

1 SAR MEASURMENT 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			
6	2437	0.077	0.000	0.077
11	2462			

802.11g - Antenna A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412			
6	2437	0.122	-0.222	0.128
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			
6	2437	0.087	0.000	0.087
11	2462			

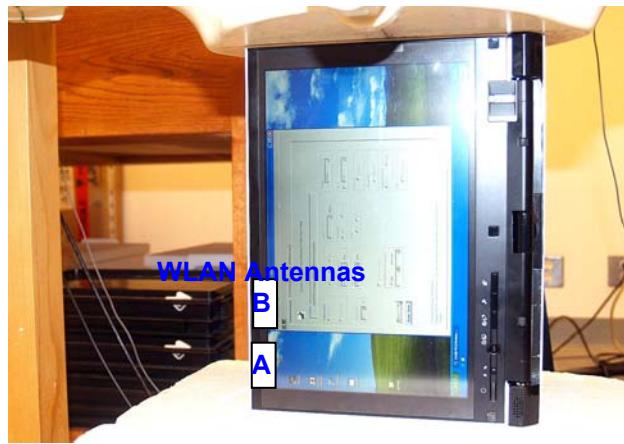
802.11n MIMO 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412			
6	2437	0.107	-0.100	0.109
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.

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			
6	2437	0.017	0.000	0.017
11	2462			

802.11g - Antenna B

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
1	2412			
6	2437	0.020	-0.156	0.021
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			
6	2437	0.018	-0.198	0.018
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			
6	2437	0.019	0.000	0.019
11	2462			

Notes:

- 1) The exact method of extrapolation is 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.

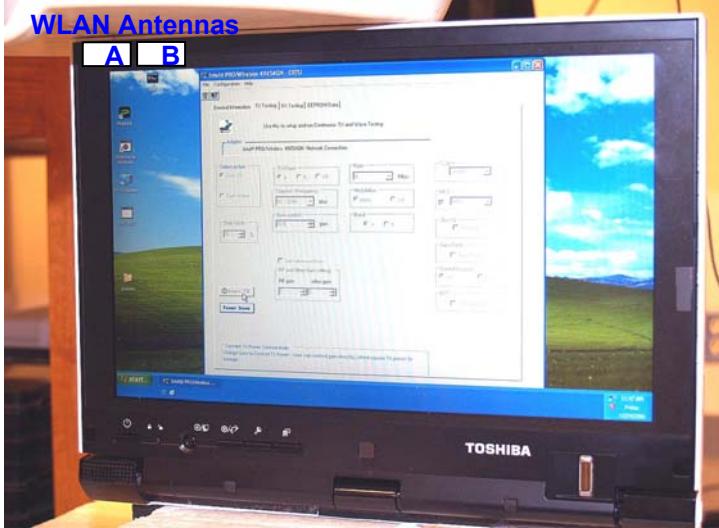


Notes:

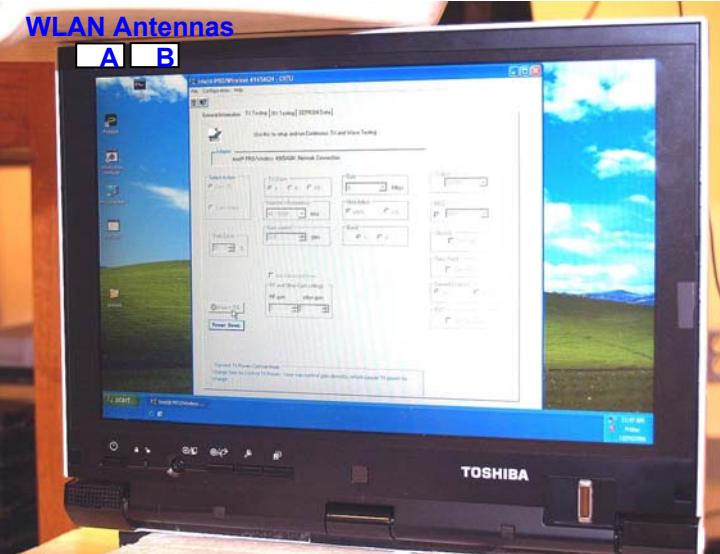
- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the 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 2.4GHZ - SECONDARY LANDSCAPE

1.4.1 ANTENNA A

				
802.11b				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.145	-0.045	0.147
11	2462			
802.11g				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412	0.199	-0.050	0.201
6	2437	0.237	-0.189	0.248
11	2462	0.175	-0.132	0.180
802.11n 20MHz BW				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.166	-0.175	0.173
11	2462			
Notes:				
<ol style="list-style-type: none"> 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. 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. Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT. 				

1.4.2 ANTENNA B

**802.11b**

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

802.11g

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

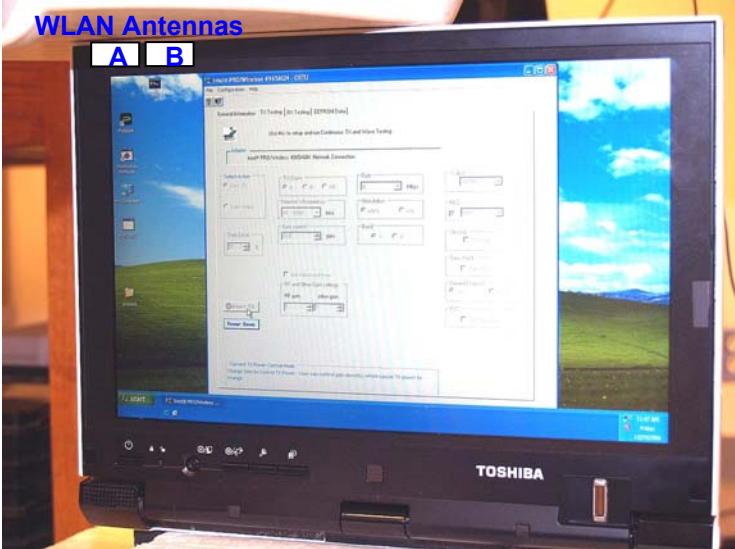
802.11n 20MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
1	2412			
6	2437	0.105	-0.140	0.108
11	2462			

Notes:

- 1) The exact method of extrapolation is 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 ¹⁾ SAR 1g (mW/g)
1	2412	0.125	-0.166	0.130
6	2437			
11	2462			
Notes:				
<ol style="list-style-type: none"> 1) The exact method of extrapolation is 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 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
54	5270	1.050	-0.148	1.086
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 & 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 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			
52	5260	0.121	0.000	0.121
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			
52	5260	0.130	0.000	0.130
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			
54	5270	0.137	-0.078	0.139
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			
52	5260	0.172	-0.150	0.178
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			
54	5270	0.130	-0.194	0.136
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.

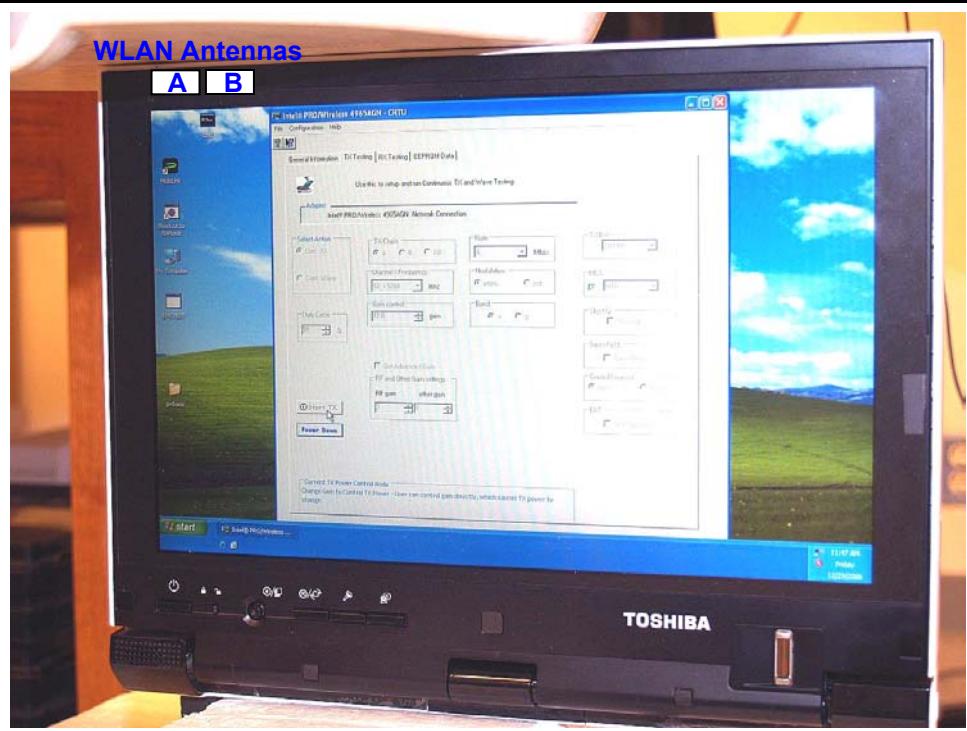


Notes:

- 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 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 ¹⁾ SAR 1g (mW/g)
36	5180			
52	5260	0.362	-0.156	0.375
64	5320			

802.11n 20MHz BW

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

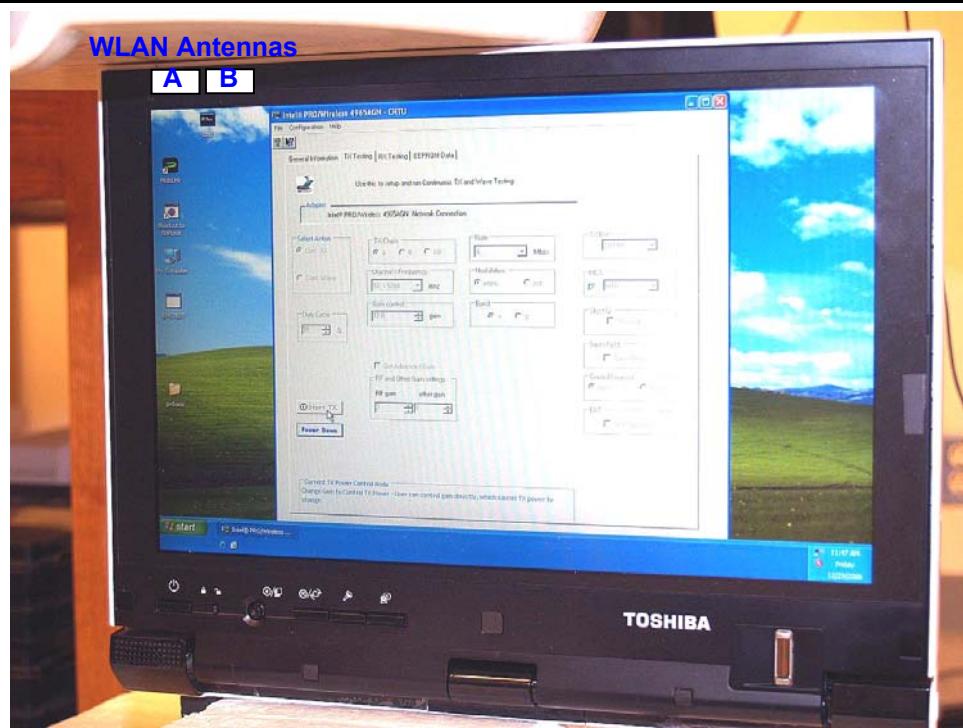
802.11n 40MHz BW

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
38	5190			
54	5270	0.378	-0.232	0.399
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 ¹⁾ SAR 1g (mW/g)
36	5180			
52	5260	0.278	0.000	0.278
64	5320			

802.11n 20MHz BW

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

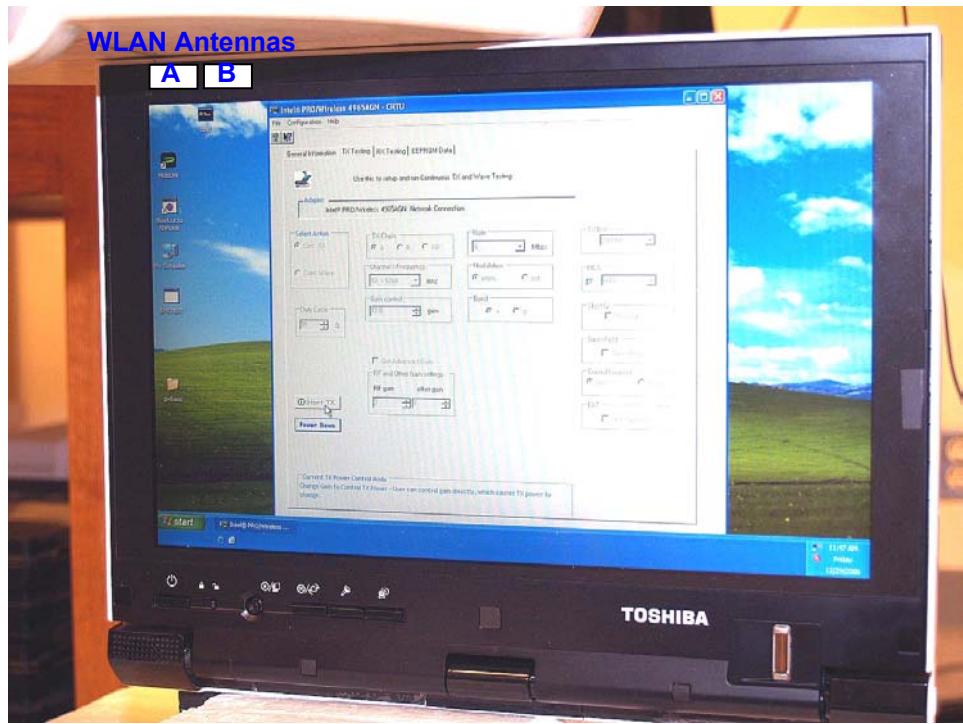
802.11n 40MHz BW

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

Notes:

- 1) The exact method of extrapolation is 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 ¹⁾ SAR 1g (mW/g)
36	5180			
52	5260	0.169	-0.114	0.173
64	5320			

802.11n MIMO 40MHz BW

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

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.

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 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			
157	5785	0.722	0.000	0.722
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			
157	5785	0.717	-0.196	0.750
165	5825			

802.11n 40MHz BW - Antenna A

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

Notes:

- 1) The exact method of extrapolation is 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 & 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			
157	5785	0.504	-0.108	0.517
165	5825			

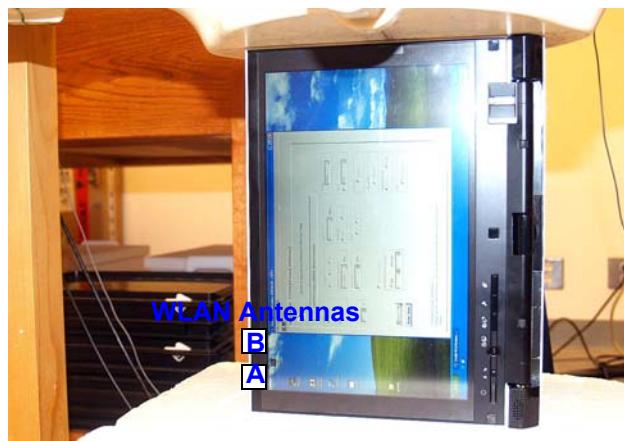
802.11n MIMO 40MHz BW

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			
157	5785	0.094	0.000	0.094
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			
157	5785	0.097	-0.182	0.101
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			
157	5785	0.099	-0.170	0.103
165	5825			

802.11n MIMO 40MHz BW

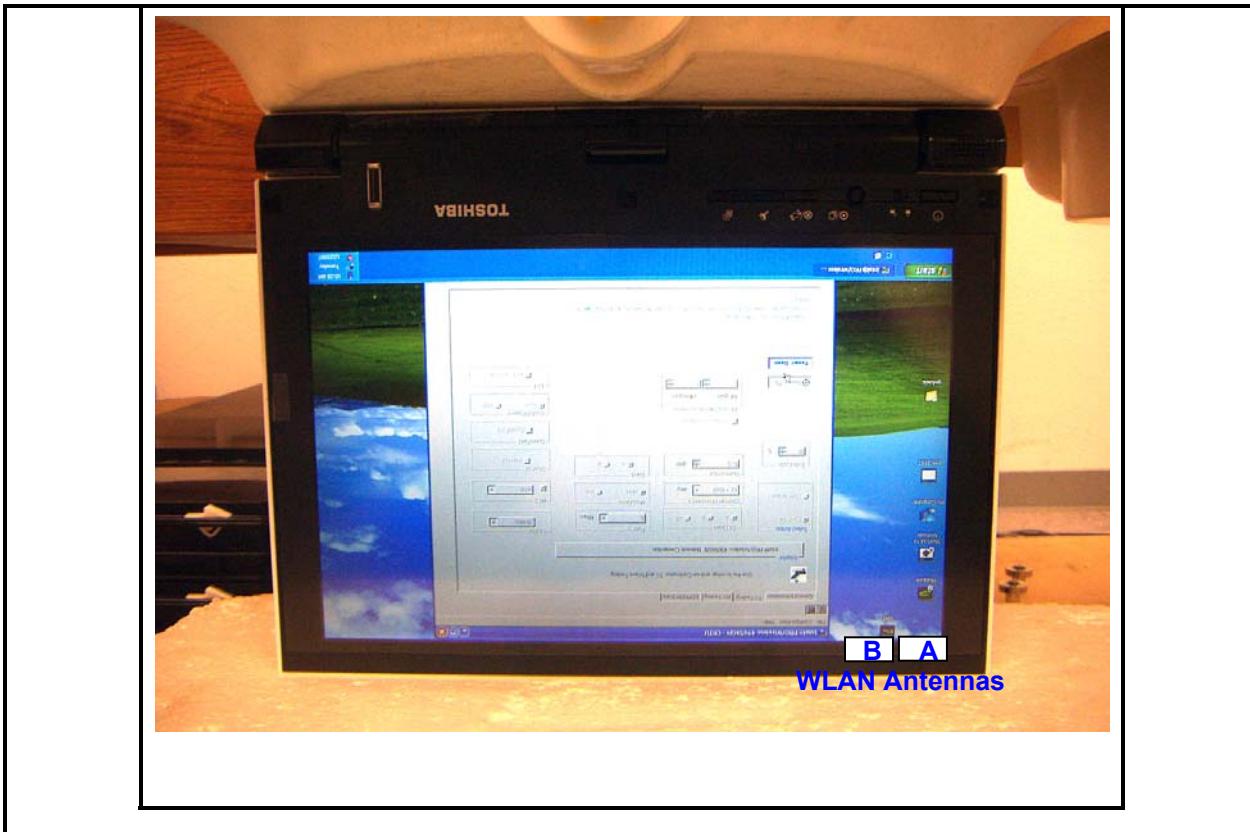
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
151	5755	0.075	-0.169	0.078
159	5795			

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

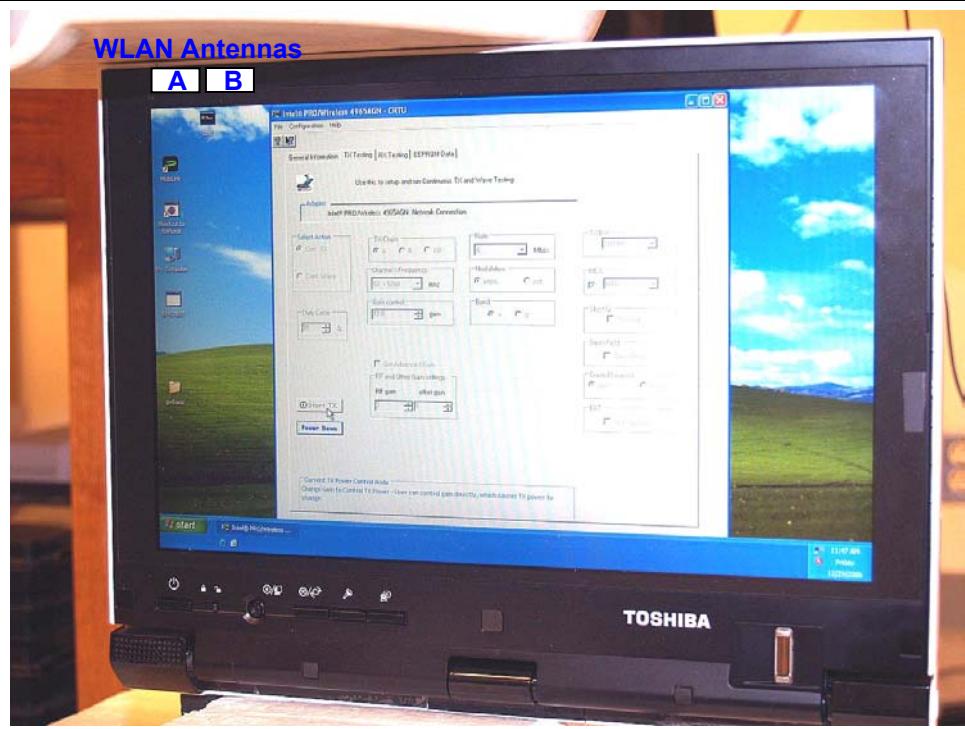
SAR tests are skipped since the SAR values are too low.

**Notes:**

- 1) The exact method of extrapolation is 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 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 ¹⁾ SAR 1g (mW/g)
149	5745			
157	5785	0.301	-0.173	0.313
165	5825			

802.11n 20MHz BW

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

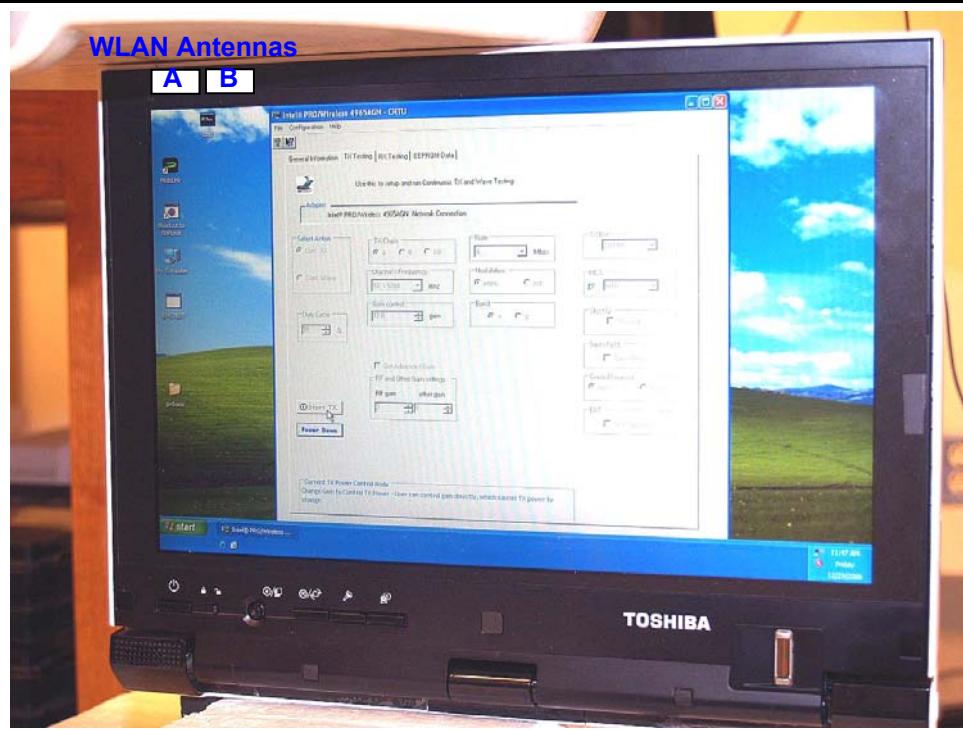
802.11n 40MHz BW

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

Notes:

- 1) The exact method of extrapolation is 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 ¹⁾ SAR 1g (mW/g)
149	5745			
157	5785	0.220	0.000	0.220
165	5825			

802.11n 20MHz BW

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

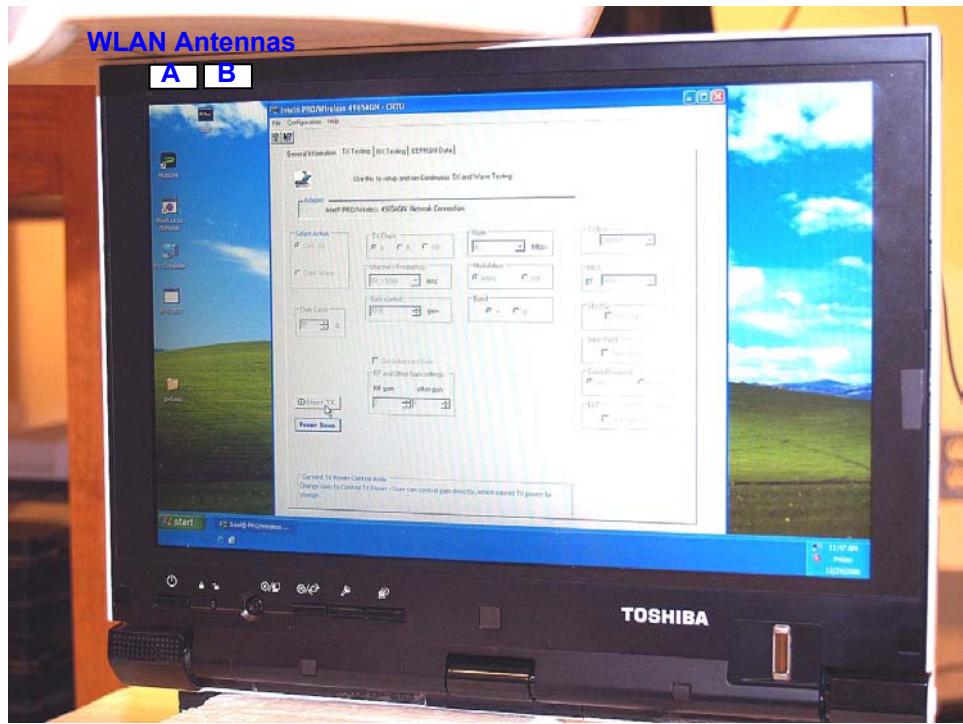
802.11n 40MHz BW

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

Notes:

- 1) The exact method of extrapolation is 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



1.15 5.8GHZ - 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.