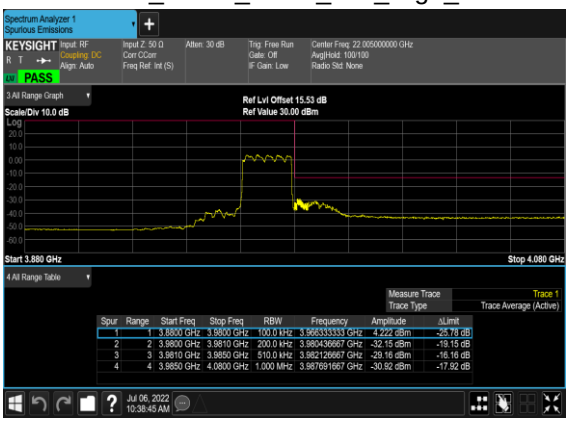
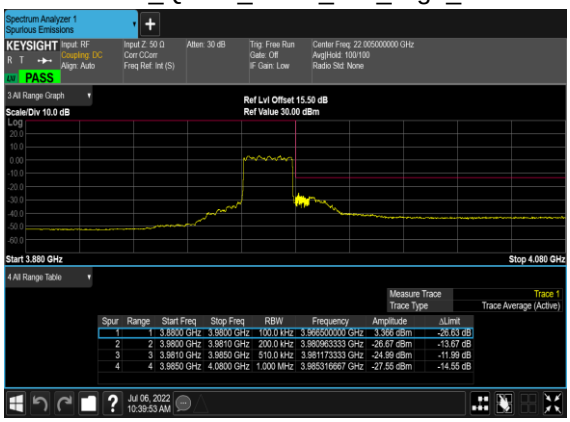
N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



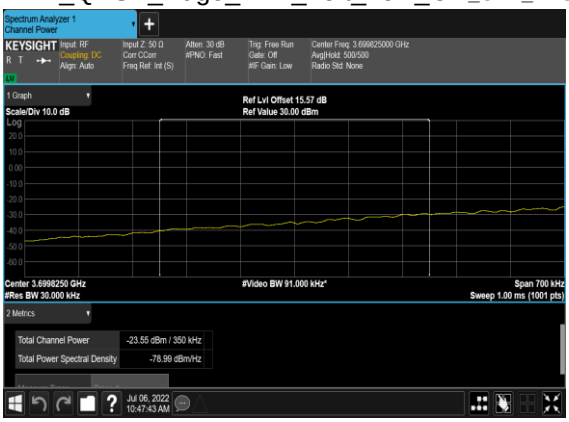
N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



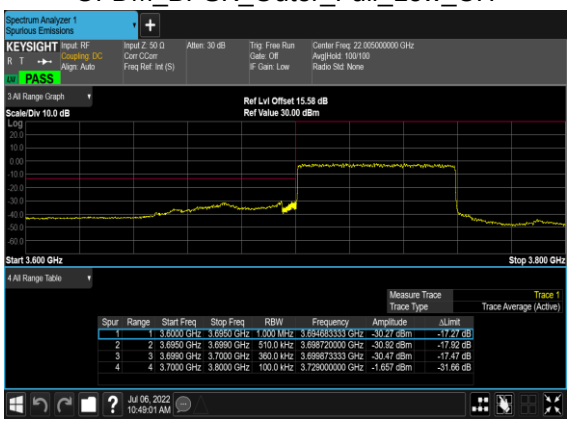
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

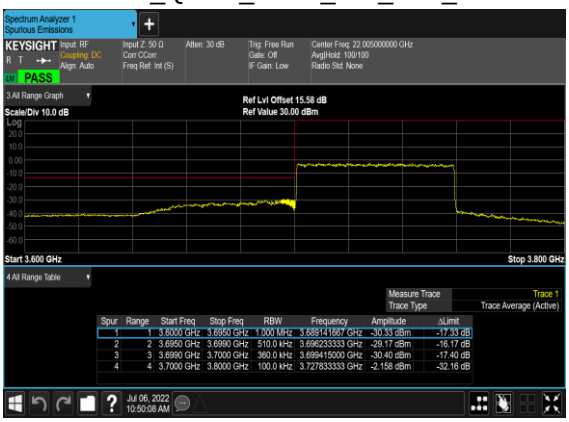
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



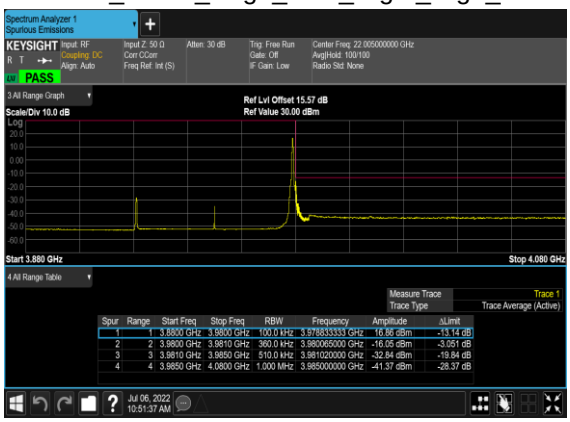
N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



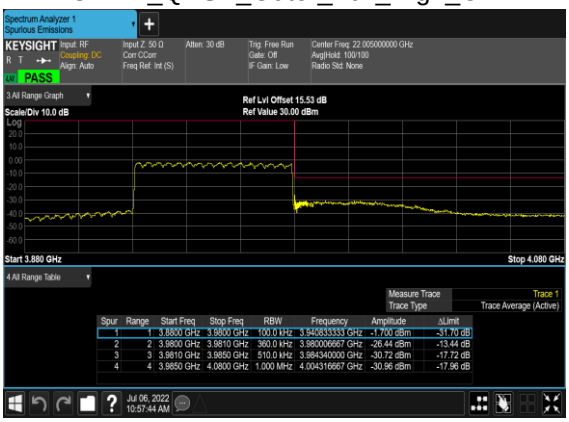
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



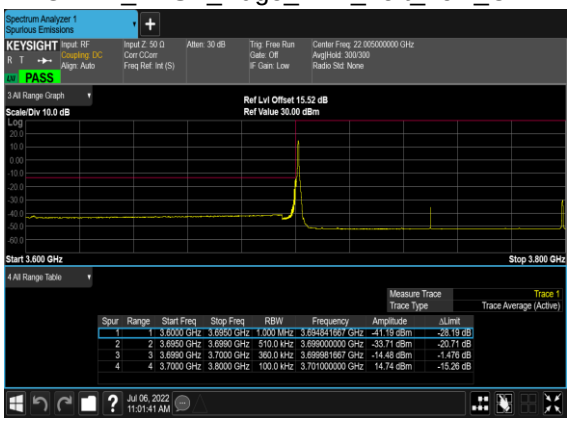
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

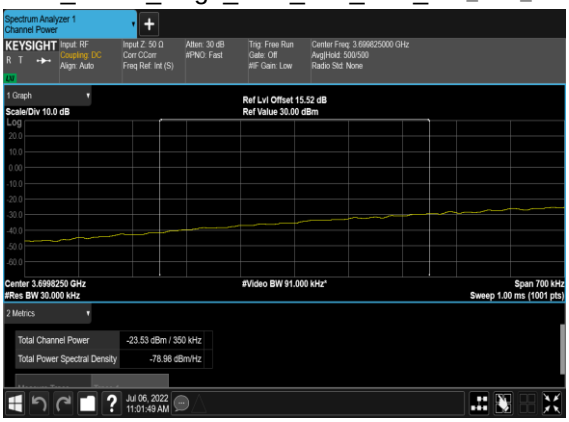
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



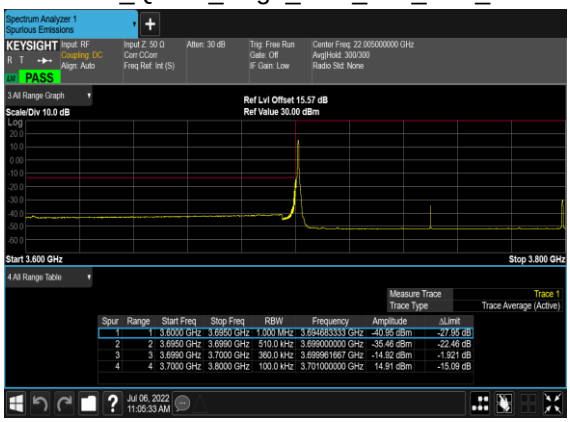
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



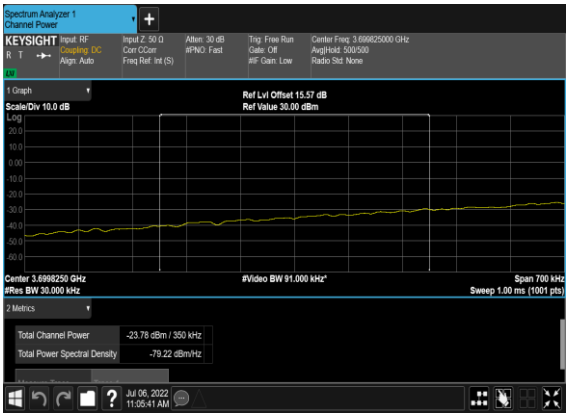
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



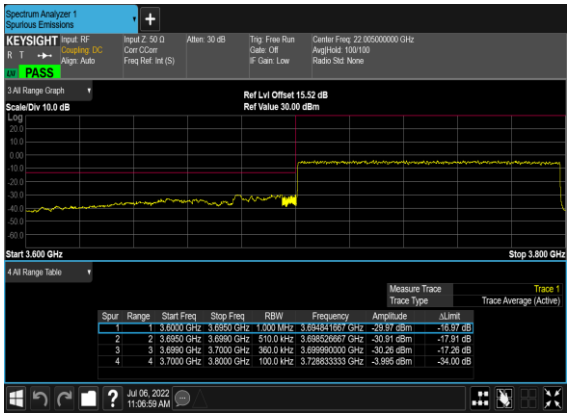
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



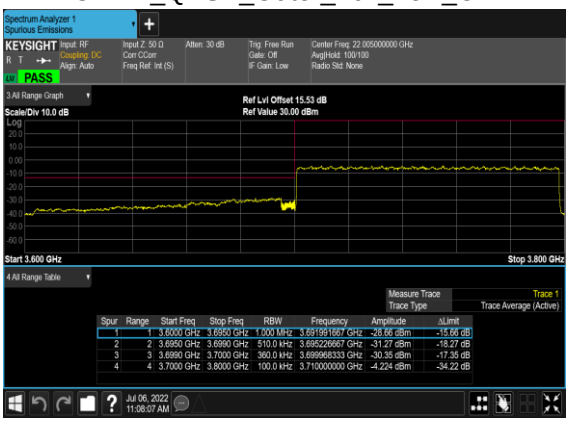
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



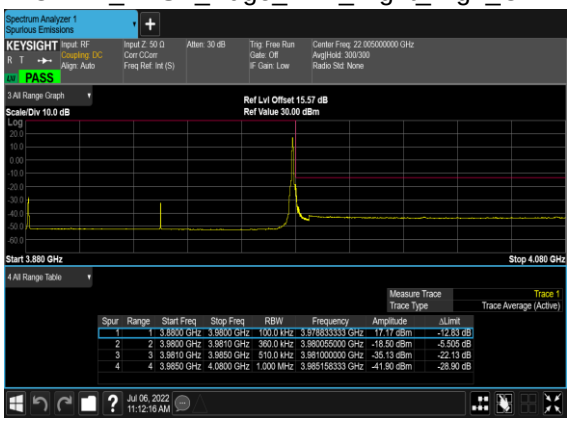
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



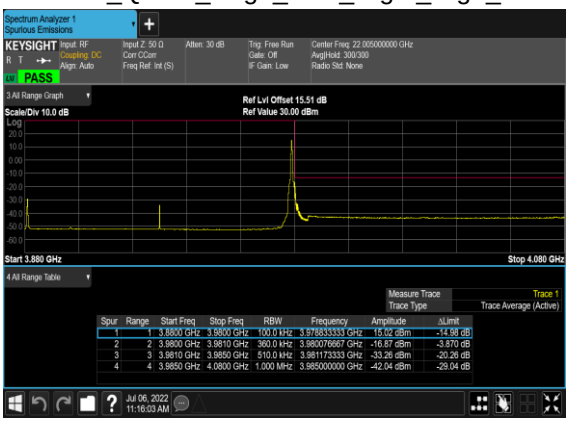
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



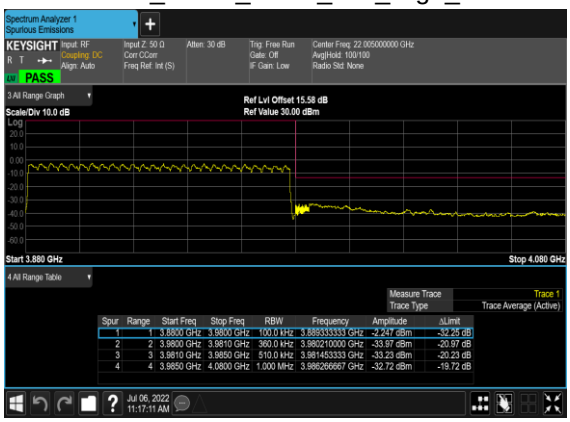
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



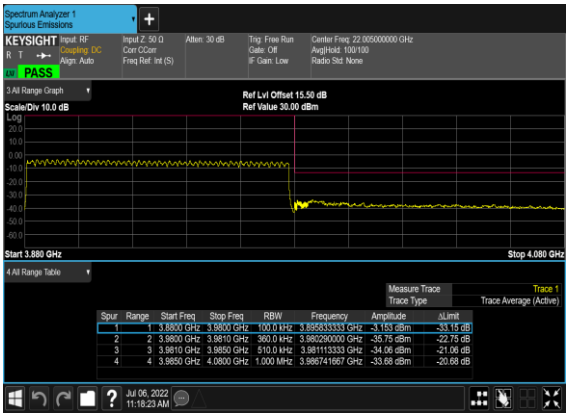
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.02.041801

FR1 N78-Ant 3

Transmitter Conducted Output Power And EIRP, (G_T - L_C)= -0.1dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	25.7	25.6	0.3631
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	24.97	24.87	0.3069
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	26.01	25.91	0.3899
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.07	24.97	0.3141
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	26.02	25.92	0.3908
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	25.21	25.11	0.3243
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	25.85	25.75	0.3758
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	25.04	24.94	0.3119
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	26.01	25.91	0.3899
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.15	25.05	0.3199
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	26.01	25.91	0.3899
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	25.32	25.22	0.3327
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	25.9	25.8	0.3802
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	25.07	24.97	0.3141
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	26	25.9	0.3890
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	25.28	25.18	0.3296
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	26.02	25.92	0.3908
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	25.43	25.33	0.3412
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	25.49	25.39	0.3459
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	24.69	24.59	0.2877

78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	25.54	25.44	0.3499
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.8	24.7	0.2951
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	25.76	25.66	0.3681
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	24.96	24.86	0.3062
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	25.43	25.33	0.3412
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	24.61	24.51	0.2825
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.38	25.28	0.3373
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.59	24.49	0.2812
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	25.62	25.52	0.3565
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	24.81	24.71	0.2958
78	30	70	649000	3735	DFT-s-OFDM QPSK	1@1	25.55	25.45	0.3508
78	30	70	649000	3735	DFT-s-OFDM 16 QAM	1@1	24.46	24.36	0.2729
78	30	70	650000	3750	DFT-s-OFDM QPSK	1@1	25.46	25.36	0.3436
78	30	70	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.64	24.54	0.2844
78	30	70	651000	3765	DFT-s-OFDM QPSK	1@1	25.5	25.4	0.3467
78	30	70	651000	3765	DFT-s-OFDM 16 QAM	1@1	24.7	24.6	0.2884
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	25.35	25.25	0.3350
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	24.49	24.39	0.2748
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.4	25.3	0.3388
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.56	24.46	0.2793
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.43	25.33	0.3412
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.66	24.56	0.2858
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.43	25.33	0.3412
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.48	24.38	0.2742

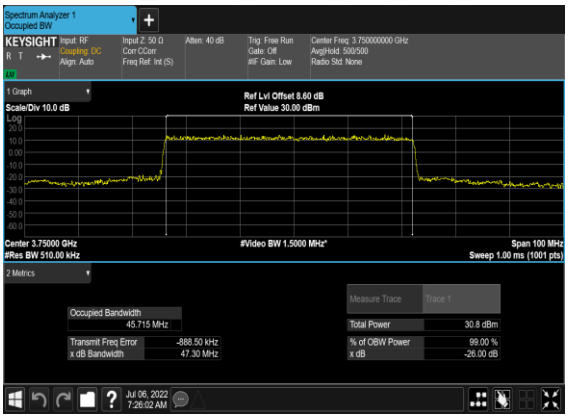
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.37	25.27	0.3365
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.58	24.48	0.2805
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.29	25.19	0.3304
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.56	24.46	0.2793
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.74	25.64	0.3664
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.47	25.37	0.3443
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.77	25.67	0.3690
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	26.23	26.13	0.4102
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.45	25.35	0.3428
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.82	25.72	0.3733
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.75	24.65	0.2917
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.66	24.56	0.2858
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	25	24.9	0.3090
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	23.25	23.15	0.2065
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.93	22.83	0.1919
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	23.31	23.21	0.2094
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	21.21	21.11	0.1291
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.68	20.58	0.1143
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	21.17	21.07	0.1279
78	30	100	650000	3750	CP-OFDM QPSK	137@68	24.2	24.1	0.2570
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.93	23.83	0.2415
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.26	24.16	0.2606

Occupied Bandwidth

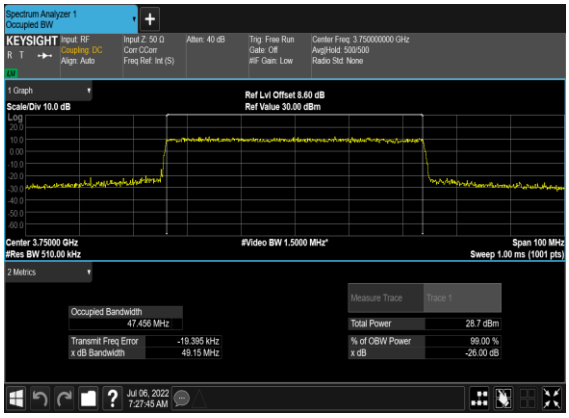
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
78	30	50	650000	3750.0	DFT-s-OFDM PI/2 BPSK	128@0	45.689	47.41
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	128@0	45.715	47.3
78	30	50	650000	3750.0	CP-OFDM QPSK	133@0	47.456	49.15
78	30	50	650000	3750.0	CP-OFDM 16 QAM	133@0	47.53	49.3
78	30	50	650000	3750.0	CP-OFDM 64 QAM	133@0	47.51	49.15
78	30	50	650000	3750.0	CP-OFDM 256 QAM	133@0	47.474	49.13
78	30	70	650000	3750.0	DFT-s-OFDM PI/2 BPSK	180@0	64.346	66.34
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	180@0	64.443	66.45
78	30	70	650000	3750.0	CP-OFDM QPSK	189@0	67.511	69.79
78	30	70	650000	3750.0	CP-OFDM 16 QAM	189@0	67.491	69.82
78	30	70	650000	3750.0	CP-OFDM 64 QAM	189@0	67.638	69.61
78	30	70	650000	3750.0	CP-OFDM 256 QAM	189@0	67.614	69.71
78	30	90	650000	3750.0	DFT-s-OFDM PI/2 BPSK	240@0	85.748	88.55
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	240@0	85.708	88.41
78	30	90	650000	3750.0	CP-OFDM QPSK	245@0	87.496	90.46
78	30	90	650000	3750.0	CP-OFDM 16 QAM	245@0	87.351	90.39
78	30	90	650000	3750.0	CP-OFDM 64 QAM	245@0	87.518	90.43
78	30	90	650000	3750.0	CP-OFDM 256 QAM	245@0	87.636	90.41

N78(50M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

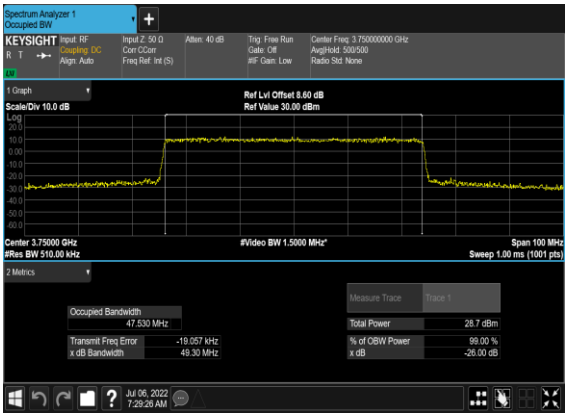
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



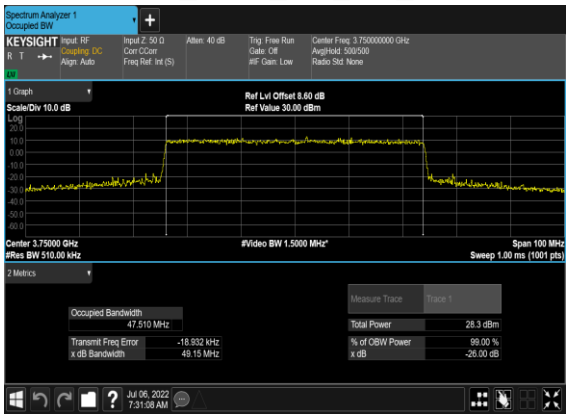
N78(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



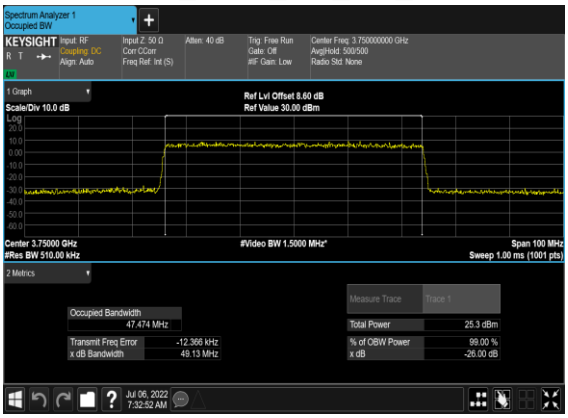
N78(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



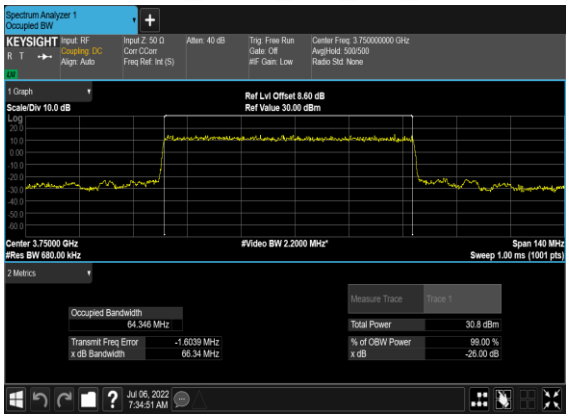
N78(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



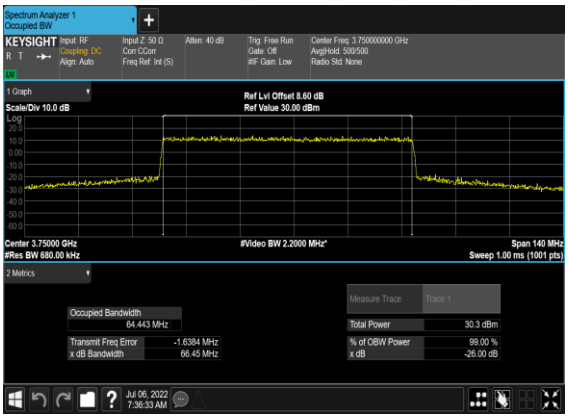
N78(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



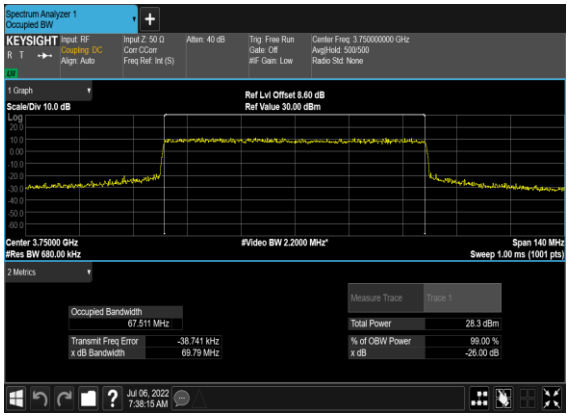
N78(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



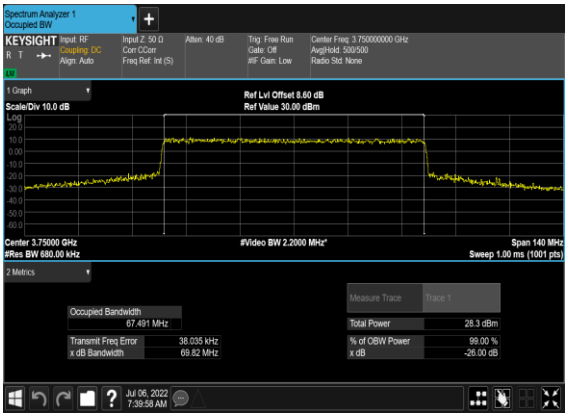
N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



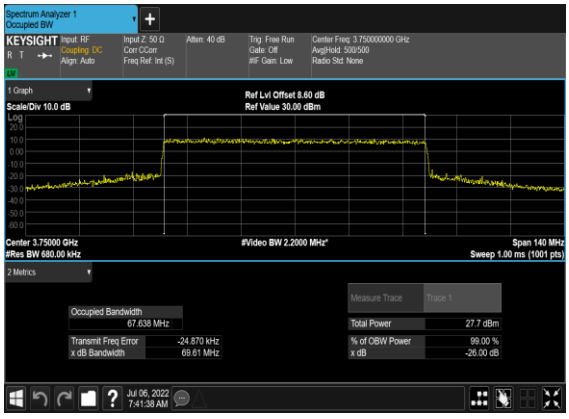
N78(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



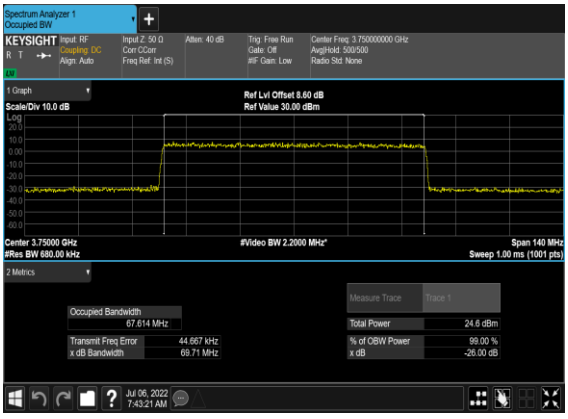
N78(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



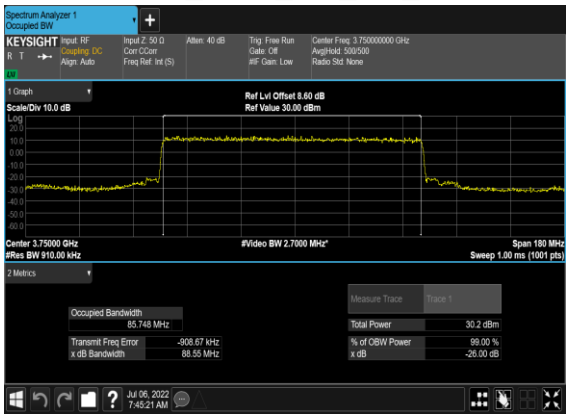
N78(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



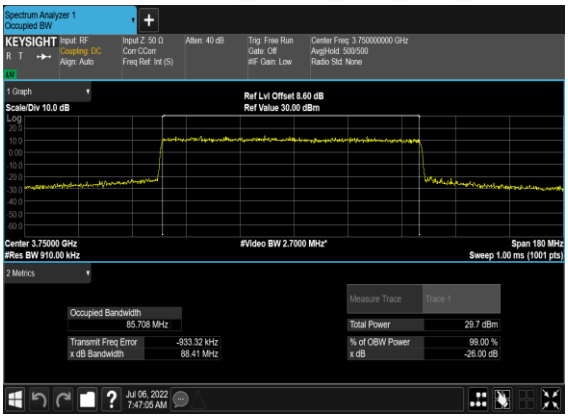
N78(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



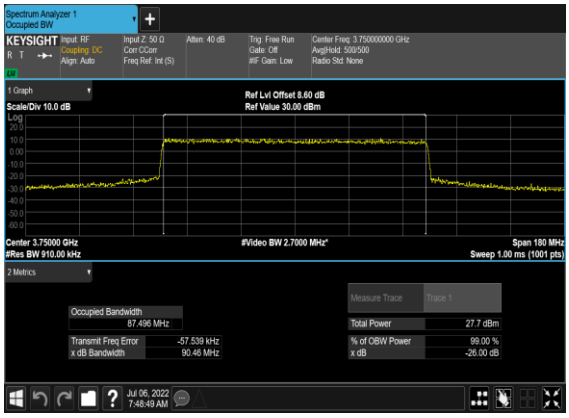
N78(90M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



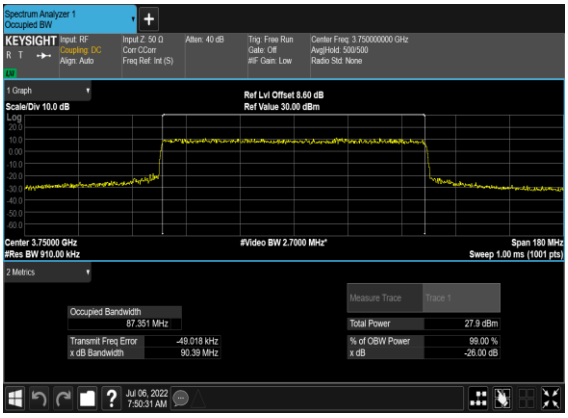
N78(90M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

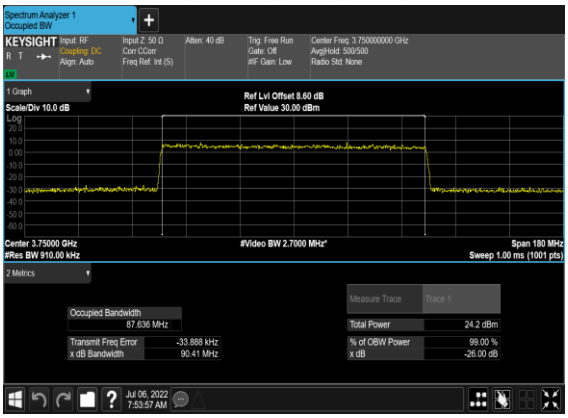


N78(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N78(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N78(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



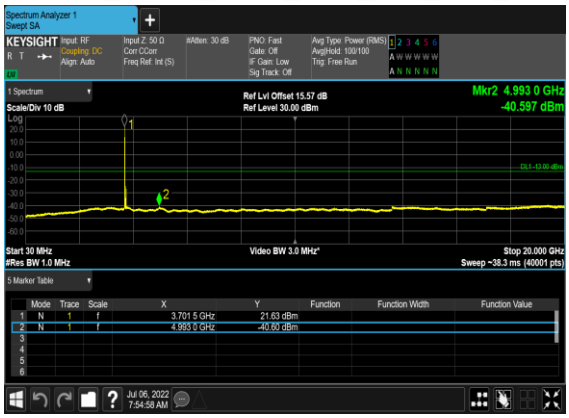
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	**---**

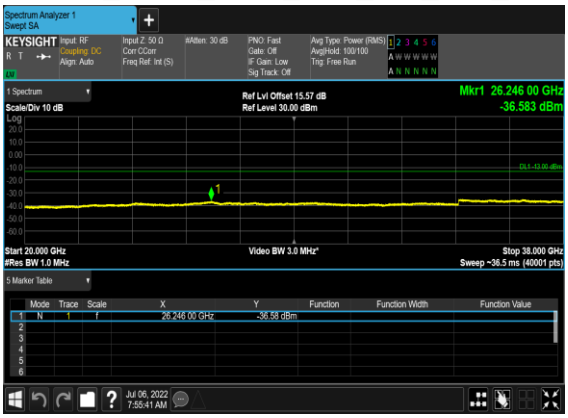
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**---**

78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

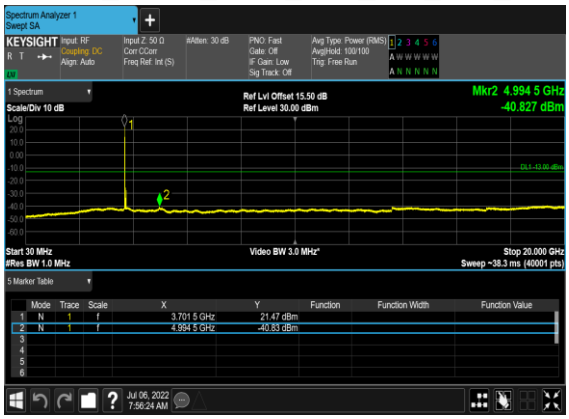
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



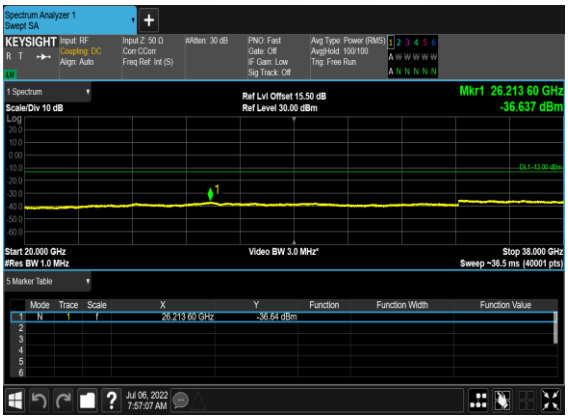
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



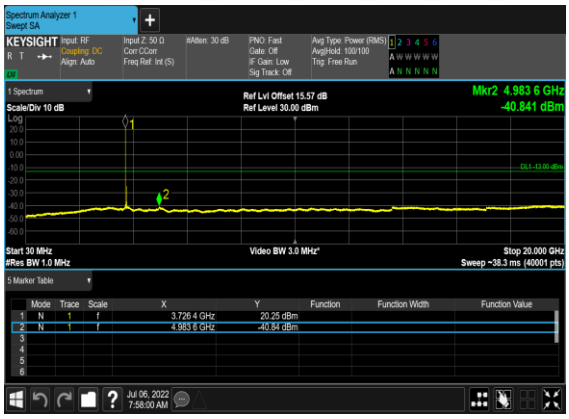
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



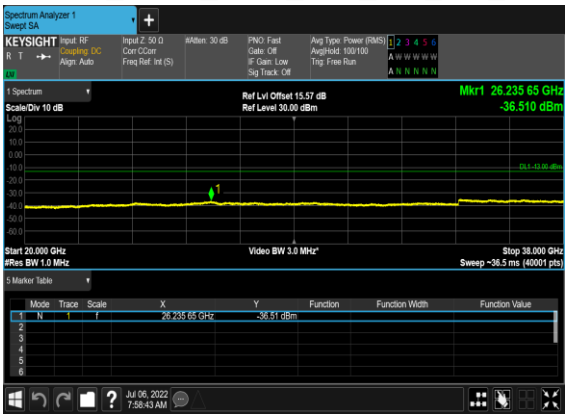
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



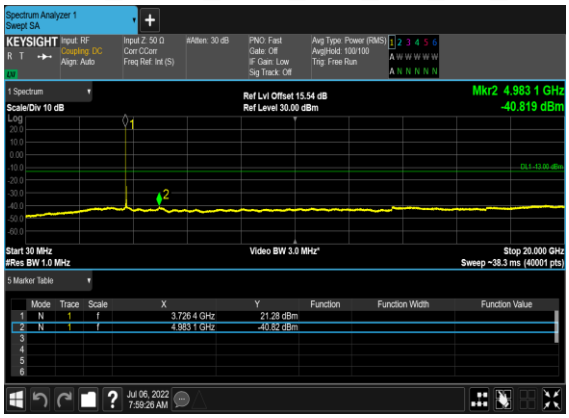
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



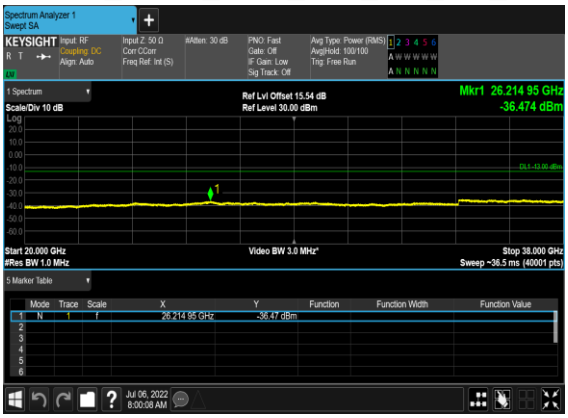
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



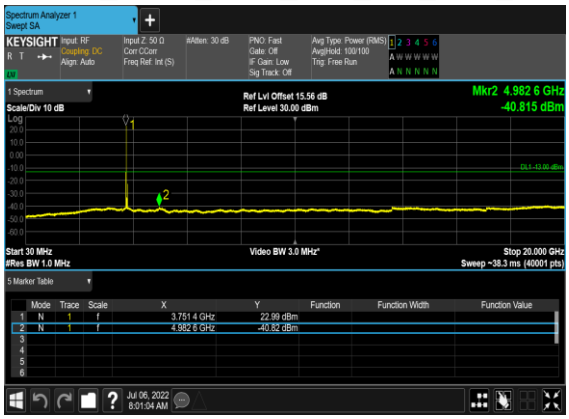
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



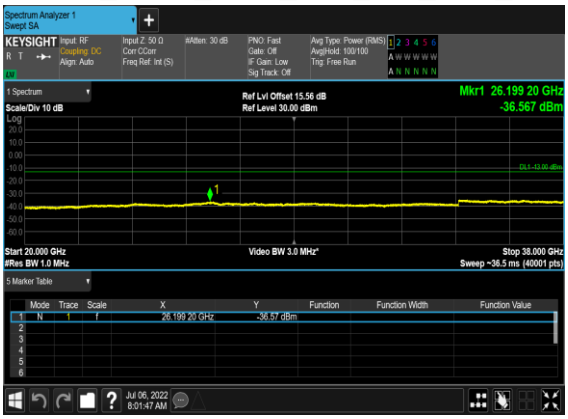
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



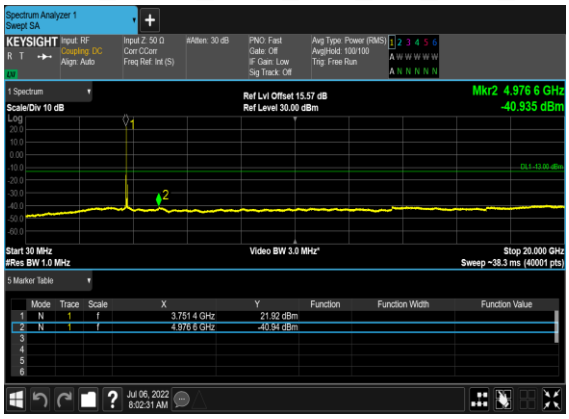
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



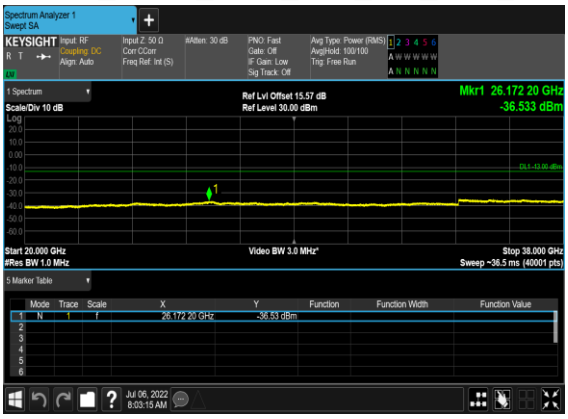
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



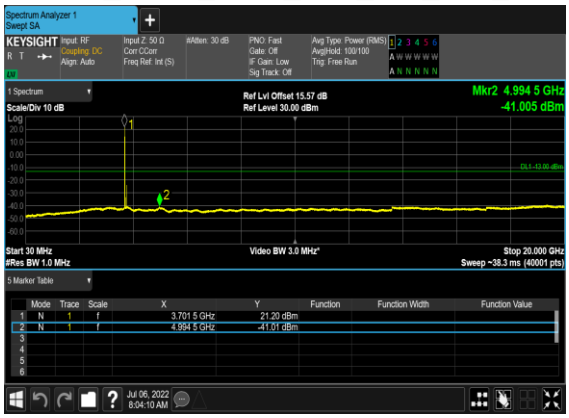
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



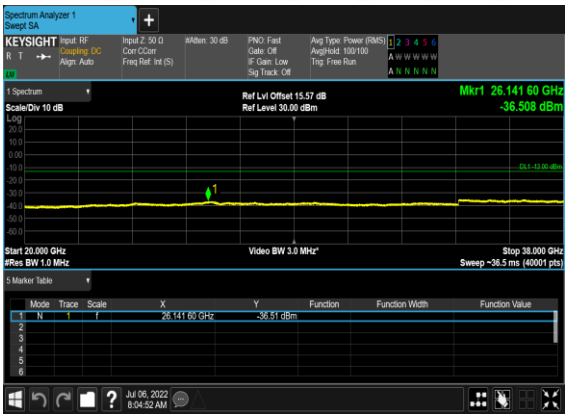
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



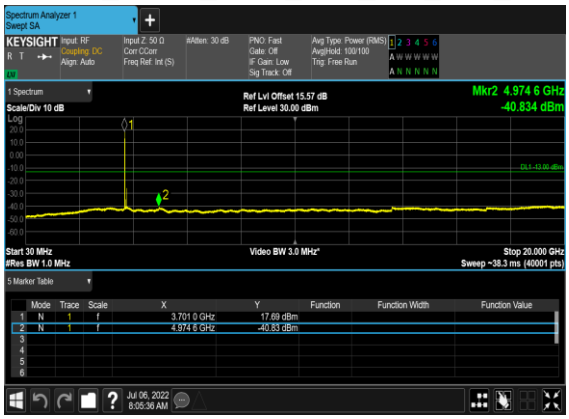
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



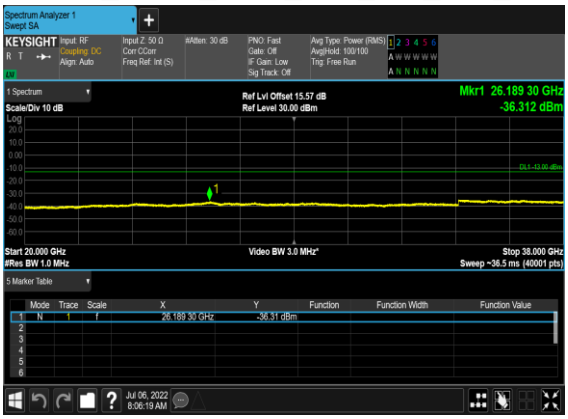
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



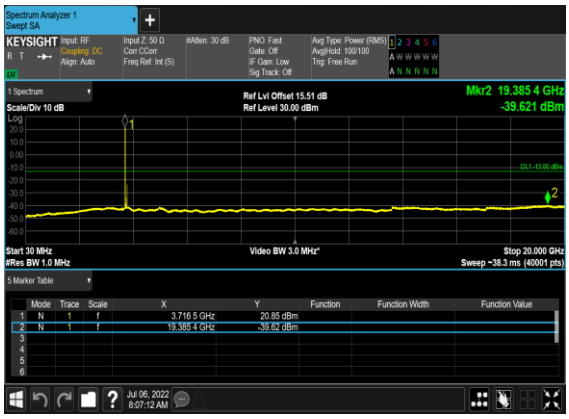
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



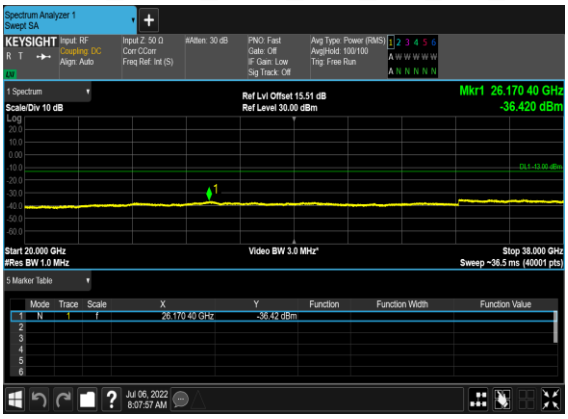
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



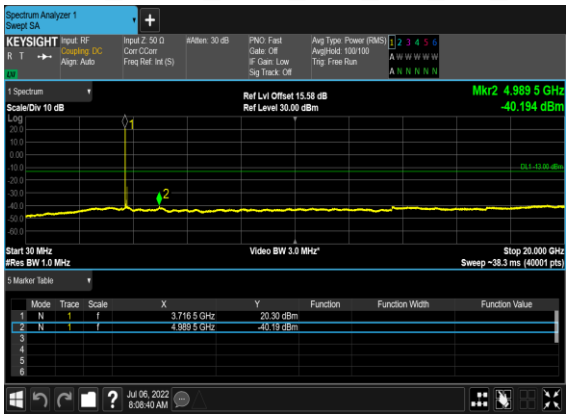
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



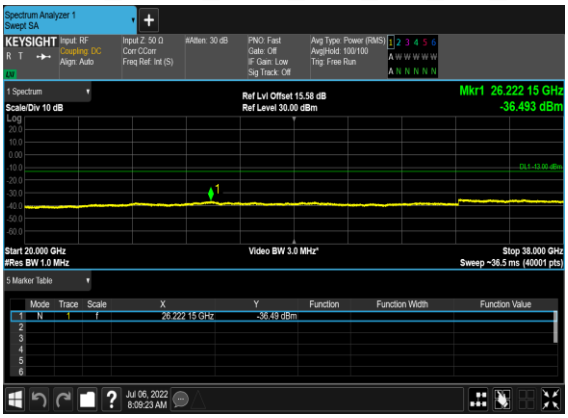
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



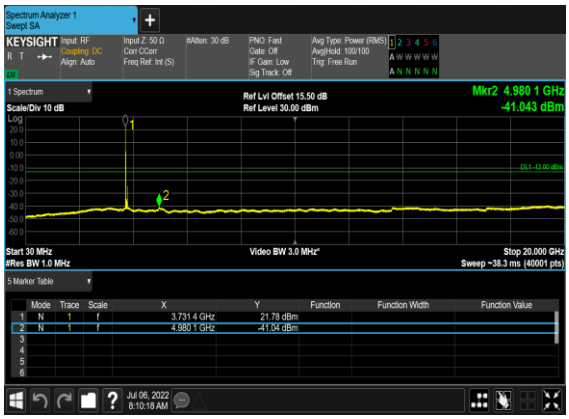
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



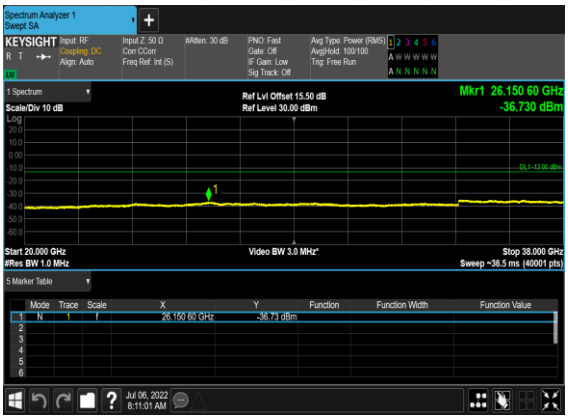
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



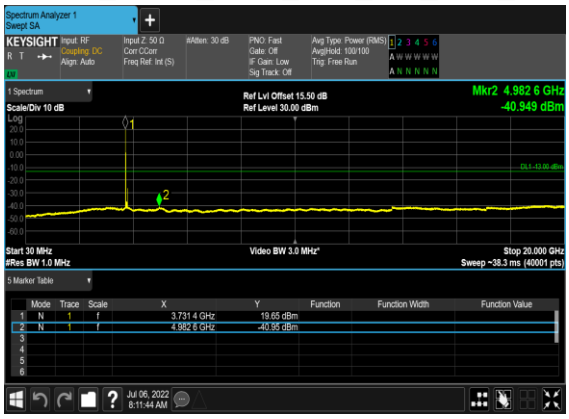
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



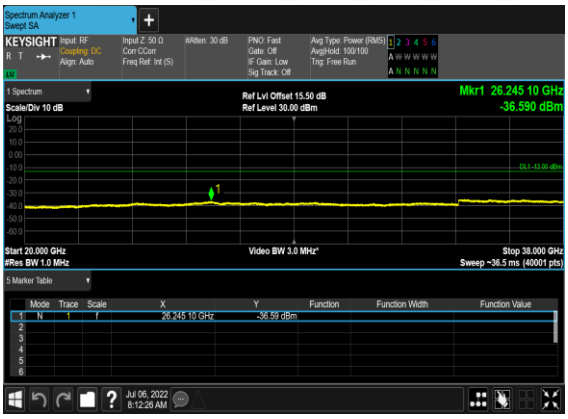
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



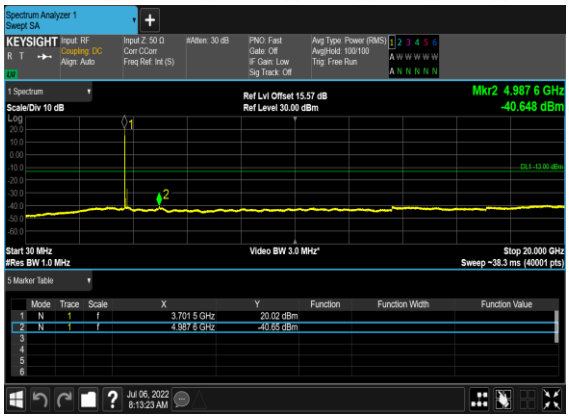
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



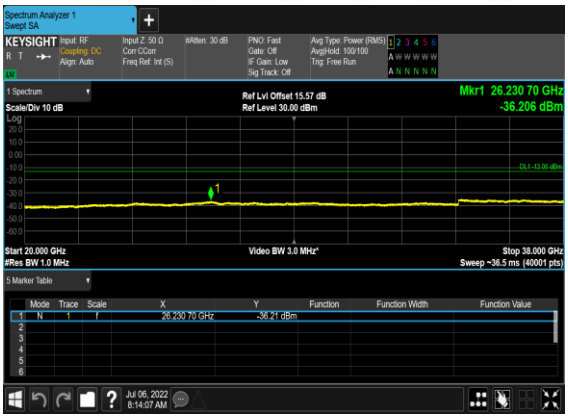
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



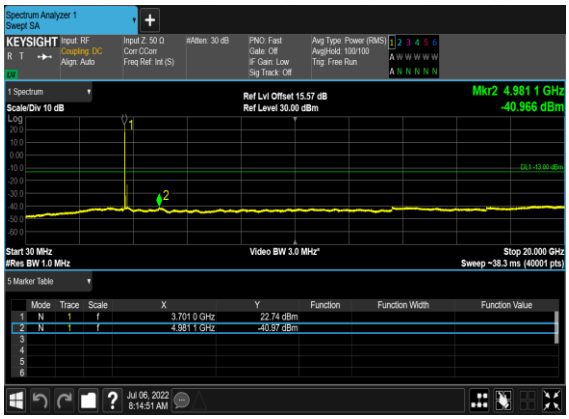
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



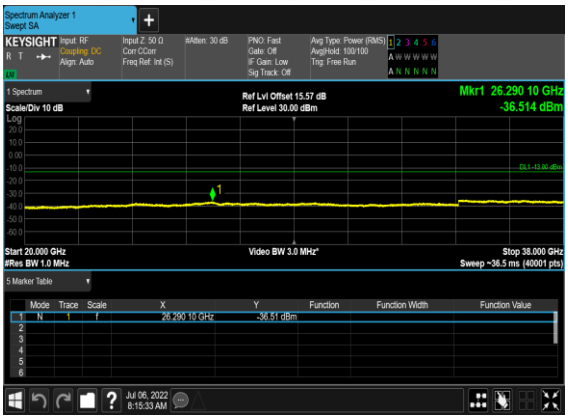
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



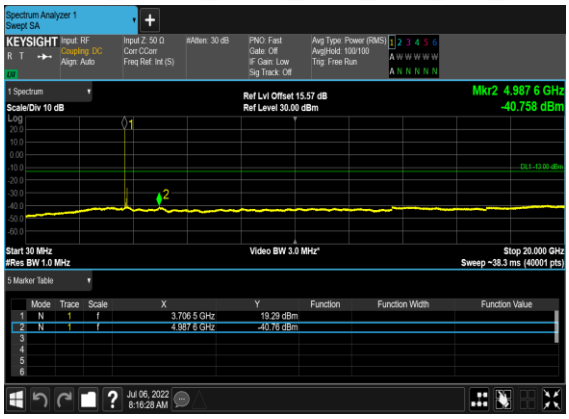
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



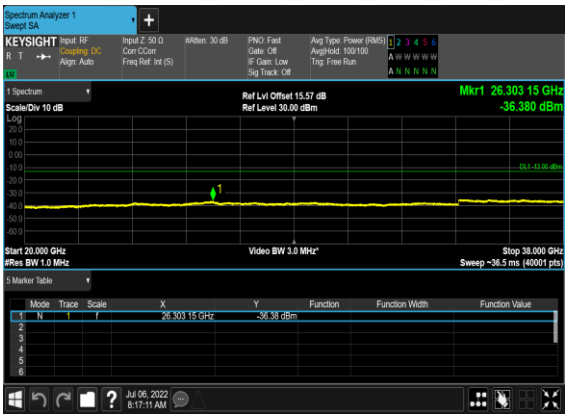
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



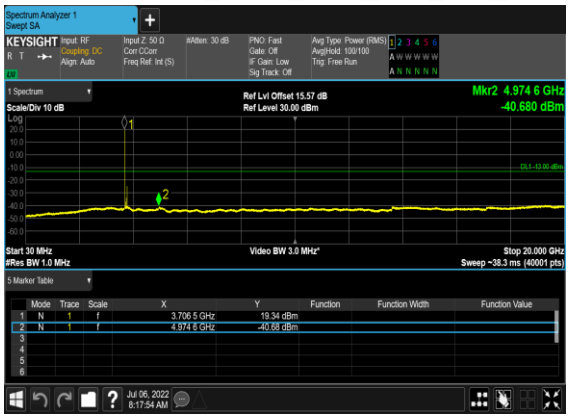
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



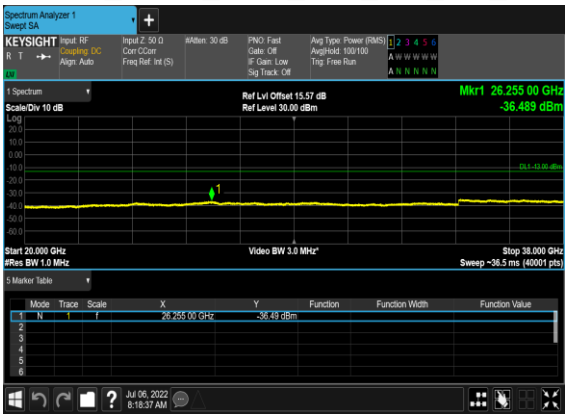
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



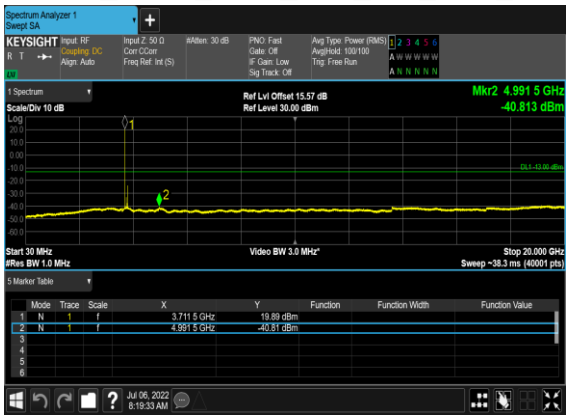
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



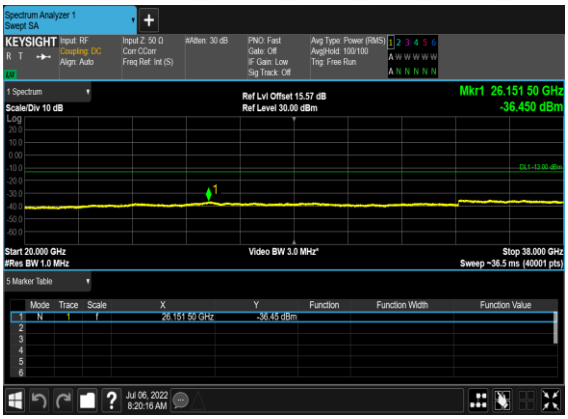
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



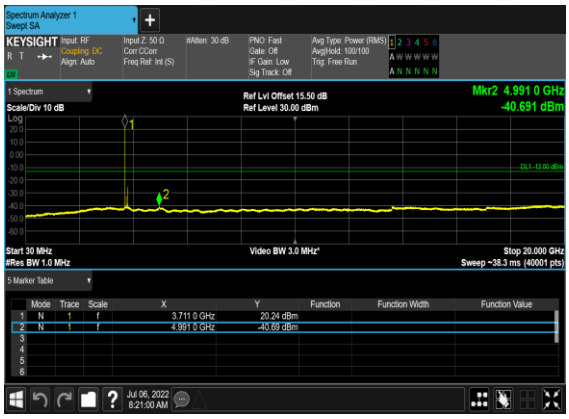
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



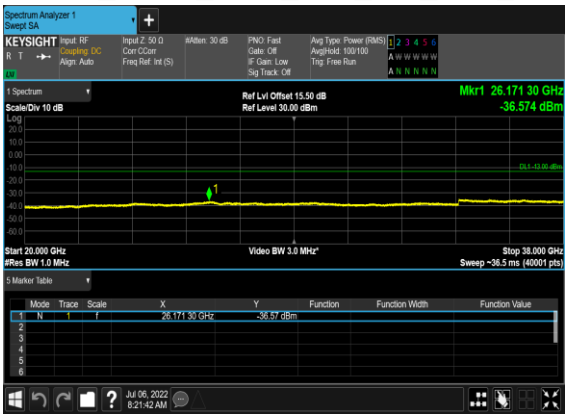
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

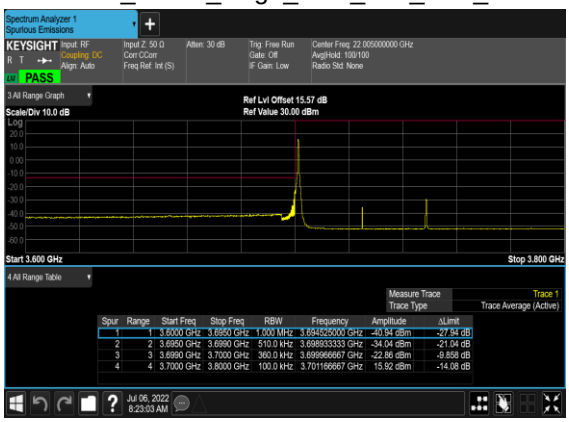


Conducted Band Edge

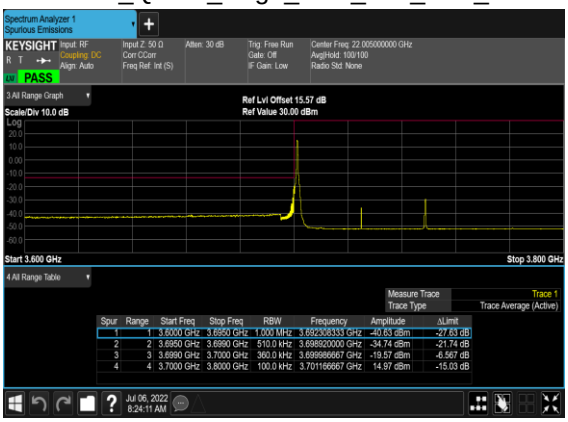
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM BPSK	180@0	see graph	**PASS**
78	30	70	649000	3735.0	DFT-s-OFDM QPSK	180@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	1@188	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	1@188	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM BPSK	180@0	see graph	**PASS**
78	30	70	651000	3765.0	DFT-s-OFDM QPSK	180@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	240@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM BPSK	1@244	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@244	see graph	**PASS**

78	30	90	650332	3754.98	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
78	30	90	650332	3754.98	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

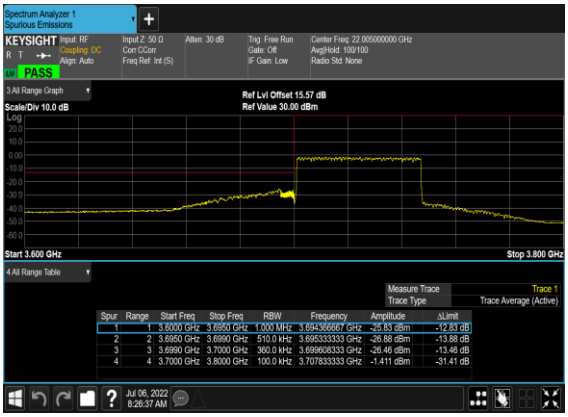


N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

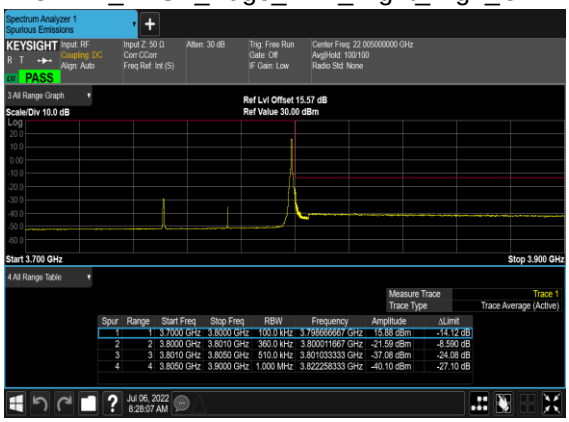


N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

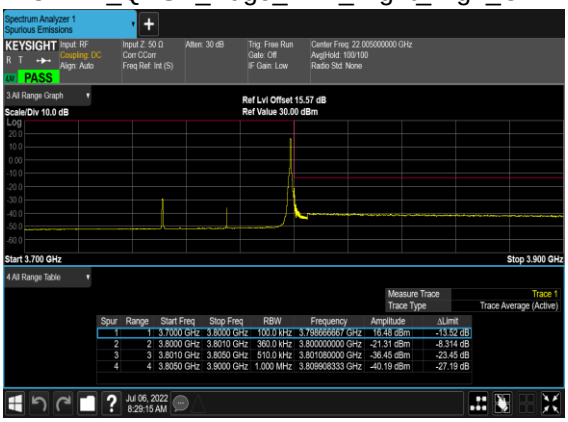
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



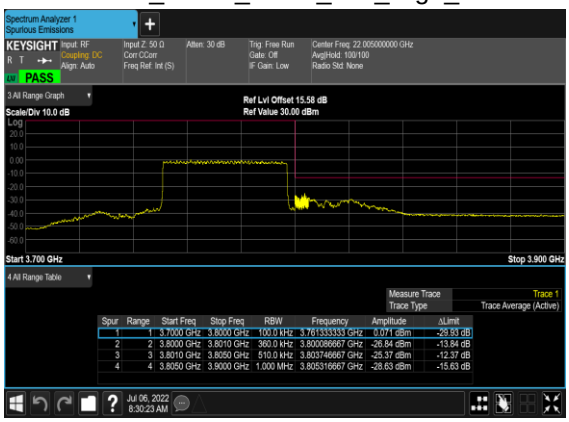
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



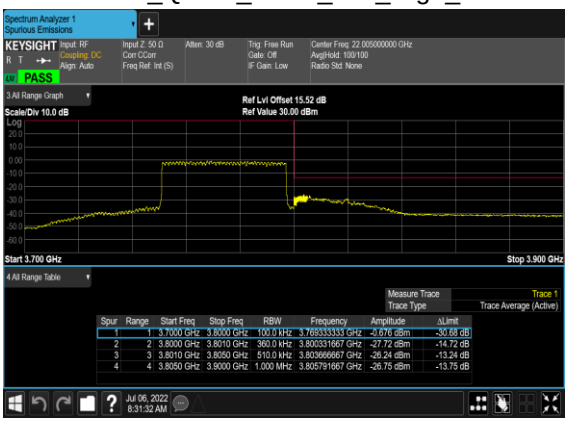
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



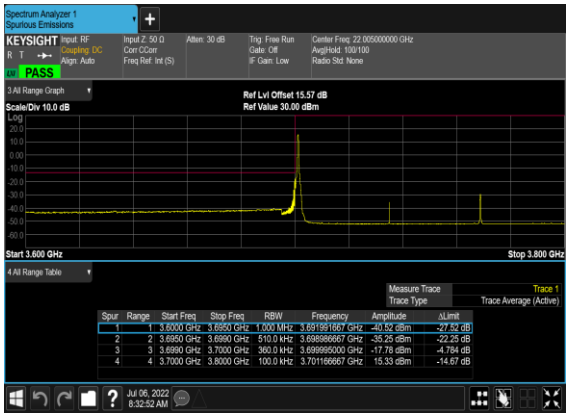
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



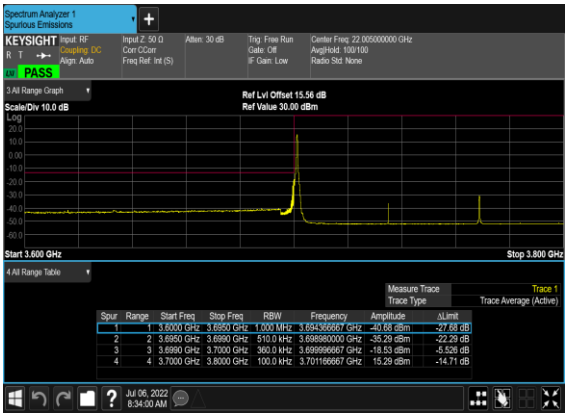
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



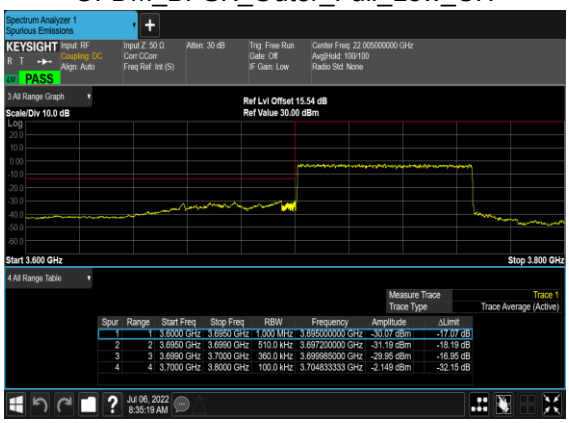
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



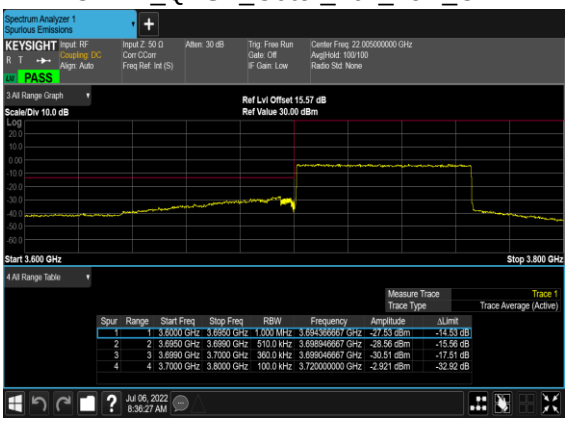
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



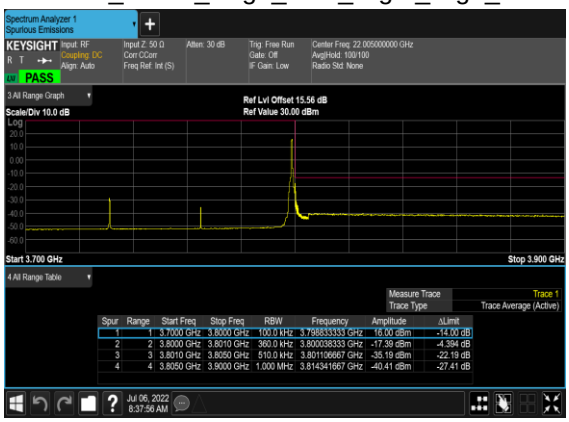
N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



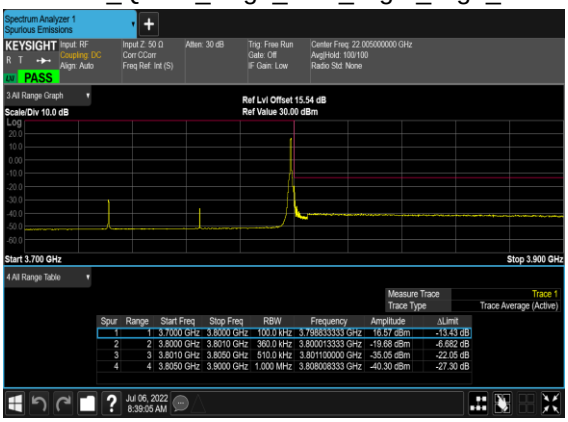
N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



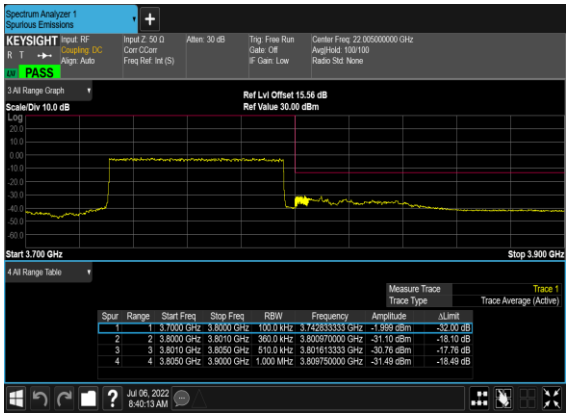
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



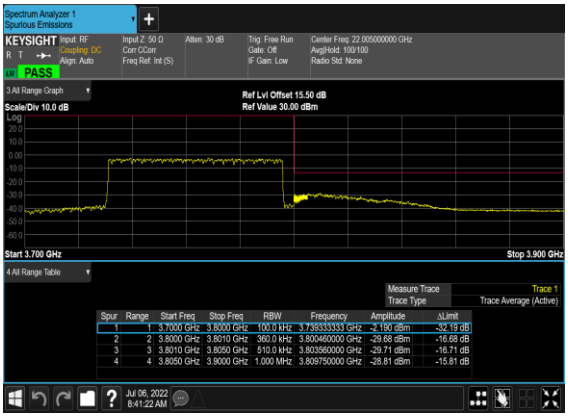
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



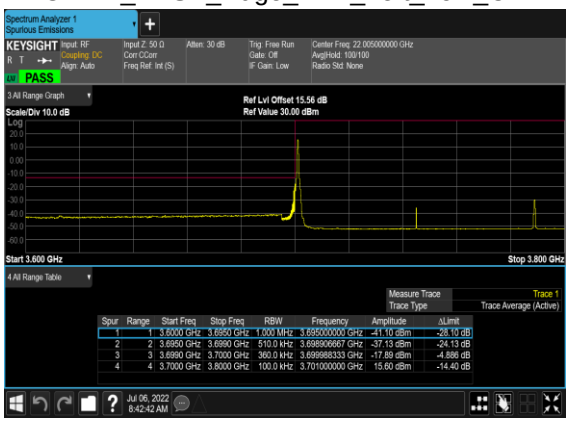
N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



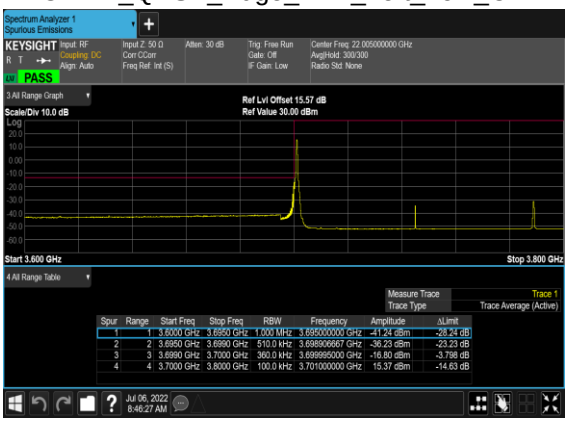
N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



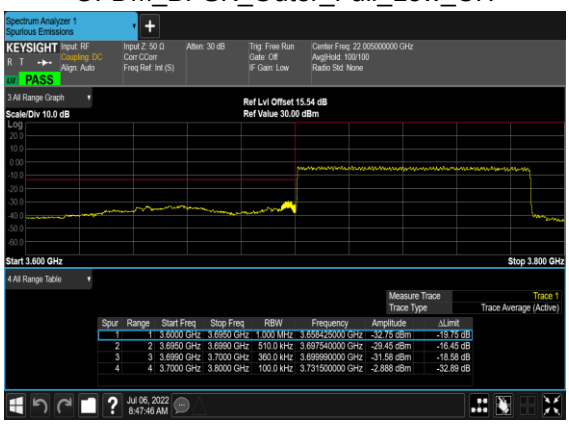
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



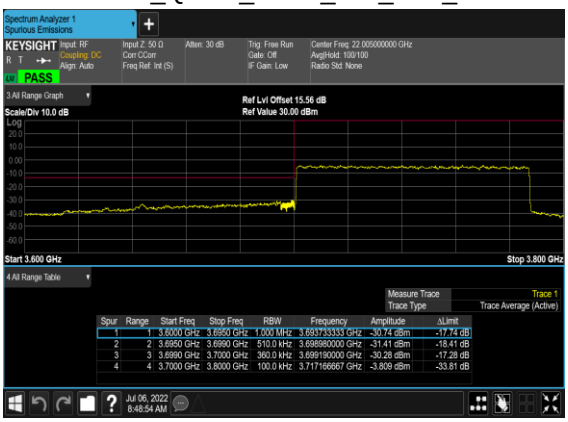
N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(90M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



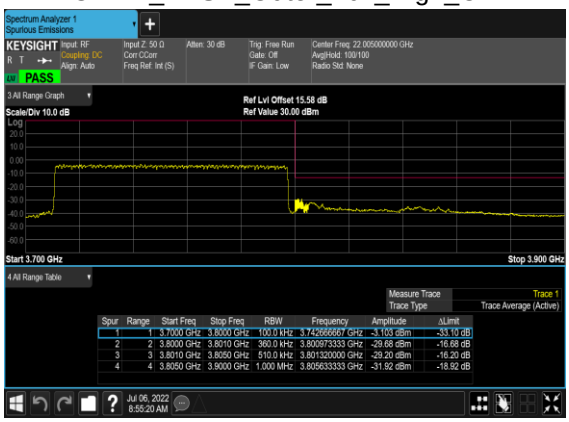
N78(90M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



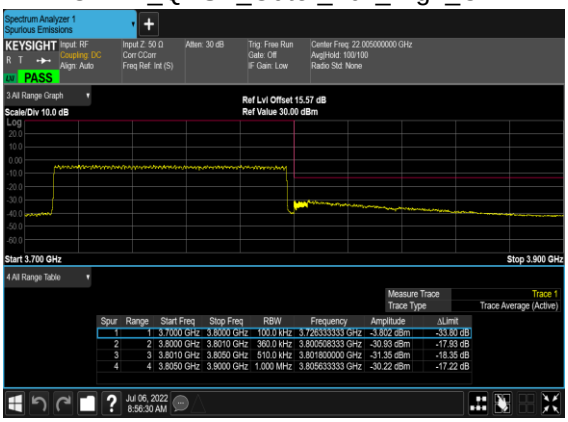
N78(90M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N78(90M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N78(90M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(90M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Levi zhuo	Temperature :	22~23℃
		Relative Humidity :	41~42%

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

SA n77 / NR 100MHz / QPSK DFT-s-OFDM / ANT3								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-47.14	-13	-34.14	-57.62	2.76	13.24	H
	11106	-55.34	-13	-42.34	-64.93	3.42	13.01	H
	14820	-58.31	-13	-45.31	-67.92	3.83	13.44	H
	7404	-51.91	-13	-38.91	-62.35	2.80	13.24	V
	11106	-54.67	-13	-41.67	-64.22	3.46	13.01	V
	14820	-57.64	-13	-44.64	-67.20	3.88	13.44	V
Middle	7584	-44.63	-13	-31.63	-55.11	2.76	13.24	H
	11376	-55.97	-13	-42.97	-65.56	3.42	13.01	H
	15180	-57.77	-13	-44.77	-67.38	3.83	13.44	H
	7584	-44.92	-13	-31.92	-55.36	2.80	13.24	V
	11376	-51.80	-13	-38.80	-61.35	3.46	13.01	V
	15180	-57.74	-13	-44.74	-67.30	3.88	13.44	V
Highest	7764	-40.08	-13	-27.08	-50.56	2.76	13.24	H
	11646	-51.68	-13	-38.68	-61.27	3.42	13.01	H
	15540	-57.21	-13	-44.21	-66.82	3.83	13.44	H
	7764	-38.82	-13	-25.82	-49.26	2.80	13.24	V
	11646	-49.91	-13	-36.91	-59.46	3.46	13.01	V
	15540	-57.60	-13	-44.60	-67.16	3.88	13.44	V

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

EN-DC_7A_n77/ LTE 20MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT3(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7404	-47.43	-13	-34.43	-57.91	2.76	13.24	H
	11106	-54.82	-13	-41.82	-64.41	3.42	13.01	H
	14820	-58.45	-13	-45.45	-68.06	3.83	13.44	H
	7404	-52.04	-13	-39.04	-62.48	2.80	13.24	V
	11106	-56.46	-13	-43.46	-66.01	3.46	13.01	V
	14820	-58.33	-13	-45.33	-67.89	3.88	13.44	V
Middle	7584	-43.10	-13	-30.10	-53.58	2.76	13.24	H
	11376	-53.24	-13	-40.24	-62.83	3.42	13.01	H
	15168	-55.27	-13	-42.27	-64.88	3.83	13.44	H
	7584	-43.34	-13	-30.34	-53.78	2.80	13.24	V
	11376	-54.25	-13	-41.25	-63.80	3.46	13.01	V
	15168	-58.96	-13	-45.96	-68.52	3.88	13.44	V
Highest	7764	-36.35	-13	-23.35	-46.83	2.76	13.24	H
	11646	-53.38	-13	-40.38	-62.97	3.42	13.01	H
	15540	-58.01	-13	-45.01	-67.62	3.83	13.44	H
	7764	-36.62	-13	-23.62	-47.06	2.80	13.24	V
	11646	-56.01	-13	-43.01	-65.56	3.46	13.01	V
	15540	-58.16	-13	-45.16	-67.72	3.88	13.44	V

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

THE END