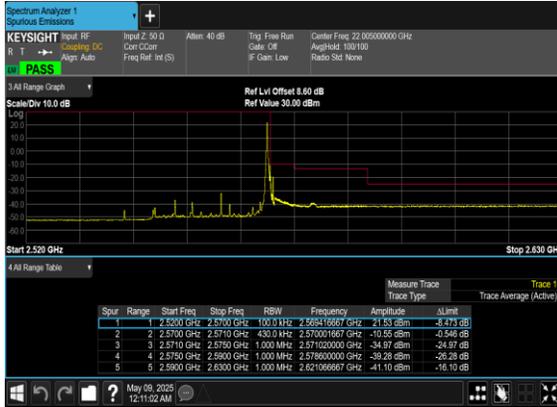
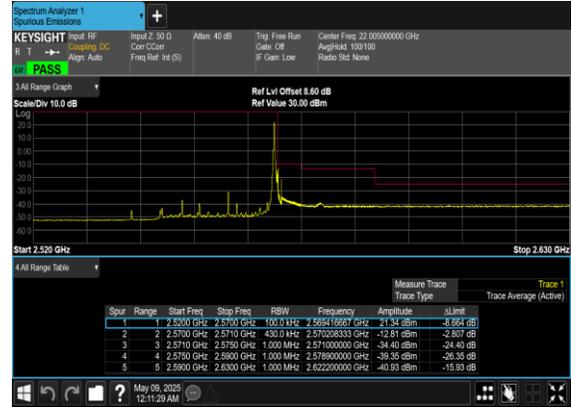




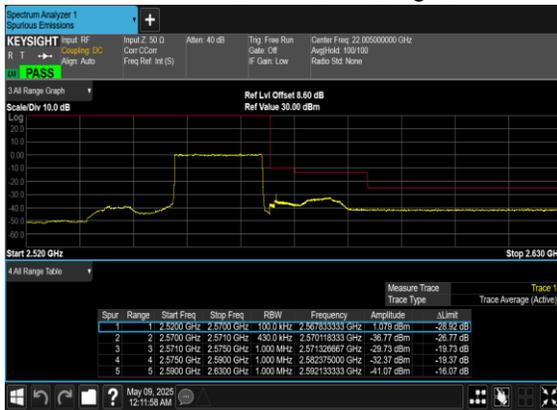
N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N7(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

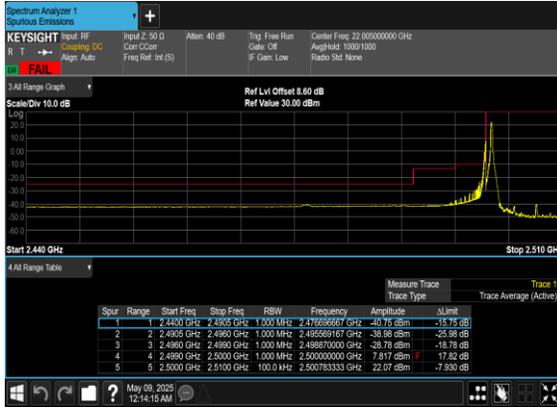


N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

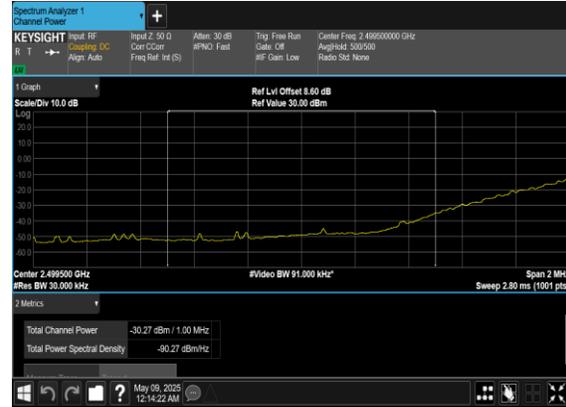




N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

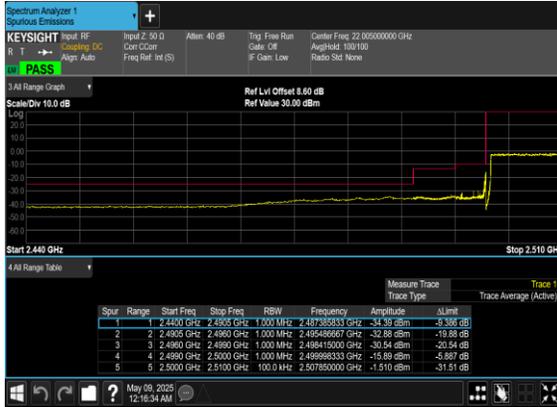


N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

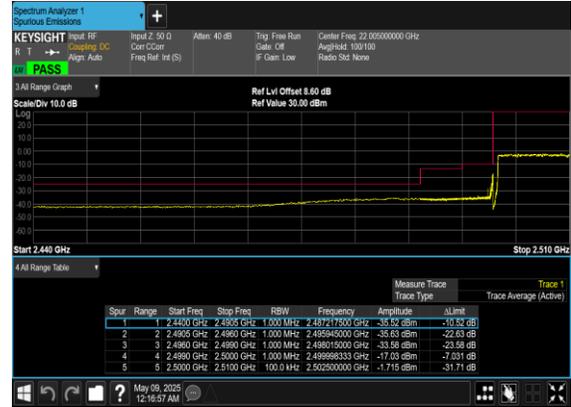




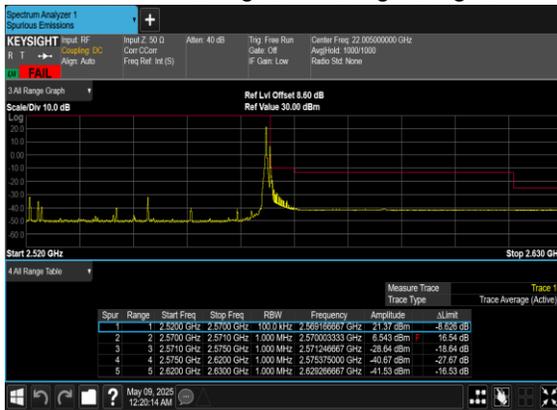
N7(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



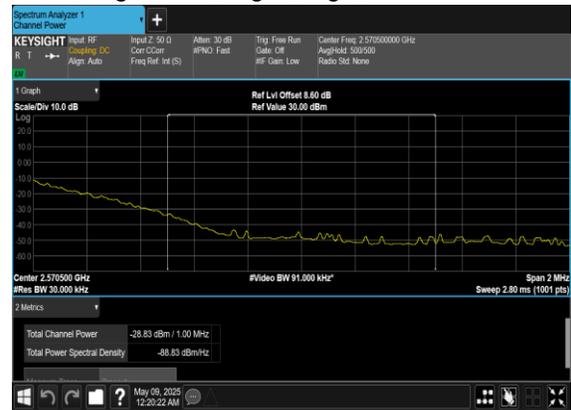
N7(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

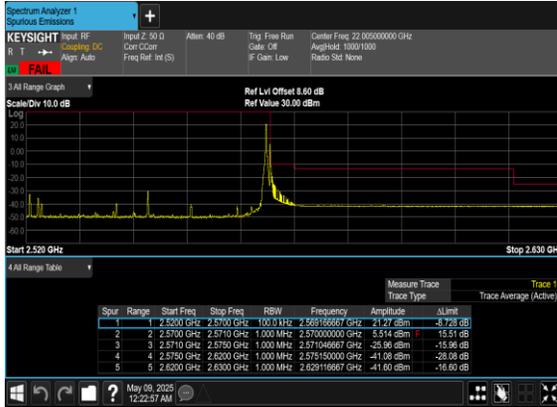


N7(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS

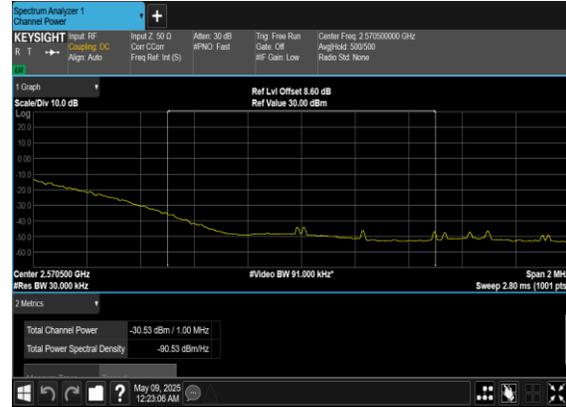




N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



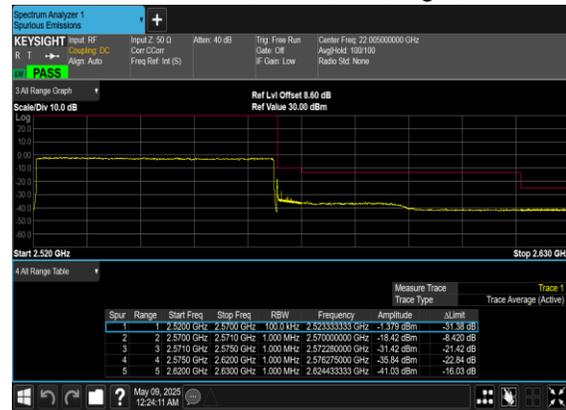
N7(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



N7(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N7(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N38 (ANT2)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>C</sub>)=-1.5dBi

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	12@6	25.03	23.53	0.2254
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	25.15	23.65	0.2317
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@22	24.99	23.49	0.2234
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	12@6	23.93	22.43	0.1750
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	24.14	22.64	0.1837
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@22	23.9	22.4	0.1738
38	30	10	519000	2595	DFT-s-OFDM QPSK	12@6	25.06	23.56	0.2270
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	25.03	23.53	0.2254
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@22	25.28	23.78	0.2388
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	12@6	23.96	22.46	0.1762
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.03	22.53	0.1791
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@22	24.29	22.79	0.1901
38	30	10	523000	2615	DFT-s-OFDM QPSK	12@6	25.47	23.97	0.2495
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	25.48	23.98	0.2500
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@22	25.5	24	0.2512
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	12@6	24.37	22.87	0.1936
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.57	23.07	0.2028
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@22	24.49	22.99	0.1991
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	18@9	24.86	23.36	0.2168
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	25.15	23.65	0.2317
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@36	24.93	23.43	0.2203
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	18@9	23.99	22.49	0.1774
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	24.16	22.66	0.1845
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@36	23.92	22.42	0.1746
38	30	15	519000	2595	DFT-s-OFDM QPSK	18@9	24.97	23.47	0.2223
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.98	23.48	0.2228
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@36	25.38	23.88	0.2443
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	18@9	24.19	22.69	0.1858
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.05	22.55	0.1799
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@36	24.45	22.95	0.1972
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	18@9	25.36	23.86	0.2432
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	25.47	23.97	0.2495



38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@36	25.45	23.95	0.2483
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	18@9	24.54	23.04	0.2014
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.46	22.96	0.1977
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@36	24.33	22.83	0.1919
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	25.01	23.51	0.2244
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	25.21	23.71	0.2350
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	24.98	23.48	0.2228
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	23.99	22.49	0.1774
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	24.22	22.72	0.1871
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	23.99	22.49	0.1774
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	25.12	23.62	0.2301
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.99	23.49	0.2234
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	25.48	23.98	0.2500
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	24.31	22.81	0.1910
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.05	22.55	0.1799
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	24.44	22.94	0.1968
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	25.49	23.99	0.2506
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	25.4	23.9	0.2455
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	25.51	24.01	0.2518
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	24.56	23.06	0.2023
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	24.37	22.87	0.1936
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	24.45	22.95	0.1972
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	32@16	24.88	23.38	0.2178
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	25.02	23.52	0.2249
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@63	25.04	23.54	0.2259
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	32@16	23.95	22.45	0.1758
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	24.09	22.59	0.1816
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@63	23.97	22.47	0.1766
38	30	25	519000	2595	DFT-s-OFDM QPSK	32@16	25.15	23.65	0.2317
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	25	23.5	0.2239
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@63	25.53	24.03	0.2529
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	32@16	24.14	22.64	0.1837
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.95	22.45	0.1758
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@63	24.57	23.07	0.2028
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	32@16	25.49	23.99	0.2506
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	25.13	23.63	0.2307
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@63	25.46	23.96	0.2489
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	32@16	24.53	23.03	0.2009
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	24.18	22.68	0.1854



38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@63	24.53	23.03	0.2009
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	24.93	23.43	0.2203
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	25.22	23.72	0.2355
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	25.27	23.77	0.2382
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	23.94	22.44	0.1754
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.21	22.71	0.1866
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	24.31	22.81	0.1910
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	25.09	23.59	0.2286
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	25.05	23.55	0.2265
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	25.52	24.02	0.2523
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	24.16	22.66	0.1845
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24	22.5	0.1778
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	24.59	23.09	0.2037
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	25.45	23.95	0.2483
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	25	23.5	0.2239
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	25.53	24.03	0.2529
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	24.47	22.97	0.1982
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	24.05	22.55	0.1799
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	24.54	23.04	0.2014
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	25	23.5	0.2239
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	25.19	23.69	0.2339
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	25.46	23.96	0.2489
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	25.06	23.56	0.2270
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	25.3	23.8	0.2399
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	25.53	24.03	0.2529
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	24.08	22.58	0.1811
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	24.22	22.72	0.1871
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	24.57	23.07	0.2028
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	22.55	21.05	0.1274
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.42	20.92	0.1236
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	22.76	21.26	0.1337
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.55	19.05	0.0804
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.62	19.12	0.0817
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	21.01	19.51	0.0893
38	30	40	518000	2590	CP-OFDM QPSK	53@26	23.56	22.06	0.1607
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23.68	22.18	0.1652
38	30	40	518000	2590	CP-OFDM QPSK	1@104	24.12	22.62	0.1828
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	25.13	23.63	0.2307
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.11	23.61	0.2296



38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	25.55	24.05	0.2541
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	25.17	23.67	0.2328
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	25.13	23.63	0.2307
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	25.52	24.02	0.2523
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	24.21	22.71	0.1866
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.2	22.7	0.1862
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	24.58	23.08	0.2032
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	22.74	21.24	0.1330
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.33	20.83	0.1211
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	23.01	21.51	0.1416
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.75	19.25	0.0841
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.52	19.02	0.0798
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	21.13	19.63	0.0918
38	30	40	519000	2595	CP-OFDM QPSK	53@26	23.72	22.22	0.1667
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.66	22.16	0.1644
38	30	40	519000	2595	CP-OFDM QPSK	1@104	24.23	22.73	0.1875
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	25.31	23.81	0.2404
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	25	23.5	0.2239
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	25.48	23.98	0.2500
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	25.3	23.8	0.2399
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	25.02	23.52	0.2249
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	25.52	24.02	0.2523
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	24.33	22.83	0.1919
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	24.06	22.56	0.1803
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	24.49	22.99	0.1991
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	22.84	21.34	0.1361
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.19	20.69	0.1172
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	22.78	21.28	0.1343
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	20.86	19.36	0.0863
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.47	18.97	0.0789
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	21.01	19.51	0.0893
38	30	40	520000	2600	CP-OFDM QPSK	53@26	23.87	22.37	0.1726
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.53	22.03	0.1596
38	30	40	520000	2600	CP-OFDM QPSK	1@104	24.06	22.56	0.1803



### Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
38	30	25	519000	2595.0	CP-OFDM QPSK	65@0	23.207	24.16
38	30	25	519000	2595.0	CP-OFDM 16 QAM	65@0	23.109	24.18
38	30	25	519000	2595.0	CP-OFDM 64 QAM	65@0	23.187	24.2
38	30	25	519000	2595.0	CP-OFDM 256 QAM	65@0	23.225	24.14



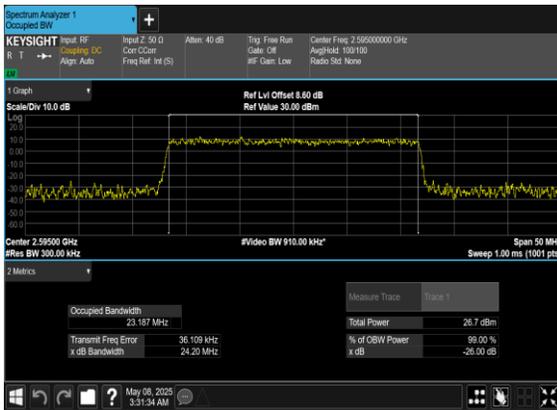
N38(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



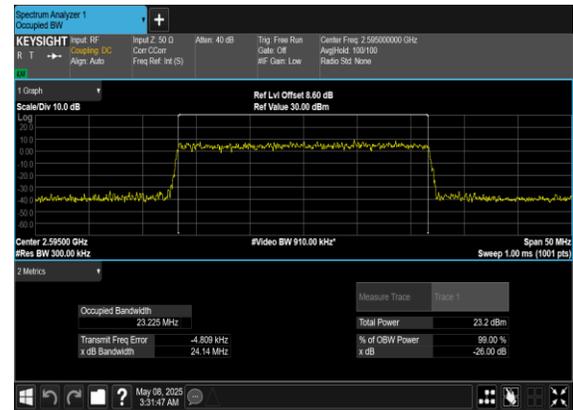
N38(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N38(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N38(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



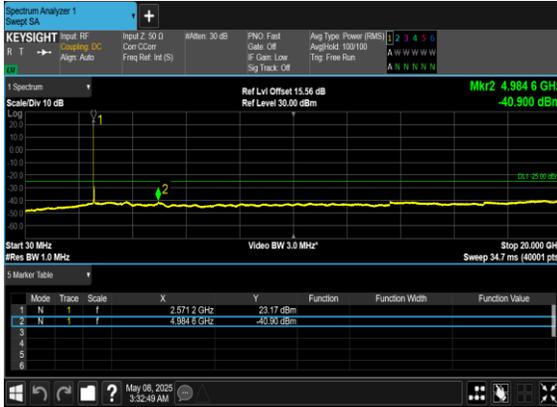


### Conducted Spurious Emissions

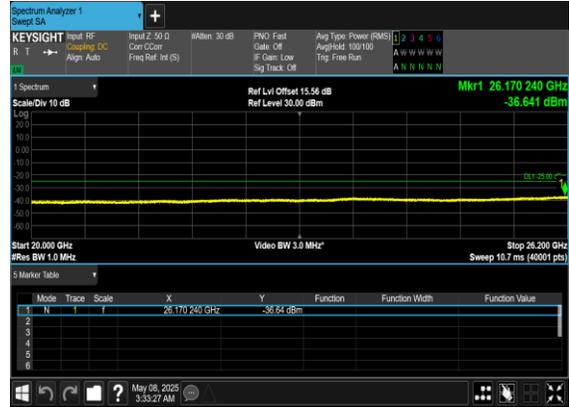
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



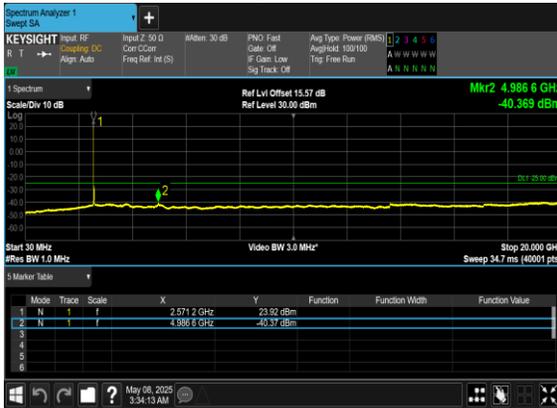
N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

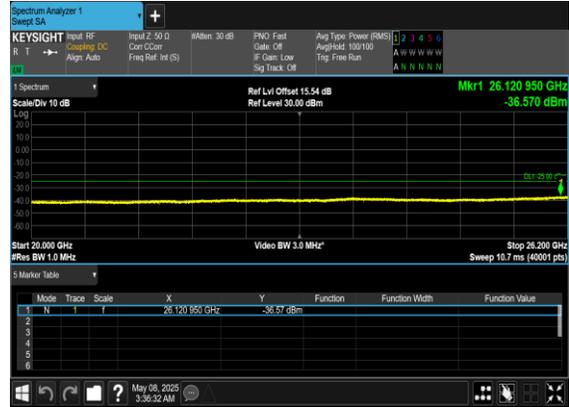




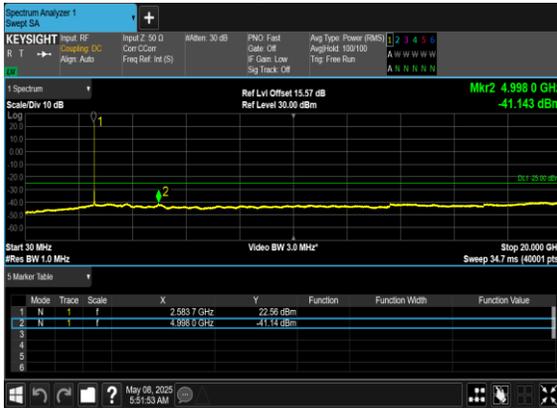
N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



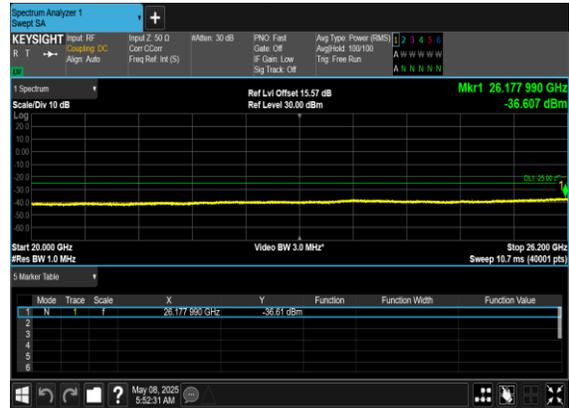
N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

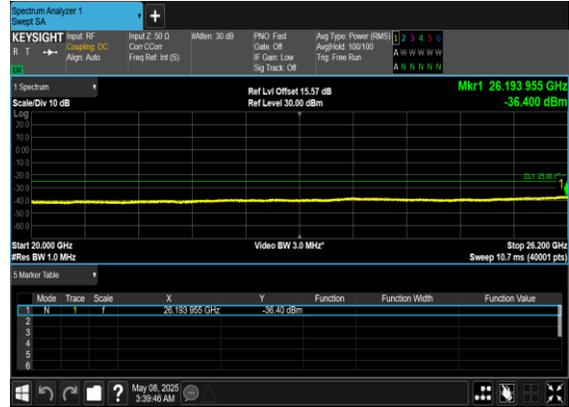




N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



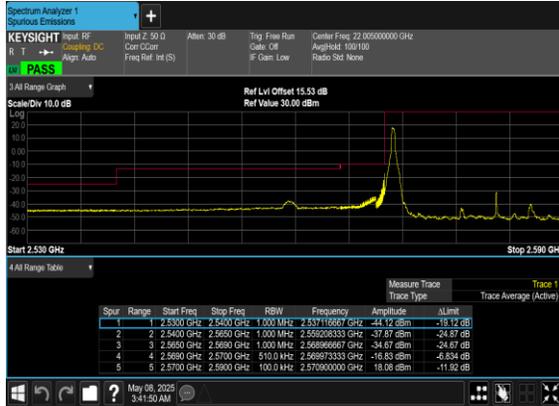


### Conducted Band Edge

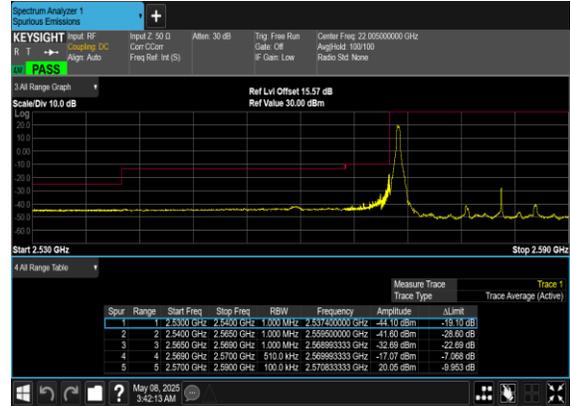
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	25	516500	2582.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM BPSK	64@0	see graph	PASS
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	64@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM BPSK	1@64	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@64	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM BPSK	64@0	see graph	PASS
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	64@0	see graph	PASS



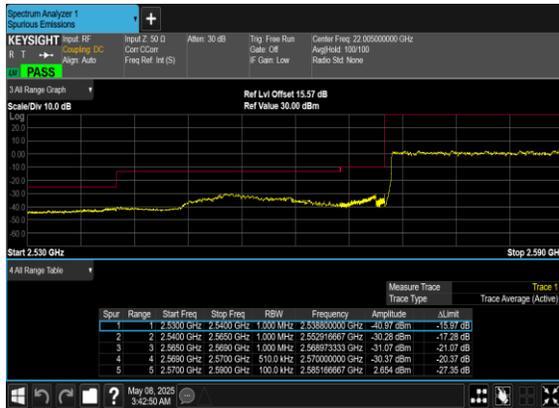
N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N38(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

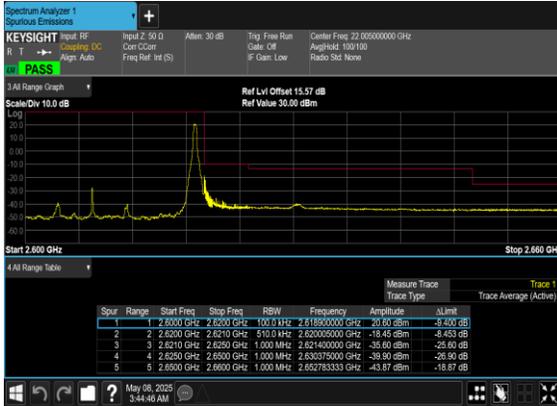


N38(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

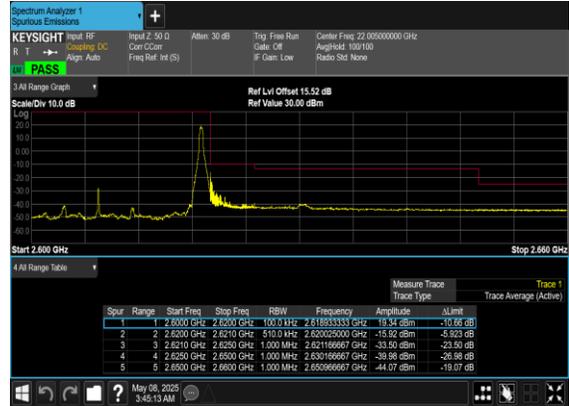




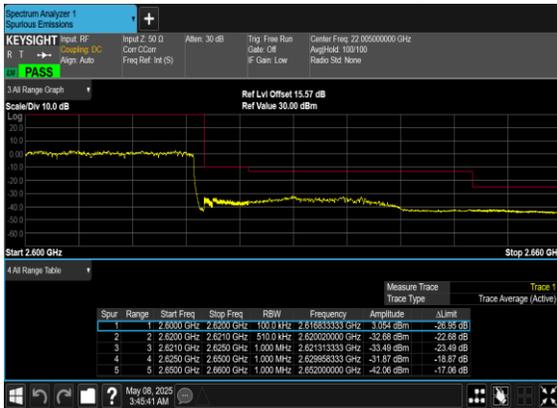
N38(25M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



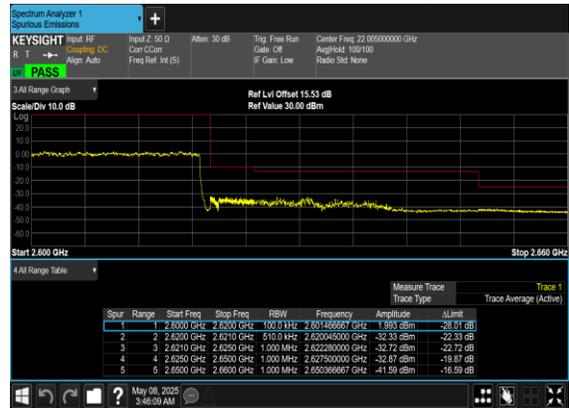
N38(25M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N38(25M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



N38(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N41 (ANT3)

## Transmitter Conducted Output Power And EIRP, (G<sub>T</sub> - L<sub>c</sub>)=-0.62dBi

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	12@6	26.02	25.4	0.3467
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	26.07	25.45	0.3508
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@22	26.04	25.42	0.3483
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	12@6	25.07	24.45	0.2786
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.21	24.59	0.2877
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@22	25.11	24.49	0.2812
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	12@6	25.82	25.2	0.3311
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.67	25.05	0.3199
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@22	25.62	25	0.3162
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	12@6	24.72	24.1	0.2570
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	24.15	0.2600
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@22	24.77	24.15	0.2600
41	30	10	537000	2685	DFT-s-OFDM QPSK	12@6	25.83	25.21	0.3319
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	25.64	25.02	0.3177
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@22	25.81	25.19	0.3304
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	12@6	24.78	24.16	0.2606
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.84	24.22	0.2642
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@22	25	24.38	0.2742
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	18@9	26.06	25.44	0.3499
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	26	25.38	0.3451
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@36	26.06	25.44	0.3499
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	18@9	25.08	24.46	0.2793
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	25.21	24.59	0.2877
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@36	25.13	24.51	0.2825
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	18@9	25.76	25.14	0.3266
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.72	25.1	0.3236
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@36	25.63	25.01	0.3170
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	18@9	24.77	24.15	0.2600
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.79	24.17	0.2612
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@36	24.8	24.18	0.2618
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	18@9	25.69	25.07	0.3214
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	25.5	24.88	0.3076



41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@36	25.82	25.2	0.3311
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	18@9	24.71	24.09	0.2564
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	24.73	24.11	0.2576
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@36	24.99	24.37	0.2735
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	26.15	25.53	0.3573
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	26.14	25.52	0.3565
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	26.17	25.55	0.3589
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	25.09	24.47	0.2799
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.18	24.56	0.2858
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	25.14	24.52	0.2831
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	25.8	25.18	0.3296
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.77	25.15	0.3273
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	25.76	25.14	0.3266
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	24.9	24.28	0.2679
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.8	24.18	0.2618
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	24.74	24.12	0.2582
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	25.72	25.1	0.3236
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.41	24.79	0.3013
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	25.82	25.2	0.3311
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	24.69	24.07	0.2553
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.63	24.01	0.2518
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	25.06	24.44	0.2780
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	26.06	25.44	0.3499
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.01	25.39	0.3459
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	26.03	25.41	0.3475
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	25.11	24.49	0.2812
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.09	24.47	0.2799
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	25.13	24.51	0.2825
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	25.74	25.12	0.3251
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	25.09	0.3228
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	25.63	25.01	0.3170
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	24.79	24.17	0.2612
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.75	24.13	0.2588
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	24.76	24.14	0.2594
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	25.51	24.89	0.3083
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.4	24.78	0.3006
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	25.78	25.16	0.3281
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	24.55	23.93	0.2472
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.36	23.74	0.2366



41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	24.95	24.33	0.2710
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	26.13	25.51	0.3556
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.04	25.42	0.3483
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	26.03	25.41	0.3475
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	25.12	24.5	0.2818
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.14	24.52	0.2831
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	25.05	24.43	0.2773
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	25.76	25.14	0.3266
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	25.09	0.3228
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	25.68	25.06	0.3206
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	24.8	24.18	0.2618
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.8	24.18	0.2618
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	24.8	24.18	0.2618
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	25.5	24.88	0.3076
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.38	24.76	0.2992
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	25.85	25.23	0.3334
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	24.59	23.97	0.2495
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	24.35	23.73	0.2360
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	25.01	24.39	0.2748
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	26.12	25.5	0.3548
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.12	25.5	0.3548
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	25.87	25.25	0.3350
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	25.14	24.52	0.2831
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.09	24.47	0.2799
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	24.79	24.17	0.2612
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	25.8	25.18	0.3296
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.61	24.99	0.3155
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	25.67	25.05	0.3199
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	24.77	24.15	0.2600
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.62	24	0.2512
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	24.76	24.14	0.2594
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	25.44	24.82	0.3034
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.31	24.69	0.2944
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	25.73	25.11	0.3243
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	24.53	23.91	0.2460
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.4	23.78	0.2388
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	24.96	24.34	0.2716
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	26.05	25.43	0.3491
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	26.02	25.4	0.3467



41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	25.65	25.03	0.3184
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	25.13	24.51	0.2825
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.15	24.53	0.2838
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	24.74	24.12	0.2582
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	25.75	25.13	0.3258
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.71	25.09	0.3228
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	25.77	25.15	0.3273
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	24.84	24.22	0.2642
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.66	24.04	0.2535
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	24.86	24.24	0.2655
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	25.46	24.84	0.3048
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.67	25.05	0.3199
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	25.9	25.28	0.3373
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	24.57	23.95	0.2483
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.68	24.06	0.2547
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	25.09	24.47	0.2799
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	25.97	25.35	0.3428
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	26.19	25.57	0.3606
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	25.91	25.29	0.3381
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	25.08	24.46	0.2793
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	25.23	24.61	0.2891
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	24.96	24.34	0.2716
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	25.86	25.24	0.3342
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.65	25.03	0.3184
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	25.87	25.25	0.3350
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	24.94	24.32	0.2704
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.71	24.09	0.2564
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	24.98	24.36	0.2729
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	25.59	24.97	0.3141
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.74	25.12	0.3251
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	25.91	25.29	0.3381
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	24.7	24.08	0.2559
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.86	24.24	0.2655
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	25.07	24.45	0.2786
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	25.94	25.32	0.3404
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	26.09	25.47	0.3524
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	25.87	25.25	0.3350
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	24.95	24.33	0.2710
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	25.19	24.57	0.2864



41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	24.89	24.27	0.2673
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	25.88	25.26	0.3357
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.7	25.08	0.3221
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	25.91	25.29	0.3381
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	24.94	24.32	0.2704
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.82	24.2	0.2630
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	24.89	24.27	0.2673
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	25.58	24.96	0.3133
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.59	24.97	0.3141
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	25.88	25.26	0.3357
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	24.66	24.04	0.2535
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.74	24.12	0.2582
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	25.02	24.4	0.2754
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.92	25.3	0.3388
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.29	25.67	0.3690
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.89	25.27	0.3365
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.95	25.33	0.3412
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.11	25.49	0.3540
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.8	25.18	0.3296
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.03	24.41	0.2761
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.29	24.67	0.2931
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.9	24.28	0.2679
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.48	22.86	0.1932
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.8	23.18	0.2080
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.38	22.76	0.1888
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.52	20.9	0.1230
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.75	21.13	0.1297
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.26	20.64	0.1159
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.48	23.86	0.2432
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.7	24.08	0.2559
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.33	23.71	0.2350
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.78	25.16	0.3281
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.92	25.3	0.3388
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.81	25.19	0.3304
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.9	25.28	0.3373
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.84	25.22	0.3327
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.81	25.19	0.3304
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.92	24.3	0.2692
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.88	24.26	0.2667



41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.8	24.18	0.2618
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.39	22.77	0.1892
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.37	22.75	0.1884
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.26	22.64	0.1837
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.43	20.81	0.1205
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.3	20.68	0.1169
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.25	20.63	0.1156
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.38	23.76	0.2377
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.28	23.66	0.2323
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.24	23.62	0.2301
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.54	24.92	0.3105
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.76	25.14	0.3266
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.07	25.45	0.3508
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.64	25.02	0.3177
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.68	25.06	0.3206
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.92	25.3	0.3388
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.76	24.14	0.2594
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.78	24.16	0.2606
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.07	24.45	0.2786
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.28	22.66	0.1845
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.28	22.66	0.1845
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.69	23.07	0.2028
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.28	20.66	0.1164
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.1	20.48	0.1117
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.58	20.96	0.1247
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.2	23.58	0.2280
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.14	23.52	0.2249
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.43	23.81	0.2404



# FR1 N41 (ANT2)

## 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	5.9	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	9	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.1	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	3	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	11.9	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.3	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	14.2	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.3	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.9	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.1	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	4.8	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	8.2	PASS	50°C

|MAX(Δf)| = 14.2 Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL -  MAX(Δ f)	2496.925886	≥ 2496 MHz	PASS
fH +  MAX(Δ f)	2688.708614	≤ 2690 MHz	



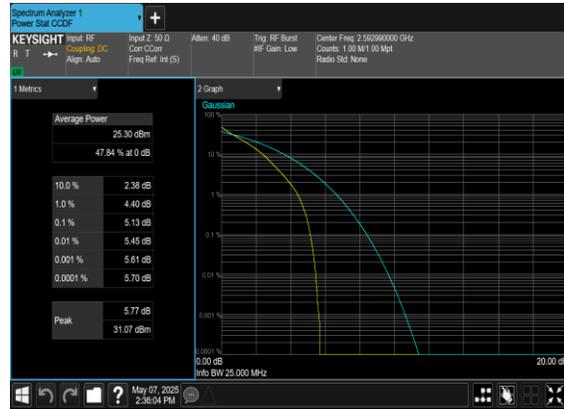
### Peak to Average Ratio

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	4.07	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	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5955	9.196
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5606	9.229
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5425	9.194
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.5761	9.145
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.587	14.19
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.598	14.33
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.603	14.35
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.552	14.38
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.196	18.82
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.112	19.11
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.123	18.99
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.213	18.89
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.788	28.93
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.741	29.08
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.717	29.1
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.808	28.87
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.772	39.14
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.77	39.24
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.886	39.15
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.806	39.41
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.408	49.02
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.359	49.32



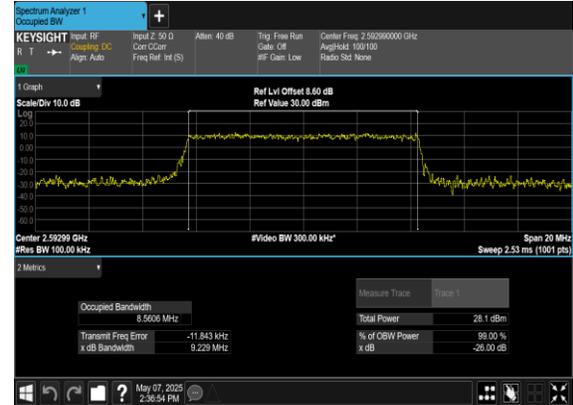
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.387	48.96
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.402	49.15
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.752	59.66
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.624	59.68
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.859	59.68
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.741	59.6
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.289	79.92
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.46	79.84
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.607	80.0
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.479	79.95
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.344	90.08
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.512	90.13
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.347	90.27
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.585	90.36
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.142	100.6
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.45	100.4
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.753	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.31	100.4



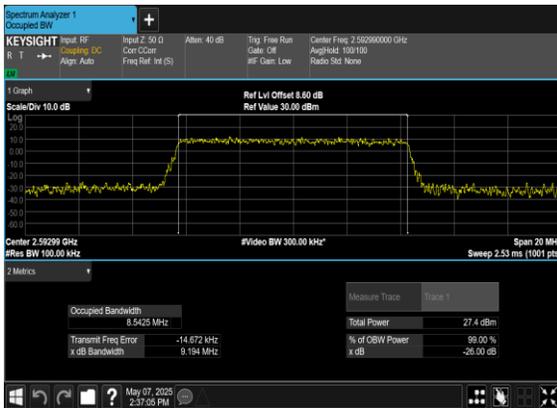
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N41(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(15M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

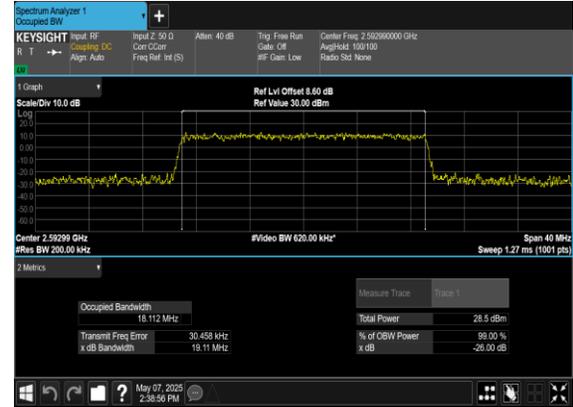




N41(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



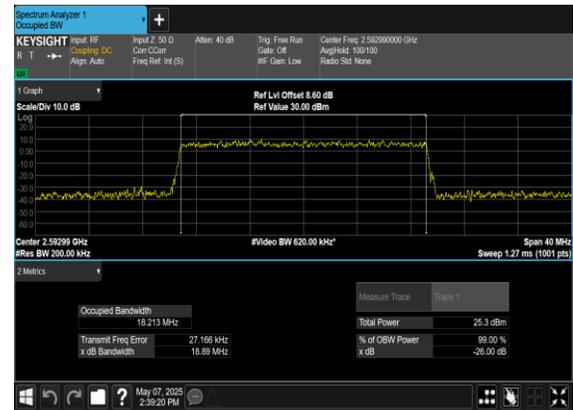
N41(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





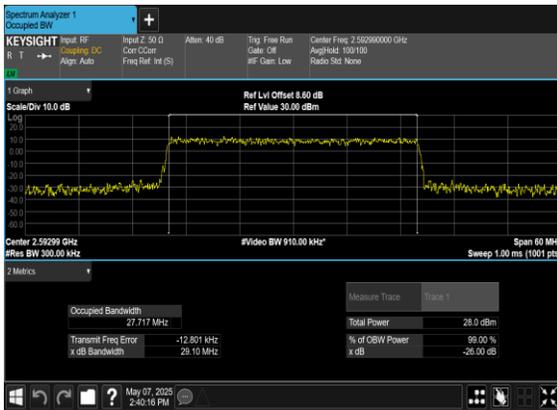
N41(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



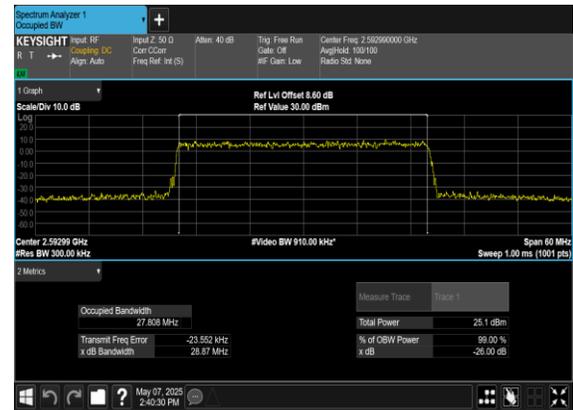
N41(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



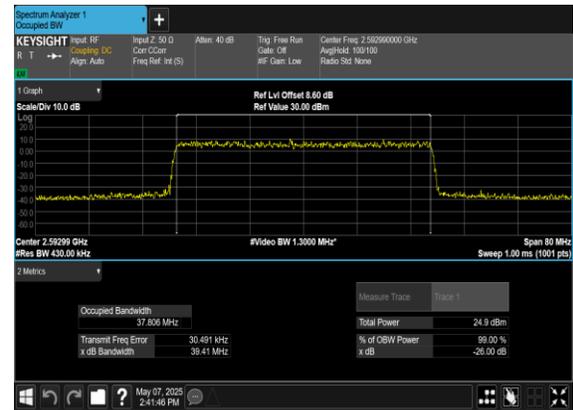
N41(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(50M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



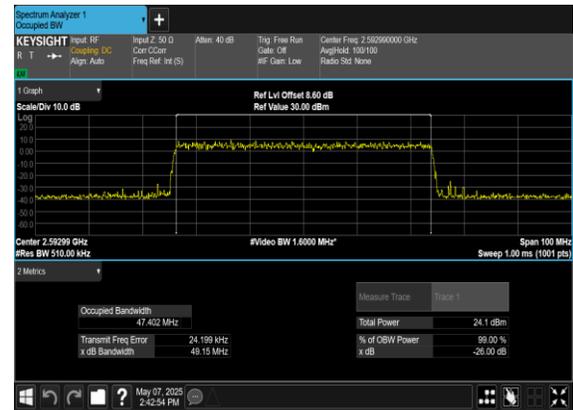
N41(50M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(50M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(50M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



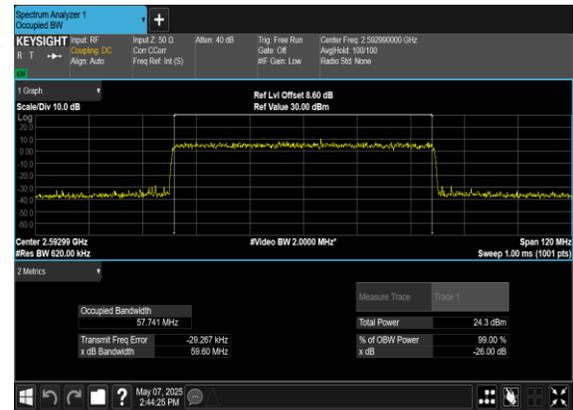
N41(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(60M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(60M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(80M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(80M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(80M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(80M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





N41(90M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



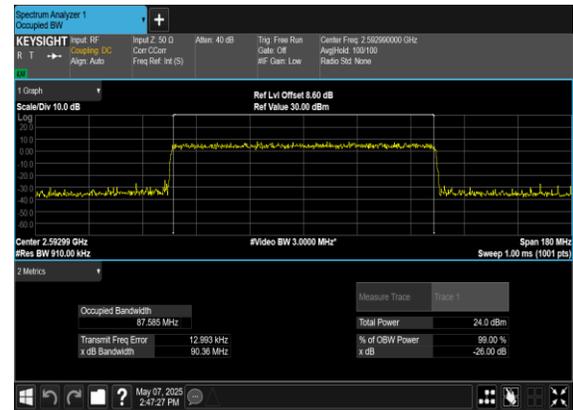
N41(90M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(90M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(90M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





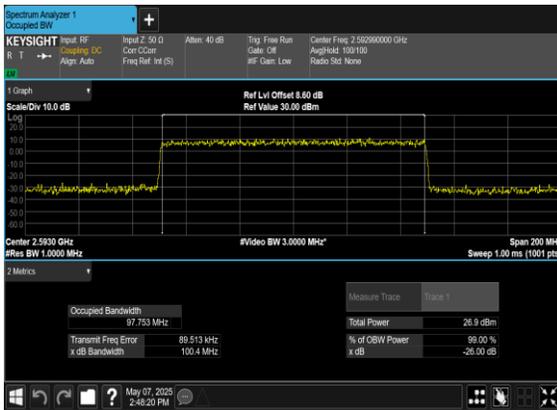
N41(100M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



N41(100M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---



41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
41	30	50	532998	2664.99	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(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



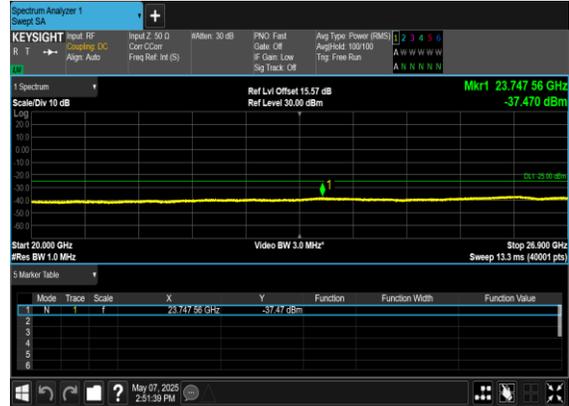
N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH





N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

