















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	-37.17	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.8	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.28	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-37.28	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-37.37	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-35.11	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-37.27	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-36.33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.45	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-36.46	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-37.62	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-37.46	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-36.78	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.7	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-35.69	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-37.51	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.99	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-34.67	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.6	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-35.23	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.36	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-38.31	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-38.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-38.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-46.76	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-38.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-47.64	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-38.7	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-46.73	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-47.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-39.01	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-46.79	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-37.98	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-37.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-46.49	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-37.82	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-47.15	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-38.61	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-47.25	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.24	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-46.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-37.88	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-47.92	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-35.62	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.15	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.36	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-47.31	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-35.38	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-35.59	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.55	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.55	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-47.79	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-35.57	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-48.29	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-35.9	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.93	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-48.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-35.38	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-46.83	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-36.08	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.89	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.35	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-35.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-47.21	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-38.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-46.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-46.69	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-39.18	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-38.13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-46.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-38.46	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-46.84	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-38.95	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.93	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-39.31	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-46.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-39.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-47.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-38.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.44	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-46.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-38.78	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-46.45	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-37.93	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-38.59	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-47.21	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-38.89	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-46.69	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-38.76	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-47.04	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38.1	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-45.81	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-39.04	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-46.61	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-38.95	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.14	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-38.6	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-47.28	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-37.66	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-46.61	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-39.53	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-46.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38.66	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-46.99	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-38.76	PASS

Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-46.47	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~27000MHz	-35	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-47.68	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-35.84	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-47.4	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~27000MHz	-34.78	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range1:30~1000MHz	-48.02	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range2:1000~27000MHz	-34.91	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-47.82	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-35.46	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-47.53	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~27000MHz	-35.83	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-47.86	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~27000MHz	-35.39	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-46.99	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-35.19	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-48.04	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~27000MHz	-35.07	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-47.36	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~27000MHz	-35.15	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-47.51	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-35.02	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-46.99	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~27000MHz	-35.23	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-38.79	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-37.85	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-38.69	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-38.69	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-38.66	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-38.56	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-37.71	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-37.93	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-37.08	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-38.1	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-38.73	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-37.5	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-38.75	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-38.67	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-37.58	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-37.93	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-38.82	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-38.57	PASS

Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-38.46	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-38.32	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-38.72	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-37.94	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-38.38	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-37.43	PASS

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

Test Graphs



