

SAMSUNG FCC ID : A3LSGHC426 GSM850 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Right (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.7, Tissue Temp(celsius)-21.3 ;Test Date-22/Feb/2007

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

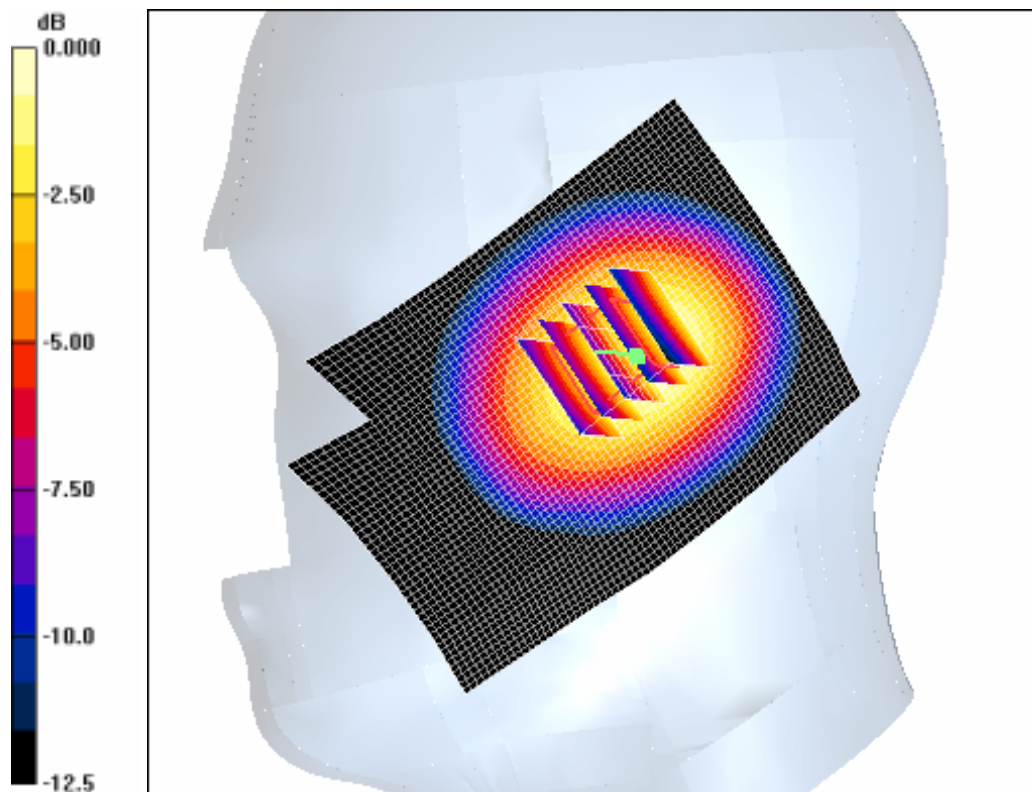
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.15 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM850 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Right (Job No. : FE-023)

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

Meas.Ambient Temp(celsius)-21.7, Tissue Temp(celsius)-21.3 ;Test Date-22/Feb/2007

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.593 mW/g

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

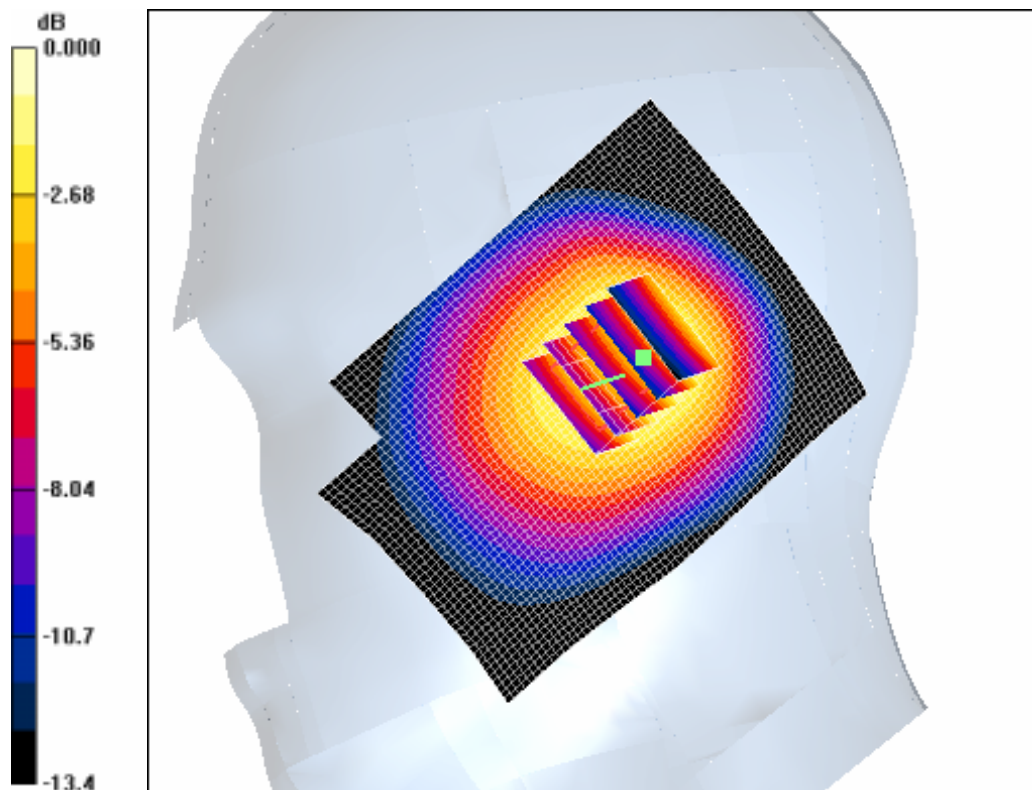
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.534 mW/g



0 dB = 0.534mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM850 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Left (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius) - 21.7, Tissue Temp(celsius) - 21.3 ; Test Date - 22/Feb/2007

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.36 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

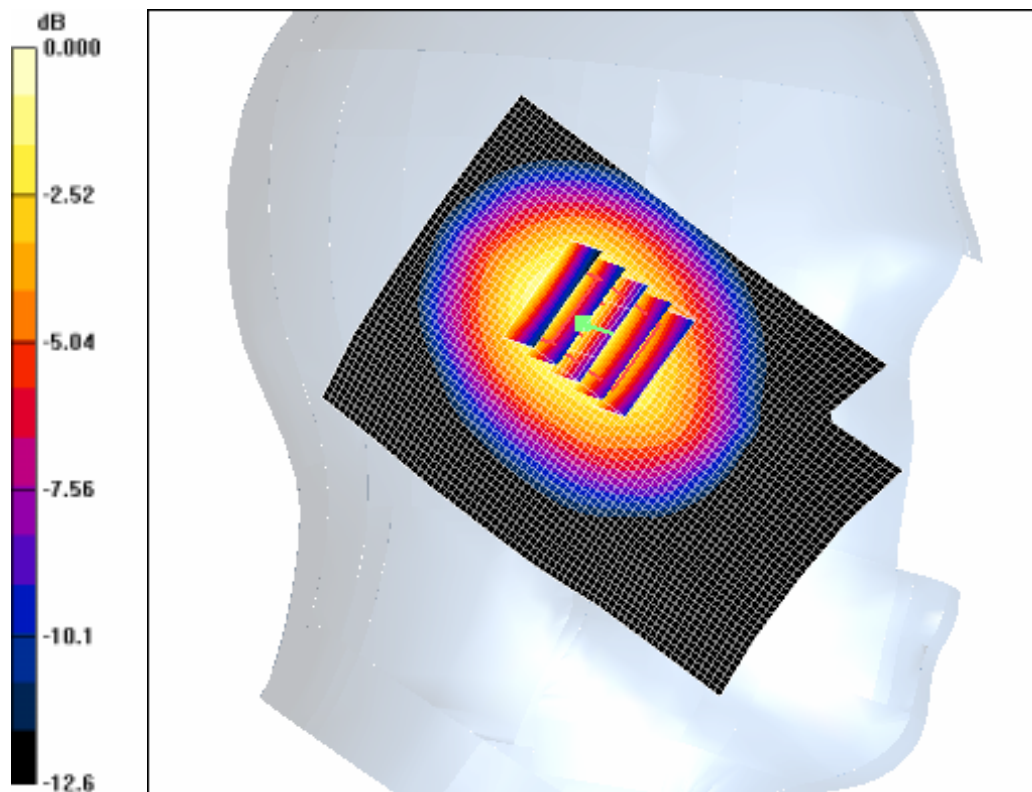
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.23 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM850 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Left (Job No. : FE-023)

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

Meas.Ambient Temp(celsius) - 21.7, Tissue Temp(celsius) - 21.3 ; Test Date - 22/Feb/2007

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.608 mW/g

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

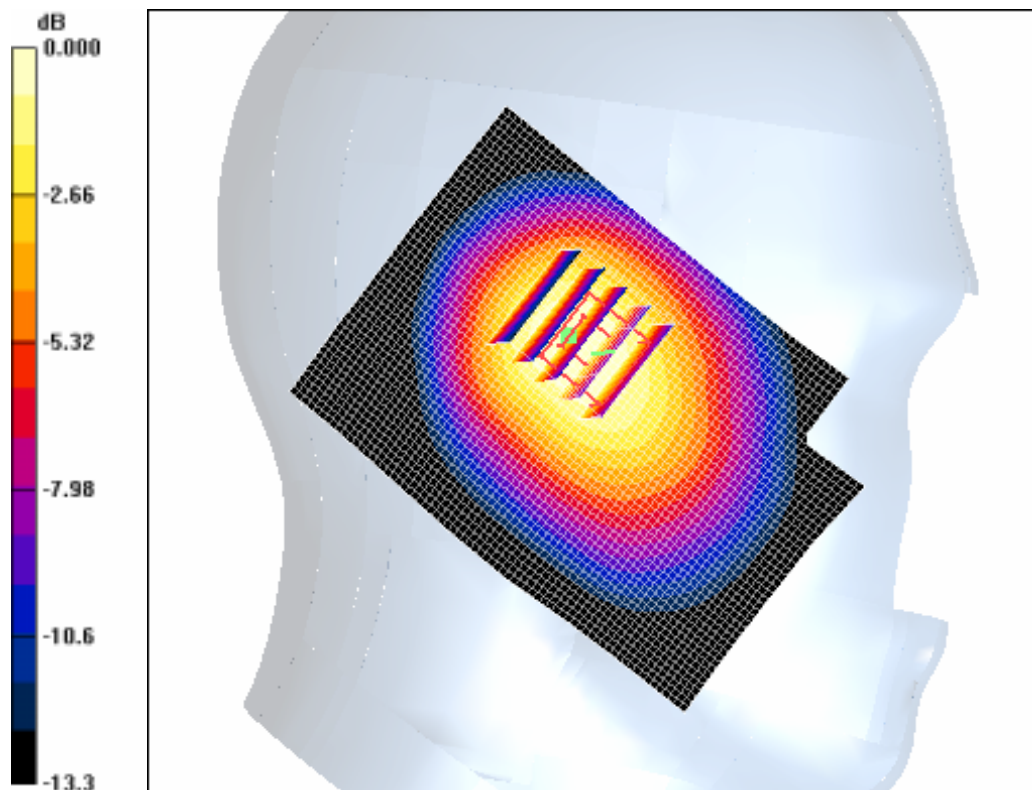
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.558 mW/g

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.594mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM850 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Left (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius) - 21.7, Tissue Temp(celsius) - 21.3 ; Test Date - 22/Feb/2007

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

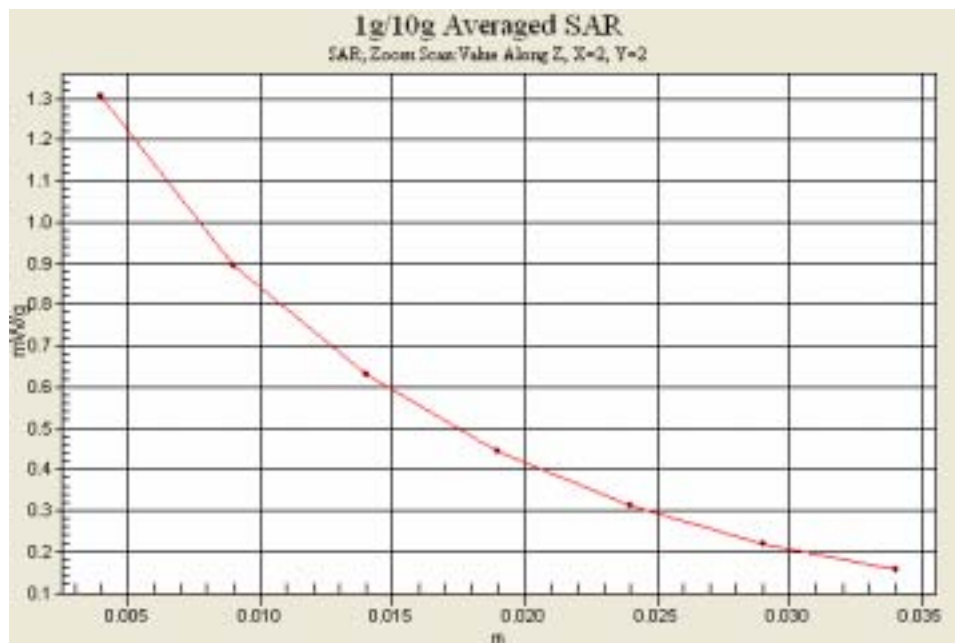
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.23 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



SAMSUNG FCC ID : A3LSGHC426 GPRS850 Body SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Body (Job No. : FE-023)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius) - 21.8, Tissue Temp(celsius) - 21.4 ; Test Date - 22/Feb/2007

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.31, 6.31, 6.13); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.15 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

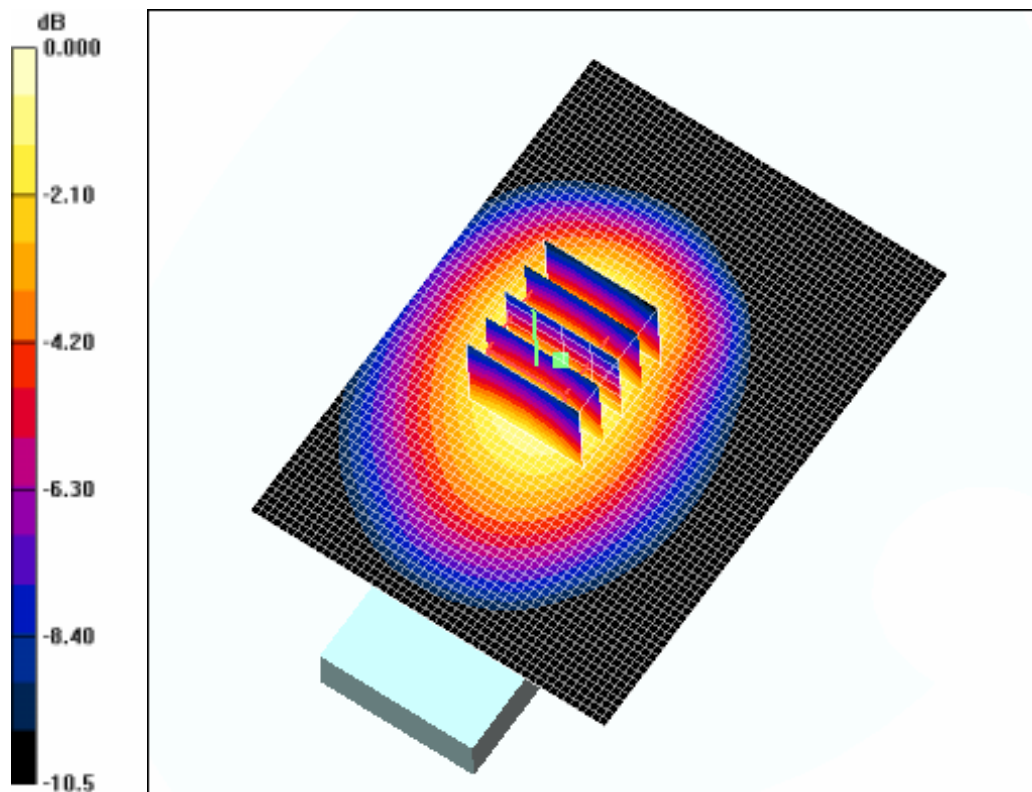
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.3 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

SAMSUNG FCC ID : A3LSGHC426 GPRS850 Body SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM850 Body (Job No. : FE-023)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius) - 21.8, Tissue Temp(celsius) - 21.4 ;Test Date - 22/Feb/2007

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.31, 6.31, 6.13); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.15 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

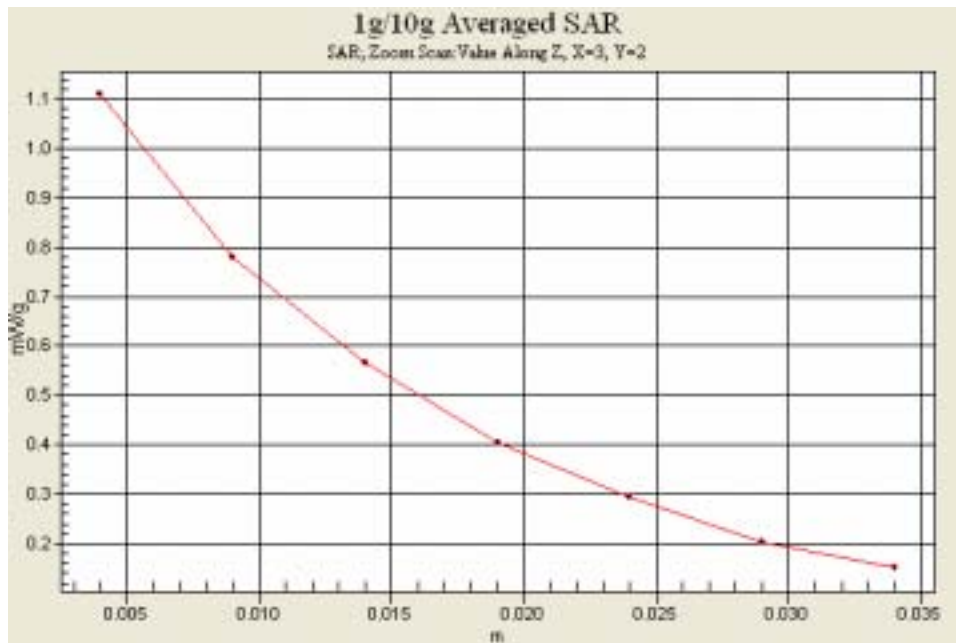
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.3 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



SAMSUNG FCC ID : A3LSGHC426 GSM1900 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Right (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-23/Feb/2007

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 16.9 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.71 W/kg

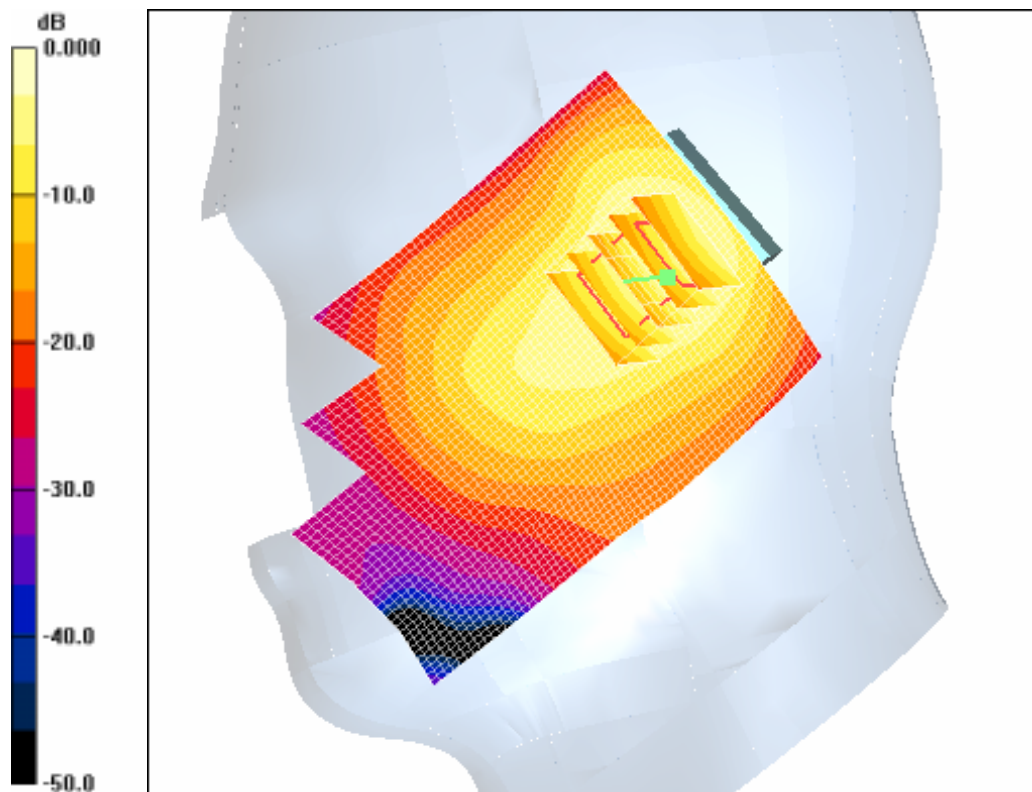
SAR(1 g) = 0.996 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.12 mW/g



0 dB = 1.12mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM1900 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Right (Job No. : FE-023)

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

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-23/Feb/2007

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Reference Value = 16.3 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.911 W/kg

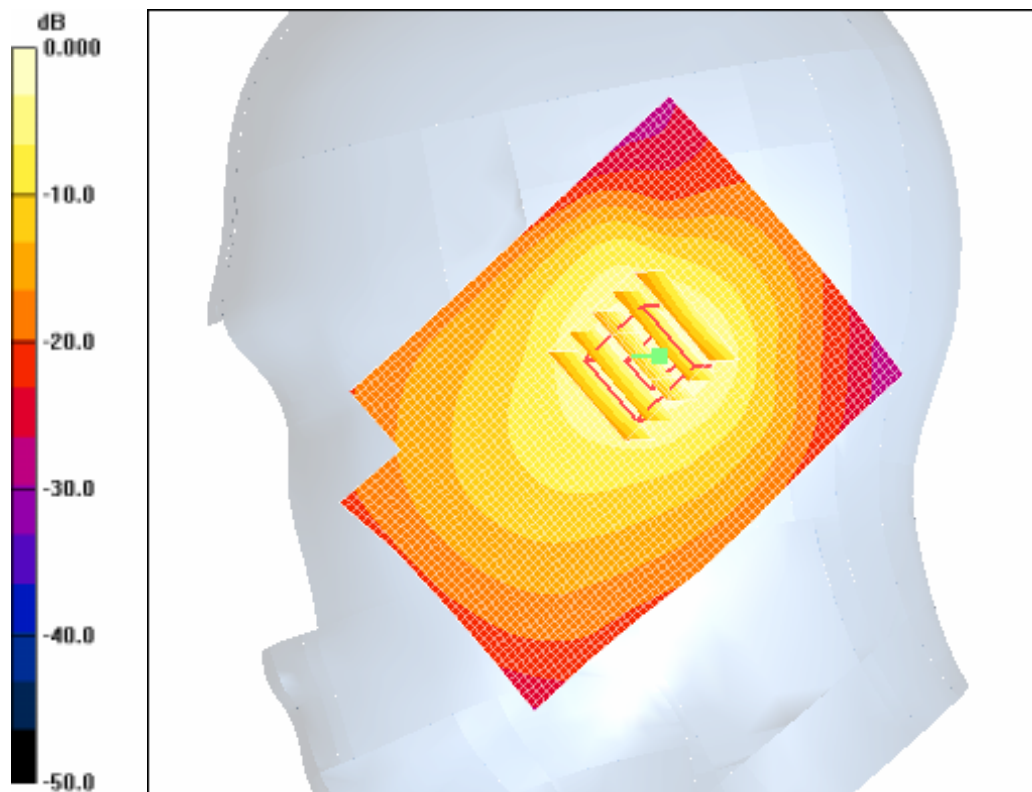
SAR(1 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.594 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.711 mW/g



0 dB = 0.711mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM1900 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Left (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-23/Feb/2007

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

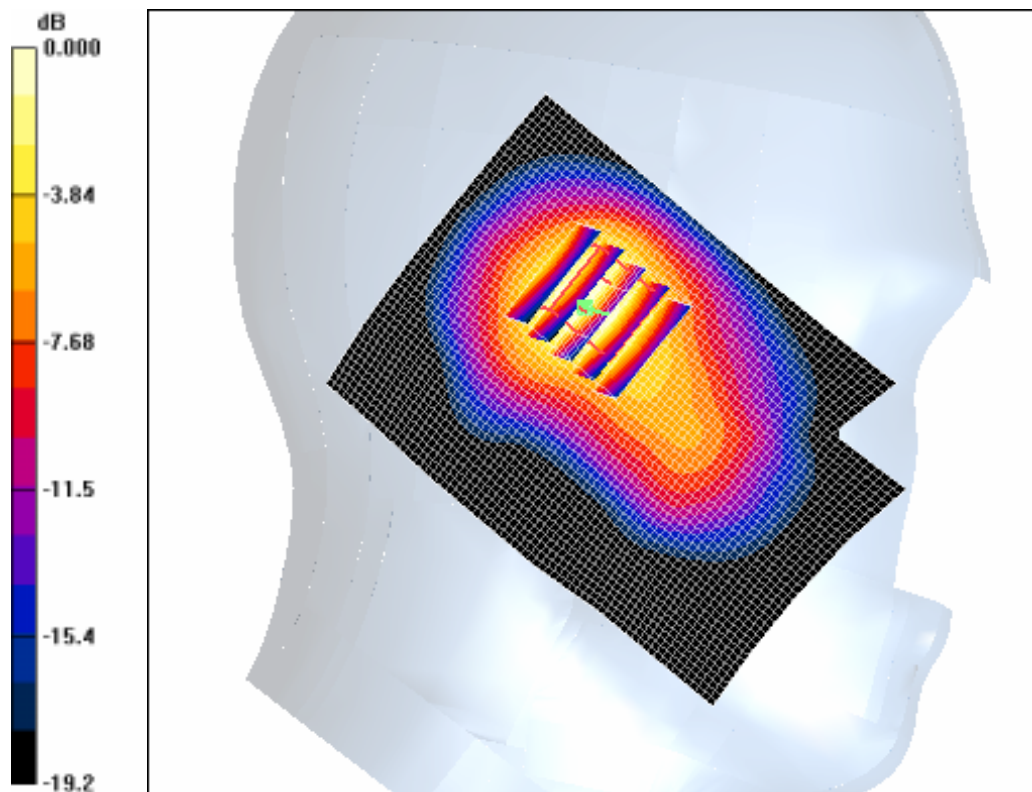
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.17 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM1900 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Left (Job No. : FE-023)

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

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-23/Feb/2007

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Reference Value = 16.3 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.950 W/kg

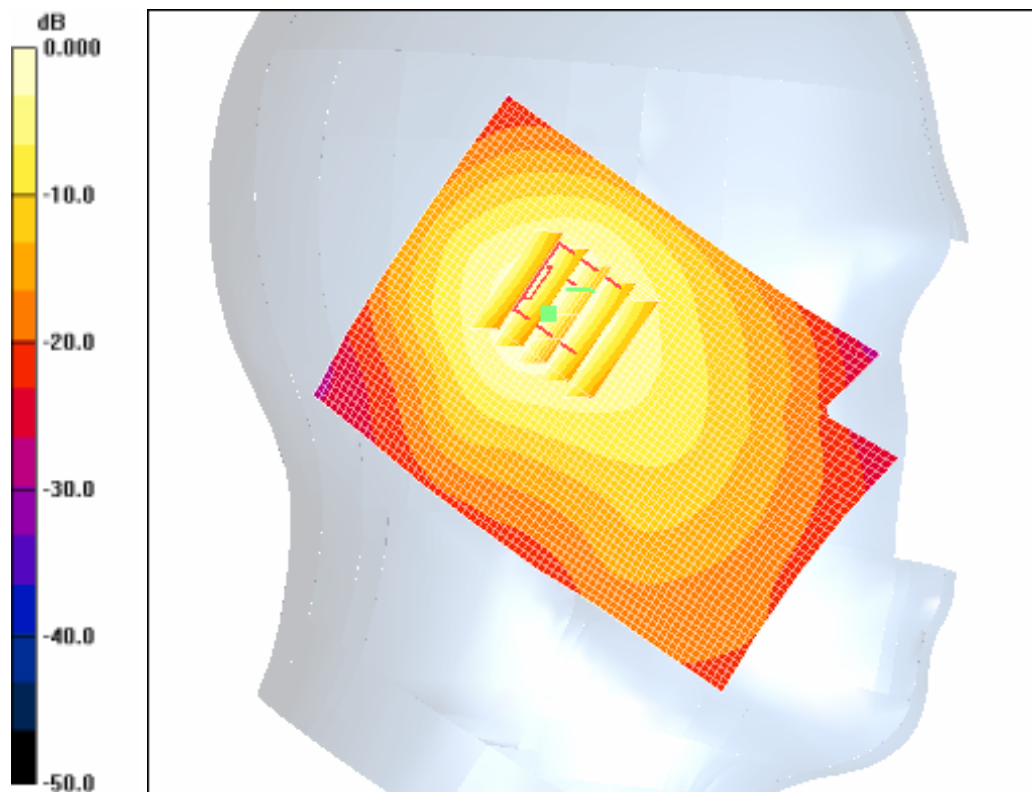
SAR(1 g) = 0.563 mW/g

Maximum value of SAR (measured) = 0.590 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.622 mW/g



0 dB = 0.622mW/g

SAMSUNG FCC ID : A3LSGHC426 GSM1900 Head SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Left (Job No. : FE-023)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6 ;Test Date-23/Feb/2007

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 17.5 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.17 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



SAMSUNG FCC ID : A3LSGHC426 GPRS1900 Body SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Body (Job No. : FE-023)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-23/Feb/2007

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.57, 4.57, 4.57); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.441 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

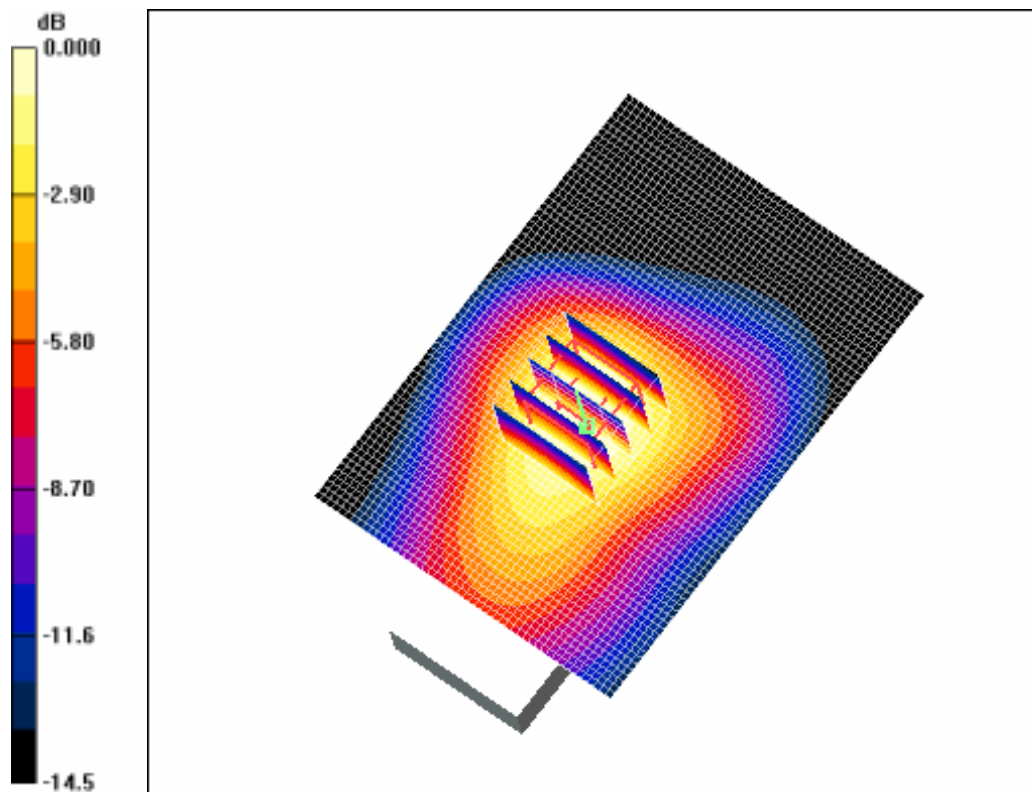
dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g

SAMSUNG FCC ID : A3LSGHC426 GPRS1900 Body SAR

DUT: SGH-C426; Serial: FE-023-A

Program Name: SGH-C426 GSM1900 Body (Job No. : FE-023)

Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard

Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-23/Feb/2007

Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.57, 4.57, 4.57); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2006-11-16
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.441 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 11.5 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.405 mW/g

