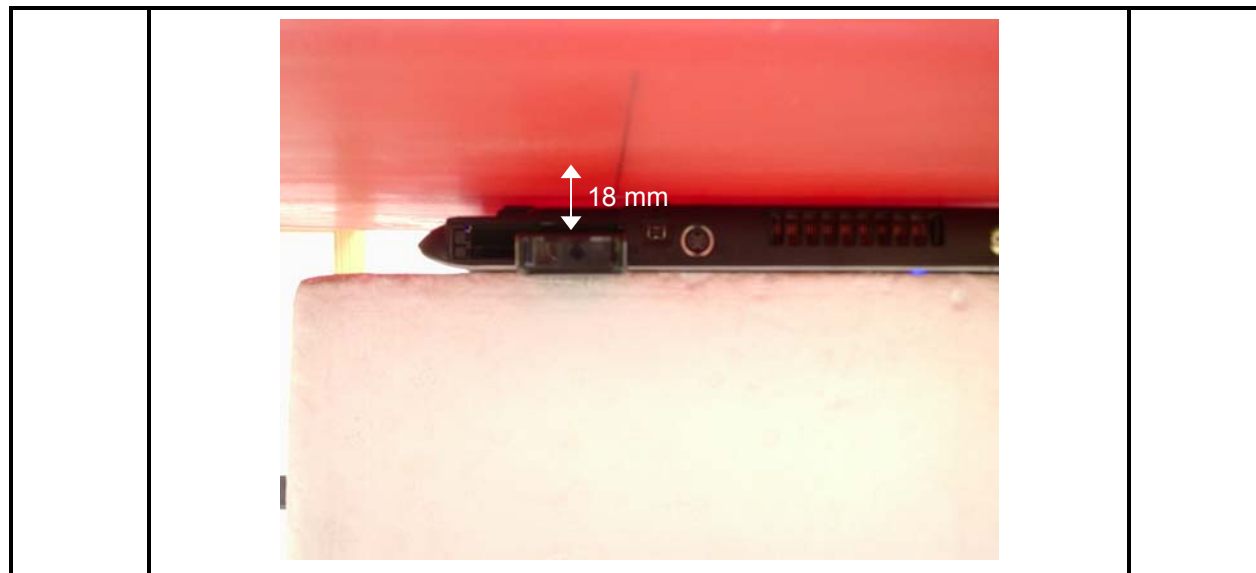


**8 SAR MEASUREMENT RESULTS**

**8.1 CELL BAND**

**8.1.1 HOST DEVICE - TOSHIBA**

This host was chosen for the full investigation due to its highest GPRS 2 Slots measurement

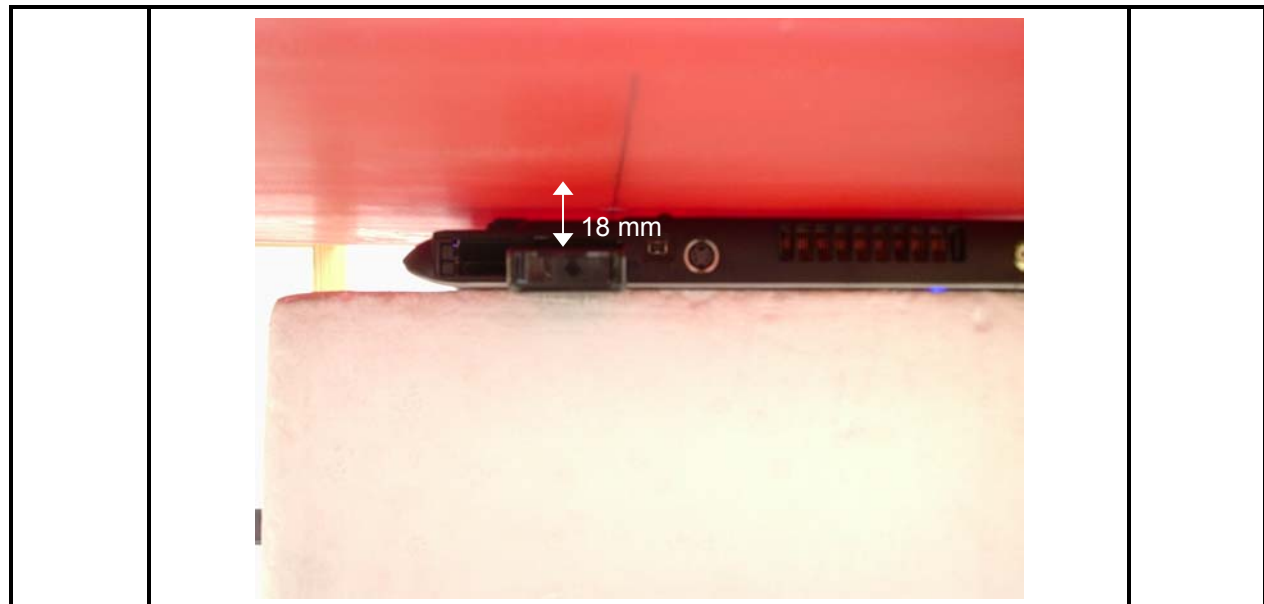


<b>GPRS 1 Slot</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated1) SAR 1g (mW/g)
128	824.2			0.000
192	837.0	0.497	-0.054	0.503
251	848.8			0.000
<b>GPRS 2 Slots</b>				
<b>128</b>	<b>824.2</b>	<b>0.947</b>	<b>0.000</b>	<b>0.947</b>
192	837.0	0.868	-0.015	0.871
251	848.8	0.820	0.000	0.820
<b>GPRS 3 Slots</b>				
128	824.2			0.000
192	837.0	0.669	-0.041	0.675
251	848.8			0.000
<b>GPRS 4 Slots</b>				
128	824.2			0.000
192	837.0	0.465	-0.059	0.471
251	848.8			0.000

Notes:

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

**HOST DEVICE - TOSHIBA**

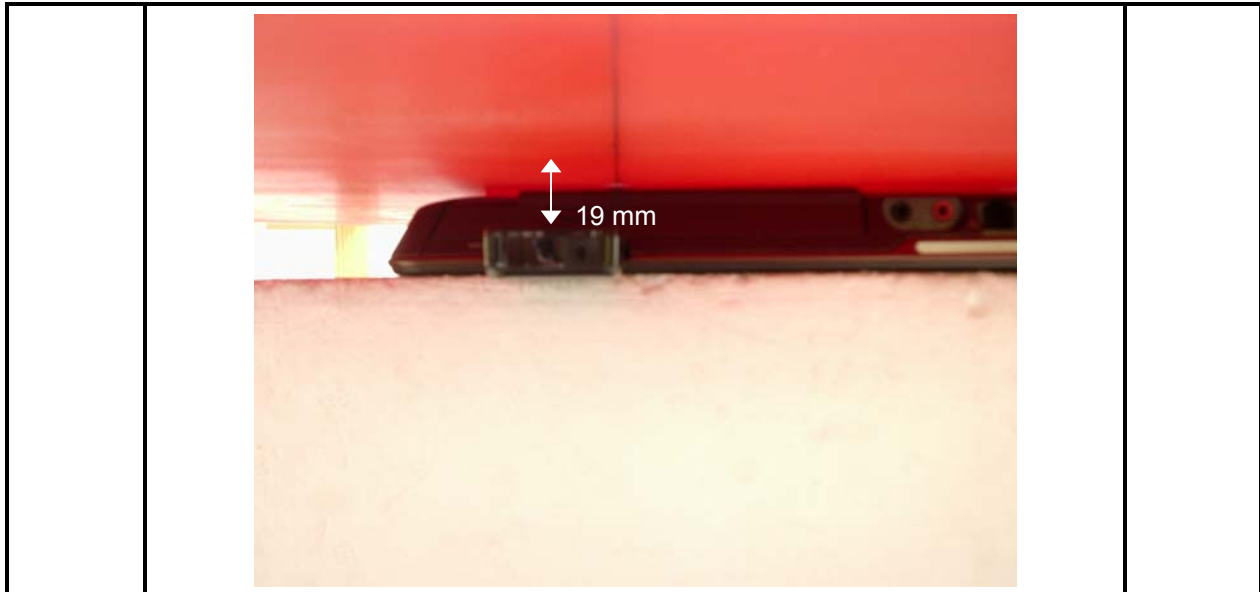


<b>EGPRS 4 Slot</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
128	824.2	0.444	-0.057	0.000
192	837.0			0.450
251	848.8			0.000
<b>WCDMA</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
4132	826.40	0.330	0.000	0.000
4182	836.40			0.330
4233	846.60			0.000
<b>HSDPA</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated <sup>1)</sup> SAR 1g (mW/g)
4132	826.40	0.348	0.000	0.000
4182	836.40			0.348
4233	846.60			0.000

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 HOST DEVICE - SONY**

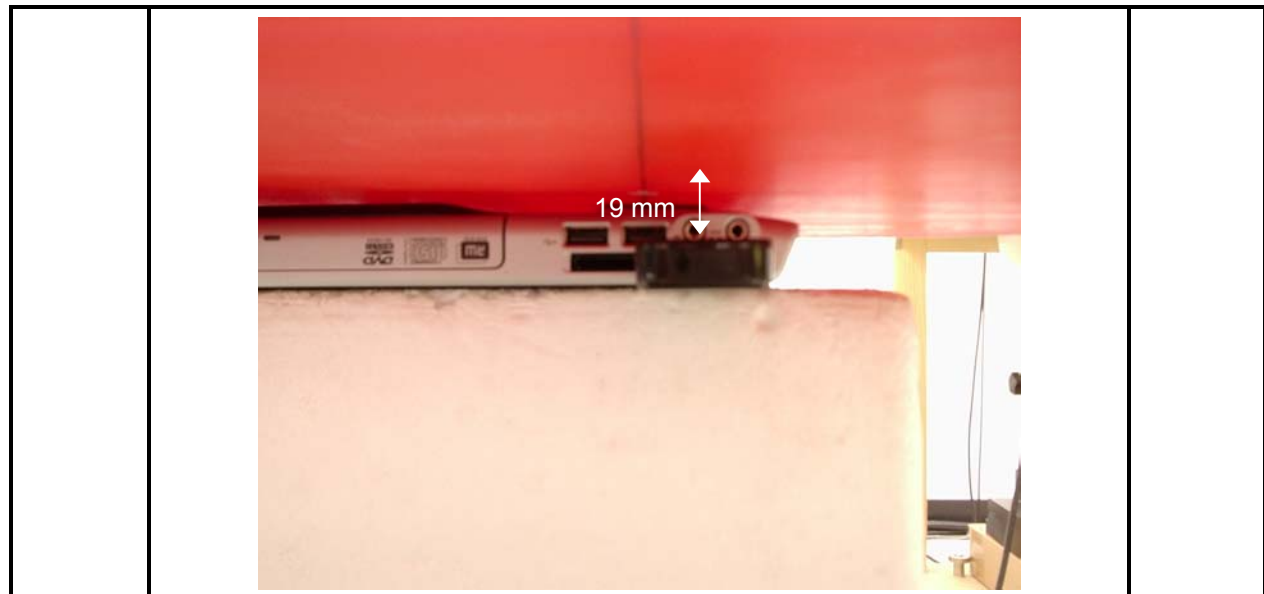


<b>GPRS 2 Slot</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
128	824.2	0.604	-0.154	0.000
192	837.0			0.626
251	848.8			0.000
<b>HSDPA</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
4132	826.40	0.217	0.000	0.000
4182	836.40			0.217
4233	846.60			0.000

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 HOST DEVICE - HP



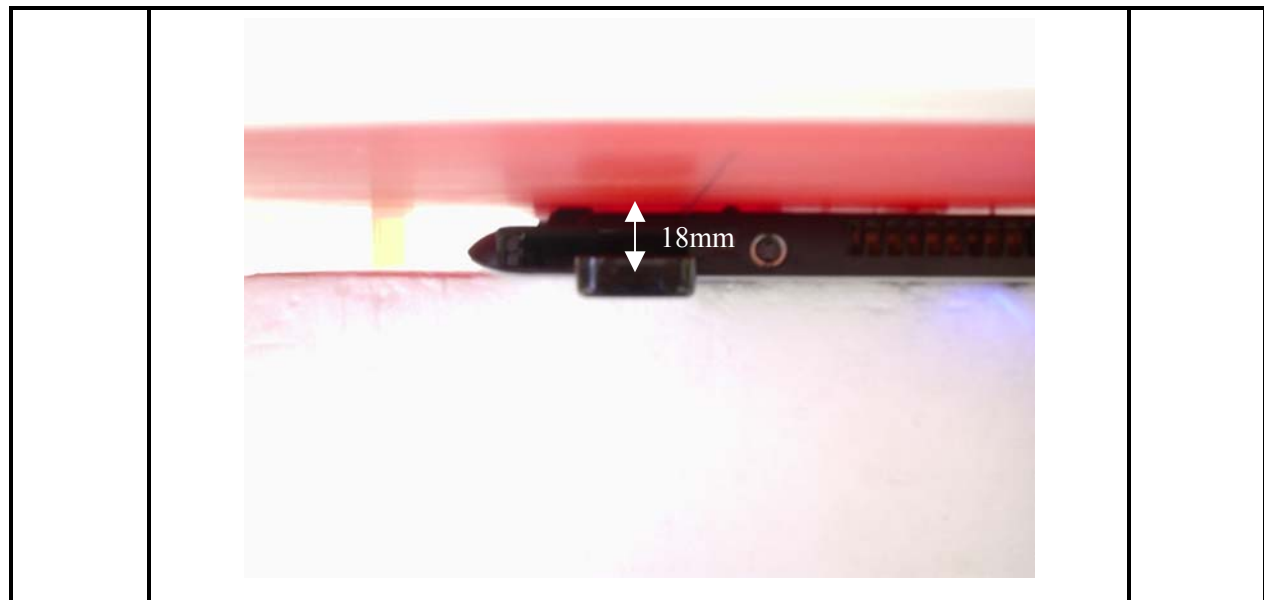
<b>GPRS 2 Slot</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
128	824.2	0.727	-0.117	0.000
192	837.0			0.747
251	848.8			0.000
<b>HSDPA</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
4132	826.40	0.274	0.000	0.000
4182	836.40			0.274
4233	846.60			0.000

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 HOST DEVICE - TOSHIBA



<b>GPRS 4 Slots</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
512	1850.2			0.000
661	1880.0	0.551	-0.147	0.570
810	1909.8			0.000
<b>EGPRS 4 Slots</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
9262	1852.4			0.000
9400	1880.0	0.320	-0.182	0.334
9538	1907.4			0.000
<b>WCDMA</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
9262	1852.4			0.000
9400	1880.0	0.473	0.000	0.473
9538	1907.4			0.000
<b>HSDPA</b>				
Channel	f (MHz)	Measured SAR 1g (mW/g)	Power Drift (dB)	Extrapolated(1) SAR 1g (mW/g)
9262	1852.4			0.000
9400	1880.0	0.493	0.000	0.493
9538	1907.4			0.000

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 HOST DEVICE - HP**

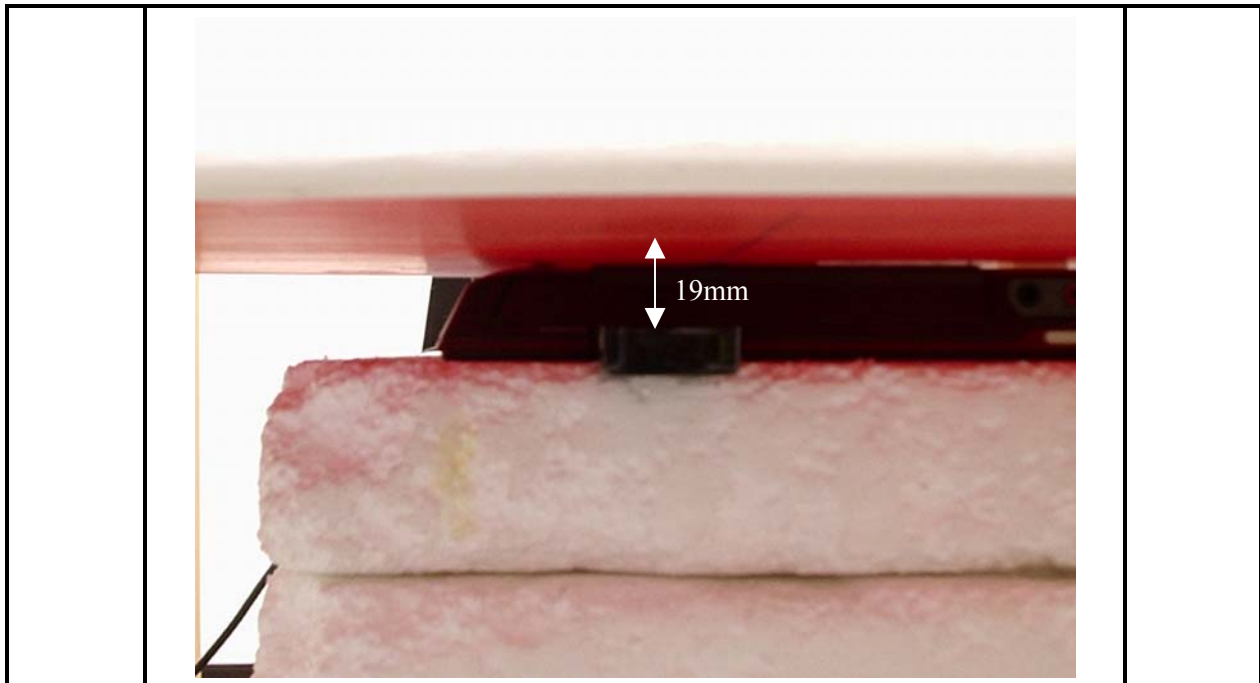


<b>GPRS 4 Slots</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
512	1850.2	0.794	0.000	0.794
661	1880.0	0.702	0.000	0.702
810	1909.8	0.666	0.000	0.666
<b>HSDPA</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
9262	1852.4			0.000
9400	1880.0	0.548	0.000	0.548
9538	1907.4			0.000

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 HOST DEVICE - SONY**



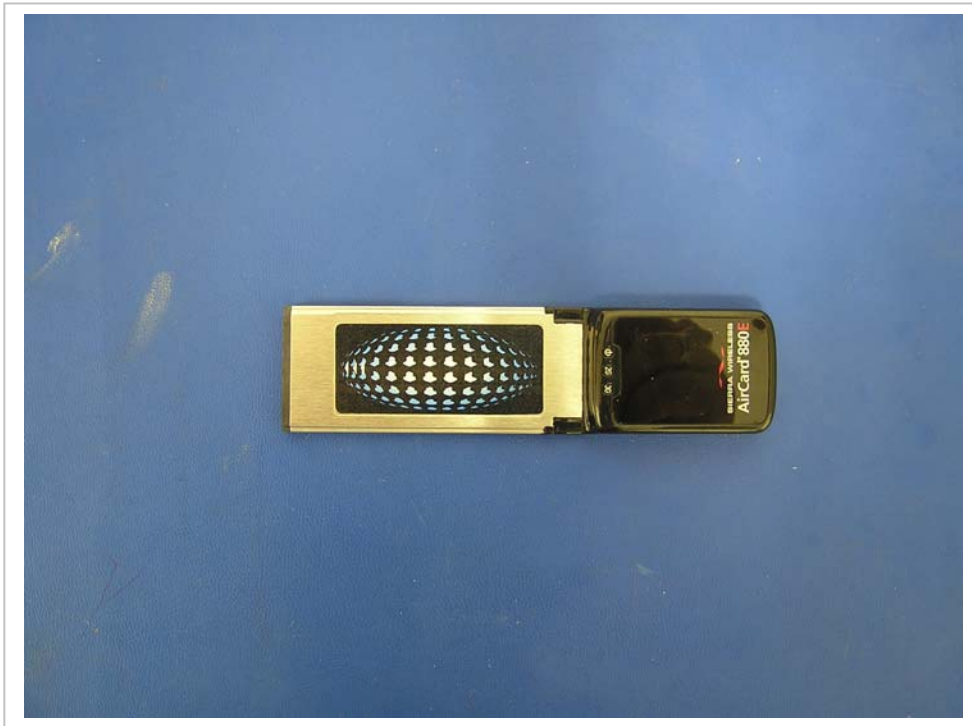
<b>GPRS 4 Slots</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
512	1850.2			0.000
661	1880.0	0.583	-0.106	0.597
810	1909.8			0.000
<b>HSDPA</b>				
<b>Channel</b>	<b>f (MHz)</b>	<b>Measured SAR 1g (mW/g)</b>	<b>Power Drift (dB)</b>	<b>Extrapolated<sup>1)</sup> SAR 1g (mW/g)</b>
9262	1852.4			0.000
9400	1880.0	0.397	0.000	0.397
9538	1907.4			0.000

Notes:

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

EUT - AirCard 880E





**Host Device – HP Pavilion dv8000**



**Host Device – Sony VGN-C140G**



**Host Device – Toshiba PSAA8U-14N02K**

