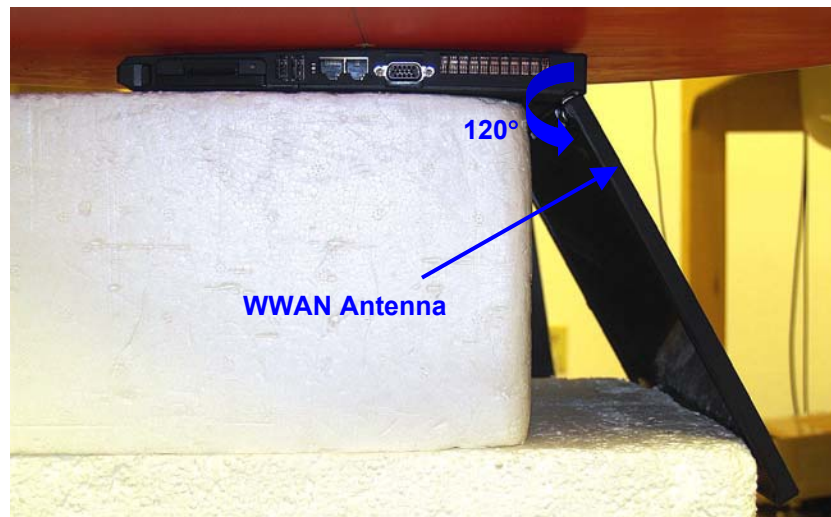


8 SAR MEASUREMENT RESULTS

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 | 0.036 | 0.000 | 0.036 |
| 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 | 0.053 | 0.000 | 0.053 |
| 192 | 837.00 | 0.062 | -0.020 | 0.062 |
| 251 | 848.80 | 0.079 | -0.130 | 0.081 |
| 251⁴⁾ | 848.80 | 0.079 | 0.000 | 0.079 |

GPRS 3 slots

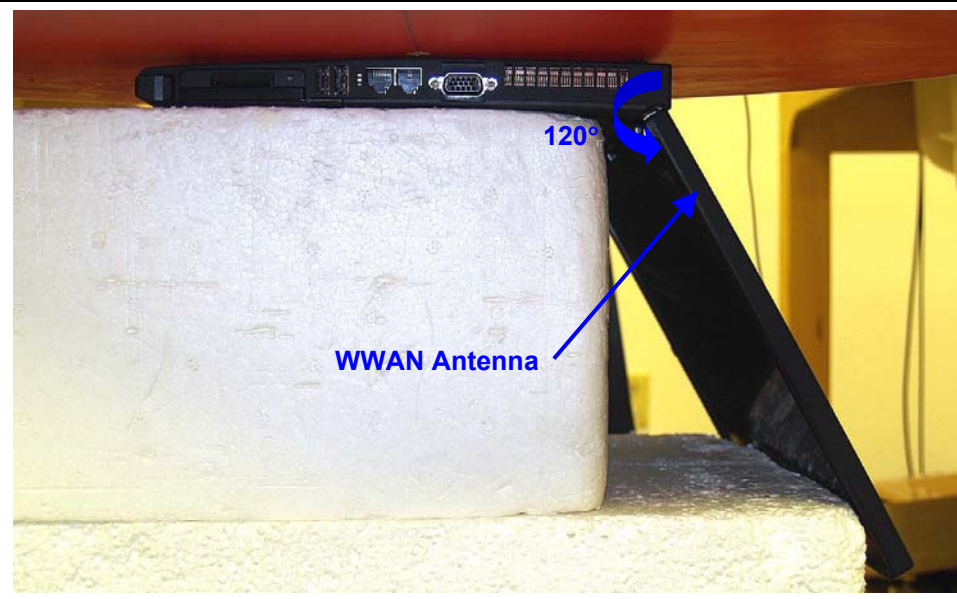
| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 128 | 824.20 | 0.049 | -0.195 | 0.051 |
| 192 | 837.00 | | | |
| 251 | 848.80 | | | |

GPRS 4 slots

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 128 | 824.20 | 0.037 | -0.113 | 0.038 |
| 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) 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 | 0.030 | -0.142 | 0.031 |
| 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 | 0.053 | 0.000 | 0.053 |
| 4182 | 836.40 | | | |
| 4233 | 846.60 | | | |

WCDMA 12.2k RMC+ HSDPA

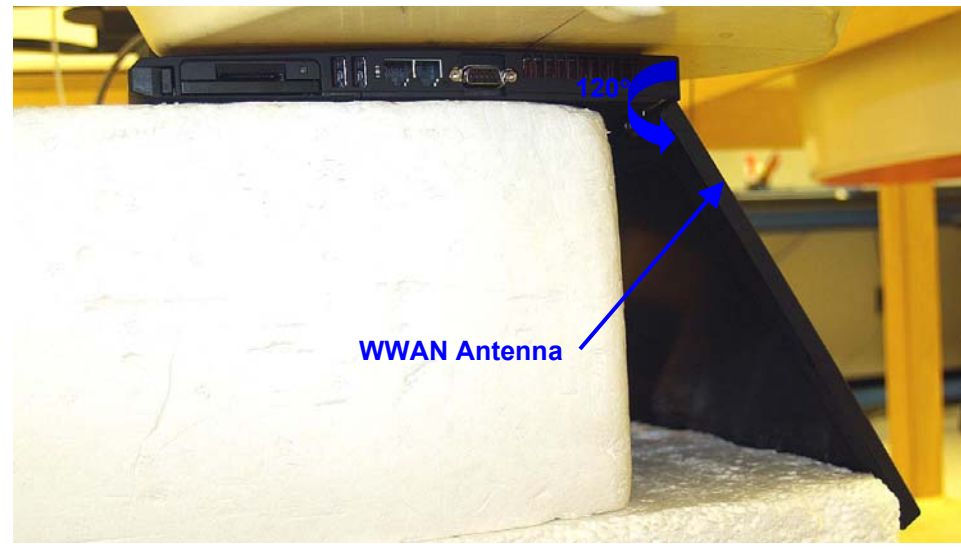
| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 4132 | 826.40 | 0.049 | -0.176 | 0.051 |
| 4182 | 836.40 | | | |
| 4233 | 846.60 | | | |

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) 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



GPRS 1 slot

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 512 | 1850.20 | 0.035 | 0.000 | 0.035 |
| 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 | 0.053 | -0.122 | 0.054 |
| 661 | 1880.00 | | | |
| 810 | 1909.80 | | | |

GPRS 3 slots

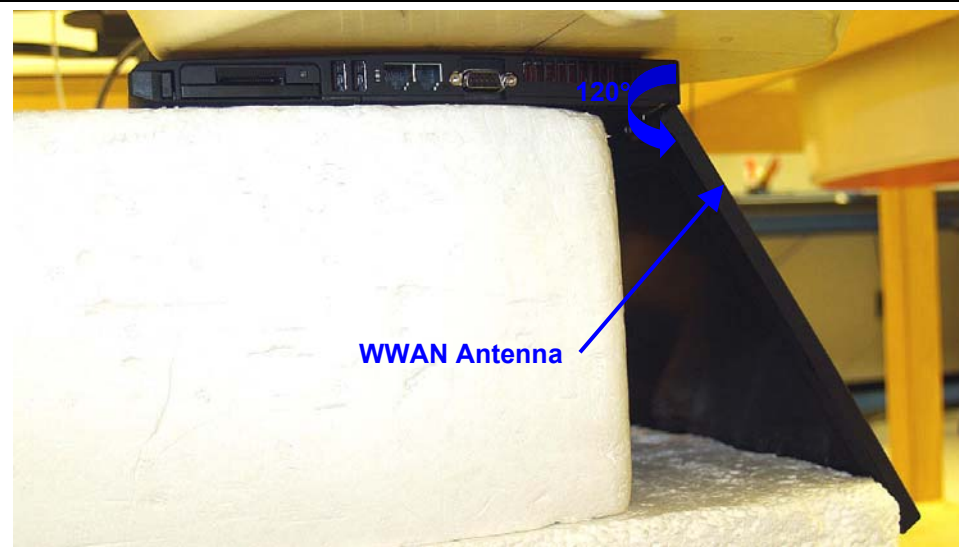
| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 512 | 1850.20 | 0.070 | 0.000 | 0.070 |
| 661 | 1880.00 | | | |
| 810 | 1909.80 | | | |

GPRS 4 slots

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|-------------------------|----------------|---------------------------|---------------------|---|
| 512 | 1850.20 | 0.091 | 0.000 | 0.091 |
| 661 | 1880.00 | 0.088 | -0.138 | 0.091 |
| 810 | 1909.80 | 0.092 | -0.185 | 0.096 |
| 810³⁾ | 1909.80 | 0.091 | -0.001 | 0.091 |

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) 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 4 slots**

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 512 | 1850.20 | 0.053 | 0.000 | 0.053 |
| 661 | 1880.00 | | | |
| 810 | 1909.80 | | | |

WCDMA12.2k RMC

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 9262 | 1852.40 | 0.064 | 0.000 | 0.064 |
| 9400 | 1880.00 | | | |
| 9538 | 1907.60 | | | |

WCDMA 384k RMC³⁾

| Channel | f (MHz) | Measured SAR 1g (mW/g) | Power Drift (dB) | Extrapolated ¹⁾ SAR 1g (mW/g) |
|---------|---------|---------------------------|---------------------|---|
| 9262 | 1852.40 | 0.063 | -0.100 | 0.064 |
| 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 | 0.063 | 0.000 | 0.063 |
| 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) 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



Antenna Location



DUT Location

