Software Version: 23.06.1602

FR1 N78_ANT5

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.6dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	26.28	25.68	0.3698
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.01	25.41	0.3475
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	26.14	25.54	0.3581
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	26.07	25.47	0.3524
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.95	25.35	0.3428
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	25.95	25.35	0.3428
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	25.07	24.47	0.2799
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.15	24.55	0.2851
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	24.96	24.36	0.2729
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	23.65	23.05	0.2018
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.71	23.11	0.2046
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	23.65	23.05	0.2018
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	21.73	21.13	0.1297
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.56	20.96	0.1247
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	21.45	20.85	0.1216
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	24.57	23.97	0.2495
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.71	24.11	0.2576
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	24.57	23.97	0.2495
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	25.91	25.31	0.3396
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	25.9	25.3	0.3388
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	25.01	24.41	0.2761
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.21	25.61	0.3639
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.19	25.59	0.3622
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.32	24.72	0.2965
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	26.22	25.62	0.3648
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	26.20	25.6	0.3631
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	25.34	24.74	0.2979
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	25.85	25.25	0.3350
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	25.95	25.35	0.3428
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	25.07	24.47	0.2799
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.24	25.64	0.3664
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.25	25.65	0.3673
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.35	24.75	0.2985
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	26.2	25.6	0.3631
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	26.22	25.62	0.3648
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.26	24.66	0.2924
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	25.88	25.28	0.3373

78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	25.93	25.33	0.3412
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.02	24.42	0.2767
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.2	25.6	0.3631
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.22	25.62	0.3648
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.32	24.72	0.2965
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	26.16	25.56	0.3597
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	26.2	25.6	0.3631
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	25.31	24.71	0.2958
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	25.95	25.35	0.3428
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	25.97	25.37	0.3443
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.12	24.52	0.2831
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.18	25.58	0.3614
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.23	25.63	0.3656
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.34	24.74	0.2979
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	26.08	25.48	0.3532
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	26.07	25.47	0.3524
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	25.19	24.59	0.2877
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	25.95	25.35	0.3428
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	25.98	25.38	0.3451
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.1	24.5	0.2818
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.09	25.49	0.3540
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.18	25.58	0.3614
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.27	24.67	0.2931
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	26.1	25.5	0.3548
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.19	25.59	0.3622
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	25.28	24.68	0.2938
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	25.96	25.36	0.3436
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	25.99	25.39	0.3459
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	25.16	24.56	0.2858
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.08	25.48	0.3532
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.22	25.62	0.3648
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.23	24.63	0.2904
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	26.18	25.58	0.3614
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.19	25.59	0.3622
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.47	24.87	0.3069
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	25.98	25.38	0.3451
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.03	25.43	0.3491
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.12	24.52	0.2831
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.07	25.47	0.3524
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.16	25.56	0.3597
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.2	24.6	0.2884
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	26.14	25.54	0.3581
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	26.08	25.48	0.3532
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	25.44	24.84	0.3048
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	25.94	25.34	0.3420

78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	25.98	25.38	0.3451
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.08	24.48	0.2805
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	25.96	25.36	0.3436
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.02	25.42	0.3483
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.14	24.54	0.2844
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	26.17	25.57	0.3606
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	26.16	25.56	0.3597
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	25.25	24.65	0.2917
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	26.03	25.43	0.3491
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.04	25.44	0.3499
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.13	24.53	0.2838
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.03	25.43	0.3491
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.07	25.47	0.3524
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.19	24.59	0.2877
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	26.1	25.5	0.3548
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	26.14	25.54	0.3581
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	25.29	24.69	0.2944
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	25.91	25.31	0.3396
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.02	25.42	0.3483
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.12	24.52	0.2831
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26	25.4	0.3467
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.04	25.44	0.3499
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.16	24.56	0.2858
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	26.01	25.41	0.3475
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.07	25.47	0.3524
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.17	24.57	0.2864

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0021	**PASS**	NV
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0089	**PASS**	LV
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	0.0034	**PASS**	HV
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	0.0076	**PASS**	-30℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0022	**PASS**	-20℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	0.0096	**PASS**	-10℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	0.0028	**PASS**	0℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0035	**PASS**	10℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0047	**PASS**	20℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0041	**PASS**	30℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	-0.0075	**PASS**	40℃
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	0.0073	**PASS**	50℃

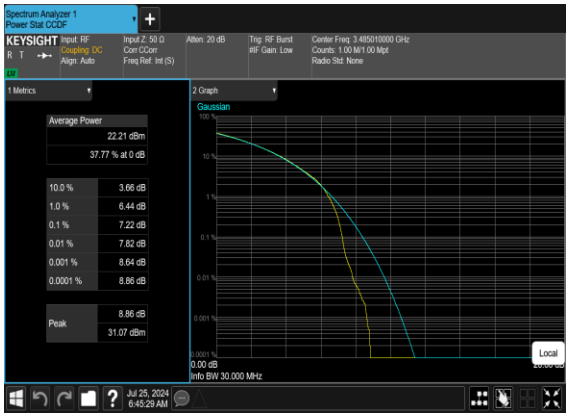
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	7.66	13	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	4.2	13	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	75@0	7.22	13	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@0	5.74	13	**PASS**

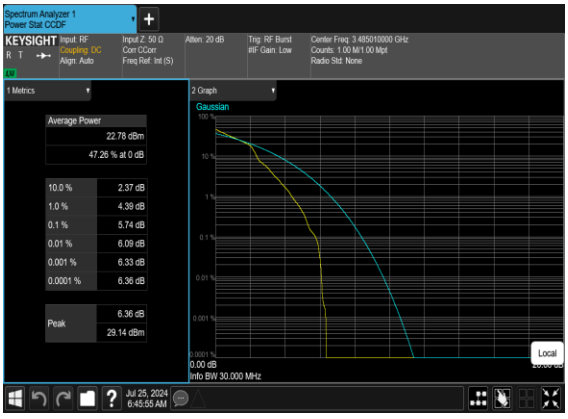
N78(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N78(30M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

N78(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



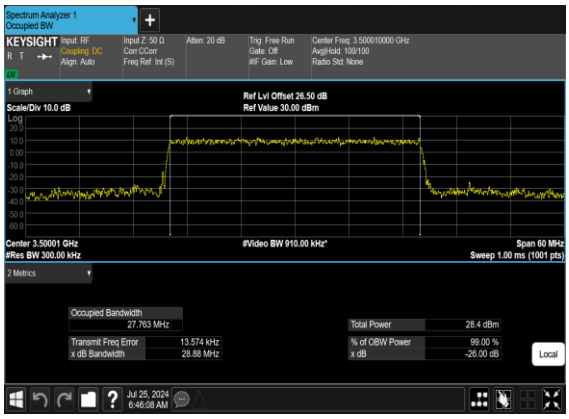
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



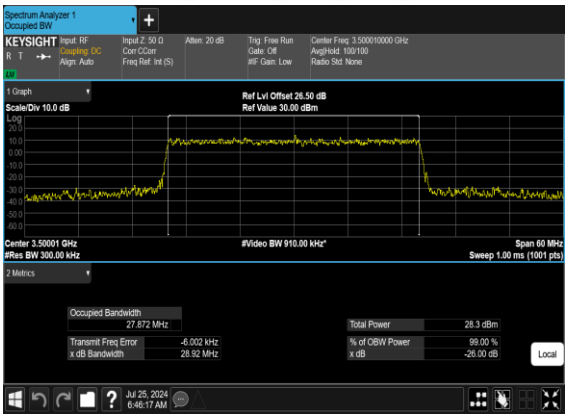
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.763	28.88
78	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.872	28.92
78	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.873	29.03
78	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.77	29.16
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.493	69.71
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.439	69.74
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.452	69.8
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.393	69.69

N78(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



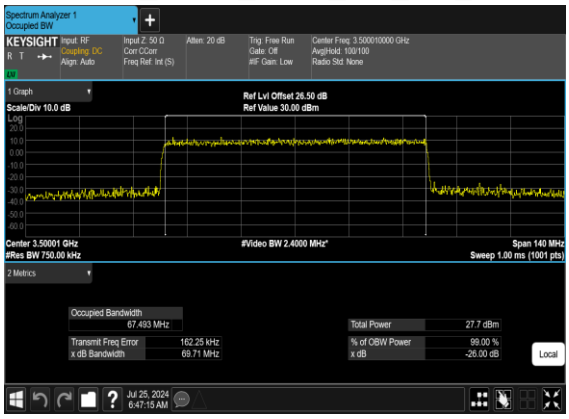
N78(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



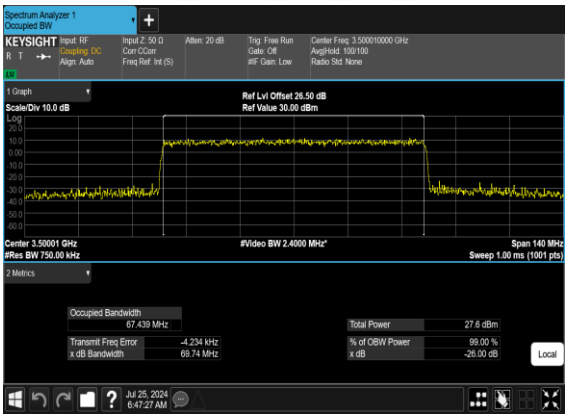
N78(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N78(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N78(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

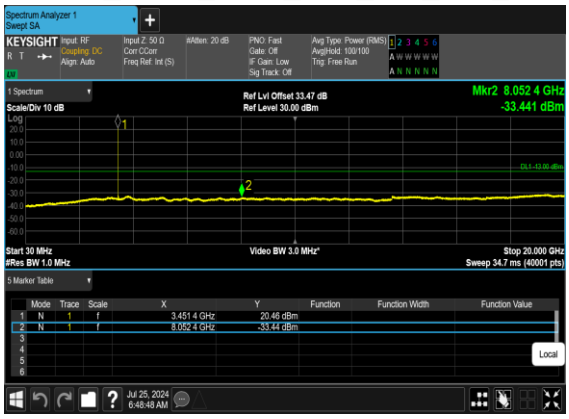
N78(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	30	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

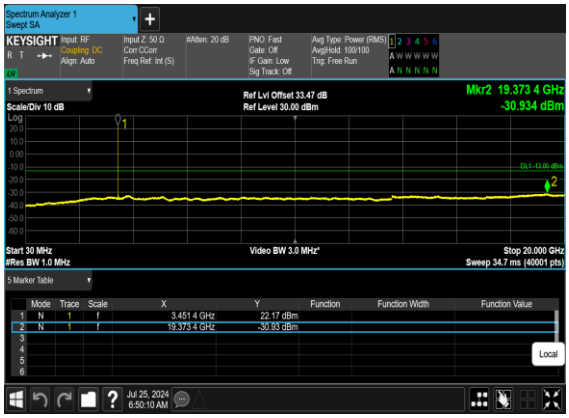
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

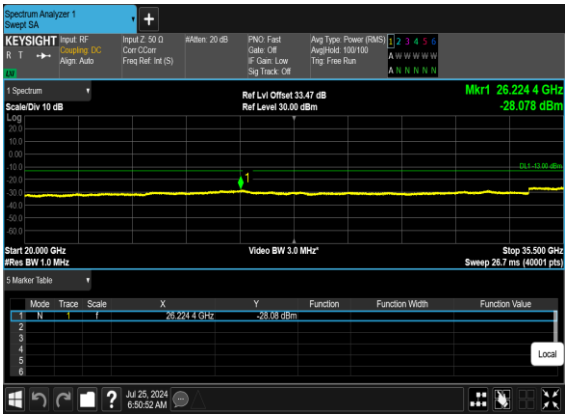


N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

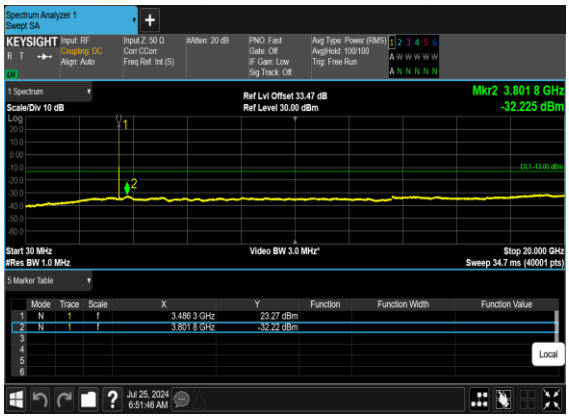
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



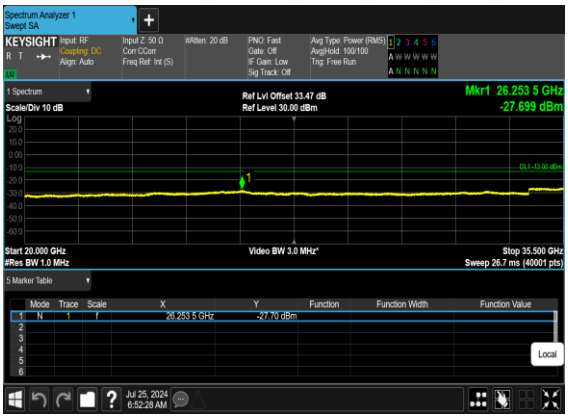
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



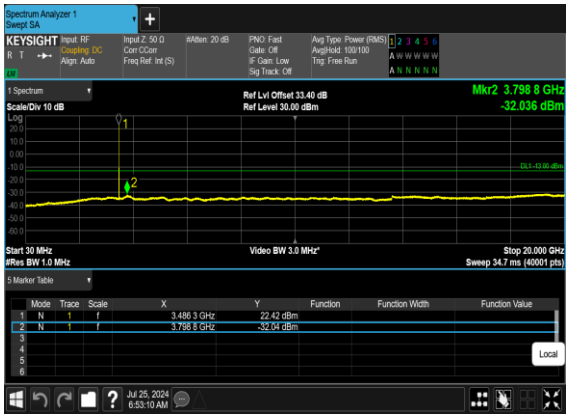
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



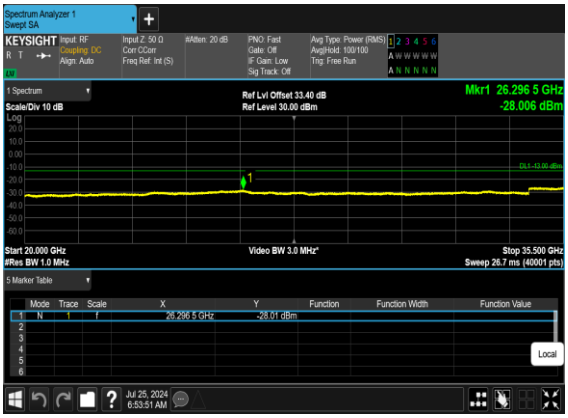
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



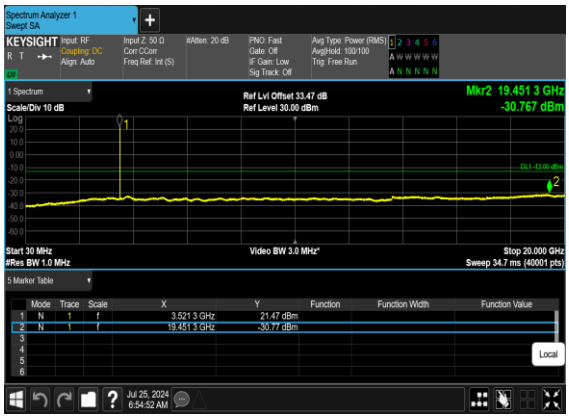
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

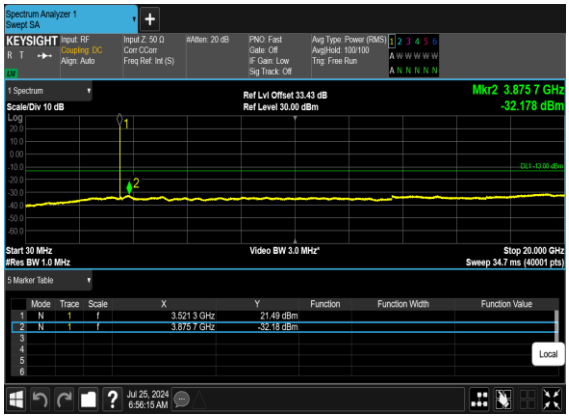


N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

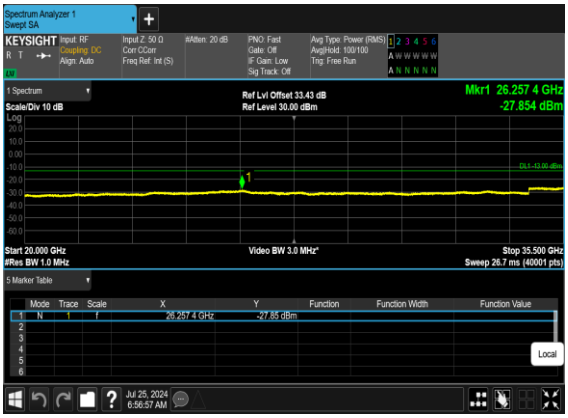


N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

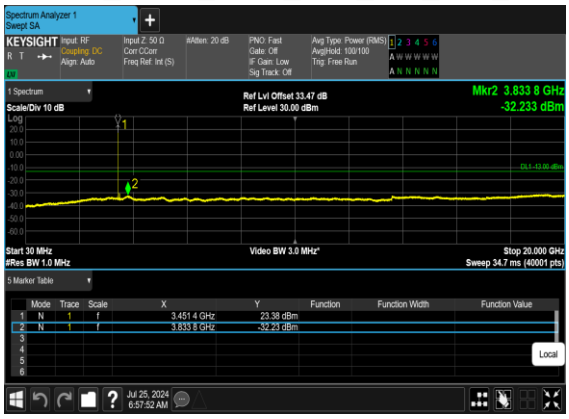
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

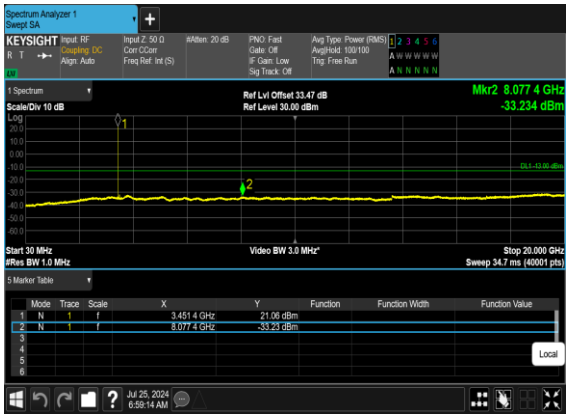


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

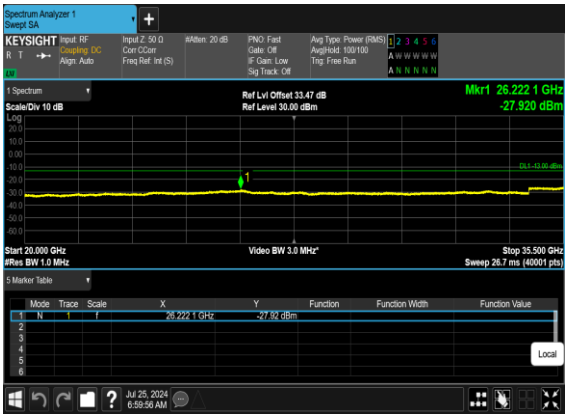


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

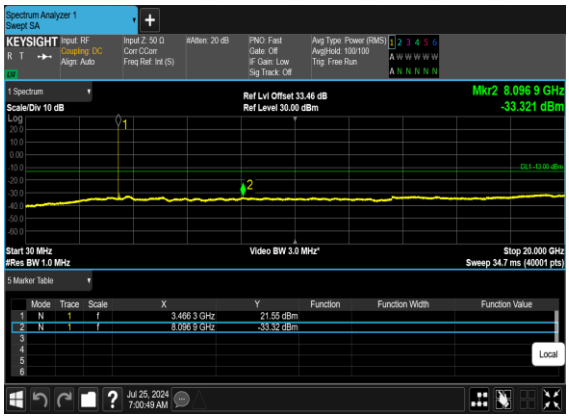
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

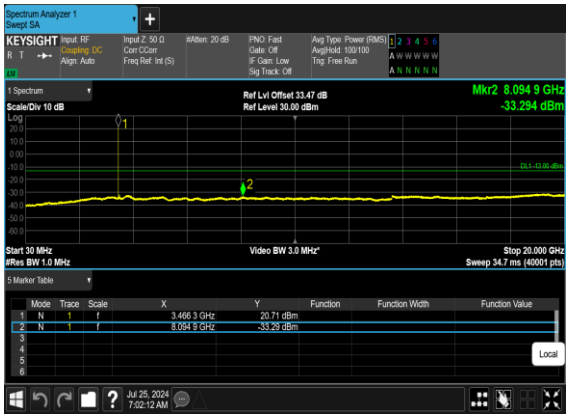


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

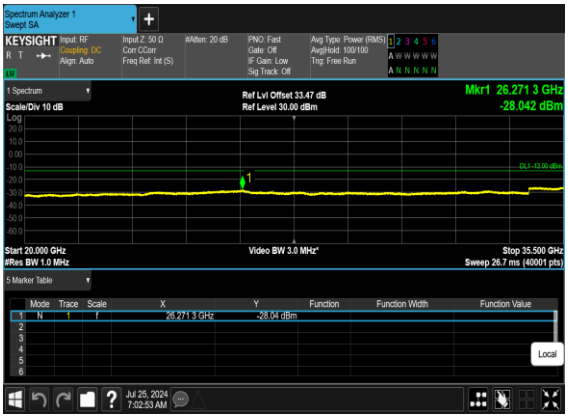


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

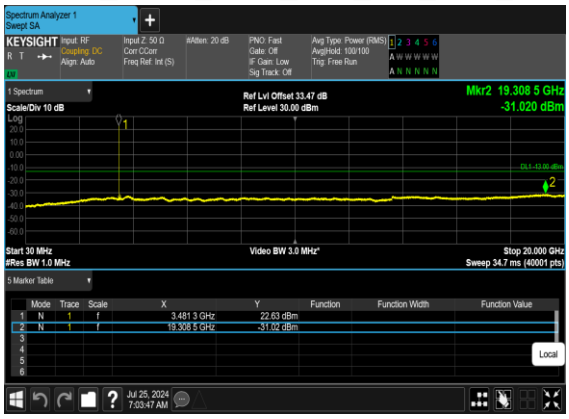
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

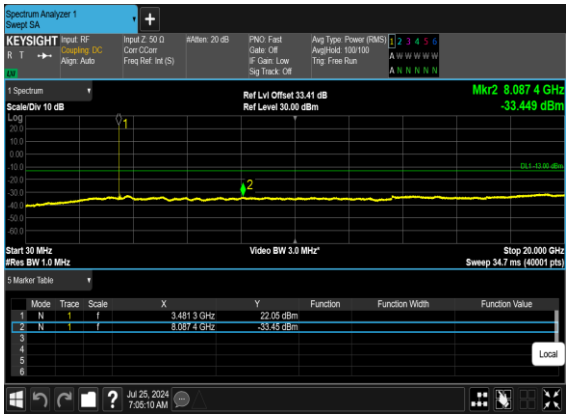


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

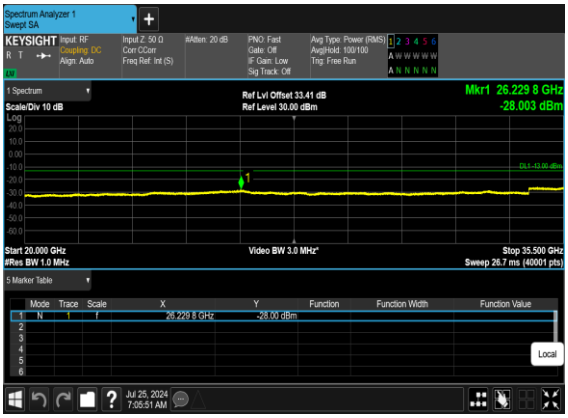


N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



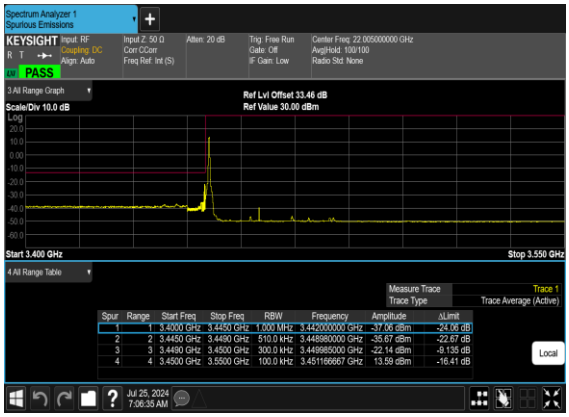
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



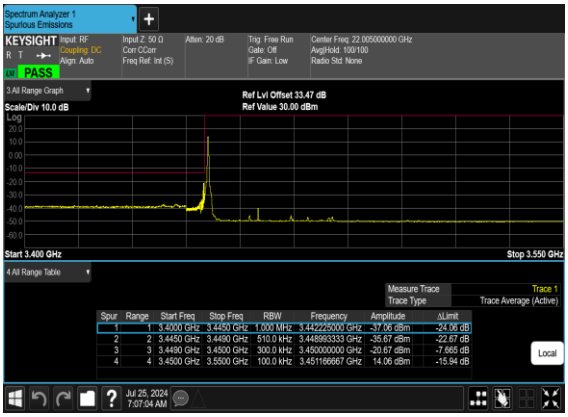
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	75@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	1@77	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@77	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	75@0	see graph	**PASS**
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	75@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	180@0	see graph	**PASS**
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	180@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	1@188	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@188	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	180@0	see graph	**PASS**
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	180@0	see graph	**PASS**

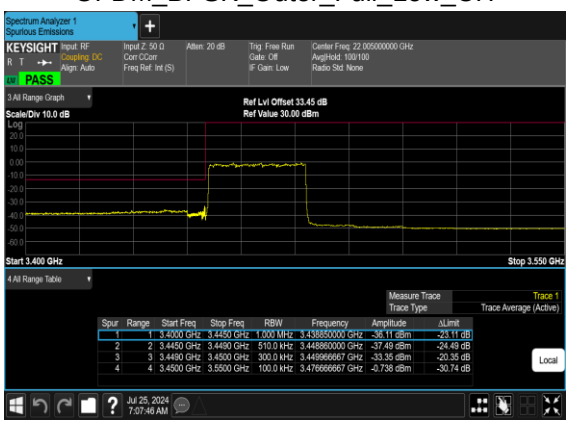
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



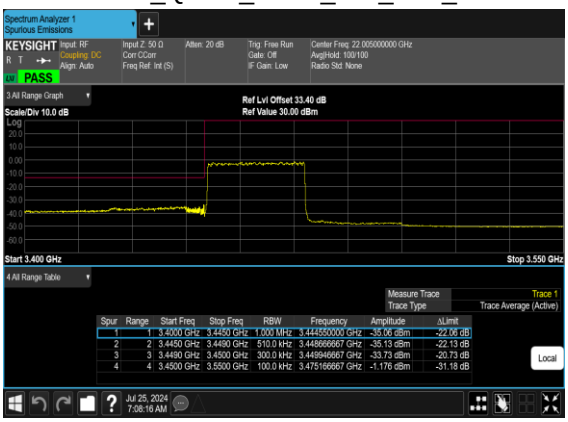
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



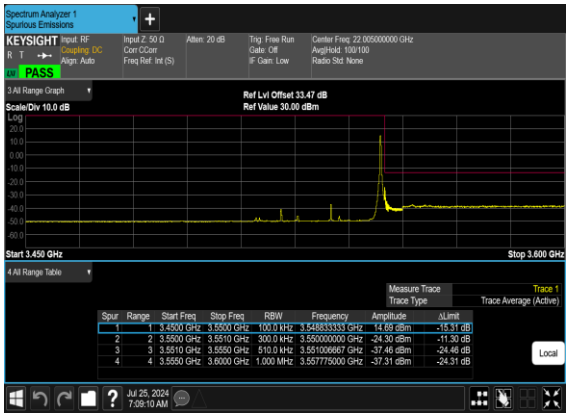
N78(30M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



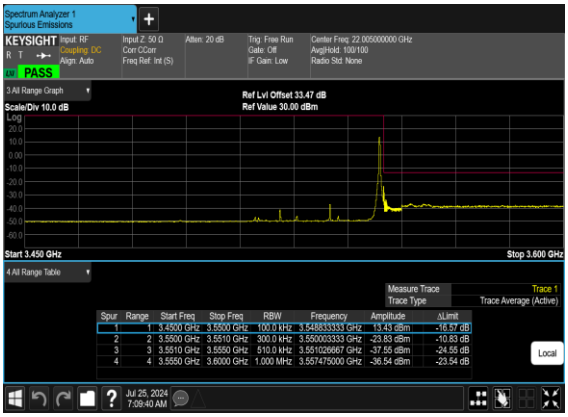
N78(30M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



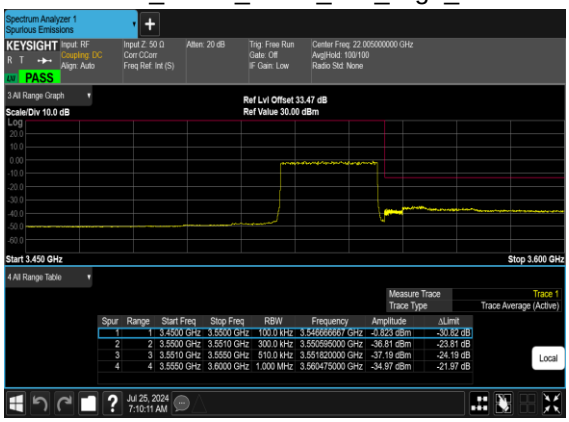
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



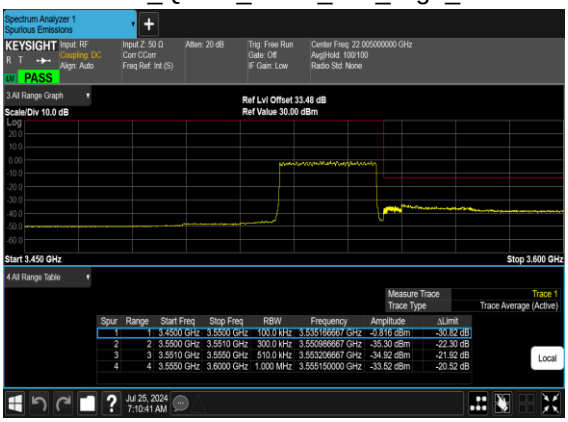
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



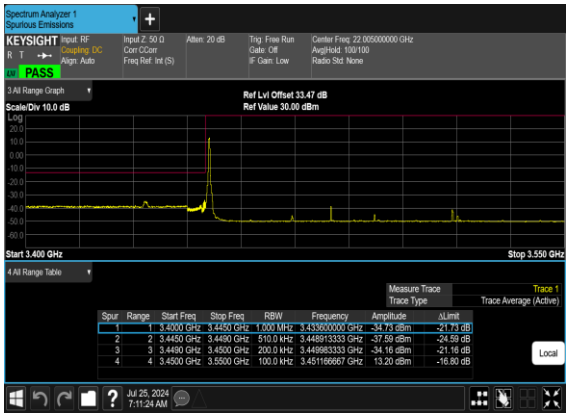
N78(30M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



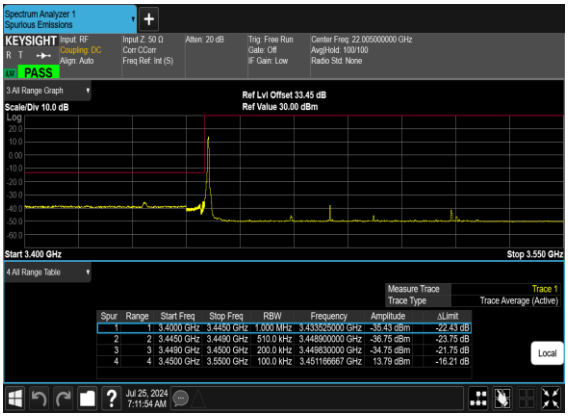
N78(30M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



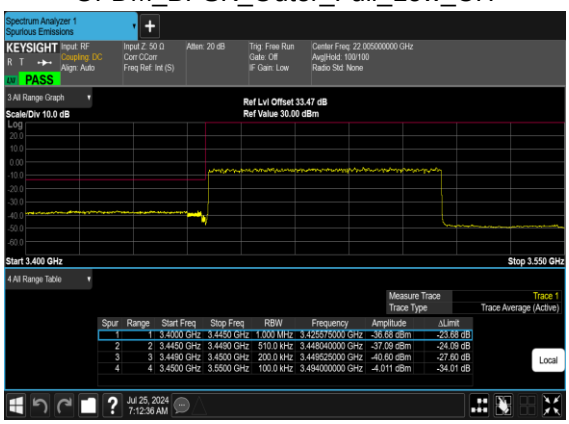
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



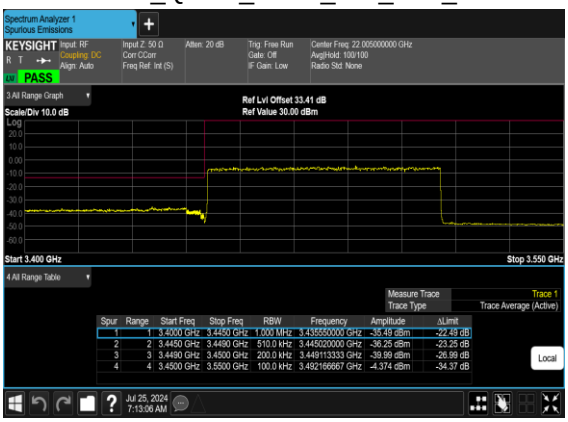
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



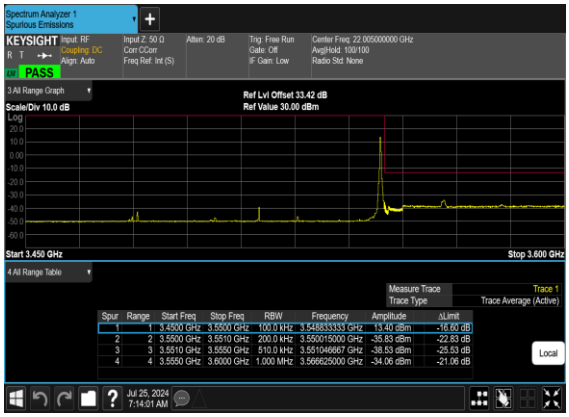
N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



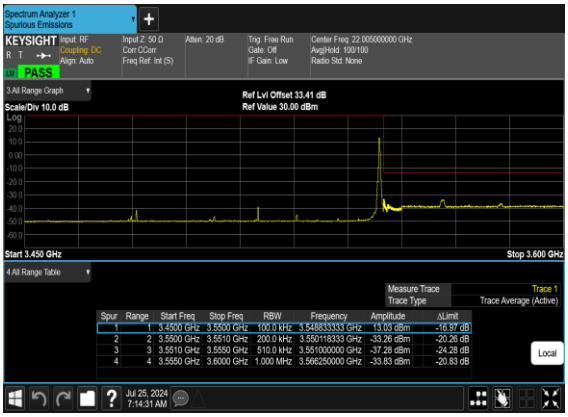
N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



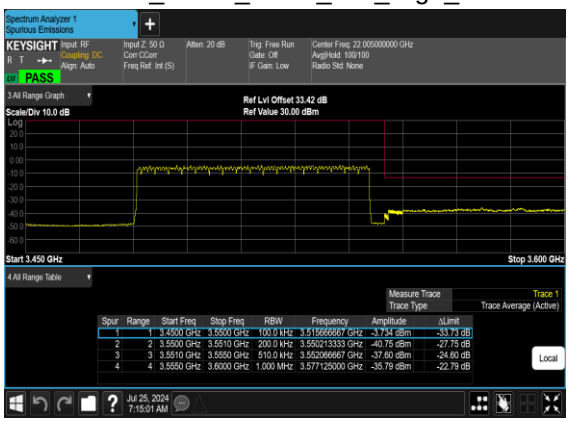
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



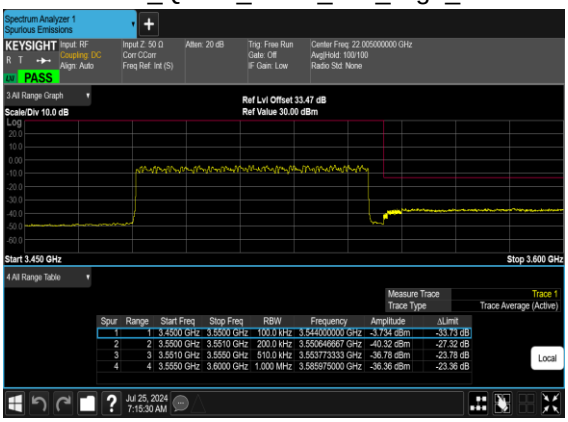
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT5)								
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)
Middle	6900	-57.45	-13	-44.45	-67.66	3.03	13.24	H
	10356	-51.88	-13	-38.88	-61.33	3.56	13.01	H
	13800	-54.02	-13	-41.02	-63.54	3.92	13.44	H
	6900	-61.62	-13	-48.62	-71.83	3.03	13.24	V
	10356	-54.13	-13	-41.13	-63.58	3.56	13.01	V
	13800	-58.56	-13	-45.56	-68.08	3.92	13.44	V

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

n78 SA / NR 100MHz / QPSK(ANT5)								
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)
Middle	6900	-58.97	-13	-45.97	-69.18	3.03	13.24	H
	10356	-50.89	-13	-37.89	-60.34	3.56	13.01	H
	13800	-52.89	-13	-39.89	-62.41	3.92	13.44	H
	6900	-60.60	-13	-47.60	-70.81	3.03	13.24	V
	10356	-52.61	-13	-39.61	-62.06	3.56	13.01	V
	13800	-56.63	-13	-43.63	-66.15	3.92	13.44	V

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

EN-DC_41A_n78A / LTE 20MHz + NR 100MHz / QPSK(ANT1+5)								
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)
Middle	6900	-58.13	-13	-45.13	-68.34	3.03	13.24	H
	10356	-55.14	-13	-42.14	-64.59	3.56	13.01	H
	13800	-57.99	-13	-44.99	-67.51	3.92	13.44	H
	6900	-61.78	-13	-48.78	-71.99	3.03	13.24	V
	10356	-58.01	-13	-45.01	-67.46	3.56	13.01	V
	13800	-57.32	-13	-44.32	-66.84	3.92	13.44	V

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

EN-DC_2A_n77A / LTE 20MHz + NR 100MHz / QPSK(ANT1+5)								
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)
Middle	6900	-59.52	-13	-46.52	-69.73	3.03	13.24	H
	10356	-48.45	-13	-35.45	-57.90	3.56	13.01	H
	13800	-56.77	-13	-43.77	-66.29	3.92	13.44	H
	6900	-61.13	-13	-48.13	-71.34	3.03	13.24	V
	10356	-53.82	-13	-40.82	-63.27	3.56	13.01	V
	13800	-57.82	-13	-44.82	-67.34	3.92	13.44	V

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