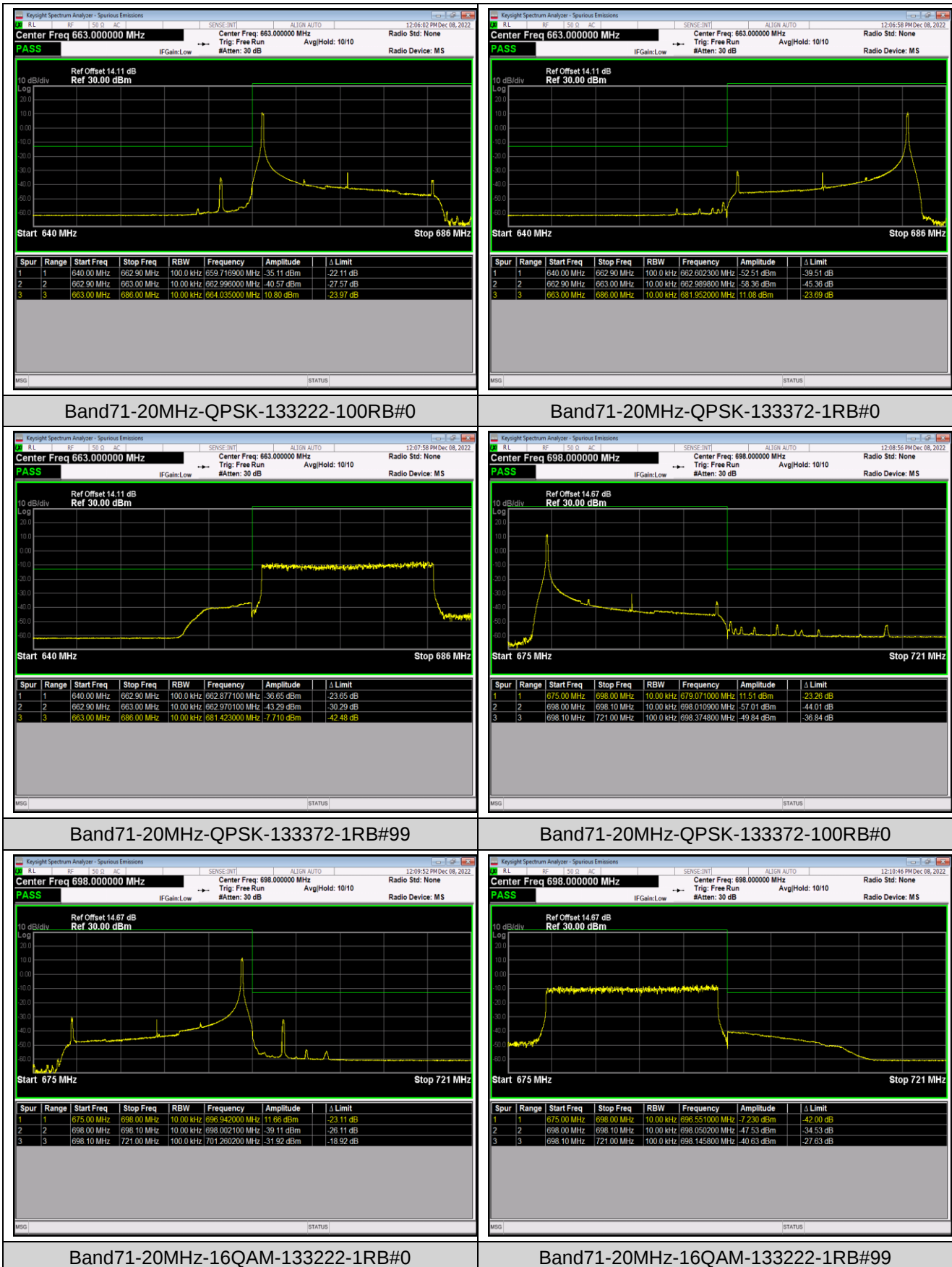






Appendix E: Conducted Spurious Emission

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-30.57	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-28.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-31.36	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-26.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-32.3	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-28.11	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-30.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-29.13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.98	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-29.04	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-31.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-29.39	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-28.7	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.55	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.57	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-30.88	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-28.37	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-30.79	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-28.49	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.37	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-27.54	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-30.03	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-28.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-40.05	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-35.2	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-40	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-32.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-39.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-30.7	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-40.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-35.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-30.63	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-39.68	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-34.28	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-39.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-33.29	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-33.15	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-31.82	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-34.5	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-32.11	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.58	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-38.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-31.91	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-33.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-32.7	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-38.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-29.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-40.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.75	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.01	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-40.17	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-32.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-40.4	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.56	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.5	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-41.08	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-31.35	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-31.87	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-29.76	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-39.84	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-35.11	PASS

Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-40.37	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.11	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.95	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-33.22	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-39.98	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-39.74	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-30.6	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-41.09	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-31.58	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-40.38	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-32.58	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-40.46	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-33.47	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.72	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-31.24	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range1:30~1000MHz	-40.59	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:1000~26500MHz	-33.48	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-42.56	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-32.37	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-41.76	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~26500MHz	-33.7	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:30~1000MHz	-40.74	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:1000~26500MHz	-33.54	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-41.3	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-34.31	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-40.56	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~26500MHz	-33.73	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:30~1000MHz	-39.78	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:1000~26500MHz	-33.63	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-39.78	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.36	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-41.17	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~26500MHz	-32.93	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:30~1000MHz	-40.78	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:1000~26500MHz	-33.91	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-40.13	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-34.16	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-40.13	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~26500MHz	-33.93	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-31.65	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-28.23	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-30.75	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.7	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-31.2	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-28.93	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-31.87	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-29.4	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-31.95	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-29.37	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-31.36	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-28.8	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-31.04	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-28.18	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-31.68	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.4	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-31.46	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-28.02	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-31.69	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-29.03	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-31.89	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-29.1	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-30.87	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-29.06	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-40.84	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-34.41	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-34.97	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-40.19	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-35.06	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-41	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-34.34	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-40.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-34.82	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-39.74	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-34.33	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-39.58	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-35.52	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-38.76	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-34.48	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.44	PASS

Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-39.62	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-34.88	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-39.38	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-34.95	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-39.45	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-35.37	PASS

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

Test Graphs

