

# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	45	349000	1745.0	DFT-s-OFDM PI/2 BPSK	240@0	6.7	13	PASS
66	15	45	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.57	13	PASS
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	240@0	7.55	13	PASS
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.54	13	PASS

B7\_N66(45M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B7\_N66(45M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

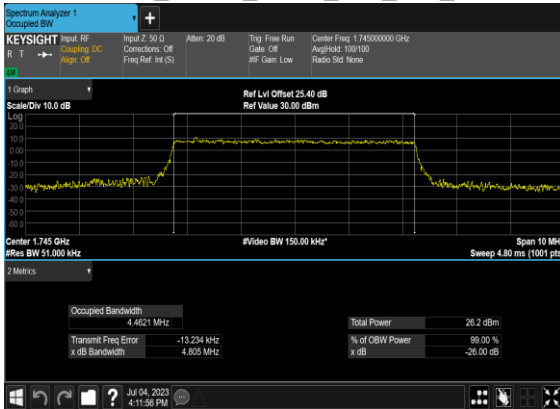


## Occupied Bandwidth

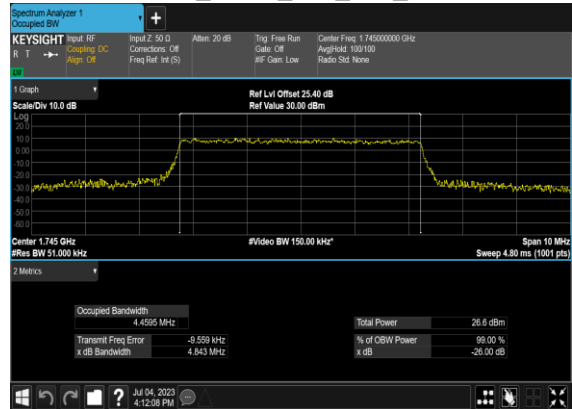
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4621	4.805
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4595	4.843
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4707	4.772
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4663	4.827
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2567	9.729
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2832	9.775
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2972	9.817
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2776	9.791
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.088	14.75
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.116	14.74
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.074	14.71
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.064	14.64
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.88	19.74
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.876	19.71
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.829	19.74
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.836	19.79
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.678	24.68
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.66	24.65
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.699	24.66
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.663	24.65
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.564	29.5
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.535	29.53
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.557	29.55
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.461	29.8
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.475	34.81
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.507	34.7

66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.423	34.67
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.452	35.01
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.483	39.89
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.475	39.93
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.58	39.97
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.451	39.8
66	15	45	349000	1745.0	CP-OFDM QPSK	242@0	43.122	44.54
66	15	45	349000	1745.0	CP-OFDM 16 QAM	242@0	43.175	44.95
66	15	45	349000	1745.0	CP-OFDM 64 QAM	242@0	43.119	44.82
66	15	45	349000	1745.0	CP-OFDM 256 QAM	242@0	43.149	44.81

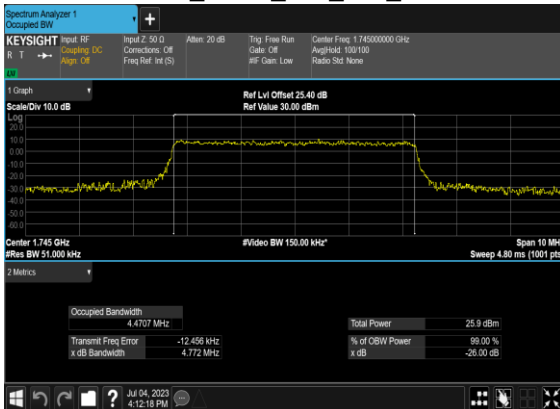
### B7\_N66(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B7\_N66(5M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



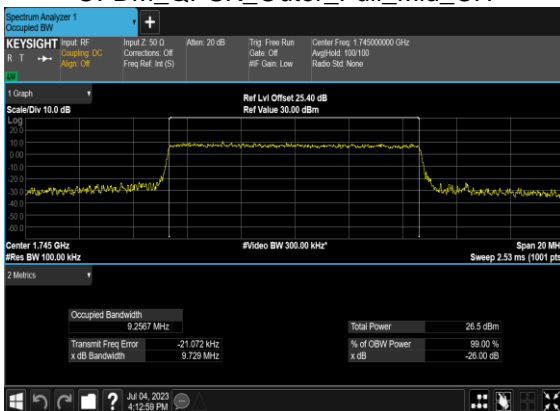
### B7\_N66(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



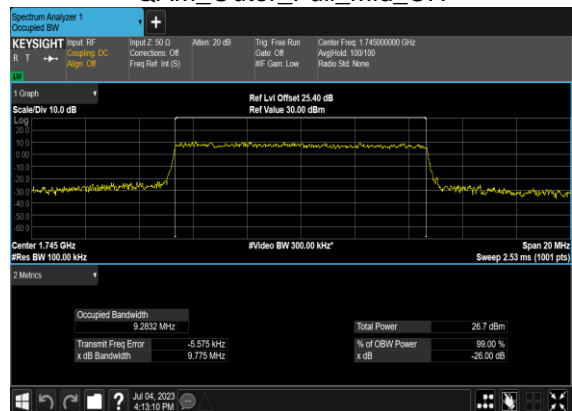
### B7\_N66(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



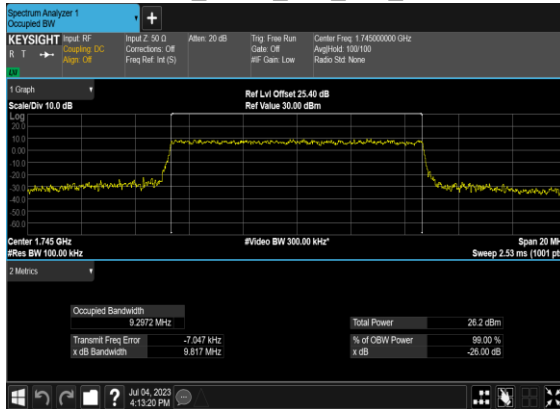
### B7\_N66(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



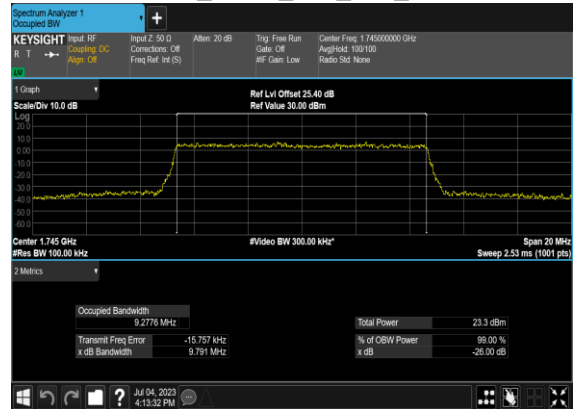
### B7\_N66(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



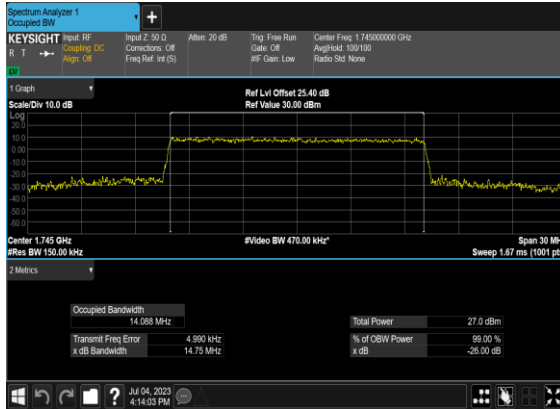
B7\_N66(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



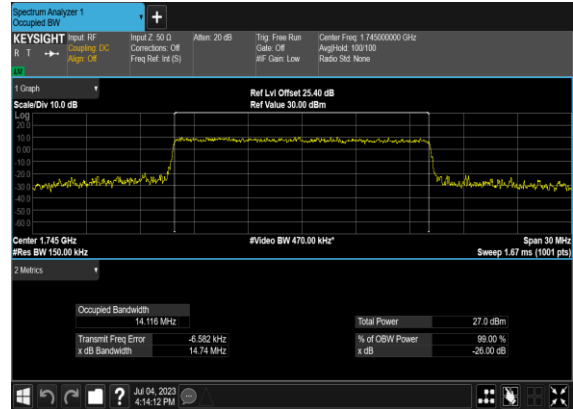
B7\_N66(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



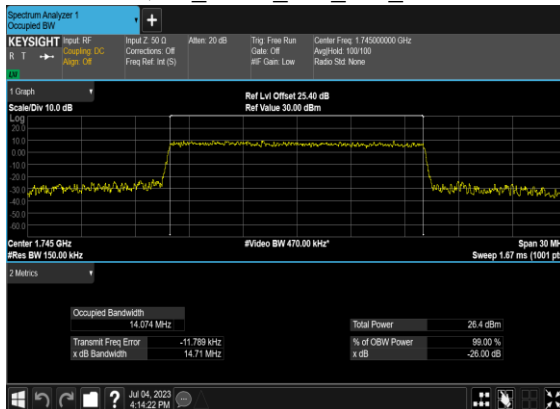
B7\_N66(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



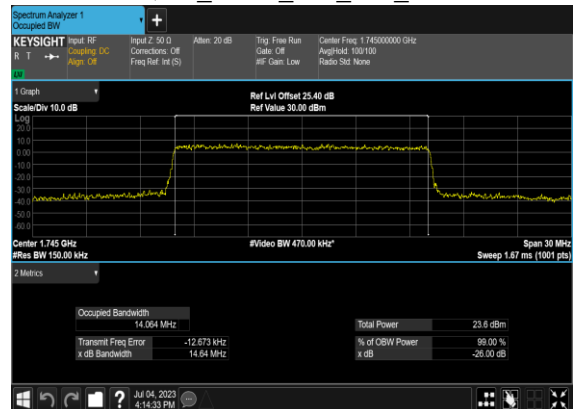
B7\_N66(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



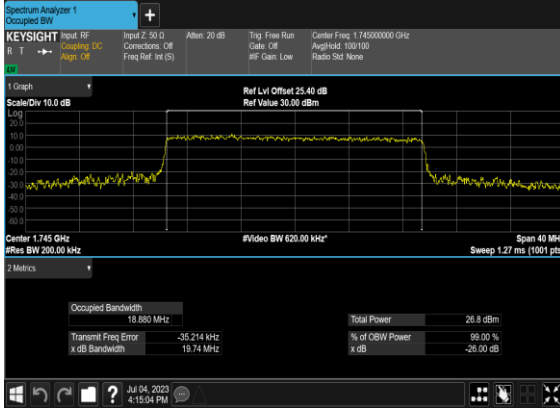
B7\_N66(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



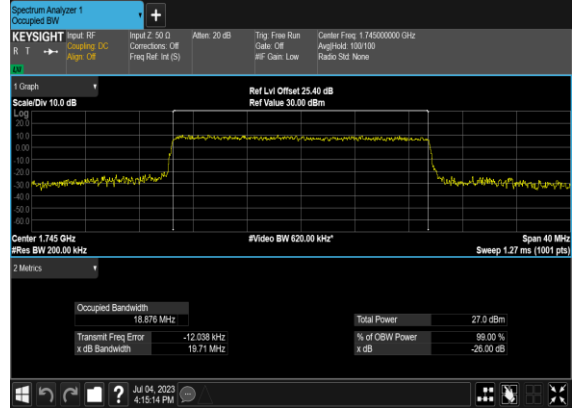
B7\_N66(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



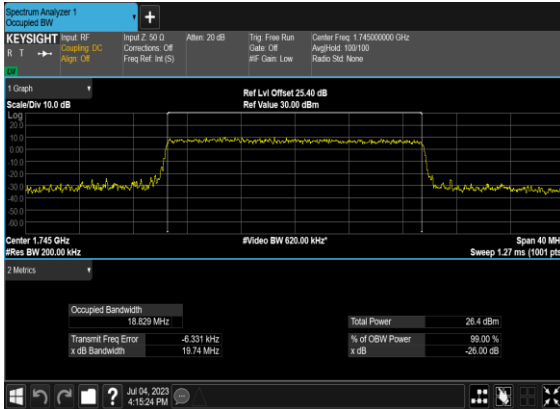
B7\_N66(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



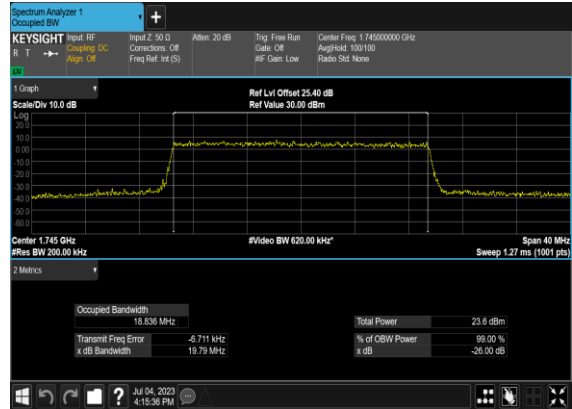
B7\_N66(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



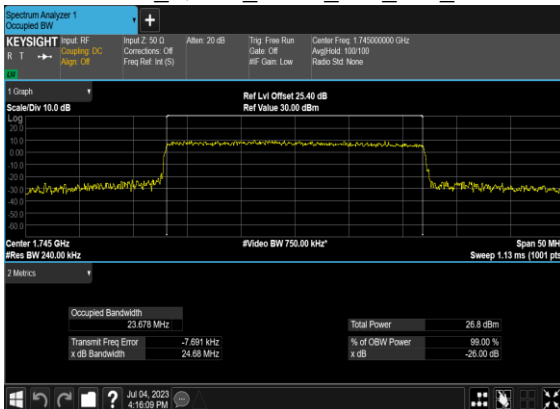
B7\_N66(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



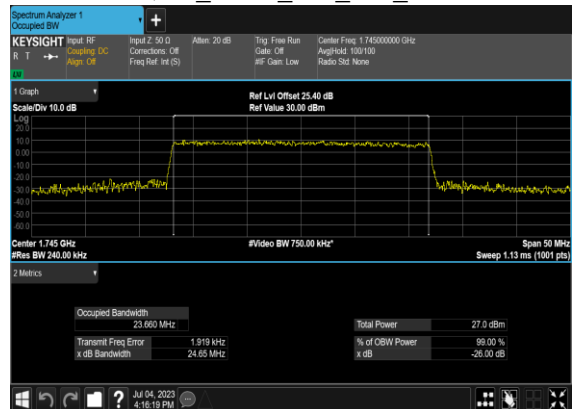
B7\_N66(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



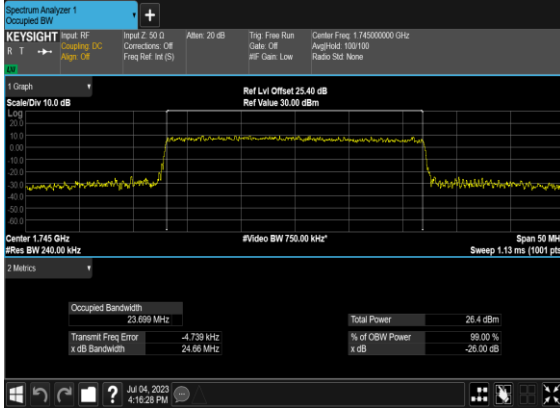
B7\_N66(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



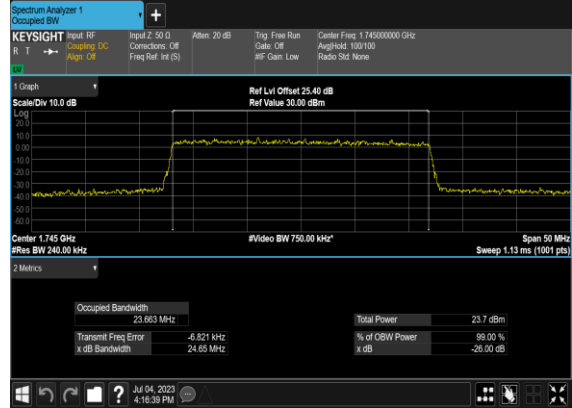
B7\_N66(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



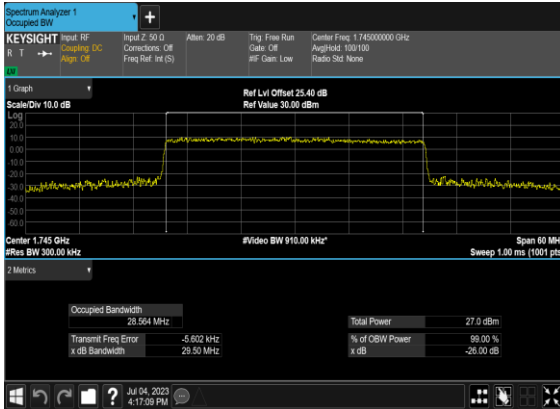
B7\_N66(25M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B7\_N66(25M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



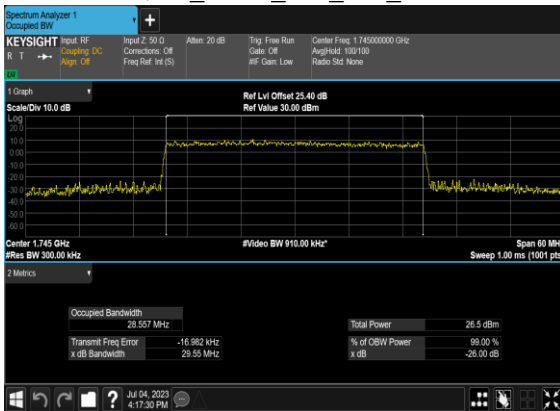
B7\_N66(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



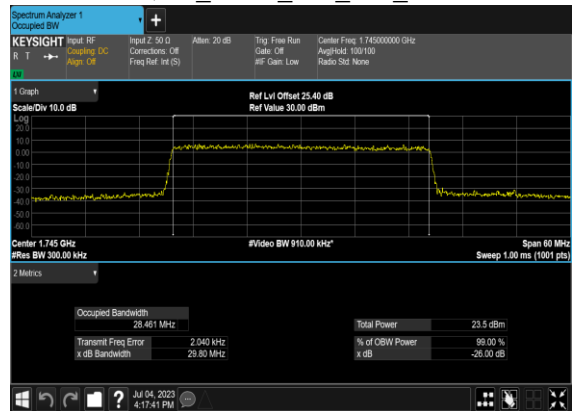
B7\_N66(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B7\_N66(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B7\_N66(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



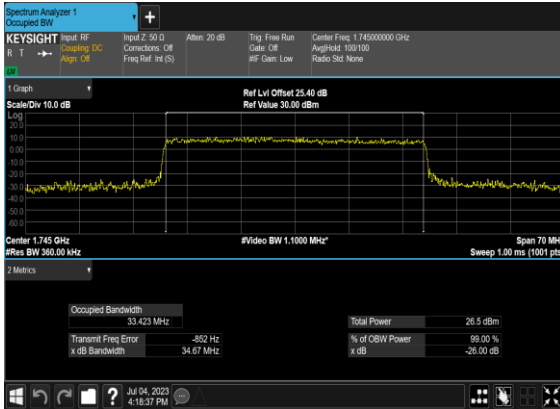
### B7\_N66(35M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



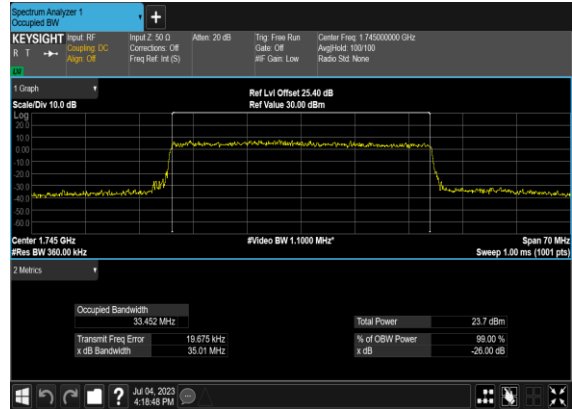
### B7\_N66(35M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



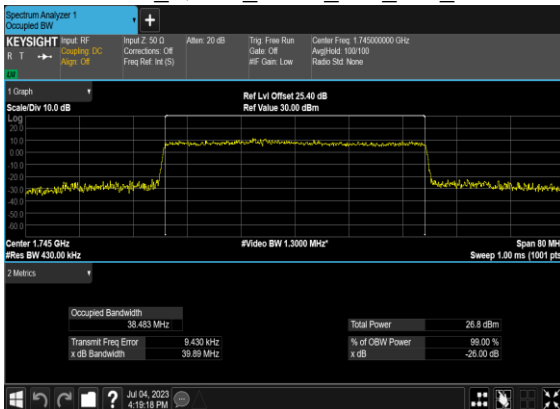
### B7\_N66(35M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



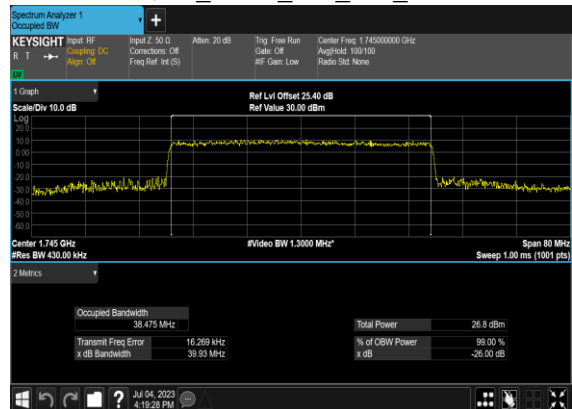
### B7\_N66(35M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



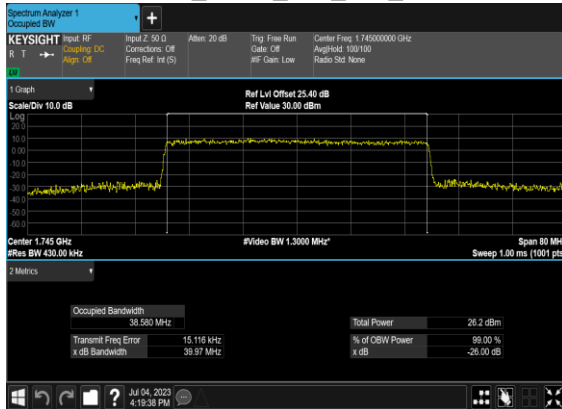
### B7\_N66(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



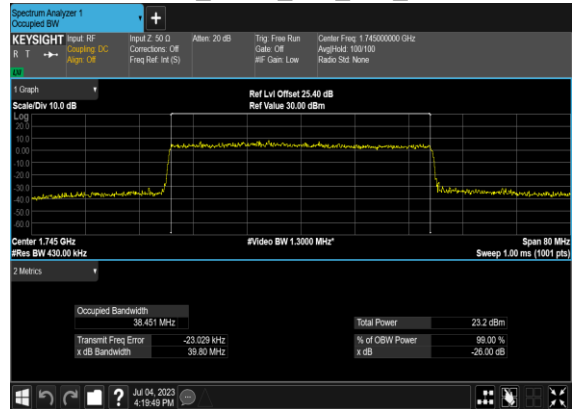
### B7\_N66(40M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



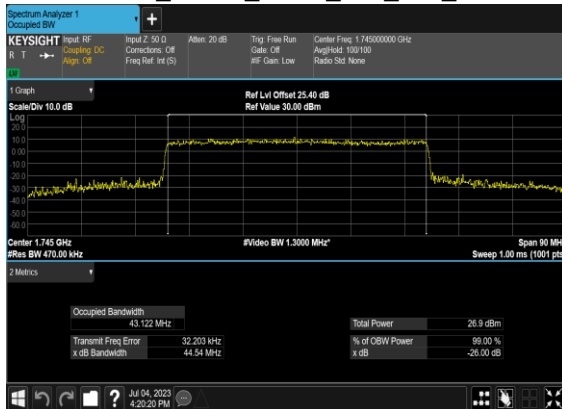
B7\_N66(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



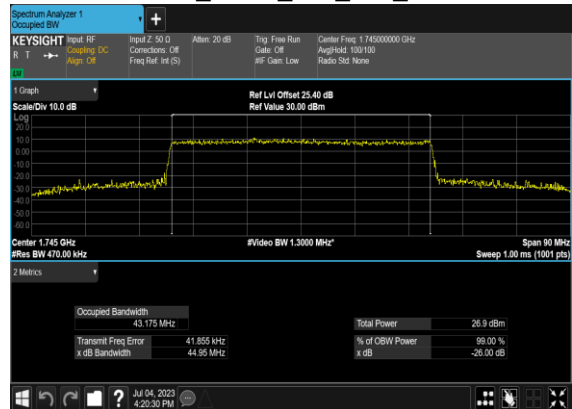
B7\_N66(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



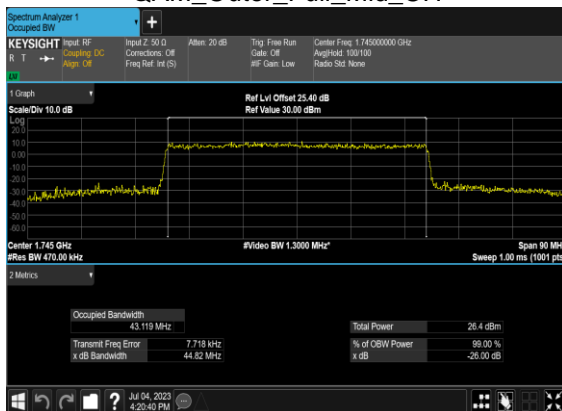
B7\_N66(45M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



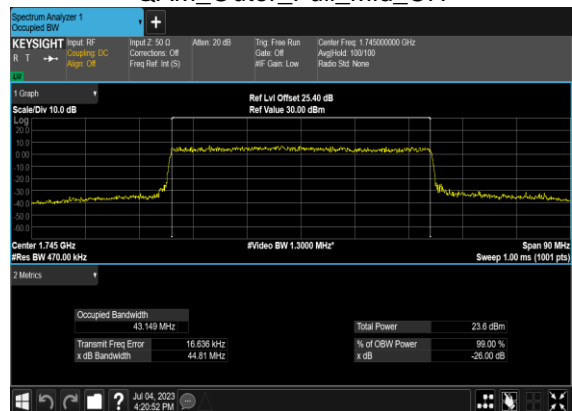
B7\_N66(45M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B7\_N66(45M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B7\_N66(45M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

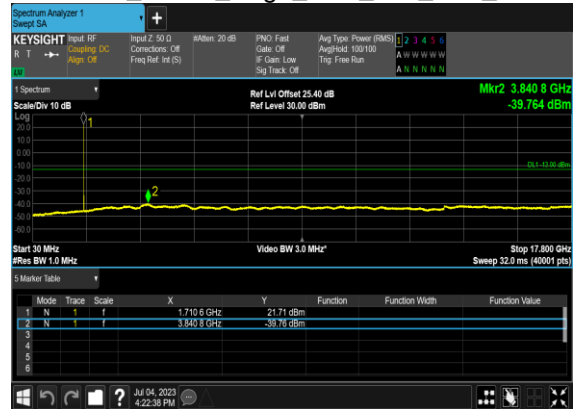
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	---

66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

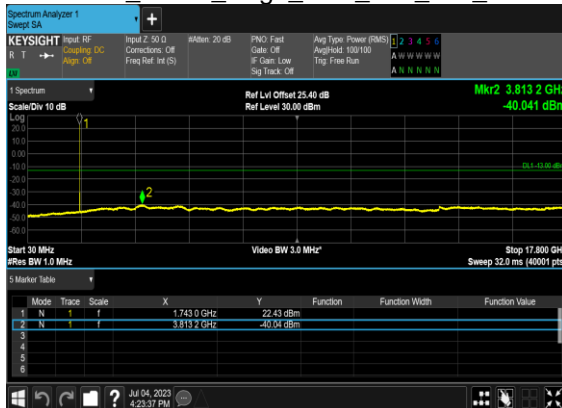
B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



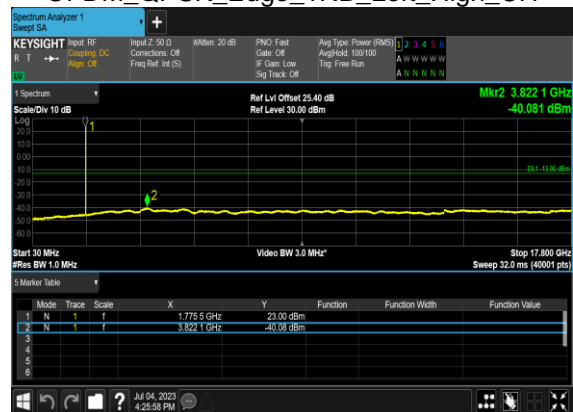
B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



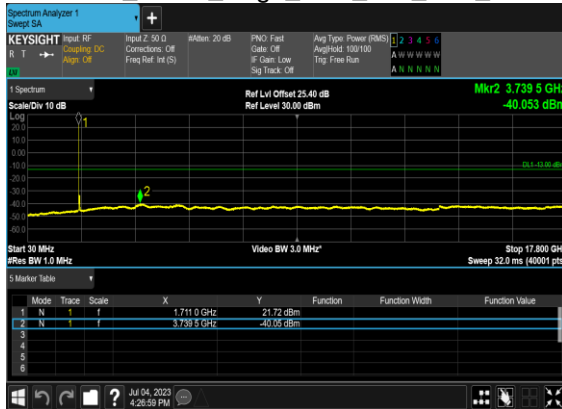
B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



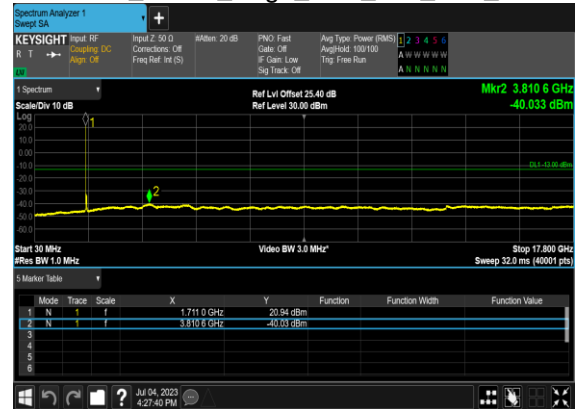
B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



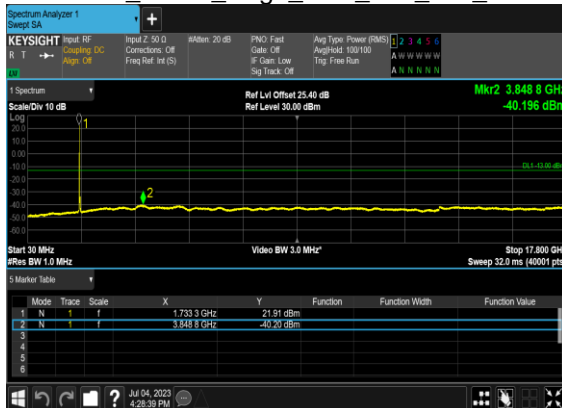
B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



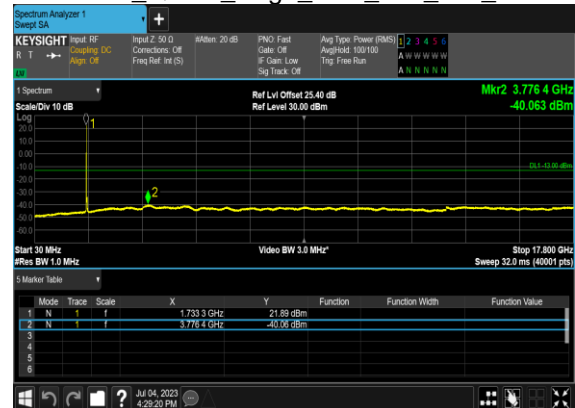
B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



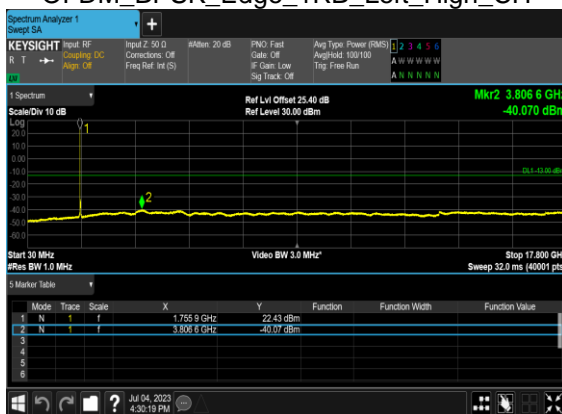
B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



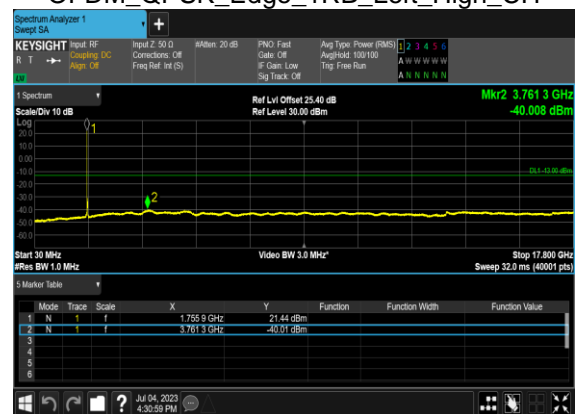
B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



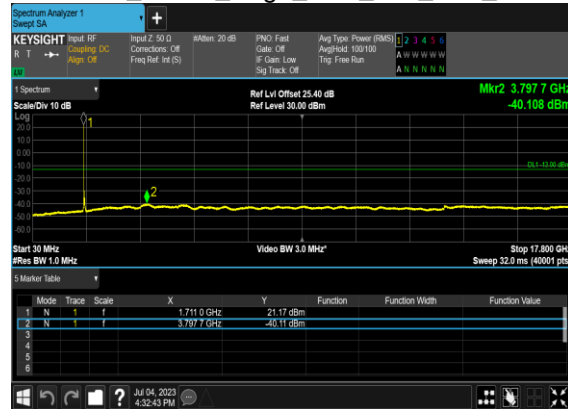
B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



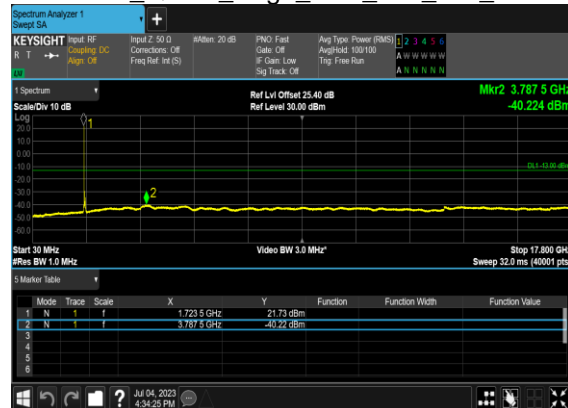
B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



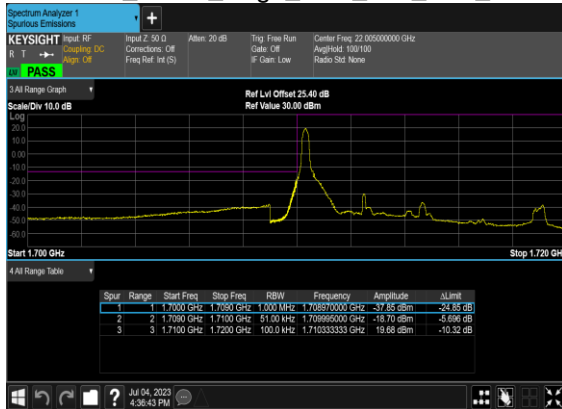
B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



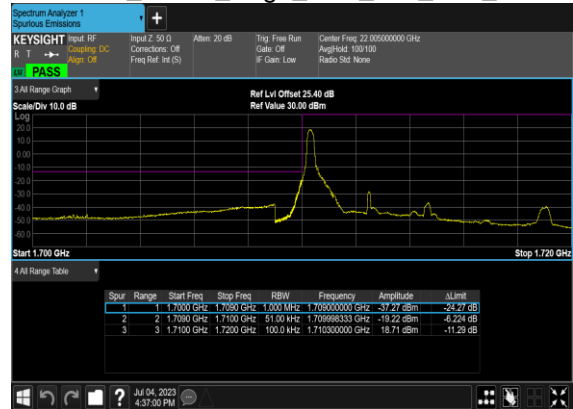
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	PASS

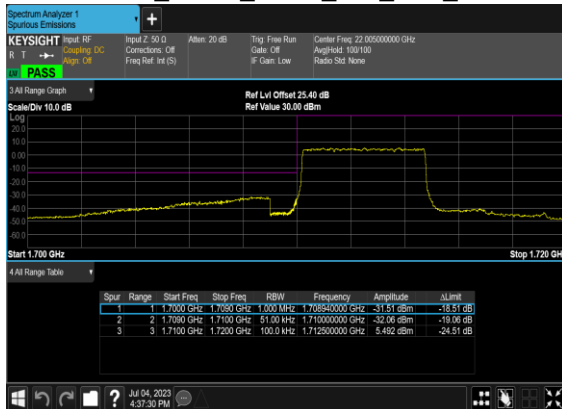
### B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



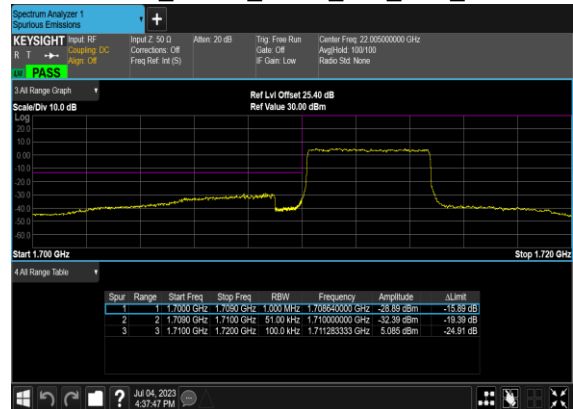
### B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



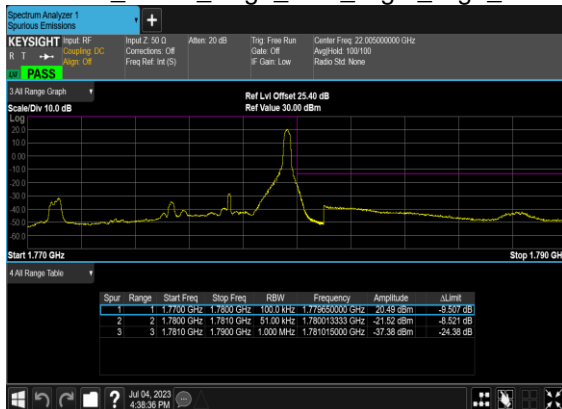
### B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



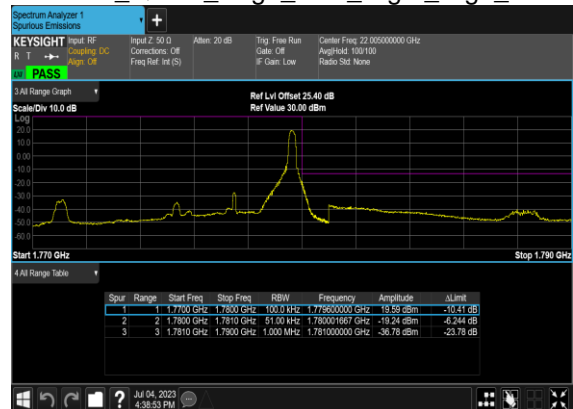
### B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



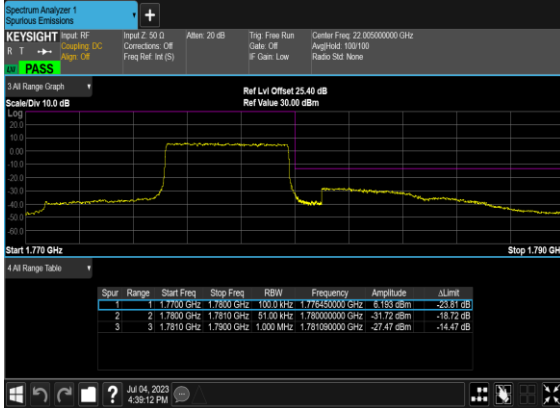
### B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



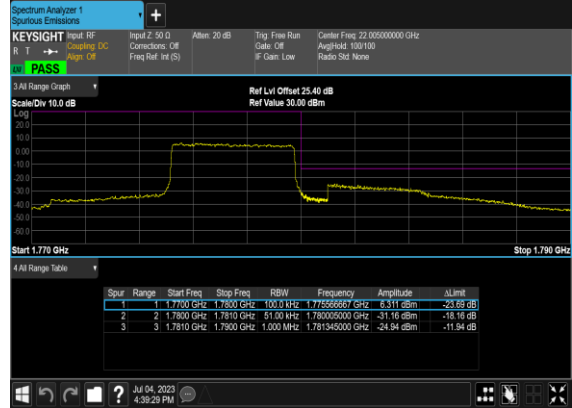
### B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



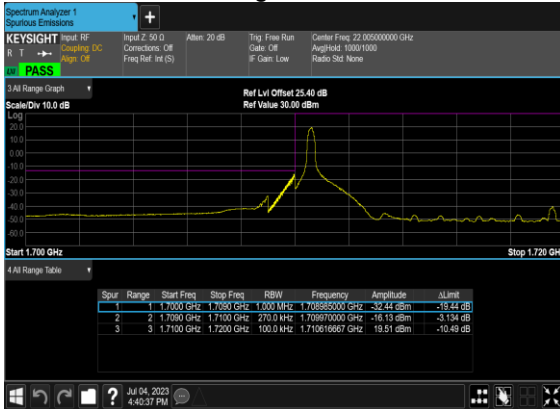
B7\_N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



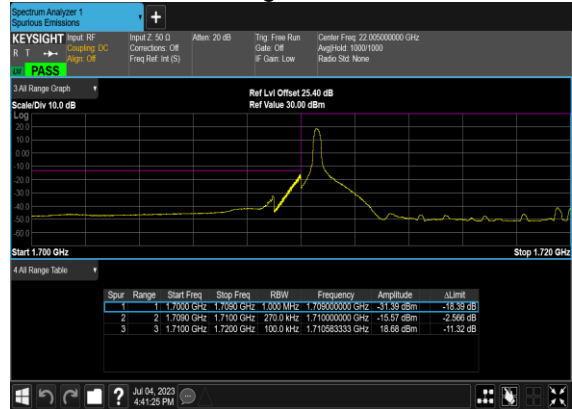
B7\_N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



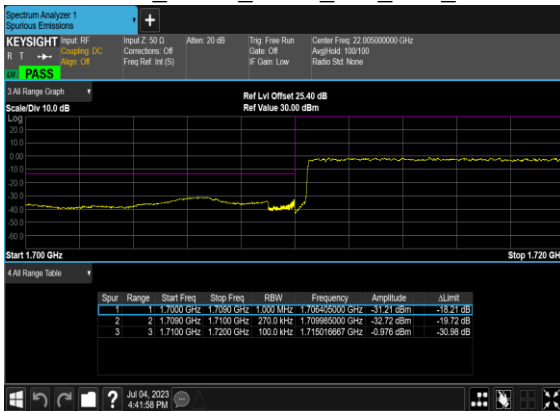
B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



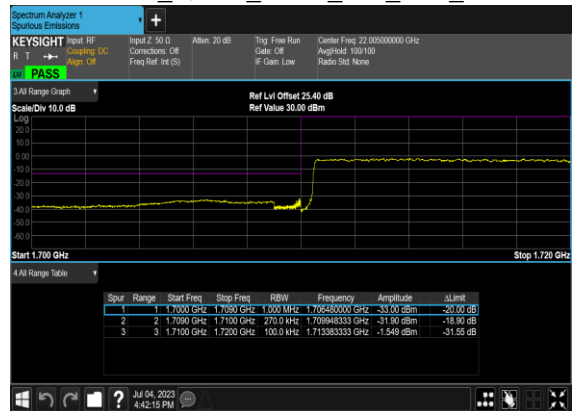
B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



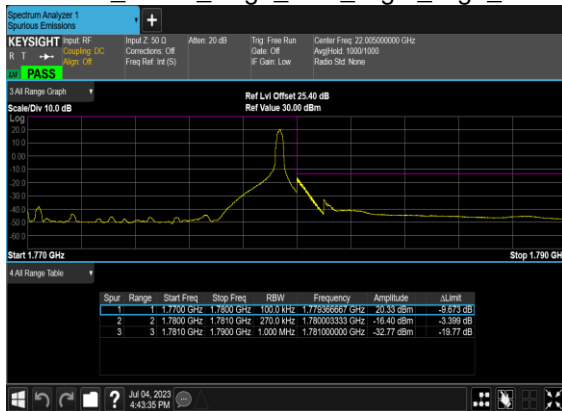
B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



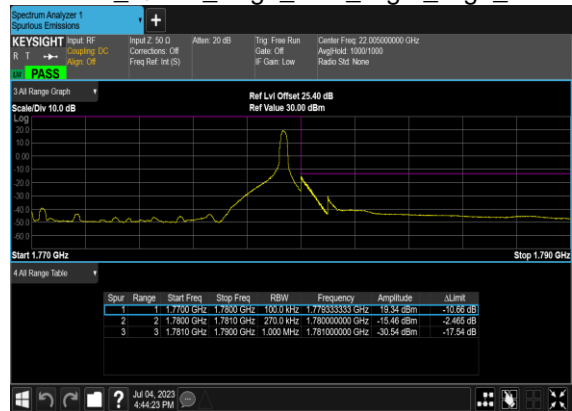
B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



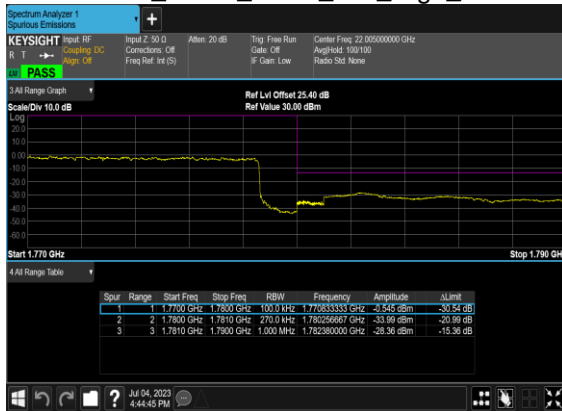
### B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



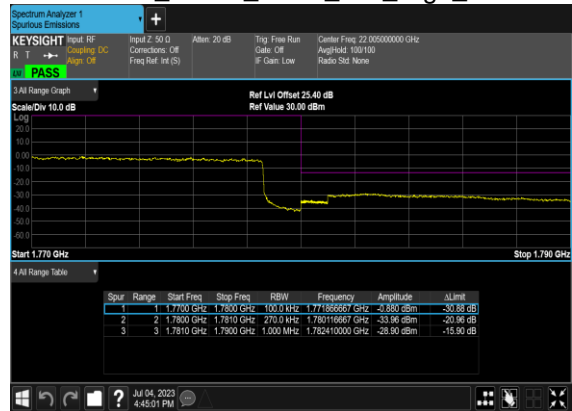
### B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



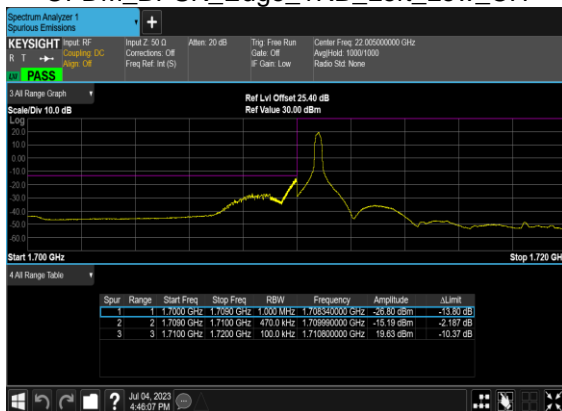
### B7\_N66(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



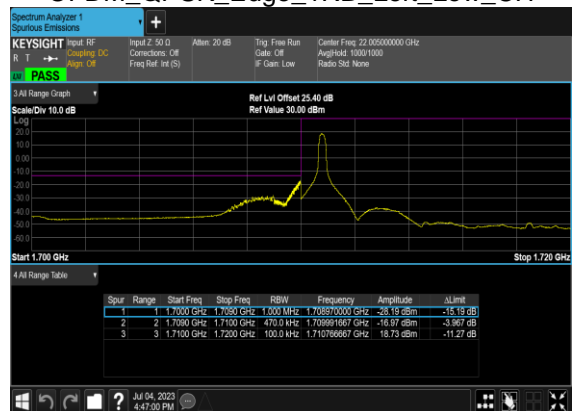
### B7\_N66(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



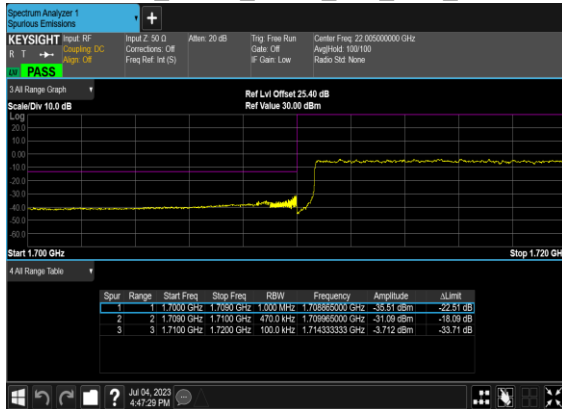
### B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



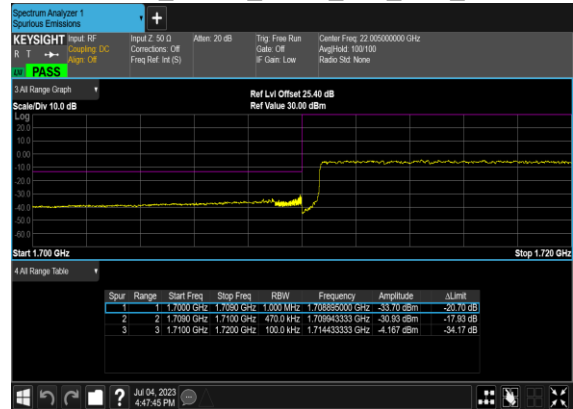
### B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



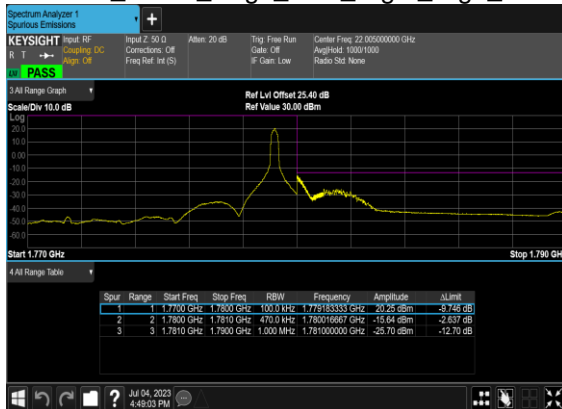
B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



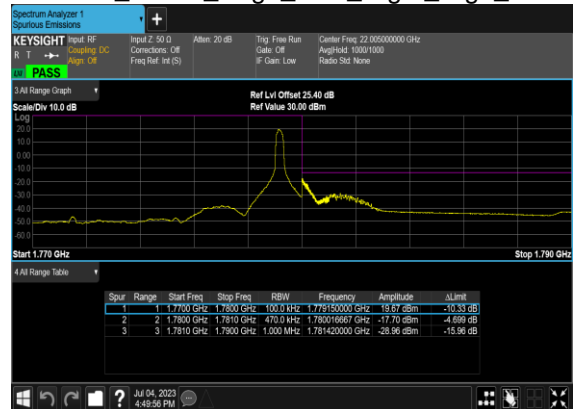
B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



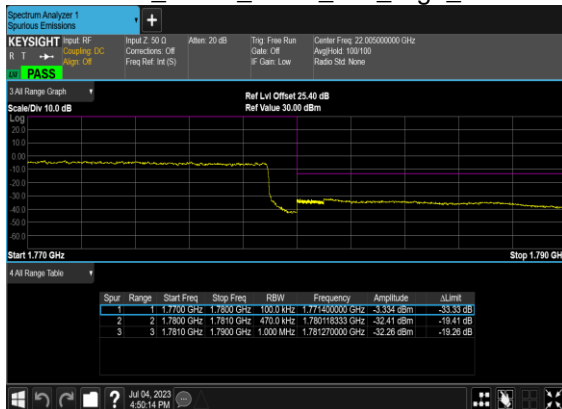
B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



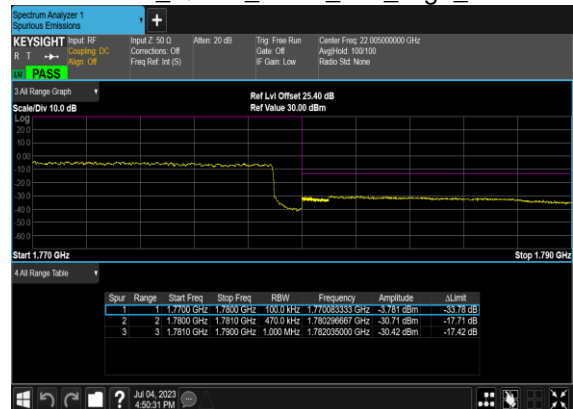
B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B7\_N66(45M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



B7\_N66(45M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

5G NR n2 SA (Main PA) / NR 30MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-53.14	-13	-40.14	-65.40	2.64	14.90	H
	5595	-52.83	-13	-39.83	-64.69	2.94	14.80	H
	7470	-52.80	-13	-39.80	-62.57	3.39	13.16	H
	3735	-48.84	-13	-35.84	-61.10	2.64	14.90	V
	5595	-49.88	-13	-36.88	-61.74	2.94	14.80	V
	7470	-52.92	-13	-39.92	-62.69	3.39	13.16	V

EN-DC_5A_n2A (Ohter PA) / LTE 10MHz + NR 30MHz / QPSK / LTE ANT0 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-55.80	-13	-42.80	-68.06	2.64	14.90	H
	5595	-52.36	-13	-39.36	-64.22	2.94	14.80	H
	7470	-50.07	-13	-37.07	-59.84	3.39	13.16	H
	9330	-48.54	-13	-35.54	-57.66	5.57	14.69	H
	3735	-56.62	-13	-43.62	-68.88	2.64	14.90	V
	5595	-54.06	-13	-41.06	-65.92	2.94	14.80	V
	7470	-52.40	-13	-39.40	-62.17	3.39	13.16	V
	9330	-48.17	-13	-35.17	-57.29	5.57	14.69	V



EN-DC_7A_n2A (Ohter PA) / LTE 20MHz + NR 30MHz / QPSK / LTE ANT1 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3735	-57.04	-13	-44.04	-69.30	2.64	14.90	H
	5595	-49.39	-13	-36.39	-61.25	2.94	14.80	H
	7470	-48.00	-13	-35.00	-57.77	3.39	13.16	H
	9330	-47.42	-13	-34.42	-56.54	5.57	14.69	H
	3735	-56.93	-13	-43.93	-69.19	2.64	14.90	V
	5595	-52.96	-13	-39.96	-64.82	2.94	14.80	V
	7470	-51.70	-13	-38.70	-61.47	3.39	13.16	V
	9330	-46.76	-13	-33.76	-55.88	5.57	14.69	V

5G NR n5 SA / NR 25MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1648	-65.73	-13	-52.73	-72.70	1.58	10.70	H
	2472	-61.32	-13	-48.32	-69.57	2.102	12.50	H
	3296	-60.91	-13	-47.91	-69.80	2.856	13.90	H
	1648	-64.86	-13	-51.86	-71.83	1.58	10.70	V
	2472	-59.55	-13	-46.55	-67.80	2.10	12.50	V
	3296	-59.22	-13	-46.22	-68.11	2.86	13.90	V

EN-DC_2A_n5A / LTE 20MHz + NR 25MHz / QPSK / LTE ANT 0 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1648	-65.71	-13	-52.71	-72.68	1.58	10.70	H
	2472	-61.16	-13	-48.16	-69.41	2.102	12.50	H
	3296	-60.48	-13	-47.48	-69.37	2.856	13.90	H
	1648	-64.79	-13	-51.79	-71.76	1.58	10.70	V
	2472	-58.89	-13	-45.89	-67.14	2.10	12.50	V
	3296	-58.20	-13	-45.20	-67.09	2.86	13.90	V

5G NR n26 SA / NR 20MHz / QPSK / ANT0								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1648	-65.05	-13	-52.05	-72.02	1.58	10.70	H
	2464	-61.26	-13	-48.26	-69.51	2.102	12.50	H
	3288	-60.26	-13	-47.26	-69.15	2.856	13.90	H
	1648	-64.15	-13	-51.15	-71.12	1.58	10.70	V
	2464	-59.27	-13	-46.27	-67.52	2.10	12.50	V
	3288	-58.63	-13	-45.63	-67.52	2.86	13.90	V



5G NR n7 SA (Main PA) / NR 50MHz / QPSK / ANT1								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5022	-62.62	-25	-37.62	-72.83	3.03	13.24	H
	7528	-55.77	-25	-30.77	-65.22	3.56	13.01	H
	10048	-62.03	-25	-37.03	-71.55	3.92	13.44	H
	5022	-63.62	-25	-38.62	-73.83	3.03	13.24	V
	7528	-57.68	-25	-32.68	-67.13	3.56	13.01	V
	10048	-62.38	-25	-37.38	-71.90	3.92	13.44	V

EN-DC_5A_n7A (Main PA) / LTE 10MHz + NR 50MHz / QPSK / LTE ANT0 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5022	-59.19	-25	-34.19	-69.40	3.03	13.24	H
	7528	-59.58	-25	-34.58	-69.03	3.56	13.01	H
	10048	-56.03	-25	-31.03	-65.55	3.92	13.44	H
	5022	-57.47	-25	-32.47	-67.68	3.03	13.24	V
	7528	-56.82	-25	-31.82	-66.27	3.56	13.01	V
	10048	-51.24	-25	-26.24	-60.76	3.92	13.44	V

EN-DC_66A_n7A (Ohter PA) / LTE 20MHz + NR 50MHz / QPSK / LTE ANT0 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5022	-58.94	-25	-33.94	-69.15	3.03	13.24	H
	7528	-59.49	-25	-34.49	-68.94	3.56	13.01	H
	10048	-53.43	-25	-28.43	-62.95	3.92	13.44	H
	5022	-56.20	-25	-31.20	-66.41	3.03	13.24	V
	7528	-57.66	-25	-32.66	-67.11	3.56	13.01	V
	10048	-52.58	-25	-27.58	-62.10	3.92	13.44	V

5G NR n66 SA (Main PA) / NR 45MHz / QPSK / ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-57.06	-13	-44.06	-67.80	2.604	13.34	H
	5175	-51.02	-13	-38.02	-61.53	3.011	13.52	H
	6900	-54.68	-13	-41.68	-64.88	3.271	13.47	H
	3450	-54.81	-13	-41.81	-65.55	2.604	13.34	V
	5175	-55.10	-13	-42.10	-65.61	3.011	13.52	V
	6900	-54.79	-13	-41.79	-64.99	3.271	13.47	V



EN-DC_5A_n66A (Other PA) / LTE 10MHz + NR 45MHz / QPSK / LTE ANT4 + NR ANT0								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-54.76	-13	-41.76	-65.50	2.604	13.34	H
	5175	-54.93	-13	-41.93	-65.44	3.011	13.52	H
	6900	-49.80	-13	-36.80	-60.00	3.271	13.47	H
	8610	-45.58	-13	-32.58	-52.55	5.527	12.5	H
	3450	-53.42	-13	-40.42	-64.16	2.604	13.34	V
	5175	-55.05	-13	-42.05	-65.56	3.011	13.52	V
	6900	-53.46	-13	-40.46	-63.66	3.271	13.47	V
	8610	-47.64	-13	-34.64	-54.61	5.527	12.50	V

EN-DC_7A_n66A (Other PA) / LTE 20MHz + NR 45MHz / QPSK / LTE ANT1 + NR ANT4								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-56.41	-13	-43.41	-67.15	2.604	13.34	H
	5175	-55.05	-13	-42.05	-65.56	3.011	13.52	H
	6900	-49.30	-13	-36.30	-59.50	3.271	13.47	H
	8610	-45.66	-13	-32.66	-52.63	5.527	12.5	H
	3450	-55.53	-13	-42.53	-66.27	2.604	13.34	V
	5175	-55.41	-13	-42.41	-65.92	3.011	13.52	V
	6900	-52.52	-13	-39.52	-62.72	3.271	13.47	V
	8610	-47.91	-13	-34.91	-54.88	5.527	12.50	V

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