

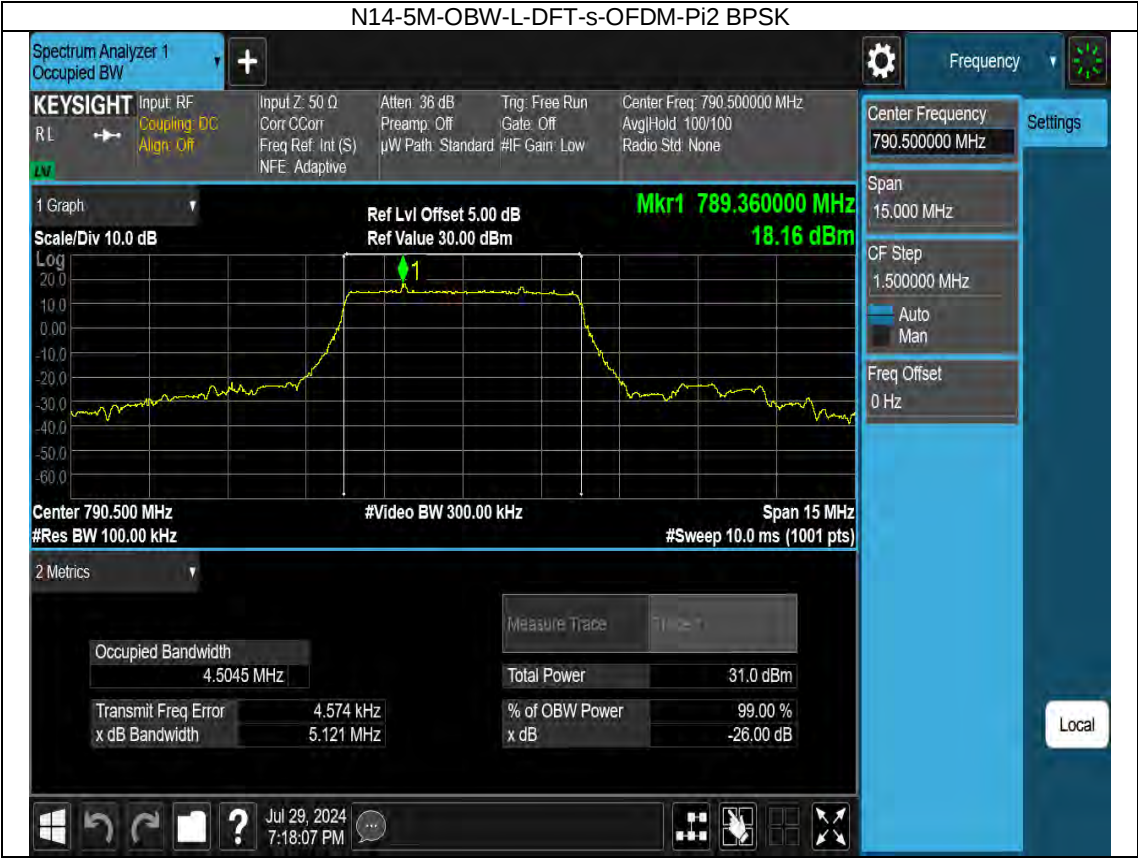
99% & 26dB Bandwidth

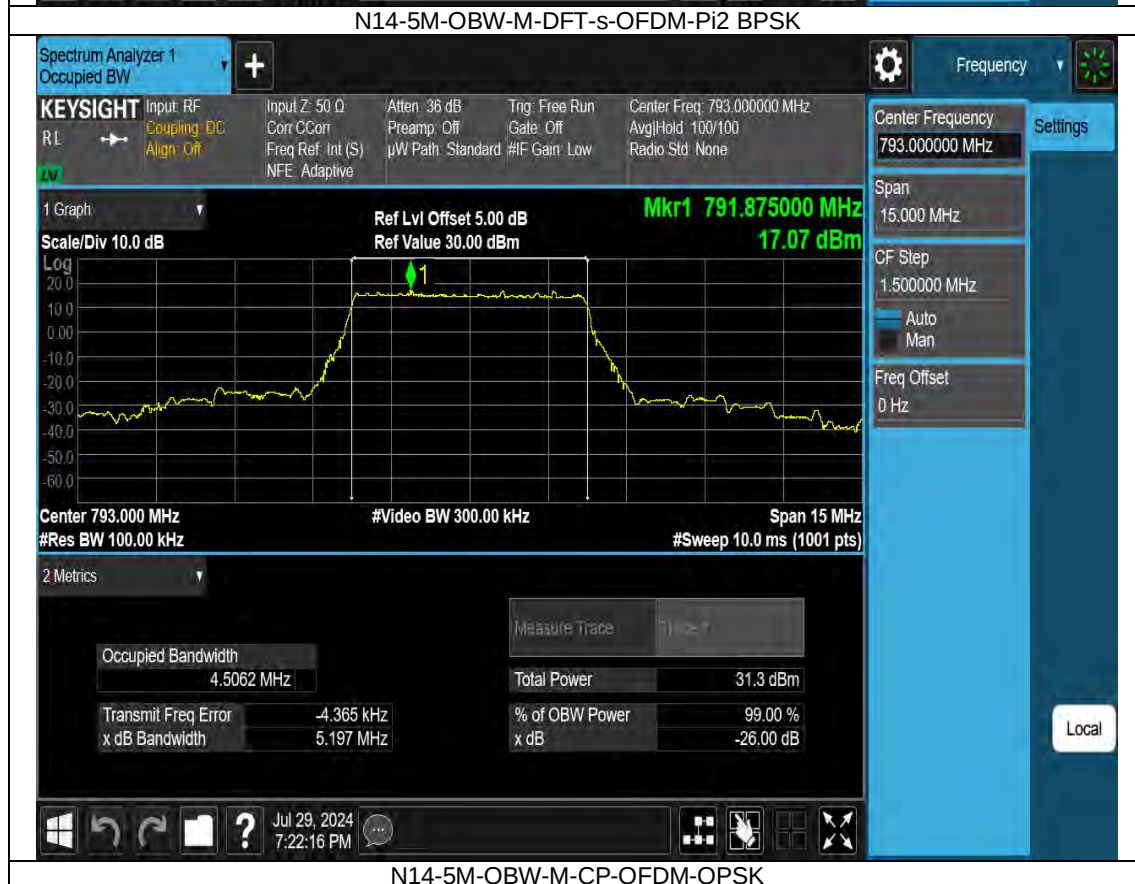
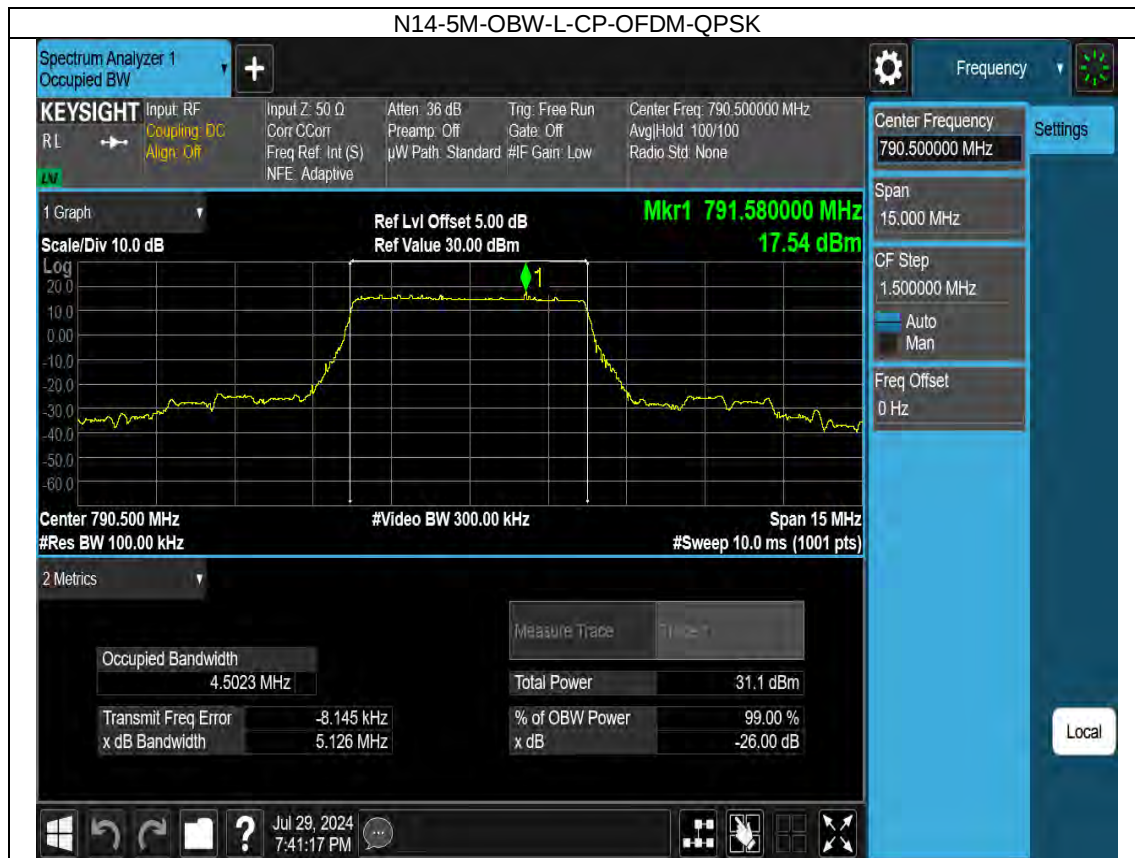
Test Result

5G NR N14 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	5.12	/	Pass
CP-OFDM QPSK		Outer Full	4.5	5.13	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer Full	4.51	5.2	/	Pass
CP-OFDM QPSK		Outer Full	4.5	5.19	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer Full	4.52	5.2	/	Pass
CP-OFDM QPSK		Outer Full	4.51	5.32	/	Pass

5G NR N14 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	8.94	9.68	/	Pass
CP-OFDM QPSK		Outer Full	9.31	10.17	/	Pass

Test Graph







N14-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N14-5M-OBW-H-CP-OFDM-QPSK



N14-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N14-10M-OBW-M-CP-OFDM-QPSK



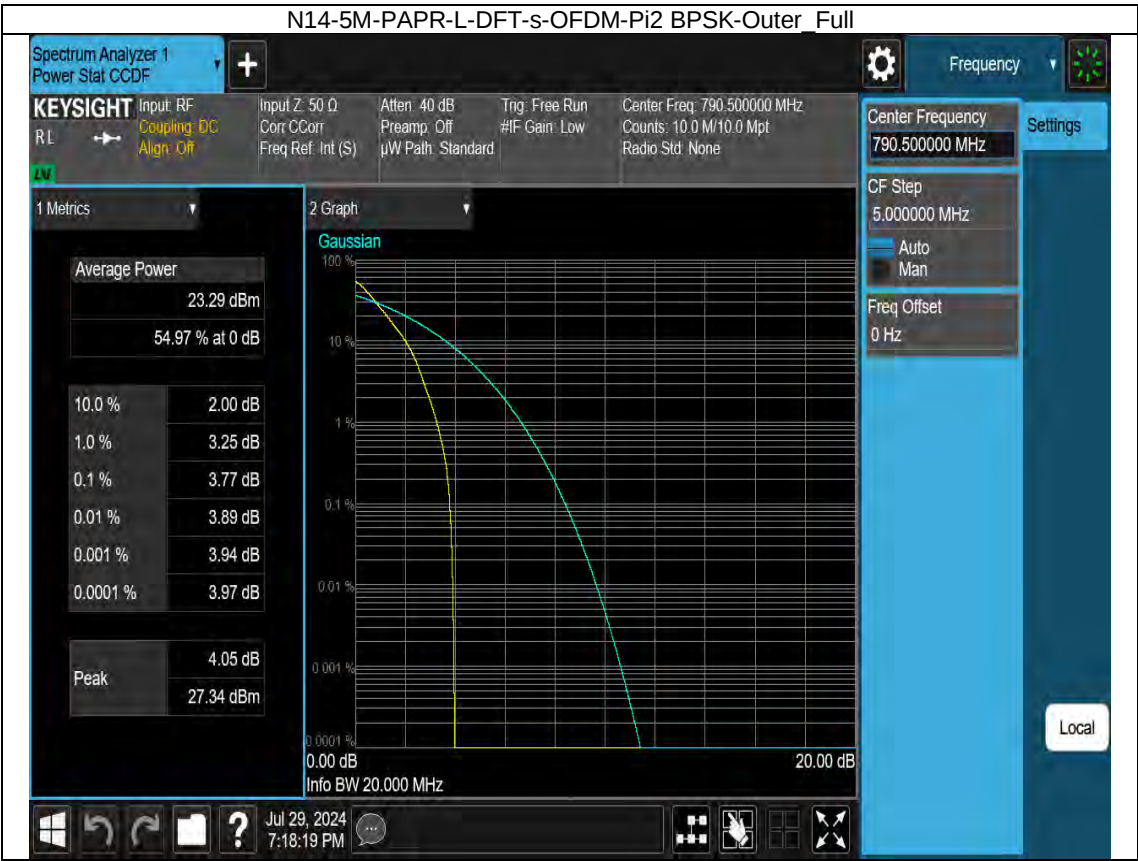
Peak-Average Ratio

Test Result

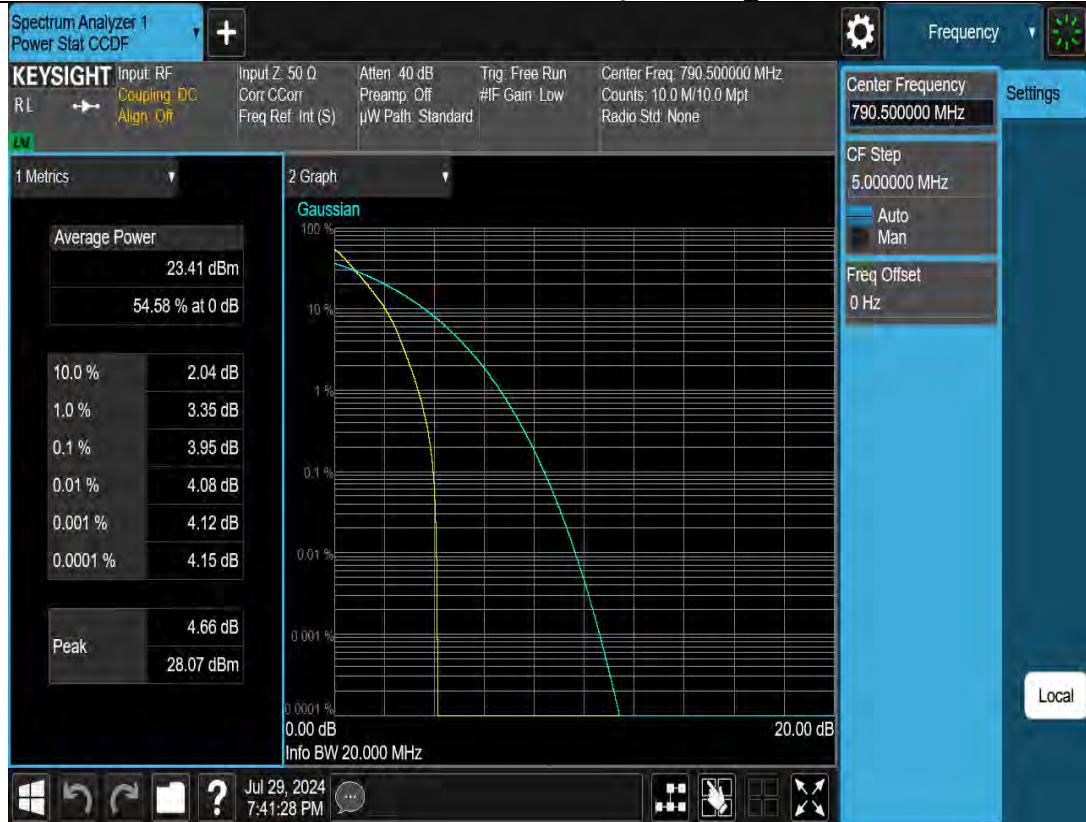
5G NR N14 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer Full	3.77	<=13	Pass
CP-OFDM QPSK		Outer Full	3.95	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer Full	4.27	<=13	Pass
CP-OFDM QPSK		Outer Full	6.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer Full	4.18	<=13	Pass
CP-OFDM QPSK		Outer Full	6.52	<=13	Pass

5G NR N14 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Middle	Outer Full	4.34	<=13	Pass
CP-OFDM QPSK		Outer Full	6.96	<=13	Pass

Test Graph



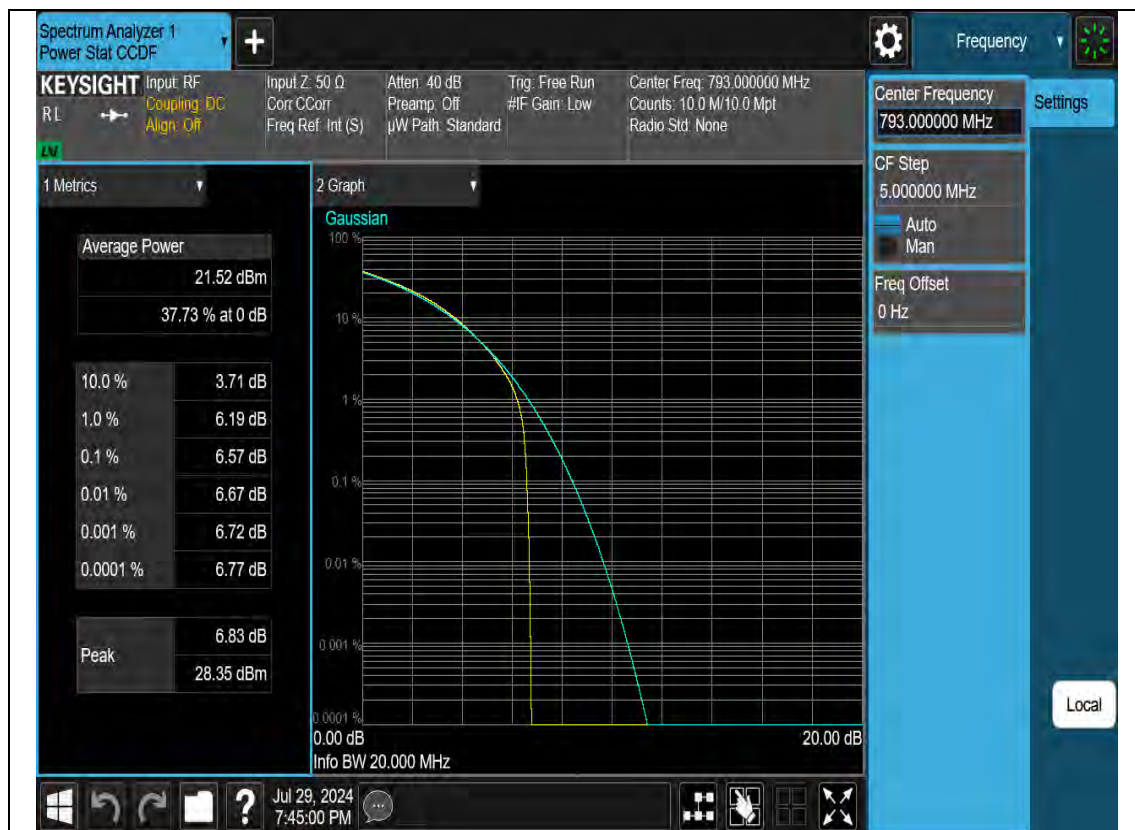
N14-5M-PAPR-L-CP-OFDM-QPSK-Outer_Full



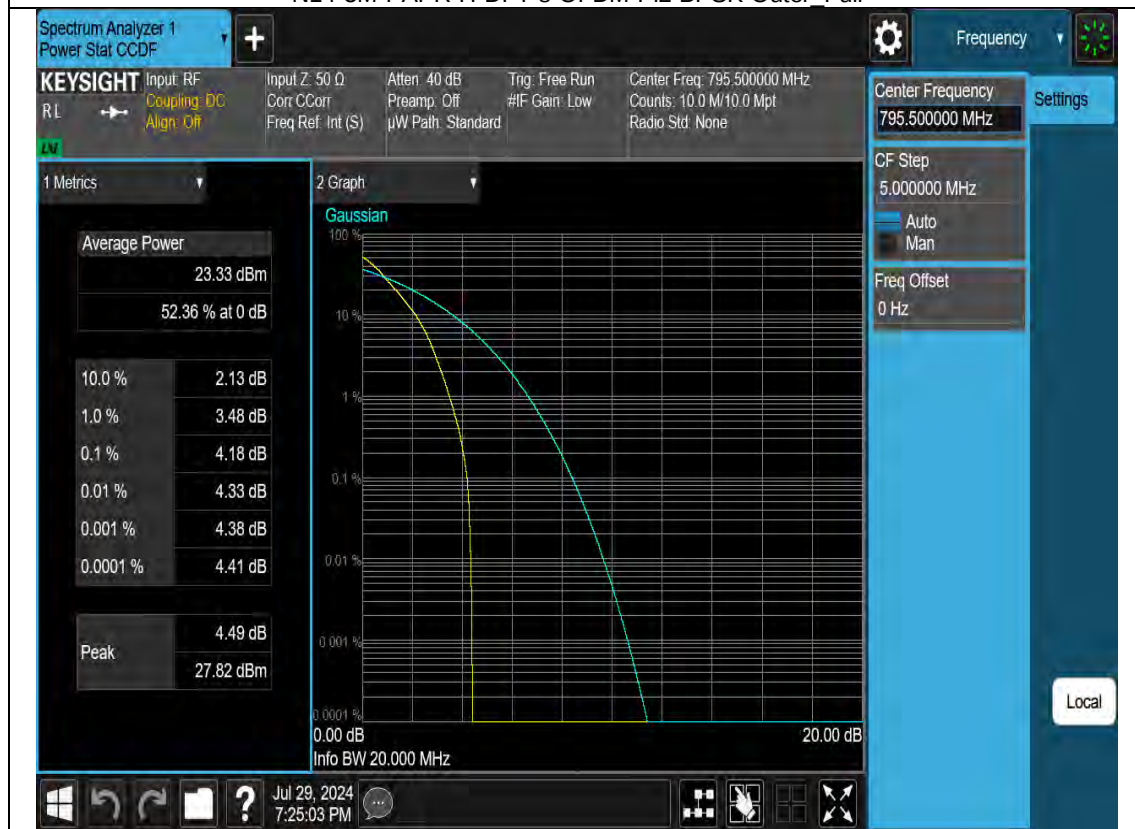
N14-5M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



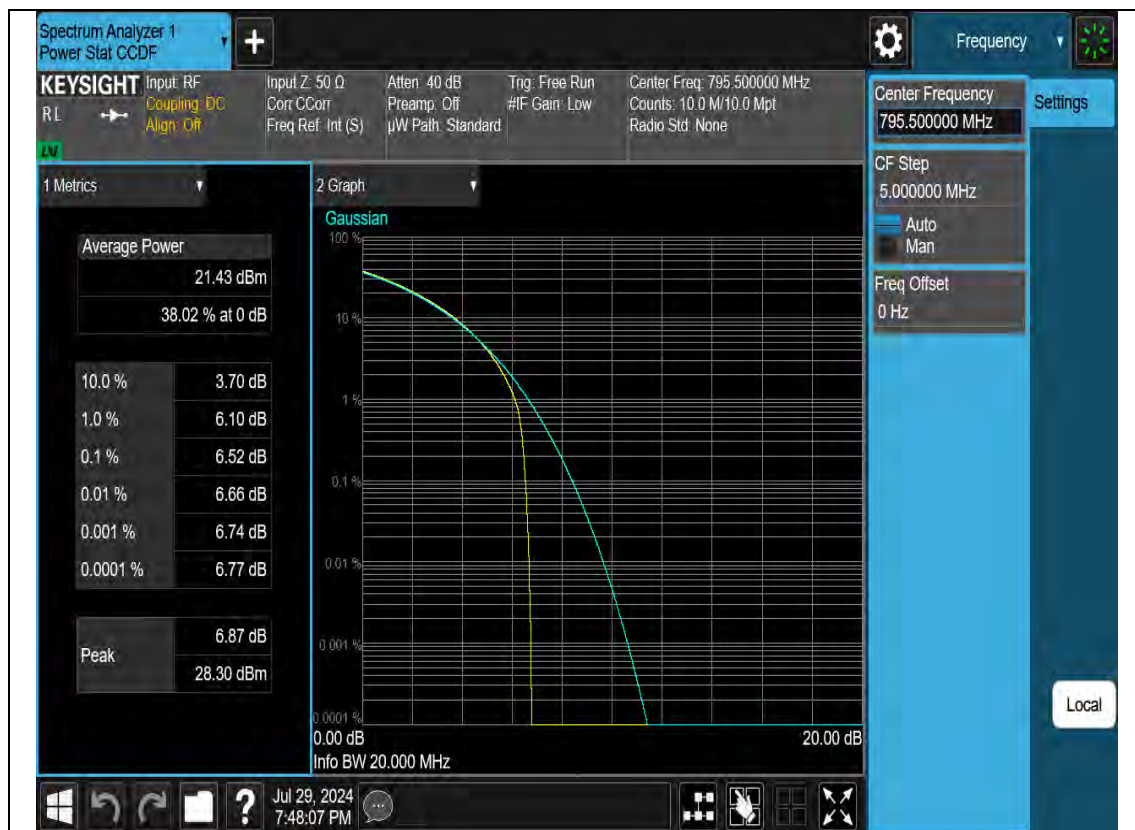
N14-5M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N14-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outter_Full



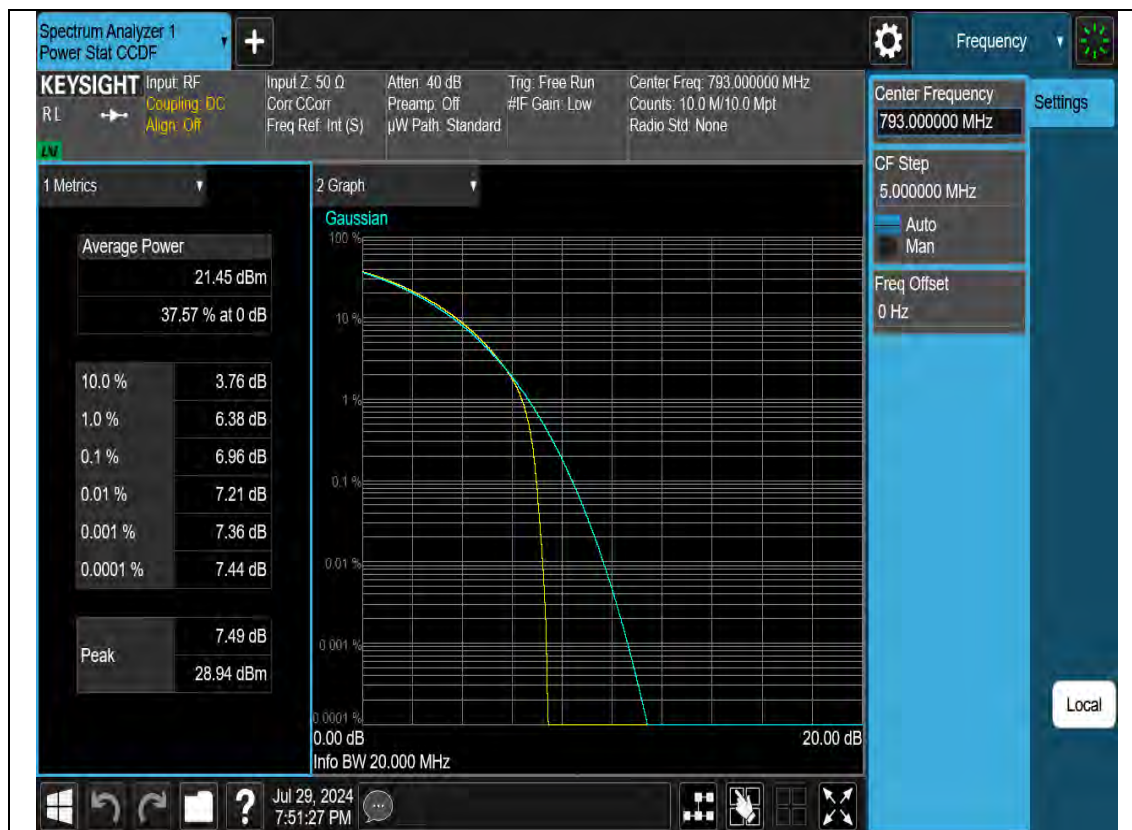
N14-5M-PAPR-H-CP-OFDM-QPSK-Outter_Full



N14-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N14-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full

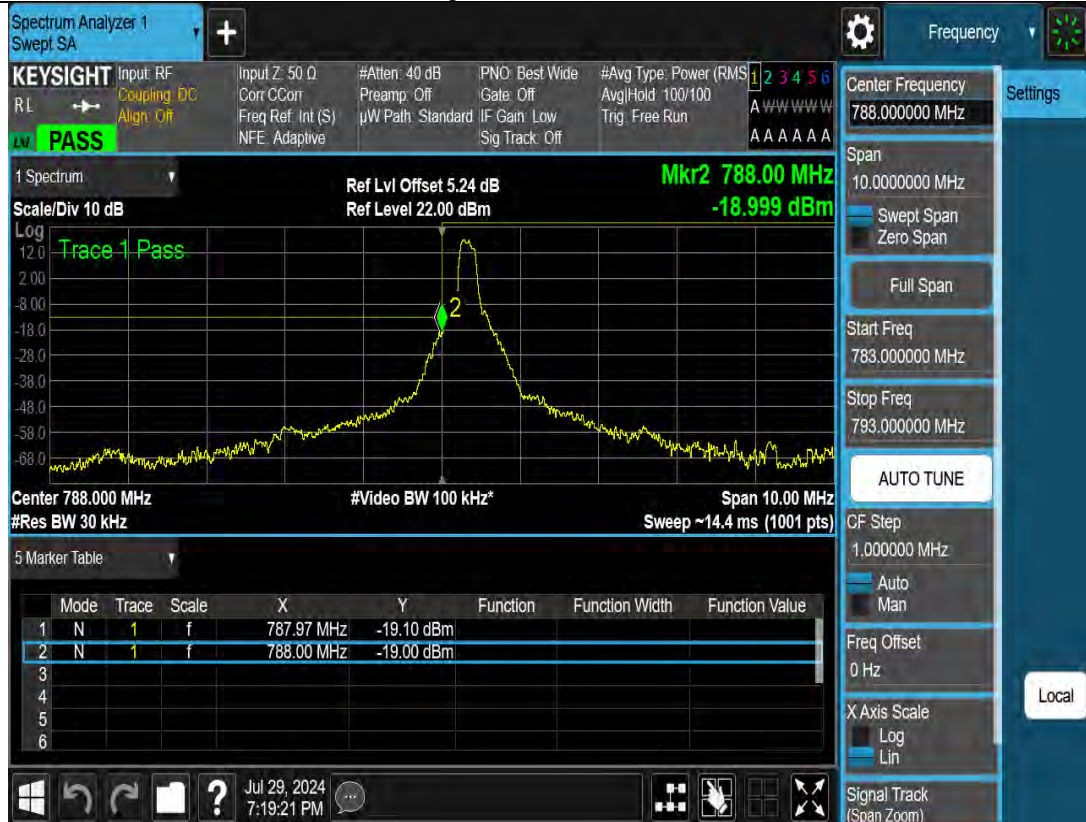


Bandedge

test graph



N14-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N14-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



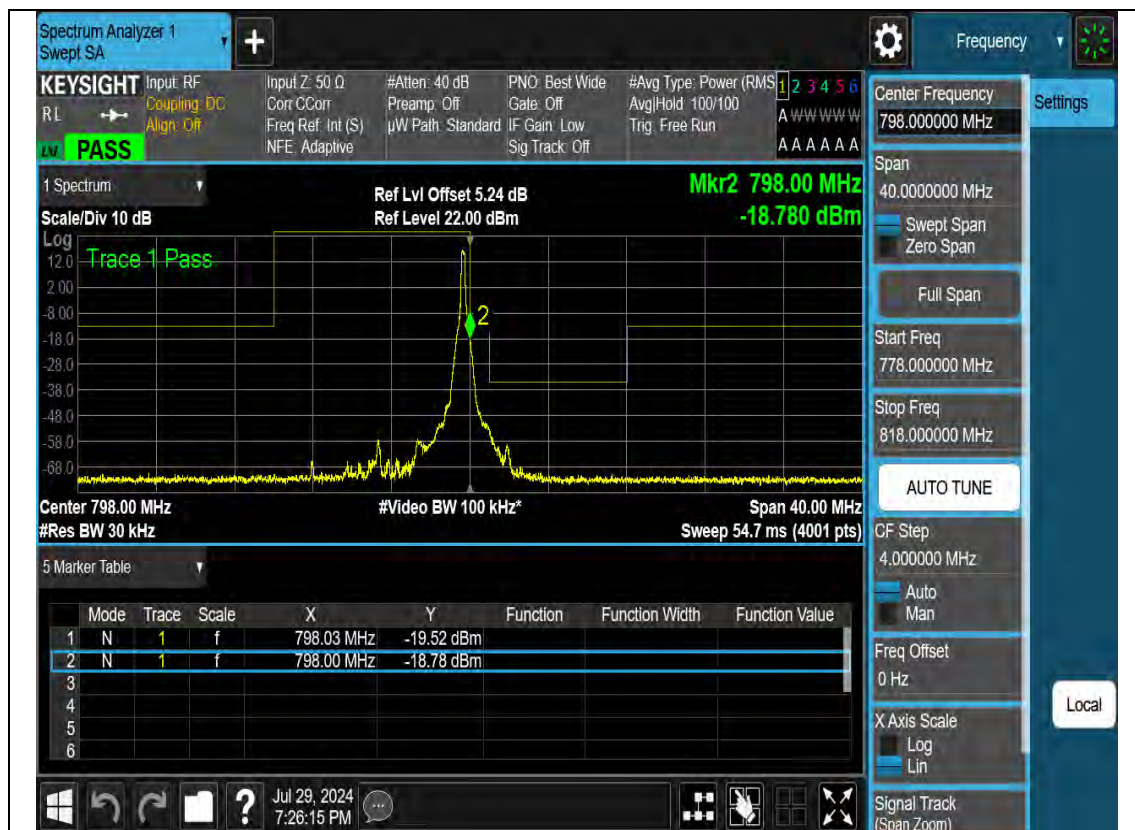
N14-5M-Bandedge-L-CP-OFDM-QPSK-1RB0



N14-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



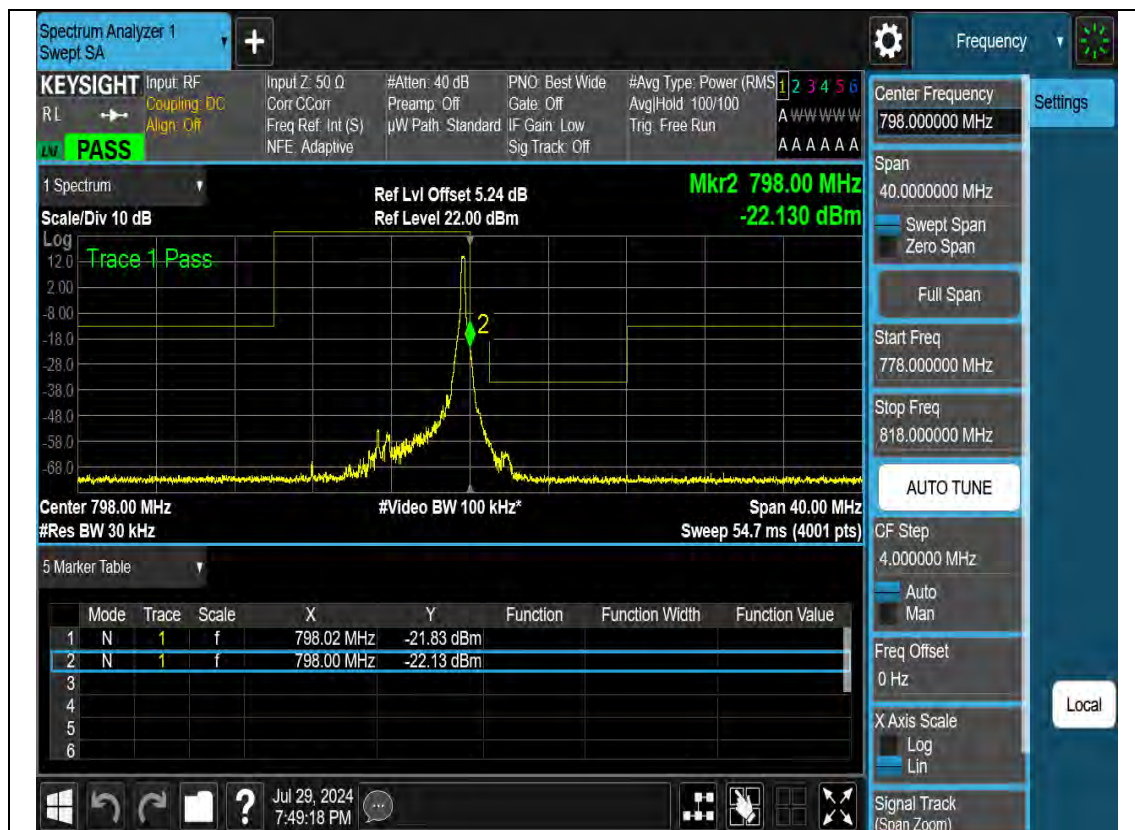
N14-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N14-5M-Bandedge-H-CP-OFDM-QPSK-Outer Full



N14-5M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



N14-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-Outer Full-Left



N14-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-Outer Full-Right



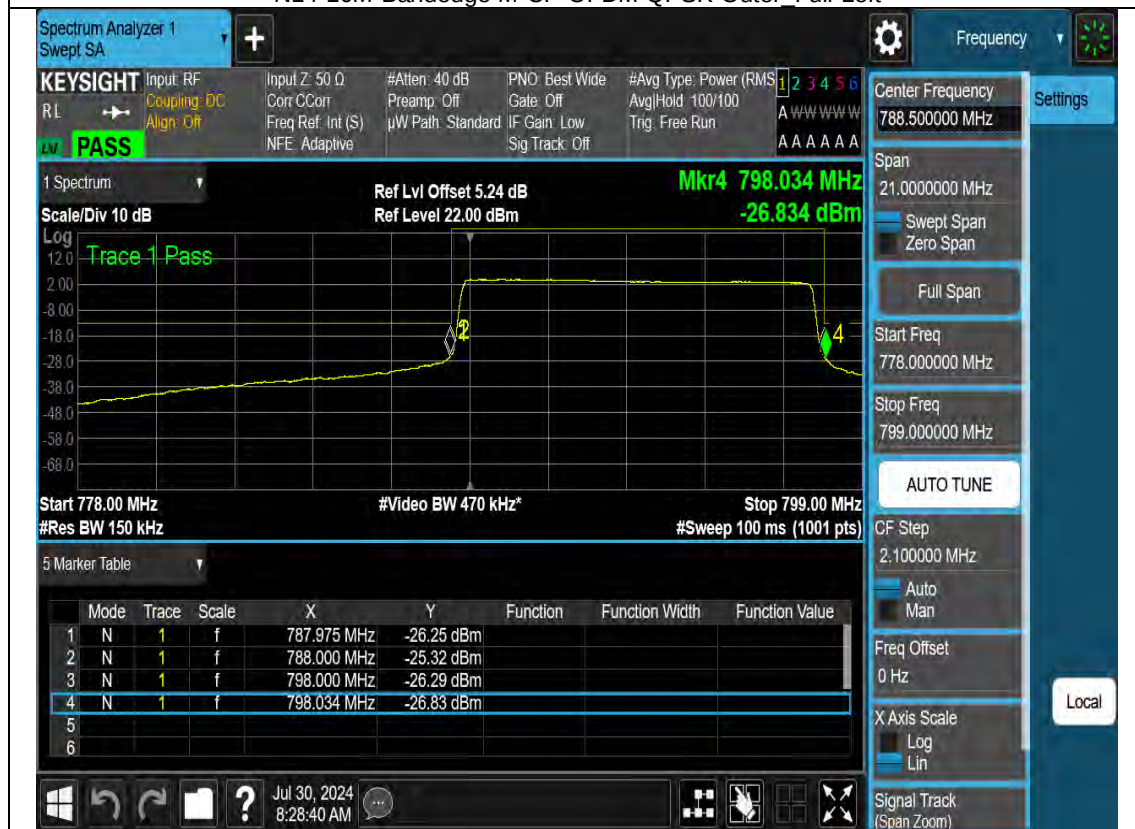
N14-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB0



N14-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



N14-10M-Bandedge-M-CP-OFDM-QPSK-Outer_Full-Left



N14-10M-Bandedge-M-CP-OFDM-QPSK-Outer_Full-Right



N14-10M-Bandedge-M-CP-OFDM-QPSK-1RB0



N14-10M-Bandedge-M-CP-OFDM-QPSK-1RB_MAX

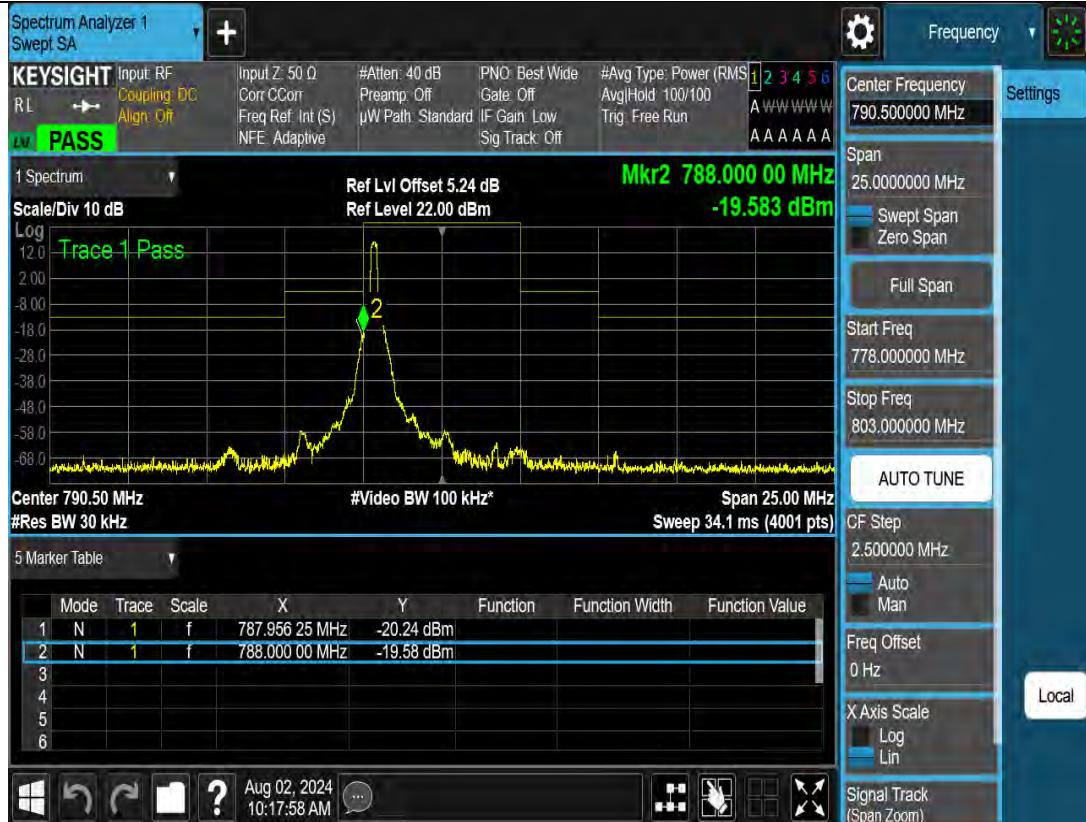


Emission mask

test graph



N14-5M-Emission mask-L-DFT-s-OFDM-Pi2 BPSK-1RB0



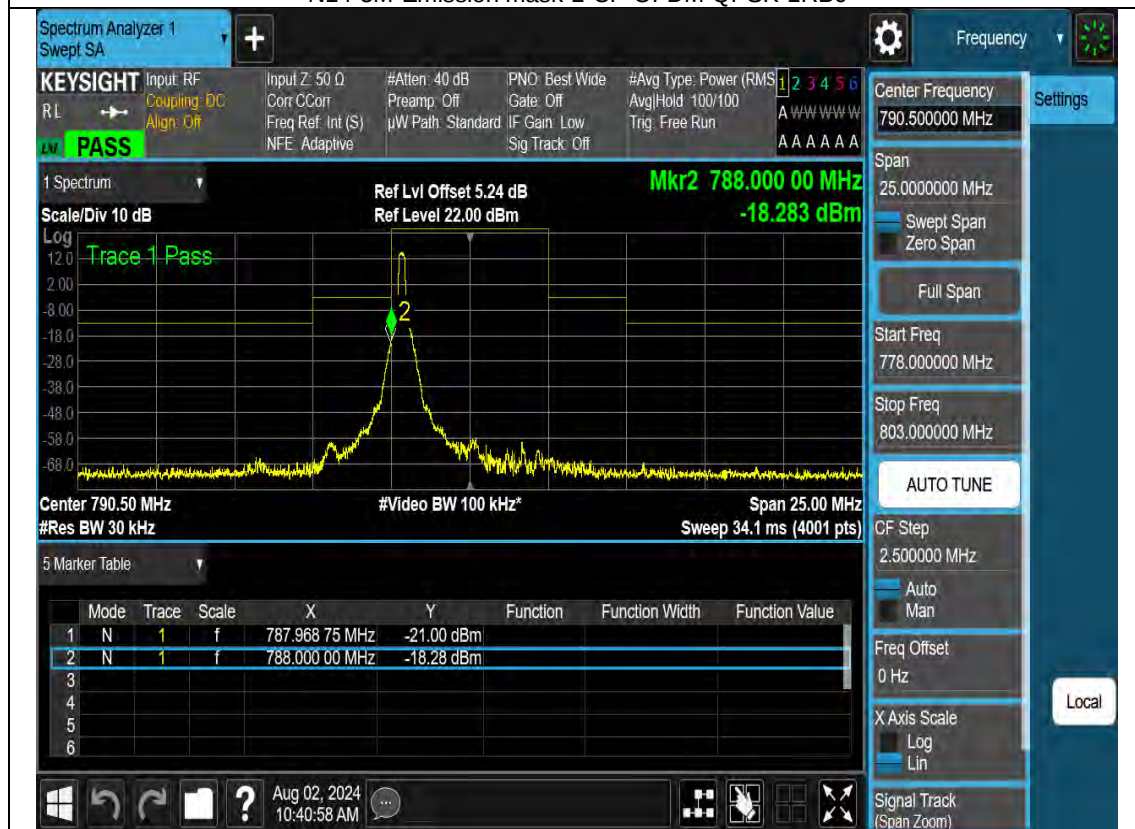
N14-5M-Emission mask-L-DFT-s-OFDM-Pi2 BPSK-1RB Max



N14-5M-Emission mask-L-CP-OFDM-QPSK-Outer_Full



N14-5M-Emission mask-L-CP-OFDM-QPSK-1RB0



N14-5M-Emission mask-L-CP-OFDM-QPSK-1RB_Max



N14-5M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-Outter Full



N14-5M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-1RB0



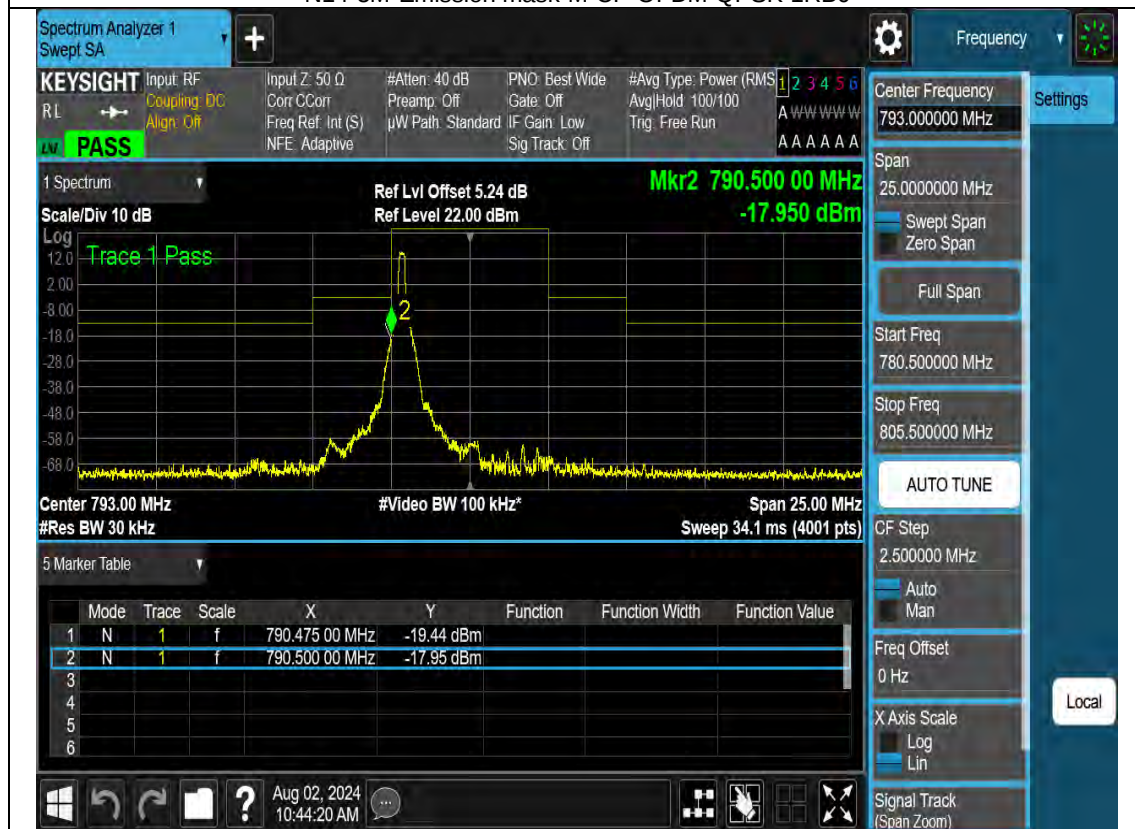
N14-5M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-1RB Max



N14-5M-Emission mask-M-CP-OFDM-QPSK-Outer_Full



N14-5M-Emission mask-M-CP-OFDM-QPSK-1RB0



N14-5M-Emission mask-M-CP-OFDM-QPSK-1RB_Max



N14-5M-Emission mask-H-DFT-s-OFDM-Pi2 BPSK-Outter Full



N14-5M-Emission mask-H-DFT-s-OFDM-Pi2 BPSK-1RB0



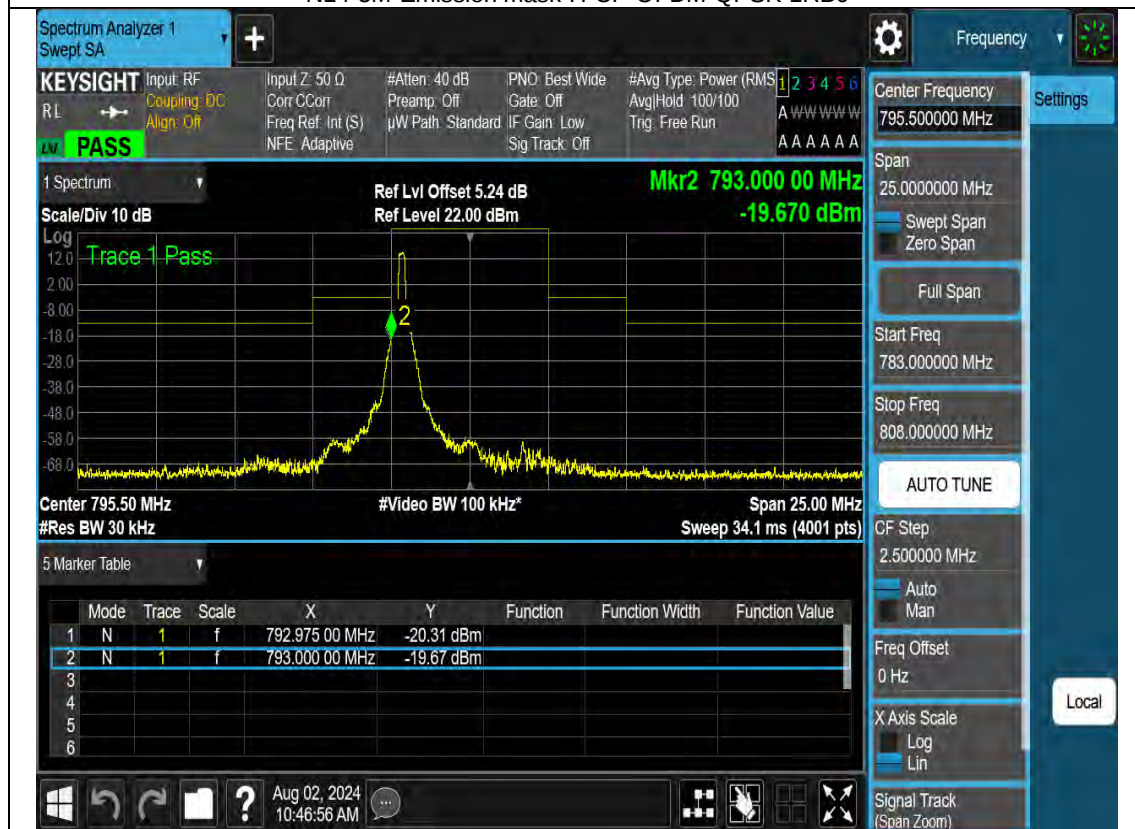
N14-5M-Emission mask-H-DFT-s-OFDM-Pi2 BPSK-1RB Max



N14-5M-Emission mask-H-CP-OFDM-QPSK-Outer_Full



N14-5M-Emission mask-H-CP-OFDM-QPSK-1RB0



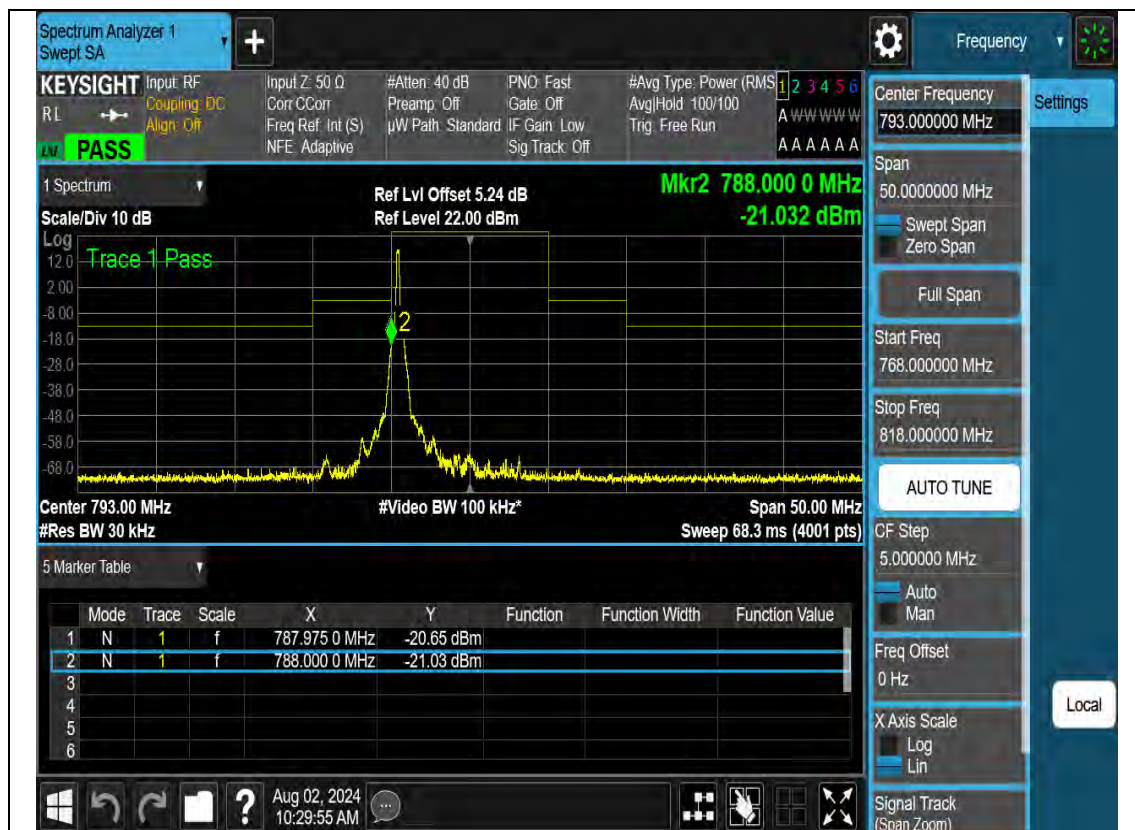
N14-5M-Emission mask-H-CP-OFDM-QPSK-1RB_Max



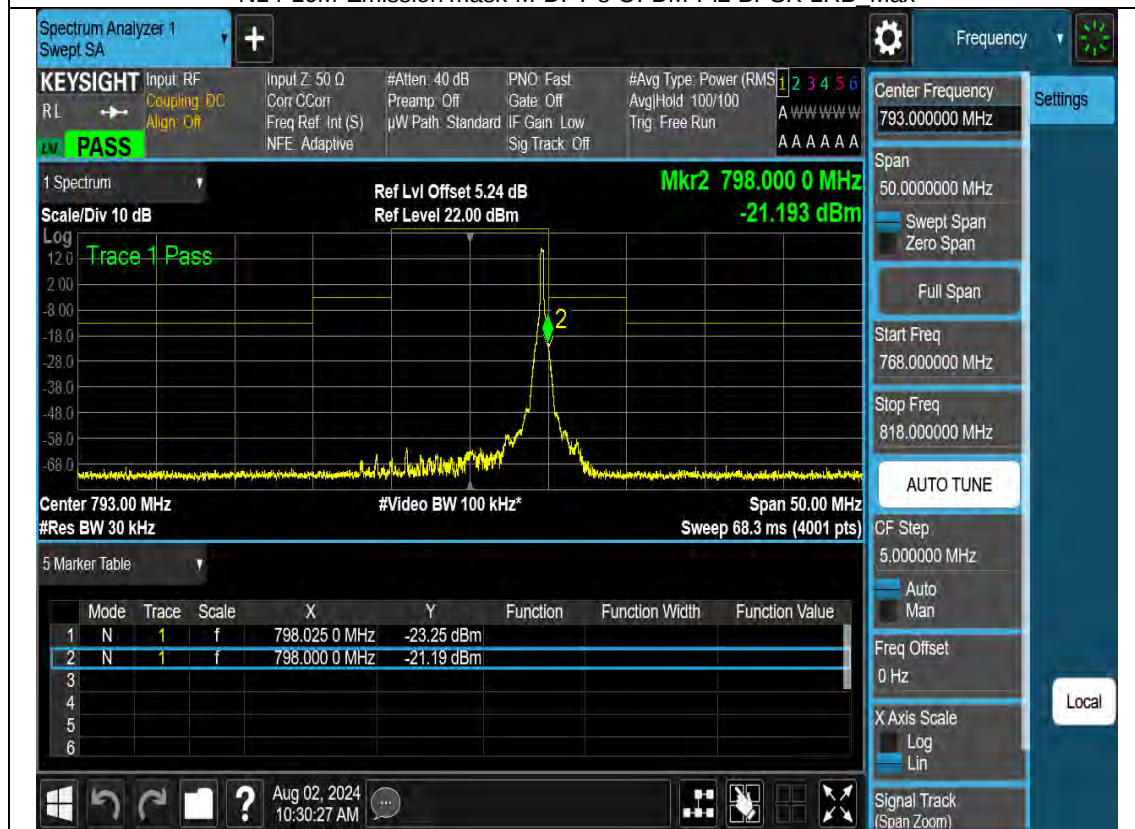
N14-10M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-Outer Full



N14-10M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-1RB0



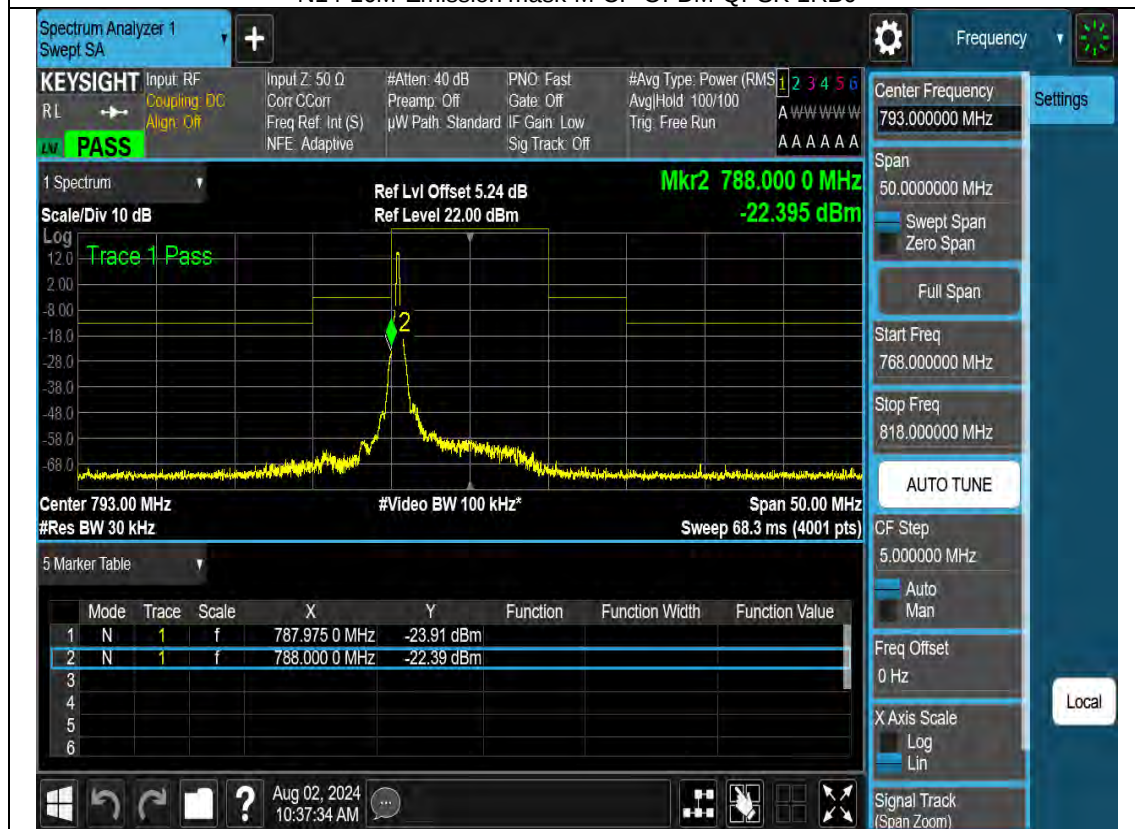
N14-10M-Emission mask-M-DFT-s-OFDM-Pi2 BPSK-1RB Max



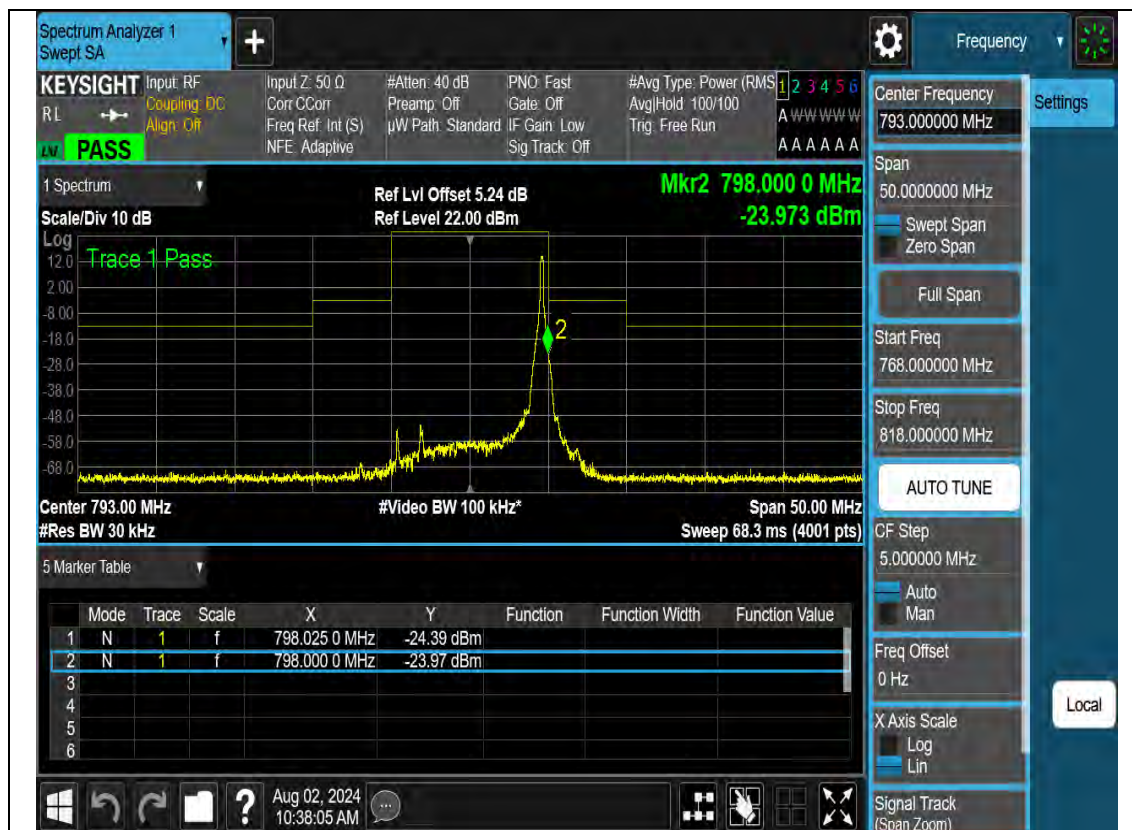
N14-10M-Emission mask-M-CP-OFDM-QPSK-Outer Full



N14-10M-Emission mask-M-CP-OFDM-QPSK-1RB0

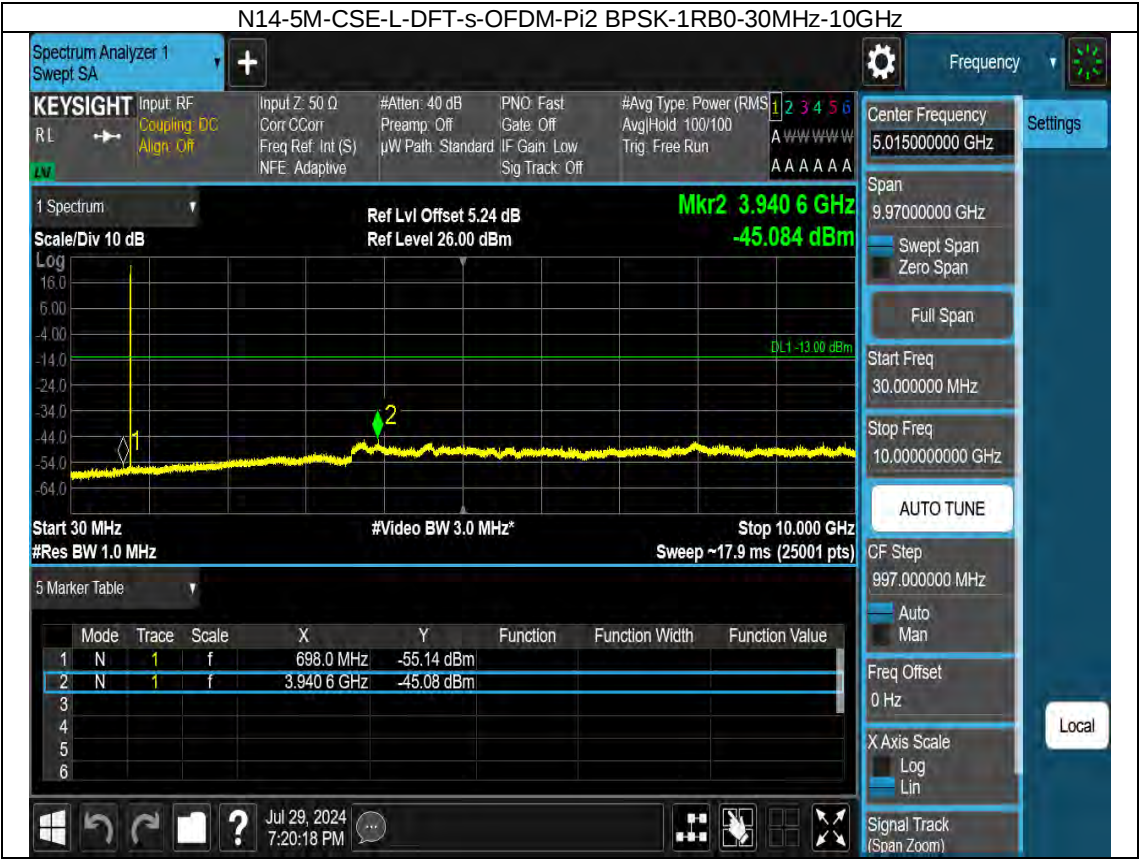


N14-10M-Emission mask-M-CP-OFDM-QPSK-1RB_Max



Conducted spurious emissions

test graph



N14-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N14-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N14-5M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N14-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N14-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N14-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N14-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



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	790.5MHz	Edge_Full_Left	23.43	23.47	34.8	Pass	2.19
			Edge_Full_Right	23.31	23.35	34.8	Pass	2.19
			Edge_1RB_Left	23.4	23.44	34.8	Pass	2.19
			Edge_1RB_Right	23.23	23.27	34.8	Pass	2.19
			Outer_Full	23.6	23.64	34.8	Pass	2.19
			Inner_Full	23.7	23.74	34.8	Pass	2.19
			Inner_1RB_Left	23.48	23.52	34.8	Pass	2.19
			Inner_1RB_Right	23.53	23.57	34.8	Pass	2.19
	DFT-s-OFDM QPSK		Edge_Full_Left	23.03	23.07	34.8	Pass	2.19
			Edge_Full_Right	23.07	23.11	34.8	Pass	2.19
			Edge_1RB_Left	22.91	22.95	34.8	Pass	2.19
			Edge_1RB_Right	22.92	22.96	34.8	Pass	2.19
			Outer_Full	23.03	23.07	34.8	Pass	2.19
			Inner_Full	23.42	23.46	34.8	Pass	2.19
			Inner_1RB_Left	23.46	23.5	34.8	Pass	2.19
			Inner_1RB_Right	23.52	23.56	34.8	Pass	2.19
	DFT-s-OFDM 16QAM		Edge_Full_Left	22.05	22.09	34.8	Pass	2.19
			Edge_Full_Right	22.1	22.14	34.8	Pass	2.19
			Edge_1RB_Left	21.86	21.9	34.8	Pass	2.19
			Edge_1RB_Right	21.72	21.76	34.8	Pass	2.19
			Outer_Full	22.22	22.26	34.8	Pass	2.19
			Inner_Full	23.04	23.08	34.8	Pass	2.19
			Inner_1RB_Left	22.48	22.52	34.8	Pass	2.19
			Inner_1RB_Right	22.93	22.97	34.8	Pass	2.19
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.76	21.8	34.8	Pass	2.19
			Edge_Full_Right	21.75	21.79	34.8	Pass	2.19
			Edge_1RB_Left	21.55	21.59	34.8	Pass	2.19
			Edge_1RB_Right	21.52	21.56	34.8	Pass	2.19
			Outer_Full	21.68	21.72	34.8	Pass	2.19
			Inner_Full	21.51	21.55	34.8	Pass	2.19
			Inner_1RB_Left	21.7	21.74	34.8	Pass	2.19
			Inner_1RB_Right	21.54	21.58	34.8	Pass	2.19
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.65	19.69	34.8	Pass	2.19
			Edge_Full_Right	19.57	19.61	34.8	Pass	2.19
			Edge_1RB_Left	19.25	19.29	34.8	Pass	2.19
			Edge_1RB_Right	19.4	19.44	34.8	Pass	2.19
			Outer_Full	19.5	19.54	34.8	Pass	2.19
			Inner_Full	19.38	19.42	34.8	Pass	2.19
			Inner_1RB_Left	19.26	19.3	34.8	Pass	2.19
			Inner_1RB_Right	19.42	19.46	34.8	Pass	2.19
	CP-OFDM QPSK		Edge_Full_Left	20.99	21.03	34.8	Pass	2.19
			Edge_Full_Right	21.01	21.05	34.8	Pass	2.19
			Edge_1RB_Left	21.13	21.17	34.8	Pass	2.19
			Edge_1RB_Right	21.07	21.11	34.8	Pass	2.19
			Outer_Full	21.12	21.16	34.8	Pass	2.19
			Inner_Full	22.69	22.73	34.8	Pass	2.19
			Inner_1RB_Left	22.38	22.42	34.8	Pass	2.19
			Inner_1RB Right	22.36	22.4	34.8	Pass	2.19

	CP-OFDM 16QAM		Edge_Full_Left	20.77	20.81	34.8	Pass	2.19
			Edge_Full_Right	20.58	20.62	34.8	Pass	2.19
			Edge_1RB_Left	21.53	21.57	34.8	Pass	2.19
			Edge_1RB_Right	21.35	21.39	34.8	Pass	2.19
			Outer_Full	20.91	20.95	34.8	Pass	2.19
			Inner_Full	22.08	22.12	34.8	Pass	2.19
			Inner_1RB_Left	22.58	22.62	34.8	Pass	2.19
			Inner_1RB_Right	22.65	22.69	34.8	Pass	2.19
	CP-OFDM 64QAM		Edge_Full_Left	20.1	20.14	34.8	Pass	2.19
			Edge_Full_Right	19.94	19.98	34.8	Pass	2.19
			Edge_1RB_Left	20.26	20.3	34.8	Pass	2.19
			Edge_1RB_Right	20.3	20.34	34.8	Pass	2.19
			Outer_Full	20.49	20.53	34.8	Pass	2.19
			Inner_Full	20.46	20.5	34.8	Pass	2.19
			Inner_1RB_Left	20.18	20.22	34.8	Pass	2.19
			Inner_1RB_Right	20.12	20.16	34.8	Pass	2.19
	CP-OFDM 256QAM		Edge_Full_Left	17.7	17.74	34.8	Pass	2.19
			Edge_Full_Right	17.78	17.82	34.8	Pass	2.19
			Edge_1RB_Left	17.91	17.95	34.8	Pass	2.19
			Edge_1RB_Right	17.96	18	34.8	Pass	2.19
			Outer_Full	17.53	17.57	34.8	Pass	2.19
			Inner_Full	17.14	17.18	34.8	Pass	2.19
			Inner_1RB_Left	18.09	18.13	34.8	Pass	2.19
			Inner_1RB_Right	17.96	18	34.8	Pass	2.19
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.37	23.41	34.8	Pass	2.19
			Edge_Full_Right	23.26	23.3	34.8	Pass	2.19
			Edge_1RB_Left	23.27	23.31	34.8	Pass	2.19
			Edge_1RB_Right	23.17	23.21	34.8	Pass	2.19
			Outer_Full	23.57	23.61	34.8	Pass	2.19
			Inner_Full	23.61	23.65	34.8	Pass	2.19
			Inner_1RB_Left	23.33	23.37	34.8	Pass	2.19
			Inner_1RB_Right	23.59	23.63	34.8	Pass	2.19
	DFT-s-OFDM QPSK		Edge_Full_Left	22.97	23.01	34.8	Pass	2.19
			Edge_Full_Right	22.95	22.99	34.8	Pass	2.19
			Edge_1RB_Left	23.08	23.12	34.8	Pass	2.19
			Edge_1RB_Right	22.81	22.85	34.8	Pass	2.19
			Outer_Full	22.97	23.01	34.8	Pass	2.19
			Inner_Full	23.49	23.53	34.8	Pass	2.19
			Inner_1RB_Left	23.5	23.54	34.8	Pass	2.19
			Inner_1RB_Right	23.57	23.61	34.8	Pass	2.19
DFT-s-OFDM 16QAM	Edge_Full_Left	21.78	21.82	34.8	Pass	2.19		
	Edge_Full_Right	21.87	21.91	34.8	Pass	2.19		
	Edge_1RB_Left	21.57	21.61	34.8	Pass	2.19		
	Edge_1RB_Right	21.98	22.02	34.8	Pass	2.19		
	Outer_Full	22.21	22.25	34.8	Pass	2.19		
	Inner_Full	22.91	22.95	34.8	Pass	2.19		
	Inner_1RB_Left	22.58	22.62	34.8	Pass	2.19		
	Inner_1RB_Right	22.61	22.65	34.8	Pass	2.19		
DFT-s-OFDM 64QAM	Edge_Full_Left	21.71	21.75	34.8	Pass	2.19		
	Edge_Full_Right	21.77	21.81	34.8	Pass	2.19		
	Edge_1RB_Left	21.64	21.68	34.8	Pass	2.19		
	Edge_1RB_Right	21.67	21.71	34.8	Pass	2.19		
	Outer_Full	21.59	21.63	34.8	Pass	2.19		

			Inner_Full	21.51	21.55	34.8	Pass	2.19
			Inner_1RB_Left	21.45	21.49	34.8	Pass	2.19
			Inner_1RB_Right	21.65	21.69	34.8	Pass	2.19
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.85	19.89	34.8	Pass	2.19
			Edge_Full_Right	19.84	19.88	34.8	Pass	2.19
			Edge_1RB_Left	19.29	19.33	34.8	Pass	2.19
			Edge_1RB_Right	19.58	19.62	34.8	Pass	2.19
			Outer_Full	19.6	19.64	34.8	Pass	2.19
			Inner_Full	19.28	19.32	34.8	Pass	2.19
			Inner_1RB_Left	19.58	19.62	34.8	Pass	2.19
			Inner_1RB_Right	19.53	19.57	34.8	Pass	2.19
			Edge_Full_Left	21.09	21.13	34.8	Pass	2.19
	CP-OFDM QPSK		Edge_Full_Right	21.14	21.18	34.8	Pass	2.19
			Edge_1RB_Left	20.61	20.65	34.8	Pass	2.19
			Edge_1RB_Right	20.6	20.64	34.8	Pass	2.19
			Outer_Full	21.11	21.15	34.8	Pass	2.19
			Inner_Full	22.44	22.48	34.8	Pass	2.19
			Inner_1RB_Left	22.17	22.21	34.8	Pass	2.19
			Inner_1RB_Right	22.43	22.47	34.8	Pass	2.19
			Edge_Full_Left	20.92	20.96	34.8	Pass	2.19
			Edge_Full_Right	20.68	20.72	34.8	Pass	2.19
	CP-OFDM 16QAM		Edge_1RB_Left	21.06	21.1	34.8	Pass	2.19
			Edge_1RB_Right	21.29	21.33	34.8	Pass	2.19
			Outer_Full	21.14	21.18	34.8	Pass	2.19
			Inner_Full	22.21	22.25	34.8	Pass	2.19
			Inner_1RB_Left	21.99	22.03	34.8	Pass	2.19
			Inner_1RB_Right	22.14	22.18	34.8	Pass	2.19
			Edge_Full_Left	20.07	20.11	34.8	Pass	2.19
			Edge_Full_Right	20.08	20.12	34.8	Pass	2.19
			Edge_1RB_Left	20.51	20.55	34.8	Pass	2.19
	CP-OFDM 64QAM		Edge_1RB_Right	20.45	20.49	34.8	Pass	2.19
			Outer_Full	20.81	20.85	34.8	Pass	2.19
			Inner_Full	20.33	20.37	34.8	Pass	2.19
			Inner_1RB_Left	20.2	20.24	34.8	Pass	2.19
			Inner_1RB_Right	20.39	20.43	34.8	Pass	2.19
			Edge_Full_Left	17.6	17.64	34.8	Pass	2.19
			Edge_Full_Right	17.72	17.76	34.8	Pass	2.19
			Edge_1RB_Left	17.87	17.91	34.8	Pass	2.19
			Edge_1RB_Right	17.98	18.02	34.8	Pass	2.19
	CP-OFDM 256QAM		Outer_Full	17.54	17.58	34.8	Pass	2.19
			Inner_Full	17.19	17.23	34.8	Pass	2.19
			Inner_1RB_Left	17.85	17.89	34.8	Pass	2.19
			Inner_1RB_Right	18.22	18.26	34.8	Pass	2.19
	DFT-s-OFDM PI/2 BPSK	795.5MHz	Edge_Full_Left	23.34	23.38	34.8	Pass	2.19
			Edge_Full_Right	23.53	23.57	34.8	Pass	2.19
			Edge_1RB_Left	23.2	23.24	34.8	Pass	2.19
			Edge_1RB_Right	23.55	23.59	34.8	Pass	2.19
			Outer_Full	23.59	23.63	34.8	Pass	2.19
			Inner_Full	23.78	23.82	34.8	Pass	2.19
			Inner_1RB_Left	23.54	23.58	34.8	Pass	2.19
			Inner_1RB_Right	23.58	23.62	34.8	Pass	2.19
			Edge_Full_Left	23.02	23.06	34.8	Pass	2.19
	DFT-s-OFDM QPSK		Edge_Full_Right	22.25	22.29	34.8	Pass	2.19

			Edge_1RB_Left	22.67	22.71	34.8	Pass	2.19
			Edge_1RB_Right	22.27	22.31	34.8	Pass	2.19
			Outer_Full	22.84	22.88	34.8	Pass	2.19
			Inner_Full	23.84	23.88	34.8	Pass	2.19
			Inner_1RB_Left	23.51	23.55	34.8	Pass	2.19
			Inner_1RB_Right	23.04	23.08	34.8	Pass	2.19
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.69	21.73	34.8	Pass	2.19
			Edge_Full_Right	20.97	21.01	34.8	Pass	2.19
			Edge_1RB_Left	21.84	21.88	34.8	Pass	2.19
			Edge_1RB_Right	21.11	21.15	34.8	Pass	2.19
			Outer_Full	21.75	21.79	34.8	Pass	2.19
			Inner_Full	22.82	22.86	34.8	Pass	2.19
	DFT-s-OFDM 64QAM		Inner_1RB_Left	22.75	22.79	34.8	Pass	2.19
			Inner_1RB_Right	21.95	21.99	34.8	Pass	2.19
			Edge_Full_Left	21.54	21.58	34.8	Pass	2.19
			Edge_Full_Right	20.92	20.96	34.8	Pass	2.19
			Edge_1RB_Left	21.2	21.24	34.8	Pass	2.19
			Edge_1RB_Right	20.68	20.72	34.8	Pass	2.19
	DFT-s-OFDM 256QAM		Outer_Full	21.44	21.48	34.8	Pass	2.19
			Inner_Full	21.28	21.32	34.8	Pass	2.19
			Inner_1RB_Left	21.24	21.28	34.8	Pass	2.19
			Inner_1RB_Right	20.65	20.69	34.8	Pass	2.19
			Edge_Full_Left	19.74	19.78	34.8	Pass	2.19
			Edge_Full_Right	19.12	19.16	34.8	Pass	2.19
	CP-OFDM QPSK		Edge_1RB_Left	19.69	19.73	34.8	Pass	2.19
			Edge_1RB_Right	19.15	19.19	34.8	Pass	2.19
			Outer_Full	19.6	19.64	34.8	Pass	2.19
			Inner_Full	19.69	19.73	34.8	Pass	2.19
			Inner_1RB_Left	19.62	19.66	34.8	Pass	2.19
			Inner_1RB_Right	19.22	19.26	34.8	Pass	2.19
	CP-OFDM 16QAM		Edge_Full_Left	21.26	21.3	34.8	Pass	2.19
			Edge_Full_Right	21.02	21.06	34.8	Pass	2.19
			Edge_1RB_Left	21.02	21.06	34.8	Pass	2.19
			Edge_1RB_Right	20.83	20.87	34.8	Pass	2.19
			Outer_Full	21.18	21.22	34.8	Pass	2.19
			Inner_Full	22.15	22.19	34.8	Pass	2.19
	CP-OFDM 64QAM		Inner_1RB_Left	22.51	22.55	34.8	Pass	2.19
			Inner_1RB_Right	21.69	21.73	34.8	Pass	2.19
			Edge_Full_Left	21.05	21.09	34.8	Pass	2.19
			Edge_Full_Right	20.74	20.78	34.8	Pass	2.19
			Edge_1RB_Left	21.17	21.21	34.8	Pass	2.19
			Edge_1RB_Right	20.99	21.03	34.8	Pass	2.19
			Outer_Full	21.12	21.16	34.8	Pass	2.19
			Inner_Full	21.89	21.93	34.8	Pass	2.19
			Inner_1RB_Left	22.13	22.17	34.8	Pass	2.19
			Inner_1RB_Right	21.51	21.55	34.8	Pass	2.19
			Edge_Full_Left	20.27	20.31	34.8	Pass	2.19
			Edge_Full_Right	20.58	20.62	34.8	Pass	2.19
			Edge_1RB_Left	20.75	20.79	34.8	Pass	2.19
			Edge_1RB_Right	20.78	20.82	34.8	Pass	2.19
			Outer_Full	21	21.04	34.8	Pass	2.19
			Inner_Full	20.46	20.5	34.8	Pass	2.19
			Inner_1RB_Left	20.42	20.46	34.8	Pass	2.19
Outer_Full		20.42	20.46	34.8	Pass	2.19		
Inner_Full		20.42	20.46	34.8	Pass	2.19		
Inner_1RB_Left		20.42	20.46	34.8	Pass	2.19		

	CP-OFDM 256QAM		Inner_1RB_Right	20.54	20.58	34.8	Pass	2.19
			Edge_Full_Left	18.09	18.13	34.8	Pass	2.19
			Edge_Full_Right	18.12	18.16	34.8	Pass	2.19
			Edge_1RB_Left	18.28	18.32	34.8	Pass	2.19
			Edge_1RB_Right	18.32	18.36	34.8	Pass	2.19
			Outer_Full	17.81	17.85	34.8	Pass	2.19
			Inner_Full	17.35	17.39	34.8	Pass	2.19
			Inner_1RB_Left	18.21	18.25	34.8	Pass	2.19
			Inner_1RB_Right	18.24	18.28	34.8	Pass	2.19
				DFT-s-OFDM PI/2 BPSK	793MHz	Edge_Full_Left	23.13	23.17
Edge_Full_Right	23.43	23.47				34.8	Pass	2.19
Edge_1RB_Left	23.23	23.27				34.8	Pass	2.19
Edge_1RB_Right	22.94	22.98				34.8	Pass	2.19
Outer_Full	23.35	23.39				34.8	Pass	2.19
Inner_Full	23.4	23.44				34.8	Pass	2.19
Inner_1RB_Left	23.17	23.21				34.8	Pass	2.19
Inner_1RB_Right	23.36	23.4				34.8	Pass	2.19
DFT-s-OFDM QPSK	Edge_Full_Left	22.83		22.87		34.8	Pass	2.19
	Edge_Full_Right	22.74		22.78		34.8	Pass	2.19
	Edge_1RB_Left	22.76		22.8		34.8	Pass	2.19
	Edge_1RB_Right	22.65		22.69		34.8	Pass	2.19
	Outer_Full	22.82		22.86		34.8	Pass	2.19
	Inner_Full	23.31		23.35		34.8	Pass	2.19
	Inner_1RB_Left	23.37		23.41		34.8	Pass	2.19
	Inner_1RB_Right	23.21		23.25		34.8	Pass	2.19
DFT-s-OFDM 16QAM	Edge_Full_Left	21.71		21.75		34.8	Pass	2.19
	Edge_Full_Right	21.58		21.62		34.8	Pass	2.19
	Edge_1RB_Left	21.63		21.67		34.8	Pass	2.19
	Edge_1RB_Right	21.63		21.67		34.8	Pass	2.19
	Outer_Full	22.11		22.15		34.8	Pass	2.19
	Inner_Full	22.91		22.95		34.8	Pass	2.19
	Inner_1RB_Left	22.38		22.42		34.8	Pass	2.19
	Inner_1RB_Right	22.44		22.48		34.8	Pass	2.19
DFT-s-OFDM 64QAM	Edge_Full_Left	21.42		21.46		34.8	Pass	2.19
	Edge_Full_Right	21.6		21.64		34.8	Pass	2.19
	Edge_1RB_Left	21.27		21.31		34.8	Pass	2.19
	Edge_1RB_Right	21.31		21.35		34.8	Pass	2.19
	Outer_Full	21.42		21.46		34.8	Pass	2.19
	Inner_Full	21.31		21.35		34.8	Pass	2.19
	Inner_1RB_Left	21.4		21.44		34.8	Pass	2.19
	Inner_1RB_Right	21.51		21.55		34.8	Pass	2.19
DFT-s-OFDM 256QAM	Edge_Full_Left	19.58		19.62		34.8	Pass	2.19
	Edge_Full_Right	19.59		19.63		34.8	Pass	2.19
	Edge_1RB_Left	19.23		19.27		34.8	Pass	2.19
	Edge_1RB_Right	19.38		19.42		34.8	Pass	2.19
	Outer_Full	19.23		19.27		34.8	Pass	2.19
	Inner_Full	19.21		19.25		34.8	Pass	2.19
	Inner_1RB_Left	19.42		19.46		34.8	Pass	2.19
	Inner_1RB_Right	19.31		19.35		34.8	Pass	2.19
CP-OFDM QPSK	Edge_Full_Left	20.81		20.85		34.8	Pass	2.19
	Edge_Full_Right	20.93		20.97		34.8	Pass	2.19
	Edge_1RB_Left	20.52		20.56		34.8	Pass	2.19
	Edge_1RB_Right	20.35		20.39		34.8	Pass	2.19

			Outer_Full	20.97	21.01	34.8	Pass	2.19
			Inner_Full	22.23	22.27	34.8	Pass	2.19
			Inner_1RB_Left	22.11	22.15	34.8	Pass	2.19
			Inner_1RB_Right	22.19	22.23	34.8	Pass	2.19
	CP-OFDM 16QAM		Edge_Full_Left	20.58	20.62	34.8	Pass	2.19
			Edge_Full_Right	20.43	20.47	34.8	Pass	2.19
			Edge_1RB_Left	21	21.04	34.8	Pass	2.19
			Edge_1RB_Right	20.86	20.9	34.8	Pass	2.19
			Outer_Full	20.88	20.92	34.8	Pass	2.19
			Inner_Full	21.73	21.77	34.8	Pass	2.19
			Inner_1RB_Left	21.92	21.96	34.8	Pass	2.19
			Inner_1RB_Right	21.99	22.03	34.8	Pass	2.19
	CP-OFDM 64QAM		Edge_Full_Left	20.04	20.08	34.8	Pass	2.19
			Edge_Full_Right	19.94	19.98	34.8	Pass	2.19
			Edge_1RB_Left	20.48	20.52	34.8	Pass	2.19
			Edge_1RB_Right	20.41	20.45	34.8	Pass	2.19
			Outer_Full	20.44	20.48	34.8	Pass	2.19
			Inner_Full	20.36	20.4	34.8	Pass	2.19
			Inner_1RB_Left	20.34	20.38	34.8	Pass	2.19
			Inner_1RB_Right	20.26	20.3	34.8	Pass	2.19
	CP-OFDM 256QAM		Edge_Full_Left	17.57	17.61	34.8	Pass	2.19
			Edge_Full_Right	17.46	17.5	34.8	Pass	2.19
			Edge_1RB_Left	17.61	17.65	34.8	Pass	2.19
			Edge_1RB_Right	18.03	18.07	34.8	Pass	2.19
			Outer_Full	17.4	17.44	34.8	Pass	2.19
			Inner_Full	17.19	17.23	34.8	Pass	2.19
			Inner_1RB_Left	17.84	17.88	34.8	Pass	2.19
			Inner_1RB_Right	18.19	18.23	34.8	Pass	2.19

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	793	Outer_Full	20	LV	-9.77	-0.0052	2.5	Pass
					HV	2.1	0.0011	2.5	Pass
				-30	NV	3.62	0.0019	2.5	Pass
				-20	NV	2.62	0.0014	2.5	Pass
				-10	NV	6.97	0.0037	2.5	Pass
				0	NV	8.08	0.0043	2.5	Pass
				10	NV	-8.05	-0.0043	2.5	Pass
				20	NV	9.73	0.0052	2.5	Pass
				30	NV	2.27	0.0012	2.5	Pass
				40	NV	3.76	0.0020	2.5	Pass
	50			NV	-8.09	-0.0043	2.5	Pass	
	CP-OFDM QPSK			20	LV	10.07	0.0054	2.5	Pass
					HV	2.49	0.0013	2.5	Pass
				-30	NV	8.8	0.0047	2.5	Pass
				-20	NV	6.13	0.0033	2.5	Pass
				-10	NV	9.42	0.0050	2.5	Pass
				0	NV	-5.04	-0.0027	2.5	Pass
				10	NV	-3.08	-0.0016	2.5	Pass
				20	NV	-6.27	-0.0033	2.5	Pass
				30	NV	2.4	0.0013	2.5	Pass
40		NV	-4.48	-0.0024	2.5	Pass			
50	NV	-3.07	-0.0016	2.5	Pass				
10MHz	DFT-s-OFDM PI/2 BPSK	793	Outer_Full	20	LV	-6.31	-0.0034	2.5	Pass
					HV	8.17	0.0043	2.5	Pass
				-30	NV	3.43	0.0018	2.5	Pass
				-20	NV	-3.65	-0.0019	2.5	Pass
				-10	NV	-4.45	-0.0024	2.5	Pass
				0	NV	-3.57	-0.0019	2.5	Pass
				10	NV	2.7	0.0014	2.5	Pass
				20	NV	7.5	0.0040	2.5	Pass
				30	NV	3.37	0.0018	2.5	Pass
				40	NV	5.03	0.0027	2.5	Pass
	50			NV	9.83	0.0052	2.5	Pass	
	CP-OFDM QPSK			20	LV	3	0.0016	2.5	Pass
					HV	9.21	0.0049	2.5	Pass
				-30	NV	4.84	0.0026	2.5	Pass
				-20	NV	-9.84	-0.0052	2.5	Pass
				-10	NV	-4.44	-0.0024	2.5	Pass

				0	NV	5.51	0.0029	2.5	Pass
				10	NV	-3.23	-0.0017	2.5	Pass
				20	NV	-2.61	-0.0014	2.5	Pass
				30	NV	-3.83	-0.0020	2.5	Pass
				40	NV	3.27	0.0017	2.5	Pass
				50	NV	-8.38	-0.0045	2.5	Pass

Field Strength of Spurious Radiation

NR Band n14-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
1576.5	-69.8	-40	-29.8	-73.44	2.05	5.69	Horizontal	Pass
2364.75	-66.77	-13	-53.77	-69.69	2.58	5.5	Horizontal	Pass
3153.0	-65.22	-13	-52.22	-69.46	3.06	7.3	Horizontal	Pass
1576.5	-70.41	-40	-30.41	-74.05	2.05	5.69	Vertical	Pass
2364.75	-68.26	-13	-55.26	-71.18	2.58	5.5	Vertical	Pass
3153.0	-65.95	-13	-52.95	-70.19	3.06	7.3	Vertical	Pass

NR Band n14-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
1581.5	-70.04	-40	-30.04	-73.65	2.06	5.67	Horizontal	Pass
2372.25	-66.88	-13	-53.88	-69.81	2.58	5.51	Horizontal	Pass
3163.0	-65.12	-13	-52.12	-69.38	3.07	7.33	Horizontal	Pass
1581.5	-70.42	-40	-30.42	-74.03	2.06	5.67	Vertical	Pass
2372.25	-68.26	-13	-55.26	-71.19	2.58	5.51	Vertical	Pass
3163.0	-65.75	-13	-52.75	-70.01	3.07	7.33	Vertical	Pass

NR Band n14-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
1586.5	-69.86	-40	-29.86	-73.46	2.06	5.66	Horizontal	Pass
2379.75	-66.93	-13	-53.93	-69.87	2.59	5.53	Horizontal	Pass
3173.0	-64.97	-13	-51.97	-69.25	3.07	7.35	Horizontal	Pass
1586.5	-70.62	-40	-30.62	-74.22	2.06	5.66	Vertical	Pass
2379.75	-68.12	-13	-55.12	-71.06	2.59	5.53	Vertical	Pass
3173.0	-66.12	-13	-53.12	-70.4	3.07	7.35	Vertical	Pass

---End of Attachment---