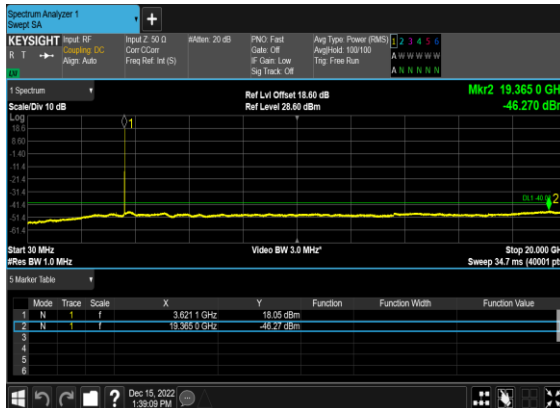
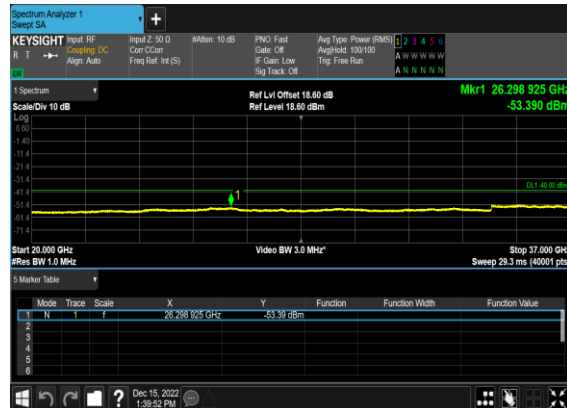


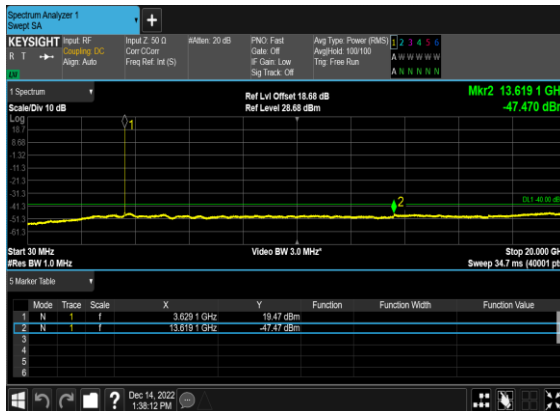
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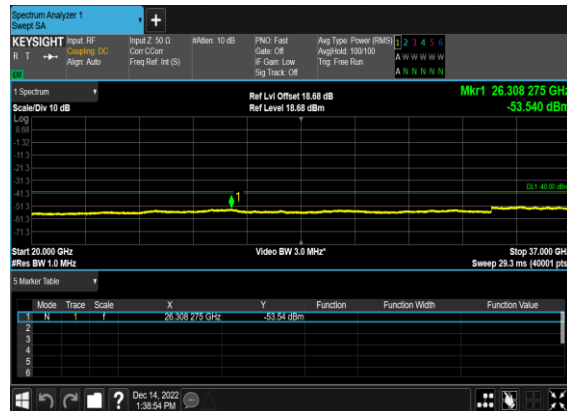
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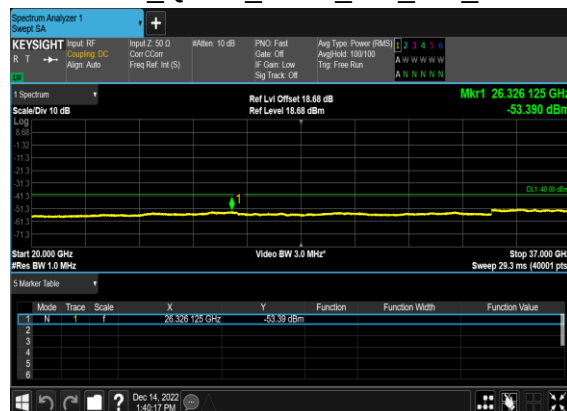
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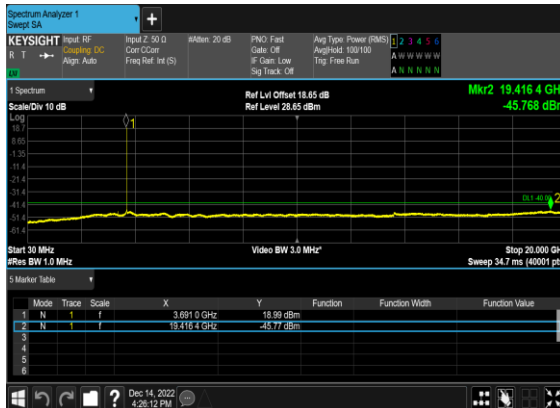
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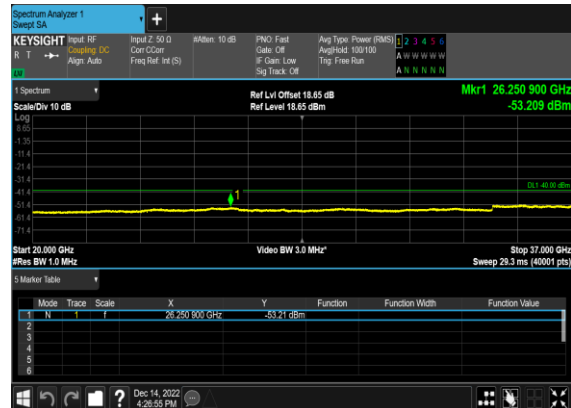
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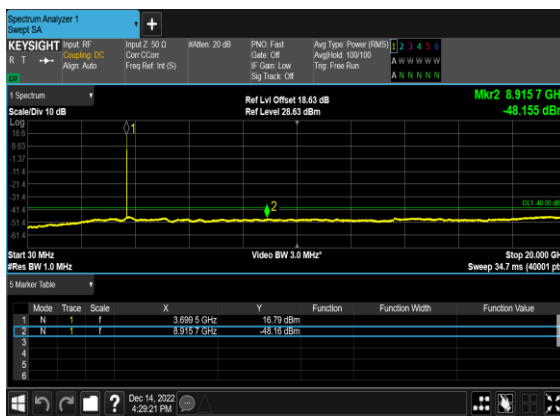
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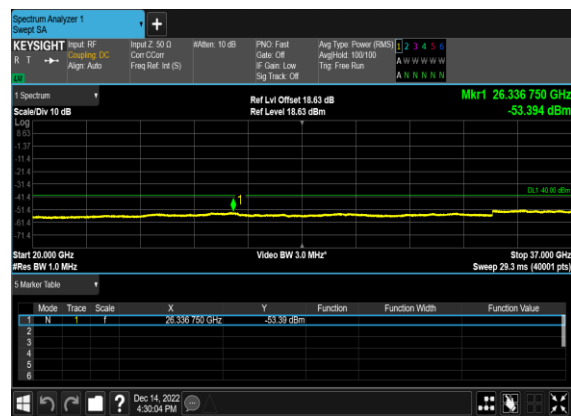
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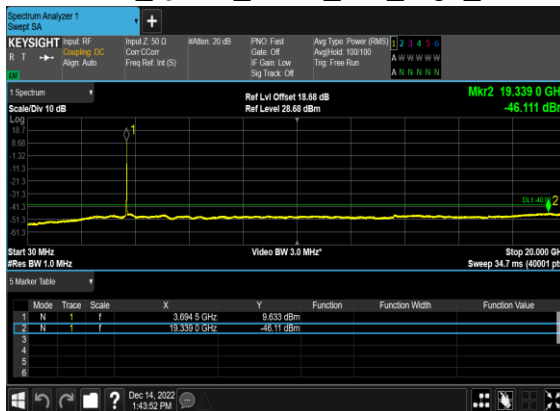
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OFDM_QPSK_Edge_1RB_Right_High_C
H



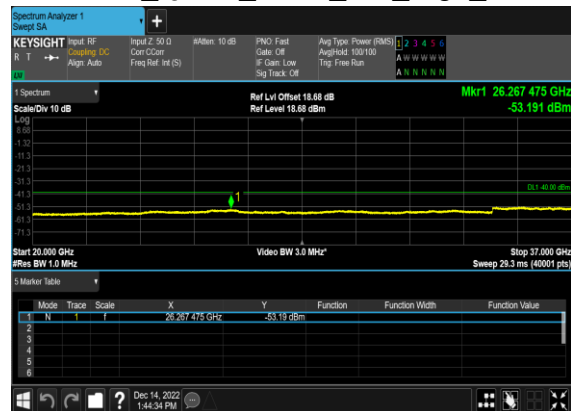
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OFDM_QPSK_Edge_1RB_Right_High_C
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N48(10M)_CP-
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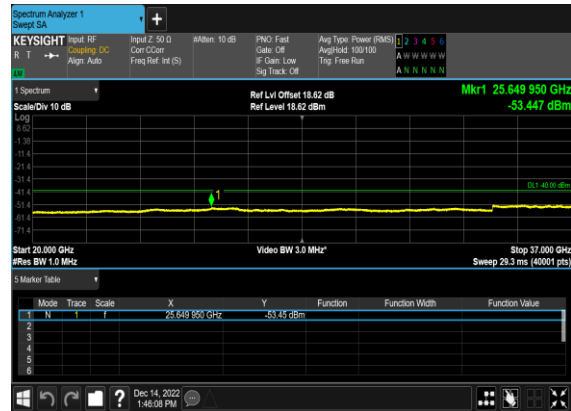
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OFDM_QPSK_Outer_Full_High_CH



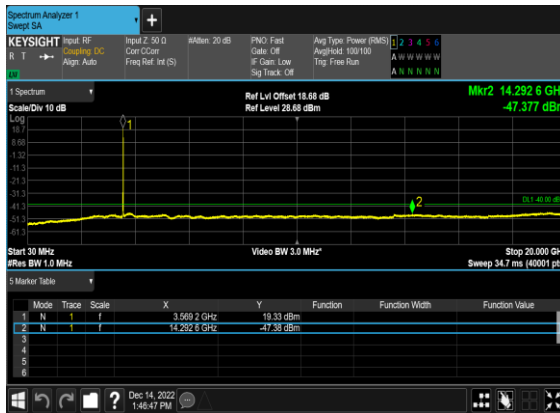
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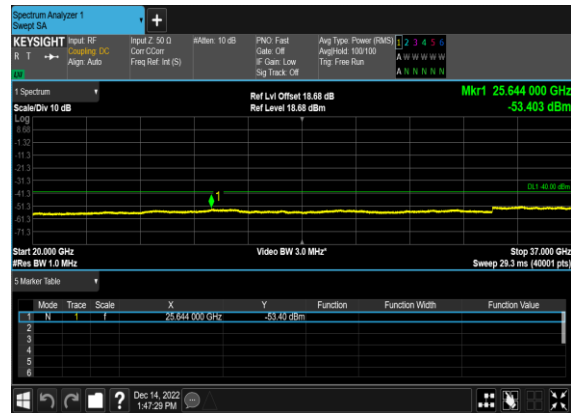
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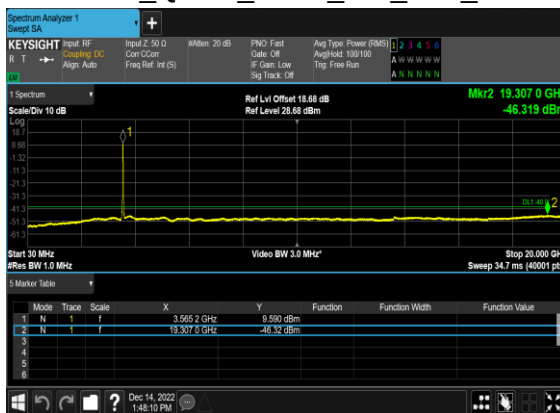
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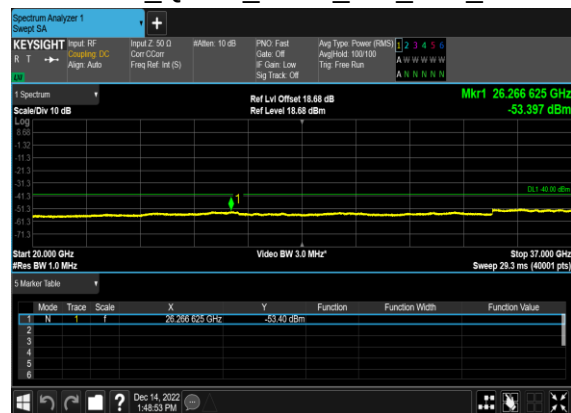
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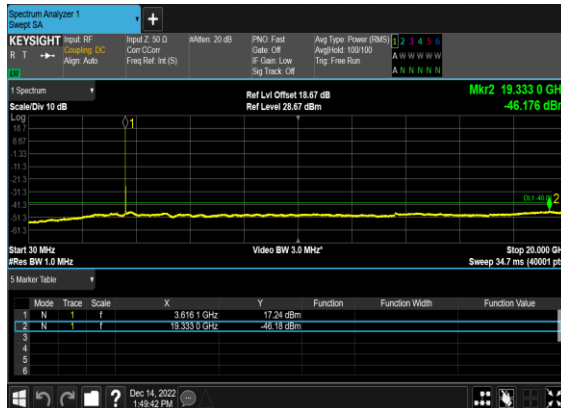
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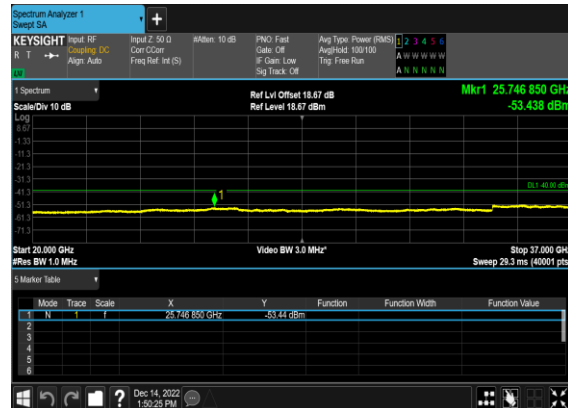
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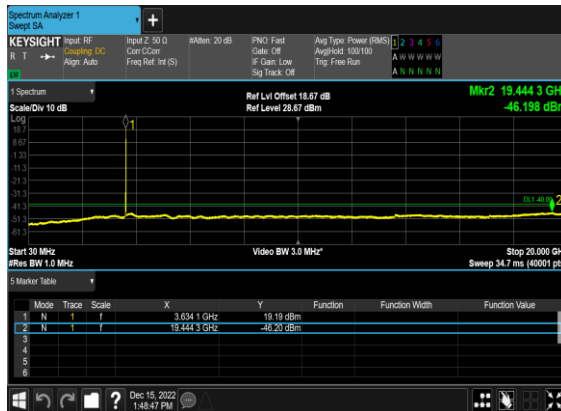
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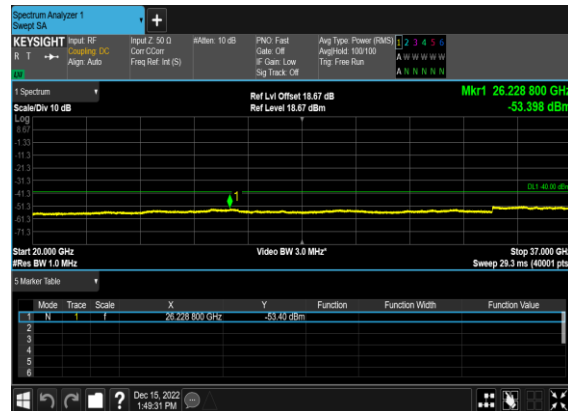
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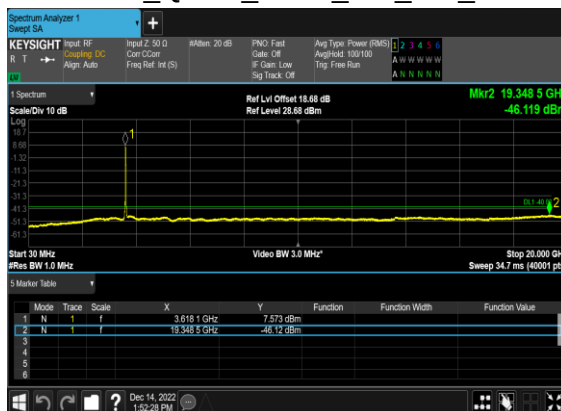
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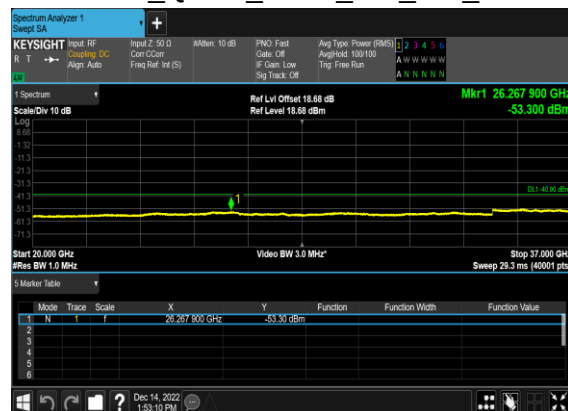
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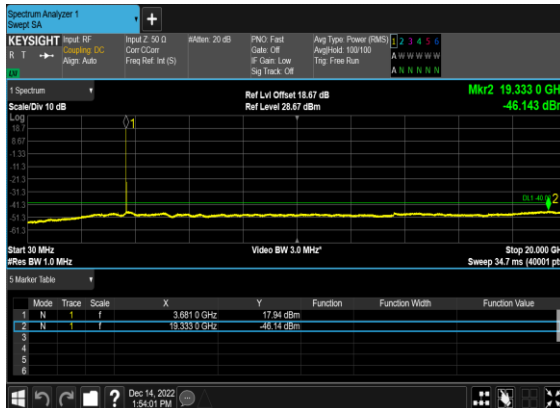
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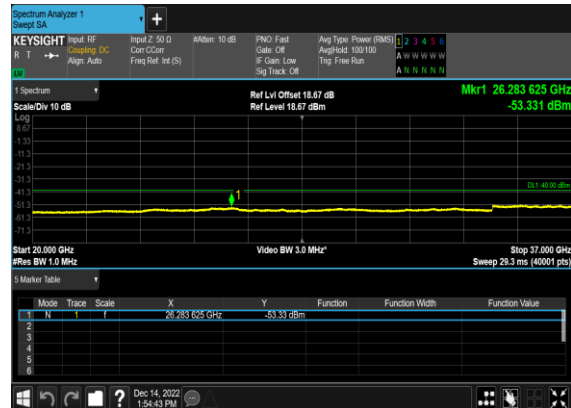
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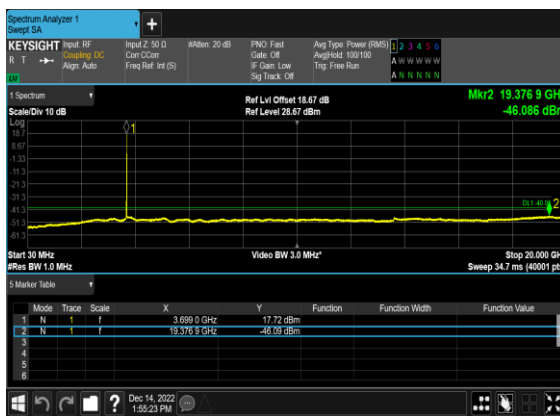
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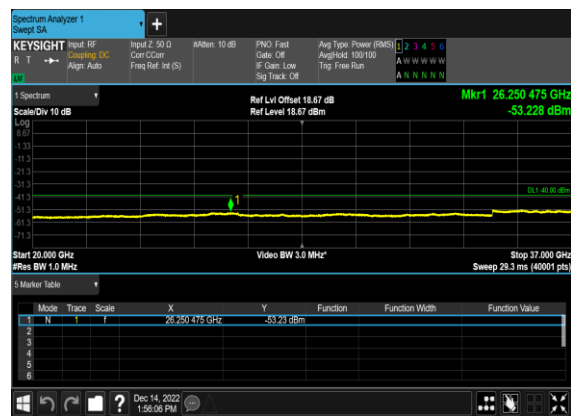
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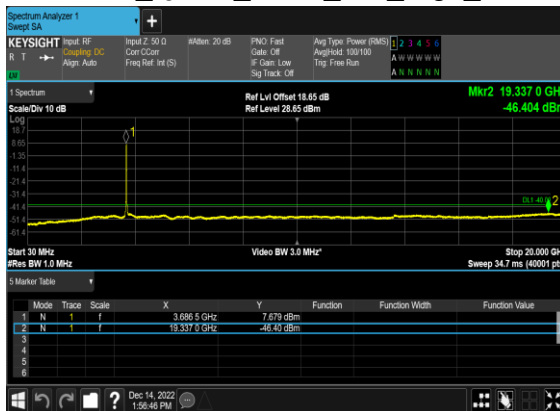
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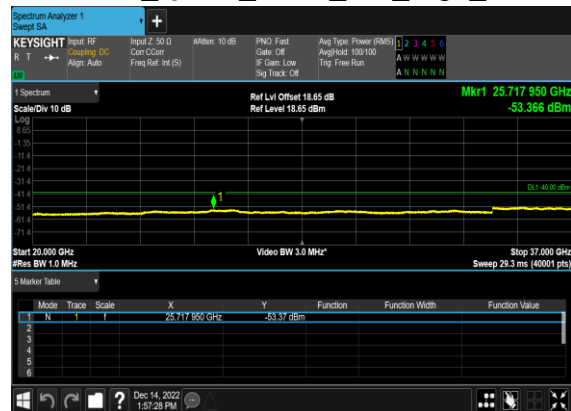
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_High_C H



N48(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(20M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



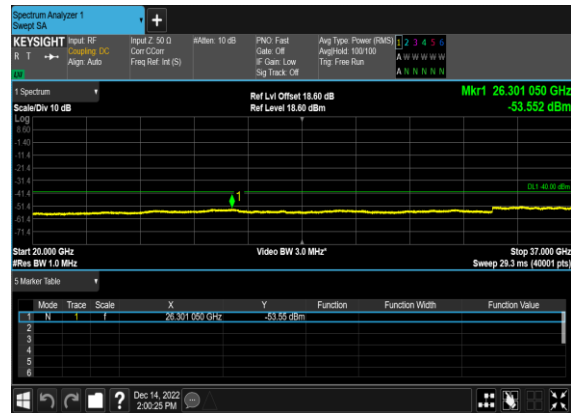
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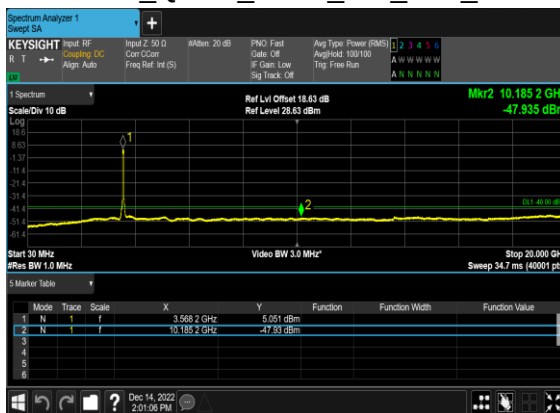
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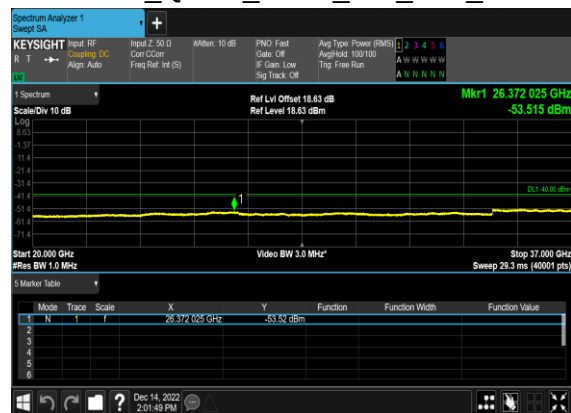
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N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



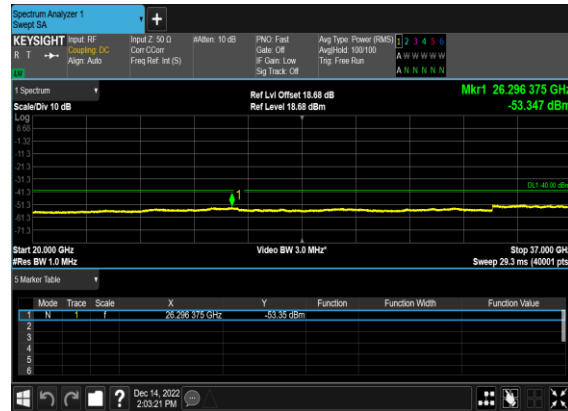
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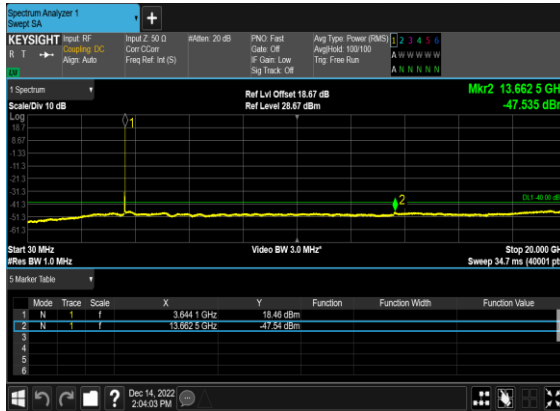
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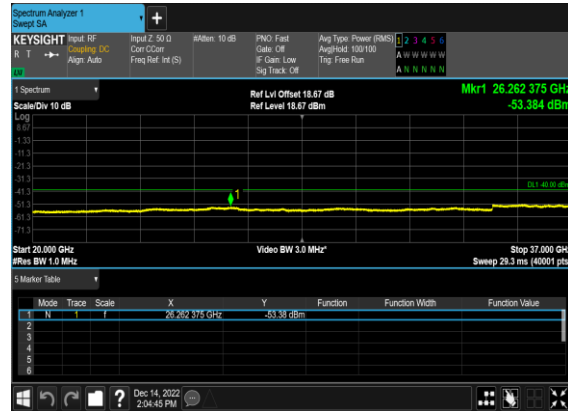
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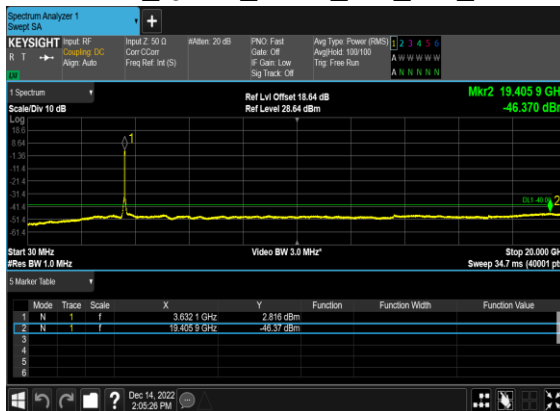
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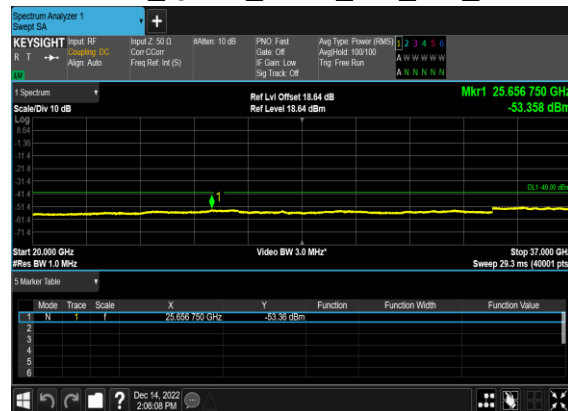
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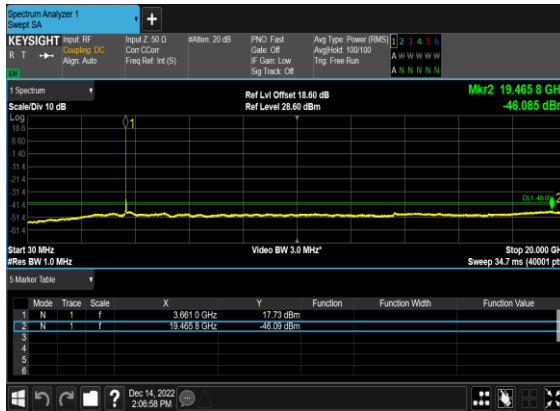
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N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



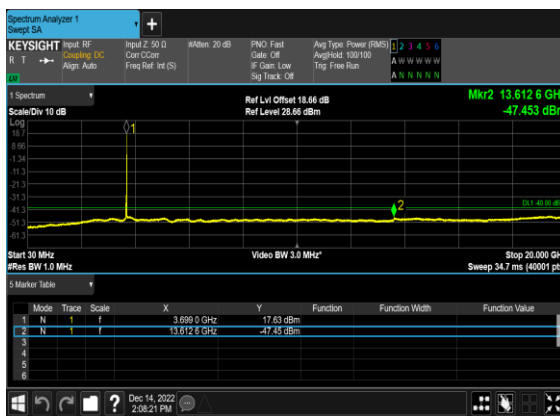
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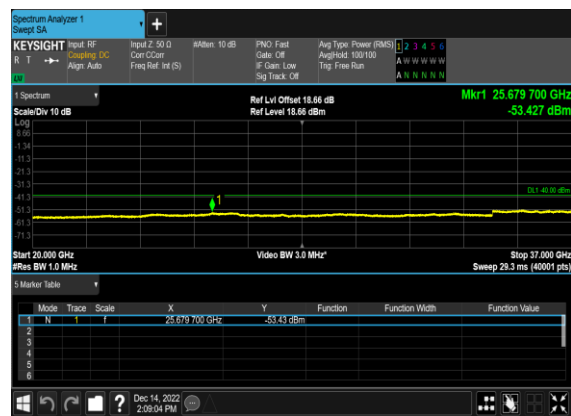
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OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_C
H



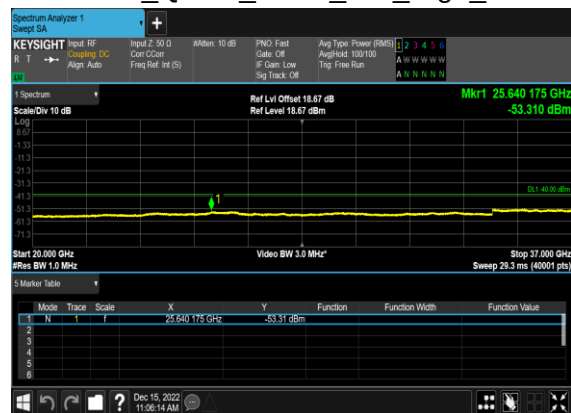
N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_C
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N48(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH

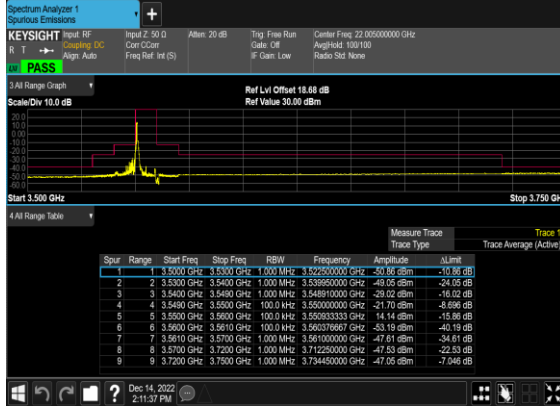


Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	see graph	PASS

48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS

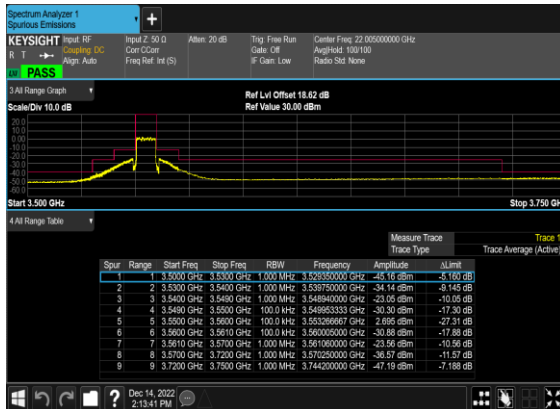
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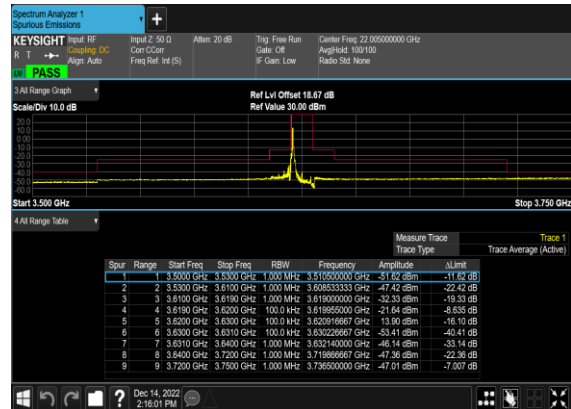
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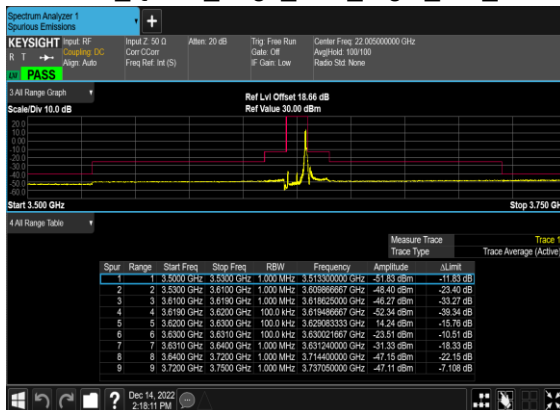
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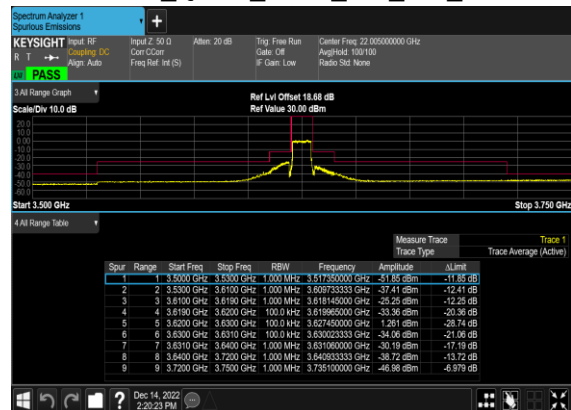
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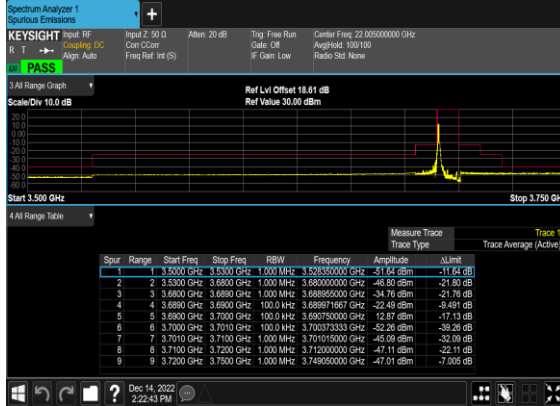
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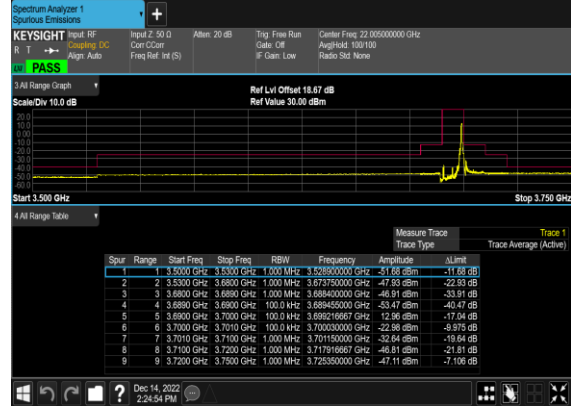
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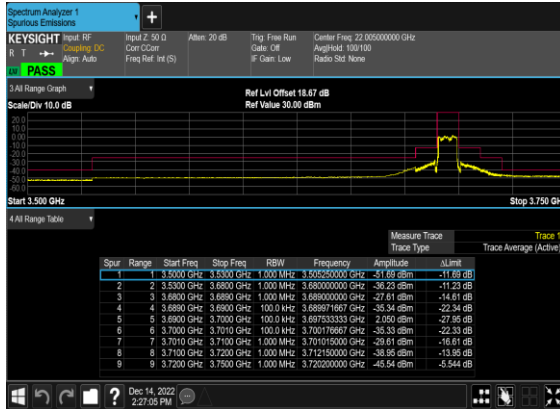
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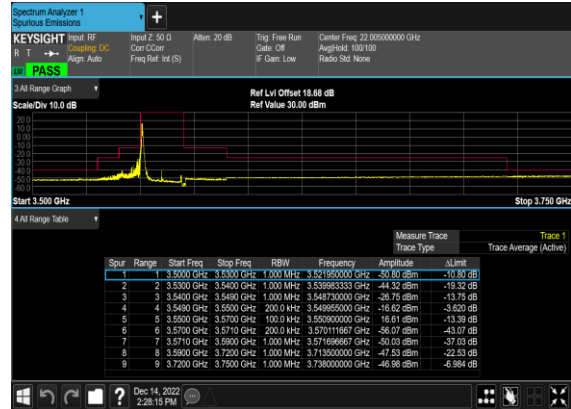
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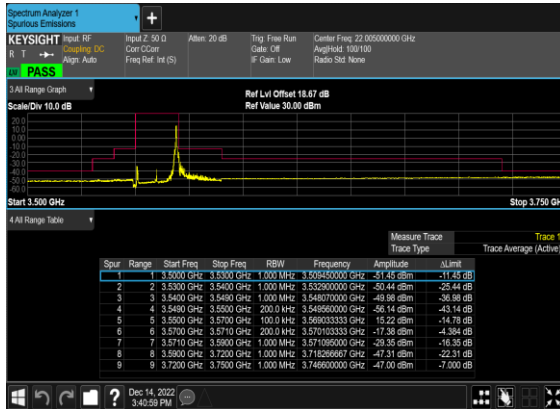
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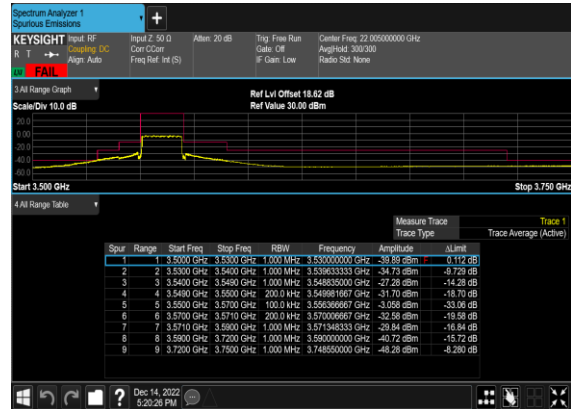
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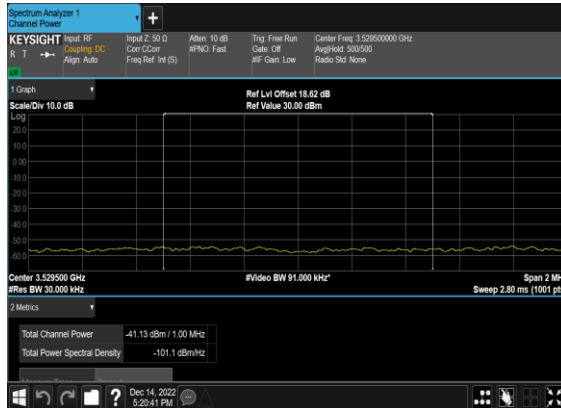
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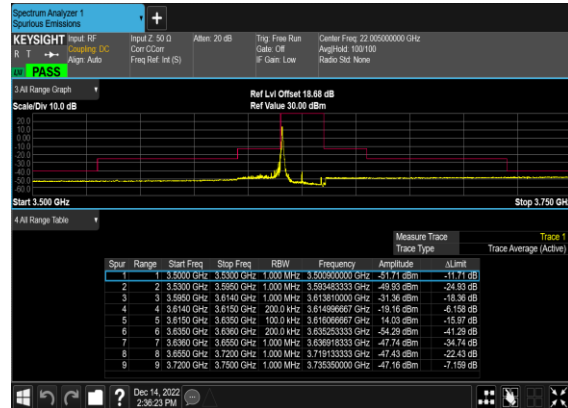
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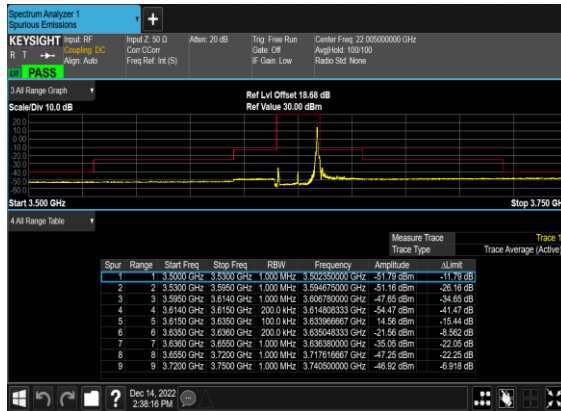
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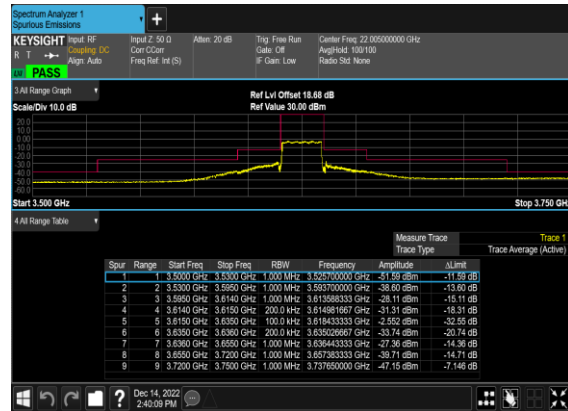
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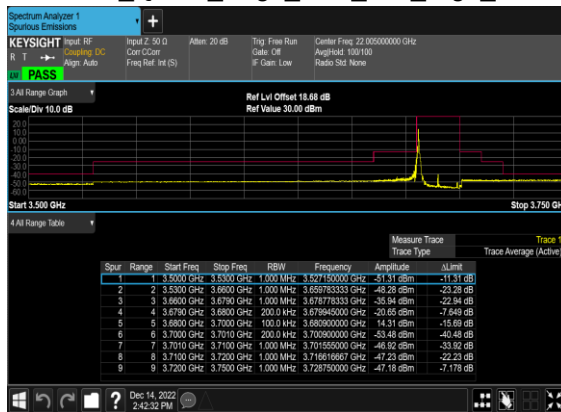
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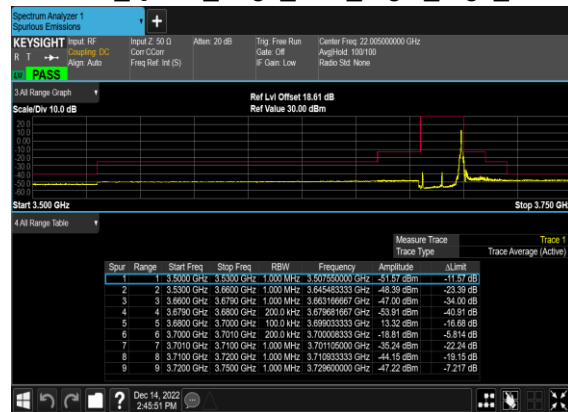
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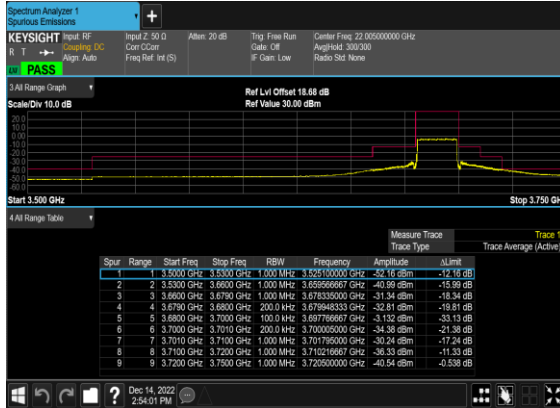
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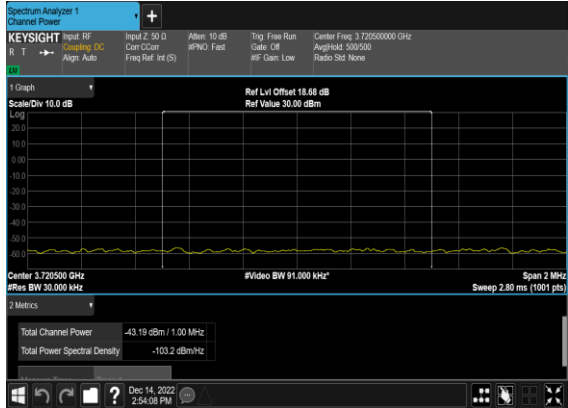
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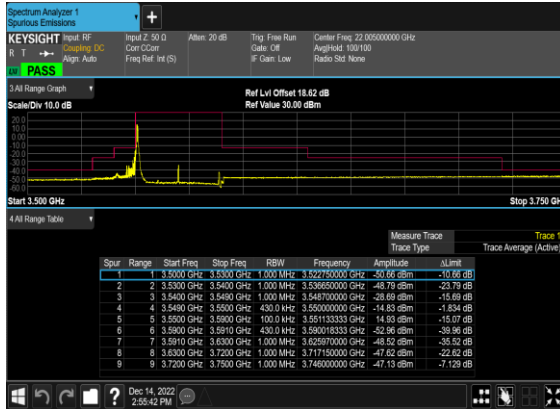
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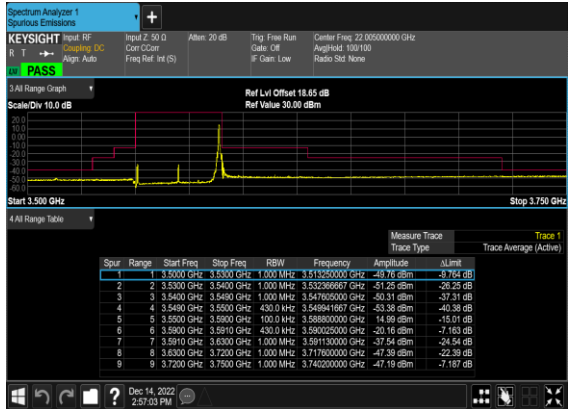
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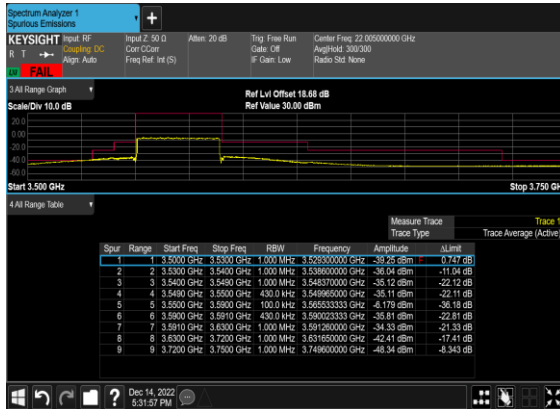
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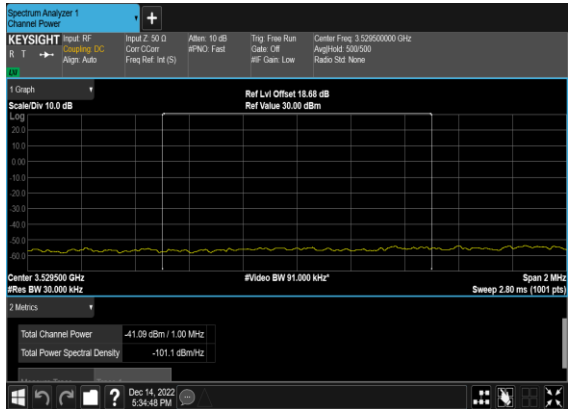
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



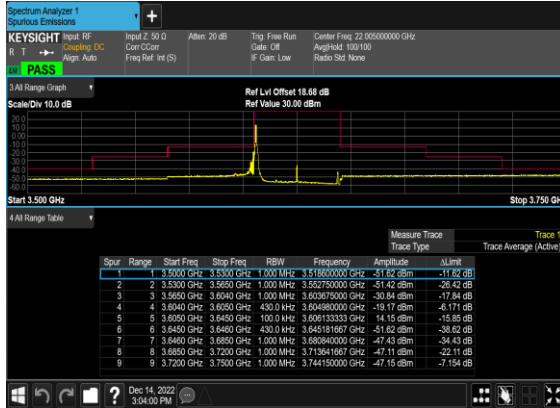
N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH



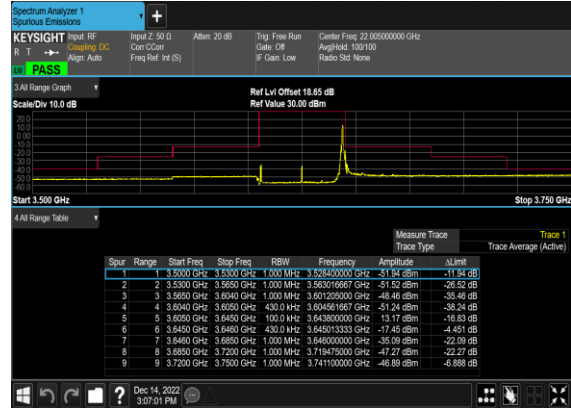
N48(40M)_CP- OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



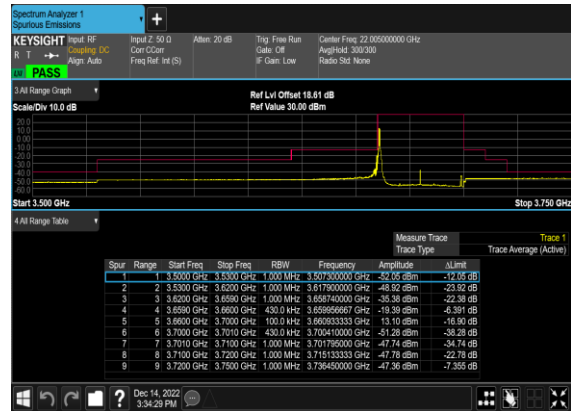
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Mid_CH



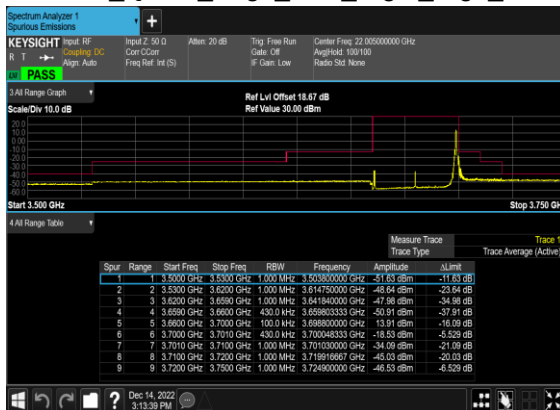
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



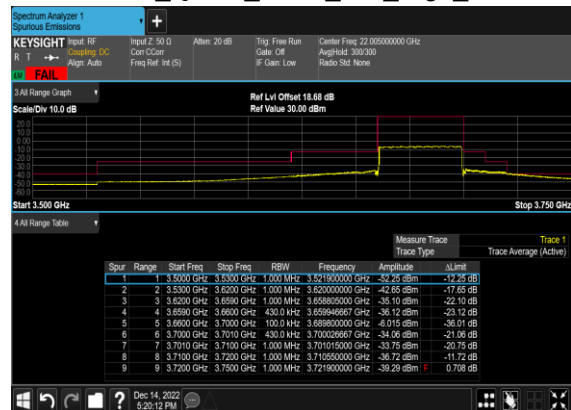
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



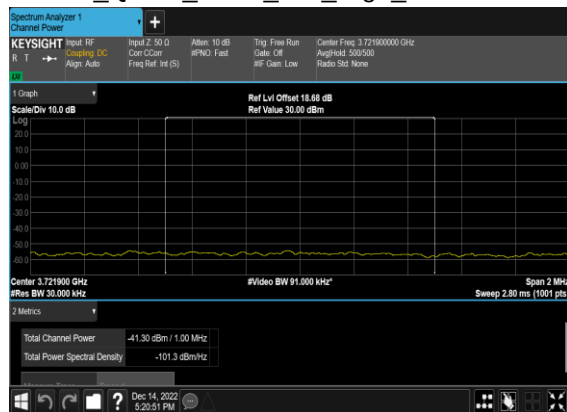
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



FR1 N48 MIMO-ANT8

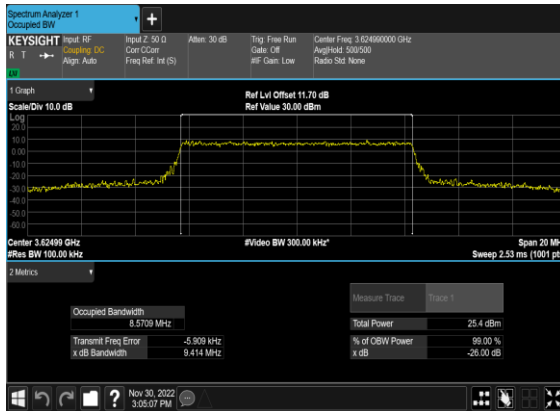
Frequency Stability

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	0.0057	PASS	NV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0065	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	0.0037	PASS	-30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0052	PASS	-20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0059	PASS	-10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0045	PASS	0°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0046	PASS	10°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0057	PASS	20°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0040	PASS	30°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0036	PASS	40°C
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0020	PASS	50°C

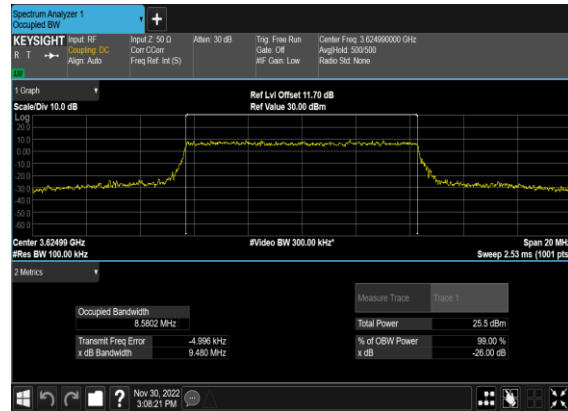
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.5709	9.414
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5802	9.48
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5638	9.485
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.5969	9.383
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.196	19.41
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.19	19.42
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.191	19.21
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.181	19.37
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.843	39.61
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.842	39.44
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.85	39.35
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.949	39.33

N48(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N48(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



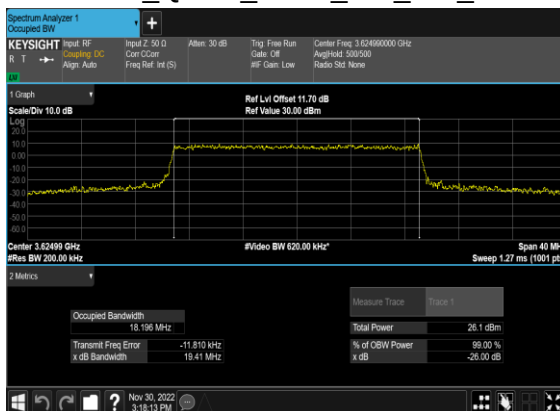
N48(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



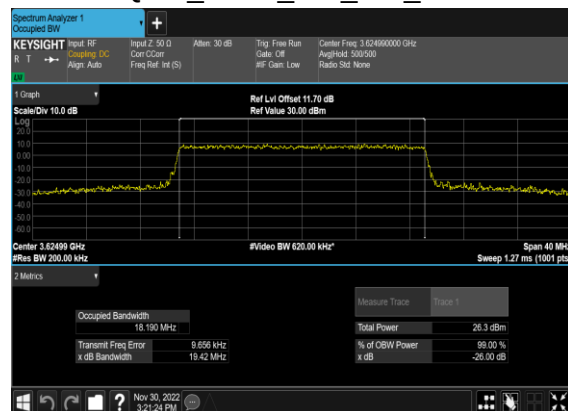
N48(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



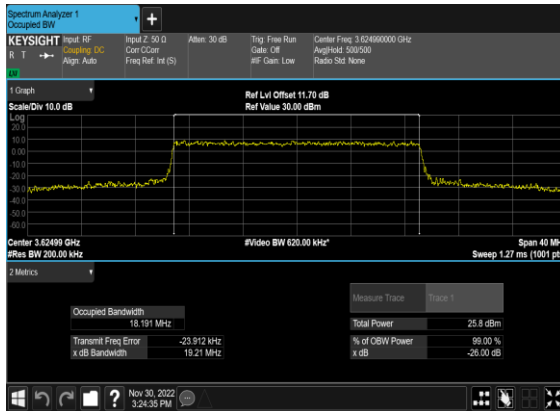
N48(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



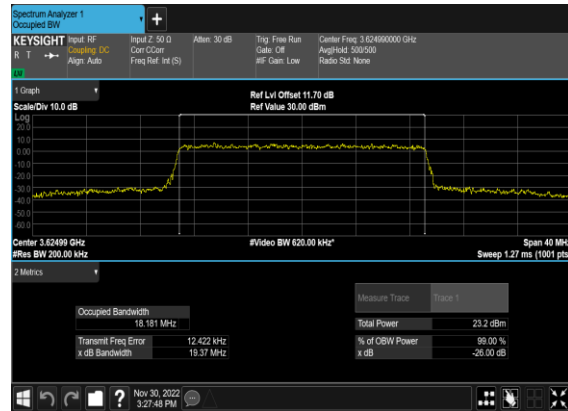
N48(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



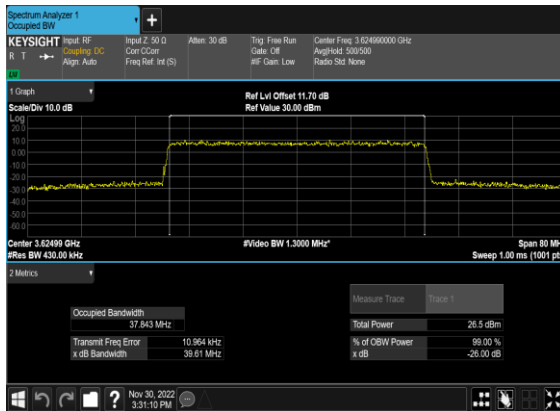
N48(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



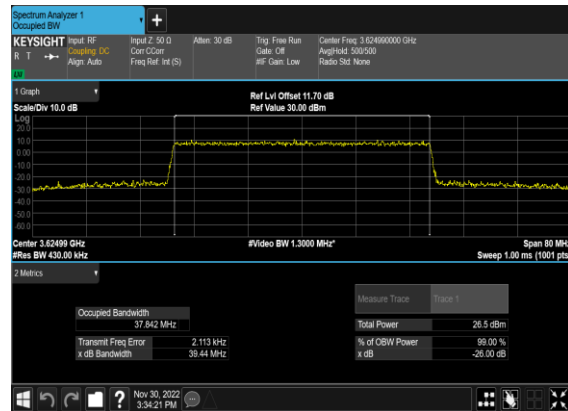
N48(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



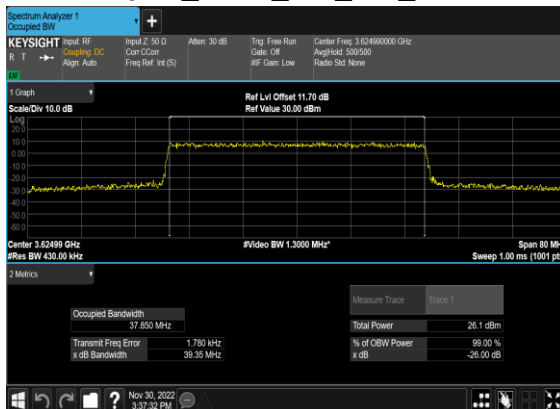
N48(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



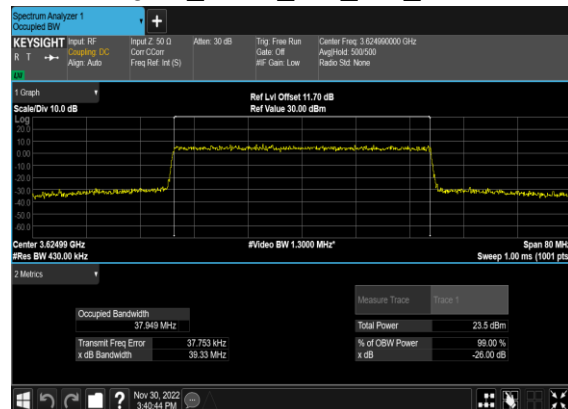
N48(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

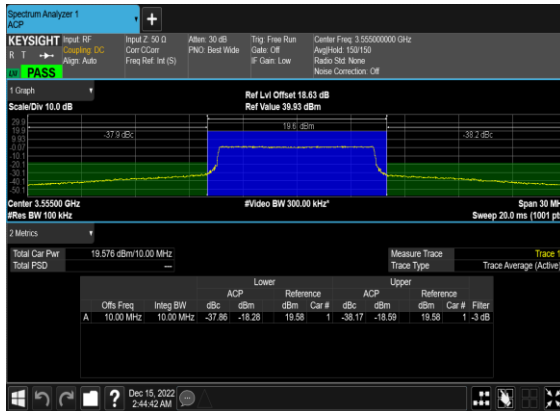


Adjacent Channel Leakage Ratio

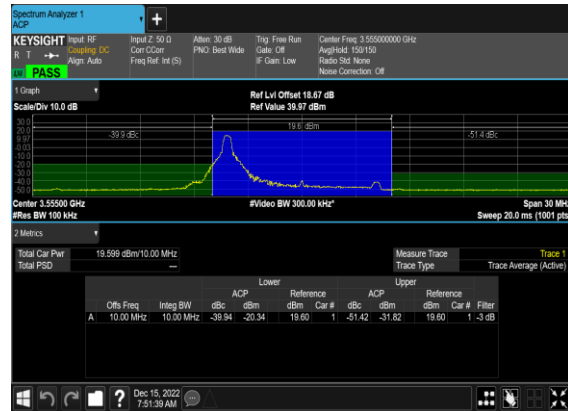
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	10	637000	3555.0	CP-OFDM QPSK	1@0	-11.52	-23.24	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	-23.86	-12.82	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	-5.36	-5.28	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	-13.29	-19.59	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	-17.7	-10.45	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	-6.48	-5.92	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	-10.78	-19.12	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	-19.64	-11.93	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	-6.04	-5.82	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	-12.12	-21.45	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	-21.5	-13.72	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	-5.5	-5.16	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	-11.19	-16.64	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	-15.73	-12.63	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-5.44	-4.83	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	-11.4	-16.03	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	-14.52	-11.18	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	-6.02	-5.11	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	-10.26	-11.27	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	-15.67	-12.82	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	-4.99	-4.93	see graph	PASS

48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	-11.93	-13.93	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	-13.19	-10.5	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	-4.32	-3.1	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	-10.42	-12.24	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	-14.22	-12.01	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	-5.97	-4.06	see graph	PASS

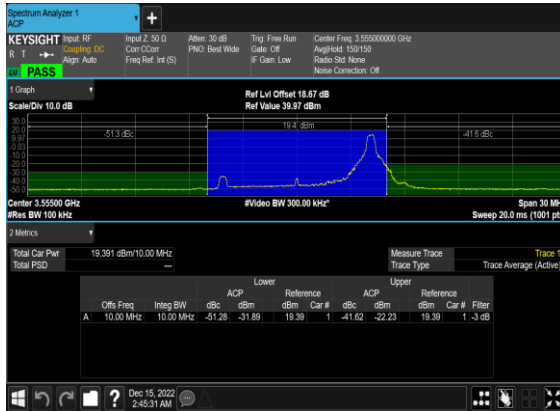
N48(10M)_ CP-OFDM
_QPSK_Outer_Full_Low_CH



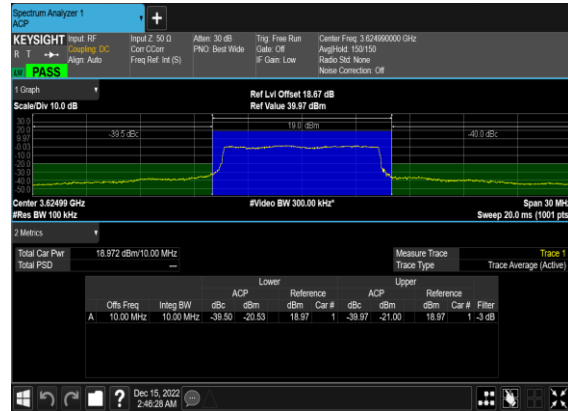
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Low_CH



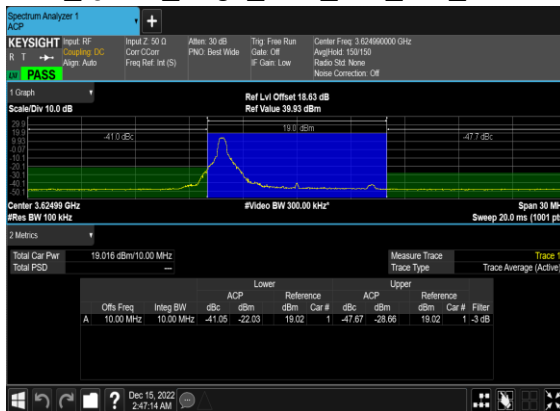
N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Low_CH



N48(10M)_ CP-OFDM
_QPSK_Outer_Full_Mid_CH



N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Left_Mid_CH



N48(10M)_ CP-OFDM
_QPSK_Edge_1RB_Right_Mid_CH

