

Appendix for Band 41

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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
Band41	5MHz	QPSK	39675	1RB#0	24.97	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.91	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.01	PASS
Band41	5MHz	QPSK	39675	12RB#0	24.16	PASS
Band41	5MHz	QPSK	39675	12RB#6	24.10	PASS
Band41	5MHz	QPSK	39675	12RB#13	24.27	PASS
Band41	5MHz	QPSK	39675	25RB#0	24.22	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.23	PASS
Band41	5MHz	16QAM	39675	1RB#12	24.35	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.38	PASS
Band41	5MHz	16QAM	39675	12RB#0	23.38	PASS
Band41	5MHz	16QAM	39675	12RB#6	23.32	PASS
Band41	5MHz	16QAM	39675	12RB#13	23.34	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.40	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.76	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.70	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.85	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.01	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.99	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.92	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.02	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.10	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.18	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.12	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.94	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.92	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.94	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.98	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.56	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.59	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.60	PASS
Band41	5MHz	QPSK	41565	12RB#0	24.75	PASS
Band41	5MHz	QPSK	41565	12RB#6	24.72	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.69	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.69	PASS
Band41	5MHz	16QAM	41565	1RB#0	25.04	PASS

Band41	5MHz	16QAM	41565	1RB#12	25.59	PASS
Band41	5MHz	16QAM	41565	1RB#24	25.47	PASS
Band41	5MHz	16QAM	41565	12RB#0	23.68	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.72	PASS
Band41	5MHz	16QAM	41565	12RB#13	23.78	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.78	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.68	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.66	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.61	PASS
Band41	10MHz	QPSK	39700	25RB#0	24.71	PASS
Band41	10MHz	QPSK	39700	25RB#12	24.72	PASS
Band41	10MHz	QPSK	39700	25RB#25	24.69	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.74	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.63	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.65	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.71	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.81	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.79	PASS
Band41	10MHz	16QAM	39700	25RB#25	23.73	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.86	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.18	PASS
Band41	10MHz	QPSK	40620	1RB#24	25.50	PASS
Band41	10MHz	QPSK	40620	1RB#49	25.38	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.54	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.39	PASS
Band41	10MHz	QPSK	40620	25RB#25	24.60	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.39	PASS
Band41	10MHz	16QAM	40620	1RB#0	24.49	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.69	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.27	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.49	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.50	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.73	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.51	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.07	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.83	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.37	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.47	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.22	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.07	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.91	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.50	PASS

Band41	10MHz	16QAM	41540	1RB#24	24.84	PASS
Band41	10MHz	16QAM	41540	1RB#49	25.31	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.92	PASS
Band41	10MHz	16QAM	41540	25RB#12	24.18	PASS
Band41	10MHz	16QAM	41540	25RB#25	24.50	PASS
Band41	10MHz	16QAM	41540	50RB#0	24.08	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.67	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.49	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.59	PASS
Band41	15MHz	QPSK	39725	38RB#0	24.38	PASS
Band41	15MHz	QPSK	39725	38RB#18	24.38	PASS
Band41	15MHz	QPSK	39725	38RB#37	24.39	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.46	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.63	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.49	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.57	PASS
Band41	15MHz	16QAM	39725	38RB#0	24.38	PASS
Band41	15MHz	16QAM	39725	38RB#18	24.38	PASS
Band41	15MHz	16QAM	39725	38RB#37	24.39	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.67	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.53	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.22	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.37	PASS
Band41	15MHz	QPSK	40620	38RB#0	24.51	PASS
Band41	15MHz	QPSK	40620	38RB#18	24.45	PASS
Band41	15MHz	QPSK	40620	38RB#37	24.51	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.51	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.58	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.30	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.44	PASS
Band41	15MHz	16QAM	40620	38RB#0	24.45	PASS
Band41	15MHz	16QAM	40620	38RB#18	24.51	PASS
Band41	15MHz	16QAM	40620	38RB#37	24.51	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.48	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.49	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.43	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.45	PASS
Band41	15MHz	QPSK	41515	38RB#0	25.15	PASS
Band41	15MHz	QPSK	41515	38RB#18	24.65	PASS
Band41	15MHz	QPSK	41515	38RB#37	24.63	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.61	PASS
Band41	15MHz	16QAM	41515	1RB#0	25.43	PASS

Band41	15MHz	16QAM	41515	1RB#38	25.41	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.30	PASS
Band41	15MHz	16QAM	41515	38RB#0	24.91	PASS
Band41	15MHz	16QAM	41515	38RB#18	24.38	PASS
Band41	15MHz	16QAM	41515	38RB#37	24.36	PASS
Band41	15MHz	16QAM	41515	75RB#0	24.31	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.45	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.41	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.27	PASS
Band41	20MHz	QPSK	39750	50RB#0	24.70	PASS
Band41	20MHz	QPSK	39750	50RB#25	24.66	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.49	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.58	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.97	PASS
Band41	20MHz	16QAM	39750	1RB#49	25.13	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.86	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.85	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.86	PASS
Band41	20MHz	16QAM	39750	50RB#50	23.68	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.71	PASS
Band41	20MHz	QPSK	40620	1RB#0	25.34	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.70	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.25	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.54	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.55	PASS
Band41	20MHz	QPSK	40620	50RB#50	24.50	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.58	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.47	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.54	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.97	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.63	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.64	PASS
Band41	20MHz	16QAM	40620	50RB#50	23.59	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.60	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.28	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.02	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.21	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.78	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.53	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.83	PASS
Band41	20MHz	QPSK	41490	100RB#0	25.33	PASS
Band41	20MHz	16QAM	41490	1RB#0	25.27	PASS

Band41	20MHz	16QAM	41490	1RB#49	24.87	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.86	PASS
Band41	20MHz	16QAM	41490	50RB#0	24.42	PASS
Band41	20MHz	16QAM	41490	50RB#25	23.94	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.99	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.60	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	6.00	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	6.84	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	6.87	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	7.62	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	7.30	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	7.71	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.00	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	8.49	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	6.87	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	7.42	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	7.57	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	8.35	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.88	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	6.75	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	6.96	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	7.57	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	7.19	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	7.65	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	8.26	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.49	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	6.78	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.57	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	7.86	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.49	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	5.88	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	6.99	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.93	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	7.80	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	7.16	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	7.77	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.14	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	8.49	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	6.81	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	7.71	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.06	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	8.49	13	PASS

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Band41	20MHz	QPSK	39750	1RB#0	5.94	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	7.04	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	6.46	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	7.80	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.16	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	7.57	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	7.77	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	8.43	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.04	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.57	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	7.48	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.38	13	PASS

Test Graphs



