

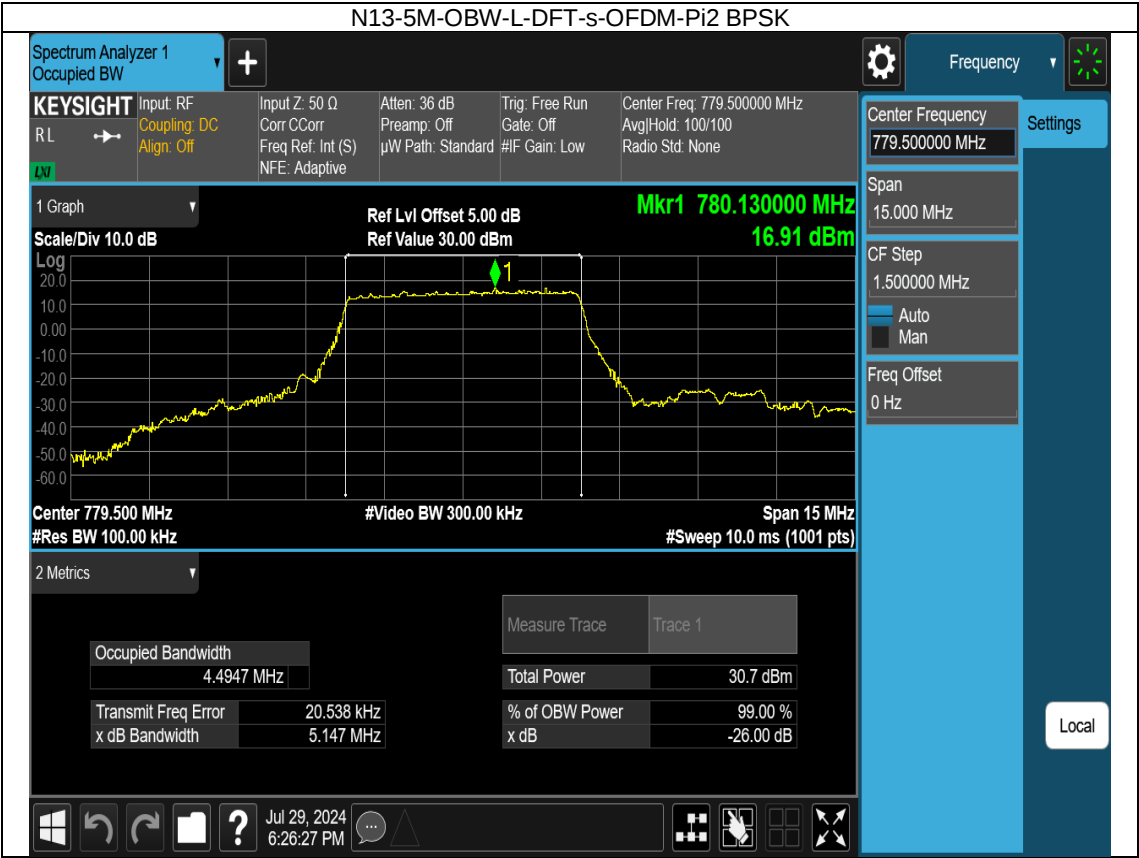
99% & 26dB Bandwidth

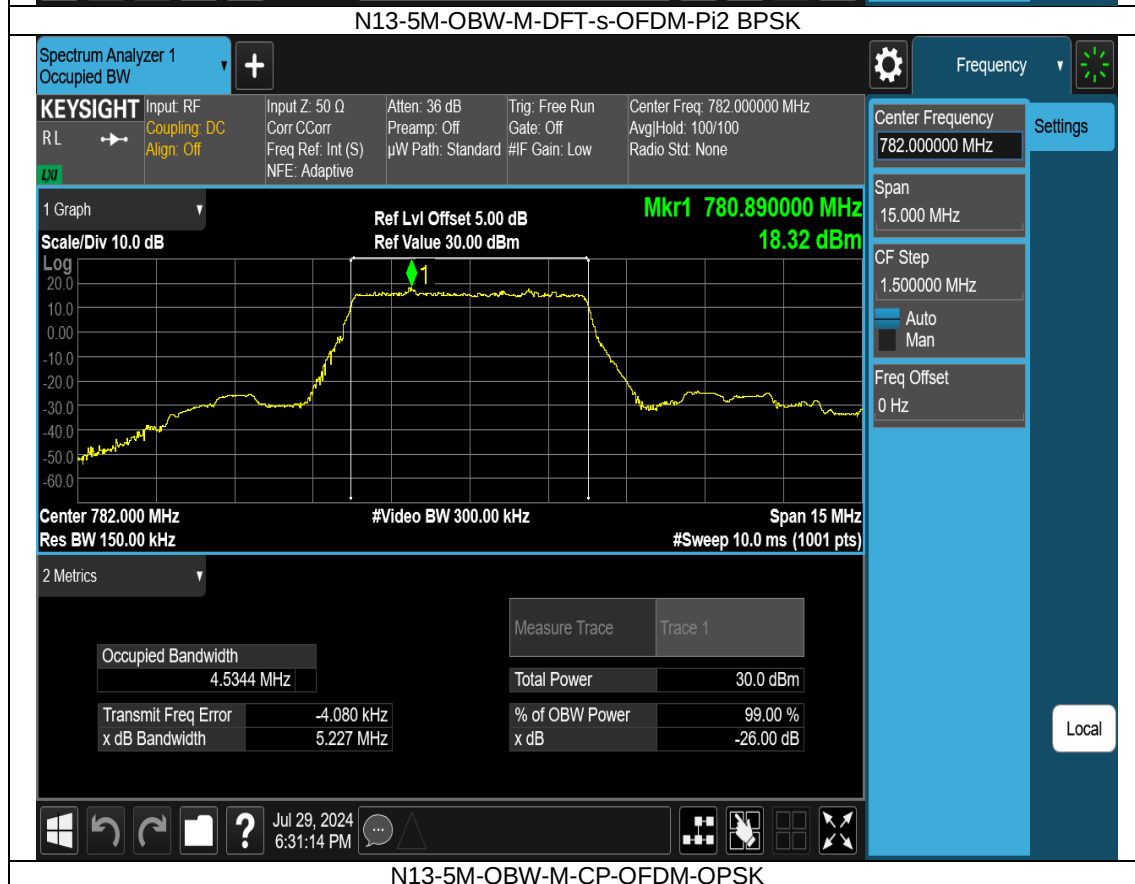
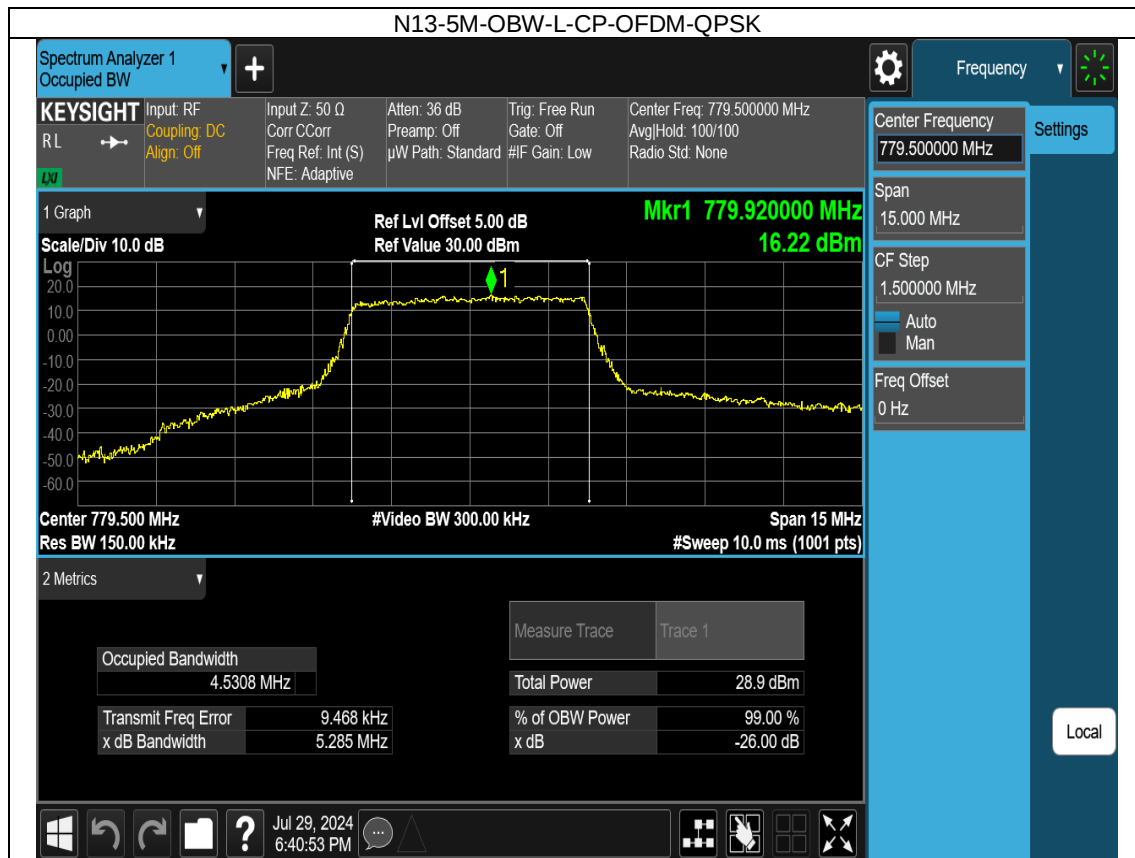
Test Result

5G NR N13 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	4.49	5.15	/	Pass
CP-OFDM QPSK		Outer Full	4.53	5.29	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer Full	4.53	5.23	/	Pass
CP-OFDM QPSK		Outer Full	4.54	5.3	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer Full	4.58	5.32	/	Pass
CP-OFDM QPSK		Outer Full	4.59	5.41	/	Pass

5G NR N13 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	8.92	9.69	/	Pass
CP-OFDM QPSK		Outer Full	9.28	10.05	/	Pass

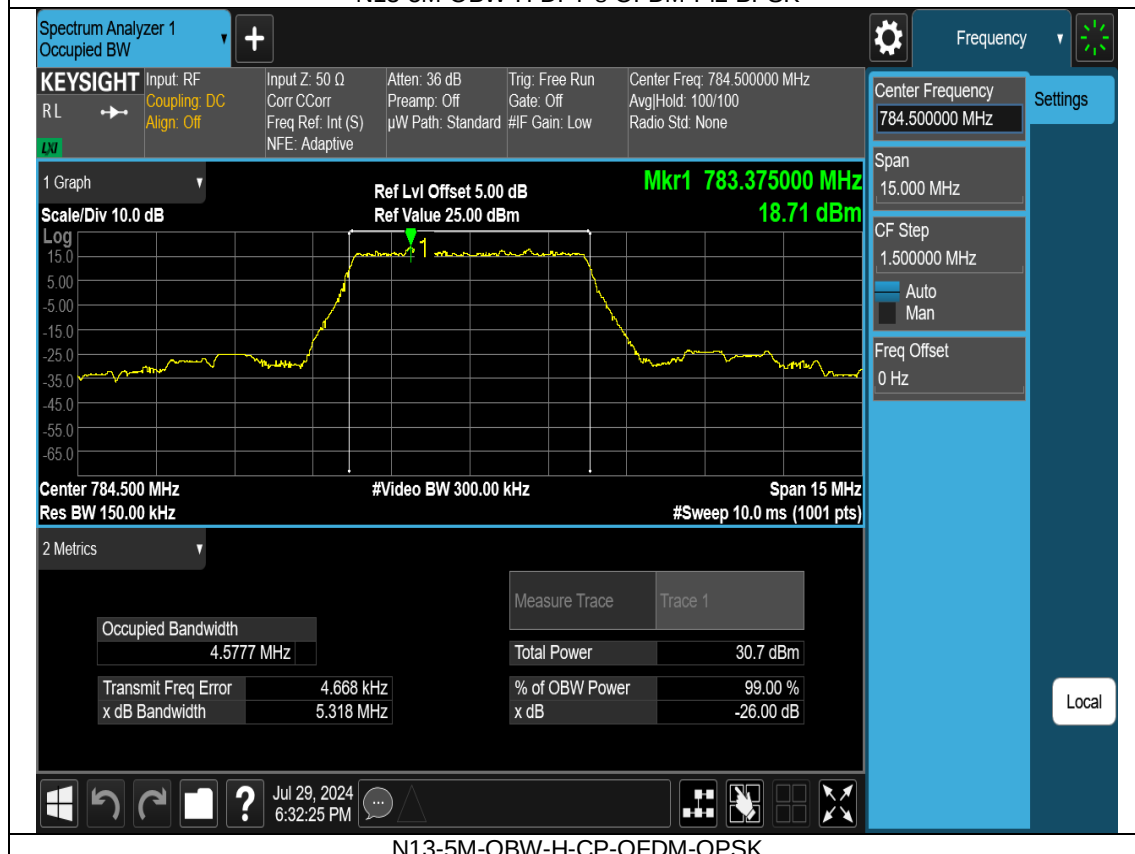
Test Graph



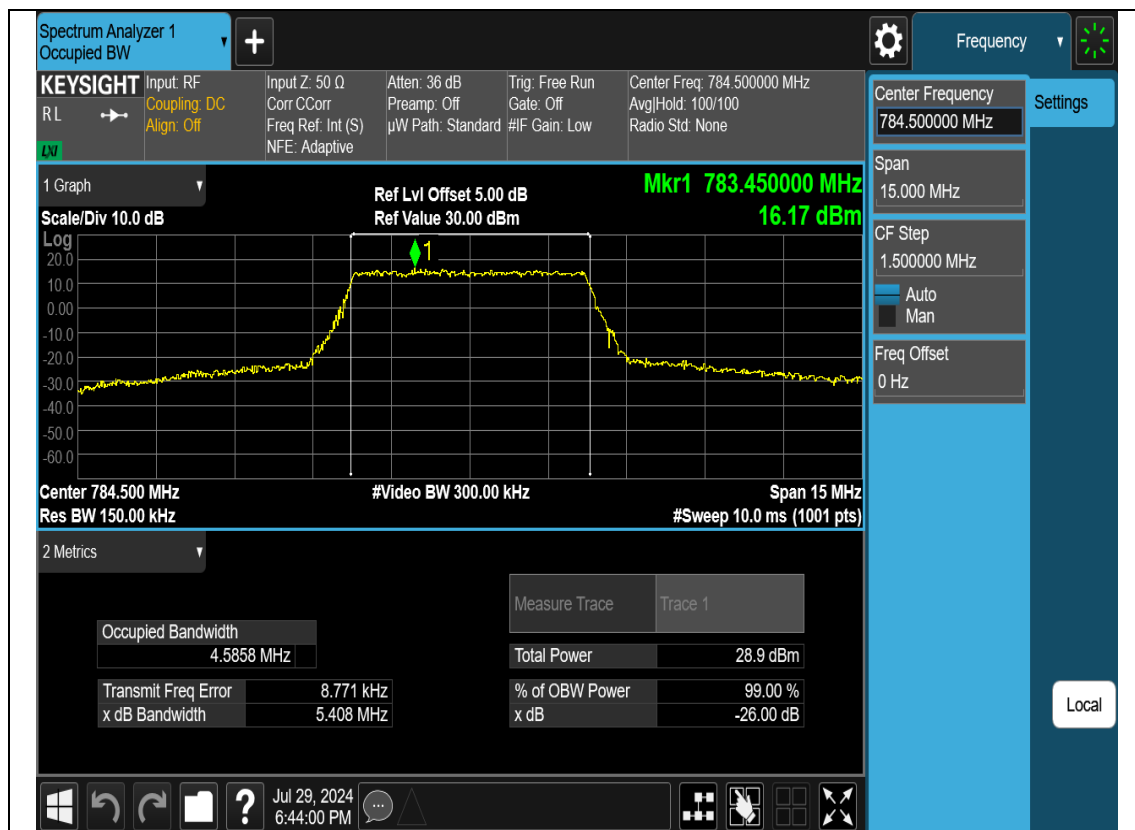




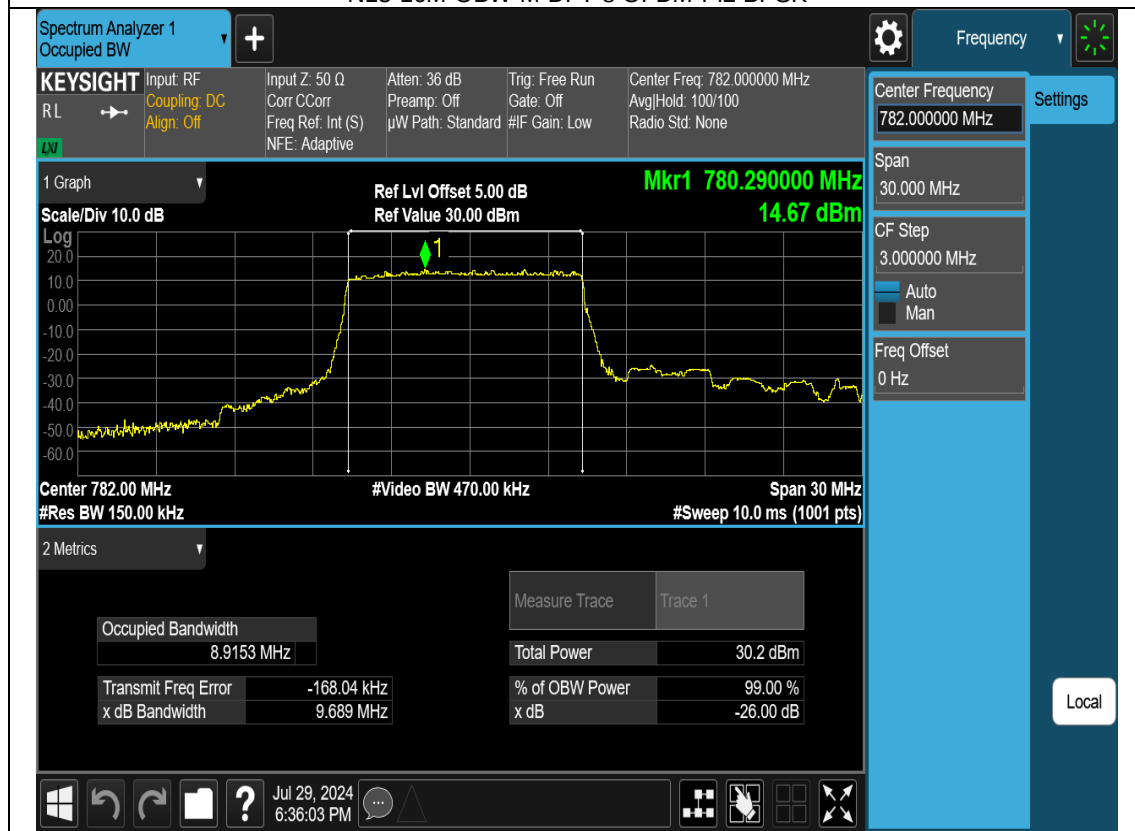
N13-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



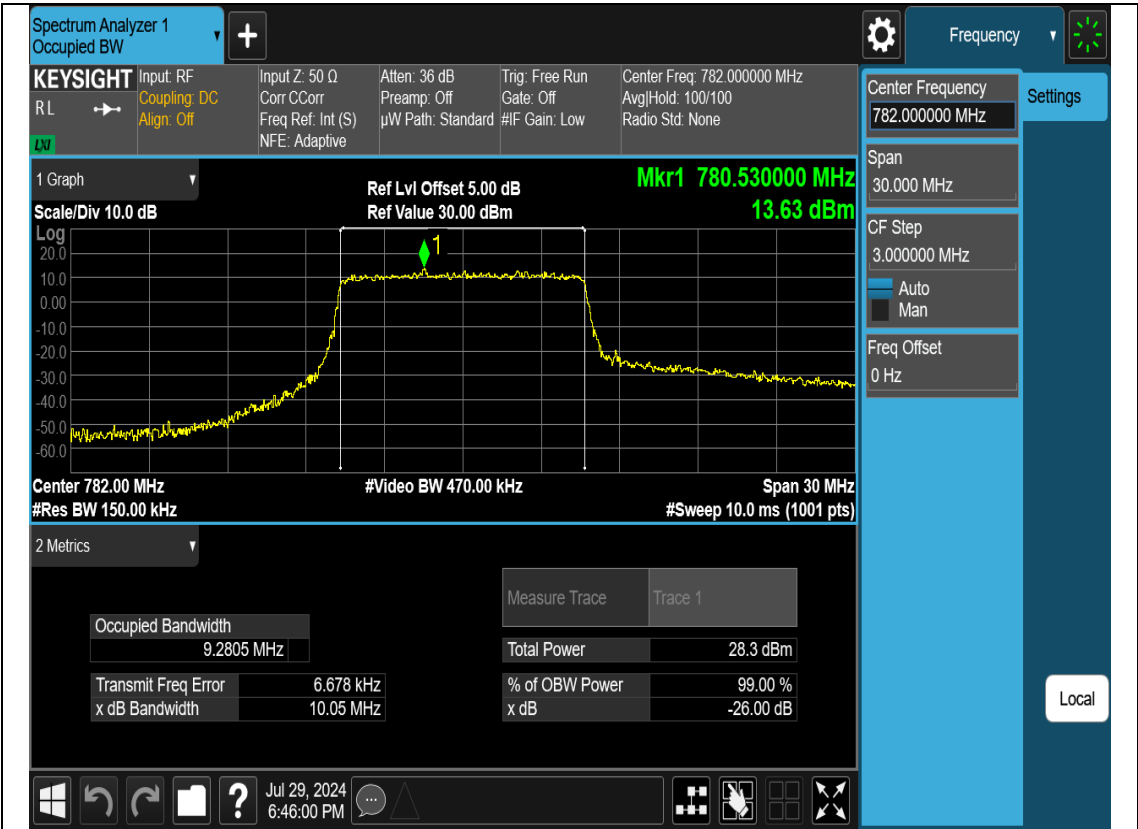
N13-5M-OBW-H-CP-OFDM-QPSK



N13-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N13-10M-OBW-M-CP-OFDM-QPSK



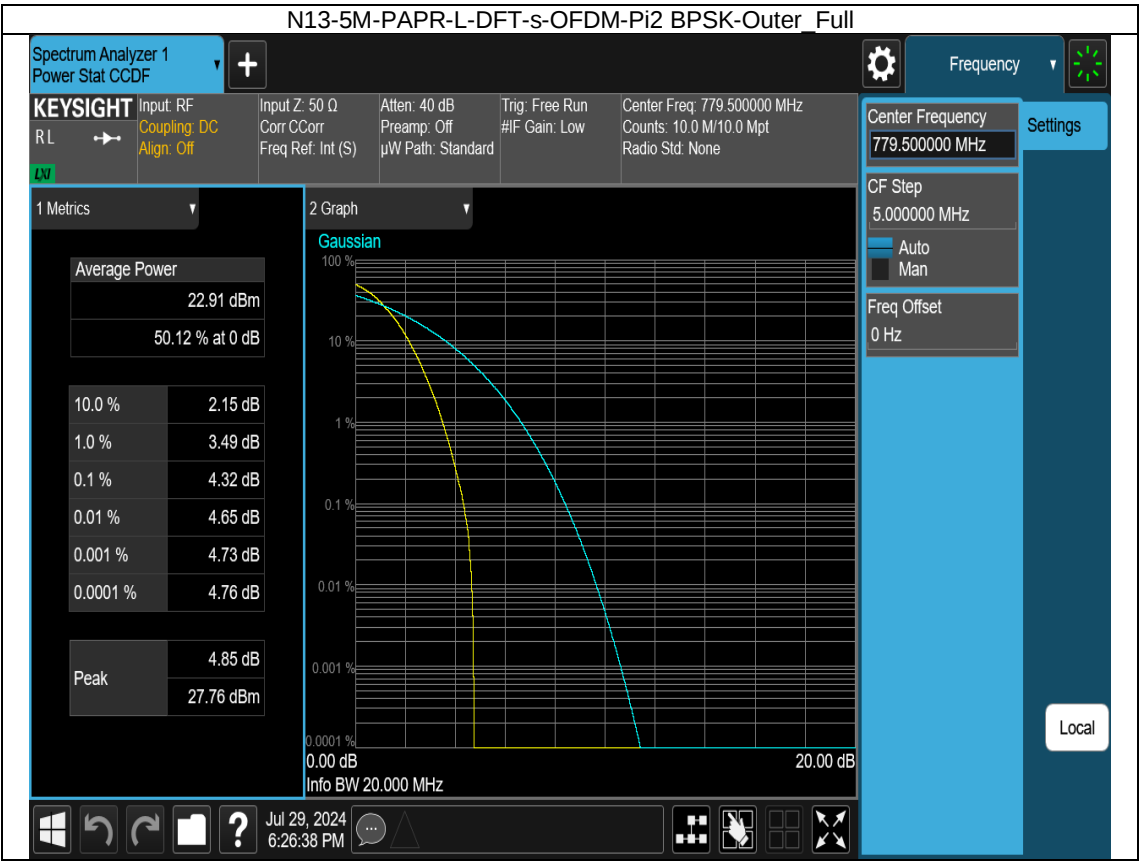
Peak-Average Ratio

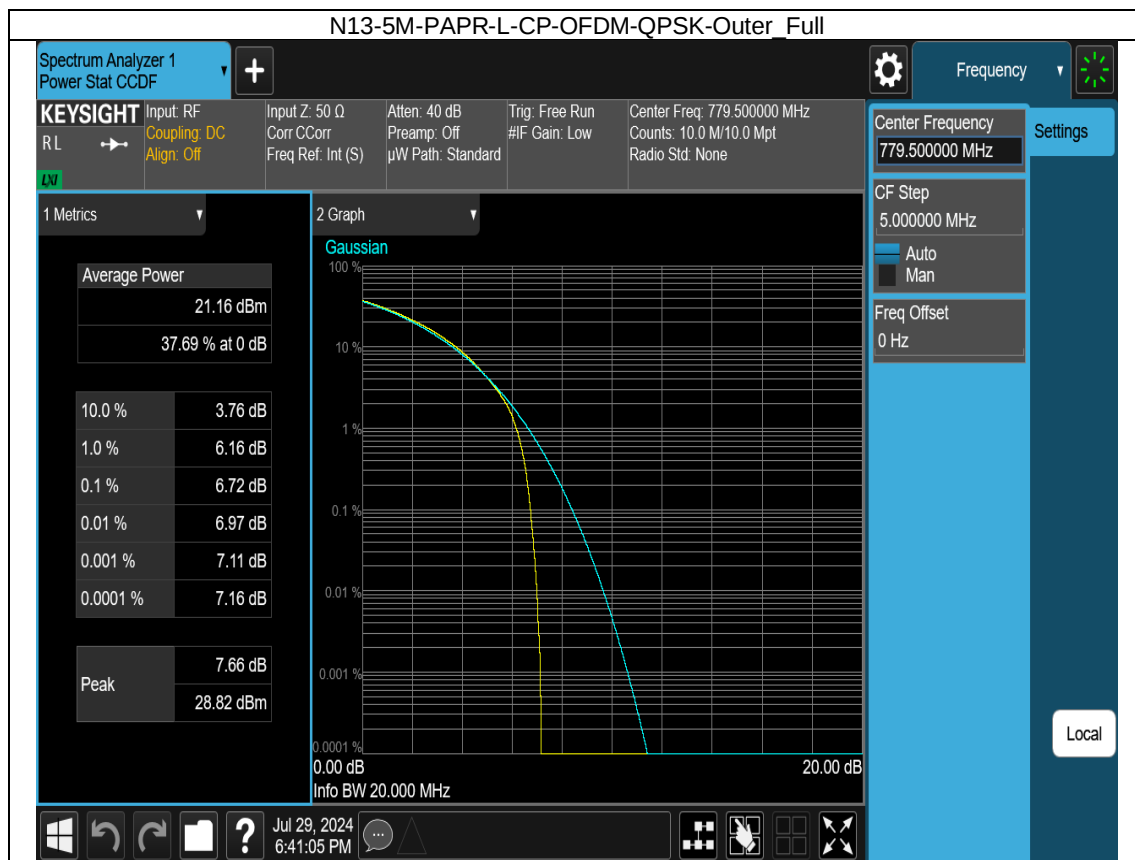
Test Result

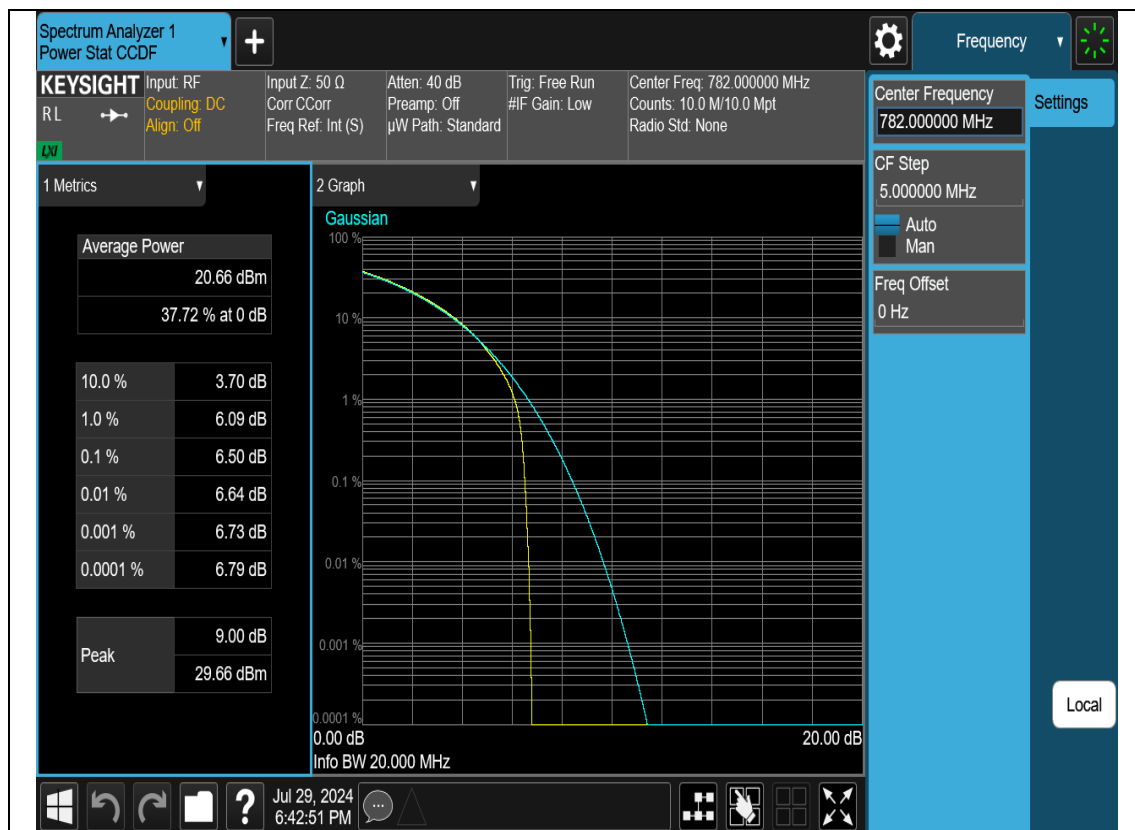
5G NR N13 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.32	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.72	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.5	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.45	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.97	<=13	Pass

5G NR N13 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.12	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.76	<=13	Pass

Test Graph







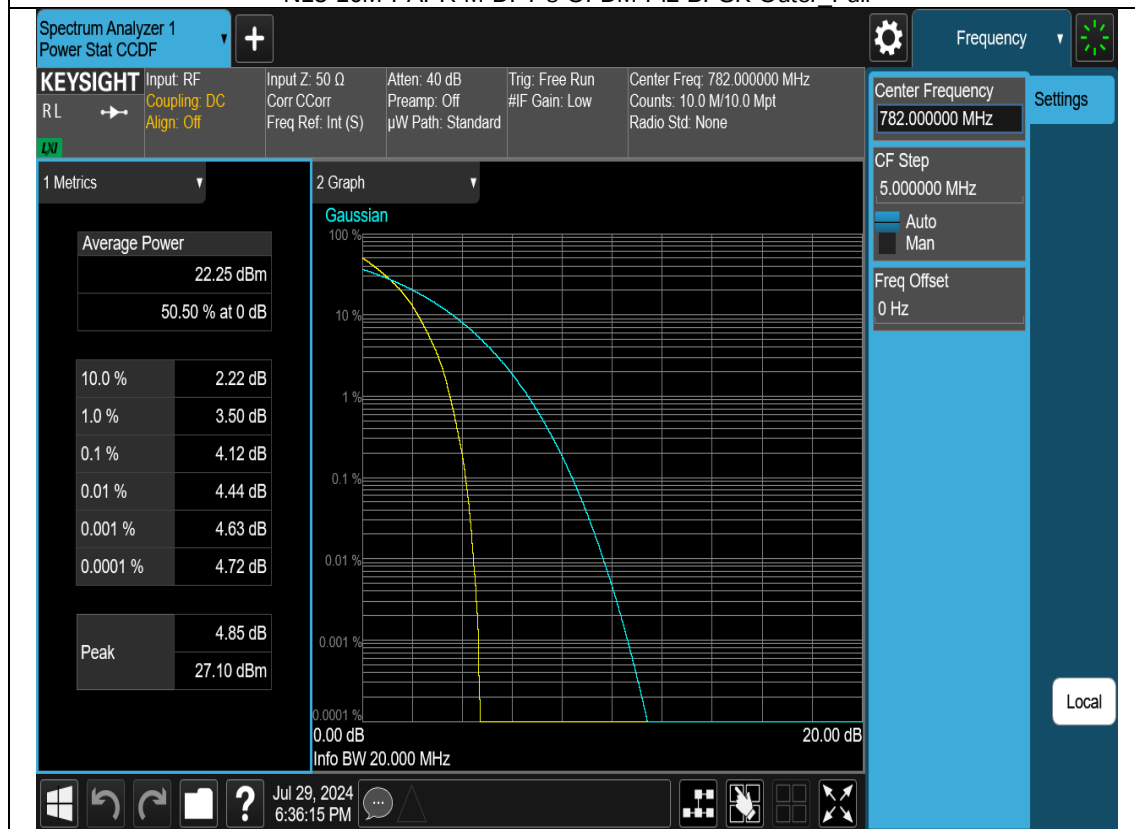
N13-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



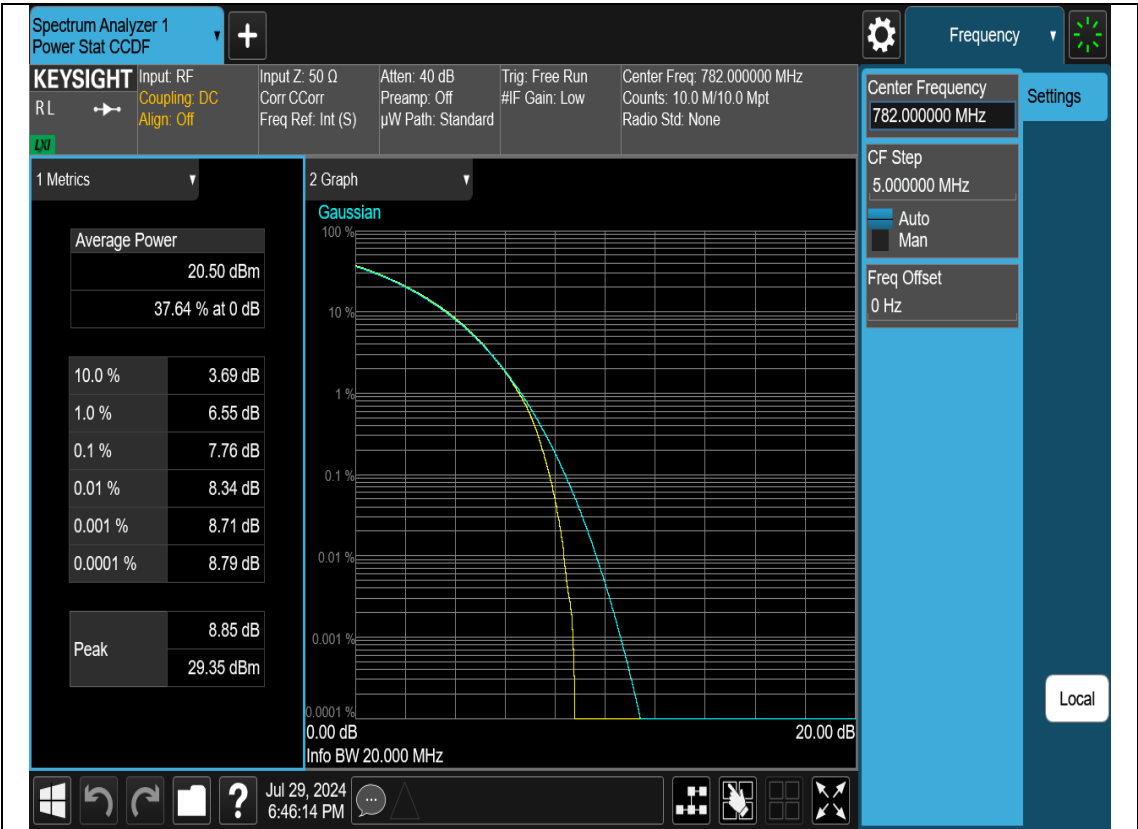
N13-5M-PAPR-H-CP-OFDM-QPSK-Outer_Full



N13-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N13-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full



Windows Taskbar

Jul 29, 2024
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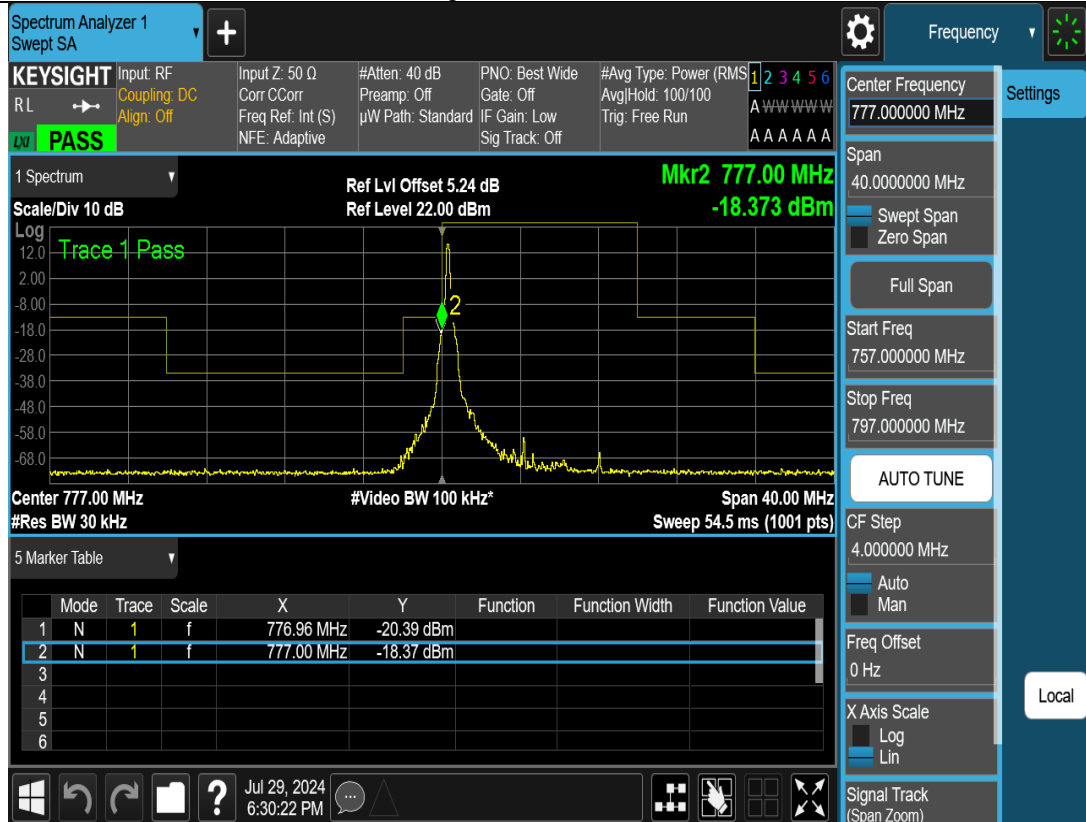
Local

Bandedge

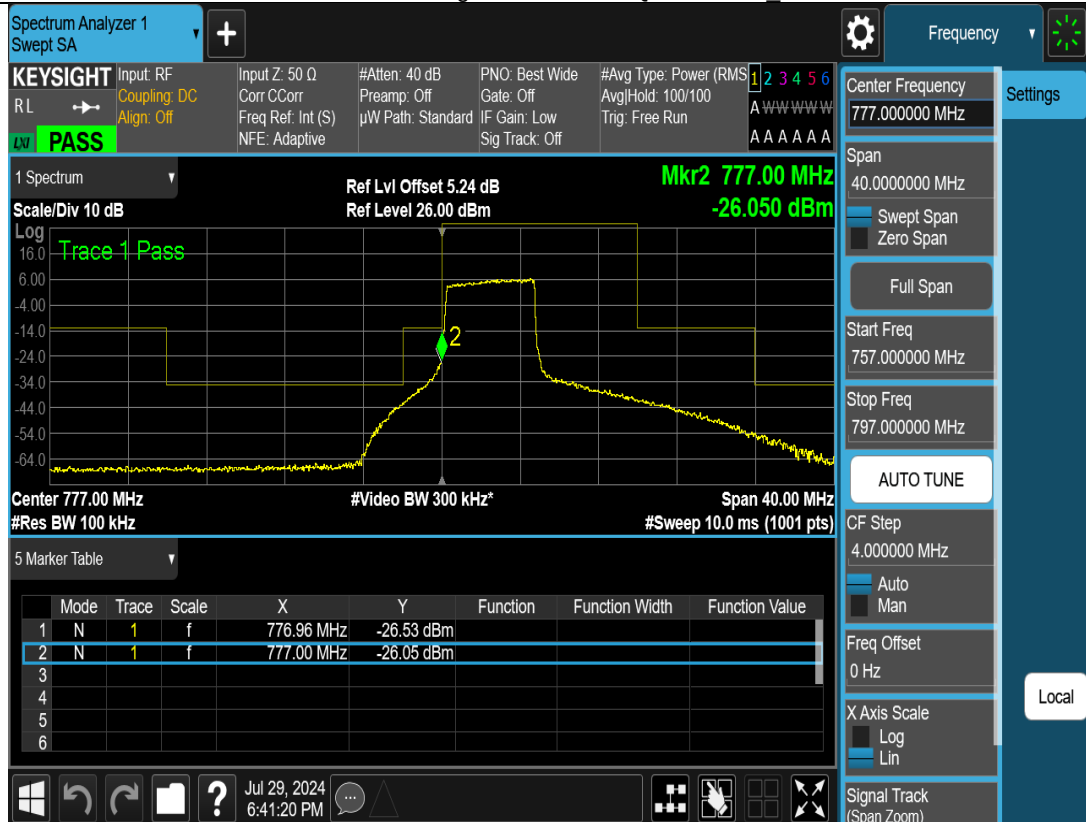
test graph



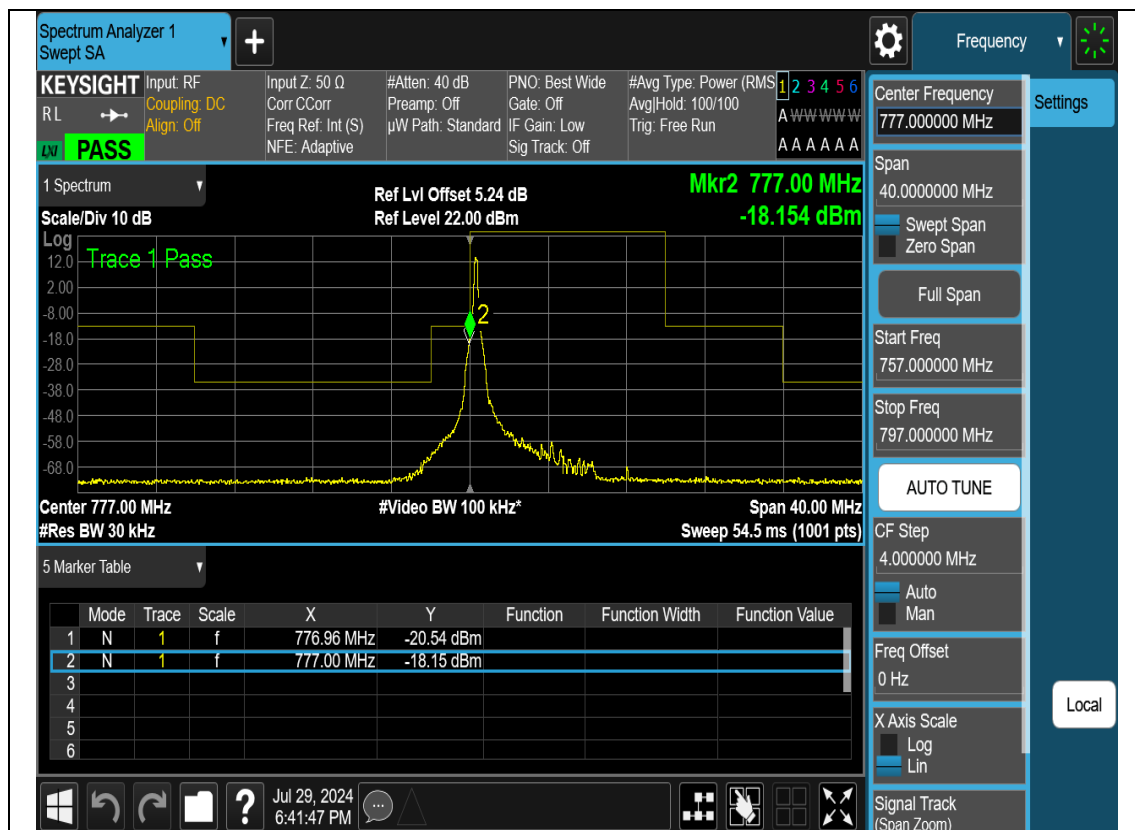
N13-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N13-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



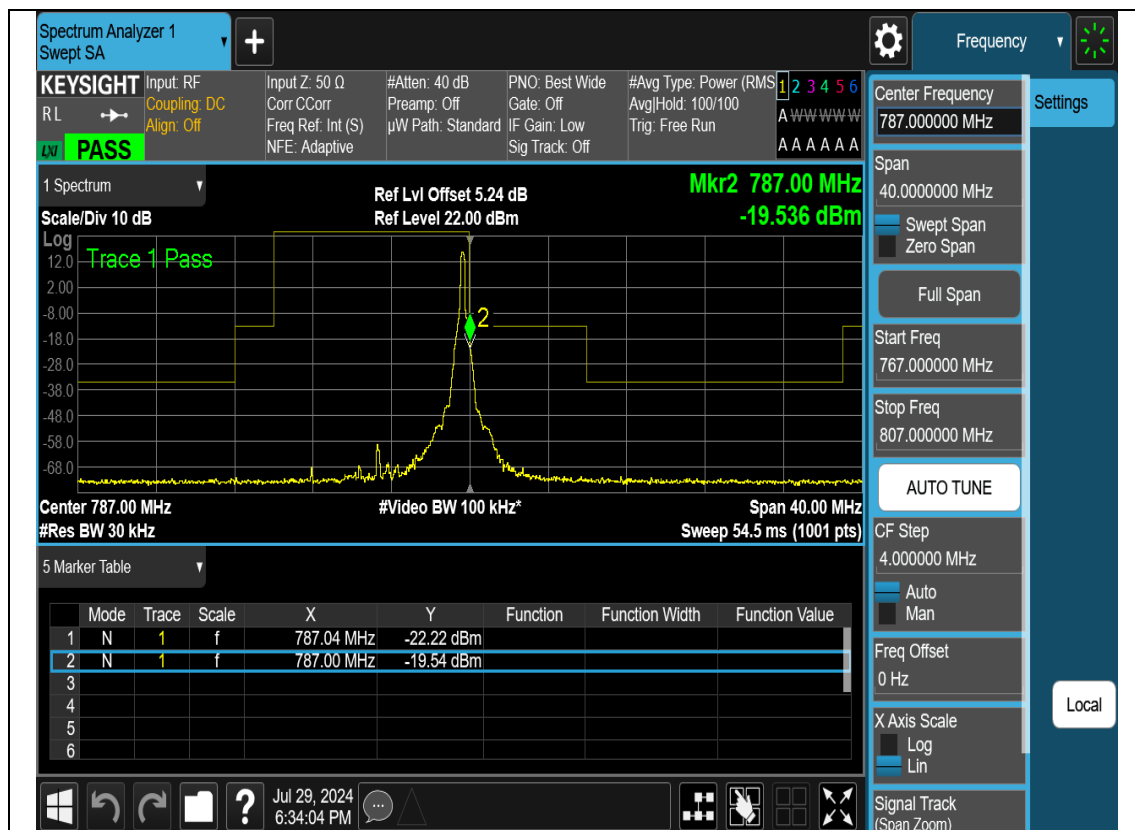
N13-5M-Bandedge-L-CP-OFDM-QPSK-1RB0



N13-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



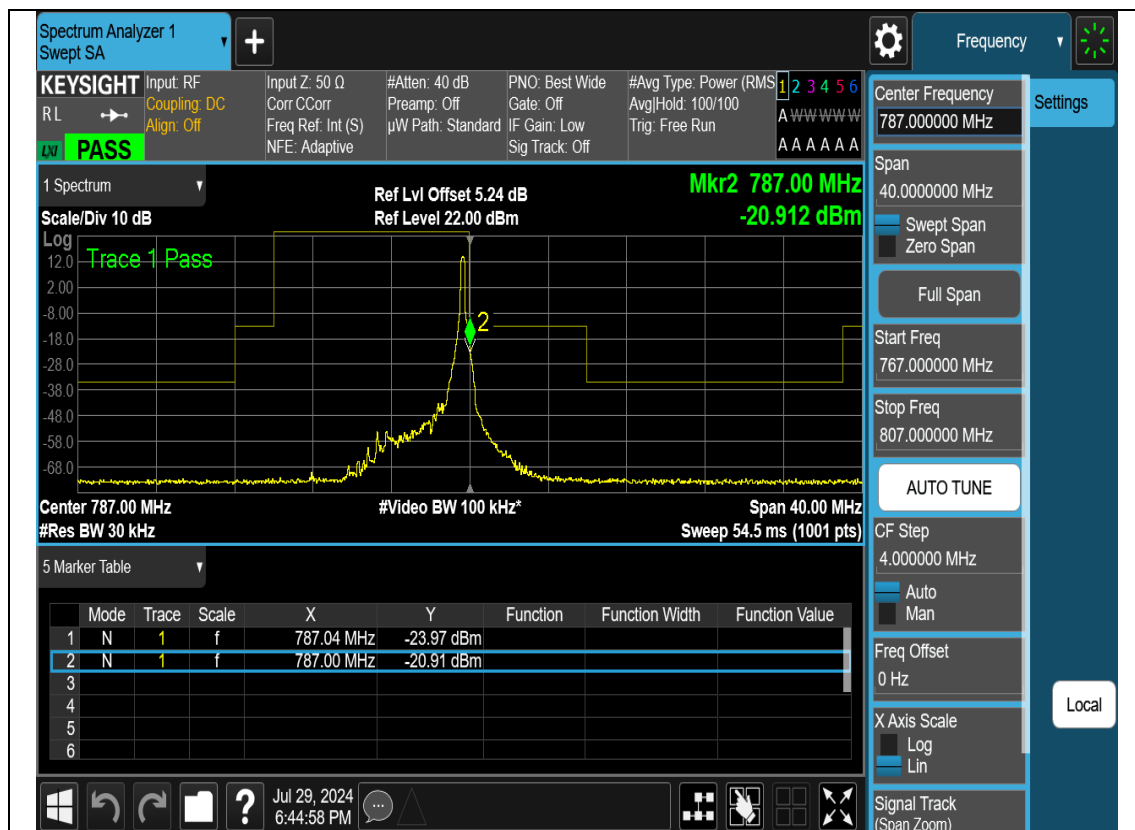
N13-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



N13-5M-Bandedge-H-CP-OFDM-QPSK-Outer_Full



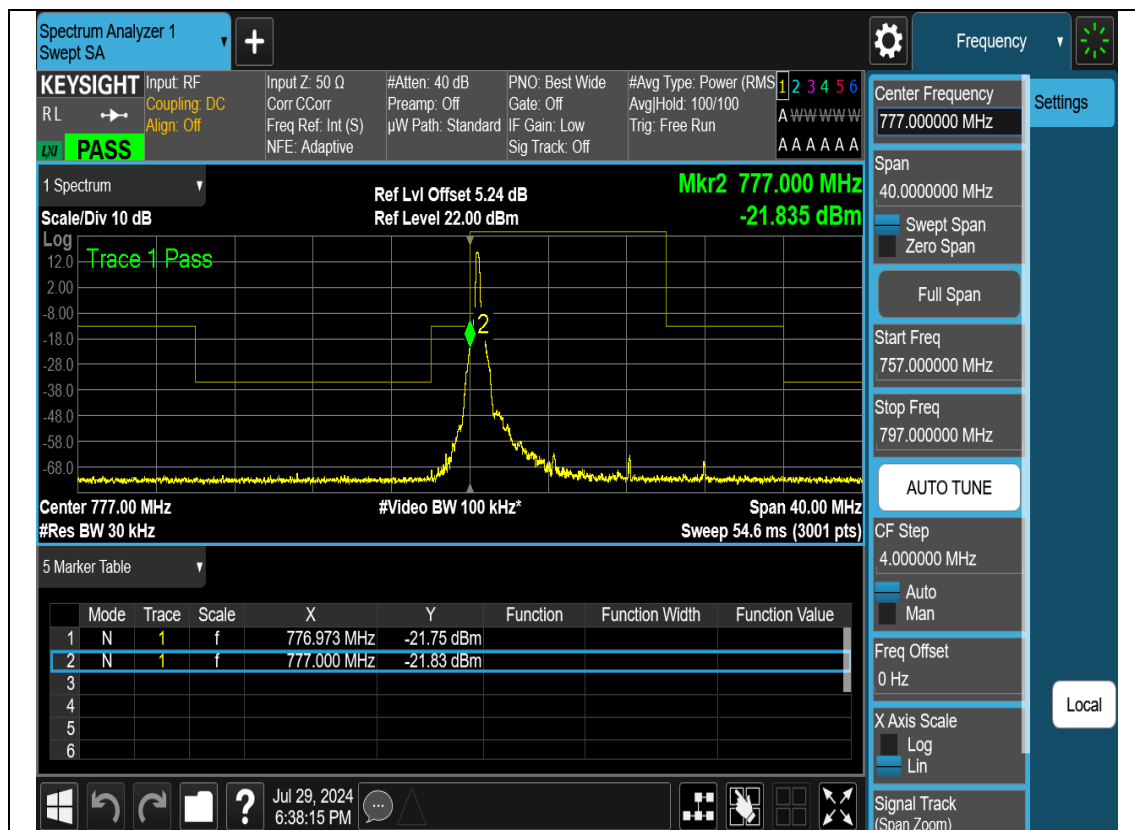
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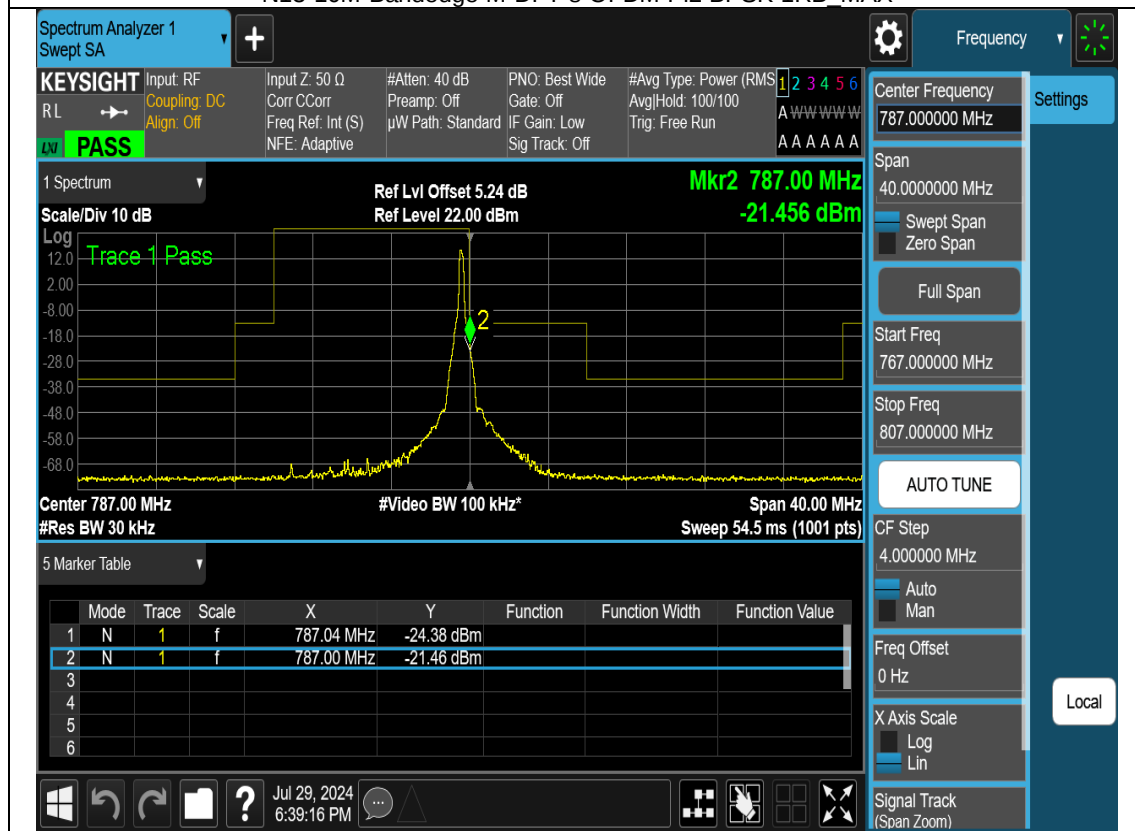
N13-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-Outer Full



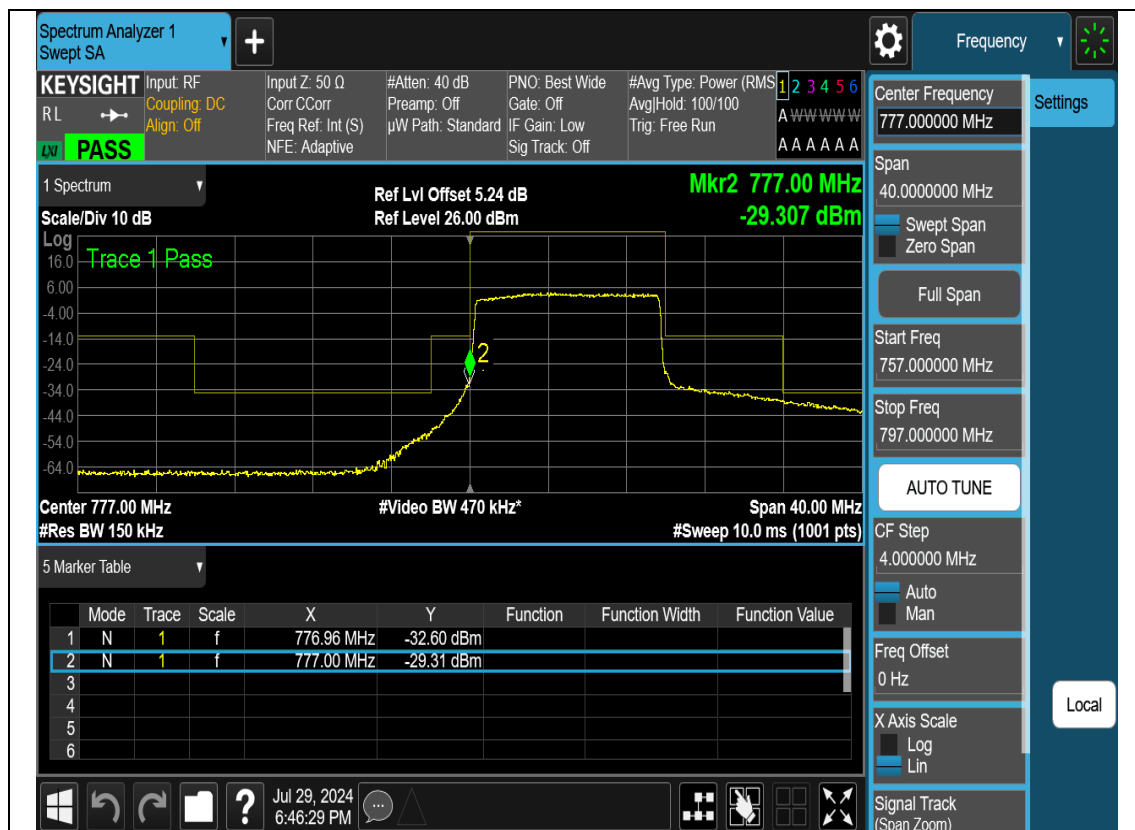
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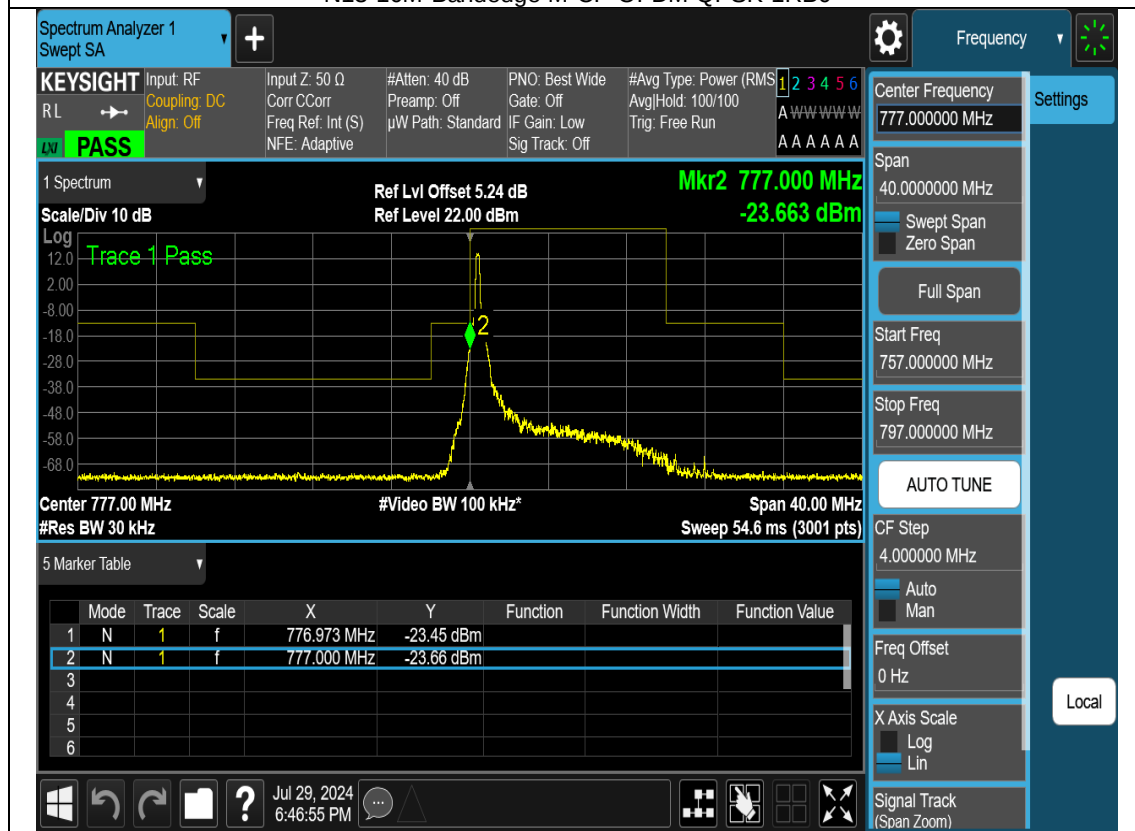
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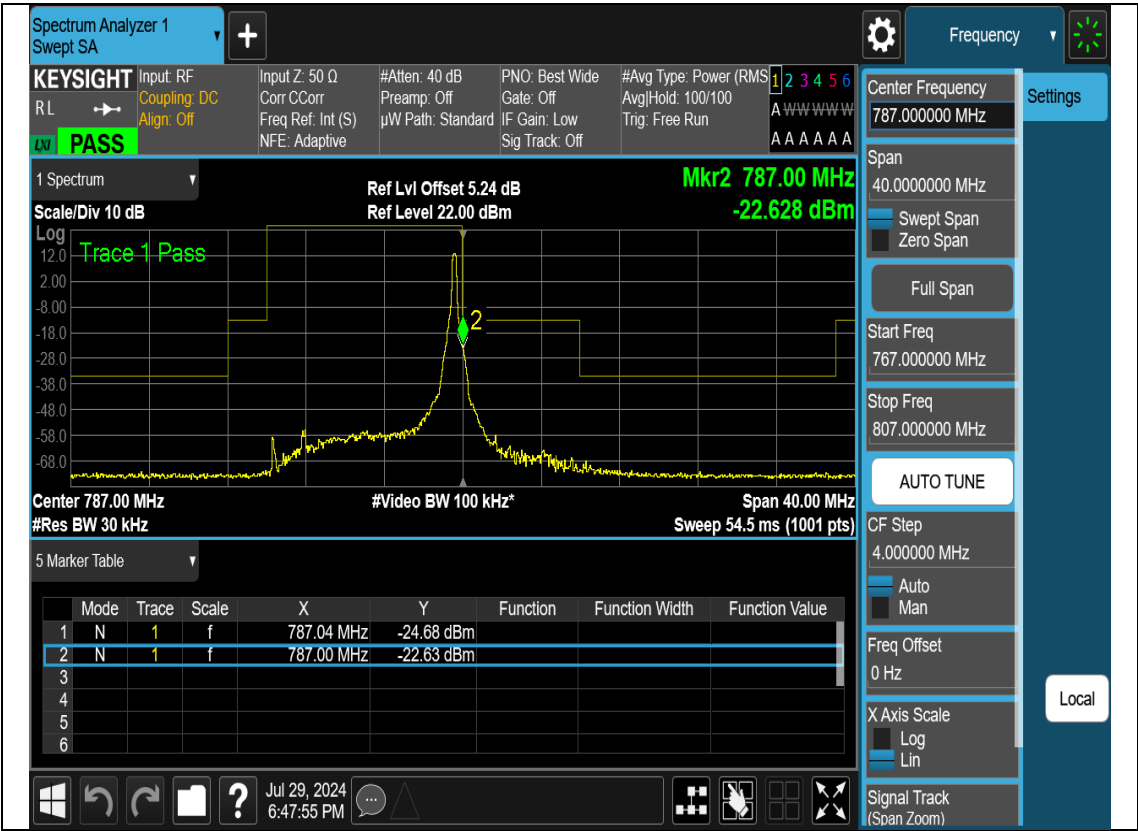
N13-10M-Bandedge-M-CP-OFDM-QPSK-Outer Full



N13-10M-Bandedge-M-CP-OFDM-QPSK-1RB0

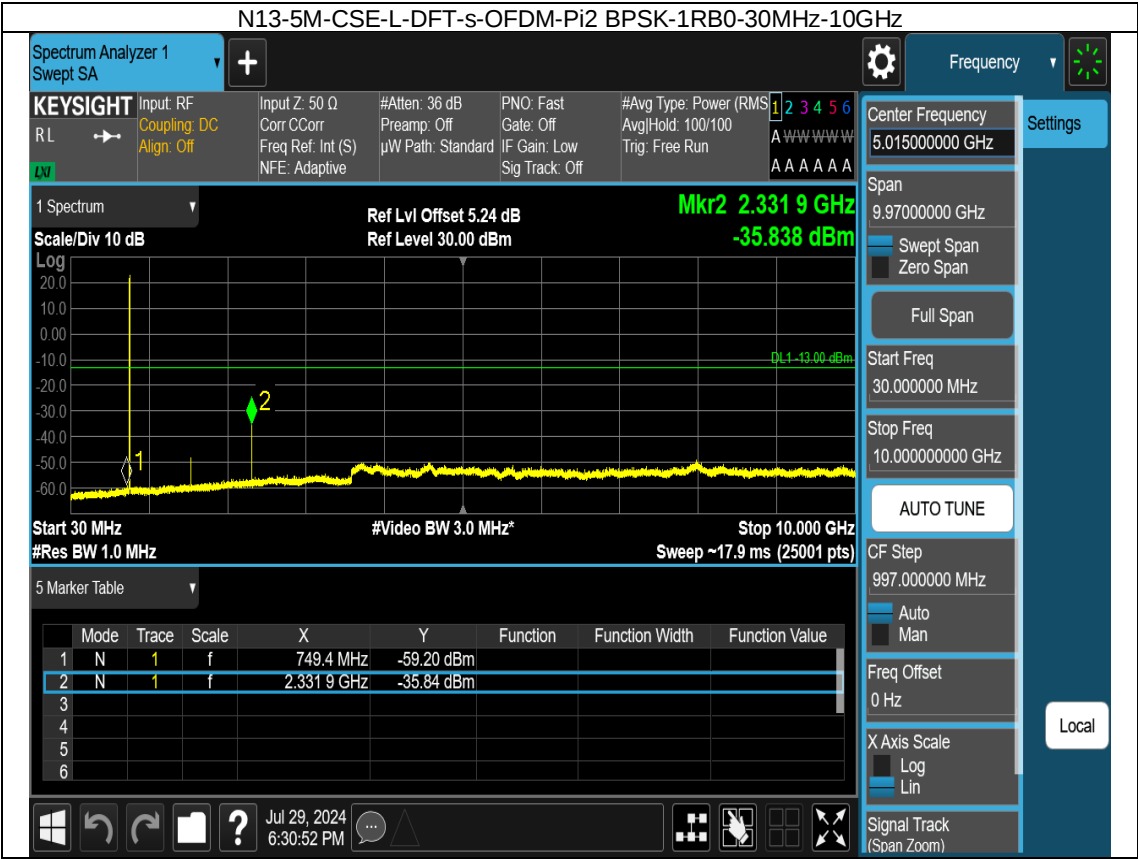


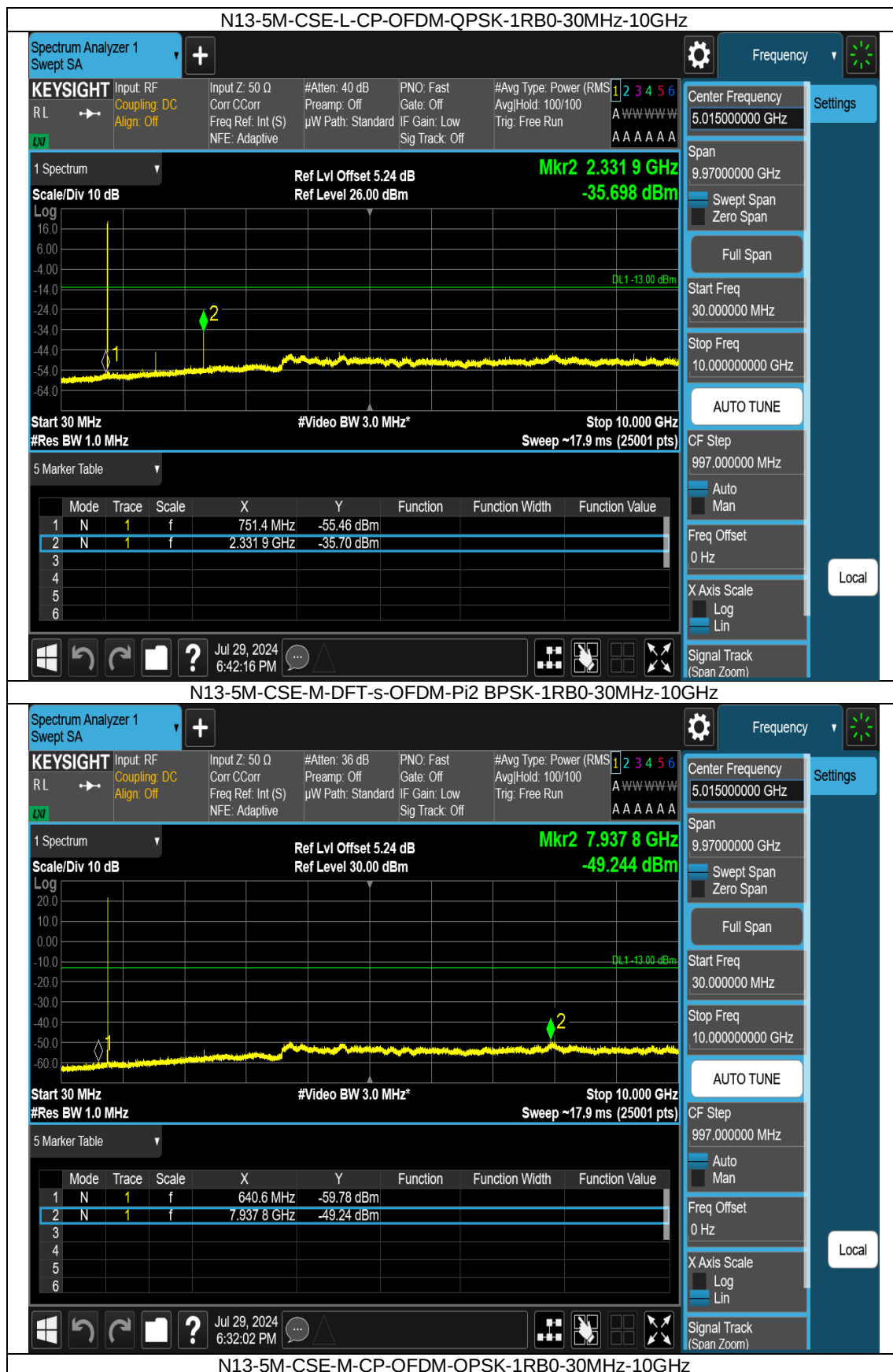
N13-10M-Bandedge-M-CP-OFDM-QPSK-1RB_MAX

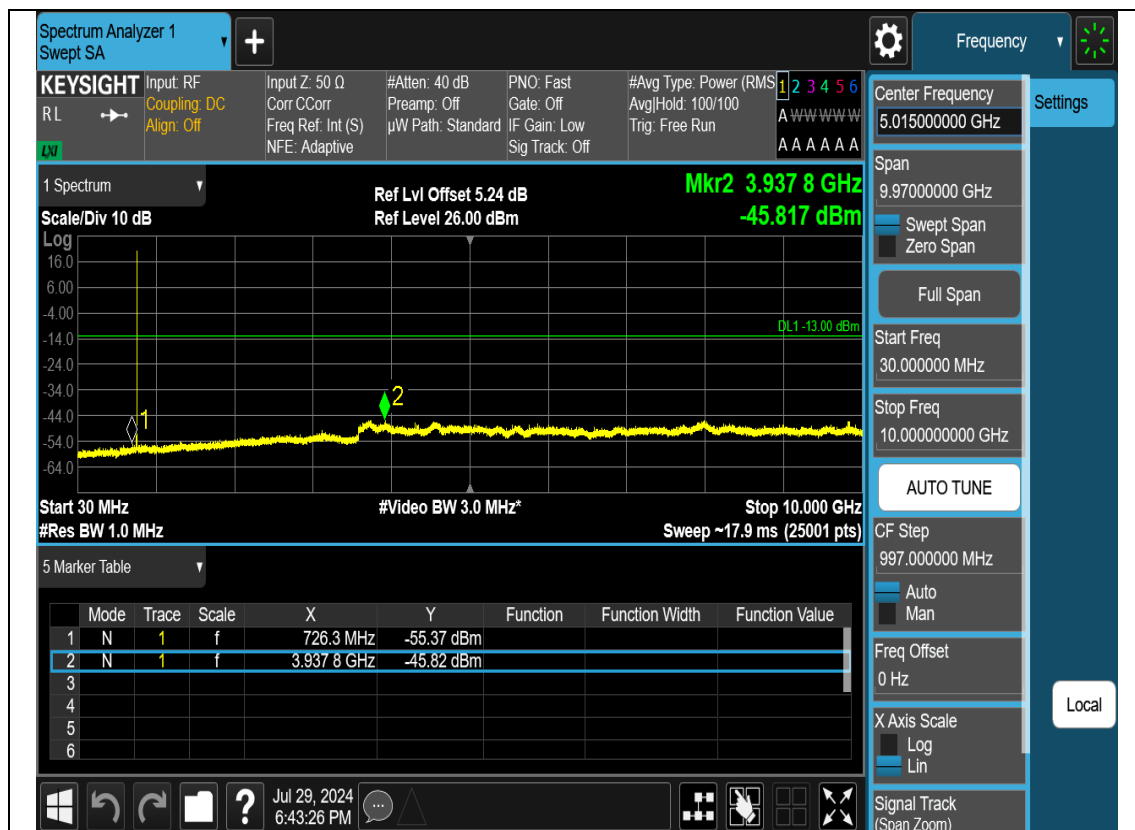


Conducted spurious emissions

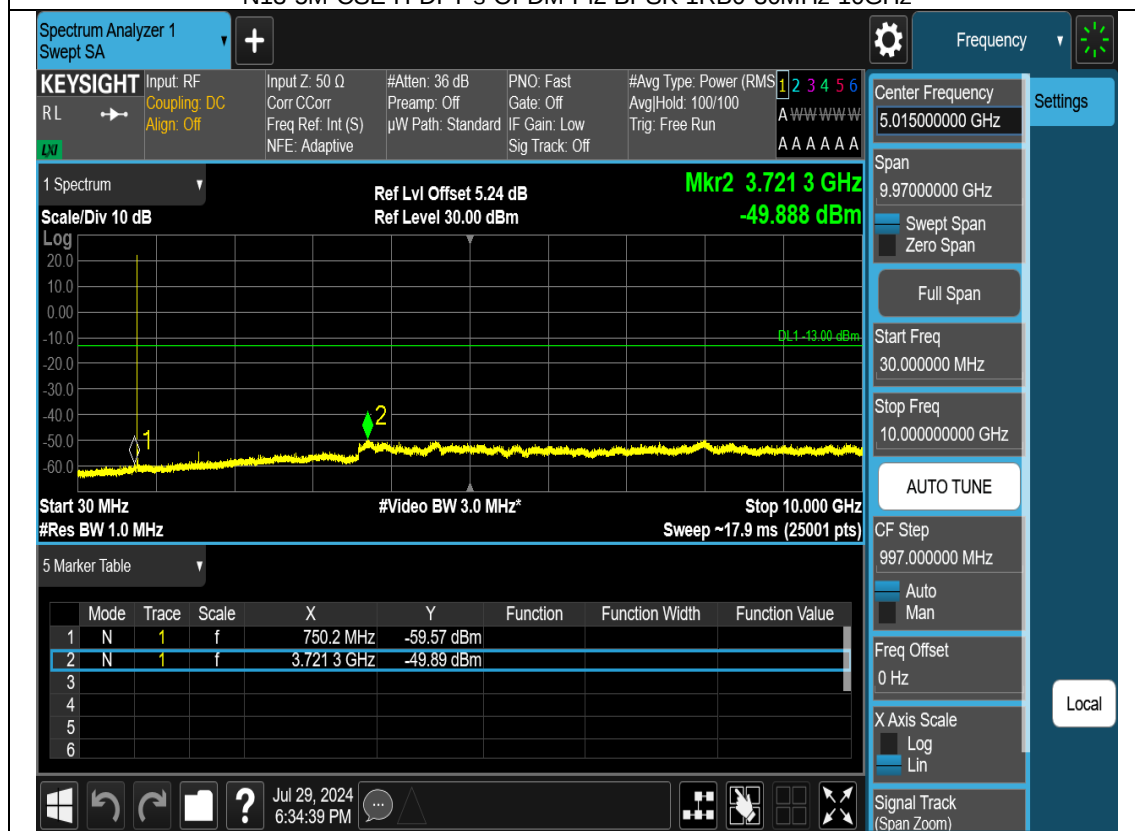
test graph



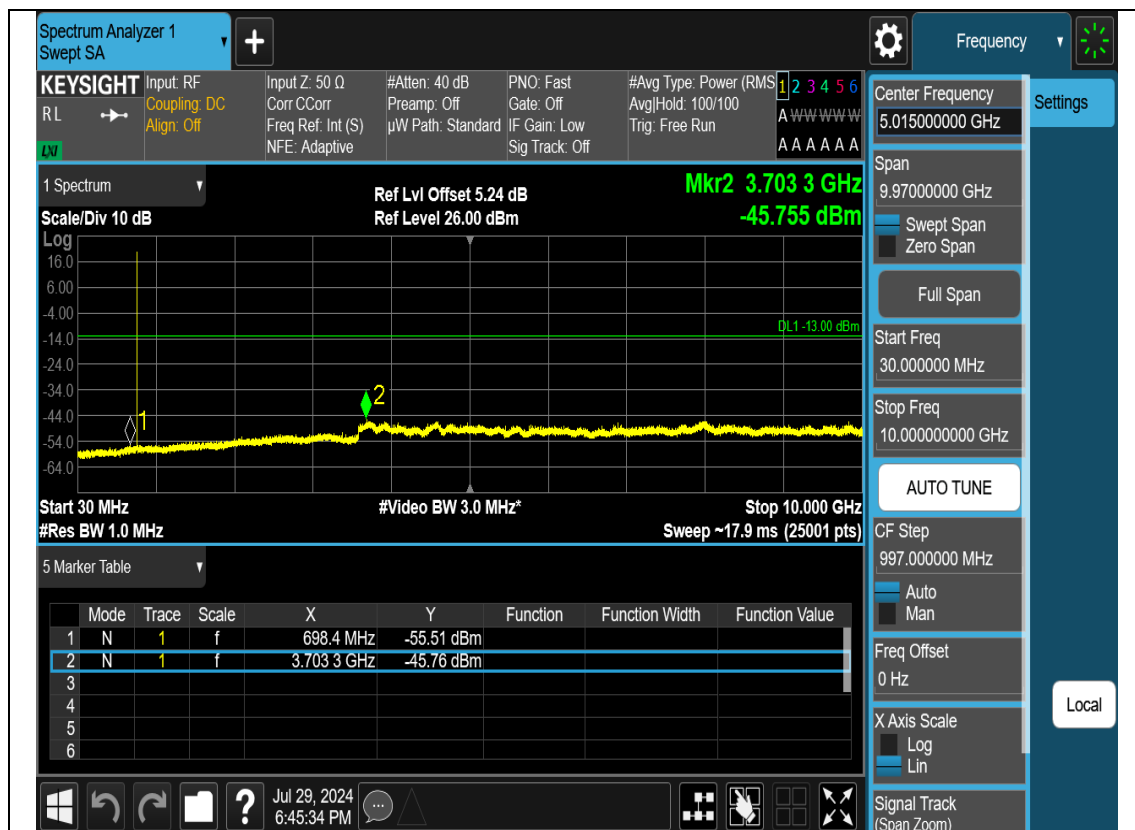




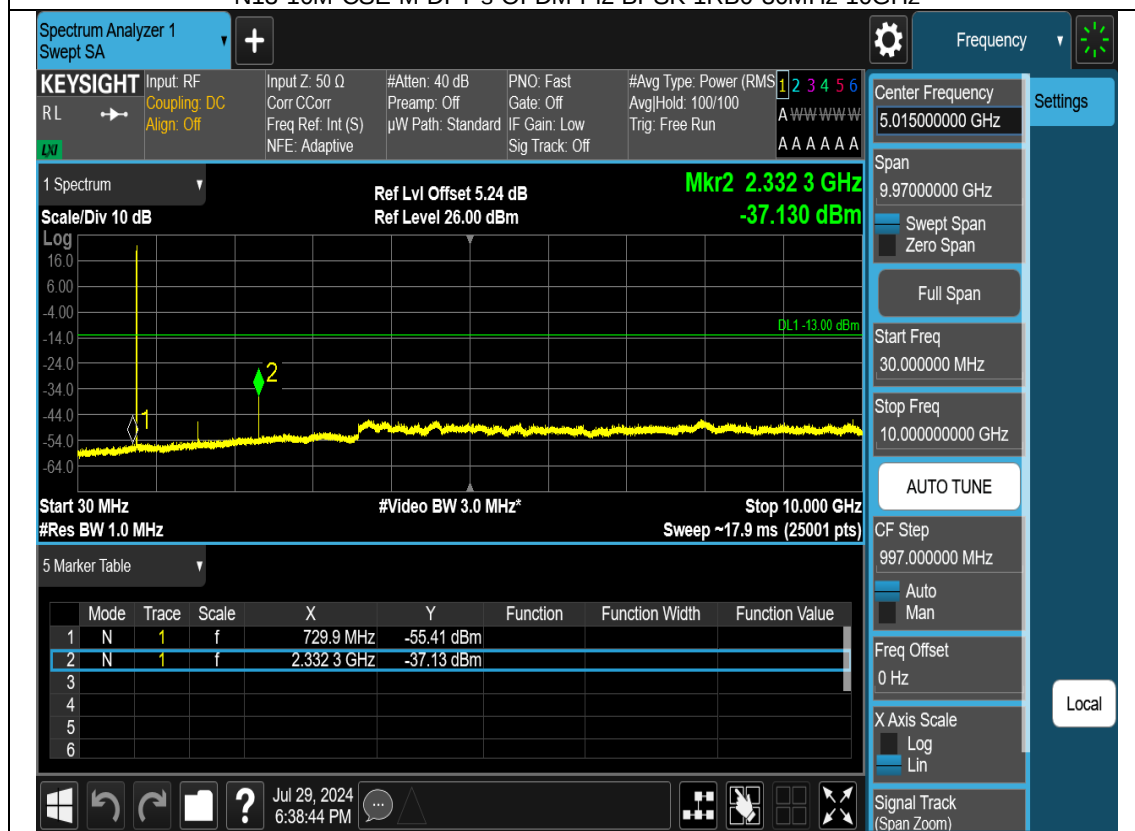
N13-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



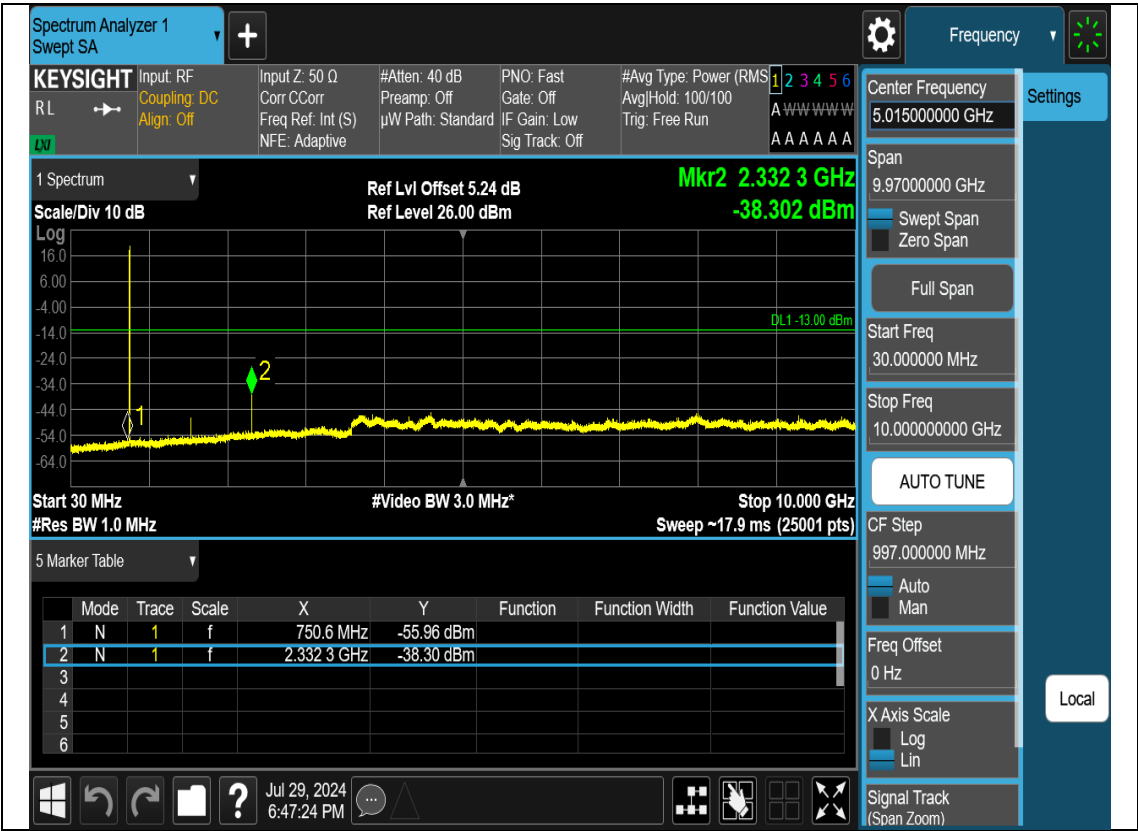
N13-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N13-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N13-10M-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	779.5MHz	Edge_Full_Left	23.36	23.04	34.8	Pass	1.83
			Edge_Full_Right	23.33	23.01	34.8	Pass	1.83
			Edge_1RB_Left	23.24	22.92	34.8	Pass	1.83
			Edge_1RB_Right	23.23	22.91	34.8	Pass	1.83
			Outer_Full	23.55	23.23	34.8	Pass	1.83
			Inner_Full	23.61	23.29	34.8	Pass	1.83
			Inner_1RB_Left	23.36	23.04	34.8	Pass	1.83
			Inner_1RB_Right	23.42	23.1	34.8	Pass	1.83
	DFT-s-OFDM QPSK		Edge_Full_Left	22.94	22.62	34.8	Pass	1.83
			Edge_Full_Right	23.03	22.71	34.8	Pass	1.83
			Edge_1RB_Left	22.7	22.38	34.8	Pass	1.83
			Edge_1RB_Right	22.8	22.48	34.8	Pass	1.83
			Outer_Full	22.94	22.62	34.8	Pass	1.83
			Inner_Full	23.5	23.18	34.8	Pass	1.83
			Inner_1RB_Left	23.45	23.13	34.8	Pass	1.83
			Inner_1RB_Right	23.43	23.11	34.8	Pass	1.83
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.99	21.67	34.8	Pass	1.83
			Edge_Full_Right	21.89	21.57	34.8	Pass	1.83
			Edge_1RB_Left	21.77	21.45	34.8	Pass	1.83
			Edge_1RB_Right	21.72	21.4	34.8	Pass	1.83
			Outer_Full	22.08	21.76	34.8	Pass	1.83
			Inner_Full	22.99	22.67	34.8	Pass	1.83
			Inner_1RB_Left	22.45	22.13	34.8	Pass	1.83
			Inner_1RB_Right	22.69	22.37	34.8	Pass	1.83
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.76	21.44	34.8	Pass	1.83
			Edge_Full_Right	21.74	21.42	34.8	Pass	1.83
			Edge_1RB_Left	21.57	21.25	34.8	Pass	1.83
			Edge_1RB_Right	21.35	21.03	34.8	Pass	1.83
			Outer_Full	21.66	21.34	34.8	Pass	1.83
			Inner_Full	21.29	20.97	34.8	Pass	1.83
			Inner_1RB_Left	21.62	21.3	34.8	Pass	1.83
			Inner_1RB_Right	21.54	21.22	34.8	Pass	1.83
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.56	19.24	34.8	Pass	1.83
			Edge_Full_Right	19.72	19.4	34.8	Pass	1.83
			Edge_1RB_Left	19.19	18.87	34.8	Pass	1.83
			Edge_1RB_Right	19.36	19.04	34.8	Pass	1.83
			Outer_Full	19.57	19.25	34.8	Pass	1.83
			Inner_Full	19.42	19.1	34.8	Pass	1.83
			Inner_1RB_Left	19.22	18.9	34.8	Pass	1.83
			Inner_1RB_Right	19.3	18.98	34.8	Pass	1.83
	CP-OFDM QPSK		Edge_Full_Left	20.74	20.42	34.8	Pass	1.83
			Edge_Full_Right	21	20.68	34.8	Pass	1.83
			Edge_1RB_Left	21.07	20.75	34.8	Pass	1.83
			Edge_1RB_Right	20.94	20.62	34.8	Pass	1.83
			Outer_Full	21.06	20.74	34.8	Pass	1.83
			Inner_Full	22.48	22.16	34.8	Pass	1.83
			Inner_1RB_Left	22.42	22.1	34.8	Pass	1.83
			Inner_1RB Right	22.1	21.78	34.8	Pass	1.83

	CP-OFDM 16QAM	782MHz	Edge_Full_Left	20.72	20.4	34.8	Pass	1.83
			Edge_Full_Right	20.58	20.26	34.8	Pass	1.83
			Edge_1RB_Left	21.56	21.24	34.8	Pass	1.83
			Edge_1RB_Right	21.37	21.05	34.8	Pass	1.83
			Outer_Full	20.85	20.53	34.8	Pass	1.83
			Inner_Full	21.98	21.66	34.8	Pass	1.83
			Inner_1RB_Left	22.3	21.98	34.8	Pass	1.83
			Inner_1RB_Right	22.54	22.22	34.8	Pass	1.83
	CP-OFDM 64QAM		Edge_Full_Left	20.14	19.82	34.8	Pass	1.83
			Edge_Full_Right	19.96	19.64	34.8	Pass	1.83
			Edge_1RB_Left	20.28	19.96	34.8	Pass	1.83
			Edge_1RB_Right	20.34	20.02	34.8	Pass	1.83
			Outer_Full	20.58	20.26	34.8	Pass	1.83
			Inner_Full	20.48	20.16	34.8	Pass	1.83
			Inner_1RB_Left	20.03	19.71	34.8	Pass	1.83
			Inner_1RB_Right	20.07	19.75	34.8	Pass	1.83
	CP-OFDM 256QAM		Edge_Full_Left	17.61	17.29	34.8	Pass	1.83
			Edge_Full_Right	17.62	17.3	34.8	Pass	1.83
			Edge_1RB_Left	17.95	17.63	34.8	Pass	1.83
			Edge_1RB_Right	17.84	17.52	34.8	Pass	1.83
			Outer_Full	17.37	17.05	34.8	Pass	1.83
			Inner_Full	17.13	16.81	34.8	Pass	1.83
			Inner_1RB_Left	17.96	17.64	34.8	Pass	1.83
			Inner_1RB_Right	17.88	17.56	34.8	Pass	1.83
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	23.16	22.84	34.8	Pass	1.83
			Edge_Full_Right	23.37	23.05	34.8	Pass	1.83
			Edge_1RB_Left	23.12	22.8	34.8	Pass	1.83
			Edge_1RB_Right	23.06	22.74	34.8	Pass	1.83
			Outer_Full	23.61	23.29	34.8	Pass	1.83
			Inner_Full	23.49	23.17	34.8	Pass	1.83
			Inner_1RB_Left	23.42	23.1	34.8	Pass	1.83
			Inner_1RB_Right	23.47	23.15	34.8	Pass	1.83
	DFT-s-OFDM QPSK		Edge_Full_Left	23.07	22.75	34.8	Pass	1.83
			Edge_Full_Right	22.84	22.52	34.8	Pass	1.83
			Edge_1RB_Left	22.97	22.65	34.8	Pass	1.83
			Edge_1RB_Right	22.92	22.6	34.8	Pass	1.83
			Outer_Full	23.09	22.77	34.8	Pass	1.83
			Inner_Full	23.39	23.07	34.8	Pass	1.83
			Inner_1RB_Left	23.45	23.13	34.8	Pass	1.83
			Inner_1RB_Right	23.47	23.15	34.8	Pass	1.83
DFT-s-OFDM 16QAM	Edge_Full_Left	21.82	21.5	34.8	Pass	1.83		
	Edge_Full_Right	21.78	21.46	34.8	Pass	1.83		
	Edge_1RB_Left	21.6	21.28	34.8	Pass	1.83		
	Edge_1RB_Right	21.84	21.52	34.8	Pass	1.83		
	Outer_Full	22.08	21.76	34.8	Pass	1.83		
	Inner_Full	22.88	22.56	34.8	Pass	1.83		
	Inner_1RB_Left	22.55	22.23	34.8	Pass	1.83		
	Inner_1RB_Right	22.6	22.28	34.8	Pass	1.83		
DFT-s-OFDM 64QAM	Edge_Full_Left	21.68	21.36	34.8	Pass	1.83		
	Edge_Full_Right	21.74	21.42	34.8	Pass	1.83		
	Edge_1RB_Left	21.56	21.24	34.8	Pass	1.83		
	Edge_1RB_Right	21.6	21.28	34.8	Pass	1.83		
	Outer_Full	21.58	21.26	34.8	Pass	1.83		

	DFT-s-OFDM 256QAM	784.5MHz	Inner_Full	21.32	21	34.8	Pass	1.83
			Inner_1RB_Left	21.44	21.12	34.8	Pass	1.83
			Inner_1RB_Right	21.57	21.25	34.8	Pass	1.83
			Edge_Full_Left	19.67	19.35	34.8	Pass	1.83
			Edge_Full_Right	19.6	19.28	34.8	Pass	1.83
			Edge_1RB_Left	19.27	18.95	34.8	Pass	1.83
			Edge_1RB_Right	19.37	19.05	34.8	Pass	1.83
			Outer_Full	19.46	19.14	34.8	Pass	1.83
			Inner_Full	19.35	19.03	34.8	Pass	1.83
			Inner_1RB_Left	19.49	19.17	34.8	Pass	1.83
			Inner_1RB_Right	19.62	19.3	34.8	Pass	1.83
			Edge_Full_Left	20.96	20.64	34.8	Pass	1.83
	CP-OFDM QPSK		Edge_Full_Right	20.98	20.66	34.8	Pass	1.83
			Edge_1RB_Left	20.41	20.09	34.8	Pass	1.83
			Edge_1RB_Right	20.63	20.31	34.8	Pass	1.83
			Outer_Full	21.07	20.75	34.8	Pass	1.83
			Inner_Full	22.41	22.09	34.8	Pass	1.83
			Inner_1RB_Left	22.23	21.91	34.8	Pass	1.83
			Inner_1RB_Right	22.31	21.99	34.8	Pass	1.83
			Edge_Full_Left	20.83	20.51	34.8	Pass	1.83
			Edge_Full_Right	20.71	20.39	34.8	Pass	1.83
			Edge_1RB_Left	21.11	20.79	34.8	Pass	1.83
			Edge_1RB_Right	21.09	20.77	34.8	Pass	1.83
			Outer_Full	20.93	20.61	34.8	Pass	1.83
	CP-OFDM 16QAM		Inner_Full	22.01	21.69	34.8	Pass	1.83
			Inner_1RB_Left	22.03	21.71	34.8	Pass	1.83
			Inner_1RB_Right	22.03	21.71	34.8	Pass	1.83
			Edge_Full_Left	19.95	19.63	34.8	Pass	1.83
			Edge_Full_Right	20.11	19.79	34.8	Pass	1.83
			Edge_1RB_Left	20.47	20.15	34.8	Pass	1.83
			Edge_1RB_Right	20.38	20.06	34.8	Pass	1.83
			Outer_Full	20.7	20.38	34.8	Pass	1.83
			Inner_Full	20.48	20.16	34.8	Pass	1.83
			Inner_1RB_Left	20.25	19.93	34.8	Pass	1.83
			Inner_1RB_Right	20.41	20.09	34.8	Pass	1.83
			Edge_Full_Left	17.64	17.32	34.8	Pass	1.83
	CP-OFDM 64QAM		Edge_Full_Right	17.73	17.41	34.8	Pass	1.83
			Edge_1RB_Left	17.88	17.56	34.8	Pass	1.83
			Edge_1RB_Right	17.96	17.64	34.8	Pass	1.83
			Outer_Full	17.45	17.13	34.8	Pass	1.83
			Inner_Full	17.28	16.96	34.8	Pass	1.83
			Inner_1RB_Left	17.9	17.58	34.8	Pass	1.83
			Inner_1RB_Right	18.09	17.77	34.8	Pass	1.83
			Edge_Full_Left	23.3	22.98	34.8	Pass	1.83
			Edge_Full_Right	23.56	23.24	34.8	Pass	1.83
			Edge_1RB_Left	23.11	22.79	34.8	Pass	1.83
			Edge_1RB_Right	23.34	23.02	34.8	Pass	1.83
			Outer_Full	23.57	23.25	34.8	Pass	1.83
	DFT-s-OFDM PI/2 BPSK		Inner_Full	23.77	23.45	34.8	Pass	1.83
			Inner_1RB_Left	23.55	23.23	34.8	Pass	1.83
			Inner_1RB_Right	23.55	23.23	34.8	Pass	1.83
			Edge_Full_Left	23	22.68	34.8	Pass	1.83
			Edge_Full_Right	22.21	21.89	34.8	Pass	1.83
			DFT-s-OFDM QPSK					

		Edge_1RB_Left	22.74	22.42	34.8	Pass	1.83
		Edge_1RB_Right	22.26	21.94	34.8	Pass	1.83
		Outer_Full	22.87	22.55	34.8	Pass	1.83
		Inner_Full	23.77	23.45	34.8	Pass	1.83
		Inner_1RB_Left	23.54	23.22	34.8	Pass	1.83
		Inner_1RB_Right	23.03	22.71	34.8	Pass	1.83
	DFT-s-OFDM 16QAM	Edge_Full_Left	21.72	21.4	34.8	Pass	1.83
		Edge_Full_Right	20.96	20.64	34.8	Pass	1.83
		Edge_1RB_Left	21.69	21.37	34.8	Pass	1.83
		Edge_1RB_Right	21.05	20.73	34.8	Pass	1.83
		Outer_Full	21.77	21.45	34.8	Pass	1.83
		Inner_Full	22.88	22.56	34.8	Pass	1.83
	DFT-s-OFDM 64QAM	Inner_1RB_Left	22.57	22.25	34.8	Pass	1.83
		Inner_1RB_Right	22.07	21.75	34.8	Pass	1.83
		Edge_Full_Left	21.48	21.16	34.8	Pass	1.83
		Edge_Full_Right	20.78	20.46	34.8	Pass	1.83
		Edge_1RB_Left	21.25	20.93	34.8	Pass	1.83
		Edge_1RB_Right	20.57	20.25	34.8	Pass	1.83
	DFT-s-OFDM 256QAM	Outer_Full	21.26	20.94	34.8	Pass	1.83
		Inner_Full	21.15	20.83	34.8	Pass	1.83
		Inner_1RB_Left	21.27	20.95	34.8	Pass	1.83
		Inner_1RB_Right	20.49	20.17	34.8	Pass	1.83
		Edge_Full_Left	19.63	19.31	34.8	Pass	1.83
		Edge_Full_Right	18.98	18.66	34.8	Pass	1.83
	CP-OFDM QPSK	Edge_1RB_Left	19.7	19.38	34.8	Pass	1.83
		Edge_1RB_Right	19.14	18.82	34.8	Pass	1.83
		Outer_Full	19.53	19.21	34.8	Pass	1.83
		Inner_Full	19.58	19.26	34.8	Pass	1.83
		Inner_1RB_Left	19.61	19.29	34.8	Pass	1.83
		Inner_1RB_Right	19.13	18.81	34.8	Pass	1.83
	CP-OFDM 16QAM	Edge_Full_Left	21.35	21.03	34.8	Pass	1.83
		Edge_Full_Right	20.84	20.52	34.8	Pass	1.83
		Edge_1RB_Left	20.98	20.66	34.8	Pass	1.83
		Edge_1RB_Right	20.9	20.58	34.8	Pass	1.83
		Outer_Full	21.03	20.71	34.8	Pass	1.83
		Inner_Full	22.03	21.71	34.8	Pass	1.83
	CP-OFDM 64QAM	Inner_1RB_Left	22.48	22.16	34.8	Pass	1.83
		Inner_1RB_Right	21.61	21.29	34.8	Pass	1.83
		Edge_Full_Left	21	20.68	34.8	Pass	1.83
		Edge_Full_Right	20.63	20.31	34.8	Pass	1.83
		Edge_1RB_Left	21.02	20.7	34.8	Pass	1.83
		Edge_1RB_Right	21.05	20.73	34.8	Pass	1.83
		Outer_Full	21.24	20.92	34.8	Pass	1.83
		Inner_Full	21.87	21.55	34.8	Pass	1.83
		Inner_1RB_Left	22.16	21.84	34.8	Pass	1.83
		Inner_1RB_Right	21.32	21	34.8	Pass	1.83
		Edge_Full_Left	20.09	19.77	34.8	Pass	1.83
		Edge_Full_Right	20.5	20.18	34.8	Pass	1.83
		Edge_1RB_Left	20.67	20.35	34.8	Pass	1.83
		Edge_1RB_Right	20.66	20.34	34.8	Pass	1.83
		Outer_Full	20.93	20.61	34.8	Pass	1.83
		Inner_Full	20.56	20.24	34.8	Pass	1.83
		Inner_1RB_Left	20.55	20.23	34.8	Pass	1.83

	CP-OFDM 256QAM		Inner_1RB_Right	20.49	20.17	34.8	Pass	1.83
			Edge_Full_Left	18.04	17.72	34.8	Pass	1.83
			Edge_Full_Right	17.96	17.64	34.8	Pass	1.83
			Edge_1RB_Left	18.28	17.96	34.8	Pass	1.83
			Edge_1RB_Right	18.23	17.91	34.8	Pass	1.83
			Outer_Full	17.79	17.47	34.8	Pass	1.83
			Inner_Full	17.49	17.17	34.8	Pass	1.83
			Inner_1RB_Left	18.01	17.69	34.8	Pass	1.83
			Inner_1RB_Right	18.12	17.8	34.8	Pass	1.83
				DFT-s-OFDM PI/2 BPSK	782MHz	Edge_Full_Left	23.16	22.84
Edge_Full_Right	23.26	22.94				34.8	Pass	1.83
Edge_1RB_Left	23.08	22.76				34.8	Pass	1.83
Edge_1RB_Right	22.98	22.66				34.8	Pass	1.83
Outer_Full	23.3	22.98				34.8	Pass	1.83
Inner_Full	23.33	23.01				34.8	Pass	1.83
Inner_1RB_Left	23.08	22.76				34.8	Pass	1.83
Inner_1RB_Right	23.29	22.97				34.8	Pass	1.83
DFT-s-OFDM QPSK	Edge_Full_Left	22.8		22.48		34.8	Pass	1.83
	Edge_Full_Right	22.79		22.47		34.8	Pass	1.83
	Edge_1RB_Left	22.66		22.34		34.8	Pass	1.83
	Edge_1RB_Right	22.67		22.35		34.8	Pass	1.83
	Outer_Full	22.79		22.47		34.8	Pass	1.83
	Inner_Full	23.23		22.91		34.8	Pass	1.83
	Inner_1RB_Left	23.17		22.85		34.8	Pass	1.83
	Inner_1RB_Right	23.09		22.77		34.8	Pass	1.83
DFT-s-OFDM 16QAM	Edge_Full_Left	21.68		21.36		34.8	Pass	1.83
	Edge_Full_Right	21.5		21.18		34.8	Pass	1.83
	Edge_1RB_Left	21.5		21.18		34.8	Pass	1.83
	Edge_1RB_Right	21.66		21.34		34.8	Pass	1.83
	Outer_Full	21.95		21.63		34.8	Pass	1.83
	Inner_Full	22.81		22.49		34.8	Pass	1.83
	Inner_1RB_Left	22.34		22.02		34.8	Pass	1.83
	Inner_1RB_Right	22.32		22		34.8	Pass	1.83
DFT-s-OFDM 64QAM	Edge_Full_Left	21.34		21.02		34.8	Pass	1.83
	Edge_Full_Right	21.6		21.28		34.8	Pass	1.83
	Edge_1RB_Left	21.2		20.88		34.8	Pass	1.83
	Edge_1RB_Right	21.3		20.98		34.8	Pass	1.83
	Outer_Full	21.4		21.08		34.8	Pass	1.83
	Inner_Full	21.18		20.86		34.8	Pass	1.83
	Inner_1RB_Left	21.37		21.05		34.8	Pass	1.83
	Inner_1RB_Right	21.31		20.99		34.8	Pass	1.83
DFT-s-OFDM 256QAM	Edge_Full_Left	19.37		19.05		34.8	Pass	1.83
	Edge_Full_Right	19.48		19.16		34.8	Pass	1.83
	Edge_1RB_Left	19.29		18.97		34.8	Pass	1.83
	Edge_1RB_Right	19.22		18.9		34.8	Pass	1.83
	Outer_Full	19.24		18.92		34.8	Pass	1.83
	Inner_Full	19.21		18.89		34.8	Pass	1.83
	Inner_1RB_Left	19.26		18.94		34.8	Pass	1.83
	Inner_1RB_Right	19.3		18.98		34.8	Pass	1.83
CP-OFDM QPSK	Edge_Full_Left	20.62		20.3		34.8	Pass	1.83
	Edge_Full_Right	20.72		20.4		34.8	Pass	1.83
	Edge_1RB_Left	20.33		20.01		34.8	Pass	1.83
	Edge_1RB_Right	20.4		20.08		34.8	Pass	1.83

			Outer_Full	20.91	20.59	34.8	Pass	1.83
			Inner_Full	22.24	21.92	34.8	Pass	1.83
			Inner_1RB_Left	22.1	21.78	34.8	Pass	1.83
			Inner_1RB_Right	22.3	21.98	34.8	Pass	1.83
	CP-OFDM 16QAM		Edge_Full_Left	20.68	20.36	34.8	Pass	1.83
			Edge_Full_Right	20.48	20.16	34.8	Pass	1.83
			Edge_1RB_Left	20.85	20.53	34.8	Pass	1.83
			Edge_1RB_Right	20.95	20.63	34.8	Pass	1.83
			Outer_Full	20.89	20.57	34.8	Pass	1.83
			Inner_Full	21.81	21.49	34.8	Pass	1.83
			Inner_1RB_Left	21.86	21.54	34.8	Pass	1.83
			Inner_1RB_Right	21.87	21.55	34.8	Pass	1.83
	CP-OFDM 64QAM		Edge_Full_Left	19.99	19.67	34.8	Pass	1.83
			Edge_Full_Right	19.96	19.64	34.8	Pass	1.83
			Edge_1RB_Left	20.33	20.01	34.8	Pass	1.83
			Edge_1RB_Right	20.23	19.91	34.8	Pass	1.83
			Outer_Full	20.41	20.09	34.8	Pass	1.83
			Inner_Full	20.25	19.93	34.8	Pass	1.83
			Inner_1RB_Left	20.17	19.85	34.8	Pass	1.83
			Inner_1RB_Right	20.22	19.9	34.8	Pass	1.83
	CP-OFDM 256QAM		Edge_Full_Left	17.46	17.14	34.8	Pass	1.83
			Edge_Full_Right	17.28	16.96	34.8	Pass	1.83
			Edge_1RB_Left	17.62	17.3	34.8	Pass	1.83
			Edge_1RB_Right	18.01	17.69	34.8	Pass	1.83
			Outer_Full	17.3	16.98	34.8	Pass	1.83
			Inner_Full	17.11	16.79	34.8	Pass	1.83
			Inner_1RB_Left	17.77	17.45	34.8	Pass	1.83
			Inner_1RB_Right	18.13	17.81	34.8	Pass	1.83

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	782	Outer_Full	20	LV	-5.24	-0.0028	2.5	Pass
					HV	5.64	0.0030	2.5	Pass
				-30	NV	8.5	0.0045	2.5	Pass
				-20	NV	8.15	0.0043	2.5	Pass
				-10	NV	1.44	0.0008	2.5	Pass
				0	NV	-2.06	-0.0011	2.5	Pass
				10	NV	-6.71	-0.0036	2.5	Pass
				20	NV	-4.37	-0.0023	2.5	Pass
				30	NV	-2.77	-0.0015	2.5	Pass
				40	NV	-2.68	-0.0014	2.5	Pass
	50			NV	-2.82	-0.0015	2.5	Pass	
	CP-OFDM QPSK			20	LV	-4.02	-0.0021	2.5	Pass
					HV	7.19	0.0038	2.5	Pass
				-30	NV	-3.57	-0.0019	2.5	Pass
				-20	NV	8.88	0.0047	2.5	Pass
				-10	NV	-4.33	-0.0023	2.5	Pass
				0	NV	-8.45	-0.0045	2.5	Pass
				10	NV	-4.21	-0.0022	2.5	Pass
				20	NV	-3.42	-0.0018	2.5	Pass
				30	NV	3.74	0.0020	2.5	Pass
				40	NV	7.98	0.0042	2.5	Pass
				50	NV	8.74	0.0046	2.5	Pass
10MHz		DFT-s-OFDM PI/2 BPSK	782	Outer_Full	20	LV	-4.29	-0.0023	2.5
	HV					-4.41	-0.0023	2.5	Pass
	-30				NV	4.91	0.0026	2.5	Pass
	-20				NV	4.7	0.0025	2.5	Pass
	-10				NV	-9.11	-0.0048	2.5	Pass
	0				NV	1.74	0.0009	2.5	Pass
	10				NV	-4.37	-0.0023	2.5	Pass
	20				NV	1.92	0.0010	2.5	Pass
	30				NV	5.93	0.0032	2.5	Pass
	40				NV	5.66	0.0030	2.5	Pass
	50	NV			-3.11	-0.0017	2.5	Pass	
	CP-OFDM QPSK	20			LV	5.78	0.0031	2.5	Pass
					HV	10.28	0.0055	2.5	Pass
		-30			NV	2.76	0.0015	2.5	Pass
		-20			NV	4.29	0.0023	2.5	Pass
		-10			NV	-3.09	-0.0016	2.5	Pass

				0	NV	-1.89	-0.0010	2.5	Pass
				10	NV	9.96	0.0053	2.5	Pass
				20	NV	5.32	0.0028	2.5	Pass
				30	NV	-4.98	-0.0026	2.5	Pass
				40	NV	2.19	0.0012	2.5	Pass
				50	NV	-7.22	-0.0038	2.5	Pass

Field Strength of Spurious Radiation

NR Band n13-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
1554.5	-70.52	-13	-57.52	-74.22	2.04	5.74	Horizontal	Pass
2331.75	-67.75	-13	-54.75	-70.61	2.56	5.42	Horizontal	Pass
3109.0	-65.67	-13	-52.67	-69.83	3.03	7.19	Horizontal	Pass
1554.5	-70.58	-13	-57.58	-74.28	2.04	5.74	Vertical	Pass
2331.75	-68.17	-13	-55.17	-71.03	2.56	5.42	Vertical	Pass
3109.0	-65.52	-13	-52.52	-69.68	3.03	7.19	Vertical	Pass

NR Band n13-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
1559.5	-70.0	-40	-30.0	-73.69	2.04	5.73	Horizontal	Pass
2339.25	-67.56	-13	-54.56	-70.43	2.56	5.43	Horizontal	Pass
3119.0	-65.4	-13	-52.4	-69.58	3.04	7.22	Horizontal	Pass
1559.5	-70.81	-40	-30.81	-74.5	2.04	5.73	Vertical	Pass
2339.25	-68.01	-13	-55.01	-70.88	2.56	5.43	Vertical	Pass
3119.0	-65.5	-13	-52.5	-69.68	3.04	7.22	Vertical	Pass

NR Band n13-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
1564.5	-70.12	-40	-30.12	-73.79	2.05	5.72	Horizontal	Pass
2346.75	-67.76	-13	-54.76	-70.65	2.56	5.45	Horizontal	Pass
3129.0	-65.03	-13	-52.03	-69.22	3.05	7.24	Horizontal	Pass
1564.5	-70.79	-40	-30.79	-74.46	2.05	5.72	Vertical	Pass
2346.75	-67.84	-13	-54.84	-70.73	2.56	5.45	Vertical	Pass
3129.0	-65.53	-13	-52.53	-69.72	3.05	7.24	Vertical	Pass

---End of Attachment---