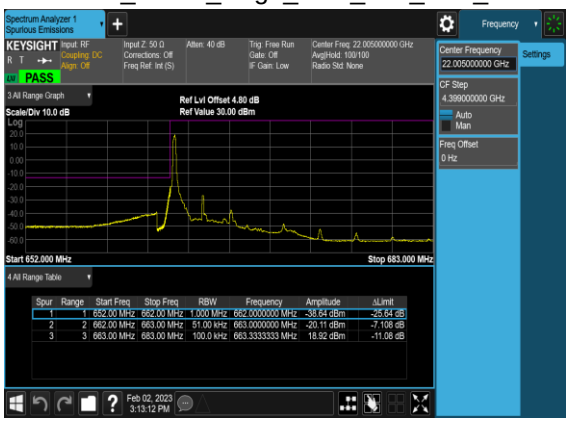
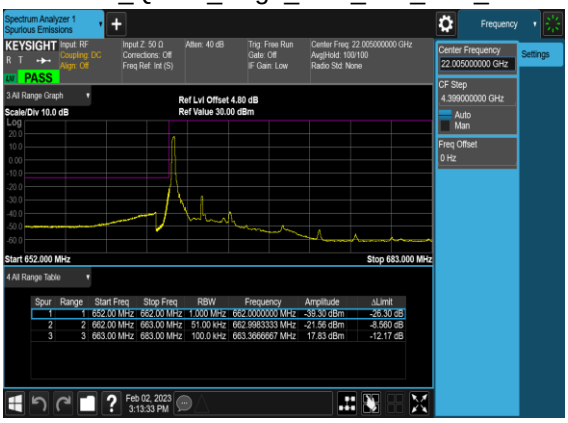
Conducted Band Edge

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

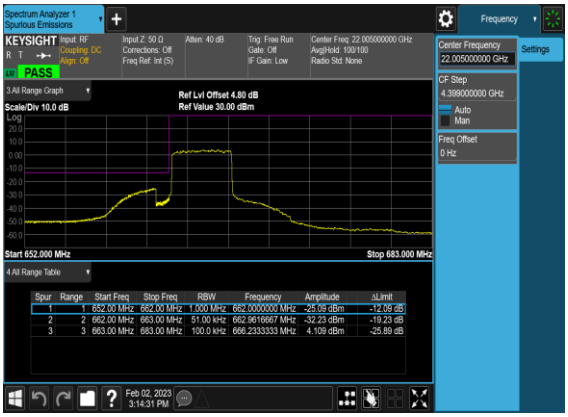


N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

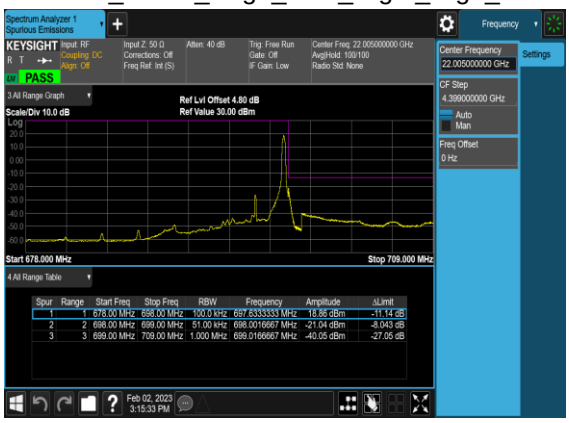


N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

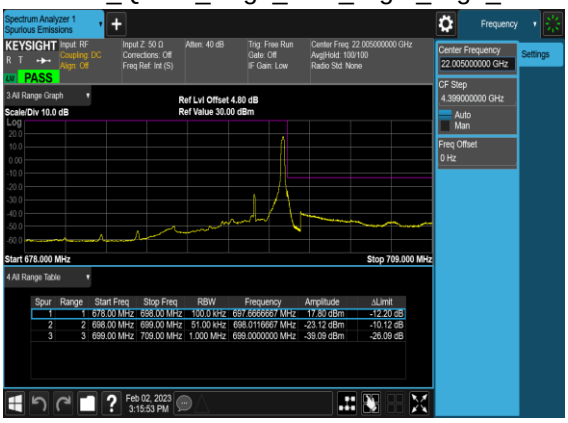
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



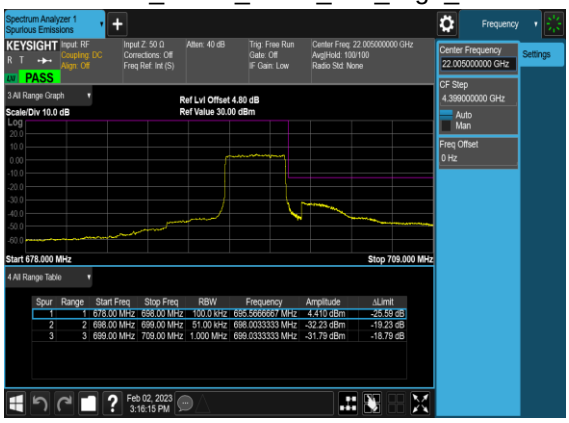
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



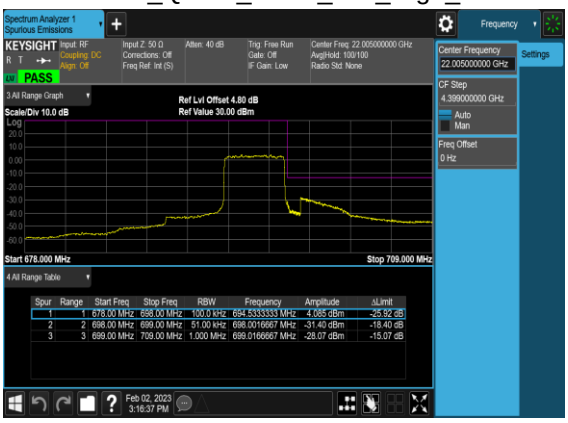
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



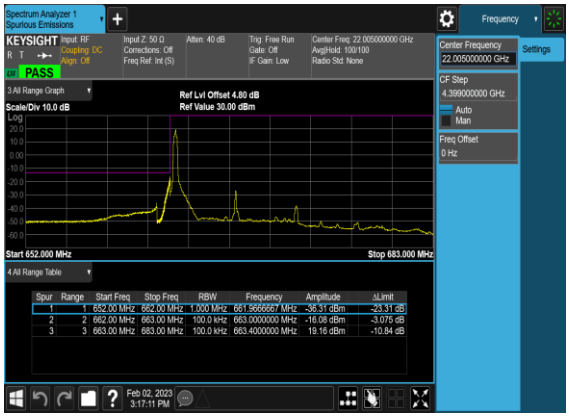
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



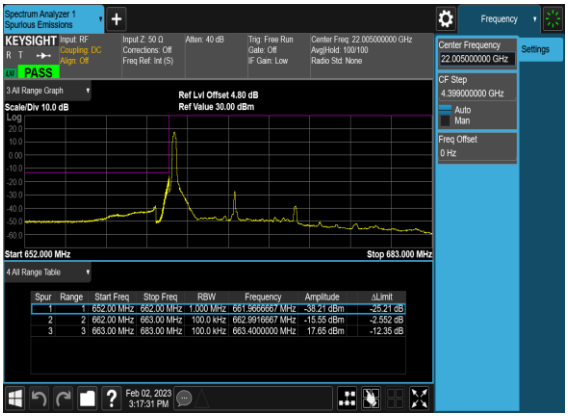
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



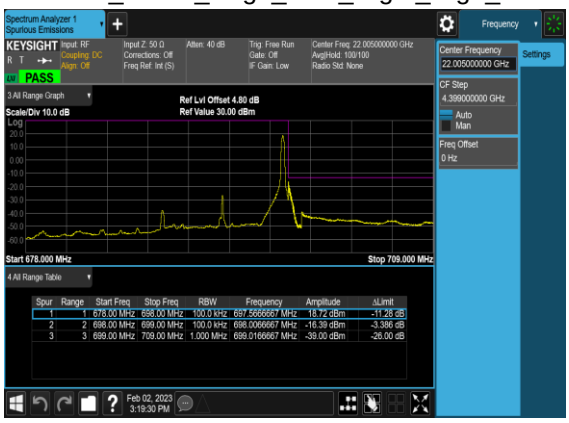
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



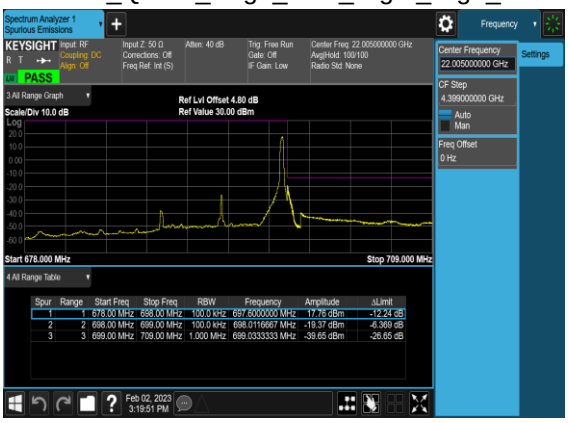
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

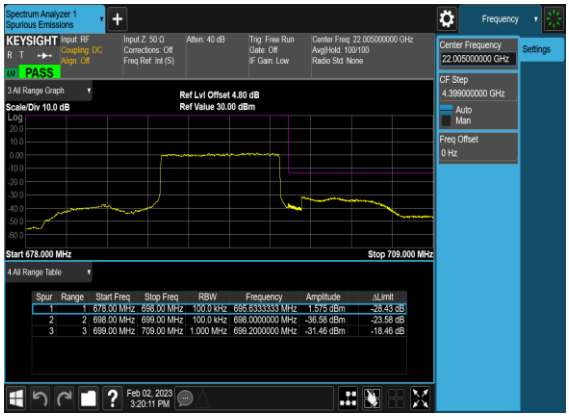
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



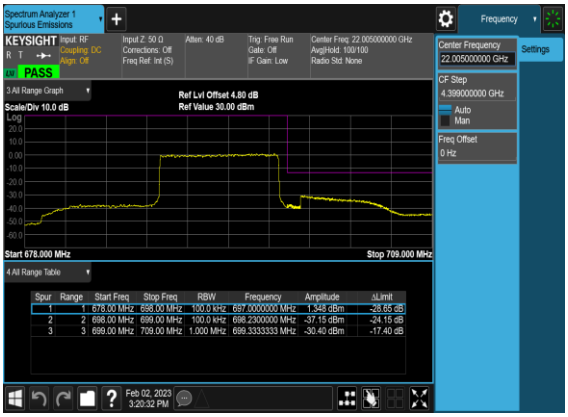
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



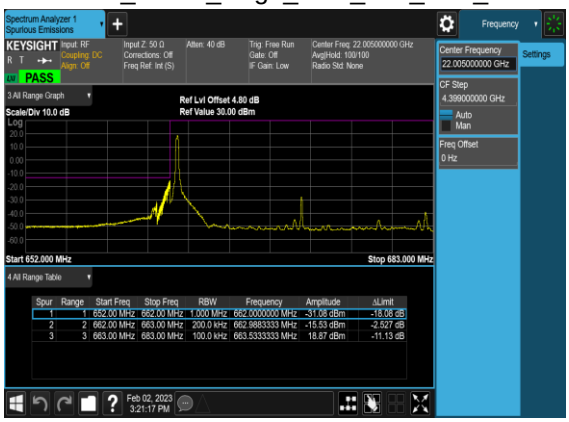
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



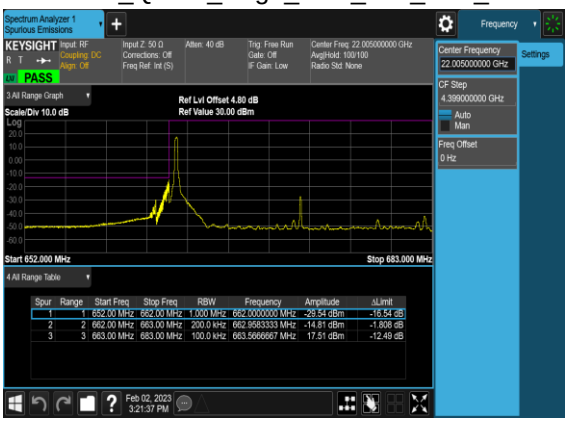
N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



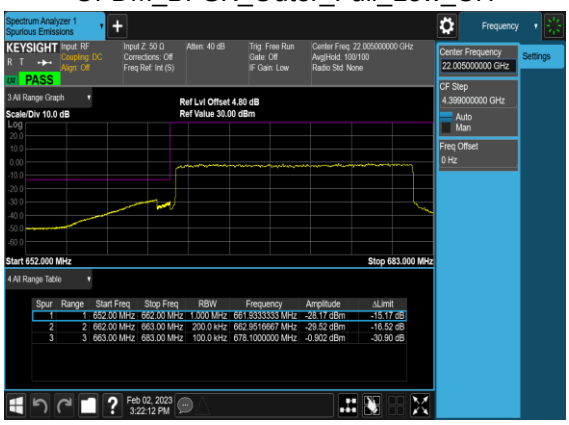
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



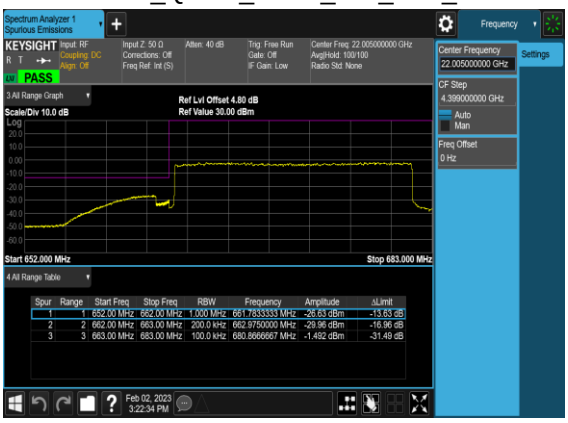
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



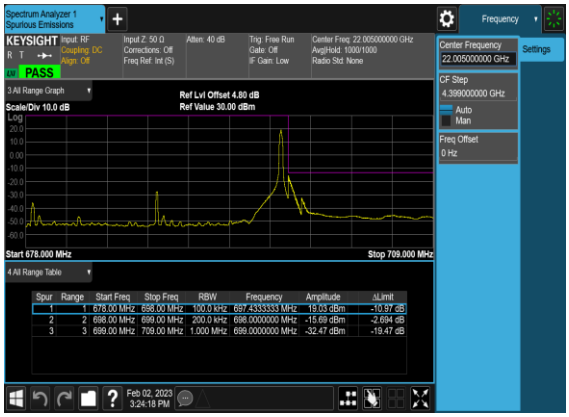
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



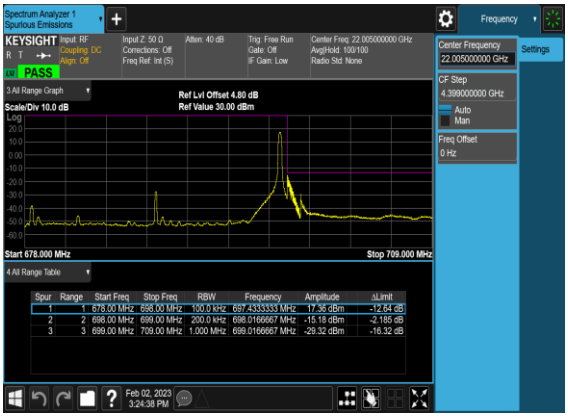
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



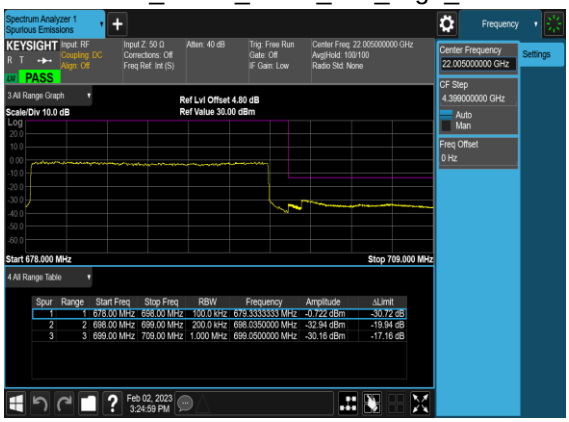
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



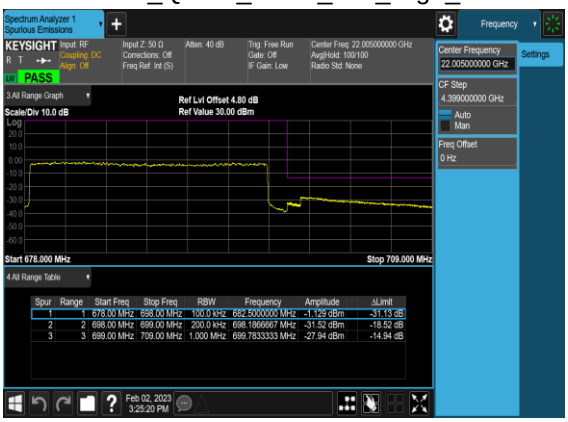
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.02.011001

FR1 NSA_N71 (Other PA)

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

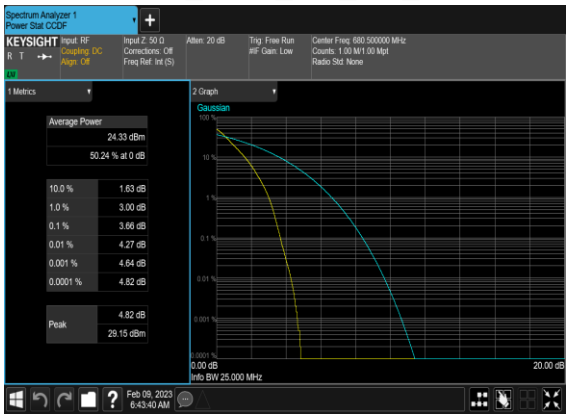
Frequency Stability

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	0.0065	**PASS**	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0068	**PASS**	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0037	**PASS**	-30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0031	**PASS**	-20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0049	**PASS**	-10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0055	**PASS**	0℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0060	**PASS**	10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0068	**PASS**	20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	**PASS**	30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0023	**PASS**	40℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0054	**PASS**	50℃

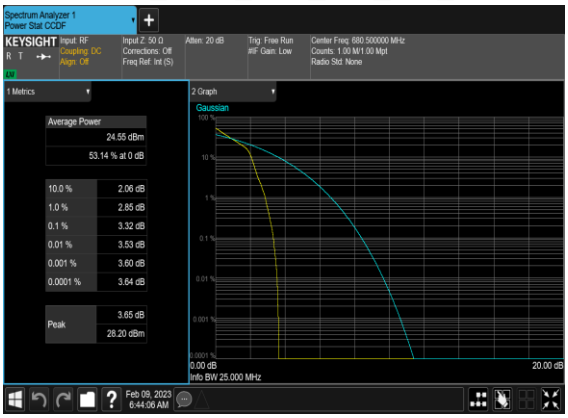
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	3.66	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	3.32	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	4.85	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	4.38	13	**PASS**

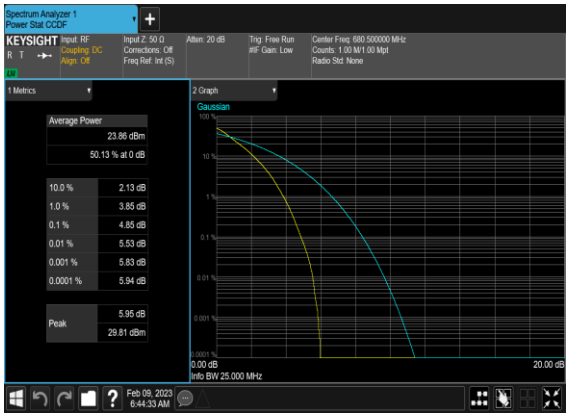
B5_N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



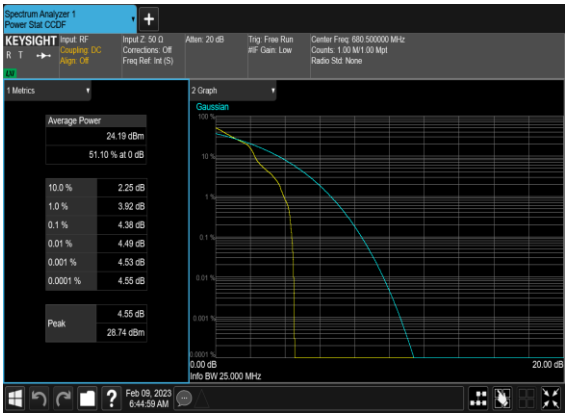
B5_N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B5_N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



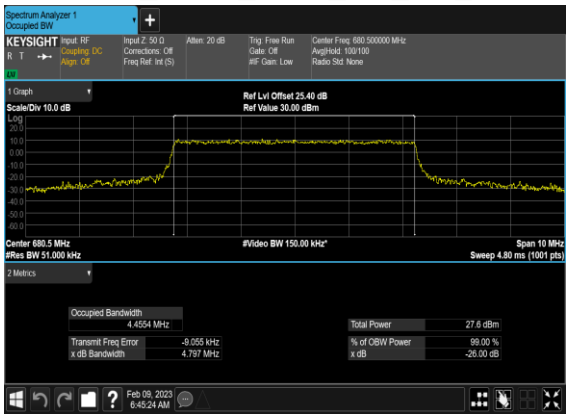
B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



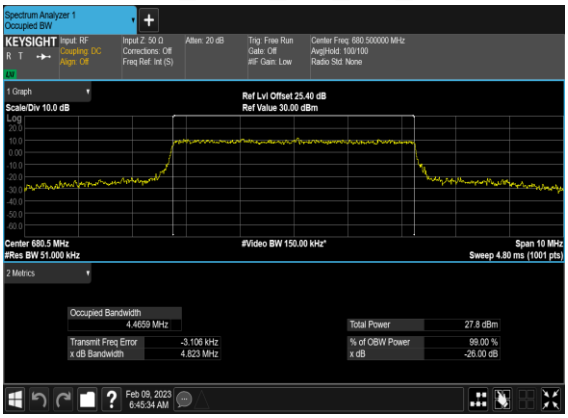
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4554	4.797
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4659	4.823
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4566	4.792
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4658	4.803
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.079	14.75
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.092	14.75
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.057	14.75
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.076	14.7
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2596	9.72
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2611	9.833
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2909	9.773
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2624	9.847
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.869	19.75
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.818	19.77
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.868	19.96
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.821	19.74

B5_N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B5_N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



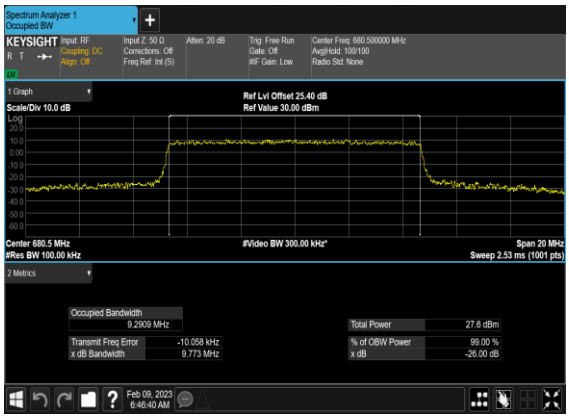
B5_N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B5_N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

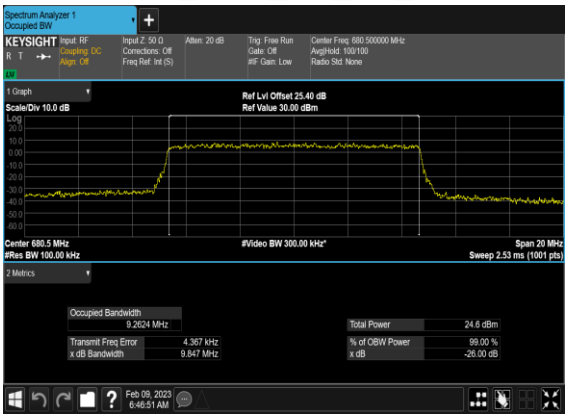
B5_N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B5_N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B5_N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

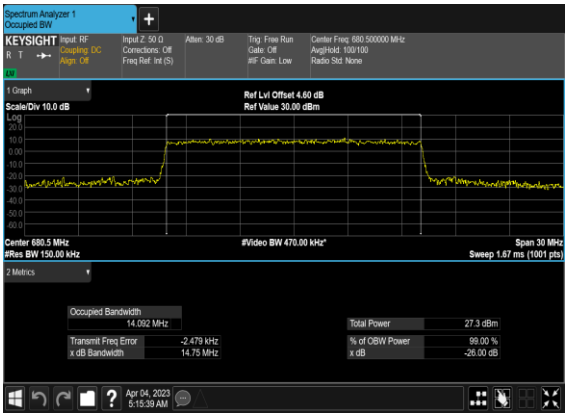


B5_N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

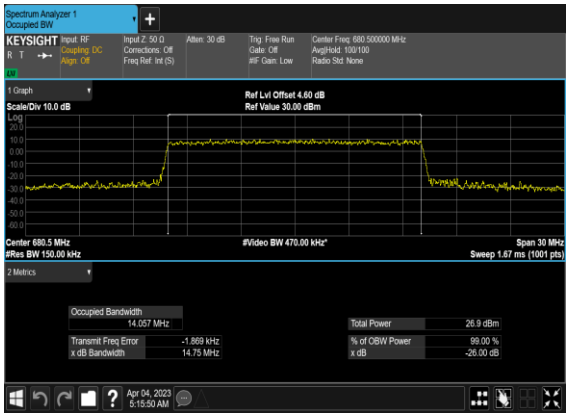


B5_N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

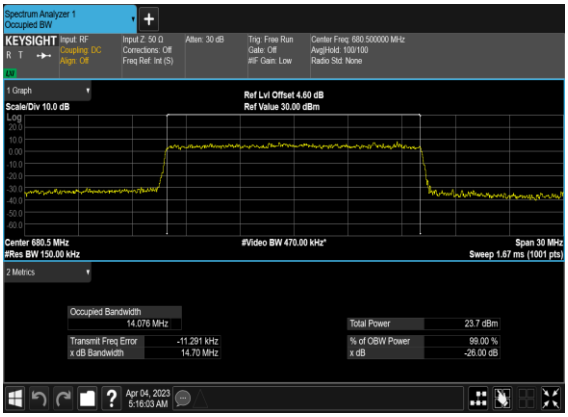
B5_N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



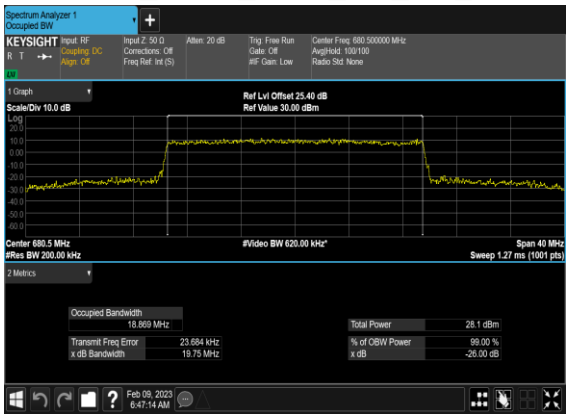
B5_N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



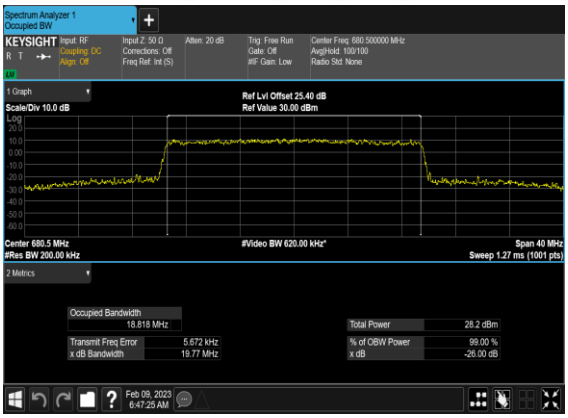
B5_N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



B5_N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

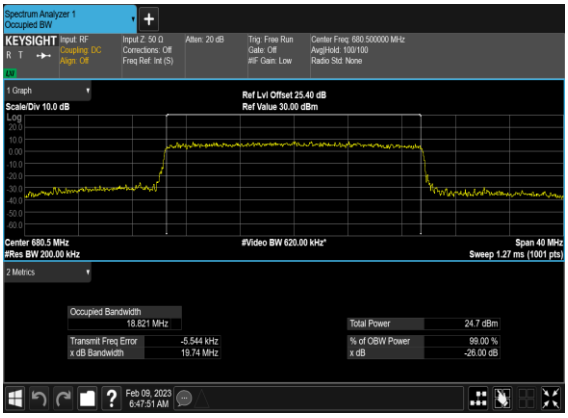


B5_N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B5_N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B5_N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

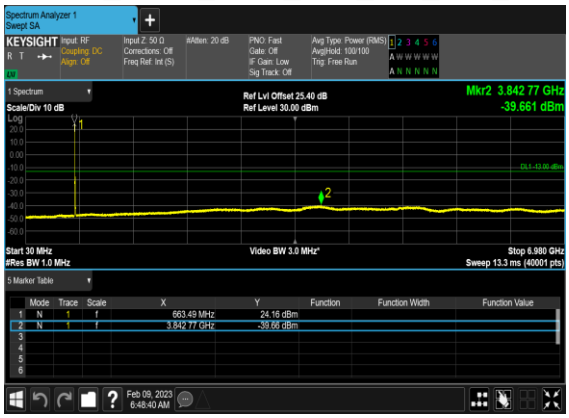


Conducted Spurious Emissions

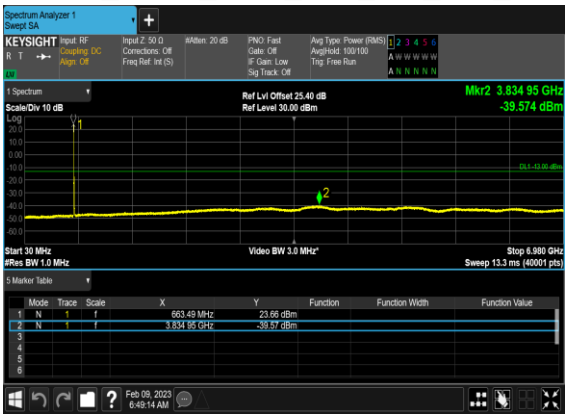
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see 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**

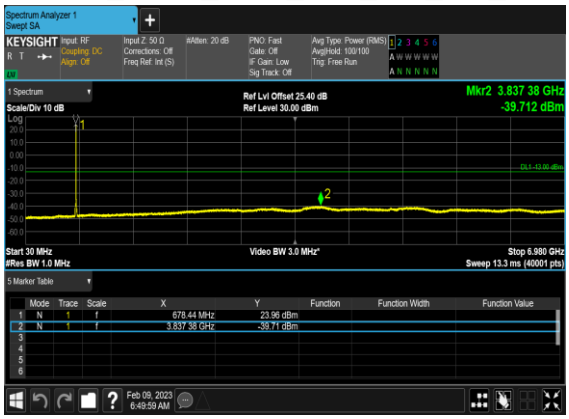
B5_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



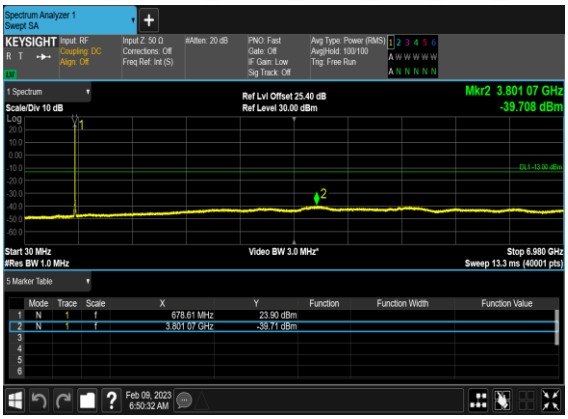
B5_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



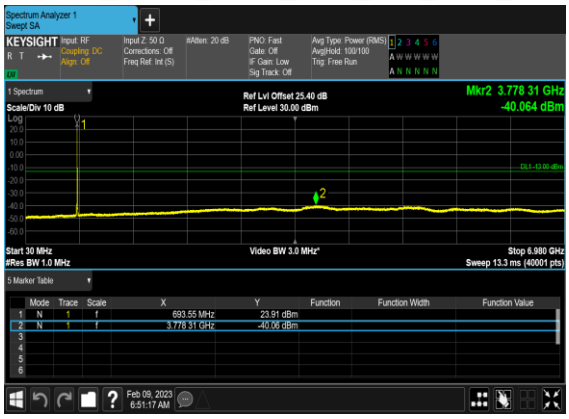
B5_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



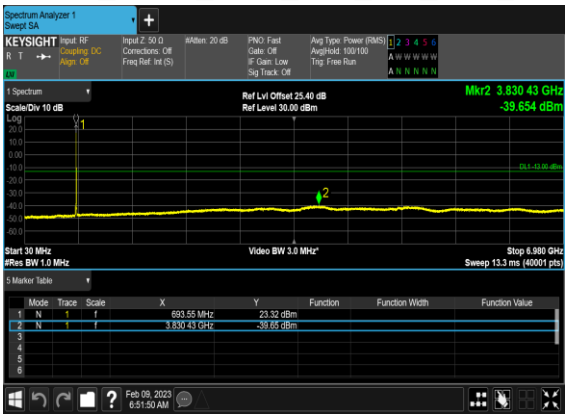
B5_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



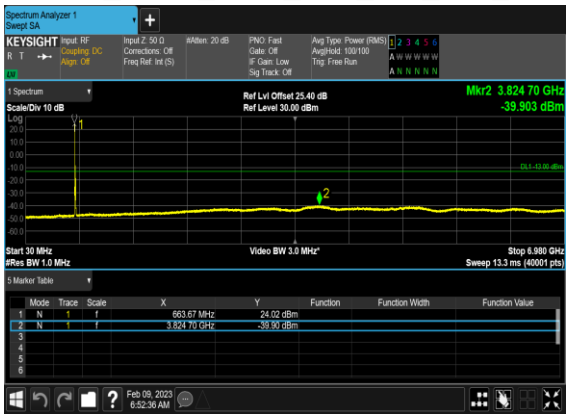
B5_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



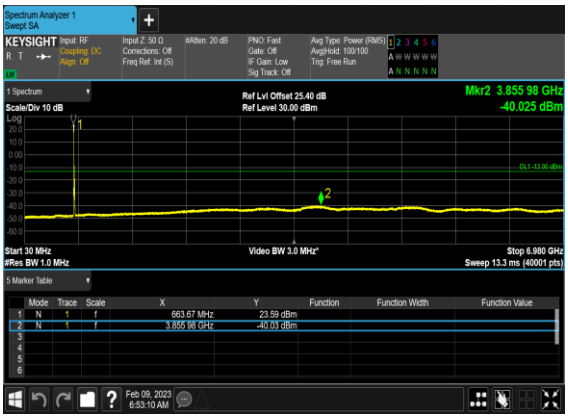
B5_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



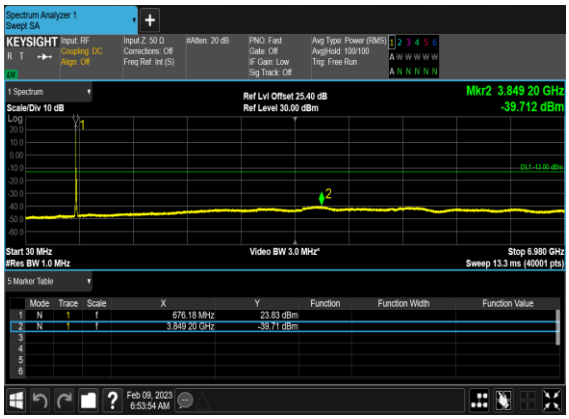
B5_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



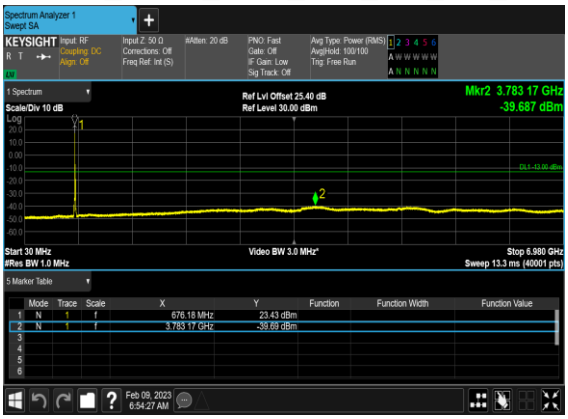
B5_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



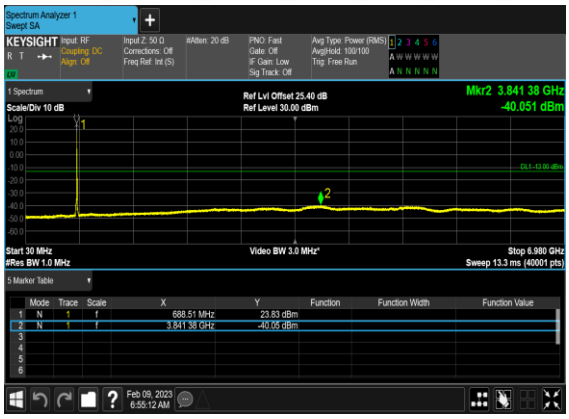
B5_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



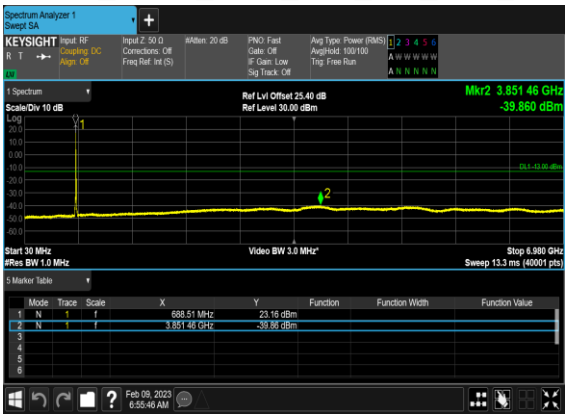
B5_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



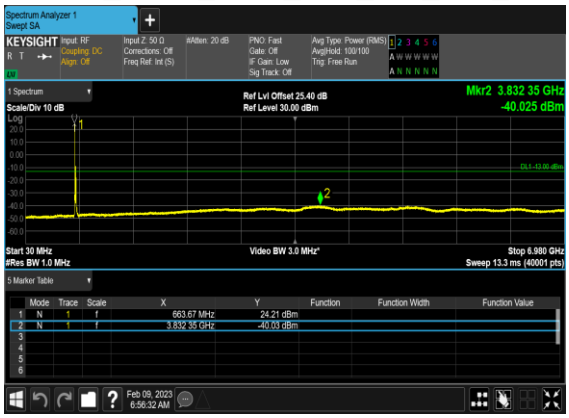
B5_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



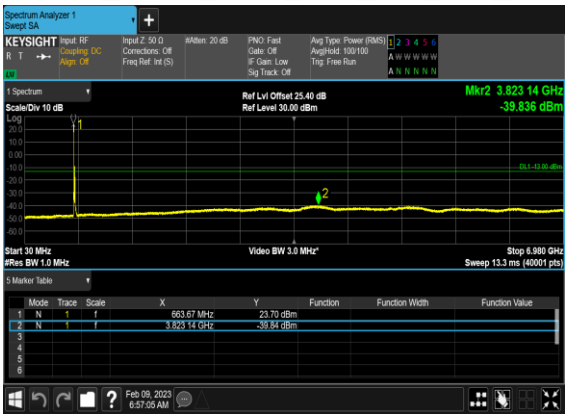
B5_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



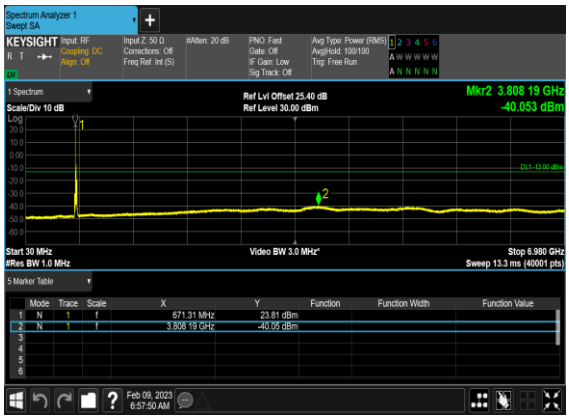
B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



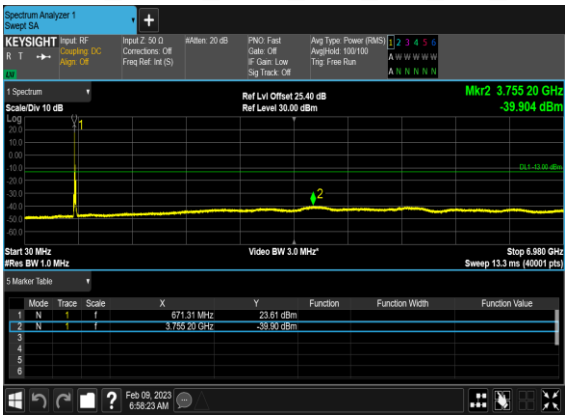
B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



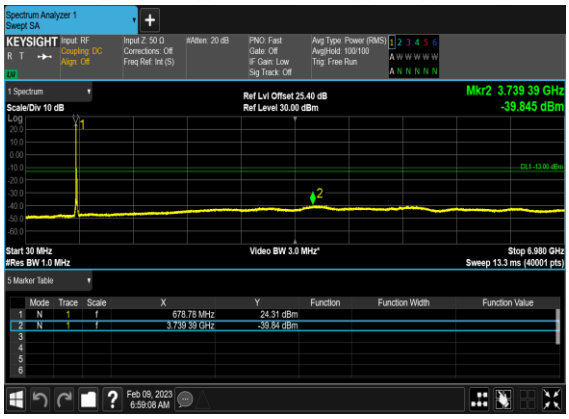
B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



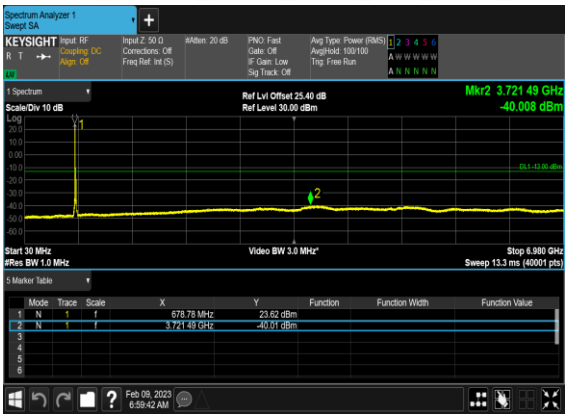
B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



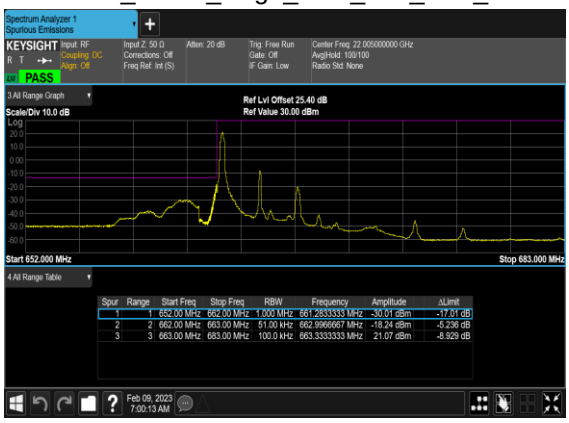
B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



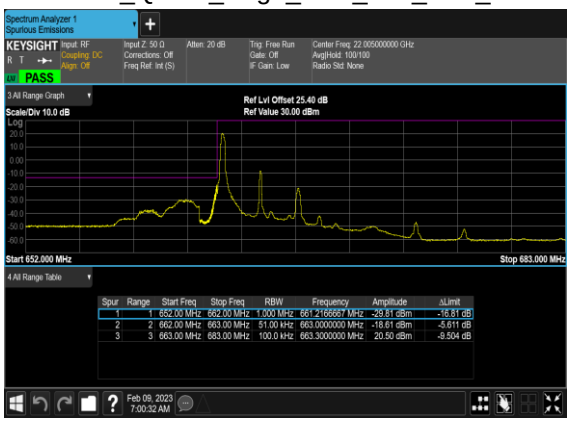
Conducted Band Edge

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**

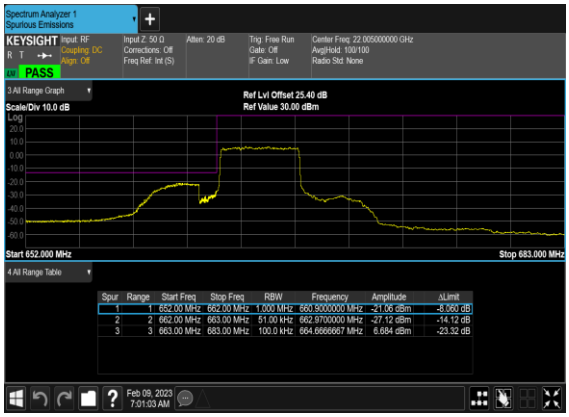
B5_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



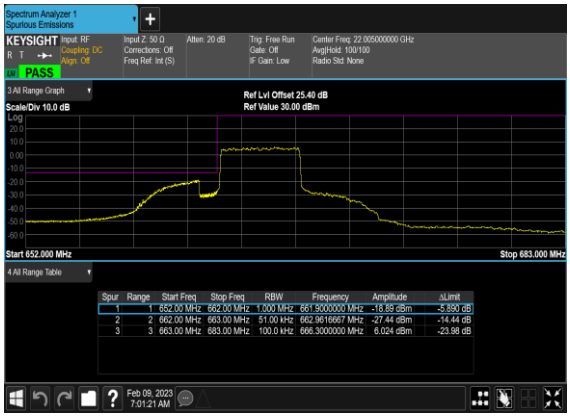
B5_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

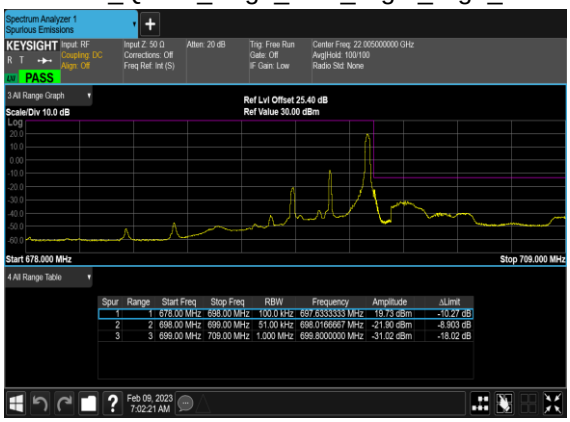


B5_N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

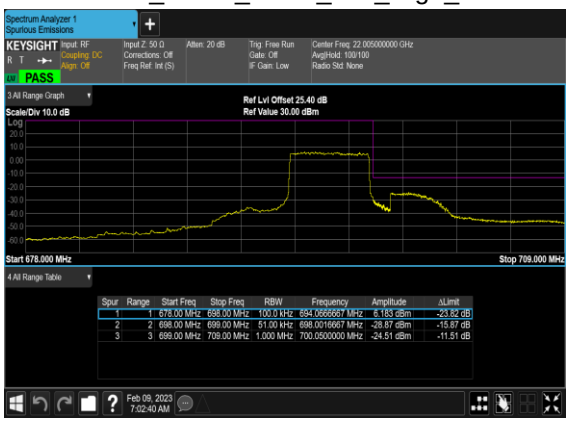


B5_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

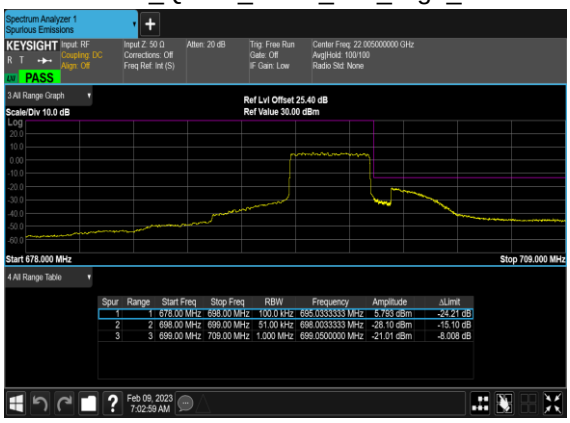
B5_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



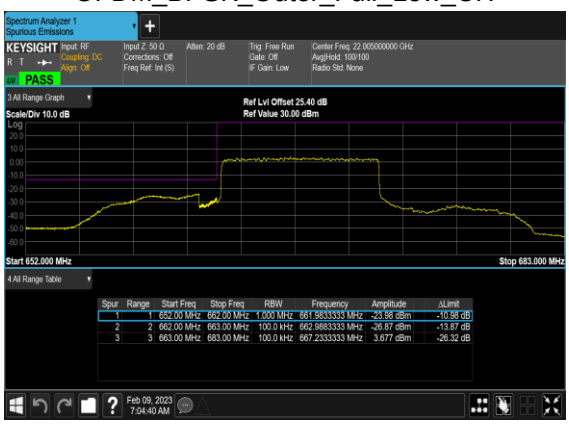
B5_N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



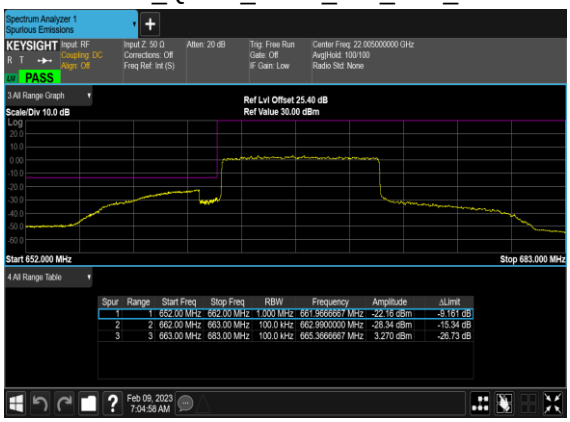
B5_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B5_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

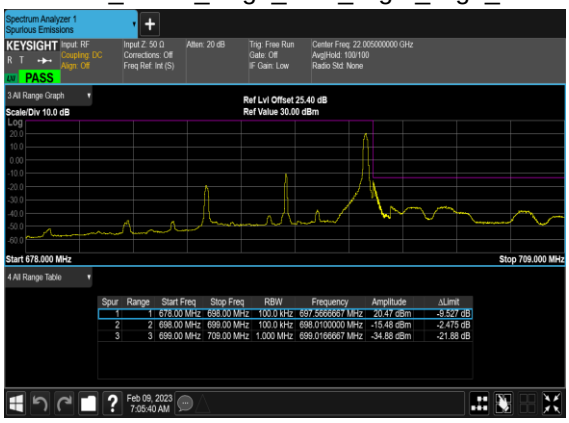
B5_N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



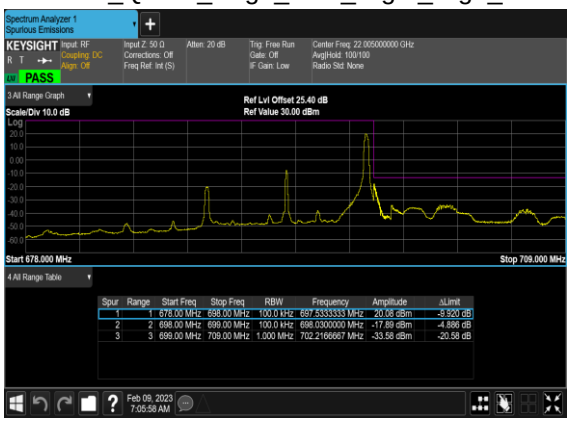
B5_N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



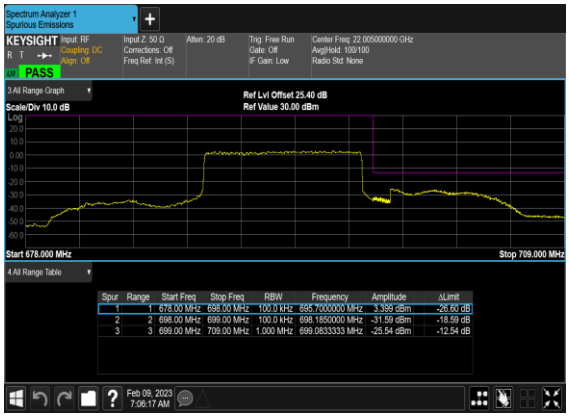
B5_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



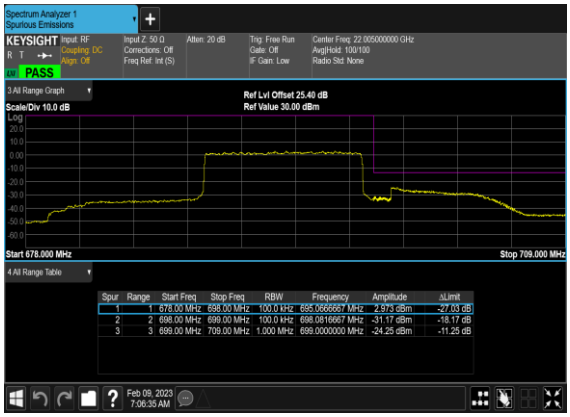
B5_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



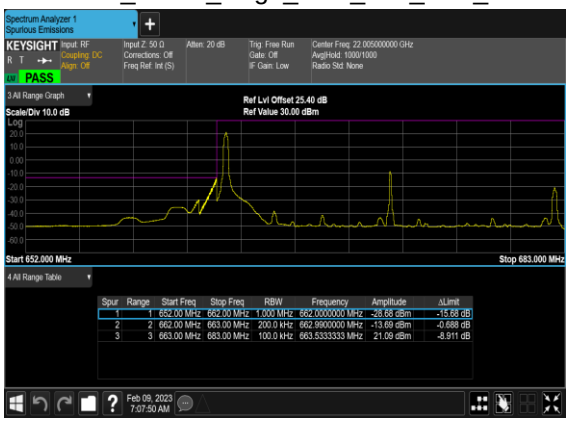
B5_N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



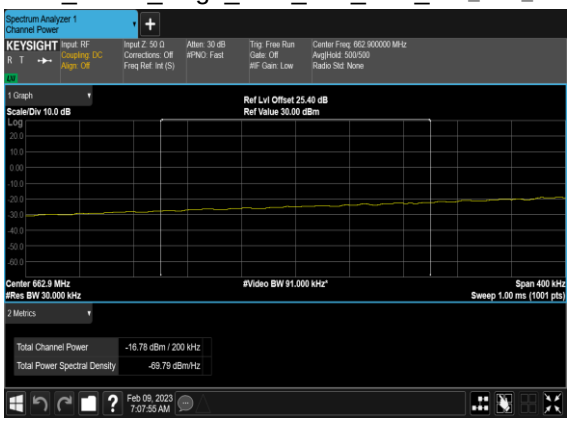
B5_N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



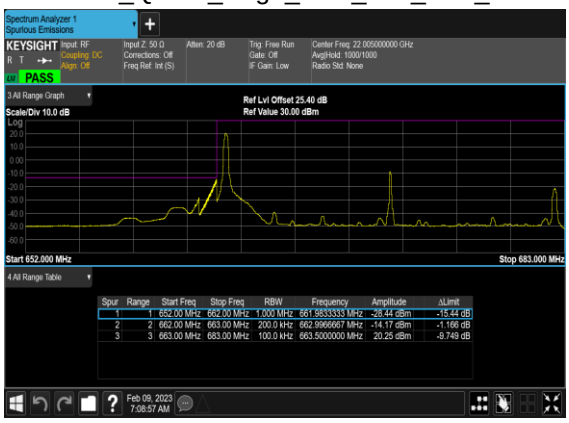
B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



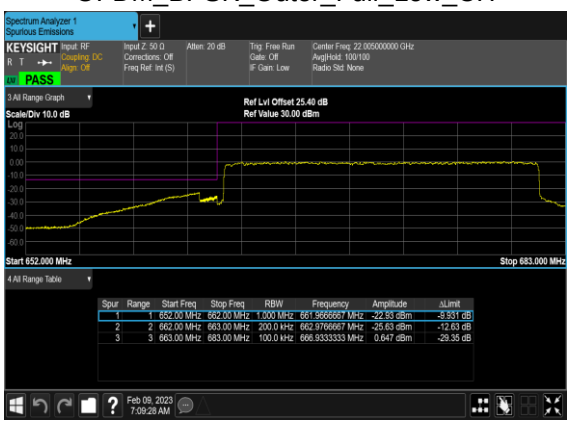
B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



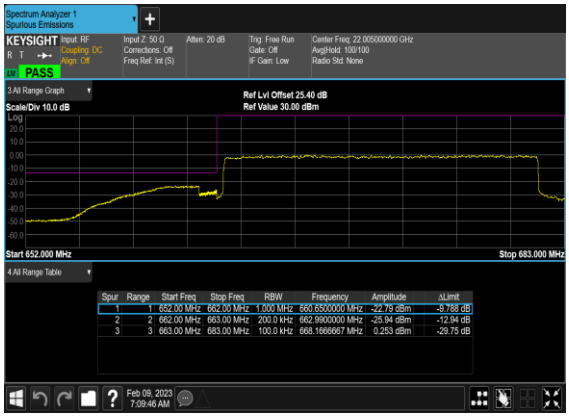
B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



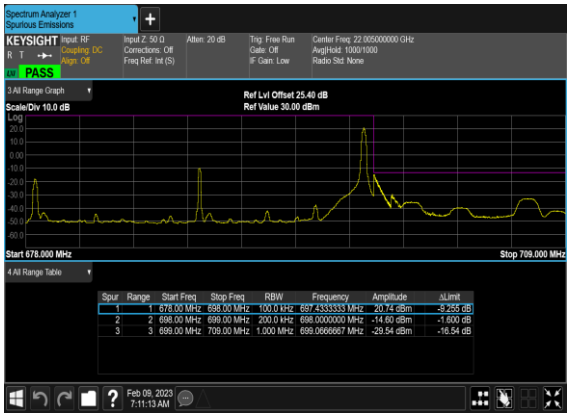
B5_N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



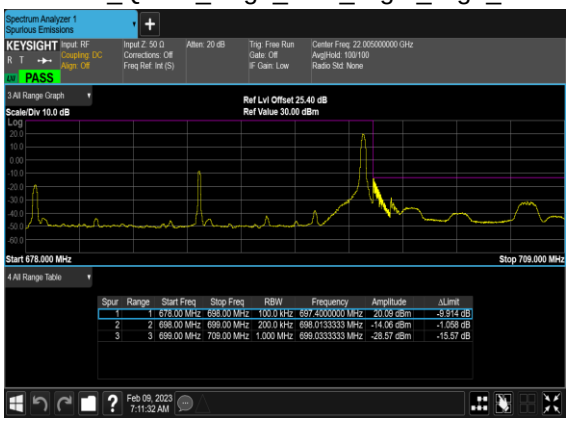
B5_N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



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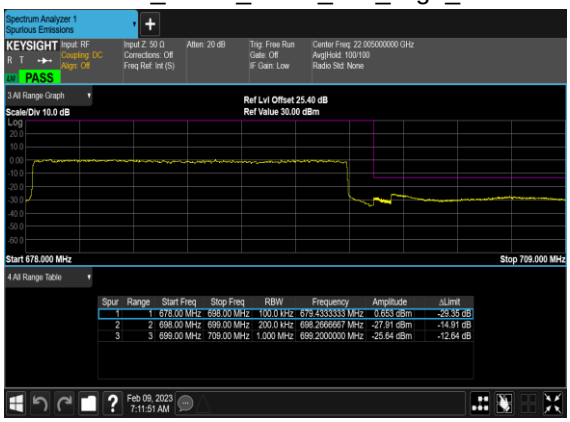
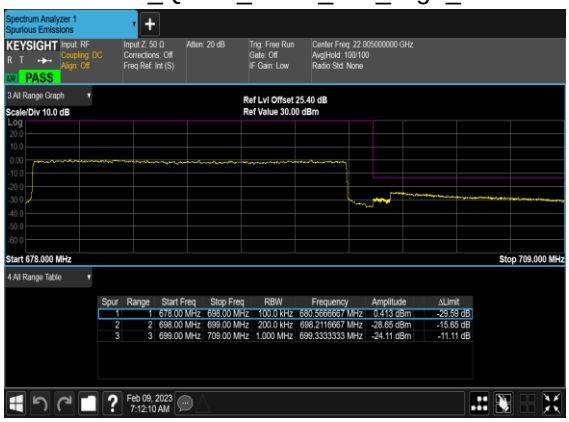


B5_N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25℃
		Relative Humidity :	41~42%

SA n5 / NR 20MHz / QPSK / ANT1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-57.22	-13	-44.22	-64.19	1.58	10.70	H
	2472	-58.97	-13	-45.97	-67.22	2.102	12.50	H
	3304	-61.49	-13	-48.49	-70.38	2.856	13.90	H
	1648	-56.46	-13	-43.46	-63.43	1.58	10.70	V
	2472	-59.54	-13	-46.54	-67.79	2.10	12.50	V
	3304	-61.41	-13	-48.41	-70.30	2.86	13.90	V
Middle	1656	-57.36	-13	-44.36	-64.33	1.58	10.70	H
	2480	-59.45	-13	-46.45	-67.70	2.102	12.50	H
	3312	-61.88	-13	-48.88	-70.77	2.856	13.90	H
	1656	-58.07	-13	-45.07	-65.04	1.58	10.70	V
	2480	-59.30	-13	-46.30	-67.55	2.10	12.50	V
	3312	-61.88	-13	-48.88	-70.77	2.86	13.90	V
Highest	1656	-60.75	-13	-47.75	-67.72	1.58	10.70	H
	2488	-58.66	-13	-45.66	-66.91	2.102	12.50	H
	3320	-62.01	-13	-49.01	-70.90	2.856	13.90	H
	1656	-61.60	-13	-48.60	-68.57	1.58	10.70	V
	2488	-59.69	-13	-46.69	-67.94	2.10	12.50	V
	3320	-61.83	-13	-48.83	-70.72	2.86	13.90	V

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

EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK ANT7(LTE) & ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-55.84	-13	-42.84	-62.81	1.58	10.70	H
	2472	-57.15	-13	-44.15	-65.40	2.102	12.50	H
	3304	-61.59	-13	-48.59	-70.48	2.856	13.90	H
	1648	-56.02	-13	-43.02	-62.99	1.58	10.70	V
	2472	-58.21	-13	-45.21	-66.46	2.10	12.50	V
	3304	-61.60	-13	-48.60	-70.49	2.86	13.90	V
Middle	1656	-56.44	-13	-43.44	-63.41	1.58	10.70	H
	2480	-56.22	-13	-43.22	-64.47	2.102	12.50	H
	3312	-61.86	-13	-48.86	-70.75	2.856	13.90	H
	1656	-56.96	-13	-43.96	-63.93	1.58	10.70	V
	2480	-58.05	-13	-45.05	-66.30	2.10	12.50	V
	3312	-61.62	-13	-48.62	-70.51	2.86	13.90	V
Highest	1656	-60.83	-13	-47.83	-67.80	1.58	10.70	H
	2488	-57.29	-13	-44.29	-65.54	2.102	12.50	H
	3320	-62.08	-13	-49.08	-70.97	2.856	13.90	H
	1656	-61.06	-13	-48.06	-68.03	1.58	10.70	V
	2488	-59.64	-13	-46.64	-67.89	2.10	12.50	V
	3320	-62.21	-13	-49.21	-71.10	2.86	13.90	V

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

SA n12 / NR 15MHz / QPSK / ANT7								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-68.40	-13	-55.40	-75.37	1.58	10.70	H
	2104	-64.21	-13	-51.21	-72.46	2.102	12.50	H
	2808	-61.15	-13	-48.15	-70.04	2.856	13.90	H
	1400	-67.15	-13	-54.15	-74.12	1.58	10.70	V
	2104	-62.70	-13	-49.70	-70.95	2.10	12.50	V
	2808	-59.87	-13	-46.87	-68.76	2.86	13.90	V
Middle	1408	-68.38	-13	-55.38	-75.35	1.58	10.70	H
	2112	-64.00	-13	-51.00	-72.25	2.102	12.50	H
	2808	-61.06	-13	-48.06	-69.95	2.856	13.90	H
	1408	-68.19	-13	-55.19	-75.16	1.58	10.70	V
	2112	-62.86	-13	-49.86	-71.11	2.10	12.50	V
	2808	-59.87	-13	-46.87	-68.76	2.86	13.90	V
Highest	1408	-68.99	-13	-55.99	-75.96	1.58	10.70	H
	2112	-63.94	-13	-50.94	-72.19	2.102	12.50	H
	2816	-61.10	-13	-48.10	-69.99	2.856	13.90	H
	1408	-67.64	-13	-54.64	-74.61	1.58	10.70	V
	2112	-62.85	-13	-49.85	-71.10	2.10	12.50	V
	2816	-59.49	-13	-46.49	-68.38	2.86	13.90	V

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

EN-DC_7A_n12A / LTE 20MHz + NR 15MHz / QPSK ANT1(LTE) & ANT7(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-67.99	-13	-54.99	-74.96	1.58	10.70	H
	2104	-64.05	-13	-51.05	-72.30	2.102	12.50	H
	2808	-60.82	-13	-47.82	-69.71	2.856	13.90	H
	1400	-66.92	-13	-53.92	-73.89	1.58	10.70	V
	2104	-62.92	-13	-49.92	-71.17	2.10	12.50	V
	2808	-60.17	-13	-47.17	-69.06	2.86	13.90	V
Middle	1408	-68.81	-13	-55.81	-75.78	1.58	10.70	H
	2112	-64.22	-13	-51.22	-72.47	2.102	12.50	H
	2808	-61.22	-13	-48.22	-70.11	2.856	13.90	H
	1408	-66.48	-13	-53.48	-73.45	1.58	10.70	V
	2112	-63.03	-13	-50.03	-71.28	2.10	12.50	V
	2808	-59.88	-13	-46.88	-68.77	2.86	13.90	V
Highest	1408	-68.86	-13	-55.86	-75.83	1.58	10.70	H
	2112	-64.17	-13	-51.17	-72.42	2.102	12.50	H
	2816	-61.15	-13	-48.15	-70.04	2.856	13.90	H
	1408	-67.34	-13	-54.34	-74.31	1.58	10.70	V
	2112	-63.35	-13	-50.35	-71.60	2.10	12.50	V
	2816	-59.77	-13	-46.77	-68.66	2.86	13.90	V

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

SA n25 / NR 20MHz / QPSK / ANT1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-58.44	-13	-45.44	-70.70	2.641	14.90	H
	5556	-57.90	-13	-44.90	-69.76	2.94	14.80	H
	7404	-54.56	-13	-41.56	-64.33	3.39	13.16	H
	3705	-58.26	-13	-45.26	-70.52	2.64	14.90	V
	5556	-57.80	-13	-44.80	-69.66	2.94	14.80	V
	7404	-54.85	-13	-41.85	-64.62	3.39	13.16	V
Middle	3726	-42.65	-13	-29.65	-54.91	2.64	14.90	H
	5593	-55.91	-13	-42.91	-67.77	2.94	14.80	H
	7464	-54.33	-13	-41.33	-64.10	3.39	13.16	H
	3726	-45.08	-13	-32.08	-57.34	2.64	14.90	V
	5589	-52.70	-13	-39.70	-64.56	2.94	14.80	V
	7464	-54.32	-13	-41.32	-64.09	3.39	13.16	V
Highest	3753	-58.12	-13	-45.12	-70.38	2.64	14.90	H
	5631	-56.49	-13	-43.49	-68.35	2.94	14.80	H
	7512	-54.46	-13	-41.46	-64.23	3.39	13.16	H
	3753	-58.14	-13	-45.14	-70.40	2.64	14.90	V
	5631	-57.23	-13	-44.23	-69.09	2.94	14.80	V
	7512	-54.38	-13	-41.38	-64.15	3.39	13.16	V

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

EN-DC_12A_n25A / LTE 10MHz + NR 20MHz / QPSK / ANT7(LTE) & ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-47.83	-13	-34.83	-60.09	2.641	14.90	H
	5553	-54.09	-13	-41.09	-65.95	2.94	14.80	H
	7404	-54.43	-13	-41.43	-64.20	3.39	13.16	H
	3702	-58.26	-13	-45.26	-70.52	2.64	14.90	V
	5553	-57.32	-13	-44.32	-69.18	2.94	14.80	V
	7404	-54.49	-13	-41.49	-64.26	3.39	13.16	V
Middle	3747	-45.59	-13	-32.59	-57.85	2.64	14.90	H
	5619	-54.85	-13	-41.85	-66.71	2.94	14.80	H
	7488	-54.15	-13	-41.15	-63.92	3.39	13.16	H
	3747	-50.45	-13	-37.45	-62.71	2.64	14.90	V
	5619	-56.39	-13	-43.39	-68.25	2.94	14.80	V
	7488	-54.20	-13	-41.20	-63.97	3.39	13.16	V
Highest	3792	-46.92	-13	-33.92	-59.18	2.64	14.90	H
	5688	-53.24	-13	-40.24	-65.10	2.94	14.80	H
	7584	-54.13	-13	-41.13	-63.90	3.39	13.16	H
	3792	-52.19	-13	-39.19	-64.45	2.64	14.90	V
	5688	-54.05	-13	-41.05	-65.91	2.94	14.80	V
	7584	-53.96	-13	-40.96	-63.73	3.39	13.16	V

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

EN-DC_26A_n25A / LTE 15MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT7(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-54.12	-13	-41.12	-66.38	2.641	14.90	H
	5550	-50.24	-13	-37.24	-62.10	2.94	14.80	H
	7410	-53.70	-13	-40.70	-63.47	3.39	13.16	H
	3705	-53.67	-13	-40.67	-65.93	2.64	14.90	V
	5550	-48.97	-13	-35.97	-60.83	2.94	14.80	V
	7410	-52.73	-13	-39.73	-62.50	3.39	13.16	V
Middle	3750	-55.83	-13	-42.83	-68.09	2.64	14.90	H
	5625	-51.34	-13	-38.34	-63.20	2.94	14.80	H
	7500	-52.93	-13	-39.93	-62.70	3.39	13.16	H
	3750	-54.64	-13	-41.64	-66.90	2.64	14.90	V
	5625	-47.98	-13	-34.98	-59.84	2.94	14.80	V
	7500	-51.99	-13	-38.99	-61.76	3.39	13.16	V
Highest	3795	-56.60	-13	-43.60	-68.86	2.64	14.90	H
	5685	-51.33	-13	-38.33	-63.19	2.94	14.80	H
	7590	-52.03	-13	-39.03	-61.80	3.39	13.16	H
	3795	-55.06	-13	-42.06	-67.32	2.64	14.90	V
	5685	-46.63	-13	-33.63	-58.49	2.94	14.80	V
	7590	-48.77	-13	-35.77	-58.54	3.39	13.16	V

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

SA n71 / NR 20MHz / QPSK / ANT1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-62.05	-13	-49.05	-63.80	1.02	4.92	H
	1992	-63.69	-13	-50.69	-65.66	1.27	5.39	H
	2656	-62.32	-13	-49.32	-65.25	1.49	6.57	H
	1328	-66.14	-13	-53.14	-67.89	1.02	4.92	V
	1992	-62.88	-13	-49.88	-64.85	1.27	5.39	V
	2656	-61.38	-13	-48.38	-64.31	1.49	6.57	V
Middle	1344	-64.78	-13	-51.78	-66.53	1.02	4.92	H
	2016	-63.86	-13	-50.86	-65.83	1.27	5.39	H
	2688	-61.35	-13	-48.35	-64.28	1.49	6.57	H
	1344	-67.20	-13	-54.20	-68.95	1.02	4.92	V
	2016	-62.74	-13	-49.74	-64.71	1.27	5.39	V
	2688	-61.33	-13	-48.33	-64.26	1.49	6.57	V
Highest	1360	-65.21	-13	-52.21	-66.96	1.02	4.92	H
	2040	-63.74	-13	-50.74	-65.71	1.27	5.39	H
	2712	-61.83	-13	-48.83	-64.76	1.49	6.57	H
	1360	-67.48	-13	-54.48	-69.23	1.02	4.92	V
	2040	-62.97	-13	-49.97	-64.94	1.27	5.39	V
	2712	-61.02	-13	-48.02	-63.95	1.49	6.57	V

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

EN-DC_5A_n71A / LTE 10MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT7(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-61.92	-13	-48.92	-63.67	1.02	4.92	H
	1992	-63.37	-13	-50.37	-65.34	1.27	5.39	H
	2656	-62.31	-13	-49.31	-65.24	1.49	6.57	H
	1328	-66.81	-13	-53.81	-68.56	1.02	4.92	V
	1992	-62.69	-13	-49.69	-64.66	1.27	5.39	V
	2656	-61.65	-13	-48.65	-64.58	1.49	6.57	V
Middle	1344	-63.86	-13	-50.86	-65.61	1.02	4.92	H
	2016	-63.87	-13	-50.87	-65.84	1.27	5.39	H
	2688	-61.56	-13	-48.56	-64.49	1.49	6.57	H
	1344	-67.07	-13	-54.07	-68.82	1.02	4.92	V
	2016	-62.16	-13	-49.16	-64.13	1.27	5.39	V
	2688	-61.26	-13	-48.26	-64.19	1.49	6.57	V
Highest	1360	-63.97	-13	-50.97	-65.72	1.02	4.92	H
	2040	-63.82	-13	-50.82	-65.79	1.27	5.39	H
	2712	-61.19	-13	-48.19	-64.12	1.49	6.57	H
	1360	-66.79	-13	-53.79	-68.54	1.02	4.92	V
	2040	-63.02	-13	-50.02	-64.99	1.27	5.39	V
	2712	-61.01	-13	-48.01	-63.94	1.49	6.57	V

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

EN-DC_7A_n71A / LTE 20MHz + NR 20MHz / QPSK / ANT7(LTE) & ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-61.52	-13	-48.52	-63.27	1.02	4.92	H
	1992	-63.37	-13	-50.37	-65.34	1.27	5.39	H
	2656	-56.92	-13	-43.92	-59.85	1.49	6.57	H
	1328	-66.68	-13	-53.68	-68.43	1.02	4.92	V
	1992	-62.92	-13	-49.92	-64.89	1.27	5.39	V
	2656	-60.72	-13	-47.72	-63.65	1.49	6.57	V
Middle	1344	-62.06	-13	-49.06	-63.81	1.02	4.92	H
	2016	-63.63	-13	-50.63	-65.60	1.27	5.39	H
	2688	-60.91	-13	-47.91	-63.84	1.49	6.57	H
	1344	-66.13	-13	-53.13	-67.88	1.02	4.92	V
	2016	-61.83	-13	-48.83	-63.80	1.27	5.39	V
	2688	-60.95	-13	-47.95	-63.88	1.49	6.57	V
Highest	1360	-63.62	-13	-50.62	-65.37	1.02	4.92	H
	2040	-63.62	-13	-50.62	-65.59	1.27	5.39	H
	2712	-60.95	-13	-47.95	-63.88	1.49	6.57	H
	1360	-66.62	-13	-53.62	-68.37	1.02	4.92	V
	2040	-63.03	-13	-50.03	-65.00	1.27	5.39	V
	2712	-60.86	-13	-47.86	-63.79	1.49	6.57	V

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