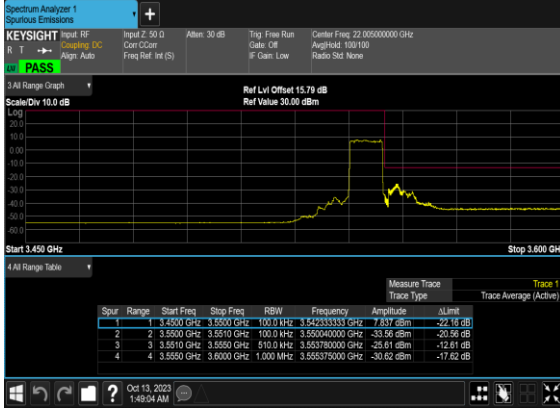


N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



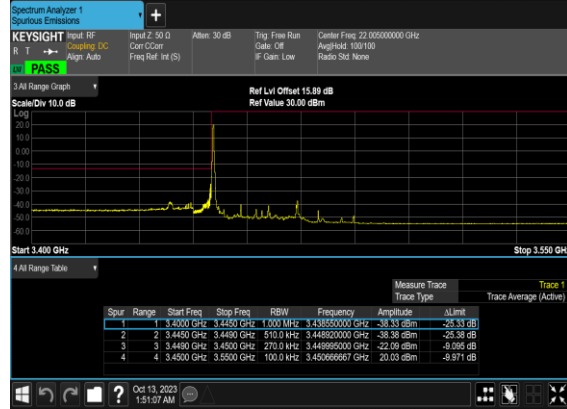
N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



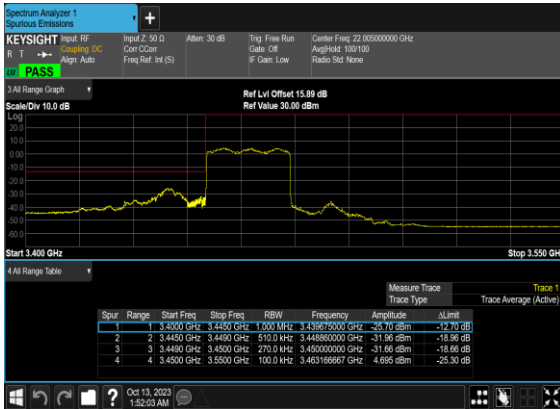
N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



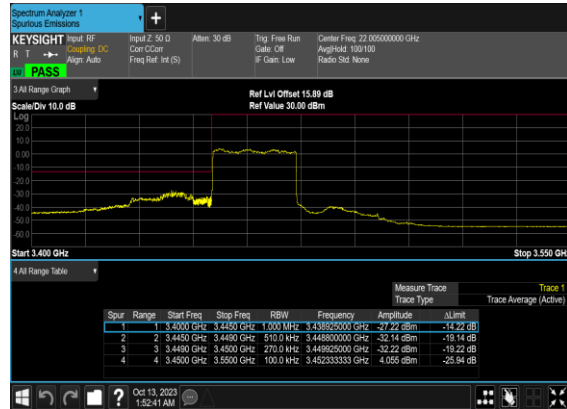
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N78(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



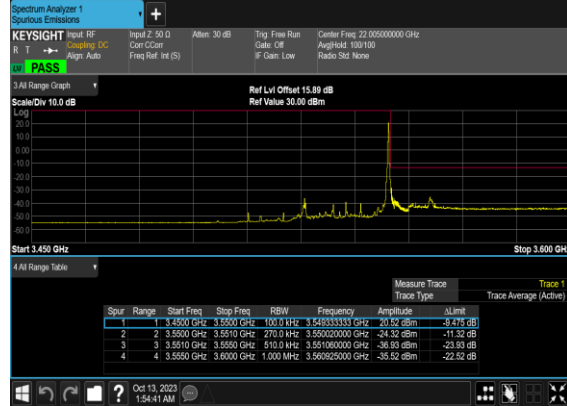
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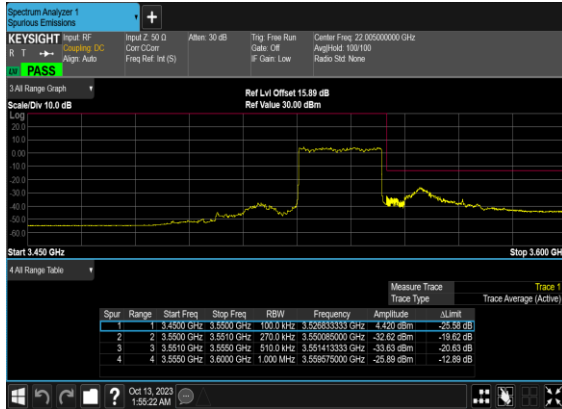
N78(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



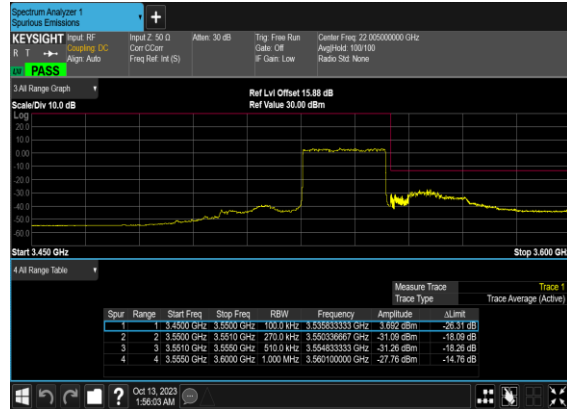
N78(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



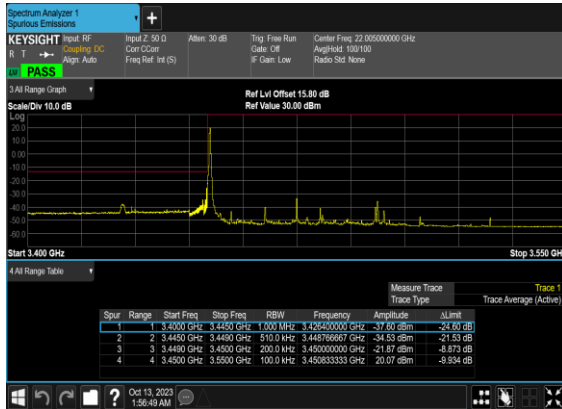
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OFDM_BPSK_Outer_Full_High_CH



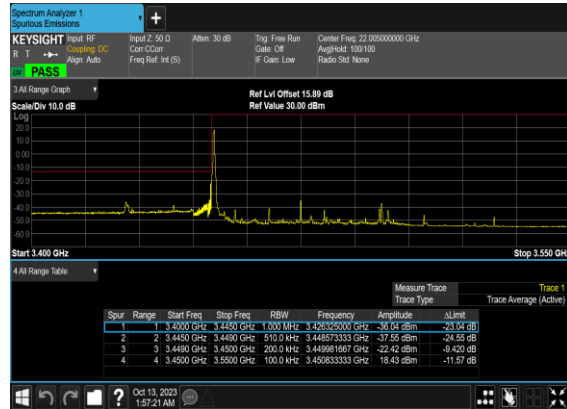
N78(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



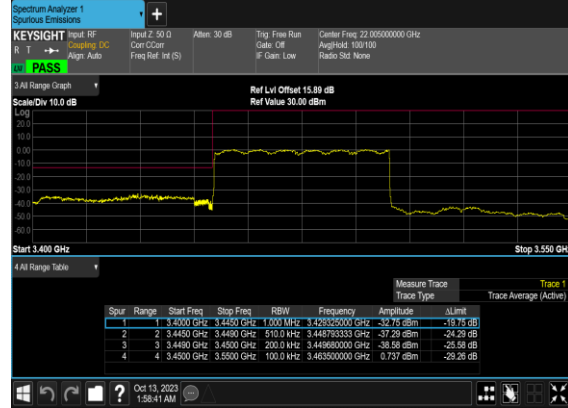
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



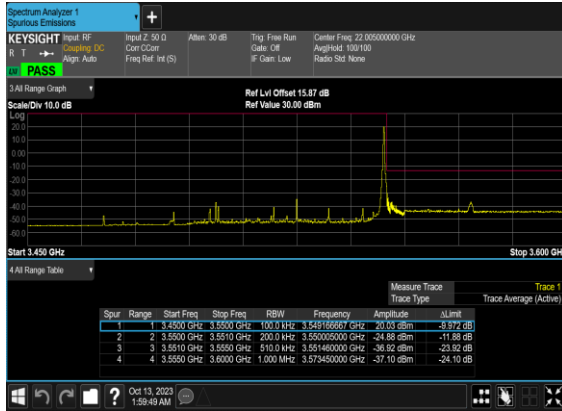
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



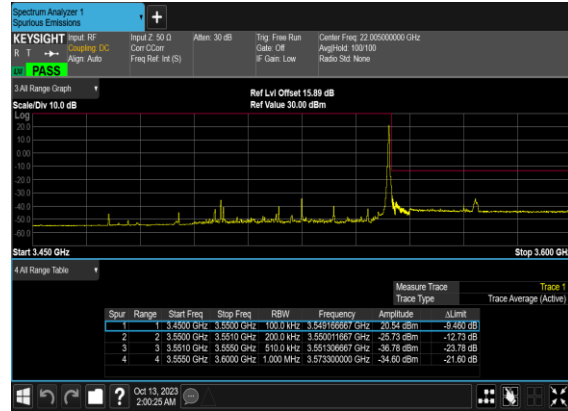
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



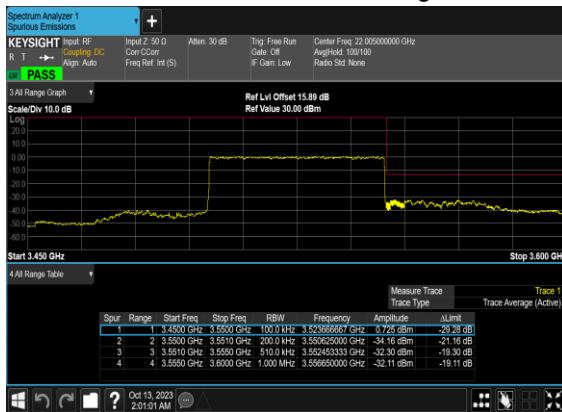
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



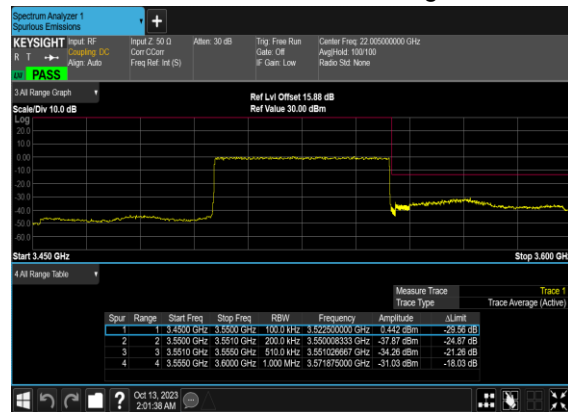
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78-SCS 30K(ANT6)

Transmitter Conducted Output Power and EIRP, (G_T - L_C)=0dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	26.13	26.13	0.4102
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	25.21	25.21	0.3319
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	26	26	0.3981
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.08	25.08	0.3221
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	25.73	25.73	0.3741
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	24.81	24.81	0.3027
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	26.16	26.16	0.4130
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	25.21	25.21	0.3319
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.9	25.9	0.3890
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.91	24.91	0.3097
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	25.69	25.69	0.3707
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	24.76	24.76	0.2992
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	26.18	26.18	0.4150
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.24	25.24	0.3342
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.78	25.78	0.3784
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.92	24.92	0.3105
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	25.76	25.76	0.3767
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	24.86	24.86	0.3062
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	26.15	26.15	0.4121
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	25.25	25.25	0.3350
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.59	25.59	0.3622
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.73	24.73	0.2972
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	25.86	25.86	0.3855
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.94	24.94	0.3119
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	26.23	26.23	0.4198
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	25.25	25.25	0.3350
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.52	25.52	0.3565
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.58	24.58	0.2871
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	26.09	26.09	0.4064

78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	25.09	25.09	0.3228
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	26.16	26.16	0.4130
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	25.22	25.22	0.3327
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.39	25.39	0.3459
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.46	24.46	0.2793
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	26.29	26.29	0.4256
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	25.33	25.33	0.3412
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	26.18	26.18	0.4150
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	25.29	25.29	0.3381
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.42	25.42	0.3483
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.49	24.49	0.2812
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	26.21	26.21	0.4178
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	25.26	25.26	0.3357
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	26.2	26.2	0.4169
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	25.27	25.27	0.3365
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.51	25.51	0.3556
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.57	24.57	0.2864
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	25.8	25.8	0.3802
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	24.89	24.89	0.3083
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	26.34	26.34	0.4305
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	25.37	25.37	0.3443
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	25.84	25.84	0.3837
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.84	24.84	0.3048
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	25.64	25.64	0.3664
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	24.7	24.7	0.2951
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	26.3	26.3	0.4266
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	25.36	25.36	0.3436
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.03	26.03	0.4009
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.08	25.08	0.3221
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	25.77	25.77	0.3776
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	24.78	24.78	0.3006
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	26.32	26.32	0.4285
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	25.37	25.37	0.3443
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.22	26.22	0.4188
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.3	25.3	0.3388
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	26.06	26.06	0.4036

78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	25.14	25.14	0.3266
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@ 67	25.83	25.83	0.3828
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	26.41	26.41	0.4375
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@27 1	25.71	25.71	0.3724
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@ 67	25.92	25.92	0.3908
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	26.36	26.36	0.4325
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@27 1	25.6	25.6	0.3631
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@ 67	24.99	24.99	0.3155
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	25.35	25.35	0.3428
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@27 1	24.74	24.74	0.2979
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@ 67	23.53	23.53	0.2254
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	23.93	23.93	0.2472
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@27 1	23.3	23.3	0.2138
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@ 67	21.52	21.52	0.1419
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	21.65	21.65	0.1462
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@27 1	21.01	21.01	0.1262
78	30	100	633334	3500.01	CP-OFDM QPSK	137@ 68	24.44	24.44	0.2780
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	24.76	24.76	0.2992
78	30	100	633334	3500.01	CP-OFDM QPSK	1@27 1	24.08	24.08	0.2559

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0035	PASS	NV
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0055	PASS	LV
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0061	PASS	HV
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0049	PASS	-30°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0030	PASS	-20°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0050	PASS	-10°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0068	PASS	0°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0033	PASS	10°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0035	PASS	20°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0034	PASS	30°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0034	PASS	40°C
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	0.0046	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	10.18	13	PASS
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@0	6.44	13	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	10.46	13	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	7.47	13	PASS

N78(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



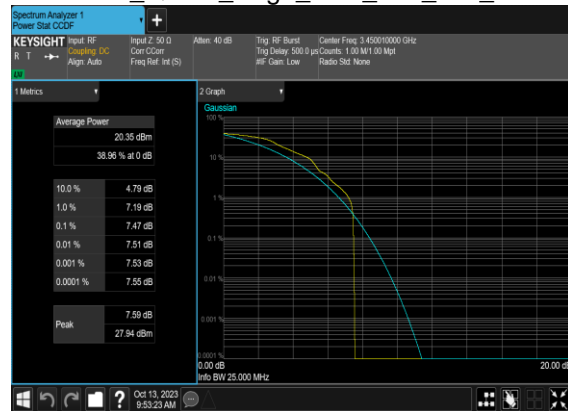
N78(100M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



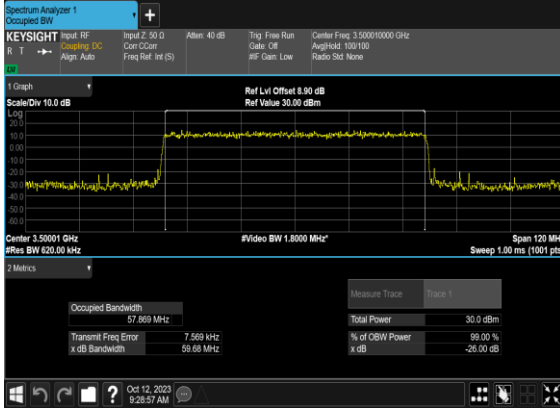
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



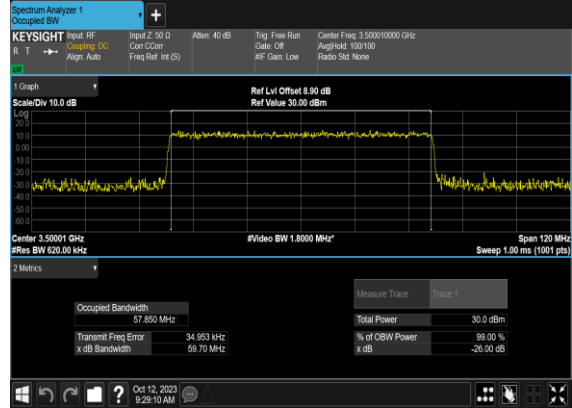
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.869	59.68
78	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.85	59.7
78	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.733	59.69
78	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.745	59.64
78	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.589	69.53
78	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.361	69.54
78	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.446	69.57
78	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.36	69.51
78	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.476	79.95
78	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.603	79.96
78	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.551	79.91
78	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.503	79.99
78	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.541	90.21
78	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.457	90.15
78	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.26	90.15
78	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.522	90.31
78	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.441	100.5
78	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.399	100.6
78	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.355	100.5
78	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.337	100.6

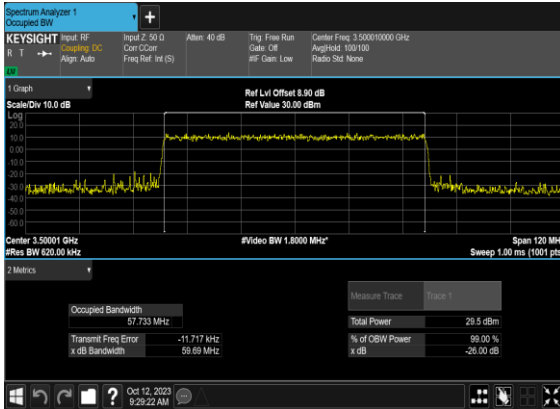
N78(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



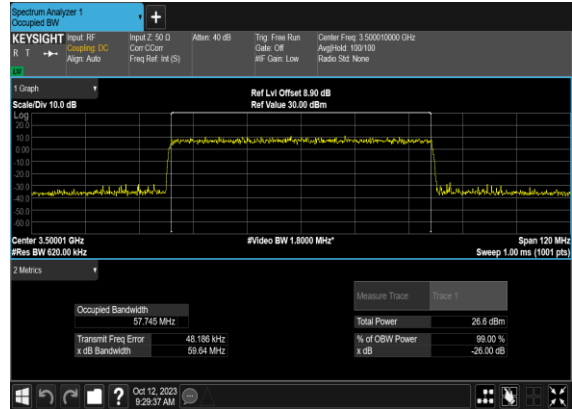
N78(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



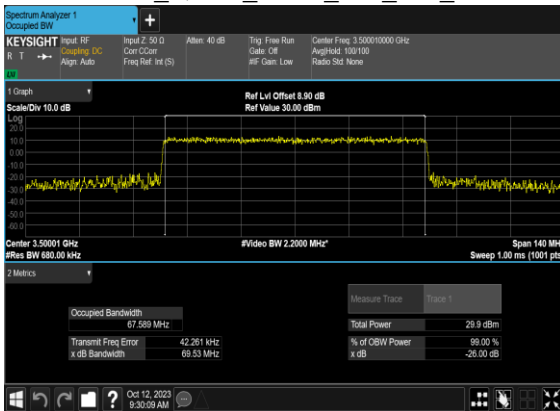
N78(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



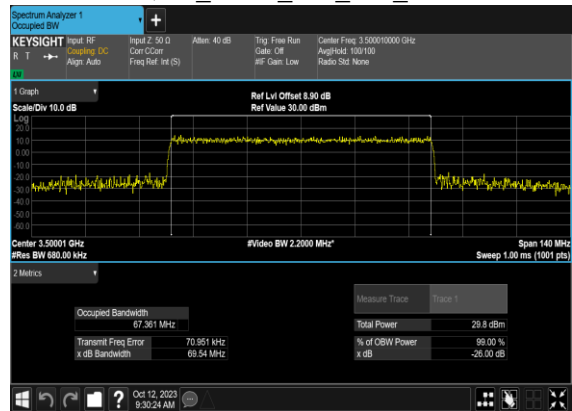
N78(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



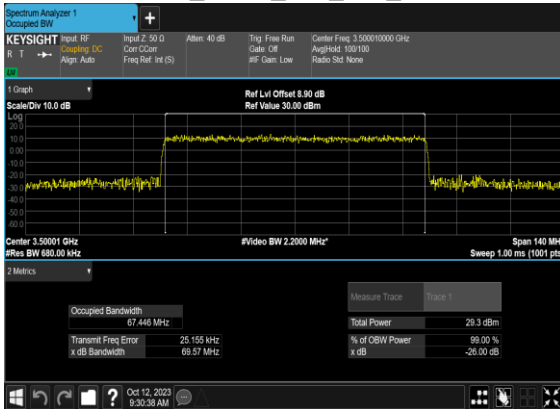
N78(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



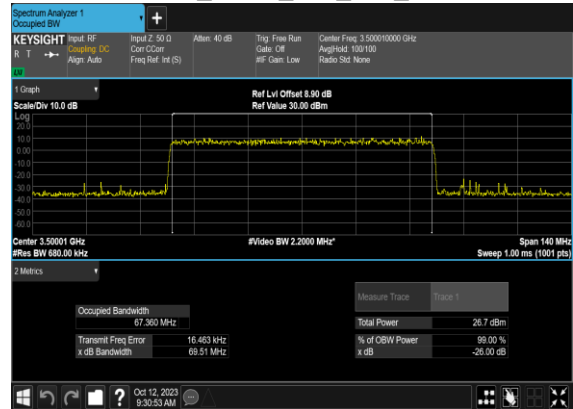
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



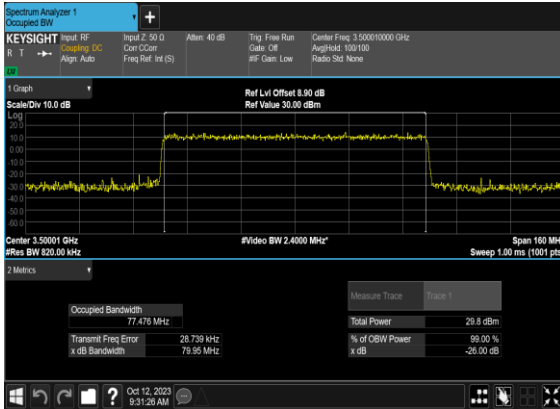
N78(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



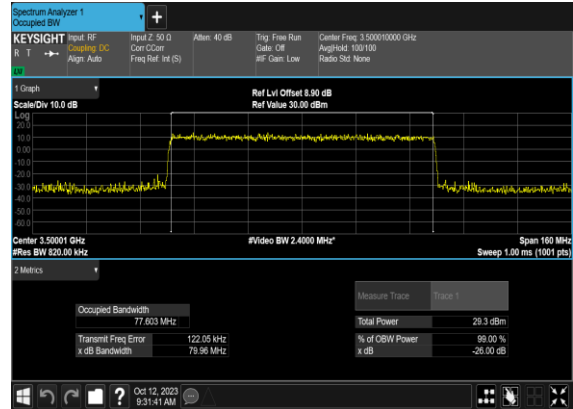
N78(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



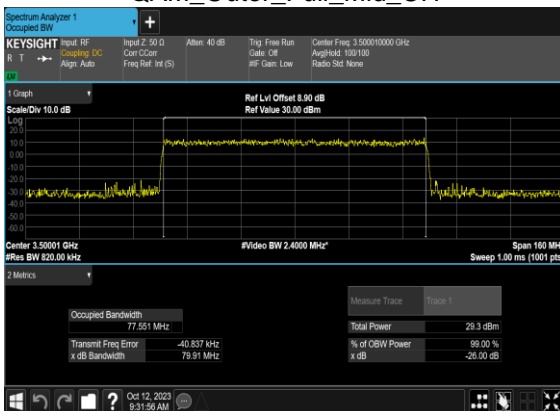
N78(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



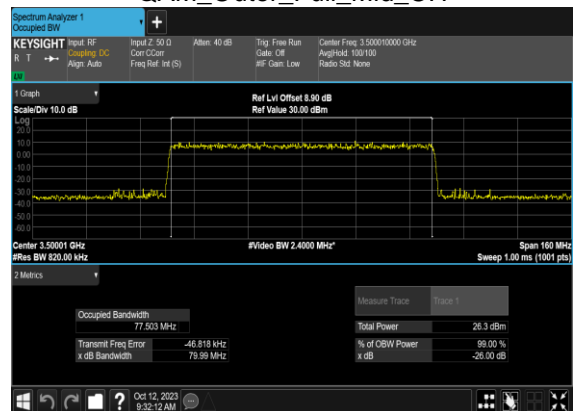
N78(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



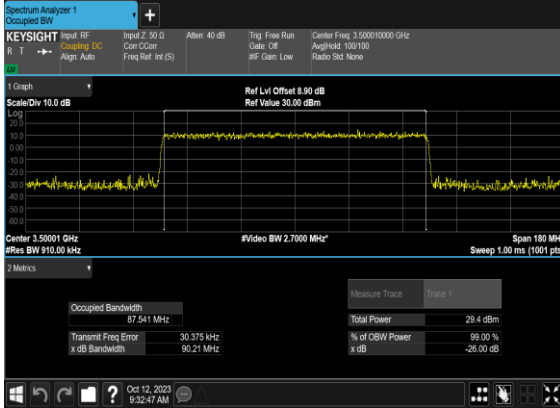
N78(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N78(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



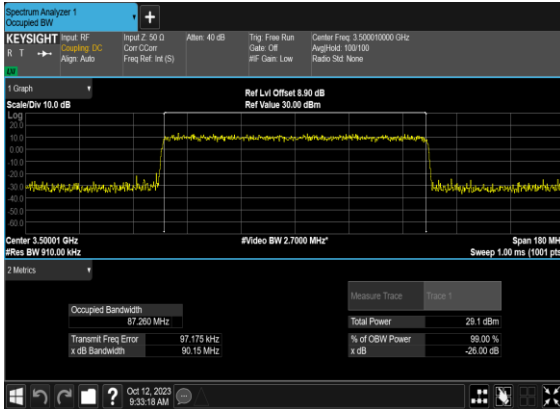
N78(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



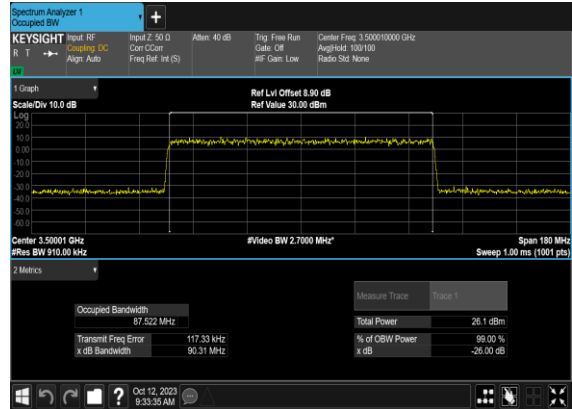
N78(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



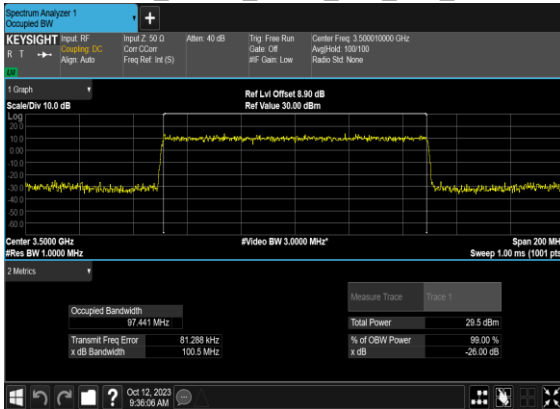
N78(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



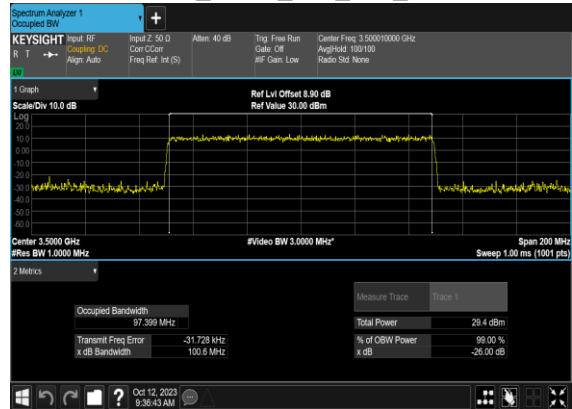
N78(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



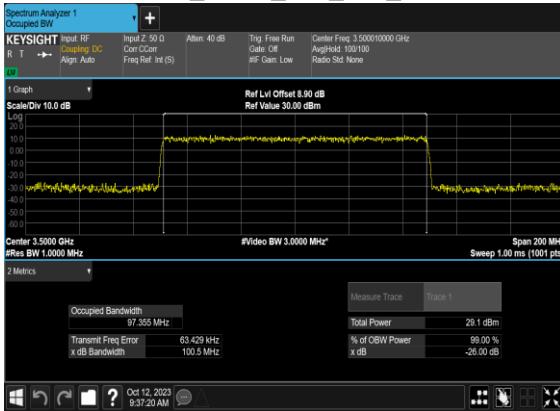
N78(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



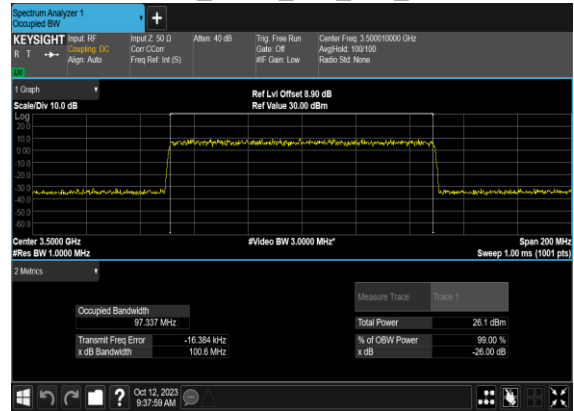
N78(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N78(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

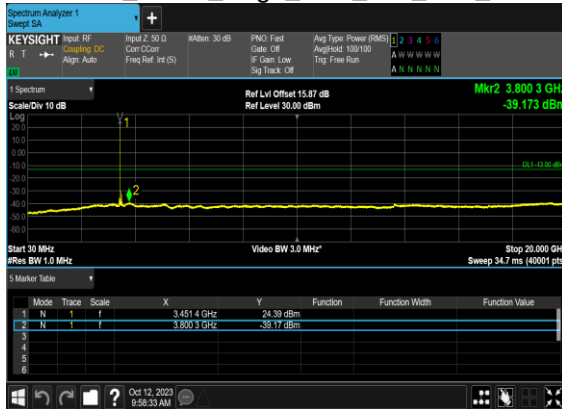


Conducted Spurious Emissions

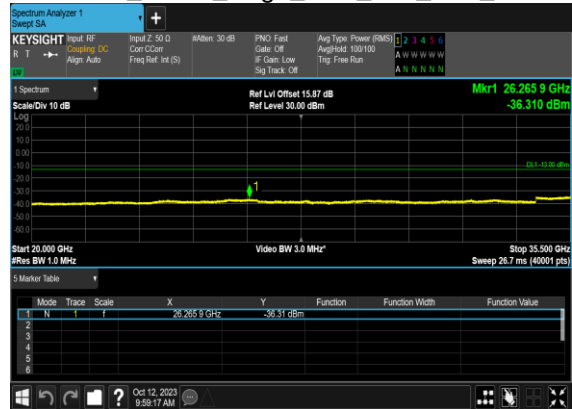
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	---

78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	---
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	---
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS

N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



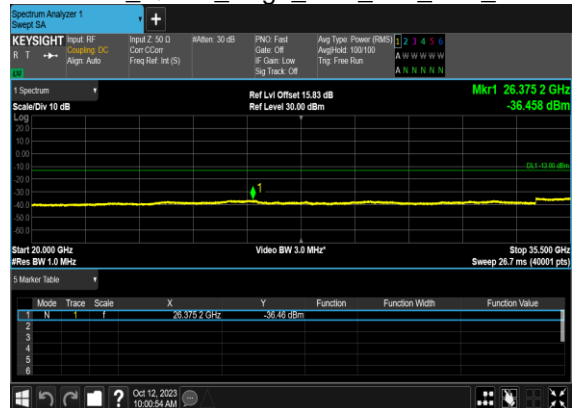
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



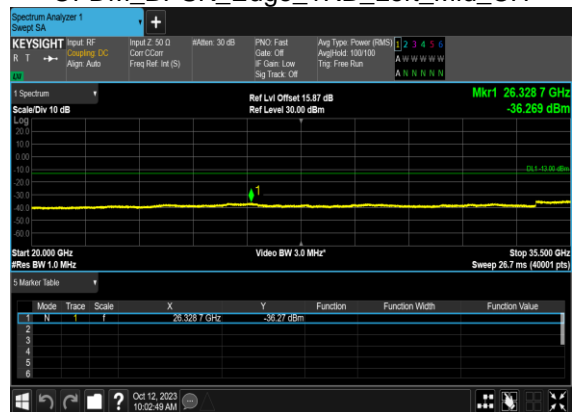
N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



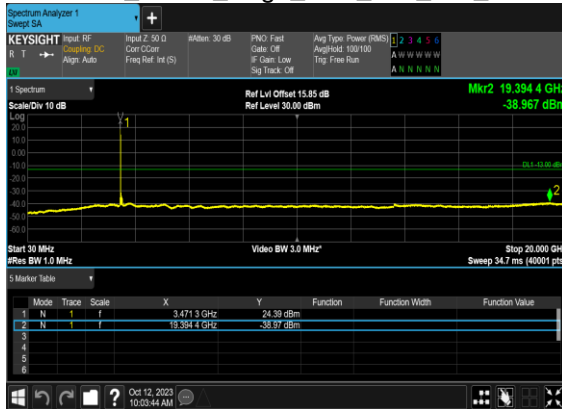
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



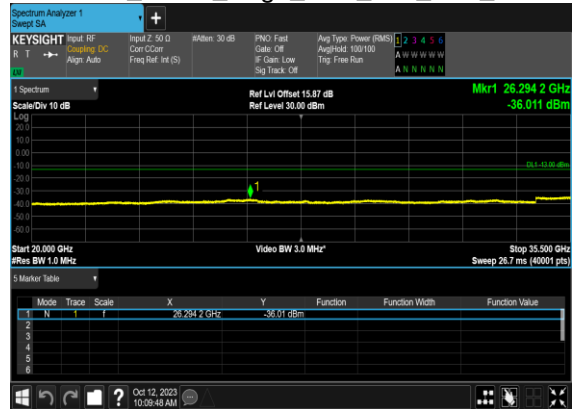
N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



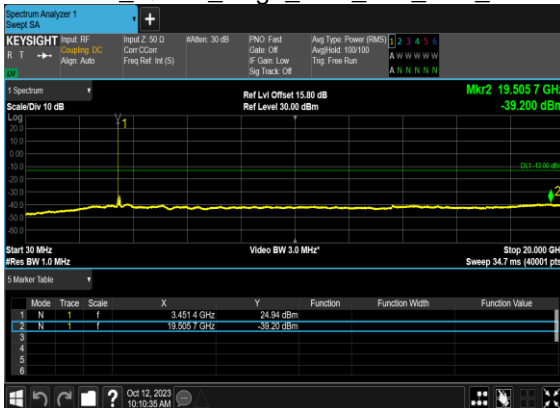
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



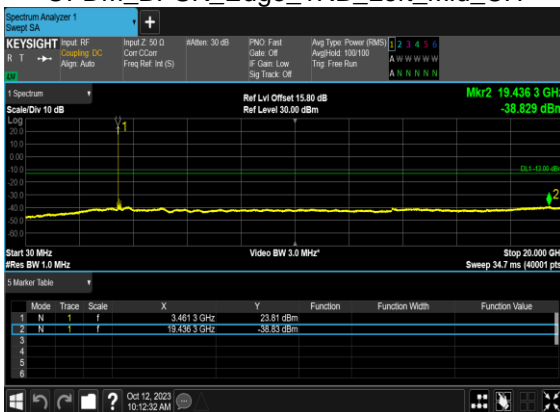
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



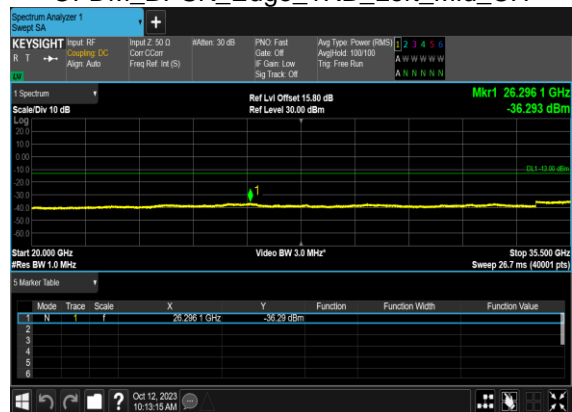
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



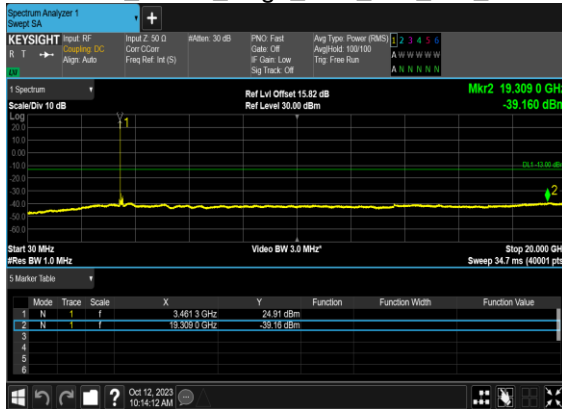
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



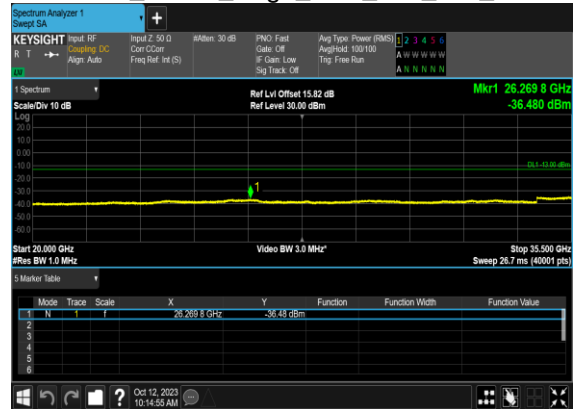
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



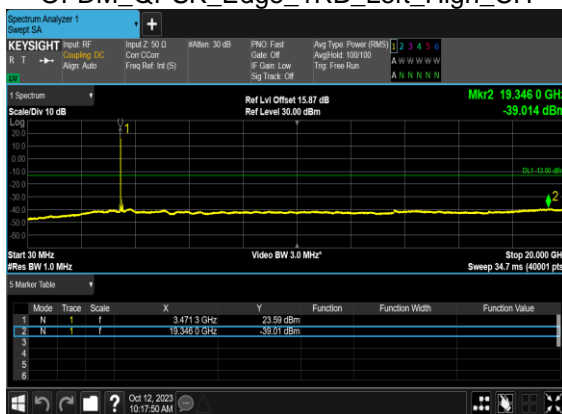
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



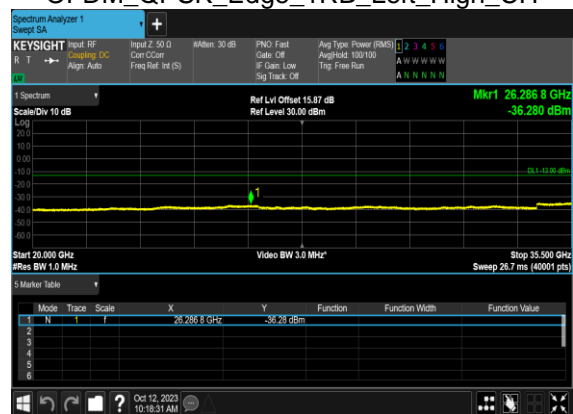
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



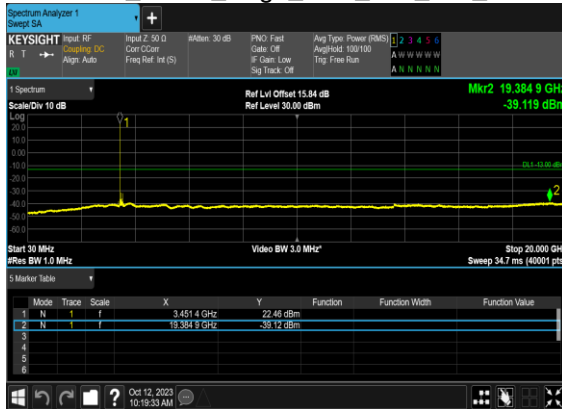
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



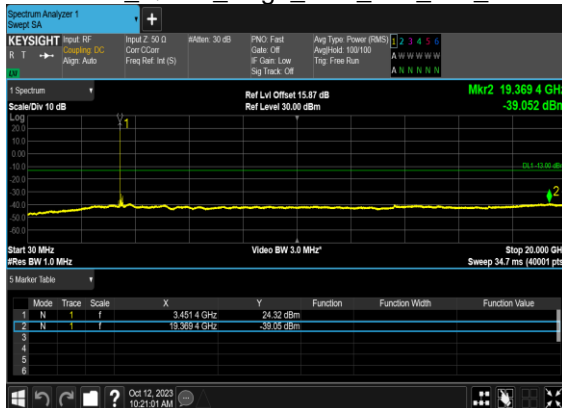
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



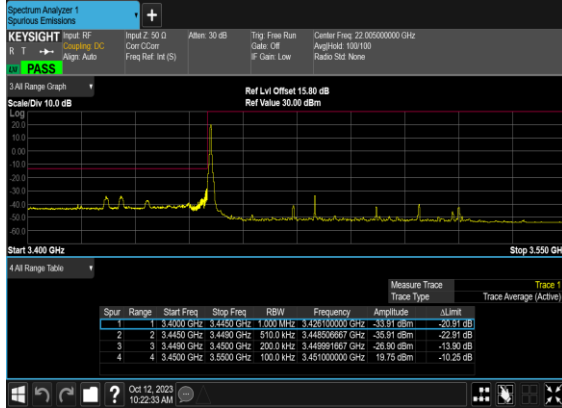
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM BPSK	216@0	see graph	PASS
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	216@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	1@216	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	1@216	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
78	30	80	634000	3510.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS

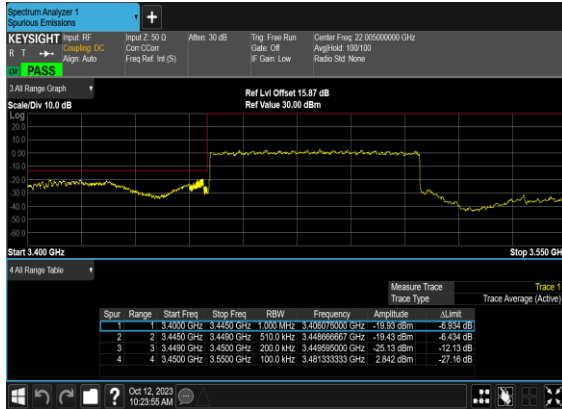
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



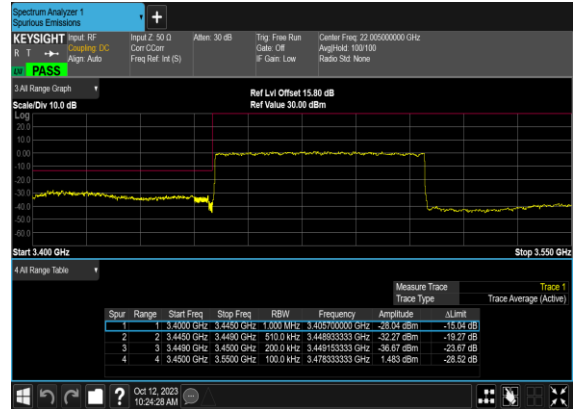
N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



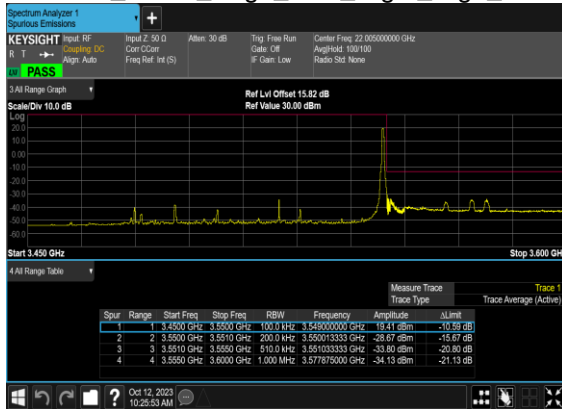
N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



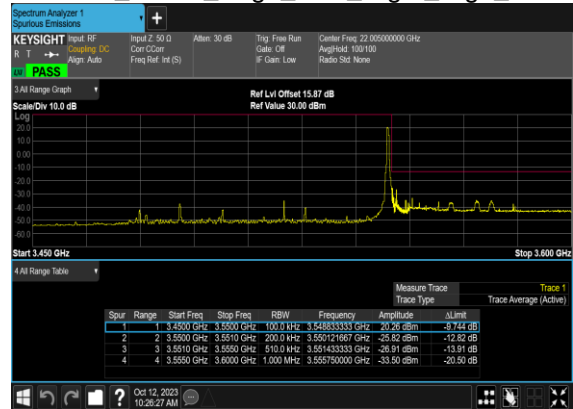
N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



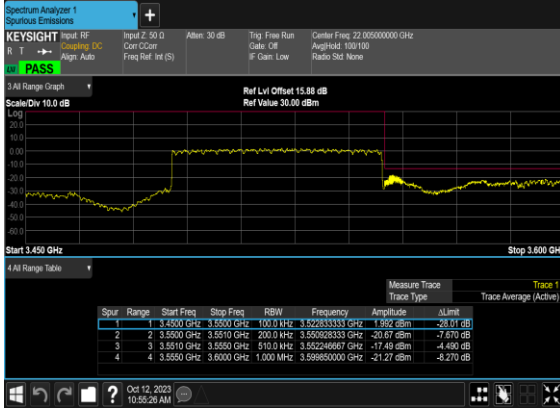
N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



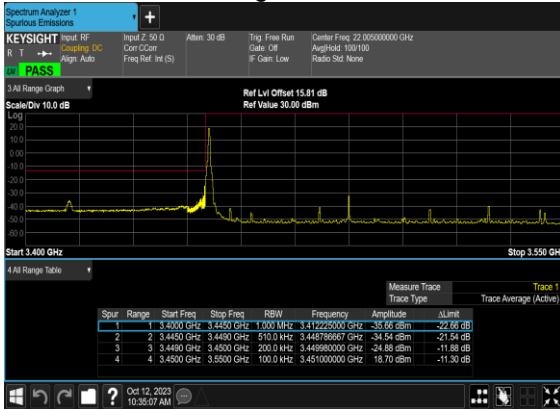
N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



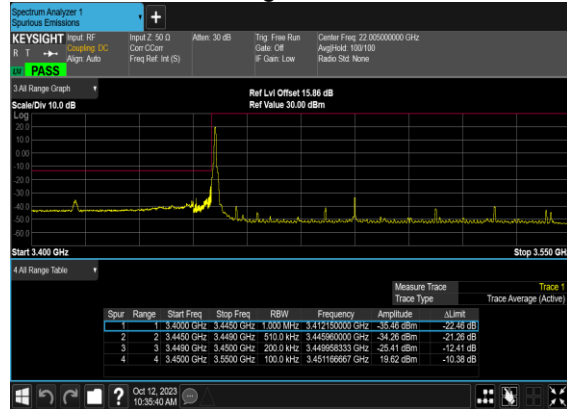
N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



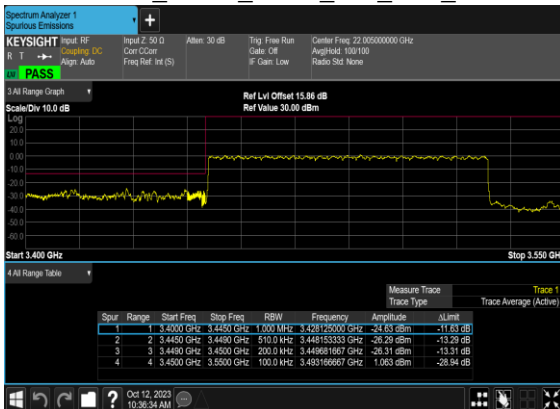
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



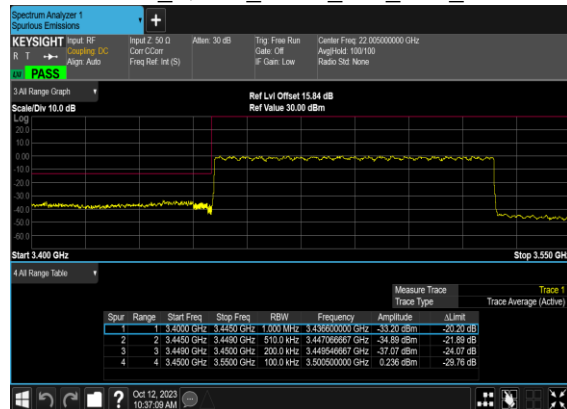
N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



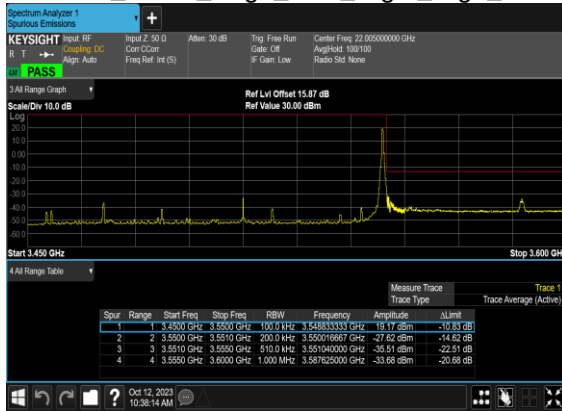
N78(80M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N78(80M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



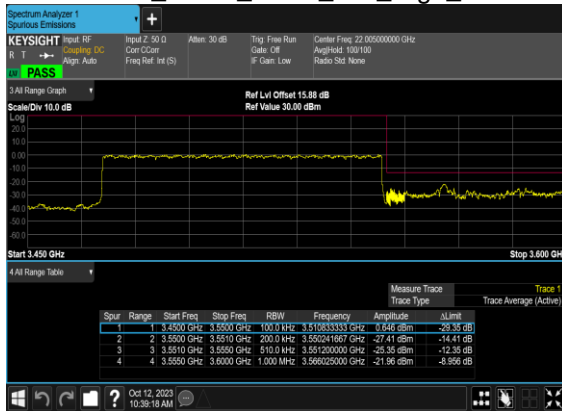
N78(80M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N78(80M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



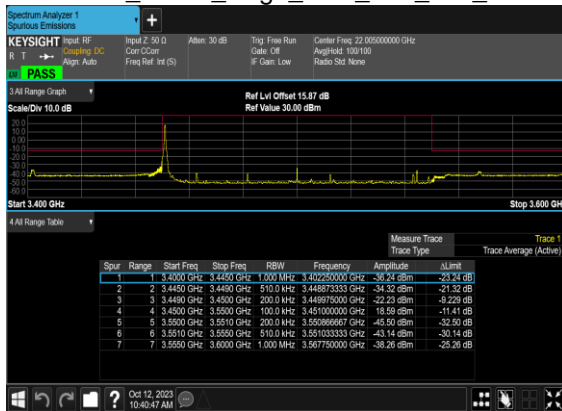
N78(80M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



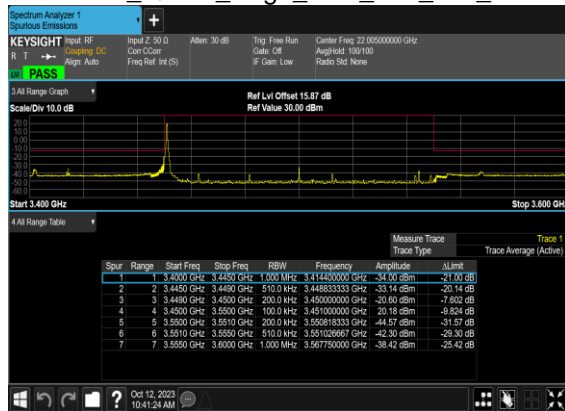
N78(80M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



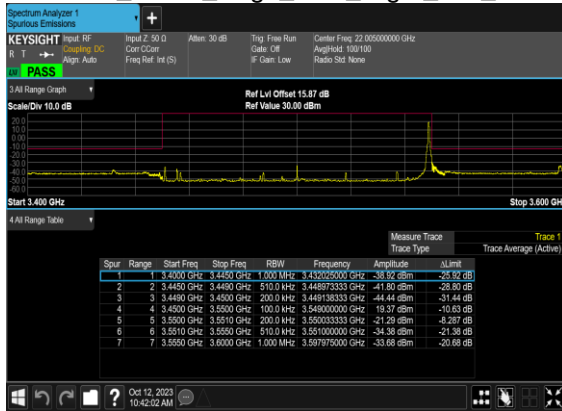
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



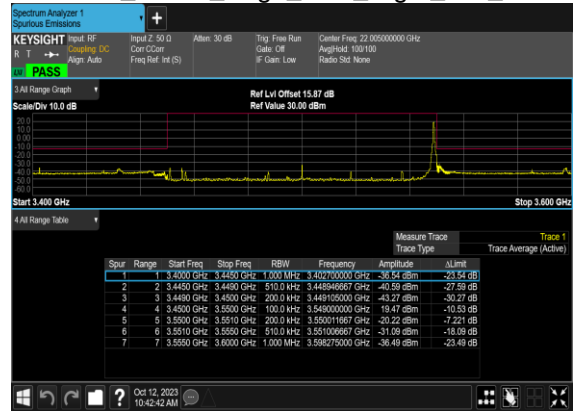
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



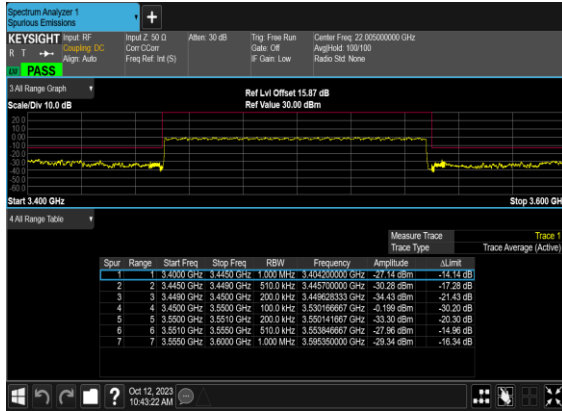
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



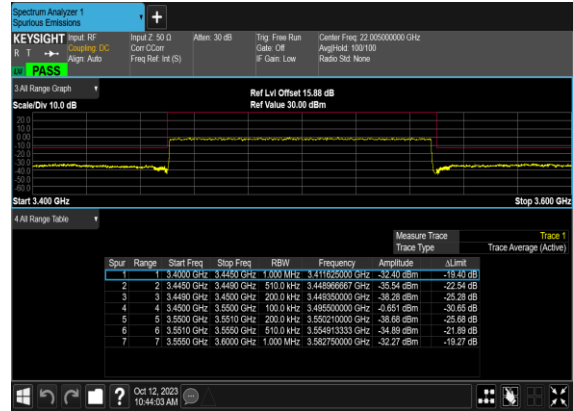
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

SA n78 / NR 100MHz / QPSK / ANT5									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6901.5	-58.91	-13	-45.91	-50.46	-62.21	8.30	11.60	H
	10352.25	-56.18	-13	-43.18	-54.36	-57.70	10.48	12.00	H
	13803	-54.37	-13	-41.37	-55.30	-56.07	11.80	13.50	H
	6901.5	-59.15	-13	-46.15	-51.04	-62.45	8.30	11.60	V
	10352.25	-57.72	-13	-44.72	-54.93	-59.24	10.48	12.00	V
	13803	-54.34	-13	-41.34	-55.32	-56.04	11.80	13.50	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT1 (LTE) & ANT5(NR)									
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 n78 Middle	6901.5	-58.92	-13	-45.92	-50.47	-62.22	8.30	11.60	H
	10352.25	-55.45	-13	-42.45	-53.63	-56.97	10.48	12.00	H
	13803	-53.53	-13	-40.53	-54.46	-55.23	11.80	13.50	H
	6901.5	-59.32	-13	-46.32	-51.21	-62.62	8.30	11.60	V
	10352.25	-56.61	-13	-43.61	-53.82	-58.13	10.48	12.00	V
	13803	-53.31	-13	-40.31	-54.29	-55.01	11.80	13.50	V
LTE Band41 Middle	5177.00	-63.20	-25	-38.20	-50.55	-68.76	7.14	12.70	H
	7765.50	-59.00	-25	-34.00	-51.80	-62.30	8.30	11.60	H
	10354.00	-55.45	-25	-30.45	-53.63	-56.97	10.48	12.00	H
	5177.00	-63.61	-25	-38.61	-50.62	-69.17	7.14	12.70	V
	7765.50	-57.90	-25	-32.90	-51.35	-61.20	8.30	11.60	V
	10354.00	-56.61	-25	-31.61	-53.82	-58.13	10.48	12.00	V

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