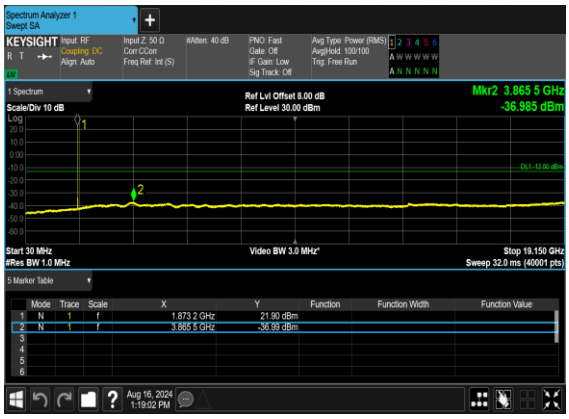
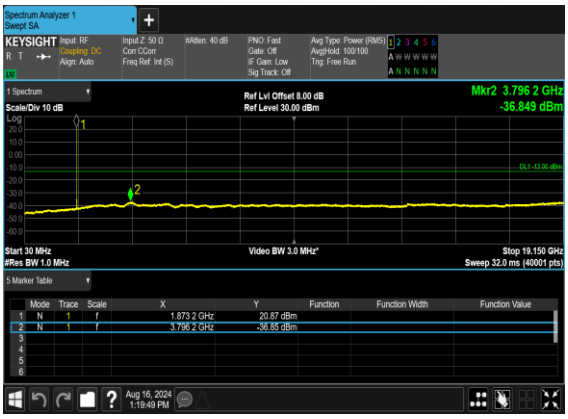
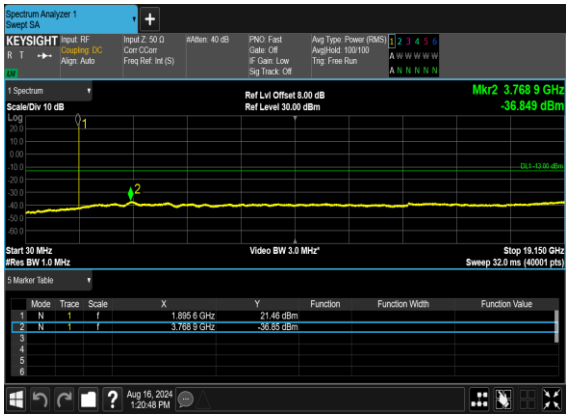
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



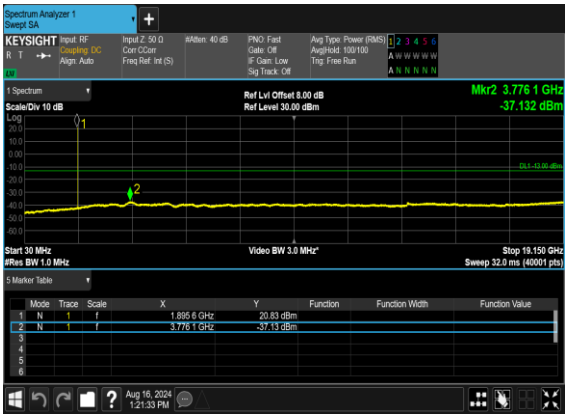
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



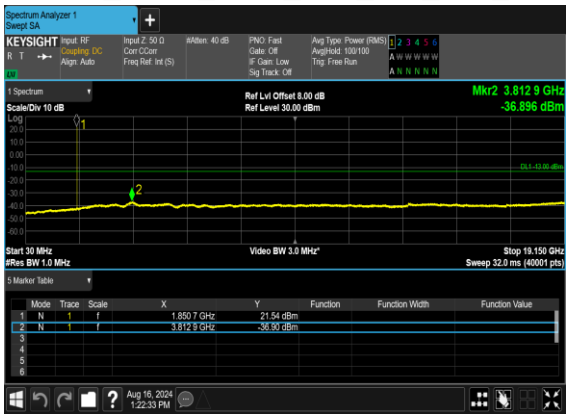
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



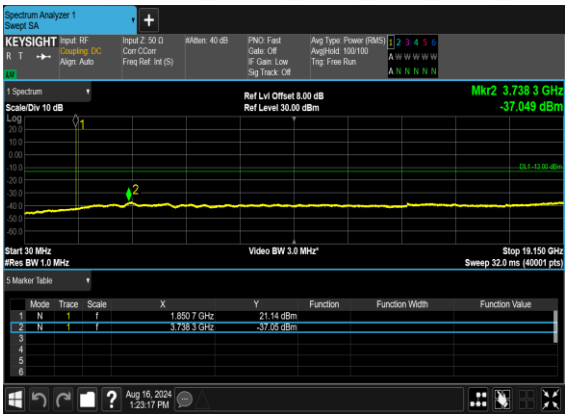
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



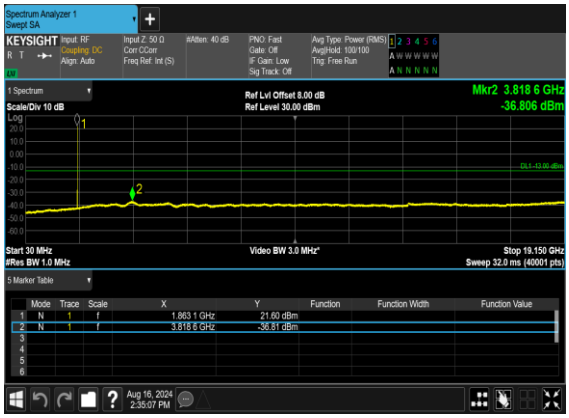
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



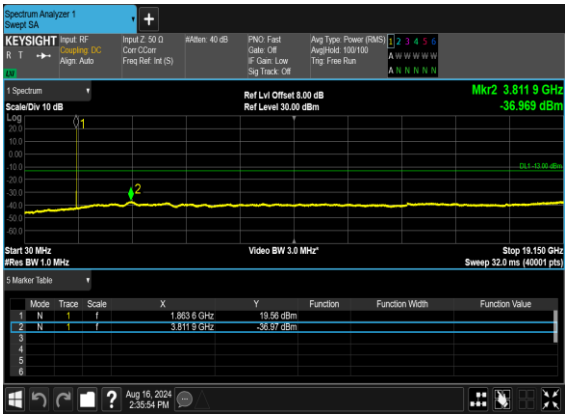
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



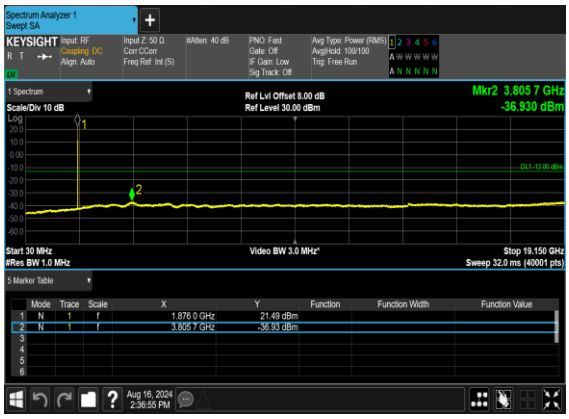
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



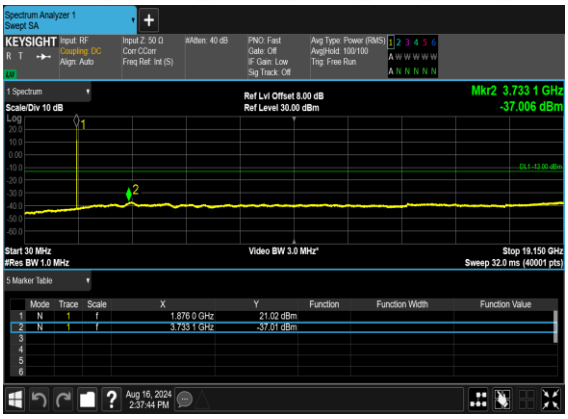
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

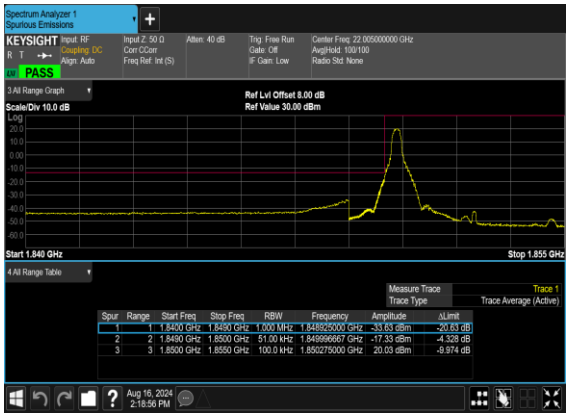


Conducted Band Edge

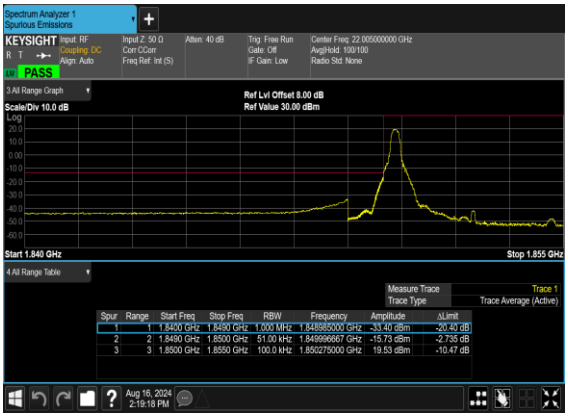
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	**PASS**
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	**PASS**
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	**PASS**
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	**PASS**

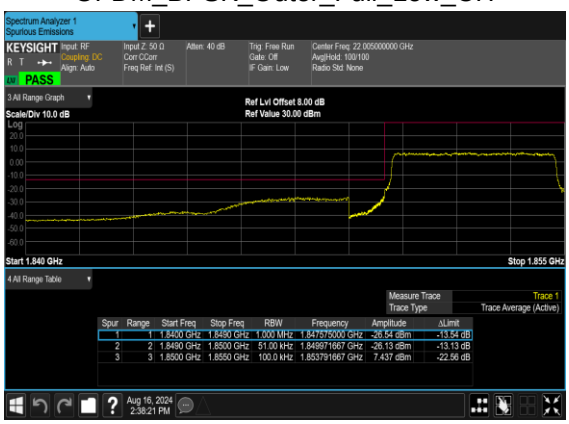
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



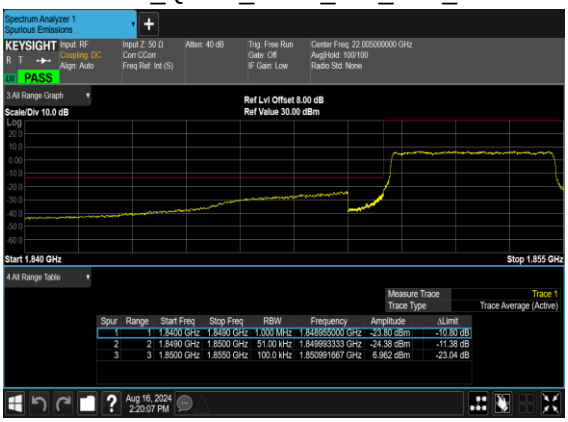
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



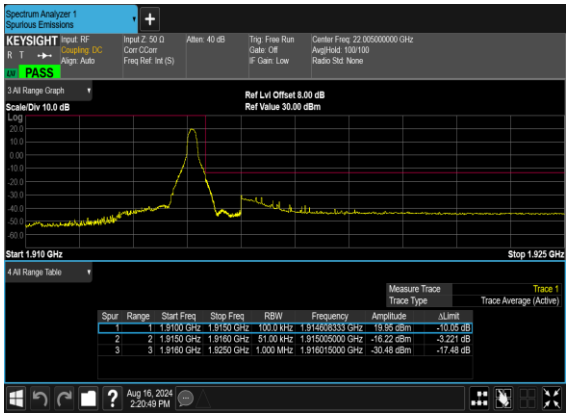
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



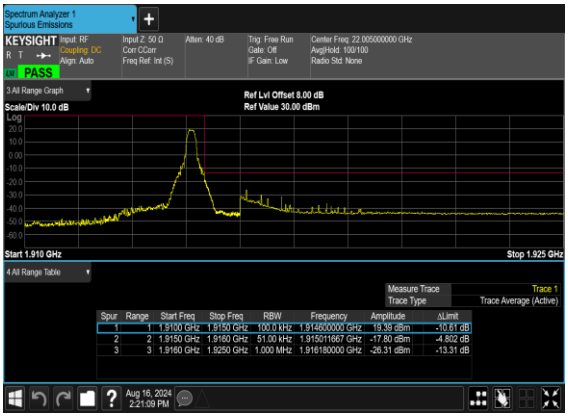
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



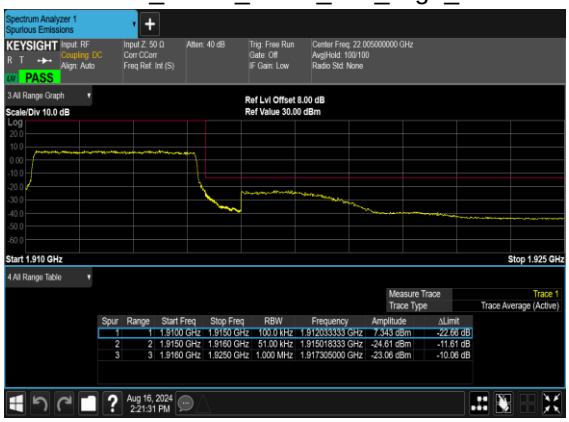
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



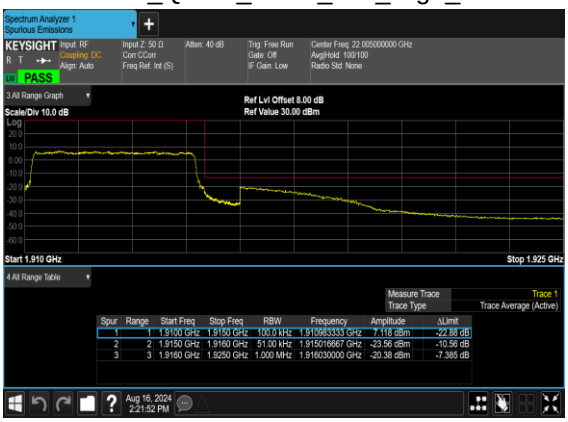
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



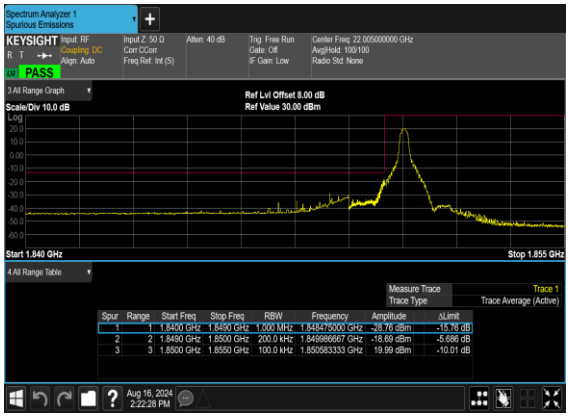
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



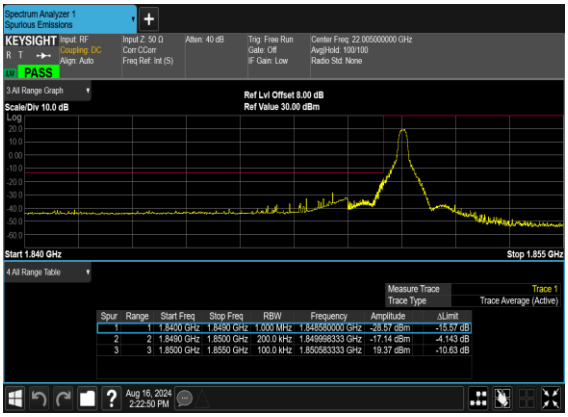
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



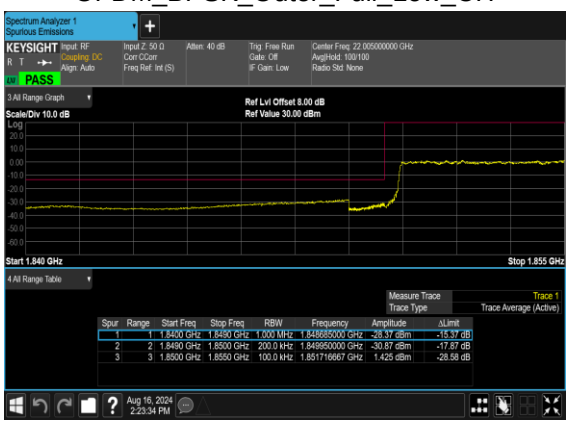
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



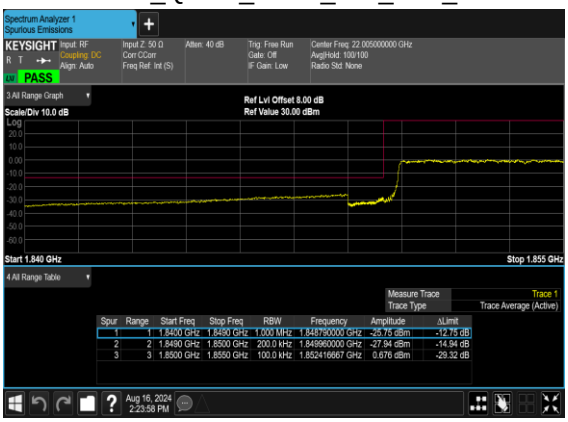
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



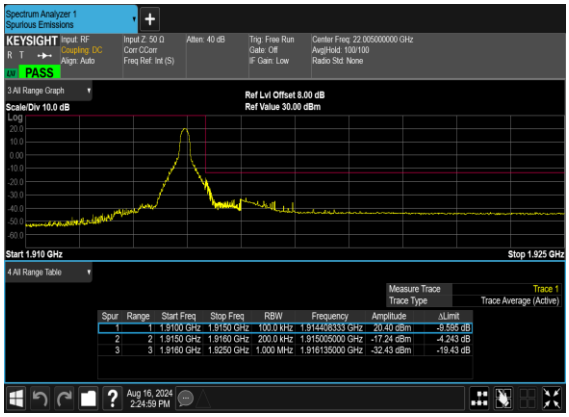
N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



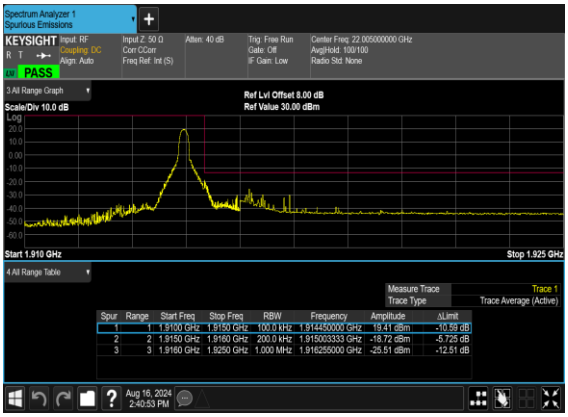
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



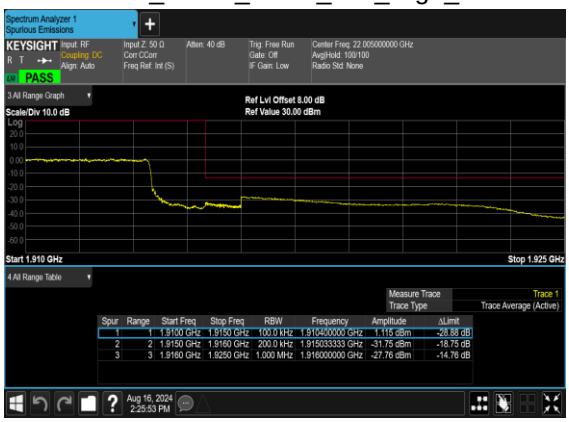
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



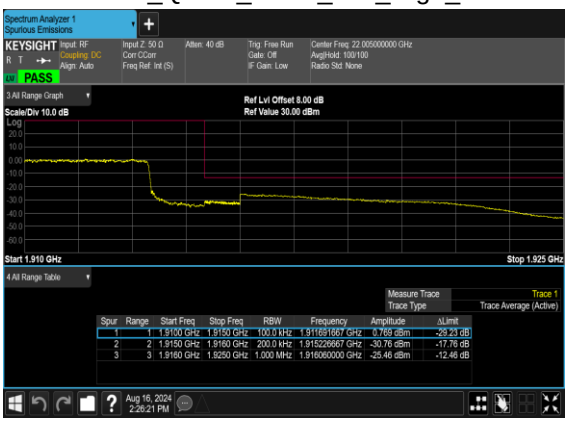
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



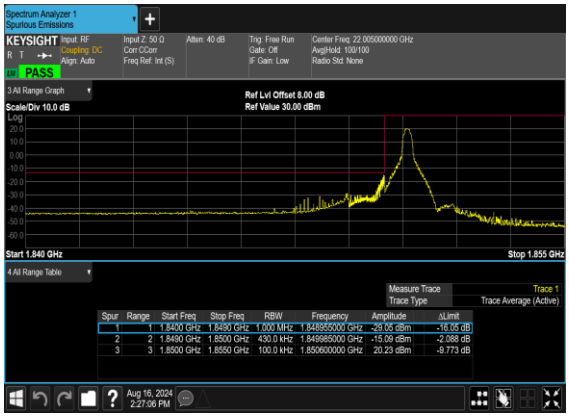
N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



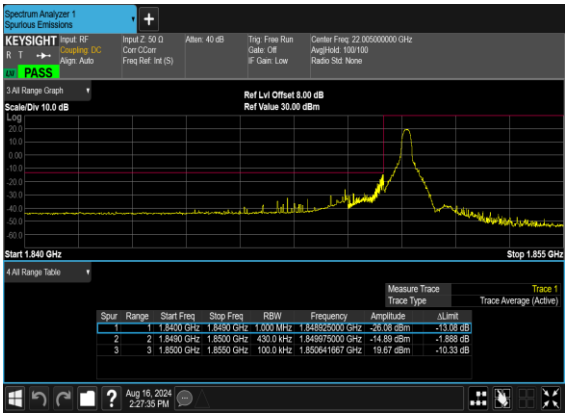
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



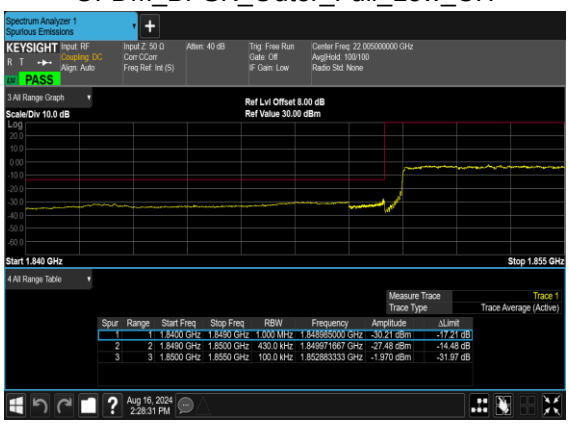
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



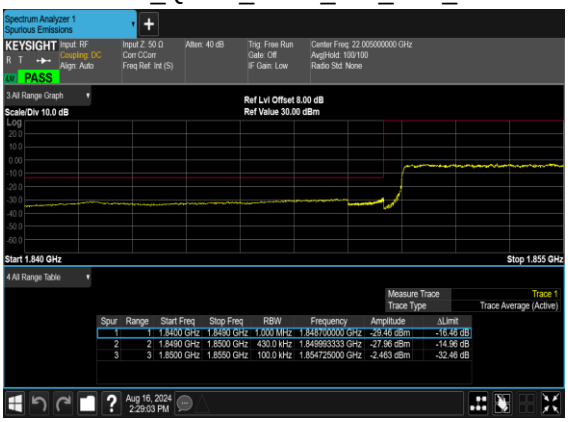
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



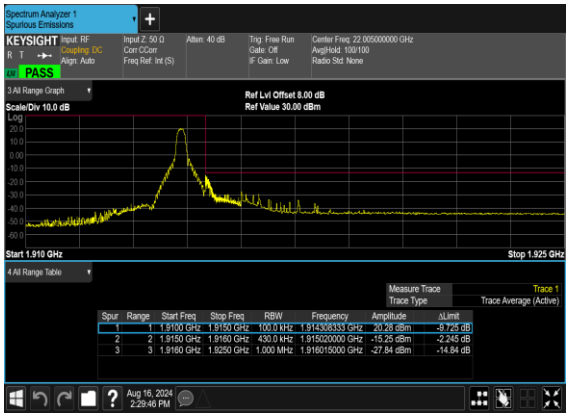
N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



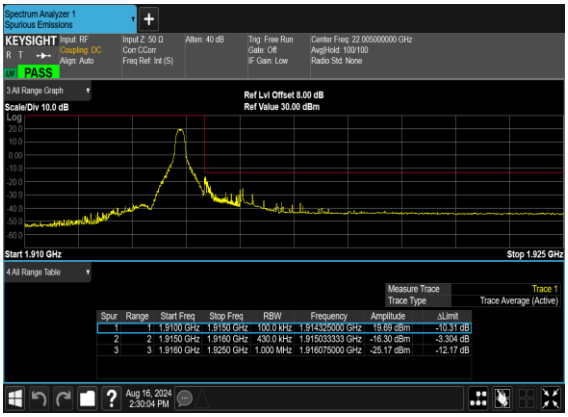
N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602

FR1 N26 ANT0

Transmitter Conducted Output Power And ERP, (G_T - L_C)=5.0dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.82	26.67	0.4645
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.9	25.75	0.3758
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.63	26.48	0.4446
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.79	25.64	0.3664
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.51	26.36	0.4325
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.57	25.42	0.3483
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.81	26.66	0.4634
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.93	25.78	0.3784
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.73	26.58	0.4550
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.82	25.67	0.3690
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.57	26.42	0.4385
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.58	25.43	0.3491
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.88	26.73	0.4710
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.96	25.81	0.3811
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.84	26.69	0.4667
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.88	25.73	0.3741
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.73	26.58	0.4550
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.69	25.54	0.3581
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.7	26.55	0.4519
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.68	26.53	0.4498
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.47	26.32	0.4285
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.75	26.6	0.4571
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.64	26.49	0.4457
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.46	26.31	0.4276
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.6	25.45	0.3508
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.79	25.64	0.3664
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.58	25.43	0.3491
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	21.22	24.07	0.2553
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	21.34	24.19	0.2624
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	21.04	23.89	0.2449
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	19.15	22	0.1585
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.41	22.26	0.1683
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.71	21.56	0.1432
26	15	20	166800	834	CP-OFDM QPSK	53@26	22.23	25.08	0.3221
26	15	20	166800	834	CP-OFDM QPSK	1@1	22.45	25.3	0.3388

26	15	20	166800	834	CP-OFDM QPSK	1@104	22.17	25.02	0.3177
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.75	26.6	0.4571
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.85	26.7	0.4677
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.49	26.34	0.4305
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.73	26.58	0.4550
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.89	26.74	0.4721
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.6	26.45	0.4416
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.75	25.6	0.3631
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.9	25.75	0.3758
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.68	25.53	0.3573
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.16	24.01	0.2518
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.42	24.27	0.2673
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	21.06	23.91	0.2460
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.05	21.9	0.1549
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.04	21.89	0.1545
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	18.77	21.62	0.1452
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.23	25.08	0.3221
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.33	25.18	0.3296
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	22.34	25.19	0.3304
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.66	26.51	0.4477
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.68	26.53	0.4498
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.52	26.37	0.4335
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.73	26.58	0.4550
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.55	26.4	0.4365
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.6	26.45	0.4416
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.54	25.39	0.3459
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.8	25.65	0.3673
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.57	25.42	0.3483
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.33	24.18	0.2618
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	21.26	24.11	0.2576
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	21.1	23.95	0.2483
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.06	21.91	0.1552
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	19.01	21.86	0.1535
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	18.73	21.58	0.1439
26	15	20	167800	839	CP-OFDM QPSK	53@26	22.37	25.22	0.3327
26	15	20	167800	839	CP-OFDM QPSK	1@1	22.28	25.13	0.3258
26	15	20	167800	839	CP-OFDM QPSK	1@104	22.03	24.88	0.3076

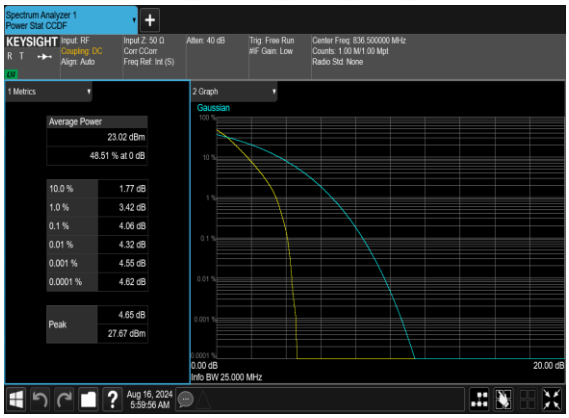
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	**PASS**	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0103	**PASS**	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0001	**PASS**	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0014	**PASS**	-30℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0067	**PASS**	-20℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0077	**PASS**	-10℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0071	**PASS**	0℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0085	**PASS**	10℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	**PASS**	20℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0037	**PASS**	30℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0073	**PASS**	40℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	50℃

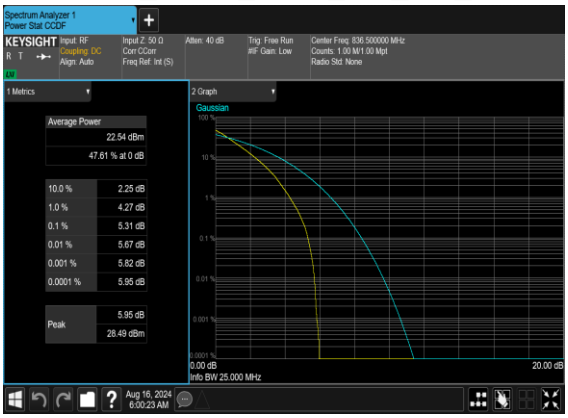
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.06	13	**PASS**
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.31	13	**PASS**

N26(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



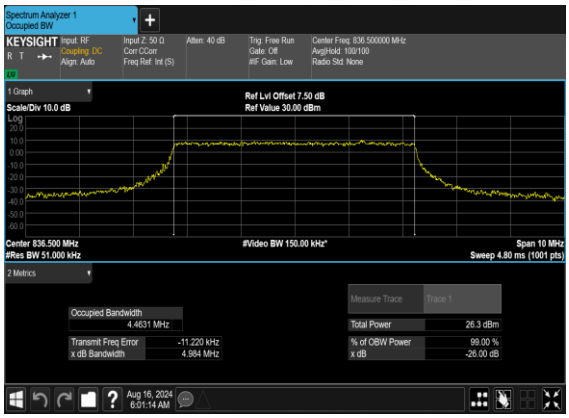
N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



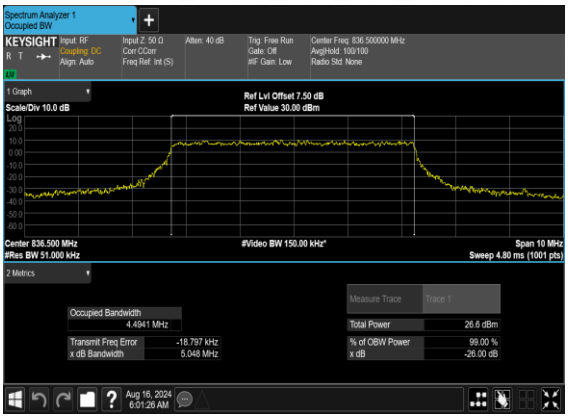
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4631	4.984
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4941	5.048
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4573	4.941
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4788	5.0
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2615	10.06
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2874	9.992
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.262	9.895
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.283	9.943
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.089	14.83
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.091	14.88
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.117	14.84
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.071	14.9
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.94	19.82
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.945	19.94
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.895	19.69
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.924	19.97

N26(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

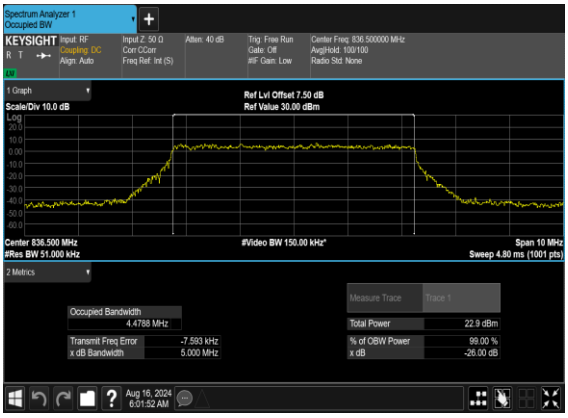


N26(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

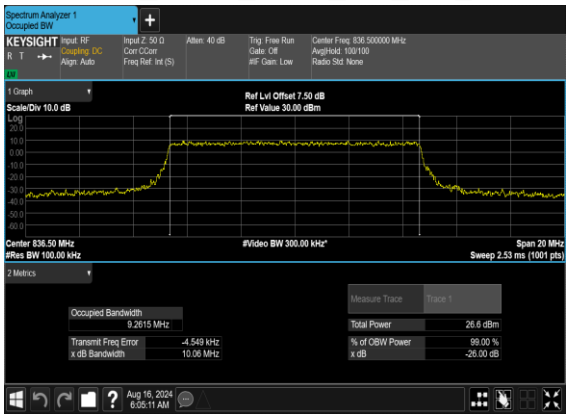


N26(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N26(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

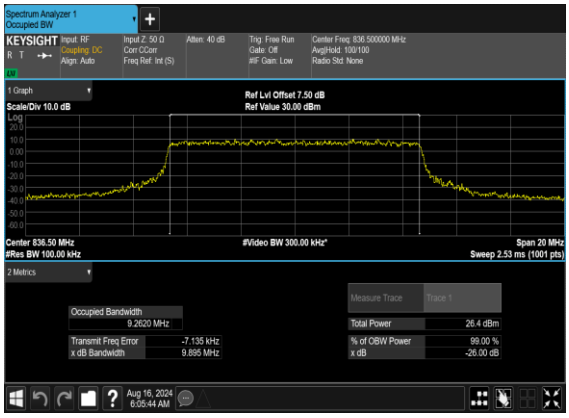


N26(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

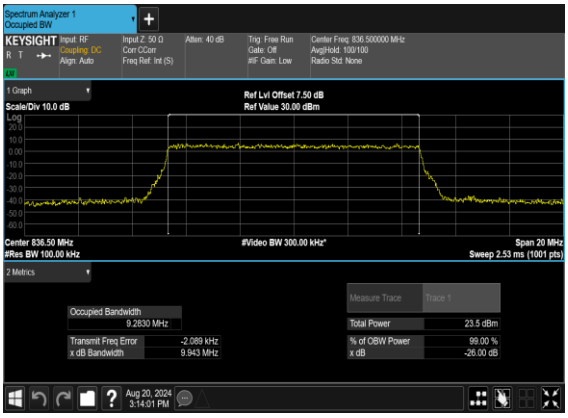


N26(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

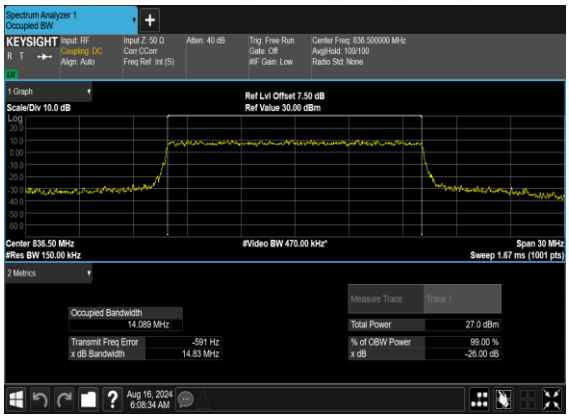
N26(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



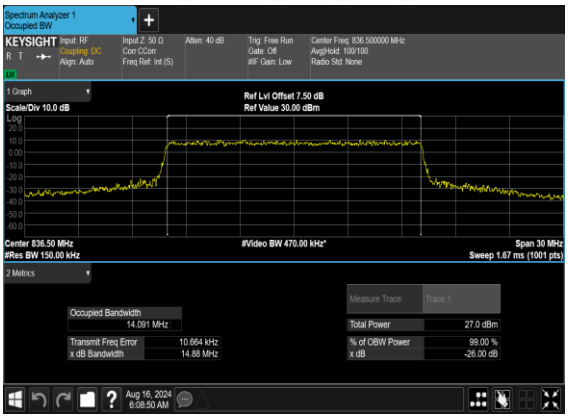
N26(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N26(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

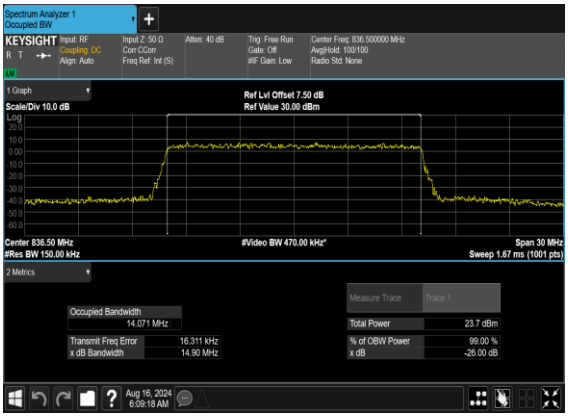


N26(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

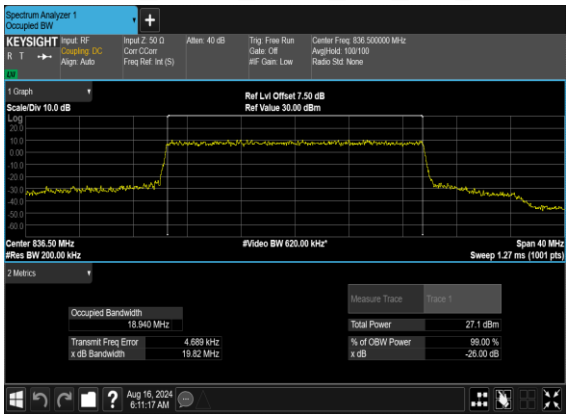


N26(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N26(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



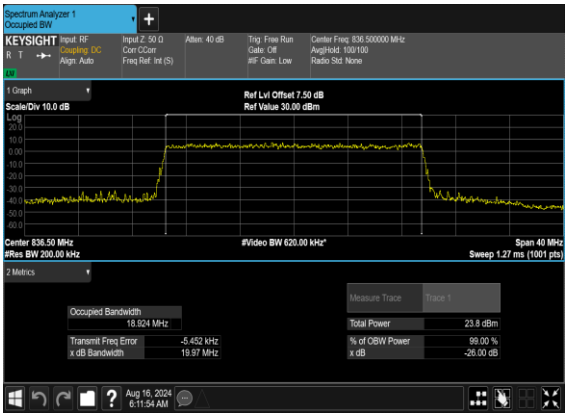
N26(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N26(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N26(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N26(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

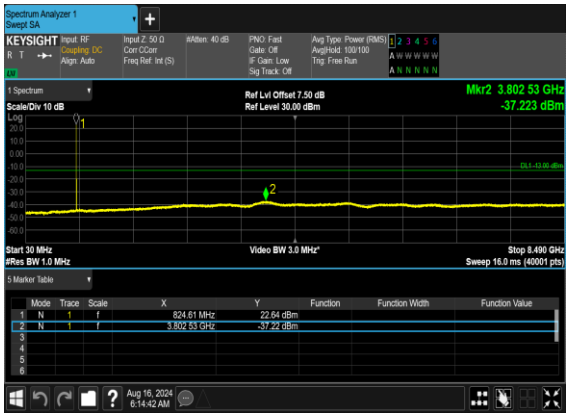


Conducted Spurious Emissions

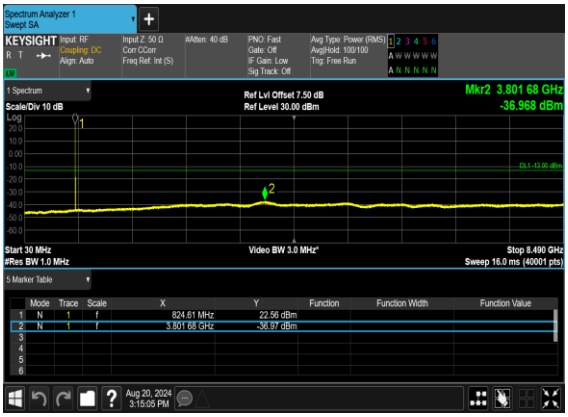
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**---**

26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

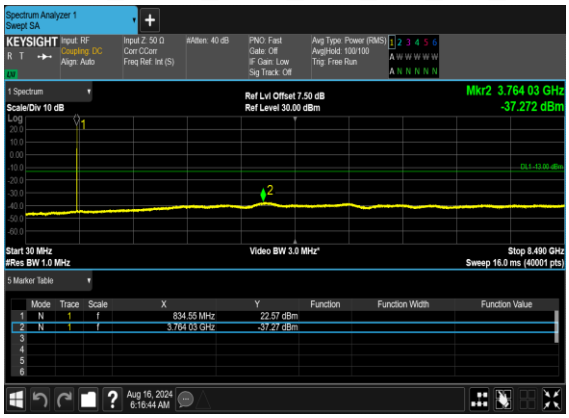
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



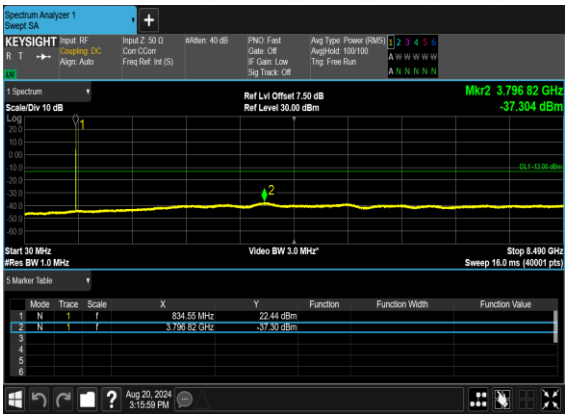
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



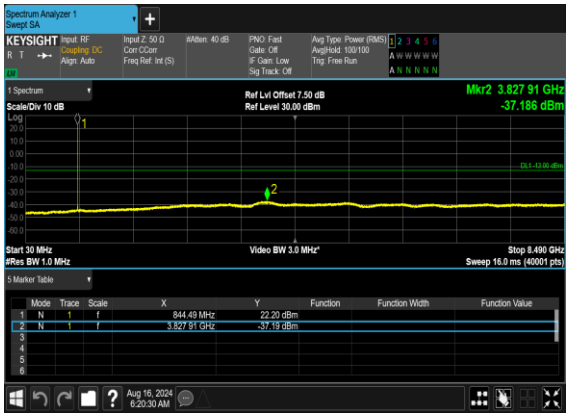
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



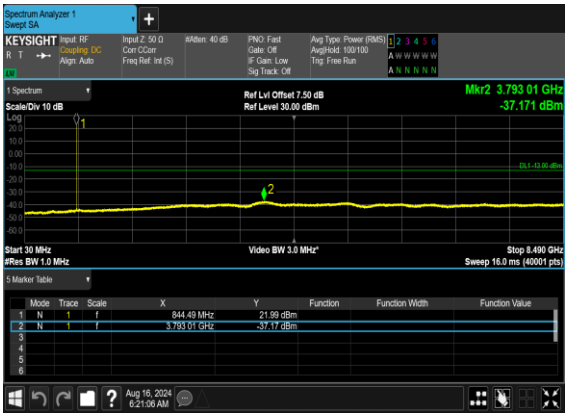
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



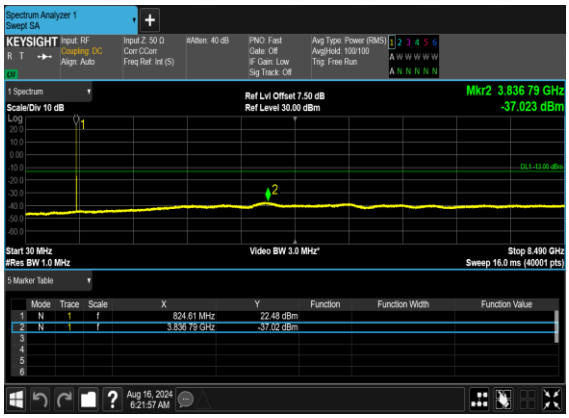
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



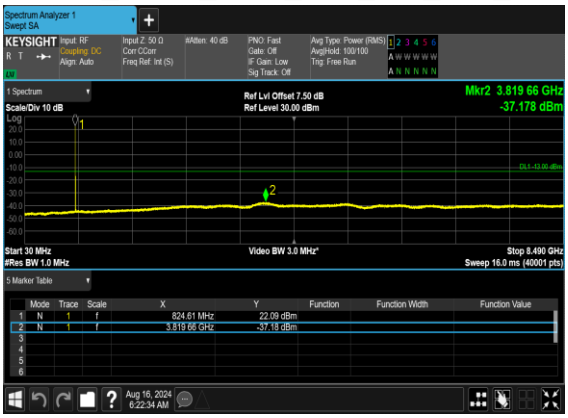
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



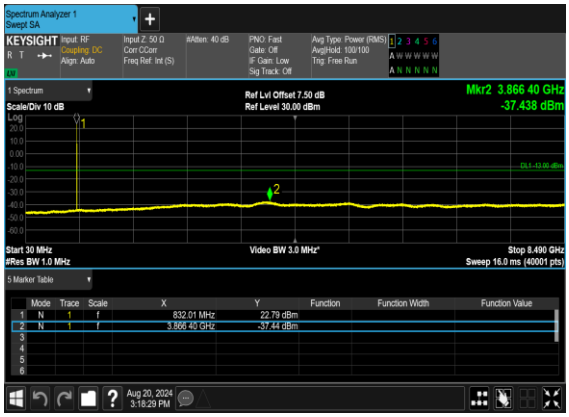
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



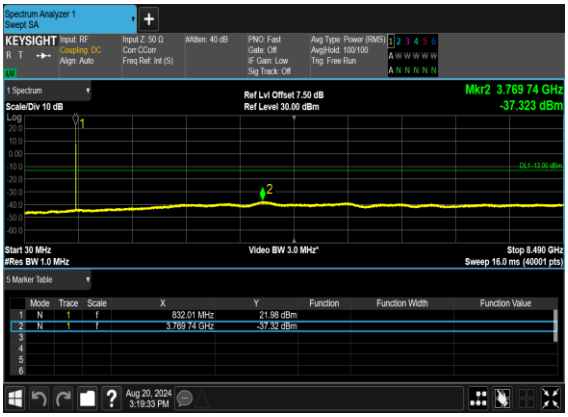
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



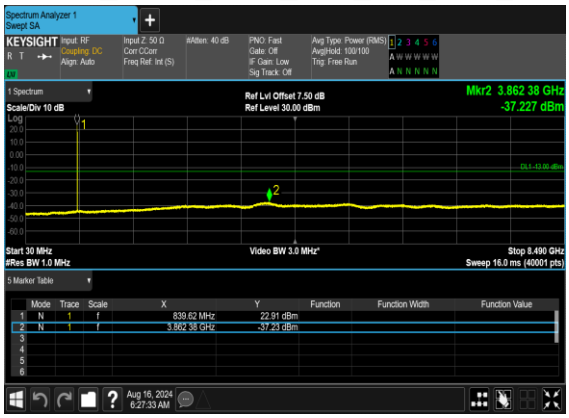
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



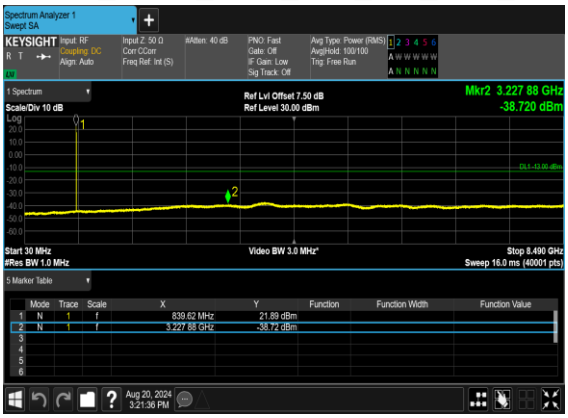
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



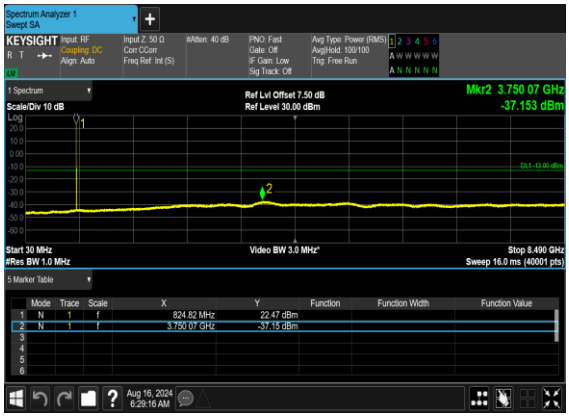
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



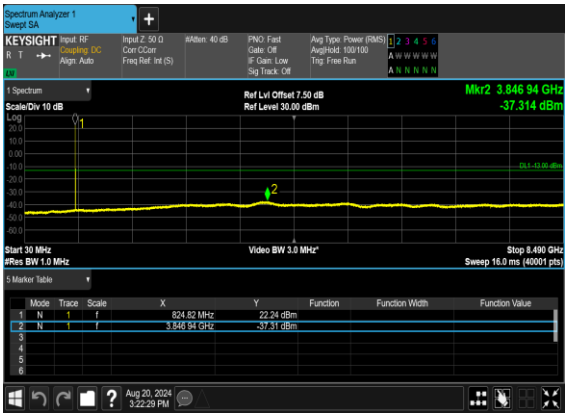
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



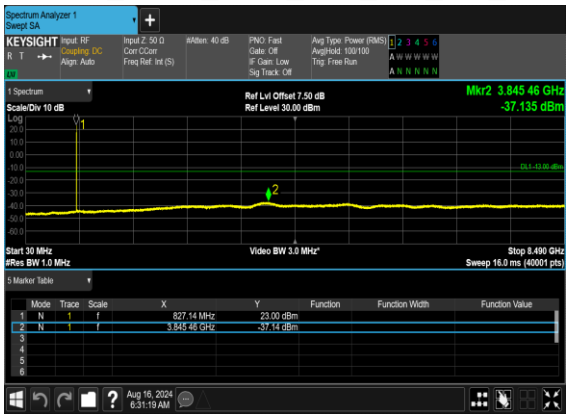
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



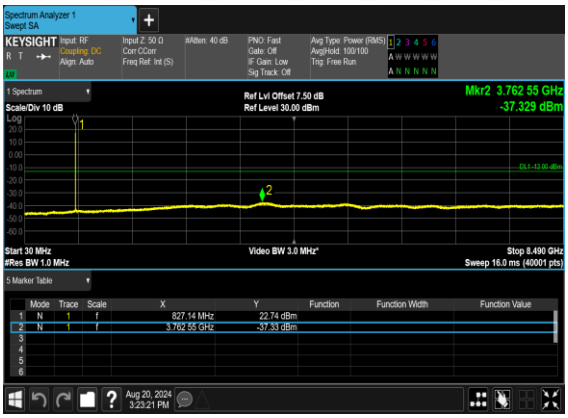
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



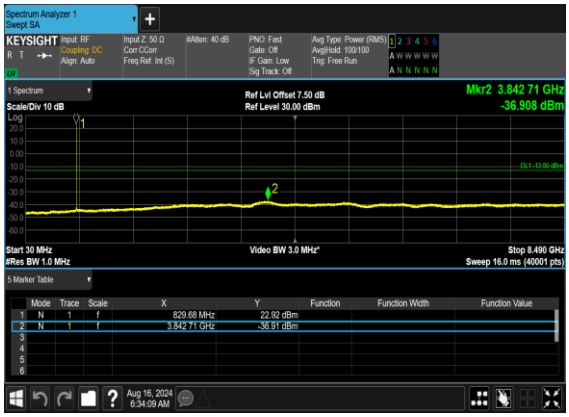
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



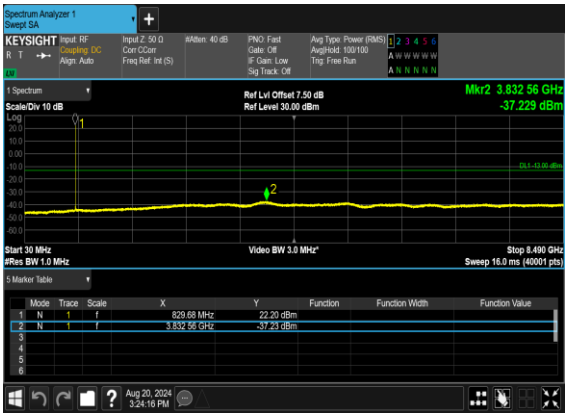
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

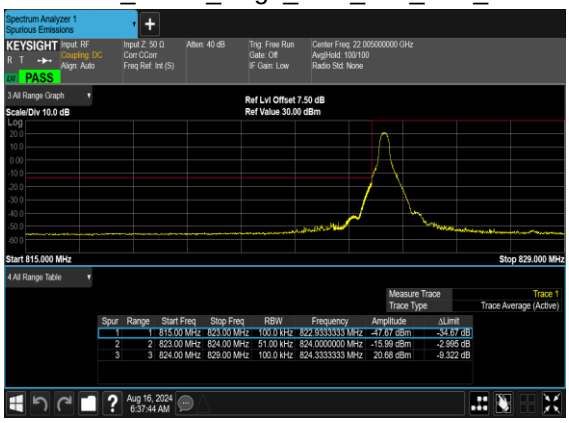


Conducted Band Edge

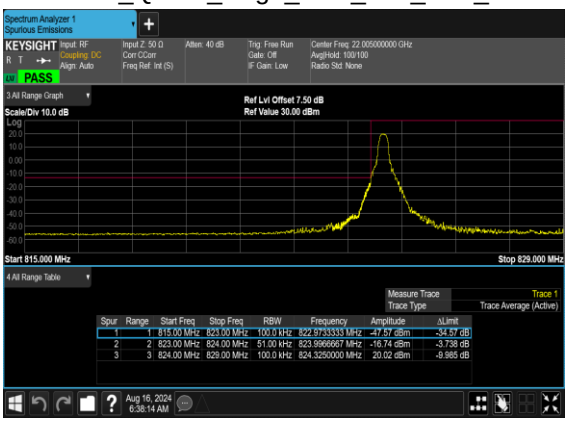
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**

26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

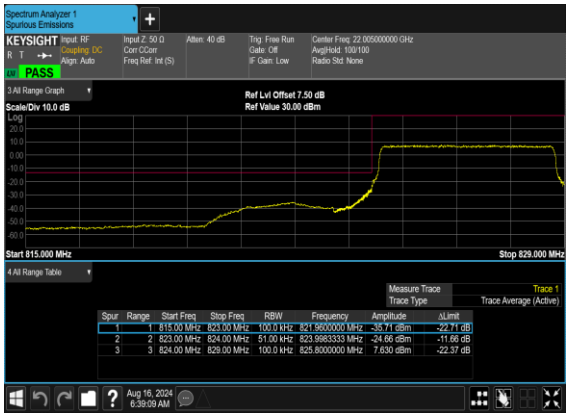
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



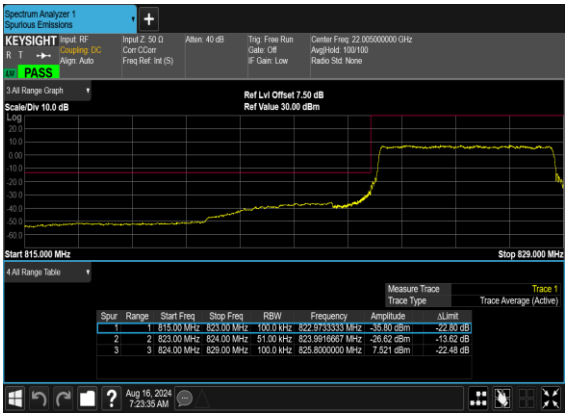
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



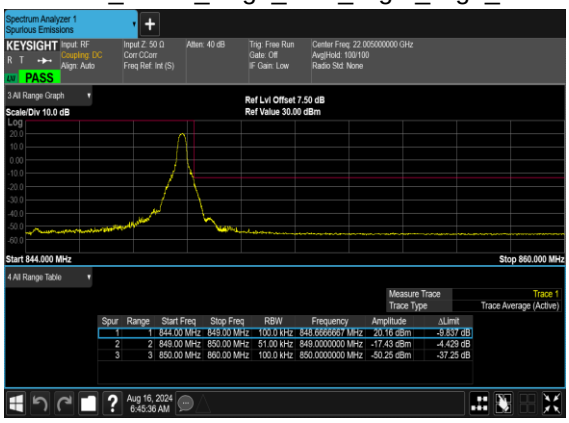
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



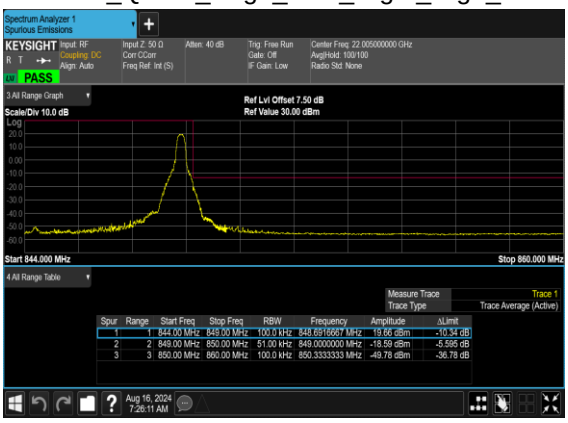
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



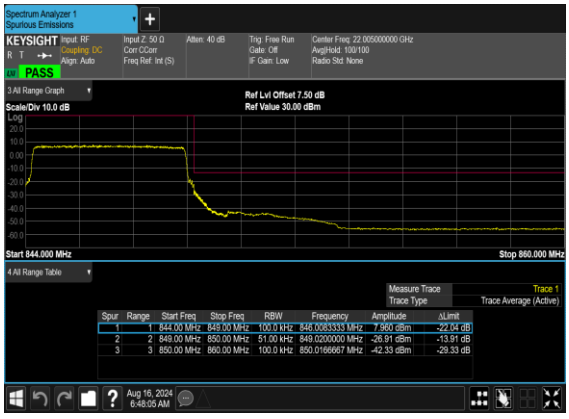
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



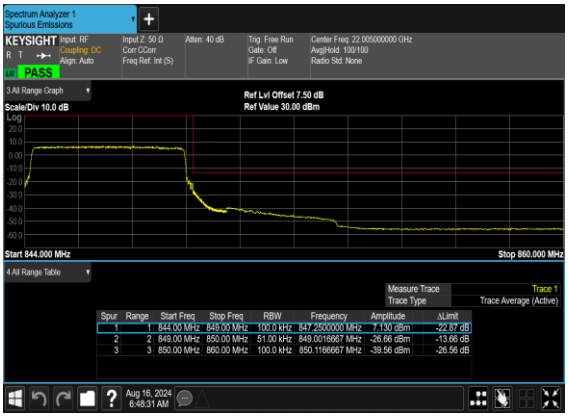
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



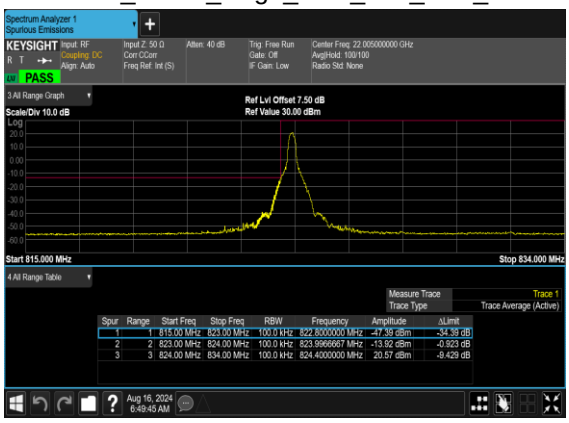
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



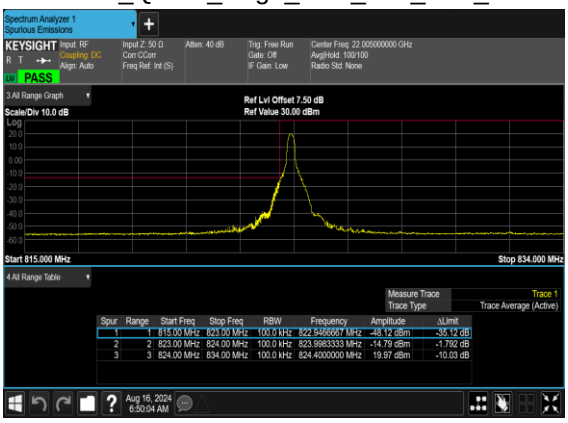
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



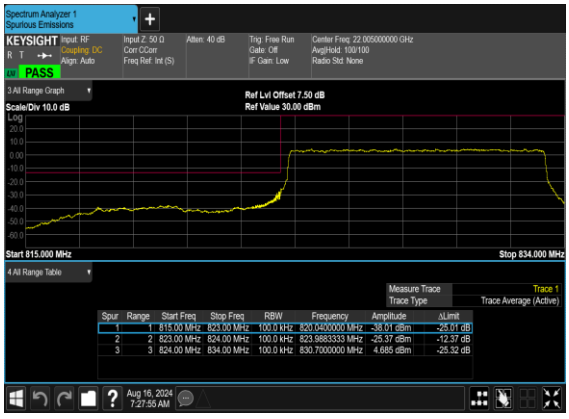
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



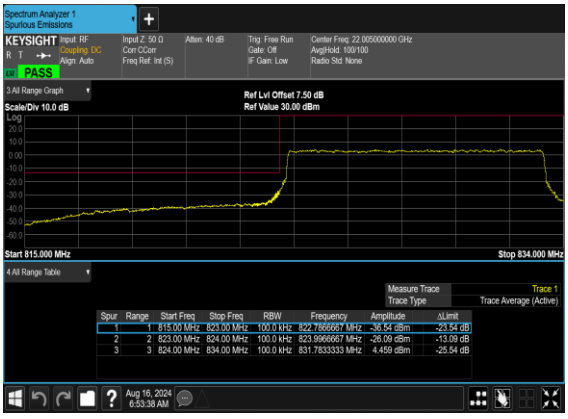
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



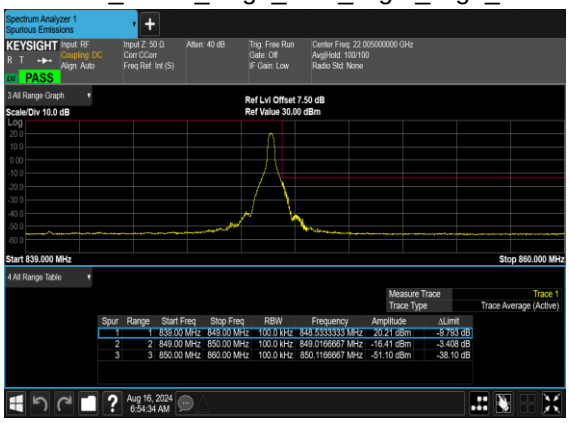
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



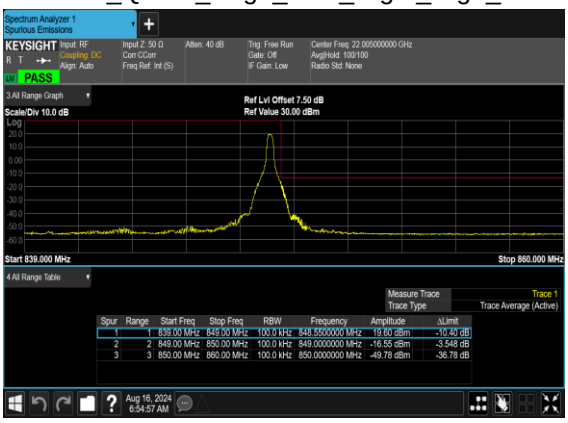
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



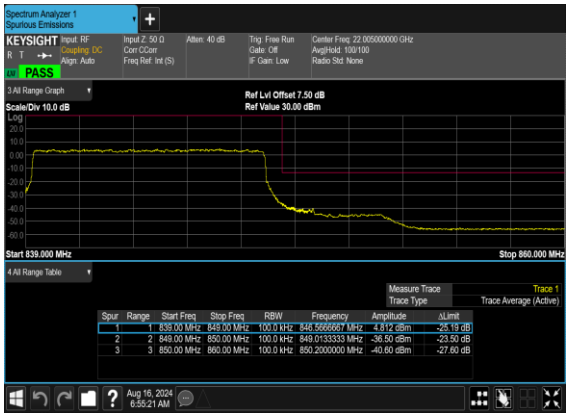
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



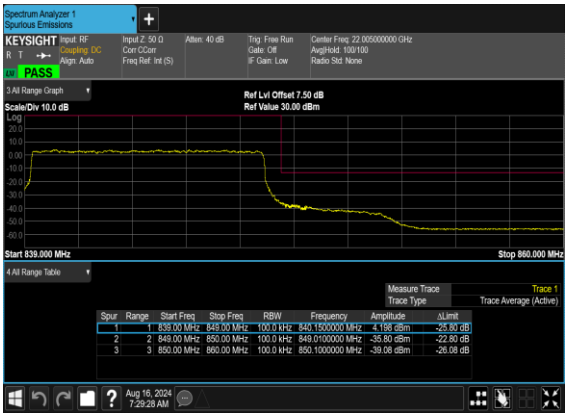
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



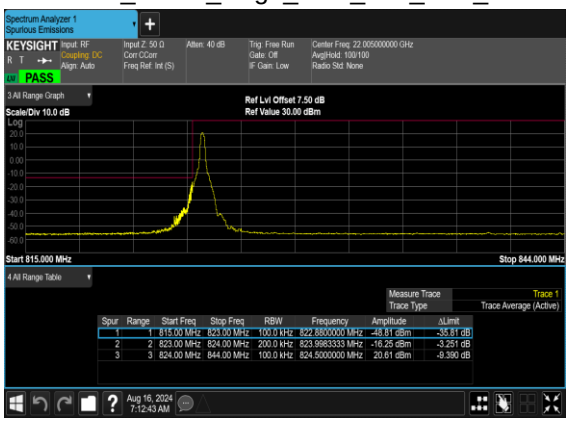
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



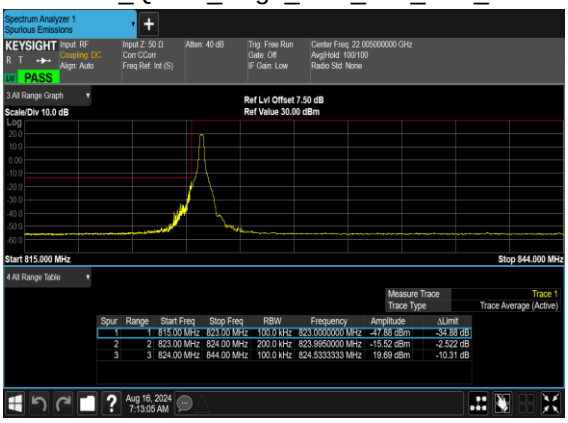
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

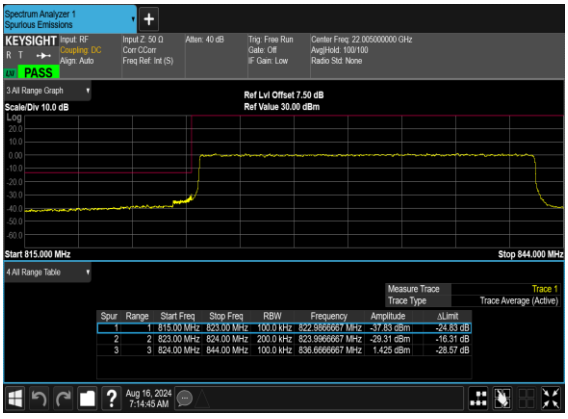


N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

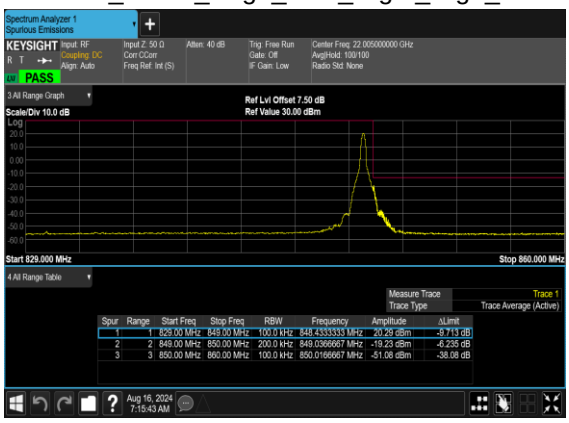


N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

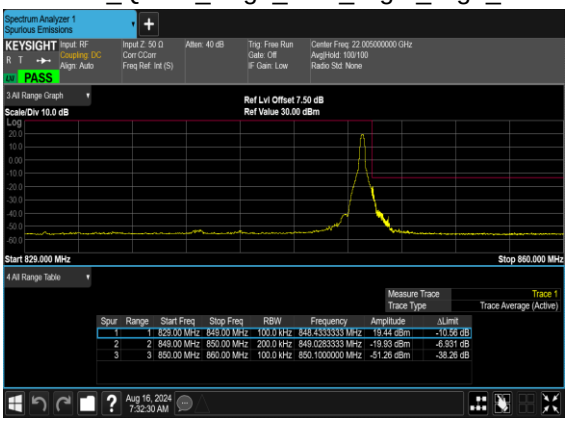
N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



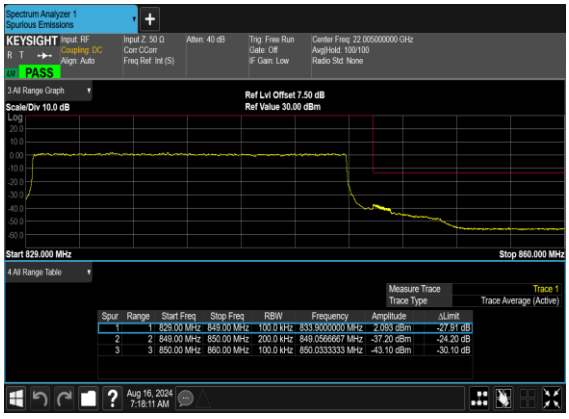
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



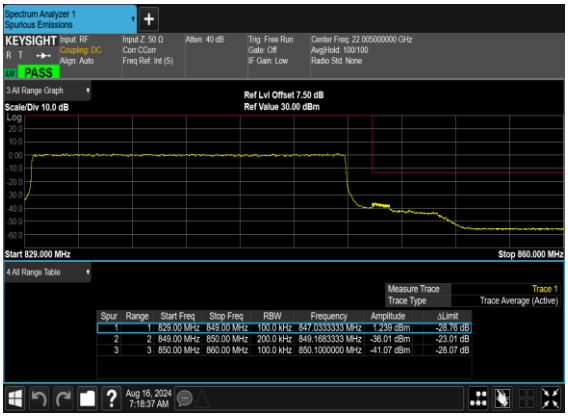
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25℃
		Relative Humidity :	48~52%

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

n25 SA / NR 40MHz / QPSK(ANT0)									
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	3728.8	-61.78	-13	-48.78	-80.34	-68.53	5.85	12.60	H
	5593.2	-60.05	-13	-47.05	-82.40	-65.85	7.30	13.10	H
	7457.6	-55.27	-13	-42.27	-82.23	-58.42	8.35	11.50	H
	3728.8	-61.67	-13	-48.67	-80.15	-68.42	5.85	12.60	V
	5593.2	-59.89	-13	-46.89	-82.43	-65.69	7.30	13.10	V
	7457.6	-55.17	-13	-42.17	-82.13	-58.32	8.35	11.50	V

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

EN-DC_30A_n2A / LTE 10MHz + NR 40MHz / QPSK (ANT0+1) –other PA									
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 n2 Middle	3722	-65.32	-13	-52.32	-61.51	-72.07	5.85	12.60	H
	5583	-58.83	-13	-45.83	-58.77	-64.63	7.30	13.10	H
	7444	-58.35	-13	-45.35	-64.23	-61.50	8.35	11.50	H
	3722	-65.34	-13	-52.34	-61.44	-72.09	5.85	12.60	V
	5583	-53.74	-13	-40.74	-53.87	-59.54	7.30	13.10	V
	7444	-54.80	-13	-41.80	-60.69	-57.95	8.35	11.50	V
LTE Band30 Middle	4610.80	-62.98	-40	-22.98	-62.34	-69.23	6.45	12.70	H
	6916.20	-60.52	-40	-20.52	-64.91	-63.92	8.40	11.80	H
	9221.60	-55.24	-40	-15.24	-66.85	-57.59	9.65	12.00	H
	4610.80	-62.43	-40	-22.43	-62.17	-68.68	6.45	12.70	V
	6916.20	-60.20	-40	-20.20	-65.07	-63.60	8.40	11.80	V
	9221.60	-56.05	-40	-16.05	-66.84	-58.40	9.65	12.00	V

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

n26 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (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	1655	-65.32	-13	-52.32	-75.25	-68.57	4.00	9.40	H
	2482.5	-63.27	-13	-50.27	-77.76	-66.84	4.88	10.60	H
	3310	-62.30	-13	-49.30	-78.63	-67.23	5.52	12.60	H
	1655	-66.44	-13	-53.44	-75.97	-69.69	4.00	9.40	V
	2482.5	-63.04	-13	-50.04	-77.50	-66.61	4.88	10.60	V
	3310	-62.54	-13	-49.54	-78.65	-67.47	5.52	12.60	V

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

EN-DC_30A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT0+1) –other PA									
Channel	Frequency (MHz)	ERP (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 n5 Middle	1655	-62.62	-13	-49.62	-72.55	-65.87	4.00	9.40	H
	2482.5	-61.72	-13	-48.72	-76.21	-65.29	4.88	10.60	H
	3310	-65.54	-13	-52.54	-59.67	-70.47	5.52	12.60	H
	1655	-65.15	-13	-52.15	-74.68	-68.40	4.00	9.40	V
	2482.5	-62.00	-13	-49.00	-76.46	-65.57	4.88	10.60	V
	3310	-65.52	-13	-52.52	-59.43	-70.45	5.52	12.60	V
LTE Band30 Middle	4610.80	-62.83	-40	-22.83	-62.19	-69.08	6.45	12.70	H
	6916.20	-60.51	-40	-20.51	-64.90	-63.91	8.40	11.80	H
	9221.60	-55.12	-40	-15.12	-66.73	-57.47	9.65	12.00	H
	4610.80	-62.35	-40	-22.35	-62.09	-68.60	6.45	12.70	V
	6916.20	-60.02	-40	-20.02	-64.89	-63.42	8.40	11.80	V
	9221.60	-55.96	-40	-15.96	-66.75	-58.31	9.65	12.00	V

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