

Appendix for Band 71

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
Band71	5MHz	QPSK	133147	1RB#0	22.65	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.67	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.00	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.91	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.98	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.82	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.81	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.81	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.75	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.84	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.77	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.66	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.62	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.75	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.78	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.29	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.72	PASS
Band71	5MHz	16QAM	133297	1RB#12	21.72	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.59	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.56	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.59	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.66	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.61	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.66	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.69	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.68	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.66	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.64	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.61	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.68	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.84	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.64	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.73	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.68	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.72	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.65	PASS

Band71	5MHz	QPSK	133447	12RB#6	21.70	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.73	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.83	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.79	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.69	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.95	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.51	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.49	PASS
Band71	10MHz	QPSK	133172	1RB#24	22.84	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.92	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.56	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.63	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.76	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.79	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.73	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.85	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.74	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.80	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.83	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.64	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.98	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.98	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.86	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.71	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.99	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.75	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.89	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.92	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.06	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.88	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.00	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.80	PASS
Band71	10MHz	16QAM	133297	50RB#0	20.83	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.61	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.75	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.84	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.89	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.95	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.90	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.82	PASS
Band71	10MHz	16QAM	133422	25RB#0	20.76	PASS

Band71	10MHz	QPSK	133422	25RB#12	21.82	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.75	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.07	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.94	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.91	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.40	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.73	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.60	PASS
Band71	15MHz	16QAM	133197	1RB#38	21.70	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.47	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.67	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.32	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.30	PASS
Band71	15MHz	QPSK	133197	38RB#18	21.71	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.78	PASS
Band71	15MHz	QPSK	133197	38RB#37	21.34	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.33	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.66	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.81	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.69	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.62	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.89	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.88	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.66	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.91	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.21	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.31	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.46	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.29	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.15	PASS
Band71	15MHz	16QAM	133297	38RB#37	22.23	PASS
Band71	15MHz	QPSK	133297	75RB#0	21.87	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.94	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.59	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.72	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.67	PASS
Band71	15MHz	16QAM	133397	1RB#38	21.72	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.61	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.77	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.75	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.84	PASS

Band71	15MHz	QPSK	133397	38RB#18	21.90	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.87	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.74	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.74	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.92	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.95	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.39	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.06	PASS
Band71	20MHz	QPSK	133222	1RB#49	22.91	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.25	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.46	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.10	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.64	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.77	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.66	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.71	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.70	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.74	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.70	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.82	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.29	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.31	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.00	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.69	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.41	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.36	PASS
Band71	20MHz	QPSK	133322	50RB#0	21.74	PASS
Band71	20MHz	16QAM	133322	50RB#0	20.85	PASS
Band71	20MHz	QPSK	133322	50RB#25	21.73	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.83	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.70	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.79	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.61	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.78	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.54	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.43	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.09	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.86	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.69	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.90	PASS
Band71	20MHz	QPSK	133372	50RB#0	21.72	PASS
Band71	20MHz	16QAM	133372	50RB#0	20.77	PASS

Band71	20MHz	QPSK	133372	50RB#25	21.74	PASS
Band71	20MHz	16QAM	133372	50RB#25	20.77	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.82	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.86	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.83	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.77	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	4.78	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.68	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.16	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.00	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.64	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.57	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.22	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.00	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.64	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.48	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.22	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.00	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.70	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.59	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.13	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	5.97	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.70	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.59	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.13	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	5.97	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.58	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.59	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.19	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.03	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.70	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.57	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.39	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.09	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.72	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.68	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.19	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	5.97	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	4.52	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.59	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.33	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.09	13	PASS

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Band71	20MHz	QPSK	133222	1RB#0	4.67	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.54	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.13	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.03	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.72	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.77	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	4.93	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.88	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.58	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.65	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.04	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.91	13	PASS

Test Graphs



