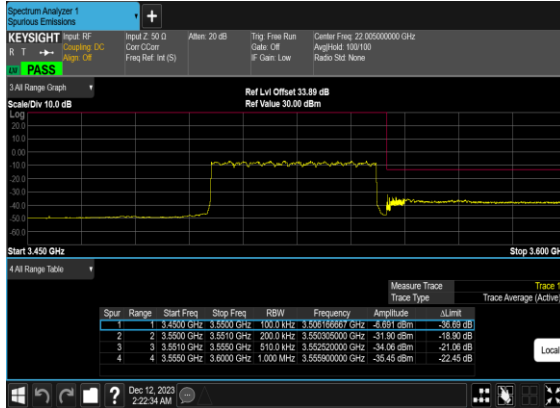
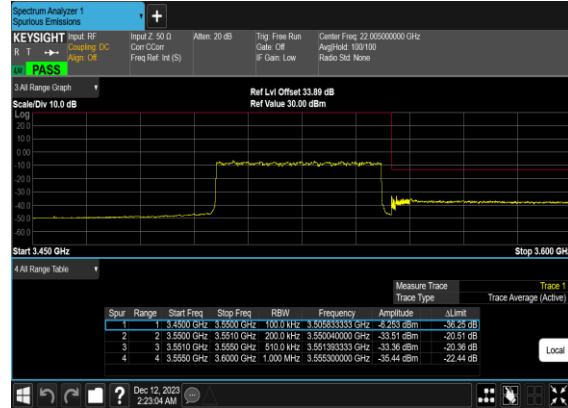


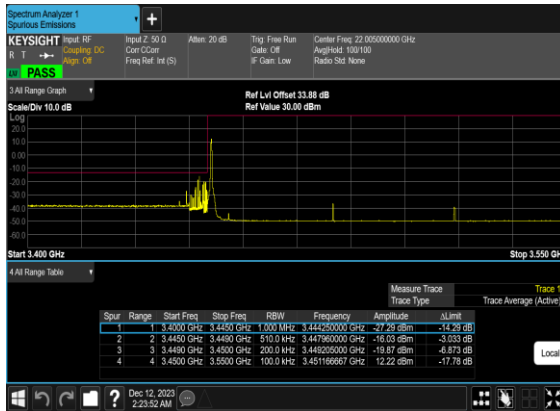
N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



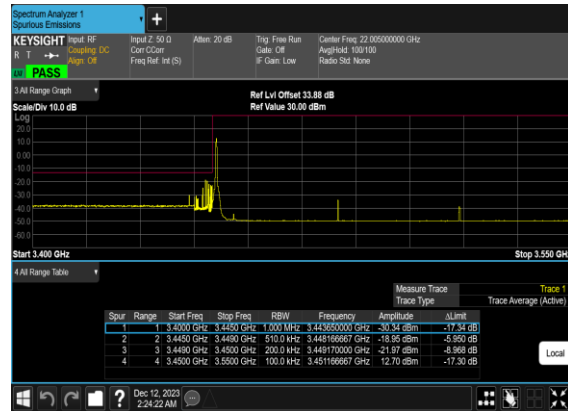
N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



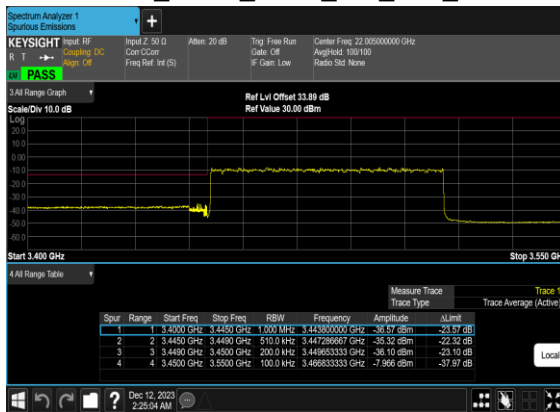
N78(70M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



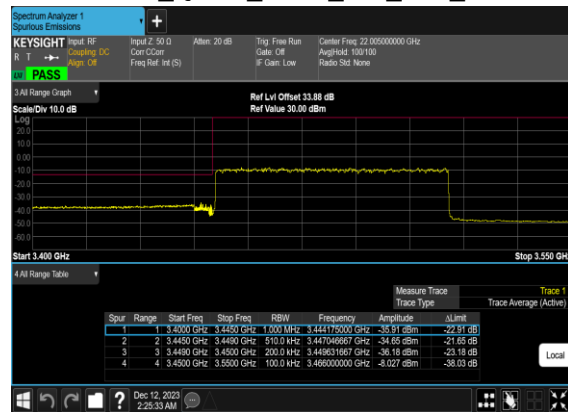
N78(70M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



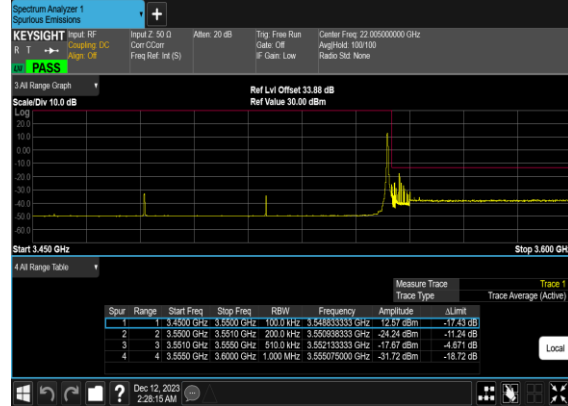
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OFDM_QPSK_Outer_Full_Low_CH



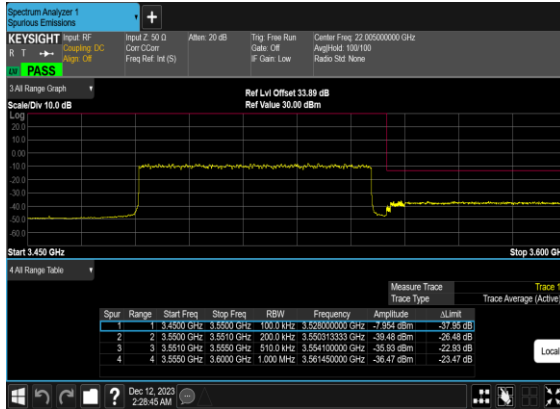
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OFDM_BPSK_Edge_1RB_Right_High_CH



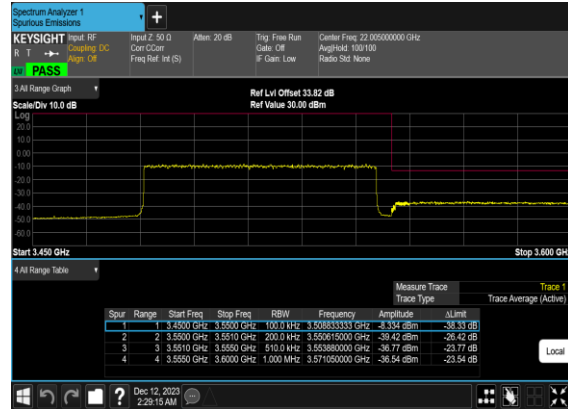
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OFDM_QPSK_Edge_1RB_Right_High_CH



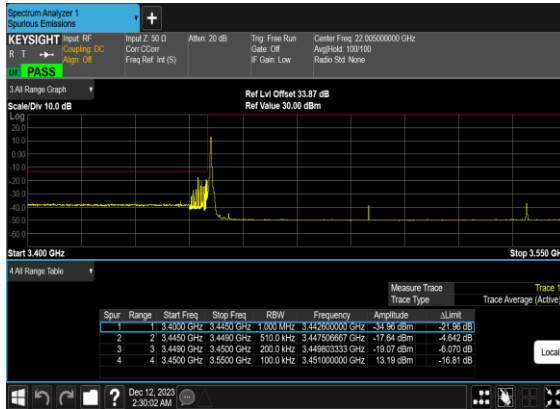
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OFDM_BPSK_Outer_Full_High_CH



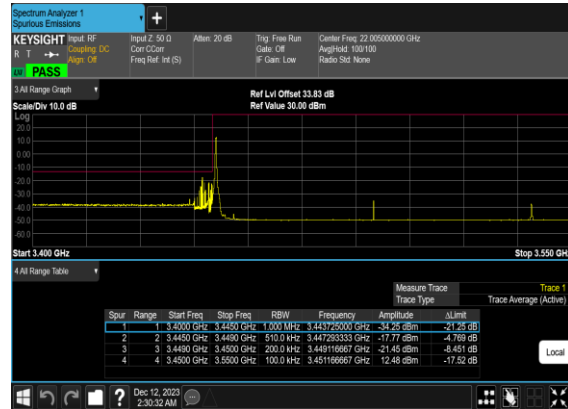
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OFDM_QPSK_Outer_Full_High_CH



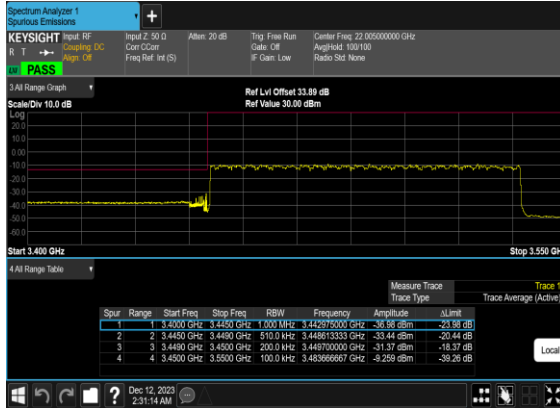
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OFDM_BPSK_Edge_1RB_Left_Low_CH



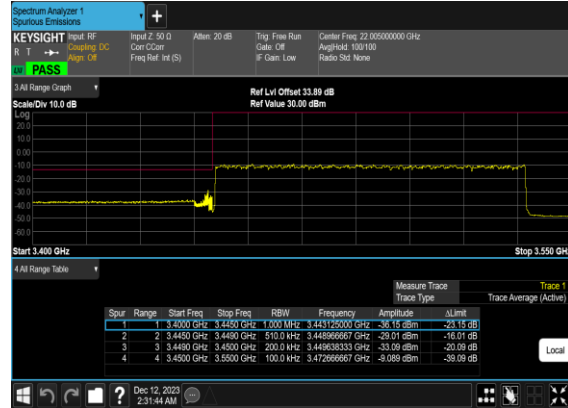
N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



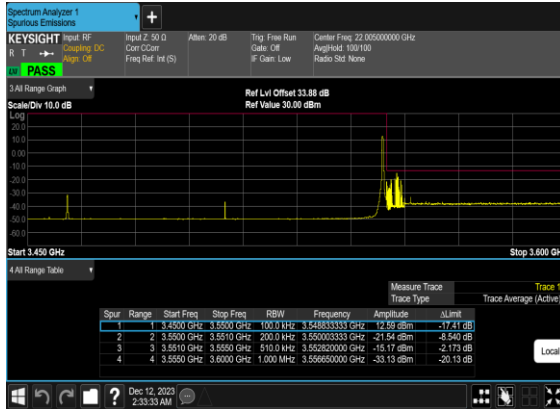
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OFDM_BPSK_Outer_Full_Low_CH



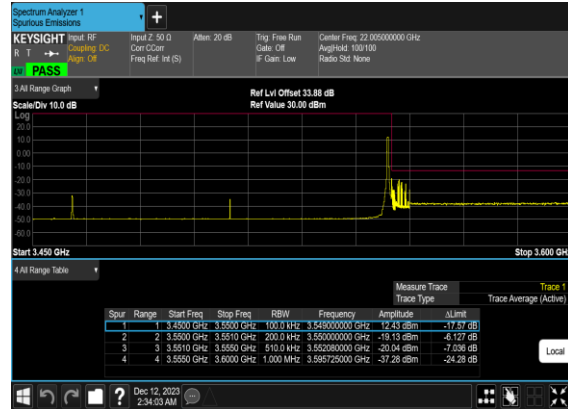
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OFDM_QPSK_Outer_Full_Low_CH



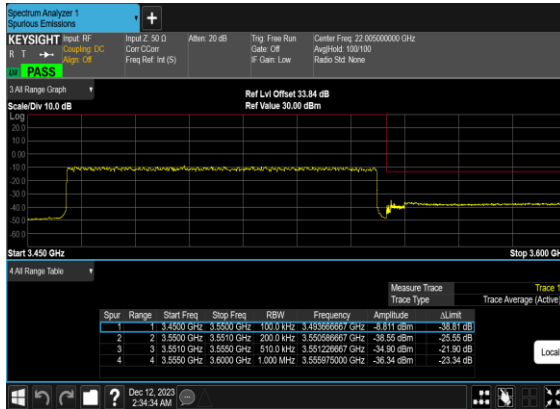
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OFDM_BPSK_Edge_1RB_Right_High_CH



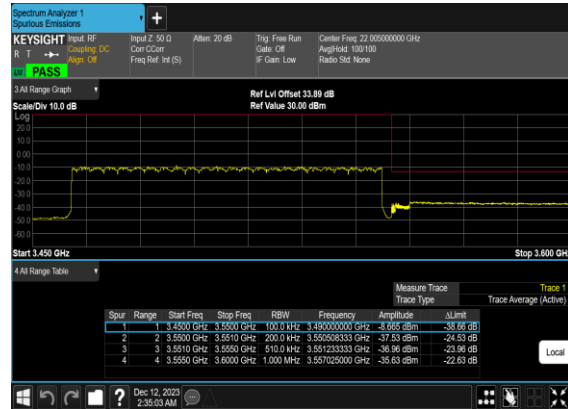
N78(90M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(90M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N78(90M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N78 MIMO-ANT5+8

Transmitter Conducted Output Power And EIRP,(G_T - L_C)=2.62dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT8 Power (dBm)	ANT5 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP(W)
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	21.75	20.95	24.38	27.00	0.5010
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.93	20.59	23.77	26.39	0.4359
78	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	19.26	18.77	22.03	24.65	0.2919
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	21.66	20.6	24.17	26.79	0.4778
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.95	20.26	23.63	26.25	0.4216
78	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	19.29	18.56	21.95	24.57	0.2865
78	30	20	636000	3540	CP-OFDM QPSK	1@1	21.69	20.81	24.28	26.90	0.4901
78	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.97	20.52	23.76	26.38	0.4346
78	30	20	636000	3540	CP-OFDM 64 QAM	1@1	19.35	18.8	22.09	24.71	0.2961
78	30	30	631000	3465	CP-OFDM QPSK	1@1	21.82	21.04	24.46	27.08	0.5102
78	30	30	631000	3465	CP-OFDM 16 QAM	1@1	21.07	20.68	23.89	26.51	0.4477
78	30	30	631000	3465	CP-OFDM 64 QAM	1@1	19.44	19	22.24	24.86	0.3059
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.8	20.75	24.32	26.94	0.4940
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	21.09	20.49	23.81	26.43	0.4396
78	30	30	633334	3500.01	CP-OFDM 64 QAM	1@1	19.43	18.81	22.14	24.76	0.2993
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	21.81	20.84	24.36	26.98	0.4992
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	21.14	20.49	23.84	26.46	0.4423
78	30	30	635666	3534.99	CP-OFDM 64 QAM	1@1	19.53	18.84	22.21	24.83	0.3040
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	21.71	20.8	24.29	26.91	0.4908
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	21.16	20.76	23.97	26.59	0.4566
78	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	19.46	19.05	22.27	24.89	0.3083
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	21.85	21.01	24.46	27.08	0.5106
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	21.13	20.7	23.93	26.55	0.4519
78	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	19.45	18.96	22.22	24.84	0.3049
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	21.92	20.75	24.38	27.00	0.5017
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	21.2	20.48	23.87	26.49	0.4452
78	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	19.54	18.67	22.14	24.76	0.2990
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.5	20.67	24.12	26.74	0.4715
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.7	20.33	23.53	26.15	0.4120
78	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	19.14	18.69	21.93	24.55	0.2852

78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.43	20.65	24.07	26.69	0.4664
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.73	20.3	23.53	26.15	0.4122
78	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	19.11	18.63	21.89	24.51	0.2823
78	30	50	635000	3525	CP-OFDM QPSK	1@1	21.6	20.33	24.02	26.64	0.4615
78	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.74	19.95	23.37	25.99	0.3975
78	30	50	635000	3525	CP-OFDM 64 QAM	1@1	19.2	18.33	21.80	24.42	0.2765
78	30	60	632000	3480	CP-OFDM QPSK	1@1	21.6	20.72	24.19	26.81	0.4800
78	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.91	20.4	23.67	26.29	0.4259
78	30	60	632000	3480	CP-OFDM 64 QAM	1@1	19.24	18.63	21.96	24.58	0.2868
78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	21.6	20.73	24.20	26.82	0.4805
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.83	20.3	23.58	26.20	0.4172
78	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	19.2	18.65	21.94	24.56	0.2860
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.64	20.49	24.11	26.73	0.4713
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.83	20.19	23.53	26.15	0.4123
78	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	19.22	18.47	21.87	24.49	0.2813
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	21.57	20.77	24.20	26.82	0.4807
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.85	20.4	23.64	26.26	0.4228
78	30	70	632334	3485.01	CP-OFDM 64 QAM	1@1	19.24	18.77	22.02	24.64	0.2912
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21.64	20.71	24.21	26.83	0.4820
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.85	20.25	23.57	26.19	0.4160
78	30	70	633334	3500.01	CP-OFDM 64 QAM	1@1	19.25	18.62	21.96	24.58	0.2869
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.61	20.76	24.22	26.84	0.4826
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.85	20.4	23.64	26.26	0.4228
78	30	70	634332	3514.98	CP-OFDM 64 QAM	1@1	19.25	18.6	21.95	24.57	0.2862
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.62	20.75	24.22	26.84	0.4827
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.89	20.46	23.69	26.31	0.4276
78	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	19.21	18.8	22.02	24.64	0.2911
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21.55	20.72	24.17	26.79	0.4770
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.81	20.37	23.61	26.23	0.4194
78	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	19.2	18.63	21.93	24.55	0.2854
78	30	80	634000	3510	CP-OFDM QPSK	1@1	21.5	20.73	24.14	26.76	0.4745
78	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.8	20.44	23.63	26.25	0.4221
78	30	80	634000	3510	CP-OFDM 64 QAM	1@1	19.17	18.72	21.96	24.58	0.2872
78	30	90	633000	3495	CP-OFDM QPSK	1@1	21.53	20.74	24.16	26.78	0.4768
78	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.79	20.42	23.62	26.24	0.4207
78	30	90	633000	3495	CP-OFDM 64 QAM	1@1	19.2	18.66	21.95	24.57	0.2863
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.58	20.78	24.21	26.83	0.4818

78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.74	20.29	23.53	26.15	0.4122
78	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	19.09	18.61	21.87	24.49	0.2810
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.59	20.76	24.21	26.83	0.4814
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.88	20.31	23.61	26.23	0.4202
78	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	19.15	18.66	21.92	24.54	0.2846
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.75	20.85	24.33	26.95	0.4959
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.9	21.07	24.52	27.14	0.5170
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.63	20.72	24.21	26.83	0.4818
78	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	20.78	19.94	23.39	26.01	0.3991
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.73	20.27	23.52	26.14	0.4108
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.51	19.9	23.23	25.85	0.3842
78	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	19.22	18.39	21.84	24.46	0.2789
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	19.06	18.61	21.85	24.47	0.2800
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.89	18.3	21.62	24.24	0.2652
78	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	16.26	15.55	18.93	21.55	0.1429
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	16.45	15.78	19.14	21.76	0.1499
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	16.25	15.42	18.87	21.49	0.1408

FR1 N78 MIMO-ANT5

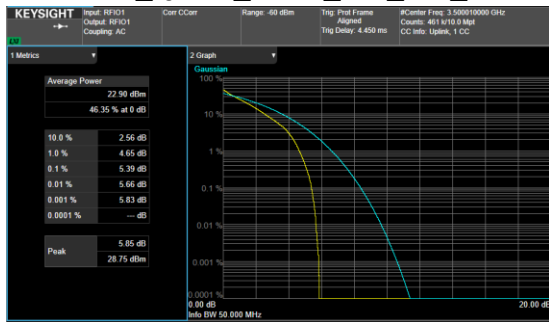
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0016	PASS	NV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0025	PASS	LV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0007	PASS	HV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0018	PASS	-30°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0021	PASS	-20°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0009	PASS	-10°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0014	PASS	0°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0036	PASS	10°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0024	PASS	20°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0016	PASS	30°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0006	PASS	40°C
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0033	PASS	50°C

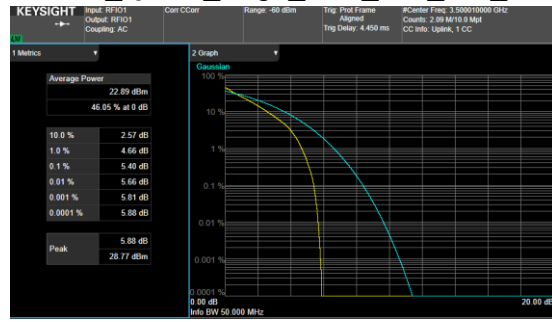
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	5.39	13	PASS
78	30	50	633334	3500.01	CP-OFDM QPSK	1@0	5.4	13	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	6.11	13	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@0	6.12	13	PASS

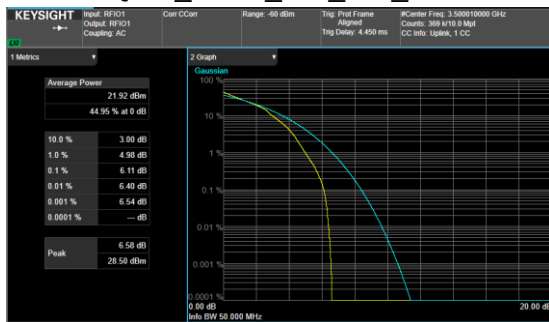
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



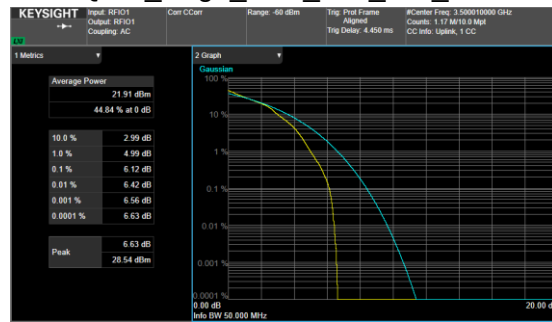
N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



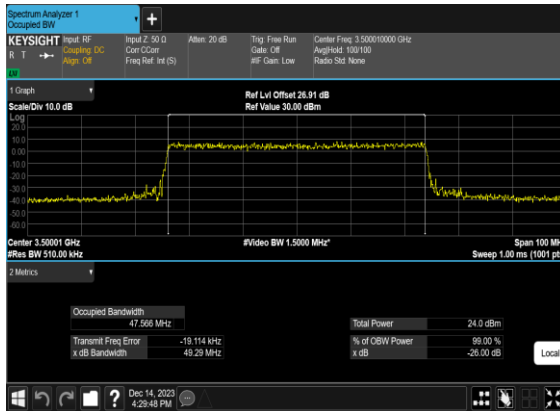
N78(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



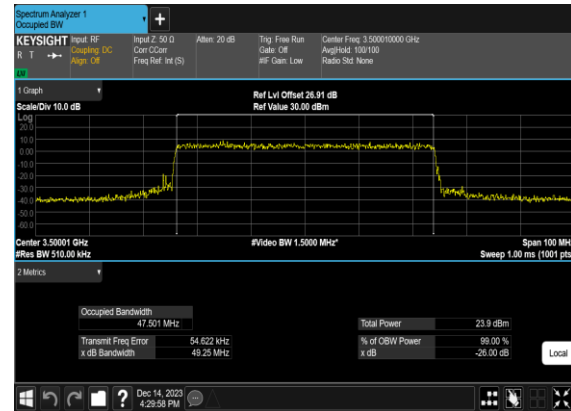
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.566	49.29
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.501	49.25
78	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.526	49.07
78	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.61	49.38
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.222	69.59
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.513	69.58
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.566	69.69
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.553	69.63
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.493	90.3
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.57	90.34
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.539	90.43
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.603	90.71

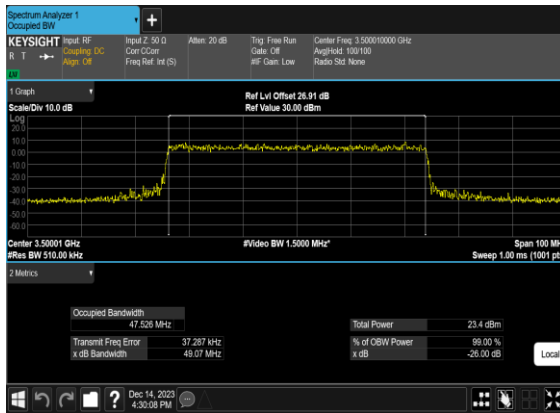
N78(50M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



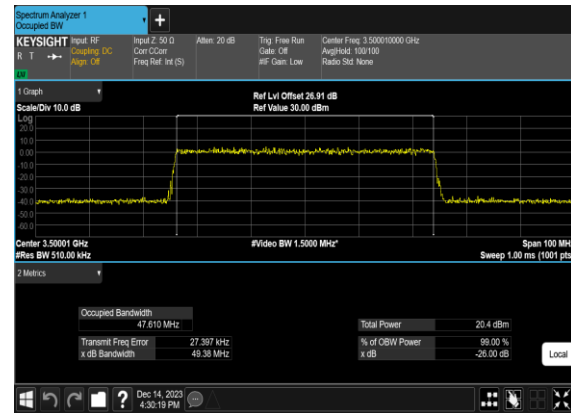
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



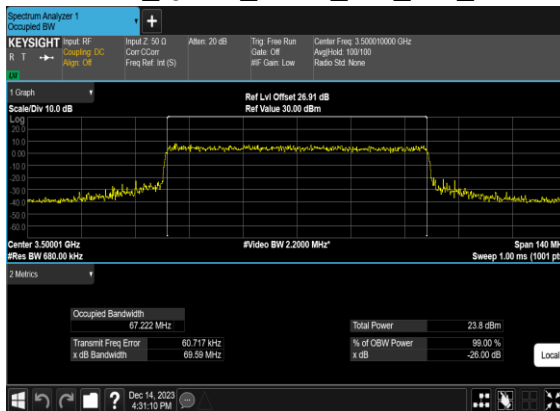
N78(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



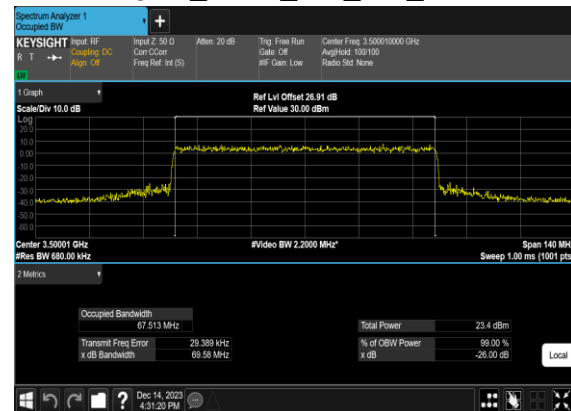
N78(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N78(70M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



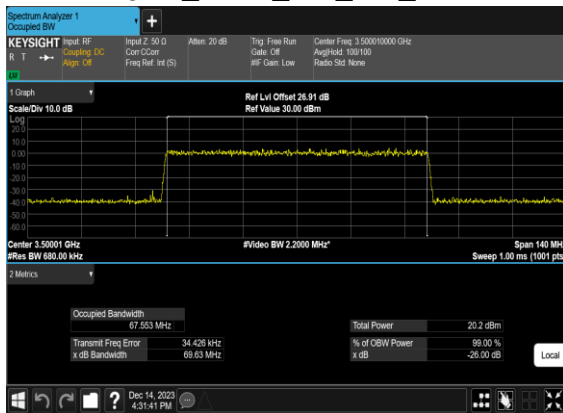
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



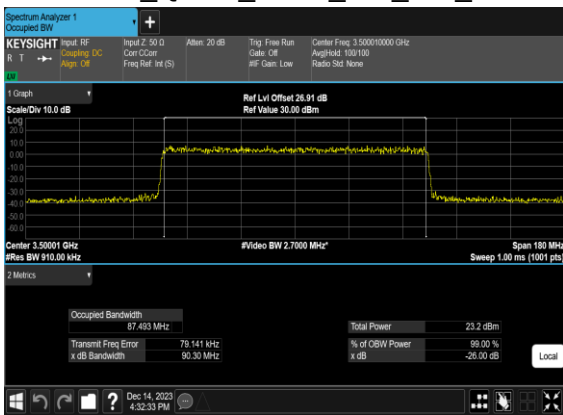
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QAM_Outer_Full_Mid_CH



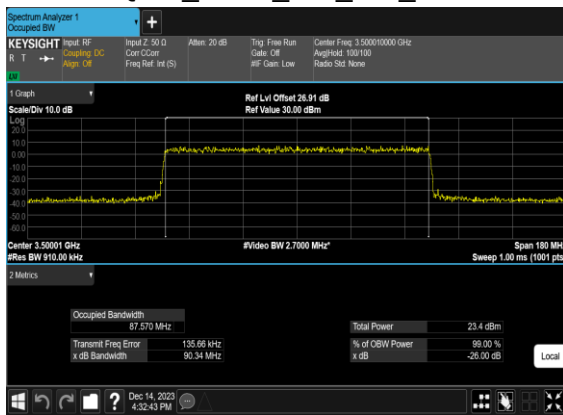
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QAM_Outer_Full_Mid_CH



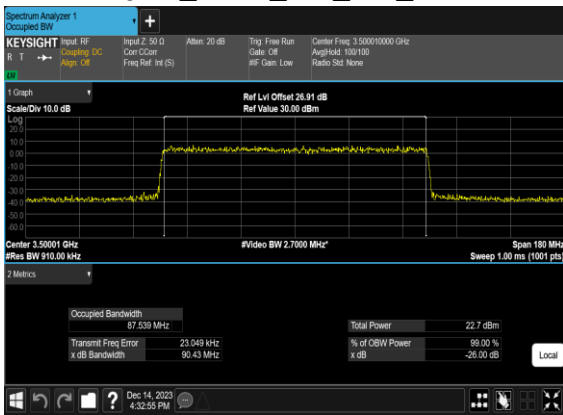
N78(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



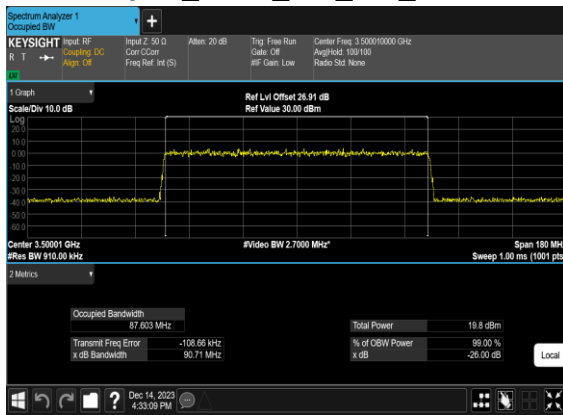
N78(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



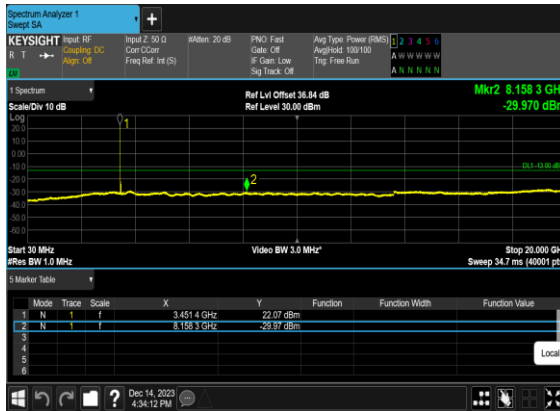
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	---
78	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
78	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	---
78	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	1@0	see graph	---
78	30	70	632334	3485.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@0	see graph	PASS

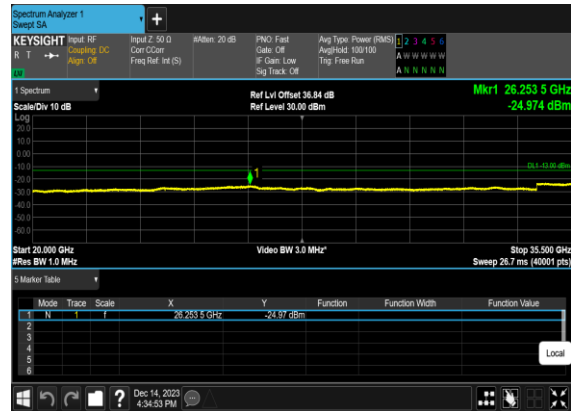
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
78	30	70	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	1@0	see graph	---
78	30	70	634332	3514.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@0	see graph	---
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	---
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	633000	3495.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
78	30	90	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	PASS

78	30	90	633666	3504.99	CP-OFDM QPSK	1@0	see graph	---
78	30	90	633666	3504.99	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@0	see graph	---
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@0	see graph	PASS

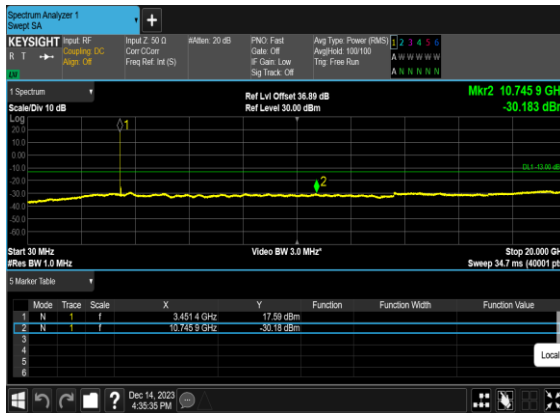
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



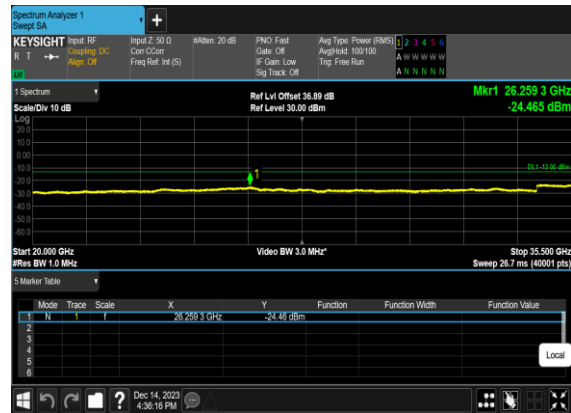
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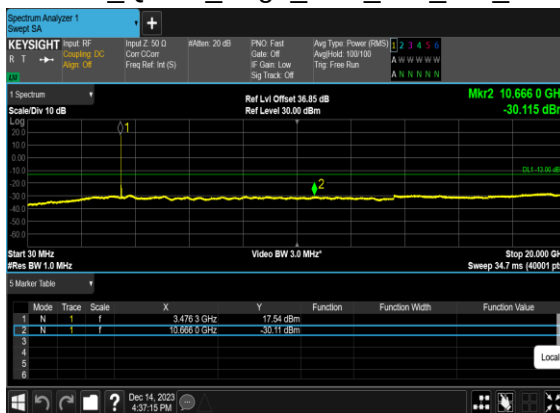
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



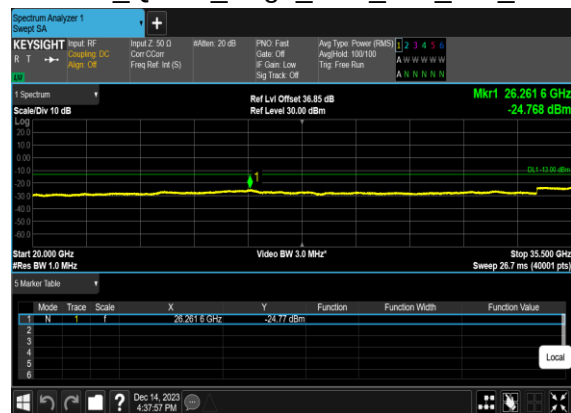
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



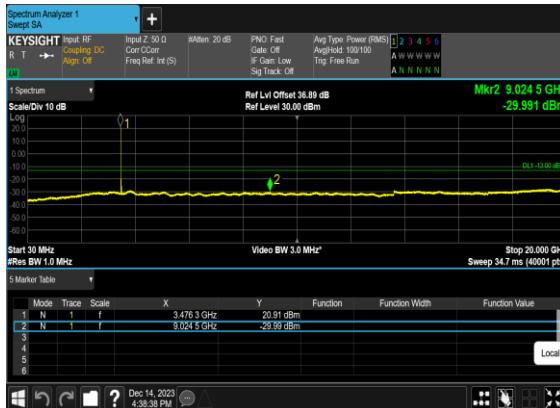
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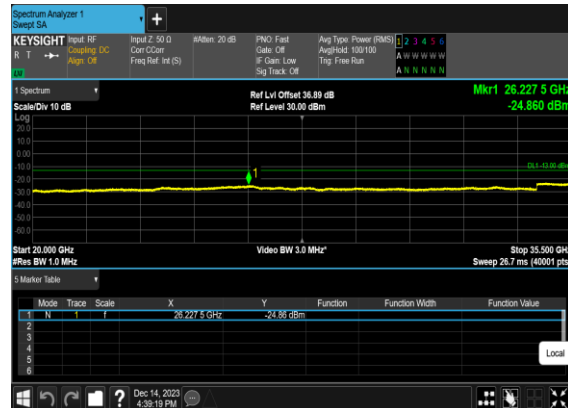
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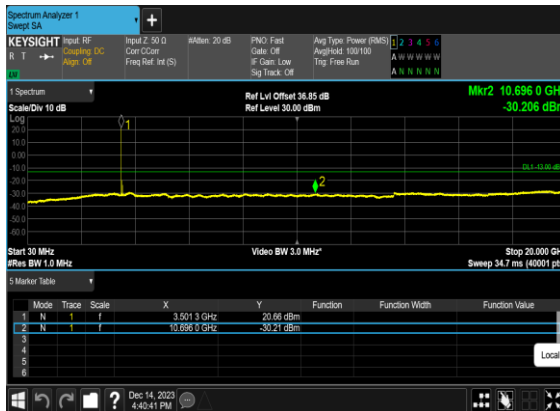
N78(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



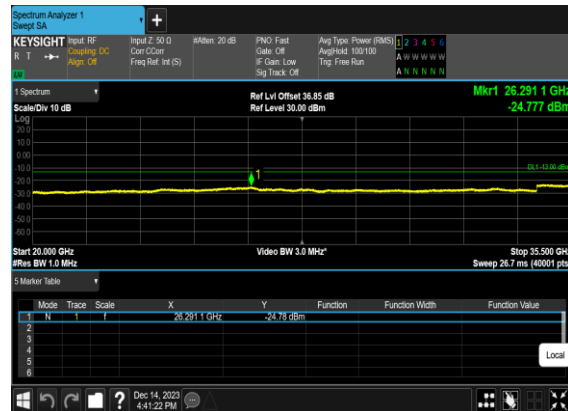
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QAM_Edge_1RB_Left_Mid_CH



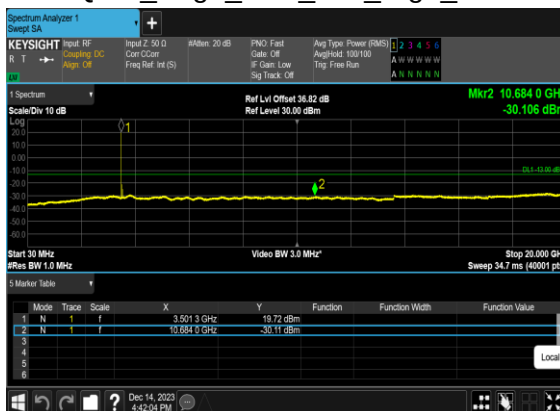
N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



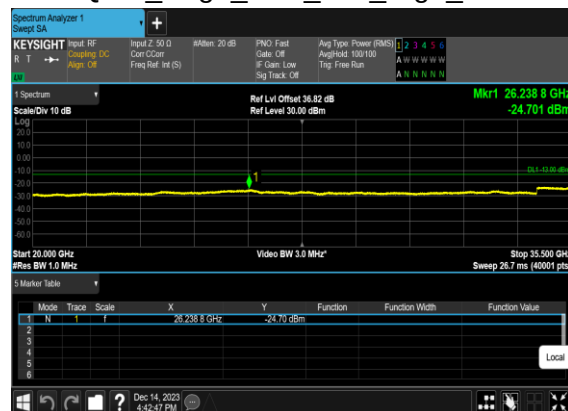
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OFDM_QPSK_Edge_1RB_Left_High_CH



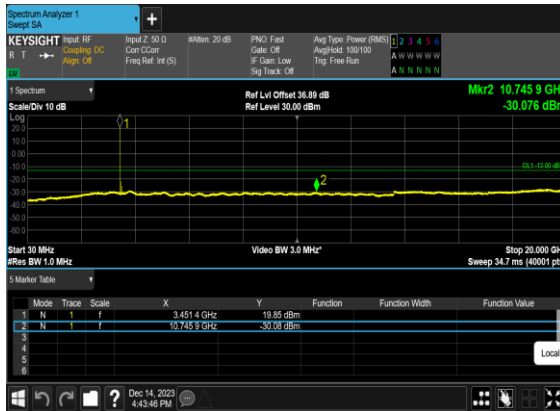
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QAM_Edge_1RB_Left_High_CH



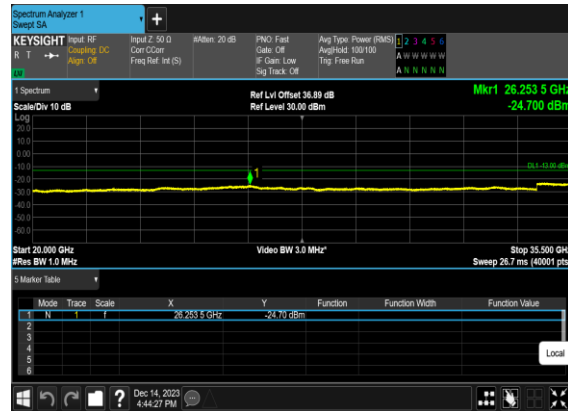
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QAM_Edge_1RB_Left_High_CH



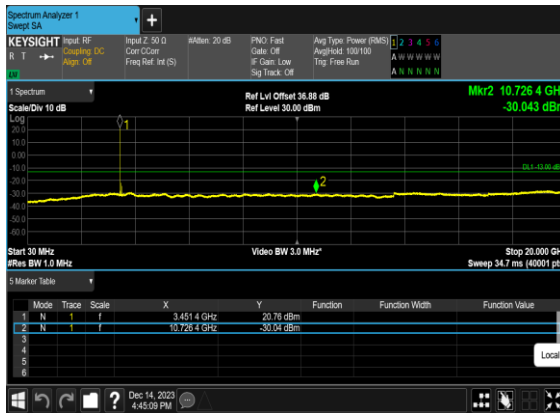
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OFDM_QPSK_Edge_1RB_Left_Low_CH



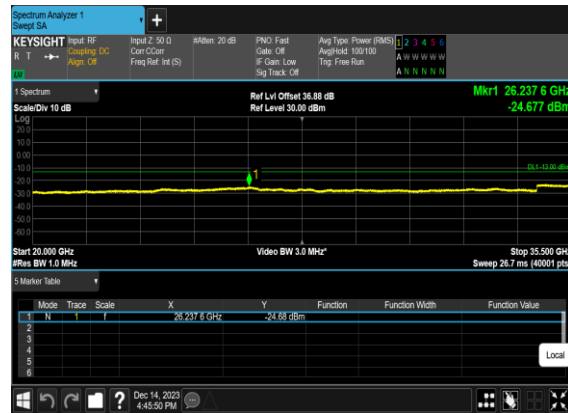
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OFDM_QPSK_Edge_1RB_Left_Low_CH



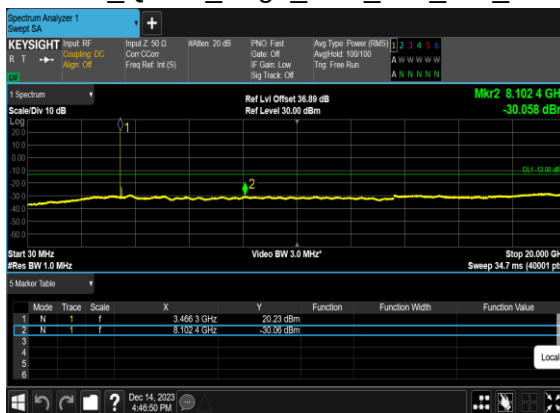
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QAM_Edge_1RB_Left_Low_CH



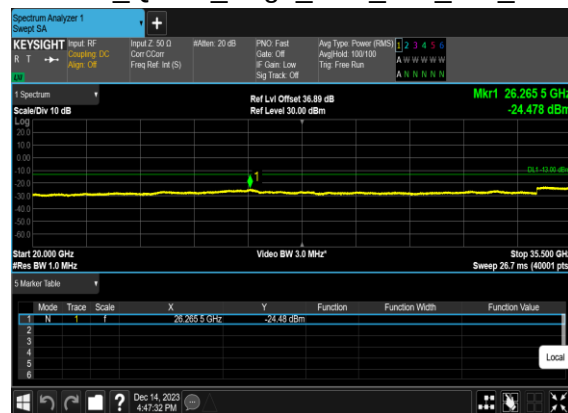
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QAM_Edge_1RB_Left_Low_CH



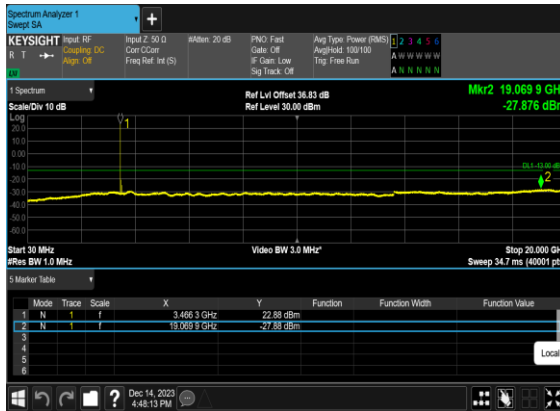
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



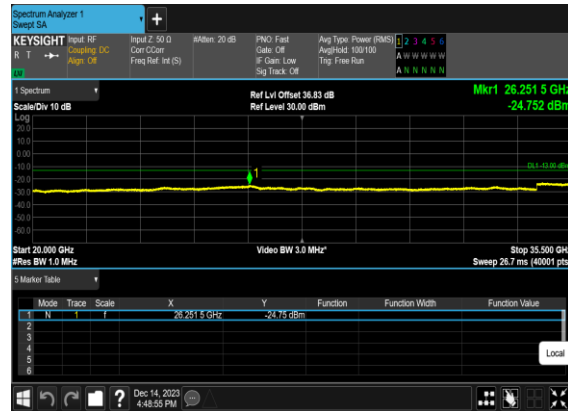
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



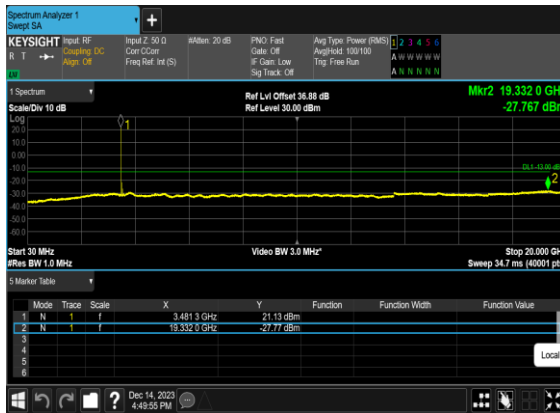
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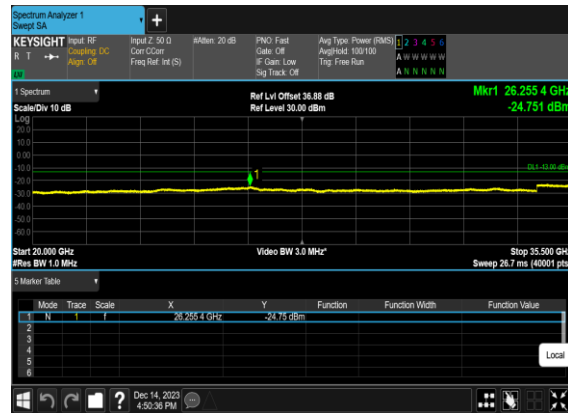
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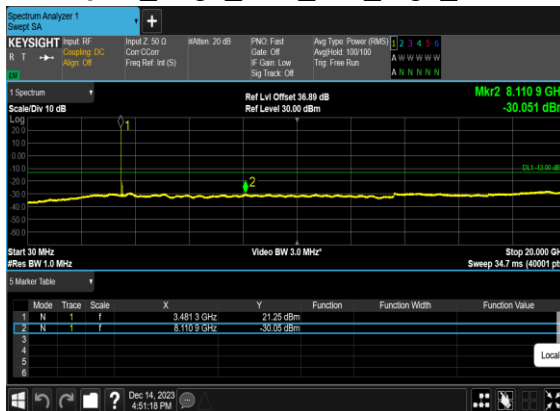
N78(70M)_CP- OFDM_QPSK_Edge_1RB_Left_High_CH



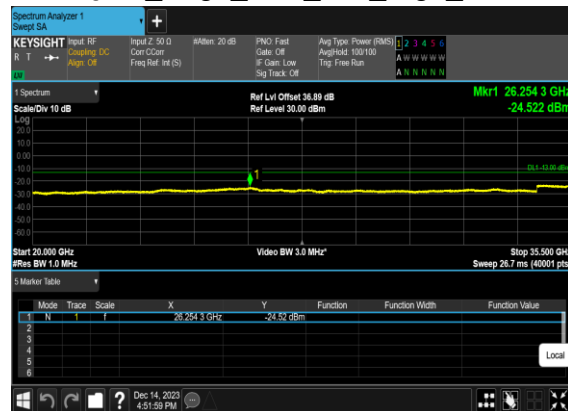
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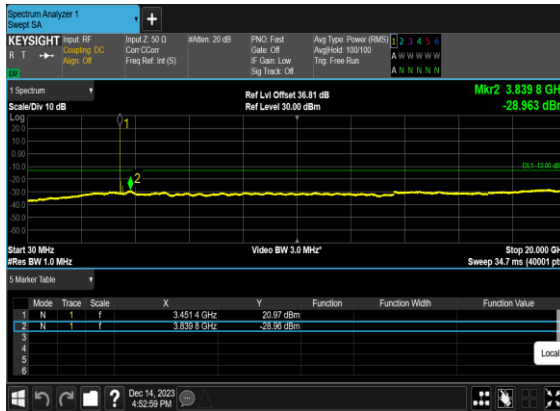
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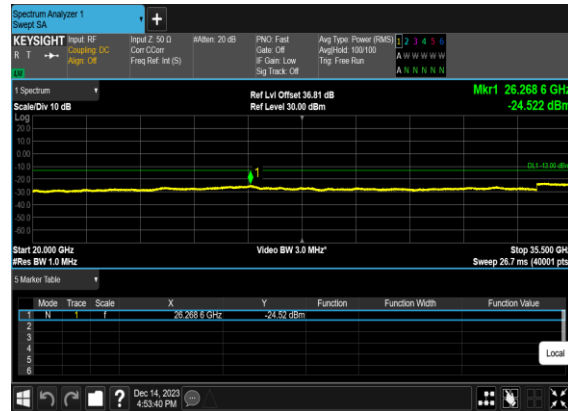
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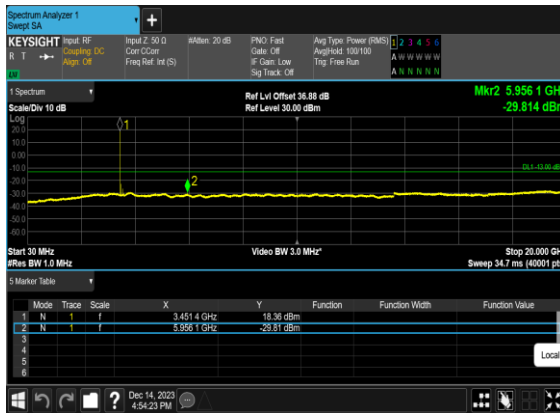
N78(90M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



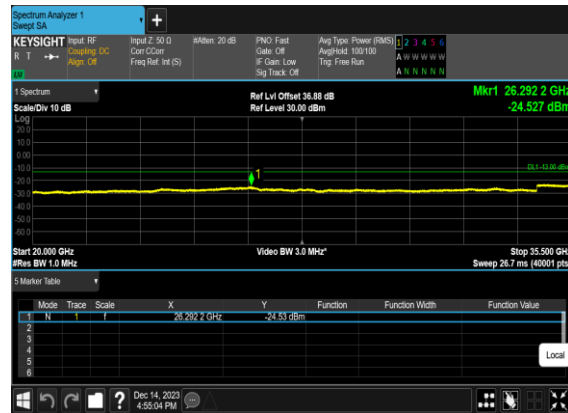
N78(90M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



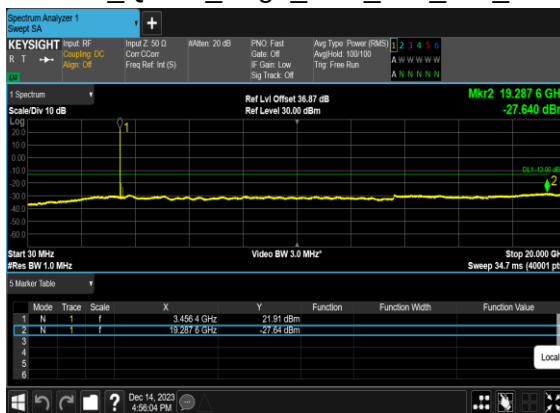
N78(90M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



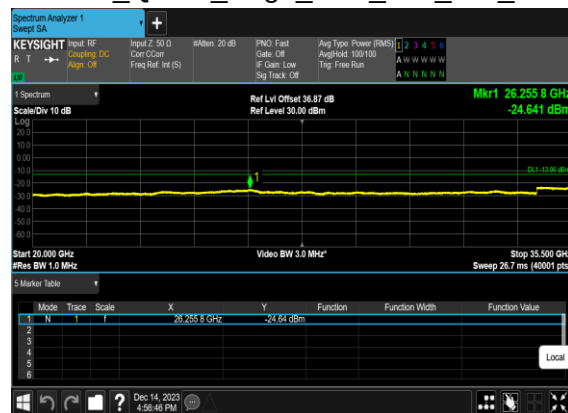
N78(90M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



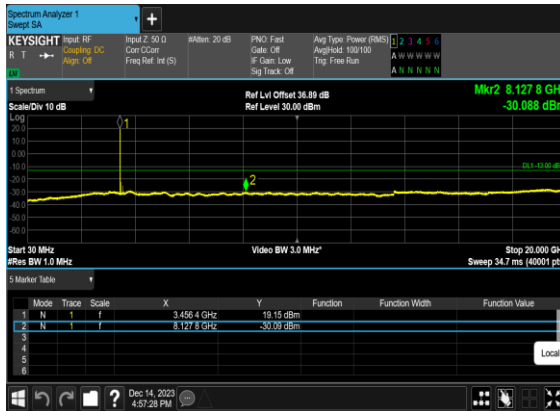
N78(90M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



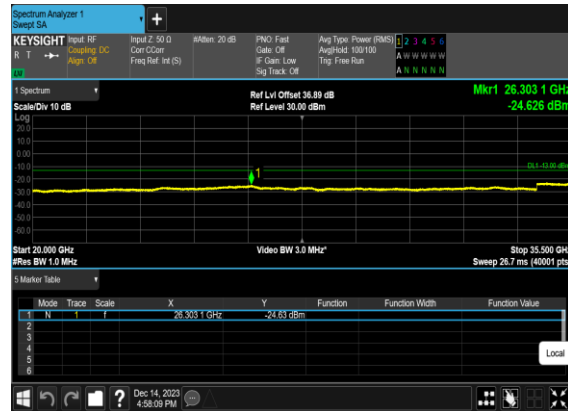
N78(90M)_CP- OFDM_QPSK_Edge_1RB_Left_Mid_CH



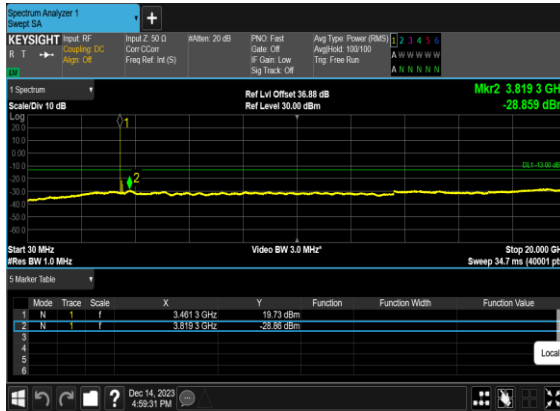
N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



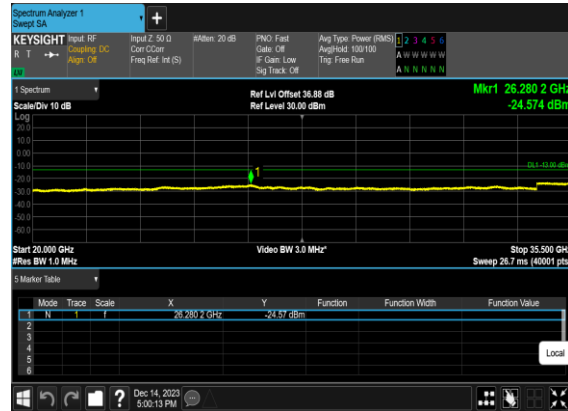
N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



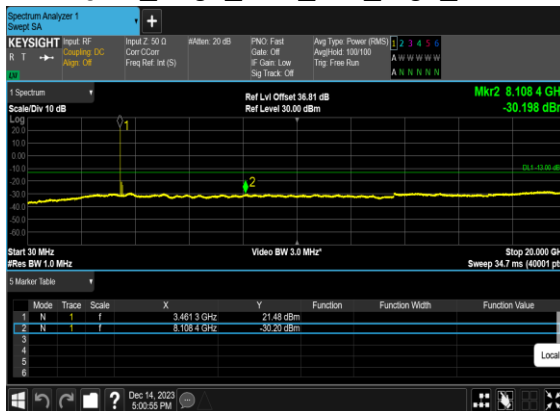
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



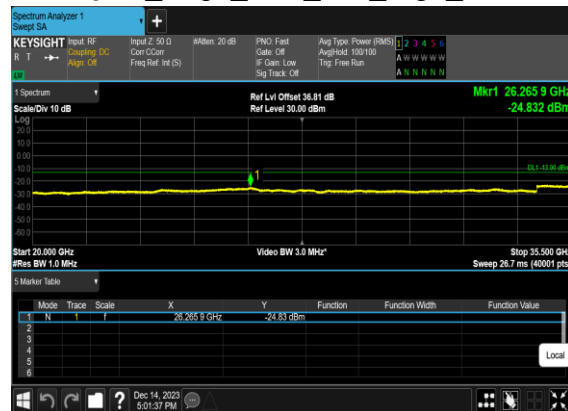
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



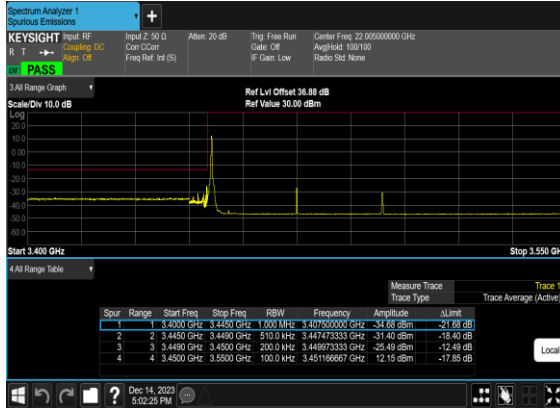
N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_High_CH



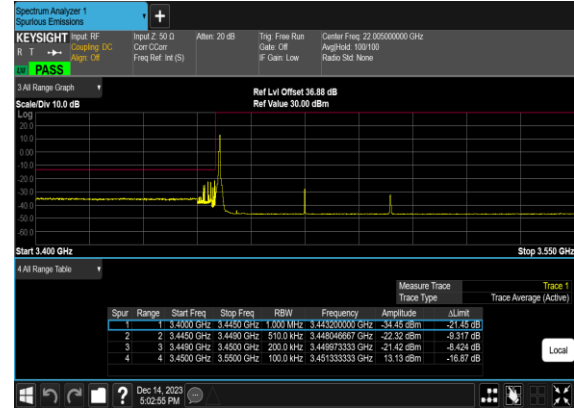
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	631668	3475.02	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	1@132	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	PASS
78	30	50	635000	3525.0	CP-OFDM 16 QAM	133@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	632334	3485.01	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	1@188	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@188	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM QPSK	189@0	see graph	PASS
78	30	70	634332	3514.98	CP-OFDM 16 QAM	189@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	1@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	633000	3495.0	CP-OFDM 16 QAM	245@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@244	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	633666	3504.99	CP-OFDM 16 QAM	245@0	see graph	PASS

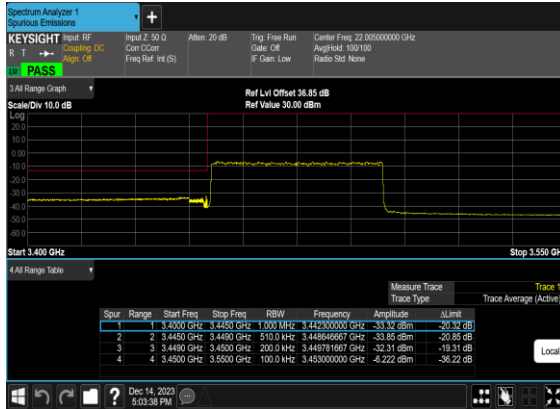
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Left_Low_CH



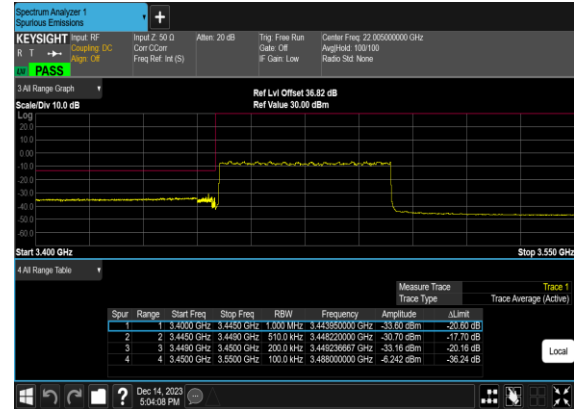
N78(50M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



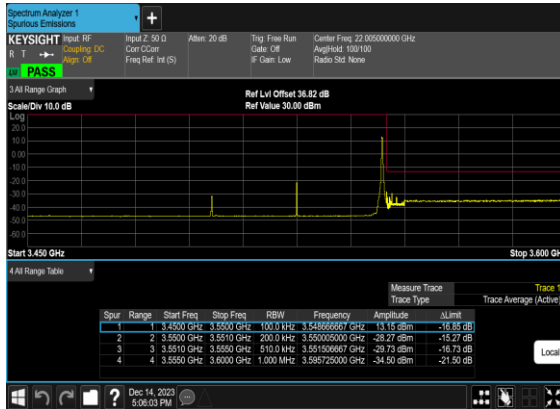
N78(50M)_CP- OFDM_QPSK_Outer_Full_Low_CH



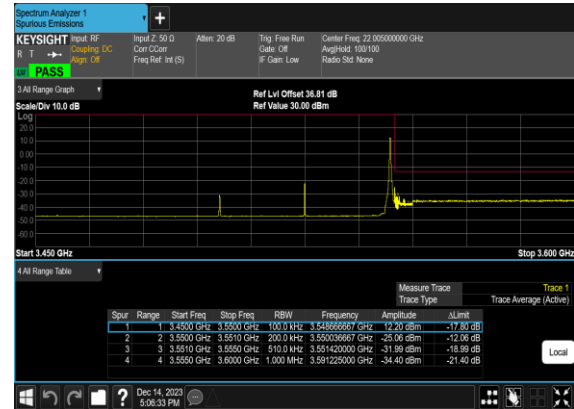
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



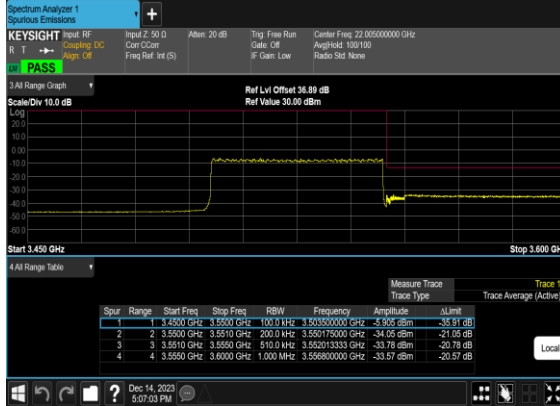
N78(50M)_CP- OFDM_QPSK_Edge_1RB_Right_High_CH



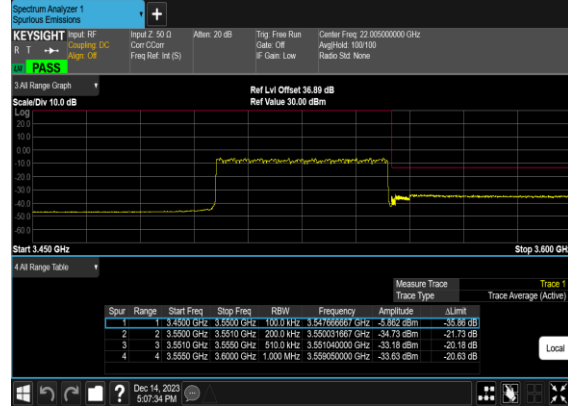
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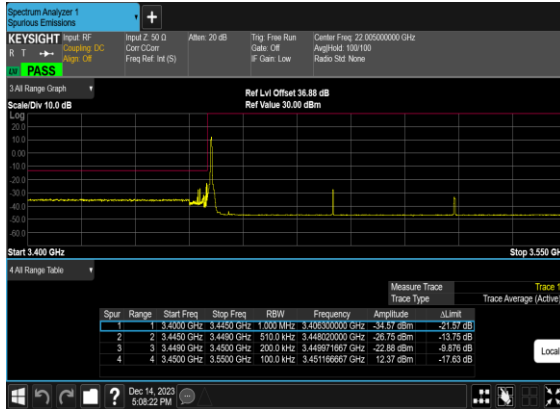
N78(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH



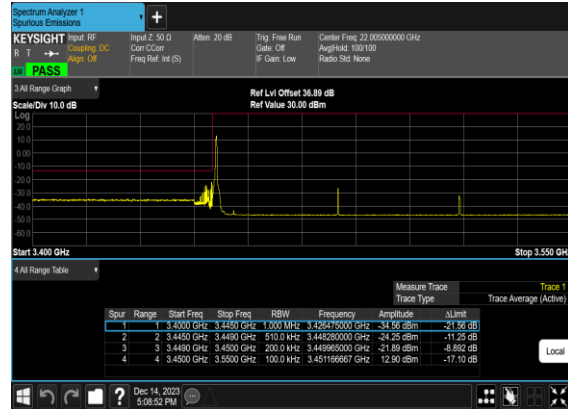
N78(50M)_CP-OFDM_16
QAM_Outer_Full_High_CH



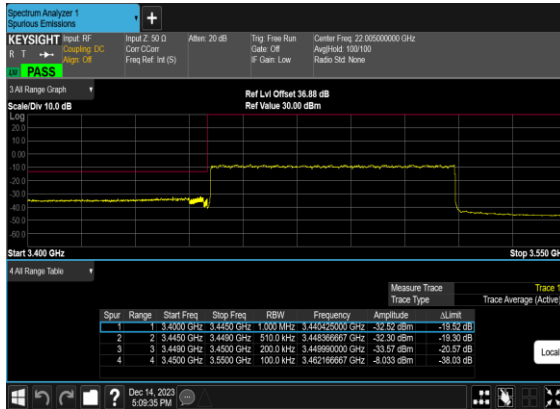
N78(70M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



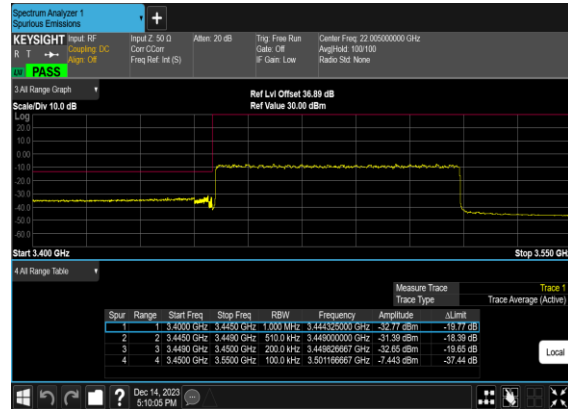
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QAM_Edge_1RB_Left_Low_CH



N78(70M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



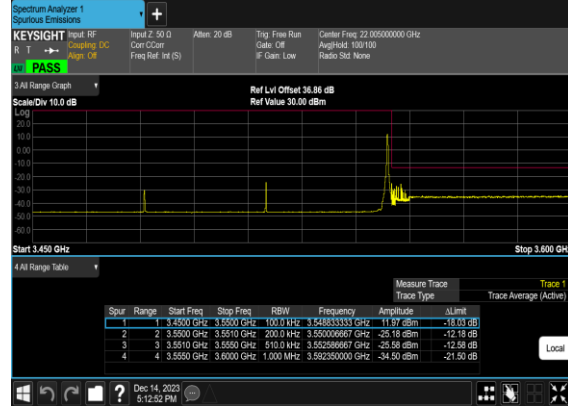
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QAM_Outer_Full_Low_CH



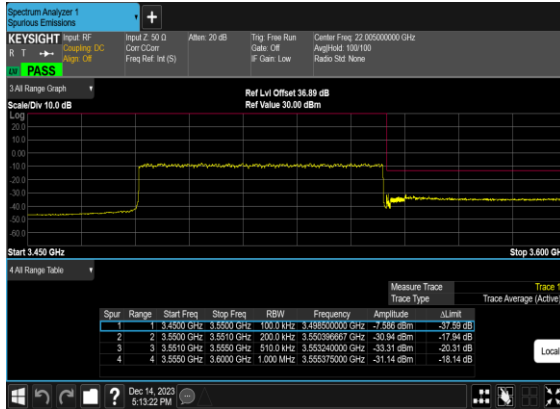
N78(70M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



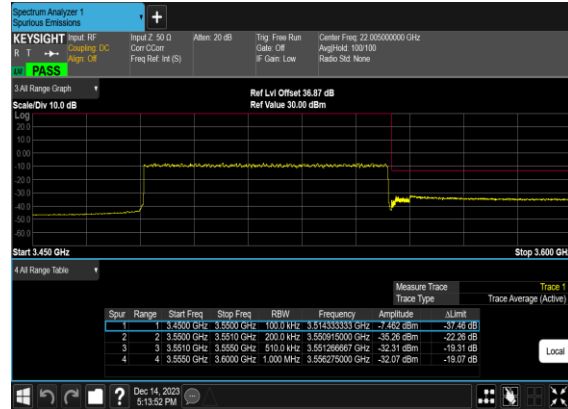
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QAM_Edge_1RB_Right_High_CH



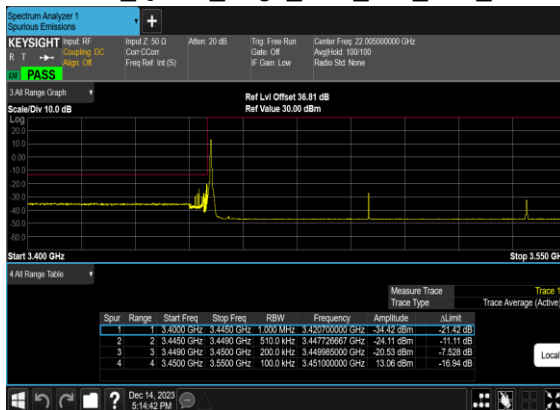
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OFDM_QPSK_Outer_Full_High_CH



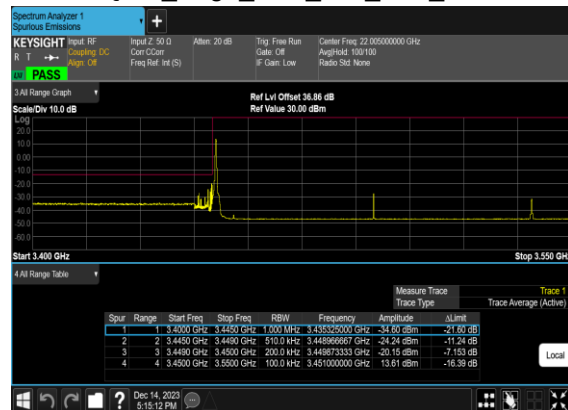
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QAM_Outer_Full_High_CH



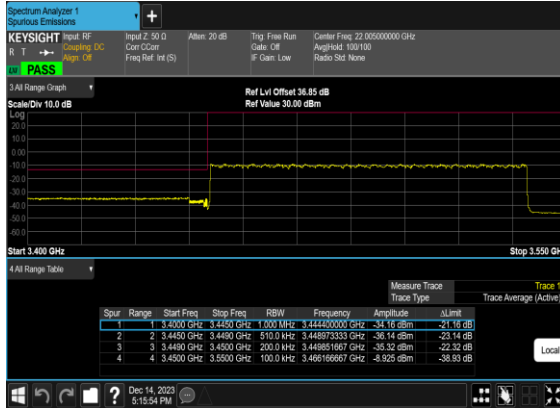
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



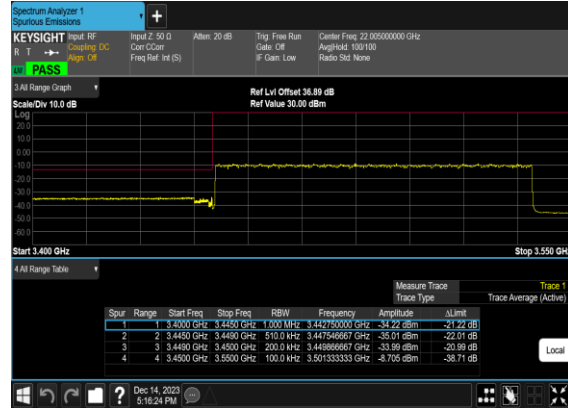
N78(90M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



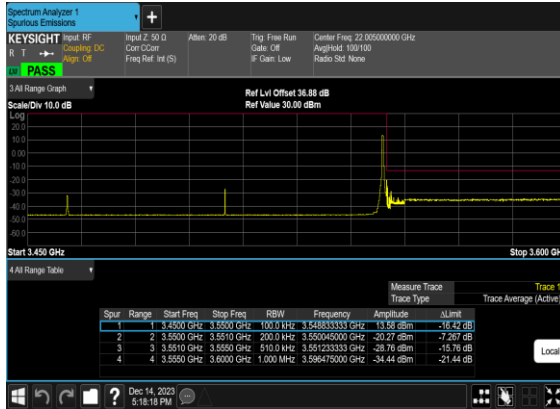
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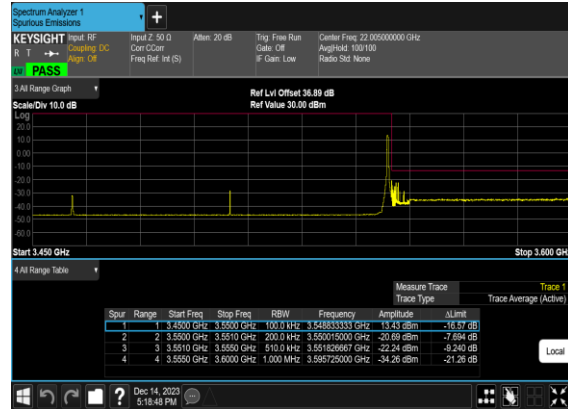
N78(90M)_CP-OFDM_16QAM_Outer_Full_Low_CH



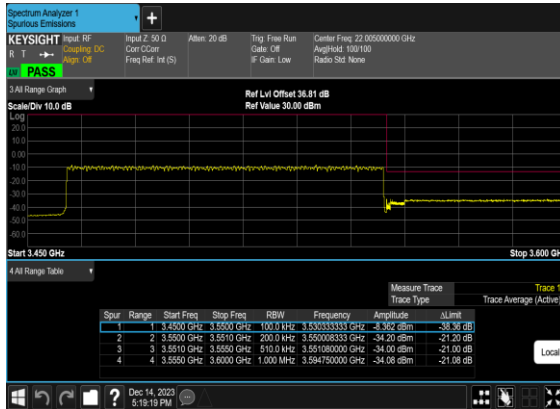
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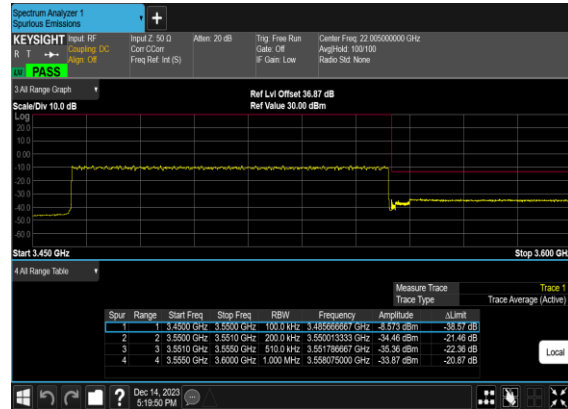
N78(90M)_CP-OFDM_16QAM_Edge_1RB_Right_High_CH



N78(90M)_CP-OFDM_QPSK_Outer_Full_High_CH



N78(90M)_CP-OFDM_16QAM_Outer_Full_High_CH



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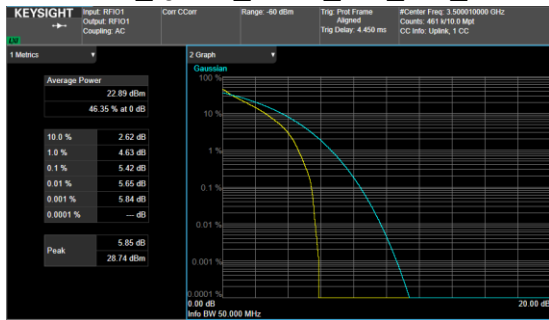
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0021	PASS	NV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0030	PASS	LV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0019	PASS	HV
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0031	PASS	-30℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0042	PASS	-20℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0013	PASS	-10℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	-0.0029	PASS	0℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0011	PASS	10℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0005	PASS	20℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0034	PASS	30℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0019	PASS	40℃
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	0.0028	PASS	50℃

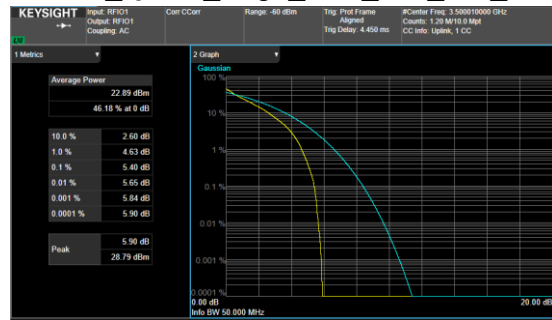
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	5.42	13	PASS
78	30	50	633334	3500.01	CP-OFDM QPSK	1@0	5.40	13	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	6.10	13	PASS
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@0	6.10	13	PASS

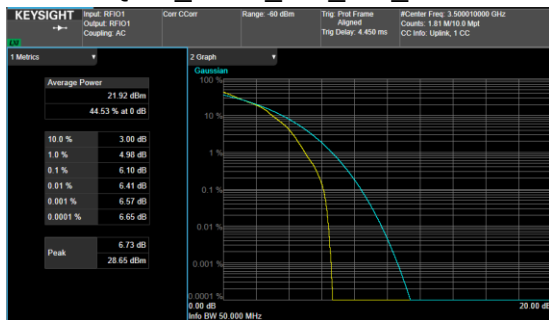
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



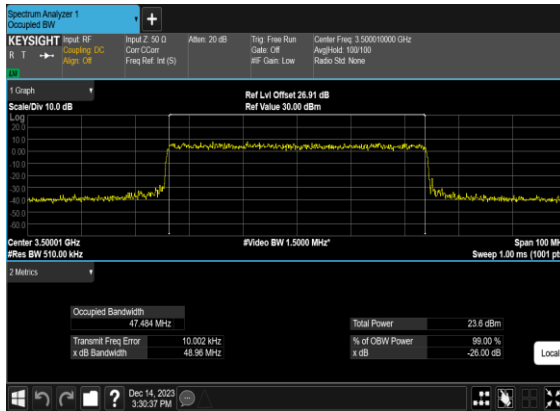
N78(50M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



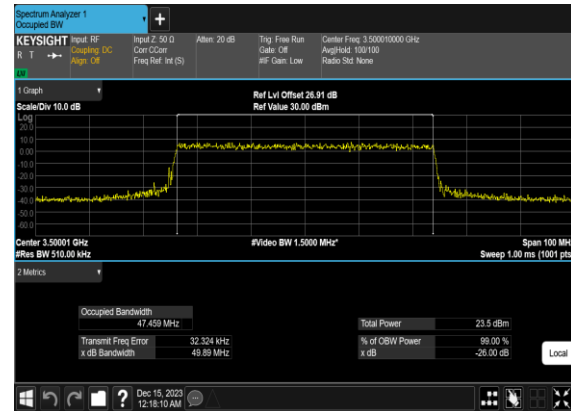
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.484	48.96
78	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.459	49.89
78	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.382	49.51
78	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.478	49.44
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.542	69.82
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.386	69.7
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.257	69.49
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.582	69.76
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.54	90.22
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.491	90.76
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.367	90.35
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.444	90.45

N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



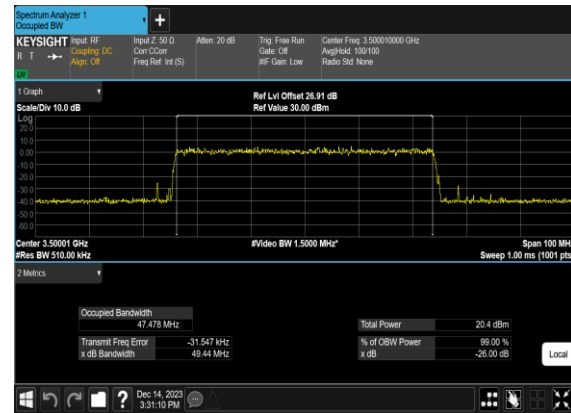
N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



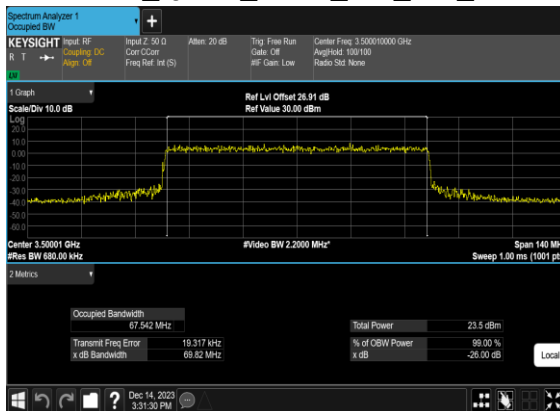
N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N78(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

