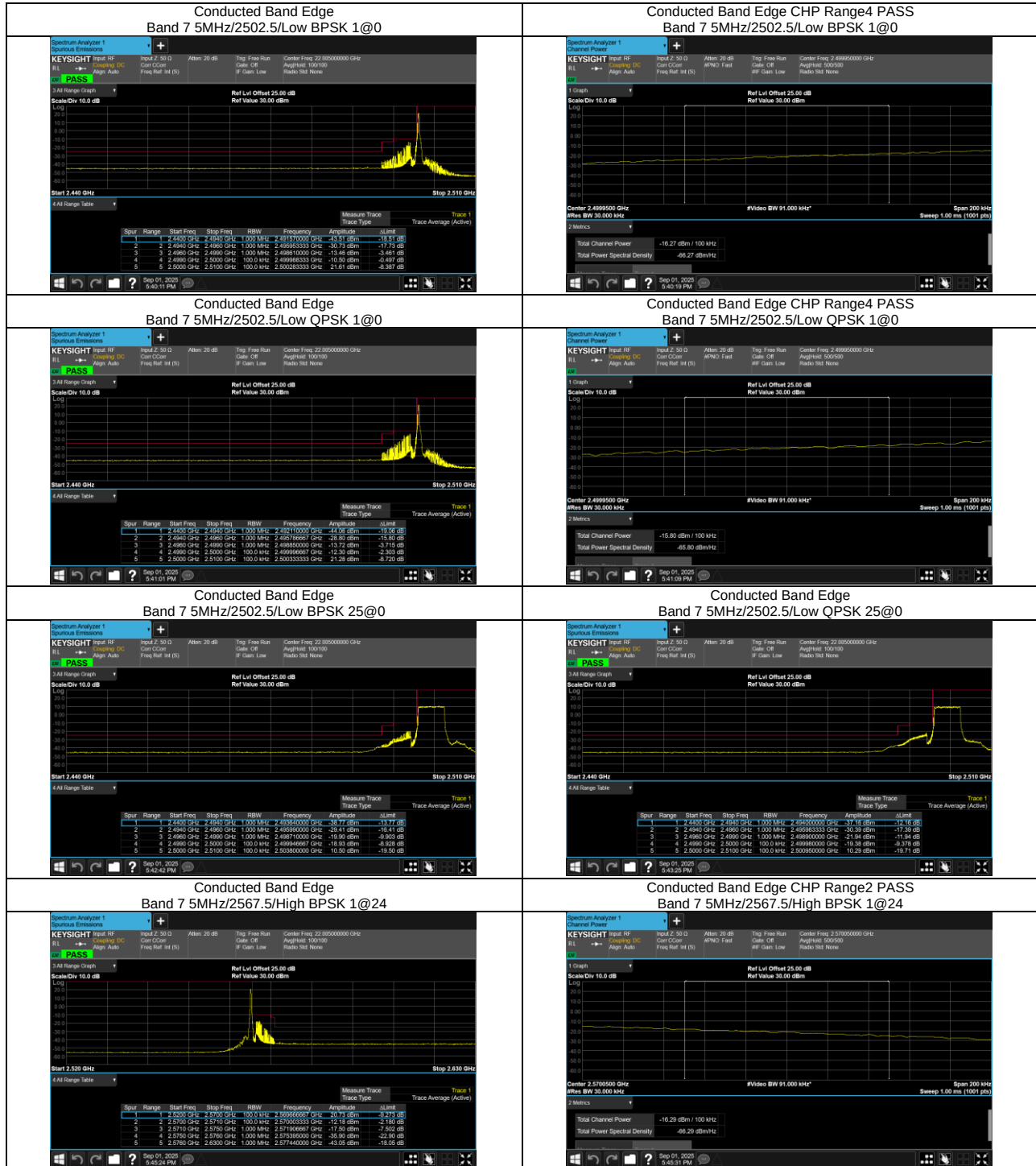




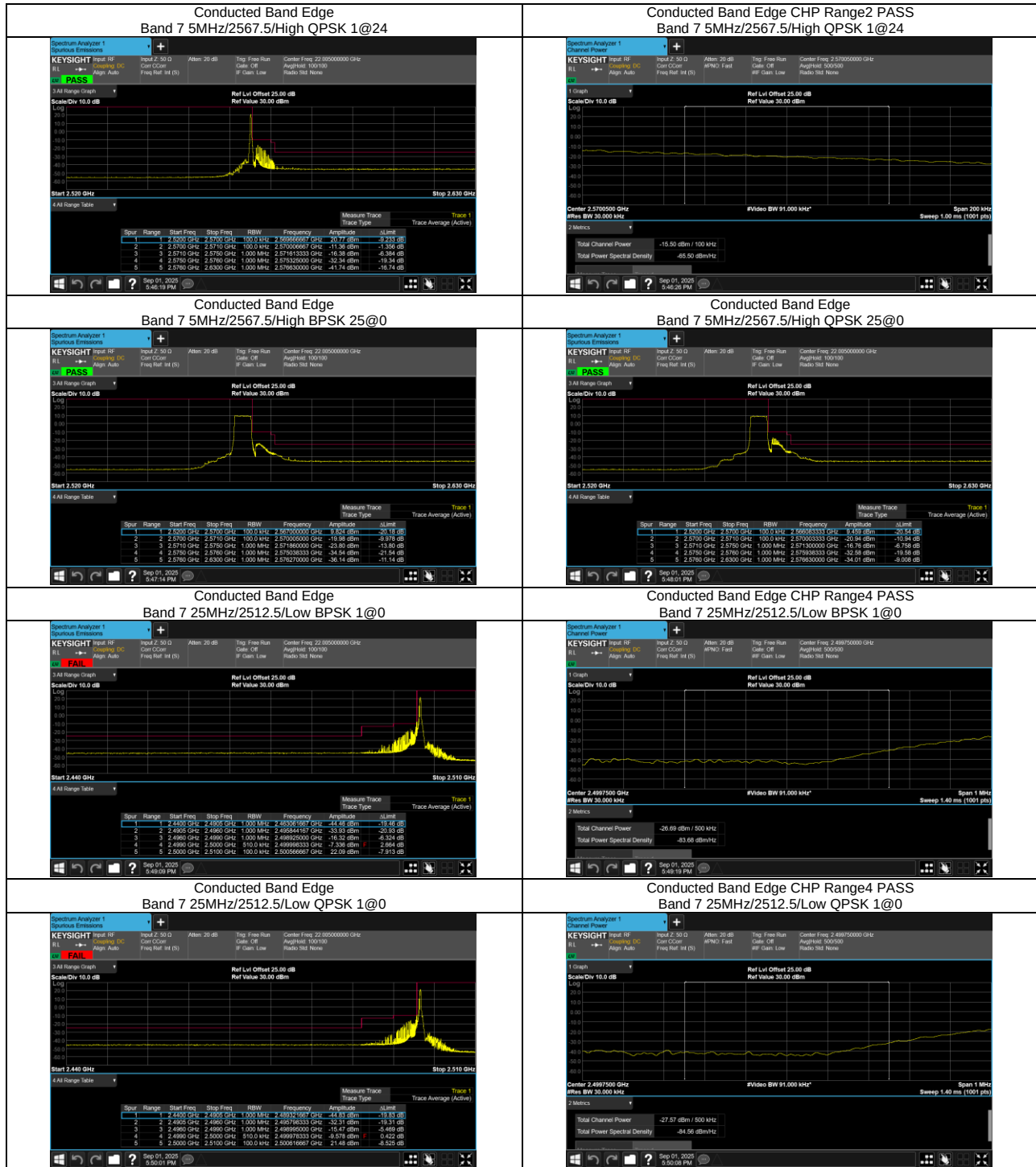
Test Graphs

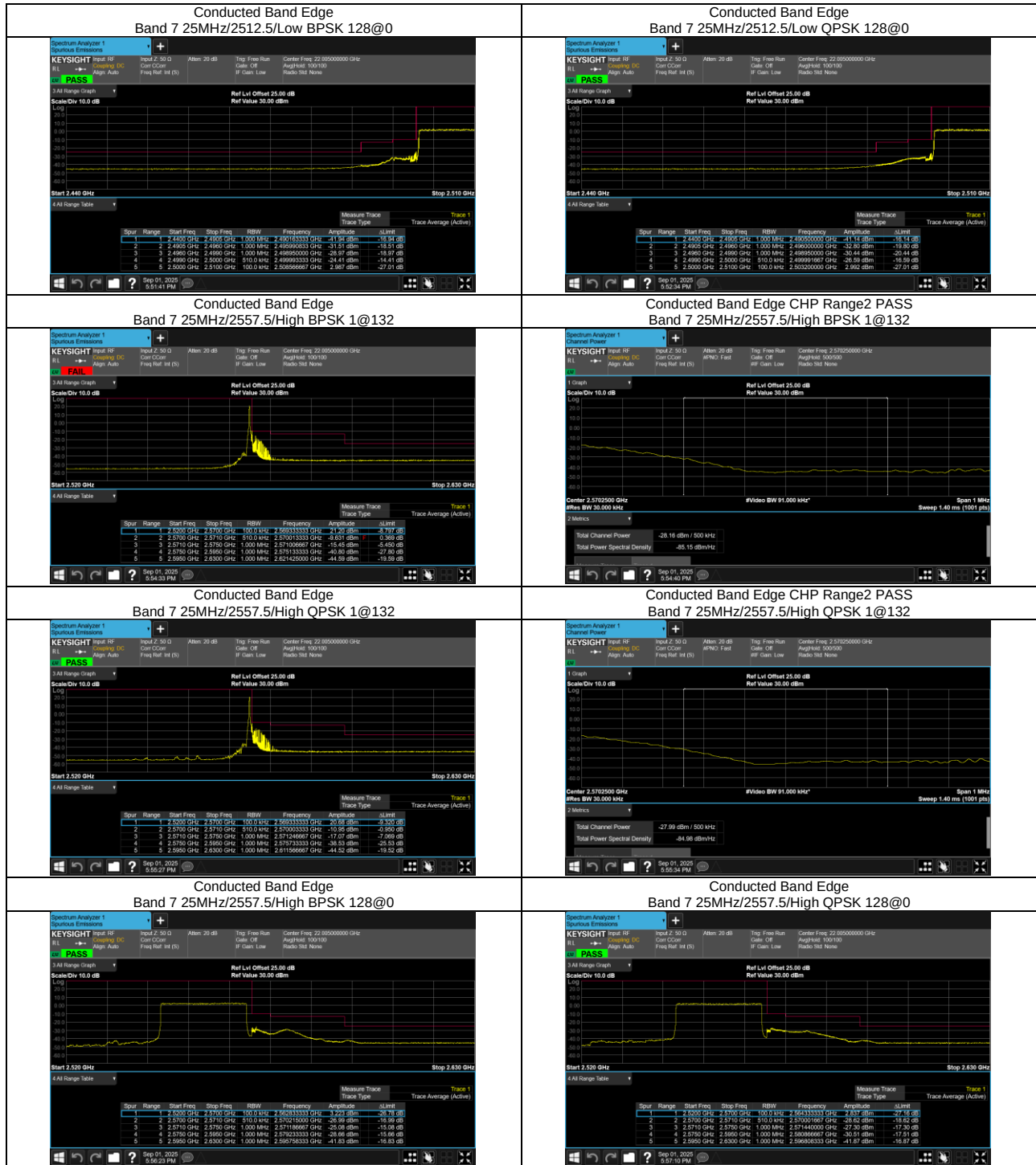




FCC RF Test Report

Report No. : FG5725021







Conducted Band Edge

Band 7 50MHz/2525.0/Low BPSK 1@0

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.440 GHz
Stop: 2.510 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude	ΔLimit
1	1	2.4500 GHz	2.4500 GHz	1.000 MHz	2.479933333 GHz	-44.81 dBm	-10.81 dB
2	2	2.4500 GHz	2.4900 GHz	1.000 MHz	2.459933333 GHz	-36.17 dBm	-12.17 dB
3	3	2.4900 GHz	2.4900 GHz	1.000 MHz	2.489710000 GHz	-22.24 dBm	-12.24 dB
4	4	2.4900 GHz	2.5000 GHz	1.000 MHz	2.500000000 GHz	-8.00 dBm	-18.00 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.500733333 GHz	21.92 dBm	-6.97 dB

Conducted Band Edge

Band 7 50MHz/2525.0/Low QPSK 1@0

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.440 GHz
Stop: 2.510 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude	ΔLimit
1	1	2.4500 GHz	2.4500 GHz	1.000 MHz	2.479933333 GHz	-44.81 dBm	-10.81 dB
2	2	2.4500 GHz	2.4900 GHz	1.000 MHz	2.459933333 GHz	-33.06 dBm	-10.36 dB
3	3	2.4900 GHz	2.4900 GHz	1.000 MHz	2.489625000 GHz	-33.06 dBm	-10.36 dB
4	4	2.4900 GHz	2.5000 GHz	1.000 MHz	2.499960000 GHz	-20.28 dBm	-10.28 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.500000000 GHz	21.51 dBm	-8.49 dB

Conducted Band Edge

Band 7 50MHz/2525.0/Low BPSK 270@0

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.440 GHz
Stop: 2.510 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude	ΔLimit
1	1	2.4500 GHz	2.4500 GHz	1.000 MHz	2.480115833 GHz	-40.46 dBm	-15.46 dB
2	2	2.4500 GHz	2.4900 GHz	1.000 MHz	2.459944167 GHz	-32.05 dBm	-11.05 dB
3	3	2.4900 GHz	2.4900 GHz	1.000 MHz	2.489780000 GHz	-26.96 dBm	-16.96 dB
4	4	2.4900 GHz	2.5000 GHz	1.000 MHz	2.489933333 GHz	-14.21 dBm	-21.79 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.500733333 GHz	0.505 dBm	-29.49 dB

Conducted Band Edge

Band 7 50MHz/2525.0/Low QPSK 270@0

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.440 GHz
Stop: 2.510 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude	ΔLimit
1	1	2.4500 GHz	2.4500 GHz	1.000 MHz	2.481633333 GHz	-40.81 dBm	-15.81 dB
2	2	2.4500 GHz	2.4900 GHz	1.000 MHz	2.459912500 GHz	-34.40 dBm	-12.40 dB
3	3	2.4900 GHz	2.4900 GHz	1.000 MHz	2.489400000 GHz	-26.99 dBm	-16.99 dB
4	4	2.4900 GHz	2.5000 GHz	1.000 MHz	2.489633333 GHz	-14.30 dBm	-21.70 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.500000000 GHz	0.500 dBm	-29.50 dB

Conducted Band Edge

Band 7 50MHz/2545.0/High BPSK 1@269

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.520 GHz
Stop: 2.630 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude	ΔLimit
1	1	2.5700 GHz	2.5700 GHz	1.000 MHz	2.570000000 GHz	-44.84 dBm	-14.84 dB
2	2	2.5700 GHz	2.5750 GHz	1.000 MHz	2.571026667 GHz	-46.79 dBm	-27.79 dB
3	3	2.5750 GHz	2.5750 GHz	1.000 MHz	2.571026667 GHz	-46.79 dBm	-27.79 dB
4	4	2.5750 GHz	2.6200 GHz	1.000 MHz	2.576200000 GHz	-40.89 dBm	-20.89 dB
5	5	2.6200 GHz	2.6300 GHz	1.000 MHz	2.627583333 GHz	-44.54 dBm	-19.54 dB

Conducted Band Edge

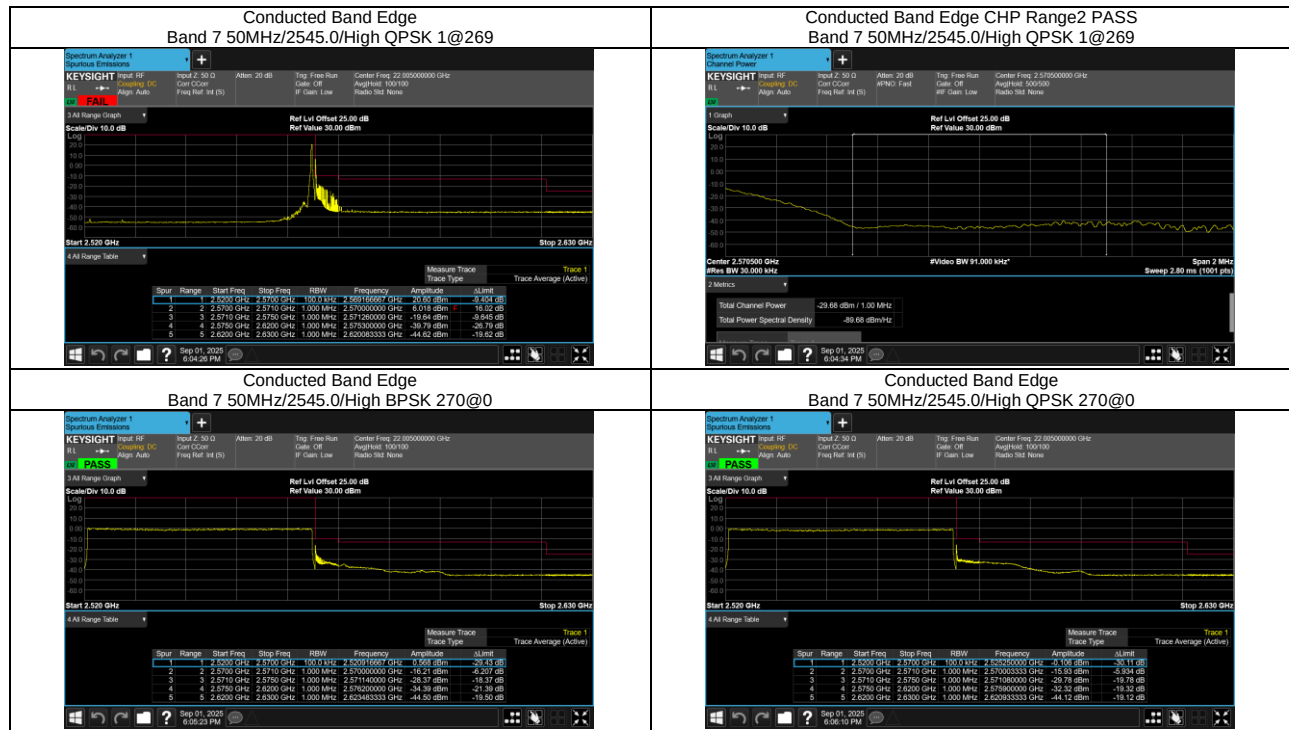
Band 7 50MHz/2545.0/High BPSK 2@269

KEYSIGHT Spectrum Analyzer 1
Spurious Emissions
Input Z: 50 Ω
Att: 20 dB
Trig: Free Run
Center Freq: 22.00000000 GHz
Gate: Off
Averaging: Off
Ref: Off
IF Gain: Low
Radio Std: None
#Video BW: 91.000 kHz
Sweep: 2.00 ms (1001 pts)

3.0A Range Graph
ScaleDiv: 10.0 dB
Log
Start: 2.520 GHz
Stop: 2.630 GHz

Measure Trace
Trace Type: Trace 1
Trace Average: (Active)

Spur	Range	Start Freq	Stop Freq	RW	Frequency	Amplitude
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**FR1 N38 (ANT8)****Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)= -1.3 dB**

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575	DFT-s-OFDM PI/2 BPSK	1@1	23.13	21.83	0.1524
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	22.99	21.69	0.1476
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.12	21.82	0.1521
38	30	10	515000	2575	DFT-s-OFDM 64 QAM	1@1	22.35	21.05	0.1274
38	30	10	515000	2575	DFT-s-OFDM 256 QAM	1@1	20.08	18.78	0.0755
38	30	10	515000	2575	DFT-s-OFDM QPSK	24@0	22.97	21.67	0.1469
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	24@0	22.69	21.39	0.1377
38	30	10	515000	2575	DFT-s-OFDM 64 QAM	24@0	22.25	20.95	0.1245
38	30	10	515000	2575	DFT-s-OFDM 256 QAM	24@0	20.10	18.80	0.0759
38	30	10	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.03	21.73	0.1489
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	22.95	21.65	0.1462
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.05	21.75	0.1496
38	30	10	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.09	20.79	0.1199
38	30	10	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.05	18.75	0.0750
38	30	10	519000	2595	DFT-s-OFDM QPSK	24@0	23.03	21.73	0.1489
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	24@0	22.72	21.42	0.1387
38	30	10	519000	2595	DFT-s-OFDM 64 QAM	24@0	22.21	20.91	0.1233
38	30	10	519000	2595	DFT-s-OFDM 256 QAM	24@0	20.12	18.82	0.0762
38	30	10	523000	2615	DFT-s-OFDM PI/2 BPSK	1@1	23.05	21.75	0.1496
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	22.96	21.66	0.1466
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.97	21.67	0.1469
38	30	10	523000	2615	DFT-s-OFDM 64 QAM	1@1	22.16	20.86	0.1219
38	30	10	523000	2615	DFT-s-OFDM 256 QAM	1@1	20.08	18.78	0.0755
38	30	10	523000	2615	DFT-s-OFDM QPSK	24@0	22.93	21.63	0.1455
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	24@0	22.68	21.38	0.1374
38	30	10	523000	2615	DFT-s-OFDM 64 QAM	24@0	22.19	20.89	0.1227
38	30	10	523000	2615	DFT-s-OFDM 256 QAM	24@0	20.01	18.71	0.0743
38	30	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1@1	23.10	21.80	0.1514
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	23.16	21.86	0.1535
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.15	21.85	0.1531
38	30	15	515500	2577.5	DFT-s-OFDM 64 QAM	1@1	22.16	20.86	0.1219
38	30	15	515500	2577.5	DFT-s-OFDM 256 QAM	1@1	20.04	18.74	0.0748
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	36@0	23.01	21.71	0.1483
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	36@0	22.73	21.43	0.1390



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	15	515500	2577.5	DFT-s-OFDM 64 QAM	36@0	22.23	20.93	0.1239
38	30	15	515500	2577.5	DFT-s-OFDM 256 QAM	36@0	20.02	18.72	0.0745
38	30	15	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.20	21.90	0.1549
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	23.07	21.77	0.1503
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.12	21.82	0.1521
38	30	15	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.22	20.92	0.1236
38	30	15	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.13	18.83	0.0764
38	30	15	519000	2595	DFT-s-OFDM QPSK	36@0	22.89	21.59	0.1442
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	36@0	22.74	21.44	0.1393
38	30	15	519000	2595	DFT-s-OFDM 64 QAM	36@0	22.21	20.91	0.1233
38	30	15	519000	2595	DFT-s-OFDM 256 QAM	36@0	20.09	18.79	0.0757
38	30	15	522500	2612.5	DFT-s-OFDM PI/2 BPSK	1@1	22.95	21.65	0.1462
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	23.08	21.78	0.1507
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	23.08	21.78	0.1507
38	30	15	522500	2612.5	DFT-s-OFDM 64 QAM	1@1	22.14	20.84	0.1213
38	30	15	522500	2612.5	DFT-s-OFDM 256 QAM	1@1	20.05	18.75	0.0750
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	36@0	22.98	21.68	0.1472
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	36@0	22.60	21.30	0.1349
38	30	15	522500	2612.5	DFT-s-OFDM 64 QAM	36@0	22.11	20.81	0.1205
38	30	15	522500	2612.5	DFT-s-OFDM 256 QAM	36@0	20.06	18.76	0.0752
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	23.11	21.81	0.1517
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.03	21.73	0.1489
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	22.94	21.64	0.1459
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@1	22.27	20.97	0.1250
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@1	20.09	18.79	0.0757
38	30	20	516000	2580	DFT-s-OFDM QPSK	50@0	23.05	21.75	0.1496
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	50@0	22.76	21.46	0.1400
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	50@0	22.24	20.94	0.1242
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	50@0	20.19	18.89	0.0774
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.04	21.74	0.1493
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.04	21.74	0.1493
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.05	21.75	0.1496
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.31	21.01	0.1262
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.99	18.69	0.0740
38	30	20	519000	2595	DFT-s-OFDM QPSK	50@0	23.10	21.80	0.1514
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	50@0	22.73	21.43	0.1390
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	50@0	22.25	20.95	0.1245
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	50@0	20.12	18.82	0.0762
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	23.04	21.74	0.1493
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.01	21.71	0.1483
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.07	21.77	0.1503



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@1	21.97	20.67	0.1167
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@1	20.09	18.79	0.0757
38	30	20	522000	2610	DFT-s-OFDM QPSK	50@0	22.94	21.64	0.1459
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	50@0	22.56	21.26	0.1337
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	50@0	22.17	20.87	0.1222
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	50@0	20.06	18.76	0.0752
38	30	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1@1	23.25	21.95	0.1567
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	23.27	21.97	0.1574
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	23.25	21.95	0.1567
38	30	25	516500	2582.5	DFT-s-OFDM 64 QAM	1@1	22.29	20.99	0.1256
38	30	25	516500	2582.5	DFT-s-OFDM 256 QAM	1@1	20.17	18.87	0.0771
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	64@0	23.05	21.75	0.1496
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	64@0	22.86	21.56	0.1432
38	30	25	516500	2582.5	DFT-s-OFDM 64 QAM	64@0	22.24	20.94	0.1242
38	30	25	516500	2582.5	DFT-s-OFDM 256 QAM	64@0	20.19	18.89	0.0774
38	30	25	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.26	21.96	0.1570
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	23.24	21.94	0.1563
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.21	21.91	0.1552
38	30	25	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.43	21.13	0.1297
38	30	25	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.26	18.96	0.0787
38	30	25	519000	2595	DFT-s-OFDM QPSK	64@0	23.03	21.73	0.1489
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	64@0	22.82	21.52	0.1419
38	30	25	519000	2595	DFT-s-OFDM 64 QAM	64@0	22.23	20.93	0.1239
38	30	25	519000	2595	DFT-s-OFDM 256 QAM	64@0	20.27	18.97	0.0789
38	30	25	521500	2607.5	DFT-s-OFDM PI/2 BPSK	1@1	23.29	21.99	0.1581
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	23.25	21.95	0.1567
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	23.29	21.99	0.1581
38	30	25	521500	2607.5	DFT-s-OFDM 64 QAM	1@1	22.36	21.06	0.1276
38	30	25	521500	2607.5	DFT-s-OFDM 256 QAM	1@1	20.28	18.98	0.0791
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	64@0	23.07	21.77	0.1503
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	64@0	22.74	21.44	0.1393
38	30	25	521500	2607.5	DFT-s-OFDM 64 QAM	64@0	22.36	21.06	0.1276
38	30	25	521500	2607.5	DFT-s-OFDM 256 QAM	64@0	20.23	18.93	0.0782
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	23.15	21.85	0.1531
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.21	21.91	0.1552
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.37	22.07	0.1611
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	1@1	22.37	21.07	0.1279
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	1@1	20.07	18.77	0.0753
38	30	30	517000	2585	DFT-s-OFDM QPSK	75@0	23.15	21.85	0.1531
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	75@0	22.82	21.52	0.1419
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	75@0	22.34	21.04	0.1271



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	75@0	20.27	18.97	0.0789
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.28	21.98	0.1578
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.24	21.94	0.1563
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.41	22.11	0.1626
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.29	20.99	0.1256
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.18	18.88	0.0773
38	30	30	519000	2595	DFT-s-OFDM QPSK	75@0	23.08	21.78	0.1507
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	75@0	22.85	21.55	0.1429
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	75@0	22.36	21.06	0.1276
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	75@0	20.23	18.93	0.0782
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	23.26	21.96	0.1570
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	23.23	21.93	0.1560
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.46	22.16	0.1644
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	1@1	22.37	21.07	0.1279
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	1@1	20.23	18.93	0.0782
38	30	30	521000	2605	DFT-s-OFDM QPSK	75@0	23.06	21.76	0.1500
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	75@0	22.89	21.59	0.1442
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	75@0	22.24	20.94	0.1242
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	75@0	20.30	19.00	0.0794
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.10	21.80	0.1514
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@0	23.07	21.77	0.1503
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.02	21.72	0.1486
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	2@0	23.08	21.78	0.1507
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	23.12	21.82	0.1521
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	2@104	22.88	21.58	0.1439
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	100@0	23.13	21.83	0.1524
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.04	21.74	0.1493
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@0	23.02	21.72	0.1486
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.11	21.81	0.1517
38	30	40	518000	2590	DFT-s-OFDM QPSK	2@0	23.08	21.78	0.1507
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.20	21.90	0.1549
38	30	40	518000	2590	DFT-s-OFDM QPSK	2@104	22.90	21.60	0.1445
38	30	40	518000	2590	DFT-s-OFDM QPSK	100@0	23.14	21.84	0.1528
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.19	21.89	0.1545
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.22	20.92	0.1236
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.13	18.83	0.0764
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	100@0	22.80	21.50	0.1413
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	100@0	22.22	20.92	0.1236
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	100@0	20.29	18.99	0.0793
38	30	40	518000	2590	CP-OFDM QPSK	1@0	21.69	20.39	0.1094
38	30	40	518000	2590	CP-OFDM 16 QAM	1@1	22.96	21.66	0.1466



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	40	518000	2590	CP-OFDM 64 QAM	1@1	21.32	20.02	0.1005
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.15	21.85	0.1531
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@0	23.04	21.74	0.1493
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.08	21.78	0.1507
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	2@0	23.16	21.86	0.1535
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	23.23	21.93	0.1560
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	2@104	22.94	21.64	0.1459
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	100@0	23.23	21.93	0.1560
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.28	21.98	0.1578
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@0	23.17	21.87	0.1538
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	22.98	21.68	0.1472
38	30	40	519000	2595	DFT-s-OFDM QPSK	2@0	23.07	21.77	0.1503
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	23.13	21.83	0.1524
38	30	40	519000	2595	DFT-s-OFDM QPSK	2@104	23.00	21.70	0.1479
38	30	40	519000	2595	DFT-s-OFDM QPSK	100@0	23.17	21.87	0.1538
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.24	21.94	0.1563
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.27	20.97	0.1250
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.23	18.93	0.0782
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	100@0	22.73	21.43	0.1390
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	100@0	22.25	20.95	0.1245
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	100@0	20.24	18.94	0.0783
38	30	40	519000	2595	CP-OFDM QPSK	1@0	21.77	20.47	0.1114
38	30	40	519000	2595	CP-OFDM 16 QAM	1@1	22.99	21.69	0.1476
38	30	40	519000	2595	CP-OFDM 64 QAM	1@1	21.53	20.23	0.1054
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.17	21.87	0.1538
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@0	23.03	21.73	0.1489
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	22.95	21.65	0.1462
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	2@0	23.07	21.77	0.1503
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	23.07	21.77	0.1503
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	2@104	23.01	21.71	0.1483
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	100@0	23.07	21.77	0.1503
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.12	21.82	0.1521
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@0	22.93	21.63	0.1455
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	22.97	21.67	0.1469
38	30	40	520000	2600	DFT-s-OFDM QPSK	2@0	23.14	21.84	0.1528
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	23.05	21.75	0.1496
38	30	40	520000	2600	DFT-s-OFDM QPSK	2@104	22.96	21.66	0.1466
38	30	40	520000	2600	DFT-s-OFDM QPSK	100@0	23.02	21.72	0.1486
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.17	21.87	0.1538
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.20	20.90	0.1230
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.03	18.73	0.0746



NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	100@0	22.79	21.49	0.1409
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	100@0	22.19	20.89	0.1227
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	100@0	20.17	18.87	0.0771
38	30	40	520000	2600	CP-OFDM QPSK	1@0	21.66	20.36	0.1086
38	30	40	520000	2600	CP-OFDM 16 QAM	1@1	22.75	21.45	0.1396
38	30	40	520000	2600	CP-OFDM 64 QAM	1@1	21.49	20.19	0.1045

**FR1 N41 (ANT8)****Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)= -1.3 dB**

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	26.06	24.76	0.2992
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	24@0	25.58	24.28	0.2679
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	26.10	24.80	0.3020
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.97	24.67	0.2931
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	1@1	25.21	23.91	0.2460
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	1@1	22.90	21.60	0.1445
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	24@0	25.29	23.99	0.2506
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	24@0	25.11	23.81	0.2404
41	30	10	500202	2501.01	DFT-s-OFDM 64 QAM	24@0	23.72	22.42	0.1746
41	30	10	500202	2501.01	DFT-s-OFDM 256 QAM	24@0	23.10	21.80	0.1514
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.95	24.65	0.2917
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	24@0	25.53	24.23	0.2649
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.85	24.55	0.2851
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.90	24.60	0.2884
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.12	23.82	0.2410
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.83	21.53	0.1422
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	24@0	25.07	23.77	0.2382
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	24@0	24.25	22.95	0.1972
41	30	10	518598	2592.99	DFT-s-OFDM 64 QAM	24@0	23.49	22.19	0.1656
41	30	10	518598	2592.99	DFT-s-OFDM 256 QAM	24@0	22.87	21.57	0.1435
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	26.04	24.74	0.2979
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	24@0	25.56	24.26	0.2667
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.09	24.79	0.3013
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	1@1	25.03	23.73	0.2360
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	1@1	22.84	21.54	0.1426
41	30	10	537000	2685	DFT-s-OFDM QPSK	24@0	25.26	23.96	0.2489
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	24@0	25.11	23.81	0.2404
41	30	10	537000	2685	DFT-s-OFDM 64 QAM	24@0	23.74	22.44	0.1754
41	30	10	537000	2685	DFT-s-OFDM 256 QAM	24@0	23.00	21.70	0.1479
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.66	0.2924
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	36@0	25.73	24.43	0.2773



41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.91	24.61	0.2891
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	1@1	25.27	23.97	0.2495
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	1@1	22.90	21.60	0.1445
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	36@0	25.14	23.84	0.2421
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	36@0	25.06	23.76	0.2377
41	30	15	500700	2503.5	DFT-s-OFDM 64 QAM	36@0	23.62	22.32	0.1706
41	30	15	500700	2503.5	DFT-s-OFDM 256 QAM	36@0	22.99	21.69	0.1476
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.88	24.58	0.2871
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@0	25.71	24.41	0.2761
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.85	24.55	0.2851
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.93	24.63	0.2904
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.00	23.70	0.2344
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.90	21.60	0.1445
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	36@0	25.01	23.71	0.2350
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	36@0	25.65	24.35	0.2723
41	30	15	518598	2592.99	DFT-s-OFDM 64 QAM	36@0	23.54	22.24	0.1675
41	30	15	518598	2592.99	DFT-s-OFDM 256 QAM	36@0	23.03	21.73	0.1489
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.54	0.2844
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	36@0	25.46	24.16	0.2606
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	25.73	24.43	0.2773
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.91	24.61	0.2891
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	1@1	24.77	23.47	0.2223
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	1@1	22.85	21.55	0.1429
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	36@0	25.07	23.77	0.2382
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	36@0	24.63	23.33	0.2153
41	30	15	536496	2682.48	DFT-s-OFDM 64 QAM	36@0	23.59	22.29	0.1694
41	30	15	536496	2682.48	DFT-s-OFDM 256 QAM	36@0	22.88	21.58	0.1439
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.73	0.2972
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	25.66	24.36	0.2729
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.67	24.37	0.2735
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.86	24.56	0.2858
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	25.06	23.76	0.2377
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	22.87	21.57	0.1435
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	25.24	23.94	0.2477
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	50@0	25.52	24.22	0.2642
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	50@0	23.55	22.25	0.1679
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	50@0	23.12	21.82	0.1521
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.97	24.67	0.2931
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	25.71	24.41	0.2761



41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.73	24.43	0.2773
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.91	23.61	0.2296
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.93	21.63	0.1455
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	25.22	23.92	0.2466
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	50@0	24.63	23.33	0.2153
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	50@0	23.52	22.22	0.1667
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	50@0	22.95	21.65	0.1462
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	25.79	24.49	0.2812
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	25.51	24.21	0.2636
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.74	24.44	0.2780
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.83	24.53	0.2838
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	24.78	23.48	0.2228
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	22.73	21.43	0.1390
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	25.16	23.86	0.2432
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	50@0	24.26	22.96	0.1977
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	50@0	23.58	22.28	0.1690
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	50@0	23.03	21.73	0.1489
41	30	25	501702	2508.51	DFT-s-OFDM PI/2 BPSK	1@1	25.93	24.63	0.2904
41	30	25	501702	2508.51	DFT-s-OFDM PI/2 BPSK	64@0	25.68	24.38	0.2742
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	26.04	24.74	0.2979
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	25.93	24.63	0.2904
41	30	25	501702	2508.51	DFT-s-OFDM 64 QAM	1@1	25.09	23.79	0.2393
41	30	25	501702	2508.51	DFT-s-OFDM 256 QAM	1@1	22.94	21.64	0.1459
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	64@0	25.17	23.87	0.2438
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	64@0	24.58	23.28	0.2128
41	30	25	501702	2508.51	DFT-s-OFDM 64 QAM	64@0	23.67	22.37	0.1726
41	30	25	501702	2508.51	DFT-s-OFDM 256 QAM	64@0	23.13	21.83	0.1524
41	30	25	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.07	24.77	0.2999
41	30	25	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@0	25.69	24.39	0.2748
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.01	24.71	0.2958
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.12	24.82	0.3034
41	30	25	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.34	24.04	0.2535
41	30	25	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.00	21.70	0.1479
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	64@0	25.19	23.89	0.2449
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	64@0	24.36	23.06	0.2023
41	30	25	518598	2592.99	DFT-s-OFDM 64 QAM	64@0	23.60	22.30	0.1698
41	30	25	518598	2592.99	DFT-s-OFDM 256 QAM	64@0	23.01	21.71	0.1483
41	30	25	535500	2677.5	DFT-s-OFDM PI/2 BPSK	1@1	25.88	24.58	0.2871
41	30	25	535500	2677.5	DFT-s-OFDM PI/2 BPSK	64@0	25.56	24.26	0.2667



41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	25.87	24.57	0.2864
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	25	535500	2677.5	DFT-s-OFDM 64 QAM	1@1	24.99	23.69	0.2339
41	30	25	535500	2677.5	DFT-s-OFDM 256 QAM	1@1	23.18	21.88	0.1542
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	64@0	25.09	23.79	0.2393
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	64@0	24.29	22.99	0.1991
41	30	25	535500	2677.5	DFT-s-OFDM 64 QAM	64@0	23.60	22.30	0.1698
41	30	25	535500	2677.5	DFT-s-OFDM 256 QAM	64@0	23.13	21.83	0.1524
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.66	0.2924
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	75@0	25.61	24.31	0.2698
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.09	24.79	0.3013
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.95	24.65	0.2917
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@1	25.12	23.82	0.2410
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@1	22.97	21.67	0.1469
41	30	30	502200	2511	DFT-s-OFDM QPSK	75@0	25.12	23.82	0.2410
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	75@0	24.25	22.95	0.1972
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	75@0	23.65	22.35	0.1718
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	75@0	23.22	21.92	0.1556
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.95	24.65	0.2917
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	25.54	24.24	0.2655
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.92	24.62	0.2897
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.97	24.67	0.2931
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.25	23.95	0.2483
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.00	21.70	0.1479
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	25.20	23.90	0.2455
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	75@0	24.62	23.32	0.2148
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	75@0	23.65	22.35	0.1718
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	75@0	23.16	21.86	0.1535
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	25.79	24.49	0.2812
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	75@0	25.53	24.23	0.2649
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	25.98	24.68	0.2938
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.81	24.51	0.2825
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	24.93	23.63	0.2307
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	22.85	21.55	0.1429
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	75@0	24.95	23.65	0.2317
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	75@0	24.29	22.99	0.1991
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	75@0	23.58	22.28	0.1690
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	75@0	23.06	21.76	0.1500
41	30	35	502704	2513.52	DFT-s-OFDM PI/2 BPSK	1@1	25.93	24.63	0.2904
41	30	35	502704	2513.52	DFT-s-OFDM PI/2 BPSK	90@0	25.73	24.43	0.2773



41	30	35	502704	2513.52	DFT-s-OFDM QPSK	1@1	26.00	24.70	0.2951
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	1@1	25.94	24.64	0.2911
41	30	35	502704	2513.52	DFT-s-OFDM 64 QAM	1@1	25.01	23.71	0.2350
41	30	35	502704	2513.52	DFT-s-OFDM 256 QAM	1@1	22.90	21.60	0.1445
41	30	35	502704	2513.52	DFT-s-OFDM QPSK	90@0	25.14	23.84	0.2421
41	30	35	502704	2513.52	DFT-s-OFDM 16 QAM	90@0	24.29	22.99	0.1991
41	30	35	502704	2513.52	DFT-s-OFDM 64 QAM	90@0	23.57	22.27	0.1687
41	30	35	502704	2513.52	DFT-s-OFDM 256 QAM	90@0	23.13	21.83	0.1524
41	30	35	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.81	24.51	0.2825
41	30	35	518598	2592.99	DFT-s-OFDM PI/2 BPSK	90@0	25.70	24.40	0.2754
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.88	24.58	0.2871
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.04	24.74	0.2979
41	30	35	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.77	23.47	0.2223
41	30	35	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.97	21.67	0.1469
41	30	35	518598	2592.99	DFT-s-OFDM QPSK	90@0	25.09	23.79	0.2393
41	30	35	518598	2592.99	DFT-s-OFDM 16 QAM	90@0	24.22	22.92	0.1959
41	30	35	518598	2592.99	DFT-s-OFDM 64 QAM	90@0	23.72	22.42	0.1746
41	30	35	518598	2592.99	DFT-s-OFDM 256 QAM	90@0	23.13	21.83	0.1524
41	30	35	534498	2672.49	DFT-s-OFDM PI/2 BPSK	1@1	25.54	24.24	0.2655
41	30	35	534498	2672.49	DFT-s-OFDM PI/2 BPSK	90@0	25.55	24.25	0.2661
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	1@1	25.62	24.32	0.2704
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	1@1	25.86	24.56	0.2858
41	30	35	534498	2672.49	DFT-s-OFDM 64 QAM	1@1	24.86	23.56	0.2270
41	30	35	534498	2672.49	DFT-s-OFDM 256 QAM	1@1	22.81	21.51	0.1416
41	30	35	534498	2672.49	DFT-s-OFDM QPSK	90@0	25.06	23.76	0.2377
41	30	35	534498	2672.49	DFT-s-OFDM 16 QAM	90@0	24.85	23.55	0.2265
41	30	35	534498	2672.49	DFT-s-OFDM 64 QAM	90@0	23.62	22.32	0.1706
41	30	35	534498	2672.49	DFT-s-OFDM 256 QAM	90@0	23.12	21.82	0.1521
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	25.94	24.64	0.2911
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	100@0	25.69	24.39	0.2748
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.97	24.67	0.2931
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.84	24.54	0.2844
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	24.79	23.49	0.2234
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	23.06	21.76	0.1500
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	100@0	25.29	23.99	0.2506
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	100@0	24.96	23.66	0.2323
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	100@0	23.70	22.40	0.1738
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	100@0	23.13	21.83	0.1524
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.69	24.39	0.2748
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	25.73	24.43	0.2773



41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.79	24.49	0.2812
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.75	24.45	0.2786
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.01	23.71	0.2350
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.12	21.82	0.1521
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	25.13	23.83	0.2415
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	100@0	24.28	22.98	0.1986
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	100@0	23.64	22.34	0.1714
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	100@0	23.09	21.79	0.1510
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	25.71	24.41	0.2761
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	100@0	25.52	24.22	0.2642
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.71	24.41	0.2761
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.82	24.52	0.2831
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@1	24.80	23.50	0.2239
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@1	22.89	21.59	0.1442
41	30	40	534000	2670	DFT-s-OFDM QPSK	100@0	25.24	23.94	0.2477
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	100@0	24.63	23.33	0.2153
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	100@0	23.55	22.25	0.1679
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	100@0	22.97	21.67	0.1469
41	30	45	503700	2518.5	DFT-s-OFDM PI/2 BPSK	1@1	26.17	24.87	0.3069
41	30	45	503700	2518.5	DFT-s-OFDM PI/2 BPSK	108@0	25.70	24.40	0.2754
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	1@1	26.16	24.86	0.3062
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	1@1	26.06	24.76	0.2992
41	30	45	503700	2518.5	DFT-s-OFDM 64 QAM	1@1	25.19	23.89	0.2449
41	30	45	503700	2518.5	DFT-s-OFDM 256 QAM	1@1	23.14	21.84	0.1528
41	30	45	503700	2518.5	DFT-s-OFDM QPSK	108@0	25.18	23.88	0.2443
41	30	45	503700	2518.5	DFT-s-OFDM 16 QAM	108@0	24.58	23.28	0.2128
41	30	45	503700	2518.5	DFT-s-OFDM 64 QAM	108@0	23.81	22.51	0.1782
41	30	45	503700	2518.5	DFT-s-OFDM 256 QAM	108@0	23.27	21.97	0.1574
41	30	45	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.13	24.83	0.3041
41	30	45	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@0	25.78	24.48	0.2805
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.08	24.78	0.3006
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.12	24.82	0.3034
41	30	45	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.31	24.01	0.2518
41	30	45	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.08	21.78	0.1507
41	30	45	518598	2592.99	DFT-s-OFDM QPSK	108@0	25.16	23.86	0.2432
41	30	45	518598	2592.99	DFT-s-OFDM 16 QAM	108@0	24.68	23.38	0.2178
41	30	45	518598	2592.99	DFT-s-OFDM 64 QAM	108@0	23.78	22.48	0.1770
41	30	45	518598	2592.99	DFT-s-OFDM 256 QAM	108@0	23.24	21.94	0.1563
41	30	45	533496	2667.48	DFT-s-OFDM PI/2 BPSK	1@1	25.82	24.52	0.2831
41	30	45	533496	2667.48	DFT-s-OFDM PI/2 BPSK	108@0	25.61	24.31	0.2698



41	30	45	533496	2667.48	DFT-s-OFDM QPSK	1@1	25.83	24.53	0.2838
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	1@1	25.93	24.63	0.2904
41	30	45	533496	2667.48	DFT-s-OFDM 64 QAM	1@1	25.20	23.90	0.2455
41	30	45	533496	2667.48	DFT-s-OFDM 256 QAM	1@1	22.86	21.56	0.1432
41	30	45	533496	2667.48	DFT-s-OFDM QPSK	108@0	25.25	23.95	0.2483
41	30	45	533496	2667.48	DFT-s-OFDM 16 QAM	108@0	24.85	23.55	0.2265
41	30	45	533496	2667.48	DFT-s-OFDM 64 QAM	108@0	23.79	22.49	0.1774
41	30	45	533496	2667.48	DFT-s-OFDM 256 QAM	108@0	23.21	21.91	0.1552
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	26.16	24.86	0.3062
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	128@0	25.69	24.39	0.2748
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.15	24.85	0.3055
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	26.18	24.88	0.3076
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	25.19	23.89	0.2449
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	23.19	21.89	0.1545
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	128@0	25.23	23.93	0.2472
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	128@0	24.38	23.08	0.2032
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	128@0	23.75	22.45	0.1758
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	128@0	23.27	21.97	0.1574
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.06	24.76	0.2992
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	25.62	24.32	0.2704
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.07	24.77	0.2999
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.97	24.67	0.2931
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.08	23.78	0.2388
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.96	21.66	0.1466
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	25.22	23.92	0.2466
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	128@0	24.74	23.44	0.2208
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	128@0	23.85	22.55	0.1799
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	128@0	23.28	21.98	0.1578
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	25.88	24.58	0.2871
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	128@0	25.68	24.38	0.2742
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.91	24.61	0.2891
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.86	24.56	0.2858
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	24.95	23.65	0.2317
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	22.94	21.64	0.1459
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	128@0	25.21	23.91	0.2460
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	128@0	24.66	23.36	0.2168
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	128@0	23.52	22.22	0.1667
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	128@0	23.09	21.79	0.1510
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	26.12	24.82	0.3034
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	162@0	25.98	24.68	0.2938



41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.89	24.59	0.2877
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	26.14	24.84	0.3048
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@1	25.15	23.85	0.2427
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@1	23.08	21.78	0.1507
41	30	60	505200	2526	DFT-s-OFDM QPSK	162@0	25.64	24.34	0.2716
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	162@0	24.83	23.53	0.2254
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	162@0	23.96	22.66	0.1845
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	162@0	23.07	21.77	0.1503
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.92	24.62	0.2897
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	26.02	24.72	0.2965
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.09	24.79	0.3013
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.88	24.58	0.2871
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.02	23.72	0.2355
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.90	21.60	0.1445
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	25.70	24.40	0.2754
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	162@0	24.85	23.55	0.2265
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	162@0	24.01	22.71	0.1866
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	162@0	22.93	21.63	0.1455
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.44	0.2780
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	162@0	25.91	24.61	0.2891
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.74	24.44	0.2780
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25.87	24.57	0.2864
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	25.04	23.74	0.2366
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	23.03	21.73	0.1489
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	162@0	25.71	24.41	0.2761
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	162@0	24.62	23.32	0.2148
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	162@0	24.01	22.71	0.1866
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	162@0	22.95	21.65	0.1462
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	25.92	24.62	0.2897
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	180@0	25.93	24.63	0.2904
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.84	24.54	0.2844
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	70	505200	2531.01	DFT-s-OFDM 64 QAM	1@1	25.25	23.95	0.2483
41	30	70	505200	2531.01	DFT-s-OFDM 256 QAM	1@1	23.03	21.73	0.1489
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	180@0	25.68	24.38	0.2742
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	180@0	24.95	23.65	0.2317
41	30	70	505200	2531.01	DFT-s-OFDM 64 QAM	180@0	24.15	22.85	0.1928
41	30	70	505200	2531.01	DFT-s-OFDM 256 QAM	180@0	23.07	21.77	0.1503
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.93	24.63	0.2904
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	26.00	24.70	0.2951



41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.81	24.51	0.2825
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.12	24.82	0.3034
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	25.26	23.96	0.2489
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.83	21.53	0.1422
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	25.70	24.40	0.2754
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	180@0	24.85	23.55	0.2265
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	180@0	24.13	22.83	0.1919
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	180@0	23.17	21.87	0.1538
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	25.80	24.50	0.2818
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	180@0	25.92	24.62	0.2897
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.77	24.47	0.2799
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	25.91	24.61	0.2891
41	30	70	531996	2655	DFT-s-OFDM 64 QAM	1@1	25.14	23.84	0.2421
41	30	70	531996	2655	DFT-s-OFDM 256 QAM	1@1	22.85	21.55	0.1429
41	30	70	531996	2655	DFT-s-OFDM QPSK	180@0	25.64	24.34	0.2716
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	180@0	24.71	23.41	0.2193
41	30	70	531996	2655	DFT-s-OFDM 64 QAM	180@0	24.09	22.79	0.1901
41	30	70	531996	2655	DFT-s-OFDM 256 QAM	180@0	23.13	21.83	0.1524
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.54	0.2844
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	180@0	25.86	24.56	0.2858
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.86	24.56	0.2858
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	26.11	24.81	0.3027
41	30	70	505200	2531.01	DFT-s-OFDM 64 QAM	1@1	25.28	23.98	0.2500
41	30	70	505200	2531.01	DFT-s-OFDM 256 QAM	1@1	23.11	21.81	0.1517
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	180@0	25.77	24.47	0.2799
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	180@0	24.96	23.66	0.2323
41	30	70	505200	2531.01	DFT-s-OFDM 64 QAM	180@0	24.08	22.78	0.1897
41	30	70	505200	2531.01	DFT-s-OFDM 256 QAM	180@0	23.20	21.90	0.1549
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.90	24.60	0.2884
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	26.01	24.71	0.2958
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.94	24.64	0.2911
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.03	24.73	0.2972
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.94	23.64	0.2312
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.96	21.66	0.1466
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	25.62	24.32	0.2704
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	180@0	24.82	23.52	0.2249
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	180@0	24.05	22.75	0.1884
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	180@0	23.18	21.88	0.1542
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	25.78	24.48	0.2805
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	180@0	26.07	24.77	0.2999



41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.80	24.50	0.2818
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	26.00	24.70	0.2951
41	30	70	531996	2655	DFT-s-OFDM 64 QAM	1@1	25.08	23.78	0.2388
41	30	70	531996	2655	DFT-s-OFDM 256 QAM	1@1	22.98	21.68	0.1472
41	30	70	531996	2655	DFT-s-OFDM QPSK	180@0	25.75	24.45	0.2786
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	180@0	24.58	23.28	0.2128
41	30	70	531996	2655	DFT-s-OFDM 64 QAM	180@0	24.20	22.90	0.1950
41	30	70	531996	2655	DFT-s-OFDM 256 QAM	180@0	23.25	21.95	0.1567
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	26.01	24.71	0.2958
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	216@0	25.92	24.62	0.2897
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.95	24.65	0.2917
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	26.04	24.74	0.2979
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	25.11	23.81	0.2404
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	23.04	21.74	0.1493
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	216@0	25.69	24.39	0.2748
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	216@0	24.76	23.46	0.2218
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	216@0	24.22	22.92	0.1959
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	216@0	23.20	21.90	0.1549
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.91	24.61	0.2891
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	25.99	24.69	0.2944
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.97	24.67	0.2931
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.99	24.69	0.2944
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.96	23.66	0.2323
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	23.11	21.81	0.1517
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	25.79	24.49	0.2812
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	216@0	24.98	23.68	0.2333
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	216@0	24.15	22.85	0.1928
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	216@0	23.05	21.75	0.1496
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	25.98	24.68	0.2938
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	216@0	25.96	24.66	0.2924
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.87	24.57	0.2864
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.87	24.57	0.2864
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	25.14	23.84	0.2421
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	22.93	21.63	0.1455
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	216@0	25.81	24.51	0.2825
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	216@0	24.67	23.37	0.2173
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	216@0	24.26	22.96	0.1977
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	216@0	23.19	21.89	0.1545
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	26.00	24.70	0.2951
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	243@0	26.11	24.81	0.3027



41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.99	24.69	0.2944
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	26.15	24.85	0.3055
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	25.01	23.71	0.2350
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	23.07	21.77	0.1503
41	30	90	508200	2541	DFT-s-OFDM QPSK	243@0	25.63	24.33	0.2710
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	243@0	24.85	23.55	0.2265
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	243@0	24.13	22.83	0.1919
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	243@0	23.23	21.93	0.1560
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.96	24.66	0.2924
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	243@0	25.97	24.67	0.2931
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.90	24.60	0.2884
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.02	24.72	0.2965
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.81	23.51	0.2244
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.88	21.58	0.1439
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	243@0	25.77	24.47	0.2799
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	243@0	24.85	23.55	0.2265
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	243@0	24.11	22.81	0.1910
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	243@0	23.23	21.93	0.1560
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	25.93	24.63	0.2904
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	243@0	26.04	24.74	0.2979
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.92	24.62	0.2897
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.82	24.52	0.2831
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	24.85	23.55	0.2265
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	22.89	21.59	0.1442
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	243@0	25.77	24.47	0.2799
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	243@0	24.63	23.33	0.2153
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	243@0	24.22	22.92	0.1959
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	243@0	23.14	21.84	0.1528
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.88	24.58	0.2871
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@0	22.59	21.29	0.1346
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.01	24.71	0.2958
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	2@0	22.86	21.56	0.1432
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.98	24.68	0.2938
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	2@271	22.96	21.66	0.1466
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	270@0	24.63	23.33	0.2153
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.94	24.64	0.2911
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	22.70	21.40	0.1380
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.01	24.71	0.2958
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	2@0	22.81	21.51	0.1416
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.03	24.73	0.2972



41	30	100	509202	2546.01	DFT-s-OFDM QPSK	2@271	22.94	21.64	0.1459
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	270@0	24.36	23.06	0.2023
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	26.12	24.82	0.3034
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	25.37	24.07	0.2553
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	23.19	21.89	0.1545
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	270@0	24.76	23.46	0.2218
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	270@0	24.63	23.33	0.2153
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	270@0	23.15	21.85	0.1531
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	26.05	24.75	0.2985
41	30	100	509202	2546.01	CP-OFDM 16 QAM	1@1	25.85	24.55	0.2851
41	30	100	509202	2546.01	CP-OFDM 64 QAM	1@1	24.24	22.94	0.1968
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.82	24.52	0.2831
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	22.57	21.27	0.1340
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.02	24.72	0.2965
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	2@0	22.68	21.38	0.1374
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.95	24.65	0.2917
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	2@271	22.95	21.65	0.1462
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	25.63	24.33	0.2710
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.80	24.50	0.2818
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	22.53	21.23	0.1327
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.02	24.72	0.2965
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	2@0	22.71	21.41	0.1384
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.98	24.68	0.2938
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	2@271	22.87	21.57	0.1435
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	25.46	24.16	0.2606
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.99	24.69	0.2944
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.87	23.57	0.2275
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.83	21.53	0.1422
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	270@0	24.69	23.39	0.2183
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	270@0	24.52	23.22	0.2099
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	270@0	23.16	21.86	0.1535
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	25.96	24.66	0.2924
41	30	100	518598	2592.99	CP-OFDM 16 QAM	1@1	25.80	24.50	0.2818
41	30	100	518598	2592.99	CP-OFDM 64 QAM	1@1	24.23	22.93	0.1963
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.92	24.62	0.2897
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@0	22.47	21.17	0.1309
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.20	24.90	0.3090
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	2@0	22.59	21.29	0.1346
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.84	24.54	0.2844
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	2@271	23.12	21.82	0.1521



41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	270@0	25.96	24.66	0.2924
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.83	24.53	0.2838
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@0	22.45	21.15	0.1303
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.22	24.92	0.3105
41	30	100	528000	2640	DFT-s-OFDM QPSK	2@0	22.62	21.32	0.1355
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	26.00	24.70	0.2951
41	30	100	528000	2640	DFT-s-OFDM QPSK	2@271	23.05	21.75	0.1496
41	30	100	528000	2640	DFT-s-OFDM QPSK	270@0	25.63	24.33	0.2710
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.85	24.55	0.2851
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	25.18	23.88	0.2443
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	22.87	21.57	0.1435
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	270@0	24.63	23.33	0.2153
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	270@0	24.56	23.26	0.2118
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	270@0	23.20	21.90	0.1549
41	30	100	528000	2640	CP-OFDM QPSK	1@1	26.04	24.74	0.2979
41	30	100	528000	2640	CP-OFDM 16 QAM	1@1	25.77	24.47	0.2799
41	30	100	528000	2640	CP-OFDM 64 QAM	1@1	24.22	22.92	0.1959

**FR1 N41 Main PA (ANT8)****Frequency Stability****Test Result**

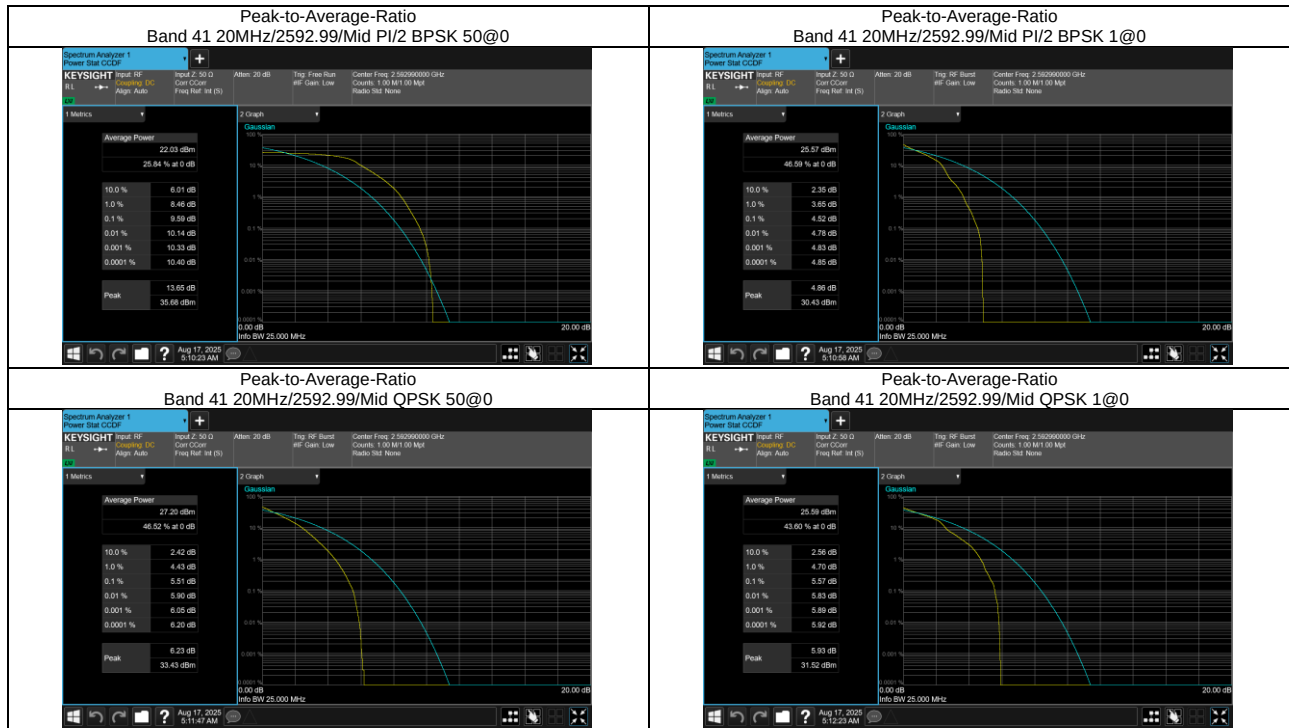
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0010	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0025	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0029	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0000	PASS	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0014	PASS	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0027	PASS	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	PASS	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0031	PASS	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0029	PASS	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0020	PASS	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0035	PASS	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0024	PASS	50℃

Peak to Average Ratio**Test Result**

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	9.59	13
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	4.52	13
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.51	13
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	5.57	13



Test Graphs





Occupied Bandwidth

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.58	9.726
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.57	9.633
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.6	9.511
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.57	9.462
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.57	14.67
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.52	14.51
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.56	14.63
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.56	14.4
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.15	18.85
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.13	19.52
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.18	19.45
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.18	19.28
41	30	25	518598	2592.99	CP-OFDM QPSK	65@0	23.24	24.65
41	30	25	518598	2592.99	CP-OFDM 16 QAM	65@0	23.22	25.04
41	30	25	518598	2592.99	CP-OFDM 64 QAM	65@0	23.16	24.74
41	30	25	518598	2592.99	CP-OFDM 256 QAM	65@0	23.11	24.47
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.8	29.29
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.86	28.98
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.83	29.35
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.83	29.55
41	30	35	518598	2592.99	CP-OFDM QPSK	92@0	32.72	34.23
41	30	35	518598	2592.99	CP-OFDM 16 QAM	92@0	32.85	34.25
41	30	35	518598	2592.99	CP-OFDM 64 QAM	92@0	32.81	34.01
41	30	35	518598	2592.99	CP-OFDM 256 QAM	92@0	32.83	34.04
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.84	39.64
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.9	39.45
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.95	39.79
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.91	39.5
41	30	45	518598	2592.99	CP-OFDM QPSK	119@0	42.52	44.05
41	30	45	518598	2592.99	CP-OFDM 16 QAM	119@0	42.44	44.0
41	30	45	518598	2592.99	CP-OFDM 64 QAM	119@0	42.47	43.93
41	30	45	518598	2592.99	CP-OFDM 256 QAM	119@0	42.46	44.2
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.4	49.74
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.54	49.08
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.45	49.54
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.29	49.02



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.81	59.71
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.77	59.56
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.69	59.52
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.8	59.55
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.36	69.89
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.26	70.03
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.35	69.45
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.32	69.63
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.39	69.76
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.37	69.54
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.44	69.58
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.32	69.57
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.45	79.75
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.24	80.23
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.33	79.97
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.37	79.77
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.29	90.43
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.31	90.17
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.29	90.04
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.33	90.45
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.37	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.33	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.38	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.38	100.3



Test Graphs

