

99% & 26dB Bandwidth

Test Result

5G NR N77b(3700-3980MHz) SCS=30kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.65	9.81	/	Pass
CP-OFDM QPSK		Outer_Full	8.64	10.32	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.62	9.79	/	Pass
CP-OFDM QPSK		Outer_Full	8.67	10.22	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.65	9.84	/	Pass
CP-OFDM QPSK		Outer_Full	8.67	10.14	/	Pass

5G NR N77b(3700-3980MHz) SCS=30kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	12.97	14.73	/	Pass
CP-OFDM QPSK		Outer_Full	13.66	15.47	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	12.96	14.5	/	Pass
CP-OFDM QPSK		Outer_Full	13.67	15.37	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.99	14.74	/	Pass
CP-OFDM QPSK		Outer_Full	13.73	15.48	/	Pass

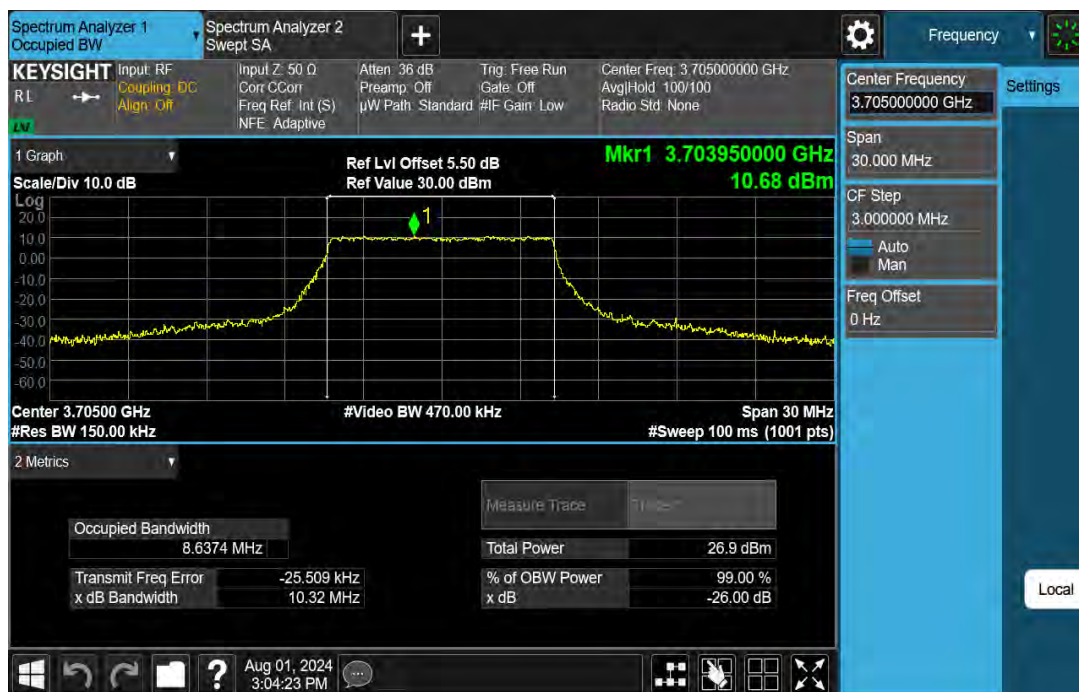
5G NR N77b(3700-3980MHz) SCS=30kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	17.9	19.58	/	Pass
CP-OFDM QPSK		Outer_Full	18.25	20.25	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.87	19.52	/	Pass
CP-OFDM QPSK		Outer_Full	18.24	20.11	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.96	19.52	/	Pass
CP-OFDM QPSK		Outer_Full	18.36	20.16	/	Pass

Test Graph

N77b(3700-3980MHz)-10M-OBW-L-DFT-s-OFDM-Pi2 BPSK



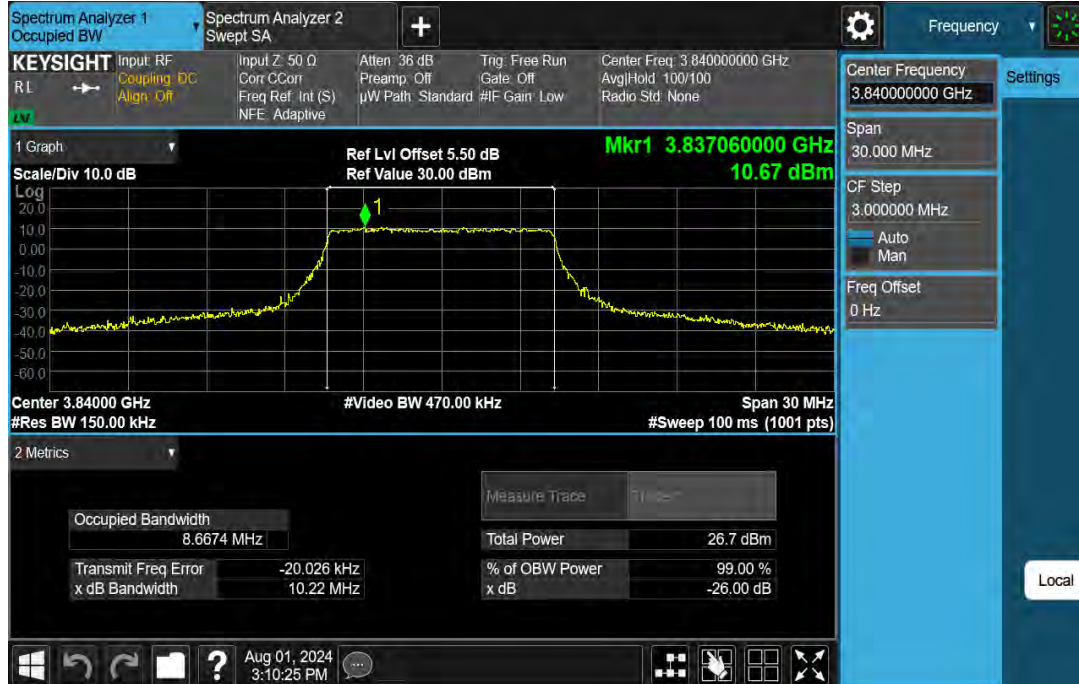
N77b(3700-3980MHz)-10M-OBW-L-CP-OFDM-QPSK



N77b(3700-3980MHz)-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



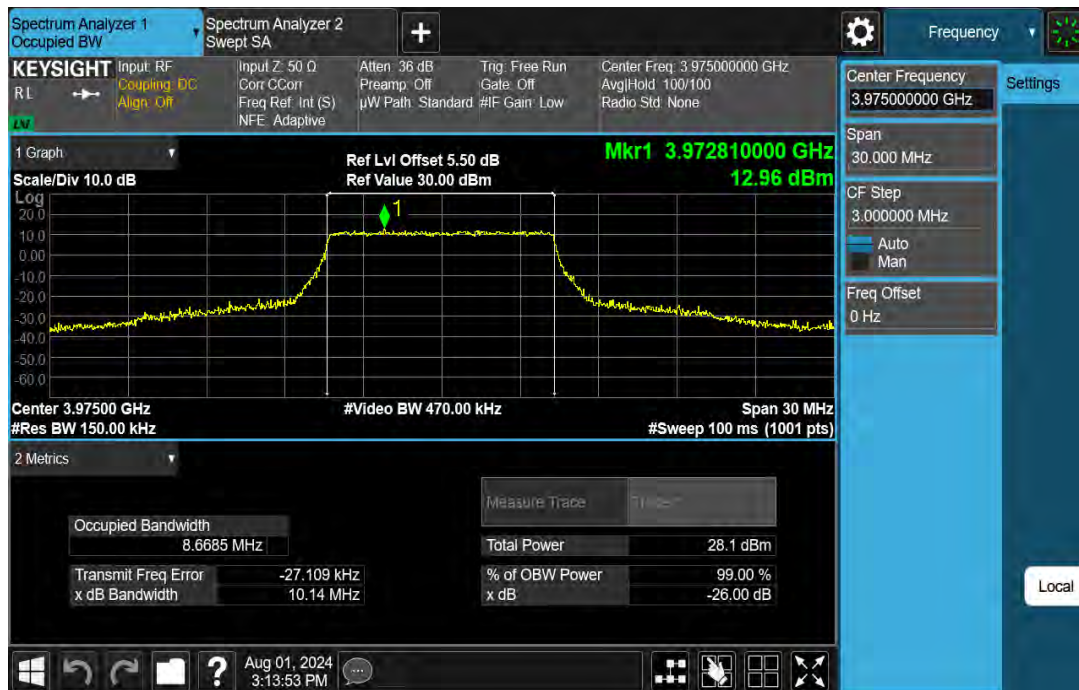
N77b(3700-3980MHz)-10M-OBW-M-CP-OFDM-QPSK



N77b(3700-3980MHz)-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N77b(3700-3980MHz)-10M-OBW-H-CP-OFDM-QPSK



N77b(3700-3980MHz)-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



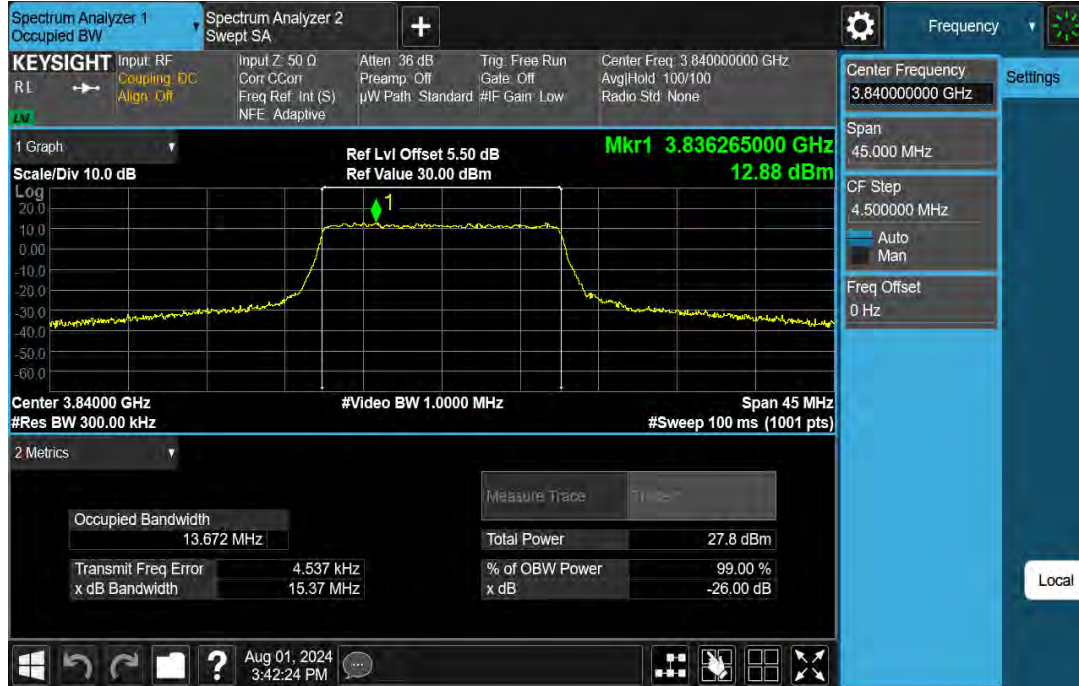
N77b(3700-3980MHz)-15M-OBW-L-CP-OFDM-QPSK



N77b(3700-3980MHz)-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N77b(3700-3980MHz)-15M-OBW-M-CP-OFDM-QPSK



N77b(3700-3980MHz)-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N77b(3700-3980MHz)-15M-OBW-H-CP-OFDM-QPSK



N77b(3700-3980MHz)-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N77b(3700-3980MHz)-20M-OBW-L-CP-OFDM-QPSK



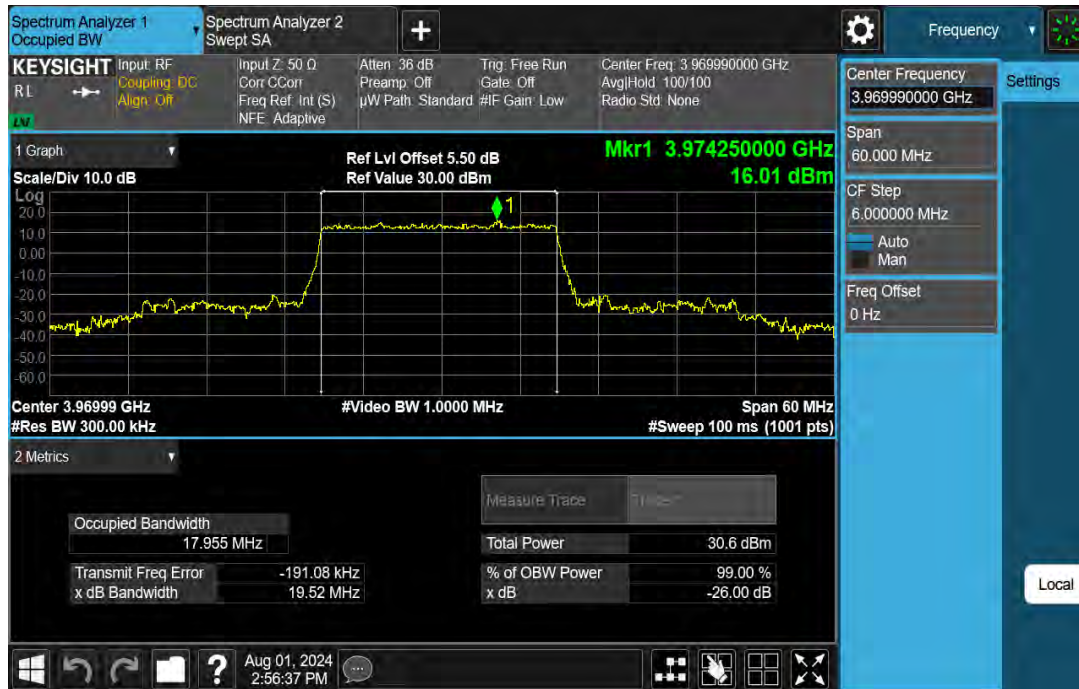
N77b(3700-3980MHz)-20M-OBW-M-DFT-s-OFDM-Pi2 BPSK



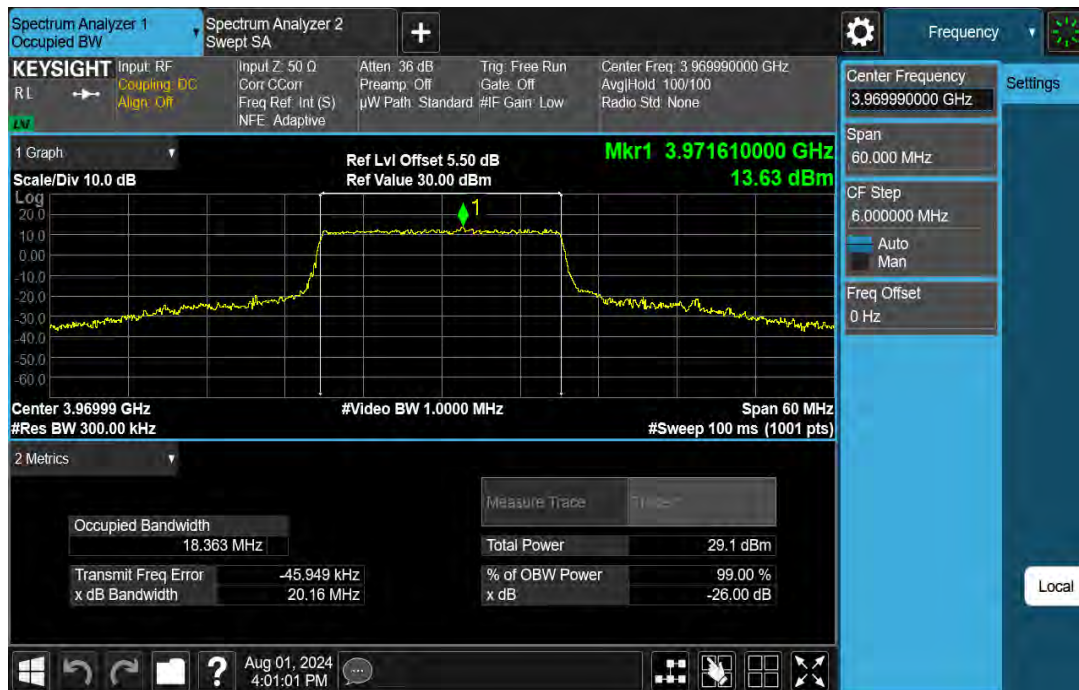
N77b(3700-3980MHz)-20M-OBW-M-CP-OFDM-QPSK



N77b(3700-3980MHz)-20M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N77b(3700-3980MHz)-20M-OBW-H-CP-OFDM-QPSK



Peak-Average Ratio

Test Result

5G NR N77b(3700-3980MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.28	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.89	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.07	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.99	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.35	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.3	<=13	Pass

5G NR N77b(3700-3980MHz) SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.26	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.83	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.43	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.91	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.87	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.26	<=13	Pass

5G NR N77b(3700-3980MHz) SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.22	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.76	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.36	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.86	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.7	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.14	<=13	Pass

Test Graph

N77b(3700-3980MHz)-10M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-10M-PAPR-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-10M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-10M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-10M-PAPR-H-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-15M-PAPR-H-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-M-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-20M-PAPR-H-CP-OFDM-QPSK-Outer_Full

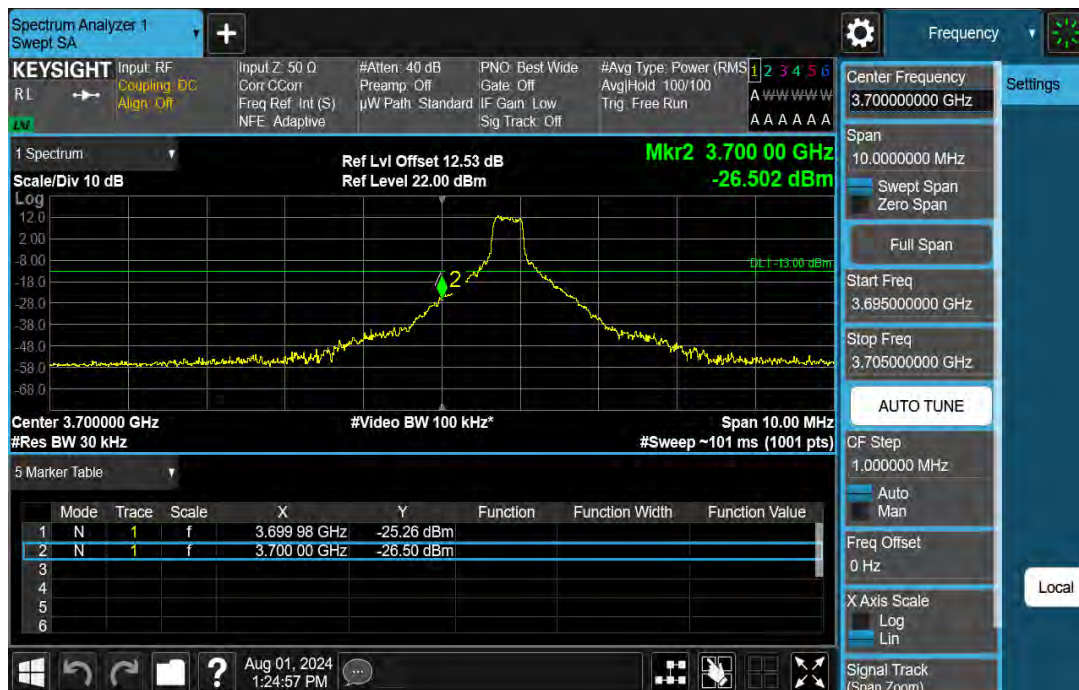


Bandedge test graph

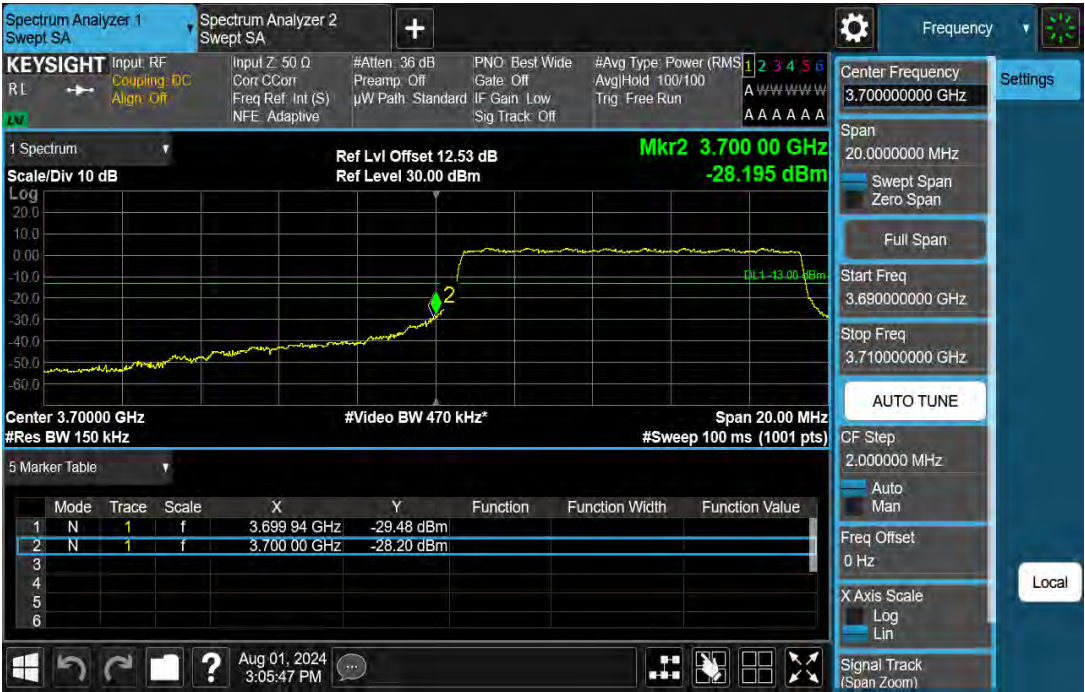
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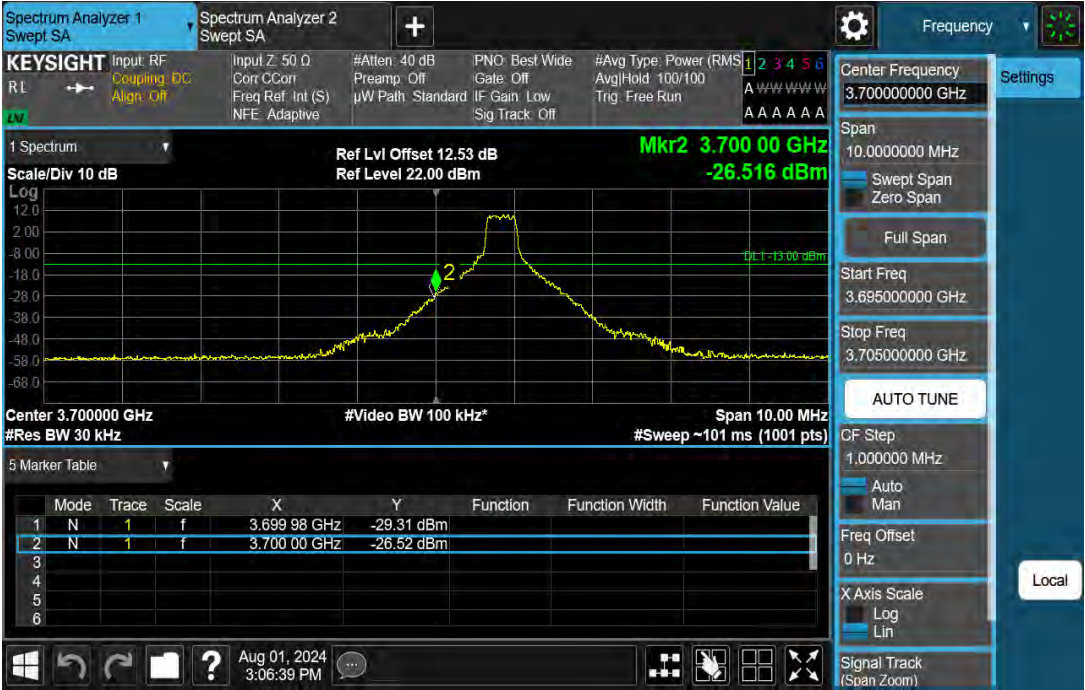
N77b(3700-3980MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N77b(3700-3980MHz)-10M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-10M-Bandedge-L-CP-OFDM-QPSK-1RB0



N77b(3700-3980MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



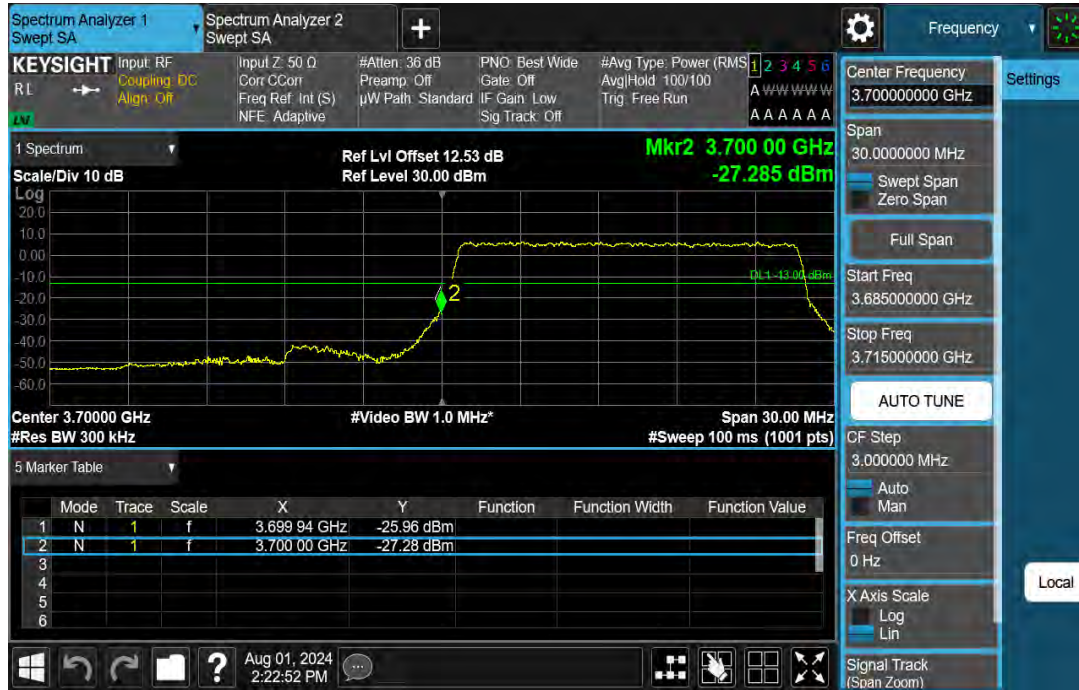
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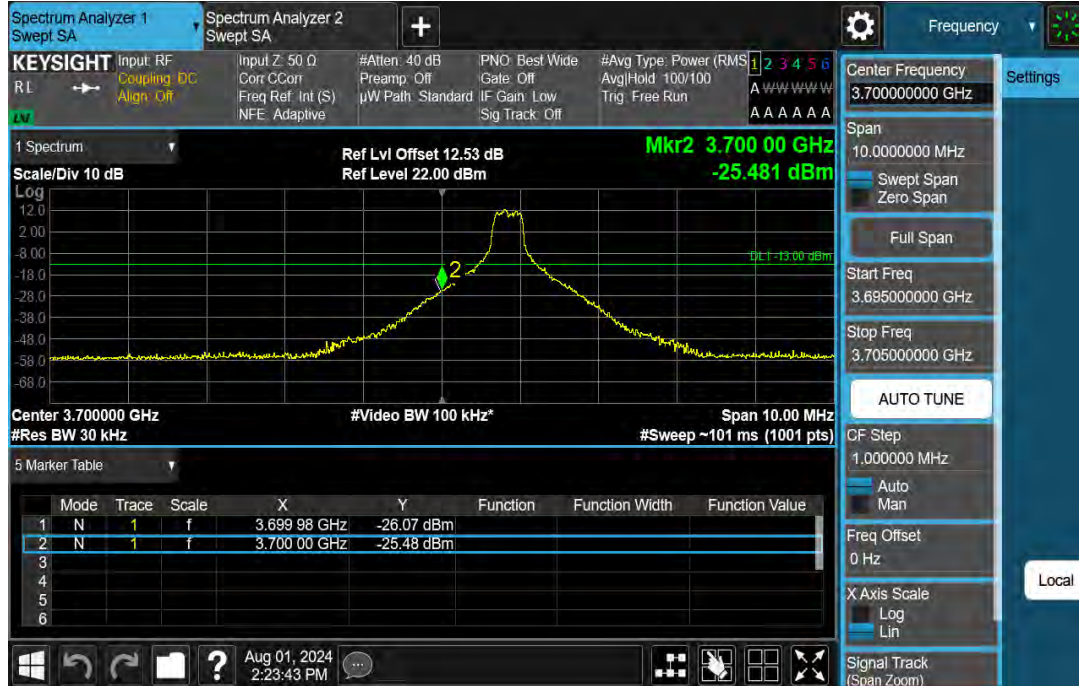
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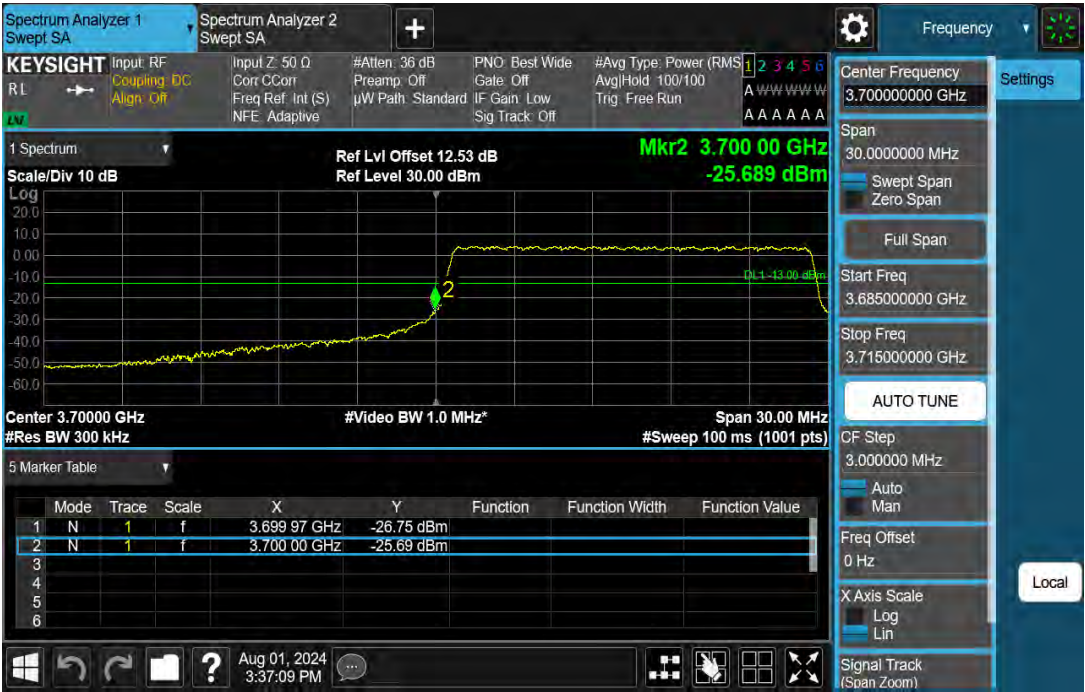
N77b(3700-3980MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outter_Full



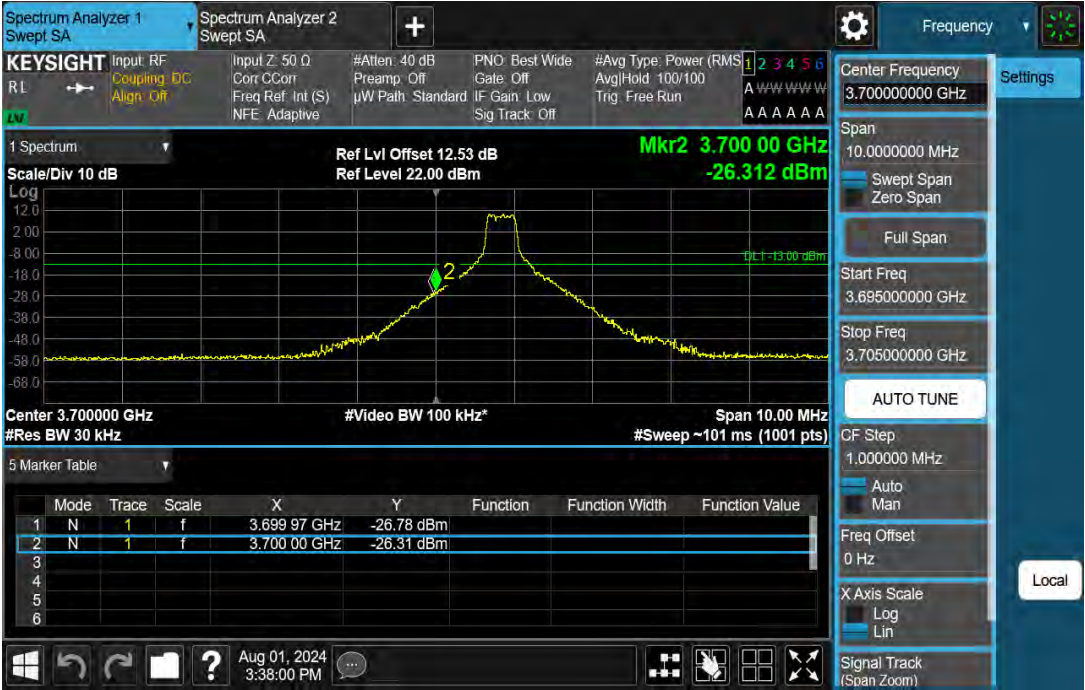
N77b(3700-3980MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N77b(3700-3980MHz)-15M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-15M-Bandedge-L-CP-OFDM-QPSK-1RB0



N77b(3700-3980MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outter_Full



N77b(3700-3980MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



N77b(3700-3980MHz)-15M-Bandedge-H-CP-OFDM-QPSK-Outer_Full



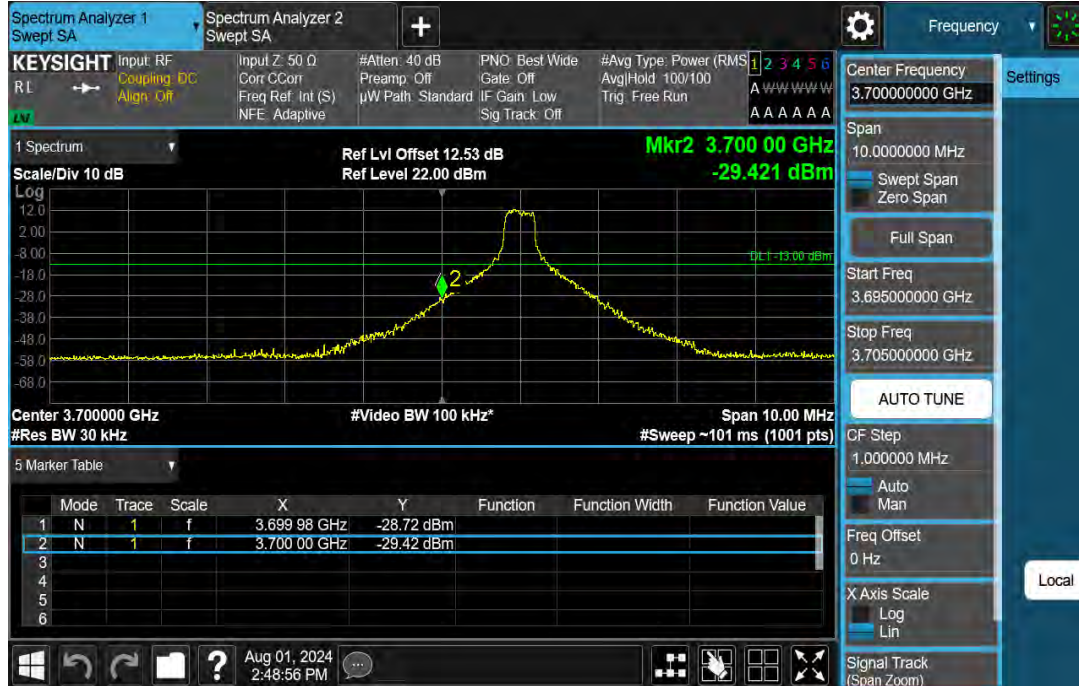
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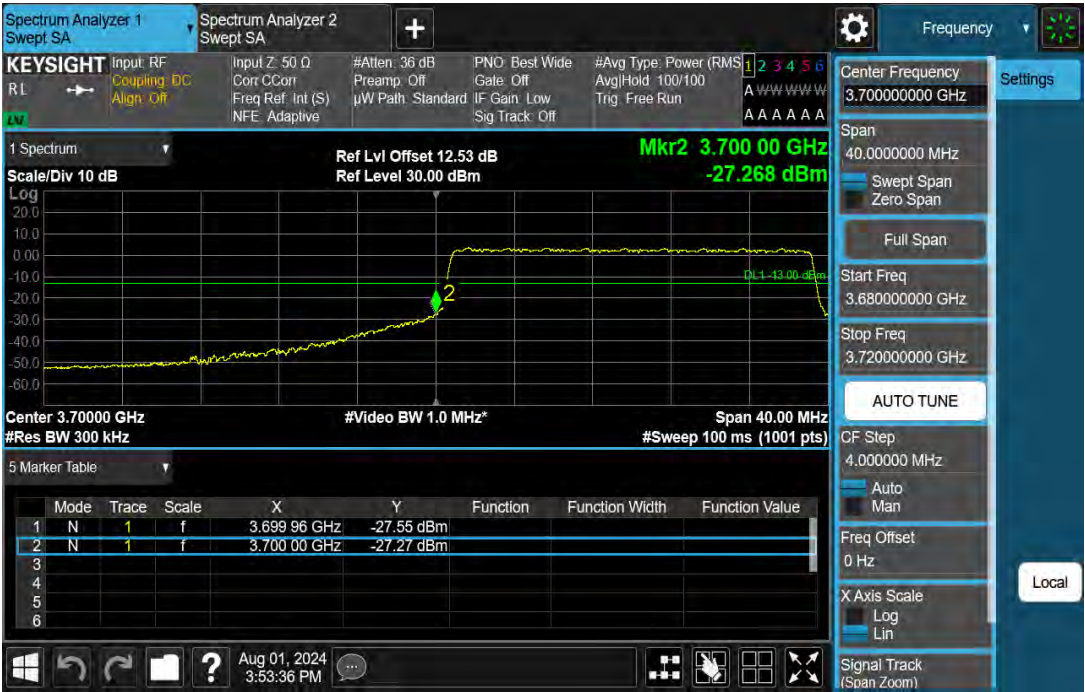
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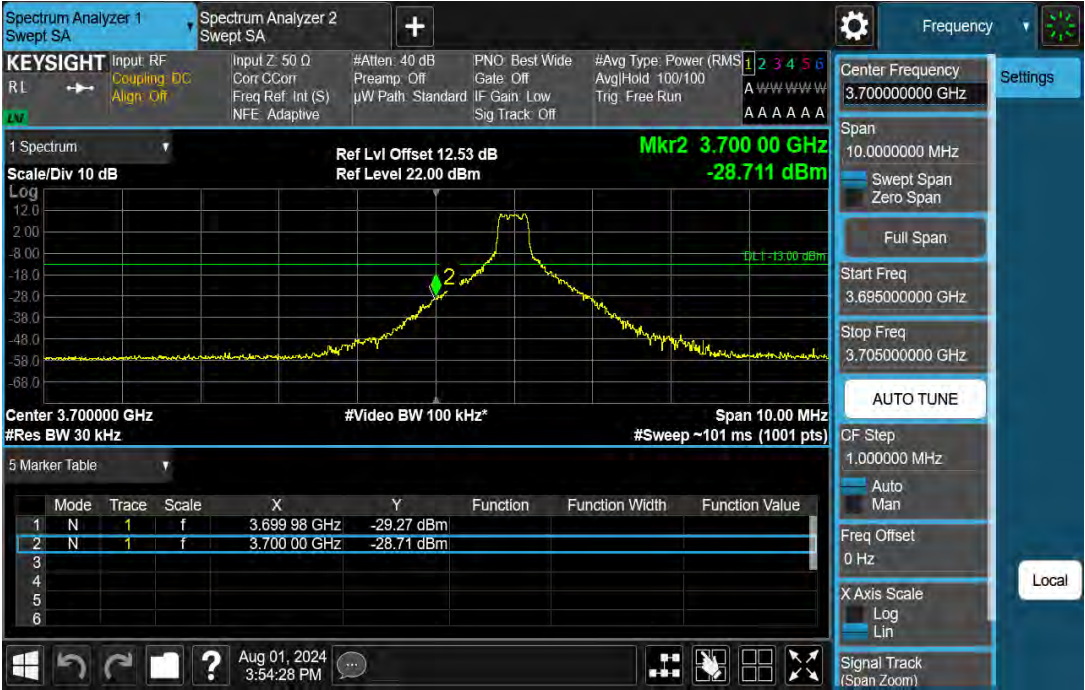
N77b(3700-3980MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N77b(3700-3980MHz)-20M-Bandedge-L-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-20M-Bandedge-L-CP-OFDM-QPSK-1RB0



N77b(3700-3980MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outter_Full



N77b(3700-3980MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



N77b(3700-3980MHz)-20M-Bandedge-H-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-20M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



Conducted spurious emissions test graph

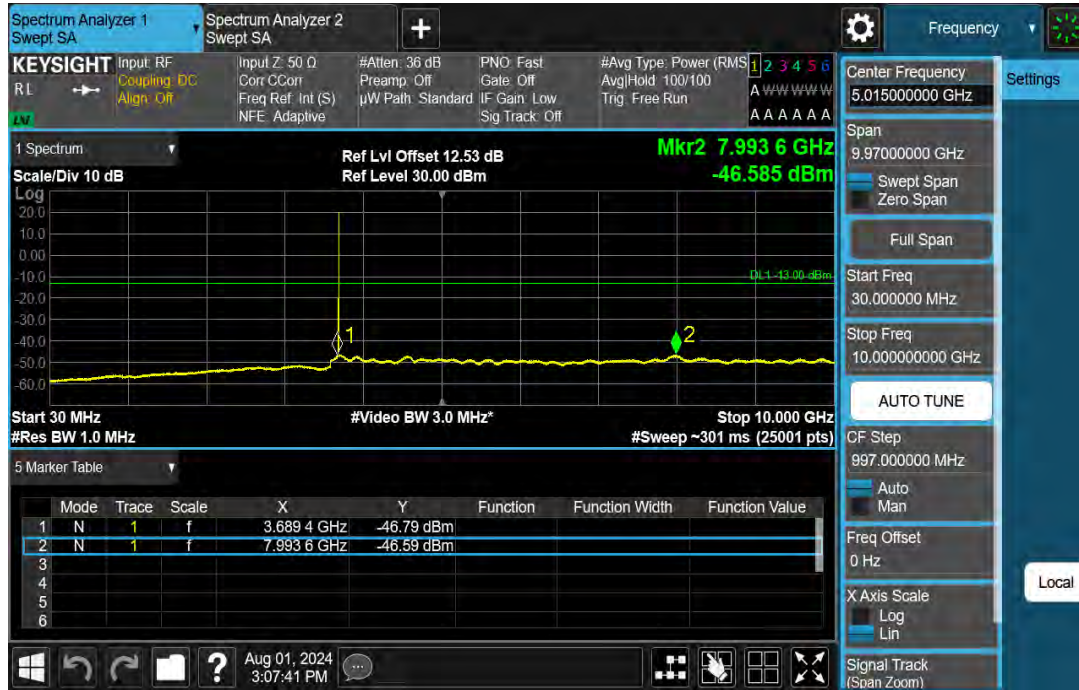
N77b(3700-3980MHz)-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



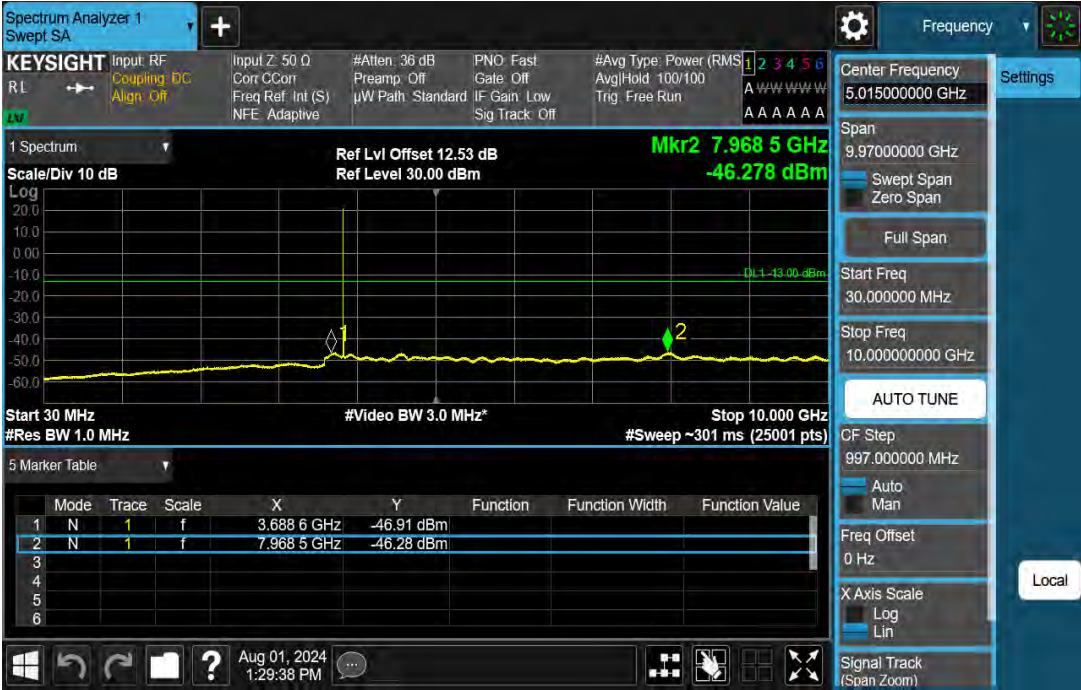
N77b(3700-3980MHz)-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-10M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



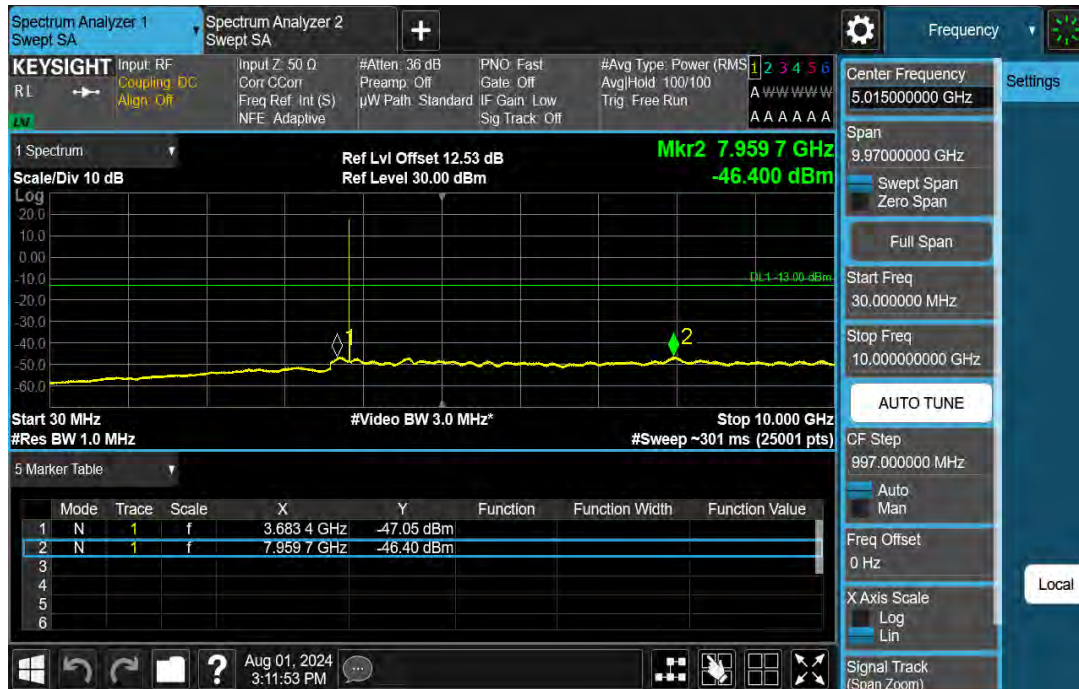
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N77b(3700-3980MHz)-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



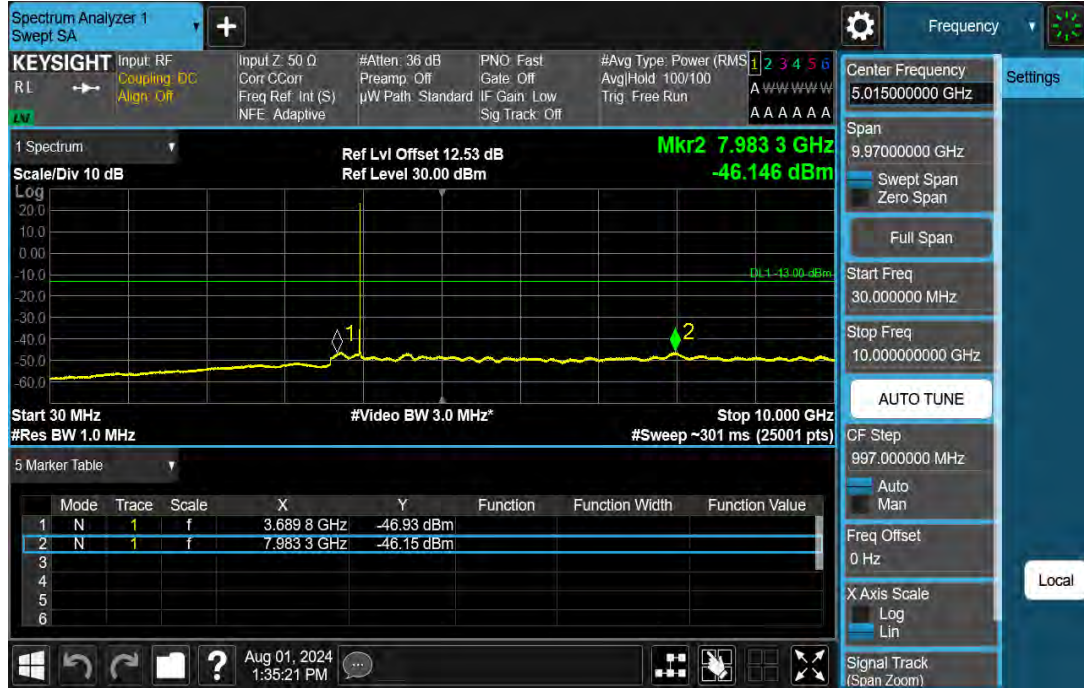
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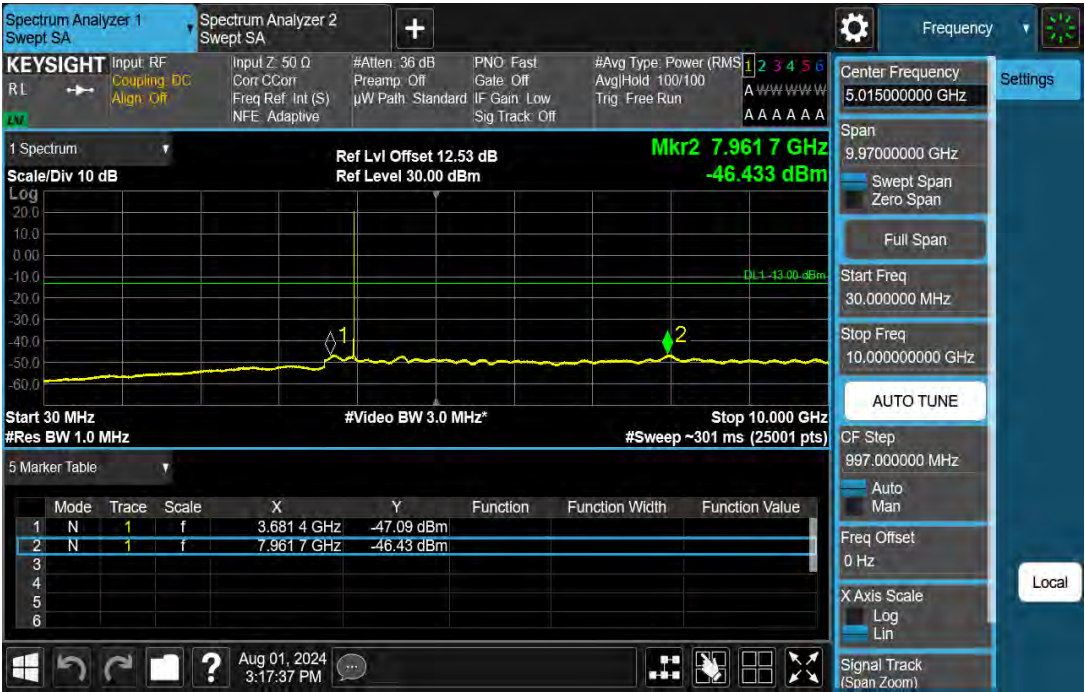
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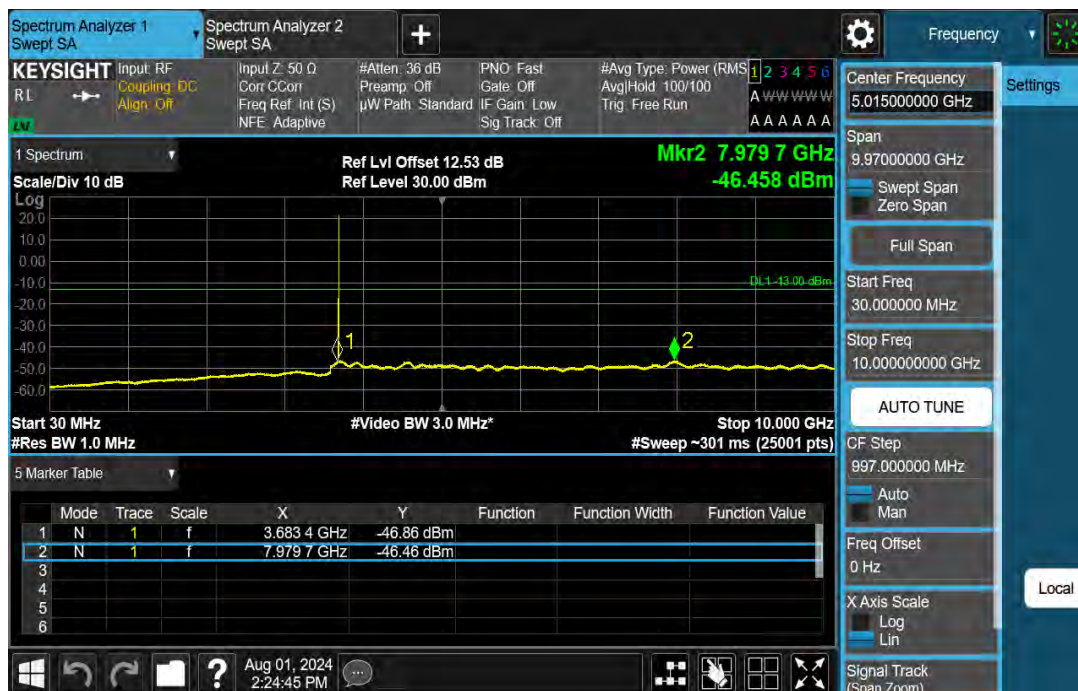
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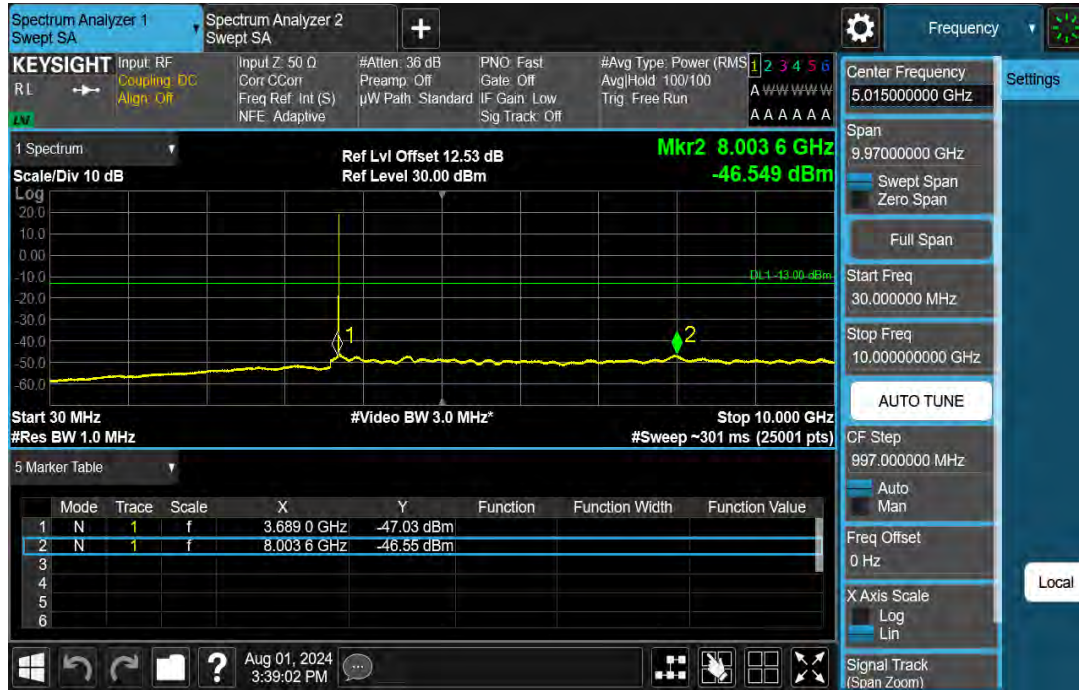
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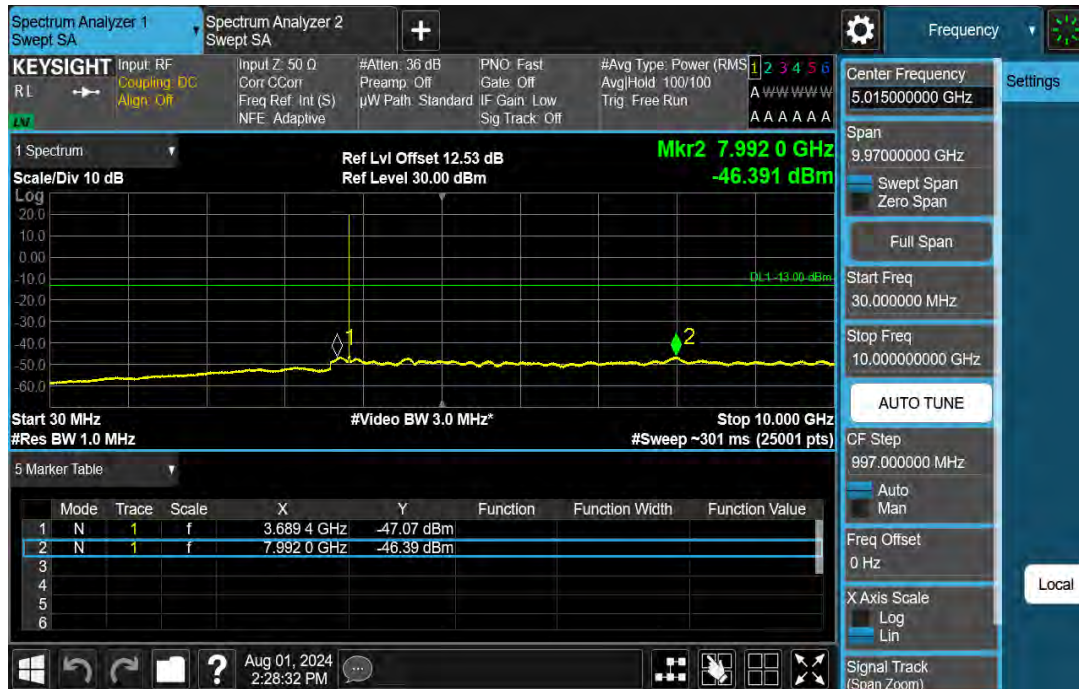
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N77b(3700-3980MHz)-15M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



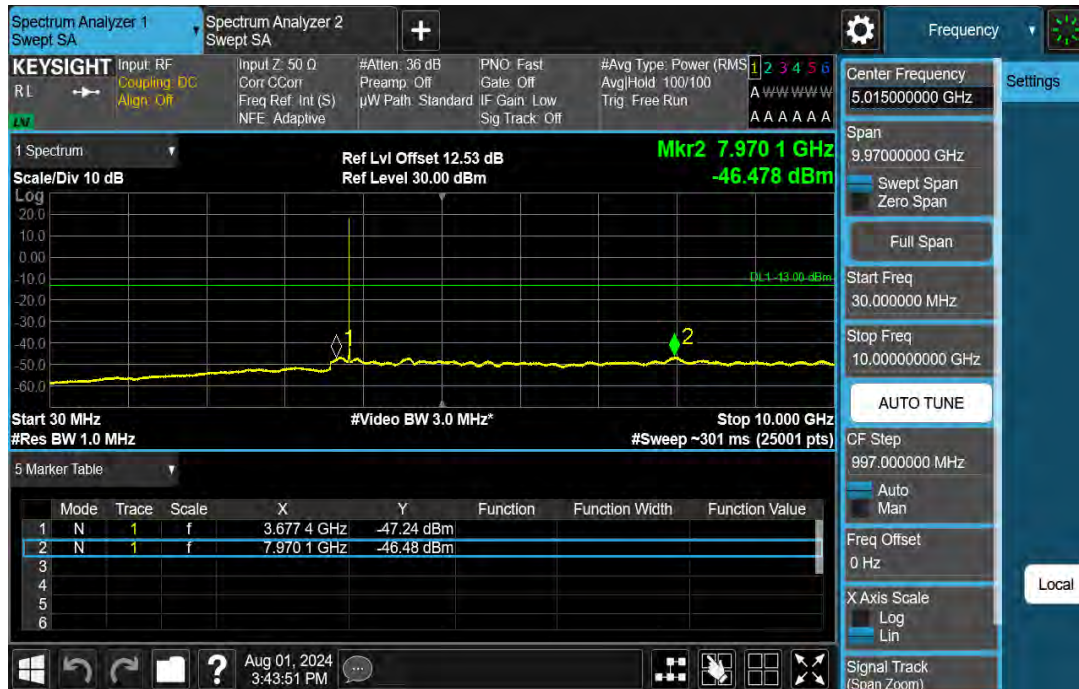
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N77b(3700-3980MHz)-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



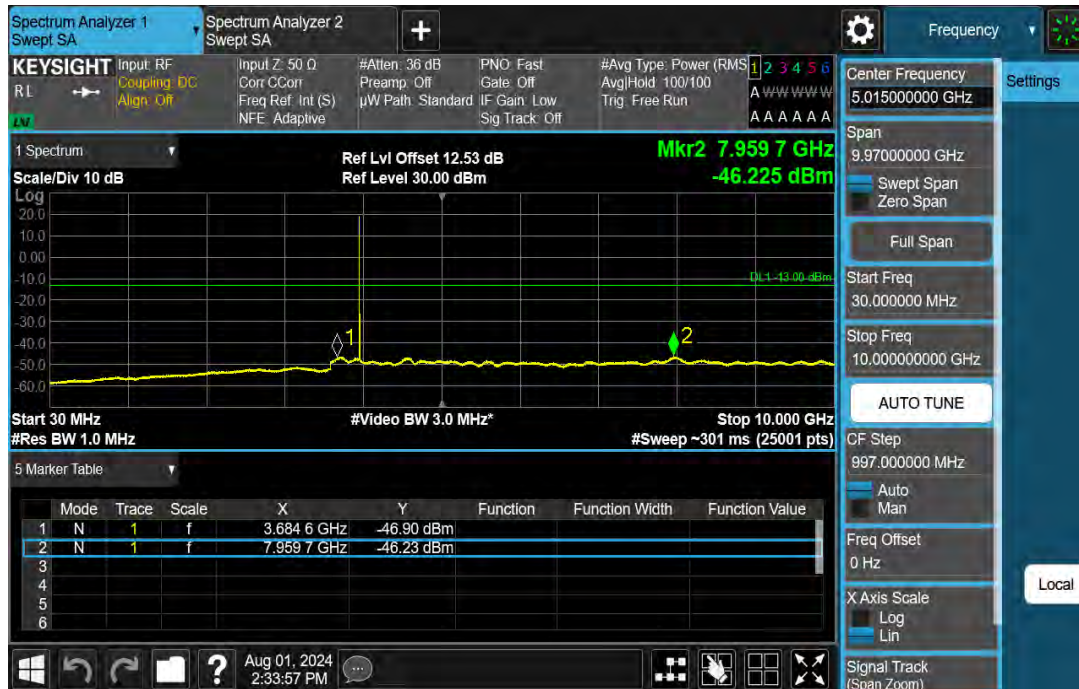
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N77b(3700-3980MHz)-15M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-40GHz



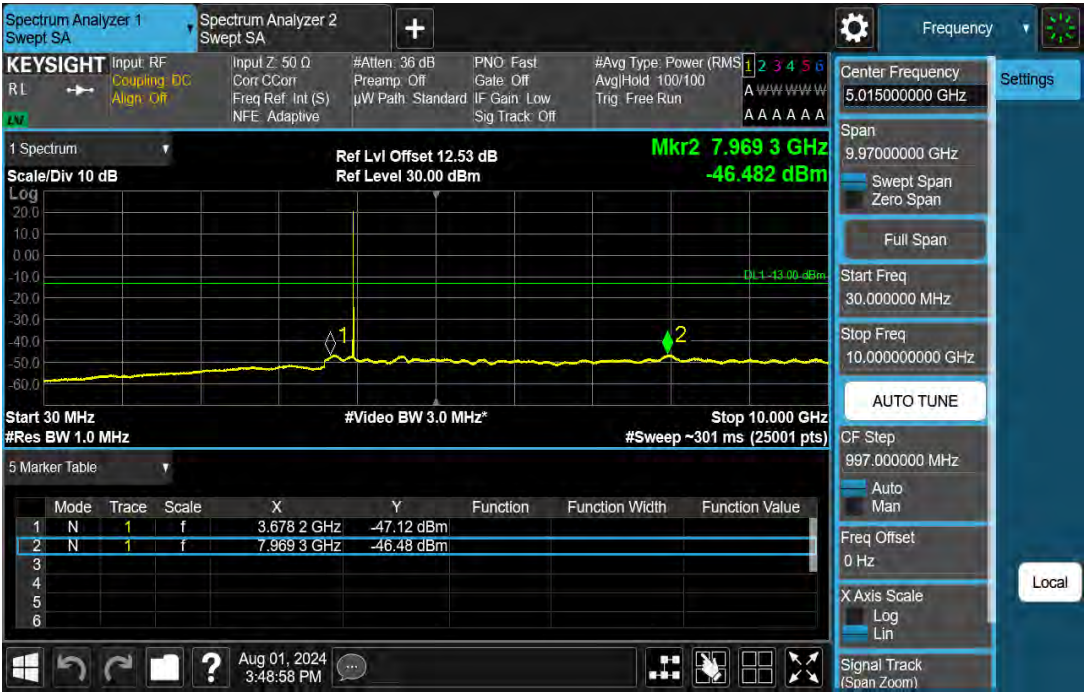
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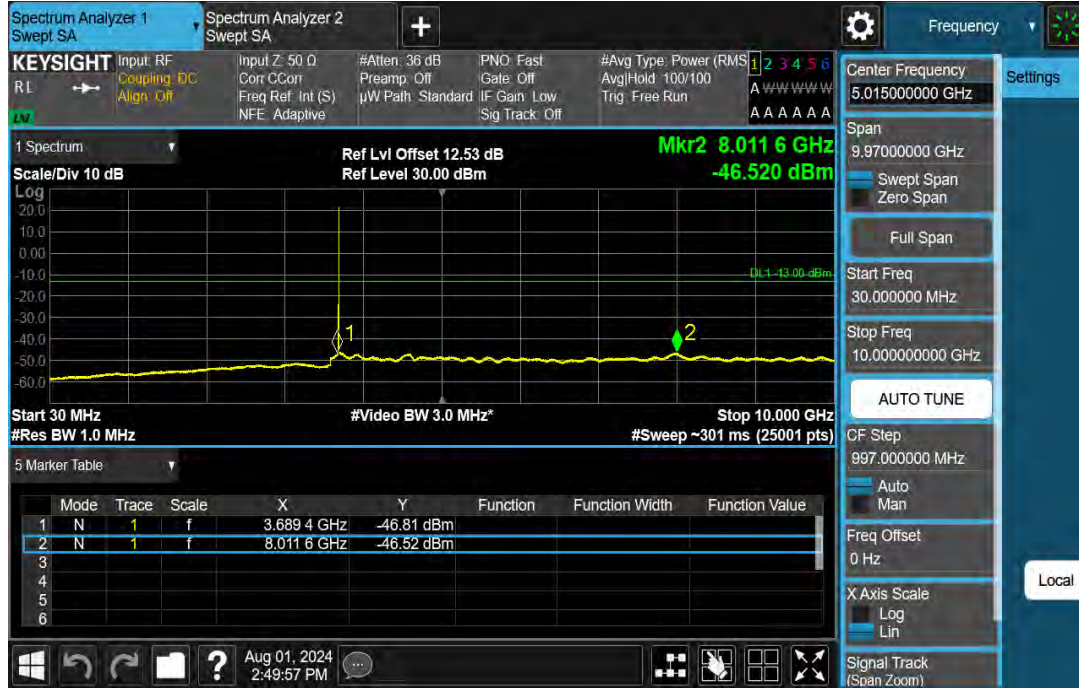
N77b(3700-3980MHz)-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-15M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-40GHz



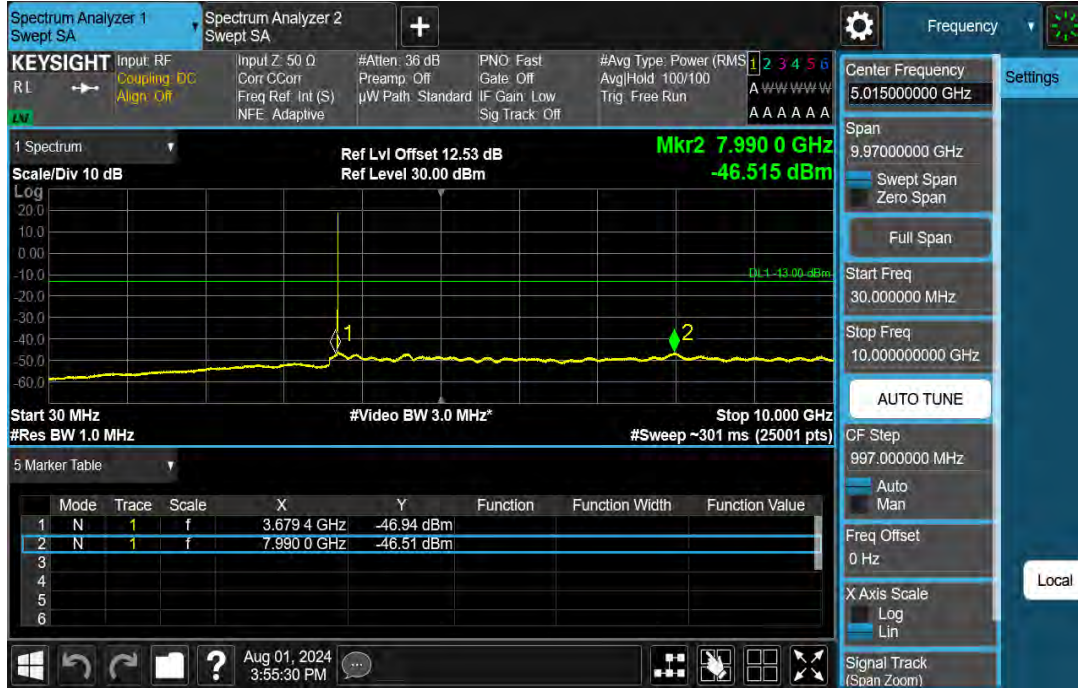
N77b(3700-3980MHz)-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-20M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



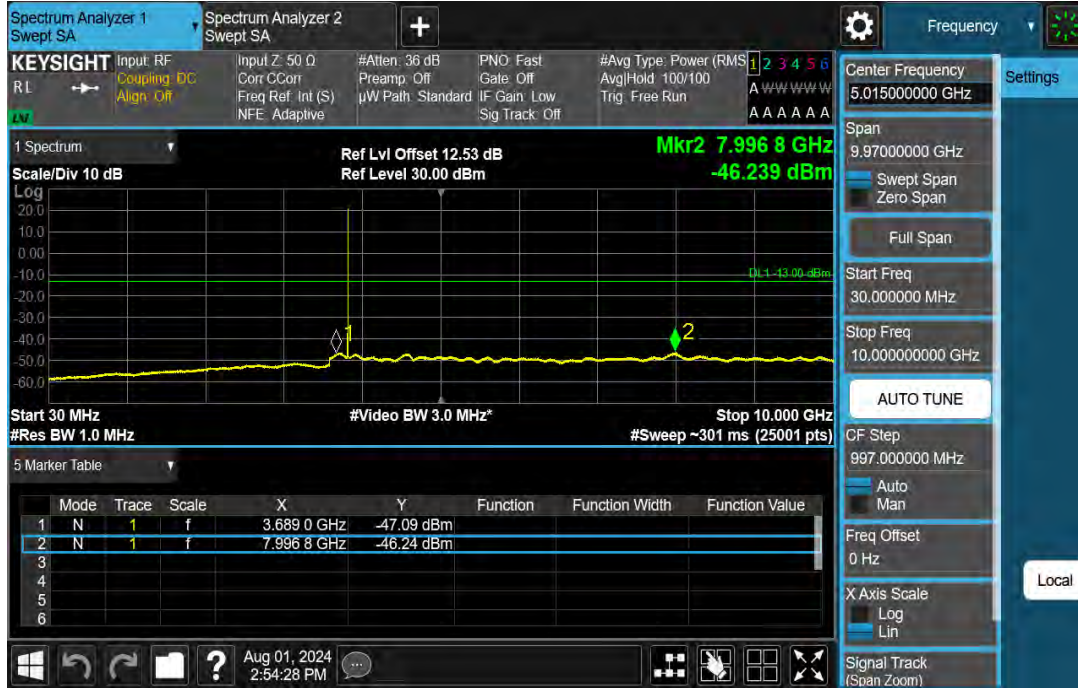
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N77b(3700-3980MHz)-20M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-40GHz



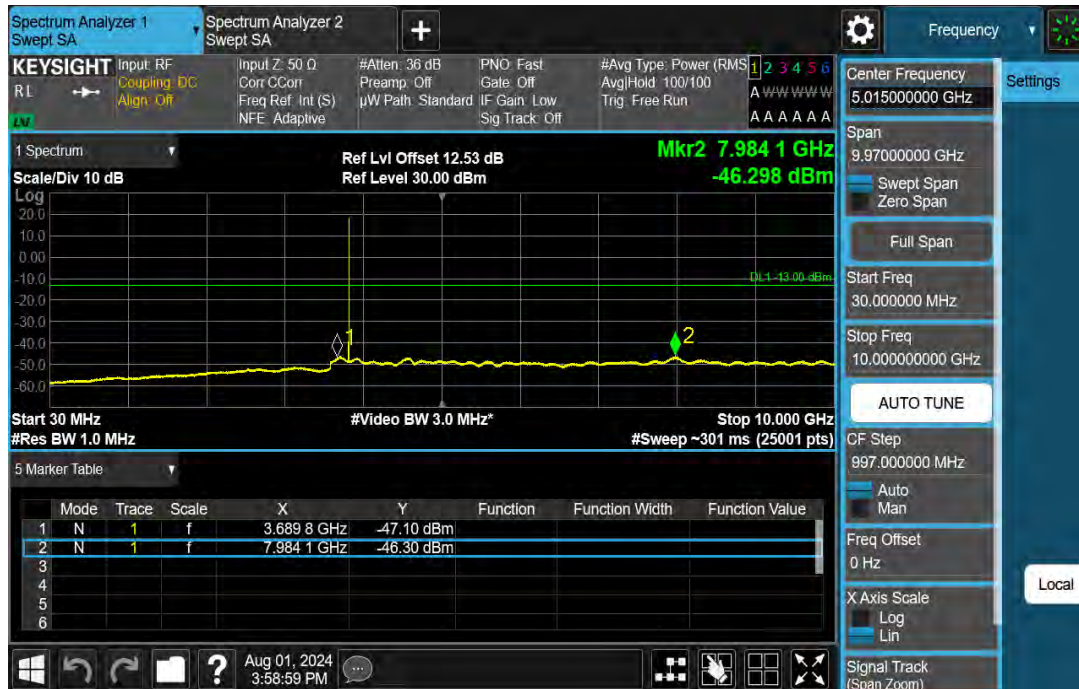
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N77b(3700-3980MHz)-20M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



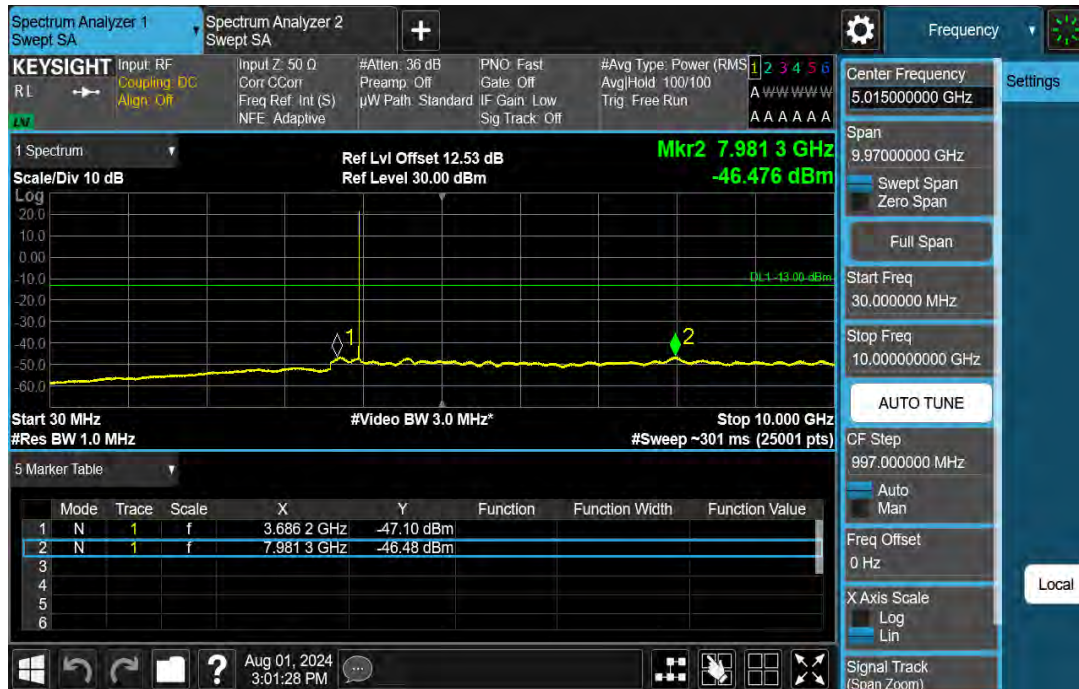
N77b(3700-3980MHz)-20M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-20M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-40GHz



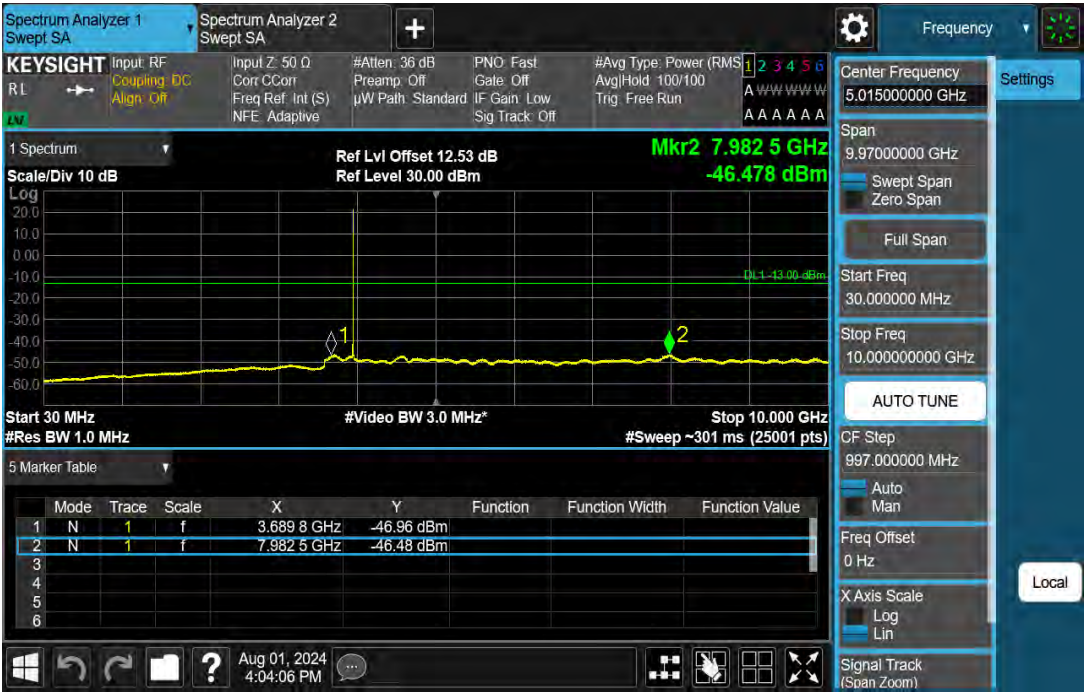
N77b(3700-3980MHz)-20M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-20M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-40GHz



N77b(3700-3980MHz)-20M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N77b(3700-3980MHz)-20M-CSE-H-CP-OFDM-QPSK-1RB0-10GHz-40GHz



Effective (Isotropic) Radiated Power Output Data

Bandwidth	Modulation	Frequency(MHz)	RB Allocation	Conducted Power(dBm)	EIRP(dBm)	Limit	Verdict	Gain
10MHz	DFT-s-OFDM PI/2 BPSK	3705MHz	Edge_Full_Left	22.79	18.66	30	Pass	-4.13
			Edge_Full_Right	22.5	18.37	30	Pass	-4.13
			Edge_1RB_Left	22.36	18.23	30	Pass	-4.13
			Edge_1RB_Right	22.72	18.59	30	Pass	-4.13
			Outer_Full	22.7	18.57	30	Pass	-4.13
			Inner_Full	22.86	18.73	30	Pass	-4.13
			Inner_1RB_Left	22.67	18.54	30	Pass	-4.13
			Inner_1RB_Right	23.11	18.98	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.12	17.99	30	Pass	-4.13
			Edge_Full_Right	22.47	18.34	30	Pass	-4.13
			Edge_1RB_Left	22.08	17.95	30	Pass	-4.13
			Edge_1RB_Right	22.14	18.01	30	Pass	-4.13
			Outer_Full	22.14	18.01	30	Pass	-4.13
			Inner_Full	22.91	18.78	30	Pass	-4.13
			Inner_1RB_Left	23.04	18.91	30	Pass	-4.13
			Inner_1RB_Right	23.16	19.03	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.08	16.95	30	Pass	-4.13
			Edge_Full_Right	21.04	16.91	30	Pass	-4.13
			Edge_1RB_Left	21.21	17.08	30	Pass	-4.13
			Edge_1RB_Right	21.19	17.06	30	Pass	-4.13
			Outer_Full	21.39	17.26	30	Pass	-4.13
			Inner_Full	22.32	18.19	30	Pass	-4.13
			Inner_1RB_Left	22.45	18.32	30	Pass	-4.13
			Inner_1RB_Right	22.25	18.12	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	21.4	17.27	30	Pass	-4.13
			Edge_Full_Right	21.15	17.02	30	Pass	-4.13
			Edge_1RB_Left	21.59	17.46	30	Pass	-4.13
			Edge_1RB_Right	21.37	17.24	30	Pass	-4.13
			Outer_Full	21.14	17.01	30	Pass	-4.13
			Inner_Full	20.79	16.66	30	Pass	-4.13
			Inner_1RB_Left	21.65	17.52	30	Pass	-4.13
			Inner_1RB_Right	21.59	17.46	30	Pass	-4.13
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.14	15.01	30	Pass	-4.13
			Edge_Full_Right	18.66	14.53	30	Pass	-4.13
			Edge_1RB_Left	19.4	15.27	30	Pass	-4.13
			Edge_1RB_Right	19.15	15.02	30	Pass	-4.13
			Outer_Full	18.81	14.68	30	Pass	-4.13
			Inner_Full	18.7	14.57	30	Pass	-4.13
			Inner_1RB_Left	19.18	15.05	30	Pass	-4.13
			Inner_1RB_Right	19.07	14.94	30	Pass	-4.13

	CP-OFDM QPSK	3840MHz	Edge_Full_Left	20.16	16.03	30	Pass	-4.13
			Edge_Full_Right	20.47	16.34	30	Pass	-4.13
			Edge_1RB_Left	19.71	15.58	30	Pass	-4.13
			Edge_1RB_Right	19.3	15.17	30	Pass	-4.13
			Outer_Full	20.47	16.34	30	Pass	-4.13
			Inner_Full	21.8	17.67	30	Pass	-4.13
			Inner_1RB_Left	21.11	16.98	30	Pass	-4.13
			Inner_1RB_Right	21.03	16.9	30	Pass	-4.13
	CP-OFDM 16QAM		Edge_Full_Left	20.12	15.99	30	Pass	-4.13
			Edge_Full_Right	19.95	15.82	30	Pass	-4.13
			Edge_1RB_Left	19.33	15.2	30	Pass	-4.13
			Edge_1RB_Right	19.29	15.16	30	Pass	-4.13
			Outer_Full	20.59	16.46	30	Pass	-4.13
			Inner_Full	21.26	17.13	30	Pass	-4.13
			Inner_1RB_Left	21.01	16.88	30	Pass	-4.13
			Inner_1RB_Right	20.99	16.86	30	Pass	-4.13
	CP-OFDM 64QAM		Edge_Full_Left	19.32	15.19	30	Pass	-4.13
			Edge_Full_Right	18.95	14.82	30	Pass	-4.13
			Edge_1RB_Left	19.26	15.13	30	Pass	-4.13
			Edge_1RB_Right	19.25	15.12	30	Pass	-4.13
			Outer_Full	19.84	15.71	30	Pass	-4.13
			Inner_Full	19.58	15.45	30	Pass	-4.13
			Inner_1RB_Left	19.87	15.74	30	Pass	-4.13
			Inner_1RB_Right	19.47	15.34	30	Pass	-4.13
	CP-OFDM 256QAM		Edge_Full_Left	16.65	12.52	30	Pass	-4.13
			Edge_Full_Right	16.61	12.48	30	Pass	-4.13
			Edge_1RB_Left	17.85	13.72	30	Pass	-4.13
			Edge_1RB_Right	17.62	13.49	30	Pass	-4.13
			Outer_Full	16.83	12.7	30	Pass	-4.13
			Inner_Full	17.11	12.98	30	Pass	-4.13
			Inner_1RB_Left	17.96	13.83	30	Pass	-4.13
			Inner_1RB_Right	17.96	13.83	30	Pass	-4.13
	DFT-s-OFDM PI/2 BPSK		Edge_Full_Left	22.97	18.84	30	Pass	-4.13
			Edge_Full_Right	22.71	18.58	30	Pass	-4.13
			Edge_1RB_Left	22.72	18.59	30	Pass	-4.13
			Edge_1RB_Right	22.6	18.47	30	Pass	-4.13
			Outer_Full	22.94	18.81	30	Pass	-4.13
			Inner_Full	22.95	18.82	30	Pass	-4.13
			Inner_1RB_Left	23.02	18.89	30	Pass	-4.13
			Inner_1RB_Right	22.68	18.55	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.36	18.23	30	Pass	-4.13
			Edge_Full_Right	22.41	18.28	30	Pass	-4.13
			Edge_1RB_Left	22.28	18.15	30	Pass	-4.13

		Edge_1RB_Right	22.18	18.05	30	Pass	-4.13
		Outer_Full	22.34	18.21	30	Pass	-4.13
		Inner_Full	22.92	18.79	30	Pass	-4.13
		Inner_1RB_Left	22.66	18.53	30	Pass	-4.13
		Inner_1RB_Right	22.97	18.84	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Left	21.59	17.46	30	Pass	-4.13
		Edge_Full_Right	21.57	17.44	30	Pass	-4.13
		Edge_1RB_Left	21.5	17.37	30	Pass	-4.13
		Edge_1RB_Right	21.18	17.05	30	Pass	-4.13
		Outer_Full	21.53	17.4	30	Pass	-4.13
		Inner_Full	22.41	18.28	30	Pass	-4.13
		Inner_1RB_Left	22.39	18.26	30	Pass	-4.13
		Inner_1RB_Right	22.45	18.32	30	Pass	-4.13
		Edge_Full_Left	20.92	16.79	30	Pass	-4.13
		Edge_Full_Right	20.99	16.86	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Edge_1RB_Left	21.57	17.44	30	Pass	-4.13
		Edge_1RB_Right	21.59	17.46	30	Pass	-4.13
		Outer_Full	20.85	16.72	30	Pass	-4.13
		Inner_Full	20.59	16.46	30	Pass	-4.13
		Inner_1RB_Left	21.36	17.23	30	Pass	-4.13
		Inner_1RB_Right	21.65	17.52	30	Pass	-4.13
		Edge_Full_Left	18.66	14.53	30	Pass	-4.13
		Edge_Full_Right	18.79	14.66	30	Pass	-4.13
		Edge_1RB_Left	19.22	15.09	30	Pass	-4.13
		Edge_1RB_Right	18.97	14.84	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Outer_Full	19.13	15	30	Pass	-4.13
		Inner_Full	18.61	14.48	30	Pass	-4.13
		Inner_1RB_Left	18.92	14.79	30	Pass	-4.13
		Inner_1RB_Right	19.2	15.07	30	Pass	-4.13
		Edge_Full_Left	20.67	16.54	30	Pass	-4.13
		Edge_Full_Right	20.45	16.32	30	Pass	-4.13
		Edge_1RB_Left	19.51	15.38	30	Pass	-4.13
		Edge_1RB_Right	19.7	15.57	30	Pass	-4.13
		Outer_Full	20.55	16.42	30	Pass	-4.13
		Inner_Full	21.99	17.86	30	Pass	-4.13
	CP-OFDM QPSK	Inner_1RB_Left	21.16	17.03	30	Pass	-4.13
		Inner_1RB_Right	20.99	16.86	30	Pass	-4.13
		Edge_Full_Left	20.14	16.01	30	Pass	-4.13
		Edge_Full_Right	20.25	16.12	30	Pass	-4.13
		Edge_1RB_Left	19.93	15.8	30	Pass	-4.13
		Edge_1RB_Right	20.27	16.14	30	Pass	-4.13
		Outer_Full	20.4	16.27	30	Pass	-4.13
		Inner_Full	21.31	17.18	30	Pass	-4.13
	CP-OFDM 16QAM						

			Inner_1RB_Left	21.03	16.9	30	Pass	-4.13	
			Inner_1RB_Right	21.15	17.02	30	Pass	-4.13	
	CP-OFDM 64QAM		Edge_Full_Left	19.22	15.09	30	Pass	-4.13	
			Edge_Full_Right	19.48	15.35	30	Pass	-4.13	
			Edge_1RB_Left	19.19	15.06	30	Pass	-4.13	
			Edge_1RB_Right	19.14	15.01	30	Pass	-4.13	
			Outer_Full	20.37	16.24	30	Pass	-4.13	
			Inner_Full	19.77	15.64	30	Pass	-4.13	
			Inner_1RB_Left	18.82	14.69	30	Pass	-4.13	
			Inner_1RB_Right	19.03	14.9	30	Pass	-4.13	
		CP-OFDM 256QAM		Edge_Full_Left	16.35	12.22	30	Pass	-4.13
				Edge_Full_Right	16.48	12.35	30	Pass	-4.13
			Edge_1RB_Left	18.34	14.21	30	Pass	-4.13	
			Edge_1RB_Right	18.1	13.97	30	Pass	-4.13	
			Outer_Full	16.94	12.81	30	Pass	-4.13	
			Inner_Full	16.83	12.7	30	Pass	-4.13	
			Inner_1RB_Left	18.27	14.14	30	Pass	-4.13	
			Inner_1RB_Right	17.88	13.75	30	Pass	-4.13	
	DFT-s-OFDM PI/2 BPSK	3975MHz		Edge_Full_Left	22.46	18.33	30	Pass	-4.13
				Edge_Full_Right	22.54	18.41	30	Pass	-4.13
				Edge_1RB_Left	22.41	18.28	30	Pass	-4.13
				Edge_1RB_Right	22.78	18.65	30	Pass	-4.13
				Outer_Full	22.77	18.64	30	Pass	-4.13
				Inner_Full	23.09	18.96	30	Pass	-4.13
				Inner_1RB_Left	22.64	18.51	30	Pass	-4.13
				Inner_1RB_Right	22.74	18.61	30	Pass	-4.13
	DFT-s-OFDM QPSK			Edge_Full_Left	21.99	17.86	30	Pass	-4.13
				Edge_Full_Right	22.16	18.03	30	Pass	-4.13
				Edge_1RB_Left	21.98	17.85	30	Pass	-4.13
				Edge_1RB_Right	21.8	17.67	30	Pass	-4.13
				Outer_Full	22.45	18.32	30	Pass	-4.13
				Inner_Full	22.91	18.78	30	Pass	-4.13
				Inner_1RB_Left	23.12	18.99	30	Pass	-4.13
	DFT-s-OFDM 16QAM			Inner_1RB_Right	23	18.87	30	Pass	-4.13
				Edge_Full_Left	21.16	17.03	30	Pass	-4.13
				Edge_Full_Right	20.91	16.78	30	Pass	-4.13
				Edge_1RB_Left	21.01	16.88	30	Pass	-4.13
				Edge_1RB_Right	20.83	16.7	30	Pass	-4.13
				Outer_Full	21.51	17.38	30	Pass	-4.13
				Inner_Full	22.35	18.22	30	Pass	-4.13
				Inner_1RB_Left	22.4	18.27	30	Pass	-4.13
	DFT-s-OFDM 64QAM			Inner_1RB_Right	22.32	18.19	30	Pass	-4.13
				Edge_Full_Left	21.08	16.95	30	Pass	-4.13

		Edge_Full_Right	21.01	16.88	30	Pass	-4.13
		Edge_1RB_Left	21.65	17.52	30	Pass	-4.13
		Edge_1RB_Right	21.6	17.47	30	Pass	-4.13
		Outer_Full	21.09	16.96	30	Pass	-4.13
		Inner_Full	20.52	16.39	30	Pass	-4.13
		Inner_1RB_Left	21.53	17.4	30	Pass	-4.13
		Inner_1RB_Right	21.72	17.59	30	Pass	-4.13
		Edge_Full_Left	18.66	14.53	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Right	18.78	14.65	30	Pass	-4.13
		Edge_1RB_Left	18.89	14.76	30	Pass	-4.13
		Edge_1RB_Right	19.16	15.03	30	Pass	-4.13
		Outer_Full	18.89	14.76	30	Pass	-4.13
		Inner_Full	18.85	14.72	30	Pass	-4.13
		Inner_1RB_Left	19.06	14.93	30	Pass	-4.13
		Inner_1RB_Right	19.02	14.89	30	Pass	-4.13
		Edge_Full_Left	20.75	16.62	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.16	16.03	30	Pass	-4.13
		Edge_1RB_Left	19.76	15.63	30	Pass	-4.13
		Edge_1RB_Right	19.49	15.36	30	Pass	-4.13
		Outer_Full	20.44	16.31	30	Pass	-4.13
		Inner_Full	21.55	17.42	30	Pass	-4.13
		Inner_1RB_Left	21.24	17.11	30	Pass	-4.13
		Inner_1RB_Right	21.61	17.48	30	Pass	-4.13
		Edge_Full_Left	20.29	16.16	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Right	20.03	15.9	30	Pass	-4.13
		Edge_1RB_Left	19.74	15.61	30	Pass	-4.13
		Edge_1RB_Right	19.18	15.05	30	Pass	-4.13
		Outer_Full	20.27	16.14	30	Pass	-4.13
		Inner_Full	21.49	17.36	30	Pass	-4.13
		Inner_1RB_Left	20.88	16.75	30	Pass	-4.13
		Inner_1RB_Right	20.95	16.82	30	Pass	-4.13
		Edge_Full_Left	18.82	14.69	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_Full_Right	19.07	14.94	30	Pass	-4.13
		Edge_1RB_Left	19.39	15.26	30	Pass	-4.13
		Edge_1RB_Right	19.27	15.14	30	Pass	-4.13
		Outer_Full	19.84	15.71	30	Pass	-4.13
		Inner_Full	19.58	15.45	30	Pass	-4.13
		Inner_1RB_Left	19.6	15.47	30	Pass	-4.13
		Inner_1RB_Right	19.48	15.35	30	Pass	-4.13
		Edge_Full_Left	16.59	12.46	30	Pass	-4.13
	CP-OFDM 256QAM	Edge_Full_Right	16.56	12.43	30	Pass	-4.13
		Edge_1RB_Left	17.84	13.71	30	Pass	-4.13
		Edge_1RB_Right	18.38	14.25	30	Pass	-4.13

			Outer_Full	16.9	12.77	30	Pass	-4.13
			Inner_Full	16.69	12.56	30	Pass	-4.13
			Inner_1RB_Left	17.56	13.43	30	Pass	-4.13
			Inner_1RB_Right	17.92	13.79	30	Pass	-4.13
15MHz	DFT-s-OFDM PI/2 BPSK	3707.52MHz	Edge_Full_Left	22.84	18.71	30	Pass	-4.13
			Edge_Full_Right	22.62	18.49	30	Pass	-4.13
			Edge_1RB_Left	22.7	18.57	30	Pass	-4.13
			Edge_1RB_Right	22.57	18.44	30	Pass	-4.13
			Outer_Full	23.02	18.89	30	Pass	-4.13
			Inner_Full	22.99	18.86	30	Pass	-4.13
			Inner_1RB_Left	23	18.87	30	Pass	-4.13
			Inner_1RB_Right	22.71	18.58	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.29	18.16	30	Pass	-4.13
			Edge_Full_Right	22.35	18.22	30	Pass	-4.13
			Edge_1RB_Left	22.04	17.91	30	Pass	-4.13
			Edge_1RB_Right	21.94	17.81	30	Pass	-4.13
			Outer_Full	22.51	18.38	30	Pass	-4.13
			Inner_Full	22.97	18.84	30	Pass	-4.13
			Inner_1RB_Left	23.08	18.95	30	Pass	-4.13
			Inner_1RB_Right	22.9	18.77	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.21	17.08	30	Pass	-4.13
			Edge_Full_Right	21.2	17.07	30	Pass	-4.13
			Edge_1RB_Left	21.22	17.09	30	Pass	-4.13
			Edge_1RB_Right	21.25	17.12	30	Pass	-4.13
			Outer_Full	21.39	17.26	30	Pass	-4.13
			Inner_Full	22.63	18.5	30	Pass	-4.13
			Inner_1RB_Left	22.53	18.4	30	Pass	-4.13
			Inner_1RB_Right	22.3	18.17	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	20.92	16.79	30	Pass	-4.13
			Edge_Full_Right	20.98	16.85	30	Pass	-4.13
			Edge_1RB_Left	20.58	16.45	30	Pass	-4.13
			Edge_1RB_Right	20.61	16.48	30	Pass	-4.13
			Outer_Full	21.02	16.89	30	Pass	-4.13
			Inner_Full	21.18	17.05	30	Pass	-4.13
			Inner_1RB_Left	20.74	16.61	30	Pass	-4.13
			Inner_1RB_Right	20.63	16.5	30	Pass	-4.13
DFT-s-OFDM 256QAM	Edge_Full_Left	18.82	14.69	30	Pass	-4.13		
	Edge_Full_Right	19.03	14.9	30	Pass	-4.13		
	Edge_1RB_Left	18.44	14.31	30	Pass	-4.13		
	Edge_1RB_Right	18.62	14.49	30	Pass	-4.13		
	Outer_Full	18.75	14.62	30	Pass	-4.13		
	Inner_Full	18.73	14.6	30	Pass	-4.13		
	Inner_1RB_Left	18.39	14.26	30	Pass	-4.13		

		3840MHz	Inner_1RB_Right	18.62	14.49	30	Pass	-4.13
	CP-OFDM QPSK		Edge_Full_Left	20.6	16.47	30	Pass	-4.13
			Edge_Full_Right	20.5	16.37	30	Pass	-4.13
			Edge_1RB_Left	19.98	15.85	30	Pass	-4.13
			Edge_1RB_Right	20.24	16.11	30	Pass	-4.13
			Outer_Full	20.17	16.04	30	Pass	-4.13
			Inner_Full	21.79	17.66	30	Pass	-4.13
			Inner_1RB_Left	21.52	17.39	30	Pass	-4.13
			Inner_1RB_Right	21.75	17.62	30	Pass	-4.13
			Edge_Full_Left	19.94	15.81	30	Pass	-4.13
	CP-OFDM 16QAM		Edge_Full_Right	20.13	16	30	Pass	-4.13
			Edge_1RB_Left	20.39	16.26	30	Pass	-4.13
			Edge_1RB_Right	19.96	15.83	30	Pass	-4.13
			Outer_Full	20.35	16.22	30	Pass	-4.13
			Inner_Full	21.38	17.25	30	Pass	-4.13
			Inner_1RB_Left	21.24	17.11	30	Pass	-4.13
			Inner_1RB_Right	21.29	17.16	30	Pass	-4.13
			Edge_Full_Left	19.11	14.98	30	Pass	-4.13
			CP-OFDM 64QAM	Edge_Full_Right	19.41	15.28	30	Pass
	Edge_1RB_Left			20.14	16.01	30	Pass	-4.13
	Edge_1RB_Right			20	15.87	30	Pass	-4.13
	Outer_Full			19.56	15.43	30	Pass	-4.13
	Inner_Full			19.62	15.49	30	Pass	-4.13
	Inner_1RB_Left			20.14	16.01	30	Pass	-4.13
	Inner_1RB_Right			20.08	15.95	30	Pass	-4.13
	Edge_Full_Left			16.9	12.77	30	Pass	-4.13
	CP-OFDM 256QAM			Edge_Full_Right	16.97	12.84	30	Pass
			Edge_1RB_Left	17.6	13.47	30	Pass	-4.13
			Edge_1RB_Right	16.99	12.86	30	Pass	-4.13
			Outer_Full	16.7	12.57	30	Pass	-4.13
			Inner_Full	16.82	12.69	30	Pass	-4.13
			Inner_1RB_Left	17.24	13.11	30	Pass	-4.13
			Inner_1RB_Right	16.93	12.8	30	Pass	-4.13
			Edge_Full_Left	22.55	18.42	30	Pass	-4.13
			DFT-s-OFDM PI/2 BPSK	Edge_Full_Right	22.62	18.49	30	Pass
	Edge_1RB_Left			22.6	18.47	30	Pass	-4.13
	Edge_1RB_Right			22.48	18.35	30	Pass	-4.13
	Outer_Full			22.89	18.76	30	Pass	-4.13
	Inner_Full			23.3	19.17	30	Pass	-4.13
	Inner_1RB_Left			23.18	19.05	30	Pass	-4.13
	Inner_1RB_Right			23.33	19.2	30	Pass	-4.13
	Edge_Full_Left			22.77	18.64	30	Pass	-4.13
	DFT-s-OFDM QPSK			Edge_Full_Right	22.48	18.35	30	Pass

		Edge_1RB_Left	22.09	17.96	30	Pass	-4.13
		Edge_1RB_Right	22.15	18.02	30	Pass	-4.13
		Outer_Full	22.64	18.51	30	Pass	-4.13
		Inner_Full	23.24	19.11	30	Pass	-4.13
		Inner_1RB_Left	22.89	18.76	30	Pass	-4.13
		Inner_1RB_Right	23.28	19.15	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Left	21.35	17.22	30	Pass	-4.13
		Edge_Full_Right	21.38	17.25	30	Pass	-4.13
		Edge_1RB_Left	21.36	17.23	30	Pass	-4.13
		Edge_1RB_Right	21.17	17.04	30	Pass	-4.13
		Outer_Full	21.39	17.26	30	Pass	-4.13
		Inner_Full	22.45	18.32	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Inner_1RB_Left	21.83	17.7	30	Pass	-4.13
		Inner_1RB_Right	22.15	18.02	30	Pass	-4.13
		Edge_Full_Left	20.89	16.76	30	Pass	-4.13
		Edge_Full_Right	21.3	17.17	30	Pass	-4.13
		Edge_1RB_Left	20.92	16.79	30	Pass	-4.13
		Edge_1RB_Right	21.01	16.88	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Outer_Full	20.85	16.72	30	Pass	-4.13
		Inner_Full	21.02	16.89	30	Pass	-4.13
		Inner_1RB_Left	20.69	16.56	30	Pass	-4.13
		Inner_1RB_Right	20.47	16.34	30	Pass	-4.13
		Edge_Full_Left	19.03	14.9	30	Pass	-4.13
		Edge_Full_Right	18.66	14.53	30	Pass	-4.13
	CP-OFDM QPSK	Edge_1RB_Left	18.58	14.45	30	Pass	-4.13
		Edge_1RB_Right	18.84	14.71	30	Pass	-4.13
		Outer_Full	19.14	15.01	30	Pass	-4.13
		Inner_Full	18.86	14.73	30	Pass	-4.13
		Inner_1RB_Left	18.62	14.49	30	Pass	-4.13
		Inner_1RB_Right	18.48	14.35	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Left	20.68	16.55	30	Pass	-4.13
		Edge_Full_Right	20.55	16.42	30	Pass	-4.13
		Edge_1RB_Left	20.19	16.06	30	Pass	-4.13
		Edge_1RB_Right	20.09	15.96	30	Pass	-4.13
		Outer_Full	20.46	16.33	30	Pass	-4.13
		Inner_Full	21.8	17.67	30	Pass	-4.13
		Inner_1RB_Left	21.69	17.56	30	Pass	-4.13
		Inner_1RB_Right	21.56	17.43	30	Pass	-4.13
		Edge_Full_Left	20.1	15.97	30	Pass	-4.13
		Edge_Full_Right	20.22	16.09	30	Pass	-4.13
		Edge_1RB_Left	20.34	16.21	30	Pass	-4.13
		Edge_1RB_Right	20.37	16.24	30	Pass	-4.13
		Outer_Full	20.59	16.46	30	Pass	-4.13

			Inner_Full	21.4	17.27	30	Pass	-4.13				
			Inner_1RB_Left	20.82	16.69	30	Pass	-4.13				
			Inner_1RB_Right	20.68	16.55	30	Pass	-4.13				
	CP-OFDM 64QAM			Edge_Full_Left	20.13	16	30	Pass	-4.13			
				Edge_Full_Right	19.9	15.77	30	Pass	-4.13			
				Edge_1RB_Left	20.36	16.23	30	Pass	-4.13			
				Edge_1RB_Right	20.25	16.12	30	Pass	-4.13			
				Outer_Full	20.09	15.96	30	Pass	-4.13			
				Inner_Full	19.87	15.74	30	Pass	-4.13			
				Inner_1RB_Left	19.91	15.78	30	Pass	-4.13			
				Inner_1RB_Right	20.08	15.95	30	Pass	-4.13			
				Edge_Full_Left	17.29	13.16	30	Pass	-4.13			
	CP-OFDM 256QAM			Edge_Full_Right	17.35	13.22	30	Pass	-4.13			
				Edge_1RB_Left	17.3	13.17	30	Pass	-4.13			
				Edge_1RB_Right	17.28	13.15	30	Pass	-4.13			
				Outer_Full	16.79	12.66	30	Pass	-4.13			
				Inner_Full	16.79	12.66	30	Pass	-4.13			
				Inner_1RB_Left	17.64	13.51	30	Pass	-4.13			
				Inner_1RB_Right	17.23	13.1	30	Pass	-4.13			
				DFT-s-OFDM PI/2 BPSK			Edge_Full_Left	22.81	18.68	30	Pass	-4.13
							Edge_Full_Right	22.68	18.55	30	Pass	-4.13
	Edge_1RB_Left	22.88	18.75				30	Pass	-4.13			
	Edge_1RB_Right	22.74	18.61				30	Pass	-4.13			
	Outer_Full	22.77	18.64				30	Pass	-4.13			
	Inner_Full	23.03	18.9				30	Pass	-4.13			
	Inner_1RB_Left	22.86	18.73				30	Pass	-4.13			
	Inner_1RB_Right	23.02	18.89				30	Pass	-4.13			
	DFT-s-OFDM QPSK						Edge_Full_Left	22.31	18.18	30	Pass	-4.13
				Edge_Full_Right	22.15	18.02	30	Pass	-4.13			
				Edge_1RB_Left	21.58	17.45	30	Pass	-4.13			
				Edge_1RB_Right	22.02	17.89	30	Pass	-4.13			
				Outer_Full	22.11	17.98	30	Pass	-4.13			
Inner_Full				22.79	18.66	30	Pass	-4.13				
Inner_1RB_Left				22.66	18.53	30	Pass	-4.13				
Inner_1RB_Right				22.58	18.45	30	Pass	-4.13				
DFT-s-OFDM 16QAM						Edge_Full_Left	21.23	17.1	30	Pass	-4.13	
	Edge_Full_Right	21.41	17.28			30	Pass	-4.13				
	Edge_1RB_Left	21.02	16.89			30	Pass	-4.13				
	Edge_1RB_Right	21.29	17.16			30	Pass	-4.13				
	Outer_Full	21.38	17.25			30	Pass	-4.13				
	Inner_Full	22.36	18.23			30	Pass	-4.13				
	Inner_1RB_Left	22.16	18.03			30	Pass	-4.13				
	Inner_1RB_Right	22.06	17.93			30	Pass	-4.13				

	DFT-s-OFDM 64QAM	Edge_Full_Left	20.72	16.59	30	Pass	-4.13
		Edge_Full_Right	21.14	17.01	30	Pass	-4.13
		Edge_1RB_Left	20.47	16.34	30	Pass	-4.13
		Edge_1RB_Right	20.66	16.53	30	Pass	-4.13
		Outer_Full	20.64	16.51	30	Pass	-4.13
		Inner_Full	20.67	16.54	30	Pass	-4.13
		Inner_1RB_Left	20.64	16.51	30	Pass	-4.13
		Inner_1RB_Right	20.59	16.46	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Left	18.75	14.62	30	Pass	-4.13
		Edge_Full_Right	18.8	14.67	30	Pass	-4.13
		Edge_1RB_Left	18.27	14.14	30	Pass	-4.13
		Edge_1RB_Right	18.33	14.2	30	Pass	-4.13
		Outer_Full	18.9	14.77	30	Pass	-4.13
		Inner_Full	18.61	14.48	30	Pass	-4.13
		Inner_1RB_Left	18.34	14.21	30	Pass	-4.13
		Inner_1RB_Right	18.24	14.11	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Left	20.34	16.21	30	Pass	-4.13
		Edge_Full_Right	20.55	16.42	30	Pass	-4.13
		Edge_1RB_Left	20.22	16.09	30	Pass	-4.13
		Edge_1RB_Right	20.16	16.03	30	Pass	-4.13
		Outer_Full	20.39	16.26	30	Pass	-4.13
		Inner_Full	21.79	17.66	30	Pass	-4.13
		Inner_1RB_Left	21.88	17.75	30	Pass	-4.13
		Inner_1RB_Right	21.65	17.52	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Left	19.93	15.8	30	Pass	-4.13
		Edge_Full_Right	19.63	15.5	30	Pass	-4.13
		Edge_1RB_Left	19.75	15.62	30	Pass	-4.13
		Edge_1RB_Right	20	15.87	30	Pass	-4.13
		Outer_Full	20.22	16.09	30	Pass	-4.13
		Inner_Full	21.13	17	30	Pass	-4.13
		Inner_1RB_Left	21.57	17.44	30	Pass	-4.13
		Inner_1RB_Right	21.01	16.88	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_Full_Left	19.48	15.35	30	Pass	-4.13
		Edge_Full_Right	19.61	15.48	30	Pass	-4.13
		Edge_1RB_Left	20.25	16.12	30	Pass	-4.13
		Edge_1RB_Right	20.03	15.9	30	Pass	-4.13
		Outer_Full	19.58	15.45	30	Pass	-4.13
		Inner_Full	19.79	15.66	30	Pass	-4.13
		Inner_1RB_Left	20.09	15.96	30	Pass	-4.13
		Inner_1RB_Right	19.91	15.78	30	Pass	-4.13
	CP-OFDM 256QAM	Edge_Full_Left	17.26	13.13	30	Pass	-4.13
		Edge_Full_Right	17.03	12.9	30	Pass	-4.13
		Edge_1RB_Left	17.26	13.13	30	Pass	-4.13

			Edge_1RB_Right	17.51	13.38	30	Pass	-4.13
			Outer_Full	16.73	12.6	30	Pass	-4.13
			Inner_Full	16.58	12.45	30	Pass	-4.13
			Inner_1RB_Left	17.35	13.22	30	Pass	-4.13
			Inner_1RB_Right	17.05	12.92	30	Pass	-4.13
20MHz	DFT-s-OFDM PI/2 BPSK	3710.01MHz	Edge_Full_Left	22.89	18.76	30	Pass	-4.13
			Edge_Full_Right	22.81	18.68	30	Pass	-4.13
			Edge_1RB_Left	22.48	18.35	30	Pass	-4.13
			Edge_1RB_Right	22.83	18.7	30	Pass	-4.13
			Outer_Full	22.96	18.83	30	Pass	-4.13
			Inner_Full	22.97	18.84	30	Pass	-4.13
			Inner_1RB_Left	22.85	18.72	30	Pass	-4.13
			Inner_1RB_Right	22.92	18.79	30	Pass	-4.13
	DFT-s-OFDM QPSK		Edge_Full_Left	22.49	18.36	30	Pass	-4.13
			Edge_Full_Right	22.18	18.05	30	Pass	-4.13
			Edge_1RB_Left	22.93	18.8	30	Pass	-4.13
			Edge_1RB_Right	22.53	18.4	30	Pass	-4.13
			Outer_Full	22.51	18.38	30	Pass	-4.13
			Inner_Full	23.04	18.91	30	Pass	-4.13
			Inner_1RB_Left	22.91	18.78	30	Pass	-4.13
			Inner_1RB_Right	22.62	18.49	30	Pass	-4.13
	DFT-s-OFDM 16QAM		Edge_Full_Left	21.49	17.36	30	Pass	-4.13
			Edge_Full_Right	21.22	17.09	30	Pass	-4.13
			Edge_1RB_Left	21.44	17.31	30	Pass	-4.13
			Edge_1RB_Right	21.02	16.89	30	Pass	-4.13
			Outer_Full	21.65	17.52	30	Pass	-4.13
			Inner_Full	22.34	18.21	30	Pass	-4.13
			Inner_1RB_Left	22.03	17.9	30	Pass	-4.13
			Inner_1RB_Right	22.1	17.97	30	Pass	-4.13
	DFT-s-OFDM 64QAM		Edge_Full_Left	20.79	16.66	30	Pass	-4.13
			Edge_Full_Right	20.9	16.77	30	Pass	-4.13
			Edge_1RB_Left	20.95	16.82	30	Pass	-4.13
			Edge_1RB_Right	20.79	16.66	30	Pass	-4.13
			Outer_Full	21.11	16.98	30	Pass	-4.13
			Inner_Full	20.76	16.63	30	Pass	-4.13
			Inner_1RB_Left	20.72	16.59	30	Pass	-4.13
			Inner_1RB_Right	20.53	16.4	30	Pass	-4.13
	DFT-s-OFDM 256QAM		Edge_Full_Left	19.27	15.14	30	Pass	-4.13
			Edge_Full_Right	18.99	14.86	30	Pass	-4.13
			Edge_1RB_Left	18.91	14.78	30	Pass	-4.13
			Edge_1RB_Right	18.79	14.66	30	Pass	-4.13
			Outer_Full	19.18	15.05	30	Pass	-4.13
			Inner_Full	18.74	14.61	30	Pass	-4.13

			Inner_1RB_Left	18.75	14.62	30	Pass	-4.13		
			Inner_1RB_Right	18.22	14.09	30	Pass	-4.13		
	CP-OFDM QPSK		Edge_Full_Left	20.36	16.23	30	Pass	-4.13		
			Edge_Full_Right	20	15.87	30	Pass	-4.13		
			Edge_1RB_Left	20.39	16.26	30	Pass	-4.13		
			Edge_1RB_Right	20.29	16.16	30	Pass	-4.13		
			Outer_Full	20.23	16.1	30	Pass	-4.13		
			Inner_Full	21.98	17.85	30	Pass	-4.13		
			Inner_1RB_Left	21.95	17.82	30	Pass	-4.13		
			Inner_1RB_Right	21.75	17.62	30	Pass	-4.13		
			Edge_Full_Left	20.15	16.02	30	Pass	-4.13		
			Edge_Full_Right	20.04	15.91	30	Pass	-4.13		
	CP-OFDM 16QAM		Edge_1RB_Left	20.4	16.27	30	Pass	-4.13		
			Edge_1RB_Right	20.25	16.12	30	Pass	-4.13		
			Outer_Full	20.26	16.13	30	Pass	-4.13		
			Inner_Full	21.41	17.28	30	Pass	-4.13		
			Inner_1RB_Left	21.16	17.03	30	Pass	-4.13		
			Inner_1RB_Right	21.56	17.43	30	Pass	-4.13		
			Edge_Full_Left	19.83	15.7	30	Pass	-4.13		
			Edge_Full_Right	19.56	15.43	30	Pass	-4.13		
	CP-OFDM 64QAM		Edge_1RB_Left	19.91	15.78	30	Pass	-4.13		
			Edge_1RB_Right	19.57	15.44	30	Pass	-4.13		
			Outer_Full	19.99	15.86	30	Pass	-4.13		
			Inner_Full	20.14	16.01	30	Pass	-4.13		
			Inner_1RB_Left	19.83	15.7	30	Pass	-4.13		
			Inner_1RB_Right	19.76	15.63	30	Pass	-4.13		
			Edge_Full_Left	17.5	13.37	30	Pass	-4.13		
			Edge_Full_Right	17.16	13.03	30	Pass	-4.13		
	CP-OFDM 256QAM		Edge_1RB_Left	17.69	13.56	30	Pass	-4.13		
			Edge_1RB_Right	17.41	13.28	30	Pass	-4.13		
			Outer_Full	17.08	12.95	30	Pass	-4.13		
			Inner_Full	16.98	12.85	30	Pass	-4.13		
			Inner_1RB_Left	17.65	13.52	30	Pass	-4.13		
			Inner_1RB_Right	17.48	13.35	30	Pass	-4.13		
			DFT-s-OFDM PI/2 BPSK	3840MHz	Edge_Full_Left	23.22	19.09	30	Pass	-4.13
					Edge_Full_Right	22.77	18.64	30	Pass	-4.13
	Edge_1RB_Left				22.81	18.68	30	Pass	-4.13	
	Edge_1RB_Right				22.74	18.61	30	Pass	-4.13	
	Outer_Full				22.99	18.86	30	Pass	-4.13	
	Inner_Full				23.1	18.97	30	Pass	-4.13	
	Inner_1RB_Left				23.25	19.12	30	Pass	-4.13	
	Inner_1RB_Right				23.1	18.97	30	Pass	-4.13	
	DFT-s-OFDM QPSK			Edge_Full_Left	22.1	17.97	30	Pass	-4.13	

		Edge_Full_Right	22.73	18.6	30	Pass	-4.13
		Edge_1RB_Left	21.94	17.81	30	Pass	-4.13
		Edge_1RB_Right	22.36	18.23	30	Pass	-4.13
		Outer_Full	22.54	18.41	30	Pass	-4.13
		Inner_Full	23.08	18.95	30	Pass	-4.13
		Inner_1RB_Left	23.15	19.02	30	Pass	-4.13
		Inner_1RB_Right	22.67	18.54	30	Pass	-4.13
		Edge_Full_Left	21.28	17.15	30	Pass	-4.13
	DFT-s-OFDM 16QAM	Edge_Full_Right	21.38	17.25	30	Pass	-4.13
		Edge_1RB_Left	20.93	16.8	30	Pass	-4.13
		Edge_1RB_Right	21.16	17.03	30	Pass	-4.13
		Outer_Full	21.49	17.36	30	Pass	-4.13
		Inner_Full	22.44	18.31	30	Pass	-4.13
		Inner_1RB_Left	22.26	18.13	30	Pass	-4.13
		Inner_1RB_Right	21.98	17.85	30	Pass	-4.13
		Edge_Full_Left	20.95	16.82	30	Pass	-4.13
	DFT-s-OFDM 64QAM	Edge_Full_Right	20.93	16.8	30	Pass	-4.13
		Edge_1RB_Left	20.79	16.66	30	Pass	-4.13
		Edge_1RB_Right	20.62	16.49	30	Pass	-4.13
		Outer_Full	21.13	17	30	Pass	-4.13
		Inner_Full	20.93	16.8	30	Pass	-4.13
		Inner_1RB_Left	20.92	16.79	30	Pass	-4.13
		Inner_1RB_Right	20.99	16.86	30	Pass	-4.13
		Edge_Full_Left	19.12	14.99	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Right	19.02	14.89	30	Pass	-4.13
		Edge_1RB_Left	18.74	14.61	30	Pass	-4.13
		Edge_1RB_Right	18.81	14.68	30	Pass	-4.13
		Outer_Full	19.13	15	30	Pass	-4.13
		Inner_Full	18.94	14.81	30	Pass	-4.13
		Inner_1RB_Left	18.68	14.55	30	Pass	-4.13
		Inner_1RB_Right	18.55	14.42	30	Pass	-4.13
		Edge_Full_Left	20.39	16.26	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.35	16.22	30	Pass	-4.13
		Edge_1RB_Left	20.47	16.34	30	Pass	-4.13
		Edge_1RB_Right	20.52	16.39	30	Pass	-4.13
		Outer_Full	20.66	16.53	30	Pass	-4.13
		Inner_Full	22.18	18.05	30	Pass	-4.13
		Inner_1RB_Left	22.09	17.96	30	Pass	-4.13
		Inner_1RB_Right	21.68	17.55	30	Pass	-4.13
		Edge_Full_Left	20.57	16.44	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_Full_Right	20.46	16.33	30	Pass	-4.13
		Edge_1RB_Left	20.08	15.95	30	Pass	-4.13
		Edge_1RB_Right	20.48	16.35	30	Pass	-4.13

	DFT-s-OFDM 64QAM	Inner_1RB_Right	21.79	17.66	30	Pass	-4.13
		Edge_Full_Left	20.83	16.7	30	Pass	-4.13
		Edge_Full_Right	20.93	16.8	30	Pass	-4.13
		Edge_1RB_Left	20.75	16.62	30	Pass	-4.13
		Edge_1RB_Right	20.98	16.85	30	Pass	-4.13
		Outer_Full	20.73	16.6	30	Pass	-4.13
		Inner_Full	20.9	16.77	30	Pass	-4.13
		Inner_1RB_Left	20.82	16.69	30	Pass	-4.13
		Inner_1RB_Right	20.56	16.43	30	Pass	-4.13
	DFT-s-OFDM 256QAM	Edge_Full_Left	18.97	14.84	30	Pass	-4.13
		Edge_Full_Right	18.85	14.72	30	Pass	-4.13
		Edge_1RB_Left	18.6	14.47	30	Pass	-4.13
		Edge_1RB_Right	18.55	14.42	30	Pass	-4.13
		Outer_Full	18.87	14.74	30	Pass	-4.13
		Inner_Full	18.59	14.46	30	Pass	-4.13
		Inner_1RB_Left	18.53	14.4	30	Pass	-4.13
		Inner_1RB_Right	18.44	14.31	30	Pass	-4.13
		Edge_Full_Left	19.74	15.61	30	Pass	-4.13
	CP-OFDM QPSK	Edge_Full_Right	20.35	16.22	30	Pass	-4.13
		Edge_1RB_Left	20.24	16.11	30	Pass	-4.13
		Edge_1RB_Right	20.5	16.37	30	Pass	-4.13
		Outer_Full	20.43	16.3	30	Pass	-4.13
		Inner_Full	21.73	17.6	30	Pass	-4.13
		Inner_1RB_Left	21.64	17.51	30	Pass	-4.13
		Inner_1RB_Right	21.63	17.5	30	Pass	-4.13
		Edge_Full_Left	20.82	16.69	30	Pass	-4.13
		Edge_Full_Right	20.58	16.45	30	Pass	-4.13
	CP-OFDM 16QAM	Edge_1RB_Left	20.17	16.04	30	Pass	-4.13
		Edge_1RB_Right	20.21	16.08	30	Pass	-4.13
		Outer_Full	20.46	16.33	30	Pass	-4.13
		Inner_Full	21.18	17.05	30	Pass	-4.13
		Inner_1RB_Left	21.08	16.95	30	Pass	-4.13
		Inner_1RB_Right	21.02	16.89	30	Pass	-4.13
		Edge_Full_Left	19.46	15.33	30	Pass	-4.13
		Edge_Full_Right	19.96	15.83	30	Pass	-4.13
		Edge_1RB_Left	20.01	15.88	30	Pass	-4.13
	CP-OFDM 64QAM	Edge_1RB_Right	19.94	15.81	30	Pass	-4.13
		Outer_Full	19.62	15.49	30	Pass	-4.13
		Inner_Full	19.79	15.66	30	Pass	-4.13
		Inner_1RB_Left	19.71	15.58	30	Pass	-4.13
		Inner_1RB_Right	19.83	15.7	30	Pass	-4.13
		Edge_Full_Left	17.07	12.94	30	Pass	-4.13
		Edge_Full_Right	17.06	12.93	30	Pass	-4.13
	CP-OFDM 256QAM						

			Edge_1RB_Left	17.5	13.37	30	Pass	-4.13
			Edge_1RB_Right	17.39	13.26	30	Pass	-4.13
			Outer_Full	17	12.87	30	Pass	-4.13
			Inner_Full	16.35	12.22	30	Pass	-4.13
			Inner_1RB_Left	17.23	13.1	30	Pass	-4.13
			Inner_1RB_Right	17.4	13.27	30	Pass	-4.13

Frequency Stability

Band width	Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Result (ppm)	Limit (ppm)	Verdict
10MHz	DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	4.82	0.0026	2.5	Pass
					HV	-2.2	-0.0012	2.5	Pass
				-30	NV	-7.93	-0.0042	2.5	Pass
				-20	NV	6.17	0.0033	2.5	Pass
				-10	NV	-5.06	-0.0027	2.5	Pass
				0	NV	6.3	0.0034	2.5	Pass
				10	NV	8.16	0.0043	2.5	Pass
				20	NV	-3.65	-0.0019	2.5	Pass
				30	NV	7.09	0.0038	2.5	Pass
				40	NV	-4.7	-0.0025	2.5	Pass
	50			NV	2.28	0.0012	2.5	Pass	
	CP-OFDM QPSK			20	LV	-6.47	-0.0034	2.5	Pass
					HV	-5.85	-0.0031	2.5	Pass
				-30	NV	3.36	0.0018	2.5	Pass
				-20	NV	5.55	0.0030	2.5	Pass
				-10	NV	-5.92	-0.0031	2.5	Pass
				0	NV	5.12	0.0027	2.5	Pass
				10	NV	-7.8	-0.0041	2.5	Pass
				20	NV	-9.54	-0.0051	2.5	Pass
				30	NV	2.92	0.0016	2.5	Pass
40		NV	4.09	0.0022	2.5	Pass			
50	NV	-8.1	-0.0043	2.5	Pass				
15MHz	DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	-4.93	-0.0026	2.5	Pass
					HV	3.54	0.0019	2.5	Pass
				-30	NV	-9.86	-0.0052	2.5	Pass
				-20	NV	-6.82	-0.0036	2.5	Pass
				-10	NV	3.7	0.0020	2.5	Pass
				0	NV	-2.09	-0.0011	2.5	Pass
				10	NV	-2.98	-0.0016	2.5	Pass
				20	NV	2.31	0.0012	2.5	Pass
				30	NV	-9.23	-0.0049	2.5	Pass
				40	NV	-4.54	-0.0024	2.5	Pass
	50			NV	-7.17	-0.0038	2.5	Pass	
	CP-OFDM QPSK			20	LV	-2.7	-0.0014	2.5	Pass
					HV	8.23	0.0044	2.5	Pass
				-30	NV	-4.78	-0.0025	2.5	Pass
				-20	NV	-8.38	-0.0045	2.5	Pass
				-10	NV	-3.93	-0.0021	2.5	Pass
0		NV	-6	-0.0032	2.5	Pass			

				10	NV	-5.57	-0.0030	2.5	Pass
				20	NV	4.27	0.0023	2.5	Pass
				30	NV	-7.75	-0.0041	2.5	Pass
				40	NV	2.27	0.0012	2.5	Pass
				50	NV	-5.44	-0.0029	2.5	Pass
20MHz	DFT-s-OFDM PI/2 BPSK	3840	Outer_Full	20	LV	10.13	0.0054	2.5	Pass
					HV	-4.88	-0.0026	2.5	Pass
				-30	NV	-6.32	-0.0034	2.5	Pass
				-20	NV	-7.63	-0.0041	2.5	Pass
				-10	NV	-3.84	-0.0020	2.5	Pass
				0	NV	-4.73	-0.0025	2.5	Pass
				10	NV	2.53	0.0013	2.5	Pass
				20	NV	-8.16	-0.0043	2.5	Pass
				30	NV	7.87	0.0042	2.5	Pass
				40	NV	7.75	0.0041	2.5	Pass
	50			NV	-3.77	-0.0020	2.5	Pass	
	CP-OFDM QPSK			20	LV	3.01	0.0016	2.5	Pass
					HV	3.62	0.0019	2.5	Pass
				-30	NV	-3.9	-0.0021	2.5	Pass
				-20	NV	-8.67	-0.0046	2.5	Pass
				-10	NV	-6.1	-0.0032	2.5	Pass
				0	NV	3.81	0.0020	2.5	Pass
				10	NV	7.93	0.0042	2.5	Pass
				20	NV	7.69	0.0041	2.5	Pass
				30	NV	-7.95	-0.0042	2.5	Pass
40		NV	-4.67	-0.0025	2.5	Pass			
50	NV	-4.48	-0.0024	2.5	Pass				

Field Strength of Spurious Radiation

LTE Band N77(3700-3980), Modulation: QPSK, Bandwidth:20MHz, 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
6018.999	-62.76	-13	-49.76	-68.99	4.22	10.45	Horizontal	Pass
8539.102	-62.69	-13	-49.69	-71.22	4.41	12.94	Horizontal	Pass
15265.88	-65.06	-13	-52.06	-73.85	5.59	14.38	Horizontal	Pass
7476.006	-62.18	-13	-49.18	-69.67	4.22	11.71	Vertical	Pass
11237.33	-58.6	-13	-45.6	-66.79	5.07	13.26	Vertical	Pass
17639.47	-64.42	-13	-51.42	-73.88	4.65	14.11	Vertical	Pass

LTE Band N77(3700-3980), Modulation: QPSK, Bandwidth:20MHz, 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
5002.497	-61.25	-13	-48.25	-67.13	4.26	10.14	Horizontal	Pass
9448.149	-61.71	-13	-48.71	-70.16	4.79	13.24	Horizontal	Pass
12541.9	-53.73	-13	-40.73	-61.62	5.36	13.25	Horizontal	Pass
9475.497	-61.55	-13	-48.55	-69.98	4.81	13.24	Vertical	Pass
12541.9	-62.97	-13	-49.97	-70.86	5.36	13.25	Vertical	Pass
17136.92	-64.3	-13	-51.3	-73.16	4.64	13.5	Vertical	Pass

LTE Band 77(3700-3980), Modulation: QPSK, Bandwidth:20MHz, 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
5016.977	-60.95	-13	-47.95	-66.84	4.26	10.15	Horizontal	Pass
11368.0	-63.1	-13	-50.1	-71.29	5.06	13.25	Horizontal	Pass
15177.89	-64.95	-13	-51.95	-73.79	5.58	14.42	Horizontal	Pass
7076.516	-62.08	-13	-49.08	-69.11	4.19	11.22	Vertical	Pass
9448.149	-61.97	-13	-48.97	-70.42	4.79	13.24	Vertical	Pass
13211.69	-54.66	-13	-41.66	-63.0	5.46	13.8	Vertical	Pass

---End of Attachment---