

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	-47.01	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.11	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.48	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-34.67	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-46.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-34.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-46.64	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-34.69	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-47.33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.18	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-48.13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-34.7	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-47.25	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-33.66	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.97	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-45.56	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-34.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-46.84	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-33.46	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-47.44	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.83	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-47.7	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-33.92	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-47.77	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-33.42	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-47.22	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-47.1	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-33.58	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.74	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-33.7	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-47.45	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-47.2	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-34.26	PASS

Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.83	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-34.46	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-46.61	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.71	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-34.72	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-46.29	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-34.16	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.76	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-46.87	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-33.35	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-46.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-41.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-40.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.74	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-46.64	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.48	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-40.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-44.83	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-41.09	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-46.04	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.61	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.99	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.92	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-45.9	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.19	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-46.64	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-29.76	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-45.98	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-29.73	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-46.31	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-29.83	PASS

Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-29.25	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-45.01	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-29.17	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-46.21	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-29.42	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-46.99	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-28.98	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-47.67	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-28.85	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-47.26	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-29.53	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-48.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-28.5	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.44	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-28.88	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-47.55	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-29.07	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-46.88	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-34.05	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-33.62	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-46.89	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-34.16	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-47.86	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-34.26	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-47.08	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-33.65	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-45.92	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-34.4	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-46.57	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-33.31	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-34.19	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-48.14	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-34.54	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-47.54	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-34.18	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-45.43	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-32.95	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-47.43	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-33.86	PASS

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

Test Graphs



































