

Appendix E

Conducted power

Table of Contents

1. Conducted power..... 3

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	7.68	9.50	8.0	9.82	Required	77.07
		2441	8.47	10.29	9.0	10.82		77.07
		2480	6.67	8.49	7.0	8.82		76.86
2DH5	Ant1	2402	6.23	8.05	7.0	8.82	Excluded	77.07
		2441	7.05	8.87	8.0	9.82		76.86
		2480	5.30	7.12	6.0	7.82		76.86
3DH5	Ant1	2402	6.46	8.28	7.0	8.82		77.07
		2441	7.31	9.13	8.0	9.82		77.13
		2480	5.52	7.34	6.0	7.82		77.07

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	2.06	3.88	3.0	4.82	Excluded	85.60
		2440	3.34	5.16	4.0	5.82		85.60
		2480	1.42	3.24	2.0	3.82		85.60

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	13.18	15.00	14.0	15.82	Required	99.20
		2437	12.55	14.37	13.0	14.82		99.20
		2462	12.75	14.57	13.0	14.82		99.20
11G	Ant1	2412	12.72	14.54	13.0	14.82		98.10
		2437	12.23	14.05	12.5	14.32		98.10
		2462	12.44	14.26	12.5	14.32		98.57
11N20SISO	Ant1	2412	11.12	12.94	11.5	13.32		97.96
		2437	10.54	12.36	11.0	12.82		97.96
		2462	12.39	14.21	12.5	14.32		97.96
11N40SISO	Ant1	2422	13.05	14.87	13.5	15.32		94.00
		2437	12.14	13.96	12.5	14.32		95.00
		2452	11.69	13.51	12.0	13.82		95.00

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	8.3	12.36	9.0	13.06	Excluded	98.1
		5200	8.22	12.28	9.0	13.06		98.1
		5240	8.77	12.83	9.0	13.06		98.1
		5260	9.37	13.43	10.0	14.06		98.1
		5280	9.76	13.82	10.0	14.06	Required	98.1
		5320	10.8	14.86	12.0	16.06		98.1
		5500	8.02	12.08	9.0	13.06	Excluded	98.57
		5580	6.97	11.03	7.0	11.06		98.1
		5700	8.49	12.55	9.0	13.06		98.1
		5720	9.38	13.44	10.0	14.06		98.1
		5745	10.74	14.8	11.0	15.06		98.1
		5785	10.86	14.92	11.0	15.06		98.1
		5825	10.95	15.01	11.0	15.06		98.1
11N20SISO	Ant1	5180	8.15	12.21	9.0	13.06	Excluded	97.97
		5200	8.07	12.13	9.0	13.06		97.96
		5240	8.66	12.72	9.0	13.06		97.96
		5260	9.23	13.29	10.0	14.06		97.96
		5280	9.66	13.72	10.0	14.06		97.97
		5320	10.24	14.3	10.5	14.56	Required	97.97
		5500	7.73	11.79	8.0	12.06	Excluded	97.96
		5580	6.17	10.23	7.0	11.06		97.97
		5700	8.81	12.87	9.0	13.06		98.47
		5720	9.93	13.99	10.0	14.06		98.47
		5745	10.59	14.65	11.0	15.06		97.97
		5785	10.71	14.77	11.0	15.06		97.96
		5825	10.81	14.87	11.0	15.06		97.97
11N40SISO	Ant1	5190	8.68	12.74	9.0	13.06	Excluded	95.96
		5230	9.1	13.16	10.0	14.06		96.94
		5270	9.39	13.45	10.0	14.06		96.94
		5310	10.76	14.82	11.0	15.06	Required	95.96
		5510	8.33	12.39	9.0	13.06	Excluded	95.92
		5550	7.57	11.63	8.0	12.06		95.96
		5670	8.99	13.05	9.0	13.06		95.96
		5710	9.01	13.07	10.0	14.06		95.96
		5755	11.22	15.28	12.0	16.06		96.94
		5795	11.54	15.6	13.0	17.06	Required	95.96
11AC20SISO	Ant1	5180	8.17	12.23	9.0	13.06	Excluded	97.97
		5200	8.14	12.2	9.0	13.06		97.97
		5240	8.68	12.74	9.0	13.06		97.97
		5260	9.2	13.26	10.0	14.06		97.97

		5280	9.67	13.73	10.0	14.06		97.98
		5320	10.26	14.32	10.5	14.56		97.97
		5500	8.01	12.07	9.0	13.06		97.97
		5580	6.87	10.93	7.0	11.06		98.48
		5700	9.2	13.26	10.0	14.06		97.97
		5720	10.34	14.4	12.0	16.06	Required	98.48
		5745	10.41	14.47	11.0	15.06	Excluded	98.48
		5785	10.02	14.08	11.0	15.06		97.97
		5825	10.79	14.85	11.0	15.06		98.48
11AC40SISO	Ant1	5190	8.74	12.8	9.0	13.06	Excluded	95.96
		5230	9.12	13.18	10.0	14.06		95.96
		5270	10.13	14.19	11.0	15.06		95.96
		5310	10.77	14.83	11.0	15.06	Required	95.96
		5510	7.8	11.86	8.0	12.06	Excluded	95.96
		5550	7.58	11.64	8.0	12.06		95.96
		5670	8.99	13.05	9.0	13.06		95.96
		5710	10.18	14.24	10.5	14.56		96.97
		5755	11.26	15.32	12.0	16.06		95.96
		5795	11.53	15.59	12.0	16.06		95.96
11AC80SISO	Ant1	5210	8.83	12.89	9.0	13.06	Excluded	92
		5290	10.17	14.23	10.5	14.56	Required	92
		5530	7.98	12.04	8.0	12.06	Excluded	92
		5610	7.88	11.94	8.0	12.06		92
		5690	9.4	13.46	10.0	14.06		92
		5775	11.16	15.22	11.5	15.56		92