

# FR1 N77(ANT6)\_SCS30kHz

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0018	PASS	NV
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0046	PASS	LV
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0029	PASS	HV
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	0.0009	PASS	-30°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	0.0001	PASS	-20°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0044	PASS	-10°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0063	PASS	0°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	0.0031	PASS	10°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0019	PASS	20°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	0.0033	PASS	30°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0051	PASS	40°C
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	-0.0047	PASS	50°C

## Peak to Average Ratio

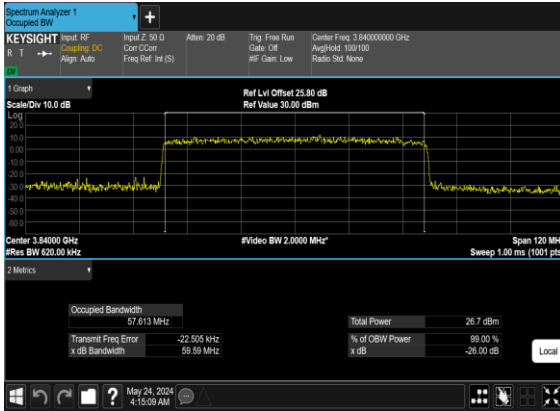
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	6.85	13	PASS
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	3.67	13	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	7.61	13	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	4.63	13	PASS



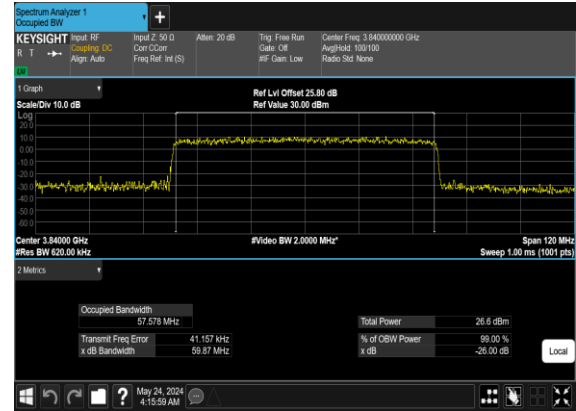
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.613	59.59
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.578	59.87
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.608	59.69
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.851	59.7
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.571	69.71
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.46	69.75
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.372	69.76
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.493	69.59
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.287	79.9
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.472	79.95
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.401	79.83
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.453	79.88
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.558	90.38
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.623	91.79
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.456	90.2
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.514	90.17
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.38	100.4
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.546	100.5
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.58	100.6
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.543	100.6

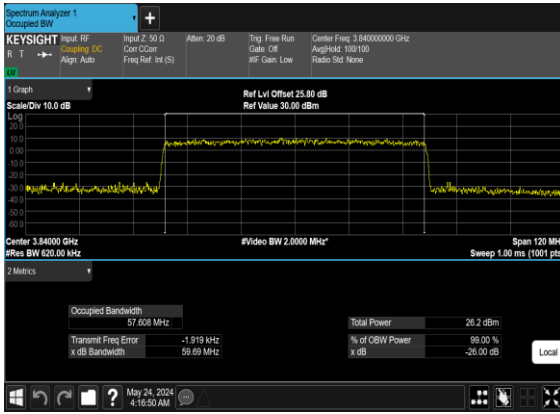
### N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



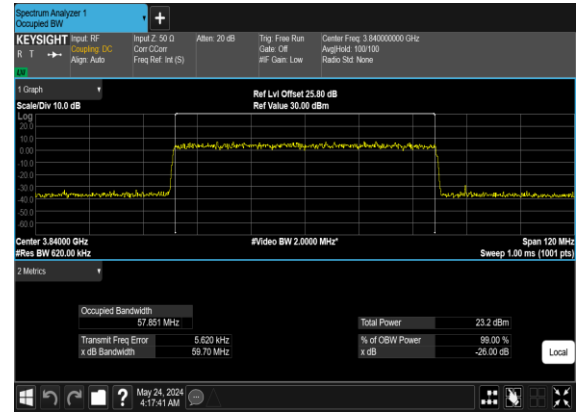
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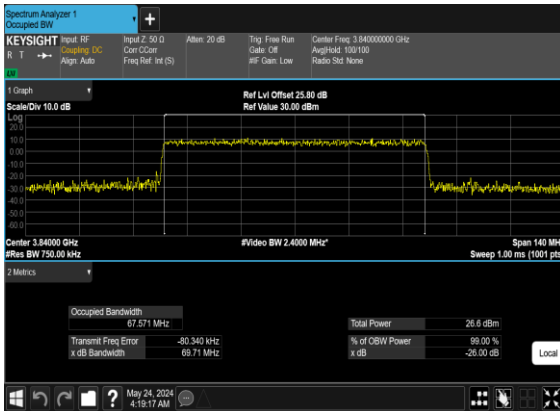
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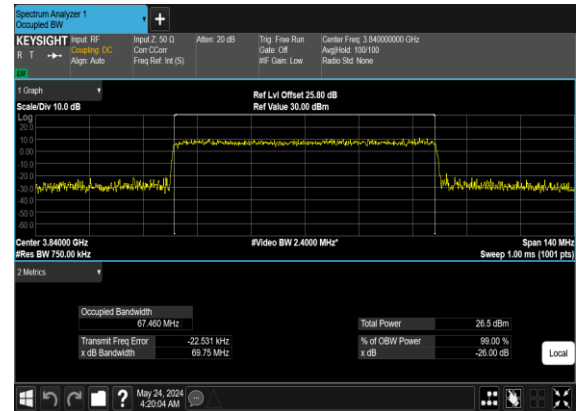
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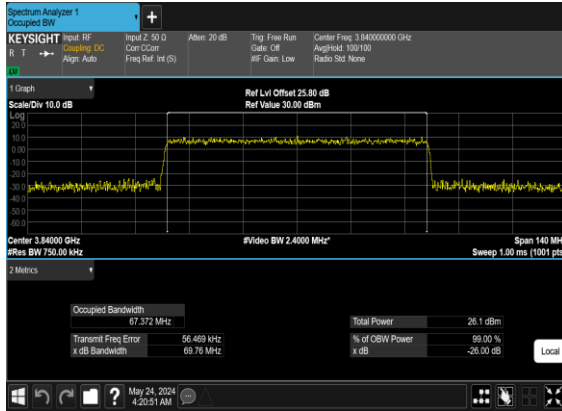
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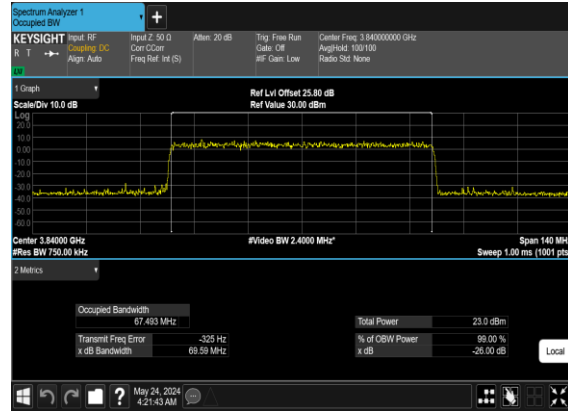
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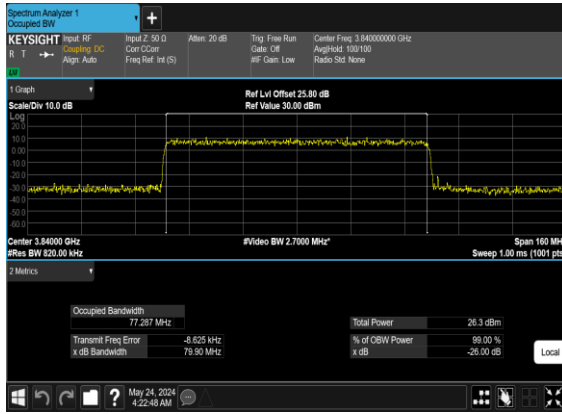
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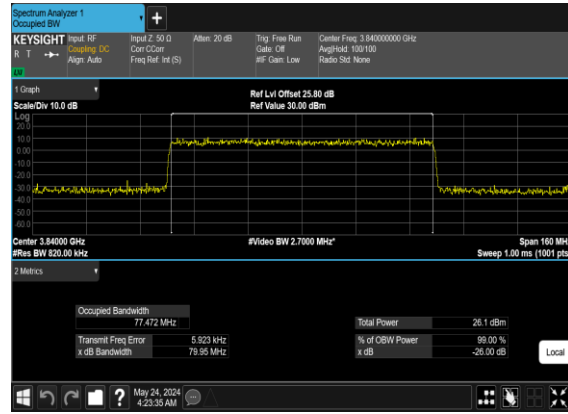
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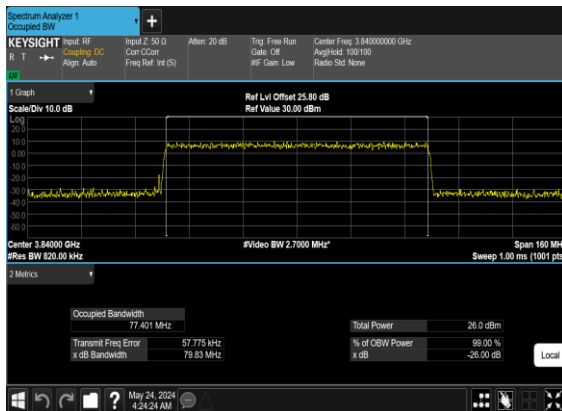
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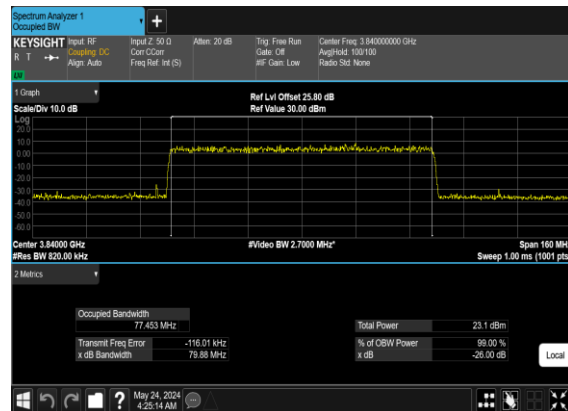
### N77(80M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



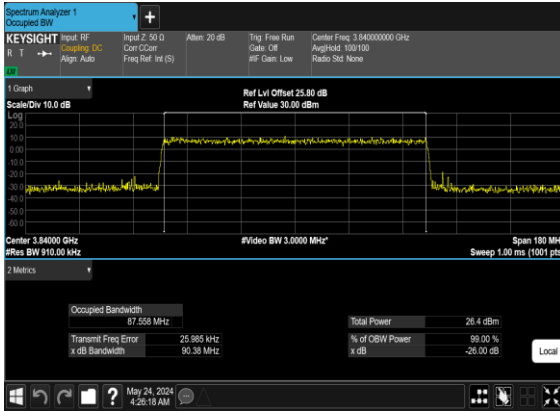
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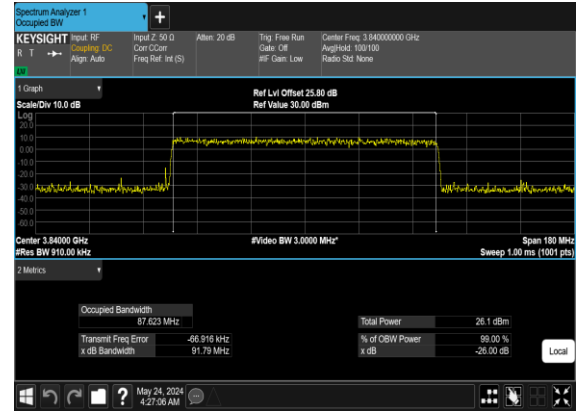
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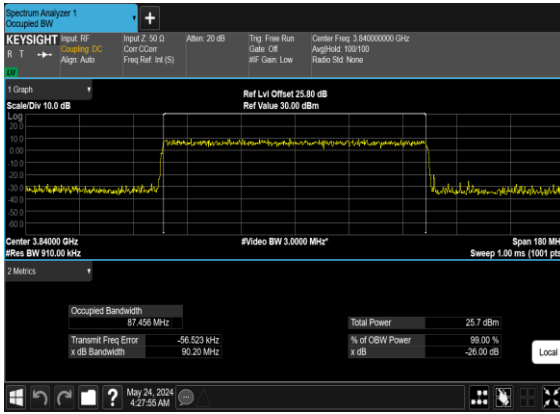
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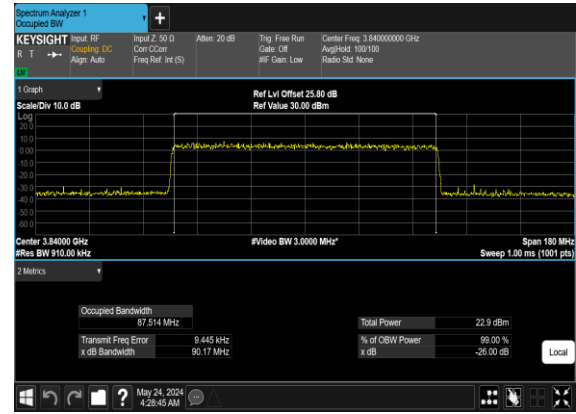
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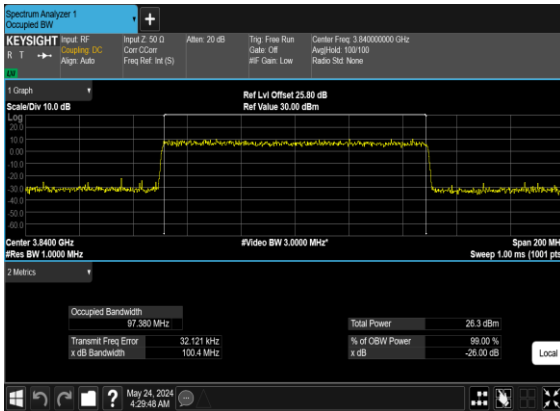
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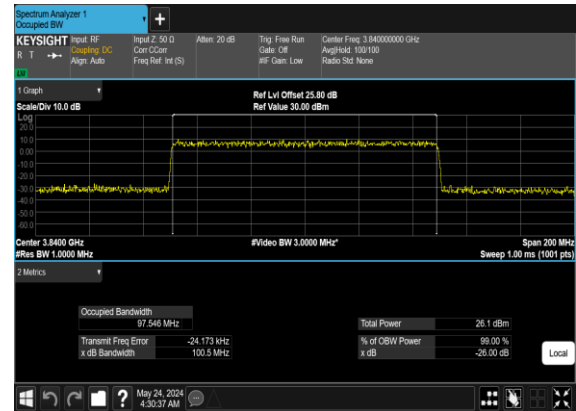
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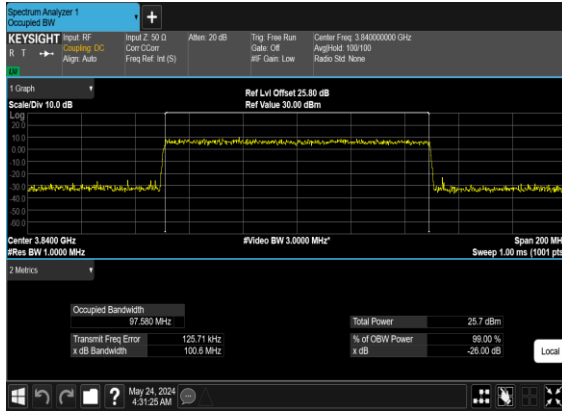
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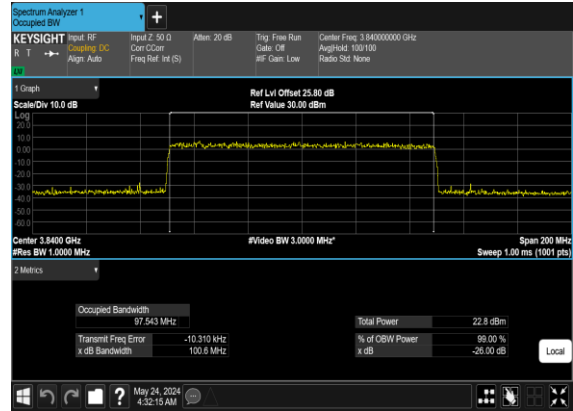
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



## N77(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



## N77(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



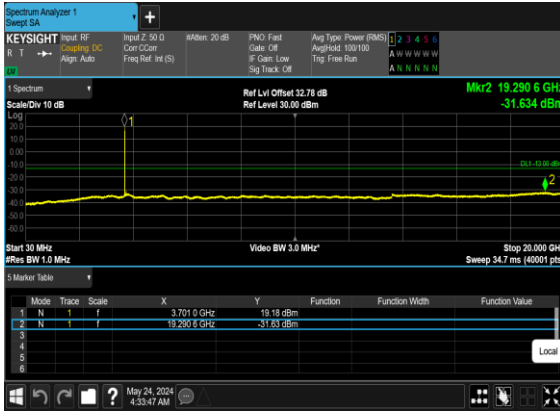


## Conducted Spurious Emissions

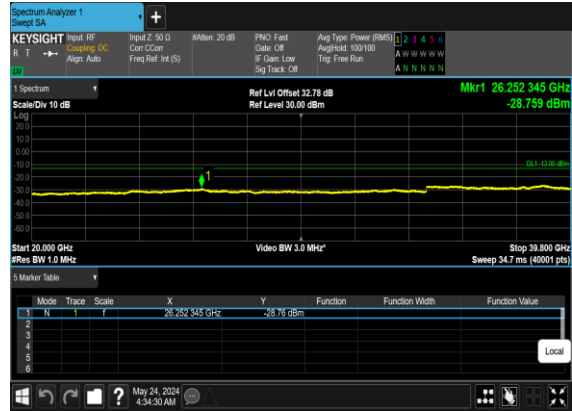
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@0	see graph	PASS

77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

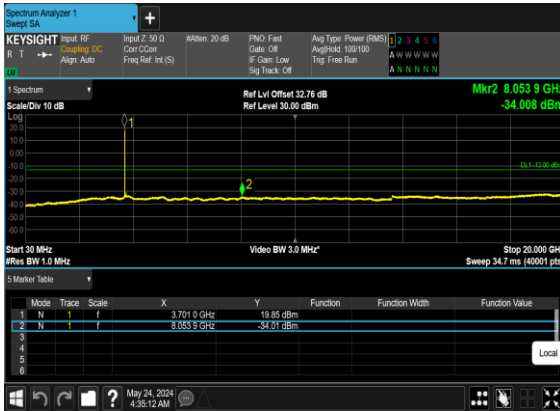
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



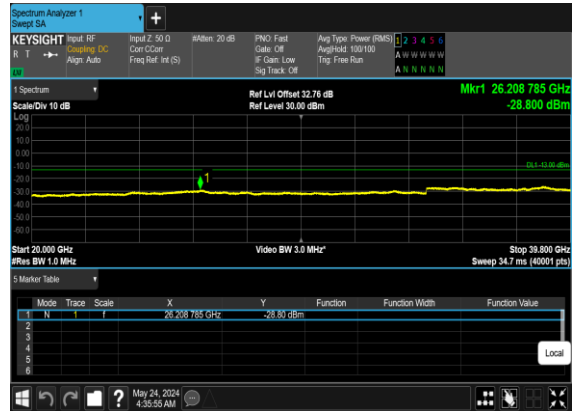
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



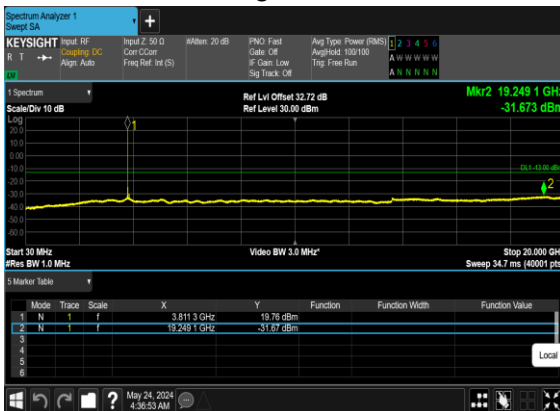
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



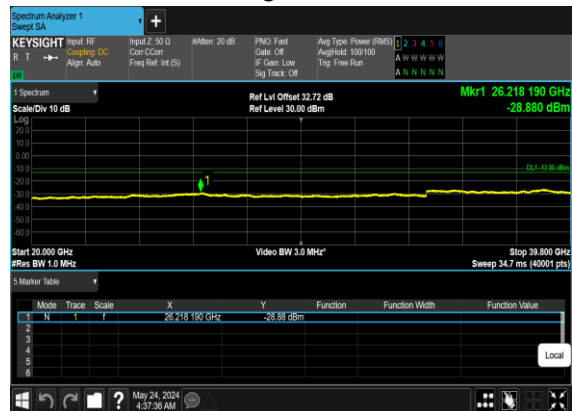
### N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



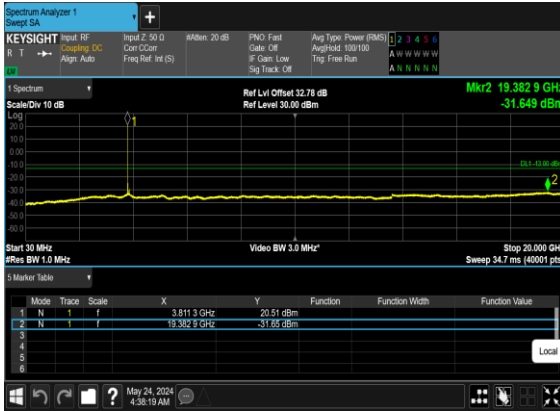
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



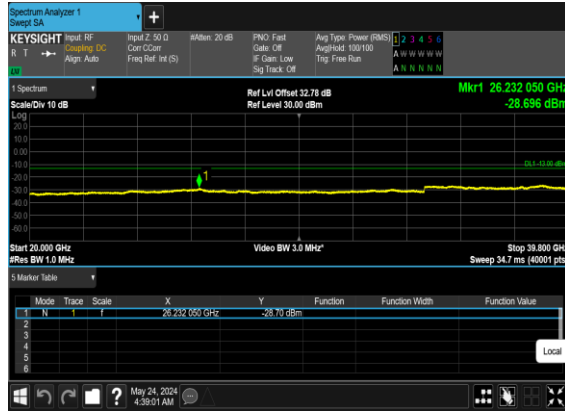
### N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



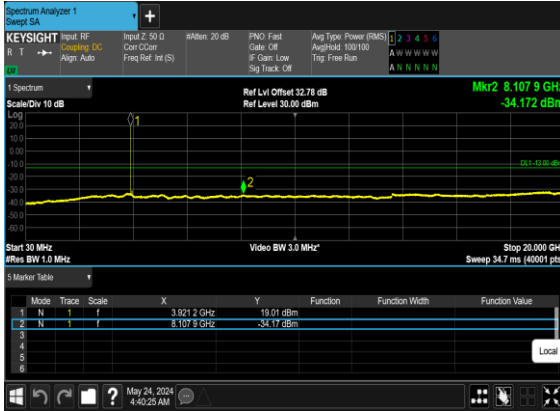
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



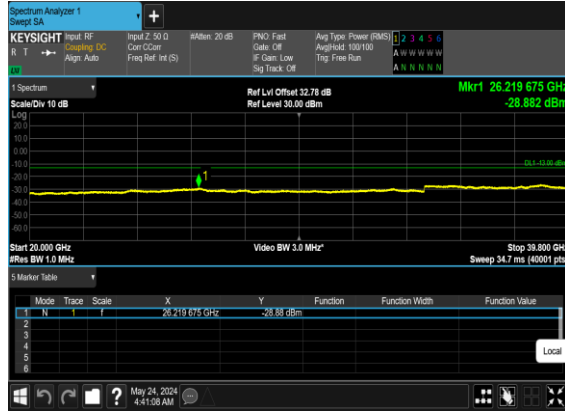
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



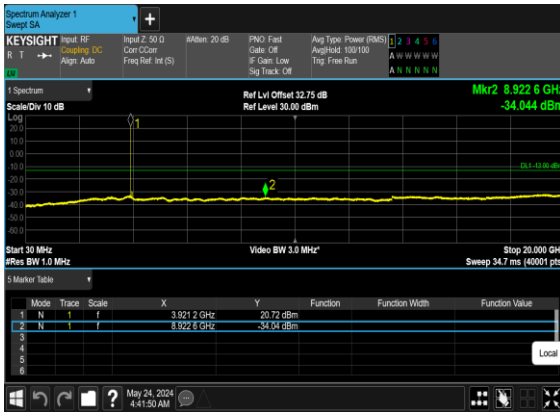
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



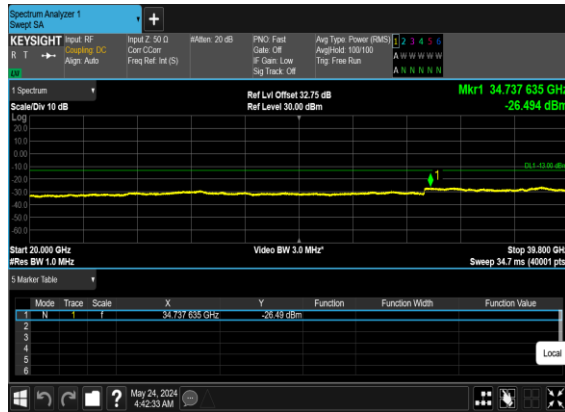
N77(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



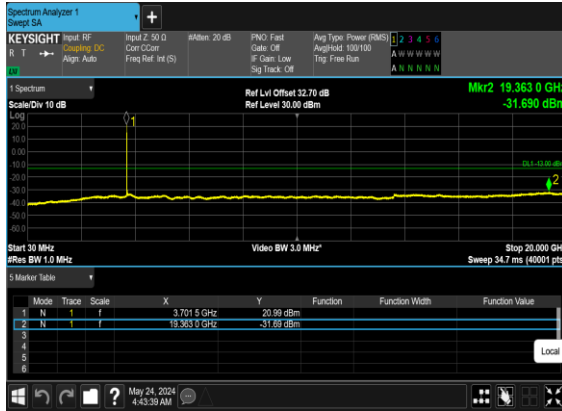
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



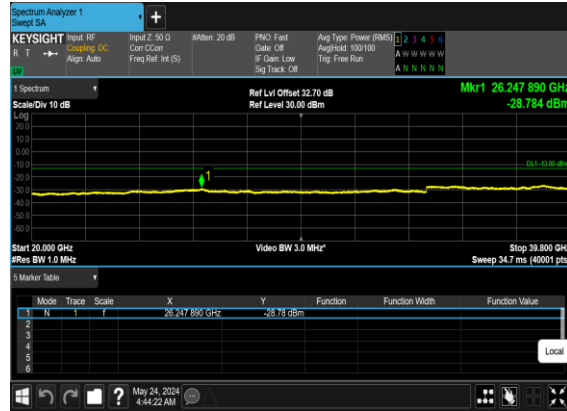
N77(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



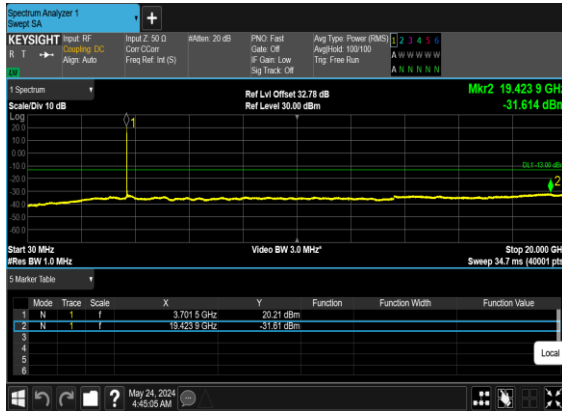
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



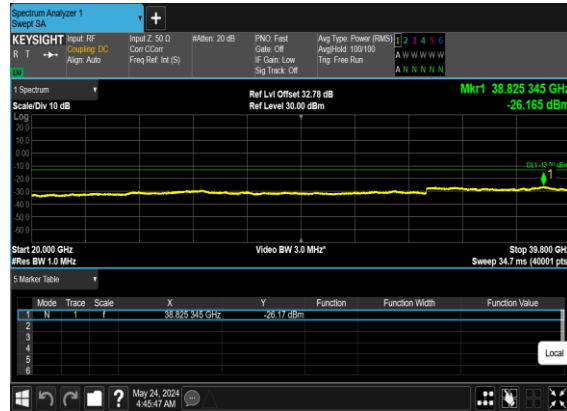
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



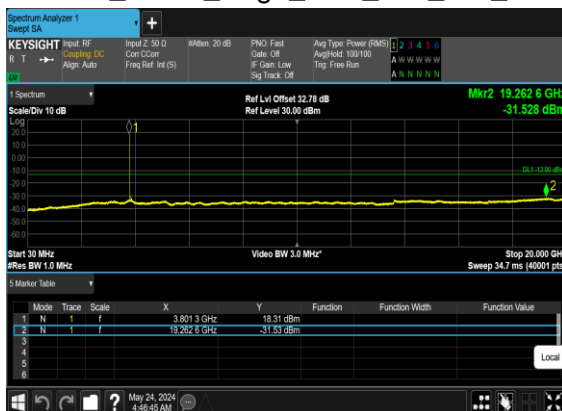
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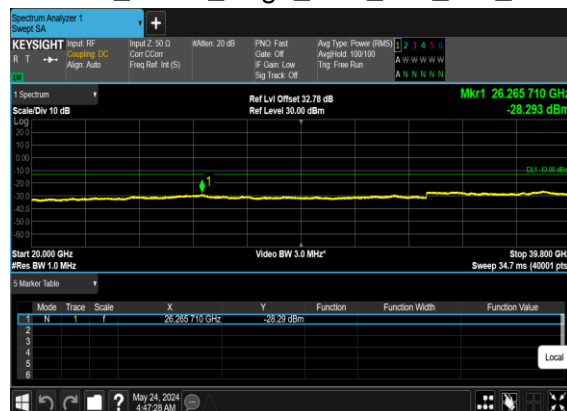
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



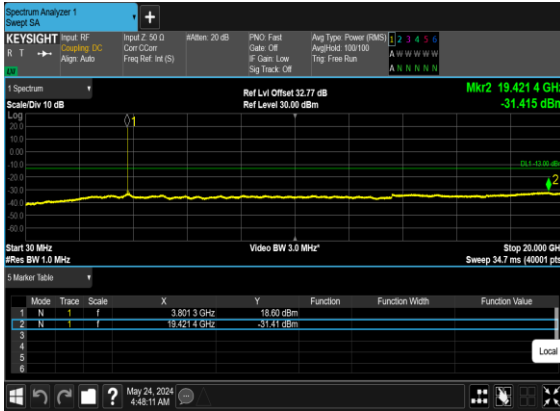
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



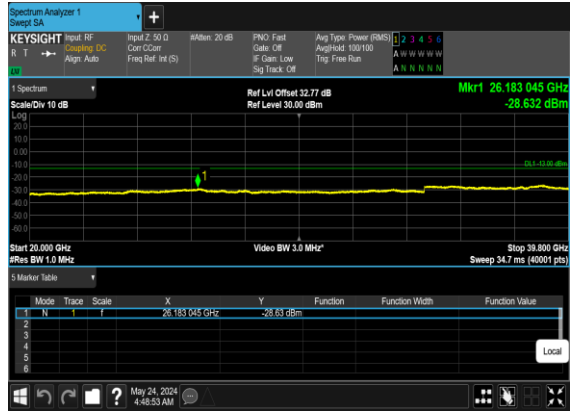
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



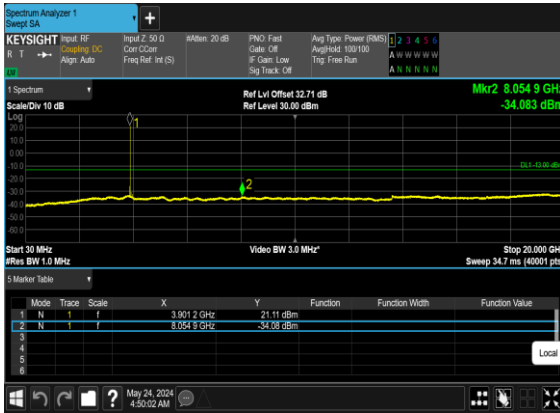
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



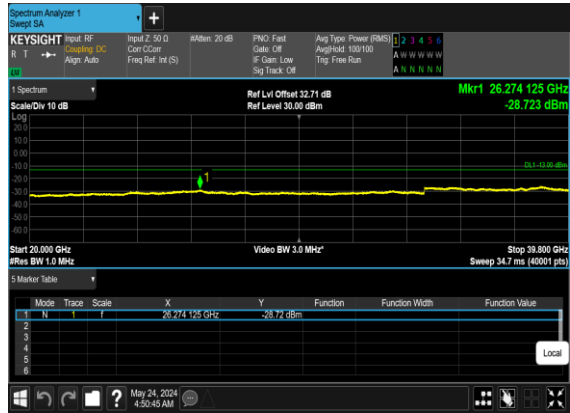
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



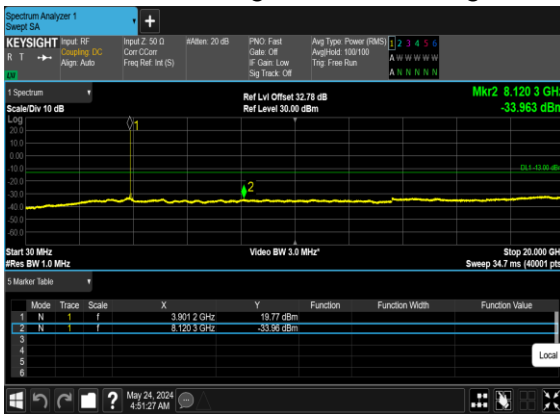
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



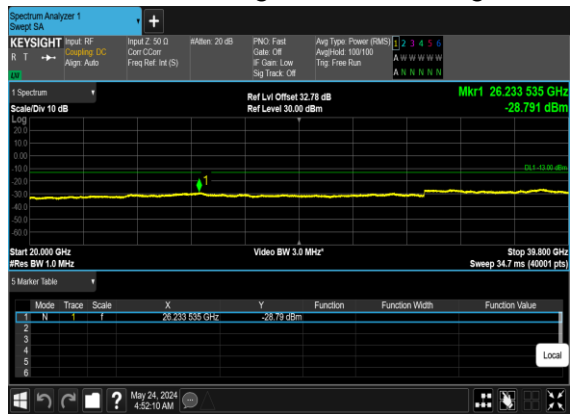
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



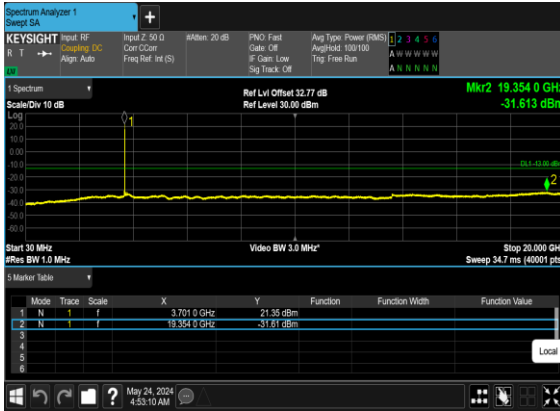
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



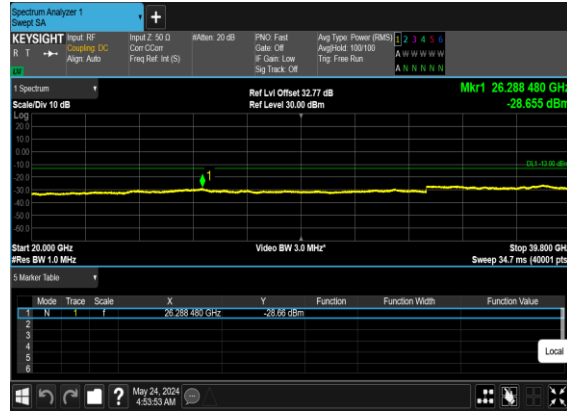
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



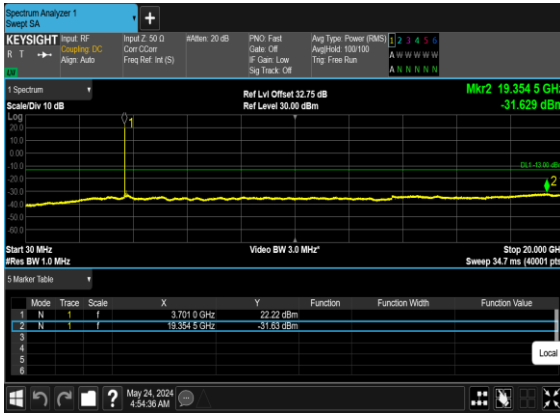
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



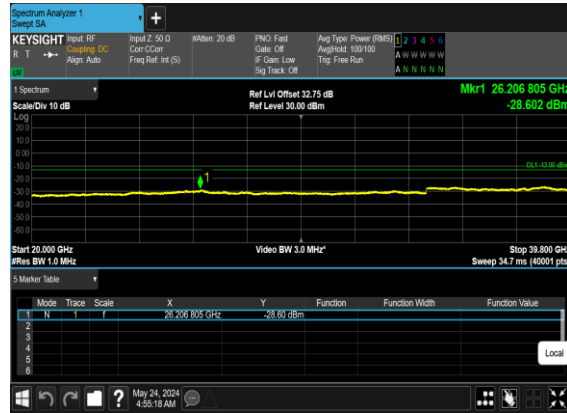
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



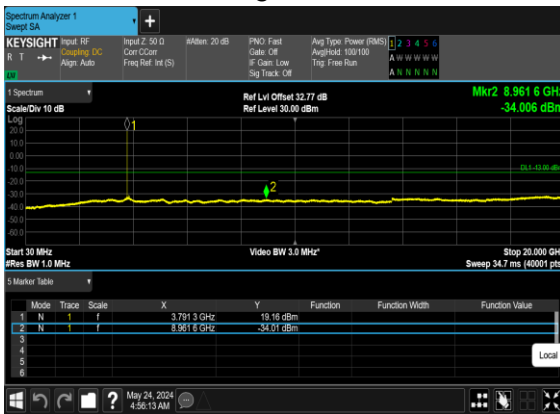
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



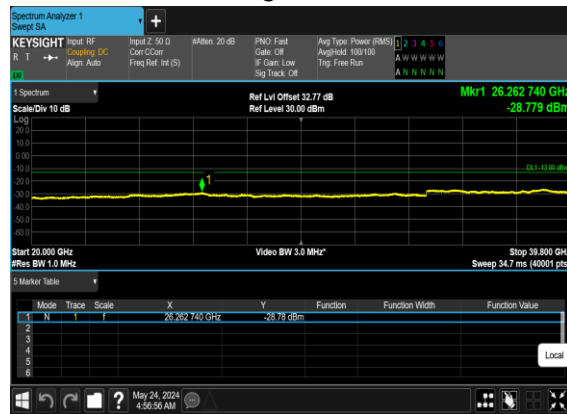
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



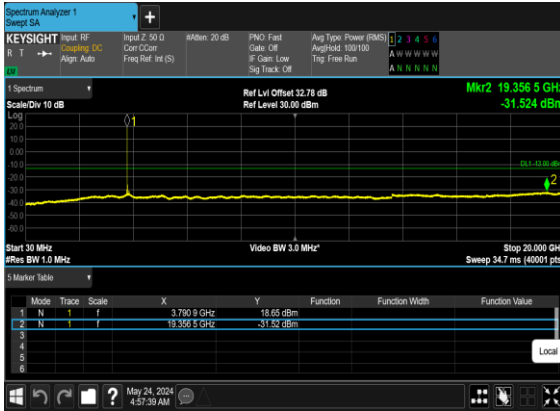
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



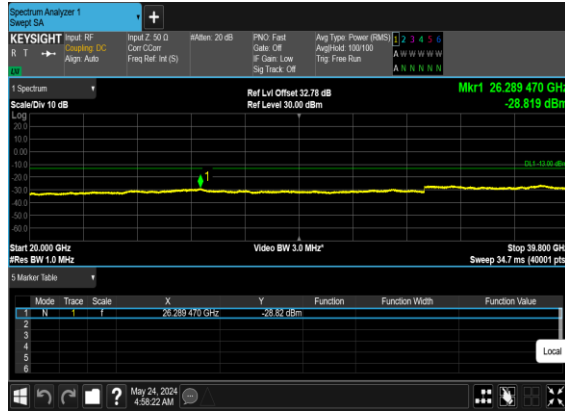
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



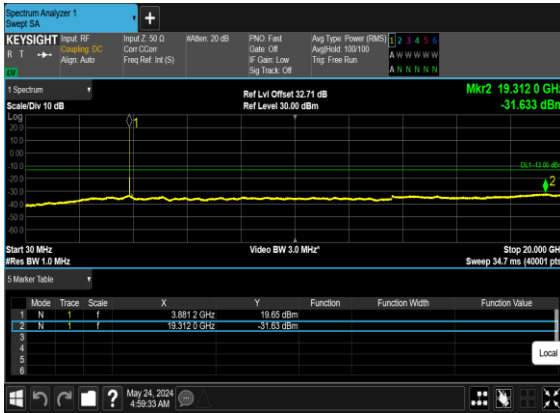
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



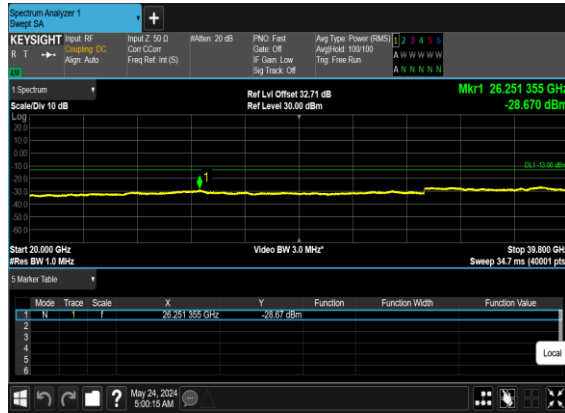
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



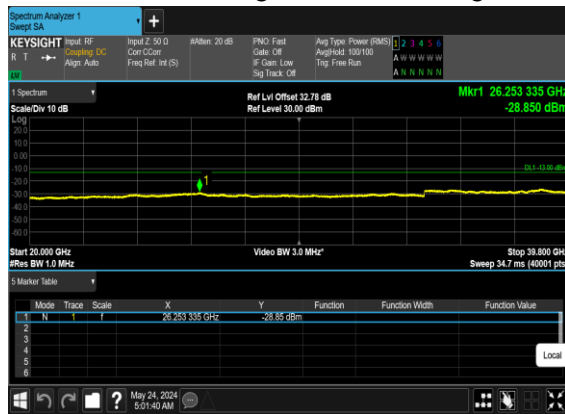
### N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





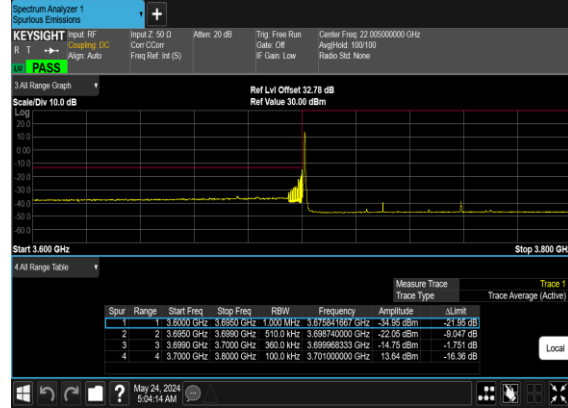
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	1@216	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@216	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM BPSK	216@0	see graph	PASS
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	216@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

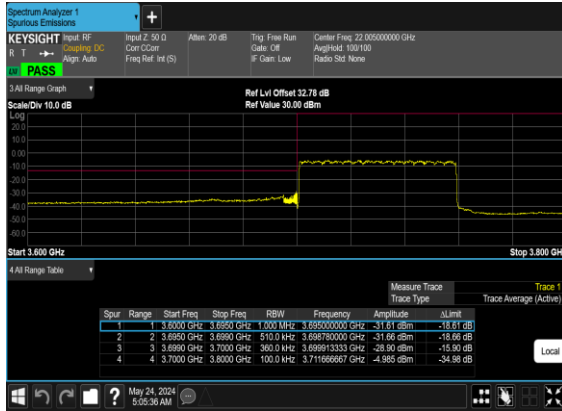
N77(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



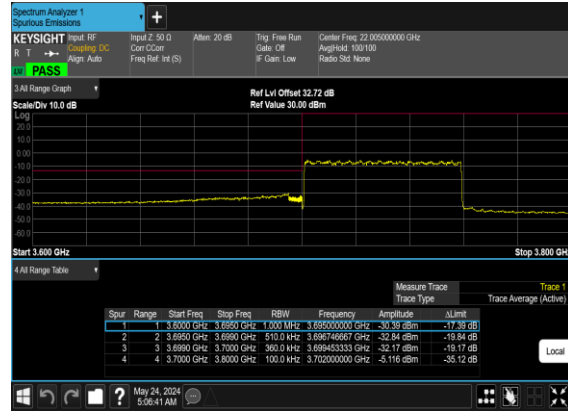
N77(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



N77(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N77(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N77(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N77(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



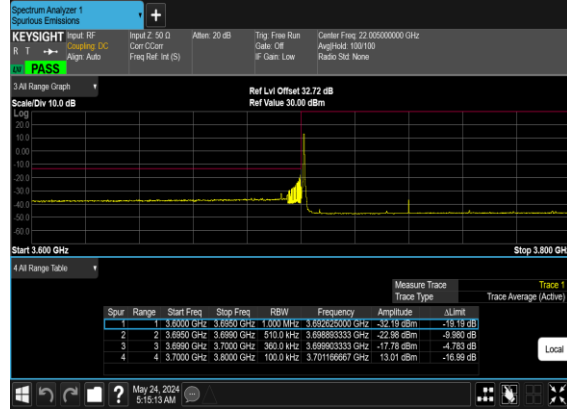
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



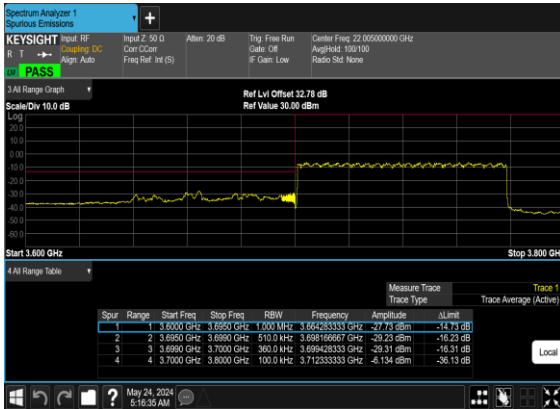
### N77(80M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



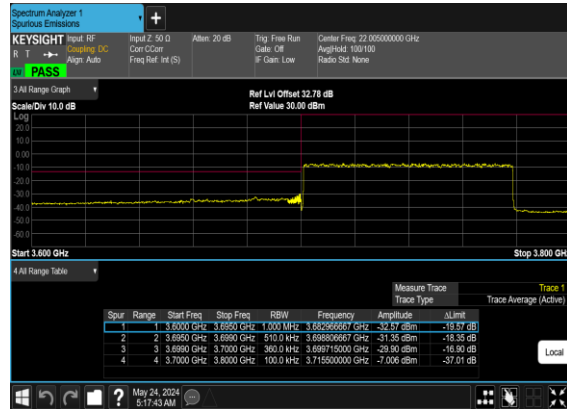
### N77(80M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(80M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



### N77(80M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



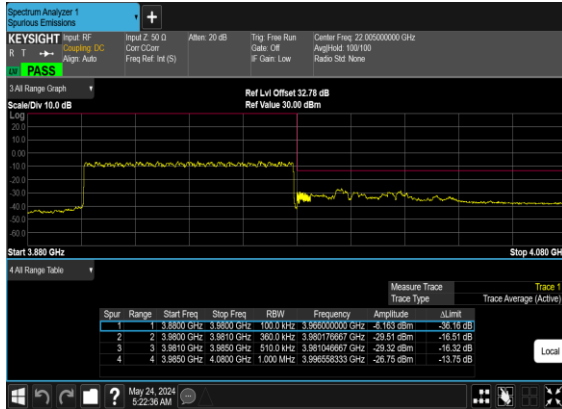
N77(80M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



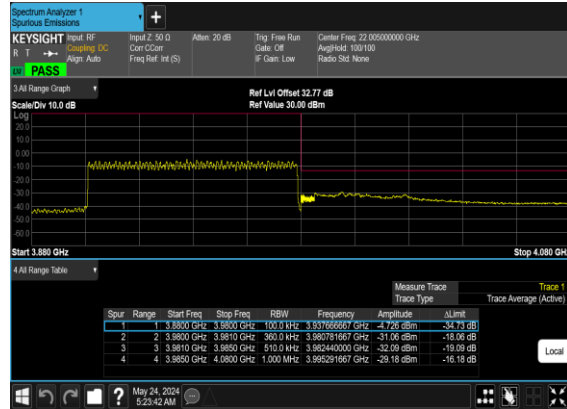
N77(80M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



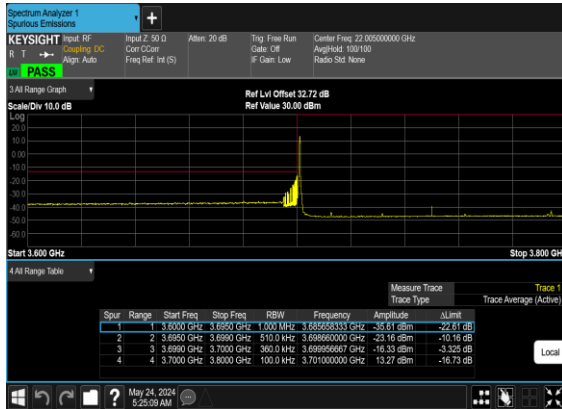
N77(80M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N77(80M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



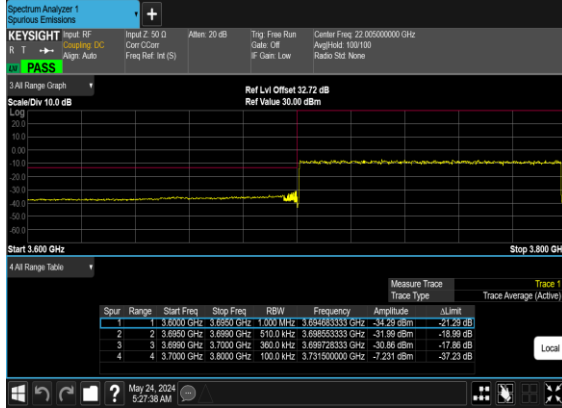
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



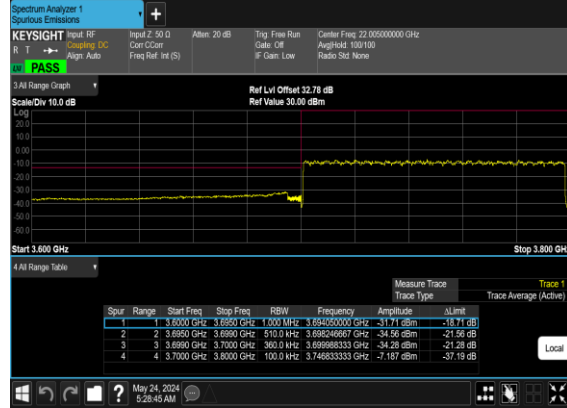
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



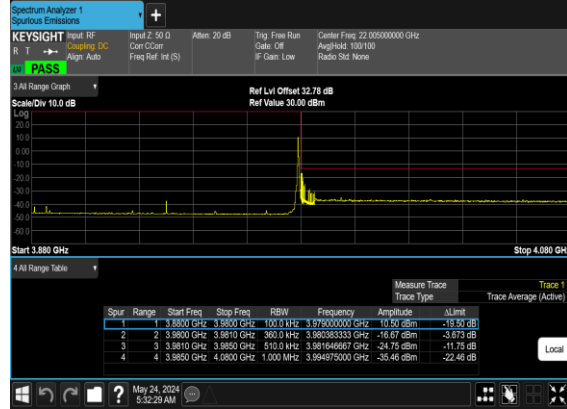
N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



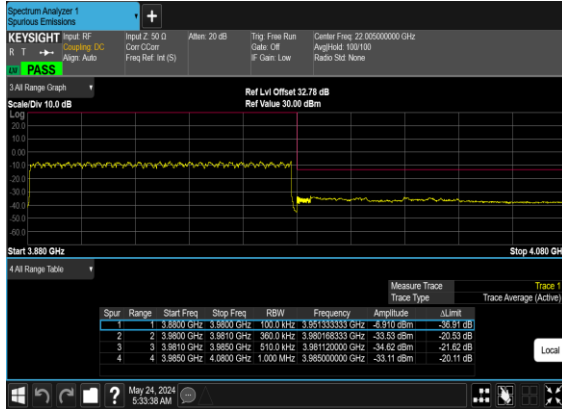
N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



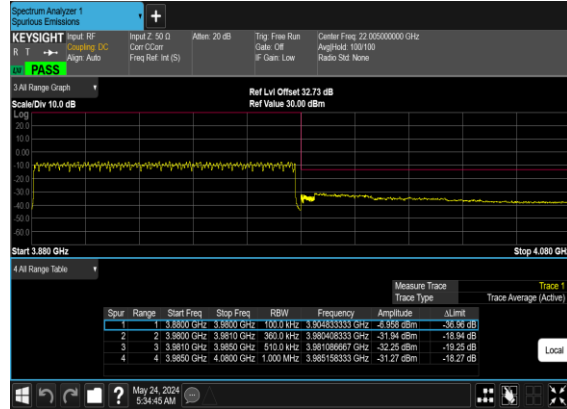
N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(100M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N77(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N78(ANT9)\_SCS15kHz

## Transmitter Conducted Output Power and EIRP, (G<sub>T</sub>-L<sub>C</sub>)=-1.72dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	135@67	25.89	24.17	0.2612
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.58	23.86	0.2432
78	15	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@268	25.83	24.11	0.2576
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	135@67	25.9	24.18	0.2618
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.61	23.89	0.2449
78	15	50	648334	3725.01	DFT-s-OFDM QPSK	1@268	25.73	24.01	0.2518
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	135@67	24.93	23.21	0.2094
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.8	23.08	0.2032
78	15	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@268	25.1	23.38	0.2178
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	135@67	23.44	21.72	0.1486
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.23	21.51	0.1416
78	15	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@268	23.26	21.54	0.1426
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	135@67	21.45	19.73	0.0940
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.22	19.5	0.0891
78	15	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@268	21.36	19.64	0.0920
78	15	50	648334	3725.01	CP-OFDM QPSK	135@67	24.32	22.6	0.1820
78	15	50	648334	3725.01	CP-OFDM QPSK	1@1	24.09	22.37	0.1726
78	15	50	648334	3725.01	CP-OFDM QPSK	1@268	24.16	22.44	0.1754
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.96	24.24	0.2655
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.63	23.91	0.2460
78	15	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@268	25.78	24.06	0.2547
78	15	50	650000	3750	DFT-s-OFDM QPSK	135@67	26	24.28	0.2679
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.56	23.84	0.2421
78	15	50	650000	3750	DFT-s-OFDM QPSK	1@268	25.71	23.99	0.2506
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.01	23.29	0.2133
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	15	50	650000	3750	DFT-s-OFDM 16 QAM	1@268	25.03	23.31	0.2143
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.52	21.8	0.1514
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.22	21.5	0.1413
78	15	50	650000	3750	DFT-s-OFDM 64 QAM	1@268	23.38	21.66	0.1466
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.46	19.74	0.0942
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.16	19.44	0.0879
78	15	50	650000	3750	DFT-s-OFDM 256 QAM	1@268	21.29	19.57	0.0906
78	15	50	650000	3750	CP-OFDM QPSK	135@67	24.51	22.79	0.1901
78	15	50	650000	3750	CP-OFDM QPSK	1@1	24.69	22.97	0.1982
78	15	50	650000	3750	CP-OFDM QPSK	1@268	24.22	22.5	0.1778
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	135@67	26.05	24.33	0.2710
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.75	24.03	0.2529
78	15	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@268	25.78	24.06	0.2547
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	135@67	26.09	24.37	0.2735

78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.96	24.24	0.2655
78	15	50	651666	3774.99	DFT-s-OFDM QPSK	1@268	26.02	24.3	0.2692
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	135@67	25.14	23.42	0.2198
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	25.15	23.43	0.2203
78	15	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@268	25.18	23.46	0.2218
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	135@67	23.65	21.93	0.1560
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@1	23.48	21.76	0.1500
78	15	50	651666	3774.99	DFT-s-OFDM 64 QAM	1@268	23.52	21.8	0.1514
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	135@67	21.65	19.93	0.0984
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@1	21.47	19.75	0.0944
78	15	50	651666	3774.99	DFT-s-OFDM 256 QAM	1@268	21.41	19.69	0.0931
78	15	50	651666	3774.99	CP-OFDM QPSK	135@67	24.6	22.88	0.1941
78	15	50	651666	3774.99	CP-OFDM QPSK	1@1	24.33	22.61	0.1824
78	15	50	651666	3774.99	CP-OFDM QPSK	1@268	24.25	22.53	0.1791
78	15	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.75	24.03	0.2529
78	15	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.79	24.07	0.2553
78	15	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	25.04	23.32	0.2148
78	15	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.86	24.14	0.2594
78	15	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.89	24.17	0.2612
78	15	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.1	23.38	0.2178
78	15	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	25.78	24.06	0.2547
78	15	10	653000	3795	DFT-s-OFDM QPSK	1@1	26.08	24.36	0.2729
78	15	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.84	23.12	0.2051
78	15	15	647167	3707.505	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.12	0.2582
78	15	15	647167	3707.505	DFT-s-OFDM QPSK	1@1	25.8	24.08	0.2559
78	15	15	647167	3707.505	DFT-s-OFDM 16 QAM	1@1	25.05	23.33	0.2153
78	15	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.12	0.2582
78	15	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.95	24.23	0.2649
78	15	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.94	23.22	0.2099
78	15	15	652833	3792.495	DFT-s-OFDM PI/2 BPSK	1@1	26.1	24.38	0.2742
78	15	15	652833	3792.495	DFT-s-OFDM QPSK	1@1	26.02	24.3	0.2692
78	15	15	652833	3792.495	DFT-s-OFDM 16 QAM	1@1	25.01	23.29	0.2133
78	15	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.9	24.18	0.2618
78	15	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.86	24.14	0.2594
78	15	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.11	23.39	0.2183
78	15	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.86	24.14	0.2594
78	15	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.92	24.2	0.2630
78	15	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.93	23.21	0.2094
78	15	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	26.05	24.33	0.2710
78	15	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.13	24.41	0.2761
78	15	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.81	23.09	0.2037
78	15	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.78	24.06	0.2547
78	15	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.76	24.04	0.2535
78	15	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	25.05	23.33	0.2153
78	15	25	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.79	24.07	0.2553
78	15	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.84	24.12	0.2582
78	15	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.5	22.78	0.1897
78	15	25	652500	3787.5	DFT-s-OFDM PI/2 BPSK	1@1	25.89	24.17	0.2612

78	15	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.82	24.1	0.2570
78	15	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.91	23.19	0.2084
78	15	30	647667	3715.005	DFT-s-OFDM PI/2 BPSK	1@1	25.69	23.97	0.2495
78	15	30	647667	3715.005	DFT-s-OFDM QPSK	1@1	25.82	24.1	0.2570
78	15	30	647667	3715.005	DFT-s-OFDM 16 QAM	1@1	24.84	23.12	0.2051
78	15	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.73	24.01	0.2518
78	15	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.74	24.02	0.2523
78	15	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.93	23.21	0.2094
78	15	30	652333	3784.995	DFT-s-OFDM PI/2 BPSK	1@1	25.94	24.22	0.2642
78	15	30	652333	3784.995	DFT-s-OFDM QPSK	1@1	25.86	24.14	0.2594
78	15	30	652333	3784.995	DFT-s-OFDM 16 QAM	1@1	25.11	23.39	0.2183
78	15	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.02	0.2523
78	15	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.68	23.96	0.2489
78	15	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.89	23.17	0.2075
78	15	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.8	24.08	0.2559
78	15	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.82	24.1	0.2570
78	15	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.82	23.1	0.2042
78	15	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.86	24.14	0.2594
78	15	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.8	24.08	0.2559
78	15	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.82	23.1	0.2042



# FR1 N78(ANT9)\_SCS30kHz

## Transmitter Conducted Output Power and EIRP, (G<sub>T</sub>-L<sub>C</sub>)=-1.72dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.51	23.79	0.2393
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.39	23.67	0.2328
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.59	23.87	0.2438
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.52	23.8	0.2399
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.7	23.98	0.2500
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.51	23.79	0.2393
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.59	22.87	0.1936
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.47	22.75	0.1884
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.67	22.95	0.1972
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.11	21.39	0.1377
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.95	21.23	0.1327
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.08	21.36	0.1368
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.05	19.33	0.0857
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.68	18.96	0.0787
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.87	19.15	0.0822
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.99	22.27	0.1687
78	30	100	650000	3750	CP-OFDM QPSK	1@1	24.18	22.46	0.1762
78	30	100	650000	3750	CP-OFDM QPSK	1@271	23.99	22.27	0.1687
78	30	10	647000	3705	DFT-s-OFDM PI/2 BPSK	1@1	25.44	23.72	0.2355
78	30	10	647000	3705	DFT-s-OFDM QPSK	1@1	25.69	23.97	0.2495
78	30	10	647000	3705	DFT-s-OFDM 16 QAM	1@1	24.67	22.95	0.1972
78	30	10	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.57	23.85	0.2427
78	30	10	650000	3750	DFT-s-OFDM QPSK	1@1	25.55	23.83	0.2415
78	30	10	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	10	653000	3795	DFT-s-OFDM PI/2 BPSK	1@1	25.62	23.9	0.2455
78	30	10	653000	3795	DFT-s-OFDM QPSK	1@1	25.5	23.78	0.2388
78	30	10	653000	3795	DFT-s-OFDM 16 QAM	1@1	24.62	22.9	0.1950
78	30	15	647168	3707.52	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.81	0.2404
78	30	15	647168	3707.52	DFT-s-OFDM QPSK	1@1	25.48	23.76	0.2377
78	30	15	647168	3707.52	DFT-s-OFDM 16 QAM	1@1	24.74	23.02	0.2004
78	30	15	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.63	23.91	0.2460
78	30	15	650000	3750	DFT-s-OFDM QPSK	1@1	25.5	23.78	0.2388
78	30	15	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	15	652832	3792.48	DFT-s-OFDM PI/2 BPSK	1@1	25.81	24.09	0.2564
78	30	15	652832	3792.48	DFT-s-OFDM QPSK	1@1	25.57	23.85	0.2427
78	30	15	652832	3792.48	DFT-s-OFDM 16 QAM	1@1	24.75	23.03	0.2009
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	25.59	23.87	0.2438
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.72	24	0.2512
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.62	22.9	0.1950
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.57	23.85	0.2427

78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.8	24.08	0.2559
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	25.57	23.85	0.2427
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	25.91	24.19	0.2624
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	24.68	22.96	0.1977
78	30	25	647500	3712.5	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.81	0.2404
78	30	25	647500	3712.5	DFT-s-OFDM QPSK	1@1	25.7	23.98	0.2500
78	30	25	647500	3712.5	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	25	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.58	23.86	0.2432
78	30	25	650000	3750	DFT-s-OFDM QPSK	1@1	25.81	24.09	0.2564
78	30	25	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.68	22.96	0.1977
78	30	25	652500	3787.5	DFT-s-OFDM PI/2 BPSK	1@1	25.73	24.01	0.2518
78	30	25	652500	3787.5	DFT-s-OFDM QPSK	1@1	25.64	23.92	0.2466
78	30	25	652500	3787.5	DFT-s-OFDM 16 QAM	1@1	24.73	23.01	0.2000
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	25.68	23.96	0.2489
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.33	23.61	0.2296
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	24.59	22.87	0.1936
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.53	23.81	0.2404
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.75	24.03	0.2529
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	25.68	23.96	0.2489
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	25.88	24.16	0.2606
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	24.79	23.07	0.2028
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	25.51	23.79	0.2393
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.68	23.96	0.2489
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	24.62	22.9	0.1950
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.6	23.88	0.2443
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.74	24.02	0.2523
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.68	22.96	0.1977
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	25.54	23.82	0.2410
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	25.69	23.97	0.2495
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	24.71	22.99	0.1991
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.89	0.2449
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.5	23.78	0.2388
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.48	22.76	0.1888
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.47	23.75	0.2371
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.79	24.07	0.2553
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.63	22.91	0.1954
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	25.65	23.93	0.2472
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.88	24.16	0.2606
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.72	23	0.1995
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	25.59	23.87	0.2438
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.8	24.08	0.2559
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.65	22.93	0.1963
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.54	23.82	0.2410
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.67	23.95	0.2483
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.65	22.93	0.1963
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.12	0.2582

78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.72	24	0.2512
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.83	23.11	0.2046
78	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.65	23.93	0.2472
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.75	24.03	0.2529
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.71	22.99	0.1991
78	30	70	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.61	23.89	0.2449
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.79	24.07	0.2553
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.72	23	0.1995
78	30	70	651000	3765	DFT-s-OFDM PI/2 BPSK	1@1	25.55	23.83	0.2415
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.73	24.01	0.2518
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.69	22.97	0.1982
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.02	0.2523
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.83	24.11	0.2576
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.72	23	0.1995
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.7	23.98	0.2500
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.49	23.77	0.2382
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.8	23.08	0.2032
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.63	23.91	0.2460
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.72	24	0.2512
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.7	22.98	0.1986
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.82	24.1	0.2570
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.48	23.76	0.2377
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.81	23.09	0.2037
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.73	24.01	0.2518
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	26	24.28	0.2679
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.88	23.16	0.2070
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.65	23.93	0.2472
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	26.03	24.31	0.2698
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.79	23.07	0.2028



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Qingsheng He	Temperature :	22~25°C
		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(ANT6)									
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	7584	-53.96	-13	-40.96	-50.83	-57.26	8.30	11.60	H
	11376	-49.92	-13	-36.92	-55.59	-51.44	10.48	12.00	H
	15168	-53.01	-13	-40.01	-58.18	-54.71	11.80	13.50	H
	7584	-49.53	-13	-36.53	-46.19	-52.83	8.30	11.60	V
	11376	-44.86	-13	-31.86	-50.34	-46.38	10.48	12.00	V
	15168	-52.70	-13	-39.70	-58.18	-54.40	11.80	13.50	V

n78 SA / NR 100MHz / QPSK(ANT6)									
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	7402.5	-57.08	-13	-44.08	-54.53	-60.38	8.30	11.60	H
	11103.75	-51.65	-13	-38.65	-56.07	-53.17	10.48	12.00	H
	14805	-52.39	-13	-39.39	-58.97	-54.09	11.80	13.50	H
	7402.5	-55.91	-13	-42.91	-53.41	-59.21	8.30	11.60	V
	11103.75	-52.66	-13	-39.66	-56.78	-54.18	10.48	12.00	V
	14805	-52.39	-13	-39.39	-59.16	-54.09	11.80	13.50	V



EN-DC 41A_n78A / LTE 20MHz + NR 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)
NR n78 Middle	7402.5	-57.07	-13	-44.07	-54.52	-60.37	8.30	11.60	H
	11103.75	-48.53	-13	-35.53	-52.95	-50.05	10.48	12.00	H
	14805	-52.62	-13	-39.62	-59.20	-54.32	11.80	13.50	H
	7402.5	-54.96	-13	-41.96	-52.46	-58.26	8.30	11.60	V
	11103.75	-49.61	-13	-36.61	-53.73	-51.13	10.48	12.00	V
	14805	-51.12	-13	-38.12	-57.89	-52.82	11.80	13.50	V
LTE Band41 Middle	5177.00	-62.00	-25	-37.00	-79.54	-67.56	7.14	12.70	H
	7765.50	-59.36	-25	-34.36	-56.50	-62.66	8.30	11.60	H
	10354.00	-55.91	-25	-30.91	-57.03	-57.43	10.48	12.00	H
	5177.00	-62.22	-25	-37.22	-79.7	-67.78	7.14	12.70	V
	7765.50	-59.05	-25	-34.05	-56.17	-62.35	8.30	11.60	V
	10354.00	-56.14	-25	-31.14	-57.06	-57.66	10.48	12.00	V

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