

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	-38.95	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-38.49	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-37.31	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-36.78	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-38.26	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-38.17	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.28	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-38.7	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-39.71	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-37.82	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.97	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-37.12	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.21	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-38.29	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-39.35	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-38.31	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-39.27	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-38.27	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-37.61	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-39.26	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-38.62	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-38.37	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-37.72	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-37.96	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-38.97	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-37.78	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-38.7	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-37.9	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.07	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.5	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-38.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-38.3	PASS

Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.68	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-36.56	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-37.47	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-37.43	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-38.11	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-38.57	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.71	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-37.87	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-38.16	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-38.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-48.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.35	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-48.5	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-40.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-48.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-40.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-49.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.22	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.34	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.89	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.08	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-48.35	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-48.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.72	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-48.98	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.29	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-34.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-47.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.26	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-34.25	PASS

Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-48.03	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.97	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-34.5	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-49.53	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-34.9	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-33.4	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-47.42	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-34.79	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-48.7	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-34.29	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.12	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.45	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-35.55	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range1:30~1000MHz	-48.5	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:1000~27000MHz	-34.32	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-48.85	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-34.48	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:30~1000MHz	-48.37	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:1000~27000MHz	-33.95	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:30~1000MHz	-49.02	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:1000~27000MHz	-33.69	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:1000~27000MHz	-34.8	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:30~1000MHz	-49.19	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:1000~27000MHz	-34.84	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:1000~27000MHz	-34.76	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-49.81	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:1000~27000MHz	-34.7	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range2:1000~27000MHz	-34.54	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:30~1000MHz	-47.39	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:1000~27000MHz	-34.39	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-48.83	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:1000~27000MHz	-35.12	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:30~1000MHz	-49.29	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:1000~27000MHz	-34.67	PASS

Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-48.94	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~27000MHz	-34.49	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-48.55	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-35.01	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-49.13	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~27000MHz	-33.41	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range2:1000~27000MHz	-34.27	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-48.58	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-33.57	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-49	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~27000MHz	-34.74	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-48.94	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~27000MHz	-34.8	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-34.63	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-48.39	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~27000MHz	-34.87	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-48.92	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~27000MHz	-34.75	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-48.62	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-34.64	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-48.66	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~27000MHz	-34.88	PASS

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

Test Graphs











































