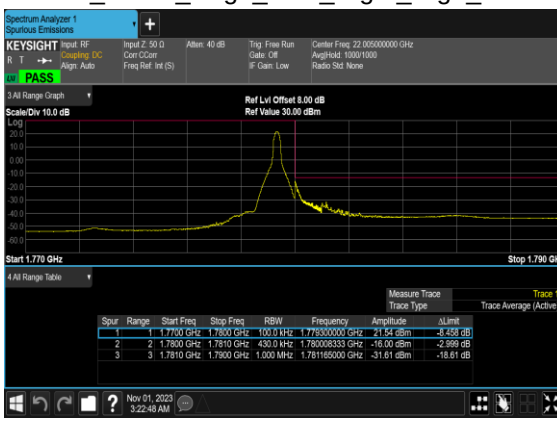
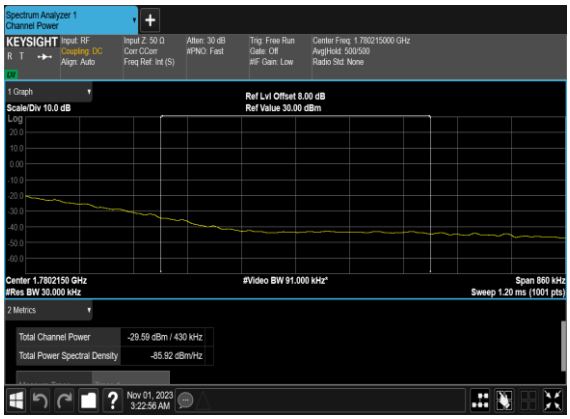
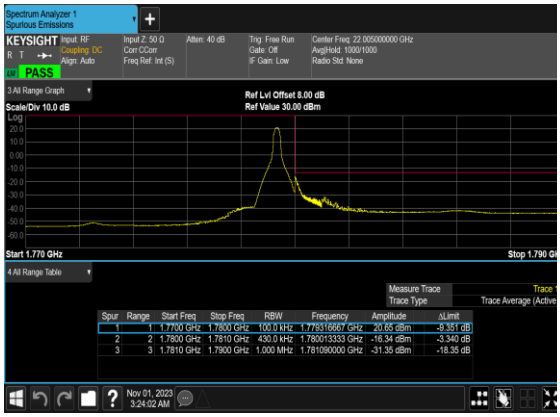
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



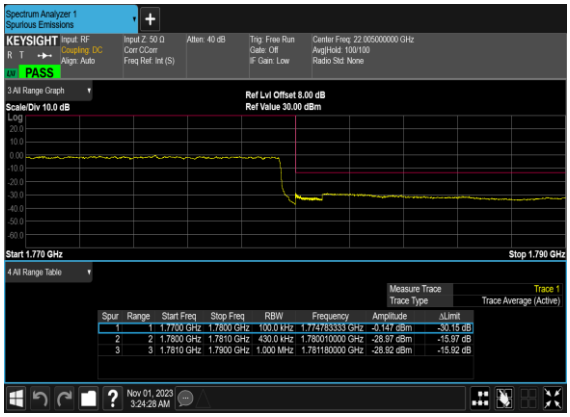
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



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

Note: “CHP” means channel power integration method.

Software Version: 23.06.1602

FR1 N66(ANT7_Other PA)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-5.8dB

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	22.54	16.74	0.0472
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.68	15.88	0.0387
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.63	16.83	0.0482
66	15	5	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.78	15.98	0.0396
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	22.63	16.83	0.0482
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.79	15.99	0.0397
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@1	22.78	16.98	0.0499
66	15	10	343000	1715.0	DFT-s-OFDM 16 QAM	1@1	21.78	15.98	0.0396
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.71	16.91	0.0491
66	15	10	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.68	15.88	0.0387
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@1	22.68	16.88	0.0488
66	15	10	355000	1775.0	DFT-s-OFDM 16 QAM	1@1	21.81	16.01	0.0399
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	22.86	17.06	0.0508
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.72	15.92	0.0391
66	15	15	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.71	16.91	0.0491
66	15	15	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.76	15.96	0.0394
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	22.69	16.89	0.0489
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.66	15.86	0.0385
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@1	22.73	16.93	0.0493
66	15	20	344000	1720.0	DFT-s-OFDM 16 QAM	1@1	21.59	15.79	0.0379
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.56	16.76	0.0474
66	15	20	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.68	15.88	0.0387

66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@1	22.59	16.79	0.0478
66	15	20	354000	1770.0	DFT-s-OFDM 16 QAM	1@1	21.53	15.73	0.0374
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	22.89	17.09	0.0512
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.85	16.05	0.0403
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.9	17.1	0.0513
66	15	25	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.9	16.1	0.0407
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	22.78	16.98	0.0499
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.83	16.03	0.0401
66	15	30	345000	1725.0	DFT-s-OFDM QPSK	1@1	22.88	17.08	0.0511
66	15	30	345000	1725.0	DFT-s-OFDM 16 QAM	1@1	21.83	16.03	0.0401
66	15	30	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.87	17.07	0.0509
66	15	30	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.83	16.03	0.0401
66	15	30	353000	1765.0	DFT-s-OFDM QPSK	1@1	22.8	17	0.0501
66	15	30	353000	1765.0	DFT-s-OFDM 16 QAM	1@1	21.77	15.97	0.0395
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	108@54	22.89	17.09	0.0512
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1@1	22.83	17.03	0.0505
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	1@214	22.85	17.05	0.0507
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	108@54	22.87	17.07	0.0509
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@1	22.91	17.11	0.0514
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@214	22.88	17.08	0.0511
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	108@54	21.77	15.97	0.0395
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	1@1	21.86	16.06	0.0404
66	15	40	346000	1730.0	DFT-s-OFDM 16 QAM	1@214	21.81	16.01	0.0399
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	108@54	20.29	14.49	0.0281
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	1@1	20.35	14.55	0.0285
66	15	40	346000	1730.0	DFT-s-OFDM 64 QAM	1@214	20.35	14.55	0.0285
66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	108@54	18.29	12.49	0.0177

66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	1@1	17.89	12.09	0.0162
66	15	40	346000	1730.0	DFT-s-OFDM 256 QAM	1@214	17.96	12.16	0.0164
66	15	40	346000	1730.0	CP-OFDM QPSK	108@54	21.38	15.58	0.0361
66	15	40	346000	1730.0	CP-OFDM QPSK	1@1	21.51	15.71	0.0372
66	15	40	346000	1730.0	CP-OFDM QPSK	1@214	21.53	15.73	0.0374
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	108@54	22.86	17.06	0.0508
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@1	22.81	17.01	0.0502
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@214	22.81	17.01	0.0502
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	108@54	22.83	17.03	0.0505
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@1	22.37	16.57	0.0454
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@214	22.81	17.01	0.0502
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	108@54	21.75	15.95	0.0394
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	1@1	21.58	15.78	0.0378
66	15	40	349000	1745.0	DFT-s-OFDM 16 QAM	1@214	21.89	16.09	0.0406
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	108@54	20.16	14.36	0.0273
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	1@1	20.09	14.29	0.0269
66	15	40	349000	1745.0	DFT-s-OFDM 64 QAM	1@214	20.33	14.53	0.0284
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	108@54	18.11	12.31	0.0170
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	1@1	17.95	12.15	0.0164
66	15	40	349000	1745.0	DFT-s-OFDM 256 QAM	1@214	17.89	12.09	0.0162
66	15	40	349000	1745.0	CP-OFDM QPSK	108@54	21.27	15.47	0.0352
66	15	40	349000	1745.0	CP-OFDM QPSK	1@1	21.21	15.41	0.0348
66	15	40	349000	1745.0	CP-OFDM QPSK	1@214	21.21	15.41	0.0348
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	108@54	22.77	16.97	0.0498
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	1@1	22.79	16.99	0.0500
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	1@214	22.79	16.99	0.0500
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	108@54	22.77	16.97	0.0498

66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@1	22.81	17.01	0.0502
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@214	22.44	16.64	0.0461
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	108@54	21.71	15.91	0.0390
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	1@1	21.87	16.07	0.0405
66	15	40	352000	1760.0	DFT-s-OFDM 16 QAM	1@214	21.69	15.89	0.0388
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	108@54	20.21	14.41	0.0276
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	1@1	20.25	14.45	0.0279
66	15	40	352000	1760.0	DFT-s-OFDM 64 QAM	1@214	20.19	14.39	0.0275
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	108@54	18.21	12.41	0.0174
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	1@1	17.84	12.04	0.0160
66	15	40	352000	1760.0	DFT-s-OFDM 256 QAM	1@214	17.9	12.1	0.0162
66	15	40	352000	1760.0	CP-OFDM QPSK	108@54	21.39	15.59	0.0362
66	15	40	352000	1760.0	CP-OFDM QPSK	1@1	21.44	15.64	0.0366
66	15	40	352000	1760.0	CP-OFDM QPSK	1@214	21.17	15.37	0.0344

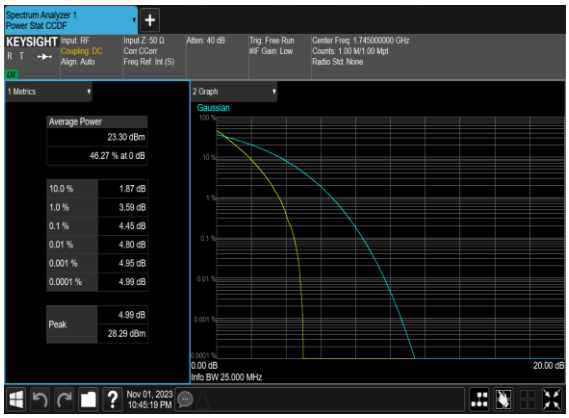
Frequency Stability

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	0.0051	**PASS**	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0067	**PASS**	-10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	0℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	10℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0051	**PASS**	20℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	30℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	**PASS**	40℃
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0062	**PASS**	50℃

Peak to Average Ratio

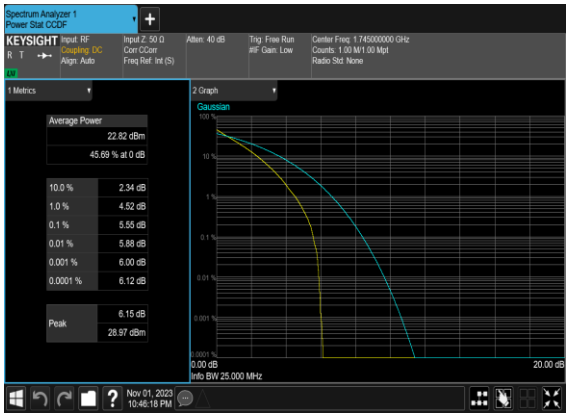
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.45	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.72	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.55	13	**PASS**
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	6.18	13	**PASS**

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

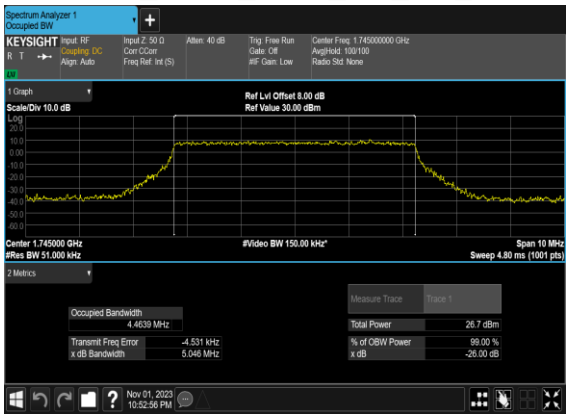


N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

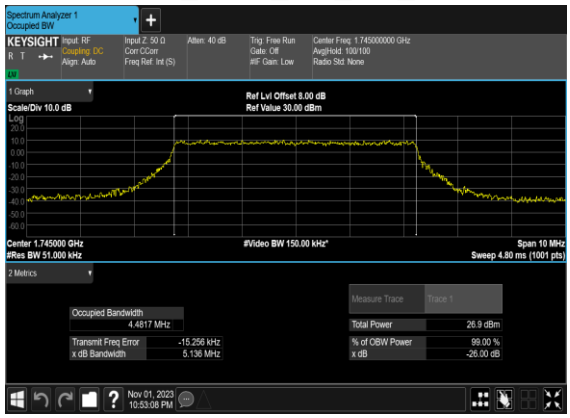
Occupied Bandwidth

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	4.4639	5.046
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4817	5.136
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4581	4.951
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4714	5.012
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2693	9.967
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2806	9.983
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2416	9.773
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.275	9.903
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.074	14.86
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.074	14.9
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.102	14.93
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.081	14.96
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.874	19.82
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.896	19.83
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.888	19.77
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.875	19.91
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.689	24.74
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.692	24.75
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.69	24.7
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.733	24.69
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.514	29.63
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.442	29.59
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.515	29.66
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.463	29.56
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.523	40.0
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.486	39.87
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.544	39.93
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.506	39.87

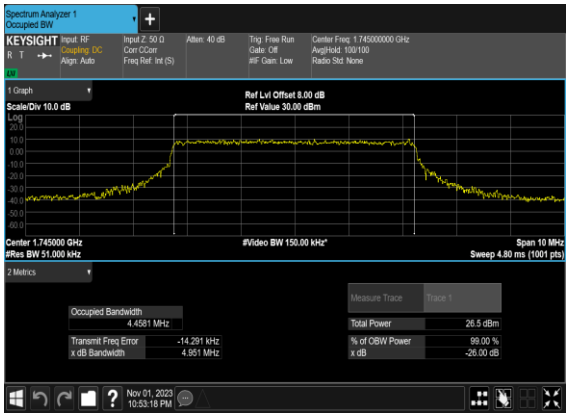
N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

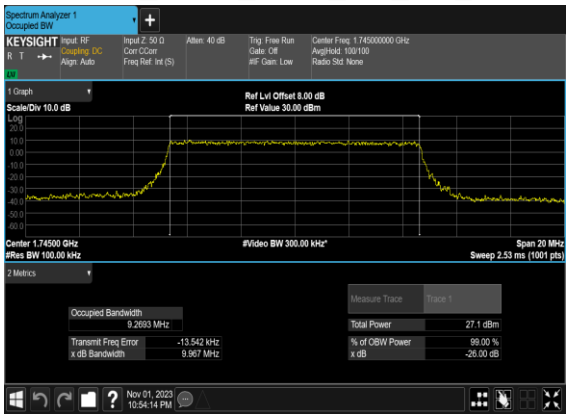


N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

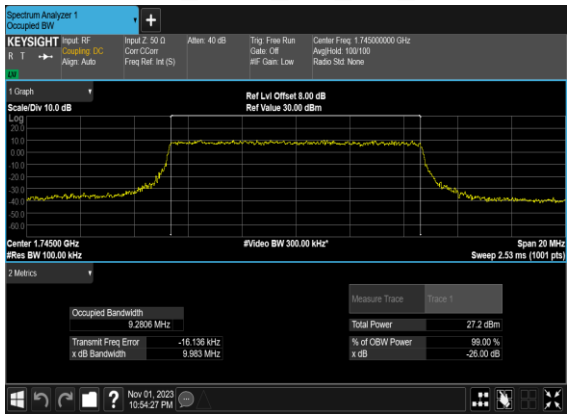


N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

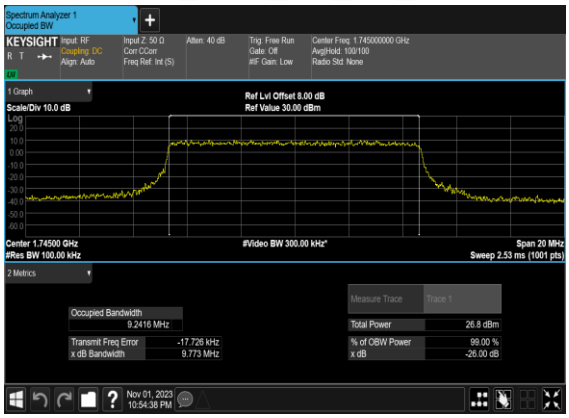
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

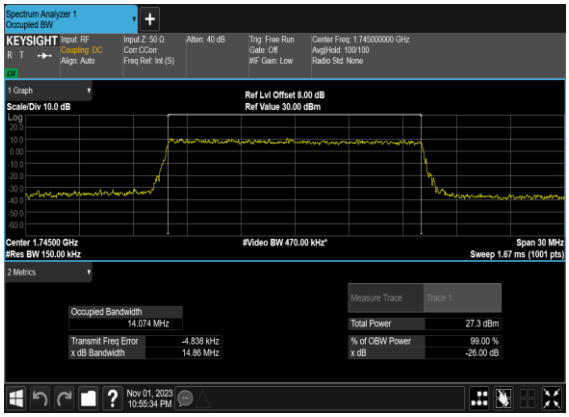


N66(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

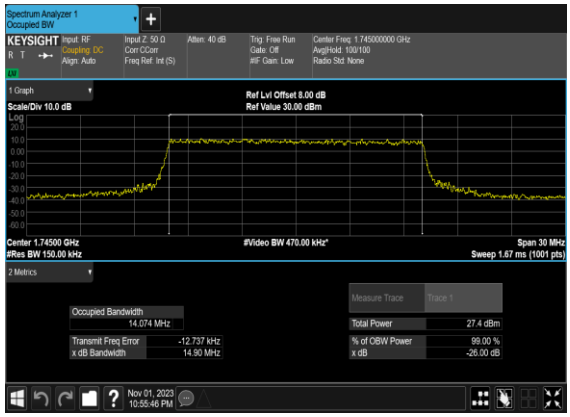


N66(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N66(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

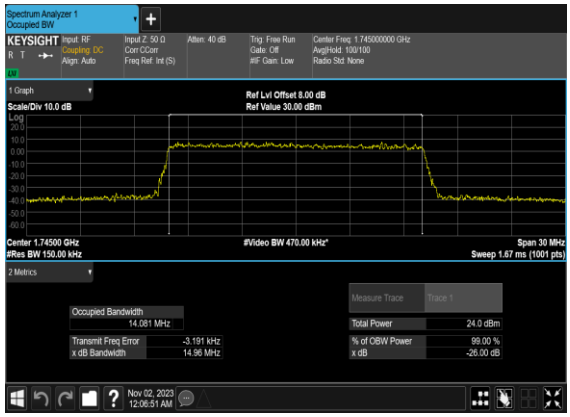


N66(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

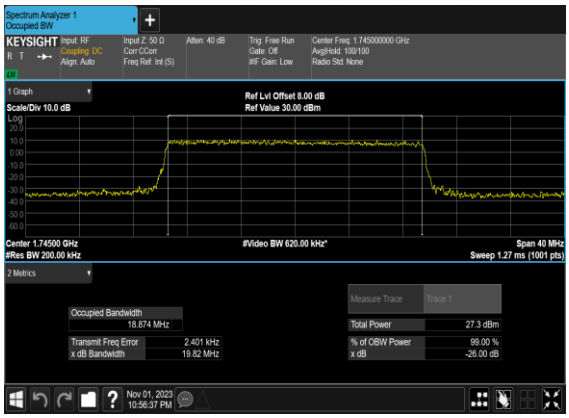


N66(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

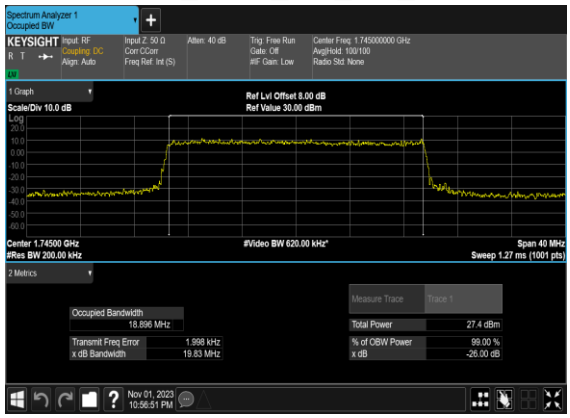
N66(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



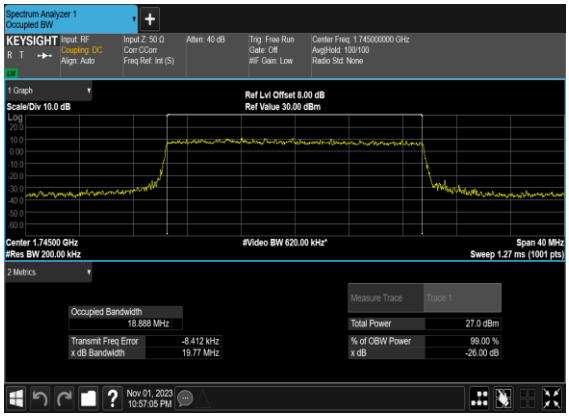
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



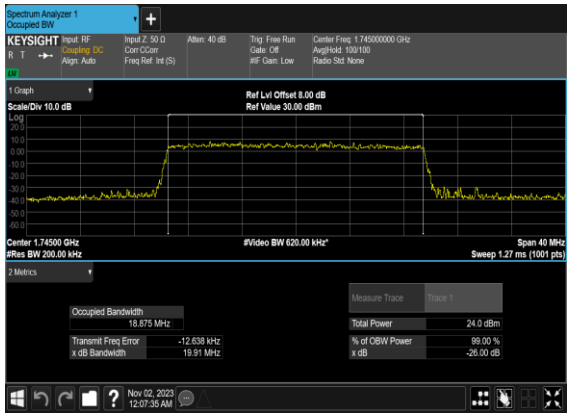
N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

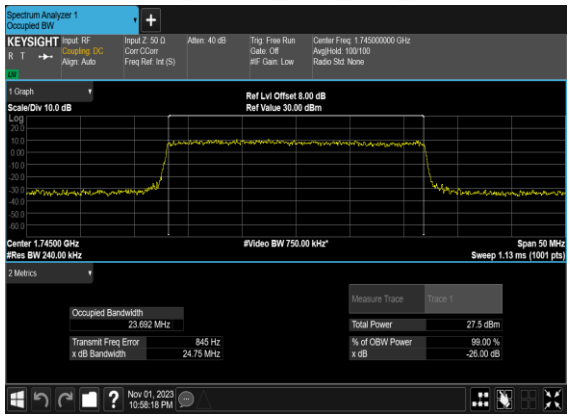


N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

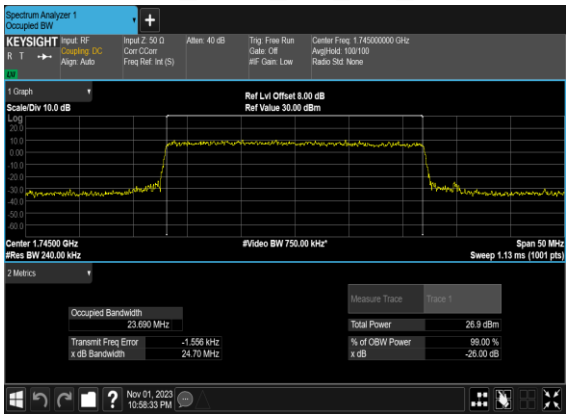


N66(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

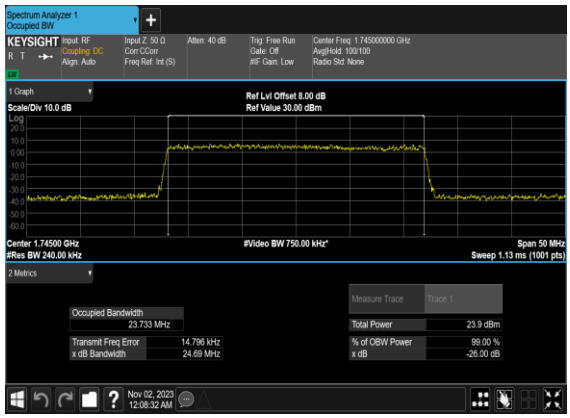
N66(25M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

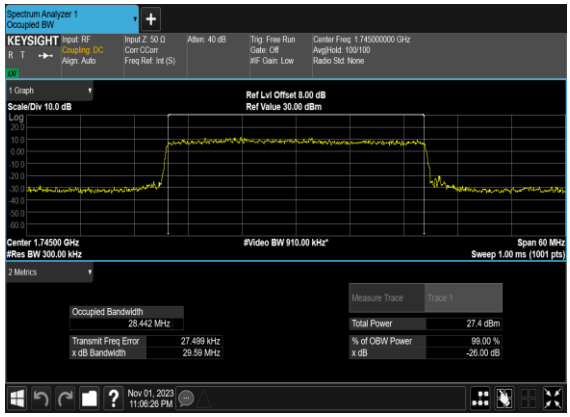


N66(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

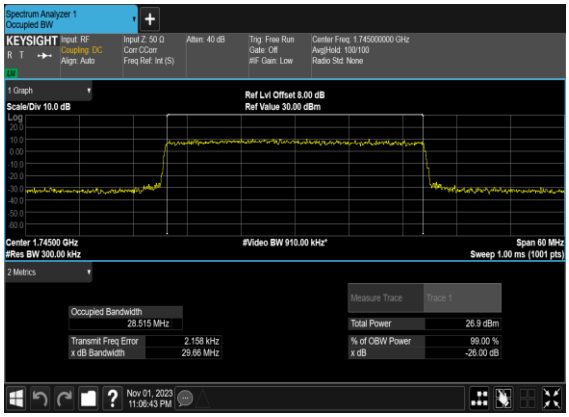


N66(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

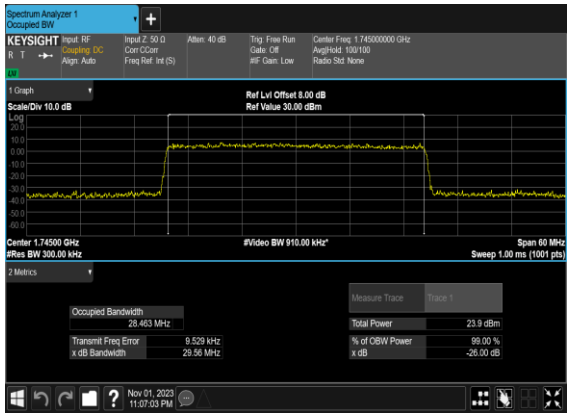
N66(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



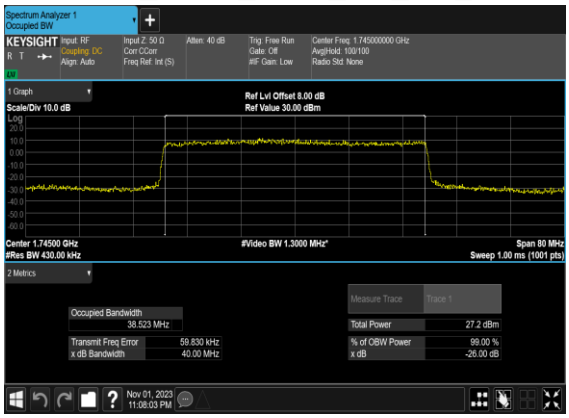
N66(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



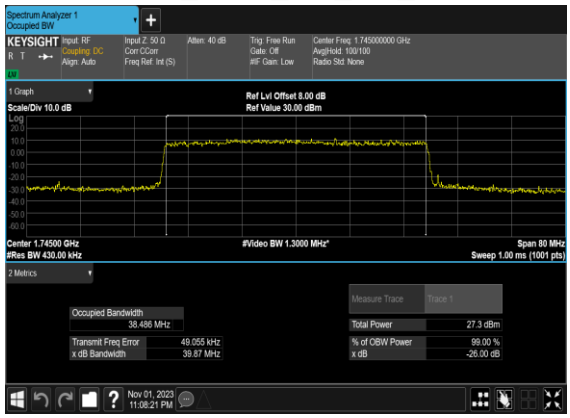
N66(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



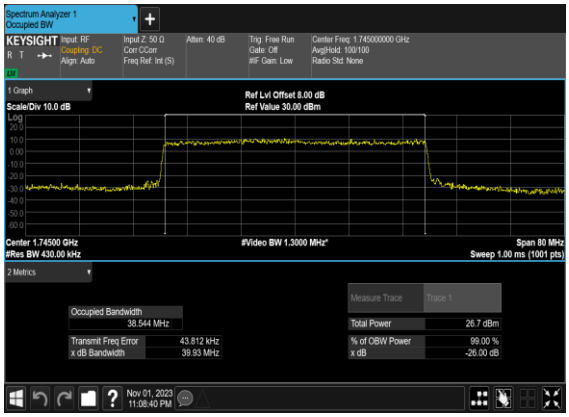
N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



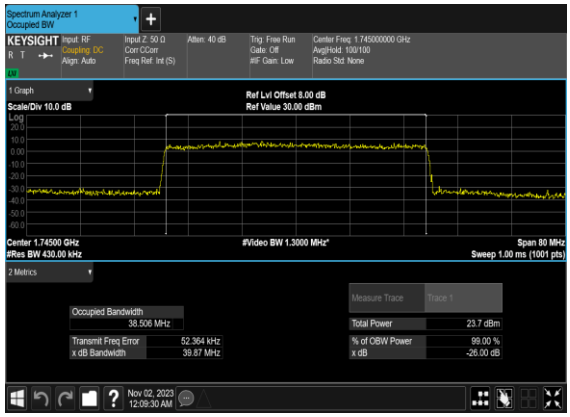
N66(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

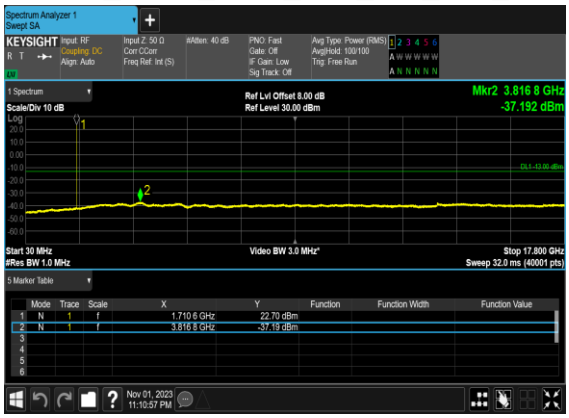


Conducted Spurious Emissions

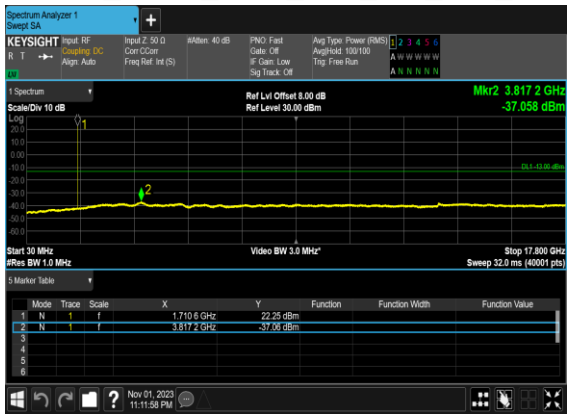
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	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**

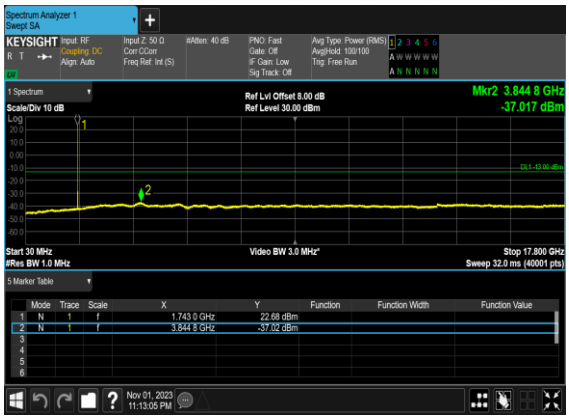
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



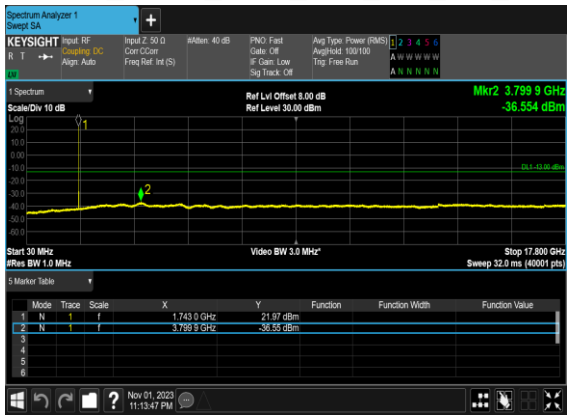
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



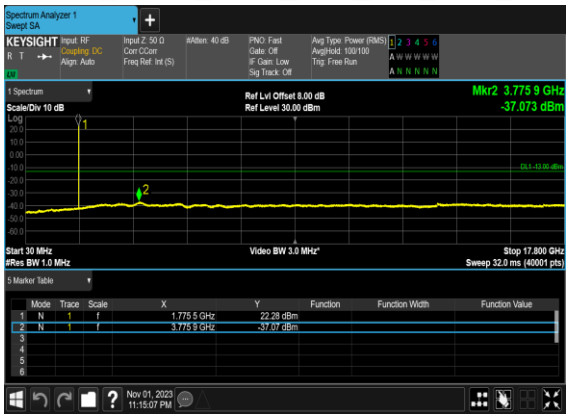
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



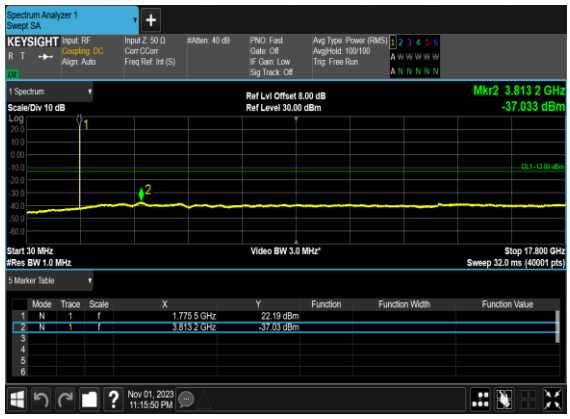
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



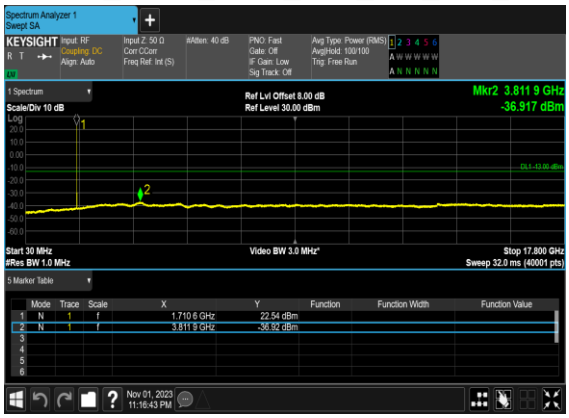
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



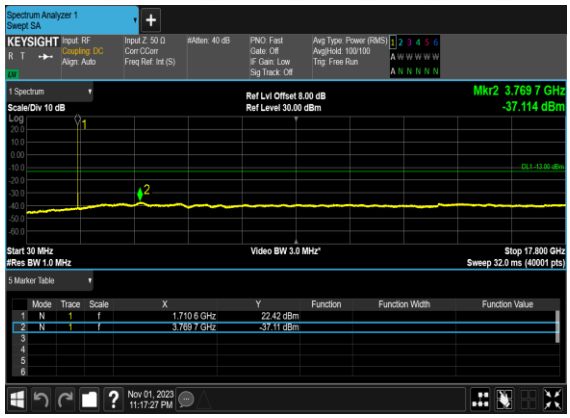
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



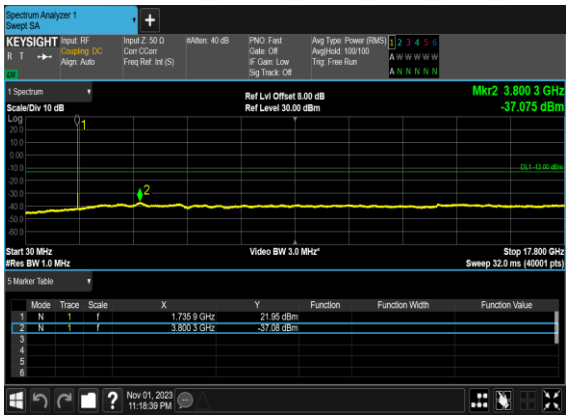
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



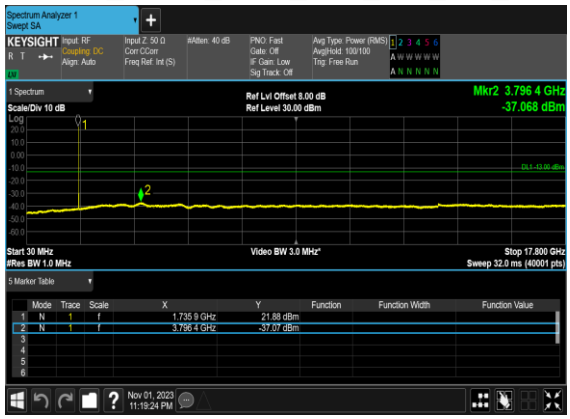
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



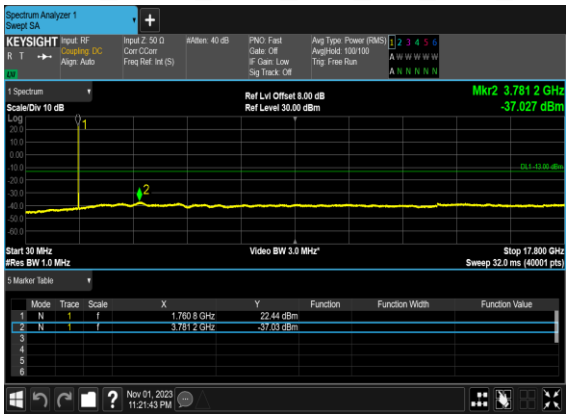
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



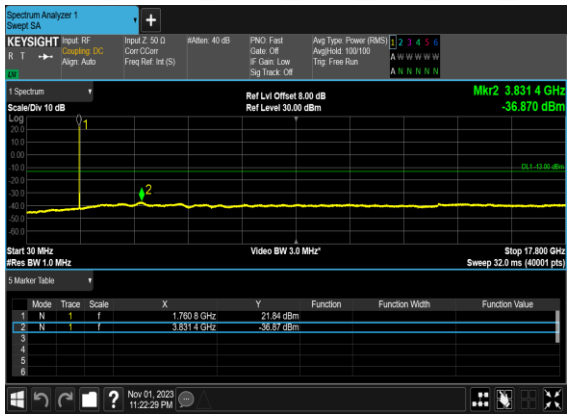
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



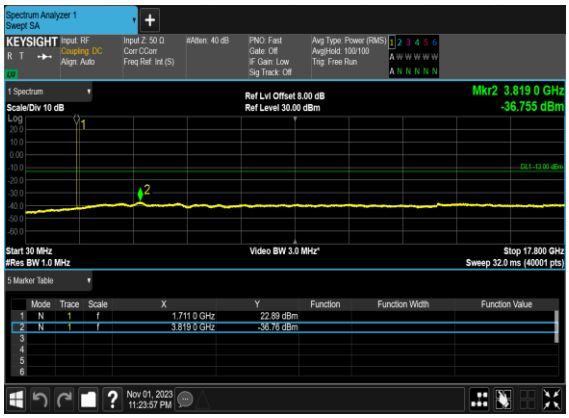
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



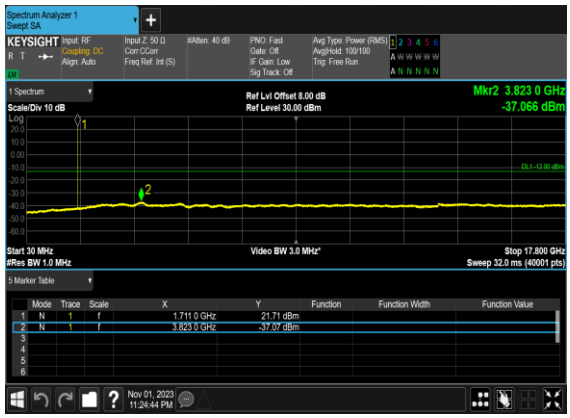
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



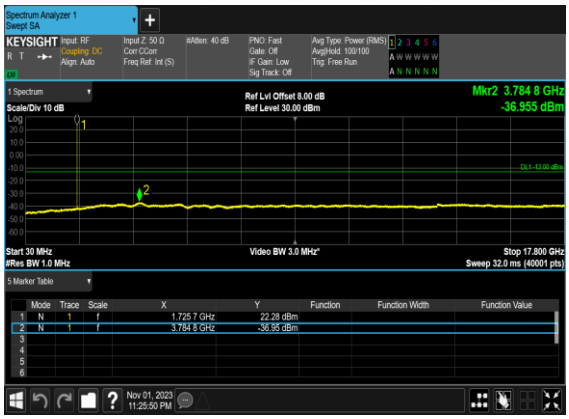
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



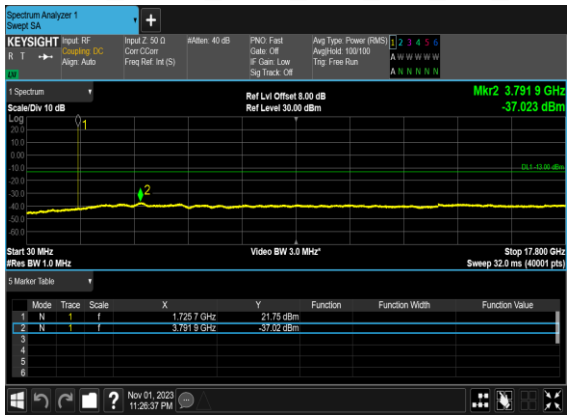
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



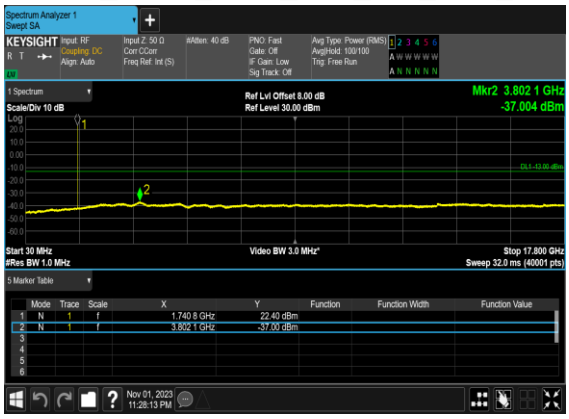
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



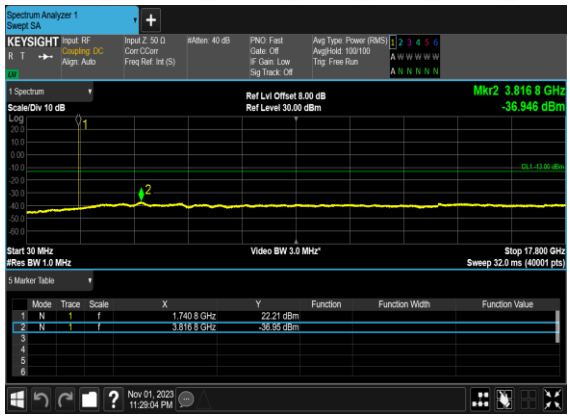
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



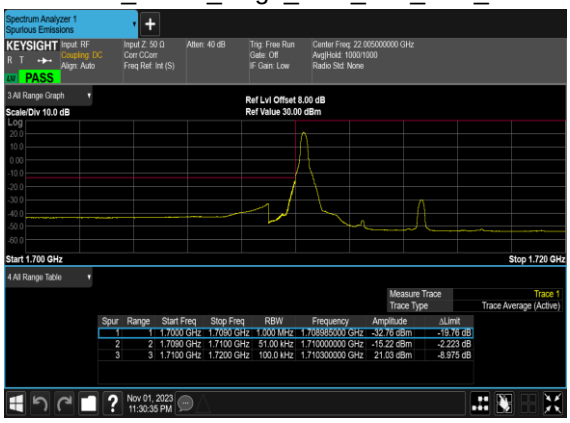
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



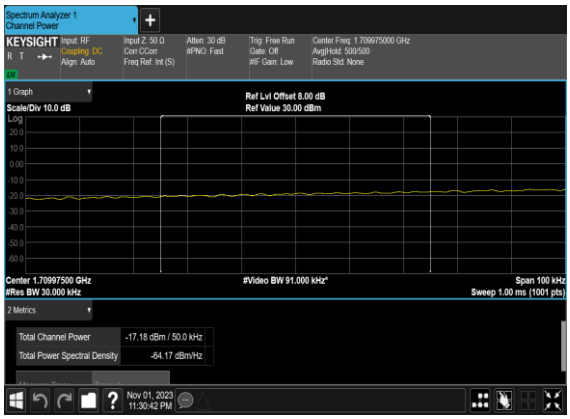
Conducted Band Edge

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**

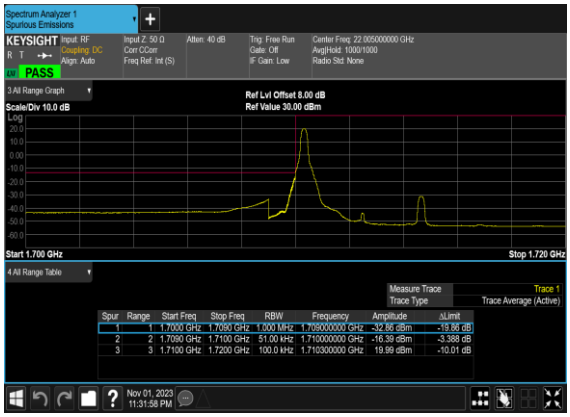
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



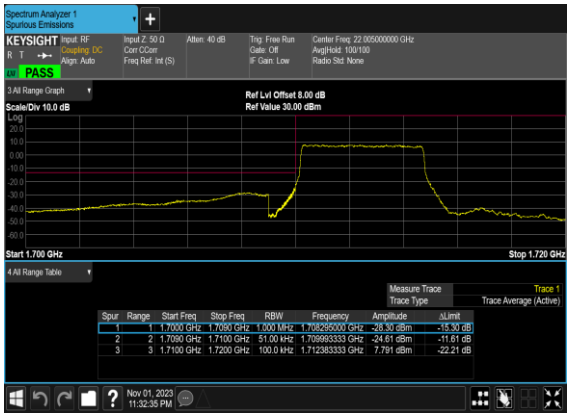
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

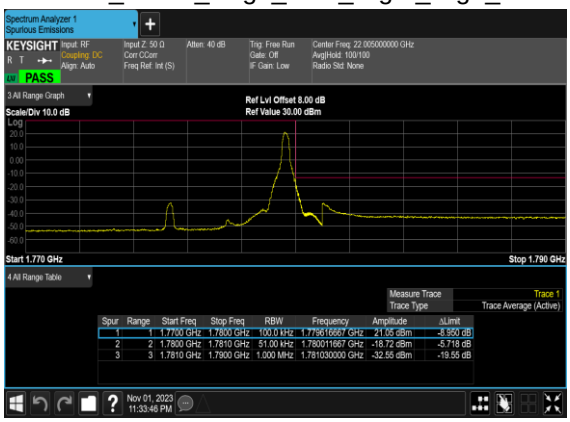


N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

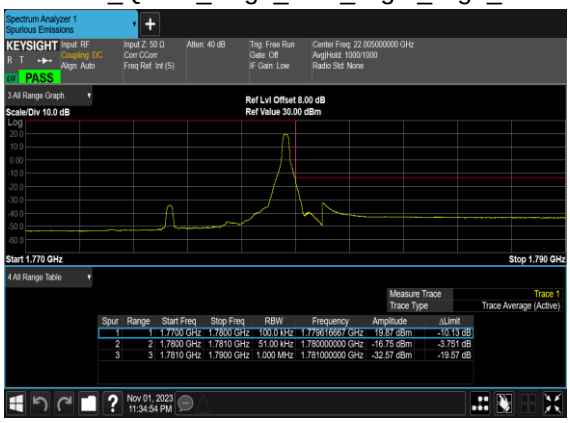


N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

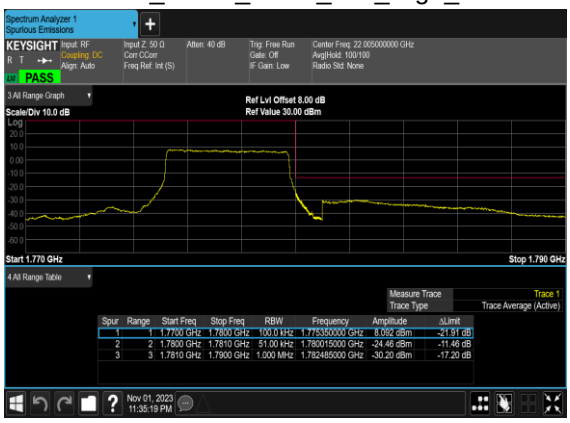
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



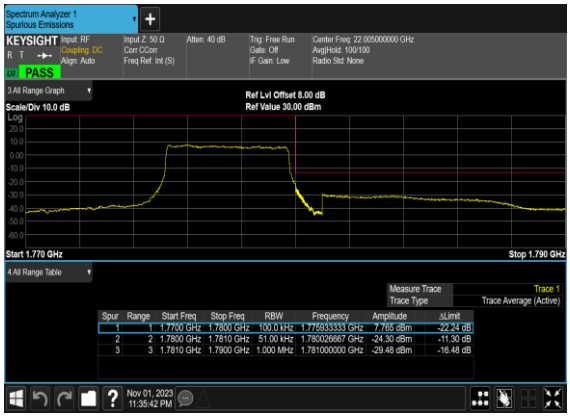
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



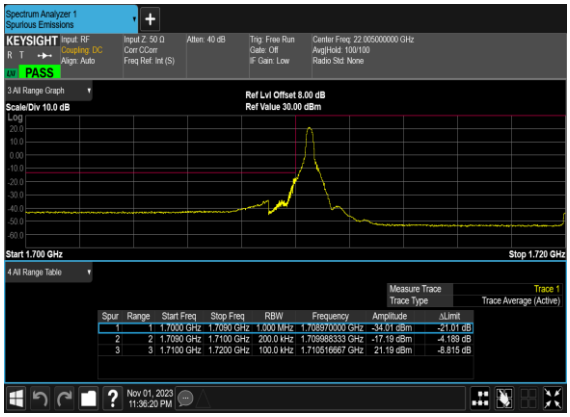
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



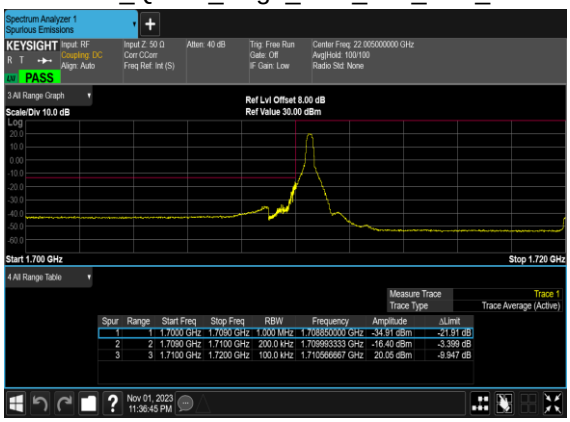
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



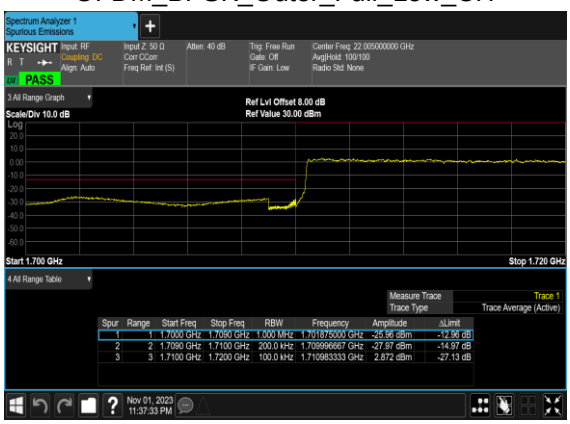
N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



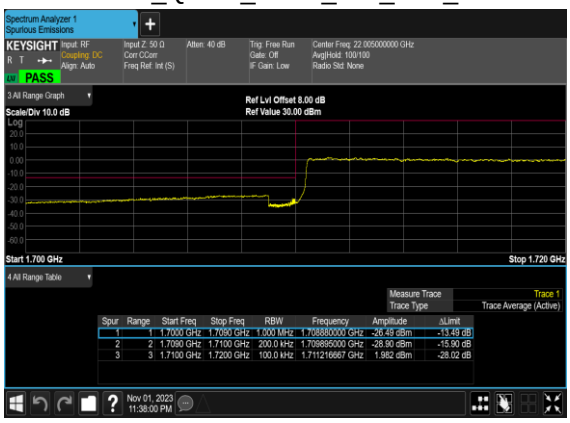
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



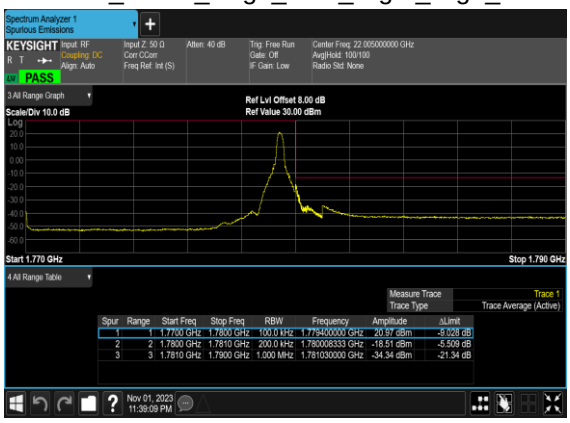
N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



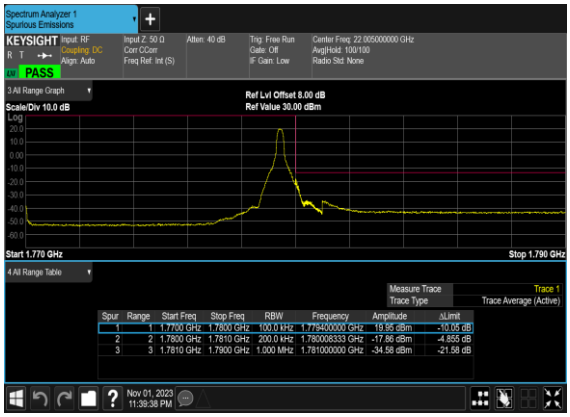
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

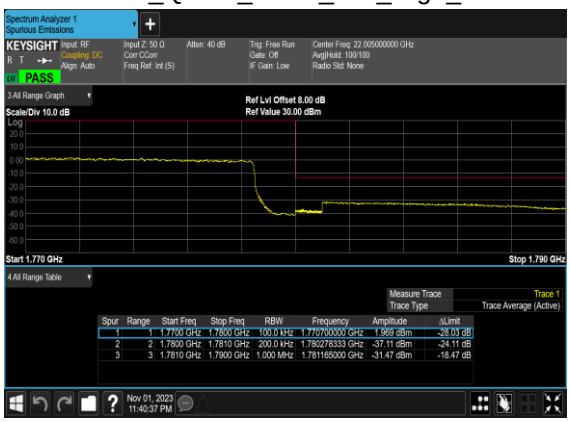


N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

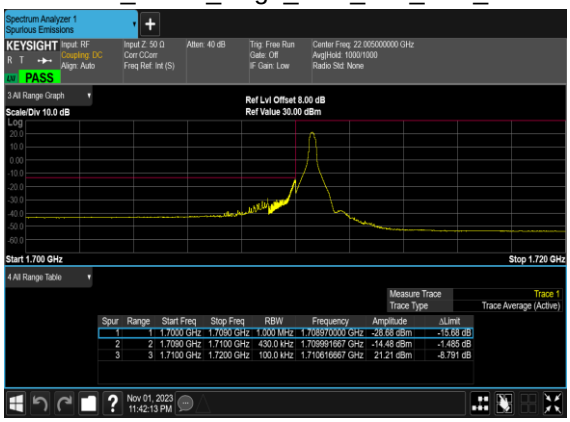


N66(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

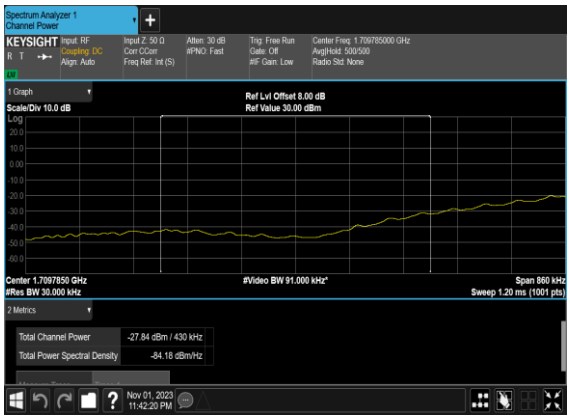
N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



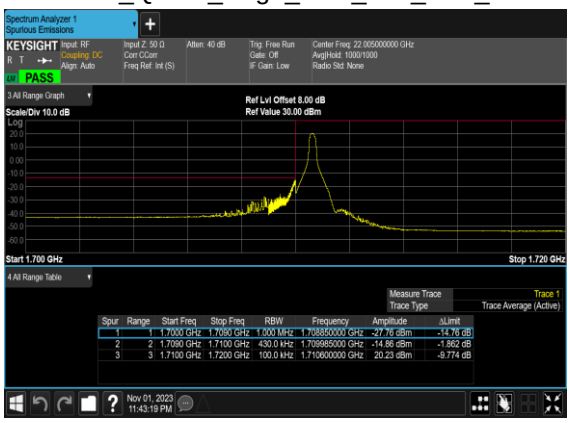
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



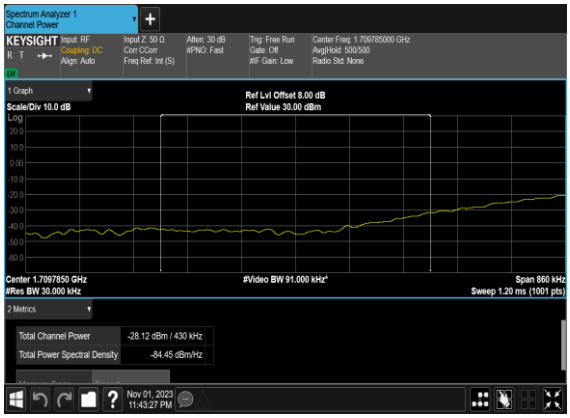
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



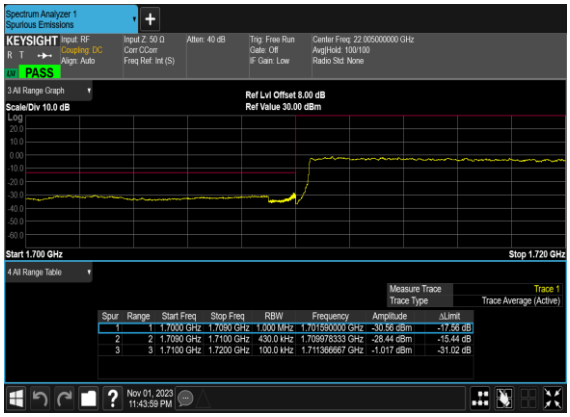
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



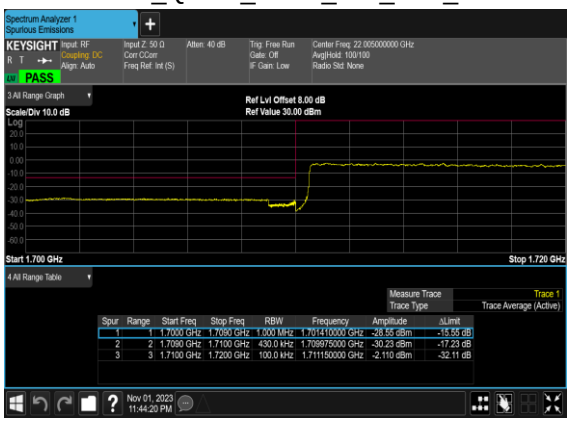
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



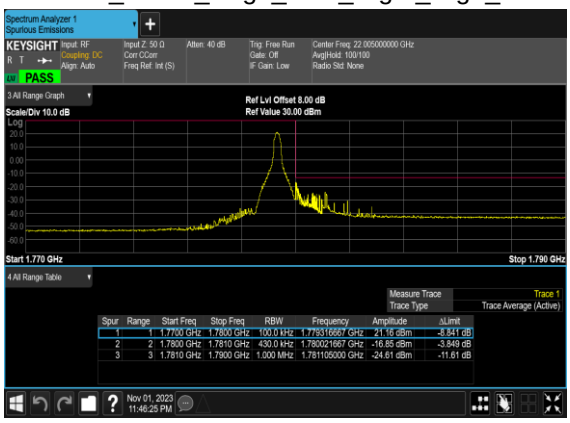
N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



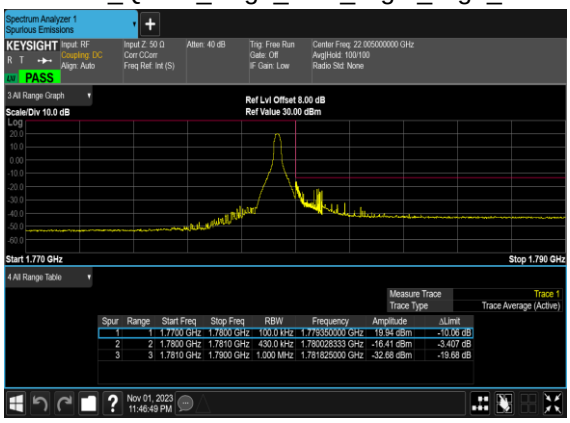
N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



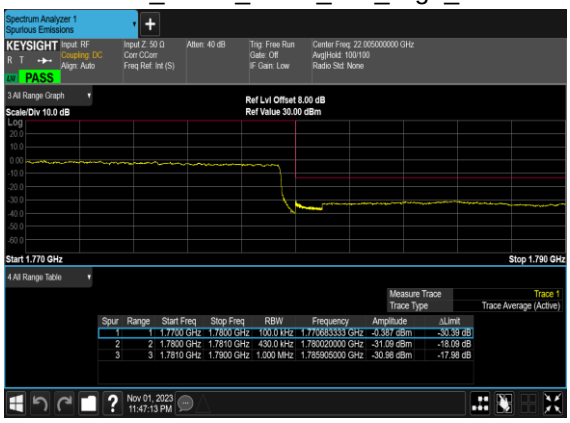
N66(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



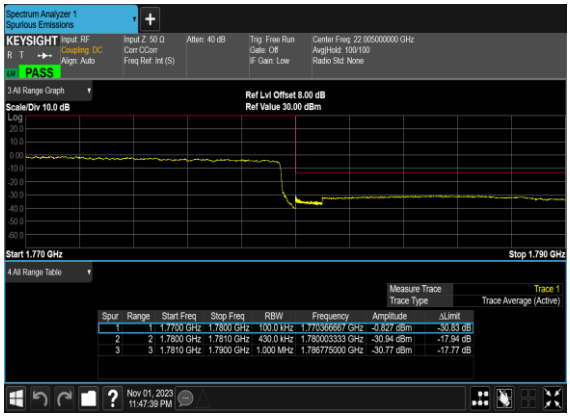
N66(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Note “CHP” means channel power integration method.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Qingsheng He	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n25 SA / NR 40MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726.6	-55.69	-13	-42.69	-69.44	-62.44	5.85	12.60	H
	5589.9	-40.22	-13	-27.22	-56.62	-46.02	7.30	13.10	H
	7453.2	-57.84	-13	-44.84	-79.27	-60.99	8.35	11.50	H
	3726.6	-53.59	-13	-40.59	-67.59	-60.34	5.85	12.60	V
	5589.9	-40.13	-13	-27.13	-56.49	-45.93	7.30	13.10	V
	7453.2	-57.60	-13	-44.60	-79	-60.75	8.35	11.50	V

EN-DC_12A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT0+1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Middle	3726.6	-63.03	-13	-50.03	-76.78	-69.78	5.85	12.60	H
	5589.9	-60.00	-13	-47.00	-76.40	-65.80	7.30	13.10	H
	7453.2	-57.33	-13	-44.33	-78.76	-60.48	8.35	11.50	H
	3726.6	-62.82	-13	-49.82	-76.82	-69.57	5.85	12.60	V
	5589.9	-60.32	-13	-47.32	-76.68	-66.12	7.30	13.10	V
	7453.2	-57.27	-13	-44.27	-78.67	-60.42	8.35	11.50	V
LTE Ban12 Middle	1406	-65.53	-13	-52.53	-72.44	-68.78	4.00	9.40	H
	2109	-63.21	-13	-50.21	-71.75	-66.78	4.88	10.60	H
	2812	-64.55	-13	-51.55	-75.33	-69.48	5.52	12.60	H
	1406	-65.76	-13	-52.76	-72.75	-69.01	4.00	9.40	V
	2109	-62.81	-13	-49.81	-71.72	-66.38	4.88	10.60	V
	2812	-63.74	-13	-50.74	-74.76	-68.67	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n25 SA / NR 40MHz / QPSK(ANT7) / other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726.6	-59.32	-13	-46.32	-73.07	-66.07	5.85	12.60	H
	5589.9	-40.45	-13	-27.45	-56.85	-46.25	7.30	13.10	H
	7453.2	-57.95	-13	-44.95	-79.38	-61.10	8.35	11.50	H
	3726.6	-56.90	-13	-43.90	-70.9	-63.65	5.85	12.60	V
	5589.9	-40.77	-13	-27.77	-57.13	-46.57	7.30	13.10	V
	7453.2	-58.02	-13	-45.02	-79.42	-61.17	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_66A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT1+7) / other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Middle	3726.6	-62.59	-13	-49.59	-76.34	-69.34	5.85	12.60	H
	5589.9	-60.20	-13	-47.20	-76.60	-66.00	7.30	13.10	H
	7453.2	-57.61	-13	-44.61	-79.04	-60.76	8.35	11.50	H
	3726.6	-61.96	-13	-48.96	-75.96	-68.71	5.85	12.60	V
	5589.9	-60.43	-13	-47.43	-76.79	-66.23	7.30	13.10	V
	7453.2	-57.82	-13	-44.82	-79.22	-60.97	8.35	11.50	V
LTE Ban66 Middle	3481	-56.56	-13	-43.56	-68.78	-63.41	5.65	12.50	H
	5221.5	-40.04	-13	-27.04	-56.04	-45.71	7.13	12.80	H
	6962	-59.32	-13	-46.32	-79.33	-62.72	8.40	11.80	H
	3481	-57.04	-13	-44.04	-69.8	-63.89	5.65	12.50	V
	5221.5	-46.40	-13	-33.40	-62.35	-52.07	7.13	12.80	V
	6962	-59.52	-13	-46.52	-79.63	-62.92	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n26 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654.2	-67.24	-13	-54.24	-72.24	-70.49	4.00	9.40	H
	2481.3	-65.74	-13	-52.74	-74.76	-69.31	4.88	10.60	H
	3308.4	-64.38	-13	-51.38	-75.83	-69.31	5.52	12.60	H
	1654.2	-67.65	-13	-54.65	-72.50	-70.90	4.00	9.40	V
	2481.3	-65.46	-13	-52.46	-74.84	-69.03	4.88	10.60	V
	3308.4	-63.99	-13	-50.99	-75.88	-68.92	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_30A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT1+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Middle	1654.5	-68.69	-13	-55.69	-73.69	-71.94	4.00	9.40	H
	2481.75	-65.60	-13	-52.60	-74.62	-69.17	4.88	10.60	H
	3309	-64.42	-13	-51.42	-75.86	-69.35	5.52	12.60	H
	1654.5	-68.48	-13	-55.48	-73.33	-71.73	4.00	9.40	V
	2481.75	-65.29	-13	-52.29	-74.67	-68.86	4.88	10.60	V
	3309	-63.82	-13	-50.82	-75.70	-68.75	5.52	12.60	V
LTE Ban30 Middle	4611.50	-63.93	-40	-23.93	-56.72	-70.18	6.45	12.70	H
	6916.50	-42.39	-40	-2.39	-37.78	-45.79	8.40	11.80	H
	9222.00	-55.14	-40	-15.14	-56.22	-57.49	9.65	12.00	H
	4611.50	-63.72	-40	-23.72	-56.36	-69.97	6.45	12.70	V
	6916.50	-46.21	-40	-6.21	-41.56	-49.61	8.40	11.80	V
	9222.00	-55.67	-40	-15.67	-56.33	-58.02	9.65	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

N66 SA / NR 40MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3452	-55.76	-13	-42.76	-67.63	-62.61	5.65	12.50	H
	5178	-38.69	-13	-25.69	-54.91	-44.36	7.13	12.80	H
	6904	-59.79	-13	-46.79	-79.54	-63.19	8.40	11.80	H
	3452	-55.80	-13	-42.80	-68.22	-62.65	5.65	12.50	V
	5178	-40.79	-13	-27.79	-56.95	-46.46	7.13	12.80	V
	6904	-59.84	-13	-46.84	-79.52	-63.24	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_5A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT0+1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Middle	3452	-63.88	-13	-50.88	-75.75	-70.73	5.65	12.50	H
	5178	-54.68	-13	-41.68	-70.90	-60.35	7.13	12.80	H
	6904	-58.45	-13	-45.45	-78.20	-61.85	8.40	11.80	H
	3452	-62.54	-13	-49.54	-74.96	-69.39	5.65	12.50	V
	5178	-56.62	-13	-43.62	-72.78	-62.29	7.13	12.80	V
	6904	-59.91	-13	-46.91	-79.59	-63.31	8.40	11.80	V
LTE Ban5 Middle	1406	-66.00	-13	-53.00	-72.91	-69.25	4.00	9.40	H
	2109	-65.94	-13	-52.94	-74.48	-69.51	4.88	10.60	H
	2812	-64.30	-13	-51.30	-75.08	-69.23	5.52	12.60	H
	1406	-65.63	-13	-52.63	-72.62	-68.88	4.00	9.40	V
	2109	-65.67	-13	-52.67	-74.58	-69.24	4.88	10.60	V
	2812	-64.22	-13	-51.22	-75.24	-69.15	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

N66 SA / NR 40MHz / QPSK(ANT7) / other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3452	-62.44	-13	-49.44	-74.31	-69.29	5.65	12.50	H
	5178	-42.51	-13	-29.51	-58.73	-48.18	7.13	12.80	H
	6904	-59.76	-13	-46.76	-79.51	-63.16	8.40	11.80	H
	3452	-61.06	-13	-48.06	-73.48	-67.91	5.65	12.50	V
	5178	-43.11	-13	-30.11	-59.27	-48.78	7.13	12.80	V
	6904	-59.87	-13	-46.87	-79.55	-63.27	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_30A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT1+7) / other PA									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Middle	3452	-65.25	-13	-52.25	-53.83	-72.10	5.65	12.50	H
	5178	-64.01	-13	-51.01	-56.58	-69.68	7.13	12.80	H
	6904	-61.57	-13	-48.57	-56.92	-64.97	8.40	11.80	H
	3452	-64.65	-13	-51.65	-53.78	-71.50	5.65	12.50	V
	5178	-63.89	-13	-50.89	-56.4	-69.56	7.13	12.80	V
	6904	-61.47	-13	-48.47	-56.75	-64.87	8.40	11.80	V
LTE Ban30 Middle	4611.50	-63.61	-40	-23.61	-56.40	-69.86	6.45	12.70	H
	6916.50	-42.38	-40	-2.38	-37.77	-45.78	8.40	11.80	H
	9222.00	-55.34	-40	-15.34	-56.42	-57.69	9.65	12.00	H
	4611.50	-63.36	-40	-23.36	-56	-69.61	6.45	12.70	V
	6916.50	-44.85	-40	-4.85	-40.2	-48.25	8.40	11.80	V
	9222.00	-55.67	-40	-15.67	-56.33	-58.02	9.65	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.