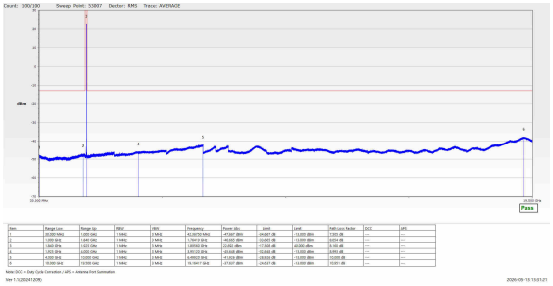
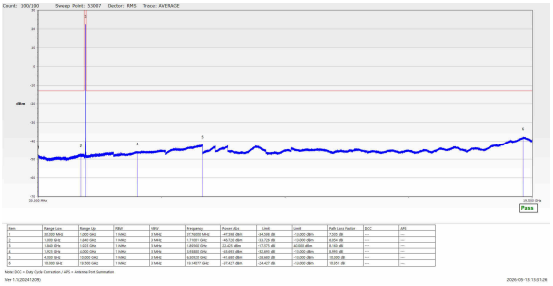
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

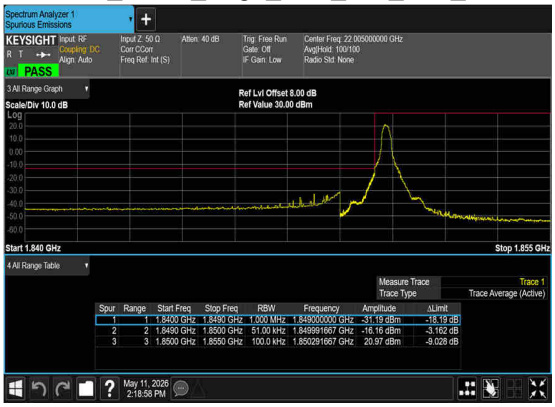


Conducted Band Edge

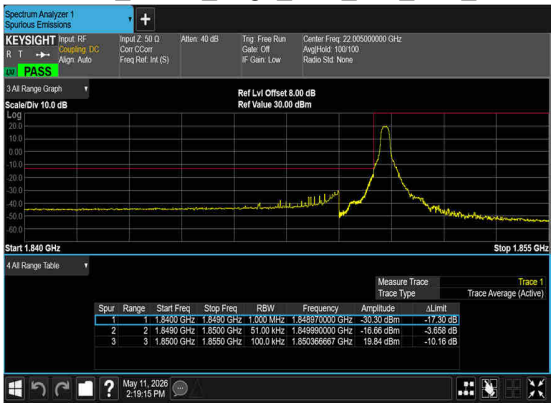
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	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	10	371000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
25	15	10	371000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
25	15	10	371000	1855.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
25	15	10	371000	1855.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
25	15	10	382000	1910.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
25	15	10	382000	1910.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
25	15	10	382000	1910.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
25	15	10	382000	1910.0	DFT-s-OFDM QPSK	50@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**

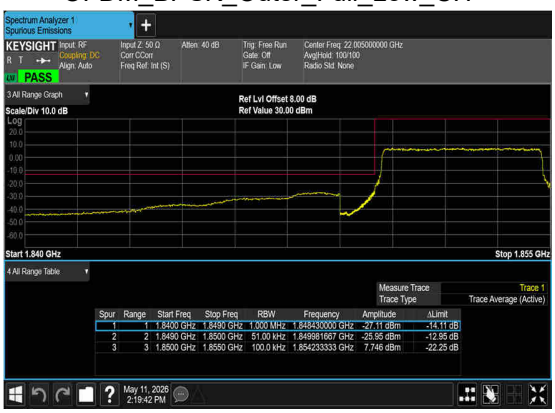
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



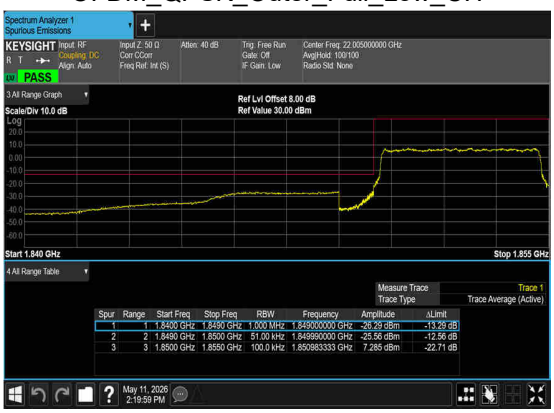
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



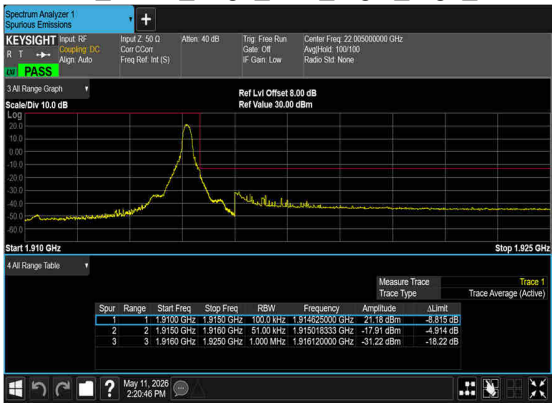
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



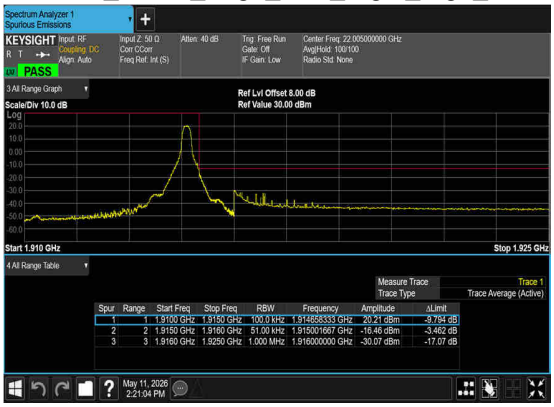
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



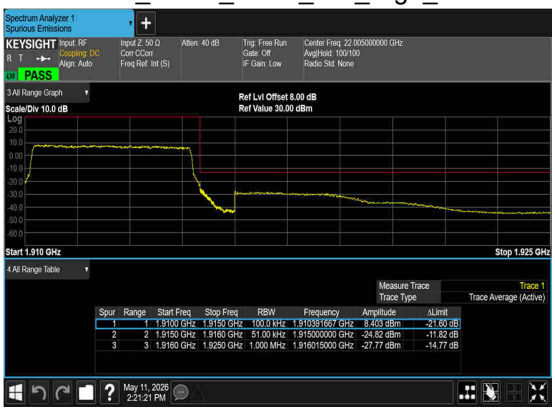
N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



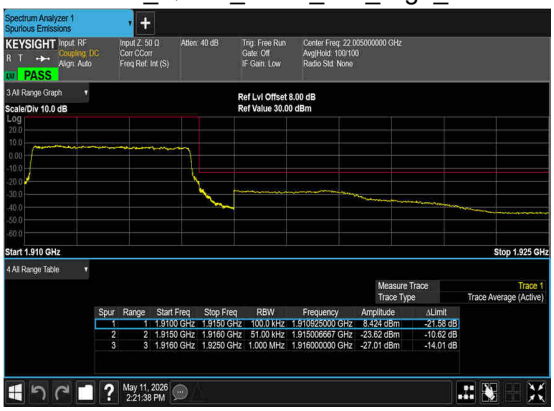
N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



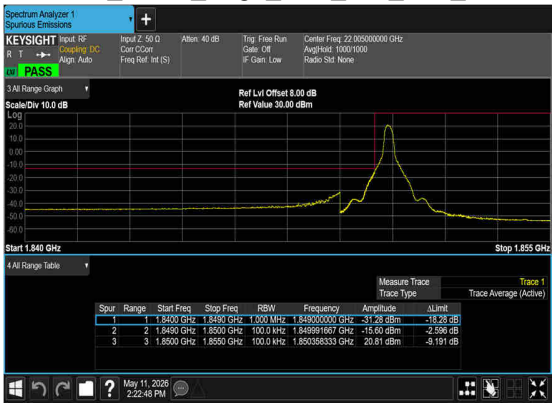
N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



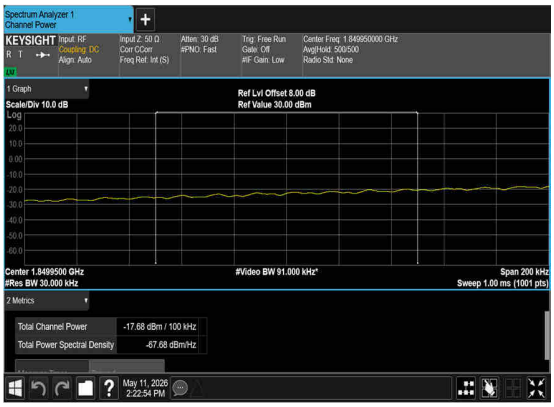
N25(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



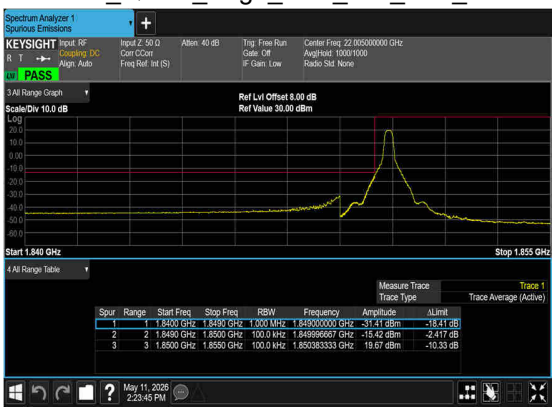
N25(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



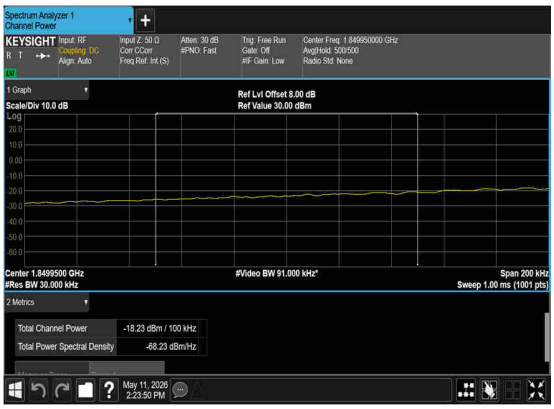
N25(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



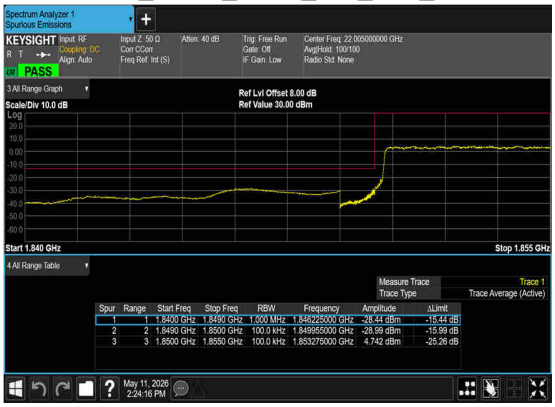
N25(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



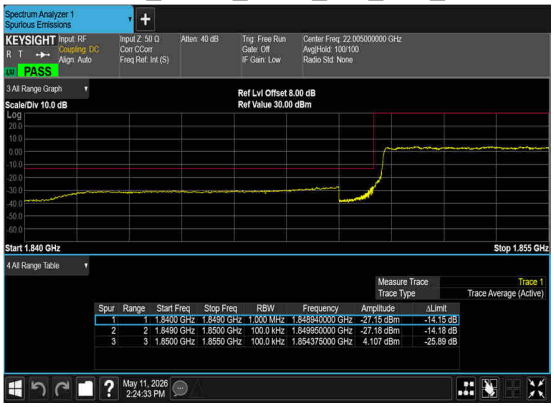
N25(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



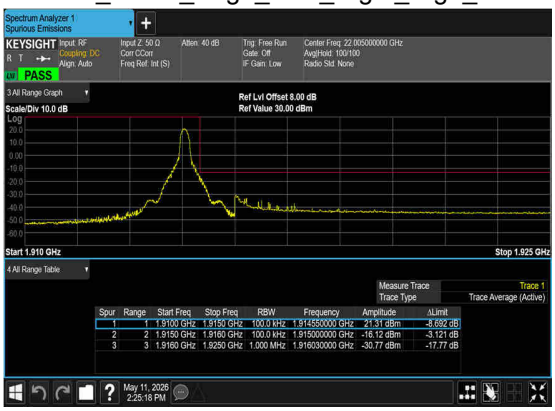
N25(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



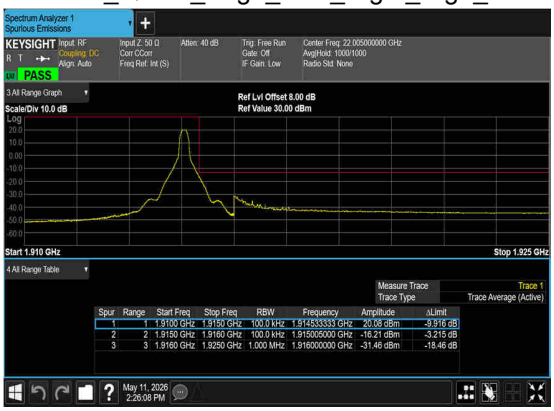
N25(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



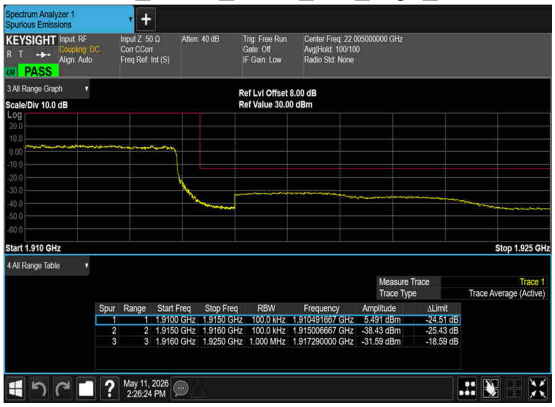
N25(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



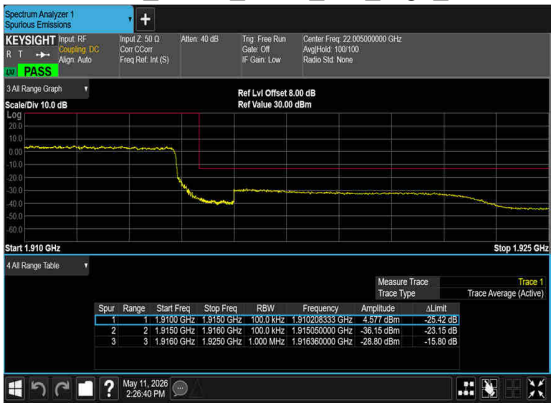
N25(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



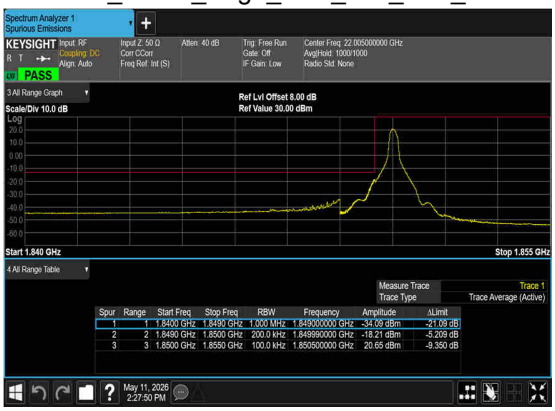
N25(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



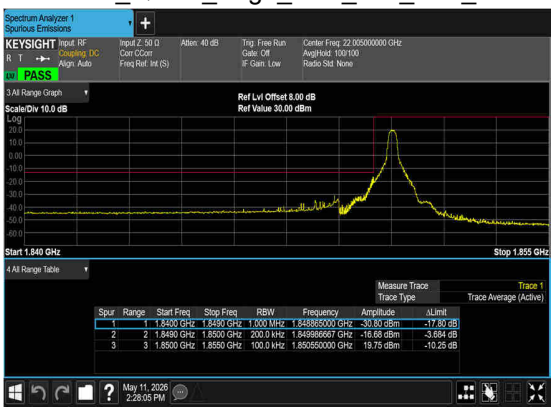
N25(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



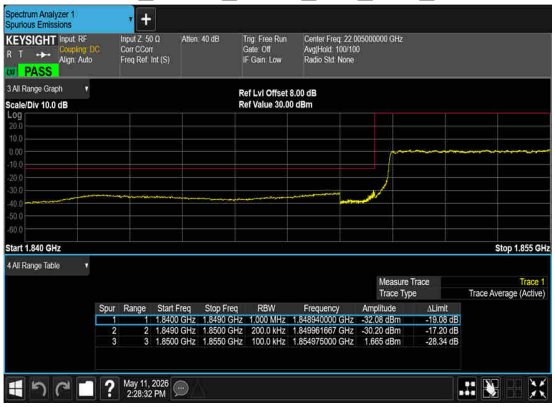
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



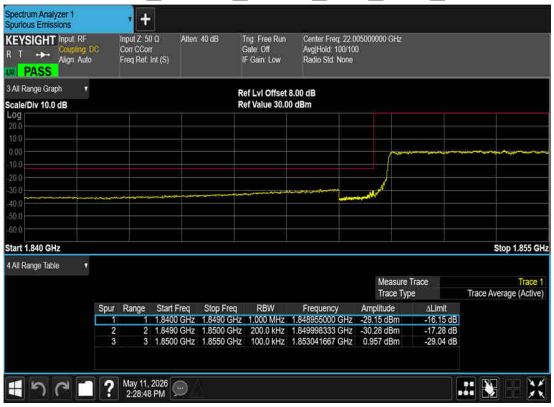
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



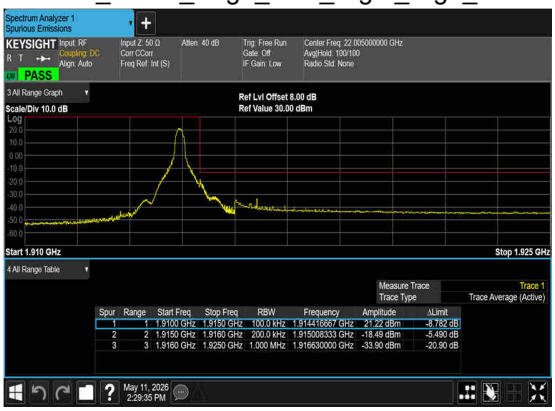
N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



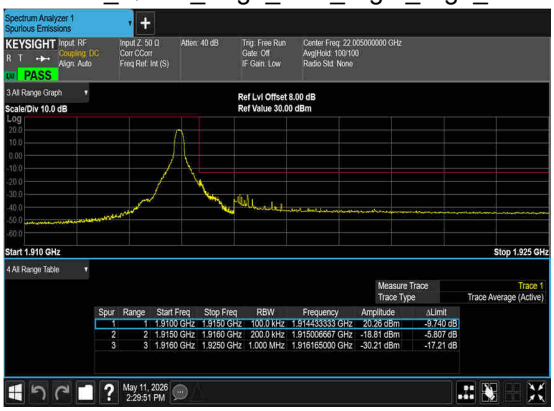
N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



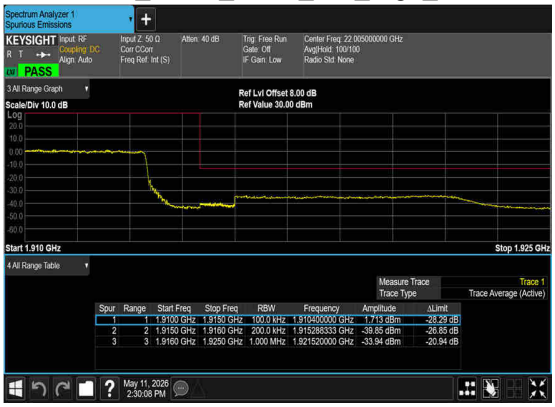
N25(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



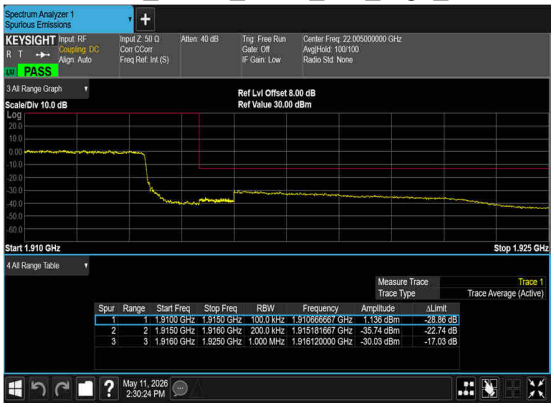
N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N25(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N25 - RedCap

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=4.0 dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	12@6	23.74	27.74	0.5943
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.64	27.64	0.5808
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@23	23.81	27.81	0.6039
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.63	26.63	0.4603
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.83	26.83	0.4819
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.82	26.82	0.4808
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	12@6	23.71	27.71	0.5902
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.75	27.75	0.5957
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@23	23.67	27.67	0.5848
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	12@6	22.73	26.73	0.4710
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.86	26.86	0.4853
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@23	22.86	26.86	0.4853
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	12@6	23.8	27.8	0.6026
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	23.69	27.69	0.5875
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@23	23.77	27.77	0.5984
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	12@6	22.73	26.73	0.4710
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.63	26.63	0.4603
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@23	22.76	26.76	0.4742
25	15	10	371000	1855	DFT-s-OFDM QPSK	25@12	23.83	27.83	0.6067
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.79	27.79	0.6012
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@50	23.86	27.86	0.6109
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	25@12	22.87	26.87	0.4864
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.88	26.88	0.4875
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@50	22.99	26.99	0.5000
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	25@12	23.86	27.86	0.6109
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.81	27.81	0.6039
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@50	23.8	27.8	0.6026
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	25@12	22.89	26.89	0.4887
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.97	26.97	0.4977
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@50	22.98	26.98	0.4989
25	15	10	382000	1910	DFT-s-OFDM QPSK	25@12	23.87	27.87	0.6124
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	22.82	26.82	0.4808
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@50	23.83	27.83	0.6067
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	25@12	22.86	26.86	0.4853
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.87	26.87	0.4864
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@50	22.96	26.96	0.4966
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	36@18	23.82	27.82	0.6053
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.66	27.66	0.5834

25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@77	23.66	27.66	0.5834
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.88	26.88	0.4875
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.61	26.61	0.4581
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.78	26.78	0.4764
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	36@18	23.8	27.8	0.6026
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.7	27.7	0.5888
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@77	23.71	27.71	0.5902
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	36@18	22.88	26.88	0.4875
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.77	26.77	0.4753
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@77	22.78	26.78	0.4764
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	36@18	23.73	27.73	0.5929
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.87	27.87	0.6124
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@77	23.78	27.78	0.5998
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	36@18	22.73	26.73	0.4710
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.8	26.8	0.4786
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@77	22.9	26.9	0.4898
25	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.81	27.81	0.6039
25	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.56	27.56	0.5702
25	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.66	27.66	0.5834
25	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	23.86	27.86	0.6109
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.59	27.59	0.5741
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	23.69	27.69	0.5875
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	50@25	22.82	26.82	0.4808
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.67	26.67	0.4645
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@104	22.72	26.72	0.4699
25	15	20	372000	1860	DFT-s-OFDM 64 QAM	50@25	21.27	25.27	0.3365
25	15	20	372000	1860	DFT-s-OFDM 64 QAM	1@1	20.7	24.7	0.2951
25	15	20	372000	1860	DFT-s-OFDM 64 QAM	1@104	20.72	24.72	0.2965
25	15	20	372000	1860	DFT-s-OFDM 256 QAM	50@25	19.26	23.26	0.2118
25	15	20	372000	1860	DFT-s-OFDM 256 QAM	1@1	19.06	23.06	0.2023
25	15	20	372000	1860	DFT-s-OFDM 256 QAM	1@104	18.94	22.94	0.1968
25	15	20	372000	1860	CP-OFDM QPSK	53@26	22.3	26.3	0.4266
25	15	20	372000	1860	CP-OFDM QPSK	1@1	22.32	26.32	0.4285
25	15	20	372000	1860	CP-OFDM QPSK	1@104	22.27	26.27	0.4236
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	50@25	23.78	27.78	0.5998
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	27.63	0.5794
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@104	23.67	27.67	0.5848
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	50@25	23.85	27.85	0.6095
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.73	27.73	0.5929
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@104	23.74	27.74	0.5943
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	50@25	22.9	26.9	0.4898
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.81	26.81	0.4797
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@104	22.9	26.9	0.4898
25	15	20	376500	1882.5	DFT-s-OFDM 64 QAM	50@25	21.2	25.2	0.3311

25	15	20	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	20.8	24.8	0.3020
25	15	20	376500	1882.5	DFT-s-OFDM 64 QAM	1@104	20.73	24.73	0.2972
25	15	20	376500	1882.5	DFT-s-OFDM 256 QAM	50@25	19.33	23.33	0.2153
25	15	20	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	19.21	23.21	0.2094
25	15	20	376500	1882.5	DFT-s-OFDM 256 QAM	1@104	19.41	23.41	0.2193
25	15	20	376500	1882.5	CP-OFDM QPSK	53@26	22.24	26.24	0.4207
25	15	20	376500	1882.5	CP-OFDM QPSK	1@1	22.33	26.33	0.4295
25	15	20	376500	1882.5	CP-OFDM QPSK	1@104	22.29	26.29	0.4256
25	15	20	381000	1905	DFT-s-OFDM PI/2 BPSK	50@25	23.84	27.84	0.6081
25	15	20	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	23.73	27.73	0.5929
25	15	20	381000	1905	DFT-s-OFDM PI/2 BPSK	1@104	23.78	27.78	0.5998
25	15	20	381000	1905	DFT-s-OFDM QPSK	50@25	23.89	27.89	0.6152
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	23.63	27.63	0.5794
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@104	23.67	27.67	0.5848
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	50@25	22.87	26.87	0.4864
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.81	26.81	0.4797
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@104	23	27	0.5012
25	15	20	381000	1905	DFT-s-OFDM 64 QAM	50@25	21.21	25.21	0.3319
25	15	20	381000	1905	DFT-s-OFDM 64 QAM	1@1	20.9	24.9	0.3090
25	15	20	381000	1905	DFT-s-OFDM 64 QAM	1@104	20.78	24.78	0.3006
25	15	20	381000	1905	DFT-s-OFDM 256 QAM	50@25	19.33	23.33	0.2153
25	15	20	381000	1905	DFT-s-OFDM 256 QAM	1@1	19.38	23.38	0.2178
25	15	20	381000	1905	DFT-s-OFDM 256 QAM	1@104	19.18	23.18	0.2080
25	15	20	381000	1905	CP-OFDM QPSK	53@26	22.38	26.38	0.4345
25	15	20	381000	1905	CP-OFDM QPSK	1@1	22.31	26.31	0.4276
25	15	20	381000	1905	CP-OFDM QPSK	1@104	22.2	26.2	0.4169

Software Version: 23.06.1602

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Transmitter Conducted Output Power And ERP, (G_T - L_C)= 3.0 dB

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	12@6	24.66	25.51	0.3556
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	24.27	25.12	0.3251
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@23	24.73	25.58	0.3614
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	12@6	23.65	24.5	0.2818
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	23.3	24.15	0.2600
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@23	23.84	24.69	0.2944
26	15	5	167300	836.5	DFT-s-OFDM QPSK	12@6	24.74	25.59	0.3622
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	24.2	25.05	0.3199
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@23	24.75	25.6	0.3631
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	12@6	23.56	24.41	0.2761
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.22	24.07	0.2553
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@23	23.7	24.55	0.2851
26	15	5	169300	846.5	DFT-s-OFDM QPSK	12@6	24.68	25.53	0.3573
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	24.17	25.02	0.3177
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@23	24.55	25.4	0.3467
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	12@6	23.54	24.39	0.2748
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	23.24	24.09	0.2564
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@23	23.69	24.54	0.2844
26	15	10	165800	829	DFT-s-OFDM QPSK	25@12	24.63	25.48	0.3532
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	24.86	25.71	0.3724
26	15	10	165800	829	DFT-s-OFDM QPSK	1@50	24.75	25.6	0.3631
26	15	10	165800	829	DFT-s-OFDM 16 QAM	25@12	23.69	24.54	0.2844
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	23.87	24.72	0.2965
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@50	23.75	24.6	0.2884
26	15	10	167300	836.5	DFT-s-OFDM QPSK	25@12	24.71	25.56	0.3597
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	24.7	25.55	0.3589

26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@50	24.66	25.51	0.3556
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	25@12	23.66	24.51	0.2825
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.8	24.65	0.2917
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@50	23.78	24.63	0.2904
26	15	10	168800	844	DFT-s-OFDM QPSK	25@12	24.66	25.51	0.3556
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	24.56	25.41	0.3475
26	15	10	168800	844	DFT-s-OFDM QPSK	1@50	24.67	25.52	0.3565
26	15	10	168800	844	DFT-s-OFDM 16 QAM	25@12	23.56	24.41	0.2761
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	23.79	24.64	0.2911
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@50	23.69	24.54	0.2844
26	15	15	166300	831.5	DFT-s-OFDM QPSK	36@18	24.55	25.4	0.3467
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	24.62	25.47	0.3524
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@77	24.55	25.4	0.3467
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	36@18	23.54	24.39	0.2748
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	23.6	24.45	0.2786
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@77	23.58	24.43	0.2773
26	15	15	167300	836.5	DFT-s-OFDM QPSK	36@18	24.49	25.34	0.3420
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	24.54	25.39	0.3459
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@77	24.51	25.36	0.3436
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	36@18	23.47	24.32	0.2704
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.71	24.56	0.2858
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@77	23.55	24.4	0.2754
26	15	15	168300	841.5	DFT-s-OFDM QPSK	36@18	24.5	25.35	0.3428
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	24.62	25.47	0.3524
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@77	24.46	25.31	0.3396
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	36@18	23.46	24.31	0.2698
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	23.59	24.44	0.2780
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@77	23.54	24.39	0.2748
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	24.67	25.52	0.3565
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	24.51	25.36	0.3436
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	24.53	25.38	0.3451

26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	24.62	25.47	0.3524
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	24.81	25.66	0.3681
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	24.7	25.55	0.3589
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	23.63	24.48	0.2805
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	23.8	24.65	0.2917
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	23.66	24.51	0.2825
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	22.18	23.03	0.2009
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	22.38	23.23	0.2104
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	22.27	23.12	0.2051
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	20.06	20.91	0.1233
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.96	20.81	0.1205
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	19.59	20.44	0.1107
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	24.63	25.48	0.3532
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	24.61	25.46	0.3516
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	24.52	25.37	0.3443
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	24.66	25.51	0.3556
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	24.87	25.72	0.3733
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	24.7	25.55	0.3589
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	23.63	24.48	0.2805
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	23.91	24.76	0.2992
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	23.66	24.51	0.2825
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	22.19	23.04	0.2014
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	22.41	23.26	0.2118
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	22.17	23.02	0.2004
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	20.09	20.94	0.1242
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.99	20.84	0.1213
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	19.53	20.38	0.1091
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	24.57	25.42	0.3483
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	24.53	25.38	0.3451
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	24.53	25.38	0.3451
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	24.73	25.58	0.3614

26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	24.69	25.54	0.3581
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	24.62	25.47	0.3524
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	23.58	24.43	0.2773
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	23.76	24.61	0.2891
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	23.66	24.51	0.2825
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	22.05	22.9	0.1950
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	22.27	23.12	0.2051
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	22.21	23.06	0.2023
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	20.11	20.96	0.1247
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	20.04	20.89	0.1227
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	19.49	20.34	0.1081

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	11.3	**PASS**	NV
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	12.5	**PASS**	LV
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	18.9	**PASS**	HV
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	18.8	**PASS**	-30℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	11.5	**PASS**	-20℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	16.8	**PASS**	-10℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	15.4	**PASS**	0℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	16.5	**PASS**	10℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	11.3	**PASS**	20℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	11.1	**PASS**	30℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	17.4	**PASS**	40℃
26	15	20	166800	834	DFT-s-OFDM QPSK	100@0	16.3	**PASS**	50℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	15.2	**PASS**	NV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	13.8	**PASS**	LV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	7.4	**PASS**	HV
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	18.1	**PASS**	-30℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	8.6	**PASS**	-20℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	11.1	**PASS**	-10℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	12	**PASS**	0℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	18.6	**PASS**	10℃

26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	17.3	**PASS**	20℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	10.7	**PASS**	30℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	18	**PASS**	40℃
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	19.5	**PASS**	50℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	12.5	**PASS**	NV
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	19.4	**PASS**	LV
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	10.7	**PASS**	HV
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	10.9	**PASS**	-30℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	16.6	**PASS**	-20℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	12.7	**PASS**	-10℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	18	**PASS**	0℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	18.8	**PASS**	10℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	12.5	**PASS**	20℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	17.5	**PASS**	30℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	12	**PASS**	40℃
26	15	20	167800	839	DFT-s-OFDM QPSK	100@0	16.5	**PASS**	50℃

|MAX(△f)| =19.5 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
f_L – |MAX(△f)|	824.889621	≧ 824 MHz	PASS
f_H + |MAX(△f)|	848.231522	≦ 849 MHz	

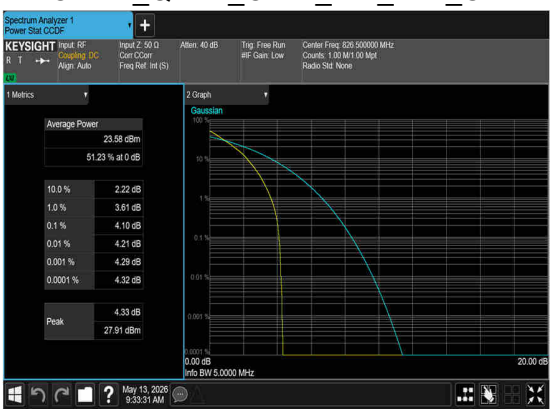
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	15	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	25@0	3.32	13	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	4.1	13	**PASS**
26	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.06	13	**PASS**
26	15	5	167300	836.5	DFT-s-OFDM QPSK	25@0	4.73	13	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	25@0	3.83	13	**PASS**
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	4.58	13	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM PI/2 BPSK	50@0	3.65	13	**PASS**
26	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	4.43	13	**PASS**
26	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	4.14	13	**PASS**
26	15	10	167300	836.5	DFT-s-OFDM QPSK	50@0	4.78	13	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM PI/2 BPSK	50@0	4.13	13	**PASS**
26	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	4.9	13	**PASS**
26	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	75@0	3.53	13	**PASS**
26	15	15	166300	831.5	DFT-s-OFDM QPSK	75@0	4.94	13	**PASS**
26	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	3.63	13	**PASS**
26	15	15	167300	836.5	DFT-s-OFDM QPSK	75@0	4.76	13	**PASS**
26	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	75@0	3.11	13	**PASS**
26	15	15	168300	841.5	DFT-s-OFDM QPSK	75@0	4.83	13	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM PI/2 BPSK	100@0	4.26	13	**PASS**
26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	4.75	13	**PASS**

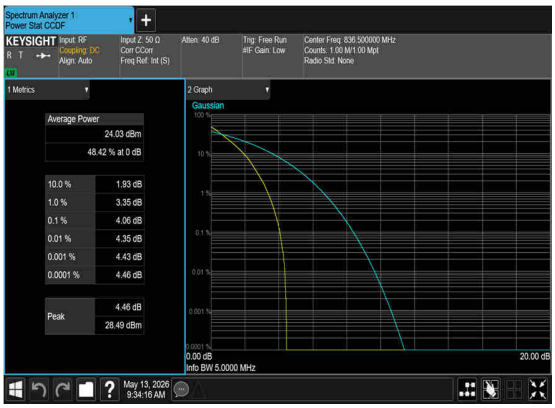
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.04	13	**PASS**
26	15	20	167300	836.5	DFT-s-OFDM QPSK	100@0	4.69	13	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM PI/2 BPSK	100@0	3.86	13	**PASS**
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	4.77	13	**PASS**

N26(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

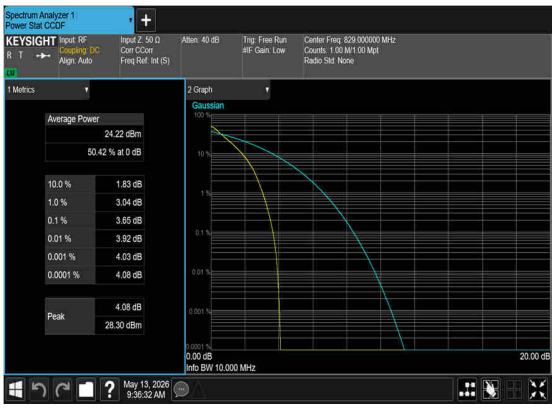


N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

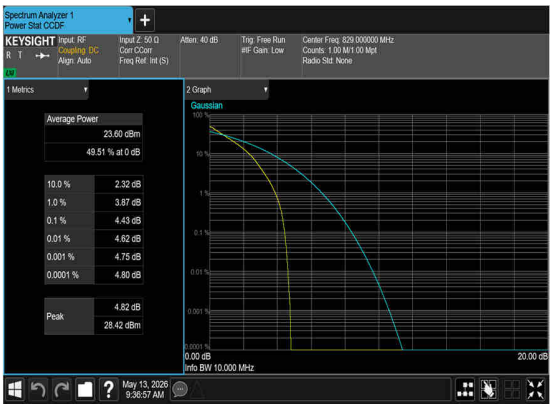
N26(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N26(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

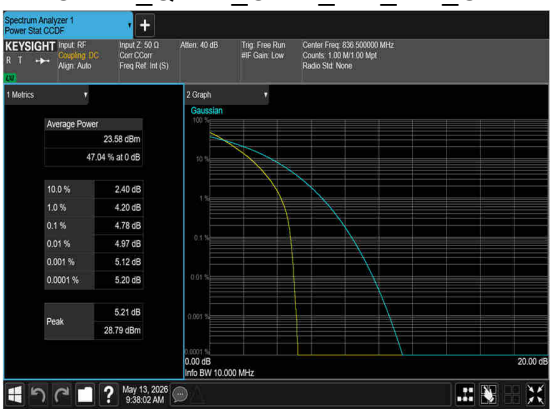


N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

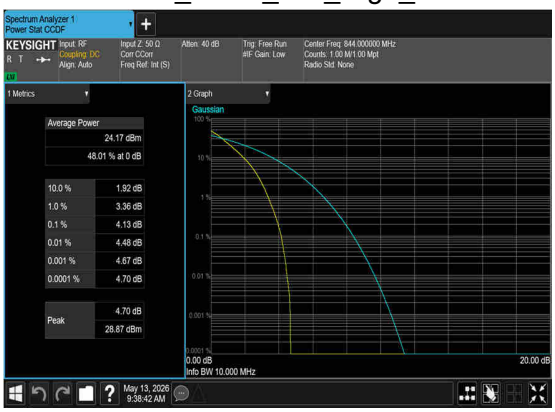


N26(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



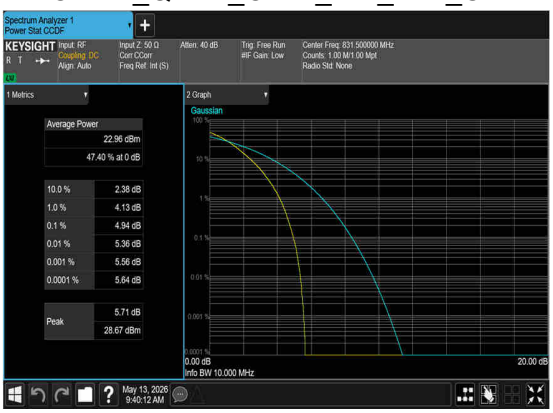
N26(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



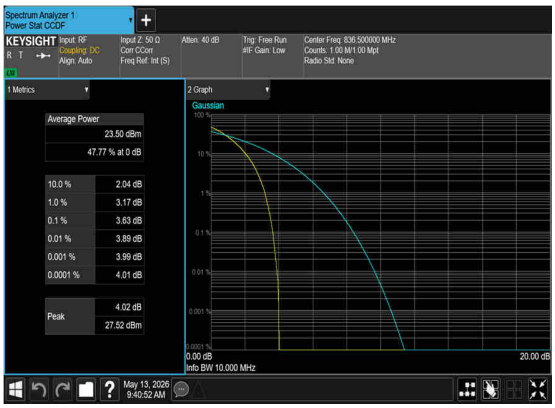
N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N26(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

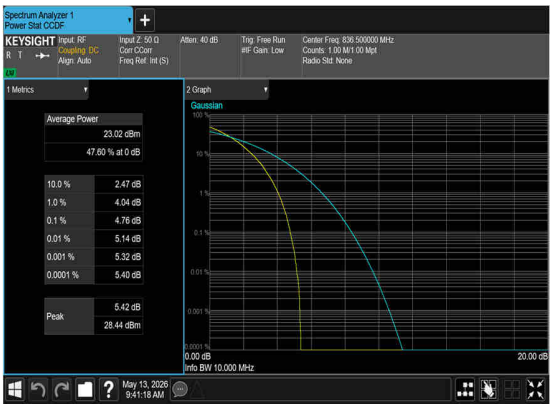
N26(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



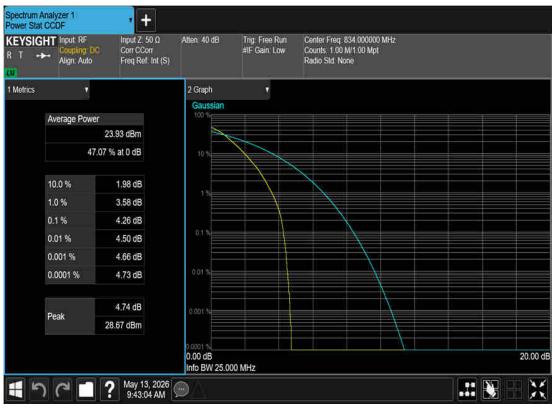
N26(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



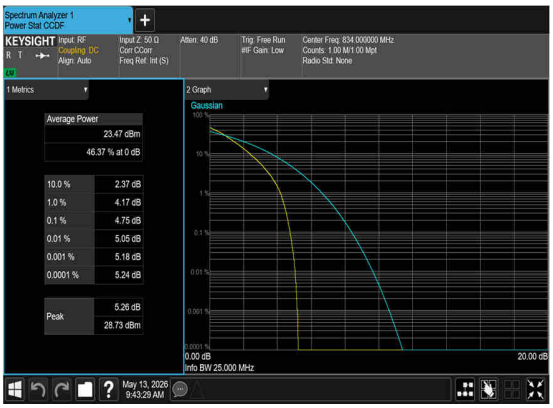
N26(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

N26(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

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

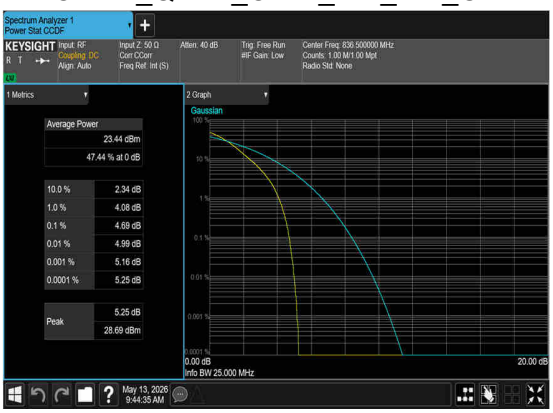


N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



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

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



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

N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

Occupied Bandwidth

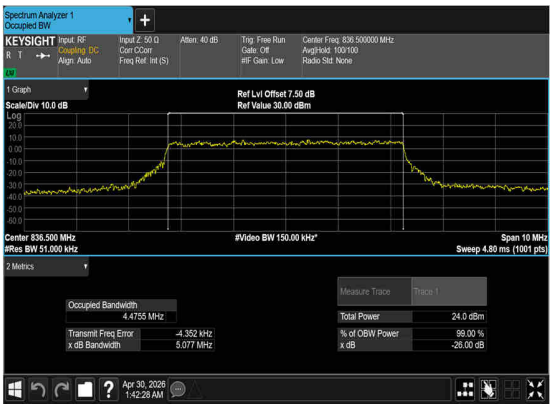
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
26	15	5	167300	836.5	CP-OFDM QPSK	25@0	4.4642	4.982
26	15	5	167300	836.5	CP-OFDM 16 QAM	25@0	4.4909	5.094
26	15	5	167300	836.5	CP-OFDM 64 QAM	25@0	4.4605	5.028
26	15	5	167300	836.5	CP-OFDM 256 QAM	25@0	4.4755	5.077
26	15	10	167300	836.5	CP-OFDM QPSK	52@0	9.2705	10.03
26	15	10	167300	836.5	CP-OFDM 16 QAM	52@0	9.2616	10.03
26	15	10	167300	836.5	CP-OFDM 64 QAM	52@0	9.2745	9.882
26	15	10	167300	836.5	CP-OFDM 256 QAM	52@0	9.2858	10.02
26	15	15	167300	836.5	CP-OFDM QPSK	79@0	14.078	14.86
26	15	15	167300	836.5	CP-OFDM 16 QAM	79@0	14.075	14.85
26	15	15	167300	836.5	CP-OFDM 64 QAM	79@0	14.088	14.81
26	15	15	167300	836.5	CP-OFDM 256 QAM	79@0	14.08	14.82
26	15	20	167300	836.5	CP-OFDM QPSK	106@0	18.849	19.78
26	15	20	167300	836.5	CP-OFDM 16 QAM	106@0	18.907	19.73
26	15	20	167300	836.5	CP-OFDM 64 QAM	106@0	18.884	19.69
26	15	20	167300	836.5	CP-OFDM 256 QAM	106@0	18.876	19.66

N26(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N26(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

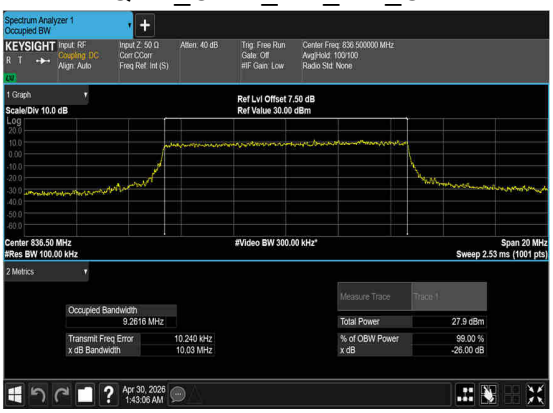
N26(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N26(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



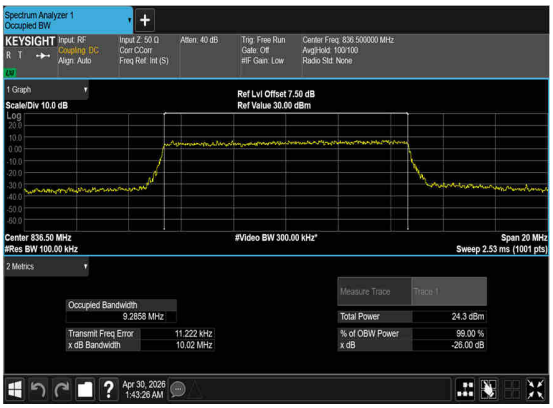
N26(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N26(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



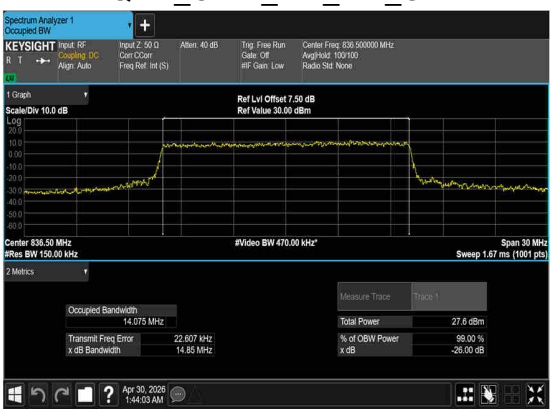
N26(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

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

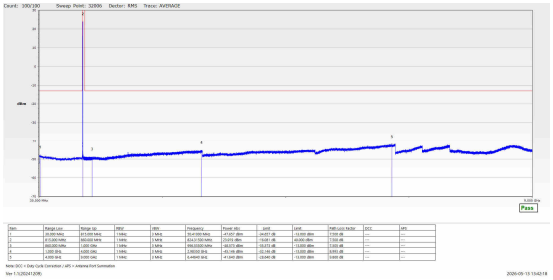
N26(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

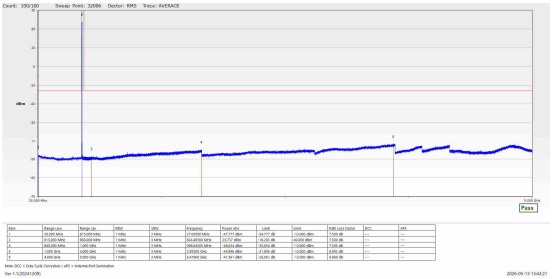
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph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

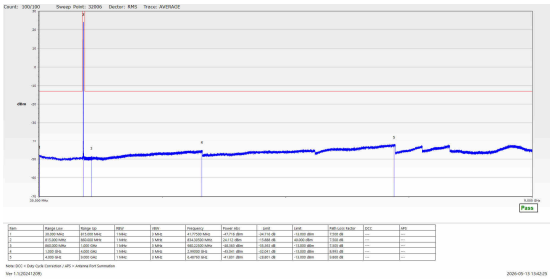
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



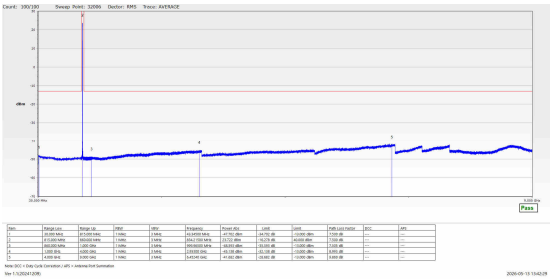
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



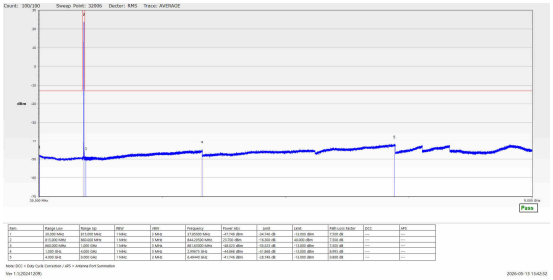
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



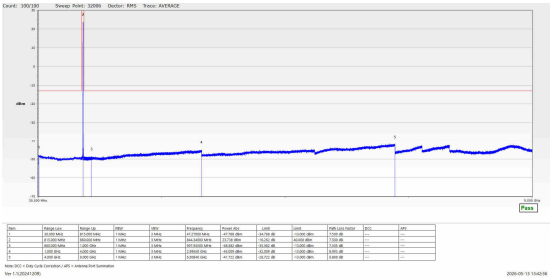
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



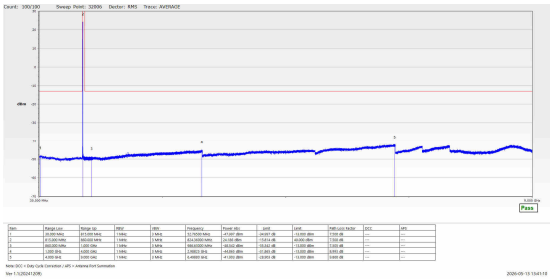
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



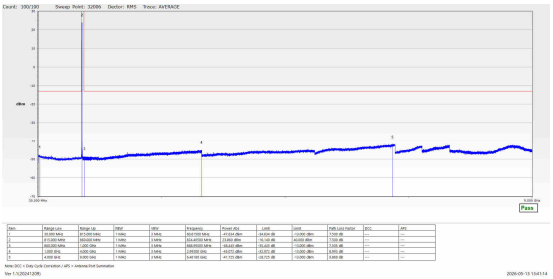
N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



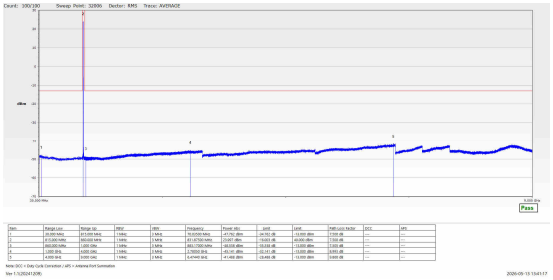
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



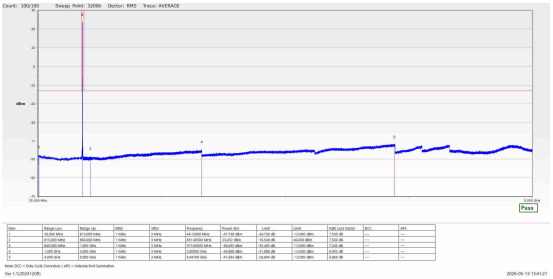
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



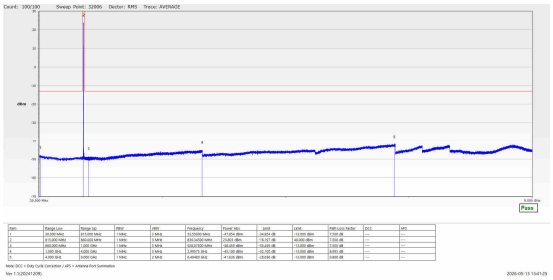
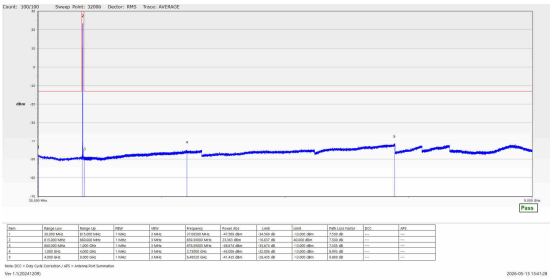
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



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