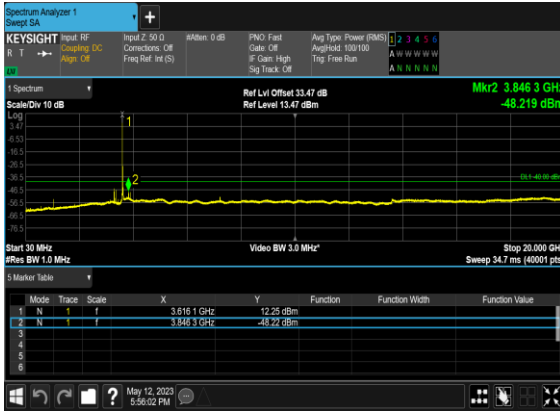
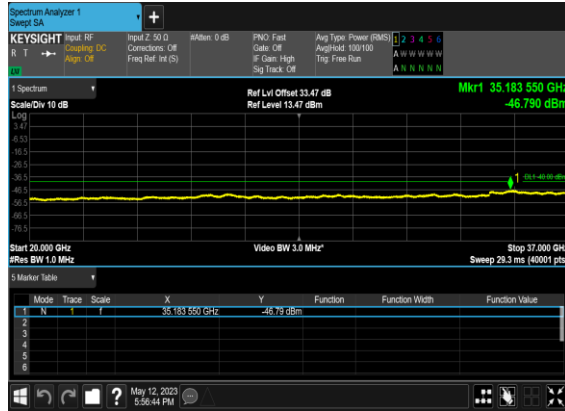


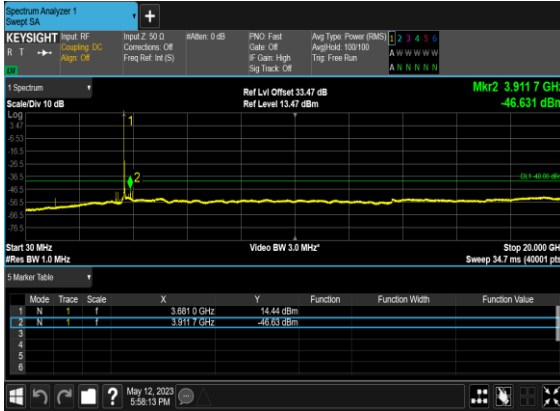
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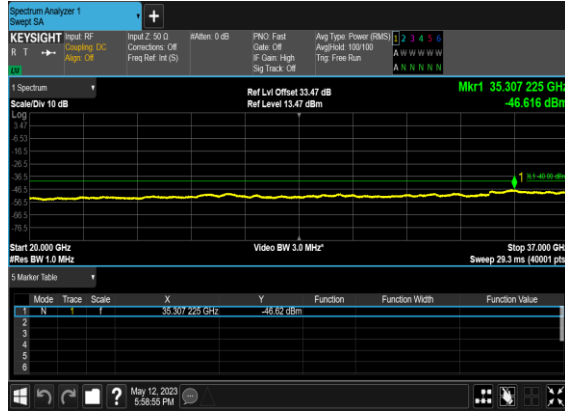
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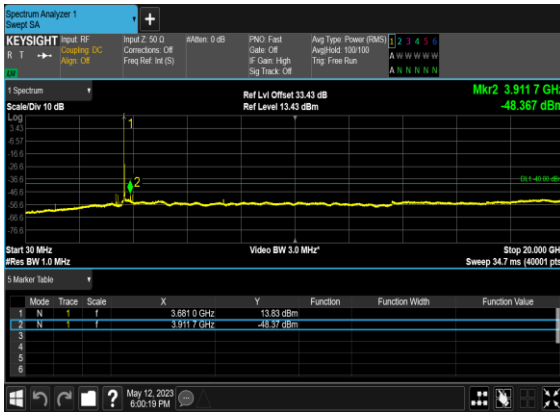
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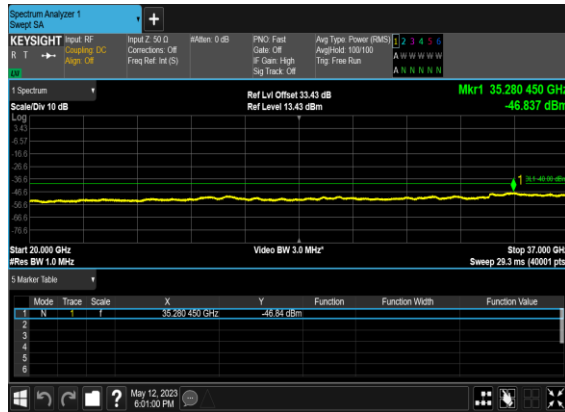
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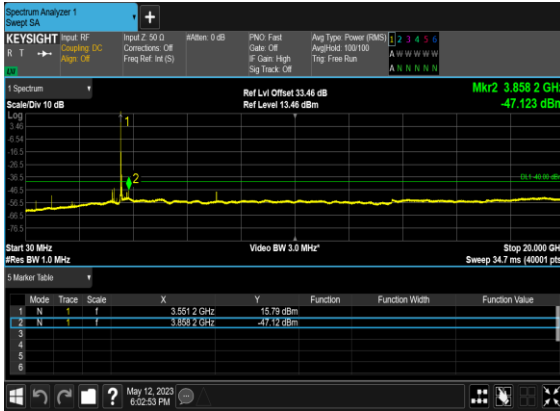
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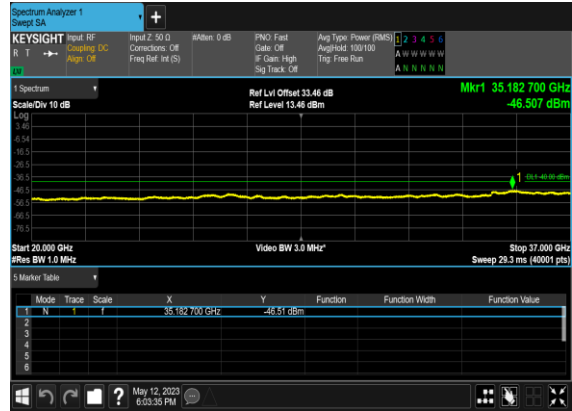
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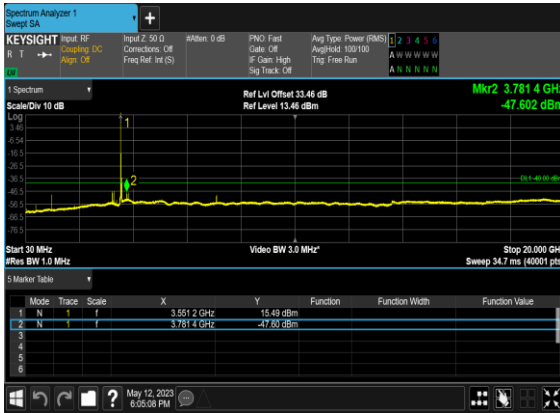
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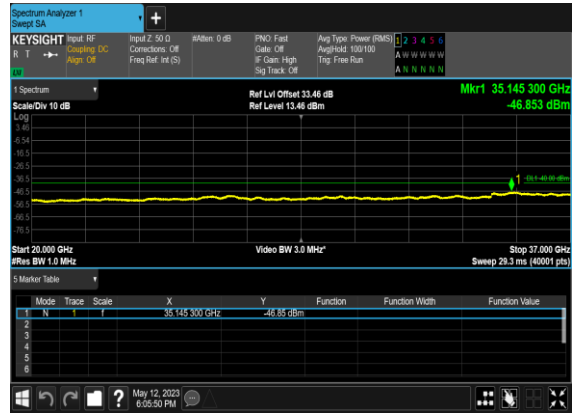
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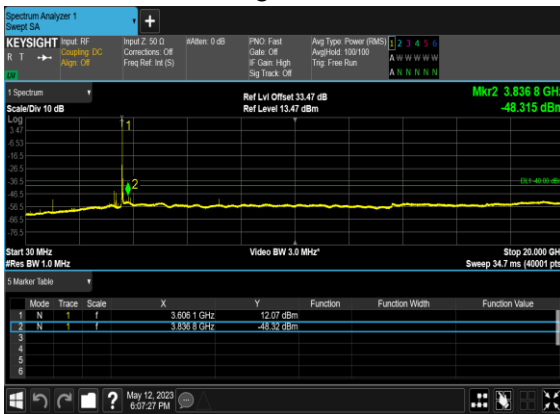
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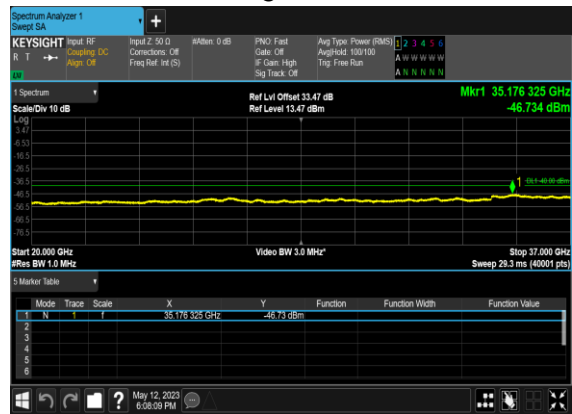
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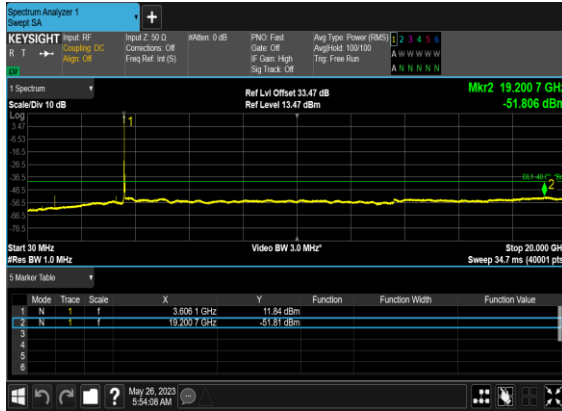
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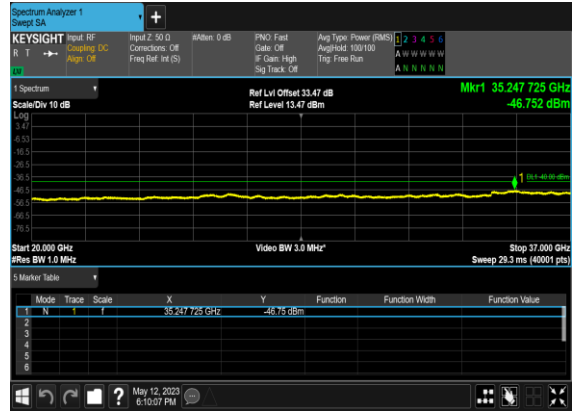
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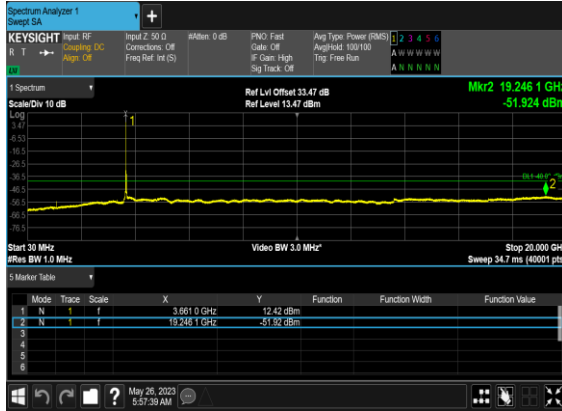
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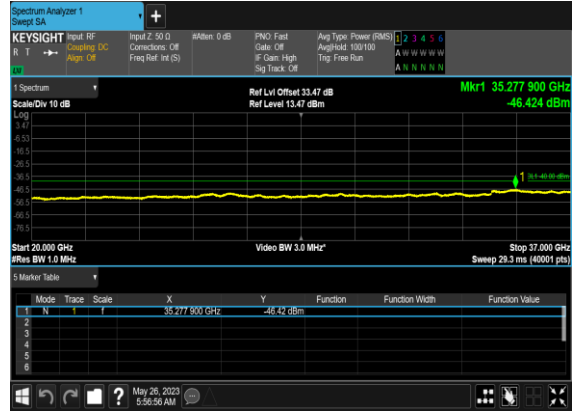
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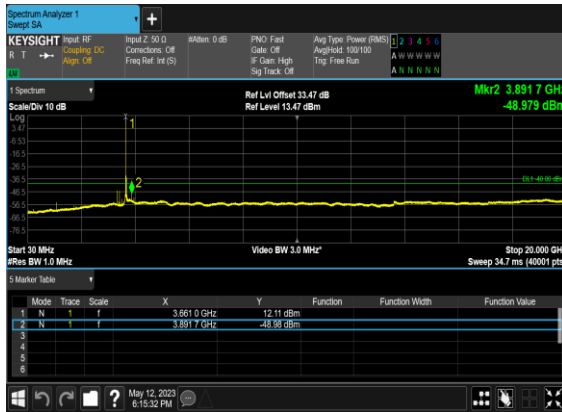
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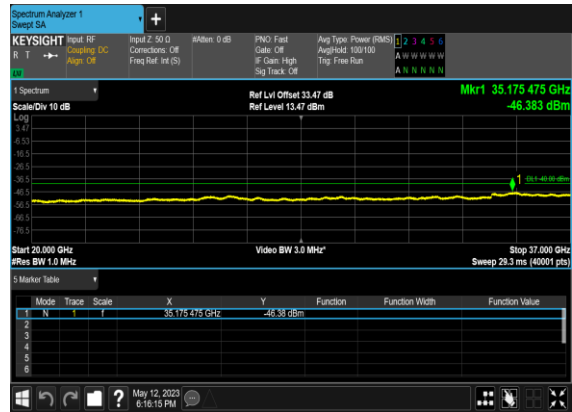
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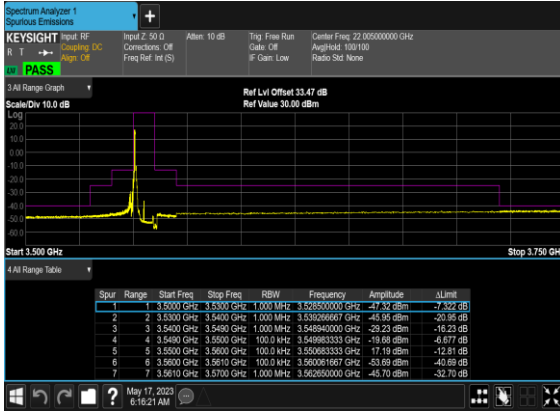


Conducted Band Edge

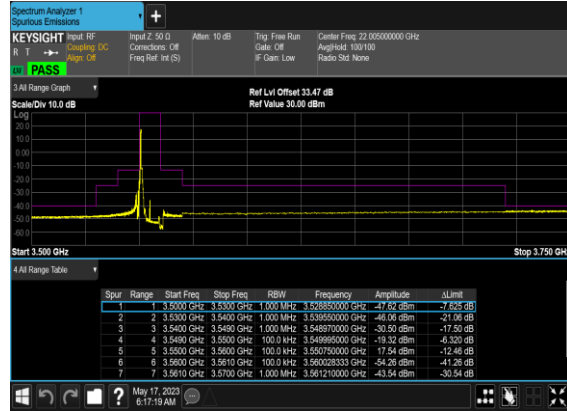
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	see 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

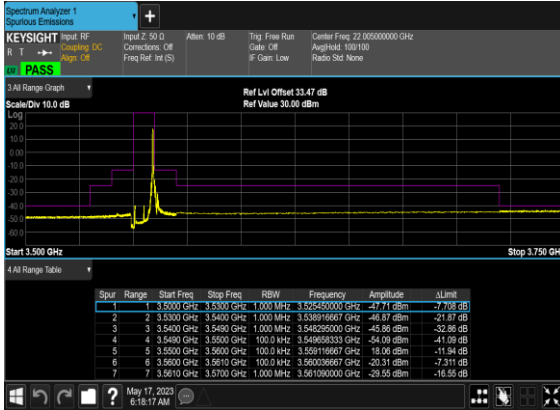
N48(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



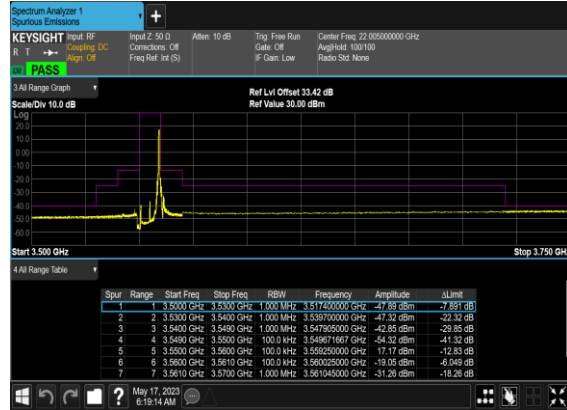
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OFDM_QPSK_Edge_1RB_Left_Low_CH



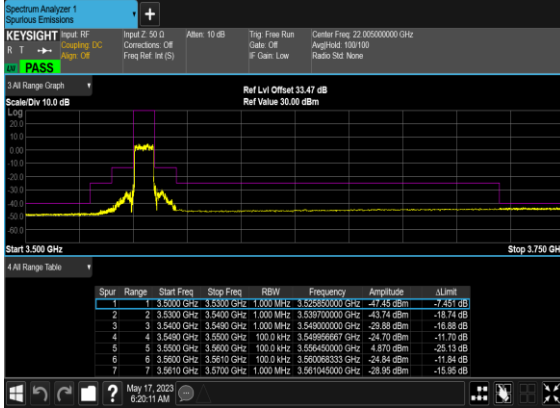
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OFDM_BPSK_Edge_1RB_Right_Low_CH



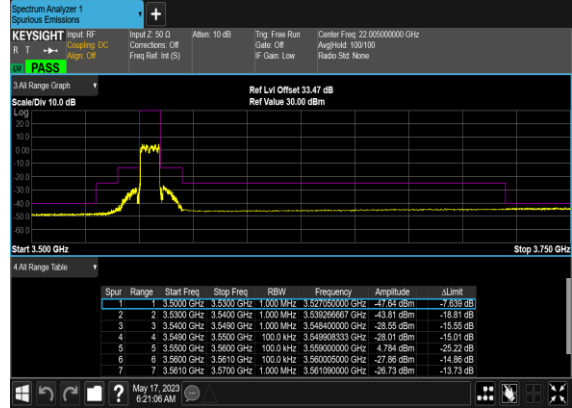
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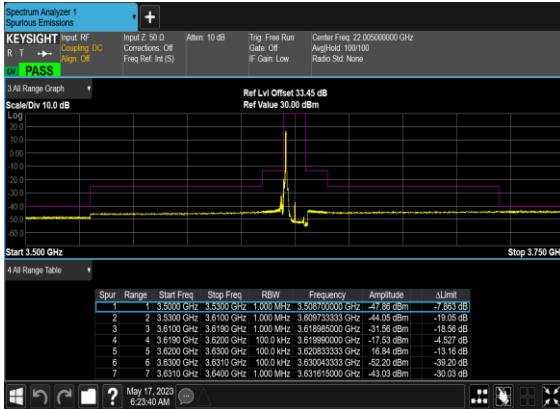
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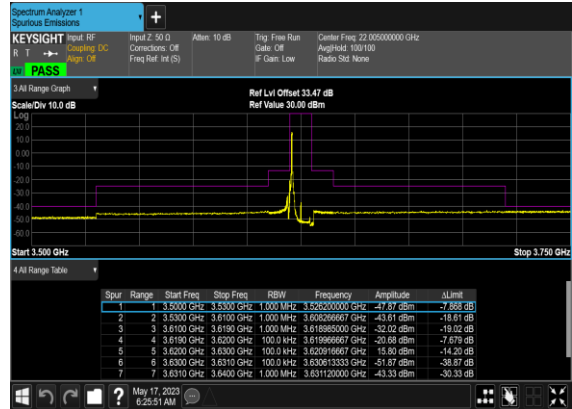
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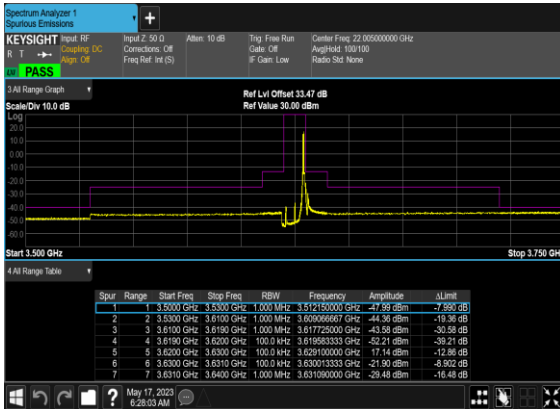
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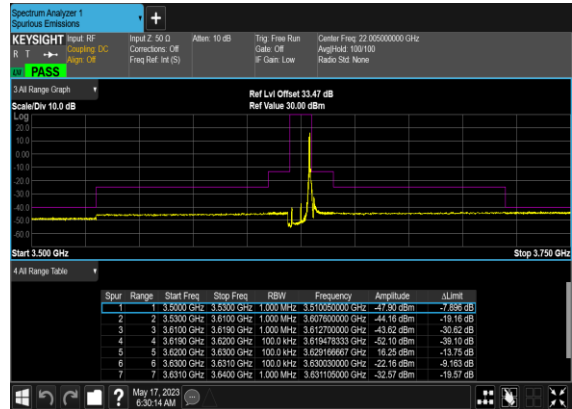
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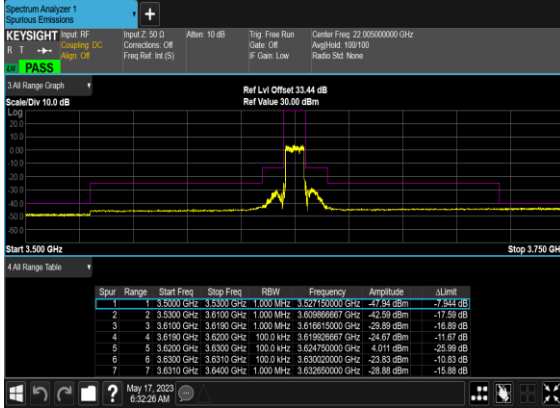
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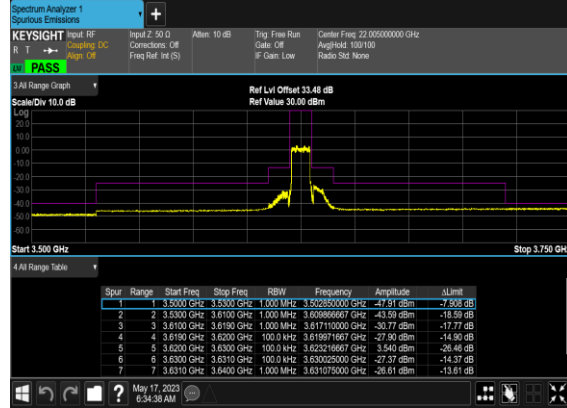
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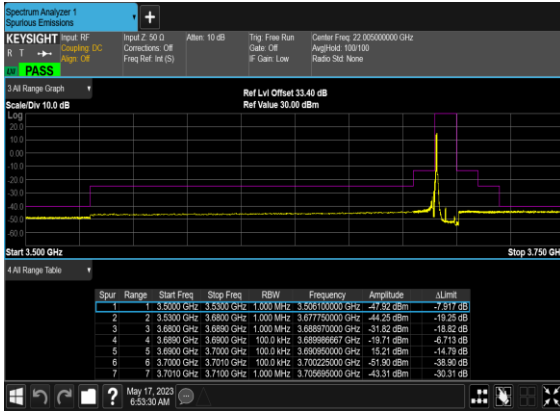
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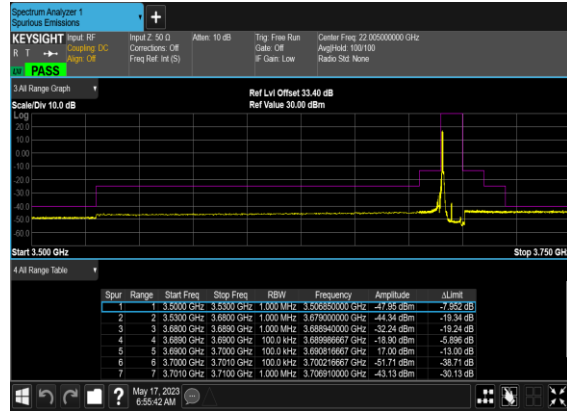
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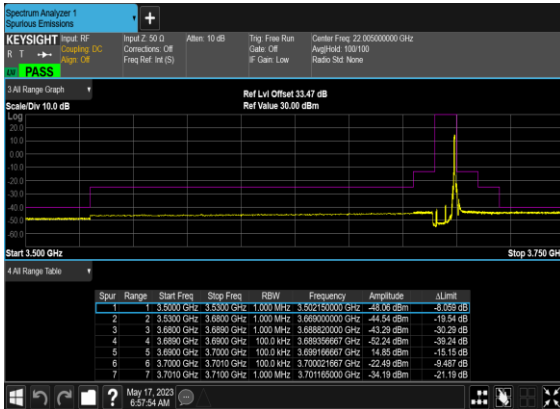
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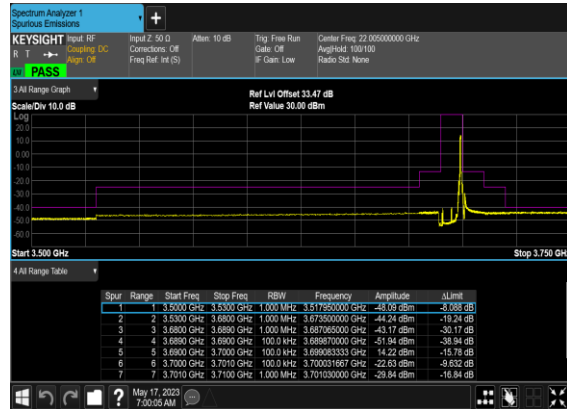
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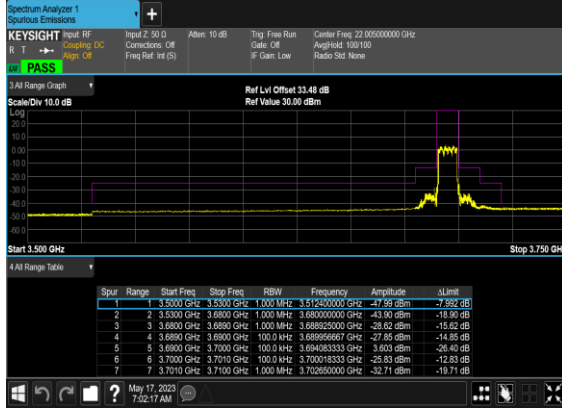
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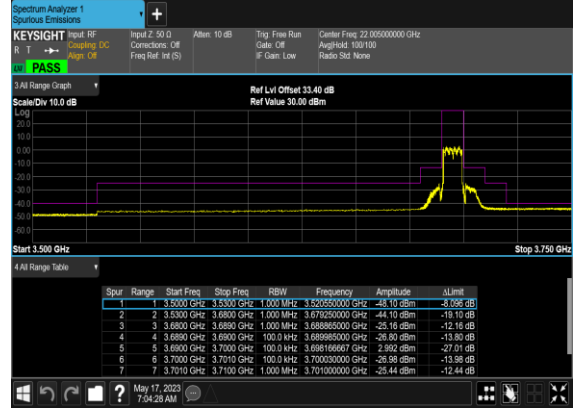
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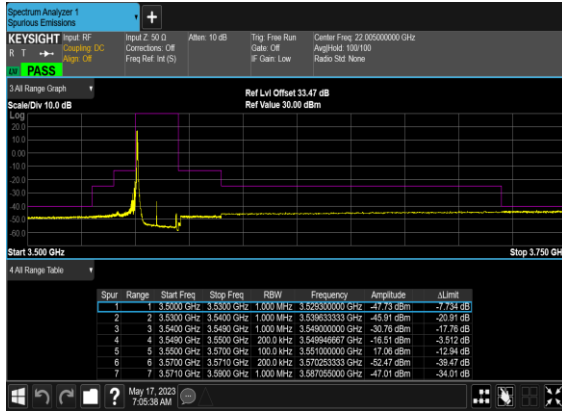
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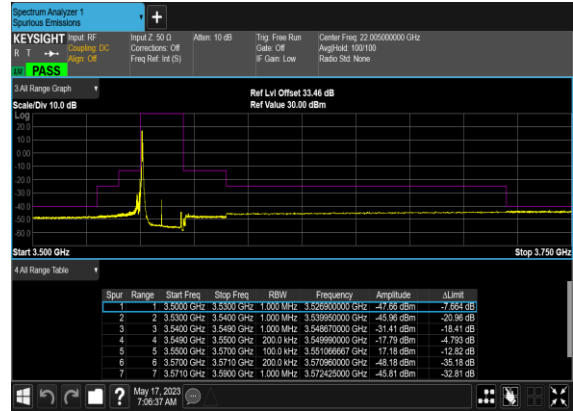
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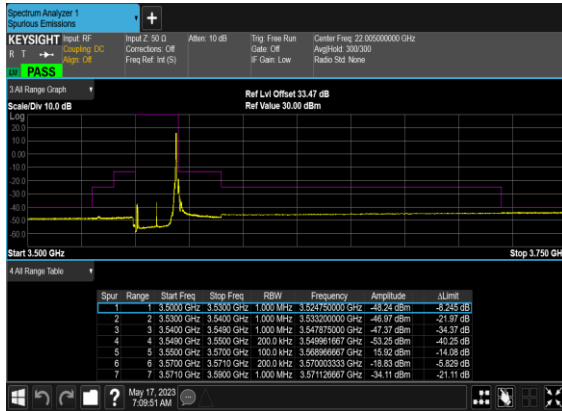
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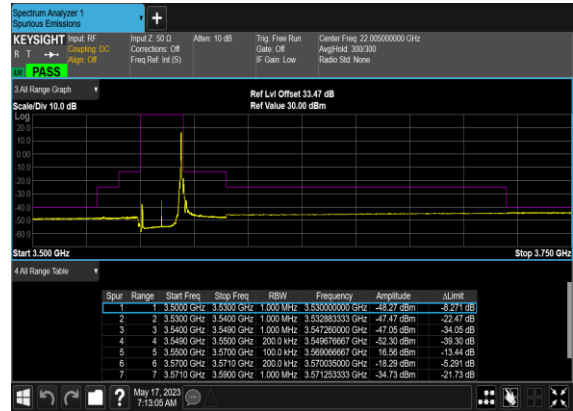
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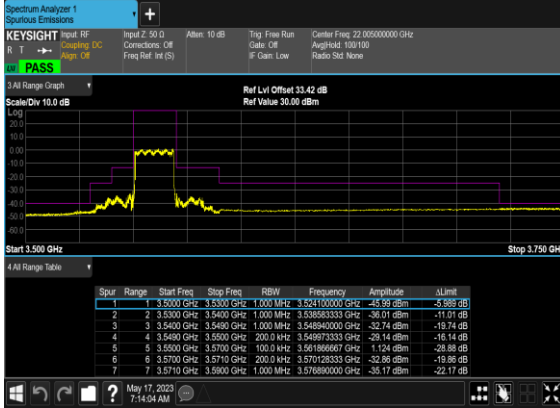
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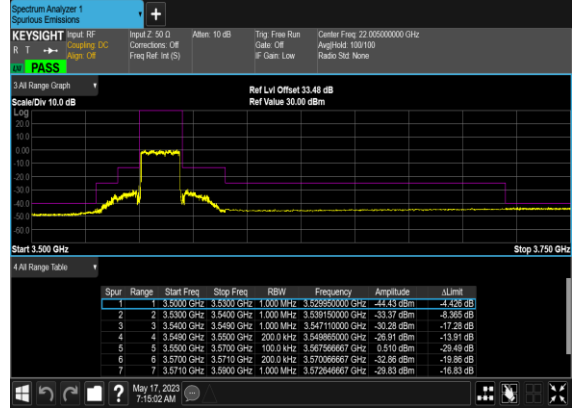
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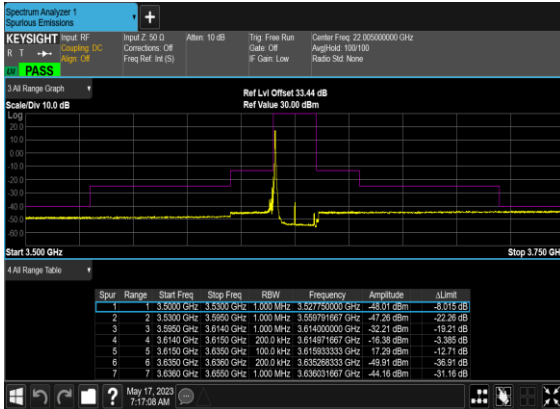
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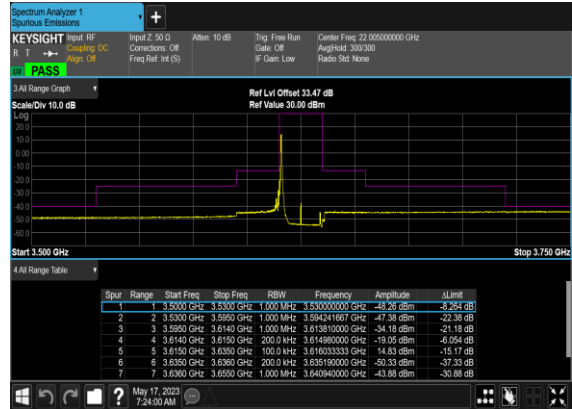
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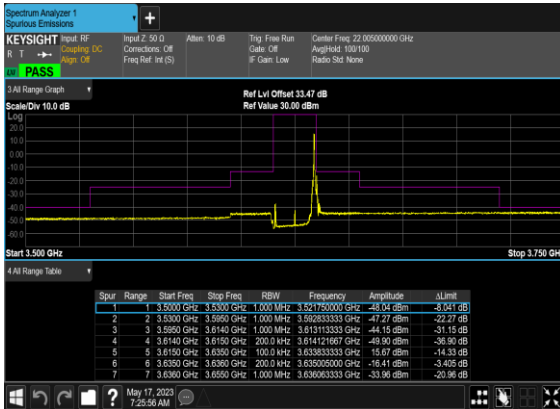
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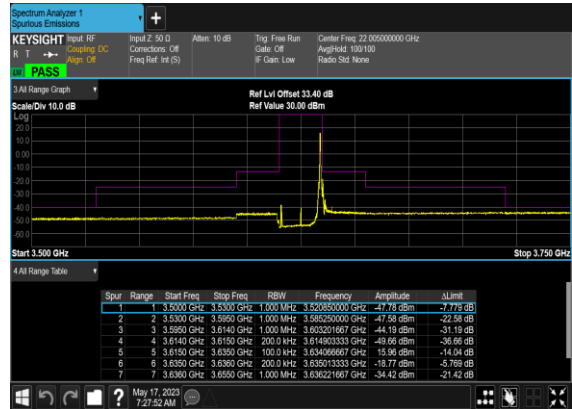
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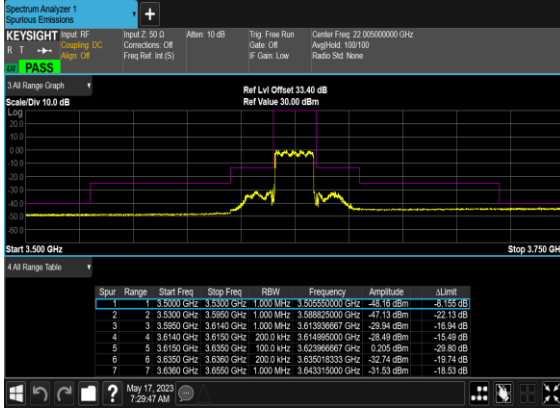
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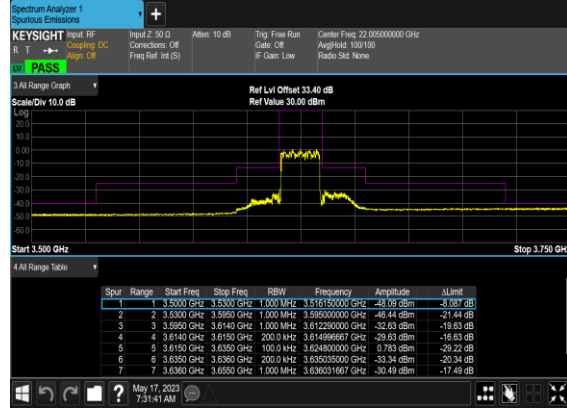
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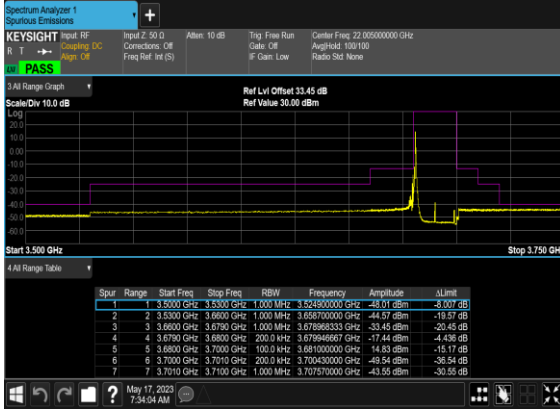
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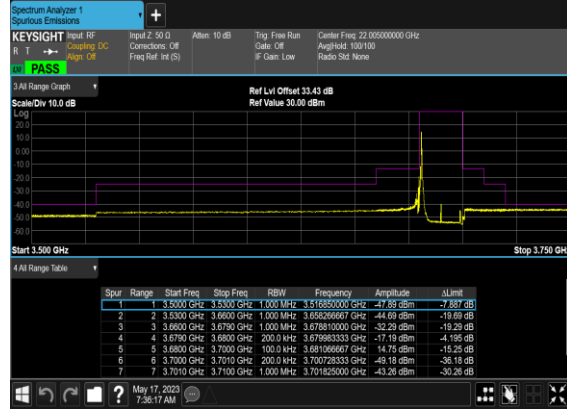
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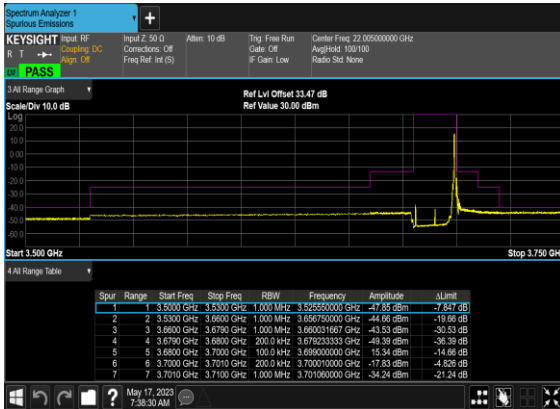
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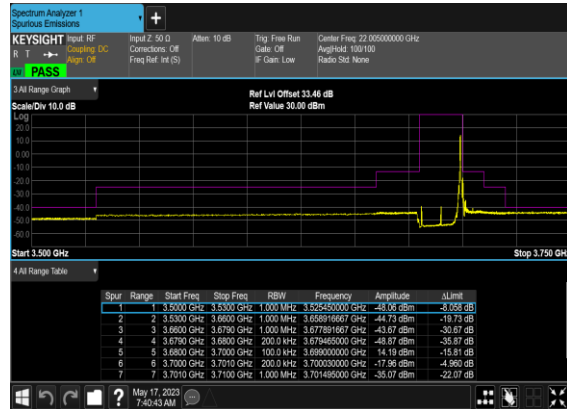
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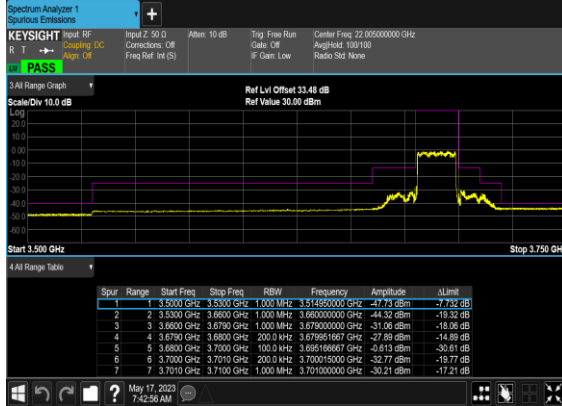
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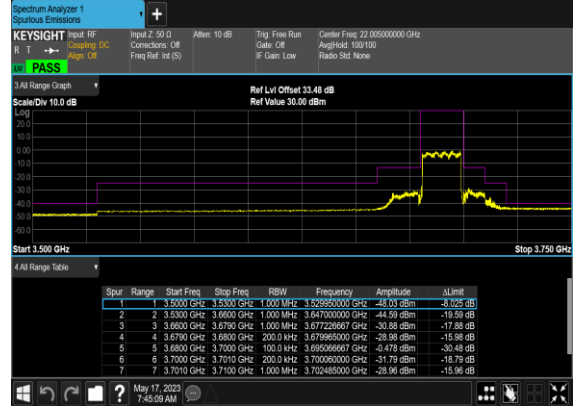
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



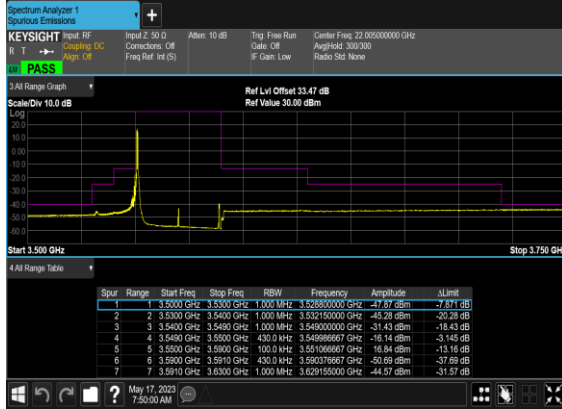
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



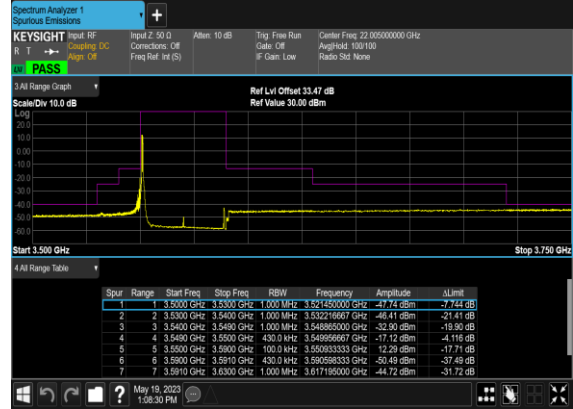
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



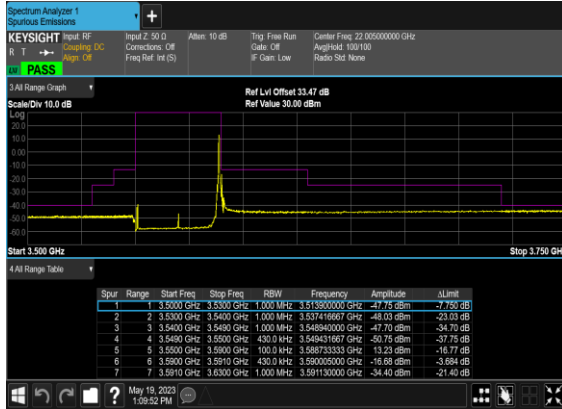
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



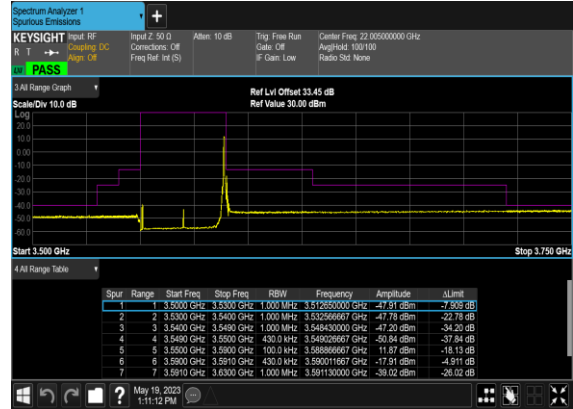
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



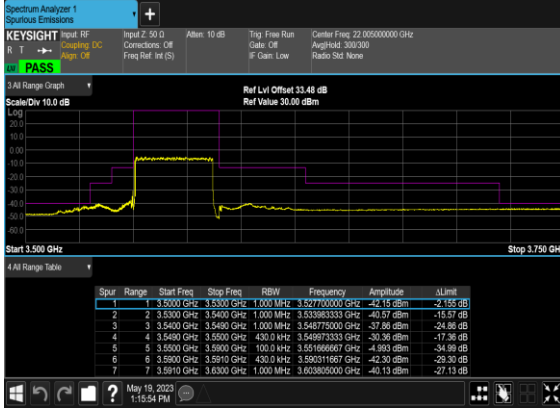
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



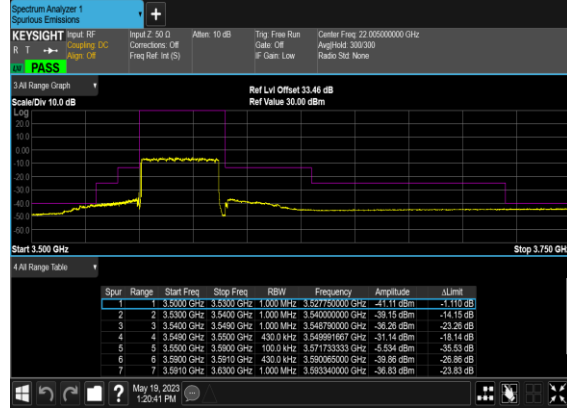
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



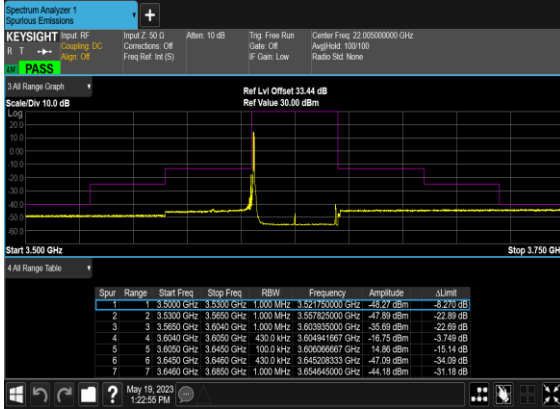
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



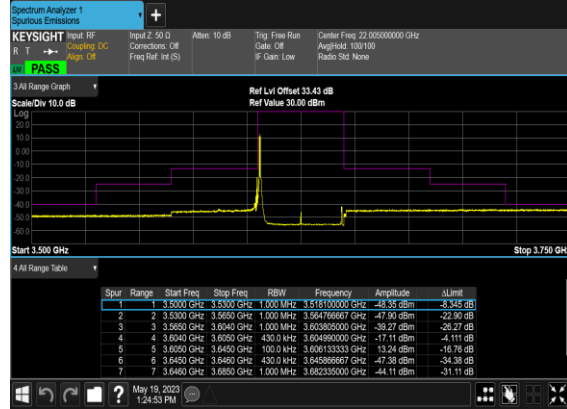
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



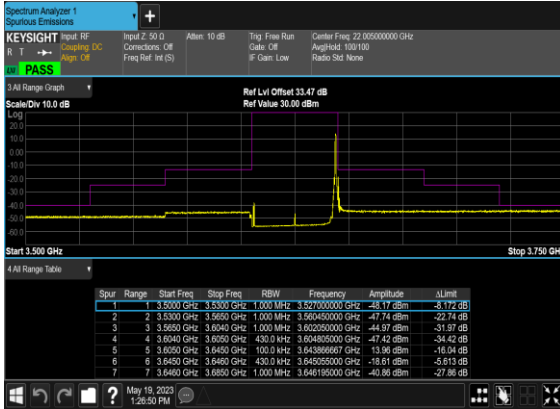
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



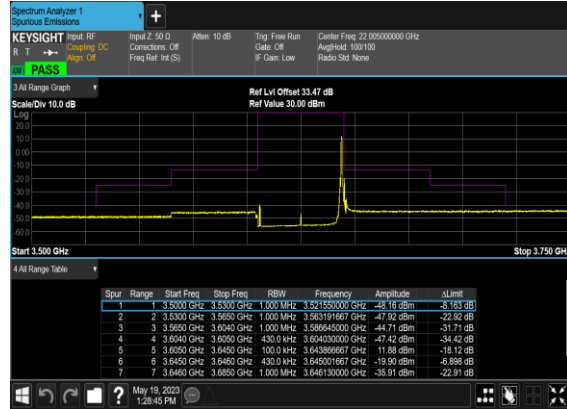
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



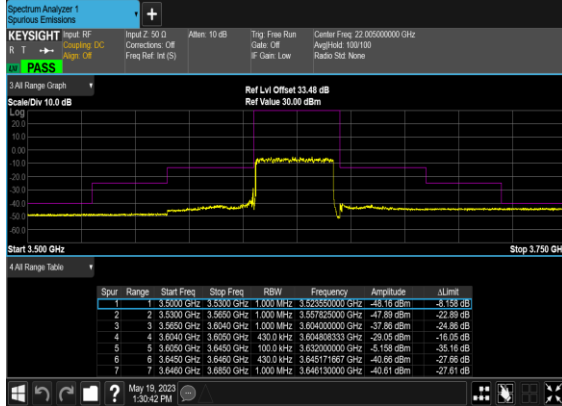
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



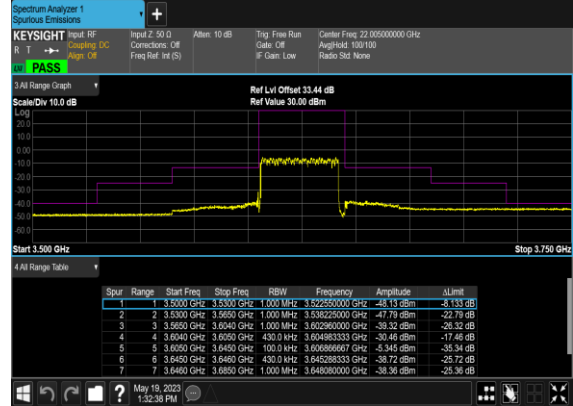
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



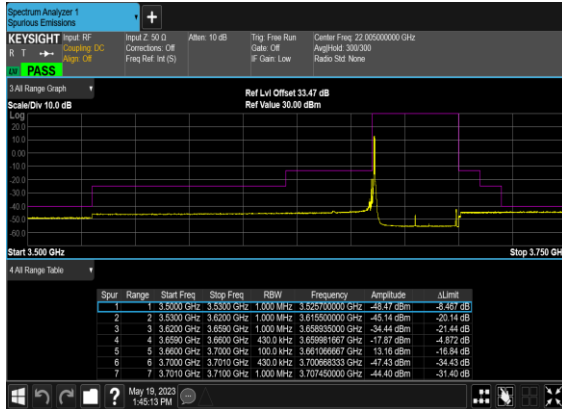
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



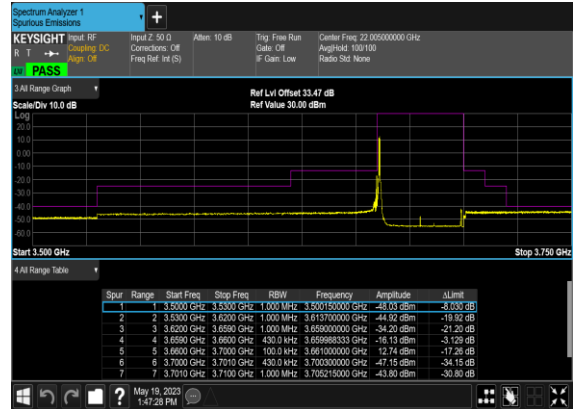
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



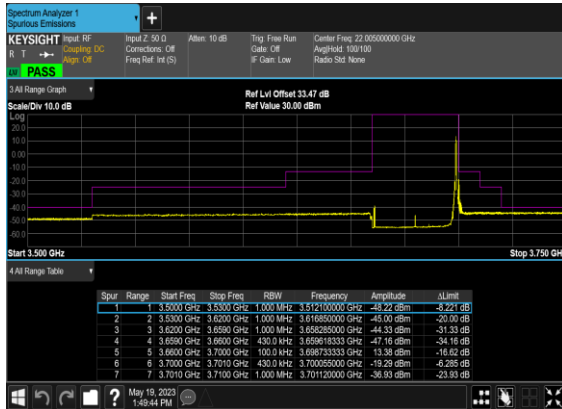
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



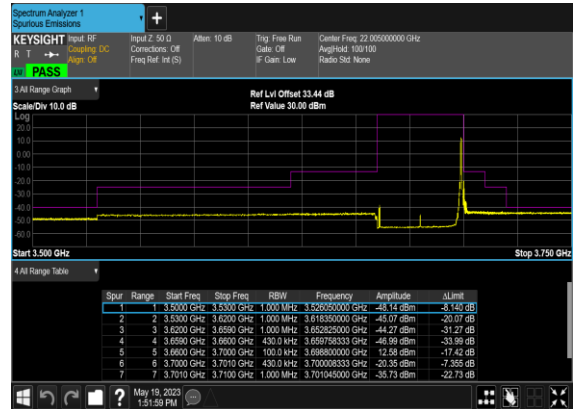
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



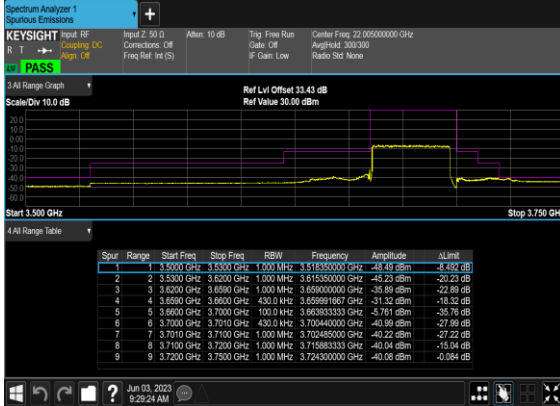
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



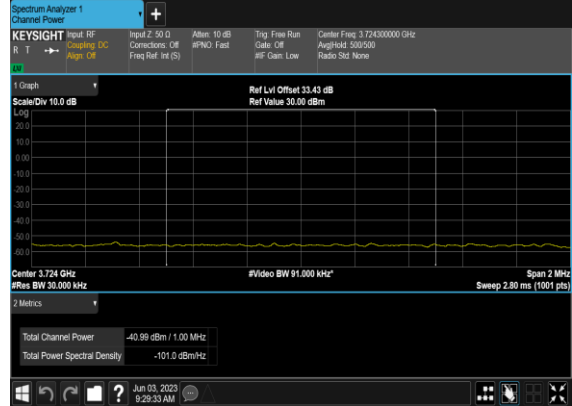
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



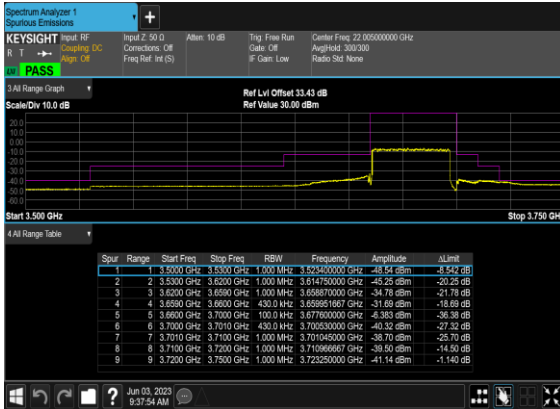
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N48 MIMO-ANT2

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0061	PASS	NV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0066	PASS	LV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0054	PASS	HV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0042	PASS	-30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0038	PASS	-20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0031	PASS	-10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0069	PASS	0°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0062	PASS	10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0061	PASS	20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0034	PASS	30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0020	PASS	40°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0035	PASS	50°C

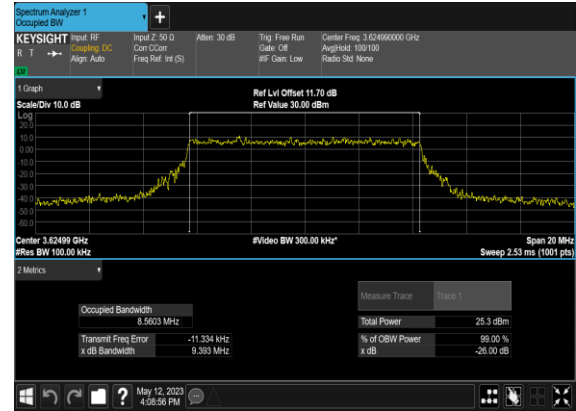
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.5906	9.672
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5603	9.393
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5799	9.696
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.5964	9.502
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.177	19.55
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.182	19.41
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.185	19.59
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.189	19.75
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	27.851	29.38
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	27.848	29.43
48	30	30	641666	3624.99	CP-OFDM 64 QAM	78@0	27.749	29.46
48	30	30	641666	3624.99	CP-OFDM 256 QAM	78@0	27.789	28.99
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.745	39.28
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.767	39.55
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.817	39.32
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.702	39.4

N48(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



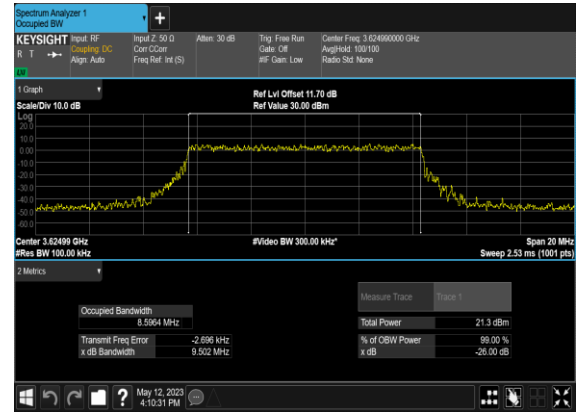
N48(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



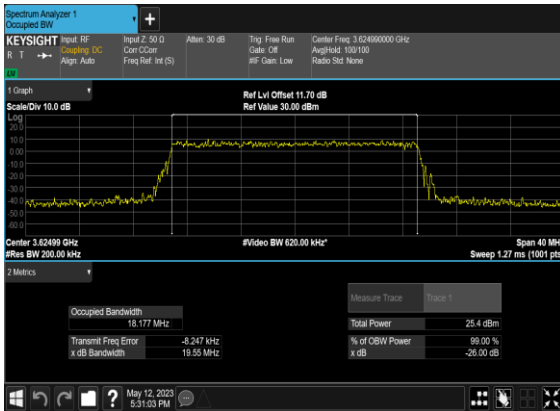
N48(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



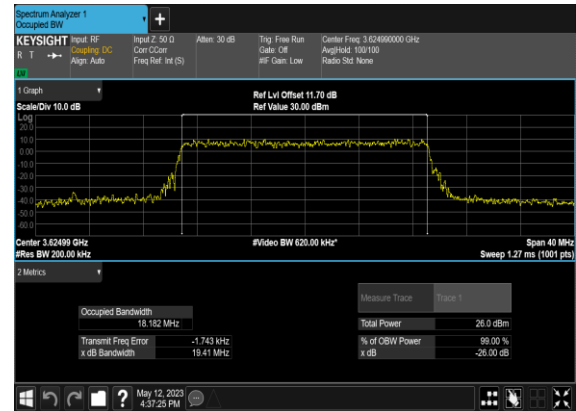
N48(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



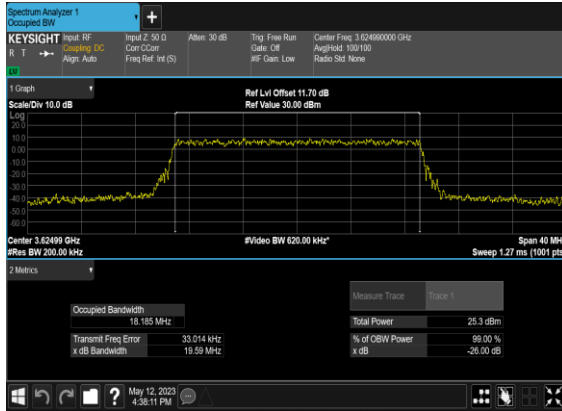
N48(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



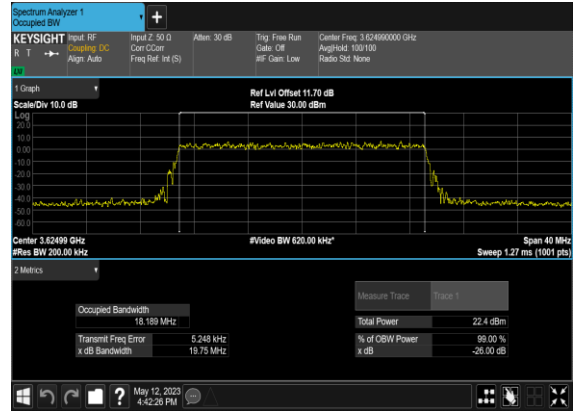
N48(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



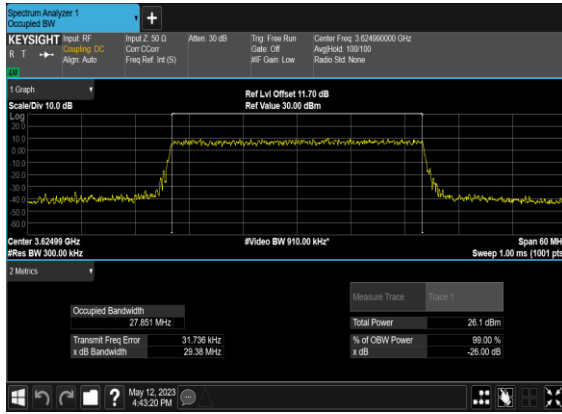
N48(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



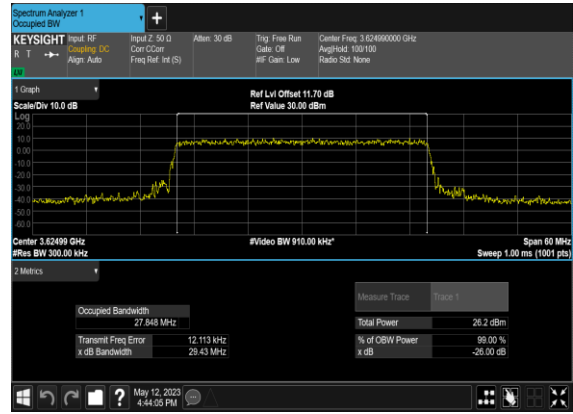
N48(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



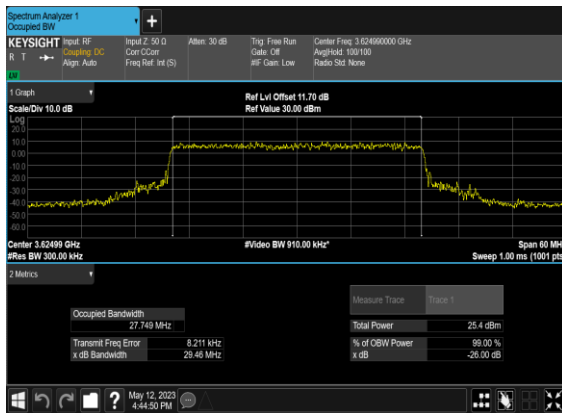
N48(30M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



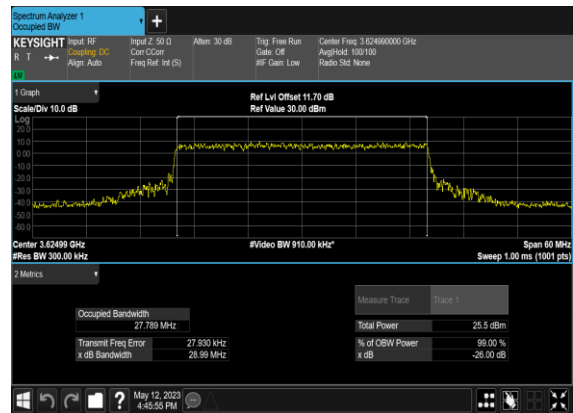
N48(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



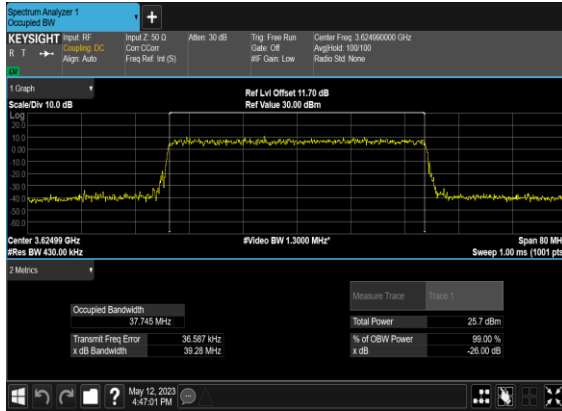
N48(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



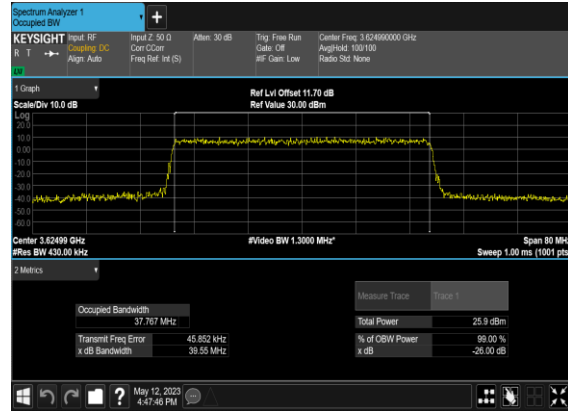
N48(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



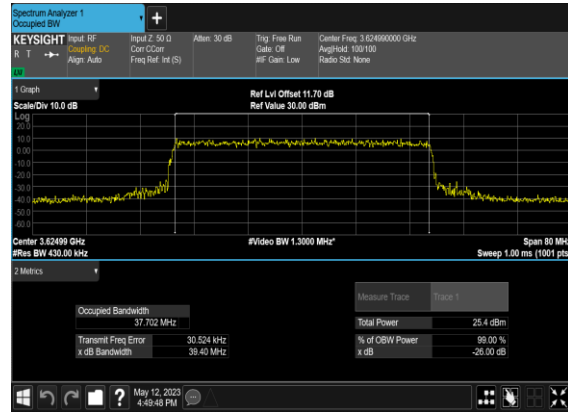
N48(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Adjacent Channel Leakage Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	10	637000	3555.0	CP-s-OFDM QPSK	24@0	-14.23	-14.38	see graph	PASS
48	30	10	637000	3555.0	CP-s-OFDM QPSK	1@0	-10.85	-21.76	see graph	PASS
48	30	10	637000	3555.0	CP-s-OFDM QPSK	1@23	-21.81	-12.78	see graph	PASS
48	30	10	641666	3624.99	CP-s-OFDM QPSK	24@0	-13.92	-15.08	see graph	PASS
48	30	10	641666	3624.99	CP-s-OFDM QPSK	1@0	-7.29	-16.32	see graph	PASS
48	30	10	641666	3624.99	CP-s-OFDM QPSK	1@23	-18.76	-11.38	see graph	PASS
48	30	10	646332	3694.98	CP-s-OFDM QPSK	24@0	-14.14	-14.76	see graph	PASS
48	30	10	646332	3694.98	CP-s-OFDM QPSK	1@0	-10.15	-18.41	see graph	PASS
48	30	10	646332	3694.98	CP-s-OFDM QPSK	1@23	-19.0	-12.67	see graph	PASS
48	30	20	637334	3560.01	CP-s-OFDM QPSK	51@0	-15.22	-15.73	see graph	PASS
48	30	20	637334	3560.01	CP-s-OFDM QPSK	1@0	-12.02	-19.25	see graph	PASS
48	30	20	637334	3560.01	CP-s-OFDM QPSK	1@50	-18.36	-12.73	see graph	PASS
48	30	20	641666	3624.99	CP-s-OFDM QPSK	51@0	-14.26	-14.37	see graph	PASS
48	30	20	641666	3624.99	CP-s-OFDM QPSK	1@0	-11.48	-16.91	see graph	PASS
48	30	20	641666	3624.99	CP-s-OFDM QPSK	1@50	-16.44	-12.1	see graph	PASS
48	30	20	646000	3690.0	CP-s-OFDM QPSK	51@0	-14.16	-14.14	see graph	PASS
48	30	20	646000	3690.0	CP-s-OFDM QPSK	1@0	-10.6	-16.2	see graph	PASS
48	30	20	646000	3690.0	CP-s-OFDM QPSK	1@50	-15.67	-11.61	see graph	PASS
48	30	40	638000	3570.0	CP-s-OFDM QPSK	106@0	-12.73	-12.26	see graph	PASS
48	30	40	638000	3570.0	CP-s-OFDM QPSK	1@0	-11.11	-13.57	see graph	PASS
48	30	40	638000	3570.0	CP-s-OFDM QPSK	1@105	-14.08	-11.79	see graph	PASS
48	30	40	641666	3624.99	CP-s-OFDM QPSK	106@0	-12.81	-12.38	see graph	PASS
48	30	40	641666	3624.99	CP-s-OFDM QPSK	1@0	-11.23	-12.75	see graph	PASS
48	30	40	641666	3624.99	CP-s-OFDM QPSK	1@105	-12.31	-10.11	see graph	PASS
48	30	40	645332	3679.98	CP-s-OFDM QPSK	106@0	-12.48	-11.84	see graph	PASS
48	30	40	645332	3679.98	CP-s-OFDM QPSK	1@0	-10.42	-12.34	see graph	PASS
48	30	40	645332	3679.98	CP-s-OFDM QPSK	1@105	-13.63	-11.46	see graph	PASS