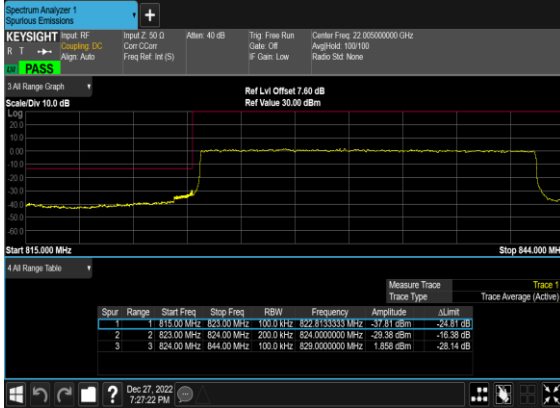
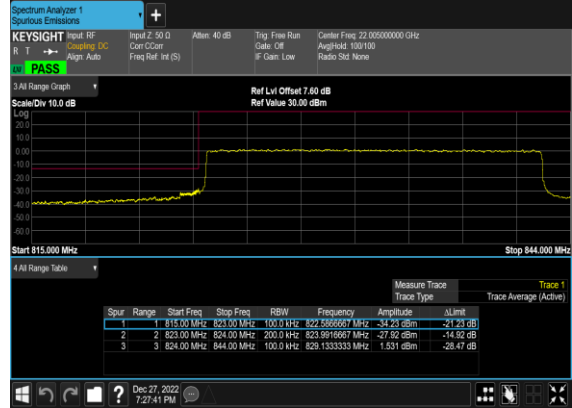


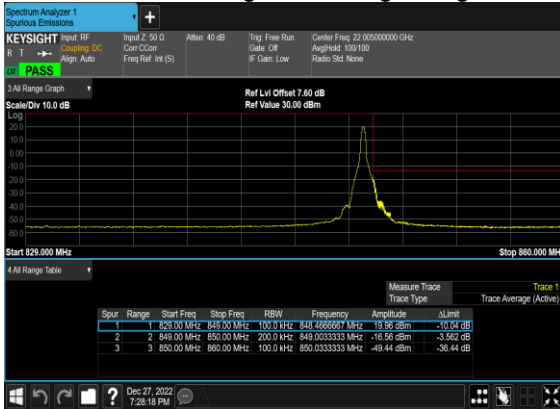
### N26(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



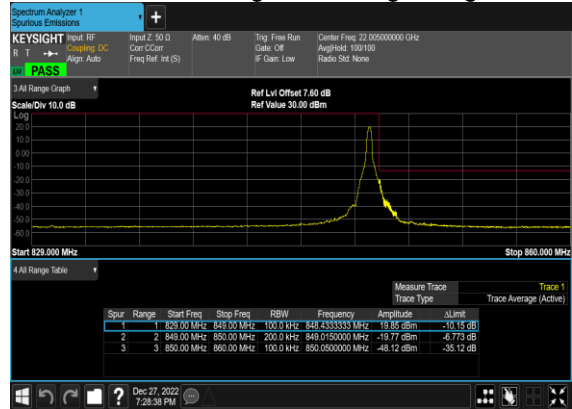
### N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N26(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



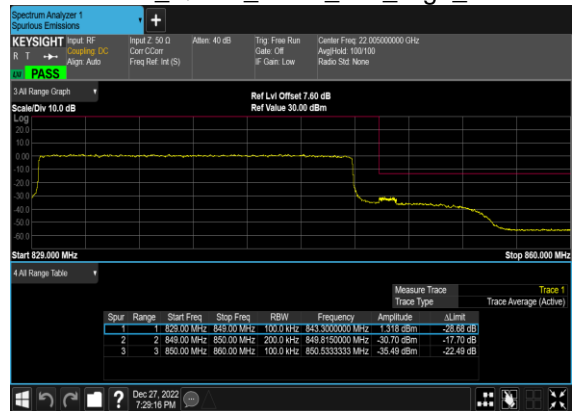
### N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N26(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N71(ANT0)

## Transmitter Conducted Output Power and ERP, ( $G_T - L_C$ )=-2.97dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	23.57	18.45	0.0700
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.11	17.99	0.0630
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.43	18.31	0.0678
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.02	17.9	0.0617
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.3	18.18	0.0658
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	22.85	17.73	0.0593
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@1	23.46	18.34	0.0682
71	15	10	133600	668.0	DFT-s-OFDM 16 QAM	1@1	23.03	17.91	0.0618
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.62	18.5	0.0708
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.21	18.09	0.0644
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@1	23.47	18.35	0.0684
71	15	10	138600	693.0	DFT-s-OFDM 16 QAM	1@1	23.05	17.93	0.0621
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.57	18.45	0.0700
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.15	18.03	0.0635
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.77	18.65	0.0733
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.35	18.23	0.0665
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.67	18.55	0.0716
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.24	18.12	0.0649
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	50@25	23.39	18.27	0.0671
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1@1	23.4	18.28	0.0673
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1@104	23.26	18.14	0.0652
71	15	20	134600	673.0	DFT-s-OFDM QPSK	50@25	23.4	18.28	0.0673

71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@1	23.61	18.49	0.0706
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@104	23.35	18.23	0.0665
71	15	20	134600	673.0	DFT-s-OFDM 16 QAM	50@25	23.03	17.91	0.0618
71	15	20	134600	673.0	DFT-s-OFDM 16 QAM	1@1	22.88	17.76	0.0597
71	15	20	134600	673.0	DFT-s-OFDM 16 QAM	1@104	23.1	17.98	0.0628
71	15	20	134600	673.0	DFT-s-OFDM 64 QAM	50@25	22.73	17.61	0.0577
71	15	20	134600	673.0	DFT-s-OFDM 64 QAM	1@1	22.34	17.22	0.0527
71	15	20	134600	673.0	DFT-s-OFDM 64 QAM	1@104	22.83	17.71	0.0590
71	15	20	134600	673.0	DFT-s-OFDM 256 QAM	50@25	20.39	15.27	0.0337
71	15	20	134600	673.0	DFT-s-OFDM 256 QAM	1@1	20.45	15.33	0.0341
71	15	20	134600	673.0	DFT-s-OFDM 256 QAM	1@104	20.46	15.34	0.0342
71	15	20	134600	673.0	CP-OFDM QPSK	53@26	23.41	18.29	0.0675
71	15	20	134600	673.0	CP-OFDM QPSK	1@1	22.76	17.64	0.0581
71	15	20	134600	673.0	CP-OFDM QPSK	1@104	22.99	17.87	0.0612
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.54	18.42	0.0695
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.98	18.86	0.0769
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.65	18.53	0.0713
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.48	18.36	0.0685
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.5	18.38	0.0689
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.36	18.24	0.0667
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	23.13	18.01	0.0632
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.06	17.94	0.0622
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.15	18.03	0.0635
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	22.79	17.67	0.0585
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	22.77	17.65	0.0582
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	22.73	17.61	0.0577
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	20.73	15.61	0.0364

71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	20.29	15.17	0.0329
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	20.55	15.43	0.0349
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	23.55	18.43	0.0697
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	23.35	18.23	0.0665
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	23.46	18.34	0.0682
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	50@25	23.43	18.31	0.0678
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	1@1	23.4	18.28	0.0673
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	1@104	23.2	18.08	0.0643
71	15	20	137600	688.0	DFT-s-OFDM QPSK	50@25	23.32	18.2	0.0661
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@1	23.5	18.38	0.0689
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@104	23.27	18.15	0.0653
71	15	20	137600	688.0	DFT-s-OFDM 16 QAM	50@25	22.9	17.78	0.0600
71	15	20	137600	688.0	DFT-s-OFDM 16 QAM	1@1	23.21	18.09	0.0644
71	15	20	137600	688.0	DFT-s-OFDM 16 QAM	1@104	23	17.88	0.0614
71	15	20	137600	688.0	DFT-s-OFDM 64 QAM	50@25	22.46	17.34	0.0542
71	15	20	137600	688.0	DFT-s-OFDM 64 QAM	1@1	22.76	17.64	0.0581
71	15	20	137600	688.0	DFT-s-OFDM 64 QAM	1@104	22.65	17.53	0.0566
71	15	20	137600	688.0	DFT-s-OFDM 256 QAM	50@25	20.64	15.52	0.0356
71	15	20	137600	688.0	DFT-s-OFDM 256 QAM	1@1	20.38	15.26	0.0336
71	15	20	137600	688.0	DFT-s-OFDM 256 QAM	1@104	20.51	15.39	0.0346
71	15	20	137600	688.0	CP-OFDM QPSK	53@26	23.39	18.27	0.0671
71	15	20	137600	688.0	CP-OFDM QPSK	1@1	23.47	18.35	0.0684
71	15	20	137600	688.0	CP-OFDM QPSK	1@104	23.25	18.13	0.0650

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0068	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0061	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0033	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0044	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0067	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0068	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0037	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0026	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	100@0	4.05	13	PASS
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1@0	3.34	13	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	4.84	13	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	3.52	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	3.97	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	3.69	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	4.91	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	3.9	13	PASS
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	100@0	4.02	13	PASS
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	1@0	3.51	13	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	4.77	13	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	4.02	13	PASS

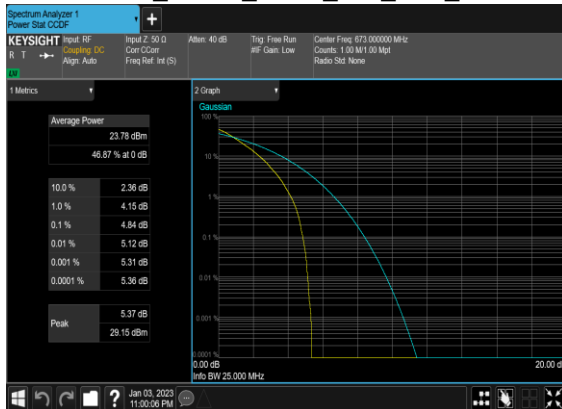
N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



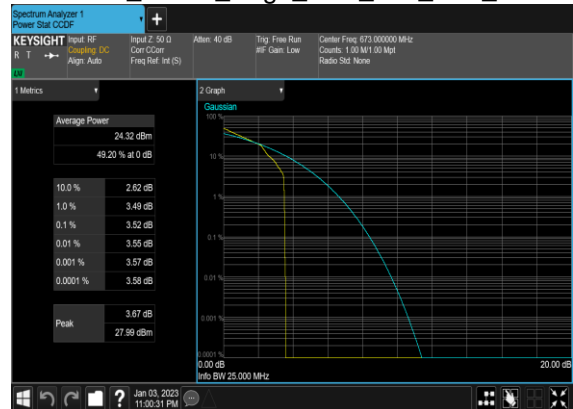
N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



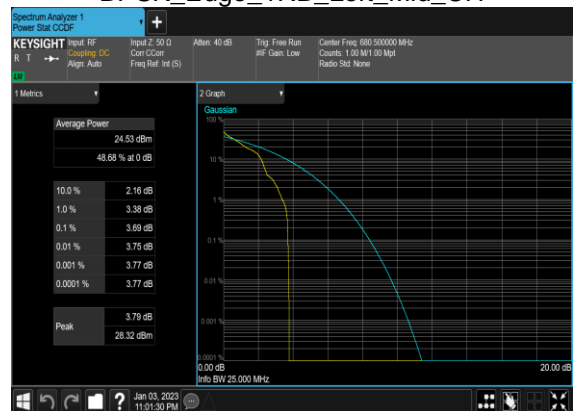
N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



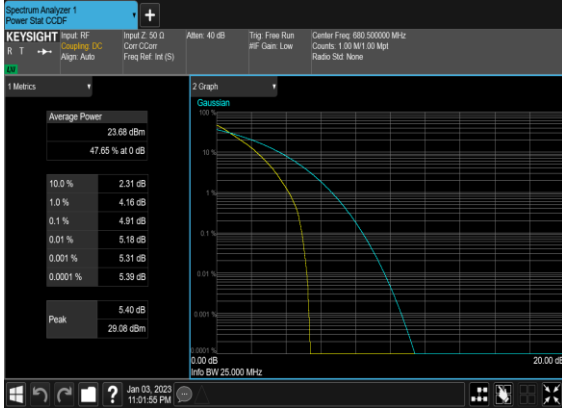
N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



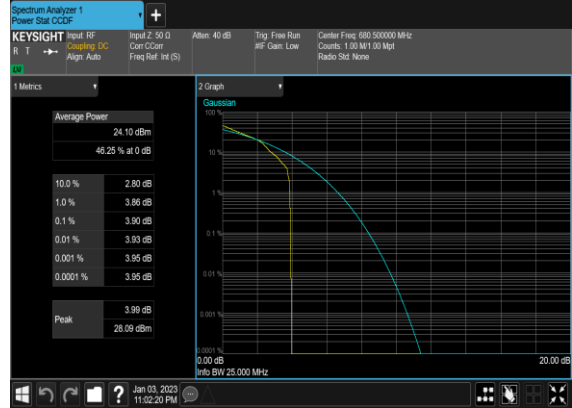
N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



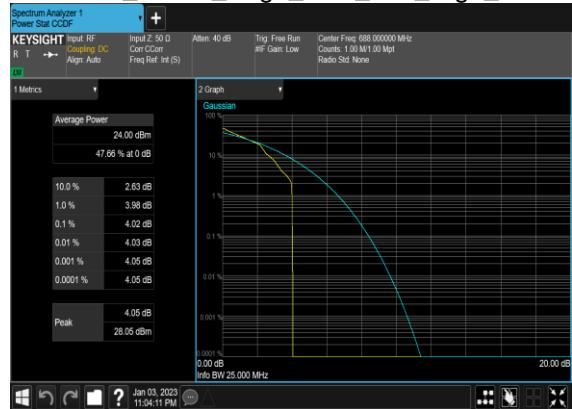
N71(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

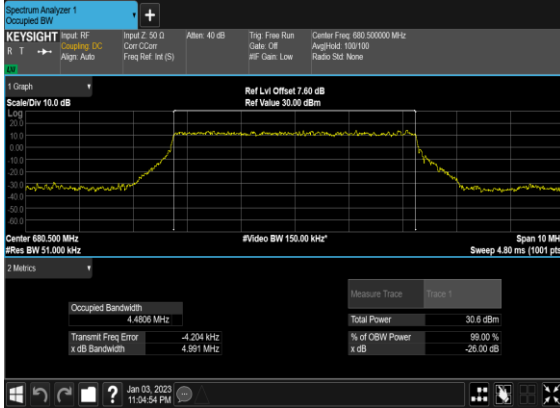




## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4806	4.991
71	15	5	136100	680.5	DFT-s-OFDM QPSK	25@0	4.4686	4.996
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4643	4.973
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4755	5.127
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.463	5.065
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.482	5.206
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8882	9.499
71	15	10	136100	680.5	DFT-s-OFDM QPSK	50@0	8.8972	9.597
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2712	10.01
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2809	9.969
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2803	9.918
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2716	9.969
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	75@0	13.349	14.3
71	15	15	136100	680.5	DFT-s-OFDM QPSK	75@0	13.351	14.33
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.056	14.92
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.077	14.84
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.099	14.84
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.055	14.87
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	17.88	18.85
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.836	18.62
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.876	19.86
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.892	19.85
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.865	19.68
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.911	19.86

N71(5M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



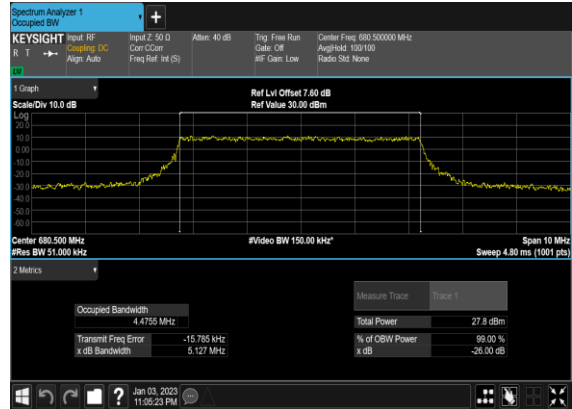
N71(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



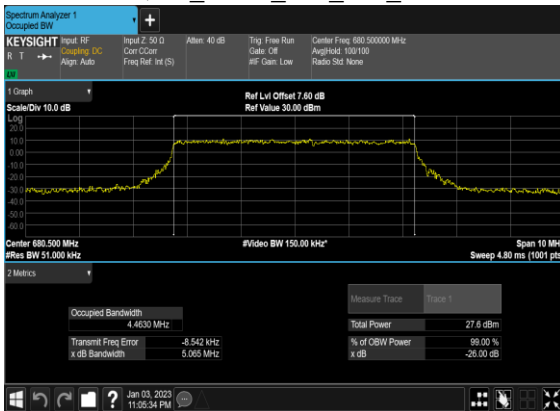
N71(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



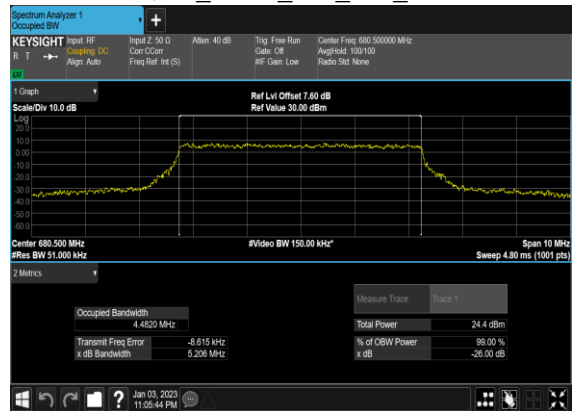
N71(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



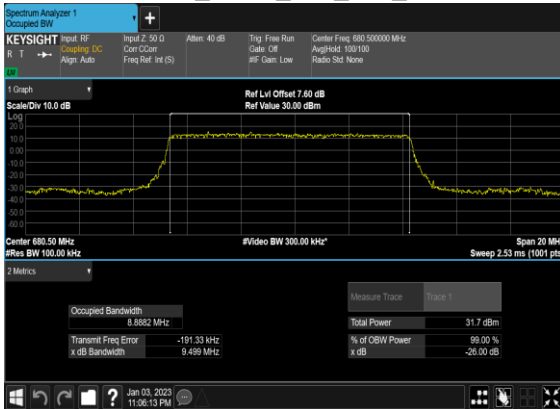
N71(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



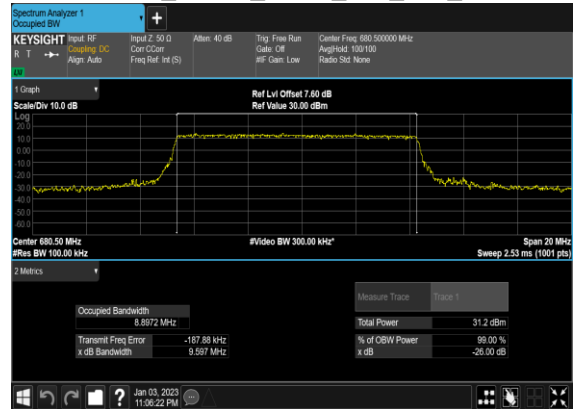
N71(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



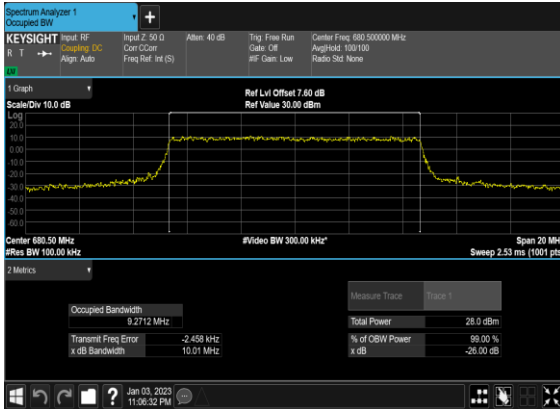
N71(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



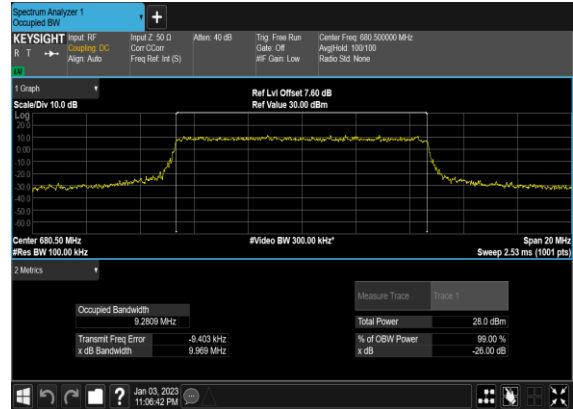
N71(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



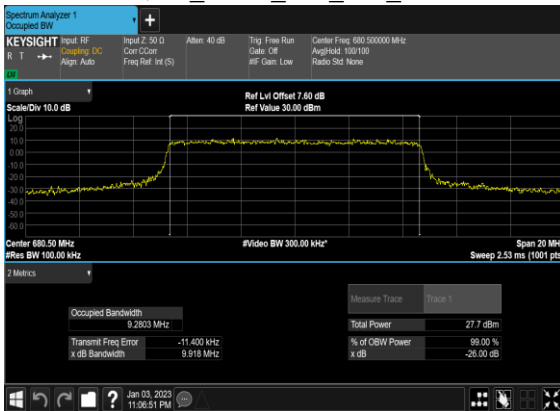
N71(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



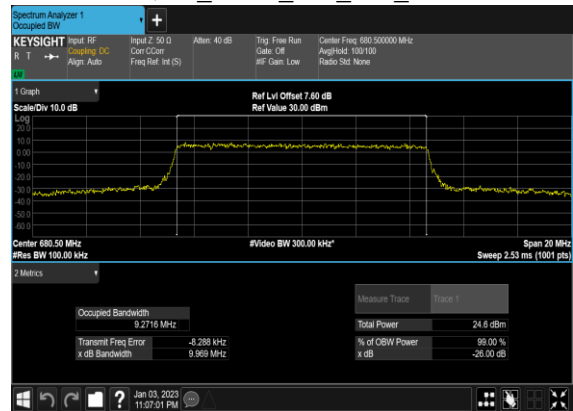
N71(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



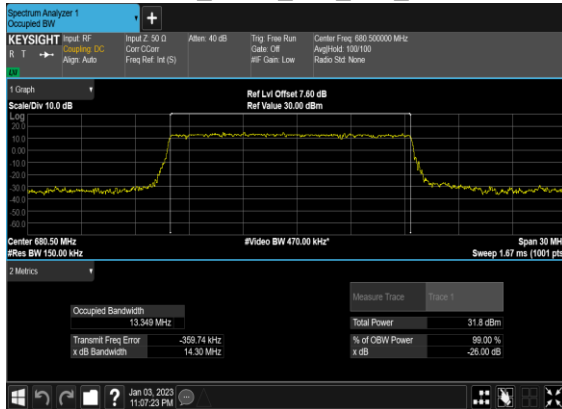
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QAM\_Outer\_Full\_Mid\_CH



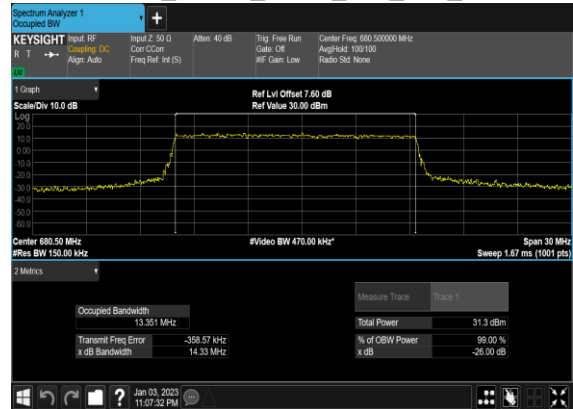
N71(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



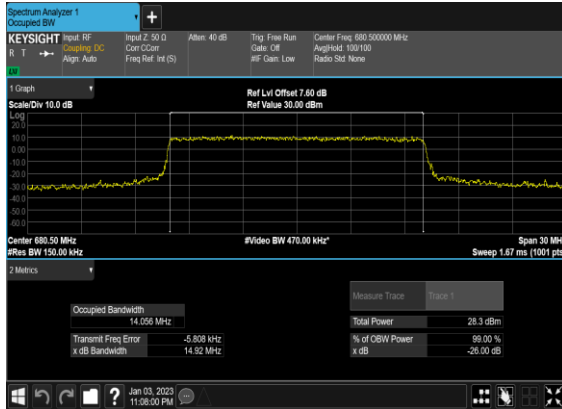
N71(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



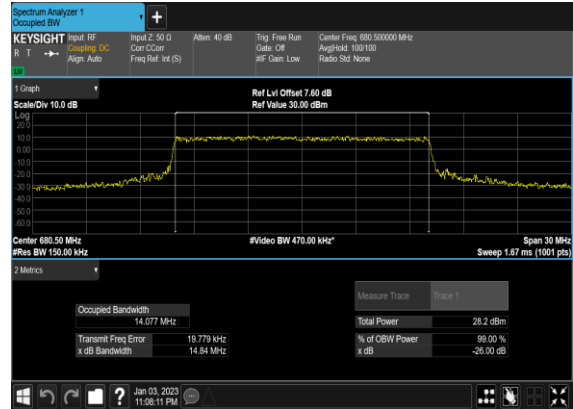
N71(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



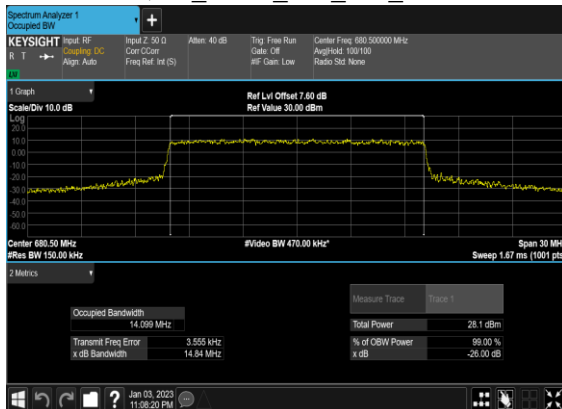
N71(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



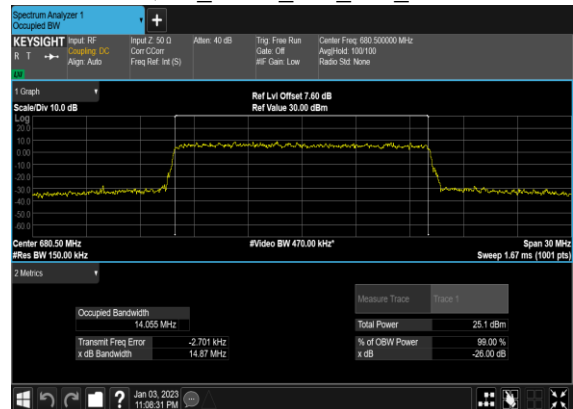
N71(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



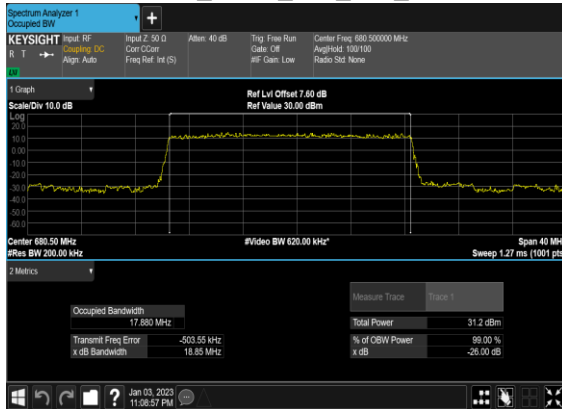
N71(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



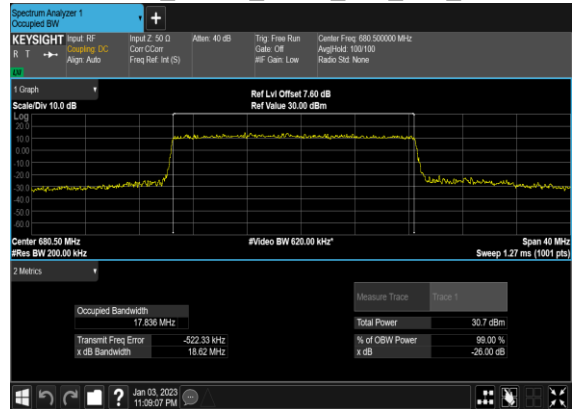
N71(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



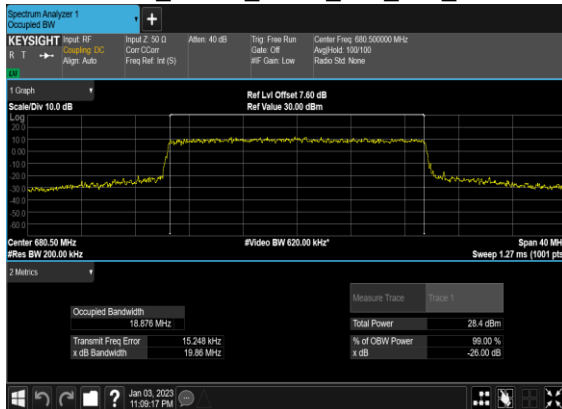
### N71(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



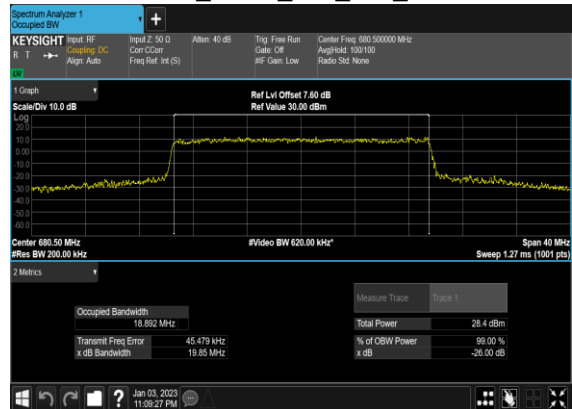
### N71(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



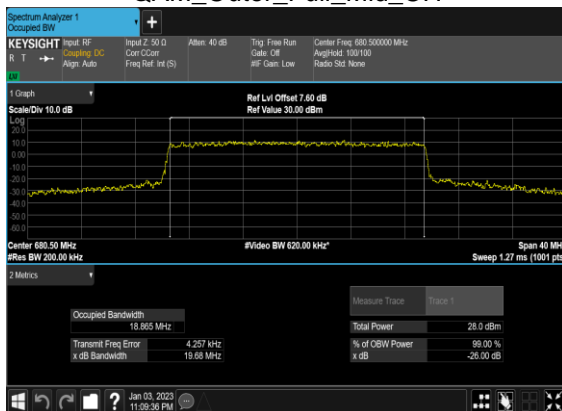
### N71(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



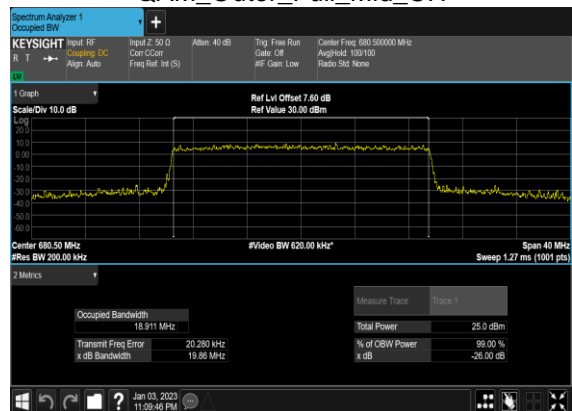
### N71(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N71(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N71(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>

71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

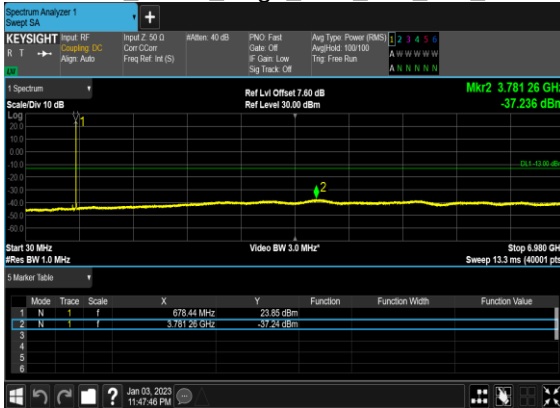
### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



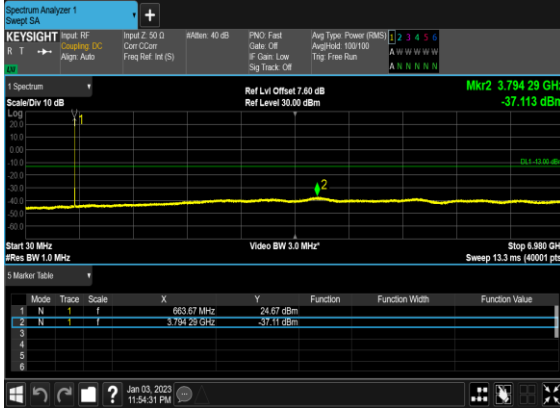
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



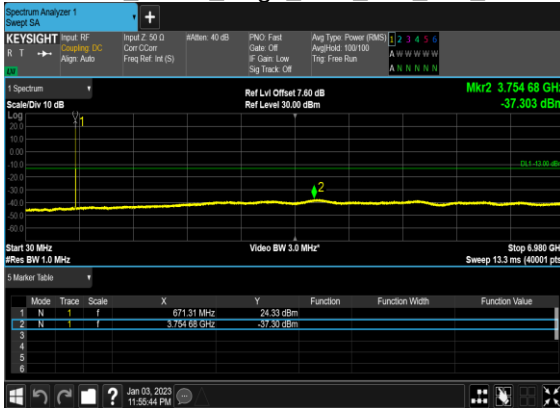
### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



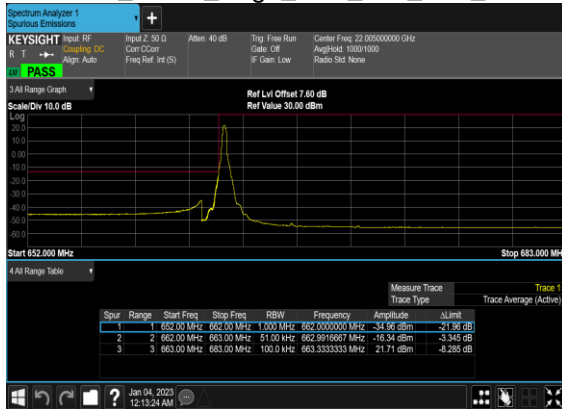
### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



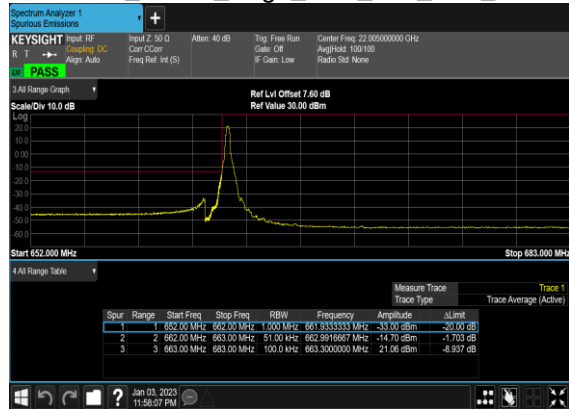
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

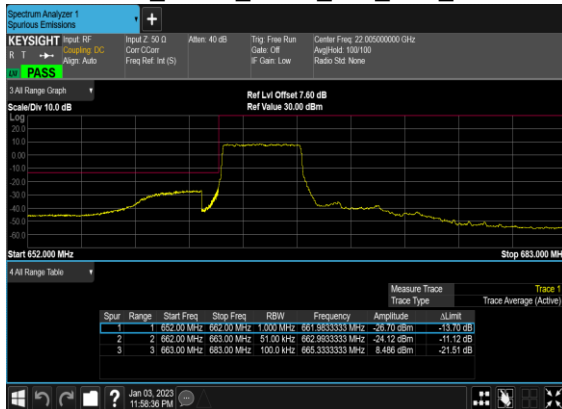
### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



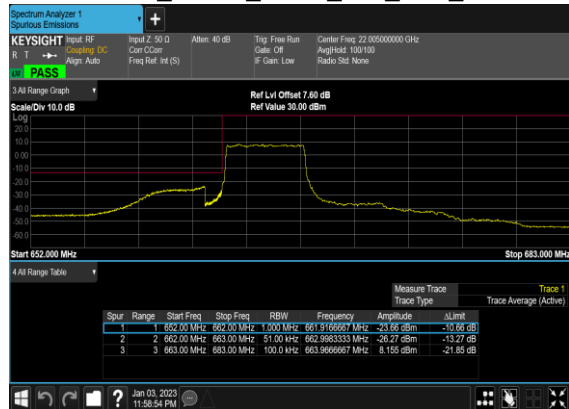
### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



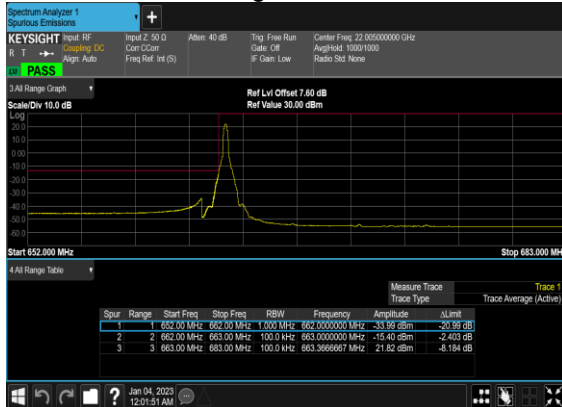
### N71(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



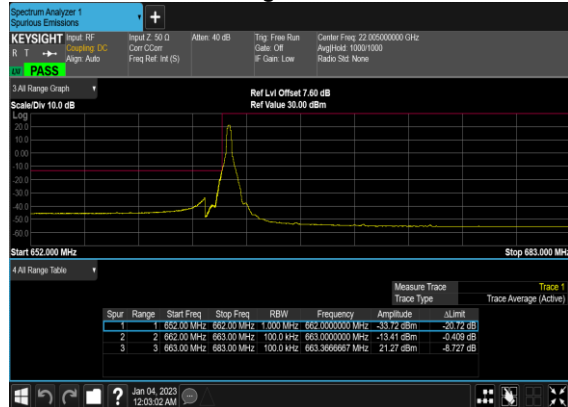
### N71(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



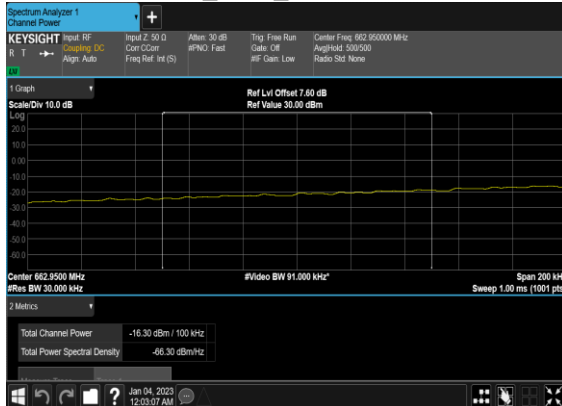
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



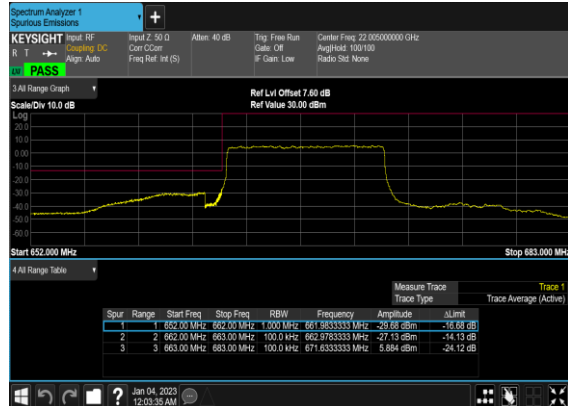
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



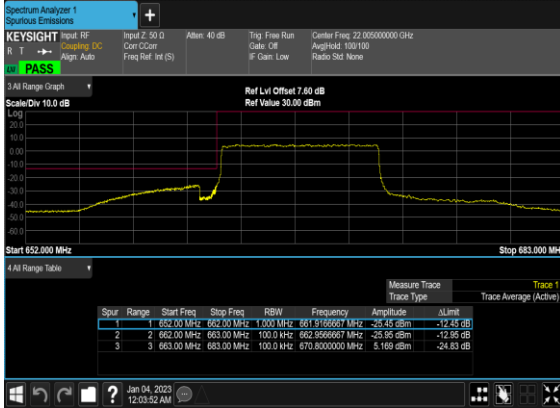
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH CHP\_PASS



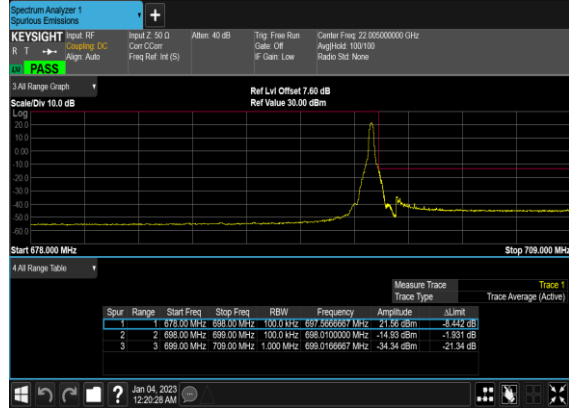
### N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N71(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



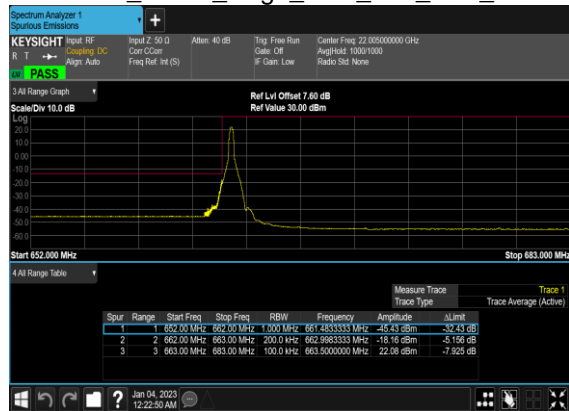
N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



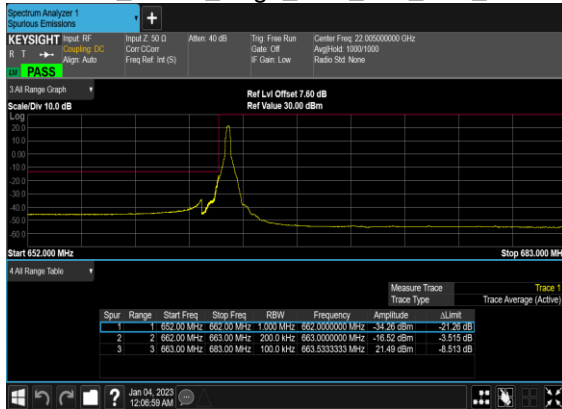
N71(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



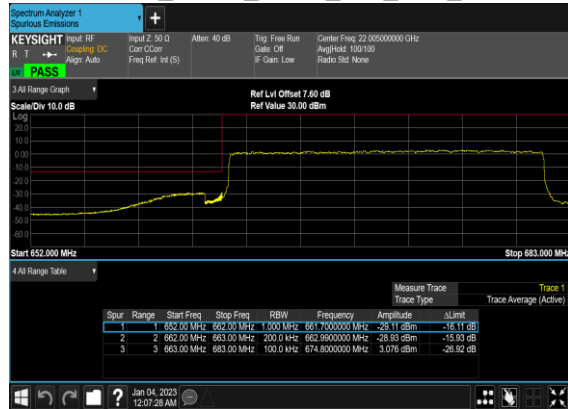
N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



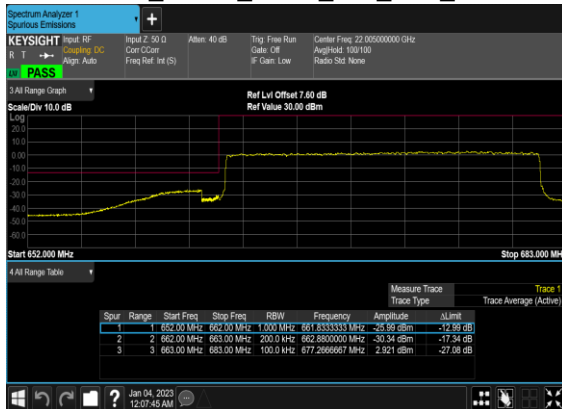
### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



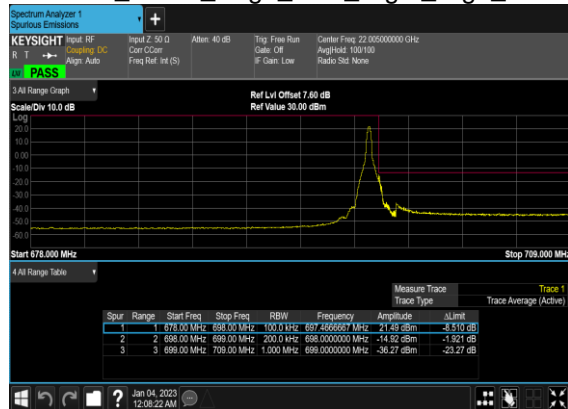
### N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



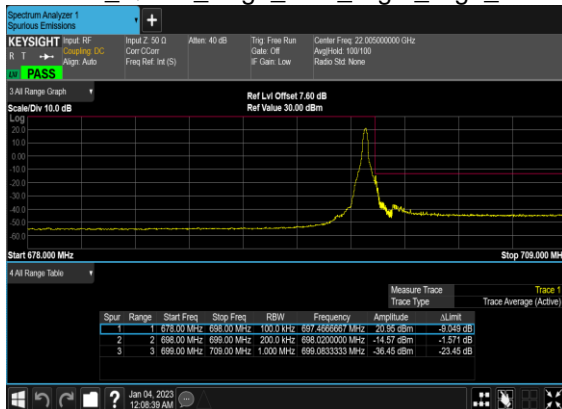
### N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



# N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH







# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

5G NR n2 SA / NR 20MHz / QPSK / ANT0									
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)
Lowest	3701.5	-55.36	-13	-42.36	-78.54	-62.12	5.82	12.58	H
	5552.25	-47.09	-13	-34.09	-71.84	-52.81	7.28	13.00	H
	7403	-54.04	-13	-41.04	-81.42	-57.20	8.32	11.48	H
	3701.5	-52.82	-13	-39.82	-77.69	-59.58	5.82	12.58	V
	5552.25	-55.05	-13	-42.05	-80.23	-60.77	7.28	13.00	V
	7403	-54.10	-13	-41.10	-81.45	-57.26	8.32	11.48	V
Middle	3741.5	-57.10	-13	-44.10	-80.14	-63.85	5.85	12.60	H
	5612.25	-56.21	-13	-43.21	-80.79	-62.01	7.30	13.10	H
	7483	-54.05	-13	-41.05	-81.13	-57.20	8.35	11.50	H
	3741.5	-54.25	-13	-41.25	-79.3	-61.00	5.85	12.60	V
	5612.25	-55.29	-13	-42.29	-80.72	-61.09	7.30	13.10	V
	7483	-54.75	-13	-41.75	-81.81	-57.90	8.35	11.50	V
Highest	3781.5	-56.85	-13	-43.85	-80.21	-63.59	5.88	12.62	H
	5672.25	-54.38	-13	-41.38	-78.96	-60.19	7.32	13.13	H
	7563	-54.89	-13	-41.89	-81.65	-58.05	8.38	11.54	H
	3781.5	-54.32	-13	-41.32	-79.17	-61.06	5.88	12.62	V
	5672.25	-53.57	-13	-40.57	-78.44	-59.38	7.32	13.13	V
	7563	-54.45	-13	-41.45	-81.2	-57.61	8.38	11.54	V

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



EN-DC_30A_n2A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT2(NR)									
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 n2 Lowest	3701.5	-57.36	-13	-44.36	-61.10	-64.12	5.82	12.58	H
	5552.25	-58.50	-13	-45.50	-63.90	-64.22	7.28	13.00	H
	7403	-45.43	-13	-32.43	-54.35	-48.59	8.32	11.48	H
	3701.5	-56.48	-13	-43.48	-61.91	-63.24	5.82	12.58	V
	5552.25	-54.34	-13	-41.34	-60.17	-60.06	7.28	13.00	V
	7403	-42.41	-13	-29.41	-51.3	-45.57	8.32	11.48	V
LTE Band30 Lowest	4620.00	-59.27	-40	-19.27	-64.20	-65.52	6.45	12.70	H
	6930.00	-58.08	-40	-18.08	-65.63	-61.48	8.40	11.80	H
	9240.00	-58.22	-40	-18.22	-67.79	-60.57	9.65	12.00	H
	4620.00	-58.95	-40	-18.95	-64.04	-65.20	6.45	12.70	V
	6930.00	-56.71	-40	-16.71	-65.18	-60.11	8.40	11.80	V
	9240.00	-56.15	-40	-16.15	-67.87	-58.50	9.65	12.00	V
NR n2 Middle	3741.5	-59.45	-13	-46.45	-63.09	-66.20	5.85	12.60	H
	5612.25	-60.12	-13	-47.12	-65.38	-65.92	7.30	13.10	H
	7483	-57.57	-13	-44.57	-66.23	-60.72	8.35	11.50	H
	3741.5	-57.04	-13	-44.04	-62.69	-63.79	5.85	12.60	V
	5612.25	-59.49	-13	-46.49	-65.6	-65.29	7.30	13.10	V
	7483	-57.72	-13	-44.72	-66.36	-60.87	8.35	11.50	V
LTE Band30 Middle	4620.00	-59.41	-40	-19.41	-64.34	-65.66	6.45	12.70	H
	6930.00	-58.10	-40	-18.10	-65.65	-61.50	8.40	11.80	H
	9240.00	-58.44	-40	-18.44	-68.01	-60.79	9.65	12.00	H
	4620.00	-58.78	-40	-18.78	-63.87	-65.03	6.45	12.70	V
	6930.00	-57.21	-40	-17.21	-65.68	-60.61	8.40	11.80	V
	9240.00	-55.65	-40	-15.65	-67.37	-58.00	9.65	12.00	V
NR n2 Highest	3781.5	-58.38	-13	-45.38	-62.37	-65.12	5.88	12.62	H
	5672.25	-59.81	-13	-46.81	-65.10	-65.62	7.32	13.13	H
	7563	-50.81	-13	-37.81	-59.18	-53.97	8.38	11.54	H
	3781.5	-57.57	-13	-44.57	-63.05	-64.31	5.88	12.62	V
	5672.25	-59.77	-13	-46.77	-65.35	-65.58	7.32	13.13	V
	7563	-57.49	-13	-44.49	-65.85	-60.65	8.38	11.54	V
LTE Band30 Highest	4620.00	-59.13	-40	-19.13	-64.06	-65.38	6.45	12.70	H
	6930.00	-58.23	-40	-18.23	-65.78	-61.63	8.40	11.80	H
	9240.00	-58.22	-40	-18.22	-67.79	-60.57	9.65	12.00	H
	4620.00	-58.40	-40	-18.40	-63.49	-64.65	6.45	12.70	V
	6930.00	-57.38	-40	-17.38	-65.85	-60.78	8.40	11.80	V
	9240.00	-56.00	-40	-16.00	-67.72	-58.35	9.65	12.00	V

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



5G NR n5 SA / NR 20MHz / QPSK / ANT0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650	-65.69	-13	-52.69	-77.78	-68.92	3.98	9.36	H
	2475	-60.58	-13	-47.58	-79.83	-64.13	4.85	10.55	H
	3300	-59.44	-13	-46.44	-80.49	-64.37	5.50	12.58	H
	1650	-64.97	-13	-51.97	-77.70	-68.20	3.98	9.36	V
	2475	-60.13	-13	-47.13	-79.70	-63.68	4.85	10.55	V
	3300	-58.19	-13	-45.19	-80.13	-63.12	5.50	12.58	V
Middle	1654.5	-65.53	-13	-52.53	-77.66	-68.78	4.00	9.40	H
	2481.75	-60.49	-13	-47.49	-79.74	-64.06	4.88	10.60	H
	3309	-59.39	-13	-46.39	-80.54	-64.32	5.52	12.60	H
	1654.5	-64.64	-13	-51.64	-77.41	-67.89	4.00	9.40	V
	2481.75	-60.22	-13	-47.22	-79.79	-63.79	4.88	10.60	V
	3309	-58.33	-13	-45.33	-80.18	-63.26	5.52	12.60	V
Highest	1660	-65.45	-13	-52.45	-77.65	-68.62	4.10	9.42	H
	2490	-60.25	-13	-47.25	-79.63	-63.83	4.90	10.63	H
	3320	-59.68	-13	-46.68	-80.83	-64.60	5.55	12.62	H
	1660	-64.65	-13	-51.65	-77.52	-67.82	4.10	9.42	V
	2490	-60.09	-13	-47.09	-79.73	-63.67	4.90	10.63	V
	3320	-59.09	-13	-46.09	-80.94	-64.01	5.55	12.62	V

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



EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT0(NR)									
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 n5 Lowest	1650	-69.52	-13	-56.52	-62.50	-72.75	3.98	9.36	H
	2475	-64.03	-13	-51.03	-63.57	-67.58	4.85	10.55	H
	3300	-62.86	-13	-49.86	-64.27	-67.79	5.50	12.58	H
	1650	-69.08	-13	-56.08	-62.70	-72.31	3.98	9.36	V
	2475	-64.00	-13	-51.00	-63.86	-67.55	4.85	10.55	V
	3300	-62.11	-13	-49.11	-64.41	-67.04	5.50	12.58	V
LTE Band48 Lowest	7250.00	-57.57	-40	-17.57	-66.28	-60.87	8.30	11.60	H
	10875.00	-53.28	-40	-13.28	-67.14	-54.80	10.48	12.00	H
	14500.00	-53.29	-40	-13.29	-69.56	-54.99	11.80	13.50	H
	7250.00	-55.59	-40	-15.59	-65.84	-58.89	8.30	11.60	V
	10875.00	-52.32	-40	-12.32	-67.83	-53.84	10.48	12.00	V
	14500.00	-53.69	-40	-13.69	-69.57	-55.39	11.80	13.50	V
NR n5 Middle	1654.5	-69.70	-13	-56.70	-62.68	-72.95	4.00	9.40	H
	2481.75	-52.99	-13	-39.99	-52.53	-56.56	4.88	10.60	H
	3309	-62.73	-13	-49.73	-64.24	-67.66	5.52	12.60	H
	1654.5	-68.93	-13	-55.93	-62.55	-72.18	4.00	9.40	V
	2481.75	-63.92	-13	-50.92	-63.78	-67.49	4.88	10.60	V
	3309	-62.03	-13	-49.03	-64.24	-66.96	5.52	12.60	V
LTE Band48 Middle	7250.00	-57.11	-40	-17.11	-65.82	-60.41	8.30	11.60	H
	10875.00	-53.59	-40	-13.59	-67.45	-55.11	10.48	12.00	H
	14500.00	-53.23	-40	-13.23	-69.50	-54.93	11.80	13.50	H
	7250.00	-55.54	-40	-15.54	-65.79	-58.84	8.30	11.60	V
	10875.00	-52.49	-40	-12.49	-68	-54.01	10.48	12.00	V
	14500.00	-53.70	-40	-13.70	-69.58	-55.40	11.80	13.50	V
NR n5 Highest	1660	-69.61	-13	-56.61	-62.66	-72.78	4.10	9.42	H
	2490	-64.06	-13	-51.06	-63.73	-67.64	4.90	10.63	H
	3320	-62.95	-13	-49.95	-64.46	-67.87	5.55	12.62	H
	1660	-68.90	-13	-55.90	-62.62	-72.07	4.10	9.42	V
	2490	-63.82	-13	-50.82	-63.75	-67.40	4.90	10.63	V
	3320	-62.44	-13	-49.44	-64.65	-67.36	5.55	12.62	V
LTE Band48 Highest	7250.00	-57.37	-40	-17.37	-66.08	-60.67	8.30	11.60	H
	10875.00	-53.84	-40	-13.84	-67.70	-55.36	10.48	12.00	H
	14500.00	-52.64	-40	-12.64	-68.91	-54.34	11.80	13.50	H
	7250.00	-55.36	-40	-15.36	-65.61	-58.66	8.30	11.60	V
	10875.00	-52.19	-40	-12.19	-67.7	-53.71	10.48	12.00	V
	14500.00	-53.59	-40	-13.59	-69.47	-55.29	11.80	13.50	V

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



5G NR n12 SA / NR 15MHz / QPSK / ANT0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1413	-66.00	-13	-53.00	-77.26	-69.23	3.98	9.36	H
	2119.5	-61.33	-13	-48.33	-79.56	-64.88	4.85	10.55	H
	2826	-60.78	-13	-47.78	-80.21	-65.71	5.50	12.58	H
	1413	-65.14	-13	-52.14	-77.46	-68.37	3.98	9.36	V
	2119.5	-61.34	-13	-48.34	-79.34	-64.89	4.85	10.55	V
	2826	-59.52	-13	-46.52	-79.76	-64.45	5.50	12.58	V
Middle	1415	-66.03	-13	-53.03	-77.29	-69.28	4.00	9.40	H
	2122.5	-61.27	-13	-48.27	-79.50	-64.84	4.88	10.60	H
	2830	-60.65	-13	-47.65	-80.13	-65.58	5.52	12.60	H
	1415	-65.20	-13	-52.20	-77.52	-68.45	4.00	9.40	V
	2122.5	-61.58	-13	-48.58	-79.58	-65.15	4.88	10.60	V
	2830	-59.57	-13	-46.57	-79.92	-64.50	5.52	12.60	V
Highest	1417	-65.96	-13	-52.96	-77.23	-69.13	4.10	9.42	H
	2125.5	-61.44	-13	-48.44	-79.67	-65.02	4.90	10.63	H
	2834	-60.79	-13	-47.79	-80.27	-65.71	5.55	12.62	H
	1417	-65.23	-13	-52.23	-77.50	-68.40	4.10	9.42	V
	2125.5	-61.73	-13	-48.73	-79.73	-65.31	4.90	10.63	V
	2834	-59.63	-13	-46.63	-79.98	-64.55	5.55	12.62	V

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



EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / QPSK / ANT3(LTE) & ANT0(NR)									
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 n12 Lowest	1413	-66.78	-13	-53.78	-78.04	-70.01	3.98	9.36	H
	2119.5	-61.82	-13	-48.82	-80.05	-65.37	4.85	10.55	H
	2826	-61.25	-13	-48.25	-80.68	-66.18	5.50	12.58	H
	1413	-65.66	-13	-52.66	-77.98	-68.89	3.98	9.36	V
	2119.5	-62.27	-13	-49.27	-80.27	-65.82	4.85	10.55	V
	2826	-60.26	-13	-47.26	-80.50	-65.19	5.50	12.58	V
LTE Band2 Lowest	3760	-57.75	-13	-44.75	-80.24	-64.50	5.85	12.60	H
	5640	-52.58	-13	-39.58	-76.98	-58.38	7.30	13.10	H
	7520	-54.84	-13	-41.84	-81.72	-57.99	8.35	11.50	H
	3760	-55.37	-13	-42.37	-81.02	-62.12	5.85	12.60	V
	5640	-54.46	-13	-41.46	-79.01	-60.26	7.30	13.10	V
	7520	-54.53	-13	-41.53	-81.39	-57.68	8.35	11.50	V
NR n12 Middle	1415	-66.74	-13	-53.74	-78.00	-69.99	4.00	9.40	H
	2122.5	-61.67	-13	-48.67	-79.90	-65.24	4.88	10.60	H
	2830	-61.18	-13	-48.18	-80.66	-66.11	5.52	12.60	H
	1415	-65.73	-13	-52.73	-78.05	-68.98	4.00	9.40	V
	2122.5	-62.26	-13	-49.26	-80.26	-65.83	4.88	10.60	V
	2830	-60.25	-13	-47.25	-80.60	-65.18	5.52	12.60	V
LTE Band2 Middle	3760	-57.83	-13	-44.83	-80.32	-64.58	5.85	12.60	H
	5640	-57.07	-13	-44.07	-81.47	-62.87	7.30	13.10	H
	7520	-54.36	-13	-41.36	-81.24	-57.51	8.35	11.50	H
	3760	-55.00	-13	-42.00	-80.65	-61.75	5.85	12.60	V
	5640	-56.52	-13	-43.52	-81.07	-62.32	7.30	13.10	V
	7520	-54.21	-13	-41.21	-81.07	-57.36	8.35	11.50	V
NR n12 Highest	1417	-66.78	-13	-53.78	-78.05	-69.95	4.10	9.42	H
	2125.5	-61.69	-13	-48.69	-79.92	-65.27	4.90	10.63	H
	2834	-61.28	-13	-48.28	-80.76	-66.20	5.55	12.62	H
	1417	-65.75	-13	-52.75	-78.02	-68.92	4.10	9.42	V
	2125.5	-62.22	-13	-49.22	-80.22	-65.80	4.90	10.63	V
	2834	-60.45	-13	-47.45	-80.80	-65.37	5.55	12.62	V
LTE Band2 Highest	3760	-57.81	-13	-44.81	-80.30	-64.56	5.85	12.60	H
	5640	-57.18	-13	-44.18	-81.58	-62.98	7.30	13.10	H
	7520	-54.96	-13	-41.96	-81.84	-58.11	8.35	11.50	H
	3760	-54.85	-13	-41.85	-80.5	-61.60	5.85	12.60	V
	5640	-57.31	-13	-44.31	-81.86	-63.11	7.30	13.10	V
	7520	-54.67	-13	-41.67	-81.53	-57.82	8.35	11.50	V

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



5G NR n13 SA / NR 10MHz / QPSK / ANT1									
Channel	Frequency ( MHz )	ERP ( 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	1564	-66.73	-42.15	-24.58	-78.51	-69.98	4.00	9.40	H
	2346	-61.88	-13	-48.88	-80.49	-65.45	4.88	10.60	H
	3128	-60.51	-13	-47.51	-80.83	-65.44	5.52	12.60	H
	1564	-66.30	-42.15	-24.15	-78.70	-69.55	4.00	9.40	V
	2346	-61.30	-13	-48.30	-80.28	-64.87	4.88	10.60	V
	3128	-58.62	-13	-45.62	-80.74	-63.55	5.52	12.60	V

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

5G NR n25 SA / NR 40MHz / QPSK / ANT2									
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)
Lowest	3700	-56.15	-13	-43.15	-79.33	-62.91	5.82	12.58	H
	5550	-55.80	-13	-42.80	-80.57	-61.52	7.28	13.00	H
	7400	-54.34	-13	-41.34	-81.77	-57.50	8.32	11.48	H
	3700	-55.03	-13	-42.03	-79.9	-61.79	5.82	12.58	V
	5550	-55.25	-13	-42.25	-80.45	-60.97	7.28	13.00	V
	7400	-54.28	-13	-41.28	-81.68	-57.44	8.32	11.48	V
Middle	3726	-57.36	-13	-44.36	-79.97	-64.11	5.85	12.60	H
	5589	-47.48	-13	-34.48	-72.13	-53.28	7.30	13.10	H
	7452	-54.79	-13	-41.79	-81.95	-57.94	8.35	11.50	H
	3726	-52.48	-13	-39.48	-77.94	-59.23	5.85	12.60	V
	5589	-44.39	-13	-31.39	-69.74	-50.19	7.30	13.10	V
	7452	-54.92	-13	-41.92	-82.06	-58.07	8.35	11.50	V
Highest	3750	-57.62	-13	-44.62	-80.11	-64.36	5.88	12.62	H
	5625	-52.95	-13	-39.95	-77.45	-58.76	7.32	13.13	H
	7500	-54.70	-13	-41.70	-81.70	-57.86	8.38	11.54	H
	3750	-55.35	-13	-42.35	-81	-62.09	5.88	12.62	V
	5625	-49.97	-13	-36.97	-74.97	-55.78	7.32	13.13	V
	7500	-55.00	-13	-42.00	-81.99	-58.16	8.38	11.54	V

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



EN-DC_7A_n25A / LTE 10MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT2(NR)									
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 n25 Lowest	3700	-56.81	-13	-43.81	-79.99	-63.57	5.82	12.58	H
	5550	-57.43	-13	-44.43	-82.20	-63.15	7.28	13.00	H
	7400	-52.60	-13	-39.60	-80.03	-55.76	8.32	11.48	H
	3700	-54.64	-13	-41.64	-79.51	-61.40	5.82	12.58	V
	5550	-56.44	-13	-43.44	-81.64	-62.16	7.28	13.00	V
	7400	-45.99	-13	-32.99	-73.39	-49.15	8.32	11.48	V
LTE Band7 Lowest	5061.18	-58.36	-25	-33.36	-82.43	-63.92	7.14	12.70	H
	7591.77	-55.17	-25	-30.17	-81.80	-58.47	8.30	11.60	H
	10122.36	-51.44	-25	-26.44	-82.40	-52.96	10.48	12.00	H
	5061.18	-56.94	-25	-31.94	-82.22	-62.50	7.14	12.70	V
	7591.77	-55.06	-25	-30.06	-81.69	-58.36	8.30	11.60	V
	10122.36	-50.90	-25	-25.90	-82.91	-52.42	10.48	12.00	V
NR n25 Middle	3726	-56.41	-13	-43.41	-79.02	-63.16	5.85	12.60	H
	5589	-56.50	-13	-43.50	-81.15	-62.30	7.30	13.10	H
	7452	-53.31	-13	-40.31	-80.47	-56.46	8.35	11.50	H
	3726	-53.99	-13	-40.99	-79.45	-60.74	5.85	12.60	V
	5589	-55.72	-13	-42.72	-81.07	-61.52	7.30	13.10	V
	7452	-54.12	-13	-41.12	-81.26	-57.27	8.35	11.50	V
LTE Band7 Middle	5061.18	-57.70	-25	-32.70	-81.77	-63.26	7.14	12.70	H
	7591.77	-51.52	-25	-26.52	-78.15	-54.82	8.30	11.60	H
	10122.36	-51.19	-25	-26.19	-82.15	-52.71	10.48	12.00	H
	5061.18	-56.12	-25	-31.12	-81.4	-61.68	7.14	12.70	V
	7591.77	-53.80	-25	-28.80	-80.43	-57.10	8.30	11.60	V
	10122.36	-50.29	-25	-25.29	-82.3	-51.81	10.48	12.00	V
NR n25 Highest	3750	-57.54	-13	-44.54	-80.03	-64.28	5.88	12.62	H
	5625	-57.42	-13	-44.42	-81.92	-63.23	7.32	13.13	H
	7500	-54.57	-13	-41.57	-81.57	-57.73	8.38	11.54	H
	3750	-55.12	-13	-42.12	-80.77	-61.86	5.88	12.62	V
	5625	-56.97	-13	-43.97	-81.97	-62.78	7.32	13.13	V
	7500	-49.26	-13	-36.26	-76.25	-52.42	8.38	11.54	V
LTE Band7 Highest	5061.18	-58.48	-25	-33.48	-82.55	-64.04	7.14	12.70	H
	7591.77	-55.26	-25	-30.26	-81.89	-58.56	8.30	11.60	H
	10122.36	-51.83	-25	-26.83	-82.79	-53.35	10.48	12.00	H
	5061.18	-56.91	-25	-31.91	-82.19	-62.47	7.14	12.70	V
	7591.77	-54.58	-25	-29.58	-81.21	-57.88	8.30	11.60	V
	10122.36	-50.70	-25	-25.70	-82.71	-52.22	10.48	12.00	V

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





5G NR n26 SA / NR 20MHz / QPSK / ANT1									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1663	-65.91	-13	-52.91	-78.11	-69.14	3.98	9.36	H
	2494.5	-60.69	-13	-47.69	-80.06	-64.24	4.85	10.55	H
	3326	-59.84	-13	-46.84	-81.09	-64.77	5.50	12.58	H
	1663	-64.98	-13	-51.98	-77.85	-68.21	3.98	9.36	V
	2494.5	-60.44	-13	-47.44	-80.07	-63.99	4.85	10.55	V
	3326	-59.32	-13	-46.32	-81.07	-64.25	5.50	12.58	V
Middle	1663	-65.80	-13	-52.80	-78.00	-69.05	4.00	9.40	H
	2494.5	-61.05	-13	-48.05	-80.42	-64.62	4.88	10.60	H
	3326	-60.10	-13	-47.10	-81.35	-65.03	5.52	12.60	H
	1663	-65.35	-13	-52.35	-78.22	-68.60	4.00	9.40	V
	2494.5	-60.57	-13	-47.57	-80.20	-64.14	4.88	10.60	V
	3326	-59.09	-13	-46.09	-80.84	-64.02	5.52	12.60	V
Highest	1663	-65.79	-13	-52.79	-77.99	-68.96	4.10	9.42	H
	2494.5	-60.87	-13	-47.87	-80.24	-64.45	4.90	10.63	H
	3326	-59.94	-13	-46.94	-81.19	-64.86	5.55	12.62	H
	1663	-65.12	-13	-52.12	-77.99	-68.29	4.10	9.42	V
	2494.5	-60.66	-13	-47.66	-80.29	-64.24	4.90	10.63	V
	3326	-59.44	-13	-46.44	-81.19	-64.36	5.55	12.62	V

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



5G NR n71 SA / NR 20MHz / QPSK / ANTO									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1327	-65.97	-13	-52.97	-76.99	-69.20	3.98	9.36	H
	1990.5	-61.77	-13	-48.77	-79.15	-65.32	4.85	10.55	H
	2654	-59.98	-13	-46.98	-79.68	-64.91	5.50	12.58	H
	1327	-65.27	-13	-52.27	-77.22	-68.50	3.98	9.36	V
	1990.5	-61.78	-13	-48.78	-79.11	-65.33	4.85	10.55	V
	2654	-59.86	-13	-46.86	-79.94	-64.79	5.50	12.58	V
Middle	1342	-65.95	-13	-52.95	-76.96	-69.20	4.00	9.40	H
	2013	-61.16	-13	-48.16	-78.87	-64.73	4.88	10.60	H
	2684	-59.53	-13	-46.53	-79.16	-64.46	5.52	12.60	H
	1342	-64.99	-13	-51.99	-76.95	-68.24	4.00	9.40	V
	2013	-61.36	-13	-48.36	-78.96	-64.93	4.88	10.60	V
	2684	-59.34	-13	-46.34	-79.43	-64.27	5.52	12.60	V
Highest	1357	-65.98	-13	-52.98	-77.08	-69.15	4.10	9.42	H
	2035.5	-61.26	-13	-48.26	-79.06	-64.84	4.90	10.63	H
	2714	-59.99	-13	-46.99	-79.55	-64.91	5.55	12.62	H
	1357	-64.87	-13	-51.87	-76.95	-68.04	4.10	9.42	V
	2035.5	-61.16	-13	-48.16	-78.83	-64.74	4.90	10.63	V
	2714	-59.37	-13	-46.37	-79.48	-64.29	5.55	12.62	V

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



EN-DC_48A_n71A / LTE 10MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT0(NR)									
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 n71 Lowest	1327	-71.15	-13	-58.15	-63.91	-74.38	3.98	9.36	H
	1990.5	-68.98	-13	-55.98	-66.66	-72.53	4.85	10.55	H
	2654	-65.94	-13	-52.94	-65.94	-70.87	5.50	12.58	H
	1327	-70.21	-13	-57.21	-63.90	-73.44	3.98	9.36	V
	1990.5	-69.03	-13	-56.03	-66.66	-72.58	4.85	10.55	V
	2654	-65.56	-13	-52.56	-65.94	-70.49	5.50	12.58	V
LTE Band48 Lowest	7250.00	-57.43	-40	-17.43	-66.14	-60.73	8.30	11.60	H
	10875.00	-55.31	-40	-15.31	-69.17	-56.83	10.48	12.00	H
	14500.00	-53.88	-40	-13.88	-70.15	-55.58	11.80	13.50	H
	7250.00	-56.06	-40	-16.06	-66.31	-59.36	8.30	11.60	V
	10875.00	-53.49	-40	-13.49	-69	-55.01	10.48	12.00	V
	14500.00	-54.14	-40	-14.14	-70.02	-55.84	11.80	13.50	V
NR n71 Middle	1342	-71.09	-13	-58.09	-63.84	-74.34	4.00	9.40	H
	2013	-68.61	-13	-55.61	-66.63	-72.18	4.88	10.60	H
	2684	-65.75	-13	-52.75	-65.68	-70.68	5.52	12.60	H
	1342	-70.25	-13	-57.25	-63.95	-73.50	4.00	9.40	V
	2013	-68.78	-13	-55.78	-66.69	-72.35	4.88	10.60	V
	2684	-65.58	-13	-52.58	-65.97	-70.51	5.52	12.60	V
LTE Band48 Middle	7250.00	-57.77	-40	-17.77	-66.48	-61.07	8.30	11.60	H
	10875.00	-55.27	-40	-15.27	-69.13	-56.79	10.48	12.00	H
	14500.00	-53.79	-40	-13.79	-70.06	-55.49	11.80	13.50	H
	7250.00	-56.14	-40	-16.14	-66.39	-59.44	8.30	11.60	V
	10875.00	-52.84	-40	-12.84	-68.35	-54.36	10.48	12.00	V
	14500.00	-53.74	-40	-13.74	-69.62	-55.44	11.80	13.50	V
NR n71 Highest	1357	-71.16	-13	-58.16	-63.90	-74.33	4.10	9.42	H
	2035.5	-68.51	-13	-55.51	-66.61	-72.09	4.90	10.63	H
	2714	-66.20	-13	-53.20	-66.06	-71.12	5.55	12.62	H
	1357	-70.14	-13	-57.14	-63.86	-73.31	4.10	9.42	V
	2035.5	-68.69	-13	-55.69	-66.66	-72.27	4.90	10.63	V
	2714	-65.90	-13	-52.90	-66.31	-70.82	5.55	12.62	V
LTE Band48 Highest	7250.00	-58.00	-40	-18.00	-66.71	-61.30	8.30	11.60	H
	10875.00	-55.07	-40	-15.07	-68.93	-56.59	10.48	12.00	H
	14500.00	-53.62	-40	-13.62	-69.89	-55.32	11.80	13.50	H
	7250.00	-56.09	-40	-16.09	-66.34	-59.39	8.30	11.60	V
	10875.00	-53.61	-40	-13.61	-69.12	-55.13	10.48	12.00	V
	14500.00	-54.20	-40	-14.20	-70.08	-55.90	11.80	13.50	V

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