



Appendix A. Test Result of Conducted Spurious

Test Result of Conducted Spurious at Band Edges in the Restricted Band

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Grounding	Peak
				Limit	Line	Level	Gain	Loss	Factor	Avg
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dBi)	(dB)	(dB)	(P/A)
BLE CH00 2402MHz		2364.36	-44.91	-23.71	-21.2	-49.37	3.2	1.26	0	P
		2389.74	-59.65	-18.45	-41.2	-64.12	3.2	1.27	0	A
	*	2401.753	13.13	-	-	8.66	3.2	1.27	0	P
	*	2402.004	12.4	-	-	7.93	3.2	1.27	0	A
BLE CH19 2440MHz		2390.01	-49.9	-28.7	-21.2	-54.37	3.2	1.27	0	P
		2389.11	-62.83	-21.63	-41.2	-67.3	3.2	1.27	0	A
	*	2440.748	12.79	-	-	8.31	3.2	1.28	0	P
	*	2440.999	12.1	-	-	7.62	3.2	1.28	0	A
		2492.16	-44.48	-23.28	-21.2	-48.97	3.2	1.29	0	P
		2483.52	-62.59	-21.39	-41.2	-67.07	3.2	1.28	0	A
BLE CH39 2480MHz	*	2479.742	12.52	-	-	8.04	3.2	1.28	0	P
	*	2480.076	11.8	-	-	7.32	3.2	1.28	0	A
		2483.52	-25.76	-4.56	-21.2	-30.24	3.2	1.28	0	P
		2483.52	-55.70	-14.50	-41.2	-60.18	3.2	1.28	0	A

Note: Integration method is used to determine the BLE channel 39 band edge emission average level.



Test Result of Conducted Spurious Emission in the Restricted Band

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Grounding	Peak
				Limit	Line	Level	Gain	Loss	Factor	Avg
		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dBi)	(dB)	(dB)	(P/A)
BLE CH00 2402MHz		32.91	-70.44	-15.24	-55.2	-78.51	3.2	0.17	4.7	P
		273.47	-71.36	-22.16	-49.2	-79.65	3.2	0.39	4.7	P
		412.18	-70.66	-21.46	-49.2	-78.99	3.2	0.43	4.7	P
		612.97	-71.08	-21.88	-49.2	-79.51	3.2	0.53	4.7	P
		711.91	-70.82	-21.62	-49.2	-79.29	3.2	0.57	4.7	P
		801.15	-51.85	-2.65	-49.2	-60.32	3.2	0.57	4.7	P
		4804	-44.33	-23.13	-21.2	-49.2	3.2	1.67	0	P
		7206	-51.92	-30.72	-21.2	-57	3.2	1.88	0	P
BLE CH19 2440MHz		32.91	-70.48	-15.28	-55.2	-78.55	3.2	0.17	4.7	P
		155.13	-71.56	-19.86	-51.7	-79.73	3.2	0.27	4.7	P
		312.27	-71.99	-22.79	-49.2	-80.27	3.2	0.38	4.7	P
		496.57	-71.72	-22.52	-49.2	-80.06	3.2	0.44	4.7	P
		638.19	-71.45	-22.25	-49.2	-79.89	3.2	0.54	4.7	P
		813.76	-51.12	-1.92	-49.2	-59.61	3.2	0.59	4.7	P
		4880	-32.27	-11.07	-21.2	-37.17	3.2	1.70	0	P
		4880	-42.13	-0.93	-41.2	-47.03	3.2	1.70	0	A
		7320	-50.41	-29.21	-21.2	-55.58	3.2	1.97	0	P
BLE CH39 2480MHz		33.88	-70.2	-15	-55.2	-78.27	3.2	0.17	4.7	P
		287.05	-71.64	-22.44	-49.2	-79.93	3.2	0.39	4.7	P
		421.88	-71.42	-22.22	-49.2	-79.75	3.2	0.43	4.7	P
		574.17	-71.41	-22.21	-49.2	-79.82	3.2	0.51	4.7	P
		745.86	-70.54	-21.34	-49.2	-79.03	3.2	0.59	4.7	P
		827.34	-50.07	-0.87	-49.2	-58.56	3.2	0.59	4.7	P
		4960	-37.56	-16.36	-21.2	-42.49	3.2	1.73	0	P
		4960	-56.1	-14.9	-41.2	-61.03	3.2	1.73	0	A
		7440	-54.13	-32.93	-21.2	-59.4	3.2	2.07	0	P