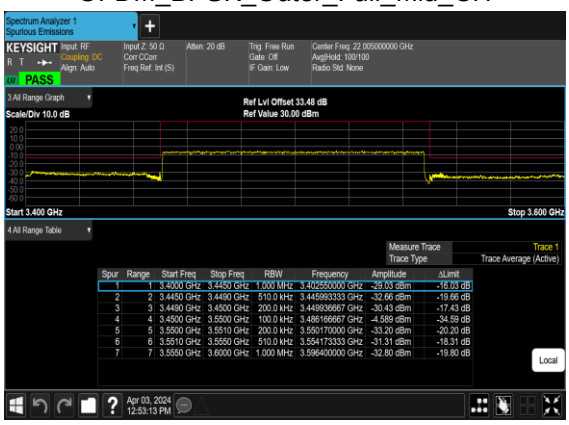
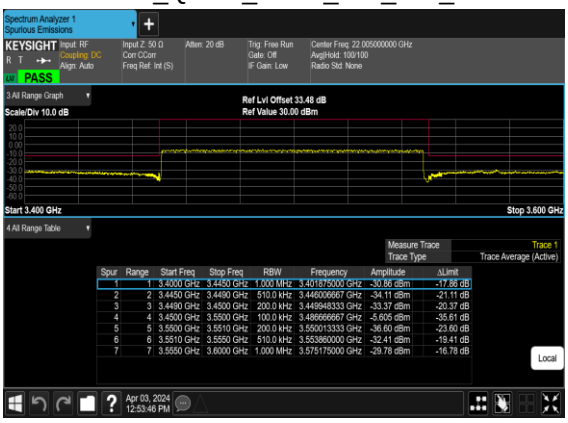
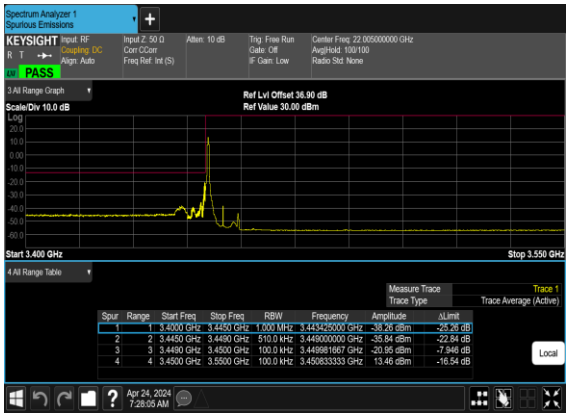
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



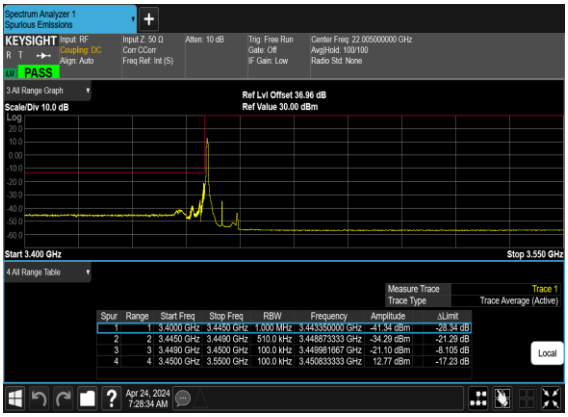
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



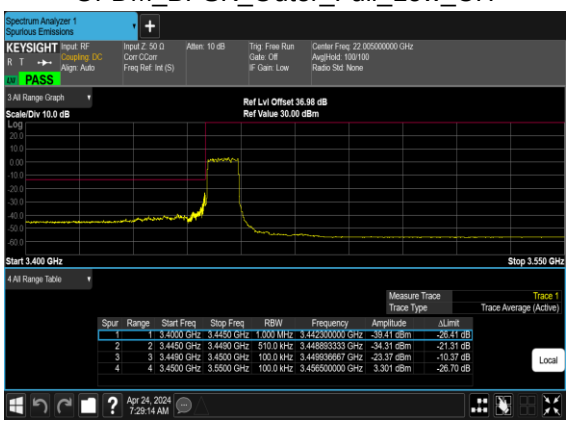
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



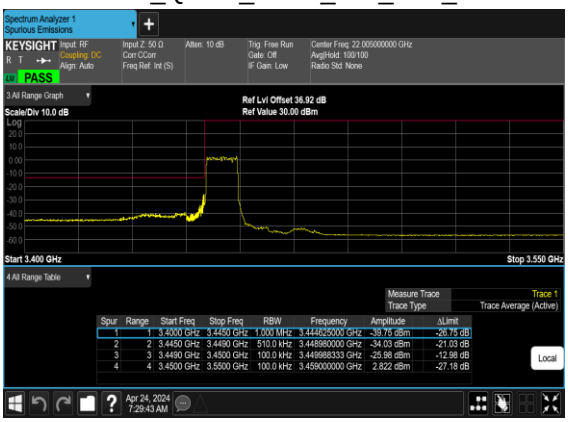
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



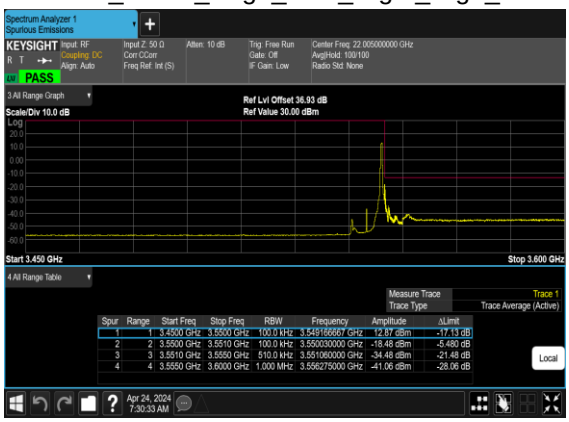
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



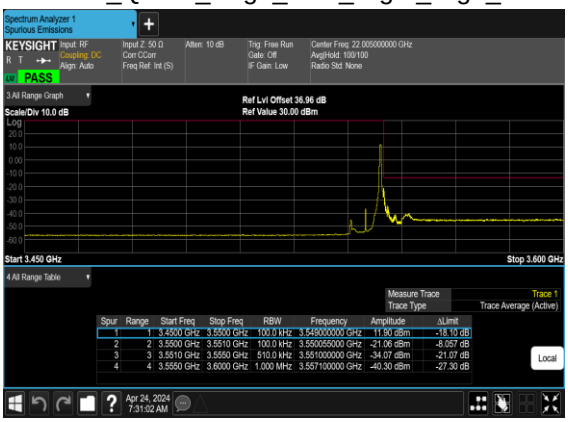
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



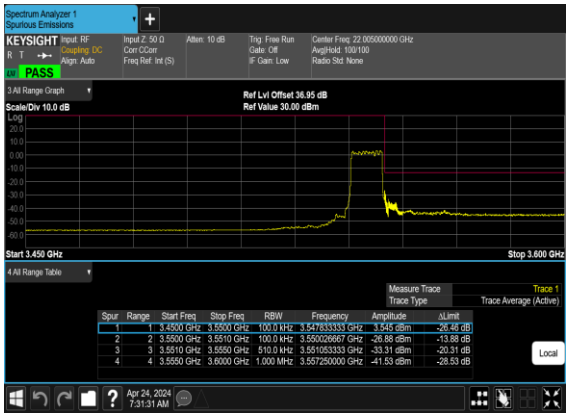
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



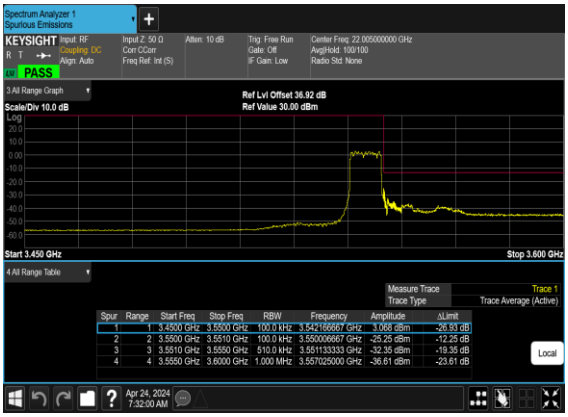
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N77 MIMO (ANT 7+1)-ANT1

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.15dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power (dBm)	ANT1 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
77	30	20	630668	3460.02	CP-OFDM QPSK	1@1	22.94	22.77	25.87	25.72	0.3729
77	30	20	630668	3460.02	CP-OFDM 16 QAM	1@1	22.79	22.26	25.54	25.39	0.3462
77	30	20	630668	3460.02	CP-OFDM 64 QAM	1@1	21.15	20.65	23.92	23.77	0.2381
77	30	20	633334	3500.01	CP-OFDM QPSK	1@1	23.13	22.96	26.06	25.91	0.3896
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@1	22.7	22.26	25.50	25.35	0.3424
77	30	20	633334	3500.01	CP-OFDM 64 QAM	1@1	21.1	20.58	23.86	23.71	0.2349
77	30	20	636000	3540	CP-OFDM QPSK	1@1	23.18	23.1	26.15	26.00	0.3982
77	30	20	636000	3540	CP-OFDM 16 QAM	1@1	22.77	22.33	25.57	25.42	0.3480
77	30	20	636000	3540	CP-OFDM 64 QAM	1@1	21.17	20.63	23.92	23.77	0.2382
77	30	30	631000	3465	CP-OFDM QPSK	1@1	21.67	20.64	24.20	24.05	0.2538
77	30	30	631000	3465	CP-OFDM 16 QAM	1@1	22.93	21.77	25.40	25.25	0.3349
77	30	30	631000	3465	CP-OFDM 64 QAM	1@1	21.3	20.09	23.75	23.60	0.2289
77	30	30	633334	3500.01	CP-OFDM QPSK	1@1	21.61	20.8	24.23	24.08	0.2561
77	30	30	633334	3500.01	CP-OFDM 16 QAM	1@1	22.92	21.87	25.44	25.29	0.3378
77	30	30	633334	3500.01	CP-OFDM 64 QAM	1@1	21.14	20.12	23.67	23.52	0.2249
77	30	30	635666	3534.99	CP-OFDM QPSK	1@1	23.35	22.75	26.07	25.92	0.3909
77	30	30	635666	3534.99	CP-OFDM 16 QAM	1@1	23.03	22.16	25.63	25.48	0.3529
77	30	30	635666	3534.99	CP-OFDM 64 QAM	1@1	21.29	20.58	23.96	23.81	0.2404
77	30	40	631334	3470.01	CP-OFDM QPSK	1@1	23.04	22.77	25.92	25.77	0.3773
77	30	40	631334	3470.01	CP-OFDM 16 QAM	1@1	22.89	22.84	25.88	25.73	0.3737
77	30	40	631334	3470.01	CP-OFDM 64 QAM	1@1	21.18	20.61	23.91	23.76	0.2379
77	30	40	633334	3500.01	CP-OFDM QPSK	1@1	23	22.41	25.73	25.58	0.3610
77	30	40	633334	3500.01	CP-OFDM 16 QAM	1@1	22.62	21.7	25.19	25.04	0.3195
77	30	40	633334	3500.01	CP-OFDM 64 QAM	1@1	21.13	20	23.61	23.46	0.2219
77	30	40	635332	3529.98	CP-OFDM QPSK	1@1	23.2	22.63	25.93	25.78	0.3788
77	30	40	635332	3529.98	CP-OFDM 16 QAM	1@1	22.68	21.97	25.35	25.20	0.3311
77	30	40	635332	3529.98	CP-OFDM 64 QAM	1@1	21.19	20.25	23.76	23.61	0.2294
77	30	50	631668	3475.02	CP-OFDM QPSK	1@1	21.86	21.42	24.66	24.51	0.2822
77	30	50	631668	3475.02	CP-OFDM 16 QAM	1@1	23.1	22.32	25.74	25.59	0.3621
77	30	50	631668	3475.02	CP-OFDM 64 QAM	1@1	21.46	20.67	24.09	23.94	0.2479

77	30	50	633334	3500.01	CP-OFDM QPSK	1@1	21.54	21.3	24.43	24.28	0.2680
77	30	50	633334	3500.01	CP-OFDM 16 QAM	1@1	22.59	22.29	25.45	25.30	0.3391
77	30	50	633334	3500.01	CP-OFDM 64 QAM	1@1	20.87	20.62	23.76	23.61	0.2295
77	30	50	635000	3525	CP-OFDM QPSK	1@1	23	23.24	26.13	25.98	0.3965
77	30	50	635000	3525	CP-OFDM 16 QAM	1@1	22.8	22.54	25.68	25.53	0.3575
77	30	50	635000	3525	CP-OFDM 64 QAM	1@1	21.13	20.82	23.99	23.84	0.2420
77	30	60	632000	3480	CP-OFDM QPSK	1@1	22.93	22.56	25.76	25.61	0.3639
77	30	60	632000	3480	CP-OFDM 16 QAM	1@1	22.41	22.01	25.22	25.07	0.3217
77	30	60	632000	3480	CP-OFDM 64 QAM	1@1	20.83	20.18	23.53	23.38	0.2176
77	30	60	633334	3500.01	CP-OFDM QPSK	1@1	22.78	22.62	25.71	25.56	0.3598
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@1	22.49	21.98	25.25	25.10	0.3238
77	30	60	633334	3500.01	CP-OFDM 64 QAM	1@1	20.85	20.19	23.54	23.39	0.2184
77	30	60	634666	3519.99	CP-OFDM QPSK	1@1	21.33	21.25	24.30	24.15	0.2600
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@1	22.54	22.26	25.41	25.26	0.3359
77	30	60	634666	3519.99	CP-OFDM 64 QAM	1@1	20.81	20.55	23.69	23.54	0.2261
77	30	70	632334	3485.01	CP-OFDM QPSK	1@1	22.97	22.67	25.83	25.68	0.3701
77	30	70	632334	3485.01	CP-OFDM 16 QAM	1@1	22.56	22.01	25.30	25.15	0.3276
77	30	70	632334	3485.01	CP-OFDM 64 QAM	1@1	20.95	20.33	23.66	23.51	0.2245
77	30	70	633334	3500.01	CP-OFDM QPSK	1@1	21.33	21.09	24.22	24.07	0.2554
77	30	70	633334	3500.01	CP-OFDM 16 QAM	1@1	22.6	22.03	25.33	25.18	0.3300
77	30	70	633334	3500.01	CP-OFDM 64 QAM	1@1	20.9	20.41	23.67	23.52	0.2250
77	30	70	634332	3514.98	CP-OFDM QPSK	1@1	21.42	21.29	24.37	24.22	0.2640
77	30	70	634332	3514.98	CP-OFDM 16 QAM	1@1	22.51	22.16	25.35	25.20	0.3310
77	30	70	634332	3514.98	CP-OFDM 64 QAM	1@1	20.88	20.48	23.69	23.54	0.2262
77	30	80	632668	3490.02	CP-OFDM QPSK	1@1	23.05	22.79	25.93	25.78	0.3786
77	30	80	632668	3490.02	CP-OFDM 16 QAM	1@1	22.57	22.02	25.31	25.16	0.3284
77	30	80	632668	3490.02	CP-OFDM 64 QAM	1@1	21.04	20.29	23.69	23.54	0.2260
77	30	80	633334	3500.01	CP-OFDM QPSK	1@1	23.06	22.85	25.97	25.82	0.3816
77	30	80	633334	3500.01	CP-OFDM 16 QAM	1@1	22.64	22.13	25.40	25.25	0.3352
77	30	80	633334	3500.01	CP-OFDM 64 QAM	1@1	20.99	20.26	23.65	23.50	0.2239
77	30	80	634000	3510	CP-OFDM QPSK	1@1	22.99	22.87	25.94	25.79	0.3794
77	30	80	634000	3510	CP-OFDM 16 QAM	1@1	22.64	22.17	25.42	25.27	0.3366
77	30	80	634000	3510	CP-OFDM 64 QAM	1@1	20.91	20.44	23.69	23.54	0.2260
77	30	90	633000	3495	CP-OFDM QPSK	1@1	23.08	22.85	25.98	25.83	0.3825
77	30	90	633000	3495	CP-OFDM 16 QAM	1@1	22.68	22.2	25.46	25.31	0.3394
77	30	90	633000	3495	CP-OFDM 64 QAM	1@1	21.14	20.53	23.86	23.71	0.2347

77	30	90	633334	3500.01	CP-OFDM QPSK	1@1	23.05	22.91	25.99	25.84	0.3838
77	30	90	633334	3500.01	CP-OFDM 16 QAM	1@1	22.72	22.17	25.46	25.31	0.3399
77	30	90	633334	3500.01	CP-OFDM 64 QAM	1@1	21.26	20.44	23.88	23.73	0.2360
77	30	90	633666	3504.99	CP-OFDM QPSK	1@1	23.13	22.93	26.04	25.89	0.3883
77	30	90	633666	3504.99	CP-OFDM 16 QAM	1@1	22.92	22.25	25.61	25.46	0.3514
77	30	90	633666	3504.99	CP-OFDM 64 QAM	1@1	21.17	20.61	23.91	23.76	0.2376
77	30	100	633334	3500.01	CP-OFDM QPSK	137@68	22.6	22.73	25.68	25.53	0.3569
77	30	100	633334	3500.01	CP-OFDM QPSK	1@1	23.26	23.1	26.19	26.04	0.4019
77	30	100	633334	3500.01	CP-OFDM QPSK	1@271	22.91	22.79	25.86	25.71	0.3725
77	30	100	633334	3500.01	CP-OFDM 16 QAM	137@68	22.3	22.18	25.25	25.10	0.3236
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@1	22.61	22.18	25.41	25.26	0.3358
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@271	22.36	22.04	25.21	25.06	0.3209
77	30	100	633334	3500.01	CP-OFDM 64 QAM	137@68	20.79	20.59	23.70	23.55	0.2265
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@1	21.1	20.5	23.82	23.67	0.2328
77	30	100	633334	3500.01	CP-OFDM 64 QAM	1@271	20.9	20.45	23.69	23.54	0.2260
77	30	100	633334	3500.01	CP-OFDM 256 QAM	137@68	17.92	17.69	20.82	20.67	0.1166
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@1	-31.14	17.81	17.81	17.66	0.0583
77	30	100	633334	3500.01	CP-OFDM 256 QAM	1@271	17.79	17.76	20.79	20.64	0.1158
77	30	10	630334	3455.01	CP-OFDM QPSK	1@1	22.44	22.34	25.40	25.25	0.3350
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@1	21.99	21.62	24.82	24.67	0.2930
77	30	10	630334	3455.01	CP-OFDM 64 QAM	1@1	20.37	19.94	23.17	23.02	0.2005
77	30	10	633334	3500.01	CP-OFDM QPSK	1@1	22.38	22.6	25.50	25.35	0.3429
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@1	22.08	21.93	25.02	24.87	0.3066
77	30	10	633334	3500.01	CP-OFDM 64 QAM	1@1	20.48	20.3	23.40	23.25	0.2114
77	30	10	636332	3544.98	CP-OFDM QPSK	1@1	22.54	23.02	25.80	25.65	0.3670
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@1	22.03	22.22	25.14	24.99	0.3152
77	30	10	636332	3544.98	CP-OFDM 64 QAM	1@1	20.52	20.52	23.53	23.38	0.2178
77	30	15	630500	3457.5	CP-OFDM QPSK	1@1	22.48	22.23	25.37	25.22	0.3324
77	30	15	630500	3457.5	CP-OFDM 16 QAM	1@1	22.09	21.56	24.84	24.69	0.2947
77	30	15	630500	3457.5	CP-OFDM 64 QAM	1@1	20.4	19.91	23.17	23.02	0.2005
77	30	15	633334	3500.01	CP-OFDM QPSK	1@1	22.32	22.59	25.47	25.32	0.3402
77	30	15	633334	3500.01	CP-OFDM 16 QAM	1@1	22.01	22.02	25.03	24.88	0.3073
77	30	15	633334	3500.01	CP-OFDM 64 QAM	1@1	20.49	20.37	23.44	23.29	0.2133
77	30	15	636166	3542.49	CP-OFDM QPSK	1@1	22.56	22.94	25.76	25.61	0.3643
77	30	15	636166	3542.49	CP-OFDM 16 QAM	1@1	22.21	22.38	25.31	25.16	0.3278
77	30	15	636166	3542.49	CP-OFDM 64 QAM	1@1	20.67	20.66	23.68	23.53	0.2252

77	30	25	630834	3462.51	CP-OFDM QPSK	1@1	22.47	22.77	25.63	25.48	0.3534
77	30	25	630834	3462.51	CP-OFDM 16 QAM	1@1	22.77	22.53	25.66	25.51	0.3558
77	30	25	630834	3462.51	CP-OFDM 64 QAM	1@1	20.72	20.22	23.49	23.34	0.2156
77	30	25	633334	3500.01	CP-OFDM QPSK	1@1	22.53	22.76	25.66	25.51	0.3554
77	30	25	633334	3500.01	CP-OFDM 16 QAM	1@1	22.14	22.1	25.13	24.98	0.3148
77	30	25	633334	3500.01	CP-OFDM 64 QAM	1@1	20.73	20.54	23.65	23.50	0.2237
77	30	25	635832	3537.48	CP-OFDM QPSK	1@1	22.58	23.08	25.85	25.70	0.3713
77	30	25	635832	3537.48	CP-OFDM 16 QAM	1@1	22.24	22.35	25.31	25.16	0.3278
77	30	25	635832	3537.48	CP-OFDM 64 QAM	1@1	20.7	20.71	23.72	23.57	0.2273

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00224	PASS	NV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00318	**PASS**	LV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00442	**PASS**	HV
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00358	**PASS**	-30℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00336	**PASS**	-20℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00445	**PASS**	-10℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00321	**PASS**	0℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	-0.00442	**PASS**	10℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00180	**PASS**	20℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00355	**PASS**	30℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00339	**PASS**	40℃
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	0.00325	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	6.73	13	**PASS**
77	30	20	633334	3500.01	CP-OFDM QPSK	1@0	7.19	13	**PASS**
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	6.72	13	**PASS**
77	30	20	633334	3500.01	CP-OFDM 16 QAM	1@0	7.05	13	**PASS**

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

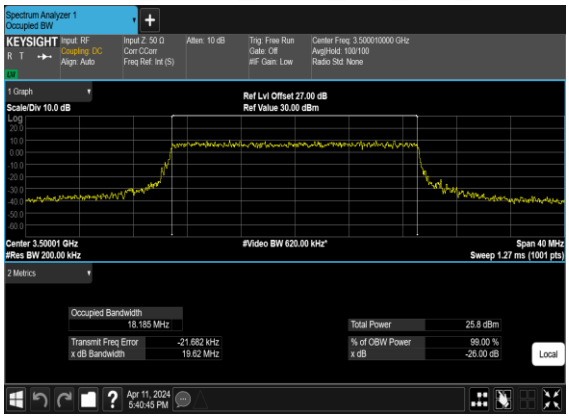
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH

Occupied Bandwidth

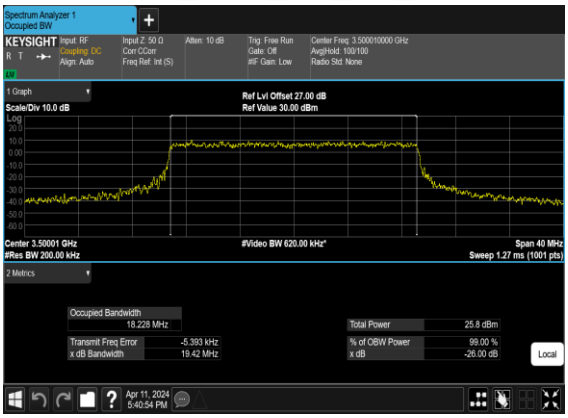
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	20	633334	3500.01	CP-OFDM QPSK	51@0	18.185	19.62
77	30	20	633334	3500.01	CP-OFDM 16 QAM	51@0	18.228	19.42
77	30	20	633334	3500.01	CP-OFDM 64 QAM	51@0	18.272	19.6
77	30	20	633334	3500.01	CP-OFDM 256 QAM	51@0	18.216	19.55
77	30	30	633334	3500.01	CP-OFDM QPSK	78@0	27.875	29.39
77	30	30	633334	3500.01	CP-OFDM 16 QAM	78@0	27.832	29.01
77	30	30	633334	3500.01	CP-OFDM 64 QAM	78@0	27.856	29.16
77	30	30	633334	3500.01	CP-OFDM 256 QAM	78@0	27.876	29.26
77	30	40	633334	3500.01	CP-OFDM QPSK	106@0	37.915	39.83
77	30	40	633334	3500.01	CP-OFDM 16 QAM	106@0	37.814	39.41
77	30	40	633334	3500.01	CP-OFDM 64 QAM	106@0	37.882	39.3
77	30	40	633334	3500.01	CP-OFDM 256 QAM	106@0	37.736	39.76
77	30	50	633334	3500.01	CP-OFDM QPSK	133@0	47.455	49.39
77	30	50	633334	3500.01	CP-OFDM 16 QAM	133@0	47.547	49.53
77	30	50	633334	3500.01	CP-OFDM 64 QAM	133@0	47.486	49.1
77	30	50	633334	3500.01	CP-OFDM 256 QAM	133@0	47.535	49.16
77	30	60	633334	3500.01	CP-OFDM QPSK	162@0	57.604	59.57
77	30	60	633334	3500.01	CP-OFDM 16 QAM	162@0	57.814	59.85
77	30	60	633334	3500.01	CP-OFDM 64 QAM	162@0	57.874	60.22
77	30	60	633334	3500.01	CP-OFDM 256 QAM	162@0	57.87	60.13
77	30	70	633334	3500.01	CP-OFDM QPSK	189@0	67.595	69.8
77	30	70	633334	3500.01	CP-OFDM 16 QAM	189@0	67.449	69.75
77	30	70	633334	3500.01	CP-OFDM 64 QAM	189@0	67.544	69.76
77	30	70	633334	3500.01	CP-OFDM 256 QAM	189@0	67.492	70.04
77	30	80	633334	3500.01	CP-OFDM QPSK	217@0	77.55	79.92
77	30	80	633334	3500.01	CP-OFDM 16 QAM	217@0	77.556	79.93
77	30	80	633334	3500.01	CP-OFDM 64 QAM	217@0	77.377	80.02
77	30	80	633334	3500.01	CP-OFDM 256 QAM	217@0	77.669	80.11
77	30	90	633334	3500.01	CP-OFDM QPSK	245@0	87.518	90.25
77	30	90	633334	3500.01	CP-OFDM 16 QAM	245@0	87.537	90.19
77	30	90	633334	3500.01	CP-OFDM 64 QAM	245@0	87.55	90.44
77	30	90	633334	3500.01	CP-OFDM 256 QAM	245@0	87.522	90.32
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	97.428	100.6
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	97.59	100.5
77	30	100	633334	3500.01	CP-OFDM 64 QAM	273@0	97.473	100.5

77	30	100	633334	3500.01	CP-OFDM 256 QAM	273@0	97.606	100.8
77	30	10	633334	3500.01	CP-OFDM QPSK	24@0	8.5705	9.39
77	30	10	633334	3500.01	CP-OFDM 16 QAM	24@0	8.5708	9.518
77	30	10	633334	3500.01	CP-OFDM 64 QAM	24@0	8.5895	9.524
77	30	10	633334	3500.01	CP-OFDM 256 QAM	24@0	8.5255	9.427
77	30	15	633334	3500.01	CP-OFDM QPSK	38@0	13.573	14.53
77	30	15	633334	3500.01	CP-OFDM 16 QAM	38@0	13.591	14.73
77	30	15	633334	3500.01	CP-OFDM 64 QAM	38@0	13.511	14.51
77	30	15	633334	3500.01	CP-OFDM 256 QAM	38@0	13.556	14.97
77	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.179	24.61
77	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.268	24.37
77	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.21	24.35
77	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.236	24.72

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



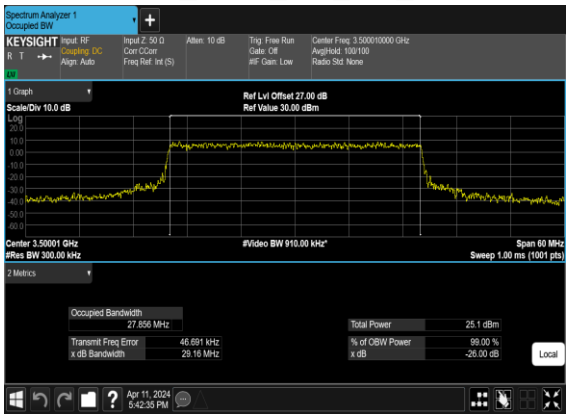
N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

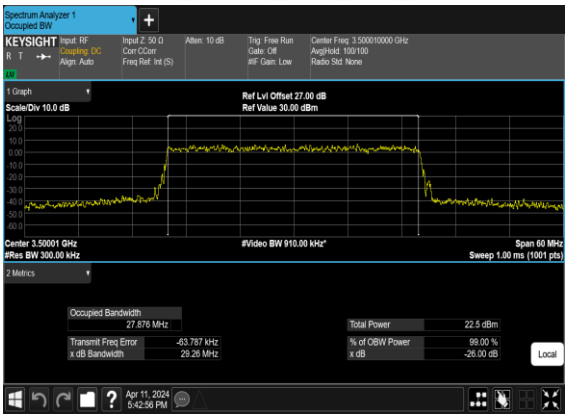
N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

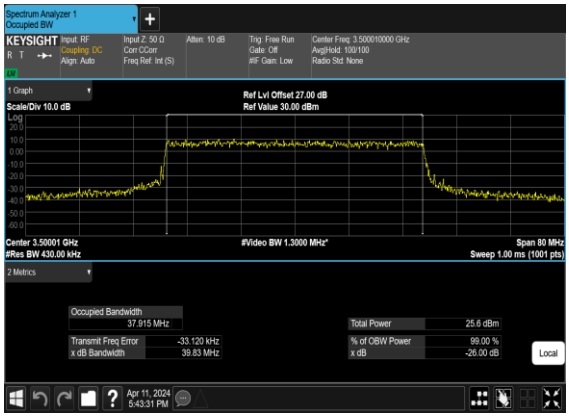
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



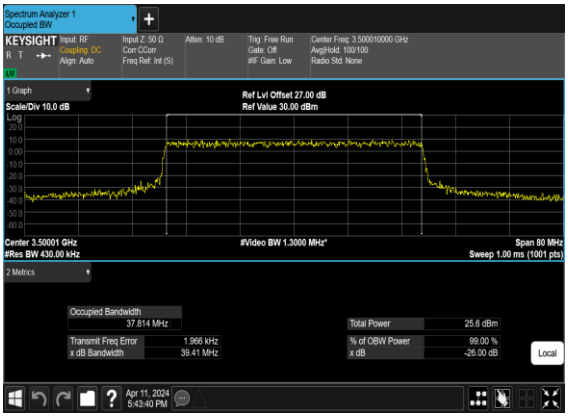
N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

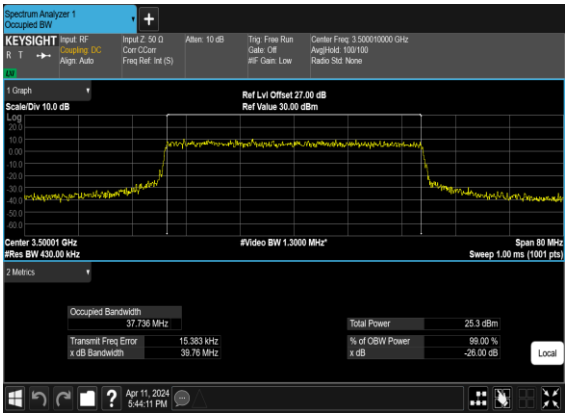


N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

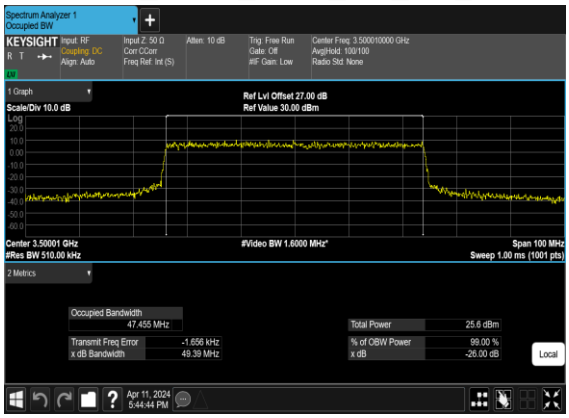


N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

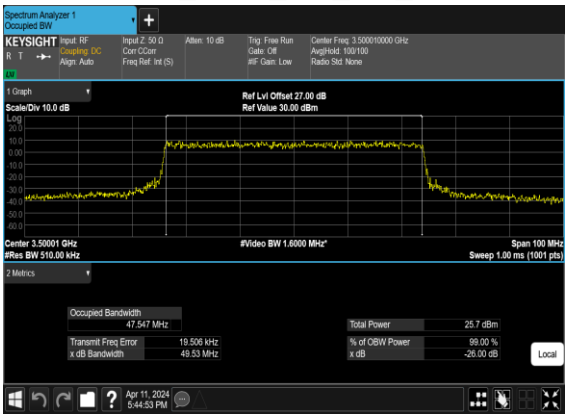
N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



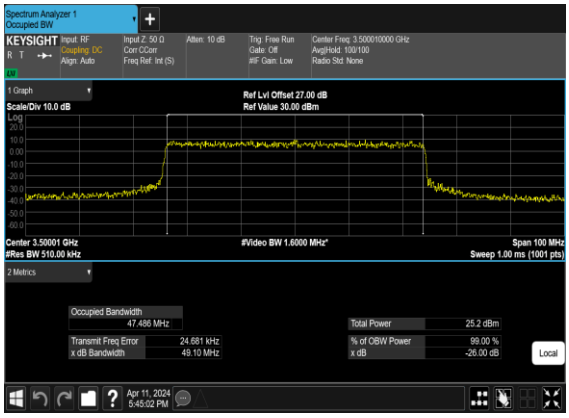
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



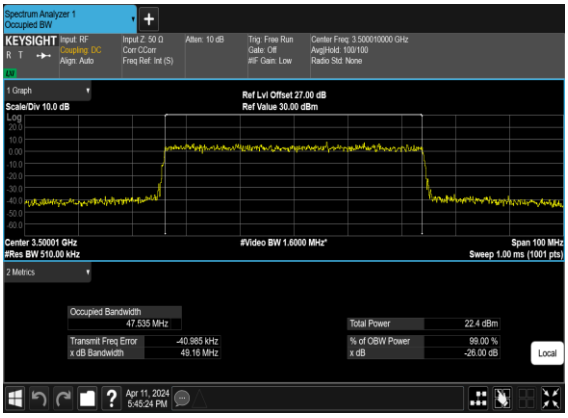
N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



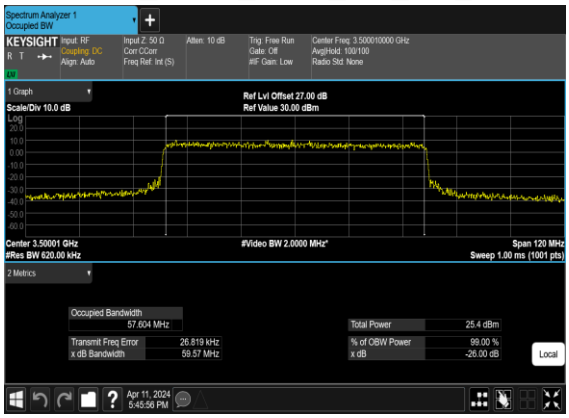
N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



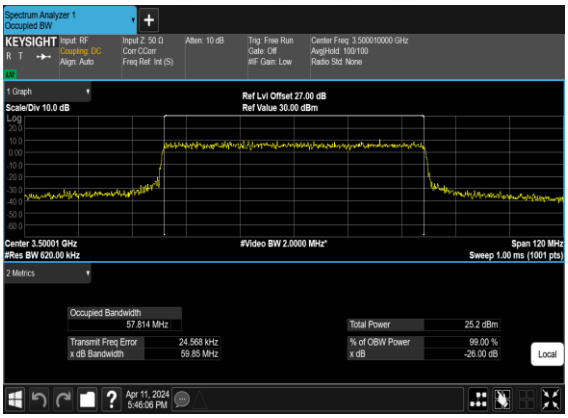
N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



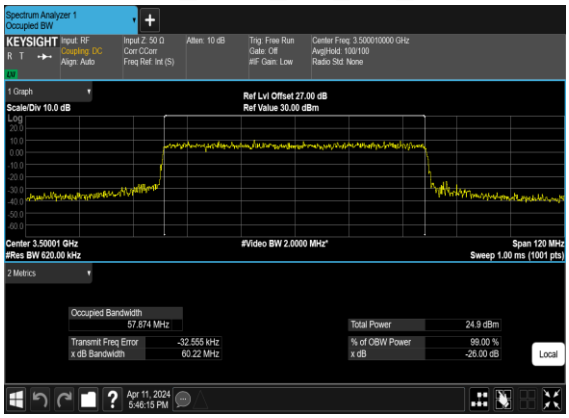
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



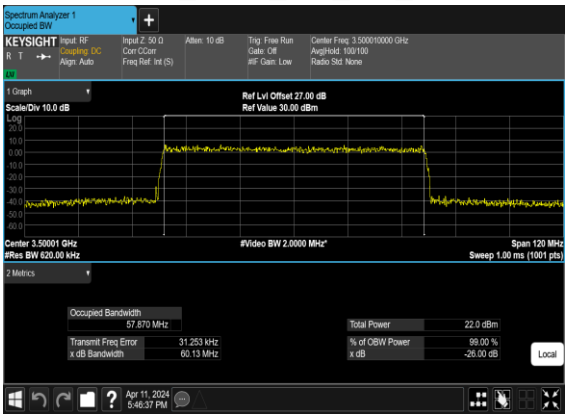
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



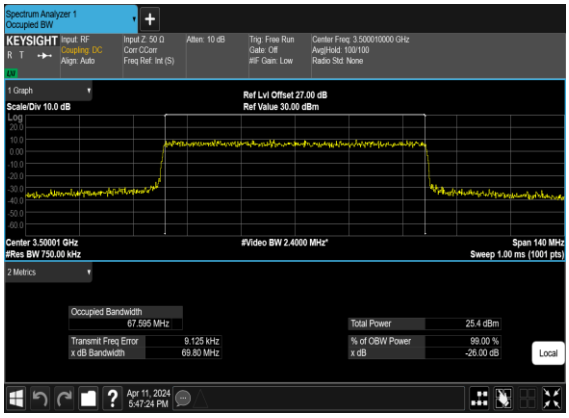
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



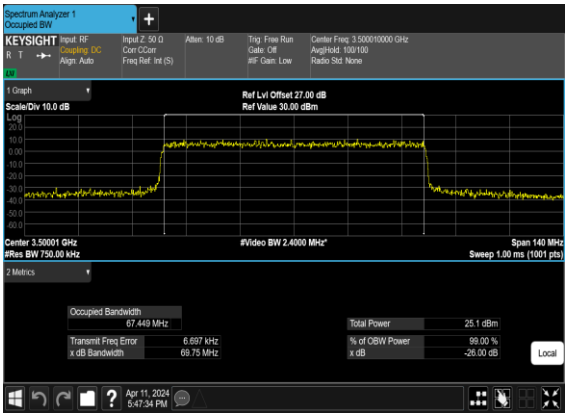
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



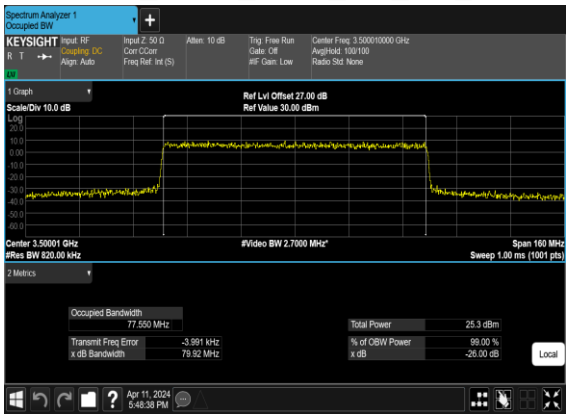
N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

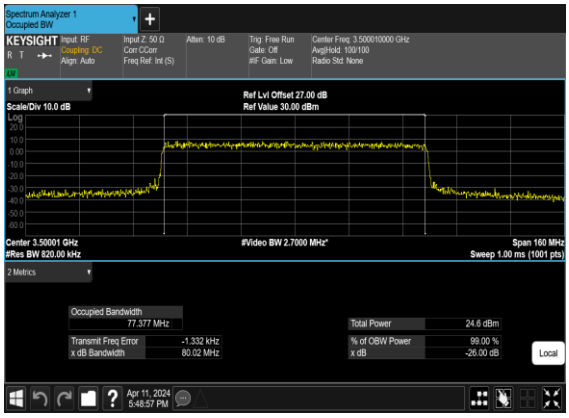
N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



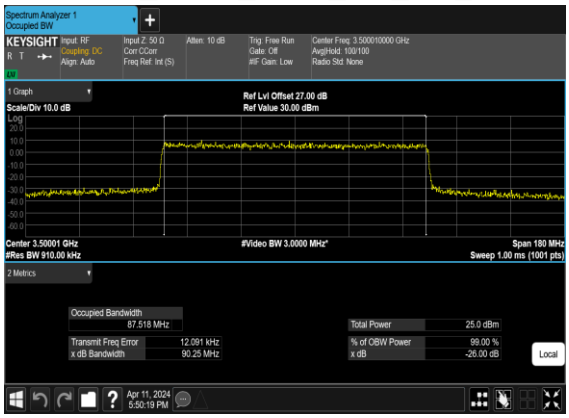
N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

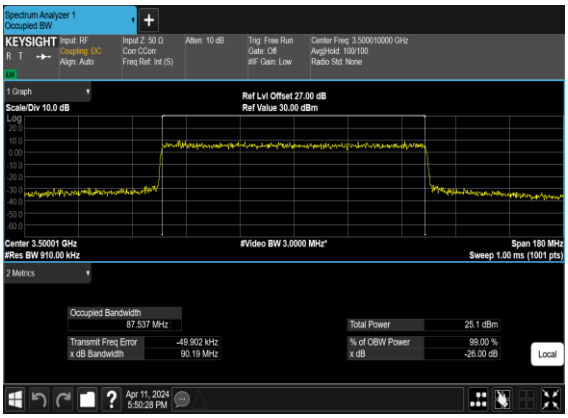


N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

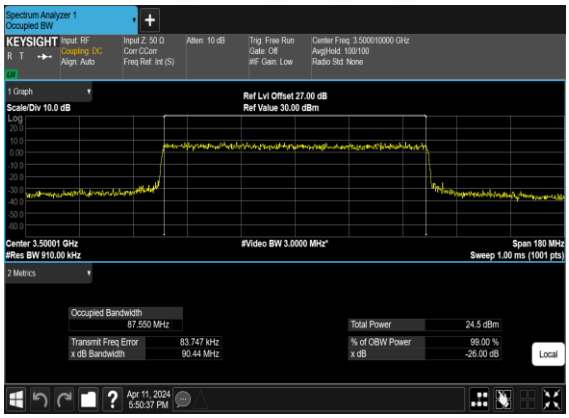
N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



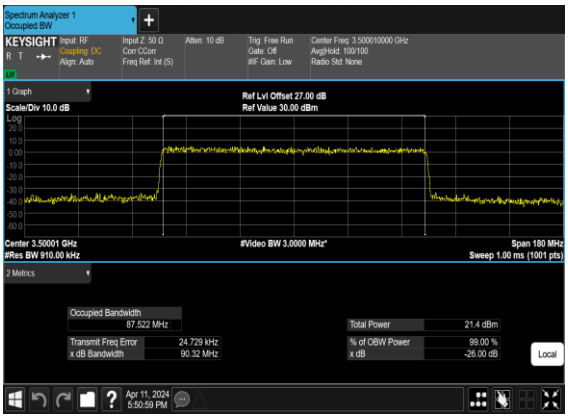
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



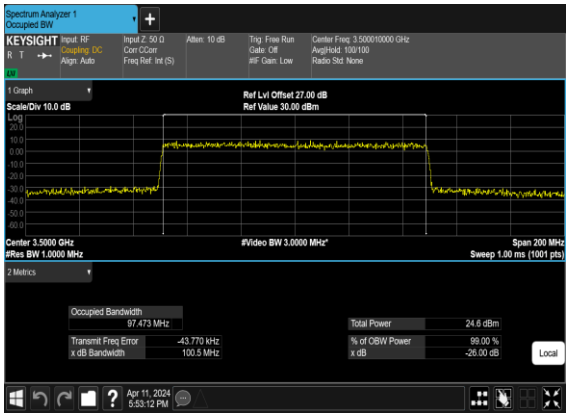
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

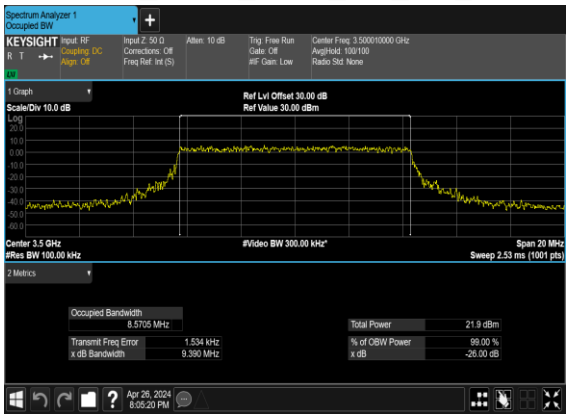
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

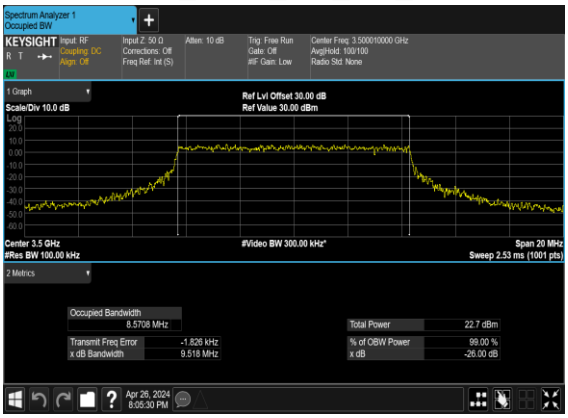


N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

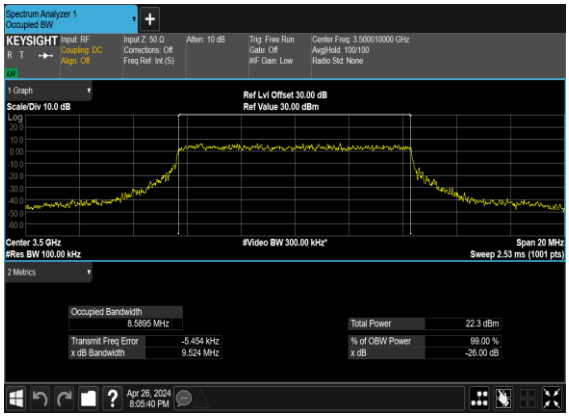
N77(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



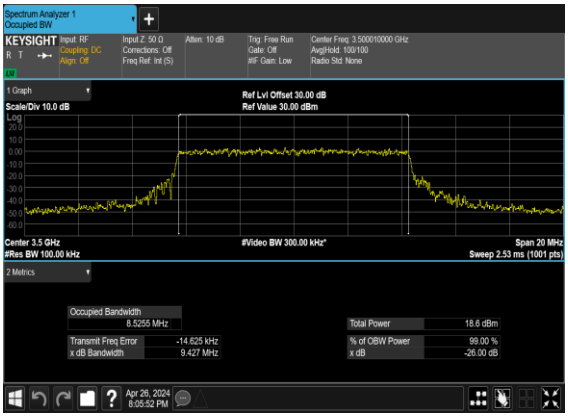
N77(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



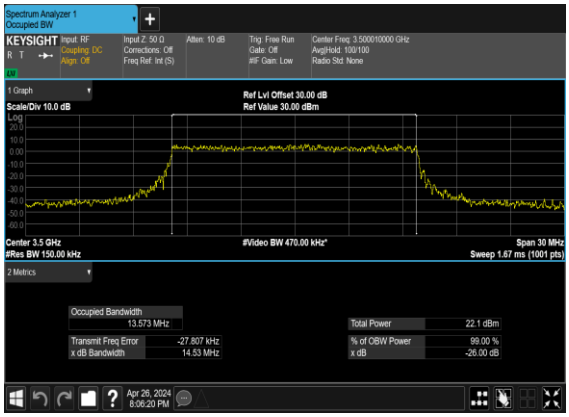
N77(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



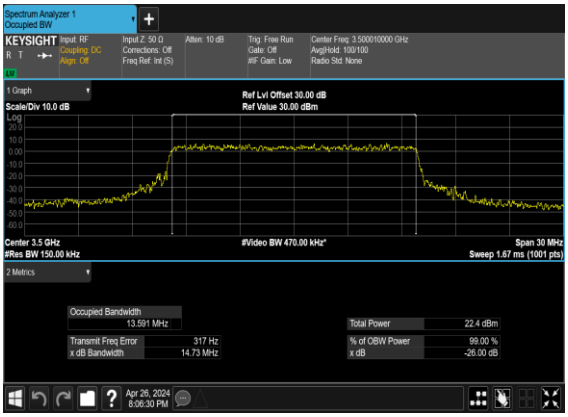
N77(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



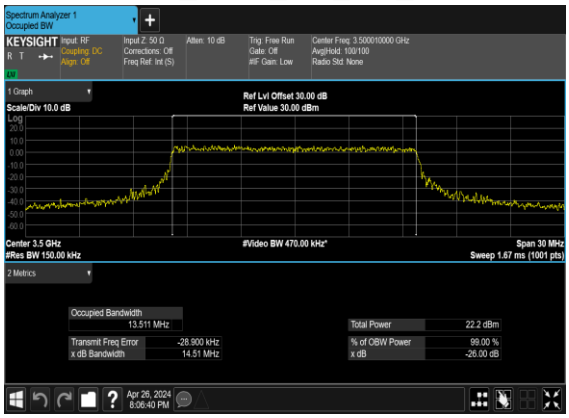
N77(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



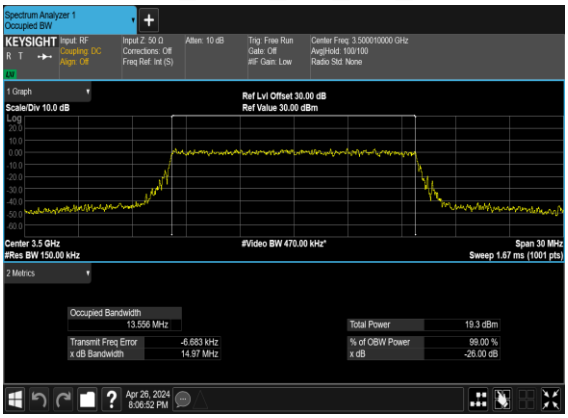
N77(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



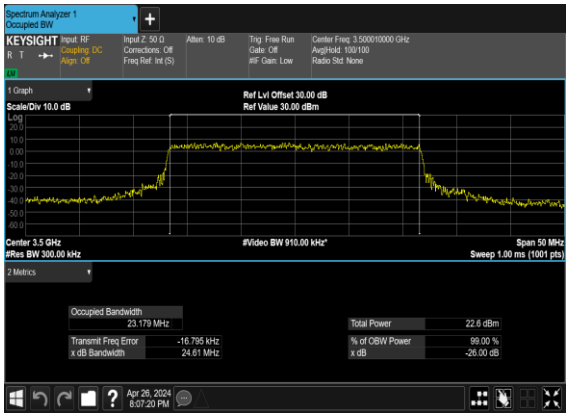
N77(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



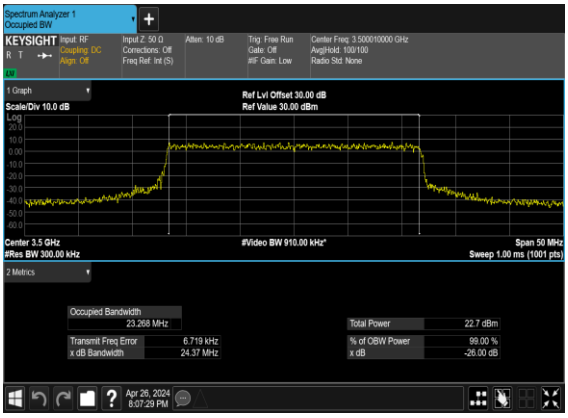
N77(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

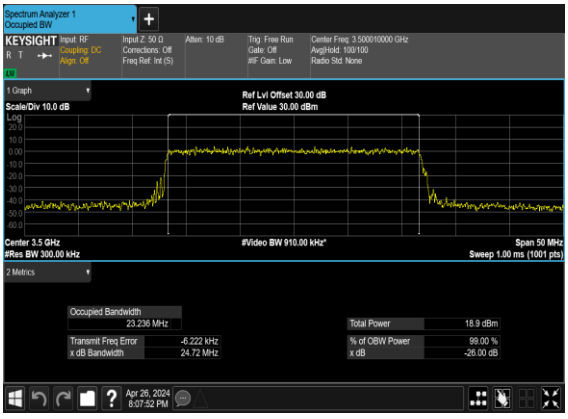


N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N77(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

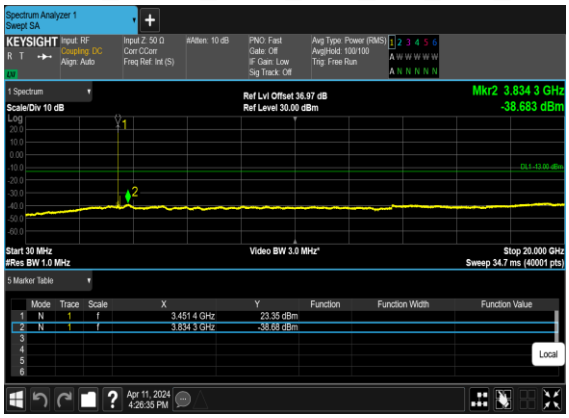


Conducted Spurious Emissions

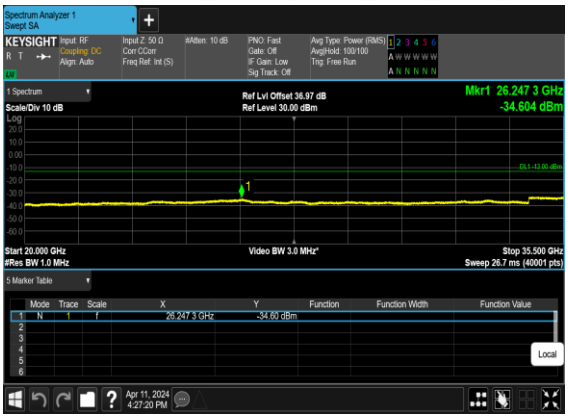
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	**---**
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**

77	30	10	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**---**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@0	see graph	**---**
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@0	see graph	**PASS**

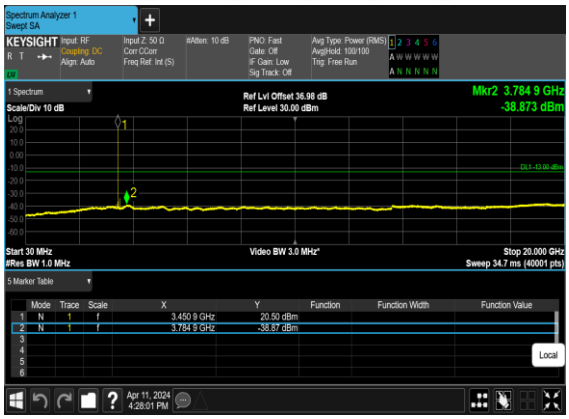
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



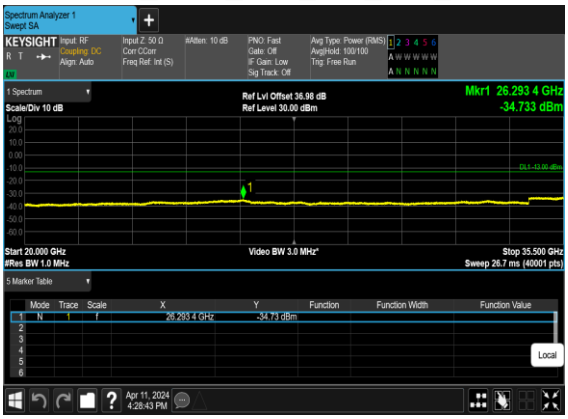
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



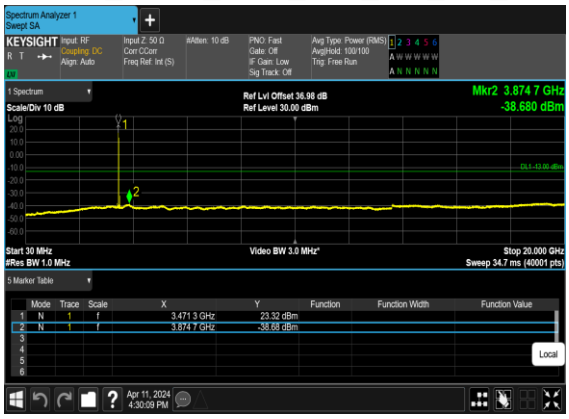
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



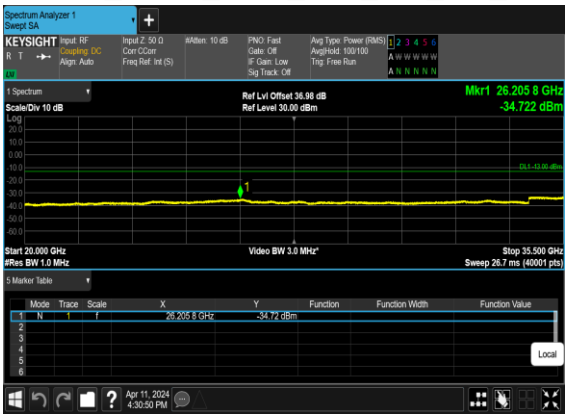
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



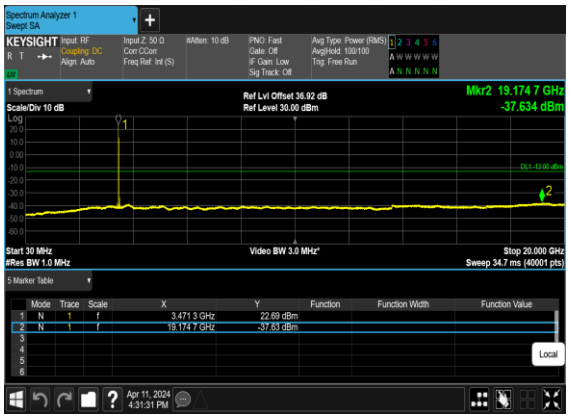
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



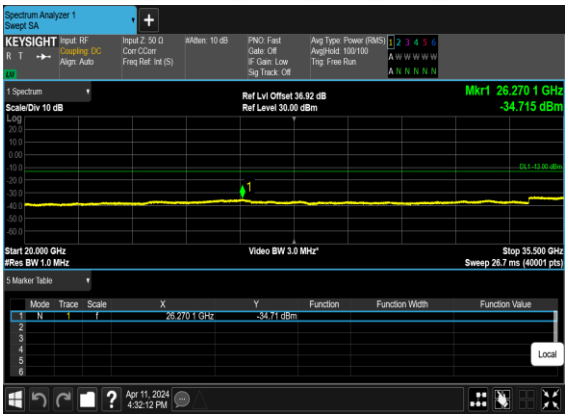
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



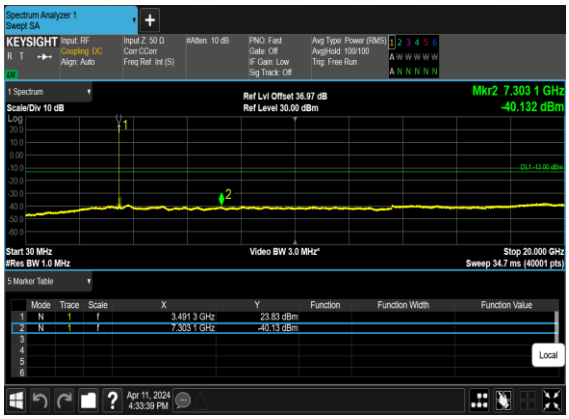
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



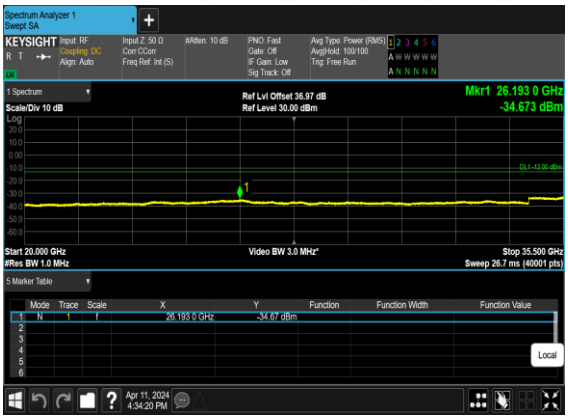
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



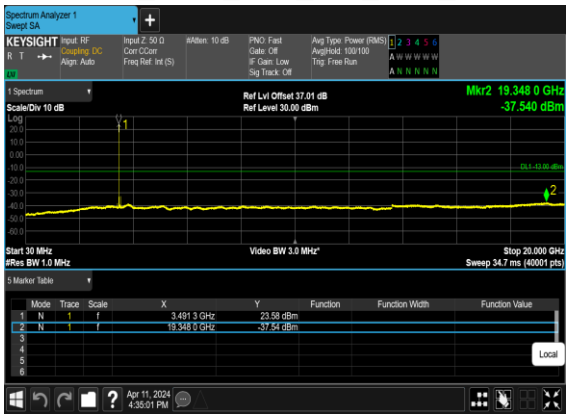
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



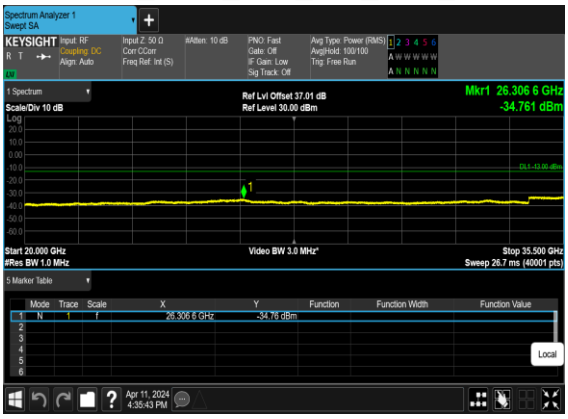
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



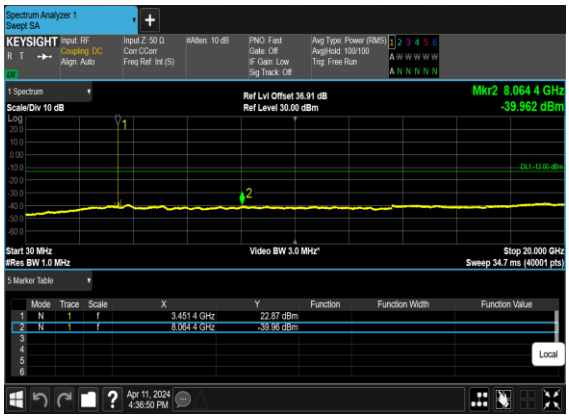
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



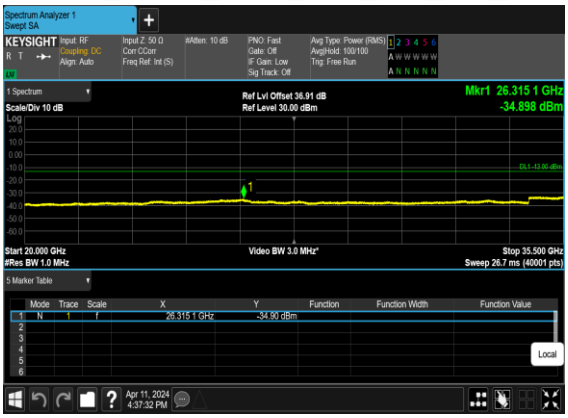
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



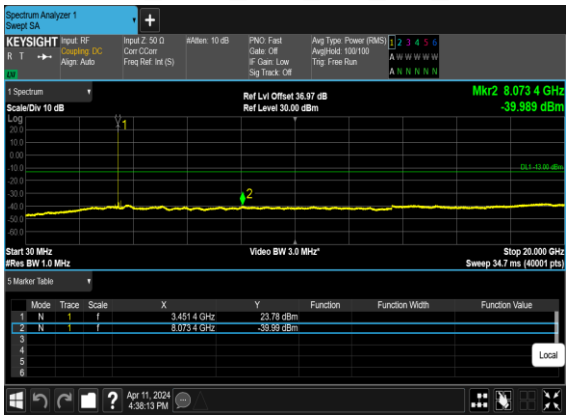
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



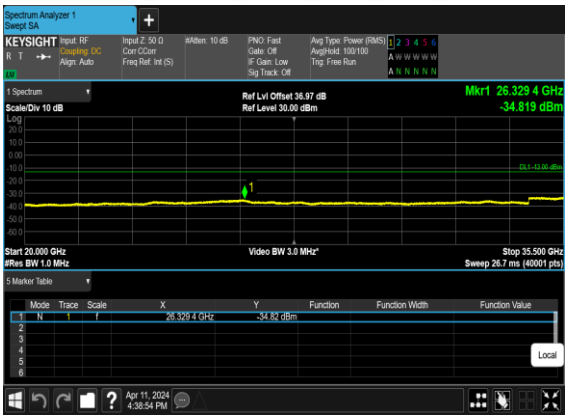
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



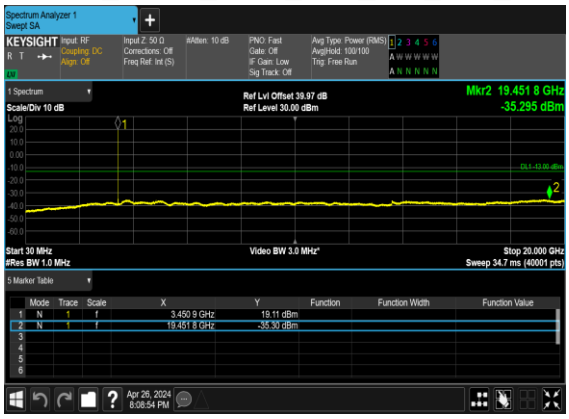
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



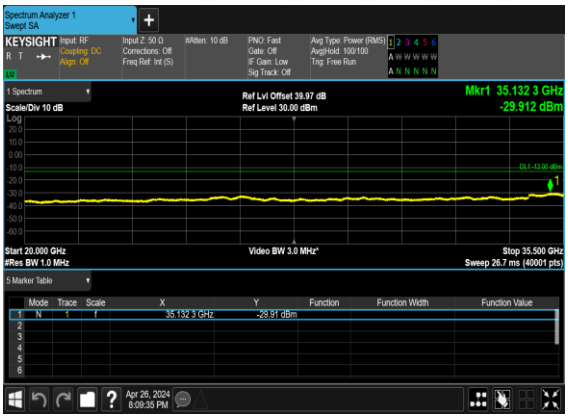
N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



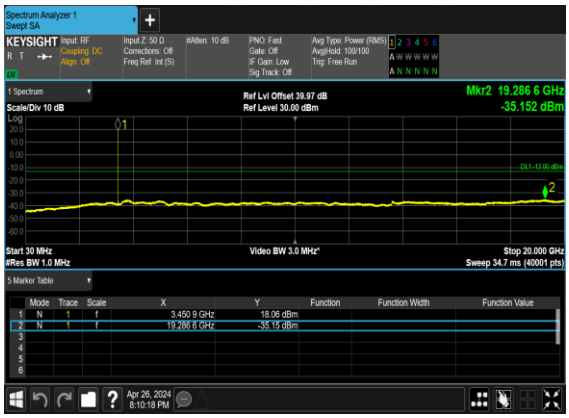
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



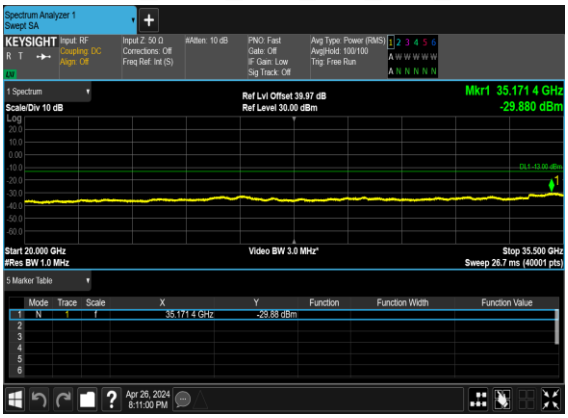
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



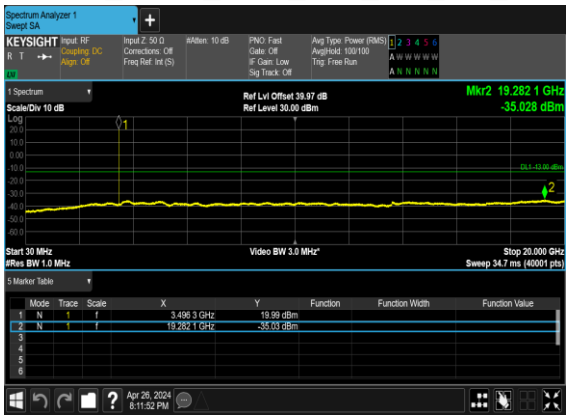
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



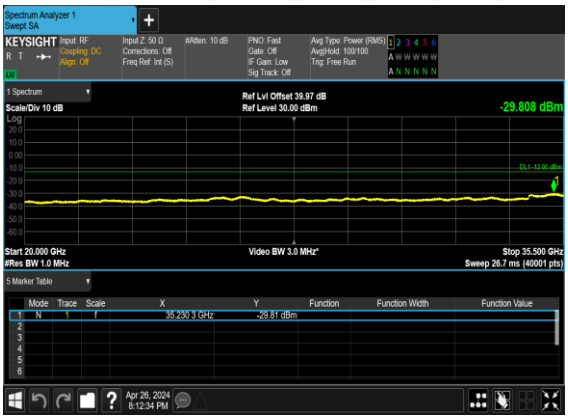
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



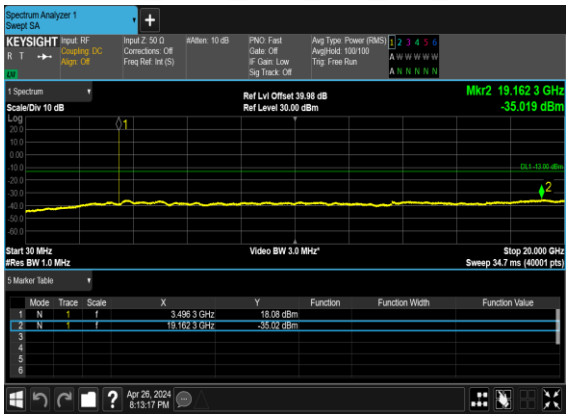
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



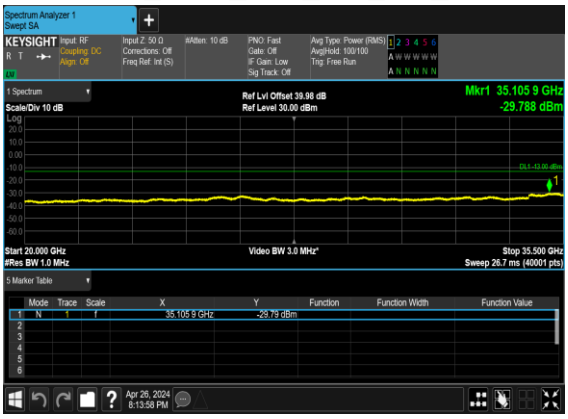
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



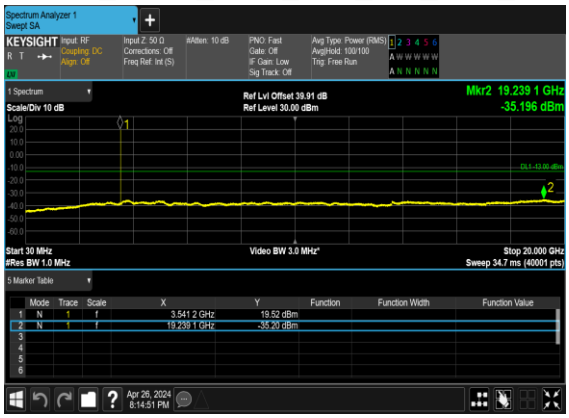
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



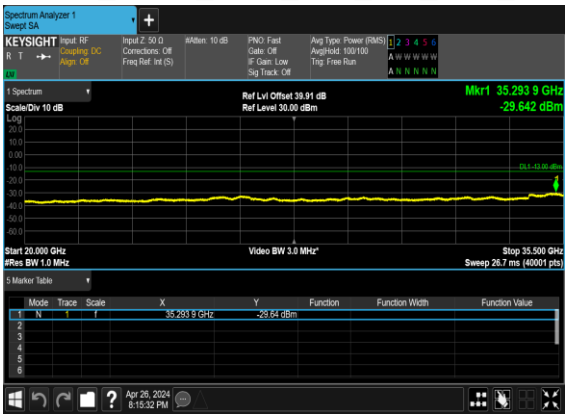
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



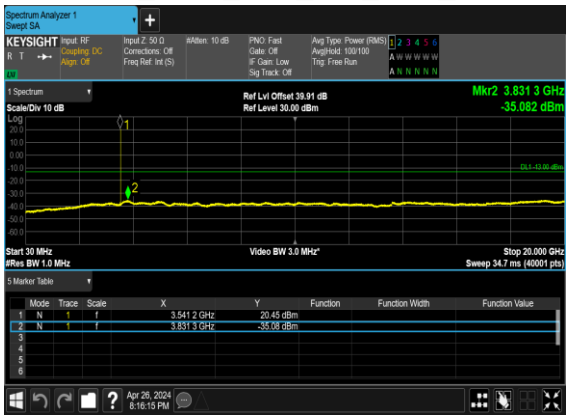
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



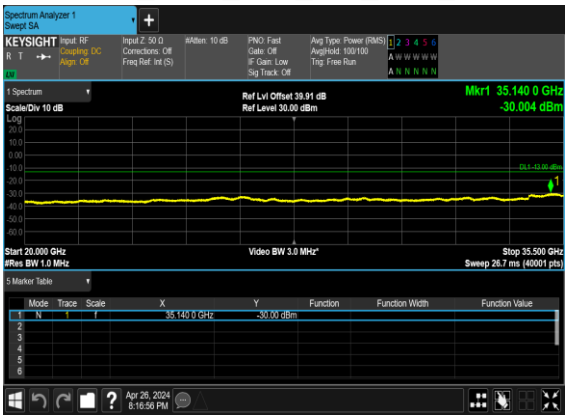
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



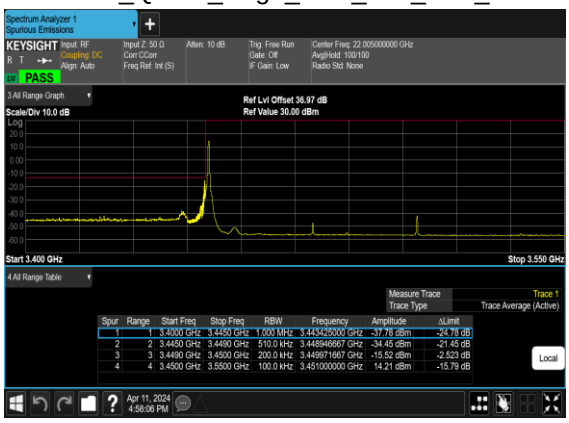
N77(10M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



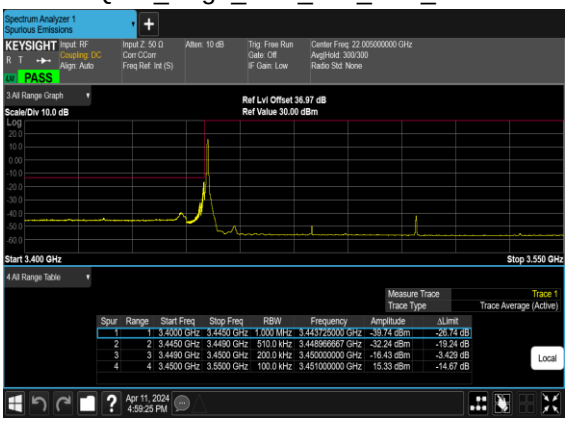
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	60	632000	3480.0	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM QPSK	162@0	see graph	**PASS**
77	30	60	632000	3480.0	CP-OFDM 16 QAM	162@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM QPSK	1@161	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM 16 QAM	1@161	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM QPSK	162@0	see graph	**PASS**
77	30	60	634666	3519.99	CP-OFDM 16 QAM	162@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	1@272	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	1@272	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM QPSK	273@0	see graph	**PASS**
77	30	100	633334	3500.01	CP-OFDM 16 QAM	273@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM 16 QAM	1@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	630334	3455.01	CP-OFDM 16 QAM	24@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	1@23	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM 16 QAM	1@23	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM QPSK	24@0	see graph	**PASS**
77	30	10	636332	3544.98	CP-OFDM 16 QAM	24@0	see graph	**PASS**

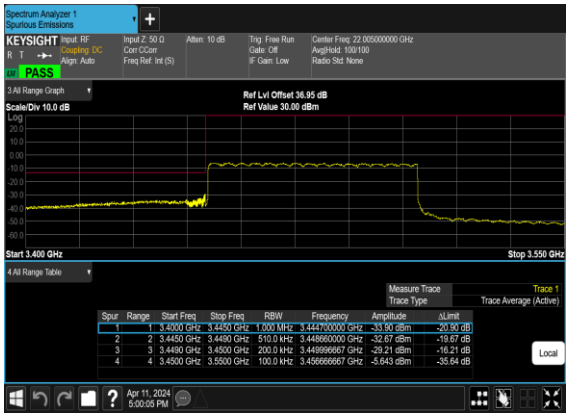
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



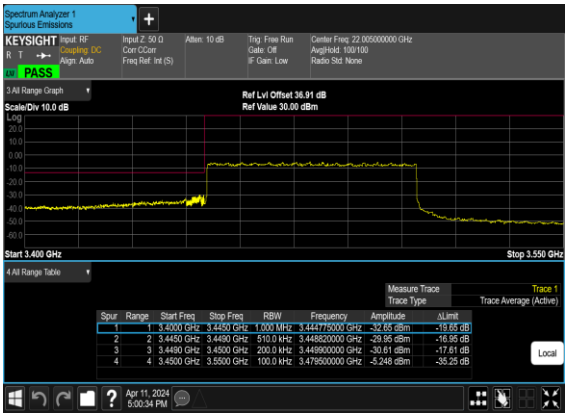
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



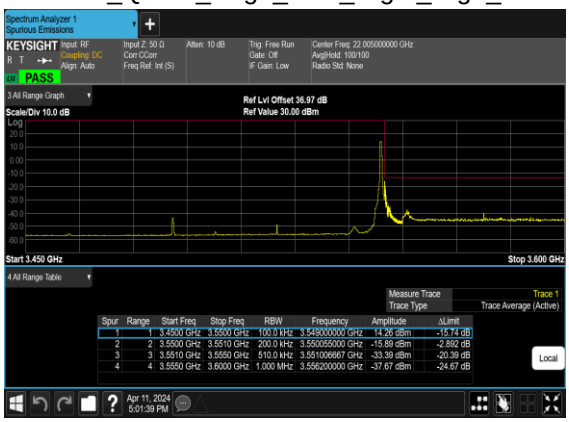
N77(60M)_CP-OFDM_QPSK_Outer_Full_Low_CH



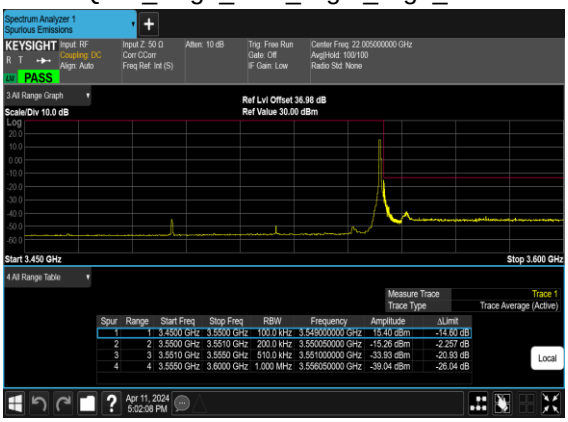
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



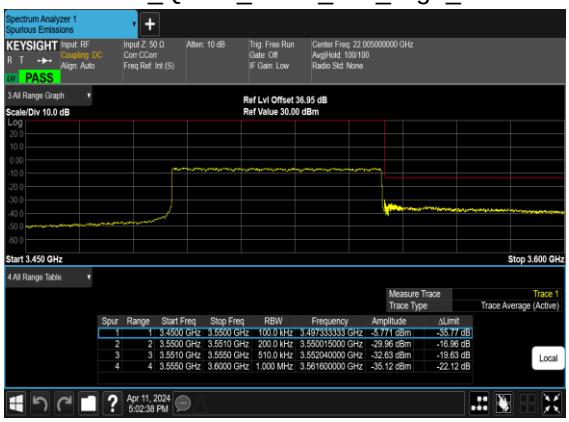
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



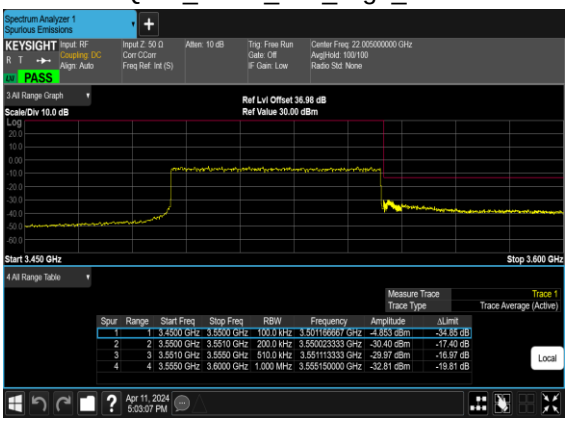
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH



N77(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



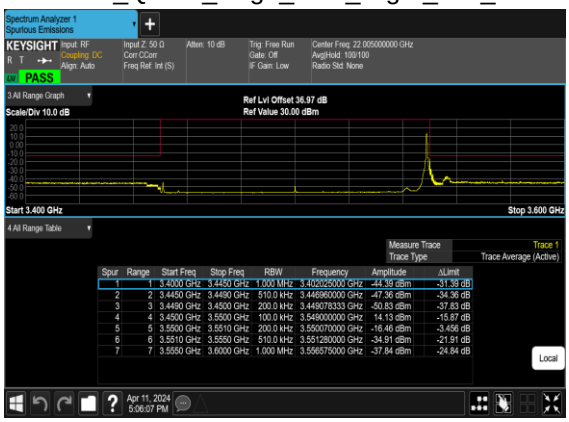
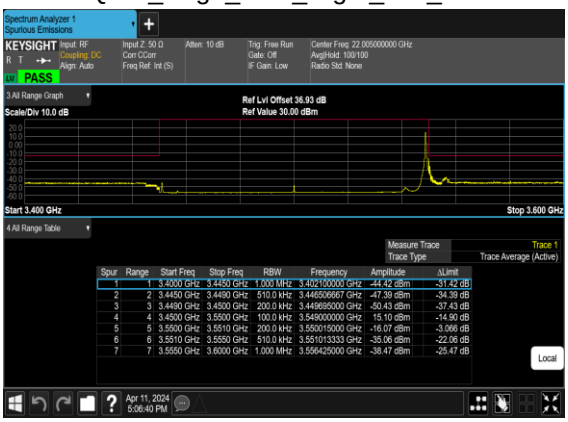
N77(60M)_CP-OFDM_16 QAM_Outer_Full_High_CH



N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH