







































8.5. Appendix E: Conducted Spurious Emission

8.5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range(MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-62.00	-23	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-43.31	-13	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-28.20	-13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-62.03	-23	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-43.36	-13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-27.82	-13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-61.74	-23	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-43.87	-13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-27.97	-13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-61.60	-23	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-44.02	-13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-27.40	-13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-61.94	-23	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-42.89	-13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-27.83	-13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-62.16	-23	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-43.52	-13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-27.58	-13	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-62.25	-23	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-42.84	-13	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-27.43	-13	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-61.81	-23	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-39.71	-13	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-27.54	-13	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-61.88	-23	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-47.38	-13	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-27.74	-13	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-62.03	-23	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-47.99	-13	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-28.13	-13	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-62.06	-23	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-46.74	-13	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-27.56	-13	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-61.76	-23	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-47.95	-13	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-27.64	-13	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-61.98	-23	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-44.80	-13	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-28.07	-13	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-62.02	-23	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-31.44	-13	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-27.86	-13	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-62.10	-23	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-47.43	-13	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-27.23	-13	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-61.95	-23	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-47.48	-13	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-27.56	-13	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-61.93	-23	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-47.60	-13	PASS

Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-27.68	-13	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-61.98	-23	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-47.87	-13	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-27.74	-13	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-62.06	-23	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-48.21	-13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-27.51	-13	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-61.65	-23	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-45.76	-13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-27.94	-13	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-61.88	-23	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-47.50	-13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-27.84	-13	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-62.08	-23	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-46.75	-13	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-27.84	-13	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-62.13	-23	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-47.97	-13	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-27.67	-13	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-62.12	-23	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-47.62	-13	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-28.10	-13	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-61.87	-23	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-47.89	-13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-27.73	-13	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-61.93	-23	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-47.40	-13	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-27.87	-13	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-62.07	-23	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-48.00	-13	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-27.66	-13	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-61.67	-23	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-47.65	-13	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-27.95	-13	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-62.08	-23	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-47.96	-13	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-27.42	-13	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-62.16	-23	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-47.92	-13	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-27.95	-13	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-62.10	-23	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-47.82	-13	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-27.76	-13	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-62.13	-23	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-48.00	-13	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-28.03	-13	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-62.16	-23	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-47.83	-13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-27.90	-13	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-61.97	-23	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-48.09	-13	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-27.57	-13	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-62.24	-23	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-47.87	-13	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-28.16	-13	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-61.84	-23	PASS