



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	-29.82	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-28.47	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-28.98	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.39	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-29.94	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-28.56	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-30.3	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-28.64	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-28.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-30.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-28.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-30.7	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-29	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.33	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.82	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-30.36	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-29.22	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-30.11	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-29.14	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.72	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-28.75	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-30.2	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-28.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-40.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-28.69	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-39.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-23.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-39.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-26.9	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-40.35	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-29.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-31.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-40.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-28.03	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-39.41	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-27.93	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-40.56	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-29.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-39.1	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-26.65	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-40	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-26.95	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-40.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-28.12	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-40.2	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-28.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-38.97	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-35.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.87	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-35.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.57	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-39	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.99	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-39.89	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.3	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.88	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-39.56	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-40.05	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-35.07	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.09	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-40.53	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-35.03	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-35.3	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-39.86	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-34.85	PASS

Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-38.36	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.61	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.04	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.95	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-39.82	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-33.97	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-35	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.27	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-39.12	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-34.84	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-39.96	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.58	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-40.55	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range1:30~1000MHz	-40.81	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:1000~26500MHz	-33.95	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.48	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-40.98	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~26500MHz	-28.11	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:30~1000MHz	-40.67	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:1000~26500MHz	-33.98	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-39.81	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-33.47	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-40.98	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~26500MHz	-26.89	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:30~1000MHz	-41.11	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:1000~26500MHz	-33.46	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-39.81	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-34.47	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-40.76	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~26500MHz	-31.27	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:30~1000MHz	-41.16	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:1000~26500MHz	-34.18	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-33.03	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-41.03	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~26500MHz	-28.1	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-28.97	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-28.78	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-30.7	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-29.2	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-30.49	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-28	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-30.75	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-29.5	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-30.96	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-29.28	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-31.2	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-28.09	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-30.44	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-29.14	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-31.26	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.42	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-31.28	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-28.93	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-31.69	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-27.52	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-32.1	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-27.99	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-31.55	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-29.18	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-34.88	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-40	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.17	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-40.66	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-35.44	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-40.67	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-34.73	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-40.71	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-34.81	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-40.8	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-34.93	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-40.37	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-40.68	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-34.18	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.07	PASS

Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-40.82	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-35.26	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-40.27	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-40.74	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-34.85	PASS

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

Test Graphs

























