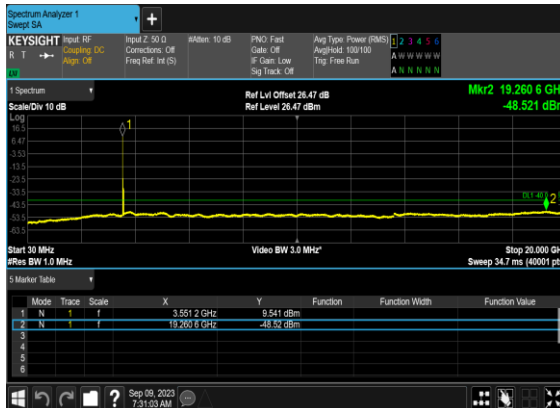
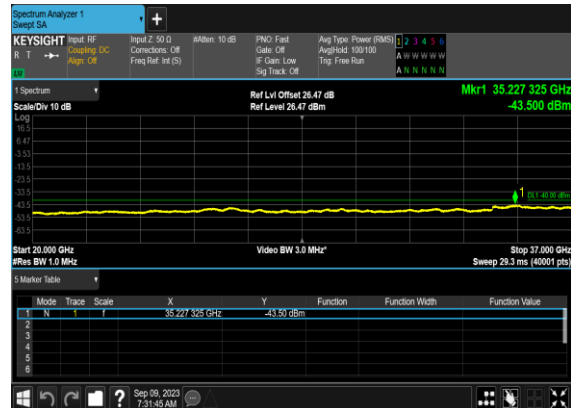


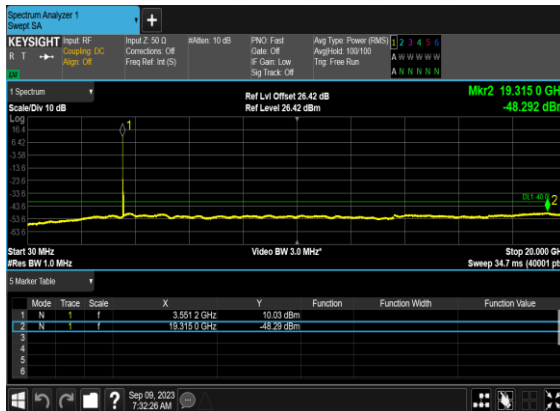
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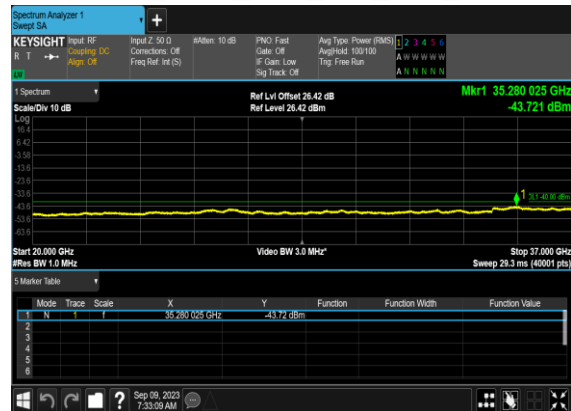
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



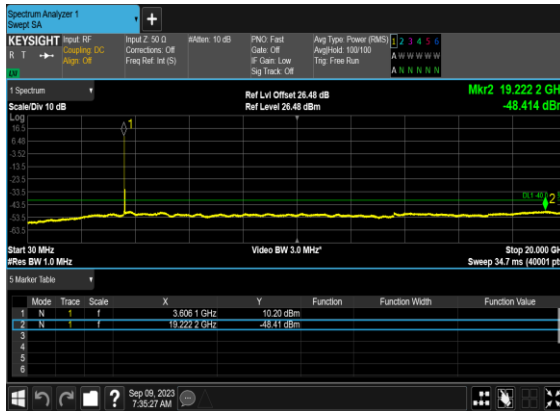
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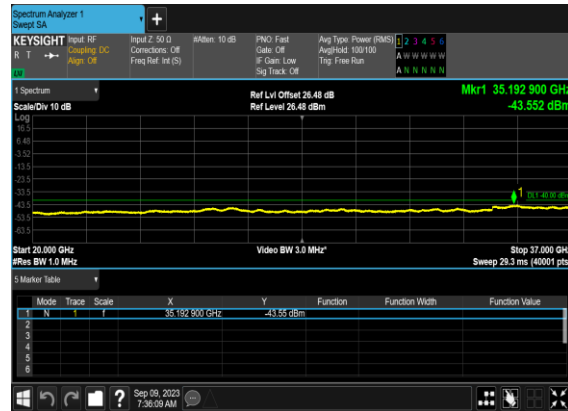
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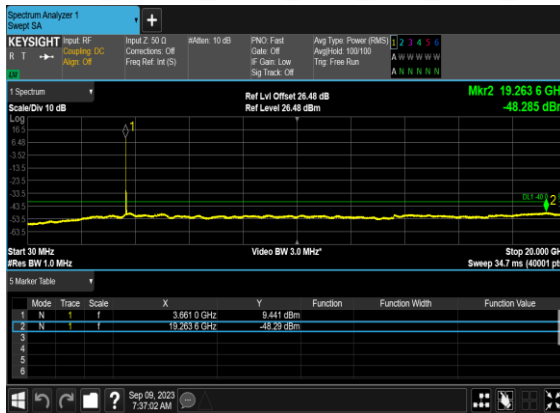
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QAM_Edge_1RB_Left_Mid_CH



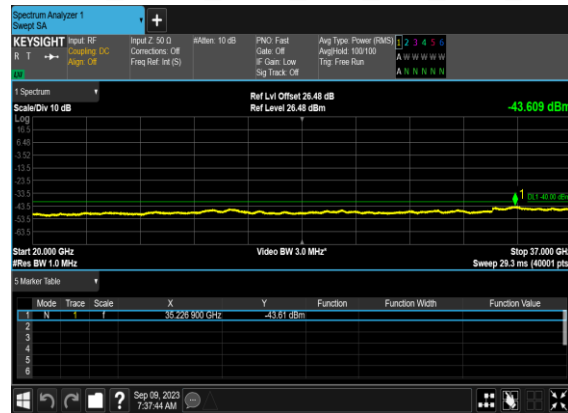
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QAM_Edge_1RB_Left_Mid_CH



N48(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



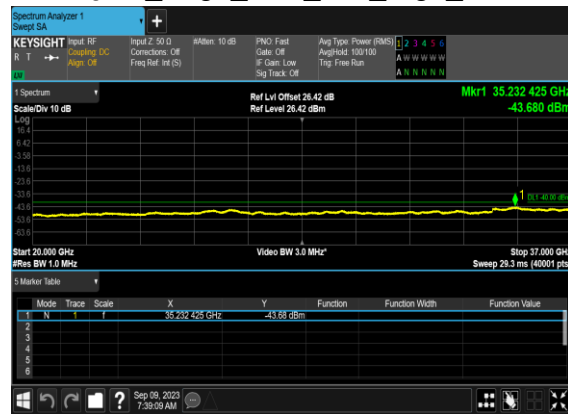
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OFDM_QPSK_Edge_1RB_Left_High_CH



N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



N48(40M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH

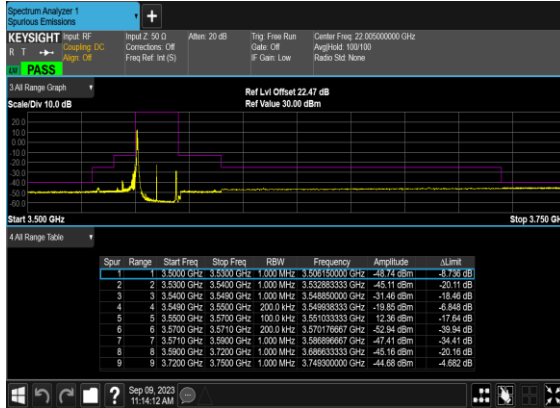


Conducted Band Edge

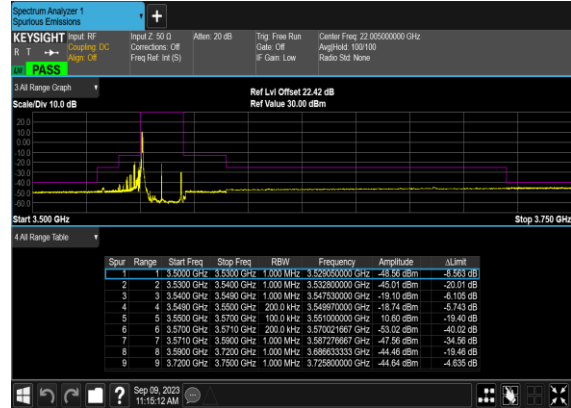
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@50	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	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 16 QAM	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 16 QAM	1@50	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	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 16 QAM	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 16 QAM	1@50	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	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 16 QAM	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 16 QAM	1@105	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	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 16 QAM	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 16 QAM	1@105	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	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 16 QAM	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 16 QAM	1@105	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	106@0	see graph	PASS

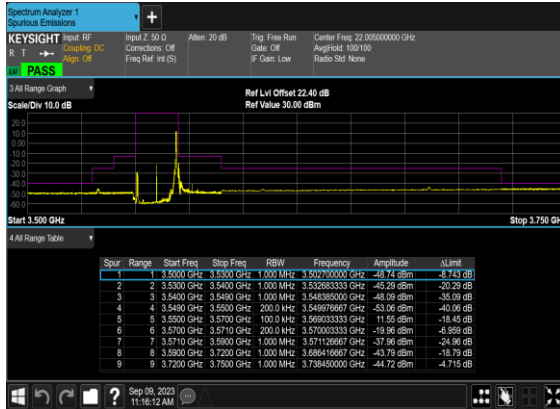
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



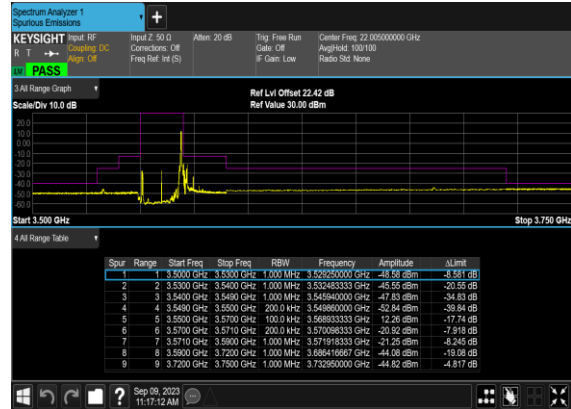
N48(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



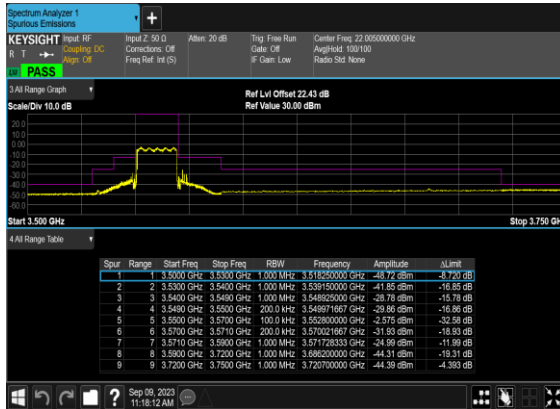
N48(20M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



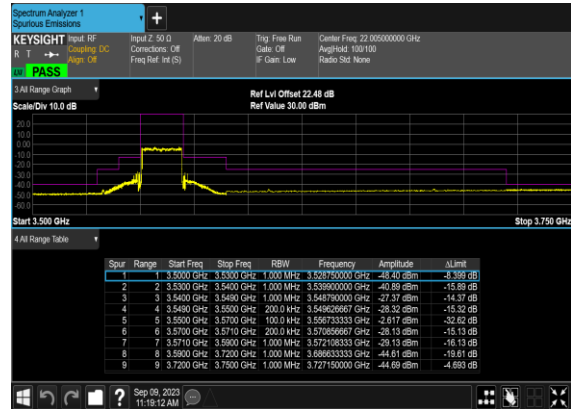
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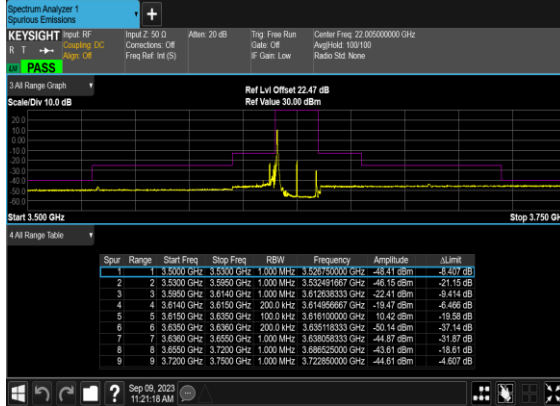
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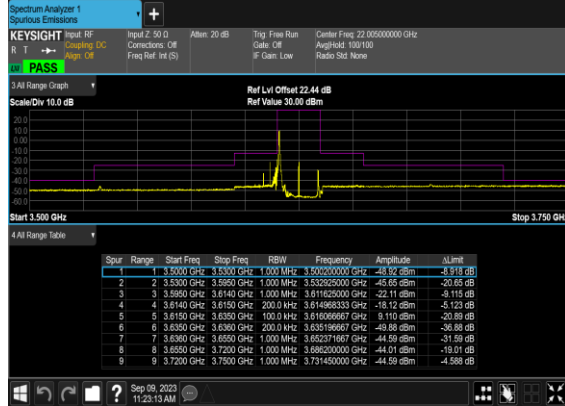
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



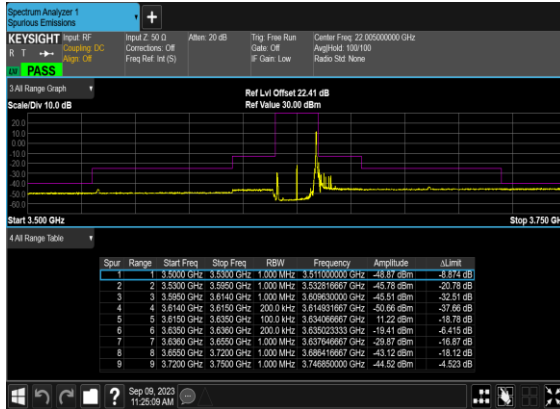
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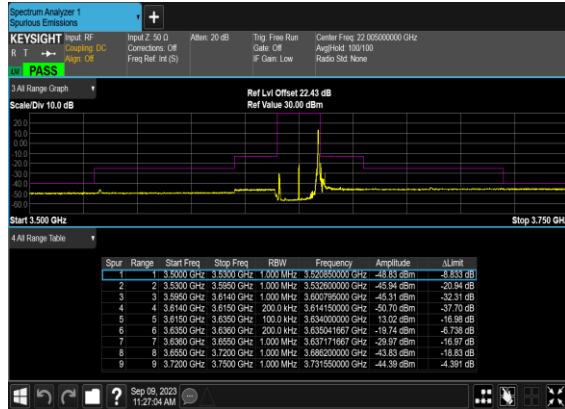
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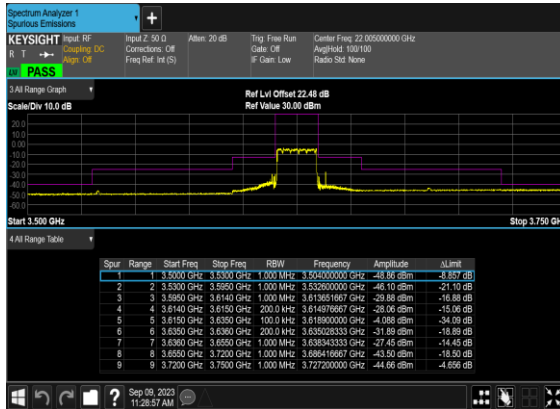
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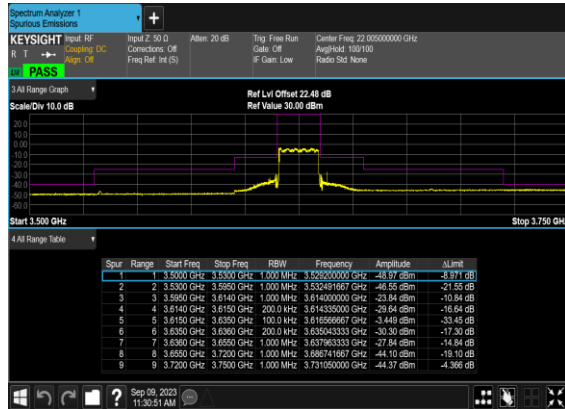
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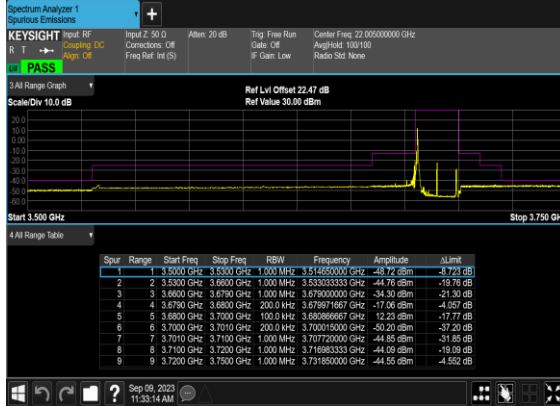
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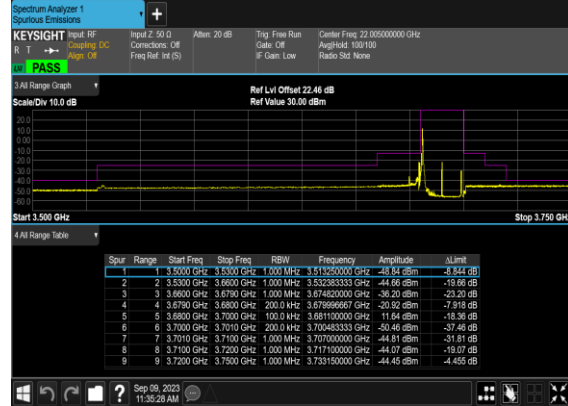
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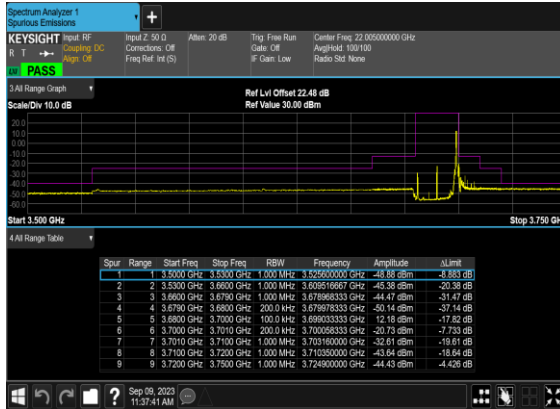
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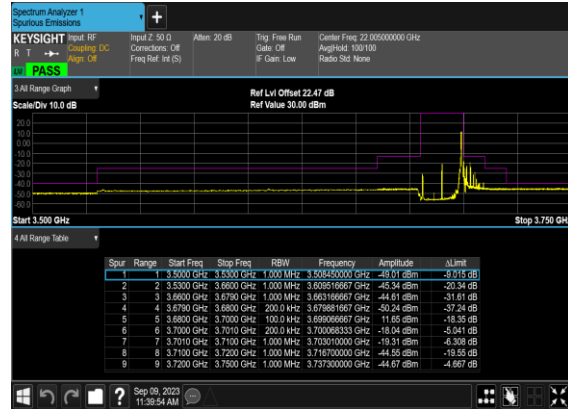
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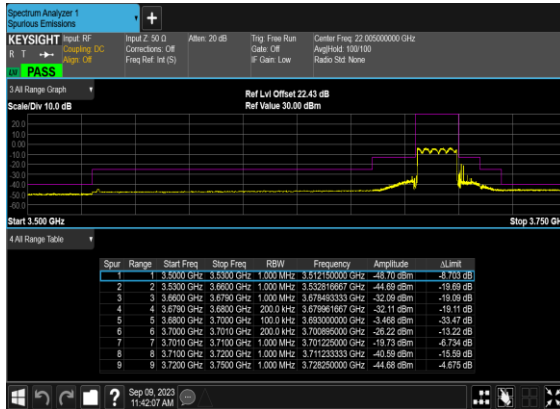
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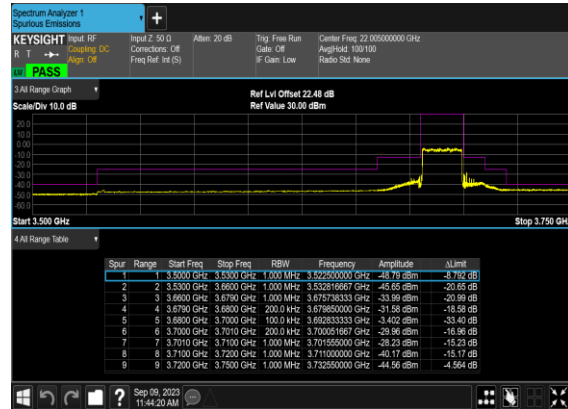
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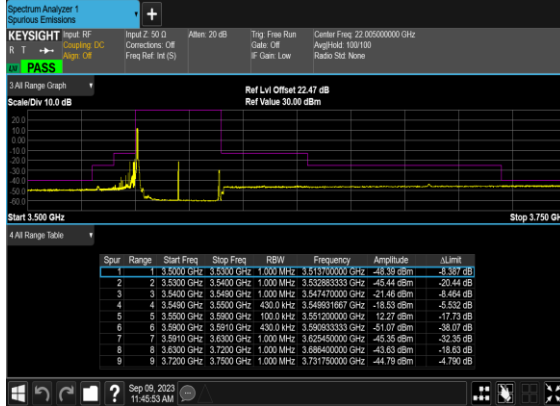
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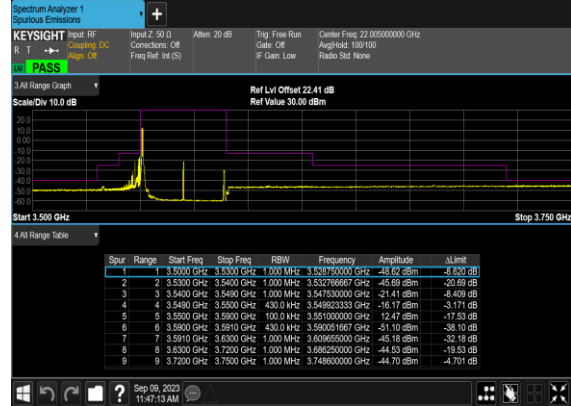
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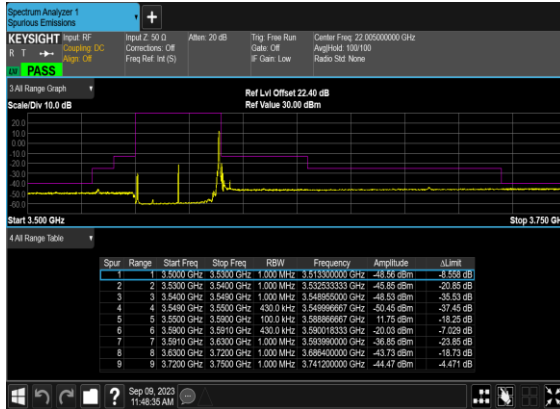
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



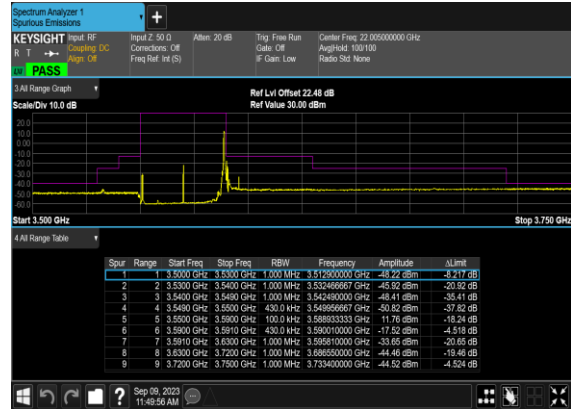
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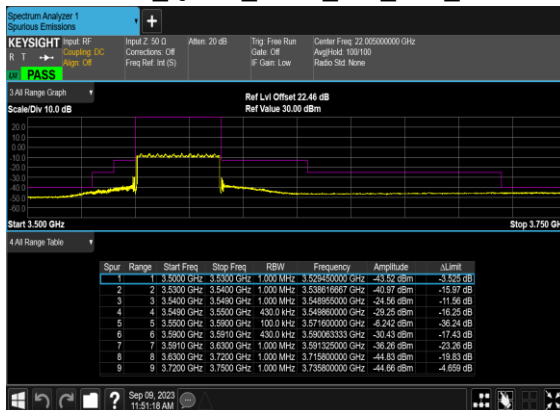
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_Low_CH



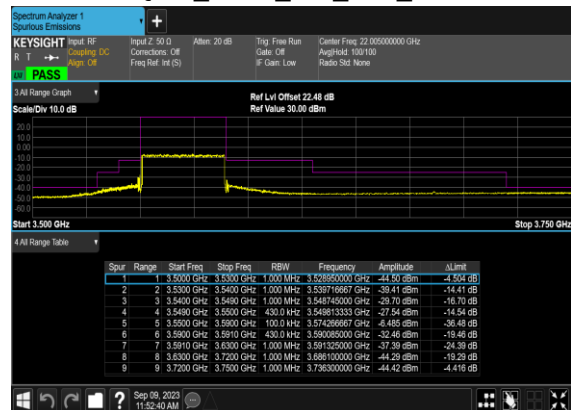
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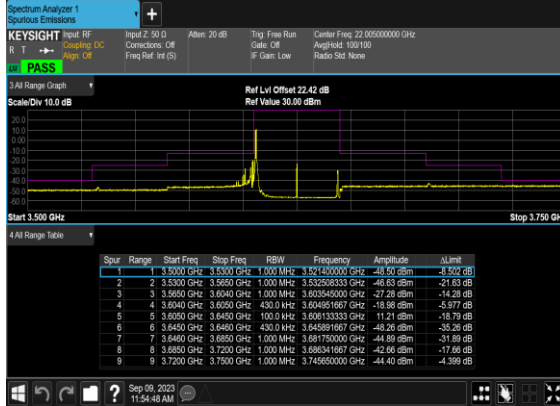
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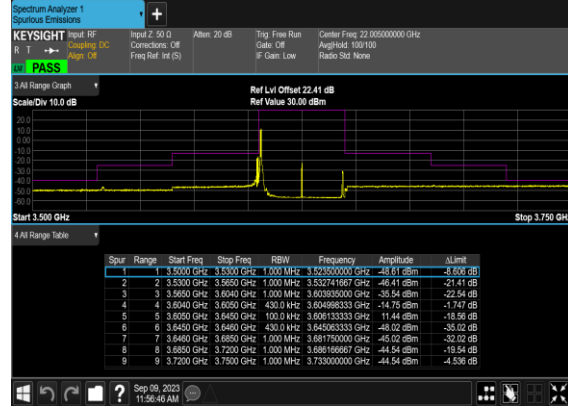
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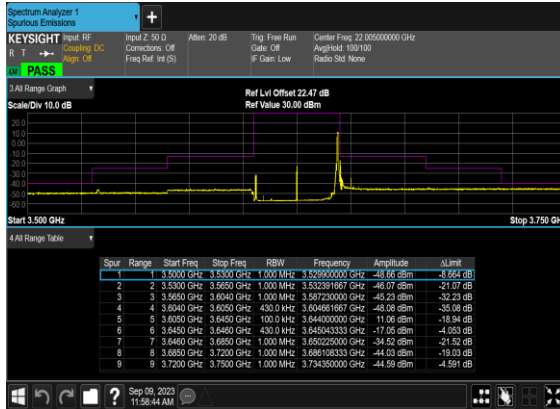
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



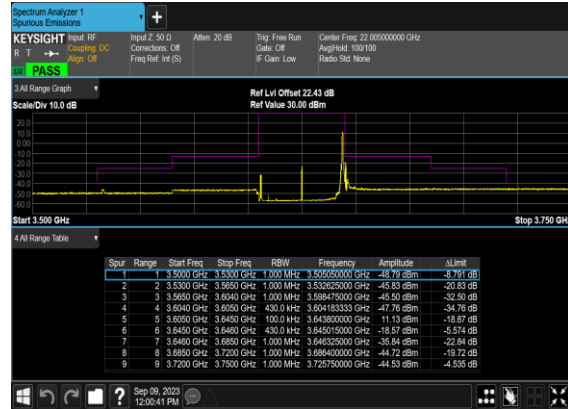
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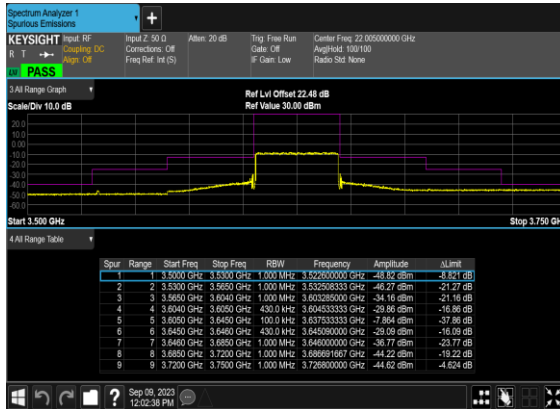
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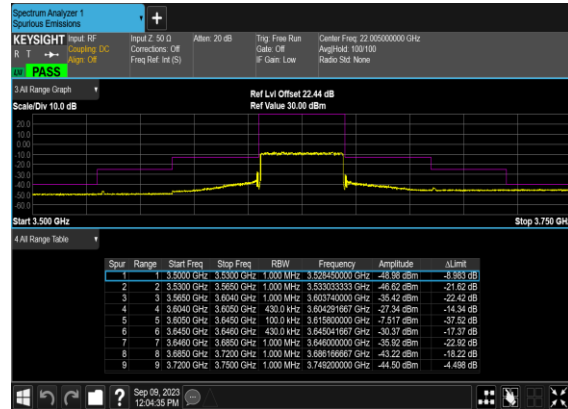
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH



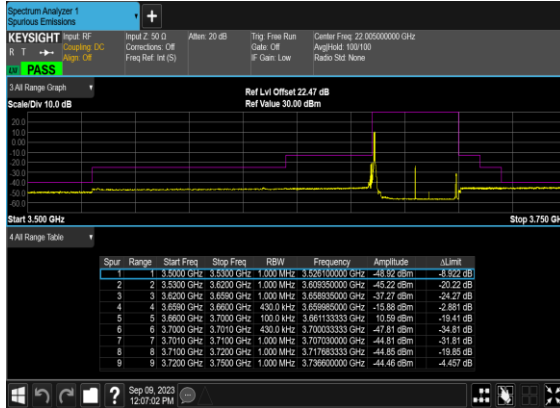
N48(40M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



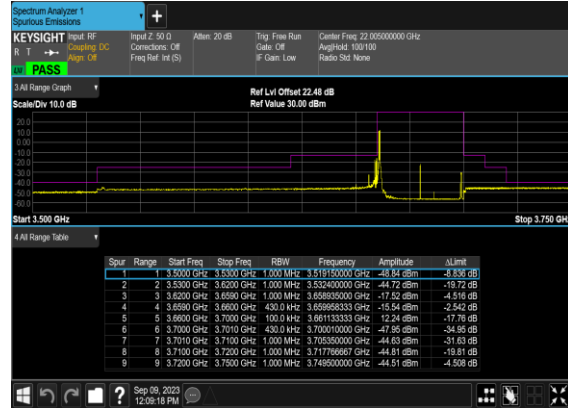
N48(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



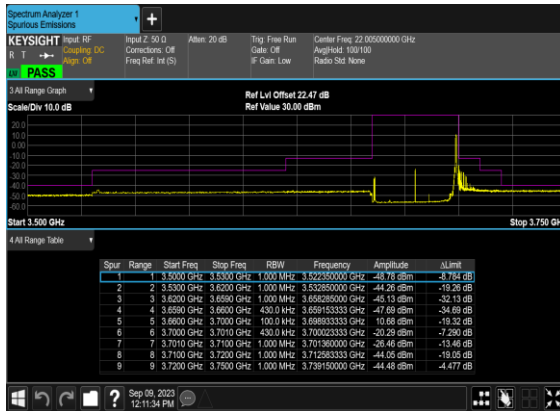
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



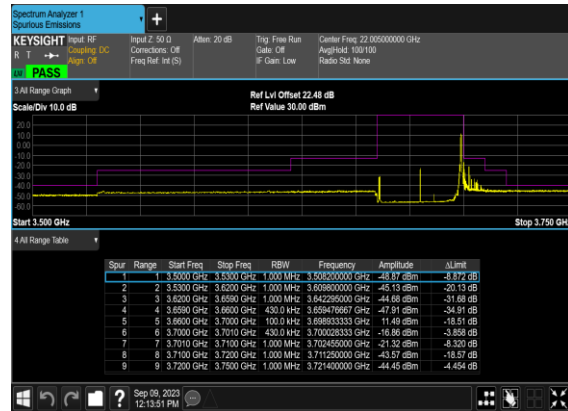
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



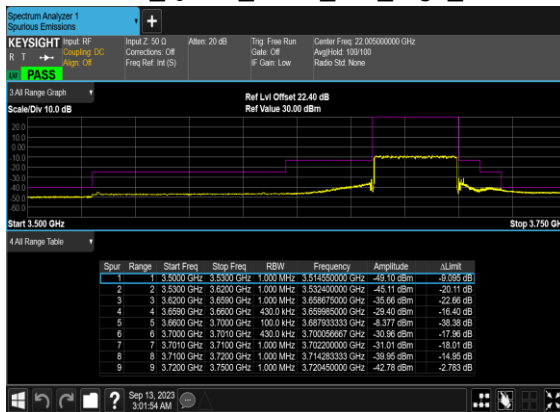
N48(40M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



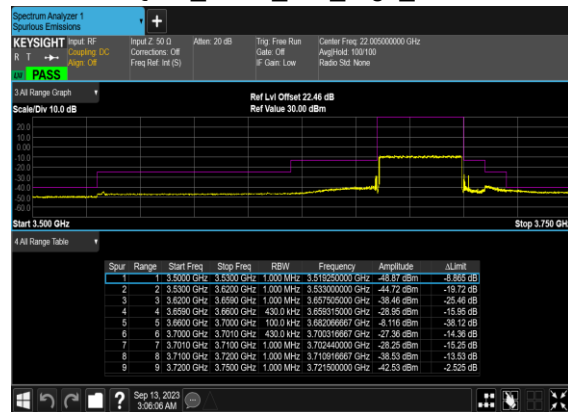
N48(40M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N48(40M)_CP- OFDM_QPSK_Outer_Full_High_CH



N48(40M)_CP-OFDM_16 QAM_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

SA n48 / 40MHz / QPSK / ANT8								
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)
Lowest	7164	-55.76	-40	-15.76	-67.22	2.84	14.30	H
	10740	-43.09	-40	-3.09	-53.03	3.49	13.43	H
	14328	-43.61	-40	-3.61	-53.85	3.85	14.09	H
	7164	-56.86	-40	-16.86	-68.32	2.84	14.30	V
	10740	-46.24	-40	-6.24	-56.18	3.49	13.43	V
	14328	-43.51	-40	-3.51	-53.75	3.85	14.09	V
Middle	7212	-56.21	-40	-16.21	-67.67	2.84	14.30	H
	10824	-45.09	-40	-5.09	-55.03	3.49	13.43	H
	14424	-44.25	-40	-4.25	-54.49	3.85	14.09	H
	7212	-56.64	-40	-16.64	-68.10	2.84	14.30	V
	10824	-43.63	-40	-3.63	-53.57	3.49	13.43	V
	14424	-43.94	-40	-3.94	-54.18	3.85	14.09	V
Highest	7260	-57.15	-40	-17.15	-68.61	2.84	14.30	H
	10896	-44.84	-40	-4.84	-54.78	3.49	13.43	H
	14532	-44.06	-40	-4.06	-54.30	3.85	14.09	H
	7260	-57.41	-40	-17.41	-68.87	2.84	14.30	V
	10896	-45.54	-40	-5.54	-55.48	3.49	13.43	V
	14532	-43.61	-40	-3.61	-53.85	3.85	14.09	V

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



SA n48 UL MIMO / 40MHz / QPSK / ANT8+5								
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)
Lowest	7164	-57.49	-40	-17.49	-68.95	2.84	14.30	H
	10752	-53.04	-40	-13.04	-62.98	3.49	13.43	H
	14328	-43.82	-40	-3.82	-54.06	3.85	14.09	H
	7164	-57.02	-40	-17.02	-68.48	2.84	14.30	V
	10752	-52.35	-40	-12.35	-62.29	3.49	13.43	V
	14328	-43.48	-40	-3.48	-53.72	3.85	14.09	V
Middle	7212	-57.83	-40	-17.83	-69.29	2.84	14.30	H
	10824	-52.11	-40	-12.11	-62.05	3.49	13.43	H
	14424	-43.80	-40	-3.80	-54.04	3.85	14.09	H
	7212	-57.94	-40	-17.94	-69.40	2.84	14.30	V
	10824	-50.18	-40	-10.18	-60.12	3.49	13.43	V
	14424	-43.97	-40	-3.97	-54.21	3.85	14.09	V
Highest	7260	-57.55	-40	-17.55	-69.01	2.84	14.30	H
	10896	-52.25	-40	-12.25	-62.19	3.49	13.43	H
	14532	-43.85	-40	-3.85	-54.09	3.85	14.09	H
	7260	-57.74	-40	-17.74	-69.20	2.84	14.30	V
	10896	-52.27	-40	-12.27	-62.21	3.49	13.43	V
	14532	-43.60	-40	-3.60	-53.84	3.85	14.09	V

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