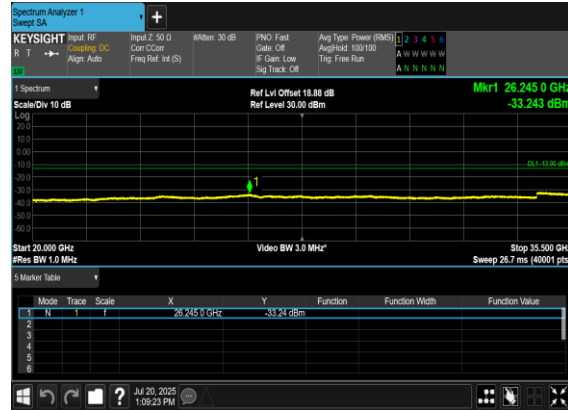




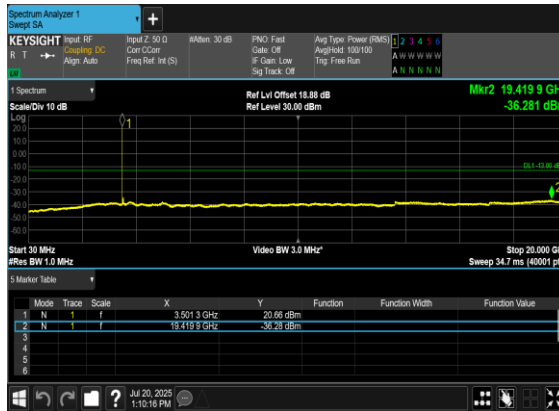
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



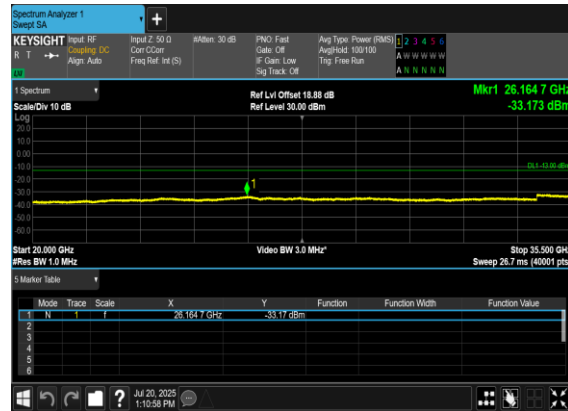
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH





N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





Conducted Band Edge

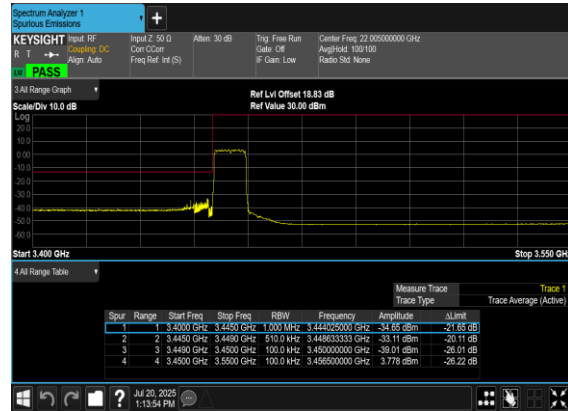
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	PASS



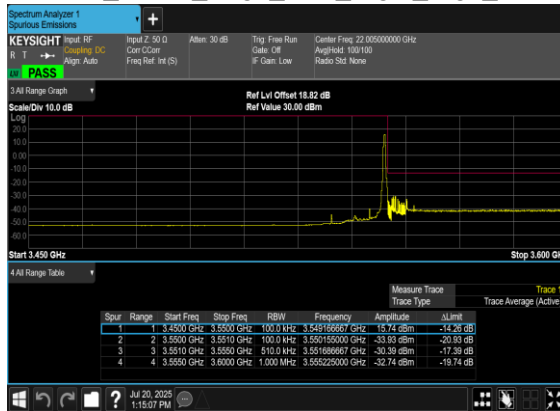
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



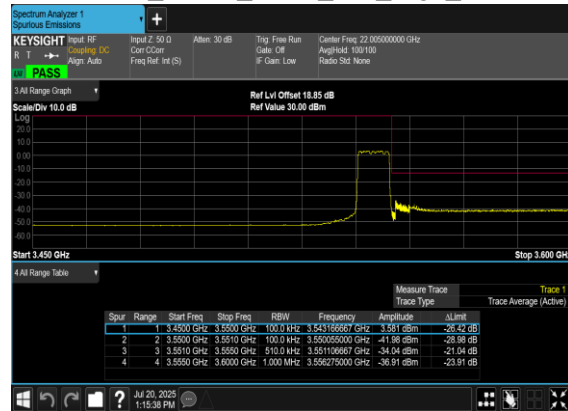
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

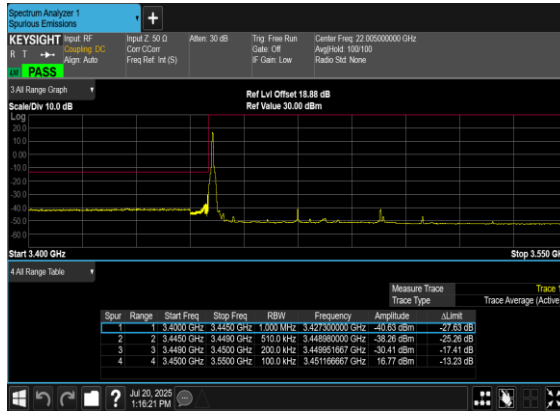


N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH

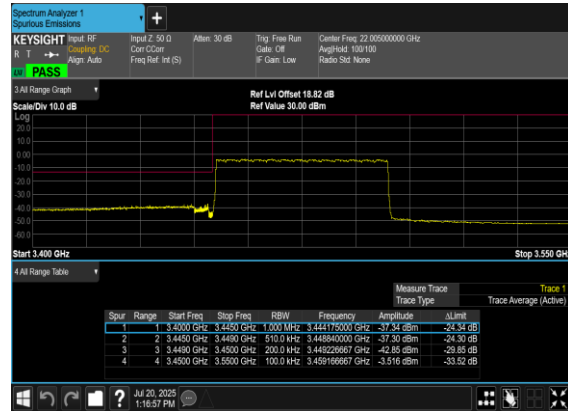




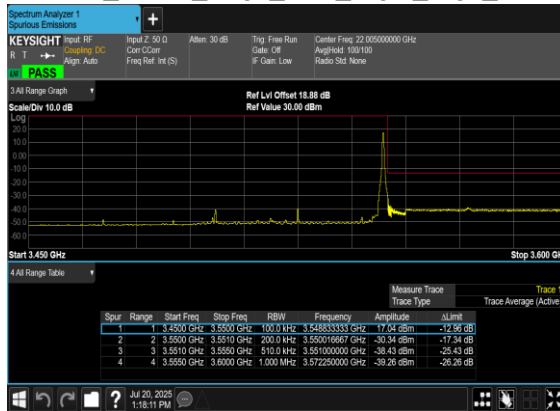
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



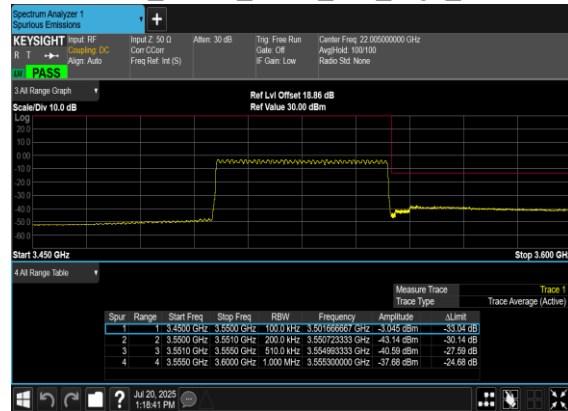
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

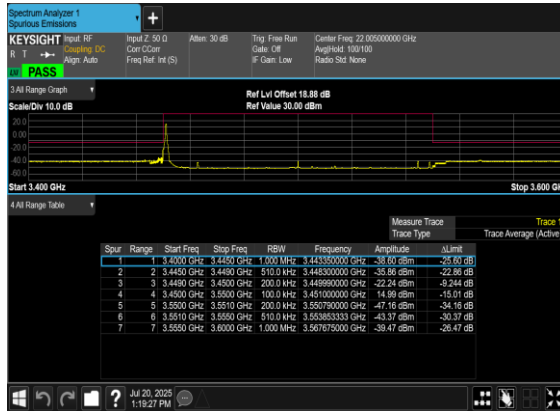


N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH

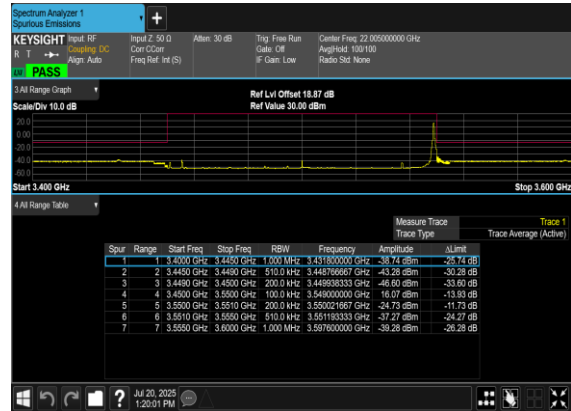




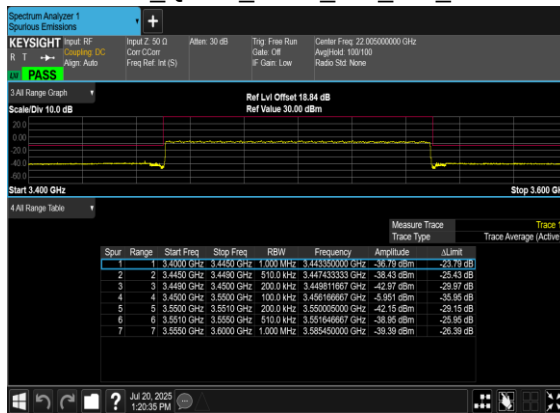
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 n77 UL MIMO(Ant 6)-30 kHz

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.2	PASS	NV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	12.2	PASS	LV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.3	PASS	HV
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	17.4	PASS	-30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	10.9	PASS	-20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.3	PASS	-10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	14.3	PASS	0℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	15.7	PASS	10℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	16.7	PASS	20℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	6.7	PASS	30℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	7.6	PASS	40℃
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	12	PASS	50℃

|MAX(Δf)| = 18.3 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	3450.909082	≥ 3450 MHz	PASS
fH + MAX(Δf)	3549.110918	≤ 3550 MHz	

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	8.19	13	PASS

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



**Occupied Bandwidth**

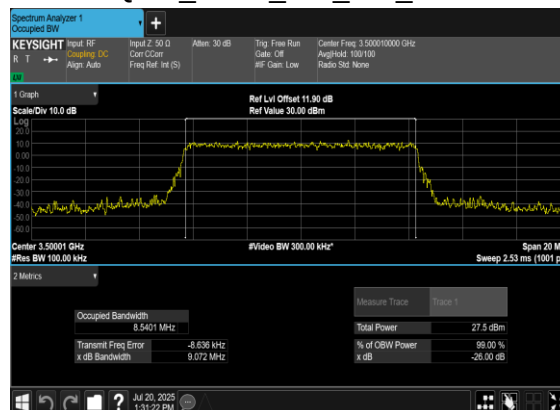
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5539	9.105
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5401	9.072
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5639	9.018
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5693	9.125
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.542	14.35
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.571	14.24
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.56	14.24
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.607	14.25
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.178	19.01
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.125	19.07
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.236	19.04
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.181	18.93
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.235	24.25
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.176	24.25
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.178	24.06
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.223	24.07
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.876	29.04
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.767	29.11
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.903	28.98
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.723	28.82
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.774	39.1
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.906	39.18
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.827	39.16
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.736	39.29



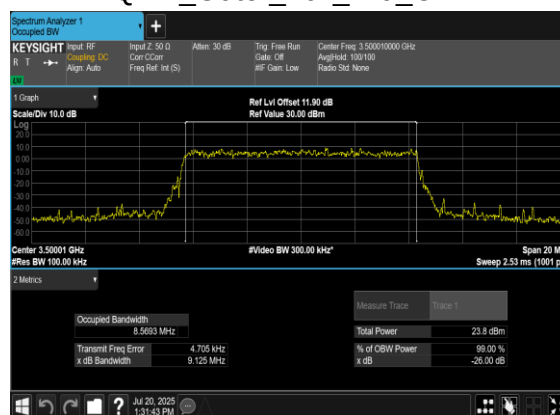
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.518	49.28
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.483	48.94
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.457	49.0
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.453	49.12
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.75	59.74
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.801	59.6
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.828	59.62
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.944	59.62
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.615	69.69
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.402	69.74
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.35	69.57
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.394	69.73
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.431	79.9
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.365	79.82
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.481	79.94
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.468	79.97
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.516	90.33
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.621	90.25
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.482	90.29
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.461	90.2
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.392	100.4
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.57	100.6
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.632	100.5
77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.387	100.5



N77(10M)_CP-OFDM_16
QAM Outer Full Mid CH

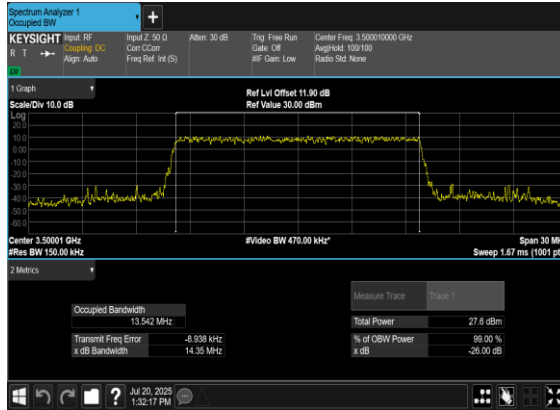


N77(10M)_CP-OFDM_256
QAM Outer Full Mid CH

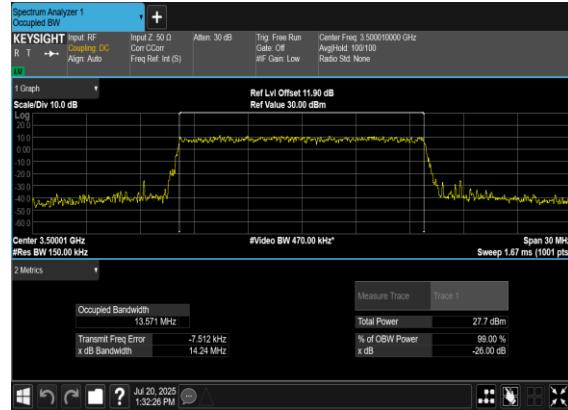




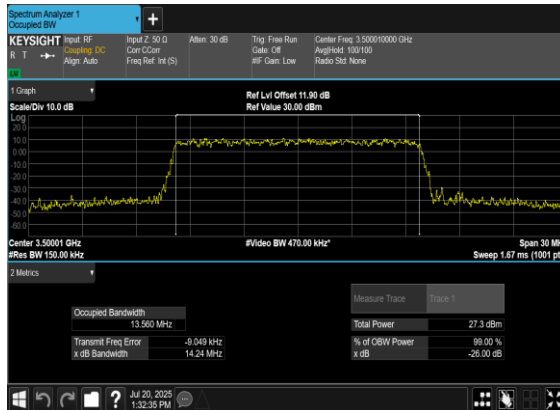
N77(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



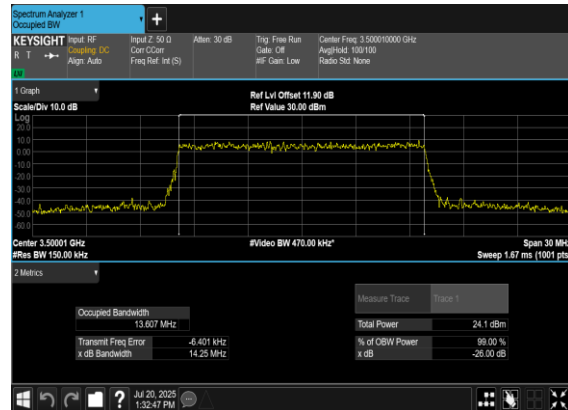
N77(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

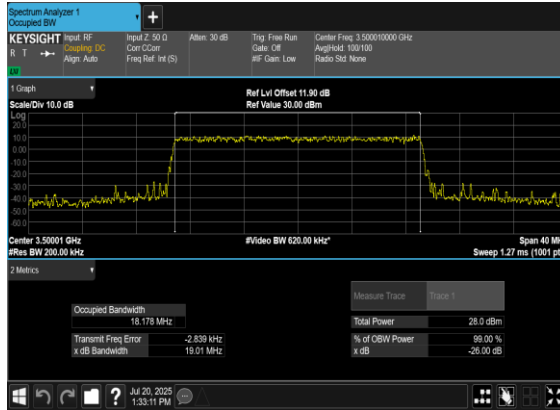


N77(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

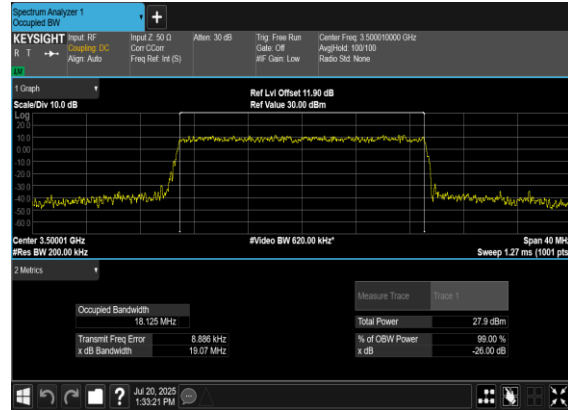




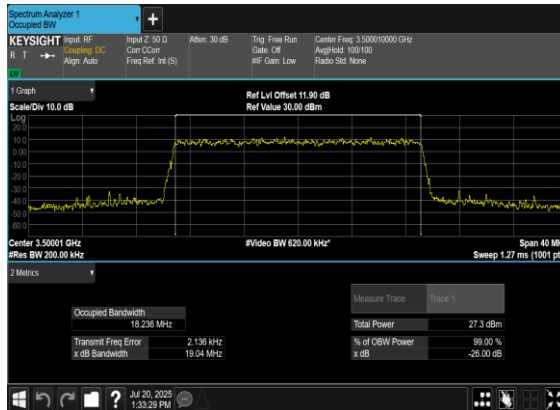
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



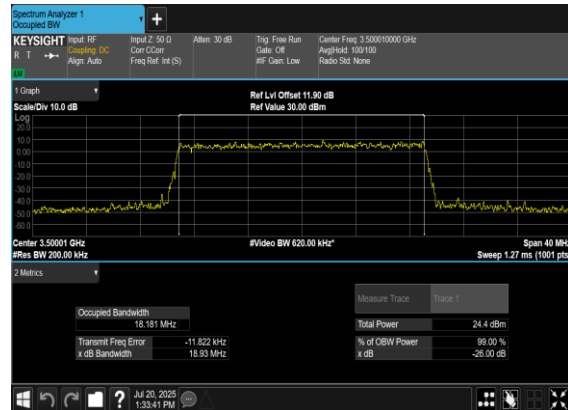
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QAM_Outer_Full_Mid_CH



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QAM_Outer_Full_Mid_CH

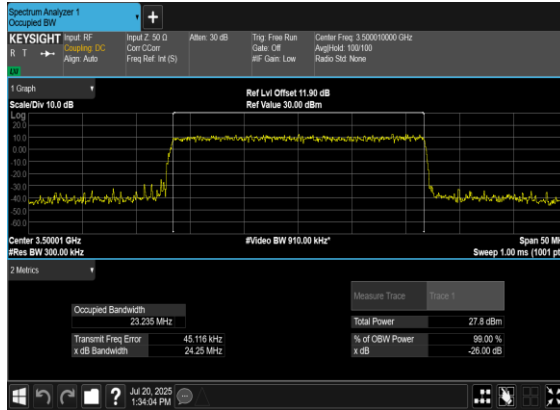


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QAM_Outer_Full_Mid_CH

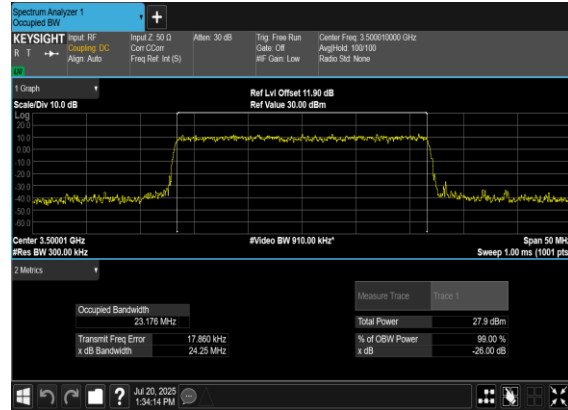




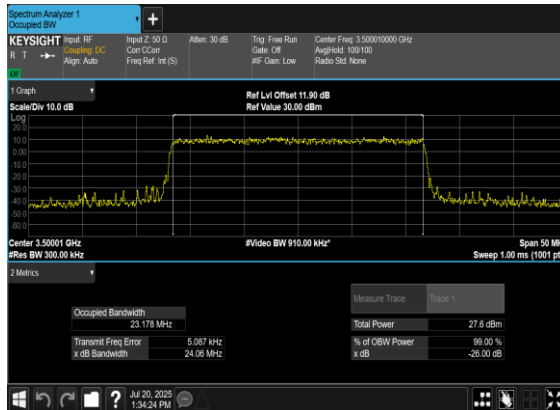
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OFDM_QPSK_Outer_Full_Mid_CH



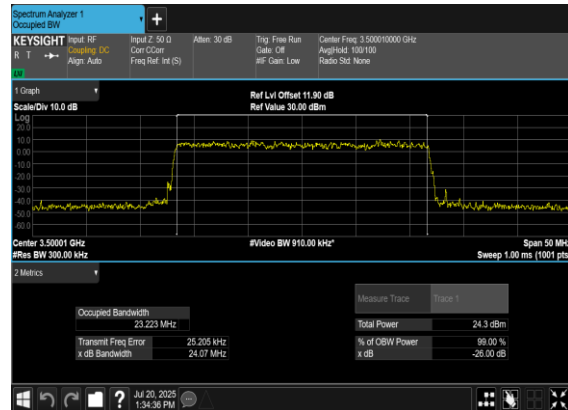
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QAM_Outer_Full_Mid_CH



N77(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

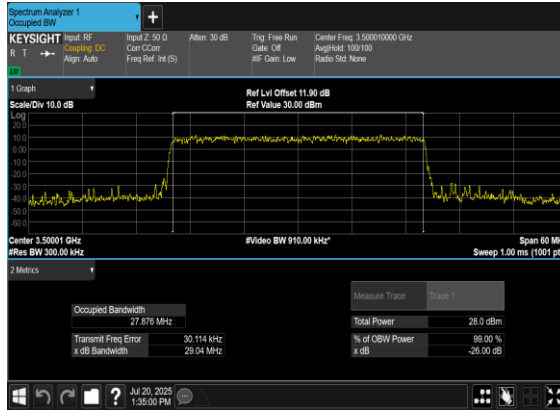


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QAM_Outer_Full_Mid_CH

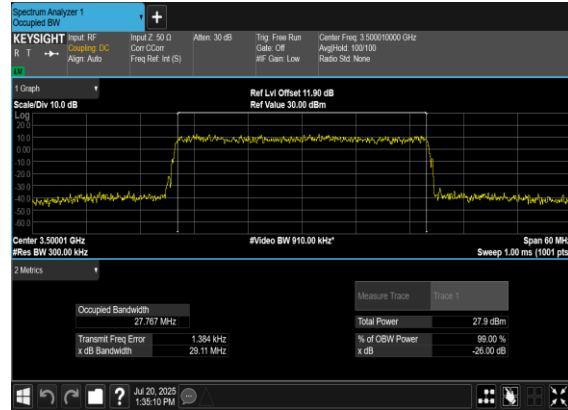




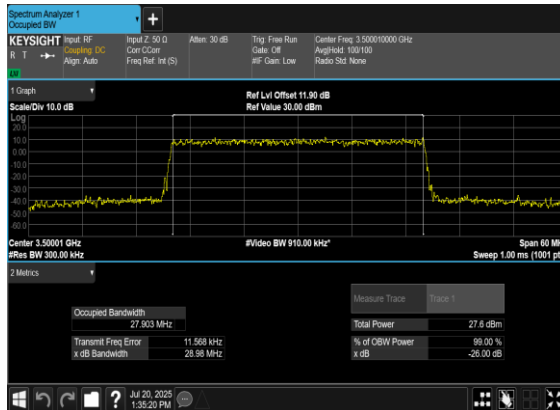
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



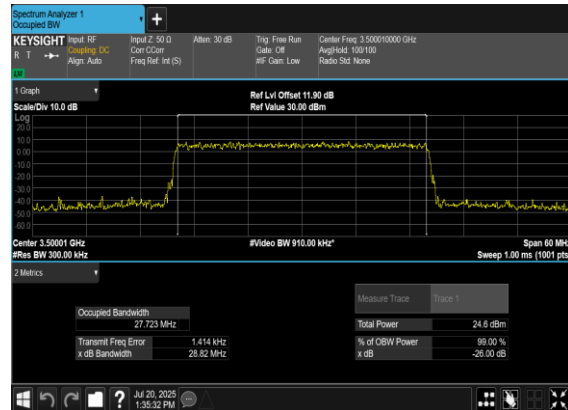
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

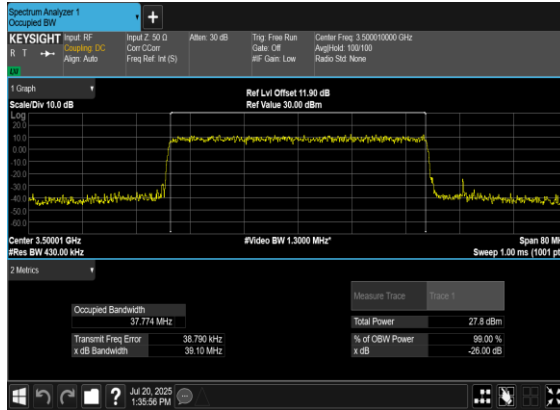


N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

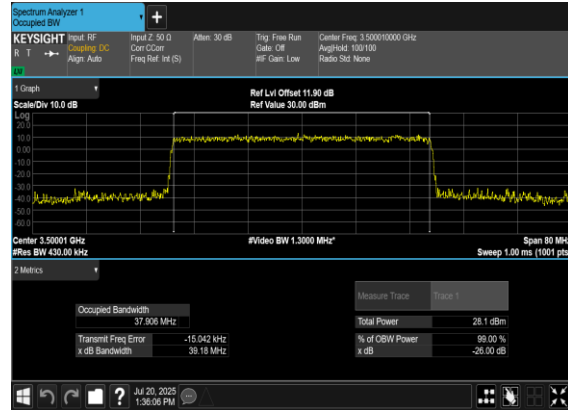




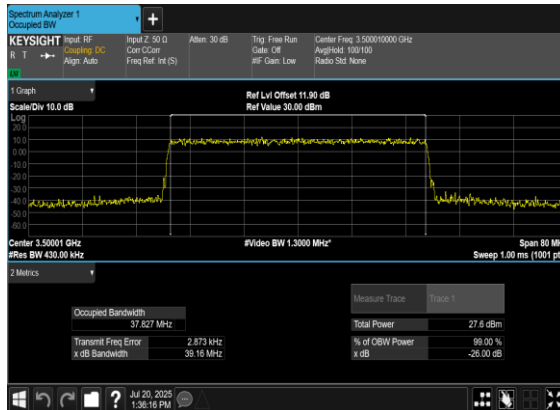
N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



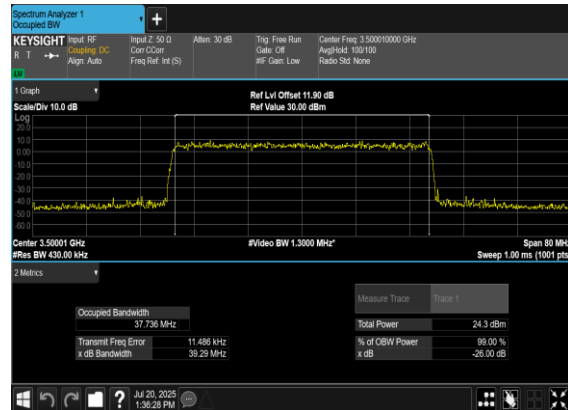
N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

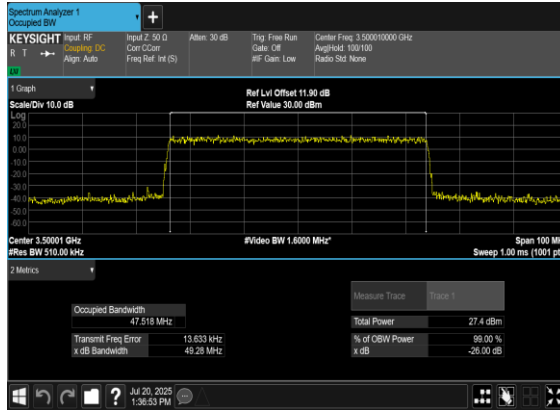


N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

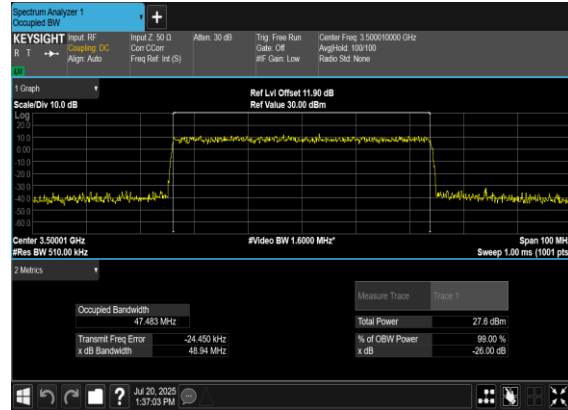




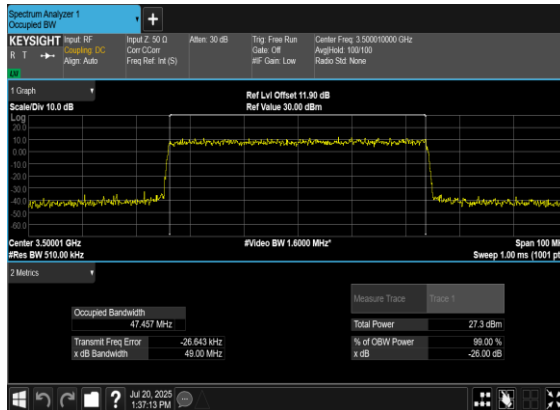
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



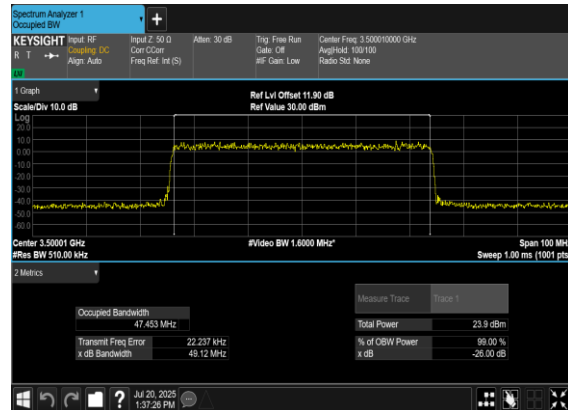
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

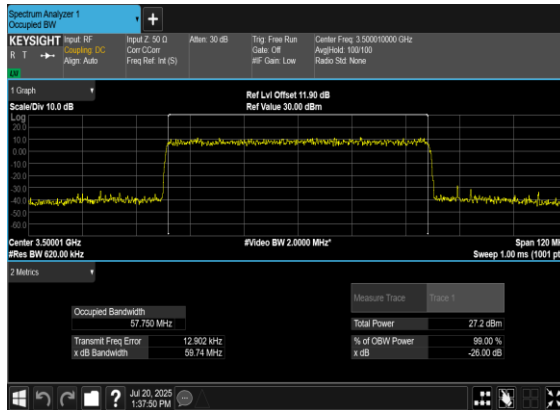


N77(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

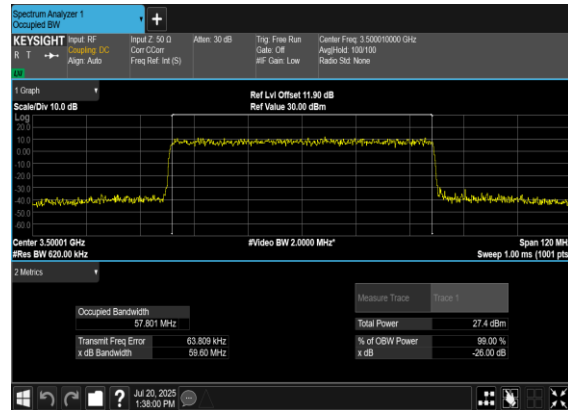




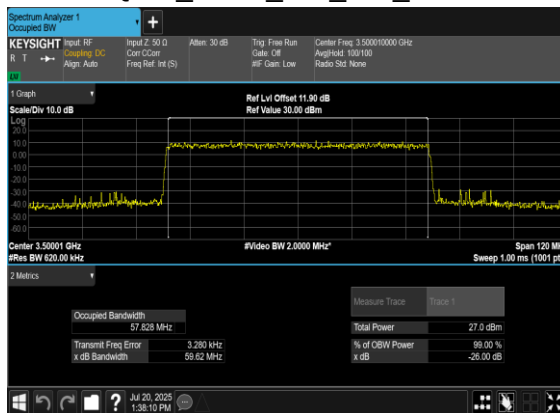
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



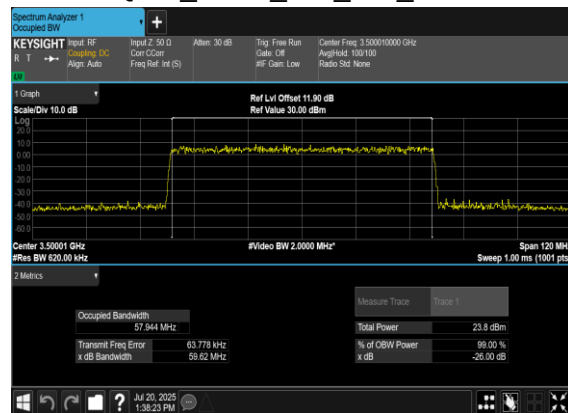
N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

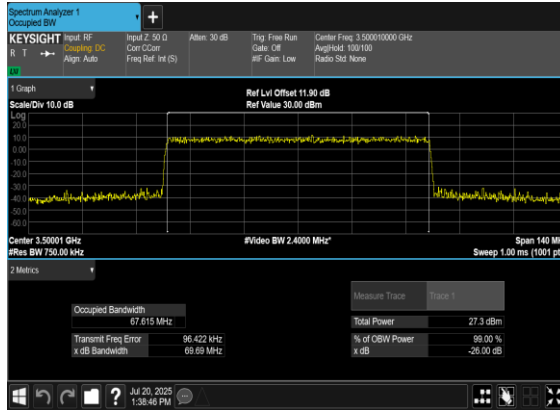


N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

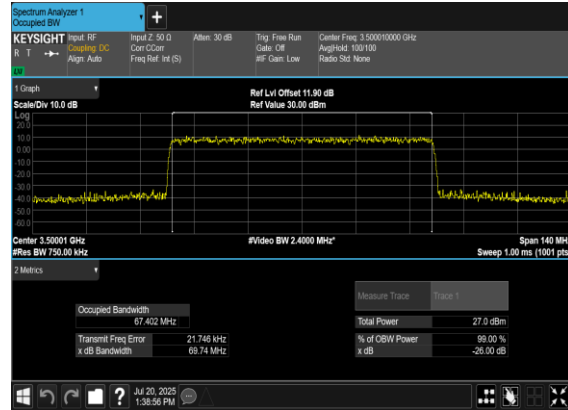




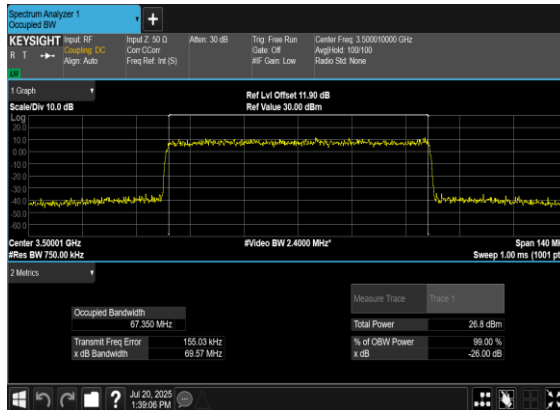
N77(70M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



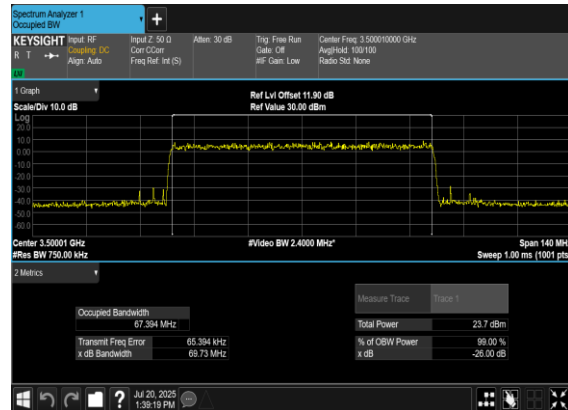
N77(70M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

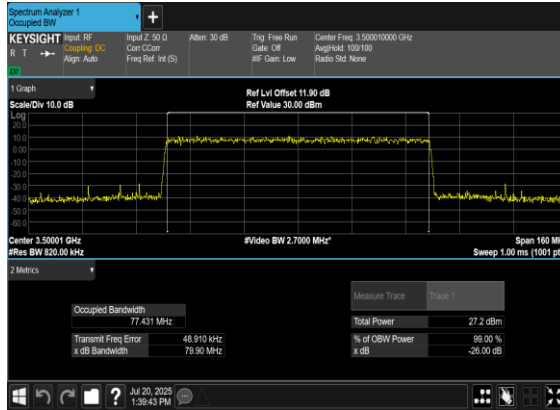


N77(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

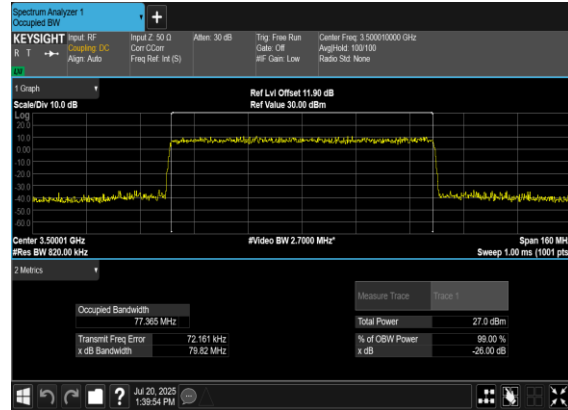




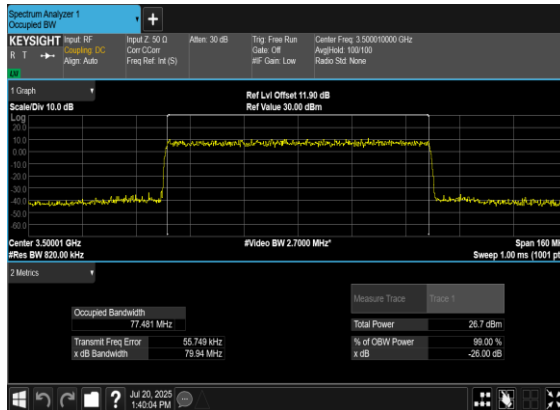
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



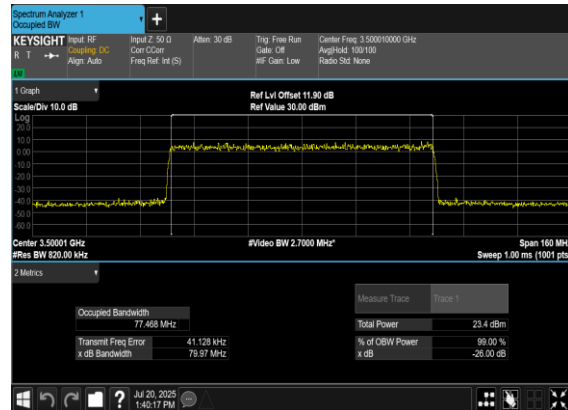
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

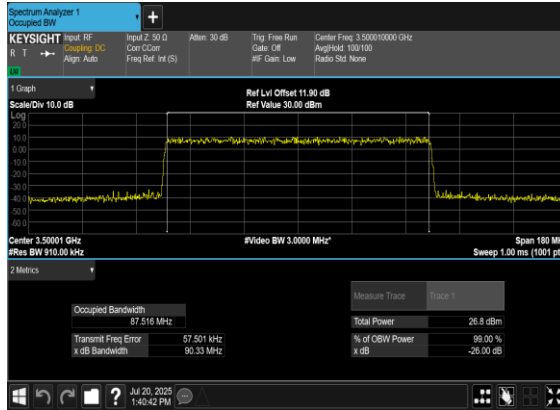


N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

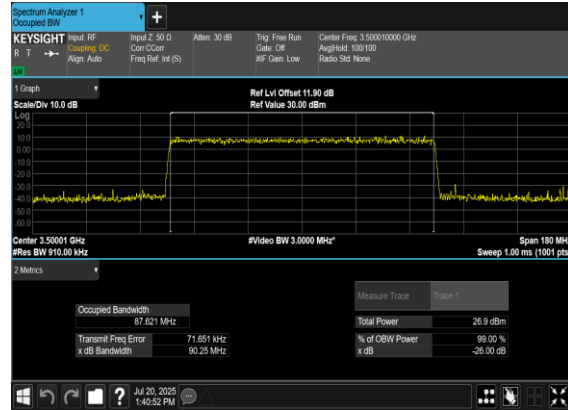




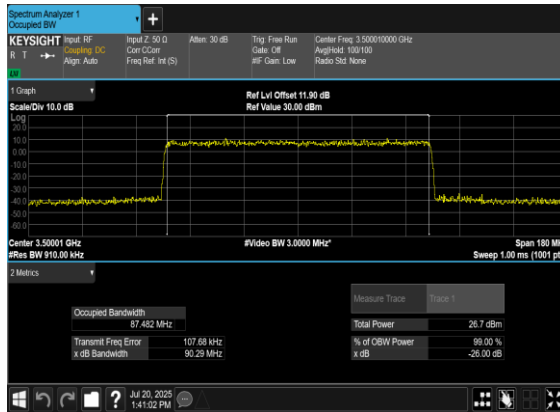
N77(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



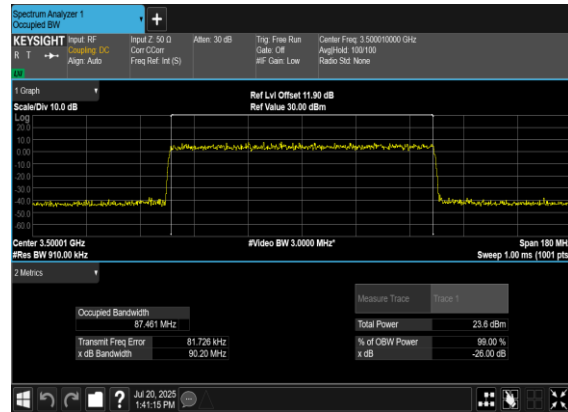
N77(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

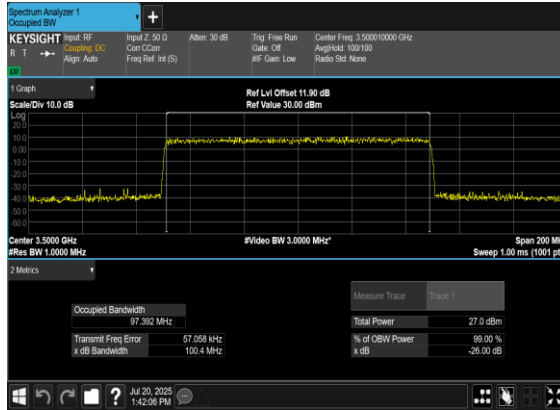


N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

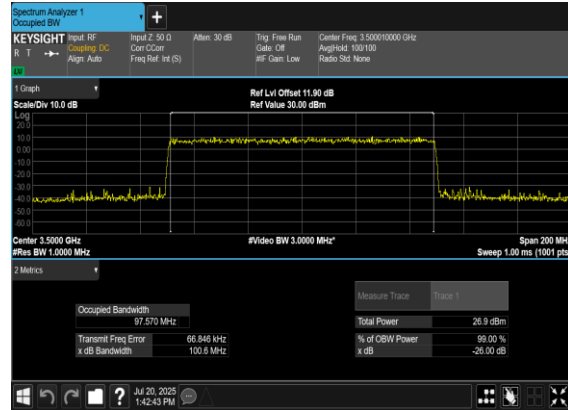




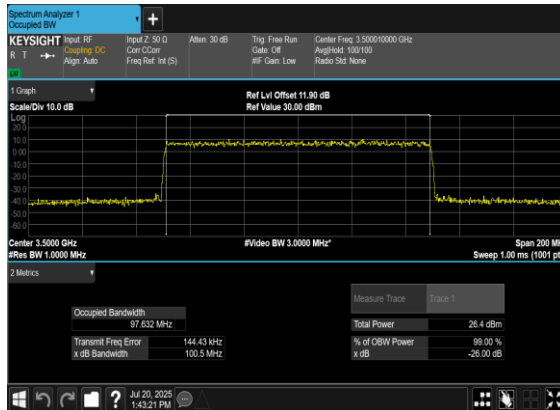
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



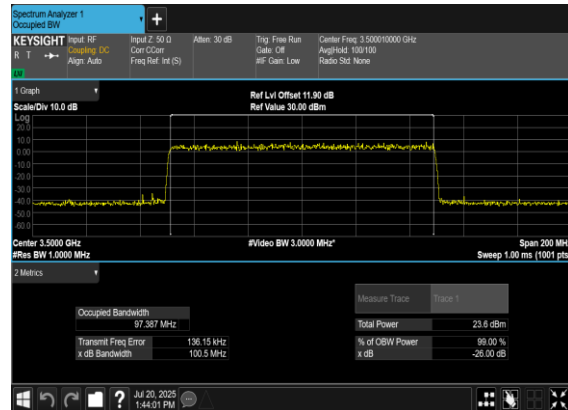
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



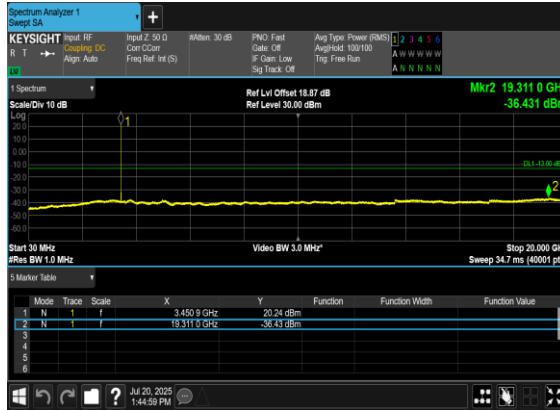


Conducted Spurious Emissions

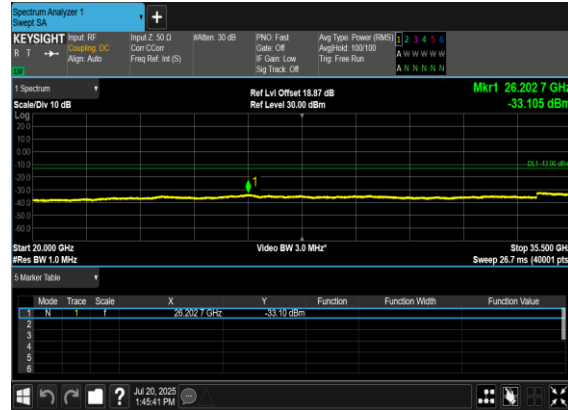
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	---
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	---
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	---
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	---
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	---
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS



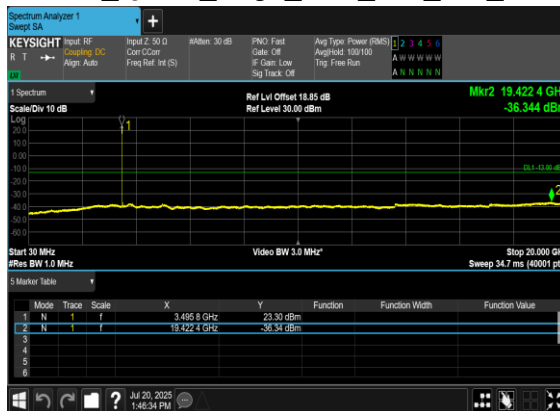
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



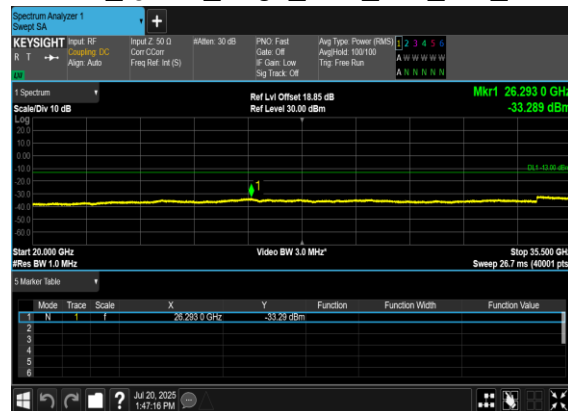
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

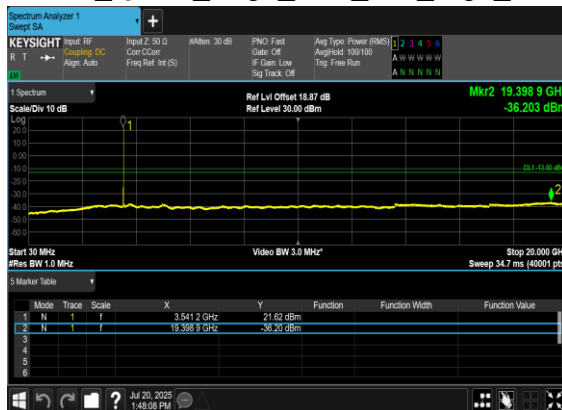


N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

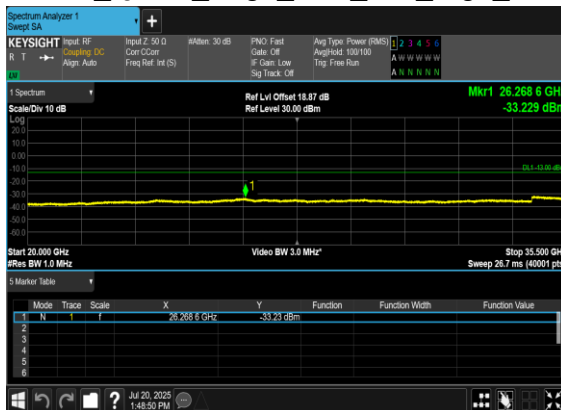




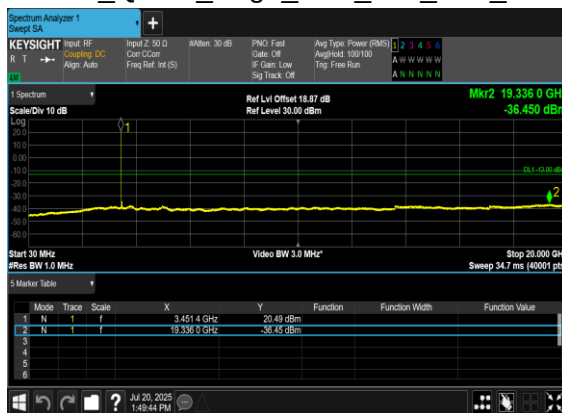
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



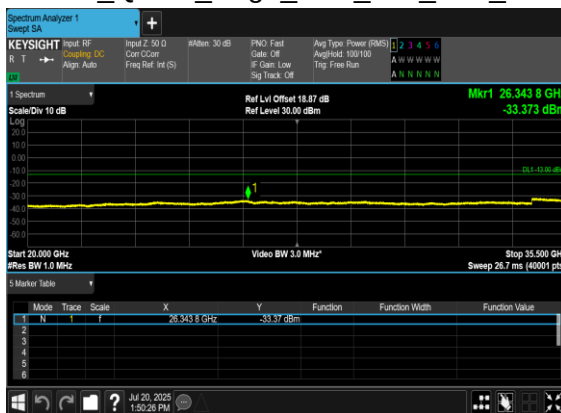
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



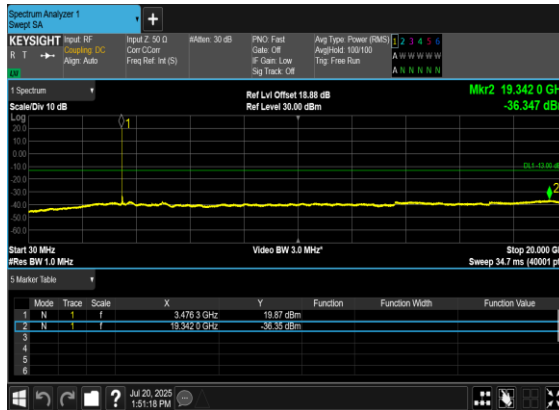
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



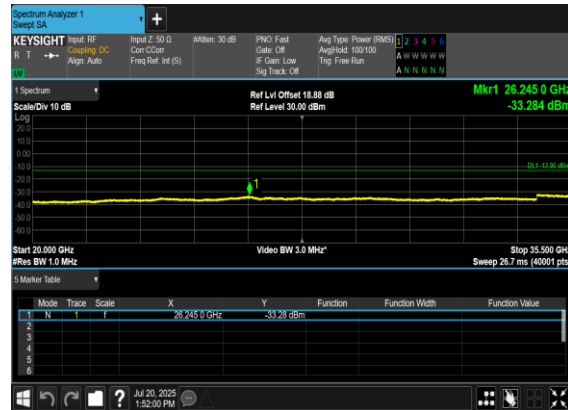
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



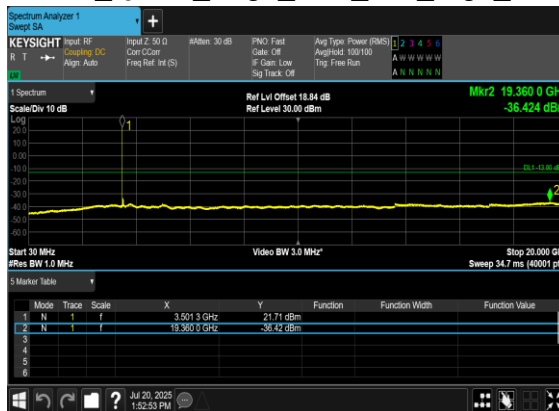
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



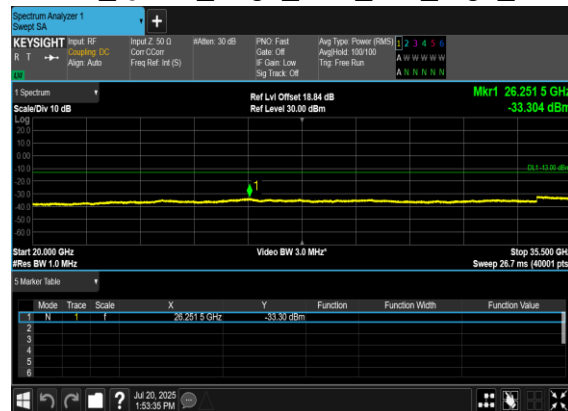
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH





N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

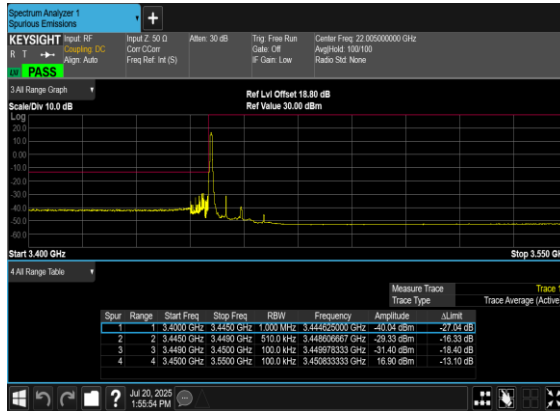


**Conducted Band Edge**

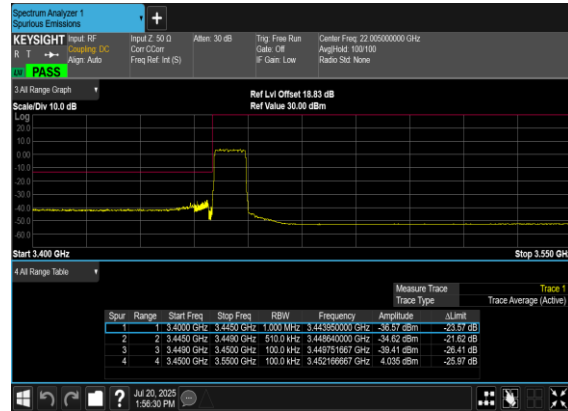
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	PASS
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	50	631668	3475.02	CP-OFDM QPSK	133@0	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	1@132	see graph	PASS
77	30	50	635000	3525.0	CP-OFDM QPSK	133@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	PASS
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	PASS



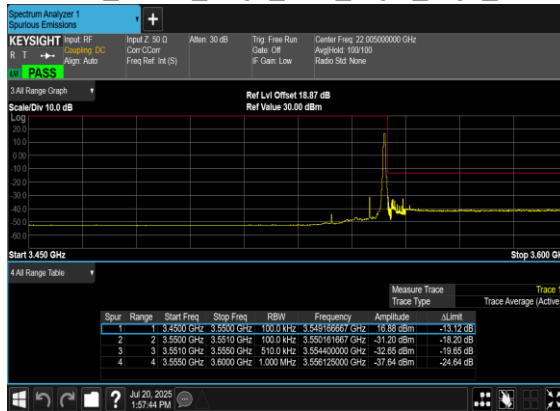
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



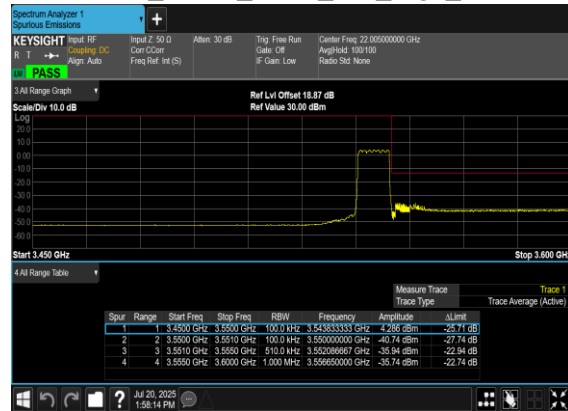
N77(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH

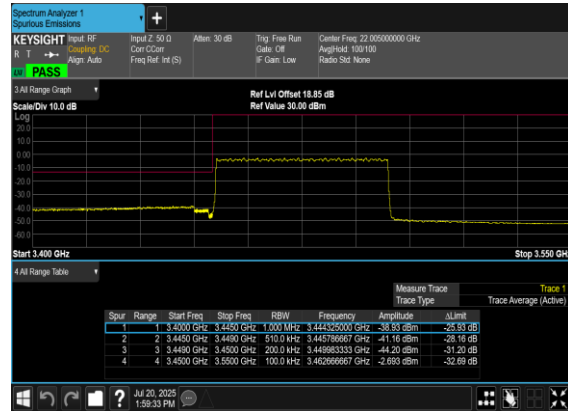




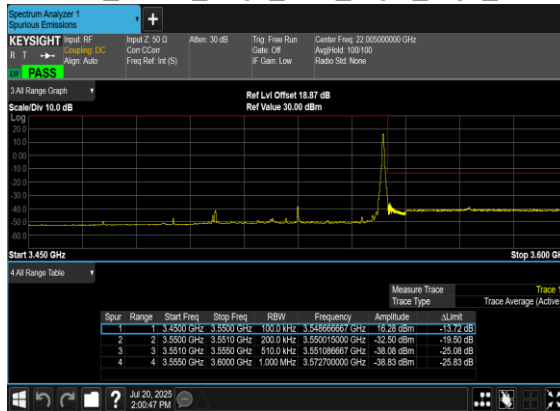
N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



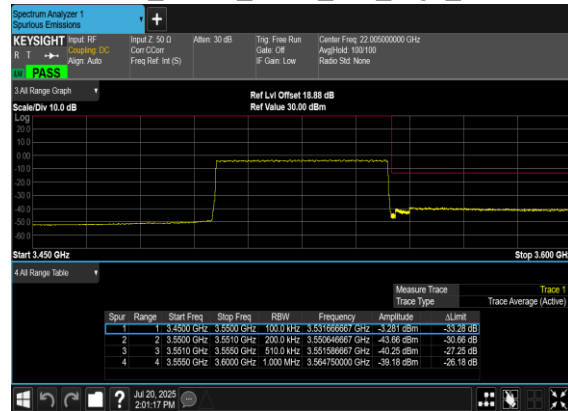
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

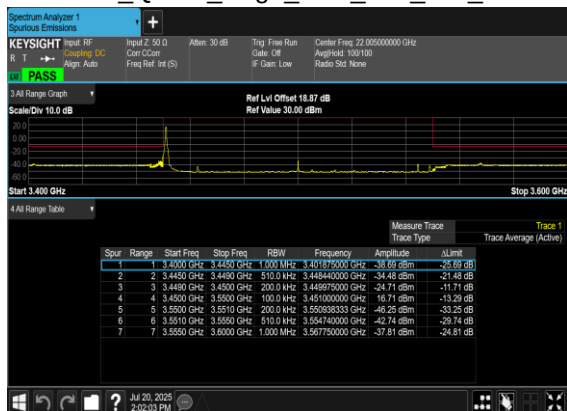


N77(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH

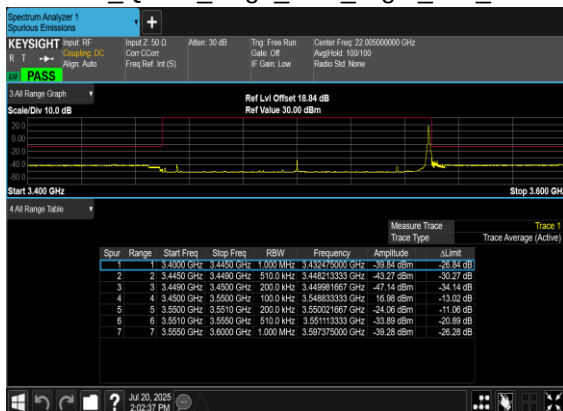




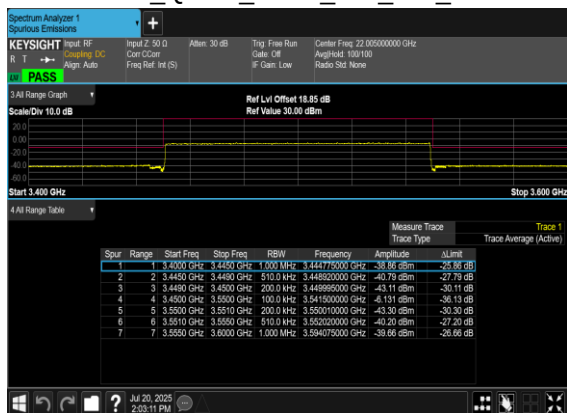
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH





FR1 N78 Ant 5_15kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)= 1.32 dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	25@12	25.96	27.28	0.5346
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.94	27.26	0.5321
78	15	10	630334	3455.01	DFT-s-OFDM QPSK	1@50	25.89	27.21	0.5260
78	15	10	630334	3455.01	DFT-s-OFDM 16 QAM	25@12	24.96	26.28	0.4246
78	15	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	25.1	26.42	0.4385
78	15	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@50	25.04	26.36	0.4325
78	15	10	633334	3500.01	DFT-s-OFDM QPSK	25@12	25.81	27.13	0.5164
78	15	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.8	27.12	0.5152
78	15	10	633334	3500.01	DFT-s-OFDM QPSK	1@50	25.75	27.07	0.5093
78	15	10	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	24.85	26.17	0.4140
78	15	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.97	26.29	0.4256
78	15	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@50	24.91	26.23	0.4198
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	25@12	25.8	27.12	0.5152
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	1@1	25.77	27.09	0.5117
78	15	10	636333	3544.995	DFT-s-OFDM QPSK	1@50	25.82	27.14	0.5176
78	15	10	636333	3544.995	DFT-s-OFDM 16 QAM	25@12	24.83	26.15	0.4121
78	15	10	636333	3544.995	DFT-s-OFDM 16 QAM	1@1	24.95	26.27	0.4236
78	15	10	636333	3544.995	DFT-s-OFDM 16 QAM	1@50	24.96	26.28	0.4246
78	15	15	630500	3457.5	DFT-s-OFDM QPSK	36@18	25.96	27.28	0.5346
78	15	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	26.03	27.35	0.5433
78	15	15	630500	3457.5	DFT-s-OFDM QPSK	1@77	25.95	27.27	0.5333
78	15	15	630500	3457.5	DFT-s-OFDM 16 QAM	36@18	24.96	26.28	0.4246
78	15	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	25.16	26.48	0.4446
78	15	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@77	25.1	26.42	0.4385
78	15	15	633334	3500.01	DFT-s-OFDM QPSK	36@18	25.84	27.16	0.5200
78	15	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.85	27.17	0.5212
78	15	15	633334	3500.01	DFT-s-OFDM QPSK	1@77	25.75	27.07	0.5093
78	15	15	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	24.84	26.16	0.4130
78	15	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.04	26.36	0.4325
78	15	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@77	24.9	26.22	0.4188
78	15	15	636166	3542.49	DFT-s-OFDM QPSK	36@18	25.8	27.12	0.5152
78	15	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.85	27.17	0.5212
78	15	15	636166	3542.49	DFT-s-OFDM QPSK	1@77	25.84	27.16	0.5200
78	15	15	636166	3542.49	DFT-s-OFDM 16 QAM	36@18	24.8	26.12	0.4093
78	15	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.01	26.33	0.4295
78	15	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@77	25.02	26.34	0.4305



78	15	20	630667	3460.005	DFT-s-OFDM QPSK	50@25	25.97	27.29	0.5358
78	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@1	26.02	27.34	0.5420
78	15	20	630667	3460.005	DFT-s-OFDM QPSK	1@104	25.95	27.27	0.5333
78	15	20	630667	3460.005	DFT-s-OFDM 16 QAM	50@25	25.01	26.33	0.4295
78	15	20	630667	3460.005	DFT-s-OFDM 16 QAM	1@1	25.1	26.42	0.4385
78	15	20	630667	3460.005	DFT-s-OFDM 16 QAM	1@104	24.98	26.3	0.4266
78	15	20	633334	3500.01	DFT-s-OFDM QPSK	50@25	25.82	27.14	0.5176
78	15	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.89	27.21	0.5260
78	15	20	633334	3500.01	DFT-s-OFDM QPSK	1@104	25.8	27.12	0.5152
78	15	20	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	24.86	26.18	0.4150
78	15	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.02	26.34	0.4305
78	15	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	24.81	26.13	0.4102
78	15	20	636000	3540	DFT-s-OFDM QPSK	50@25	25.82	27.14	0.5176
78	15	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.84	27.16	0.5200
78	15	20	636000	3540	DFT-s-OFDM QPSK	1@104	25.87	27.19	0.5236
78	15	20	636000	3540	DFT-s-OFDM 16 QAM	50@25	24.84	26.16	0.4130
78	15	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	25.02	26.34	0.4305
78	15	20	636000	3540	DFT-s-OFDM 16 QAM	1@104	24.9	26.22	0.4188
78	15	25	630834	3462.51	DFT-s-OFDM QPSK	64@32	25.99	27.31	0.5383
78	15	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	26.03	27.35	0.5433
78	15	25	630834	3462.51	DFT-s-OFDM QPSK	1@131	25.88	27.2	0.5248
78	15	25	630834	3462.51	DFT-s-OFDM 16 QAM	64@32	24.97	26.29	0.4256
78	15	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	25.22	26.54	0.4508
78	15	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@131	24.94	26.26	0.4227
78	15	25	633334	3500.01	DFT-s-OFDM QPSK	64@32	25.87	27.19	0.5236
78	15	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.86	27.18	0.5224
78	15	25	633334	3500.01	DFT-s-OFDM QPSK	1@131	25.74	27.06	0.5082
78	15	25	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	24.85	26.17	0.4140
78	15	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.04	26.36	0.4325
78	15	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	24.82	26.14	0.4111
78	15	25	635833	3537.495	DFT-s-OFDM QPSK	64@32	25.88	27.2	0.5248
78	15	25	635833	3537.495	DFT-s-OFDM QPSK	1@1	25.85	27.17	0.5212
78	15	25	635833	3537.495	DFT-s-OFDM QPSK	1@131	25.83	27.15	0.5188
78	15	25	635833	3537.495	DFT-s-OFDM 16 QAM	64@32	24.86	26.18	0.4150
78	15	25	635833	3537.495	DFT-s-OFDM 16 QAM	1@1	24.99	26.31	0.4276
78	15	25	635833	3537.495	DFT-s-OFDM 16 QAM	1@131	24.89	26.21	0.4178
78	15	30	631000	3465	DFT-s-OFDM QPSK	80@40	26.02	27.34	0.5420
78	15	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.11	27.43	0.5534
78	15	30	631000	3465	DFT-s-OFDM QPSK	1@158	25.94	27.26	0.5321
78	15	30	631000	3465	DFT-s-OFDM 16 QAM	80@40	24.99	26.31	0.4276
78	15	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.29	26.61	0.4581
78	15	30	631000	3465	DFT-s-OFDM 16 QAM	1@158	24.97	26.29	0.4256
78	15	30	633334	3500.01	DFT-s-OFDM QPSK	80@40	25.92	27.24	0.5297
78	15	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.94	27.26	0.5321
78	15	30	633334	3500.01	DFT-s-OFDM QPSK	1@158	25.77	27.09	0.5117



78	15	30	633334	3500.01	DFT-s-OFDM 16 QAM	80@40	24.9	26.22	0.4188
78	15	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.1	26.42	0.4385
78	15	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@158	24.85	26.17	0.4140
78	15	30	635666	3534.99	DFT-s-OFDM QPSK	80@40	25.89	27.21	0.5260
78	15	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.93	27.25	0.5309
78	15	30	635666	3534.99	DFT-s-OFDM QPSK	1@158	25.93	27.25	0.5309
78	15	30	635666	3534.99	DFT-s-OFDM 16 QAM	80@40	24.88	26.2	0.4169
78	15	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	25.11	26.43	0.4395
78	15	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@158	24.96	26.28	0.4246
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	108@54	25.98	27.3	0.5370
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.1	27.42	0.5521
78	15	40	631334	3470.01	DFT-s-OFDM QPSK	1@214	25.83	27.15	0.5188
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	108@54	25	26.32	0.4285
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.24	26.56	0.4529
78	15	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@214	25.01	26.33	0.4295
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	108@54	25.91	27.23	0.5284
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.96	27.28	0.5346
78	15	40	633334	3500.01	DFT-s-OFDM QPSK	1@214	25.75	27.07	0.5093
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	24.92	26.24	0.4207
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.08	26.4	0.4365
78	15	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@214	24.93	26.25	0.4217
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	108@54	25.89	27.21	0.5260
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@1	25.93	27.25	0.5309
78	15	40	635333	3529.995	DFT-s-OFDM QPSK	1@214	25.85	27.17	0.5212
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	108@54	24.88	26.2	0.4169
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@1	25.1	26.42	0.4385
78	15	40	635333	3529.995	DFT-s-OFDM 16 QAM	1@214	25.01	26.33	0.4295
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	135@67	25.99	27.31	0.5383
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@1	26.02	27.34	0.5420
78	15	50	631667	3475.005	DFT-s-OFDM PI/2 BPSK	1@268	25.76	27.08	0.5105
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	135@67	25.98	27.3	0.5370
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@1	26.13	27.45	0.5559
78	15	50	631667	3475.005	DFT-s-OFDM QPSK	1@268	25.83	27.15	0.5188
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	135@67	25	26.32	0.4285
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@1	25.23	26.55	0.4519
78	15	50	631667	3475.005	DFT-s-OFDM 16 QAM	1@268	24.98	26.3	0.4266
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	135@67	23.49	24.81	0.3027
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@1	23.37	24.69	0.2944
78	15	50	631667	3475.005	DFT-s-OFDM 64 QAM	1@268	23.1	24.42	0.2767
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	135@67	21.45	22.77	0.1892
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@1	21.46	22.78	0.1897
78	15	50	631667	3475.005	DFT-s-OFDM 256 QAM	1@268	21.21	22.53	0.1791
78	15	50	631667	3475.005	CP-OFDM QPSK	135@67	24.49	25.81	0.3811
78	15	50	631667	3475.005	CP-OFDM QPSK	1@1	24.56	25.88	0.3873
78	15	50	631667	3475.005	CP-OFDM QPSK	1@268	24.26	25.58	0.3614



78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.92	27.24	0.5297
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.89	27.21	0.5260
78	15	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@268	25.67	26.99	0.5000
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.9	27.22	0.5272
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.99	27.31	0.5383
78	15	50	633334	3500.01	DFT-s-OFDM QPSK	1@268	25.75	27.07	0.5093
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.91	26.23	0.4198
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.03	26.35	0.4315
78	15	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@268	24.9	26.22	0.4188
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.41	24.73	0.2972
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.17	24.49	0.2812
78	15	50	633334	3500.01	DFT-s-OFDM 64 QAM	1@268	23.03	24.35	0.2723
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.4	22.72	0.1871
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.34	22.66	0.1845
78	15	50	633334	3500.01	DFT-s-OFDM 256 QAM	1@268	21.12	22.44	0.1754
78	15	50	633334	3500.01	CP-OFDM QPSK	135@67	24.4	25.72	0.3733
78	15	50	633334	3500.01	CP-OFDM QPSK	1@1	24.44	25.76	0.3767
78	15	50	633334	3500.01	CP-OFDM QPSK	1@268	24.17	25.49	0.3540
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	135@67	25.89	27.21	0.5260
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	25.91	27.23	0.5284
78	15	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@268	25.74	27.06	0.5082
78	15	50	635000	3525	DFT-s-OFDM QPSK	135@67	25.88	27.2	0.5248
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.01	27.33	0.5408
78	15	50	635000	3525	DFT-s-OFDM QPSK	1@268	25.81	27.13	0.5164
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	135@67	24.9	26.22	0.4188
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.07	26.39	0.4355
78	15	50	635000	3525	DFT-s-OFDM 16 QAM	1@268	25.01	26.33	0.4295
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	135@67	23.41	24.73	0.2972
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@1	23.21	24.53	0.2838
78	15	50	635000	3525	DFT-s-OFDM 64 QAM	1@268	23.17	24.49	0.2812
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	135@67	21.38	22.7	0.1862
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@1	21.35	22.67	0.1849
78	15	50	635000	3525	DFT-s-OFDM 256 QAM	1@268	21.22	22.54	0.1795
78	15	50	635000	3525	CP-OFDM QPSK	135@67	24.42	25.74	0.3750
78	15	50	635000	3525	CP-OFDM QPSK	1@1	24.46	25.78	0.3784
78	15	50	635000	3525	CP-OFDM QPSK	1@268	24.28	25.6	0.3631



Software Version: 23.06.1602

FR1 N78 Ant 5_30kHz

Transmitter Conducted Output Power And EIRP, (GT - LC)=1.32 dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	12@6	25.71	27.03	0.5047
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.72	27.04	0.5058
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@22	25.62	26.94	0.4943
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	12@6	24.76	26.08	0.4055
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	24.79	26.11	0.4083
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@22	24.64	25.96	0.3945
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	12@6	25.8	27.12	0.5152
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.62	26.94	0.4943
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@22	25.55	26.87	0.4864
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	12@6	24.61	25.93	0.3917
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.69	26.01	0.3990
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@22	24.6	25.92	0.3908
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	12@6	25.73	27.05	0.5070
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.61	26.93	0.4932
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@22	25.6	26.92	0.4920
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	12@6	24.68	26	0.3981
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.67	25.99	0.3972
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@22	24.64	25.96	0.3945
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	18@9	25.83	27.15	0.5188
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.75	27.07	0.5093
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@36	25.69	27.01	0.5023
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	18@9	24.79	26.11	0.4083
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	24.75	26.07	0.4046
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@36	24.67	25.99	0.3972
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	18@9	25.74	27.06	0.5082
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.68	27	0.5012
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@36	25.58	26.9	0.4898
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	18@9	24.73	26.05	0.4027
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.68	26	0.3981
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@36	24.64	25.96	0.3945
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	18@9	25.71	27.03	0.5047
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.67	26.99	0.5000
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@36	25.63	26.95	0.4955
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	18@9	24.74	26.06	0.4036
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.72	26.04	0.4018



78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@36	24.63	25.95	0.3936
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	25@12	25.8	27.12	0.5152
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.8	27.12	0.5152
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@49	25.64	26.96	0.4966
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	25@12	24.8	26.12	0.4093
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	24.78	26.1	0.4074
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@49	24.64	25.96	0.3945
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	25@12	25.73	27.05	0.5070
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.66	26.98	0.4989
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@49	25.6	26.92	0.4920
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	25@12	24.76	26.08	0.4055
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.69	26.01	0.3990
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@49	24.56	25.88	0.3873
78	30	20	636000	3540	DFT-s-OFDM QPSK	25@12	25.71	27.03	0.5047
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.68	27	0.5012
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@49	25.59	26.91	0.4909
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	25@12	24.75	26.07	0.4046
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.69	26.01	0.3990
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@49	24.64	25.96	0.3945
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	32@16	25.78	27.1	0.5129
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	25.83	27.15	0.5188
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@63	25.69	27.01	0.5023
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	32@16	24.78	26.1	0.4074
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.84	26.16	0.4130
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@63	24.7	26.02	0.3999
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	32@16	25.75	27.07	0.5093
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.76	27.08	0.5105
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@63	25.6	26.92	0.4920
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	32@16	24.76	26.08	0.4055
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.77	26.09	0.4064
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@63	24.6	25.92	0.3908
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	32@16	25.76	27.08	0.5105
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.73	27.05	0.5070
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@63	25.6	26.92	0.4920
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	32@16	24.7	26.02	0.3999
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.74	26.06	0.4036
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@63	24.6	25.92	0.3908
78	30	30	631000	3465	DFT-s-OFDM QPSK	36@18	25.79	27.11	0.5140
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.9	27.22	0.5272
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@76	25.73	27.05	0.5070
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	36@18	24.82	26.14	0.4111
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	24.88	26.2	0.4169
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@76	24.71	26.03	0.4009
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	36@18	25.78	27.1	0.5129



78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.82	27.14	0.5176
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@76	25.62	26.94	0.4943
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	36@18	24.76	26.08	0.4055
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.81	26.13	0.4102
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@76	24.64	25.96	0.3945
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	36@18	25.73	27.05	0.5070
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	25.82	27.14	0.5176
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@76	25.67	26.99	0.5000
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	36@18	24.71	26.03	0.4009
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	24.8	26.12	0.4093
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@76	24.64	25.96	0.3945
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	50@25	25.84	27.16	0.5200
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.95	27.27	0.5333
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@104	25.72	27.04	0.5058
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	50@25	24.84	26.16	0.4130
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	24.92	26.24	0.4207
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@104	24.7	26.02	0.3999
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	50@25	25.75	27.07	0.5093
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.86	27.18	0.5224
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@104	25.61	26.93	0.4932
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	50@25	24.77	26.09	0.4064
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.85	26.17	0.4140
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@104	24.63	25.95	0.3936
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	50@25	25.83	27.15	0.5188
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	25.85	27.17	0.5212
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@104	25.66	26.98	0.4989
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	50@25	24.78	26.1	0.4074
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	24.83	26.15	0.4121
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@104	24.7	26.02	0.3999
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	64@32	25.85	27.17	0.5212
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.95	27.27	0.5333
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@131	25.7	27.02	0.5035
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	64@32	24.85	26.17	0.4140
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	24.96	26.28	0.4246
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@131	24.69	26.01	0.3990
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	64@32	25.83	27.15	0.5188
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.92	27.24	0.5297
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@131	25.61	26.93	0.4932
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	64@32	24.82	26.14	0.4111
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.89	26.21	0.4178
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@131	24.62	25.94	0.3926
78	30	50	635000	3525	DFT-s-OFDM QPSK	64@32	25.79	27.11	0.5140
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	25.89	27.21	0.5260
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@131	25.62	26.94	0.4943



78	30	50	635000	3525	DFT-s-OFDM 16 QAM	64@32	24.77	26.09	0.4064
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	24.91	26.23	0.4198
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@131	24.66	25.98	0.3963
78	30	60	632000	3480	DFT-s-OFDM QPSK	81@40	25.81	27.13	0.5164
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.07	27.39	0.5483
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@160	25.7	27.02	0.5035
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	81@40	24.81	26.13	0.4102
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.09	26.41	0.4375
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@160	24.72	26.04	0.4018
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	81@40	25.76	27.08	0.5105
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.97	27.29	0.5358
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@160	25.65	26.97	0.4977
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	81@40	24.79	26.11	0.4083
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.02	26.34	0.4305
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@160	24.7	26.02	0.3999
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	81@40	25.74	27.06	0.5082
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.92	27.24	0.5297
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@160	25.62	26.94	0.4943
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	81@40	24.72	26.04	0.4018
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.99	26.31	0.4276
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@160	24.72	26.04	0.4018
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	90@45	25.84	27.16	0.5200
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	26	27.32	0.5395
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@187	25.55	26.87	0.4864
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	90@45	24.89	26.21	0.4178
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.03	26.35	0.4315
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@187	24.59	25.91	0.3899
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	90@45	25.79	27.11	0.5140
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.96	27.28	0.5346
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@187	25.54	26.86	0.4853
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	90@45	24.82	26.14	0.4111
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.02	26.34	0.4305
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@187	24.54	25.86	0.3855
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	90@45	25.77	27.09	0.5117
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.98	27.3	0.5370
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@187	25.53	26.85	0.4842
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	90@45	24.8	26.12	0.4093
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	25.01	26.33	0.4295
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@187	24.54	25.86	0.3855
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	108@54	25.88	27.2	0.5248
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.05	27.37	0.5458
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@215	25.6	26.92	0.4920
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	108@54	24.86	26.18	0.4150
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.09	26.41	0.4375



78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@215	24.69	26.01	0.3990
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	108@54	25.81	27.13	0.5164
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.04	27.36	0.5445
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@215	25.58	26.9	0.4898
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	108@54	24.81	26.13	0.4102
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.06	26.38	0.4345
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@215	24.59	25.91	0.3899
78	30	80	634000	3510	DFT-s-OFDM QPSK	108@54	25.83	27.15	0.5188
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26.08	27.4	0.5495
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@215	25.57	26.89	0.4887
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	108@54	24.82	26.14	0.4111
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.12	26.44	0.4406
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@215	24.66	25.98	0.3963
78	30	90	633000	3495	DFT-s-OFDM QPSK	120@60	25.87	27.19	0.5236
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.09	27.41	0.5508
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@243	25.53	26.85	0.4842
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	120@60	24.88	26.2	0.4169
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.09	26.41	0.4375
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@243	24.6	25.92	0.3908
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	120@60	25.85	27.17	0.5212
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.05	27.37	0.5458
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@243	25.5	26.82	0.4808
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	120@60	24.83	26.15	0.4121
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.12	26.44	0.4406
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@243	24.56	25.88	0.3873
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	120@60	25.85	27.17	0.5212
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.08	27.4	0.5495
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@243	25.56	26.88	0.4875
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	120@60	24.8	26.12	0.4093
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.12	26.44	0.4406
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@243	24.63	25.95	0.3936
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	25.83	27.15	0.5188
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.09	27.41	0.5508
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	25.61	26.93	0.4932
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	25.82	27.14	0.5176
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.13	27.45	0.5559
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.54	26.86	0.4853
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	24.79	26.11	0.4083
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.14	26.46	0.4426
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.69	26.01	0.3990
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.34	24.66	0.2924
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.87	25.19	0.3304
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.3	24.62	0.2897
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.34	22.66	0.1845



78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.43	22.75	0.1884
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	20.98	22.3	0.1698
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	24.29	25.61	0.3639
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.5	25.82	0.3819
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.08	25.4	0.3467



Software Version: 23.06.1602

FR1 n78 UL MIMO(Ant 5+6)-15 kHz**Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1.32dBi**

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	10	630334	3455.01	CP-OFDM QPSK	26@13	20.74	20.99	23.88	25.20	0.3311
78	15	10	630334	3455.01	CP-OFDM QPSK	1@1	20.6	20.97	23.80	25.12	0.3251
78	15	10	630334	3455.01	CP-OFDM QPSK	1@50	20.8	20.91	23.87	25.19	0.3304
78	15	10	630334	3455.01	CP-OFDM 16 QAM	26@13	20.18	20.46	23.33	24.65	0.2917
78	15	10	630334	3455.01	CP-OFDM 16 QAM	1@1	20.36	20.47	23.43	24.75	0.2985
78	15	10	630334	3455.01	CP-OFDM 16 QAM	1@50	20.35	20.47	23.42	24.74	0.2979
78	15	10	633334	3500.01	CP-OFDM QPSK	26@13	20.66	21.19	23.94	25.26	0.3357
78	15	10	633334	3500.01	CP-OFDM QPSK	1@1	20.7	21.19	23.96	25.28	0.3373
78	15	10	633334	3500.01	CP-OFDM QPSK	1@50	20.56	21.2	23.90	25.22	0.3327
78	15	10	633334	3500.01	CP-OFDM 16 QAM	26@13	20.15	20.7	23.44	24.76	0.2992
78	15	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.29	20.74	23.53	24.85	0.3055
78	15	10	633334	3500.01	CP-OFDM 16 QAM	1@50	20.26	20.68	23.49	24.81	0.3027
78	15	10	636333	3544.995	CP-OFDM QPSK	26@13	20.89	21.39	24.16	25.48	0.3532
78	15	10	636333	3544.995	CP-OFDM QPSK	1@1	20.55	21.34	23.97	25.29	0.3381
78	15	10	636333	3544.995	CP-OFDM QPSK	1@50	20.66	21.4	24.06	25.38	0.3451
78	15	10	636333	3544.995	CP-OFDM 16 QAM	26@13	20.35	20.87	23.63	24.95	0.3126
78	15	10	636333	3544.995	CP-OFDM 16 QAM	1@1	20.38	20.9	23.66	24.98	0.3148
78	15	10	636333	3544.995	CP-OFDM 16 QAM	1@50	20.51	20.94	23.74	25.06	0.3206
78	15	15	630500	3457.5	CP-OFDM QPSK	39@19	20.93	21.05	24.00	25.32	0.3404
78	15	15	630500	3457.5	CP-OFDM QPSK	1@1	20.75	21.03	23.90	25.22	0.3327
78	15	15	630500	3457.5	CP-OFDM QPSK	1@77	20.71	21.17	23.96	25.28	0.3373
78	15	15	630500	3457.5	CP-OFDM 16 QAM	39@19	20.42	20.57	23.51	24.83	0.3041
78	15	15	630500	3457.5	CP-OFDM 16 QAM	1@1	20.56	20.61	23.60	24.92	0.3105
78	15	15	630500	3457.5	CP-OFDM 16 QAM	1@77	20.49	20.74	23.63	24.95	0.3126
78	15	15	633334	3500.01	CP-OFDM QPSK	39@19	20.7	21.35	24.05	25.37	0.3443
78	15	15	633334	3500.01	CP-OFDM QPSK	1@1	20.64	21.26	23.97	25.29	0.3381
78	15	15	633334	3500.01	CP-OFDM QPSK	1@77	20.7	21.2	23.97	25.29	0.3381
78	15	15	633334	3500.01	CP-OFDM 16 QAM	39@19	20.21	20.81	23.53	24.85	0.3055



78	15	15	633334	3500.01	CP-OFDM 16 QAM	1@1	20.45	20.85	23.66	24.98	0.3148
78	15	15	633334	3500.01	CP-OFDM 16 QAM	1@77	20.41	20.81	23.62	24.94	0.3119
78	15	15	636166	3542.49	CP-OFDM QPSK	39@19	20.78	21.39	24.11	25.43	0.3491
78	15	15	636166	3542.49	CP-OFDM QPSK	1@1	20.67	21.28	24.00	25.32	0.3404
78	15	15	636166	3542.49	CP-OFDM QPSK	1@77	20.73	21.51	24.15	25.47	0.3524
78	15	15	636166	3542.49	CP-OFDM 16 QAM	39@19	20.17	20.96	23.59	24.91	0.3097
78	15	15	636166	3542.49	CP-OFDM 16 QAM	1@1	20.35	20.8	23.59	24.91	0.3097
78	15	15	636166	3542.49	CP-OFDM 16 QAM	1@77	20.45	20.98	23.73	25.05	0.3199
78	15	20	630667	3460.005	CP-OFDM QPSK	53@26	20.8	21.18	24.00	25.32	0.3404
78	15	20	630667	3460.005	CP-OFDM QPSK	1@1	20.78	21.07	23.94	25.26	0.3357
78	15	20	630667	3460.005	CP-OFDM QPSK	1@104	20.73	21.18	23.97	25.29	0.3381
78	15	20	630667	3460.005	CP-OFDM 16 QAM	53@26	20.46	20.67	23.58	24.90	0.3090
78	15	20	630667	3460.005	CP-OFDM 16 QAM	1@1	20.57	20.74	23.67	24.99	0.3155
78	15	20	630667	3460.005	CP-OFDM 16 QAM	1@104	20.52	20.74	23.64	24.96	0.3133
78	15	20	633334	3500.01	CP-OFDM QPSK	53@26	20.86	21.28	24.09	25.41	0.3475
78	15	20	633334	3500.01	CP-OFDM QPSK	1@1	20.71	21.28	24.01	25.33	0.3412
78	15	20	633334	3500.01	CP-OFDM QPSK	1@104	20.76	21.15	23.97	25.29	0.3381
78	15	20	633334	3500.01	CP-OFDM 16 QAM	53@26	20.23	20.79	23.53	24.85	0.3055
78	15	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.47	20.91	23.71	25.03	0.3184
78	15	20	633334	3500.01	CP-OFDM 16 QAM	1@104	20.48	20.7	23.60	24.92	0.3105
78	15	20	636000	3540	CP-OFDM QPSK	53@26	20.61	21.4	24.03	25.35	0.3428
78	15	20	636000	3540	CP-OFDM QPSK	1@1	20.65	21.18	23.93	25.25	0.3350
78	15	20	636000	3540	CP-OFDM QPSK	1@104	20.8	21.32	24.08	25.40	0.3467
78	15	20	636000	3540	CP-OFDM 16 QAM	53@26	20.16	20.82	23.51	24.83	0.3041
78	15	20	636000	3540	CP-OFDM 16 QAM	1@1	20.36	20.75	23.57	24.89	0.3083
78	15	20	636000	3540	CP-OFDM 16 QAM	1@104	20.57	20.9	23.75	25.07	0.3214
78	15	25	630834	3462.51	CP-OFDM QPSK	67@33	20.88	21.37	24.14	25.46	0.3516
78	15	25	630834	3462.51	CP-OFDM QPSK	1@1	20.8	21.16	23.99	25.31	0.3396
78	15	25	630834	3462.51	CP-OFDM QPSK	1@131	20.71	21.3	24.03	25.35	0.3428
78	15	25	630834	3462.51	CP-OFDM 16 QAM	67@33	20.4	20.85	23.64	24.96	0.3133
78	15	25	630834	3462.51	CP-OFDM 16 QAM	1@1	20.56	20.68	23.63	24.95	0.3126
78	15	25	630834	3462.51	CP-OFDM 16 QAM	1@131	20.51	20.91	23.72	25.04	0.3192
78	15	25	633334	3500.01	CP-OFDM QPSK	67@33	20.73	21.32	24.05	25.37	0.3443
78	15	25	633334	3500.01	CP-OFDM QPSK	1@1	20.74	21.34	24.06	25.38	0.3451
78	15	25	633334	3500.01	CP-OFDM QPSK	1@131	20.61	21.29	23.97	25.29	0.3381



78	15	25	633334	3500.01	CP-OFDM 16 QAM	67@33	20.38	20.86	23.64	24.96	0.3133
78	15	25	633334	3500.01	CP-OFDM 16 QAM	1@1	20.52	20.91	23.73	25.05	0.3199
78	15	25	633334	3500.01	CP-OFDM 16 QAM	1@131	20.44	20.81	23.64	24.96	0.3133
78	15	25	635833	3537.495	CP-OFDM QPSK	67@33	20.78	21.28	24.05	25.37	0.3443
78	15	25	635833	3537.495	CP-OFDM QPSK	1@1	20.54	21.18	23.88	25.20	0.3311
78	15	25	635833	3537.495	CP-OFDM QPSK	1@131	20.63	21.43	24.06	25.38	0.3451
78	15	25	635833	3537.495	CP-OFDM 16 QAM	67@33	20.33	20.83	23.60	24.92	0.3105
78	15	25	635833	3537.495	CP-OFDM 16 QAM	1@1	20.38	20.72	23.56	24.88	0.3076
78	15	25	635833	3537.495	CP-OFDM 16 QAM	1@131	20.4	21.03	23.74	25.06	0.3206
78	15	30	631000	3465	CP-OFDM QPSK	80@40	20.78	21.18	23.99	25.31	0.3396
78	15	30	631000	3465	CP-OFDM QPSK	1@1	20.71	21.06	23.90	25.22	0.3327
78	15	30	631000	3465	CP-OFDM QPSK	1@158	20.83	21.32	24.09	25.41	0.3475
78	15	30	631000	3465	CP-OFDM 16 QAM	80@40	20.27	20.67	23.48	24.80	0.3020
78	15	30	631000	3465	CP-OFDM 16 QAM	1@1	20.66	20.62	23.65	24.97	0.3141
78	15	30	631000	3465	CP-OFDM 16 QAM	1@158	20.52	21.01	23.78	25.10	0.3236
78	15	30	633334	3500.01	CP-OFDM QPSK	80@40	20.77	21.44	24.13	25.45	0.3508
78	15	30	633334	3500.01	CP-OFDM QPSK	1@1	20.67	21.31	24.01	25.33	0.3412
78	15	30	633334	3500.01	CP-OFDM QPSK	1@158	20.69	21.32	24.03	25.35	0.3428
78	15	30	633334	3500.01	CP-OFDM 16 QAM	80@40	20.24	20.84	23.56	24.88	0.3076
78	15	30	633334	3500.01	CP-OFDM 16 QAM	1@1	20.46	21.02	23.76	25.08	0.3221
78	15	30	633334	3500.01	CP-OFDM 16 QAM	1@158	20.47	20.93	23.72	25.04	0.3192
78	15	30	635666	3534.99	CP-OFDM QPSK	80@40	20.76	21.56	24.19	25.51	0.3556
78	15	30	635666	3534.99	CP-OFDM QPSK	1@1	20.6	21.35	24.00	25.32	0.3404
78	15	30	635666	3534.99	CP-OFDM QPSK	1@158	20.85	21.55	24.22	25.54	0.3581
78	15	30	635666	3534.99	CP-OFDM 16 QAM	80@40	20.34	20.94	23.66	24.98	0.3148
78	15	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.42	20.91	23.68	25.00	0.3162
78	15	30	635666	3534.99	CP-OFDM 16 QAM	1@158	20.62	21.13	23.89	25.21	0.3319
78	15	40	631334	3470.01	CP-OFDM QPSK	108@54	20.87	21.28	24.09	25.41	0.3475
78	15	40	631334	3470.01	CP-OFDM QPSK	1@1	20.8	21.08	23.95	25.27	0.3365
78	15	40	631334	3470.01	CP-OFDM QPSK	1@214	20.73	21.43	24.10	25.42	0.3483
78	15	40	631334	3470.01	CP-OFDM 16 QAM	108@54	20.34	20.81	23.59	24.91	0.3097
78	15	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.57	20.7	23.65	24.97	0.3141
78	15	40	631334	3470.01	CP-OFDM 16 QAM	1@214	20.52	21.03	23.79	25.11	0.3243
78	15	40	633334	3500.01	CP-OFDM QPSK	108@54	20.8	21.47	24.16	25.48	0.3532
78	15	40	633334	3500.01	CP-OFDM QPSK	1@1	20.69	21.38	24.06	25.38	0.3451



78	15	40	633334	3500.01	CP-OFDM QPSK	1@214	20.64	21.38	24.04	25.36	0.3436
78	15	40	633334	3500.01	CP-OFDM 16 QAM	108@54	20.27	20.87	23.59	24.91	0.3097
78	15	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.42	20.87	23.66	24.98	0.3148
78	15	40	633334	3500.01	CP-OFDM 16 QAM	1@214	20.35	20.88	23.63	24.95	0.3126
78	15	40	635333	3529.995	CP-OFDM QPSK	108@54	20.66	21.41	24.06	25.38	0.3451
78	15	40	635333	3529.995	CP-OFDM QPSK	1@1	20.59	21.25	23.94	25.26	0.3357
78	15	40	635333	3529.995	CP-OFDM QPSK	1@214	20.8	21.48	24.16	25.48	0.3532
78	15	40	635333	3529.995	CP-OFDM 16 QAM	108@54	20.3	20.91	23.63	24.95	0.3126
78	15	40	635333	3529.995	CP-OFDM 16 QAM	1@1	20.37	20.85	23.63	24.95	0.3126
78	15	40	635333	3529.995	CP-OFDM 16 QAM	1@214	20.5	21.09	23.82	25.14	0.3266
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	21.08	21.05	24.08	25.40	0.3467
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	20.79	20.92	23.87	25.19	0.3304
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	20.88	21.24	24.07	25.39	0.3459
78	15	50	648334	3725.01	CP-OFDM 16 QAM	135@67	20.57	20.65	23.62	24.94	0.3119
78	15	50	648334	3725.01	CP-OFDM 16 QAM	1@1	20.65	20.48	23.58	24.90	0.3090
78	15	50	648334	3725.01	CP-OFDM 16 QAM	1@268	20.7	20.71	23.72	25.04	0.3192
78	15	50	648334	3725.01	CP-OFDM 64 QAM	135@67	19.13	19.08	22.12	23.44	0.2208
78	15	50	648334	3725.01	CP-OFDM 64 QAM	1@1	18.93	18.76	21.86	23.18	0.2080
78	15	50	648334	3725.01	CP-OFDM 64 QAM	1@268	18.87	18.99	21.94	23.26	0.2118
78	15	50	648334	3725.01	CP-OFDM 256 QAM	135@67	16.1	16.2	19.16	20.48	0.1117
78	15	50	648334	3725.01	CP-OFDM 256 QAM	1@1	16.03	16.18	19.12	20.44	0.1107
78	15	50	648334	3725.01	CP-OFDM 256 QAM	1@268	16.24	16.34	19.30	20.62	0.1153
78	15	50	650000	3750	CP-OFDM QPSK	135@67	21.16	21.19	24.19	25.51	0.3556
78	15	50	650000	3750	CP-OFDM QPSK	1@1	20.87	21.06	23.98	25.30	0.3388
78	15	50	650000	3750	CP-OFDM QPSK	1@268	20.95	21.3	24.14	25.46	0.3516
78	15	50	650000	3750	CP-OFDM 16 QAM	135@67	20.64	20.76	23.71	25.03	0.3184
78	15	50	650000	3750	CP-OFDM 16 QAM	1@1	20.67	20.6	23.65	24.97	0.3141
78	15	50	650000	3750	CP-OFDM 16 QAM	1@268	20.71	20.9	23.82	25.14	0.3266
78	15	50	650000	3750	CP-OFDM 64 QAM	135@67	19.09	19.18	22.15	23.47	0.2223
78	15	50	650000	3750	CP-OFDM 64 QAM	1@1	18.94	18.81	21.89	23.21	0.2094
78	15	50	650000	3750	CP-OFDM 64 QAM	1@268	18.88	19.12	22.01	23.33	0.2153
78	15	50	650000	3750	CP-OFDM 256 QAM	135@67	16.11	16.16	19.15	20.47	0.1114
78	15	50	650000	3750	CP-OFDM 256 QAM	1@1	16.08	16.32	19.21	20.53	0.1130



78	15	50	650000	3750	CP-OFDM 256 QAM	1@268	16.23	16.53	19.39	20.71	0.1178
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	21.08	21.4	24.25	25.57	0.3606
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	20.91	21.1	24.02	25.34	0.3420
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	20.88	21.29	24.10	25.42	0.3483
78	15	50	651666	3774.99	CP-OFDM 16 QAM	135@67	20.64	20.82	23.74	25.06	0.3206
78	15	50	651666	3774.99	CP-OFDM 16 QAM	1@1	20.77	20.67	23.73	25.05	0.3199
78	15	50	651666	3774.99	CP-OFDM 16 QAM	1@268	20.73	20.8	23.78	25.10	0.3236
78	15	50	651666	3774.99	CP-OFDM 64 QAM	135@67	19.12	19.35	22.25	23.57	0.2275
78	15	50	651666	3774.99	CP-OFDM 64 QAM	1@1	18.82	18.99	21.92	23.24	0.2109
78	15	50	651666	3774.99	CP-OFDM 64 QAM	1@268	18.87	19.24	22.07	23.39	0.2183
78	15	50	651666	3774.99	CP-OFDM 256 QAM	135@67	16.12	16.38	19.26	20.58	0.1143
78	15	50	651666	3774.99	CP-OFDM 256 QAM	1@1	16.05	16.34	19.21	20.53	0.1130
78	15	50	651666	3774.99	CP-OFDM 256 QAM	1@268	16.14	16.6	19.39	20.71	0.1178



Software Version: 23.06.1602

FR1 n78 UL MIMO(Ant 5+6)-30 kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=1.32dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power(dBm)	ANT6 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	630334	3455.01	CP-OFDM QPSK	12@6	20.96	21.19	24.09	25.41	0.3475
78	30	10	630334	3455.01	CP-OFDM QPSK	1@1	20.85	21.06	23.97	25.29	0.3381
78	30	10	630334	3455.01	CP-OFDM QPSK	1@22	20.85	21.07	23.97	25.29	0.3381
78	30	10	630334	3455.01	CP-OFDM 16 QAM	12@6	20.22	20.63	23.44	24.76	0.2992
78	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	20.47	20.65	23.57	24.89	0.3083
78	30	10	630334	3455.01	CP-OFDM 16 QAM	1@22	20.39	20.66	23.54	24.86	0.3062
78	30	10	633334	3500.01	CP-OFDM QPSK	12@6	20.75	21.4	24.10	25.42	0.3483
78	30	10	633334	3500.01	CP-OFDM QPSK	1@1	20.86	21.23	24.06	25.38	0.3451
78	30	10	633334	3500.01	CP-OFDM QPSK	1@22	20.77	21.22	24.01	25.33	0.3412
78	30	10	633334	3500.01	CP-OFDM 16 QAM	12@6	20.34	20.81	23.59	24.91	0.3097
78	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	20.41	20.96	23.70	25.02	0.3177
78	30	10	633334	3500.01	CP-OFDM 16 QAM	1@22	20.37	20.82	23.61	24.93	0.3112
78	30	10	636332	3544.98	CP-OFDM QPSK	12@6	20.87	21.57	24.24	25.56	0.3597
78	30	10	636332	3544.98	CP-OFDM QPSK	1@1	20.9	21.41	24.17	25.49	0.3540
78	30	10	636332	3544.98	CP-OFDM QPSK	1@22	20.84	21.46	24.17	25.49	0.3540
78	30	10	636332	3544.98	CP-OFDM 16 QAM	12@6	20.22	20.98	23.63	24.95	0.3126
78	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	20.27	20.96	23.64	24.96	0.3133
78	30	10	636332	3544.98	CP-OFDM 16 QAM	1@22	20.29	21.08	23.71	25.03	0.3184
78	30	15	630500	3457.5	CP-OFDM QPSK	19@9	20.82	21.13	23.99	25.31	0.3396
78	30	15	630500	3457.5	CP-OFDM QPSK	1@1	20.87	21.04	23.97	25.29	0.3381
78	30	15	630500	3457.5	CP-OFDM QPSK	1@36	20.9	21.09	24.01	25.33	0.3412
78	30	15	630500	3457.5	CP-OFDM 16 QAM	19@9	20.49	20.71	23.61	24.93	0.3112
78	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	20.44	20.56	23.51	24.83	0.3041
78	30	15	630500	3457.5	CP-OFDM 16 QAM	1@36	20.44	20.65	23.56	24.88	0.3076
78	30	15	633334	3500.01	CP-OFDM QPSK	19@9	20.93	21.34	24.15	25.47	0.3524
78	30	15	633334	3500.01	CP-OFDM QPSK	1@1	20.82	21.2	24.02	25.34	0.3420
78	30	15	633334	3500.01	CP-OFDM QPSK	1@36	20.76	21.21	24.00	25.32	0.3404
78	30	15	633334	3500.01	CP-OFDM 16 QAM	19@9	20.46	20.76	23.62	24.94	0.3119



78	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	20.31	20.71	23.52	24.84	0.3048
78	30	15	633334	3500.01	CP-OFDM 16 QAM	1@36	20.34	20.72	23.54	24.86	0.3062
78	30	15	636166	3542.49	CP-OFDM QPSK	19@9	20.65	21.46	24.08	25.40	0.3467
78	30	15	636166	3542.49	CP-OFDM QPSK	1@1	20.69	21.2	23.96	25.28	0.3373
78	30	15	636166	3542.49	CP-OFDM QPSK	1@36	20.85	21.37	24.13	25.45	0.3508
78	30	15	636166	3542.49	CP-OFDM 16 QAM	19@9	20.28	21	23.67	24.99	0.3155
78	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	20.27	20.78	23.54	24.86	0.3062
78	30	15	636166	3542.49	CP-OFDM 16 QAM	1@36	20.37	20.94	23.67	24.99	0.3155
78	30	20	630668	3460.02	CP-OFDM QPSK	25@12	20.92	21.2	24.07	25.39	0.3459
78	30	20	630668	3460.02	CP-OFDM QPSK	1@1	20.85	21.08	23.98	25.30	0.3388
78	30	20	630668	3460.02	CP-OFDM QPSK	1@49	20.81	21.11	23.97	25.29	0.3381
78	30	20	630668	3460.02	CP-OFDM 16 QAM	25@12	20.43	20.77	23.61	24.93	0.3112
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	20.51	20.61	23.57	24.89	0.3083
78	30	20	630668	3460.02	CP-OFDM 16 QAM	1@49	20.35	20.71	23.54	24.86	0.3062
78	30	20	633334	3500.01	CP-OFDM QPSK	25@12	20.83	21.3	24.08	25.40	0.3467
78	30	20	633334	3500.01	CP-OFDM QPSK	1@1	20.9	21.22	24.07	25.39	0.3459
78	30	20	633334	3500.01	CP-OFDM QPSK	1@49	20.74	21.11	23.94	25.26	0.3357
78	30	20	633334	3500.01	CP-OFDM 16 QAM	25@12	20.33	20.84	23.60	24.92	0.3105
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	20.33	20.77	23.57	24.89	0.3083
78	30	20	633334	3500.01	CP-OFDM 16 QAM	1@49	20.29	20.76	23.54	24.86	0.3062
78	30	20	636000	3540	CP-OFDM QPSK	25@12	20.75	21.39	24.09	25.41	0.3475
78	30	20	636000	3540	CP-OFDM QPSK	1@1	20.67	21.18	23.94	25.26	0.3357
78	30	20	636000	3540	CP-OFDM QPSK	1@49	20.77	21.31	24.06	25.38	0.3451
78	30	20	636000	3540	CP-OFDM 16 QAM	25@12	20.24	20.84	23.56	24.88	0.3076
78	30	20	636000	3540	CP-OFDM 16 QAM	1@1	20.21	20.67	23.46	24.78	0.3006
78	30	20	636000	3540	CP-OFDM 16 QAM	1@49	20.35	20.9	23.64	24.96	0.3133
78	30	25	630834	3462.51	CP-OFDM QPSK	33@16	20.99	21.33	24.17	25.49	0.3540
78	30	25	630834	3462.51	CP-OFDM QPSK	1@1	20.81	21.13	23.98	25.30	0.3388
78	30	25	630834	3462.51	CP-OFDM QPSK	1@63	20.84	21.34	24.11	25.43	0.3491
78	30	25	630834	3462.51	CP-OFDM 16 QAM	33@16	20.46	20.8	23.64	24.96	0.3133
78	30	25	630834	3462.51	CP-OFDM 16 QAM	1@1	20.44	20.47	23.47	24.79	0.3013
78	30	25	630834	3462.51	CP-OFDM 16 QAM	1@63	20.49	20.84	23.68	25.00	0.3162
78	30	25	633334	3500.01	CP-OFDM QPSK	33@16	20.81	21.33	24.09	25.41	0.3475
78	30	25	633334	3500.01	CP-OFDM QPSK	1@1	20.7	21.35	24.05	25.37	0.3443
78	30	25	633334	3500.01	CP-OFDM QPSK	1@63	20.82	21.24	24.05	25.37	0.3443



78	30	25	633334	3500.01	CP-OFDM 16 QAM	33@16	20.39	20.9	23.66	24.98	0.3148
78	30	25	633334	3500.01	CP-OFDM 16 QAM	1@1	20.4	20.79	23.61	24.93	0.3112
78	30	25	633334	3500.01	CP-OFDM 16 QAM	1@63	20.27	20.76	23.53	24.85	0.3055
78	30	25	635832	3537.48	CP-OFDM QPSK	33@16	20.71	21.31	24.03	25.35	0.3428
78	30	25	635832	3537.48	CP-OFDM QPSK	1@1	20.63	21.15	23.91	25.23	0.3334
78	30	25	635832	3537.48	CP-OFDM QPSK	1@63	20.72	21.27	24.01	25.33	0.3412
78	30	25	635832	3537.48	CP-OFDM 16 QAM	33@16	20.24	20.9	23.59	24.91	0.3097
78	30	25	635832	3537.48	CP-OFDM 16 QAM	1@1	20.12	20.65	23.40	24.72	0.2965
78	30	25	635832	3537.48	CP-OFDM 16 QAM	1@63	20.27	20.85	23.58	24.90	0.3090
78	30	30	631000	3465	CP-OFDM QPSK	39@19	20.95	21.25	24.11	25.43	0.3491
78	30	30	631000	3465	CP-OFDM QPSK	1@1	20.89	21.02	23.97	25.29	0.3381
78	30	30	631000	3465	CP-OFDM QPSK	1@76	20.83	21.26	24.06	25.38	0.3451
78	30	30	631000	3465	CP-OFDM 16 QAM	39@19	20.45	20.79	23.63	24.95	0.3126
78	30	30	631000	3465	CP-OFDM 16 QAM	1@1	20.36	20.57	23.48	24.80	0.3020
78	30	30	631000	3465	CP-OFDM 16 QAM	1@76	20.39	20.87	23.65	24.97	0.3141
78	30	30	633334	3500.01	CP-OFDM QPSK	39@19	20.86	21.45	24.18	25.50	0.3548
78	30	30	633334	3500.01	CP-OFDM QPSK	1@1	20.83	21.34	24.10	25.42	0.3483
78	30	30	633334	3500.01	CP-OFDM QPSK	1@76	20.71	21.3	24.03	25.35	0.3428
78	30	30	633334	3500.01	CP-OFDM 16 QAM	39@19	20.42	20.98	23.72	25.04	0.3192
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	20.44	20.9	23.69	25.01	0.3170
78	30	30	633334	3500.01	CP-OFDM 16 QAM	1@76	20.29	20.9	23.62	24.94	0.3119
78	30	30	635666	3534.99	CP-OFDM QPSK	39@19	20.9	21.54	24.24	25.56	0.3597
78	30	30	635666	3534.99	CP-OFDM QPSK	1@1	20.79	21.38	24.11	25.43	0.3491
78	30	30	635666	3534.99	CP-OFDM QPSK	1@76	20.93	21.51	24.24	25.56	0.3597
78	30	30	635666	3534.99	CP-OFDM 16 QAM	39@19	20.38	21.01	23.72	25.04	0.3192
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	20.37	20.84	23.62	24.94	0.3119
78	30	30	635666	3534.99	CP-OFDM 16 QAM	1@76	20.51	21.06	23.80	25.12	0.3251
78	30	40	631334	3470.01	CP-OFDM QPSK	53@26	20.93	21.31	24.13	25.45	0.3508
78	30	40	631334	3470.01	CP-OFDM QPSK	1@1	20.95	21.08	24.03	25.35	0.3428
78	30	40	631334	3470.01	CP-OFDM QPSK	1@104	20.89	21.43	24.18	25.50	0.3548
78	30	40	631334	3470.01	CP-OFDM 16 QAM	53@26	20.49	20.89	23.70	25.02	0.3177
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	20.45	20.6	23.54	24.86	0.3062
78	30	40	631334	3470.01	CP-OFDM 16 QAM	1@104	20.53	20.96	23.76	25.08	0.3221
78	30	40	633334	3500.01	CP-OFDM QPSK	53@26	20.88	21.4	24.16	25.48	0.3532
78	30	40	633334	3500.01	CP-OFDM QPSK	1@1	20.93	21.31	24.13	25.45	0.3508



78	30	40	633334	3500.01	CP-OFDM QPSK	1@104	20.78	21.27	24.04	25.36	0.3436
78	30	40	633334	3500.01	CP-OFDM 16 QAM	53@26	20.4	20.97	23.70	25.02	0.3177
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	20.35	20.85	23.62	24.94	0.3119
78	30	40	633334	3500.01	CP-OFDM 16 QAM	1@104	20.22	20.87	23.57	24.89	0.3083
78	30	40	635332	3529.98	CP-OFDM QPSK	53@26	20.8	21.44	24.14	25.46	0.3516
78	30	40	635332	3529.98	CP-OFDM QPSK	1@1	20.75	21.28	24.03	25.35	0.3428
78	30	40	635332	3529.98	CP-OFDM QPSK	1@104	20.88	21.45	24.18	25.50	0.3548
78	30	40	635332	3529.98	CP-OFDM 16 QAM	53@26	20.29	20.94	23.64	24.96	0.3133
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	20.27	20.8	23.55	24.87	0.3069
78	30	40	635332	3529.98	CP-OFDM 16 QAM	1@104	20.42	20.96	23.71	25.03	0.3184
78	30	50	631668	3475.02	CP-OFDM QPSK	67@33	20.86	21.33	24.11	25.43	0.3491
78	30	50	631668	3475.02	CP-OFDM QPSK	1@1	20.94	21.01	23.99	25.31	0.3396
78	30	50	631668	3475.02	CP-OFDM QPSK	1@131	20.76	21.3	24.05	25.37	0.3443
78	30	50	631668	3475.02	CP-OFDM 16 QAM	67@33	20.44	20.83	23.65	24.97	0.3141
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	20.48	20.6	23.55	24.87	0.3069
78	30	50	631668	3475.02	CP-OFDM 16 QAM	1@131	20.32	20.87	23.61	24.93	0.3112
78	30	50	633334	3500.01	CP-OFDM QPSK	67@33	20.9	21.46	24.20	25.52	0.3565
78	30	50	633334	3500.01	CP-OFDM QPSK	1@1	20.93	21.28	24.12	25.44	0.3499
78	30	50	633334	3500.01	CP-OFDM QPSK	1@131	20.66	21.25	23.98	25.30	0.3388
78	30	50	633334	3500.01	CP-OFDM 16 QAM	67@33	20.38	20.99	23.71	25.03	0.3184
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	20.22	20.8	23.53	24.85	0.3055
78	30	50	633334	3500.01	CP-OFDM 16 QAM	1@131	20.26	20.94	23.62	24.94	0.3119
78	30	50	635000	3525	CP-OFDM QPSK	67@33	20.78	21.31	24.06	25.38	0.3451
78	30	50	635000	3525	CP-OFDM QPSK	1@1	20.77	21.24	24.02	25.34	0.3420
78	30	50	635000	3525	CP-OFDM QPSK	1@131	20.79	21.4	24.12	25.44	0.3499
78	30	50	635000	3525	CP-OFDM 16 QAM	67@33	20.26	20.84	23.57	24.89	0.3083
78	30	50	635000	3525	CP-OFDM 16 QAM	1@1	20.24	20.69	23.48	24.80	0.3020
78	30	50	635000	3525	CP-OFDM 16 QAM	1@131	20.31	21.06	23.71	25.03	0.3184
78	30	60	632000	3480	CP-OFDM QPSK	81@40	20.88	21.38	24.15	25.47	0.3524
78	30	60	632000	3480	CP-OFDM QPSK	1@1	21	21.1	24.06	25.38	0.3451
78	30	60	632000	3480	CP-OFDM QPSK	1@160	20.87	21.39	24.15	25.47	0.3524
78	30	60	632000	3480	CP-OFDM 16 QAM	81@40	20.44	20.87	23.67	24.99	0.3155
78	30	60	632000	3480	CP-OFDM 16 QAM	1@1	20.58	20.74	23.67	24.99	0.3155
78	30	60	632000	3480	CP-OFDM 16 QAM	1@160	20.36	20.93	23.66	24.98	0.3148
78	30	60	633334	3500.01	CP-OFDM QPSK	81@40	20.8	21.36	24.10	25.42	0.3483



78	30	60	633334	3500.01	CP-OFDM QPSK	1@1	20.91	21.26	24.10	25.42	0.3483
78	30	60	633334	3500.01	CP-OFDM QPSK	1@160	20.72	21.41	24.09	25.41	0.3475
78	30	60	633334	3500.01	CP-OFDM 16 QAM	81@40	20.36	20.88	23.64	24.96	0.3133
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	20.36	20.79	23.59	24.91	0.3097
78	30	60	633334	3500.01	CP-OFDM 16 QAM	1@160	20.32	20.93	23.65	24.97	0.3141
78	30	60	634666	3519.99	CP-OFDM QPSK	81@40	20.72	21.29	24.02	25.34	0.3420
78	30	60	634666	3519.99	CP-OFDM QPSK	1@1	20.87	21.36	24.13	25.45	0.3508
78	30	60	634666	3519.99	CP-OFDM QPSK	1@160	20.95	21.51	24.25	25.57	0.3606
78	30	60	634666	3519.99	CP-OFDM 16 QAM	81@40	20.26	20.87	23.59	24.91	0.3097
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	20.4	20.91	23.67	24.99	0.3155
78	30	60	634666	3519.99	CP-OFDM 16 QAM	1@160	20.45	21.04	23.77	25.09	0.3228
78	30	70	632334	3485.01	CP-OFDM QPSK	95@47	20.89	21.29	24.10	25.42	0.3483
78	30	70	632334	3485.01	CP-OFDM QPSK	1@1	21.04	21.19	24.13	25.45	0.3508
78	30	70	632334	3485.01	CP-OFDM QPSK	1@187	20.81	21.24	24.04	25.36	0.3436
78	30	70	632334	3485.01	CP-OFDM 16 QAM	95@47	20.39	20.79	23.60	24.92	0.3105
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	20.56	20.77	23.68	25.00	0.3162
78	30	70	632334	3485.01	CP-OFDM 16 QAM	1@187	20.32	20.81	23.58	24.90	0.3090
78	30	70	633334	3500.01	CP-OFDM QPSK	95@47	20.91	21.33	24.14	25.46	0.3516
78	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21	21.31	24.17	25.49	0.3540
78	30	70	633334	3500.01	CP-OFDM QPSK	1@187	20.8	21.43	24.14	25.46	0.3516
78	30	70	633334	3500.01	CP-OFDM 16 QAM	95@47	20.39	20.88	23.65	24.97	0.3141
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	20.52	20.87	23.71	25.03	0.3184
78	30	70	633334	3500.01	CP-OFDM 16 QAM	1@187	20.37	20.92	23.66	24.98	0.3148
78	30	70	634332	3514.98	CP-OFDM QPSK	95@47	20.94	21.36	24.17	25.49	0.3540
78	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.04	21.4	24.23	25.55	0.3589
78	30	70	634332	3514.98	CP-OFDM QPSK	1@187	21	21.46	24.25	25.57	0.3606
78	30	70	634332	3514.98	CP-OFDM 16 QAM	95@47	20.43	20.91	23.69	25.01	0.3170
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	20.54	20.96	23.77	25.09	0.3228
78	30	70	634332	3514.98	CP-OFDM 16 QAM	1@187	20.52	21.1	23.83	25.15	0.3273
78	30	80	632668	3490.02	CP-OFDM QPSK	109@54	20.95	21.37	24.18	25.50	0.3548
78	30	80	632668	3490.02	CP-OFDM QPSK	1@1	21.14	21.24	24.20	25.52	0.3565
78	30	80	632668	3490.02	CP-OFDM QPSK	1@215	20.87	21.41	24.16	25.48	0.3532
78	30	80	632668	3490.02	CP-OFDM 16 QAM	109@54	20.47	20.87	23.68	25.00	0.3162
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	20.61	20.8	23.72	25.04	0.3192
78	30	80	632668	3490.02	CP-OFDM 16 QAM	1@215	20.4	20.99	23.72	25.04	0.3192



78	30	80	633334	3500.01	CP-OFDM QPSK	109@54	20.88	21.34	24.13	25.45	0.3508
78	30	80	633334	3500.01	CP-OFDM QPSK	1@1	21.08	21.24	24.17	25.49	0.3540
78	30	80	633334	3500.01	CP-OFDM QPSK	1@215	20.92	21.46	24.21	25.53	0.3573
78	30	80	633334	3500.01	CP-OFDM 16 QAM	109@54	20.38	20.89	23.65	24.97	0.3141
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	20.64	20.85	23.76	25.08	0.3221
78	30	80	633334	3500.01	CP-OFDM 16 QAM	1@215	20.44	21.04	23.76	25.08	0.3221
78	30	80	634000	3510	CP-OFDM QPSK	109@54	20.85	21.32	24.10	25.42	0.3483
78	30	80	634000	3510	CP-OFDM QPSK	1@1	21.04	21.33	24.20	25.52	0.3565
78	30	80	634000	3510	CP-OFDM QPSK	1@215	21.04	21.37	24.22	25.54	0.3581
78	30	80	634000	3510	CP-OFDM 16 QAM	109@54	20.38	20.81	23.61	24.93	0.3112
78	30	80	634000	3510	CP-OFDM 16 QAM	1@1	20.54	20.91	23.74	25.06	0.3206
78	30	80	634000	3510	CP-OFDM 16 QAM	1@215	20.5	21.22	23.89	25.21	0.3319
78	30	90	633000	3495	CP-OFDM QPSK	123@61	20.85	21.28	24.08	25.40	0.3467
78	30	90	633000	3495	CP-OFDM QPSK	1@1	21.13	21.2	24.18	25.50	0.3548
78	30	90	633000	3495	CP-OFDM QPSK	1@243	20.93	21.45	24.21	25.53	0.3573
78	30	90	633000	3495	CP-OFDM 16 QAM	123@61	20.35	20.77	23.58	24.90	0.3090
78	30	90	633000	3495	CP-OFDM 16 QAM	1@1	20.66	20.83	23.76	25.08	0.3221
78	30	90	633000	3495	CP-OFDM 16 QAM	1@243	20.51	21.08	23.81	25.13	0.3258
78	30	90	633334	3500.01	CP-OFDM QPSK	123@61	20.86	21.37	24.13	25.45	0.3508
78	30	90	633334	3500.01	CP-OFDM QPSK	1@1	21.1	21.2	24.16	25.48	0.3532
78	30	90	633334	3500.01	CP-OFDM QPSK	1@243	20.97	21.54	24.27	25.59	0.3622
78	30	90	633334	3500.01	CP-OFDM 16 QAM	123@61	20.31	20.87	23.61	24.93	0.3112
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	20.6	20.77	23.70	25.02	0.3177
78	30	90	633334	3500.01	CP-OFDM 16 QAM	1@243	20.54	21.23	23.91	25.23	0.3334
78	30	90	633666	3504.99	CP-OFDM QPSK	123@61	20.94	21.44	24.21	25.53	0.3573
78	30	90	633666	3504.99	CP-OFDM QPSK	1@1	21.11	21.27	24.20	25.52	0.3565
78	30	90	633666	3504.99	CP-OFDM QPSK	1@243	21.02	21.51	24.28	25.60	0.3631
78	30	90	633666	3504.99	CP-OFDM 16 QAM	123@61	20.39	20.94	23.68	25.00	0.3162
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	20.66	20.96	23.82	25.14	0.3266
78	30	90	633666	3504.99	CP-OFDM 16 QAM	1@243	20.53	21.17	23.87	25.19	0.3304
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	20.82	21.33	24.09	25.41	0.3475
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.09	21.23	24.17	25.49	0.3540
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.01	21.52	24.28	25.60	0.3631
78	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	20.41	20.84	23.64	24.96	0.3133
78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	20.62	20.87	23.76	25.08	0.3221



78	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	20.53	21.22	23.90	25.22	0.3327
78	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	18.84	19.38	22.13	23.45	0.2213
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	18.97	19.17	22.08	23.40	0.2188
78	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	18.89	19.47	22.20	23.52	0.2249
78	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	15.83	16.35	19.11	20.43	0.1104
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	16.11	16.45	19.29	20.61	0.1151
78	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	16.05	16.74	19.42	20.74	0.1186

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK (ANT5)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6904	-57.42	-13	-44.42	-52.39	-58.94	11.98	13.50	H
	10356	-55.55	-13	-42.55	-56.07	-55.55	13.60	13.60	H
	13808	-49.83	-13	-36.83	-56.69	-49.43	15.50	15.10	H
	6904	-59.57	-13	-46.57	-54.47	-61.09	11.98	13.50	V
	10356	-55.54	-13	-42.54	-55.86	-55.54	13.60	13.60	V
	13808	-50.30	-13	-37.30	-56.85	-49.90	15.50	15.10	V

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

EN-DC_13A_n77A / LTE 20MHz + NR 100MHz / QPSK(1+5)									
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n77 Middle	6904	-57.49	-13	-44.49	-52.46	-59.01	11.98	13.50	H
	10356	-55.15	-13	-42.15	-55.67	-55.15	13.60	13.60	H
	13808	-49.17	-13	-36.17	-56.03	-48.77	15.50	15.10	H
	6904	-59.56	-13	-46.56	-54.46	-61.08	11.98	13.50	V
	10356	-55.40	-13	-42.40	-55.72	-55.40	13.60	13.60	V
	13808	-50.19	-13	-37.19	-56.74	-49.79	15.50	15.10	V
LTE Band13 Middle	1555	-66.32	-13	-53.32	-73.18	-69.57	4.00	9.40	H
	2332.5	-54.66	-13	-41.66	-65.52	-58.23	4.88	10.60	H
	3110	-58.92	-13	-45.92	-71.86	-63.85	5.52	12.60	H
	1555	-65.79	-13	-52.79	-72.86	-69.04	4.00	9.40	V
	2332.5	-57.27	-13	-44.27	-68.52	-60.84	4.88	10.60	V
	3110	-59.08	-13	-46.08	-72.53	-64.01	5.52	12.60	V

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



SA n77 UL MIMO / 100MHz / QPSK / ANT5+6									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6904	-55.72	-13	-42.72	-50.69	-57.24	11.98	13.50	H
	10356	-55.53	-13	-42.53	-56.05	-55.53	13.60	13.60	H
	13808	-49.71	-13	-36.71	-56.57	-49.31	15.50	15.10	H
	6904	-55.80	-13	-42.80	-50.7	-57.32	11.98	13.50	V
	10356	-55.33	-13	-42.33	-55.65	-55.33	13.60	13.60	V
	13808	-50.21	-13	-37.21	-56.76	-49.81	15.50	15.10	V

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