

Appendix E

Conducted power

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1. Conducted power

Bluetooth

Test Mode	Antenna	Channel	Average conducted power [dBm]	E.I.R.P Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up E.I.R.P Power (dBm)	SAR Test	duty cycle [%]
DH5	Ant1	2402	9.30	12.29	10.0	12.99	Required	76.92
		2441	8.51	11.50	9.0	11.99		76.92
		2480	8.71	11.70	9.0	11.99		76.92
2DH5	Ant1	2402	8.31	11.30	9.0	11.99	Excluded	/
		2441	7.99	10.98	9.0	11.99		
		2480	8.54	11.53	9.0	11.99		
3DH5	Ant1	2402	8.37	11.36	9.0	11.99		
		2441	8.07	11.06	9.0	11.99		
		2480	8.57	11.56	9.0	11.99		

Test Mode	Antenna	Channel	Average conducted power [dBm]	E.I.R.P Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up E.I.R.P Power (dBm)	SAR Test	duty cycle [%]
BLE 1M	Ant1	2402	2.08	5.07	3.0	5.99	Excluded	/
		2440	2.93	5.92	3.0	5.99		
		2480	1.81	4.80	3.0	5.99		
BLE 2M	Ant1	2404	1.91	4.90	3.0	5.99		
		2440	2.81	5.80	3.0	5.99		
		2478	2.02	5.01	3.0	5.99		

2.4G WiFi

Test Mode	Antenna	Channel	Average conducted power [dBm]	E.I.R.P Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up E.I.R.P Power (dBm)	SAR Test	duty cycle [%]
11B	Ant1	2412	11.24	14.23	12.0	14.99	Required	99.64
		2437	12.23	15.22	13.0	15.99		99.41
		2462	11.44	14.43	12.0	14.99		99.53
11G	Ant1	2412	11.63	14.62	12.0	14.99	Excluded	/
		2437	11.84	14.83	12.0	14.99		
		2462	11.36	14.35	12.0	14.99		
11N20SISO	Ant1	2412	11.68	14.67	12.0	14.99		
		2437	11.80	14.79	12.0	14.99		
		2462	11.41	14.4	12.0	14.99		
11N40SISO	Ant1	2422	12.12	15.11	12.5	15.99		
		2437	11.97	14.96	12.0	14.99		
		2452	11.98	14.97	12.0	14.99		

5G WiFi

Test Mode	Antenna	Channel	Average conducted power [dBm]	E.I.R.P Power (dBm)	Max. Tune-up Power (dBm)	Max. Tune-up E.I.R.P Power (dBm)	SAR Test	duty cycle [%]
11A	Ant1	5180	9.93	14.51	10.0	14.58	Excluded	/
		5200	9.89	14.47	10.0	14.58		
		5240	10.02	14.6	11.0	15.58		
		5260	10.26	14.84	11.0	15.58	Required	96.55
		5280	10.03	14.61	11.0	15.58	Excluded	/
		5320	10.25	14.83	11.0	15.58		
		5500	9.45	14.03	10.0	14.58	Required	97.22
		5580	9.5	14.08	10.5	15.08		97.22
		5700	8.67	13.25	9.0	13.58	Excluded	/
		5720	9.07	13.65	9.5	14.08		
		5745	9.28	13.86	9.5	14.08		
		5785	9.38	13.96	9.5	14.08		
		5825	9.54	14.12	10.5	15.08	Required	97.22
11N20SISO	Ant1	5180	9.72	14.3	10.0	14.58	Excluded	/
		5200	9.79	14.37	10.0	14.58		
		5240	9.87	14.45	10.0	14.58		
		5260	9.94	14.52	10.0	14.58		
		5280	9.9	14.48	10.0	14.58		
		5320	9.88	14.46	10.0	14.58		
		5500	9.16	13.74	10.0	14.58		
		5580	9.17	13.75	10.0	14.58		
		5700	9.14	13.72	10.0	14.58		
		5720	9	13.58	10.0	14.58		
		5745	9.03	13.61	10.0	14.58		
		5785	9.35	13.93	10.0	14.58		
		5825	9.43	14.01	10.0	14.58		
11N40SISO	Ant1	5190	9.48	14.06	10.0	14.58		
		5230	9.73	14.31	10.0	14.58		
		5270	9.85	14.43	10.0	14.58		
		5310	9.89	14.47	10.0	14.58		
		5510	9.19	13.77	10.0	14.58		
		5550	9.27	13.85	10.0	14.58		
		5670	8.7	13.28	9.0	13.58		
		5710	8.5	13.08	9.0	13.58		
		5755	9.07	13.65	10.0	14.58		
		5795	9.11	13.69	10.0	14.58		
11AC20SISO	Ant1	5180	9.67	14.25	10.0	14.58		
		5200	9.72	14.3	10.0	14.58		
		5240	9.78	14.36	10.0	14.58		

		5260	9.92	14.5	10.0	14.58
		5280	9.86	14.44	10.0	14.58
		5320	9.96	14.54	10.0	14.58
		5500	9.1	13.68	10.0	14.58
		5580	9.26	13.84	10.0	14.58
		5700	8.62	13.2	10.0	14.58
		5720	8.59	13.17	10.0	14.58
		5745	9.06	13.64	10.0	14.58
		5785	9.22	13.8	10.0	14.58
		5825	9.46	14.04	10.0	14.58
11AC40SISO	Ant1	5190	9.66	14.24	10.0	14.58
		5230	9.76	14.34	10.0	14.58
		5270	9.88	14.46	10.0	14.58
		5310	9.81	14.39	10.0	14.58
		5510	9.23	13.81	10.0	14.58
		5550	9.32	13.9	10.0	14.58
		5670	8.71	13.29	9.0	13.58
		5710	8.57	13.15	9.0	13.58
		5755	9.06	13.64	10.0	14.58
		5795	9.18	13.76	10.0	14.58
11AC80SISO	Ant1	5210	9.83	14.41	10.0	14.58
		5290	10.01	14.59	10.5	15.08
		5530	9.08	13.66	10.0	14.58
		5610	9.3	13.88	10.0	14.58
		5690	8.66	13.24	9.0	13.58
		5775	9.14	13.72	10.0	14.58