



N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



Figure 1: Screenshot of the NI-MAX software interface showing the 'Trace Average' window. The plot displays a blue trace with a sharp peak at approximately 1000 Hz, reaching a value of 100. The x-axis is labeled 'Hz' and ranges from 0 to 1000. The y-axis is labeled 'dB' and ranges from -20 to 100. A red horizontal line is drawn at 0 dB. A green box labeled 'Pass' is in the bottom right corner. Below the plot is a table with 10 columns: Name, Sample Rate, Sample Size, Offset, Amplitude, Phase, Delay, Gain, and two unlabeled columns. The table contains 10 rows of data.

Name	Sample Rate	Sample Size	Offset	Amplitude	Phase	Delay	Gain		
1	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
2	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
3	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
4	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
5	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
6	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
7	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
8	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
9	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000
10	1000.000 Hz	1024	0.000	10.000 dB	0.000 deg	0.000 sec	1.000	1.000	1.000

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2008-11-10 10:10:10 AM

2024-12-17 14:20:13

Design Point: 20000 Order: 8th Filter: Butter Antenna2

dBm

0.00 0.05 0.10 0.15 0.20 GHz

20 10 0 -10 -20

0.00 0.05 0.10 0.15 0.20 GHz

Pass

Comp	Design Util	Design Util	Order	dBm	Frequency	Power (dB)	S ₂₁	S ₁₁	S ₂₂	THRU (dB)	SWR	RL	RL
1	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
2	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
3	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
4	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
5	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
6	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
7	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
8	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
9	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
10	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
11	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
12	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
13	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
14	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
15	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
16	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
17	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
18	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
19	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
20	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	0.0000
21	0.0000 GHz	0.0000 GHz	1.0000	1.0000	Frequency (GHz)	0.0000 GHz	-17.0000 dB	-17.0000 dB	-17.0000 dB	0.0000 dB	1.0000	0.0000	

2024-12-11 14:20:28

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2024-12-17 14:20:54

**Conducted Band Edge**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
13	15	5	149700	779.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	149700	779.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
13	15	5	150700	784.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
13	15	10	150200	782.0	DFT-s-OFDM QPSK	50@0	see graph	PASS



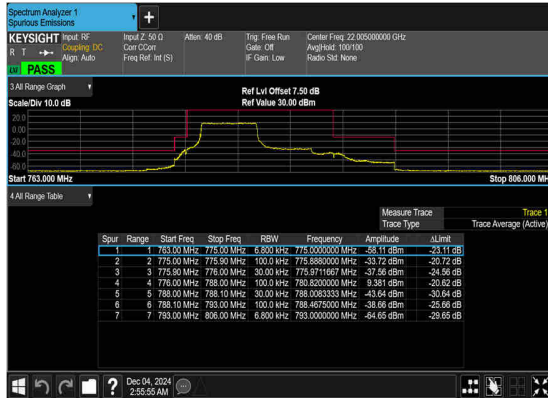
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

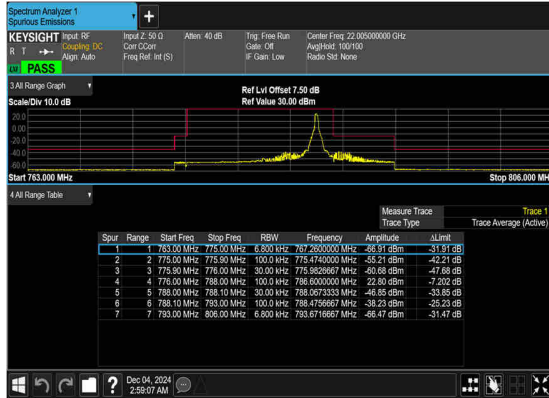


N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





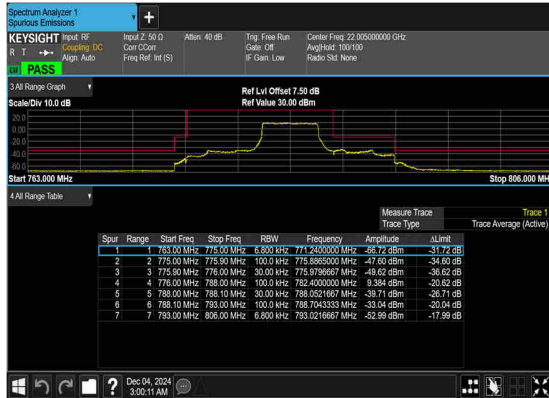
N13(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N13(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N13(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N13(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

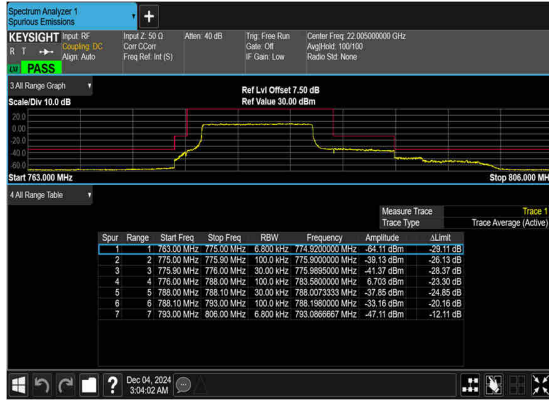


N13(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

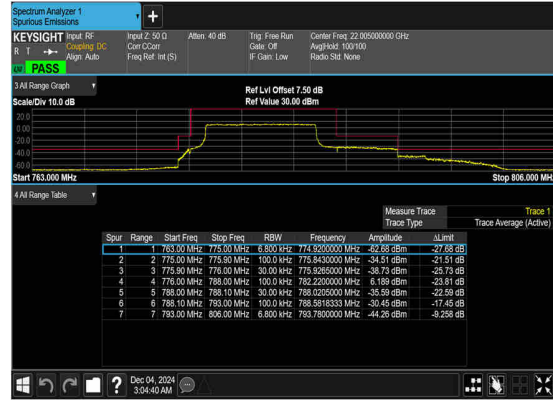




N13(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N13(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 N38(ANT0)**Transmitter Conducted Output Power and EIRP, ($G_T - L_C$)=-0.5dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	23.65	23.15	0.2065
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.59	23.09	0.2037
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	23.57	23.07	0.2028
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	22.68	22.18	0.1652
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	22.69	22.19	0.1656
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	22.69	22.19	0.1656
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	23.65	23.15	0.2065
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.54	23.04	0.2014
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	23.66	23.16	0.2070
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	22.68	22.18	0.1652
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.64	22.14	0.1637
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	22.7	22.2	0.1660
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	23.61	23.11	0.2046
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.49	22.99	0.1991
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	23.67	23.17	0.2075
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	22.71	22.21	0.1663
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	22.55	22.05	0.1603
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	22.74	22.24	0.1675
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	23.57	23.07	0.2028
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.7	23.2	0.2089
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	23.7	23.2	0.2089
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	22.65	22.15	0.1641
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	22.84	22.34	0.1714
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	22.81	22.31	0.1702
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	23.6	23.1	0.2042
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.62	23.12	0.2051
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	23.74	23.24	0.2109
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	22.6	22.1	0.1622
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.78	22.28	0.1690
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	22.92	22.42	0.1746
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	23.61	23.11	0.2046
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	23.6	23.1	0.2042
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	23.81	23.31	0.2143



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	22.64	22.14	0.1637
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	22.69	22.19	0.1656
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	22.85	22.35	0.1718
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	23.2	22.7	0.1862
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.72	23.22	0.2099
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.84	23.34	0.2158
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.71	23.21	0.2094
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.72	23.22	0.2099
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.84	23.34	0.2158
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	22.73	22.23	0.1671
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.87	22.37	0.1726
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	22.92	22.42	0.1746
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.23	20.73	0.1183
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.3	20.8	0.1202
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.41	20.91	0.1233
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.14	18.64	0.0731
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.05	18.55	0.0716
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.13	18.63	0.0729
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.22	21.72	0.1486
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.19	21.69	0.1476
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.22	21.72	0.1486
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	23.74	23.24	0.2109
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.75	23.25	0.2113
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.85	23.35	0.2163
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	23.76	23.26	0.2118
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.77	23.27	0.2123
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.89	23.39	0.2183
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	22.73	22.23	0.1671
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.91	22.41	0.1742
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	22.98	22.48	0.1770
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.26	20.76	0.1191
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.32	20.82	0.1208
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.54	21.04	0.1271
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.18	18.68	0.0738
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.11	18.61	0.0726
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.2	18.7	0.0741
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.26	21.76	0.1500
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.24	21.74	0.1493
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.28	21.78	0.1507
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	23.75	23.25	0.2113



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.74	23.24	0.2109
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	23.85	23.35	0.2163
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	23.74	23.24	0.2109
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.72	23.22	0.2099
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.87	23.37	0.2173
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	22.76	22.26	0.1683
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	22.86	22.36	0.1722
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	22.96	22.46	0.1762
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.26	20.76	0.1191
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.31	20.81	0.1205
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.33	20.83	0.1211
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.18	18.68	0.0738
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.06	18.56	0.0718
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.19	18.69	0.0740
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.28	21.78	0.1507
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.24	21.74	0.1493
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.35	21.85	0.1531



Software Version: 23.06.1602

FR1 N41(ANT0)**Transmitter Conducted Output Power and EIRP, ($G_T - L_C$)=-0.5dB**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	25.44	24.94	0.3119
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.16	23.66	0.2323
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	25.42	24.92	0.3105
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	23.43	22.93	0.1963
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	22.25	21.75	0.1496
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	24.53	24.03	0.2529
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	26.43	25.93	0.3917
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.37	25.87	0.3864
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	26.44	25.94	0.3926
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	25.43	24.93	0.3112
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.36	24.86	0.3062
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	25.48	24.98	0.3148
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.75	25.25	0.3350
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.15	25.65	0.3673
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.41	24.91	0.3097
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	24.72	24.22	0.2642
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.17	24.67	0.2931
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	24.53	24.03	0.2529
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	25.03	24.53	0.2838
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	23.07	22.57	0.1807
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	25.08	24.58	0.2871
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	24.02	23.52	0.2249
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	22.08	21.58	0.1439
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	24.14	23.64	0.2312
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	26.34	25.84	0.3837
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.42	25.92	0.3908
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	26.39	25.89	0.3882
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	25.41	24.91	0.3097
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.47	24.97	0.3141
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	25.48	24.98	0.3148
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.99	25.49	0.3540



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.97	25.47	0.3524
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.2	24.7	0.2951
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.98	24.48	0.2805
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.07	24.57	0.2864
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.28	23.78	0.2388
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	25.25	24.75	0.2985
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	23.38	22.88	0.1941
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	25.1	24.6	0.2884
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	24.23	23.73	0.2360
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	22.46	21.96	0.1570
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	24.16	23.66	0.2323
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	26.38	25.88	0.3873
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.25	25.75	0.3758
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	26.25	25.75	0.3758
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	25.36	24.86	0.3062
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.48	24.98	0.3148
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	25.63	25.13	0.3258
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	26.16	25.66	0.3681
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.98	25.48	0.3532
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.6	25.1	0.3236
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	25.1	24.6	0.2884
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.05	24.55	0.2851
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	24.68	24.18	0.2618
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	25.22	24.72	0.2965
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	23.22	22.72	0.1871
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	24.97	24.47	0.2799
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	24.19	23.69	0.2339
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	22.26	21.76	0.1500
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.03	23.53	0.2254
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	26.35	25.85	0.3846
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.24	25.74	0.3750
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	26.2	25.7	0.3715
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	25.39	24.89	0.3083
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.47	24.97	0.3141
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	25.26	24.76	0.2992
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	26.12	25.62	0.3648
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.53	25.03	0.3184



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.42	24.92	0.3105
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	25.12	24.62	0.2897
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.61	24.11	0.2576
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.53	24.03	0.2529
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	25.16	24.66	0.2924
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	23.21	22.71	0.1866
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.56	25.06	0.3206
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	24.11	23.61	0.2296
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	22.28	21.78	0.1507
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.65	24.15	0.2600
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	26.33	25.83	0.3828
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.36	25.86	0.3855
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	26.14	25.64	0.3664
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	25.37	24.87	0.3069
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.47	24.97	0.3141
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	25.21	24.71	0.2958
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	26.17	25.67	0.3690
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.57	25.07	0.3214
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.55	25.05	0.3199
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	25.12	24.62	0.2897
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.64	24.14	0.2594
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	24.66	24.16	0.2606
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	90@45	25.31	24.81	0.3027
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	23.32	22.82	0.1914
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@187	26.28	25.78	0.3784
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	90@45	24.23	23.73	0.2360
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	22.36	21.86	0.1535
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@187	25.36	24.86	0.3062
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	26.35	25.85	0.3846
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.01	25.51	0.3556
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	25.88	25.38	0.3451
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	25.35	24.85	0.3055
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.02	24.52	0.2831
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	24.91	24.41	0.2761
41	30	70	531996	2655	DFT-s-OFDM QPSK	90@45	26.04	25.54	0.3581
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.77	25.27	0.3365
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@187	25.41	24.91	0.3097



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	90@45	24.99	24.49	0.2812
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.84	24.34	0.2716
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@187	24.52	24.02	0.2523
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	25.32	24.82	0.3034
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	23.41	22.91	0.1954
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	26.36	25.86	0.3855
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	24.29	23.79	0.2393
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	22.41	21.91	0.1552
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	25.43	24.93	0.3112
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	26.31	25.81	0.3811
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	25.21	0.3319
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.88	25.38	0.3451
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	25.41	24.91	0.3097
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.73	24.23	0.2649
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.91	24.41	0.2761
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	26.04	25.54	0.3581
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.21	25.71	0.3724
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.57	25.07	0.3214
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.98	24.48	0.2805
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.27	24.77	0.2999
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	24.62	24.12	0.2582
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.41	24.91	0.3097
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	23.33	22.83	0.1919
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	26.41	25.91	0.3899
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.39	23.89	0.2449
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	22.33	21.83	0.1524
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	25.37	24.87	0.3069
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	26.3	25.8	0.3802
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.35	24.85	0.3055
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.8	25.3	0.3388
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	25.41	24.91	0.3097
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.4	23.9	0.2455
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.81	24.31	0.2698
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.96	25.46	0.3516
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	26.08	25.58	0.3614
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.49	24.99	0.3155
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.92	24.42	0.2767



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.23	24.73	0.2972
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	24.6	24.1	0.2570
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	26.16	25.66	0.3681
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.02	23.52	0.2249
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.31	25.81	0.3811
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.08	24.58	0.2871
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	22.96	22.46	0.1762
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.34	25.84	0.3837
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.09	23.59	0.2286
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	21.98	21.48	0.1406
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.78	25.28	0.3373
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.56	22.06	0.1607
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	20.46	19.96	0.0991
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.25	23.75	0.2371
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.05	20.55	0.1135
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	18.77	18.27	0.0671
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	22.44	21.94	0.1563
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.44	22.94	0.1968
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	21.35	20.85	0.1216
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	25.01	24.51	0.2825
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	26.39	25.89	0.3882
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.83	25.33	0.3412
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.47	25.97	0.3954
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.35	25.85	0.3846
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.74	24.24	0.2655
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.51	25.01	0.3170
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.37	24.87	0.3069
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.74	23.24	0.2109
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.61	24.11	0.2576
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.87	23.37	0.2173
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.22	21.72	0.1486
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	22.99	22.49	0.1774
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22.35	21.85	0.1531
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.54	20.04	0.1009
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.31	20.81	0.1205
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.64	24.14	0.2594
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.11	22.61	0.1824



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.86	23.36	0.2168
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	26.36	25.86	0.3855
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	26.32	25.82	0.3819
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.08	25.58	0.3614
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.27	24.77	0.2999
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	26.26	25.76	0.3767
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.02	24.52	0.2831
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.29	23.79	0.2393
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.59	25.09	0.3228
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.1	23.6	0.2291
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	22.76	22.26	0.1683
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	24.1	23.6	0.2291
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.55	22.05	0.1603
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.23	20.73	0.1183
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	22.25	21.75	0.1496
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	20.89	20.39	0.1094
41	30	100	528000	2640	CP-OFDM QPSK	137@68	23.63	23.13	0.2056
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.84	24.34	0.2716
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.39	22.89	0.1945



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.7	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.5	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.3	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	10.8	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	18.4	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	13.7	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.7	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	15.7	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.2	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	12.1	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	16.6	PASS	50°C

|MAX(Δf)| = 18.4Hz

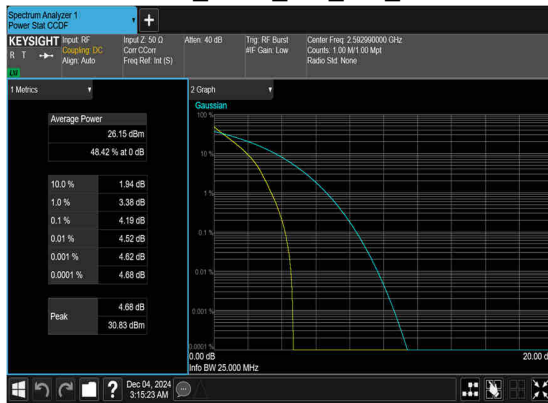
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.9443816	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2688.7528184	$\leq 2690 \text{ MHz}$	



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	4.19	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.13	13	PASS

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



**Occupied Bandwidth**

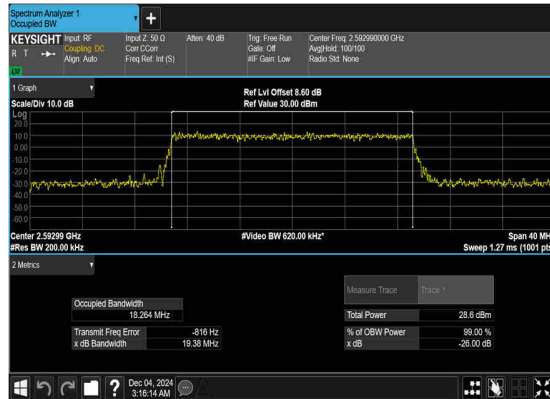
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.264	19.38
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.291	19.64
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.246	19.5
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.226	19.88
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.857	29.02
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.891	29.07
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.824	29.89
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.764	29.69
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.901	39.64
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.924	39.26
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.793	39.6
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.829	39.11
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.489	49.18
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.361	49.15
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.543	48.94
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.513	49.54
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.813	60.19
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.767	59.71
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.787	59.77
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.792	59.75
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.297	69.65
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.278	69.6
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.34	70.13
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.386	69.63



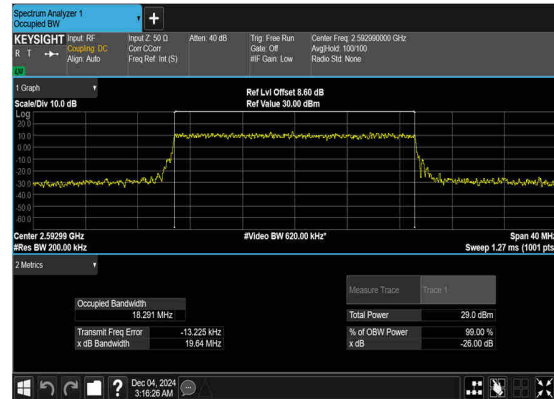
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.325	79.92
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.155	79.93
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.449	79.88
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.328	79.89
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.159	90.24
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	86.996	90.21
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.34	90.35
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.438	90.05
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.399	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.416	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.2	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.267	100.4



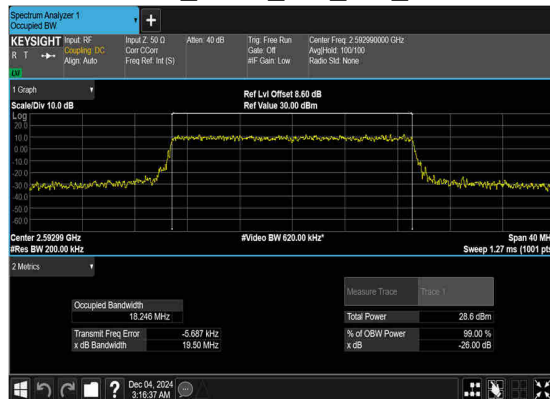
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OFDM_QPSK_Outer_Full_Mid_CH



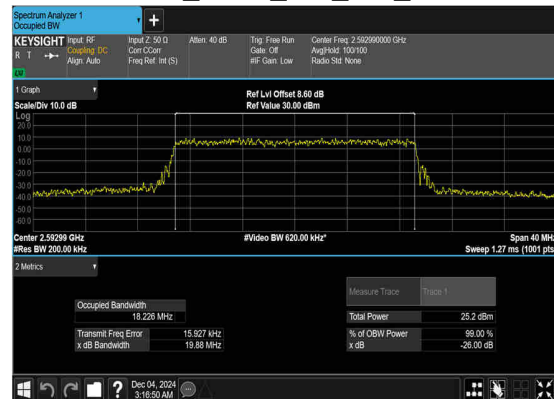
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





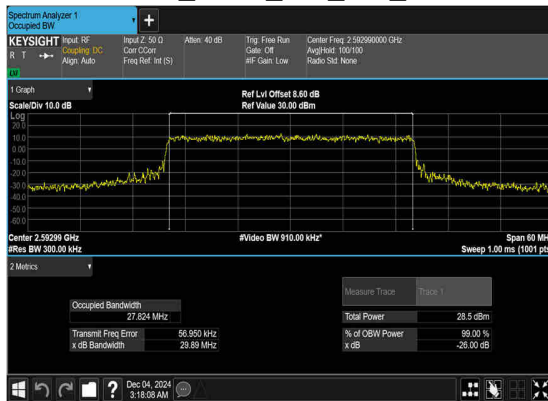
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OFDM_QPSK_Outer_Full_Mid_CH



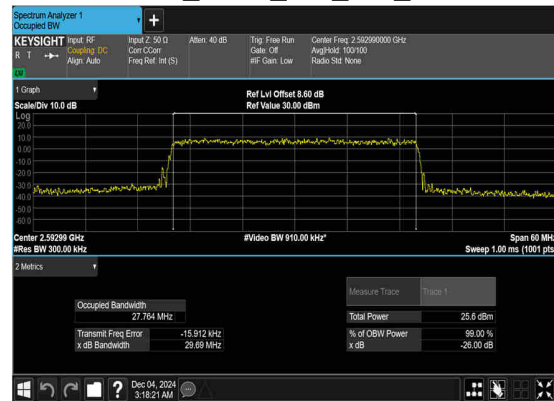
N41(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

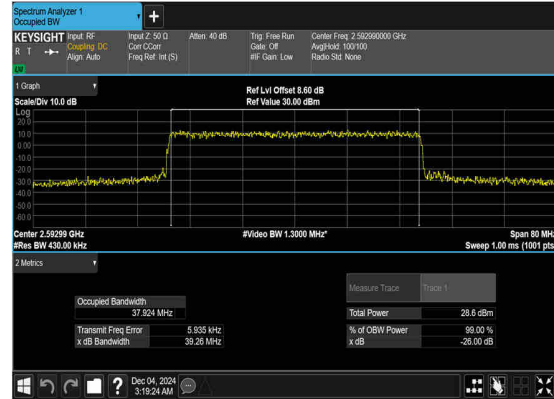




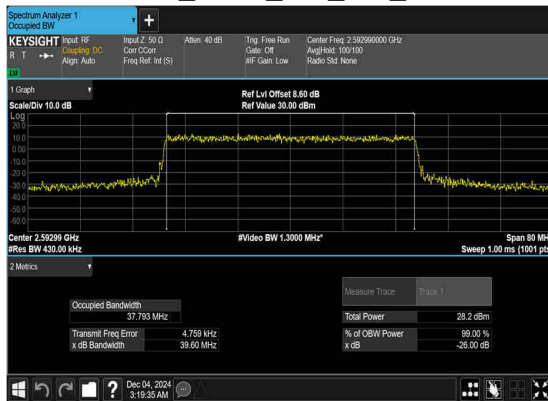
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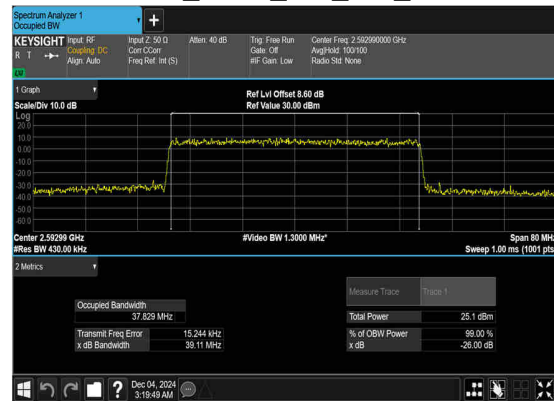
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QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

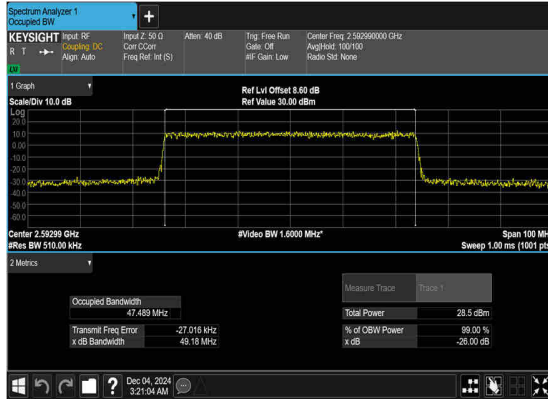


N41(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

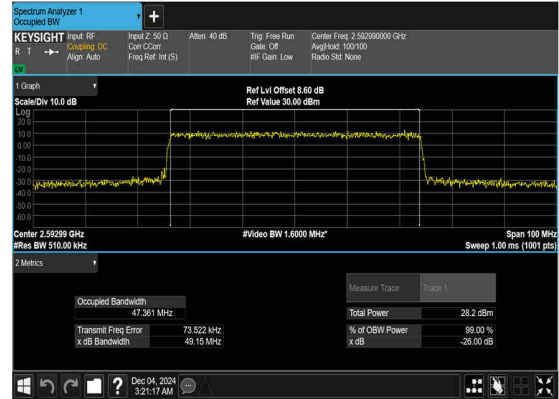




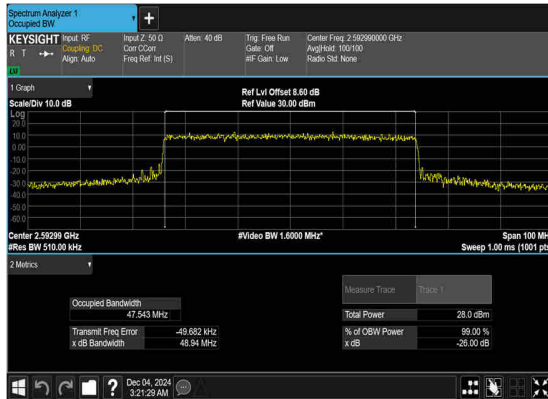
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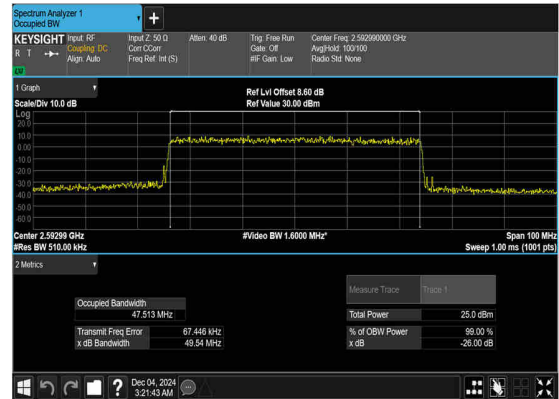
N41(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

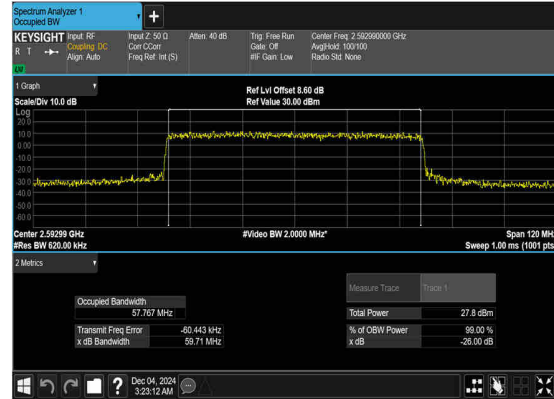




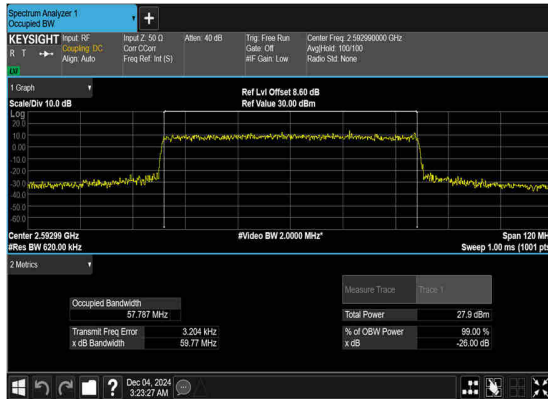
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OFDM_QPSK_Outer_Full_Mid_CH



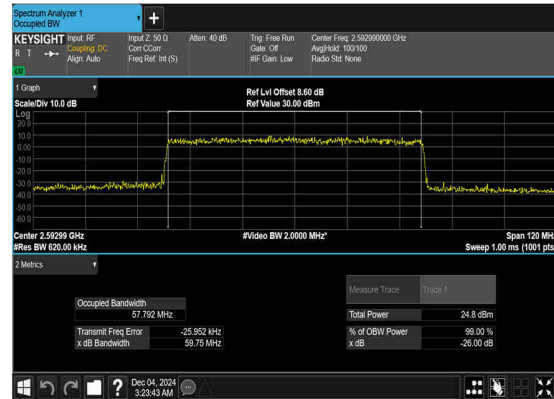
N41(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

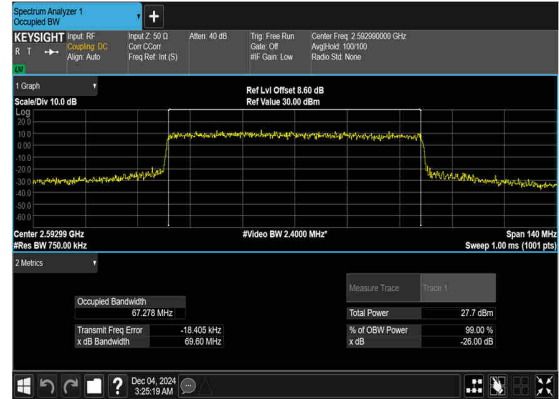




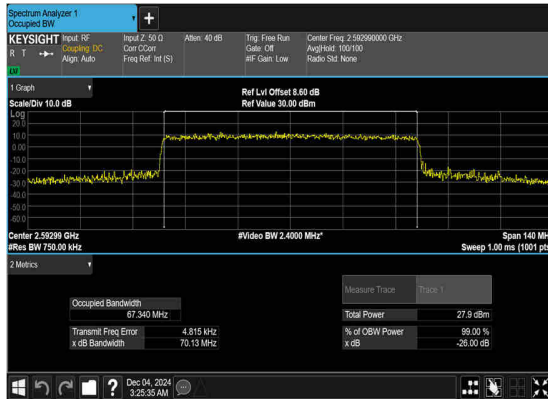
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OFDM_QPSK_Outer_Full_Mid_CH



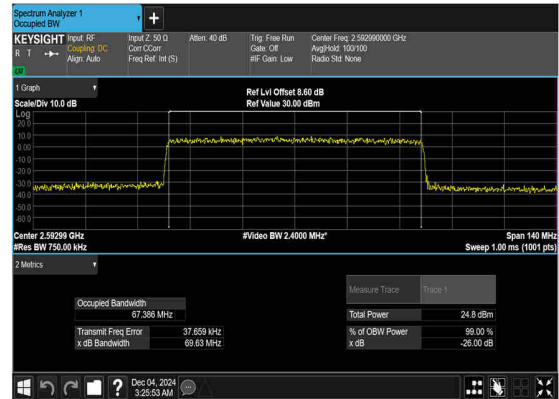
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QAM_Outer_Full_Mid_CH



N41(70M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

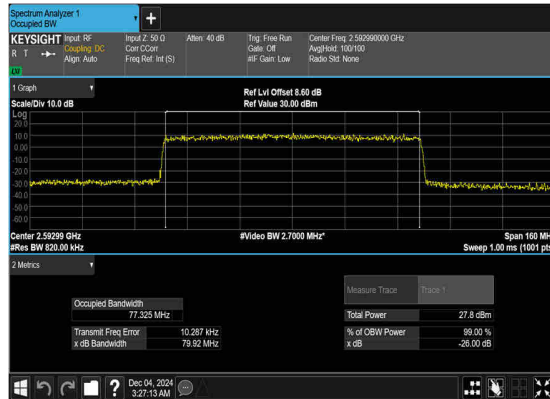


N41(70M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

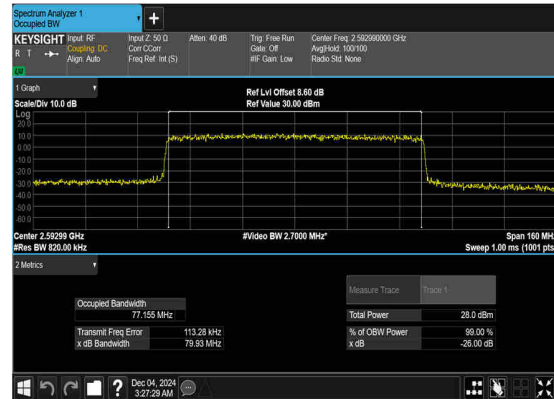




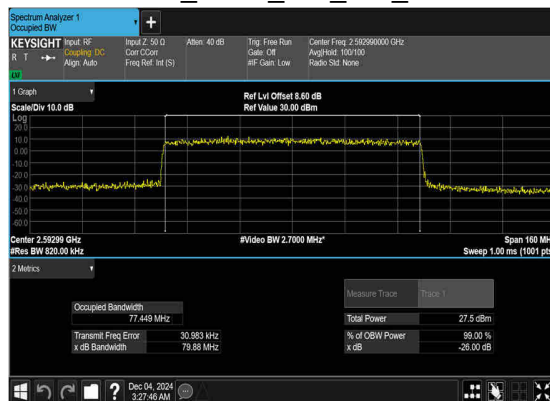
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OFDM_QPSK_Outer_Full_Mid_CH



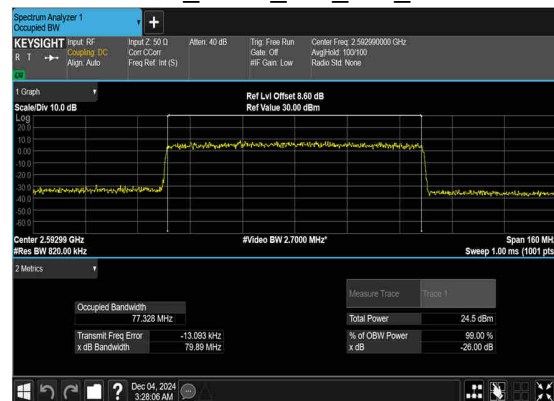
N41(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

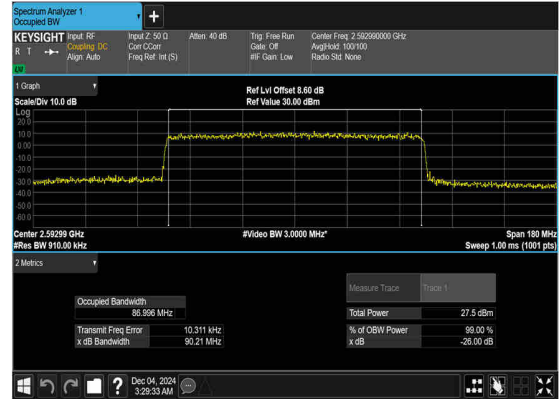




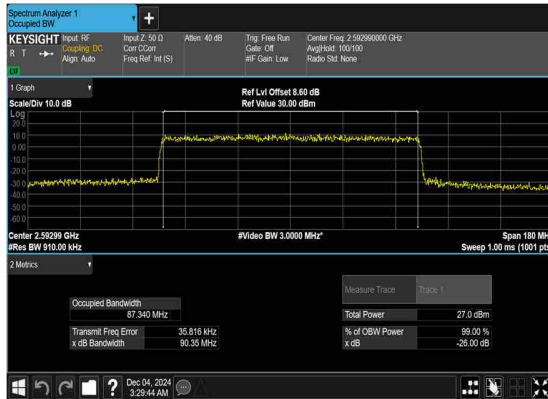
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OFDM_QPSK_Outer_Full_Mid_CH



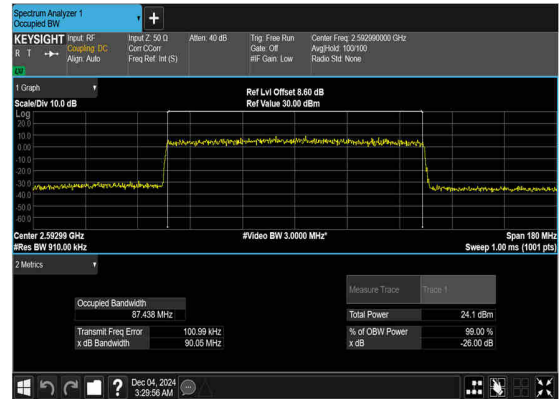
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QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

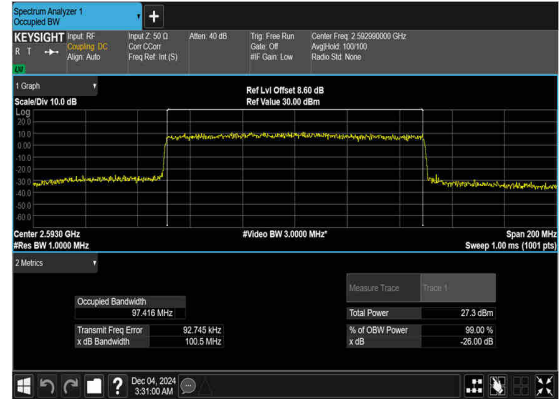




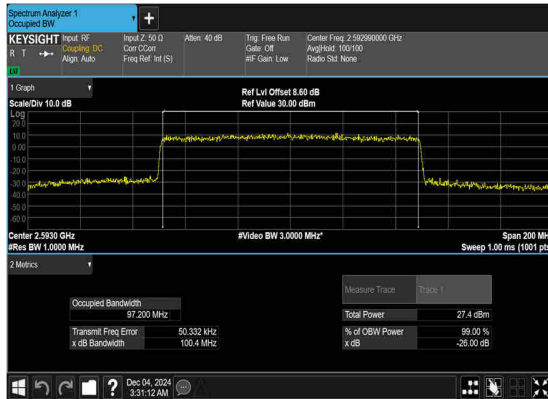
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OFDM_QPSK_Outer_Full_Mid_CH



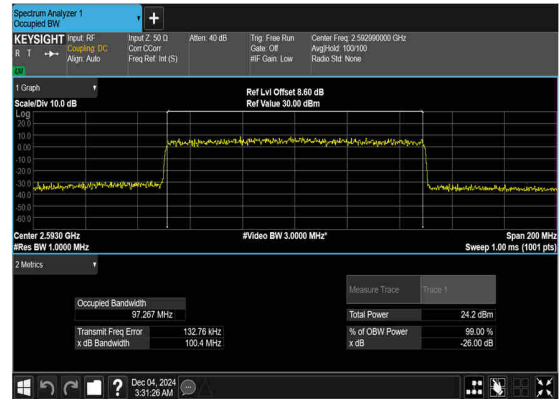
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QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS



41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS



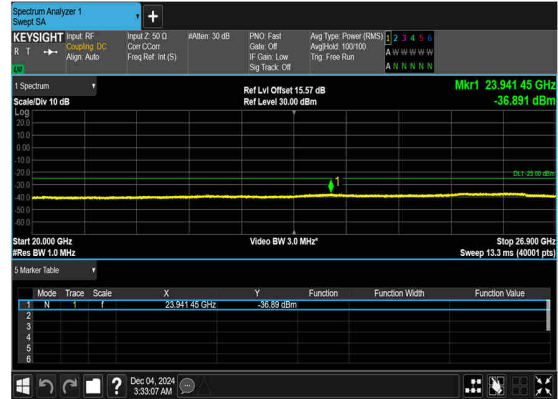
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



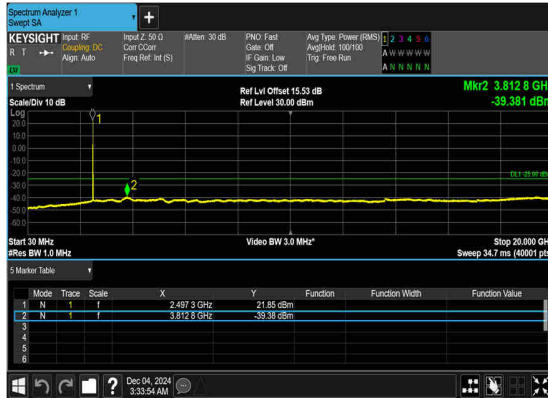
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



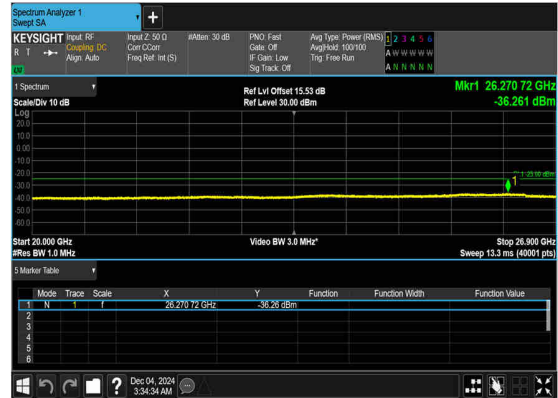
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

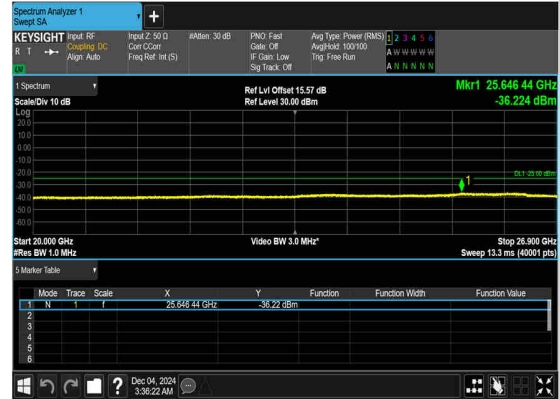




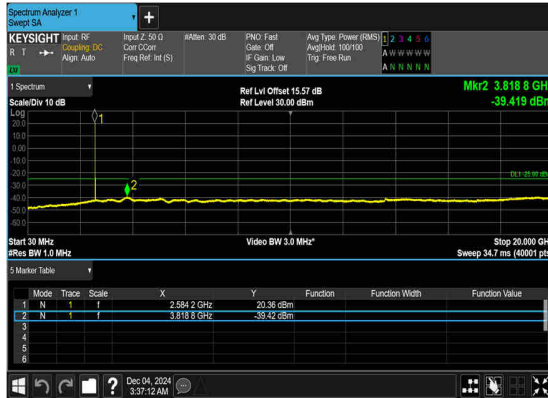
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



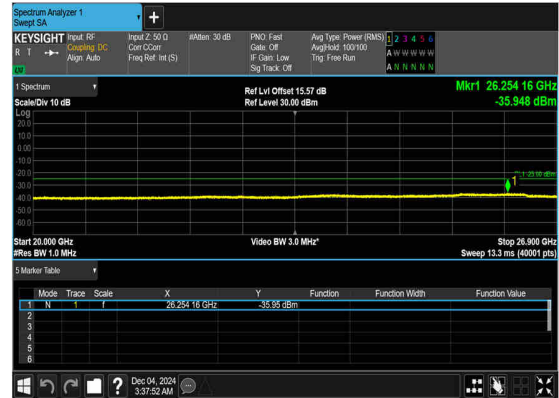
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

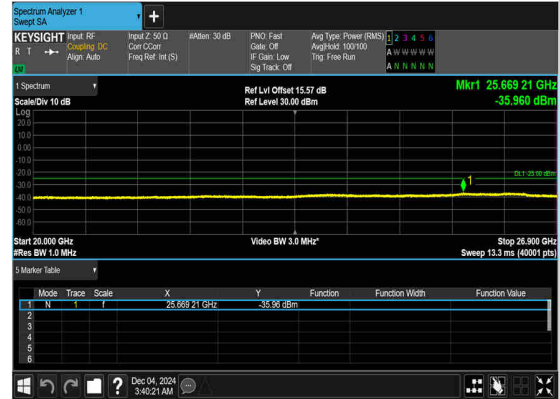




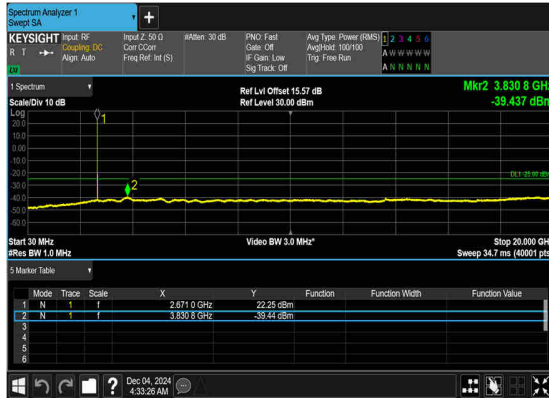
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



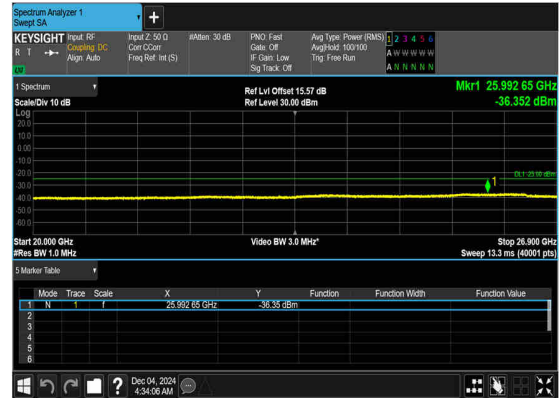
N41(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

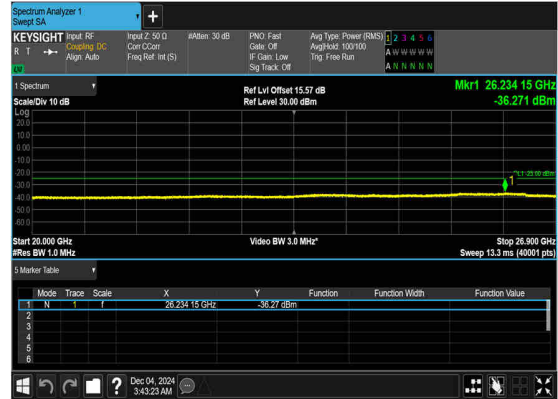




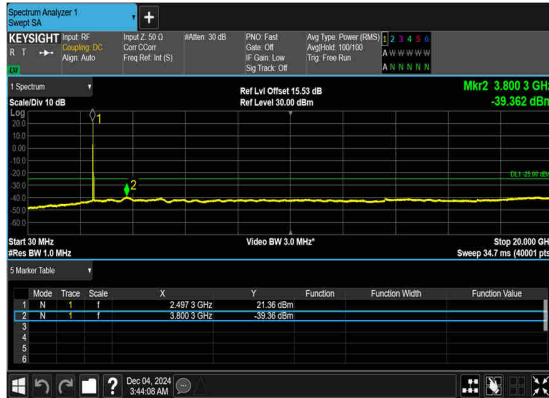
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



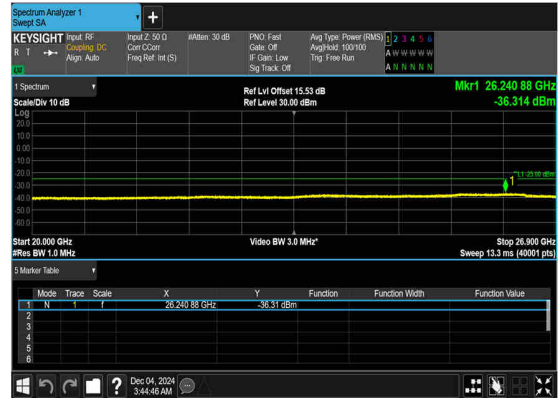
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

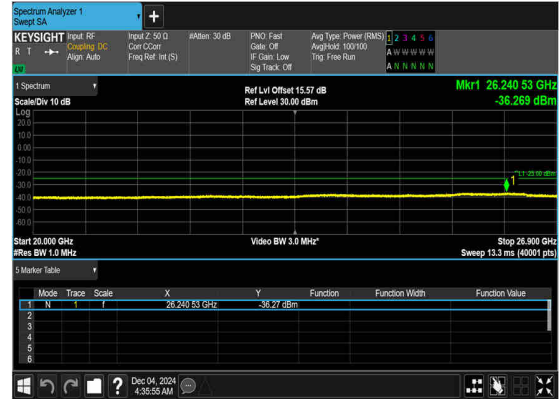




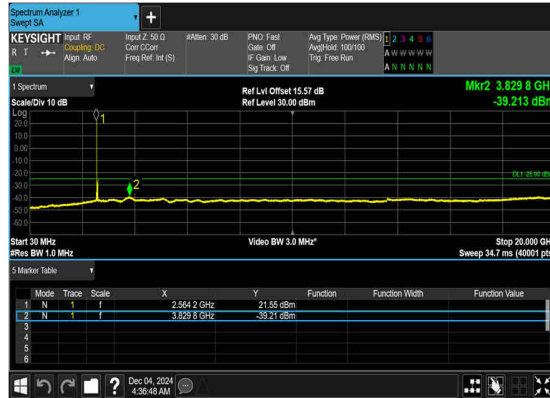
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



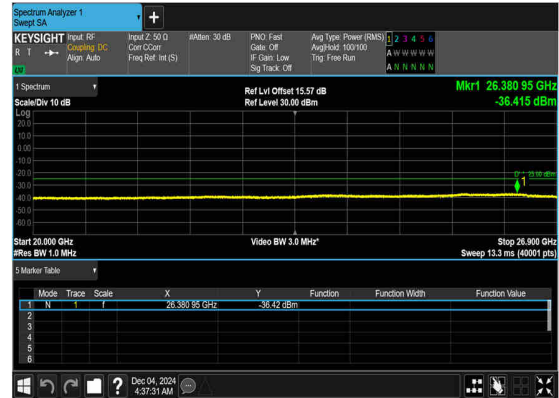
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

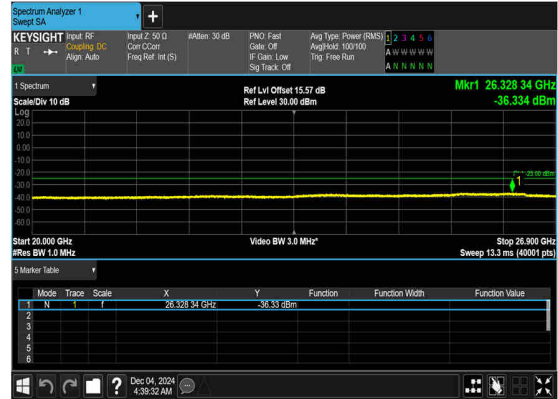




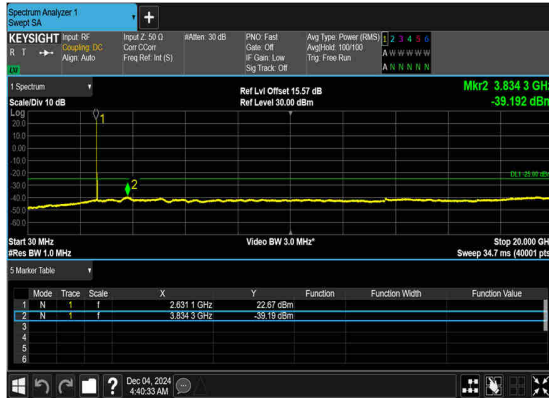
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



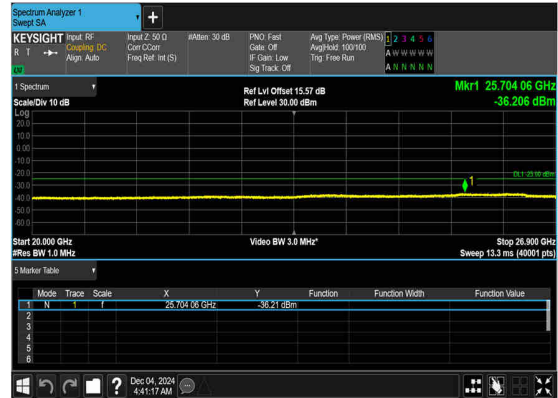
N41(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

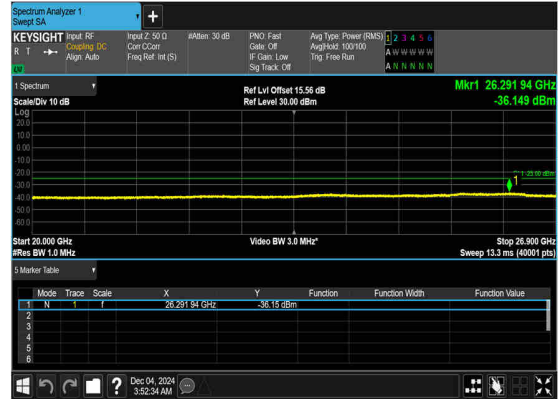




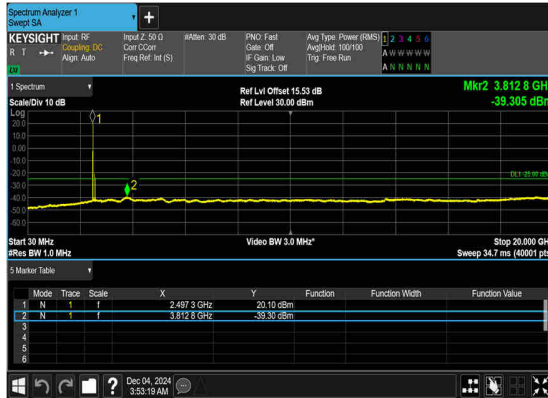
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

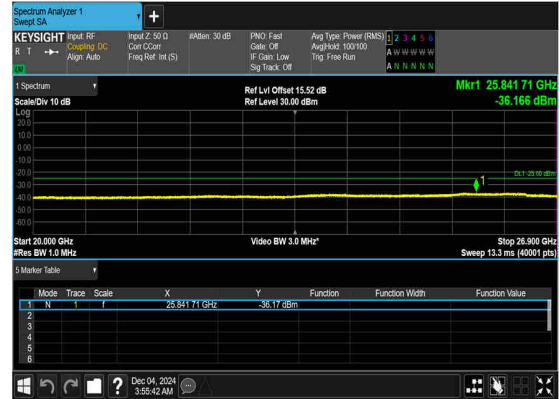




N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



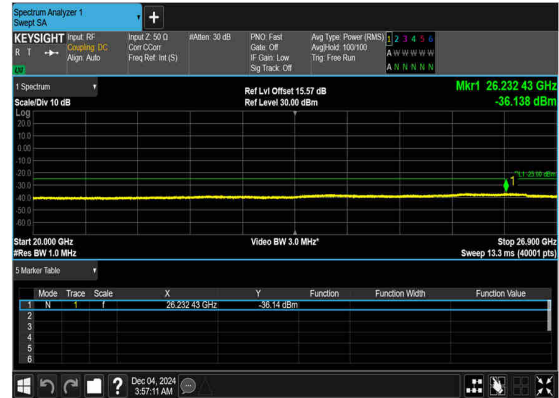
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

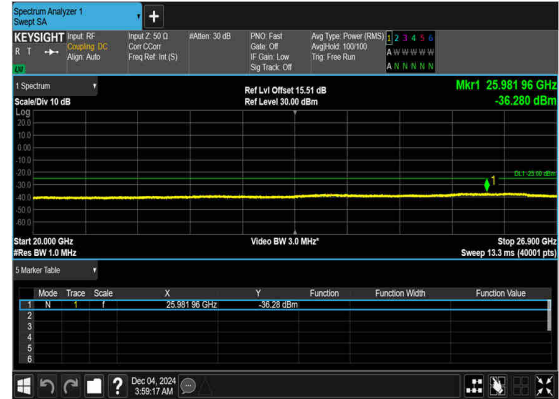




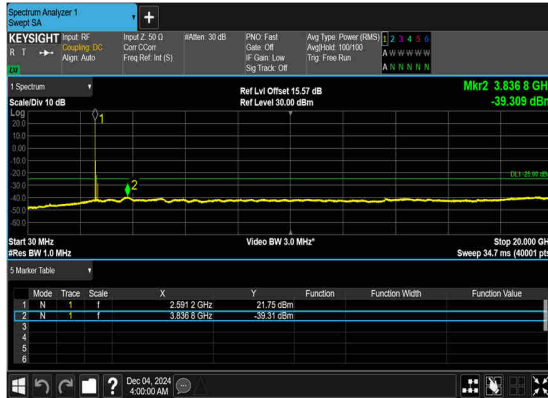
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



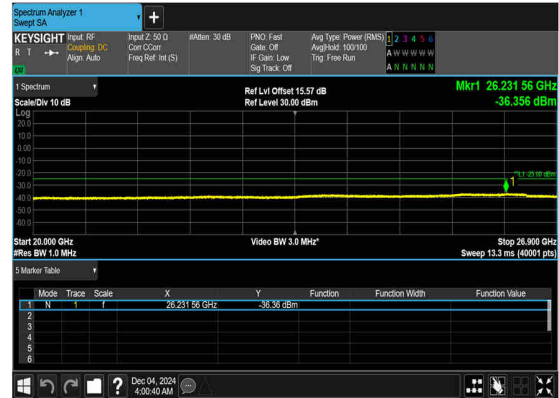
N41(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_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
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM BPSK	50@0	see graph	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	270@0	see graph	PASS