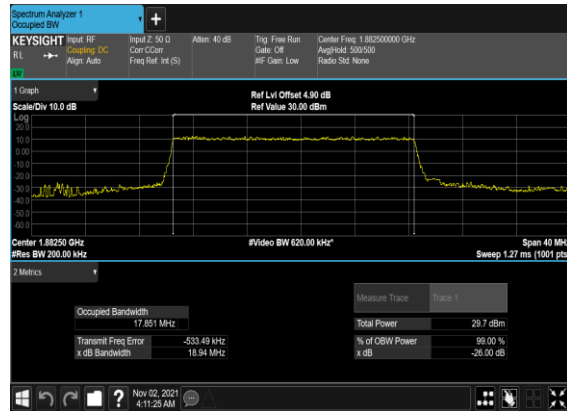
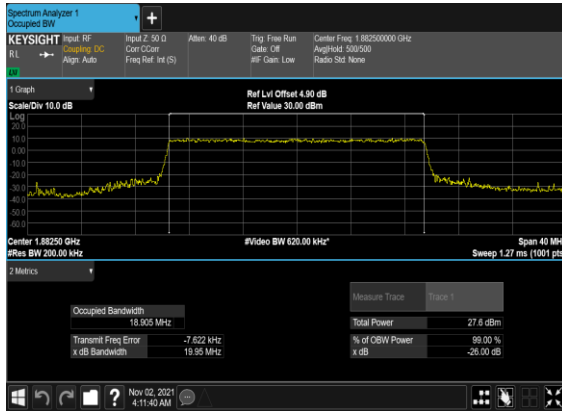


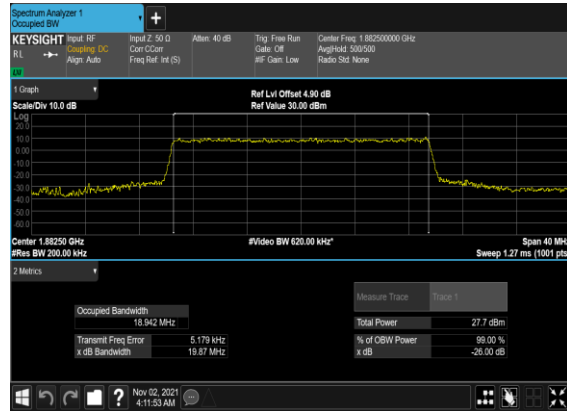
## N25(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



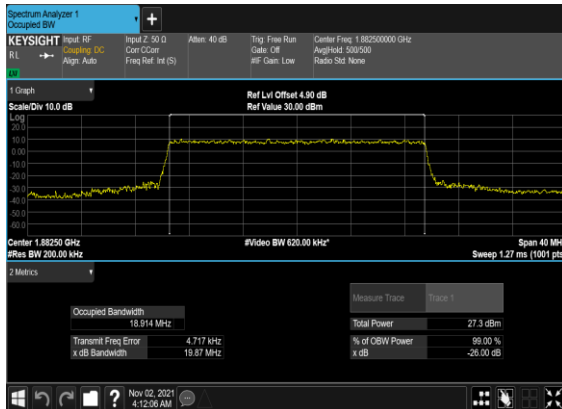
## N25(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



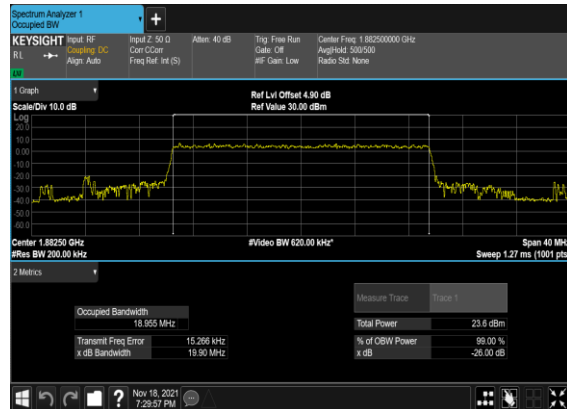
## N25(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



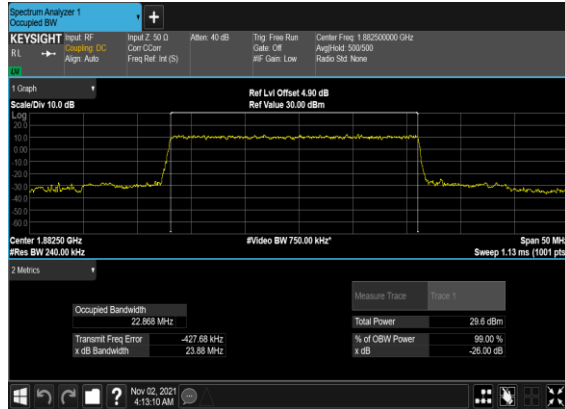
## N25(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



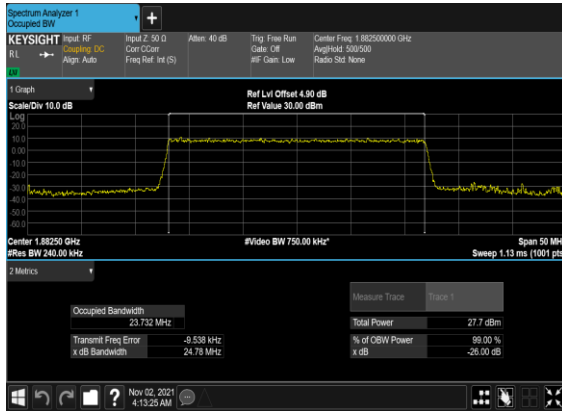
## N25(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



## N25(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



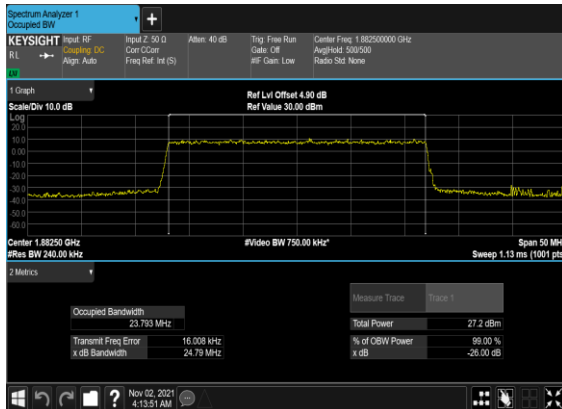
## N25(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



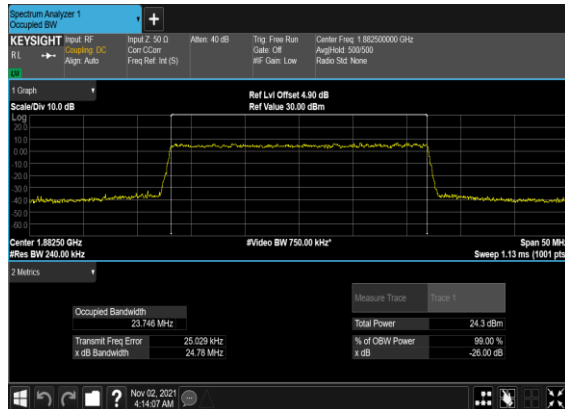
## N25(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



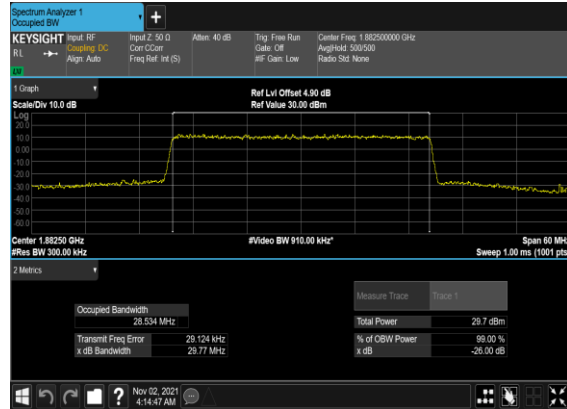
## N25(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



## N25(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



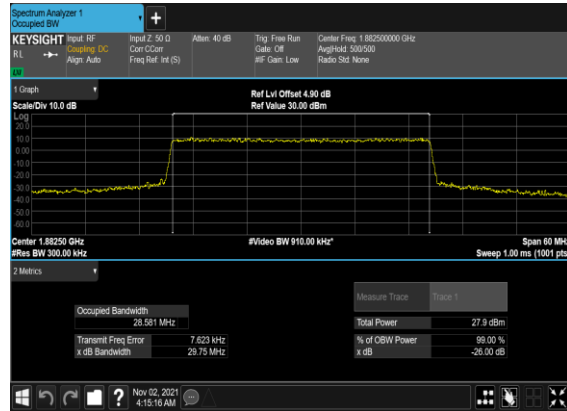
## N25(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



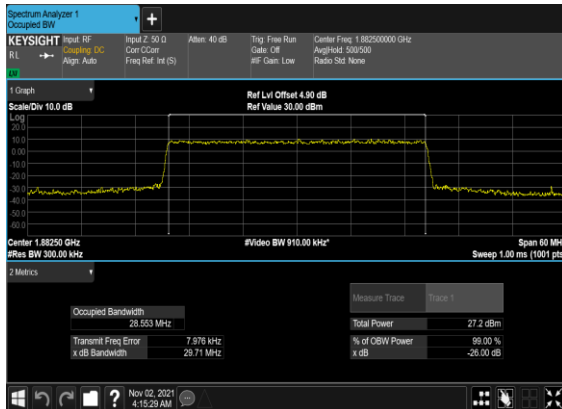
## N25(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



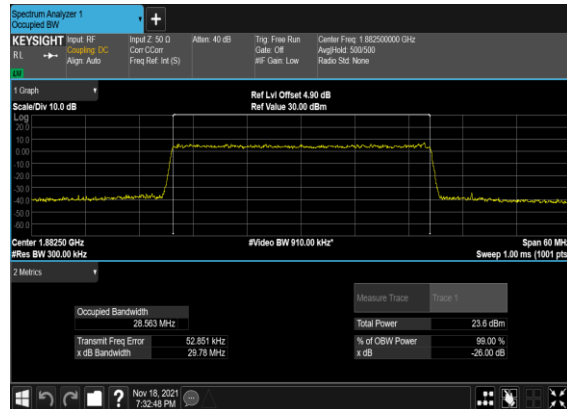
## N25(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



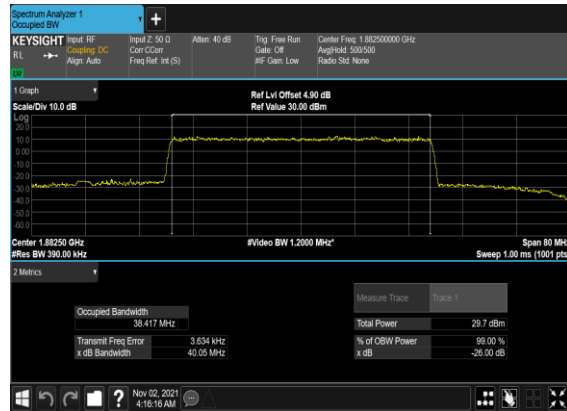
## N25(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



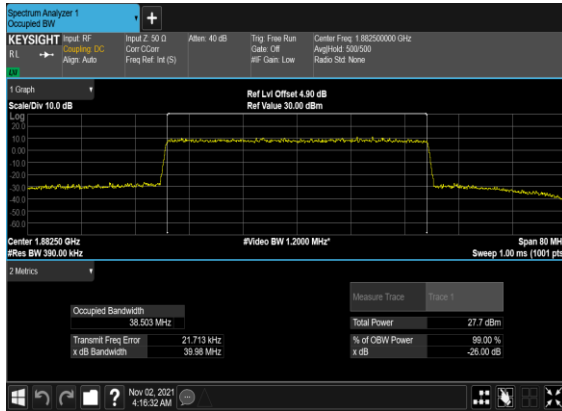
## N25(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



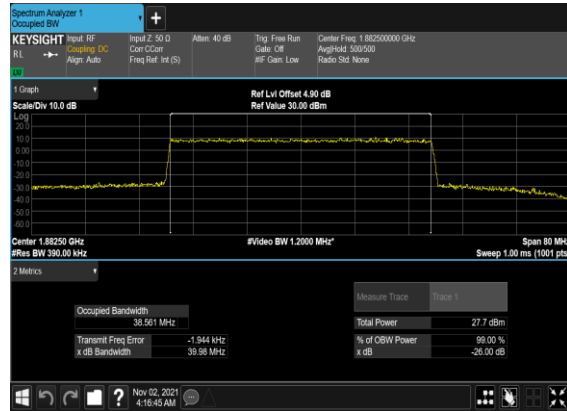
## N25(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



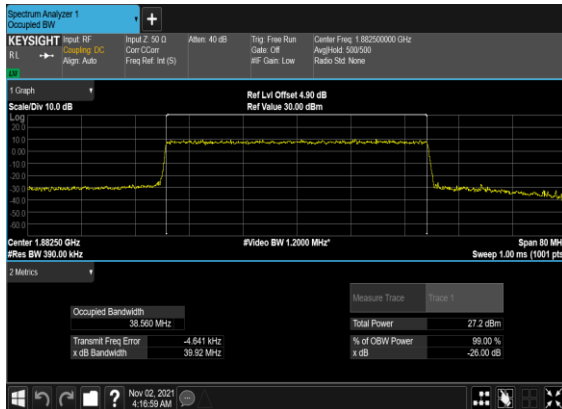
## N25(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



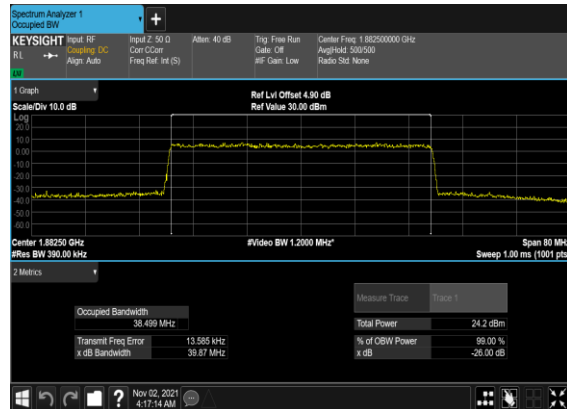
## N25(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



## N25(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



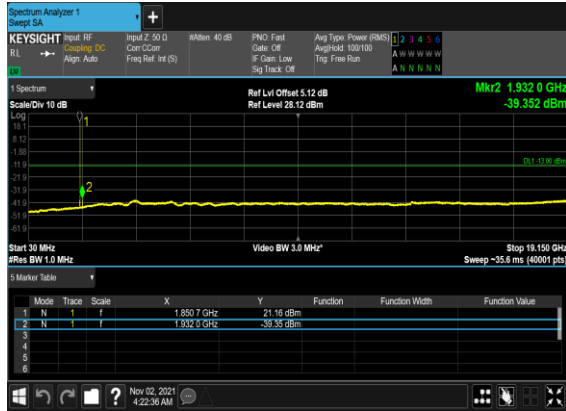
## N25(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



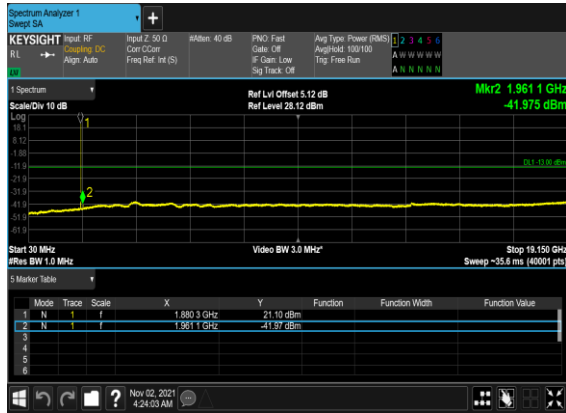
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	5	398500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	398500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

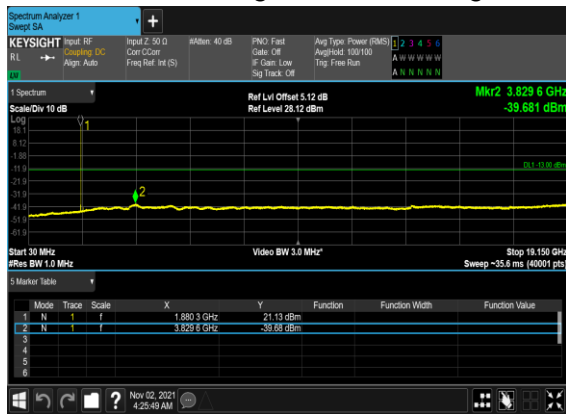
## N25(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



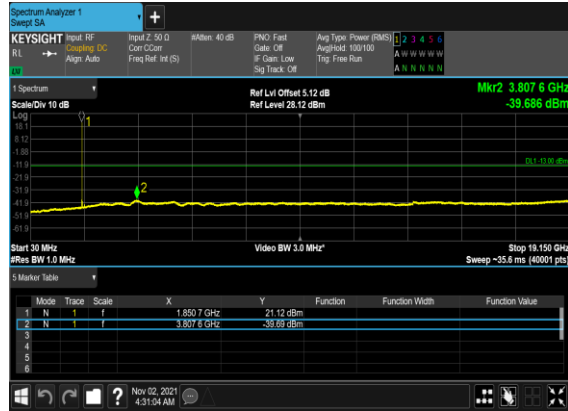
## N25(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



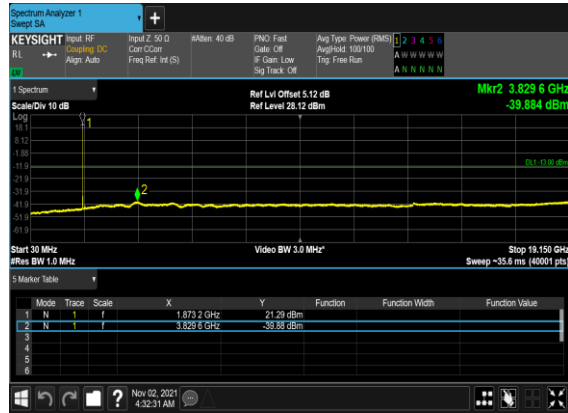
## N25(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



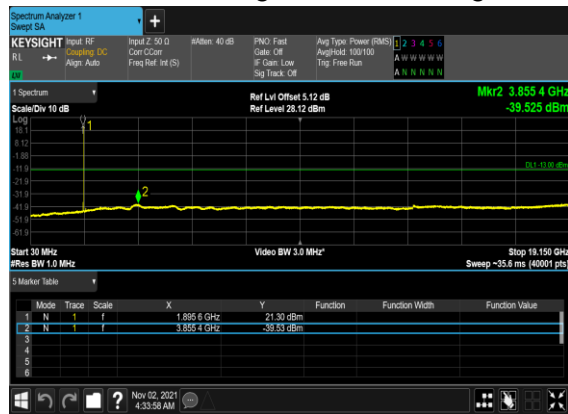
## N25(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



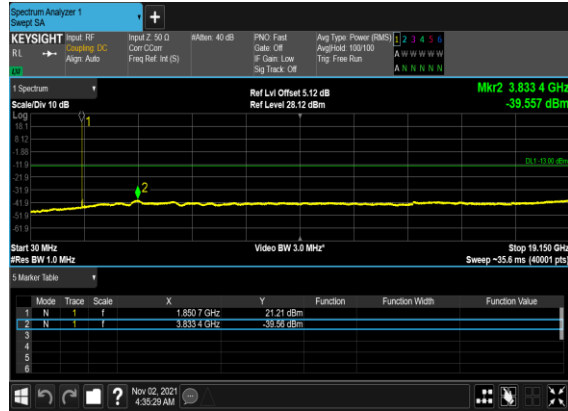
## N25(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



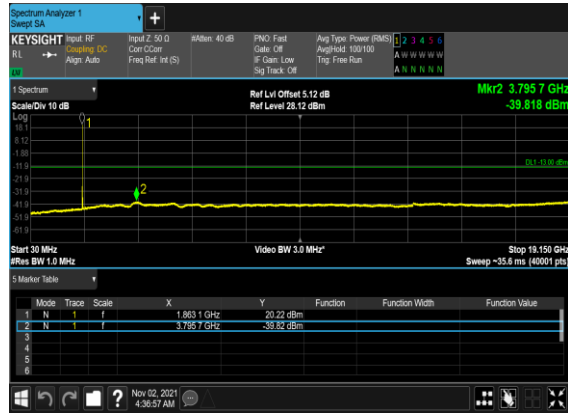
## N25(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



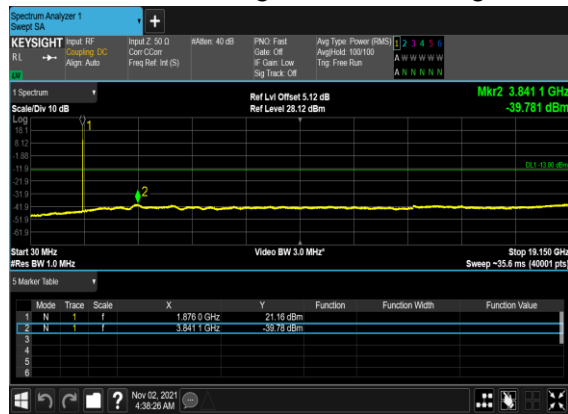
## N25(40M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



## N25(40M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



## N25(40M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

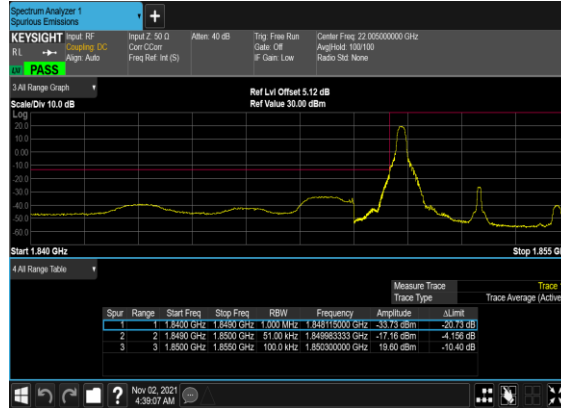




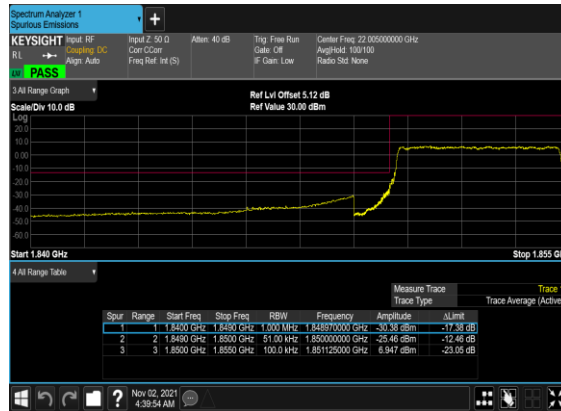
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

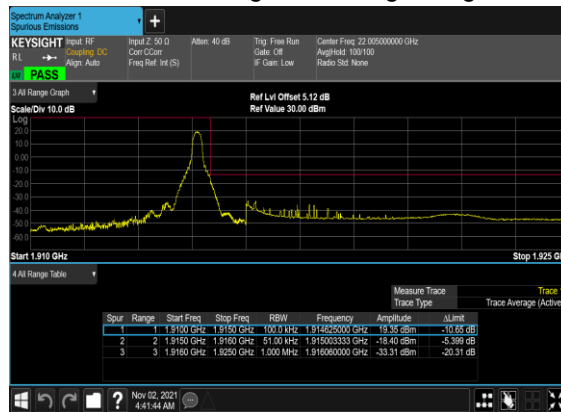
## N25(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



## N25(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH

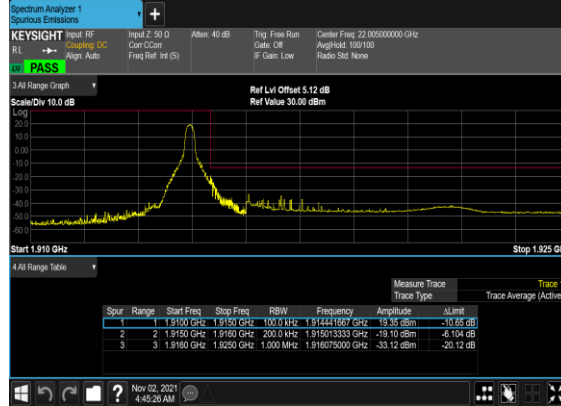


## N25(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH





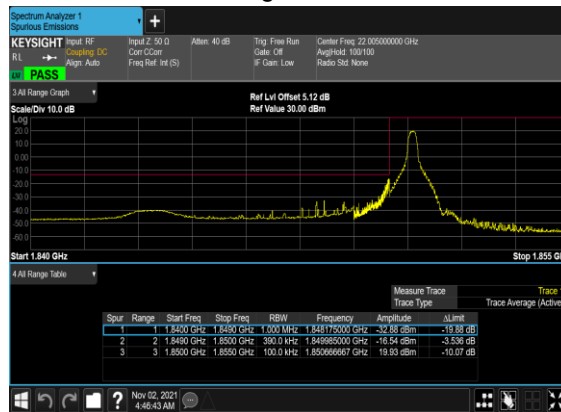
## N25(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



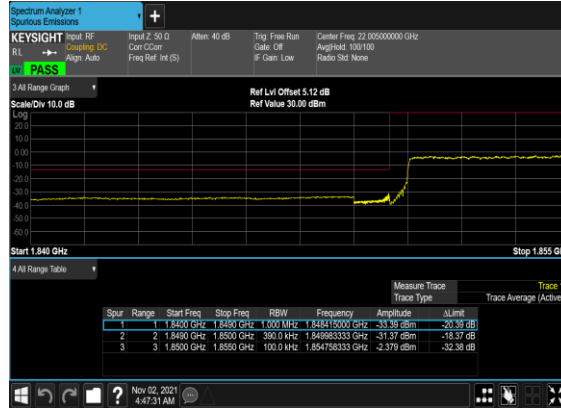
## N25(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



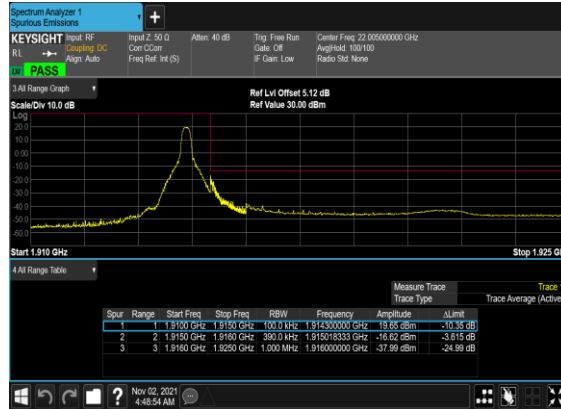
## N25(40M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



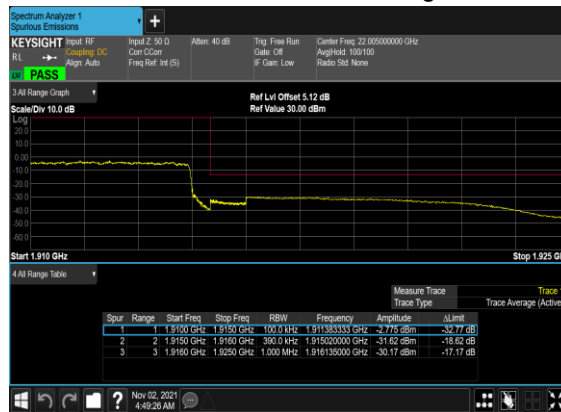
## N25(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



## N25(40M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



## N25(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N26

<Ant. 1>

Transmitter Conducted Output Power And ERP, (G<sub>T</sub> - L<sub>C</sub>)= -2.5dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	5	174300	826.5	DFT-s-OFDM QPSK	12@6	23.33	18.68	0.0738
26	15	5	174300	826.5	DFT-s-OFDM QPSK	1@1	23.32	18.67	0.0736
26	15	5	174300	826.5	DFT-s-OFDM QPSK	1@23	23.32	18.67	0.0736
26	15	5	174300	826.5	DFT-s-OFDM 16 QAM	12@6	22.24	17.59	0.0574
26	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@1	22.42	17.77	0.0598
26	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@23	22.37	17.72	0.0592
26	15	5	174300	826.5	DFT-s-OFDM 64 QAM	12@6	20.84	16.19	0.0416
26	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@1	20.93	16.28	0.0425
26	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@23	20.89	16.24	0.0421
26	15	5	174300	826.5	DFT-s-OFDM 256 QAM	12@6	18.71	14.06	0.0255
26	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@1	18.55	13.9	0.0245
26	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@23	18.54	13.89	0.0245
26	15	5	174300	826.5	CP-OFDM QPSK	13@6	21.81	17.16	0.0520
26	15	5	174300	826.5	CP-OFDM QPSK	1@1	21.94	17.29	0.0536
26	15	5	174300	826.5	CP-OFDM QPSK	1@23	21.52	16.87	0.0486
26	15	5	176300	836.5	DFT-s-OFDM QPSK	12@6	23.28	18.63	0.0729
26	15	5	176300	836.5	DFT-s-OFDM QPSK	1@1	23.25	18.6	0.0724
26	15	5	176300	836.5	DFT-s-OFDM QPSK	1@23	23.36	18.71	0.0743
26	15	5	176300	836.5	DFT-s-OFDM 16 QAM	12@6	22.22	17.57	0.0571
26	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.37	17.72	0.0592
26	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@23	22.44	17.79	0.0601
26	15	5	176300	836.5	DFT-s-OFDM 64 QAM	12@6	20.81	16.16	0.0413
26	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.88	16.23	0.0420
26	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@23	20.93	16.28	0.0425
26	15	5	176300	836.5	DFT-s-OFDM 256 QAM	12@6	18.78	14.13	0.0259
26	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.51	13.86	0.0243
26	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@23	18.56	13.91	0.0246
26	15	5	176300	836.5	CP-OFDM	13@6	21.79	17.14	0.0518

					QPSK				
26	15	5	176300	836.5	CP-OFDM QPSK	1@1	21.87	17.22	0.0527
26	15	5	176300	836.5	CP-OFDM QPSK	1@23	21.67	17.02	0.0504
26	15	5	178300	846.5	DFT-s-OFDM QPSK	12@6	23.39	18.74	0.0748
26	15	5	178300	846.5	DFT-s-OFDM QPSK	1@1	23.23	18.58	0.0721
26	15	5	178300	846.5	DFT-s-OFDM QPSK	1@23	23.35	18.7	0.0741
26	15	5	178300	846.5	DFT-s-OFDM 16 QAM	12@6	22.26	17.61	0.0577
26	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@1	22.41	17.76	0.0597
26	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@23	22.42	17.77	0.0598
26	15	5	178300	846.5	DFT-s-OFDM 64 QAM	12@6	20.9	16.25	0.0422
26	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@1	20.84	16.19	0.0416
26	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@23	20.96	16.31	0.0428
26	15	5	178300	846.5	DFT-s-OFDM 256 QAM	12@6	18.75	14.1	0.0257
26	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@1	18.58	13.93	0.0247
26	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@23	18.55	13.9	0.0245
26	15	5	178300	846.5	CP-OFDM QPSK	13@6	21.92	17.27	0.0533
26	15	5	178300	846.5	CP-OFDM QPSK	1@1	21.64	16.99	0.0500
26	15	5	178300	846.5	CP-OFDM QPSK	1@23	21.66	17.01	0.0502
26	15	10	174800	829	DFT-s-OFDM QPSK	25@12	23.34	18.69	0.0740
26	15	10	174800	829	DFT-s-OFDM QPSK	1@1	23.3	18.65	0.0733
26	15	10	174800	829	DFT-s-OFDM QPSK	1@50	23.29	18.64	0.0731
26	15	10	174800	829	DFT-s-OFDM 16 QAM	25@12	22.37	17.72	0.0592
26	15	10	174800	829	DFT-s-OFDM 16 QAM	1@1	22.45	17.8	0.0603
26	15	10	174800	829	DFT-s-OFDM 16 QAM	1@50	22.4	17.75	0.0596
26	15	10	174800	829	DFT-s-OFDM 64 QAM	25@12	21.04	16.39	0.0436
26	15	10	174800	829	DFT-s-OFDM 64 QAM	1@1	20.93	16.28	0.0425
26	15	10	174800	829	DFT-s-OFDM 64 QAM	1@50	20.9	16.25	0.0422
26	15	10	174800	829	DFT-s-OFDM 256 QAM	25@12	18.8	14.15	0.0260
26	15	10	174800	829	DFT-s-OFDM 256 QAM	1@1	18.53	13.88	0.0244
26	15	10	174800	829	DFT-s-OFDM 256 QAM	1@50	18.47	13.82	0.0241
26	15	10	174800	829	CP-OFDM QPSK	26@13	21.83	17.18	0.0522
26	15	10	174800	829	CP-OFDM QPSK	1@1	21.96	17.31	0.0538
26	15	10	174800	829	CP-OFDM QPSK	1@50	21.64	16.99	0.0500
26	15	10	176300	836.5	DFT-s-OFDM QPSK	25@12	23.38	18.73	0.0746

26	15	10	176300	836.5	DFT-s-OFDM QPSK	1@1	23.29	18.64	0.0731
26	15	10	176300	836.5	DFT-s-OFDM QPSK	1@50	23.34	18.69	0.0740
26	15	10	176300	836.5	DFT-s-OFDM 16 QAM	25@12	22.36	17.71	0.0590
26	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.38	17.73	0.0593
26	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@50	22.42	17.77	0.0598
26	15	10	176300	836.5	DFT-s-OFDM 64 QAM	25@12	20.95	16.3	0.0427
26	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.87	16.22	0.0419
26	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@50	20.91	16.26	0.0423
26	15	10	176300	836.5	DFT-s-OFDM 256 QAM	25@12	18.78	14.13	0.0259
26	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.53	13.88	0.0244
26	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@50	18.51	13.86	0.0243
26	15	10	176300	836.5	CP-OFDM QPSK	26@13	21.84	17.19	0.0524
26	15	10	176300	836.5	CP-OFDM QPSK	1@1	21.85	17.2	0.0525
26	15	10	176300	836.5	CP-OFDM QPSK	1@50	21.66	17.01	0.0502
26	15	10	177800	844	DFT-s-OFDM QPSK	25@12	23.3	18.65	0.0733
26	15	10	177800	844	DFT-s-OFDM QPSK	1@1	23.21	18.56	0.0718
26	15	10	177800	844	DFT-s-OFDM QPSK	1@50	23.33	18.68	0.0738
26	15	10	177800	844	DFT-s-OFDM 16 QAM	25@12	22.36	17.71	0.0590
26	15	10	177800	844	DFT-s-OFDM 16 QAM	1@1	22.36	17.71	0.0590
26	15	10	177800	844	DFT-s-OFDM 16 QAM	1@50	22.42	17.77	0.0598
26	15	10	177800	844	DFT-s-OFDM 64 QAM	25@12	20.96	16.31	0.0428
26	15	10	177800	844	DFT-s-OFDM 64 QAM	1@1	20.86	16.21	0.0418
26	15	10	177800	844	DFT-s-OFDM 64 QAM	1@50	20.92	16.27	0.0424
26	15	10	177800	844	DFT-s-OFDM 256 QAM	25@12	18.79	14.14	0.0259
26	15	10	177800	844	DFT-s-OFDM 256 QAM	1@1	18.51	13.86	0.0243
26	15	10	177800	844	DFT-s-OFDM 256 QAM	1@50	18.58	13.93	0.0247
26	15	10	177800	844	CP-OFDM QPSK	26@13	21.91	17.26	0.0532
26	15	10	177800	844	CP-OFDM QPSK	1@1	21.82	17.17	0.0521
26	15	10	177800	844	CP-OFDM QPSK	1@50	21.7	17.05	0.0507
26	15	15	175300	831.5	DFT-s-OFDM QPSK	36@18	23.37	18.72	0.0745
26	15	15	175300	831.5	DFT-s-OFDM QPSK	1@1	23.53	18.88	0.0773
26	15	15	175300	831.5	DFT-s-OFDM QPSK	1@77	23.39	18.74	0.0748
26	15	15	175300	831.5	DFT-s-OFDM 16 QAM	36@18	22.42	17.77	0.0598
26	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@1	22.6	17.95	0.0624



26	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@77	22.5	17.85	0.0610
26	15	15	175300	831.5	DFT-s-OFDM 64 QAM	36@18	20.99	16.34	0.0431
26	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@1	21.13	16.48	0.0445
26	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@77	21.01	16.36	0.0433
26	15	15	175300	831.5	DFT-s-OFDM 256 QAM	36@18	18.82	14.17	0.0261
26	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@1	18.81	14.16	0.0261
26	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@77	18.7	14.05	0.0254
26	15	15	175300	831.5	CP-OFDM QPSK	39@19	21.89	17.24	0.0530
26	15	15	175300	831.5	CP-OFDM QPSK	1@1	21.84	17.19	0.0524
26	15	15	175300	831.5	CP-OFDM QPSK	1@77	21.91	17.26	0.0532
26	15	15	176300	836.5	DFT-s-OFDM QPSK	36@18	23.36	18.71	0.0743
26	15	15	176300	836.5	DFT-s-OFDM QPSK	1@1	23.45	18.8	0.0759
26	15	15	176300	836.5	DFT-s-OFDM QPSK	1@77	23.39	18.74	0.0748
26	15	15	176300	836.5	DFT-s-OFDM 16 QAM	36@18	22.32	17.67	0.0585
26	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.55	17.9	0.0617
26	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@77	22.54	17.89	0.0615
26	15	15	176300	836.5	DFT-s-OFDM 64 QAM	36@18	20.85	16.2	0.0417
26	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@1	20.99	16.34	0.0431
26	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@77	21	16.35	0.0432
26	15	15	176300	836.5	DFT-s-OFDM 256 QAM	36@18	18.76	14.11	0.0258
26	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.74	14.09	0.0256
26	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@77	18.71	14.06	0.0255
26	15	15	176300	836.5	CP-OFDM QPSK	39@19	21.95	17.3	0.0537
26	15	15	176300	836.5	CP-OFDM QPSK	1@1	21.7	17.05	0.0507
26	15	15	176300	836.5	CP-OFDM QPSK	1@77	21.88	17.23	0.0528
26	15	15	177300	841.5	DFT-s-OFDM QPSK	36@18	23.35	18.7	0.0741
26	15	15	177300	841.5	DFT-s-OFDM QPSK	1@1	23.31	18.66	0.0735
26	15	15	177300	841.5	DFT-s-OFDM QPSK	1@77	23.48	18.83	0.0764
26	15	15	177300	841.5	DFT-s-OFDM 16 QAM	36@18	22.42	17.77	0.0598
26	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@1	22.43	17.78	0.0600
26	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@77	22.56	17.91	0.0618
26	15	15	177300	841.5	DFT-s-OFDM 64 QAM	36@18	20.92	16.27	0.0424
26	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@1	20.91	16.26	0.0423
26	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@77	20.98	16.33	0.0430

26	15	15	177300	841.5	DFT-s-OFDM 256 QAM	36@18	18.81	14.16	0.0261
26	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@1	18.61	13.96	0.0249
26	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@77	18.76	14.11	0.0258
26	15	15	177300	841.5	CP-OFDM QPSK	39@19	21.92	17.27	0.0533
26	15	15	177300	841.5	CP-OFDM QPSK	1@1	21.91	17.26	0.0532
26	15	15	177300	841.5	CP-OFDM QPSK	1@77	21.8	17.15	0.0519
26	15	20	175800	834	DFT-s-OFDM QPSK	50@25	23.35	18.7	0.0741
26	15	20	175800	834	DFT-s-OFDM QPSK	1@1	23.51	18.86	0.0769
26	15	20	175800	834	DFT-s-OFDM QPSK	1@104	23.38	18.73	0.0746
26	15	20	175800	834	DFT-s-OFDM 16 QAM	50@25	22.36	17.71	0.0590
26	15	20	175800	834	DFT-s-OFDM 16 QAM	1@1	22.62	17.97	0.0627
26	15	20	175800	834	DFT-s-OFDM 16 QAM	1@104	22.49	17.84	0.0608
26	15	20	175800	834	DFT-s-OFDM 64 QAM	50@25	20.95	16.3	0.0427
26	15	20	175800	834	DFT-s-OFDM 64 QAM	1@1	21.13	16.48	0.0445
26	15	20	175800	834	DFT-s-OFDM 64 QAM	1@104	20.96	16.31	0.0428
26	15	20	175800	834	DFT-s-OFDM 256 QAM	50@25	18.82	14.17	0.0261
26	15	20	175800	834	DFT-s-OFDM 256 QAM	1@1	18.71	14.06	0.0255
26	15	20	175800	834	DFT-s-OFDM 256 QAM	1@104	18.66	14.01	0.0252
26	15	20	175800	834	CP-OFDM QPSK	53@26	21.86	17.21	0.0526
26	15	20	175800	834	CP-OFDM QPSK	1@1	22.11	17.46	0.0557
26	15	20	175800	834	CP-OFDM QPSK	1@104	21.69	17.04	0.0506
26	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.33	18.68	0.0738
26	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.46	18.81	0.0760
26	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	23.35	18.7	0.0741
26	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.31	17.66	0.0583
26	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.62	17.97	0.0627
26	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	22.47	17.82	0.0605
26	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	20.89	16.24	0.0421
26	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.06	16.41	0.0438
26	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	20.94	16.29	0.0426
26	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	18.78	14.13	0.0259
26	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.73	14.08	0.0256
26	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	18.67	14.02	0.0252
26	15	20	176300	836.5	CP-OFDM QPSK	53@26	21.87	17.22	0.0527

26	15	20	176300	836.5	CP-OFDM QPSK	1@1	22.07	17.42	0.0552
26	15	20	176300	836.5	CP-OFDM QPSK	1@104	21.65	17	0.0501
26	15	20	176800	839	DFT-s-OFDM QPSK	50@25	23.4	18.75	0.0750
26	15	20	176800	839	DFT-s-OFDM QPSK	1@1	23.56	18.91	0.0778
26	15	20	176800	839	DFT-s-OFDM QPSK	1@104	23.36	18.71	0.0743
26	15	20	176800	839	DFT-s-OFDM 16 QAM	50@25	22.32	17.67	0.0585
26	15	20	176800	839	DFT-s-OFDM 16 QAM	1@1	22.52	17.87	0.0612
26	15	20	176800	839	DFT-s-OFDM 16 QAM	1@104	22.46	17.81	0.0604
26	15	20	176800	839	DFT-s-OFDM 64 QAM	50@25	20.89	16.24	0.0421
26	15	20	176800	839	DFT-s-OFDM 64 QAM	1@1	20.95	16.3	0.0427
26	15	20	176800	839	DFT-s-OFDM 64 QAM	1@104	20.97	16.32	0.0429
26	15	20	176800	839	DFT-s-OFDM 256 QAM	50@25	18.83	14.18	0.0262
26	15	20	176800	839	DFT-s-OFDM 256 QAM	1@1	18.67	14.02	0.0252
26	15	20	176800	839	DFT-s-OFDM 256 QAM	1@104	18.63	13.98	0.0250
26	15	20	176800	839	CP-OFDM QPSK	53@26	21.91	17.26	0.0532
26	15	20	176800	839	CP-OFDM QPSK	1@1	22.03	17.38	0.0547
26	15	20	176800	839	CP-OFDM QPSK	1@104	21.69	17.04	0.0506

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.01052	PASS	NV
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00393	PASS	LV
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00722	PASS	HV
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00554	PASS	-30°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00358	PASS	-20°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00544	PASS	-10°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00643	PASS	0°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00427	PASS	10°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00678	PASS	20°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00179	PASS	30°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00431	PASS	40°C
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	-0.00261	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	5.95	13	PASS
26	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	6.45	13	PASS
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	5.81	13	PASS
26	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	6.26	13	PASS
26	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	5.68	13	PASS
26	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	6.3	13	PASS

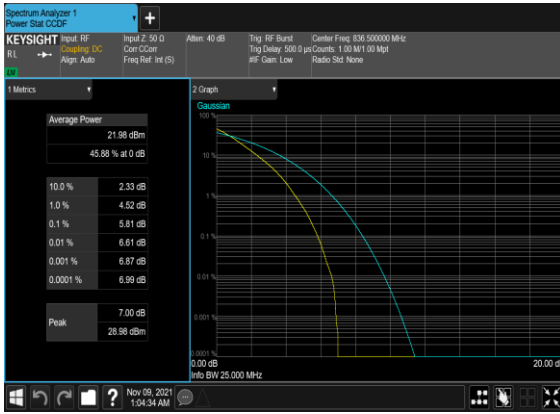
N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



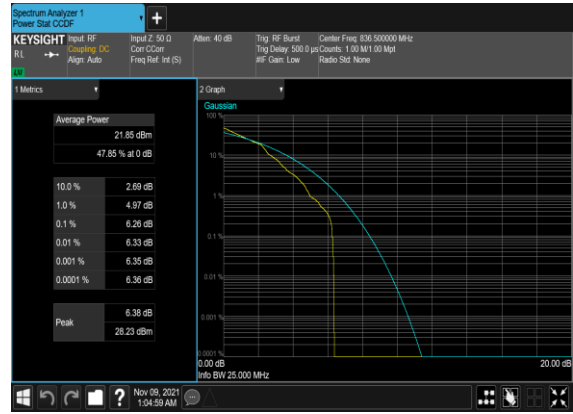
N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



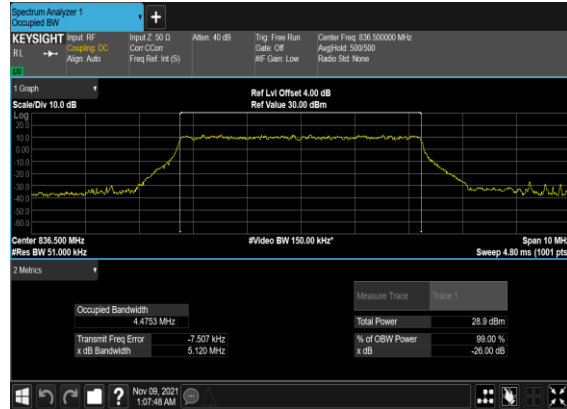
N26(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



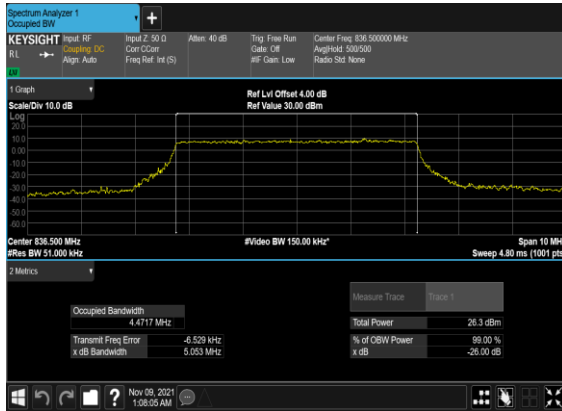
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
26	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.4753	5.12
26	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4717	5.053
26	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4997	5.087
26	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4645	4.994
26	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4841	5.052
26	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.9237	9.647
26	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.2768	10.09
26	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.2888	9.993
26	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.2657	9.959
26	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.2782	10.07
26	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.427	14.24
26	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.088	14.97
26	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.083	14.97
26	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.102	14.9
26	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.071	15.05
26	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.847	18.82
26	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.885	19.89
26	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.92	20.02
26	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.883	19.84
26	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.914	19.86

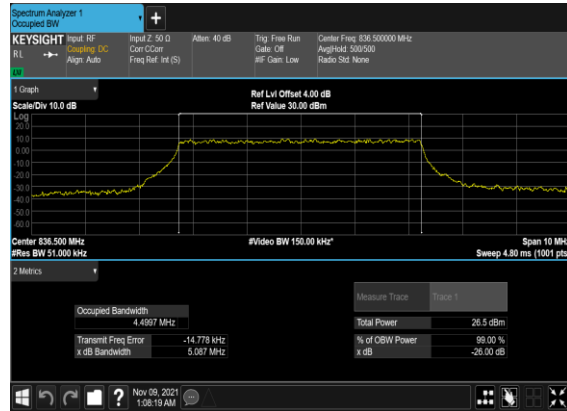
## N26(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



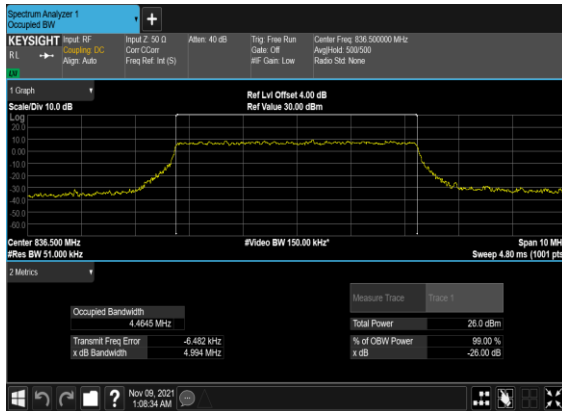
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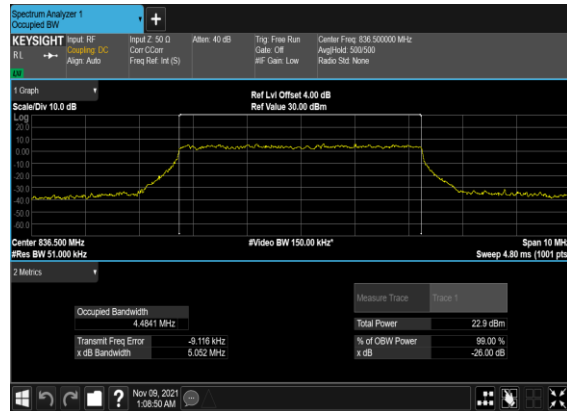
## N26(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



## N26(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

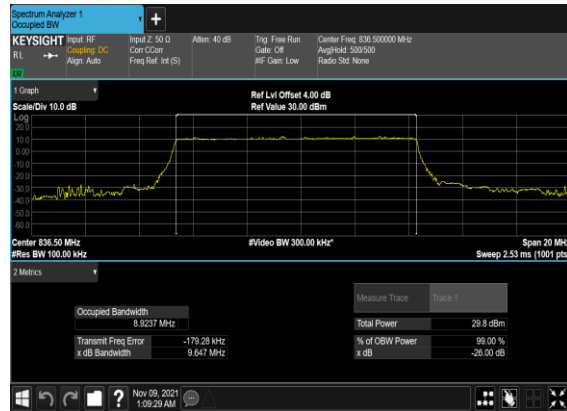


## N26(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

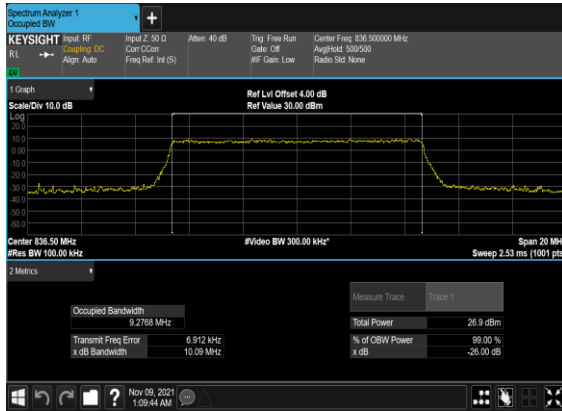




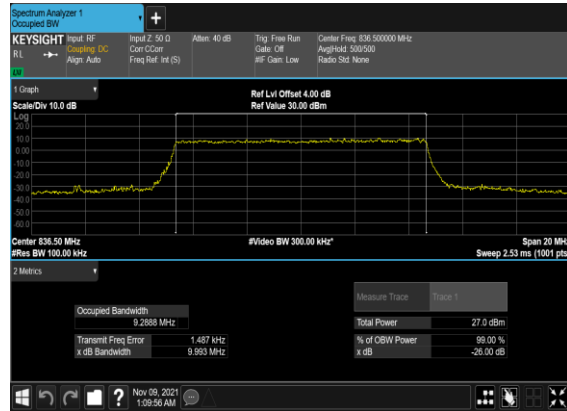
## N26(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



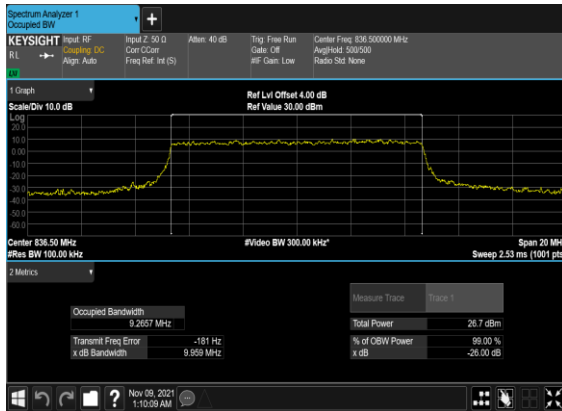
## N26(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



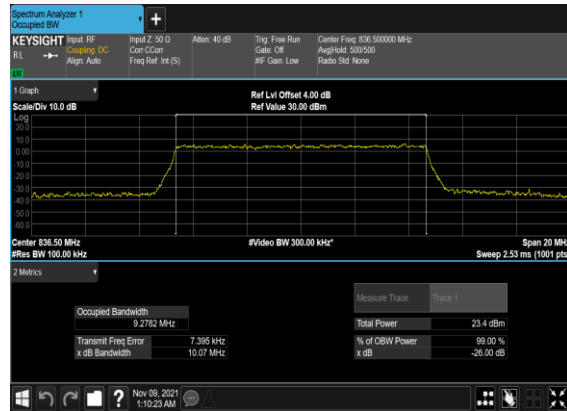
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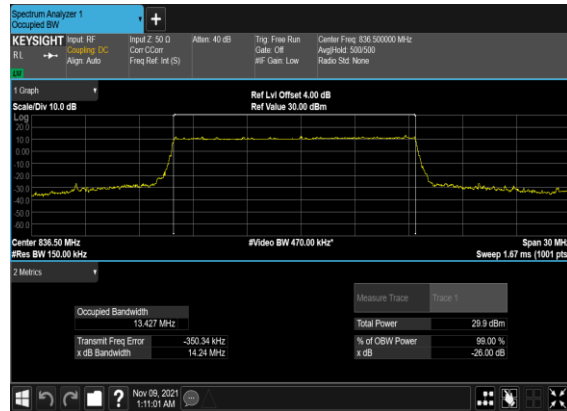
## N26(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



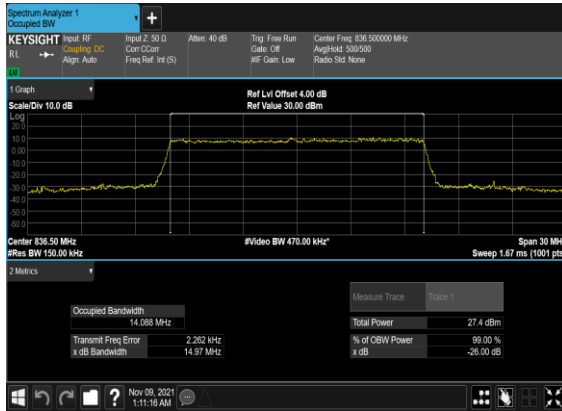
## N26(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



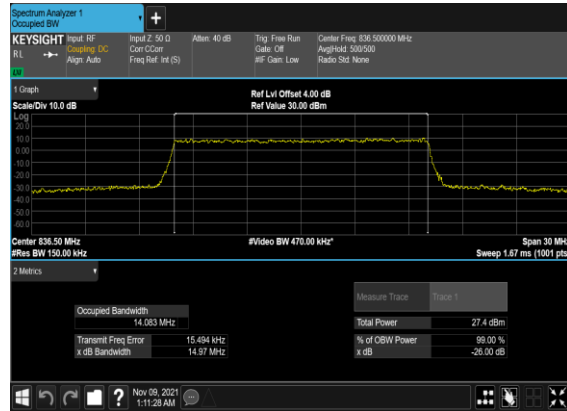
## N26(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



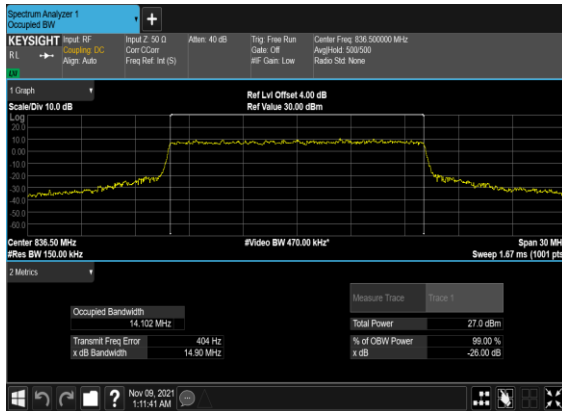
## N26(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



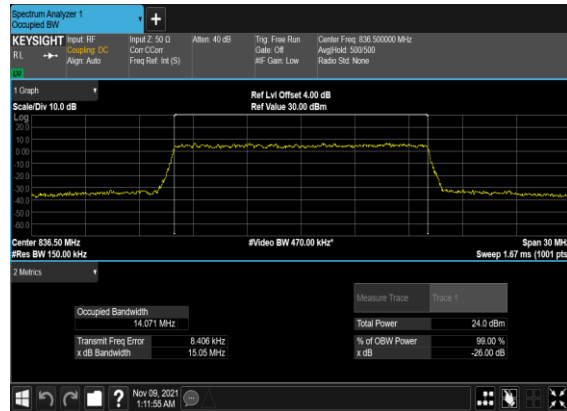
## N26(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



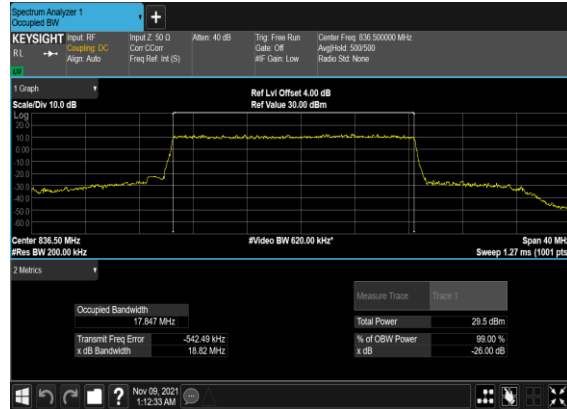
## N26(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



## N26(15M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



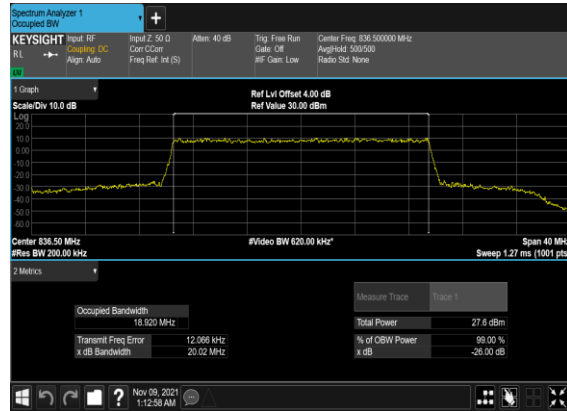
## N26(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



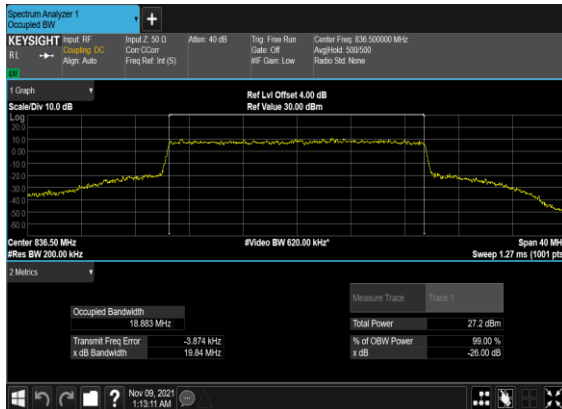
## N26(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



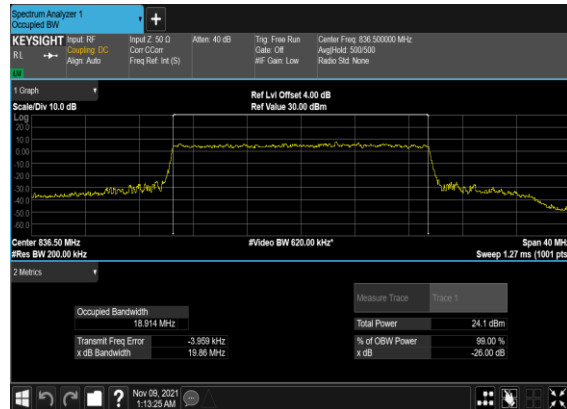
## N26(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



## N26(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



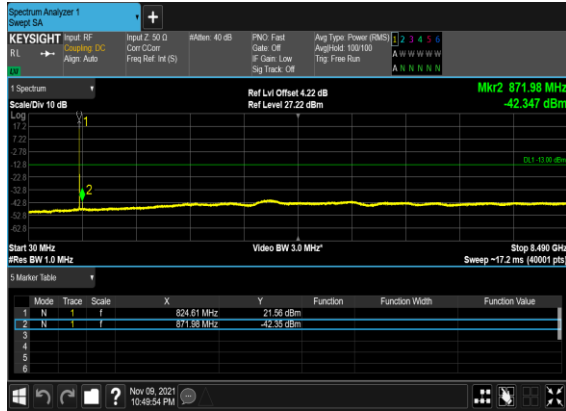
## N26(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



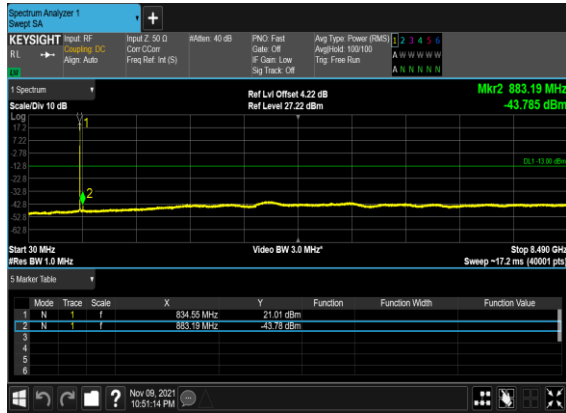
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
26	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

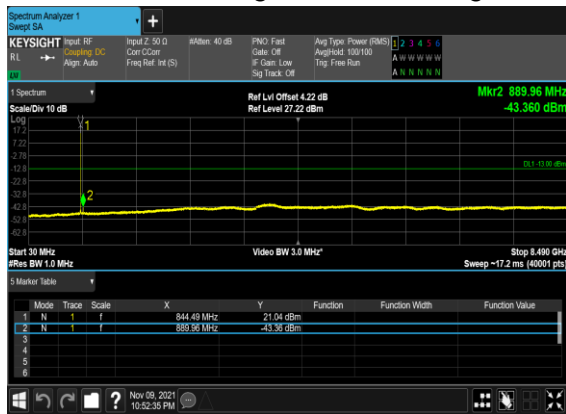
## N26(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



## N26(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



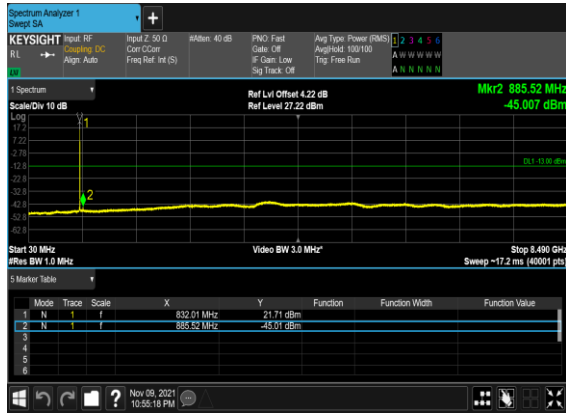
## N26(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



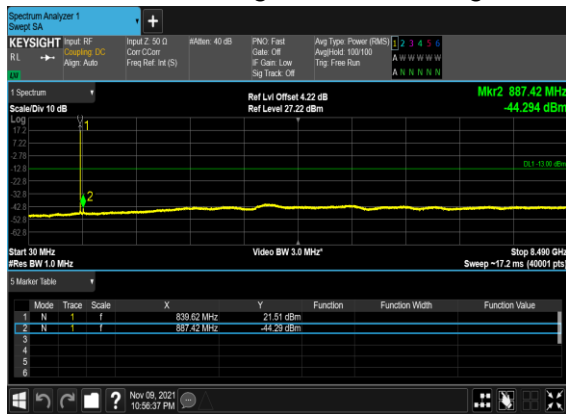
## N26(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



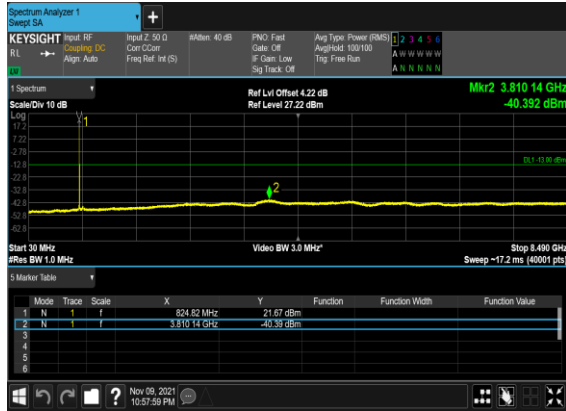
## N26(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



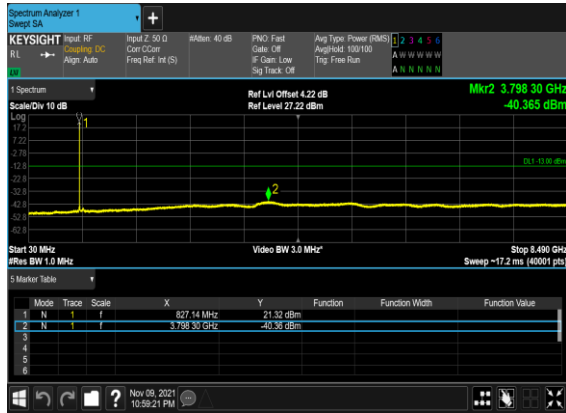
## N26(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



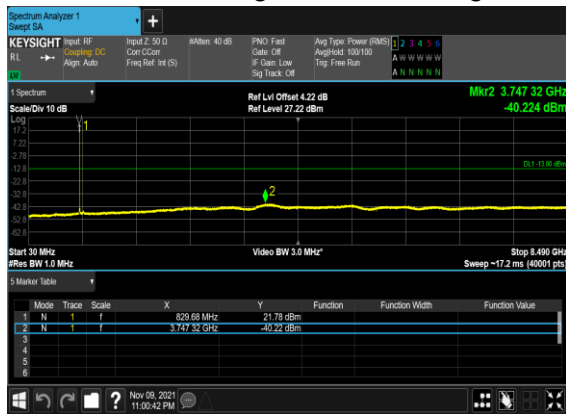
## N26(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



## N26(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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

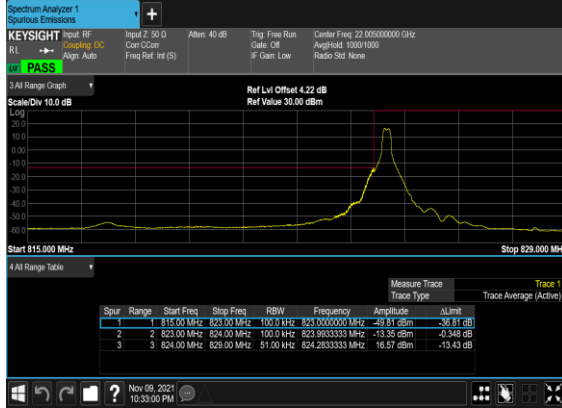


## Conducted Band Edge

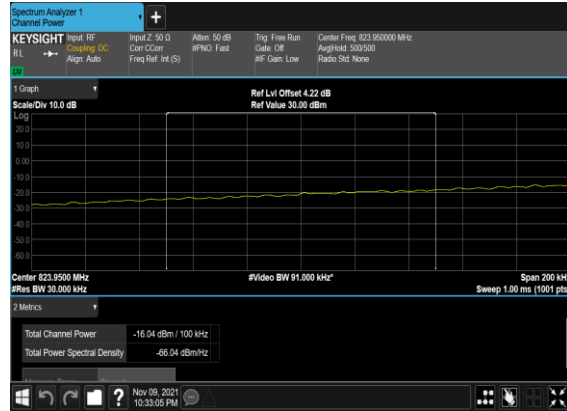
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	174300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	5	178300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
26	15	5	178300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	174800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	10	177800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
26	15	10	177800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
26	15	20	176800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
26	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



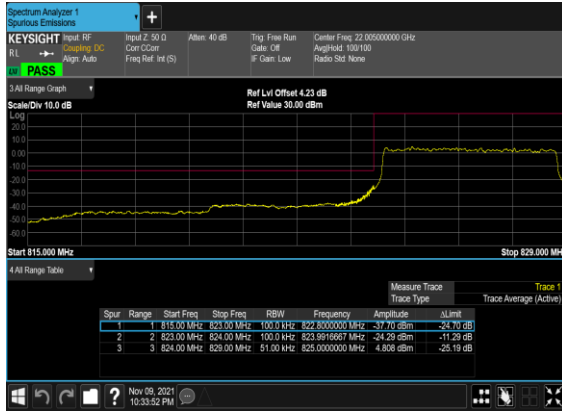
### N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



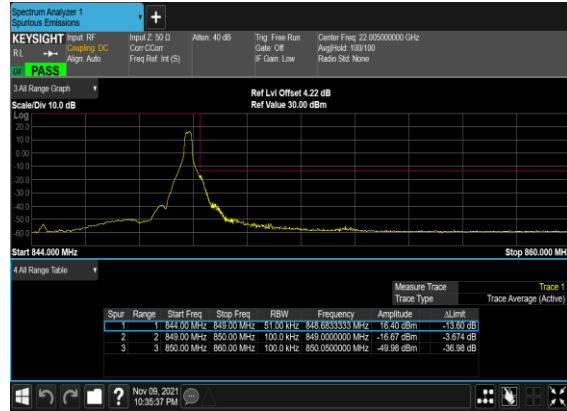
### N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



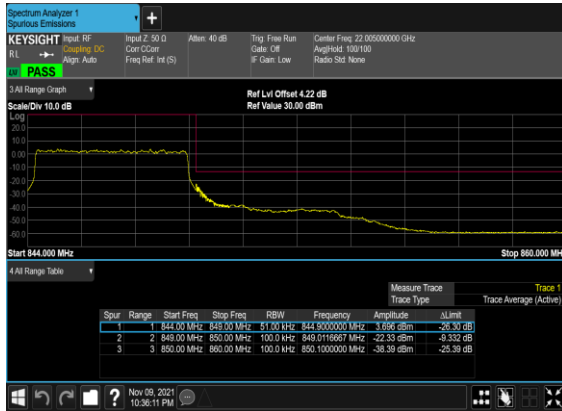
### N26(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



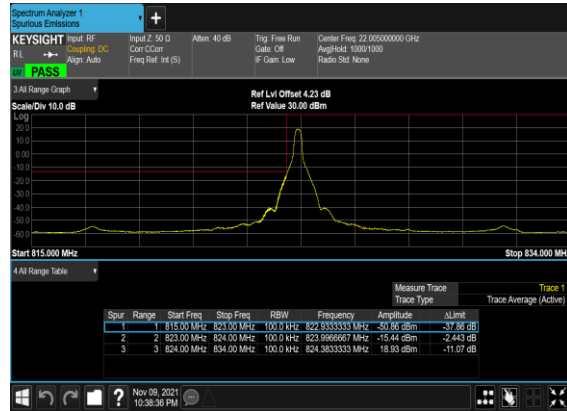
### N26(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



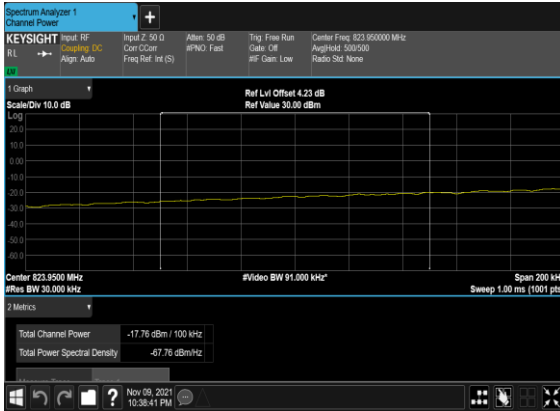
### N26(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N26(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N26(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_PASS



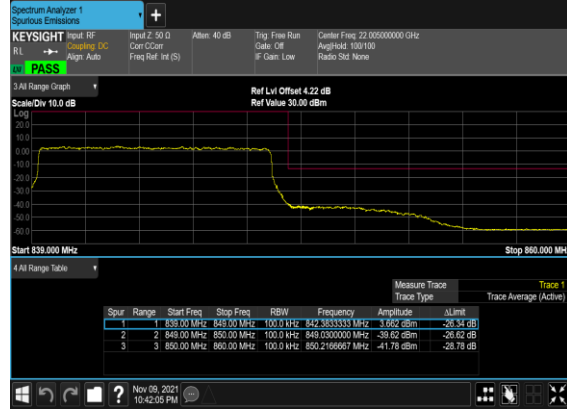
### N26(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



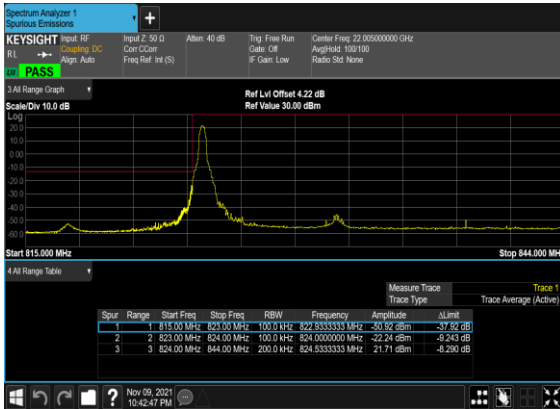
### N26(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



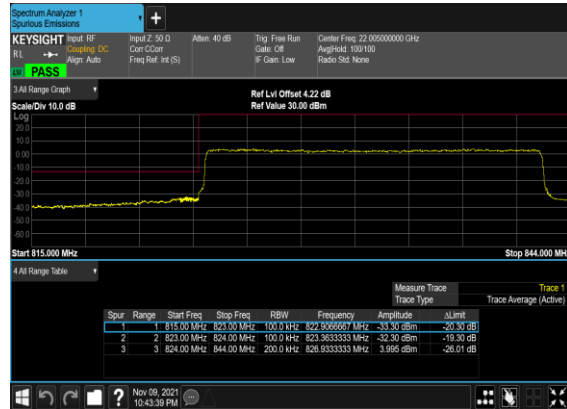
### N26(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



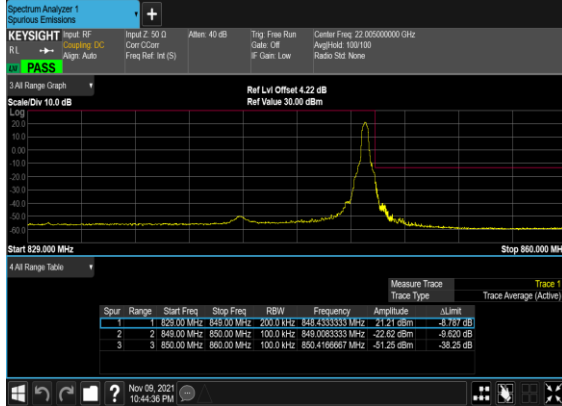
### N26(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



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



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





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Test Engineer :	Xiaoshi Tan	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

EN-DC 7A_n5A / LTE 10MHz + NR 20MHz / QPSK / Ant. 1									
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 Middle	1673	-67.40	-25	-42.40	-73.48	-70.65	4.00	9.40	H
	2509.5	-63.94	-25	-38.94	-74.09	-67.51	4.88	10.60	H
	3346	-63.86	-25	-38.86	-75.69	-68.79	5.52	12.60	H
	1673	-67.77	-25	-42.77	-73.58	-71.02	4.00	9.40	V
	2509.5	-64.10	-25	-39.10	-74.58	-67.67	4.88	10.60	V
	3346	-63.70	-25	-38.70	-75.91	-68.63	5.52	12.60	V
LTE Band7 Middle	5052.18	-60.27	-25	-35.27	-77.69	-65.83	7.14	12.70	H
	7578.27	-55.22	-25	-30.22	-77.38	-58.52	8.30	11.60	H
	10104.36	-52.89	-25	-27.89	-79.78	-54.41	10.48	12.00	H
	5052.18	-60.40	-25	-35.40	-77.75	-65.96	7.14	12.70	V
	7578.27	-55.90	-25	-30.90	-77.86	-59.20	8.30	11.60	V
	10104.36	-53.36	-25	-28.36	-79.76	-54.88	10.48	12.00	V

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

5G NR n12 / NR 15MHz / QPSK / Ant. 1									
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	1415	-64.54	-13	-51.54	-72.40	-67.79	4.00	9.40	H
	2122.5	-65.45	-13	-52.45	-75.34	-69.02	4.88	10.60	H
	2830	-62.65	-13	-49.65	-74.54	-67.58	5.52	12.60	H
	1415	-64.54	-13	-51.54	-72.48	-67.79	4.00	9.40	V
	2122.5	-65.67	-13	-52.67	-75.93	-69.24	4.88	10.60	V
	2830	-62.74	-13	-49.74	-74.89	-67.67	5.52	12.60	V

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



5G NR n13 / NR 5MHz / QPSK / Ant. 1									
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	-67.06	-42.15	-24.91	-73.64	-70.31	4.00	9.40	H
	2346	-64.21	-13	-51.21	-74.86	-67.78	4.88	10.60	H
	3128	-62.86	-13	-49.86	-75.58	-67.79	5.52	12.60	H
	1564	-66.37	-42.15	-24.22	-73.16	-69.62	4.00	9.40	V
	2346	-64.00	-13	-51.00	-75.05	-67.57	4.88	10.60	V
	3128	-62.51	-13	-49.51	-75.76	-67.44	5.52	12.60	V

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

5G NR n25 / NR 40MHz / QPSK / Ant. 4									
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	3765	-62.19	-13	-49.19	-76.67	-68.94	5.85	12.60	H
	5647.5	-61.73	-13	-48.73	-78.64	-67.53	7.30	13.10	H
	7530	-55.93	-13	-42.93	-78.20	-59.08	8.35	11.50	H
	3765	-62.16	-13	-49.16	-76.81	-68.91	5.85	12.60	V
	5647.5	-61.78	-13	-48.78	-78.59	-67.58	7.30	13.10	V
	7530	-55.92	-13	-42.92	-78.06	-59.07	8.35	11.50	V

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

5G NR n26 / NR 20MHz / QPSK / Ant. 1									
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	1673	-67.55	-13	-54.55	-73.63	-70.80	4.00	9.40	H
	2509.5	-65.20	-13	-52.20	-75.35	-68.77	4.88	10.60	H
	3346	-63.44	-13	-50.44	-75.27	-68.37	5.52	12.60	H
	1673	-68.14	-13	-55.14	-73.95	-71.39	4.00	9.40	V
	2509.5	-64.62	-13	-51.62	-75.10	-68.19	4.88	10.60	V
	3346	-63.00	-13	-50.00	-75.21	-67.93	5.52	12.60	V

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