

N48(20M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



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OFDM QPSK Edge 1RB Left Mid CH



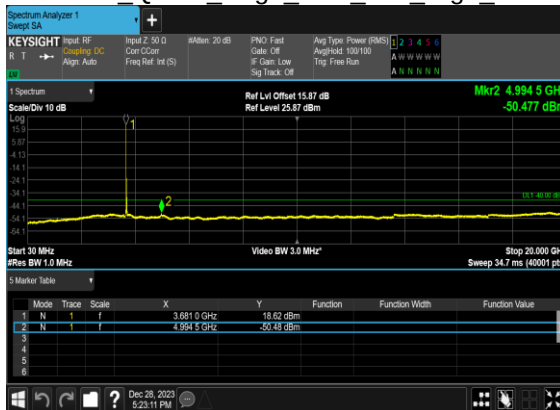
N48(20M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N48(20M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



N48(20M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



N48(20M)_DFT-s-
OFDM QPSK Edge 1RB Left High CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



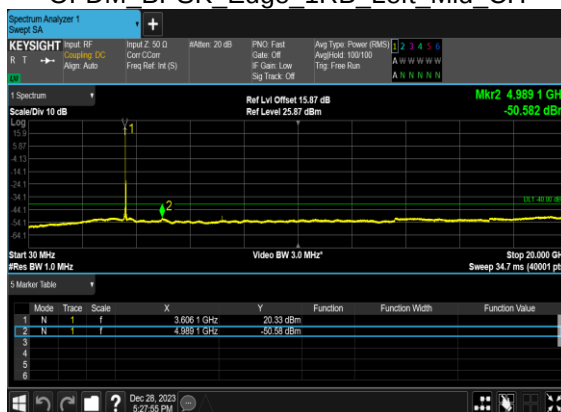
N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



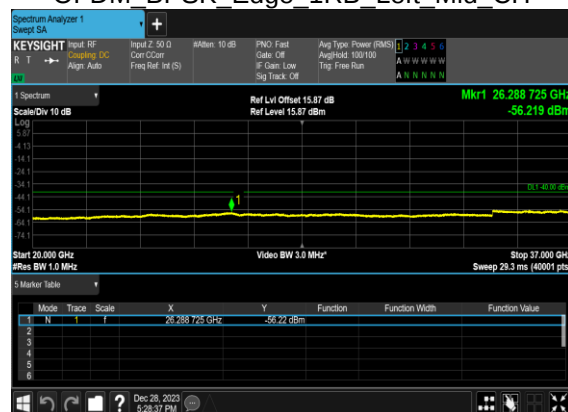
N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



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N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left High CH

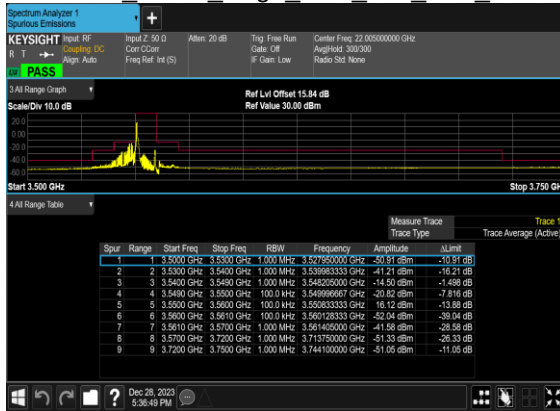


Conducted Band Edge

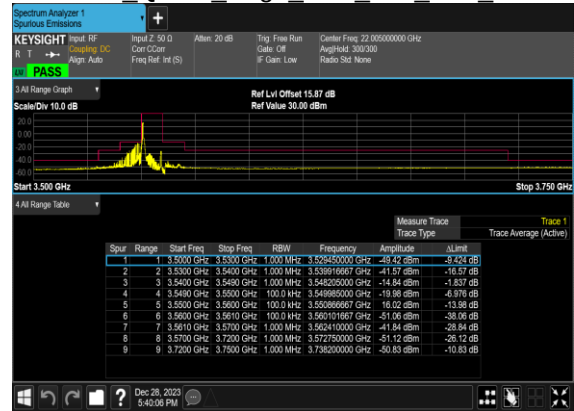
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	PASS

48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	100@0	see graph	PASS

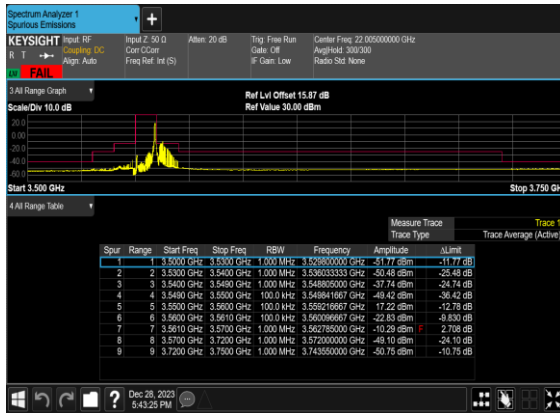
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N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



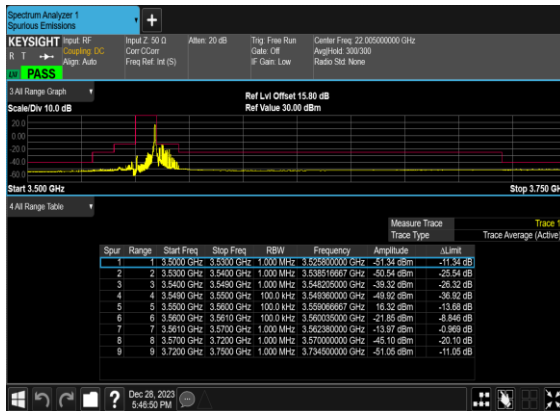
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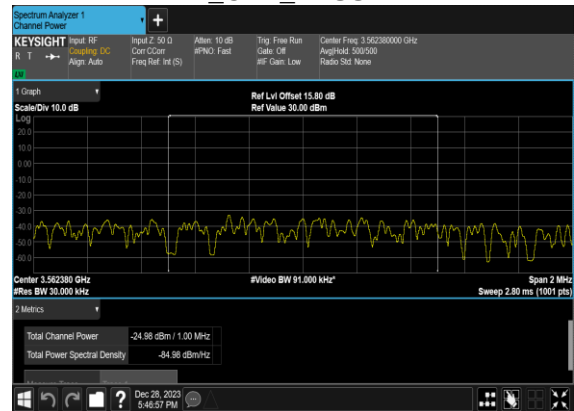
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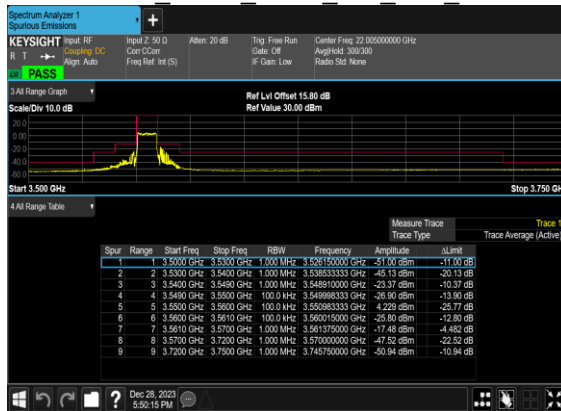
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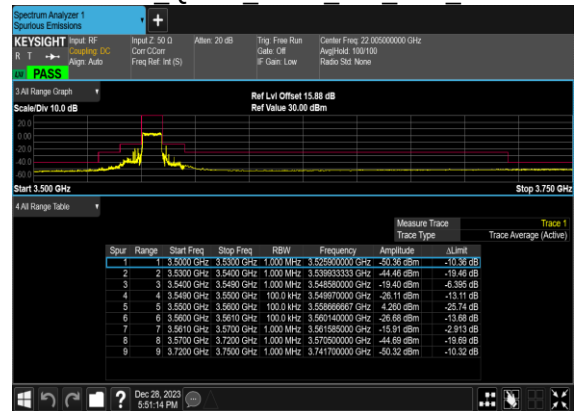
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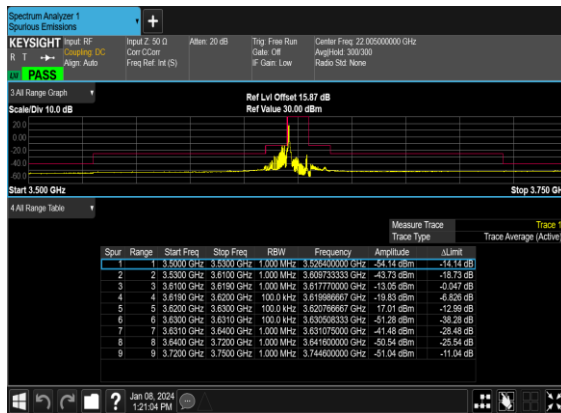
N48(10M)_DFT-s-
OFDM BPSK Outer Full Low CH



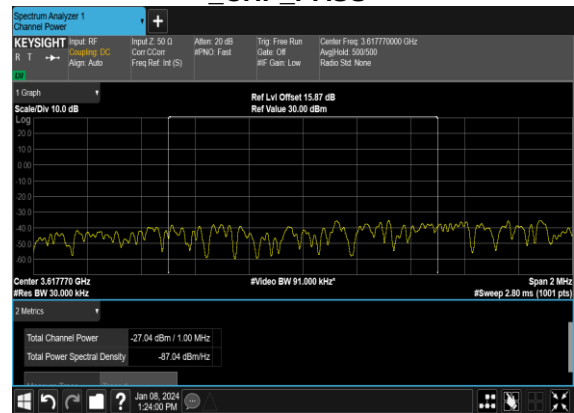
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OFDM QPSK Outer Full Low CH



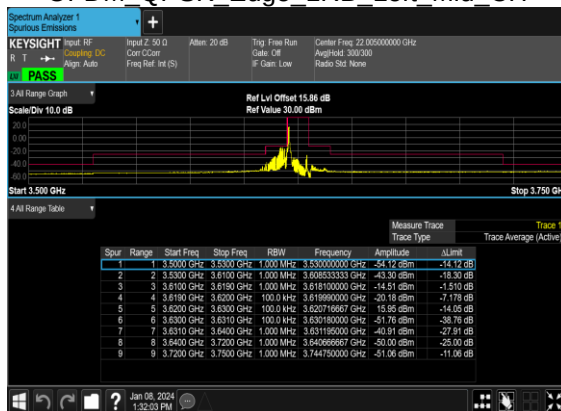
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



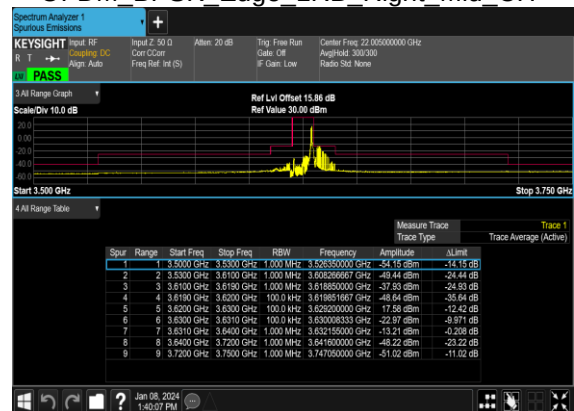
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OFDM_BPSK_Edge_1RB_Left_Mid_CH
CHP PASS



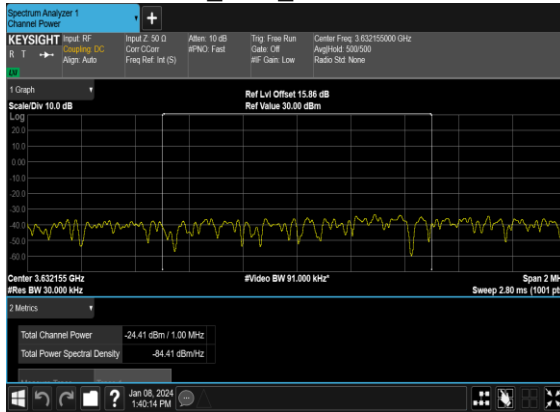
N48(10M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



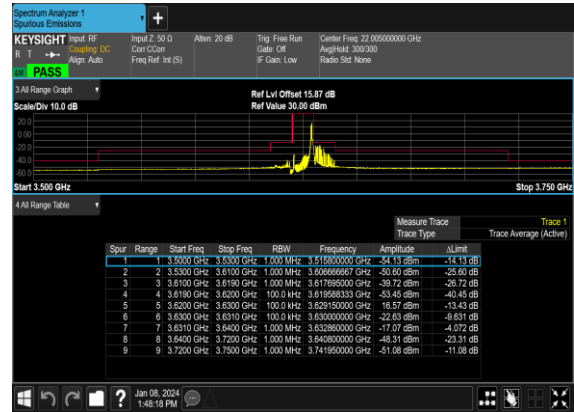
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OFDM BPSK Edge 1RB Right Mid CH



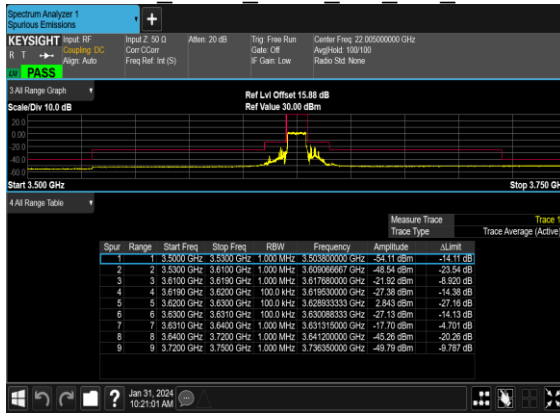
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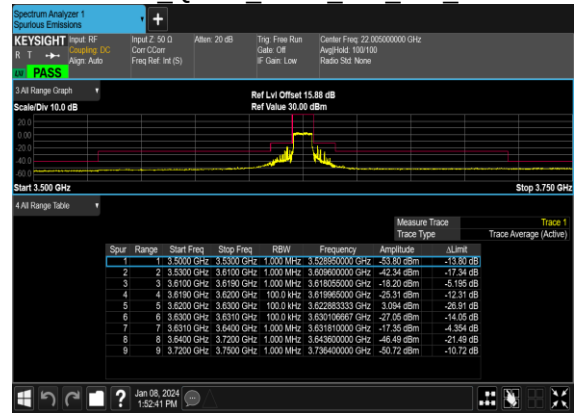
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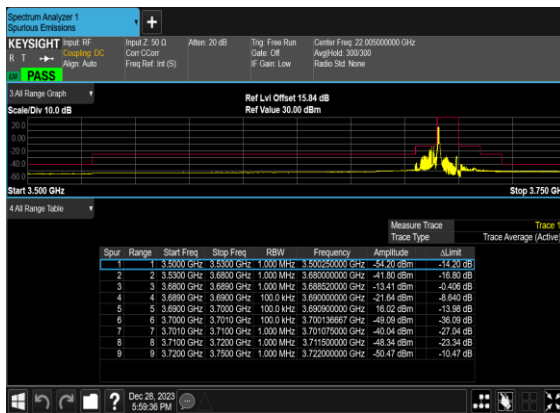
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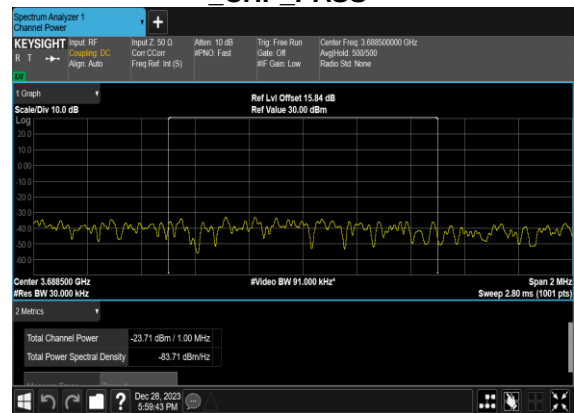
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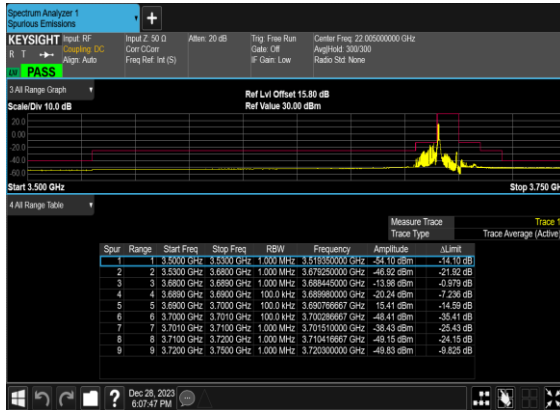
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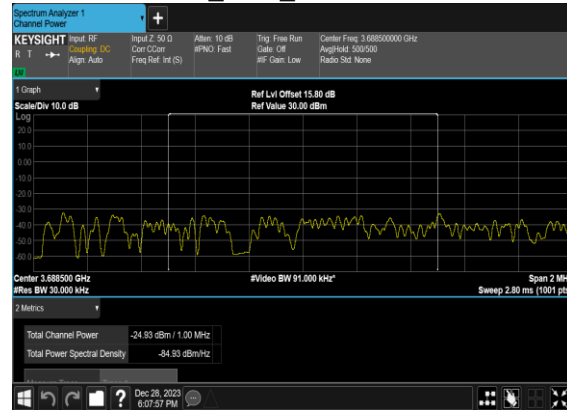
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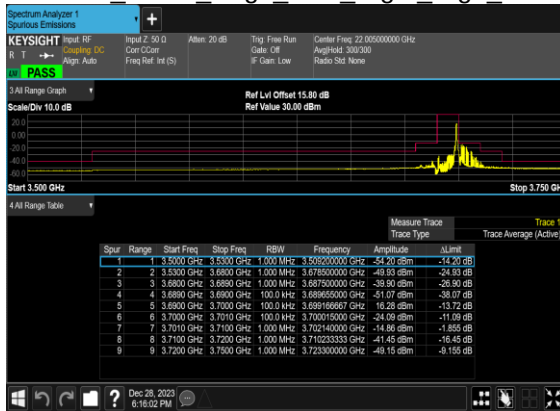
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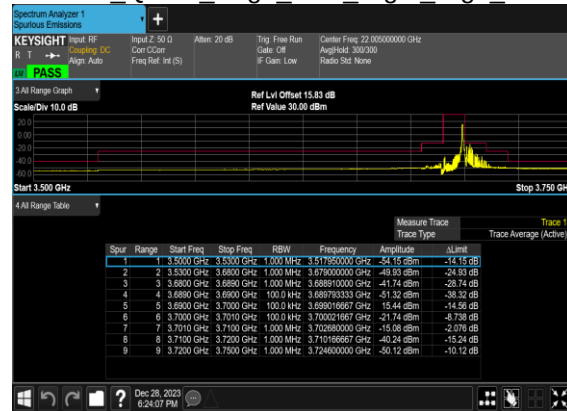
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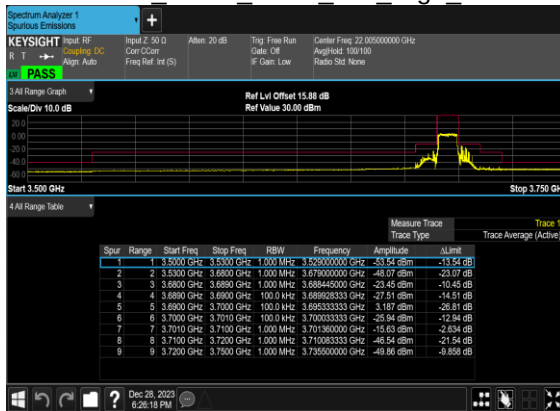
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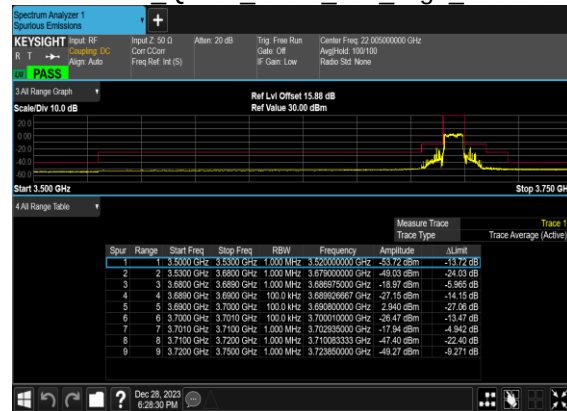
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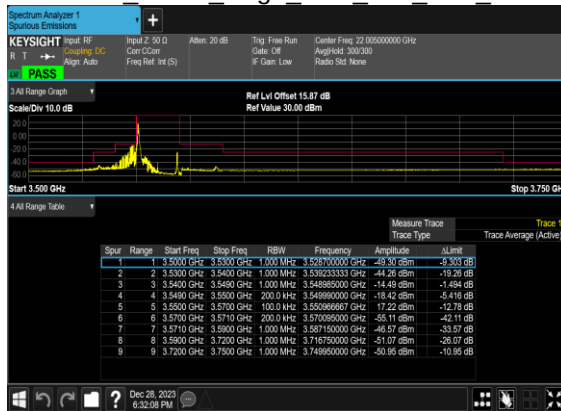
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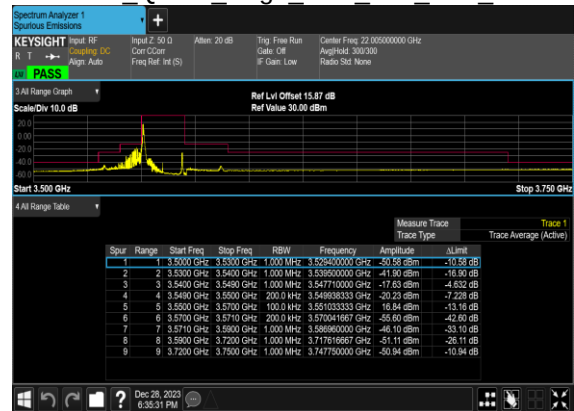
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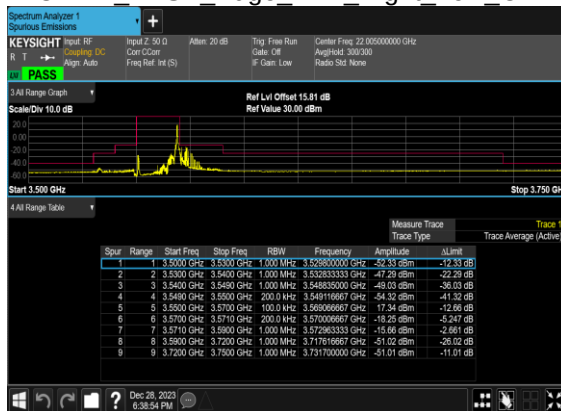
N48(20M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



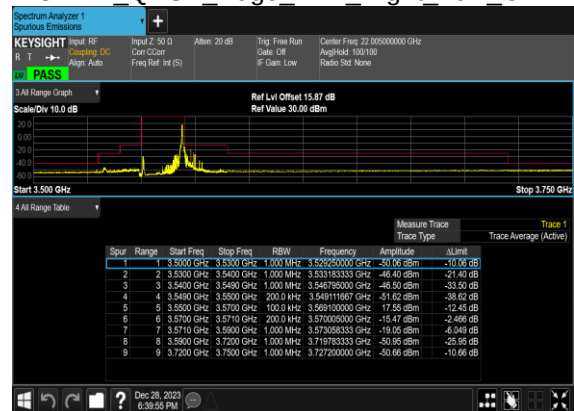
N48(20M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



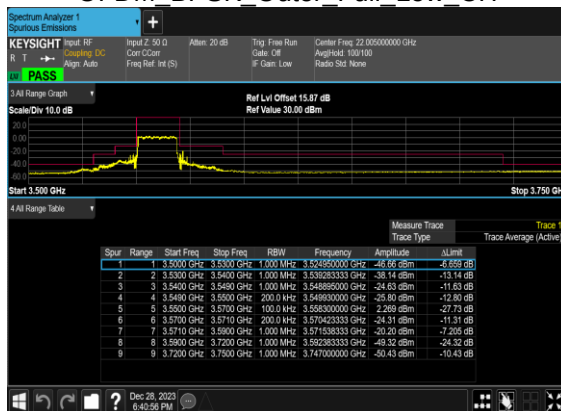
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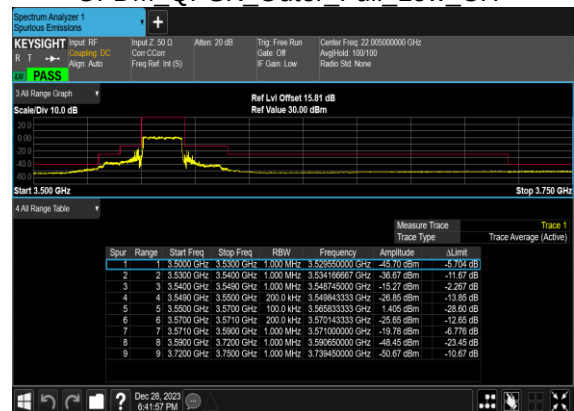
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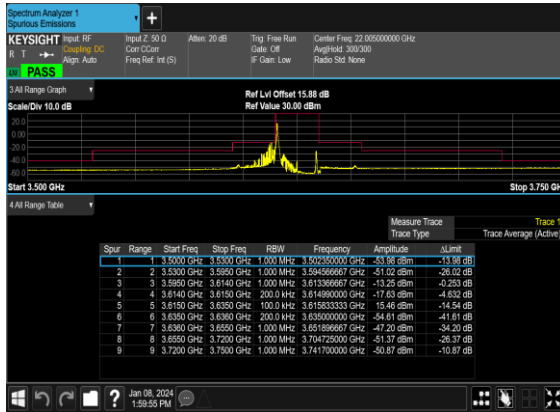
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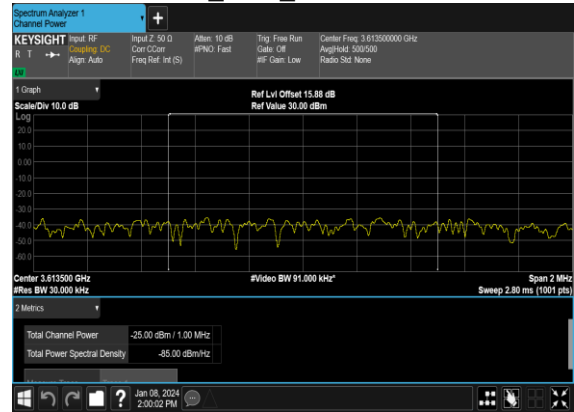
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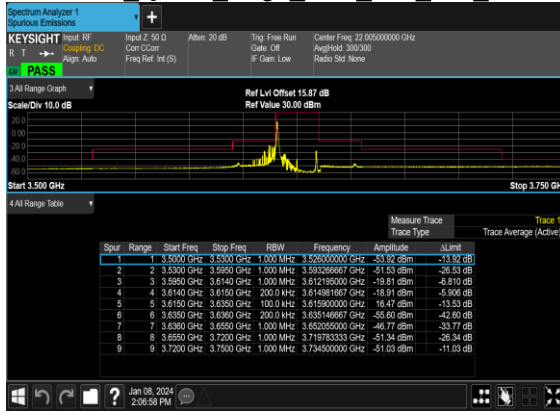
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



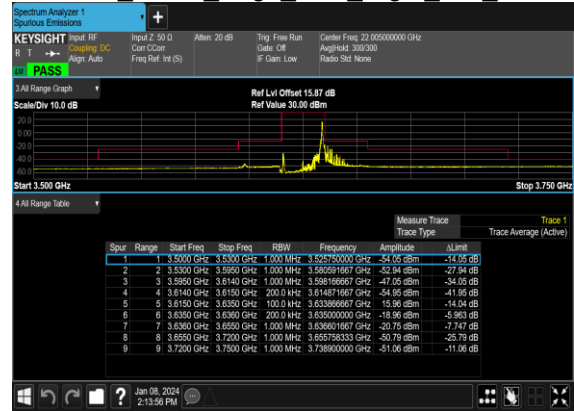
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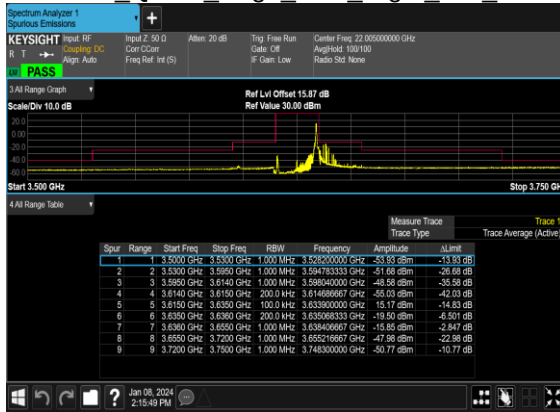
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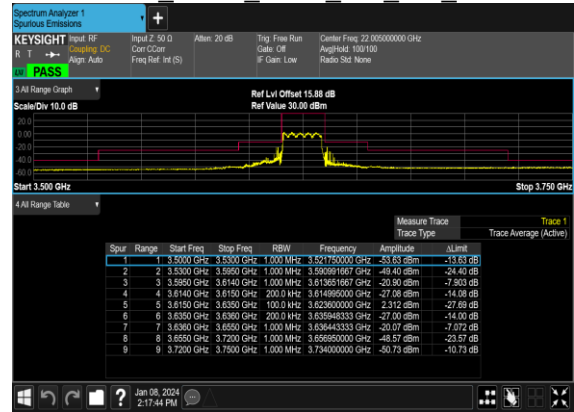
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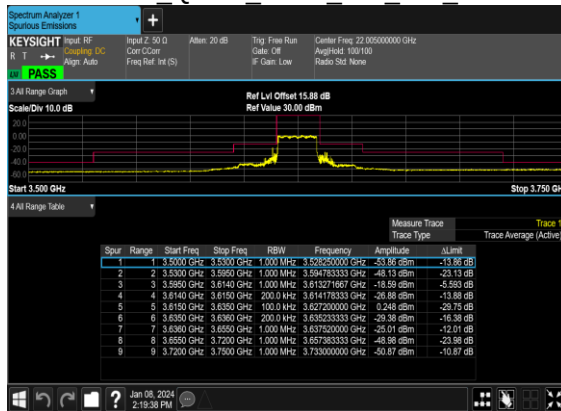
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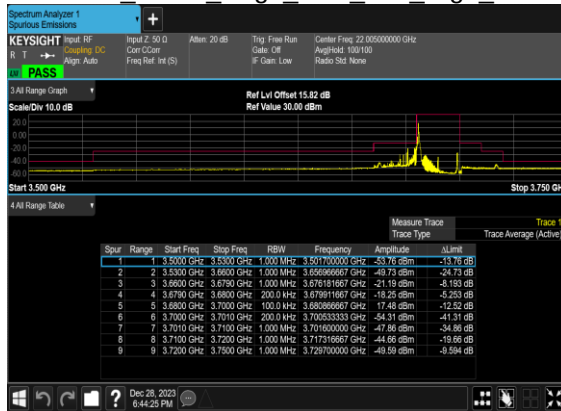
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



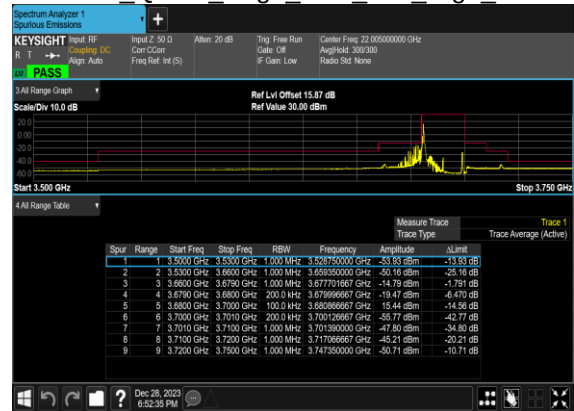
N48(20M)_DFT-s-OFDM QPSK Outer Full Mid CH



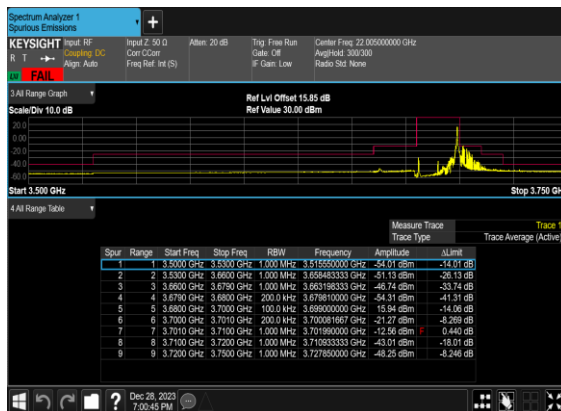
N48(20M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



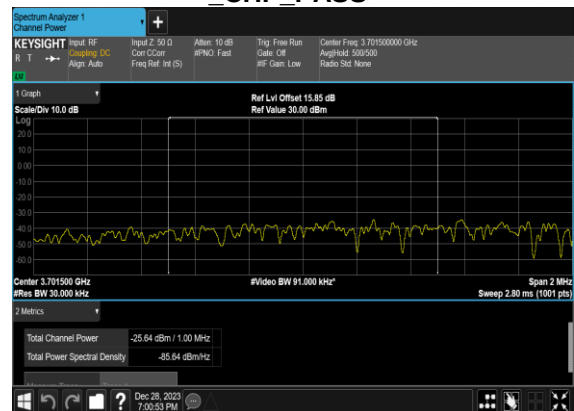
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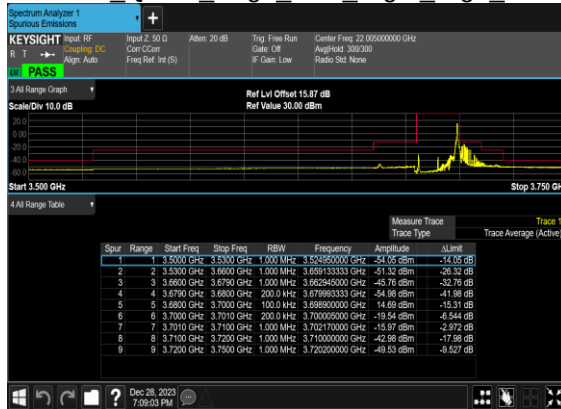
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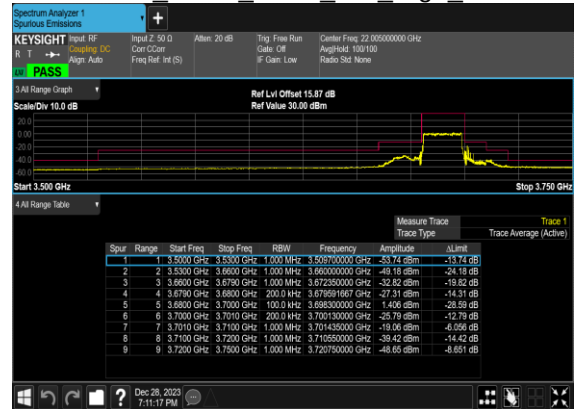
N48(20M)_DFT-s-OFDM BPSK_Edge_1RB_Right_High_CH_CHP_PASS



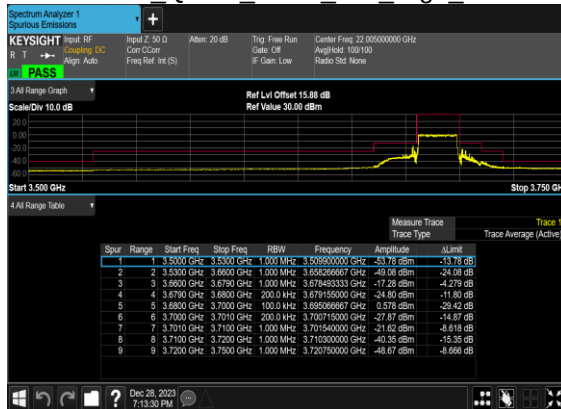
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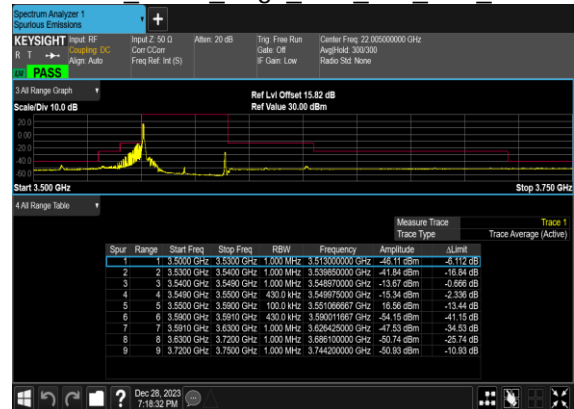
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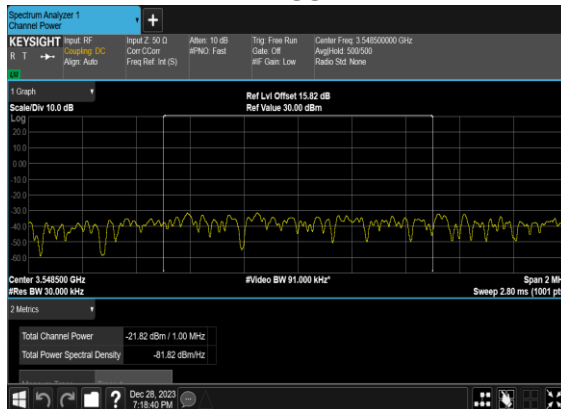
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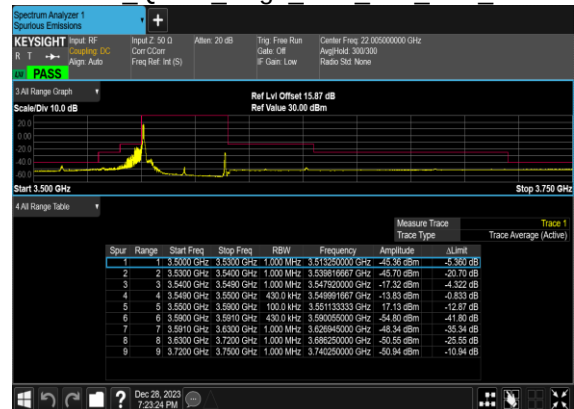
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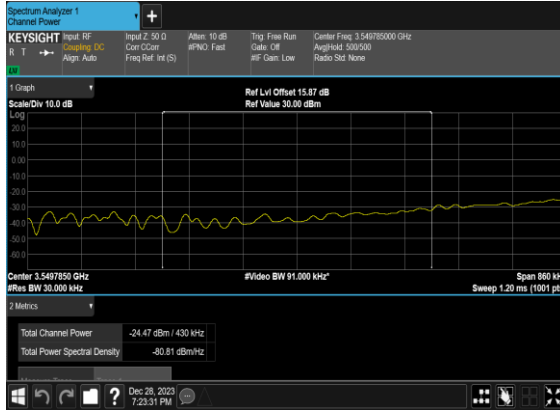
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



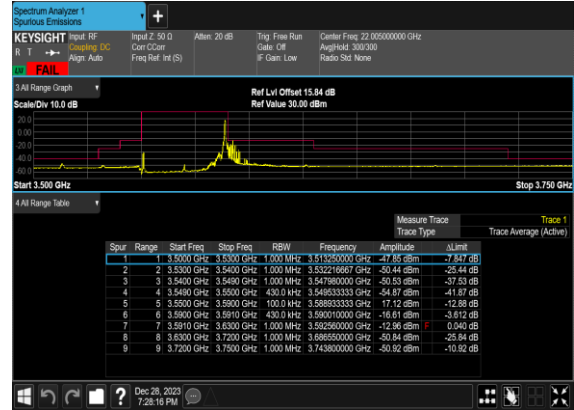
N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



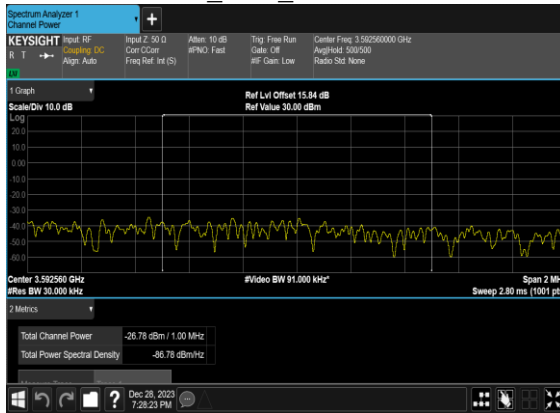
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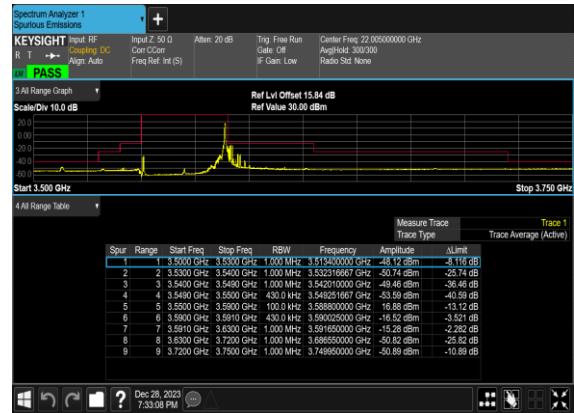
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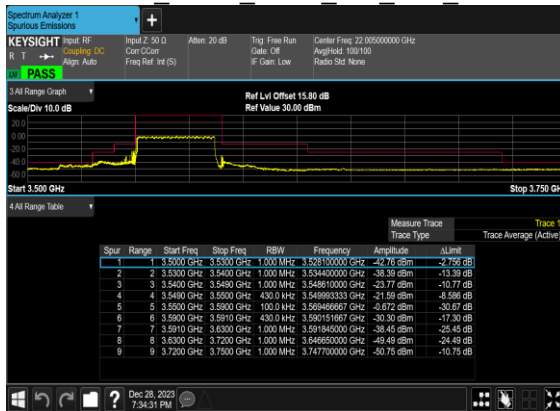
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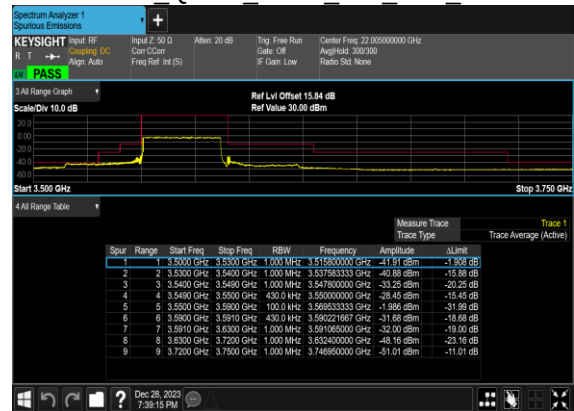
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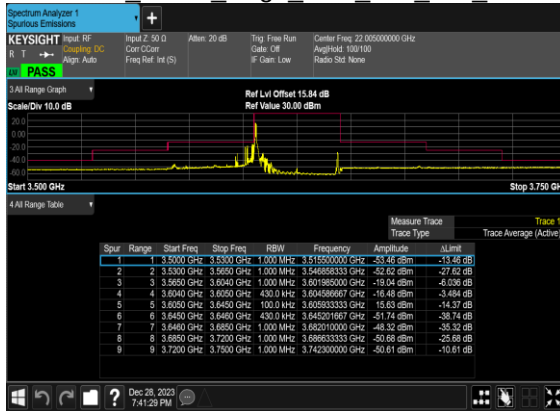
N48(40M)_DFT-s- OFDM BPSK Outer Full Low CH



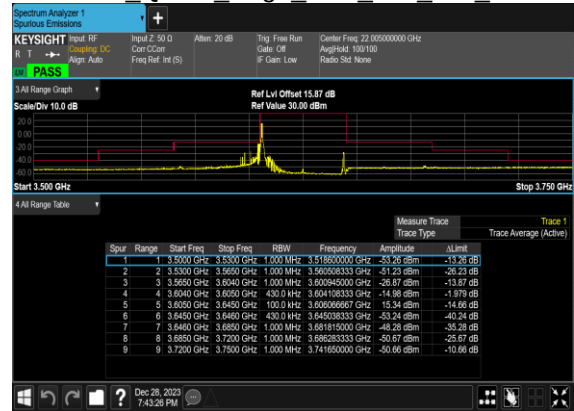
N48(40M)_DFT-s- OFDM QPSK Outer Full Low CH



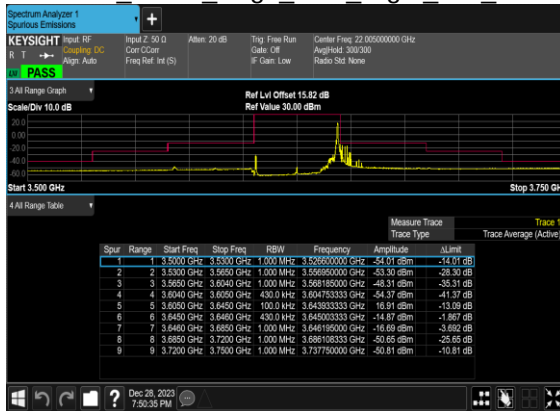
N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



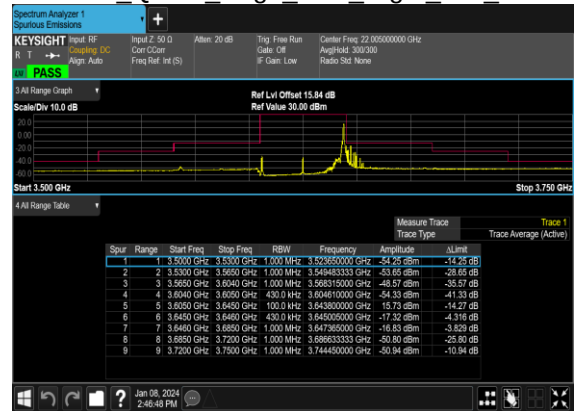
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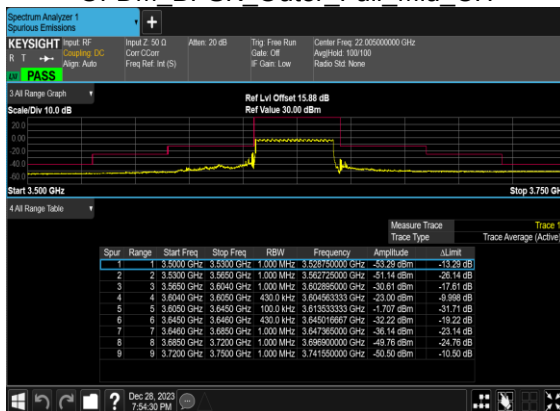
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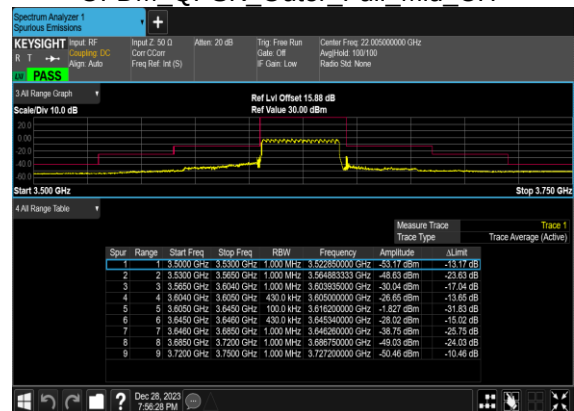
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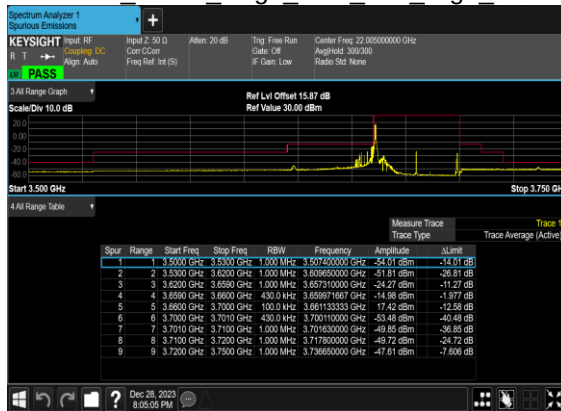
N48(40M)_DFT-s-OFDM BPSK Outer Full Mid CH



N48(40M)_DFT-s-OFDM QPSK Outer Full Mid CH



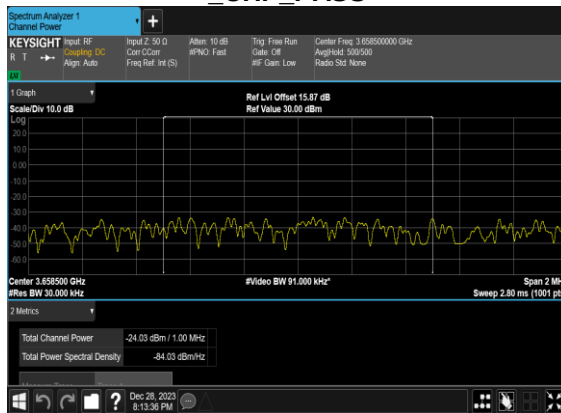
N48(40M)_DFT-s-OFDM BPSK Edge 1RB Left High CH



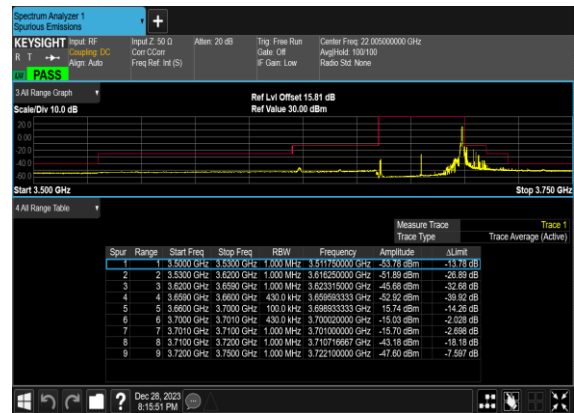
N48(40M)_DFT-s-OFDM QPSK Edge 1RB Left High CH



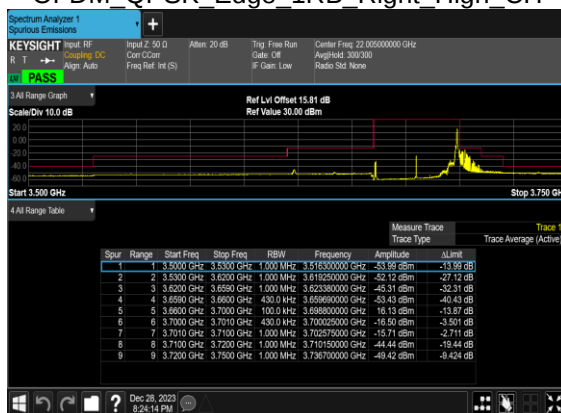
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH CHP PASS



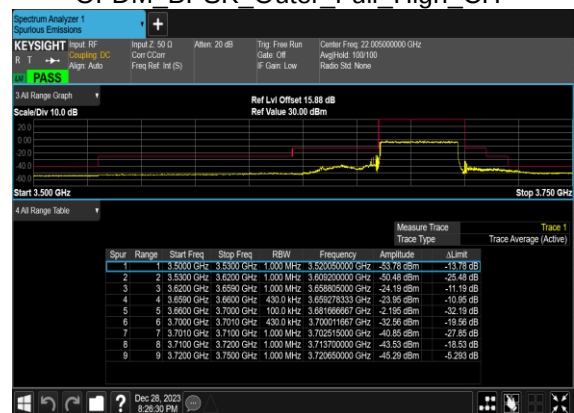
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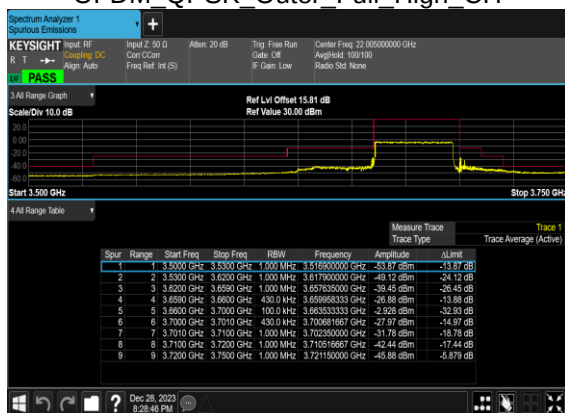
N48(40M)_DFT-s-OFDM QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s-OFDM BPSK_Outer_Full_High_CH



N48(40M)_DFT-s- OFDM QPSK Outer Full High CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	23~25°C
		Relative Humidity :	41~42%

5G NR n48 / 40MHz / QPSK / Ant.8								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7209	-45.08	-40	-5.08	-56.54	2.84	14.30	H
	10817	-51.41	-40	-11.41	-61.35	3.49	13.43	H
	14425	-58.37	-40	-18.37	-68.61	3.85	14.09	H
	7209	-46.14	-40	-6.14	-57.60	2.84	14.30	V
	10817	-50.50	-40	-10.50	-60.44	3.49	13.43	V
	14425	-58.98	-40	-18.98	-69.22	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.