

Date/Time: 2006-07-06 08:27:32

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.866$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.77, 6.77, 6.77); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Touch position - Low/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.451 mW/g

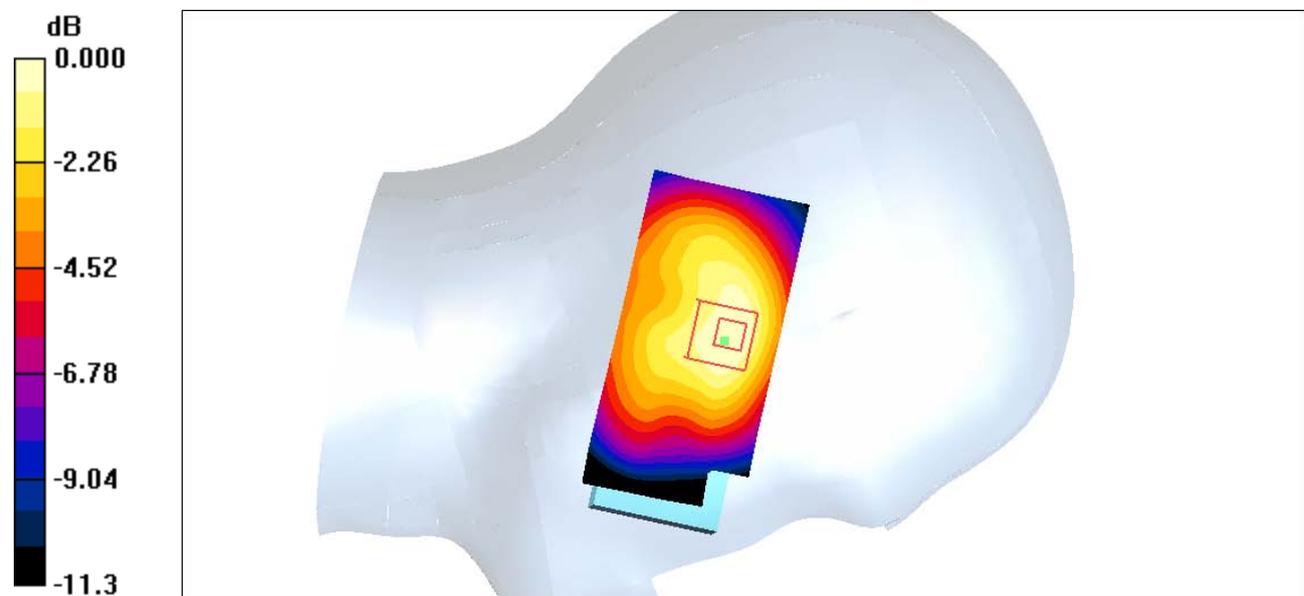
**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.258 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420mW/g

Date/Time: 2006-07-03 09:04:55

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16

- Sensor-Surface: 0mm (Fix Surface)

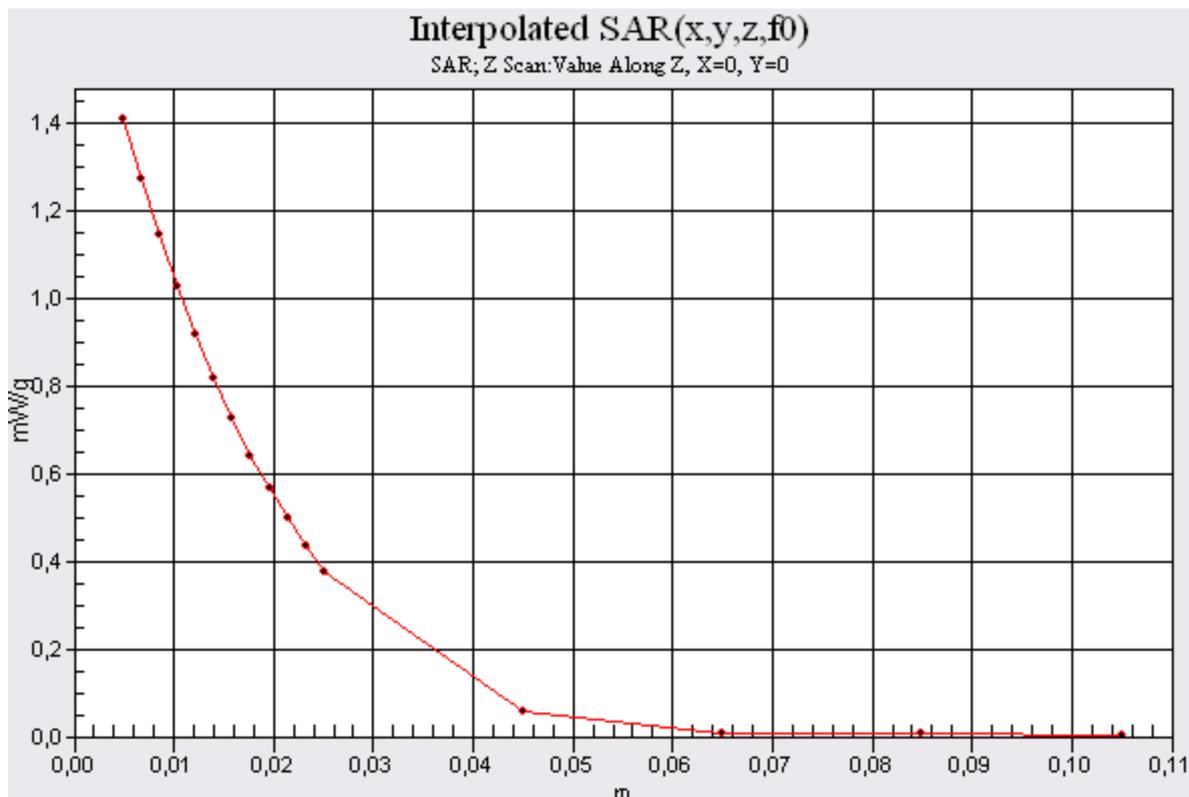
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=10mm, Pin=100mW/Z Scan (1x1x16):** Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 1.41 mW/g



Date/Time: 2006-06-30 10:16:21

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(4.56, 4.56, 4.56); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=10mm, Pin=100mW/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.35 mW/g

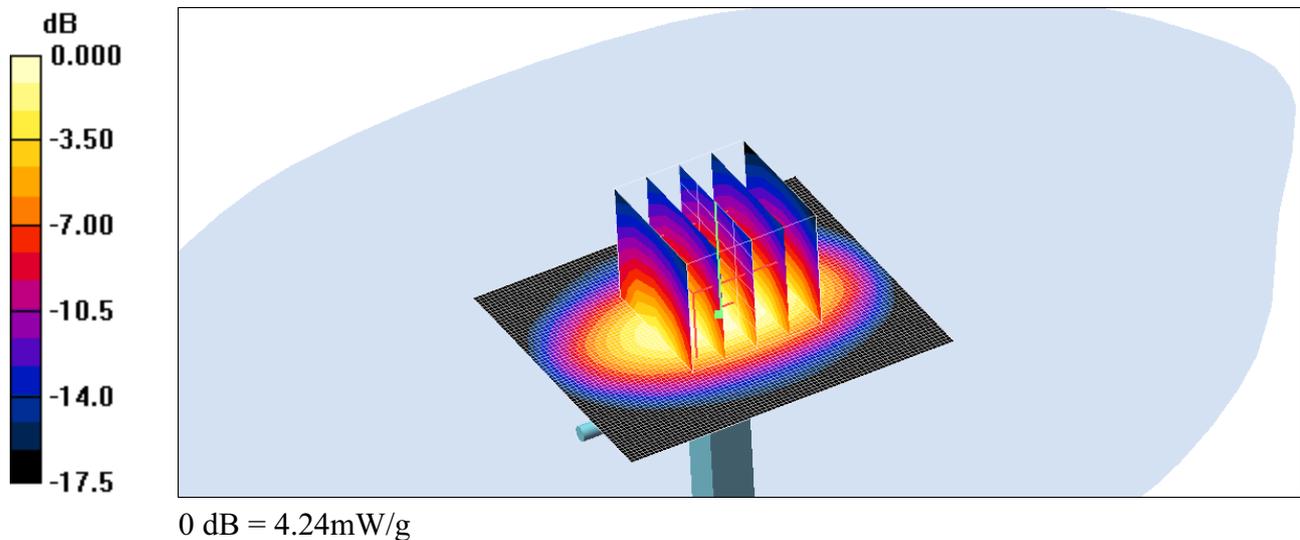
**d=10mm, Pin=100mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.7 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 6.46 W/kg

**SAR(1 g) = 3.8 mW/g; SAR(10 g) = 2.02 mW/g**

Maximum value of SAR (measured) = 4.24 mW/g



Date/Time: 2006-06-30 10:28:52

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(4.56, 4.56, 4.56); Calibrated: 2006-03-16

- Sensor-Surface: 0mm (Fix Surface)

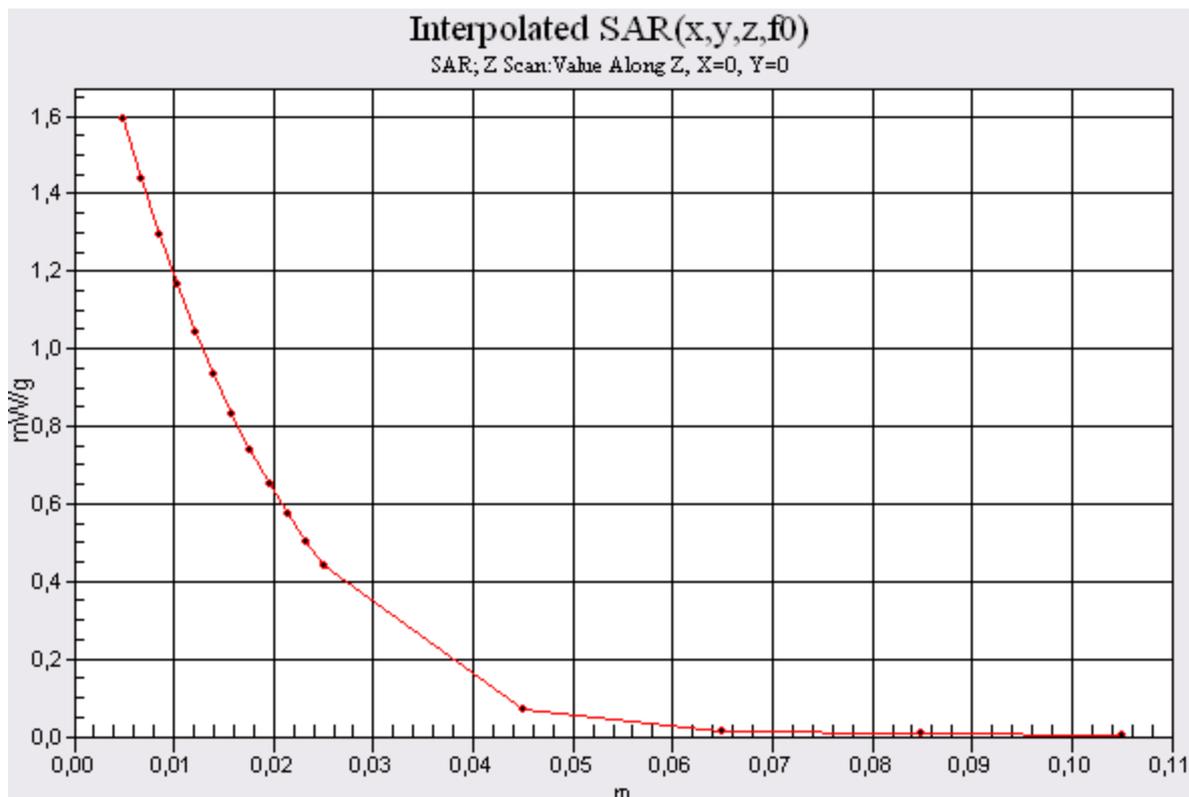
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=10mm, Pin=100mW/Z Scan (1x1x16):** Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 1.59 mW/g



Date/Time: 2006-07-03 11:38:53

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08
- Phantom: SAM 4; Type: SAM; Serial: 1053
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Tilt position - Low/Area Scan (61x131x1):** Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.810 mW/g

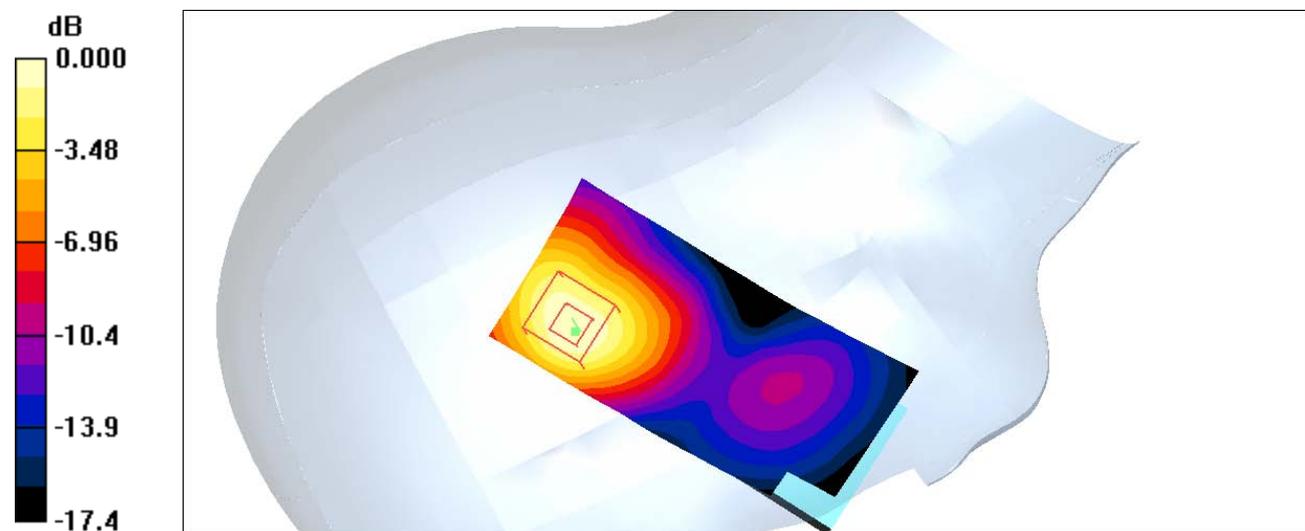
**Tilt position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.392 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.795 mW/g



0 dB = 0.795mW/g

Date/Time: 2006-07-03 09:45:30

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  $\text{kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Touch position - Low/Area Scan (61x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ [Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.521 mW/g

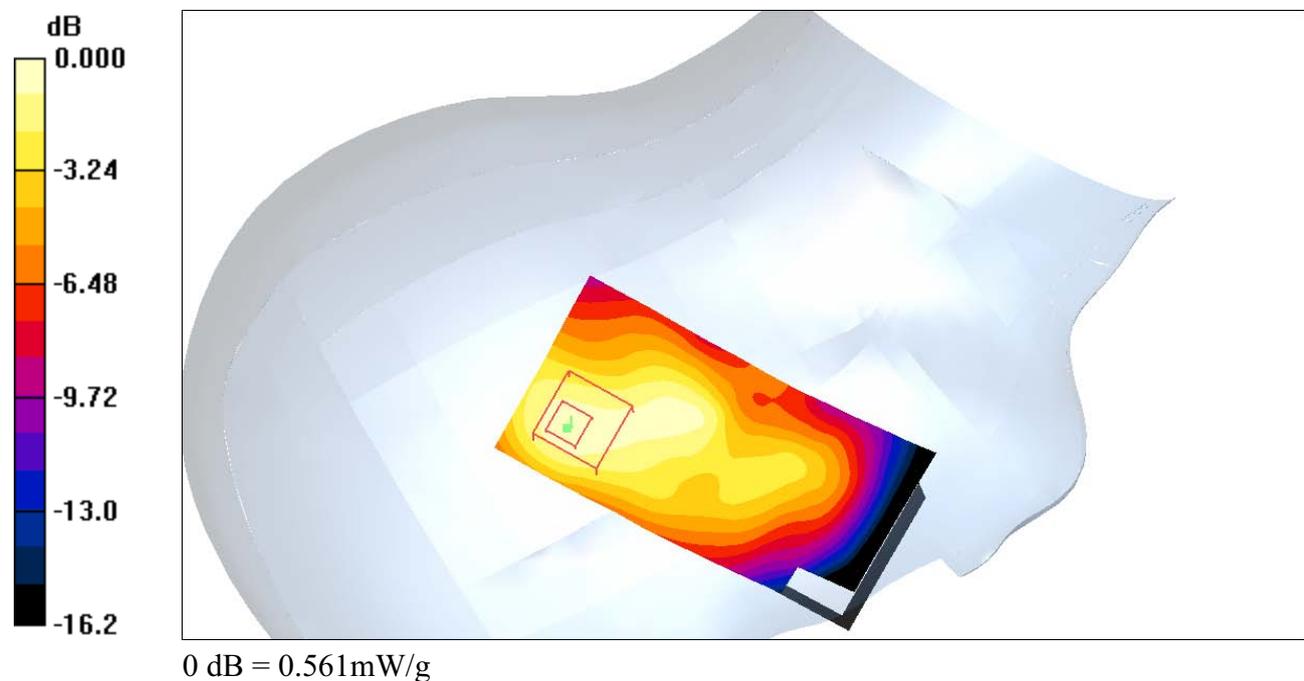
**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 16.7 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.867 W/kg

**SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.288 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.561 mW/g



Date/Time: 2006-07-03 14:54:33

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  $\text{kg/m}^3$ 

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Tilt position - Low/Area Scan (61x131x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ [Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.794 mW/g

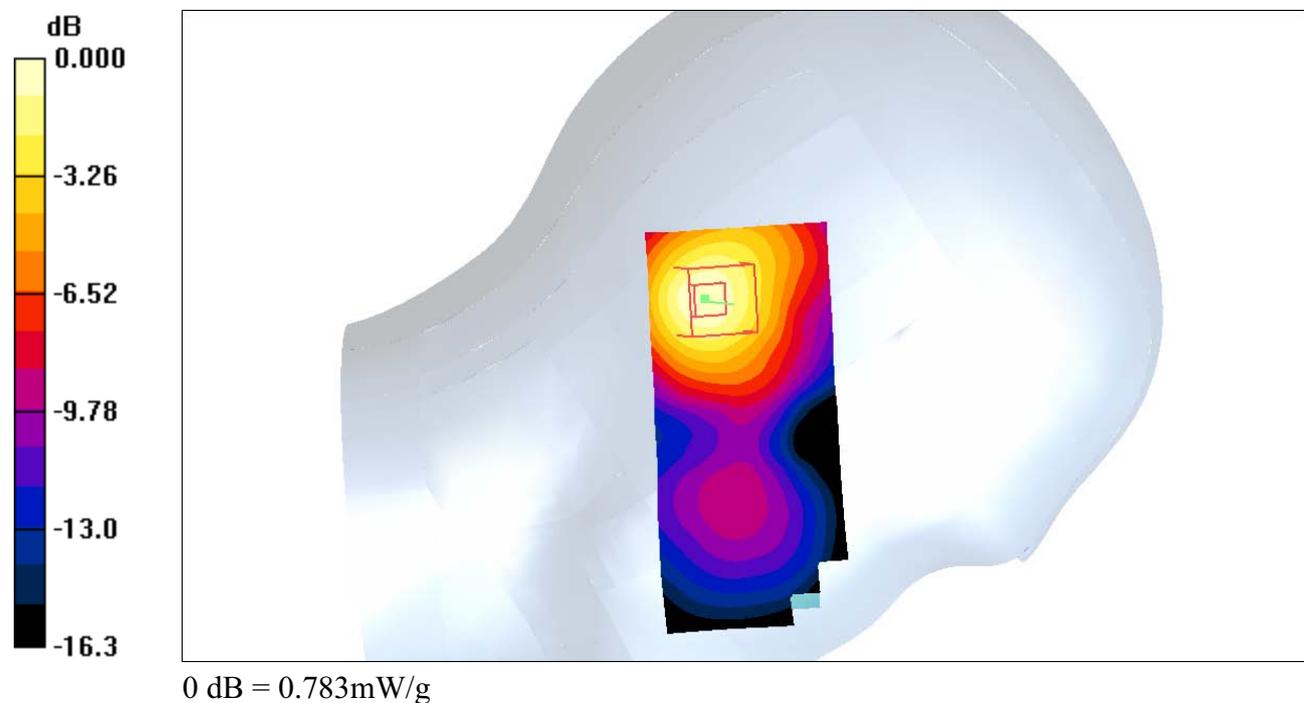
**Tilt position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 21.4 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.382 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.783 mW/g



Date/Time: 2006-07-03 13:47:31

Test Laboratory: Sony Ericsson Mobile Communications AB  
**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$   
 kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08
- Phantom: SAM 4; Type: SAM; Serial: 1053
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Touch position - Low/Area Scan (61x131x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.504 mW/g

**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

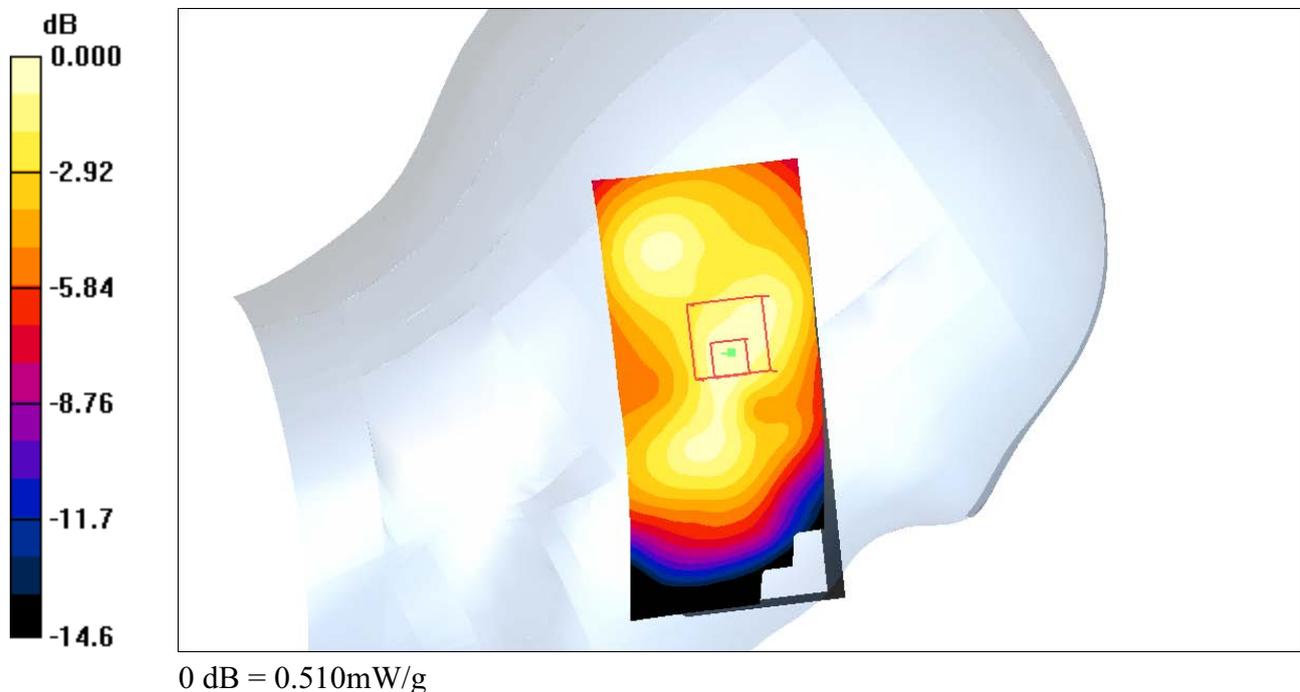
Reference Value = 16.2 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.808 W/kg

**SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.259 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.510 mW/g



Date/Time: 2006-07-05 13:56:08

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:484**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835.2$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.77, 6.77, 6.77); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=15mm, Pin=100mW/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

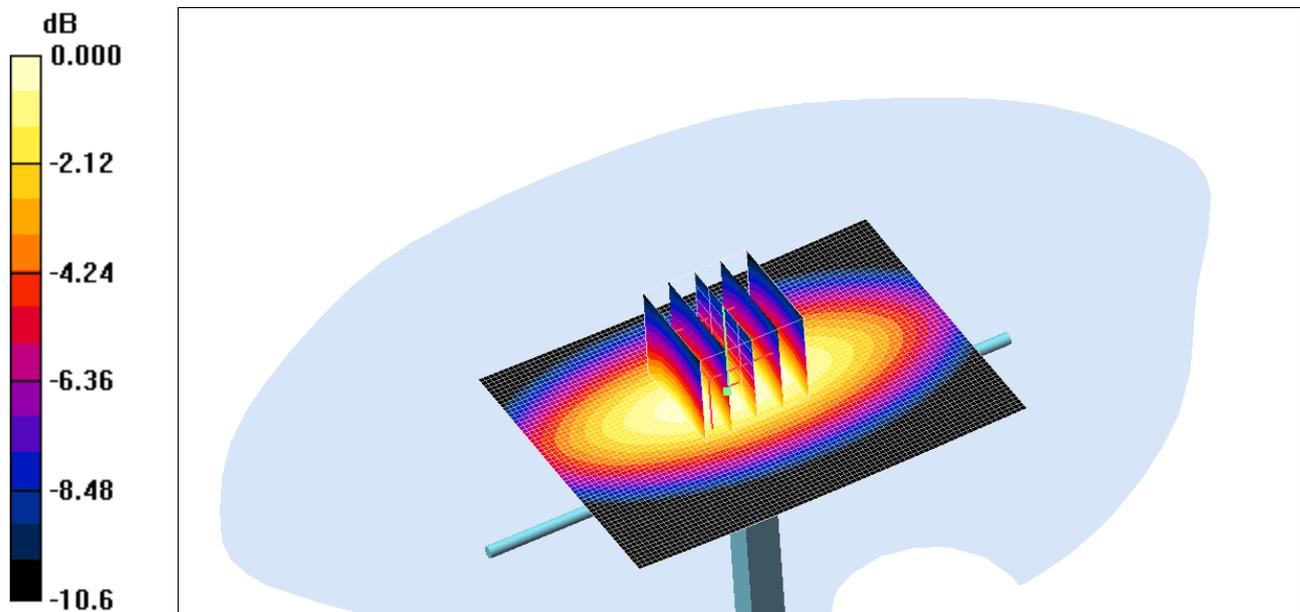
**d=15mm, Pin=100mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.612 mW/g**

Maximum value of SAR (measured) = 1.00 mW/g



0 dB = 1.00mW/g

Date/Time: 2006-07-06 11:17:34

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:484**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.53, 6.53, 6.53); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=15mm, Pin=100mW/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

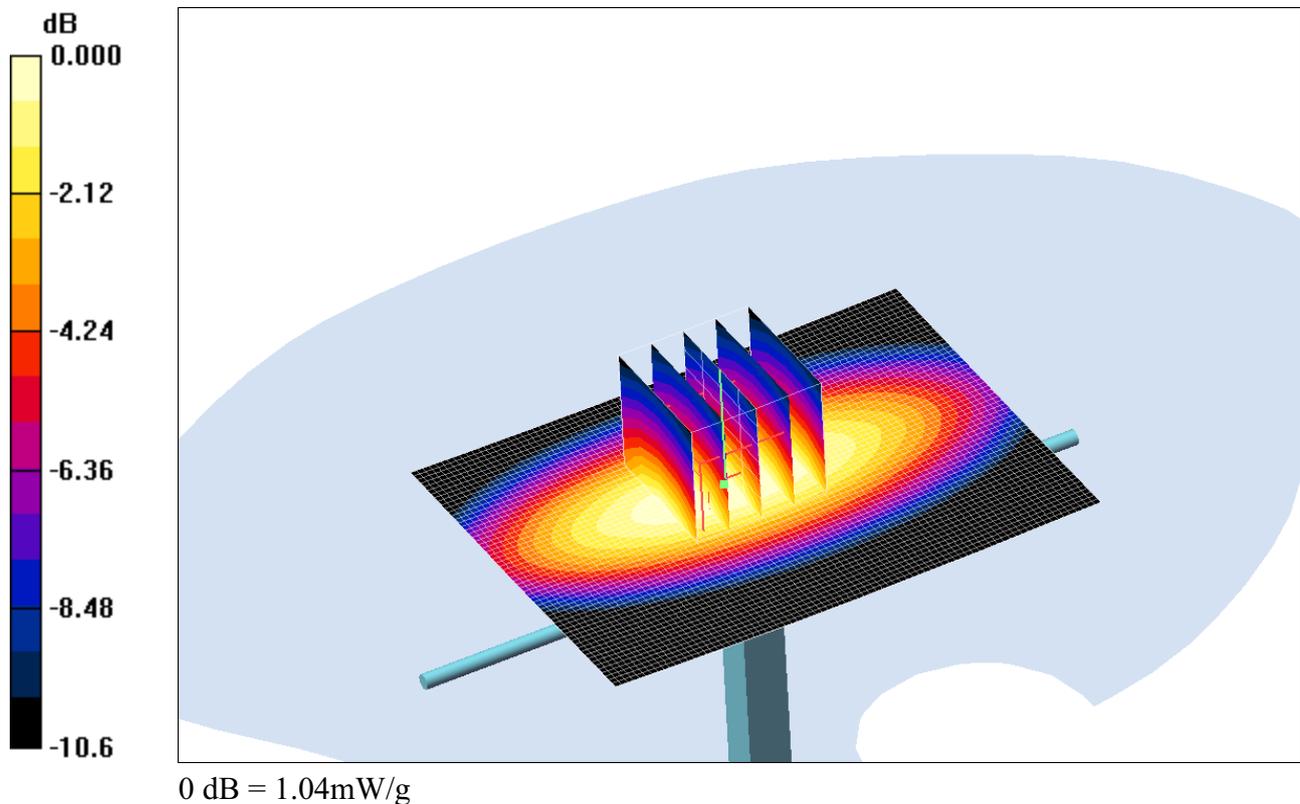
**d=15mm, Pin=100mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.9 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.638 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



Date/Time: 2006-07-06 12:12:22

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$ kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.53, 6.53, 6.53); Calibrated: 2006-03-16

- Sensor-Surface: 0mm (Fix Surface)

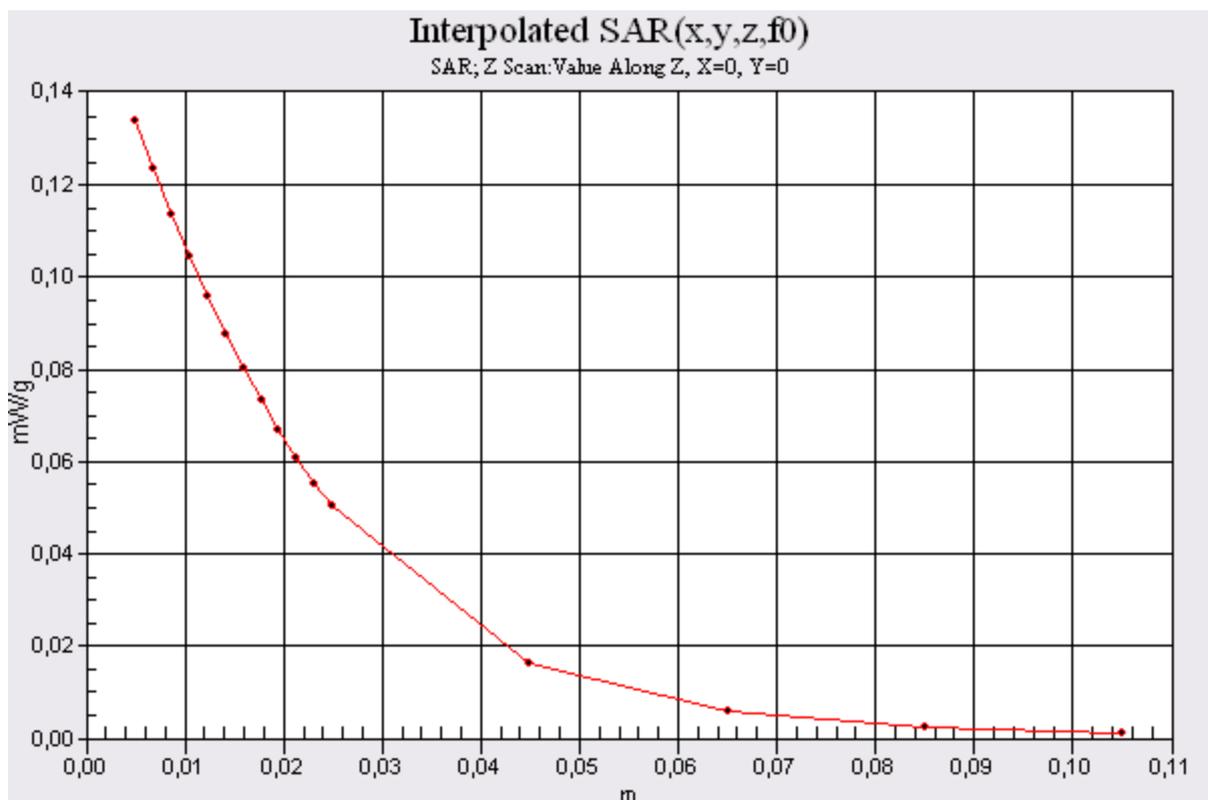
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=15mm,Back,Low ,Speech;HandsFree/Z Scan (1x1x16):** Measurement grid: dx=20mm, dy=20mm, dz=20mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.134 mW/g



Date/Time: 2006-07-06 13:40:40

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.53, 6.53, 6.53); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=15mm,Back,Middle ,Speech;Bluetooth/Area Scan (61x121x1):** Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.631 mW/g

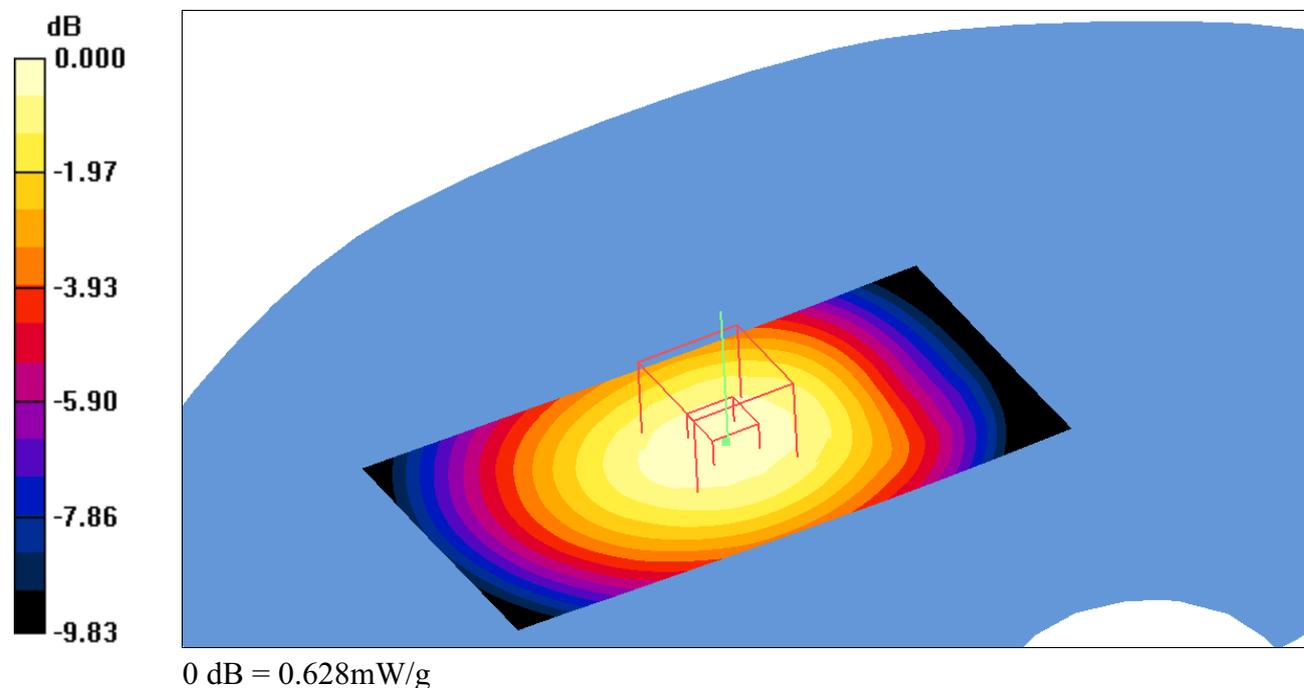
**d=15mm,Back,Middle ,Speech;Bluetooth/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.772 W/kg

**SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.427 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.628 mW/g



Date/Time: 2006-07-07 09:41:05

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM850 GPRS2TX; Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.53, 6.53, 6.53); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=15mm,Back,Low ,GPRX2TX /Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.977 mW/g

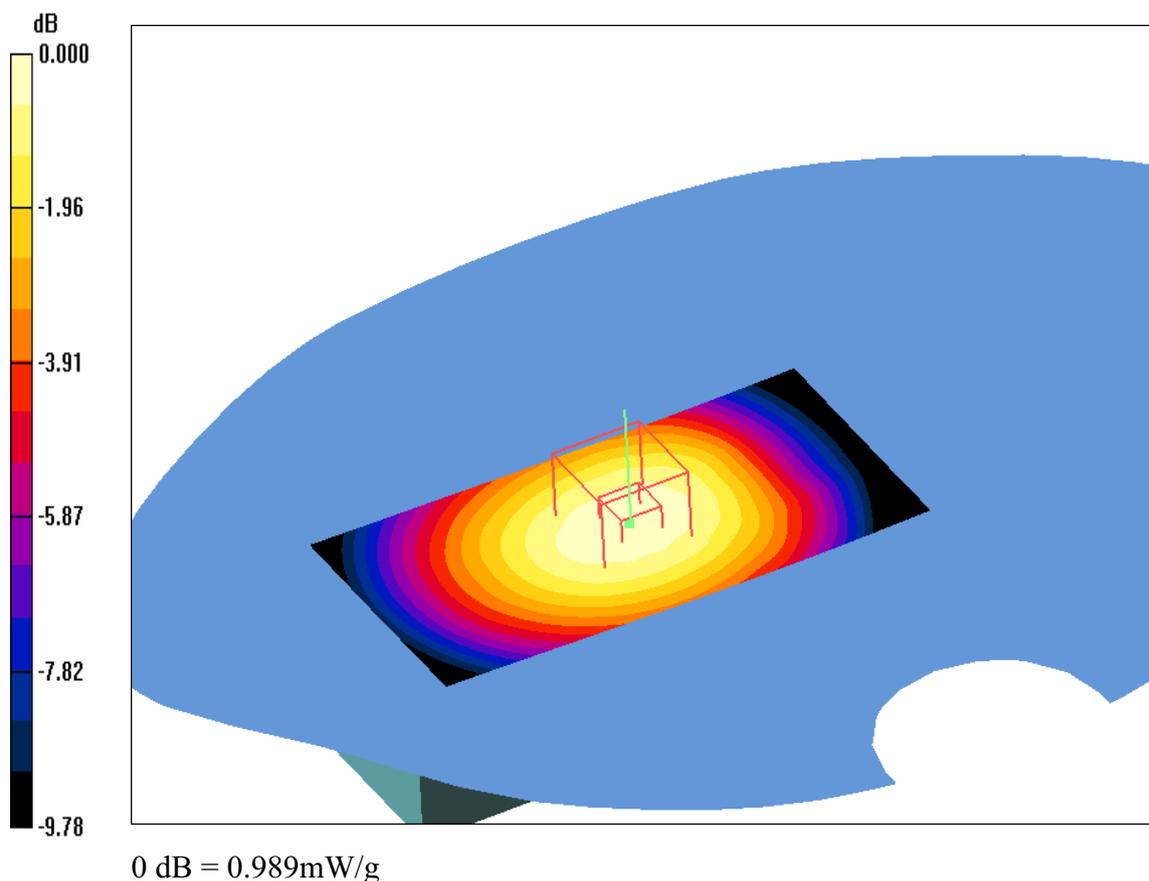
**d=15mm,Back,Low ,GPRX2TX /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.672 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.989 mW/g



Date/Time: 2006-07-05 15:50:29

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.866$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.77, 6.77, 6.77); Calibrated: 2006-03-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08
- Phantom: SAM 3; Type: SAM; Serial: 1137
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Tilt position - Low/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.334 mW/g

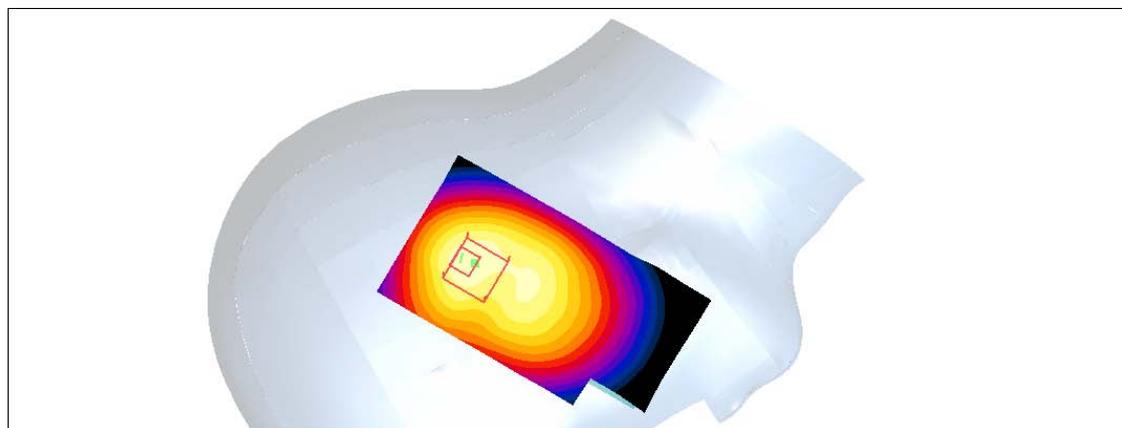
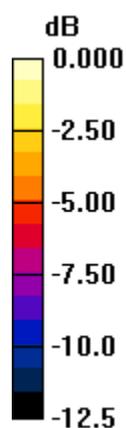
**Tilt position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.556 W/kg

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.195 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g

Date/Time: 2006-07-05 14:45:01

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.866$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  $\text{kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.77, 6.77, 6.77); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 3; Type: SAM; Serial: 1137

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Touch position - Low/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ [Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.474 mW/g

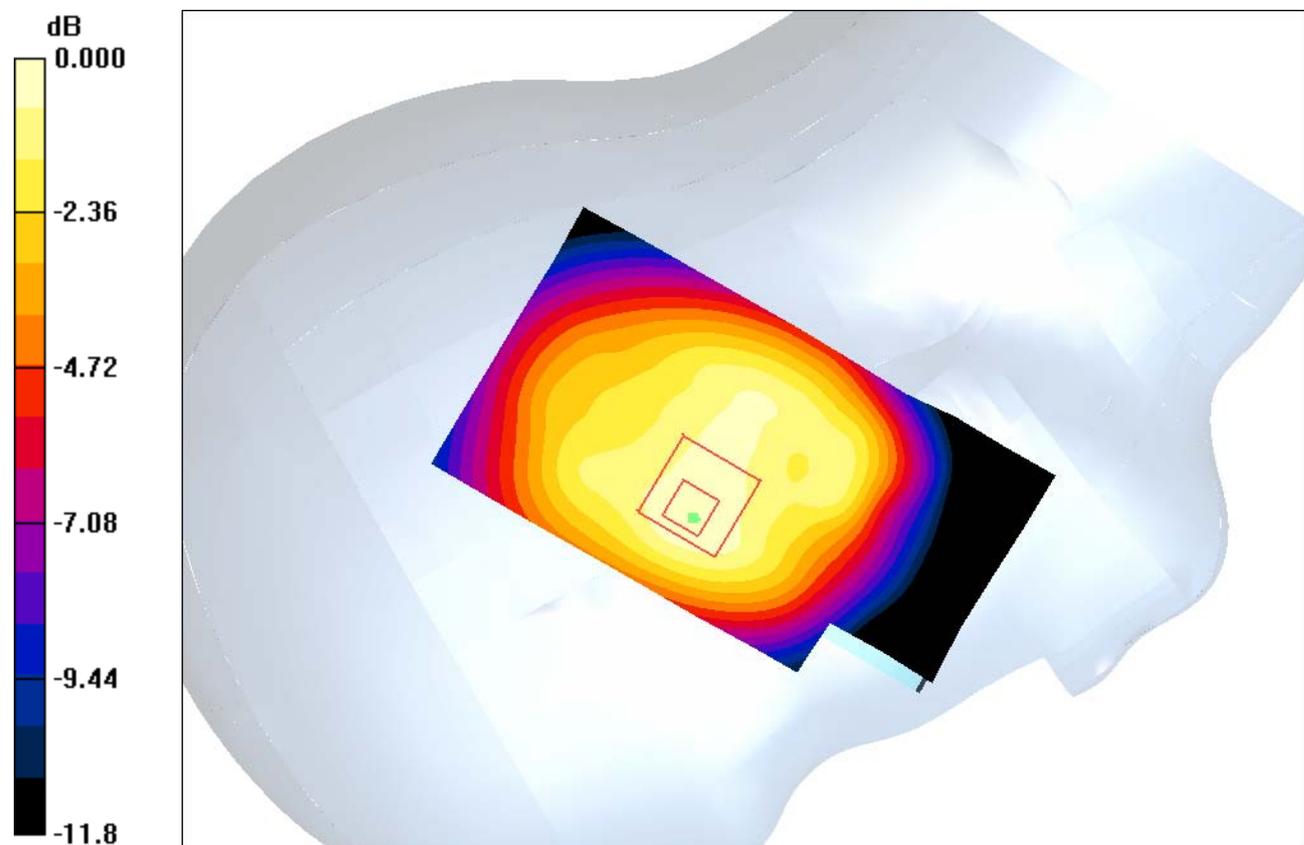
**Touch position - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 17.8 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.296 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.475 mW/g



Date/Time: 2006-07-06 09:56:28

Test Laboratory: Sony Ericsson Mobile Communications AB  
**DUT: #5168; Type: PY7AF032011; Serial: CB5108R73C**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
 Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.866$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$   
 kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(6.77, 6.77, 6.77); Calibrated: 2006-03-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2006-03-08
- Phantom: SAM 3; Type: SAM; Serial: 1137
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**Tilt position - Low/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.326 mW/g

**Tilt position - Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

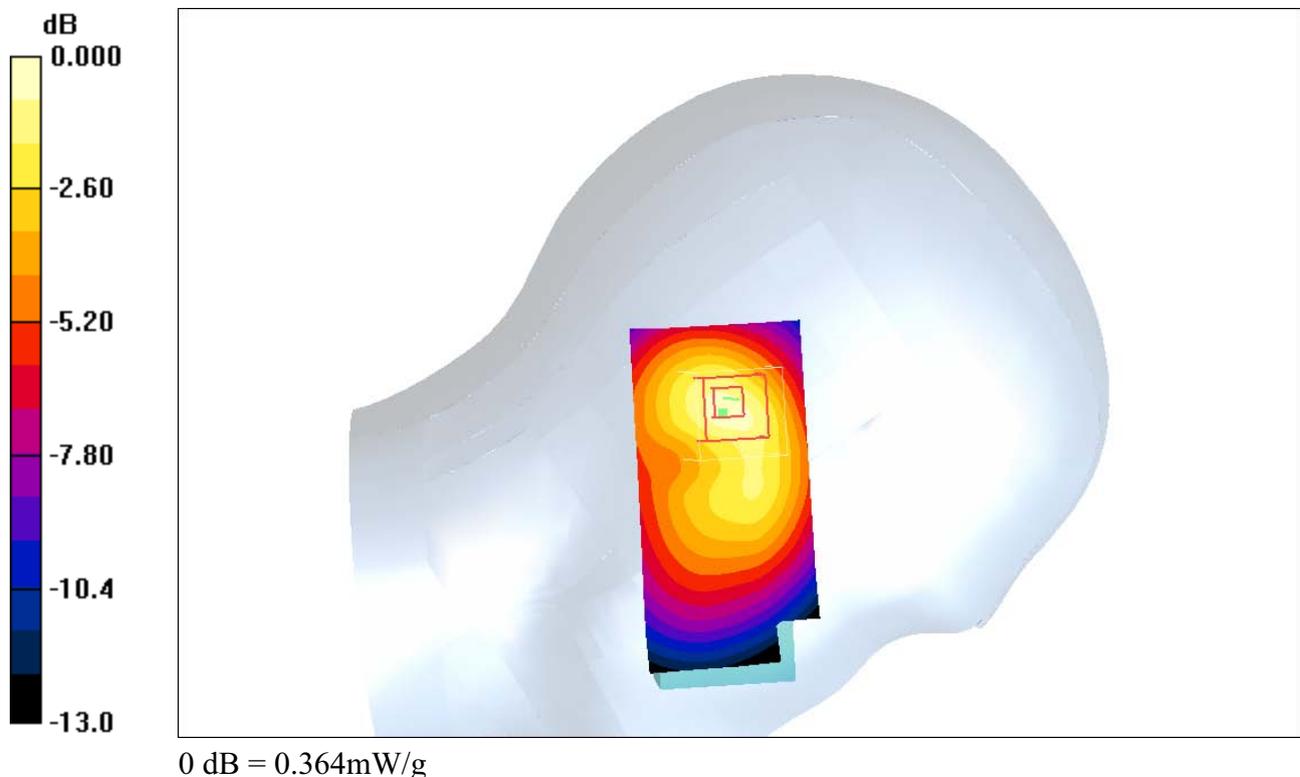
Reference Value = 20.7 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.182 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.364 mW/g



Date/Time: 2006-07-03 08:52:31

Test Laboratory: Sony Ericsson Mobile Communications AB

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1585; ConvF(5.11, 5.11, 5.11); Calibrated: 2006-03-16

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn419; Calibrated: 2006-03-08

- Phantom: SAM 4; Type: SAM; Serial: 1053

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

**d=10mm, Pin=100mW/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.36 mW/g

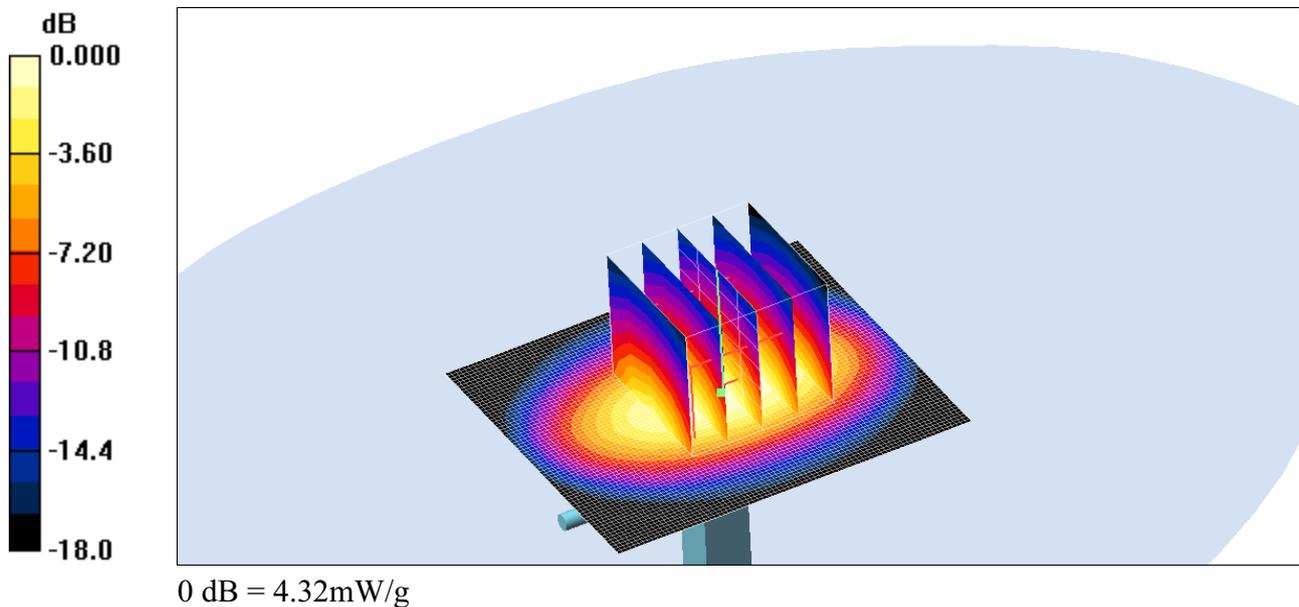
**d=10mm, Pin=100mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.1 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 6.64 W/kg

**SAR(1 g) = 3.83 mW/g; SAR(10 g) = 2.02 mW/g**

Maximum value of SAR (measured) = 4.32 mW/g



## DASY4 Validation Report for Head TSL

Date/Time: 09.03.2005 15:20:45

Test Laboratory: SPEAG, Zurich, Switzerland

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW-1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL 1900 MHz;

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(4.96, 4.96, 4.96); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 5.0; Type: QD000P50AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Pin = 250 mW; d = 10 mm/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 11.4 mW/g

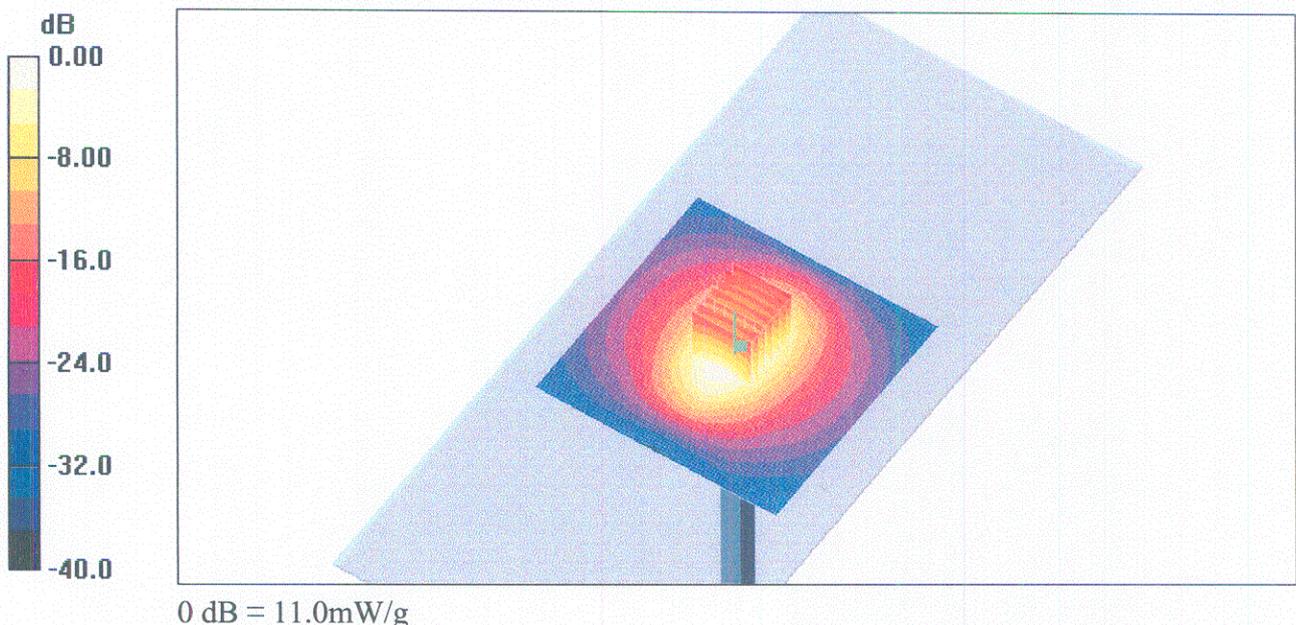
**Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.4 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.15 mW/g**

Maximum value of SAR (measured) = 11.0 mW/g



## DASY4 Validation Report for Body TSL

Date/Time: 15.03.2005 15:20:32

Test Laboratory: SPEAG, Zurich, Switzerland

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

Communication System: CW-1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL 1900 MHz;

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(4.43, 4.43, 4.43); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 5.0; Type: QD000P50AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Pin = 250 mW; d = 10 mm/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 11.4 mW/g

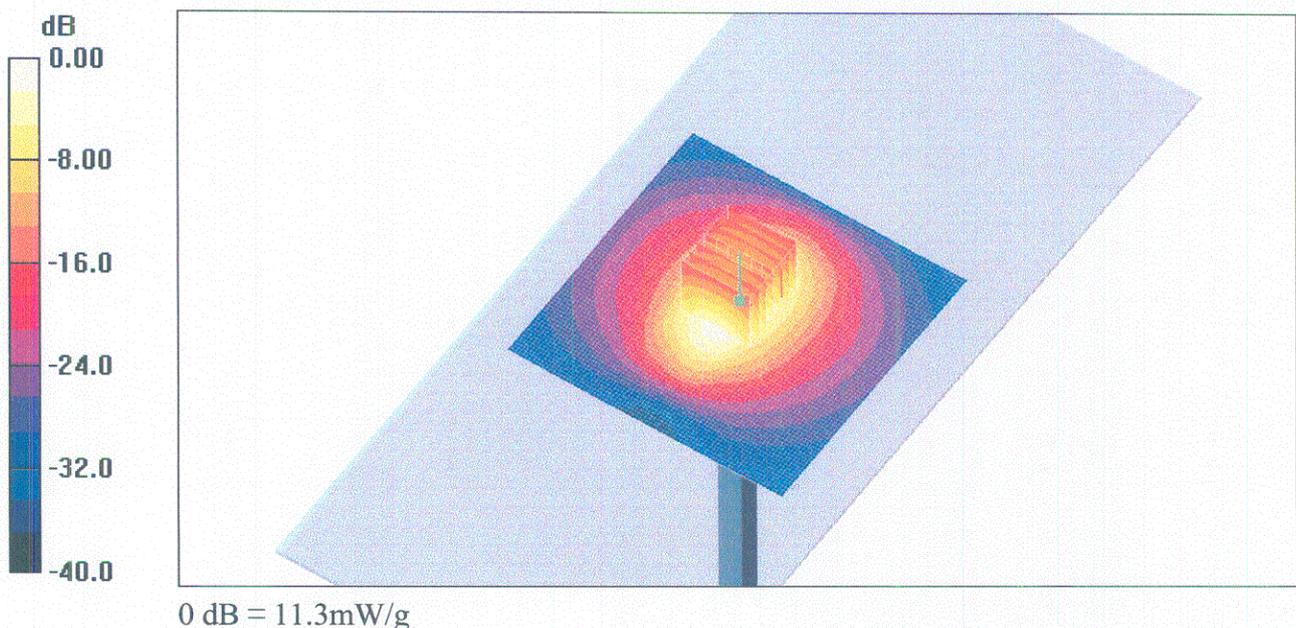
**Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.3 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 16.8 W/kg

**SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.23 mW/g**

Maximum value of SAR (measured) = 11.3 mW/g



# DASY4 Validation Report for Head TSL

Date/Time: 08.03.2005 10:35:22

Test Laboratory: SPEAG, Zurich, Switzerland

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN484**

Communication System: CW-835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL 835 MHz;

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

## DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(6.24, 6.24, 6.24); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 144

**Pin = 250 mW; d = 15 mm/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 2.46 mW/g

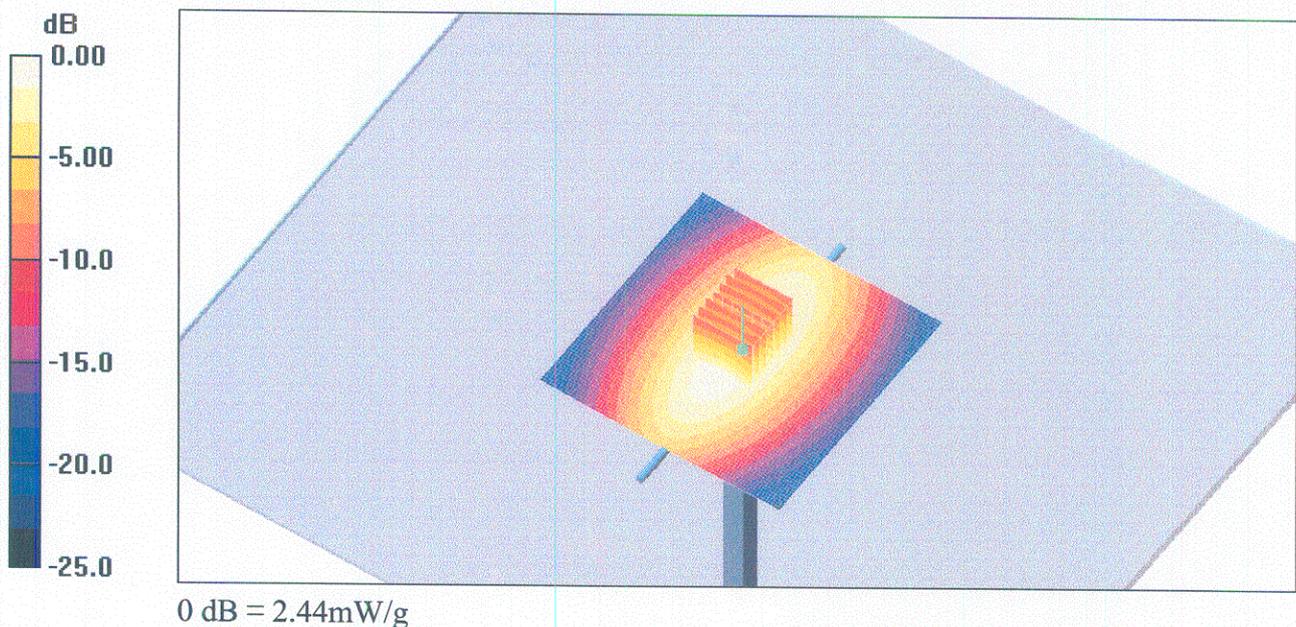
**Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.0 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 3.29 W/kg

**SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.44 mW/g



## DASY4 Validation Report for Body TSL

Date/Time: 14.03.2005 10:51:59

Test Laboratory: SPEAG, Zurich, Switzerland

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN484**

Communication System: CW-835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: M900;

Medium parameters used:  $f = 835$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(5.98, 5.98, 5.98); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Pin = 250 mW; d = 15 mm/Area Scan (81x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 2.57 mW/g

**Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.6 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 3.36 W/kg

**SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.56 mW/g**

Maximum value of SAR (measured) = 2.58 mW/g

