

Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-40.98	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.05	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.71	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-45.32	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.07	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	Range2:1000~10000MHz	-40.84	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	Range2:1000~10000MHz	-40.36	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	Range2:1000~10000MHz	-40.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-46.26	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-40.4	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-45.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.2	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-44.46	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-41.39	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-41.04	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-41.54	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range2:1000~10000MHz	-40.77	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range1:30~1000MHz	-44.58	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range2:1000~10000MHz	-41.11	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range1:30~1000MHz	-44.93	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range2:1000~10000MHz	-41.13	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-46.42	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-28.94	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-47.08	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.96	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-46.06	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-29.15	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-46.75	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-29.45	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-45.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-28.08	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-45.16	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-29.44	PASS

Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-46.46	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~26500MHz	-29.64	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-46.48	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~26500MHz	-28.08	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-46.09	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~26500MHz	-29.25	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-45.7	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-29.06	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.27	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-45.65	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-29.59	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-46.37	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-29.74	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-29.43	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-29.07	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-46.09	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~26500MHz	-29.59	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-46.45	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~26500MHz	-29.06	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-46.53	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~26500MHz	-30	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-46.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-41.23	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-40.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-41.29	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-40.54	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.09	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-40.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-46.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-40.37	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-46.43	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-41.48	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-46.18	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-41.03	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-46.78	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-39.55	PASS

Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-40.74	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-46.43	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-41.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-46.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-41.05	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-46.05	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-41.02	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.13	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-41.45	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-45.42	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-40.61	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-45.93	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-41.06	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-46.6	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-41.42	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range1:30~1000MHz	-46.1	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range2:1000~10000MHz	-41.7	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range1:30~1000MHz	-46.87	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:1000~26500MHz	-29.3	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-29.58	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:30~1000MHz	-47.38	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:1000~26500MHz	-27.55	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:30~1000MHz	-46.41	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:1000~26500MHz	-28.9	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-46.77	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-29.77	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:1000~26500MHz	-28.45	PASS
Band38	5MHz	64QAM	37775	1RB#0	Range1:30~1000MHz	-46.48	PASS
Band38	5MHz	64QAM	37775	1RB#0	Range2:1000~26500MHz	-29.3	PASS
Band38	5MHz	64QAM	38000	1RB#0	Range1:30~1000MHz	-46.83	PASS
Band38	5MHz	64QAM	38000	1RB#0	Range2:1000~26500MHz	-29.8	PASS
Band38	5MHz	64QAM	38225	1RB#0	Range1:30~1000MHz	-45.71	PASS
Band38	5MHz	64QAM	38225	1RB#0	Range2:1000~26500MHz	-29.83	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:30~1000MHz	-47.12	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:1000~26500MHz	-28.93	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-27.94	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:30~1000MHz	-45.74	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range2:1000~26500MHz	-27.62	PASS

Band38	20MHz	16QAM	37850	1RB#0	Range1:30~1000MHz	-45.8	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:1000~26500MHz	-28.91	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-46.88	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-28.89	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:30~1000MHz	-46.38	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:1000~26500MHz	-29.55	PASS
Band38	20MHz	64QAM	37850	1RB#0	Range1:30~1000MHz	-46.02	PASS
Band38	20MHz	64QAM	37850	1RB#0	Range2:1000~26500MHz	-28.91	PASS
Band38	20MHz	64QAM	38000	1RB#0	Range1:30~1000MHz	-46.74	PASS
Band38	20MHz	64QAM	38000	1RB#0	Range2:1000~26500MHz	-28.47	PASS
Band38	20MHz	64QAM	38150	1RB#0	Range1:30~1000MHz	-46.5	PASS
Band38	20MHz	64QAM	38150	1RB#0	Range2:1000~26500MHz	-28.55	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-46.47	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-32.07	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-46.62	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-33.52	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-46.21	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-34.22	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-46.92	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-32.58	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-35.17	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-47	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-34.26	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	Range1:30~1000MHz	-46.87	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	Range2:1000~20000MHz	-32.7	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	Range2:1000~20000MHz	-34.22	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	Range1:30~1000MHz	-47.08	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	Range2:1000~20000MHz	-34.49	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-47.14	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-34.16	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-46.65	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-33.31	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-46.89	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-33.97	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-47.06	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-32.22	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-47.48	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-33.23	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-46.02	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-34.47	PASS

Band66	20MHz	64QAM	132072	1RB#0	Range1:30~1000MHz	-46.85	PASS
Band66	20MHz	64QAM	132072	1RB#0	Range2:1000~20000MHz	-33.6	PASS
Band66	20MHz	64QAM	132322	1RB#0	Range1:30~1000MHz	-46.62	PASS
Band66	20MHz	64QAM	132322	1RB#0	Range2:1000~20000MHz	-33.76	PASS
Band66	20MHz	64QAM	132572	1RB#0	Range1:30~1000MHz	-46.64	PASS
Band66	20MHz	64QAM	132572	1RB#0	Range2:1000~20000MHz	-33.9	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs



































