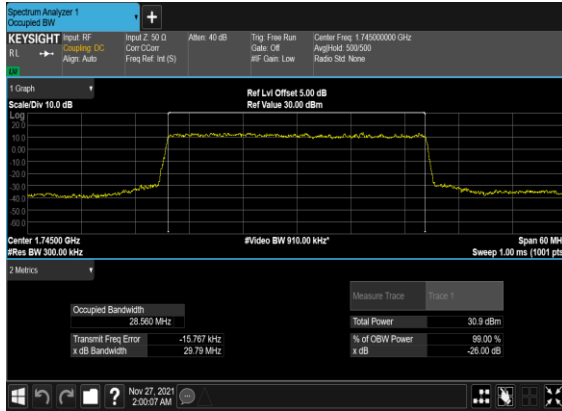
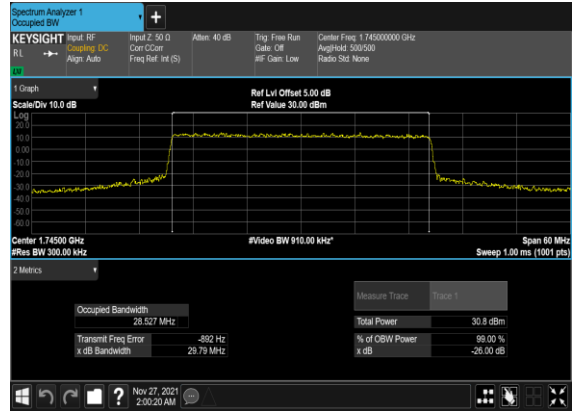


### B2\_N66(30M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N66(30M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



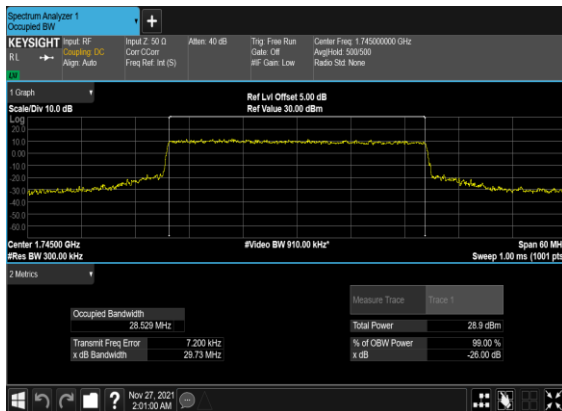
### B2\_N66(30M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



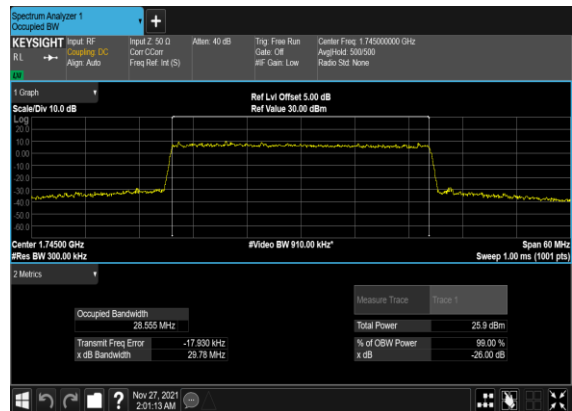
### B2\_N66(30M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



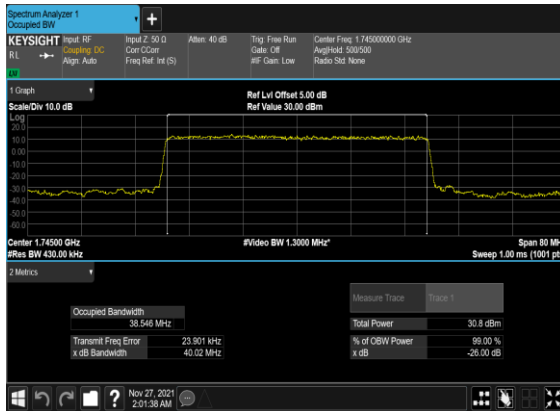
### B2\_N66(30M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



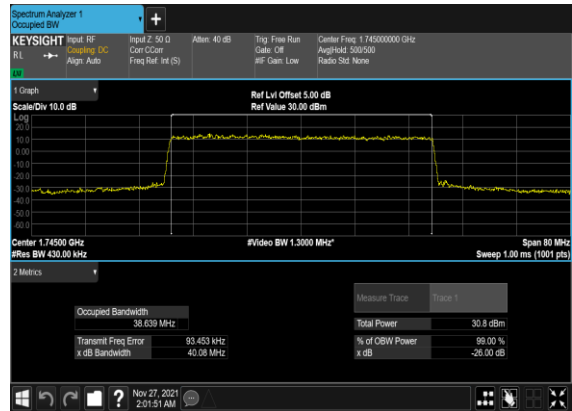
### B2\_N66(30M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



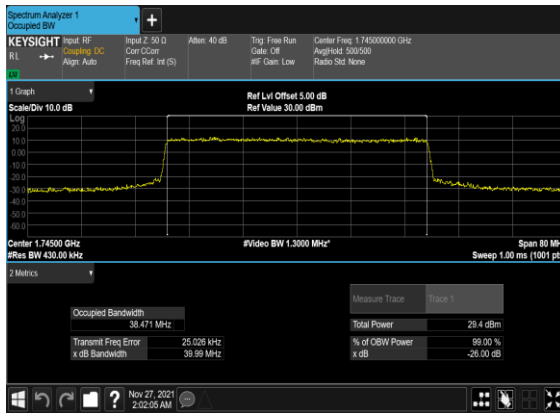
B2\_N66(40M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B2\_N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



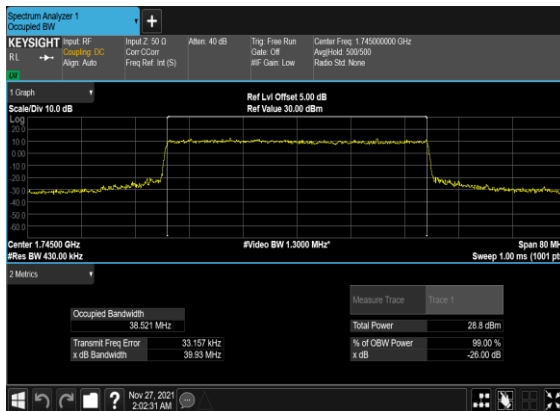
B2\_N66(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



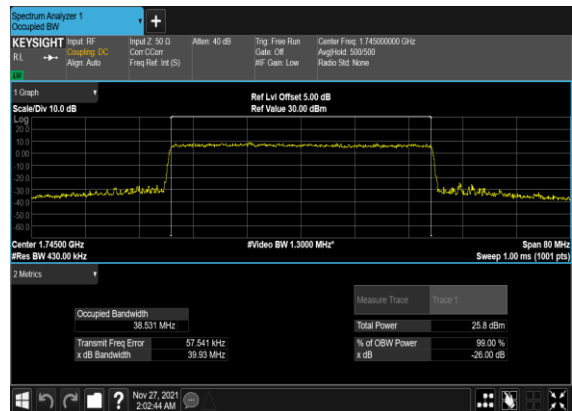
B2\_N66(40M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B2\_N66(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B2\_N66(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

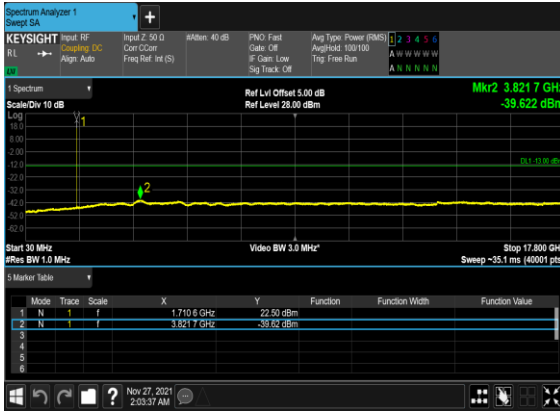


## Conducted Spurious Emissions

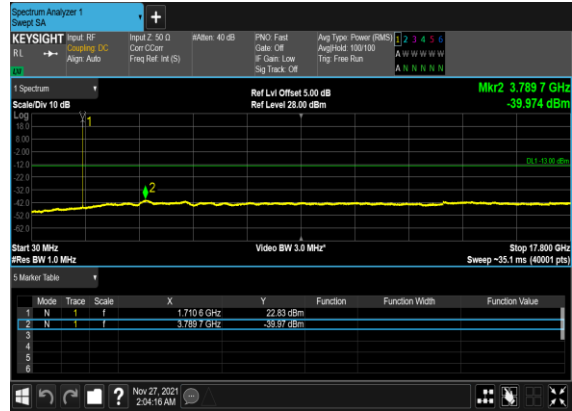
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>

66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

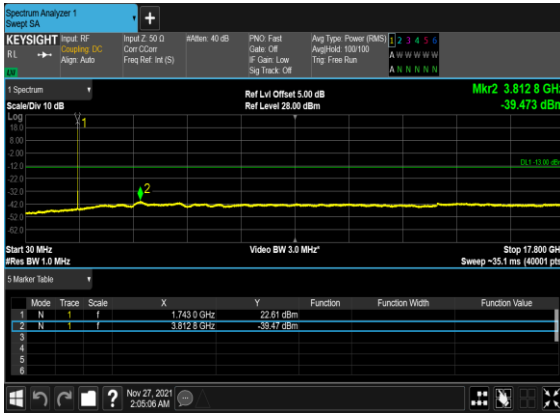
### B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



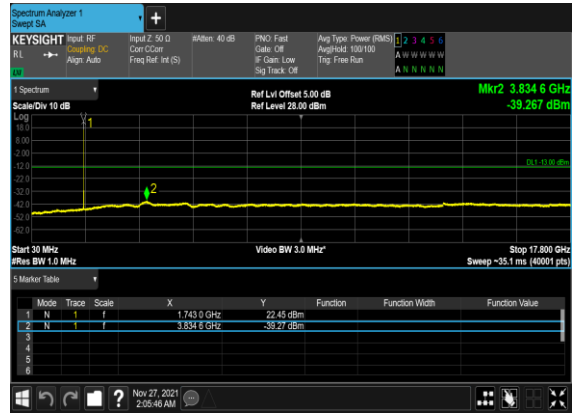
### B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



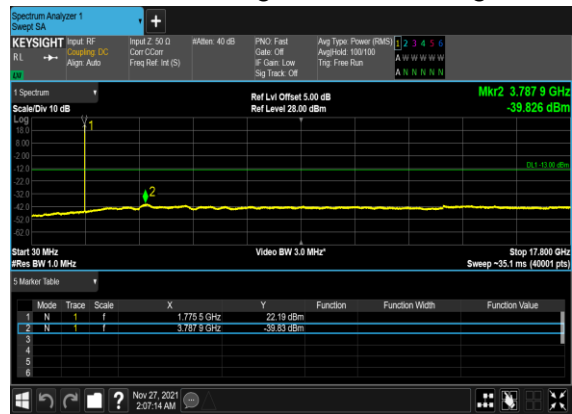
### B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



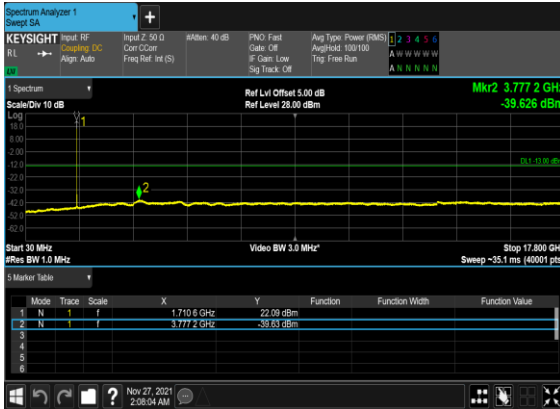
### B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



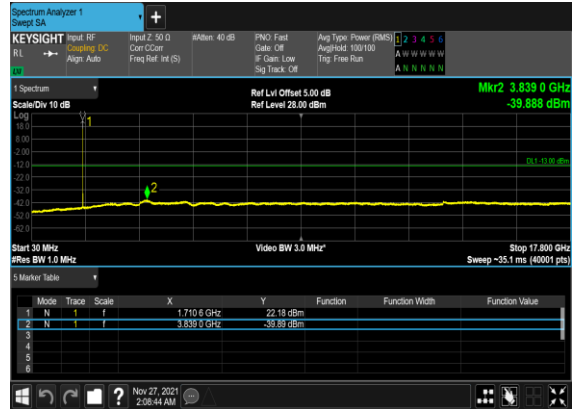
### B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



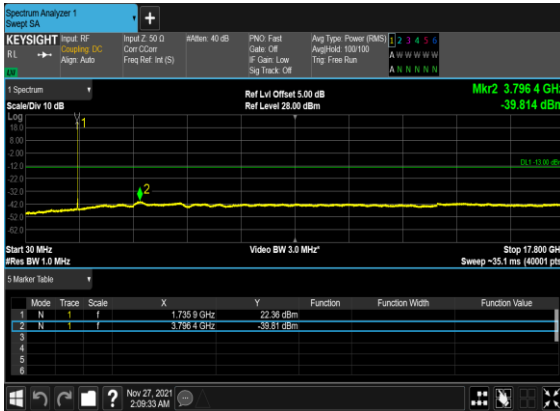
### B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



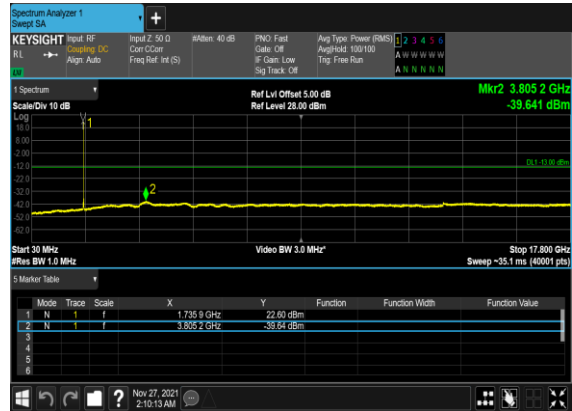
### B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



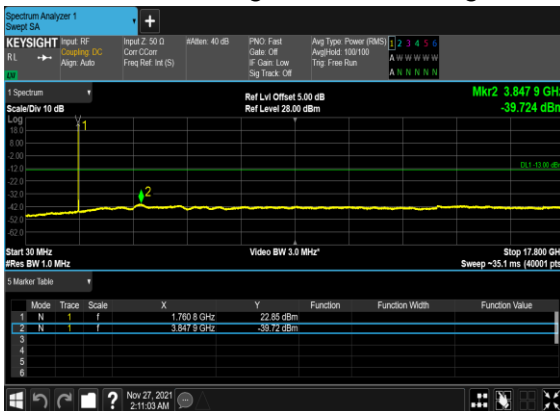
### B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



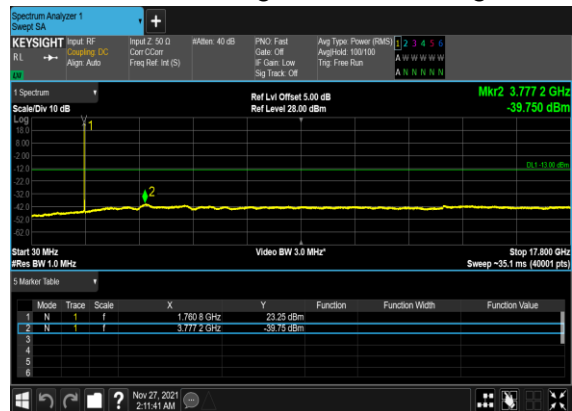
### B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



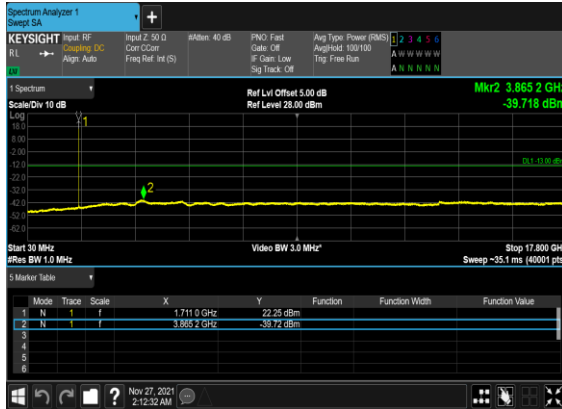
### B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



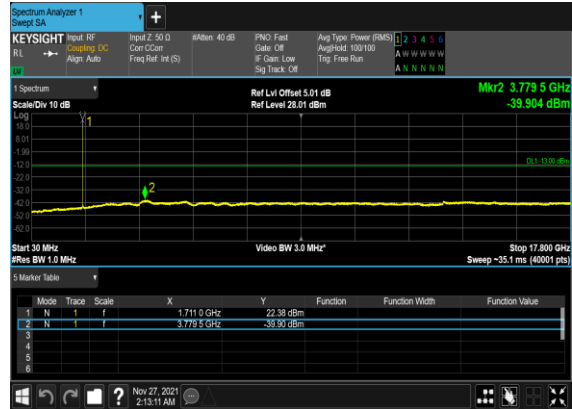
### B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



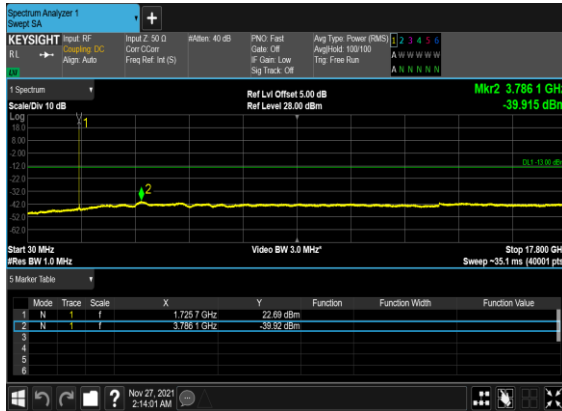
B2\_N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



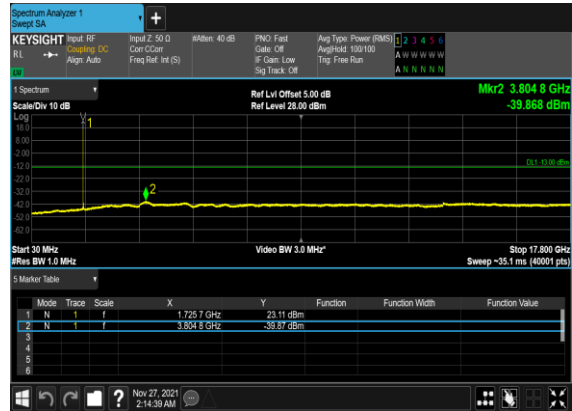
B2\_N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



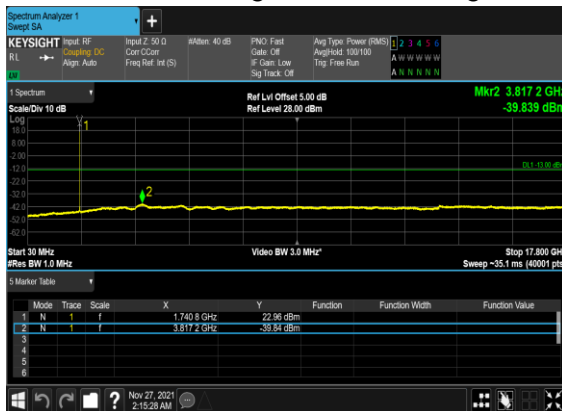
B2\_N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



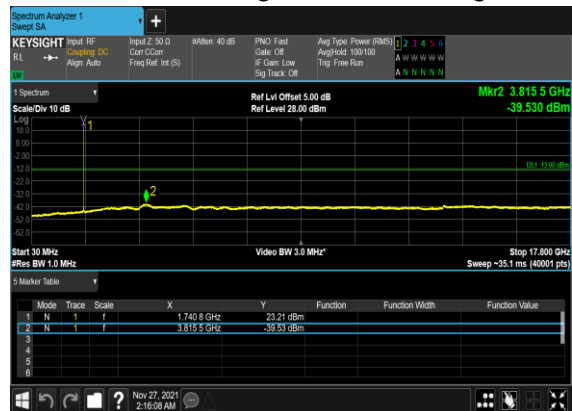
B2\_N66(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B2\_N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B2\_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	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS

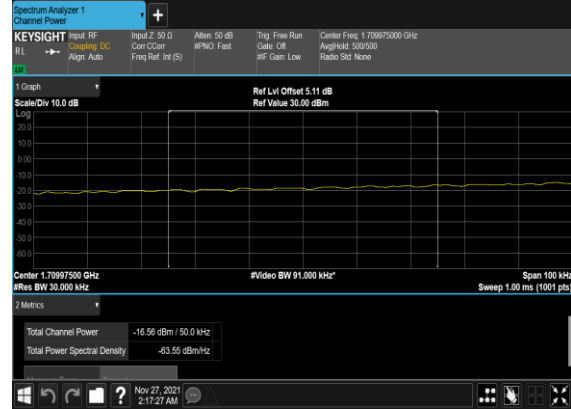


<b>66</b>	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	<b>PASS</b>
<b>66</b>	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	<b>PASS</b>

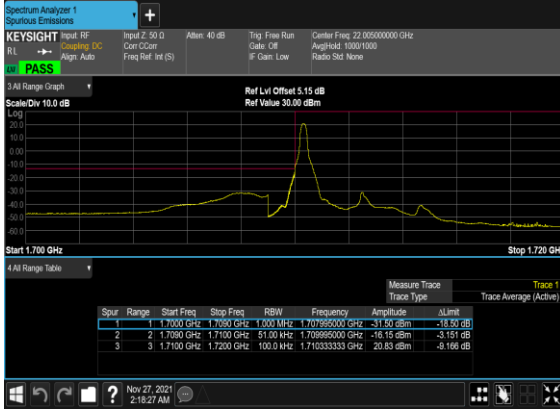
B2\_N66(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



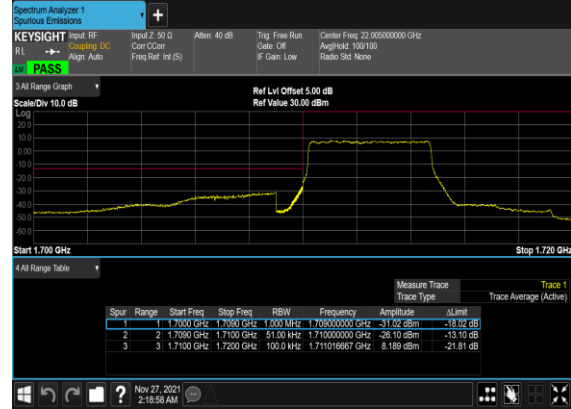
B2\_N66(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA  
SS



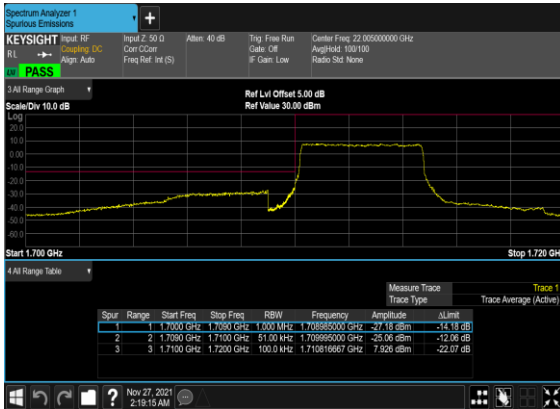
B2\_N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



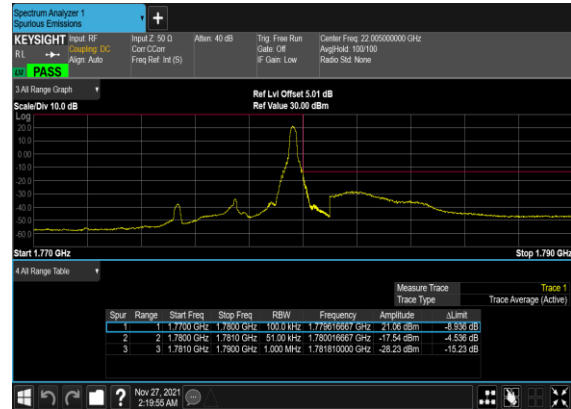
B2\_N66(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



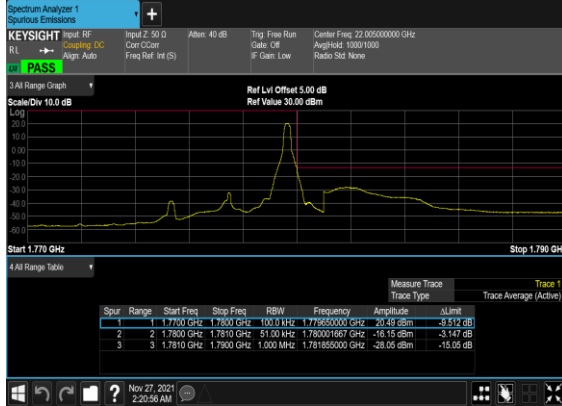
B2\_N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



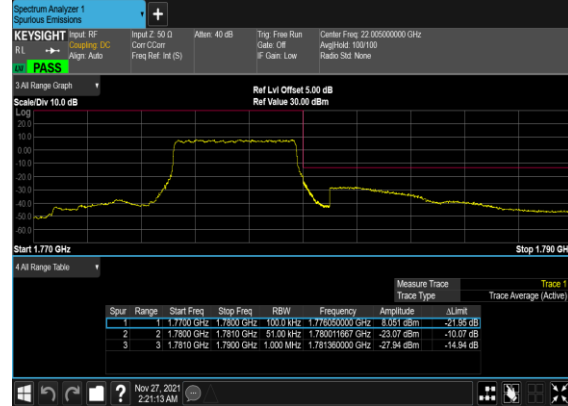
B2\_N66(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



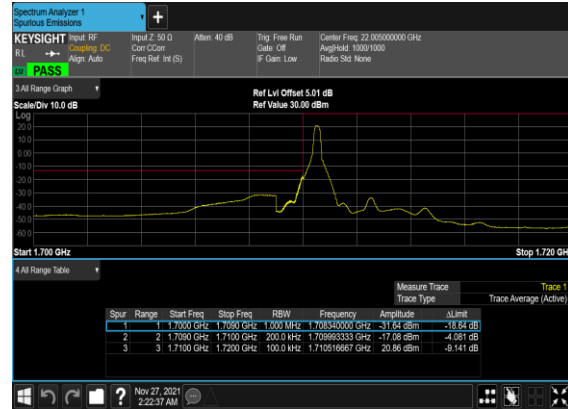
B2\_N66(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



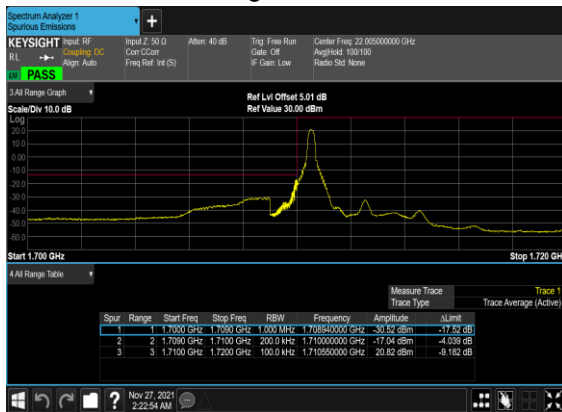
B2\_N66(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



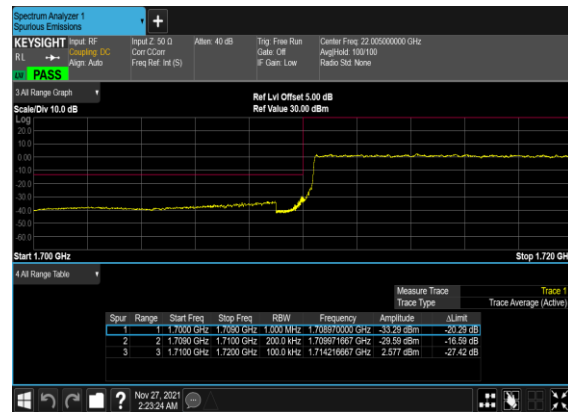
B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



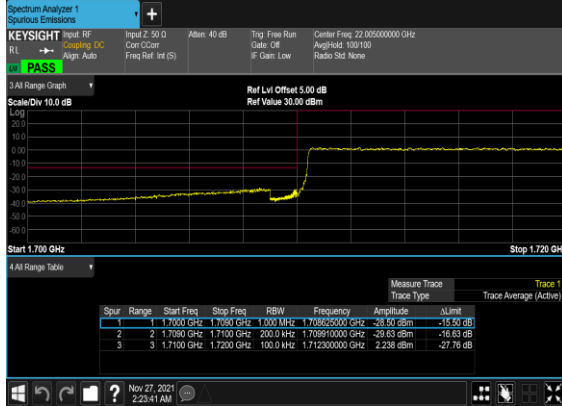
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



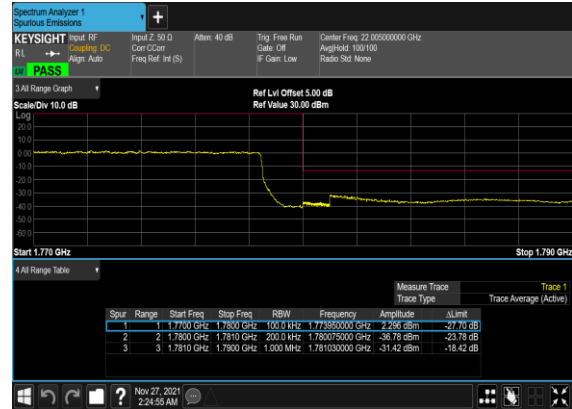
B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



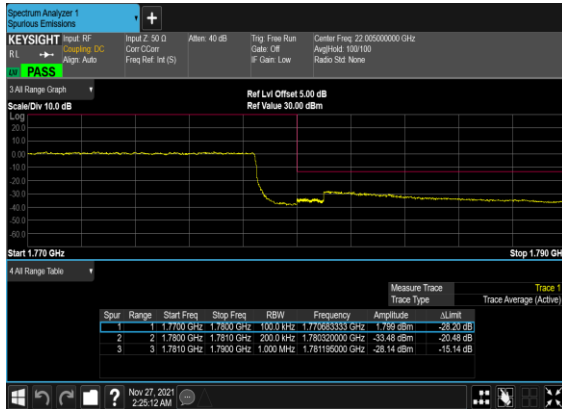
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



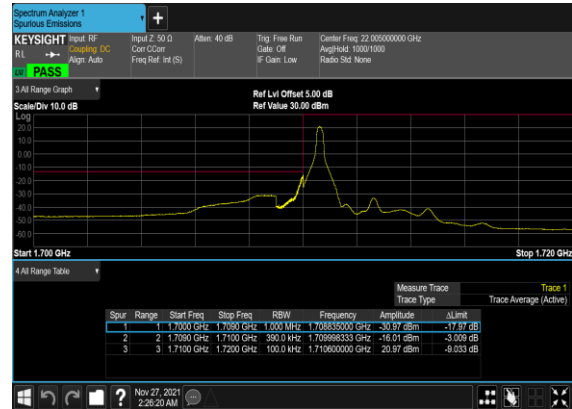
B2\_N66(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



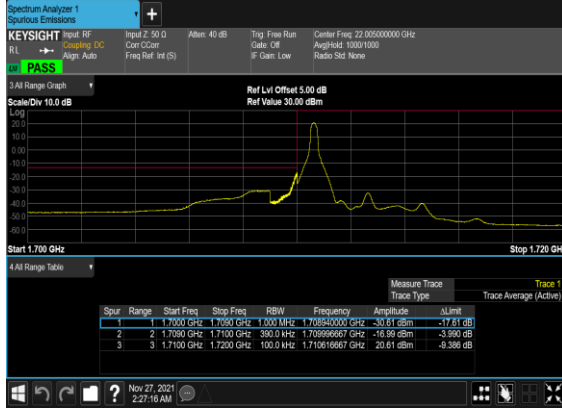
B2\_N66(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



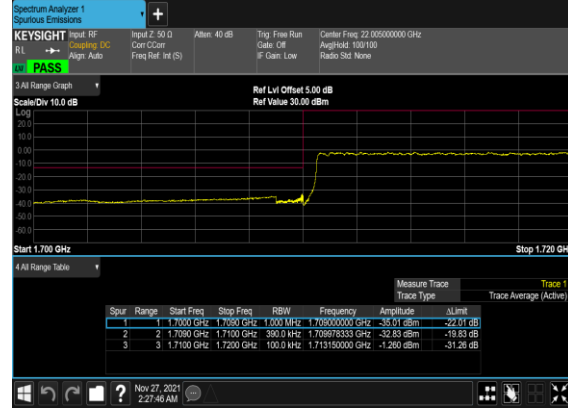
B2\_N66(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



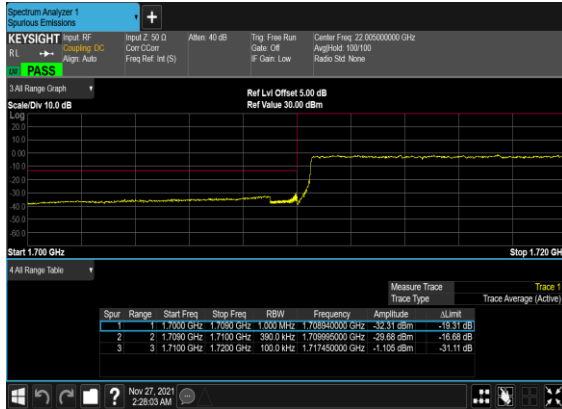
B2\_N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



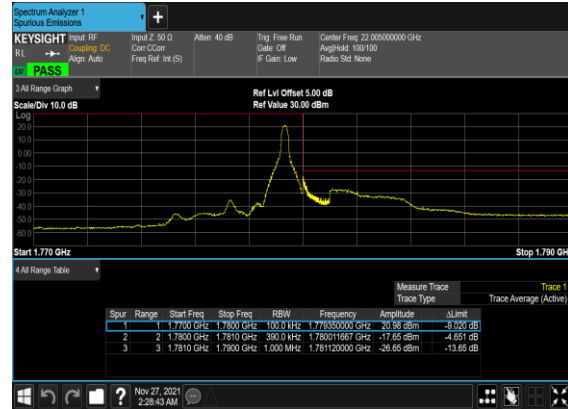
B2\_N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



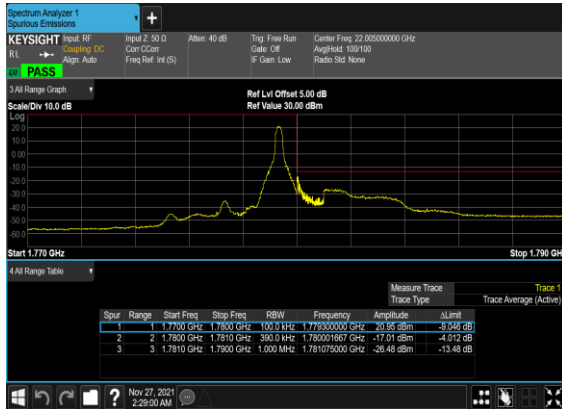
B2\_N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



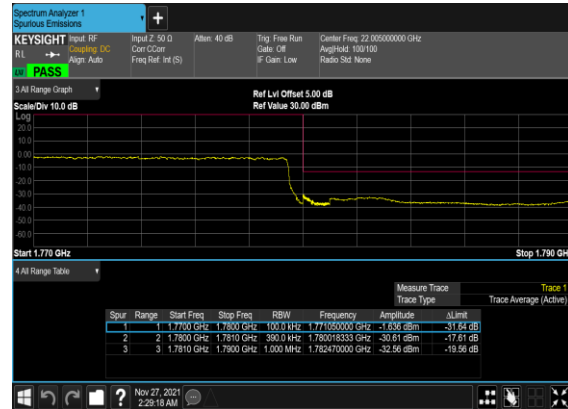
B2\_N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



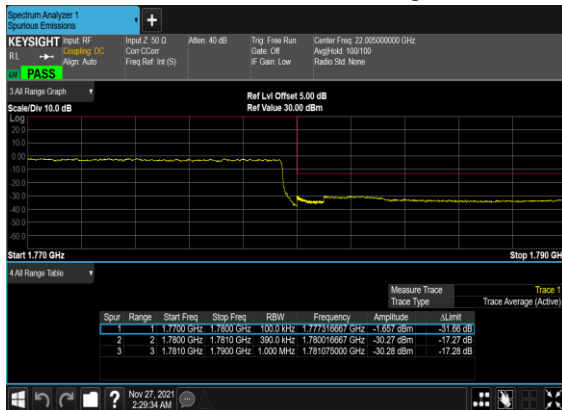
B2\_N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B2\_N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



# B2\_N66(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N77

## Transmitter Conducted Output Power And ERP/EIRP, ( $G_T - L_C$ ) = -0.30dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	25@12	26.21	25.91	0.3899
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	26.11	25.81	0.3811
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@49	26.21	25.91	0.3899
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	25@12	26.21	25.91	0.3899
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	26.11	25.81	0.3811
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@49	26.16	25.86	0.3855
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	25@12	25.36	25.06	0.3206
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	25.18	24.88	0.3076
77	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@49	25.23	24.93	0.3112
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	25@12	23.88	23.58	0.2280
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@1	23.6	23.3	0.2138
77	30	20	647334	3710.01	DFT-s-OFDM 64 QAM	1@49	23.67	23.37	0.2173
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	25@12	21.84	21.54	0.1426
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@1	21.6	21.3	0.1349
77	30	20	647334	3710.01	DFT-s-OFDM 256 QAM	1@49	21.65	21.35	0.1365
77	30	20	647334	3710.01	CP-OFDM QPSK	25@12	24.87	24.57	0.2864
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	24.93	24.63	0.2904
77	30	20	647334	3710.01	CP-OFDM QPSK	1@49	24.95	24.65	0.2917
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	25@12	26.35	26.05	0.4027
77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.21	25.91	0.3899

77	30	20	656000	3840	DFT-s-OFDM PI/2 BPSK	1@49	26.25	25.95	0.3936
77	30	20	656000	3840	DFT-s-OFDM QPSK	25@12	26.34	26.04	0.4018
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@1	26.28	25.98	0.3963
77	30	20	656000	3840	DFT-s-OFDM QPSK	1@49	26.22	25.92	0.3908
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	25@12	25.45	25.15	0.3273
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.4	25.1	0.3236
77	30	20	656000	3840	DFT-s-OFDM 16 QAM	1@49	25.31	25.01	0.3170
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	25@12	24.01	23.71	0.2350
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.74	23.44	0.2208
77	30	20	656000	3840	DFT-s-OFDM 64 QAM	1@49	23.7	23.4	0.2188
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	25@12	21.92	21.62	0.1452
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.77	21.47	0.1403
77	30	20	656000	3840	DFT-s-OFDM 256 QAM	1@49	21.75	21.45	0.1396
77	30	20	656000	3840	CP-OFDM QPSK	25@12	25.01	24.71	0.2958
77	30	20	656000	3840	CP-OFDM QPSK	1@1	25.05	24.75	0.2985
77	30	20	656000	3840	CP-OFDM QPSK	1@49	24.98	24.68	0.2938
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	25@12	26.82	26.52	0.4487
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@1	26.34	26.04	0.4018
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@49	26.82	26.52	0.4487
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	25@12	26.79	26.49	0.4457
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@1	26.85	26.55	0.4519
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@49	26.83	26.53	0.4498
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	25@12	25.89	25.59	0.3622
77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@1	25.78	25.48	0.3532



77	30	20	664666	3969.99	DFT-s-OFDM 16 QAM	1@49	25.83	25.53	0.3573
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	25@12	24.43	24.13	0.2588
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@1	24.22	23.92	0.2466
77	30	20	664666	3969.99	DFT-s-OFDM 64 QAM	1@49	24.2	23.9	0.2455
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	25@12	22.43	22.13	0.1633
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@1	22.36	22.06	0.1607
77	30	20	664666	3969.99	DFT-s-OFDM 256 QAM	1@49	22.39	22.09	0.1618
77	30	20	664666	3969.99	CP-OFDM QPSK	25@12	25.45	25.15	0.3273
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	25.48	25.18	0.3296
77	30	20	664666	3969.99	CP-OFDM QPSK	1@49	25.41	25.11	0.3243
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	36@18	26.24	25.94	0.3926
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	26.19	25.89	0.3882
77	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@76	26.28	25.98	0.3963
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	36@18	26.28	25.98	0.3963
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	26.24	25.94	0.3926
77	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@76	26.29	25.99	0.3972
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	36@18	25.4	25.1	0.3236
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.33	25.03	0.3184
77	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@76	25.4	25.1	0.3236
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	36@18	23.89	23.59	0.2286
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@1	23.93	23.63	0.2307
77	30	30	647668	3715.02	DFT-s-OFDM 64 QAM	1@76	23.74	23.44	0.2208
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	36@18	21.86	21.56	0.1432
77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@1	21.8	21.5	0.1413

77	30	30	647668	3715.02	DFT-s-OFDM 256 QAM	1@76	21.89	21.59	0.1442
77	30	30	647668	3715.02	CP-OFDM QPSK	39@19	24.93	24.63	0.2904
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	24.92	24.62	0.2897
77	30	30	647668	3715.02	CP-OFDM QPSK	1@76	24.94	24.64	0.2911
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	36@18	24.42	24.12	0.2582
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.4	26.1	0.4074
77	30	30	656000	3840	DFT-s-OFDM PI/2 BPSK	1@76	26.29	25.99	0.3972
77	30	30	656000	3840	DFT-s-OFDM QPSK	36@18	26.29	25.99	0.3972
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@1	26.32	26.02	0.3999
77	30	30	656000	3840	DFT-s-OFDM QPSK	1@76	26.32	26.02	0.3999
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	36@18	25.41	25.11	0.3243
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.41	25.11	0.3243
77	30	30	656000	3840	DFT-s-OFDM 16 QAM	1@76	25.34	25.04	0.3192
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	36@18	23.88	23.58	0.2280
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.8	23.5	0.2239
77	30	30	656000	3840	DFT-s-OFDM 64 QAM	1@76	23.67	23.37	0.2173
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	36@18	21.96	21.66	0.1466
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.94	21.64	0.1459
77	30	30	656000	3840	DFT-s-OFDM 256 QAM	1@76	21.86	21.56	0.1432
77	30	30	656000	3840	CP-OFDM QPSK	39@19	24.96	24.66	0.2924
77	30	30	656000	3840	CP-OFDM QPSK	1@1	24.99	24.69	0.2944
77	30	30	656000	3840	CP-OFDM QPSK	1@76	24.71	24.41	0.2761
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	36@18	26.43	26.13	0.4102
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@1	26.63	26.33	0.4295
77	30	30	664332	3964.98	DFT-s-OFDM PI/2 BPSK	1@76	26.78	26.48	0.4446

77	30	30	664332	3964.98	DFT-s-OFDM QPSK	36@18	26.77	26.47	0.4436
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@1	26.6	26.3	0.4266
77	30	30	664332	3964.98	DFT-s-OFDM QPSK	1@76	26.79	26.49	0.4457
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	36@18	25.84	25.54	0.3581
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@1	25.72	25.42	0.3483
77	30	30	664332	3964.98	DFT-s-OFDM 16 QAM	1@76	25.79	25.49	0.3540
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	36@18	24.38	24.08	0.2559
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@1	24.07	23.77	0.2382
77	30	30	664332	3964.98	DFT-s-OFDM 64 QAM	1@76	24.17	23.87	0.2438
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	36@18	22.36	22.06	0.1607
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@1	22.3	22	0.1585
77	30	30	664332	3964.98	DFT-s-OFDM 256 QAM	1@76	22.4	22.1	0.1622
77	30	30	664332	3964.98	CP-OFDM QPSK	39@19	25.4	25.1	0.3236
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	25.34	25.04	0.3192
77	30	30	664332	3964.98	CP-OFDM QPSK	1@76	25.33	25.03	0.3184
77	30	40	648000	3964.98	DFT-s-OFDM PI/2 BPSK	50@25	26.43	26.13	0.4102
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	26.39	26.09	0.4064
77	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@104	26.41	26.11	0.4083
77	30	40	648000	3720	DFT-s-OFDM QPSK	50@25	26.3	26	0.3981
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	26.41	26.11	0.4083
77	30	40	648000	3720	DFT-s-OFDM QPSK	1@104	26.29	25.99	0.3972
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	50@25	25.45	25.15	0.3273
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.43	25.13	0.3258
77	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@104	25.25	24.95	0.3126

77	30	40	648000	3720	DFT-s-OFDM 64 QAM	50@25	23.95	23.65	0.2317
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@1	24	23.7	0.2344
77	30	40	648000	3720	DFT-s-OFDM 64 QAM	1@104	23.66	23.36	0.2168
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	50@25	21.92	21.62	0.1452
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@1	21.98	21.68	0.1472
77	30	40	648000	3720	DFT-s-OFDM 256 QAM	1@104	21.8	21.5	0.1413
77	30	40	648000	3720	CP-OFDM QPSK	53@26	24.98	24.68	0.2938
77	30	40	648000	3720	CP-OFDM QPSK	1@1	25.21	24.91	0.3097
77	30	40	648000	3720	CP-OFDM QPSK	1@104	24.87	24.57	0.2864
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	50@25	26.41	26.11	0.4083
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.46	26.16	0.4130
77	30	40	656000	3840	DFT-s-OFDM PI/2 BPSK	1@104	26.31	26.01	0.3990
77	30	40	656000	3840	DFT-s-OFDM QPSK	50@25	26.3	26	0.3981
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@1	26.47	26.17	0.4140
77	30	40	656000	3840	DFT-s-OFDM QPSK	1@104	26.37	26.07	0.4046
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	50@25	25.47	25.17	0.3289
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.55	25.25	0.3350
77	30	40	656000	3840	DFT-s-OFDM 16 QAM	1@104	25.32	25.02	0.3177
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	50@25	23.97	23.67	0.2328
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@1	24.12	23.82	0.2410
77	30	40	656000	3840	DFT-s-OFDM 64 QAM	1@104	23.91	23.61	0.2296
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	50@25	21.93	21.63	0.1455
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@1	22.06	21.76	0.1500
77	30	40	656000	3840	DFT-s-OFDM 256 QAM	1@104	21.82	21.52	0.1419

77	30	40	656000	3840	CP-OFDM QPSK	53@26	25	24.7	0.2951
77	30	40	656000	3840	CP-OFDM QPSK	1@1	25.32	25.02	0.3177
77	30	40	656000	3840	CP-OFDM QPSK	1@104	24.82	24.52	0.2831
77	30	40	664000	3960	DFT-s- OFDM PI/2 BPSK	50@25	26.68	26.38	0.4345
77	30	40	664000	3960	DFT-s- OFDM PI/2 BPSK	1@1	26.26	25.96	0.3945
77	30	40	664000	3960	DFT-s- OFDM PI/2 BPSK	1@104	26.82	26.52	0.4487
77	30	40	664000	3960	DFT-s- OFDM QPSK	50@25	26.68	26.38	0.4345
77	30	40	664000	3960	DFT-s- OFDM QPSK	1@1	26.69	26.39	0.4355
77	30	40	664000	3960	DFT-s- OFDM QPSK	1@104	26.84	26.54	0.4508
77	30	40	664000	3960	DFT-s- OFDM 16 QAM	50@25	25.74	25.44	0.3499
77	30	40	664000	3960	DFT-s- OFDM 16 QAM	1@1	25.68	25.38	0.3451
77	30	40	664000	3960	DFT-s- OFDM 16 QAM	1@104	25.88	25.58	0.3614
77	30	40	664000	3960	DFT-s- OFDM 64 QAM	50@25	24.24	23.94	0.2477
77	30	40	664000	3960	DFT-s- OFDM 64 QAM	1@1	24.09	23.79	0.2393
77	30	40	664000	3960	DFT-s- OFDM 64 QAM	1@104	24.24	23.94	0.2477
77	30	40	664000	3960	DFT-s- OFDM 256 QAM	50@25	22.28	21.98	0.1578
77	30	40	664000	3960	DFT-s- OFDM 256 QAM	1@1	22.25	21.95	0.1567
77	30	40	664000	3960	DFT-s- OFDM 256 QAM	1@104	22.46	22.16	0.1644
77	30	40	664000	3960	CP-OFDM QPSK	53@26	25.44	25.14	0.3266
77	30	40	664000	3960	CP-OFDM QPSK	1@1	25.44	25.14	0.3266
77	30	40	664000	3960	CP-OFDM QPSK	1@104	25.58	25.28	0.3373
77	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	64@32	26.18	25.88	0.3873
77	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@1	26.14	25.84	0.3837
77	30	50	648334	3725.01	DFT-s- OFDM PI/2 BPSK	1@131	26.21	25.91	0.3899
77	30	50	648334	3725.01	DFT-s- OFDM QPSK	64@32	26.14	25.84	0.3837

77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	26.09	25.79	0.3793
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@131	26.03	25.73	0.3741
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	64@32	25.28	24.98	0.3148
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	25.17	24.87	0.3069
77	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@131	25.22	24.92	0.3105
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	64@32	23.72	23.42	0.2198
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@1	23.52	23.22	0.2099
77	30	50	648334	3725.01	DFT-s-OFDM 64 QAM	1@131	23.68	23.38	0.2178
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	64@32	21.83	21.53	0.1422
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@1	21.63	21.33	0.1358
77	30	50	648334	3725.01	DFT-s-OFDM 256 QAM	1@131	21.62	21.32	0.1355
77	30	50	648334	3725.01	CP-OFDM QPSK	67@33	24.76	24.46	0.2793
77	30	50	648334	3725.01	CP-OFDM QPSK	1@1	24.86	24.56	0.2858
77	30	50	648334	3725.01	CP-OFDM QPSK	1@131	24.96	24.66	0.2924
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	64@32	26.32	26.02	0.3999
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.32	26.02	0.3999
77	30	50	656000	3840	DFT-s-OFDM PI/2 BPSK	1@131	26.14	25.84	0.3837
77	30	50	656000	3840	DFT-s-OFDM QPSK	64@32	26.28	25.98	0.3963
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@1	26.24	25.94	0.3926
77	30	50	656000	3840	DFT-s-OFDM QPSK	1@131	26.15	25.85	0.3846
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	64@32	25.46	25.16	0.3281
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.38	25.08	0.3221
77	30	50	656000	3840	DFT-s-OFDM 16 QAM	1@131	25.24	24.94	0.3119
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	64@32	23.95	23.65	0.2317

77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@1	24.13	23.83	0.2415
77	30	50	656000	3840	DFT-s-OFDM 64 QAM	1@131	23.99	23.69	0.2339
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	64@32	21.82	21.52	0.1419
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.98	21.68	0.1472
77	30	50	656000	3840	DFT-s-OFDM 256 QAM	1@131	21.77	21.47	0.1403
77	30	50	656000	3840	CP-OFDM QPSK	67@33	24.78	24.48	0.2805
77	30	50	656000	3840	CP-OFDM QPSK	1@1	25.16	24.86	0.3062
77	30	50	656000	3840	CP-OFDM QPSK	1@131	24.95	24.65	0.2917
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	64@32	26.57	26.27	0.4236
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@1	26.54	26.24	0.4207
77	30	50	663666	3954.99	DFT-s-OFDM PI/2 BPSK	1@131	26.69	26.39	0.4355
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	64@32	26.47	26.17	0.4140
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@1	26.47	26.17	0.4140
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@131	26.53	26.23	0.4198
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	64@32	25.6	25.3	0.3388
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@1	25.62	25.32	0.3404
77	30	50	663666	3954.99	DFT-s-OFDM 16 QAM	1@131	25.58	25.28	0.3373
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	64@32	24.04	23.74	0.2366
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@1	23.91	23.61	0.2296
77	30	50	663666	3954.99	DFT-s-OFDM 64 QAM	1@131	24.26	23.96	0.2489
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	64@32	21.96	21.66	0.1466
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@1	21.95	21.65	0.1462
77	30	50	663666	3954.99	DFT-s-OFDM 256 QAM	1@131	22.04	21.74	0.1493
77	30	50	663666	3954.99	CP-OFDM QPSK	67@33	25.16	24.86	0.3062
77	30	50	663666	3954.99	CP-OFDM QPSK	1@1	25.13	24.83	0.3041

77	30	50	663666	3954.99	CP-OFDM QPSK	1@131	25.35	25.05	0.3199
77	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	81@40	26.15	25.85	0.3846
77	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	1@1	26.06	25.76	0.3767
77	30	60	648668	3730.02	DFT-s- OFDM PI/2 BPSK	1@160	26.07	25.77	0.3776
77	30	60	648668	3730.02	DFT-s- OFDM QPSK	81@40	26.16	25.86	0.3855
77	30	60	648668	3730.02	DFT-s- OFDM QPSK	1@1	26.11	25.81	0.3811
77	30	60	648668	3730.02	DFT-s- OFDM QPSK	1@160	26.08	25.78	0.3784
77	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	81@40	25.28	24.98	0.3148
77	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	1@1	25.09	24.79	0.3013
77	30	60	648668	3730.02	DFT-s- OFDM 16 QAM	1@160	25.11	24.81	0.3027
77	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	81@40	23.73	23.43	0.2203
77	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	1@1	23.57	23.27	0.2123
77	30	60	648668	3730.02	DFT-s- OFDM 64 QAM	1@160	23.47	23.17	0.2075
77	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	81@40	21.79	21.49	0.1409
77	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	1@1	21.63	21.33	0.1358
77	30	60	648668	3730.02	DFT-s- OFDM 256 QAM	1@160	21.63	21.33	0.1358
77	30	60	648668	3730.02	CP-OFDM QPSK	81@40	24.78	24.48	0.2805
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	24.7	24.4	0.2754
77	30	60	648668	3730.02	CP-OFDM QPSK	1@160	24.64	24.34	0.2716
77	30	60	656000	3840	DFT-s- OFDM PI/2 BPSK	81@40	26.17	25.87	0.3864
77	30	60	656000	3840	DFT-s- OFDM PI/2 BPSK	1@1	26.18	25.88	0.3873
77	30	60	656000	3840	DFT-s- OFDM PI/2 BPSK	1@160	26.1	25.8	0.3802
77	30	60	656000	3840	DFT-s- OFDM QPSK	81@40	26.27	25.97	0.3954
77	30	60	656000	3840	DFT-s- OFDM QPSK	1@1	26.16	25.86	0.3855
77	30	60	656000	3840	DFT-s- OFDM	1@160	26.02	25.72	0.3733



QPSK									
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	81@40	25.36	25.06	0.3206
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.21	24.91	0.3097
77	30	60	656000	3840	DFT-s-OFDM 16 QAM	1@160	25.1	24.8	0.3020
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	81@40	23.75	23.45	0.2213
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.57	23.27	0.2123
77	30	60	656000	3840	DFT-s-OFDM 64 QAM	1@160	23.54	23.24	0.2109
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	81@40	21.93	21.63	0.1455
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.81	21.51	0.1416
77	30	60	656000	3840	DFT-s-OFDM 256 QAM	1@160	21.62	21.32	0.1355
77	30	60	656000	3840	CP-OFDM QPSK	81@40	24.91	24.61	0.2891
77	30	60	656000	3840	CP-OFDM QPSK	1@1	24.84	24.54	0.2844
77	30	60	656000	3840	CP-OFDM QPSK	1@160	24.62	24.32	0.2704
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	81@40	26.52	26.22	0.4188
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@1	26.54	26.24	0.4207
77	30	60	663332	3949.98	DFT-s-OFDM PI/2 BPSK	1@160	26.6	26.3	0.4266
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	81@40	26.51	26.21	0.4178
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@1	26.45	26.15	0.4121
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@160	26.65	26.35	0.4315
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	81@40	25.6	25.3	0.3388
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@1	25.43	25.13	0.3258
77	30	60	663332	3949.98	DFT-s-OFDM 16 QAM	1@160	25.66	25.36	0.3436
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	81@40	24.11	23.81	0.2404
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@1	23.75	23.45	0.2213
77	30	60	663332	3949.98	DFT-s-OFDM 64 QAM	1@160	24.08	23.78	0.2388

QAM									
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	81@40	22.15	21.85	0.1531
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@1	21.94	21.64	0.1459
77	30	60	663332	3949.98	DFT-s-OFDM 256 QAM	1@160	22.25	21.95	0.1567
77	30	60	663332	3949.98	CP-OFDM QPSK	81@40	25.11	24.81	0.3027
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	25.02	24.72	0.2965
77	30	60	663332	3949.98	CP-OFDM QPSK	1@160	25.28	24.98	0.3148
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	90@45	26.1	25.8	0.3802
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@1	25.93	25.63	0.3656
77	30	70	649000	3735	DFT-s-OFDM PI/2 BPSK	1@187	26.03	25.73	0.3741
77	30	70	649000	3735	DFT-s-OFDM QPSK	90@45	26.09	25.79	0.3793
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.97	25.67	0.3690
77	30	70	649000	3735	DFT-s-OFDM QPSK	1@187	25.98	25.68	0.3698
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	90@45	25.2	24.9	0.3090
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	25.05	24.75	0.2985
77	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@187	25.13	24.83	0.3041
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	90@45	23.7	23.4	0.2188
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@1	23.66	23.36	0.2168
77	30	70	649000	3735	DFT-s-OFDM 64 QAM	1@187	23.44	23.14	0.2061
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	90@45	21.7	21.4	0.1380
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@1	21.55	21.25	0.1334
77	30	70	649000	3735	DFT-s-OFDM 256 QAM	1@187	21.59	21.29	0.1346
77	30	70	649000	3735	CP-OFDM QPSK	95@47	24.7	24.4	0.2754
77	30	70	649000	3735	CP-OFDM QPSK	1@1	24.58	24.28	0.2679
77	30	70	649000	3735	CP-OFDM QPSK	1@187	24.78	24.48	0.2805

77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	90@45	26.18	25.88	0.3873
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.07	25.77	0.3776
77	30	70	656000	3840	DFT-s-OFDM PI/2 BPSK	1@187	25.9	25.6	0.3631
77	30	70	656000	3840	DFT-s-OFDM QPSK	90@45	26.1	25.8	0.3802
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@1	26.08	25.78	0.3784
77	30	70	656000	3840	DFT-s-OFDM QPSK	1@187	25.85	25.55	0.3589
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	90@45	25.22	24.92	0.3105
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.12	24.82	0.3034
77	30	70	656000	3840	DFT-s-OFDM 16 QAM	1@187	24.9	24.6	0.2884
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	90@45	23.68	23.38	0.2178
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.54	23.24	0.2109
77	30	70	656000	3840	DFT-s-OFDM 64 QAM	1@187	23.43	23.13	0.2056
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	90@45	21.72	21.42	0.1387
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.64	21.34	0.1361
77	30	70	656000	3840	DFT-s-OFDM 256 QAM	1@187	21.33	21.03	0.1268
77	30	70	656000	3840	CP-OFDM QPSK	95@47	24.66	24.36	0.2729
77	30	70	656000	3840	CP-OFDM QPSK	1@1	24.67	24.37	0.2735
77	30	70	656000	3840	CP-OFDM QPSK	1@187	24.74	24.44	0.2780
77	30	70	663000	3840	DFT-s-OFDM PI/2 BPSK	90@45	26.12	25.82	0.3819
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@1	26.38	26.08	0.4055
77	30	70	663000	3945	DFT-s-OFDM PI/2 BPSK	1@187	26.47	26.17	0.4140
77	30	70	663000	3945	DFT-s-OFDM QPSK	90@45	26.51	26.21	0.4178
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@1	26.39	26.09	0.4064
77	30	70	663000	3945	DFT-s-OFDM QPSK	1@187	26.46	26.16	0.4130

77	30	70	663000	3945	DFT-s-OFDM 16 QAM	90@45	25.58	25.28	0.3373
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@1	25.44	25.14	0.3266
77	30	70	663000	3945	DFT-s-OFDM 16 QAM	1@187	25.59	25.29	0.3381
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	90@45	24.11	23.81	0.2404
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@1	23.72	23.42	0.2198
77	30	70	663000	3945	DFT-s-OFDM 64 QAM	1@187	23.99	23.69	0.2339
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	90@45	22.01	21.71	0.1483
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@1	21.81	21.51	0.1416
77	30	70	663000	3945	DFT-s-OFDM 256 QAM	1@187	22.14	21.84	0.1528
77	30	70	663000	3945	CP-OFDM QPSK	95@47	25.09	24.79	0.3013
77	30	70	663000	3945	CP-OFDM QPSK	1@1	24.99	24.69	0.2944
77	30	70	663000	3945	CP-OFDM QPSK	1@187	25.26	24.96	0.3133
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	108@54	26.19	25.89	0.3882
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	25.99	25.69	0.3707
77	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@215	26.03	25.73	0.3741
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	108@54	26.14	25.84	0.3837
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.89	25.59	0.3622
77	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@215	26.02	25.72	0.3733
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	108@54	25.19	24.89	0.3083
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.89	24.59	0.2877
77	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@215	25.05	24.75	0.2985
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	108@54	23.7	23.4	0.2188
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@1	23.3	23	0.1995
77	30	80	649334	3740.01	DFT-s-OFDM 64 QAM	1@215	23.39	23.09	0.2037

77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	108@54	21.63	21.33	0.1358
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@1	21.56	21.26	0.1337
77	30	80	649334	3740.01	DFT-s-OFDM 256 QAM	1@215	21.62	21.32	0.1355
77	30	80	649334	3740.01	CP-OFDM QPSK	109@54	24.78	24.48	0.2805
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	24.69	24.39	0.2748
77	30	80	649334	3740.01	CP-OFDM QPSK	1@215	24.67	24.37	0.2735
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	108@54	26.1	25.8	0.3802
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	25.97	25.67	0.3690
77	30	80	656000	3840	DFT-s-OFDM PI/2 BPSK	1@215	25.94	25.64	0.3664
77	30	80	656000	3840	DFT-s-OFDM QPSK	108@54	26.11	25.81	0.3811
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@1	26.03	25.73	0.3741
77	30	80	656000	3840	DFT-s-OFDM QPSK	1@215	25.92	25.62	0.3648
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	108@54	25.23	24.93	0.3112
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.09	24.79	0.3013
77	30	80	656000	3840	DFT-s-OFDM 16 QAM	1@215	25.05	24.75	0.2985
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	108@54	23.72	23.42	0.2198
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.52	23.22	0.2099
77	30	80	656000	3840	DFT-s-OFDM 64 QAM	1@215	23.36	23.06	0.2023
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	108@54	21.68	21.38	0.1374
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.63	21.33	0.1358
77	30	80	656000	3840	DFT-s-OFDM 256 QAM	1@215	21.5	21.2	0.1318
77	30	80	656000	3840	CP-OFDM QPSK	109@54	24.71	24.41	0.2761
77	30	80	656000	3840	CP-OFDM QPSK	1@1	24.67	24.37	0.2735
77	30	80	656000	3840	CP-OFDM QPSK	1@215	24.51	24.21	0.2636
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	108@54	26.5	26.2	0.4169

77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@1	26.43	26.13	0.4102
77	30	80	662666	3939.99	DFT-s-OFDM PI/2 BPSK	1@215	26.47	26.17	0.4140
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	108@54	26.51	26.21	0.4178
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@1	26.35	26.05	0.4027
77	30	80	662666	3939.99	DFT-s-OFDM QPSK	1@215	26.46	26.16	0.4130
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	108@54	25.62	25.32	0.3404
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@1	25.47	25.17	0.3289
77	30	80	662666	3939.99	DFT-s-OFDM 16 QAM	1@215	25.61	25.31	0.3396
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	108@54	24.15	23.85	0.2427
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@1	23.76	23.46	0.2218
77	30	80	662666	3939.99	DFT-s-OFDM 64 QAM	1@215	23.95	23.65	0.2317
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	108@54	22.07	21.77	0.1503
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@1	21.96	21.66	0.1466
77	30	80	662666	3939.99	DFT-s-OFDM 256 QAM	1@215	22.07	21.77	0.1503
77	30	80	662666	3939.99	CP-OFDM QPSK	109@54	25.11	24.81	0.3027
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	25.07	24.77	0.2999
77	30	80	662666	3939.99	CP-OFDM QPSK	1@215	25.25	24.95	0.3126
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	120@60	26.18	25.88	0.3873
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.93	25.63	0.3656
77	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@243	26.06	25.76	0.3767
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	120@60	26.13	25.83	0.3828
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.93	25.63	0.3656
77	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@243	25.99	25.69	0.3707
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	120@60	25.14	24.84	0.3048

77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.88	24.58	0.2871
77	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@243	25.05	24.75	0.2985
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	120@60	23.68	23.38	0.2178
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@1	23.27	22.97	0.1982
77	30	90	649668	3745.02	DFT-s-OFDM 64 QAM	1@243	23.61	23.31	0.2143
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	120@60	21.69	21.39	0.1377
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@1	21.47	21.17	0.1309
77	30	90	649668	3745.02	DFT-s-OFDM 256 QAM	1@243	21.64	21.34	0.1361
77	30	90	649668	3745.02	CP-OFDM QPSK	123@61	24.68	24.38	0.2742
77	30	90	649668	3745.02	CP-OFDM QPSK	1@1	24.71	24.41	0.2761
77	30	90	649668	3745.02	CP-OFDM QPSK	1@243	24.58	24.28	0.2679
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	120@60	26.11	25.81	0.3811
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26.2	25.9	0.3890
77	30	90	656000	3840	DFT-s-OFDM PI/2 BPSK	1@243	26.07	25.77	0.3776
77	30	90	656000	3840	DFT-s-OFDM QPSK	120@60	26.11	25.81	0.3811
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@1	26.05	25.75	0.3758
77	30	90	656000	3840	DFT-s-OFDM QPSK	1@243	25.95	25.65	0.3673
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	120@60	25.18	24.88	0.3076
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.07	24.77	0.2999
77	30	90	656000	3840	DFT-s-OFDM 16 QAM	1@243	25.01	24.71	0.2958
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	120@60	23.71	23.41	0.2193
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.39	23.09	0.2037
77	30	90	656000	3840	DFT-s-OFDM 64 QAM	1@243	23.43	23.13	0.2056
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	120@60	21.67	21.37	0.1371

77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.62	21.32	0.1355
77	30	90	656000	3840	DFT-s-OFDM 256 QAM	1@243	21.57	21.27	0.1340
77	30	90	656000	3840	CP-OFDM QPSK	123@61	24.7	24.4	0.2754
77	30	90	656000	3840	CP-OFDM QPSK	1@1	24.62	24.32	0.2704
77	30	90	656000	3840	CP-OFDM QPSK	1@243	24.49	24.19	0.2624
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	120@60	26.44	26.14	0.4111
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@1	26.34	26.04	0.4018
77	30	90	662332	3934.98	DFT-s-OFDM PI/2 BPSK	1@243	26.44	26.14	0.4111
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	120@60	26.45	26.15	0.4121
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@1	26.24	25.94	0.3926
77	30	90	662332	3934.98	DFT-s-OFDM QPSK	1@243	26.48	26.18	0.4150
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	120@60	25.55	25.25	0.3350
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@1	25.31	25.01	0.3170
77	30	90	662332	3934.98	DFT-s-OFDM 16 QAM	1@243	25.5	25.2	0.3311
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	120@60	23.97	23.67	0.2328
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@1	23.71	23.41	0.2193
77	30	90	662332	3934.98	DFT-s-OFDM 64 QAM	1@243	23.92	23.62	0.2301
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	120@60	22.09	21.79	0.1510
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@1	21.73	21.43	0.1390
77	30	90	662332	3934.98	DFT-s-OFDM 256 QAM	1@243	22.03	21.73	0.1489
77	30	90	662332	3934.98	CP-OFDM QPSK	123@61	25.02	24.72	0.2965
77	30	90	662332	3934.98	CP-OFDM QPSK	1@1	24.78	24.48	0.2805
77	30	90	662332	3934.98	CP-OFDM QPSK	1@243	25.03	24.73	0.2972
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.7	25.4	0.3467
77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.87	25.57	0.3606



77	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.95	25.65	0.3673
77	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.07	25.77	0.3776
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.9	25.6	0.3631
77	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.94	25.64	0.3664
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	25.15	24.85	0.3055
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.93	24.63	0.2904
77	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25.05	24.75	0.2985
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.64	23.34	0.2158
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	23.44	23.14	0.2061
77	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.53	23.23	0.2104
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.64	21.34	0.1361
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	21.39	21.09	0.1285
77	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.5	21.2	0.1318
77	30	100	650000	3750	CP-OFDM QPSK	137@68	24.65	24.35	0.2723
77	30	100	650000	3750	CP-OFDM QPSK	1@1	24.52	24.22	0.2642
77	30	100	650000	3750	CP-OFDM QPSK	1@271	24.63	24.33	0.2710
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	135@67	26.16	25.86	0.3855
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@1	26	25.7	0.3715
77	30	100	656000	3840	DFT-s-OFDM PI/2 BPSK	1@271	26.01	25.71	0.3724
77	30	100	656000	3840	DFT-s-OFDM QPSK	135@67	26.13	25.83	0.3828
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@1	25.98	25.68	0.3698
77	30	100	656000	3840	DFT-s-OFDM QPSK	1@271	25.99	25.69	0.3707
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	135@67	25.17	24.87	0.3069
77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@1	25.01	24.71	0.2958

77	30	100	656000	3840	DFT-s-OFDM 16 QAM	1@271	24.98	24.68	0.2938
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	135@67	23.72	23.42	0.2198
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@1	23.49	23.19	0.2084
77	30	100	656000	3840	DFT-s-OFDM 64 QAM	1@271	23.44	23.14	0.2061
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	135@67	21.74	21.44	0.1393
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@1	21.51	21.21	0.1321
77	30	100	656000	3840	DFT-s-OFDM 256 QAM	1@271	21.63	21.33	0.1358
77	30	100	656000	3840	CP-OFDM QPSK	137@68	24.72	24.42	0.2767
77	30	100	656000	3840	CP-OFDM QPSK	1@1	24.69	24.39	0.2748
77	30	100	656000	3840	CP-OFDM QPSK	1@271	24.71	24.41	0.2761
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	135@67	26.13	25.83	0.3828
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@1	26.18	25.88	0.3873
77	30	100	662000	3930	DFT-s-OFDM PI/2 BPSK	1@271	26.44	26.14	0.4111
77	30	100	662000	3930	DFT-s-OFDM QPSK	135@67	26.32	26.02	0.3999
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@1	26.28	25.98	0.3963
77	30	100	662000	3930	DFT-s-OFDM QPSK	1@271	26.47	26.17	0.4140
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	135@67	25.4	25.1	0.3236
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@1	25.3	25	0.3162
77	30	100	662000	3930	DFT-s-OFDM 16 QAM	1@271	25.52	25.22	0.3327
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	135@67	23.93	23.63	0.2307
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@1	23.65	23.35	0.2163
77	30	100	662000	3930	DFT-s-OFDM 64 QAM	1@271	23.88	23.58	0.2280
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	135@67	21.92	21.62	0.1452
77	30	100	662000	3930	DFT-s-OFDM 256 QAM	1@1	21.71	21.41	0.1384

<b>77</b>	30	100	662000	3930	DFT-s- OFDM 256 QAM	1@271	22.02	21.72	0.1486
<b>77</b>	30	100	662000	3930	CP-OFDM QPSK	137@68	25.01	24.71	0.2958
<b>77</b>	30	100	662000	3930	CP-OFDM QPSK	1@1	24.88	24.58	0.2871
<b>77</b>	30	100	662000	3930	CP-OFDM QPSK	1@271	25.13	24.83	0.3041

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00368	PASS	NV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00392	PASS	LV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00647	PASS	HV
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0034	PASS	-30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0021	PASS	-20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00303	PASS	-10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00472	PASS	0°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00402	PASS	10°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.0024	PASS	20°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00262	PASS	30°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.002	PASS	40°C
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	-0.00292	PASS	50°C

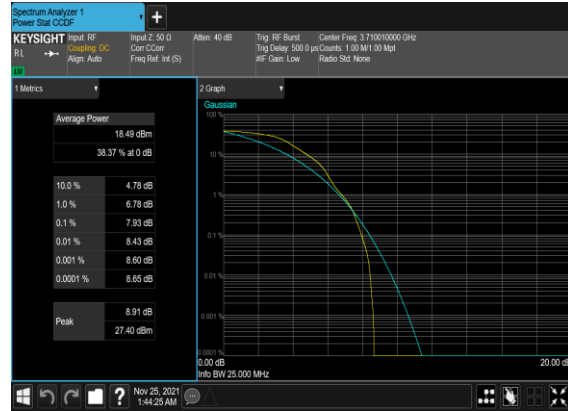
## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	50@0	7.14	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@0	7.93	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	7.92	13	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	7.72	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	6.94	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	1@0	8.09	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	7.84	13	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	7.67	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	50@0	6.66	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM PI/2 BPSK	1@0	8.15	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	7.51	13	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	7.34	13	PASS

N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



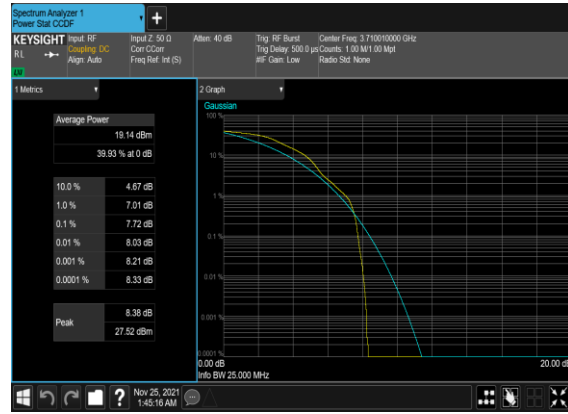
N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



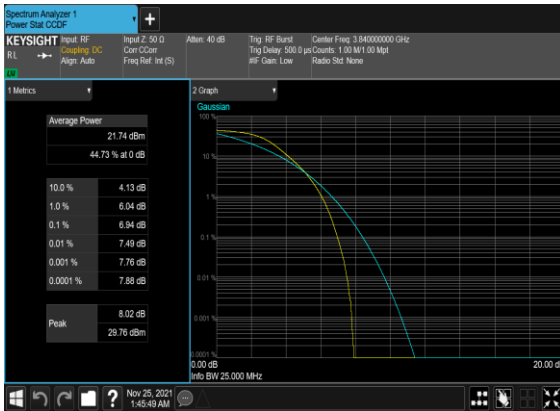
N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



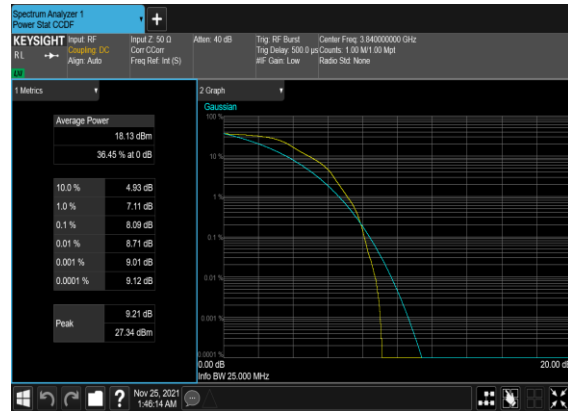
N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



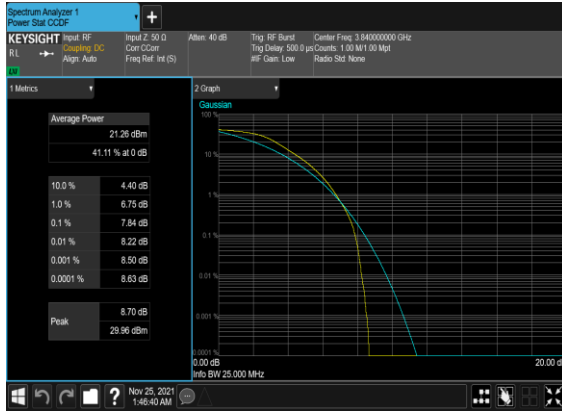
N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



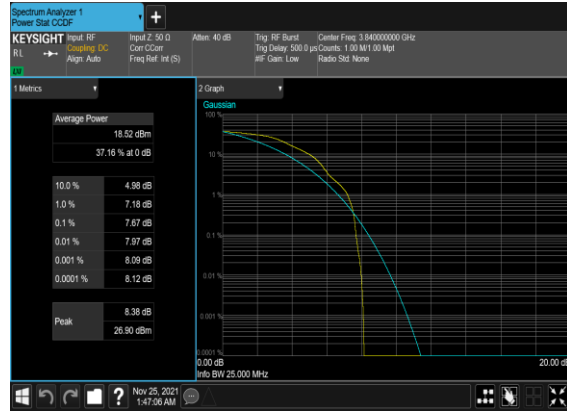
N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



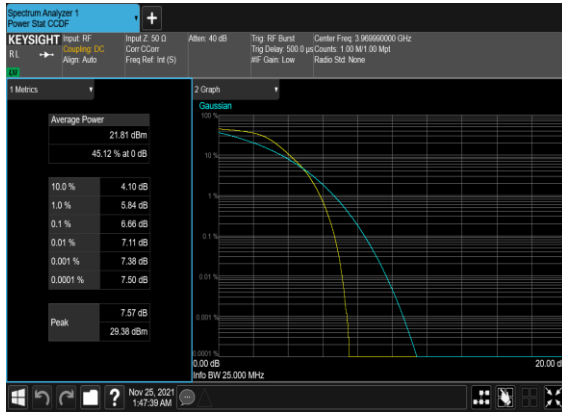
N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



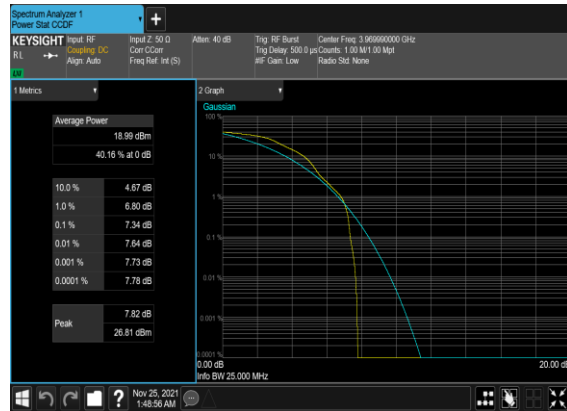
N77(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N77(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N77(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Occupied Bandwidth

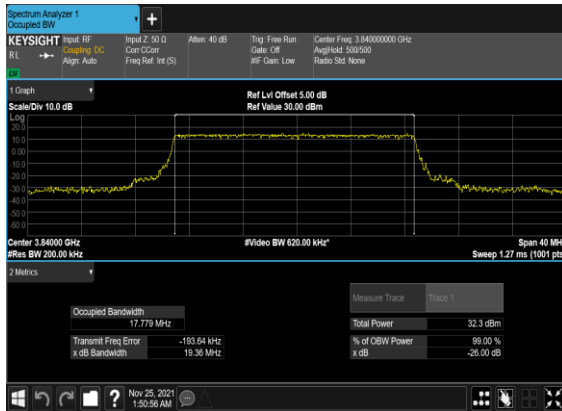
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
77	30	20	656000	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.779	19.36
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	50@0	17.862	19.06
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.169	19.7
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.226	19.56
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.252	19.32
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.201	19.51
77	30	30	656000	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.769	28.33
77	30	30	656000	3840.0	DFT-s-OFDM QPSK	75@0	26.783	28.46
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.79	29.47
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.842	29.39
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.818	29.27
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.836	29.34
77	30	40	656000	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.706	37.34
77	30	40	656000	3840.0	DFT-s-OFDM QPSK	100@0	35.744	37.6
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.848	39.79
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.879	39.83
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.83	39.79
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.81	39.9
77	30	50	656000	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.732	47.48
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	128@0	45.763	47.84
77	30	50	656000	3840.0	CP-OFDM QPSK	133@0	47.396	49.51
77	30	50	656000	3840.0	CP-OFDM 16 QAM	133@0	47.341	49.36
77	30	50	656000	3840.0	CP-OFDM 64 QAM	133@0	47.569	49.42
77	30	50	656000	3840.0	CP-OFDM 256 QAM	133@0	47.429	49.35



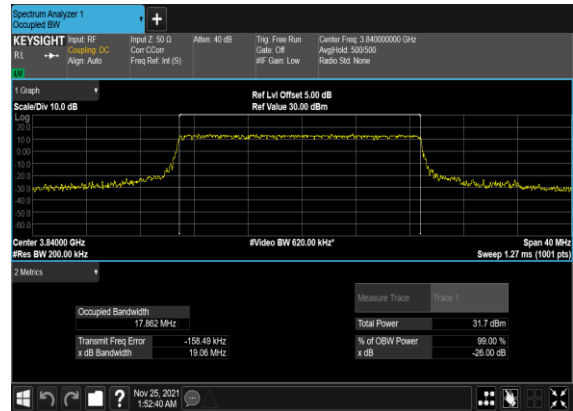
77	30	60	656000	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.909	60.13
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	162@0	57.847	60.29
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.752	60.02
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.782	59.72
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.719	60.11
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.737	60.03
77	30	70	656000	3840.0	DFT-s-OFDM PI/2 BPSK	180@0	64.427	66.46
77	30	70	656000	3840.0	DFT-s-OFDM QPSK	180@0	64.361	66.58
77	30	70	656000	3840.0	CP-OFDM QPSK	189@0	67.399	69.57
77	30	70	656000	3840.0	CP-OFDM 16 QAM	189@0	67.42	69.97
77	30	70	656000	3840.0	CP-OFDM 64 QAM	189@0	67.636	69.93
77	30	70	656000	3840.0	CP-OFDM 256 QAM	189@0	67.46	69.9
77	30	80	656000	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	77.194	79.83
77	30	80	656000	3840.0	DFT-s-OFDM QPSK	216@0	77.209	79.6
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.564	80.01
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.507	80.21
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.527	80.16
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.47	80.28
77	30	90	656000	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	85.756	88.54
77	30	90	656000	3840.0	DFT-s-OFDM QPSK	240@0	85.622	88.62
77	30	90	656000	3840.0	CP-OFDM QPSK	245@0	87.39	90.67
77	30	90	656000	3840.0	CP-OFDM 16 QAM	245@0	87.489	90.47
77	30	90	656000	3840.0	CP-OFDM 64 QAM	245@0	87.332	90.45
77	30	90	656000	3840.0	CP-OFDM 256 QAM	245@0	87.398	90.35
77	30	100	656000	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.483	99.61

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	270@0	96.424	99.72
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.351	100.6
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.412	100.6
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.394	100.5
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.498	100.6

N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



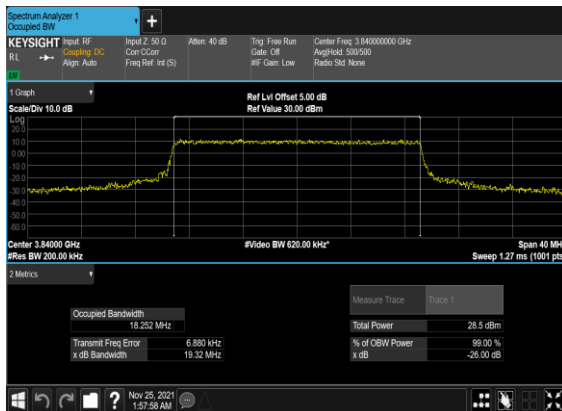
N77(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



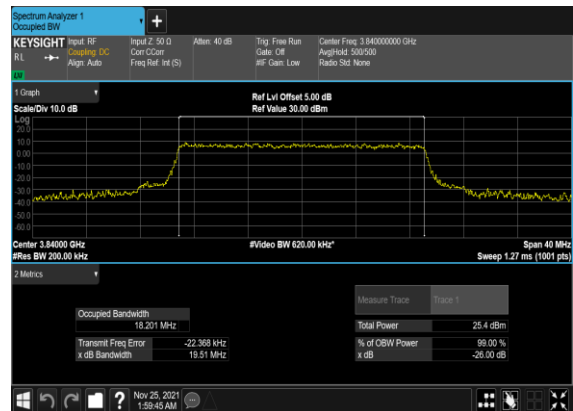
N77(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



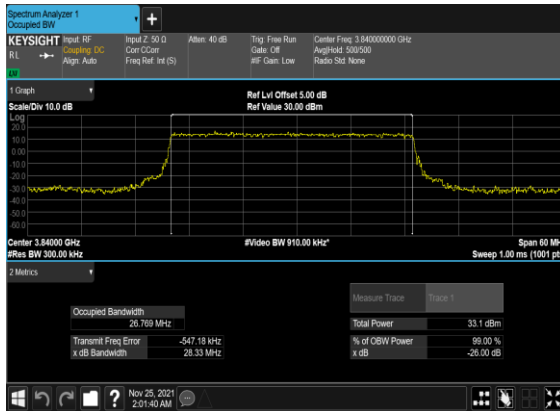
N77(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



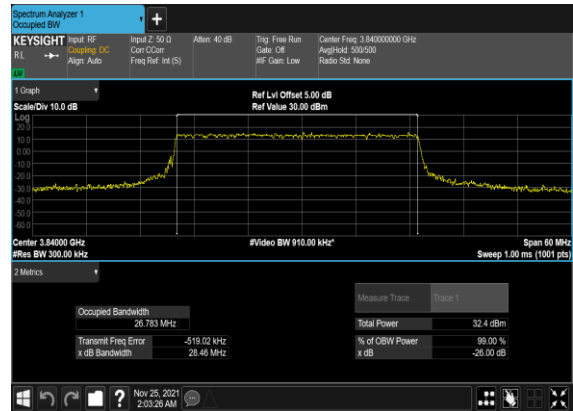
N77(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



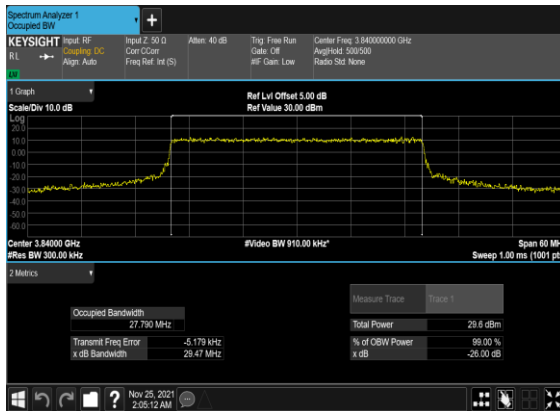
### N77(30M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



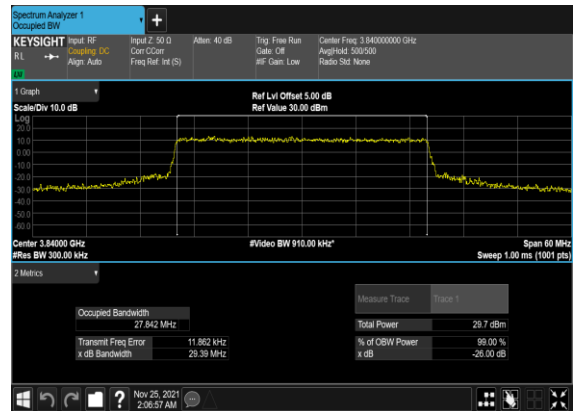
### N77(30M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



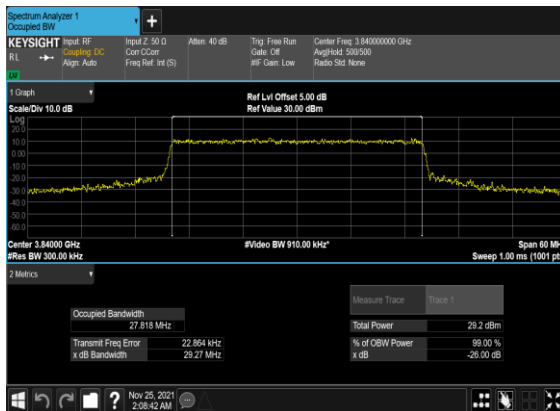
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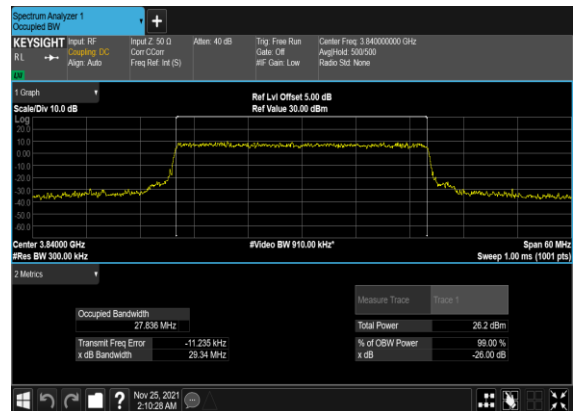
### N77(30M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



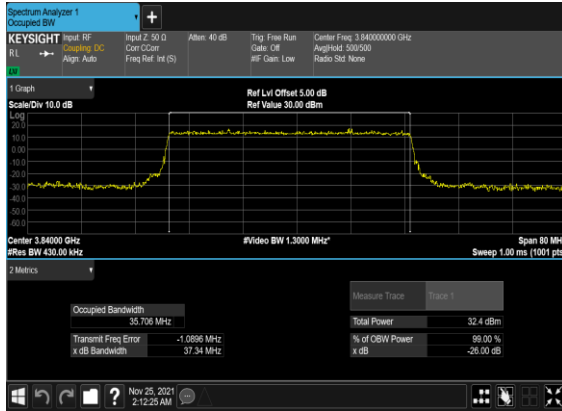
### N77(30M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



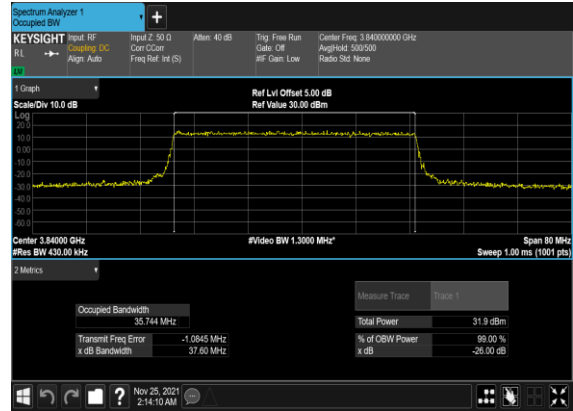
### N77(30M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### N77(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N77(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



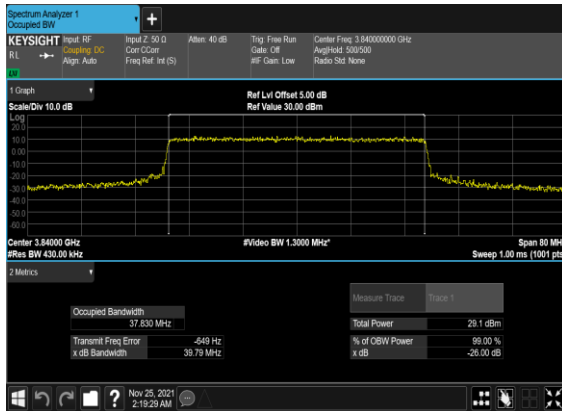
### N77(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



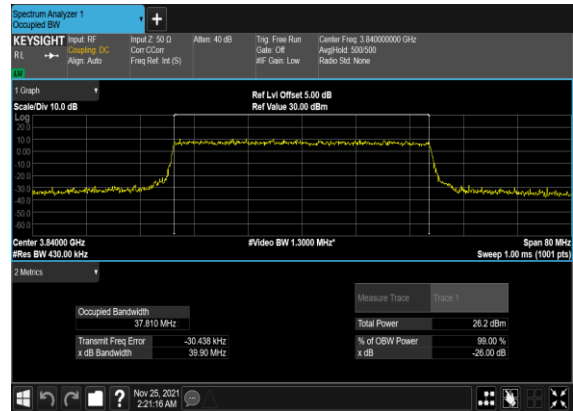
### N77(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



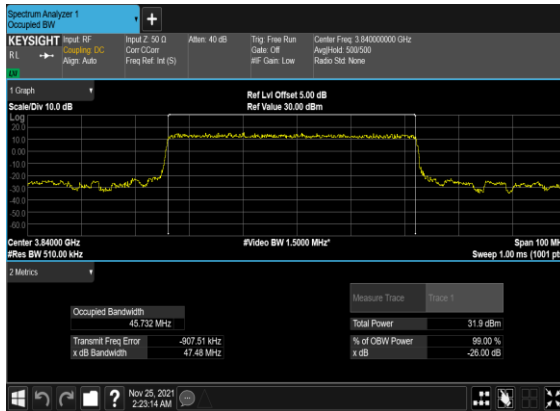
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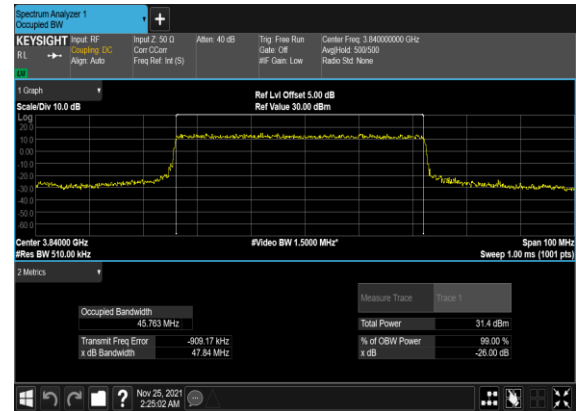
### N77(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



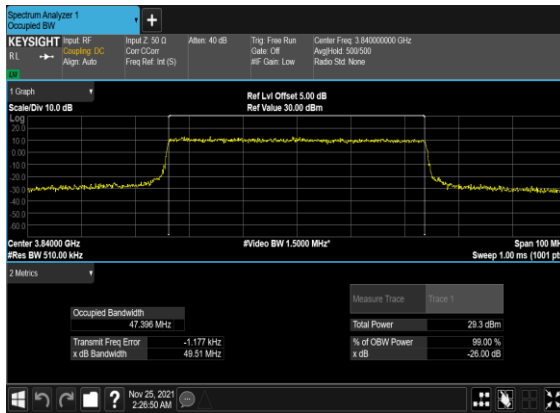
### N77(50M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



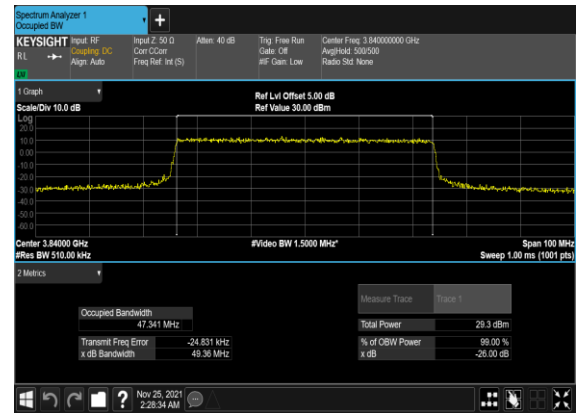
### N77(50M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



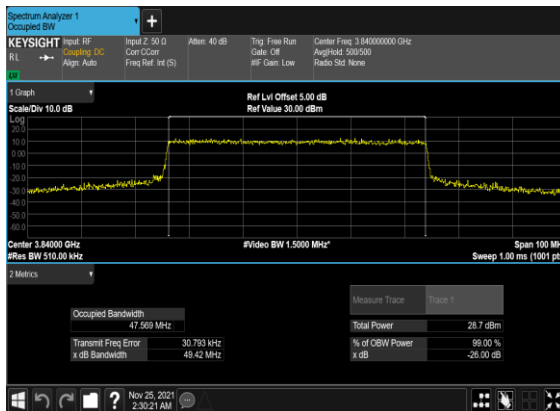
### N77(50M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



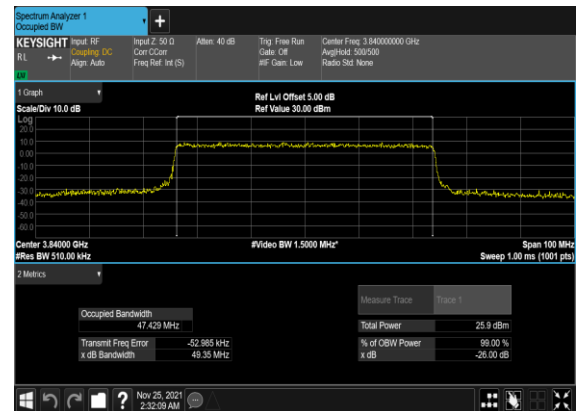
### N77(50M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



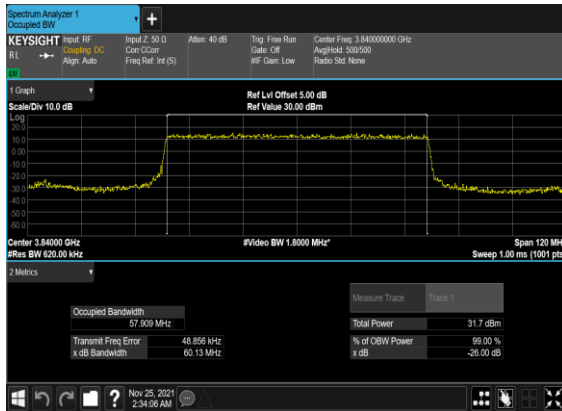
### N77(50M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



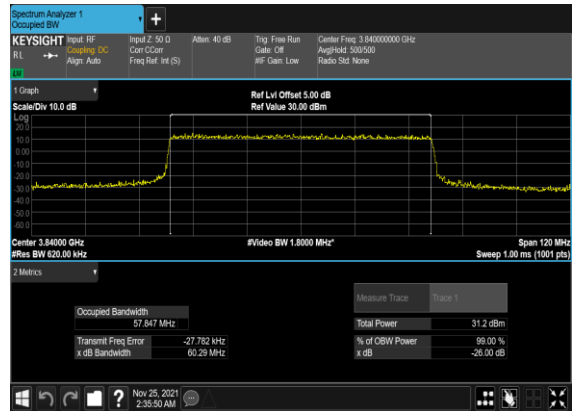
### N77(50M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



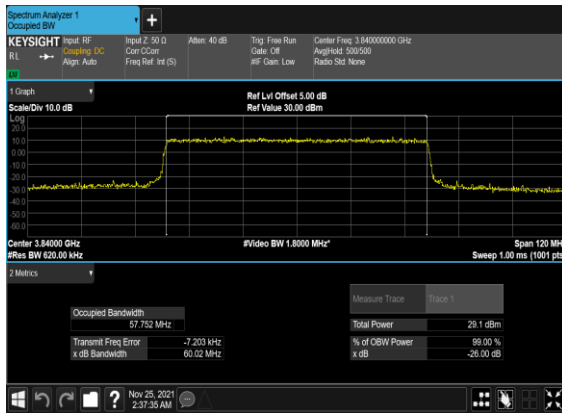
### N77(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



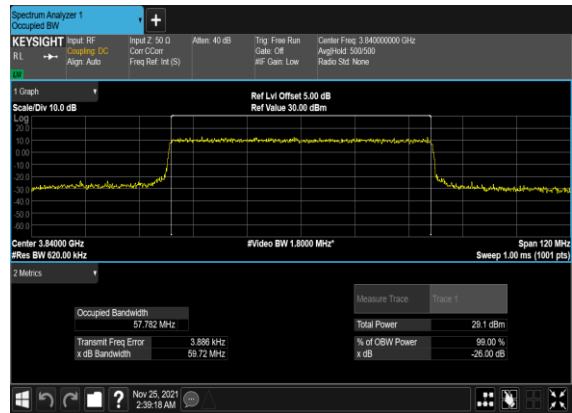
### N77(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



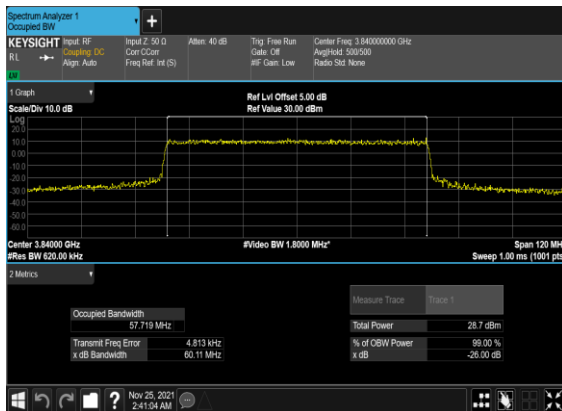
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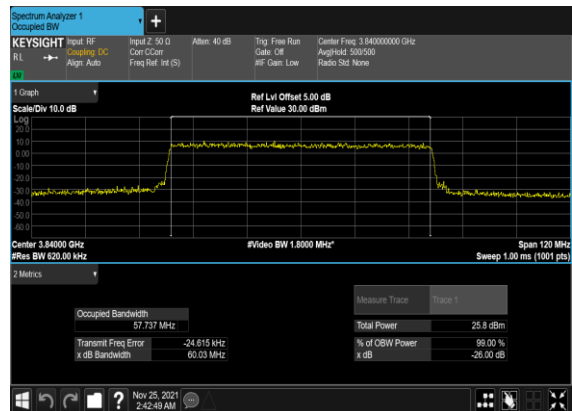
### N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



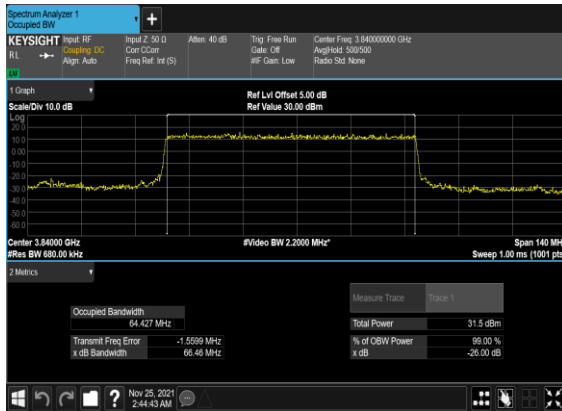
### N77(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



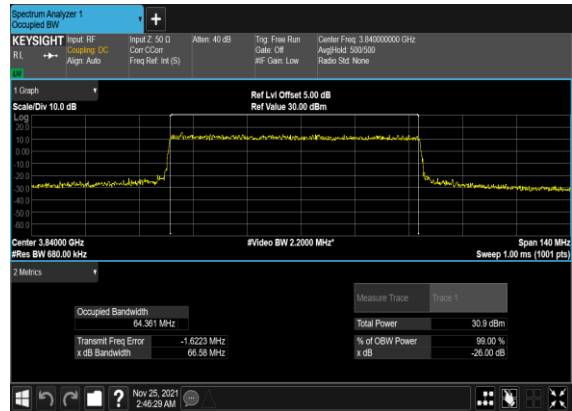
### N77(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N77(70M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



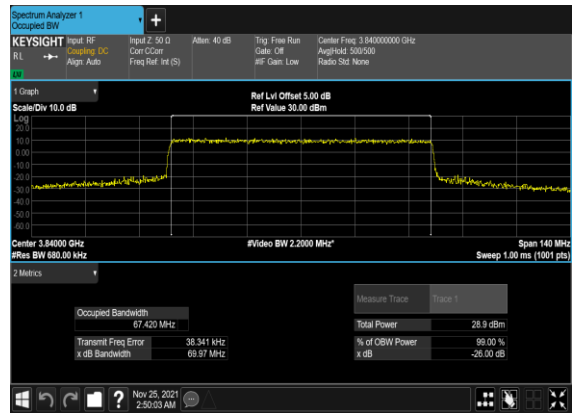
### N77(70M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



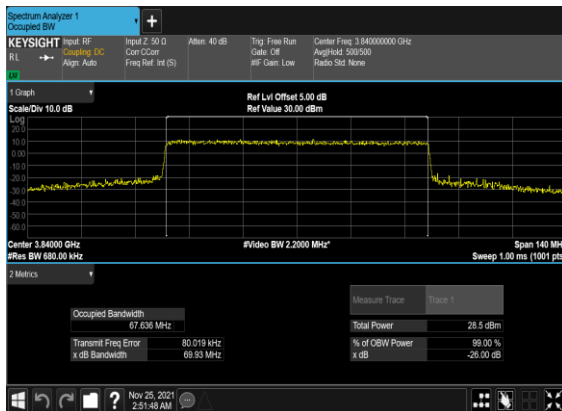
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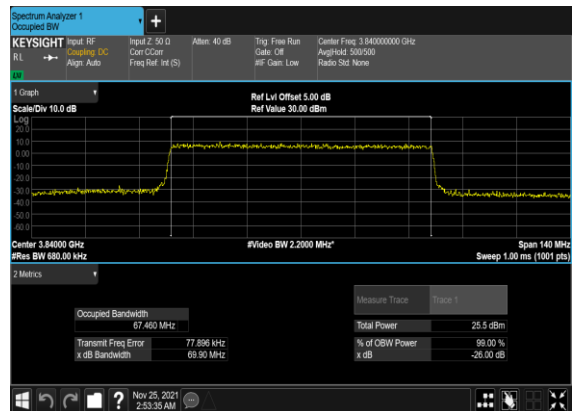
### N77(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N77(70M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

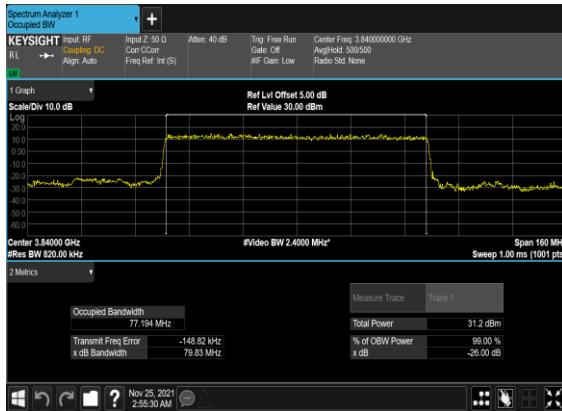


### N77(70M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

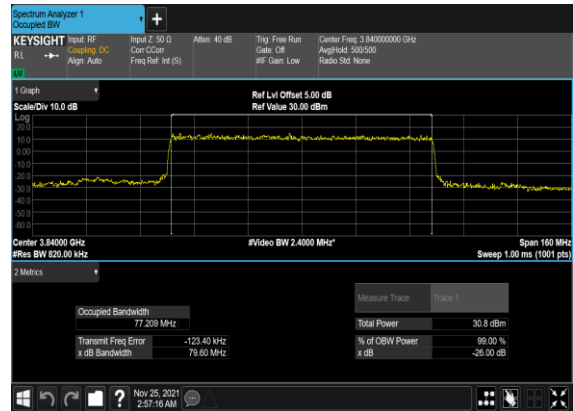




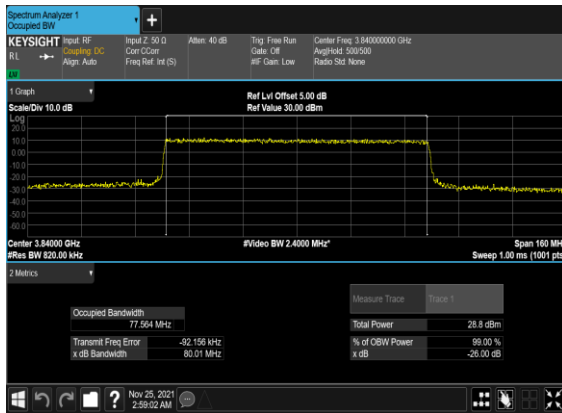
### N77(80M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



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



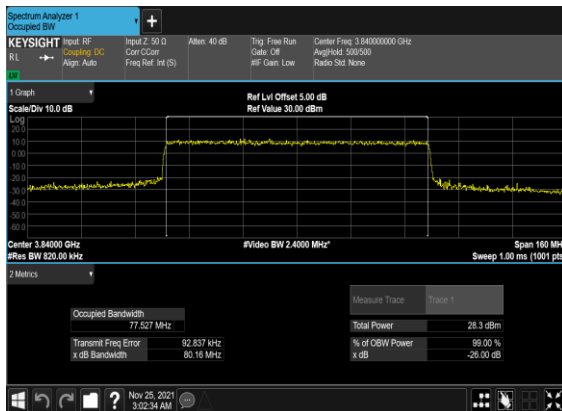
### N77(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N77(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N77(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N77(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

