

FR1 N41(ANT5) – SCS 30kHz

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= 4.7dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	12@6	25.9	30.6	1.1482
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	25.85	30.55	1.1350
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@22	25.86	30.56	1.1376
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	25.91	30.61	1.1508
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.76	30.46	1.1117
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	25.83	30.53	1.1298
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	24.88	29.58	0.9078
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.06	29.76	0.9462
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	25.02	29.72	0.9376
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	12@6	23.42	28.12	0.6486
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@1	23.39	28.09	0.6442
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@22	23.38	28.08	0.6427
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	12@6	21.42	26.12	0.4093
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@1	21.53	26.23	0.4198
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@22	21.33	26.03	0.4009
41	30	10	500202	2501.01	CP-OFDM QPSK	12@6	24.48	29.18	0.8279
41	30	10	500202	2501.01	CP-OFDM QPSK	1@1	24.2	28.9	0.7762
41	30	10	500202	2501.01	CP-OFDM QPSK	1@22	24.3	29	0.7943
41	30	10	518598	2501.01	DFT-s-OFDM PI/2 BPSK	12@6	25.92	30.62	1.1535
41	30	10	518598	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	25.87	30.57	1.1402
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@22	25.86	30.56	1.1376
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.98	30.68	1.1695
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.86	30.56	1.1376
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.93	30.63	1.1561
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	24.99	29.69	0.9311
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.91	29.61	0.9141
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	24.93	29.63	0.9183
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	12@6	23.56	28.26	0.6699
41	30	10	518598	2592.99	DFT-s-OFDM	1@1	23.27	27.97	0.6266

					64 QAM				
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@22	23.3	28	0.6310
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	12@6	21.53	26.23	0.4198
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.46	26.16	0.4130
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@22	21.44	26.14	0.4111
41	30	10	518598	2592.99	CP-OFDM QPSK	12@6	24.51	29.21	0.8337
41	30	10	518598	2592.99	CP-OFDM QPSK	1@1	24.37	29.07	0.8072
41	30	10	518598	2592.99	CP-OFDM QPSK	1@22	24.44	29.14	0.8204
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	12@6	26.22	30.92	1.2359
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	26.06	30.76	1.1912
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@22	26.09	30.79	1.1995
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	26.22	30.92	1.2359
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.14	30.84	1.2134
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	26.11	30.81	1.2050
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	25.25	29.95	0.9886
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.07	29.77	0.9484
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	25.1	29.8	0.9550
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	12@6	23.79	28.49	0.7063
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@1	23.45	28.15	0.6531
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@22	23.44	28.14	0.6516
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	12@6	21.77	26.47	0.4436
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@1	21.67	26.37	0.4335
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@22	21.62	26.32	0.4285
41	30	10	537000	2685	CP-OFDM QPSK	12@6	24.78	29.48	0.8872
41	30	10	537000	2685	CP-OFDM QPSK	1@1	24.71	29.41	0.8730
41	30	10	537000	2685	CP-OFDM QPSK	1@22	24.67	29.37	0.8650
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	18@9	25.98	30.68	1.1695
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	25.86	30.56	1.1376
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@36	25.9	30.6	1.1482
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	26	30.7	1.1749
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.81	30.51	1.1246
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	25.86	30.56	1.1376
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	25.03	29.73	0.9397
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.94	29.64	0.9204

41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	24.97	29.67	0.9268
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	18@9	23.42	28.12	0.6486
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@1	23.2	27.9	0.6166
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@36	23.26	27.96	0.6252
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	18@9	21.47	26.17	0.4140
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@1	21.33	26.03	0.4009
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@36	21.44	26.14	0.4111
41	30	15	500700	2503.5	CP-OFDM QPSK	19@9	24.5	29.2	0.8318
41	30	15	500700	2503.5	CP-OFDM QPSK	1@1	24.08	28.78	0.7551
41	30	15	500700	2503.5	CP-OFDM QPSK	1@36	24.21	28.91	0.7780
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	18@9	25.99	30.69	1.1722
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.93	30.63	1.1561
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@36	26.04	30.74	1.1858
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	26	30.7	1.1749
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.9	30.6	1.1482
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	26.09	30.79	1.1995
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	24.99	29.69	0.9311
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.1	29.8	0.9550
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	25.21	29.91	0.9795
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	18@9	23.49	28.19	0.6592
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.49	28.19	0.6592
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@36	23.59	28.29	0.6745
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	18@9	21.52	26.22	0.4188
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.47	26.17	0.4140
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@36	21.52	26.22	0.4188
41	30	15	518598	2592.99	CP-OFDM QPSK	19@9	24.54	29.24	0.8395
41	30	15	518598	2592.99	CP-OFDM QPSK	1@1	24.36	29.06	0.8054
41	30	15	518598	2592.99	CP-OFDM QPSK	1@36	24.57	29.27	0.8453
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	18@9	26.19	30.89	1.2274
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	26.02	30.72	1.1803
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@36	26.06	30.76	1.1912
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	26.21	30.91	1.2331
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	26.07	30.77	1.1940
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	26.07	30.77	1.1940

41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	25.2	29.9	0.9772
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.04	29.74	0.9419
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	25.07	29.77	0.9484
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	18@9	23.65	28.35	0.6839
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@1	23.36	28.06	0.6397
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@36	23.39	28.09	0.6442
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	18@9	21.7	26.4	0.4365
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@1	21.6	26.3	0.4266
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@36	21.62	26.32	0.4285
41	30	15	536496	2682.48	CP-OFDM QPSK	19@9	24.69	29.39	0.8690
41	30	15	536496	2682.48	CP-OFDM QPSK	1@1	24.56	29.26	0.8433
41	30	15	536496	2682.48	CP-OFDM QPSK	1@36	24.51	29.21	0.8337
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	26	30.7	1.1749
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25.79	30.49	1.1194
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	25.88	30.58	1.1429
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	26.03	30.73	1.1830
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.73	30.43	1.1041
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.84	30.54	1.1324
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	25.07	29.77	0.9484
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.9	29.6	0.9120
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	24.98	29.68	0.9290
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	23.55	28.25	0.6683
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	23.16	27.86	0.6109
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	23.29	27.99	0.6295
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	21.52	26.22	0.4188
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	21.29	25.99	0.3972
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	21.44	26.14	0.4111
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	24.54	29.24	0.8395
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	24.05	28.75	0.7499
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	24.42	29.12	0.8166
41	30	20	518598	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	26.03	30.73	1.1830
41	30	20	518598	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25.8	30.5	1.1220
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	25.93	30.63	1.1561
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	26.02	30.72	1.1803

41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.93	30.63	1.1561
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	26.01	30.71	1.1776
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	25.07	29.77	0.9484
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.94	29.64	0.9204
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	25.02	29.72	0.9376
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	23.55	28.25	0.6683
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.28	27.98	0.6281
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	23.34	28.04	0.6368
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	21.55	26.25	0.4217
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.48	26.18	0.4150
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	21.62	26.32	0.4285
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	24.55	29.25	0.8414
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	24.51	29.21	0.8337
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	24.64	29.34	0.8590
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	26.18	30.88	1.2246
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	25.9	30.6	1.1482
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	25.97	30.67	1.1668
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	26.2	30.9	1.2303
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.98	30.68	1.1695
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	26	30.7	1.1749
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	25.19	29.89	0.9750
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.11	29.81	0.9572
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	25.11	29.81	0.9572
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	23.67	28.37	0.6871
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	23.56	28.26	0.6699
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	23.54	28.24	0.6668
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	21.75	26.45	0.4416
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	21.78	26.48	0.4446
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	21.69	26.39	0.4355
41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	24.73	29.43	0.8770
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	24.51	29.21	0.8337
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	24.54	29.24	0.8395
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	26.02	30.72	1.1803
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	25.33	30.03	1.0069

41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	25.81	30.51	1.1246
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	26.04	30.74	1.1858
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.32	30.02	1.0046
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.74	30.44	1.1066
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	25.04	29.74	0.9419
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.42	29.12	0.8166
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.82	29.52	0.8954
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	23.58	28.28	0.6730
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	22.69	27.39	0.5483
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	23.11	27.81	0.6039
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	21.57	26.27	0.4236
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	20.86	25.56	0.3597
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	21.32	26.02	0.3999
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	24.57	29.27	0.8453
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	23.81	28.51	0.7096
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	24.29	28.99	0.7925
41	30	40	518598	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	26.03	30.73	1.1830
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.55	30.25	1.0593
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	25.83	30.53	1.1298
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.99	30.69	1.1722
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.54	30.24	1.0568
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.89	30.59	1.1455
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	25.01	29.71	0.9354
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.63	29.33	0.8570
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.87	29.57	0.9057
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	23.56	28.26	0.6699
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.92	27.62	0.5781
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	23.23	27.93	0.6209
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	21.56	26.26	0.4227
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.14	25.84	0.3837
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	21.47	26.17	0.4140
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	24.51	29.21	0.8337
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	24.02	28.72	0.7447
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	24.39	29.09	0.8110

41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	50@25	26.21	30.91	1.2331
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	25.57	30.27	1.0641
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@104	25.85	30.55	1.1350
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	26.19	30.89	1.2274
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.52	30.22	1.0520
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.83	30.53	1.1298
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	25.21	29.91	0.9795
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.65	29.35	0.8610
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.9	29.6	0.9120
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	50@25	23.77	28.47	0.7031
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@1	22.89	27.59	0.5741
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@104	23.2	27.9	0.6166
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	50@25	21.81	26.51	0.4477
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@1	21.13	25.83	0.3828
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@104	21.44	26.14	0.4111
41	30	40	534000	2670	CP-OFDM QPSK	53@26	24.72	29.42	0.8750
41	30	40	534000	2670	CP-OFDM QPSK	1@1	24.08	28.78	0.7551
41	30	40	534000	2670	CP-OFDM QPSK	1@104	24.52	29.22	0.8356
41	30	50	504204	2670	DFT-s-OFDM PI/2 BPSK	64@32	25.67	30.37	1.0889
41	30	50	504204	2670	DFT-s-OFDM PI/2 BPSK	1@1	25.56	30.26	1.0617
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	26.06	30.76	1.1912
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	26.21	30.91	1.2331
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.6	30.3	1.0715
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.99	30.69	1.1722
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	25.2	29.9	0.9772
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.8	29.5	0.8913
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	25.25	29.95	0.9886
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	23.68	28.38	0.6887
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	23.13	27.83	0.6067
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	23.59	28.29	0.6745
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	21.65	26.35	0.4315
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	21.51	26.21	0.4178
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	21.94	26.64	0.4613
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	24.66	29.36	0.8630

41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	24.12	28.82	0.7621
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	24.36	29.06	0.8054
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	26.09	30.79	1.1995
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.83	30.53	1.1298
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	26.1	30.8	1.2023
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	26.11	30.81	1.2050
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.79	30.49	1.1194
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	26.07	30.77	1.1940
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	25.11	29.81	0.9572
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.89	29.59	0.9099
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	25.13	29.83	0.9616
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	23.63	28.33	0.6808
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.21	27.91	0.6180
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	23.51	28.21	0.6622
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	21.65	26.35	0.4315
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.35	26.05	0.4027
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	21.73	26.43	0.4395
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	24.63	29.33	0.8570
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	24.48	29.18	0.8279
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	24.86	29.56	0.9036
41	30	50	532998	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	26.1	30.8	1.2023
41	30	50	532998	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.85	30.55	1.1350
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	26.11	30.81	1.2050
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	26.27	30.97	1.2503
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.82	30.52	1.1272
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	26.15	30.85	1.2162
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	25.27	29.97	0.9931
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.87	29.57	0.9057
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	25.11	29.81	0.9572
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	23.81	28.51	0.7096
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	23.21	27.91	0.6180
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	23.4	28.1	0.6457
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	21.82	26.52	0.4487
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	21.45	26.15	0.4121

41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	21.74	26.44	0.4406
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	24.77	29.47	0.8851
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	24.34	29.04	0.8017
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	24.81	29.51	0.8933
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	81@40	26.2	30.9	1.2303
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.47	30.17	1.0399
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@160	25.97	30.67	1.1668
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	26.2	30.9	1.2303
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.41	30.11	1.0257
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.96	30.66	1.1641
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	25.22	29.92	0.9817
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.49	29.19	0.8299
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	25.02	29.72	0.9376
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	81@40	23.73	28.43	0.6966
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@1	22.85	27.55	0.5689
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@160	23.35	28.05	0.6383
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	81@40	21.71	26.41	0.4375
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@1	21.02	25.72	0.3733
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@160	21.53	26.23	0.4198
41	30	60	505200	2526	CP-OFDM QPSK	81@40	24.71	29.41	0.8730
41	30	60	505200	2526	CP-OFDM QPSK	1@1	23.87	28.57	0.7194
41	30	60	505200	2526	CP-OFDM QPSK	1@160	24.32	29.02	0.7980
41	30	60	518598	2526	DFT-s-OFDM PI/2 BPSK	81@40	26.2	30.9	1.2303
41	30	60	518598	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.43	30.13	1.0304
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	25.96	30.66	1.1641
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	26.16	30.86	1.2190
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.49	30.19	1.0447
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	26.01	30.71	1.1776
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	25.2	29.9	0.9772
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.74	29.44	0.8790
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	25.16	29.86	0.9683
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	23.67	28.37	0.6871
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.08	27.78	0.5998
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	23.56	28.26	0.6699

41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	21.69	26.39	0.4355
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.37	26.07	0.4046
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	21.82	26.52	0.4487
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	24.13	28.83	0.7638
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	24.05	28.75	0.7499
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	24.64	29.34	0.8590
41	30	60	531996	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	26.16	30.86	1.2190
41	30	60	531996	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.58	30.28	1.0666
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	25.97	30.67	1.1668
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	26.27	30.97	1.2503
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.61	30.31	1.0740
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	26.03	30.73	1.1830
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	25.26	29.96	0.9908
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.67	29.37	0.8650
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	25.01	29.71	0.9354
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	23.81	28.51	0.7096
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	23.01	27.71	0.5902
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	23.34	28.04	0.6368
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	21.78	26.48	0.4446
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	21.22	25.92	0.3908
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	21.57	26.27	0.4236
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	24.78	29.48	0.8872
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	24.16	28.86	0.7691
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	24.54	29.24	0.8395
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	26.22	30.92	1.2359
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	25.24	29.94	0.9863
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	25.79	30.49	1.1194
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	26.25	30.95	1.2445
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.19	29.89	0.9750
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.77	30.47	1.1143
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	25.28	29.98	0.9954
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.31	29.01	0.7962
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.82	29.52	0.8954
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	23.72	28.42	0.6950

41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	22.55	27.25	0.5309
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	23.07	27.77	0.5984
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	21.68	26.38	0.4345
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	20.86	25.56	0.3597
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	21.45	26.15	0.4121
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	24.69	29.39	0.8690
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	23.46	28.16	0.6546
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	24.06	28.76	0.7516
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	26.16	30.86	1.2190
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.37	30.07	1.0162
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	25.87	30.57	1.1402
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	26.2	30.9	1.2303
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.5	30.2	1.0471
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.83	30.53	1.1298
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	25.19	29.89	0.9750
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.46	29.16	0.8241
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.88	29.58	0.9078
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	23.67	28.37	0.6871
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.59	27.29	0.5358
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	23.19	27.89	0.6152
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	21.67	26.37	0.4335
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.77	25.47	0.3524
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	21.38	26.08	0.4055
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	24.67	29.37	0.8650
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	23.76	28.46	0.7015
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	24.49	29.19	0.8299
41	30	80	529998	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	26.15	30.85	1.2162
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	25.89	30.59	1.1455
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	25.83	30.53	1.1298
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	26.3	31	1.2589
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.48	30.18	1.0423
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.87	30.57	1.1402
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	25.31	30.01	1.0023
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.56	29.26	0.8433

41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	24.87	29.57	0.9057
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	23.82	28.52	0.7112
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	22.79	27.49	0.5610
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	23.18	27.88	0.6138
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	21.76	26.46	0.4426
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	20.98	25.68	0.3698
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	21.38	26.08	0.4055
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	24.76	29.46	0.8831
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	23.93	28.63	0.7295
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	24.34	29.04	0.8017
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	26.16	30.86	1.2190
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.1	29.8	0.9550
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	25.57	30.27	1.0641
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	26.19	30.89	1.2274
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.05	29.75	0.9441
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.64	30.34	1.0814
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	25.17	29.87	0.9705
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.16	28.86	0.7691
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.61	29.31	0.8531
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	120@60	23.65	28.35	0.6839
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	22.4	27.1	0.5129
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@243	22.98	27.68	0.5861
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	120@60	21.66	26.36	0.4325
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	20.58	25.28	0.3373
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@243	21.11	25.81	0.3811
41	30	90	508200	2541	CP-OFDM QPSK	123@61	24.69	29.39	0.8690
41	30	90	508200	2541	CP-OFDM QPSK	1@1	23.6	28.3	0.6761
41	30	90	508200	2541	CP-OFDM QPSK	1@243	24.22	28.92	0.7798
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	26.19	30.89	1.2274
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.24	29.94	0.9863
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	25.75	30.45	1.1092
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	26.19	30.89	1.2274
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.29	29.99	0.9977
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.75	30.45	1.1092

41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	25.2	29.9	0.9772
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.34	29.04	0.8017
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.79	29.49	0.8892
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	23.69	28.39	0.6902
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.56	27.26	0.5321
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	23.09	27.79	0.6012
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	21.69	26.39	0.4355
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.63	25.33	0.3412
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	21.26	25.96	0.3945
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	24.68	29.38	0.8670
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	23.62	28.32	0.6792
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	24.39	29.09	0.8110
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	26.19	30.89	1.2274
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	25.1	29.8	0.9550
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	25.7	30.4	1.0965
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	26.21	30.91	1.2331
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.17	29.87	0.9705
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.76	30.46	1.1117
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	25.22	29.92	0.9817
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.18	28.88	0.7727
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.72	29.42	0.8750
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	23.72	28.42	0.6950
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	22.48	27.18	0.5224
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	22.99	27.69	0.5875
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	21.75	26.45	0.4416
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	20.65	25.35	0.3428
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	21.25	25.95	0.3936
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	24.74	29.44	0.8790
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	23.65	28.35	0.6839
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	24.36	29.06	0.8054
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	23.19	27.89	0.6152
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	21.97	26.67	0.4645
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	22.42	27.12	0.5152
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	23.23	27.93	0.6209

41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	21.91	26.61	0.4581
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	22.48	27.18	0.5224
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	22.18	26.88	0.4875
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	20.98	25.68	0.3698
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	21.43	26.13	0.4102
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	20.87	25.57	0.3606
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	19.66	24.36	0.2729
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	20.14	24.84	0.3048
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	18.79	23.49	0.2234
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	17.89	22.59	0.1816
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	18.36	23.06	0.2023
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	21.64	26.34	0.4305
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	20.44	25.14	0.3266
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	20.99	25.69	0.3707
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	23.23	27.93	0.6209
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	21.98	26.68	0.4656
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	22.64	27.34	0.5420
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	23.25	27.95	0.6237
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.02	26.72	0.4699
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	22.63	27.33	0.5408
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	22.17	26.87	0.4864
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.15	25.85	0.3846
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	21.7	26.4	0.4365
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	20.84	25.54	0.3581
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	19.77	24.47	0.2799
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	19.98	24.68	0.2938
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	18.82	23.52	0.2249
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.84	22.54	0.1795
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	18.43	23.13	0.2056
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21.63	26.33	0.4295
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	20.42	25.12	0.3251
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	21.02	25.72	0.3733
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	23.26	27.96	0.6252
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	21.88	26.58	0.4550

41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	22.67	27.37	0.5458
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	23.28	27.98	0.6281
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	21.89	26.59	0.4560
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	22.62	27.32	0.5395
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	22.21	26.91	0.4909
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	20.88	25.58	0.3614
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	21.63	26.33	0.4295
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	20.71	25.41	0.3475
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	19.58	24.28	0.2679
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	19.96	24.66	0.2924
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	18.85	23.55	0.2265
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	17.74	22.44	0.1754
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	18.47	23.17	0.2075
41	30	100	528000	2640	CP-OFDM QPSK	137@68	21.67	26.37	0.4335
41	30	100	528000	2640	CP-OFDM QPSK	1@1	20.46	25.16	0.3281
41	30	100	528000	2640	CP-OFDM QPSK	1@271	21.18	25.88	0.3873

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	0.0247	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0291	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0048	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0274	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0338	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0425	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0251	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0634	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0436	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0023	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0307	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0695	PASS	50°C

Peak to Average Radio

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	7.08	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	7.12	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	8.33	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	7.73	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	7.38	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	7.09	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.6	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	7.24	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	7.65	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.92	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	8.81	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	8.13	13	PASS

The screenshot displays the Keysight Spectrum Analyzer 1 interface. The top status bar shows 'Spectrum Analyzer 1' and 'Power Stat CCDF'. The main display area is divided into two sections: '1 Metrics' on the left and '2 Graph' on the right.

1 Metrics: This section shows various power and noise metrics. The 'Average Power' is 23.14 dBm, and the 'Peak' power is 31.84 dBm. The 'Noise Floor' is 45.31 % at 0 dB. The 'Noise Power' is 4.03 dB, and the 'Noise Density' is 5.86 dB. The 'Noise Power Density' is 7.08 dB, and the 'Noise Power Density' is 7.78 dB. The 'Noise Power Density' is 8.29 dB, and the 'Noise Power Density' is 8.59 dB. The 'Noise Power Density' is 8.70 dB, and the 'Noise Power Density' is 8.84 dB.

2 Graph: This section shows a plot of the signal. The plot is titled 'Gaussian' and shows a signal with a peak power of 23.14 dBm. The plot shows a Gaussian signal with a peak power of 23.14 dBm. The plot shows a Gaussian signal with a peak power of 23.14 dBm.

Spectrum Analyzer 1
Power Stat CDF

KEYSIGHT Input RF: **Gaussian DC**
RL → **Align: Auto**

Input Z: 50 Ω
Cov: C-Corr
Freq Ref: 1st (S)

Alarm: 40 dB
Trig: RF Burst
Trig Delay: 500.0 μs
RF: Gain: Low
Center Freq: 2.500000000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None

1 Metrics

Average Power

20.04 dBm
42.90 % at 0 dB

10.0 % 4.50 dB
1.0 % 6.11 dB
0.1 % 7.12 dB
0.01 % 7.52 dB
0.001 % 7.60 dB
0.0001 % 7.62 dB

Peak

7.66 dB
27.70 dBm

2 Graph
Gaussian

100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
0.00 dB
20.00 dB

Info BW 25.000 MHz

Dec 13, 2021 10:42:31 AM

Keysight Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF: 2.50 GHz, Corr CC: Cor, Freq Ref: Int (S)
R1: **Creating DC**, Align: Auto

1 Metrics: Average Power: 22.65 dBm, 41.41 % at 0 dB

10.0 %: 4.32 dB
1.0 %: 6.78 dB
0.1 %: 8.33 dB
0.01 %: 9.22 dB
0.001 %: 9.68 dB
0.0001 %: 9.81 dB

Peak: 9.93 dB, 32.50 dBm

2 Graph: Gaussian

Center Freq: 2.500000000 GHz
Trig Delay: 500.00 ps, Counts: 1.00 M1.00 Mpt
RF Dam: Low, Ratio Std: None

Info BW: 25.000 MHz

Spectrum Analyzer 1
Power Stat CDF

KEYSIGHT Input: RF
RL → Config: Auto
Align: Auto

Input 2: 50.0
Cen C: 0
Freq Ref: 101 (S)

Att: 40 dB

Trig: RF Burst
Trig Delay: 500.0 ps
RF: Gain: Low

Center Freq: 2.500020000 GHz
Res: 1.00 MHz
Radio Std: None

1 Metrics

Average Power

20.07 dBm
41.42 % at 0 dB

100.0 % 4.42 dB
1.0 % 6.72 dB
0.1 % 7.73 dB
0.01 % 7.89 dB
0.001 % 7.92 dB
0.0001 % 7.93 dB

Peak

7.98 dB
28.05 dBm

2 Graph

Gaussian

100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %

20.07 dBm
0.00 dBm

Info BW 25.000 MHz

20.00

The screenshot displays the Keysight Spectrum Analyzer 1 interface. The top status bar shows 'Spectrum Analyzer 1' and 'Power Stat OFF'. The main display area is divided into several sections:

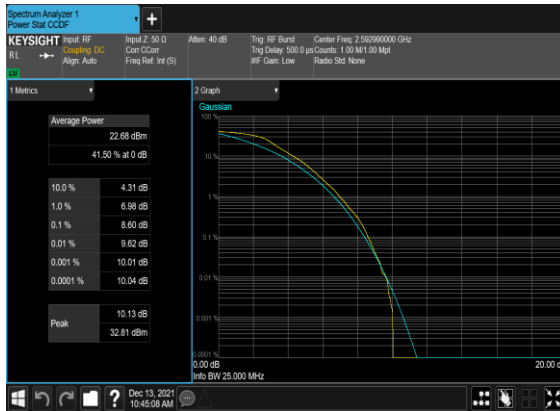
- Top Left:** 'KEYSIGHT' logo and 'R1' label.
- Top Center:** 'Input RF' and 'Coupling DC' settings.
- Top Right:** 'Align Auto' button and 'Freq Ref Int (S)' label.
- Top Bar:** 'Align: 40 dB', 'Trig: RF Burst', 'Center Freq: 2.562650000 GHz', 'Trig Delay: 500.0 µs', 'Counts: 1.00 M1 0.00 Mpt', 'RF Gain: Low', and 'Radio Std: None'.
- Left Panel:** '1 Metrics' section showing 'Average Power' (23.14 dBm, 45.28 % at 0 dB) and a table of power levels.
- Right Panel:** '2 Graph' section showing a 'Gaussian' noise floor plot with a yellow curve and a blue line.
- Bottom Bar:** '0.00 dB', '100 BW 25.000 MHz', and a Windows taskbar at the bottom.

Power Levels Table:

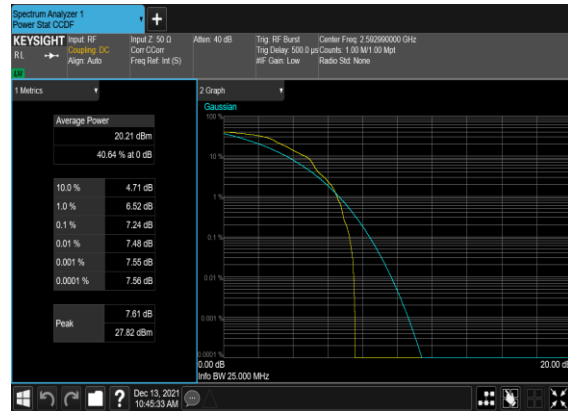
10.0 %	4.02 dB
1.0 %	6.08 dB
0.1 %	7.38 dB
0.01 %	8.12 dB
0.001 %	8.68 dB
0.0001 %	8.87 dB
Peak	8.92 dB
	32.06 dBm

The screenshot displays the Keysight Spectrum Analyzer 1 interface. The top status bar shows 'Spectrum Analyzer 1' and 'Power Stat: OFF'. The main control area includes 'RL' (Return Loss) and 'Align: Auto'. The input settings are 'Input 2: 50.0 GHz', 'Coupling: DC', 'Com: CCR', and 'Freq Ref: Int (S)'. The display parameters are 'Aver: 40 dB', 'Trig: RF Burst', 'Center Freq: 2.582500000 GHz', 'Trig Delay: 500.0 ps Counts', '1.00 MHz Mpt', 'RF: Cam: Low', and 'Radio Skd: None'. The left sidebar shows '1 Metrics' with 'Average Power' at 20.13 dBm (42.82 % at 0 dB) and a list of power levels from 10.0 % to 0.0001 % with corresponding dB values. The 'Peak' section shows 7.38 dB and 27.51 dBm. The main plot area shows '2 Graph' with a 'Gaussian' noise floor curve. The x-axis is 'Info BW 25.000 MHz' and the y-axis is a logarithmic scale from 0.0001 % to 100 %.

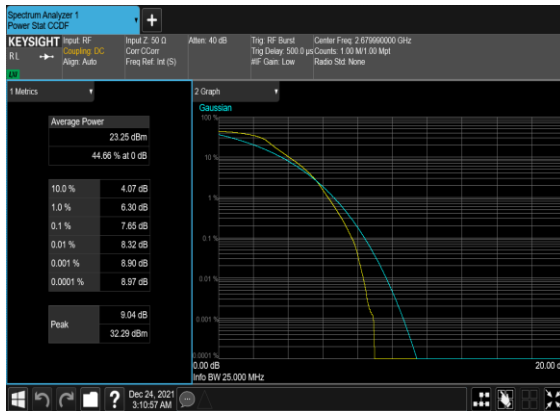
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



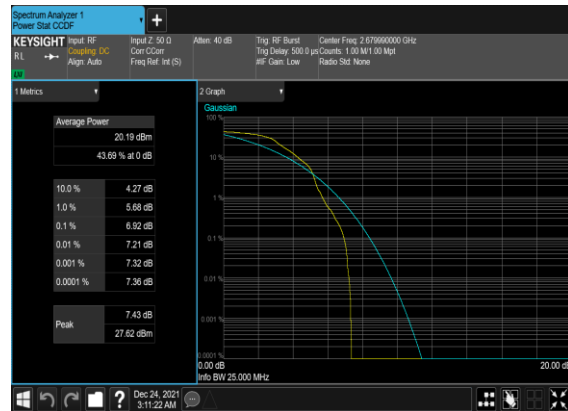
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



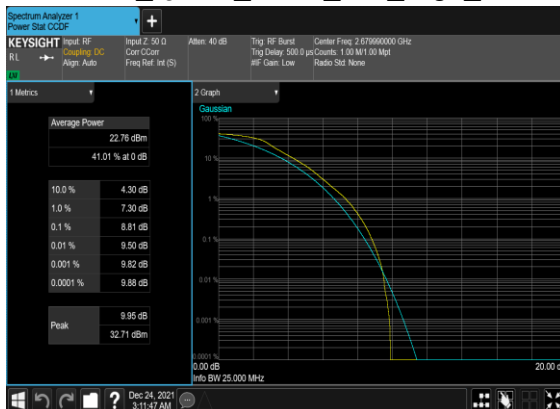
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



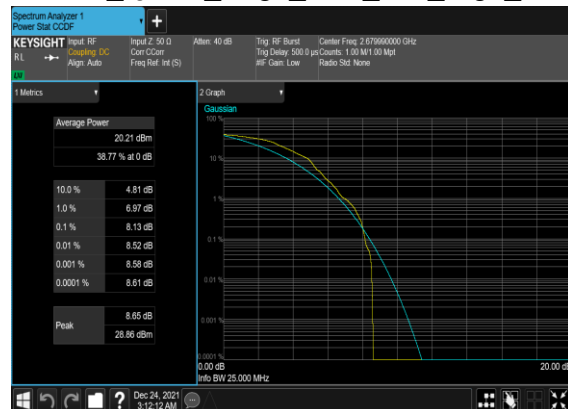
N41(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



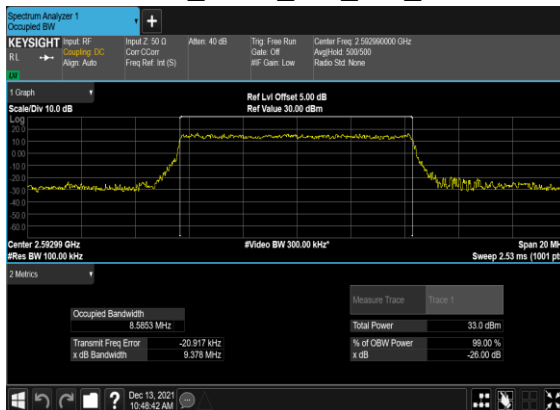
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	24@0	8.5853	9.378
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	24@0	8.5808	9.392
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5671	9.342
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.566	9.348
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5772	9.472
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5851	9.336
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@0	12.863	13.77
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	36@0	12.826	13.97
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.571	14.54
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.589	14.46
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.588	14.55
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.585	14.61
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.798	18.88
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.772	18.92
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.23	19.25
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.21	19.29
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.193	19.25
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.177	19.26
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.77	37.61
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.718	37.55
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.867	39.44
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.856	39.34
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.825	39.56
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.852	39.42

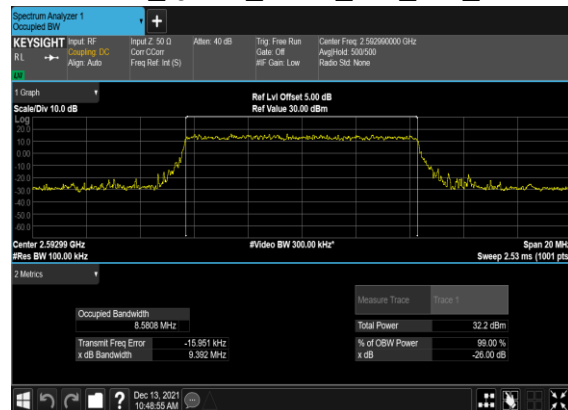
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.817	47.84
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.764	47.91
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.524	49.51
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.55	50.37
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.621	49.74
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.495	49.74
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.943	59.9
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.965	59.9
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.84	59.99
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.909	60.0
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.968	60.09
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.926	60.12
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.243	79.78
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.316	79.93
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.588	80.16
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.734	79.99
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.566	80.24
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.528	80.18
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.849	88.71
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	86.041	88.63
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.657	90.26
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.545	90.32
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.678	90.3
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.637	90.23
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.473	99.59
41	30	100	518598	2592.99	DFT-s-OFDM	270@0	96.373	99.35

QPSK								
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.585	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.567	100.8
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.511	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.43	100.6

N41(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



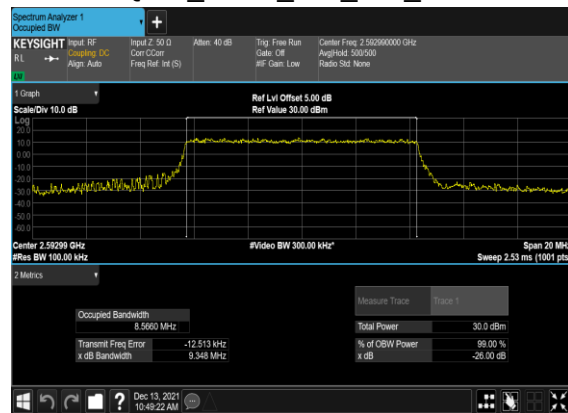
N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



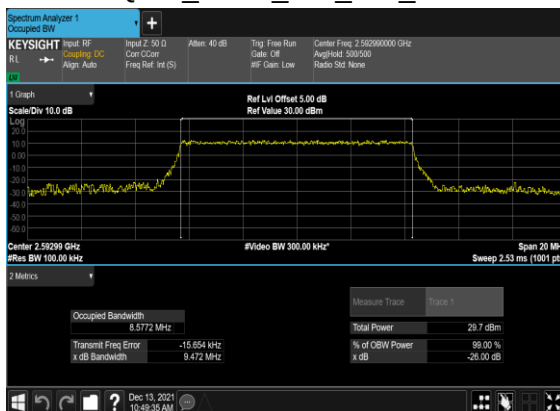
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



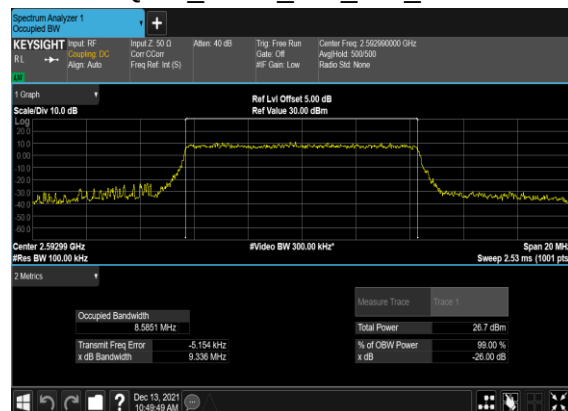
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QAM_Outer_Full_Mid_CH



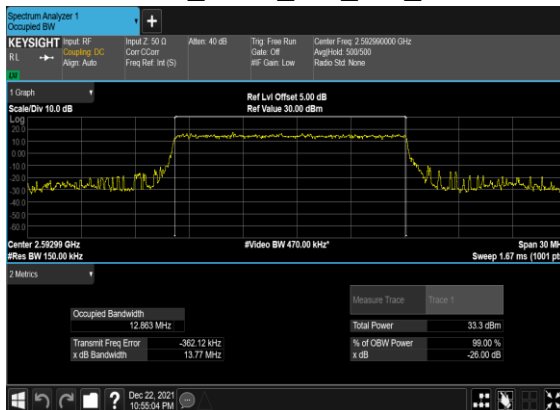
N41(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



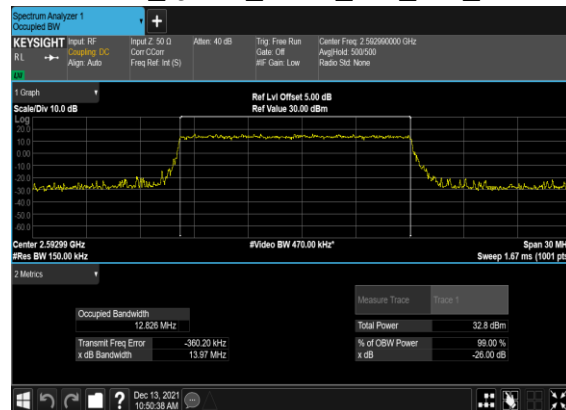
N41(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



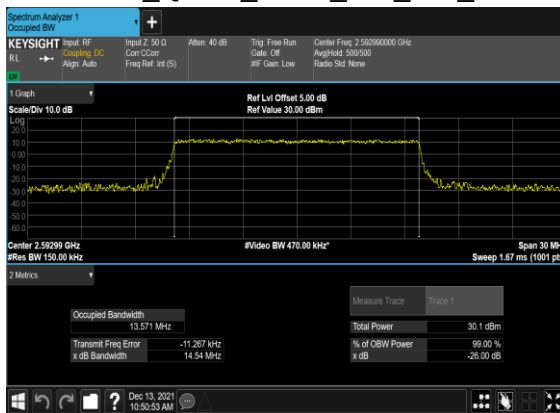
N41(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



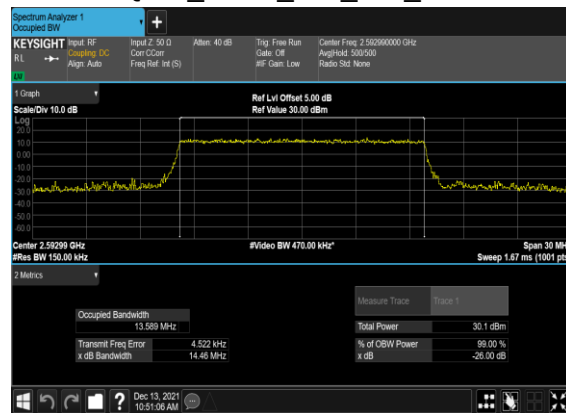
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OFDM_QPSK_Outer_Full_Mid_CH



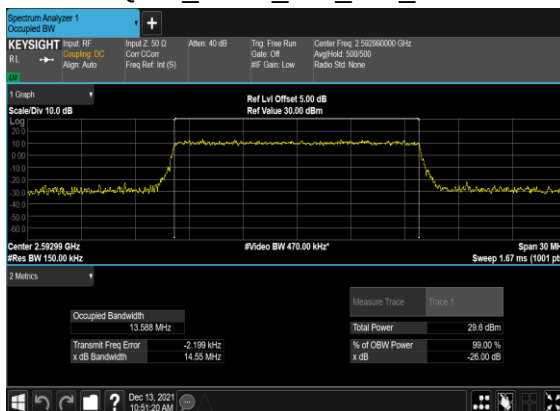
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OFDM_QPSK_Outer_Full_Mid_CH



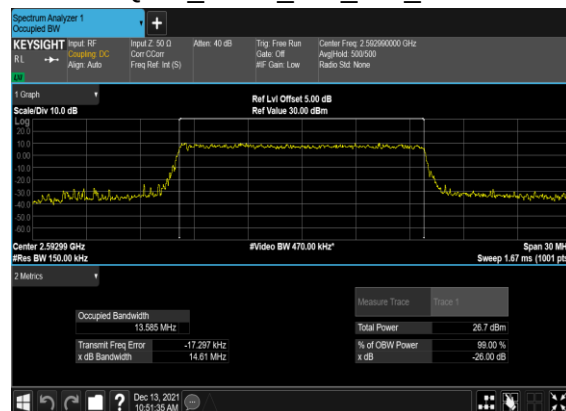
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QAM_Outer_Full_Mid_CH



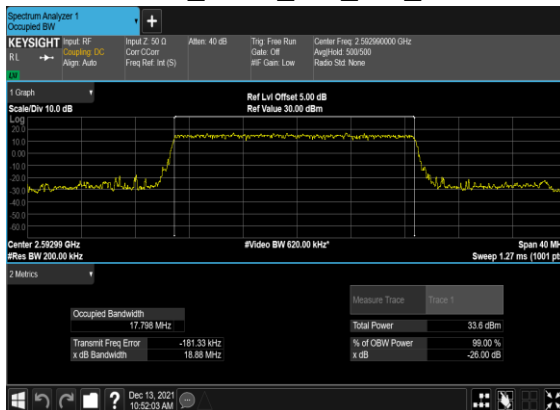
N41(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



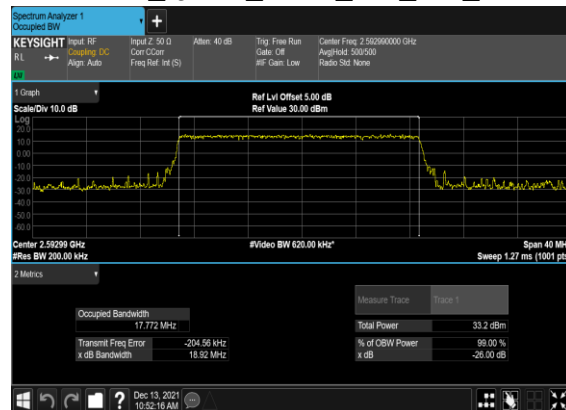
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QAM_Outer_Full_Mid_CH



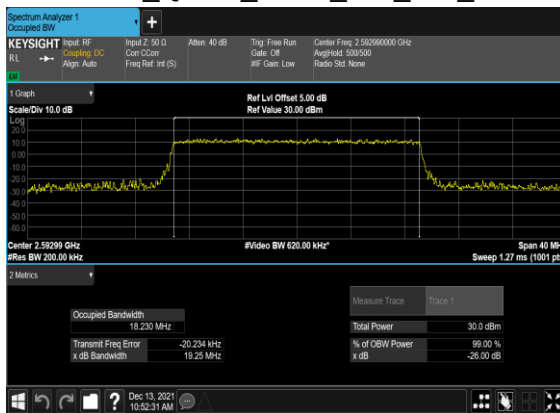
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BPSK_Outer_Full_Mid_CH



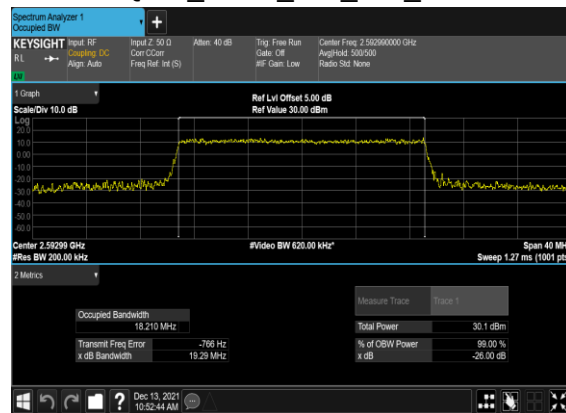
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OFDM_QPSK_Outer_Full_Mid_CH



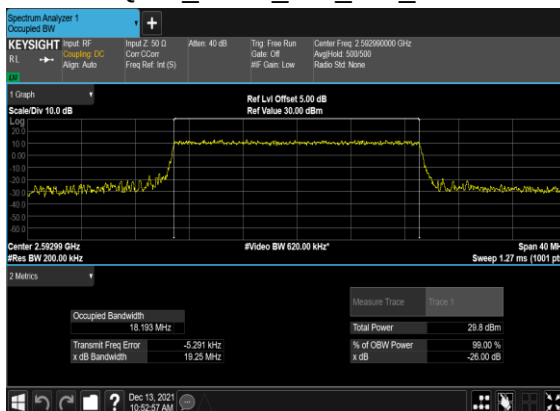
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OFDM_QPSK_Outer_Full_Mid_CH



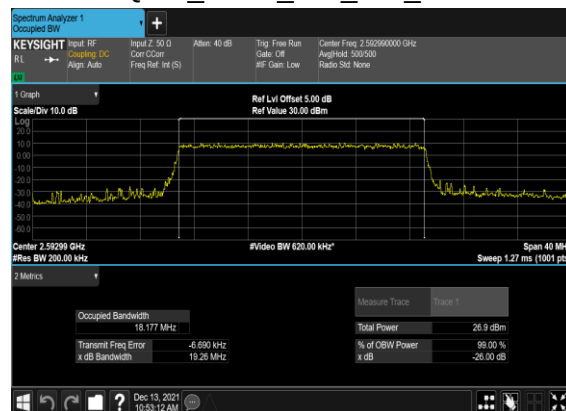
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QAM_Outer_Full_Mid_CH



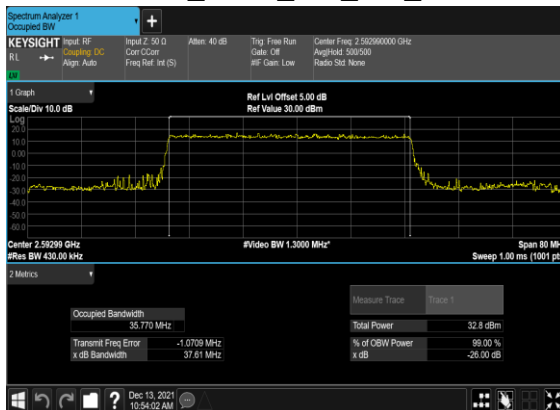
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QAM_Outer_Full_Mid_CH



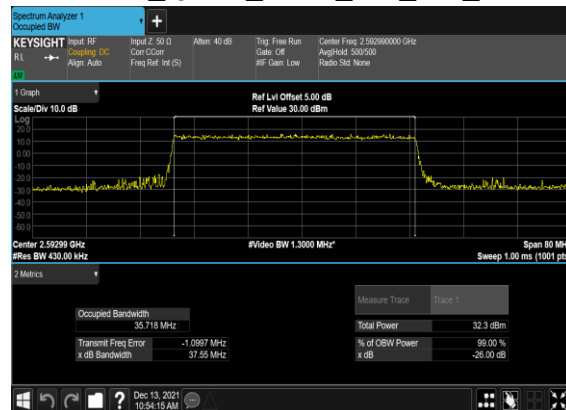
N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



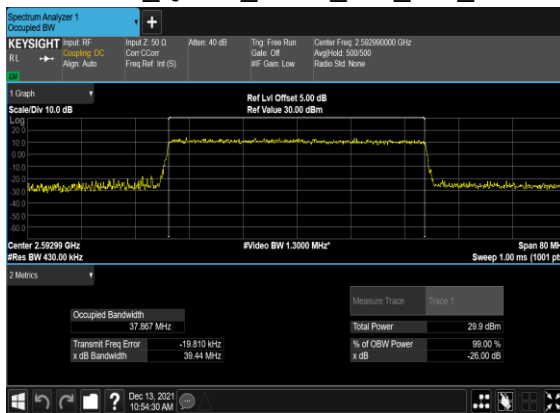
N41(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



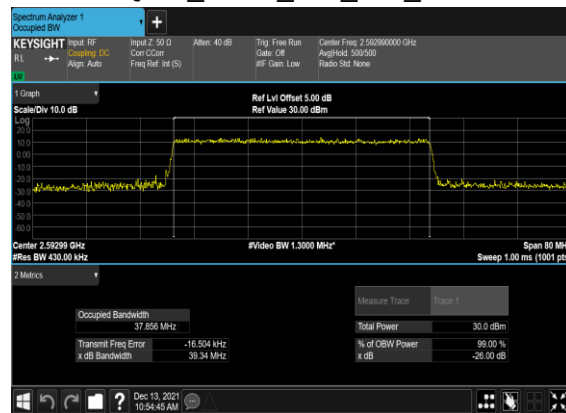
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OFDM_QPSK_Outer_Full_Mid_CH



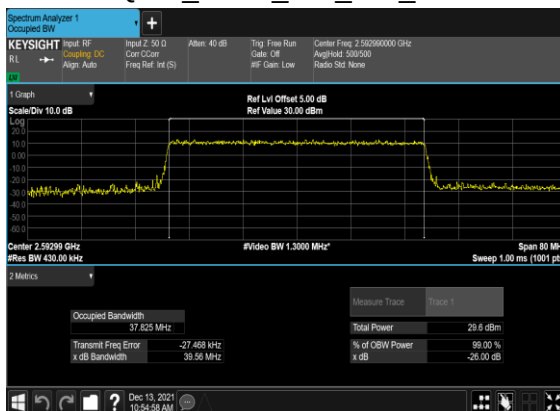
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OFDM_QPSK_Outer_Full_Mid_CH



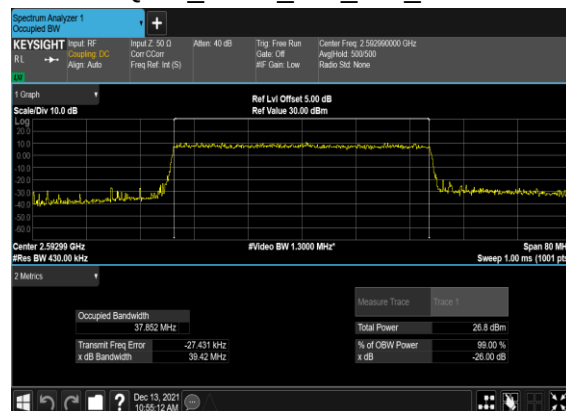
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QAM_Outer_Full_Mid_CH



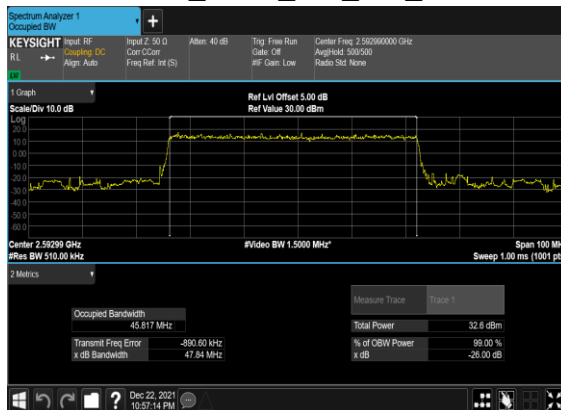
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QAM_Outer_Full_Mid_CH



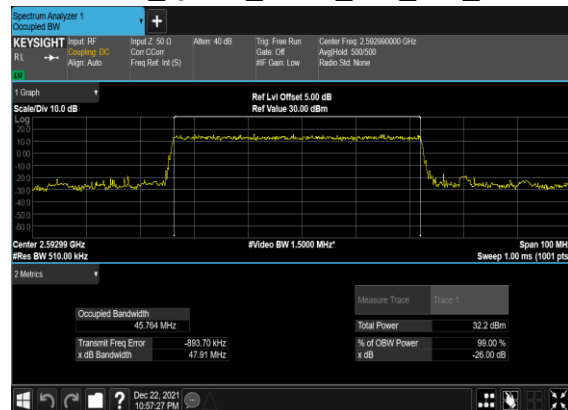
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QAM_Outer_Full_Mid_CH



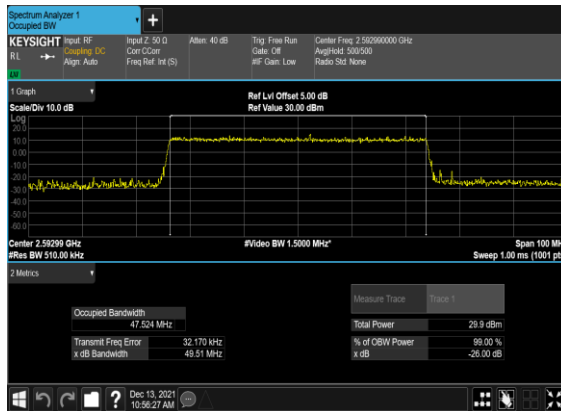
N41(50M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



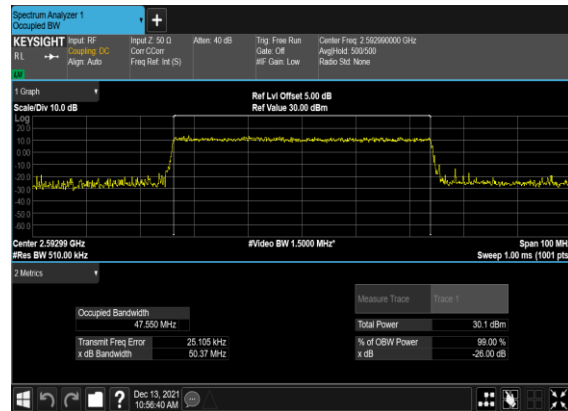
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OFDM_QPSK_Outer_Full_Mid_CH



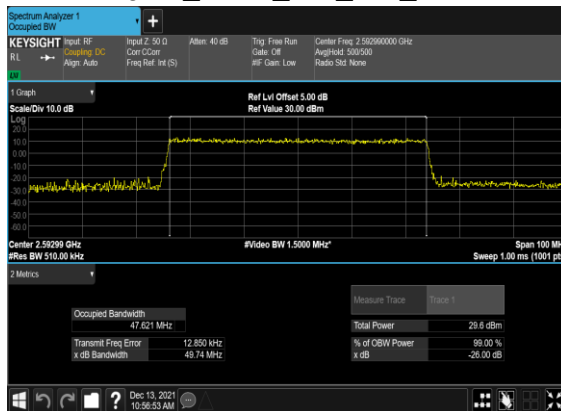
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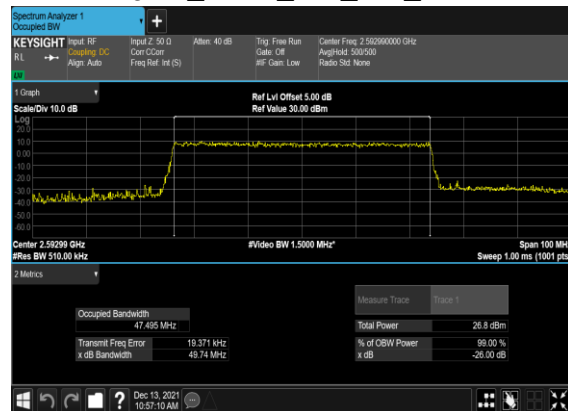
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QAM_Outer_Full_Mid_CH



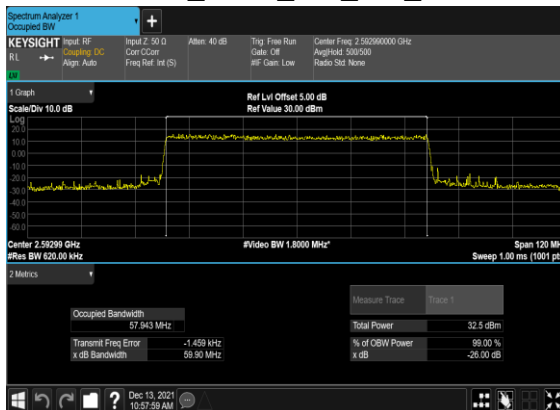
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QAM_Outer_Full_Mid_CH



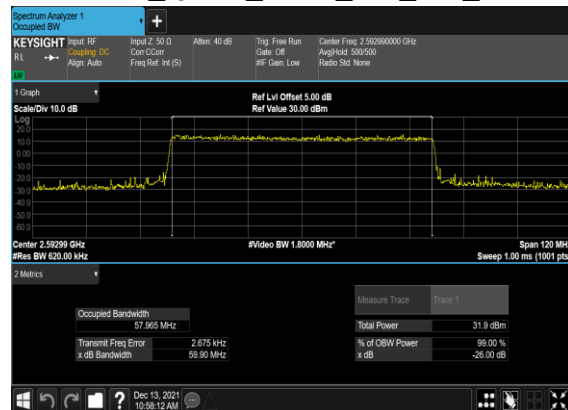
N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



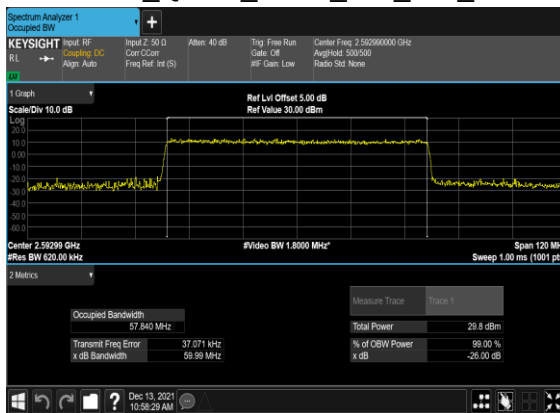
N41(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



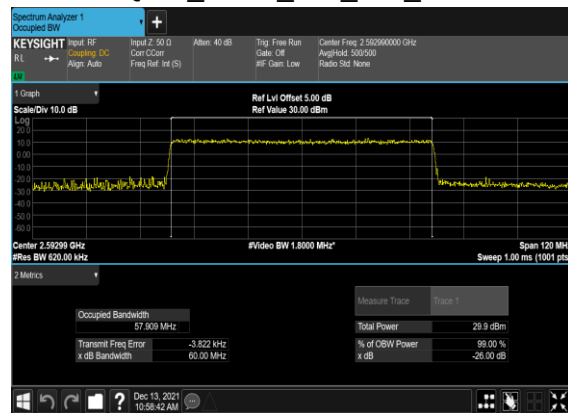
N41(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



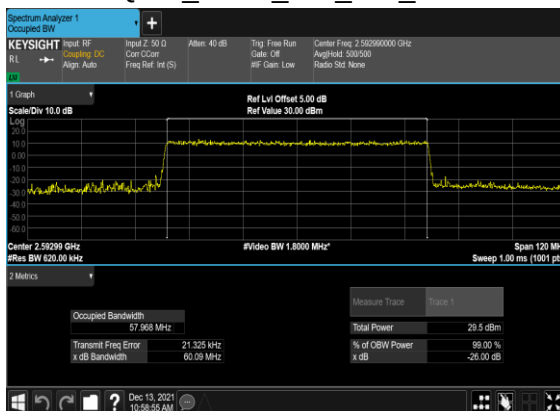
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OFDM_QPSK_Outer_Full_Mid_CH



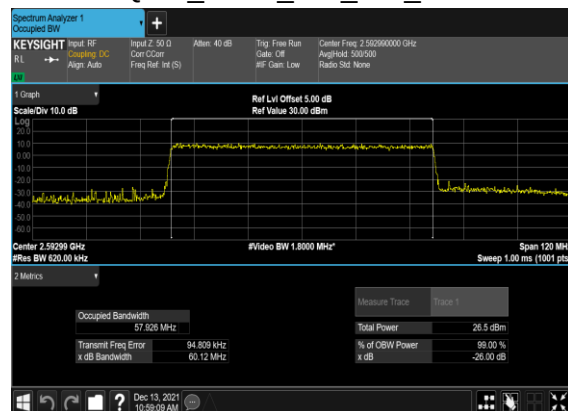
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QAM_Outer_Full_Mid_CH



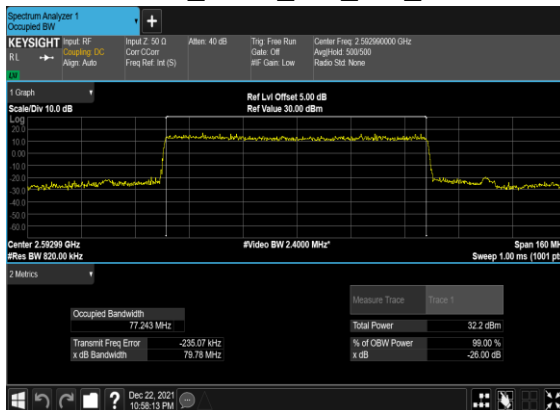
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QAM_Outer_Full_Mid_CH



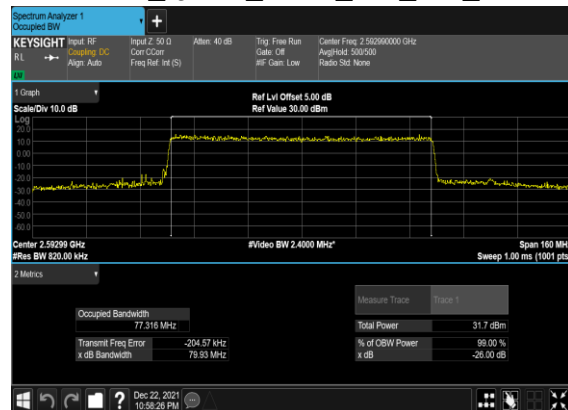
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QAM_Outer_Full_Mid_CH



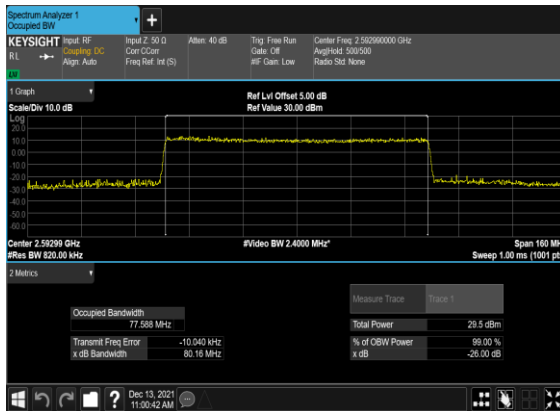
N41(80M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



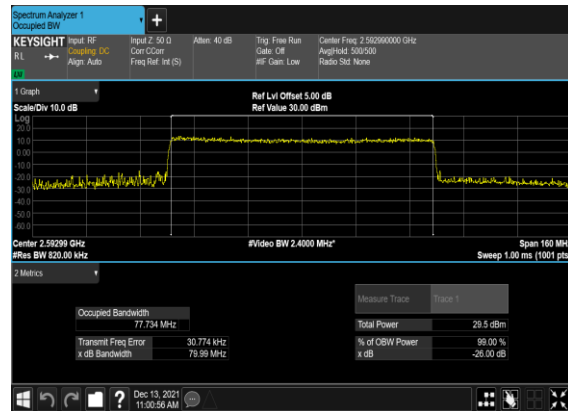
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OFDM_QPSK_Outer_Full_Mid_CH



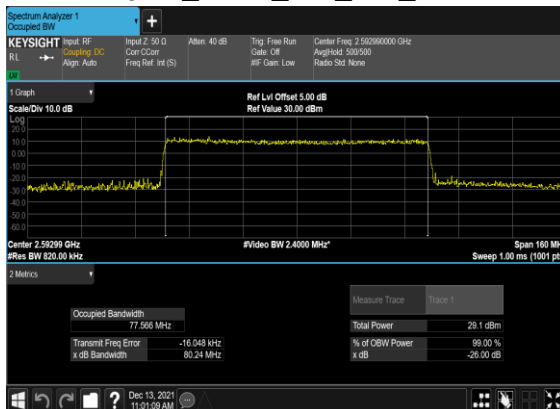
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OFDM_QPSK_Outer_Full_Mid_CH



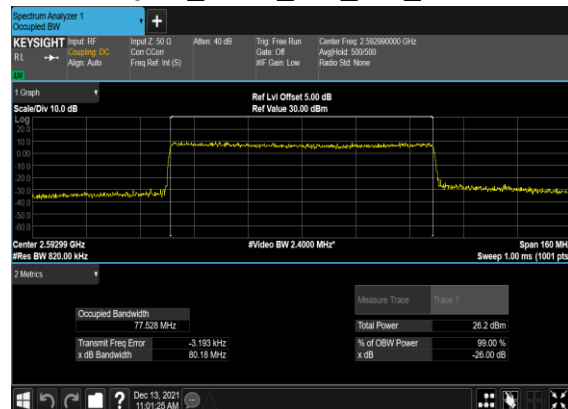
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QAM_Outer_Full_Mid_CH



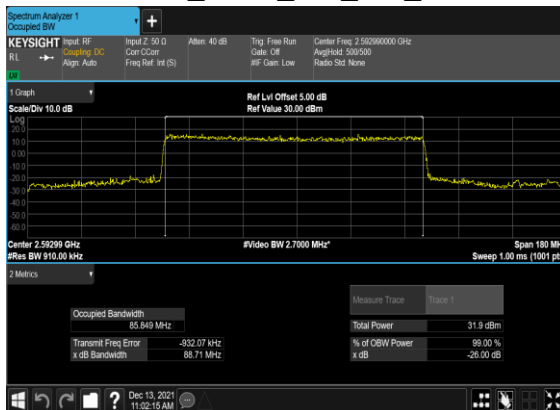
N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



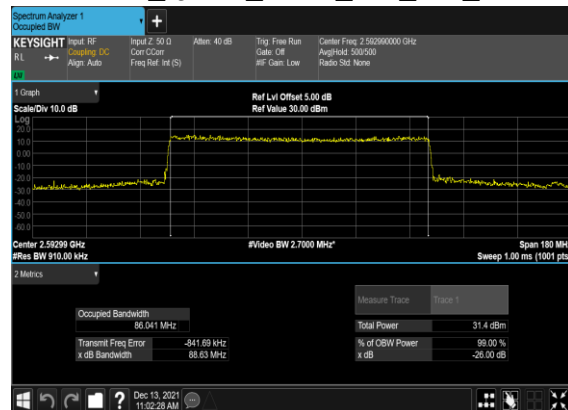
N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



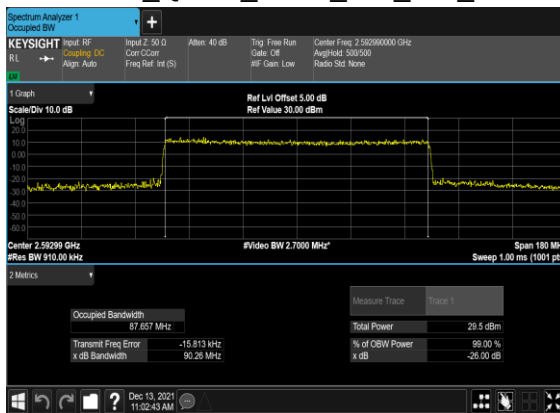
N41(90M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



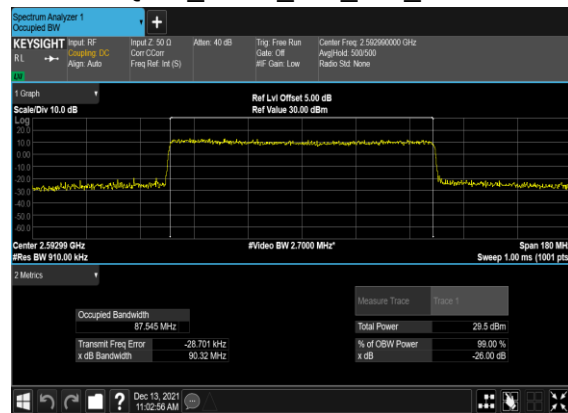
N41(90M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



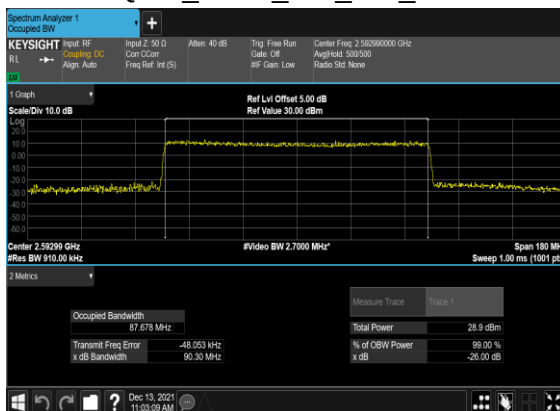
N41(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



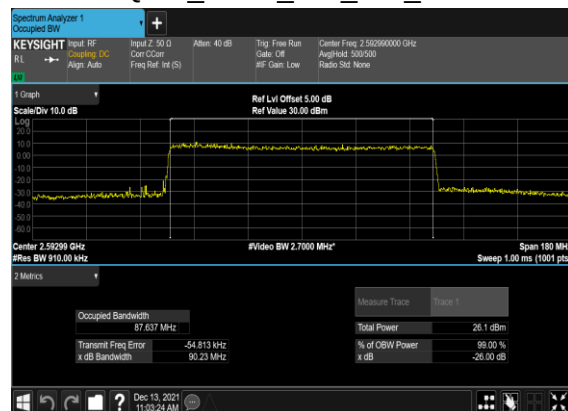
N41(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



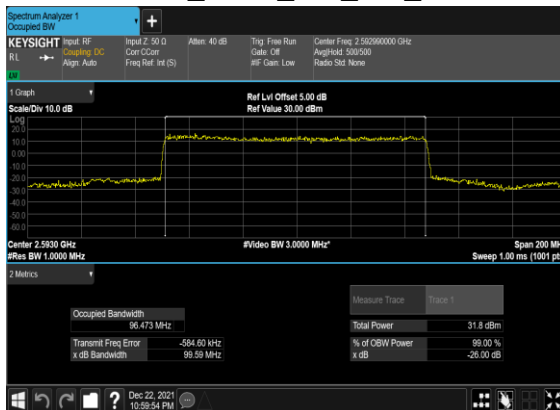
N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



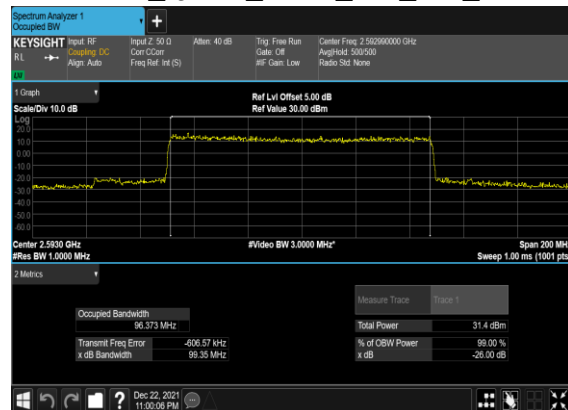
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QAM_Outer_Full_Mid_CH



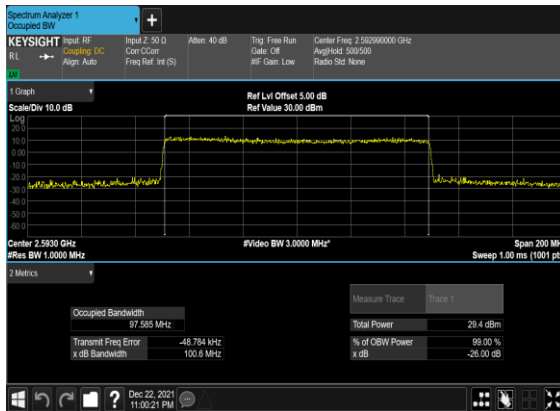
N41(100M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



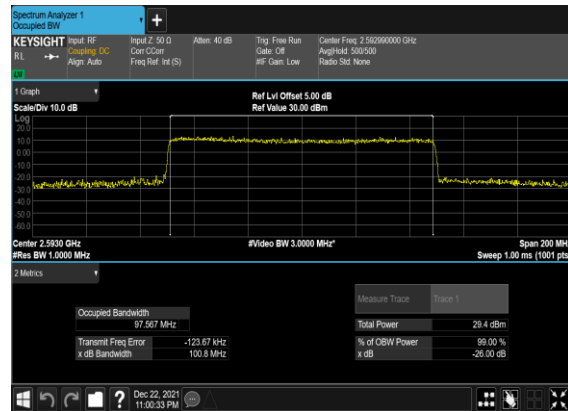
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OFDM_QPSK_Outer_Full_Mid_CH



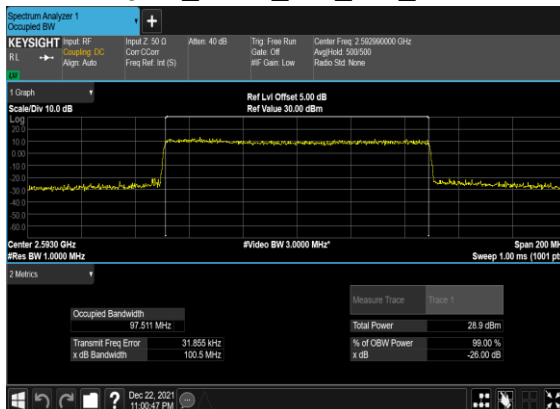
N41(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



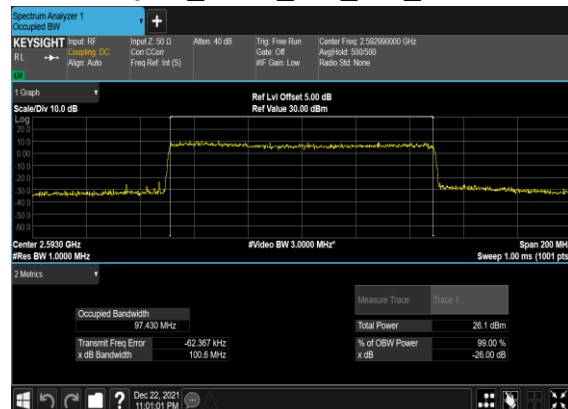
N41(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



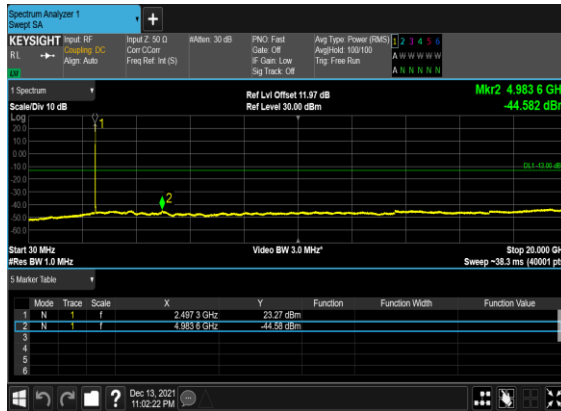
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	---

41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	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

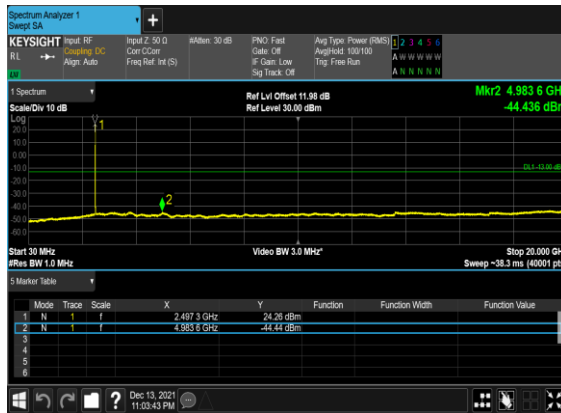
N41(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



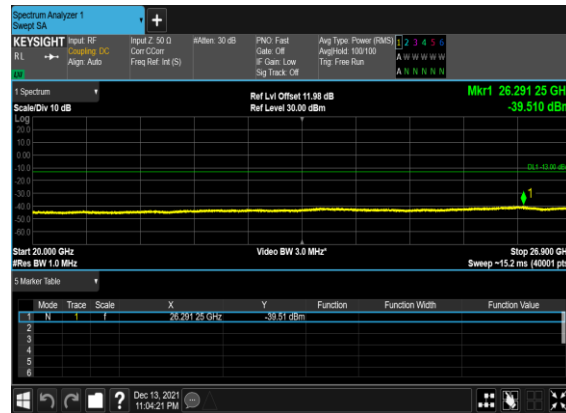
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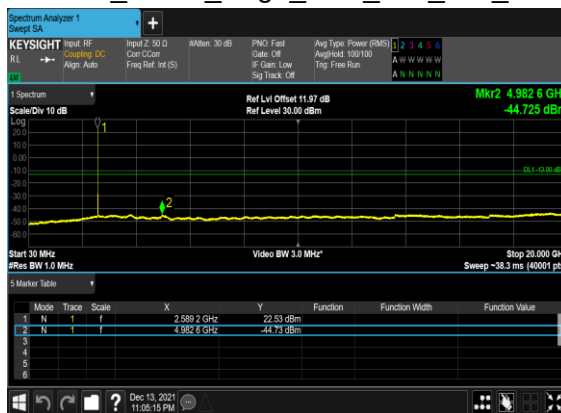
N41(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



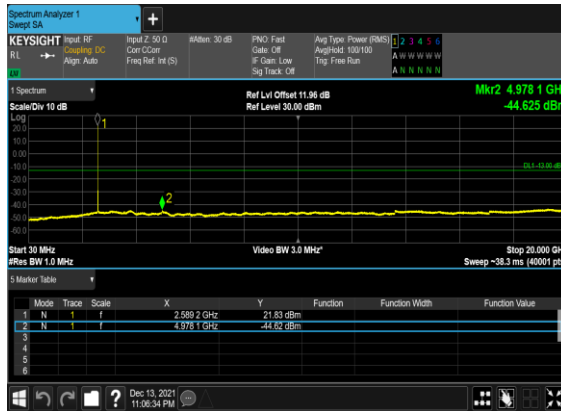
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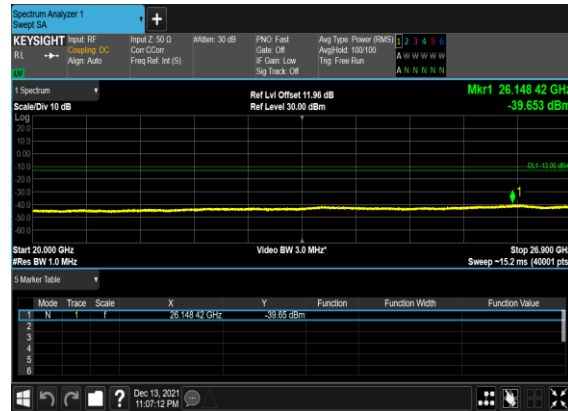
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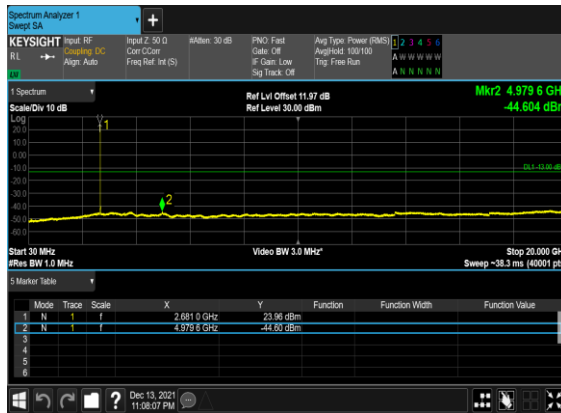
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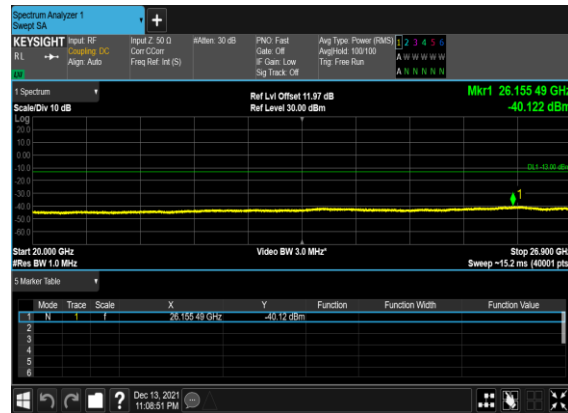
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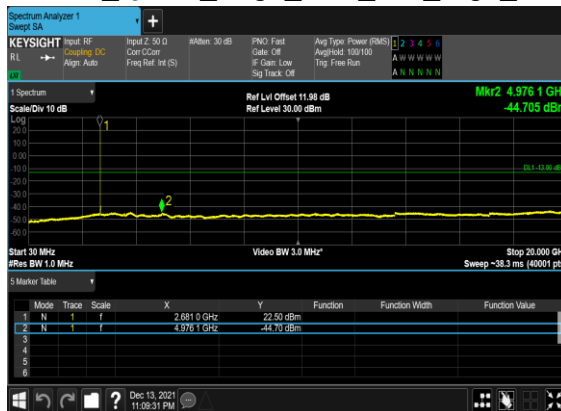
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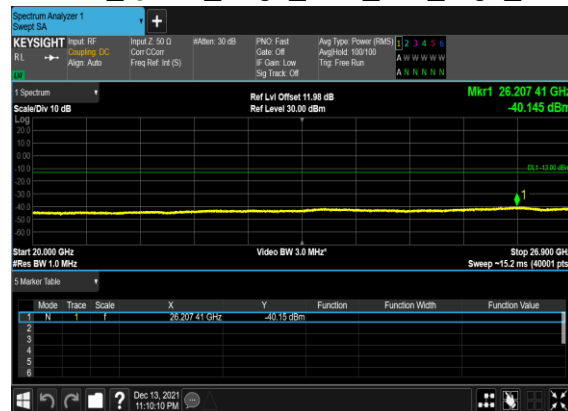
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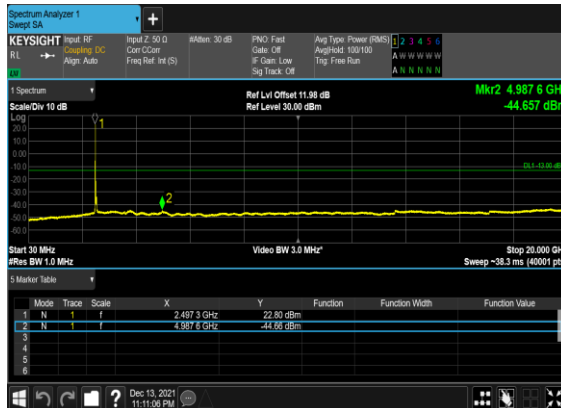
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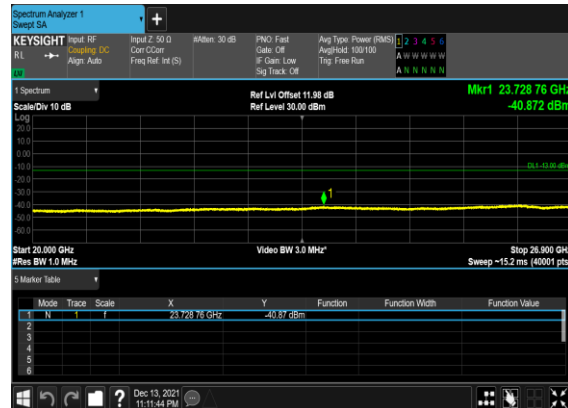
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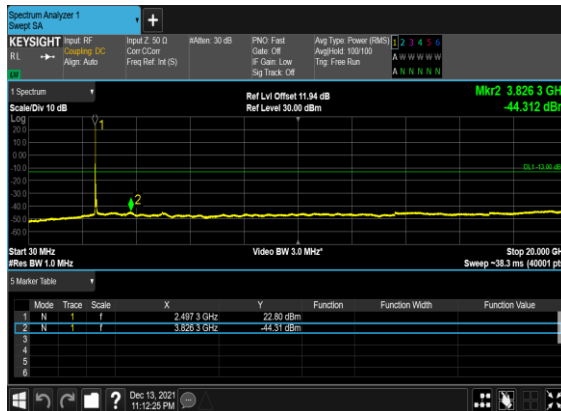
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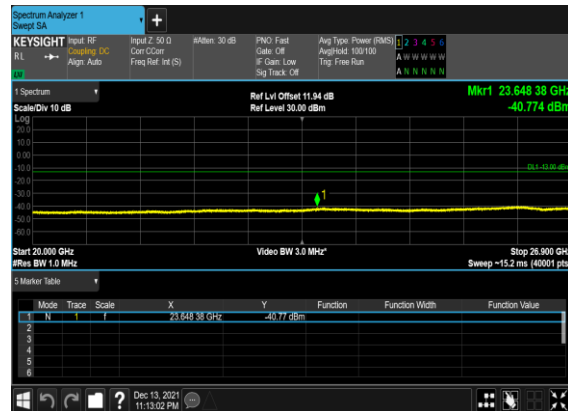
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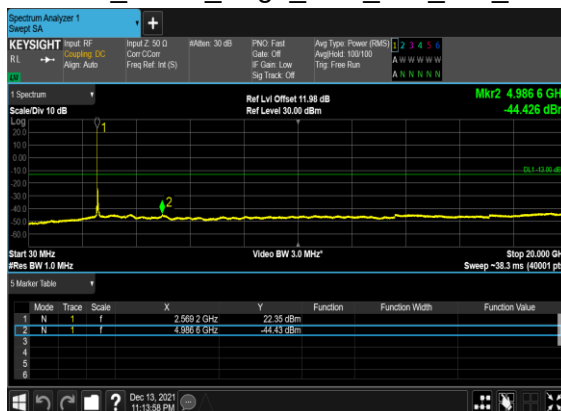
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N41(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



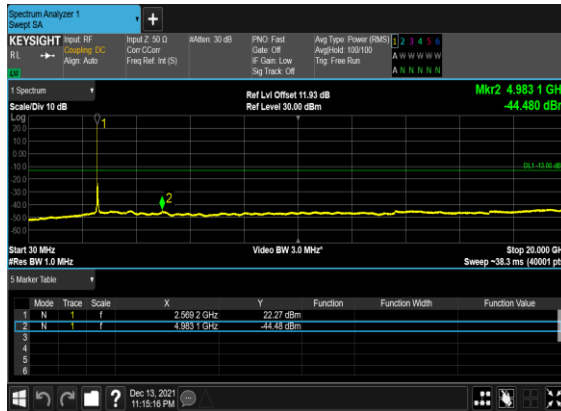
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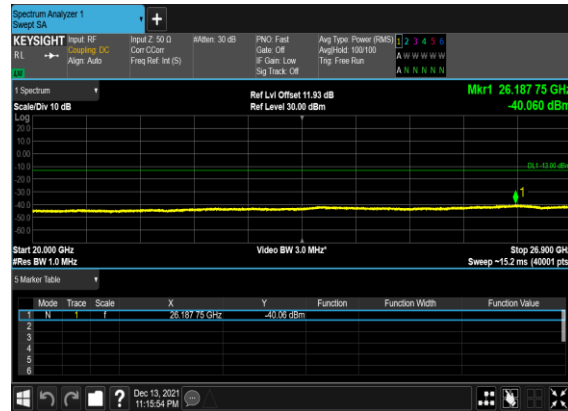
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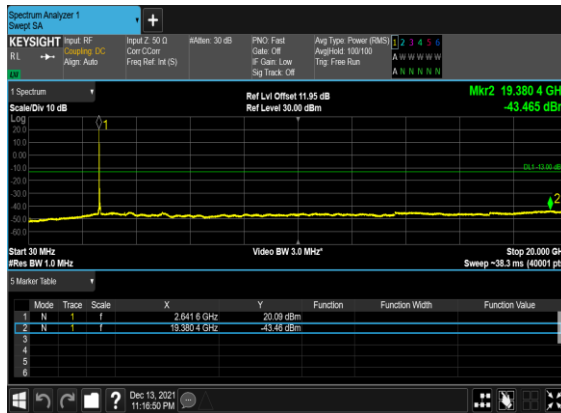
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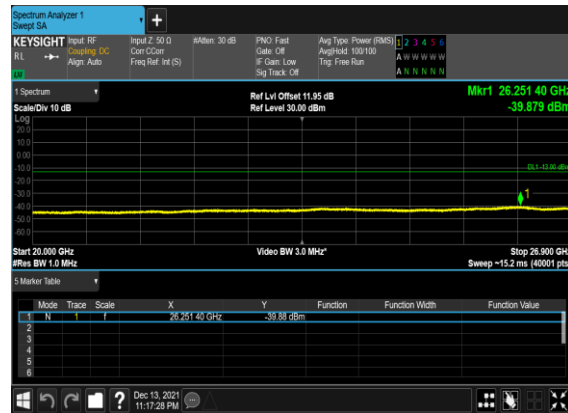
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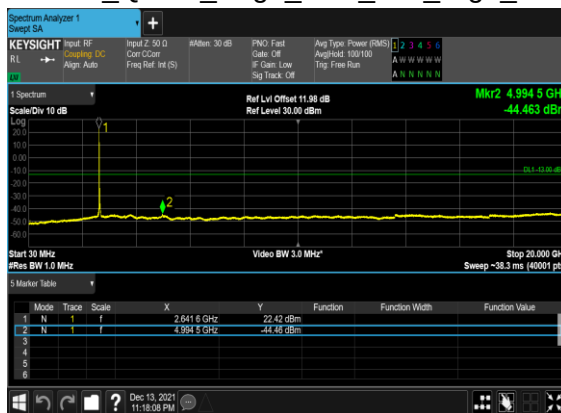
N41(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



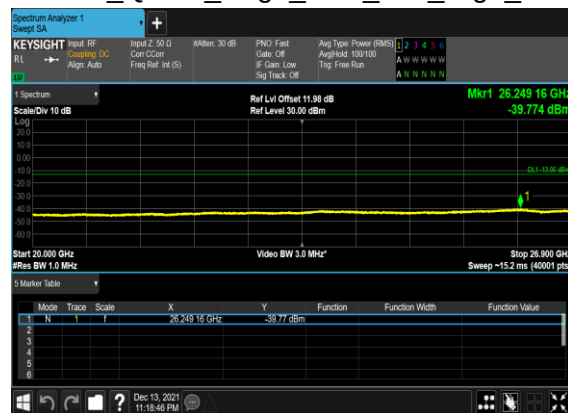
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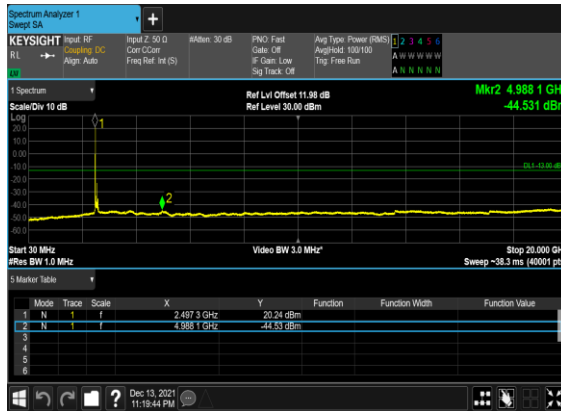
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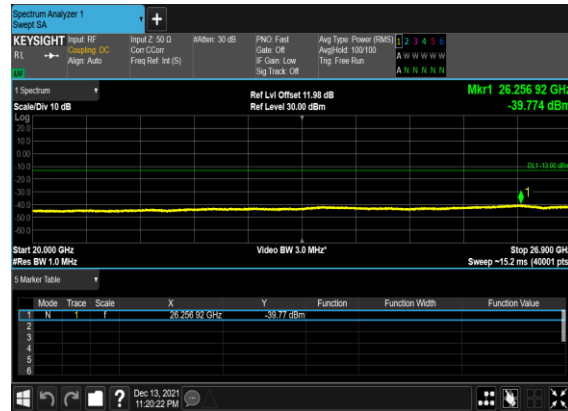
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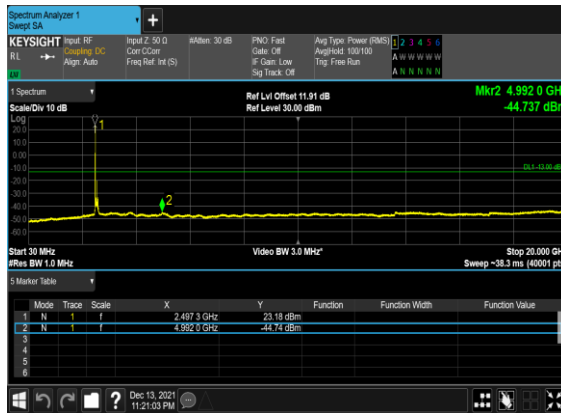
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



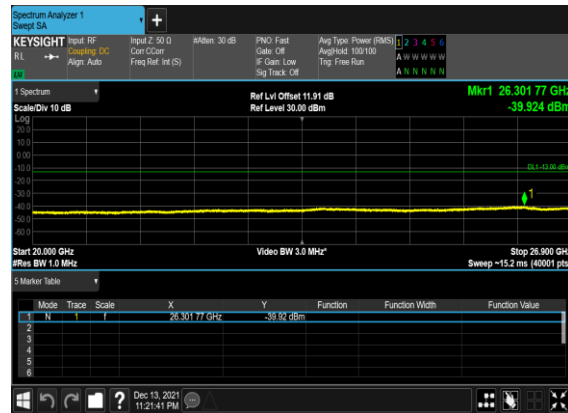
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



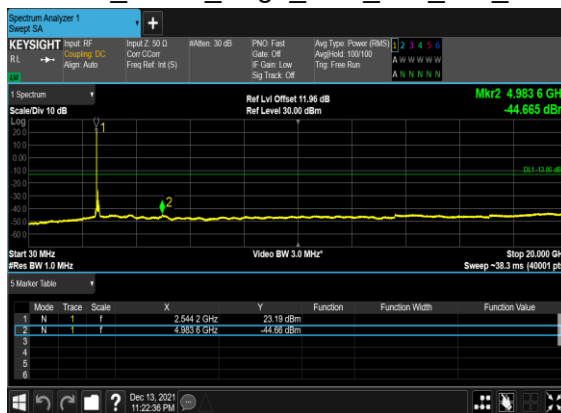
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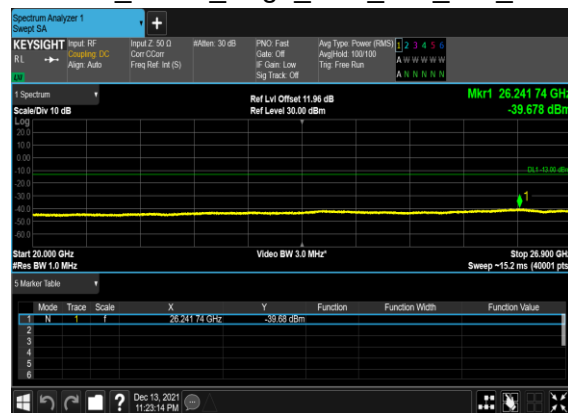
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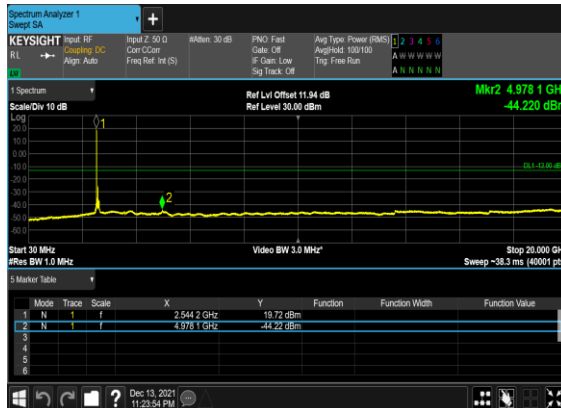
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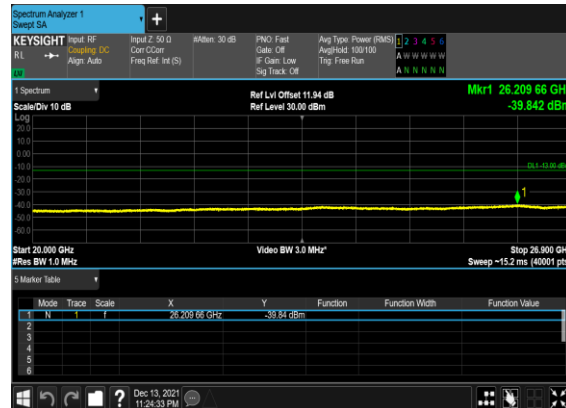
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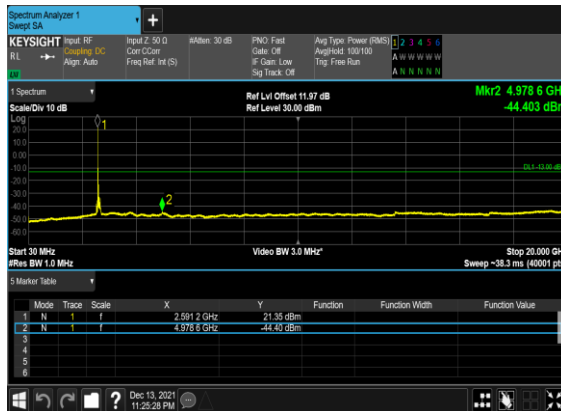
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



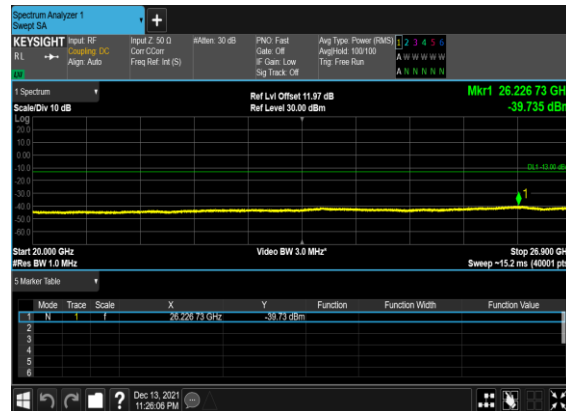
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



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

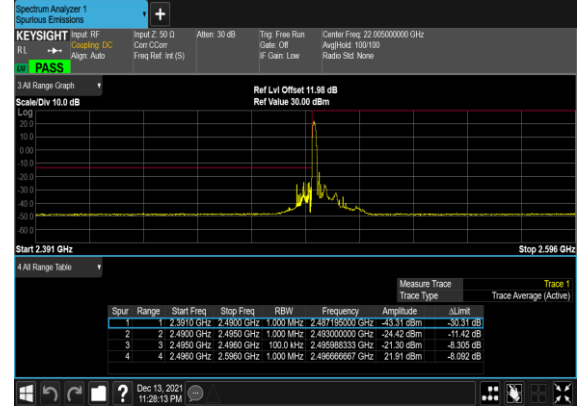
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@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	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	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

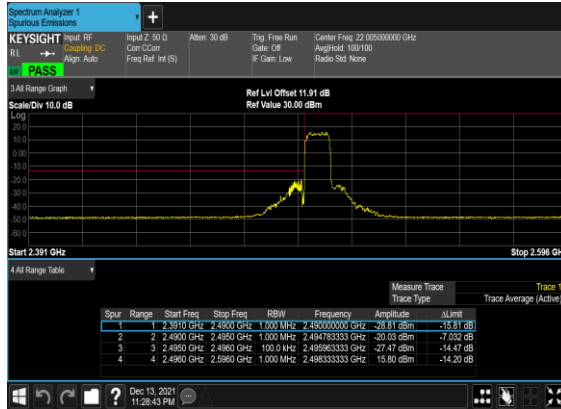
N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



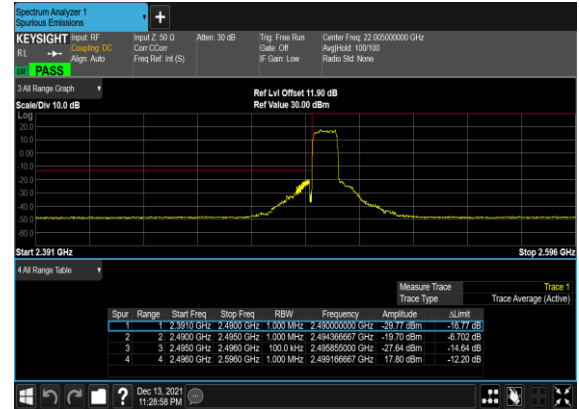
N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



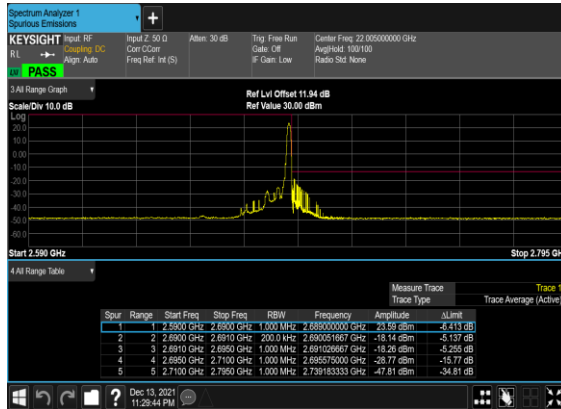
N41(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N41(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N41(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N41(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

