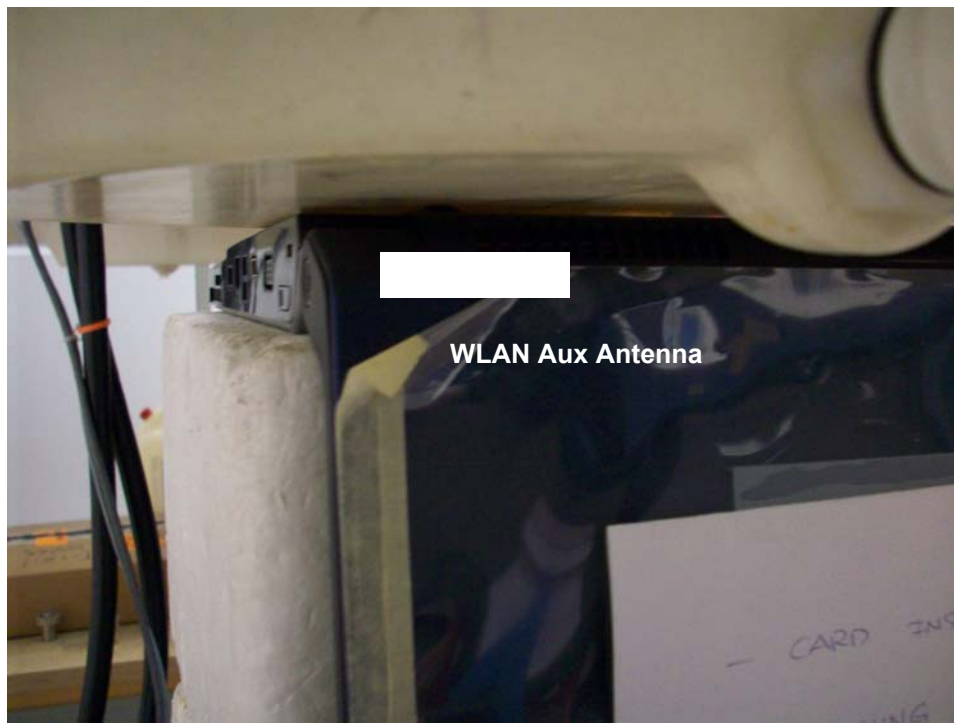


**8 SAR MEASUREMENT RESULTS**

**8.1 2.4 GHZ BANDS – TYCO AND ACON ANTENNA**



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
<b>802.11b (1Mbps) - Acon Antenna</b>				
6	2437	0.105	0.000	0.105
<b>802.11b (1Mbps) - Tyco Antenna</b>				
6	2437	0.107	-0.708	0.126

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

**8.2 5 GHZ BANDS – TYCO ANTENNA**

**Note:** Main antenna was not tested due to the large distance between the antenna and the phantom.



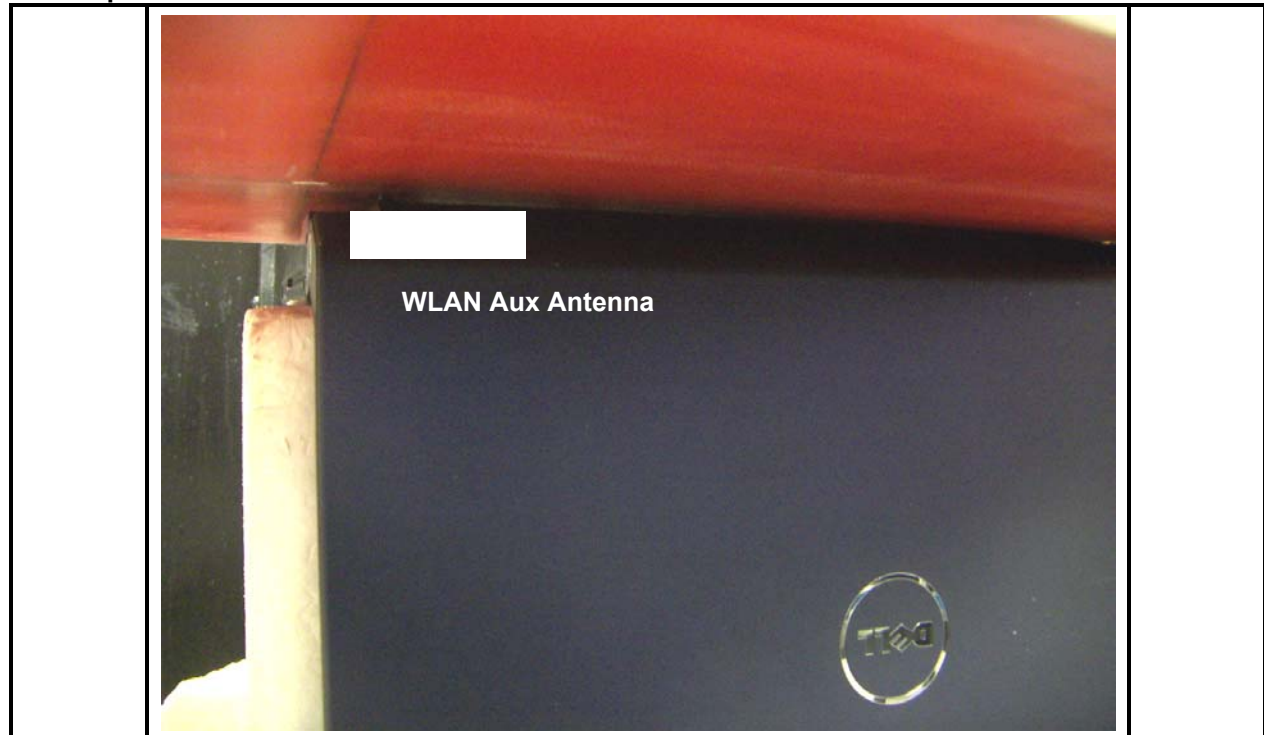
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
<b>5.2 GHz - 802.11a mode (6 Mbps)</b>				
40	5200	0.116	-0.271	0.123
<b>5.3 GHz - 802.11a mode (6 Mbps)</b>				
60	5300	0.284	-0.209	0.298
<b>5.5 GHz - 802.11a mode (6 Mbps)</b>				
120	5600	0.314	0.000	0.314
<b>5.8 GHz - 802.11n HT40 mode (6 Mbps)</b>				
159	5795	0.356	-0.147	0.368

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

**8.3 5 GHZ BANDS – ACON ANTENNA**

**Note:** Main antenna was not tested due to the large distance between the antenna and the phantom.



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
<b>5.2 GHz - 802.11a mode (6 Mbps)</b>				
40	5200	0.096	-0.290	0.102
<b>5.3 GHz - 802.11a mode (6 Mbps)</b>				
60	5300	0.273	0.000	0.273
<b>5.5 GHz - 802.11a mode (6 Mbps)</b>				
120	5600	0.641	-0.114	0.658
<b>5.8 GHz - 802.11n HT40 mode</b>				
159	5795	0.639	-0.147	0.661

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

12 PHOTOS

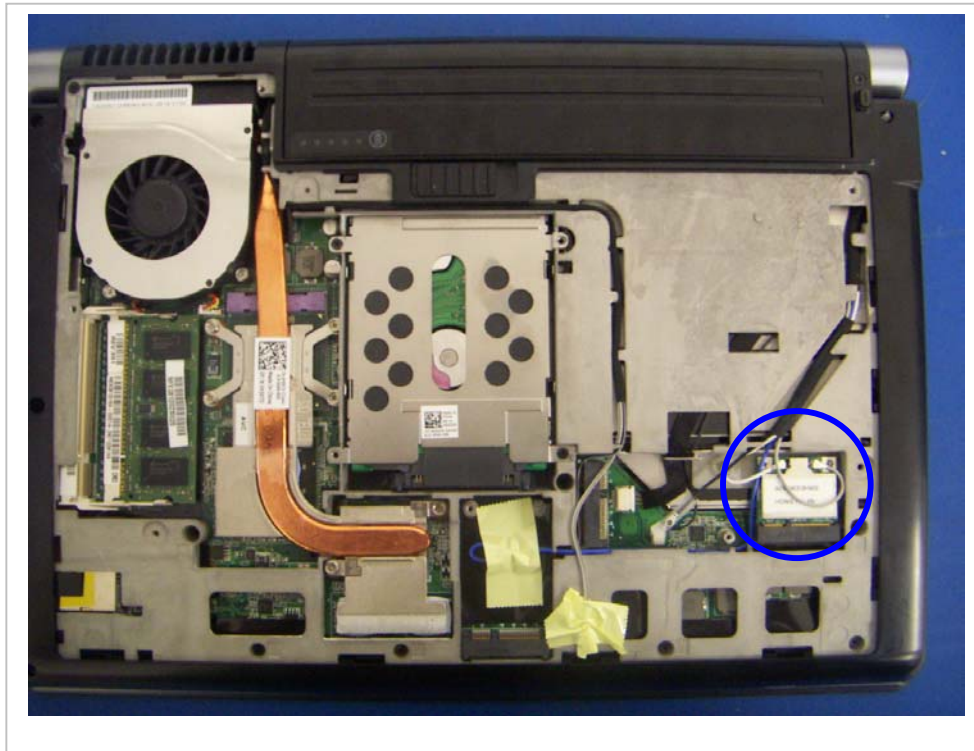
EUT Front



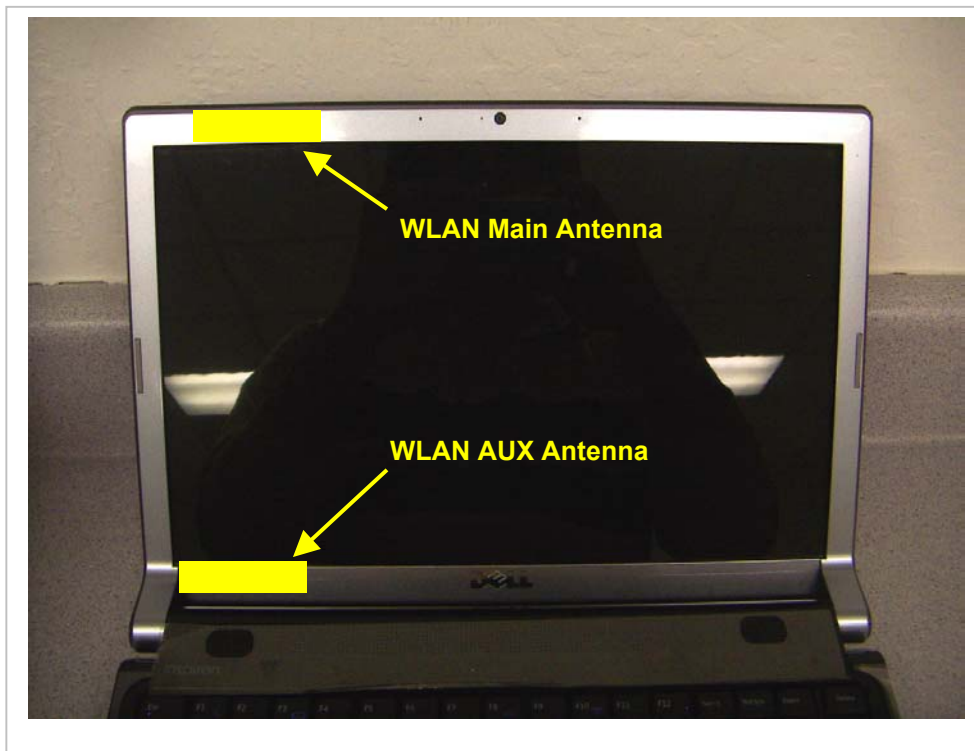
EUT Back



**EUT Location**



**Antenna Location**



**END OF REPORT**