

8 SAR MEASUREMENT RESULTS

8.1 2.4 GHZ BAND

8.1.1 NORMAL POSITION

Note: Testing was skipped at this position due to the large distance between the antennas and the phantom.



8.1.2 SECONDARY LANDSCAPE POSITION

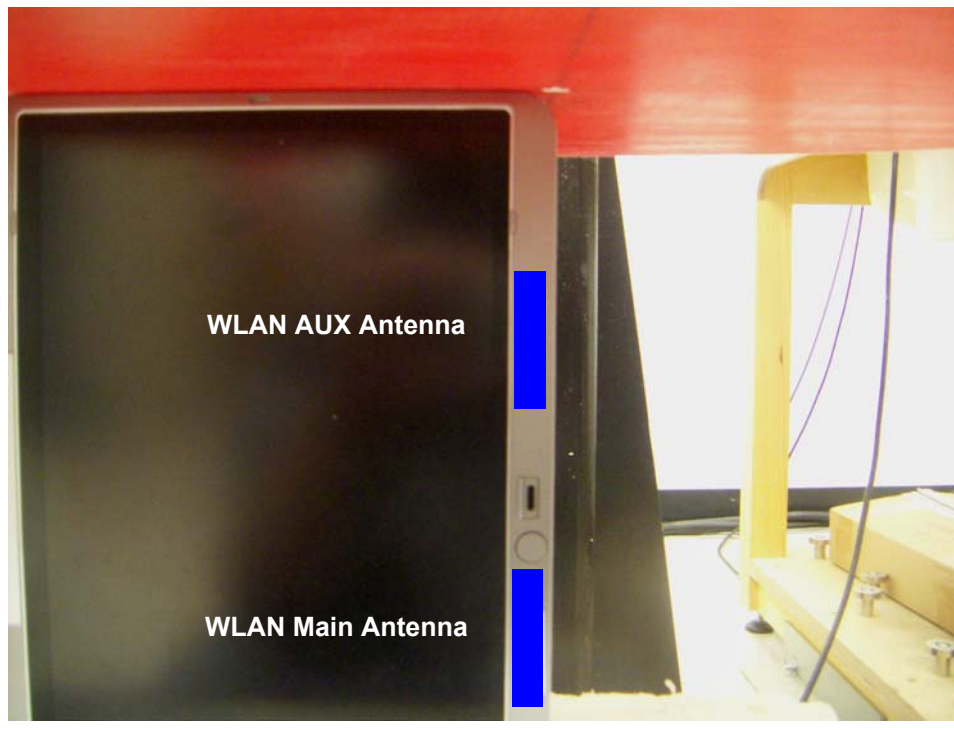
The WLAN device is disabled by software at this position

8.1.3 PRIMARY PORTRAIT

The WLAN device is disabled by software at this position

8.1.4 SECONDARY PORTRAIT POSITION

Note: Main antenna testing was skipped due to the low SAR values obtained from the Aux antenna and the larger separation distance between the Main antenna and the phantom.



802.11b (1Mbps) Aux Antenna

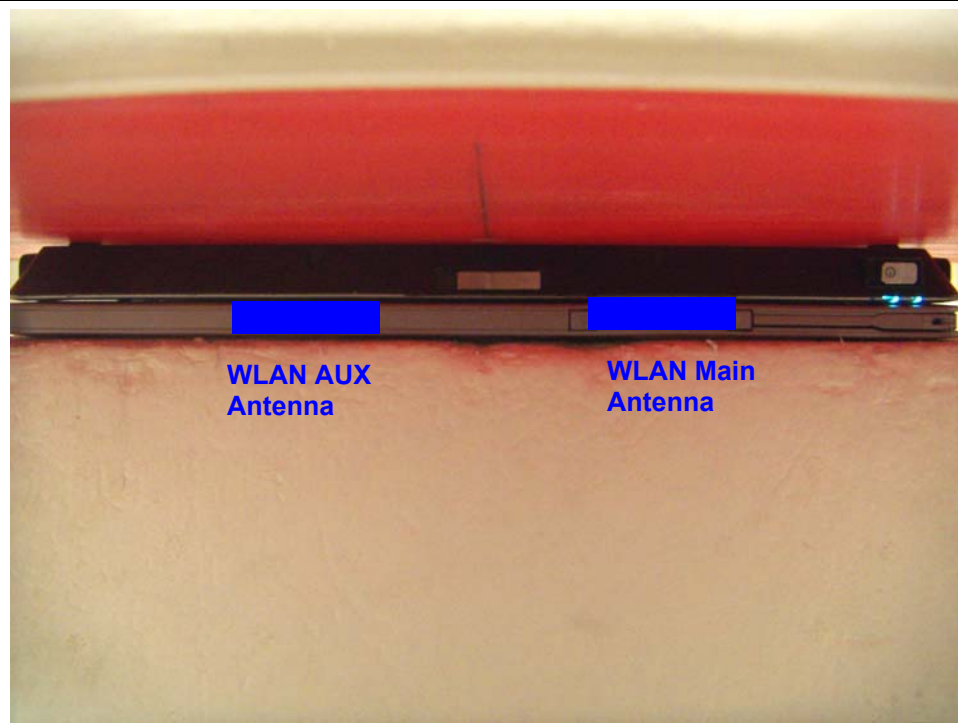
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.196	0.000	0.196
11	2462			

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.

8.1.5 LAPHELD

Note: AUX antenna testing was skipped due to the low SAR values obtained from the main antenna.

**802.11b (1Mbps) Main Antenna**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.056	0.000	0.056
6	2437			
11	2462			

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.

8.1.6 SECONDARY PORTRAIT POSITION

Note: Testing was skipped at this position due to the large distance between the antennas and the phantom.



8.2 5 GHZ BAND

8.2.1 NORMAL POSITION

Note: Testing was skipped at this position due to the large distance between the antennas and the phantom.



8.2.2 SECONDARY LANDSCAPE

The WLAN device is disabled by software at this position

8.2.3 PRIMARY PORTRAIT

The WLAN device is disabled by software at this position

8.2.4 LAPHELD

Note: The following modes were tested base on the highest output power of each frequency band.



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
5.2 GHz Band - 802.11a - Legacy mode - Main Antenna				
40	5200	0.070	0.000	0.070
5.2 GHz Band - 802.11a - Legacy mode - AUX Antenna				
40	5200	0.076	-0.424	0.083
5.3 GHz Band - 802.11a - Legacy mode - Main Antenna				
60	5300	0.095	-0.565	0.108
5.3 GHz Band - 802.11a - Legacy mode - AUX Antenna				
60	5300	0.076	-0.041	0.077
5.5 GHz Band - 802.11a - Legacy mode - Main Antenna				
120	5600	0.022	-0.173	0.023
5.5 GHz Band - 802.11a - Legacy mode - AUX Antenna				
120	5600	0.016	0.000	0.016
5.8 GHz Band - 802.11a - Legacy mode - Main Antenna				
157	5785	0.024	0.000	0.024
5.8 GHz Band - 802.11a - Legacy mode - AUX Antenna				
157	5785	0.010	-0.061	0.010

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.

8.2.5 SECONDARY PORTRAIT

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
5.2 GHz Band - 802.11a - Legacy mode - AUX Antenna				
40	5200	0.046	0.000	0.046
5.3 GHz Band - 802.11a - Legacy mode - AUX Antenna				
60	5300	0.111	0.000	0.111
5.5 GHz Band - 802.11a - Legacy mode - AUX Antenna				
120	5600	0.070	-0.280	0.075
5.5 GHz Band - 802.11n HT40 mode - AUX Antenna				
120	5600	0.060	0.000	0.060
5.8 GHz Band - 802.11a - Legacy mode - AUX Antenna				
157	5785	0.106	0.000	0.106
5.8 GHz Band - 802.11n HT40 mode - AUX Antenna				
157	5785	0.199	0.000	0.199

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.

8.2.6 PRIMARY LANDSCAPE POSITION

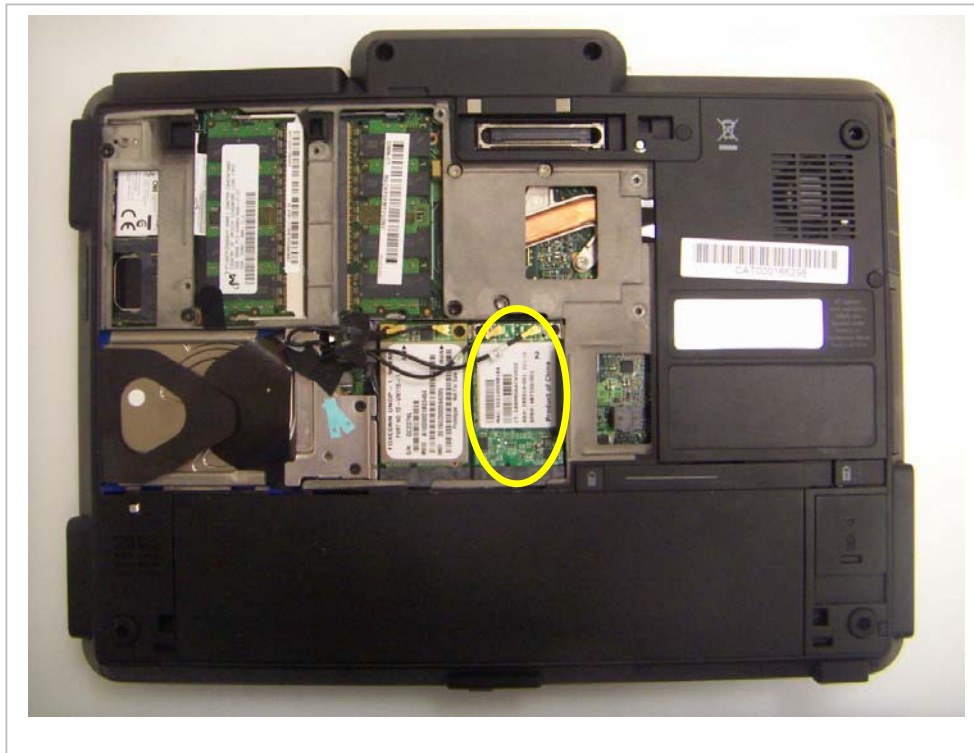
Note: Testing was skipped at this position due to large distance between the antennas and the phantom.



12 PHOTOS

EUT



EUT Location**Antenna Location**

Tablet Mode



END OF REPORT