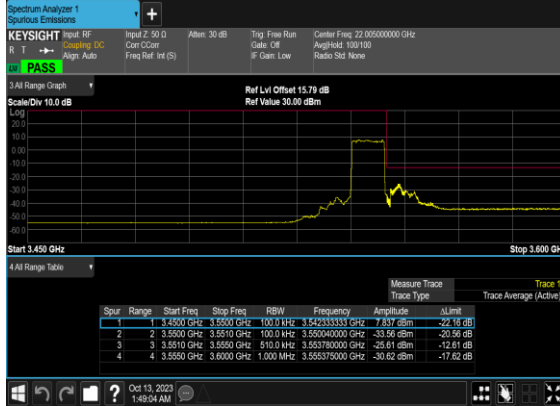


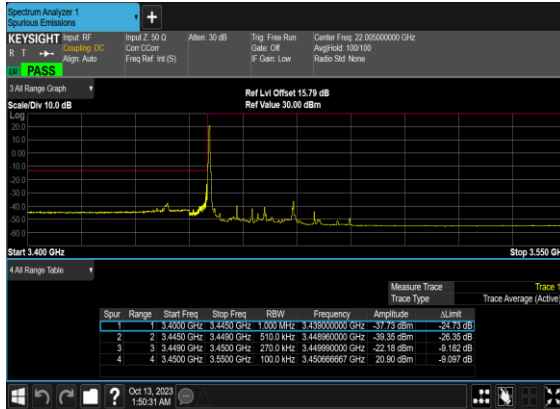
N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



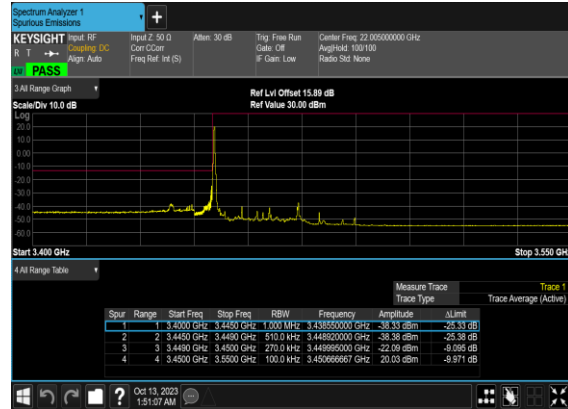
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OFDM_QPSK_Outer_Full_High_CH



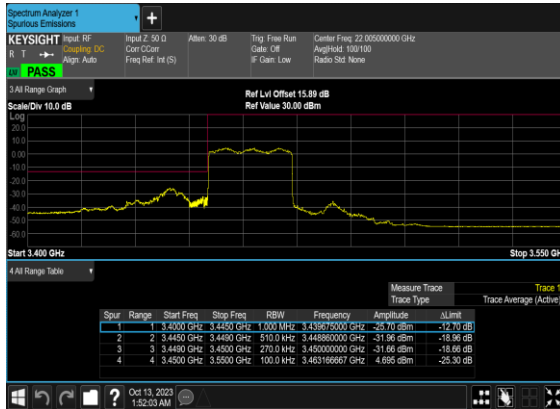
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OFDM_BPSK_Edge_1RB_Left_Low_CH



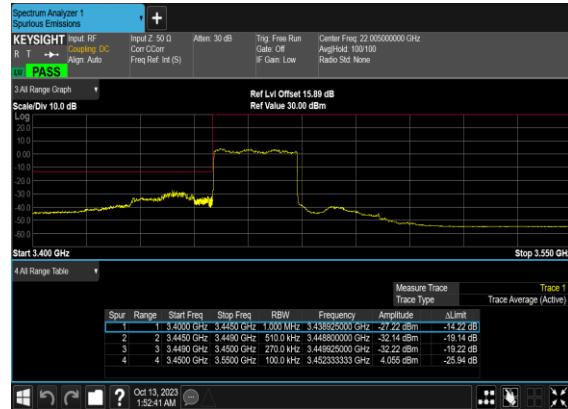
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



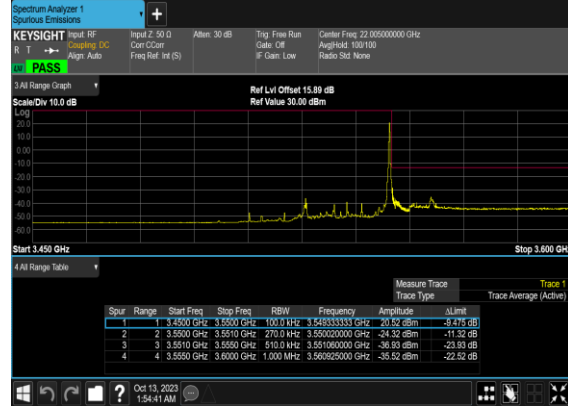
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OFDM_QPSK_Outer_Full_Low_CH



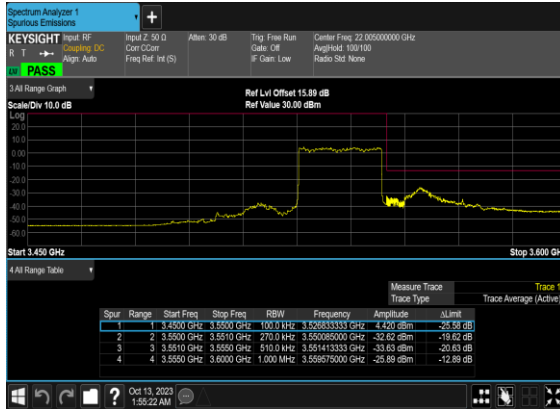
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OFDM_BPSK_Edge_1RB_Right_High_CH



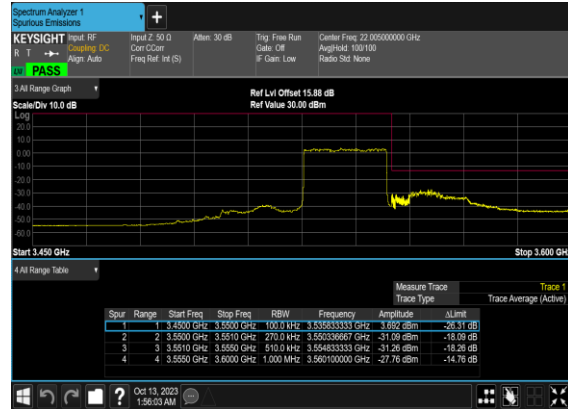
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OFDM_QPSK_Edge_1RB_Right_High_CH



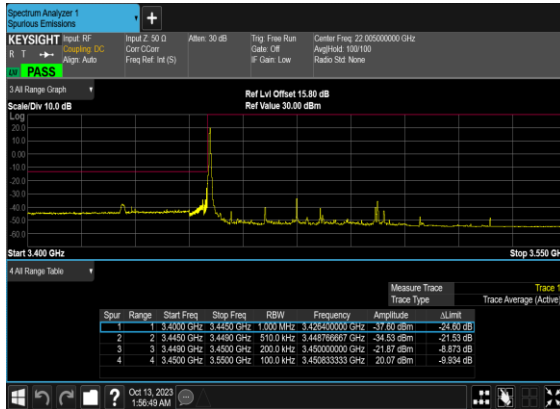
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OFDM_BPSK_Outer_Full_High_CH



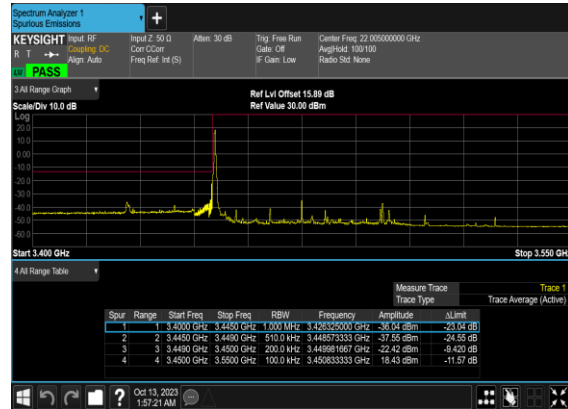
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OFDM_QPSK_Outer_Full_High_CH



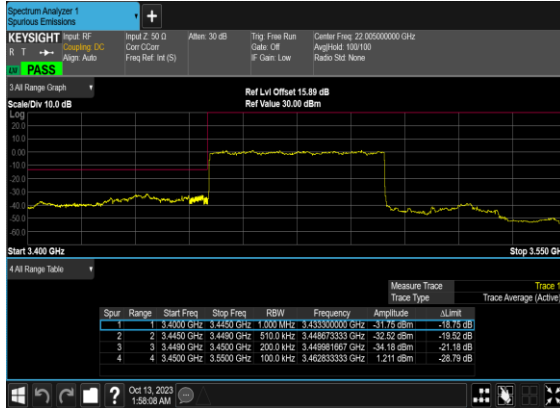
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OFDM_BPSK_Edge_1RB_Left_Low_CH



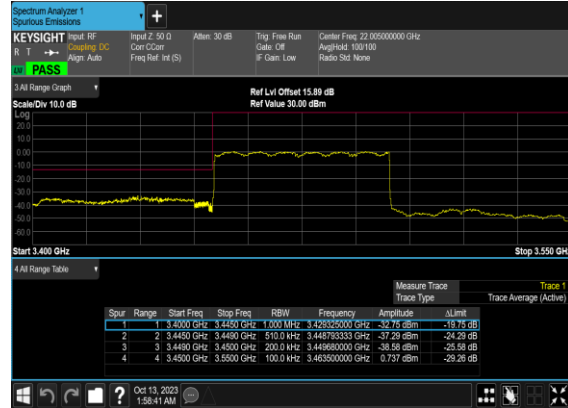
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OFDM_QPSK_Edge_1RB_Left_Low_CH



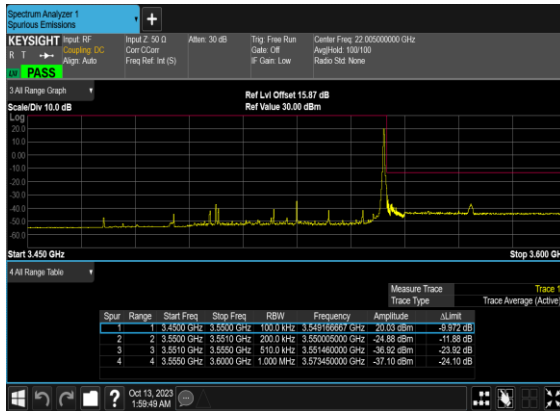
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OFDM_BPSK_Outer_Full_Low_CH



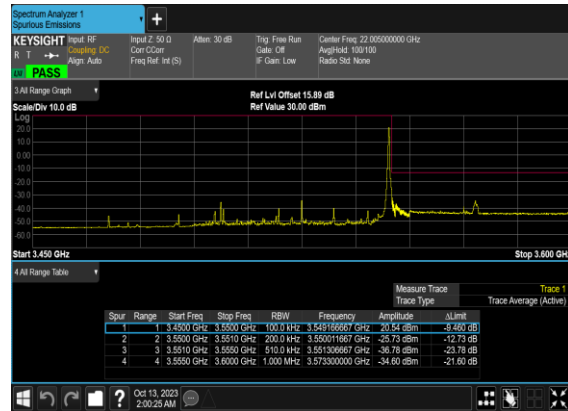
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OFDM_QPSK_Outer_Full_Low_CH



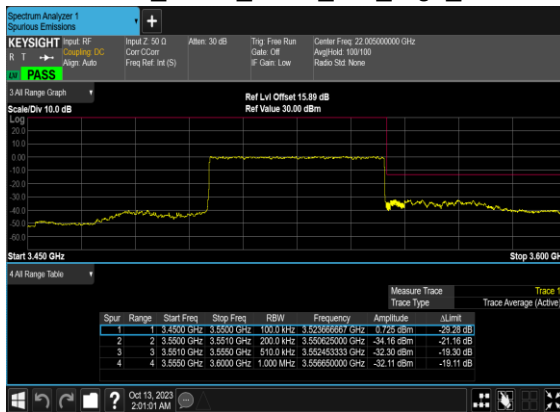
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OFDM_BPSK_Edge_1RB_Right_High_CH



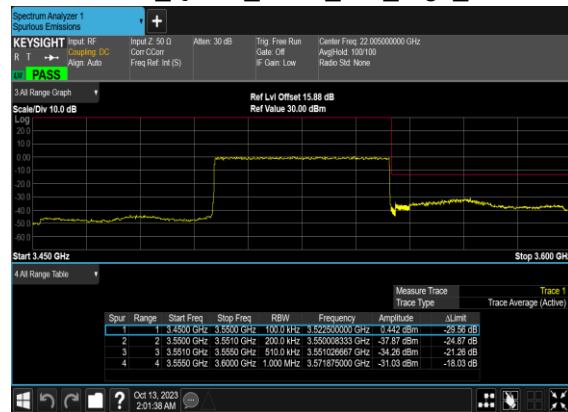
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OFDM_QPSK_Edge_1RB_Right_High_CH



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

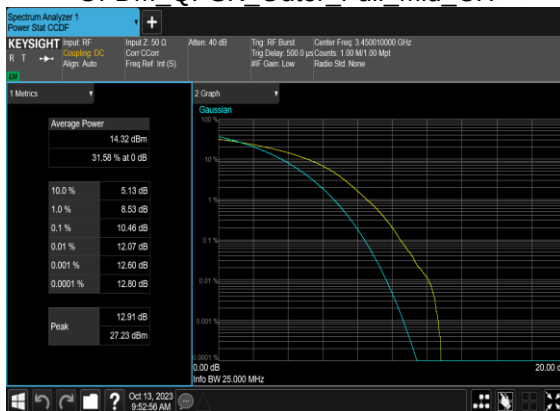
N78(100M)_DFT-s-OFDM_PI_2-BPSK Outer Full Mid CH



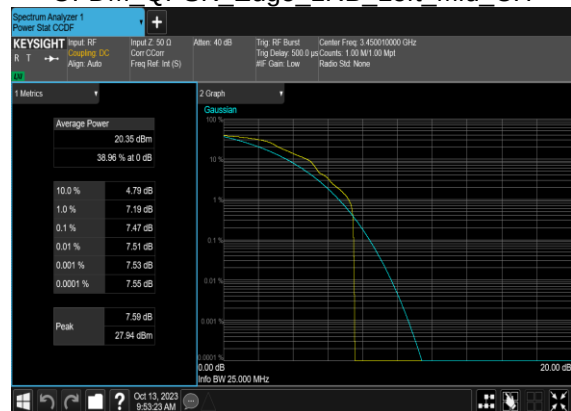
N78(100M)_DFT-s-OFDM_PI_2-BPSK Edge 1RB Left Mid CH



N78(100M)_DFT-s-OFDM QPSK Outer Full Mid CH



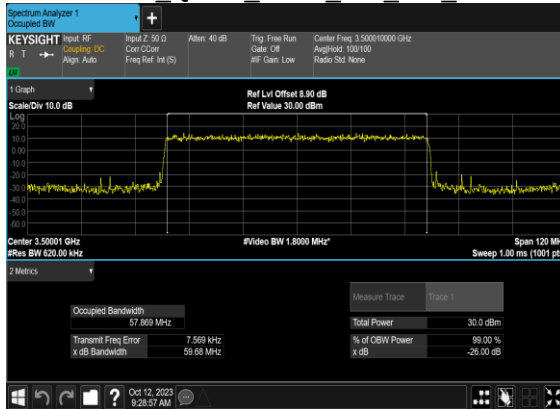
N78(100M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



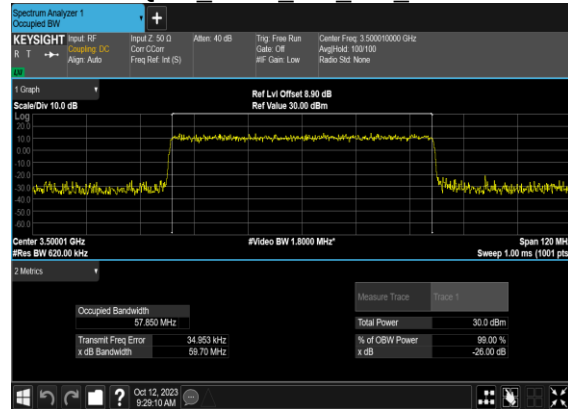
Occupied Bandwidth

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

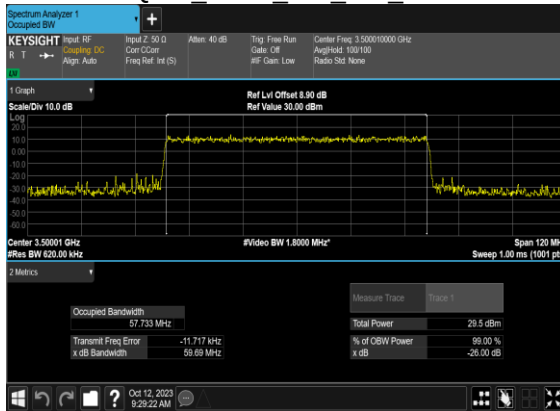
N78(60M)_CP-OFDM_QPSK Outer Full Mid CH



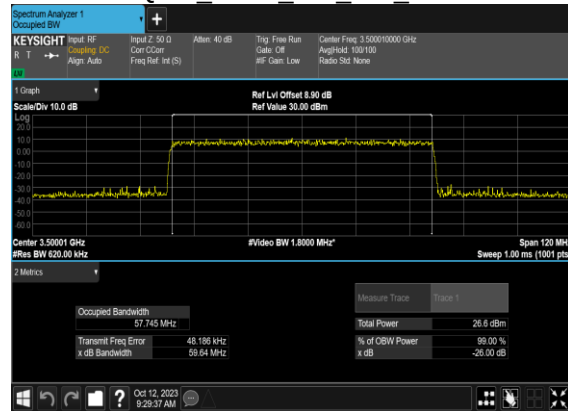
N78(60M)_CP-OFDM_16QAM Outer Full Mid CH



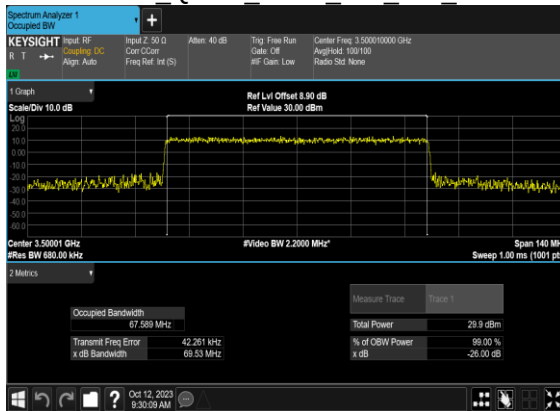
N78(60M)_CP-OFDM_64QAM Outer Full Mid CH



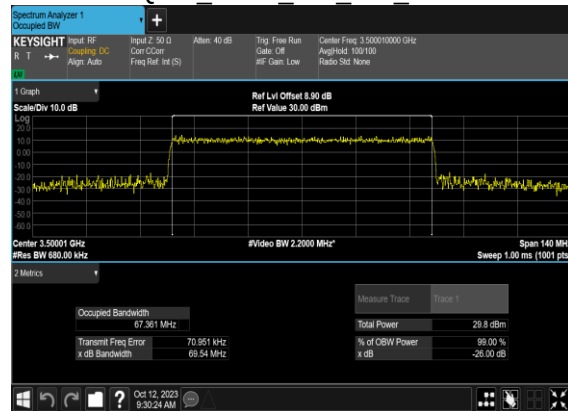
N78(60M)_CP-OFDM_256QAM Outer Full Mid CH



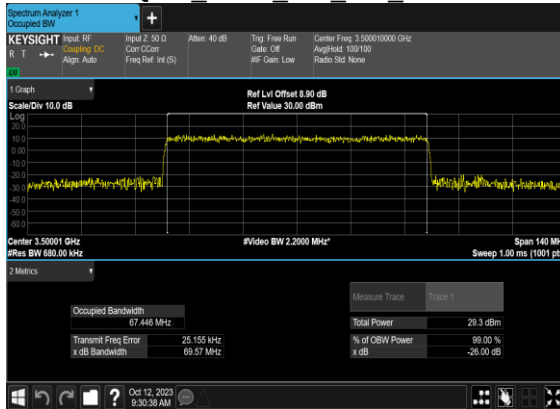
N78(70M)_CP-OFDM_QPSK Outer Full Mid CH



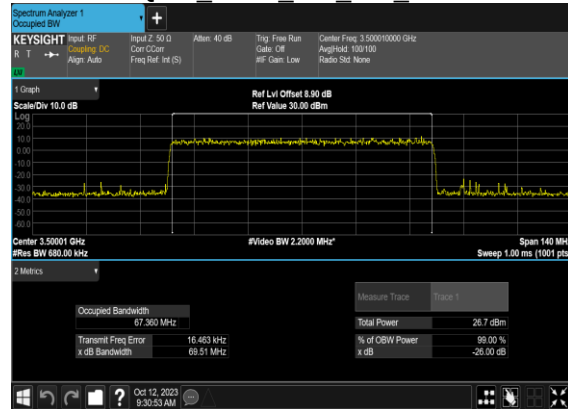
N78(70M)_CP-OFDM_16QAM Outer Full Mid CH



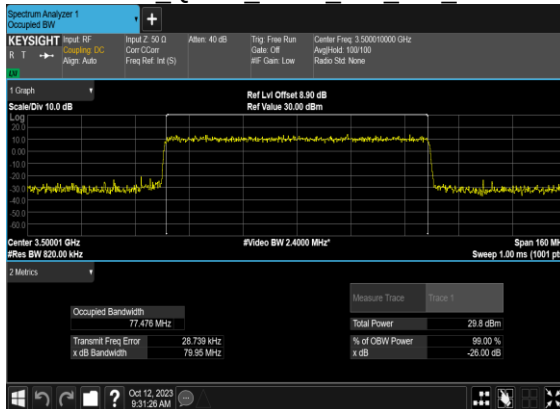
N78(70M)_CP-OFDM_64
QAM Outer Full Mid CH



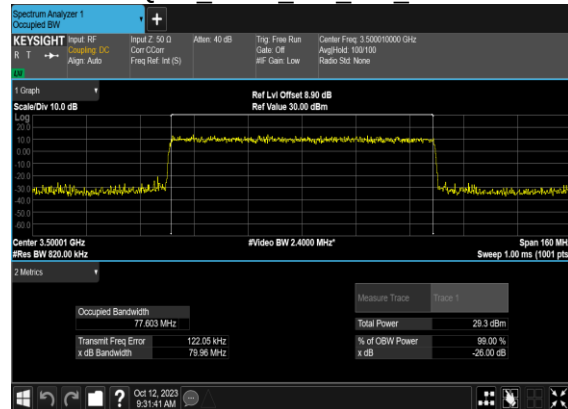
N78(70M)_CP-OFDM_256
QAM Outer Full Mid CH



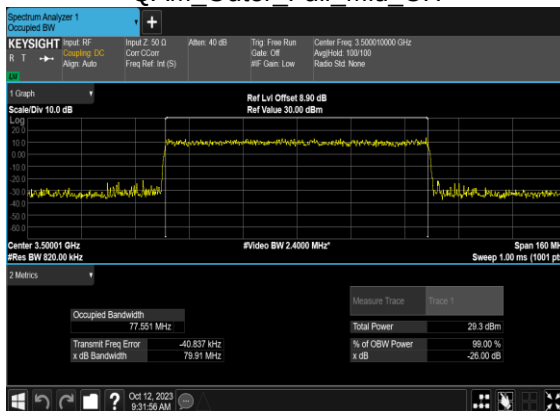
N78(80M)_CP-OFDM_QPSK Outer Full Mid CH



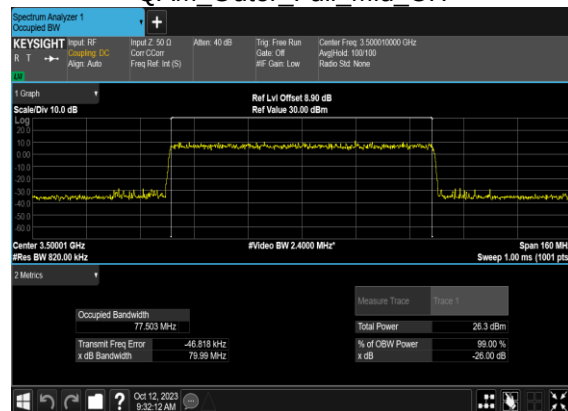
N78(80M)_CP-OFDM_16
QAM Outer Full Mid CH



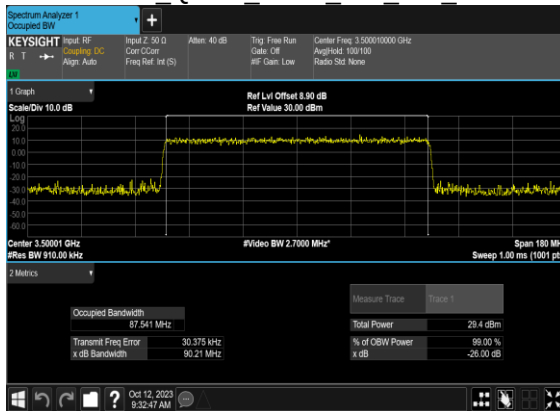
N78(80M)_CP-OFDM_64
QAM Outer Full Mid CH



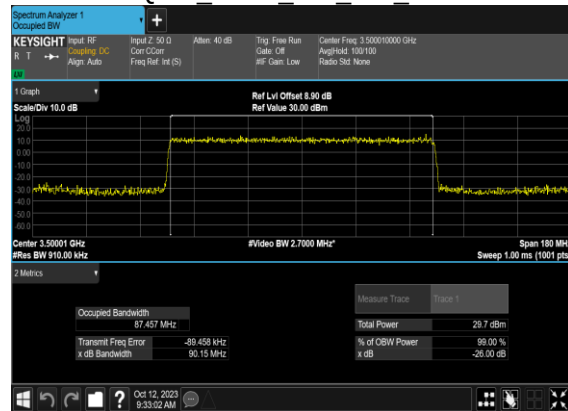
N78(80M)_CP-OFDM_256
QAM Outer Full Mid CH



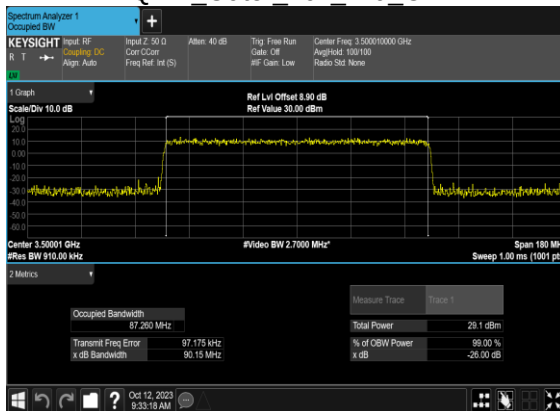
N78(90M)_CP-OFDM QPSK Outer Full Mid CH



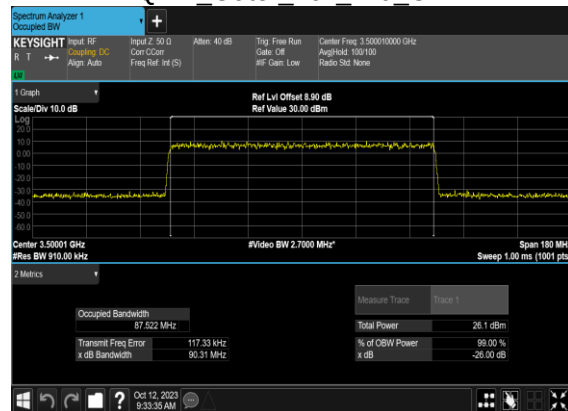
N78(90M)_CP-OFDM_16 QAM Outer Full Mid CH



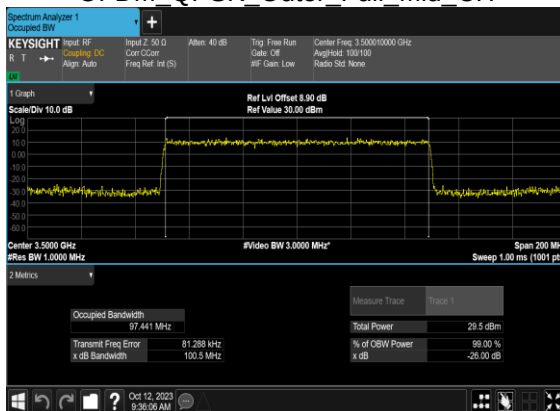
N78(90M)_CP-OFDM_64 QAM Outer Full Mid CH



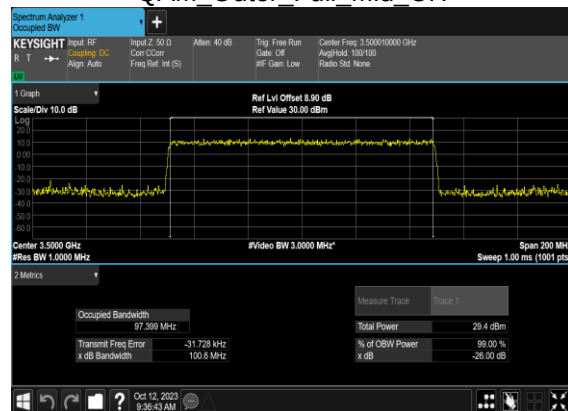
N78(90M)_CP-OFDM_256 QAM Outer Full Mid CH



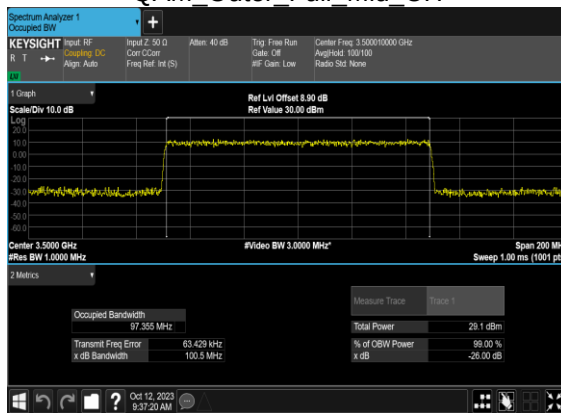
N78(100M)_CP-OFDM QPSK Outer Full Mid CH



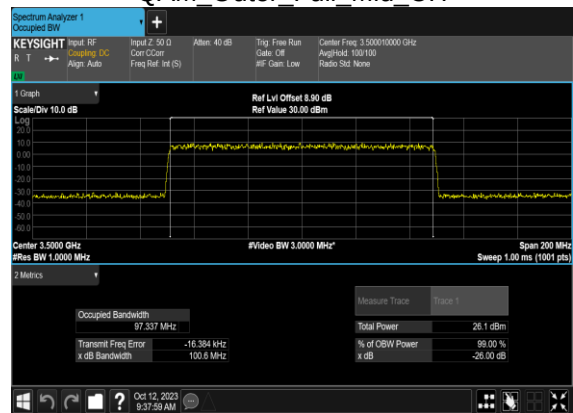
N78(100M)_CP-OFDM_16 QAM Outer Full Mid CH



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



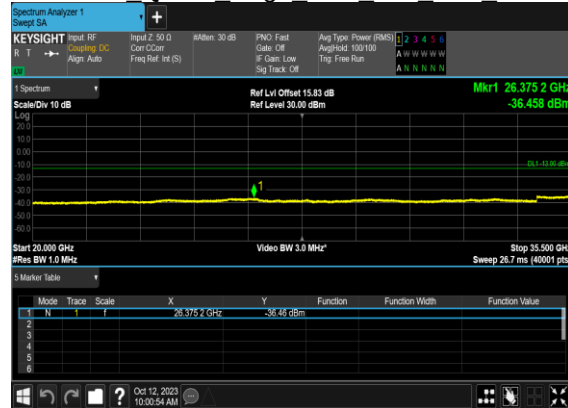
N78(60M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



N78(60M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



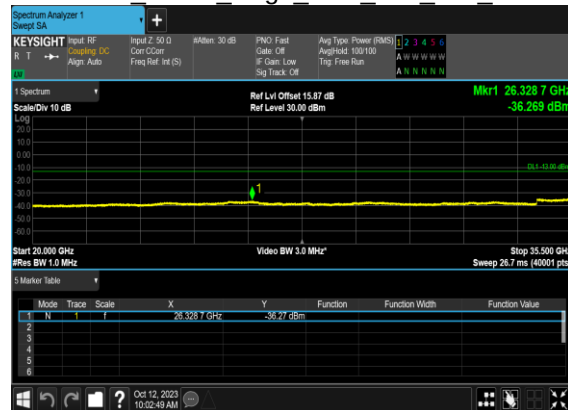
N78(60M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



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



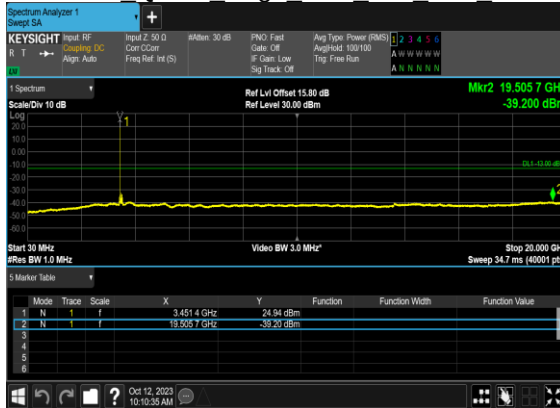
N78(80M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



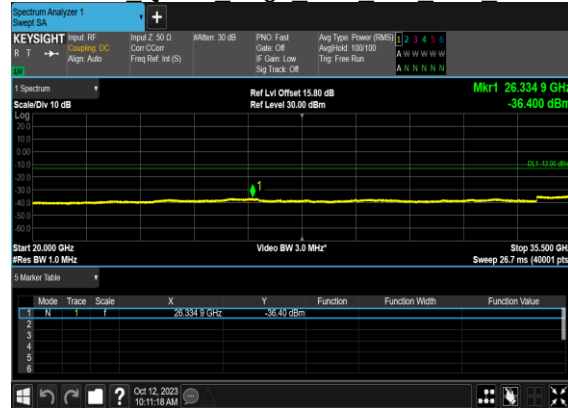
N78(80M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



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



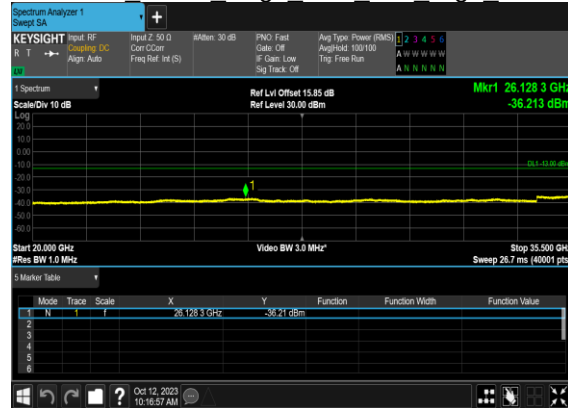
N78(80M)_DFT-s-
OFDM QPSK Edge 1RB Left Mid CH



N78(80M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



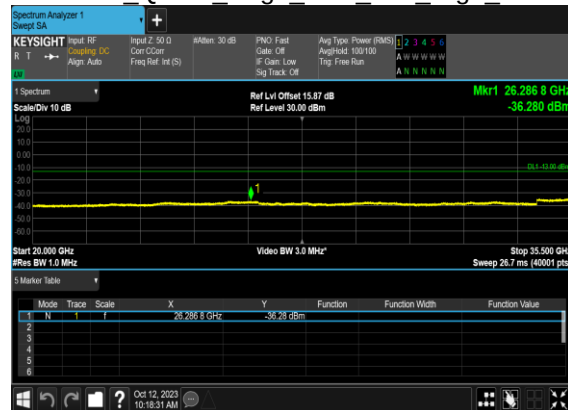
N78(80M)_DFT-s-
OFDM BPSK Edge 1RB Left High CH



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



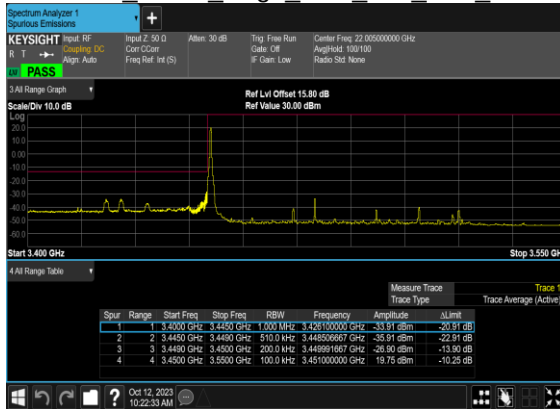
N78(100M)_DFT-s- OFDM QPSK Edge 1RB Left Mid CH



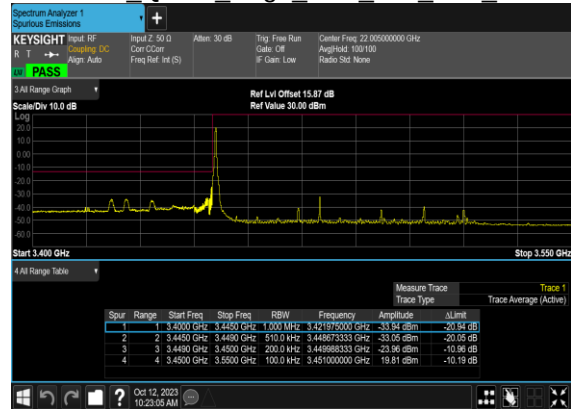
Conducted Band Edge

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

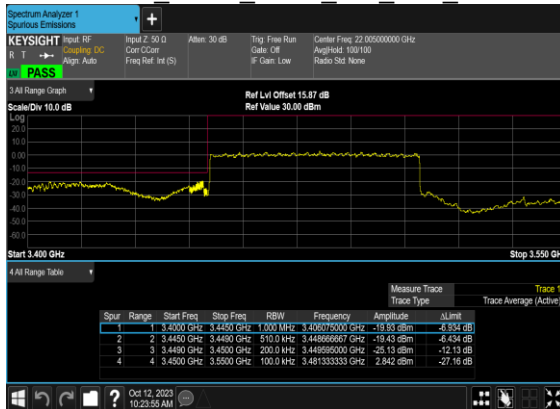
N78(60M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



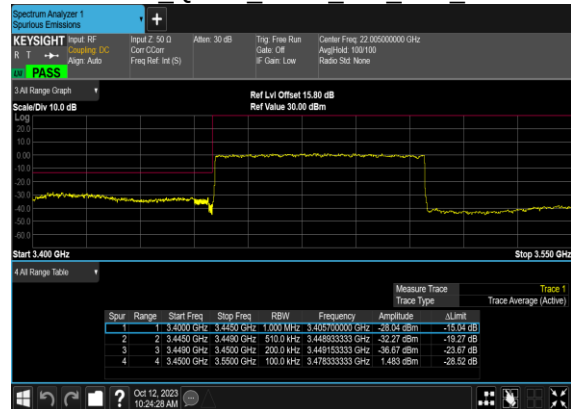
N78(60M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



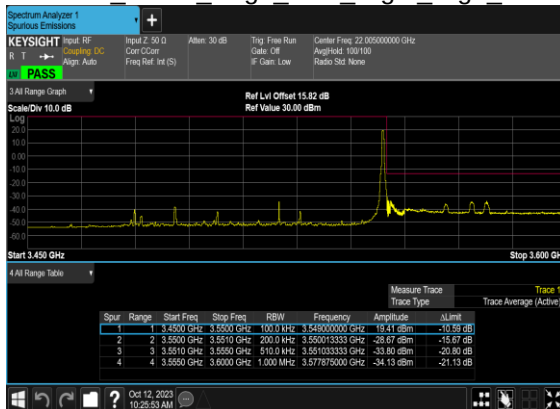
N78(60M)_DFT-s-OFDM BPSK Outer Full Low CH



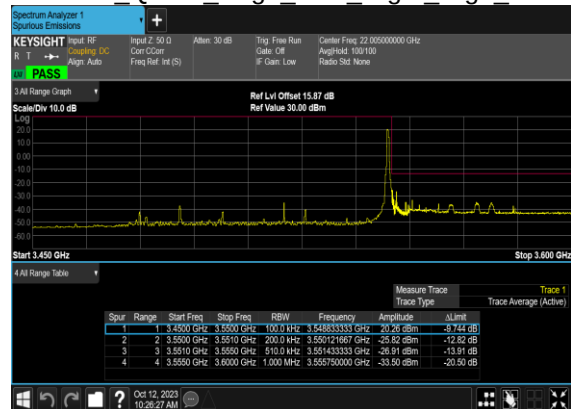
N78(60M)_DFT-s-OFDM QPSK Outer Full Low CH



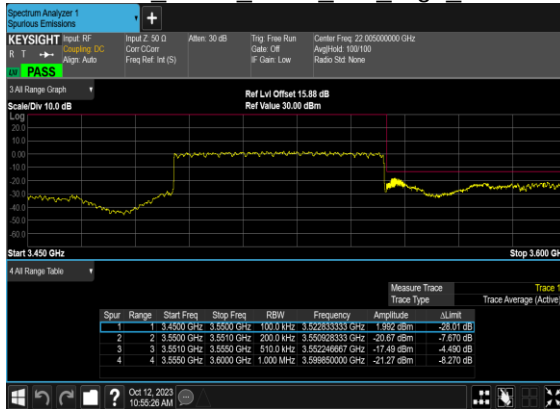
N78(60M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



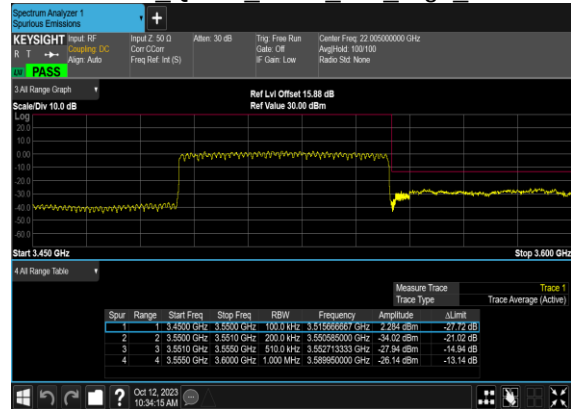
N78(60M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



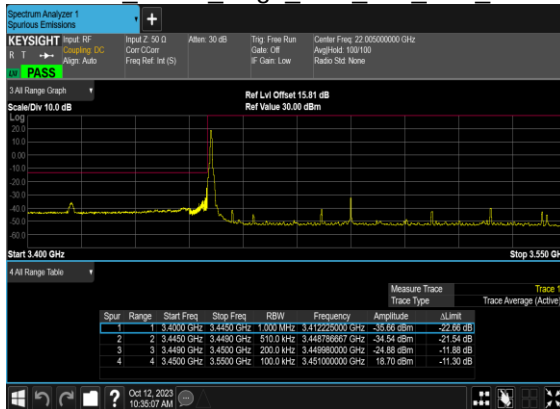
N78(60M)_DFT-s-OFDM BPSK Outer Full High CH



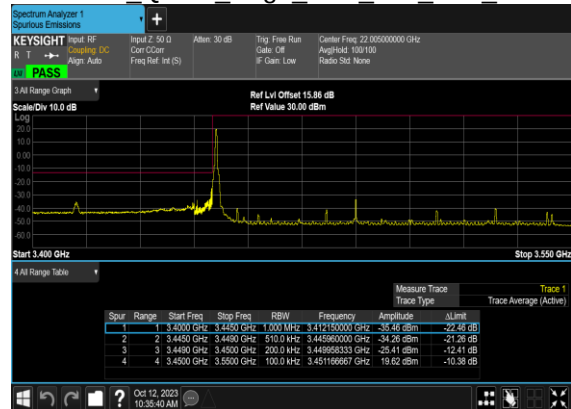
N78(60M)_DFT-s-OFDM QPSK Outer Full High CH



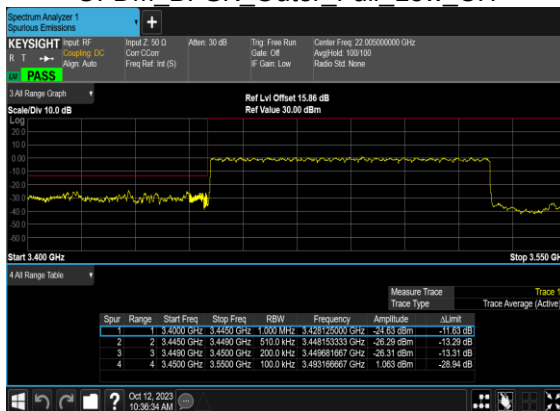
N78(80M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



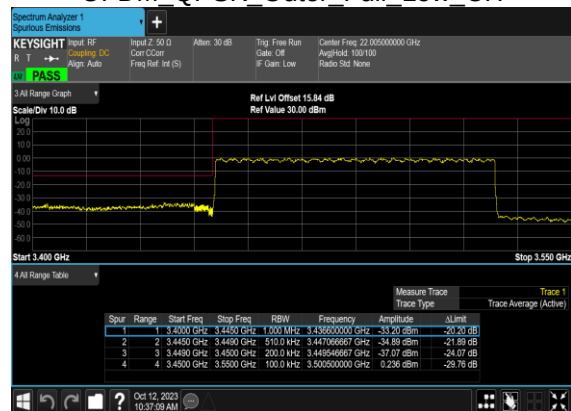
N78(80M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



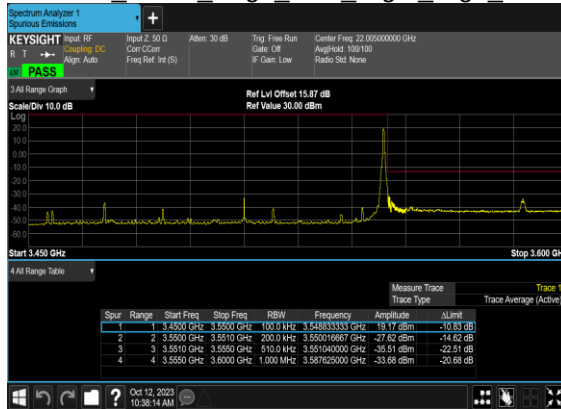
N78(80M)_DFT-s-OFDM BPSK Outer Full Low CH



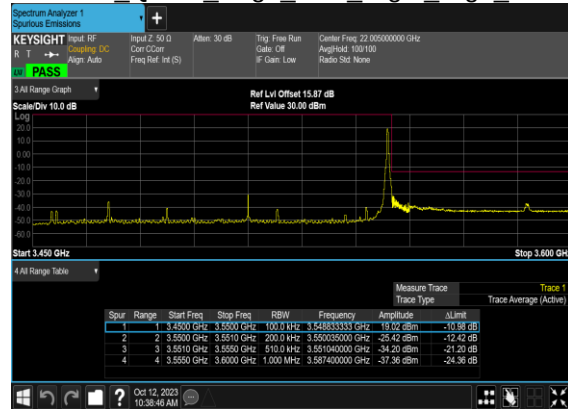
N78(80M)_DFT-s-OFDM QPSK Outer Full Low CH



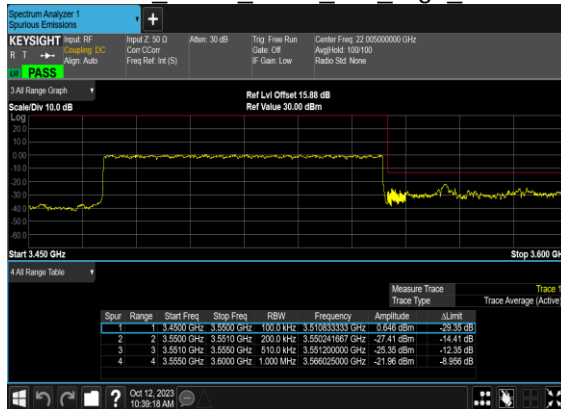
N78(80M)_DFT-s-OFDM BPSK Edge 1RB Right High CH



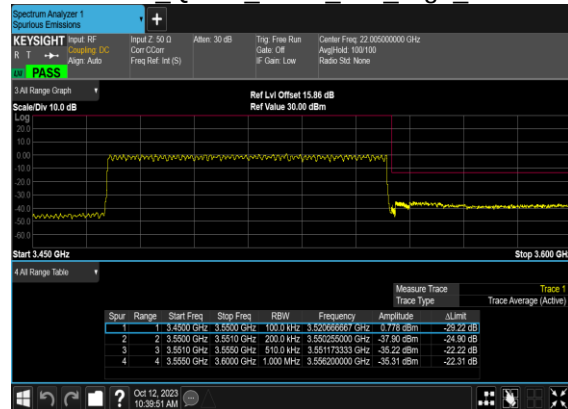
N78(80M)_DFT-s-OFDM QPSK Edge 1RB Right High CH



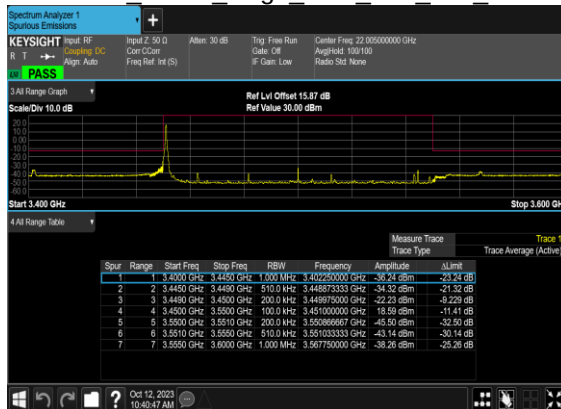
N78(80M)_DFT-s-OFDM BPSK Outer Full High CH



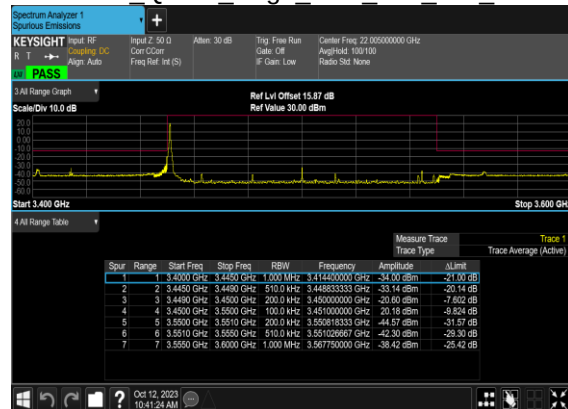
N78(80M)_DFT-s-OFDM QPSK Outer Full High CH



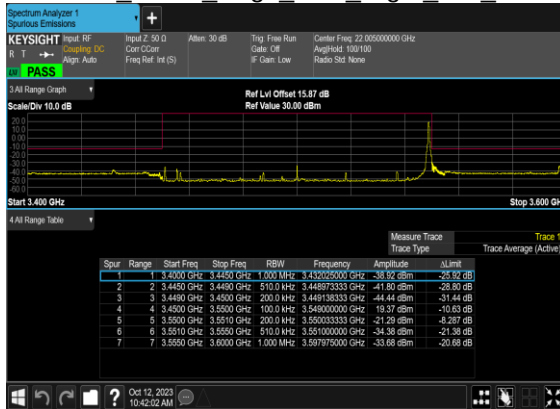
N78(100M)_DFT-s-OFDM BPSK Edge 1RB Left Mid CH



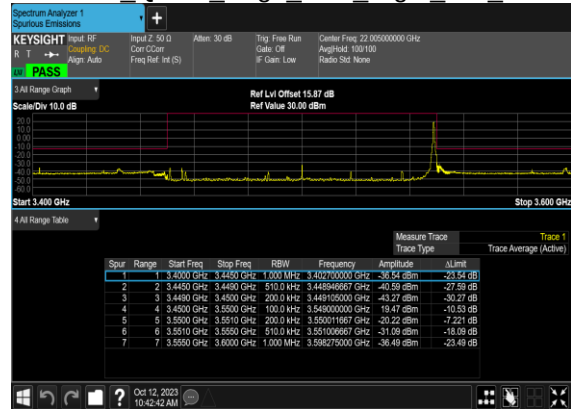
N78(100M)_DFT-s-OFDM QPSK Edge 1RB Left Mid CH



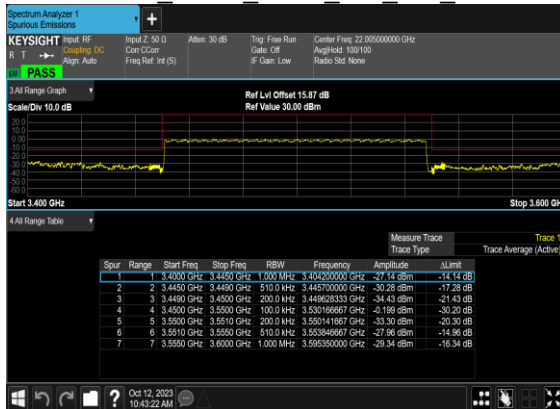
N78(100M)_DFT-s-OFDM BPSK Edge 1RB Right Mid CH



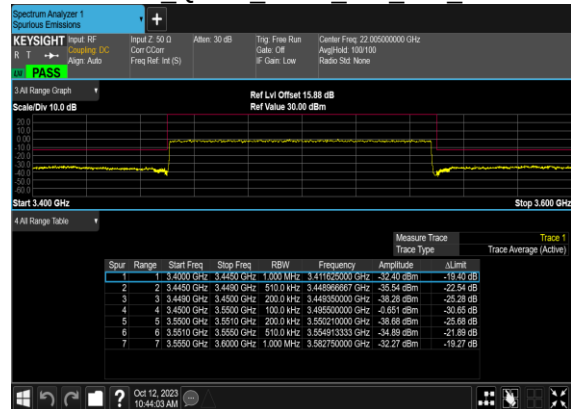
N78(100M)_DFT-s-OFDM QPSK Edge 1RB Right Mid CH



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.