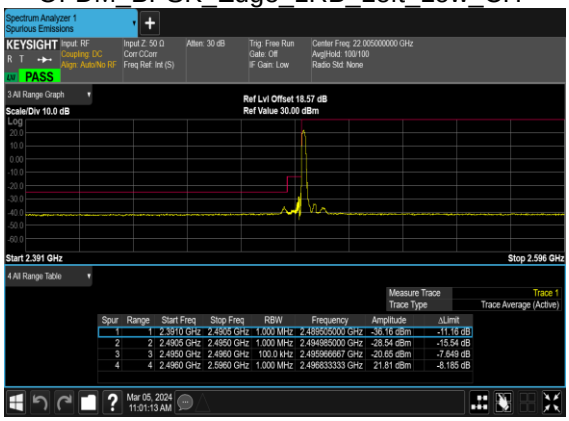
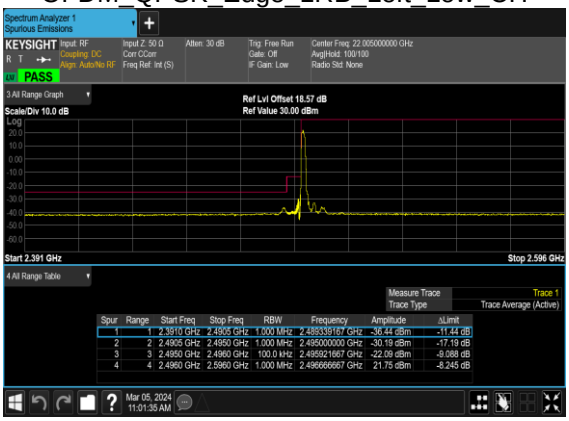
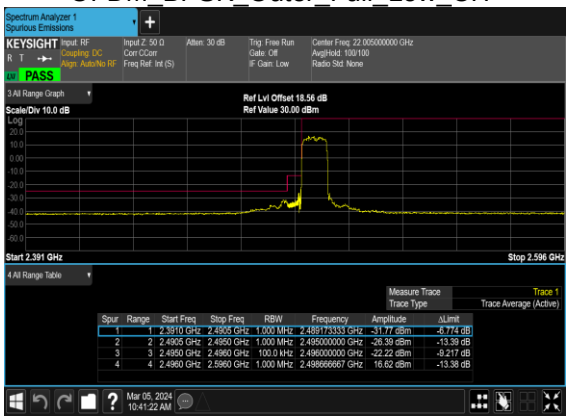
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



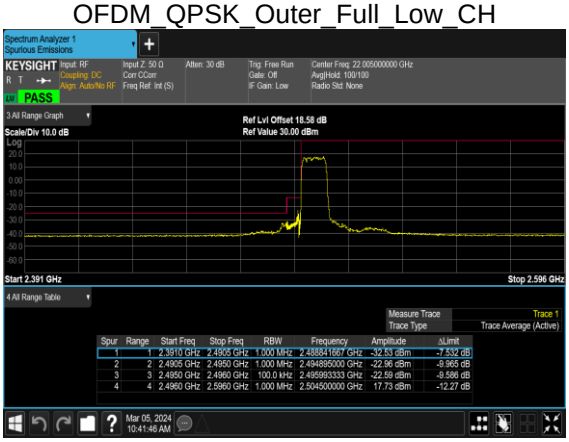
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



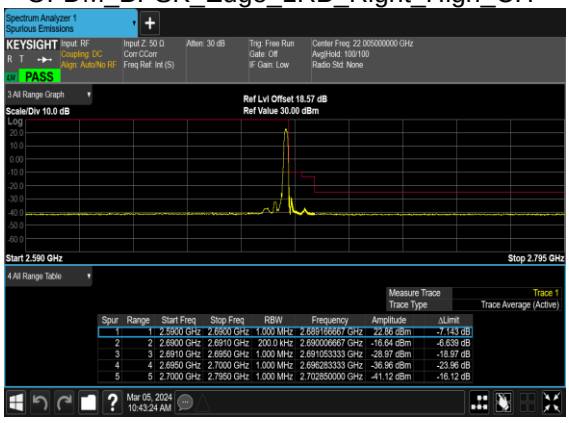
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



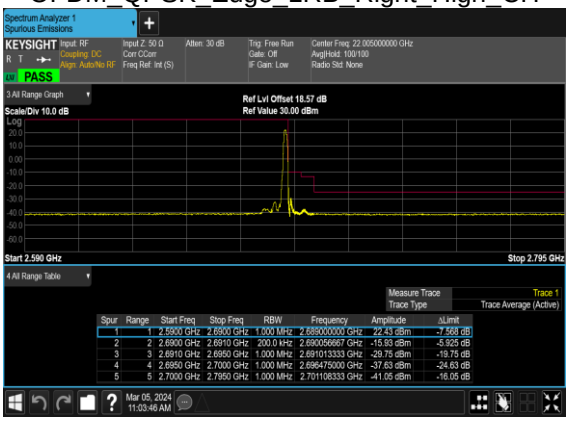
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



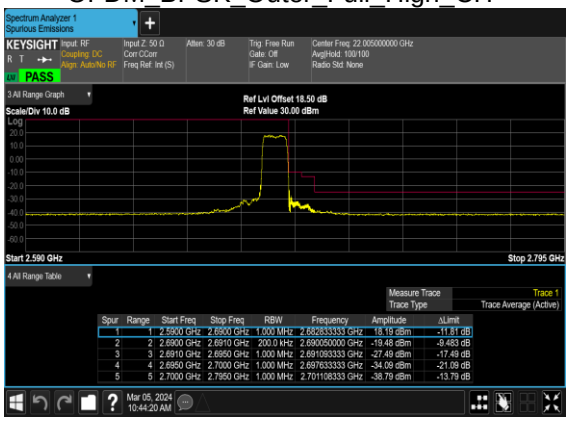
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



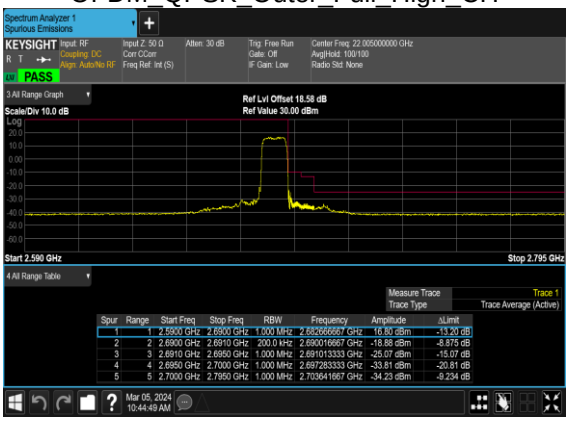
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



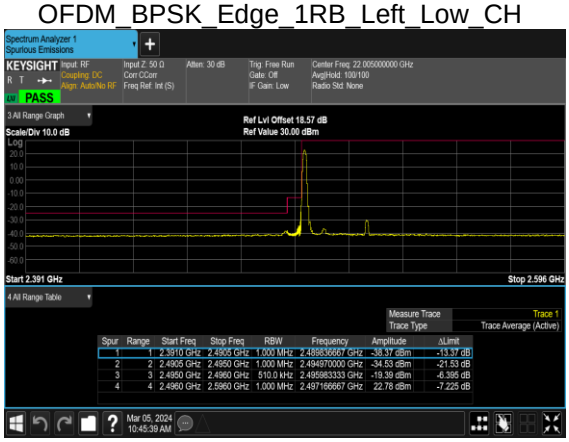
N41(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



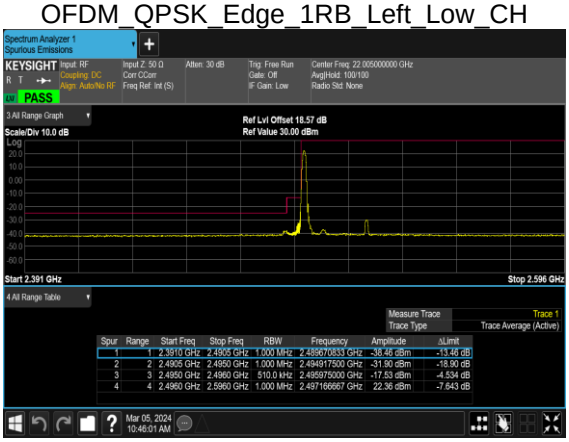
N41(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



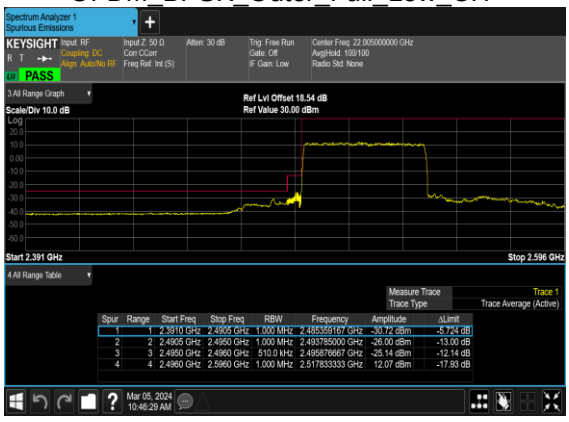
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



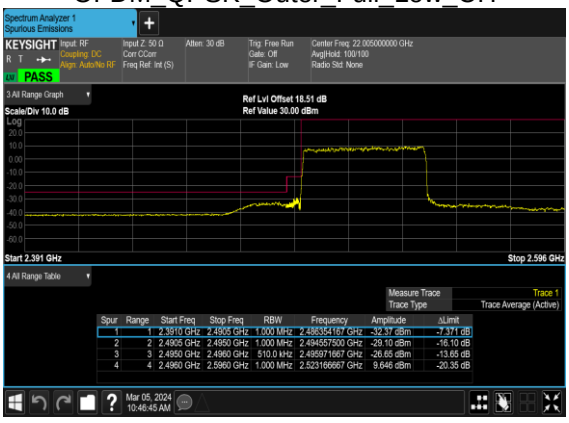
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



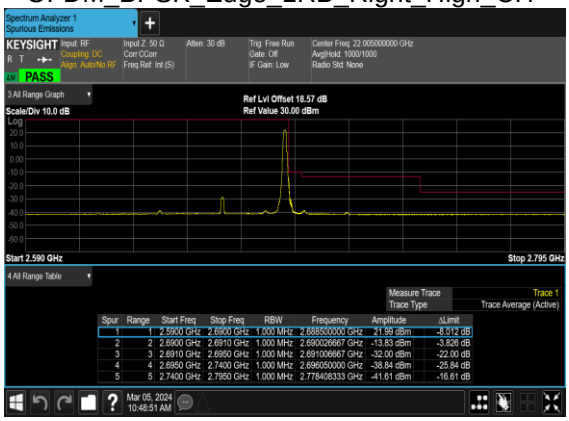
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



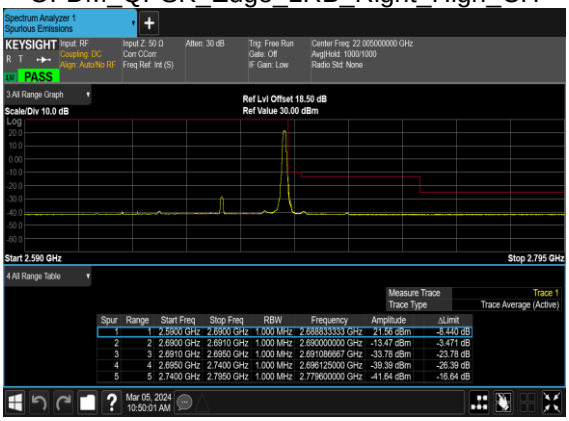
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



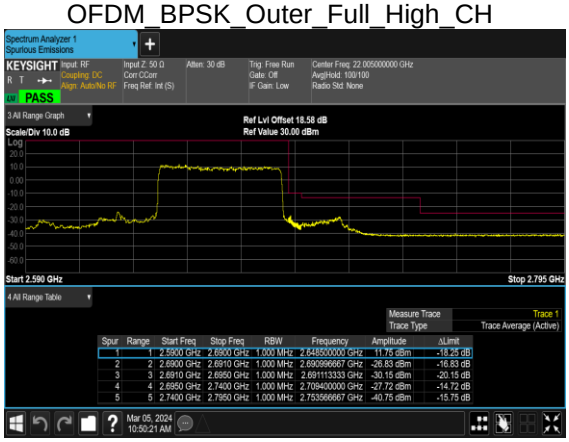
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



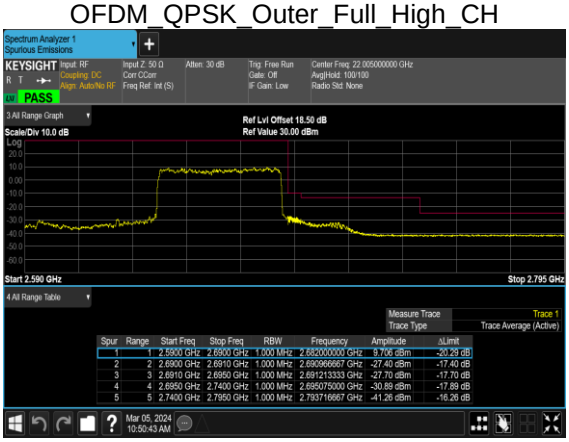
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



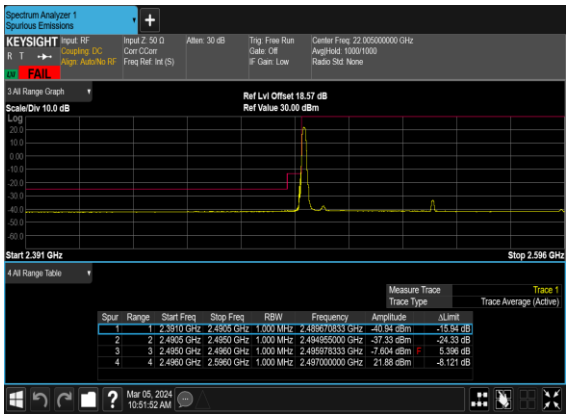
N41(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



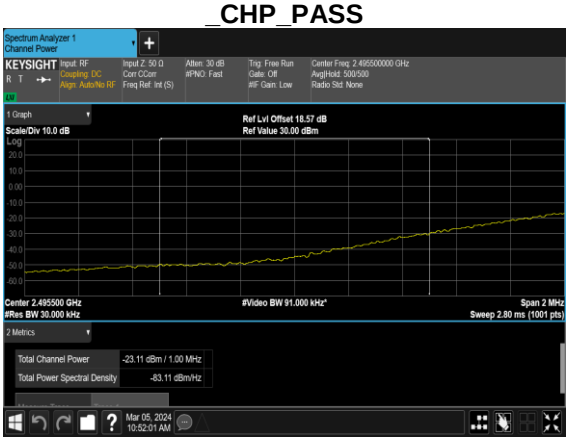
N41(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



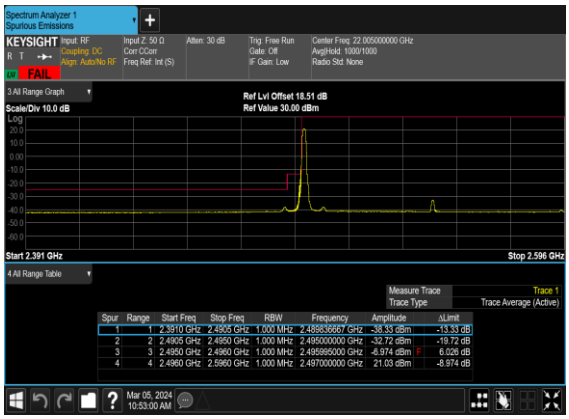
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



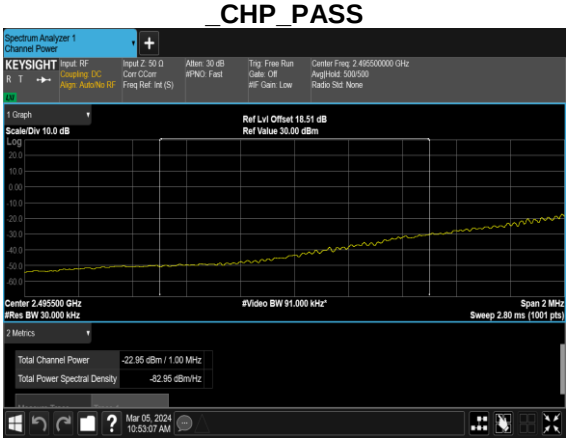
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



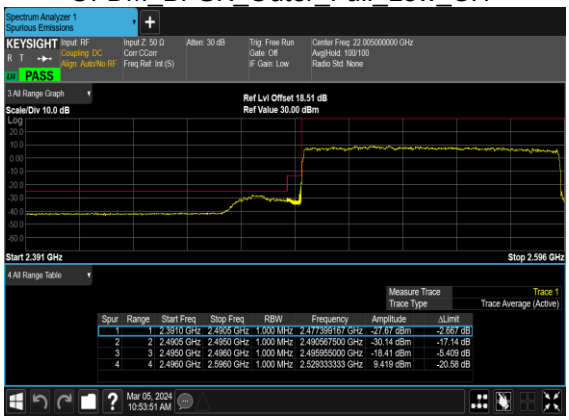
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



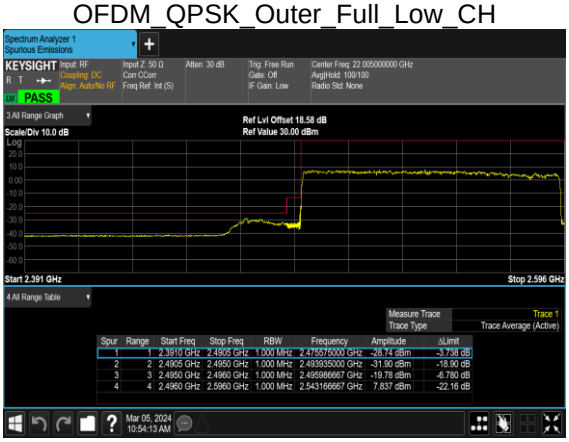
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH **_CHP_PASS**



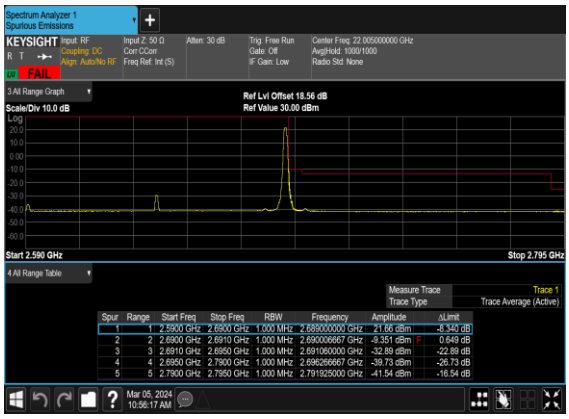
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



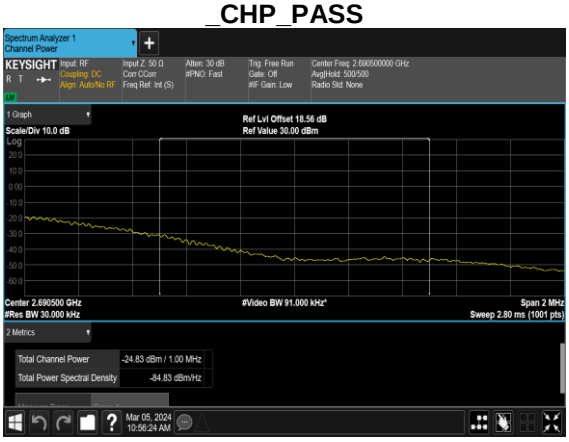
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

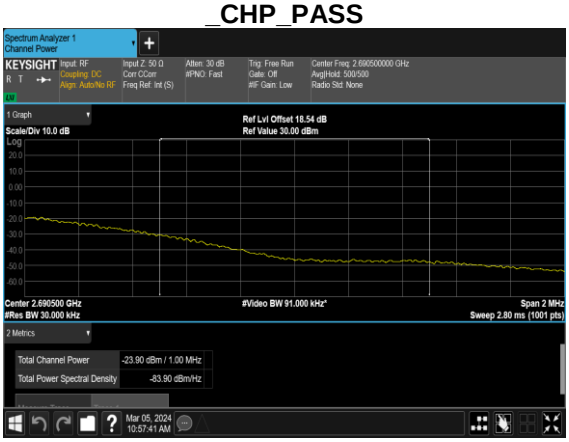


N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH **_CHP_PASS**

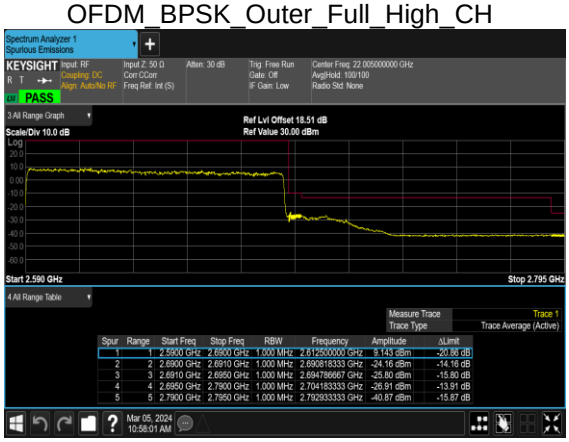


N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

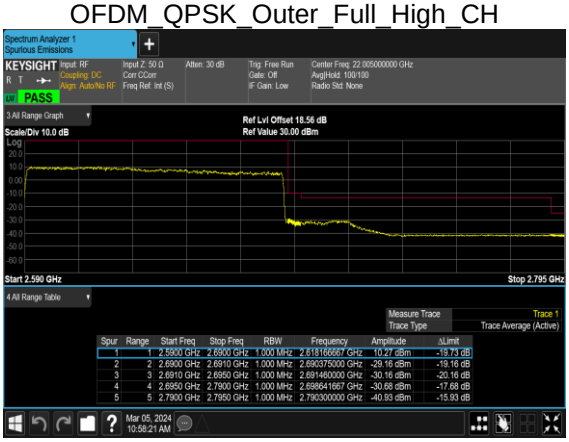
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH **_CHP_PASS**



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note: “CHP” means channel power integration method.

Software Version: 23.06.1602

FR1 N66(ANT2)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=-2.3dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.23	20.93	0.1239
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.8	19.5	0.0891
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.46	21.16	0.1306
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.93	19.63	0.0918
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.17	20.87	0.1222
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.85	19.55	0.0902
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.37	21.07	0.1279
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.82	19.52	0.0895
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.43	21.13	0.1297
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.07	19.77	0.0948
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.31	21.01	0.1262
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.06	19.76	0.0946
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.39	21.09	0.1285
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22	19.7	0.0933
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.63	21.33	0.1358
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.9	19.6	0.0912
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.43	21.13	0.1297
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.05	19.75	0.0944
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.38	21.08	0.1282
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.86	19.56	0.0904
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.37	21.07	0.1279
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22	19.7	0.0933
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.32	21.02	0.1265
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	21.83	19.53	0.0897
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.51	21.21	0.1321
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	22.01	19.71	0.0935
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.5	21.2	0.1318
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.26	19.96	0.0991
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.38	21.08	0.1282

66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.98	19.68	0.0929
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.27	20.97	0.1250
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.08	19.78	0.0951
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.41	21.11	0.1291
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.14	19.84	0.0964
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.4	21.1	0.1288
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.09	19.79	0.0953
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	23.32	21.02	0.1265
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	22.06	19.76	0.0946
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	23.63	21.33	0.1358
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.33	20.03	0.1007
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.31	21.01	0.1262
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	22.09	19.79	0.0953
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.6	21.3	0.1349
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.29	20.99	0.1256
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.42	21.12	0.1294
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.42	21.12	0.1294
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.35	21.05	0.1274
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.58	21.28	0.1343
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	21.88	19.58	0.0908
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.03	19.73	0.0940
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.05	19.75	0.0944
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	20.38	18.08	0.0643
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	20.52	18.22	0.0664
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	20.51	18.21	0.0662
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	17.92	15.62	0.0365
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	17.58	15.28	0.0337
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	17.71	15.41	0.0348
66	15	40	346000	1730	CP-OFDM QPSK	108@54	21.4	19.1	0.0813
66	15	40	346000	1730	CP-OFDM QPSK	1@1	21.59	19.29	0.0849
66	15	40	346000	1730	CP-OFDM QPSK	1@214	21.73	19.43	0.0877
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.72	21.42	0.1387
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.39	21.09	0.1285
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.27	20.97	0.1250
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.45	21.15	0.1303

66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.16	20.86	0.1219
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.13	20.83	0.1211
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	21.89	19.59	0.0910
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.97	19.67	0.0927
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	21.91	19.61	0.0914
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	20.43	18.13	0.0650
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.45	18.15	0.0653
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	20.42	18.12	0.0649
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	16.36	14.06	0.0255
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	15.62	13.32	0.0215
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	15.82	13.52	0.0225
66	15	40	349000	1745	CP-OFDM QPSK	108@54	18.82	16.52	0.0449
66	15	40	349000	1745	CP-OFDM QPSK	1@1	17.93	15.63	0.0366
66	15	40	349000	1745	CP-OFDM QPSK	1@214	18.35	16.05	0.0403
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.47	21.17	0.1309
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.25	20.95	0.1245
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.26	20.96	0.1247
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.3	21	0.1259
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.28	20.98	0.1253
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.51	21.21	0.1321
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	21.79	19.49	0.0889
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.02	19.72	0.0938
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.07	19.77	0.0948
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	20.37	18.07	0.0641
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	20.54	18.24	0.0667
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	20.4	18.1	0.0646
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	17.8	15.5	0.0355
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	17.6	15.3	0.0339
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	17.74	15.44	0.0350
66	15	40	352000	1760	CP-OFDM QPSK	108@54	21.26	18.96	0.0787
66	15	40	352000	1760	CP-OFDM QPSK	1@1	21.37	19.07	0.0807
66	15	40	352000	1760	CP-OFDM QPSK	1@214	21.62	19.32	0.0855

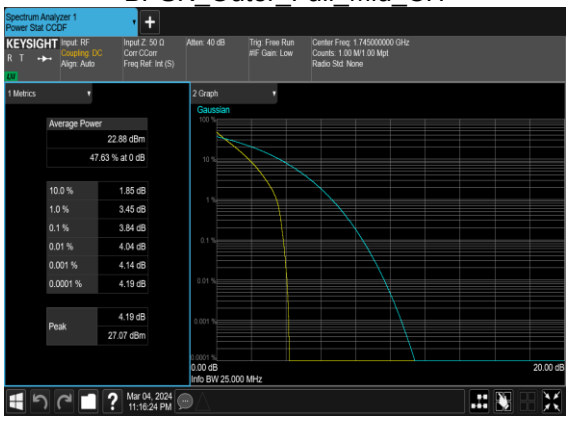
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0029	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0067	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0062	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0063	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0029	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	**PASS**	50℃

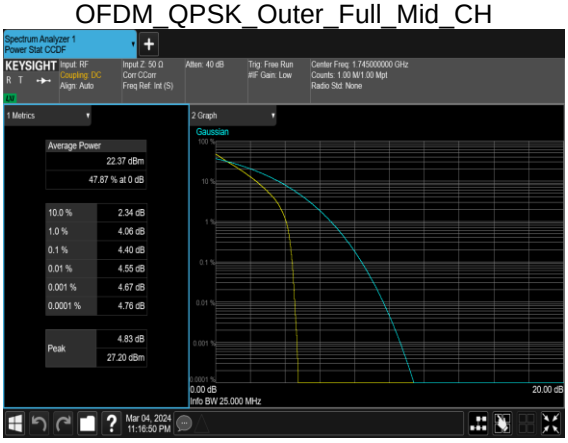
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.84	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.4	13	**PASS**

N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

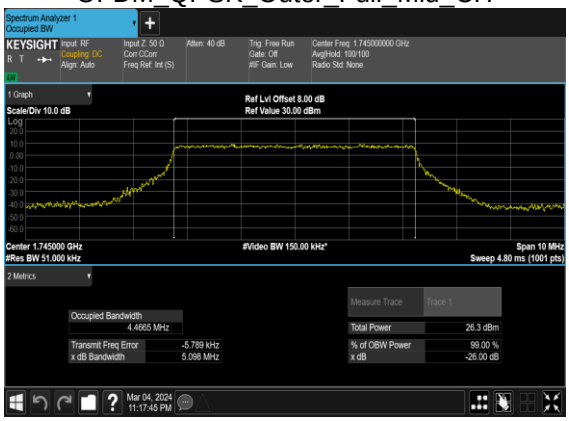


Occupied Bandwidth

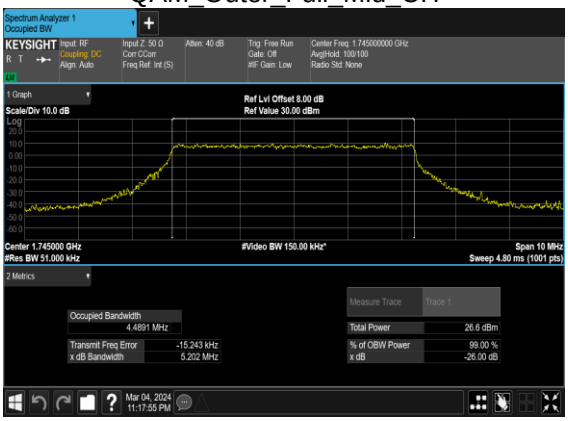
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4665	5.098
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4891	5.202
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4651	5.012
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4705	5.004
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2682	10.04
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2919	9.915
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2872	9.88
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2771	9.885
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.106	14.95
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.101	14.98
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.111	14.8
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.08	14.99
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.902	19.78
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.918	19.81
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.905	19.82
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.912	19.89
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.698	24.85
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.72	24.93
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.733	24.8
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.764	24.95
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.557	29.62
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.544	29.64
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.58	29.54
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.506	29.64
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.523	34.93

66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.508	34.81
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.534	34.8
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.557	34.76
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.558	39.87
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.601	40.05
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.54	39.96
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.532	39.81

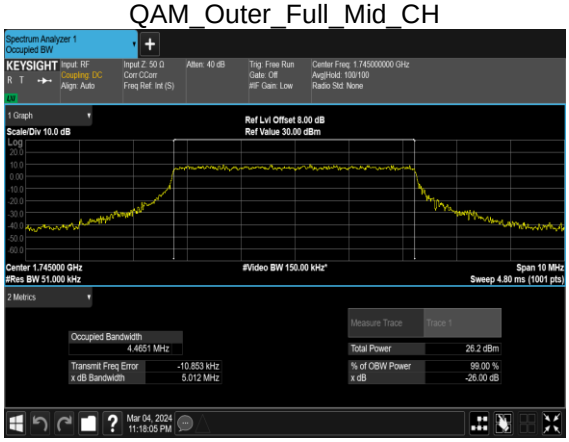
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



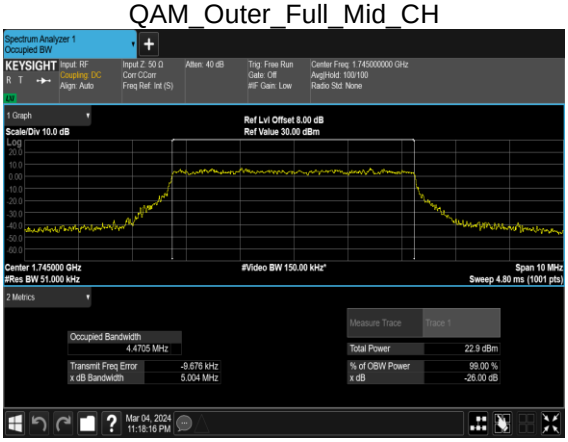
N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



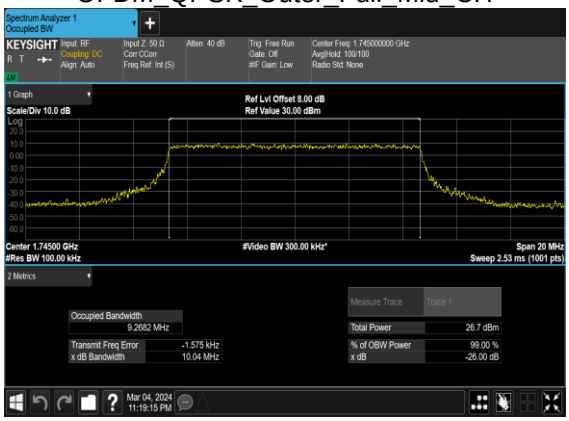
N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



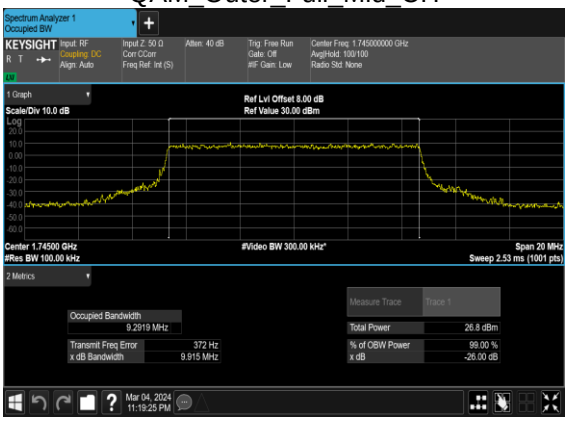
N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



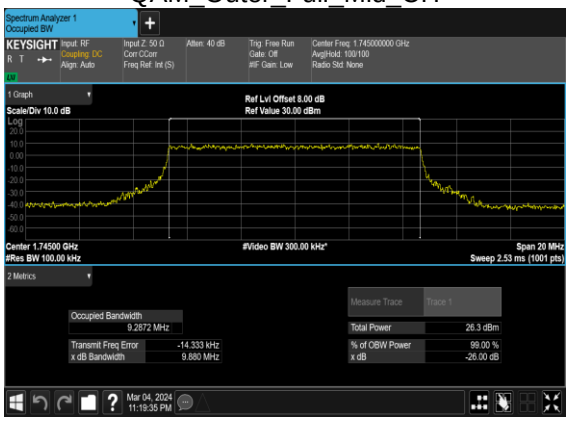
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



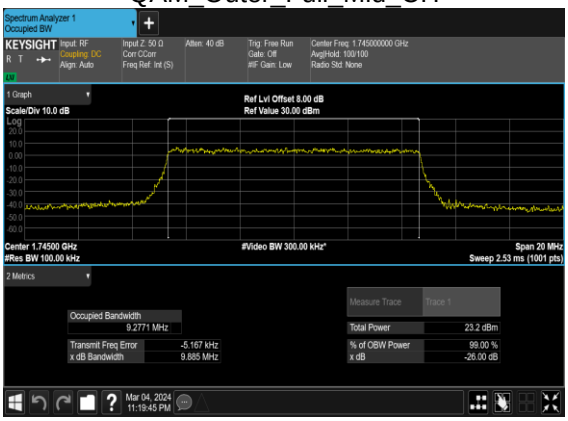
N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



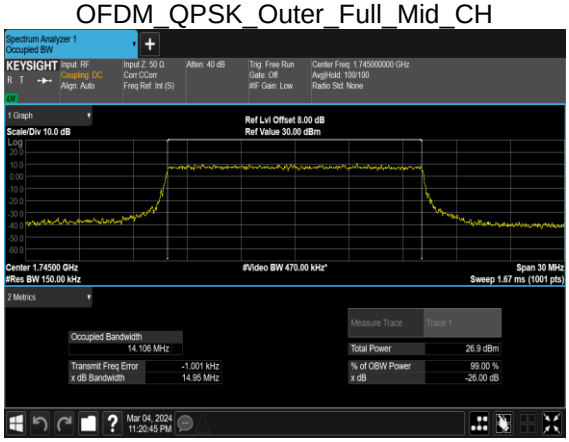
N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



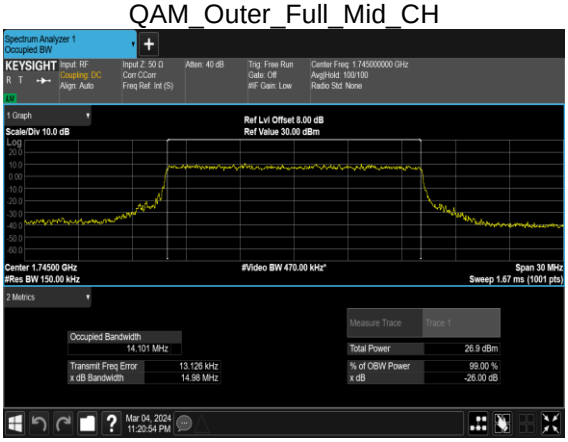
N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



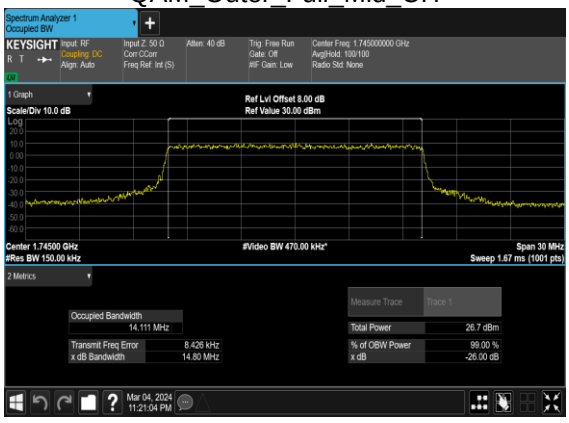
N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

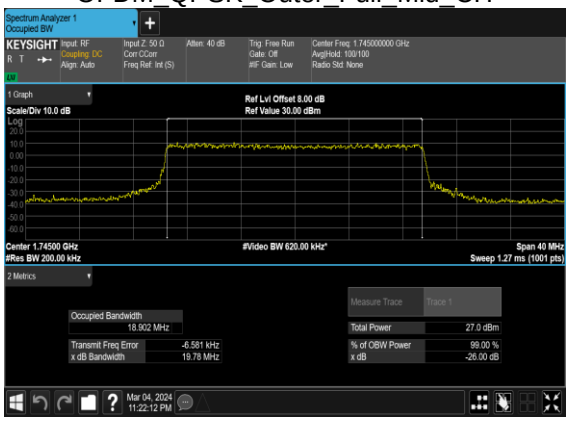


N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

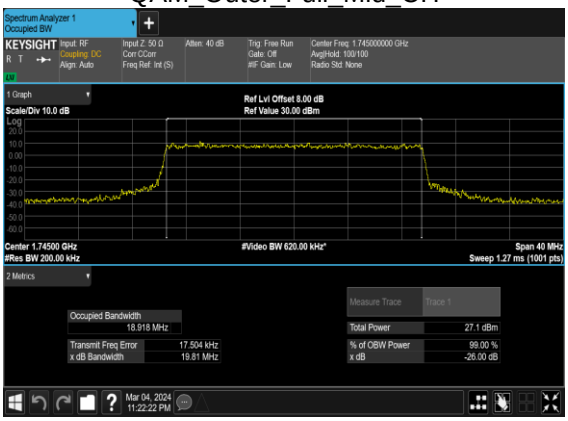


N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

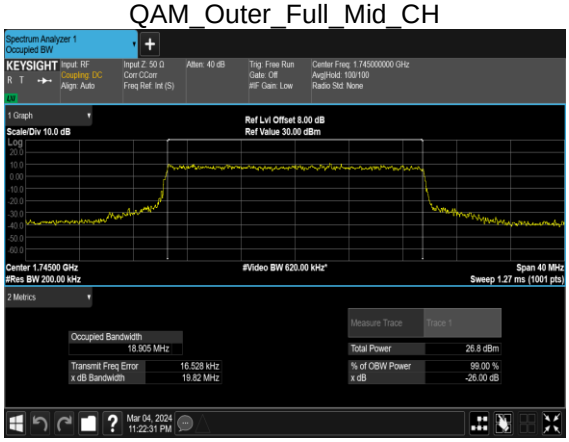
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



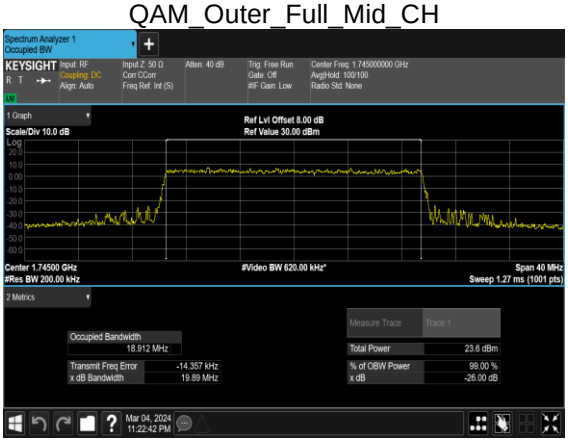
N66(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



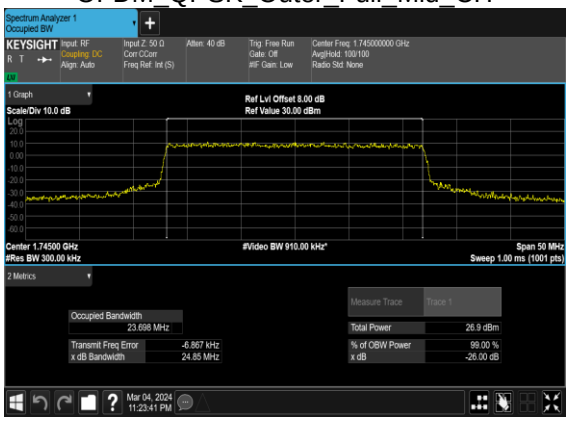
N66(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



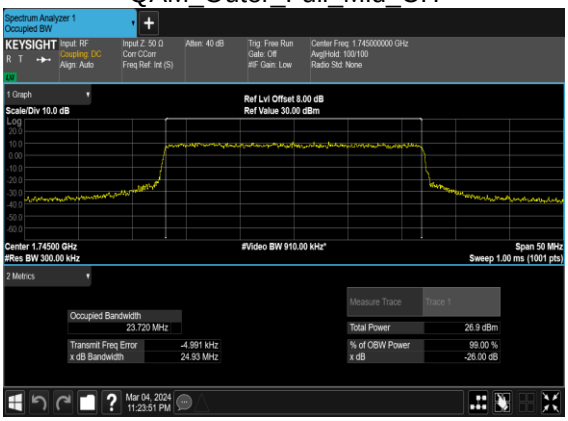
N66(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



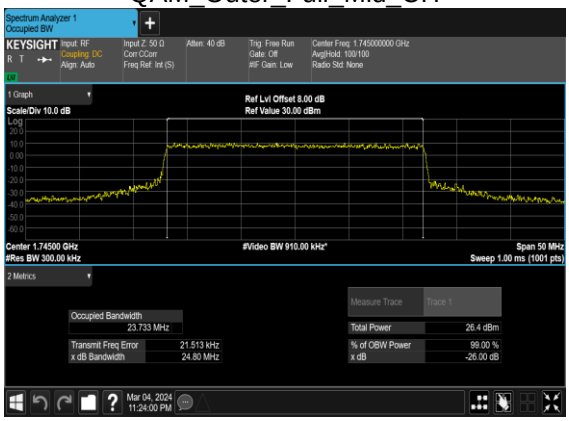
N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



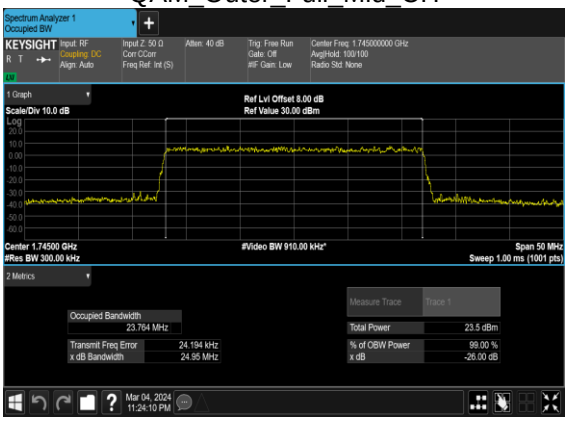
N66(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



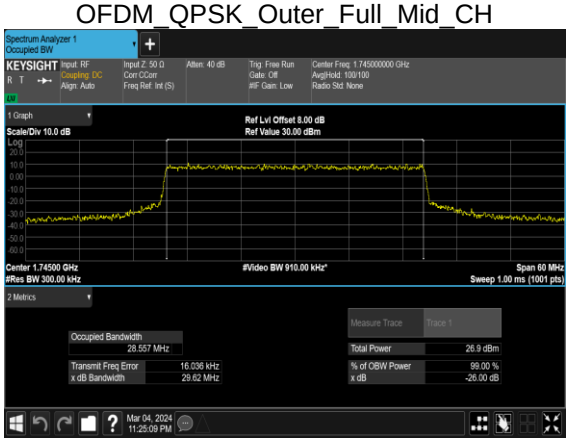
N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



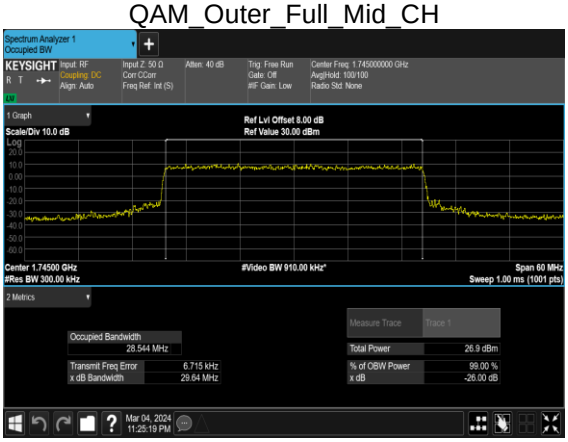
N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



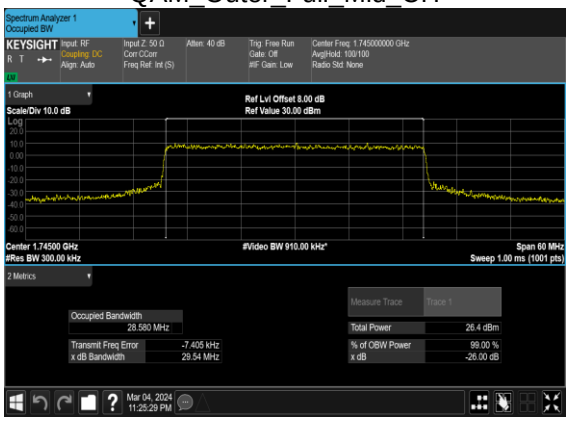
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



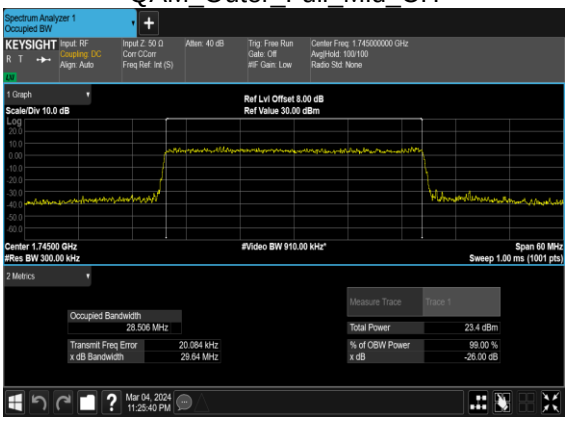
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



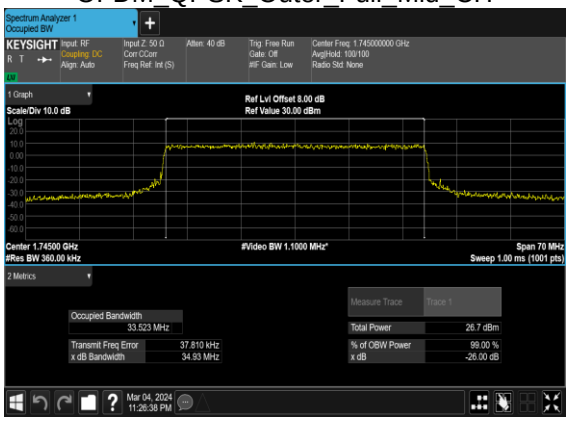
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



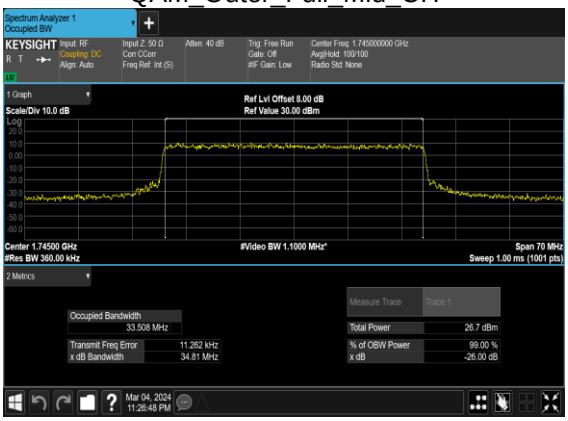
N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



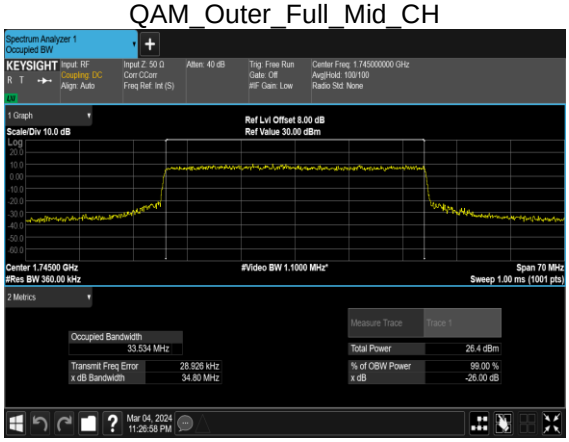
N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



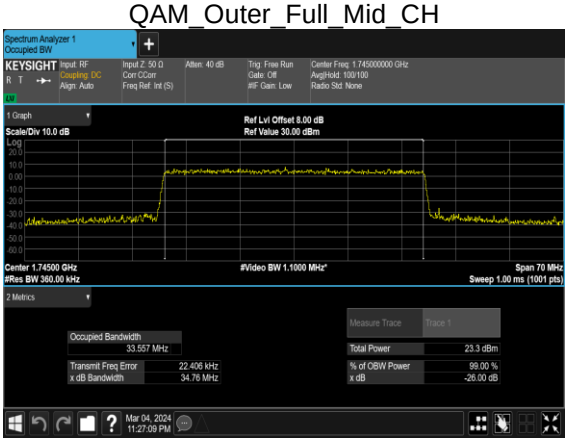
N66(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



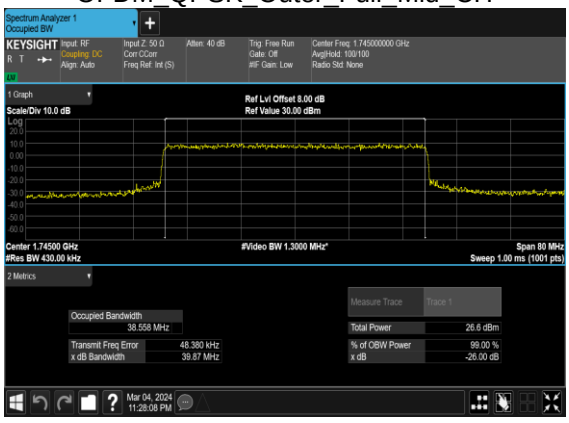
N66(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



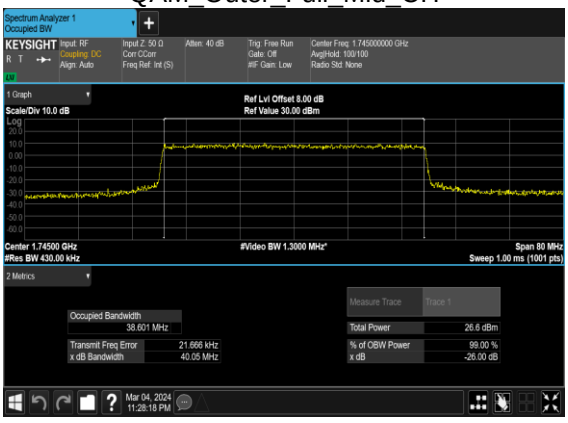
N66(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



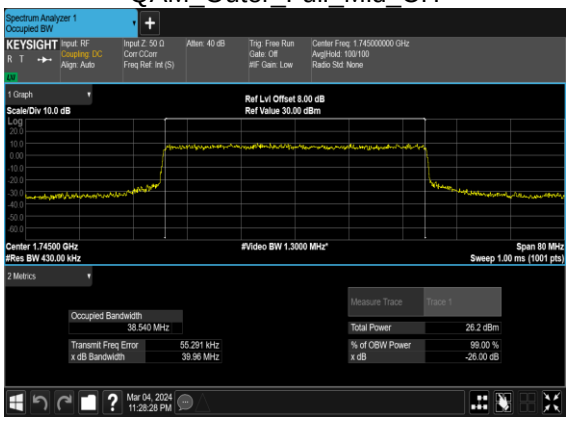
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



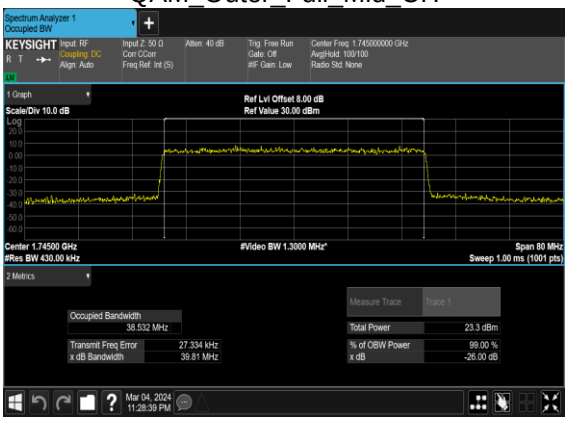
N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

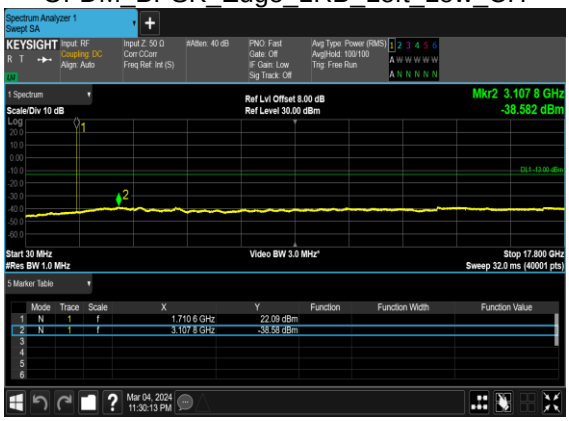


Conducted Spurious Emissions

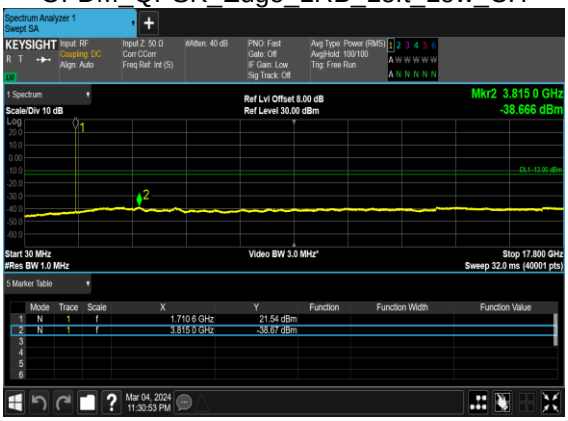
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

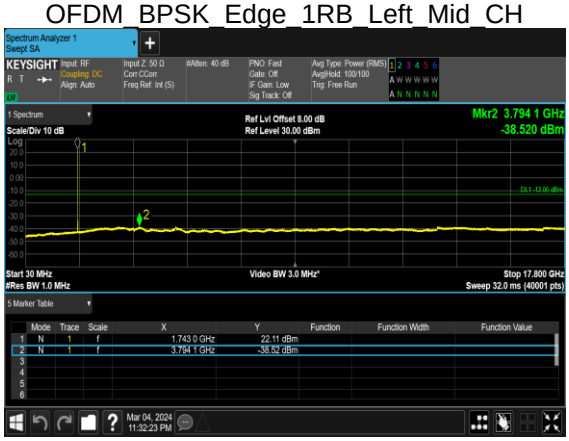
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



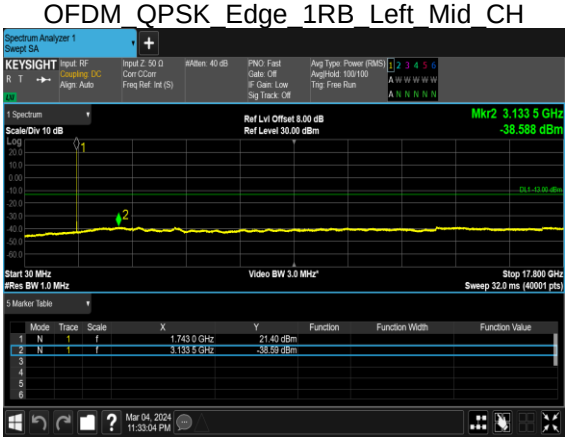
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



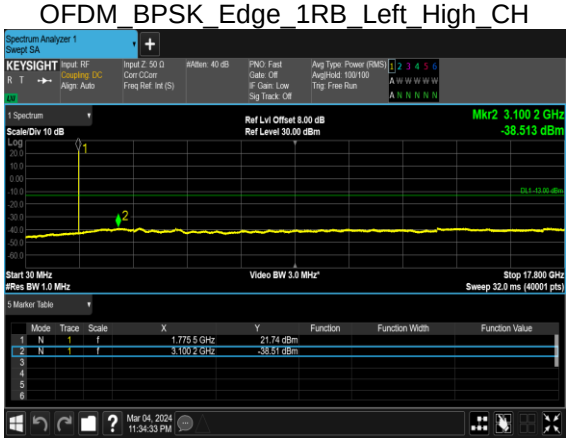
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



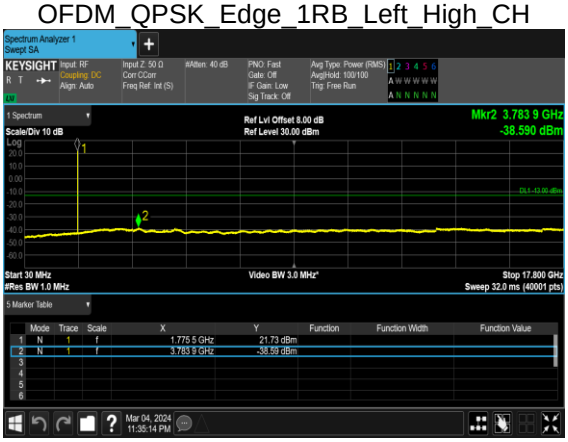
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



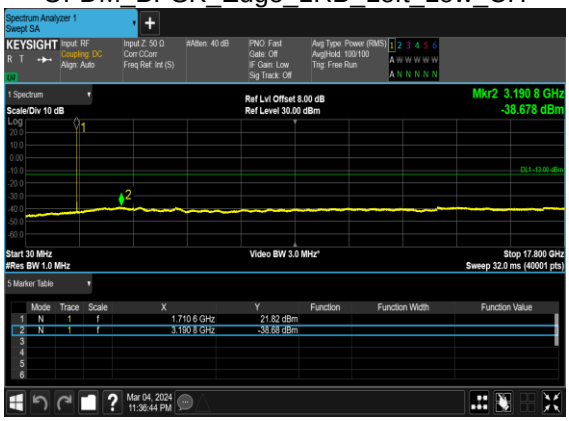
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



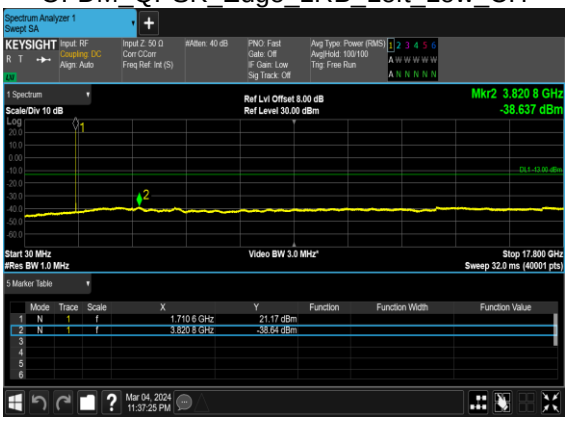
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



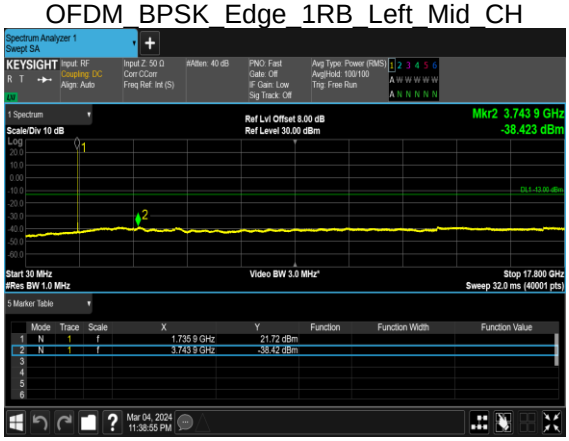
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



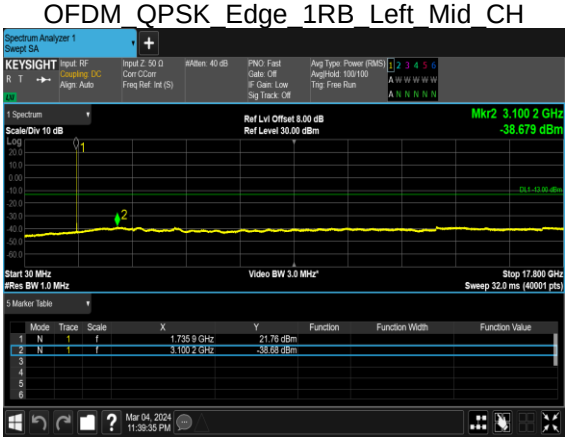
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



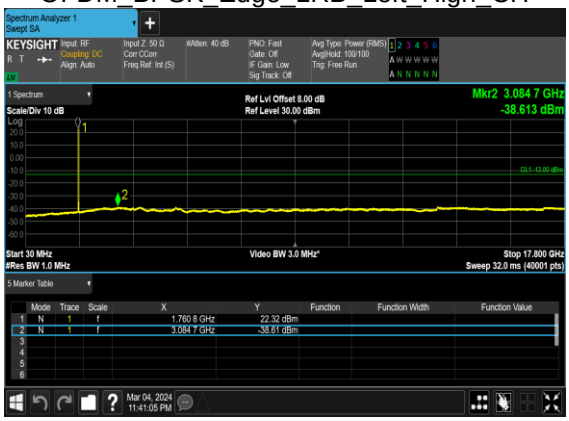
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



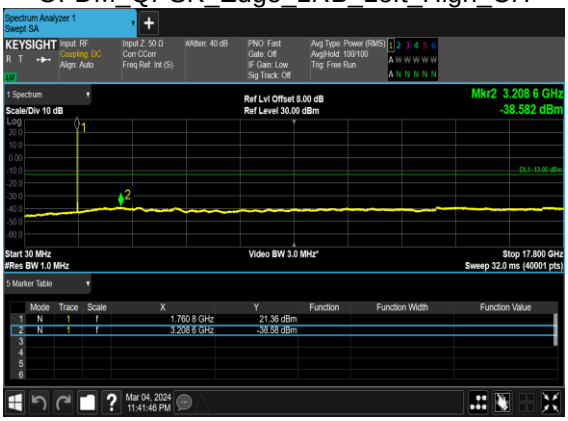
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



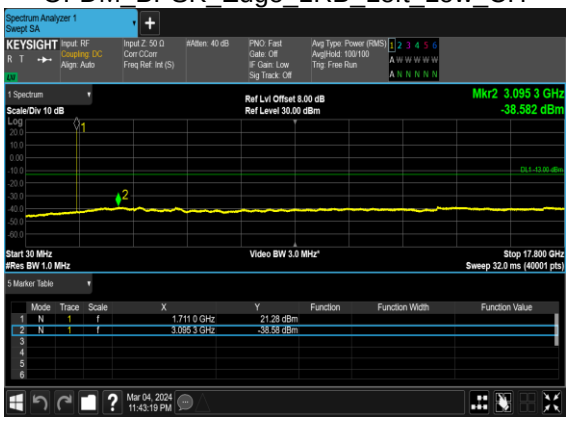
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



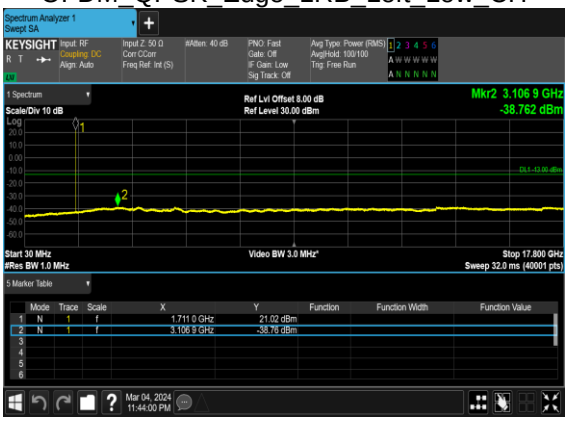
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



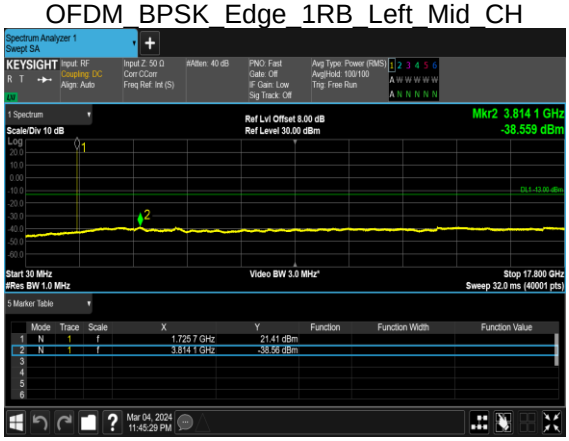
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



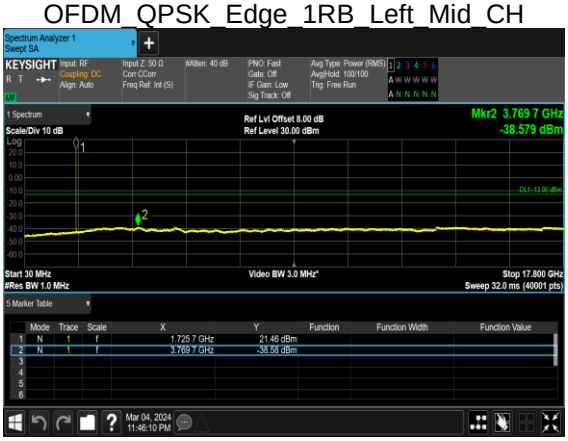
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



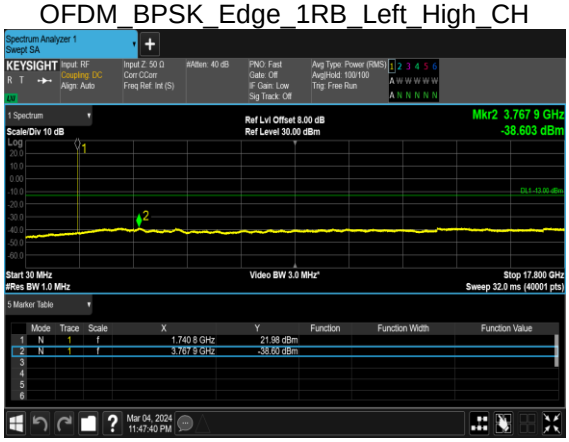
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



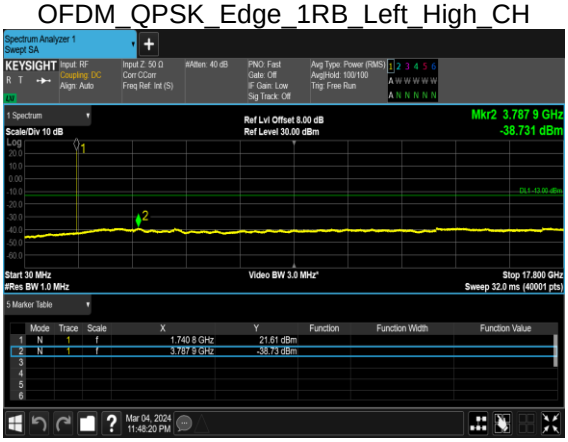
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



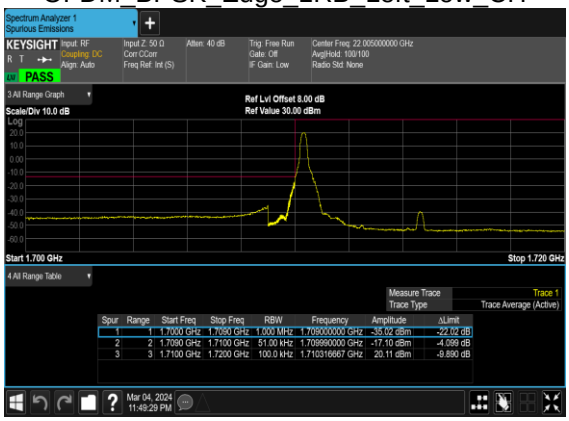
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



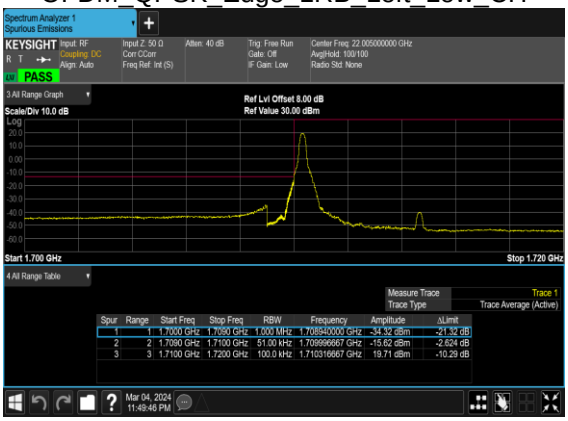
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

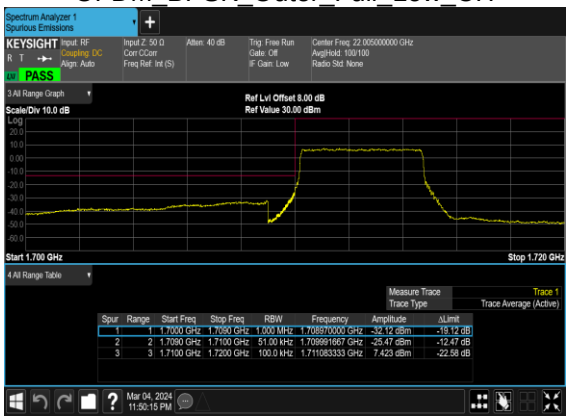
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



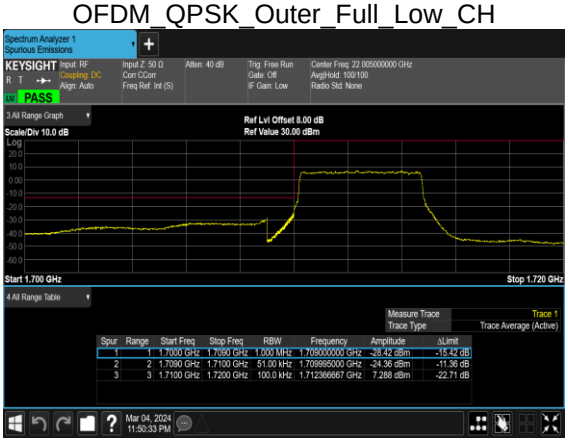
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



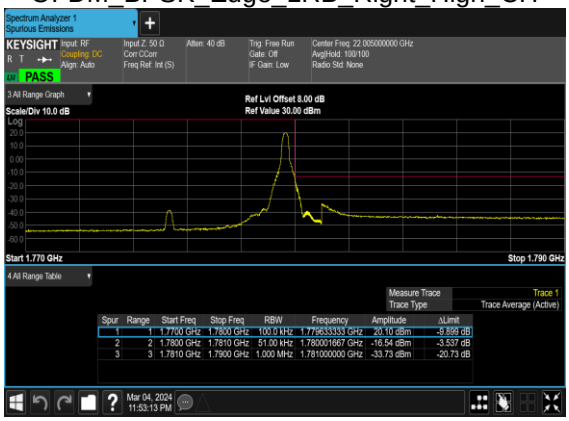
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



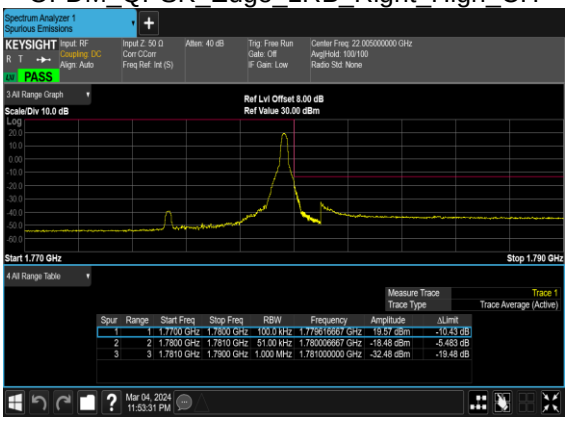
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



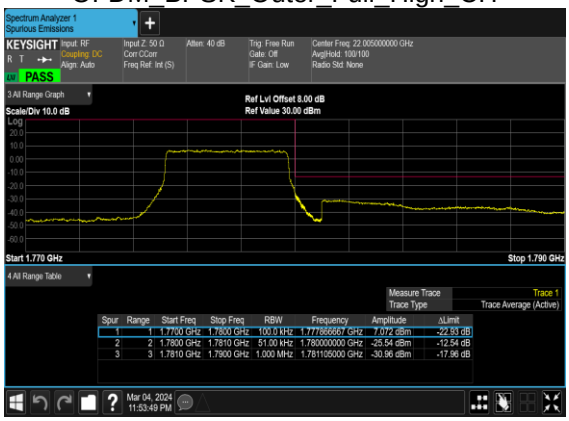
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



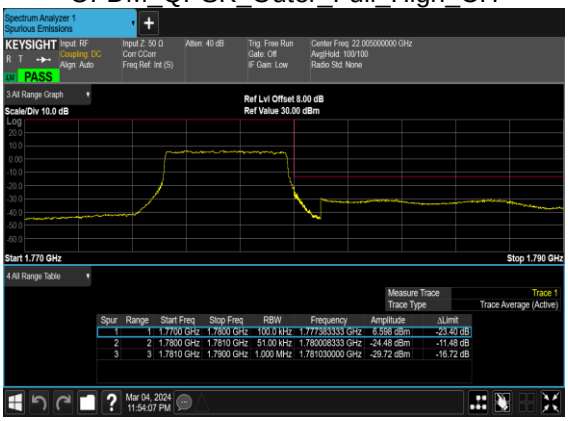
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



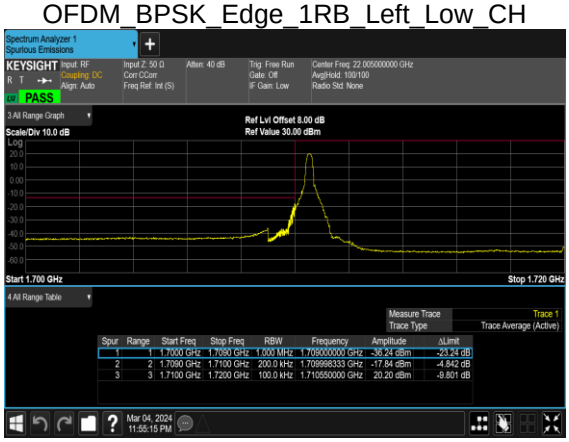
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



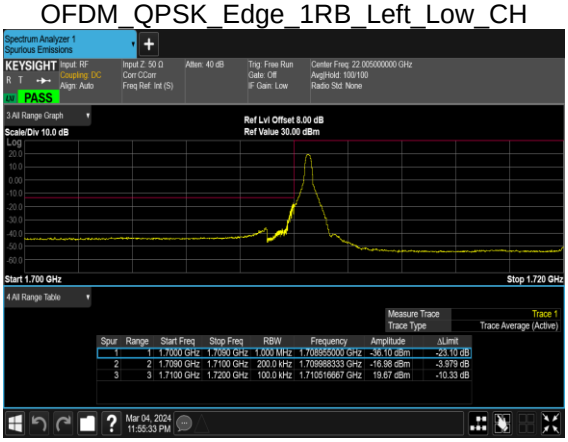
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



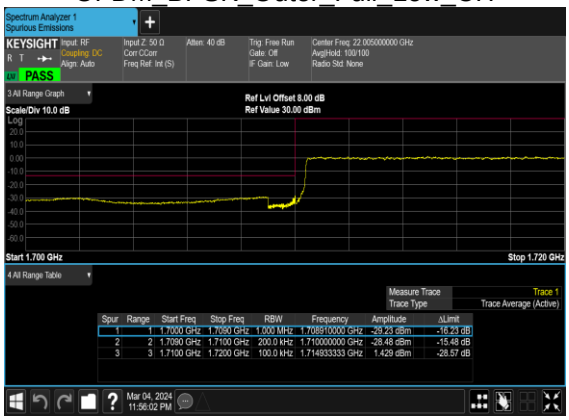
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



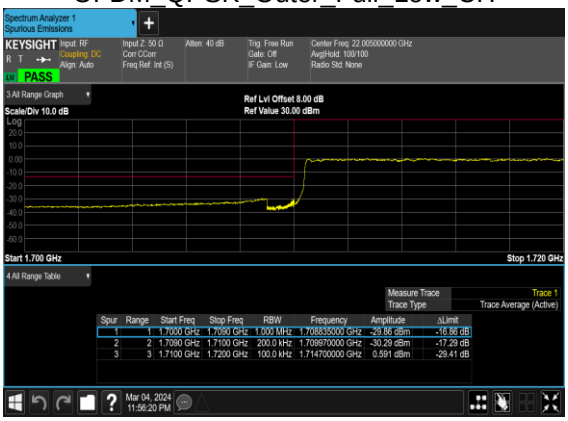
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



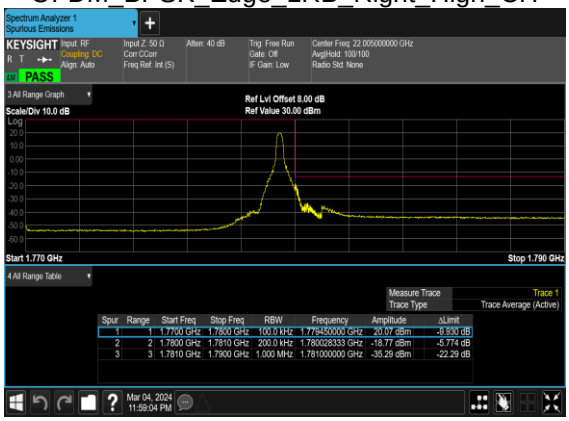
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



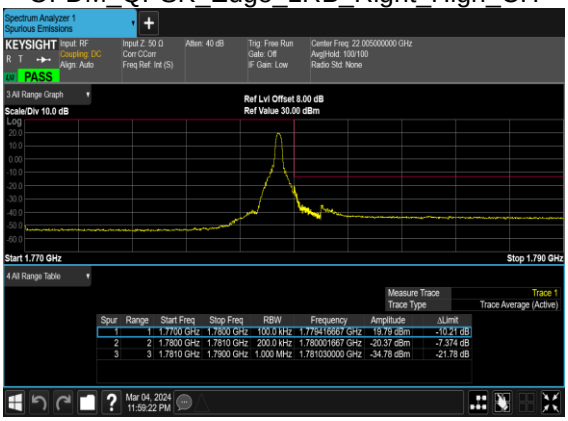
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



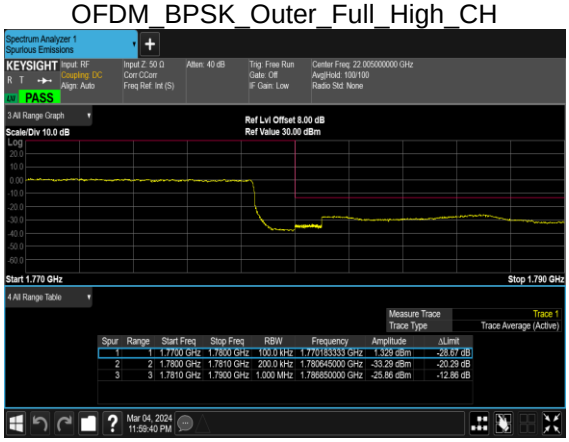
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



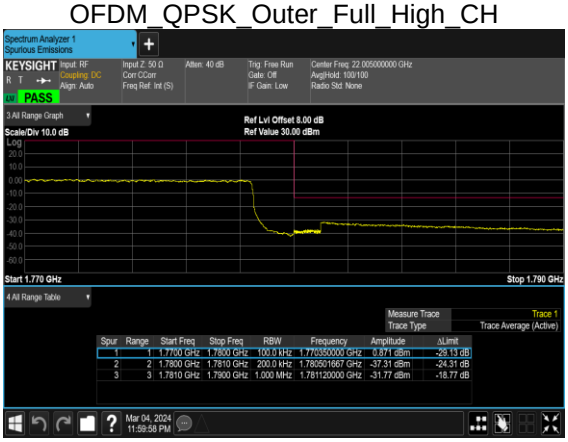
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



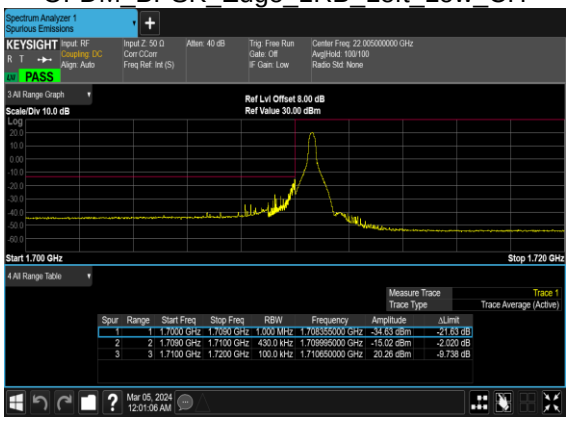
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



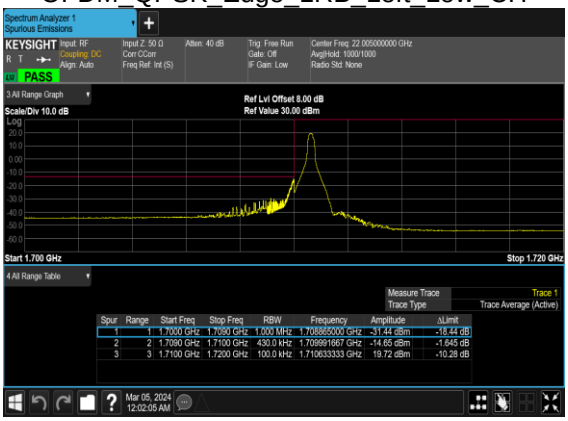
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

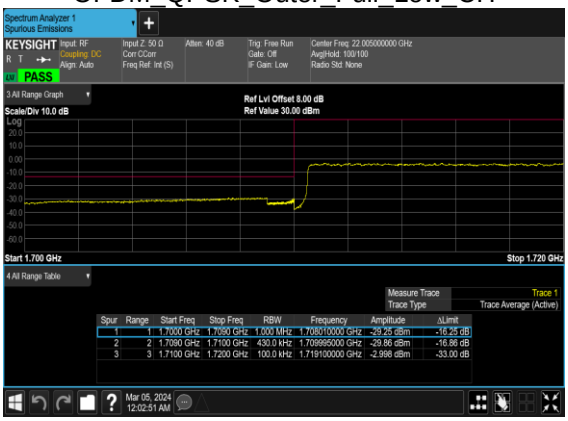


N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

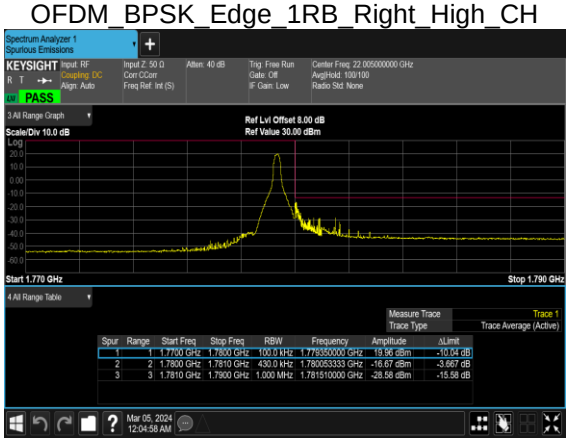


N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

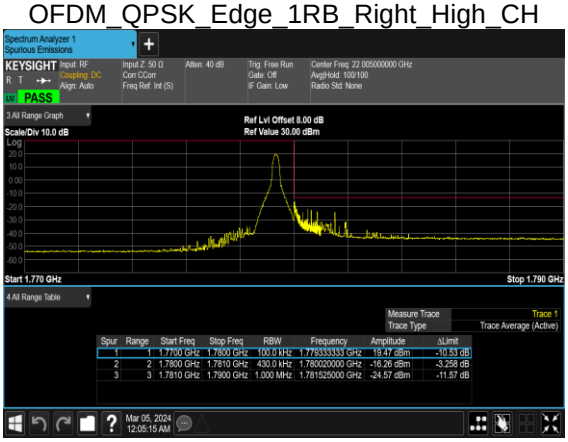
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



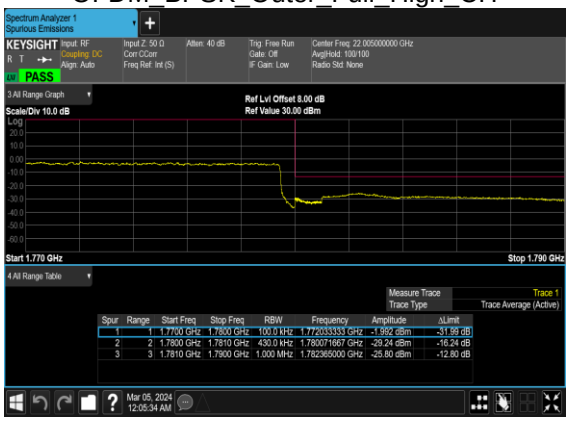
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



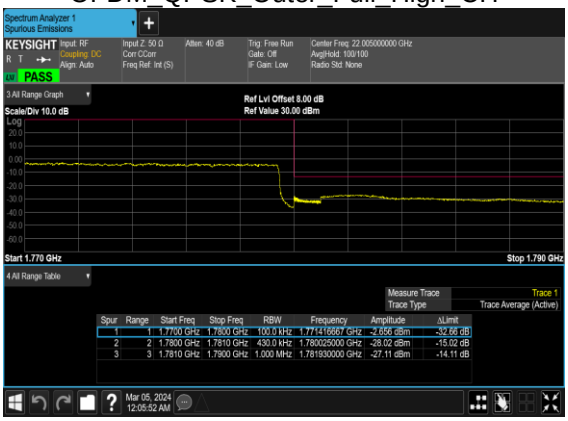
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N66-Other PA

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

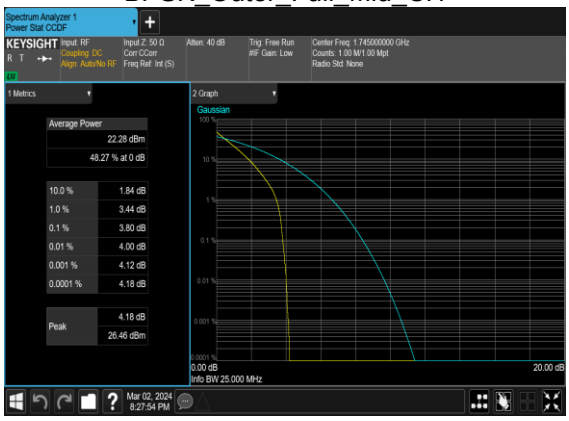
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0027	**PASS**	-30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0032	**PASS**	-20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0052	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0067	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0059	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0055	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	50℃

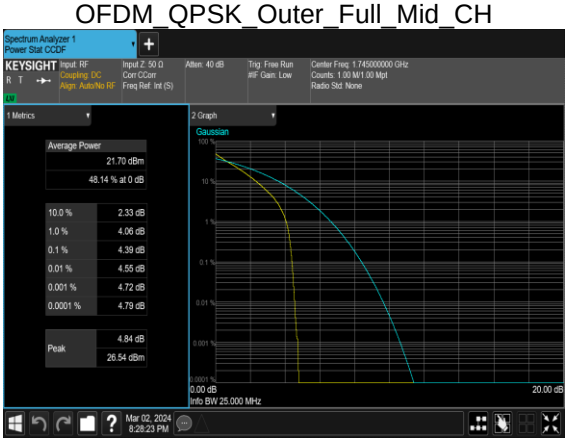
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.8	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.39	13	**PASS**

B2_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4855	5.137
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.5143	5.307
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4621	5.088
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4706	4.91
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2836	9.891
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2879	9.908
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.252	9.843
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2786	9.847
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.104	15.06
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.089	15.0
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.077	14.8
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.068	14.84
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.881	19.99
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.901	19.84
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.928	19.79
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.912	19.96
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.725	24.91
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.753	24.84
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.789	24.67
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.787	24.67
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.607	29.81
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.533	29.61
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.503	29.68
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.553	29.58
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.514	34.67
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.5	34.71
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.51	34.86
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.546	34.77
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.547	40.01
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.686	39.97
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.548	39.84
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.449	39.85