

Appendix for Band 14

Product Name: NetStick-Q

Model No: GLU-4000Q

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	22.96	PASS
Band14	5MHz	16QAM	23305	1RB#0	21.90	PASS
Band14	5MHz	QPSK	23305	1RB#12	22.96	PASS
Band14	5MHz	16QAM	23305	1RB#12	21.83	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.02	PASS
Band14	5MHz	16QAM	23305	1RB#24	21.88	PASS
Band14	5MHz	QPSK	23305	12RB#0	21.91	PASS
Band14	5MHz	16QAM	23305	12RB#0	21.01	PASS
Band14	5MHz	QPSK	23305	12RB#6	21.88	PASS
Band14	5MHz	16QAM	23305	12RB#6	21.05	PASS
Band14	5MHz	QPSK	23305	12RB#13	22.01	PASS
Band14	5MHz	16QAM	23305	12RB#13	21.02	PASS
Band14	5MHz	QPSK	23305	25RB#0	21.91	PASS
Band14	5MHz	16QAM	23305	25RB#0	20.99	PASS
Band14	5MHz	QPSK	23330	1RB#0	22.86	PASS
Band14	5MHz	16QAM	23330	1RB#0	21.75	PASS
Band14	5MHz	QPSK	23330	1RB#12	22.85	PASS
Band14	5MHz	16QAM	23330	1RB#12	21.96	PASS
Band14	5MHz	QPSK	23330	1RB#24	22.99	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.02	PASS
Band14	5MHz	QPSK	23330	12RB#0	21.92	PASS
Band14	5MHz	16QAM	23330	12RB#0	20.98	PASS
Band14	5MHz	QPSK	23330	12RB#6	21.99	PASS
Band14	5MHz	16QAM	23330	12RB#6	21.05	PASS
Band14	5MHz	QPSK	23330	12RB#13	21.98	PASS
Band14	5MHz	16QAM	23330	12RB#13	20.85	PASS
Band14	5MHz	QPSK	23330	25RB#0	21.91	PASS
Band14	5MHz	16QAM	23330	25RB#0	20.98	PASS
Band14	5MHz	QPSK	23355	1RB#0	22.83	PASS
Band14	5MHz	16QAM	23355	1RB#0	21.93	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.03	PASS
Band14	5MHz	16QAM	23355	1RB#12	21.99	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.22	PASS
Band14	5MHz	16QAM	23355	1RB#24	21.99	PASS
Band14	5MHz	QPSK	23355	12RB#0	21.97	PASS

Band14	5MHz	16QAM	23355	12RB#0	20.92	PASS
Band14	5MHz	QPSK	23355	12RB#6	21.97	PASS
Band14	5MHz	16QAM	23355	12RB#6	21.00	PASS
Band14	5MHz	QPSK	23355	12RB#13	22.21	PASS
Band14	5MHz	16QAM	23355	12RB#13	21.13	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.01	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.06	PASS
Band14	10MHz	QPSK	23330	1RB#0	22.73	PASS
Band14	10MHz	16QAM	23330	1RB#0	21.88	PASS
Band14	10MHz	QPSK	23330	1RB#24	22.99	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.26	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.27	PASS
Band14	10MHz	16QAM	23330	1RB#49	21.99	PASS
Band14	10MHz	QPSK	23330	25RB#0	22.04	PASS
Band14	10MHz	16QAM	23330	25RB#0	21.07	PASS
Band14	10MHz	QPSK	23330	25RB#12	22.04	PASS
Band14	10MHz	16QAM	23330	25RB#12	20.98	PASS
Band14	10MHz	QPSK	23330	25RB#25	22.07	PASS
Band14	10MHz	16QAM	23330	25RB#25	20.92	PASS
Band14	10MHz	QPSK	23330	50RB#0	21.96	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.12	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	4.55	13	PASS
Band14	5MHz	16QAM	23305	1RB#0	5.45	13	PASS
Band14	5MHz	QPSK	23305	25RB#0	5.28	13	PASS
Band14	5MHz	16QAM	23305	25RB#0	6.09	13	PASS
Band14	5MHz	QPSK	23330	1RB#0	4.58	13	PASS
Band14	5MHz	16QAM	23330	1RB#0	5.48	13	PASS
Band14	5MHz	QPSK	23330	25RB#0	5.42	13	PASS
Band14	5MHz	16QAM	23330	25RB#0	6.20	13	PASS
Band14	5MHz	QPSK	23355	1RB#0	4.84	13	PASS
Band14	5MHz	16QAM	23355	1RB#0	5.68	13	PASS
Band14	5MHz	QPSK	23355	25RB#0	5.51	13	PASS
Band14	5MHz	16QAM	23355	25RB#0	6.32	13	PASS
Band14	10MHz	QPSK	23330	1RB#0	4.58	13	PASS
Band14	10MHz	16QAM	23330	1RB#0	5.42	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	5.36	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	6.17	13	PASS

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 790.5 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
22.35 dBm 26.99 dBm 4.63 dB 2.67 dB 4.41 dB 4.55 dB 4.64 dB
Marker

Date: 22.DEC.2024 15:24:44

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 790.5 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
21.52 dBm 27.07 dBm 5.55 dB 2.90 dB 5.04 dB 5.45 dB 5.54 dB
Marker

Date: 22.DEC.2024 15:24:52

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 790.5 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
21.57 dBm 27.59 dBm 6.01 dB 2.41 dB 4.49 dB 5.28 dB 5.65 dB
Marker

Date: 22.DEC.2024 15:25:00

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 790.5 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
20.50 dBm 27.47 dBm 6.97 dB 2.84 dB 5.07 dB 6.09 dB 6.52 dB
Marker

Date: 22.DEC.2024 15:25:08

Spectrum

Ref Level 30.00 dBm Offset 3.73 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 793.0 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
22.54 dBm 27.18 dBm 4.64 dB 2.72 dB 4.43 dB 4.58 dB 4.64 dB
Marker

Date: 22.DEC.2024 15:25:18

Spectrum

Ref Level 30.00 dBm Offset 3.73 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 793.0 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
21.39 dBm 26.97 dBm 5.58 dB 2.81 dB 5.01 dB 5.48 dB 5.54 dB
Marker

Date: 22.DEC.2024 15:25:26

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 793.0 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
22.54 dBm 27.18 dBm 4.64 dB 2.72 dB 4.43 dB 4.58 dB 4.64 dB
Marker

Date: 22.DEC.2024 15:25:18

Spectrum

Ref Level 30.00 dBm Offset 3.72 dB
Att 45 dB AQT 156.3 ms RBW 28 MHz
SGL

1Sa Chw

CF 793.0 MHz Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function Samples: 10000000
Trace 1 Mean Peak Crest 10% 1% 0.1% 0.01%
21.39 dBm 26.97 dBm 5.58 dB 2.81 dB 5.01 dB 5.48 dB 5.54 dB
Marker

Date: 22.DEC.2024 15:25:26

