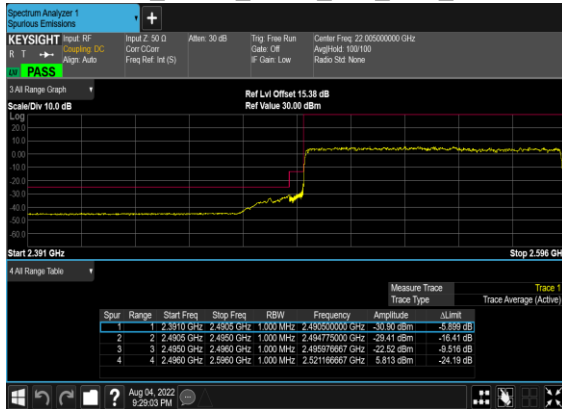
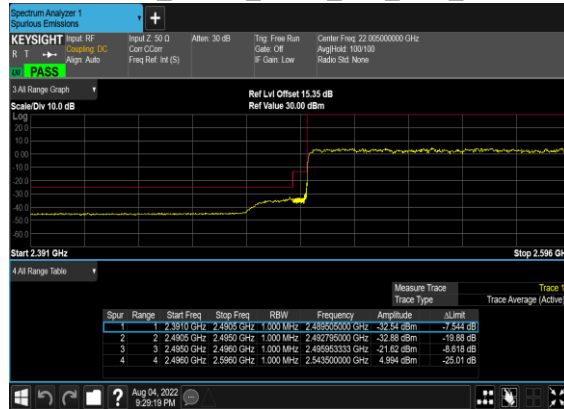


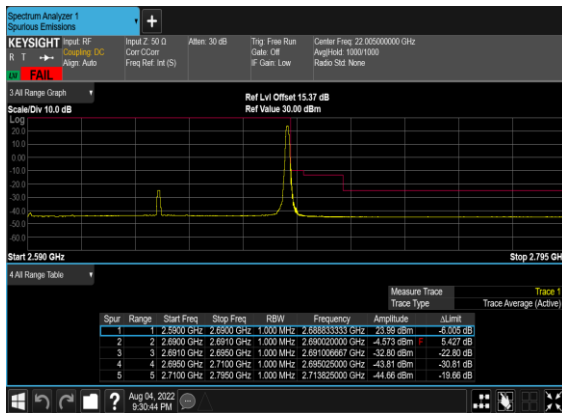
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



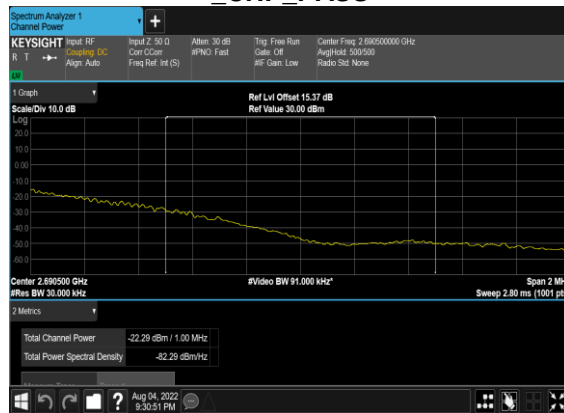
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



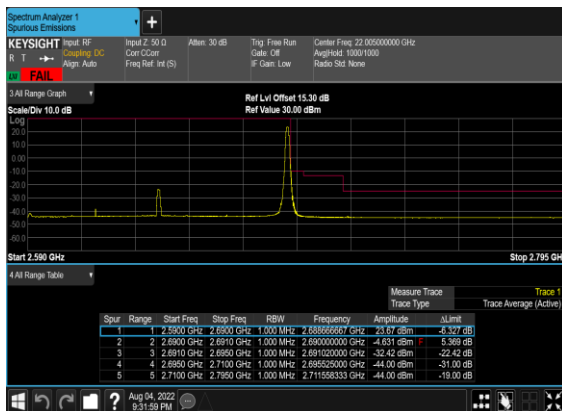
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



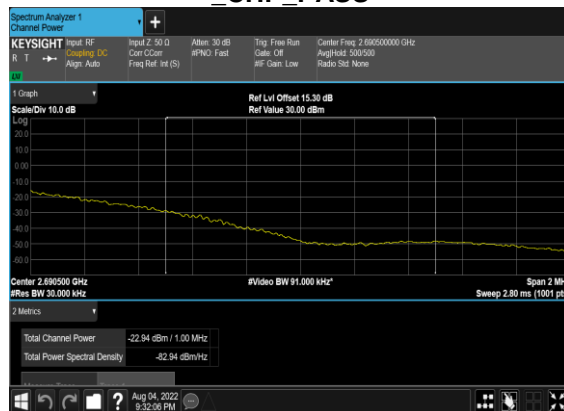
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH CHP_PASS



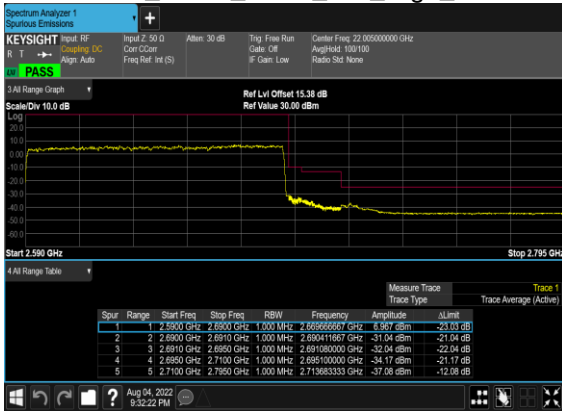
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



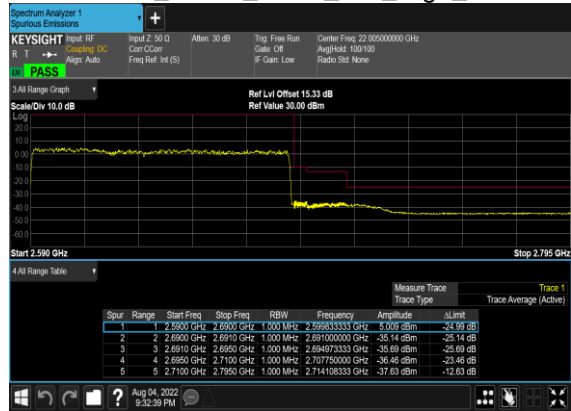
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH CHP_PASS



N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N66(ANT3)-PA1

Transmitter Conducted Output Power and EIRP, (G_T-L_C)=-3.14dB

NR Band	SCS	Bandwidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	24.78	21.64	0.1459
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	23.76	20.62	0.1153
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@1	24.83	21.69	0.1476
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.88	20.74	0.1186
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	24.93	21.79	0.1510
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	23.83	20.69	0.1172
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	24.75	21.61	0.1449
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	23.79	20.65	0.1161
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	24.81	21.67	0.1469
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.85	20.71	0.1178
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	24.77	21.63	0.1455
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	23.81	20.67	0.1167
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	24.8	21.66	0.1466
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.88	20.74	0.1186
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	24.9	21.76	0.1500
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.94	20.8	0.1202
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	24.89	21.75	0.1496
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	24.01	20.87	0.1222
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	24.81	21.67	0.1469
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	23.9	20.76	0.1191
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	24.99	21.85	0.1531
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	24	20.86	0.1219
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	25.03	21.89	0.1545
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	23.99	20.85	0.1216
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	24.86	21.72	0.1486
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	23.81	20.67	0.1167
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	24.95	21.81	0.1517
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.98	20.84	0.1213
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	24.93	21.79	0.1510
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	23.98	20.84	0.1213
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	108@54	24.85	21.71	0.1483
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@1	24.69	21.55	0.1429
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@214	24.83	21.69	0.1476
66	15	40	426000	1730	DFT-s-OFDM QPSK	108@54	24.86	21.72	0.1486
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@1	24.59	21.45	0.1396
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@214	25.22	22.08	0.1614

66	15	40	426000	1730	DFT-s-OFDM 16 QAM	108@54	23.8	20.66	0.1164
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@1	23.67	20.53	0.1130
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@214	23.89	20.75	0.1189
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	108@54	22.33	19.19	0.0830
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@1	22.15	19.01	0.0796
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@214	22.41	19.27	0.0845
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	108@54	20.24	17.1	0.0513
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@1	19.93	16.79	0.0478
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@214	20.2	17.06	0.0508
66	15	40	426000	1730	CP-OFDM QPSK	108@54	23.28	20.14	0.1033
66	15	40	426000	1730	CP-OFDM QPSK	1@1	23.2	20.06	0.1014
66	15	40	426000	1730	CP-OFDM QPSK	1@214	23.4	20.26	0.1062
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	108@54	24.87	21.73	0.1489
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.69	21.55	0.1429
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@214	24.79	21.65	0.1462
66	15	40	429000	1745	DFT-s-OFDM QPSK	108@54	24.83	21.69	0.1476
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@1	24.79	21.65	0.1462
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@214	24.8	21.66	0.1466
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	108@54	23.8	20.66	0.1164
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.74	20.6	0.1148
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@214	23.82	20.68	0.1169
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	108@54	22.34	19.2	0.0832
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@1	22.25	19.11	0.0815
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@214	22.35	19.21	0.0834
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	108@54	20.4	17.26	0.0532
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.94	16.8	0.0479
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@214	20.18	17.04	0.0506
66	15	40	429000	1745	CP-OFDM QPSK	108@54	23.31	20.17	0.1040
66	15	40	429000	1745	CP-OFDM QPSK	1@1	23.27	20.13	0.1030
66	15	40	429000	1745	CP-OFDM QPSK	1@214	23.18	20.04	0.1009
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	108@54	24.77	21.63	0.1455
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@1	24.71	21.57	0.1435
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@214	24.87	21.73	0.1489
66	15	40	432000	1760	DFT-s-OFDM QPSK	108@54	24.89	21.75	0.1496
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@1	24.79	21.65	0.1462
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@214	24.88	21.74	0.1493
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	108@54	23.87	20.73	0.1183
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@1	23.83	20.69	0.1172
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@214	23.93	20.79	0.1199
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	108@54	22.35	19.21	0.0834
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@1	22.3	19.16	0.0824
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@214	22.43	19.29	0.0849
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	108@54	20.31	17.17	0.0521
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@1	20.05	16.91	0.0491

66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@214	20.15	17.01	0.0502
66	15	40	432000	1760	CP-OFDM QPSK	108@54	23.28	20.14	0.1033
66	15	40	432000	1760	CP-OFDM QPSK	1@1	23.29	20.15	0.1035
66	15	40	432000	1760	CP-OFDM QPSK	1@214	23.37	20.23	0.1054

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0022	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0056	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0041	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0051	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0049	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0068	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0030	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0035	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	3.96	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	4.05	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	5.36	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	5.62	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	3.91	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.04	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	5.42	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	5.65	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	3.94	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	4.08	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	5.39	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	5.63	13	PASS

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



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



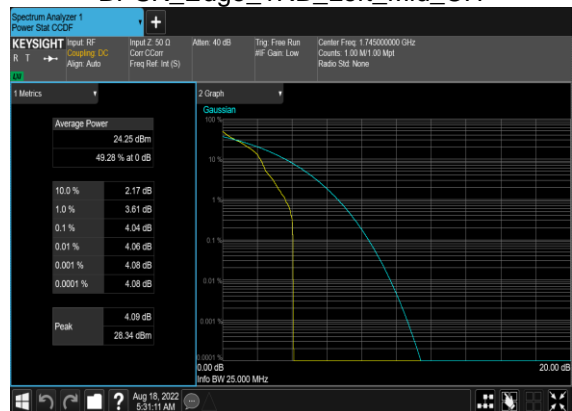
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



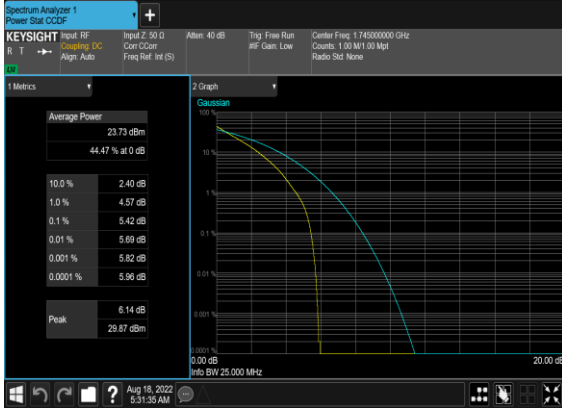
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



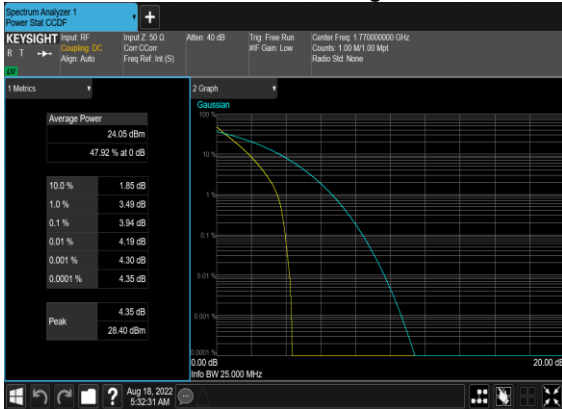
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

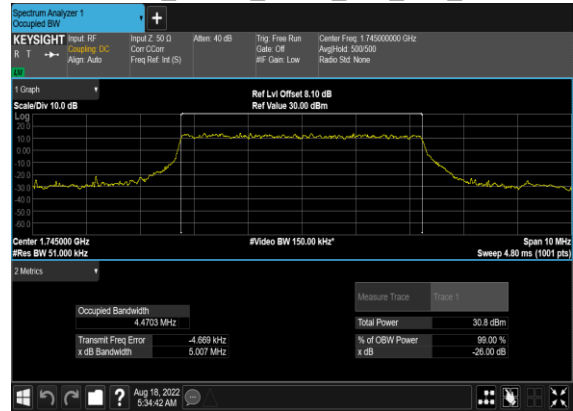
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4884	5.081
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.4703	5.007
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.4811	5.093
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.4912	5.188
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.469	5.077
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.4901	5.105
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9252	9.693
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.9222	9.662
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.2803	10.14
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.2975	10.04
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.2731	9.961
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.2842	9.981
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.383	14.32
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.428	14.37
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.11	15.0
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.112	15.0
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.126	15.04
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.09	14.98
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.909	18.83
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	17.87	18.88
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	18.917	20.0
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	18.939	19.94
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	18.914	20.01
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	18.928	19.92
66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.58	29.71

66	15	30	429000	1745.0	DFT-s-OFDM QPSK	160@0	28.538	29.7
66	15	30	429000	1745.0	CP-OFDM QPSK	160@0	28.542	29.81
66	15	30	429000	1745.0	CP-OFDM 16 QAM	160@0	28.564	29.8
66	15	30	429000	1745.0	CP-OFDM 64 QAM	160@0	28.514	31.12
66	15	30	429000	1745.0	CP-OFDM 256 QAM	160@0	28.567	29.82
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	38.538	40.08
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	216@0	38.477	40.07
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	38.536	40.08
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	38.581	40.15
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.585	39.93
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.548	39.91

N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



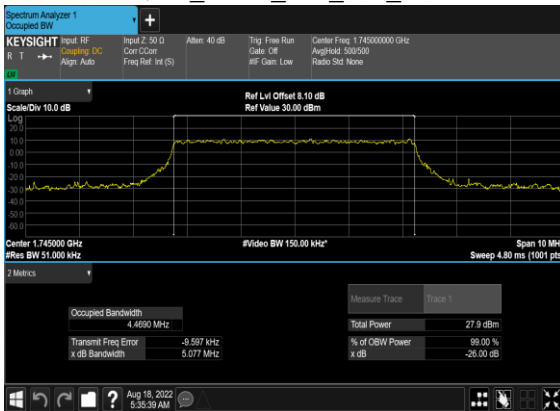
N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



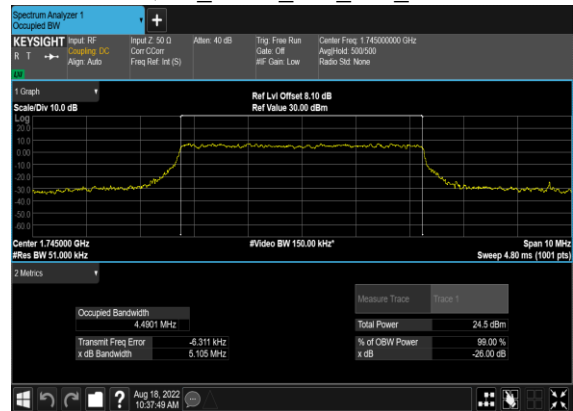
N66(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



N66(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



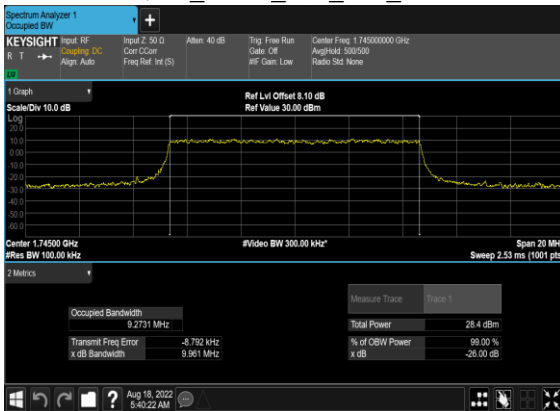
N66(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



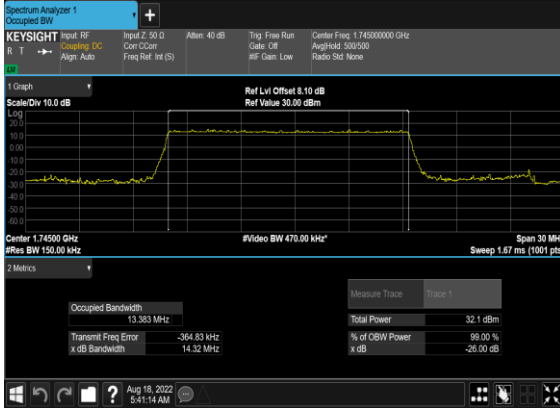
N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



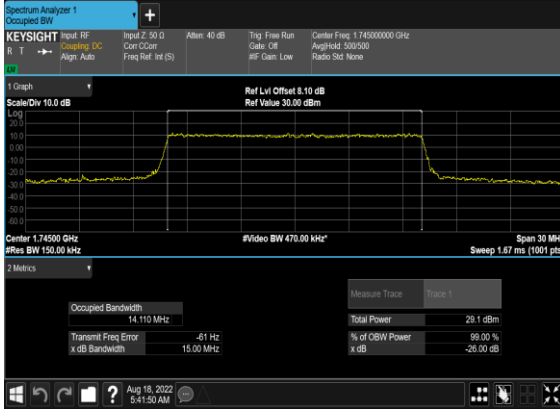
N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



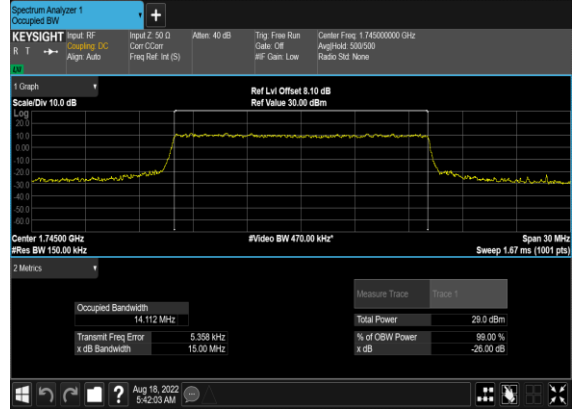
N66(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



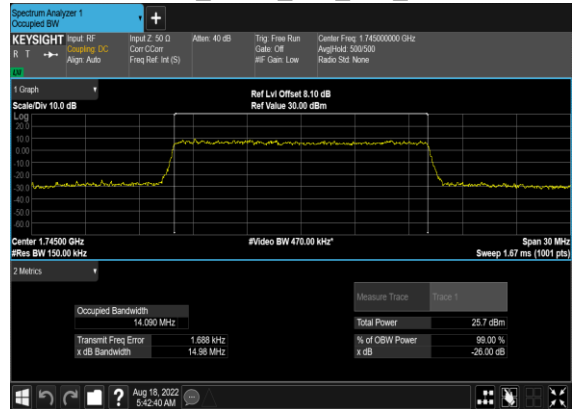
N66(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



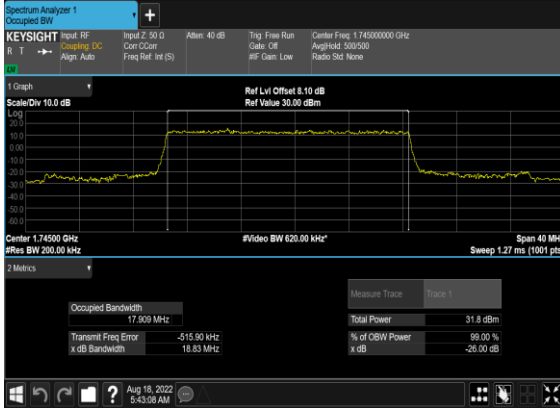
N66(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



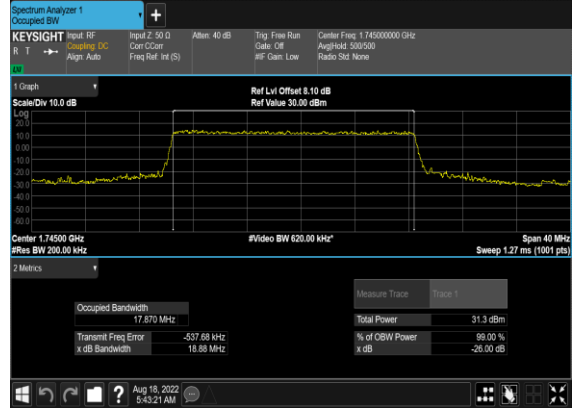
N66(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



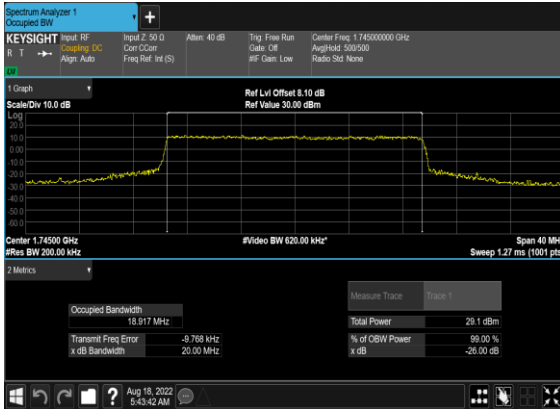
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



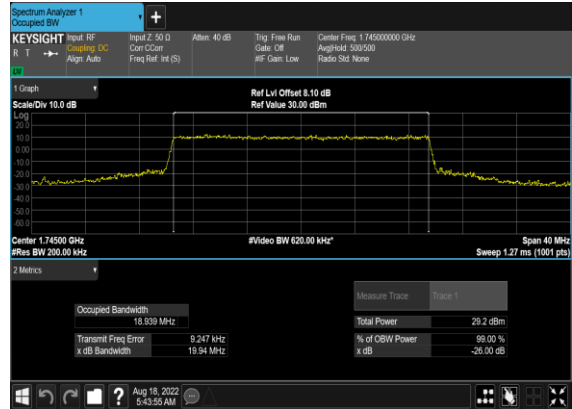
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



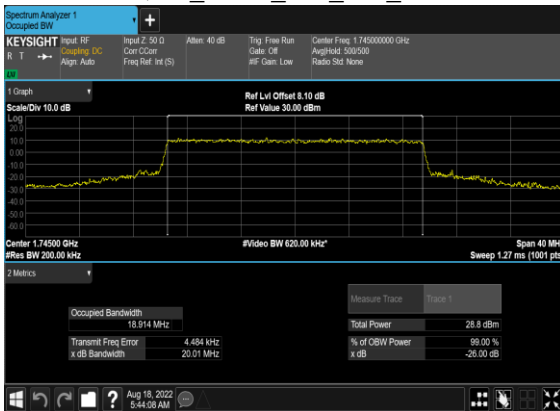
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



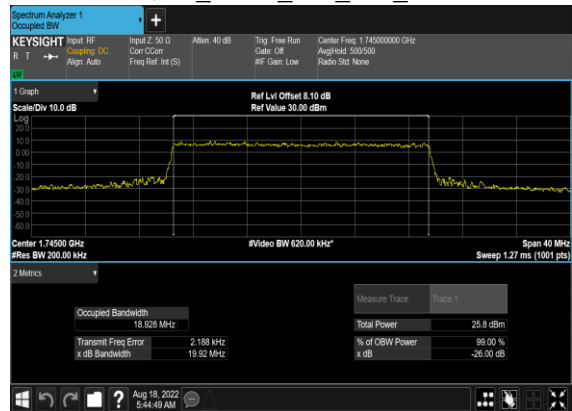
N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



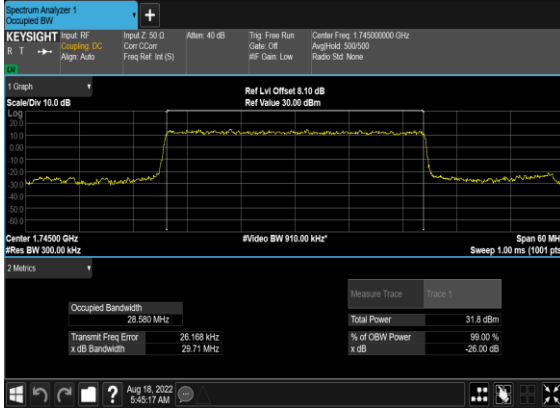
N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



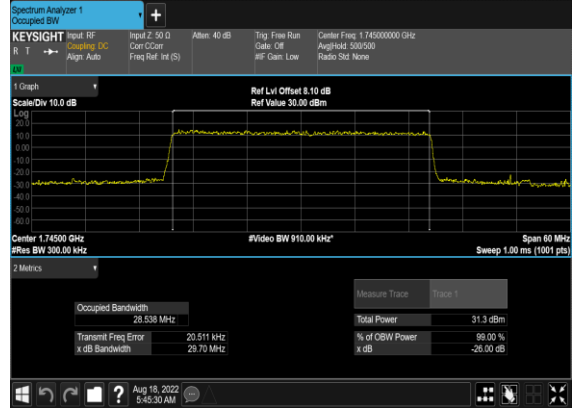
N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



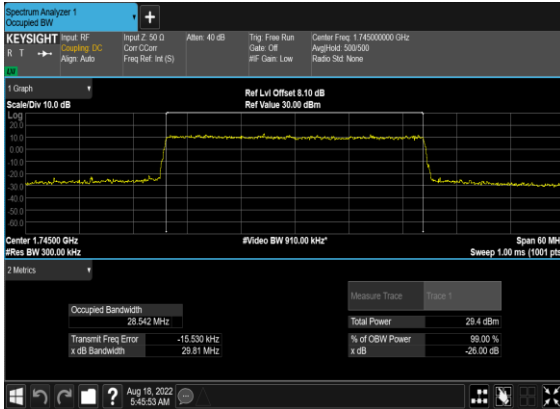
N66(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



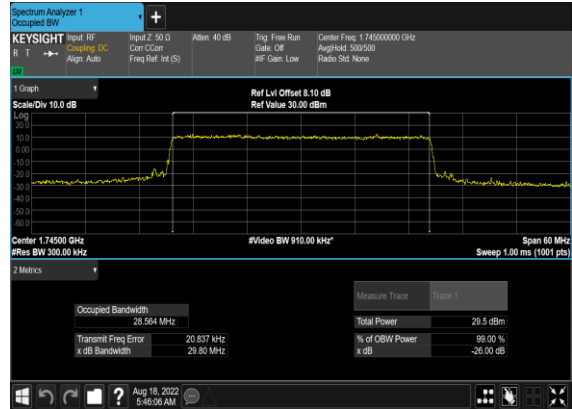
N66(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



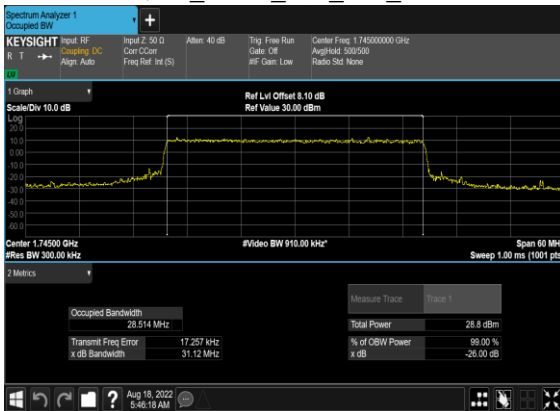
N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



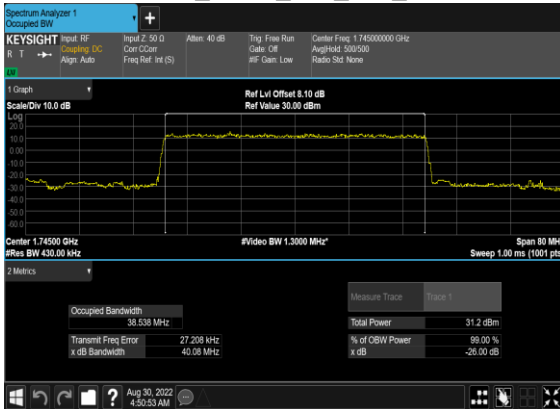
N66(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



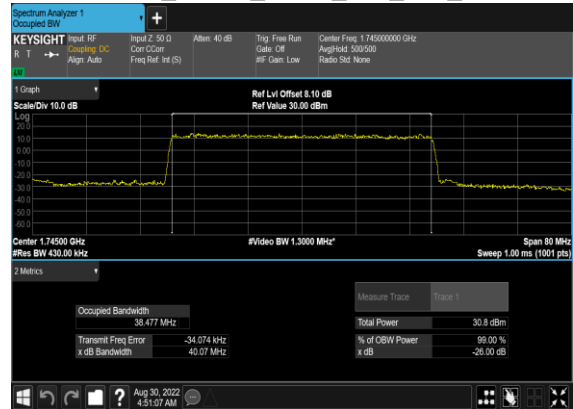
N66(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



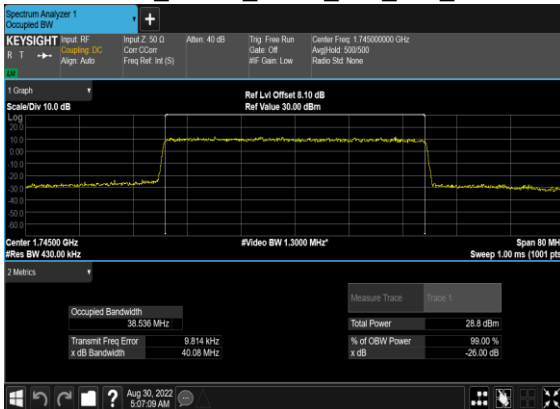
N66(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



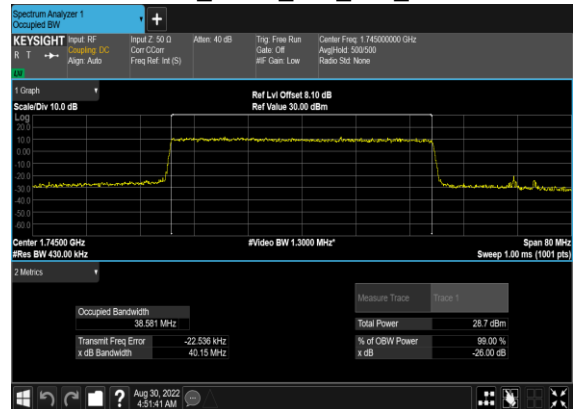
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



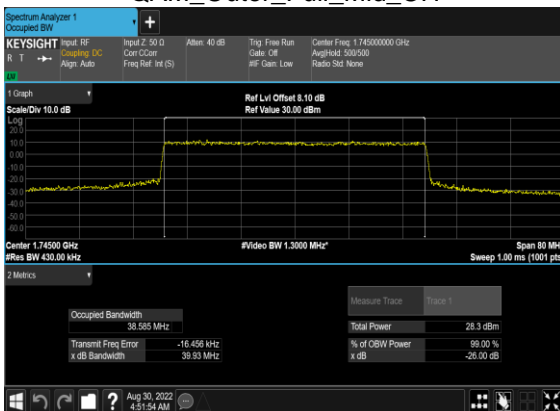
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



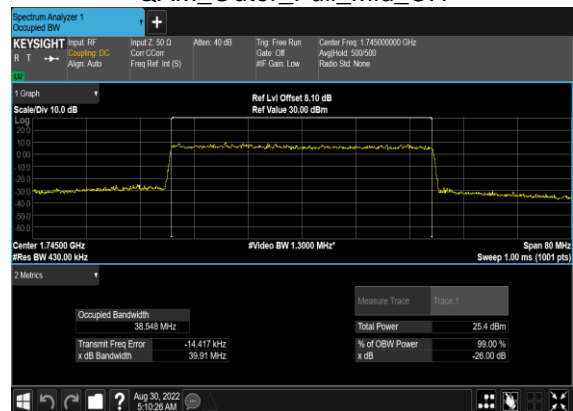
N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

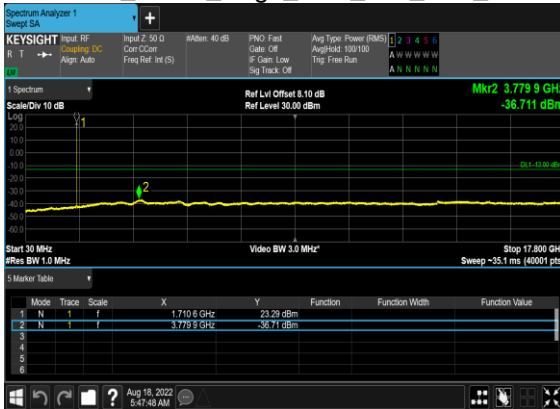


Conducted Spurious Emissions

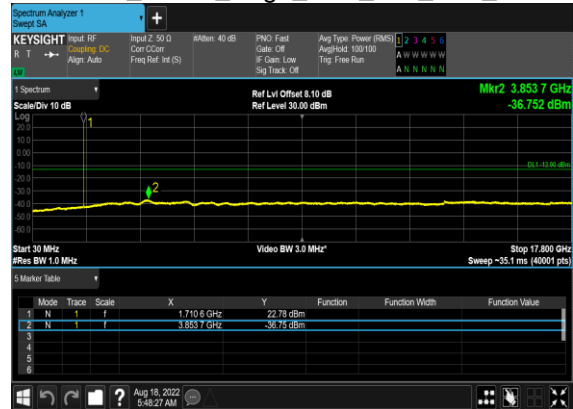
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	15	423500	1717.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	15	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	15	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	15	434500	1772.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	15	434500	1772.5	DFT-s-OFDM BPSK	1@0	see graph	PASS

66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

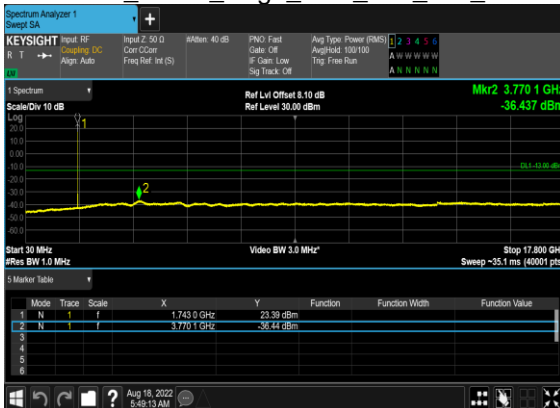
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



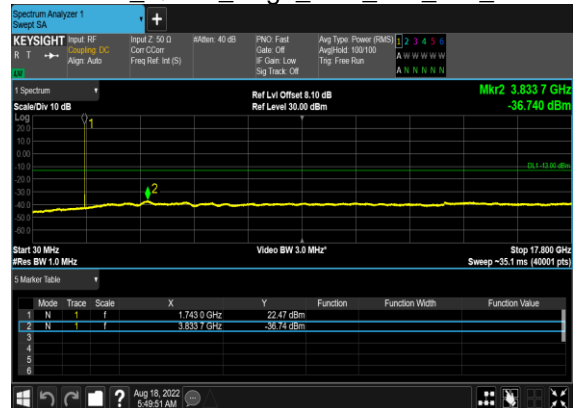
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



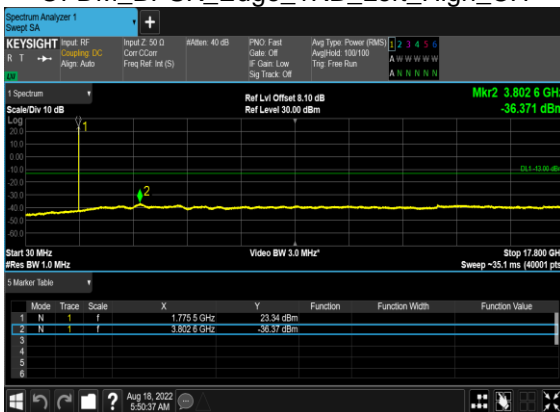
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



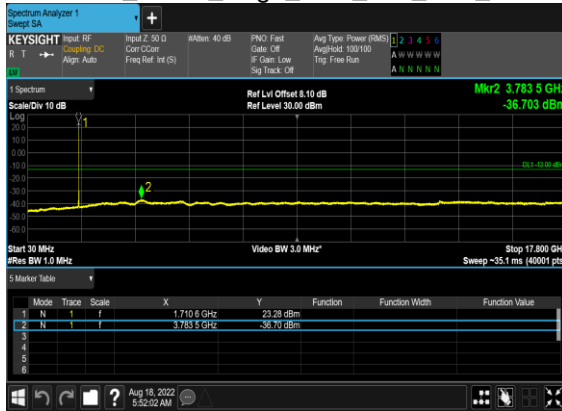
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



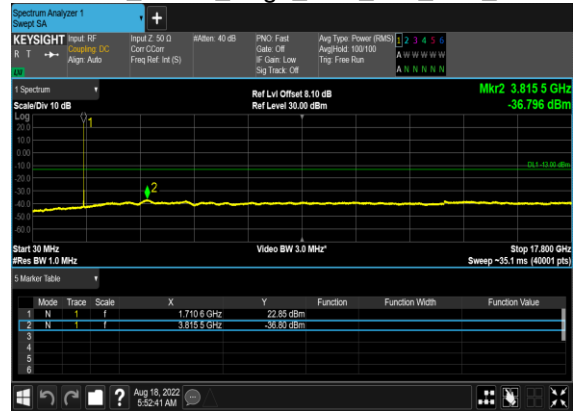
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



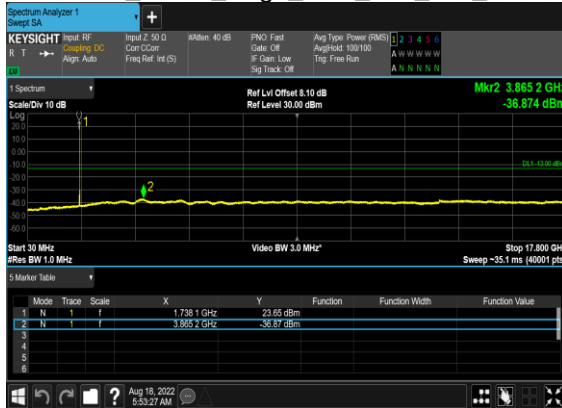
N66(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



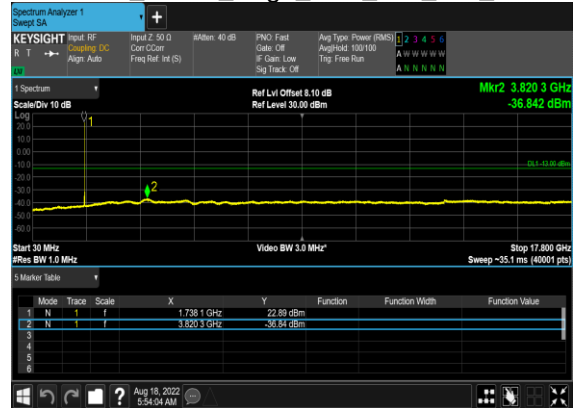
N66(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



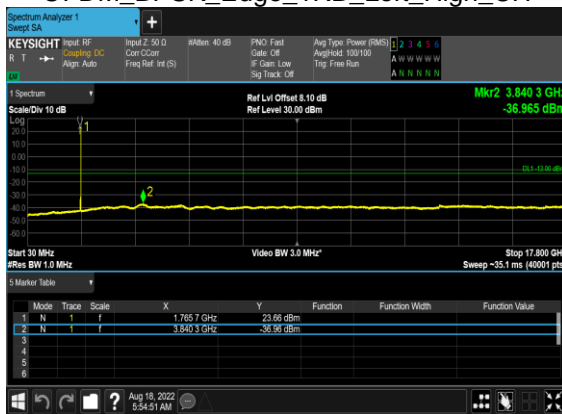
N66(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



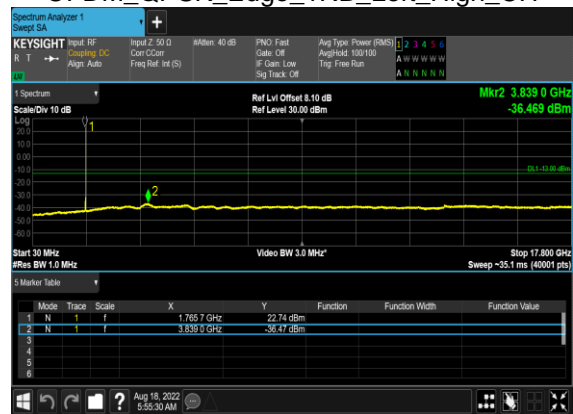
N66(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



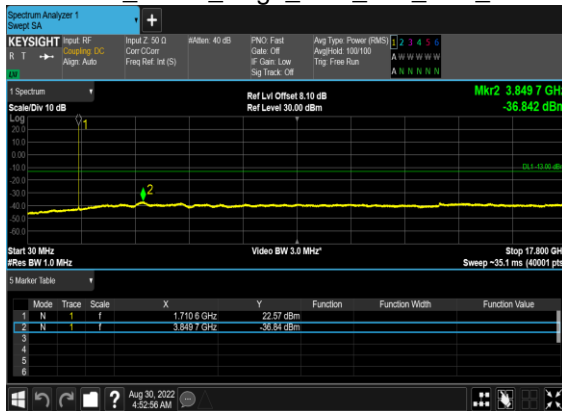
N66(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



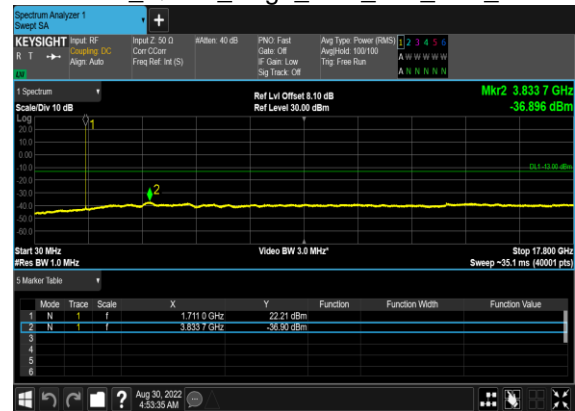
N66(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



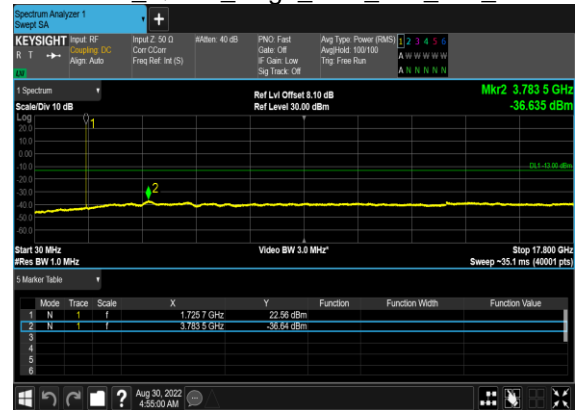
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



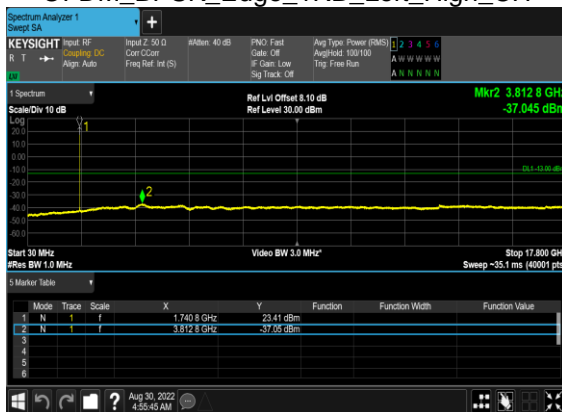
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



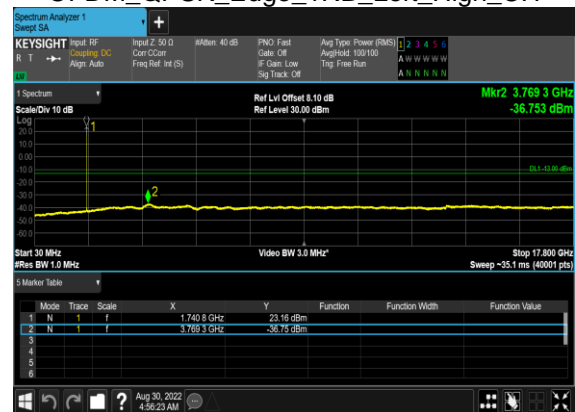
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



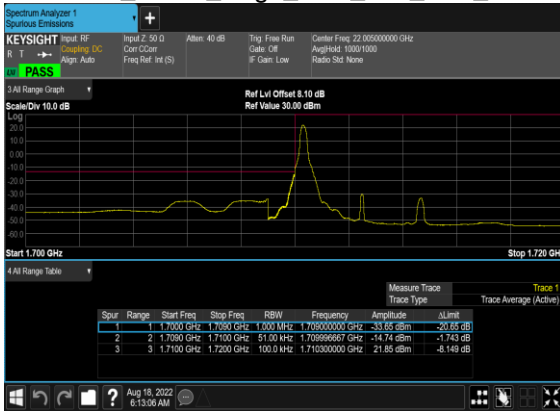
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



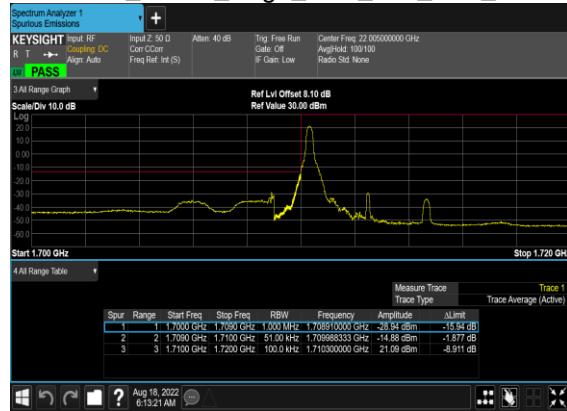
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
66	15	15	434500	1772.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
66	15	15	434500	1772.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	426000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	432000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



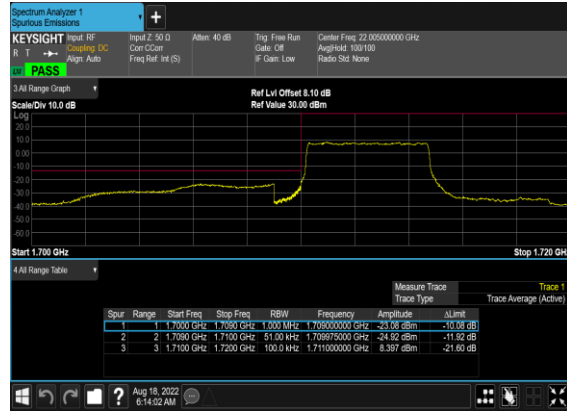
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



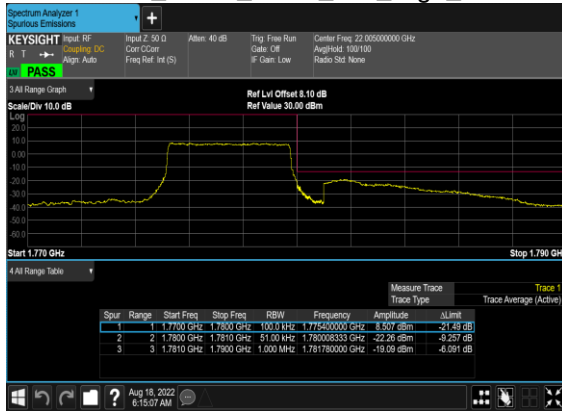
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



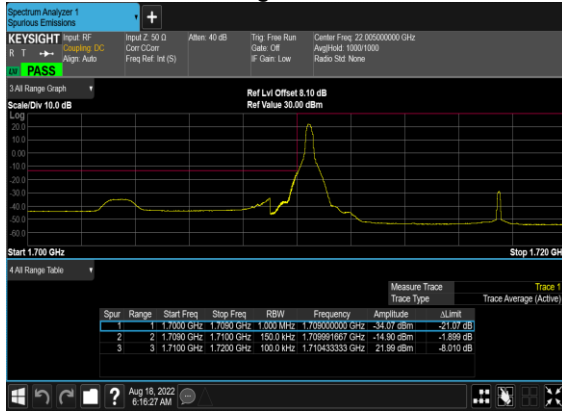
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



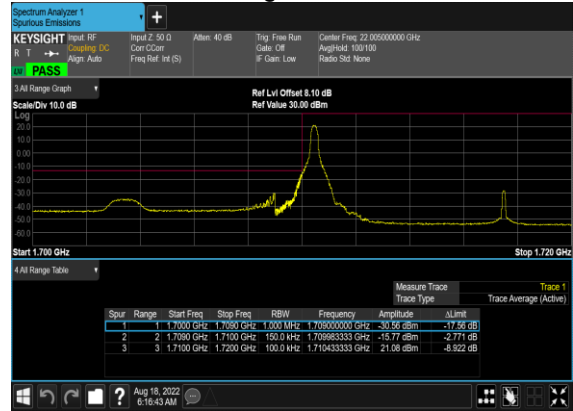
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



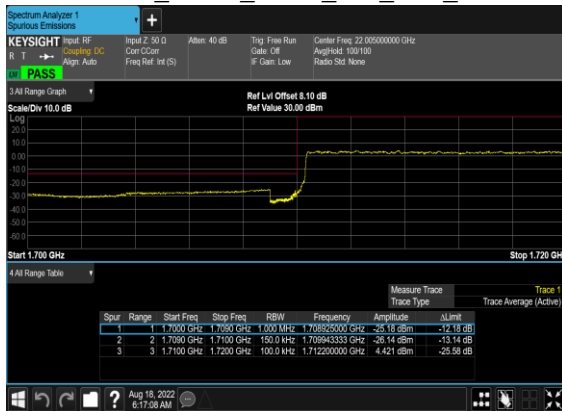
N66(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



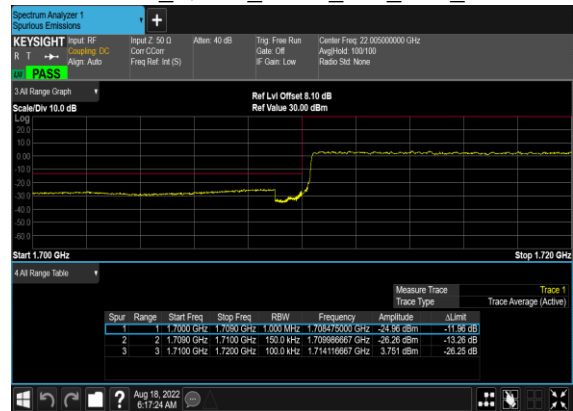
N66(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



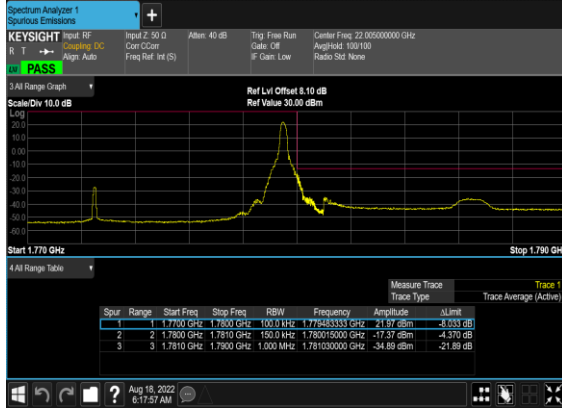
N66(15M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



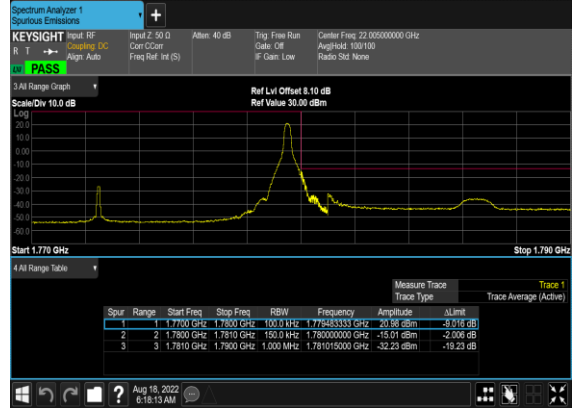
N66(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N66(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



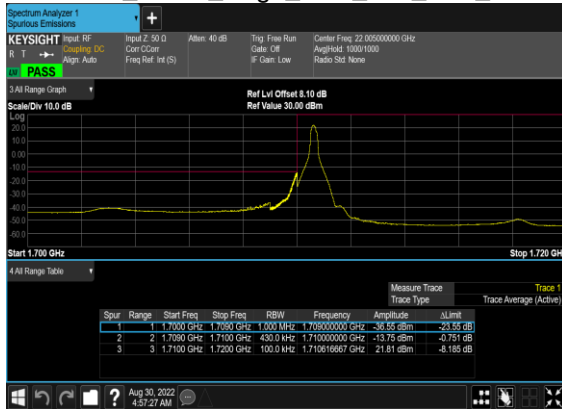
N66(15M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



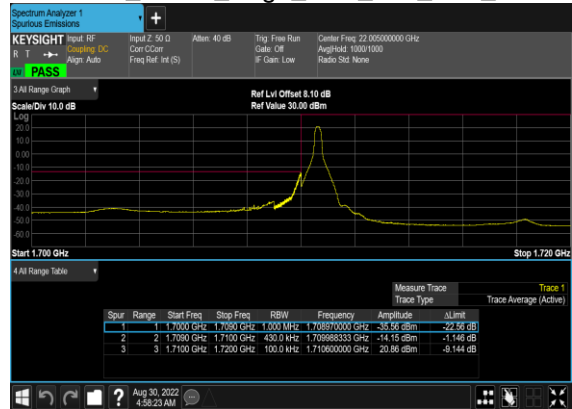
N66(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



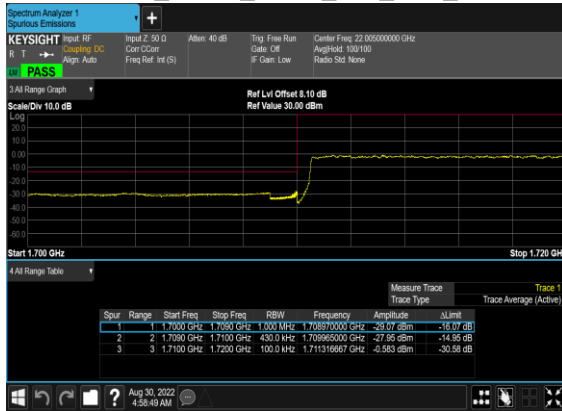
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



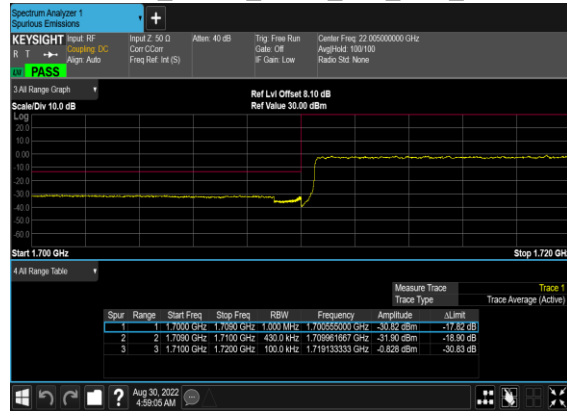
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



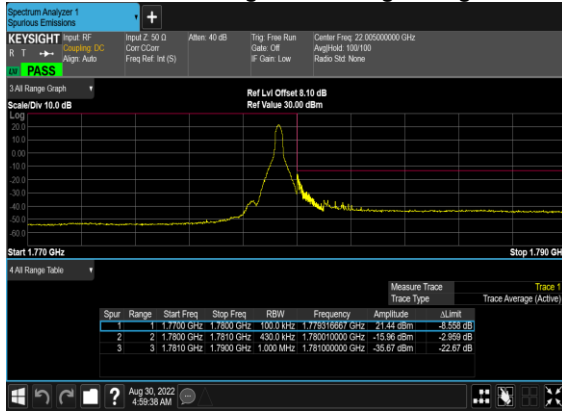
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



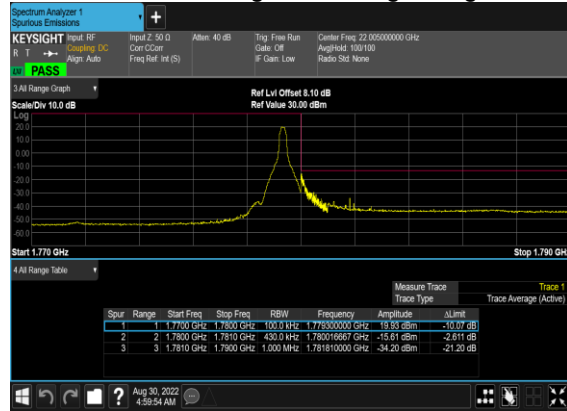
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



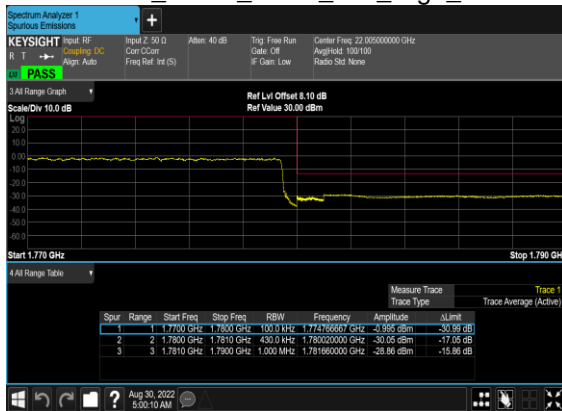
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



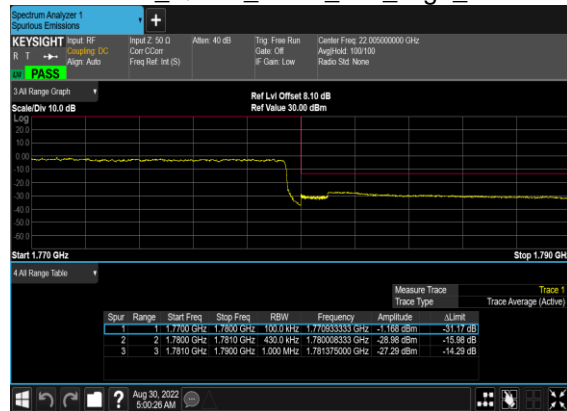
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N66(ANT5)-PA2

Transmitter Conducted Output Power and EIRP, (G_T-L_C)=-3.82dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	24.62	20.8	0.1202
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	23.58	19.76	0.0946
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@1	24.44	20.62	0.1153
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.44	19.62	0.0916
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	24.52	20.7	0.1175
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	23.3	19.48	0.0887
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	24.59	20.77	0.1194
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	23.58	19.76	0.0946
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	24.44	20.62	0.1153
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.38	19.56	0.0904
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	24.52	20.7	0.1175
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	23.52	19.7	0.0933
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	24.69	20.87	0.1222
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.63	19.81	0.0957
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	24.62	20.8	0.1202
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.55	19.73	0.0940
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	24.62	20.8	0.1202
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.58	19.76	0.0946
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	24.7	20.88	0.1225
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	23.63	19.81	0.0957
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	24.61	20.79	0.1199
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.61	19.79	0.0953
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	24.65	20.83	0.1211
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	23.62	19.8	0.0955
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	24.91	21.09	0.1285
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	23.92	20.1	0.1023
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	24.73	20.91	0.1233
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.87	20.05	0.1012
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	25.08	21.26	0.1337
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	24.13	20.31	0.1074
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	108@54	24.92	21.1	0.1288
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@1	24.76	20.94	0.1242
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@214	24.86	21.04	0.1271
66	15	40	426000	1730	DFT-s-OFDM QPSK	108@54	24.51	20.69	0.1172
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@1	24.86	21.04	0.1271
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@214	24.91	21.09	0.1285

66	15	40	426000	1730	DFT-s-OFDM 16 QAM	108@54	23.37	19.55	0.0902
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@1	23.86	20.04	0.1009
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@214	24	20.18	0.1042
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	108@54	21.94	18.12	0.0649
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@1	22.28	18.46	0.0701
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@214	22.49	18.67	0.0736
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	108@54	20.39	16.57	0.0454
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@1	19.96	16.14	0.0411
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@214	20.32	16.5	0.0447
66	15	40	426000	1730	CP-OFDM QPSK	108@54	22.82	19	0.0794
66	15	40	426000	1730	CP-OFDM QPSK	1@1	23.32	19.5	0.0891
66	15	40	426000	1730	CP-OFDM QPSK	1@214	23.45	19.63	0.0918
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	108@54	24.94	21.12	0.1294
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.67	20.85	0.1216
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@214	24.94	21.12	0.1294
66	15	40	429000	1745	DFT-s-OFDM QPSK	108@54	24.82	21	0.1259
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@1	24.09	20.27	0.1064
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@214	24.09	20.27	0.1064
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	108@54	23.85	20.03	0.1007
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.35	19.53	0.0897
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@214	23.35	19.53	0.0897
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	108@54	22.46	18.64	0.0731
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.91	18.09	0.0644
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@214	21.97	18.15	0.0653
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	108@54	20.69	16.87	0.0486
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@1	20.05	16.23	0.0420
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@214	20.28	16.46	0.0443
66	15	40	429000	1745	CP-OFDM QPSK	108@54	23.44	19.62	0.0916
66	15	40	429000	1745	CP-OFDM QPSK	1@1	23.36	19.54	0.0899
66	15	40	429000	1745	CP-OFDM QPSK	1@214	23.34	19.52	0.0895
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	108@54	24.95	21.13	0.1297
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@1	24.86	21.04	0.1271
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@214	24.81	20.99	0.1256
66	15	40	432000	1760	DFT-s-OFDM QPSK	108@54	25.21	21.39	0.1377
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@1	24.94	21.12	0.1294
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@214	23.58	19.76	0.0946
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	108@54	23.95	20.13	0.1030
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@1	23.98	20.16	0.1038
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@214	22.76	18.94	0.0783
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	108@54	22.54	18.72	0.0745
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@1	22.52	18.7	0.0741
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@214	21.33	17.51	0.0564
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	108@54	20.43	16.61	0.0458
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@1	20.12	16.3	0.0427

66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@214	19.62	15.8	0.0380
66	15	40	432000	1760	CP-OFDM QPSK	108@54	23.42	19.6	0.0912
66	15	40	432000	1760	CP-OFDM QPSK	1@1	23.41	19.59	0.0910
66	15	40	432000	1760	CP-OFDM QPSK	1@214	22.27	18.45	0.0700

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0047	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0058	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0065	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0040	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0045	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	0.0066	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	4.35	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	3.98	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	5.36	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	5.49	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.19	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.25	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	5.41	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	5.56	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	4.49	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	4.36	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	5.56	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	5.58	13	PASS

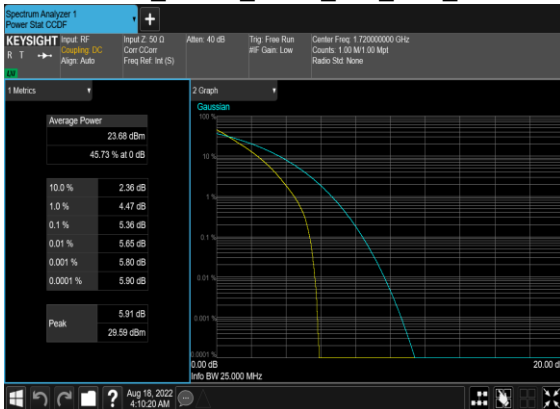
N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



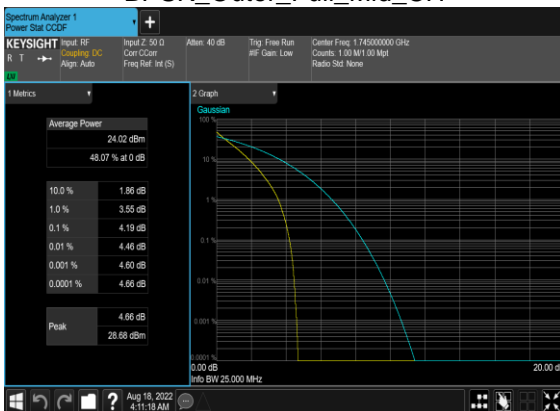
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

