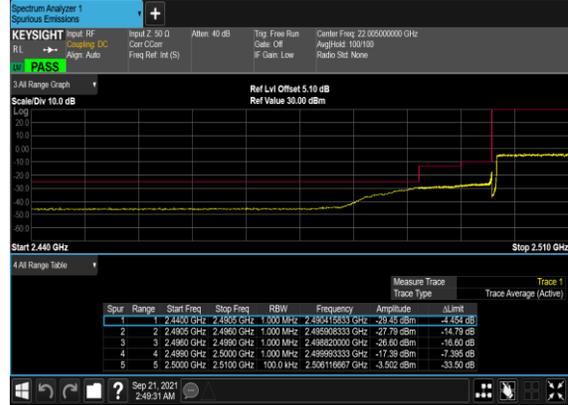


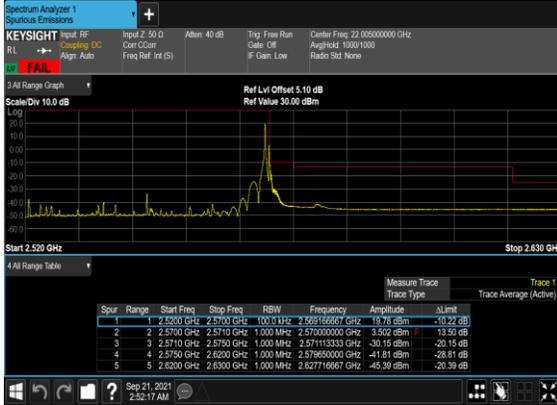
B5_N7(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



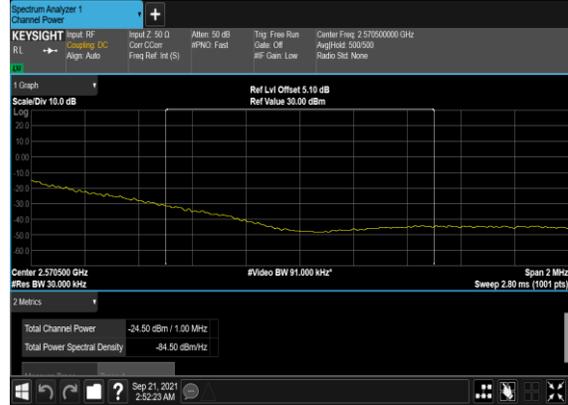
B5_N7(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



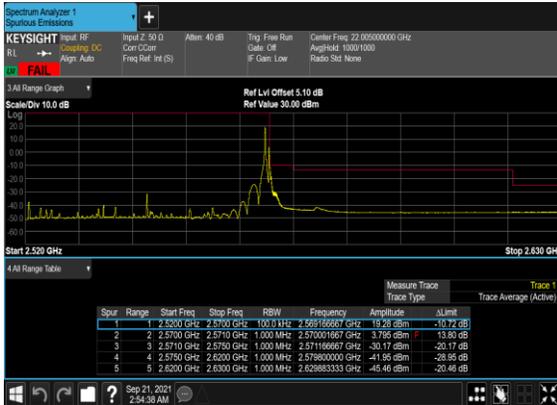
B5_N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



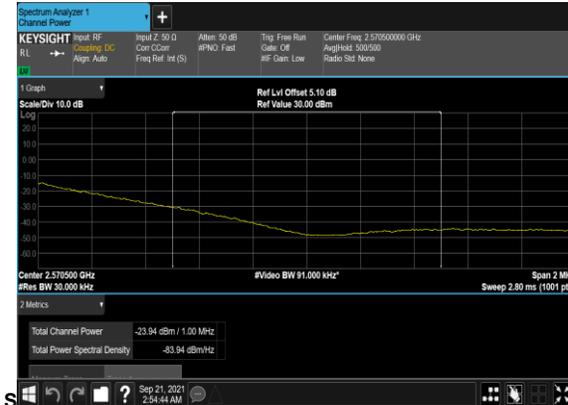
B5_N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



B5_N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PAS



B5_N7(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N7(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



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Transmitter Conducted Output Power And ERP/EIRP, Gain=-0.25dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	25@12	24.87	24.62	0.2897
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	24.55	24.3	0.2692
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@49	24.67	24.42	0.2767
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	24.83	24.58	0.2871
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.67	24.42	0.2767
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	24.74	24.49	0.2812
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	23.85	23.6	0.2291
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.69	23.44	0.2208
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	23.7	23.45	0.2213
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	25@12	22.4	22.15	0.1641
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@1	22.12	21.87	0.1538
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@49	22.22	21.97	0.1574
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	25@12	20.3	20.05	0.1012
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@1	20.08	19.83	0.0962
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@49	20.18	19.93	0.0984
38	30	20	516000	2580	CP-OFDM QPSK	25@12	23.34	23.09	0.2037
38	30	20	516000	2580	CP-OFDM QPSK	1@1	23.22	22.97	0.1982
38	30	20	516000	2580	CP-OFDM QPSK	1@49	23.62	23.37	0.2173
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	25@12	24.88	24.63	0.2904
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.6	24.35	0.2723

38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@49	24.65	24.4	0.2754
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	24.87	24.62	0.2897
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.71	24.46	0.2793
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	24.75	24.5	0.2818
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	23.91	23.66	0.2323
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.73	23.48	0.2228
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	23.75	23.5	0.2239
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	25@12	22.38	22.13	0.1633
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.17	21.92	0.1556
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@49	22.19	21.94	0.1563
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	25@12	20.34	20.09	0.1021
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.26	20.01	0.1002
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@49	20.17	19.92	0.0982
38	30	20	519000	2595	CP-OFDM QPSK	25@12	23.37	23.12	0.2051
38	30	20	519000	2595	CP-OFDM QPSK	1@1	23.65	23.4	0.2188
38	30	20	519000	2595	CP-OFDM QPSK	1@49	23.71	23.46	0.2218
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	25@12	24.8	24.55	0.2851
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	24.54	24.29	0.2685
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@49	24.6	24.35	0.2723
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	24.82	24.57	0.2864
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.68	24.43	0.2773
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	24.76	24.51	0.2825
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	23.82	23.57	0.2275
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.65	23.4	0.2188

38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	23.74	23.49	0.2234
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	25@12	22.32	22.07	0.1611
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@1	22.1	21.85	0.1531
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@49	22.14	21.89	0.1545
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	25@12	20.23	19.98	0.0995
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@1	20.2	19.95	0.0989
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@49	20.21	19.96	0.0991
38	30	20	522000	2610	CP-OFDM QPSK	25@12	23.24	22.99	0.1991
38	30	20	522000	2610	CP-OFDM QPSK	1@1	23.65	23.4	0.2188
38	30	20	522000	2610	CP-OFDM QPSK	1@49	23.77	23.52	0.2249
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	36@18	24.82	24.57	0.2864
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	24.41	24.16	0.2606
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@76	24.56	24.31	0.2698
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	24.83	24.58	0.2871
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.5	24.25	0.2661
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	24.63	24.38	0.2742
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	23.9	23.65	0.2317
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.39	23.14	0.2061
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	23.67	23.42	0.2198
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	36@18	22.36	22.11	0.1626
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	1@1	21.98	21.73	0.1489
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	1@76	22.07	21.82	0.1521
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	36@18	20.31	20.06	0.1014
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	1@1	20.02	19.77	0.0948

38	30	30	517000	2585	DFT-s-OFDM 256 QAM	1@76	20.06	19.81	0.0957
38	30	30	517000	2585	CP-OFDM QPSK	39@19	23.34	23.09	0.2037
38	30	30	517000	2585	CP-OFDM QPSK	1@1	23.34	23.09	0.2037
38	30	30	517000	2585	CP-OFDM QPSK	1@76	23.49	23.24	0.2109
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	36@18	24.87	24.62	0.2897
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.47	24.22	0.2642
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@76	24.58	24.33	0.2710
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	24.88	24.63	0.2904
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.54	24.29	0.2685
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	24.65	24.4	0.2754
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	23.94	23.69	0.2339
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.55	23.3	0.2138
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	23.53	23.28	0.2128
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	36@18	22.43	22.18	0.1652
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.95	21.7	0.1479
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	1@76	22.09	21.84	0.1528
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	36@18	20.36	20.11	0.1026
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.96	19.71	0.0935
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	1@76	20.08	19.83	0.0962
38	30	30	519000	2595	CP-OFDM QPSK	39@19	23.36	23.11	0.2046
38	30	30	519000	2595	CP-OFDM QPSK	1@1	23.42	23.17	0.2075
38	30	30	519000	2595	CP-OFDM QPSK	1@76	23.66	23.41	0.2193
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	36@18	24.8	24.55	0.2851
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	24.48	24.23	0.2649
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@76	24.55	24.3	0.2692

38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	24.86	24.61	0.2891
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.55	24.3	0.2692
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	24.63	24.38	0.2742
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	23.88	23.63	0.2307
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.59	23.34	0.2158
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	23.48	23.23	0.2104
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	36@18	22.34	22.09	0.1618
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	1@1	22.04	21.79	0.1510
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	1@76	22.02	21.77	0.1503
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	36@18	20.28	20.03	0.1007
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	1@1	20.06	19.81	0.0957
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	1@76	20.06	19.81	0.0957
38	30	30	521000	2605	CP-OFDM QPSK	39@19	23.3	23.05	0.2018
38	30	30	521000	2605	CP-OFDM QPSK	1@1	23.16	22.91	0.1954
38	30	30	521000	2605	CP-OFDM QPSK	1@76	23.3	23.05	0.2018
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.8	24.55	0.2851
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.19	23.94	0.2477
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.36	24.11	0.2576
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24.81	24.56	0.2858
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.27	24.02	0.2523
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.4	24.15	0.2600
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.84	23.59	0.2286
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.24	22.99	0.1991
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	23.44	23.19	0.2084

38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	22.38	22.13	0.1633
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.71	21.46	0.1400
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.92	21.67	0.1469
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.3	20.05	0.1012
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.67	19.42	0.0875
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.87	19.62	0.0916
38	30	40	518000	2590	CP-OFDM QPSK	53@26	23.34	23.09	0.2037
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23.1	22.85	0.1928
38	30	40	518000	2590	CP-OFDM QPSK	1@104	23.38	23.13	0.2056
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.84	24.59	0.2877
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.26	24.01	0.2518
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	24.33	24.08	0.2559
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.84	24.59	0.2877
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.3	24.05	0.2541
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	24.41	24.16	0.2606
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.88	23.63	0.2307
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.25	23	0.1995
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	23.36	23.11	0.2046
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	22.35	22.1	0.1622
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.78	21.53	0.1422
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.87	21.62	0.1452
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.31	20.06	0.1014
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.87	19.62	0.0916
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.98	19.73	0.0940

38	30	40	519000	2595	CP-OFDM QPSK	53@26	23.46	23.21	0.2094
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.15	22.9	0.1950
38	30	40	519000	2595	CP-OFDM QPSK	1@104	23.36	23.11	0.2046
38	30	40	520000	2600	DFT-s- OFDM PI/2 BPSK	50@25	24.84	24.59	0.2877
38	30	40	520000	2600	DFT-s- OFDM PI/2 BPSK	1@1	24.2	23.95	0.2483
38	30	40	520000	2600	DFT-s- OFDM PI/2 BPSK	1@104	24.32	24.07	0.2553
38	30	40	520000	2600	DFT-s- OFDM QPSK	50@25	24.85	24.6	0.2884
38	30	40	520000	2600	DFT-s- OFDM QPSK	1@1	24.25	24	0.2512
38	30	40	520000	2600	DFT-s- OFDM QPSK	1@104	24.41	24.16	0.2606
38	30	40	520000	2600	DFT-s- OFDM 16 QAM	50@25	23.86	23.61	0.2296
38	30	40	520000	2600	DFT-s- OFDM 16 QAM	1@1	23.19	22.94	0.1968
38	30	40	520000	2600	DFT-s- OFDM 16 QAM	1@104	23.38	23.13	0.2056
38	30	40	520000	2600	DFT-s- OFDM 64 QAM	50@25	22.37	22.12	0.1629
38	30	40	520000	2600	DFT-s- OFDM 64 QAM	1@1	21.83	21.58	0.1439
38	30	40	520000	2600	DFT-s- OFDM 64 QAM	1@104	22	21.75	0.1496
38	30	40	520000	2600	DFT-s- OFDM 256 QAM	50@25	20.32	20.07	0.1016
38	30	40	520000	2600	DFT-s- OFDM 256 QAM	1@1	19.82	19.57	0.0906
38	30	40	520000	2600	DFT-s- OFDM 256 QAM	1@104	19.93	19.68	0.0929
38	30	40	520000	2600	CP-OFDM QPSK	53@26	23.47	23.22	0.2099
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.01	22.76	0.1888
38	30	40	520000	2600	CP-OFDM QPSK	1@104	23.32	23.07	0.2028

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Transmitter Conducted Output Power And EIRP, Gain=-0.25dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	24.95	24.7	0.2951
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	24.66	24.41	0.2761
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	24.67	24.42	0.2767
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	24.97	24.72	0.2965
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.75	24.5	0.2818
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	24.74	24.49	0.2812
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	23.97	23.72	0.2355
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.77	23.52	0.2249
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	23.76	23.51	0.2244
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	22.47	22.22	0.1667
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	22.21	21.96	0.1570
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	22.19	21.94	0.1563
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	20.4	20.15	0.1035
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	20.26	20.01	0.1002
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	20.28	20.03	0.1007
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	23.39	23.14	0.2061
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	23.65	23.4	0.2188
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	23.58	23.33	0.2153
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	25.07	24.82	0.3034
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.77	24.52	0.2831

41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	24.84	24.59	0.2877
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.03	24.78	0.3006
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.83	24.58	0.2871
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	24.87	24.62	0.2897
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	23.86	23.61	0.2296
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.82	23.57	0.2275
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	23.9	23.65	0.2317
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	22.56	22.31	0.1702
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.3	22.05	0.1603
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	22.38	22.13	0.1633
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	20.48	20.23	0.1054
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.31	20.06	0.1014
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	20.33	20.08	0.1019
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	23.5	23.25	0.2113
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	23.59	23.34	0.2158
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	23.68	23.43	0.2203
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	25.11	24.86	0.3062
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.74	24.49	0.2812
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	24.82	24.57	0.2864
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.1	24.85	0.3055
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.98	24.73	0.2972
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.1	24.85	0.3055
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	23.89	23.64	0.2312
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.99	23.74	0.2366

41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	23.48	23.23	0.2104
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	22.61	22.36	0.1722
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	22.46	22.21	0.1663
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	22.53	22.28	0.1690
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	20.61	20.36	0.1086
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	20.5	20.25	0.1059
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	20.61	20.36	0.1086
41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	23.66	23.41	0.2193
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	24.23	23.98	0.2500
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	24.48	24.23	0.2649
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	36@18	24.92	24.67	0.2931
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	24.5	24.25	0.2661
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@76	24.38	24.13	0.2588
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	24.96	24.71	0.2958
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.62	24.37	0.2735
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	24.49	24.24	0.2655
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	23.59	23.34	0.2158
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	23.68	23.43	0.2203
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	23.39	23.14	0.2061
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	36@18	22.43	22.18	0.1652
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@1	22.05	21.8	0.1514
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@76	21.92	21.67	0.1469
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	36@18	20.42	20.17	0.1040
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@1	20.06	19.81	0.0957

41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@76	19.95	19.7	0.0933
41	30	30	502200	2511	CP-OFDM QPSK	39@19	23.39	23.14	0.2061
41	30	30	502200	2511	CP-OFDM QPSK	1@1	23.33	23.08	0.2032
41	30	30	502200	2511	CP-OFDM QPSK	1@76	23.1	22.85	0.1928
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	24.99	24.74	0.2979
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.65	24.4	0.2754
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	24.69	24.44	0.2780
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	25.01	24.76	0.2992
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.71	24.46	0.2793
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	24.75	24.5	0.2818
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	23.86	23.61	0.2296
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.61	23.36	0.2168
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	23.78	23.53	0.2254
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	22.58	22.33	0.1710
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.16	21.91	0.1552
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	22.17	21.92	0.1556
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	20.5	20.25	0.1059
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.24	19.99	0.0998
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	20.3	20.05	0.1012
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	23.54	23.29	0.2133
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	23.41	23.16	0.2070
41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	23.48	23.23	0.2104
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	25.1	24.85	0.3055
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.6	24.35	0.2723
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	24.71	24.46	0.2793

41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.12	24.87	0.3069
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.82	24.57	0.2864
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	24.93	24.68	0.2938
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	23.6	23.35	0.2163
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.66	23.41	0.2193
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	23.86	23.61	0.2296
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	22.64	22.39	0.1734
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	22.11	21.86	0.1535
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	22.31	22.06	0.1607
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	20.65	20.4	0.1096
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	20.29	20.04	0.1009
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	20.45	20.2	0.1047
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	23.7	23.45	0.2213
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	23.82	23.57	0.2275
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	24.05	23.8	0.2399
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	24.9	24.65	0.2917
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	24.31	24.06	0.2547
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	24.11	23.86	0.2432
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	24.89	24.64	0.2911
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.38	24.13	0.2588
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	24.17	23.92	0.2466
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	23.97	23.72	0.2355
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.37	23.12	0.2051
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	23.16	22.91	0.1954

41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	22.42	22.17	0.1648
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	21.85	21.6	0.1445
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	21.62	21.37	0.1371
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	20.41	20.16	0.1038
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	19.98	19.73	0.0940
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	19.62	19.37	0.0865
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	23.38	23.13	0.2056
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	23.24	22.99	0.1991
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	22.87	22.62	0.1828
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	25.02	24.77	0.2999
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.44	24.19	0.2624
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	24.47	24.22	0.2642
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.05	24.8	0.3020
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.48	24.23	0.2649
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	24.51	24.26	0.2667
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	23.69	23.44	0.2208
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.54	23.29	0.2133
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	23.54	23.29	0.2133
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	22.52	22.27	0.1687
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.98	21.73	0.1489
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	22.02	21.77	0.1503
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	20.53	20.28	0.1067
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.94	19.69	0.0931
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	20.11	19.86	0.0968

41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	23.47	23.22	0.2099
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	23.21	22.96	0.1977
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	23.28	23.03	0.2009
41	30	40	534000	2670	DFT-s- OFDM PI/2 BPSK	50@25	25.11	24.86	0.3062
41	30	40	534000	2670	DFT-s- OFDM PI/2 BPSK	1@1	24.37	24.12	0.2582
41	30	40	534000	2670	DFT-s- OFDM PI/2 BPSK	1@104	24.58	24.33	0.2710
41	30	40	534000	2670	DFT-s- OFDM QPSK	50@25	25.17	24.92	0.3105
41	30	40	534000	2670	DFT-s- OFDM QPSK	1@1	24.44	24.19	0.2624
41	30	40	534000	2670	DFT-s- OFDM QPSK	1@104	24.79	24.54	0.2844
41	30	40	534000	2670	DFT-s- OFDM 16 QAM	50@25	23.86	23.61	0.2296
41	30	40	534000	2670	DFT-s- OFDM 16 QAM	1@1	23.47	23.22	0.2099
41	30	40	534000	2670	DFT-s- OFDM 16 QAM	1@104	23.77	23.52	0.2249
41	30	40	534000	2670	DFT-s- OFDM 64 QAM	50@25	22.57	22.32	0.1706
41	30	40	534000	2670	DFT-s- OFDM 64 QAM	1@1	21.89	21.64	0.1459
41	30	40	534000	2670	DFT-s- OFDM 64 QAM	1@104	22.2	21.95	0.1567
41	30	40	534000	2670	DFT-s- OFDM 256 QAM	50@25	20.66	20.41	0.1099
41	30	40	534000	2670	DFT-s- OFDM 256 QAM	1@1	20.01	19.76	0.0946
41	30	40	534000	2670	DFT-s- OFDM 256 QAM	1@104	20.32	20.07	0.1016
41	30	40	534000	2670	CP-OFDM QPSK	53@26	23.68	23.43	0.2203
41	30	40	534000	2670	CP-OFDM QPSK	1@1	23.29	23.04	0.2014
41	30	40	534000	2670	CP-OFDM QPSK	1@104	23.95	23.7	0.2344
41	30	50	504204	2521.02	DFT-s- OFDM PI/2 BPSK	64@32	24.85	24.6	0.2884
41	30	50	504204	2521.02	DFT-s- OFDM PI/2 BPSK	1@1	24.56	24.31	0.2698
41	30	50	504204	2521.02	DFT-s- OFDM PI/2 BPSK	1@131	24.29	24.04	0.2535
41	30	50	504204	2521.02	DFT-s- OFDM QPSK	64@32	24.83	24.58	0.2871

41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	24.64	24.39	0.2748
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	24.37	24.12	0.2582
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	23.89	23.64	0.2312
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	23.68	23.43	0.2203
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	23.47	23.22	0.2099
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	22.35	22.1	0.1622
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	22.15	21.9	0.1549
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	21.84	21.59	0.1442
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	20.38	20.13	0.1030
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	20.07	19.82	0.0959
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	19.79	19.54	0.0899
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	23.29	23.04	0.2014
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	23.59	23.34	0.2158
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	23.2	22.95	0.1972
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	25.06	24.81	0.3027
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.64	24.39	0.2748
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	24.75	24.5	0.2818
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.04	24.79	0.3013
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.7	24.45	0.2786
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	24.78	24.53	0.2838
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	23.78	23.53	0.2254
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.62	23.37	0.2173
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	23.72	23.47	0.2223
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	22.58	22.33	0.1710

41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.14	21.89	0.1545
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	22.27	22.02	0.1592
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	20.58	20.33	0.1079
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.26	20.01	0.1002
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	20.38	20.13	0.1030
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	23.53	23.28	0.2128
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	23.24	22.99	0.1991
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	23.43	23.18	0.2080
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	25.08	24.83	0.3041
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	24.5	24.25	0.2661
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	24.8	24.55	0.2851
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.08	24.83	0.3041
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.52	24.27	0.2673
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.02	24.77	0.2999
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	23.93	23.68	0.2333
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.47	23.22	0.2099
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	23.94	23.69	0.2339
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	22.64	22.39	0.1734
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	22.01	21.76	0.1500
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	22.45	22.2	0.1660
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	20.66	20.41	0.1099
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	20.09	19.84	0.0964
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	20.56	20.31	0.1074
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	23.6	23.35	0.2163
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	23.55	23.3	0.2138

41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	24.4	24.15	0.2600
41	30	60	505200	2526	DFT-s- OFDM PI/2 BPSK	81@40	24.76	24.51	0.2825
41	30	60	505200	2526	DFT-s- OFDM PI/2 BPSK	1@1	24.42	24.17	0.2612
41	30	60	505200	2526	DFT-s- OFDM PI/2 BPSK	1@160	24.31	24.06	0.2547
41	30	60	505200	2526	DFT-s- OFDM QPSK	81@40	24.77	24.52	0.2831
41	30	60	505200	2526	DFT-s- OFDM QPSK	1@1	24.55	24.3	0.2692
41	30	60	505200	2526	DFT-s- OFDM QPSK	1@160	24.42	24.17	0.2612
41	30	60	505200	2526	DFT-s- OFDM 16 QAM	81@40	23.77	23.52	0.2249
41	30	60	505200	2526	DFT-s- OFDM 16 QAM	1@1	23.5	23.25	0.2113
41	30	60	505200	2526	DFT-s- OFDM 16 QAM	1@160	23.39	23.14	0.2061
41	30	60	505200	2526	DFT-s- OFDM 64 QAM	81@40	22.27	22.02	0.1592
41	30	60	505200	2526	DFT-s- OFDM 64 QAM	1@1	21.98	21.73	0.1489
41	30	60	505200	2526	DFT-s- OFDM 64 QAM	1@160	21.78	21.53	0.1422
41	30	60	505200	2526	DFT-s- OFDM 256 QAM	81@40	20.25	20	0.1000
41	30	60	505200	2526	DFT-s- OFDM 256 QAM	1@1	19.95	19.7	0.0933
41	30	60	505200	2526	DFT-s- OFDM 256 QAM	1@160	19.92	19.67	0.0927
41	30	60	505200	2526	CP-OFDM QPSK	81@40	23.28	23.03	0.2009
41	30	60	505200	2526	CP-OFDM QPSK	1@1	23.26	23.01	0.2000
41	30	60	505200	2526	CP-OFDM QPSK	1@160	23.4	23.15	0.2065
41	30	60	518598	2592.99	DFT-s- OFDM PI/2 BPSK	81@40	25.04	24.79	0.3013
41	30	60	518598	2592.99	DFT-s- OFDM PI/2 BPSK	1@1	24.52	24.27	0.2673
41	30	60	518598	2592.99	DFT-s- OFDM PI/2 BPSK	1@160	24.77	24.52	0.2831
41	30	60	518598	2592.99	DFT-s- OFDM QPSK	81@40	25.09	24.84	0.3048
41	30	60	518598	2592.99	DFT-s- OFDM QPSK	1@1	24.55	24.3	0.2692

41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	24.76	24.51	0.2825
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	23.69	23.44	0.2208
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.56	23.31	0.2143
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	23.7	23.45	0.2213
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	22.58	22.33	0.1710
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.1	21.85	0.1531
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	22.33	22.08	0.1614
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	20.54	20.29	0.1069
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.14	19.89	0.0975
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	20.35	20.1	0.1023
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	23.56	23.31	0.2143
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	23.35	23.1	0.2042
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	23.83	23.58	0.2280
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	25.1	24.85	0.3055
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	24.34	24.09	0.2564
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	24.79	24.54	0.2844
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.15	24.9	0.3090
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.43	24.18	0.2618
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.01	24.76	0.2992
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	23.91	23.66	0.2323
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.39	23.14	0.2061
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	23.96	23.71	0.2350
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	22.68	22.43	0.1750
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	21.87	21.62	0.1452

41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	22.42	22.17	0.1648
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	20.64	20.39	0.1094
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	19.95	19.7	0.0933
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	20.54	20.29	0.1069
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	23.57	23.32	0.2148
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	22.98	22.73	0.1875
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	23.9	23.65	0.2317
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	24.74	24.49	0.2812
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.16	23.91	0.2460
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	24.3	24.05	0.2541
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	24.75	24.5	0.2818
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.25	24	0.2512
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	24.4	24.15	0.2600
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	23.77	23.52	0.2249
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.21	22.96	0.1977
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	23.3	23.05	0.2018
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	22.25	22	0.1585
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	21.65	21.4	0.1380
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	21.81	21.56	0.1432
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	20.23	19.98	0.0995
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	19.68	19.43	0.0877
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	19.79	19.54	0.0899
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	23.25	23	0.1995
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	23.16	22.91	0.1954
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	23.12	22.87	0.1936

41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	24.98	24.73	0.2972
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.23	23.98	0.2500
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	24.33	24.08	0.2559
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.01	24.76	0.2992
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.01	23.76	0.2377
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	24.47	24.22	0.2642
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	23.76	23.51	0.2244
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.9	22.65	0.1841
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	23.4	23.15	0.2065
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	22.52	22.27	0.1687
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.43	21.18	0.1312
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	21.91	21.66	0.1466
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	20.49	20.24	0.1057
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.46	19.21	0.0834
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	19.98	19.73	0.0940
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	23.47	23.22	0.2099
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	23.36	23.11	0.2046
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	23.11	22.86	0.1932
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	25.08	24.83	0.3041
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	24.16	23.91	0.2460
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	24.71	24.46	0.2793
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.16	24.91	0.3097
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.29	24.04	0.2535
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	24.99	24.74	0.2979

41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.1	23.85	0.2427
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.24	22.99	0.1991
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	23.89	23.64	0.2312
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	22.64	22.39	0.1734
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	21.86	21.61	0.1449
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	22.32	22.07	0.1611
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	20.65	20.4	0.1096
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	19.87	19.62	0.0916
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	20.48	20.23	0.1054
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	23.58	23.33	0.2153
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	23.26	23.01	0.2000
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	23.01	22.76	0.1888
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	24.69	24.44	0.2780
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	24.26	24.01	0.2518
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	24.16	23.91	0.2460
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	24.67	24.42	0.2767
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.11	23.86	0.2432
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	24.28	24.03	0.2529
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	23.71	23.46	0.2218
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	23.07	22.82	0.1914
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	23.25	23	0.1995
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	120@60	22.2	21.95	0.1567
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	21.44	21.19	0.1315
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@243	21.67	21.42	0.1387

41	30	90	508200	2541	DFT-s-OFDM 256 QAM	120@60	20.15	19.9	0.0977
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	19.49	19.24	0.0839
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@243	19.72	19.47	0.0885
41	30	90	508200	2541	CP-OFDM QPSK	123@61	23.13	22.88	0.1941
41	30	90	508200	2541	CP-OFDM QPSK	1@1	23.14	22.89	0.1945
41	30	90	508200	2541	CP-OFDM QPSK	1@243	23.05	22.8	0.1905
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	24.88	24.63	0.2904
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.18	23.93	0.2472
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	24.25	24	0.2512
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	24.9	24.65	0.2917
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.11	23.86	0.2432
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	24.36	24.11	0.2576
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	23.94	23.69	0.2339
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.75	22.5	0.1778
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	23.3	23.05	0.2018
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	22.44	22.19	0.1656
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.2	20.95	0.1245
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	21.76	21.51	0.1416
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	20.41	20.16	0.1038
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.18	18.93	0.0782
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	19.86	19.61	0.0914
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	23.38	23.13	0.2056
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	23.36	23.11	0.2046
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	23.02	22.77	0.1892
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	24.98	24.73	0.2972

41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.15	23.9	0.2455
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	24.62	24.37	0.2735
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.05	24.8	0.3020
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.17	23.92	0.2466
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	24.87	24.62	0.2897
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	23.95	23.7	0.2344
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.1	22.85	0.1928
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	23.88	23.63	0.2307
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	22.52	22.27	0.1687
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	21.62	21.37	0.1371
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	22.28	22.03	0.1596
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	20.53	20.28	0.1067
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	19.71	19.46	0.0883
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	20.37	20.12	0.1028
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	23.46	23.21	0.2094
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	23.12	22.87	0.1936
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	23.99	23.74	0.2366
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.69	24.44	0.2780
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.15	23.9	0.2455
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.06	23.81	0.2404
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.69	24.44	0.2780
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.16	23.91	0.2460
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.15	23.9	0.2455
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.71	23.46	0.2218

41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	22.89	22.64	0.1837
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.11	22.86	0.1932
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.16	21.91	0.1552
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	21.33	21.08	0.1282
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	21.55	21.3	0.1349
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.16	19.91	0.0979
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	19.35	19.1	0.0813
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	19.59	19.34	0.0859
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.17	22.92	0.1959
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23.21	22.96	0.1977
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	22.89	22.64	0.1837
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	24.89	24.64	0.2911
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.18	23.93	0.2472
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	24.22	23.97	0.2495
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.18	24.93	0.3112
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.16	23.91	0.2460
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	24.3	24.05	0.2541
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	23.93	23.68	0.2333
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	22.51	22.26	0.1683
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	23.35	23.1	0.2042
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	22.41	22.16	0.1644
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.06	20.81	0.1205
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	21.79	21.54	0.1426
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	20.4	20.15	0.1035

41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	18.95	18.7	0.0741
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	19.75	19.5	0.0891
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	23.38	23.13	0.2056
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.3	23.05	0.2018
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.29	23.04	0.2014
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	24.83	24.58	0.2871
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.36	24.11	0.2576
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	24.21	23.96	0.2489
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	24.84	24.59	0.2877
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.12	23.87	0.2438
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.47	24.22	0.2642
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	23.92	23.67	0.2328
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	22.77	22.52	0.1786
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.52	23.27	0.2123
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.39	22.14	0.1637
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	21.22	20.97	0.1250
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	21.87	21.62	0.1452
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	20.33	20.08	0.1019
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	19.2	18.95	0.0785
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	19.86	19.61	0.0914
41	30	100	528000	2640	CP-OFDM QPSK	137@68	23.37	23.12	0.2051
41	30	100	528000	2640	CP-OFDM QPSK	1@1	23.39	23.14	0.2061
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.44	23.19	0.2084

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00311	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00221	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00158	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00156	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00147	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00126	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00254	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00248	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00268	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00273	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00351	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00242	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.81	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	6.18	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.88	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	7.4	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.98	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	6.3	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.15	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	7.78	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.69	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	5.87	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.62	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	6.69	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



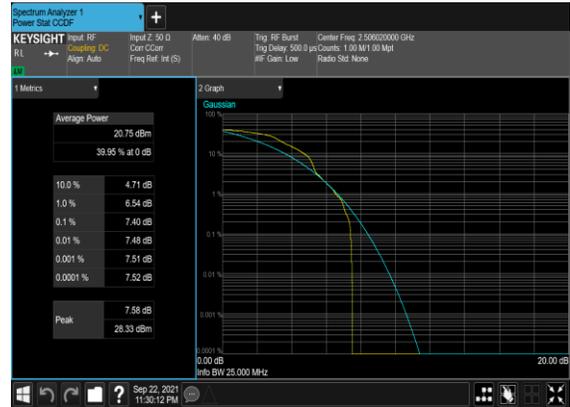
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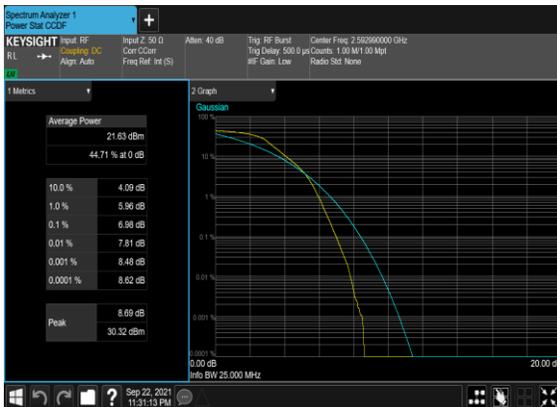
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N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



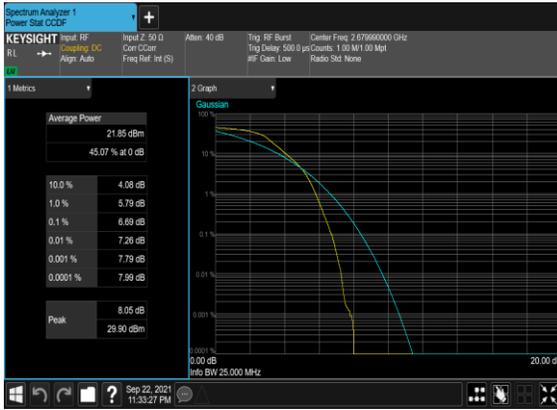
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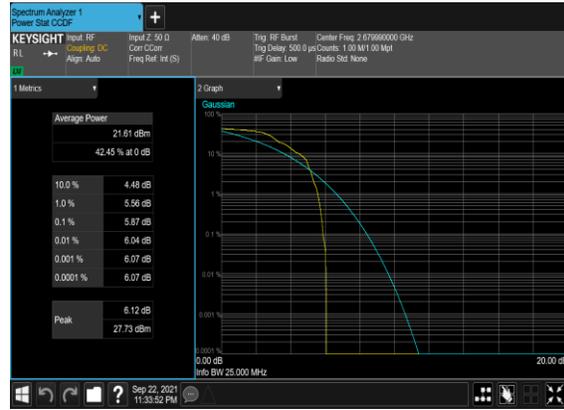
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N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

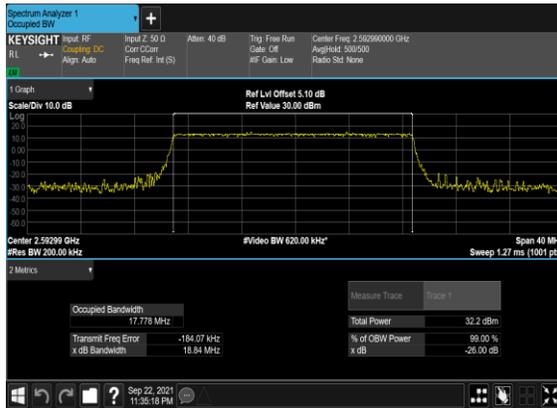


Occupied Bandwidth

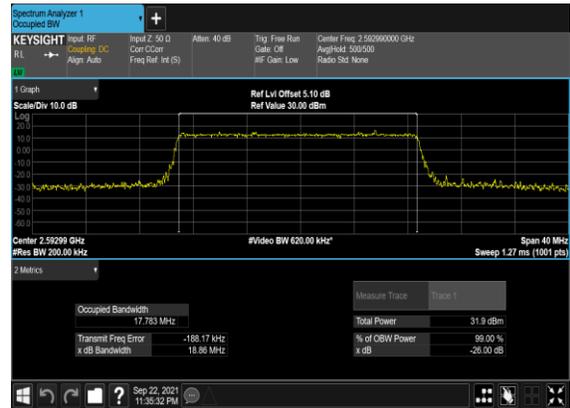
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.778	18.84
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.783	18.86
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.161	19.42
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.16	19.3
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.216	19.33
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.194	19.34
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.73	28.41
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.709	28.2
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.79	29.26
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.778	29.33
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.792	29.05
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.804	29.1
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.705	37.46
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.732	37.38
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.764	39.65
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.779	39.26
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.769	39.28
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.768	39.4
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.731	47.75
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.765	48.0
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.372	49.39
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.535	49.43
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.482	49.72
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.457	49.58

41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.836	59.99
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.818	60.04
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.662	59.77
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.83	59.88
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.7	59.75
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.781	59.7
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.131	79.67
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.073	79.62
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.388	80.05
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.386	80.01
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.448	80.02
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.277	79.91
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.594	88.39
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.755	88.64
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.317	90.24
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.494	90.28
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.287	90.27
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.388	90.24
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.294	99.46
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.139	99.4
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.485	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.273	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.217	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.235	100.5

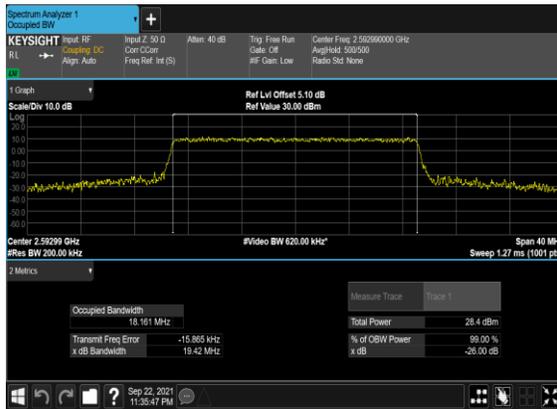
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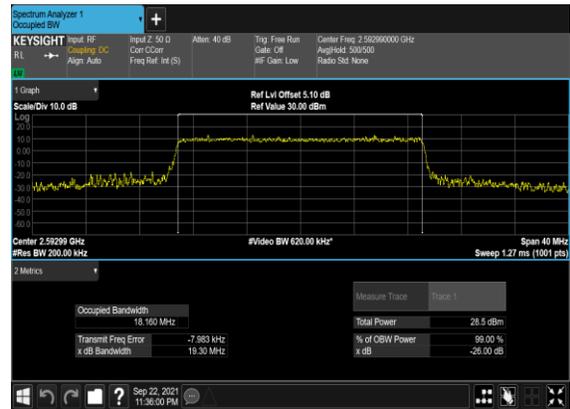
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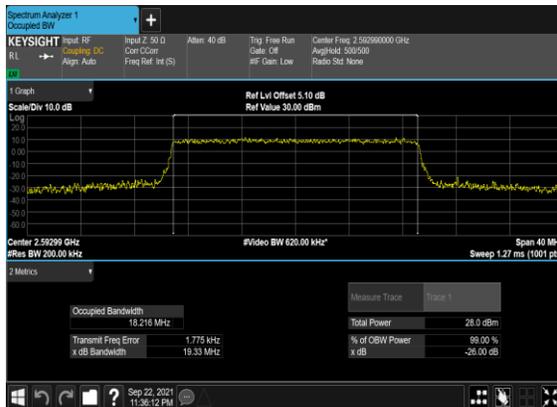
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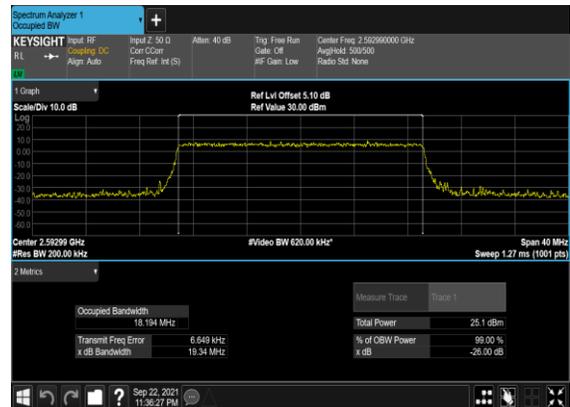
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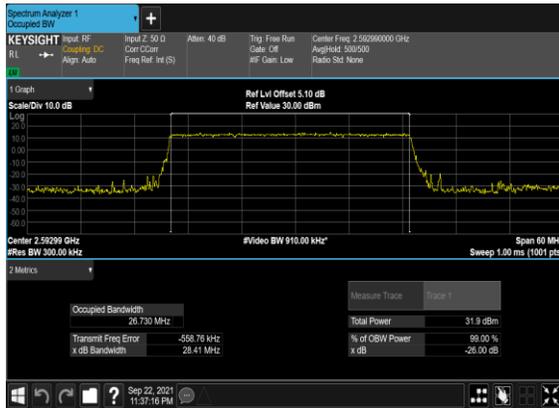
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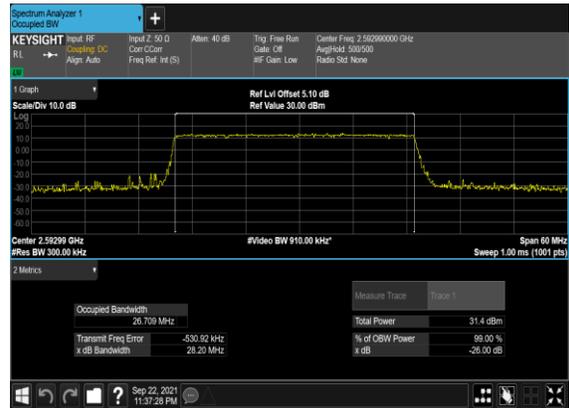
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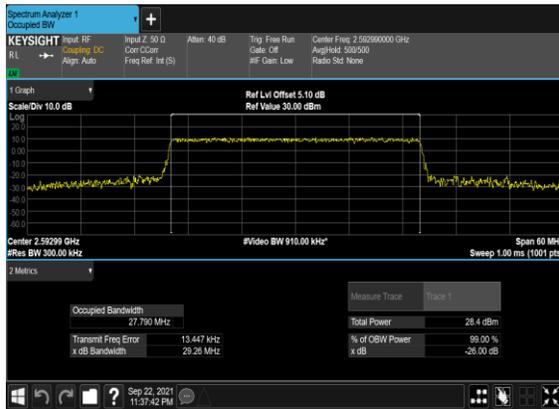
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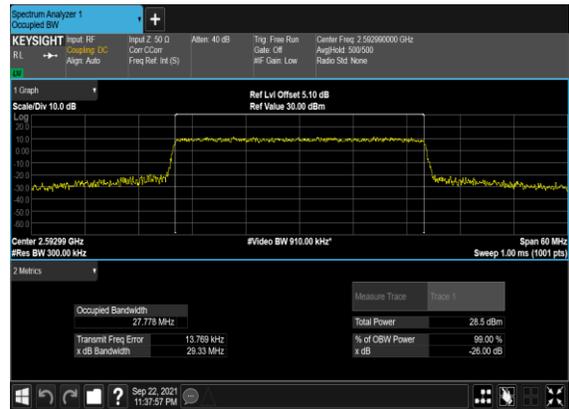
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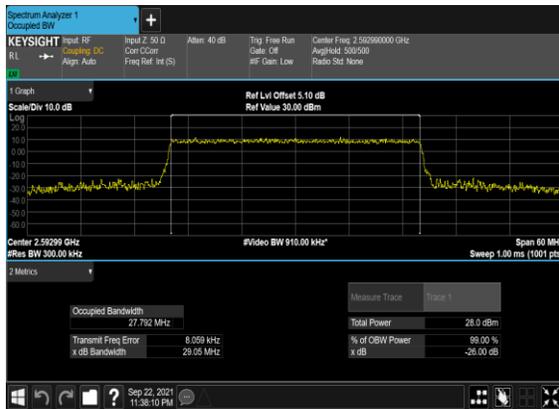
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N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



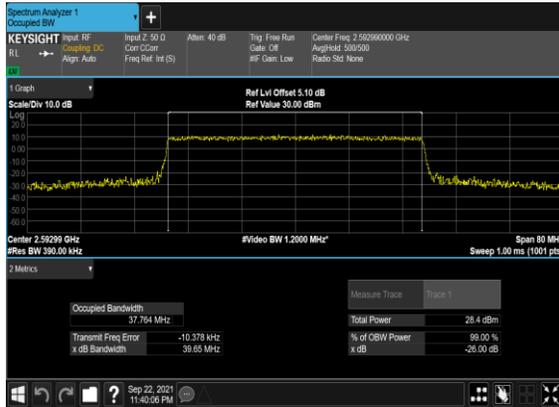
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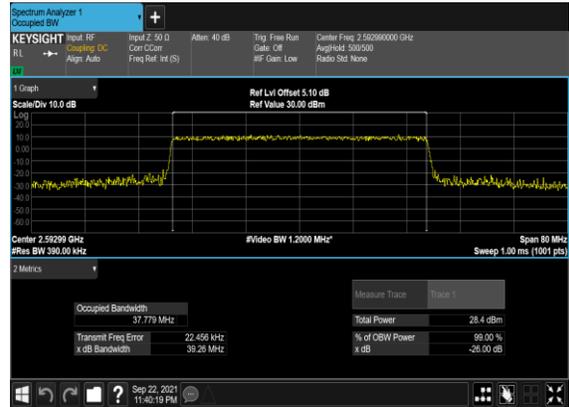
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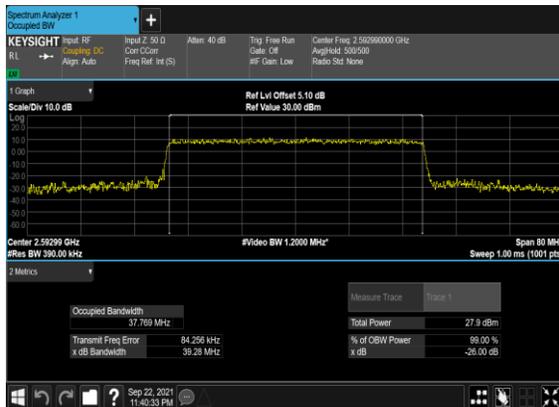
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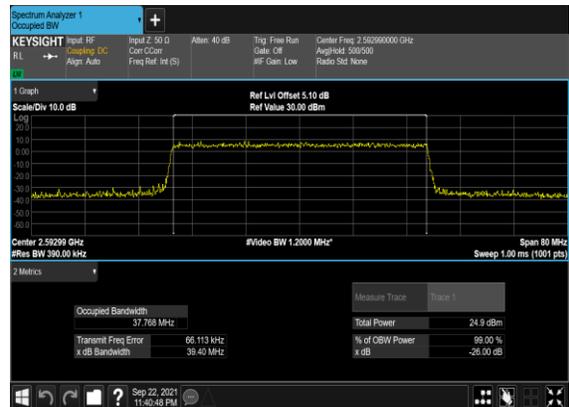
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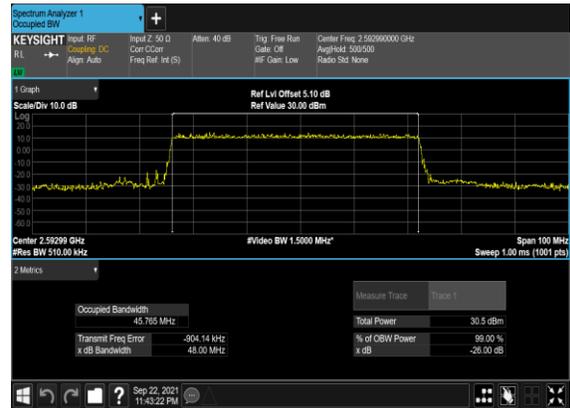
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N41(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



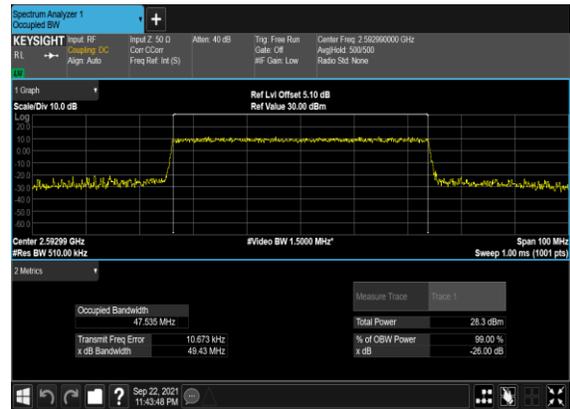
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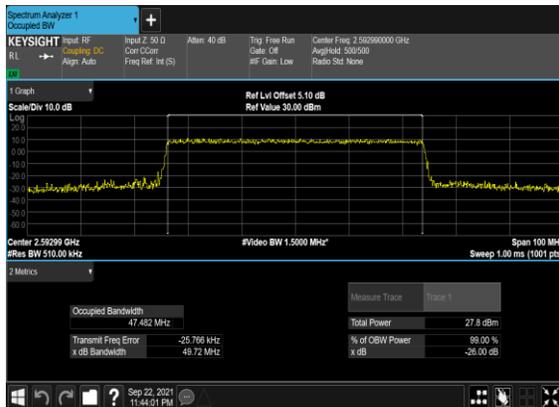
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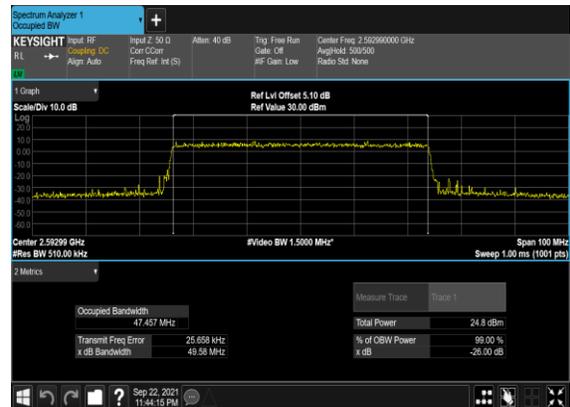
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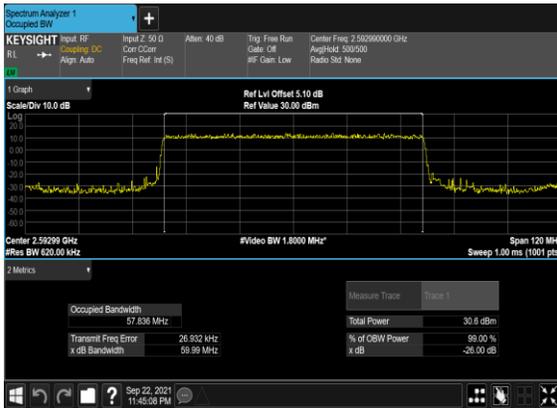
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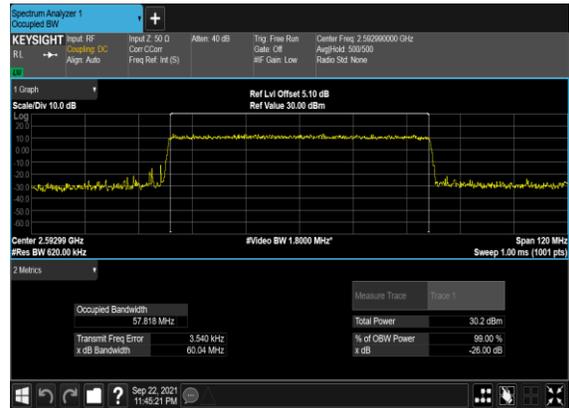
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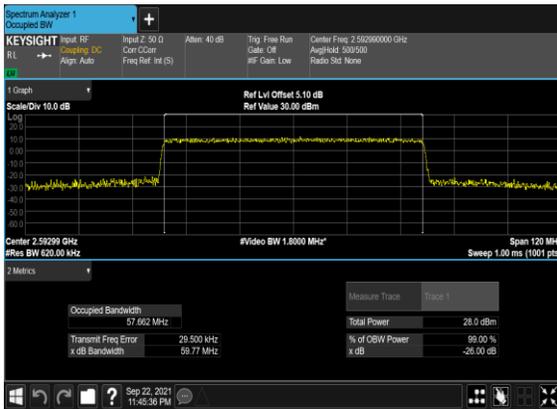
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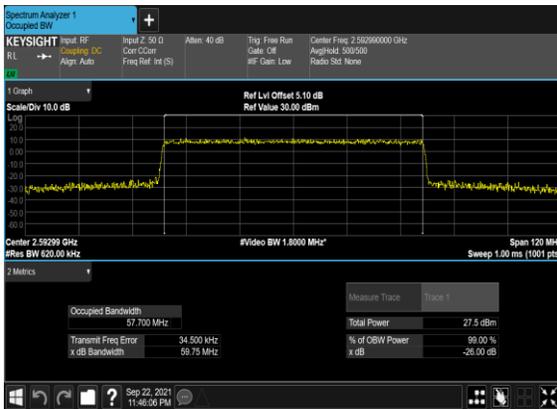
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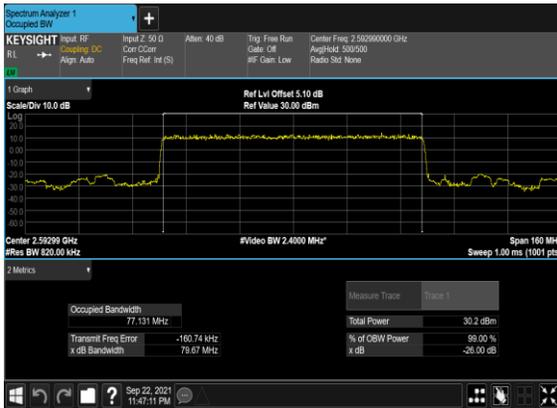
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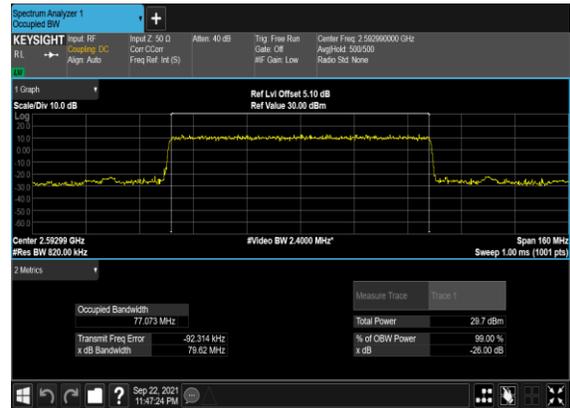
N41(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



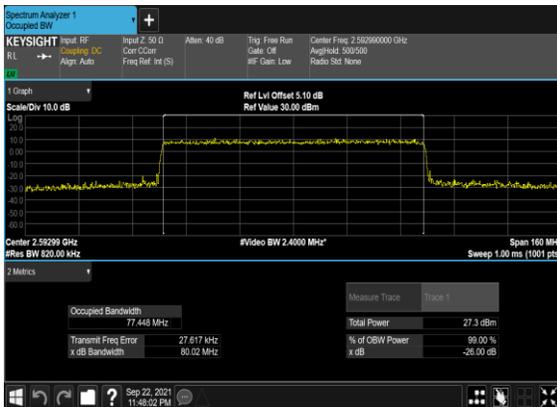
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



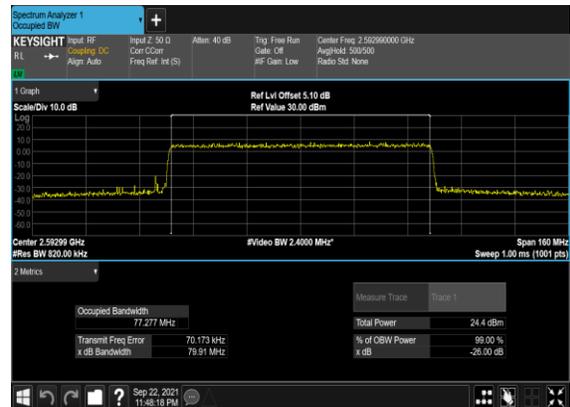
N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



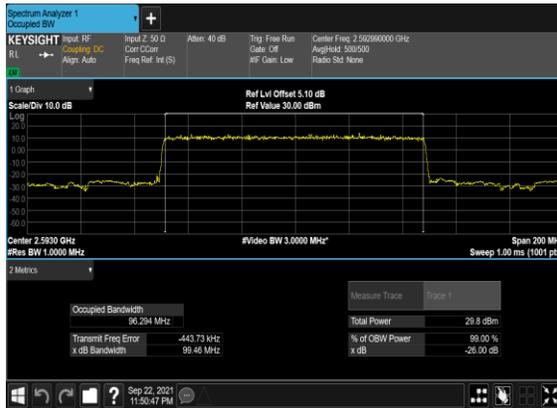
N41(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



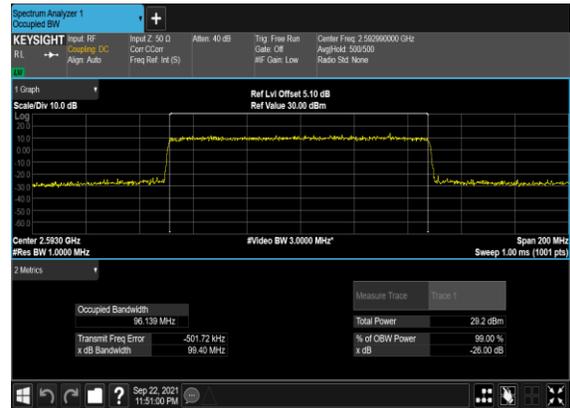
N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



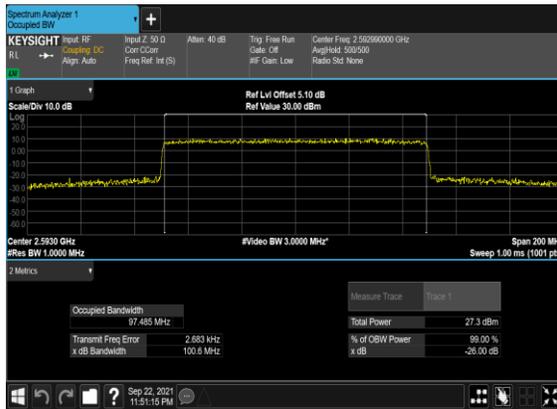
N41(100M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



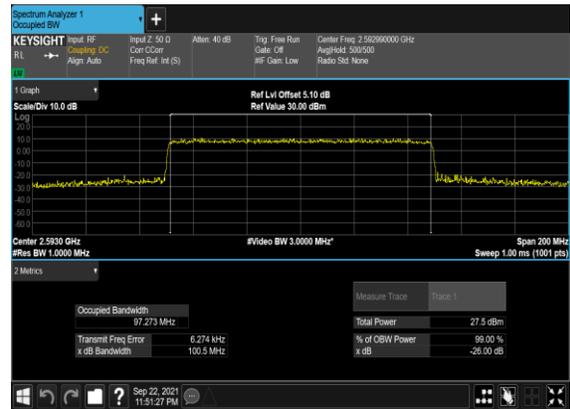
N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



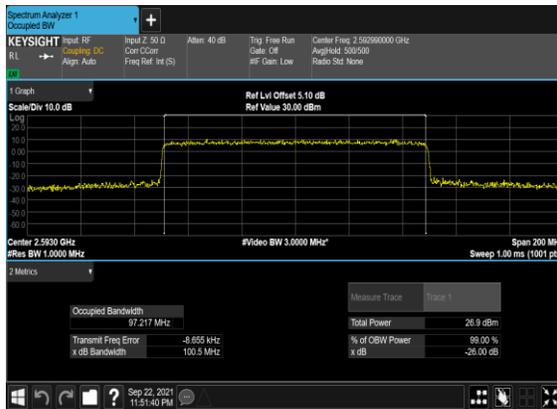
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



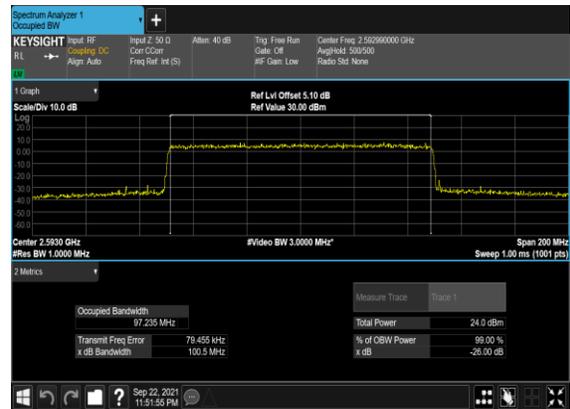
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



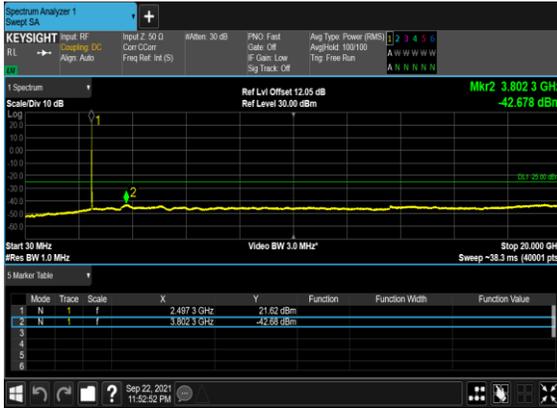
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	---

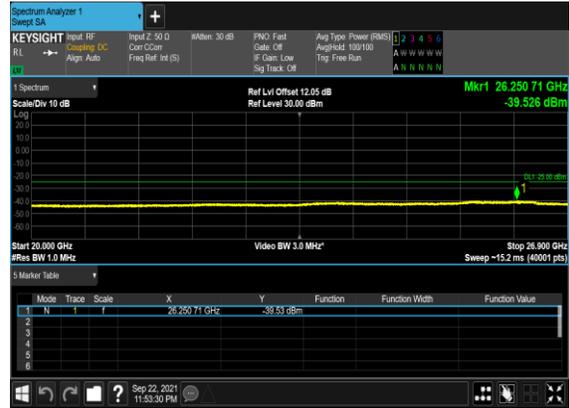
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---

41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



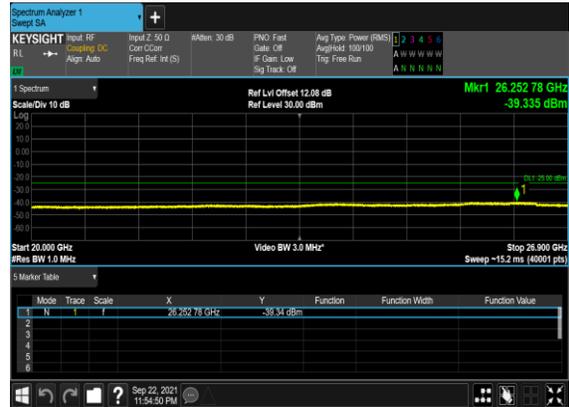
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



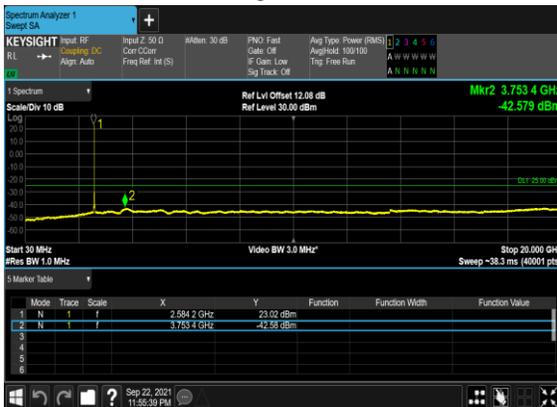
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



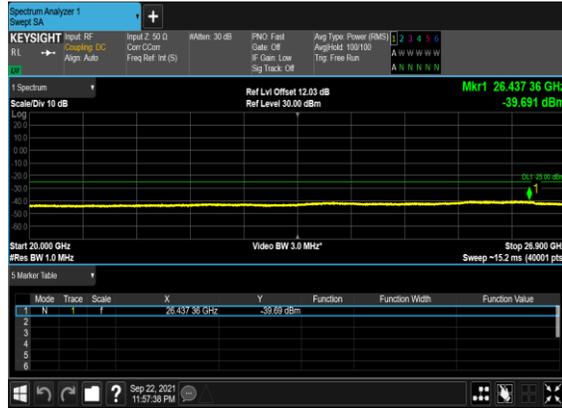
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



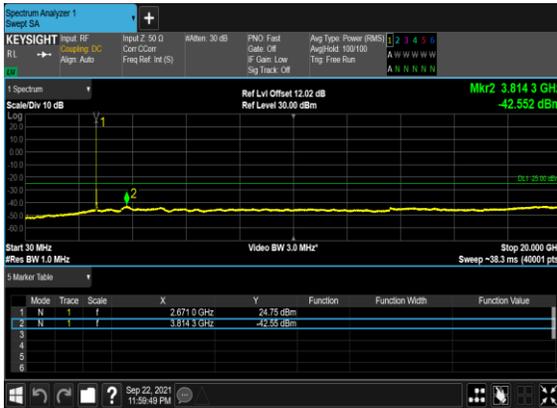
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



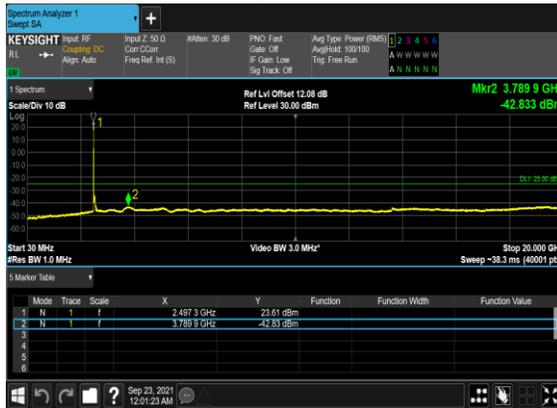
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



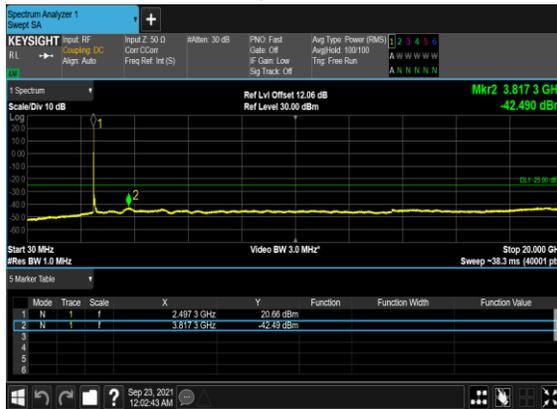
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



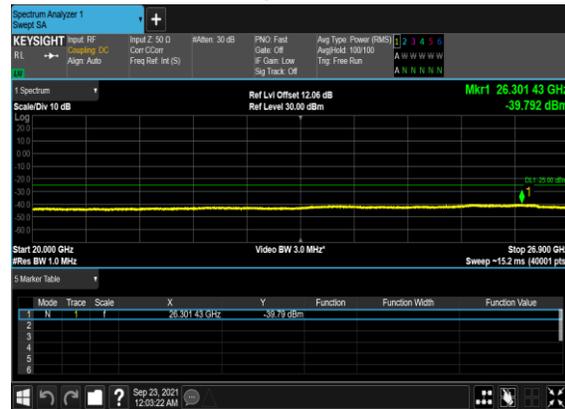
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



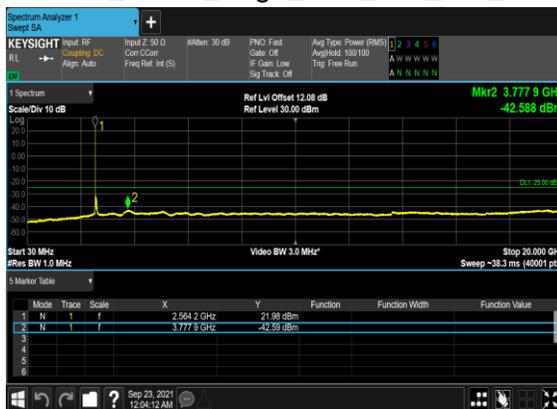
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



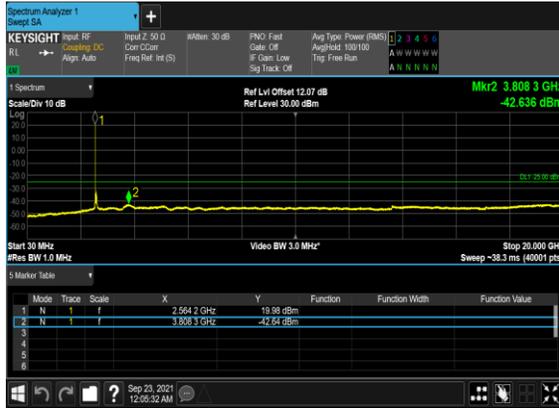
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



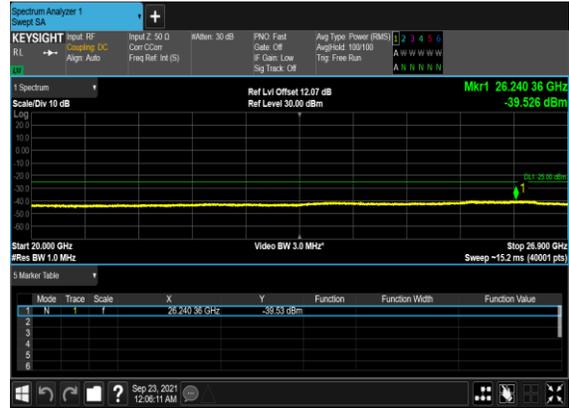
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



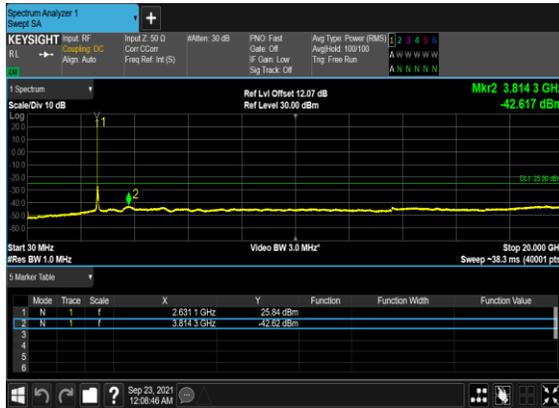
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



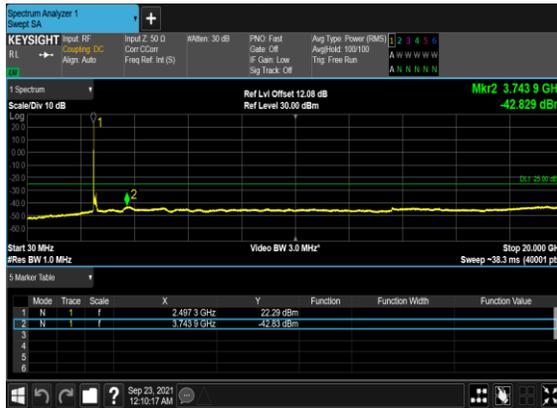
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



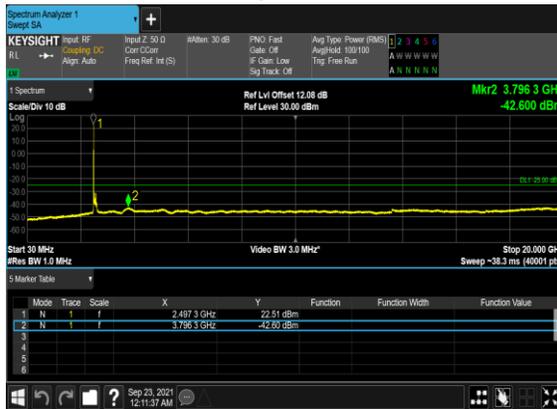
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



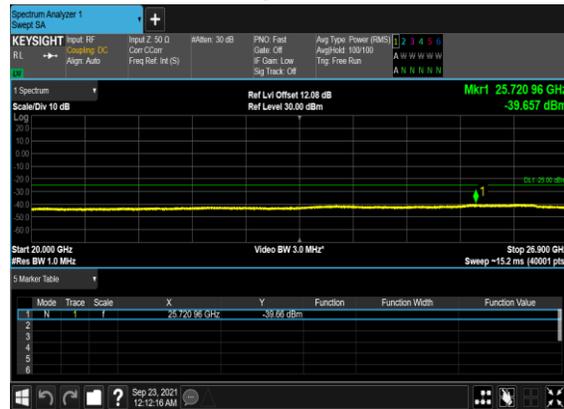
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



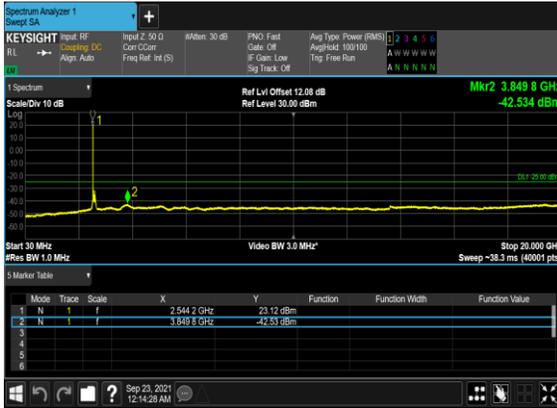
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



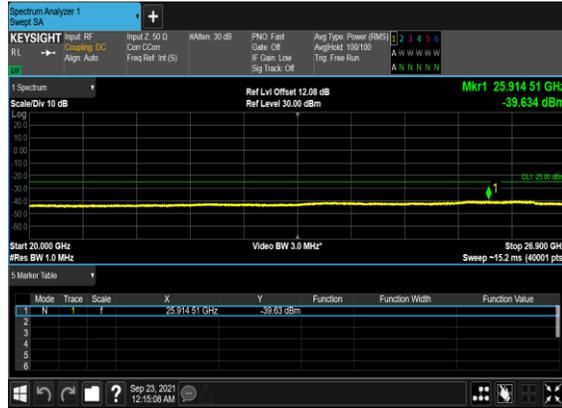
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



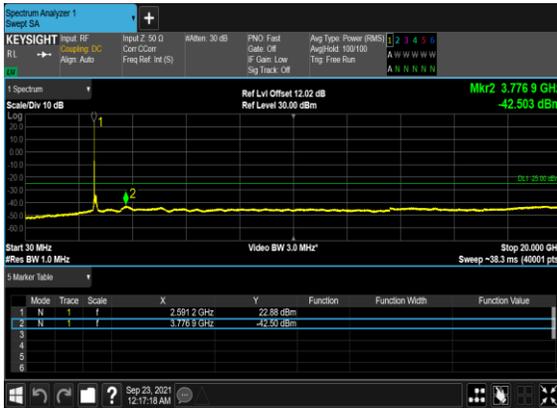
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

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

41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS