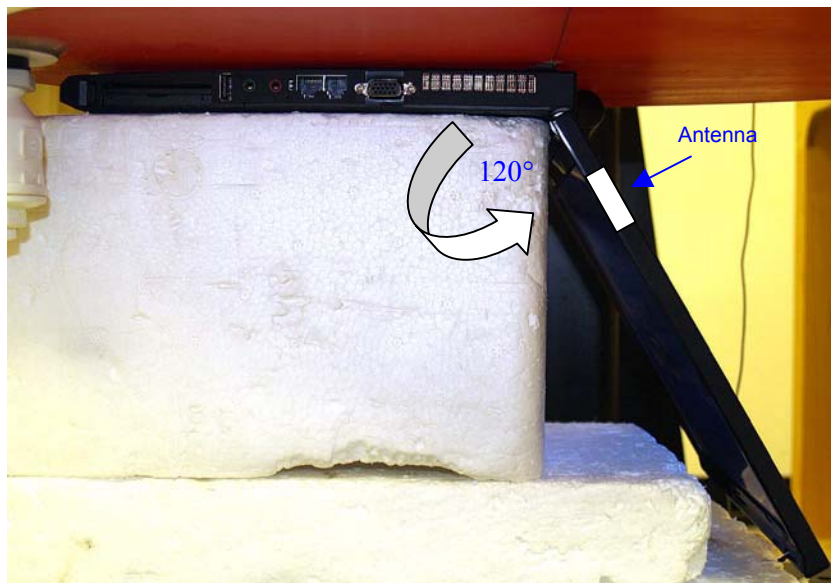## 8   SAR MEASURMENT RESULTS

8.1   CELL BAND

8.1.1   GPRS 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			
192	837.00	0.061	0.000	0.061
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	0.100	0.000	0.100
192	837.00	0.116	0.000	0.116
251	**848.80**	**0.135**	**0.000**	**0.135**
251 [4]	**848.80**	**0.135**	**0.000**	**0.135**

GPRS 3 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
128	824.20			
192	837.00	0.090	0.000	0.090
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			
192	837.00	0.064	0.000	0.064
251	848.80			

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
3) Collocation with Bluetooth Module.

8.1.2   EGPRS, WCDMA, & WCDMA + HSDPA
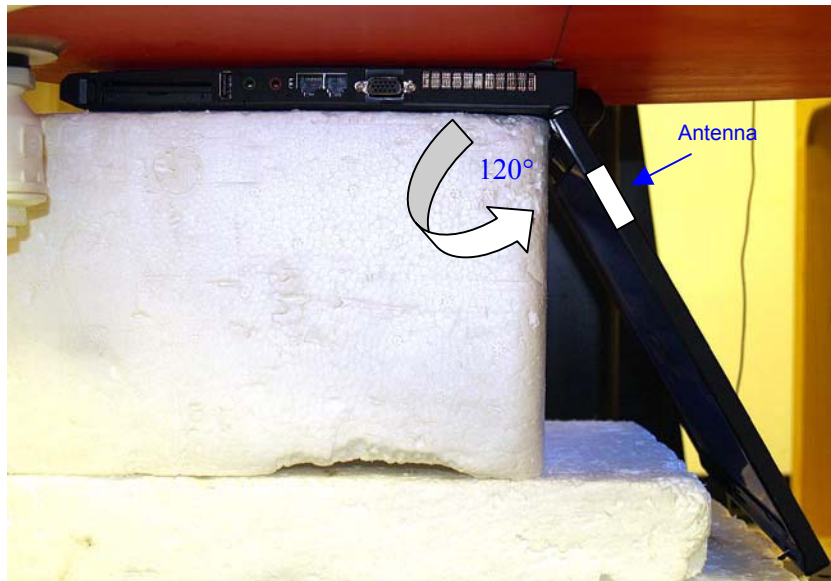
EGPRS 2 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
128	824.20			
192	837.00	0.042	0.000	0.042
251	848.80			

WCDMA12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
4132	826.40			
4182	836.40	0.084	0.000	0.084
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			
4182	836.40	0.083	-0.062	0.084
4233	846.60			

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)   Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
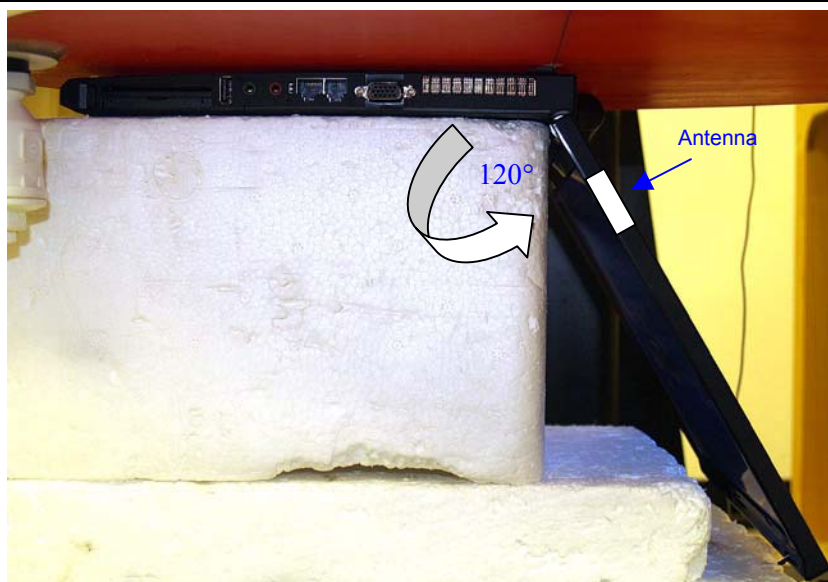
8.2   PCS BAND

8.2.1   GPRS 1-4 SLOTS

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
512	1850.20			
661	1880.00	0.047	-0.001	0.047
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			
661	1880.00	0.088	-0.035	0.088
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			
661	1880.00	0.127	0.000	0.127
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	0.176	-0.034	0.177
661	**1880.00**	**0.180**	**-0.004**	**0.180**
810	1909.80	0.156	-0.036	0.157
661 [3]	**1880.00**	**0.179**	**-0.168**	**0.186**

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)   Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
3)   Collocation with Bluetooth Module.

8.2.2   EGPRS, WCDMA, & WCDMA + HSDPA

EGPRS 2 slots

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
512 661 810	1850.20 1880.00 1909.80	0.105	-0.082	0.107

WCDMA12.2k RMC

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
9262 9400 9538	1852.40 1880.00 1907.60	0.112	-0.038	0.113

WCDMA 384k RMC [3]

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
9262 9400 9538	1852.40 1880.00 1907.60	0.111	0.000	0.111

WCDMA 12.2k + HSDPA

Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated[1] SAR 1g (mW/g)
9262 9400 9538	1852.40 1880.00 1907.60	0.108	0.000	0.108

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) Please see attachments for the detailed measurement data and plots showing the maximum SAR location of the EUT.
3) This mode is tested since the power level is ¼ dB higher than 12.2k RMC mode.
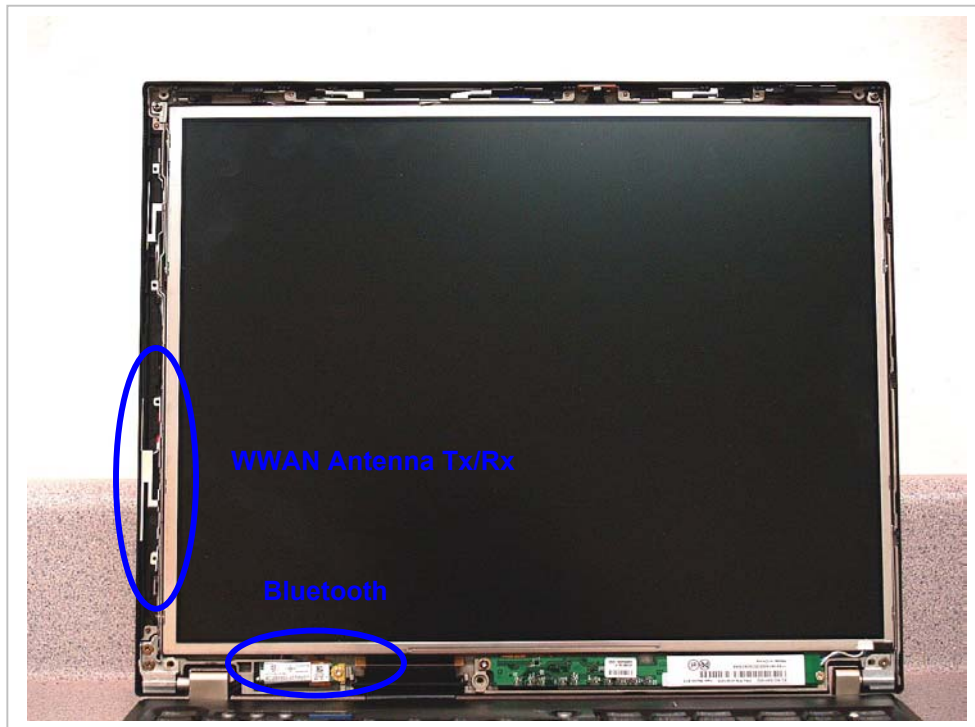
11   PHOTOS

DUT
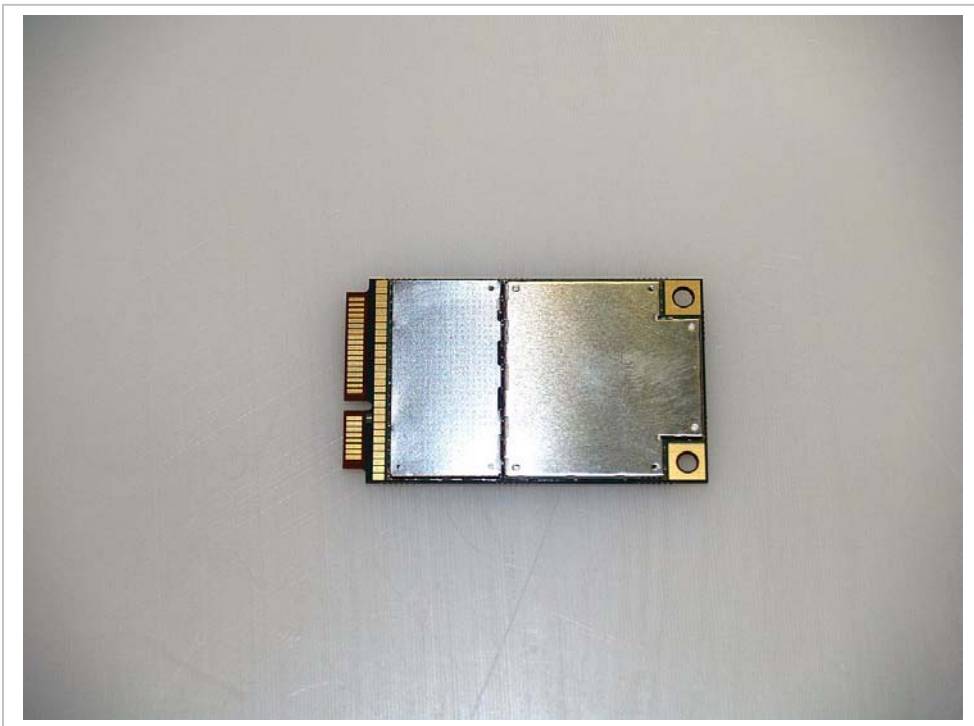
Host Laptop: Lenovo - ThinkPad T61 14.1-inch

Antenna location

DUT Location