

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	4.5161	5.23	/	Pass
CP-OFDM QPSK		Outer_Full	4.5102	5.264	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.5127	5.275	/	Pass
CP-OFDM QPSK		Outer_Full	4.5049	5.197	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4661	5.188	/	Pass
CP-OFDM QPSK		Outer_Full	4.5214	5.259	/	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	8.9405	9.596	/	Pass
CP-OFDM QPSK		Outer_Full	9.3095	10.26	/	Pass

Peak-Average Ratio

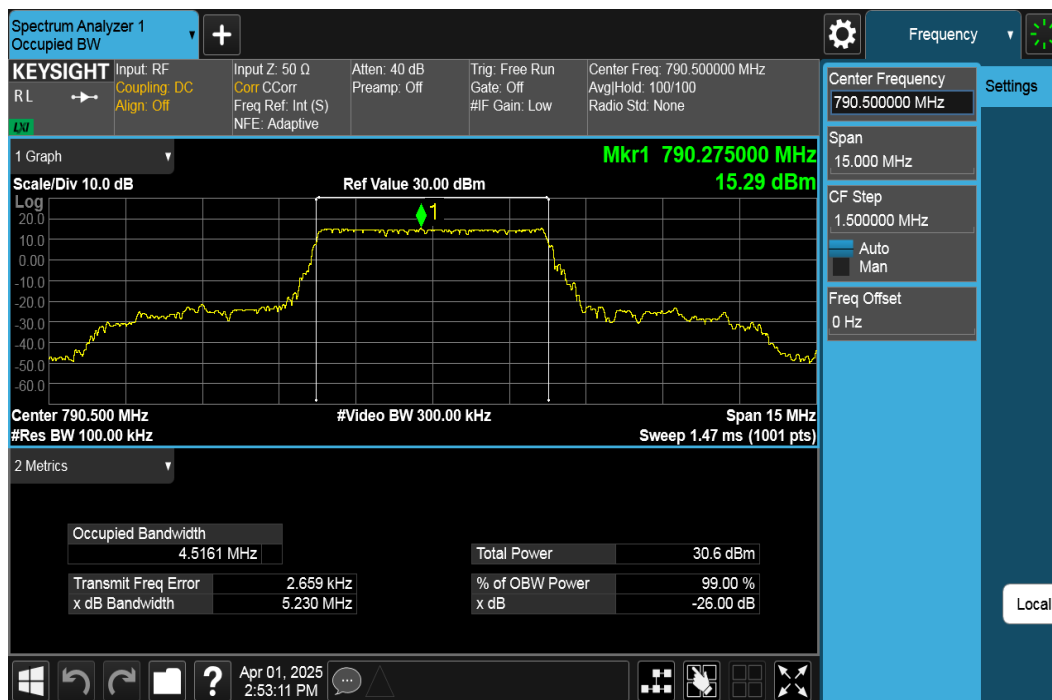
Test Result

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	3.86	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.15	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.89	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.39	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.86	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.41	<=13	Pass

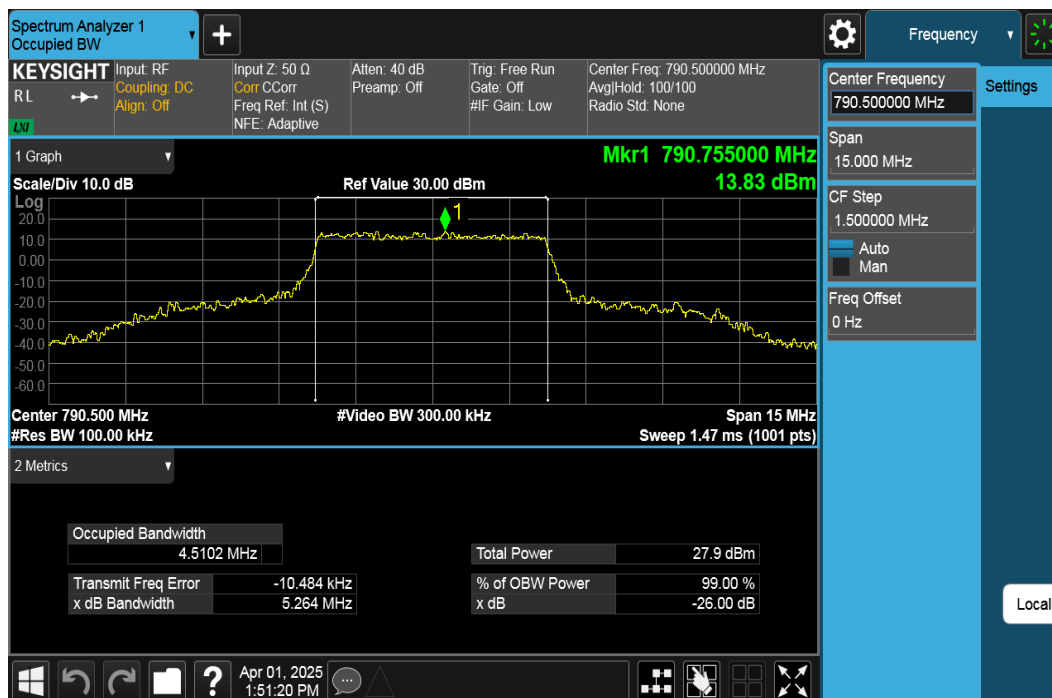
5G NR N14 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.8	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.42	<=13	Pass

OBW Test graph

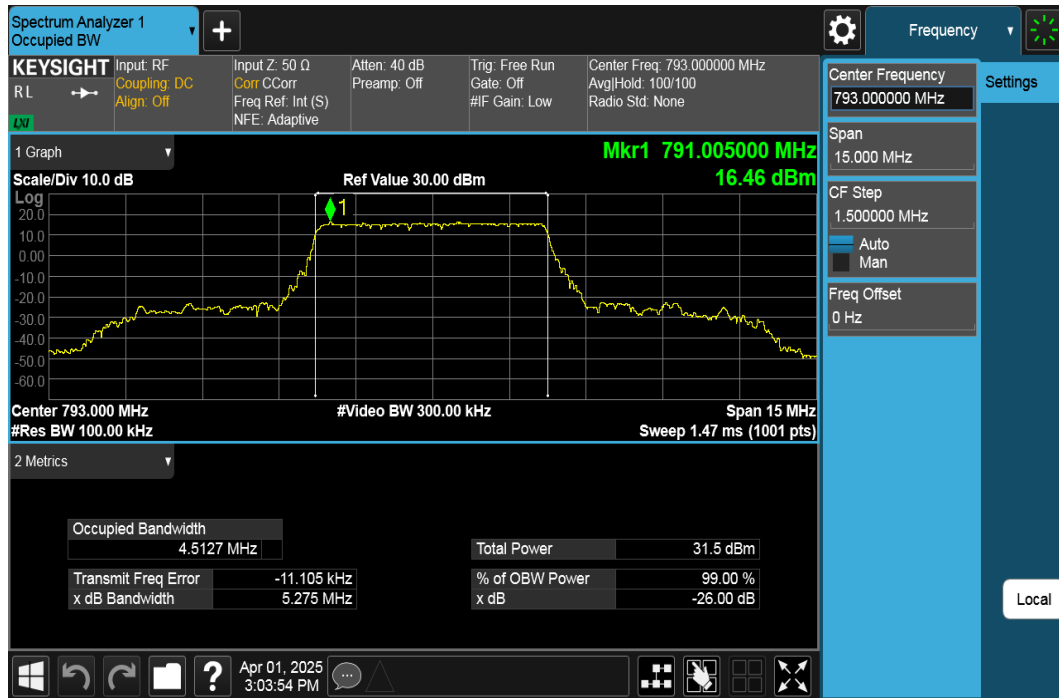
N14-5M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



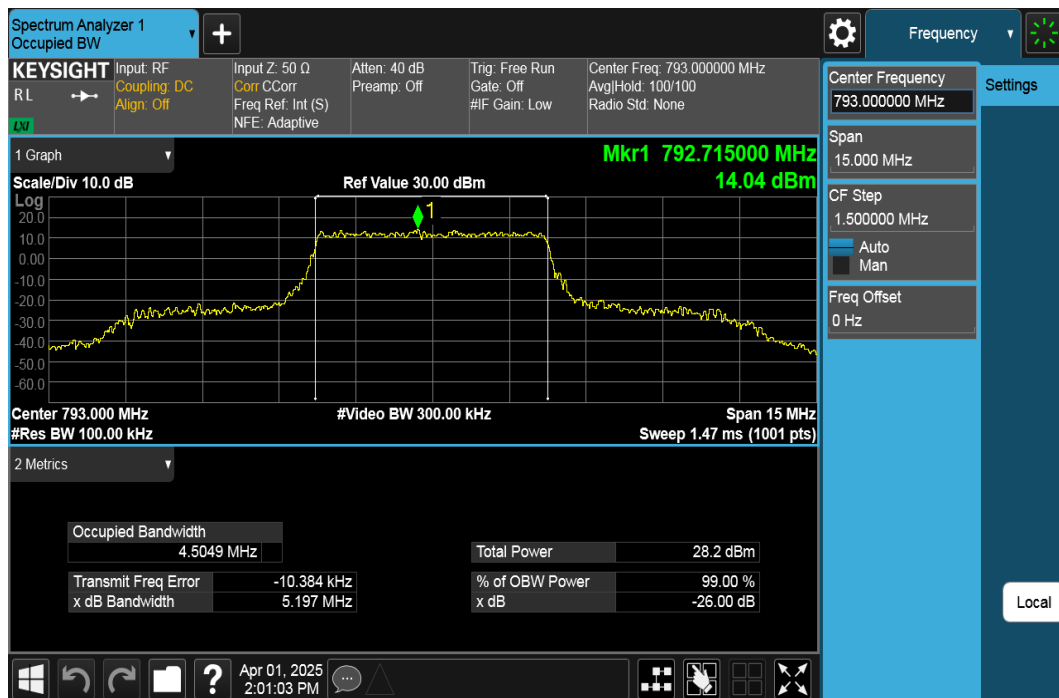
N14-5M-OBW-LCH-CP-OFDM-QPSK-Outer_Full



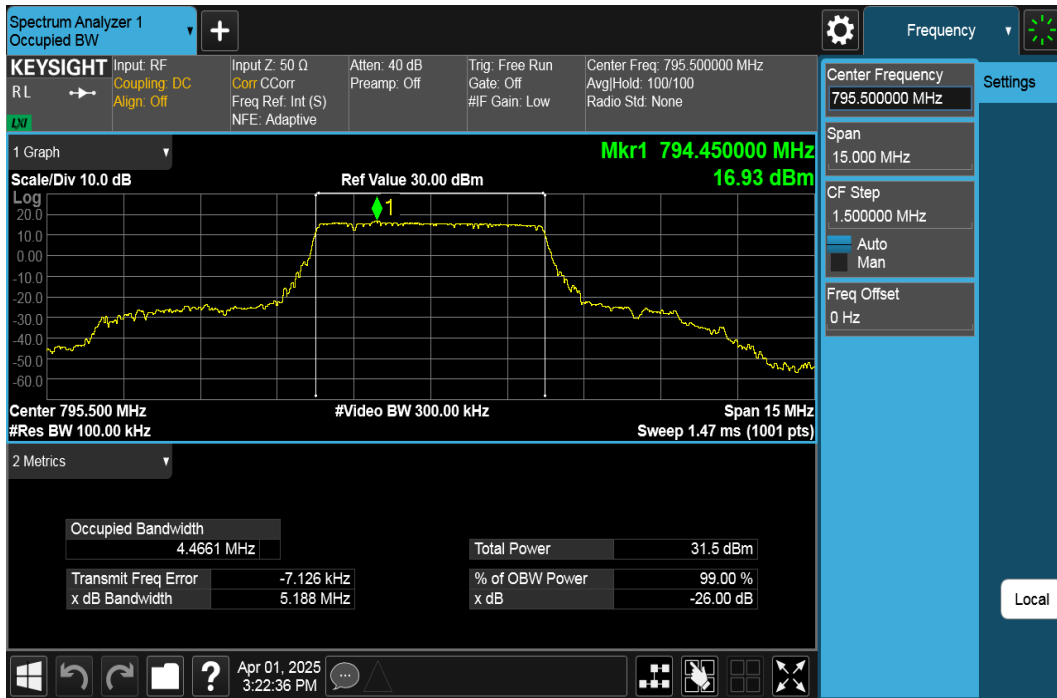
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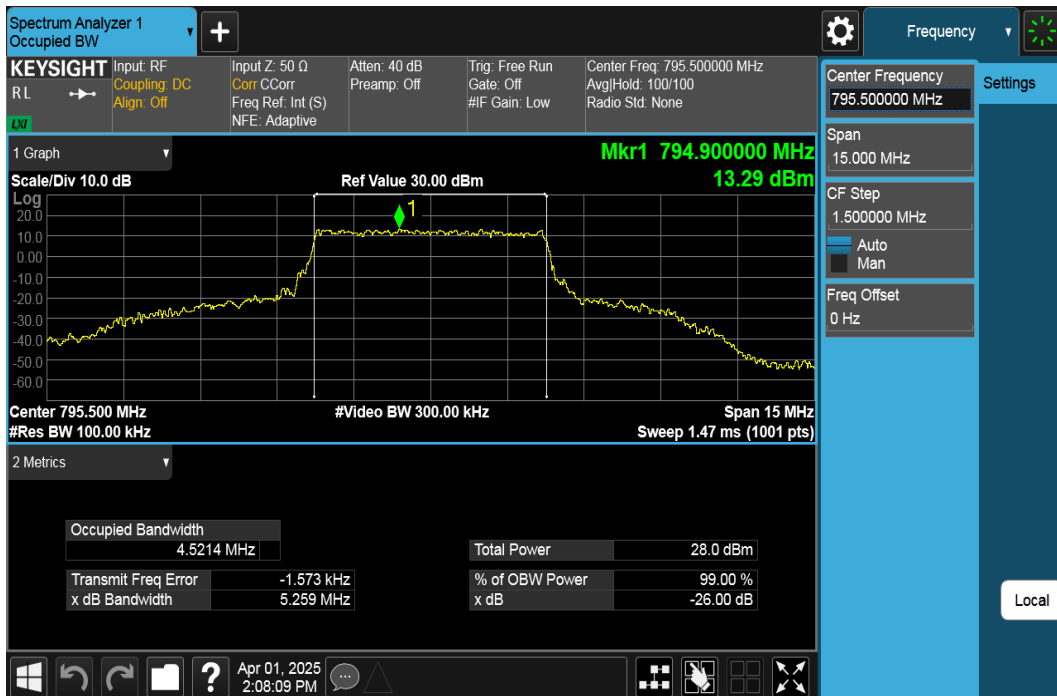
N14-5M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



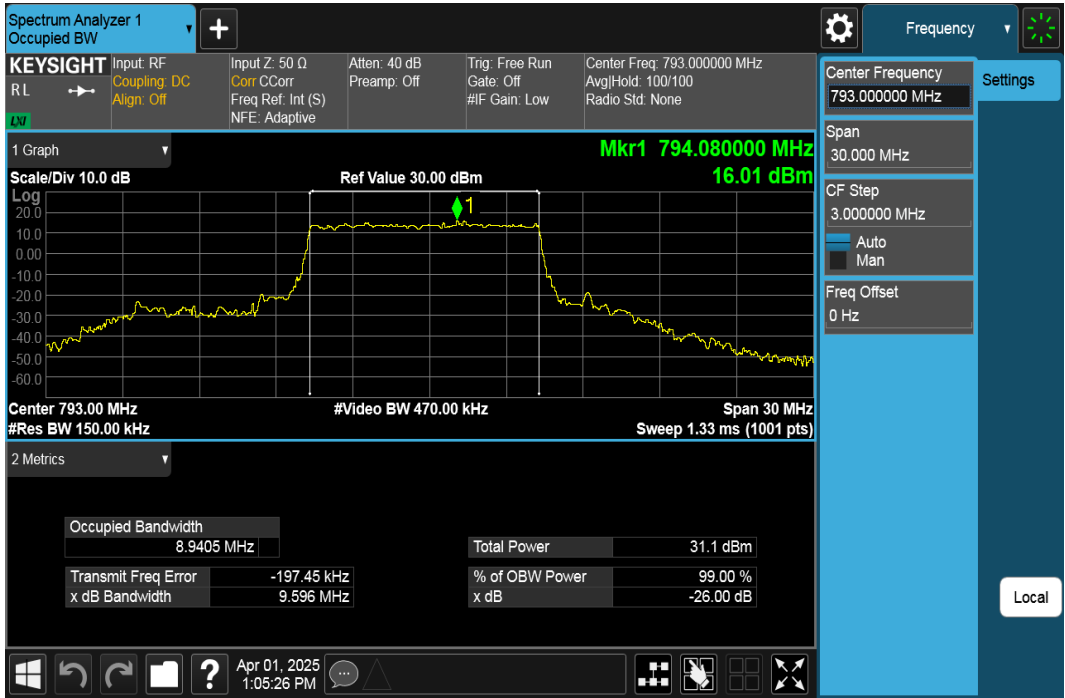
N14-5M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



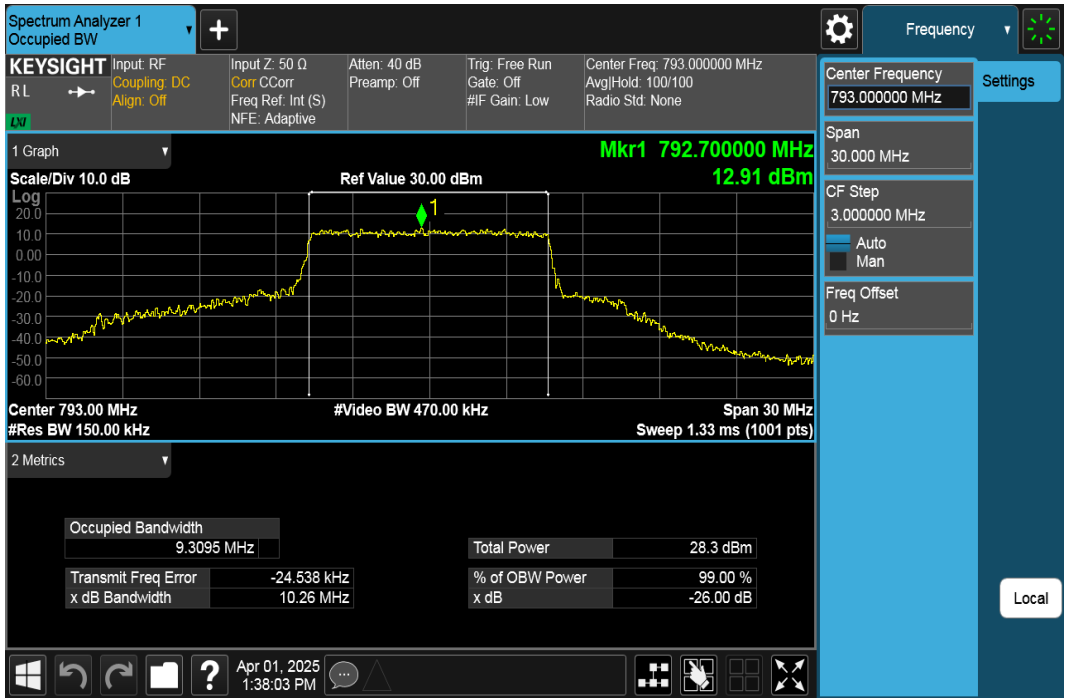
N14-5M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



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



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



PAPR Test graph

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



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



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



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



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



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



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



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



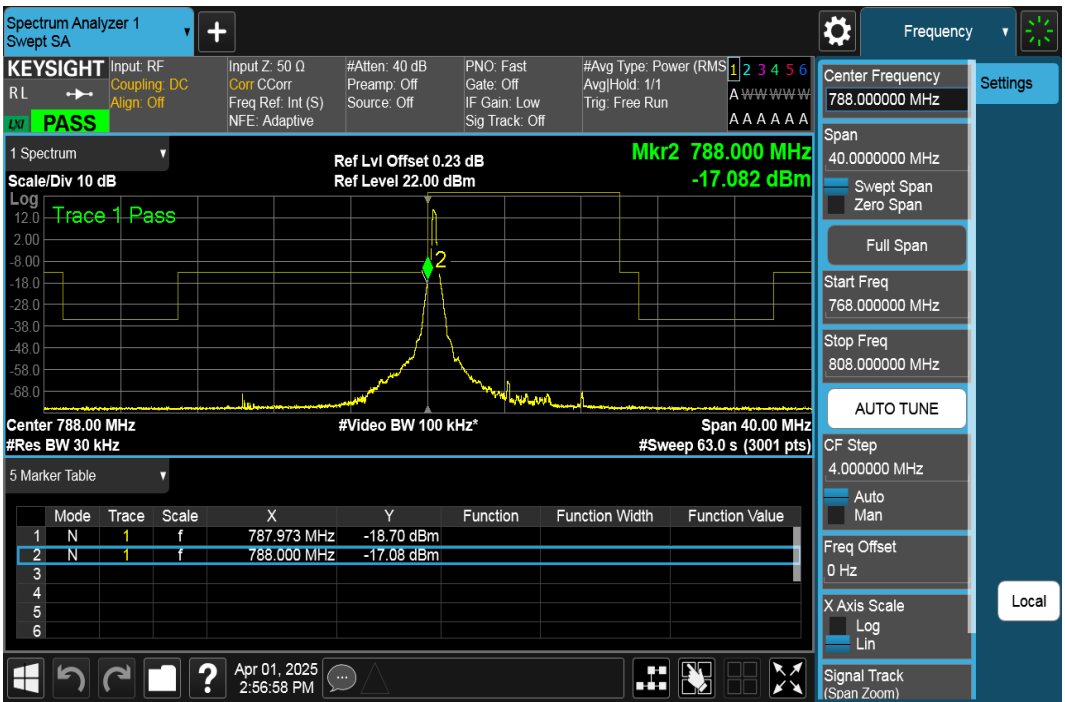
Bandedge

test graph

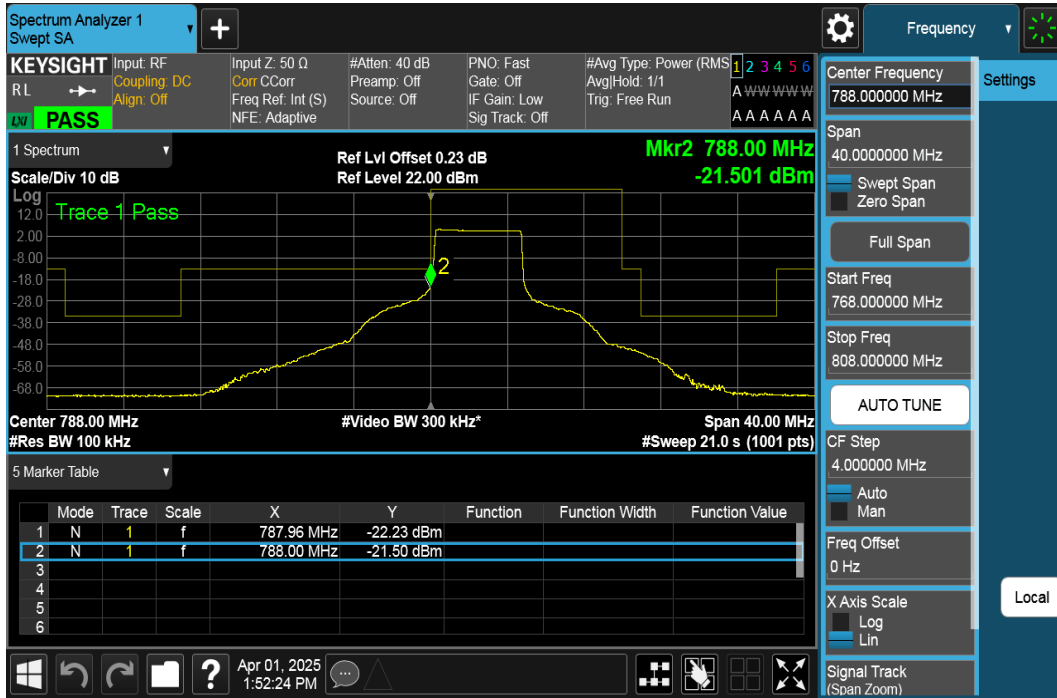
N14-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



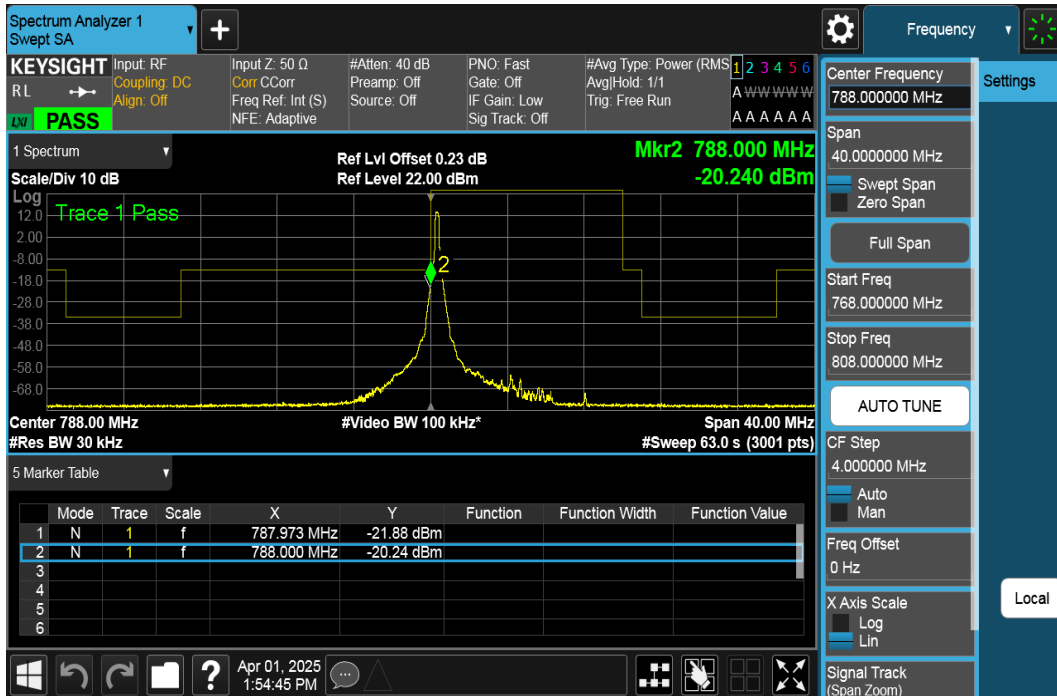
N14-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



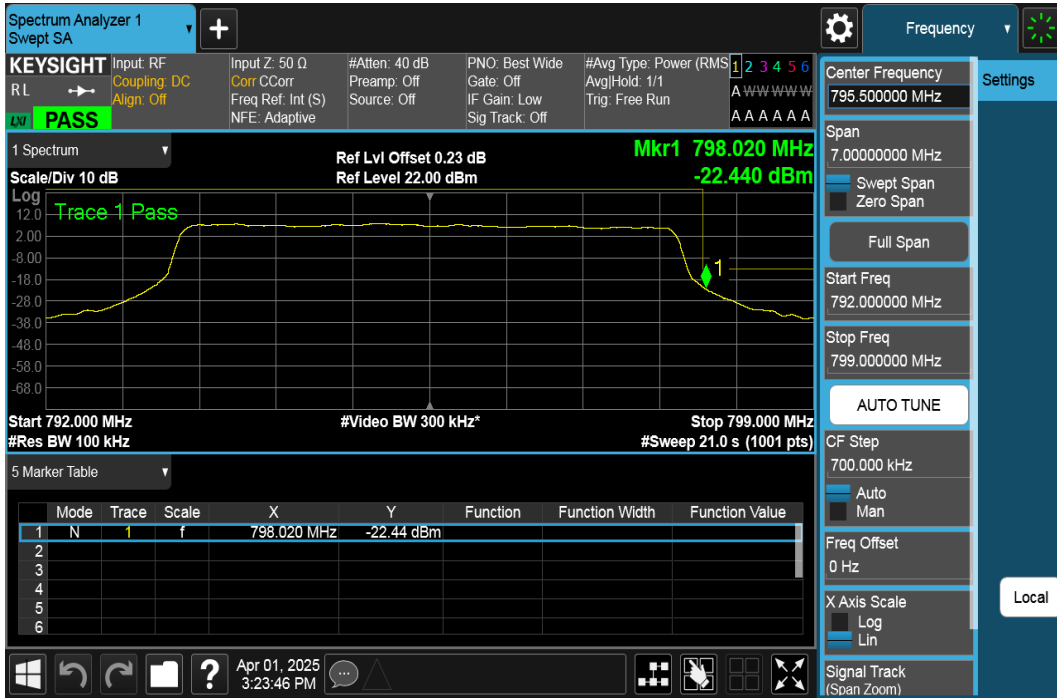
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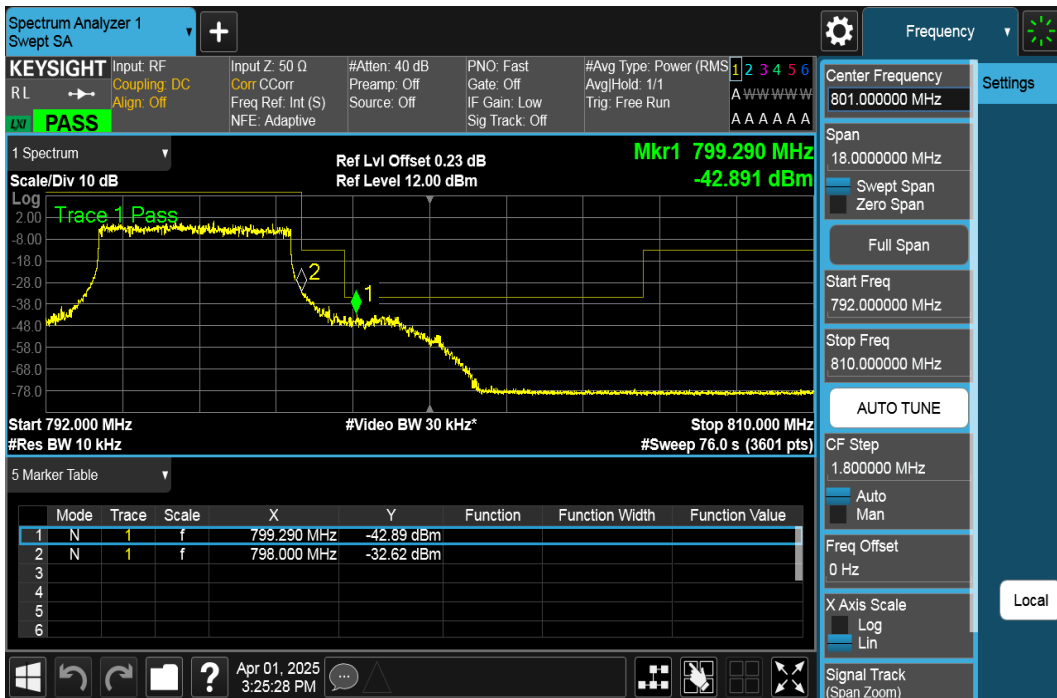
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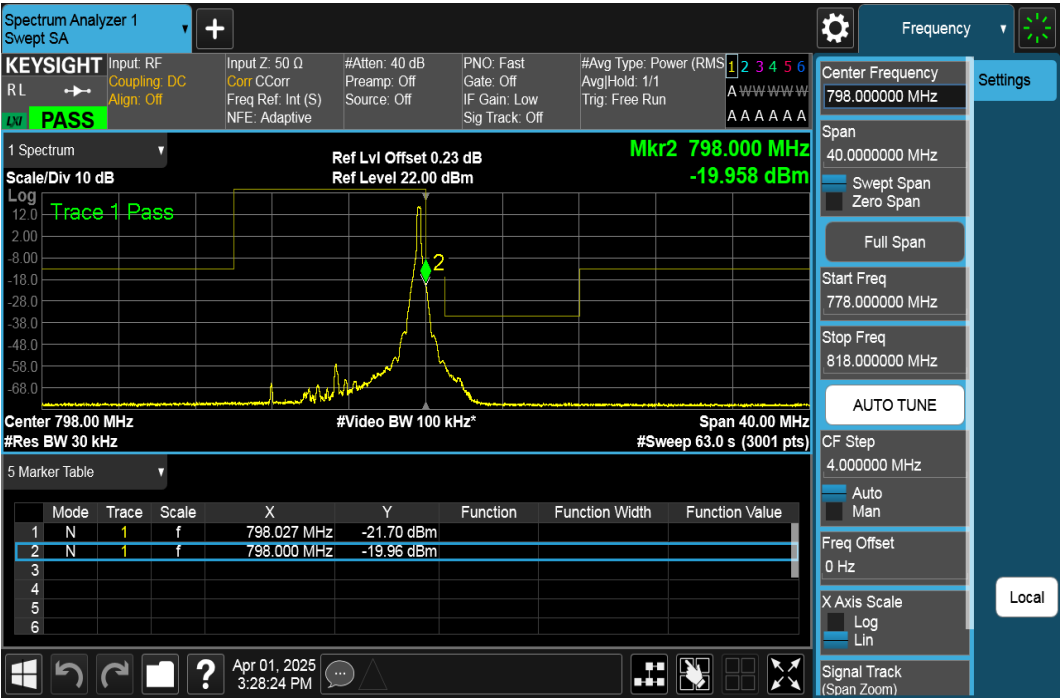
N14-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full-1



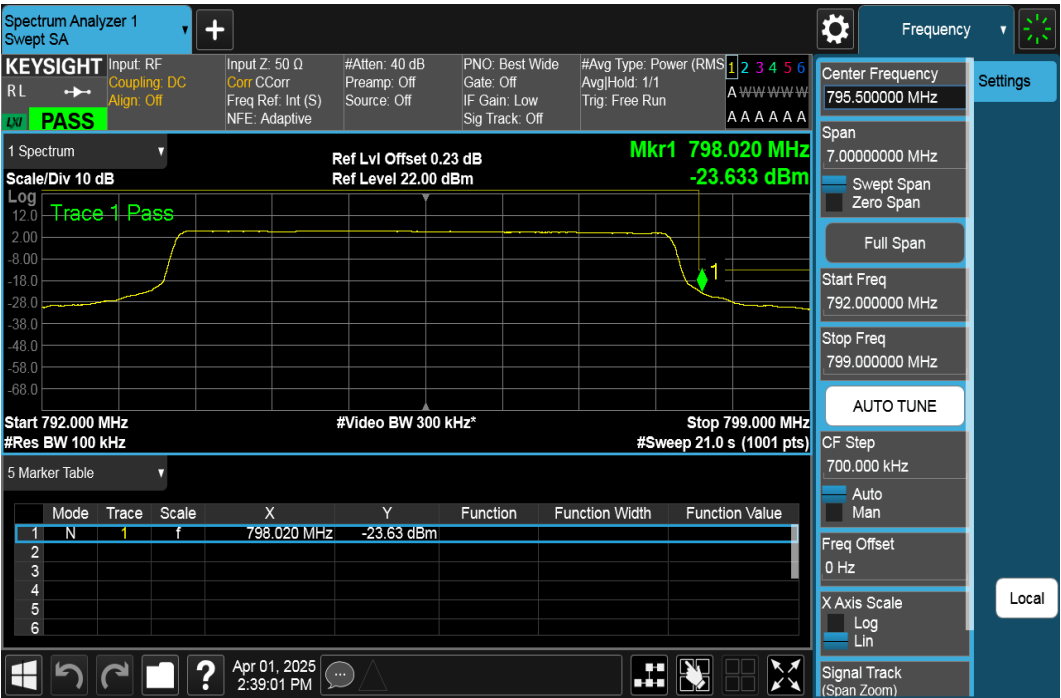
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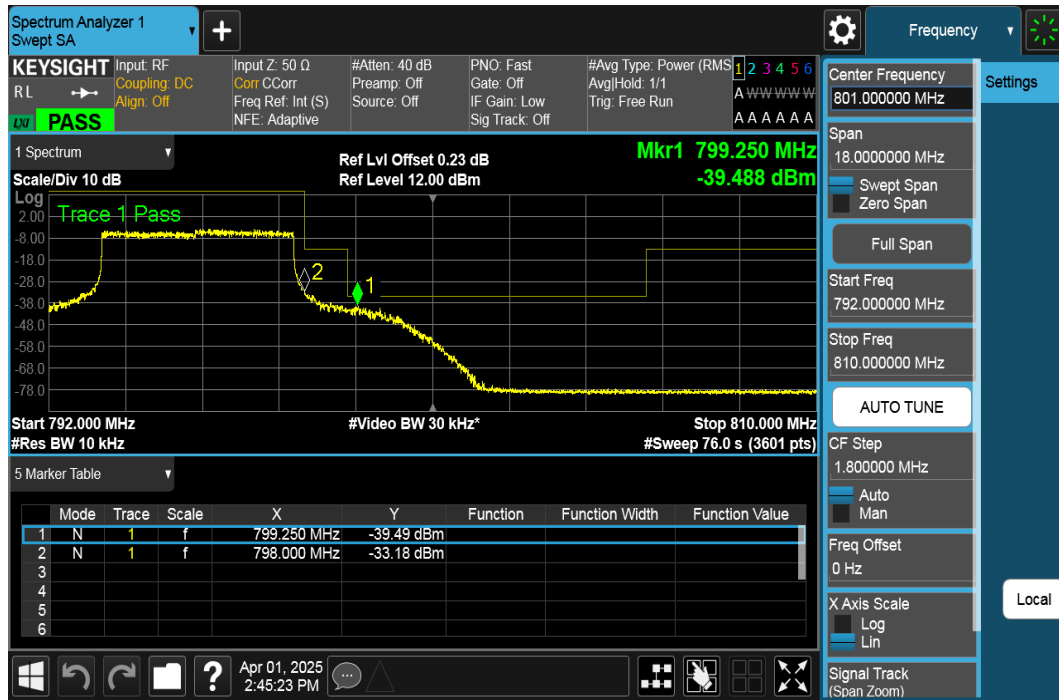
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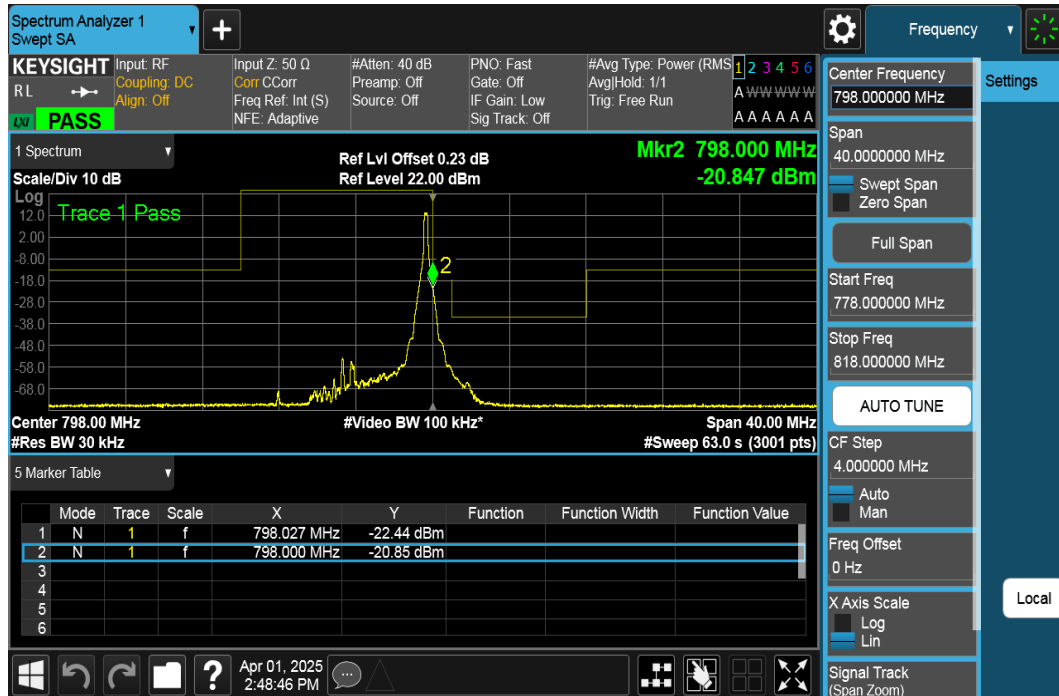
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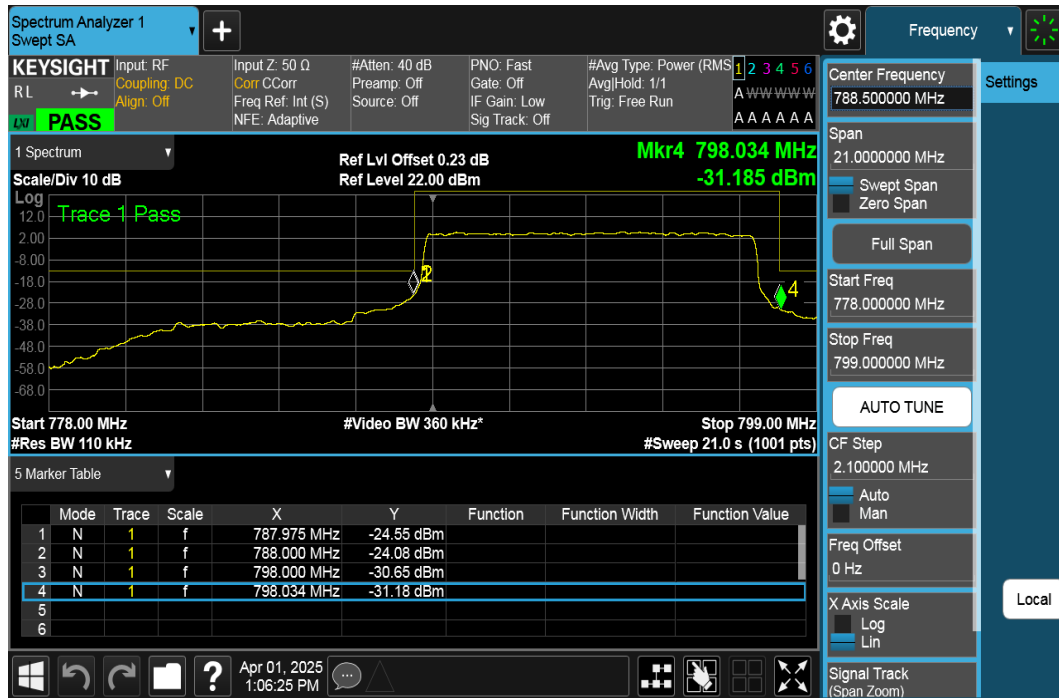
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N14-5M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



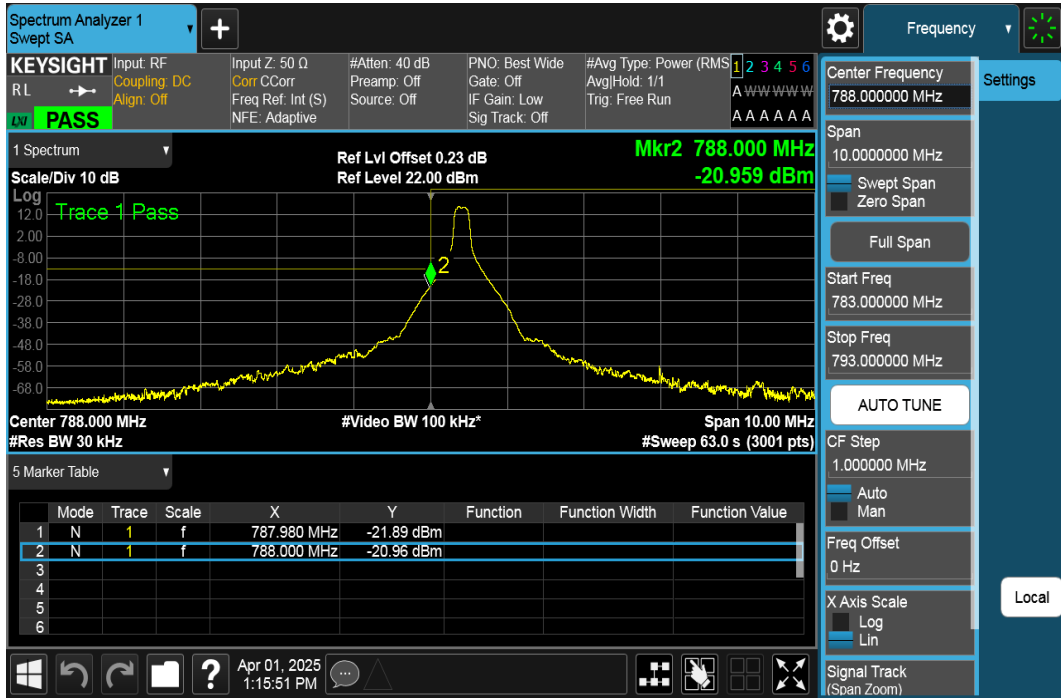
N14-10M-Bandedge-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full-Left



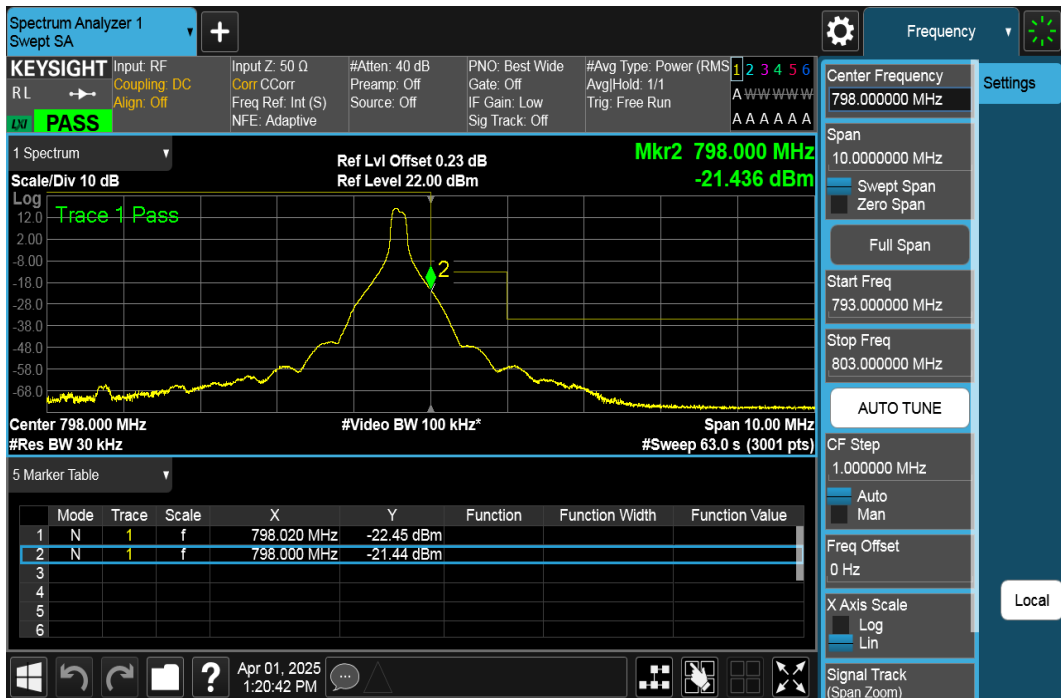
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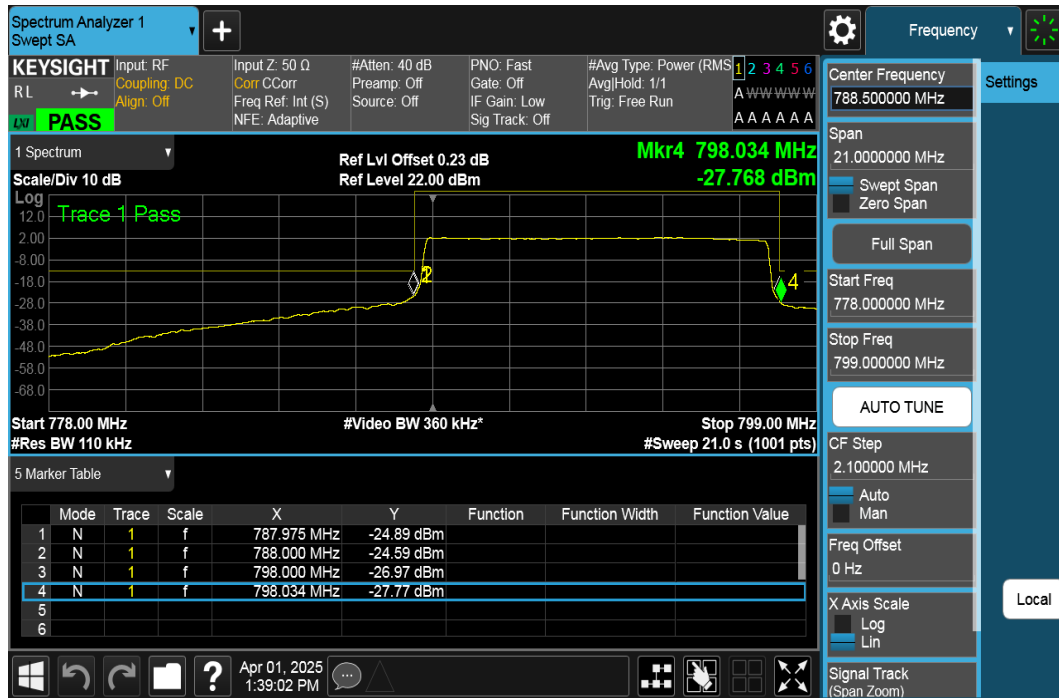
N14-10M-Bandedge-MCH-DFT-s-OFDM-Pi2 BPSK-1RB0



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



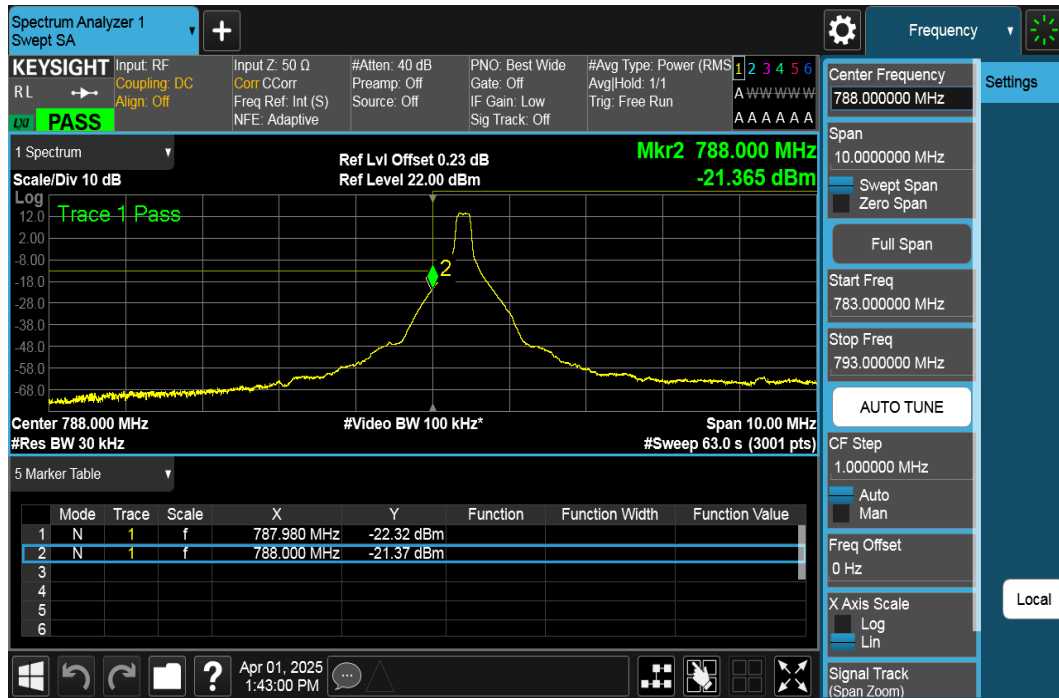
N14-10M-Bandedge-MCH-CP-OFDM-QPSK-Outer_Full-Left



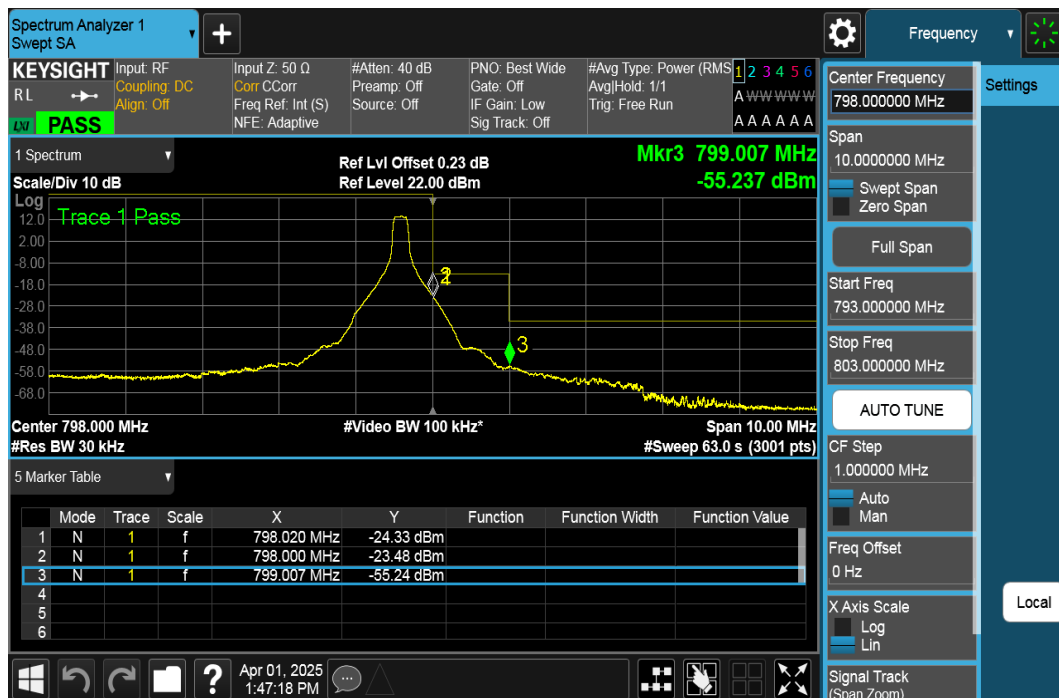
N14-10M-Bandedge-MCH-CP-OFDM-QPSK-Outer_Full-Right



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



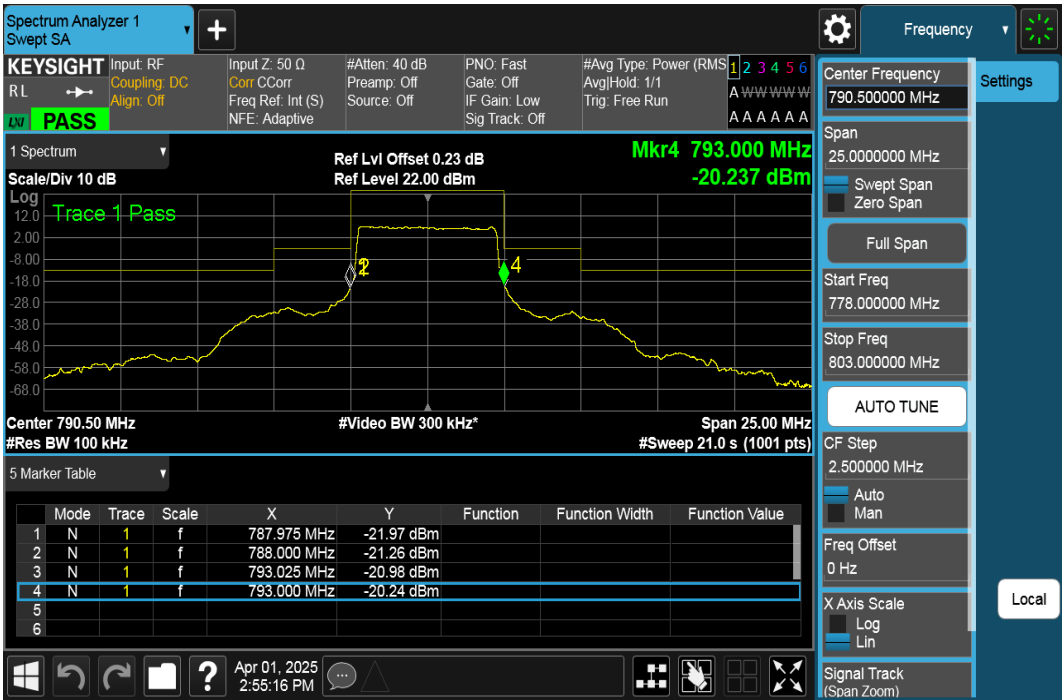
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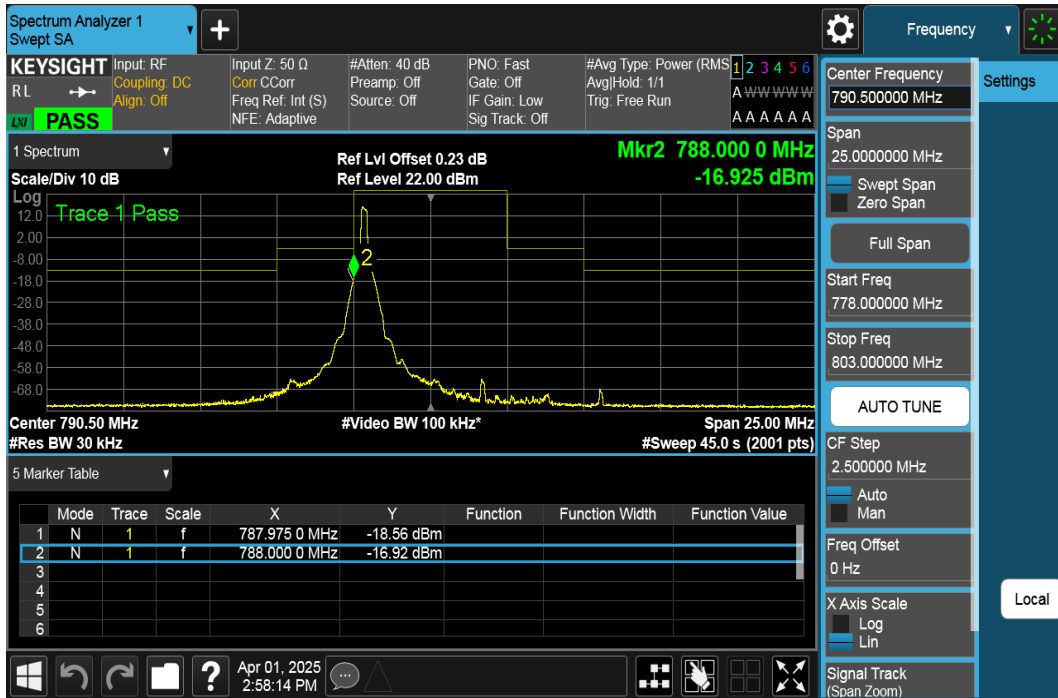
Emission mask

test graph

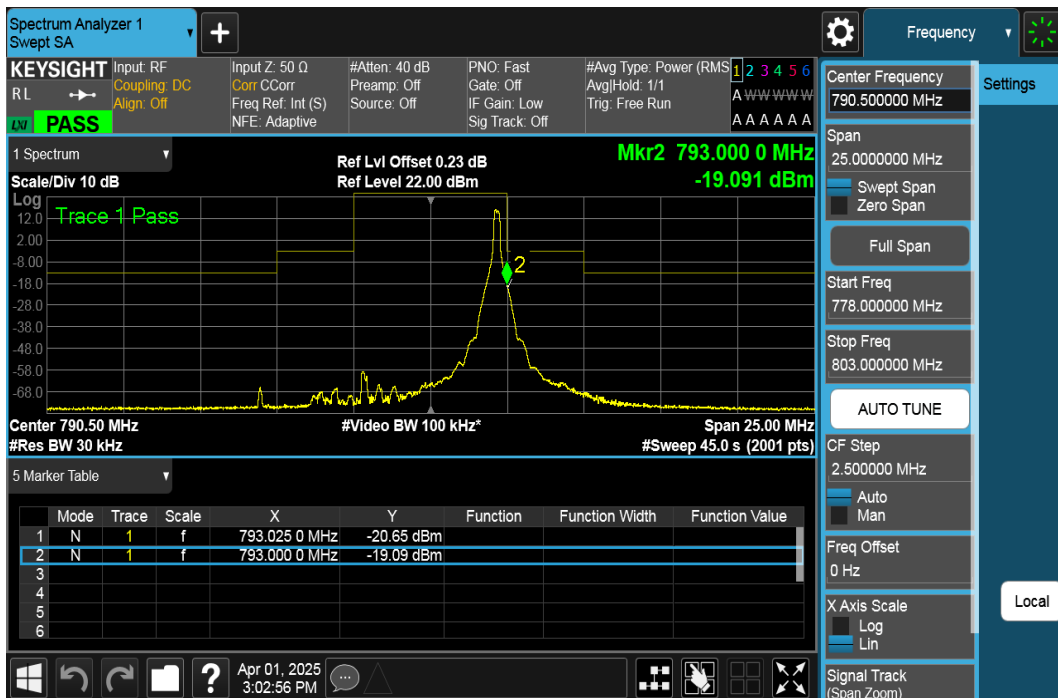
N14-5M-Emission mask-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



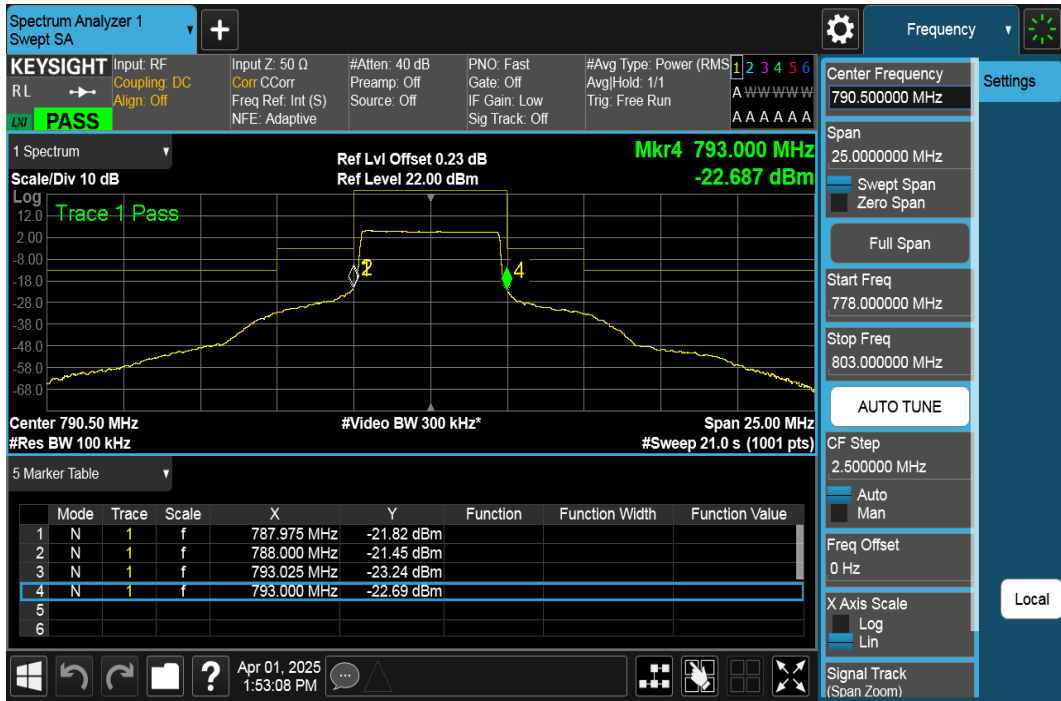
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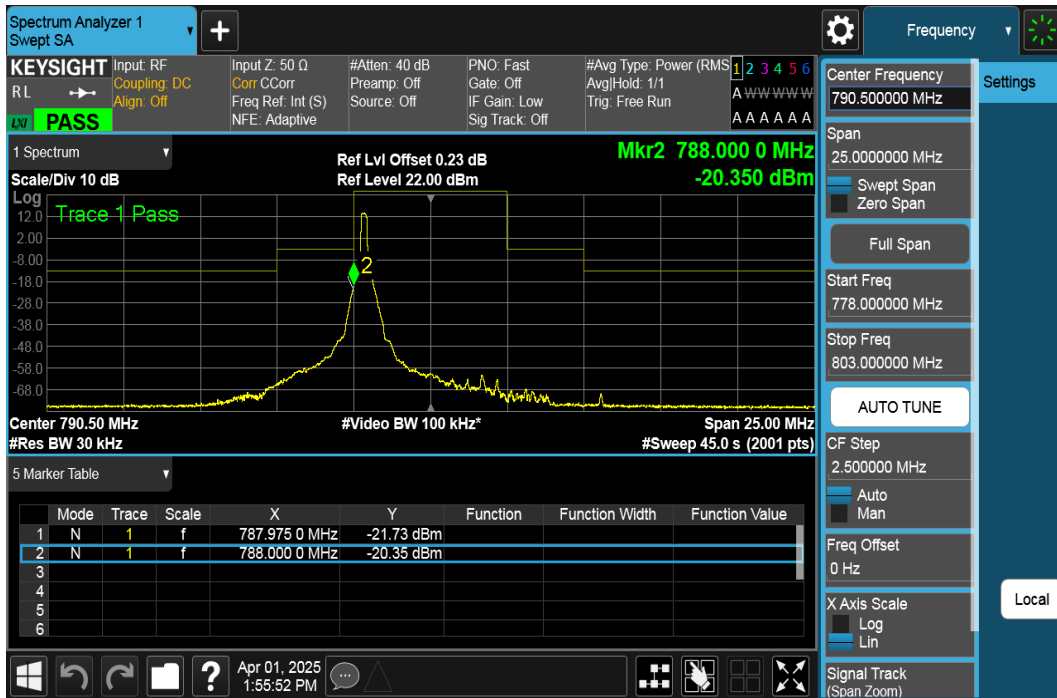
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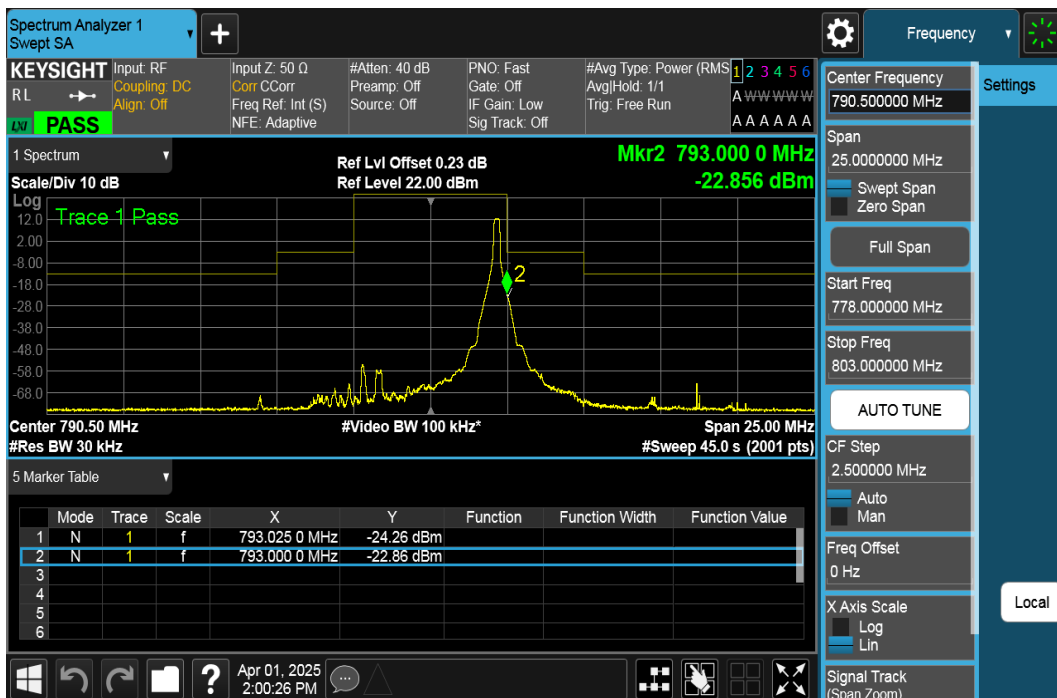
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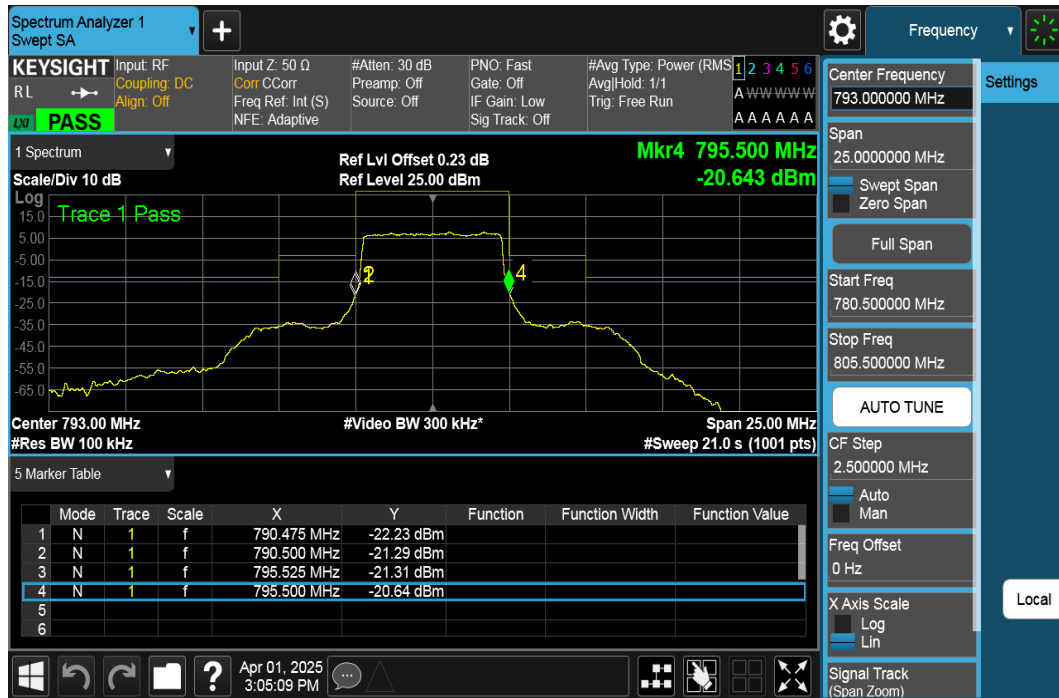
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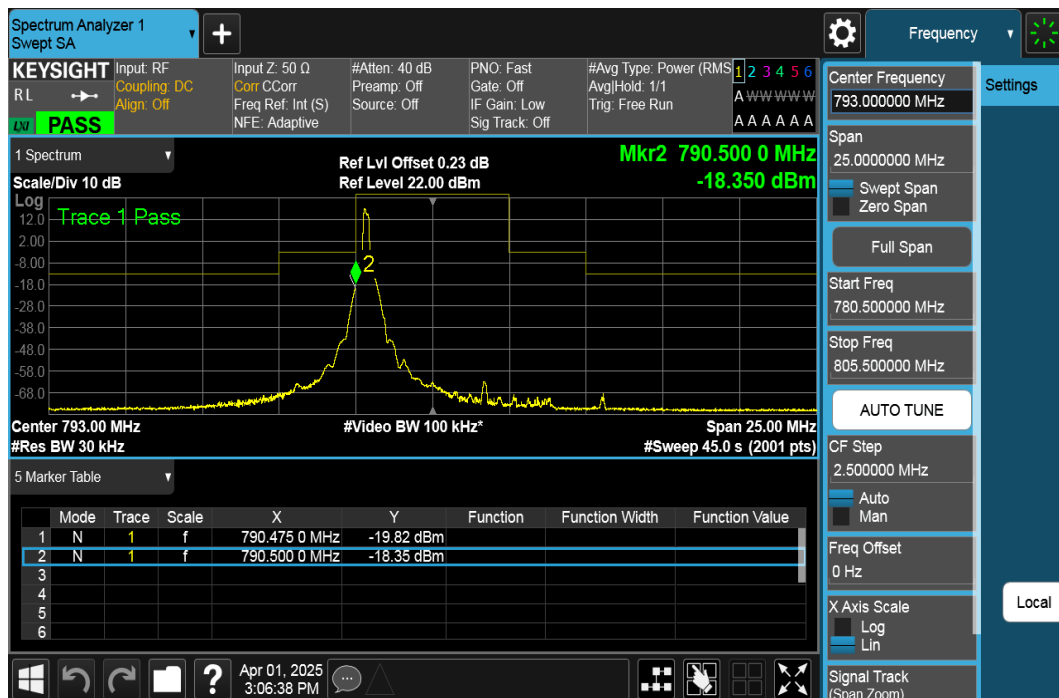
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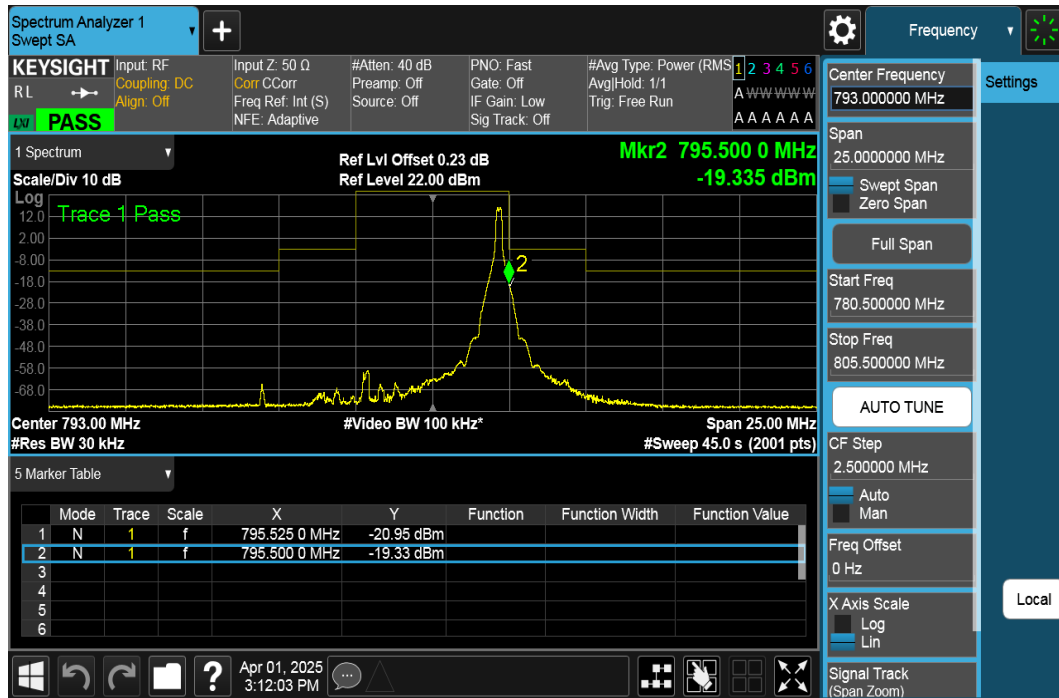
N14-5M-Emission mask-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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



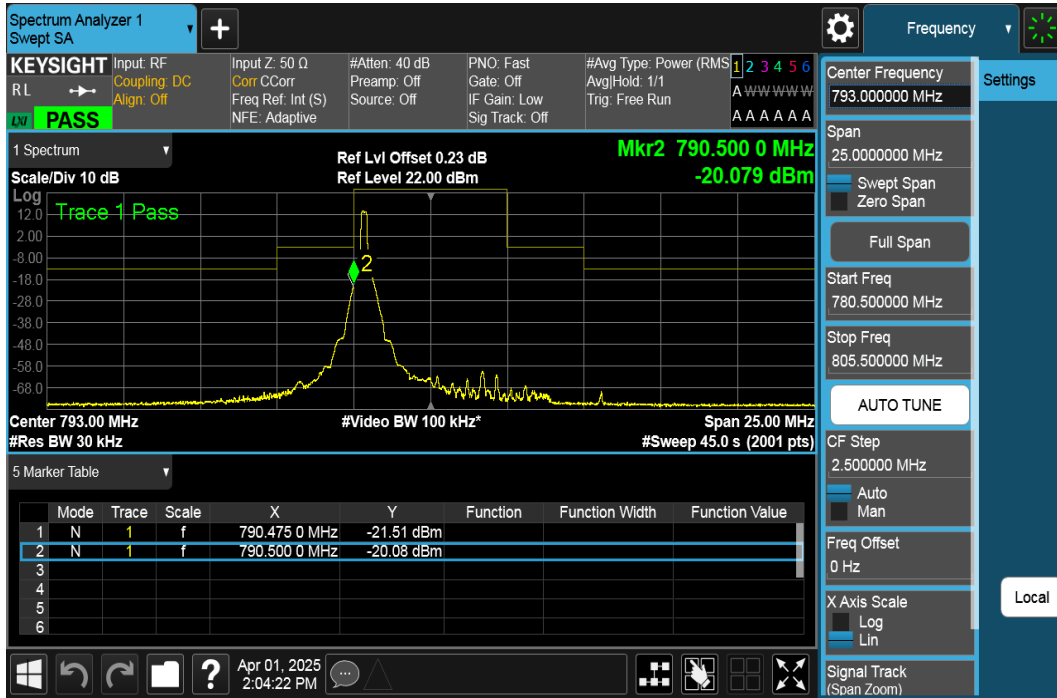
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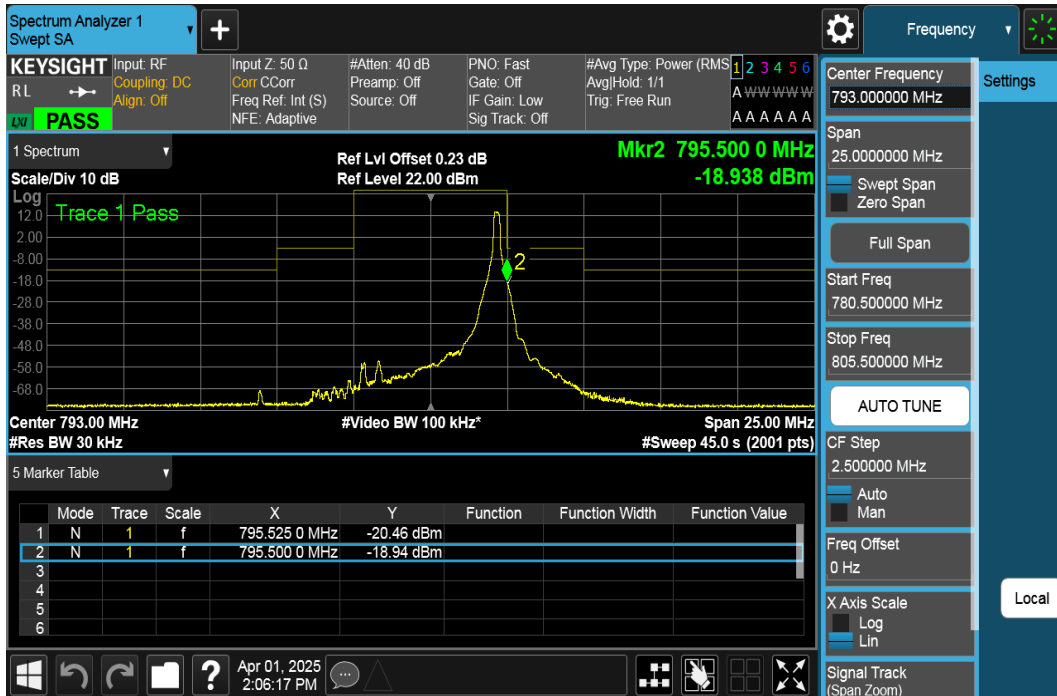
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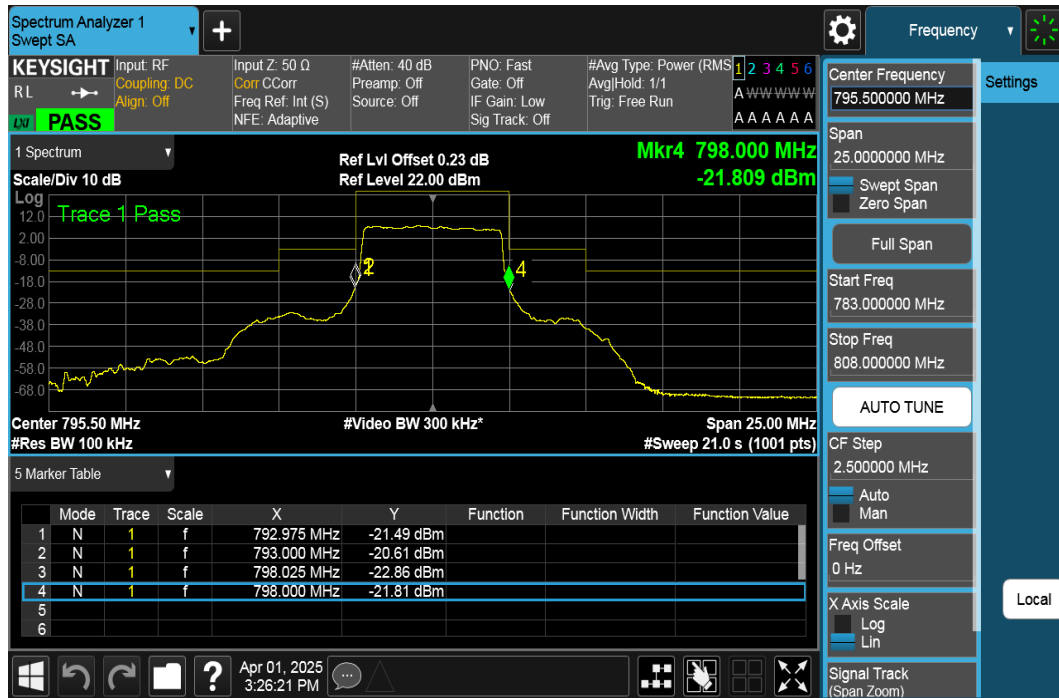
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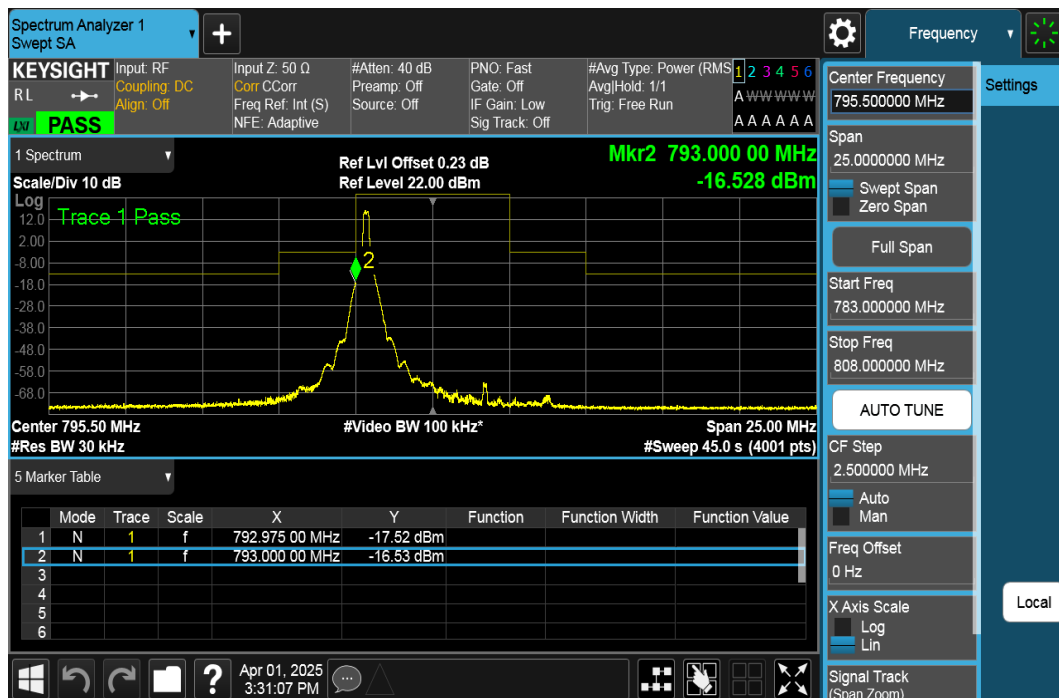
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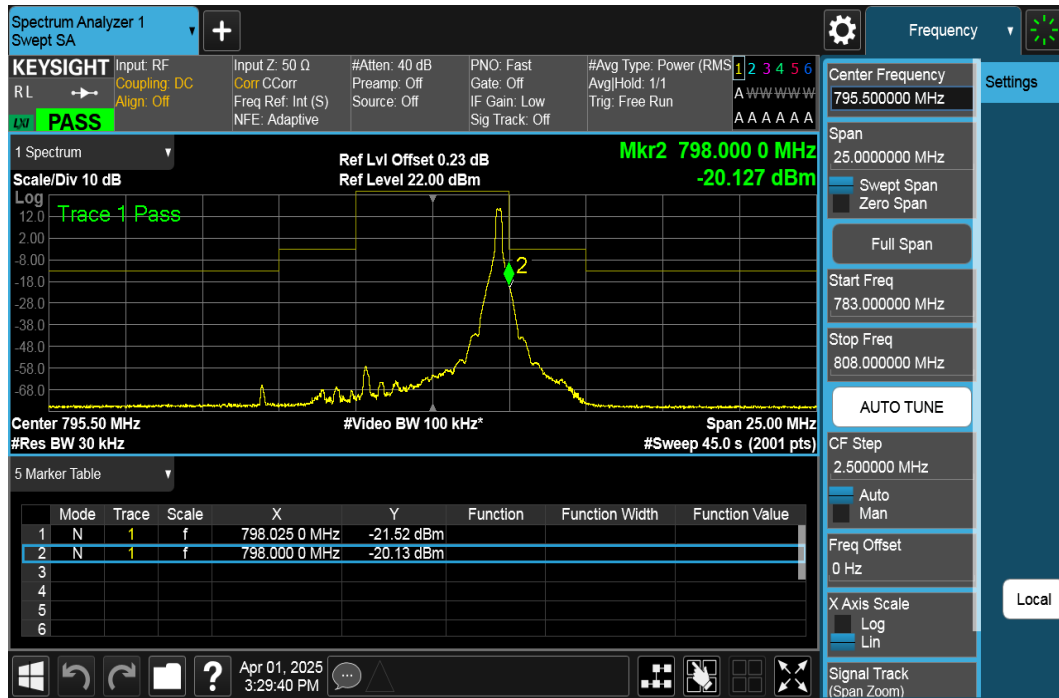
N14-5M-Emission mask-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



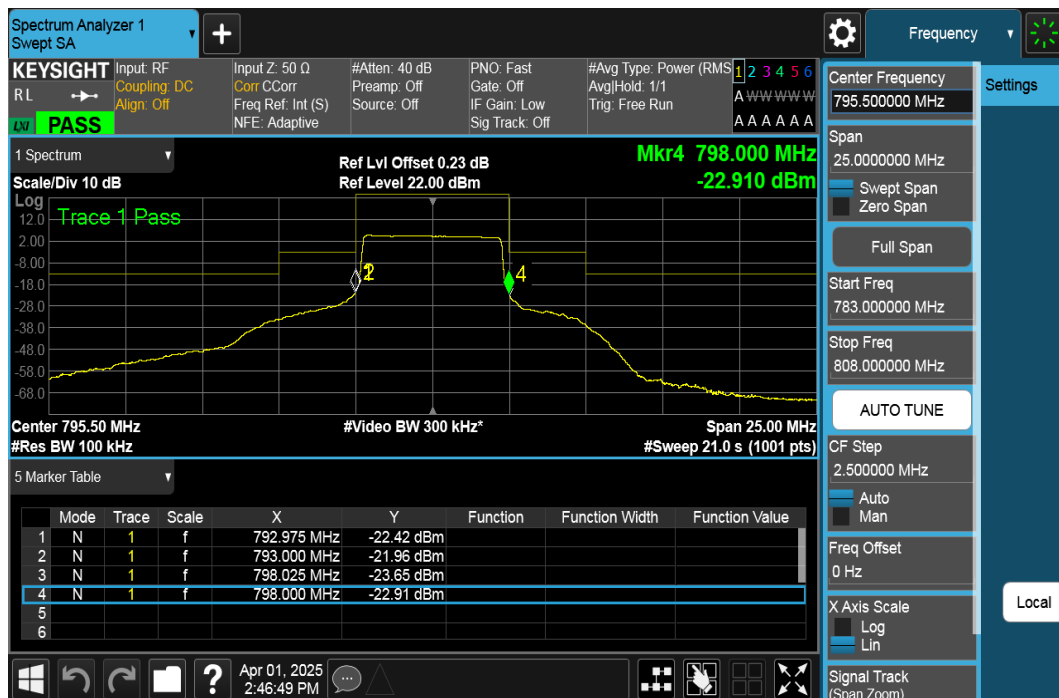
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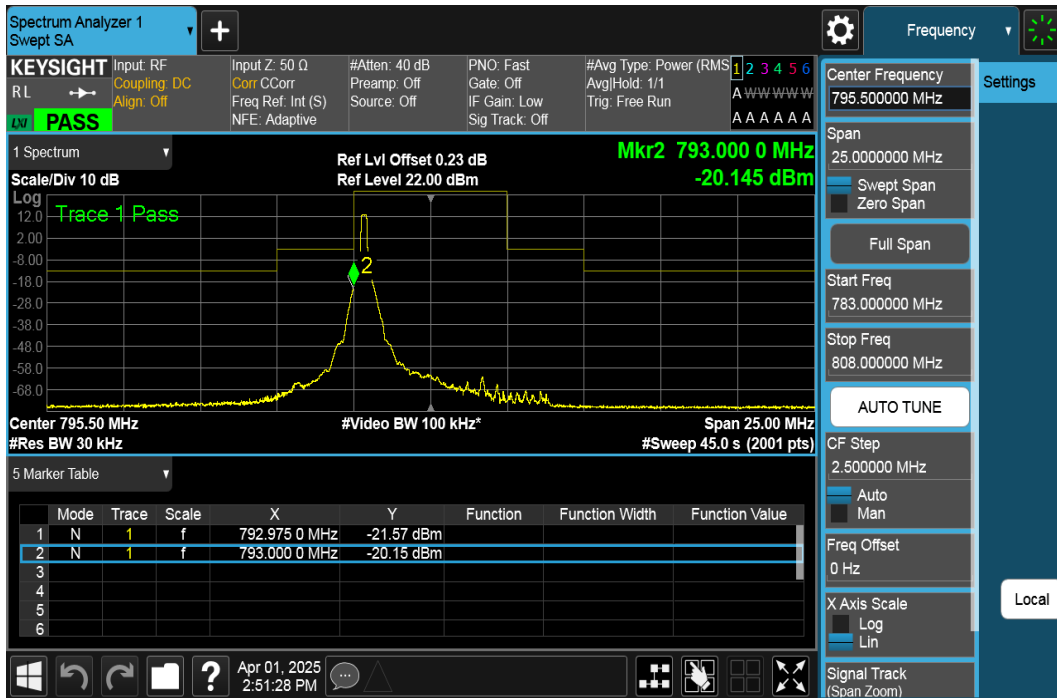
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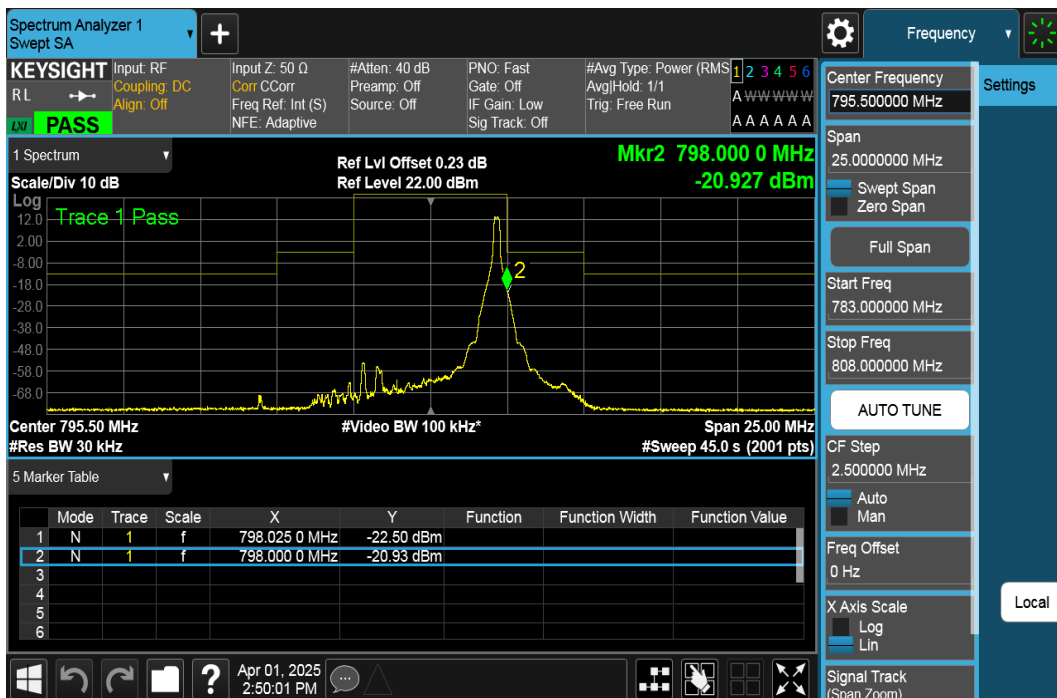
N14-5M-Emission mask-HCH-CP-OFDM-QPSK-Outer_Full



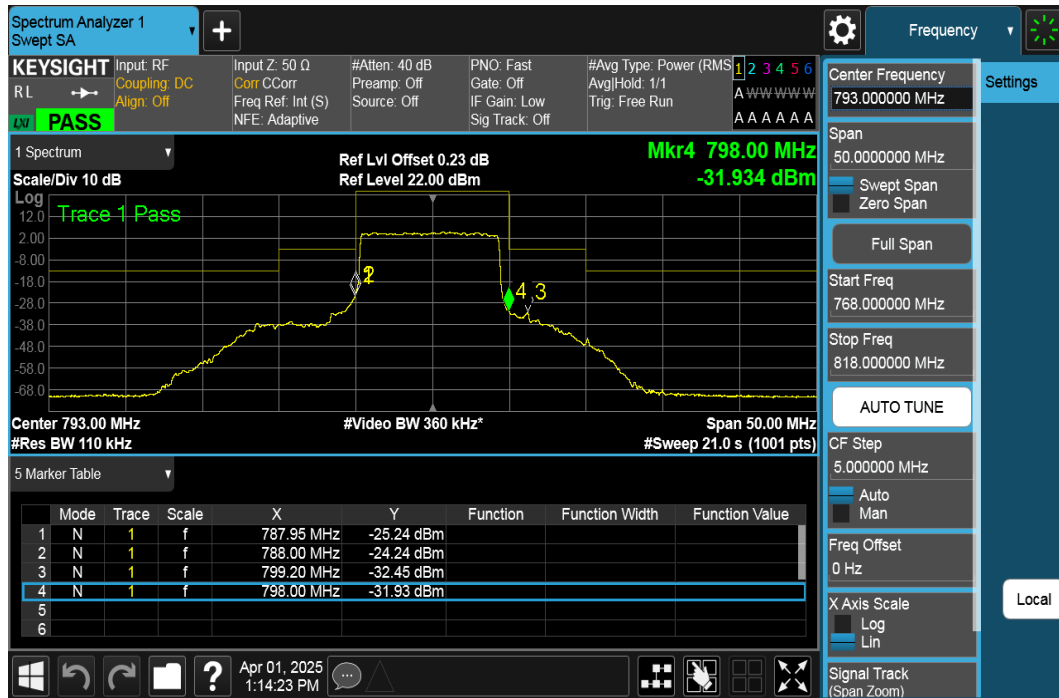
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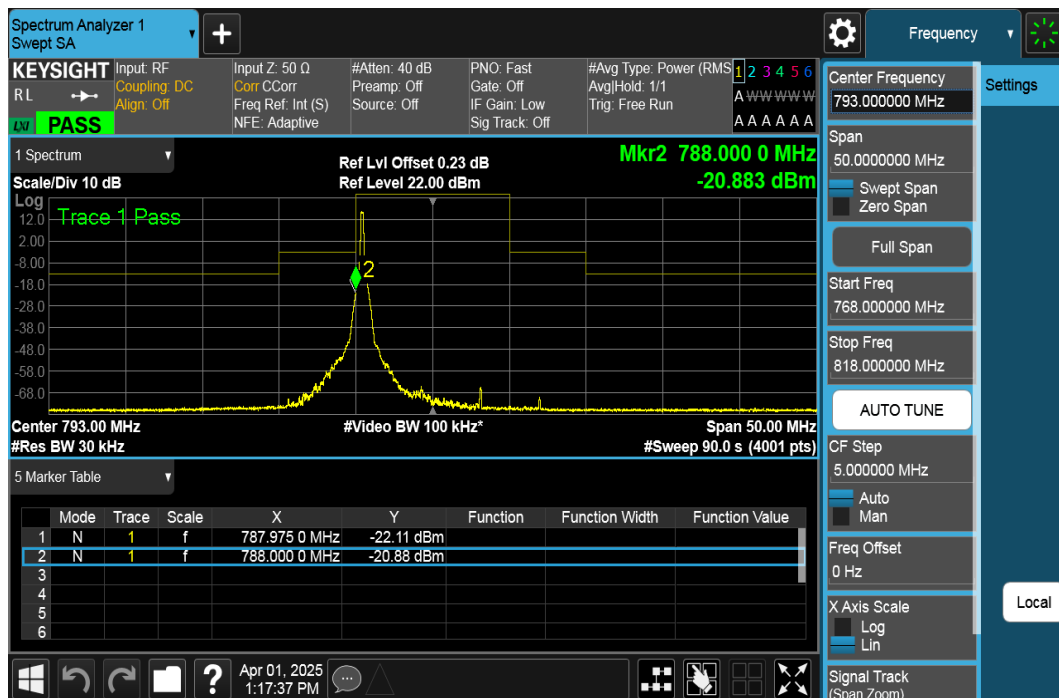
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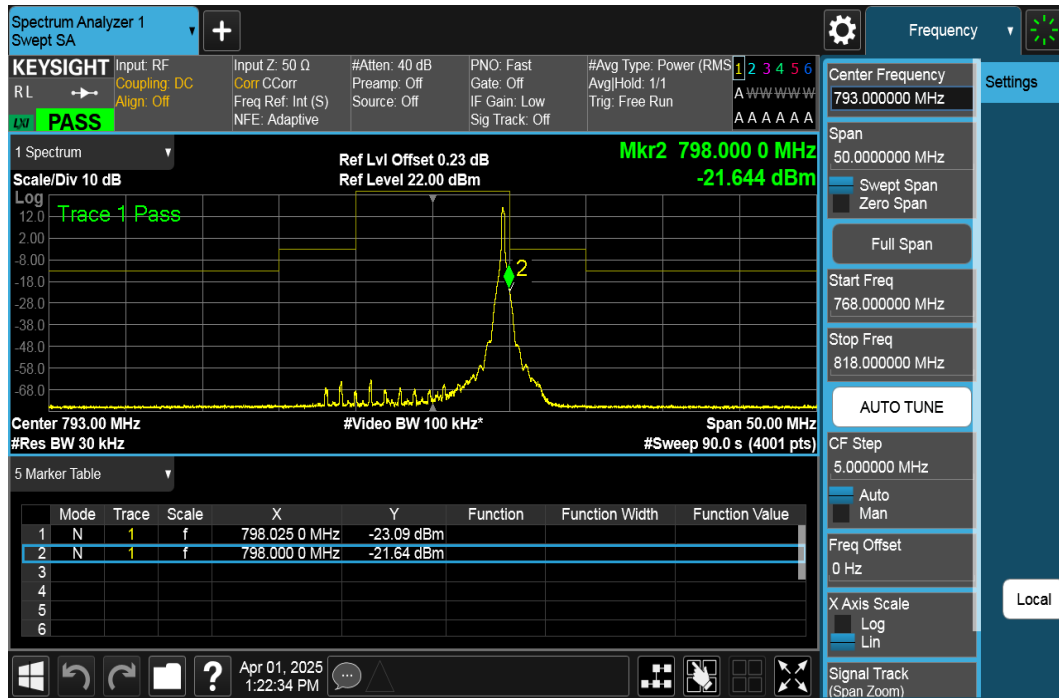
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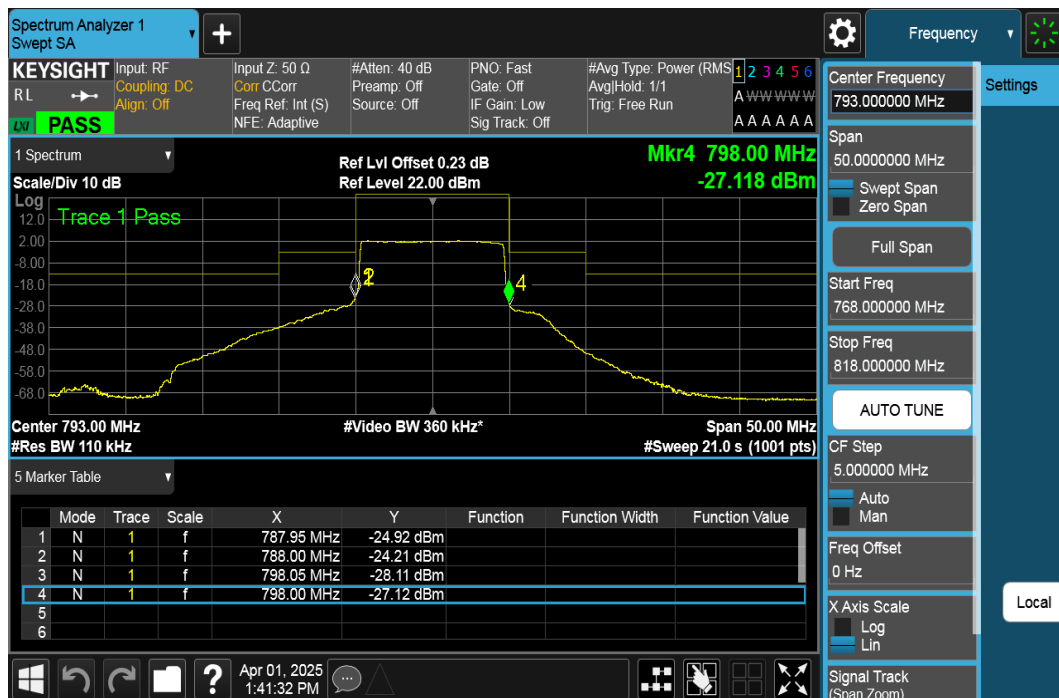
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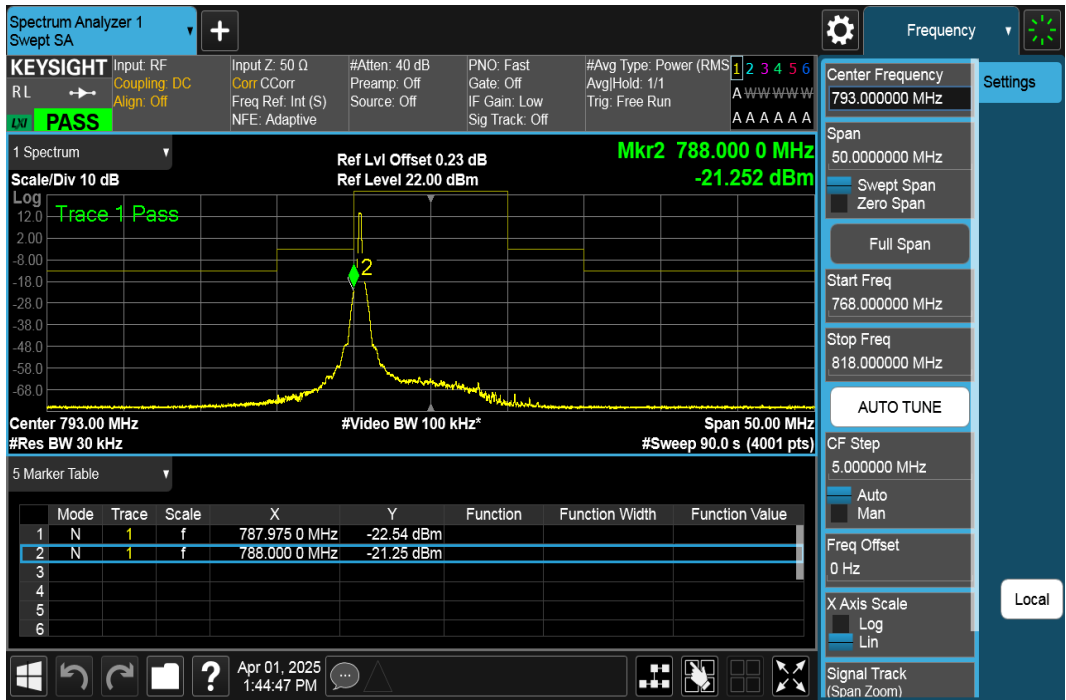
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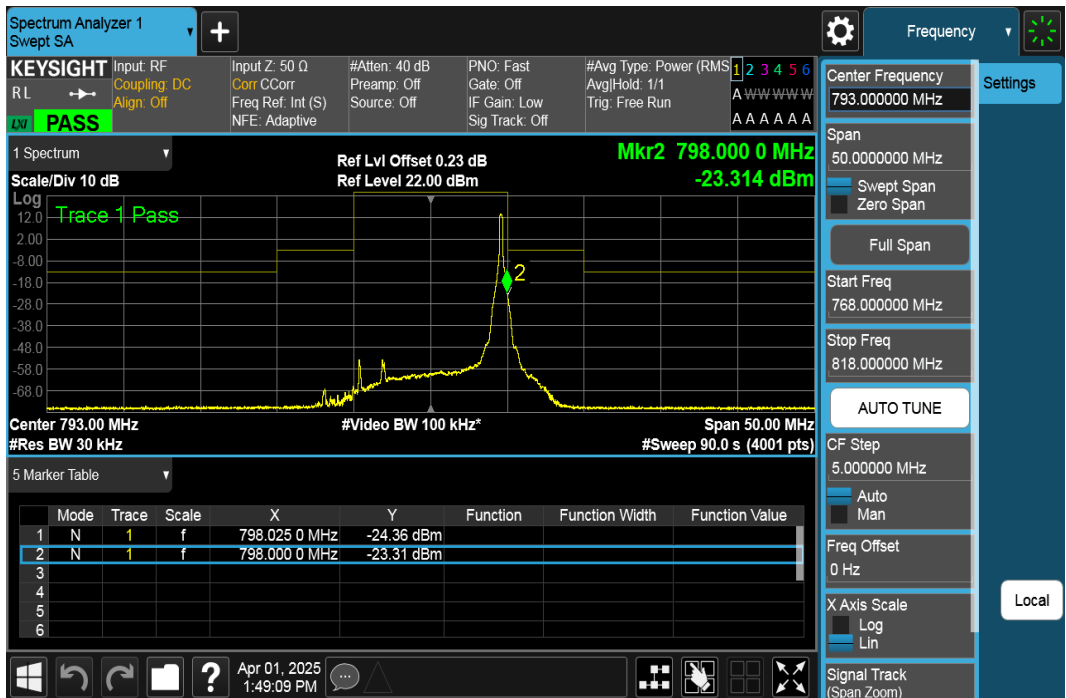
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N14-10M-Emission mask-MCH-CP-OFDM-QPSK-1RB0



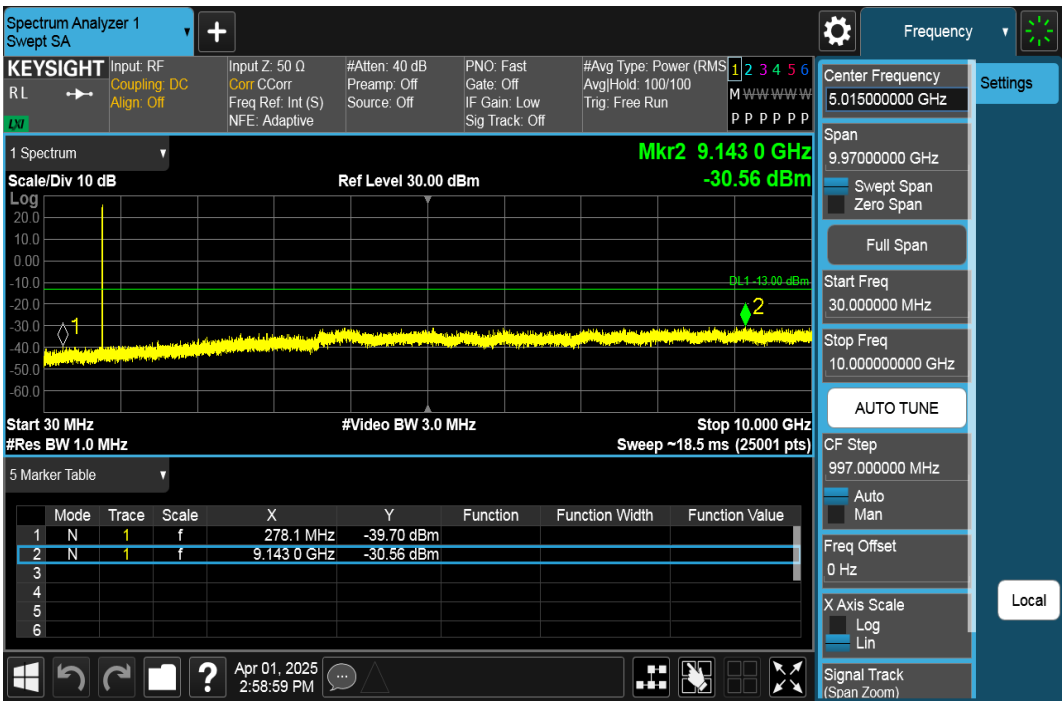
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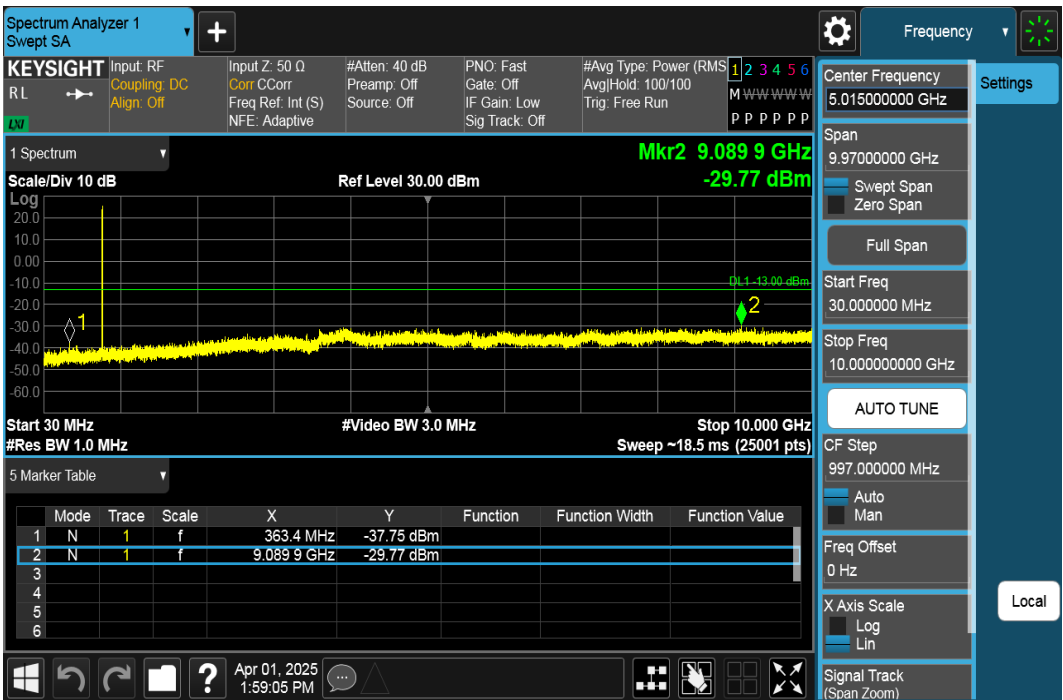
Conducted spurious emissions

test graph

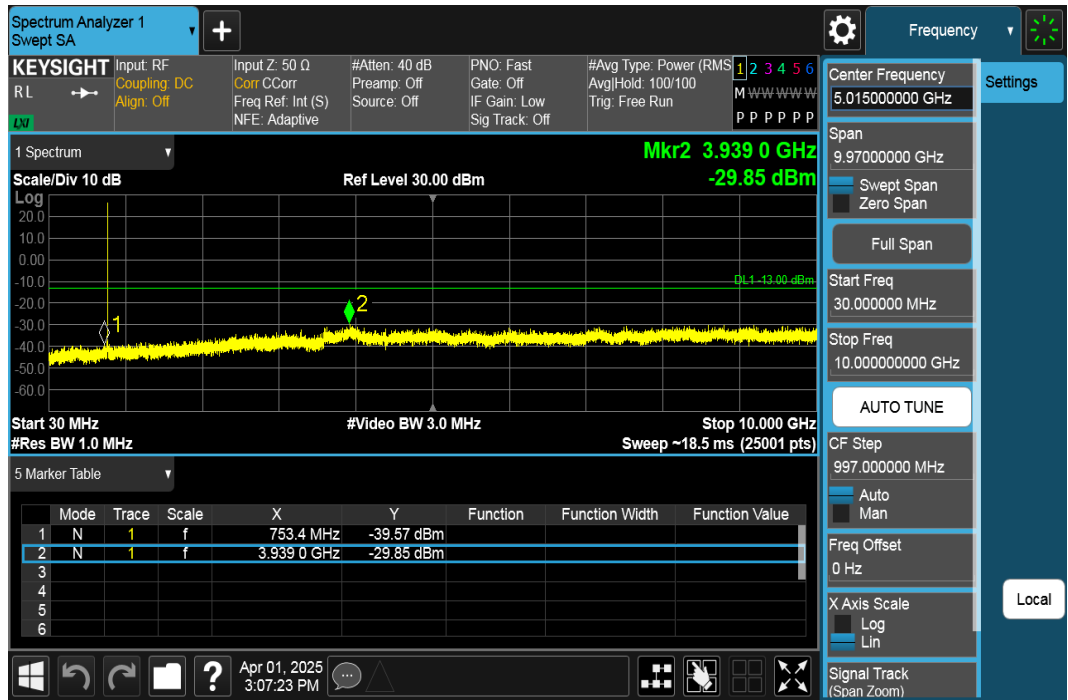
N14-5M-CSE-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



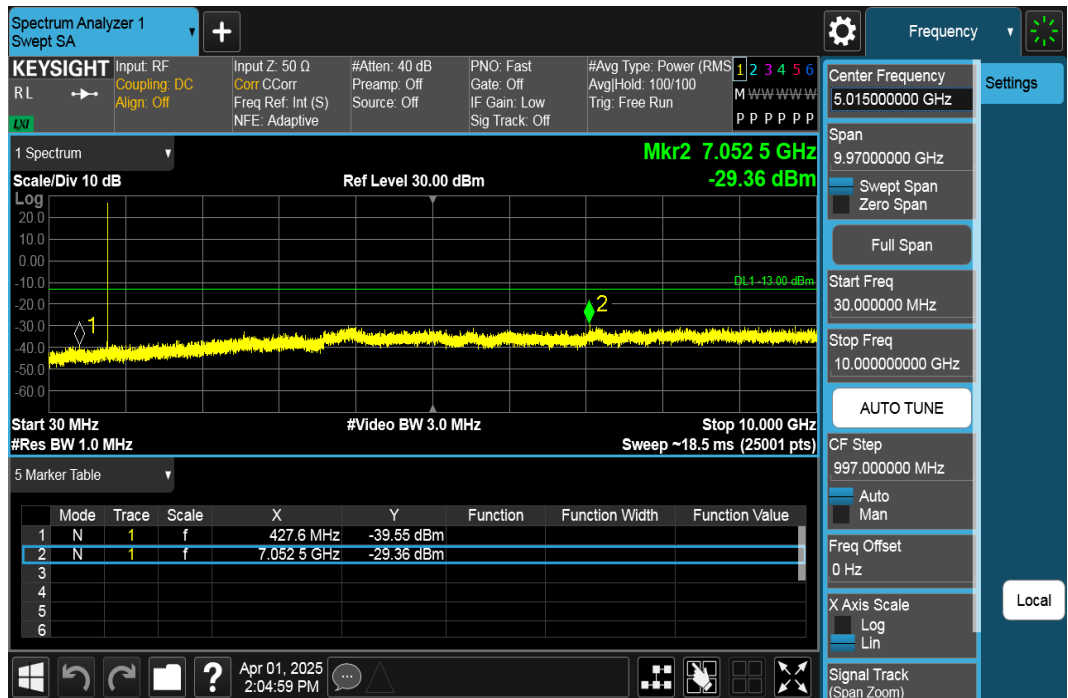
N14-5M-CSE-LCH-CP-OFDM-QPSK-1RB0-30MHz-10GHz



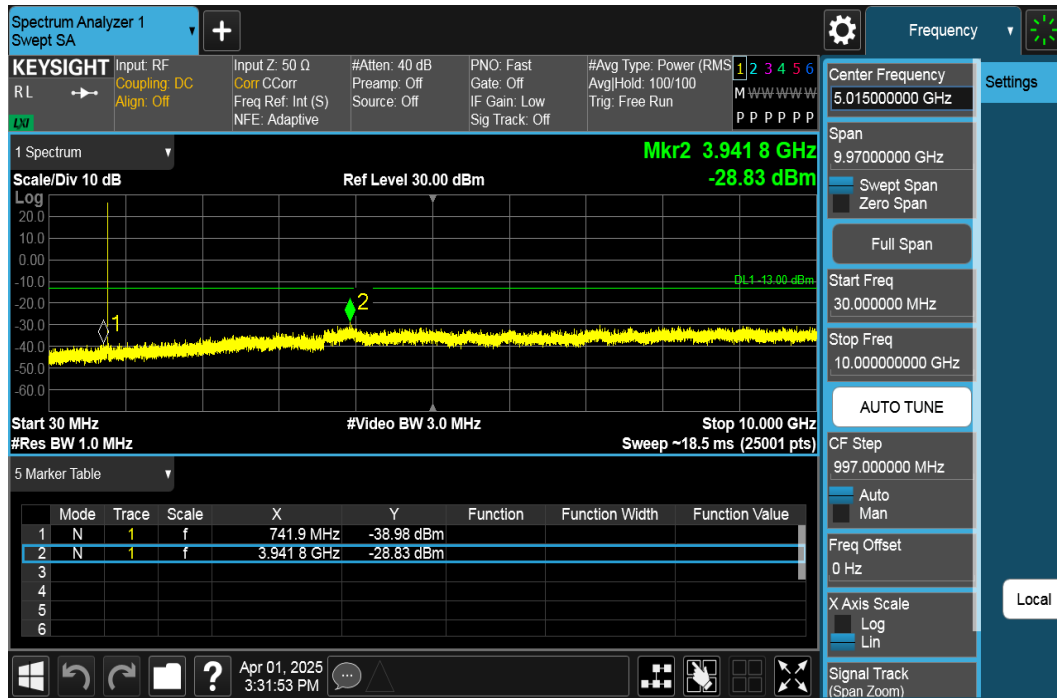
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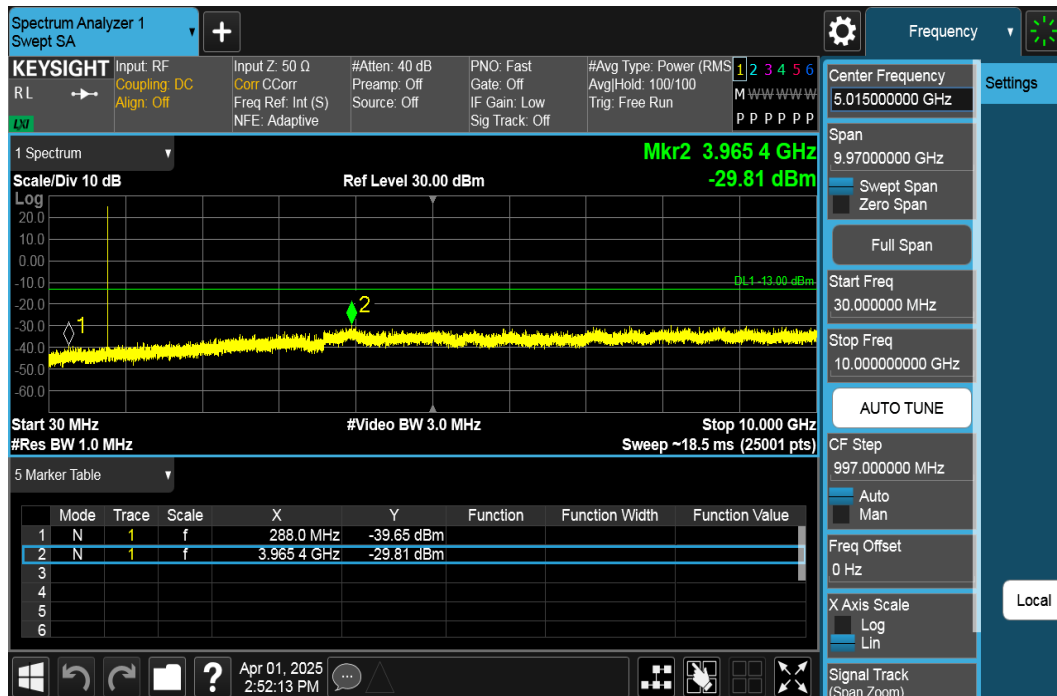
N14-5M-CSE-MCH-CP-OFDM-QPSK-1RB0-30MHz-10GHz



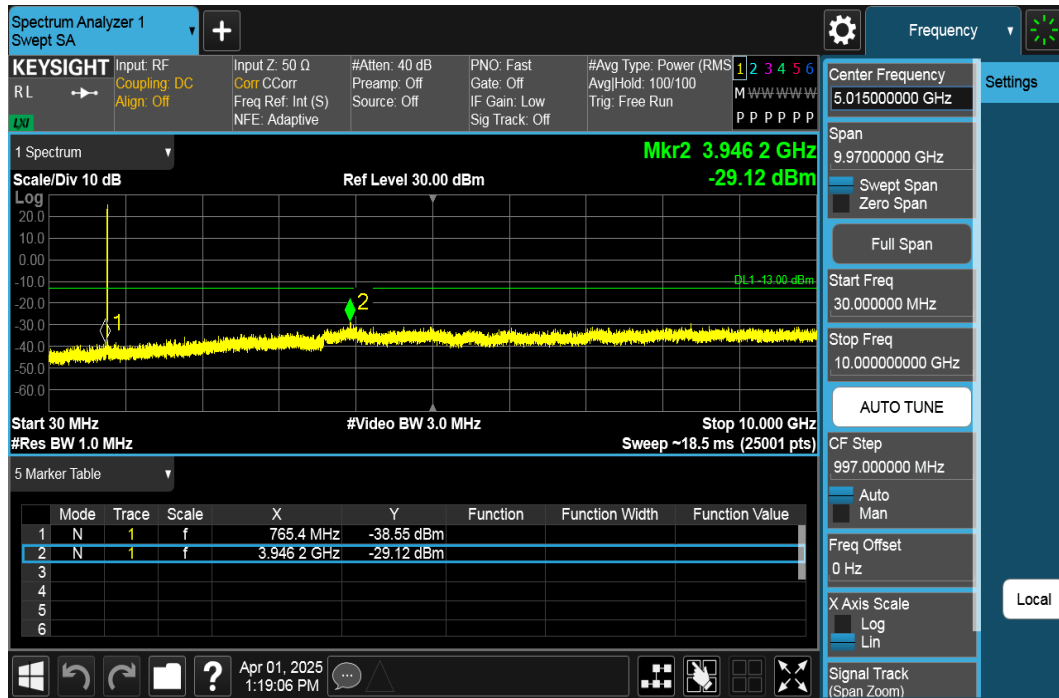
N14-5M-CSE-HCH-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



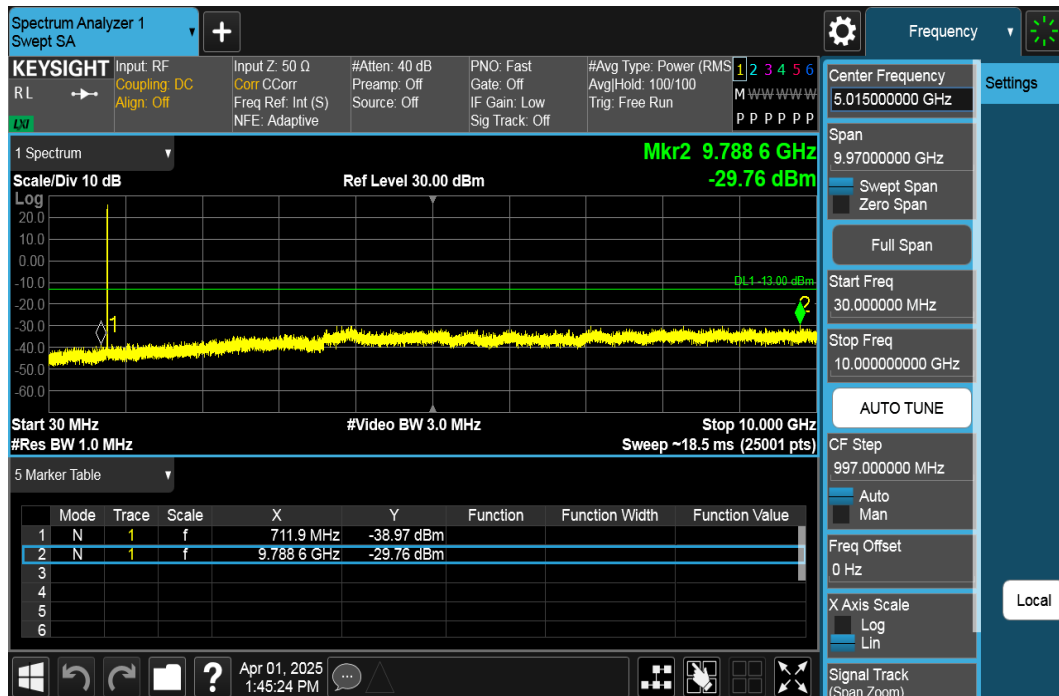
N14-5M-CSE-HCH-CP-OFDM-QPSK-1RB0-30MHz-10GHz



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



N14-10M-CSE-MCH-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	24.4	25.25	34.77	Pass	3
			Edge_Full_Right	24.31	25.16	34.77	Pass	3
			Edge_1RB_Left	24.49	25.34	34.77	Pass	3
			Edge_1RB_Right	24.42	25.27	34.77	Pass	3
			Outer_Full	24.48	25.33	34.77	Pass	3
			Inner_Full	24.74	25.59	34.77	Pass	3
			Inner_1RB_Left	24.66	25.51	34.77	Pass	3
			Inner_1RB_Right	24.6	25.45	34.77	Pass	3
	DFT-s-OFDM QPSK		Edge_Full_Left	24.02	24.87	34.77	Pass	3
			Edge_Full_Right	24.1	24.95	34.77	Pass	3
			Edge_1RB_Left	23.96	24.81	34.77	Pass	3
			Edge_1RB_Right	24.07	24.92	34.77	Pass	3
			Outer_Full	23.98	24.83	34.77	Pass	3
			Inner_Full	24.47	25.32	34.77	Pass	3
			Inner_1RB_Left	24.54	25.39	34.77	Pass	3
			Inner_1RB_Right	24.72	25.57	34.77	Pass	3
	DFT-s-OFDM 16QAM		Edge_Full_Left	22.93	23.78	34.77	Pass	3
			Edge_Full_Right	23.01	23.86	34.77	Pass	3
			Edge_1RB_Left	22.88	23.73	34.77	Pass	3
			Edge_1RB_Right	22.86	23.71	34.77	Pass	3
			Outer_Full	23.21	24.06	34.77	Pass	3
			Inner_Full	24.25	25.1	34.77	Pass	3
			Inner_1RB_Left	23.47	24.32	34.77	Pass	3
			Inner_1RB_Right	23.94	24.79	34.77	Pass	3
	DFT-s-OFDM 64QAM		Edge_Full_Left	22.66	23.51	34.77	Pass	3
			Edge_Full_Right	22.96	23.81	34.77	Pass	3
			Edge_1RB_Left	22.53	23.38	34.77	Pass	3
			Edge_1RB_Right	22.47	23.32	34.77	Pass	3
			Outer_Full	22.9	23.75	34.77	Pass	3
			Inner_Full	22.74	23.59	34.77	Pass	3
			Inner_1RB_Left	22.81	23.66	34.77	Pass	3
			Inner_1RB_Right	22.76	23.61	34.77	Pass	3
	DFT-s-OFDM 256QAM		Edge_Full_Left	20.56	21.41	34.77	Pass	3
			Edge_Full_Right	20.63	21.48	34.77	Pass	3
			Edge_1RB_Left	20.23	21.08	34.77	Pass	3
			Edge_1RB_Right	20.37	21.22	34.77	Pass	3
			Outer_Full	20.54	21.39	34.77	Pass	3
			Inner_Full	20.43	21.28	34.77	Pass	3
			Inner_1RB_Left	20.32	21.17	34.77	Pass	3

	CP-OFDM QPSK	793MHz	Inner_1RB_Right	20.42	21.27	34.77	Pass	3
			Edge_Full_Left	22	22.85	34.77	Pass	3
			Edge_Full_Right	21.93	22.78	34.77	Pass	3
			Edge_1RB_Left	22.22	23.07	34.77	Pass	3
			Edge_1RB_Right	22.2	23.05	34.77	Pass	3
			Outer_Full	22.31	23.16	34.77	Pass	3
			Inner_Full	23.89	24.74	34.77	Pass	3
			Inner_1RB_Left	23.34	24.19	34.77	Pass	3
			Inner_1RB_Right	23.5	24.35	34.77	Pass	3
	CP-OFDM 16QAM		Edge_Full_Left	21.87	22.72	34.77	Pass	3
			Edge_Full_Right	21.77	22.62	34.77	Pass	3
			Edge_1RB_Left	22.61	23.46	34.77	Pass	3
			Edge_1RB_Right	22.35	23.2	34.77	Pass	3
			Outer_Full	21.94	22.79	34.77	Pass	3
			Inner_Full	23.09	23.94	34.77	Pass	3
			Inner_1RB_Left	23.56	24.41	34.77	Pass	3
			Inner_1RB_Right	23.57	24.42	34.77	Pass	3
			CP-OFDM 64QAM	Edge_Full_Left	21.14	21.99	34.77	Pass
	Edge_Full_Right			21.07	21.92	34.77	Pass	3
	Edge_1RB_Left			21.41	22.26	34.77	Pass	3
	Edge_1RB_Right			21.55	22.4	34.77	Pass	3
	Outer_Full			21.62	22.47	34.77	Pass	3
	Inner_Full			21.67	22.52	34.77	Pass	3
	Inner_1RB_Left			21.18	22.03	34.77	Pass	3
	Inner_1RB_Right			21.18	22.03	34.77	Pass	3
	CP-OFDM 256QAM			Edge_Full_Left	18.74	19.59	34.77	Pass
			Edge_Full_Right	18.65	19.5	34.77	Pass	3
			Edge_1RB_Left	18.87	19.72	34.77	Pass	3
			Edge_1RB_Right	19.04	19.89	34.77	Pass	3
			Outer_Full	18.42	19.27	34.77	Pass	3
			Inner_Full	18.28	19.13	34.77	Pass	3
			Inner_1RB_Left	19.15	20	34.77	Pass	3
			Inner_1RB_Right	18.94	19.79	34.77	Pass	3
			DFT-s-OFDM PI/2 BPSK	Edge_Full_Left	24.47	25.32	34.77	Pass
	Edge_Full_Right			24.22	25.07	34.77	Pass	3
	Edge_1RB_Left			24.15	25	34.77	Pass	3
	Edge_1RB_Right			24.21	25.06	34.77	Pass	3
	Outer_Full			24.52	25.37	34.77	Pass	3
	Inner_Full			24.66	25.51	34.77	Pass	3
	Inner_1RB_Left			24.27	25.12	34.77	Pass	3
	Inner_1RB_Right			24.54	25.39	34.77	Pass	3
	DFT-s-OFDM QPSK			Edge_Full_Left	23.91	24.76	34.77	Pass
			Edge_Full_Right	24.06	24.91	34.77	Pass	3

		Edge_1RB_Left	24.29	25.14	34.77	Pass	3
		Edge_1RB_Right	23.93	24.78	34.77	Pass	3
		Outer_Full	24.12	24.97	34.77	Pass	3
		Inner_Full	24.49	25.34	34.77	Pass	3
		Inner_1RB_Left	24.63	25.48	34.77	Pass	3
		Inner_1RB_Right	24.73	25.58	34.77	Pass	3
	DFT-s-OFDM 16QAM	Edge_Full_Left	22.92	23.77	34.77	Pass	3
		Edge_Full_Right	22.91	23.76	34.77	Pass	3
		Edge_1RB_Left	22.76	23.61	34.77	Pass	3
		Edge_1RB_Right	23.07	23.92	34.77	Pass	3
		Outer_Full	23.13	23.98	34.77	Pass	3
		Inner_Full	23.76	24.61	34.77	Pass	3
	DFT-s-OFDM 64QAM	Inner_1RB_Left	23.59	24.44	34.77	Pass	3
		Inner_1RB_Right	23.54	24.39	34.77	Pass	3
		Edge_Full_Left	22.63	23.48	34.77	Pass	3
		Edge_Full_Right	22.75	23.6	34.77	Pass	3
		Edge_1RB_Left	22.9	23.75	34.77	Pass	3
		Edge_1RB_Right	22.69	23.54	34.77	Pass	3
	DFT-s-OFDM 256QAM	Outer_Full	22.7	23.55	34.77	Pass	3
		Inner_Full	22.42	23.27	34.77	Pass	3
		Inner_1RB_Left	22.56	23.41	34.77	Pass	3
		Inner_1RB_Right	22.8	23.65	34.77	Pass	3
		Edge_Full_Left	20.92	21.77	34.77	Pass	3
		Edge_Full_Right	21.03	21.88	34.77	Pass	3
	CP-OFDM QPSK	Edge_1RB_Left	20.4	21.25	34.77	Pass	3
		Edge_1RB_Right	20.77	21.62	34.77	Pass	3
		Outer_Full	20.73	21.58	34.77	Pass	3
		Inner_Full	20.37	21.22	34.77	Pass	3
		Inner_1RB_Left	20.54	21.39	34.77	Pass	3
		Inner_1RB_Right	20.53	21.38	34.77	Pass	3
	CP-OFDM 16QAM	Edge_Full_Left	22.26	23.11	34.77	Pass	3
		Edge_Full_Right	22.13	22.98	34.77	Pass	3
		Edge_1RB_Left	21.71	22.56	34.77	Pass	3
		Edge_1RB_Right	21.6	22.45	34.77	Pass	3
		Outer_Full	22.16	23.01	34.77	Pass	3
		Inner_Full	23.58	24.43	34.77	Pass	3
		Inner_1RB_Left	23.12	23.97	34.77	Pass	3
		Inner_1RB_Right	23.44	24.29	34.77	Pass	3
		Edge_Full_Left	22.06	22.91	34.77	Pass	3
		Edge_Full_Right	21.65	22.5	34.77	Pass	3
		Edge_1RB_Left	22.14	22.99	34.77	Pass	3
		Edge_1RB_Right	22.32	23.17	34.77	Pass	3
		Outer_Full	21.91	22.76	34.77	Pass	3

			Inner_Full	23.3	24.15	34.77	Pass	3		
			Inner_1RB_Left	23.07	23.92	34.77	Pass	3		
			Inner_1RB_Right	23.19	24.04	34.77	Pass	3		
	CP-OFDM 64QAM		Edge_Full_Left	20.92	21.77	34.77	Pass	3		
			Edge_Full_Right	21.01	21.86	34.77	Pass	3		
			Edge_1RB_Left	21.55	22.4	34.77	Pass	3		
			Edge_1RB_Right	21.66	22.51	34.77	Pass	3		
			Outer_Full	21.84	22.69	34.77	Pass	3		
			Inner_Full	21.34	22.19	34.77	Pass	3		
			Inner_1RB_Left	21.25	22.1	34.77	Pass	3		
			Inner_1RB_Right	21.31	22.16	34.77	Pass	3		
			Edge_Full_Left	18.6	19.45	34.77	Pass	3		
	CP-OFDM 256QAM		Edge_Full_Right	18.81	19.66	34.77	Pass	3		
			Edge_1RB_Left	19.01	19.86	34.77	Pass	3		
			Edge_1RB_Right	19.05	19.9	34.77	Pass	3		
			Outer_Full	18.56	19.41	34.77	Pass	3		
			Inner_Full	18.26	19.11	34.77	Pass	3		
			Inner_1RB_Left	18.92	19.77	34.77	Pass	3		
			Inner_1RB_Right	19.3	20.15	34.77	Pass	3		
			DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	24.52	25.37	34.77	Pass	3
					Edge_Full_Right	24.6	25.45	34.77	Pass	3
	Edge_1RB_Left	24.09			24.94	34.77	Pass	3		
	Edge_1RB_Right	24.4			25.25	34.77	Pass	3		
	Outer_Full	24.71			25.56	34.77	Pass	3		
	Inner_Full	25			25.85	34.77	Pass	3		
	Inner_1RB_Left	24.66			25.51	34.77	Pass	3		
	Inner_1RB_Right	24.64			25.49	34.77	Pass	3		
	DFT-s-OFDM QPSK	795.5MHz			Edge_Full_Left	24.1	24.95	34.77	Pass	3
			Edge_Full_Right	23.33	24.18	34.77	Pass	3		
			Edge_1RB_Left	23.81	24.66	34.77	Pass	3		
			Edge_1RB_Right	23.41	24.26	34.77	Pass	3		
			Outer_Full	24.02	24.87	34.77	Pass	3		
Inner_Full			24.87	25.72	34.77	Pass	3			
Inner_1RB_Left			24.48	25.33	34.77	Pass	3			
Inner_1RB_Right			23.94	24.79	34.77	Pass	3			
DFT-s-OFDM 16QAM				Edge_Full_Left	22.8	23.65	34.77	Pass	3	
	Edge_Full_Right	21.83		22.68	34.77	Pass	3			
	Edge_1RB_Left	22.74		23.59	34.77	Pass	3			
	Edge_1RB_Right	22.11		22.96	34.77	Pass	3			
	Outer_Full	22.82		23.67	34.77	Pass	3			
	Inner_Full	23.88		24.73	34.77	Pass	3			
	Inner_1RB_Left	24.01		24.86	34.77	Pass	3			
	Inner_1RB_Right	22.98		23.83	34.77	Pass	3			

	DFT-s-OFDM 64QAM	Edge_Full_Left	22.65	23.5	34.77	Pass	3
		Edge_Full_Right	22.11	22.96	34.77	Pass	3
		Edge_1RB_Left	22.18	23.03	34.77	Pass	3
		Edge_1RB_Right	21.64	22.49	34.77	Pass	3
		Outer_Full	22.31	23.16	34.77	Pass	3
		Inner_Full	22.29	23.14	34.77	Pass	3
		Inner_1RB_Left	22.36	23.21	34.77	Pass	3
		Inner_1RB_Right	21.77	22.62	34.77	Pass	3
	DFT-s-OFDM 256QAM	Edge_Full_Left	20.85	21.7	34.77	Pass	3
		Edge_Full_Right	20.27	21.12	34.77	Pass	3
		Edge_1RB_Left	20.73	21.58	34.77	Pass	3
		Edge_1RB_Right	20.05	20.9	34.77	Pass	3
		Outer_Full	20.79	21.64	34.77	Pass	3
		Inner_Full	20.76	21.61	34.77	Pass	3
		Inner_1RB_Left	20.6	21.45	34.77	Pass	3
		Inner_1RB_Right	20.28	21.13	34.77	Pass	3
	CP-OFDM QPSK	Edge_Full_Left	22.28	23.13	34.77	Pass	3
		Edge_Full_Right	21.94	22.79	34.77	Pass	3
		Edge_1RB_Left	22.07	22.92	34.77	Pass	3
		Edge_1RB_Right	21.83	22.68	34.77	Pass	3
		Outer_Full	22.27	23.12	34.77	Pass	3
		Inner_Full	23.08	23.93	34.77	Pass	3
		Inner_1RB_Left	23.57	24.42	34.77	Pass	3
		Inner_1RB_Right	22.72	23.57	34.77	Pass	3
	CP-OFDM 16QAM	Edge_Full_Left	22.07	22.92	34.77	Pass	3
		Edge_Full_Right	21.84	22.69	34.77	Pass	3
		Edge_1RB_Left	22.07	22.92	34.77	Pass	3
		Edge_1RB_Right	21.99	22.84	34.77	Pass	3
		Outer_Full	22.11	22.96	34.77	Pass	3
		Inner_Full	22.8	23.65	34.77	Pass	3
		Inner_1RB_Left	23.18	24.03	34.77	Pass	3
		Inner_1RB_Right	22.68	23.53	34.77	Pass	3
	CP-OFDM 64QAM	Edge_Full_Left	21.26	22.11	34.77	Pass	3
		Edge_Full_Right	21.39	22.24	34.77	Pass	3
		Edge_1RB_Left	21.88	22.73	34.77	Pass	3
		Edge_1RB_Right	21.85	22.7	34.77	Pass	3
		Outer_Full	21.97	22.82	34.77	Pass	3
		Inner_Full	21.39	22.24	34.77	Pass	3
		Inner_1RB_Left	21.5	22.35	34.77	Pass	3
		Inner_1RB_Right	21.63	22.48	34.77	Pass	3
	CP-OFDM 256QAM	Edge_Full_Left	19.22	20.07	34.77	Pass	3
		Edge_Full_Right	19.28	20.13	34.77	Pass	3
		Edge_1RB_Left	19.3	20.15	34.77	Pass	3

			Edge_1RB_Right	19.35	20.2	34.77	Pass	3
			Outer_Full	18.87	19.72	34.77	Pass	3
			Inner_Full	18.26	19.11	34.77	Pass	3
			Inner_1RB_Left	19.27	20.12	34.77	Pass	3
			Inner_1RB_Right	19.26	20.11	34.77	Pass	3
	DFT-s-OFDM PI/2 BPSK	793MHz	Edge_Full_Left	24.27	25.12	34.77	Pass	3
			Edge_Full_Right	24.46	25.31	34.77	Pass	3
			Edge_1RB_Left	24.25	25.1	34.77	Pass	3
			Edge_1RB_Right	23.9	24.75	34.77	Pass	3
			Outer_Full	24.18	25.03	34.77	Pass	3
			Inner_Full	24.31	25.16	34.77	Pass	3
			Inner_1RB_Left	24.08	24.93	34.77	Pass	3
			Inner_1RB_Right	24.46	25.31	34.77	Pass	3
	DFT-s-OFDM QPSK		Edge_Full_Left	23.83	24.68	34.77	Pass	3
			Edge_Full_Right	23.52	24.37	34.77	Pass	3
			Edge_1RB_Left	23.86	24.71	34.77	Pass	3
			Edge_1RB_Right	23.84	24.69	34.77	Pass	3
			Outer_Full	23.92	24.77	34.77	Pass	3
			Inner_Full	24.35	25.2	34.77	Pass	3
			Inner_1RB_Left	24.3	25.15	34.77	Pass	3
			Inner_1RB_Right	24.27	25.12	34.77	Pass	3
	DFT-s-OFDM 16QAM		Edge_Full_Left	22.85	23.7	34.77	Pass	3
			Edge_Full_Right	22.71	23.56	34.77	Pass	3
			Edge_1RB_Left	22.74	23.59	34.77	Pass	3
			Edge_1RB_Right	22.64	23.49	34.77	Pass	3
			Outer_Full	23.31	24.16	34.77	Pass	3
			Inner_Full	23.92	24.77	34.77	Pass	3
			Inner_1RB_Left	23.24	24.09	34.77	Pass	3
			Inner_1RB_Right	23.62	24.47	34.77	Pass	3
	DFT-s-OFDM 64QAM		Edge_Full_Left	22.41	23.26	34.77	Pass	3
			Edge_Full_Right	22.51	23.36	34.77	Pass	3
			Edge_1RB_Left	22.34	23.19	34.77	Pass	3
			Edge_1RB_Right	22.36	23.21	34.77	Pass	3
			Outer_Full	22.54	23.39	34.77	Pass	3
			Inner_Full	22.36	23.21	34.77	Pass	3
			Inner_1RB_Left	22.43	23.28	34.77	Pass	3
			Inner_1RB_Right	22.56	23.41	34.77	Pass	3
	DFT-s-OFDM 256QAM		Edge_Full_Left	20.5	21.35	34.77	Pass	3
			Edge_Full_Right	20.7	21.55	34.77	Pass	3
			Edge_1RB_Left	20.3	21.15	34.77	Pass	3
			Edge_1RB_Right	20.59	21.44	34.77	Pass	3
			Outer_Full	20.14	20.99	34.77	Pass	3
			Inner_Full	20.17	21.02	34.77	Pass	3

	CP-OFDM QPSK	Inner_1RB_Left	20.34	21.19	34.77	Pass	3
		Inner_1RB_Right	20.44	21.29	34.77	Pass	3
		Edge_Full_Left	21.88	22.73	34.77	Pass	3
		Edge_Full_Right	21.87	22.72	34.77	Pass	3
		Edge_1RB_Left	21.44	22.29	34.77	Pass	3
		Edge_1RB_Right	21.28	22.13	34.77	Pass	3
		Outer_Full	21.92	22.77	34.77	Pass	3
		Inner_Full	23.31	24.16	34.77	Pass	3
		Inner_1RB_Left	23.22	24.07	34.77	Pass	3
	CP-OFDM 16QAM	Inner_1RB_Right	23.25	24.1	34.77	Pass	3
		Edge_Full_Left	21.61	22.46	34.77	Pass	3
		Edge_Full_Right	21.43	22.28	34.77	Pass	3
		Edge_1RB_Left	22.18	23.03	34.77	Pass	3
		Edge_1RB_Right	21.8	22.65	34.77	Pass	3
		Outer_Full	22.03	22.88	34.77	Pass	3
		Inner_Full	22.64	23.49	34.77	Pass	3
		Inner_1RB_Left	22.93	23.78	34.77	Pass	3
		Inner_1RB_Right	23.21	24.06	34.77	Pass	3
	CP-OFDM 64QAM	Edge_Full_Left	21.1	21.95	34.77	Pass	3
		Edge_Full_Right	21.07	21.92	34.77	Pass	3
		Edge_1RB_Left	21.4	22.25	34.77	Pass	3
		Edge_1RB_Right	21.33	22.18	34.77	Pass	3
		Outer_Full	21.32	22.17	34.77	Pass	3
		Inner_Full	21.43	22.28	34.77	Pass	3
		Inner_1RB_Left	21.38	22.23	34.77	Pass	3
		Inner_1RB_Right	21.25	22.1	34.77	Pass	3
		Edge_Full_Left	18.51	19.36	34.77	Pass	3
	CP-OFDM 256QAM	Edge_Full_Right	18.35	19.2	34.77	Pass	3
		Edge_1RB_Left	18.54	19.39	34.77	Pass	3
		Edge_1RB_Right	19.09	19.94	34.77	Pass	3
		Outer_Full	18.33	19.18	34.77	Pass	3
		Inner_Full	18.1	18.95	34.77	Pass	3
		Inner_1RB_Left	19.06	19.91	34.77	Pass	3
		Inner_1RB_Right	19.14	19.99	34.77	Pass	3

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	793	Outer_Full	20	LV	-9.8	-0.0124	2.5	Pass
					HV	2.28	0.0029	2.5	Pass
				-30	NV	3.66	0.0046	2.5	Pass
				-20	NV	2.61	0.0033	2.5	Pass
				-10	NV	7.02	0.0089	2.5	Pass
				0	NV	8.22	0.0104	2.5	Pass
				10	NV	-8	-0.0101	2.5	Pass
				20	NV	9.94	0.0125	2.5	Pass
				30	NV	2.24	0.0028	2.5	Pass
				40	NV	3.92	0.0049	2.5	Pass
	50			NV	-7.98	-0.0101	2.5	Pass	
	CP-OFDM QPSK			20	LV	10.17	0.0128	2.5	Pass
					HV	2.7	0.0034	2.5	Pass
				-30	NV	8.96	0.0113	2.5	Pass
				-20	NV	6.35	0.0080	2.5	Pass
				-10	NV	9.45	0.0119	2.5	Pass
				0	NV	-4.91	-0.0062	2.5	Pass
				10	NV	-3	-0.0038	2.5	Pass
				20	NV	-6.1	-0.0077	2.5	Pass
				30	NV	2.4	0.0030	2.5	Pass
40		NV	-4.41	-0.0056	2.5	Pass			
50	NV	-3.11	-0.0039	2.5	Pass				
10MHz	DFT-s-OFDM PI/2 BPSK	793	Outer_Full	20	LV	-6.25	-0.0079	2.5	Pass
					HV	8.28	0.0104	2.5	Pass
				-30	NV	3.54	0.0045	2.5	Pass
				-20	NV	-3.52	-0.0044	2.5	Pass
				-10	NV	-4.4	-0.0055	2.5	Pass
				0	NV	-3.48	-0.0044	2.5	Pass
				10	NV	2.66	0.0034	2.5	Pass
				20	NV	7.41	0.0093	2.5	Pass
				30	NV	3.37	0.0042	2.5	Pass
				40	NV	4.98	0.0063	2.5	Pass
	50			NV	9.98	0.0126	2.5	Pass	
	CP-OFDM QPSK			20	LV	2.92	0.0037	2.5	Pass
					HV	9.24	0.0117	2.5	Pass
				-30	NV	4.78	0.0060	2.5	Pass
				-20	NV	-9.7	-0.0122	2.5	Pass

				-10	NV	-4.43	-0.0056	2.5	Pass
				0	NV	5.54	0.0070	2.5	Pass
				10	NV	-3.23	-0.0041	2.5	Pass
				20	NV	-2.66	-0.0034	2.5	Pass
				30	NV	-3.86	-0.0049	2.5	Pass
				40	NV	3.34	0.0042	2.5	Pass
				50	NV	-8.22	-0.0104	2.5	Pass

Field Strength of Spurious Radiation

NR N14-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1577.0	-71.2	-40	-31.2	-74.29	2.6	5.69	Horizontal	Pass
2365.5	-70.13	-13	-57.13	-72.65	2.98	5.5	Horizontal	Pass
3154.0	-67.79	-13	-54.79	-71.86	3.23	7.3	Horizontal	Pass
1577.0	-71.52	-40	-31.52	-74.61	2.6	5.69	Vertical	Pass
2365.5	-70.05	-13	-57.05	-72.57	2.98	5.5	Vertical	Pass
3154.0	-67.6	-13	-54.6	-71.67	3.23	7.3	Vertical	Pass

NR N14-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#1								
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	-70.44	-40	-30.44	-73.53	2.6	5.69	Horizontal	Pass
2364.75	-70.01	-13	-57.01	-72.53	2.98	5.5	Horizontal	Pass
3153.0	-67.61	-13	-54.61	-71.68	3.23	7.3	Horizontal	Pass
1576.5	-70.98	-40	-30.98	-74.07	2.6	5.69	Vertical	Pass
2364.75	-69.87	-13	-56.87	-72.39	2.98	5.5	Vertical	Pass
3153.0	-67.48	-13	-54.48	-71.55	3.23	7.3	Vertical	Pass

NR N14-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#1								
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	-70.45	-40	-30.45	-73.52	2.6	5.67	Horizontal	Pass
2372.25	-70.05	-13	-57.05	-72.57	2.99	5.51	Horizontal	Pass
3163.0	-67.49	-13	-54.49	-71.59	3.23	7.33	Horizontal	Pass
1581.5	-71.46	-40	-31.46	-74.53	2.6	5.67	Vertical	Pass
2372.25	-69.97	-13	-56.97	-72.49	2.99	5.51	Vertical	Pass
3163.0	-67.47	-13	-54.47	-71.57	3.23	7.33	Vertical	Pass

NR N14-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#1								
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	-71.17	-40	-31.17	-74.23	2.6	5.66	Horizontal	Pass
2379.75	-69.84	-13	-56.84	-72.38	2.99	5.53	Horizontal	Pass
3173.0	-67.5	-13	-54.5	-71.61	3.24	7.35	Horizontal	Pass
1586.5	-70.58	-40	-30.58	-73.64	2.6	5.66	Vertical	Pass
2379.75	-69.94	-13	-56.94	-72.48	2.99	5.53	Vertical	Pass
3173.0	-67.52	-13	-54.52	-71.63	3.24	7.35	Vertical	Pass