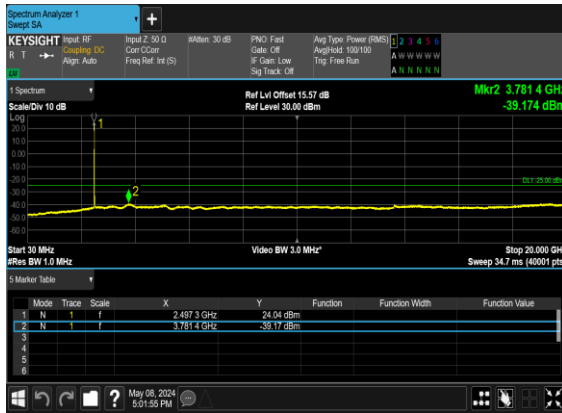
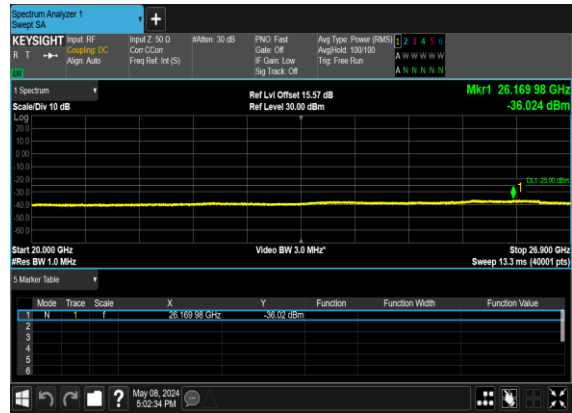


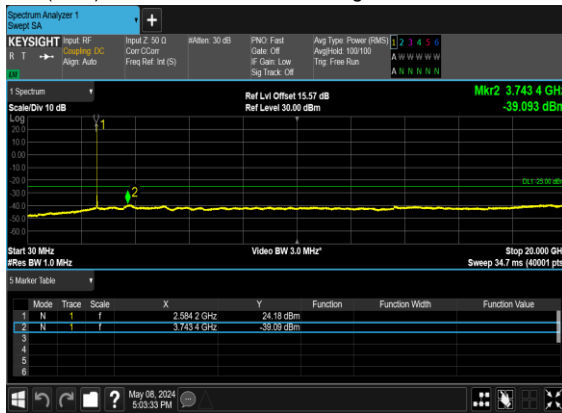
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



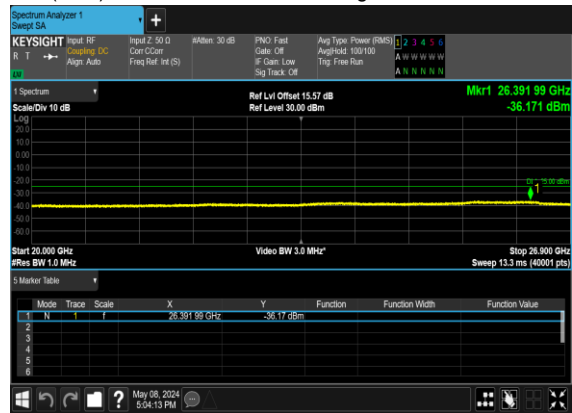
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



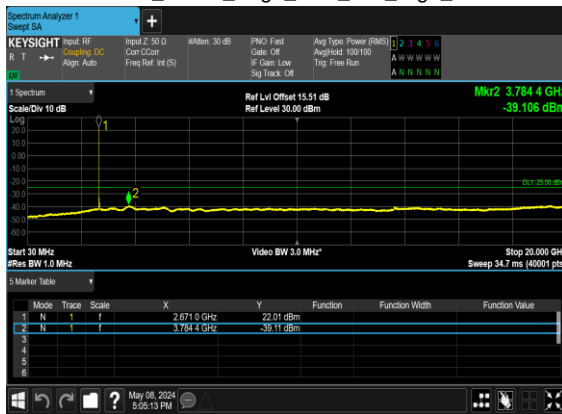
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



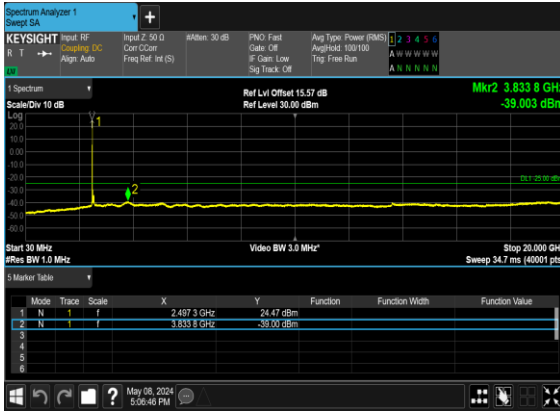
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



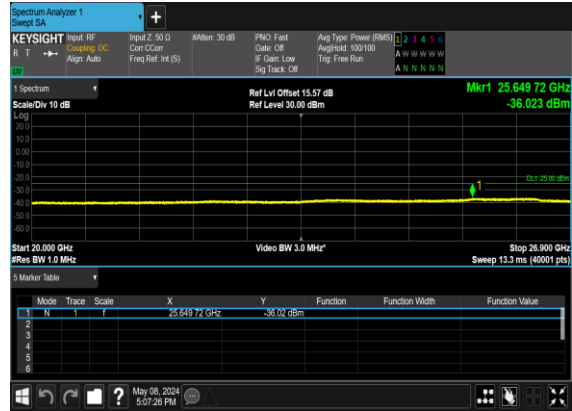
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



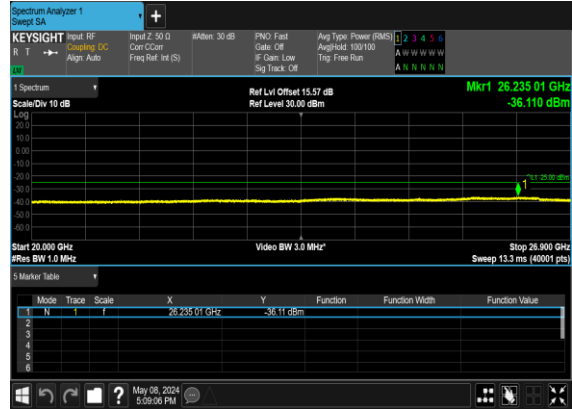
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



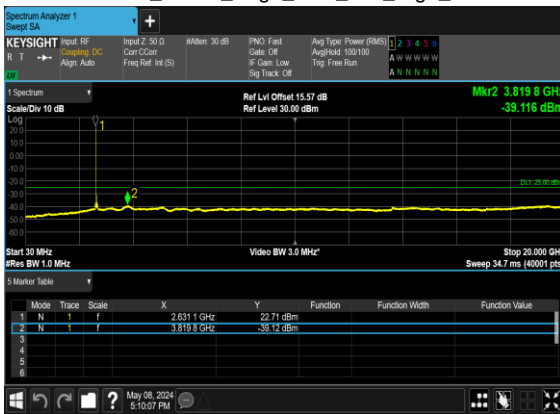
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



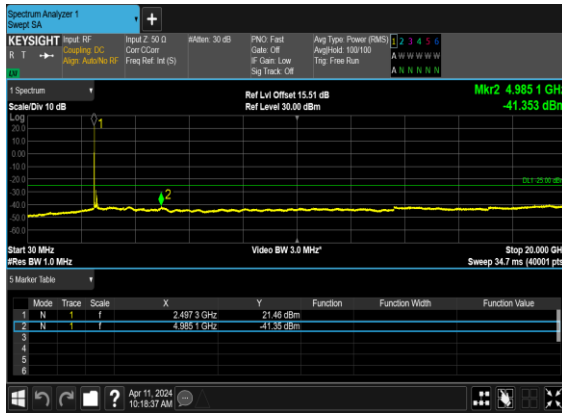
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



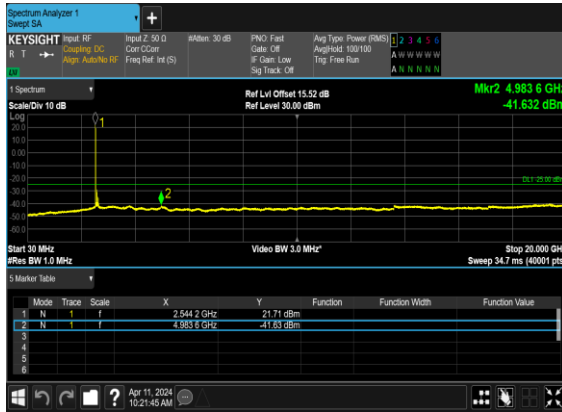
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



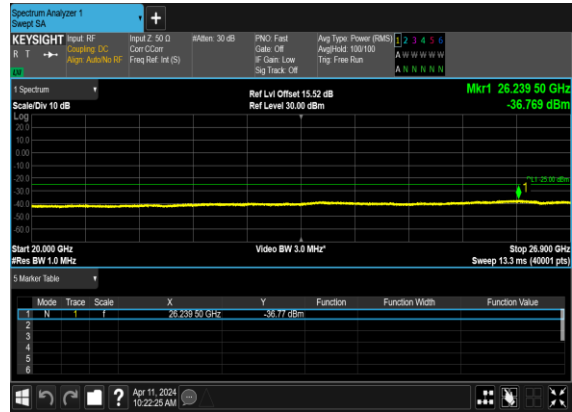
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



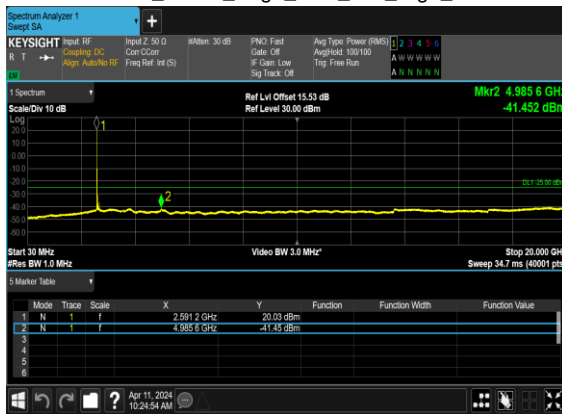
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



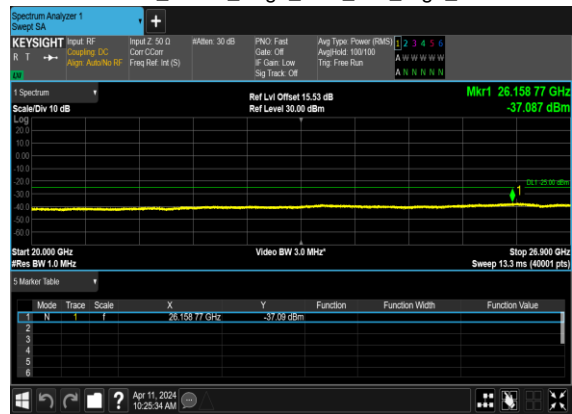
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



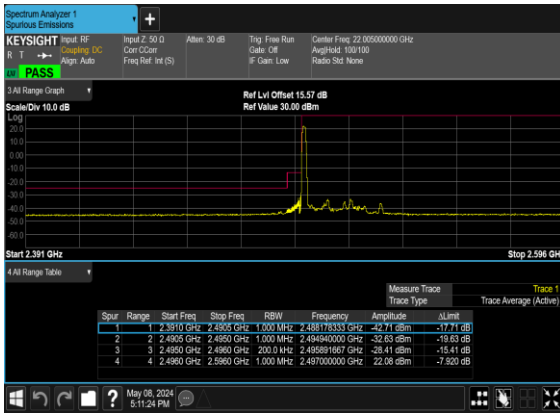
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



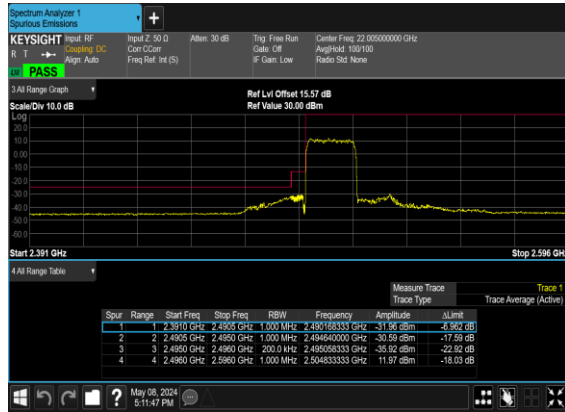
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	see graph	<b>PASS</b>
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@50	see graph	<b>PASS</b>
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	see graph	<b>PASS</b>
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	162@0	see graph	<b>PASS</b>
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@161	see graph	<b>PASS</b>
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	162@0	see graph	<b>PASS</b>
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	<b>PASS</b>
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	<b>PASS</b>

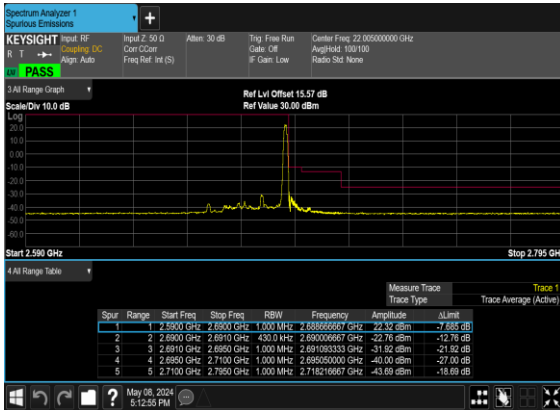
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



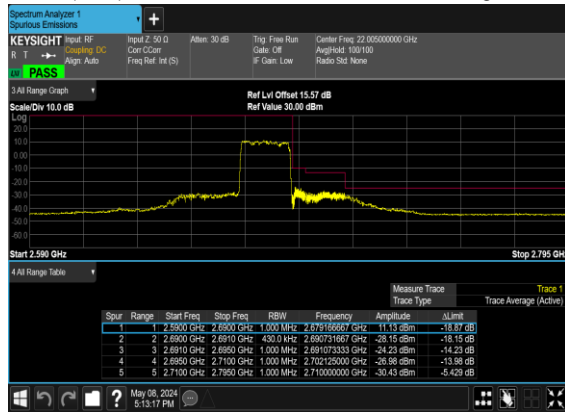
N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



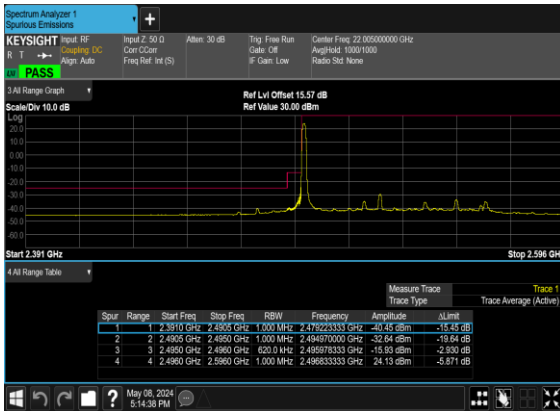
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



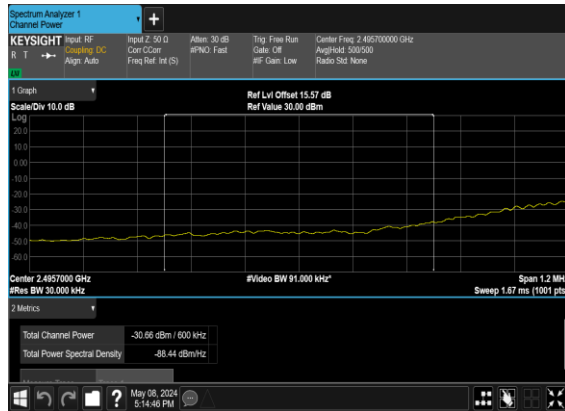
N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



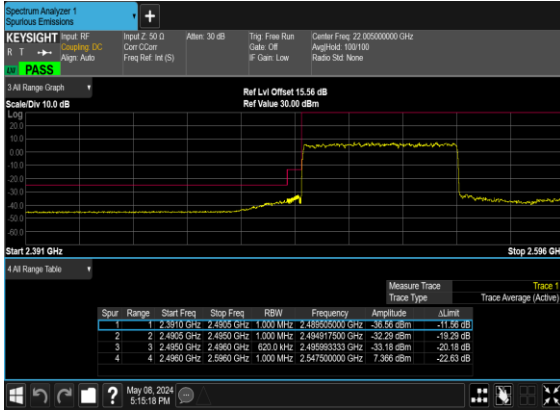
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



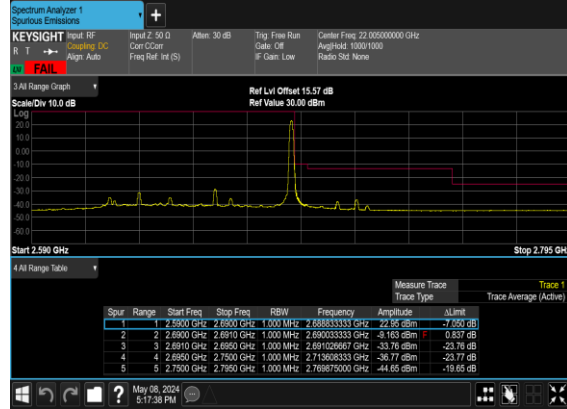
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



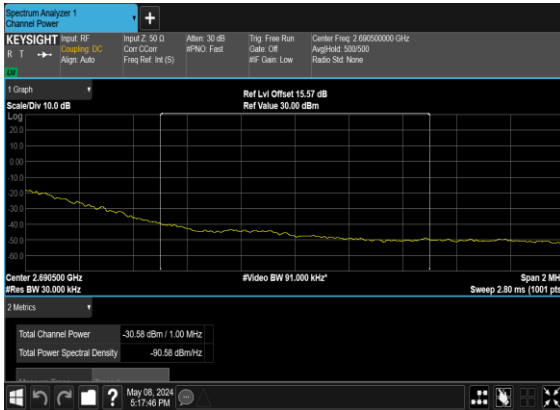
N41(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



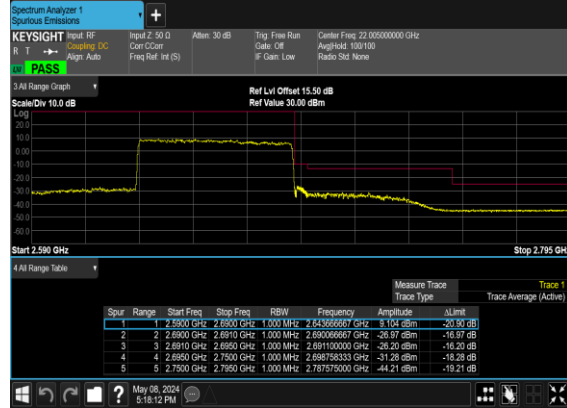
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



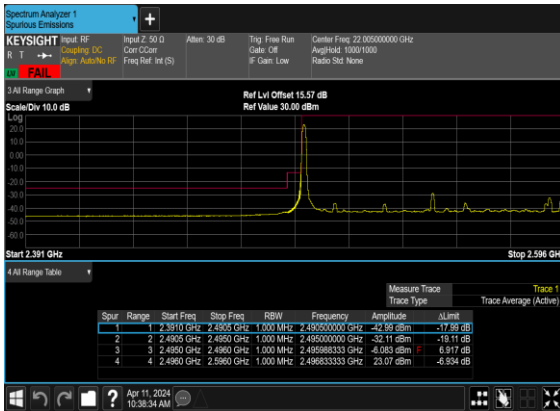
N41(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



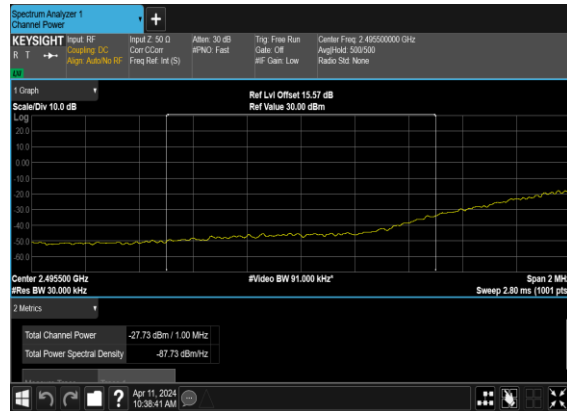
N41(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



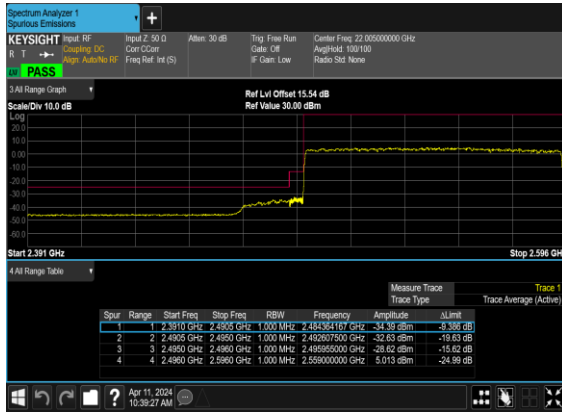
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



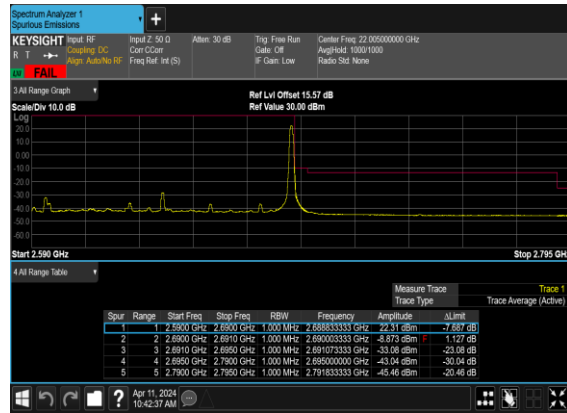
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



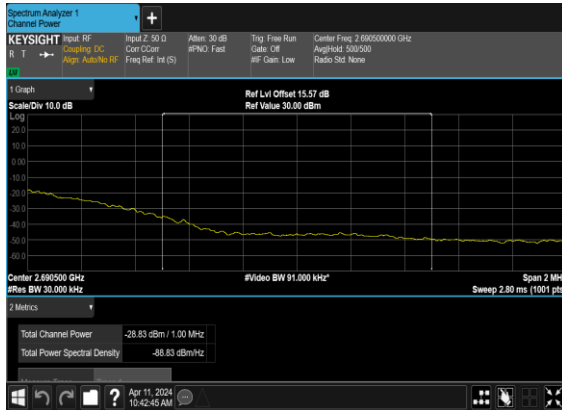
N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



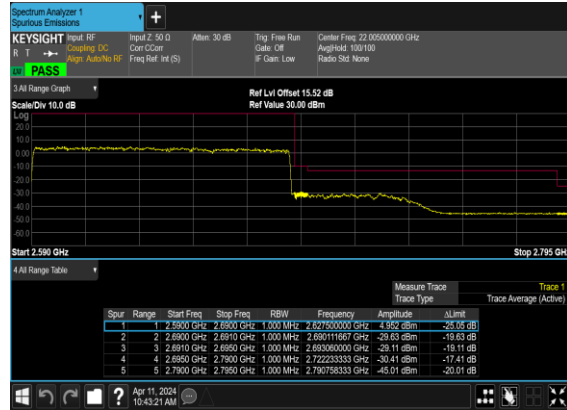
N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



N41(100M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



Note: "CHP" means channel power integrated method.

# FR1 N66(ANT0)

## Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-0.9dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.86	22.96	0.1977
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.92	22.02	0.1592
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	24.25	23.35	0.2163
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.23	22.33	0.1710
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	24.05	23.15	0.2065
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.98	22.08	0.1614
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	24.13	23.23	0.2104
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	23.1	22.2	0.1660
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	24.21	23.31	0.2143
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.33	22.43	0.1750
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	24.25	23.35	0.2163
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	23.2	22.3	0.1698
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.91	23.01	0.2000
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.93	22.03	0.1596
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	24.27	23.37	0.2173
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.15	22.25	0.1679
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	24.14	23.24	0.2109
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	23	22.1	0.1622
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.93	23.03	0.2009
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.9	22	0.1585
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	24.23	23.33	0.2153
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.21	22.31	0.1702
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	24.21	23.31	0.2143
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	23.18	22.28	0.1690
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	24.04	23.14	0.2061
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	23	22.1	0.1622
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	24.22	23.32	0.2148
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.18	22.28	0.1690
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	24.16	23.26	0.2118



66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	23.25	22.35	0.1718
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	24.15	23.25	0.2113
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	24.08	23.18	0.2080
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	24.28	23.38	0.2178
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	23.14	22.24	0.1675
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	23.03	22.13	0.1633
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	23.2	22.3	0.1698
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	21.63	20.73	0.1183
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	21.15	20.25	0.1059
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	21.37	20.47	0.1114
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	19.66	18.76	0.0752
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	19.32	18.42	0.0695
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	19.54	18.64	0.0731
66	15	40	346000	1730	CP-OFDM QPSK	108@54	22.64	21.74	0.1493
66	15	40	346000	1730	CP-OFDM QPSK	1@1	22.42	21.52	0.1419
66	15	40	346000	1730	CP-OFDM QPSK	1@214	22.59	21.69	0.1476
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	24.19	23.29	0.2133
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	24.23	23.33	0.2153
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	24.22	23.32	0.2148
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	23.25	22.35	0.1718
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.24	22.34	0.1714
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	23.11	22.21	0.1663
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	21.75	20.85	0.1216
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	21.38	20.48	0.1117
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	21.32	20.42	0.1102
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	19.75	18.85	0.0767
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	19.51	18.61	0.0726
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	19.48	18.58	0.0721
66	15	40	349000	1745	CP-OFDM QPSK	108@54	22.75	21.85	0.1531
66	15	40	349000	1745	CP-OFDM QPSK	1@1	22.6	21.7	0.1479
66	15	40	349000	1745	CP-OFDM QPSK	1@214	22.71	21.81	0.1517
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	24.16	23.26	0.2118
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	24.1	23.2	0.2089
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	24.2	23.3	0.2138
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	23.2	22.3	0.1698

66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	23.21	22.31	0.1702
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	23.08	22.18	0.1652
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	21.66	20.76	0.1191
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	21.41	20.51	0.1125
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	21.22	20.32	0.1076
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	19.7	18.8	0.0759
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	19.53	18.63	0.0729
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	19.41	18.51	0.0710
66	15	40	352000	1760	CP-OFDM QPSK	108@54	22.68	21.78	0.1507
66	15	40	352000	1760	CP-OFDM QPSK	1@1	22.62	21.72	0.1486
66	15	40	352000	1760	CP-OFDM QPSK	1@214	22.48	21.58	0.1439

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0050	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0068	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0052	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0067	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0055	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0040	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0050	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0033	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	PASS	50°C

# Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.28	13	PASS

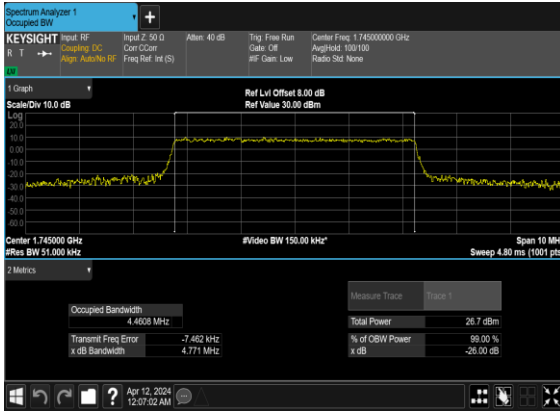
## N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



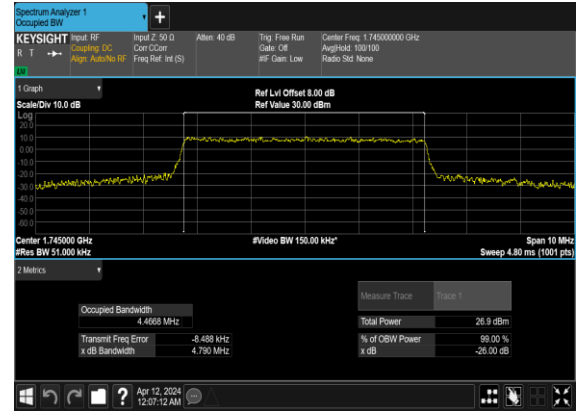
## Occupied Bandwidth

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	4.4608	4.771
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4668	4.79
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4713	4.774
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4699	4.779
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2606	9.709
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2722	9.741
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2879	9.705
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.263	9.702
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.081	14.63
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.121	14.74
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.076	14.72
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.078	14.71
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.911	19.65
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.912	19.59
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.908	19.6
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.871	19.72
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.481	29.66
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.542	29.69
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.508	29.6
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.47	29.54
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.504	39.95
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.517	39.82
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.503	39.92
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.5	39.87

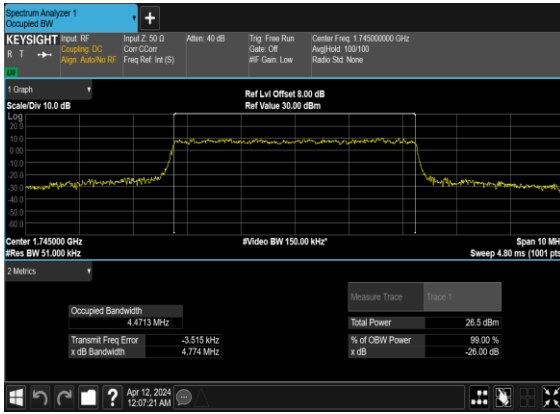
### N66(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N66(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



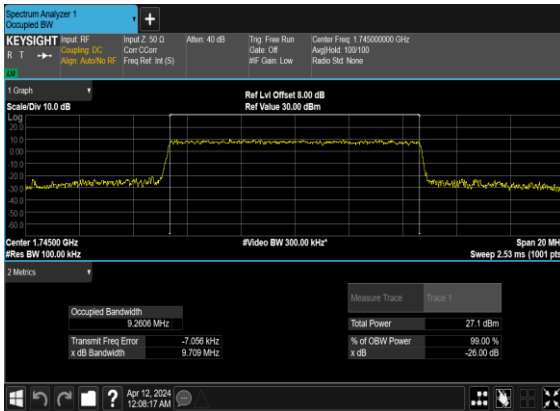
### N66(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



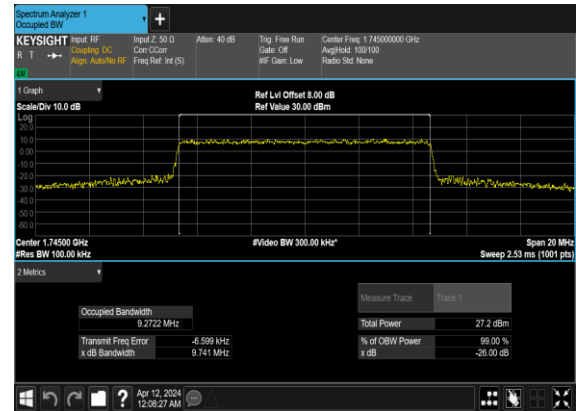
### N66(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



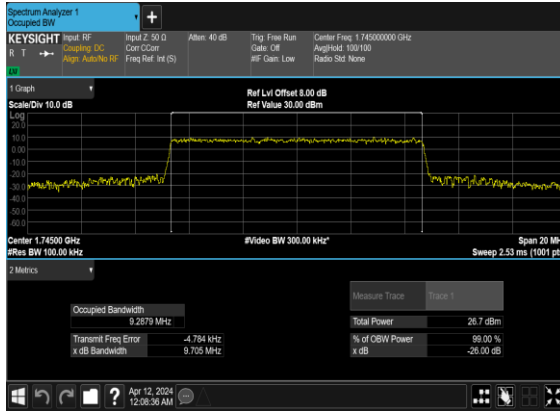
### N66(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N66(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



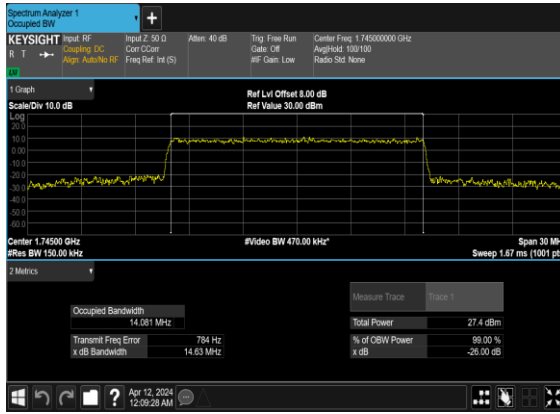
### N66(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



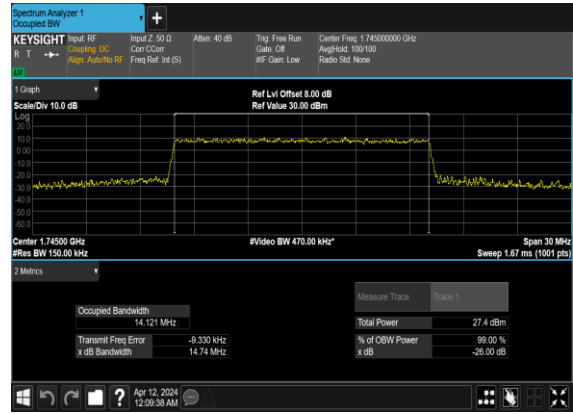
### N66(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



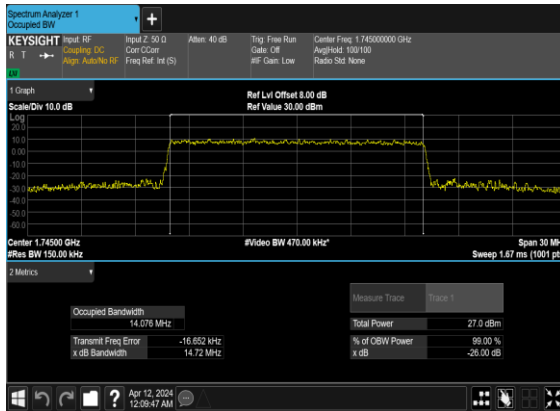
### N66(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



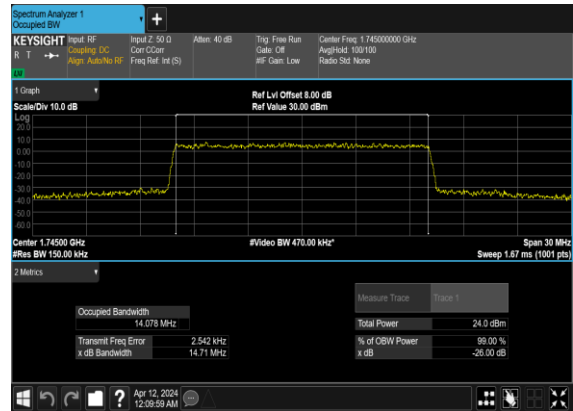
### N66(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



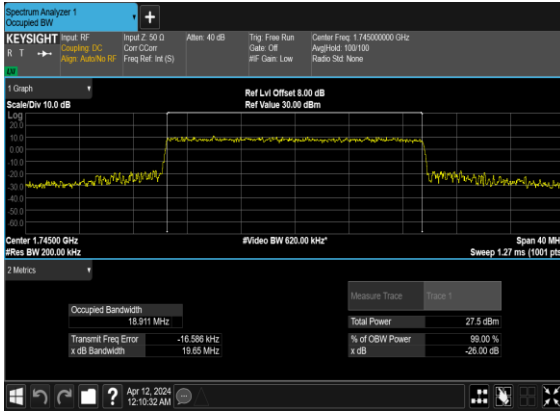
### N66(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



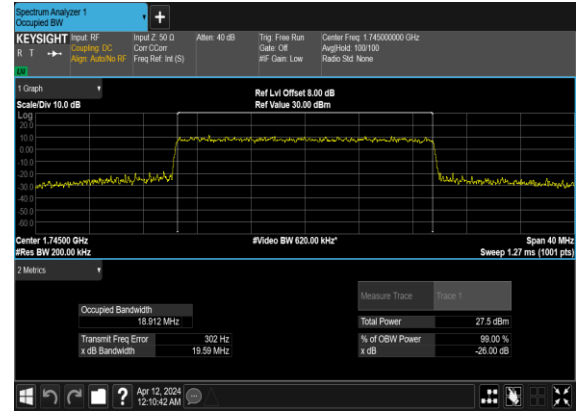
### N66(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



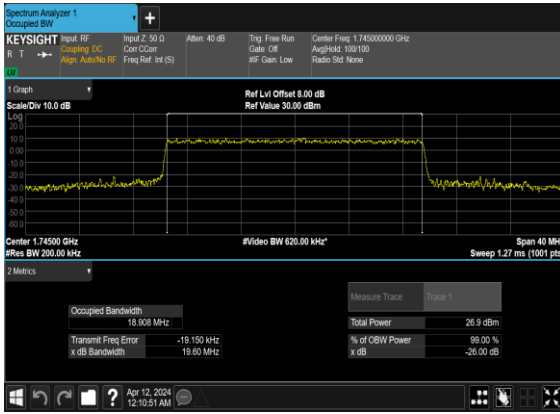
### N66(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



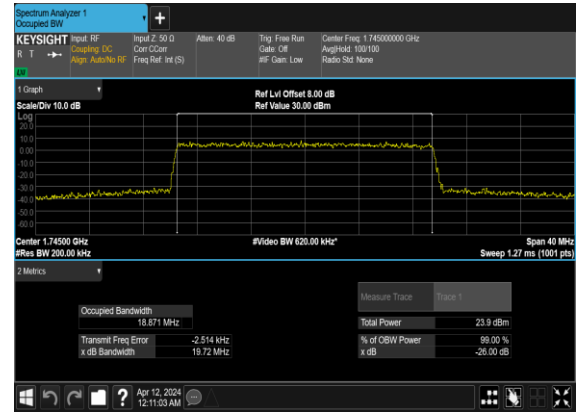
### N66(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



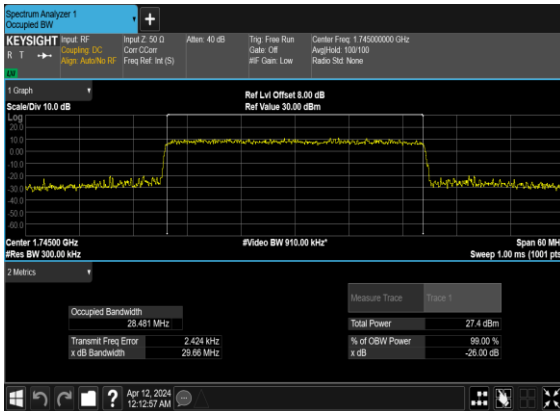
### N66(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



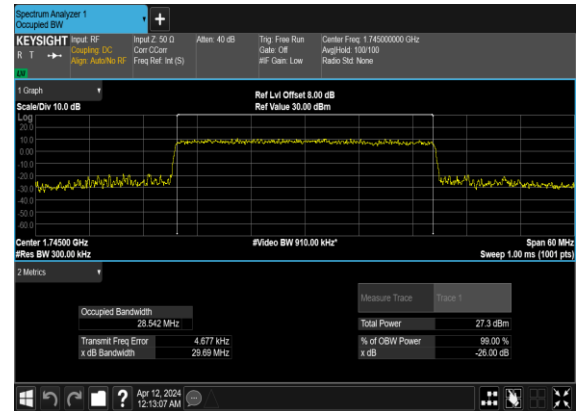
### N66(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N66(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

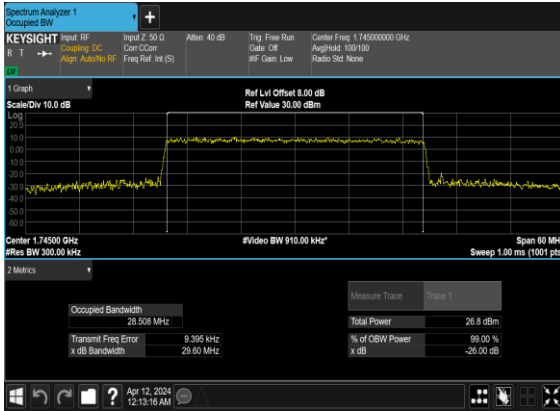


### N66(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH

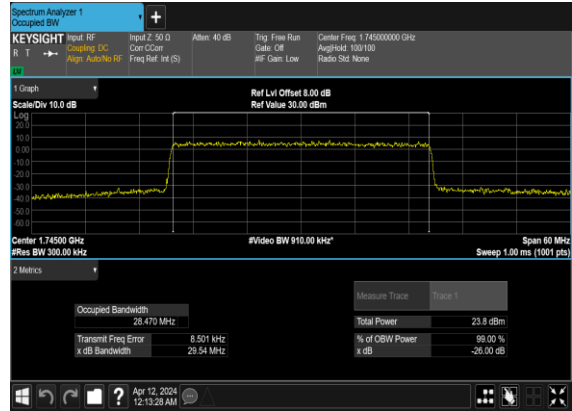




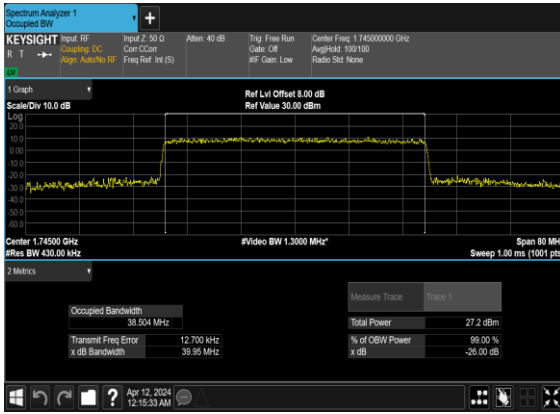
### N66(30M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



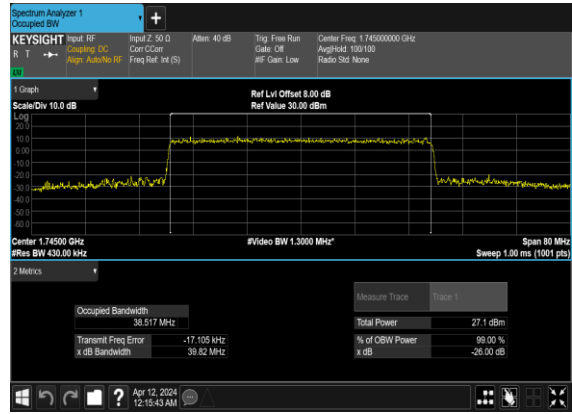
### N66(30M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



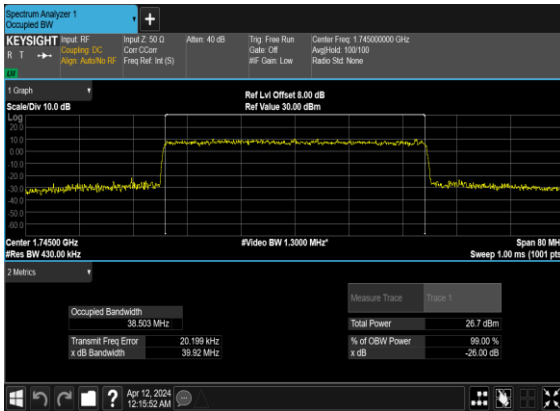
### N66(40M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



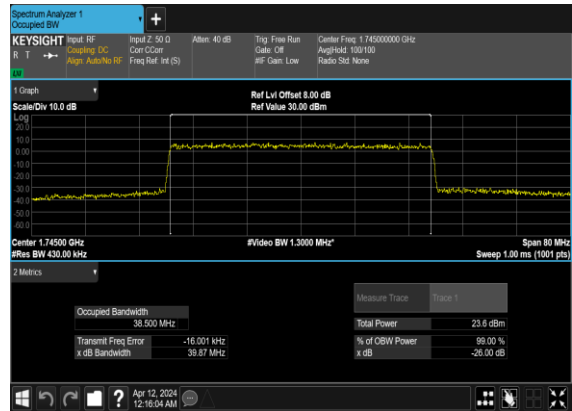
### N66(40M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N66(40M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



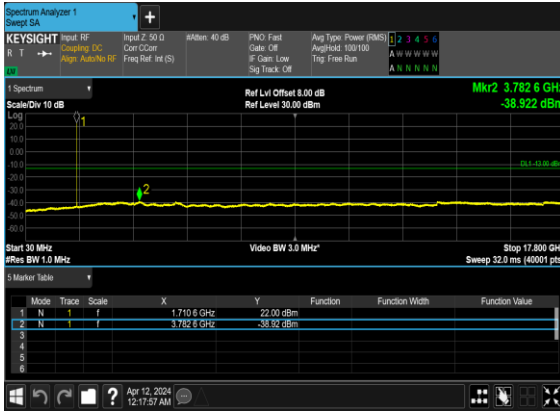
### N66(40M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



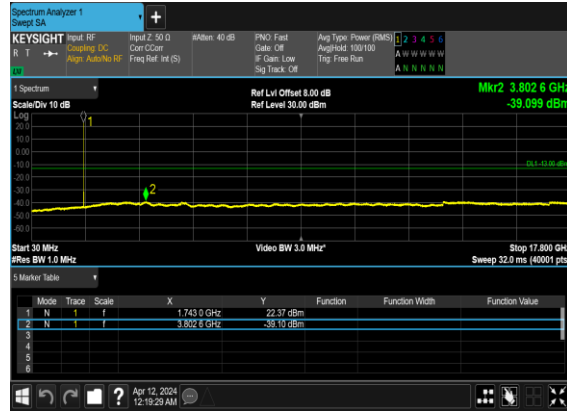
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
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	<b>PASS</b>
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	<b>PASS</b>
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

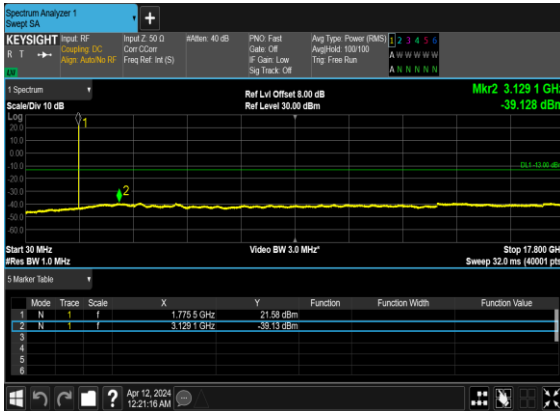
### N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



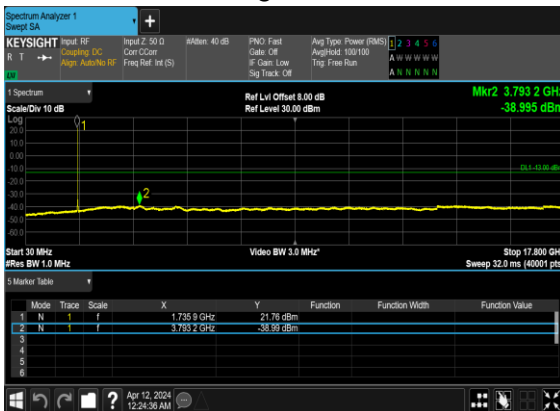
### N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



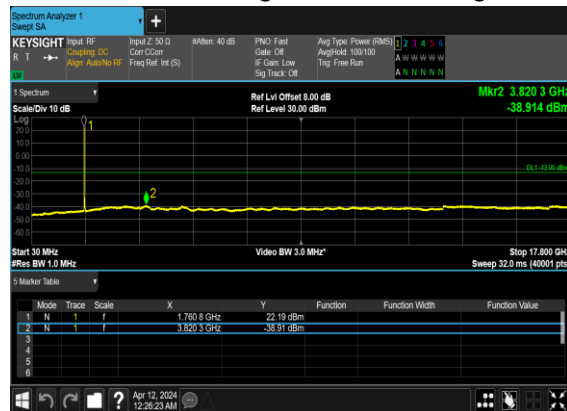
### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



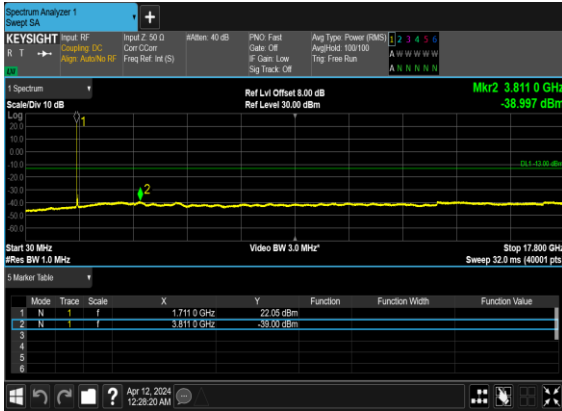
### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



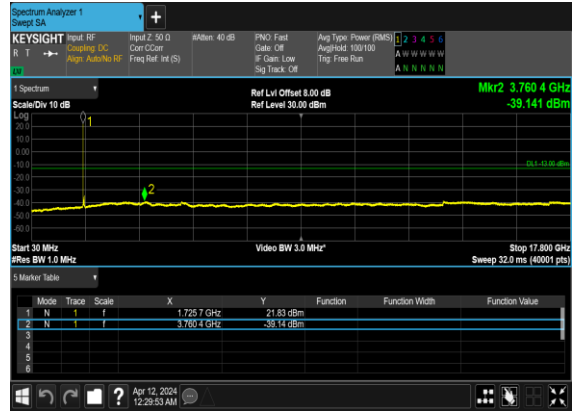
### N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



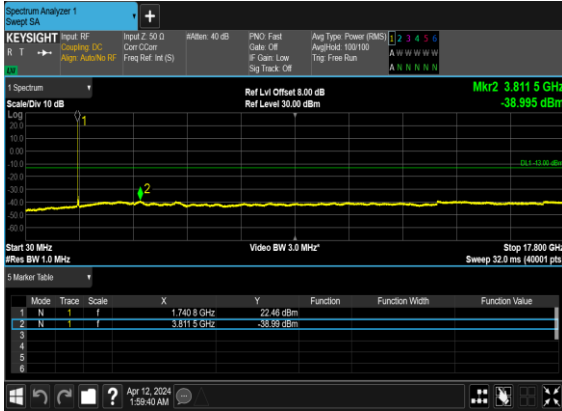
### N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



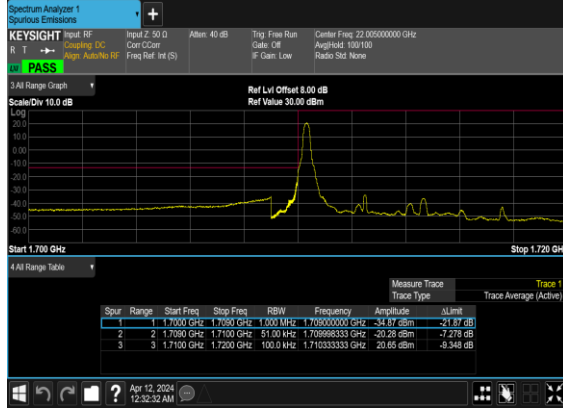
### N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## 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 QPSK	1@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 QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

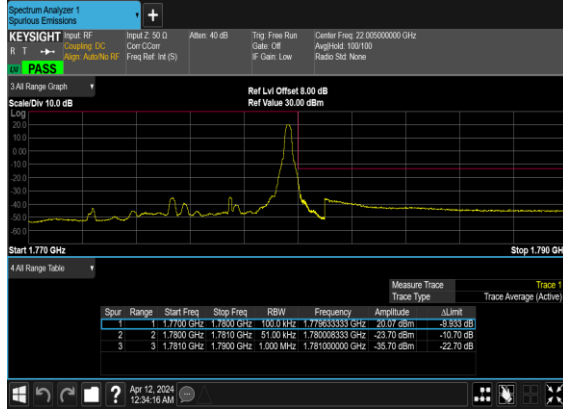
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



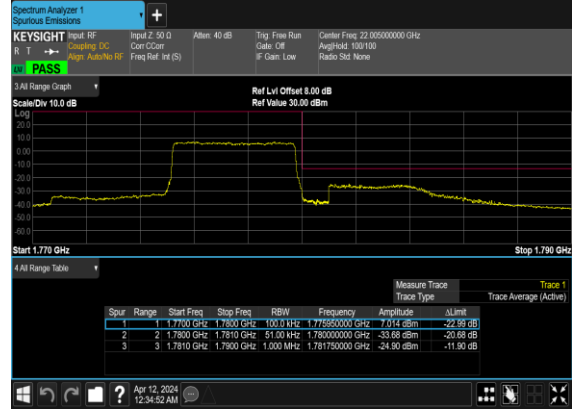
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



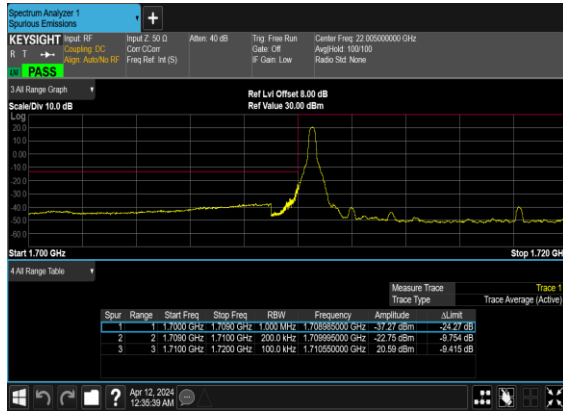
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



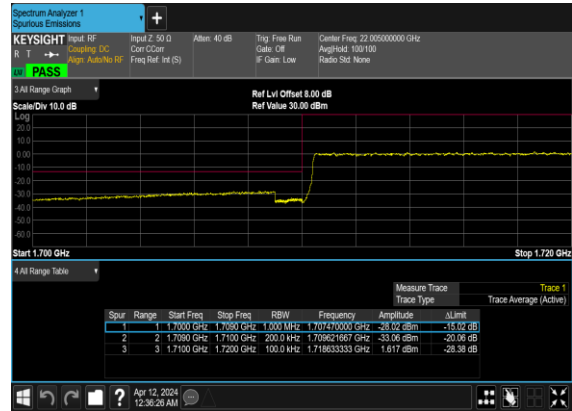
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



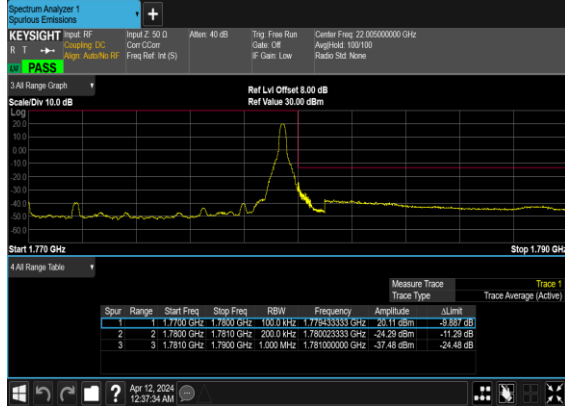
N66(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



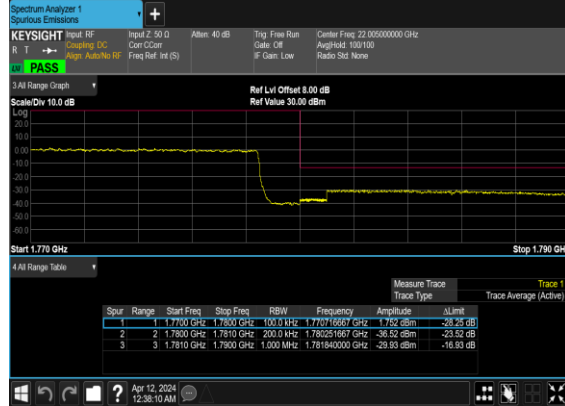
N66(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



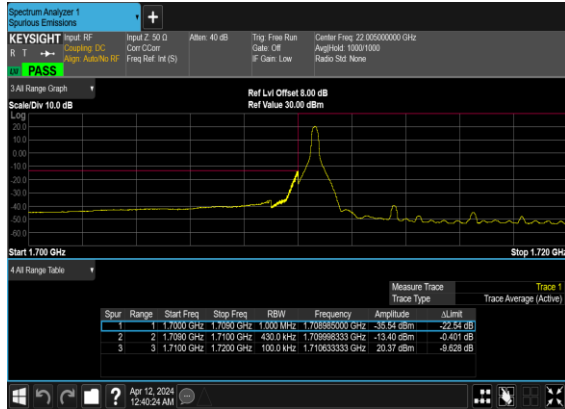
N66(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



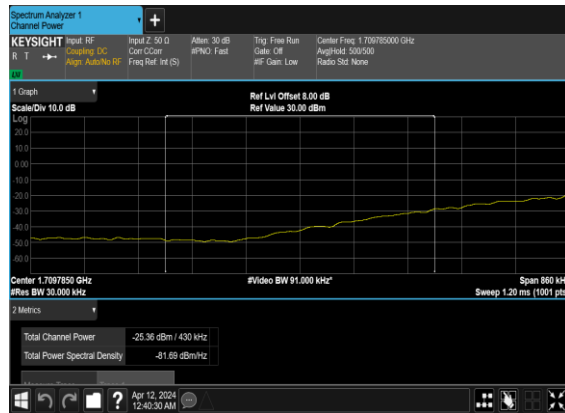
N66(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



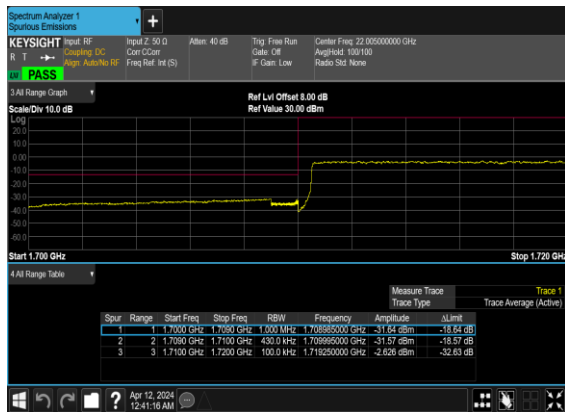
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



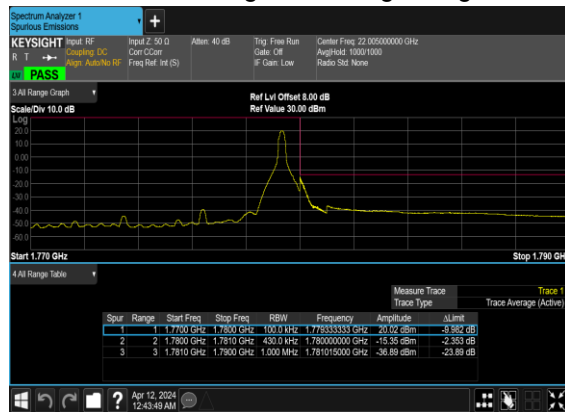
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP  
\_PASS



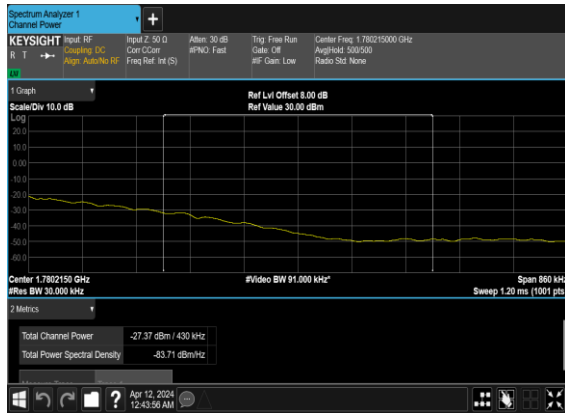
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



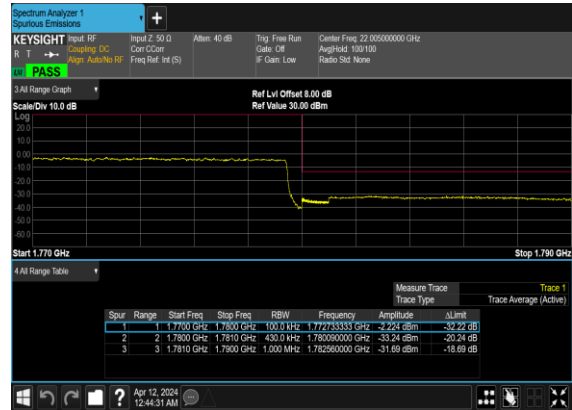
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP  
\_PASS



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



Note: "CHP" means channel power integrated method.





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest all the support Antennas, only the worst results are shown in the report.

n7 SA / NR 50MHz / 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)
Middle	5032.00	-62.48	-25	-37.48	-79.88	-68.04	7.14	12.70	H
	7548.00	-56.45	-25	-31.45	-78.70	-59.75	8.30	11.60	H
	10064.00	-52.62	-25	-27.62	-79.72	-54.14	10.48	12.00	H
	5032.00	-62.37	-25	-37.37	-79.69	-67.93	7.14	12.70	V
	7548.00	-56.55	-25	-31.55	-78.64	-59.85	8.30	11.60	V
	10064.00	-53.25	-25	-28.25	-79.82	-54.77	10.48	12.00	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT0+1)									
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 n7 Middle	5070.00	-59.43	-25	-34.43	-78.90	-64.99	7.14	12.70	H
	7605.00	-55.44	-25	-30.44	-79.87	-58.74	8.30	11.60	H
	10140.00	-51.60	-25	-26.60	-80.51	-53.12	10.48	12.00	H
	5070.00	-59.62	-25	-34.62	-78.95	-65.18	7.14	12.70	V
	7605.00	-54.76	-25	-29.76	-79.69	-58.06	8.30	11.60	V
	10140.00	-52.87	-25	-27.87	-80.49	-54.39	10.48	12.00	V
LTE Band66 Middle	3481	-62.93	-13	-49.93	-77.53	-69.78	5.65	12.50	H
	5221.5	-60.36	-13	-47.36	-79.78	-66.03	7.13	12.80	H
	6962	-57.13	-13	-44.13	-80.01	-60.53	8.40	11.80	H
	3481	-62.01	-13	-49.01	-76.64	-68.86	5.65	12.50	V
	5221.5	-60.39	-13	-47.39	-79.4	-66.06	7.13	12.80	V
	6962	-56.54	-13	-43.54	-79.66	-59.94	8.40	11.80	V

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



n26 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)
Middle	1634	-65.93	-13	-52.93	-74.15	-69.18	4.00	9.40	H
	2451	-63.96	-13	-50.96	-75.70	-67.53	4.88	10.60	H
	3268	-61.53	-13	-48.53	-76.09	-66.46	5.52	12.60	H
	1634	-66.14	-13	-53.14	-74.31	-69.39	4.00	9.40	V
	2451	-64.09	-13	-51.09	-75.81	-67.66	4.88	10.60	V
	3268	-61.57	-13	-48.57	-75.99	-66.50	5.52	12.60	V

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

EN-DC 7A_n26A / LTE 10MHz + NR 20MHz / QPSK (ANT0+1)									
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 n26 Middle	1634	-66.70	-13	-53.70	-74.92	-69.95	4.00	9.40	H
	2451	-64.95	-13	-51.95	-76.69	-68.52	4.88	10.60	H
	3268	-61.10	-13	-48.10	-75.66	-66.03	5.52	12.60	H
	1634	-66.74	-13	-53.74	-74.91	-69.99	4.00	9.40	V
	2451	-64.83	-13	-51.83	-76.55	-68.40	4.88	10.60	V
	3268	-61.43	-13	-48.43	-75.85	-66.36	5.52	12.60	V
LTE Band7 Middle	5061.18	-59.23	-25	-34.23	-78.70	-64.79	7.14	12.70	H
	7591.77	-55.31	-25	-30.31	-79.76	-58.61	8.30	11.60	H
	10122.36	-51.32	-25	-26.32	-80.23	-52.84	10.48	12.00	H
	5061.18	-59.55	-25	-34.55	-78.89	-65.11	7.14	12.70	V
	7591.77	-54.66	-25	-29.66	-79.61	-57.96	8.30	11.60	V
	10122.36	-53.05	-25	-28.05	-80.65	-54.57	10.48	12.00	V

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

N41 SA / NR 100MHz / 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)
Middle	5089.00	-62.06	-25	-37.06	-79.51	-67.62	7.14	12.70	H
	7633.50	-56.06	-25	-31.06	-78.32	-59.36	8.30	11.60	H
	10178.00	-52.09	-25	-27.09	-79.15	-53.61	10.48	12.00	H
	5089.00	-62.22	-25	-37.22	-79.6	-67.78	7.14	12.70	V
	7633.50	-56.23	-25	-31.23	-78.3	-59.53	8.30	11.60	V
	10178.00	-52.74	-25	-27.74	-79.39	-54.26	10.48	12.00	V

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



EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT0+1)									
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 n41 Middle	5089.00	-59.24	-25	-34.24	-78.74	-64.80	7.14	12.70	H
	7633.50	-55.31	-25	-30.31	-79.66	-58.61	8.30	11.60	H
	10178.00	-51.71	-25	-26.71	-80.59	-53.23	10.48	12.00	H
	5089.00	-59.72	-25	-34.72	-79.05	-65.28	7.14	12.70	V
	7633.50	-54.64	-25	-29.64	-79.52	-57.94	8.30	11.60	V
	10178.00	-52.94	-25	-27.94	-80.59	-54.46	10.48	12.00	V
LTE Band66 Middle	3481	-61.96	-13	-48.96	-76.56	-68.81	5.65	12.50	H
	5221.5	-60.32	-13	-47.32	-79.74	-65.99	7.13	12.80	H
	6962	-56.87	-13	-43.87	-79.75	-60.27	8.40	11.80	H
	3481	-62.23	-13	-49.23	-76.86	-69.08	5.65	12.50	V
	5221.5	-60.81	-13	-47.81	-79.82	-66.48	7.13	12.80	V
	6962	-56.85	-13	-43.85	-79.97	-60.25	8.40	11.80	V

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

N66 SA / NR 40MHz / 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)
Middle	3452	-64.68	-13	-51.68	-77.27	-71.53	5.65	12.50	H
	5178	-62.29	-13	-49.29	-79.83	-67.96	7.13	12.80	H
	6904	-58.40	-13	-45.40	-79.13	-61.80	8.40	11.80	H
	3452	-64.13	-13	-51.13	-77.27	-70.98	5.65	12.50	V
	5178	-62.49	-13	-49.49	-79.97	-68.16	7.13	12.80	V
	6904	-58.44	-13	-45.44	-79.1	-61.84	8.40	11.80	V

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

EN-DC_7A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT0+1)									
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 n66 Middle	3452.5	-62.47	-13	-49.47	-76.93	-69.32	5.65	12.50	H
	5178.74	-60.54	-13	-47.54	-80.14	-66.21	7.13	12.80	H
	6905	-56.86	-13	-43.86	-79.68	-60.26	8.40	11.80	H
	3452.5	-62.54	-13	-49.54	-77.03	-69.39	5.65	12.50	V
	5178.74	-61.10	-13	-48.10	-80.36	-66.77	7.13	12.80	V
	6905	-56.80	-13	-43.80	-79.95	-60.20	8.40	11.80	V
LTE Band7 Middle	5061.18	-59.43	-25	-34.43	-78.90	-64.99	7.14	12.70	H
	7591.77	-55.30	-25	-30.30	-79.75	-58.60	8.30	11.60	H
	10122.36	-51.59	-25	-26.59	-80.50	-53.11	10.48	12.00	H
	5061.18	-59.50	-25	-34.50	-78.84	-65.06	7.14	12.70	V
	7591.77	-54.88	-25	-29.88	-79.83	-58.18	8.30	11.60	V
	10122.36	-53.12	-25	-28.12	-80.72	-54.64	10.48	12.00	V

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