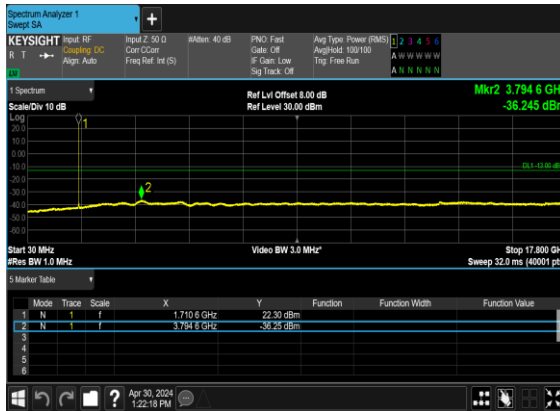
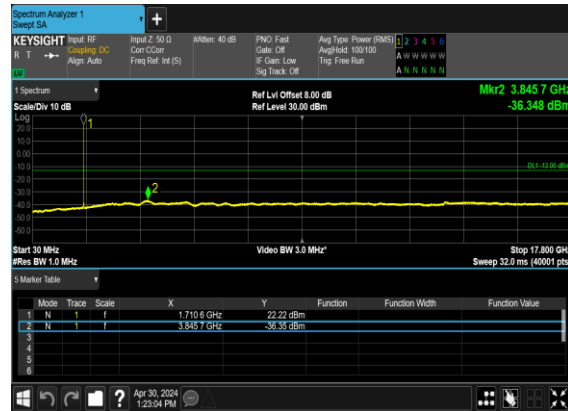


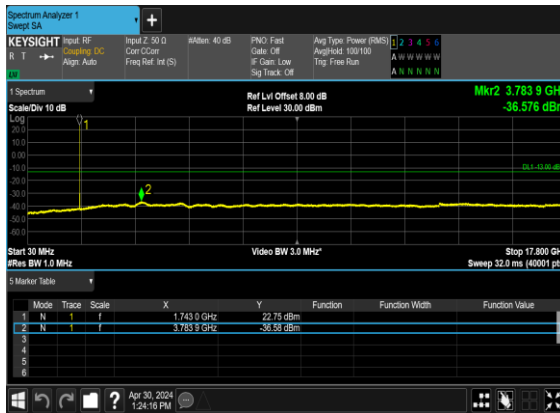
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



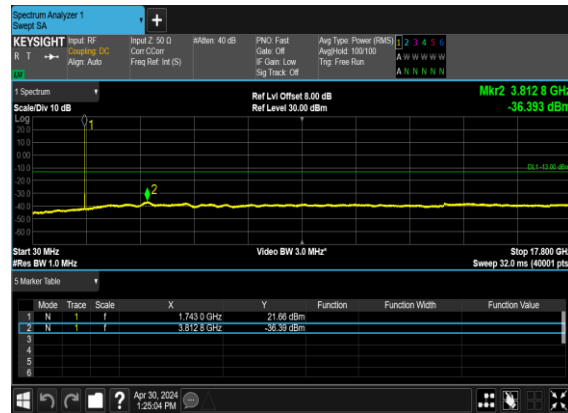
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



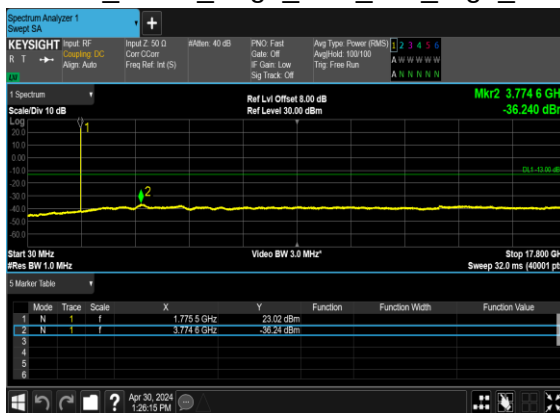
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



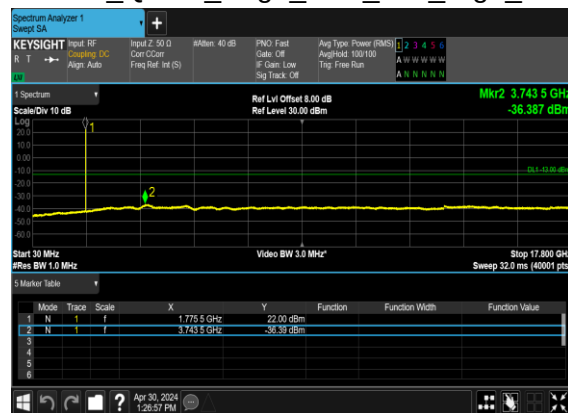
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



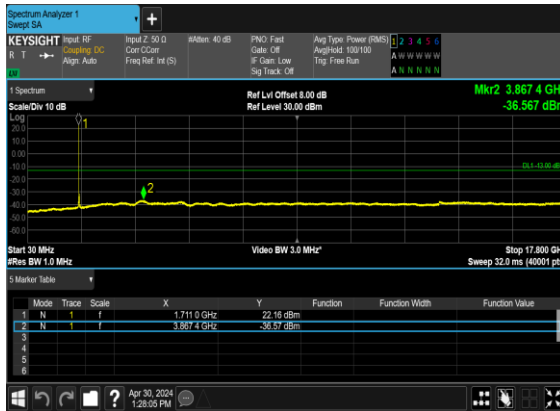
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



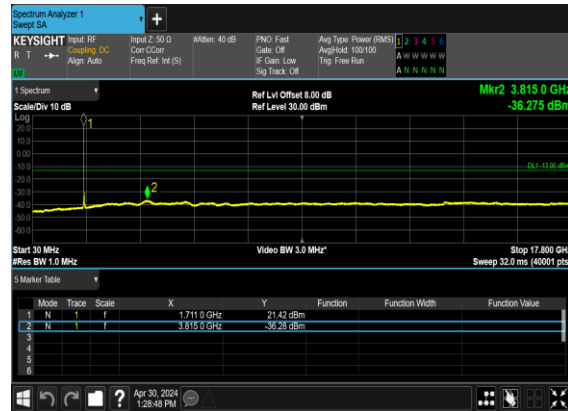
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



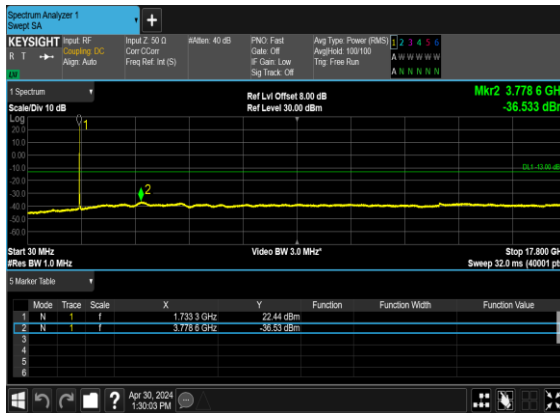
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



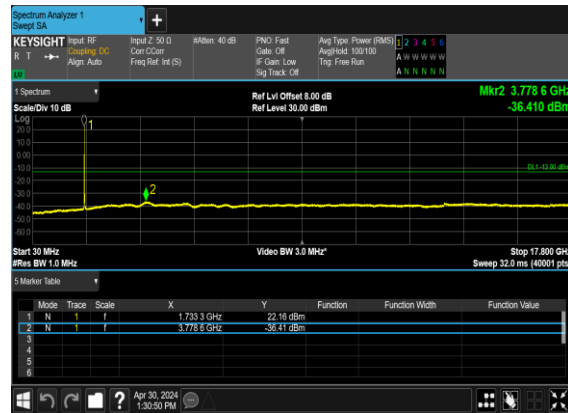
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



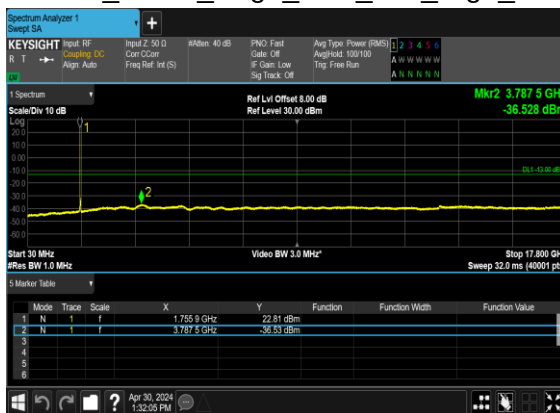
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



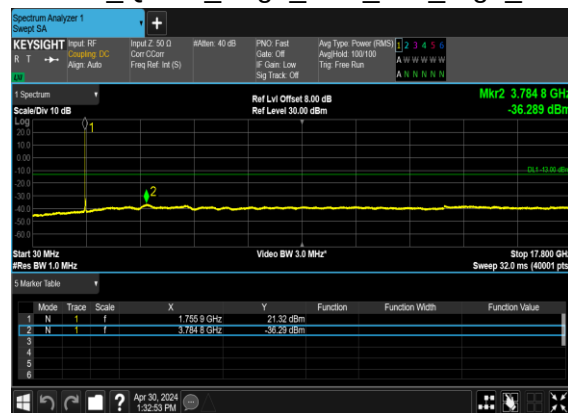
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



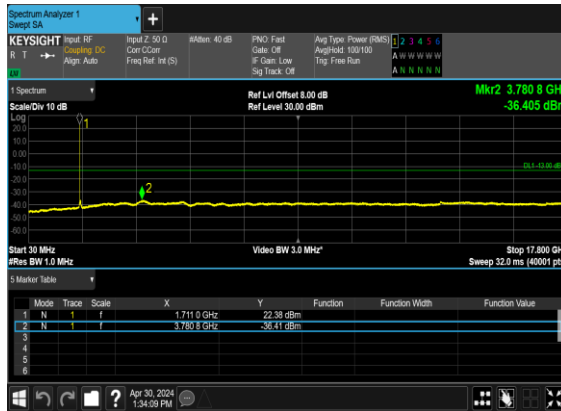
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



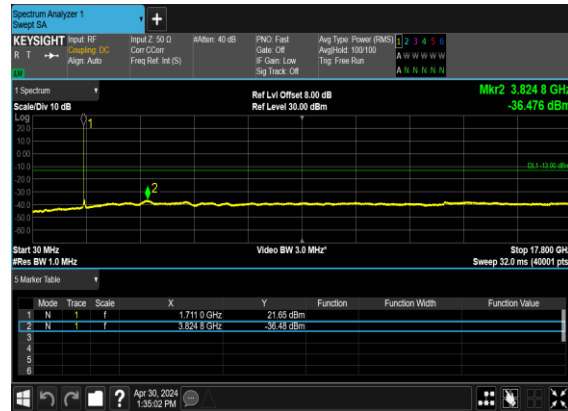
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



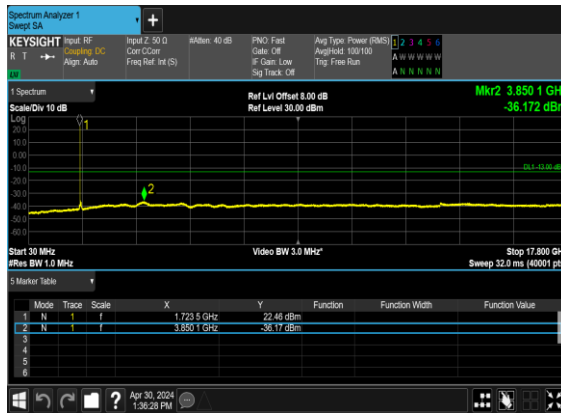
N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



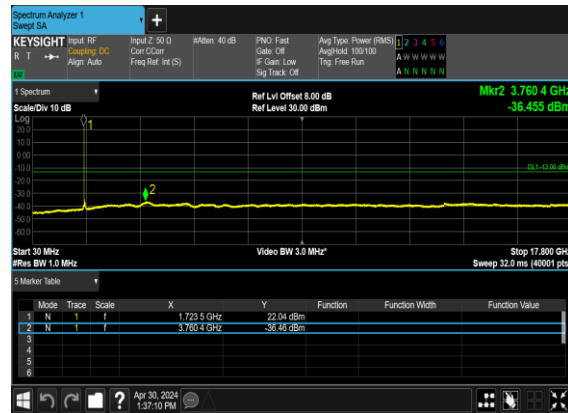
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



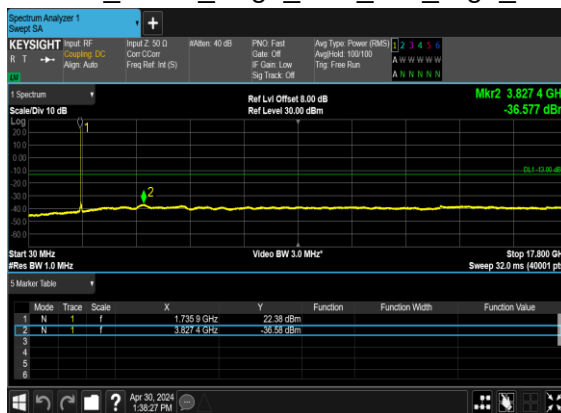
N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



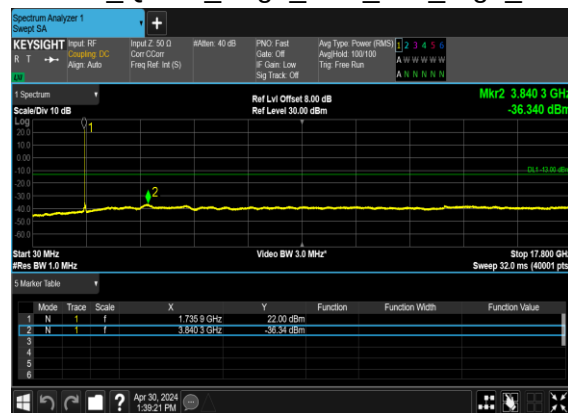
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



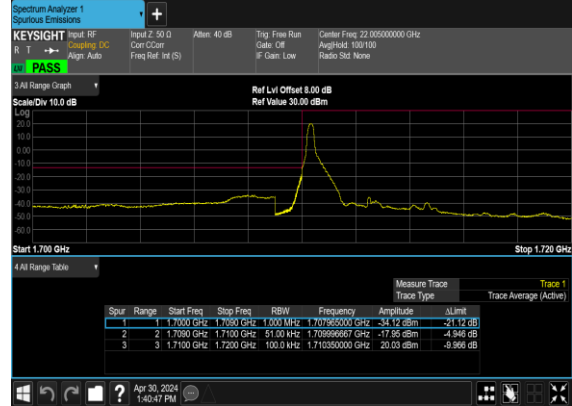
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	PASS

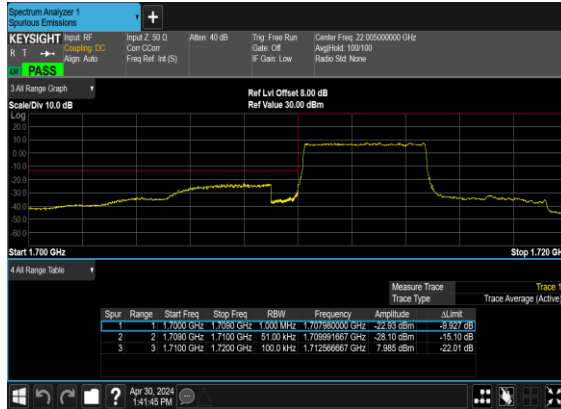
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



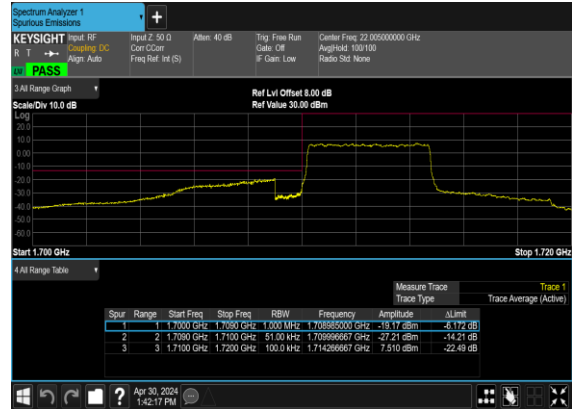
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



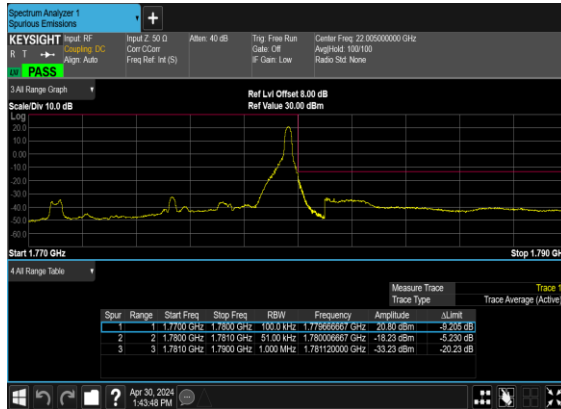
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



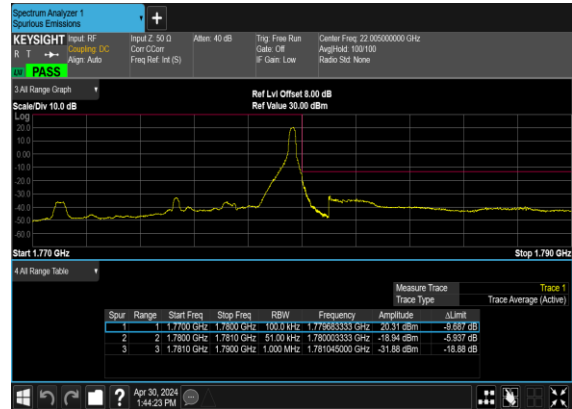
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



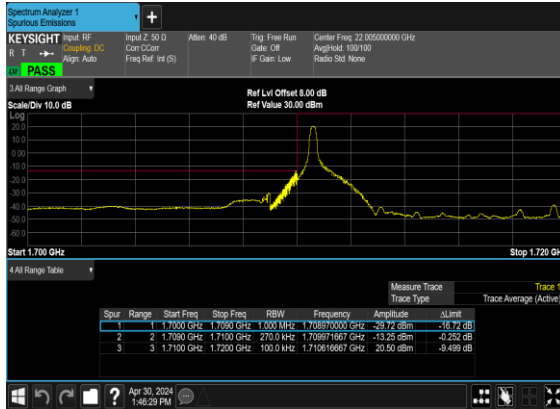
N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



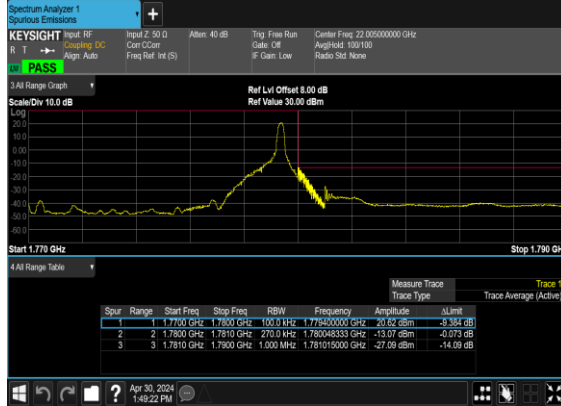
N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



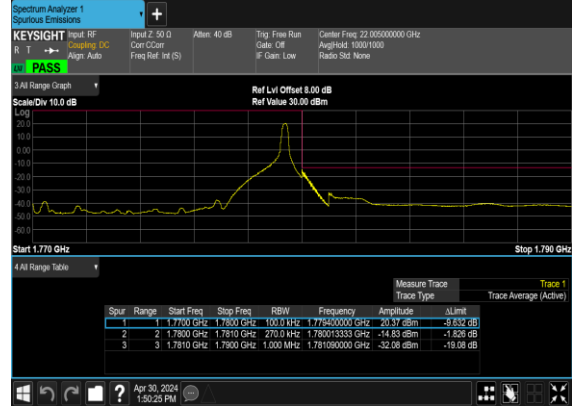
N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



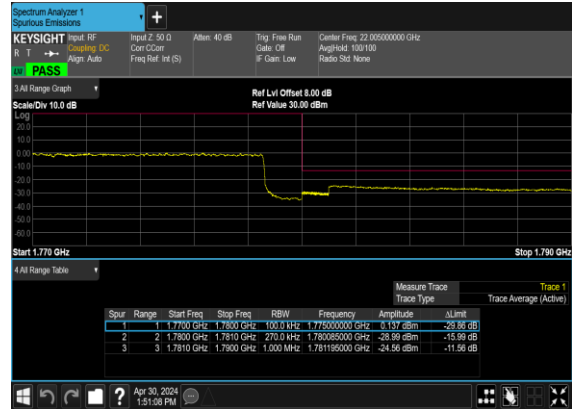
N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



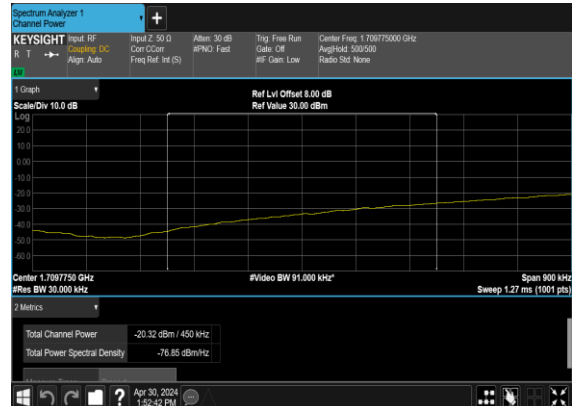
N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



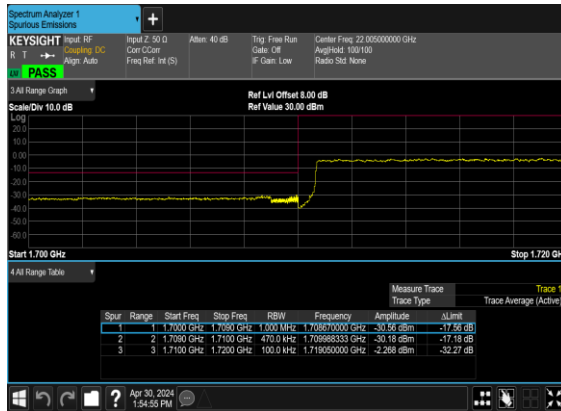
N66(45M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s- OFDM_BPSK_Outer_Full_Low_CH



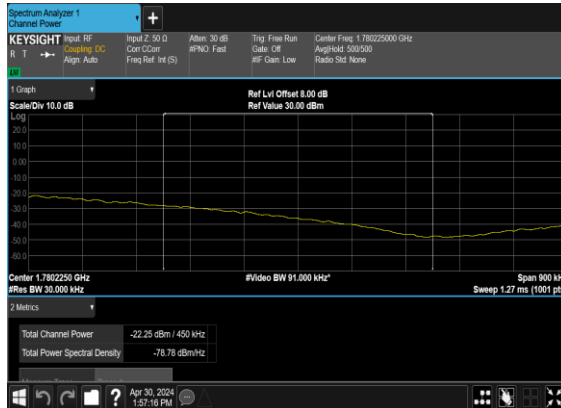
N66(45M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH



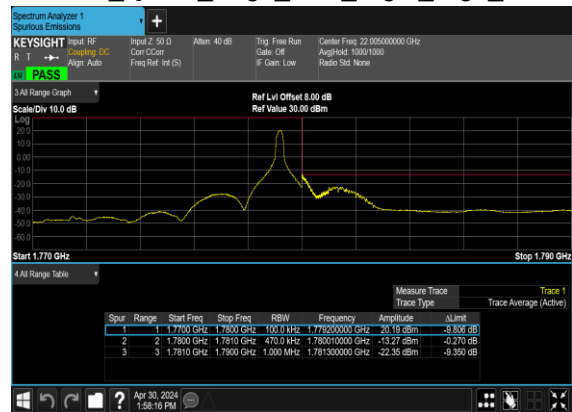
N66(45M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



N66(45M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH_chnr _PASS



N66(45M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N66(45M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N66(45M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N71- SCS 15k

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=3dBi

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	23.16	24.01	0.2518
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	21.63	22.48	0.1770
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.07	23.92	0.2466
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.65	22.5	0.1778
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.29	24.14	0.2594
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	21.87	22.72	0.1871
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	22.94	23.79	0.2393
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	21.52	22.37	0.1726
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	22.96	23.81	0.2404
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.78	22.63	0.1832
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	22.96	23.81	0.2404
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.56	22.41	0.1742
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.13	23.98	0.2500
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.68	22.53	0.1791
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.13	23.98	0.2500
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.85	22.7	0.1862
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.13	23.98	0.2500
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	21.9	22.75	0.1884
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.16	24.01	0.2518
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	22.86	23.71	0.2350
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.22	24.07	0.2553
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.23	24.08	0.2559
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	22.94	23.79	0.2393
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.11	23.96	0.2489
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.1	22.95	0.1972
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.53	22.38	0.1730
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	21.89	22.74	0.1879
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	20.72	21.57	0.1435
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	20.31	21.16	0.1306
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	20.65	21.5	0.1413
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.61	19.46	0.0883
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.37	19.22	0.0836
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.69	19.54	0.0899
71	15	20	134600	673	CP-OFDM QPSK	53@26	21.63	22.48	0.1770
71	15	20	134600	673	CP-OFDM QPSK	1@1	21.23	22.08	0.1614
71	15	20	134600	673	CP-OFDM QPSK	1@104	21.51	22.36	0.1722
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.31	24.16	0.2606
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.05	23.9	0.2455

71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.21	24.06	0.2547
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.35	24.2	0.2630
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.02	23.87	0.2438
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.18	24.03	0.2529
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.28	23.13	0.2056
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.67	22.52	0.1786
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	21.69	22.54	0.1795
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	20.69	21.54	0.1426
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.43	21.28	0.1343
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	20.7	21.55	0.1429
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	18.73	19.58	0.0908
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.48	19.33	0.0857
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.53	19.38	0.0867
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	21.91	22.76	0.1888
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	21.54	22.39	0.1734
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	21.4	22.25	0.1679
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.33	24.18	0.2618
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.29	24.14	0.2594
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.11	23.96	0.2489
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.38	24.23	0.2649
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	23.13	23.98	0.2500
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23.09	23.94	0.2477
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.21	23.06	0.2023
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	21.73	22.58	0.1811
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	21.72	22.57	0.1807
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	20.63	21.48	0.1406
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	20.69	21.54	0.1426
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	20.76	21.61	0.1449
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	18.71	19.56	0.0904
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.58	19.43	0.0877
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.66	19.51	0.0893
71	15	20	137600	688	CP-OFDM QPSK	53@26	21.63	22.48	0.1770
71	15	20	137600	688	CP-OFDM QPSK	1@1	21.58	22.43	0.1750
71	15	20	137600	688	CP-OFDM QPSK	1@104	21.6	22.45	0.1758

FR1 N71- SCS 30k

Transmitter Conducted Output Power And ERP, (G_T - L_C)=3dBi

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
71	30	10	133600	668	DFT-s-OFDM QPSK	1@1	22.78	23.63	0.2307
71	30	10	133600	668	DFT-s-OFDM 16 QAM	1@1	22.11	22.96	0.1977
71	30	10	136100	680.5	DFT-s-OFDM QPSK	1@1	22.93	23.78	0.2388
71	30	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.18	23.03	0.2009
71	30	10	138600	693	DFT-s-OFDM QPSK	1@1	22.93	23.78	0.2388
71	30	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.9	22.75	0.1884
71	30	15	134100	670.5	DFT-s-OFDM QPSK	1@1	22.85	23.7	0.2344
71	30	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	22.01	22.86	0.1932
71	30	15	136100	680.5	DFT-s-OFDM QPSK	1@1	22.9	23.75	0.2371
71	30	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.09	22.94	0.1968
71	30	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.11	23.96	0.2489
71	30	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	22.14	22.99	0.1991
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	25@12	23.1	23.95	0.2483
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.64	0.2312
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@49	23.12	23.97	0.2495
71	30	20	134600	673	DFT-s-OFDM QPSK	25@12	23.11	23.96	0.2489
71	30	20	134600	673	DFT-s-OFDM QPSK	1@1	22.89	23.74	0.2366
71	30	20	134600	673	DFT-s-OFDM QPSK	1@49	23.04	23.89	0.2449
71	30	20	134600	673	DFT-s-OFDM 16 QAM	25@12	22.02	22.87	0.1936
71	30	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.62	22.47	0.1766
71	30	20	134600	673	DFT-s-OFDM 16 QAM	1@49	21.6	22.45	0.1758
71	30	20	134600	673	DFT-s-OFDM 64 QAM	25@12	20.62	21.47	0.1403
71	30	20	134600	673	DFT-s-OFDM 64 QAM	1@1	20.53	21.38	0.1374
71	30	20	134600	673	DFT-s-OFDM 64 QAM	1@49	20.68	21.53	0.1422
71	30	20	134600	673	DFT-s-OFDM 256 QAM	25@12	18.86	19.71	0.0935
71	30	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.11	18.96	0.0787
71	30	20	134600	673	DFT-s-OFDM 256 QAM	1@49	18.44	19.29	0.0849
71	30	20	134600	673	CP-OFDM QPSK	25@12	21.68	22.53	0.1791
71	30	20	134600	673	CP-OFDM QPSK	1@1	21.22	22.07	0.1611
71	30	20	134600	673	CP-OFDM QPSK	1@49	21.65	22.5	0.1778
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	25@12	23.11	23.96	0.2489
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	22.97	23.82	0.2410
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@49	22.93	23.78	0.2388
71	30	20	136100	680.5	DFT-s-OFDM QPSK	25@12	23.15	24	0.2512
71	30	20	136100	680.5	DFT-s-OFDM QPSK	1@1	22.97	23.82	0.2410
71	30	20	136100	680.5	DFT-s-OFDM QPSK	1@49	23.05	23.9	0.2455
71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	25@12	22.23	23.08	0.2032

71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.23	23.08	0.2032
71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	1@49	22.02	22.87	0.1936
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	25@12	20.91	21.76	0.1500
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.26	21.11	0.1291
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	1@49	20.37	21.22	0.1324
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	25@12	18.69	19.54	0.0899
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.39	19.24	0.0839
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	1@49	18.28	19.13	0.0818
71	30	20	136100	680.5	CP-OFDM QPSK	25@12	21.75	22.6	0.1820
71	30	20	136100	680.5	CP-OFDM QPSK	1@1	21.59	22.44	0.1754
71	30	20	136100	680.5	CP-OFDM QPSK	1@49	21.6	22.45	0.1758
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	25@12	23.23	24.08	0.2559
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.19	24.04	0.2535
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@49	22.9	23.75	0.2371
71	30	20	137600	688	DFT-s-OFDM QPSK	25@12	23.24	24.09	0.2564
71	30	20	137600	688	DFT-s-OFDM QPSK	1@1	22.92	23.77	0.2382
71	30	20	137600	688	DFT-s-OFDM QPSK	1@49	22.88	23.73	0.2360
71	30	20	137600	688	DFT-s-OFDM 16 QAM	25@12	22.21	23.06	0.2023
71	30	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.05	22.9	0.1950
71	30	20	137600	688	DFT-s-OFDM 16 QAM	1@49	21.84	22.69	0.1858
71	30	20	137600	688	DFT-s-OFDM 64 QAM	25@12	20.87	21.72	0.1486
71	30	20	137600	688	DFT-s-OFDM 64 QAM	1@1	20.58	21.43	0.1390
71	30	20	137600	688	DFT-s-OFDM 64 QAM	1@49	20.32	21.17	0.1309
71	30	20	137600	688	DFT-s-OFDM 256 QAM	25@12	18.89	19.74	0.0942
71	30	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.48	19.33	0.0857
71	30	20	137600	688	DFT-s-OFDM 256 QAM	1@49	18.25	19.1	0.0813
71	30	20	137600	688	CP-OFDM QPSK	25@12	21.8	22.65	0.1841
71	30	20	137600	688	CP-OFDM QPSK	1@1	21.44	22.29	0.1694
71	30	20	137600	688	CP-OFDM QPSK	1@49	21.45	22.3	0.1698

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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	0.0027	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0027	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0029	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0025	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0066	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0027	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0052	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0035	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0045	PASS	50°C

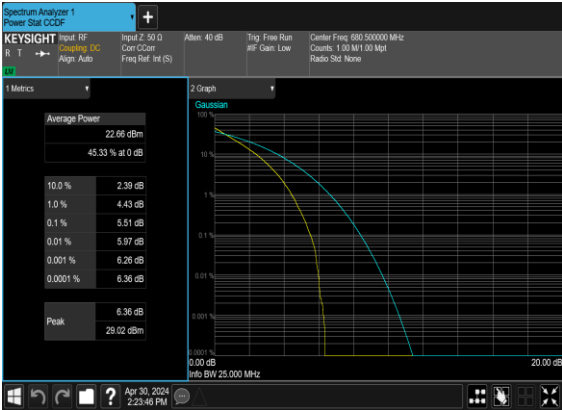
Peak to Average Ratio

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	4.6	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.51	13	PASS

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



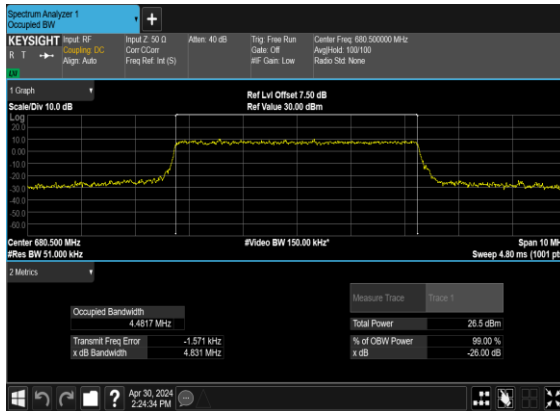
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



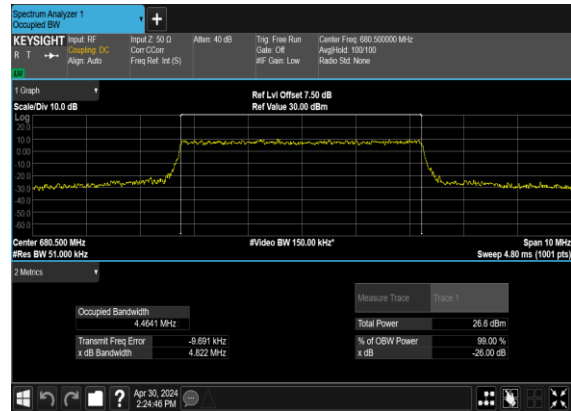
Occupied Bandwidth

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	4.4817	4.831
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4641	4.822
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4708	4.814
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4615	4.823
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2856	9.944
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2876	9.906
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2921	9.784
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2716	9.798
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.131	14.77
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.117	14.76
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.091	14.75
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.109	14.73
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.938	19.81
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.945	19.85
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.98	19.77
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.932	19.78

N71(5M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



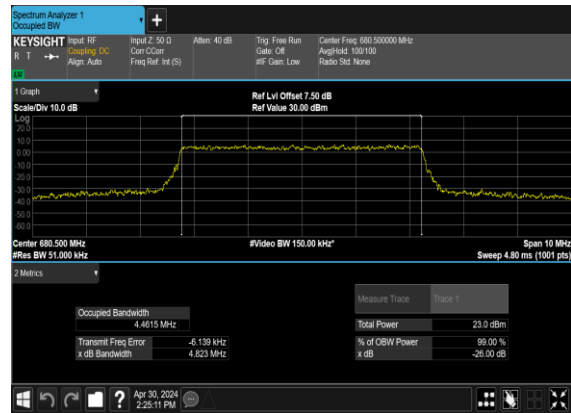
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



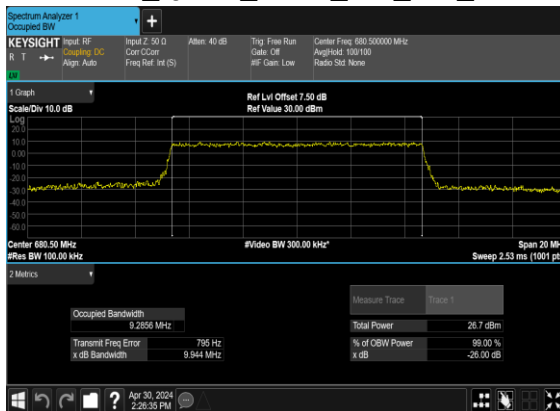
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



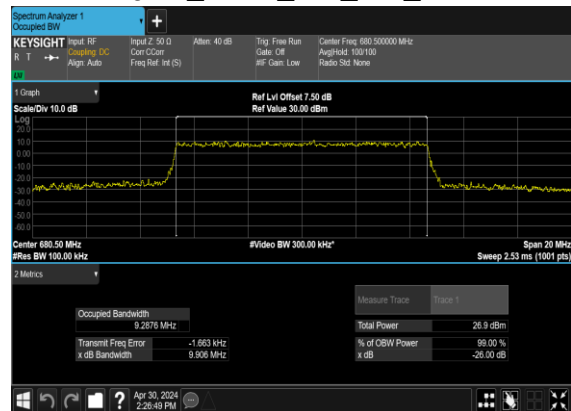
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



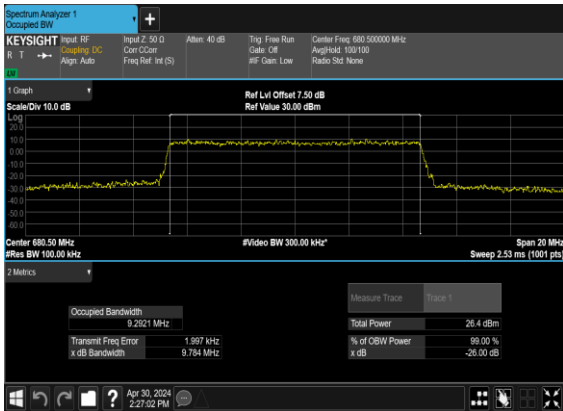
N71(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



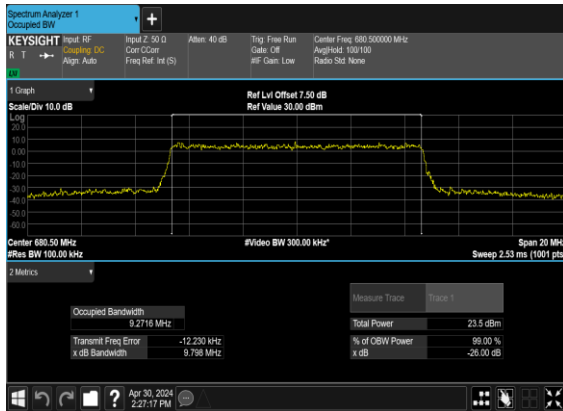
N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



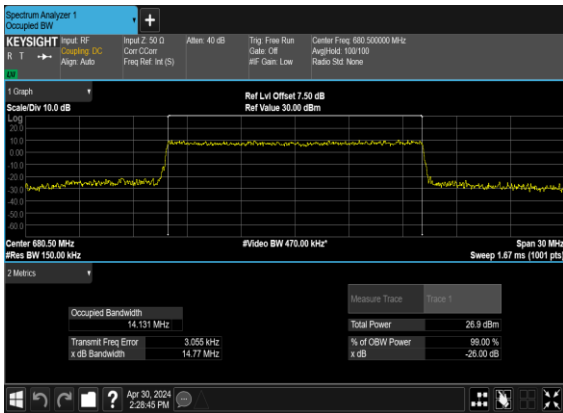
N71(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



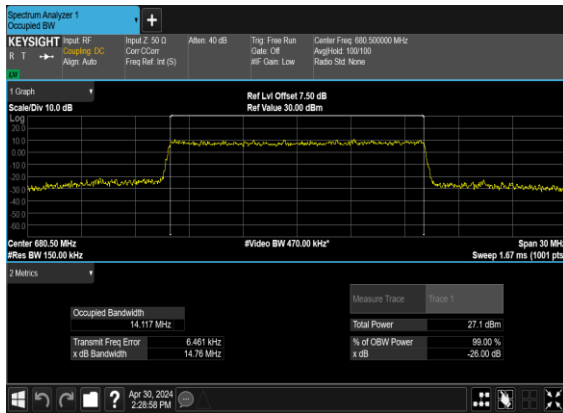
N71(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



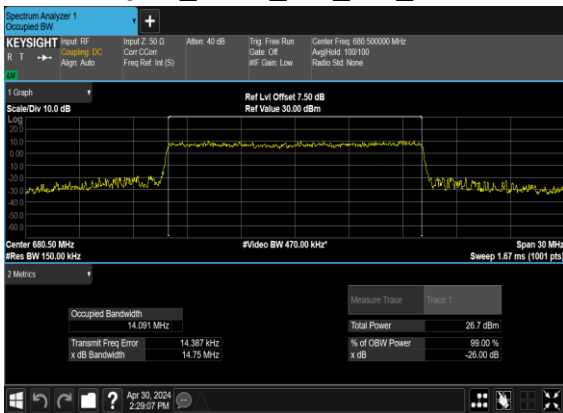
N71(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



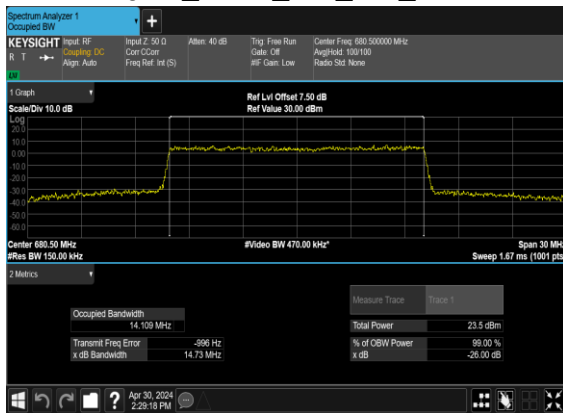
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QAM_Outer_Full_Mid_CH



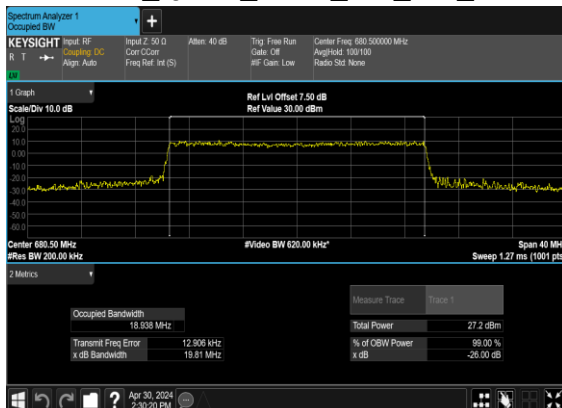
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QAM_Outer_Full_Mid_CH



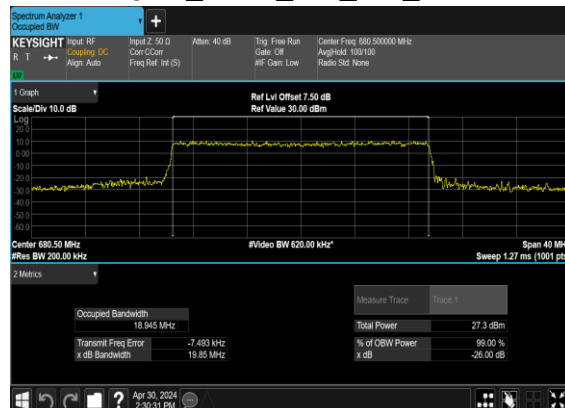
N71(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



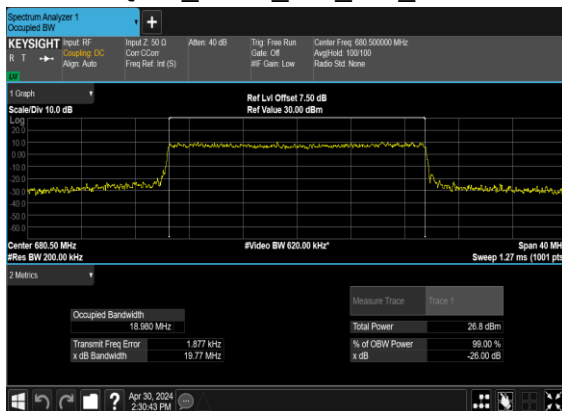
N71(20M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



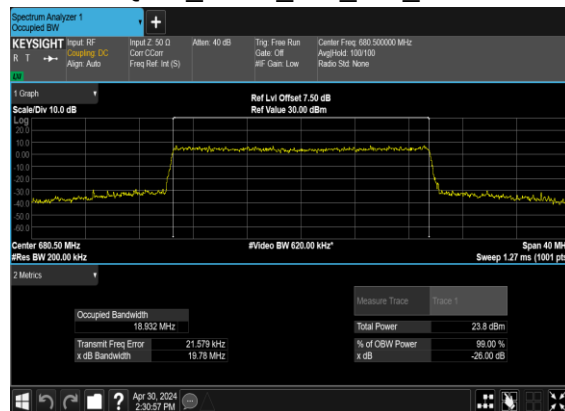
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

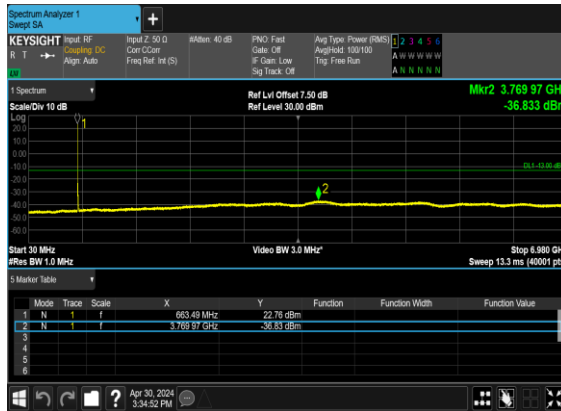


Conducted Spurious Emissions

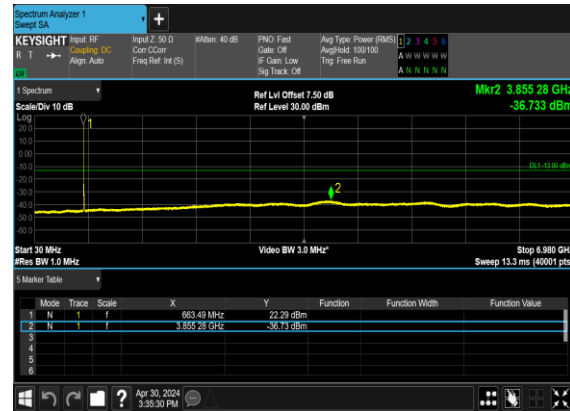
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS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

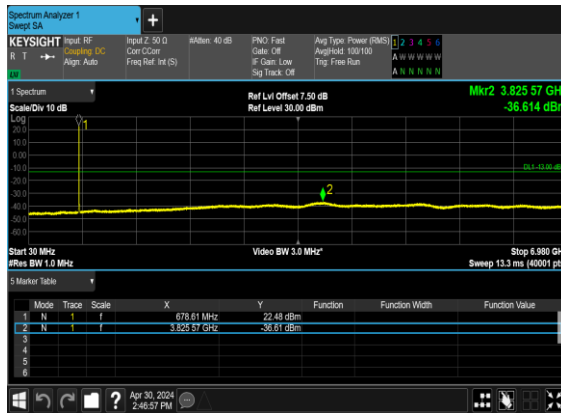
N71(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



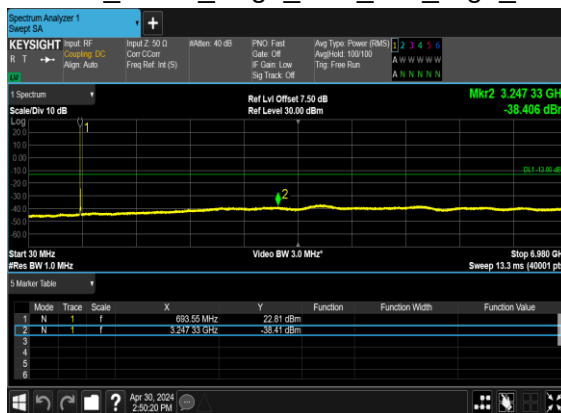
N71(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



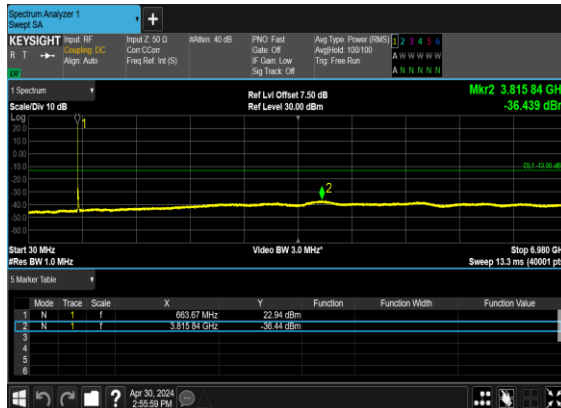
N71(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



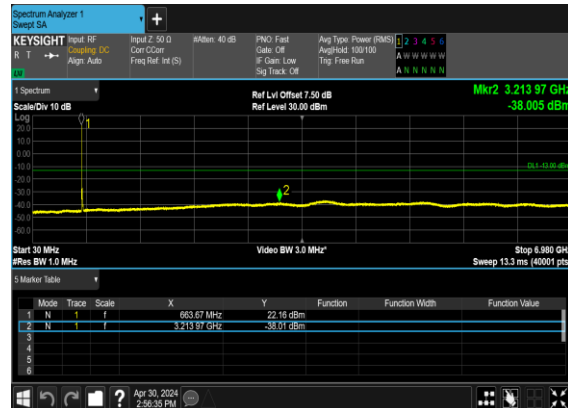
N71(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



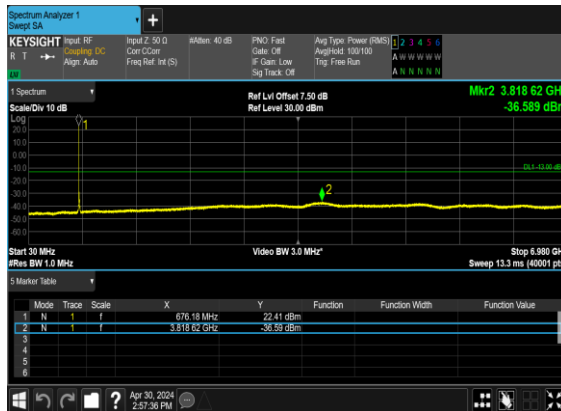
N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



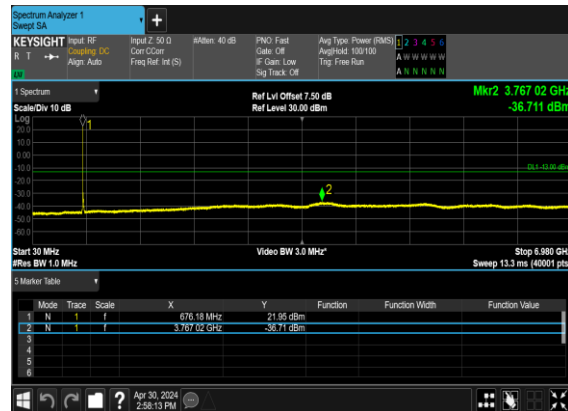
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



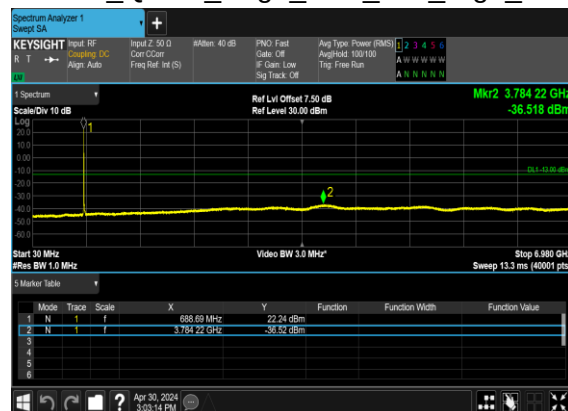
N71(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



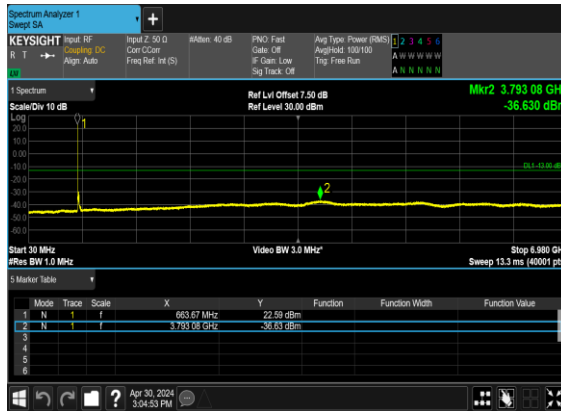
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OFDM_BPSK_Edge_1RB_Left_High_CH



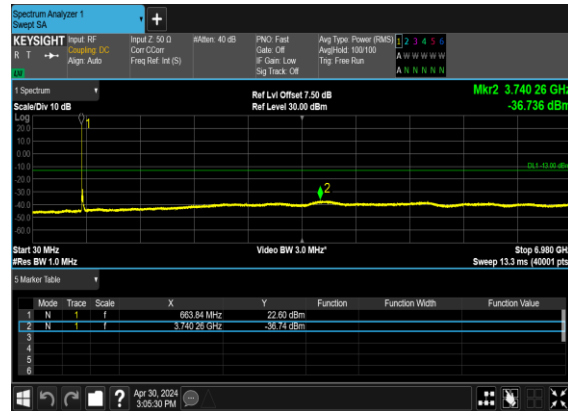
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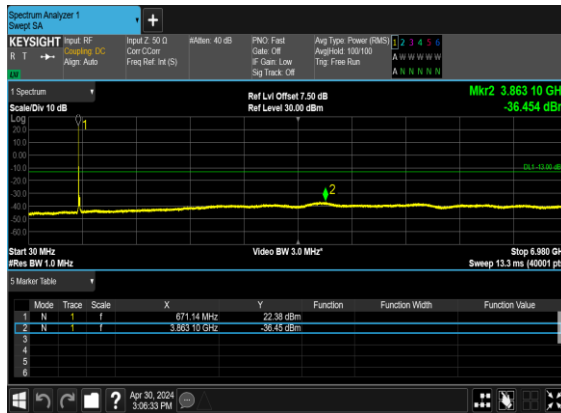
N71(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



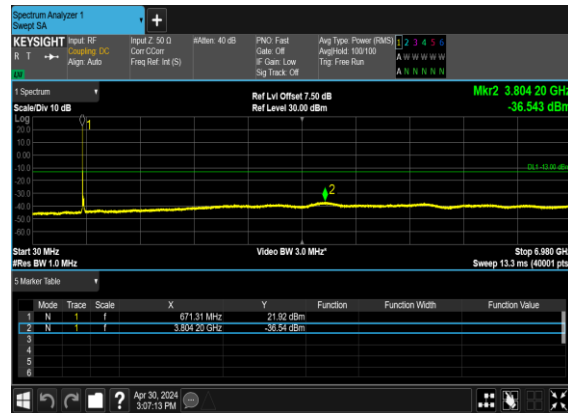
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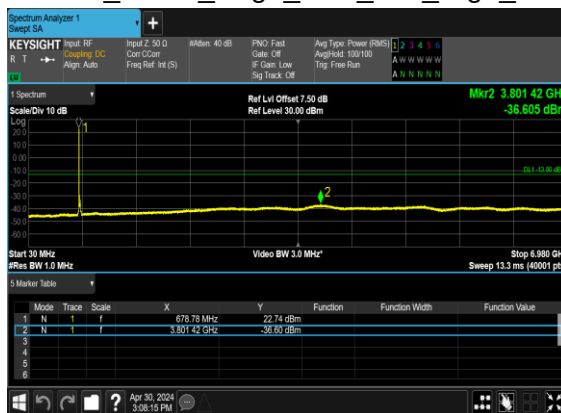
N71(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



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N71(20M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



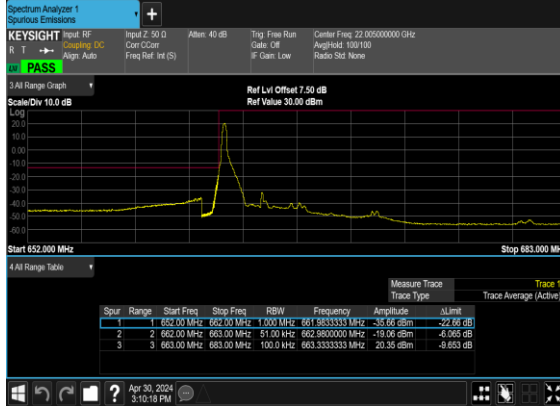
N71(20M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



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



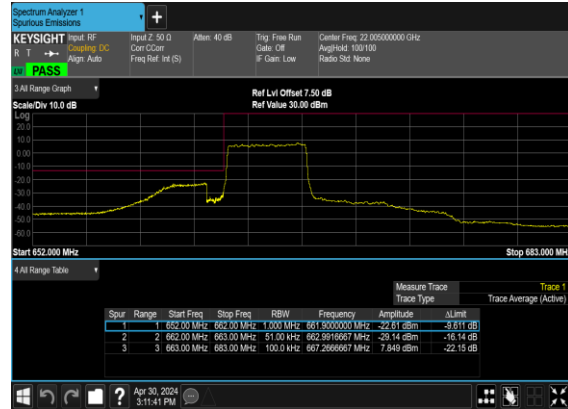
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



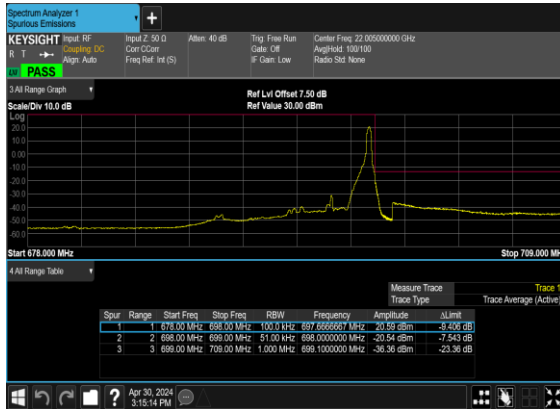
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OFDM_BPSK_Outer_Full_Low_CH



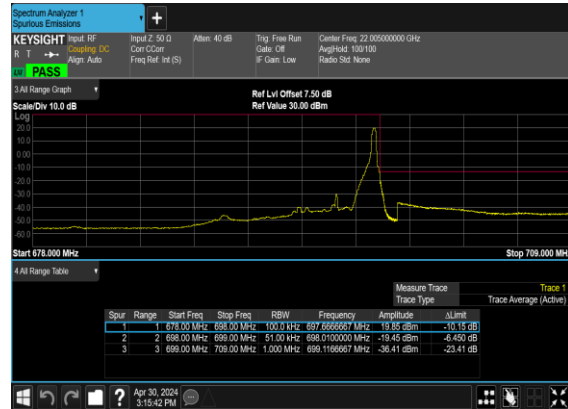
N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



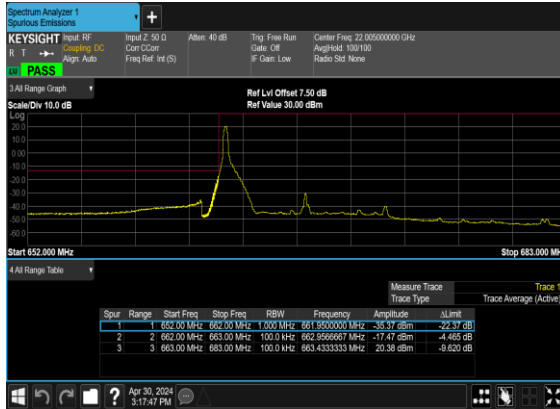
N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



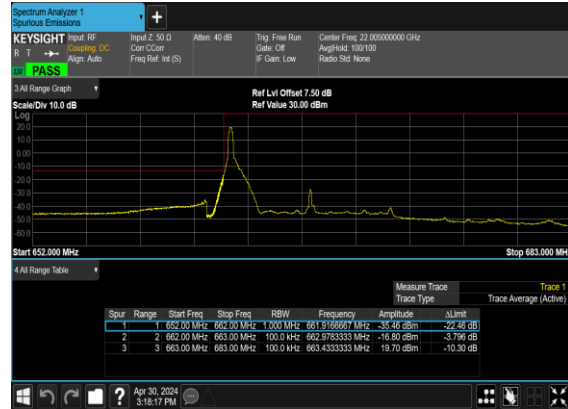
N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



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



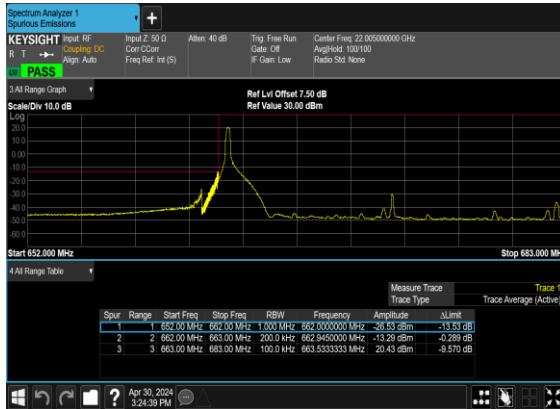
N71(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



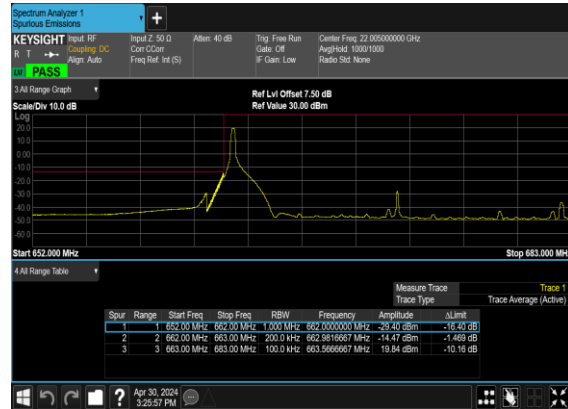
N71(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



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



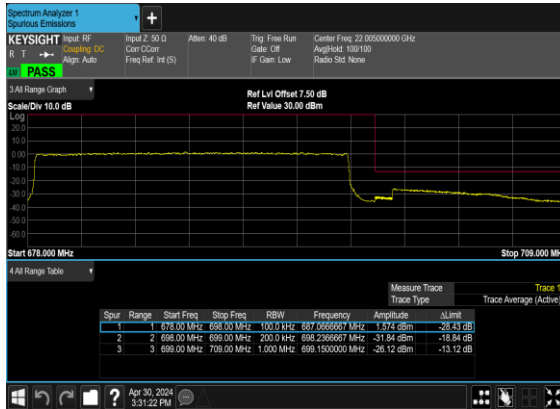
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



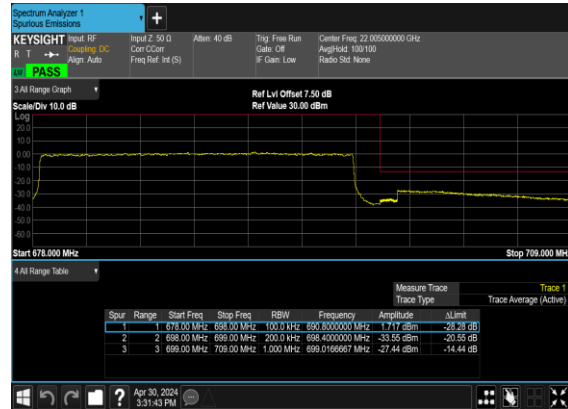
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



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 :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

N12 SA / NR 15MHz / QPSK / Sample 1 & Monopole Antenna									
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	1401.3	-64.94	-13	-51.94	-76.20	-68.19	4.00	9.40	H
	2102	-60.25	-13	-47.25	-78.40	-63.82	4.88	10.60	H
	2802.6	-59.30	-13	-46.30	-78.68	-64.23	5.52	12.60	H
	1401.3	-63.73	-13	-50.73	-76.05	-66.98	4.00	9.40	V
	2102	-60.73	-13	-47.73	-78.67	-64.30	4.88	10.60	V
	2802.6	-58.36	-13	-45.36	-78.50	-63.29	5.52	12.60	V

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

N66 SA / NR 45MHz / QPSK / Sample 1 & Monopole Antenna									
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	3448	-58.65	-13	-45.65	-80.10	-65.50	5.65	12.50	H
	5172	-57.20	-13	-44.20	-81.84	-62.87	7.13	12.80	H
	6896	-55.26	-13	-42.26	-81.46	-58.66	8.40	11.80	H
	3448	-58.02	-13	-45.02	-80.41	-64.87	5.65	12.50	V
	5172	-56.68	-13	-43.68	-81.82	-62.35	7.13	12.80	V
	6896	-53.59	-13	-40.59	-81.07	-56.99	8.40	11.80	V

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



EN-DC_48A_n66A / LTE 10MHz + NR 45MHz / QPSK / Sample 1 & Monopole Antenna									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Middle	3452.5	-59.11	-13	-46.11	53.74	-65.96	5.65	12.50	H
	5178.74	-57.40	-13	-44.40	56.58	-63.07	7.13	12.80	H
	6905	-58.04	-13	-45.04	58.64	-61.44	8.40	11.80	H
	3452.5	-59.25	-13	-46.25	54.68	-66.10	5.65	12.50	V
	5178.74	-57.26	-13	-44.26	56.97	-62.93	7.13	12.80	V
	6905	-57.53	-13	-44.53	59.92	-60.93	8.40	11.80	V
LTE Band48 Middle	7241.00	-57.22	-40	-17.22	59.83	-60.52	8.32	11.62	H
	10861.50	-53.96	-40	-13.96	64.58	-55.64	10.52	12.20	H
	14482.00	-53.48	-40	-13.48	67.04	-55.18	11.85	13.55	H
	7241.00	-55.53	-40	-15.53	61.56	-58.83	8.32	11.62	V
	10861.50	-52.17	-40	-12.17	66.22	-53.85	10.52	12.20	V
	14482.00	-53.51	-40	-13.51	66.64	-55.21	11.85	13.55	V

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

n71 SA / NR 20MHz / QPSK / Sample 1 & Monopole Antenna									
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	-64.87	-13	-51.87	-75.88	-68.12	4.00	9.40	H
	2013	-60.52	-13	-47.52	-78.23	-64.09	4.88	10.60	H
	2684	-59.51	-13	-46.51	-79.14	-64.44	5.52	12.60	H
	1342	-63.49	-13	-50.49	-75.45	-66.74	4.00	9.40	V
	2013	-61.00	-13	-48.00	-78.60	-64.57	4.88	10.60	V
	2684	-58.87	-13	-45.87	-78.96	-63.80	5.52	12.60	V

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

EN-DC_66A_71A / LTE 10MHz + NR 20MHz / QPSK / Sample 1 & Monopole Antenna									
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	-62.71	-13	-49.71	-73.72	-65.96	4.00	9.40	H
	2013	-61.41	-13	-48.41	-79.12	-64.98	4.88	10.60	H
	2684	-60.42	-13	-47.42	-80.05	-65.35	5.52	12.60	H
	1342	-62.12	-13	-49.12	-74.08	-65.37	4.00	9.40	V
	2013	-61.56	-13	-48.56	-79.16	-65.13	4.88	10.60	V
	2684	-60.00	-13	-47.00	-80.09	-64.93	5.52	12.60	V
LTE Band66 Middle	3481	-57.68	-13	-44.68	-79.72	-64.53	5.65	12.50	H
	5221.5	-56.36	-13	-43.36	-81.24	-62.03	7.13	12.80	H
	6962	-54.98	-13	-41.98	-81.36	-58.38	8.40	11.80	H
	3481	-56.93	-13	-43.93	-79.64	-63.78	5.65	12.50	V
	5221.5	-56.31	-13	-43.31	-81.36	-61.98	7.13	12.80	V
	6962	-54.69	-13	-41.69	-81.62	-58.09	8.40	11.80	V

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