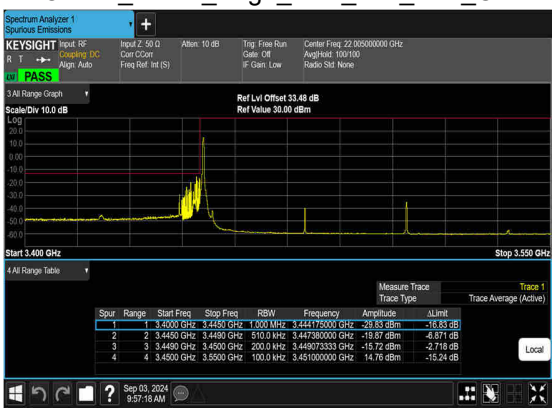
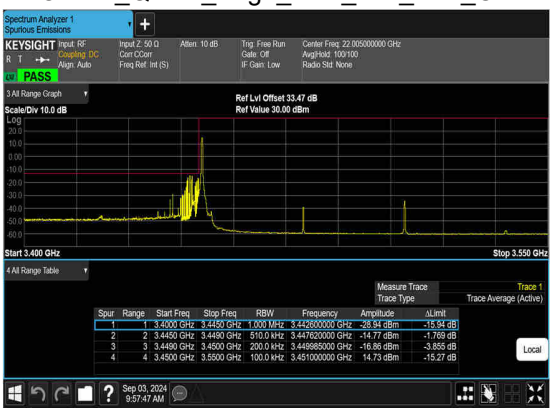
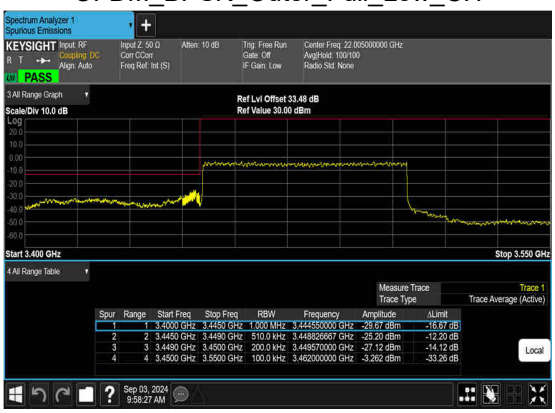
N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



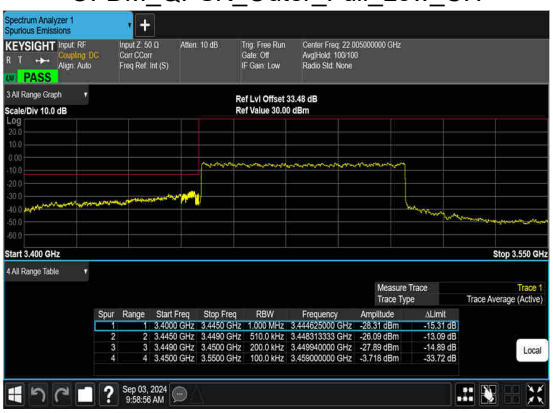
N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

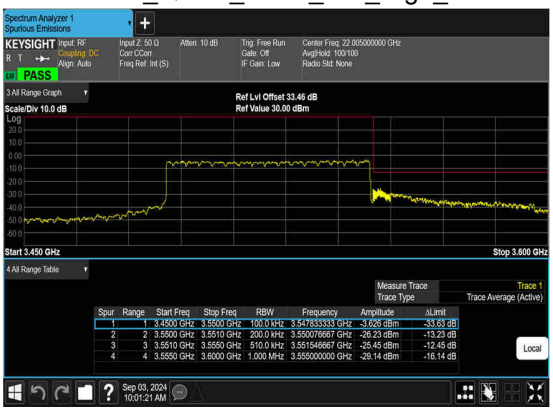


N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

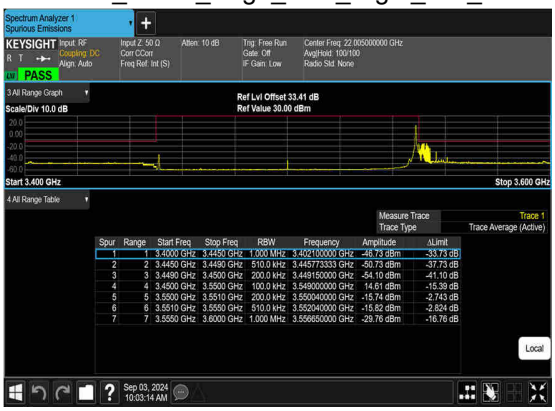
N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

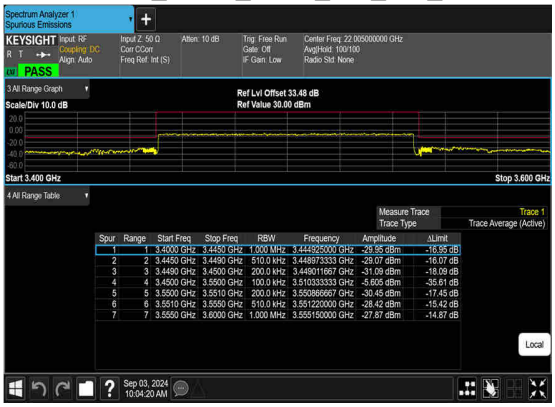
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

FR1 N78

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.05dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	10	630334	3455.01	DFT-s-OFDM PI/2 BPSK	1@1	23.81	21.76	0.1500
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	23.79	21.74	0.1493
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	23.16	21.11	0.1291
78	30	10	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.72	21.67	0.1469
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.7	21.65	0.1462
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.86	20.81	0.1205
78	30	10	636332	3544.98	DFT-s-OFDM PI/2 BPSK	1@1	24.22	22.17	0.1648
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	24.19	22.14	0.1637
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	23.33	21.28	0.1343
78	30	15	630500	3457.5	DFT-s-OFDM PI/2 BPSK	1@1	24.06	22.01	0.1589
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	23.98	21.93	0.1560
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	23.22	21.17	0.1309
78	30	15	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.72	21.67	0.1469
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.69	21.64	0.1459
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.88	20.83	0.1211
78	30	15	636166	3542.49	DFT-s-OFDM PI/2 BPSK	1@1	24.3	22.25	0.1679
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	24.08	22.03	0.1596
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	23.37	21.32	0.1355
78	30	20	630668	3460.02	DFT-s-OFDM PI/2 BPSK	1@1	23.89	21.84	0.1528
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.96	21.91	0.1552
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	23.08	21.03	0.1268
78	30	20	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.79	21.74	0.1493
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.6	21.55	0.1429
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.96	20.91	0.1233
78	30	20	636000	3540	DFT-s-OFDM PI/2 BPSK	1@1	24.16	22.11	0.1626
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	24.23	22.18	0.1652
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	23.4	21.35	0.1365
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	24.46	22.41	0.1742
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	24.2	22.15	0.1641
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	23.38	21.33	0.1358
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.18	22.13	0.1633
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	24	21.95	0.1567
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.37	21.32	0.1355
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@1	25.06	23.01	0.2000
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	24.32	22.27	0.1687
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	23.83	21.78	0.1507
78	30	30	631000	3465	DFT-s-OFDM PI/2 BPSK	1@1	23.9	21.85	0.1531

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	23.82	21.77	0.1503
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	23.23	21.18	0.1312
78	30	30	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.82	21.77	0.1503
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.88	21.83	0.1524
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.12	21.07	0.1279
78	30	30	635666	3534.99	DFT-s-OFDM PI/2 BPSK	1@1	24.08	22.03	0.1596
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	24.18	22.13	0.1633
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	23.45	21.4	0.1380
78	30	40	631334	3470.01	DFT-s-OFDM PI/2 BPSK	1@1	23.91	21.86	0.1535
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	24.05	22	0.1585
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	23.24	21.19	0.1315
78	30	40	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.04	21.99	0.1581
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.87	21.82	0.1521
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.44	21.39	0.1377
78	30	40	635332	3529.98	DFT-s-OFDM PI/2 BPSK	1@1	24.12	22.07	0.1611
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	24.13	22.08	0.1614
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	23.34	21.29	0.1346
78	30	50	631668	3475.02	DFT-s-OFDM PI/2 BPSK	1@1	23.79	21.74	0.1493
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.69	21.64	0.1459
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	22.94	20.89	0.1227
78	30	50	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.64	21.59	0.1442
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.76	21.71	0.1483
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.86	20.81	0.1205
78	30	50	635000	3525	DFT-s-OFDM PI/2 BPSK	1@1	23.5	21.45	0.1396
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	23.46	21.41	0.1384
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22.68	20.63	0.1156
78	30	60	632000	3480	DFT-s-OFDM PI/2 BPSK	1@1	23.77	21.72	0.1486
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	23.58	21.53	0.1422
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	22.96	20.91	0.1233
78	30	60	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.76	21.71	0.1483
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.69	21.64	0.1459
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.06	21.01	0.1262
78	30	60	634666	3519.99	DFT-s-OFDM PI/2 BPSK	1@1	23.55	21.5	0.1413
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	23.55	21.5	0.1413
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.95	20.9	0.1230
78	30	70	632334	3485.01	DFT-s-OFDM PI/2 BPSK	1@1	23.77	21.72	0.1486
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	23.7	21.65	0.1462
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	22.99	20.94	0.1242
78	30	70	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.68	21.63	0.1455
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.71	21.66	0.1466
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.1	21.05	0.1274
78	30	70	634332	3514.98	DFT-s-OFDM PI/2 BPSK	1@1	23.79	21.74	0.1493

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	23.7	21.65	0.1462
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	22.94	20.89	0.1227
78	30	80	632668	3490.02	DFT-s-OFDM PI/2 BPSK	1@1	23.74	21.69	0.1476
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	23.62	21.57	0.1435
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	22.93	20.88	0.1225
78	30	80	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.89	21.84	0.1528
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.81	21.76	0.1500
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	23.09	21.04	0.1271
78	30	80	634000	3510	DFT-s-OFDM PI/2 BPSK	1@1	23.67	21.62	0.1452
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	23.69	21.64	0.1459
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	23.01	20.96	0.1247
78	30	90	633000	3495	DFT-s-OFDM PI/2 BPSK	1@1	23.57	21.52	0.1419
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	23.66	21.61	0.1449
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	23.01	20.96	0.1247
78	30	90	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.64	21.59	0.1442
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.6	21.55	0.1429
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.89	20.84	0.1213
78	30	90	633666	3504.99	DFT-s-OFDM PI/2 BPSK	1@1	23.69	21.64	0.1459
78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	23.66	21.61	0.1449
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	22.99	20.94	0.1242
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	23.63	21.58	0.1439
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.67	21.62	0.1452
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	23.75	21.7	0.1479
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	23.67	21.62	0.1452
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.6	21.55	0.1429
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	23.65	21.6	0.1445
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	22.6	20.55	0.1135
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.88	20.83	0.1211
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	22.85	20.8	0.1202
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	21.06	19.01	0.0796
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	20.99	18.94	0.0783
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.94	18.89	0.0774
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	19.03	16.98	0.0499
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	19.02	16.97	0.0498
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.92	16.87	0.0486
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	22.11	20.06	0.1014
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	22.1	20.05	0.1012
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	22.33	20.28	0.1067

Software Version: 23.06.1602

FR1 N78 Ant 9

LTE Band: 7, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-2.05dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	32@16	24.50	22.45	0.1758
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@1	24.78	22.73	0.1875
78	30	25	630834	3462.51	DFT-s-OFDM PI/2 BPSK	1@63	24.73	22.68	0.1854
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	32@16	24.45	22.40	0.1738
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	24.80	22.75	0.1884
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@63	24.73	22.68	0.1854
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	32@16	24.37	22.32	0.1706
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	24.88	22.83	0.1919
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@63	24.75	22.70	0.1862
78	30	25	630834	3462.51	DFT-s-OFDM 64 QAM	32@16	24.30	22.25	0.1679
78	30	25	630834	3462.51	DFT-s-OFDM 64 QAM	1@1	24.70	22.65	0.1841
78	30	25	630834	3462.51	DFT-s-OFDM 64 QAM	1@63	24.72	22.67	0.1849
78	30	25	630834	3462.51	DFT-s-OFDM 256 QAM	32@16	22.97	20.92	0.1236
78	30	25	630834	3462.51	DFT-s-OFDM 256 QAM	1@1	23.18	21.13	0.1297
78	30	25	630834	3462.51	DFT-s-OFDM 256 QAM	1@63	23.27	21.22	0.1324
78	30	25	630834	3462.51	CP-OFDM QPSK	33@16	24.35	22.30	0.1698
78	30	25	630834	3462.51	CP-OFDM QPSK	1@1	24.81	22.76	0.1888
78	30	25	630834	3462.51	CP-OFDM QPSK	1@63	24.70	22.65	0.1841
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	32@16	24.82	22.77	0.1892
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	24.98	22.93	0.1963
78	30	25	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@63	24.85	22.80	0.1905
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	32@16	24.70	22.65	0.1841
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	24.95	22.90	0.1950
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@63	24.99	22.94	0.1968
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	32@16	24.71	22.66	0.1845
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	24.96	22.91	0.1954
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@63	24.98	22.93	0.1963
78	30	25	633334	3500.01	DFT-s-OFDM 64 QAM	32@16	24.69	22.64	0.1837
78	30	25	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.89	22.84	0.1923
78	30	25	633334	3500.01	DFT-s-OFDM 64 QAM	1@63	25.08	23.03	0.2009
78	30	25	633334	3500.01	DFT-s-OFDM 256 QAM	32@16	23.27	21.22	0.1324

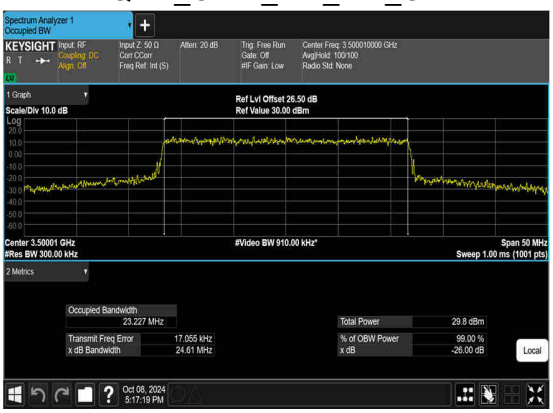
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	25	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	23.38	21.33	0.1358
78	30	25	633334	3500.01	DFT-s-OFDM 256 QAM	1@63	23.54	21.49	0.1409
78	30	25	633334	3500.01	CP-OFDM QPSK	33@16	24.73	22.68	0.1854
78	30	25	633334	3500.01	CP-OFDM QPSK	1@1	24.96	22.91	0.1954
78	30	25	633334	3500.01	CP-OFDM QPSK	1@63	24.94	22.89	0.1945
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	32@16	24.76	22.71	0.1866
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@1	24.99	22.94	0.1968
78	30	25	635832	3537.48	DFT-s-OFDM PI/2 BPSK	1@63	24.96	22.91	0.1954
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	32@16	24.70	22.65	0.1841
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	24.83	22.78	0.1897
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@63	24.94	22.89	0.1945
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	32@16	24.68	22.63	0.1832
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	24.98	22.93	0.1963
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@63	24.86	22.81	0.1910
78	30	25	635832	3537.48	DFT-s-OFDM 64 QAM	32@16	24.60	22.55	0.1799
78	30	25	635832	3537.48	DFT-s-OFDM 64 QAM	1@1	24.73	22.68	0.1854
78	30	25	635832	3537.48	DFT-s-OFDM 64 QAM	1@63	24.95	22.90	0.1950
78	30	25	635832	3537.48	DFT-s-OFDM 256 QAM	32@16	23.07	21.02	0.1265
78	30	25	635832	3537.48	DFT-s-OFDM 256 QAM	1@1	23.27	21.22	0.1324
78	30	25	635832	3537.48	DFT-s-OFDM 256 QAM	1@63	23.41	21.36	0.1368
78	30	25	635832	3537.48	CP-OFDM QPSK	33@16	24.63	22.58	0.1811
78	30	25	635832	3537.48	CP-OFDM QPSK	1@1	24.95	22.90	0.1950
78	30	25	635832	3537.48	CP-OFDM QPSK	1@63	24.91	22.86	0.1932

Occupied Bandwidth

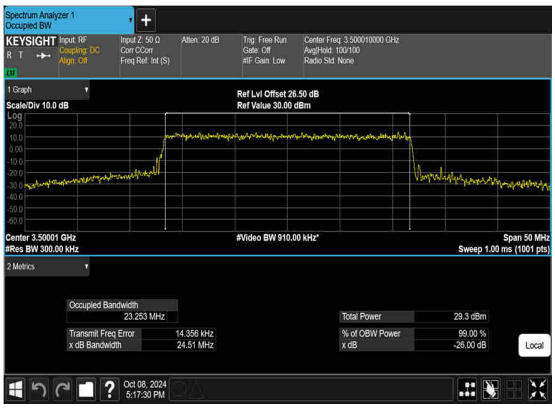
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
78	30	25	633334	3500.01	CP-OFDM QPSK	65@0	23.15	24.67
78	30	25	633334	3500.01	CP-OFDM 16 QAM	65@0	23.227	24.61
78	30	25	633334	3500.01	CP-OFDM 64 QAM	65@0	23.253	24.51
78	30	25	633334	3500.01	CP-OFDM 256 QAM	65@0	23.264	24.37

B7_N78(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B7_N78(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B7_N78(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

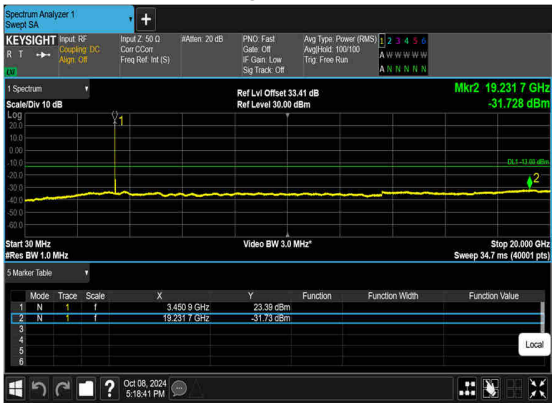


B7_N78(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

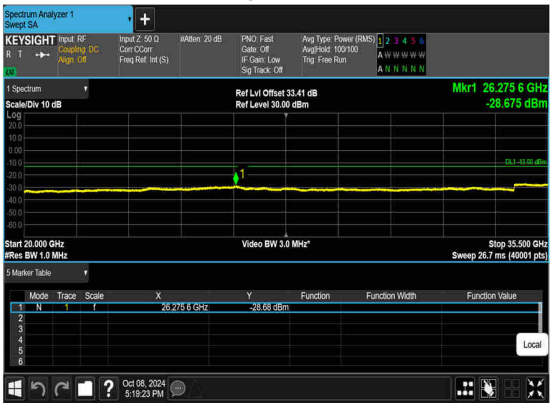
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	25	630834	3462.51	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	25	630834	3462.51	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	25	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM BPSK	1@0	see graph	**---**
78	30	25	635832	3537.48	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@0	see graph	**---**
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

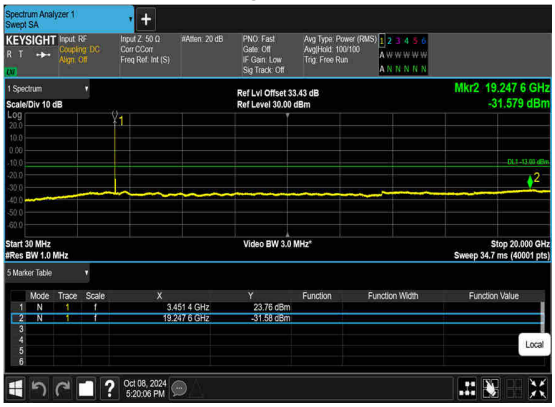
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



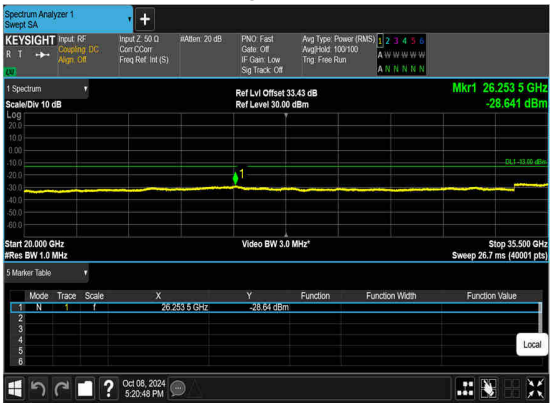
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



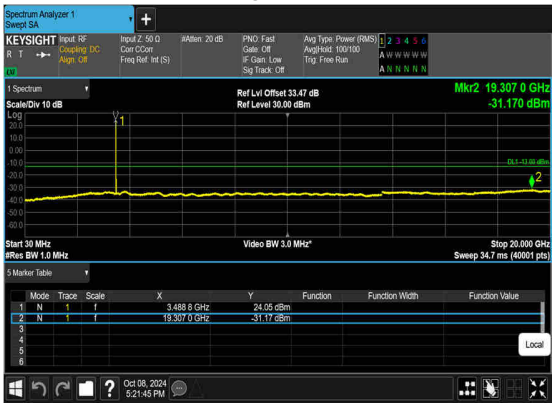
B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



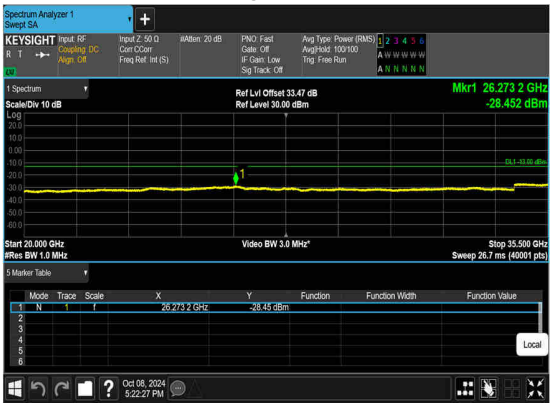
B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



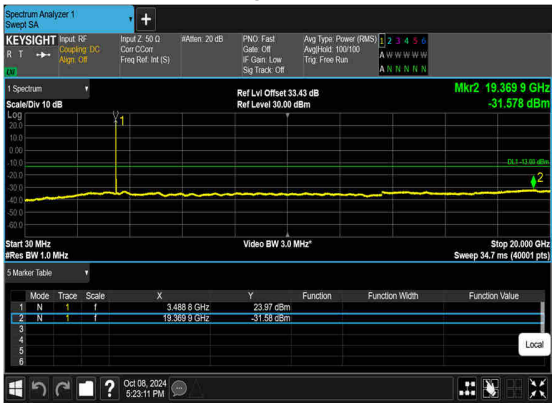
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



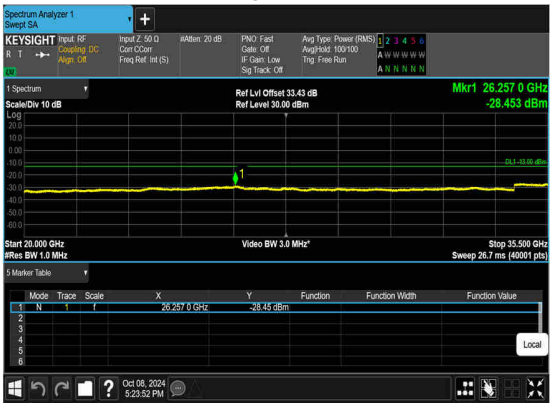
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



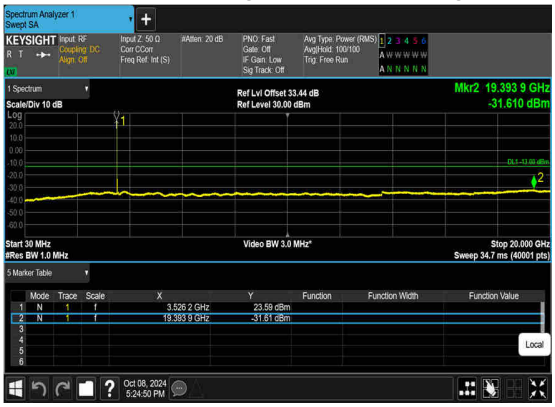
B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



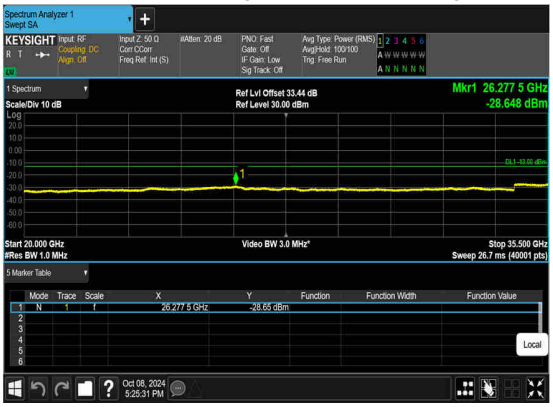
B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



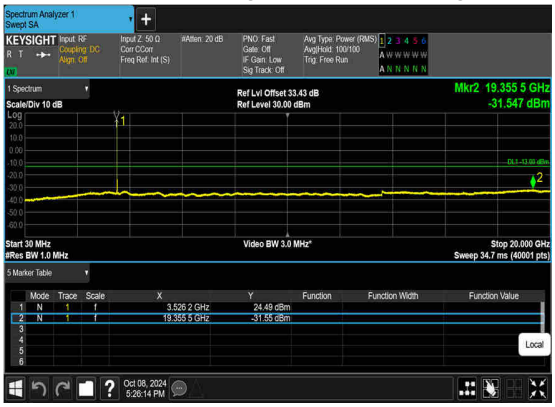
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



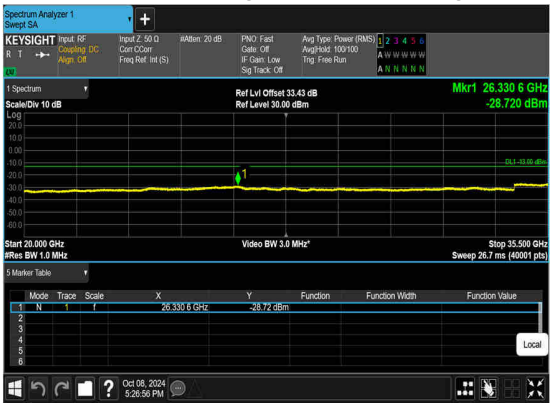
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



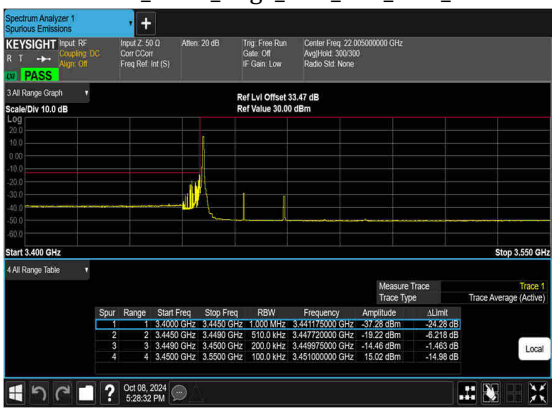
B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



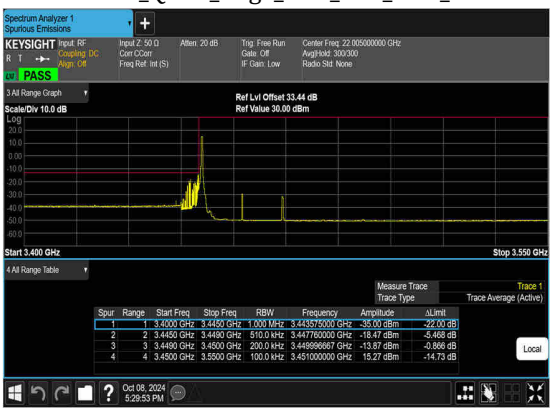
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	25	630834	3462.51	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM BPSK	64@0	see graph	**PASS**
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	64@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM BPSK	1@64	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@64	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM BPSK	64@0	see graph	**PASS**
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	64@0	see graph	**PASS**

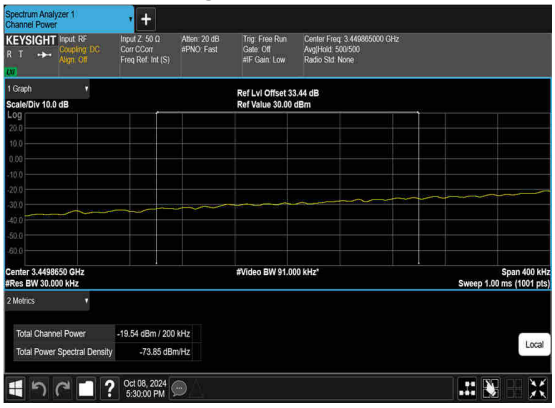
B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

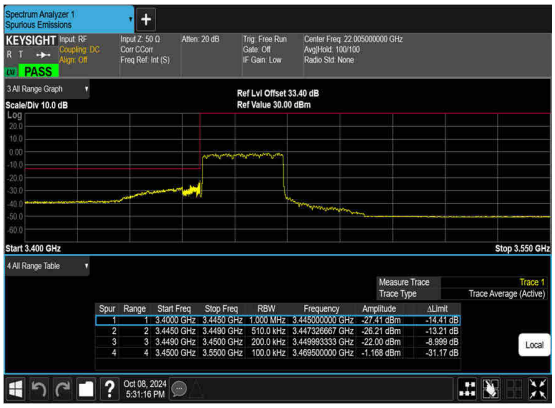


B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B7_N78(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

B7_N78(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

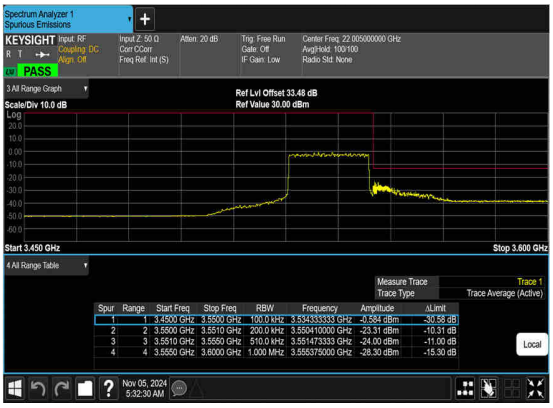


B7_N78(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

B7_N78(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

B7_N78(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B7_N78(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	Temperature :	22~25℃
		Relative Humidity :	48~52%

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

n77 SA / NR 100MHz / QPSK(ANT8)									
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)
Lowest	6907.20	-60.13	-13	-47.13	-58.33	-63.46	8.25	11.58	H
	10360.80	-56.79	-13	-43.79	-59.59	-58.34	10.45	12.00	H
	13814.40	-52.27	-13	-39.27	-59.77	-53.98	11.74	13.45	H
	6907.20	-59.52	-13	-46.52	-58.2	-62.85	8.25	11.58	V
	10360.80	-57.31	-13	-44.31	-59.28	-58.86	10.45	12.00	V
	13814.40	-52.75	-13	-39.75	-59.63	-54.46	11.74	13.45	V
Middle	6917.22	-59.69	-13	-46.69	-58.01	-62.99	8.30	11.60	H
	10375.83	-56.39	-13	-43.39	-59.22	-57.91	10.48	12.00	H
	13834.44	-52.48	-13	-39.48	-60.00	-54.18	11.80	13.50	H
	6917.22	-58.82	-13	-45.82	-57.62	-62.12	8.30	11.60	V
	10375.83	-57.51	-13	-44.51	-59.54	-59.03	10.48	12.00	V
	13834.44	-53.14	-13	-40.14	-60.06	-54.84	11.80	13.50	V
Highest	6927.24	-59.98	-13	-46.98	-58.44	-63.28	8.32	11.62	H
	10390.86	-56.78	-13	-43.78	-59.65	-58.46	10.52	12.20	H
	13854.48	-52.26	-13	-39.26	-59.79	-53.96	11.85	13.55	H
	6927.24	-58.59	-13	-45.59	-57.52	-61.89	8.32	11.62	V
	10390.86	-57.72	-13	-44.72	-59.79	-59.40	10.52	12.20	V
	13854.48	-52.87	-13	-39.87	-59.83	-54.57	11.85	13.55	V

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

EN-DC_13A_n77A / LTE 10MHz + NR 100MHz / QPSK(1+9)									
Channel	Frequency (MHz)	ERP/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 n77 Lowest	6907.20	-59.71	-13	-46.71	-57.91	-63.04	8.25	11.58	H
	10360.80	-56.51	-13	-43.51	-59.31	-58.06	10.45	12.00	H
	13814.40	-52.76	-13	-39.76	-60.26	-54.47	11.74	13.45	H
	6907.20	-59.34	-13	-46.34	-58.02	-62.67	8.25	11.58	V
	10360.80	-57.07	-13	-44.07	-59.04	-58.62	10.45	12.00	V
	13814.40	-53.55	-13	-40.55	-60.43	-55.26	11.74	13.45	V
LTE Band13 Lowest	1564	-65.76	-42.15	-23.61	-75.78	-69.01	4.00	9.40	H
	2346	-62.88	-13	-49.88	-77.64	-66.45	4.88	10.60	H
	3128	-61.33	-13	-48.33	-78.46	-66.26	5.52	12.60	H
	1564	-65.30	-42.15	-23.15	-75.40	-68.55	4.00	9.40	V
	2346	-63.23	-13	-50.23	-77.99	-66.80	4.88	10.60	V
	3128	-61.16	-13	-48.16	-78.33	-66.09	5.52	12.60	V
NR n77 Middle	6917.22	-59.81	-13	-46.81	-58.13	-63.11	8.30	11.60	H
	10375.83	-56.51	-13	-43.51	-59.34	-58.03	10.48	12.00	H
	13834.44	-52.74	-13	-39.74	-60.26	-54.44	11.80	13.50	H
	6917.22	-59.27	-13	-46.27	-58.07	-62.57	8.30	11.60	V
	10375.83	-56.87	-13	-43.87	-58.9	-58.39	10.48	12.00	V
	13834.44	-53.42	-13	-40.42	-60.34	-55.12	11.80	13.50	V
LTE Band13 Middle	1564	-65.22	-42.15	-23.07	-75.24	-68.47	4.00	9.40	H
	2346	-63.03	-13	-50.03	-77.79	-66.60	4.88	10.60	H
	3128	-60.72	-13	-47.72	-77.85	-65.65	5.52	12.60	H
	1564	-64.73	-42.15	-22.58	-74.83	-67.98	4.00	9.40	V
	2346	-63.09	-13	-50.09	-77.85	-66.66	4.88	10.60	V
	3128	-61.15	-13	-48.15	-78.32	-66.08	5.52	12.60	V
NR n77 Highest	6927.24	-59.64	-13	-46.64	-58.10	-62.94	8.32	11.62	H
	10390.86	-56.58	-13	-43.58	-59.45	-58.26	10.52	12.20	H
	13854.48	-52.41	-13	-39.41	-59.94	-54.11	11.85	13.55	H
	6927.24	-59.38	-13	-46.38	-58.31	-62.68	8.32	11.62	V
	10390.86	-57.56	-13	-44.56	-59.63	-59.24	10.52	12.20	V
	13854.48	-53.05	-13	-40.05	-60.01	-54.75	11.85	13.55	V
LTE Band13 Highest	1564	-66.02	-42.15	-23.87	-76.04	-69.27	4.00	9.40	H
	2346	-63.00	-13	-50.00	-77.76	-66.57	4.88	10.60	H
	3128	-61.45	-13	-48.45	-78.58	-66.38	5.52	12.60	H
	1564	-66.02	-42.15	-23.87	-76.12	-69.27	4.00	9.40	V
	2346	-62.76	-13	-49.76	-77.52	-66.33	4.88	10.60	V
	3128	-61.06	-13	-48.06	-78.23	-65.99	5.52	12.60	V

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