22.68	20.46	23.98	Pass	-2.22
			Edge_1RB_Left	22.77	20.55	23.98	Pass	-2.22
			Edge_1RB_Right	22.49	20.27	23.98	Pass	-2.22
			Outer_Full	22.94	20.72	23.98	Pass	-2.22
			Inner_Full	22.34	20.12	23.98	Pass	-2.22
			Inner_1RB_Left	22.6	20.38	23.98	Pass	-2.22
			Inner_1RB_Right	22.39	20.17	23.98	Pass	-2.22
	DFT-s-OFDM 256QAM		Edge_Full_Left	20.64	18.42	23.98	Pass	-2.22
			Edge_Full_Right	20.73	18.51	23.98	Pass	-2.22
			Edge_1RB_Left	20.45	18.23	23.98	Pass	-2.22
			Edge_1RB_Right	20.25	18.03	23.98	Pass	-2.22
			Outer_Full	20.44	18.22	23.98	Pass	-2.22
			Inner_Full	20.57	18.35	23.98	Pass	-2.22
			Inner_1RB_Left	20.28	18.06	23.98	Pass	-2.22
			Inner_1RB_Right	20.47	18.25	23.98	Pass	-2.22
	CP-OFDM QPSK		Edge_Full_Left	21.86	19.64	23.98	Pass	-2.22

		2310MHz	Edge_Full_Right	22.03	19.81	23.98	Pass	-2.22
			Edge_1RB_Left	22.21	19.99	23.98	Pass	-2.22
			Edge_1RB_Right	21.87	19.65	23.98	Pass	-2.22
			Outer_Full	22.08	19.86	23.98	Pass	-2.22
			Inner_Full	23.49	21.27	23.98	Pass	-2.22
			Inner_1RB_Left	23.23	21.01	23.98	Pass	-2.22
			Inner_1RB_Right	23.4	21.18	23.98	Pass	-2.22
	CP-OFDM 16QAM		Edge_Full_Left	21.7	19.48	23.98	Pass	-2.22
			Edge_Full_Right	21.47	19.25	23.98	Pass	-2.22
			Edge_1RB_Left	22.7	20.48	23.98	Pass	-2.22
			Edge_1RB_Right	22.41	20.19	23.98	Pass	-2.22
			Outer_Full	22.14	19.92	23.98	Pass	-2.22
			Inner_Full	23.05	20.83	23.98	Pass	-2.22
			Inner_1RB_Left	23.67	21.45	23.98	Pass	-2.22
	CP-OFDM 64QAM		Inner_1RB_Right	23.5	21.28	23.98	Pass	-2.22
			Edge_Full_Left	21.35	19.13	23.98	Pass	-2.22
			Edge_Full_Right	20.98	18.76	23.98	Pass	-2.22
			Edge_1RB_Left	21.18	18.96	23.98	Pass	-2.22
			Edge_1RB_Right	21.33	19.11	23.98	Pass	-2.22
			Outer_Full	21.59	19.37	23.98	Pass	-2.22
			Inner_Full	21.49	19.27	23.98	Pass	-2.22
	CP-OFDM 256QAM		Inner_1RB_Left	20.94	18.72	23.98	Pass	-2.22
			Inner_1RB_Right	21.24	19.02	23.98	Pass	-2.22
			Edge_Full_Left	18.63	16.41	23.98	Pass	-2.22
			Edge_Full_Right	18.88	16.66	23.98	Pass	-2.22
			Edge_1RB_Left	18.86	16.64	23.98	Pass	-2.22
			Edge_1RB_Right	18.92	16.7	23.98	Pass	-2.22
			Outer_Full	18.39	16.17	23.98	Pass	-2.22
	DFT-s-OFDM PI/2 BPSK		Inner_Full	18.13	15.91	23.98	Pass	-2.22
			Inner_1RB_Left	18.79	16.57	23.98	Pass	-2.22
			Inner_1RB_Right	18.94	16.72	23.98	Pass	-2.22
			Edge_Full_Left	24.06	21.84	23.98	Pass	-2.22
			Edge_Full_Right	24.63	22.41	23.98	Pass	-2.22
			Edge_1RB_Left	24.08	21.86	23.98	Pass	-2.22
			Edge_1RB_Right	24.1	21.88	23.98	Pass	-2.22
	DFT-s-OFDM QPSK		Outer_Full	24.55	22.33	23.98	Pass	-2.22
			Inner_Full	24.46	22.24	23.98	Pass	-2.22
			Inner_1RB_Left	24.4	22.18	23.98	Pass	-2.22
			Inner_1RB_Right	24.55	22.33	23.98	Pass	-2.22
			Edge_Full_Left	24.09	21.87	23.98	Pass	-2.22
			Edge_Full_Right	23.72	21.5	23.98	Pass	-2.22
			Edge_1RB_Left	24.29	22.07	23.98	Pass	-2.22
			Edge_1RB_Right	23.93	21.71	23.98	Pass	-2.22
			Outer_Full	24.04	21.82	23.98	Pass	-2.22
			Inner_Full	24.35	22.13	23.98	Pass	-2.22

	DFT-s-OFDM 16QAM	Inner_1RB_Left	24.54	22.32	23.98	Pass	-2.22
		Inner_1RB_Right	24.34	22.12	23.98	Pass	-2.22
		Edge_Full_Left	23.12	20.9	23.98	Pass	-2.22
		Edge_Full_Right	22.94	20.72	23.98	Pass	-2.22
		Edge_1RB_Left	22.78	20.56	23.98	Pass	-2.22
		Edge_1RB_Right	22.74	20.52	23.98	Pass	-2.22
		Outer_Full	23.06	20.84	23.98	Pass	-2.22
		Inner_Full	24.19	21.97	23.98	Pass	-2.22
		Inner_1RB_Left	23.61	21.39	23.98	Pass	-2.22
		Inner_1RB_Right	23.68	21.46	23.98	Pass	-2.22
	DFT-s-OFDM 64QAM	Edge_Full_Left	22.6	20.38	23.98	Pass	-2.22
		Edge_Full_Right	22.78	20.56	23.98	Pass	-2.22
		Edge_1RB_Left	22.67	20.45	23.98	Pass	-2.22
		Edge_1RB_Right	22.75	20.53	23.98	Pass	-2.22
		Outer_Full	22.68	20.46	23.98	Pass	-2.22
		Inner_Full	22.54	20.32	23.98	Pass	-2.22
		Inner_1RB_Left	22.73	20.51	23.98	Pass	-2.22
		Inner_1RB_Right	22.79	20.57	23.98	Pass	-2.22
		Edge_Full_Left	20.84	18.62	23.98	Pass	-2.22
		Edge_Full_Right	20.92	18.7	23.98	Pass	-2.22
	DFT-s-OFDM 256QAM	Edge_1RB_Left	20.41	18.19	23.98	Pass	-2.22
		Edge_1RB_Right	20.51	18.29	23.98	Pass	-2.22
		Outer_Full	20.55	18.33	23.98	Pass	-2.22
		Inner_Full	20.38	18.16	23.98	Pass	-2.22
		Inner_1RB_Left	20.7	18.48	23.98	Pass	-2.22
		Inner_1RB_Right	20.52	18.3	23.98	Pass	-2.22
		Edge_Full_Left	21.9	19.68	23.98	Pass	-2.22
		Edge_Full_Right	22.14	19.92	23.98	Pass	-2.22
		Edge_1RB_Left	21.57	19.35	23.98	Pass	-2.22
		Edge_1RB_Right	21.52	19.3	23.98	Pass	-2.22
	CP-OFDM QPSK	Outer_Full	21.89	19.67	23.98	Pass	-2.22
		Inner_Full	23.47	21.25	23.98	Pass	-2.22
		Inner_1RB_Left	23.12	20.9	23.98	Pass	-2.22
		Inner_1RB_Right	23.45	21.23	23.98	Pass	-2.22
		Edge_Full_Left	21.96	19.74	23.98	Pass	-2.22
		Edge_Full_Right	21.95	19.73	23.98	Pass	-2.22
		Edge_1RB_Left	22.03	19.81	23.98	Pass	-2.22
		Edge_1RB_Right	22.33	20.11	23.98	Pass	-2.22
		Outer_Full	22.01	19.79	23.98	Pass	-2.22
		Inner_Full	22.9	20.68	23.98	Pass	-2.22
	CP-OFDM 16QAM	Inner_1RB_Left	23.04	20.82	23.98	Pass	-2.22
		Inner_1RB_Right	23.04	20.82	23.98	Pass	-2.22
		Edge_Full_Left	21.35	19.13	23.98	Pass	-2.22
		Edge_Full_Right	21.21	18.99	23.98	Pass	-2.22
		Edge_1RB_Left	21.37	19.15	23.98	Pass	-2.22
	CP-OFDM 64QAM						

		2312.5MHz Z	Edge_1RB_Right	21.36	19.14	23.98	Pass	-2.22	
			Outer_Full	22.08	19.86	23.98	Pass	-2.22	
			Inner_Full	21.52	19.3	23.98	Pass	-2.22	
			Inner_1RB_Left	21.46	19.24	23.98	Pass	-2.22	
			Inner_1RB_Right	21.48	19.26	23.98	Pass	-2.22	
	CP-OFDM 256QAM		Edge_Full_Left	18.46	16.24	23.98	Pass	-2.22	
			Edge_Full_Right	18.97	16.75	23.98	Pass	-2.22	
			Edge_1RB_Left	19.21	16.99	23.98	Pass	-2.22	
			Edge_1RB_Right	19.14	16.92	23.98	Pass	-2.22	
			Outer_Full	18.71	16.49	23.98	Pass	-2.22	
			Inner_Full	18.25	16.03	23.98	Pass	-2.22	
			Inner_1RB_Left	19.03	16.81	23.98	Pass	-2.22	
			Inner_1RB_Right	19.14	16.92	23.98	Pass	-2.22	
			DFT-s-OFDM PI/2 BPSK	Edge_Full_Left	24.57	22.35	23.98	Pass	-2.22
				Edge_Full_Right	24.57	22.35	23.98	Pass	-2.22
	Edge_1RB_Left			24.04	21.82	23.98	Pass	-2.22	
	Edge_1RB_Right			24.57	22.35	23.98	Pass	-2.22	
	Outer_Full			24.47	22.25	23.98	Pass	-2.22	
	Inner_Full			24.66	22.44	23.98	Pass	-2.22	
	Inner_1RB_Left			24.63	22.41	23.98	Pass	-2.22	
	Inner_1RB_Right			24.63	22.41	23.98	Pass	-2.22	
	DFT-s-OFDM QPSK			Edge_Full_Left	23.88	21.66	23.98	Pass	-2.22
				Edge_Full_Right	23.51	21.29	23.98	Pass	-2.22
			Edge_1RB_Left	23.79	21.57	23.98	Pass	-2.22	
			Edge_1RB_Right	23.36	21.14	23.98	Pass	-2.22	
			Outer_Full	23.7	21.48	23.98	Pass	-2.22	
			Inner_Full	24.69	22.47	23.98	Pass	-2.22	
			Inner_1RB_Left	24.47	22.25	23.98	Pass	-2.22	
			Inner_1RB_Right	24.33	22.11	23.98	Pass	-2.22	
			DFT-s-OFDM 16QAM	Edge_Full_Left	22.69	20.47	23.98	Pass	-2.22
				Edge_Full_Right	22.22	20	23.98	Pass	-2.22
	Edge_1RB_Left			22.92	20.7	23.98	Pass	-2.22	
	Edge_1RB_Right			21.91	19.69	23.98	Pass	-2.22	
	Outer_Full			22.76	20.54	23.98	Pass	-2.22	
	Inner_Full			23.85	21.63	23.98	Pass	-2.22	
	Inner_1RB_Left			23.83	21.61	23.98	Pass	-2.22	
	Inner_1RB_Right			23.34	21.12	23.98	Pass	-2.22	
	DFT-s-OFDM 64QAM			Edge_Full_Left	22.88	20.66	23.98	Pass	-2.22
				Edge_Full_Right	22.05	19.83	23.98	Pass	-2.22
			Edge_1RB_Left	22.25	20.03	23.98	Pass	-2.22	
			Edge_1RB_Right	21.79	19.57	23.98	Pass	-2.22	
			Outer_Full	22.35	20.13	23.98	Pass	-2.22	
			Inner_Full	22.29	20.07	23.98	Pass	-2.22	
			Inner_1RB_Left	22.31	20.09	23.98	Pass	-2.22	
			Inner_1RB_Right	21.76	19.54	23.98	Pass	-2.22	

	DFT-s-OFDM 256QAM		Edge_Full_Left	20.94	18.72	23.98	Pass	-2.22
			Edge_Full_Right	19.92	17.7	23.98	Pass	-2.22
			Edge_1RB_Left	20.63	18.41	23.98	Pass	-2.22
			Edge_1RB_Right	20.14	17.92	23.98	Pass	-2.22
			Outer_Full	20.66	18.44	23.98	Pass	-2.22
			Inner_Full	20.49	18.27	23.98	Pass	-2.22
			Inner_1RB_Left	20.5	18.28	23.98	Pass	-2.22
			Inner_1RB_Right	20.11	17.89	23.98	Pass	-2.22
	CP-OFDM QPSK		Edge_Full_Left	22.13	19.91	23.98	Pass	-2.22
			Edge_Full_Right	22.2	19.98	23.98	Pass	-2.22
			Edge_1RB_Left	22.02	19.8	23.98	Pass	-2.22
			Edge_1RB_Right	21.94	19.72	23.98	Pass	-2.22
			Outer_Full	22.27	20.05	23.98	Pass	-2.22
			Inner_Full	23.33	21.11	23.98	Pass	-2.22
			Inner_1RB_Left	23.42	21.2	23.98	Pass	-2.22
			Inner_1RB_Right	22.88	20.66	23.98	Pass	-2.22
	CP-OFDM 16QAM		Edge_Full_Left	21.97	19.75	23.98	Pass	-2.22
			Edge_Full_Right	21.76	19.54	23.98	Pass	-2.22
			Edge_1RB_Left	22.14	19.92	23.98	Pass	-2.22
			Edge_1RB_Right	22.08	19.86	23.98	Pass	-2.22
			Outer_Full	22.38	20.16	23.98	Pass	-2.22
			Inner_Full	22.91	20.69	23.98	Pass	-2.22
			Inner_1RB_Left	23.33	21.11	23.98	Pass	-2.22
			Inner_1RB_Right	22.53	20.31	23.98	Pass	-2.22
	CP-OFDM 64QAM		Edge_Full_Left	21.01	18.79	23.98	Pass	-2.22
			Edge_Full_Right	21.53	19.31	23.98	Pass	-2.22
			Edge_1RB_Left	21.65	19.43	23.98	Pass	-2.22
			Edge_1RB_Right	21.95	19.73	23.98	Pass	-2.22
			Outer_Full	22.04	19.82	23.98	Pass	-2.22
			Inner_Full	21.57	19.35	23.98	Pass	-2.22
			Inner_1RB_Left	21.39	19.17	23.98	Pass	-2.22
			Inner_1RB_Right	21.53	19.31	23.98	Pass	-2.22
	CP-OFDM 256QAM		Edge_Full_Left	19.12	16.9	23.98	Pass	-2.22
			Edge_Full_Right	18.92	16.7	23.98	Pass	-2.22
			Edge_1RB_Left	19.41	17.19	23.98	Pass	-2.22
			Edge_1RB_Right	19.22	17	23.98	Pass	-2.22
			Outer_Full	18.87	16.65	23.98	Pass	-2.22
			Inner_Full	18.51	16.29	23.98	Pass	-2.22
			Inner_1RB_Left	19.13	16.91	23.98	Pass	-2.22
			Inner_1RB_Right	19.2	16.98	23.98	Pass	-2.22
	DFT-s-OFDM PI/2 BPSK	2310MHz	Edge_Full_Left	24.25	22.03	23.98	Pass	-2.22
			Edge_Full_Right	24.38	22.16	23.98	Pass	-2.22
			Edge_1RB_Left	24.01	21.79	23.98	Pass	-2.22
			Edge_1RB_Right	24.12	21.9	23.98	Pass	-2.22
			Outer_Full	24.57	22.35	23.98	Pass	-2.22

	DFT-s-OFDM QPSK	Inner_Full	24.69	22.47	23.98	Pass	-2.22
		Inner_1RB_Left	24.1	21.88	23.98	Pass	-2.22
		Inner_1RB_Right	24.36	22.14	23.98	Pass	-2.22
		Edge_Full_Left	23.84	21.62	23.98	Pass	-2.22
		Edge_Full_Right	23.84	21.62	23.98	Pass	-2.22
		Edge_1RB_Left	23.94	21.72	23.98	Pass	-2.22
		Edge_1RB_Right	23.91	21.69	23.98	Pass	-2.22
		Outer_Full	23.63	21.41	23.98	Pass	-2.22
	DFT-s-OFDM 16QAM	Inner_Full	24.24	22.02	23.98	Pass	-2.22
		Inner_1RB_Left	24.45	22.23	23.98	Pass	-2.22
		Inner_1RB_Right	24.21	21.99	23.98	Pass	-2.22
		Edge_Full_Left	22.62	20.4	23.98	Pass	-2.22
		Edge_Full_Right	22.83	20.61	23.98	Pass	-2.22
		Edge_1RB_Left	22.79	20.57	23.98	Pass	-2.22
		Edge_1RB_Right	22.44	20.22	23.98	Pass	-2.22
		Outer_Full	22.85	20.63	23.98	Pass	-2.22
	DFT-s-OFDM 64QAM	Inner_Full	24.09	21.87	23.98	Pass	-2.22
		Inner_1RB_Left	23.55	21.33	23.98	Pass	-2.22
		Inner_1RB_Right	23.24	21.02	23.98	Pass	-2.22
		Edge_Full_Left	22.72	20.5	23.98	Pass	-2.22
		Edge_Full_Right	22.45	20.23	23.98	Pass	-2.22
		Edge_1RB_Left	22.42	20.2	23.98	Pass	-2.22
		Edge_1RB_Right	22.19	19.97	23.98	Pass	-2.22
		Outer_Full	22.58	20.36	23.98	Pass	-2.22
	DFT-s-OFDM 256QAM	Inner_Full	22.38	20.16	23.98	Pass	-2.22
		Inner_1RB_Left	22.4	20.18	23.98	Pass	-2.22
		Inner_1RB_Right	22.4	20.18	23.98	Pass	-2.22
		Edge_Full_Left	20.27	18.05	23.98	Pass	-2.22
		Edge_Full_Right	20.8	18.58	23.98	Pass	-2.22
		Edge_1RB_Left	20.38	18.16	23.98	Pass	-2.22
		Edge_1RB_Right	20.5	18.28	23.98	Pass	-2.22
		Outer_Full	20.2	17.98	23.98	Pass	-2.22
	CP-OFDM QPSK	Inner_Full	20.3	18.08	23.98	Pass	-2.22
		Inner_1RB_Left	20.28	18.06	23.98	Pass	-2.22
		Inner_1RB_Right	20.43	18.21	23.98	Pass	-2.22
		Edge_Full_Left	21.83	19.61	23.98	Pass	-2.22
		Edge_Full_Right	21.89	19.67	23.98	Pass	-2.22
		Edge_1RB_Left	21.46	19.24	23.98	Pass	-2.22
		Edge_1RB_Right	21.59	19.37	23.98	Pass	-2.22
		Outer_Full	21.77	19.55	23.98	Pass	-2.22
	CP-OFDM 16QAM	Inner_Full	23.43	21.21	23.98	Pass	-2.22
		Inner_1RB_Left	23.31	21.09	23.98	Pass	-2.22
		Inner_1RB_Right	23.43	21.21	23.98	Pass	-2.22
		Edge_Full_Left	21.98	19.76	23.98	Pass	-2.22
		Edge_Full_Right	21.61	19.39	23.98	Pass	-2.22

		Edge_1RB_Left	22.03	19.81	23.98	Pass	-2.22
		Edge_1RB_Right	21.97	19.75	23.98	Pass	-2.22
		Outer_Full	21.97	19.75	23.98	Pass	-2.22
		Inner_Full	22.95	20.73	23.98	Pass	-2.22
		Inner_1RB_Left	23.01	20.79	23.98	Pass	-2.22
		Inner_1RB_Right	22.97	20.75	23.98	Pass	-2.22
	CP-OFDM 64QAM	Edge_Full_Left	20.96	18.74	23.98	Pass	-2.22
		Edge_Full_Right	21.16	18.94	23.98	Pass	-2.22
		Edge_1RB_Left	21.62	19.4	23.98	Pass	-2.22
		Edge_1RB_Right	21.24	19.02	23.98	Pass	-2.22
		Outer_Full	21.6	19.38	23.98	Pass	-2.22
		Inner_Full	21.21	18.99	23.98	Pass	-2.22
	CP-OFDM 256QAM	Inner_1RB_Left	21.16	18.94	23.98	Pass	-2.22
		Inner_1RB_Right	21.49	19.27	23.98	Pass	-2.22
		Edge_Full_Left	18.58	16.36	23.98	Pass	-2.22
		Edge_Full_Right	18.22	16	23.98	Pass	-2.22
		Edge_1RB_Left	18.79	16.57	23.98	Pass	-2.22
		Edge_1RB_Right	18.8	16.58	23.98	Pass	-2.22
		Outer_Full	18.51	16.29	23.98	Pass	-2.22
		Inner_Full	18.44	16.22	23.98	Pass	-2.22
		Inner_1RB_Left	18.83	16.61	23.98	Pass	-2.22
		Inner_1RB_Right	19	16.78	23.98	Pass	-2.22

Frequency Stability

Bandwidth	Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Result (ppm)	Limit (ppm)	Verdict
5MHz	DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	20	LV	-5.9	-0.0031	2.5	Pass
					HV	-7.97	-0.0042	2.5	Pass
				-30	NV	8.37	0.0045	2.5	Pass
				-20	NV	-10.19	-0.0054	2.5	Pass
				-10	NV	3.8	0.0020	2.5	Pass
				0	NV	7.22	0.0038	2.5	Pass
				10	NV	-3.56	-0.0019	2.5	Pass
				20	NV	-4.26	-0.0023	2.5	Pass
				30	NV	-6.37	-0.0034	2.5	Pass
				40	NV	2.5	0.0013	2.5	Pass
	50			NV	-5.48	-0.0029	2.5	Pass	
	CP-OFDM QPSK			20	LV	-7.08	-0.0038	2.5	Pass
					HV	9.06	0.0048	2.5	Pass
				-30	NV	-5.6	-0.0030	2.5	Pass
				-20	NV	-9.57	-0.0051	2.5	Pass
				-10	NV	-8.24	-0.0044	2.5	Pass
				0	NV	6.85	0.0036	2.5	Pass
				10	NV	8.06	0.0043	2.5	Pass
				20	NV	-5.25	-0.0028	2.5	Pass
				30	NV	2.86	0.0015	2.5	Pass
40		NV	9.12	0.0049	2.5	Pass			
50	NV	2.49	0.0013	2.5	Pass				
10MHz	DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	20	LV	-2.38	-0.0013	2.5	Pass
					HV	5.08	0.0027	2.5	Pass
				-30	NV	4.79	0.0025	2.5	Pass
				-20	NV	3.73	0.0020	2.5	Pass
				-10	NV	4.25	0.0023	2.5	Pass
				0	NV	2.88	0.0015	2.5	Pass
				10	NV	6.09	0.0032	2.5	Pass
				20	NV	-4.09	-0.0022	2.5	Pass
				30	NV	-3.79	-0.0020	2.5	Pass
				40	NV	-2.58	-0.0014	2.5	Pass
	50			NV	-6.72	-0.0036	2.5	Pass	
	CP-OFDM QPSK			20	LV	-2.73	-0.0015	2.5	Pass
					HV	2.03	0.0011	2.5	Pass
				-30	NV	5.77	0.0031	2.5	Pass
				-20	NV	-5.91	-0.0031	2.5	Pass
				-10	NV	10.45	0.0056	2.5	Pass

				0	NV	-3.63	-0.0019	2.5	Pass
				10	NV	-8.1	-0.0043	2.5	Pass
				20	NV	-2.9	-0.0015	2.5	Pass
				30	NV	4.42	0.0024	2.5	Pass
				40	NV	2.17	0.0012	2.5	Pass
				50	NV	2.32	0.0012	2.5	Pass

Field Strength of Spurious Radiation

NR Band n30-Low channel, Modulation: QPSK, Bandwidth:5MHz, 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
4610.5	-64.71	-40	-24.71	-70.26	4.01	9.56	Horizontal	Pass
6915.75	-62.53	-40	-22.53	-69.36	4.19	11.02	Horizontal	Pass
9221.0	-62.75	-40	-22.75	-71.29	4.68	13.22	Horizontal	Pass
4610.5	-65.44	-40	-25.44	-70.99	4.01	9.56	Vertical	Pass
6915.75	-63.13	-40	-23.13	-69.96	4.19	11.02	Vertical	Pass
9221.0	-63.55	-40	-23.55	-72.09	4.68	13.22	Vertical	Pass

NR Band n30-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 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
4615.5	-64.6	-40	-24.6	-70.16	4.01	9.57	Horizontal	Pass
6923.25	-62.28	-40	-22.28	-69.12	4.19	11.03	Horizontal	Pass
9231.0	-62.72	-40	-22.72	-71.25	4.69	13.22	Horizontal	Pass
4615.5	-65.49	-40	-25.49	-71.05	4.01	9.57	Vertical	Pass
6923.25	-62.81	-40	-22.81	-69.65	4.19	11.03	Vertical	Pass
9231.0	-62.56	-40	-22.56	-71.09	4.69	13.22	Vertical	Pass

NR Band n30-High channel, Modulation: QPSK, Bandwidth:5MHz, 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
4620.5	-64.41	-40	-24.41	-69.97	4.02	9.58	Horizontal	Pass
6930.75	-62.57	-40	-22.57	-69.42	4.19	11.04	Horizontal	Pass
9241.0	-62.95	-40	-22.95	-71.48	4.69	13.22	Horizontal	Pass
4620.5	-65.05	-40	-25.05	-70.61	4.02	9.58	Vertical	Pass
6930.75	-63.81	-40	-23.81	-70.66	4.19	11.04	Vertical	Pass
9241.0	-63.59	-40	-23.59	-72.12	4.69	13.22	Vertical	Pass

---End of Attachment---