

### N7(5M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



### N7(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



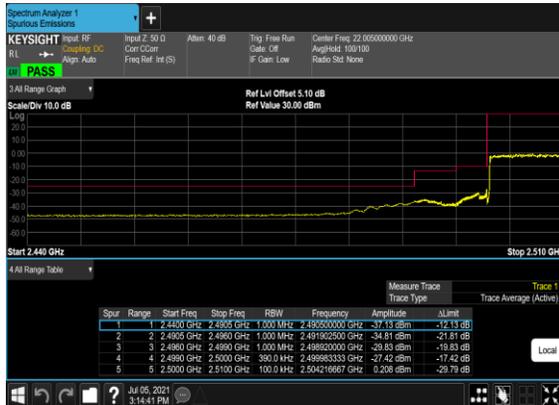
### N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



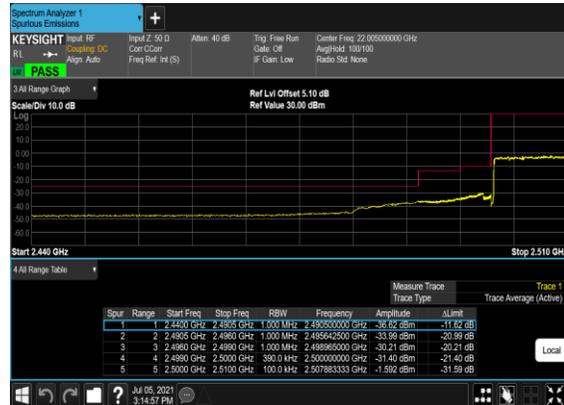
### N7(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



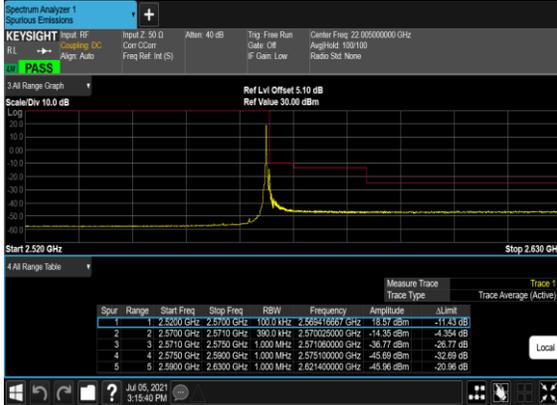
### N7(20M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



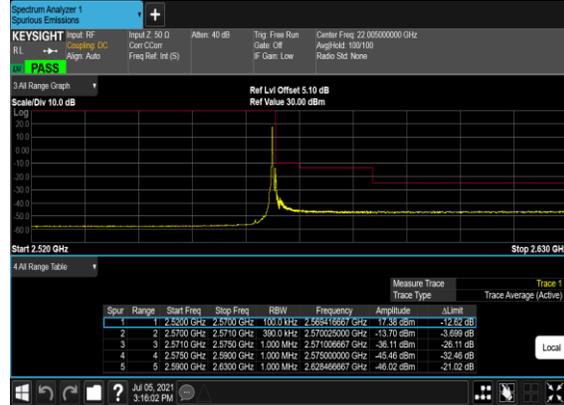
### N7(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N7(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



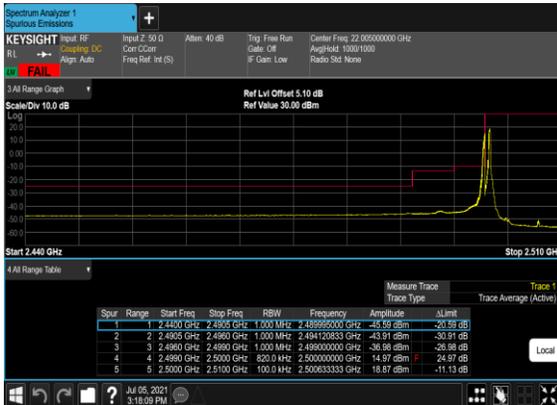
### N7(20M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



### N7(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



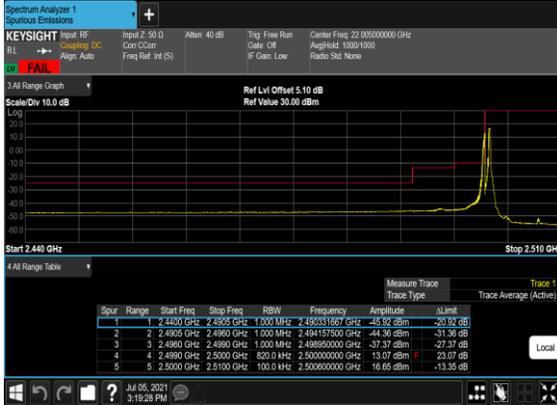
### N7(40M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N7(40M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



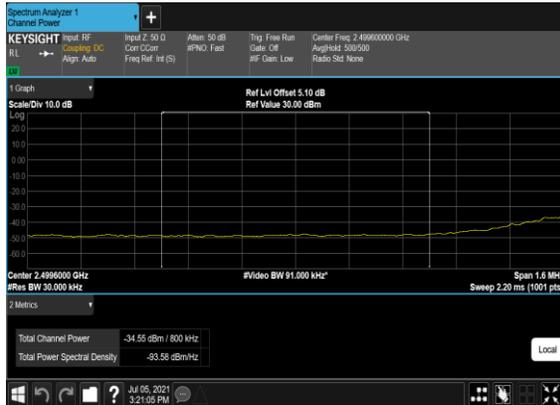
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



### N7(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



### N7(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



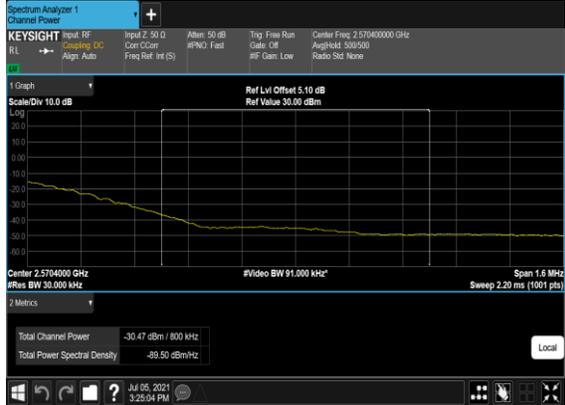
### N7(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



### N7(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



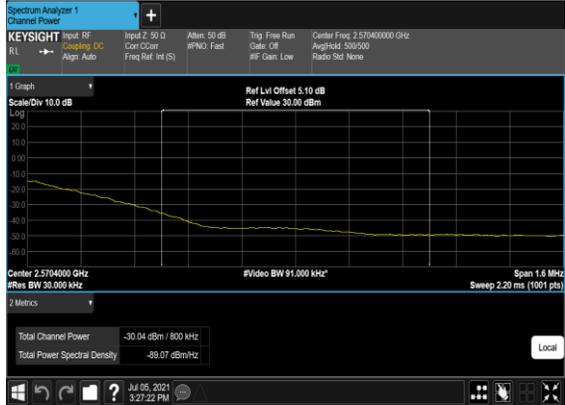
### N7(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



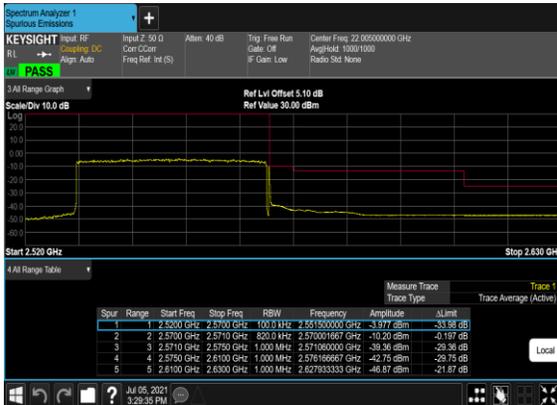
### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N7(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



### N7(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N7(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



## N7(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



## N7(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH\_CHP\_PASS



# FR1 N7

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And ERP/EIRP, (G<sub>T</sub> - L<sub>C</sub>)=0.1dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	12@6	24.18	24.28	0.2679
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	23.79	23.89	0.2449
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@23	23.71	23.81	0.2404
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	12@6	22.48	22.58	0.1811
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@1	22.31	22.41	0.1742
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@23	22.39	22.49	0.1774
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	12@6	21.42	21.52	0.1419
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	21.23	21.33	0.1358
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@23	21.39	21.49	0.1409
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	12@6	19.87	19.97	0.0993
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@1	19.3	19.4	0.0871
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@23	17.33	17.43	0.0553
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	12@6	19.56	19.66	0.0925
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@1	18.58	18.68	0.0738
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@23	18.57	18.67	0.0736
7	15	5	524500	2502.5	CP-OFDM QPSK	13@6	21.08	21.18	0.1312
7	15	5	524500	2502.5	CP-OFDM QPSK	1@1	21.09	21.19	0.1315
7	15	5	524500	2502.5	CP-OFDM QPSK	1@23	21.15	21.25	0.1334
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	12@6	24.1	24.2	0.263

7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	24.22	24.32	0.2704
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@23	24.19	24.29	0.2685
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	12@6	23.95	24.05	0.2541
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@1	23.74	23.84	0.2421
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@23	18.99	19.09	0.0811
7	15	5	531000	2535.0	DFT-s-OFDM 16 QAM	12@6	23.3	23.4	0.2188
7	15	5	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	23.27	23.37	0.2173
7	15	5	531000	2535.0	DFT-s-OFDM 16 QAM	1@23	23.31	23.41	0.2193
7	15	5	531000	2535.0	DFT-s-OFDM 64 QAM	12@6	21.94	22.04	0.16
7	15	5	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	21.92	22.02	0.1592
7	15	5	531000	2535.0	DFT-s-OFDM 64 QAM	1@23	22.06	22.16	0.1644
7	15	5	531000	2535.0	DFT-s-OFDM 256 QAM	12@6	19.85	19.95	0.0989
7	15	5	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	19.18	19.28	0.0847
7	15	5	531000	2535.0	DFT-s-OFDM 256 QAM	1@23	19.27	19.37	0.0865
7	15	5	531000	2535.0	CP-OFDM QPSK	13@6	22.89	22.99	0.1991
7	15	5	531000	2535.0	CP-OFDM QPSK	1@1	22.83	22.93	0.1963
7	15	5	531000	2535.0	CP-OFDM QPSK	1@23	22.77	22.87	0.1936
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	12@6	24.4	24.5	0.2818
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	24.5	24.6	0.2884
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@23	24.29	24.39	0.2748
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	12@6	24.33	24.43	0.2773
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	24.45	24.55	0.2851
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@23	24.0	24.1	0.257
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	12@6	23.55	23.65	0.2317

7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	23.45	23.55	0.2265
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@23	23.54	23.64	0.2312
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	12@6	22.2	22.3	0.1698
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@1	22.3	22.4	0.1738
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@23	22.31	22.41	0.1742
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	12@6	19.21	19.31	0.0853
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@1	19.38	19.48	0.0887
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@23	19.53	19.63	0.0918
7	15	5	537500	2567.5	CP-OFDM QPSK	13@6	23.04	23.14	0.2061
7	15	5	537500	2567.5	CP-OFDM QPSK	1@1	23.01	23.11	0.2046
7	15	5	537500	2567.5	CP-OFDM QPSK	1@23	23.07	23.17	0.2075
7	15	10	525000	2505.0	DFT-s-OFDM PI/2 BPSK	25@12	24.34	24.44	0.278
7	15	10	525000	2505.0	DFT-s-OFDM PI/2 BPSK	1@1	24.04	24.14	0.2594
7	15	10	525000	2505.0	DFT-s-OFDM PI/2 BPSK	1@50	24.4	24.5	0.2818
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	25@12	23.24	23.34	0.2158
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@1	22.51	22.61	0.1824
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@50	23.39	23.49	0.2234
7	15	10	525000	2505.0	DFT-s-OFDM 16 QAM	25@12	21.96	22.06	0.1607
7	15	10	525000	2505.0	DFT-s-OFDM 16 QAM	1@1	21.59	21.69	0.1476
7	15	10	525000	2505.0	DFT-s-OFDM 16 QAM	1@50	22.24	22.34	0.1714
7	15	10	525000	2505.0	DFT-s-OFDM 64 QAM	25@12	20.36	20.46	0.1112
7	15	10	525000	2505.0	DFT-s-OFDM 64 QAM	1@1	21.41	21.51	0.1416
7	15	10	525000	2505.0	DFT-s-OFDM 64 QAM	1@50	21.67	21.77	0.1503
7	15	10	525000	2505.0	DFT-s-OFDM 256 QAM	25@12	19.37	19.47	0.0885

7	15	10	525000	2505.0	DFT-s-OFDM 256 QAM	1@1	18.57	18.67	0.0736
7	15	10	525000	2505.0	DFT-s-OFDM 256 QAM	1@50	19.12	19.22	0.0836
7	15	10	525000	2505.0	CP-OFDM QPSK	26@13	21.63	21.73	0.1489
7	15	10	525000	2505.0	CP-OFDM QPSK	1@1	21.06	21.16	0.1306
7	15	10	525000	2505.0	CP-OFDM QPSK	1@50	22.05	22.15	0.1641
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@12	24.3	24.4	0.2754
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	24.26	24.36	0.2729
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@50	24.31	24.41	0.2761
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	25@12	23.93	24.03	0.2529
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@1	24.14	24.24	0.2655
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@50	24.18	24.28	0.2679
7	15	10	531000	2535.0	DFT-s-OFDM 16 QAM	25@12	23.44	23.54	0.2259
7	15	10	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	23.18	23.28	0.2128
7	15	10	531000	2535.0	DFT-s-OFDM 16 QAM	1@50	23.38	23.48	0.2228
7	15	10	531000	2535.0	DFT-s-OFDM 64 QAM	25@12	21.81	21.91	0.1552
7	15	10	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	22.0	22.1	0.1622
7	15	10	531000	2535.0	DFT-s-OFDM 64 QAM	1@50	21.95	22.05	0.1603
7	15	10	531000	2535.0	DFT-s-OFDM 256 QAM	25@12	19.84	19.94	0.0986
7	15	10	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	19.31	19.41	0.0873
7	15	10	531000	2535.0	DFT-s-OFDM 256 QAM	1@50	19.29	19.39	0.0869
7	15	10	531000	2535.0	CP-OFDM QPSK	26@13	22.86	22.96	0.1977
7	15	10	531000	2535.0	CP-OFDM QPSK	1@1	22.78	22.88	0.1941
7	15	10	531000	2535.0	CP-OFDM QPSK	1@50	22.96	23.06	0.2023
7	15	10	537000	2565.0	DFT-s-OFDM PI/2 BPSK	25@12	24.58	24.68	0.2938

7	15	10	537000	2565.0	DFT-s-OFDM PI/2 BPSK	1@1	24.55	24.65	0.2917
7	15	10	537000	2565.0	DFT-s-OFDM PI/2 BPSK	1@50	24.09	24.19	0.2624
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	25@12	24.42	24.52	0.2831
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@1	24.47	24.57	0.2864
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@50	24.28	24.38	0.2742
7	15	10	537000	2565.0	DFT-s-OFDM 16 QAM	25@12	23.79	23.89	0.2449
7	15	10	537000	2565.0	DFT-s-OFDM 16 QAM	1@1	23.64	23.74	0.2366
7	15	10	537000	2565.0	DFT-s-OFDM 16 QAM	1@50	23.6	23.7	0.2344
7	15	10	537000	2565.0	DFT-s-OFDM 64 QAM	25@12	22.05	22.15	0.1641
7	15	10	537000	2565.0	DFT-s-OFDM 64 QAM	1@1	22.2	22.3	0.1698
7	15	10	537000	2565.0	DFT-s-OFDM 64 QAM	1@50	22.33	22.43	0.175
7	15	10	537000	2565.0	DFT-s-OFDM 256 QAM	25@12	20.08	20.18	0.1042
7	15	10	537000	2565.0	DFT-s-OFDM 256 QAM	1@1	19.54	19.64	0.092
7	15	10	537000	2565.0	DFT-s-OFDM 256 QAM	1@50	19.73	19.83	0.0962
7	15	10	537000	2565.0	CP-OFDM QPSK	26@13	23.18	23.28	0.2128
7	15	10	537000	2565.0	CP-OFDM QPSK	1@1	23.1	23.2	0.2089
7	15	10	537000	2565.0	CP-OFDM QPSK	1@50	22.98	23.08	0.2032
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	36@18	24.26	24.36	0.2729
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	24.13	24.23	0.2649
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@77	24.37	24.47	0.2799
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	36@18	23.18	23.28	0.2128
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	22.22	22.32	0.1706
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@77	23.11	23.21	0.2094
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	36@18	23.24	23.34	0.2158

7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.1	22.2	0.166
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@77	22.6	22.7	0.1862
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	36@18	20.87	20.97	0.125
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@1	20.38	20.48	0.1117
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@77	21.05	21.15	0.1303
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	36@18	19.12	19.22	0.0836
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@1	18.29	18.39	0.069
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@77	19.36	19.46	0.0883
7	15	15	525500	2507.5	CP-OFDM QPSK	39@191	21.27	21.37	0.1371
7	15	15	525500	2507.5	CP-OFDM QPSK	1@1	21.42	21.52	0.1419
7	15	15	525500	2507.5	CP-OFDM QPSK	1@77	22.2	22.3	0.1698
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	36@18	24.32	24.42	0.2767
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	24.38	24.48	0.2805
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@77	24.41	24.51	0.2825
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	36@18	23.94	24.04	0.2535
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	1@1	24.28	24.38	0.2742
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	1@77	24.34	24.44	0.278
7	15	15	531000	2535.0	DFT-s-OFDM 16 QAM	36@18	23.33	23.43	0.2203
7	15	15	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	23.3	23.4	0.2188
7	15	15	531000	2535.0	DFT-s-OFDM 16 QAM	1@77	23.42	23.52	0.2249
7	15	15	531000	2535.0	DFT-s-OFDM 64 QAM	36@18	21.79	21.89	0.1545
7	15	15	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	22.08	22.18	0.1652
7	15	15	531000	2535.0	DFT-s-OFDM 64 QAM	1@77	22.1	22.2	0.166
7	15	15	531000	2535.0	DFT-s-OFDM 256 QAM	36@18	19.8	19.9	0.0977

7	15	15	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	19.42	19.52	0.0895
7	15	15	531000	2535.0	DFT-s-OFDM 256 QAM	1@77	19.42	19.52	0.0895
7	15	15	531000	2535.0	CP-OFDM QPSK	39@191	21.43	21.53	0.1422
7	15	15	531000	2535.0	CP-OFDM QPSK	1@1	22.74	22.84	0.1923
7	15	15	531000	2535.0	CP-OFDM QPSK	1@77	22.96	23.06	0.2023
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	36@18	24.38	24.48	0.2805
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	24.43	24.53	0.2838
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@77	24.33	24.43	0.2773
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	36@18	24.39	24.49	0.2812
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	24.48	24.58	0.2871
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@77	24.1	24.2	0.263
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	36@18	23.76	23.86	0.2432
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	23.42	23.52	0.2249
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@77	23.69	23.79	0.2393
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	36@18	22.19	22.29	0.1694
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@1	22.26	22.36	0.1722
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@77	22.6	22.7	0.1862
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	36@18	19.89	19.99	0.0998
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@1	19.41	19.51	0.0893
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@77	19.61	19.71	0.0935
7	15	15	536500	2562.5	CP-OFDM QPSK	39@191	21.49	21.59	0.1442
7	15	15	536500	2562.5	CP-OFDM QPSK	1@1	23.11	23.21	0.2094
7	15	15	536500	2562.5	CP-OFDM QPSK	1@77	23.08	23.18	0.208
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	50@25	24.32	24.42	0.2767

7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@1	23.75	23.85	0.2427
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@104	24.4	24.5	0.2818
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	50@25	23.06	23.16	0.207
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@1	22.28	22.38	0.173
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@104	24.39	24.49	0.2812
7	15	20	526000	2510.0	DFT-s-OFDM 16 QAM	50@25	22.76	22.86	0.1932
7	15	20	526000	2510.0	DFT-s-OFDM 16 QAM	1@1	21.93	22.03	0.1596
7	15	20	526000	2510.0	DFT-s-OFDM 16 QAM	1@104	22.65	22.75	0.1884
7	15	20	526000	2510.0	DFT-s-OFDM 64 QAM	50@25	20.84	20.94	0.1242
7	15	20	526000	2510.0	DFT-s-OFDM 64 QAM	1@1	20.32	20.42	0.1102
7	15	20	526000	2510.0	DFT-s-OFDM 64 QAM	1@104	21.17	21.27	0.134
7	15	20	526000	2510.0	DFT-s-OFDM 256 QAM	50@25	19.14	19.24	0.0839
7	15	20	526000	2510.0	DFT-s-OFDM 256 QAM	1@1	17.61	17.71	0.059
7	15	20	526000	2510.0	DFT-s-OFDM 256 QAM	1@104	18.34	18.44	0.0698
7	15	20	526000	2510.0	CP-OFDM QPSK	53@26	21.6	21.7	0.1479
7	15	20	526000	2510.0	CP-OFDM QPSK	1@1	21.98	22.08	0.1614
7	15	20	526000	2510.0	CP-OFDM QPSK	1@104	22.94	23.04	0.2014
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@25	24.29	24.39	0.2748
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	24.36	24.46	0.2793
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@104	24.41	24.51	0.2825
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	50@25	24.33	24.43	0.2773
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@1	23.87	23.97	0.2495
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@104	24.54	24.64	0.2911
7	15	20	531000	2535.0	DFT-s-OFDM 16 QAM	50@25	23.49	23.59	0.2286

7	15	20	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	23.42	23.52	0.2249
7	15	20	531000	2535.0	DFT-s-OFDM 16 QAM	1@104	23.53	23.63	0.2307
7	15	20	531000	2535.0	DFT-s-OFDM 64 QAM	50@25	21.93	22.03	0.1596
7	15	20	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	21.89	21.99	0.1581
7	15	20	531000	2535.0	DFT-s-OFDM 64 QAM	1@104	22.16	22.26	0.1683
7	15	20	531000	2535.0	DFT-s-OFDM 256 QAM	50@25	19.93	20.03	0.1007
7	15	20	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	19.38	19.48	0.0887
7	15	20	531000	2535.0	DFT-s-OFDM 256 QAM	1@104	19.43	19.53	0.0897
7	15	20	531000	2535.0	CP-OFDM QPSK	53@26	22.99	23.09	0.2037
7	15	20	531000	2535.0	CP-OFDM QPSK	1@1	22.72	22.82	0.1914
7	15	20	531000	2535.0	CP-OFDM QPSK	1@104	19.1	19.2	0.0832
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	50@25	24.42	24.52	0.2831
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@1	24.34	24.44	0.278
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@104	24.49	24.59	0.2877
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	50@25	24.66	24.76	0.2992
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@1	24.35	24.45	0.2786
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@104	24.62	24.72	0.2965
7	15	20	536000	2560.0	DFT-s-OFDM 16 QAM	50@25	23.73	23.83	0.2415
7	15	20	536000	2560.0	DFT-s-OFDM 16 QAM	1@1	23.55	23.65	0.2317
7	15	20	536000	2560.0	DFT-s-OFDM 16 QAM	1@104	23.66	23.76	0.2377
7	15	20	536000	2560.0	DFT-s-OFDM 64 QAM	50@25	22.22	22.32	0.1706
7	15	20	536000	2560.0	DFT-s-OFDM 64 QAM	1@1	22.32	22.42	0.1746
7	15	20	536000	2560.0	DFT-s-OFDM 64 QAM	1@104	22.63	22.73	0.1875
7	15	20	536000	2560.0	DFT-s-OFDM 256 QAM	50@25	20.2	20.3	0.1072

7	15	20	536000	2560.0	DFT-s-OFDM 256 QAM	1@1	19.41	19.51	0.0893
7	15	20	536000	2560.0	DFT-s-OFDM 256 QAM	1@104	19.52	19.62	0.0916
7	15	20	536000	2560.0	CP-OFDM QPSK	53@26	22.95	23.05	0.2018
7	15	20	536000	2560.0	CP-OFDM QPSK	1@1	22.89	22.99	0.1991
7	15	20	536000	2560.0	CP-OFDM QPSK	1@104	23.27	23.37	0.2173
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	64@32	23.76	23.86	0.2432
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	23.65	0.2317
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@131	23.75	23.85	0.2427
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	64@32	23.76	23.86	0.2432
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@1	22.61	22.71	0.1866
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@131	23.48	23.58	0.228
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	64@32	21.89	21.99	0.1581
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@1	21.3	21.4	0.138
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@131	22.21	22.31	0.1702
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	64@32	20.24	20.34	0.1081
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@1	19.85	19.95	0.0989
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@131	20.85	20.95	0.1245
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	64@32	18.67	18.77	0.0753
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@1	17.19	17.29	0.0536
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@131	18.13	18.23	0.0665
7	15	25	526500	2512.5	CP-OFDM QPSK	67@33	22.24	22.34	0.1714
7	15	25	526500	2512.5	CP-OFDM QPSK	1@1	21.21	21.31	0.1352
7	15	25	526500	2512.5	CP-OFDM QPSK	1@131	22.16	22.26	0.1683
7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	64@32	23.56	23.66	0.2323

7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	23.82	23.92	0.2466
7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@131	23.53	23.63	0.2307
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	64@32	23.31	23.41	0.2193
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	1@1	22.98	23.08	0.2032
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	1@131	23.64	23.74	0.2366
7	15	25	531000	2535.0	DFT-s-OFDM 16 QAM	64@32	22.08	22.18	0.1652
7	15	25	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	21.81	21.91	0.1552
7	15	25	531000	2535.0	DFT-s-OFDM 16 QAM	1@131	22.74	22.84	0.1923
7	15	25	531000	2535.0	DFT-s-OFDM 64 QAM	64@32	20.66	20.76	0.1191
7	15	25	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	20.5	20.6	0.1148
7	15	25	531000	2535.0	DFT-s-OFDM 64 QAM	1@131	21.44	21.54	0.1426
7	15	25	531000	2535.0	DFT-s-OFDM 256 QAM	64@32	19.19	19.29	0.0849
7	15	25	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	17.91	18.01	0.0632
7	15	25	531000	2535.0	DFT-s-OFDM 256 QAM	1@131	18.72	18.82	0.0762
7	15	25	531000	2535.0	CP-OFDM QPSK	67@33	21.73	21.83	0.1524
7	15	25	531000	2535.0	CP-OFDM QPSK	1@1	21.49	21.59	0.1442
7	15	25	531000	2535.0	CP-OFDM QPSK	1@131	22.26	22.36	0.1722
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	64@32	23.45	23.55	0.2265
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	23.65	0.2317
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@131	23.27	23.37	0.2173
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	64@32	23.5	23.6	0.2291
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@1	23.42	23.52	0.2249
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@131	22.61	22.71	0.1866
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	64@32	22.35	22.45	0.1758

7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@1	22.34	22.44	0.1754
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@131	21.91	22.01	0.1589
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	64@32	20.96	21.06	0.1276
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@1	21.11	21.21	0.1321
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@131	20.95	21.05	0.1274
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	64@32	19.17	19.27	0.0845
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@1	18.48	18.58	0.0721
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@131	18.63	18.73	0.0746
7	15	25	535500	2557.5	CP-OFDM QPSK	67@33	22.02	22.12	0.1629
7	15	25	535500	2557.5	CP-OFDM QPSK	1@1	22.1	22.2	0.166
7	15	25	535500	2557.5	CP-OFDM QPSK	1@131	21.67	21.77	0.1503
7	15	30	527000	2515.0	DFT-s-OFDM PI/2 BPSK	80@40	23.76	23.86	0.2432
7	15	30	527000	2515.0	DFT-s-OFDM PI/2 BPSK	1@1	22.47	22.57	0.1807
7	15	30	527000	2515.0	DFT-s-OFDM PI/2 BPSK	1@158	23.57	23.67	0.2328
7	15	30	527000	2515.0	DFT-s-OFDM QPSK	80@40	24.48	24.58	0.2871
7	15	30	527000	2515.0	DFT-s-OFDM QPSK	1@1	23.63	23.73	0.236
7	15	30	527000	2515.0	DFT-s-OFDM QPSK	1@158	24.36	24.46	0.2793
7	15	30	527000	2515.0	DFT-s-OFDM 16 QAM	80@40	22.9	23.0	0.1995
7	15	30	527000	2515.0	DFT-s-OFDM 16 QAM	1@1	22.27	22.37	0.1726
7	15	30	527000	2515.0	DFT-s-OFDM 16 QAM	1@158	23.29	23.39	0.2183
7	15	30	527000	2515.0	DFT-s-OFDM 64 QAM	80@40	21.19	21.29	0.1346
7	15	30	527000	2515.0	DFT-s-OFDM 64 QAM	1@1	20.72	20.82	0.1208
7	15	30	527000	2515.0	DFT-s-OFDM 64 QAM	1@158	21.87	21.97	0.1574
7	15	30	527000	2515.0	DFT-s-OFDM 256 QAM	80@40	19.55	19.65	0.0923

7	15	30	527000	2515.0	DFT-s-OFDM 256 QAM	1@1	17.83	17.93	0.0621
7	15	30	527000	2515.0	DFT-s-OFDM 256 QAM	1@158	18.98	19.08	0.0809
7	15	30	527000	2515.0	CP-OFDM QPSK	80@40	21.91	22.01	0.1589
7	15	30	527000	2515.0	CP-OFDM QPSK	1@1	21.18	21.28	0.1343
7	15	30	527000	2515.0	CP-OFDM QPSK	1@158	22.53	22.63	0.1832
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	80@40	24.27	24.37	0.2735
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.57	0.2864
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@158	24.23	24.33	0.271
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	80@40	23.77	23.87	0.2438
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	1@1	23.2	23.3	0.2138
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	1@158	24.33	24.43	0.2773
7	15	30	531000	2535.0	DFT-s-OFDM 16 QAM	80@40	22.58	22.68	0.1854
7	15	30	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	22.09	22.19	0.1656
7	15	30	531000	2535.0	DFT-s-OFDM 16 QAM	1@158	23.42	23.52	0.2249
7	15	30	531000	2535.0	DFT-s-OFDM 64 QAM	80@40	21.21	21.31	0.1352
7	15	30	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	20.83	20.93	0.1239
7	15	30	531000	2535.0	DFT-s-OFDM 64 QAM	1@158	22.21	22.31	0.1702
7	15	30	531000	2535.0	DFT-s-OFDM 256 QAM	80@40	19.79	19.89	0.0975
7	15	30	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	18.1	18.2	0.0661
7	15	30	531000	2535.0	DFT-s-OFDM 256 QAM	1@158	19.41	19.51	0.0893
7	15	30	531000	2535.0	CP-OFDM QPSK	80@40	22.26	22.36	0.1722
7	15	30	531000	2535.0	CP-OFDM QPSK	1@1	21.88	21.98	0.1578
7	15	30	531000	2535.0	CP-OFDM QPSK	1@158	22.99	23.09	0.2037
7	15	30	535000	2555.0	DFT-s-OFDM PI/2 BPSK	80@40	24.23	24.33	0.271

7	15	30	535000	2555.0	DFT-s-OFDM PI/2 BPSK	1@1	24.27	24.37	0.2735
7	15	30	535000	2555.0	DFT-s-OFDM PI/2 BPSK	1@158	23.92	24.02	0.2523
7	15	30	535000	2555.0	DFT-s-OFDM QPSK	80@40	24.07	24.17	0.2612
7	15	30	535000	2555.0	DFT-s-OFDM QPSK	1@1	23.62	23.72	0.2355
7	15	30	535000	2555.0	DFT-s-OFDM QPSK	1@158	23.25	23.35	0.2163
7	15	30	535000	2555.0	DFT-s-OFDM 16 QAM	80@40	22.94	23.04	0.2014
7	15	30	535000	2555.0	DFT-s-OFDM 16 QAM	1@1	22.58	22.68	0.1854
7	15	30	535000	2555.0	DFT-s-OFDM 16 QAM	1@158	22.55	22.65	0.1841
7	15	30	535000	2555.0	DFT-s-OFDM 64 QAM	80@40	21.61	21.71	0.1483
7	15	30	535000	2555.0	DFT-s-OFDM 64 QAM	1@1	21.36	21.46	0.14
7	15	30	535000	2555.0	DFT-s-OFDM 64 QAM	1@158	21.62	21.72	0.1486
7	15	30	535000	2555.0	DFT-s-OFDM 256 QAM	80@40	19.93	20.03	0.1007
7	15	30	535000	2555.0	DFT-s-OFDM 256 QAM	1@1	18.56	18.66	0.0735
7	15	30	535000	2555.0	DFT-s-OFDM 256 QAM	1@158	19.18	19.28	0.0847
7	15	30	535000	2555.0	CP-OFDM QPSK	80@40	22.74	22.84	0.1923
7	15	30	535000	2555.0	CP-OFDM QPSK	1@1	22.37	22.47	0.1766
7	15	30	535000	2555.0	CP-OFDM QPSK	1@158	22.4	22.5	0.1778
7	15	40	528000	2520.0	DFT-s-OFDM PI/2 BPSK	108@54	24.49	24.59	0.2877
7	15	40	528000	2520.0	DFT-s-OFDM PI/2 BPSK	1@1	23.05	23.15	0.2065
7	15	40	528000	2520.0	DFT-s-OFDM PI/2 BPSK	1@214	24.3	24.4	0.2754
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	108@54	22.64	22.74	0.1879
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	1@1	21.85	21.95	0.1567
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	1@214	23.46	23.56	0.227
7	15	40	528000	2520.0	DFT-s-OFDM 16 QAM	108@54	21.56	21.66	0.1466

7	15	40	528000	2520.0	DFT-s-OFDM 16 QAM	1@1	20.91	21.01	0.1262
7	15	40	528000	2520.0	DFT-s-OFDM 16 QAM	1@214	22.48	22.58	0.1811
7	15	40	528000	2520.0	DFT-s-OFDM 64 QAM	108@54	20.12	20.22	0.1052
7	15	40	528000	2520.0	DFT-s-OFDM 64 QAM	1@1	19.62	19.72	0.0938
7	15	40	528000	2520.0	DFT-s-OFDM 64 QAM	1@214	21.31	21.41	0.1384
7	15	40	528000	2520.0	DFT-s-OFDM 256 QAM	108@54	18.74	18.84	0.0766
7	15	40	528000	2520.0	DFT-s-OFDM 256 QAM	1@1	16.64	16.74	0.0472
7	15	40	528000	2520.0	DFT-s-OFDM 256 QAM	1@214	18.3	18.4	0.0692
7	15	40	528000	2520.0	CP-OFDM QPSK	108@54	21.27	21.37	0.1371
7	15	40	528000	2520.0	CP-OFDM QPSK	1@1	20.57	20.67	0.1167
7	15	40	528000	2520.0	CP-OFDM QPSK	1@214	22.23	22.33	0.171
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	108@54	24.45	24.55	0.2851
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@1	23.86	23.96	0.2489
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@214	23.87	23.97	0.2495
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	108@54	24.12	24.22	0.2642
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	1@1	22.72	22.82	0.1914
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	1@214	24.0	24.1	0.257
7	15	40	531000	2535.0	DFT-s-OFDM 16 QAM	108@54	21.8	21.9	0.1549
7	15	40	531000	2535.0	DFT-s-OFDM 16 QAM	1@1	21.01	21.11	0.1291
7	15	40	531000	2535.0	DFT-s-OFDM 16 QAM	1@214	22.62	22.72	0.1871
7	15	40	531000	2535.0	DFT-s-OFDM 64 QAM	108@54	20.1	20.2	0.1047
7	15	40	531000	2535.0	DFT-s-OFDM 64 QAM	1@1	19.5	19.6	0.0912
7	15	40	531000	2535.0	DFT-s-OFDM 64 QAM	1@214	21.26	21.36	0.1368
7	15	40	531000	2535.0	DFT-s-OFDM 256 QAM	108@54	18.57	18.67	0.0736

7	15	40	531000	2535.0	DFT-s-OFDM 256 QAM	1@1	16.37	16.47	0.0444
7	15	40	531000	2535.0	DFT-s-OFDM 256 QAM	1@214	18.2	18.3	0.0676
7	15	40	531000	2535.0	CP-OFDM QPSK	108@54	20.96	21.06	0.1276
7	15	40	531000	2535.0	CP-OFDM QPSK	1@1	20.38	20.48	0.1117
7	15	40	531000	2535.0	CP-OFDM QPSK	1@214	22.0	22.1	0.1622
7	15	40	534000	2550.0	DFT-s-OFDM PI/2 BPSK	108@54	24.33	24.43	0.2773
7	15	40	534000	2550.0	DFT-s-OFDM PI/2 BPSK	1@1	23.0	23.1	0.2042
7	15	40	534000	2550.0	DFT-s-OFDM PI/2 BPSK	1@214	22.74	22.84	0.1923
7	15	40	534000	2550.0	DFT-s-OFDM QPSK	108@54	22.65	22.75	0.1884
7	15	40	534000	2550.0	DFT-s-OFDM QPSK	1@1	21.7	21.8	0.1514
7	15	40	534000	2550.0	DFT-s-OFDM QPSK	1@214	21.99	22.09	0.1618
7	15	40	534000	2550.0	DFT-s-OFDM 16 QAM	108@54	21.61	21.71	0.1483
7	15	40	534000	2550.0	DFT-s-OFDM 16 QAM	1@1	20.69	20.79	0.1199
7	15	40	534000	2550.0	DFT-s-OFDM 16 QAM	1@214	21.27	21.37	0.1371
7	15	40	534000	2550.0	DFT-s-OFDM 64 QAM	108@54	20.19	20.29	0.1069
7	15	40	534000	2550.0	DFT-s-OFDM 64 QAM	1@1	19.45	19.55	0.0902
7	15	40	534000	2550.0	DFT-s-OFDM 64 QAM	1@214	20.25	20.35	0.1084
7	15	40	534000	2550.0	DFT-s-OFDM 256 QAM	108@54	18.82	18.92	0.078
7	15	40	534000	2550.0	DFT-s-OFDM 256 QAM	1@1	16.39	16.49	0.0446
7	15	40	534000	2550.0	DFT-s-OFDM 256 QAM	1@214	17.54	17.64	0.0581
7	15	40	534000	2550.0	CP-OFDM QPSK	108@54	21.37	21.47	0.1403
7	15	40	534000	2550.0	CP-OFDM QPSK	1@1	20.51	20.61	0.1151
7	15	40	534000	2550.0	CP-OFDM QPSK	1@214	21.12	21.22	0.1324

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00132	PASS	NV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00768	PASS	LV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.0013	PASS	HV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00528	PASS	-30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00891	PASS	-20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00203	PASS	-10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00793	PASS	0°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00436	PASS	10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00316	PASS	20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00103	PASS	30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00735	PASS	40°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	-0.00622	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	100@0	3.78	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@0	3.86	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	5.25	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	5.84	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	3.82	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.61	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	5.09	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	5.42	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	100@0	3.99	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@0	3.69	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	5.09	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	5.32	13	PASS

B5\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



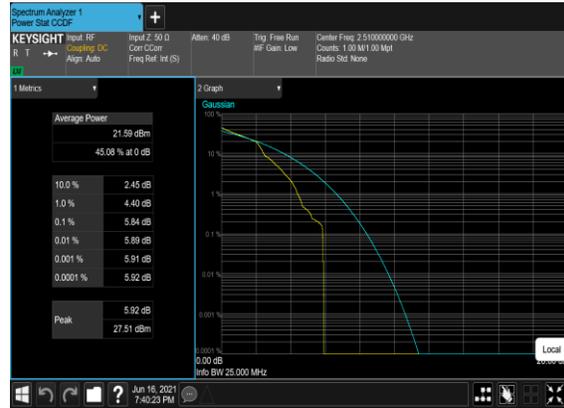
B5\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



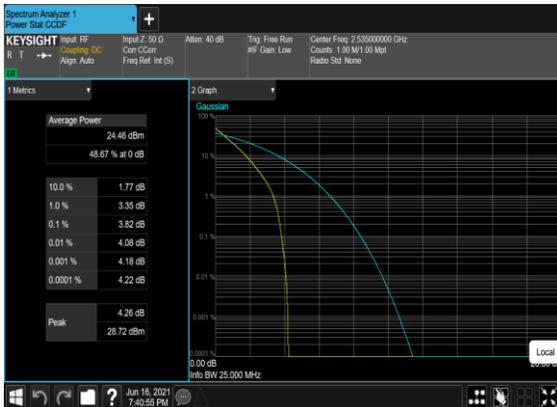
B5\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



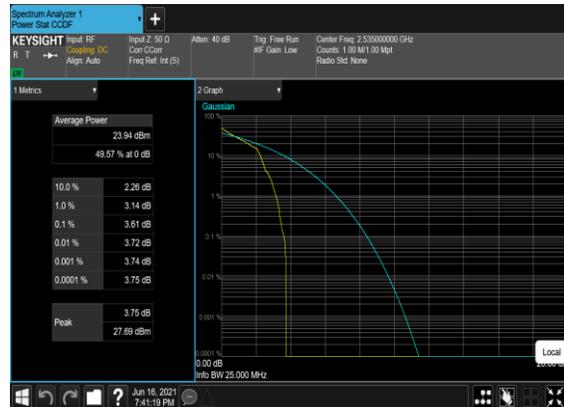
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B5\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



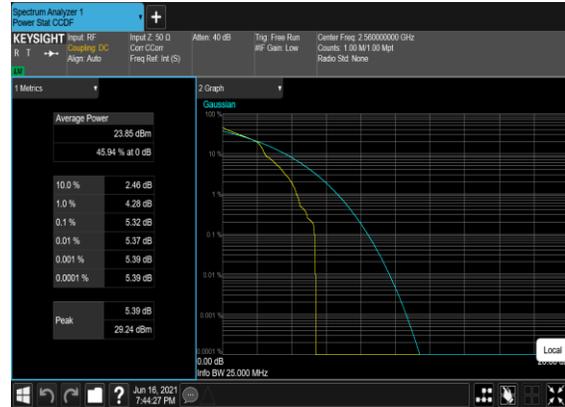
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B5\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B5\_N7(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)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.461	4.876
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.4726	4.831
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.4659	4.917
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4896	4.94
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.4825	4.958
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4645	4.885
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8877	9.431
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.9079	9.535
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2703	9.874
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.26	9.847
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.2674	9.847
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2943	9.923
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.379	14.09
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.373	14.11
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.088	14.83
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.104	14.87
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.12	14.81
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.071	14.78
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.833	18.67
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.835	18.94
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.899	19.8
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.909	19.67
7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.91	19.75
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.952	19.82

7	15	25	531000	2535.0	DFT-s-OFDM PI/2 BPSK	128@0	22.832	23.76
7	15	25	531000	2535.0	DFT-s-OFDM QPSK	128@0	22.861	23.7
7	15	25	531000	2535.0	CP-OFDM QPSK	133@0	23.7	24.72
7	15	25	531000	2535.0	CP-OFDM 16 QAM	133@0	23.716	24.66
7	15	25	531000	2535.0	CP-OFDM 64 QAM	133@0	23.699	24.68
7	15	25	531000	2535.0	CP-OFDM 256 QAM	133@0	23.726	24.65
7	15	30	531000	2535.0	DFT-s-OFDM PI/2 BPSK	160@0	28.535	29.53
7	15	30	531000	2535.0	DFT-s-OFDM QPSK	160@0	28.519	29.68
7	15	30	531000	2535.0	CP-OFDM QPSK	160@0	28.508	29.59
7	15	30	531000	2535.0	CP-OFDM 16 QAM	160@0	28.598	29.58
7	15	30	531000	2535.0	CP-OFDM 64 QAM	160@0	28.492	30.99
7	15	30	531000	2535.0	CP-OFDM 256 QAM	160@0	28.569	29.73
7	15	40	531000	2535.0	DFT-s-OFDM PI/2 BPSK	216@0	38.502	39.88
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	216@0	38.589	39.94
7	15	40	531000	2535.0	CP-OFDM QPSK	216@0	38.439	39.83
7	15	40	531000	2535.0	CP-OFDM 16 QAM	216@0	38.436	39.86
7	15	40	531000	2535.0	CP-OFDM 64 QAM	216@0	38.525	39.84
7	15	40	531000	2535.0	CP-OFDM 256 QAM	216@0	38.437	39.9

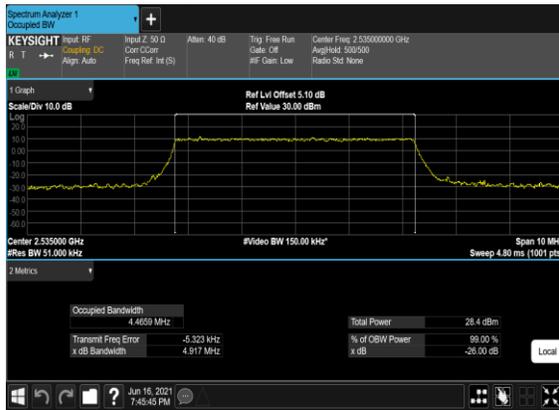
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BPSK\_Outer\_Full\_Mid\_CH



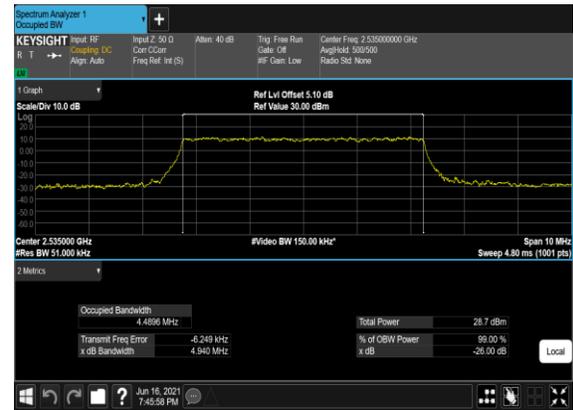
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



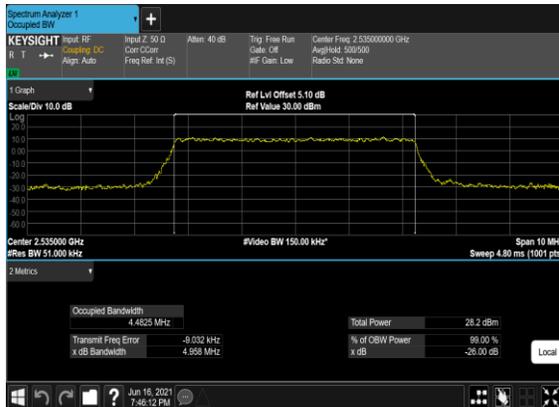
B5\_N7(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



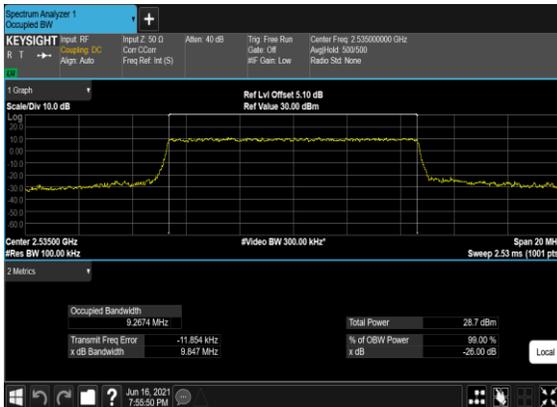
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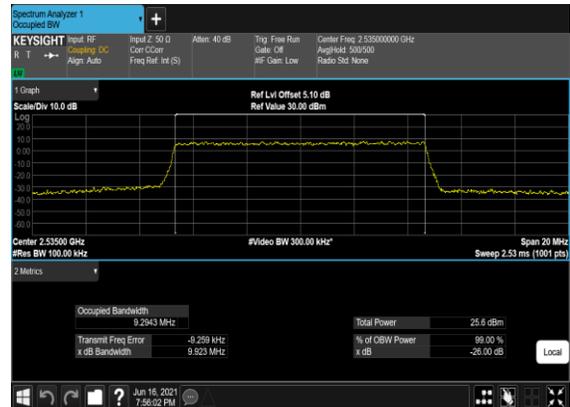
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QAM\_Outer\_Full\_Mid\_CH



B5\_N7(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



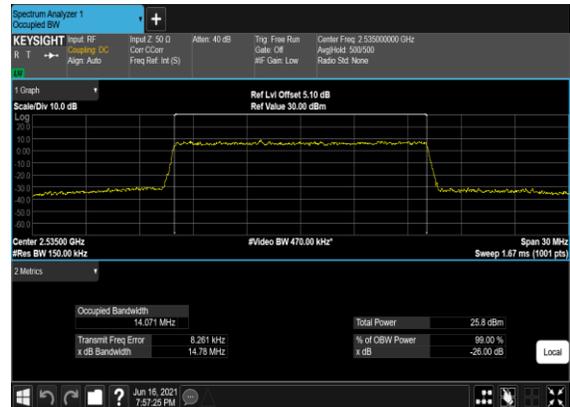
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QAM\_Outer\_Full\_Mid\_CH



B5\_N7(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



### B5\_N7(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B5\_N7(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B5\_N7(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



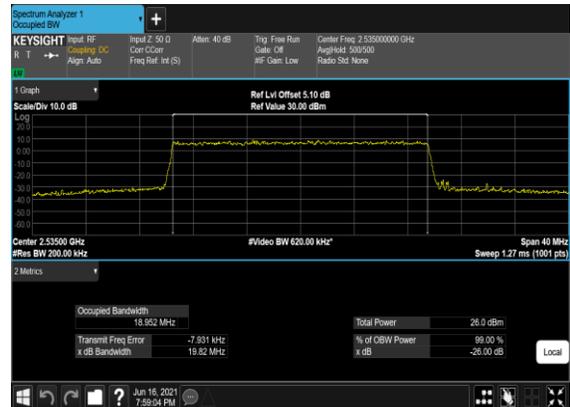
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### B5\_N7(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B5\_N7(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(25M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(40M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B5\_N7(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N7(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



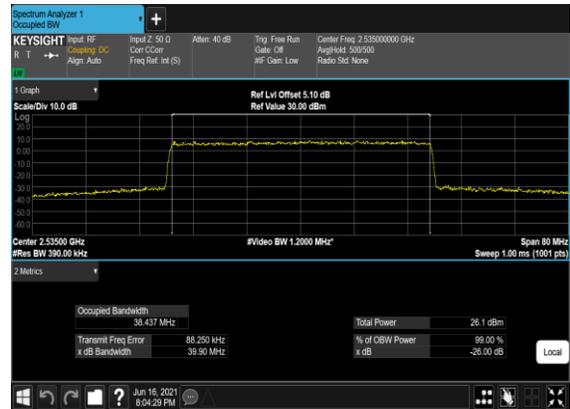
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QAM\_Outer\_Full\_Mid\_CH



B5\_N7(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N7(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



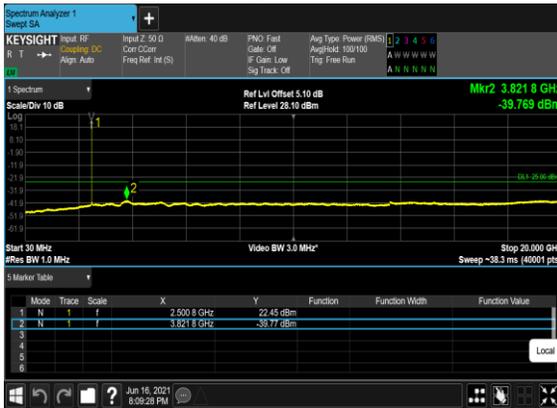
## Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	---

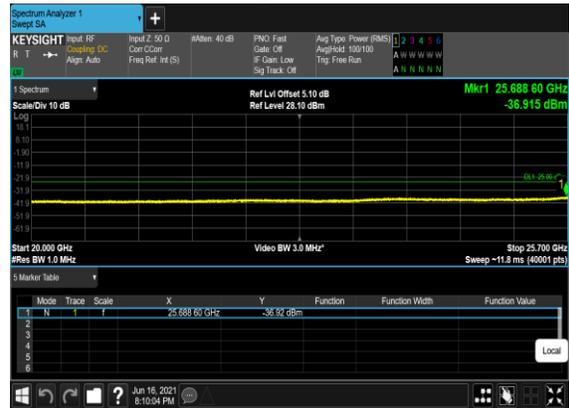
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7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	40	528000	2520.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	40	528000	2520.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	528000	2520.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	40	528000	2520.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	40	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	40	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---

7	15	40	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	40	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	40	534000	2550.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	40	534000	2550.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	534000	2550.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	40	534000	2550.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	40	534000	2550.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
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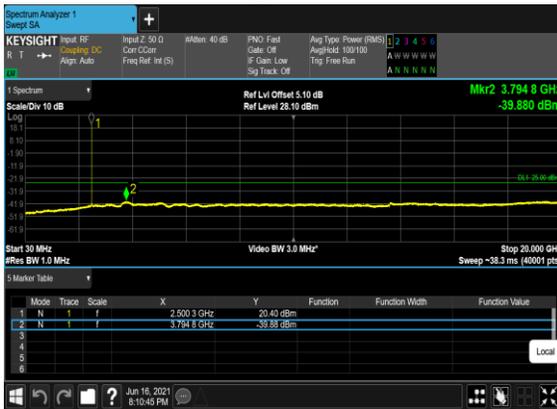
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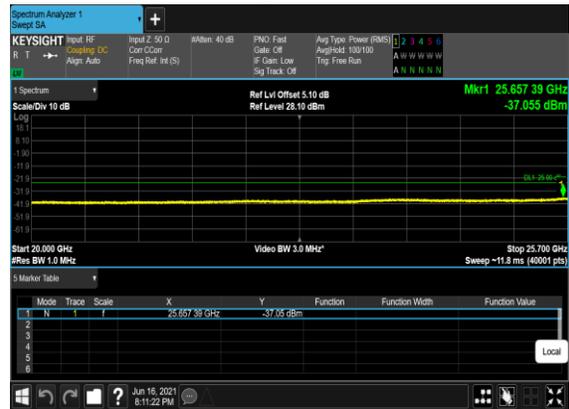
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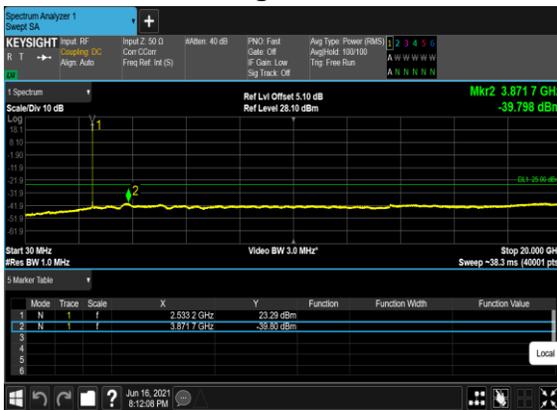
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B5\_N7(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



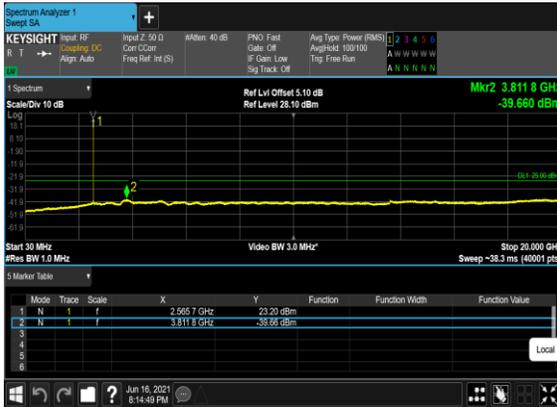
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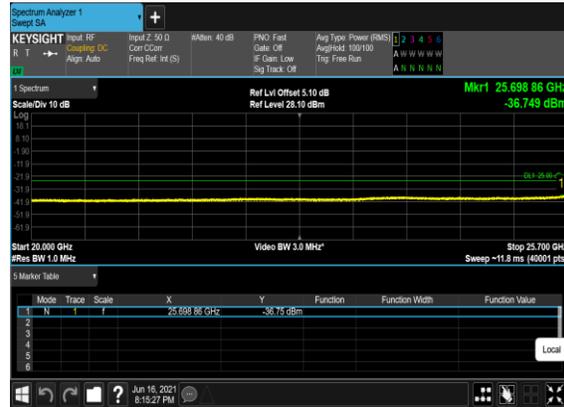
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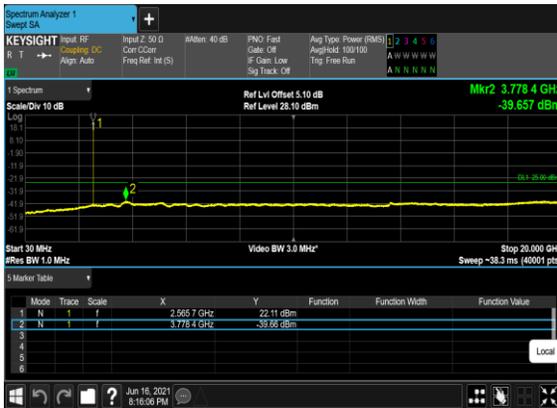
B5\_N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B5\_N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B5\_N7(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B5\_N7(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

