

## 1 SAR MEASUREMENT RESULTS

In following modes only one antenna is transmitting at one time

2.4GHz band: 802.11b, 802.11g, and 802.11n 20MHz BW

5.2GHz & 5.8GHz bands: 802.11a, 802.11n 20MHz BW, and 802.11n 40MHz BW

MIMO mode: Both antennas are transmitting.

In these modes, the antenna closer to the phantom is transmitting for SAR measurements.

### 1.1 2.4GHZ - PRIMARY PORTRAIT

802.11b - Antenna A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.077	0.000	0.077
6	2437			
11	2462			
802.11g - Antenna A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.122	-0.222	0.128
6	2437			
11	2462			
802.11n 20MHz BW - Antenna A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.087	0.000	0.087
6	2437			
11	2462			
802.11n MIMO 20MHz BW				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.107	-0.100	0.109
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.

## 1.2 2.4GHZ - SECONDARY PORTRAIT



### 802.11b - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.017	0.000	0.017
6	2437			
11	2462			

### 802.11g - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.020	-0.156	0.021
6	2437			
11	2462			

### 802.11n 20MHz BW - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.018	-0.198	0.018
6	2437			
11	2462			

### 802.11n MIMO 20MHz BW

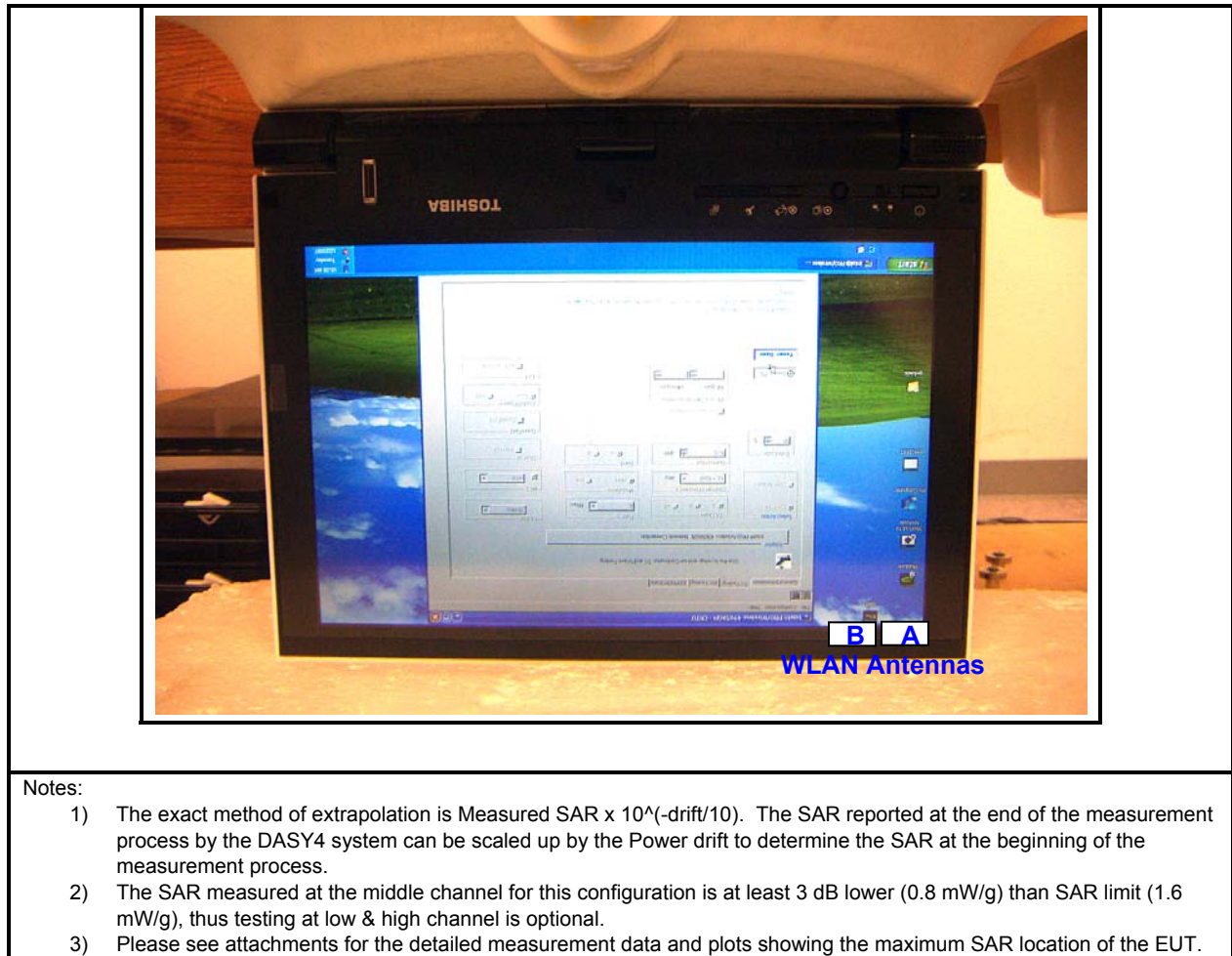
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412	0.019	0.000	0.019
6	2437			
11	2462			

#### 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.

### 1.3 2.4GHZ - PRIMARY LANDSCAPE

SAR tests are skipped since the SAR values are too low.



## 1.4 2.4GHZ - SECONDARY LANDSCAPE

### 1.4.1 ANTENNA A

# WLAN Antennas

A

B

802.11b				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.145	-0.045	0.147
6	2437			
11	2462			
802.11g				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.199	-0.050	0.201
<b>6</b>	<b>2437</b>	<b>0.237</b>	<b>-0.189</b>	<b>0.248</b>
11	2462	0.175	-0.132	0.180
802.11n 20MHz BW				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.166	-0.175	0.173
6	2437			
11	2462			

Notes:

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

**1.4.2 ANTENNA B**

## WLAN Antennas

### 802.11b

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.104	-0.139	0.107
6	2437			
11	2462			

### 802.11g

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.147	-0.103	0.151
6	2437			
11	2462			

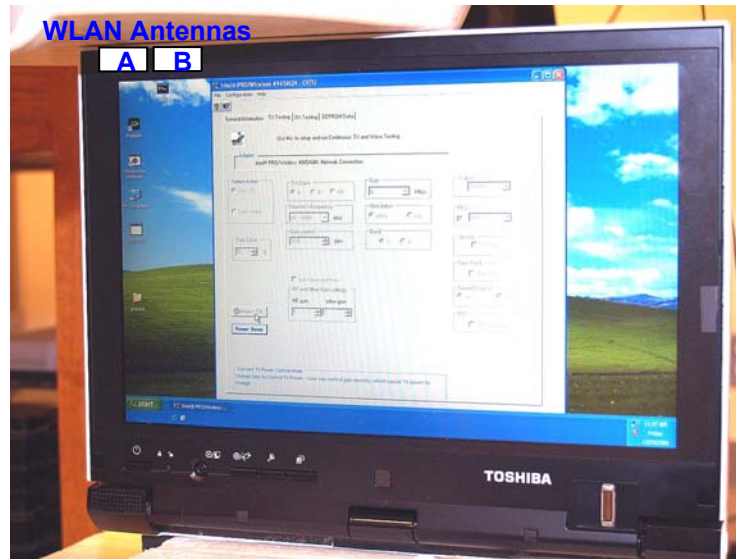
### 802.11n 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.105	-0.140	0.108
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.

### 1.4.3 MIMO



Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1	2412	0.125	-0.166	0.130
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.

**1.5 2.4GHZ - LAP HELD**

SAR tests are skipped since the SAR values are too low

**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.

## 1.6 5.2GHZ - PRIMARY PORTRAIT

### 1.6.1 802.11a, 802.11n 20 & 40MHz BW



#### 802.11a - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.794	0.000	0.794
52	5260	0.884	0.000	0.884
64	5320	1.000	-0.016	1.004

#### 802.11n 20MHz BW - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.888	-0.132	0.915
52	5260	1.070	0.000	1.070
64	5320	1.020	0.000	1.020

#### 802.11n 40MHz BW - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
38	5190	0.546	-0.166	0.567
<b>54</b>	<b>5270</b>	<b>1.050</b>	<b>-0.148</b>	<b>1.086</b>
62	5310	0.697	-0.141	0.720

#### 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.

## 1.6.2 802.11n MIMO 20 &amp; 40MHz BW

**802.11n MIMO 20MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.510	-0.115	0.524
52	5260	0.832	-0.178	0.867
64	5320	0.915	-0.190	0.956

**802.11n MIMO 40MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
38	5190	0.482	-0.143	0.498
54	5270	0.805	-0.182	0.839
62	5310	0.890	-0.116	0.914

## 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.

## 1.7 5.2GHZ - SECONDARY PORTRAIT



### 802.11a - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.121	0.000	0.121
52	5260			
64	5320			

### 802.11n 20MHz BW - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.130	0.000	0.130
52	5260			
64	5320			

### 802.11n 40MHz BW - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
38	5190	0.137	-0.078	0.139
54	5270			
62	5310			

### 802.11n MIMO 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
36	5180	0.172	-0.150	0.178
52	5260			
64	5320			

### 802.11n MIMO 40MHz BW

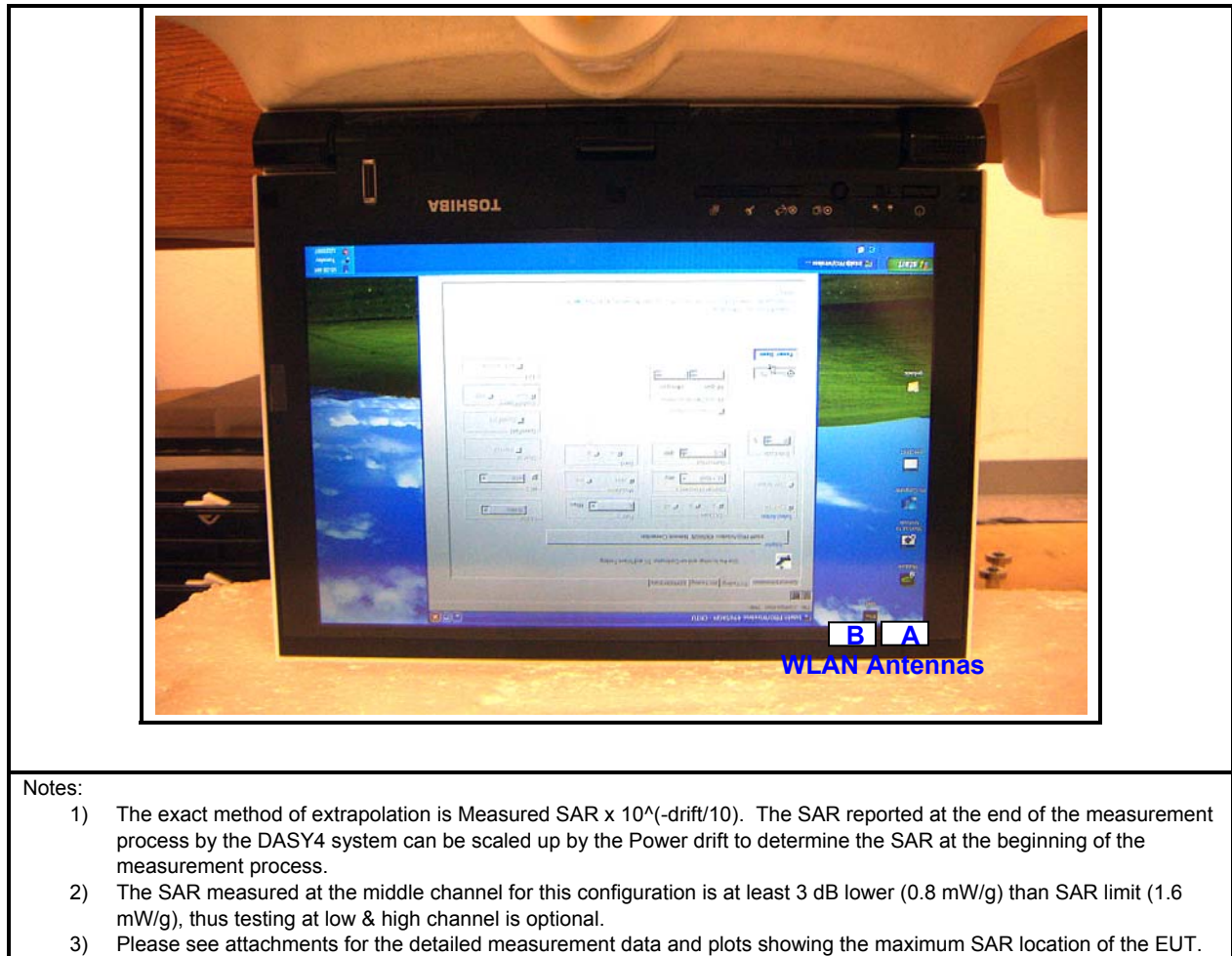
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
38	5190	0.130	-0.194	0.136
54	5270			
62	5310			

#### 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.

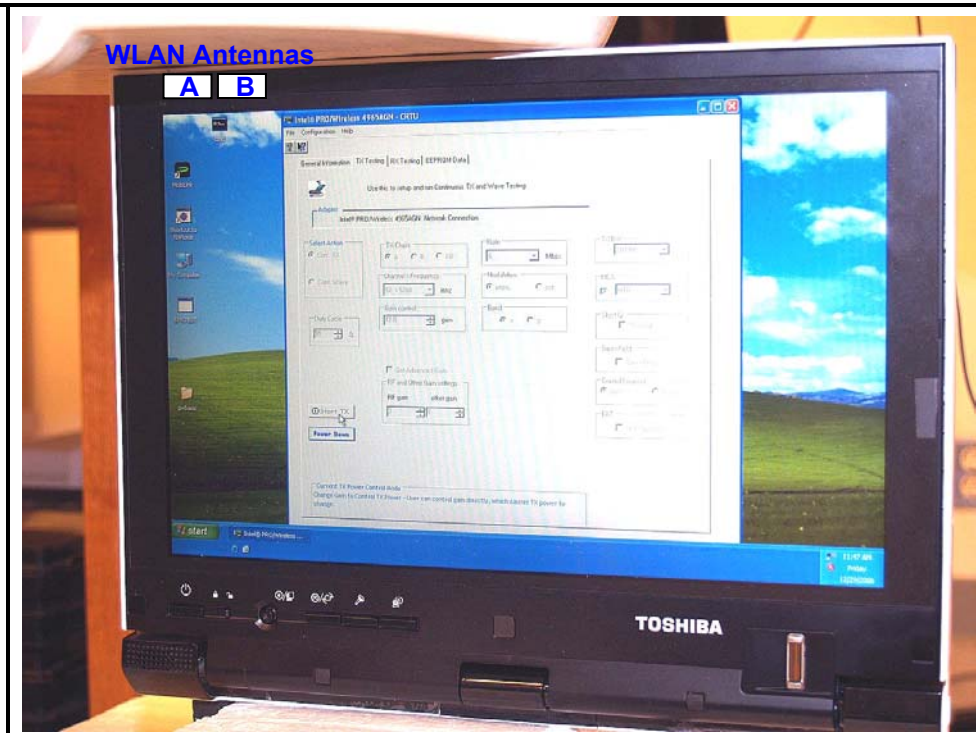
**1.8 5.2GHZ - PRIMARY LANDSCAPE**

SAR tests are skipped since the SAR values are too low.



## 1.9 5.2GHZ - SECONDARY LANDSCAPE

### 1.9.1 ANTENNA A - 802.11a, 802.11n 20 & 40MHz BW



#### 802.11a

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5180	0.362	-0.156	0.375
52	5260			
64	5320			

#### 802.11n 20MHz BW

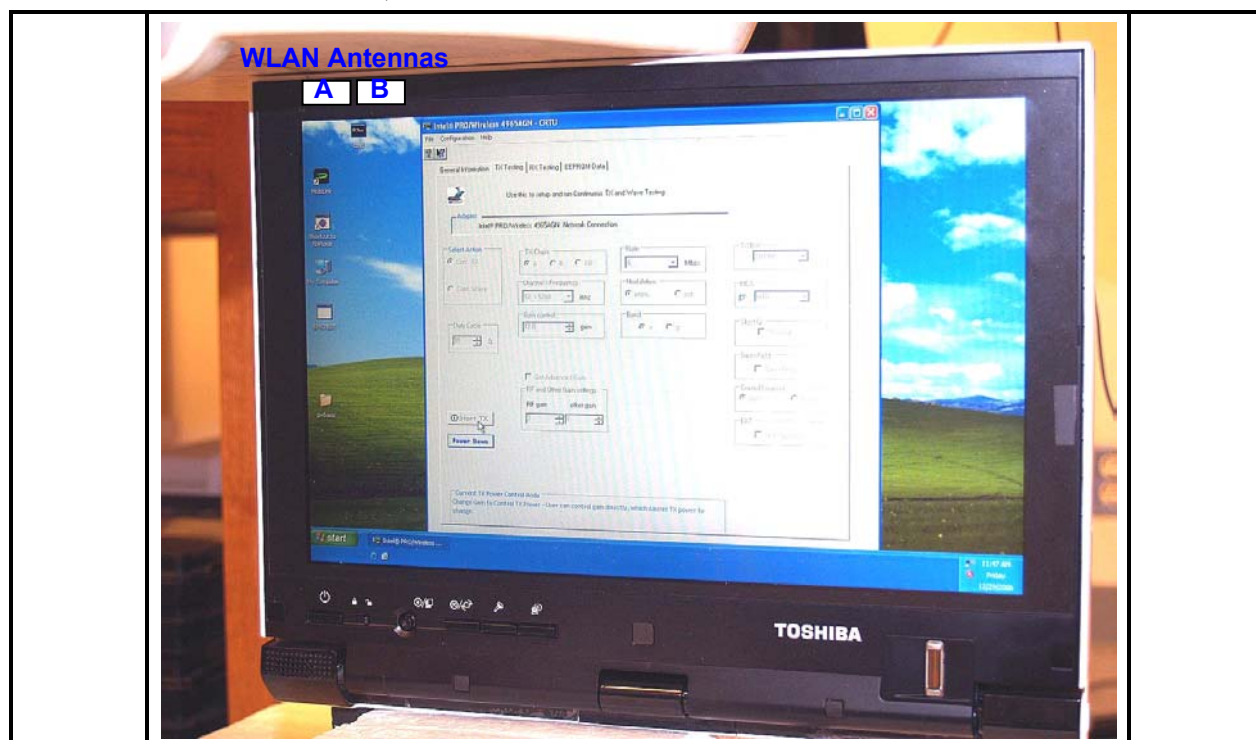
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5180	0.383	-0.194	0.400
52	5260			
64	5320			

#### 802.11n 40MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
38	5190	0.378	-0.232	0.399
54	5270			
62	5310			

#### 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.

**1.9.2 ANTENNA B - 802.11a, 802.11n 20 & 40MHz BW****802.11a**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5180	0.278	0.000	0.278
52	5260			
64	5320			

**802.11n 20MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5180	0.253	0.000	0.253
52	5260			
64	5320			

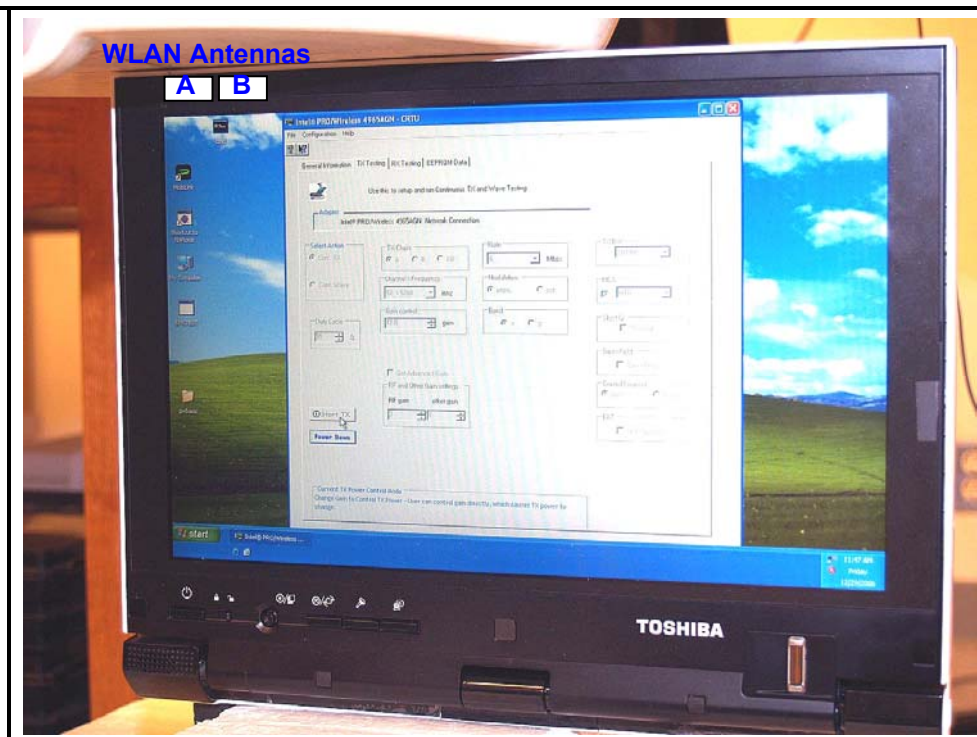
**802.11n 40MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
38	5190	0.257	0.000	0.257
54	5270			
62	5310			

**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.

### 1.9.3 802.11n MIMO 20 & 40MHz BW



#### 802.11n MIMO 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5180	0.169	-0.114	0.173
52	5260			
64	5320			

#### 802.11n MIMO 40MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
36	5190	0.225	-0.225	0.237
52	5270			
64	5310			

#### 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.

**1.10 5.2GHZ - LAP HELD**

SAR tests are skipped since the SAR values are too low

**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.

## 1.11 5.8GHZ - PRIMARY PORTRAIT

### 1.11.1 802.11a, 802.11n 20 & 40MHz BW



#### 802.11a - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.722	0.000	0.722
157	5785			
165	5825			

#### 802.11n 20MHz BW - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.717	-0.196	0.750
157	5785			
165	5825			

#### 802.11n 40MHz BW - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
<b>151</b>	<b>5755</b>	<b>0.756</b>	<b>-0.171</b>	<b>0.786</b>
159	5795	0.714	-0.136	0.737

#### 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.

## 1.11.2 802.11n MIMO 20 &amp; 40MHz BW

802.11n MIMO 20MHz BW				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.504	-0.108	0.517
157	5785			
165	5825			
802.11n MIMO 40MHz BW				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
151	5755	0.505	-0.130	0.520
159	5795			

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.

## 1.12 5.8GHZ - SECONDARY PORTRAIT



### 802.11a - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.094	0.000	0.094
157	5785			
165	5825			

### 802.11n 20MHz BW - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.097	-0.182	0.101
157	5785			
165	5825			

### 802.11n 40MHz BW - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
151	5755	0.094	-0.098	0.096
159	5795			

### 802.11n MIMO 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
149	5745	0.099	-0.170	0.103
157	5785			
165	5825			

### 802.11n MIMO 40MHz BW

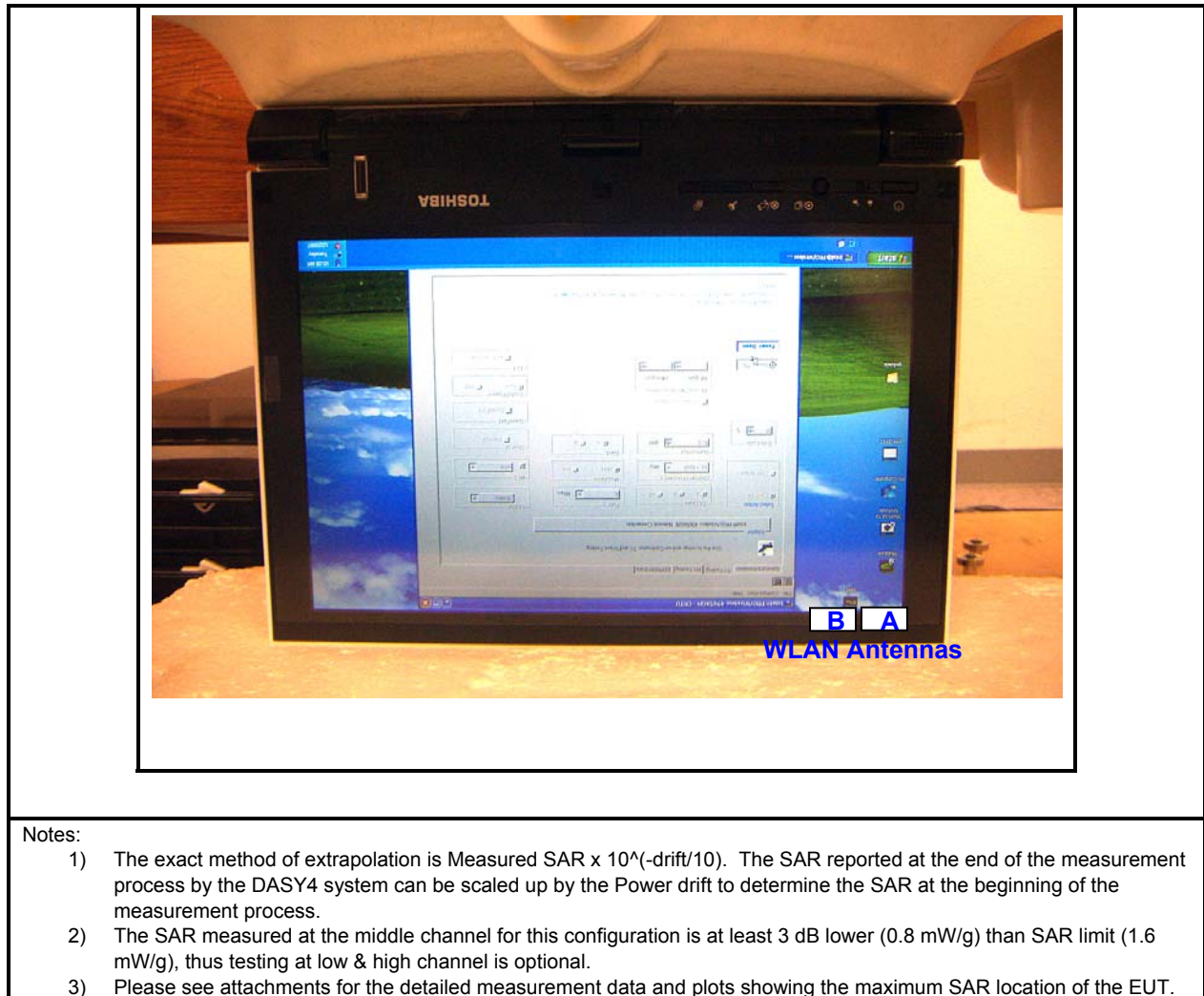
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
151	5755	0.075	-0.169	0.078
159	5795			

#### 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.

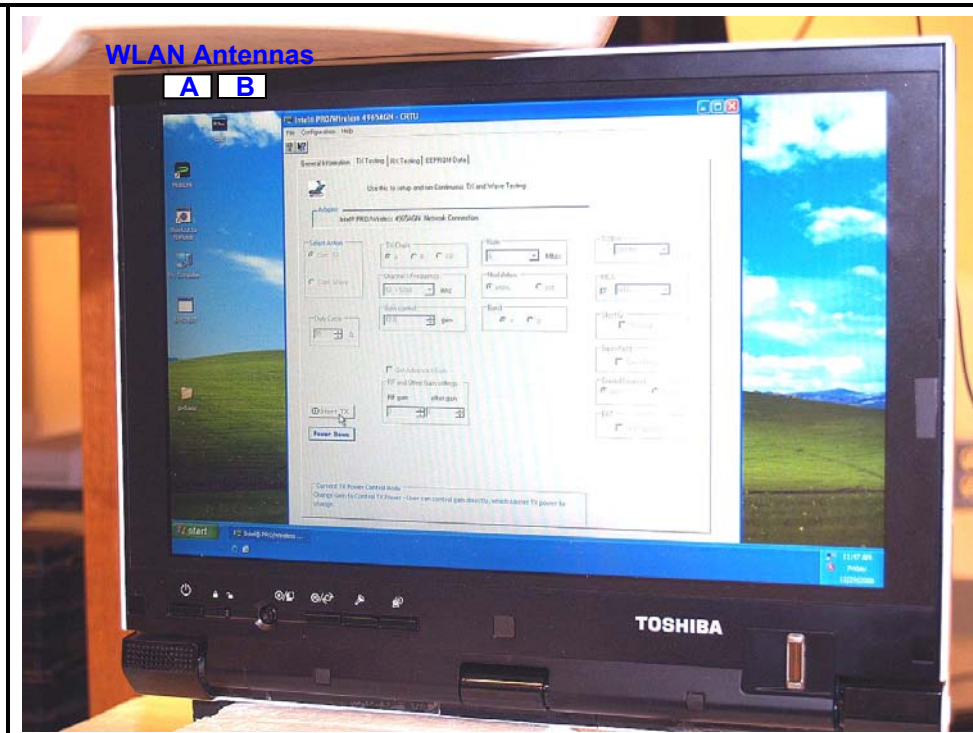
**1.13 5.8GHZ - PRIMARY LANDSCAPE**

SAR tests are skipped since the SAR values are too low.



## 1.14 5.8GHZ - SECONDARY LANDSCAPE

### 1.14.1 ANTENNA A - 802.11a, 802.11n 20 & 40MHz BW



#### 802.11a

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
149	5745	0.301	-0.173	0.313
157	5785			
165	5825			

#### 802.11n 20MHz BW

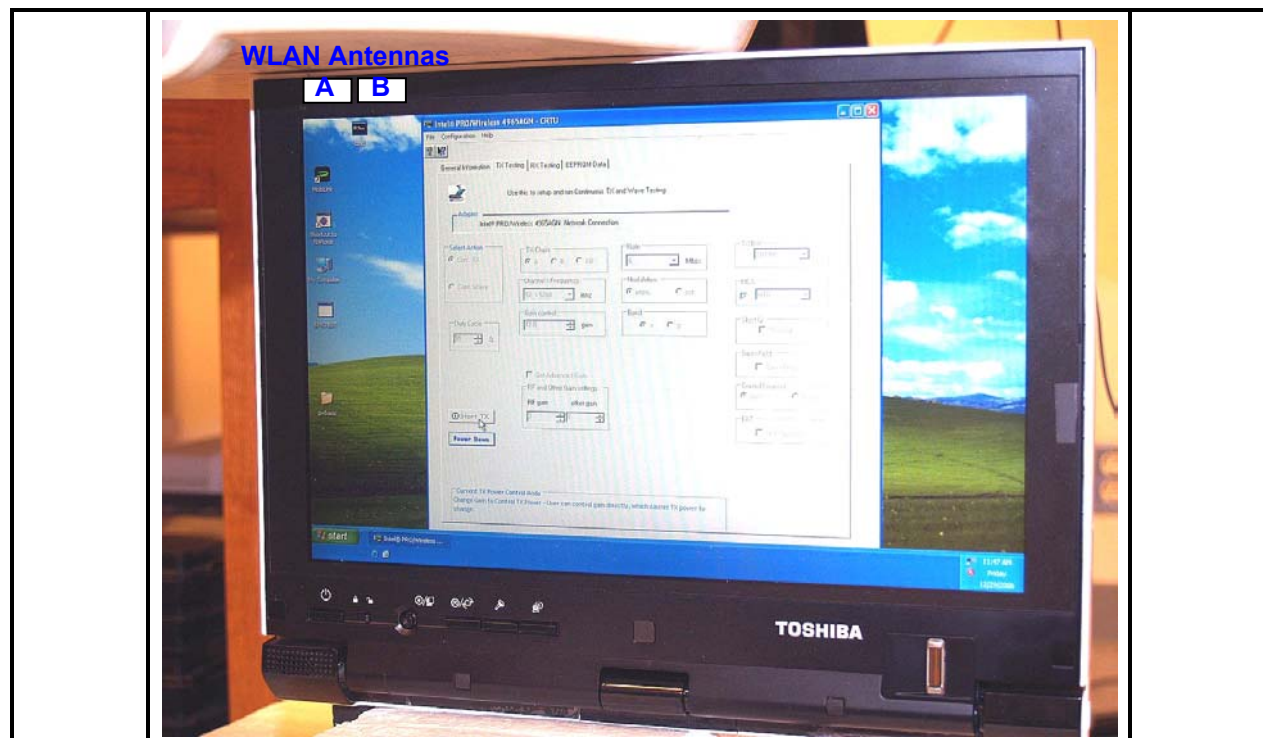
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
149	5745	0.274	-0.081	0.279
157	5785			
165	5825			

#### 802.11n 40MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
151	5755	0.341	-0.193	0.356
159	5795			

#### 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.

**1.14.2 ANTENNA B - 802.11a, 802.11n 20 & 40MHz BW****802.11a**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
149	5745	0.220	0.000	0.220
157	5785			
165	5825			

**802.11n 20MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
149	5745	0.218	0.000	0.218
157	5785			
165	5825			

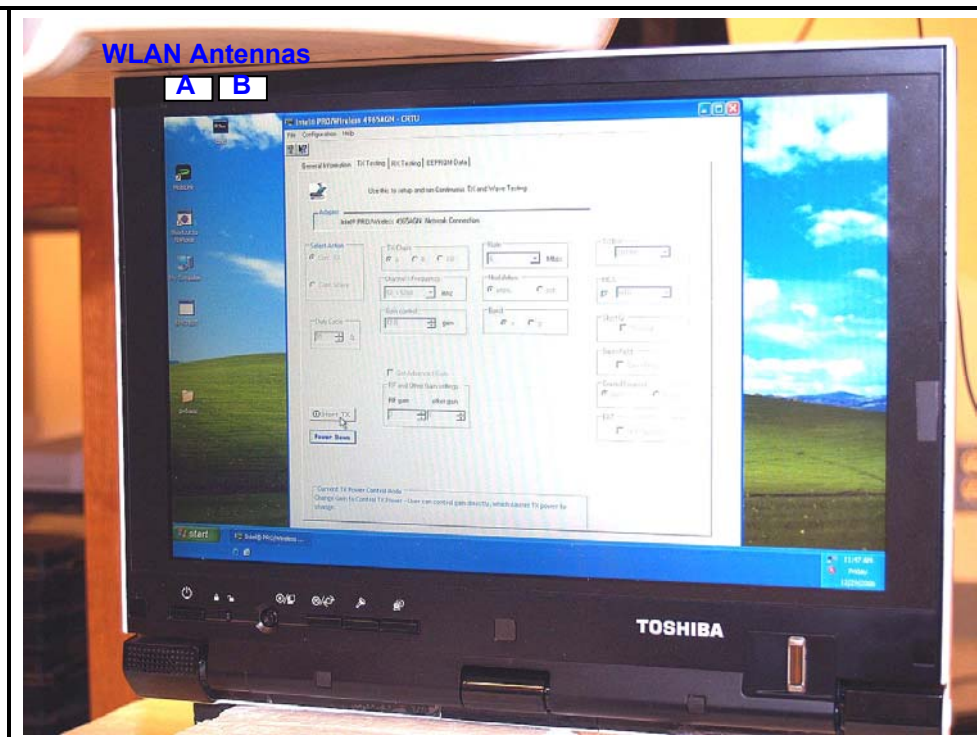
**802.11n 40MHz BW**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
151	5755	0.225	0.000	0.225
159	5795			

**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.

### 1.14.3 802.11n MIMO 20 & 40MHz BW



#### 802.11n MIMO 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
149	5745	0.180	-0.223	0.189
157	5785			
165	5825			

#### 802.11n MIMO 40MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
151	5755	0.183	-0.198	0.192
159	5795			

#### 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.

**1.15 5.8GHZ - LAP HELD**

SAR tests are skipped since the SAR values are too low

