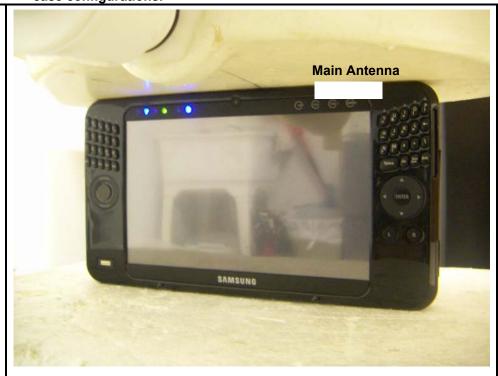## 8   SAR MEASURMENT RESULTS

8.1   SECONDARY LANDSCAPE

Note: **Both the Foxconn antenna and WNC antenna were tested to determine the worst case configurations.**
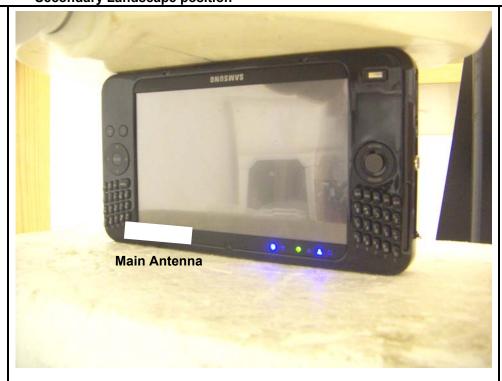

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b (1Mbps) WNC Antenna				
1	**2412**	**1.140**	**0.000**	**1.140**
6	2437	1.030	0.000	1.030
11	2462	1.130	0.000	1.130
1[4]	**2412**	**1.180**	**0.000**	**1.180**
802.11b (1 Mbps) Foxconn Antenna				
6	2437	0.879	0.000	0.879
802.11g (6 Mbps) WNC Antenna				
1	2412	0.693	0.000	0.693
6	2437	0.920	0.000	0.920
11	2462	0.694	0.000	0.694

Notes:
1) The exact method of extrapolation is Measured SAR x 10^(-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.
3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
4) Collocation with Broadcom Bluetooth module FCC ID: QDS-BRCM1018

8.2   PRIMARY LANDSCAPE

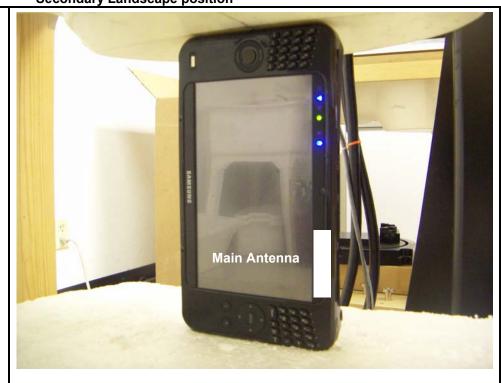**Note:**   **WNC antenna was tested based on worst case configurations from the Secondary Landscape position**

Main Antenna

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b (1Mbps)				
1	2412			
6	2437	0.165	0.000	0.165
11	2462			

Notes:
1) The exact method of extrapolation is Measured SAR x 10^(-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.
3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.3 PRIMARY PORTRAIT

Note: **WNC antenna was tested based on worst case configurations from the Secondary Landscape position**

Main Antenna

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b (1Mbps)				
1	2412			
6	2437	0.093	0.000	0.093
11	2462			

Notes:
1) The exact method of extrapolation is Measured SAR x 10^(-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.
3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.4   SECONDARY PORTRAIT

Note: WNC antenna was tested based on worst case configurations from the Secondary Landscape position

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b (1Mbps)				
1	2412			
6	2437	0.670	0.000	0.670
11	2462			
802.11g (6 Mbps)				
1	2412			
6	2437	0.328	0.000	0.328
11	2462			

Notes:

1) The exact method of extrapolation is Measured SAR x 10^(-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.

3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.

8.5   LAP-HELD

Note: **WNC antenna was tested based on worst case configurations from the Secondary Landscape position**

Main Antenna

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
802.11b (1Mbps)				
1	2412	0.843	0.000	0.843
6	2437	0.848	0.000	0.848
11	2462	0.763	0.000	0.763
6[4]	2437	0.902	0.000	0.902
802.11g (6 Mbps)				
1	2412			
6	2437	0.427	0.000	0.427
11	2462			

Notes:
1) The exact method of extrapolation is Measured SAR x $10^{(-drift/10)}$. 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.
3) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
4) Collocation with Broadcom Bluetooth module FCC ID: QDS-BRCM1018

11 PHOTOS

EUT

Foxconn Antenna Location

WNC Antenna Location