





Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-72.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-74.76	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-65.22	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-42.09	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-34.06	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-71.10	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-74.54	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-65.36	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-42.64	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-33.99	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-71.12	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-75.76	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-65.14	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-43.11	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-33.83	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-72.73	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-74.44	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-65.43	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-43.15	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-33.84	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-72.12	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-74.79	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-65.32	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-43.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-33.86	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-69.85	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-73.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-65.48	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-44.29	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-33.90	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-72.19	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-75.79	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-65.39	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-46.72	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-33.88	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-69.09	PASS

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Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-75.49	PASS
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-65.44	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-47.09	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-33.90	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-71.97	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-72.86	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-65.42	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-48.98	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-33.89	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-69.55	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-74.56	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-65.42	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-49.07	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-33.63	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-71.57	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-75.75	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-65.09	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-46.80	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-33.93	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-68.50	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-75.25	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-65.34	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-47.62	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-33.82	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-69.57	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-75.43	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-65.27	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-51.65	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-33.70	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-68.95	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-75.43	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-65.33	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-51.46	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-33.94	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-68.80	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-74.82	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-65.28	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-51.62	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-33.85	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-71.68	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-75.30	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-65.39	PASS

Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-51.53	PASS
Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-33.83	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-70.66	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-74.85	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-65.43	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-51.60	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-33.74	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-70.37	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-75.76	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-65.46	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-51.67	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-33.84	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-71.95	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-74.78	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-65.21	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-51.58	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-33.82	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-71.60	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-75.10	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-65.49	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-51.56	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-33.91	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-70.51	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-74.36	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-65.37	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-51.41	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-33.61	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-69.81	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-75.07	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-65.44	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-51.52	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-33.72	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-71.12	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-75.27	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-65.21	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-51.52	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-33.92	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-73.98	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-73.53	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-65.45	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-51.66	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-33.65	PASS

Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-72.15	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-74.96	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-65.35	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-51.67	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-33.81	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-72.75	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-74.70	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-65.34	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-51.56	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-33.68	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-70.17	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-74.71	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-65.60	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-51.61	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-33.70	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-72.89	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-73.57	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-65.44	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-51.68	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-33.83	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-70.06	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-74.36	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-64.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-51.61	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-33.89	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-69.51	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-75.04	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-65.27	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-51.64	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-33.61	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-70.81	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-75.53	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-65.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-51.71	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-33.72	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-71.80	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-73.35	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-65.09	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-51.58	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-33.86	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-72.15	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-74.39	PASS

Band2	20MHz	QPSK	18900	1RB#0	30~1000	-65.32	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-51.66	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-33.65	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-70.47	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-75.18	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-65.32	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-51.60	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-33.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-70.52	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-74.66	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-65.38	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-51.70	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-33.70	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-72.10	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-74.64	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-65.20	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-51.63	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-33.70	PASS

Test Graphs







































