N30-10M-PAPR-M-DFT-s-OFDM-16QAM-Outer_Full

N30-10M-PAPR-M-DFT-s-OFDM-64QAM-Outer_Full

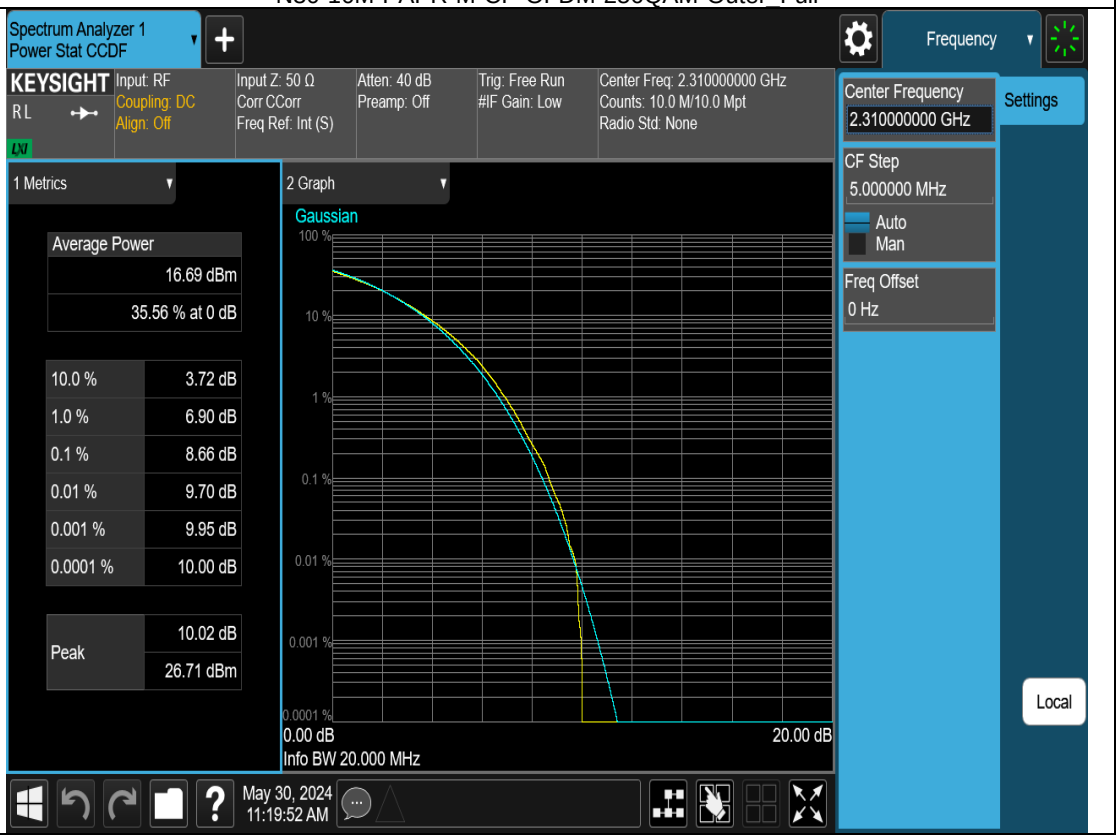
N30-10M-PAPR-M-DFT-s-OFDM-256QAM-Outer_Full

N30-10M-PAPR-M-CP-OFDM-QPSK-Outer_Full

N30-10M-PAPR-M-CP-OFDM-16QAM-Outer_Full

N30-10M-PAPR-M-CP-OFDM-64QAM-Outer_Full

N30-10M-PAPR-M-CP-OFDM-256QAM-Outer_Full



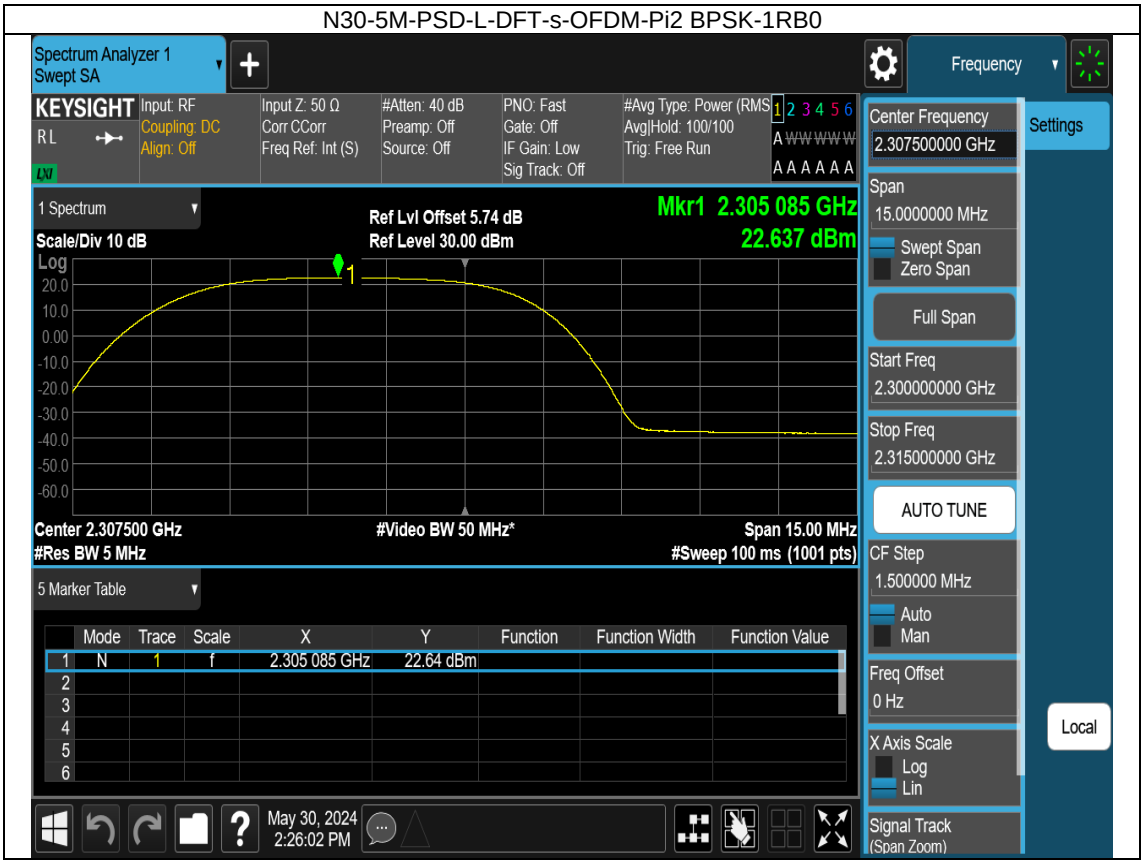
Power spectral density

Test Result

5G NR N30 SCS=15kHz 5MHz					
Modulation		RB Allocation	Power spectral density (dBm)	Limit/5MHz (dBm)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	1RB0	22.637	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.315	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.439	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	20.228	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	18.353		
CP-OFDM QPSK		1RB0	20.358	23.98	Pass
CP-OFDM 16QAM		1RB0	20.747	23.98	Pass
CP-OFDM 64QAM		1RB0	19.885	23.98	Pass
CP-OFDM 256QAM		1RB0	16.855		
DFT-s-OFDM PI/2 BPSK	Midd CH	1RB0	22.870	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.464	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.727	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	20.495	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	18.833		
CP-OFDM QPSK		1RB0	20.375	23.98	Pass
CP-OFDM 16QAM		1RB0	20.808	23.98	Pass
CP-OFDM 64QAM		1RB0	20.035	23.98	Pass
CP-OFDM 256QAM		1RB0	16.943		
DFT-s-OFDM PI/2 BPSK	High CH	1RB0	22.915	23.98	Pass
DFT-s-OFDM QPSK		1RB0	21.534	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	20.893	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	20.497	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	18.966		
CP-OFDM QPSK		1RB0	20.623	23.98	Pass
CP-OFDM 16QAM		1RB0	20.908	23.98	Pass
CP-OFDM 64QAM		1RB0	20.463	23.98	Pass
CP-OFDM 256QAM		1RB0	17.074		

5G NR N30 SCS=15kHz 10MHz					
Modulation		RB Allocation	Power spectral density (dBm)	Limit/5MHz (dBm)	Verdict
DFT-s-OFDM PI/2 BPSK	Midd CH	1RB0	22.690	23.98	Pass
DFT-s-OFDM QPSK		1RB0	22.265	23.98	Pass
DFT-s-OFDM 16QAM		1RB0	21.291	23.98	Pass
DFT-s-OFDM 64QAM		1RB0	20.906	23.98	Pass
DFT-s-OFDM 256QAM		1RB0	18.966		
CP-OFDM QPSK		1RB0	20.527	23.98	Pass
CP-OFDM 16QAM		1RB0	20.657	23.98	Pass
CP-OFDM 64QAM		1RB0	20.226	23.98	Pass
CP-OFDM 256QAM		1RB0	17.520		

Power spectral density test graph



N30-5M-PSD-L-DFT-s-OFDM-QPSK-1RB0

N30-5M-PSD-L-DFT-s-OFDM-16QAM-1RB0

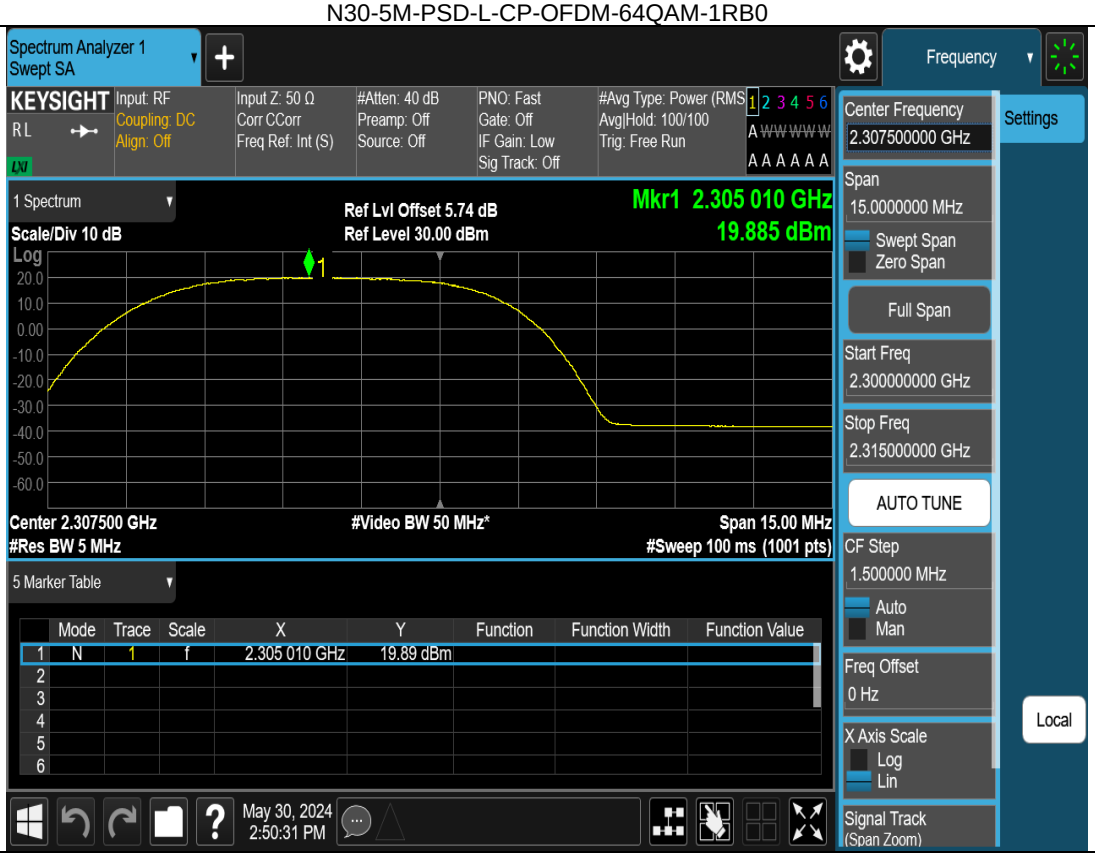
N30-5M-PSD-L-DFT-s-OFDM-64QAM-1RB0

N30-5M-PSD-L-DFT-s-OFDM-256QAM-1RB0

N30-5M-PSD-L-CP-OFDM-QPSK-1RB0

N30-5M-PSD-L-CP-OFDM-16QAM-1RB0

N30-5M-PSD-L-CP-OFDM-64QAM-1RB0



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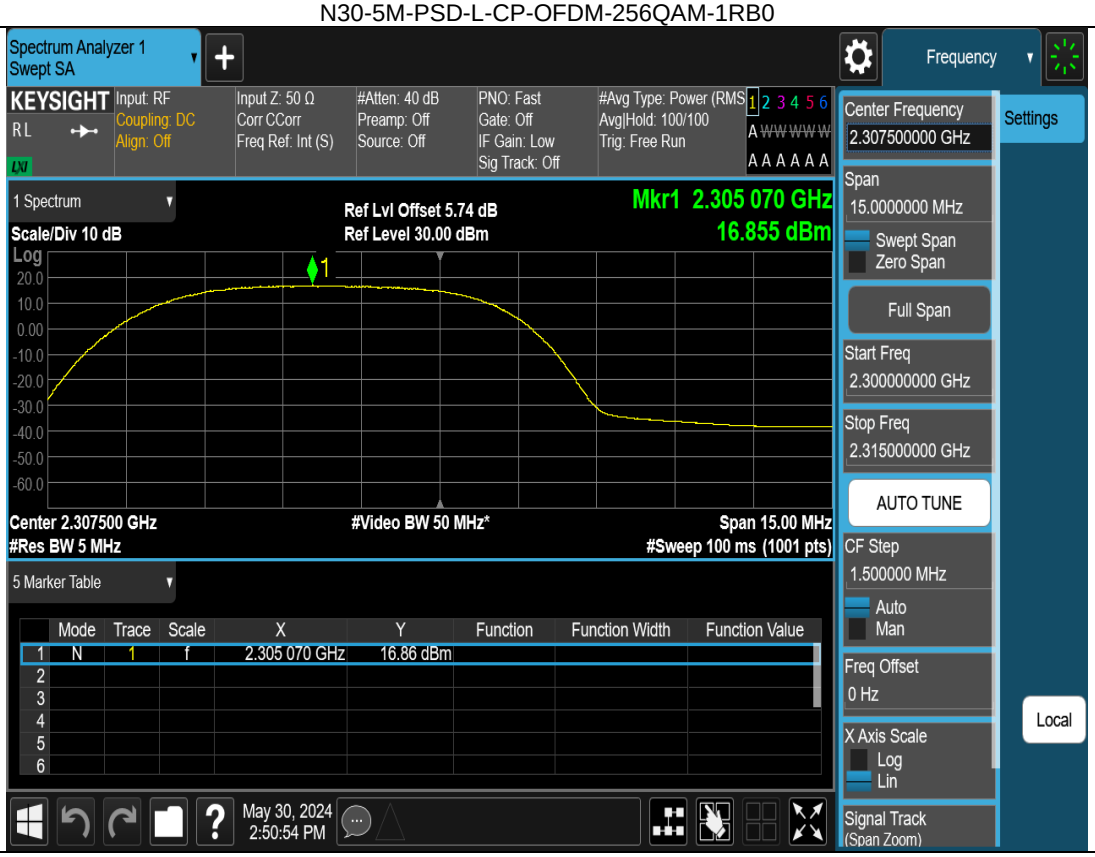
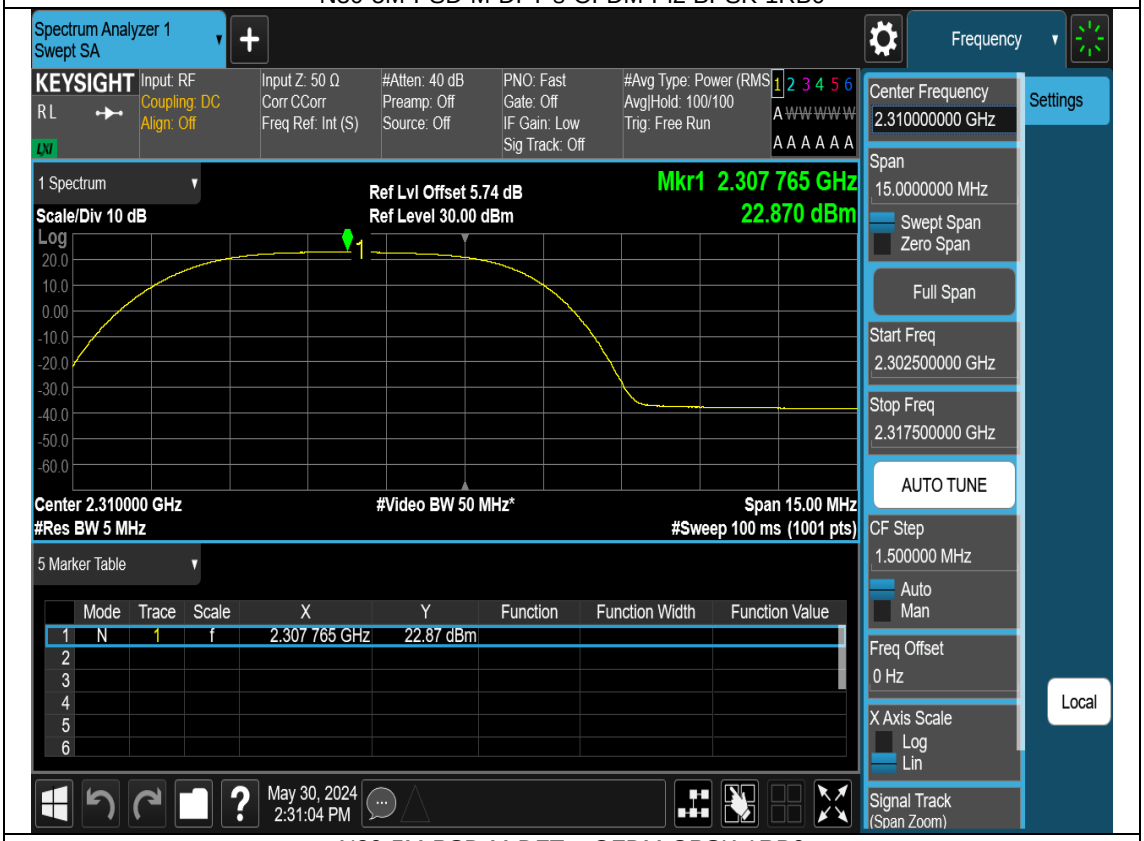


N30-5M-PSD-M-DFT-s-OFDM-Pi2 BPSK-1RB0



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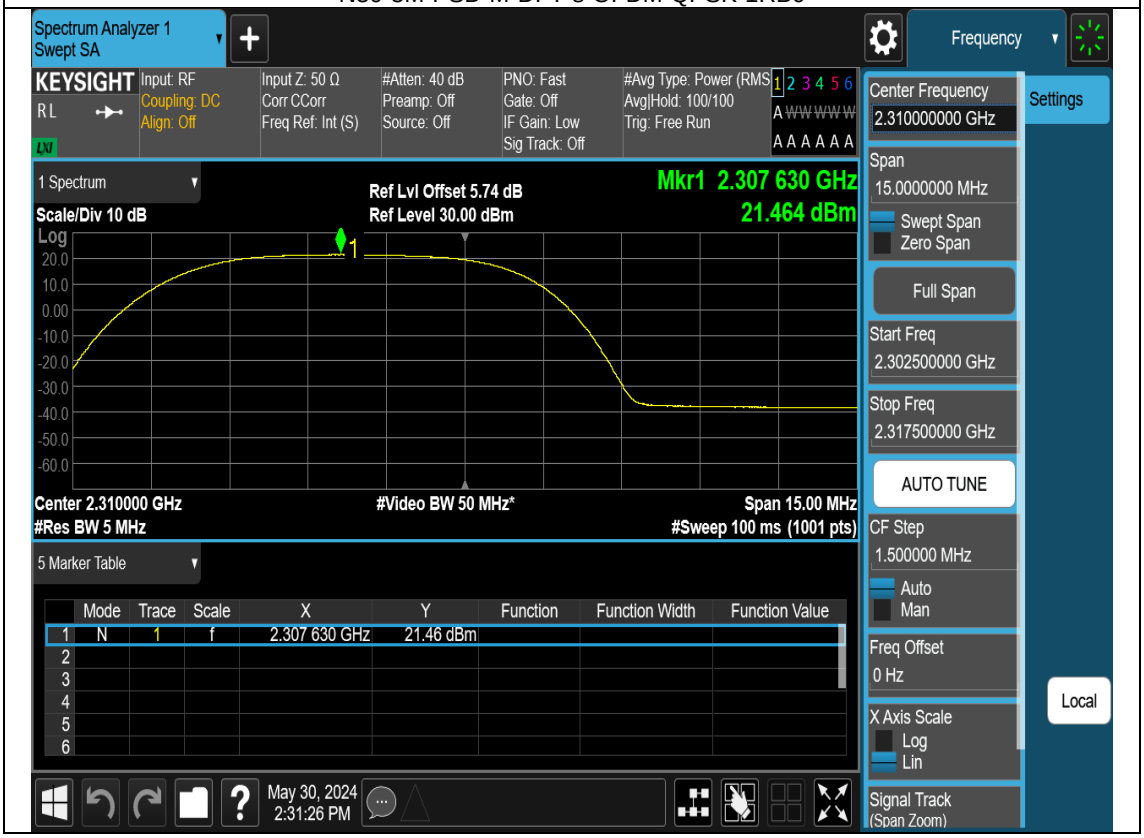

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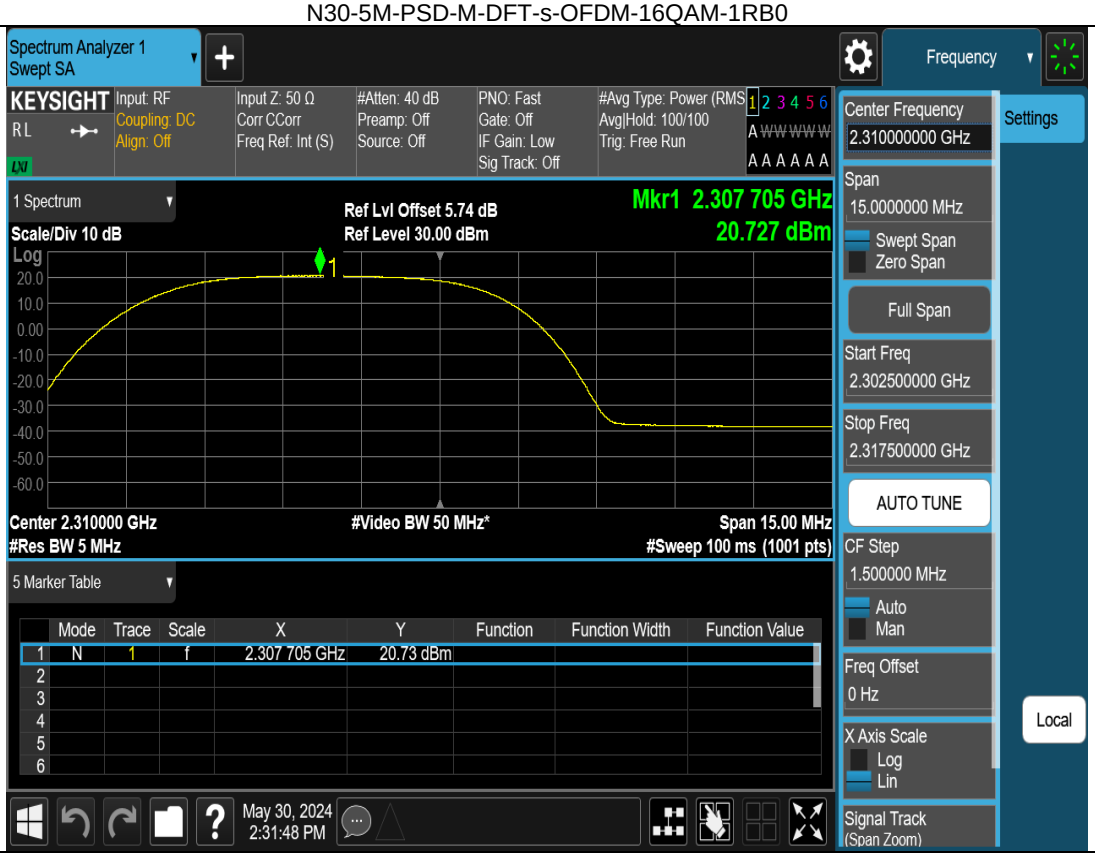

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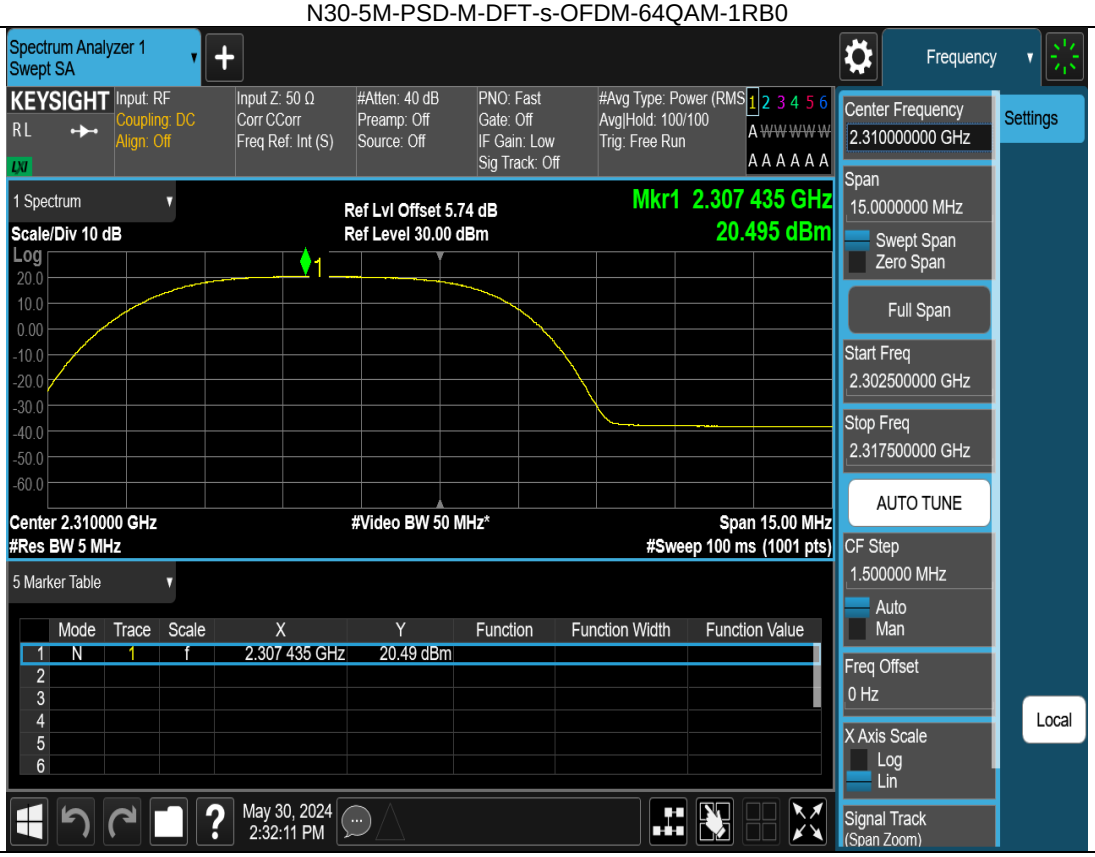

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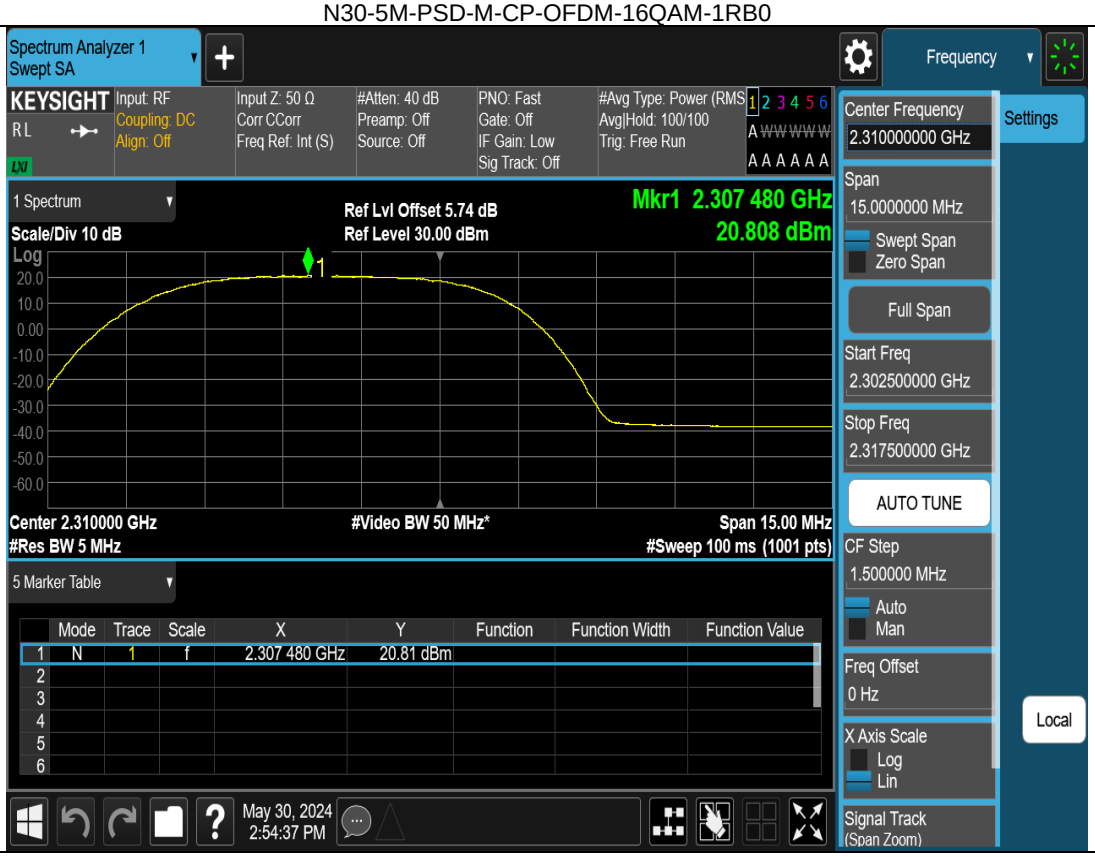
N30-5M-PSD-M-CP-OFDM-QPSK-1RB0

N30-5M-PSD-M-CP-OFDM-16QAM-1RB0



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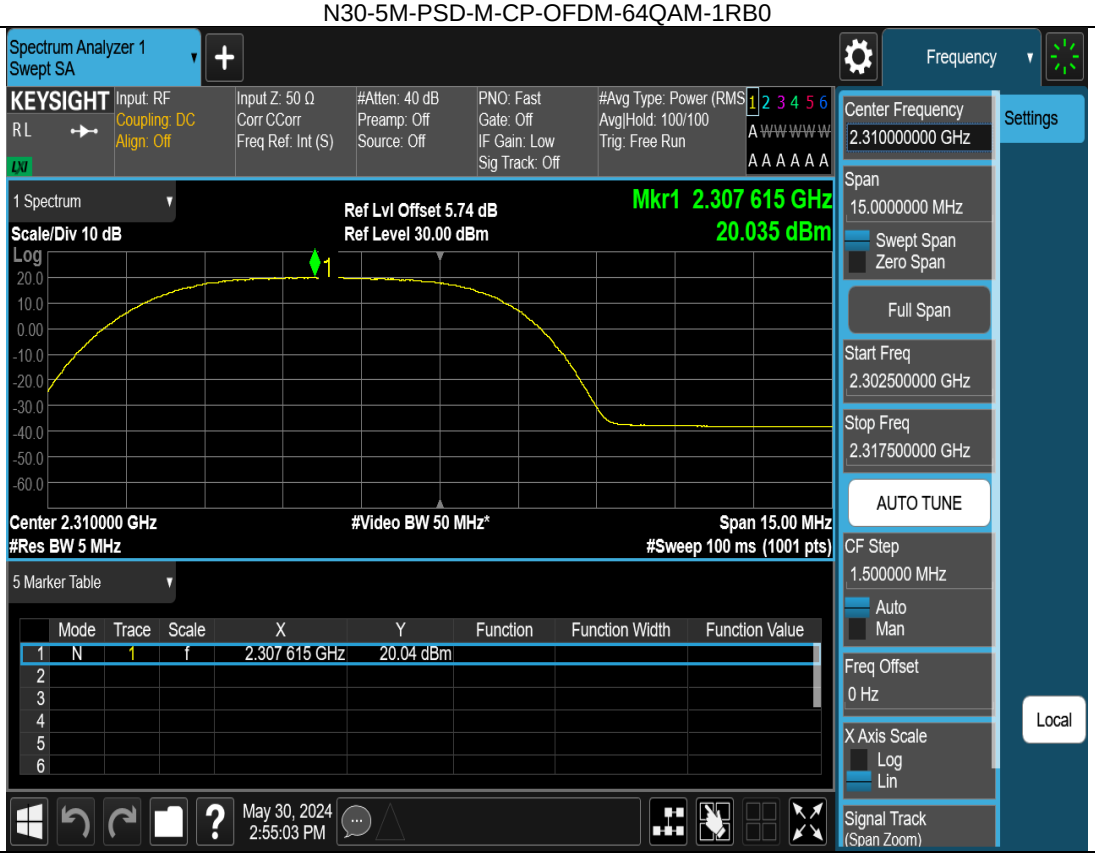

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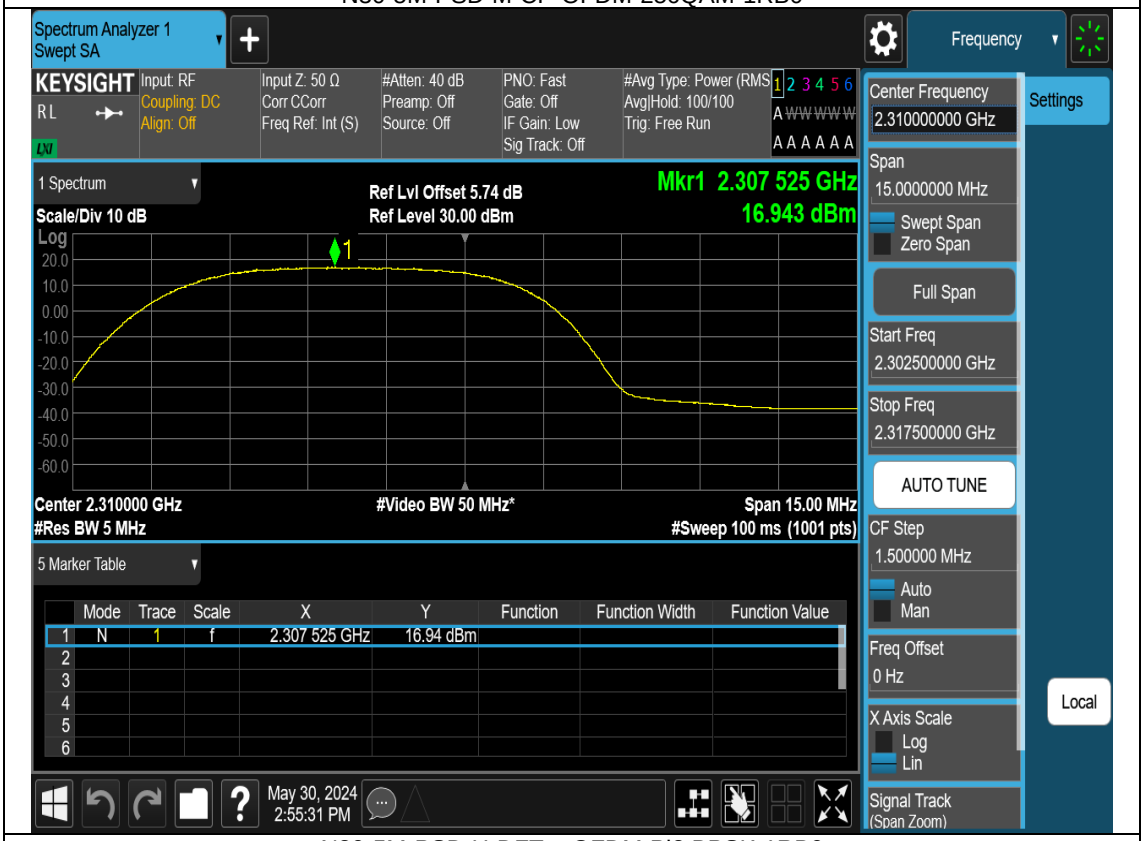
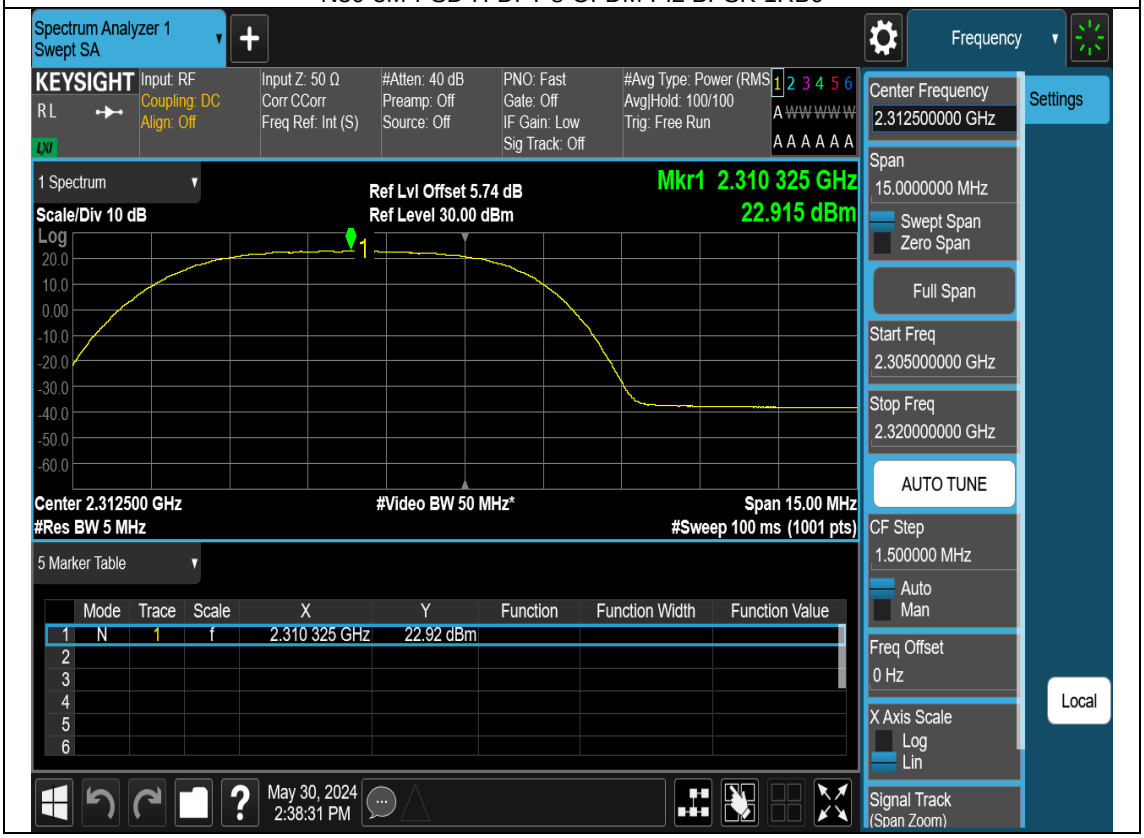


N30-5M-PSD-H-DFT-s-OFDM-Pi2 BPSK-1RB0



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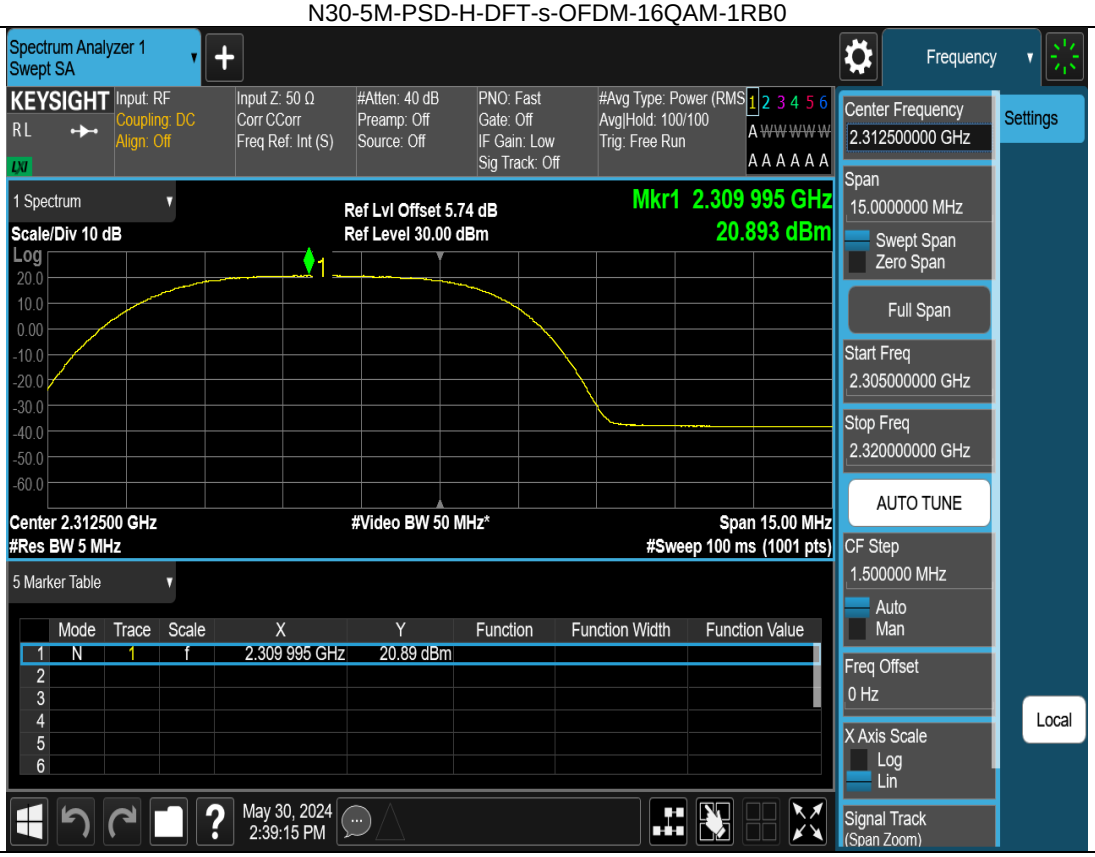

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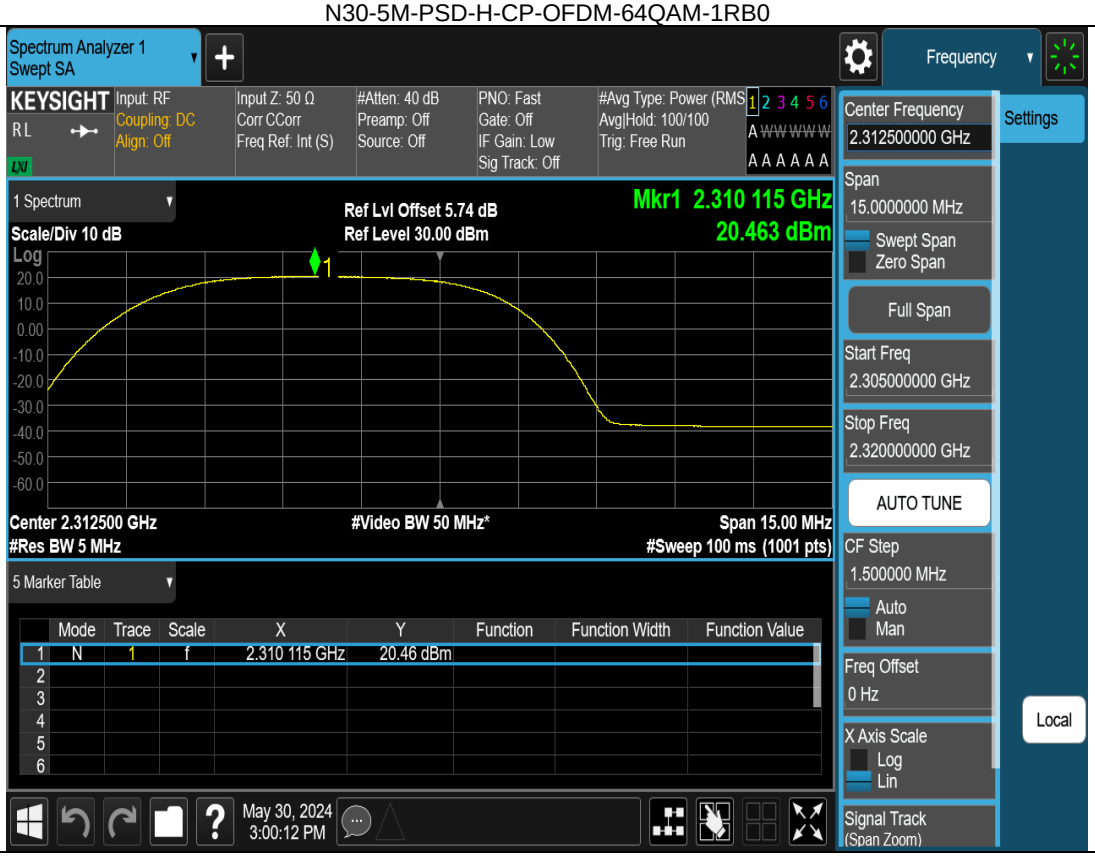
N30-5M-PSD-H-DFT-s-OFDM-256QAM-1RB0

N30-5M-PSD-H-CP-OFDM-QPSK-1RB0

N30-5M-PSD-H-CP-OFDM-16QAM-1RB0

N30-5M-PSD-H-CP-OFDM-64QAM-1RB0



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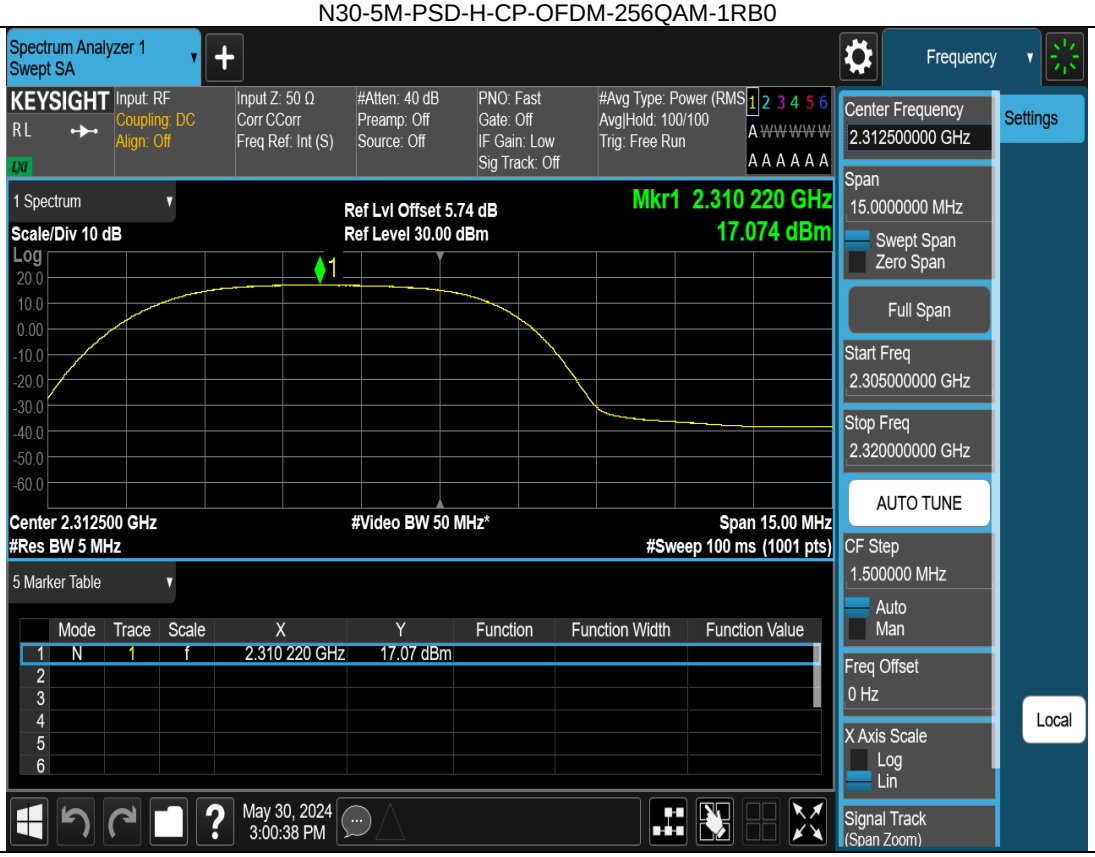

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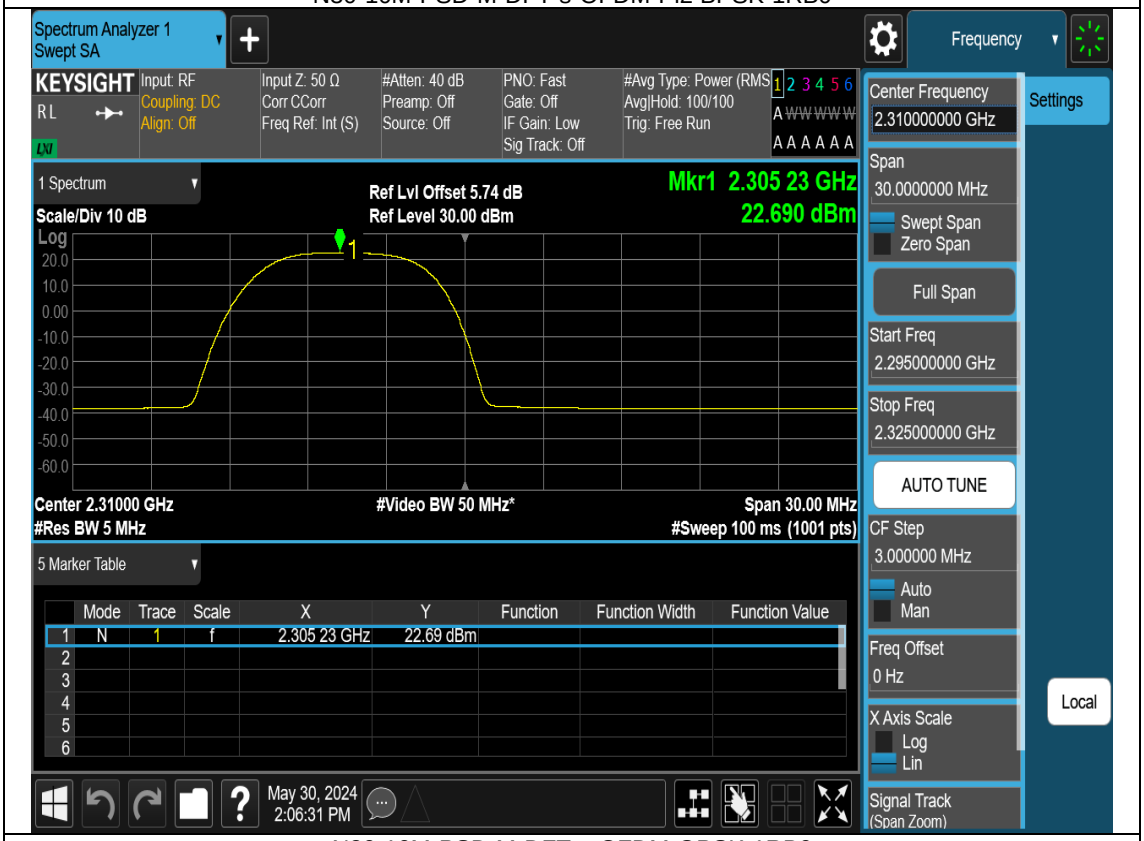

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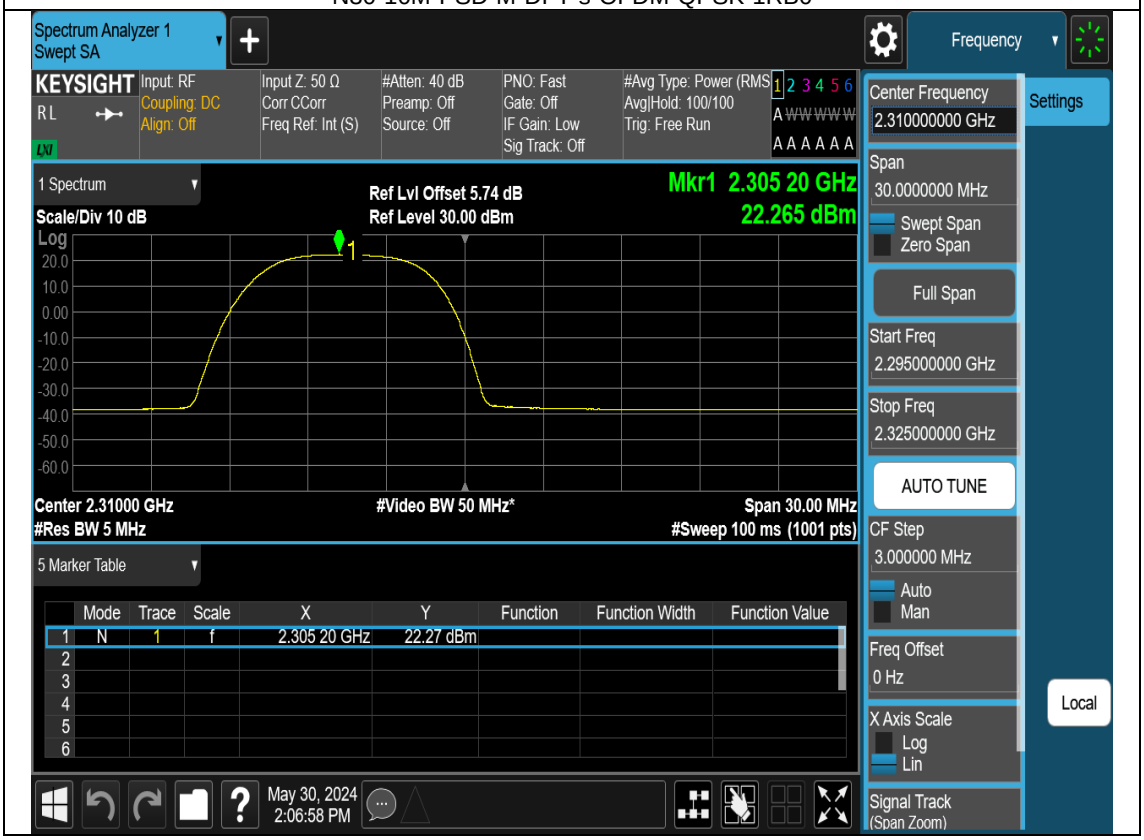

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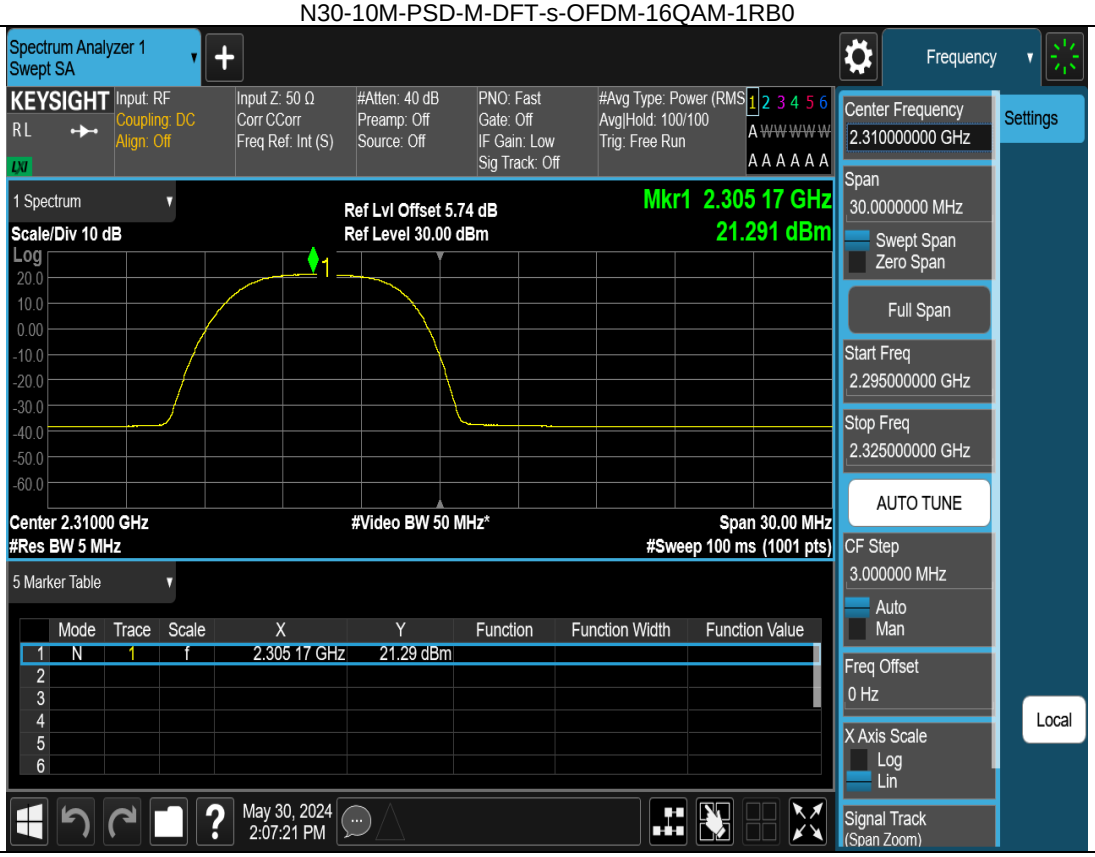

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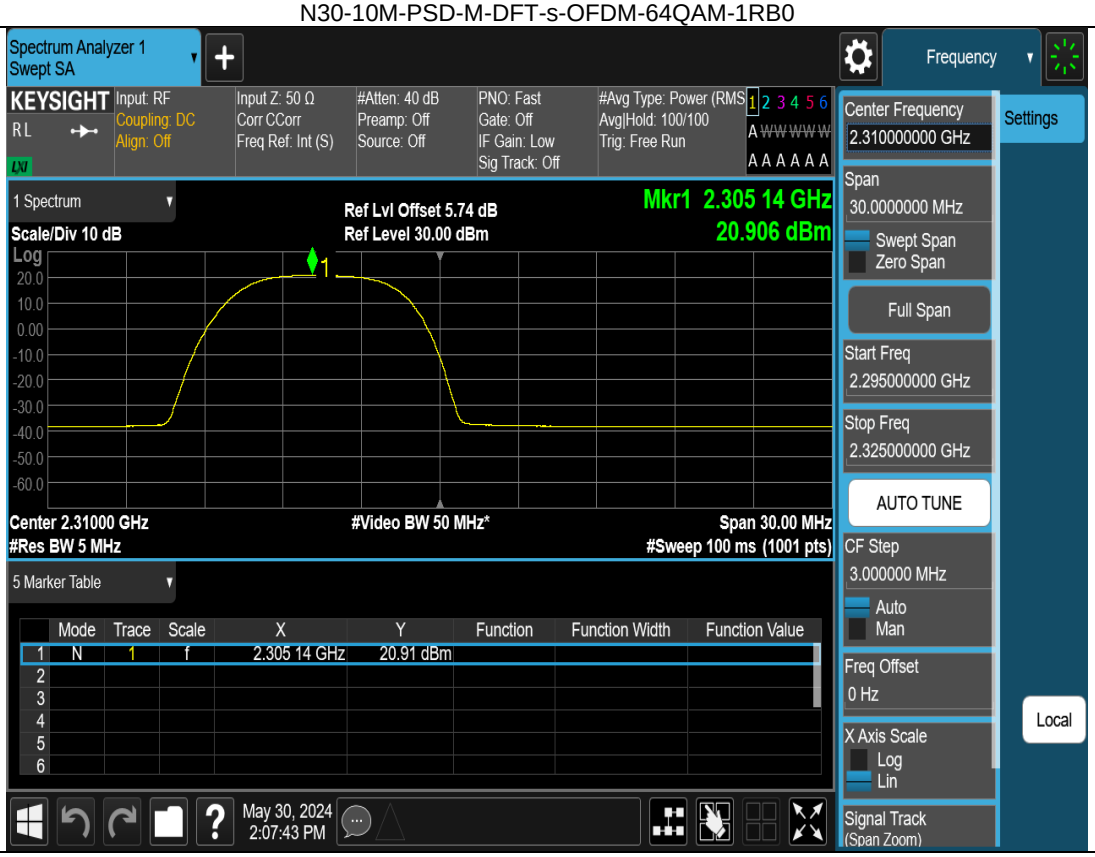

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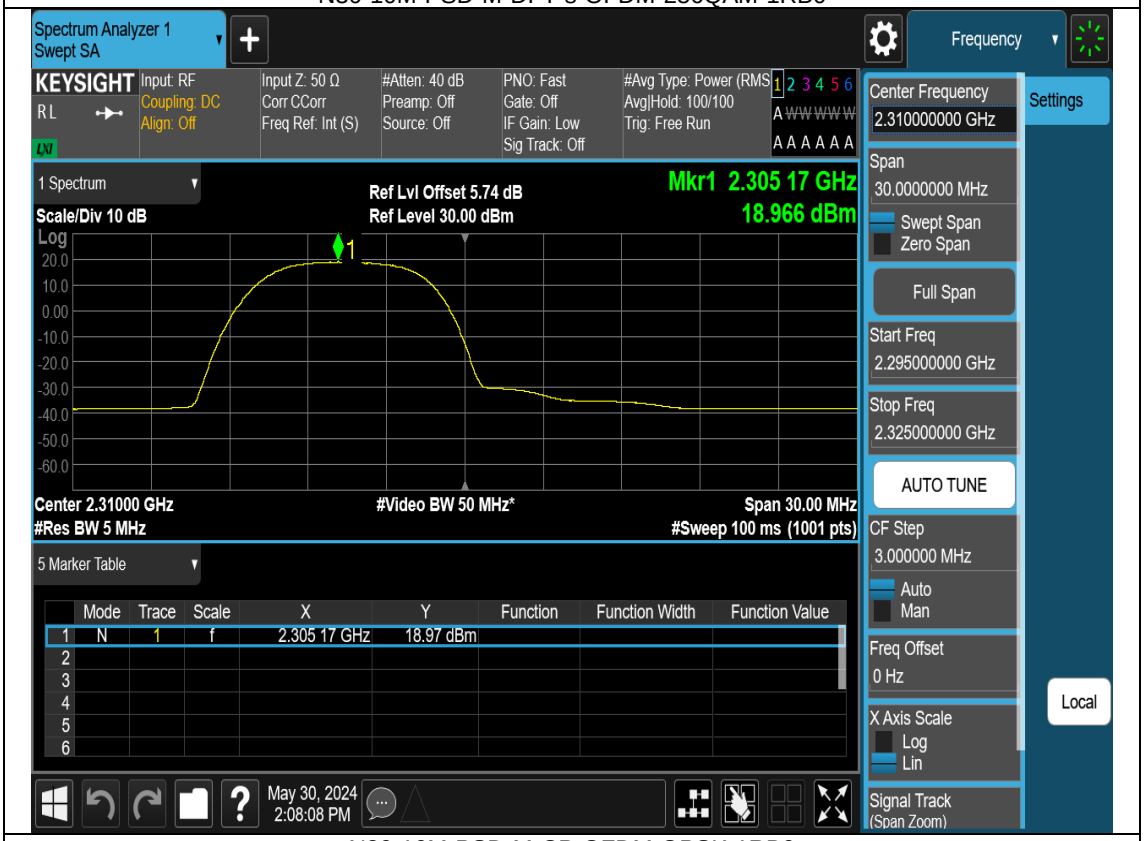

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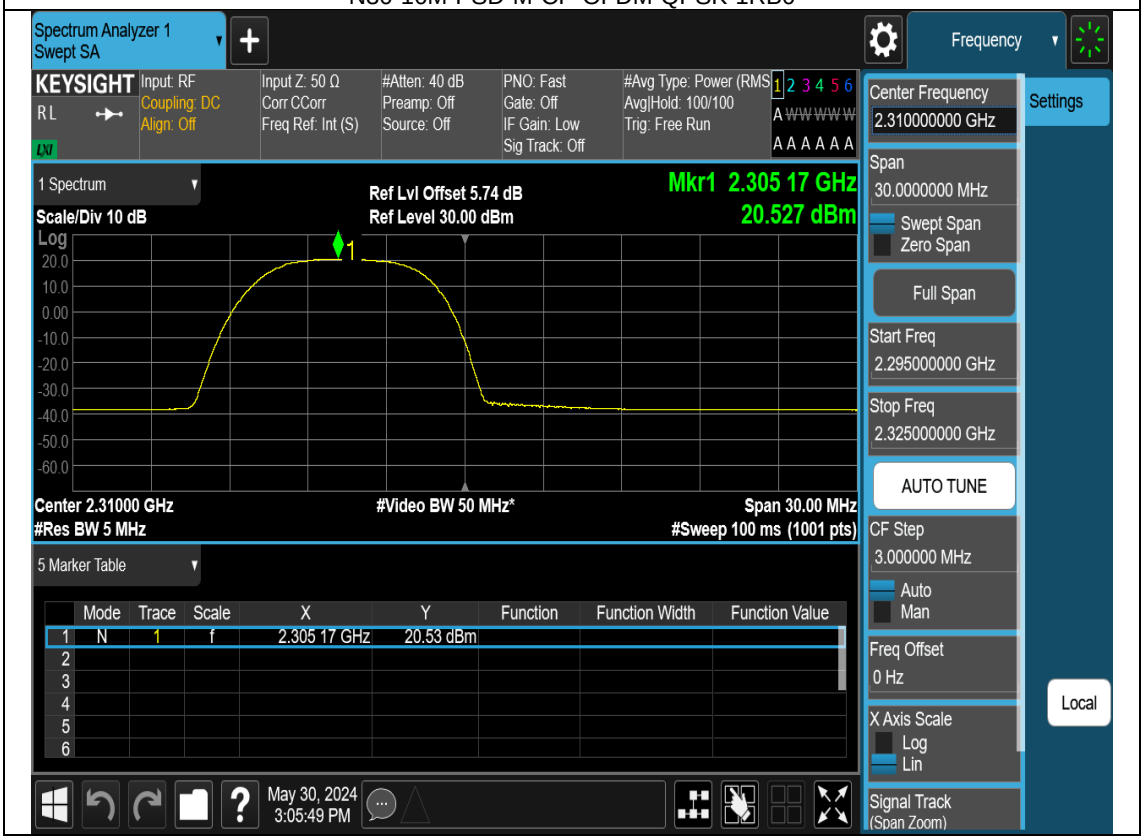

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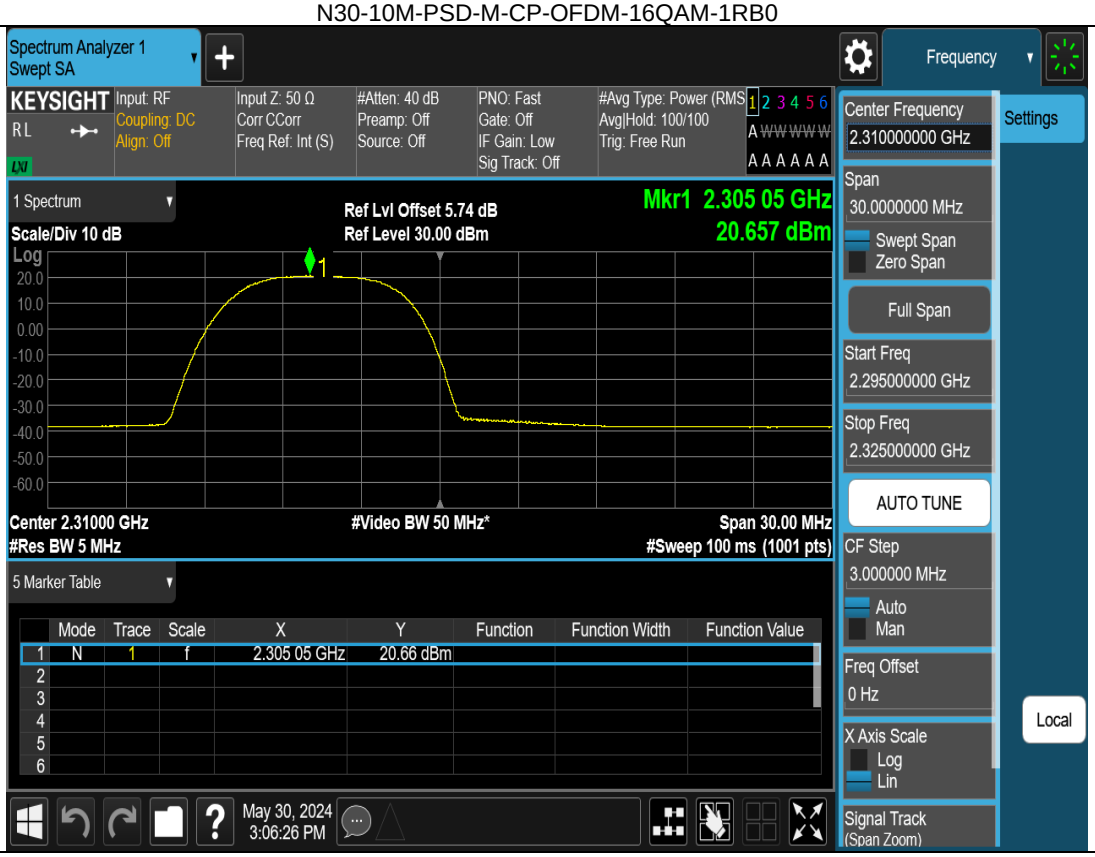

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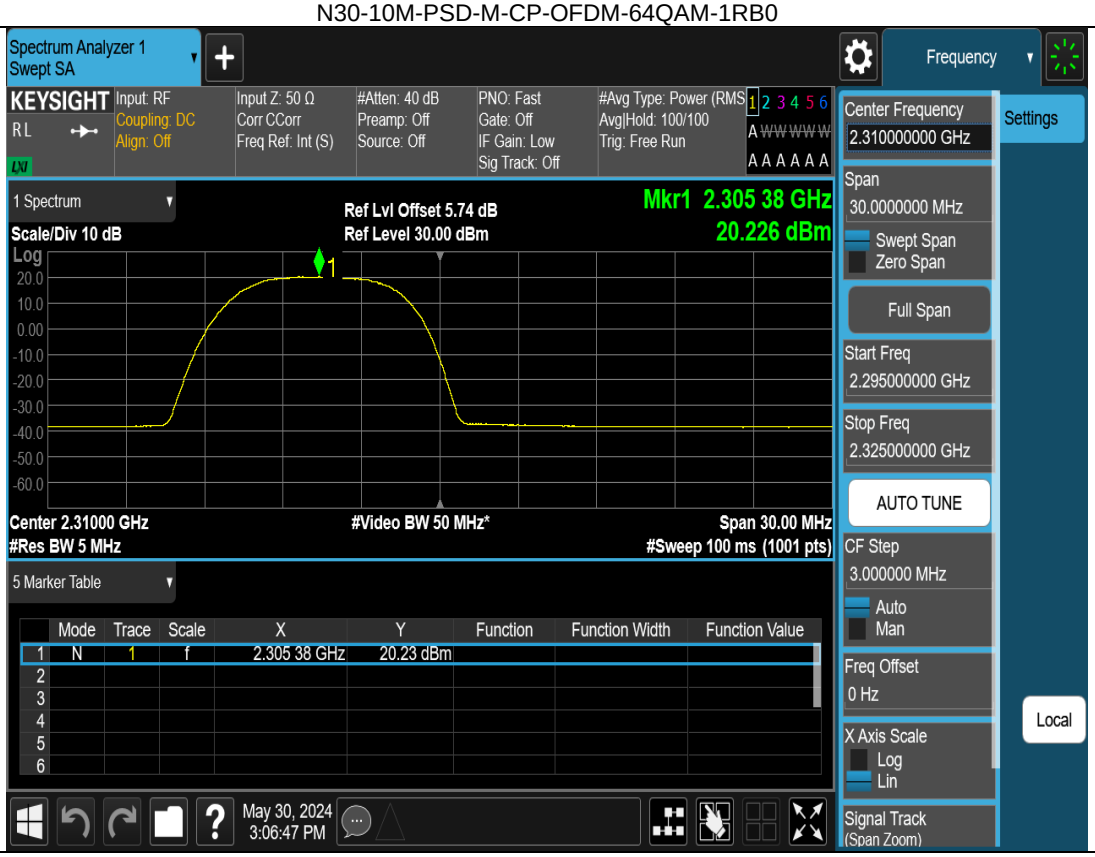
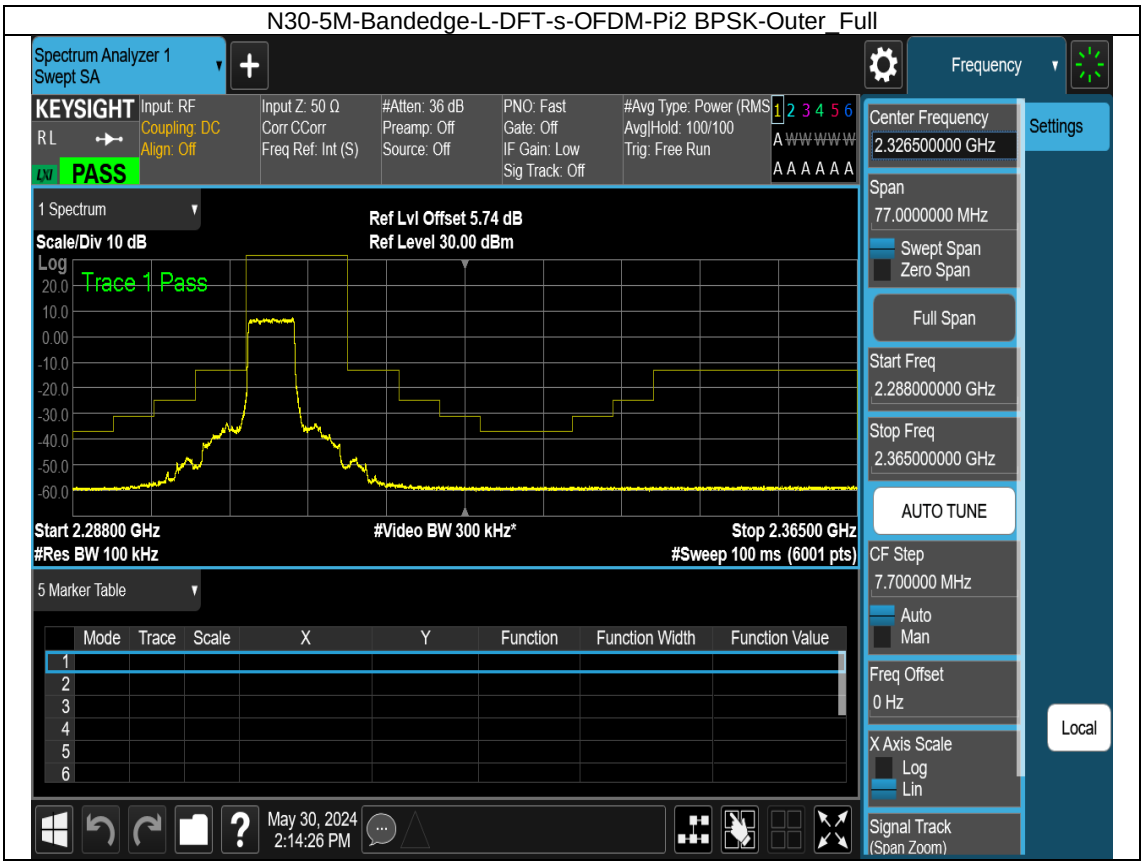
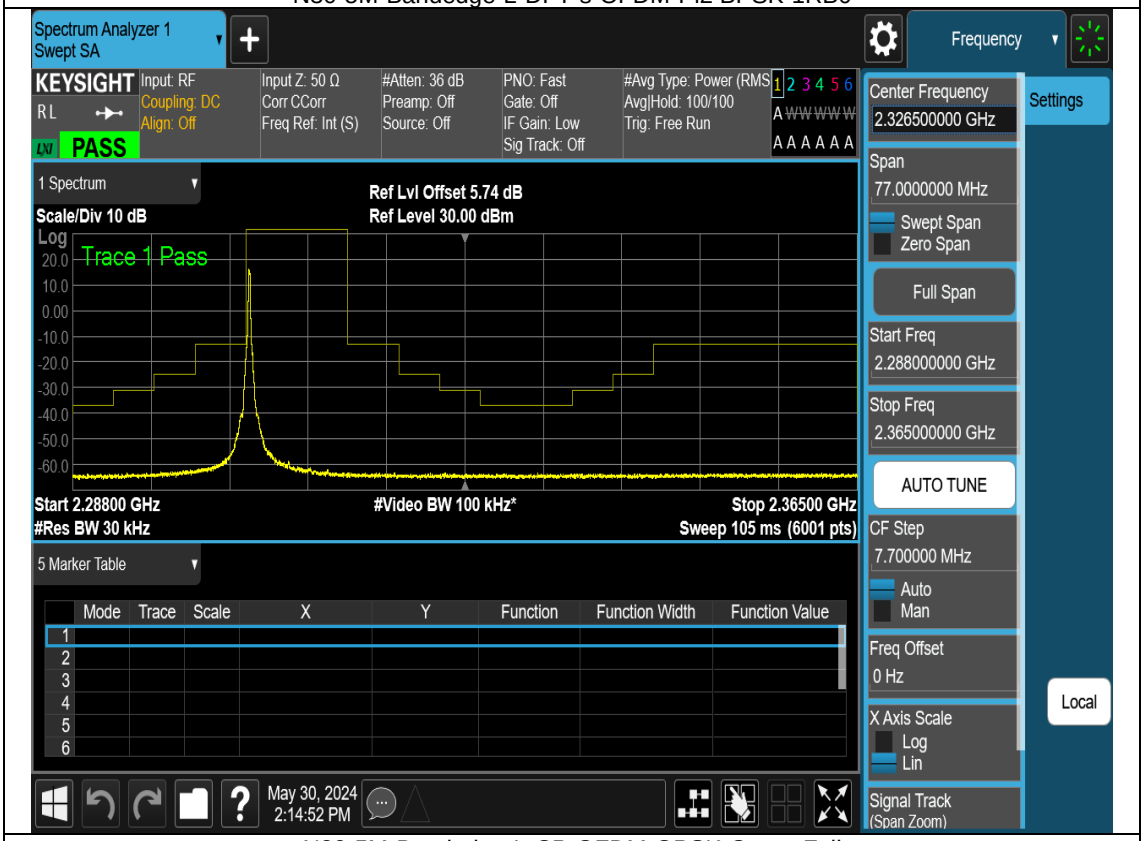


N30-10M-PSD-M-CP-OFDM-256QAM-1RB0

Bandedge test graph

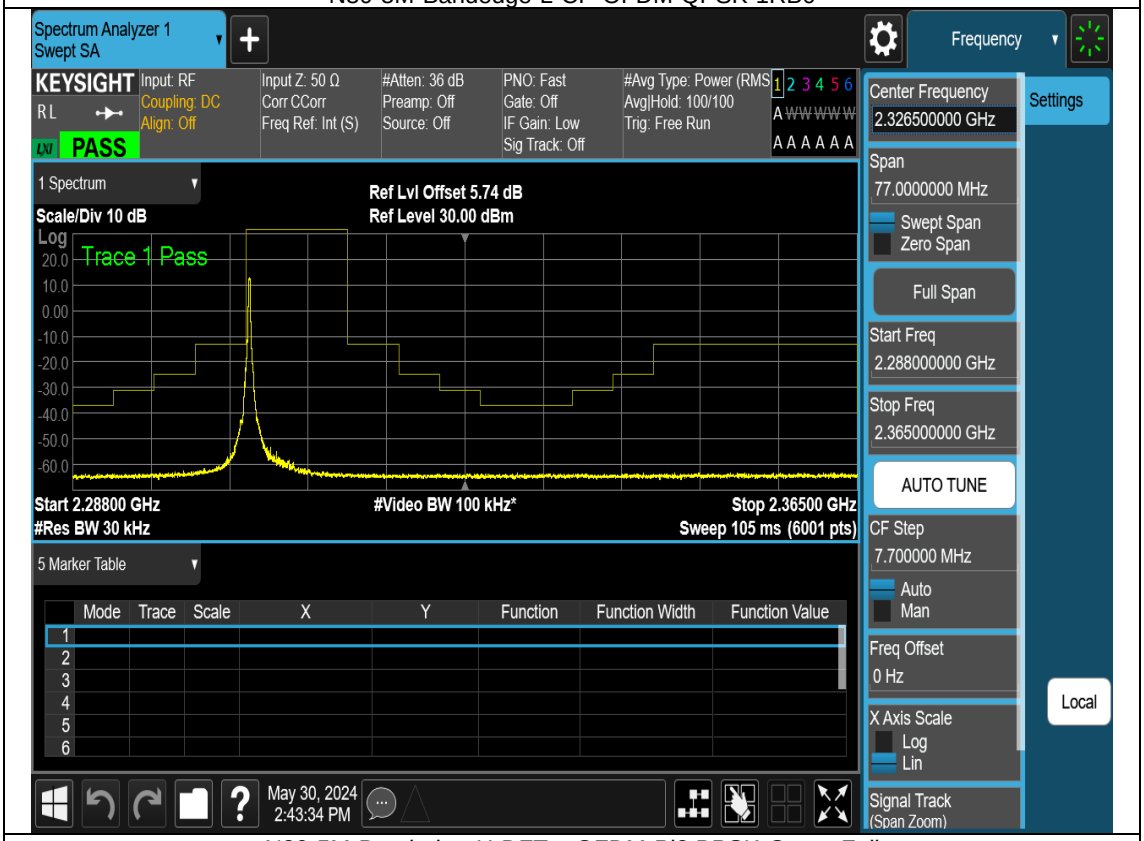


N30-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0

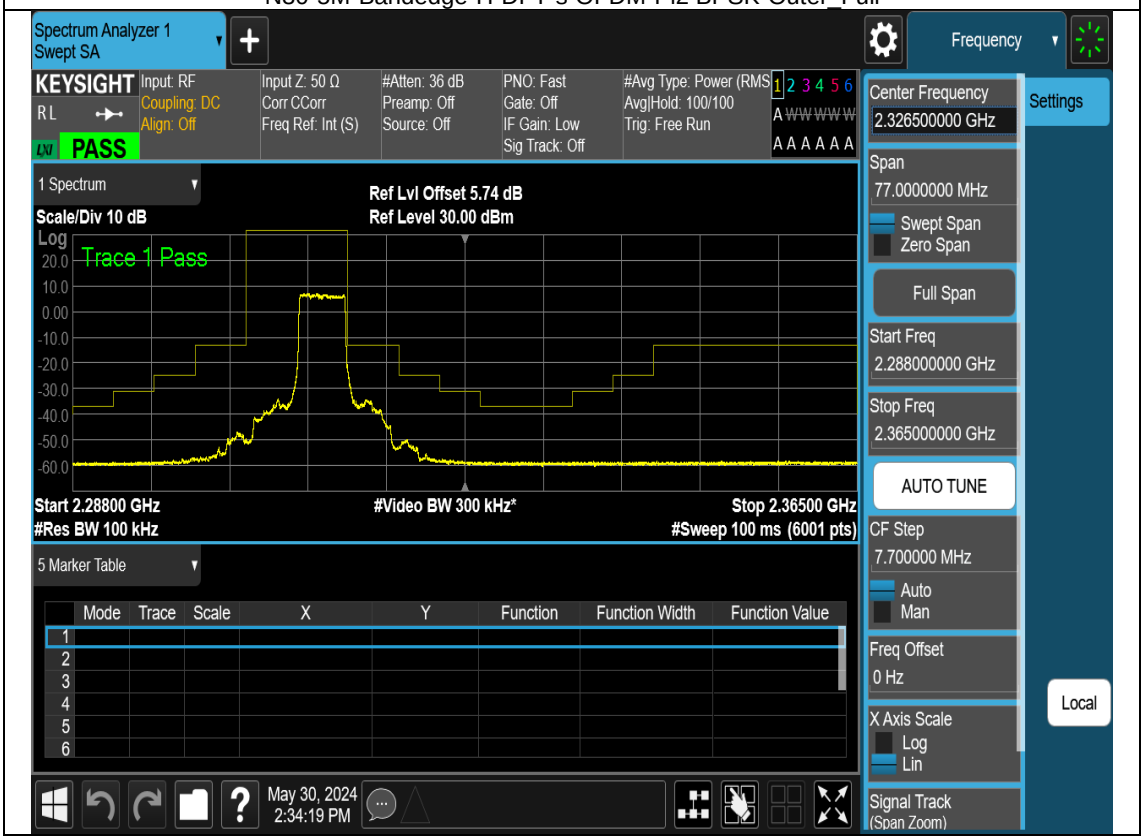


N30-5M-Bandedge-L-CP-OFDM-QPSK-Outer_Full

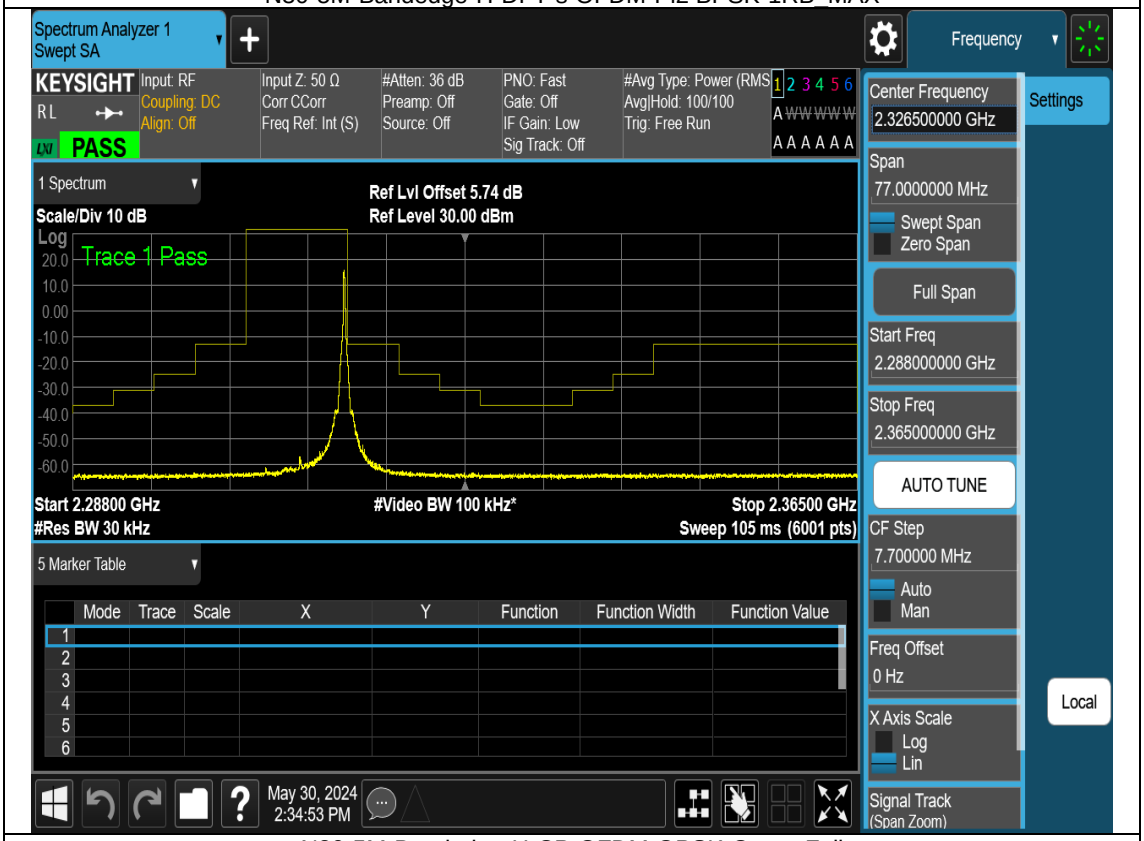
N30-5M-Bandedge-L-CP-OFDM-QPSK-1RB0



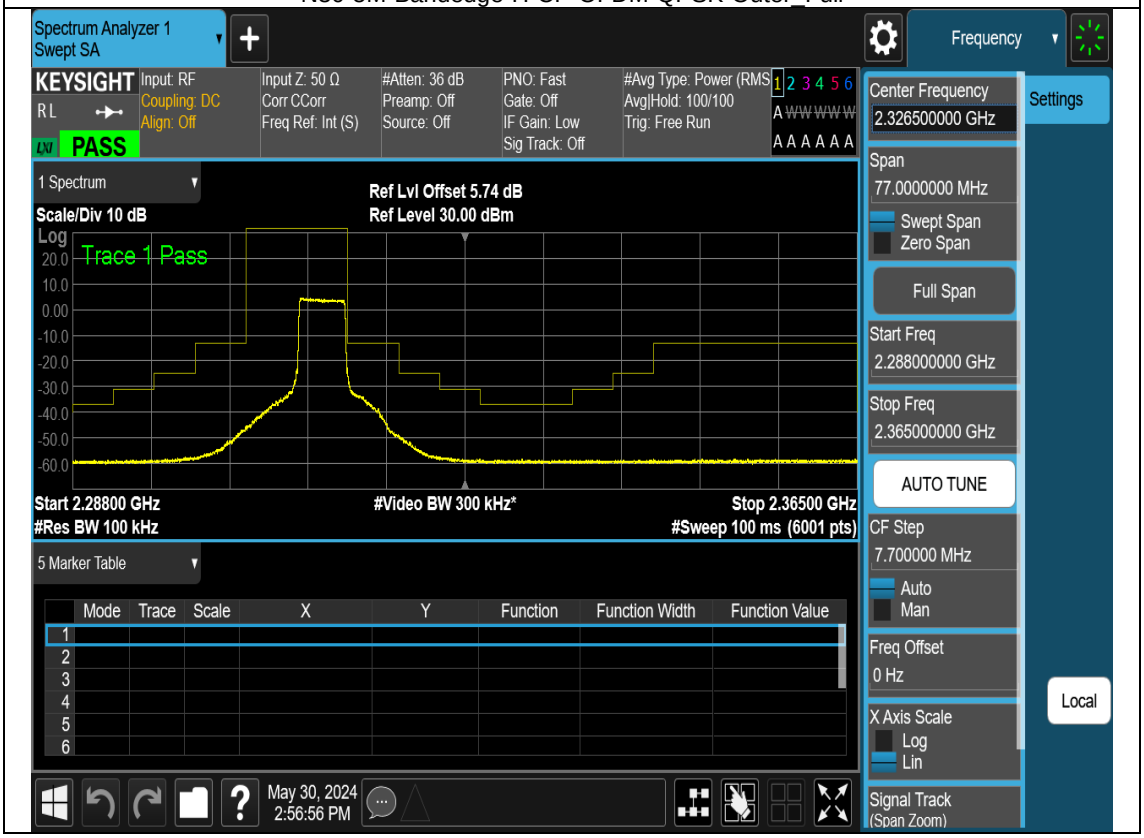
N30-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



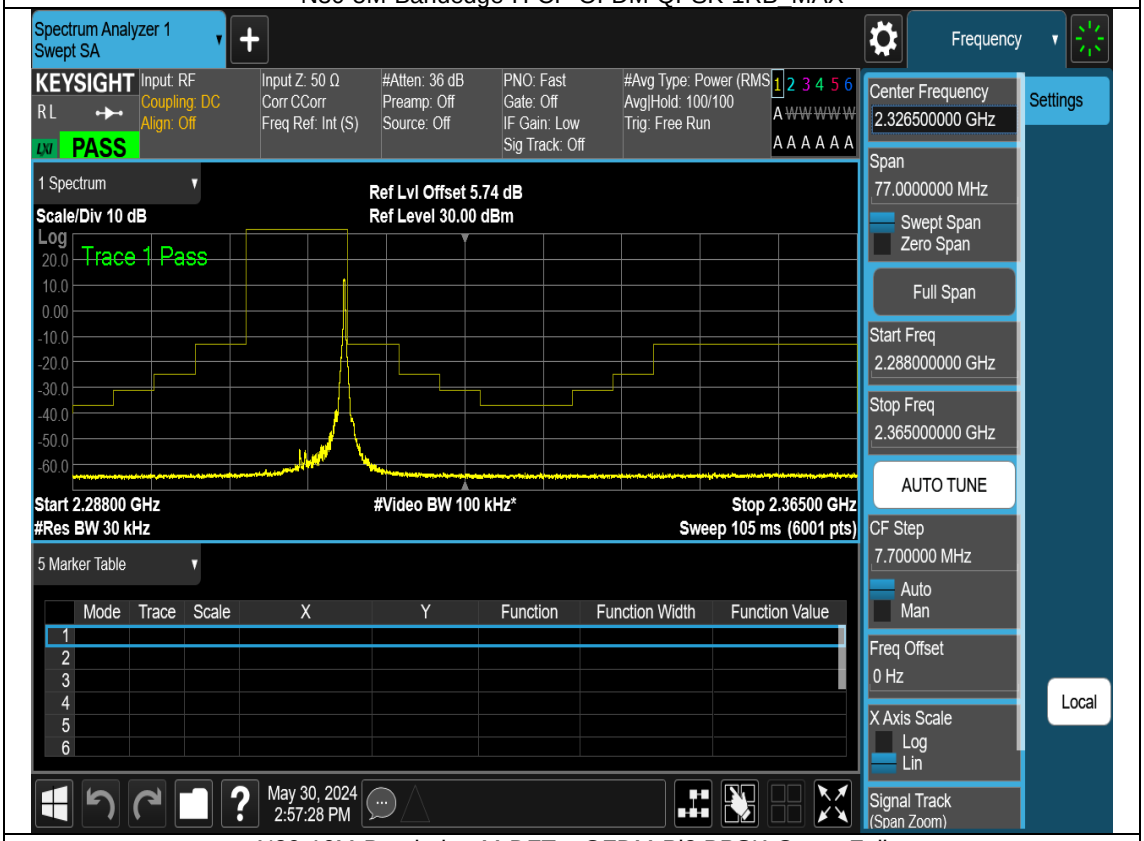
N30-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



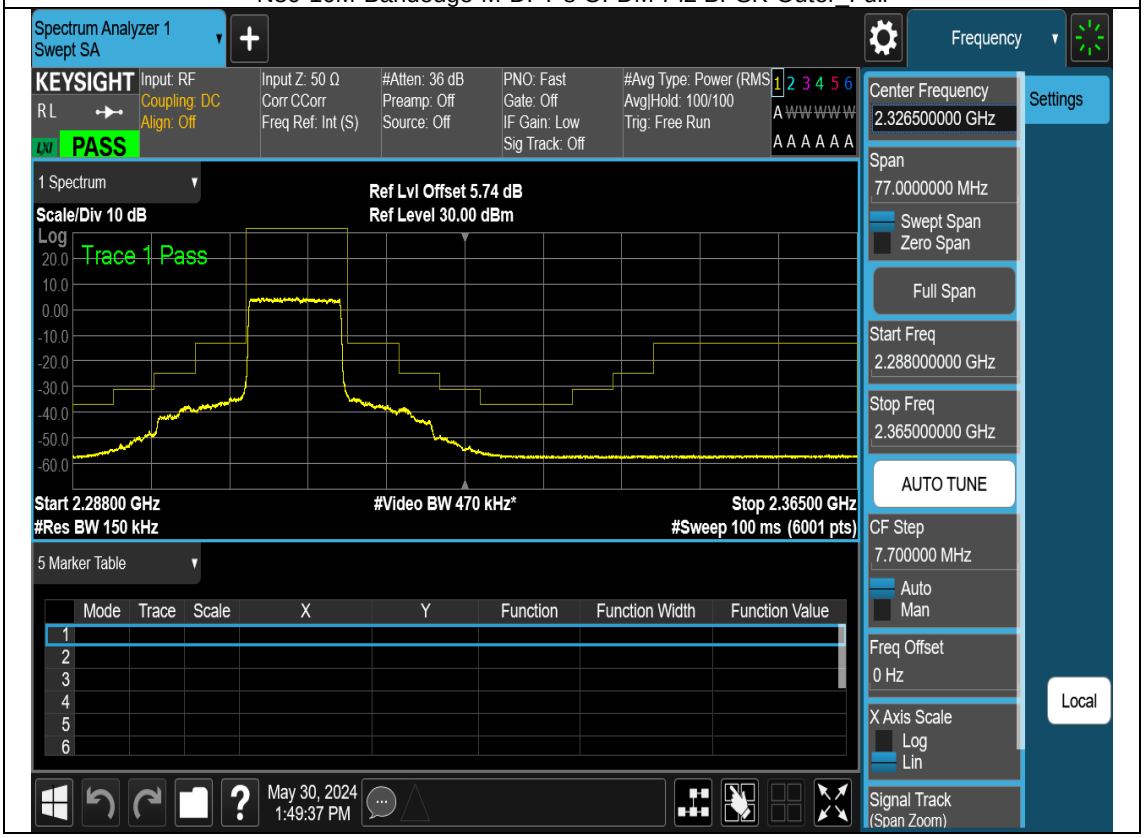
N30-5M-Bandedge-H-CP-OFDM-QPSK-Outer_Full



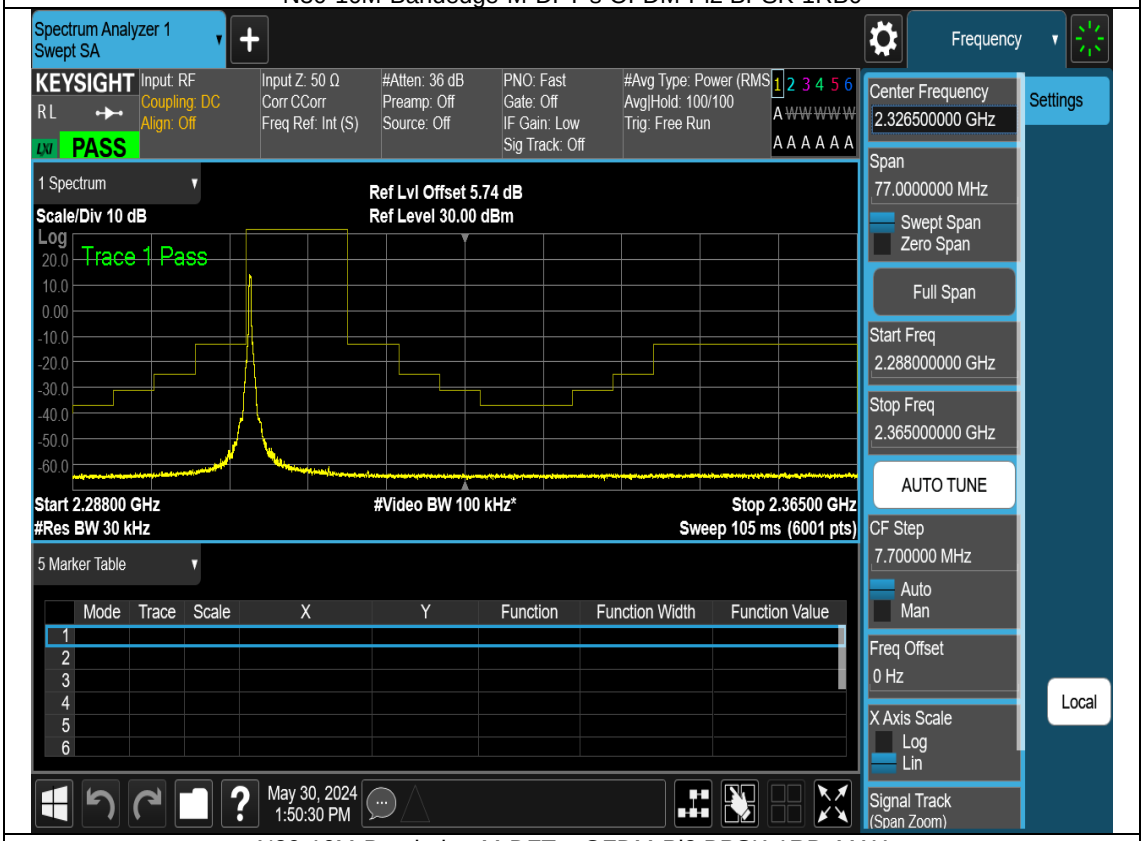
N30-5M-Bandedge-H-CP-OFDM-QPSK-1RB_MAX



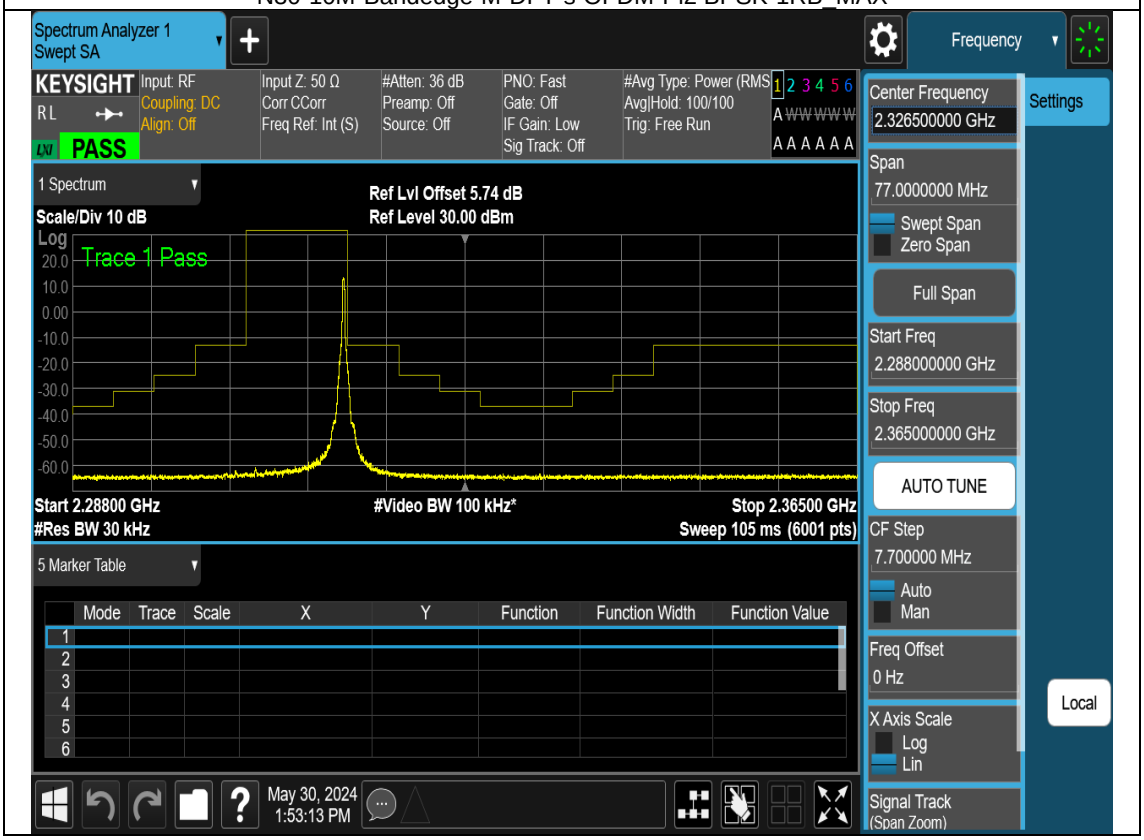
N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-Outer_Full



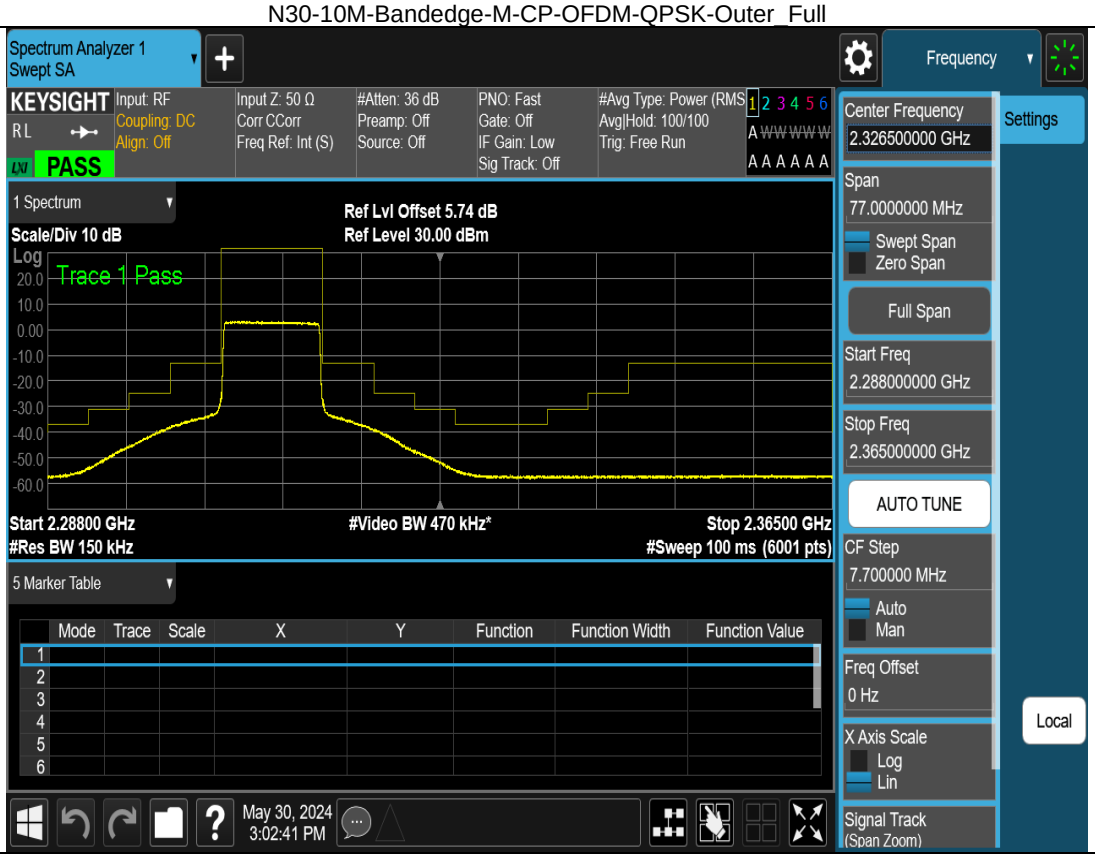
N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB0



N30-10M-Bandedge-M-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



N30-10M-Bandedge-M-CP-OFDM-QPSK-Outer_Full



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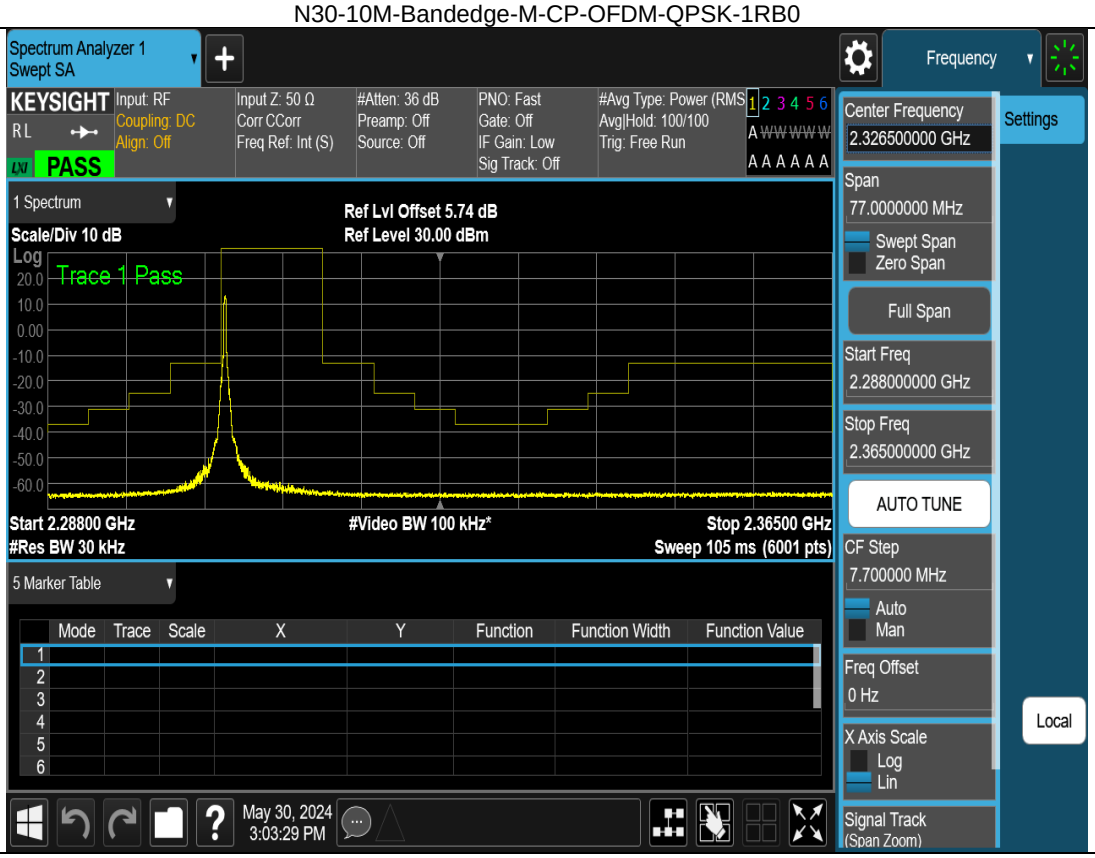
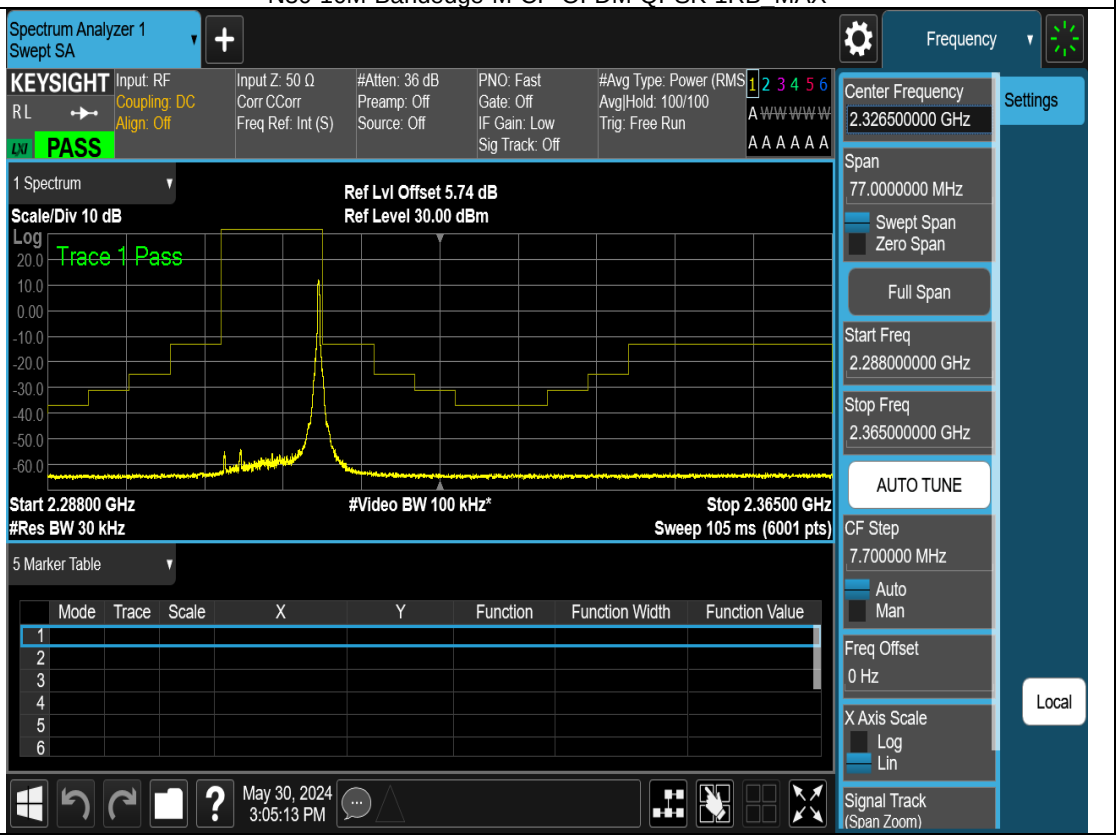
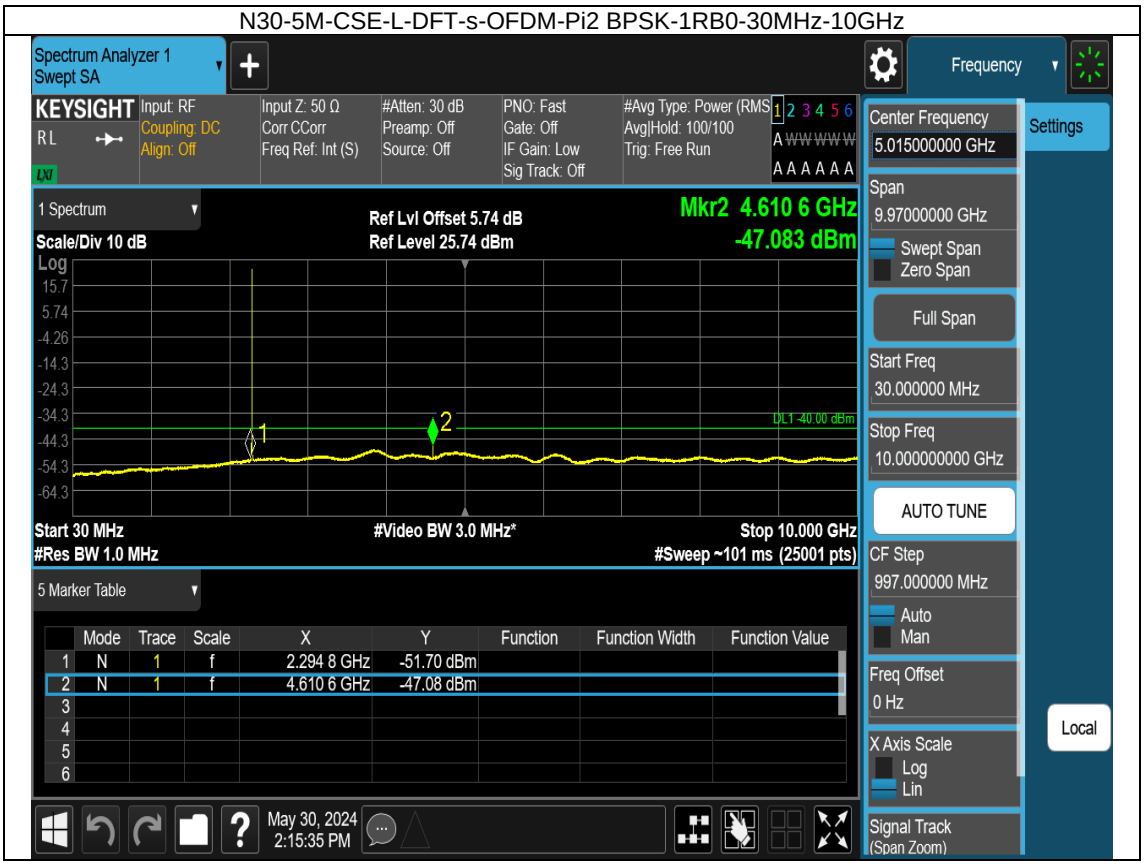


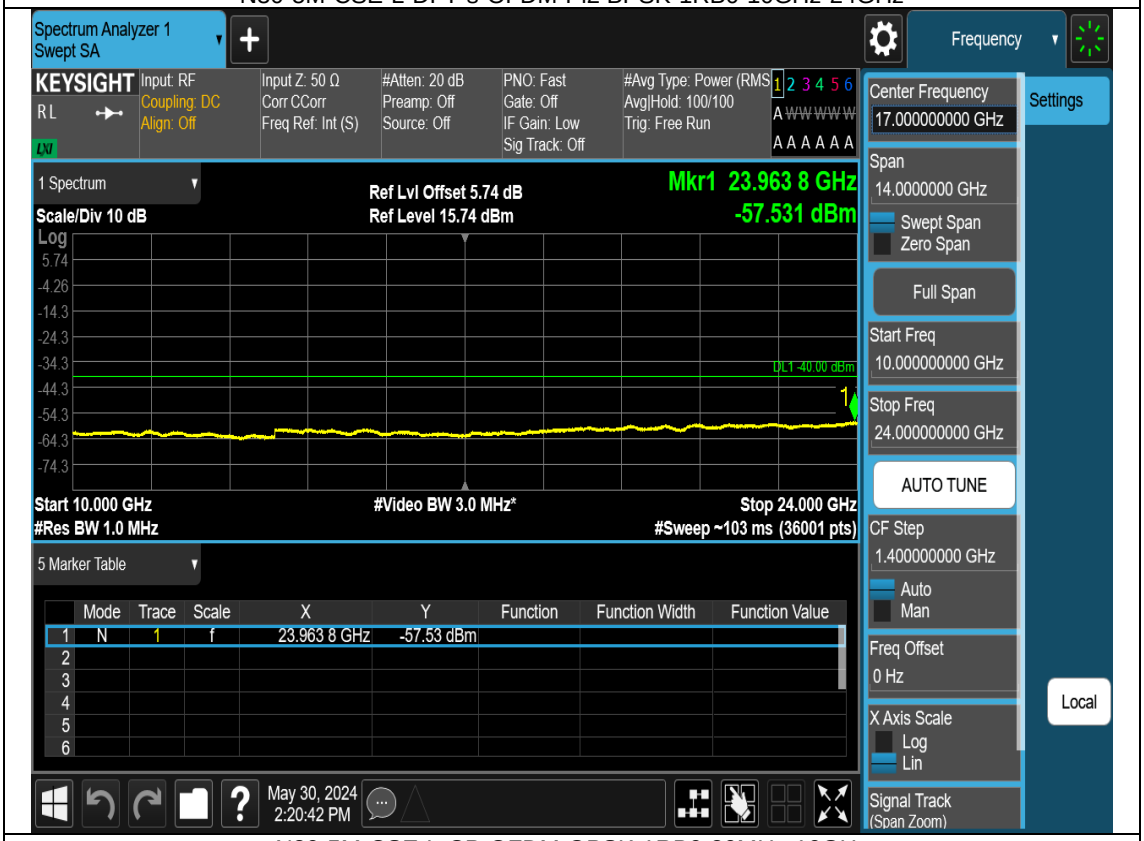
N30-10M-Bandedge-M-CP-OFDM-QPSK-1RB_MAX



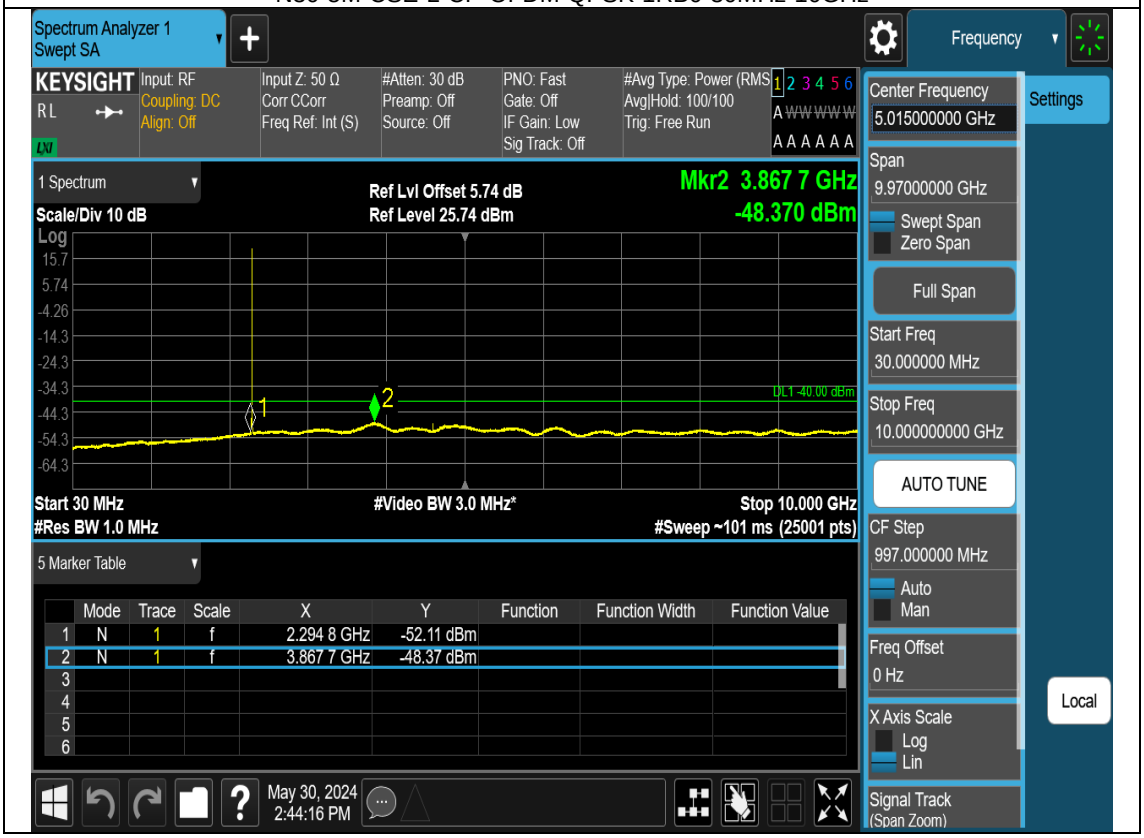
Conducted spurious emissions test graph



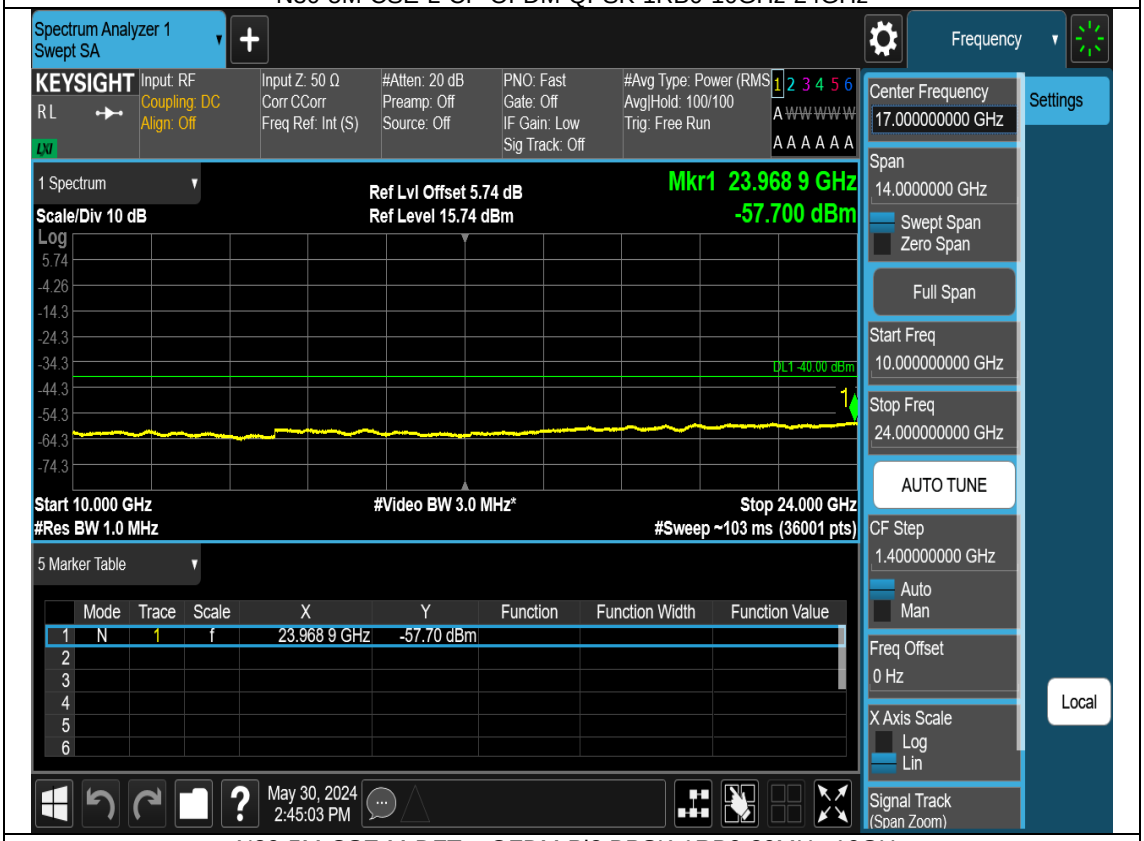
N30-5M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-24GHz



N30-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N30-5M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-24GHz



N30-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz