

8 SAR MEASUREMENT RESULTS**8.1 LAP HELD POSITION****802.11a - Main Antenna**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
100	5500	0.131	0.000	0.131
120	5600			
140	5700			

802.11a - AUX Antenna

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
100	5500	0.676	-0.145	0.699
120	5600	0.815	0.000	0.815
140	5700	0.851	-0.158	0.883

802.11a - Main and AUX Antenns

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
100	5500	0.796	-0.133	0.821
120	5600	0.851	0.000	0.851
140	5700	0.876	-0.156	0.908

802.11n HT20

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
100	5500	0.865	-0.134	0.892
120	5600	0.892	-0.035	0.899
140	5700	0.927	-0.222	0.976

802.11n HT40

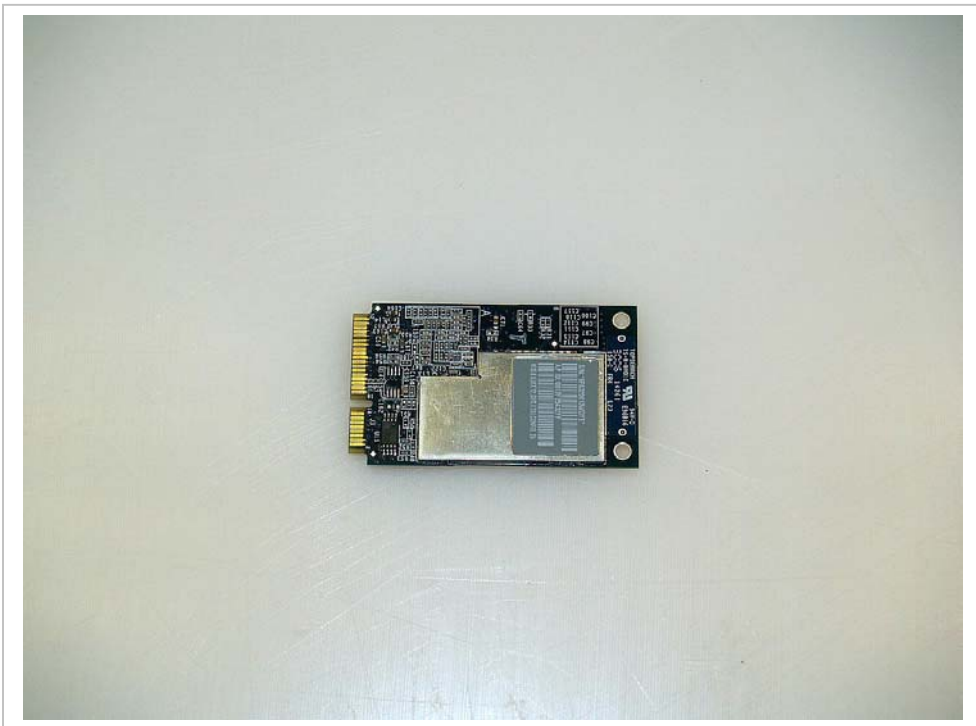
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
102	5510	0.995	-0.157	1.032
118	5590	1.060	-0.073	1.078
138	5670	1.110	-0.100	1.136

Notes:

- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the middle channel for this configuration is at least 3 dB lower (0.8 mW/g) than SAR limit (1.6 mW/g), thus testing at low & high channel is optional.

11 PHOTOS

WLAN



Host Device

