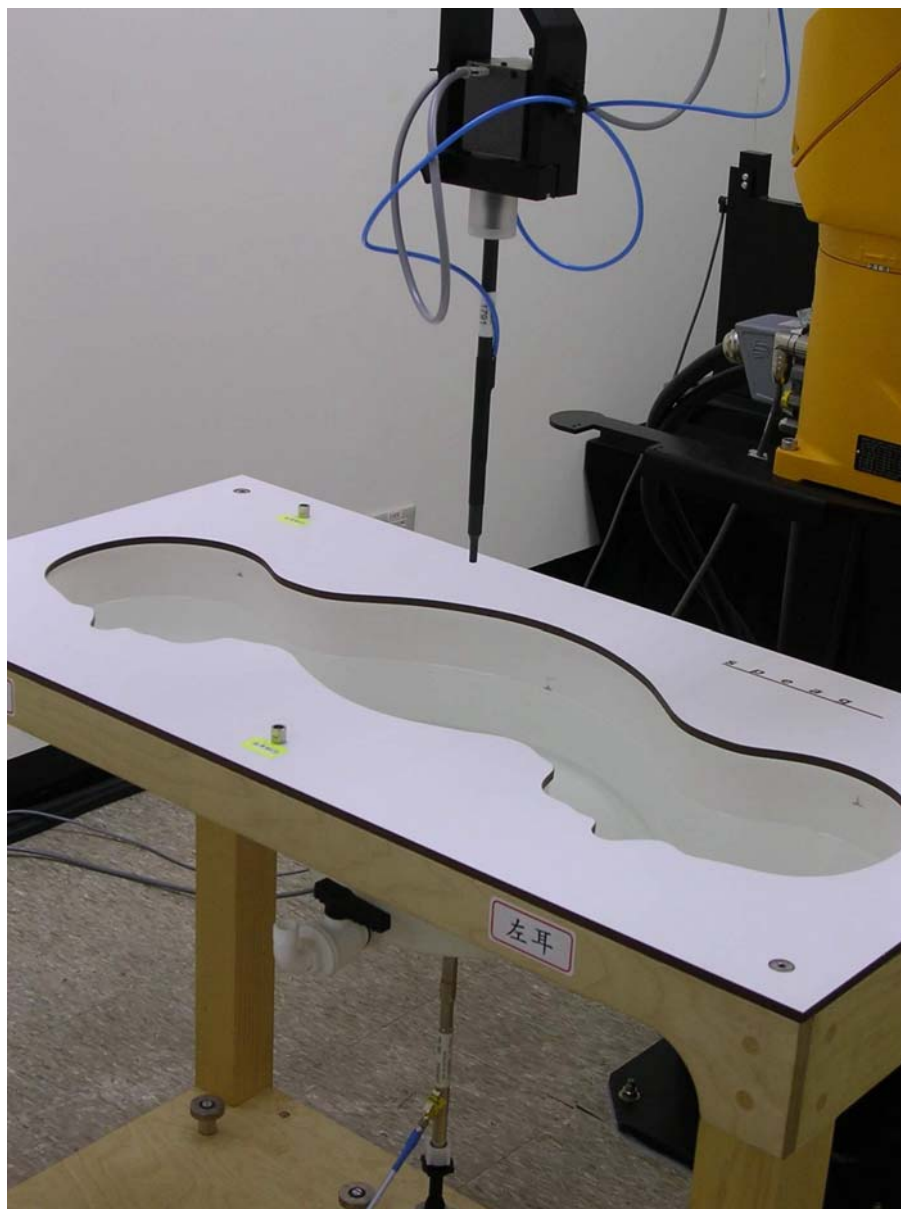


ANNEX C: SAR RESULTS**System Performance Check****Head**

GSM 850MHz

Date/Time: 6/28/2007 9:21:25 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:xxx

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 900$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.5 degC;

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

SPC/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm**Info:** Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 2.79 mW/g

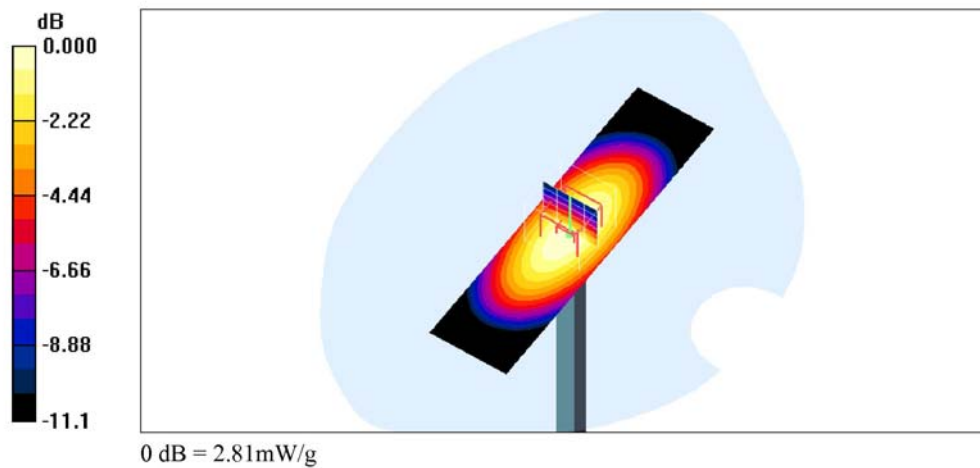
SPC/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

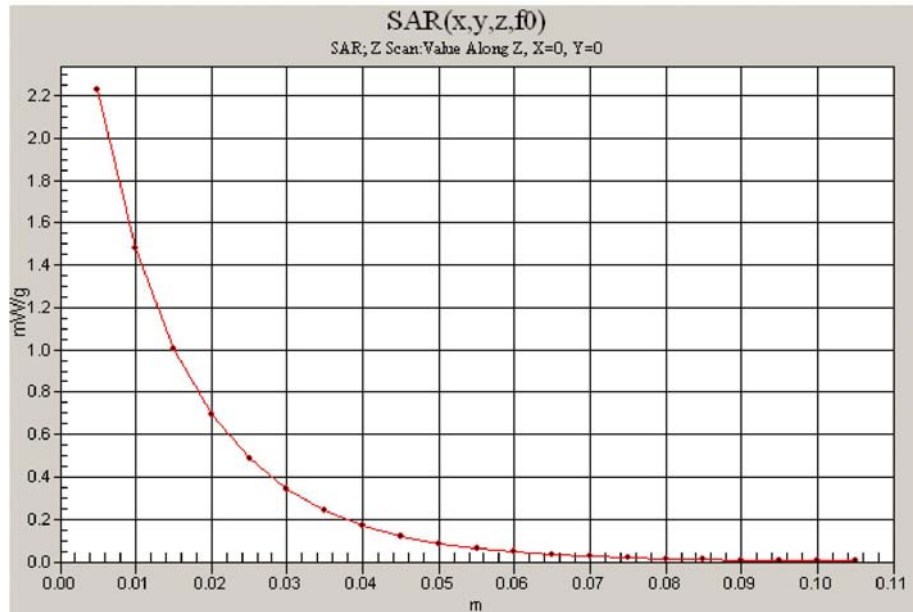
Reference Value = 57.2 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 2.6 mW/g; SAR(10 g) = 1.68 mW/g**Info:** Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.81 mW/g





GSM 1900MHz

Date/Time: 6/1/2007 9:18:15 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:xxx

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

Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 21.5 degC;

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

SPC/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 11.5 mW/g

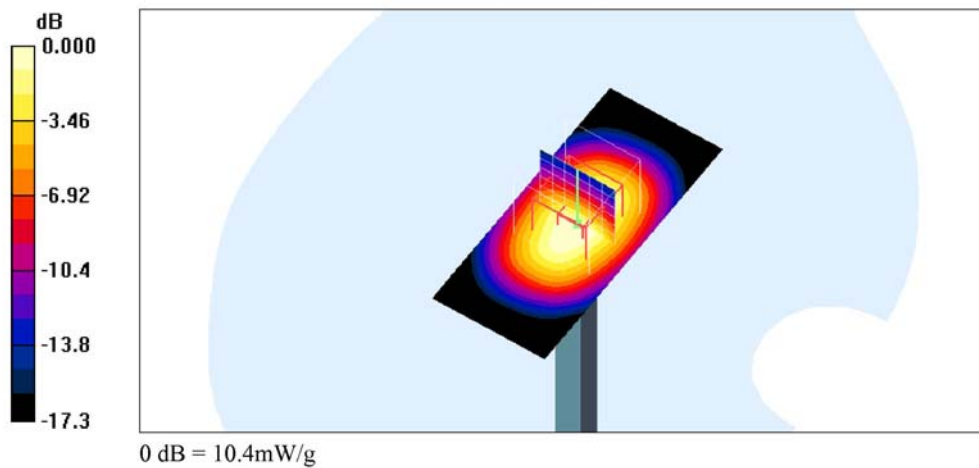
SPC/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

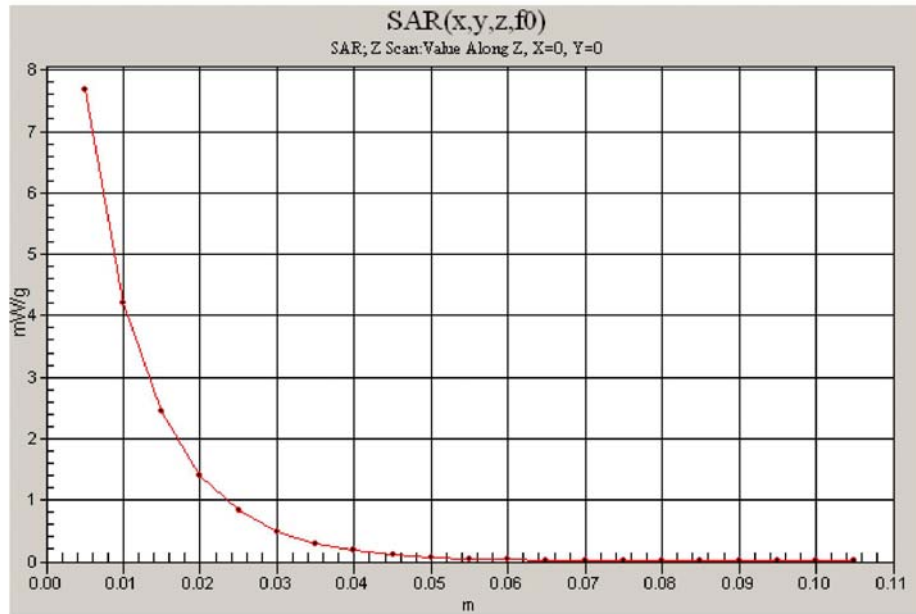
Reference Value = 91.3 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 15.3 W/kg

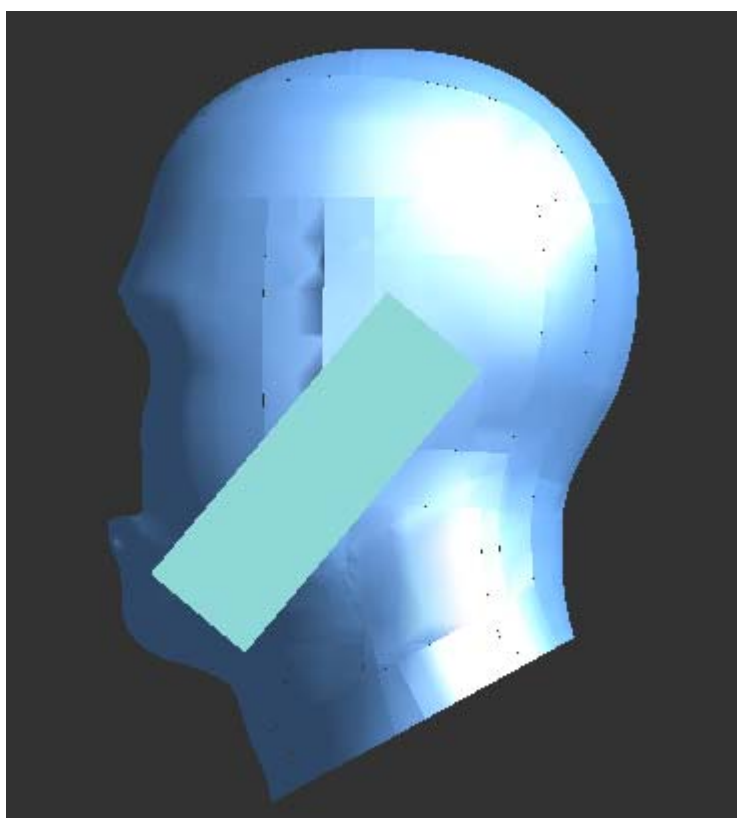
SAR(1 g) = 9.09 mW/g; SAR(10 g) = 4.81 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 10.4 mW/g





GSM 850MHz - Left Head



Left Cheek

Date/Time: 6/28/2007 1:10:41 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 836.75$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-MID-GSM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.10 V/m; Power Drift = -0.214 dB

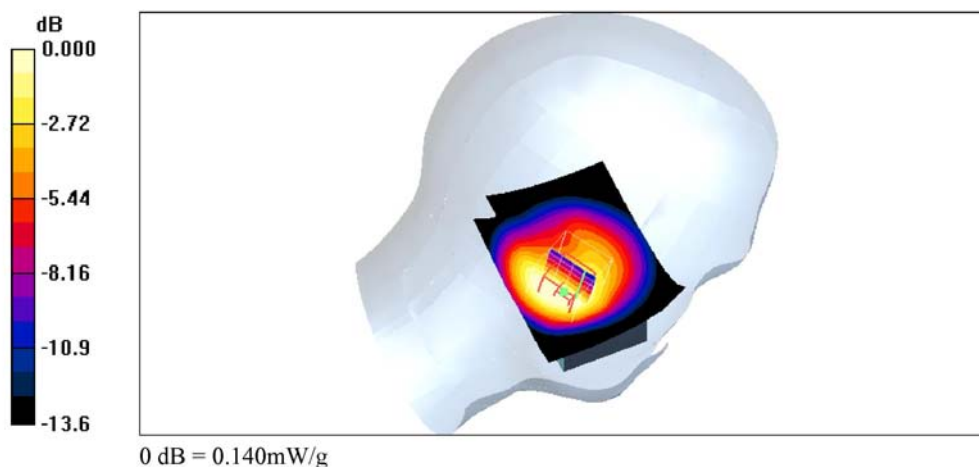
Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.140 mW/g

LC-MID-GSM/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g



Left Cheek

Date/Time: 6/28/2007 1:33:57 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 836.75$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

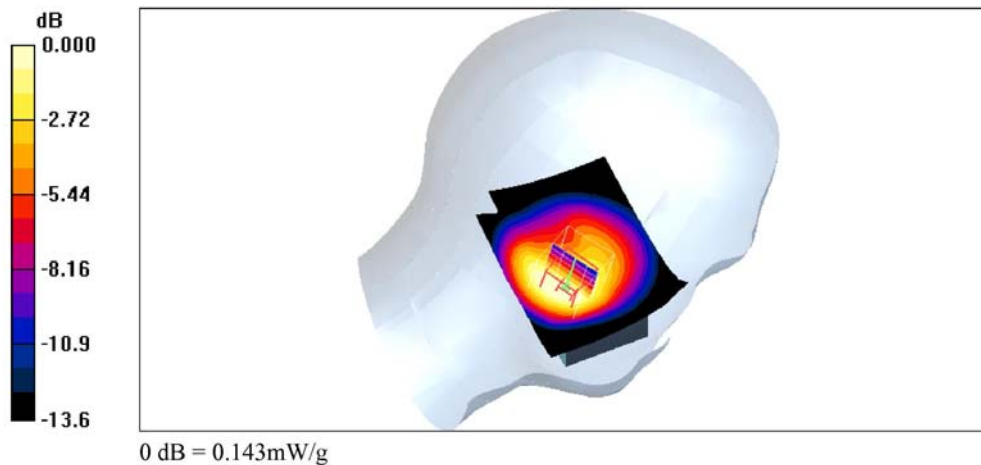
LC-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.04 V/m; Power Drift = -0.228 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



Left Tilted

Date/Time: 6/28/2007 2:28:42 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 836.75$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LT-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.92 V/m; Power Drift = -0.284 dB

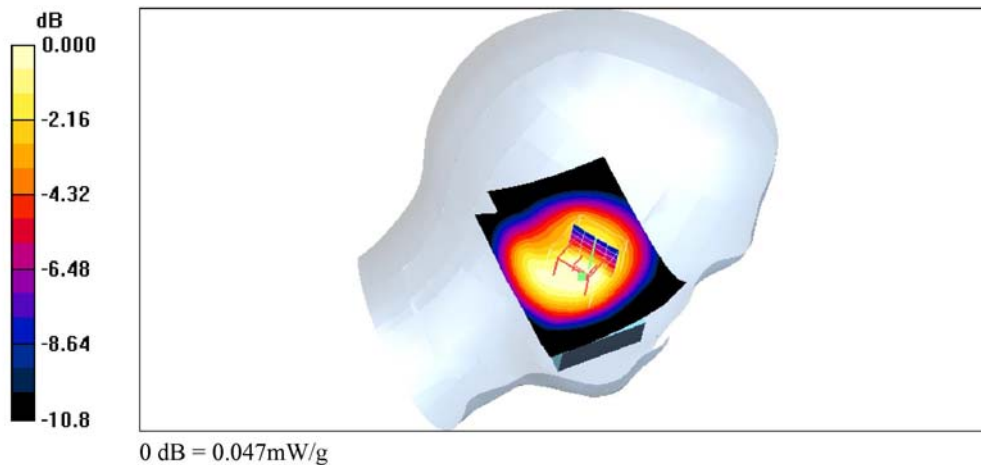
Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.030 mW/g

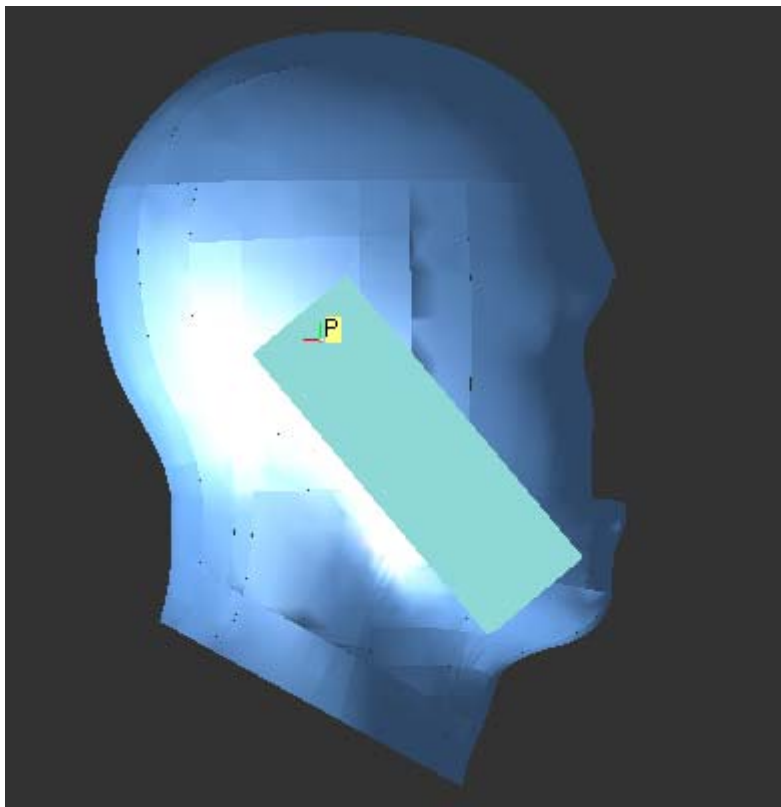
Maximum value of SAR (measured) = 0.047 mW/g

LT-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.048 mW/g



GSM 850MHz - Right Head



Right Cheek

Date/Time: 6/28/2007 2:51:46 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 836.75$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = 0.094 dB

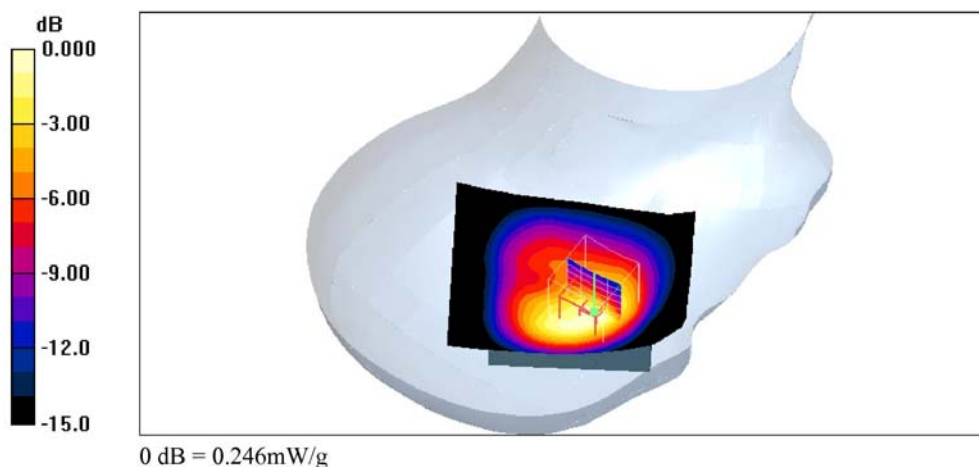
Peak SAR (extrapolated) = 0.419 W/kg

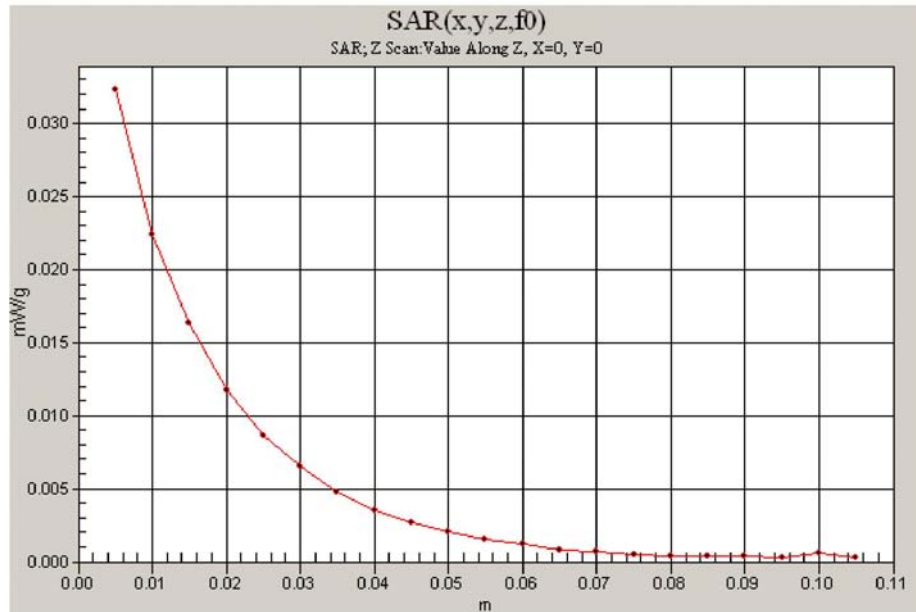
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.246 mW/g

RC-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.258 mW/g





Right Tilted

Date/Time: 6/28/2007 3:09:03 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 836.75$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006

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

- Electronics: DAE4 Sn629;

- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RT-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.46 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.092 W/kg

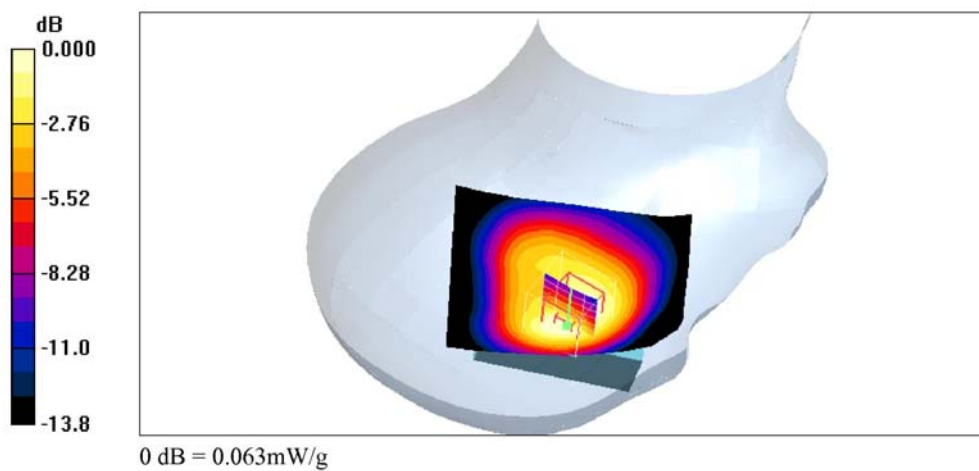
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 0.063 mW/g

RT-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g



Right Cheek

Date/Time: 6/28/2007 3:25:42 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 850MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-HIGH-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.08 V/m; Power Drift = 0.070 dB

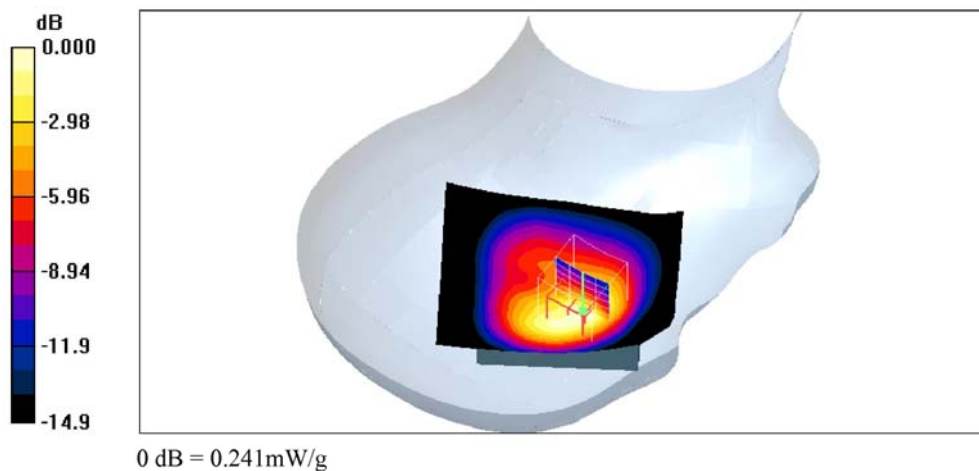
Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.124 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.241 mW/g

RC-HIGH-GPRS/Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ [Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.247 mW/g



Right Cheek

Date/Time: 6/28/2007 3:44:31 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 43$; $\rho = 1000$ kg/m³

Air temperature: 26 degC; Liquid temperature: 22.6 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-LOW-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.10 V/m; Power Drift = -0.093 dB

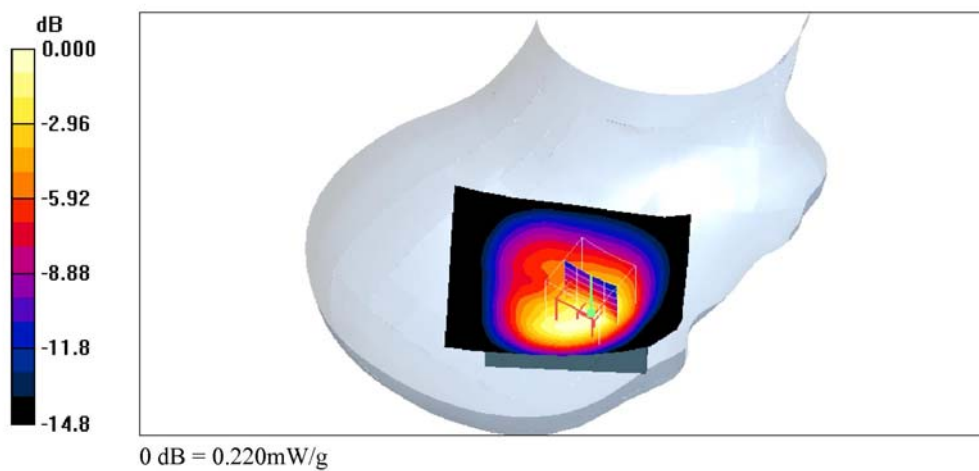
Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.115 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

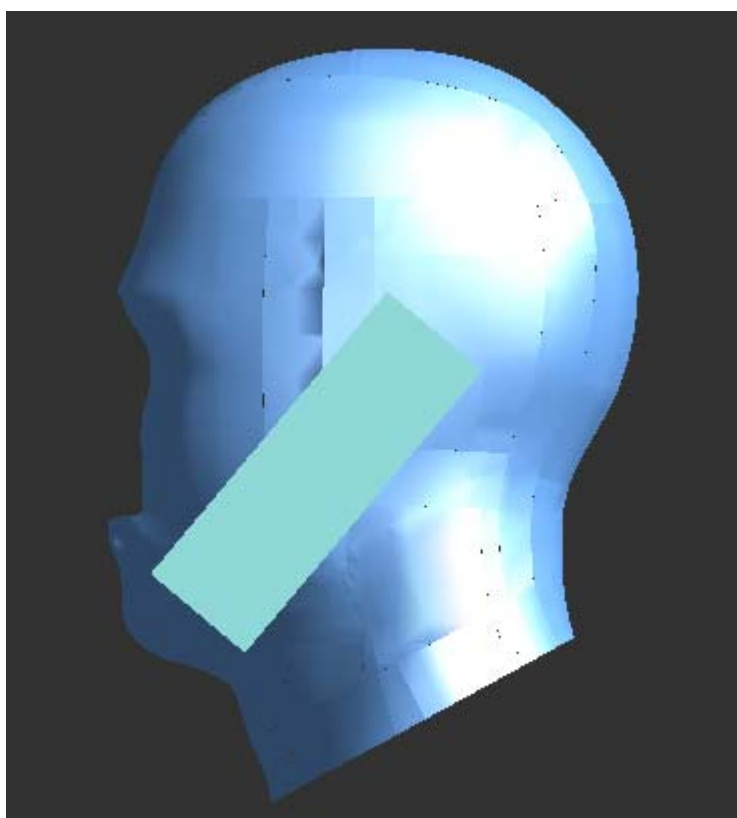
Maximum value of SAR (measured) = 0.220 mW/g

RC-LOW-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.231 mW/g



GSM 1900MHz - Left Head



Left Cheek

Date/Time: 6/1/2007 11:11:43 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880.05$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-MID-GSM/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.31 V/m; Power Drift = -0.145 dB

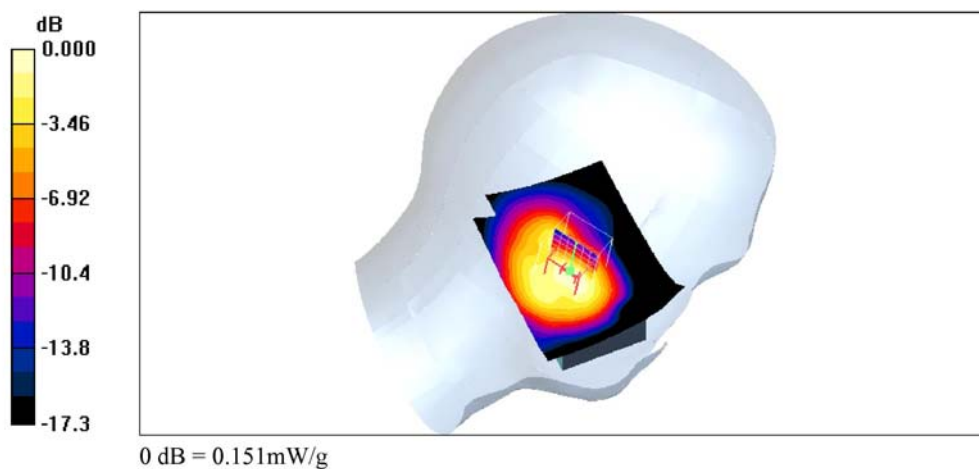
Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.151 mW/g

LC-MID-GSM/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.162 mW/g



Left Cheek

Date/Time: 6/1/2007 11:26:28 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880.05$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LC-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

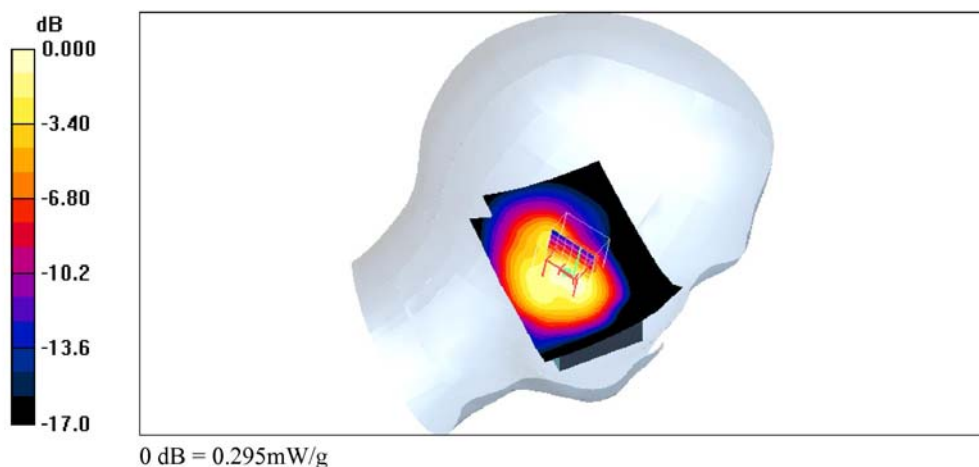
LC-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.295 mW/g



Left Tilted

Date/Time: 6/1/2007 11:54:43 AM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880.05$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

LT-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.58 V/m; Power Drift = -0.073 dB

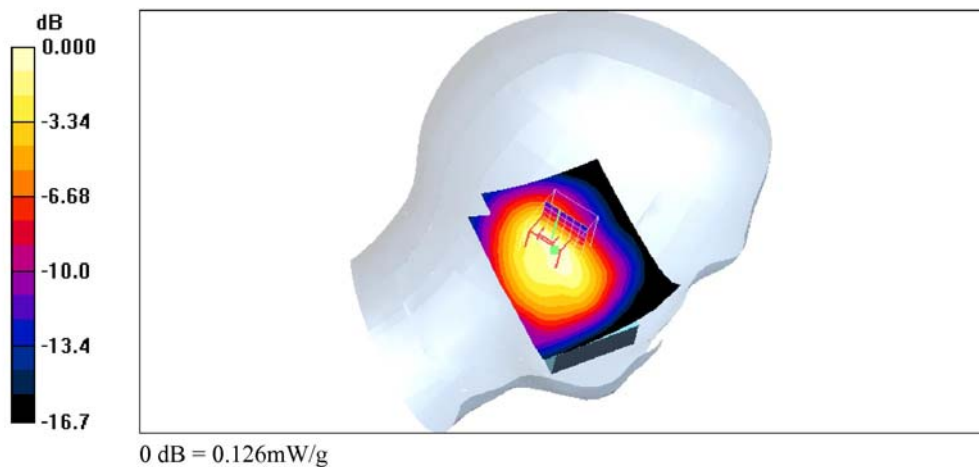
Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.066 mW/g

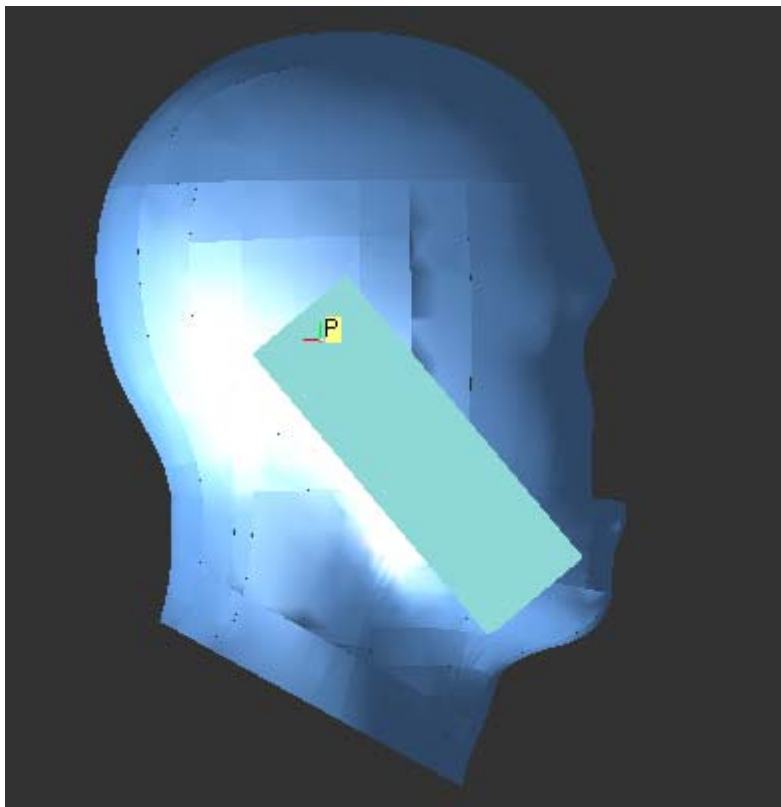
Maximum value of SAR (measured) = 0.126 mW/g

LT-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.123 mW/g



GSM 1900MHz - Right Head



Right Cheek

Date/Time: 6/1/2007 12:20:24 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880.05$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.734 W/kg

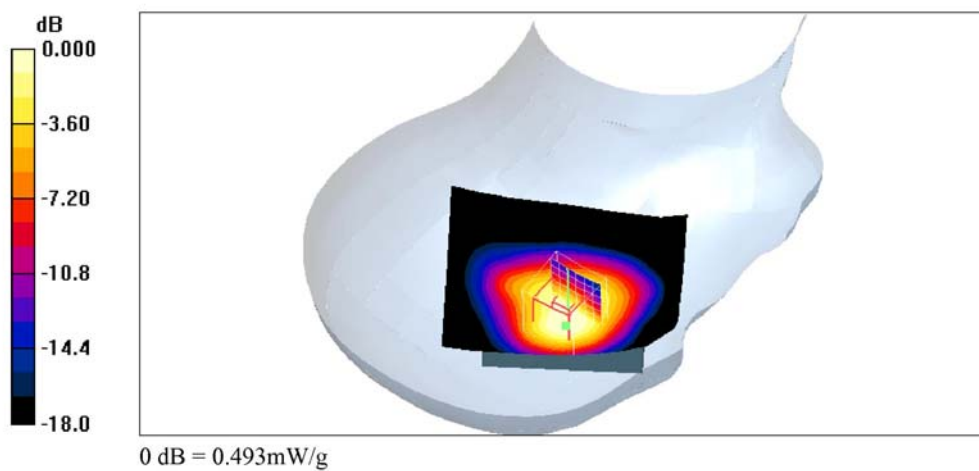
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.254 mW/g

Warning: Maximum averaged SAR over 1 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 0.493 mW/g

RC-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g



Right Tilted

Date/Time: 6/1/2007 12:39:22 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880.05$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RT-MID-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

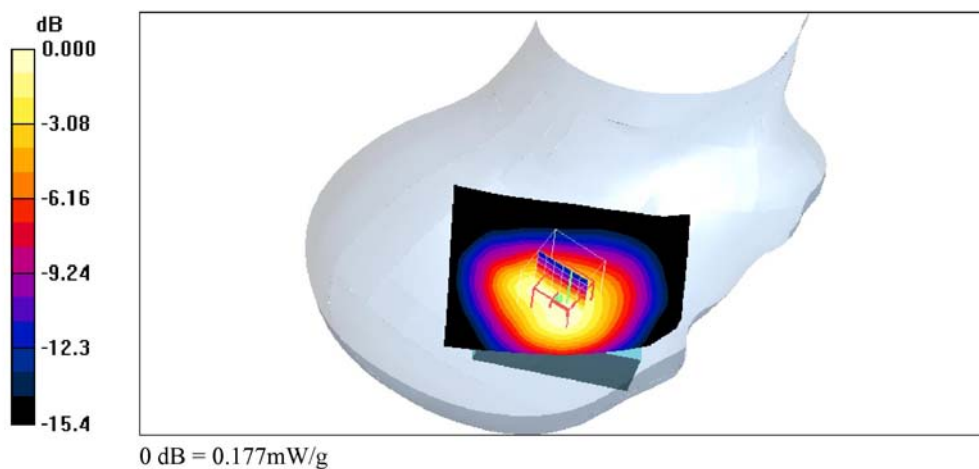
RT-MID-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.98 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.177 mW/g



Right Cheek

Date/Time: 6/1/2007 1:02:06 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-HIGH-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.723 mW/g

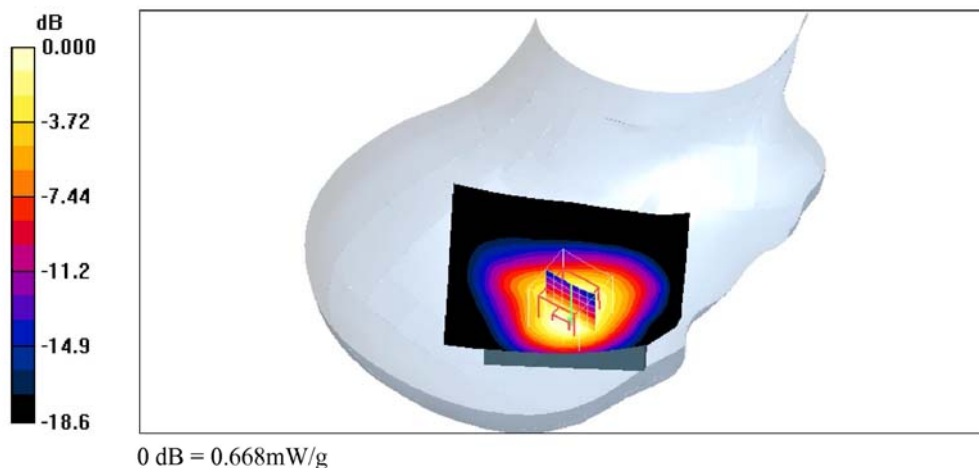
RC-HIGH-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

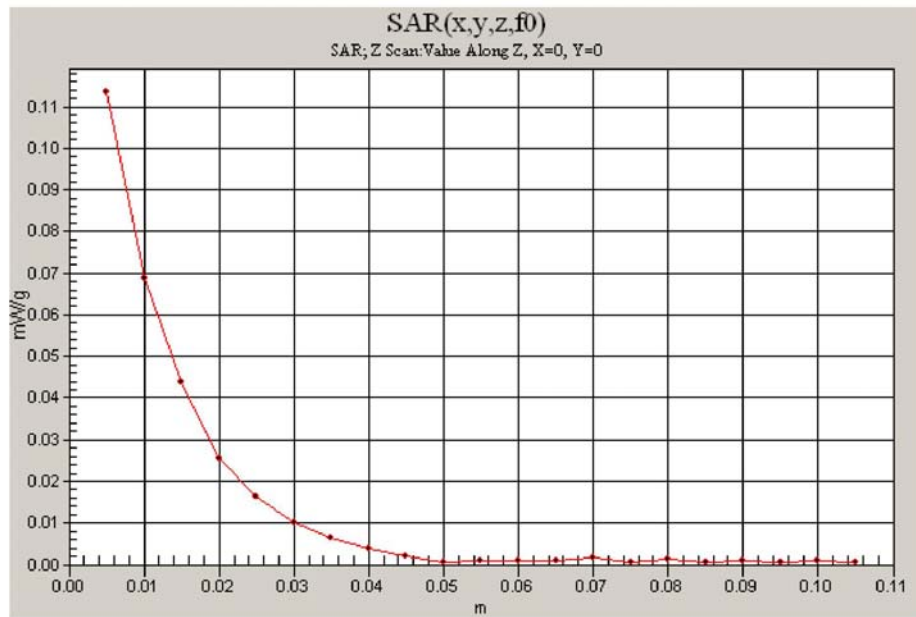
Reference Value = 11.5 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.355 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.668 mW/g





Right Cheek

Date/Time: 6/1/2007 2:05:21 PM

Test Laboratory: Electronics Testing Center, Taiwan

DUT: GPRS SPT100; Type: SPT100; Serial: N/A

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

Medium parameters used: $f = 1850.35$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Air temperature: 24 degC; Liquid temperature: 21.5 degC;

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1791; ConvF(5, 5, 5); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE4 Sn629;
- Phantom: SAM 12-2; Type: SAM4.0; Serial: TP-1347
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

RC-LOW-GPRS/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.196 mW/g

Warning: Maximum averaged SAR over 1 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 0.408 mW/g

RC-LOW-GPRS/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.388 mW/g

