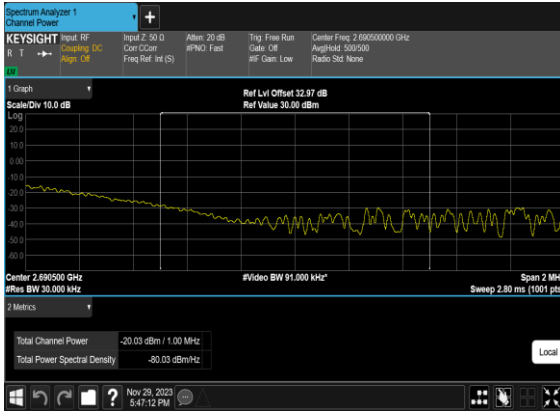


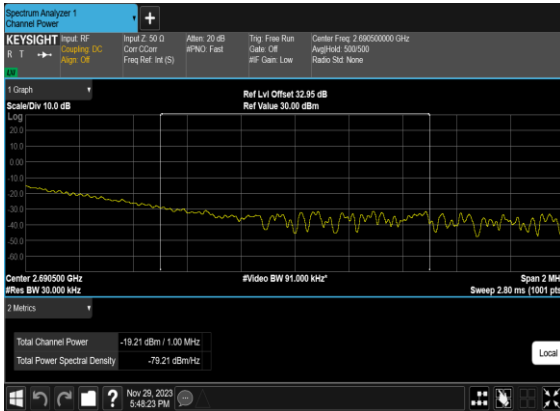
N41(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



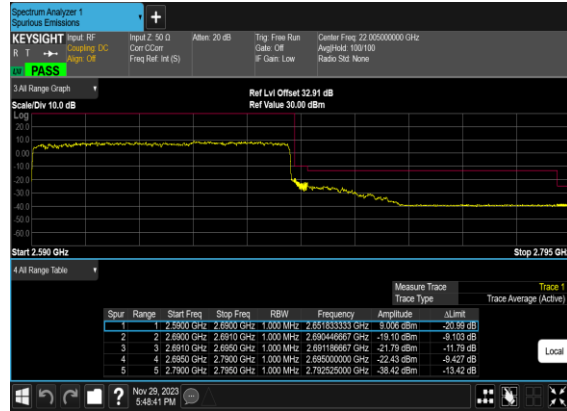
N41(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



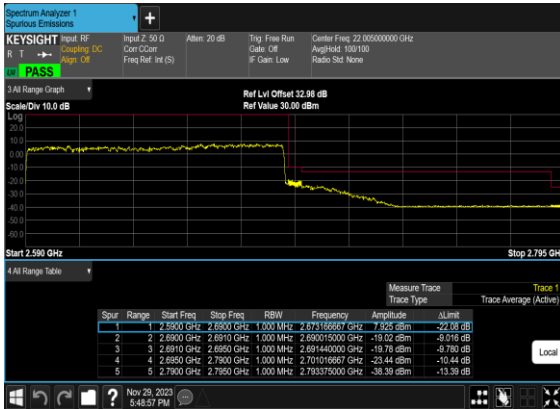
N41(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N41(100M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N71(ANT1)

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=1.35dB

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	23.6	22.8	0.1905
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	22.78	21.98	0.1578
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.1	22.3	0.1698
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.29	21.49	0.1409
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.02	22.22	0.1667
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	22.09	21.29	0.1346
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	23.57	22.77	0.1892
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	22.71	21.91	0.1552
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.31	22.51	0.1782
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.31	21.51	0.1416
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	22.98	22.18	0.1652
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	22.11	21.31	0.1352
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.53	22.73	0.1875
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	22.65	21.85	0.1531
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.29	22.49	0.1774
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.42	21.62	0.1452
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.13	22.33	0.1710
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	22.14	21.34	0.1361
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.37	22.57	0.1807
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.44	22.64	0.1837
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.07	22.27	0.1687
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.36	22.56	0.1803
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	23.61	22.81	0.1910
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.25	22.45	0.1758
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.38	21.58	0.1439
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	22.64	21.84	0.1528
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	22.2	21.4	0.1380
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	20.91	20.11	0.1026
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.08	20.28	0.1067

71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	20.81	20.01	0.1002
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.81	18.01	0.0632
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.38	17.58	0.0573
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.23	17.43	0.0553
71	15	20	134600	673	CP-OFDM QPSK	53@26	21.82	21.02	0.1265
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.04	21.24	0.1330
71	15	20	134600	673	CP-OFDM QPSK	1@104	21.71	20.91	0.1233
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.12	22.32	0.1706
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.31	22.51	0.1782
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.06	22.26	0.1683
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.21	22.41	0.1742
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.32	22.52	0.1786
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.03	22.23	0.1671
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.23	21.43	0.1390
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.36	21.56	0.1432
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	22.03	21.23	0.1327
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	20.75	19.95	0.0989
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.92	20.12	0.1028
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	20.57	19.77	0.0948
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	18.65	17.85	0.0610
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.64	17.84	0.0608
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.58	17.78	0.0600
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	21.7	20.9	0.1230
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	22.01	21.21	0.1321
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	21.65	20.85	0.1216
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.13	22.33	0.1710
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.16	22.36	0.1722
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	22.93	22.13	0.1633
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.15	22.35	0.1718
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	23.17	22.37	0.1726
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23	22.2	0.1660
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.08	21.28	0.1343
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.3	21.5	0.1413
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	22.07	21.27	0.1340
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	20.65	19.85	0.0966

71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	20.77	19.97	0.0993
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	20.59	19.79	0.0953
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	18.58	17.78	0.0600
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.14	17.34	0.0542
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.05	17.25	0.0531
71	15	20	137600	688	CP-OFDM QPSK	53@26	21.67	20.87	0.1222
71	15	20	137600	688	CP-OFDM QPSK	1@1	21.79	20.99	0.1256
71	15	20	137600	688	CP-OFDM QPSK	1@104	21.53	20.73	0.1183

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	0.0055	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0023	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0069	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0054	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0027	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0063	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0055	PASS	50°C

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	4.23	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.71	13	PASS

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



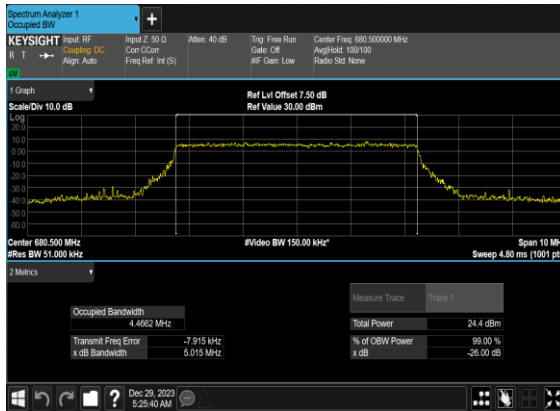
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



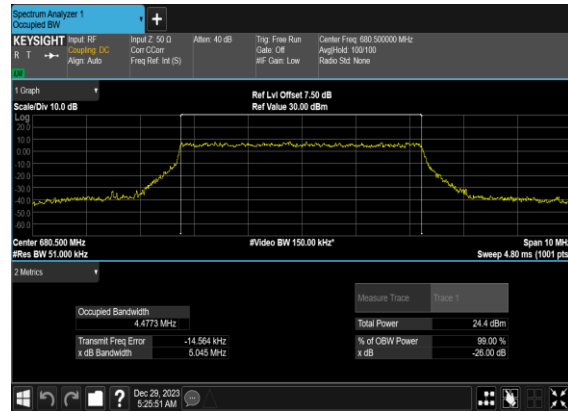
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4662	5.015
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4773	5.045
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4647	5.008
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4818	5.147
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2689	9.994
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2702	9.879
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2552	9.909
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2655	9.995
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.073	14.77
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.098	14.82
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.071	14.77
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.083	14.9
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.879	19.96
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.893	19.81
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.869	19.68
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.872	19.83

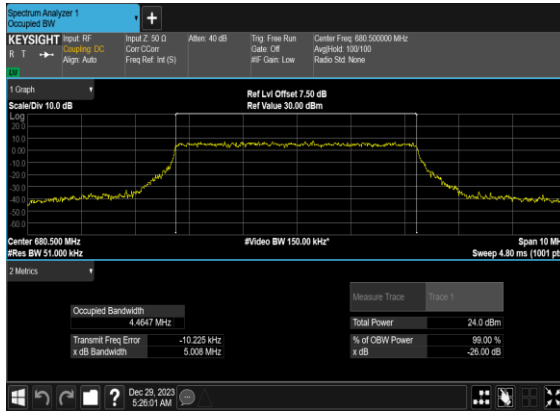
N71(5M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



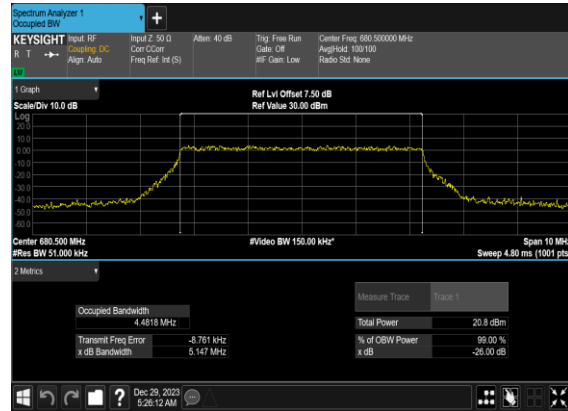
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



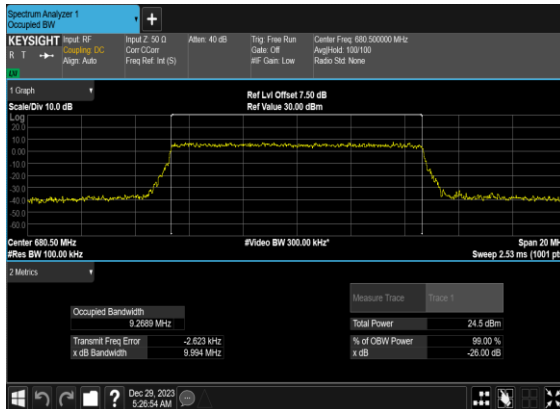
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



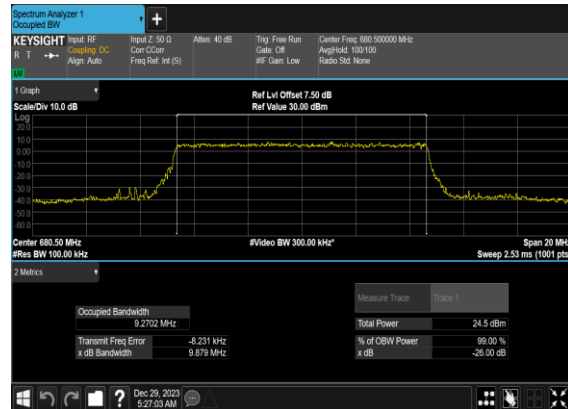
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



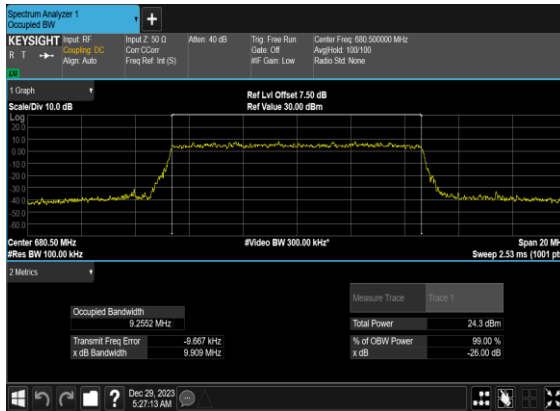
N71(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



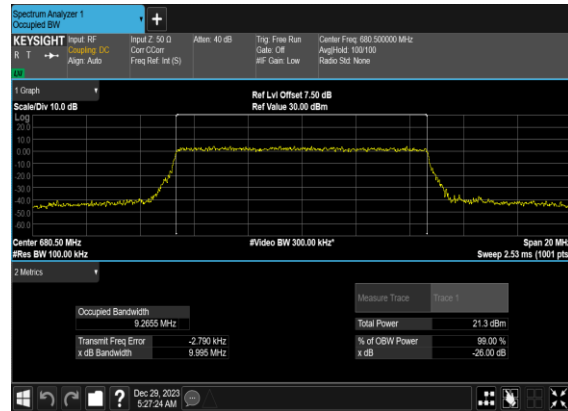
N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



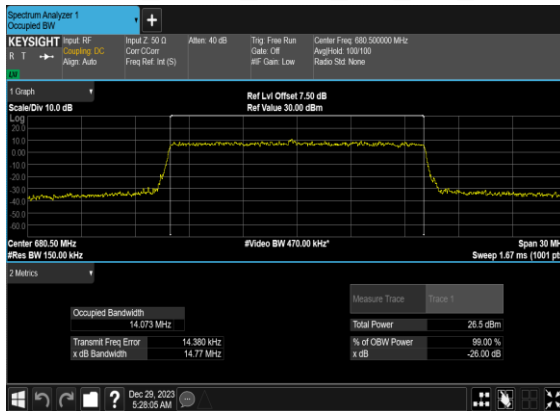
N71(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



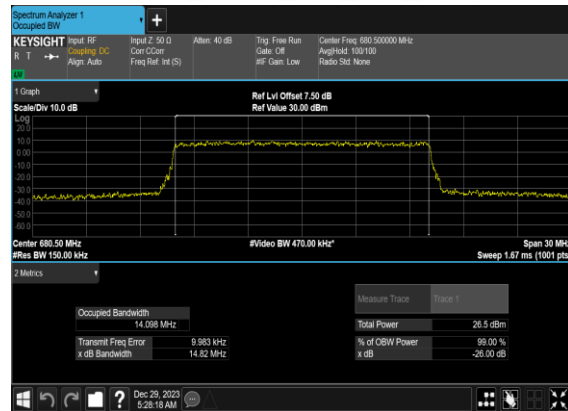
N71(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



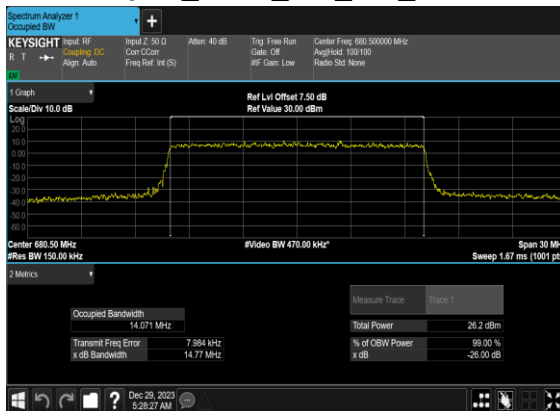
N71(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



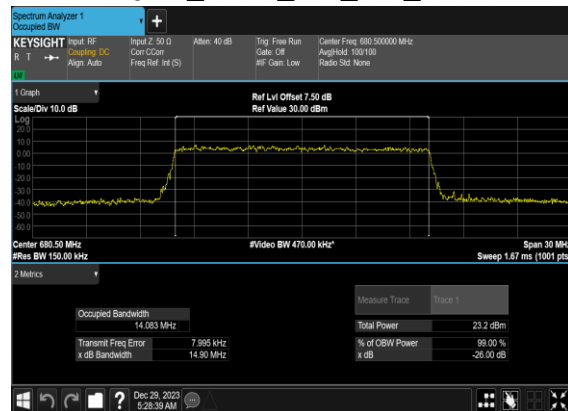
N71(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



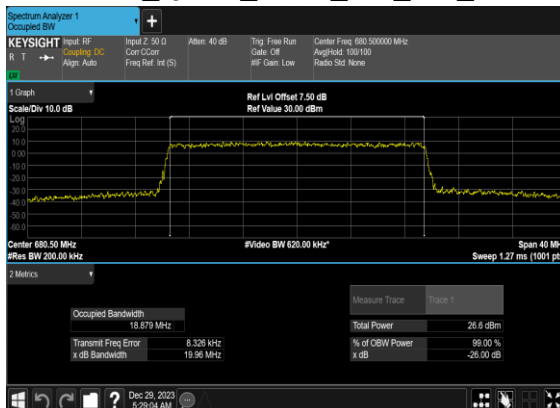
N71(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



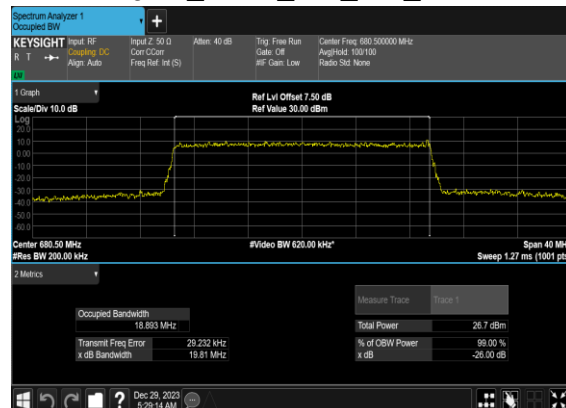
N71(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



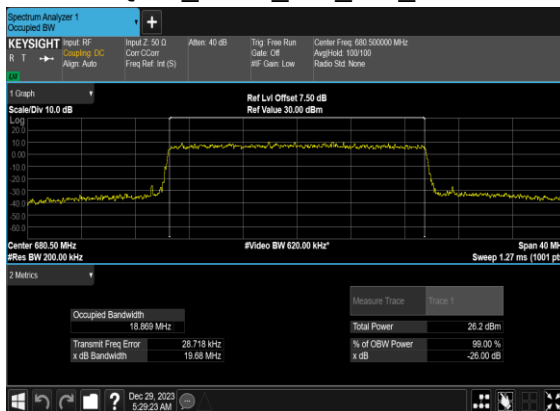
N71(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



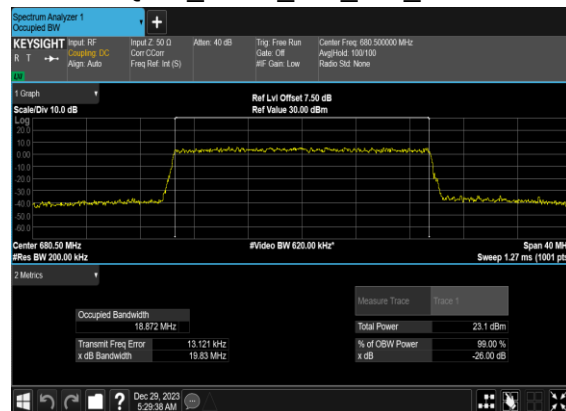
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

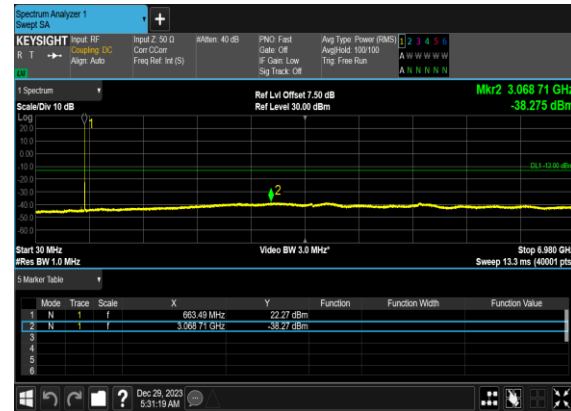
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS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

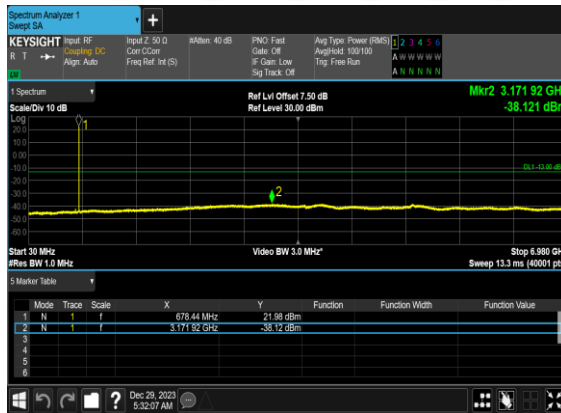
N71(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



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



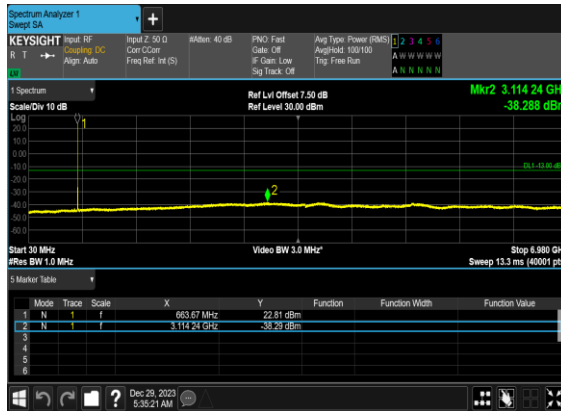
N71(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



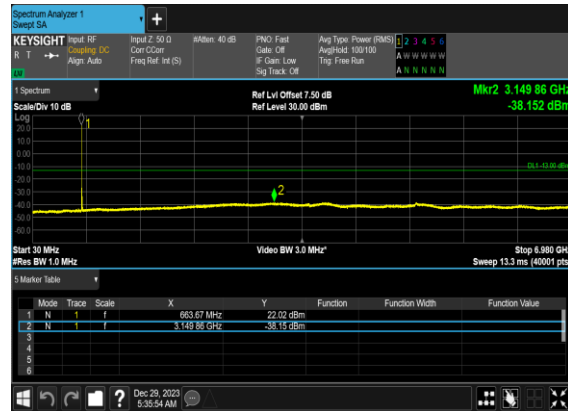
N71(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



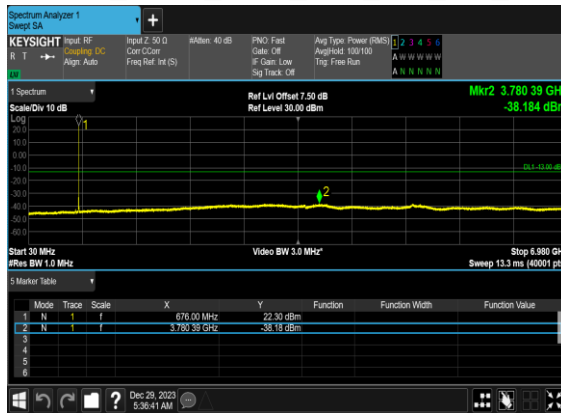
N71(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



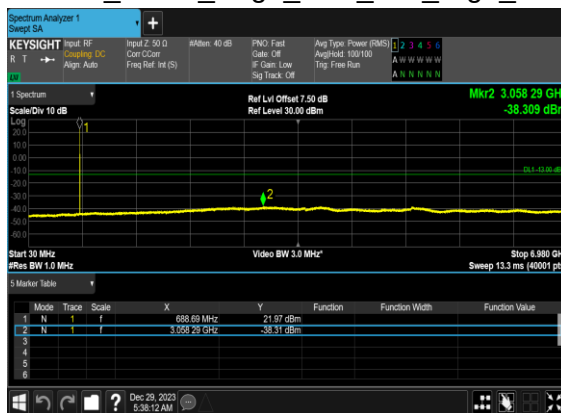
N71(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



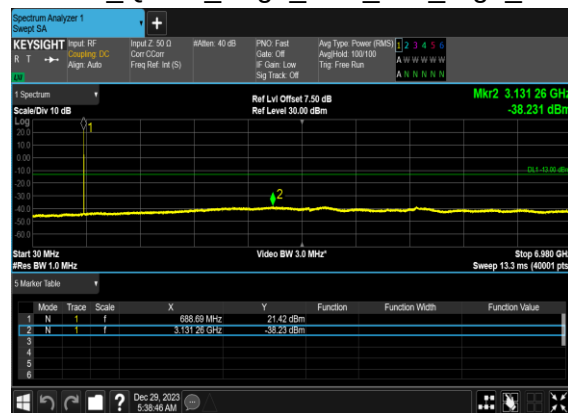
N71(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



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



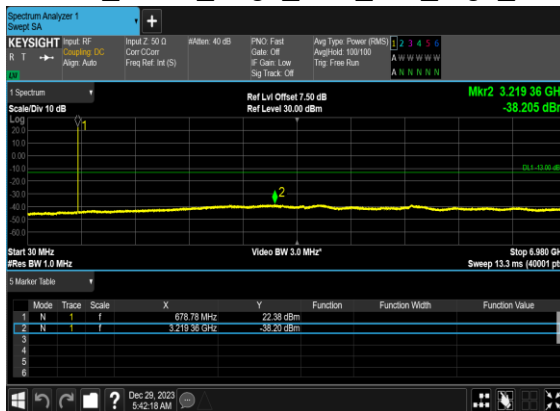
N71(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



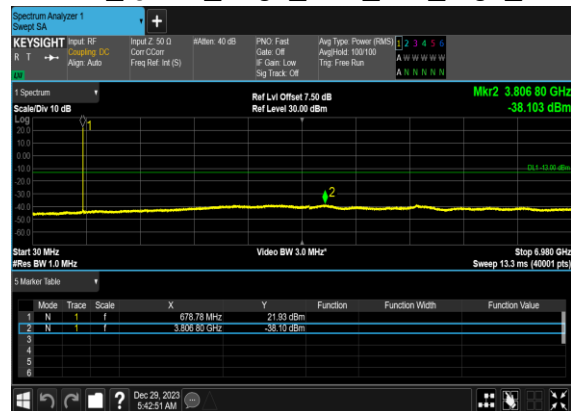
N71(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH

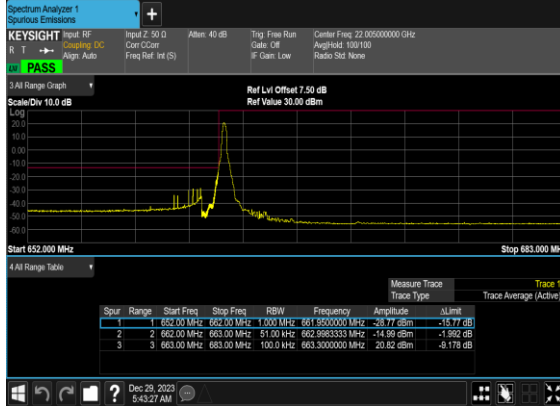


Conducted Band Edge

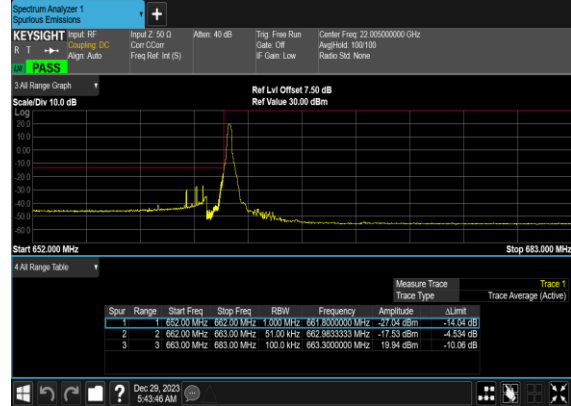
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	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

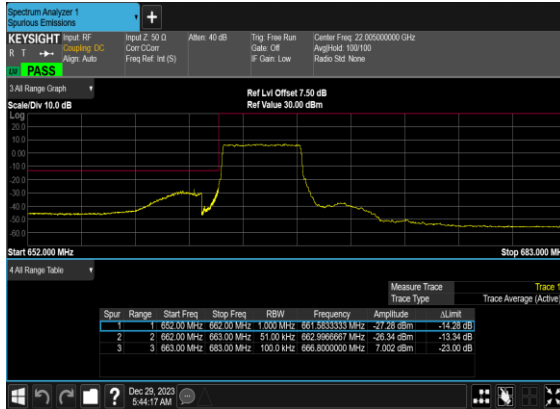
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



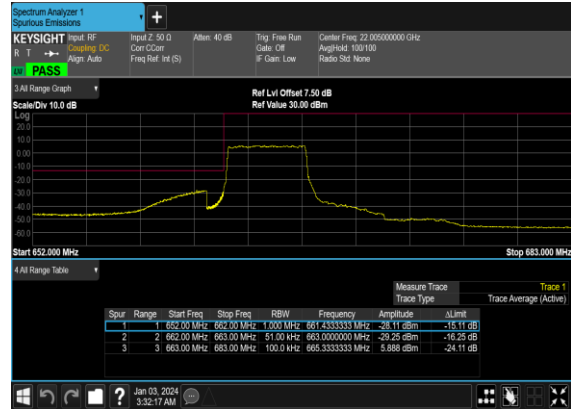
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



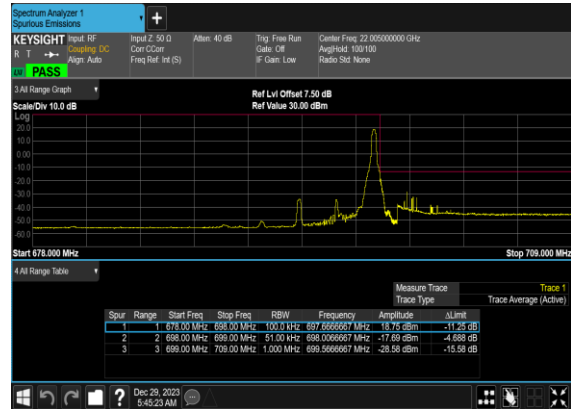
N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



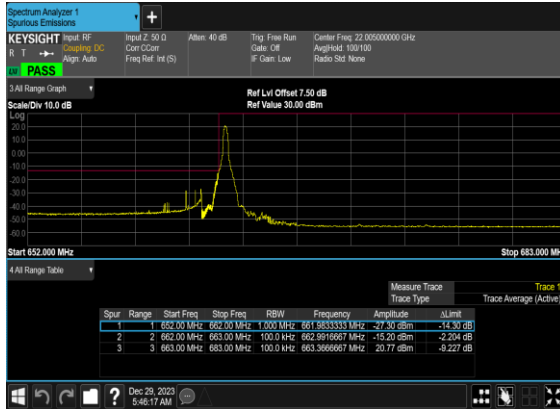
N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



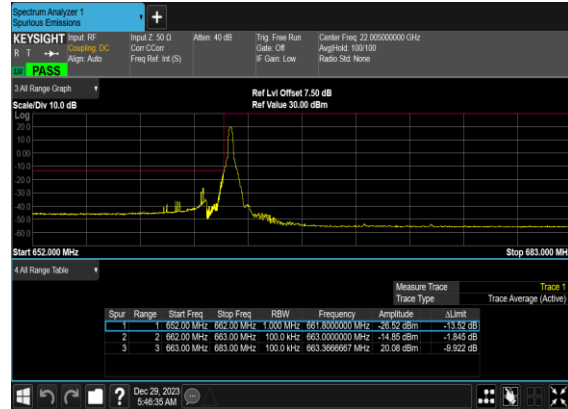
N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



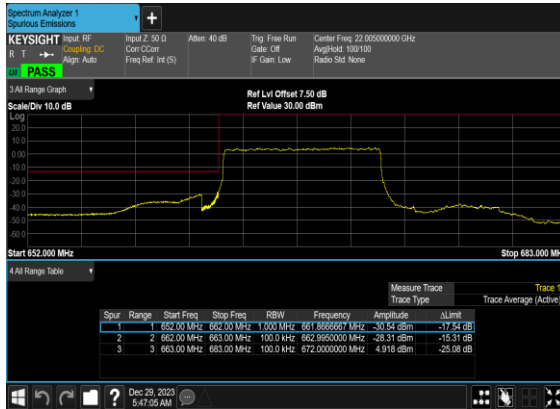
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



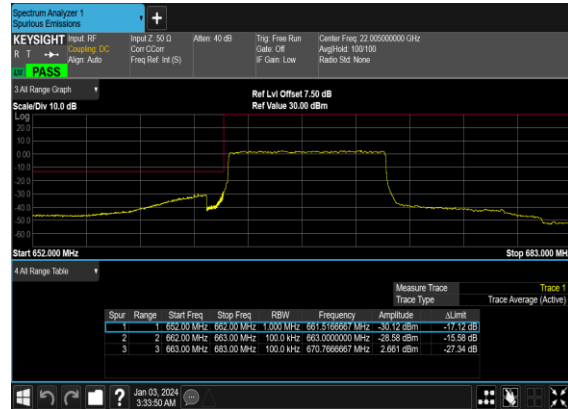
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



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



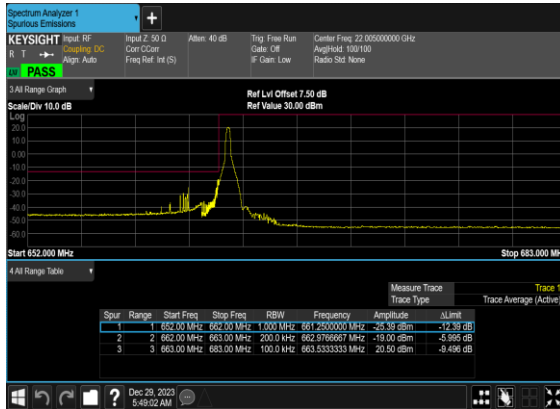
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



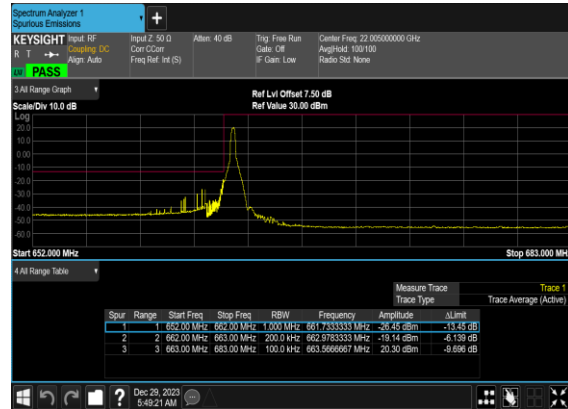
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



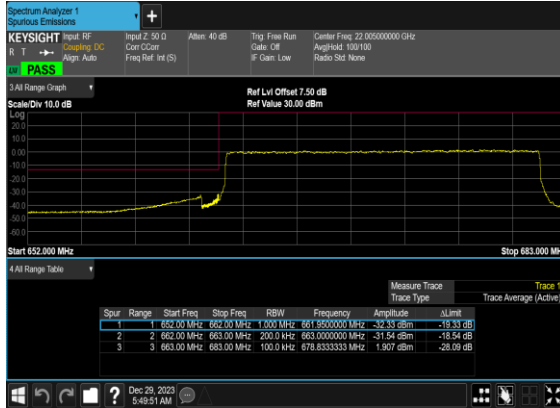
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



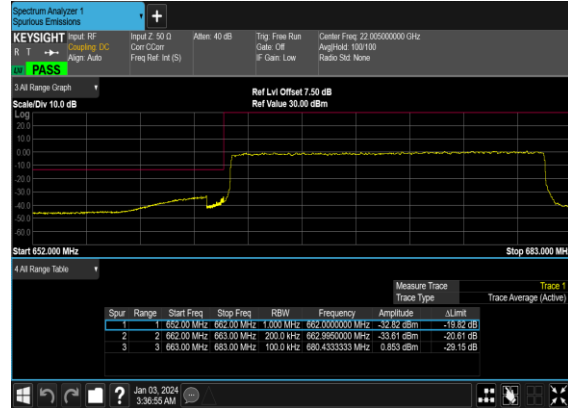
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



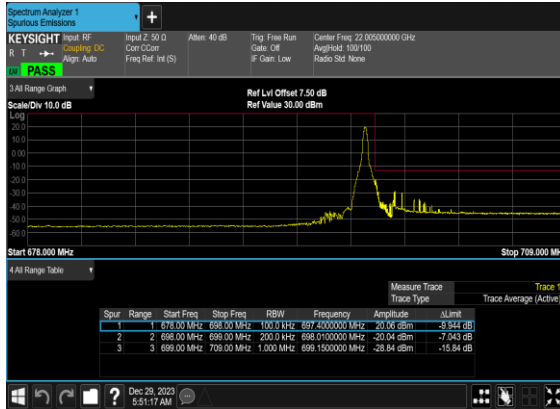
N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



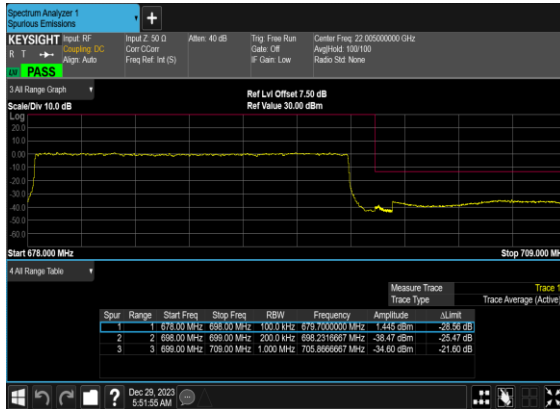
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



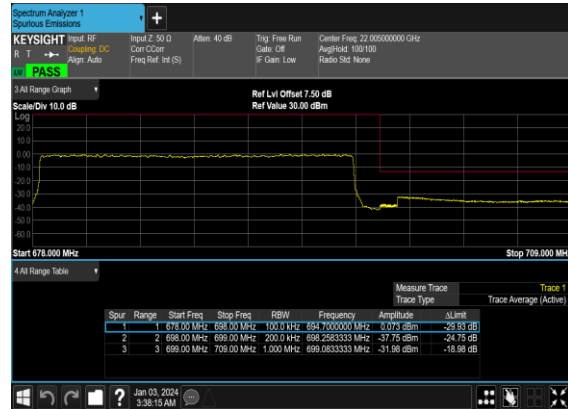
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

n7 SA / NR 40MHz / 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	4994	-51.62	-25	-26.62	-61.83	3.03	13.24	H
	7500	-61.50	-25	-36.50	-70.95	3.56	13.01	H
	10006	-59.81	-25	-34.81	-69.33	3.92	13.44	H
	4994	-56.23	-25	-31.23	-66.44	3.03	13.24	V
	7500	-58.86	-25	-33.86	-68.31	3.56	13.01	V
	10006	-58.73	-25	-33.73	-68.25	3.92	13.44	V
Middle	5036	-49.57	-25	-24.57	-59.78	3.03	13.24	H
	7542	-60.45	-25	-35.45	-69.90	3.56	13.01	H
	10062	-57.65	-25	-32.65	-67.17	3.92	13.44	H
	5036	-54.42	-25	-29.42	-64.63	3.03	13.24	V
	7542	-59.79	-25	-34.79	-69.24	3.56	13.01	V
	10062	-57.68	-25	-32.68	-67.20	3.92	13.44	V
Highest	5064	-53.10	-25	-28.10	-63.31	3.03	13.24	H
	7598	-59.33	-25	-34.33	-68.78	3.56	13.01	H
	10118	-59.47	-25	-34.47	-68.99	3.92	13.44	H
	5064	-55.29	-25	-30.29	-65.50	3.03	13.24	V
	7598	-59.12	-25	-34.12	-68.57	3.56	13.01	V
	10118	-59.43	-25	-34.43	-68.95	3.92	13.44	V

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



n12 SA / NR 15MHz / 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	1400	-68.22	-13	-55.22	-75.19	1.58	10.70	H
	2096	-64.36	-13	-51.36	-72.61	2.102	12.50	H
	2800	-60.33	-13	-47.33	-69.22	2.856	13.90	H
	1400	-67.63	-13	-54.63	-74.60	1.58	10.70	V
	2096	-63.24	-13	-50.24	-71.49	2.10	12.50	V
	2800	-59.94	-13	-46.94	-68.83	2.86	13.90	V
Middle	1400	-68.97	-13	-55.97	-75.94	1.58	10.70	H
	2104	-63.59	-13	-50.59	-71.84	2.102	12.50	H
	2800	-60.25	-13	-47.25	-69.14	2.856	13.90	H
	1400	-66.77	-13	-53.77	-73.74	1.58	10.70	V
	2104	-62.52	-13	-49.52	-70.77	2.10	12.50	V
	2800	-60.02	-13	-47.02	-68.91	2.86	13.90	V
Highest	1400	-68.89	-13	-55.89	-75.86	1.58	10.70	H
	2104	-63.77	-13	-50.77	-72.02	2.102	12.50	H
	2808	-60.57	-13	-47.57	-69.46	2.856	13.90	H
	1400	-67.15	-13	-54.15	-74.12	1.58	10.70	V
	2104	-62.89	-13	-49.89	-71.14	2.10	12.50	V
	2808	-60.09	-13	-47.09	-68.98	2.86	13.90	V

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

n13 SA / NR 5MHz / 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	1552	-68.27	-13	-55.27	-70.90	1.09	5.87	H
	2336	-62.30	-13	-49.30	-64.70	1.37	5.92	H
	3112	-61.53	-13	-48.53	-65.42	1.64	7.68	H
	1552	-67.37	-13	-54.37	-70.00	1.09	5.87	V
	2336	-60.66	-13	-47.66	-63.06	1.37	5.92	V
	3112	-61.41	-13	-48.41	-65.30	1.64	7.68	V
Middle	1560	-67.58	-42.15	-25.43	-70.21	1.09	5.87	H
	2336	-61.91	-13	-48.91	-64.31	1.37	5.92	H
	3120	-61.36	-13	-48.36	-65.25	1.64	7.68	H
	1560	-66.63	-42.15	-24.48	-69.26	1.09	5.87	V
	2336	-61.00	-13	-48.00	-63.40	1.37	5.92	V
	3120	-61.14	-13	-48.14	-65.03	1.64	7.68	V
Highest	1568	-67.44	-42.15	-25.29	-70.07	1.09	5.87	H
	2344	-62.11	-13	-49.11	-64.51	1.37	5.92	H
	3128	-61.41	-13	-48.41	-65.30	1.64	7.68	H
	1568	-66.81	-42.15	-24.66	-69.44	1.09	5.87	V
	2344	-60.93	-13	-47.93	-63.33	1.37	5.92	V
	3128	-60.78	-13	-47.78	-64.67	1.64	7.68	V

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

n13 SA / NR 10MHz / 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)
Middle	1552	-68.04	-13	-55.04	-70.67	1.09	5.87	H
	2336	-61.95	-13	-48.95	-64.35	1.37	5.92	H
	3112	-61.42	-13	-48.42	-65.31	1.64	7.68	H
	1552	-66.97	-13	-53.97	-69.60	1.09	5.87	V
	2336	-60.69	-13	-47.69	-63.09	1.37	5.92	V
	3112	-60.82	-13	-47.82	-64.71	1.64	7.68	V

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

n41 SA / NR 100MHz / 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	5008	-65.86	-25	-40.86	-76.07	3.03	13.24	H
	7500	-64.03	-25	-39.03	-73.48	3.56	13.01	H
	10006	-62.73	-25	-37.73	-72.25	3.92	13.44	H
	5008	-66.05	-25	-41.05	-76.26	3.03	13.24	V
	7500	-64.15	-25	-39.15	-73.60	3.56	13.01	V
	10006	-63.08	-25	-38.08	-72.60	3.92	13.44	V
Middle	5092	-66.09	-25	-41.09	-76.30	3.03	13.24	H
	7640	-64.21	-25	-39.21	-73.66	3.56	13.01	H
	10188	-63.07	-25	-38.07	-72.59	3.92	13.44	H
	5092	-66.20	-25	-41.20	-76.41	3.03	13.24	V
	7640	-64.37	-25	-39.37	-73.82	3.56	13.01	V
	10188	-63.42	-25	-38.42	-72.94	3.92	13.44	V
Highest	5190	-66.32	-25	-41.32	-76.53	3.03	13.24	H
	7780	-64.42	-25	-39.42	-73.87	3.56	13.01	H
	10384	-63.21	-25	-38.21	-72.73	3.92	13.44	H
	5190	-66.31	-25	-41.31	-76.52	3.03	13.24	V
	7780	-63.42	-25	-38.42	-72.87	3.56	13.01	V
	10384	-63.16	-25	-38.16	-72.68	3.92	13.44	V

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



n71 SA / 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	1328	-68.93	-13	-55.93	-70.68	1.02	4.92	H
	1992	-63.12	-13	-50.12	-65.09	1.27	5.39	H
	2656	-61.76	-13	-48.76	-64.69	1.49	6.57	H
	1328	-68.14	-13	-55.14	-69.89	1.02	4.92	V
	1992	-62.63	-13	-49.63	-64.60	1.27	5.39	V
	2656	-60.98	-13	-47.98	-63.91	1.49	6.57	V
Middle	1344	-69.14	-13	-56.14	-70.89	1.02	4.92	H
	2016	-63.12	-13	-50.12	-65.09	1.27	5.39	H
	2688	-61.11	-13	-48.11	-64.04	1.49	6.57	H
	1344	-68.52	-13	-55.52	-70.27	1.02	4.92	V
	2016	-62.62	-13	-49.62	-64.59	1.27	5.39	V
	2688	-60.53	-13	-47.53	-63.46	1.49	6.57	V
Highest	1360	-68.87	-13	-55.87	-70.62	1.02	4.92	H
	2040	-63.83	-13	-50.83	-65.80	1.27	5.39	H
	2720	-60.94	-13	-47.94	-63.87	1.49	6.57	H
	1360	-68.18	-13	-55.18	-69.93	1.02	4.92	V
	2040	-62.53	-13	-49.53	-64.50	1.27	5.39	V
	2720	-60.47	-13	-47.47	-63.40	1.49	6.57	V

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