



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Rev.: 01

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Appendix B.25

NR Band n14



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Shenzhen Branch, Wireless Laboratory

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99% & 26dB Bandwidth

Test Result

5G NR N14 SCS=15kHz 5MHz						
Modulation	Mid CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK		Outer Full	4.489	5.111	/	Pass
CP-OFDM QPSK		Outer Full	4.505	5.131	/	Pass

5G NR N14 SCS=15kHz 10MHz						
Modulation	Mid CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK		Outer Full	8.965	9.847	/	Pass
CP-OFDM QPSK		Outer Full	8.972	9.814	/	Pass



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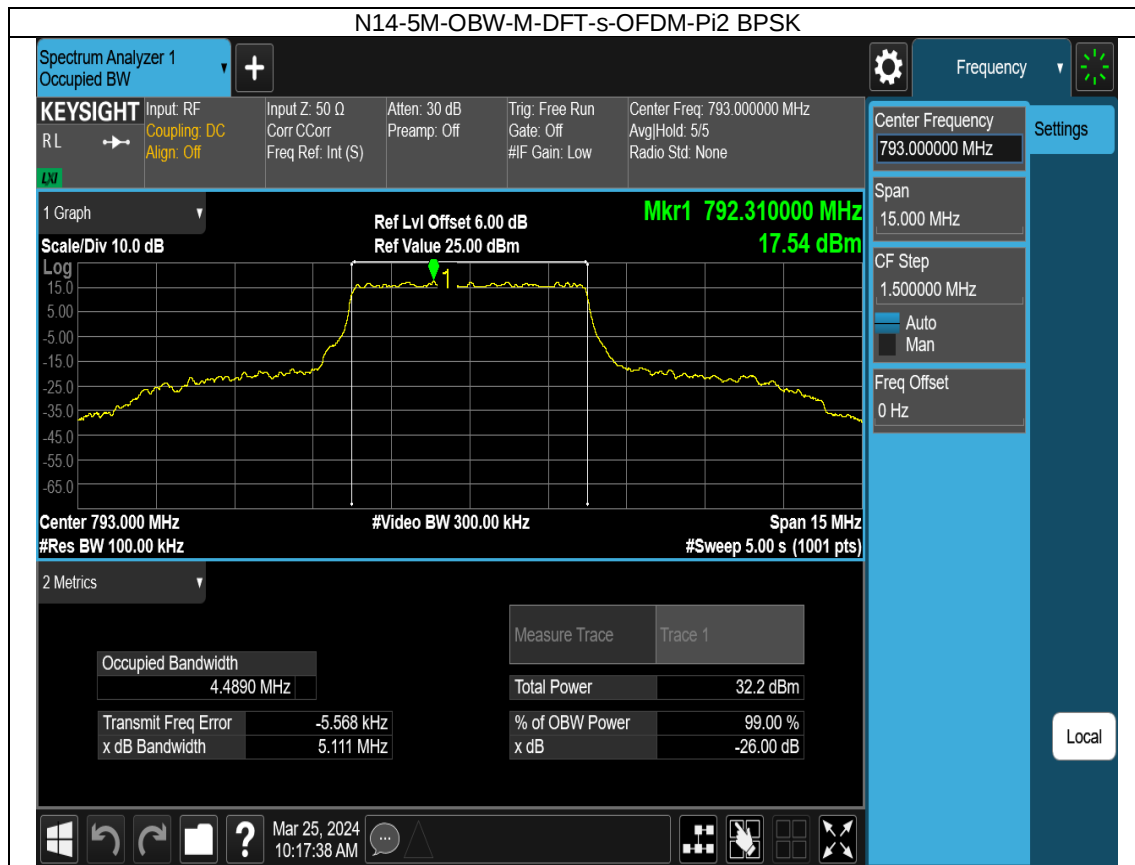
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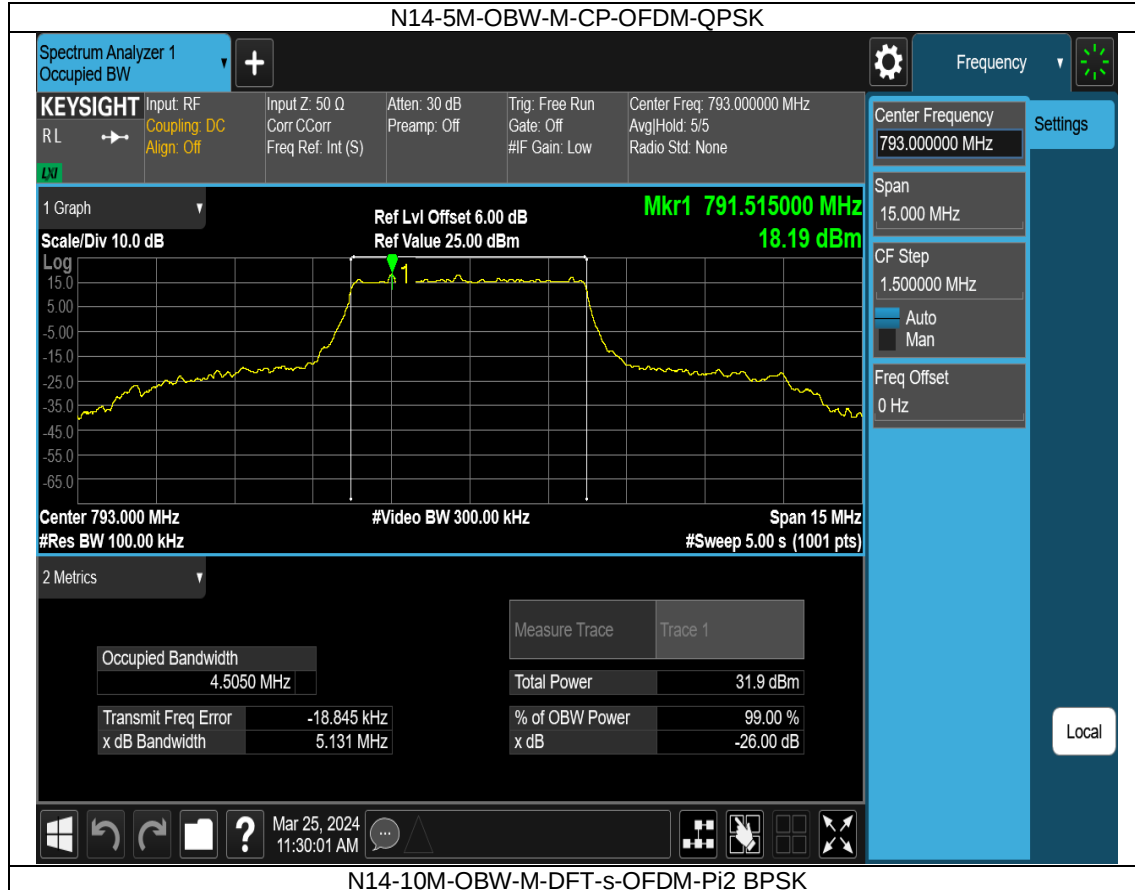


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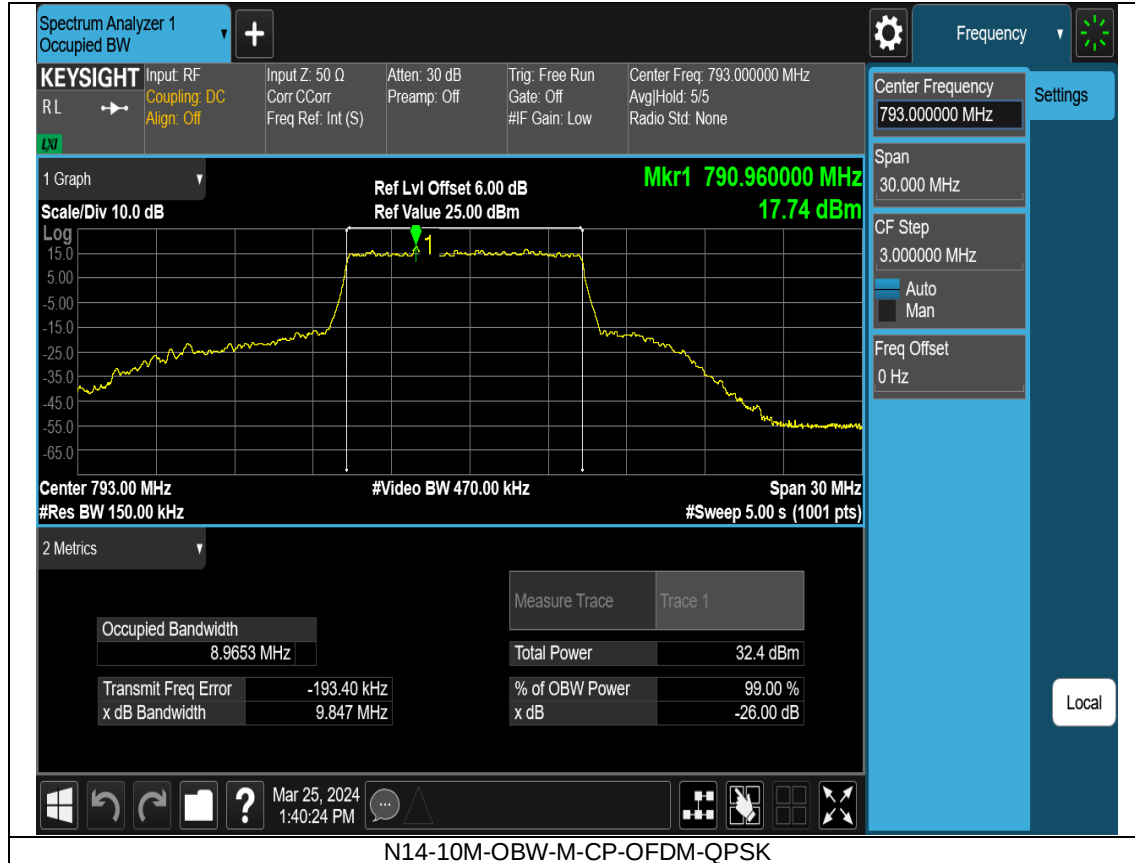


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Peak-Average Ratio

Test Result

5G NR N14 SCS=15kHz 5MHz					
Modulation	Mid CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK		Outer_Full	4	<=13	Pass
CP-OFDM QPSK		Outer_Full	4.04	<=13	Pass

5G NR N14 SCS=15kHz 10MHz					
Modulation	Mid CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK		Outer_Full	5.22	<=13	Pass
CP-OFDM QPSK		Outer_Full	5.18	<=13	Pass



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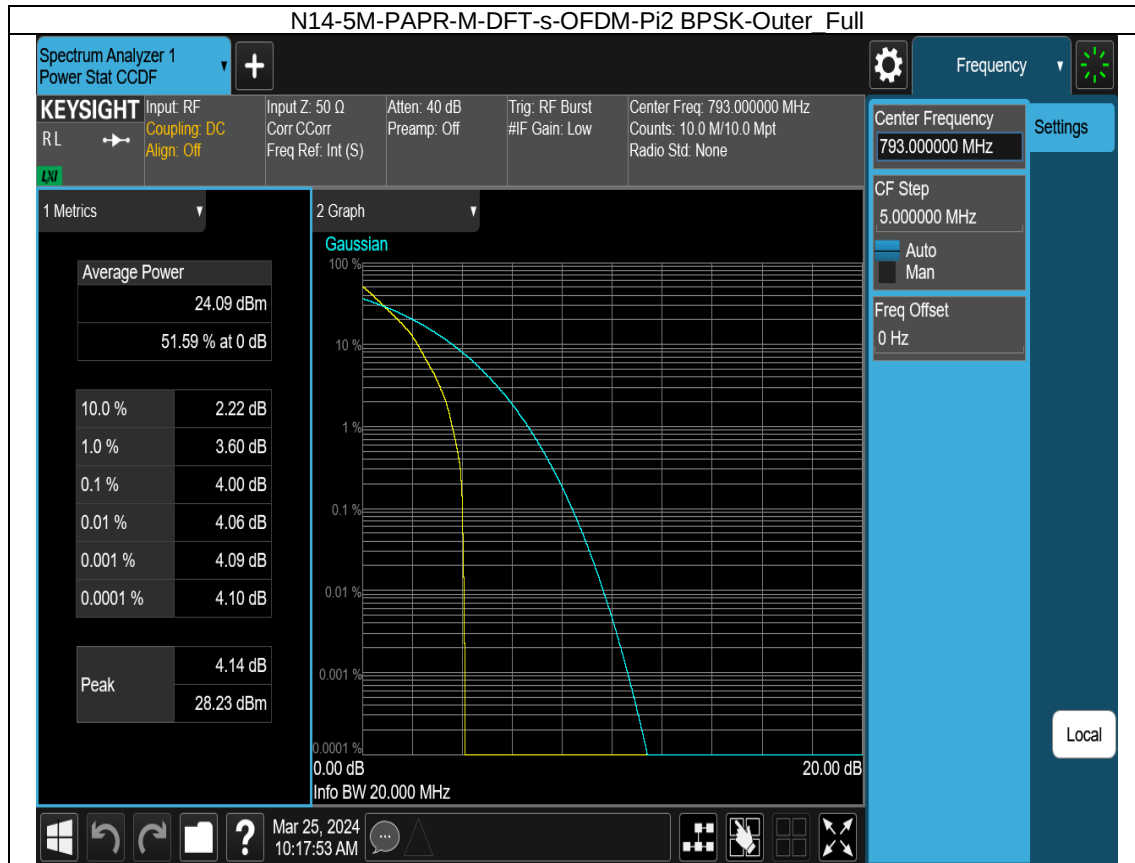
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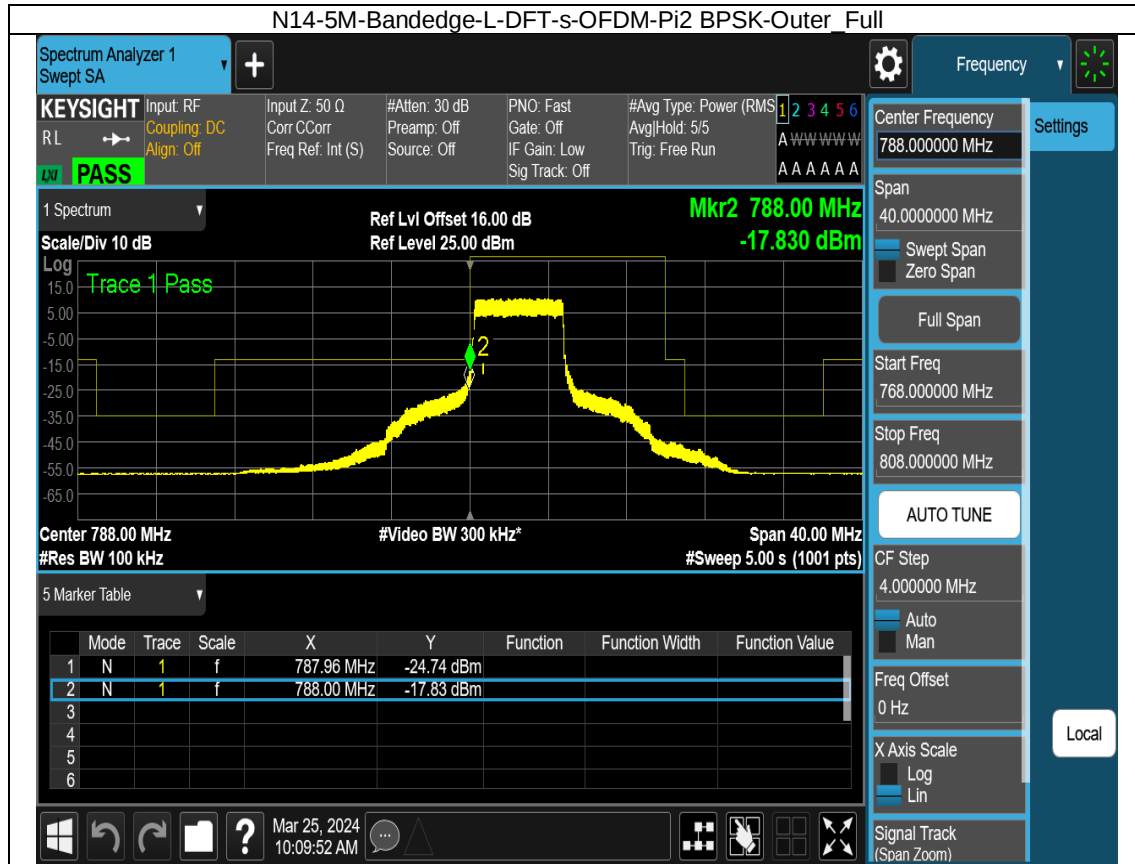
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test graph



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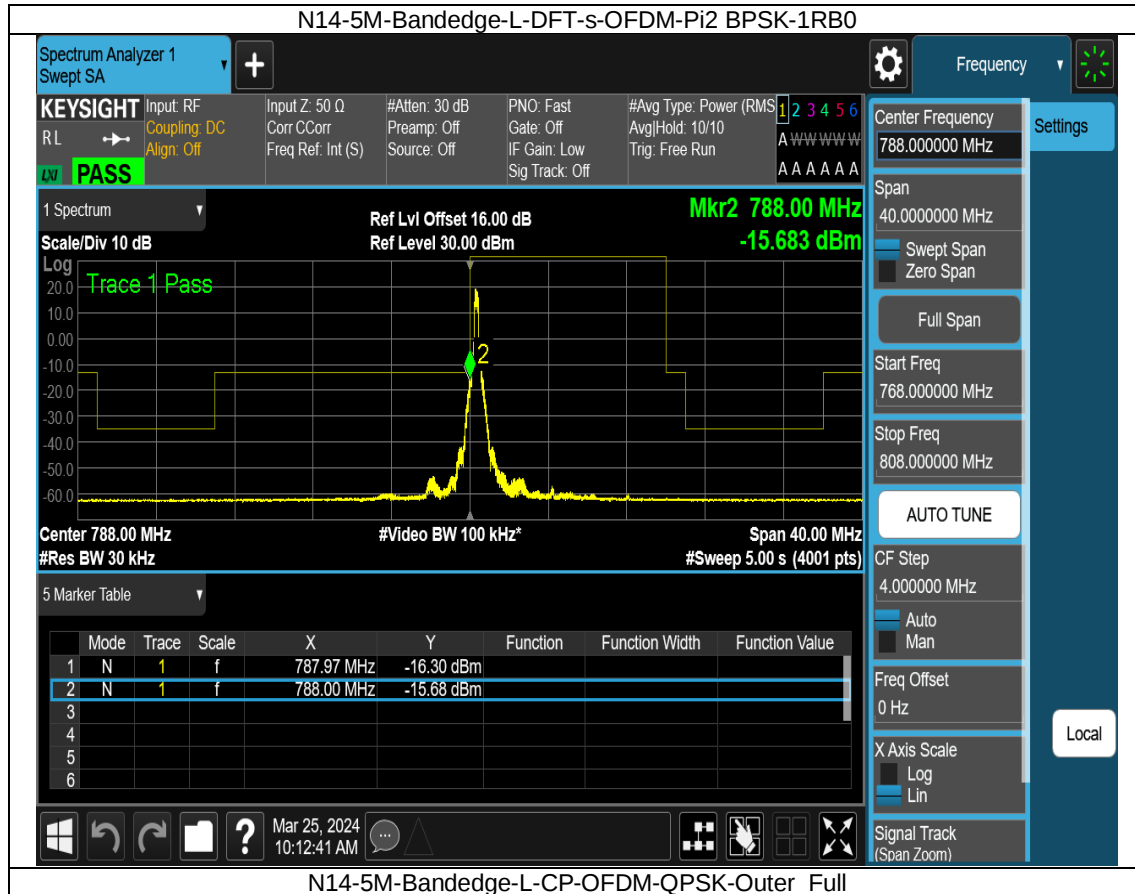


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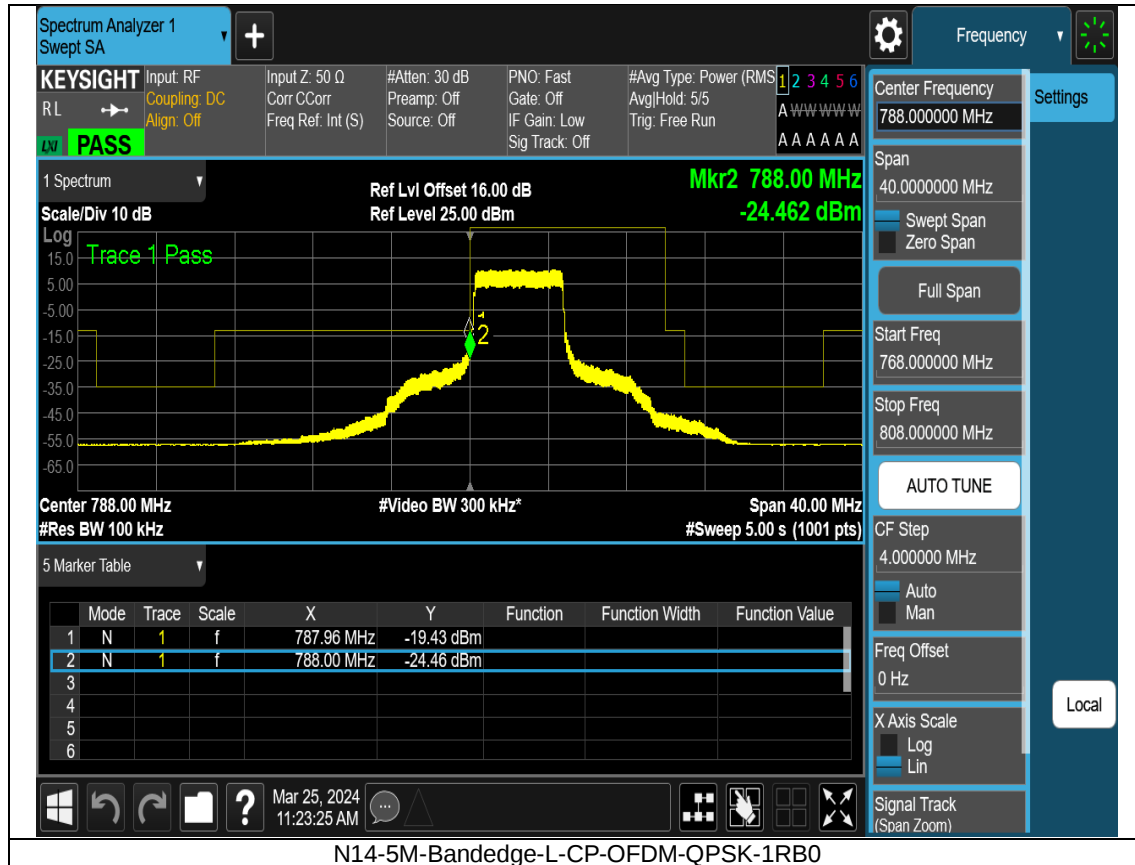


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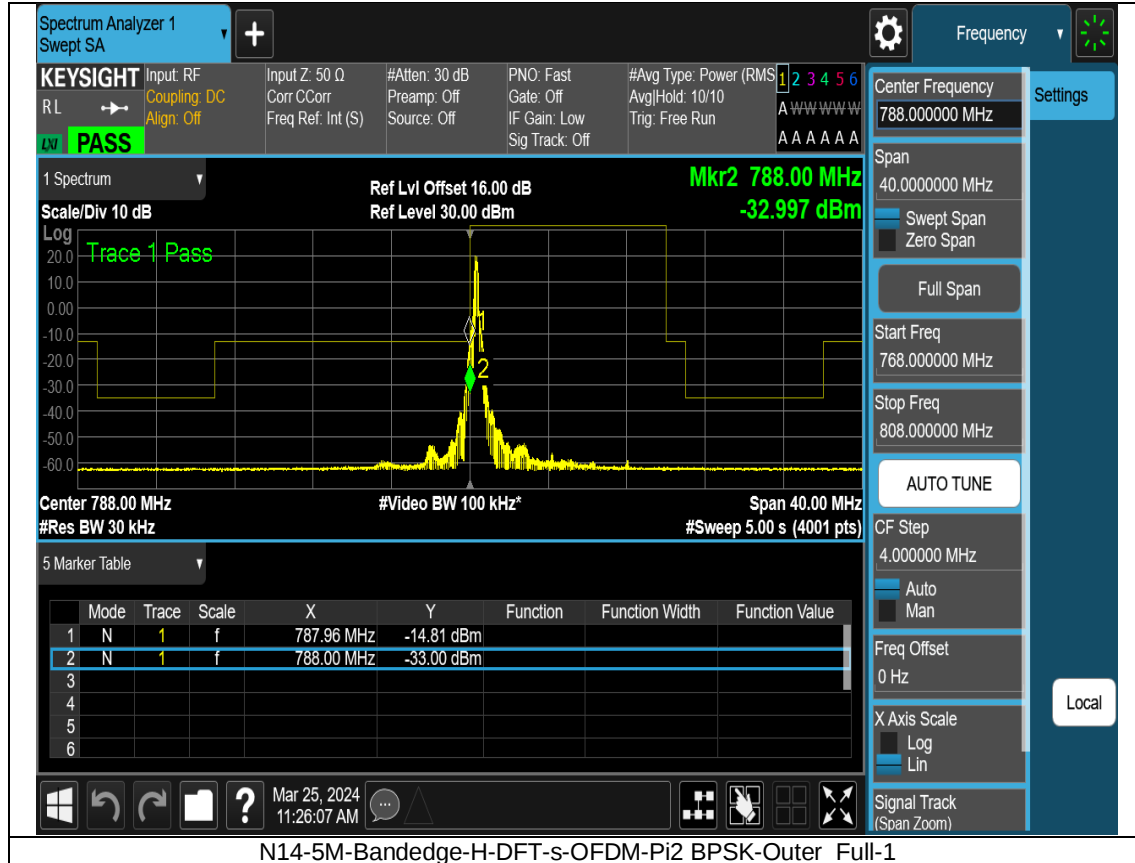


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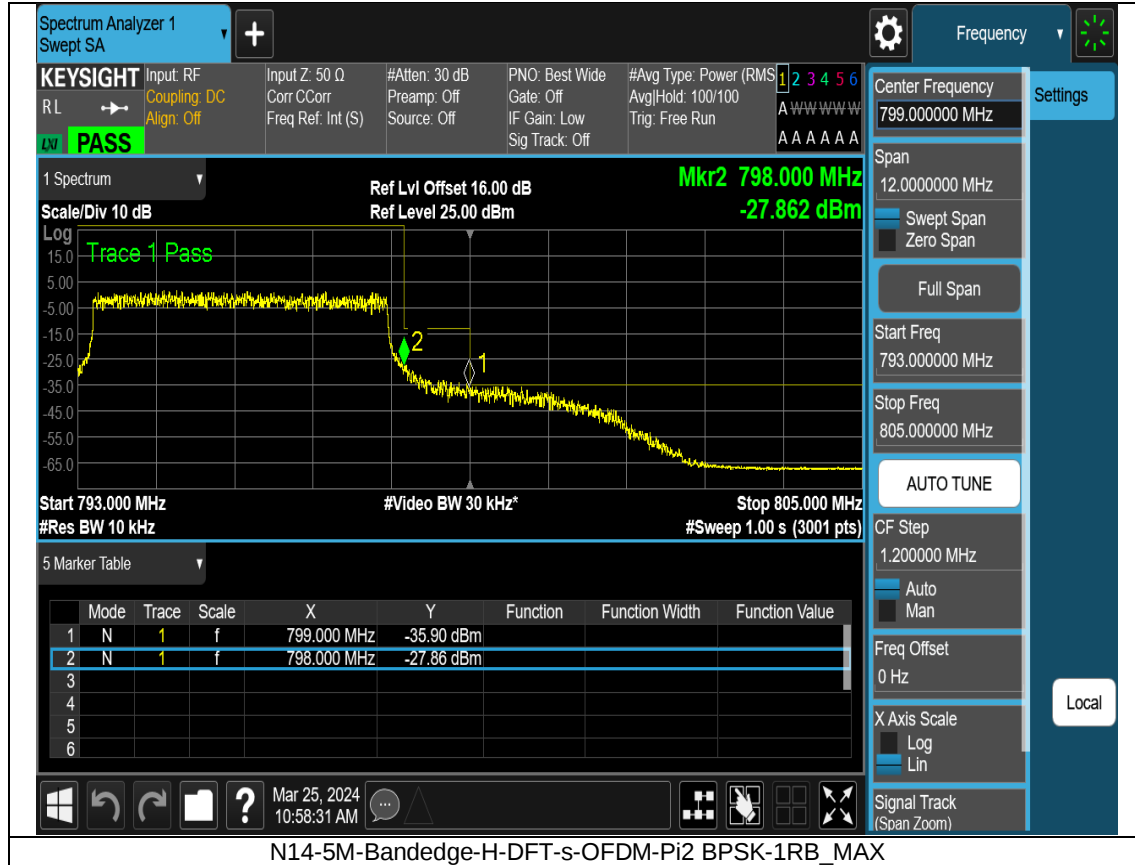


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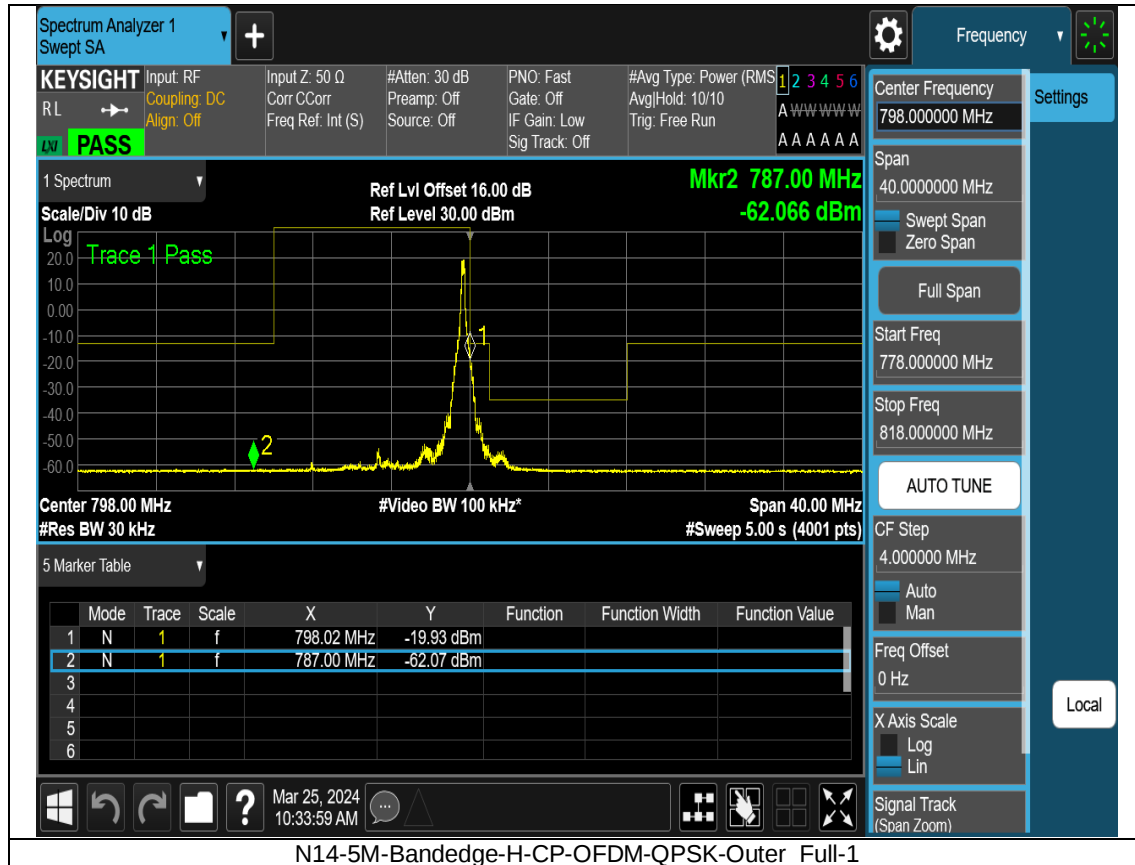


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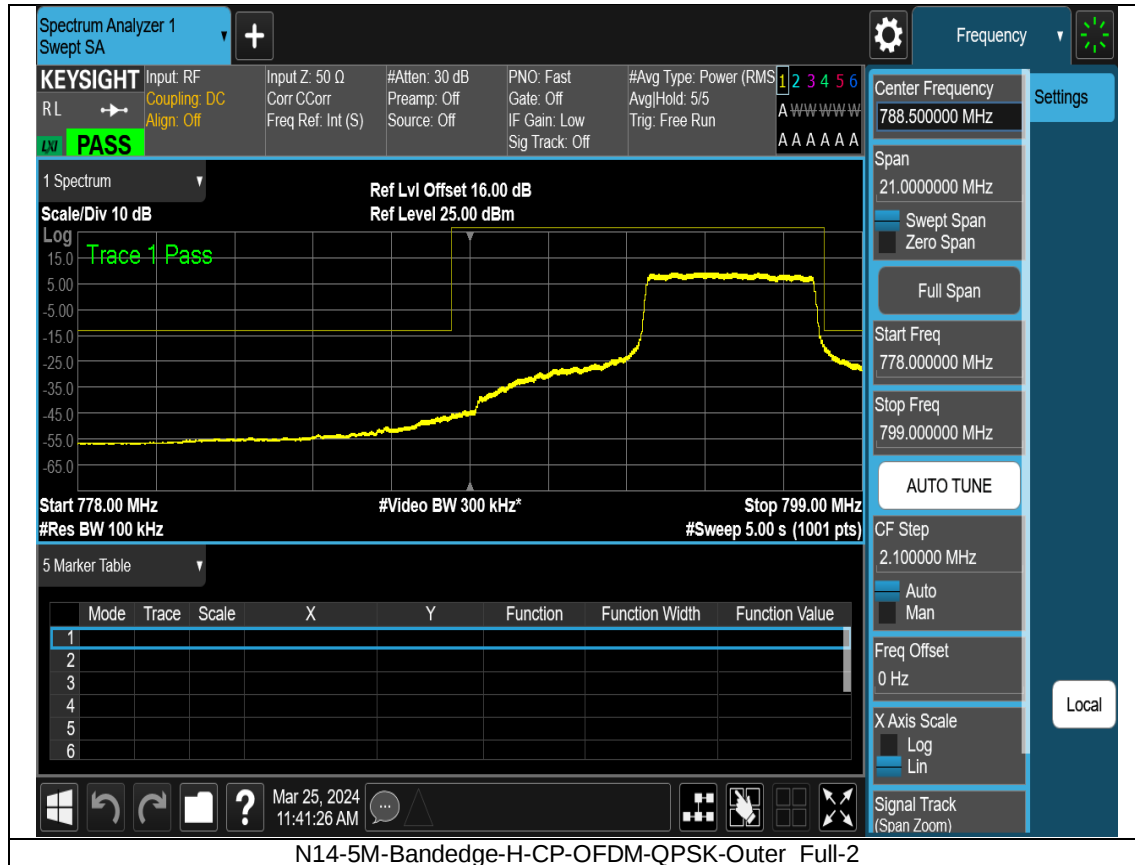


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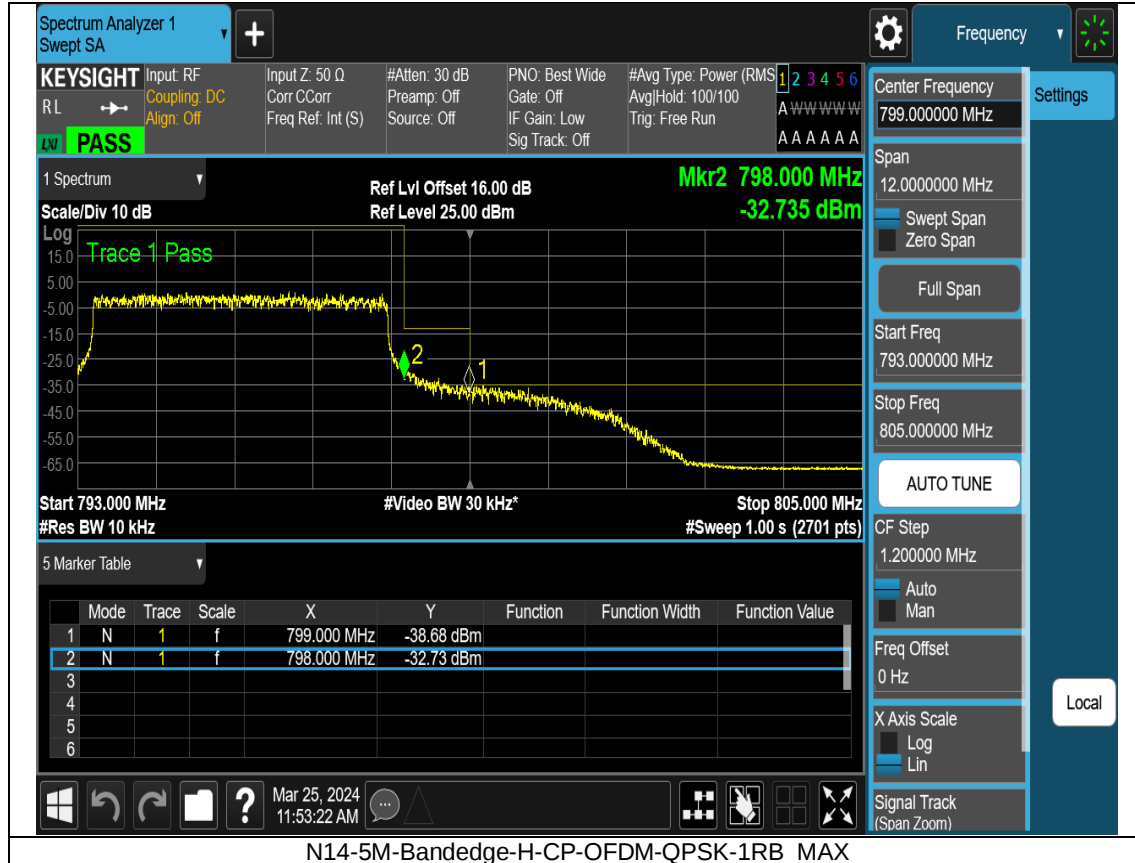


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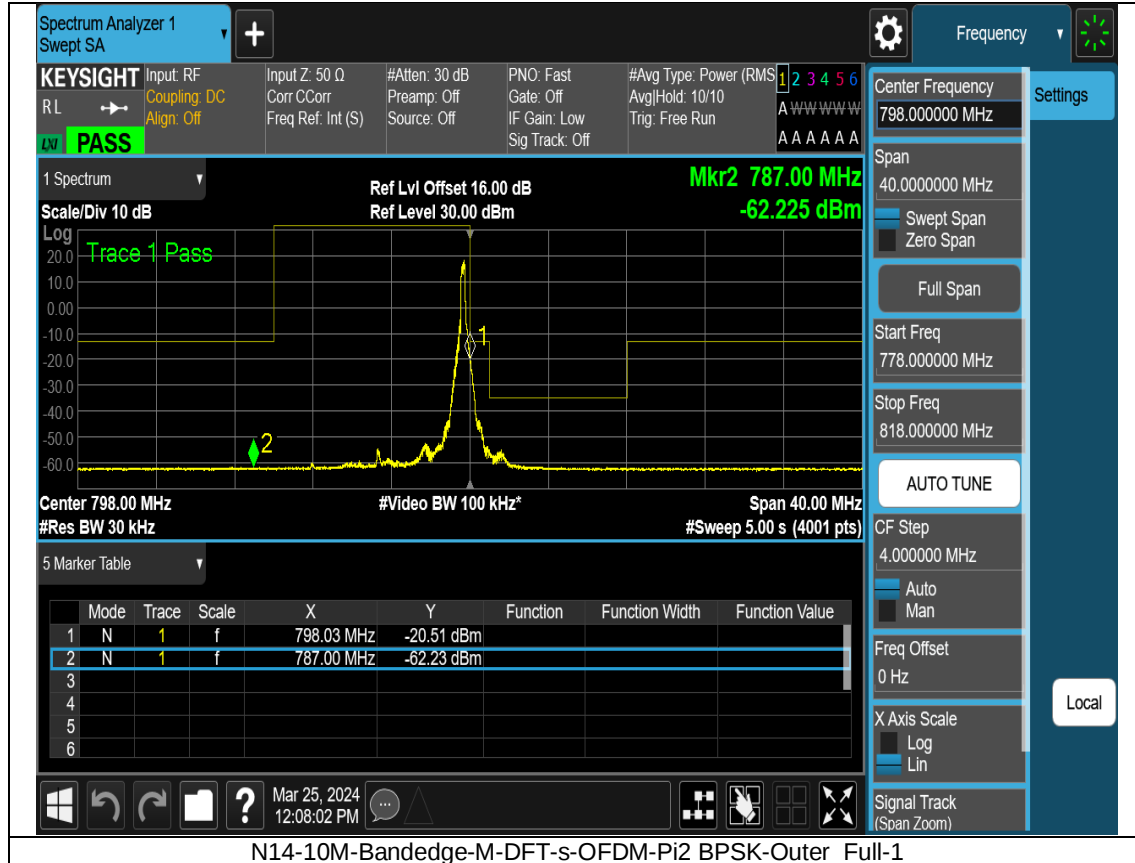


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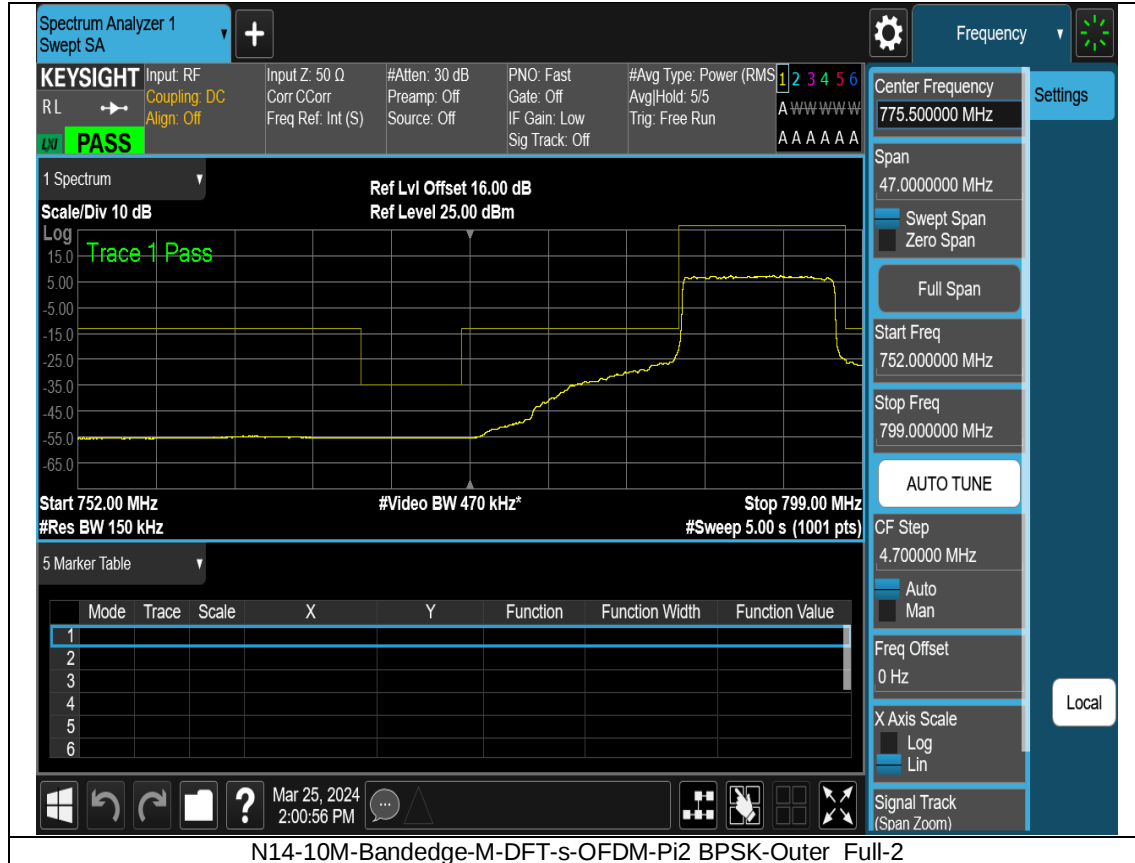


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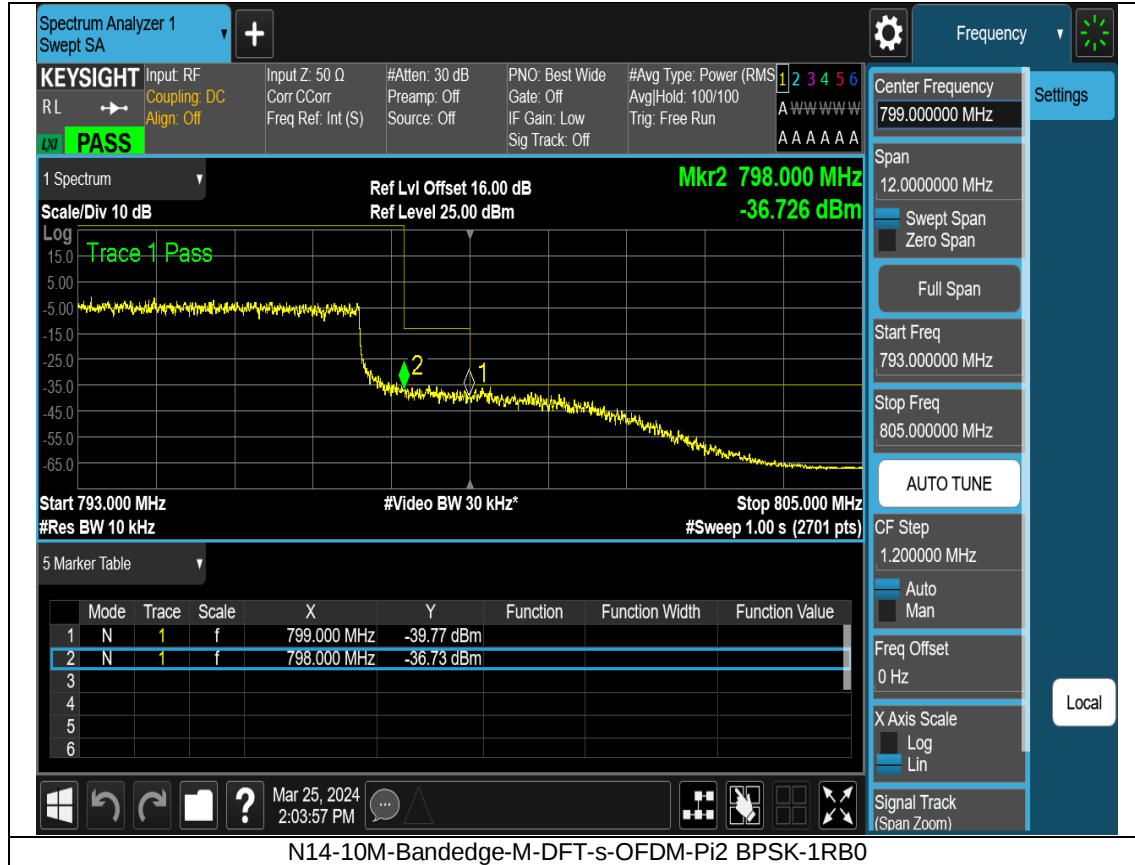


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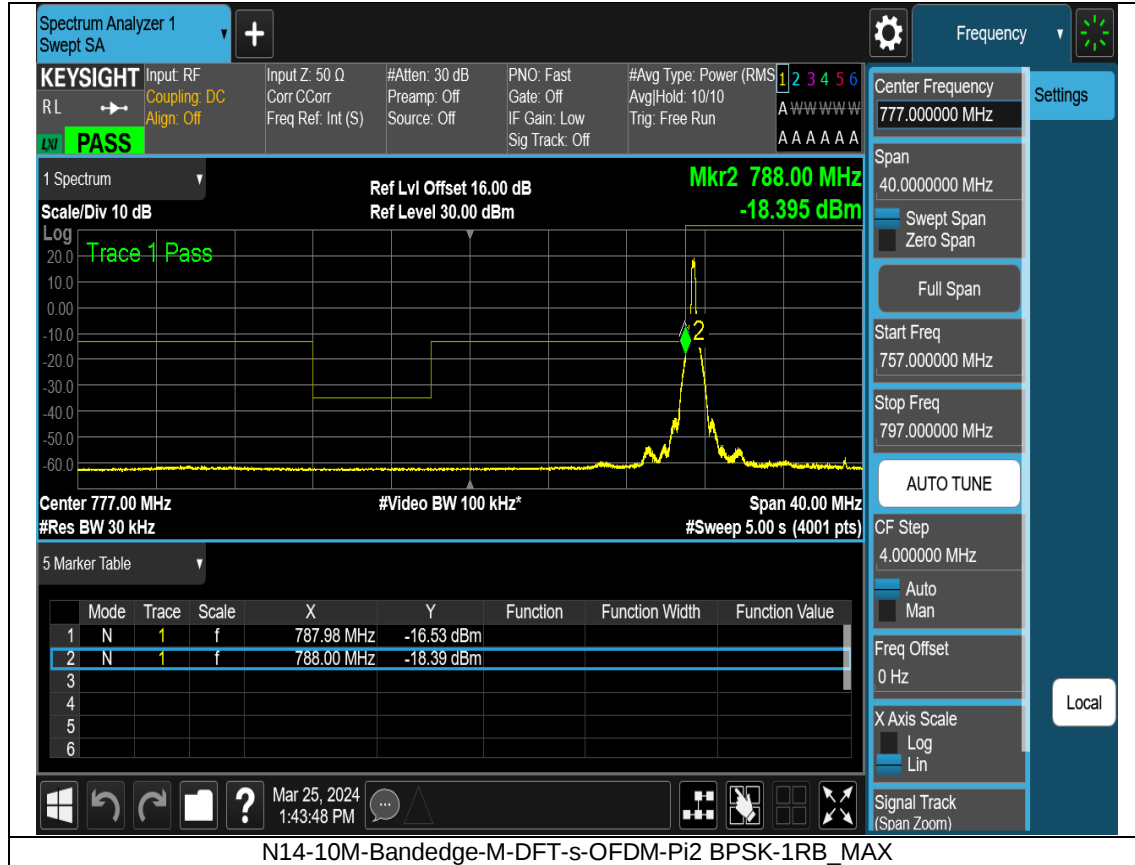


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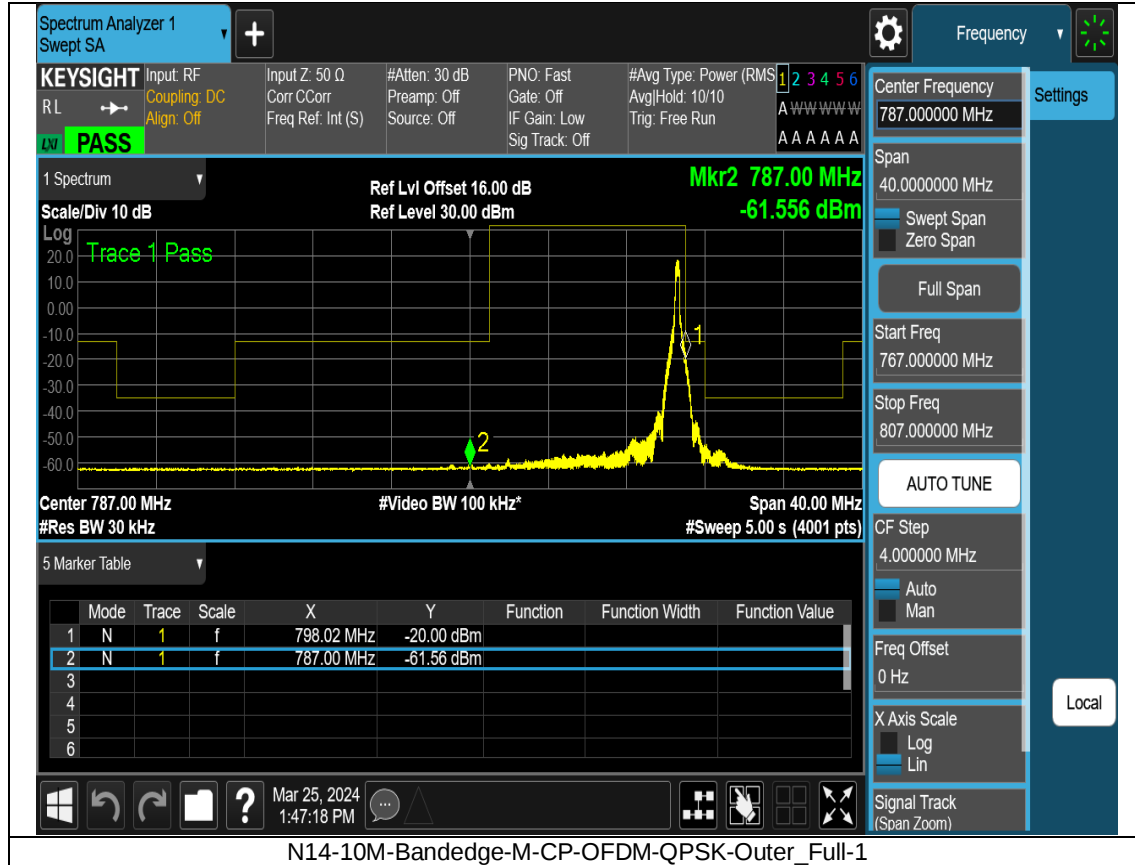


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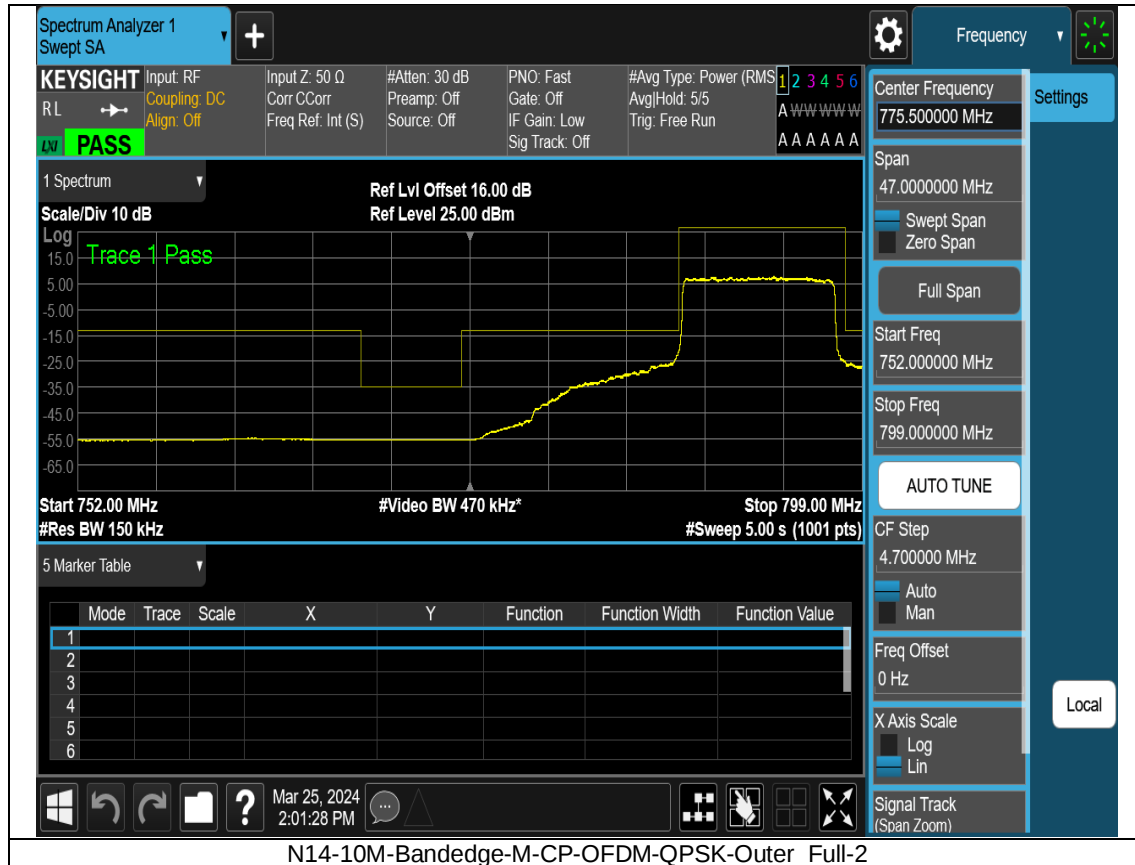


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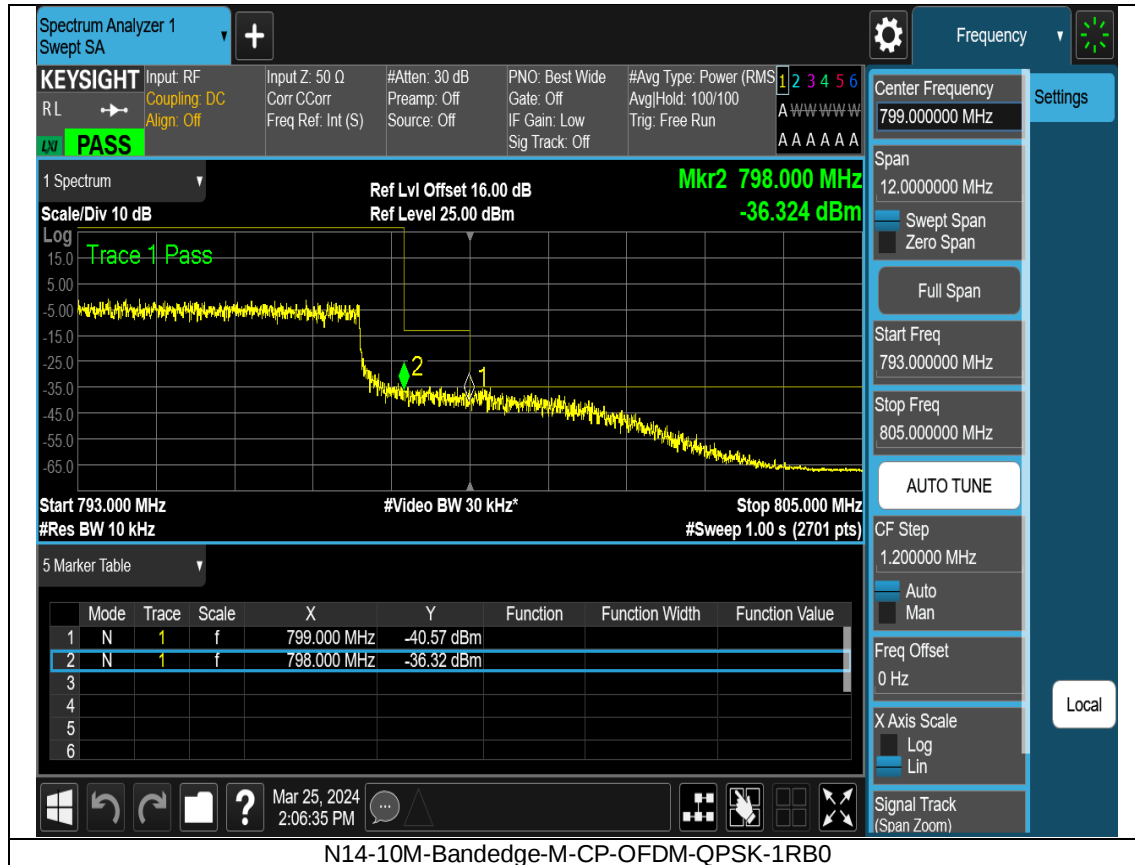


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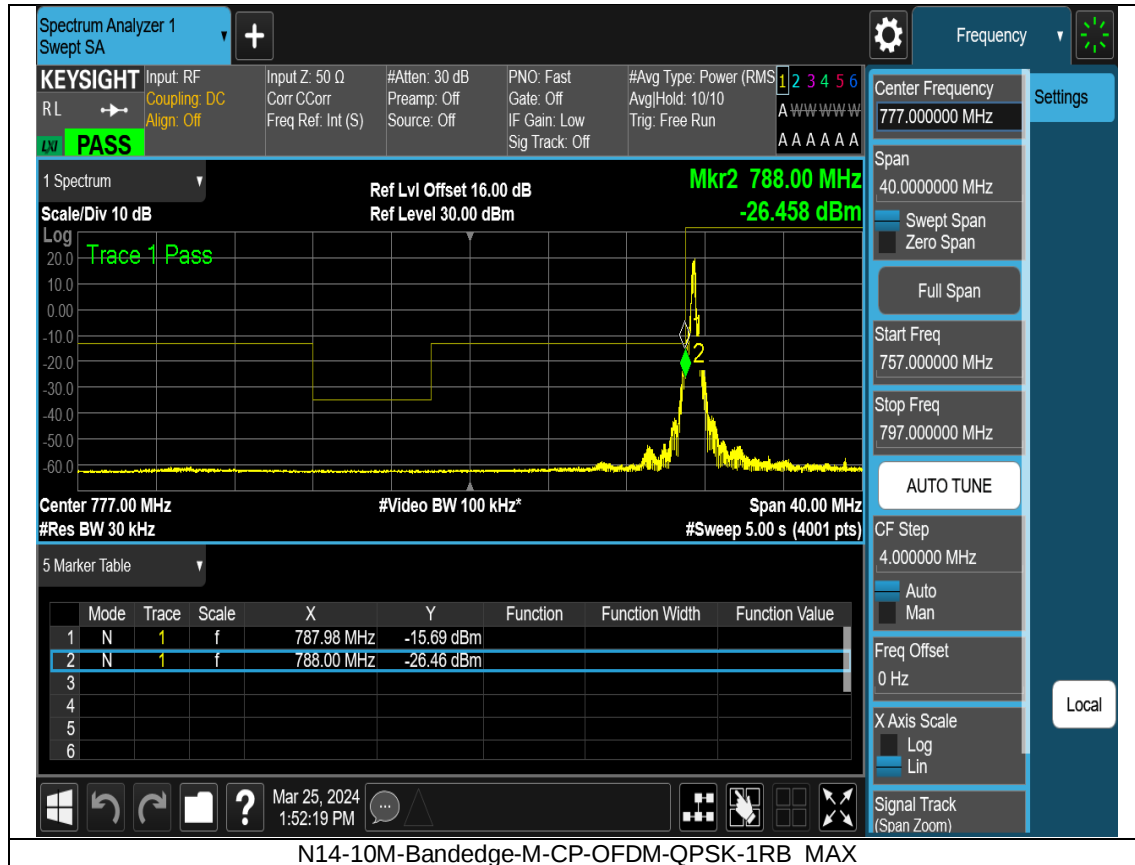


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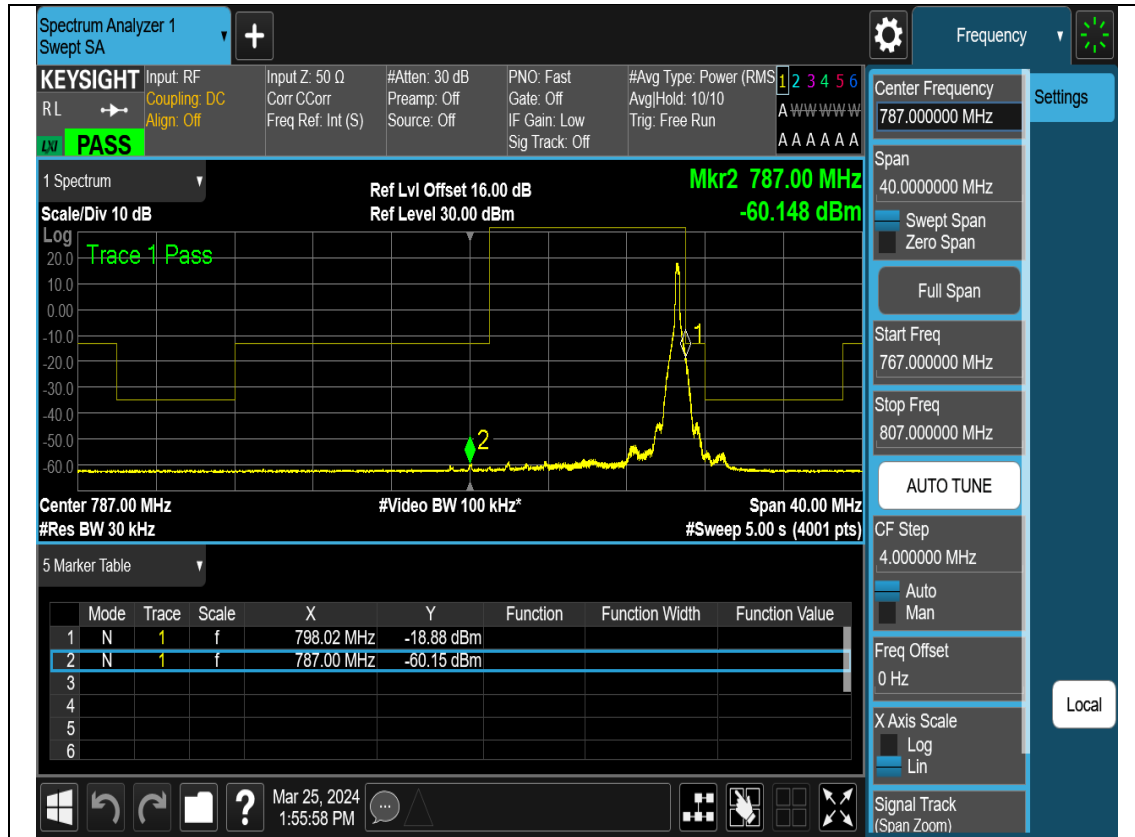


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test graph



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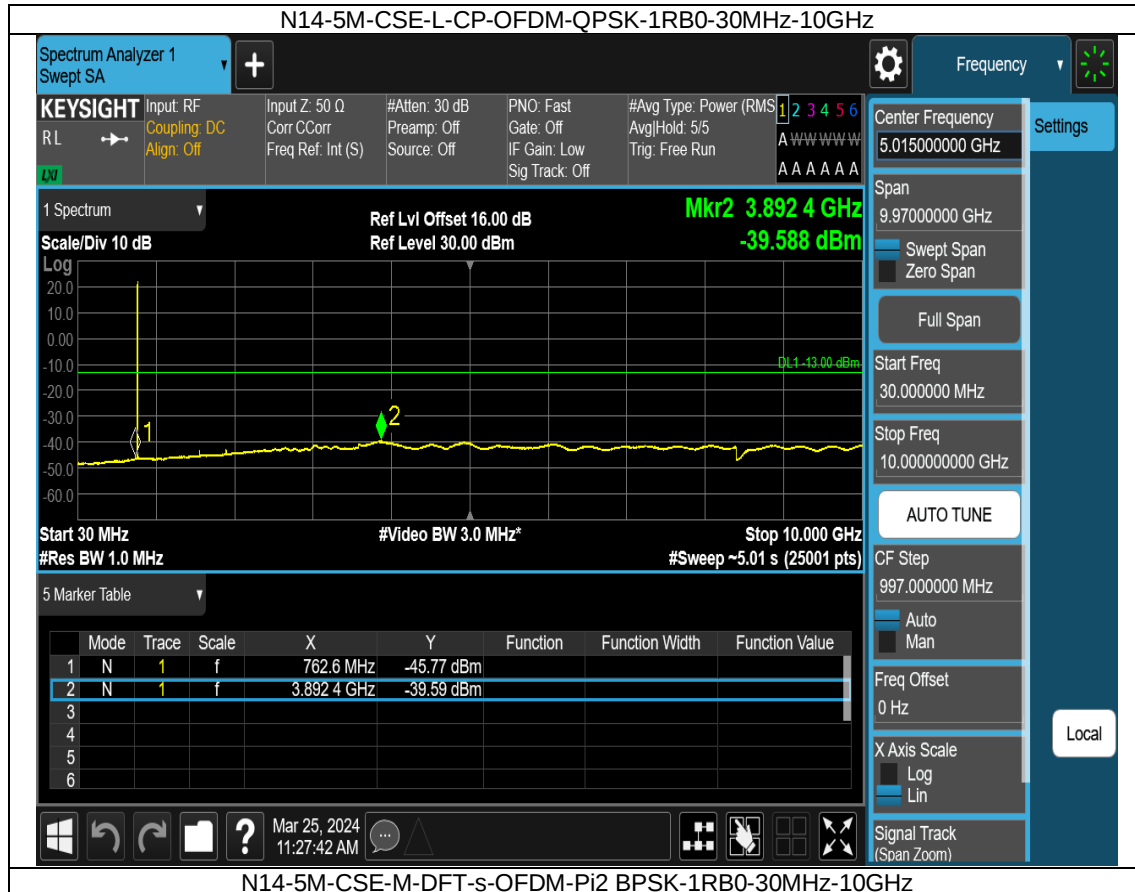


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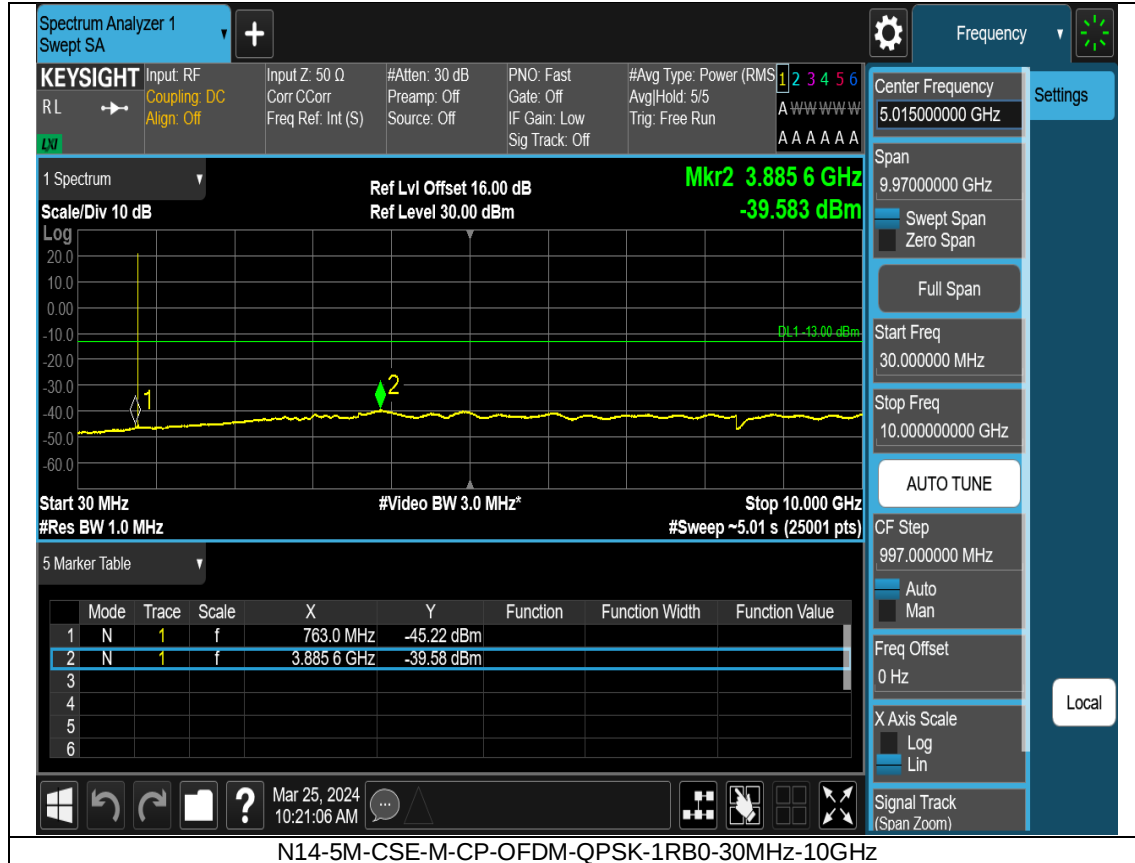


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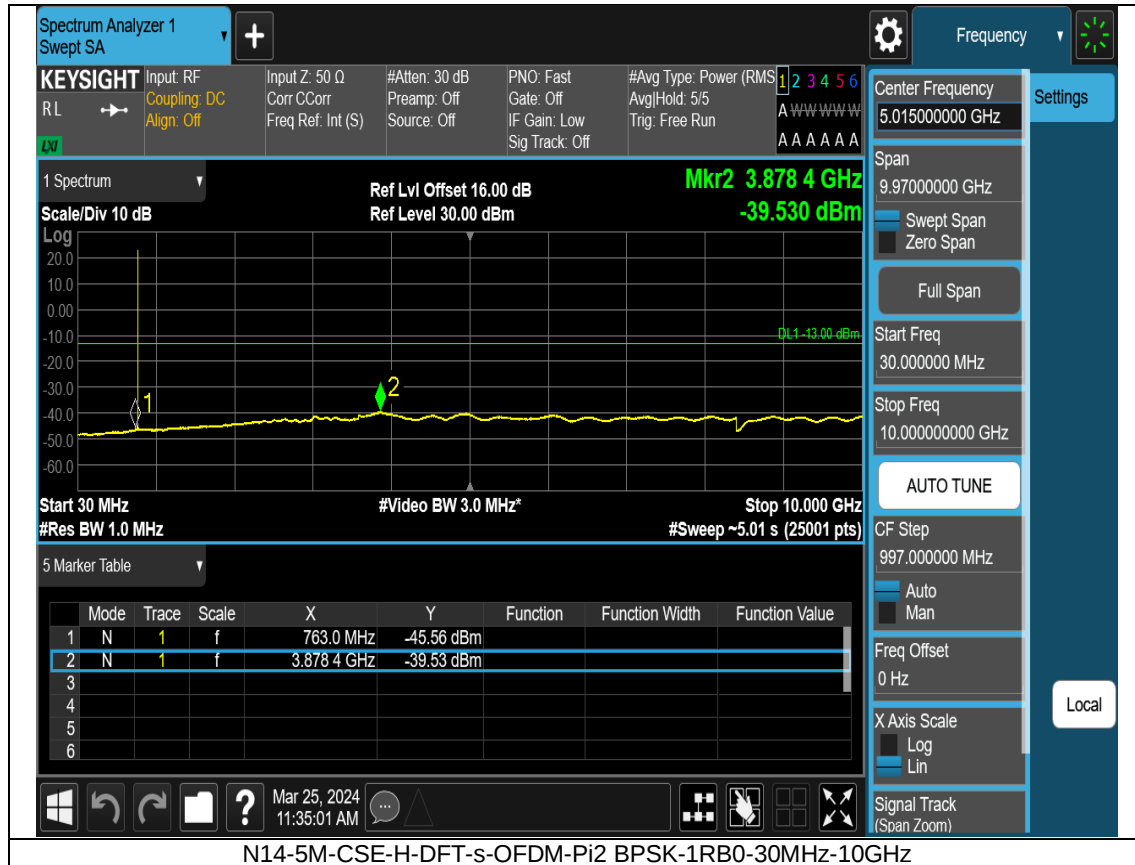


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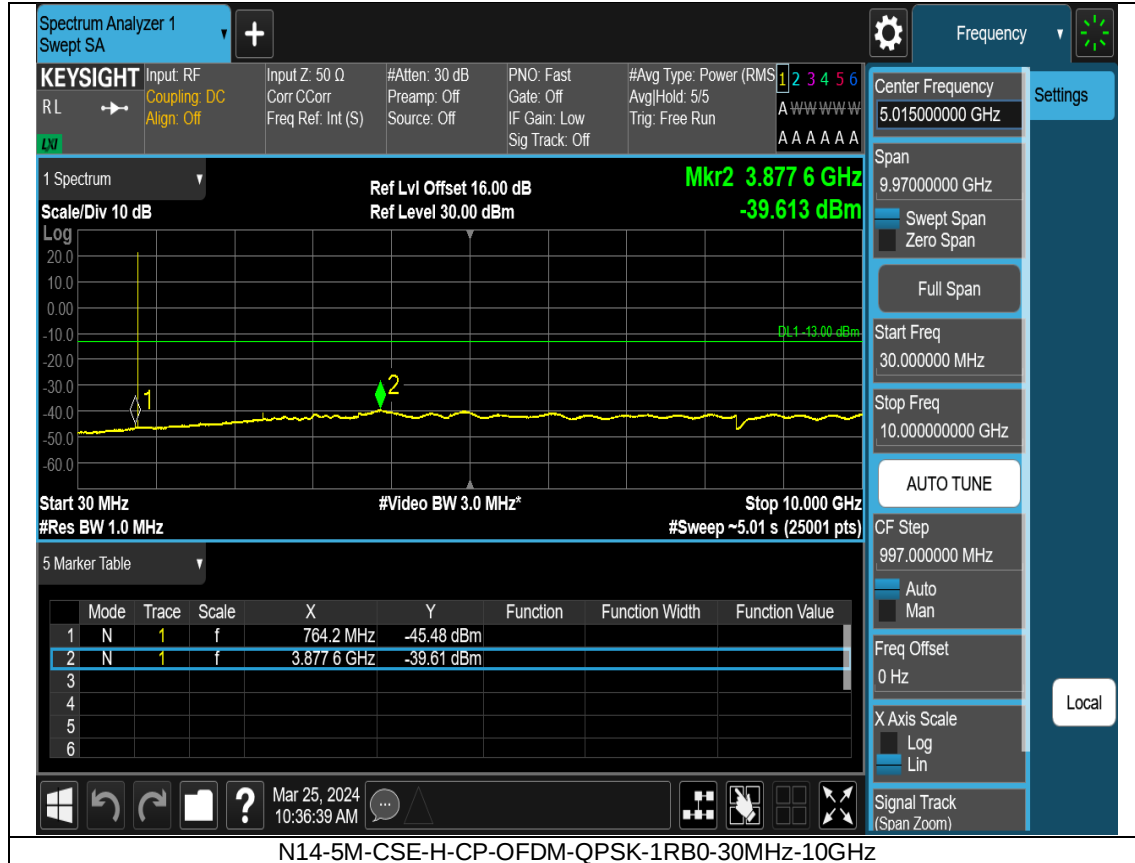


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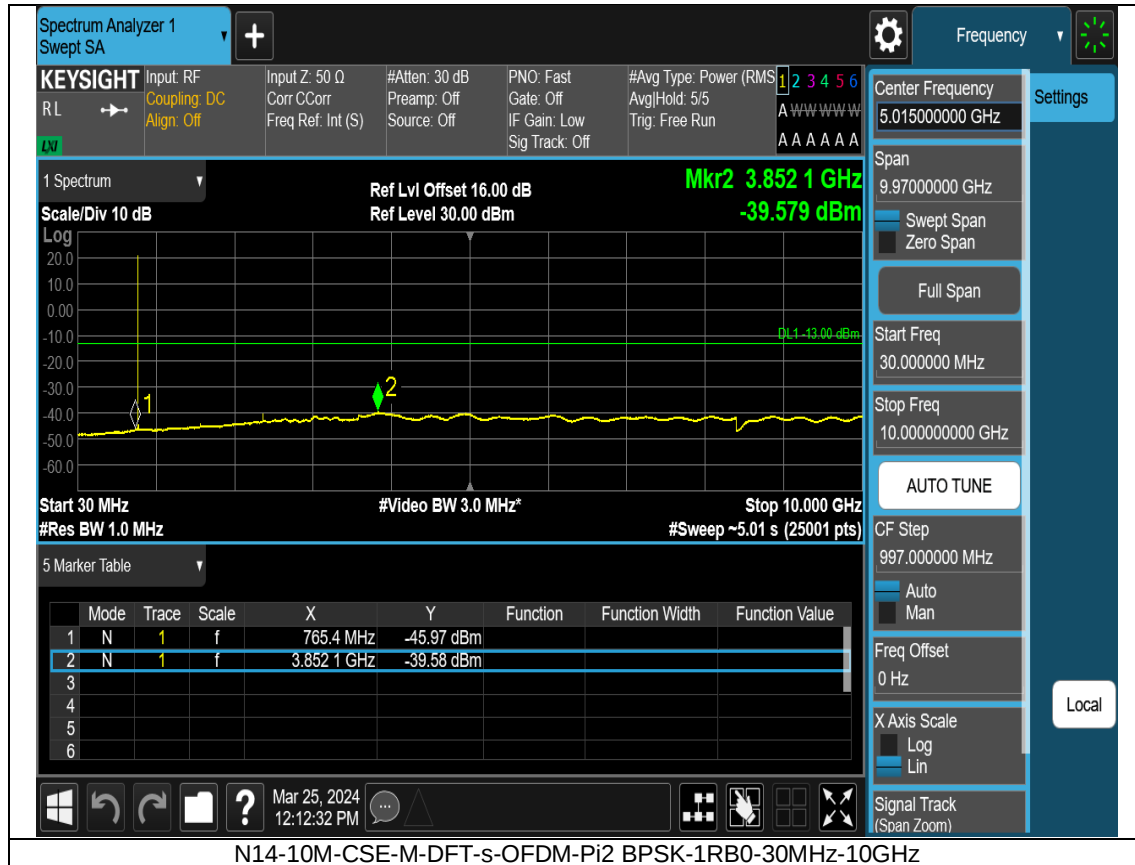


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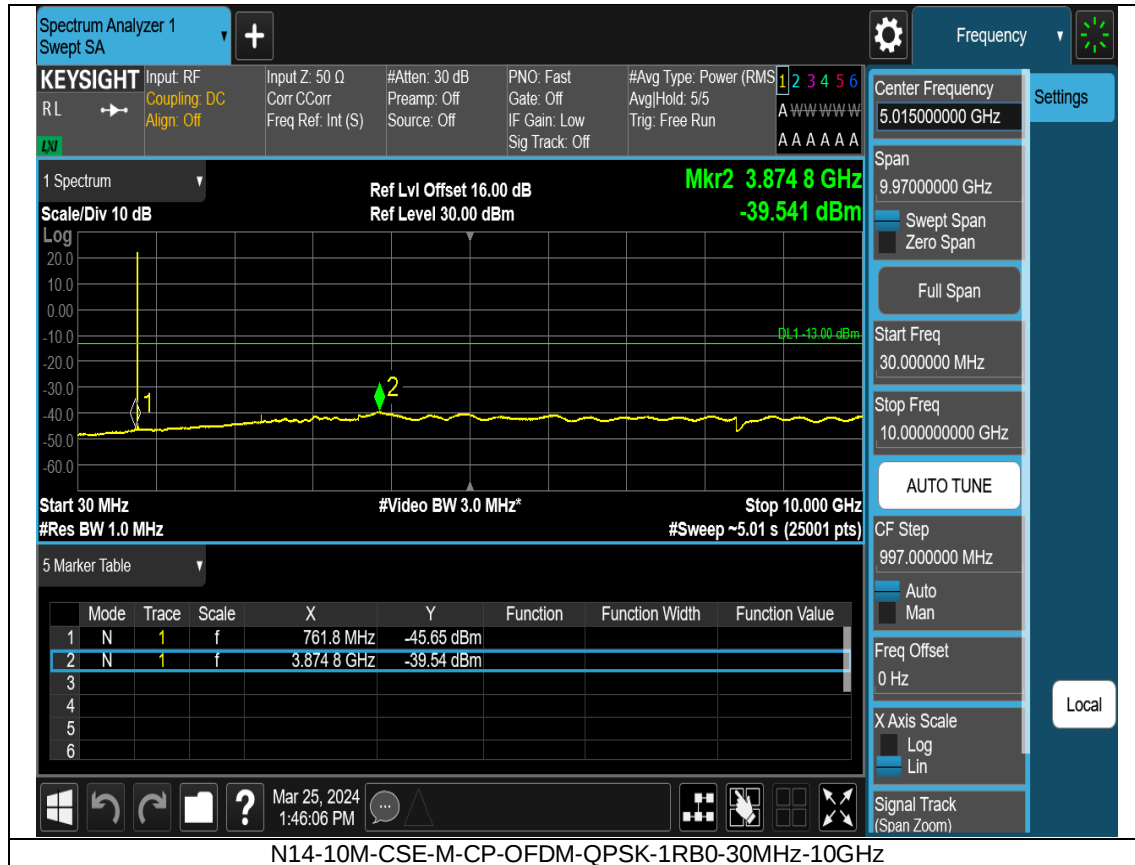


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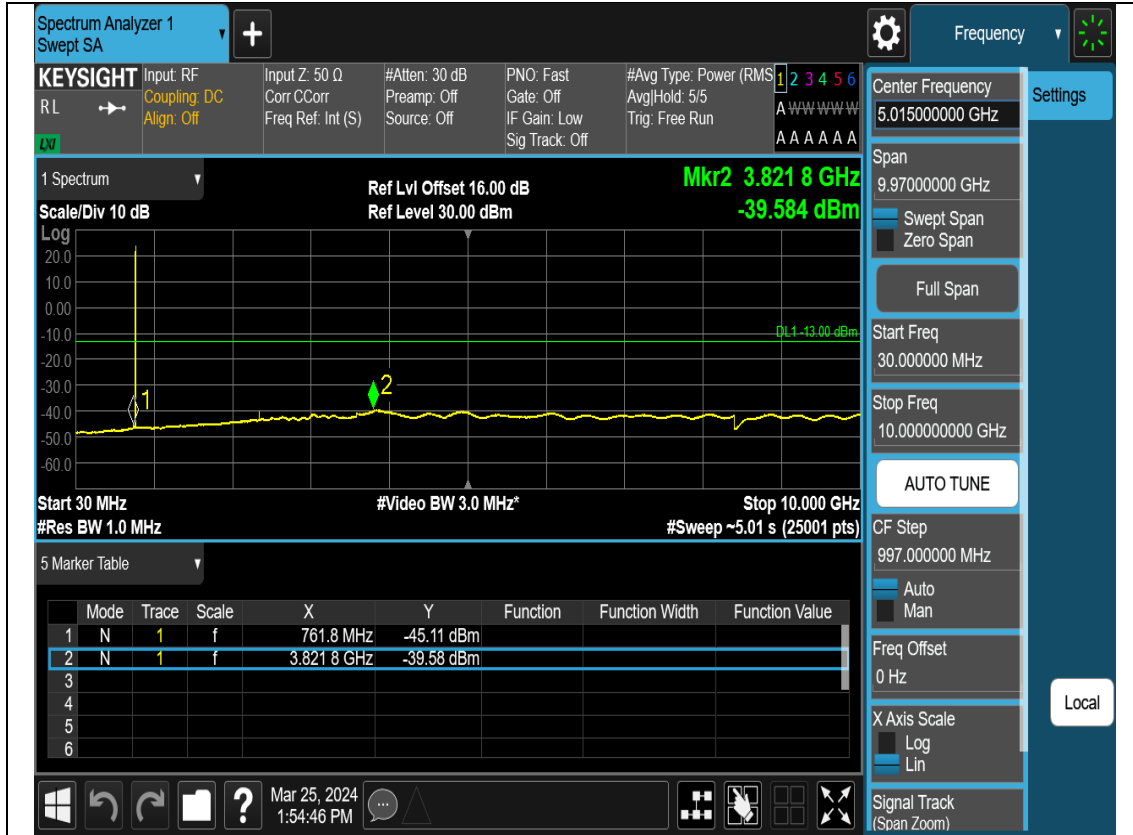


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Effective (Isotropic) Radiated Power Output Data

Bandwidth	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	23.34	23.38	34.77	Pass	2.19
			Edge_Full_Right	23.29	23.33	34.77	Pass	2.19
			Edge_1RB_Left	23.28	23.32	34.77	Pass	2.19
			Edge_1RB_Right	23.2	23.24	34.77	Pass	2.19
			Outer_Full	23.42	23.46	34.77	Pass	2.19
			Inner_Full	23.98	24.02	34.77	Pass	2.19
			Inner_1RB_Left	23.77	23.81	34.77	Pass	2.19
			Inner_1RB_Right	23.68	23.72	34.77	Pass	2.19
	DFT-s-OFDM QPSK		Edge_Full_Left	22.9	22.94	34.77	Pass	2.19
			Edge_Full_Right	22.73	22.77	34.77	Pass	2.19
			Edge_1RB_Left	22.71	22.75	34.77	Pass	2.19
			Edge_1RB_Right	22.57	22.61	34.77	Pass	2.19
			Outer_Full	22.85	22.89	34.77	Pass	2.19
			Inner_Full	23.85	23.89	34.77	Pass	2.19
			Inner_1RB_Left	23.96	24	34.77	Pass	2.19
			Inner_1RB_Right	23.83	23.87	34.77	Pass	2.19
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.81	21.85	34.77	Pass	2.19
			Edge_Full_Right	21.63	21.67	34.77	Pass	2.19
			Edge_1RB_Left	21.64	21.68	34.77	Pass	2.19
			Edge_1RB_Right	21.47	21.51	34.77	Pass	2.19
			Outer_Full	21.96	22	34.77	Pass	2.19
			Inner_Full	23.11	23.15	34.77	Pass	2.19
			Inner_1RB_Left	22.94	22.98	34.77	Pass	2.19
			Inner_1RB_Right	22.84	22.88	34.77	Pass	2.19
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.58	21.62	34.77	Pass	2.19
			Edge_Full_Right	21.41	21.45	34.77	Pass	2.19
			Edge_1RB_Left	21.6	21.64	34.77	Pass	2.19
			Edge_1RB_Right	21.51	21.55	34.77	Pass	2.19
			Outer_Full	21.43	21.47	34.77	Pass	2.19



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	CP-OFDM QPSK		Inner_Full	21.35	21.39	34.77	Pass	2.19
			Inner_1RB_Left	21.69	21.73	34.77	Pass	2.19
			Inner_1RB_Right	21.48	21.52	34.77	Pass	2.19
			Edge_Full_Left	20.87	20.91	34.77	Pass	2.19
			Edge_Full_Right	20.93	20.97	34.77	Pass	2.19
			Edge_1RB_Left	20.68	20.72	34.77	Pass	2.19
			Edge_1RB_Right	20.67	20.71	34.77	Pass	2.19
			Outer_Full	20.83	20.87	34.77	Pass	2.19
			Inner_Full	22.35	22.39	34.77	Pass	2.19
	CP-OFDM 16QAM		Inner_1RB_Left	22.46	22.5	34.77	Pass	2.19
			Inner_1RB_Right	22.3	22.34	34.77	Pass	2.19
			Edge_Full_Left	20.85	20.89	34.77	Pass	2.19
			Edge_Full_Right	20.81	20.85	34.77	Pass	2.19
			Edge_1RB_Left	20.6	20.64	34.77	Pass	2.19
			Edge_1RB_Right	20.42	20.46	34.77	Pass	2.19
			Outer_Full	20.9	20.94	34.77	Pass	2.19
			Inner_Full	21.97	22.01	34.77	Pass	2.19
			Inner_1RB_Left	22.05	22.09	34.77	Pass	2.19
			Inner_1RB_Right	21.9	21.94	34.77	Pass	2.19
	CP-OFDM 64QAM		Edge_Full_Left	20.34	20.38	34.77	Pass	2.19
			Edge_Full_Right	20.15	20.19	34.77	Pass	2.19
			Edge_1RB_Left	20.23	20.27	34.77	Pass	2.19
			Edge_1RB_Right	20.09	20.13	34.77	Pass	2.19
			Outer_Full	20.45	20.49	34.77	Pass	2.19
			Inner_Full	20.25	20.29	34.77	Pass	2.19
			Inner_1RB_Left	20.29	20.33	34.77	Pass	2.19
			Inner_1RB_Right	20.21	20.25	34.77	Pass	2.19
	DFT-s-OFDM PI/2 BPSK	793MHz	Edge_Full_Left	23.39	23.43	34.77	Pass	2.19
			Edge_Full_Right	23.27	23.31	34.77	Pass	2.19
			Edge_1RB_Left	23.28	23.32	34.77	Pass	2.19
			Edge_1RB_Right	23.08	23.12	34.77	Pass	2.19
			Outer_Full	23.38	23.42	34.77	Pass	2.19
			Inner_Full	23.82	23.86	34.77	Pass	2.19



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	DFT-s-OFDM QPSK	Inner_1RB_Left	23.78	23.82	34.77	Pass	2.19
		Inner_1RB_Right	23.6	23.64	34.77	Pass	2.19
		Edge_Full_Left	22.89	22.93	34.77	Pass	2.19
		Edge_Full_Right	22.73	22.77	34.77	Pass	2.19
DFT-s-OFDM 16QAM		Edge_1RB_Left	22.71	22.75	34.77	Pass	2.19
		Edge_1RB_Right	22.54	22.58	34.77	Pass	2.19
		Outer_Full	22.82	22.86	34.77	Pass	2.19
		Inner_Full	23.85	23.89	34.77	Pass	2.19
		Inner_1RB_Left	23.92	23.96	34.77	Pass	2.19
		Inner_1RB_Right	23.66	23.7	34.77	Pass	2.19
		Edge_Full_Left	21.8	21.84	34.77	Pass	2.19
		Edge_Full_Right	21.57	21.61	34.77	Pass	2.19
		Edge_1RB_Left	21.61	21.65	34.77	Pass	2.19
		Edge_1RB_Right	21.48	21.52	34.77	Pass	2.19
		Outer_Full	21.93	21.97	34.77	Pass	2.19
		Inner_Full	23.02	23.06	34.77	Pass	2.19
DFT-s-OFDM 64QAM		Inner_1RB_Left	22.85	22.89	34.77	Pass	2.19
		Inner_1RB_Right	22.77	22.81	34.77	Pass	2.19
		Edge_Full_Left	21.55	21.59	34.77	Pass	2.19
		Edge_Full_Right	21.42	21.46	34.77	Pass	2.19
		Edge_1RB_Left	21.62	21.66	34.77	Pass	2.19
		Edge_1RB_Right	21.42	21.46	34.77	Pass	2.19
		Outer_Full	21.38	21.42	34.77	Pass	2.19
		Inner_Full	21.34	21.38	34.77	Pass	2.19
		Inner_1RB_Left	21.65	21.69	34.77	Pass	2.19
		Inner_1RB_Right	21.46	21.5	34.77	Pass	2.19
		Edge_Full_Left	21.17	21.21	34.77	Pass	2.19
		Edge_Full_Right	20.92	20.96	34.77	Pass	2.19
CP-OFDM QPSK		Edge_1RB_Left	20.68	20.72	34.77	Pass	2.19
		Edge_1RB_Right	20.68	20.72	34.77	Pass	2.19
		Outer_Full	20.78	20.82	34.77	Pass	2.19
		Inner_Full	22.26	22.3	34.77	Pass	2.19
		Inner_1RB_Left	22.41	22.45	34.77	Pass	2.19



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CP-OFDM 16QAM	Inner_1RB_Right	22.45	22.49	34.77	Pass	2.19
	Edge_Full_Left	20.85	20.89	34.77	Pass	2.19
CP-OFDM 64QAM	Edge_Full_Right	20.69	20.73	34.77	Pass	2.19
	Edge_1RB_Left	20.57	20.61	34.77	Pass	2.19
	Edge_1RB_Right	20.42	20.46	34.77	Pass	2.19
	Outer_Full	20.86	20.9	34.77	Pass	2.19
	Inner_Full	21.86	21.9	34.77	Pass	2.19
	Inner_1RB_Left	21.95	21.99	34.77	Pass	2.19
	Inner_1RB_Right	21.86	21.9	34.77	Pass	2.19
	Edge_Full_Left	20.31	20.35	34.77	Pass	2.19
	Edge_Full_Right	20.14	20.18	34.77	Pass	2.19
	Edge_1RB_Left	20.28	20.32	34.77	Pass	2.19
DFT-s-OFDM PI/2 BPSK	Edge_1RB_Right	20.07	20.11	34.77	Pass	2.19
	Outer_Full	20.41	20.45	34.77	Pass	2.19
	Inner_Full	20.23	20.27	34.77	Pass	2.19
	Inner_1RB_Left	20.34	20.38	34.77	Pass	2.19
	Inner_1RB_Right	20.08	20.12	34.77	Pass	2.19
	Edge_Full_Left	23.4	23.44	34.77	Pass	2.19
	Edge_Full_Right	23.28	23.32	34.77	Pass	2.19
	Edge_1RB_Left	23.19	23.23	34.77	Pass	2.19
	Edge_1RB_Right	23.19	23.23	34.77	Pass	2.19
	Outer_Full	23.31	23.35	34.77	Pass	2.19
DFT-s-OFDM QPSK	Inner_Full	23.82	23.86	34.77	Pass	2.19
	Inner_1RB_Left	23.71	23.75	34.77	Pass	2.19
	Inner_1RB_Right	23.83	23.87	34.77	Pass	2.19
	Edge_Full_Left	22.83	22.87	34.77	Pass	2.19
	Edge_Full_Right	22.84	22.88	34.77	Pass	2.19
	Edge_1RB_Left	22.66	22.7	34.77	Pass	2.19
	Edge_1RB_Right	22.64	22.68	34.77	Pass	2.19
	Outer_Full	22.85	22.89	34.77	Pass	2.19
	Inner_Full	23.85	23.89	34.77	Pass	2.19
	Inner_1RB_Left	23.85	23.89	34.77	Pass	2.19
	Inner_1RB_Right	23.89	23.93	34.77	Pass	2.19



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DFT-s-OFDM 16QAM	Edge_Full_Left	21.67	21.71	34.77	Pass	2.19
	Edge_Full_Right	21.67	21.71	34.77	Pass	2.19
	Edge_1RB_Left	21.59	21.63	34.77	Pass	2.19
	Edge_1RB_Right	21.56	21.6	34.77	Pass	2.19
DFT-s-OFDM 64QAM	Outer_Full	21.88	21.92	34.77	Pass	2.19
	Inner_Full	22.96	23	34.77	Pass	2.19
	Inner_1RB_Left	22.88	22.92	34.77	Pass	2.19
	Inner_1RB_Right	22.95	22.99	34.77	Pass	2.19
CP-OFDM QPSK	Edge_Full_Left	21.53	21.57	34.77	Pass	2.19
	Edge_Full_Right	21.52	21.56	34.77	Pass	2.19
	Edge_1RB_Left	21.54	21.58	34.77	Pass	2.19
	Edge_1RB_Right	21.52	21.56	34.77	Pass	2.19
CP-OFDM 16QAM	Outer_Full	21.34	21.38	34.77	Pass	2.19
	Inner_Full	21.35	21.39	34.77	Pass	2.19
	Inner_1RB_Left	21.55	21.59	34.77	Pass	2.19
	Inner_1RB_Right	21.56	21.6	34.77	Pass	2.19
CP-OFDM 64QAM	Edge_Full_Left	21.04	21.08	34.77	Pass	2.19
	Edge_Full_Right	21.09	21.13	34.77	Pass	2.19
	Edge_1RB_Left	20.5	20.54	34.77	Pass	2.19
	Edge_1RB_Right	20.5	20.54	34.77	Pass	2.19
	Outer_Full	20.76	20.8	34.77	Pass	2.19
	Inner_Full	22.24	22.28	34.77	Pass	2.19
	Inner_1RB_Left	22.44	22.48	34.77	Pass	2.19
	Inner_1RB_Right	22.41	22.45	34.77	Pass	2.19
	Edge_Full_Left	20.81	20.85	34.77	Pass	2.19
	Edge_Full_Right	20.93	20.97	34.77	Pass	2.19
	Edge_1RB_Left	20.43	20.47	34.77	Pass	2.19
	Edge_1RB_Right	20.5	20.54	34.77	Pass	2.19
	Outer_Full	20.92	20.96	34.77	Pass	2.19
	Inner_Full	21.88	21.92	34.77	Pass	2.19
	Inner_1RB_Left	21.99	22.03	34.77	Pass	2.19
	Inner_1RB_Right	21.96	22	34.77	Pass	2.19
	Edge_Full_Left	20.29	20.33	34.77	Pass	2.19



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10MHz			Edge_Full_Right	20.29	20.33	34.77	Pass	2.19	
			Edge_1RB_Left	20.03	20.07	34.77	Pass	2.19	
			Edge_1RB_Right	20.22	20.26	34.77	Pass	2.19	
			Outer_Full	20.39	20.43	34.77	Pass	2.19	
			Inner_Full	20.3	20.34	34.77	Pass	2.19	
			Inner_1RB_Left	20.14	20.18	34.77	Pass	2.19	
			Inner_1RB_Right	20.13	20.17	34.77	Pass	2.19	
		DFT-s-OFDM PI/2 BPSK	793MHz	Edge_Full_Left	23.36	23.4	34.77	Pass	2.19
				Edge_Full_Right	23.32	23.36	34.77	Pass	2.19
				Edge_1RB_Left	23.31	23.35	34.77	Pass	2.19
				Edge_1RB_Right	23.29	23.33	34.77	Pass	2.19
				Outer_Full	23.5	23.54	34.77	Pass	2.19
				Inner_Full	23.9	23.94	34.77	Pass	2.19
				Inner_1RB_Left	23.84	23.88	34.77	Pass	2.19
				Inner_1RB_Right	23.73	23.77	34.77	Pass	2.19
		DFT-s-OFDM QPSK		Edge_Full_Left	22.92	22.96	34.77	Pass	2.19
				Edge_Full_Right	22.71	22.75	34.77	Pass	2.19
				Edge_1RB_Left	22.96	23	34.77	Pass	2.19
				Edge_1RB_Right	22.52	22.56	34.77	Pass	2.19
				Outer_Full	23.05	23.09	34.77	Pass	2.19
				Inner_Full	23.89	23.93	34.77	Pass	2.19
				Inner_1RB_Left	23.91	23.95	34.77	Pass	2.19
				Inner_1RB_Right	23.66	23.7	34.77	Pass	2.19
		DFT-s-OFDM 16QAM		Edge_Full_Left	21.73	21.77	34.77	Pass	2.19
				Edge_Full_Right	21.56	21.6	34.77	Pass	2.19
				Edge_1RB_Left	21.8	21.84	34.77	Pass	2.19
				Edge_1RB_Right	21.58	21.62	34.77	Pass	2.19
				Outer_Full	22.03	22.07	34.77	Pass	2.19
				Inner_Full	22.99	23.03	34.77	Pass	2.19
				Inner_1RB_Left	22.95	22.99	34.77	Pass	2.19
				Inner_1RB_Right	22.68	22.72	34.77	Pass	2.19
		DFT-s-OFDM 64QAM		Edge_Full_Left	21.55	21.59	34.77	Pass	2.19
				Edge_Full_Right	21.48	21.52	34.77	Pass	2.19



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		Edge_1RB_Left	21.5	21.54	34.77	Pass	2.19
		Edge_1RB_Right	21.38	21.42	34.77	Pass	2.19
		Outer_Full	21.57	21.61	34.77	Pass	2.19
CP-OFDM QPSK		Inner_Full	21.36	21.4	34.77	Pass	2.19
		Inner_1RB_Left	21.56	21.6	34.77	Pass	2.19
		Inner_1RB_Right	21.25	21.29	34.77	Pass	2.19
		Edge_Full_Left	20.84	20.88	34.77	Pass	2.19
		Edge_Full_Right	20.71	20.75	34.77	Pass	2.19
		Edge_1RB_Left	21.02	21.06	34.77	Pass	2.19
		Edge_1RB_Right	21	21.04	34.77	Pass	2.19
		Outer_Full	21.03	21.07	34.77	Pass	2.19
		Inner_Full	22.47	22.51	34.77	Pass	2.19
		Inner_1RB_Left	22.67	22.71	34.77	Pass	2.19
		Inner_1RB_Right	22.51	22.55	34.77	Pass	2.19
		Edge_Full_Left	20.84	20.88	34.77	Pass	2.19
CP-OFDM 16QAM		Edge_Full_Right	20.72	20.76	34.77	Pass	2.19
		Edge_1RB_Left	21	21.04	34.77	Pass	2.19
		Edge_1RB_Right	20.82	20.86	34.77	Pass	2.19
		Outer_Full	20.98	21.02	34.77	Pass	2.19
		Inner_Full	21.92	21.96	34.77	Pass	2.19
		Inner_1RB_Left	22.04	22.08	34.77	Pass	2.19
		Inner_1RB_Right	21.9	21.94	34.77	Pass	2.19
		Edge_Full_Left	20.4	20.44	34.77	Pass	2.19
		Edge_Full_Right	20.35	20.39	34.77	Pass	2.19
		Edge_1RB_Left	20.32	20.36	34.77	Pass	2.19
		Edge_1RB_Right	20.14	20.18	34.77	Pass	2.19
		Outer_Full	20.58	20.62	34.77	Pass	2.19
CP-OFDM 64QAM		Inner_Full	20.42	20.46	34.77	Pass	2.19
		Inner_1RB_Left	20.33	20.37	34.77	Pass	2.19
		Inner_1RB_Right	20.03	20.07	34.77	Pass	2.19



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Frequency Stability

Bandwidth	Modulation	Frequency(MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Result (ppm)	Verdict
5MHz	DFT-s-OFDM PI/2 BPSK	793	Outer_Full	20	LV	-9.35	-0.0050	Pass
					HV	2.68	0.0014	Pass
				-30	NV	3.45	0.0018	Pass
				-20	NV	2.45	0.0013	Pass
				-10	NV	7.35	0.0039	Pass
				0	NV	7.52	0.0040	Pass
				10	NV	-7.8	-0.0041	Pass
				20	NV	9.77	0.0052	Pass
				30	NV	2.77	0.0015	Pass
				40	NV	3.34	0.0018	Pass
	50			NV	-8.72	-0.0046	Pass	
	CP-OFDM QPSK			20	LV	9.53	0.0051	Pass
					HV	2.89	0.0015	Pass
				-30	NV	8.65	0.0046	Pass
				-20	NV	6.24	0.0033	Pass
				-10	NV	9.53	0.0051	Pass
				0	NV	-4.56	-0.0024	Pass
				10	NV	-3.31	-0.0018	Pass
				20	NV	-6.23	-0.0033	Pass
				30	NV	2.22	0.0012	Pass
40		NV	-4.38	-0.0023	Pass			
50	NV	-3.22	-0.0017	Pass				
10MHz	DFT-s-OFDM PI/2 BPSK	793	Outer_Full	20	LV	-6.04	-0.0032	Pass
					HV	8.49	0.0045	Pass
				-30	NV	3.51	0.0019	Pass
				-20	NV	-3.53	-0.0019	Pass
				-10	NV	-4.8	-0.0026	Pass
				0	NV	-3.32	-0.0018	Pass
				10	NV	2.91	0.0015	Pass



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CP-OFDM QPSK	20	NV	7.37	0.0039	Pass
	30	NV	2.74	0.0015	Pass
	40	NV	5	0.0027	Pass
	50	NV	9.66	0.0051	Pass
	20	LV	3.15	0.0017	Pass
		HV	8.75	0.0047	Pass
	-30	NV	4.93	0.0026	Pass
	-20	NV	-9.92	-0.0053	Pass
	-10	NV	-3.94	-0.0021	Pass
	0	NV	5.8	0.0031	Pass
	10	NV	-3.83	-0.0020	Pass
	20	NV	-3.07	-0.0016	Pass
	30	NV	-4	-0.0021	Pass
	40	NV	3.08	0.0016	Pass
	50	NV	-8.73	-0.0046	Pass



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Field Strength of Spurious Radiation

NR Band 14-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	-65.28	-40	-25.28	-69.165	2	5.88	Horizontal	Pass
2364.75	-63.77	-13	-50.77	-63.89	2.35	4.62	Horizontal	Pass
3153	-56.75	-13	-43.75	-58.56	2.96	6.92	Horizontal	Pass
1576.5	-65.37	-40	-25.37	-67.105	2	5.88	Vertical	Pass
2364.75	-62.23	-13	-49.23	-62.35	2.35	4.62	Vertical	Pass
3153	-56.75	-13	-43.75	-58.56	2.96	6.92	Vertical	Pass

NR Band 14-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	-66.34	-40	-26.34	-70.225	2	5.88	Horizontal	Pass
2372.25	-63.89	-13	-50.89	-64.01	2.35	4.62	Horizontal	Pass
3163	-55.7	-13	-42.7	-57.51	2.96	6.92	Horizontal	Pass
1581.5	-66.02	-40	-26.02	-67.755	2	5.88	Vertical	Pass
2372.25	-62.83	-13	-49.83	-62.95	2.35	4.62	Vertical	Pass
3163	-56.09	-13	-43.09	-57.9	2.96	6.92	Vertical	Pass

NR Band 14-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	-66.22	-40	-26.22	-70.105	2	5.88	Horizontal	Pass
2379.75	-63.38	-13	-50.38	-63.5	2.35	4.62	Horizontal	Pass
3173	-56.7	-13	-43.7	-58.51	2.96	6.92	Horizontal	Pass
1586.5	-65.57	-40	-25.57	-67.305	2	5.88	Vertical	Pass
2379.75	-62.11	-13	-49.11	-62.23	2.35	4.62	Vertical	Pass
3173	-56.55	-13	-43.55	-58.36	2.96	6.92	Vertical	Pass



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NR Band 14-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 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
1577	-65.93	-40	-25.93	-69.815	2	5.88	Horizontal	Pass
2365.5	-63.84	-13	-50.84	-63.96	2.35	4.62	Horizontal	Pass
3154	-55.69	-13	-42.69	-57.5	2.96	6.92	Horizontal	Pass
1577	-66.66	-40	-26.66	-68.395	2	5.88	Vertical	Pass
2365.5	-63.4	-13	-50.4	-63.52	2.35	4.62	Vertical	Pass
3154	-57.19	-13	-44.19	-59	2.96	6.92	Vertical	Pass

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