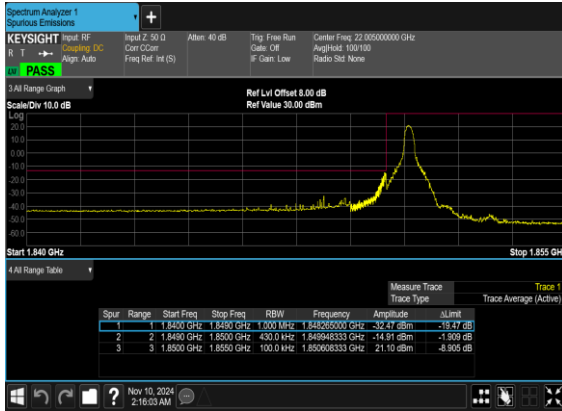
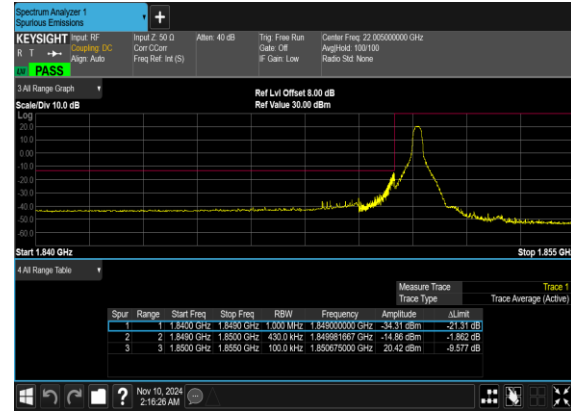




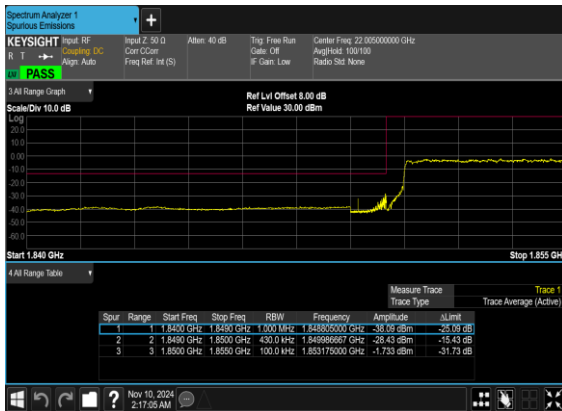
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



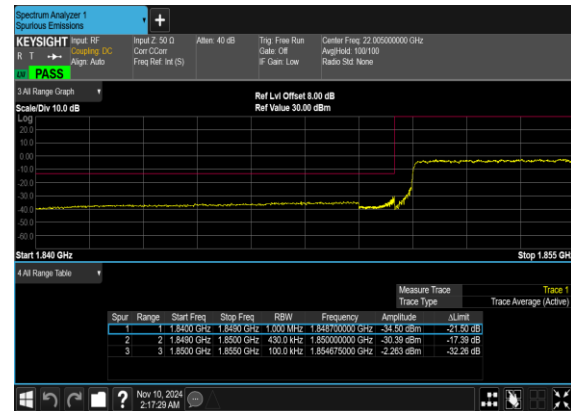
N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

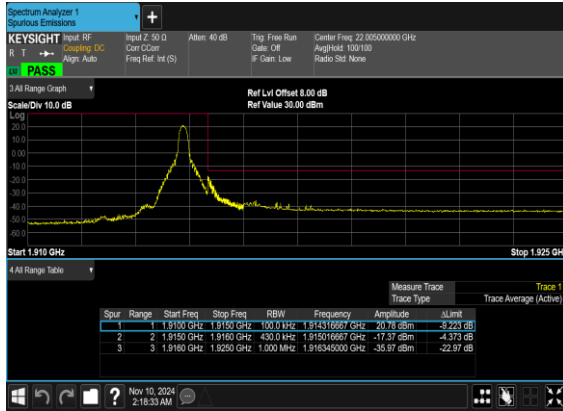


N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

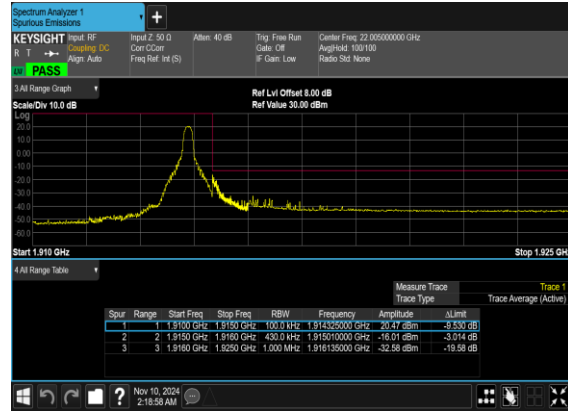




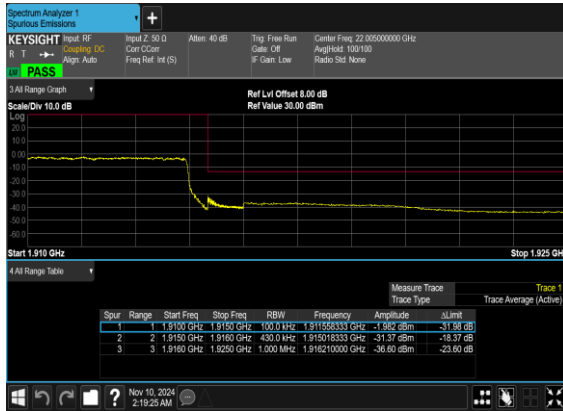
N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



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 N25(Ant.1)_other PA

LTE Band: 66, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power and EIRP, (G_T - L_c)= -1.0dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	22.79	21.79	0.1510
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.24	21.24	0.1330
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.76	21.76	0.1500
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.17	21.17	0.1309
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	22.86	21.86	0.1535
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.23	21.23	0.1327
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	22.76	21.76	0.1500
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.27	21.27	0.1340
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.81	21.81	0.1517
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.46	21.46	0.1400
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	22.89	21.89	0.1545
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.47	21.47	0.1403
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	22.99	21.99	0.1581
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.54	21.54	0.1426
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.91	21.91	0.1552
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.53	21.53	0.1422
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	22.67	21.67	0.1469
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.2	21.2	0.1318
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	22.93	21.93	0.1560
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.46	21.46	0.1400
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.98	21.98	0.1578
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.61	21.61	0.1449
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	22.6	21.6	0.1445
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.36	21.36	0.1368
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	22.97	21.97	0.1574
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.55	21.55	0.1429
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.09	22.09	0.1618
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.56	21.56	0.1432
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	22.55	21.55	0.1429
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.14	21.14	0.1300
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	22.95	21.95	0.1567
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	22.5	21.5	0.1413
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.16	22.16	0.1644
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.71	21.71	0.1483
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	22.64	21.64	0.1459
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.27	21.27	0.1340
25	15	35	373500	1867.5	DFT-s-OFDM QPSK	1@1	22.9	21.9	0.1549
25	15	35	373500	1867.5	DFT-s-OFDM 16 QAM	1@1	22.46	21.46	0.1400
25	15	35	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.08	22.08	0.1614
25	15	35	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.77	21.77	0.1503
25	15	35	379500	1897.5	DFT-s-OFDM QPSK	1@1	22.73	21.73	0.1489



25	15	35	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	22.36	21.36	0.1368
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.25	22.25	0.1679
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.01	22.01	0.1589
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	22.76	21.76	0.1500
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	23.26	22.26	0.1683
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	22.98	21.98	0.1578
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	22.73	21.73	0.1489
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	22.68	21.68	0.1472
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	22.52	21.52	0.1419
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	22.29	21.29	0.1346
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	21.54	20.54	0.1132
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	21.28	20.28	0.1067
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	21	20	0.1000
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	19.55	18.55	0.0716
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	19.15	18.15	0.0653
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	18.91	17.91	0.0618
25	15	40	374000	1870	CP-OFDM QPSK	108@54	22.53	21.53	0.1422
25	15	40	374000	1870	CP-OFDM QPSK	1@1	22.26	21.26	0.1337
25	15	40	374000	1870	CP-OFDM QPSK	1@214	22.14	21.14	0.1300
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	22.9	21.9	0.1549
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.98	21.98	0.1578
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	22.83	21.83	0.1524
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	22.95	21.95	0.1567
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.98	21.98	0.1578
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	22.79	21.79	0.1510
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.33	21.33	0.1358
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.53	21.53	0.1422
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.4	21.4	0.1380
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	21.25	20.25	0.1059
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.29	20.29	0.1069
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	21.08	20.08	0.1019
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	108@54	19.24	18.24	0.0667
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.13	18.13	0.0650
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	18.99	17.99	0.0630
25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	22.24	21.24	0.1330
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	22.29	21.29	0.1346
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	22.27	21.27	0.1340
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	22.82	21.82	0.1521
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	22.96	21.96	0.1570
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	23.09	22.09	0.1618
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	22.89	21.89	0.1545
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	22.9	21.9	0.1549
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	23.05	22.05	0.1603
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	22.26	21.26	0.1337
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	22.5	21.5	0.1413
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	22.6	21.6	0.1445
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	21.18	20.18	0.1042
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	21.21	20.21	0.1050
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	21.35	20.35	0.1084
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	19.16	18.16	0.0655
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	19.06	18.06	0.0640



25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	19.17	18.17	0.0656
25	15	40	379000	1895	CP-OFDM QPSK	108@54	22.14	21.14	0.1300
25	15	40	379000	1895	CP-OFDM QPSK	1@1	22.23	21.23	0.1327
25	15	40	379000	1895	CP-OFDM QPSK	1@214	22.5	21.5	0.1413



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	19.2	PASS	NV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11.3	PASS	LV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	10.5	PASS	HV
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.5	PASS	-30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	12	PASS	-20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.7	PASS	-10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	14.4	PASS	0°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	19.2	PASS	10°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	14.6	PASS	20°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	11.9	PASS	30°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	13.3	PASS	40°C
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	14.9	PASS	50°C

|MAX(Δf)| = 19.2 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	1850.5475808	≥ 1850 MHz	PASS
fH + MAX(Δf)	1913.3742192	≤ 1915 MHz	



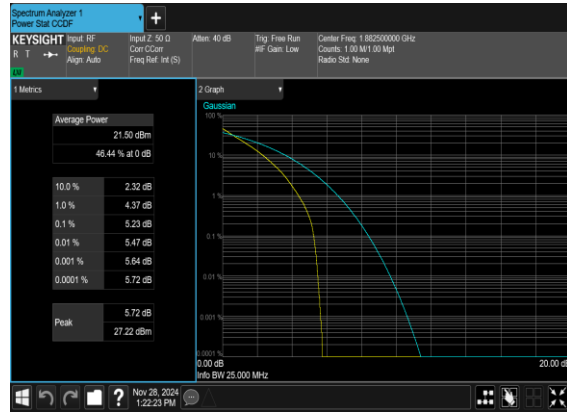
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	4.01	13	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	100@0	5.23	13	PASS

B66_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B66_N25 (20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



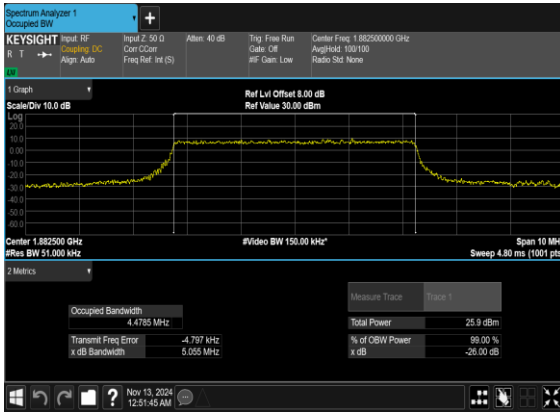


Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.4785	5.055
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.4717	5.104
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.4832	5.085
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.4844	5.198
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.2869	9.978
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.2691	9.975
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.2764	9.93
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.2806	10.04
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.132	14.9
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.097	14.94
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.097	14.86
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.098	15.1
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.955	19.8
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.975	19.79
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.929	19.79
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.96	19.95
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.738	24.85
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.753	24.85
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.73	24.66
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.797	24.89
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.549	29.67
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.506	29.54
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.517	29.74
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.57	29.55
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.595	34.87
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.513	34.95
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.601	34.78
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.629	34.77
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.488	39.89
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.512	40.06
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.577	39.85
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.427	40.02



B66_N25(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



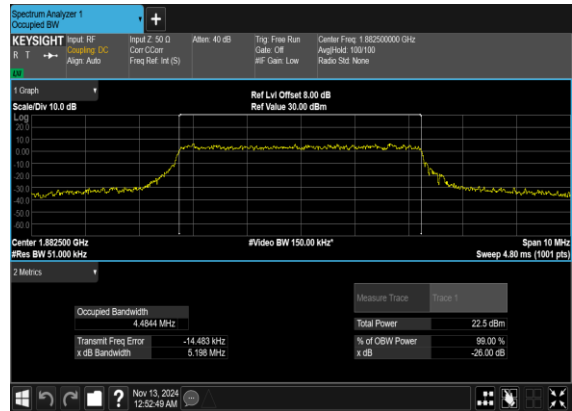
B66_N25(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

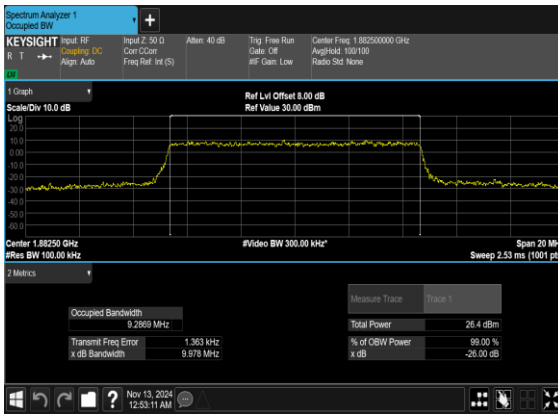


B66_N25(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

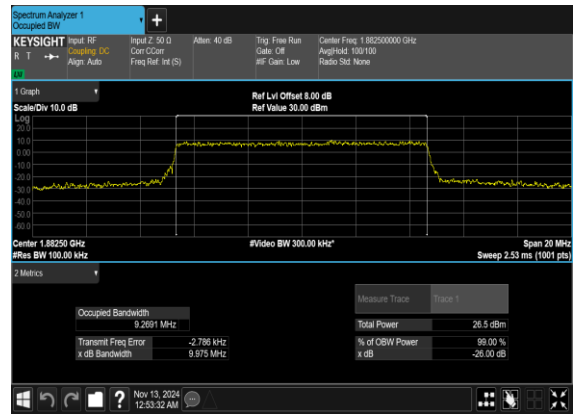




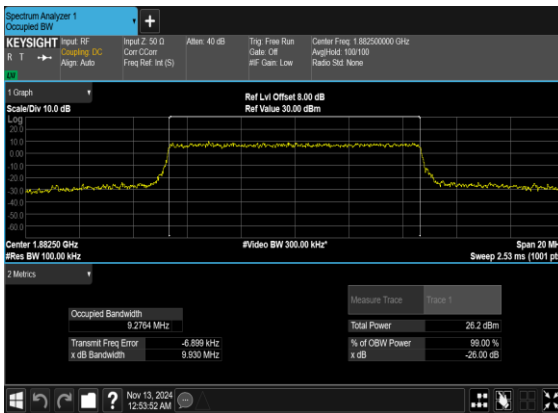
B66_N25(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



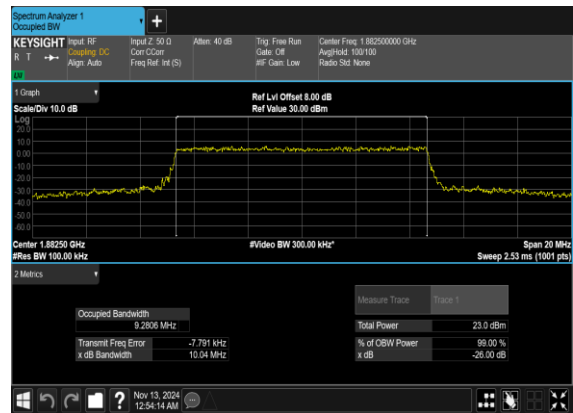
B66_N25(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B66_N25(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

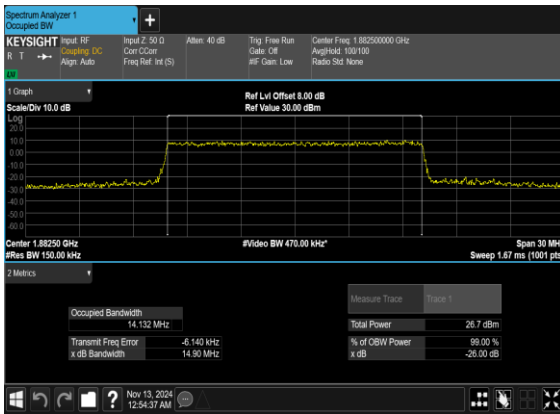


B66_N25(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

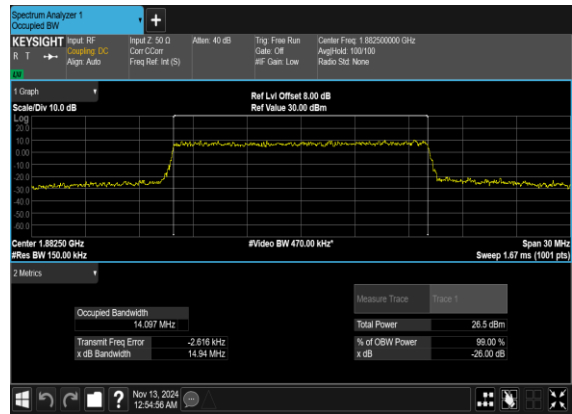




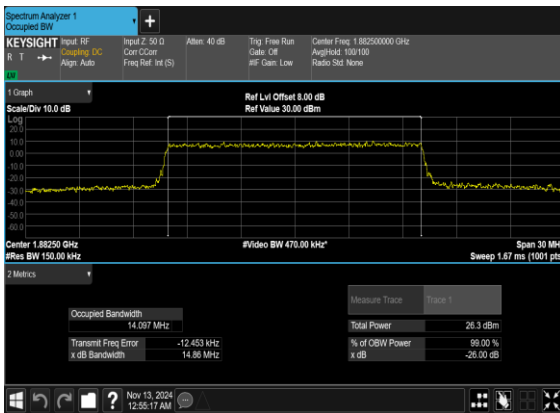
B66_N25(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



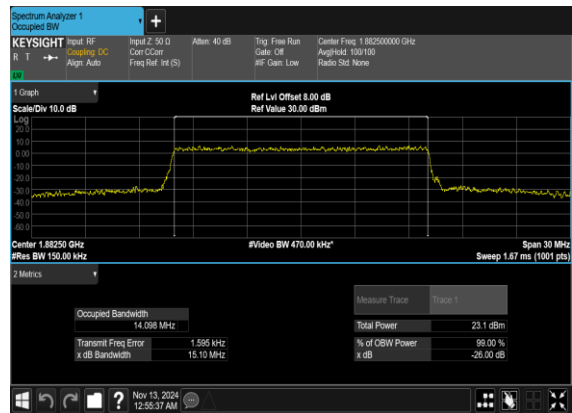
B66_N25(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

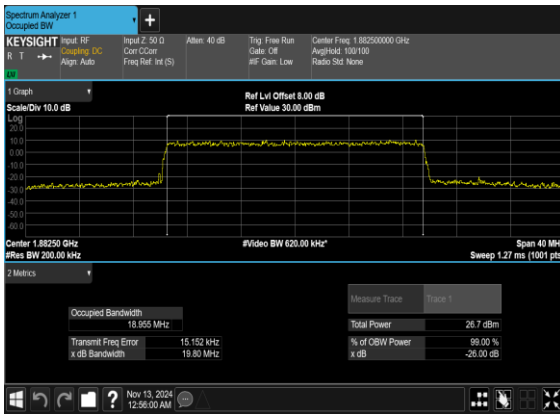


B66_N25(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

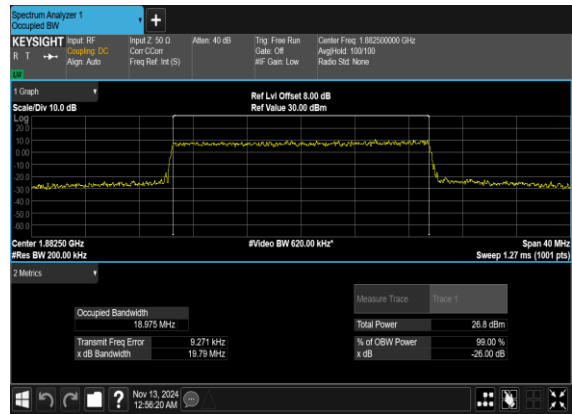




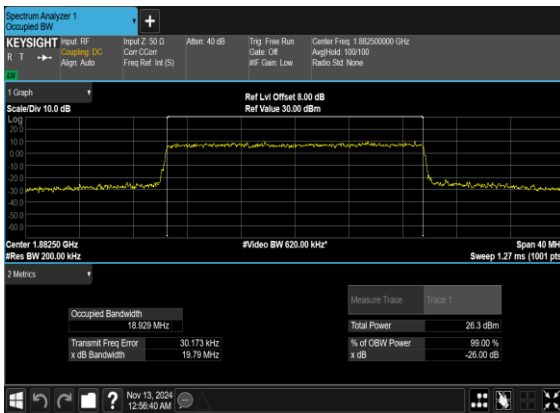
B66_N25(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



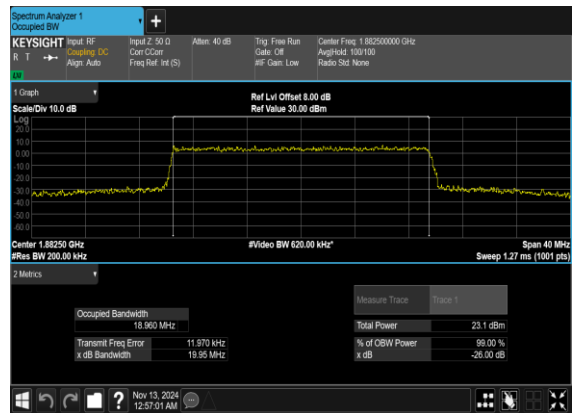
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B66_N25(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

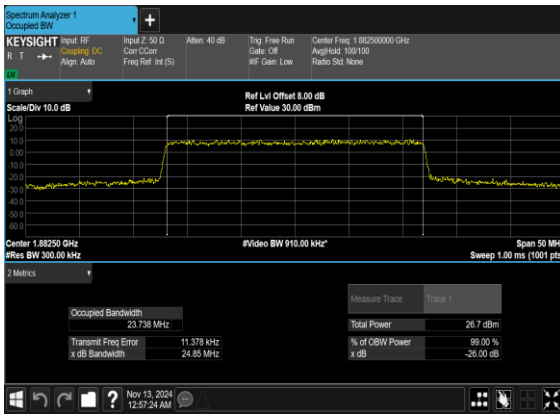


B66_N25(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

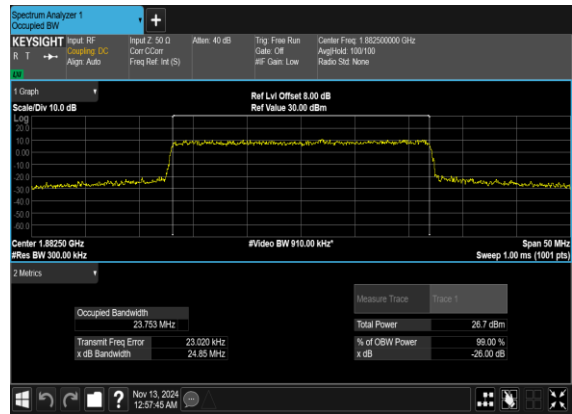




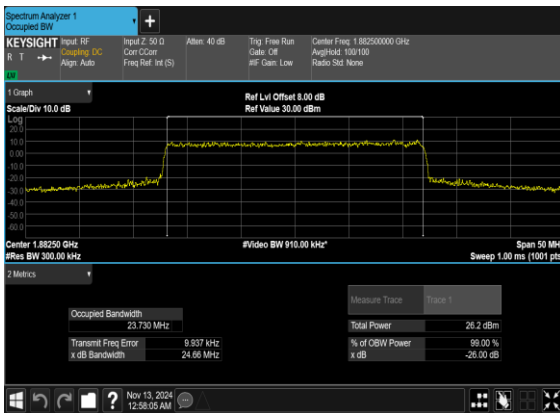
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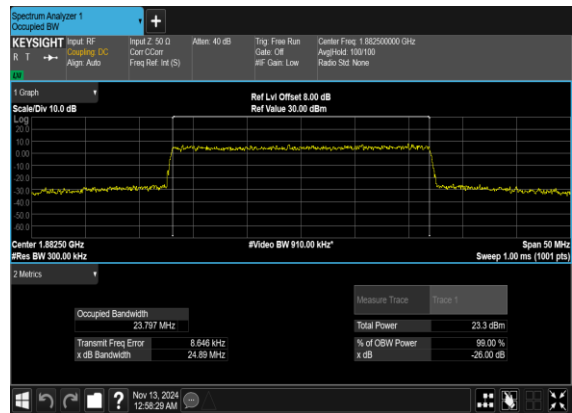
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B66_N25(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

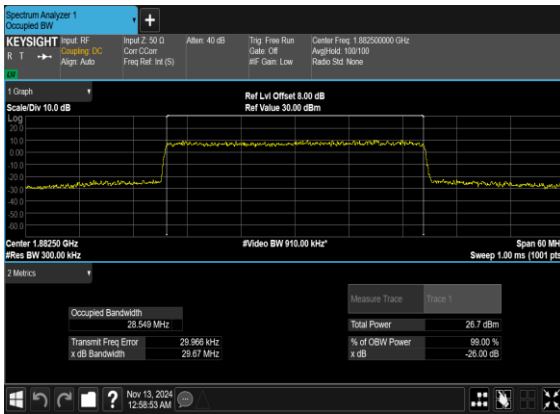


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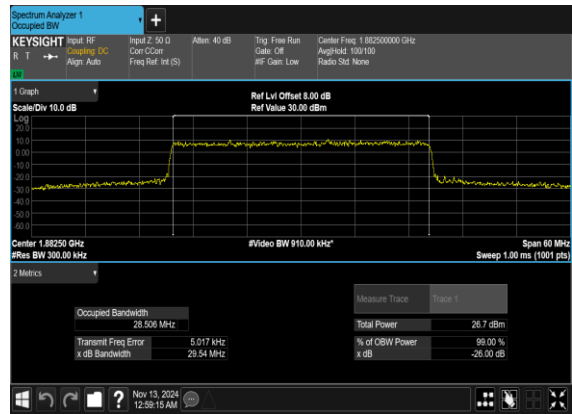




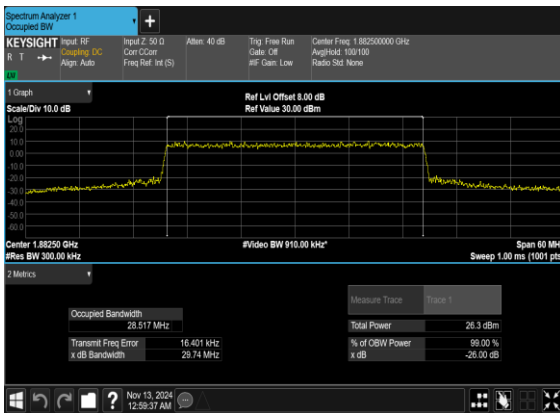
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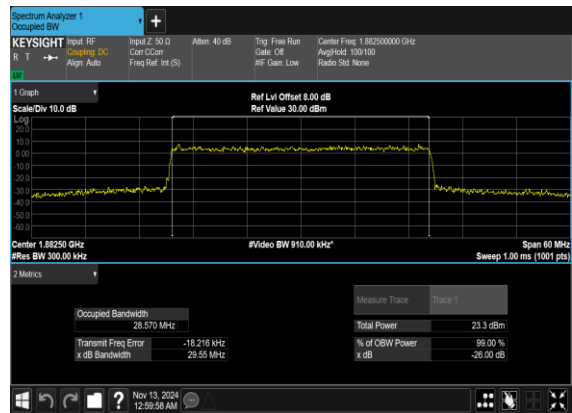
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B66_N25(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

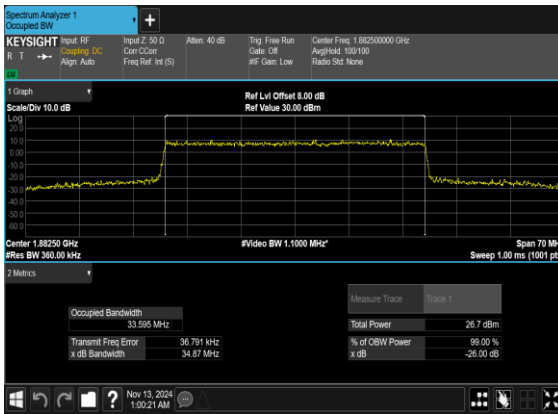


B66_N25(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

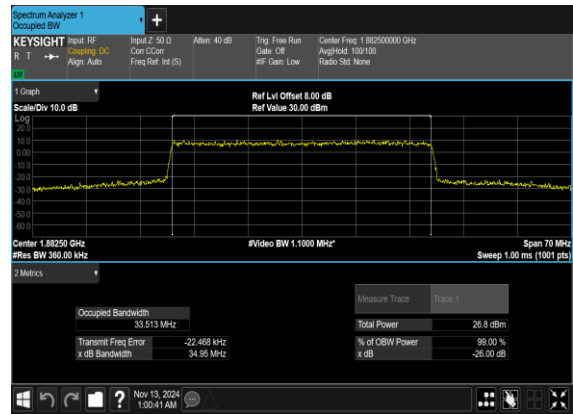




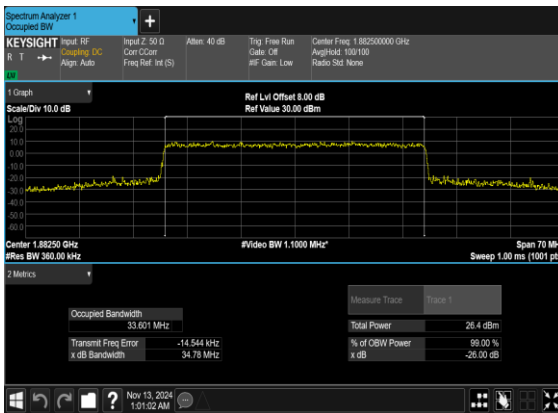
B66_N25(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



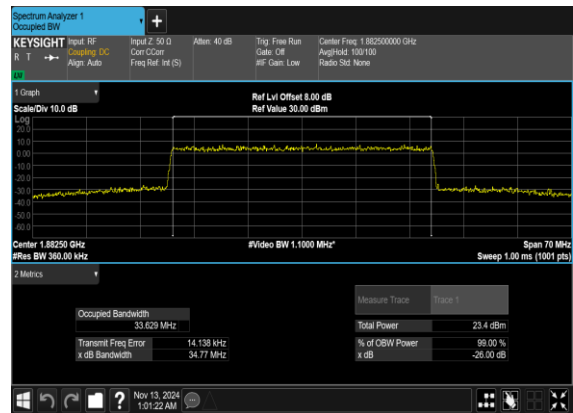
B66_N25(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

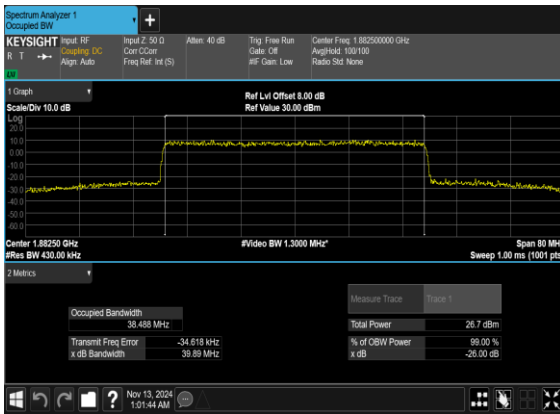


B66_N25(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

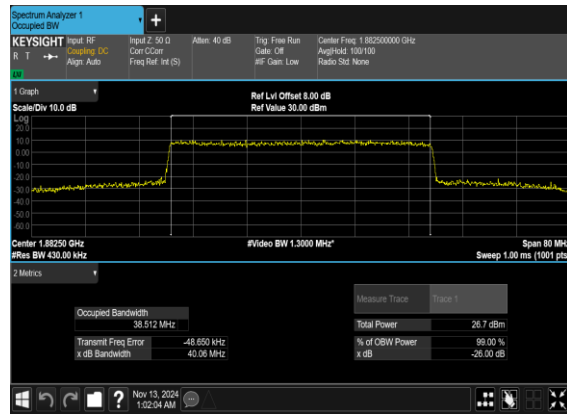




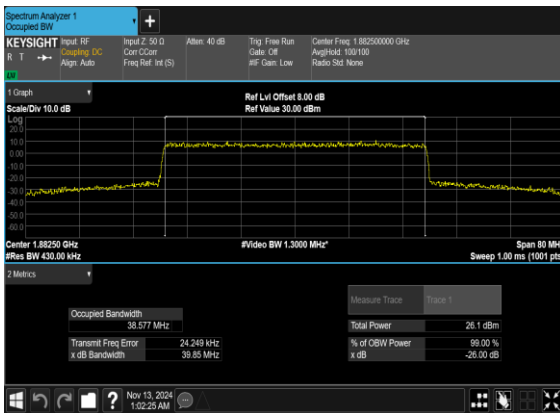
B66_N25(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



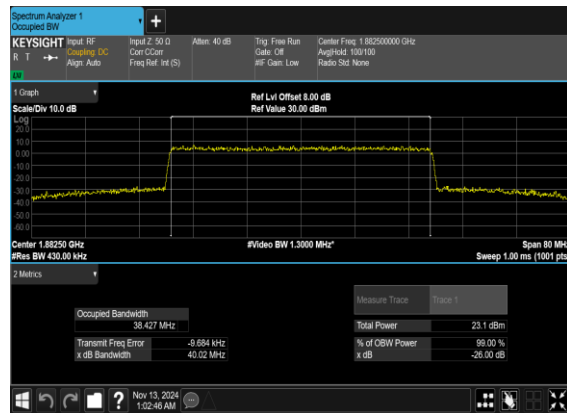
B66_N25(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B66_N25(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



B66_N25(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



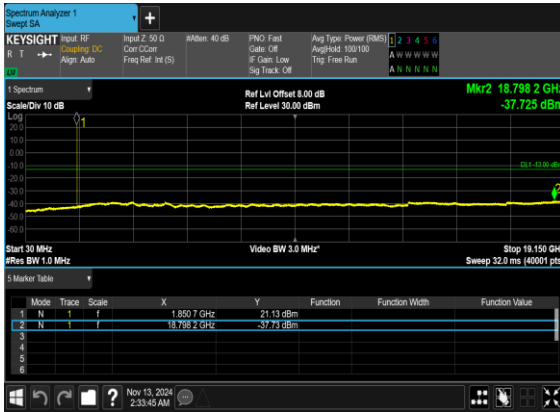


Conducted Spurious Emissions

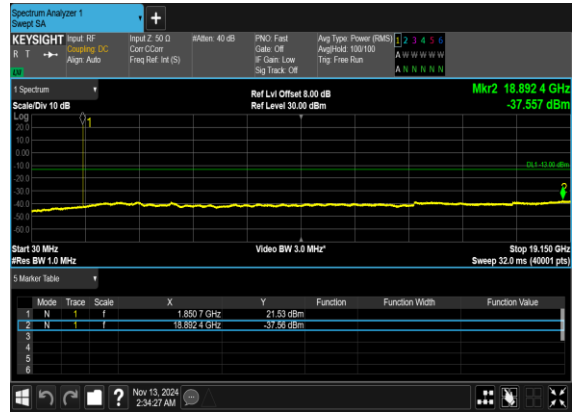
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	372000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
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	---
25	15	20	372000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	381000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	374000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
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	---
25	15	40	374000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



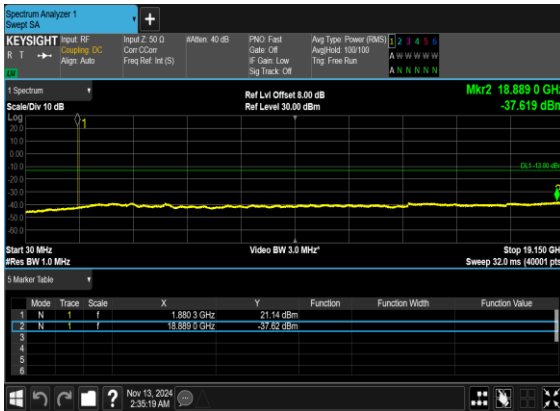
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



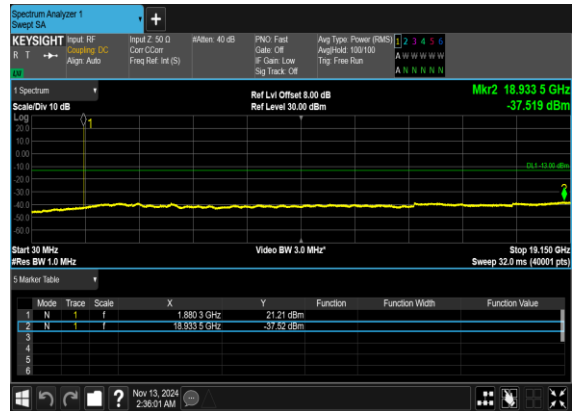
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

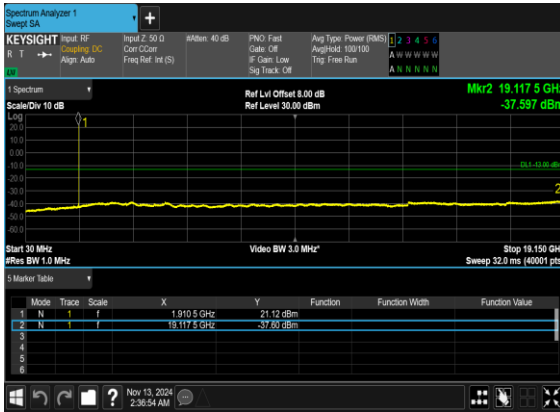


B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

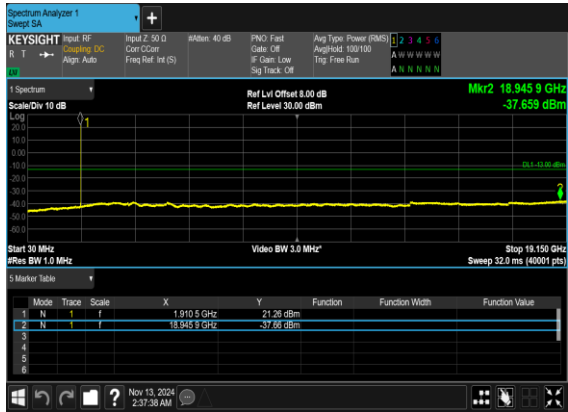




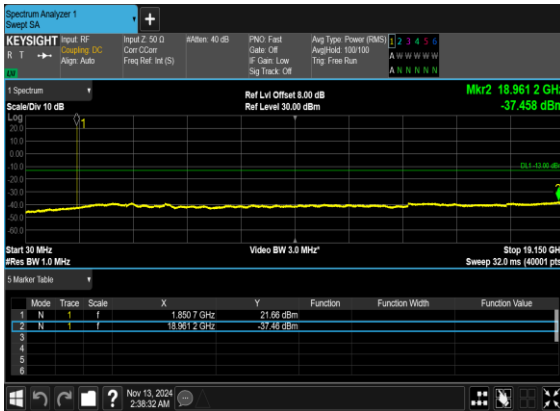
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

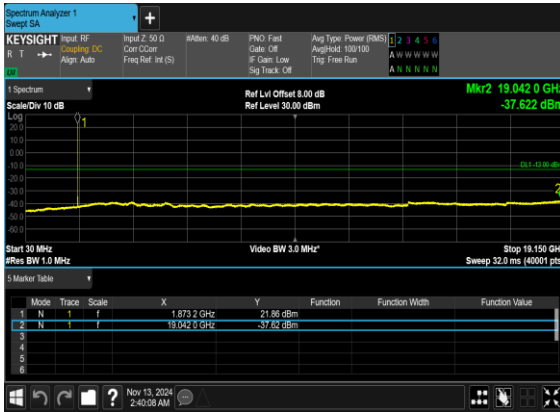


B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

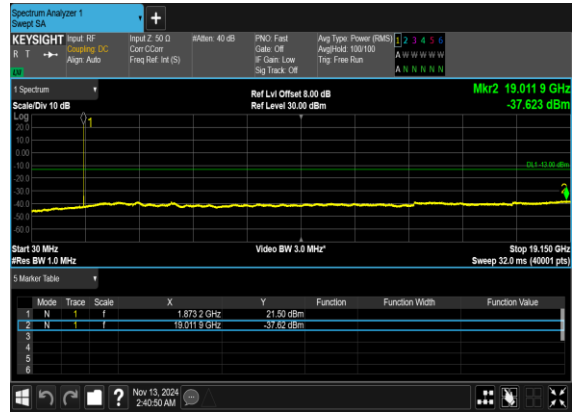




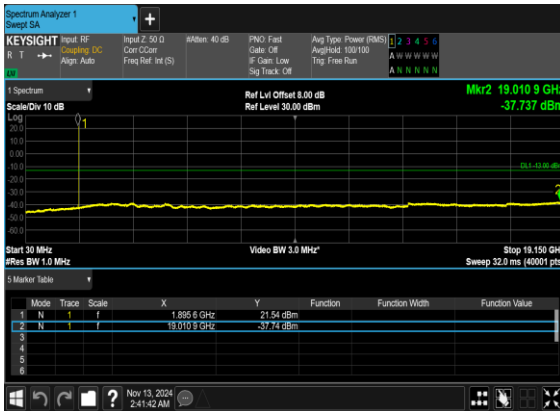
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



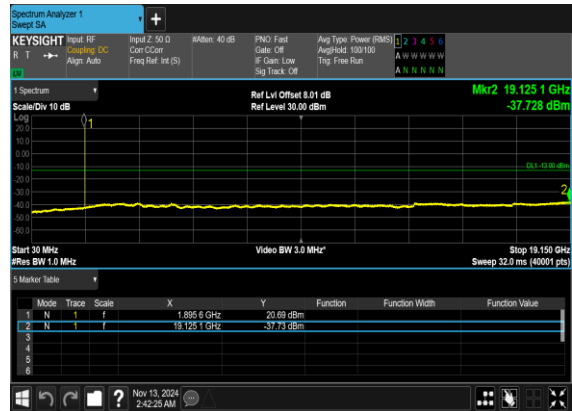
B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

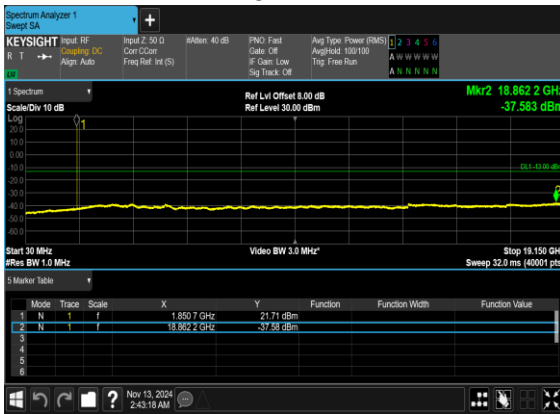


B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

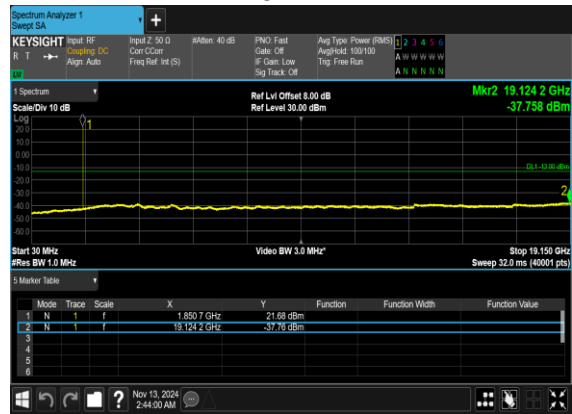




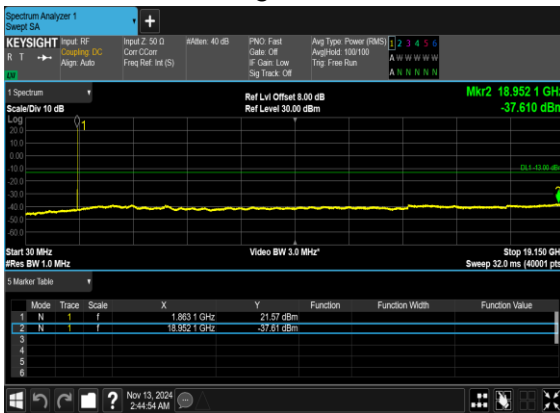
B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



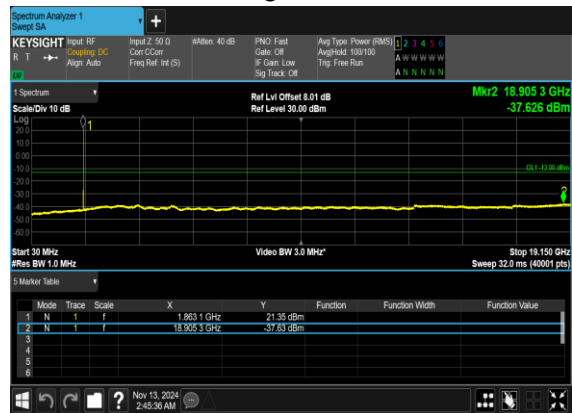
B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

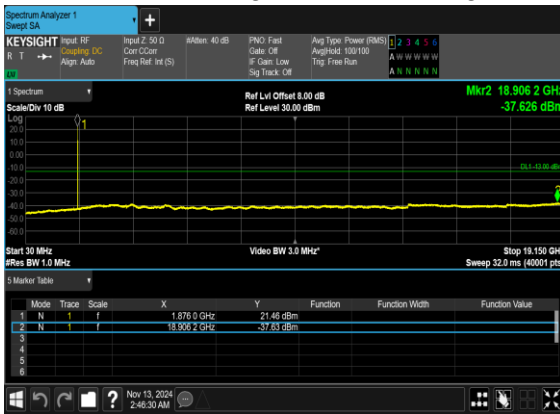


B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

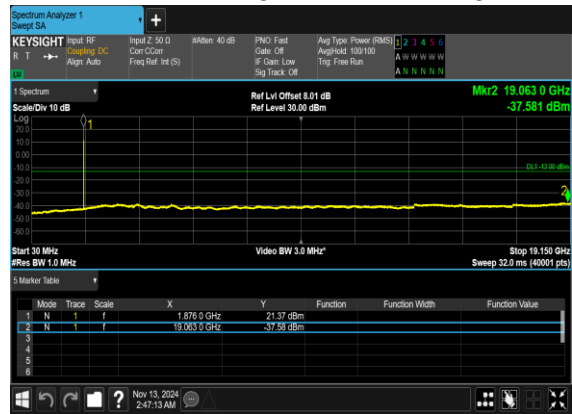




B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

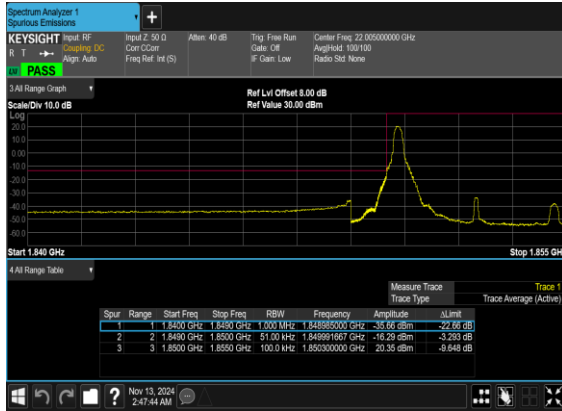
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	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



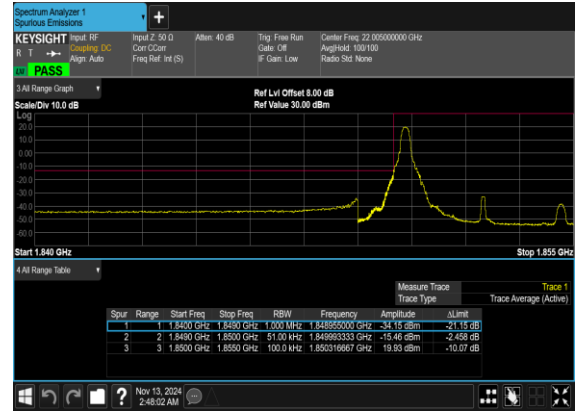
25	15	40	379000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	379000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS



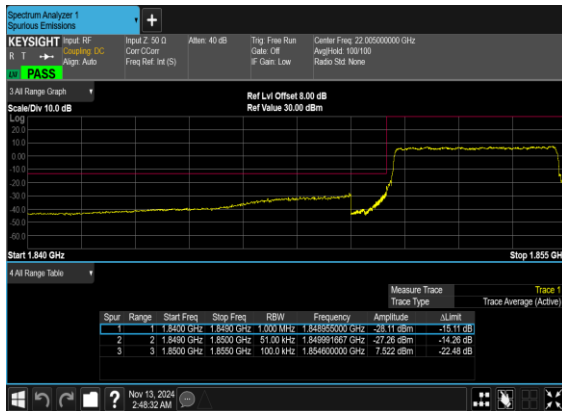
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



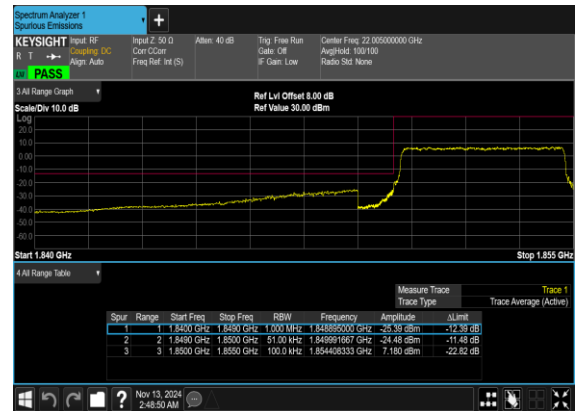
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

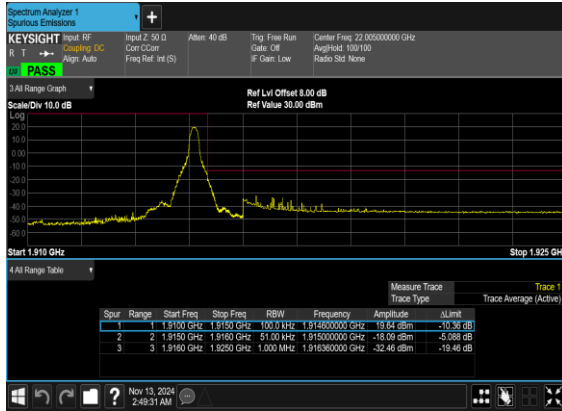


B66_N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

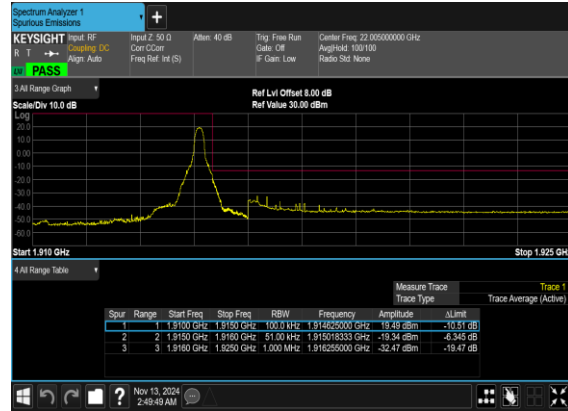




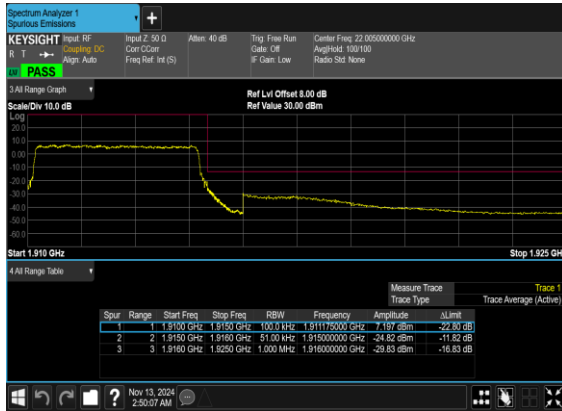
B66_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



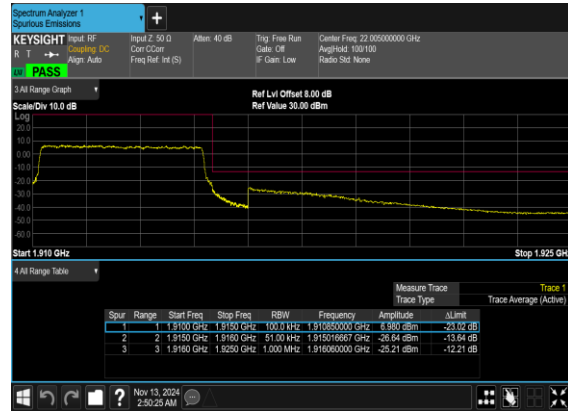
B66_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

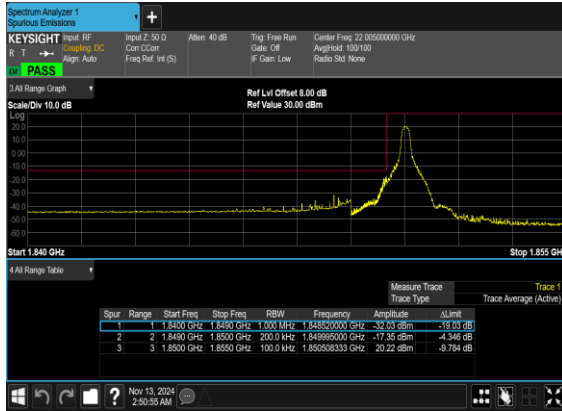


B66_N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

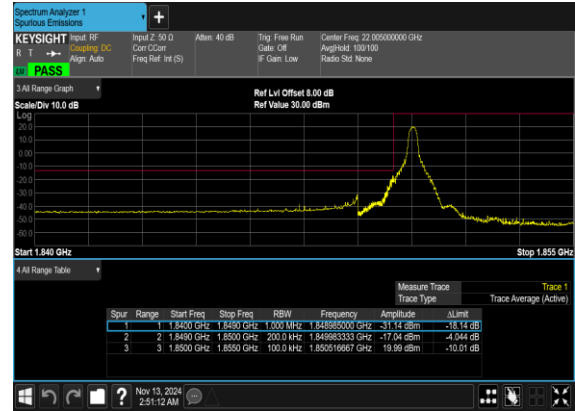




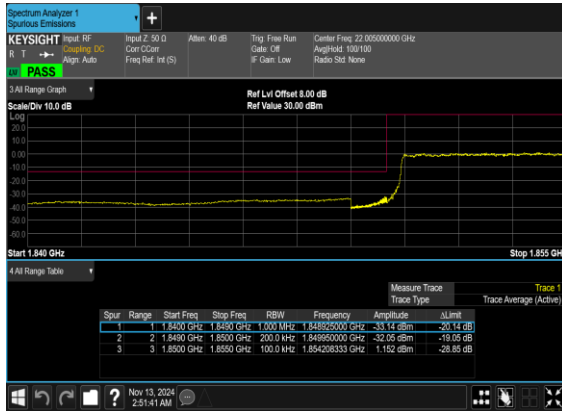
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



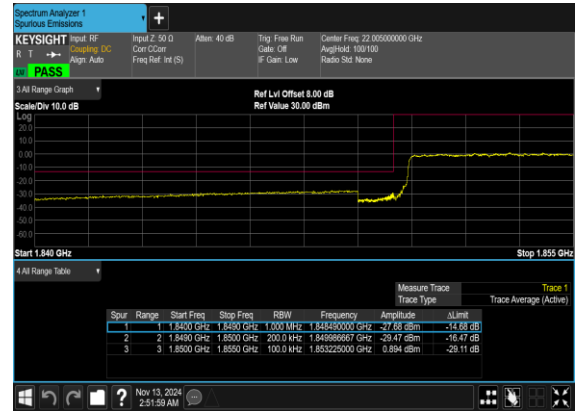
B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

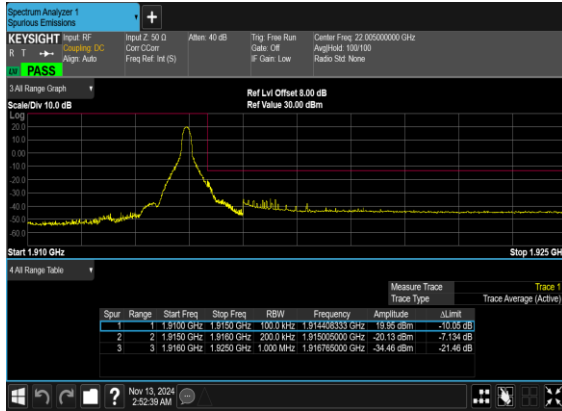


B66_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

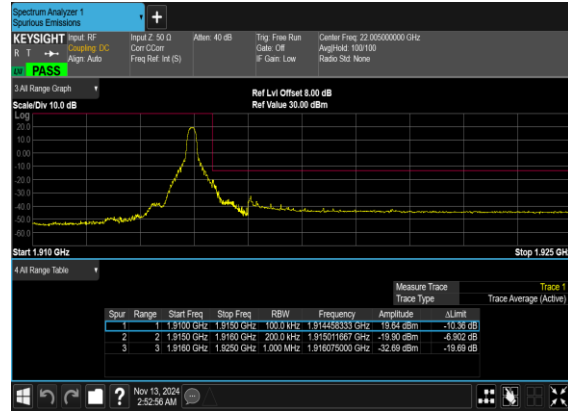




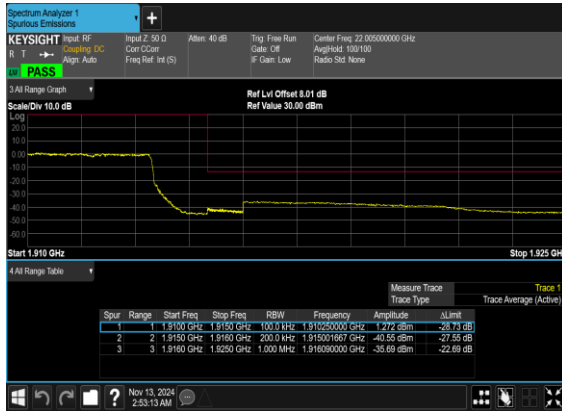
B66_N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B66_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

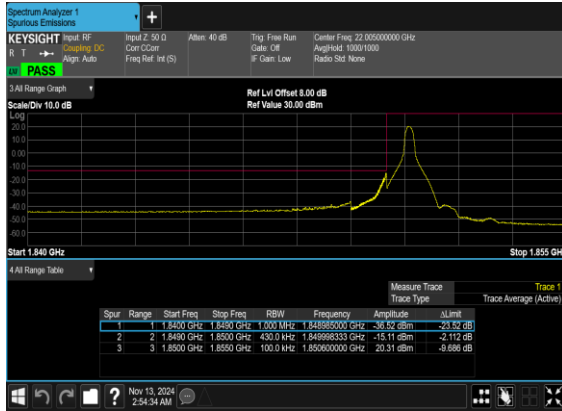


B66_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

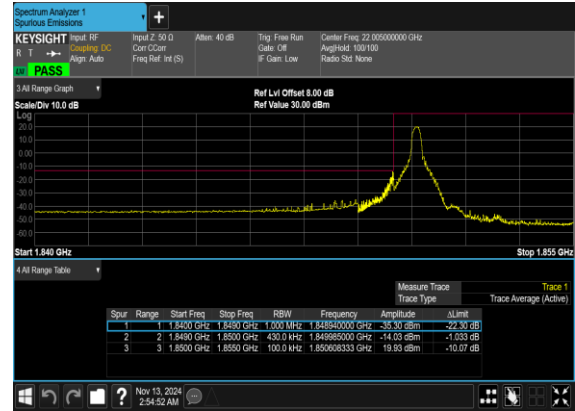




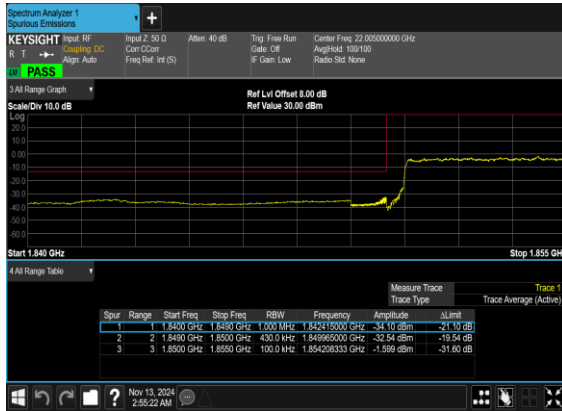
B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



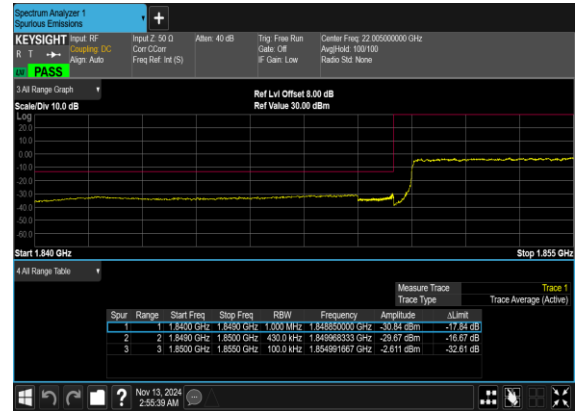
B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

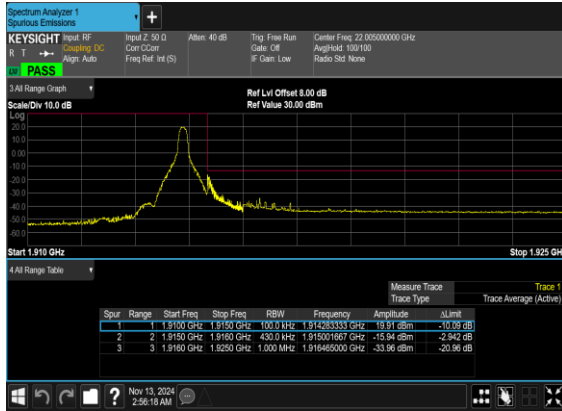


B66_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

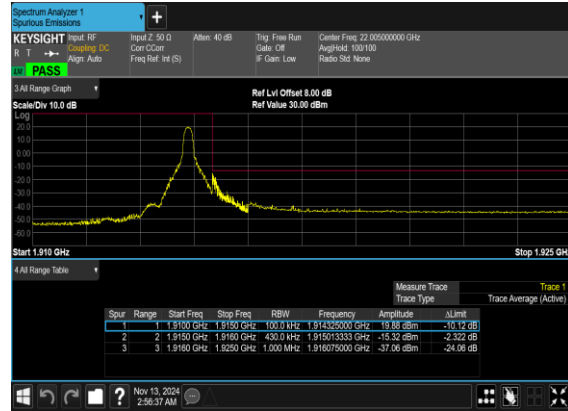




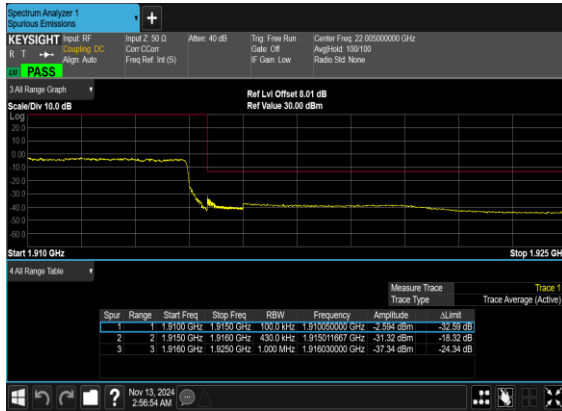
B66_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B66_N25(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B66_N25(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N26(Ant.0)

Transmitter Conducted Output Power and ERP, (G_T - L_c)= -5.0dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.06	15.91	0.0390
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.75	15.6	0.0363
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.05	15.9	0.0389
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.74	15.59	0.0362
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	22.86	15.71	0.0372
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.68	15.53	0.0357
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.07	15.92	0.0391
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.72	15.57	0.0361
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.01	15.86	0.0385
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.61	15.46	0.0352
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	22.9	15.75	0.0376
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.64	15.49	0.0354
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.1	15.95	0.0394
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.91	15.76	0.0377
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.13	15.98	0.0396
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.85	15.7	0.0372
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.13	15.98	0.0396
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.81	15.66	0.0368
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.12	15.97	0.0395
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.1	15.95	0.0394
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	22.9	15.75	0.0376
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.12	15.97	0.0395
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.16	16.01	0.0399
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	22.95	15.8	0.0380
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.73	15.58	0.0361
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.94	15.79	0.0379
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.73	15.58	0.0361
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	22.03	14.88	0.0308
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.27	15.12	0.0325
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	22.12	14.97	0.0314
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	19.96	12.81	0.0191
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.82	12.67	0.0185
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	19.72	12.57	0.0181



26	15	20	166800	834	CP-OFDM QPSK	53@26	23.06	15.91	0.0390
26	15	20	166800	834	CP-OFDM QPSK	1@1	22.76	15.61	0.0364
26	15	20	166800	834	CP-OFDM QPSK	1@104	22.63	15.48	0.0353
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.07	15.92	0.0391
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.06	15.91	0.0390
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	22.9	15.75	0.0376
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.13	15.98	0.0396
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.11	15.96	0.0394
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	22.93	15.78	0.0378
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.66	15.51	0.0356
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.92	15.77	0.0378
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.76	15.61	0.0364
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	22.03	14.88	0.0308
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.26	15.11	0.0324
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	22.03	14.88	0.0308
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	19.9	12.75	0.0188
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.78	12.63	0.0183
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	19.69	12.54	0.0179
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	23.07	15.92	0.0391
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	23.15	16	0.0398
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	22.91	15.76	0.0377
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.07	15.92	0.0391
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.2	16.05	0.0403
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	22.88	15.73	0.0374
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.11	15.96	0.0394
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.32	16.17	0.0414
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	22.97	15.82	0.0382
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.56	15.41	0.0348
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.97	15.82	0.0382
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.75	15.6	0.0363
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	22.05	14.9	0.0309
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	22.26	15.11	0.0324
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	22.12	14.97	0.0314
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.97	12.82	0.0191
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	19.78	12.63	0.0183
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	19.68	12.53	0.0179
26	15	20	167800	839	CP-OFDM QPSK	53@26	23.05	15.9	0.0389
26	15	20	167800	839	CP-OFDM QPSK	1@1	22.69	15.54	0.0358
26	15	20	167800	839	CP-OFDM QPSK	1@104	22.51	15.36	0.0344



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	0.0048	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0038	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0045	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0052	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0032	PASS	10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0048	PASS	20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0049	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0058	PASS	50°C



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	3.84	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.08	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	4.4703	5.046
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4944	5.072
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4582	5.026
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4778	5.115
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2718	10.01
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2782	10.13
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2817	9.899
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2677	9.971
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.108	14.82
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.104	14.92
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.094	14.91
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.075	14.91
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.851	19.67
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.909	19.76
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.886	19.65
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.916	19.71



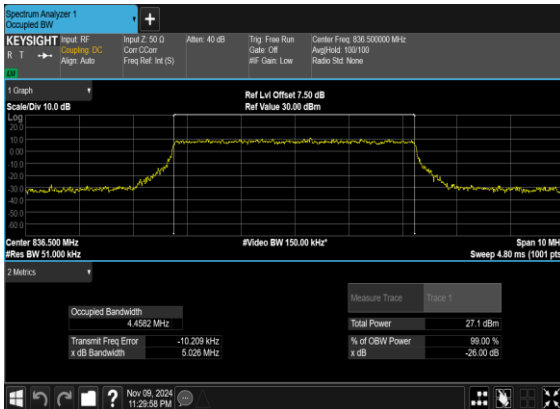
N26(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N26(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N26(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N26(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

