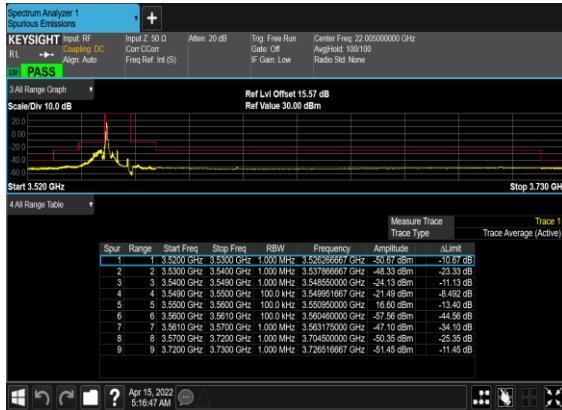
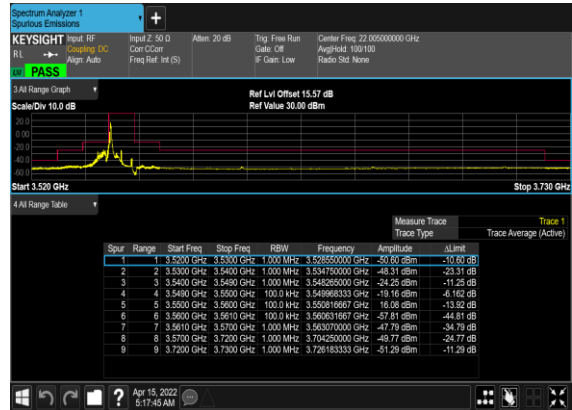


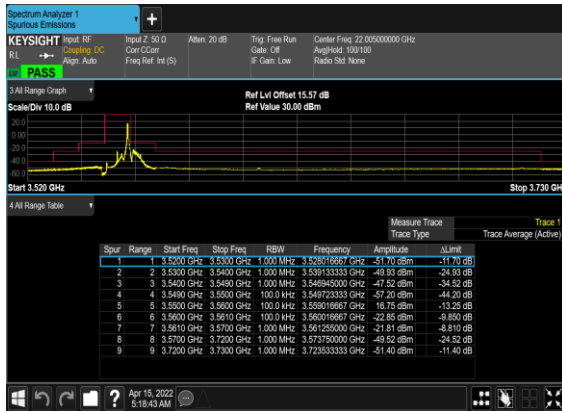
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



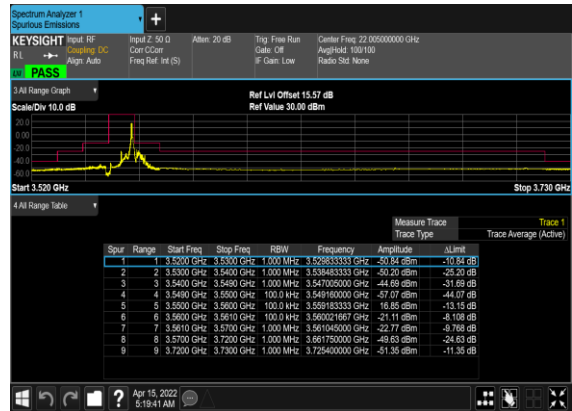
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



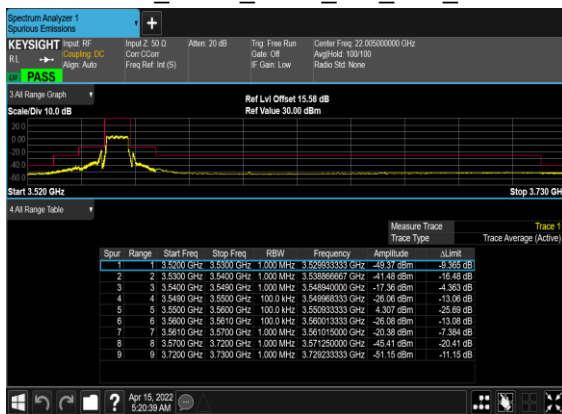
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH



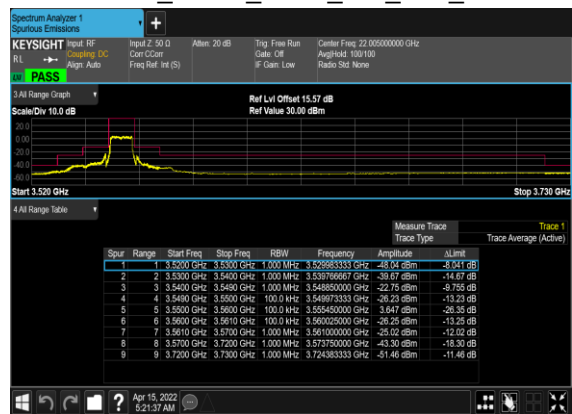
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



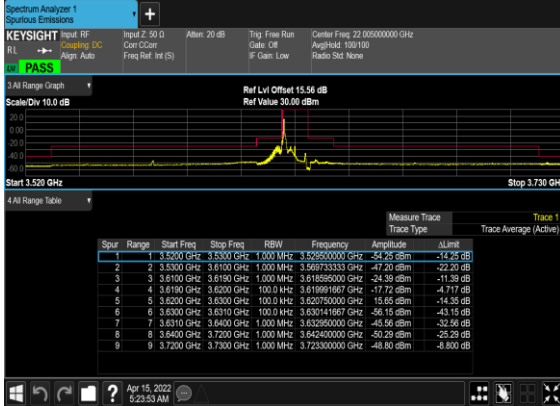
### N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



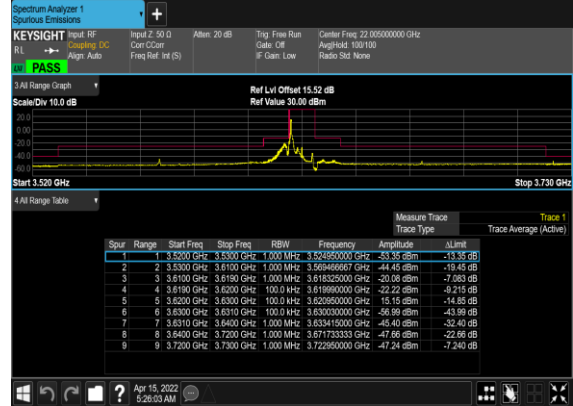
### N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



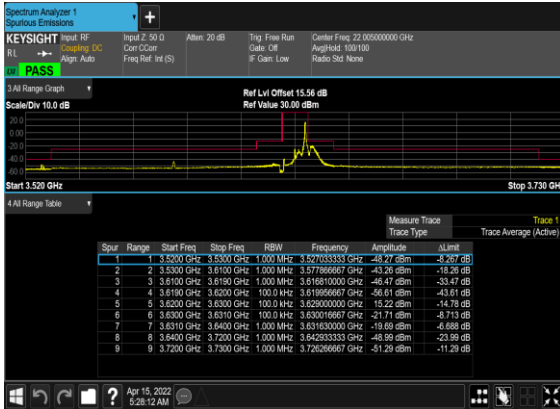
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



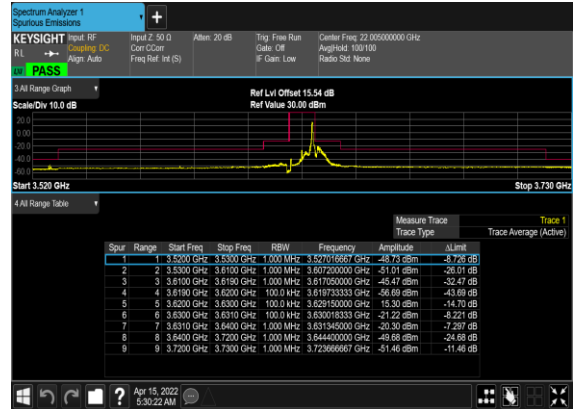
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



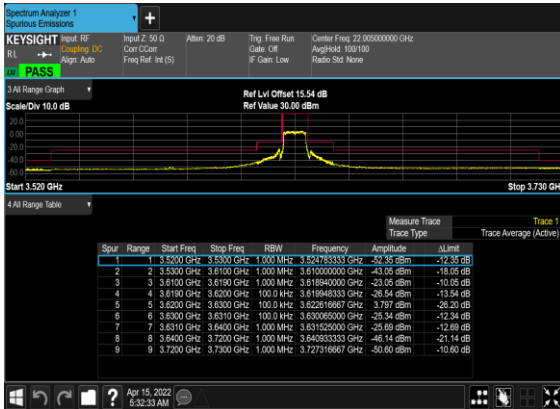
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



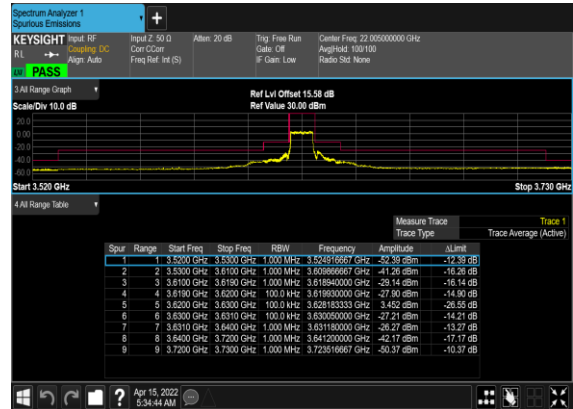
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



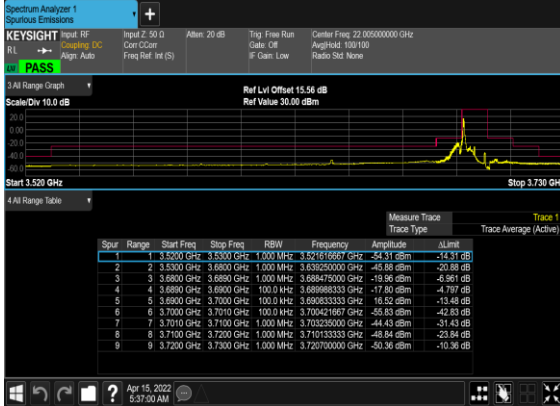
### N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



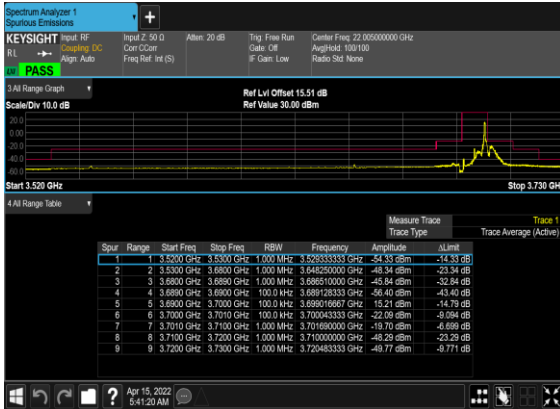
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



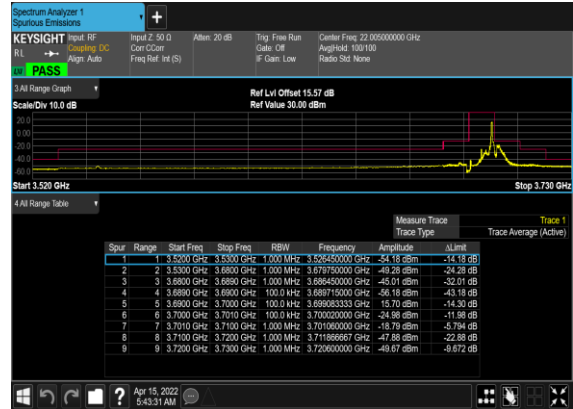
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



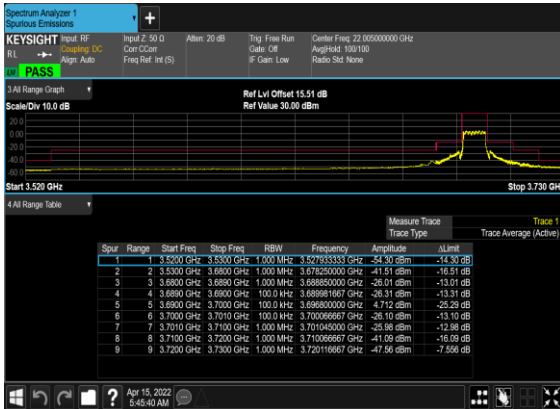
### N48(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



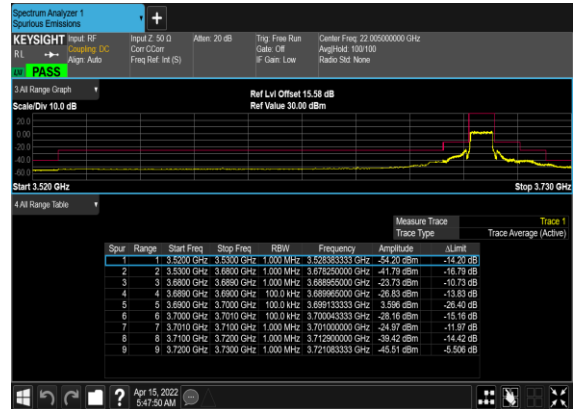
### N48(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



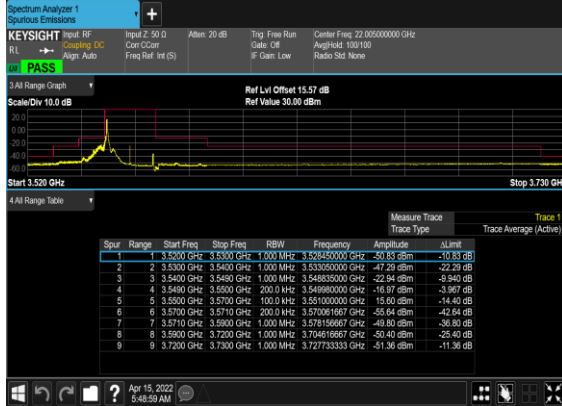
### N48(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



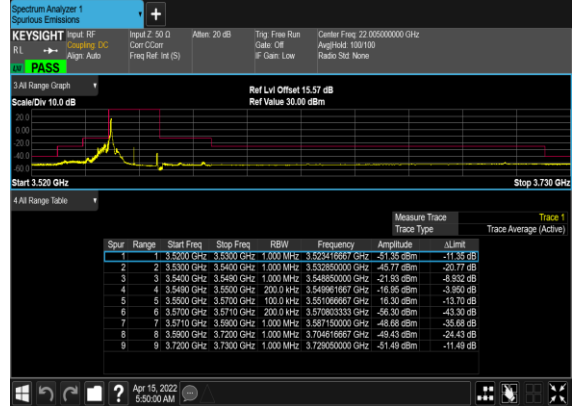
### N48(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



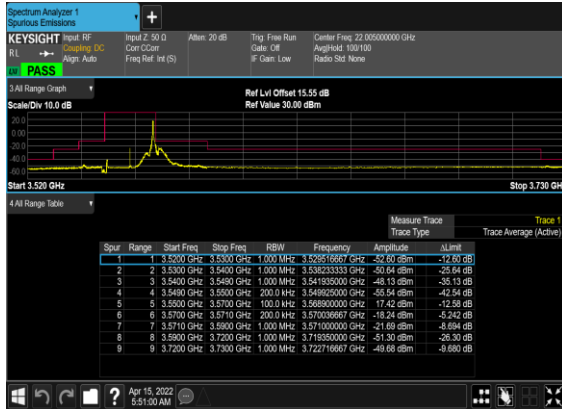
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



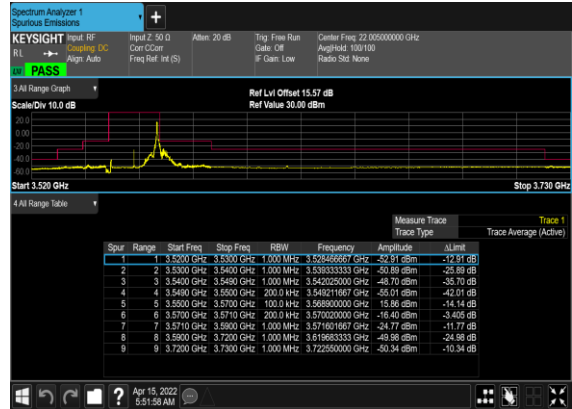
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



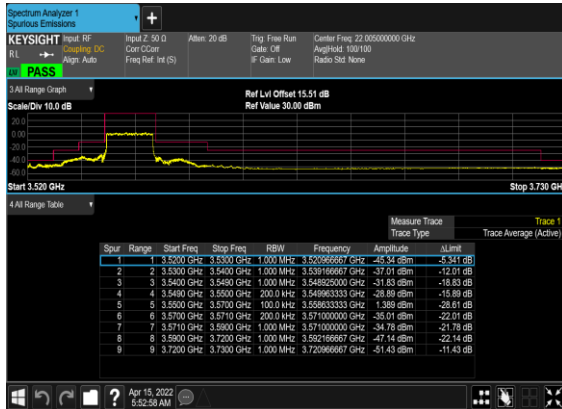
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH



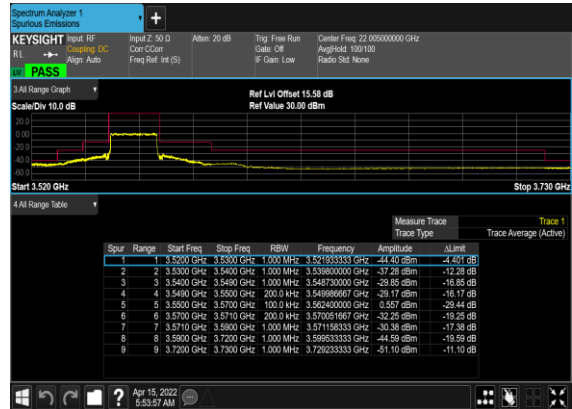
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



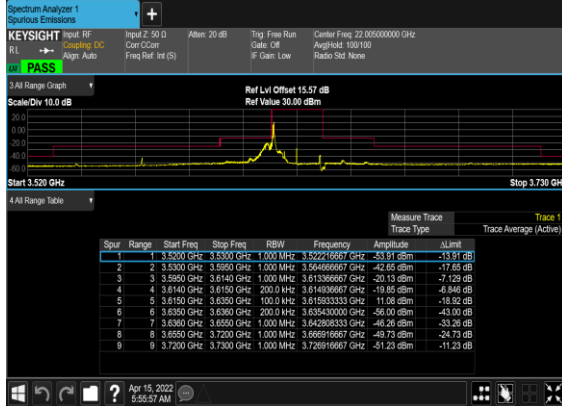
### N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



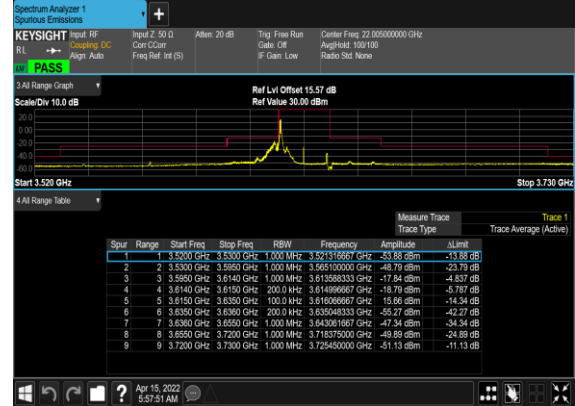
### N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



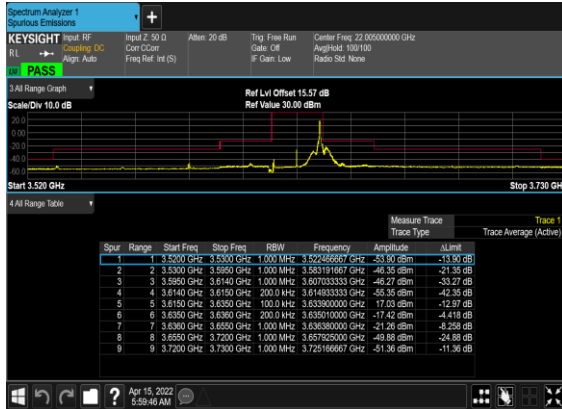
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



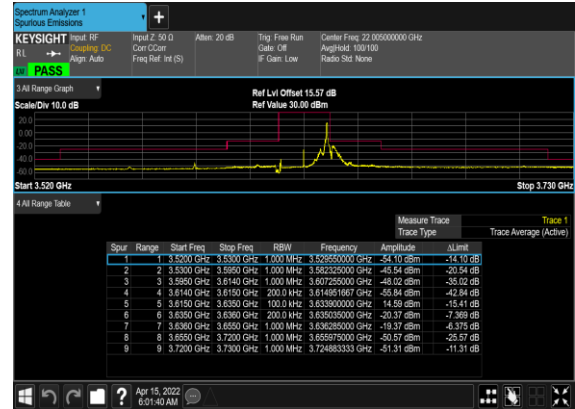
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



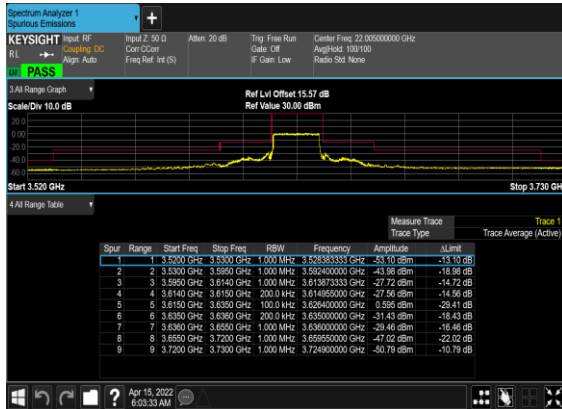
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



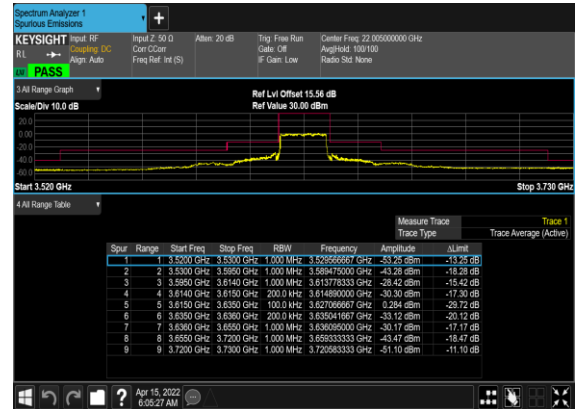
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



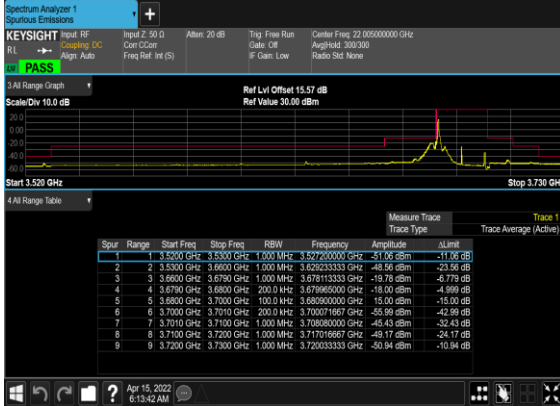
### N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



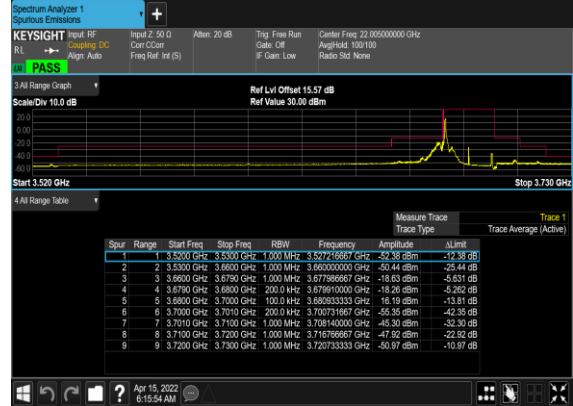
### N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



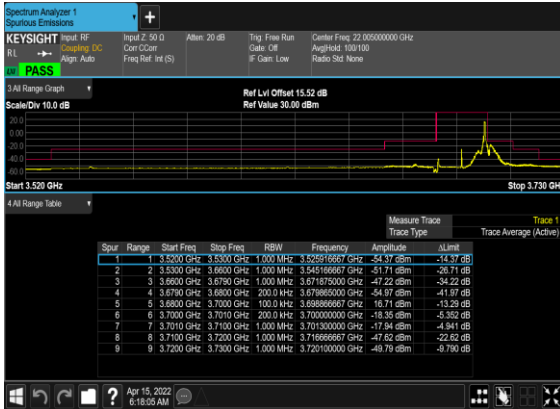
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



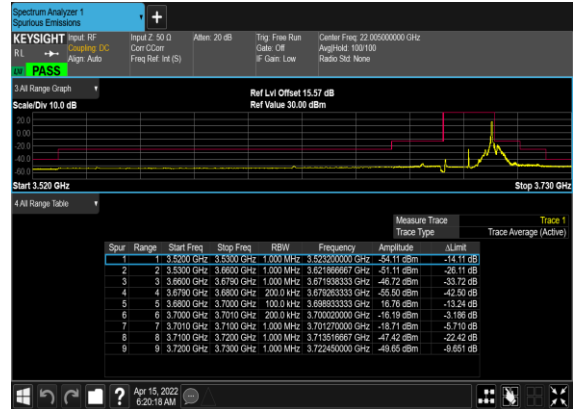
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



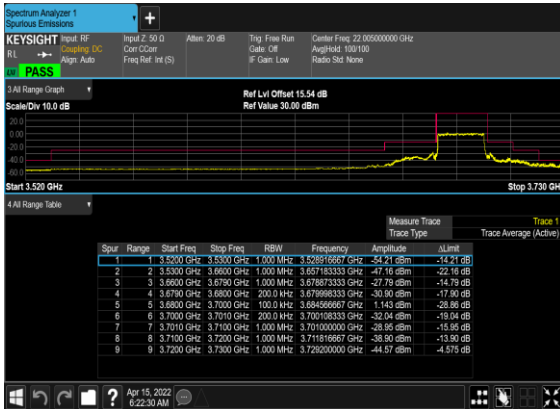
### N48(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



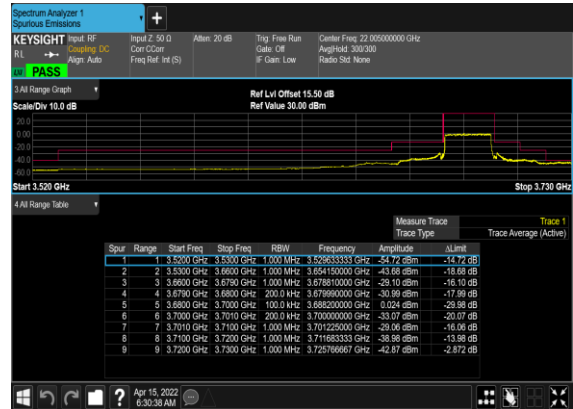
### N48(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



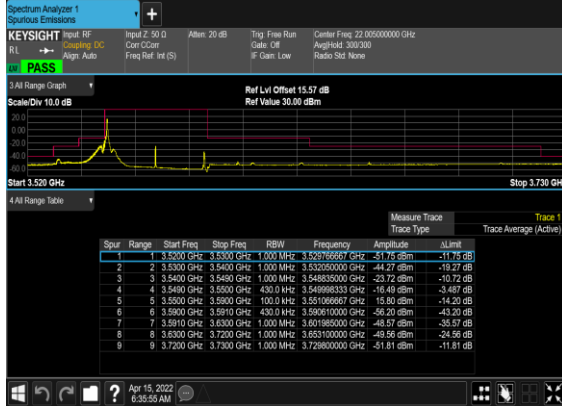
### N48(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



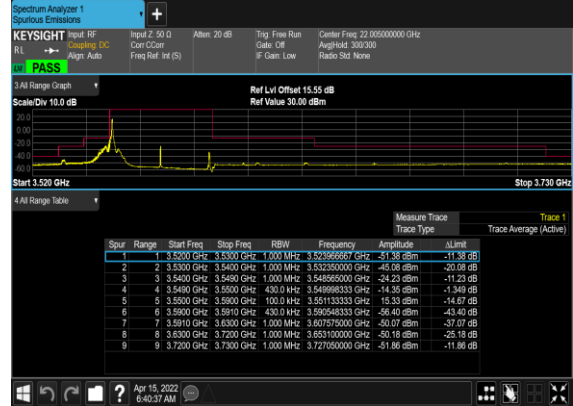
### N48(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



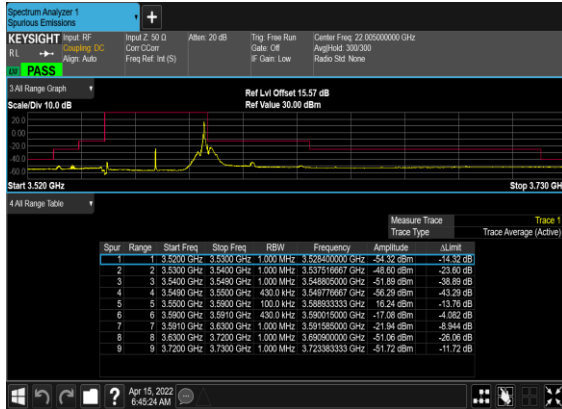
### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



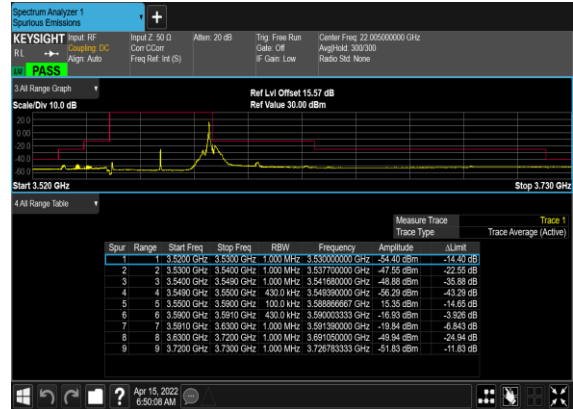
### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



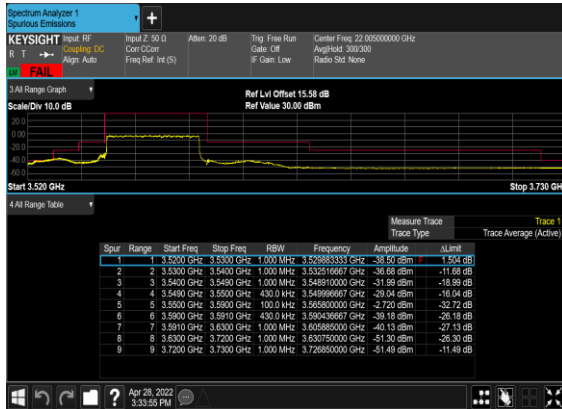
### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH



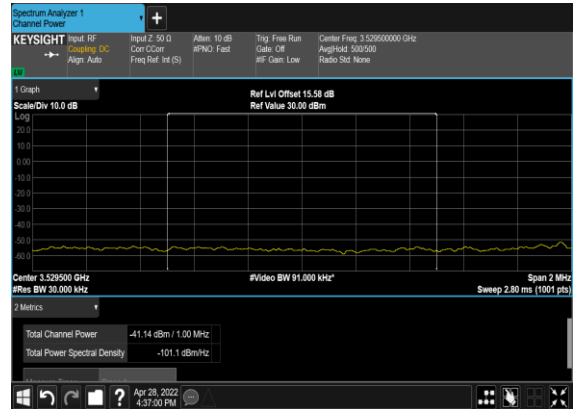
### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



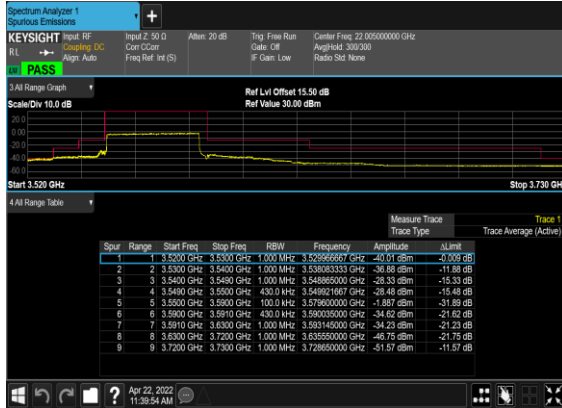
### N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



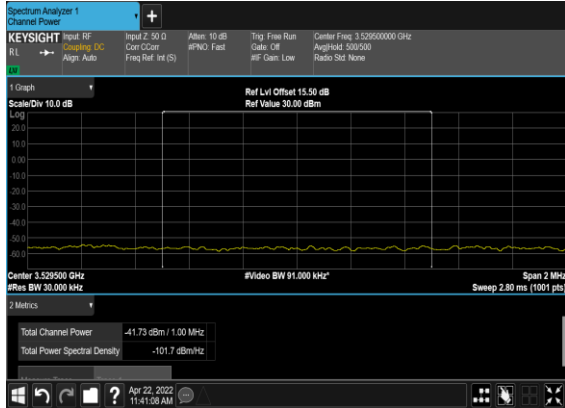
### N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



### N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH\_CHP\_PASS



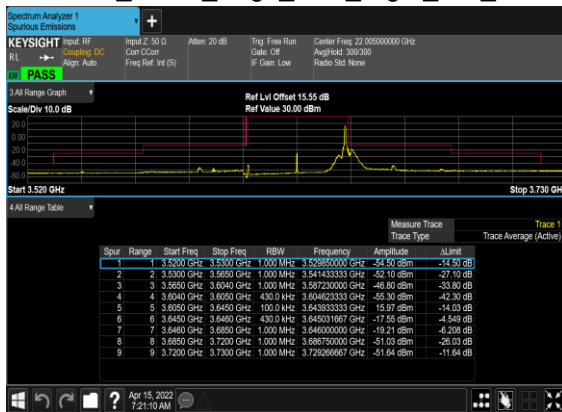
### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



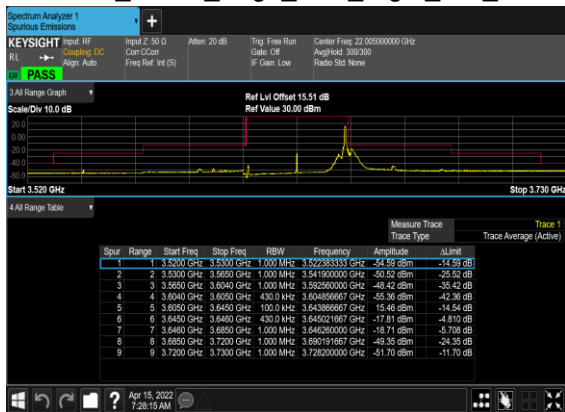
### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH

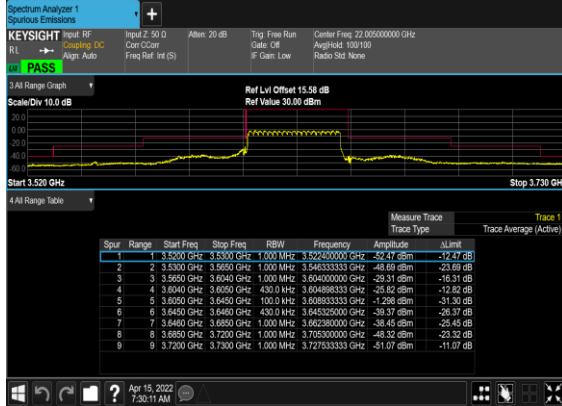


### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH





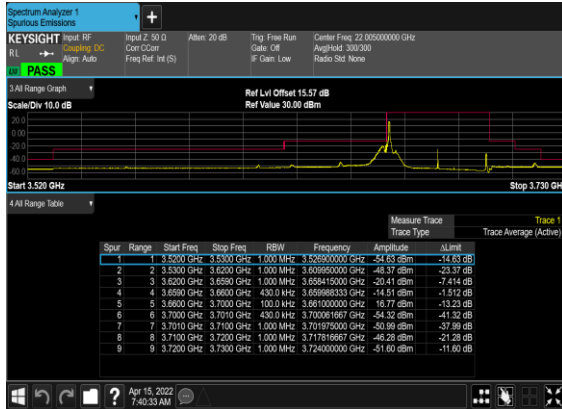
### N48(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Mid\_CH



### N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



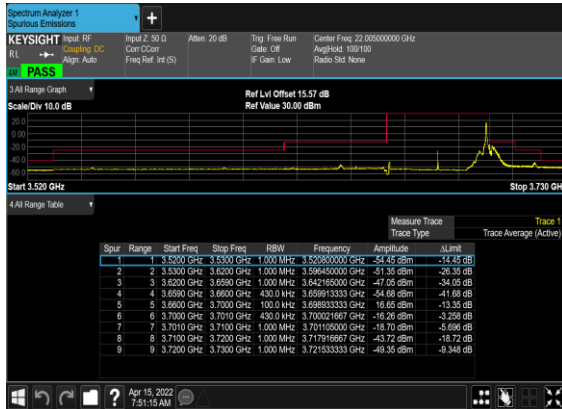
### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



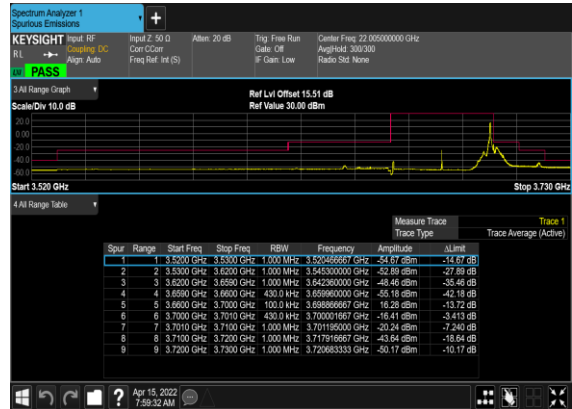
### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



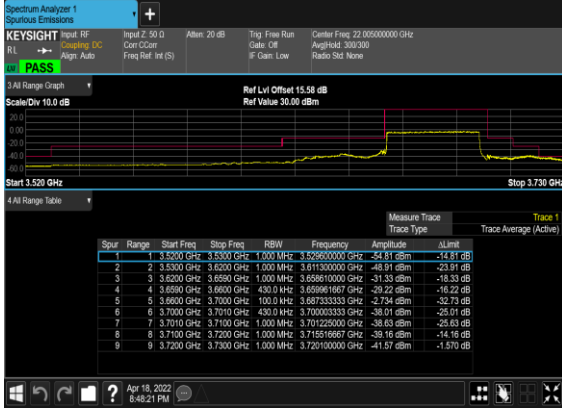
### N48(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



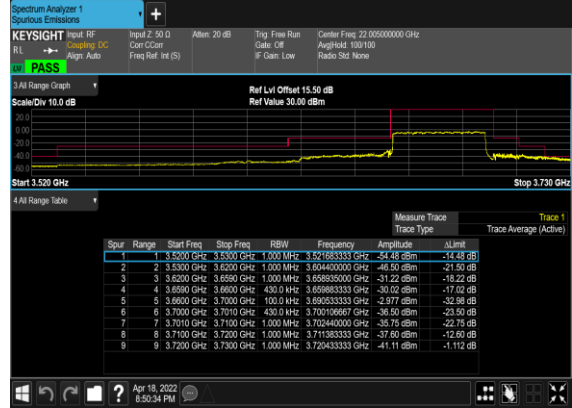
### N48(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N48(40M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



### N48(40M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



## FR1 N48(MIMO ANT2+7)

### Conducted Output Power and EIRP(Antenna gain=-0.84dBi)

NR	SCS	Bandwidth	Arfcn	Freq	Modulation	RB	ANT2 Power (dBm)	ANT7 Power (dBm)	Conducted Power (dBm)	EIRP	EIRP
Band	(kHz)	(MHz)		(MHz)						(dBm)	(W)
48	30	10	637000	3555	DFT-s-OFDM PI/2 BPSK	12@6	18.24	18.44	21.35	20.51	0.1125
48	30	10	637000	3555	DFT-s-OFDM PI/2 BPSK	1@1	18.18	18.5	21.35	20.51	0.1125
48	30	10	637000	3555	DFT-s-OFDM PI/2 BPSK	1@22	18.12	18.31	21.23	20.39	0.1093
48	30	10	637000	3555	DFT-s-OFDM QPSK	12@6	18.23	18.44	21.35	20.51	0.1124
48	30	10	637000	3555	DFT-s-OFDM QPSK	1@1	18.15	18.47	21.32	20.48	0.1118
48	30	10	637000	3555	DFT-s-OFDM QPSK	1@22	18.12	18.28	21.21	20.37	0.1089
48	30	10	637000	3555	DFT-s-OFDM 16 QAM	12@6	17.17	17.28	20.24	19.40	0.0870
48	30	10	637000	3555	DFT-s-OFDM 16 QAM	1@1	17.13	17.39	20.27	19.43	0.0877
48	30	10	637000	3555	DFT-s-OFDM 16 QAM	1@22	17.06	17.2	20.14	19.30	0.0851
48	30	10	637000	3555	DFT-s-OFDM 64 QAM	12@6	15.75	15.96	18.87	18.03	0.0635
48	30	10	637000	3555	DFT-s-OFDM 64 QAM	1@1	15.8	15.97	18.90	18.06	0.0639
48	30	10	637000	3555	DFT-s-OFDM 64 QAM	1@22	15.8	15.8	18.81	17.97	0.0627
48	30	10	637000	3555	DFT-s-OFDM 256 QAM	12@6	15.73	15.8	18.78	17.94	0.0622
48	30	10	637000	3555	DFT-s-OFDM 256 QAM	1@1	14.18	14.14	17.17	16.33	0.0430
48	30	10	637000	3555	DFT-s-OFDM 256 QAM	1@22	13.79	14.1	16.96	16.12	0.0409
48	30	10	637000	3555	CP-OFDM QPSK	12@6	16.72	16.94	19.84	19.00	0.0795
48	30	10	637000	3555	CP-OFDM QPSK	1@1	16.88	16.97	19.94	19.10	0.0812
48	30	10	637000	3555	CP-OFDM QPSK	1@22	16.21	15.76	19.00	18.16	0.0655
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	12@6	18.21	18.41	21.32	20.48	0.1117
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	18.26	18.01	21.15	20.31	0.1073
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@22	18.23	18	21.13	20.29	0.1068
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	12@6	18.27	17.95	21.12	20.28	0.1067
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.18	17.83	21.02	20.18	0.1042
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@22	18.22	17.91	21.08	20.24	0.1056
48	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	12@6	17.23	17.01	20.13	19.29	0.0850
48	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.14	16.77	19.97	19.13	0.0818
48	30	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@22	17.2	16.8	20.01	19.17	0.0827
48	30	10	641666	3624.99	DFT-s-OFDM	12@6	15.83	15.41	18.64	17.80	0.0602

					64 QAM							
48	30	10	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	15.66	15.47	18.58	17.74	0.0594	
48	30	10	641666	3624.99	DFT-s-OFDM 64 QAM	1@22	15.81	15.32	18.58	17.74	0.0595	
48	30	10	641666	3624.99	DFT-s-OFDM 256 QAM	12@6	15.79	15.35	18.59	17.75	0.0595	
48	30	10	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	13.86	13.41	16.65	15.81	0.0381	
48	30	10	641666	3624.99	DFT-s-OFDM 256 QAM	1@22	13.83	13.59	16.72	15.88	0.0387	
48	30	10	641666	3624.99	CP-OFDM QPSK	12@6	16.81	16.47	19.65	18.81	0.0761	
48	30	10	641666	3624.99	CP-OFDM QPSK	1@1	16.78	16.41	19.61	18.77	0.0753	
48	30	10	641666	3624.99	CP-OFDM QPSK	1@22	16.83	16.5	19.68	18.84	0.0765	
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	12@6	18.29	17.86	21.09	20.25	0.1059	
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@1	18.37	17.9	21.15	20.31	0.1074	
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@22	18.29	17.81	21.07	20.23	0.1054	
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	12@6	18.35	17.87	21.13	20.29	0.1068	
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	18.22	17.85	21.05	20.21	0.1049	
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@22	18.32	17.76	21.06	20.22	0.1052	
48	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	12@6	17.32	16.89	20.12	19.28	0.0847	
48	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	17.28	16.7	20.01	19.17	0.0826	
48	30	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@22	17.31	16.6	19.98	19.14	0.0820	
48	30	10	646332	3694.98	DFT-s-OFDM 64 QAM	12@6	15.92	15.34	18.65	17.81	0.0604	
48	30	10	646332	3694.98	DFT-s-OFDM 64 QAM	1@1	15.67	15.43	18.56	17.72	0.0592	
48	30	10	646332	3694.98	DFT-s-OFDM 64 QAM	1@22	15.69	15.41	18.56	17.72	0.0592	
48	30	10	646332	3694.98	DFT-s-OFDM 256 QAM	12@6	15.84	15.39	18.63	17.79	0.0601	
48	30	10	646332	3694.98	DFT-s-OFDM 256 QAM	1@1	13.87	13.57	16.73	15.89	0.0388	
48	30	10	646332	3694.98	DFT-s-OFDM 256 QAM	1@22	14.01	13.37	16.71	15.87	0.0387	
48	30	10	646332	3694.98	CP-OFDM QPSK	12@6	16.9	16.4	19.67	18.83	0.0763	
48	30	10	646332	3694.98	CP-OFDM QPSK	1@1	16.76	16.33	19.56	18.72	0.0745	
48	30	10	646332	3694.98	CP-OFDM QPSK	1@22	16.93	16.33	19.65	18.81	0.0760	
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	25@12	18.45	18.46	21.47	20.63	0.1155	
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@1	18.41	18.67	21.55	20.71	0.1178	
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@49	18.35	18.21	21.29	20.45	0.1109	
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	25@12	18.47	18.51	21.50	20.66	0.1164	
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	18.24	18.55	21.41	20.57	0.1140	
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@49	18.33	18.16	21.26	20.42	0.1101	
48	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	25@12	17.45	17.5	20.49	19.65	0.0922	

48	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	17.21	17.5	20.37	19.53	0.0897
48	30	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@49	17.29	17.09	20.20	19.36	0.0863
48	30	20	637334	3560.01	DFT-s-OFDM 64 QAM	25@12	15.9	15.93	18.93	18.09	0.0643
48	30	20	637334	3560.01	DFT-s-OFDM 64 QAM	1@1	15.88	16.26	19.08	18.24	0.0667
48	30	20	637334	3560.01	DFT-s-OFDM 64 QAM	1@49	15.91	15.71	18.82	17.98	0.0628
48	30	20	637334	3560.01	DFT-s-OFDM 256 QAM	25@12	15.78	16	18.90	18.06	0.0640
48	30	20	637334	3560.01	DFT-s-OFDM 256 QAM	1@1	14.13	14.43	17.29	16.45	0.0442
48	30	20	637334	3560.01	DFT-s-OFDM 256 QAM	1@49	14.08	13.76	16.93	16.09	0.0407
48	30	20	637334	3560.01	CP-OFDM QPSK	25@12	15.42	15.39	18.42	17.58	0.0572
48	30	20	637334	3560.01	CP-OFDM QPSK	1@1	17.04	17.17	20.12	19.28	0.0846
48	30	20	637334	3560.01	CP-OFDM QPSK	1@49	16.94	16.87	19.92	19.08	0.0808
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	25@12	18.55	18.14	21.36	20.52	0.1127
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	18.44	18.1	21.28	20.44	0.1108
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@49	18.42	18.18	21.31	20.47	0.1115
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	25@12	18.54	18.19	21.38	20.54	0.1132
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.43	18.2	21.33	20.49	0.1119
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@49	18.47	18.22	21.36	20.52	0.1126
48	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	25@12	17.58	17.25	20.43	19.59	0.0910
48	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.23	17.07	20.16	19.32	0.0855
48	30	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@49	17.29	16.95	20.13	19.29	0.0850
48	30	20	641666	3624.99	DFT-s-OFDM 64 QAM	25@12	16	15.69	18.86	18.02	0.0634
48	30	20	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	15.96	15.6	18.79	17.95	0.0624
48	30	20	641666	3624.99	DFT-s-OFDM 64 QAM	1@49	16.07	15.64	18.87	18.03	0.0635
48	30	20	641666	3624.99	DFT-s-OFDM 256 QAM	25@12	14.24	13.85	17.06	16.22	0.0419
48	30	20	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	14.25	13.87	17.07	16.23	0.0420
48	30	20	641666	3624.99	DFT-s-OFDM 256 QAM	1@49	13.95	13.65	16.81	15.97	0.0396
48	30	20	641666	3624.99	CP-OFDM QPSK	25@12	15.53	15.23	18.39	17.55	0.0569
48	30	20	641666	3624.99	CP-OFDM QPSK	1@1	17.03	16.64	19.85	19.01	0.0796
48	30	20	641666	3624.99	CP-OFDM QPSK	1@49	16.97	16.68	19.84	19.00	0.0794
48	30	20	646000	3690	DFT-s-OFDM PI/2 BPSK	25@12	18.5	18.15	21.34	20.50	0.1122
48	30	20	646000	3690	DFT-s-OFDM PI/2 BPSK	1@1	18.47	18.21	21.35	20.51	0.1125
48	30	20	646000	3690	DFT-s-OFDM PI/2 BPSK	1@49	18.47	17.86	21.19	20.35	0.1083
48	30	20	646000	3690	DFT-s-OFDM QPSK	25@12	18.48	18.16	21.33	20.49	0.1120
48	30	20	646000	3690	DFT-s-OFDM QPSK	1@1	18.36	18.17	21.28	20.44	0.1106

48	30	20	646000	3690	DFT-s-OFDM QPSK	1@49	18.41	17.8	21.13	20.29	0.1068
48	30	20	646000	3690	DFT-s-OFDM 16 QAM	25@12	17.52	17.12	20.33	19.49	0.0890
48	30	20	646000	3690	DFT-s-OFDM 16 QAM	1@1	17.22	17.13	20.19	19.35	0.0860
48	30	20	646000	3690	DFT-s-OFDM 16 QAM	1@49	17.17	16.76	19.98	19.14	0.0820
48	30	20	646000	3690	DFT-s-OFDM 64 QAM	25@12	15.94	15.6	18.78	17.94	0.0623
48	30	20	646000	3690	DFT-s-OFDM 64 QAM	1@1	16	15.73	18.88	18.04	0.0636
48	30	20	646000	3690	DFT-s-OFDM 64 QAM	1@49	15.88	15.4	18.66	17.82	0.0605
48	30	20	646000	3690	DFT-s-OFDM 256 QAM	25@12	15.9	15.63	18.78	17.94	0.0622
48	30	20	646000	3690	DFT-s-OFDM 256 QAM	1@1	13.91	13.72	16.83	15.99	0.0397
48	30	20	646000	3690	DFT-s-OFDM 256 QAM	1@49	13.93	13.47	16.72	15.88	0.0387
48	30	20	646000	3690	CP-OFDM QPSK	25@12	15.43	15.11	18.28	17.44	0.0555
48	30	20	646000	3690	CP-OFDM QPSK	1@1	17.03	16.73	19.89	19.05	0.0804
48	30	20	646000	3690	CP-OFDM QPSK	1@49	17.02	16.59	19.82	18.98	0.0791
48	30	30	637668	3565.02	DFT-s-OFDM PI/2 BPSK	36@18	18.44	18.44	21.45	20.61	0.1151
48	30	30	637668	3565.02	DFT-s-OFDM PI/2 BPSK	1@1	18.41	18.78	21.61	20.77	0.1194
48	30	30	637668	3565.02	DFT-s-OFDM PI/2 BPSK	1@76	18.23	17.98	21.12	20.28	0.1066
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	36@18	18.42	18.46	21.45	20.61	0.1151
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@1	18.44	18.8	21.63	20.79	0.1201
48	30	30	637668	3565.02	DFT-s-OFDM QPSK	1@76	18.32	17.94	21.14	20.30	0.1073
48	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	36@18	17.44	17.48	20.47	19.63	0.0918
48	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	1@1	17.46	17.83	20.66	19.82	0.0959
48	30	30	637668	3565.02	DFT-s-OFDM 16 QAM	1@76	17.27	16.79	20.05	19.21	0.0833
48	30	30	637668	3565.02	DFT-s-OFDM 64 QAM	36@18	15.93	15.97	18.96	18.12	0.0649
48	30	30	637668	3565.02	DFT-s-OFDM 64 QAM	1@1	15.86	16.21	19.05	18.21	0.0662
48	30	30	637668	3565.02	DFT-s-OFDM 64 QAM	1@76	15.65	15.4	18.54	17.70	0.0588
48	30	30	637668	3565.02	DFT-s-OFDM 256 QAM	36@18	14.14	14.07	17.12	16.28	0.0424
48	30	30	637668	3565.02	DFT-s-OFDM 256 QAM	1@1	14.16	14.49	17.34	16.50	0.0447
48	30	30	637668	3565.02	DFT-s-OFDM 256 QAM	1@76	13.93	13.81	16.88	16.04	0.0402
48	30	30	637668	3565.02	CP-OFDM QPSK	39@19	15.37	15.43	18.41	17.57	0.0572
48	30	30	637668	3565.02	CP-OFDM QPSK	1@1	17.03	17.27	20.16	19.32	0.0855
48	30	30	637668	3565.02	CP-OFDM QPSK	1@76	16.94	16.58	19.77	18.93	0.0782
48	30	30	641666	3624.99	DFT-s-OFDM PI/2 BPSK	36@18	18.46	18.23	21.36	20.52	0.1126
48	30	30	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	18.42	18.12	21.28	20.44	0.1107
48	30	30	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@76	18.4	18.22	21.32	20.48	0.1117

48	30	30	641666	3624.99	DFT-s-OFDM QPSK	36@18	18.51	18.13	21.33	20.49	0.1121
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.37	18.25	21.32	20.48	0.1117
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	1@76	18.29	18.09	21.20	20.36	0.1087
48	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	36@18	17.51	17.16	20.35	19.51	0.0893
48	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.44	17.02	20.25	19.41	0.0872
48	30	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@76	17.35	17.06	20.22	19.38	0.0867
48	30	30	641666	3624.99	DFT-s-OFDM 64 QAM	36@18	16.09	15.7	18.91	18.07	0.0641
48	30	30	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	15.93	15.5	18.73	17.89	0.0615
48	30	30	641666	3624.99	DFT-s-OFDM 64 QAM	1@76	16.03	15.55	18.81	17.97	0.0626
48	30	30	641666	3624.99	DFT-s-OFDM 256 QAM	36@18	15.96	15.72	18.85	18.01	0.0633
48	30	30	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	14.25	13.81	17.05	16.21	0.0417
48	30	30	641666	3624.99	DFT-s-OFDM 256 QAM	1@76	14.09	13.86	16.99	16.15	0.0412
48	30	30	641666	3624.99	CP-OFDM QPSK	39@19	15.46	15.12	18.30	17.46	0.0558
48	30	30	641666	3624.99	CP-OFDM QPSK	1@1	17.08	16.65	19.88	19.04	0.0802
48	30	30	641666	3624.99	CP-OFDM QPSK	1@76	17.01	16.76	19.90	19.06	0.0805
48	30	30	645666	3684.99	DFT-s-OFDM PI/2 BPSK	36@18	18.49	18.1	21.31	20.47	0.1114
48	30	30	645666	3684.99	DFT-s-OFDM PI/2 BPSK	1@1	18.57	18.35	21.47	20.63	0.1157
48	30	30	645666	3684.99	DFT-s-OFDM PI/2 BPSK	1@76	18.33	17.85	21.11	20.27	0.1063
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	36@18	18.48	18.15	21.33	20.49	0.1119
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@1	18.38	18.37	21.39	20.55	0.1134
48	30	30	645666	3684.99	DFT-s-OFDM QPSK	1@76	18.29	17.83	21.08	20.24	0.1056
48	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	36@18	17.53	17.15	20.35	19.51	0.0894
48	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	17.33	17.24	20.30	19.46	0.0882
48	30	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@76	17.26	16.81	20.05	19.21	0.0834
48	30	30	645666	3684.99	DFT-s-OFDM 64 QAM	36@18	15.97	15.63	18.81	17.97	0.0627
48	30	30	645666	3684.99	DFT-s-OFDM 64 QAM	1@1	15.93	15.76	18.86	18.02	0.0633
48	30	30	645666	3684.99	DFT-s-OFDM 64 QAM	1@76	15.71	15.23	18.49	17.65	0.0582
48	30	30	645666	3684.99	DFT-s-OFDM 256 QAM	36@18	14.08	13.71	16.91	16.07	0.0405
48	30	30	645666	3684.99	DFT-s-OFDM 256 QAM	1@1	14.37	13.89	17.15	16.31	0.0427
48	30	30	645666	3684.99	DFT-s-OFDM 256 QAM	1@76	14.19	13.32	16.79	15.95	0.0393
48	30	30	645666	3684.99	CP-OFDM QPSK	39@19	16.97	16.59	19.79	18.95	0.0786
48	30	30	645666	3684.99	CP-OFDM QPSK	1@1	17.05	16.96	20.02	19.18	0.0827
48	30	30	645666	3684.99	CP-OFDM QPSK	1@76	16.97	16.39	19.70	18.86	0.0769
48	30	40	638000	3570	DFT-s-OFDM PI/2 BPSK	50@25	18.43	18.43	21.44	20.60	0.1148

48	30	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@1	18.54	18.83	21.70	20.86	0.1218
48	30	40	638000	3570	DFT-s-OFDM PI/2 BPSK	1@104	18.41	18.08	21.26	20.42	0.1101
48	30	40	638000	3570	DFT-s-OFDM QPSK	50@25	18.5	18.4	21.46	20.62	0.1154
48	30	40	638000	3570	DFT-s-OFDM QPSK	1@1	18.48	18.84	21.67	20.83	0.1212
48	30	40	638000	3570	DFT-s-OFDM QPSK	1@104	18.37	18.07	21.23	20.39	0.1095
48	30	40	638000	3570	DFT-s-OFDM 16 QAM	50@25	17.49	17.36	20.44	19.60	0.0911
48	30	40	638000	3570	DFT-s-OFDM 16 QAM	1@1	17.49	17.74	20.63	19.79	0.0952
48	30	40	638000	3570	DFT-s-OFDM 16 QAM	1@104	17.37	16.93	20.17	19.33	0.0856
48	30	40	638000	3570	DFT-s-OFDM 64 QAM	50@25	16.01	15.8	18.92	18.08	0.0642
48	30	40	638000	3570	DFT-s-OFDM 64 QAM	1@1	16.08	16.29	19.20	18.36	0.0685
48	30	40	638000	3570	DFT-s-OFDM 64 QAM	1@104	15.97	15.56	18.78	17.94	0.0622
48	30	40	638000	3570	DFT-s-OFDM 256 QAM	50@25	14.34	14.09	17.23	16.39	0.0435
48	30	40	638000	3570	DFT-s-OFDM 256 QAM	1@1	14.28	14.58	17.44	16.60	0.0457
48	30	40	638000	3570	DFT-s-OFDM 256 QAM	1@104	14.12	13.84	16.99	16.15	0.0412
48	30	40	638000	3570	CP-OFDM QPSK	53@26	15.44	15.33	18.40	17.56	0.0570
48	30	40	638000	3570	CP-OFDM QPSK	1@1	17.08	17.53	20.32	19.48	0.0887
48	30	40	638000	3570	CP-OFDM QPSK	1@104	16.91	16.54	19.74	18.90	0.0776
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@25	18.53	18.14	21.35	20.51	0.1125
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@1	18.62	18.19	21.42	20.58	0.1143
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@104	18.53	18.2	21.38	20.54	0.1132
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	50@25	18.52	18.2	21.37	20.53	0.1131
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.48	18.08	21.29	20.45	0.1110
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@104	18.6	18.16	21.40	20.56	0.1137
48	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	50@25	17.55	17.25	20.41	19.57	0.0906
48	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.4	17.07	20.25	19.41	0.0873
48	30	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@104	17.53	17.18	20.37	19.53	0.0897
48	30	40	641666	3624.99	DFT-s-OFDM 64 QAM	50@25	16.02	15.62	18.83	17.99	0.0630
48	30	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@1	16.22	15.89	19.07	18.23	0.0665
48	30	40	641666	3624.99	DFT-s-OFDM 64 QAM	1@104	16.21	15.86	19.05	18.21	0.0662
48	30	40	641666	3624.99	DFT-s-OFDM 256 QAM	50@25	14.19	13.92	17.07	16.23	0.0420
48	30	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@1	14.05	14	17.04	16.20	0.0416
48	30	40	641666	3624.99	DFT-s-OFDM 256 QAM	1@104	14.24	13.72	17.00	16.16	0.0413
48	30	40	641666	3624.99	CP-OFDM QPSK	53@26	15.45	15.2	18.34	17.50	0.0562
48	30	40	641666	3624.99	CP-OFDM QPSK	1@1	17.06	16.68	19.88	19.04	0.0803



48	30	40	641666	3624.99	CP-OFDM QPSK	1@104	16.98	16.78	19.89	19.05	0.0804
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	50@25	18.47	18.3	21.40	20.56	0.1137
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@1	18.54	18.39	21.48	20.64	0.1158
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@104	18.5	17.95	21.24	20.40	0.1097
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	50@25	16.54	18.3	20.52	19.68	0.0929
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	18.47	18.35	21.42	20.58	0.1143
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@104	18.5	17.88	21.21	20.37	0.1089
48	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	50@25	17.53	17.32	20.44	19.60	0.0911
48	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	17.39	17.32	20.37	19.53	0.0896
48	30	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@104	17.42	16.87	20.16	19.32	0.0856
48	30	40	645332	3679.98	DFT-s-OFDM 64 QAM	50@25	16.01	15.77	18.90	18.06	0.0640
48	30	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@1	16.26	15.79	19.04	18.20	0.0661
48	30	40	645332	3679.98	DFT-s-OFDM 64 QAM	1@104	16.06	15.31	18.71	17.87	0.0613
48	30	40	645332	3679.98	DFT-s-OFDM 256 QAM	50@25	14.04	13.81	16.94	16.10	0.0407
48	30	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@1	14.1	13.92	17.02	16.18	0.0415
48	30	40	645332	3679.98	DFT-s-OFDM 256 QAM	1@104	14.23	13.37	16.83	15.99	0.0397
48	30	40	645332	3679.98	CP-OFDM QPSK	53@26	15.44	15.26	18.36	17.52	0.0565
48	30	40	645332	3679.98	CP-OFDM QPSK	1@1	17.06	16.95	20.02	19.18	0.0827
48	30	40	645332	3679.98	CP-OFDM QPSK	1@104	17.08	16.43	19.78	18.94	0.0783

# FR1 N48 (MIMO ANT2)

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00539	PASS	NV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00357	PASS	LV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00339	PASS	HV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00532	PASS	-30°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00604	PASS	-20°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00695	PASS	-10°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00499	PASS	0°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00443	PASS	10°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00471	PASS	20°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00684	PASS	30°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00671	PASS	40°C
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.00281	PASS	50°C

## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	24@0	8.5933	9.713
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	8.5775	9.521
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.584	9.695
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5863	9.53
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5892	9.464
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.5735	9.541
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@0	17.759	19.18
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	17.783	18.99
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.181	19.48
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.216	19.66
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.174	19.39
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.178	19.48
48	30	30	641666	3624.99	DFT-s-OFDM PI/2 BPSK	75@0	26.772	28.46
48	30	30	641666	3624.99	DFT-s-OFDM QPSK	75@0	26.807	28.2
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	27.792	29.29
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	27.85	29.29
48	30	30	641666	3624.99	CP-OFDM 64 QAM	78@0	27.826	29.47
48	30	30	641666	3624.99	CP-OFDM 256 QAM	78@0	27.822	29.56
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	100@0	35.739	37.81
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	35.748	37.45
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.793	40.03
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.834	39.87
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.814	39.82
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.962	39.59

### N48(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



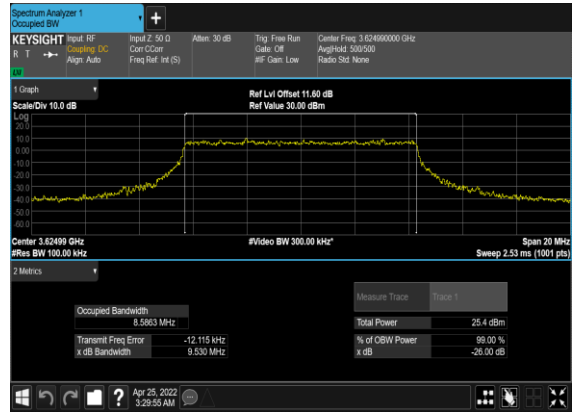
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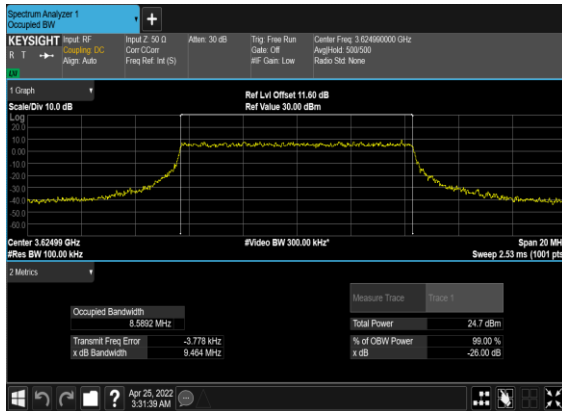
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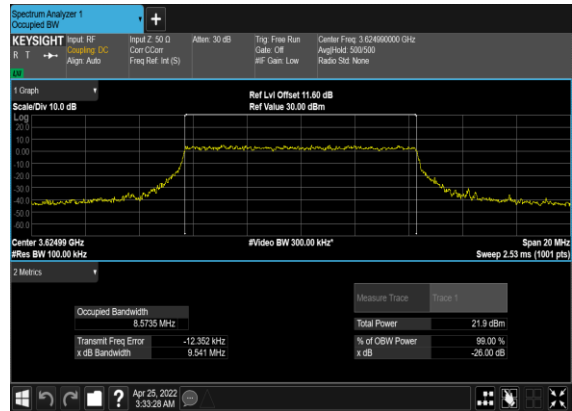
### N48(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



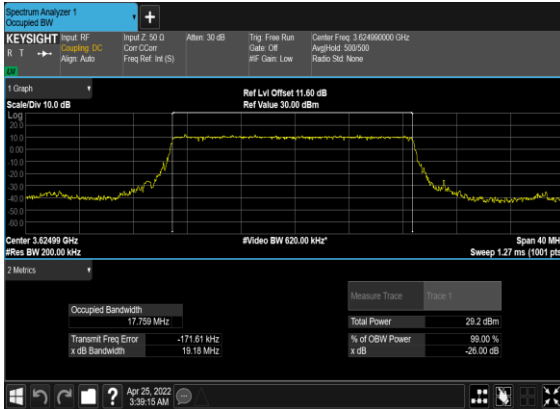
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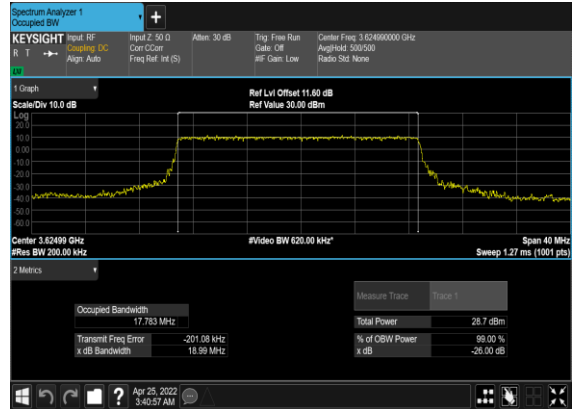
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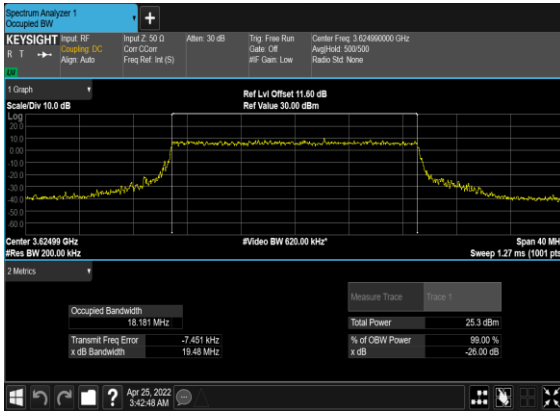
N48(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



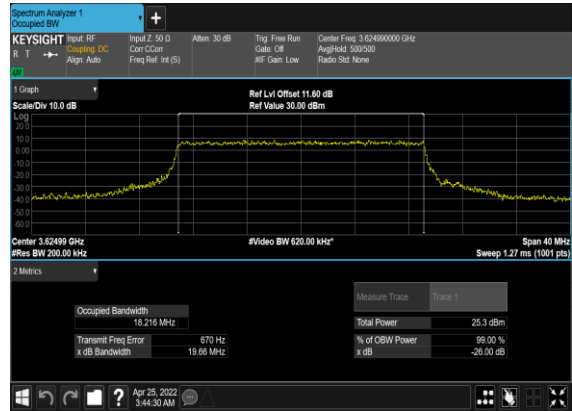
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



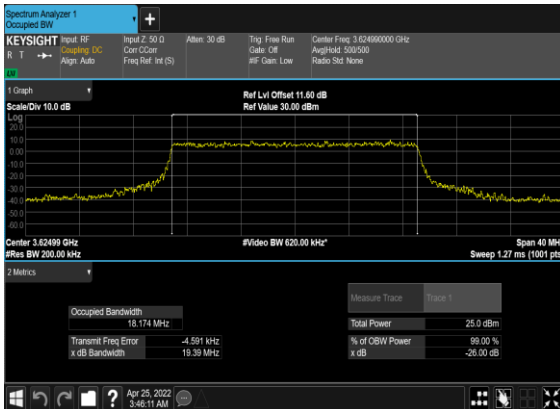
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



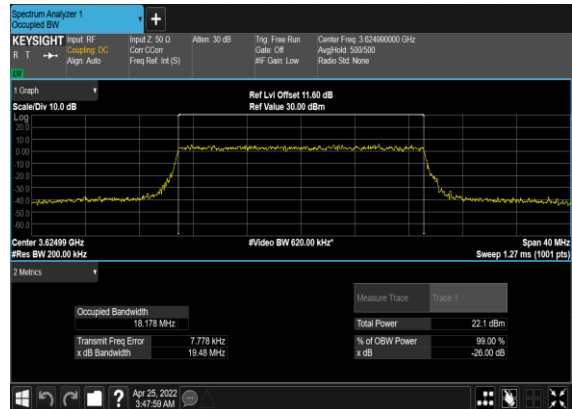
N48(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



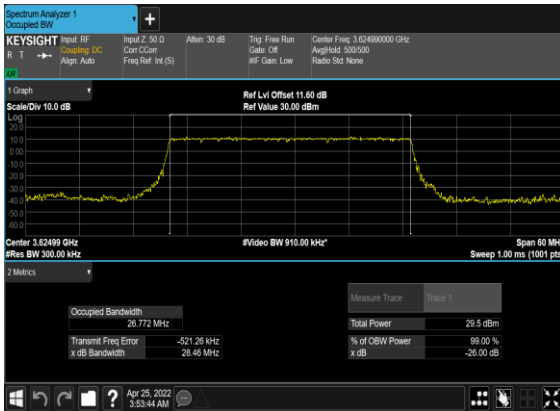
N48(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



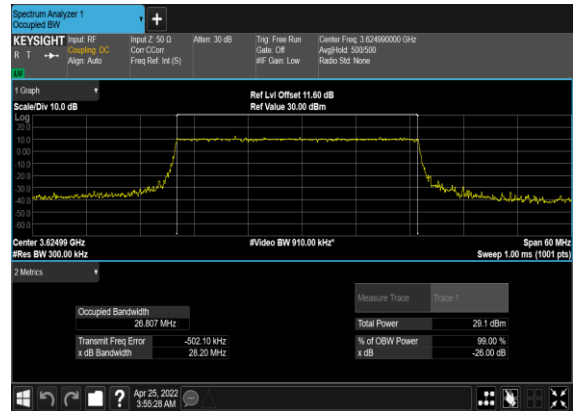
N48(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



N48(30M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



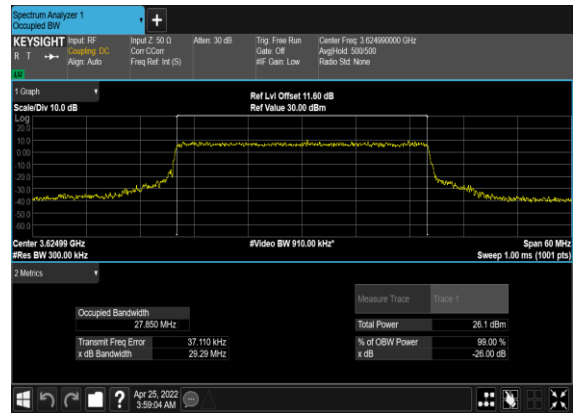
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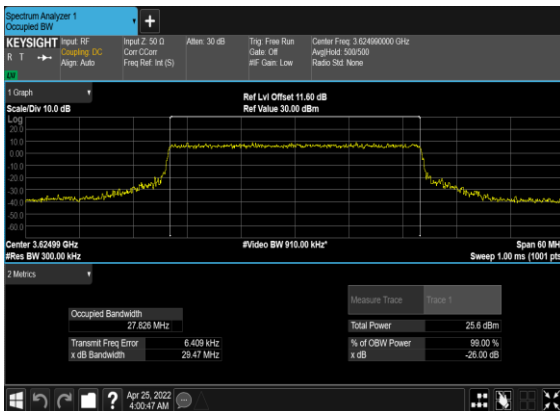
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



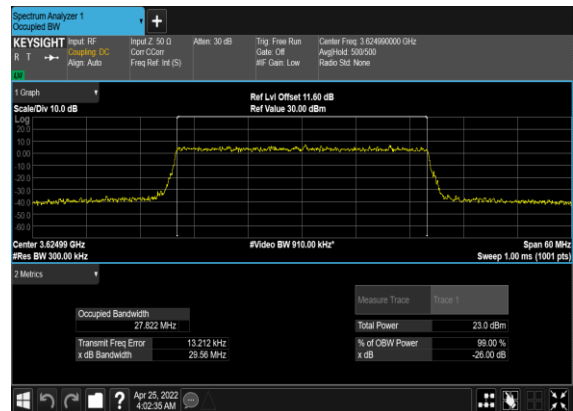
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QAM\_Outer\_Full\_Mid\_CH



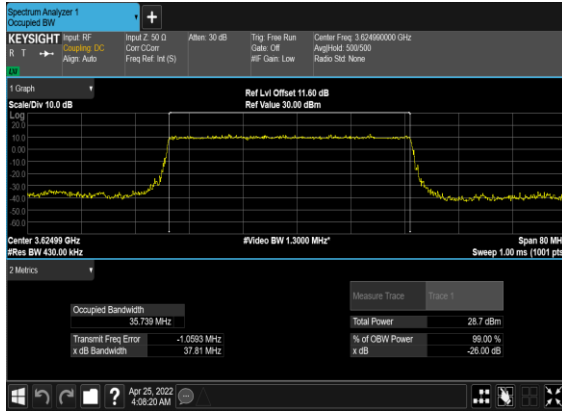
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QAM\_Outer\_Full\_Mid\_CH



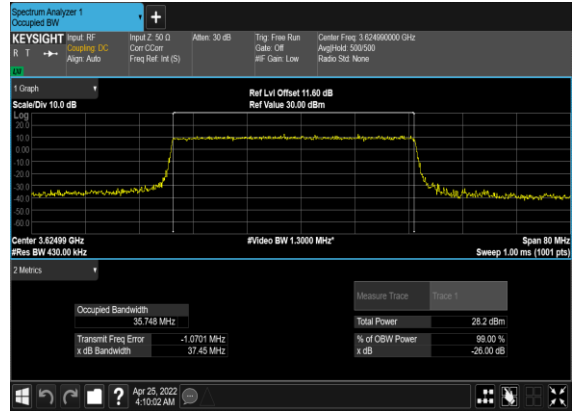
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QAM\_Outer\_Full\_Mid\_CH



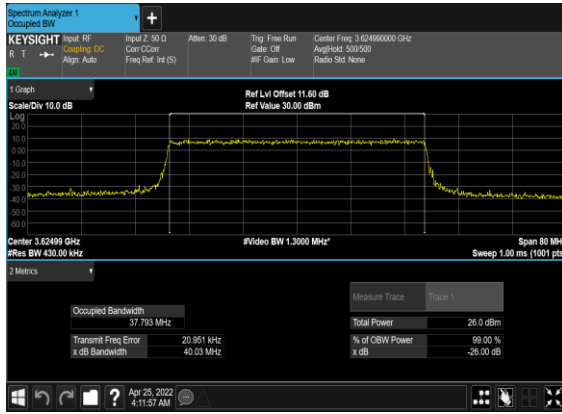
### N48(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



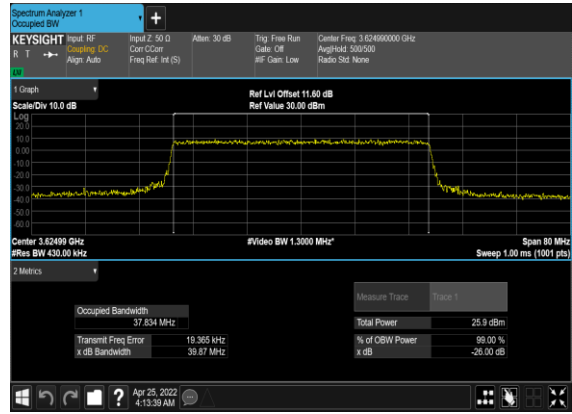
### N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



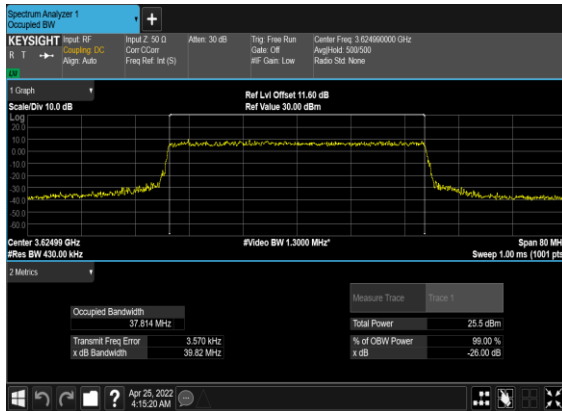
### N48(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



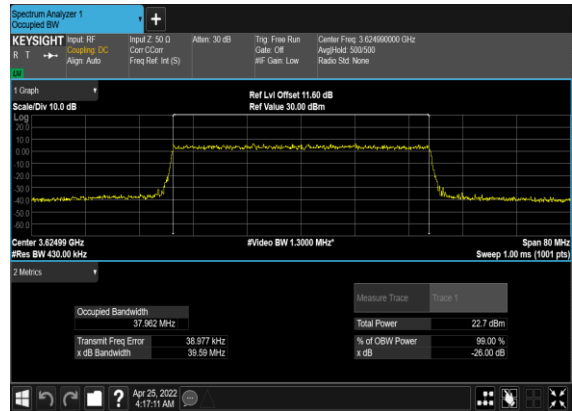
### N48(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N48(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N48(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



## Adjacent Channel Leakage Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	24@0	-15.63	-15.19	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@0	-8.65	-23.46	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@23	-23.77	-10.82	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	-16.3	-14.82	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	-9.4	-23.21	see graph	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	-23.19	-10.55	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	24@0	-15.16	-12.88	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-8.24	-22.43	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@23	-22.14	-10.08	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	-13.96	-14.17	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	-7.22	-18.61	see graph	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	-21.13	-9.47	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	24@0	-13.34	-12.64	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@0	-7.25	-19.86	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@23	-20.88	-8.63	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	-12.37	-11.37	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	-8.26	-20.61	see graph	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	-19.34	-7.29	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	50@0	-18.04	-18.45	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@0	-10.31	-20.22	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@50	-21.66	-11.35	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	-15.62	-16.46	see graph	PASS



48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	-10.34	-20.16	see graph	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	-20.72	-11.14	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@0	-15.28	-16.34	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-9.3	-19.18	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@50	-19.56	-7.96	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	-14.05	-15.09	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	-9.43	-17.8	see graph	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@50	-17.82	-8.43	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	50@0	-13.37	-15.27	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	1@0	-6.86	-18.23	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	1@50	-18.6	-8.78	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	50@0	-12.22	-13.13	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	-8.71	-17.93	see graph	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@50	-18.23	-9.03	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	100@0	-14.78	-15.08	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	1@0	-9.59	-14.66	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	1@105	-16.66	-10.37	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	100@0	-13.95	-14.29	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	-11.4	-15.46	see graph	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@105	-16.86	-12.0	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	100@0	-13.86	-14.43	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-11.26	-15.62	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@105	-15.01	-8.9	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	-13.15	-13.97	see graph	PASS

48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	-10.35	-15.56	see graph	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	-15.4	-9.35	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	100@0	-12.41	-13.87	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@0	-7.98	-15.05	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@105	-14.93	-8.37	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	100@0	-11.42	-12.79	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	-8.7	-14.17	see graph	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@105	-15.23	-8.84	see graph	PASS