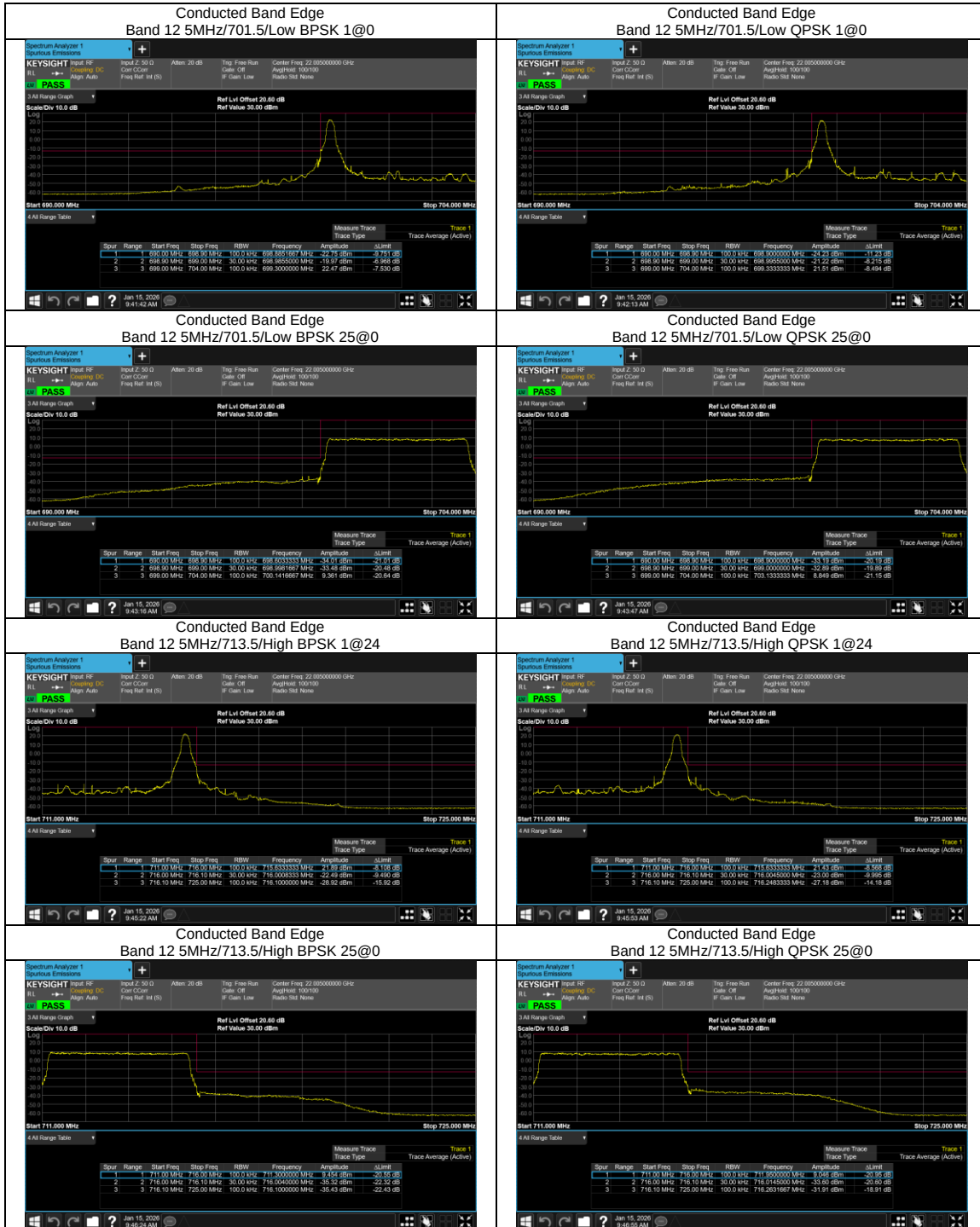
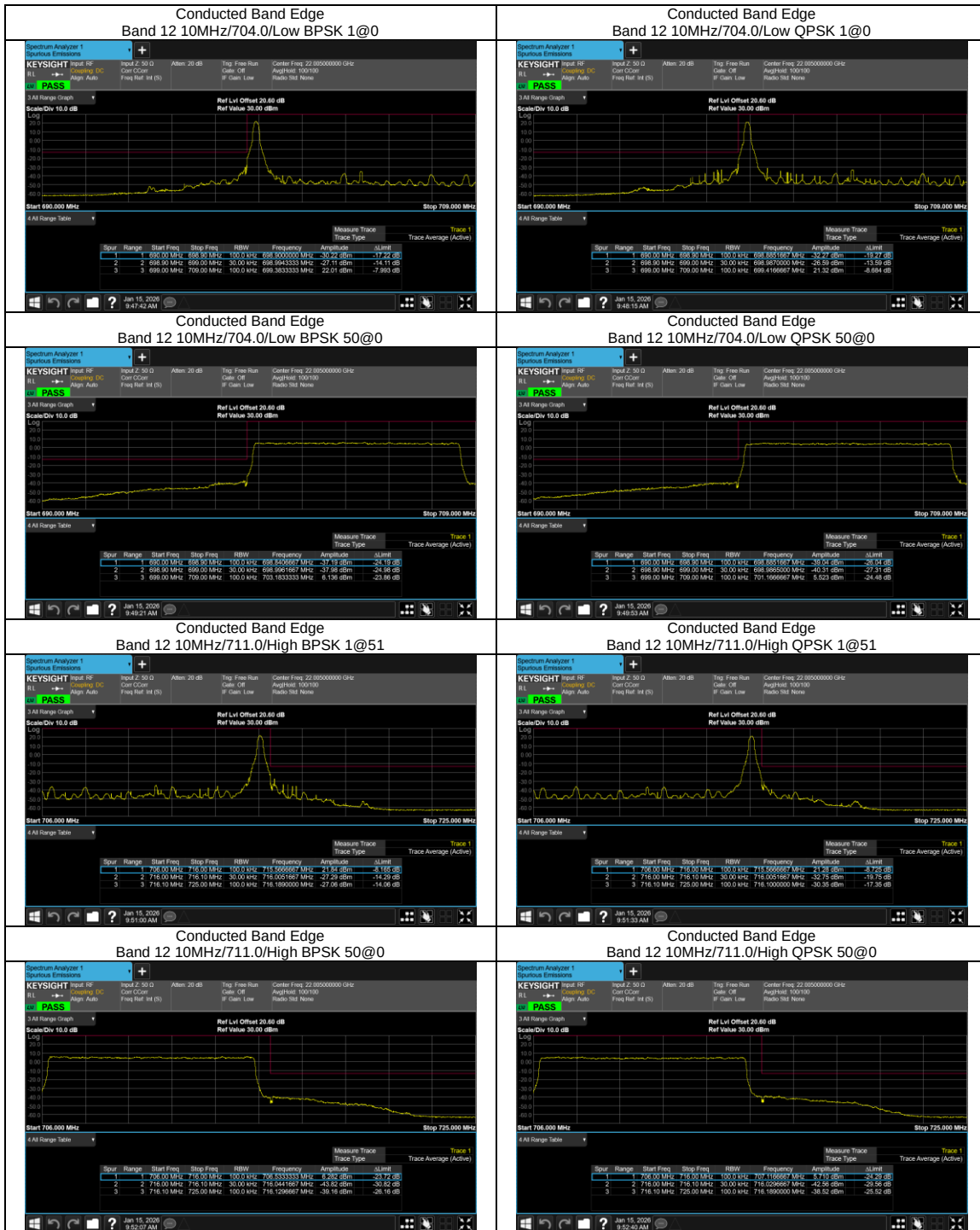
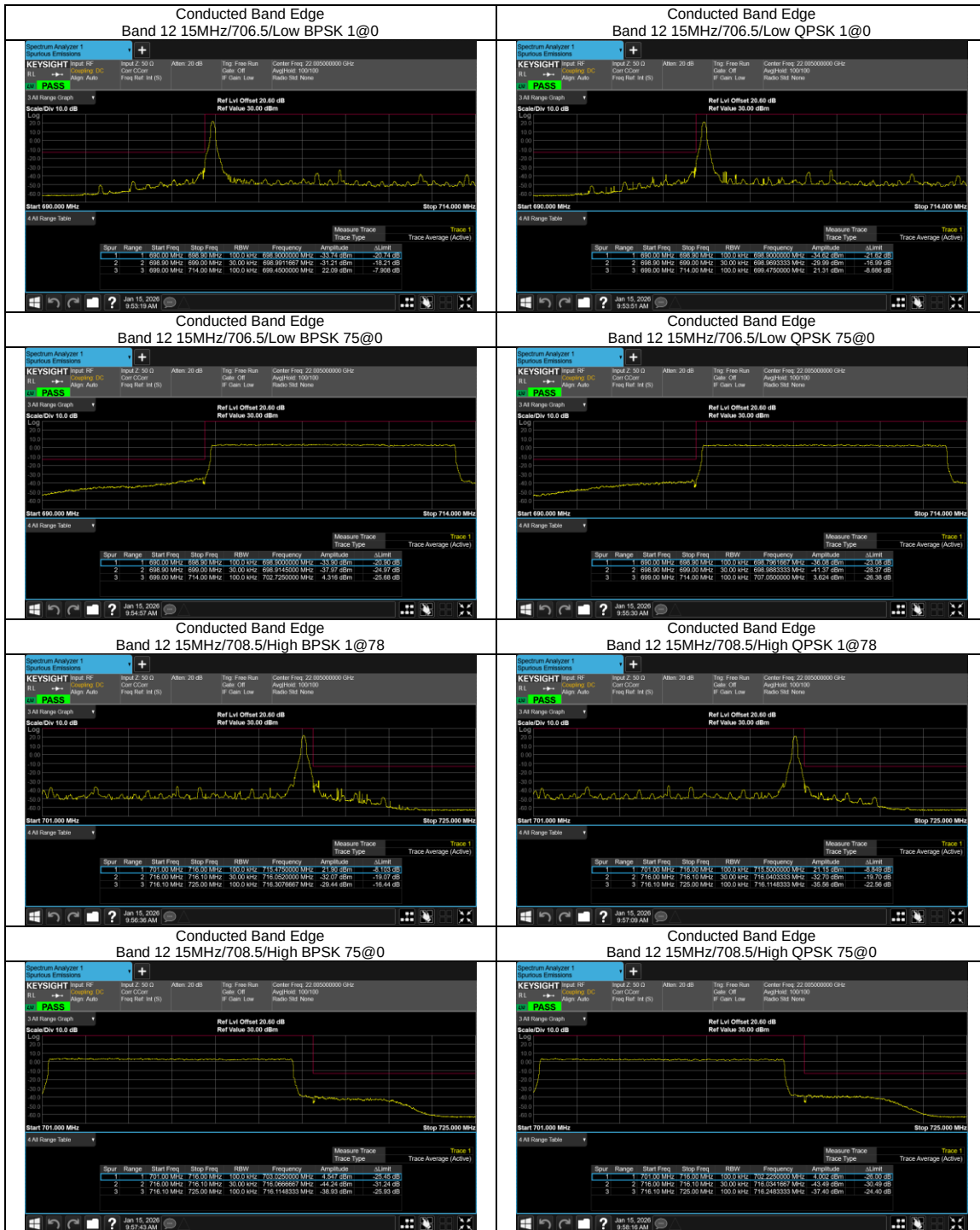




Test Graphs









Software Version: 23.06.1602

FR1 N26_ANT1

Transmitter Conducted Output Power And ERP, (G_T - L_C)=-3dB

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 PI/2 BPSK	1@1	24.81	19.66	0.0925
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	25.26	20.11	0.1026
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	24.06	18.91	0.0778
26	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.77	19.62	0.0916
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	25.18	20.03	0.1007
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.06	18.91	0.0778
26	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	24.70	19.55	0.0902
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	25.07	19.92	0.0982
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	23.98	18.83	0.0764
26	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	24.92	19.77	0.0948
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	25.31	20.16	0.1038
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	24.13	18.98	0.0791
26	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.85	19.70	0.0933
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	25.22	20.07	0.1016
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.09	18.94	0.0783
26	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	24.77	19.62	0.0916
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	25.11	19.96	0.0991
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	23.94	18.79	0.0757
26	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	24.92	19.77	0.0948
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	25.28	20.13	0.1030
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	24.11	18.96	0.0787
26	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.91	19.76	0.0946
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	25.31	20.16	0.1038
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.11	18.96	0.0787
26	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	24.84	19.69	0.0931
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	25.19	20.04	0.1009
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.98	18.83	0.0764
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	24.83	19.68	0.0929
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@0	24.24	19.09	0.0811
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	24.72	19.57	0.0906
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@0	24.34	19.19	0.0830
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	24.78	19.63	0.0918
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	2@104	24.30	19.15	0.0822
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	100@0	24.29	19.14	0.0820
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	25.12	19.97	0.0993



26	15	20	166800	834	DFT-s-OFDM QPSK	1@0	23.92	18.77	0.0753
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	24.97	19.82	0.0959
26	15	20	166800	834	DFT-s-OFDM QPSK	2@0	23.93	18.78	0.0755
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	24.80	19.65	0.0923
26	15	20	166800	834	DFT-s-OFDM QPSK	2@104	23.87	18.72	0.0745
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	23.79	18.64	0.0731
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	24.03	18.88	0.0773
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.08	16.93	0.0493
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	20.26	15.11	0.0324
26	15	20	166800	834	DFT-s-OFDM 16 QAM	100@0	22.77	17.62	0.0578
26	15	20	166800	834	DFT-s-OFDM 64 QAM	100@0	22.36	17.21	0.0526
26	15	20	166800	834	DFT-s-OFDM 256 QAM	100@0	20.30	15.15	0.0327
26	15	20	166800	834	CP-OFDM QPSK	1@1	23.55	18.40	0.0692
26	15	20	166800	834	CP-OFDM 16 QAM	1@1	23.04	17.89	0.0615
26	15	20	166800	834	CP-OFDM 64 QAM	1@1	21.41	16.26	0.0423
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.97	19.82	0.0959
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	24.33	19.18	0.0828
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	24.75	19.60	0.0912
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@0	24.41	19.26	0.0843
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	24.84	19.69	0.0931
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	2@104	24.41	19.26	0.0843
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	24.40	19.25	0.0841
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	25.19	20.04	0.1009
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	23.94	18.79	0.0757
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	24.97	19.82	0.0959
26	15	20	167300	836.5	DFT-s-OFDM QPSK	2@0	23.99	18.84	0.0766
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	24.85	19.70	0.0933
26	15	20	167300	836.5	DFT-s-OFDM QPSK	2@104	23.87	18.72	0.0745
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	23.87	18.72	0.0745
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	24.16	19.01	0.0796
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.21	17.06	0.0508
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	20.39	15.24	0.0334
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	100@0	22.88	17.73	0.0593
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	100@0	22.42	17.27	0.0533
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	100@0	20.40	15.25	0.0335
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	23.58	18.43	0.0697
26	15	20	167300	836.5	CP-OFDM 16 QAM	1@1	23.13	17.98	0.0628
26	15	20	167300	836.5	CP-OFDM 64 QAM	1@1	21.48	16.33	0.0430
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	24.90	19.75	0.0944
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@0	24.29	19.14	0.0820
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	24.75	19.60	0.0912
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@0	24.37	19.22	0.0836



26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	24.84	19.69	0.0931
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	2@104	24.30	19.15	0.0822
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	100@0	24.38	19.23	0.0838
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	25.16	20.01	0.1002
26	15	20	167800	839	DFT-s-OFDM QPSK	1@0	23.96	18.81	0.0760
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	25.07	19.92	0.0982
26	15	20	167800	839	DFT-s-OFDM QPSK	2@0	23.95	18.80	0.0759
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	24.87	19.72	0.0938
26	15	20	167800	839	DFT-s-OFDM QPSK	2@104	23.84	18.69	0.0740
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	23.88	18.73	0.0746
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	24.13	18.98	0.0791
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	22.22	17.07	0.0509
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	20.39	15.24	0.0334
26	15	20	167800	839	DFT-s-OFDM 16 QAM	100@0	22.86	17.71	0.0590
26	15	20	167800	839	DFT-s-OFDM 64 QAM	100@0	22.40	17.25	0.0531
26	15	20	167800	839	DFT-s-OFDM 256 QAM	100@0	20.36	15.21	0.0332
26	15	20	167800	839	CP-OFDM QPSK	1@1	23.51	18.36	0.0685
26	15	20	167800	839	CP-OFDM 16 QAM	1@1	23.12	17.97	0.0627
26	15	20	167800	839	CP-OFDM 64 QAM	1@1	21.48	16.33	0.0430



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	0.0024	PASS	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0021	PASS	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0021	PASS	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	-20°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0043	PASS	-10°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0039	PASS	0°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0024	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	0.0001	PASS	30°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0036	PASS	40°C
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	50°C



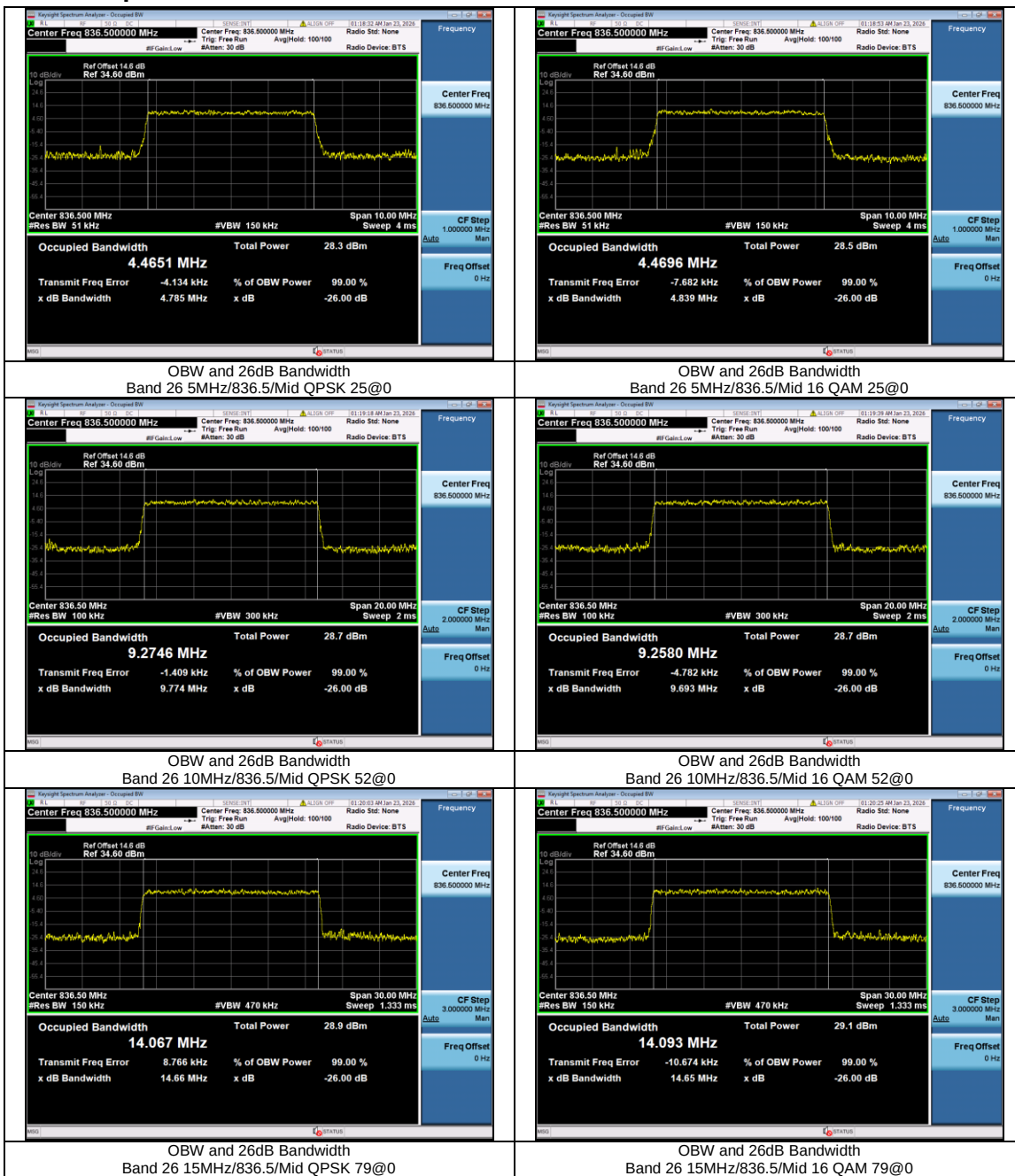
Occupied Bandwidth

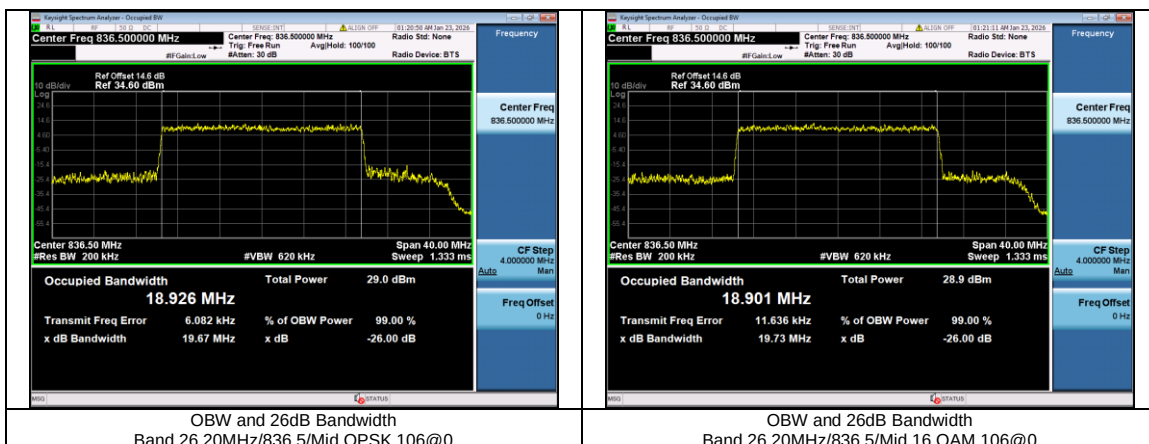
Test Result

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.47	4.785
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.47	4.839
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.27	9.774
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.26	9.693
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.07	14.66
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.09	14.65
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.93	19.67
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.9	19.73



Test Graphs







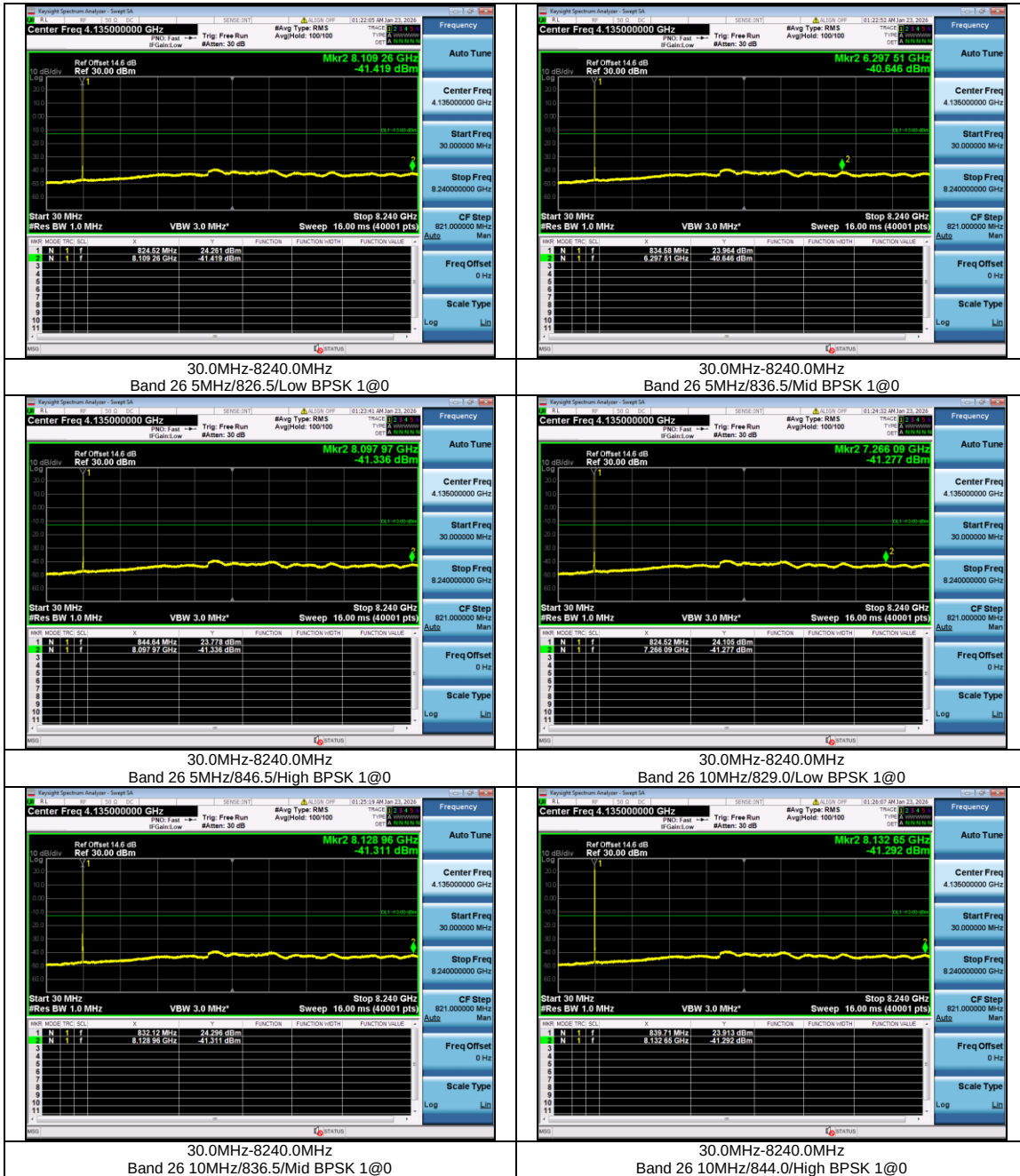
Conducted Spurious Emissions

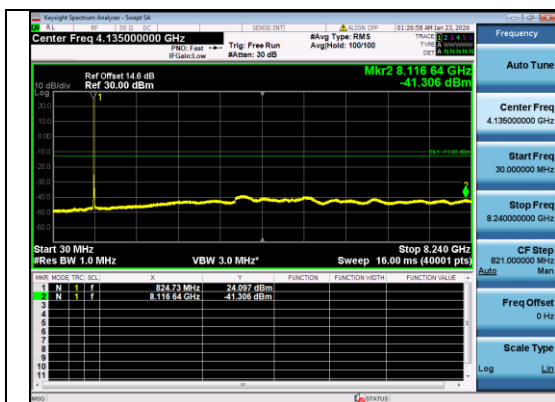
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Freq_Range	Result	Limit	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.419	-13	Pass
26	15	5	167300	836.5	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-40.646	-13	Pass
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.336	-13	Pass
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.277	-13	Pass
26	15	10	167300	836.5	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.311	-13	Pass
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.292	-13	Pass
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.306	-13	Pass
26	15	20	167300	836.5	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-40.569	-13	Pass
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@0	30.0MHz- 8240.0MHz	-41.361	-13	Pass



Test Graphs

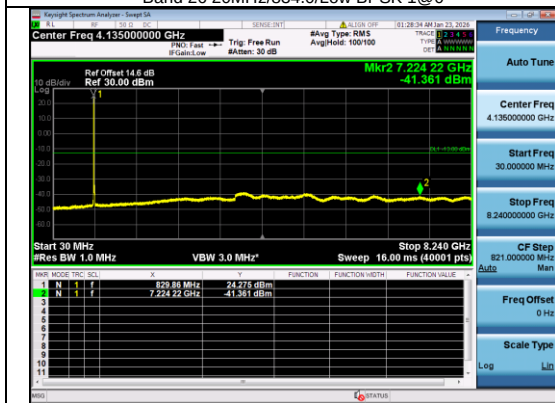




30.0MHz-8240.0MHz
Band 26 20MHz/834.0/Low BPSK 1@0



30.0MHz-8240.0MHz
Band 26 20MHz/836.5/Mid BPSK 1@0



30.0MHz-8240.0MHz
Band 26 20MHz/839.0/High BPSK 1@0

**Conducted Band Edge**

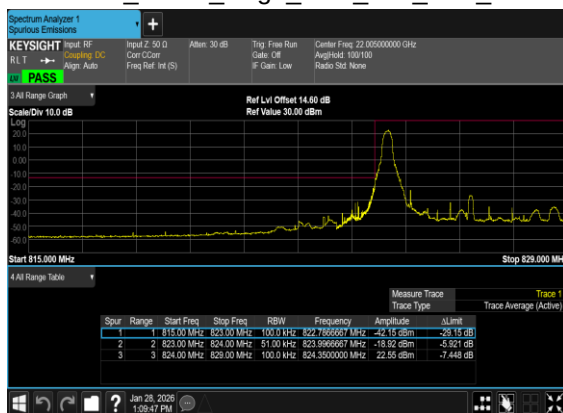
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	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



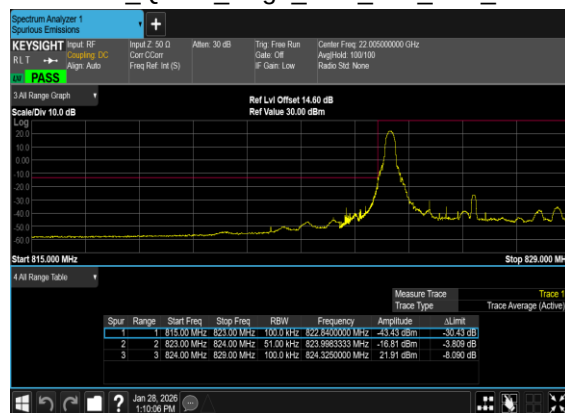
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



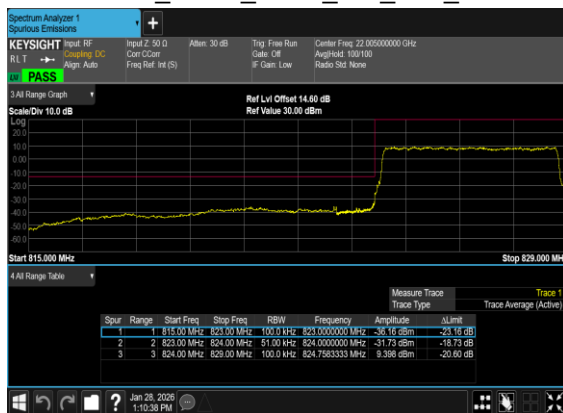
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



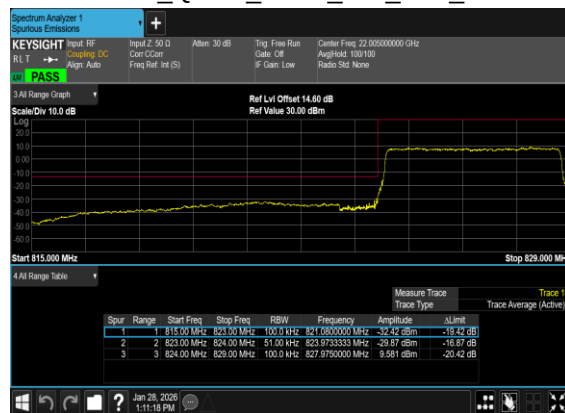
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

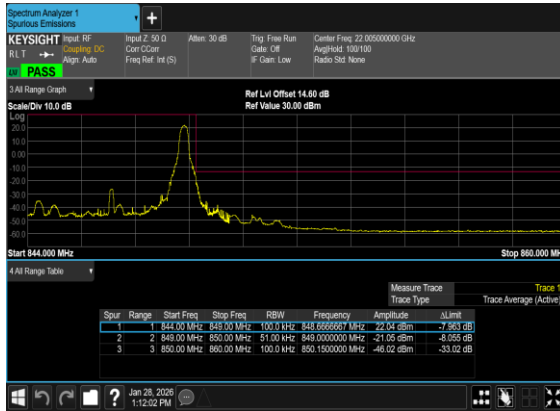


N26(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

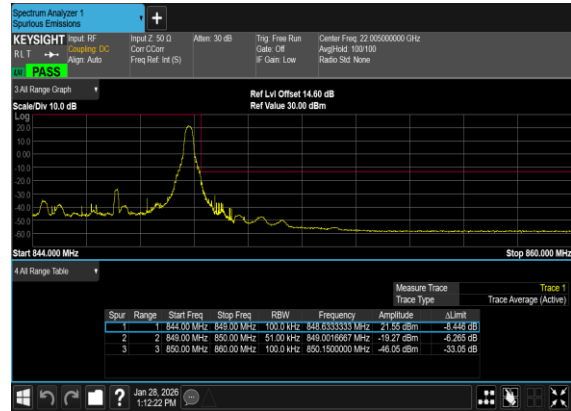




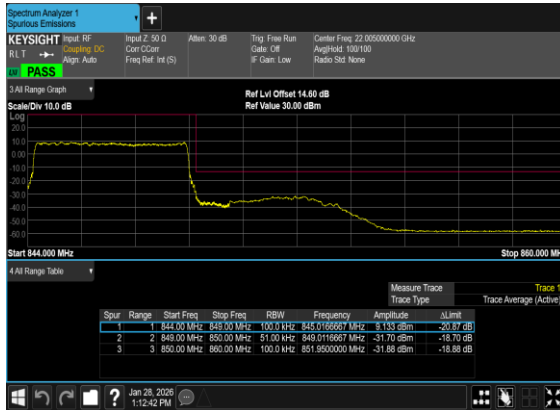
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

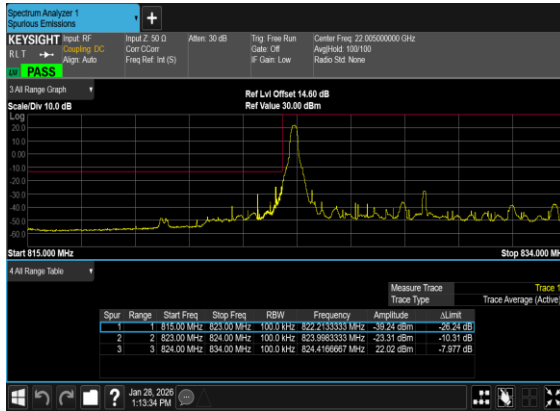


N26(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

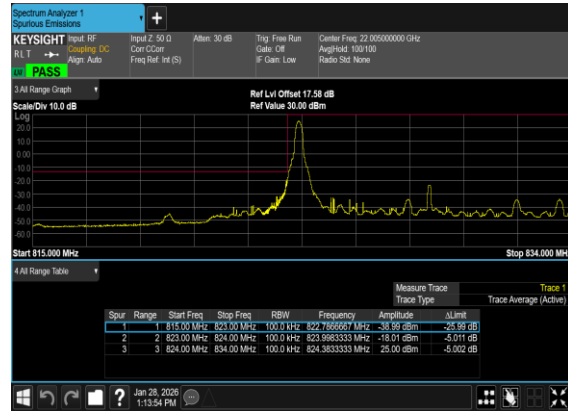




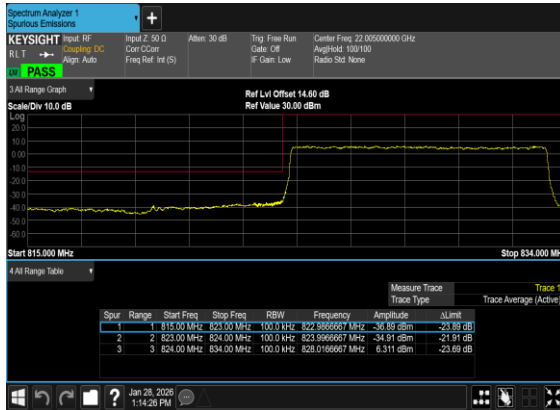
N26(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



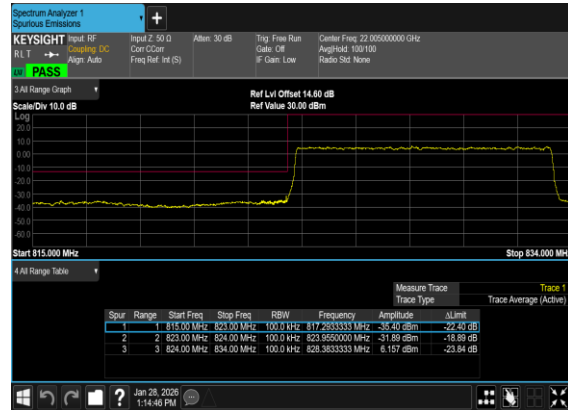
N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

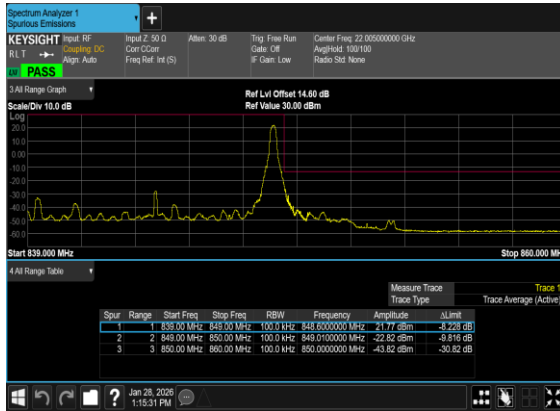


N26(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





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

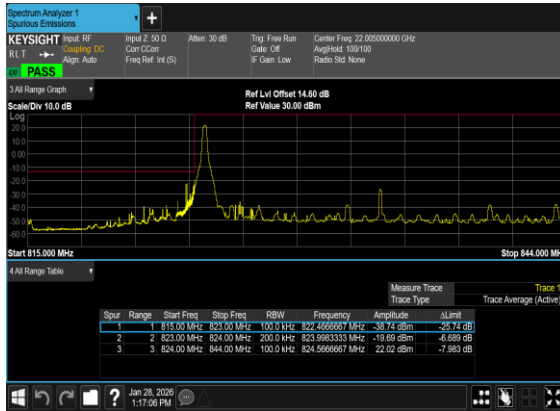


N26(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

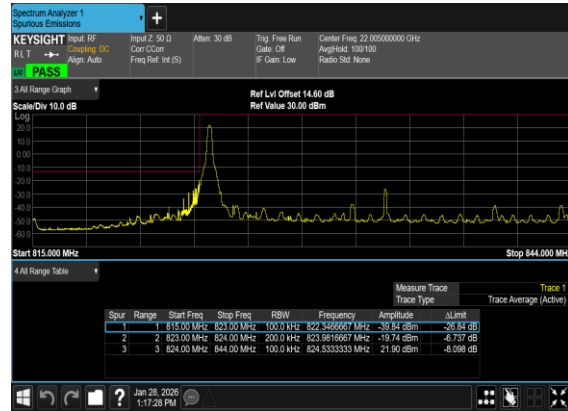




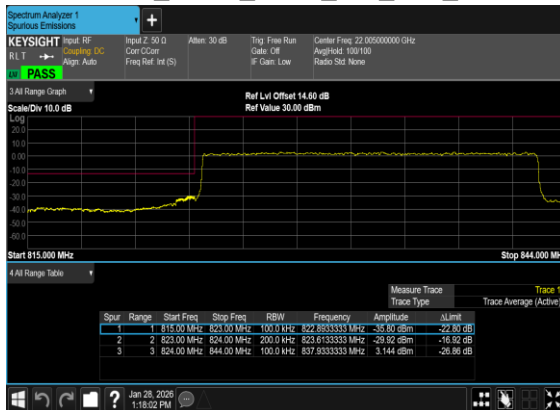
N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



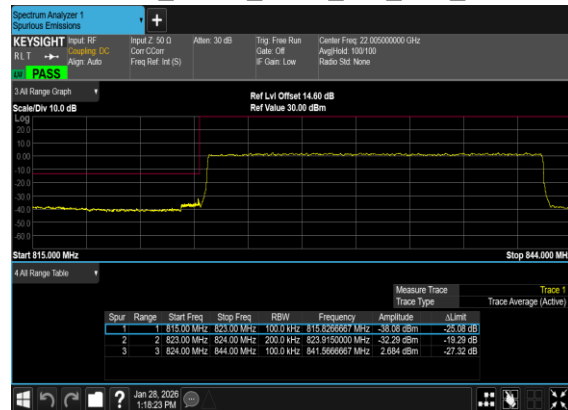
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

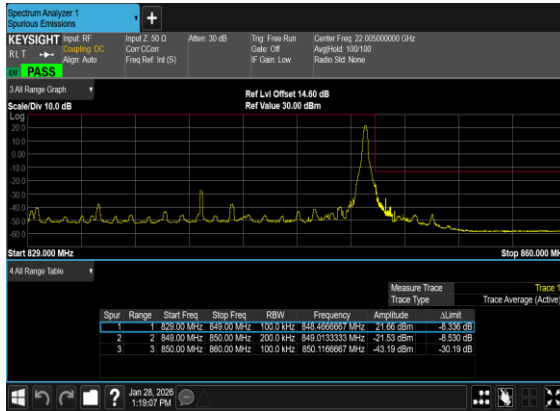


N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

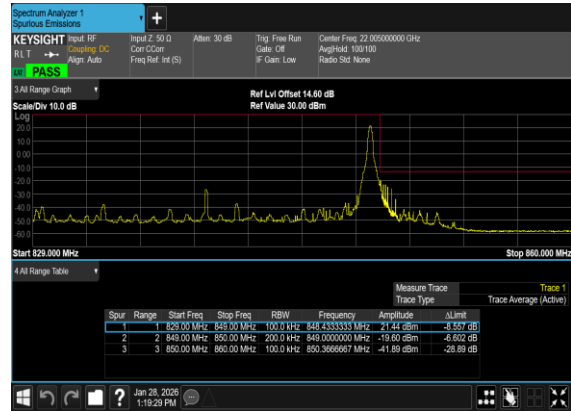




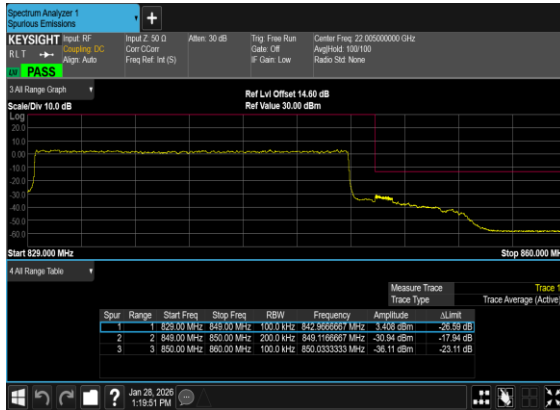
N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



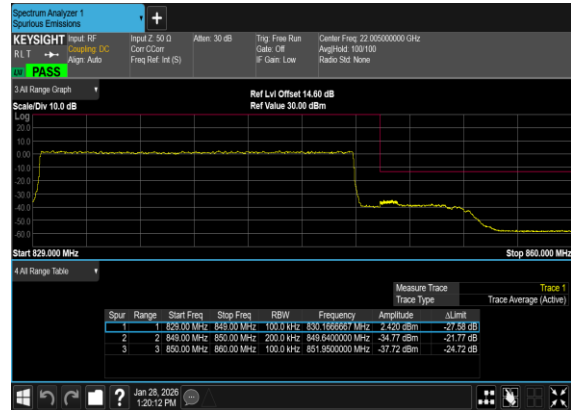
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



**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	4.15	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	3.29	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	5.2	13	PASS
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@0	3.97	13	PASS



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



N26(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





FR1 N71_ANT1

Transmitter Conducted Output Power And ERP, ($G_T - L_C$)=-9dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
71	15	5	133100	665.5	DFT-s-OFDM PI/2 BPSK	1@1	24.00	12.85	0.0193
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	24.35	13.20	0.0209
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	23.21	12.06	0.0161
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.11	12.96	0.0198
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	24.54	13.39	0.0218
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.38	12.23	0.0167
71	15	5	139100	695.5	DFT-s-OFDM PI/2 BPSK	1@1	24.11	12.96	0.0198
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.45	13.30	0.0214
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.38	12.23	0.0167
71	15	10	133600	668	DFT-s-OFDM PI/2 BPSK	1@1	24.01	12.86	0.0193
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.53	13.38	0.0218
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	23.19	12.04	0.0160
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.10	12.95	0.0197
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	24.49	13.34	0.0216
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.30	12.15	0.0164
71	15	10	138600	693	DFT-s-OFDM PI/2 BPSK	1@1	24.04	12.89	0.0195
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.41	13.26	0.0212
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	23.27	12.12	0.0163
71	15	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1@1	24.20	13.05	0.0202
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.13	12.98	0.0199
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.17	12.02	0.0159
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.16	13.01	0.0200
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	24.54	13.39	0.0218
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.30	12.15	0.0164
71	15	15	138100	690.5	DFT-s-OFDM PI/2 BPSK	1@1	24.17	13.02	0.0200
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.52	13.37	0.0217
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.37	12.22	0.0167
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	24.05	12.90	0.0195
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@0	23.38	12.23	0.0167
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	24.14	12.99	0.0199
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	2@0	23.53	12.38	0.0173
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	24.18	13.03	0.0201
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	2@104	23.76	12.61	0.0182
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	100@0	23.72	12.57	0.0181
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.29	13.14	0.0206
71	15	20	134600	673	DFT-s-OFDM QPSK	1@0	23.20	12.05	0.0160



71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	24.39	13.24	0.0211
71	15	20	134600	673	DFT-s-OFDM QPSK	2@0	23.09	11.94	0.0156
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	24.21	13.06	0.0202
71	15	20	134600	673	DFT-s-OFDM QPSK	2@104	23.31	12.16	0.0164
71	15	20	134600	673	DFT-s-OFDM QPSK	100@0	23.19	12.04	0.0160
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.26	12.11	0.0163
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.39	10.24	0.0106
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	19.62	8.47	0.0070
71	15	20	134600	673	DFT-s-OFDM 16 QAM	100@0	22.16	11.01	0.0126
71	15	20	134600	673	DFT-s-OFDM 64 QAM	100@0	21.71	10.56	0.0114
71	15	20	134600	673	DFT-s-OFDM 256 QAM	100@0	19.70	8.55	0.0072
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.76	11.61	0.0145
71	15	20	134600	673	CP-OFDM 16 QAM	1@1	22.35	11.20	0.0132
71	15	20	134600	673	CP-OFDM 64 QAM	1@1	20.61	9.46	0.0088
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.13	12.98	0.0199
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	23.52	12.37	0.0173
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	24.16	13.01	0.0200
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	2@0	23.66	12.51	0.0178
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	24.30	13.15	0.0207
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	2@104	23.71	12.56	0.0180
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	23.77	12.62	0.0183
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	24.46	13.31	0.0214
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	23.26	12.11	0.0163
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	24.48	13.33	0.0215
71	15	20	136100	680.5	DFT-s-OFDM QPSK	2@0	23.20	12.05	0.0160
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	24.27	13.12	0.0205
71	15	20	136100	680.5	DFT-s-OFDM QPSK	2@104	23.27	12.12	0.0163
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	23.26	12.11	0.0163
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.30	12.15	0.0164
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	21.48	10.33	0.0108
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.70	8.55	0.0072
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	100@0	22.26	11.11	0.0129
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	100@0	21.80	10.65	0.0116
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	100@0	19.76	8.61	0.0073
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	22.73	11.58	0.0144
71	15	20	136100	680.5	CP-OFDM 16 QAM	1@1	22.44	11.29	0.0135
71	15	20	136100	680.5	CP-OFDM 64 QAM	1@1	20.74	9.59	0.0091
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	24.24	13.09	0.0204
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@0	23.63	12.48	0.0177
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	24.21	13.06	0.0202
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	2@0	23.78	12.63	0.0183
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	24.29	13.14	0.0206



71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	2@104	23.71	12.56	0.0180
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	100@0	23.69	12.54	0.0179
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	24.43	13.28	0.0213
71	15	20	137600	688	DFT-s-OFDM QPSK	1@0	23.28	12.13	0.0163
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	24.46	13.31	0.0214
71	15	20	137600	688	DFT-s-OFDM QPSK	2@0	23.35	12.20	0.0166
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	24.29	13.14	0.0206
71	15	20	137600	688	DFT-s-OFDM QPSK	2@104	23.32	12.17	0.0165
71	15	20	137600	688	DFT-s-OFDM QPSK	100@0	23.27	12.12	0.0163
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	23.47	12.32	0.0171
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21.59	10.44	0.0111
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	19.78	8.63	0.0073
71	15	20	137600	688	DFT-s-OFDM 16 QAM	100@0	22.27	11.12	0.0129
71	15	20	137600	688	DFT-s-OFDM 64 QAM	100@0	21.80	10.65	0.0116
71	15	20	137600	688	DFT-s-OFDM 256 QAM	100@0	19.79	8.64	0.0073
71	15	20	137600	688	CP-OFDM QPSK	1@1	22.85	11.70	0.0148
71	15	20	137600	688	CP-OFDM 16 QAM	1@1	22.55	11.40	0.0138
71	15	20	137600	688	CP-OFDM 64 QAM	1@1	20.84	9.69	0.0093



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0019	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0021	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0039	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0024	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0048	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0001	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0034	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0040	PASS	50°C



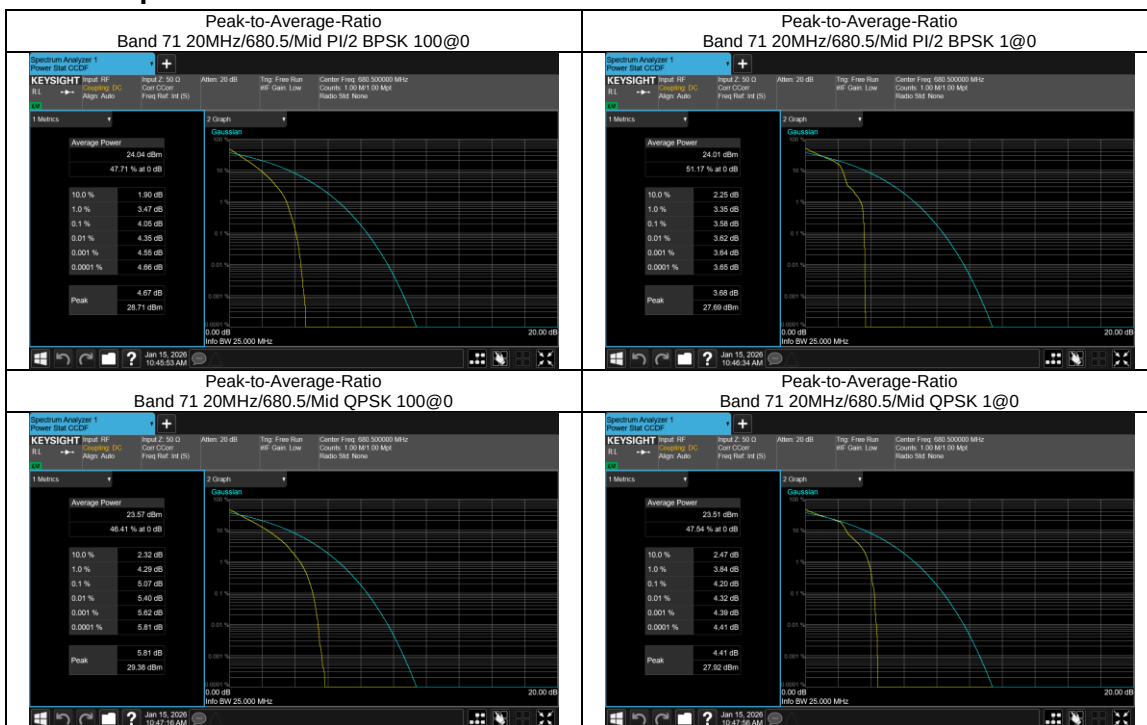
Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	4.04	13
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@0	3.58	13
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.07	13
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	4.2	13



Test Graphs





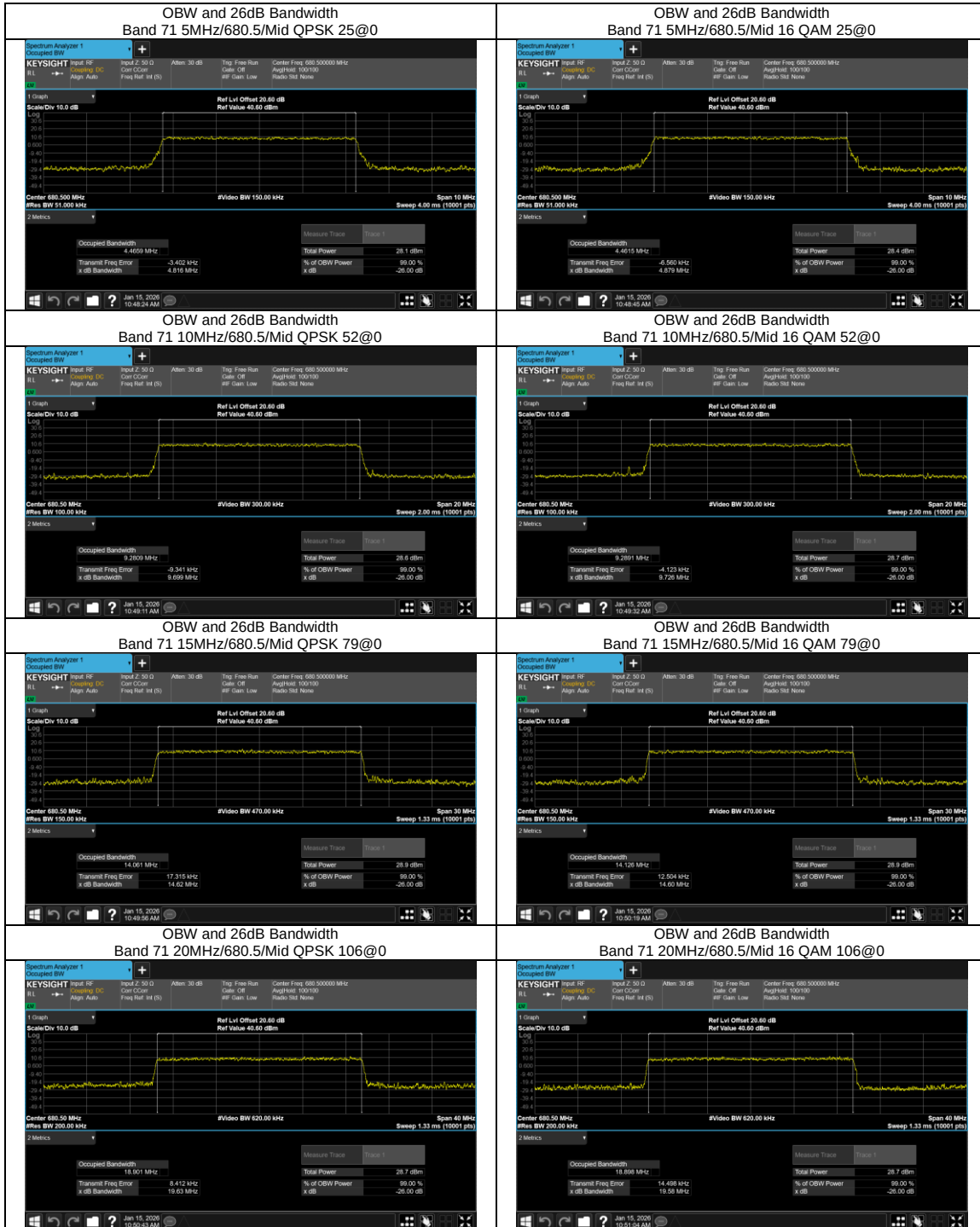
Occupied Bandwidth

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.47	4.816
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.46	4.879
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.28	9.699
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.29	9.726
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.06	14.62
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.13	14.6
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.9	19.63
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.9	19.58



Test Graphs





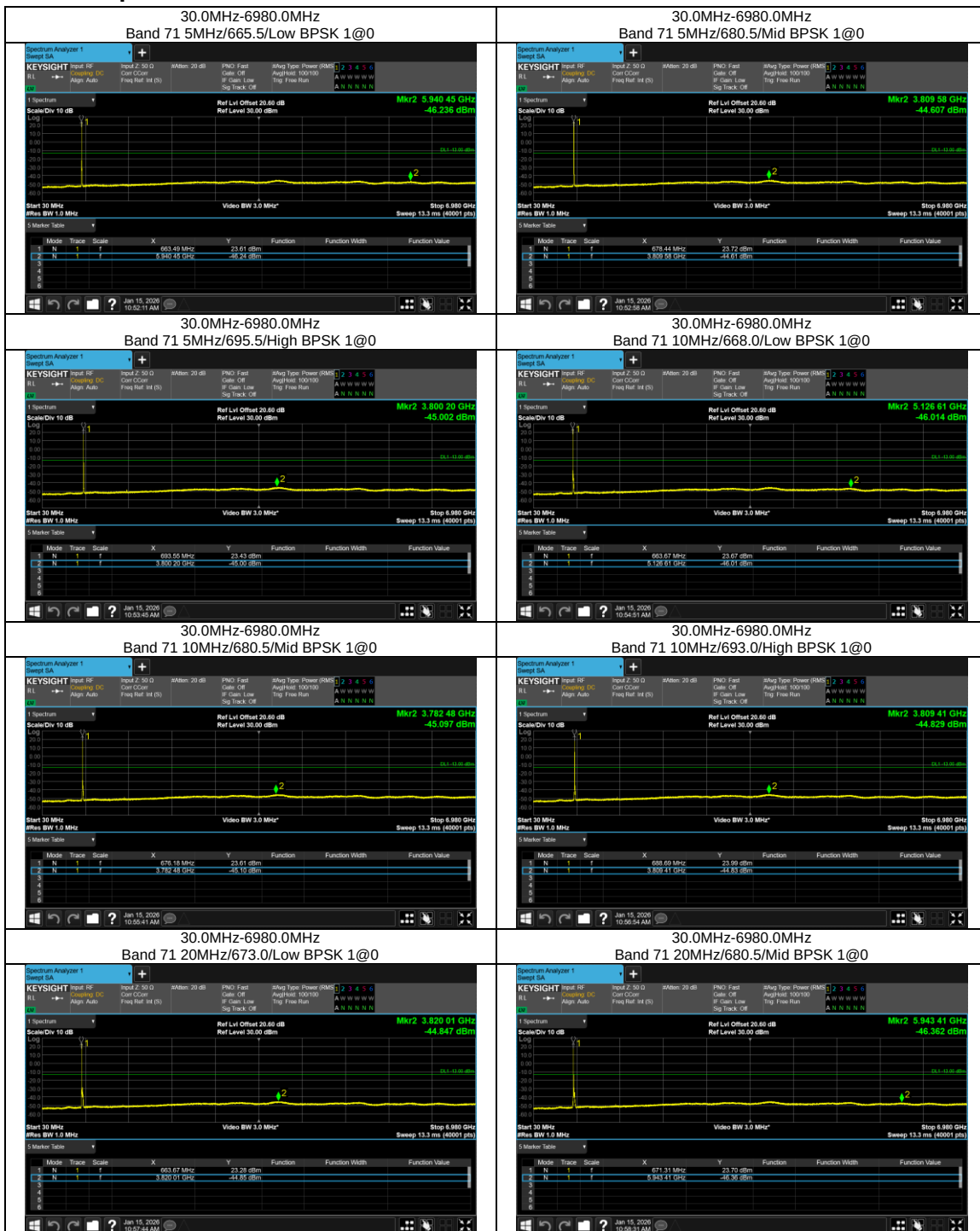
Conducted Spurious Emissions

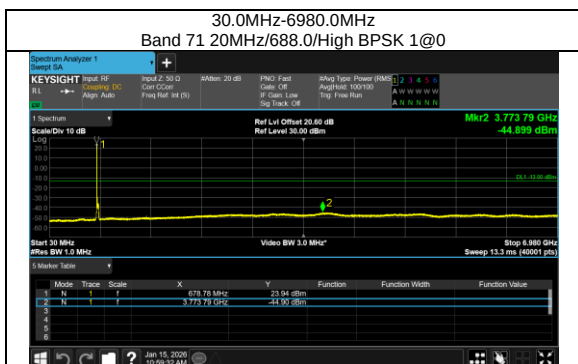
Test Result

NR Band	SCS	Band Width	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	See graph	Pass
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	See graph	Pass



Test Graphs







Conducted Band Edge

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	See graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	See graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	See graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	See graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	See graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	See graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	See graph	PASS
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	See graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	See graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	See graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	See graph	PASS
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	See graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	See graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	See graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	See graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	See graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	See graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	See graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	See graph	PASS



Test Graphs

