

Appendix E: Unwanted spurious emissions at antenna terminals

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-53.40	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-60.82	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-52.62	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-42.45	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-45.00	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-56.60	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-59.23	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-53.09	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-43.51	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-45.54	PASS
Band17	5MHz	QPSK	23755	1RB#24	0.009~0.15	-53.47	PASS
Band17	5MHz	QPSK	23755	1RB#24	0.15~30	-60.05	PASS
Band17	5MHz	QPSK	23755	1RB#24	30~1000	-51.49	PASS
Band17	5MHz	QPSK	23755	1RB#24	1000~3000	-41.16	PASS
Band17	5MHz	QPSK	23755	1RB#24	3000~10000	-45.41	PASS
Band17	5MHz	16QAM	23755	1RB#24	0.009~0.15	-52.72	PASS
Band17	5MHz	16QAM	23755	1RB#24	0.15~30	-62.04	PASS
Band17	5MHz	16QAM	23755	1RB#24	30~1000	-51.00	PASS
Band17	5MHz	16QAM	23755	1RB#24	1000~3000	-41.84	PASS
Band17	5MHz	16QAM	23755	1RB#24	3000~10000	-45.49	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-54.13	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-60.55	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-52.54	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-47.48	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-45.11	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-54.03	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-59.16	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-52.83	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-48.00	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-45.42	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-55.97	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-57.78	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-54.59	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-40.50	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-44.89	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-53.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-59.36	PASS

Band17	5MHz	16QAM	23790	1RB#0	30~1000	-52.06	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-40.11	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-45.43	PASS
Band17	5MHz	QPSK	23790	1RB#24	0.009~0.15	-55.76	PASS
Band17	5MHz	QPSK	23790	1RB#24	0.15~30	-59.25	PASS
Band17	5MHz	QPSK	23790	1RB#24	30~1000	-53.09	PASS
Band17	5MHz	QPSK	23790	1RB#24	1000~3000	-44.45	PASS
Band17	5MHz	QPSK	23790	1RB#24	3000~10000	-45.42	PASS
Band17	5MHz	16QAM	23790	1RB#24	0.009~0.15	-53.14	PASS
Band17	5MHz	16QAM	23790	1RB#24	0.15~30	-59.63	PASS
Band17	5MHz	16QAM	23790	1RB#24	30~1000	-48.42	PASS
Band17	5MHz	16QAM	23790	1RB#24	1000~3000	-44.88	PASS
Band17	5MHz	16QAM	23790	1RB#24	3000~10000	-45.38	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-54.24	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-62.04	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-54.72	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-47.74	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-45.55	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-55.33	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-61.68	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-53.74	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-47.95	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-45.24	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-54.12	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-59.24	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-54.49	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-41.83	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-45.34	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-56.59	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-59.79	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-54.74	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-42.69	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-45.00	PASS
Band17	5MHz	QPSK	23825	1RB#24	0.009~0.15	-56.12	PASS
Band17	5MHz	QPSK	23825	1RB#24	0.15~30	-60.14	PASS
Band17	5MHz	QPSK	23825	1RB#24	30~1000	-53.63	PASS
Band17	5MHz	QPSK	23825	1RB#24	1000~3000	-48.22	PASS
Band17	5MHz	QPSK	23825	1RB#24	3000~10000	-45.52	PASS
Band17	5MHz	16QAM	23825	1RB#24	0.009~0.15	-54.11	PASS
Band17	5MHz	16QAM	23825	1RB#24	0.15~30	-61.32	PASS
Band17	5MHz	16QAM	23825	1RB#24	30~1000	-54.79	PASS
Band17	5MHz	16QAM	23825	1RB#24	1000~3000	-48.29	PASS
Band17	5MHz	16QAM	23825	1RB#24	3000~10000	-45.41	PASS

Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-54.51	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-62.14	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-53.69	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-48.51	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-45.46	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-54.59	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-59.95	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-52.99	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-48.70	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-45.25	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-55.17	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-61.19	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-63.21	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-42.80	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-45.61	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-54.48	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-58.89	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-63.23	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-41.69	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-45.49	PASS
Band17	10MHz	QPSK	23780	1RB#49	0.009~0.15	-56.45	PASS
Band17	10MHz	QPSK	23780	1RB#49	0.15~30	-58.94	PASS
Band17	10MHz	QPSK	23780	1RB#49	30~1000	-62.89	PASS
Band17	10MHz	QPSK	23780	1RB#49	1000~3000	-48.29	PASS
Band17	10MHz	QPSK	23780	1RB#49	3000~10000	-45.40	PASS
Band17	10MHz	16QAM	23780	1RB#49	0.009~0.15	-53.63	PASS
Band17	10MHz	16QAM	23780	1RB#49	0.15~30	-59.96	PASS
Band17	10MHz	16QAM	23780	1RB#49	30~1000	-63.54	PASS
Band17	10MHz	16QAM	23780	1RB#49	1000~3000	-45.63	PASS
Band17	10MHz	16QAM	23780	1RB#49	3000~10000	-45.50	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-54.72	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-59.76	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-63.45	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-48.55	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-45.19	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-54.42	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-60.47	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-63.37	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-48.36	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-45.43	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-55.27	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-59.64	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-63.43	PASS

Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-41.40	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-45.67	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-55.99	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-58.75	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-63.32	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-42.36	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-44.95	PASS
Band17	10MHz	QPSK	23790	1RB#49	0.009~0.15	-54.64	PASS
Band17	10MHz	QPSK	23790	1RB#49	0.15~30	-58.69	PASS
Band17	10MHz	QPSK	23790	1RB#49	30~1000	-63.40	PASS
Band17	10MHz	QPSK	23790	1RB#49	1000~3000	-47.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	3000~10000	-45.39	PASS
Band17	10MHz	16QAM	23790	1RB#49	0.009~0.15	-55.24	PASS
Band17	10MHz	16QAM	23790	1RB#49	0.15~30	-59.54	PASS
Band17	10MHz	16QAM	23790	1RB#49	30~1000	-63.54	PASS
Band17	10MHz	16QAM	23790	1RB#49	1000~3000	-48.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	3000~10000	-45.51	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-55.80	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-61.49	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-63.19	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-47.08	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-45.69	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-56.24	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-61.07	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-63.16	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-48.39	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-45.56	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-53.89	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-59.63	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-63.37	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-40.28	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-45.34	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-54.63	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-59.97	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-63.31	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-40.24	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-45.60	PASS
Band17	10MHz	QPSK	23800	1RB#49	0.009~0.15	-54.53	PASS
Band17	10MHz	QPSK	23800	1RB#49	0.15~30	-61.46	PASS
Band17	10MHz	QPSK	23800	1RB#49	30~1000	-63.27	PASS
Band17	10MHz	QPSK	23800	1RB#49	1000~3000	-48.44	PASS
Band17	10MHz	QPSK	23800	1RB#49	3000~10000	-45.61	PASS
Band17	10MHz	16QAM	23800	1RB#49	0.009~0.15	-55.53	PASS

Band17	10MHz	16QAM	23800	1RB#49	0.15~30	-59.24	PASS
Band17	10MHz	16QAM	23800	1RB#49	30~1000	-62.94	PASS
Band17	10MHz	16QAM	23800	1RB#49	1000~3000	-48.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	3000~10000	-45.22	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-56.70	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-62.28	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-63.49	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-47.61	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-45.71	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-55.63	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-60.01	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-63.35	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-48.53	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-45.79	PASS

Test Graphs





















