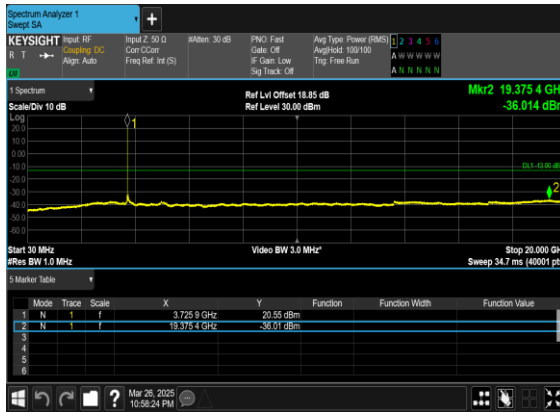
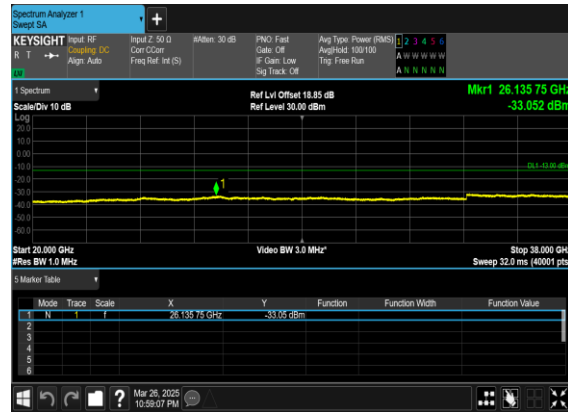




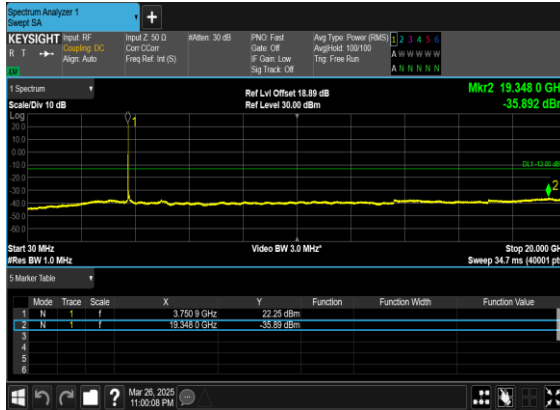
N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

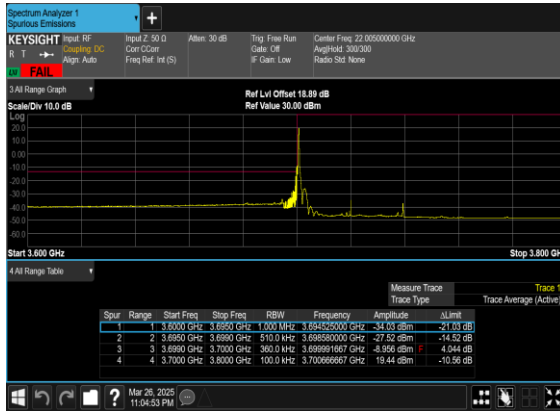


**Conducted Band Edge**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	40	648000	3720.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	648000	3720.0	CP-OFDM QPSK	216@0	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	1@215	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	216@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	270@0	see graph	PASS



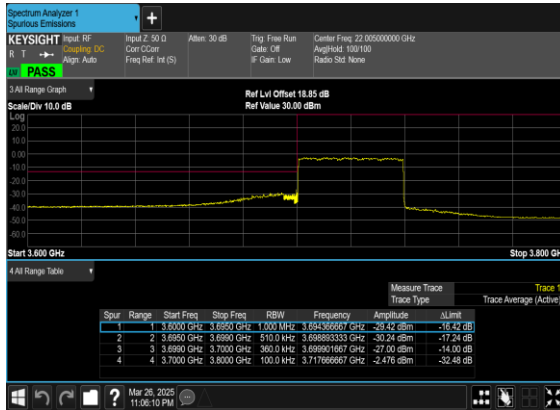
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



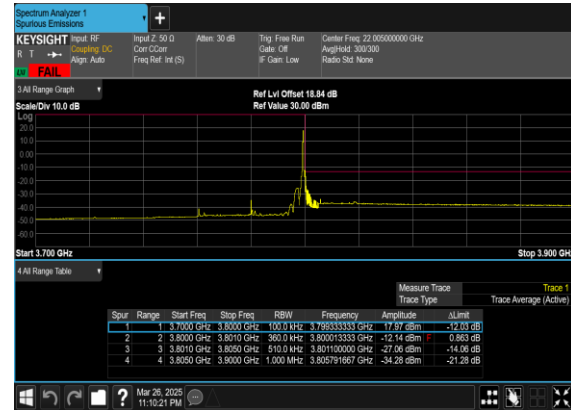
N78(40M)_CP-OFDM_QPSK
Edge_1RB_Left_Low_CH_CHP_PASS



N78(40M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

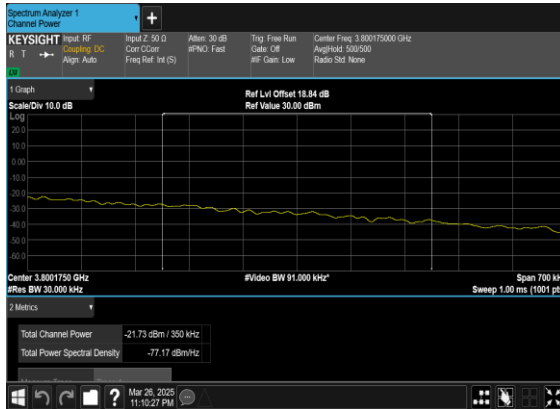


N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

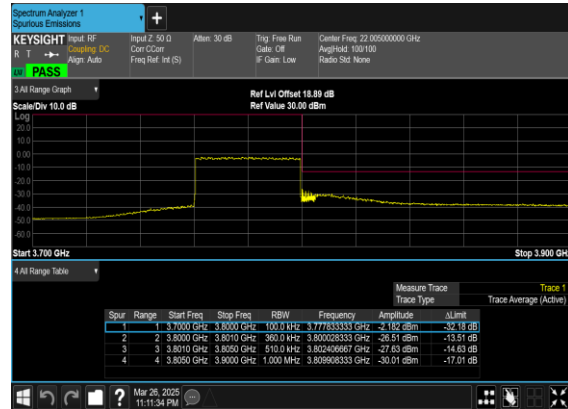




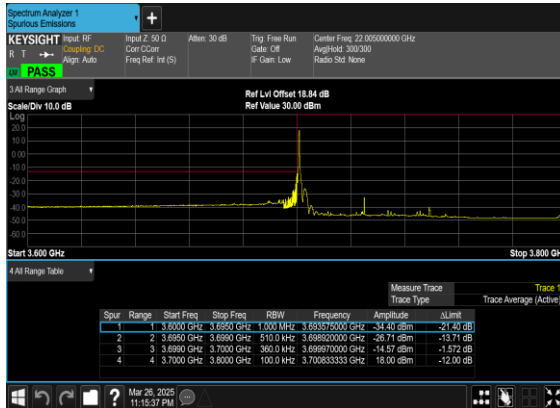
N78(40M)_CP-OFDM_QPSK
Edge_1RB_Right_High_CH_chp_PASS



N78(40M)_CP-OFDM_QPSK_Outer_Full_High_CH



N78(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

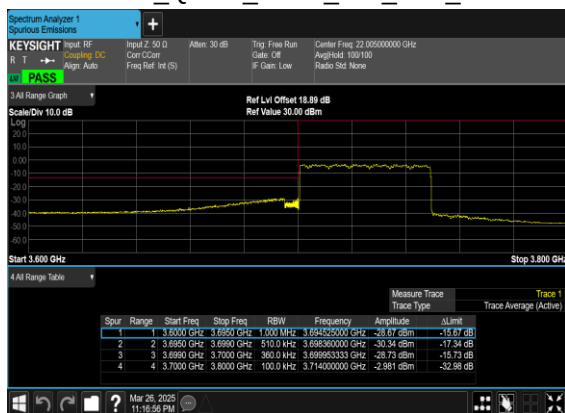


N78(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_PASS

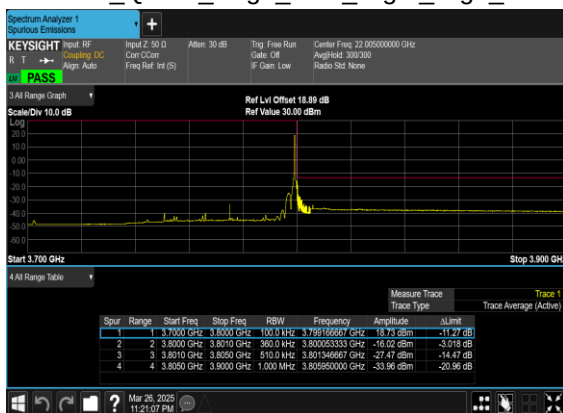




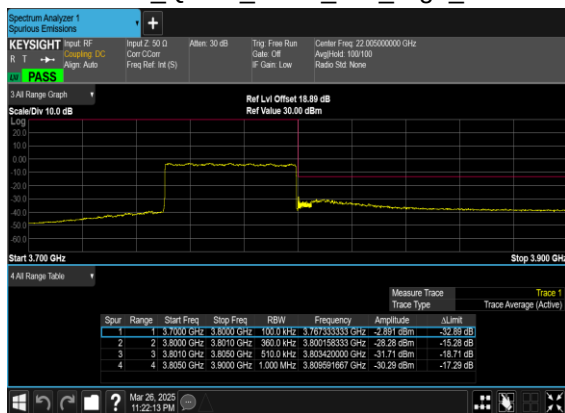
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78 MIMO ANT(M+M2) - SCS 30k

Transmitter Conducted Output Power and EIRP (GT - LC)=3.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANTM2 Power (dBm)	ANTM Power (dBm)	Conducted Power(dBm)	Conducted Power(W)	EIRP (dBm)	EIRP (W)
78	30	90	649668	3745.02	CP-OFDM QPSK	123@61	20.04	20.88	23.49	0.2234	26.49	0.4457
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	19.98	20.74	23.39	0.2183	26.39	0.4355
78	30	90	649668	3745.02	CP-OFDM QPSK	1@243	20.48	20.59	23.55	0.2265	26.55	0.4519
78	30	90	649668	3745.02	CP-OFDM 16 QAM	123@61	19.82	20.44	23.15	0.2065	26.15	0.4121
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	19.52	20.11	22.84	0.1923	25.84	0.3837
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@243	19.89	20.26	23.09	0.2037	26.09	0.4064
78	30	90	650000	3750	CP-OFDM QPSK	123@61	20.23	20.97	23.63	0.2307	26.63	0.4603
78	30	90	650000	3750	CP-OFDM QPSK	1@1	20.01	20.73	23.4	0.2188	26.40	0.4365
78	30	90	650000	3750	CP-OFDM QPSK	1@243	20.36	20.67	23.53	0.2254	26.53	0.4498
78	30	90	650000	3750	CP-OFDM 16 QAM	123@61	19.89	20.48	23.21	0.2094	26.21	0.4178
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	19.62	20.16	22.91	0.1954	25.91	0.3899
78	30	90	650000	3750	CP-OFDM 16 QAM	1@243	19.84	20.36	23.12	0.2051	26.12	0.4093
78	30	90	650332	3754.98	CP-OFDM QPSK	123@61	20.37	20.98	23.7	0.2344	26.70	0.4677
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	19.98	20.84	23.44	0.2208	26.44	0.4406
78	30	90	650332	3754.98	CP-OFDM QPSK	1@243	20.34	20.53	23.45	0.2213	26.45	0.4416
78	30	90	650332	3754.98	CP-OFDM 16 QAM	123@61	19.89	20.51	23.22	0.2099	26.22	0.4188
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	19.62	20.23	22.95	0.1972	25.95	0.3936
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@243	19.73	20.26	23.01	0.2000	26.01	0.3990



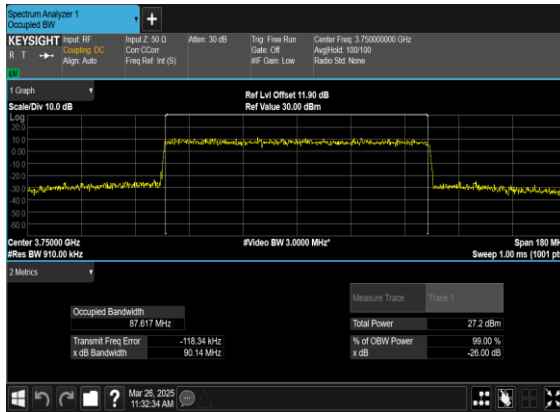
FR1 N78 MIMO ANT M - SCS 30k

Occupied Bandwidth

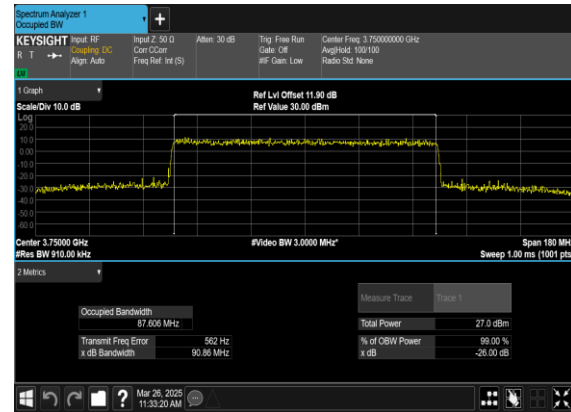
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.617	90.14
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.606	90.86
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.373	90.11
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.322	90.19



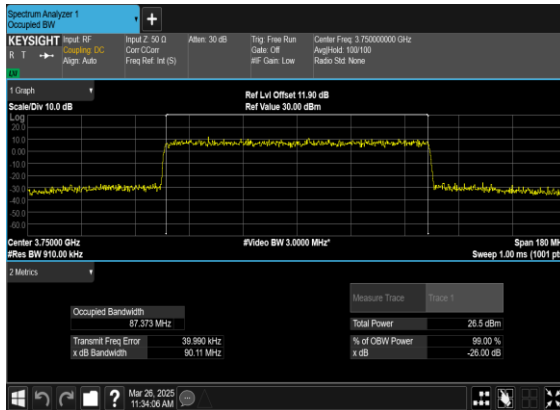
N78(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



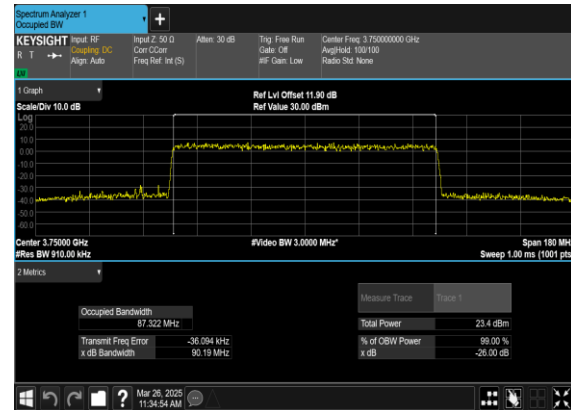
N78(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



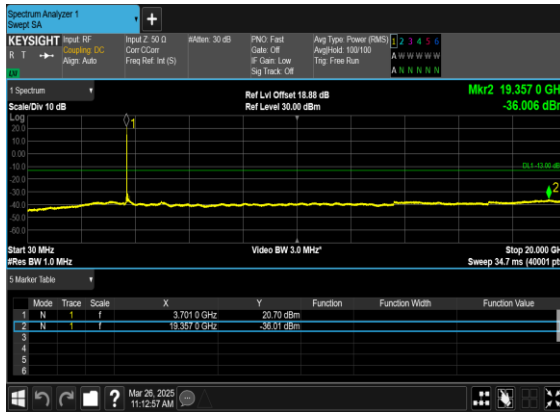


Conducted Spurious Emissions

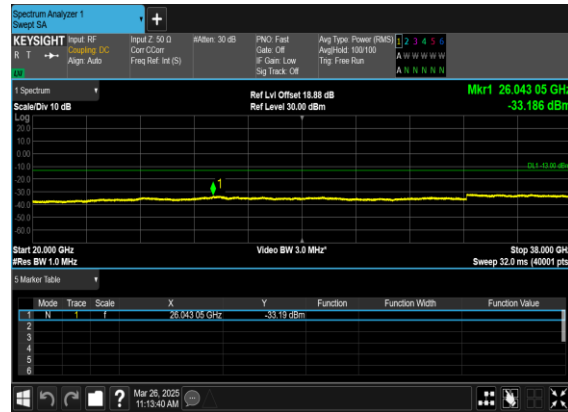
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	---
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS



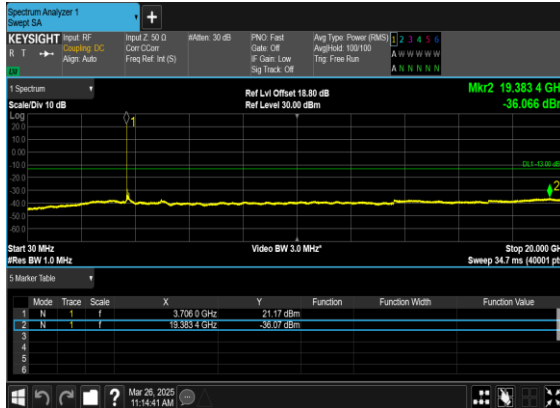
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



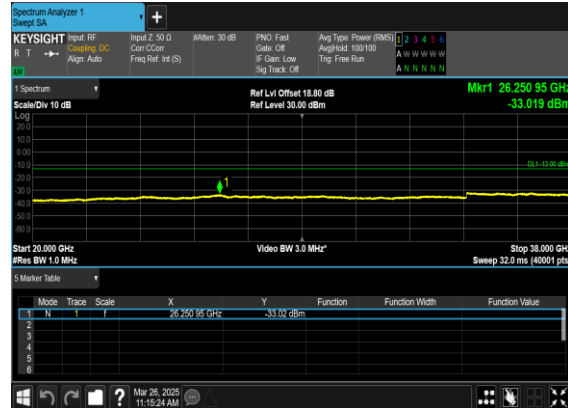
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

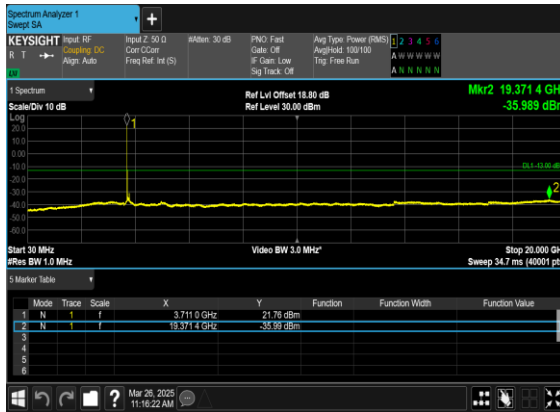


N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

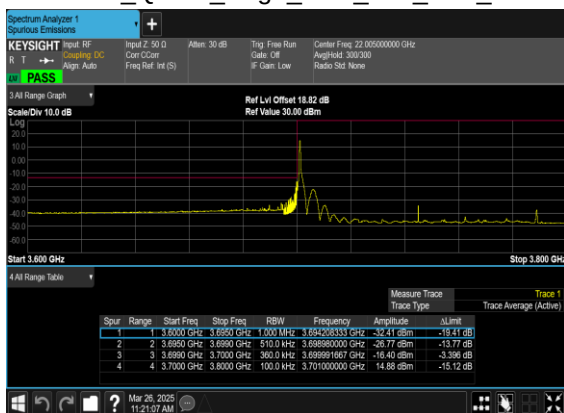


**Conducted Band Edge**

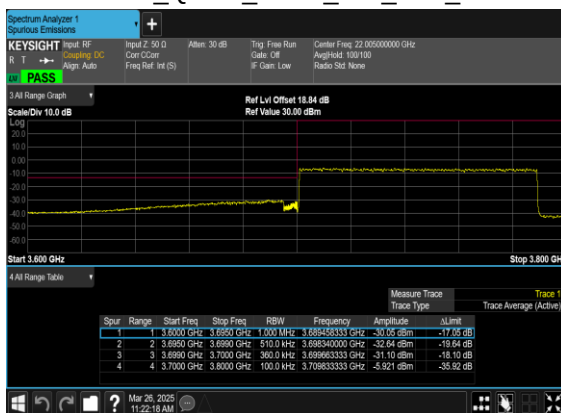
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	245@0	see graph	PASS



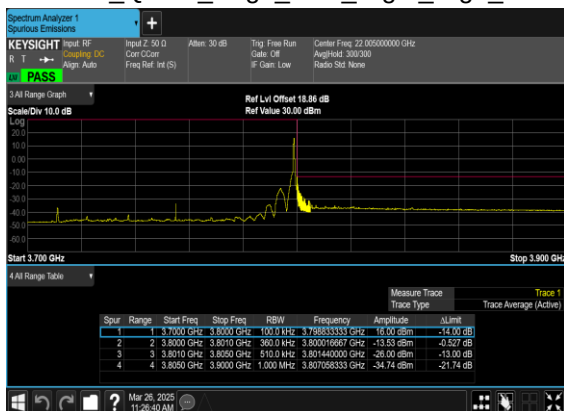
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



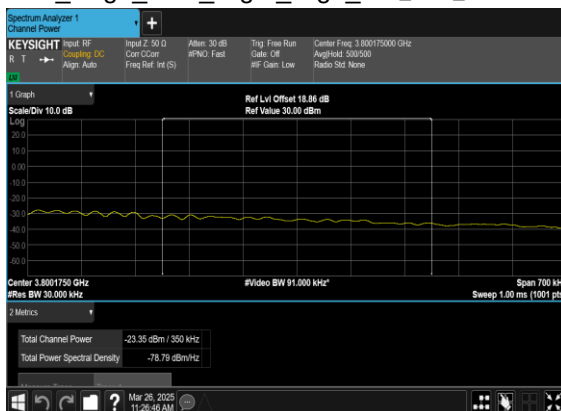
N78(90M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(90M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS





N78(90M)_CP-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

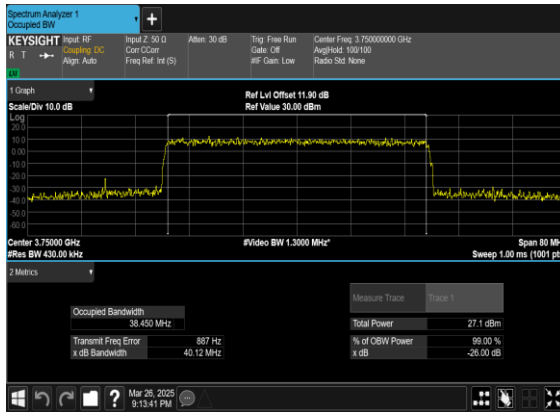
FR1 N78 MIMO ANT M2 - SCS 15k

Occupied Bandwidth

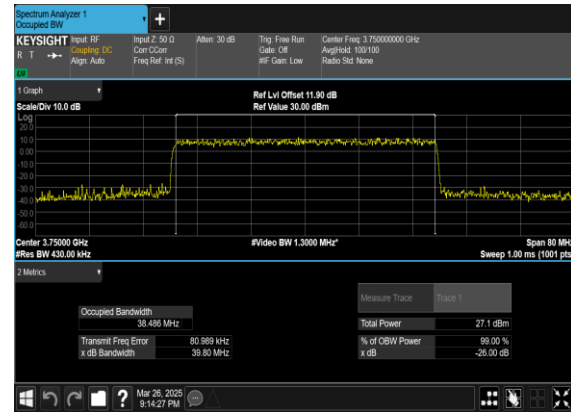
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	15	40	650000	3750.0	CP-OFDM QPSK	216@0	38.45	40.12
78	15	40	650000	3750.0	CP-OFDM 16 QAM	216@0	38.486	39.8
78	15	40	650000	3750.0	CP-OFDM 64 QAM	216@0	38.439	39.77
78	15	40	650000	3750.0	CP-OFDM 256 QAM	216@0	38.473	39.84
78	15	50	650000	3750.0	CP-OFDM QPSK	270@0	48.024	49.67
78	15	50	650000	3750.0	CP-OFDM 16 QAM	270@0	48.246	49.73
78	15	50	650000	3750.0	CP-OFDM 64 QAM	270@0	48.05	49.82
78	15	50	650000	3750.0	CP-OFDM 256 QAM	270@0	48.096	49.62



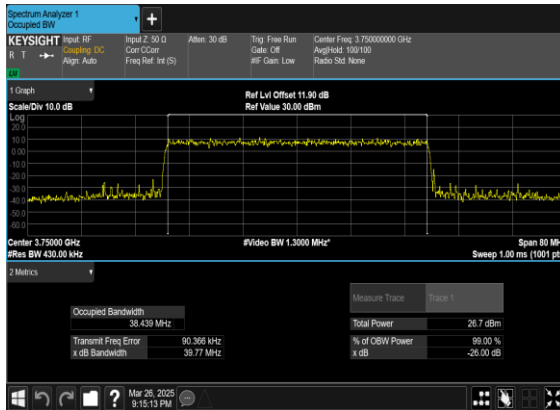
N78(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



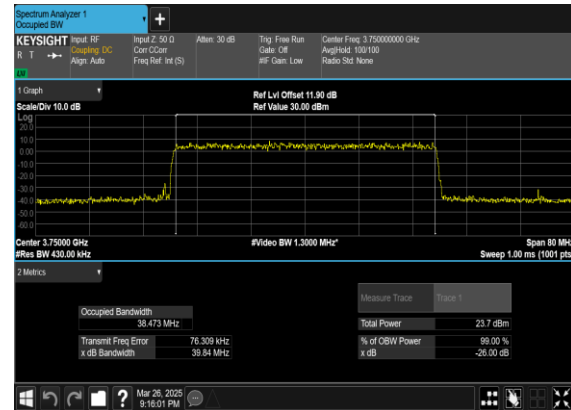
N78(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

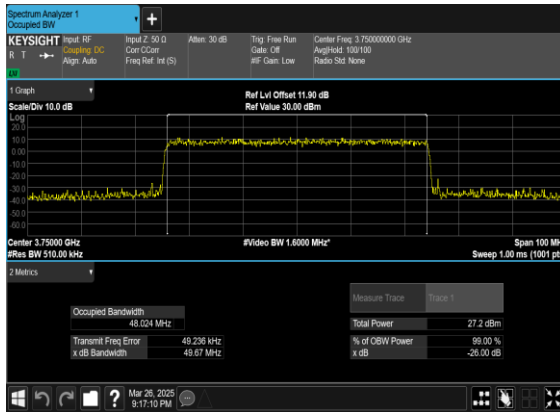


N78(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

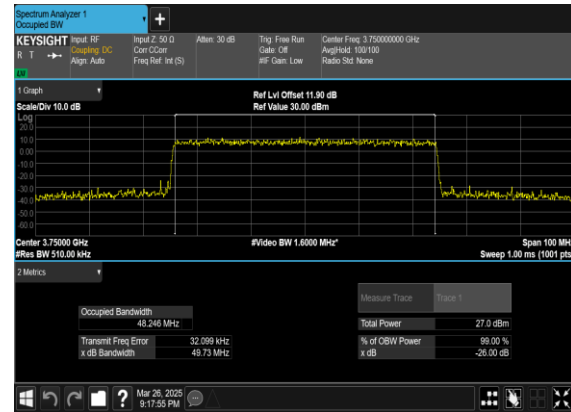




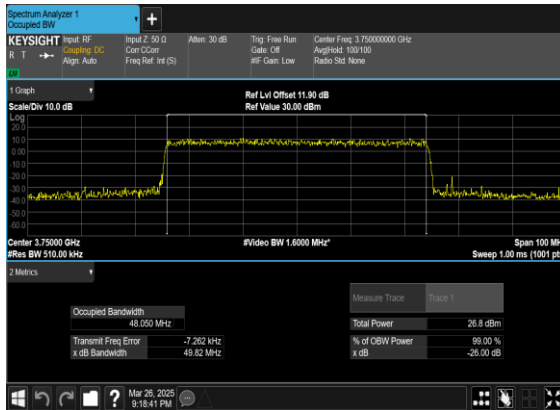
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



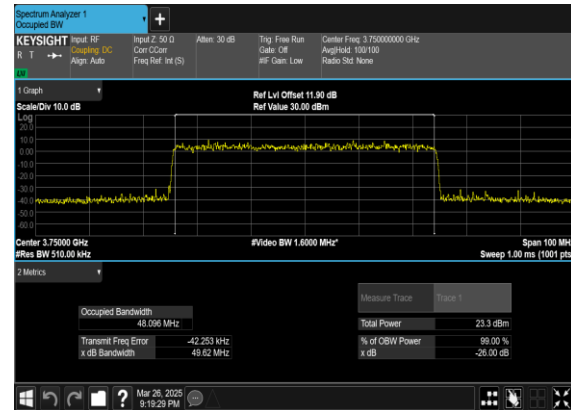
N78(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



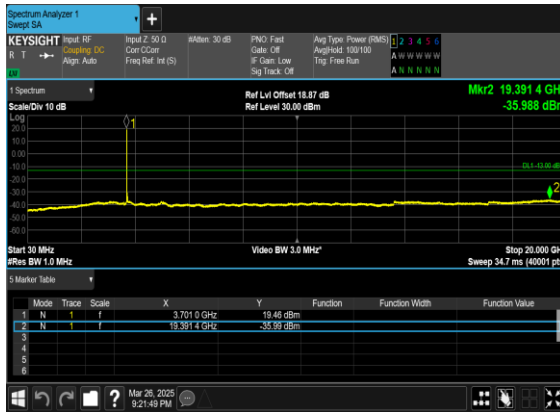


Conducted Spurious Emissions

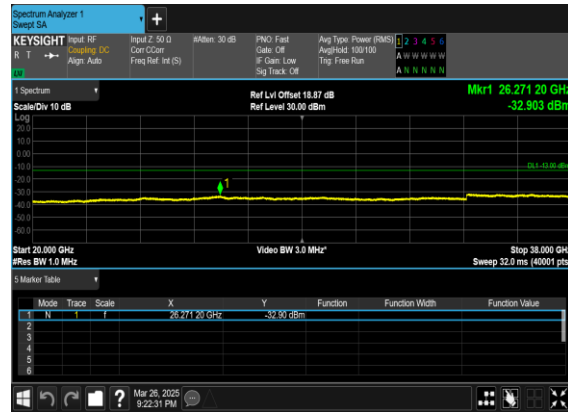
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	40	648000	3720.0	CP-OFDM QPSK	1@0	see graph	---
78	15	40	648000	3720.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	648000	3720.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	15	40	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	1@0	see graph	---
78	15	40	652000	3780.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	---
78	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	15	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	---
78	15	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	1@0	see graph	PASS



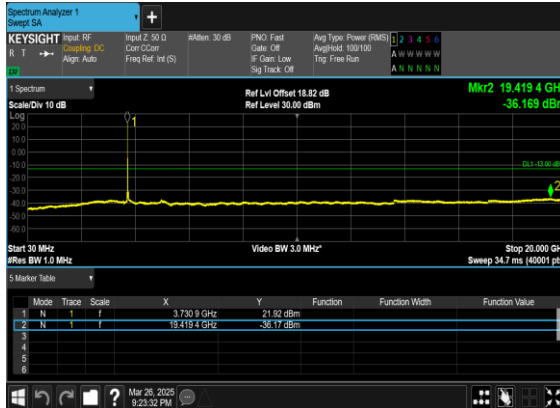
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



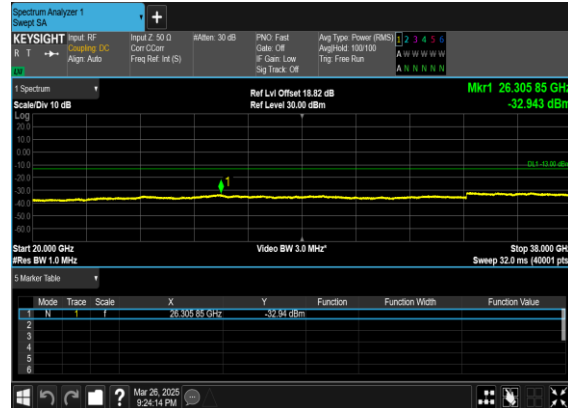
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

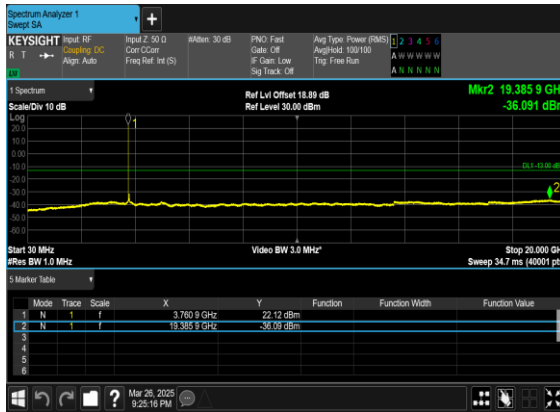


N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

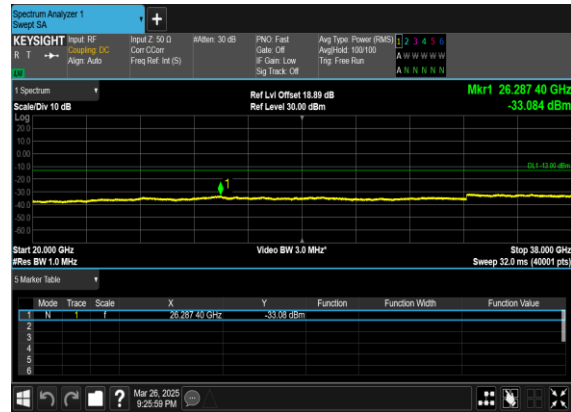




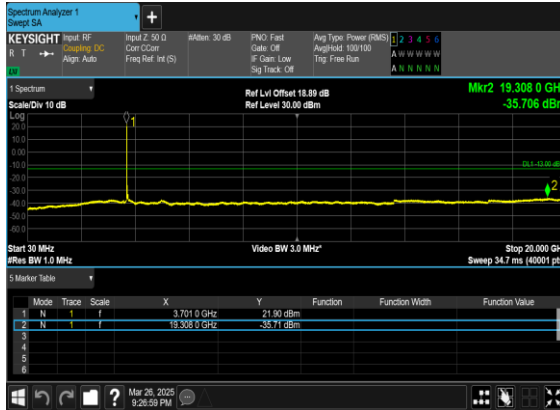
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



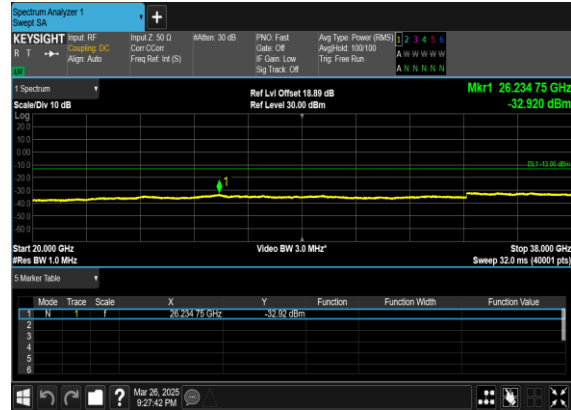
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

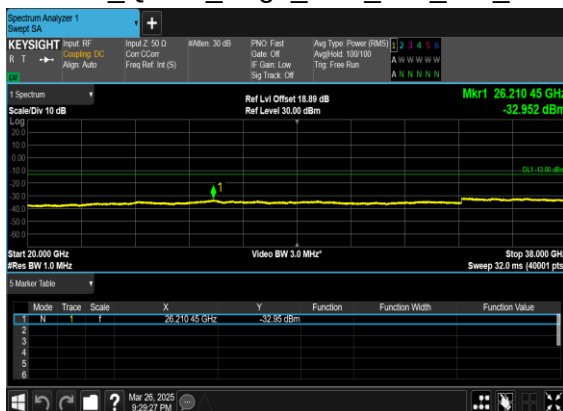


N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



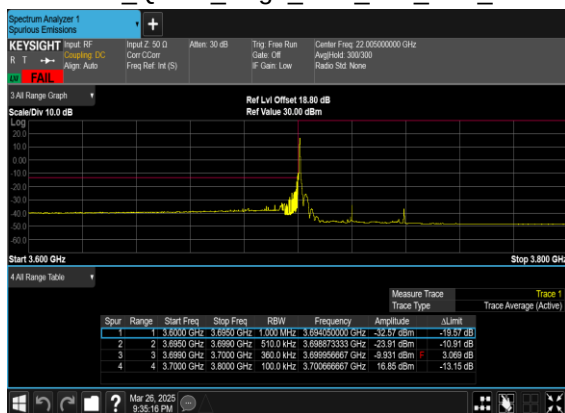
N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CHN78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CHN78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

**Conducted Band Edge**

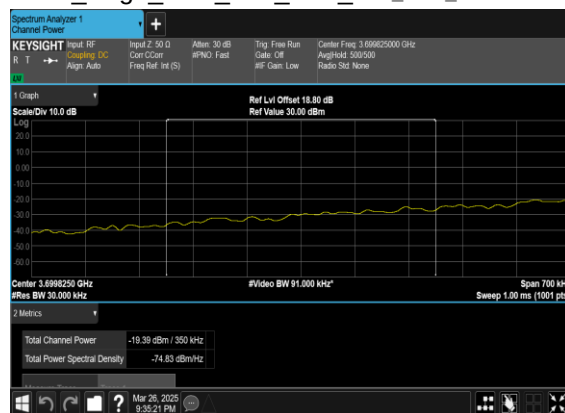
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	15	40	648000	3720.0	CP-OFDM QPSK	1@0	see graph	PASS
78	15	40	648000	3720.0	CP-OFDM QPSK	216@0	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	1@215	see graph	PASS
78	15	40	652000	3780.0	CP-OFDM QPSK	216@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	1@0	see graph	PASS
78	15	50	648334	3725.01	CP-OFDM QPSK	270@0	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	1@269	see graph	PASS
78	15	50	651666	3774.99	CP-OFDM QPSK	270@0	see graph	PASS



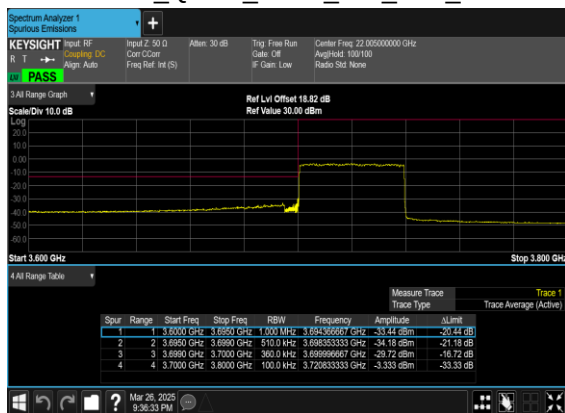
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



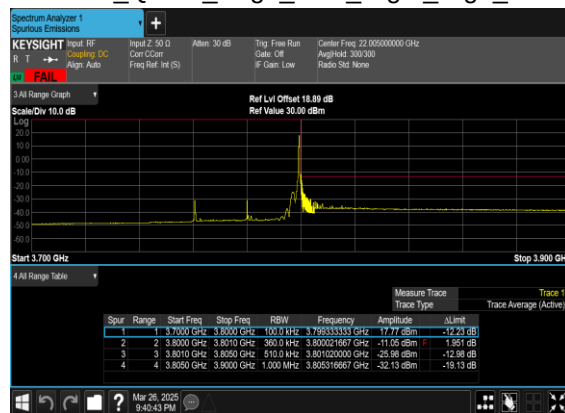
N78(40M)_CP-OFDM_QPSK
Edge_1RB_Left_Low_CH_CHP_PASS



N78(40M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

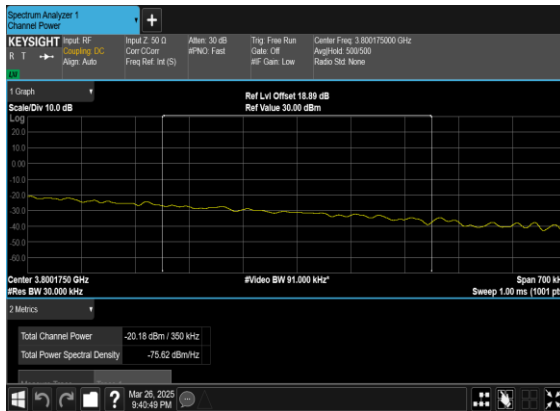


N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

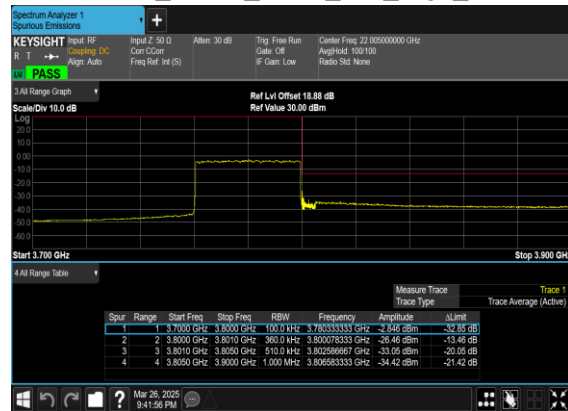




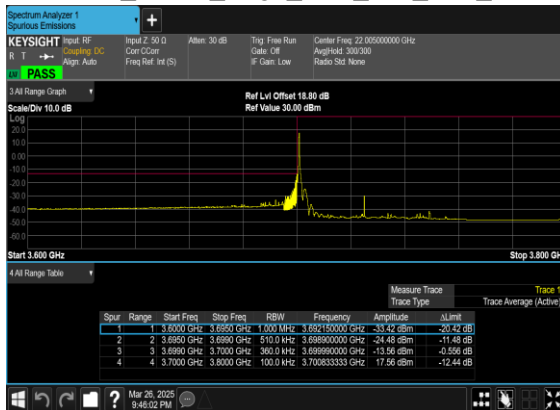
N78(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH_ch
P_PASS



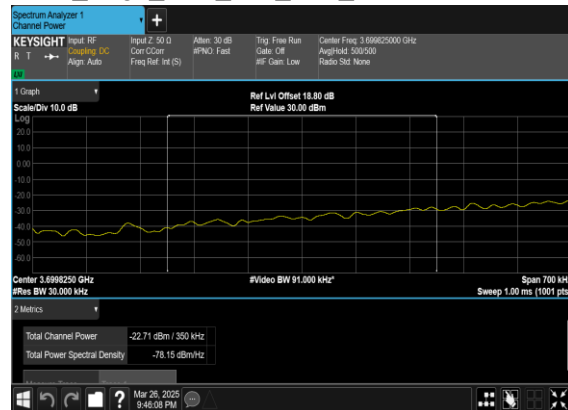
N78(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

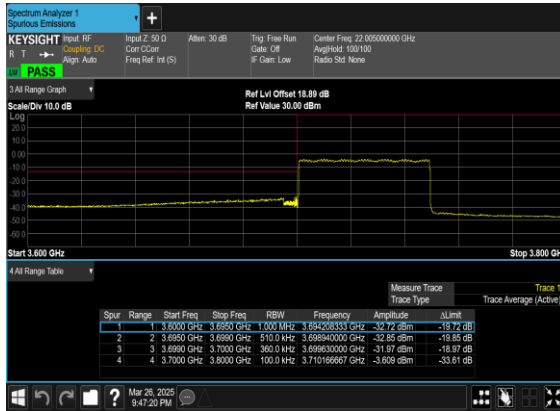


N78(50M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_ch_P_PASS

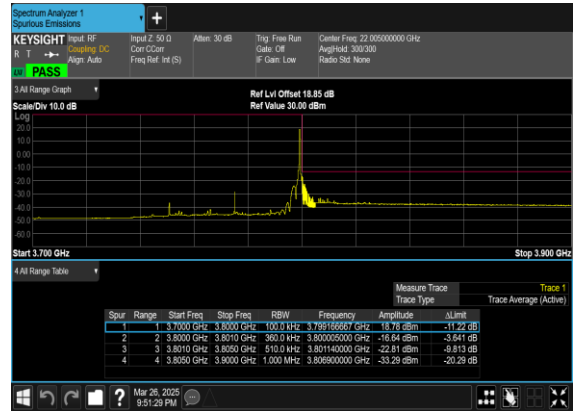




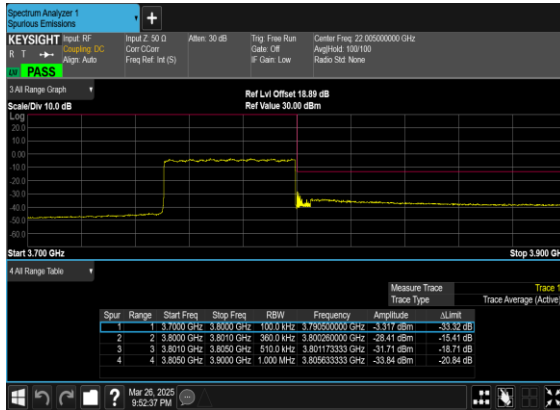
N78(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N78(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH





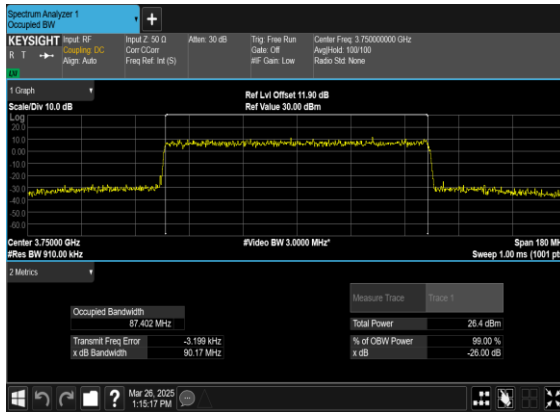
FR1 N78 MIMO ANT M2 - SCS 30k

Occupied Bandwidth

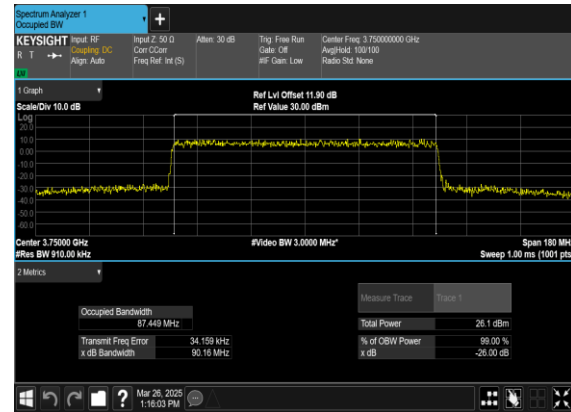
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.402	90.17
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.449	90.16
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.605	90.24
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.157	90.22



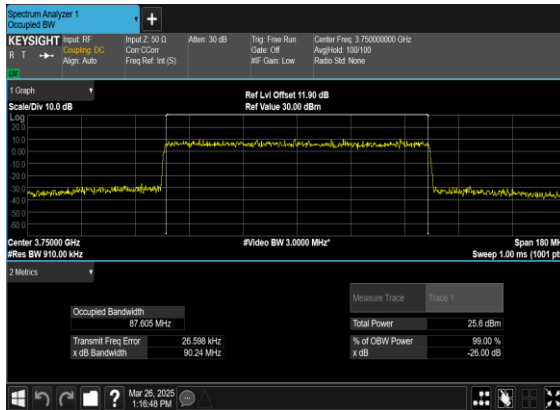
N78(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



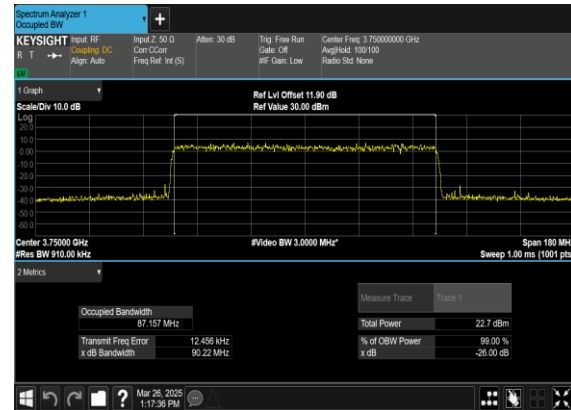
N78(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

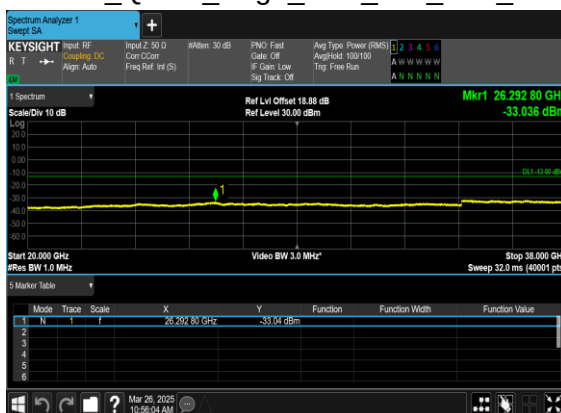
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	---
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	---
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@0	see graph	PASS



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



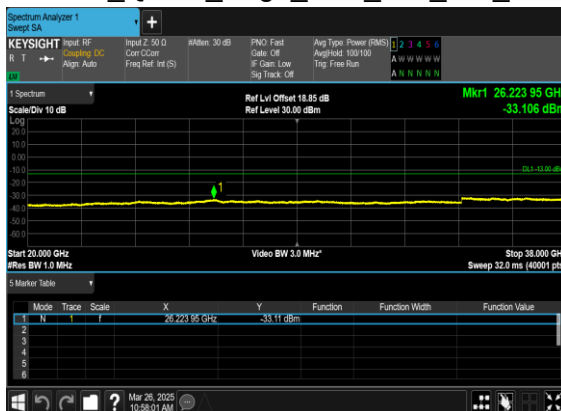
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

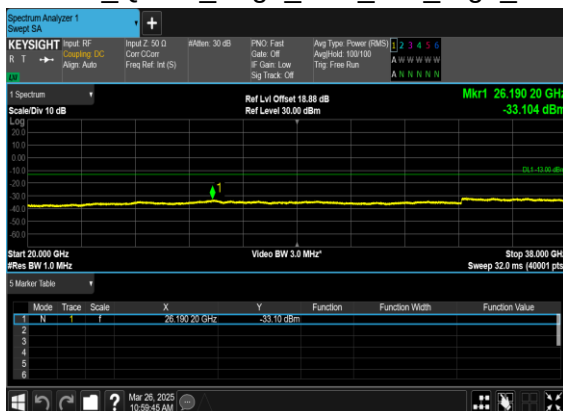




N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

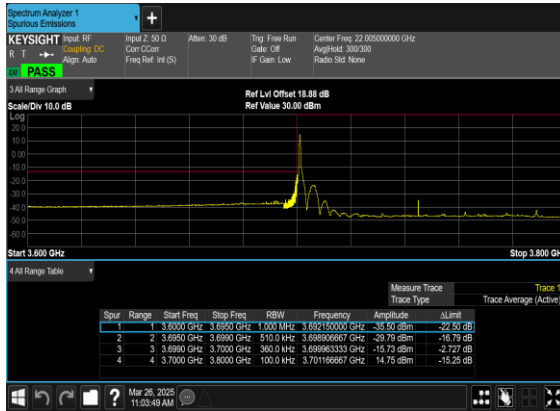


**Conducted Band Edge**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	90	649668	3745.02	CP-OFDM QPSK	1@0	see graph	PASS
78	30	90	649668	3745.02	CP-OFDM QPSK	245@0	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	1@244	see graph	PASS
78	30	90	650332	3754.98	CP-OFDM QPSK	245@0	see graph	PASS



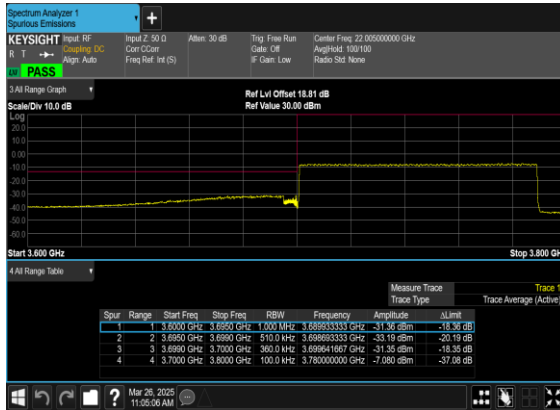
N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



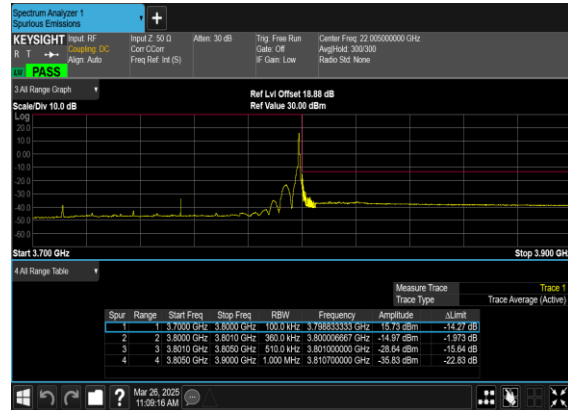
N78(90M)_CP-OFDM_QPSK_
Edge_1RB_Left_Low_CH_CHP_PASS



N78(90M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

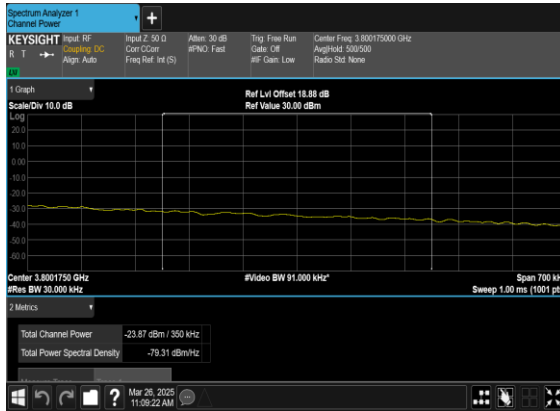


N78(90M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH





N78(90M)_CP-OFDM_QPSK
Edge_1RB_Right_High_CH_chp_PASS



N78(90M)_CP-
OFDM_QPSK_Outer_Full_High_CH

