



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	-31.2	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-28.64	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.08	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.74	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-30.86	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-29.1	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-30.43	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-28.02	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.64	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-27.79	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-30.57	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-28.32	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-30.77	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-28.76	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.38	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.1	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-30.71	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-28.39	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-28.47	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-28.31	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-29.99	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-28.55	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-29.88	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-28.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-39.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-32.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-39.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-32.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-28.71	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-34.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.62	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-31.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-39.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-30.02	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-39.37	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-34.54	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-40.08	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-32.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-30.92	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-33.5	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.49	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-32.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-31.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.79	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.93	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.9	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.38	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.61	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-38.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-38.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.45	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.89	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-39.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.79	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.58	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-40.26	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-35.34	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-39.53	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-35.09	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-39.07	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-35.19	PASS

Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-39.35	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.44	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-38.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.41	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-38.79	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-33.07	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-39.71	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-34.61	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-39.67	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-35.07	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-39.85	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-34.96	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-33.98	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-35.1	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-40.03	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-34.79	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range1:30~1000MHz	-41.28	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:1000~26500MHz	-33.39	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-40.36	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.33	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-40.41	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~26500MHz	-34.27	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:1000~26500MHz	-33.6	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-34	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-39.78	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~26500MHz	-33.6	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:30~1000MHz	-40.99	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:1000~26500MHz	-33.15	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-41.5	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.1	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-41.08	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~26500MHz	-33.56	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:30~1000MHz	-40.72	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:1000~26500MHz	-34.22	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-40.59	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-33.91	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-41.32	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~26500MHz	-33.29	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-30.47	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-28.45	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-30.19	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.09	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-30.85	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-28.69	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-30.73	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-28.4	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-30.34	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-28.51	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-30.49	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-28.23	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-30.88	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-29.13	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-29.28	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-27.87	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-30.04	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-29.07	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-30.58	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-28.63	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-31.52	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-28.29	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-30.56	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-28.22	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-39.65	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-34.14	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-39.03	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-34.25	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-39.48	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-35.2	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-39.69	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-39.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-34.62	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-34.07	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-34.78	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-34.88	PASS

Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-39.58	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-34.26	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-39.62	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-34.95	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-39.56	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-34.49	PASS

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

Test Graphs































