

## 8 SAR MEASUREMENT RESULTS

### 8.1 CELL BAND

#### 8.1.1 PRIMARY LANDSCAPE

A photograph of a black mobile phone with a red antenna cover. A white arrow points to the antenna, labeled 'WWAN Antenna'.

CDMA2000 1XRTT				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.013	0.000	0.013
384	836.52			
777	848.31			
CDMA2000 1XEVD0 Rel 0				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.013	0.000	0.013
384	836.52			
777	848.31			
CDMA2000 1XEVD0 Rev A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.013	0.000	0.013
384	836.52			
777	848.31			

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.

### 8.1.2 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.

## 8.1.3 PRIMARY PORTRAIT

CDMA2000 1XRTT				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.043	-0.162	0.045
384	836.52			
777	848.31			
CDMA2000 1XEVD0 Rel 0				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.039	-0.134	0.040
384	836.52			
777	848.31			
CDMA2000 1XEVD0 Rev A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.045	-0.170	0.047
384	836.52			
777	848.31			

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**

**CDMA2000 1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.189	0.000	0.189
384	836.52			
777	848.31			

**CDMA2000 1XEVD0 Rel 0**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.177	0.000	0.177
384	836.52			
777	848.31			

**CDMA2000 1XEVD0 Rev A**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.177	0.000	0.177
384	836.52			
777	848.31			

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 LAP HELD****CDMA2000 1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.297	0.000	0.297
384	836.52			
777	848.31			

**CDMA2000 1XEVDO Rel 0**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.302	-0.076	0.307
<b>384</b>	<b>836.52</b>	<b>0.307</b>	<b>0.000</b>	<b>0.307</b>
777	848.31	0.232	0.000	0.232
<b>384<sup>4)</sup></b>	<b>836.52</b>	<b>0.280</b>	<b>0.282</b>	<b>0.262</b>

**CDMA2000 1XEVDO Rev A**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
1013	824.70	0.230	-0.252	0.244
384	836.52			
777	848.31			

**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 PCS BAND

### 8.2.1 PRIMARY LANDSCAPE



#### CDMA2000 1XRTT

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.008	0.000	0.008
1175	1908.75			

#### CDMA2000 1xEVDO Rel 0

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.015	-0.193	0.016
1175	1908.75			

#### CDMA2000 1xEVDO Rev A

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.013	0.000	0.013
1175	1908.75			

#### 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

**CDMA 2000 1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.212	0.000	0.212
1175	1908.75			

**CDMA 2000 1xEVDO Rel 0**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.205	-0.002	0.205
1175	1908.75			

**CDMA 2000 1xEVDO Rev A**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25			
600	1880.00	0.214	-0.045	0.216
1175	1908.75			

## 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

CDMA2000 1XRTT				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.295	0.000	0.295
600	1880.00	0.290	0.000	0.290
1175	1908.75	0.187	0.000	0.187
25 <sup>4)</sup>	1851.25	0.305	0.000	0.305
CDMA2000 1XEVD0 Rel 0				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.266	-0.143	0.275
600	1880.00			
1175	1908.75			
CDMA2000 1XEVD0 Rev A				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.267	-0.177	0.278
600	1880.00			
1175	1908.75			

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.

**8.2.5 LAP HELD****CDMA2000 1XRTT**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.233	-0.513	0.262
600	1880.00			
1175	1908.75			

**CDMA2000 1XEVDO Rel 0**

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.235	-0.194	0.246
600	1880.00			
1175	1908.75			

**CDMA2000 1XEVDO Rev A**

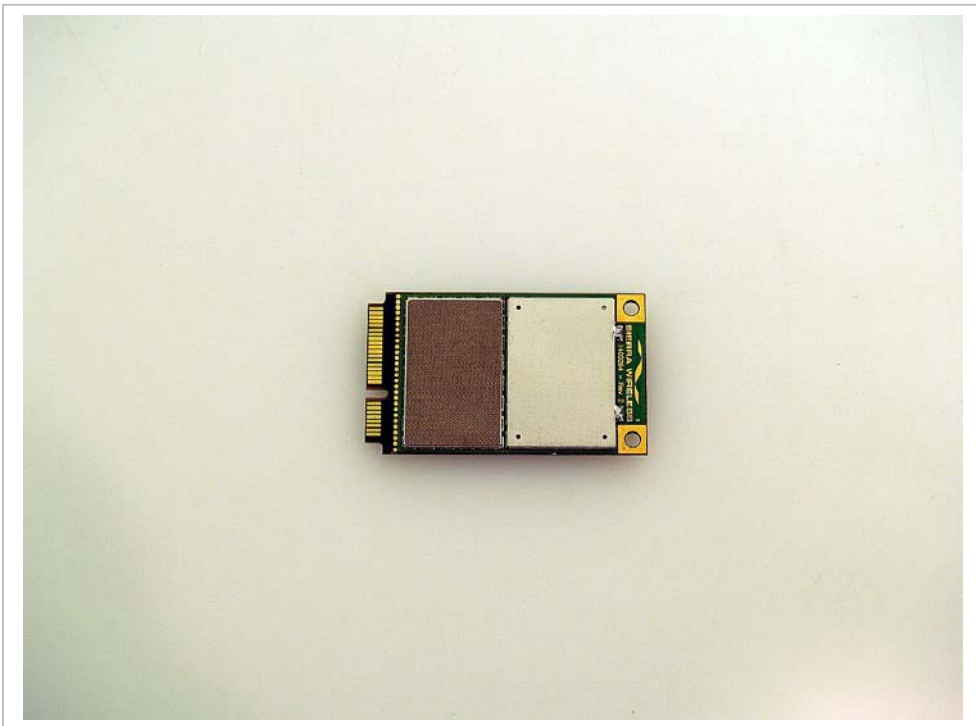
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
25	1851.25	0.244	-0.190	0.255
600	1880.00			
1175	1908.75			

**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**

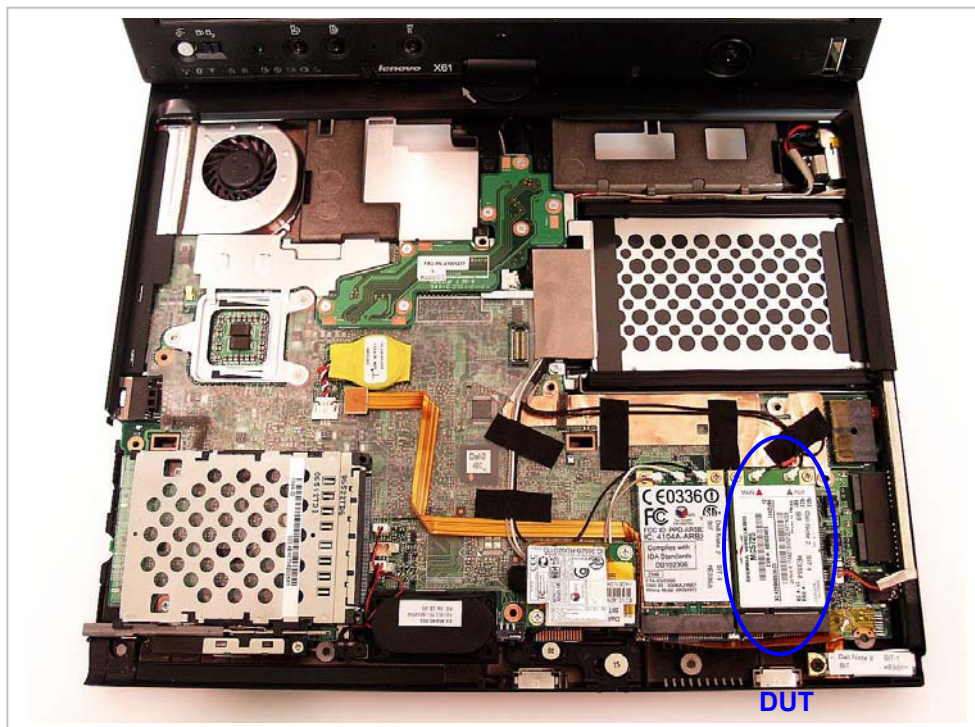
DUT



Lenovo ThinkPad X61 Tablet Series



DUT Location



Antenna Location

