















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	-37.87	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-35.7	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.84	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-36.17	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-38.13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-36.63	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-37.33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.9	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-37.88	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-37.36	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-37.94	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-36.69	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.8	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-36.82	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-37.86	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-36.57	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-37.68	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.68	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-37.47	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.18	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-37.85	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-38.46	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-37.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.23	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-36.92	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-38.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-36.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-38.75	PASS

Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-37.72	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-37.18	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-38.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-36.62	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-37.32	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-37.01	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.19	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-36.9	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-38.95	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-37.35	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-36.65	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.46	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-37.48	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-36.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-46.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-39.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-39.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-47.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-39.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-48.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-39.11	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-48.29	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.61	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-38.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-47.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-39.58	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-38.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-48.2	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-38.96	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-47.66	PASS

Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-38.66	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-47.32	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.9	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-47.91	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-39.06	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-48.71	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-52.55	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-58.33	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-39.51	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-59.6	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-48.35	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-58.64	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-58.89	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-38.03	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.3	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-48.06	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-58.23	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-59.34	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-39.56	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-59.29	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-48.26	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-59.48	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-59.49	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-39.64	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-58.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-59.33	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-58.35	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-39.5	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-59.56	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-47.75	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-59.69	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-59.57	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-39.63	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-58.33	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-48.25	PASS

Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-53.91	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-58.27	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-39.2	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.14	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-46.79	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-59.44	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-59.58	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-38.57	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-59.8	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-38.46	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.34	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-37.87	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-48.61	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-39.56	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-47.46	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-39.74	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-48.56	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38.85	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-47.61	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-39.06	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-46.99	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-39.09	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.91	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-38.98	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-48.24	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-39.53	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-48.01	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-39.33	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-47.79	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-39.2	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-47.87	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-38.54	PASS

Test Graphs

















