



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	-47.13	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.07	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.23	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.82	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-47.24	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-33.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-47.1	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-34.28	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.26	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.84	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-44.05	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-34.55	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-47.85	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-33.84	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-47.22	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.62	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-46.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-34.32	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-46.82	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-34.31	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-48.06	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-32.3	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-47.38	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-35	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-46.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-34.45	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.95	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.44	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.49	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.88	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.59	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-45.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-33.09	PASS

Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-34.7	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-47.44	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.44	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-46.4	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-33.97	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-47.04	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-34.54	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-47.82	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.67	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-47.11	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-34.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-46.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.91	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.09	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-40.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-46.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-41.2	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.91	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-47.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-41.1	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-46.38	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-40.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.47	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.49	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-46.2	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.59	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-41.19	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.29	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.62	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.97	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-29.6	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-45.79	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-28.11	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-46.03	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-29.31	PASS

Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-29.66	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-46.51	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-29.26	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-46.06	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-29.43	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-29.26	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-46.9	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-29.16	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-29.24	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.37	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-28.6	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.06	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-28.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-44.6	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-40.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.64	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-41.23	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-45.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-39.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-45.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-40.87	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.18	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-39.57	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-39.98	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-43.88	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-39.44	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-44.92	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-39.41	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-39.92	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-45.9	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-40.44	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.98	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-40.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-45.79	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-40.83	PASS

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

Test Graphs





























