

SAMSUNG FCC ID : A3LSGHE496 GSM850 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM850 Right(Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.4; Test Date29/Nov/2006

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.945 W/kg

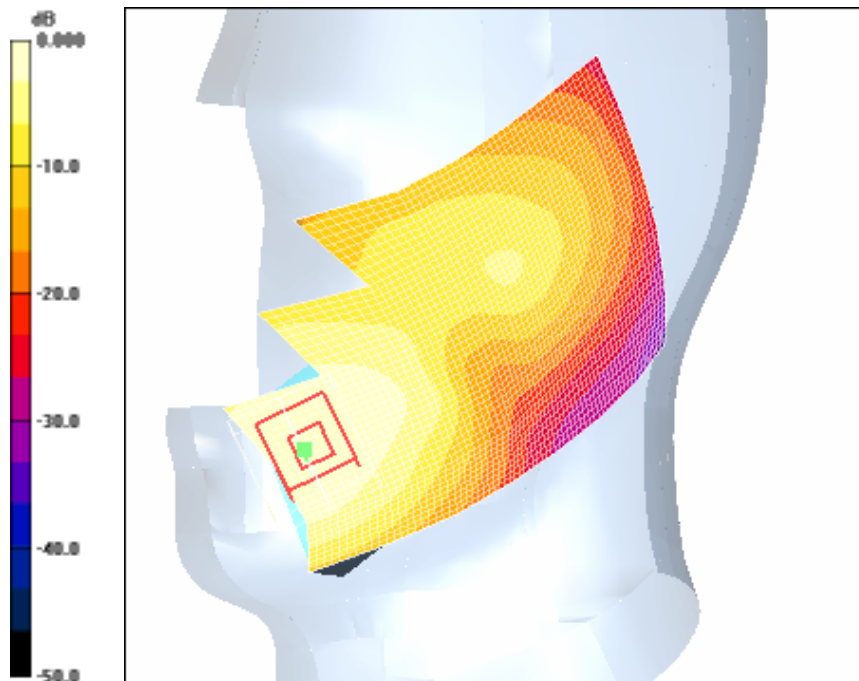
SAR(1 g) = 0.650 mW/g

Maximum value of SAR (measured) = 0.686 mW/g

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.710 mW/g



0 dB = 0.710mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM850 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM850 Right(Job No. : FD-234)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna Bat.Standard

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.4; Test Date29/Nov/2006

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.190, Ant.Intenna Bat.Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.081 mW/g

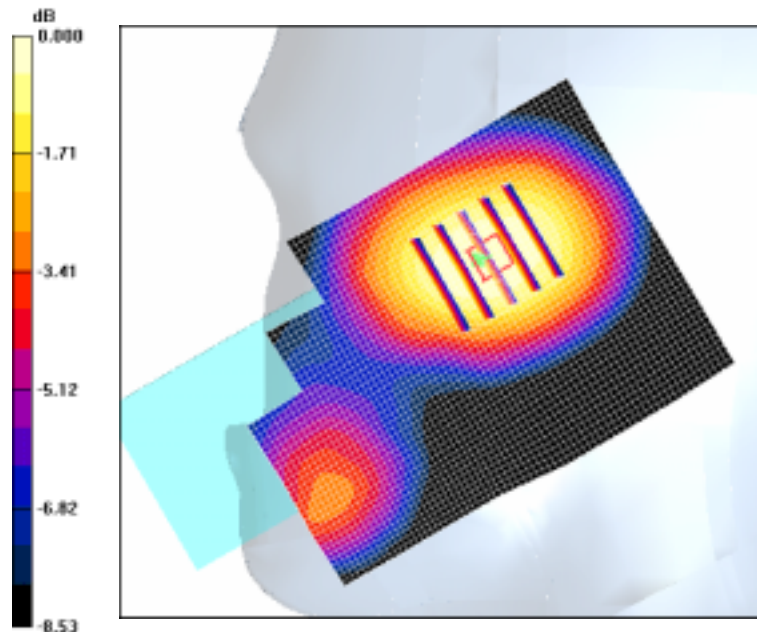
Ear/Tilt, Ch.190, Ant.Intenna Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.82 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM850 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM850 Left(Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.4; Test Date29/Nov/2006

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.528 mW/g

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

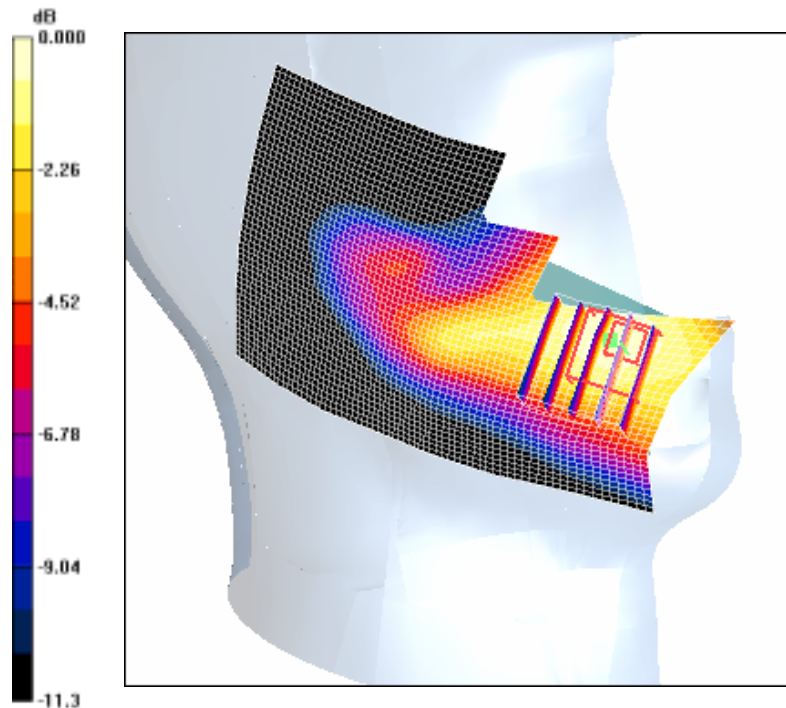
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



0 dB = 0.549mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM850 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM850 Left(Job No. : FD-234)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.4; Test Date29/Nov/2006

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.098 mW/g

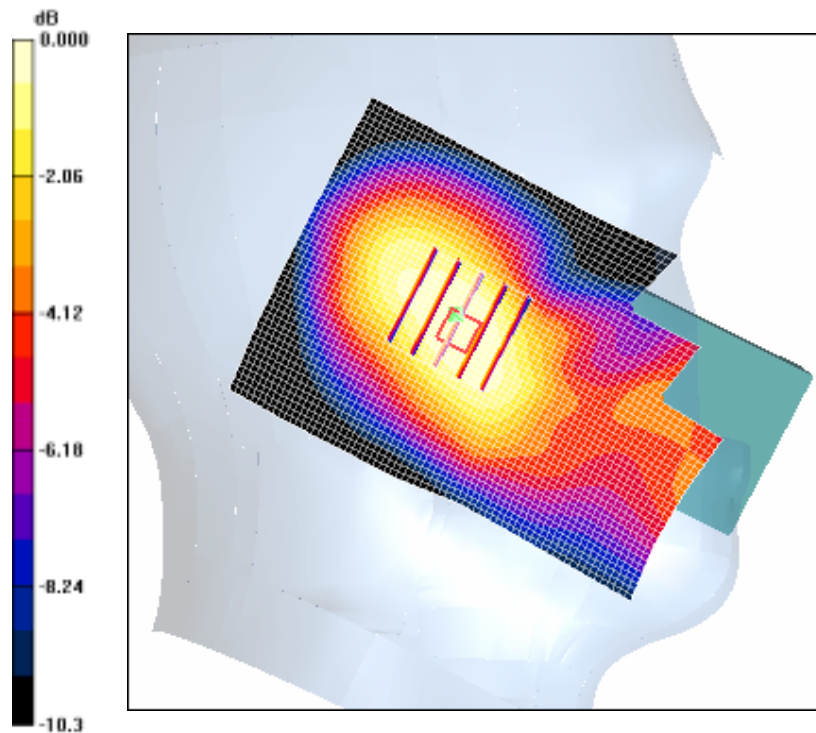
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.76 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.090 mW/g



0 dB = 0.090mW/g

SAMSUNG FCC ID : A3LSGHE496 GPRS850 Body SAR

DUT: SGH-E496(Body); Serial: FD-234-C

Program Name: SGH-E496 GSM850 Body (Job No. : FD-234)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.5; Test Date29/Nov/2006

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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

Body, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

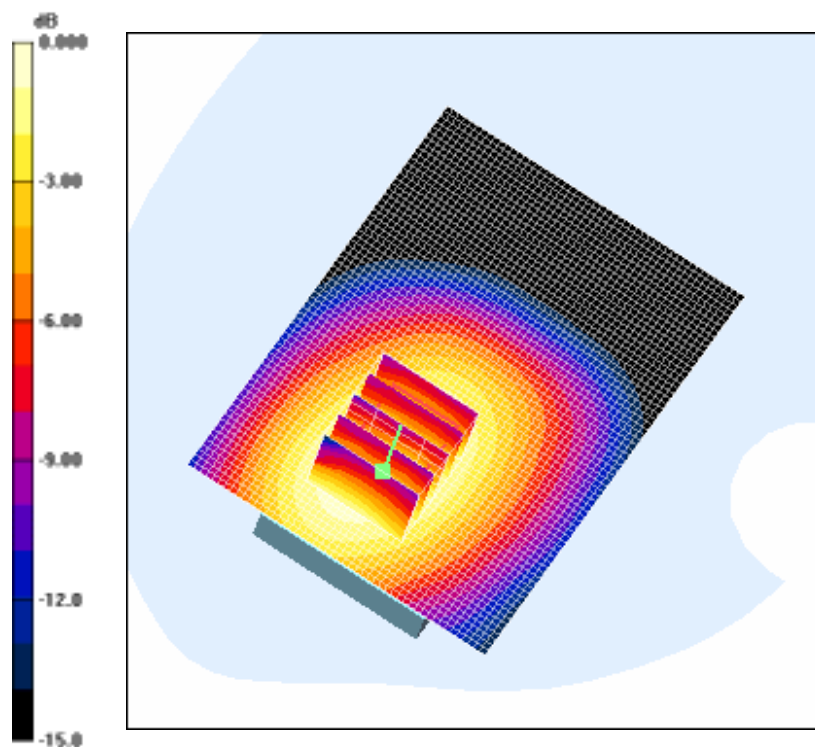
dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.21 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.365 mW/g

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



0 dB = 0.388mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM850 Head SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM850 Right(Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.4; Test Date29/Nov/2006

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.650 mW/g

Maximum value of SAR (measured) = 0.686 mW/g

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.710 mW/g



SAMSUNG FCC ID : A3LSGHE496 GPRS850 Body SAR

DUT: SGH-E496(Body); Serial: FD-234-C

Program Name: SGH-E496 GSM850 Body (Job No. : FD-234)

Procedure Name: Body, Ch.128, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-21.5; Test Date29/Nov/2006

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

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

Body, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

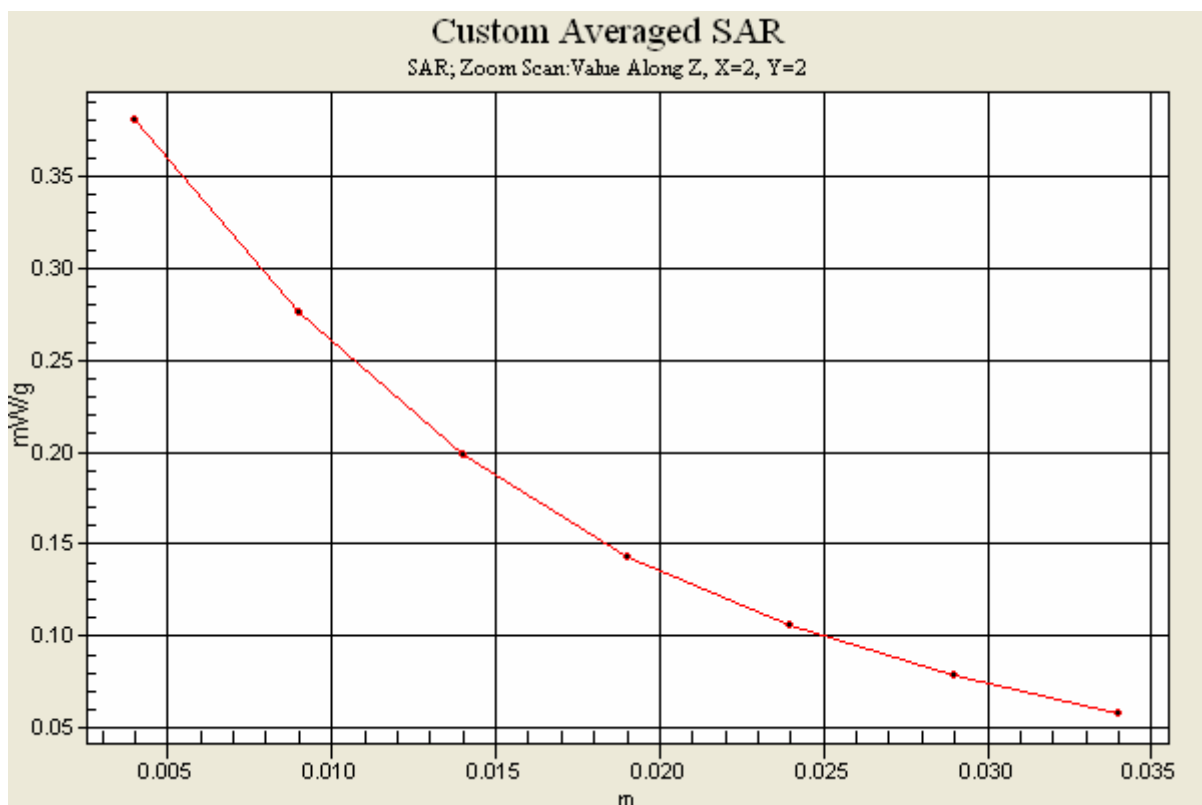
dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.21 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.365 mW/g

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



SAMSUNG FCC ID : A3LSGHE496 GSM1900 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM1900 Right (Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.7; Test Date29/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.37 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.597 W/kg

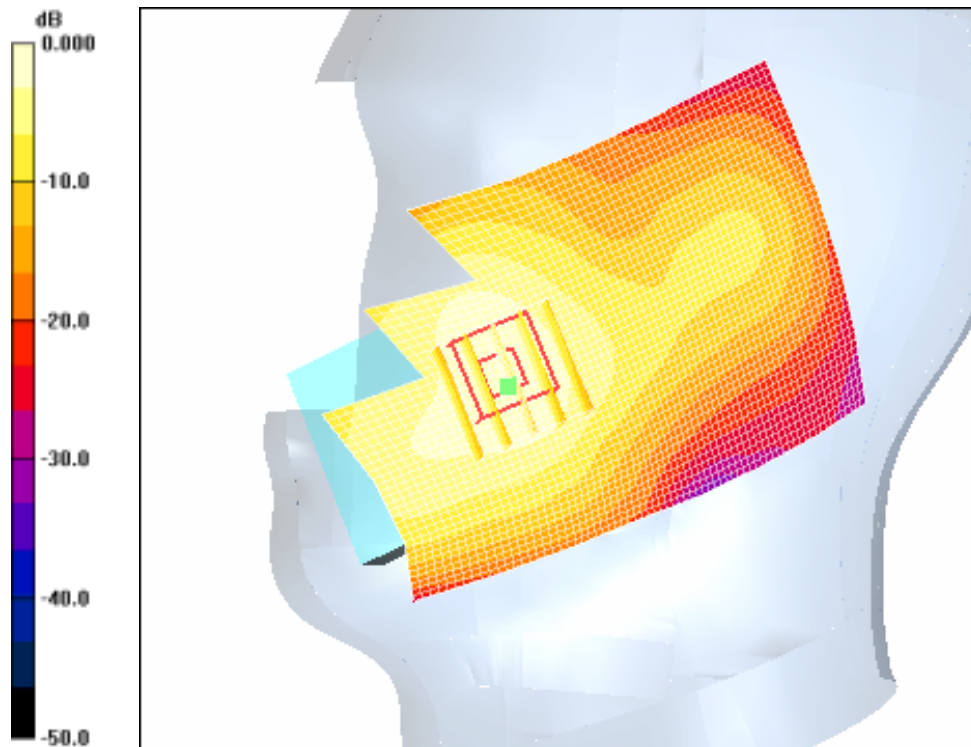
SAR(1 g) = 0.437 mW/g

Maximum value of SAR (measured) = 0.469 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.502 mW/g



0 dB = 0.502mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM1900 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM1900 Right (Job No. : FD-234)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.7; Test Date29/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.191 mW/g

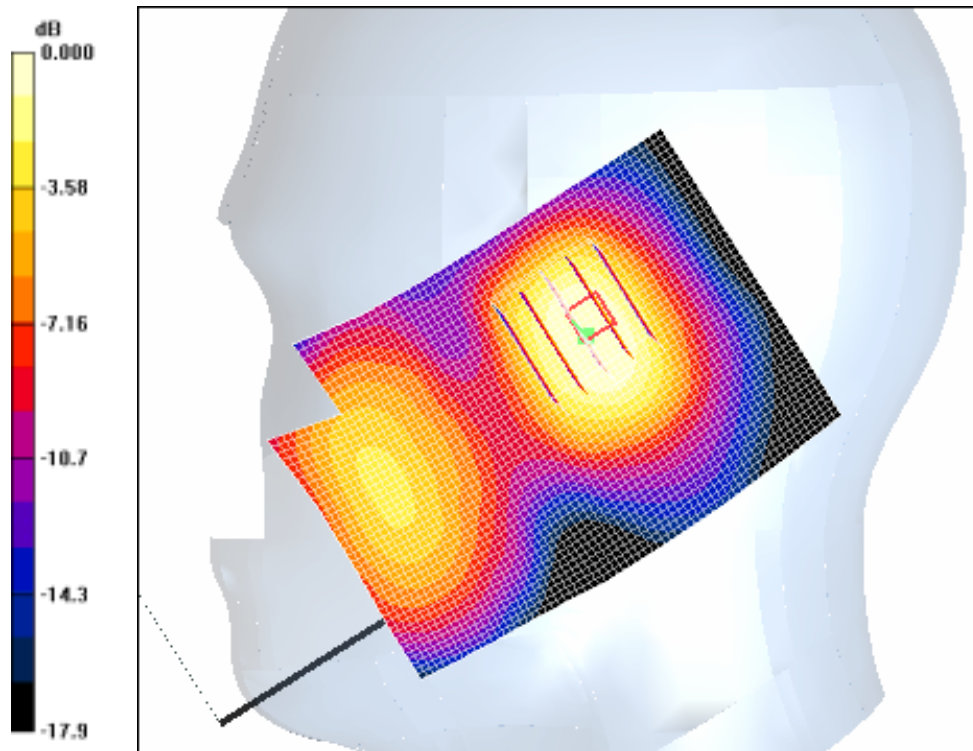
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.93 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM1900 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM1900 Left (Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.7; Test Date29/Nov/2006

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.675 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

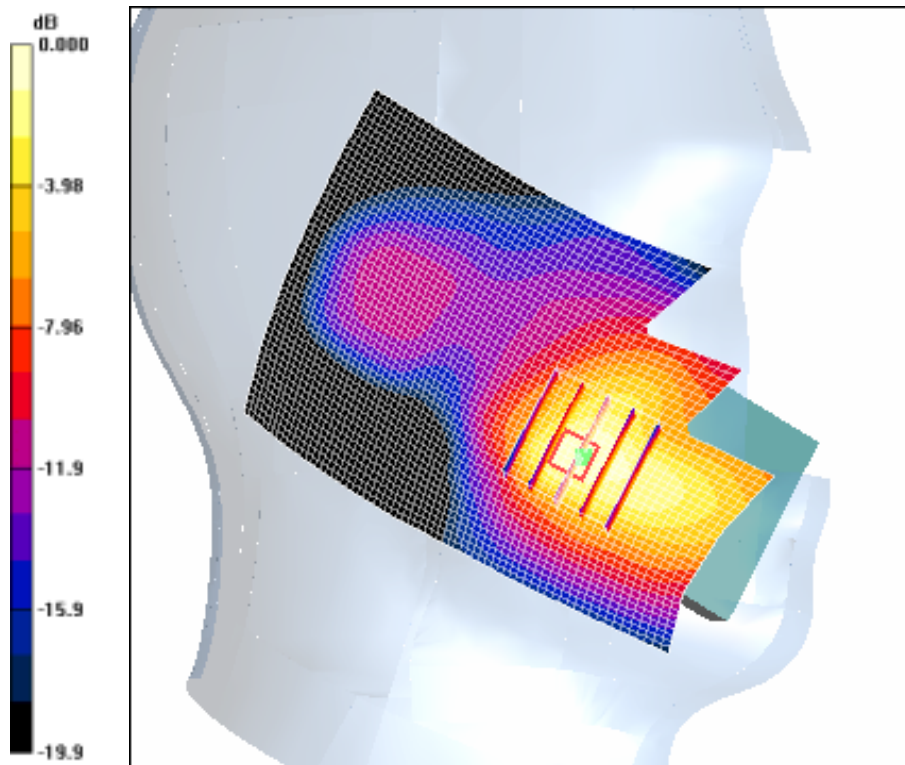
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.19 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.554 mW/g

Maximum value of SAR (measured) = 0.607 mW/g



0 dB = 0.607mW/g

SAMSUNG FCC ID : A3LSGHE496 GSM1900 HEAD SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM1900 Left (Job No. : FD-234)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.7; Test Date29/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.171 W/kg

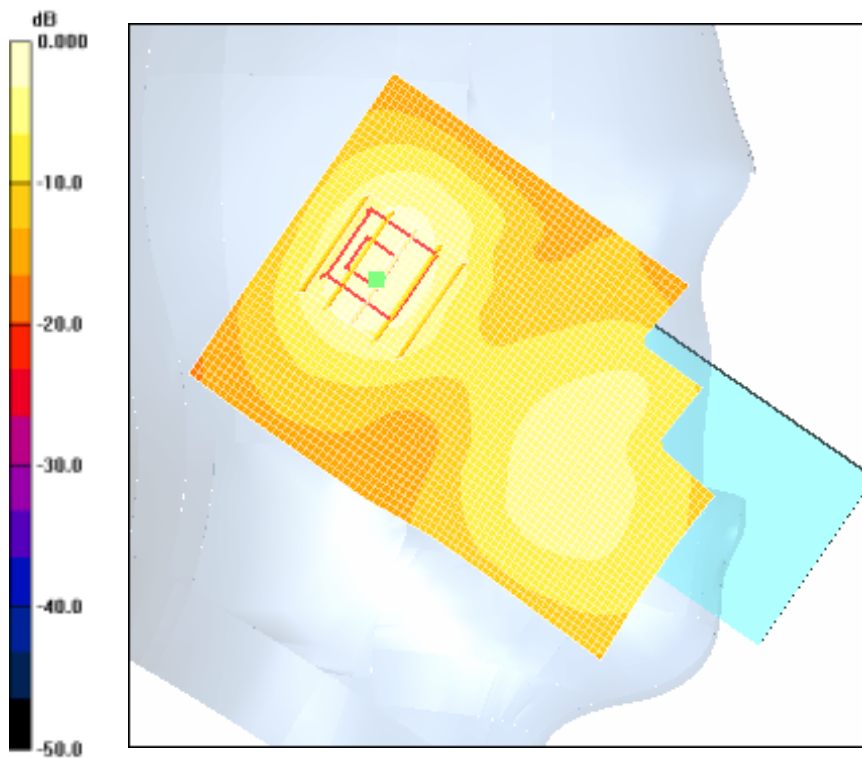
SAR(1 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.127 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.182 mW/g

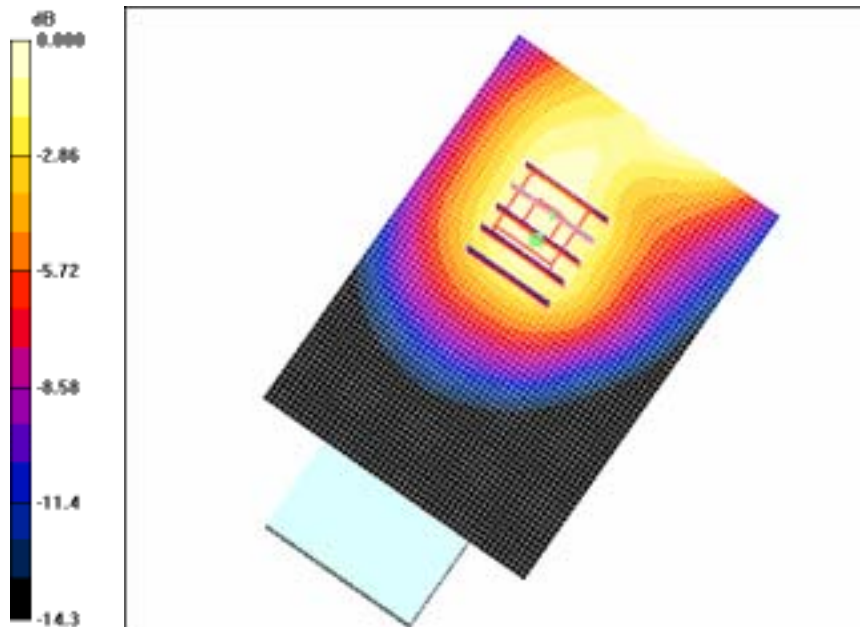


0 dB = 0.182mW/g

SAMSUNG FCC ID : A3LSGHE496 GPRS1900 Body SAR
DUT: SGH-E496(Body); Serial: FD-234-C
Program Name: SGH-E496 GPRS1900 Body (Job No. : FD-234)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.4; Tissue Temp(celsius)-21.6; Test Date29/Nov/2006
 Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 DASY4 Configuration:
 - Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn670; Calibrated: 2006-03-21
 - Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
 - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:
 $dx=20\text{mm}$, $dy=20\text{mm}$
 Maximum value of SAR (interpolated) = 0.424 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.81 V/m; Power Drift = 0.182 dB
 Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.397 mW/g
 Maximum value of SAR (measured) = 0.422 mW/g



0 dB = 0.422mW/g

SAMSUNG FCC ID : A3LSGHE496 GPRS1900 Head SAR

DUT: SGH-E496; Serial: FD-234-C

Program Name: SGH-E496 GSM1900 Left (Job No. : FD-234)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.5; Tissue Temp(celsius)-21.7; Test Date-29/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.675 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.19 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.554 mW/g

Maximum value of SAR (measured) = 0.607 mW/g



SAMSUNG FCC ID : A3LSGHE496 GSM1900 Body SAR

DUT: SGH-E496(Body); Serial: FD-234-C

Program Name: SGH-E496 GPRS1900 Body (Job No. : FD-234)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard

Meas. Ambient Temp(celsius)-22.4; Tissue Temp(celsius)-21.6; Test Date-29/Nov/2006

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.424 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.422 mW/g

