

8 SAR MEASUREMENT RESULTS

8.1 CELL BAND

8.1.1 PRIMARY LANDSCAPE

This position is skipped since SAR values are too low.



8.1.2 SECONDARY LANDSCAPE

WWAN at this position is disabled.



8.1.3 PRIMARY PORTRAIT

GPRS 2 slots				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.039	-0.169	0.040
192	837.00			
251	848.80			
WCDMA 12.2k RMC				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
4132	826.40	0.022	0.000	0.022
4182	836.40			
4233	846.60			

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.

8.1.4 SECONDARY PORTRAIT

GPRS 2 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.218	0.000	0.218
192	837.00			
251	848.80			

WCDMA 12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
4132	826.40	0.147	-0.174	0.153
4182	836.40			
4233	846.60			

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.
- 4) Collocation with Bluetooth Module.

8.1.5 LAP HELD**8.1.5.1 1-4 SLOTS****GPRS 1 slot**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.184	-0.009	0.184
192	837.00			
251	848.80			

GPRS 2 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.334	-0.011	0.335
192	837.00			
251	848.80	0.380	-0.218	0.400
192 ⁴⁾	837.00			

GPRS 3 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.276	-0.012	0.277
192	837.00			
251	848.80			

GPRS 4 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.169	-0.138	0.174
192	837.00			
251	848.80			

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.
- 4) Collocation with Bluetooth Module.

8.1.5.2 EGPRS & WCDMA**EGPRS 4 slots**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
128	824.20	0.167	-0.108	0.171
192	837.00			
251	848.80			

WCDMA 12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
4132	826.40	0.224	-0.176	0.233
4182	836.40			
4233	846.60			

WCDMA 12.2k RMC +HSDPA

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
4132	826.40	0.218	-0.196	0.228
4182	836.40			
4233	846.60			

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 PCS BAND

8.2.1 PRIMARY LANDSCAPE



GPRS 4 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.002	-0.192	0.006
661	1880.00			
810	1909.80			

WCDMA 12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.006	-0.125	0.006
9400	1880.00			
9538	1907.60			

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.

8.2.2 SECONDARY LANDSCAPE

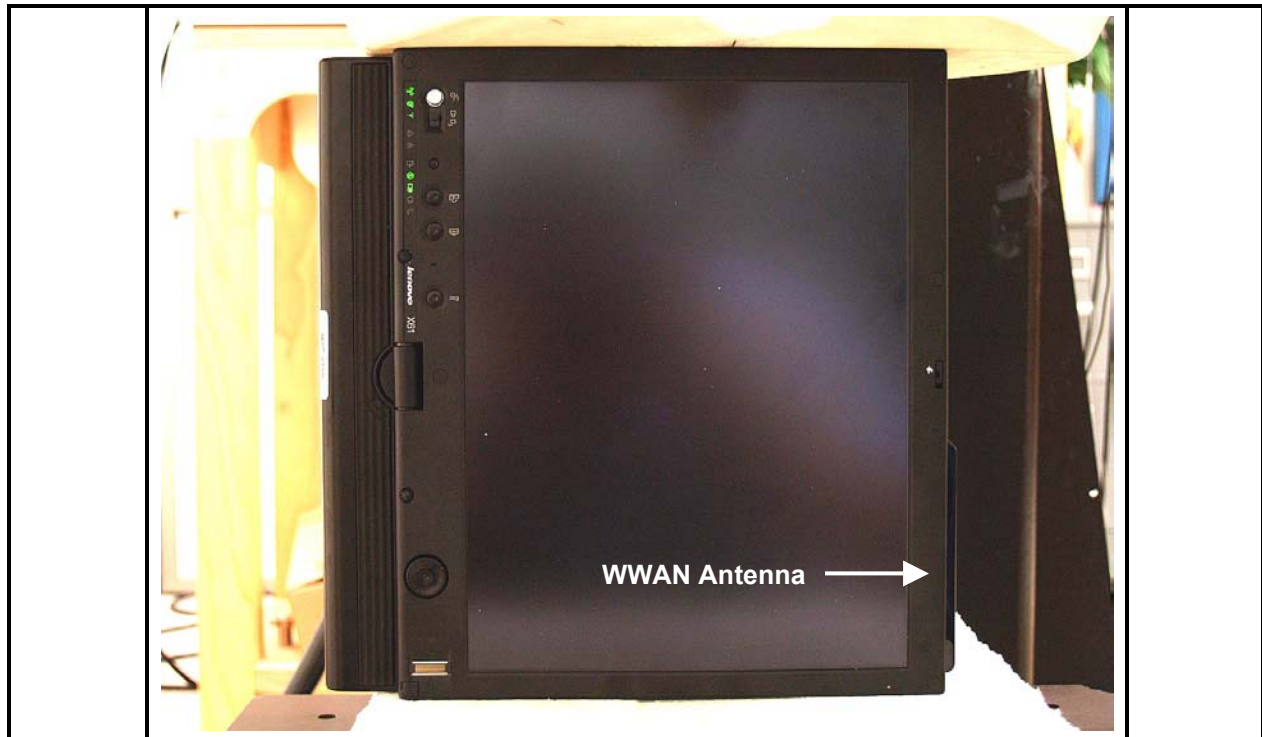
WWAN at this position is disabled.



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.

8.2.3 PRIMARY PORTRAIT

**GPRS 4 slots**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.242	0.000	0.242
661	1880.00			
810	1909.80			

WCDMA 12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.160	0.000	0.160
9400	1880.00			
9538	1907.60			

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.

8.2.4 SECONDARY PORTRAIT**8.2.4.1 1-4 SLOTS**

GPRS 1 slot				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.146	0.000	0.146
661	1880.00			
810	1909.80			
GPRS 2 slots				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.273	0.000	0.273
661	1880.00			
810	1909.80			
GPRS 3 slots				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.402	0.000	0.402
661	1880.00			
810	1909.80			
GPRS 4 slots				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.501	0.000	0.501
661	1880.00			
810	1909.80			
810 ⁴⁾	1909.80	0.512	0.000	0.512

Notes:

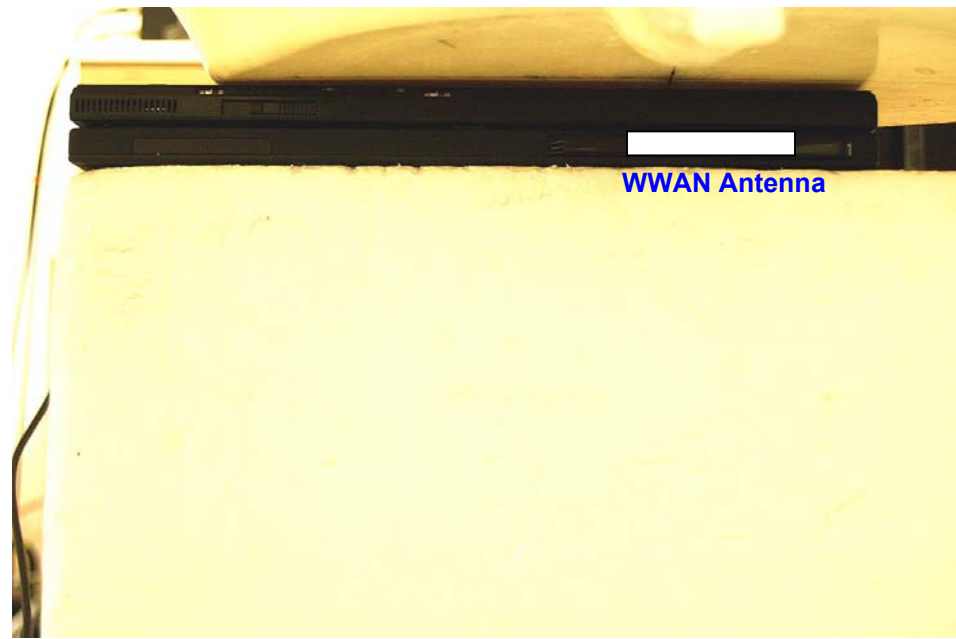
- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the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

8.2.4.2 EGPRS & WCDMA

EGPRS 4 slots				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.291	0.000	0.291
661	1880.00			
810	1909.80			
WCDMA 12.2k RMC				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.337	0.000	0.337
9400	1880.00			
9538	1907.60			
WCDMA 384k RMC				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.385	0.000	0.385
9400	1880.00			
9538	1907.60			
WCDMA 12.2k RMC +HSDPA				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.326	0.827	0.269
9400	1880.00			
9538	1907.60			

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 LAP HELD**GPRS 4 slots**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
512	1850.20	0.283	-0.179	0.295
661	1880.00			
810	1909.80			

WCDMA 12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated ¹⁾ SAR 1g (mW/g)
9262	1852.40	0.177	-0.110	0.182
9400	1880.00			
9538	1907.60			

Notes:

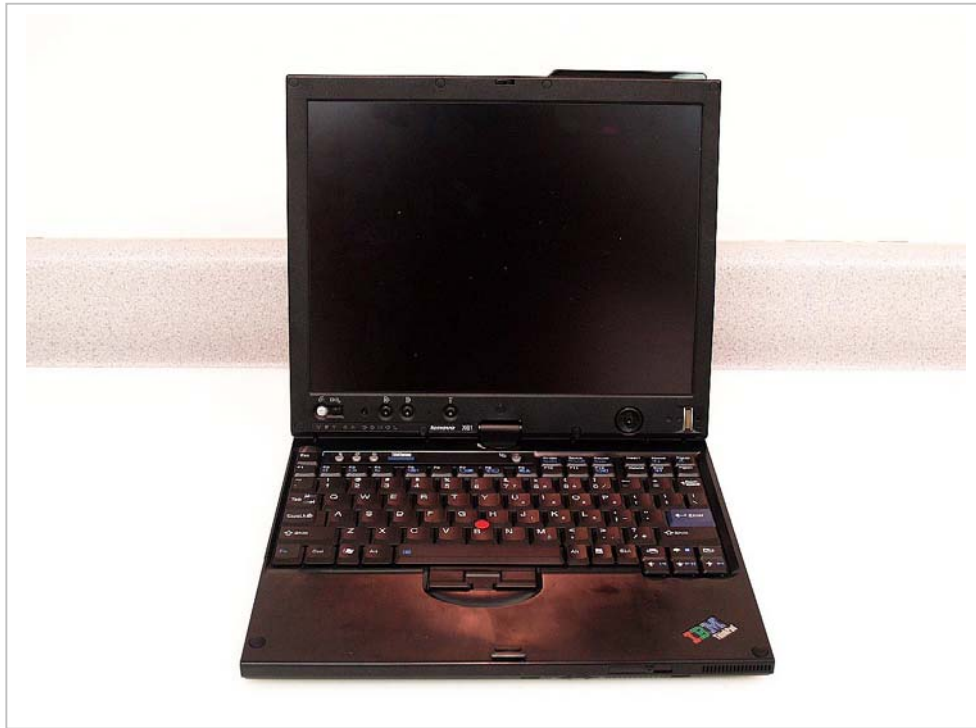
- 1) The exact method of extrapolation is $\text{Measured SAR} \times 10^{(-\text{drift}/10)}$. The SAR reported at the end of the measurement process by the DASY4 system can be scaled up by the Power drift to determine the SAR at the beginning of the measurement process.
- 2) The SAR measured at the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

11 PHOTOS

DUT



Lenovo ThinkPad X61 Tablet Series



Antenna Location



DUT Location

