

Appendix D. Conducted power test results for certain power reduction mechanisms validation

1.1 2/3/4G reduced power validation results

2G/3G/4G Main Antenna Power validation results(dBm)						
Band	Main Antenna only		Main Antenna+WiFi on		Main Antenna+Hotspot on	
	Receiver OFF	Receiver ON	Receiver OFF	Receiver ON	Receiver OFF	Receiver ON
GSM850	32.55	32.45	32.55	32.54	32.54	32.54
GSM1900	30.02	27.52	30.02	27.52	27.53	25.09
UMTS Band II	22.4	19.41	19.89	16.89	19.33	16.36
UMTS Band IV	22.13	17.1	19.53	14.62	19.08	14.12
UMTS Band V	24.23	23.17	24.23	23.17	23.25	22.25
LTE Band 2	22.58	18.1	20.01	15.55	18.04	13.54
LTE Band 4	22.09	17.13	19.68	14.7	18.18	13.19
LTE Band 5	23.82	22.81	23.82	22.92	22.92	21.84
LTE Band 7	20.77	16.26	18.24	13.73	15.82	11.34
LTE Band 13	23.79	23.67	23.79	23.79	23.79	23.79
LTE Band 26	23.84	21.84	23.69	21.83	23.84	21.82
LTE Band 38	23.36	18.91	20.36	15.8	21.87	17.36
LTE Band 66	22.01	18.52	19.58	16.09	18.07	14.57

Table 1: 2/3/4G reduced power validation results of Main antenna