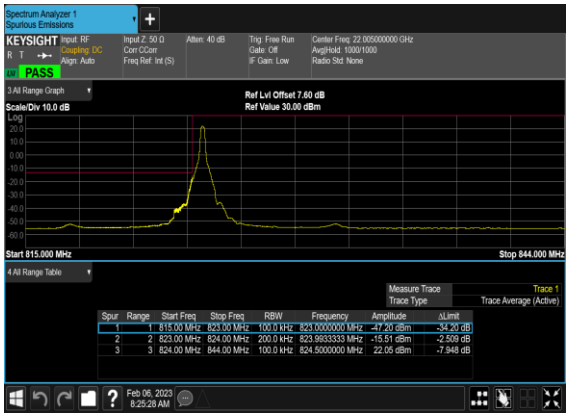
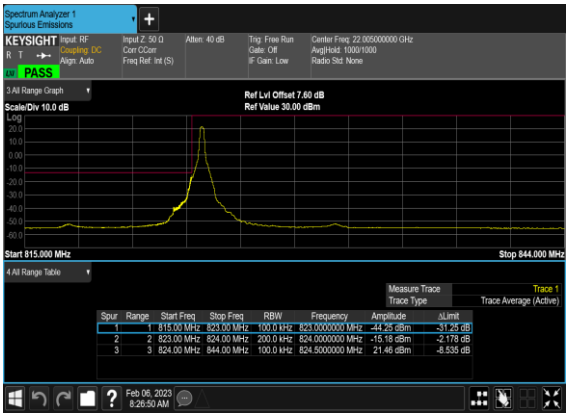
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

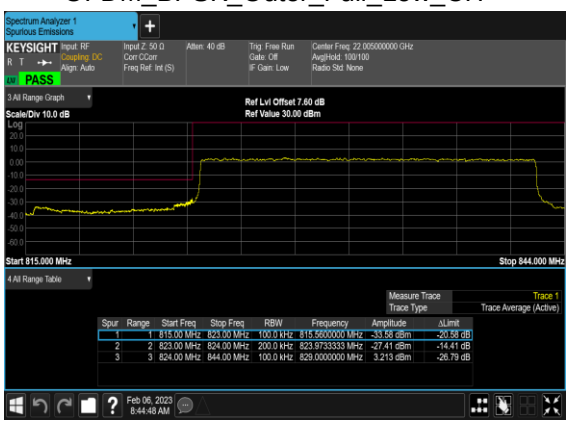
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

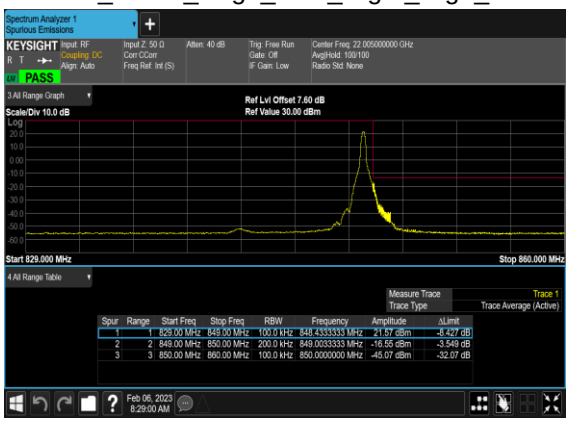


N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

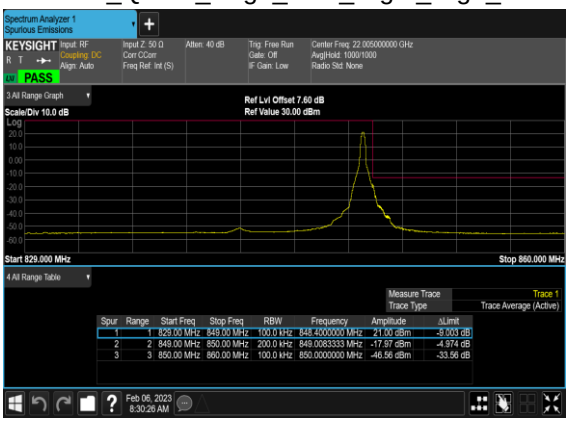


N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 22.12.120701

FR1 N71-Ant 0

Transmitter Conducted Output Power And ERP, (G_T - L_C)=-2.77dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	25.71	20.79	0.1199
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	24.57	19.65	0.0923
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	25.25	20.33	0.1079
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.14	19.22	0.0836
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.48	19.56	0.0904
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.25	18.33	0.0681
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	25.66	20.74	0.1186
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	24.56	19.64	0.0920
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	25.4	20.48	0.1117
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.39	19.47	0.0885
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.71	19.79	0.0953
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.58	18.66	0.0735
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	25.59	20.67	0.1167
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	24.53	19.61	0.0914
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	25.62	20.7	0.1175
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.49	19.57	0.0906
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	25.07	20.15	0.1035
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.93	19.01	0.0796
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	25.57	20.65	0.1161
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	25.43	20.51	0.1125
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	24.86	19.94	0.0986
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	25.55	20.63	0.1156
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	25.56	20.64	0.1159
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.97	20.05	0.1012
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	24.48	19.56	0.0904
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	24.52	19.6	0.0912
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	24	19.08	0.0809
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	23.07	18.15	0.0653

71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	23.08	18.16	0.0655
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	22.69	17.77	0.0598
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	23.04	18.12	0.0649
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	20.69	15.77	0.0378
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	20.33	15.41	0.0348
71	15	20	134600	673	CP-OFDM QPSK	53@26	24.02	19.1	0.0813
71	15	20	134600	673	CP-OFDM QPSK	1@1	24.07	19.15	0.0822
71	15	20	134600	673	CP-OFDM QPSK	1@104	23.24	18.32	0.0679
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	25.21	20.29	0.1069
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	25.47	20.55	0.1135
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	24.43	19.51	0.0893
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	25.19	20.27	0.1064
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	25.72	20.8	0.1202
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.39	19.47	0.0885
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	24.21	19.29	0.0849
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.56	19.64	0.0920
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	23.53	18.61	0.0726
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	22.78	17.86	0.0611
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	23.17	18.25	0.0668
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	22.11	17.19	0.0524
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	20.68	15.76	0.0377
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	20.75	15.83	0.0383
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	19.83	14.91	0.0310
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	23.69	18.77	0.0753
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	24.19	19.27	0.0845
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	23.01	18.09	0.0644
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	24.77	19.85	0.0966
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	25.23	20.31	0.1074
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	24.07	19.15	0.0822
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.68	19.76	0.0946
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	25.35	20.43	0.1104
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.06	19.14	0.0820
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	23.68	18.76	0.0752
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	24.31	19.39	0.0869
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	23.13	18.21	0.0662

71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	22.2	17.28	0.0535
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	22.99	18.07	0.0641
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	21.84	16.92	0.0492
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	20.13	15.21	0.0332
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	20.55	15.63	0.0366
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	19.52	14.6	0.0288
71	15	20	137600	688	CP-OFDM QPSK	53@26	21.15	16.23	0.0420
71	15	20	137600	688	CP-OFDM QPSK	1@1	23.91	18.99	0.0793
71	15	20	137600	688	CP-OFDM QPSK	1@104	22.65	17.73	0.0593

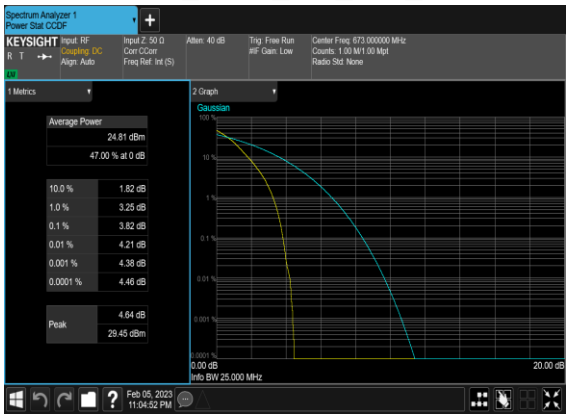
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0038	**PASS**	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	**PASS**	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0021	**PASS**	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0023	**PASS**	-10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0047	**PASS**	0℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0039	**PASS**	10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0038	**PASS**	20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0064	**PASS**	30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	40℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	**PASS**	50℃

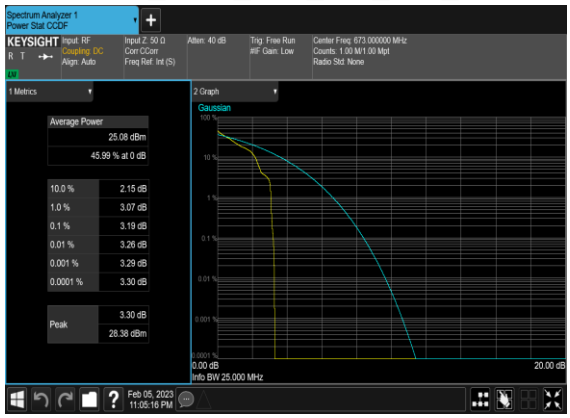
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	100@0	3.82	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM PI/2 BPSK	1@0	3.19	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	4.69	13	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	3.29	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	3.67	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	4.05	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	4.51	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	3.97	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	100@0	4.02	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM PI/2 BPSK	1@0	3.45	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	4.49	13	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	3.56	13	**PASS**

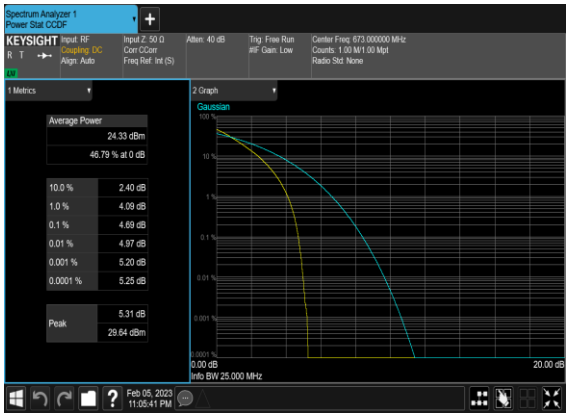
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



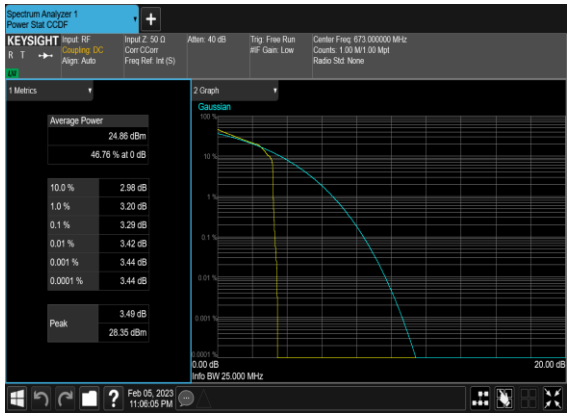
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



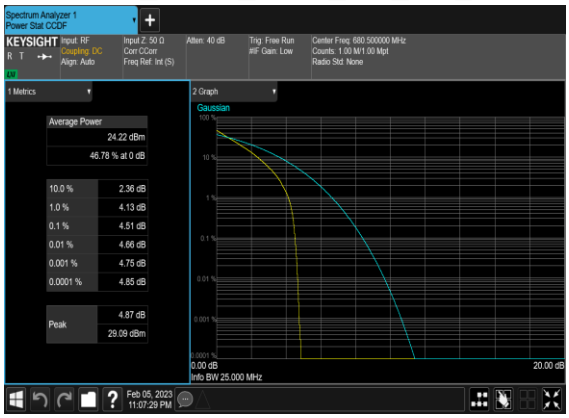
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



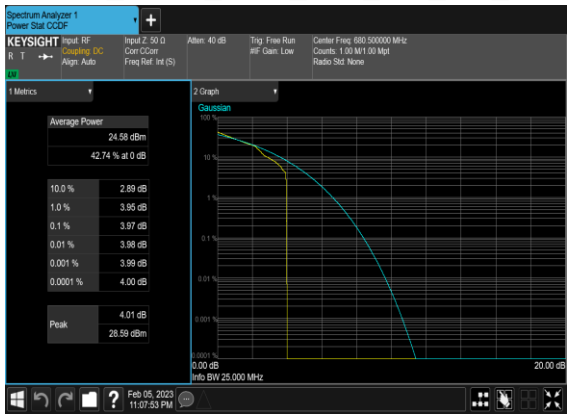
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

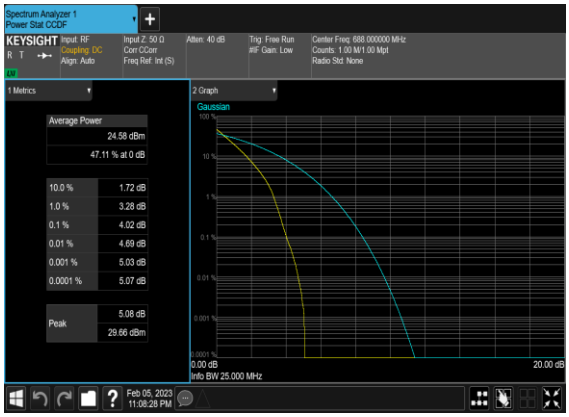
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

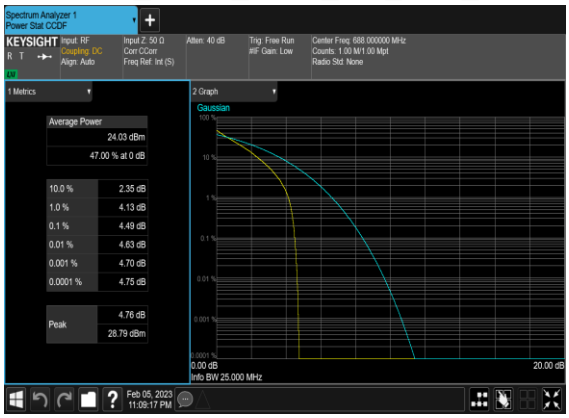


N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

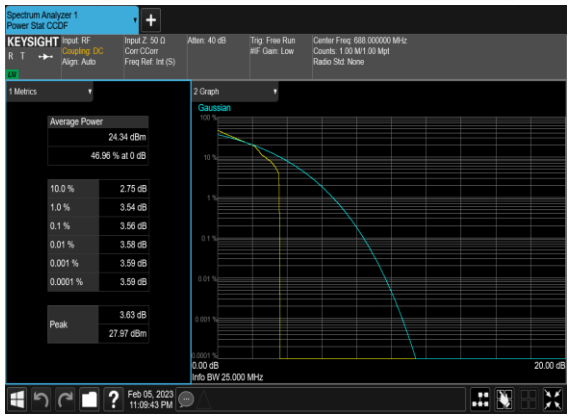


N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH

N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



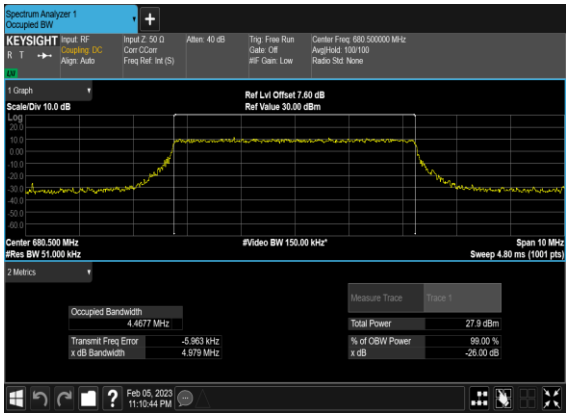
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4835	4.958
71	15	5	136100	680.5	DFT-s-OFDM QPSK	25@0	4.4673	5.022
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4677	4.979
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4767	5.019
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4634	5.048
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4839	5.118
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@0	8.8886	9.562
71	15	10	136100	680.5	DFT-s-OFDM QPSK	50@0	8.9221	9.574
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2727	9.972
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2835	10.06
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2543	9.961
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.269	9.86
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	75@0	13.363	14.31
71	15	15	136100	680.5	DFT-s-OFDM QPSK	75@0	13.395	14.11
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.088	14.9
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.103	14.85
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.091	14.89
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.072	14.85
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	17.863	18.67
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.845	18.82
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.885	19.92
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.904	19.91
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.867	19.77
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.914	19.92

N71(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

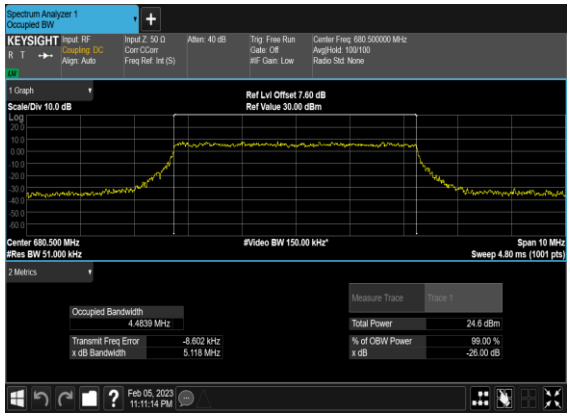
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



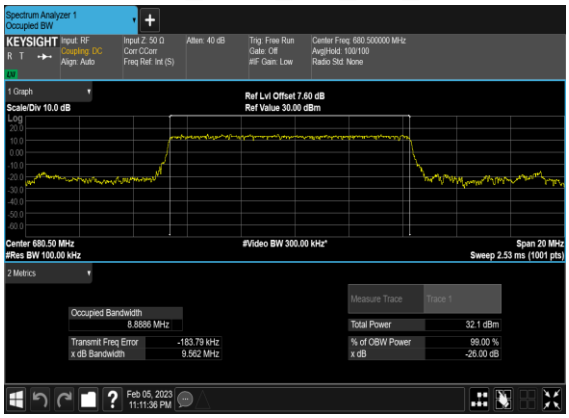
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



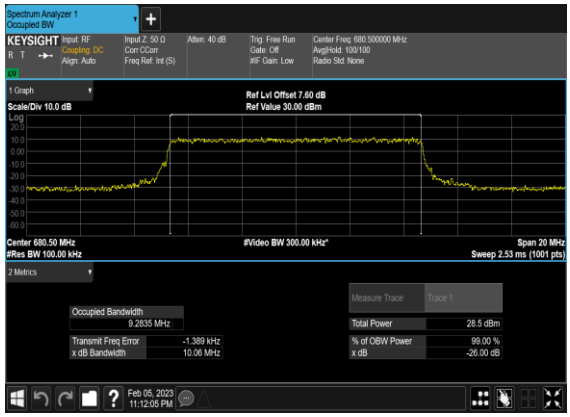
N71(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

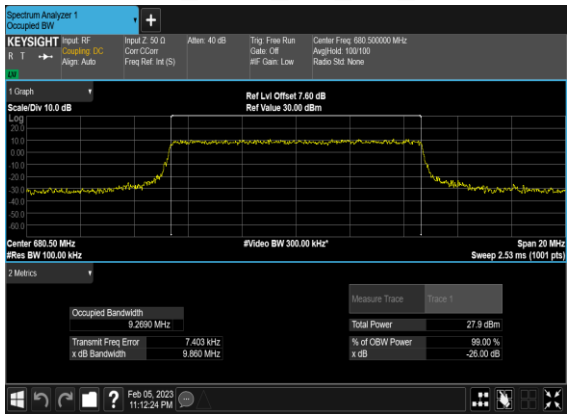
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

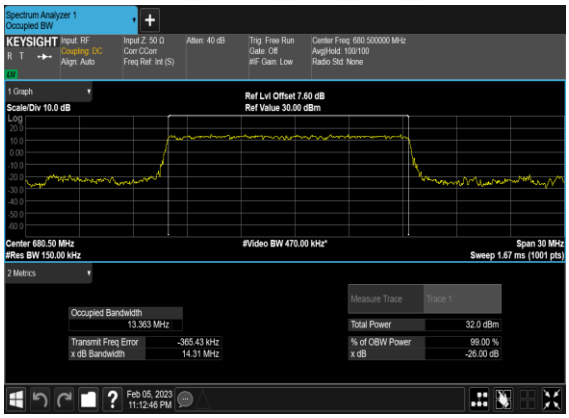


N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



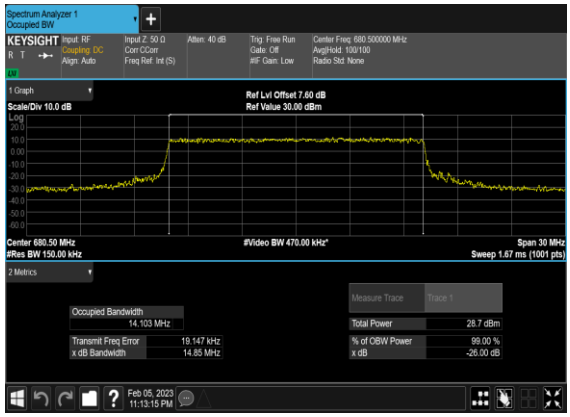
N71(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N71(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

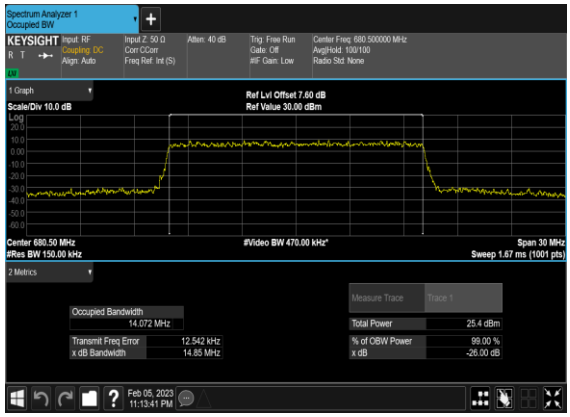
N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

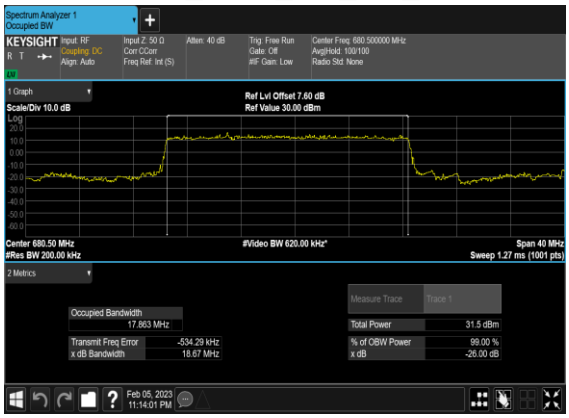


N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



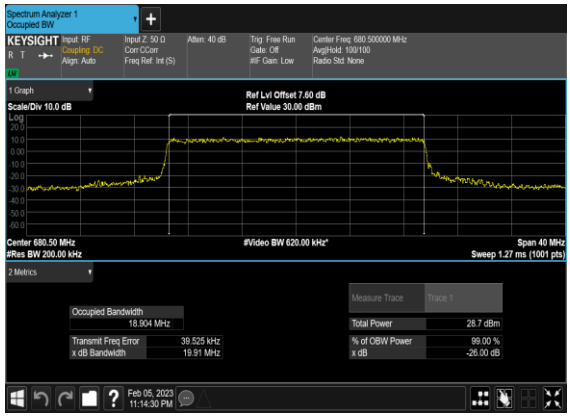
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

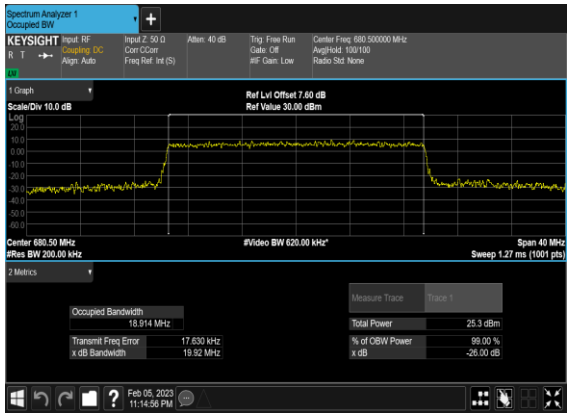
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

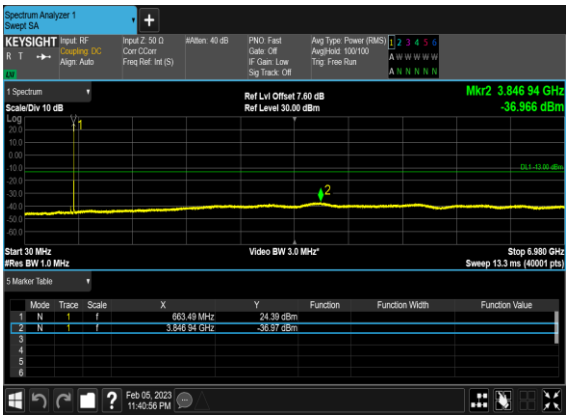


Conducted Spurious Emissions

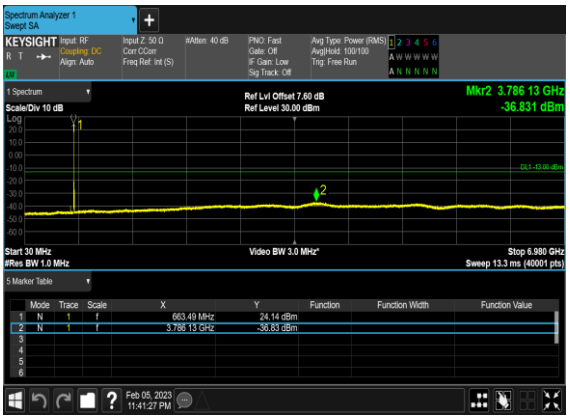
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

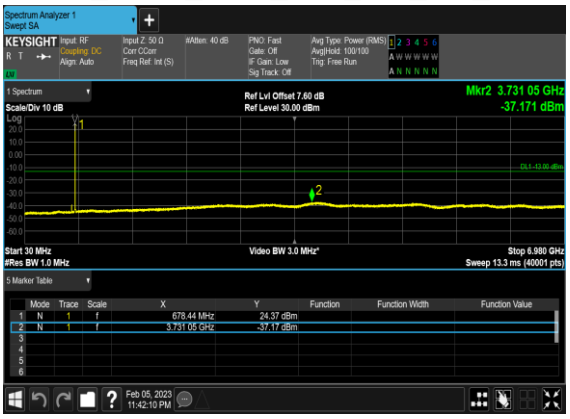
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



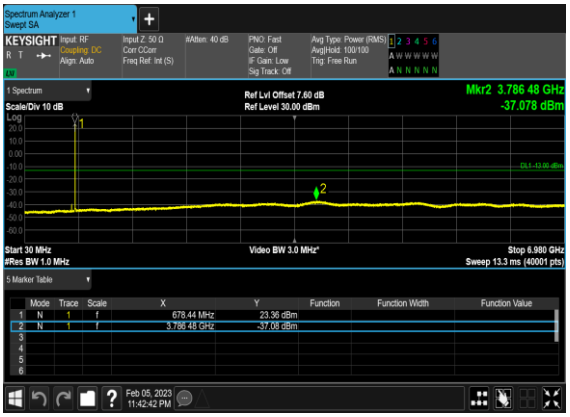
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



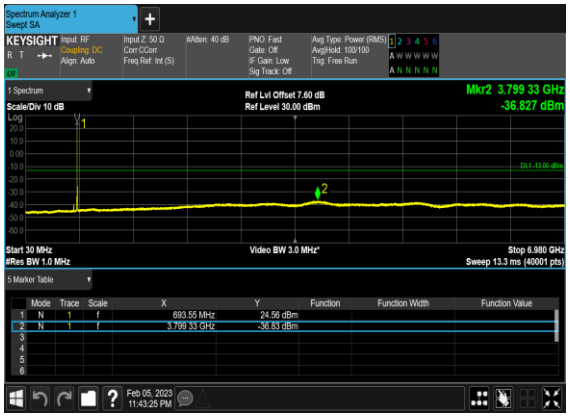
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



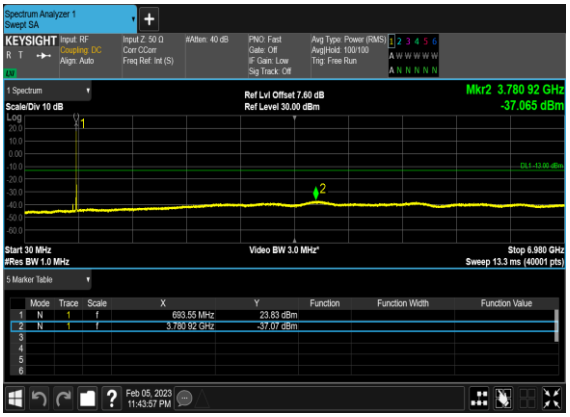
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



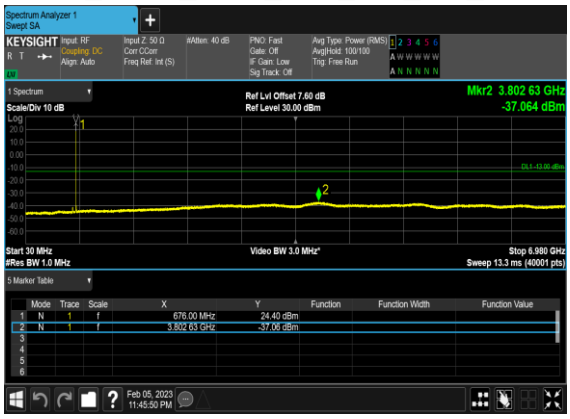
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



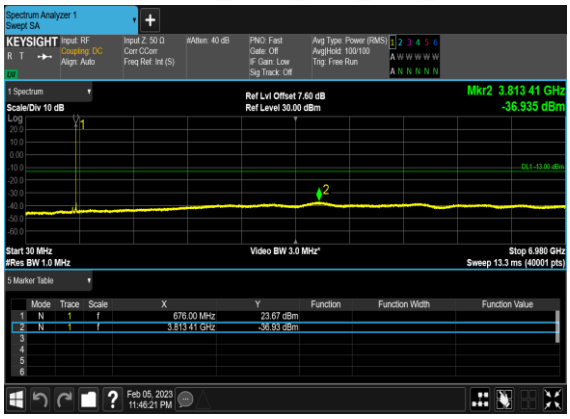
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

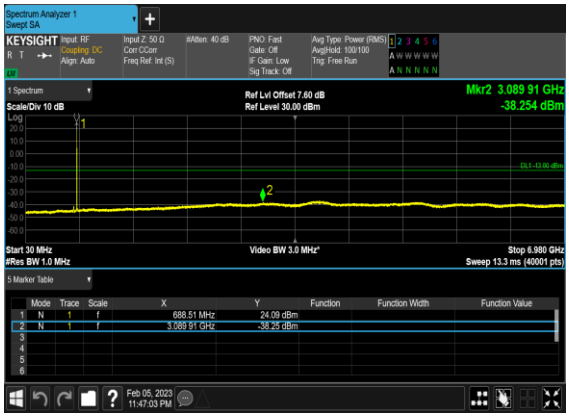
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



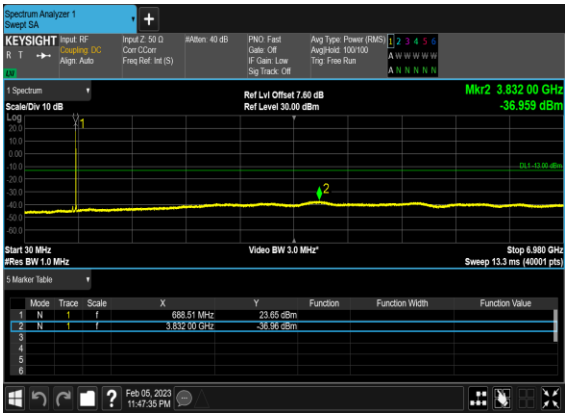
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



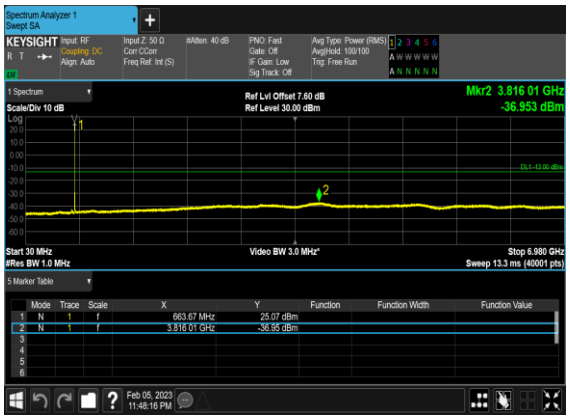
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



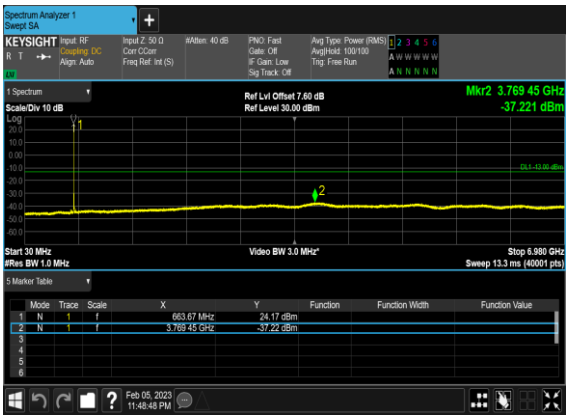
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



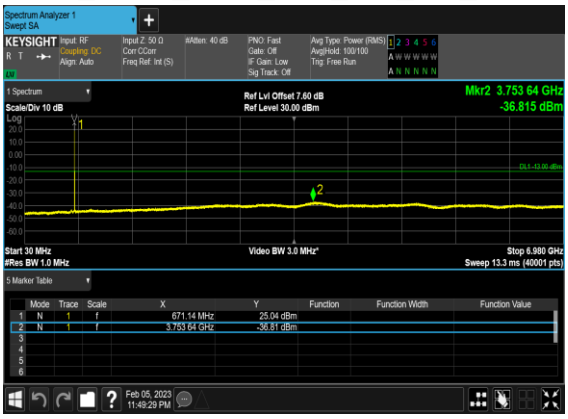
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



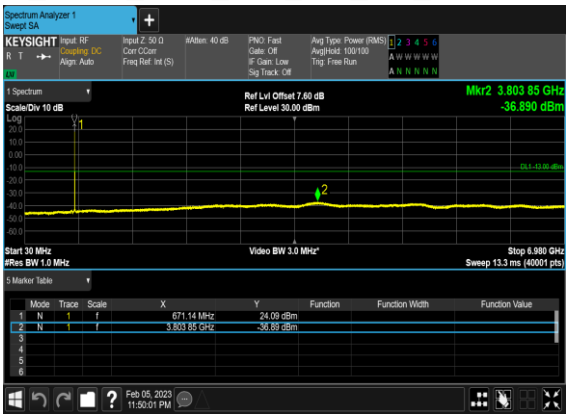
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



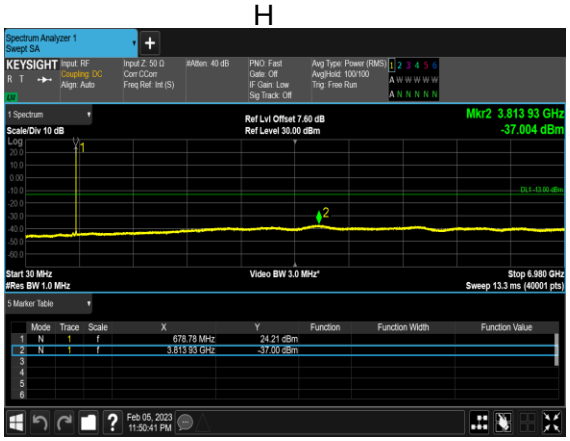
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



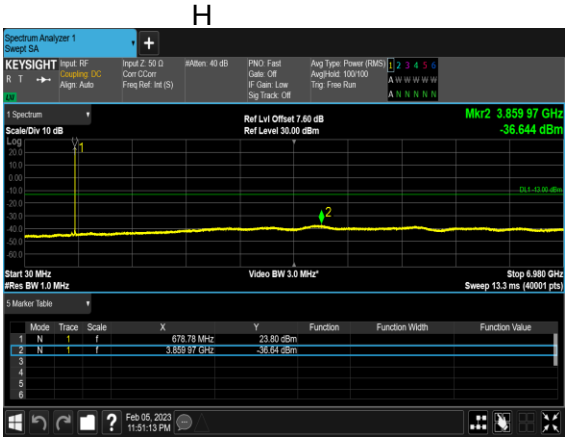
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



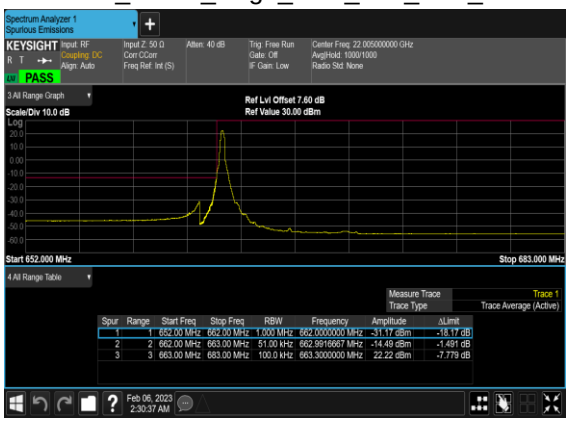
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



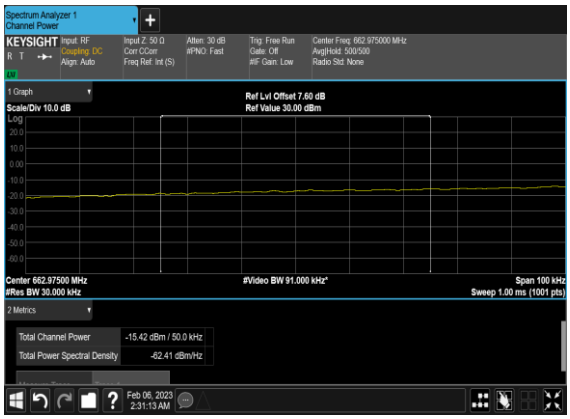
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

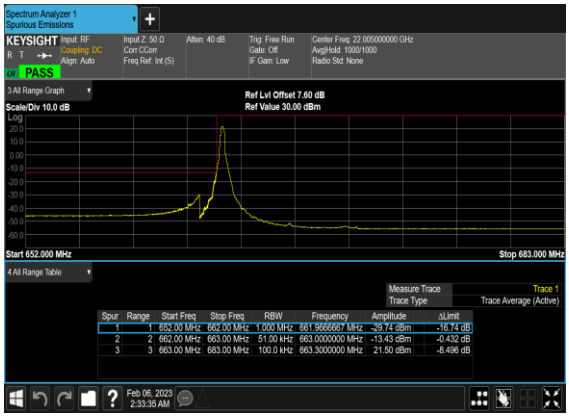
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



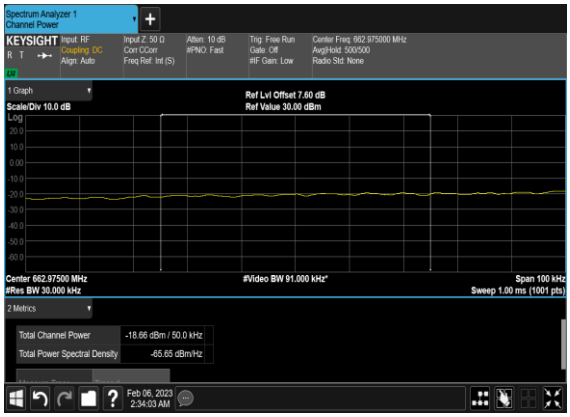
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



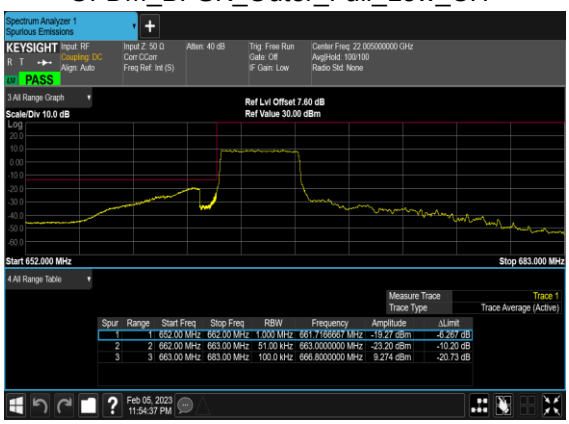
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

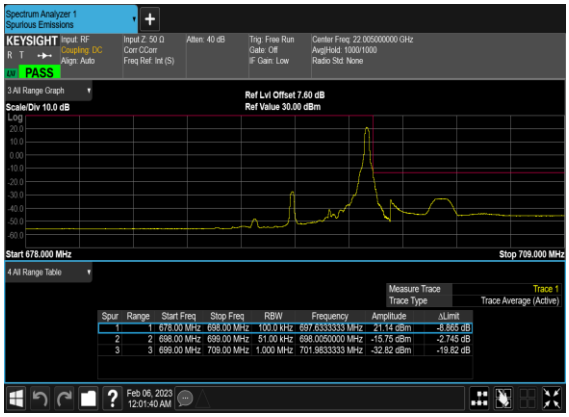


N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

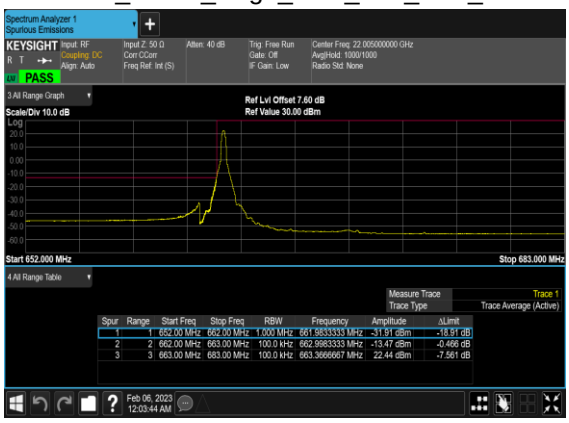


N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

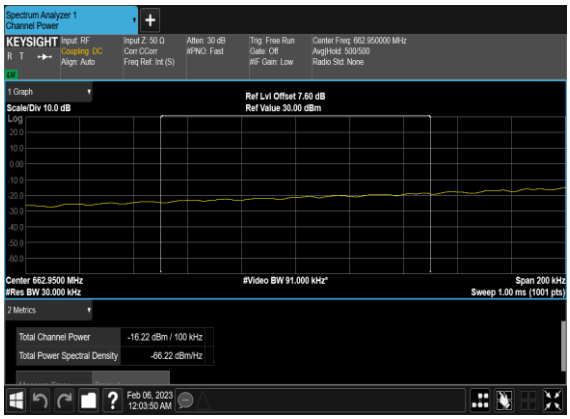
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

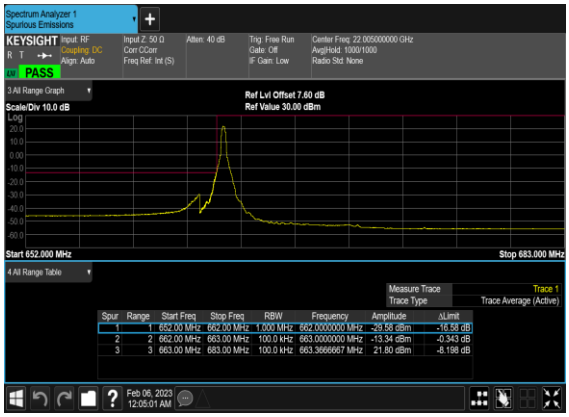
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



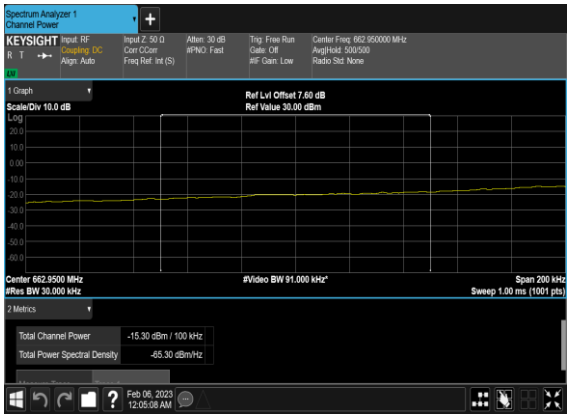
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



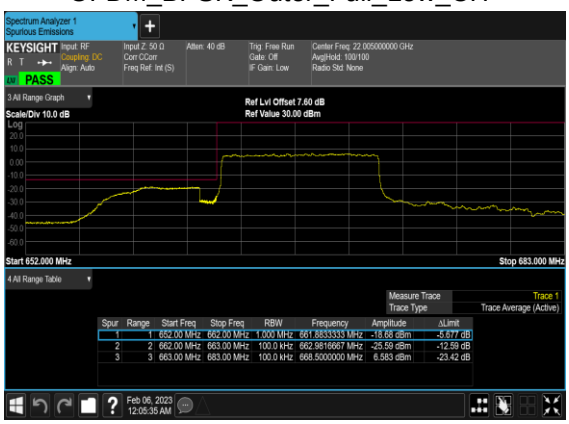
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**

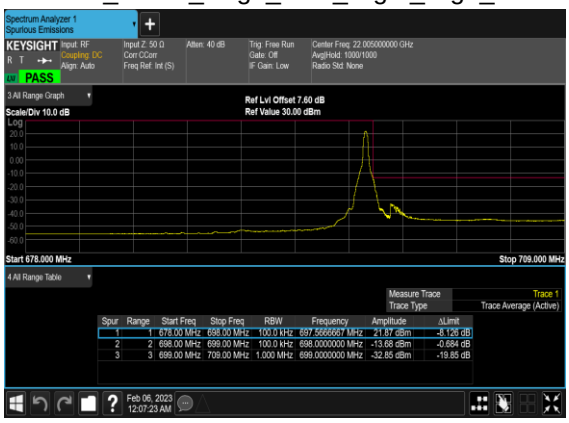


N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

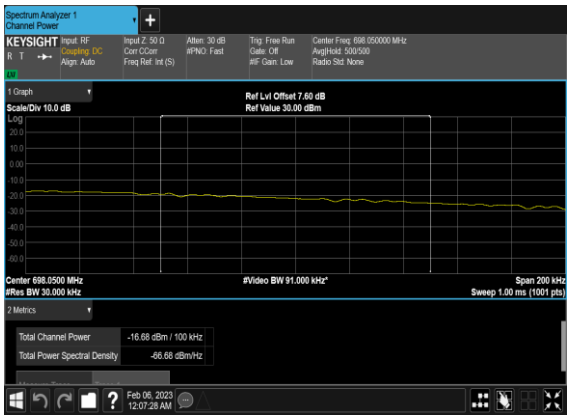


N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

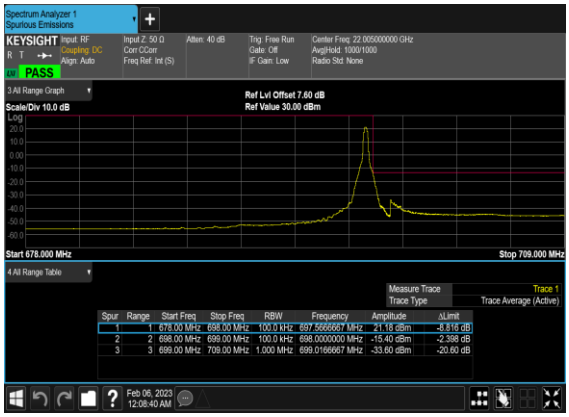
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



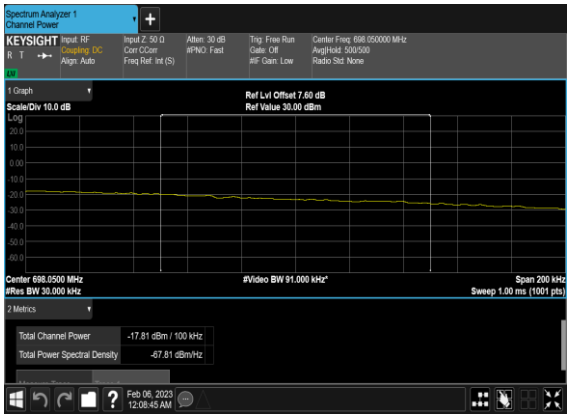
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



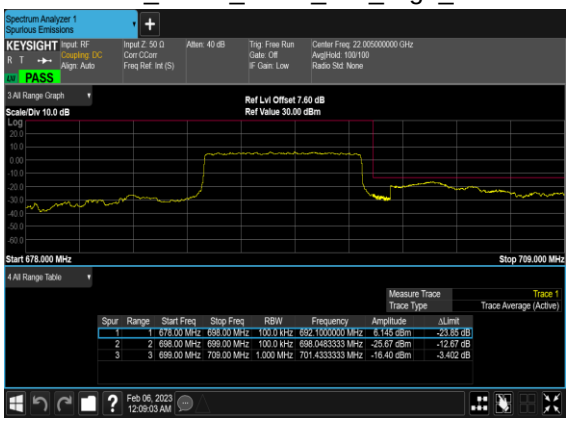
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS

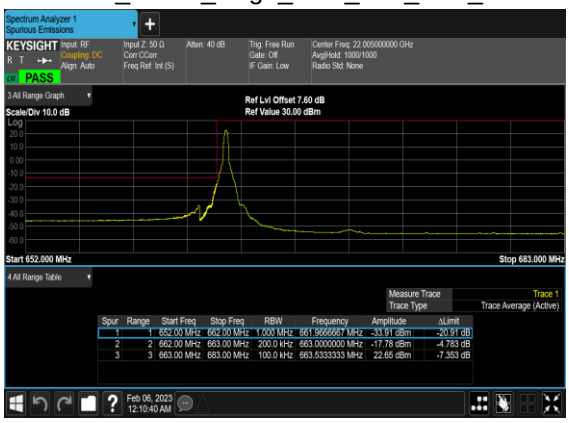


N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

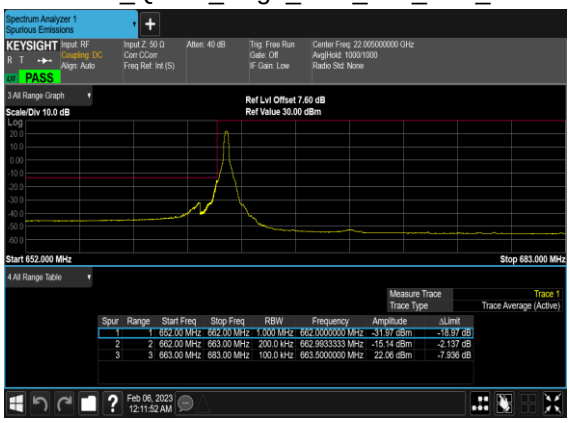


N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

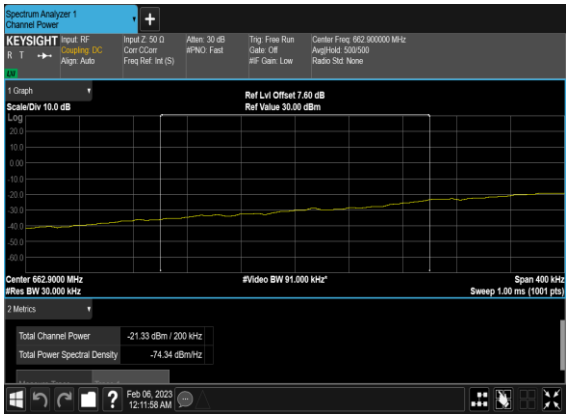
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



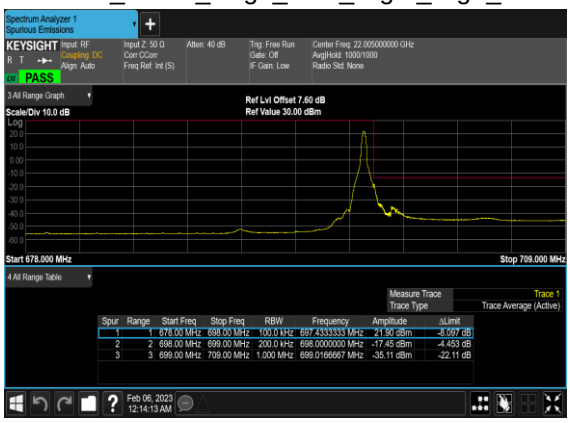
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



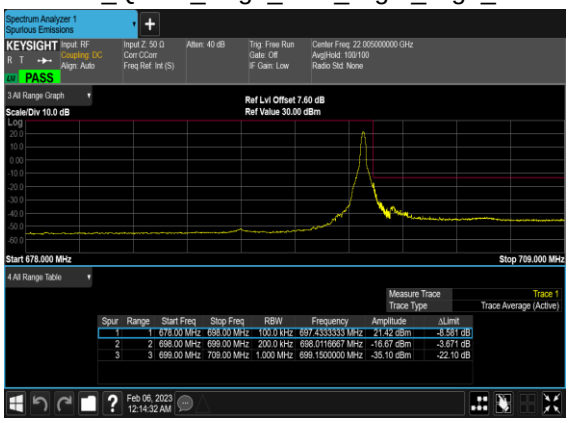
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

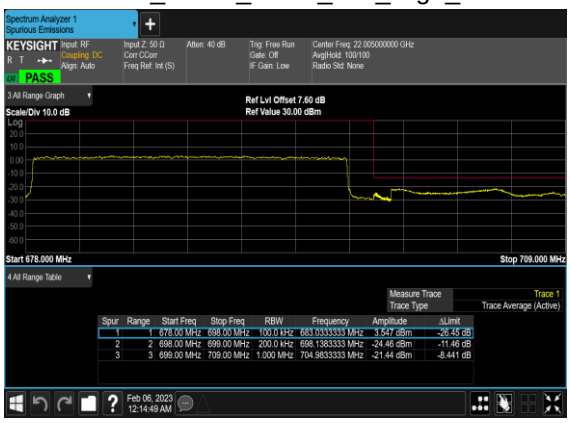
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



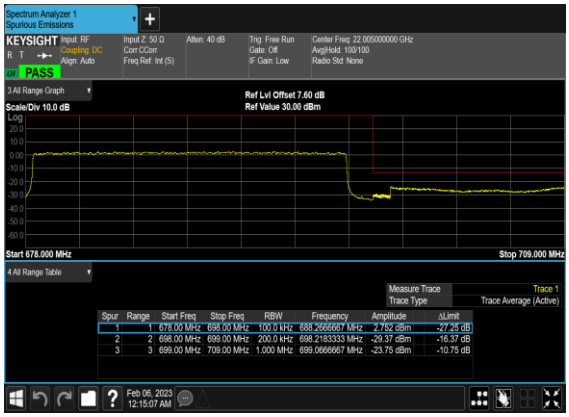
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	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.

5G NR n12 SA / NR 15MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (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	1402	-61.76	-13	-48.76	-73.02	-65.01	4.00	9.40	H
	2103	-50.24	-13	-37.24	-68.39	-53.81	4.88	10.60	H
	2804	-59.69	-13	-46.69	-79.07	-64.62	5.52	12.60	H
	1402	-59.54	-13	-46.54	-71.86	-62.79	4.00	9.40	V
	2103	-44.66	-13	-31.66	-62.60	-48.23	4.88	10.60	V
	2804	-59.01	-13	-46.01	-79.15	-63.94	5.52	12.60	V

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

5G NR n25 SA / NR 20MHz / 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	-56.98	-13	-43.98	-79.59	-63.73	5.85	12.60	H
	5589	-56.79	-13	-43.79	-81.44	-62.59	7.30	13.10	H
	7452	-54.29	-13	-41.29	-81.45	-57.44	8.35	11.50	H
	3726	-54.51	-13	-41.51	-79.97	-61.26	5.85	12.60	V
	5589	-56.37	-13	-43.37	-81.72	-62.17	7.30	13.10	V
	7452	-54.34	-13	-41.34	-81.48	-57.49	8.35	11.50	V

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

5G NR n25 SA / NR 20MHz / QPSK / ANT7									
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	-56.53	-13	-43.53	-79.14	-63.28	5.85	12.60	H
	5589	-57.23	-13	-44.23	-81.88	-63.03	7.30	13.10	H
	7452	-54.19	-13	-41.19	-81.35	-57.34	8.35	11.50	H
	3726	-51.93	-13	-38.93	-77.39	-58.68	5.85	12.60	V
	5589	-56.54	-13	-43.54	-81.89	-62.34	7.30	13.10	V
	7452	-54.39	-13	-41.39	-81.53	-57.54	8.35	11.50	V

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

EN-DC_12A_n25A / LTE 10MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR)									
Channel	Frequency (MHz)	ERP/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	-57.36	-13	-44.36	-79.97	-64.11	5.85	12.60	H
	5589	-57.25	-13	-44.25	-81.90	-63.05	7.30	13.10	H
	7452	-54.70	-13	-41.70	-81.86	-57.85	8.35	11.50	H
	3726	-54.95	-13	-41.95	-80.41	-61.70	5.85	12.60	V
	5589	-56.53	-13	-43.53	-81.88	-62.33	7.30	13.10	V
	7452	-54.69	-13	-41.69	-81.83	-57.84	8.35	11.50	V
LTE Band12 Middle	1406	-65.52	-13	-52.52	-76.78	-68.77	4.00	9.40	H
	2109	-58.90	-13	-45.90	-77.05	-62.47	4.88	10.60	H
	2812	-59.92	-13	-46.92	-79.36	-64.85	5.52	12.60	H
	1406	-63.54	-13	-50.54	-75.86	-66.79	4.00	9.40	V
	2109	-58.55	-13	-45.55	-76.49	-62.12	4.88	10.60	V
	2812	-59.03	-13	-46.03	-79.28	-63.96	5.52	12.60	V

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

5G NR n26 SA / NR 20MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (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	-60.67	-13	-47.67	-72.80	-63.92	4.00	9.40	H
	2481	-46.39	-13	-33.39	-65.64	-49.96	4.88	10.60	H
	3308	-59.15	-13	-46.15	-80.30	-64.08	5.52	12.60	H
	1654	-59.89	-13	-46.89	-72.66	-63.14	4.00	9.40	V
	2481	-41.81	-13	-28.81	-61.38	-45.38	4.88	10.60	V
	3308	-58.37	-13	-45.37	-80.22	-63.30	5.52	12.60	V

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

5G NR n71 SA / NR 20MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (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	1342	-62.50	-13	-49.50	-73.51	-65.75	4.00	9.40	H
	2013	-56.27	-13	-43.27	-73.98	-59.84	4.88	10.60	H
	2684	-59.30	-13	-46.30	-78.93	-64.23	5.52	12.60	H
	1342	-63.86	-13	-50.86	-75.82	-67.11	4.00	9.40	V
	2013	-56.20	-13	-43.20	-73.80	-59.77	4.88	10.60	V
	2684	-57.25	-13	-44.25	-77.34	-62.18	5.52	12.60	V

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

EN-DC_7A_n71A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR)									
Channel	Frequency (MHz)	ERP/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 n71 Middle	1342	-64.52	-13	-51.52	-75.53	-67.77	4.00	9.40	H
	2013	-59.43	-13	-46.43	-77.14	-63.00	4.88	10.60	H
	2684	-58.57	-13	-45.57	-78.20	-63.50	5.52	12.60	H
	1342	-63.50	-13	-50.50	-75.46	-66.75	4.00	9.40	V
	2013	-59.87	-13	-46.87	-77.47	-63.44	4.88	10.60	V
	2684	-57.97	-13	-44.97	-78.06	-62.90	5.52	12.60	V
LTE Band7 Middle	5061.18	-57.83	-25	-32.83	-81.90	-63.39	7.14	12.70	H
	7591.77	-54.34	-25	-29.34	-80.97	-57.64	8.30	11.60	H
	10122.36	-51.38	-25	-26.38	-82.34	-52.90	10.48	12.00	H
	5061.18	-56.59	-25	-31.59	-81.87	-62.15	7.14	12.70	V
	7591.77	-54.55	-25	-29.55	-81.18	-57.85	8.30	11.60	V
	10122.36	-50.43	-25	-25.43	-82.44	-51.95	10.48	12.00	V

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