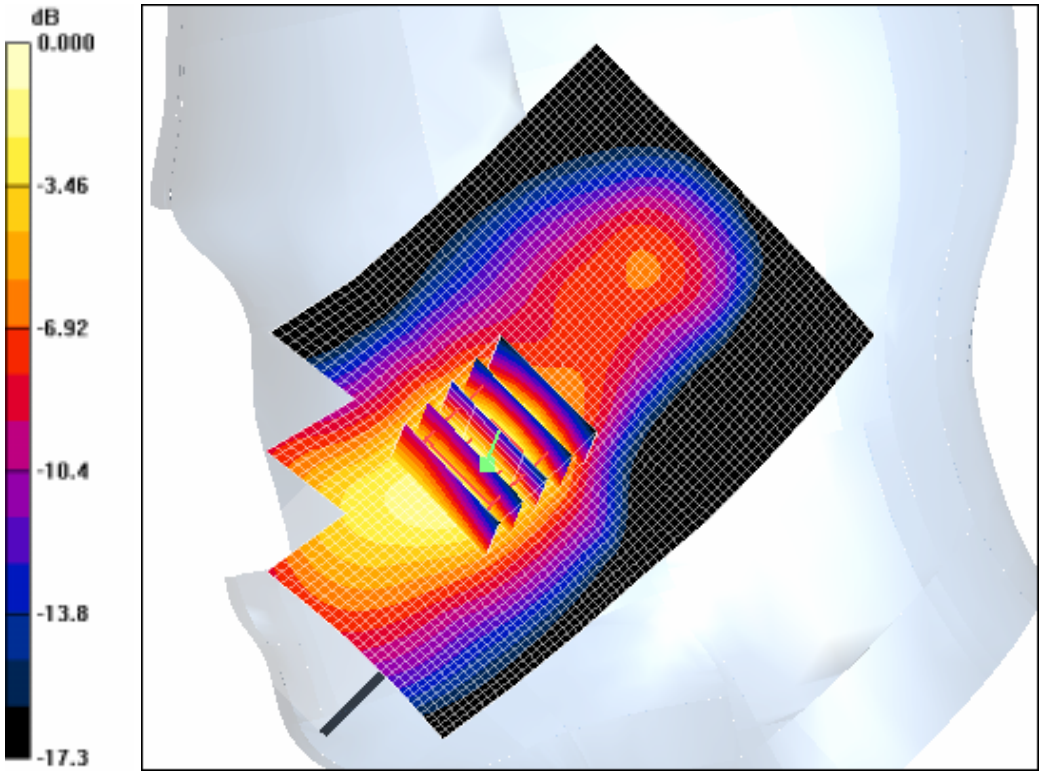
SAMSUNG FCC ID : A3LSGHE110 GSM1900 Head SAR
DUT: SGH-E110; Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Right (Job No. : FD-219)
Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-30/Oct/2006
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 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 = 22.0 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.06 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



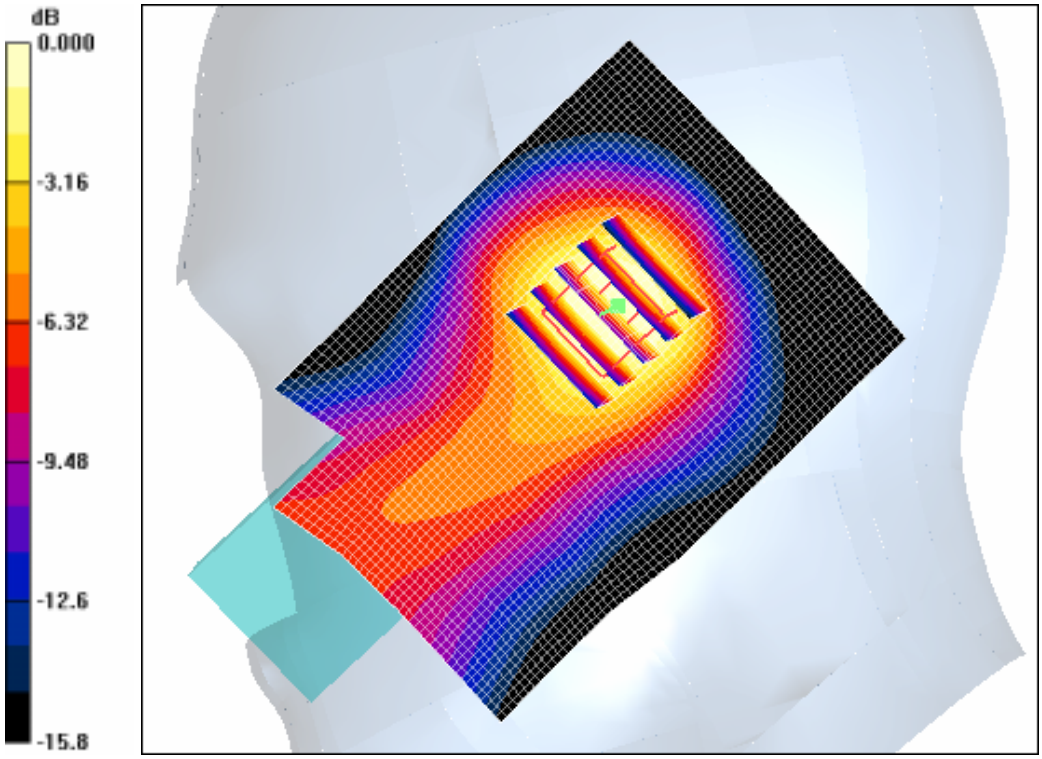
0 dB = 1.17mW/g

SAMSUNG FCC ID : A3LSGHE110 GSM1900 Head SAR
DUT: SGH-E110; Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Right (Job No. : FD-219)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-30/Oct/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Post processing 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) = 0.304 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 = 6.58 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.234 mW/g



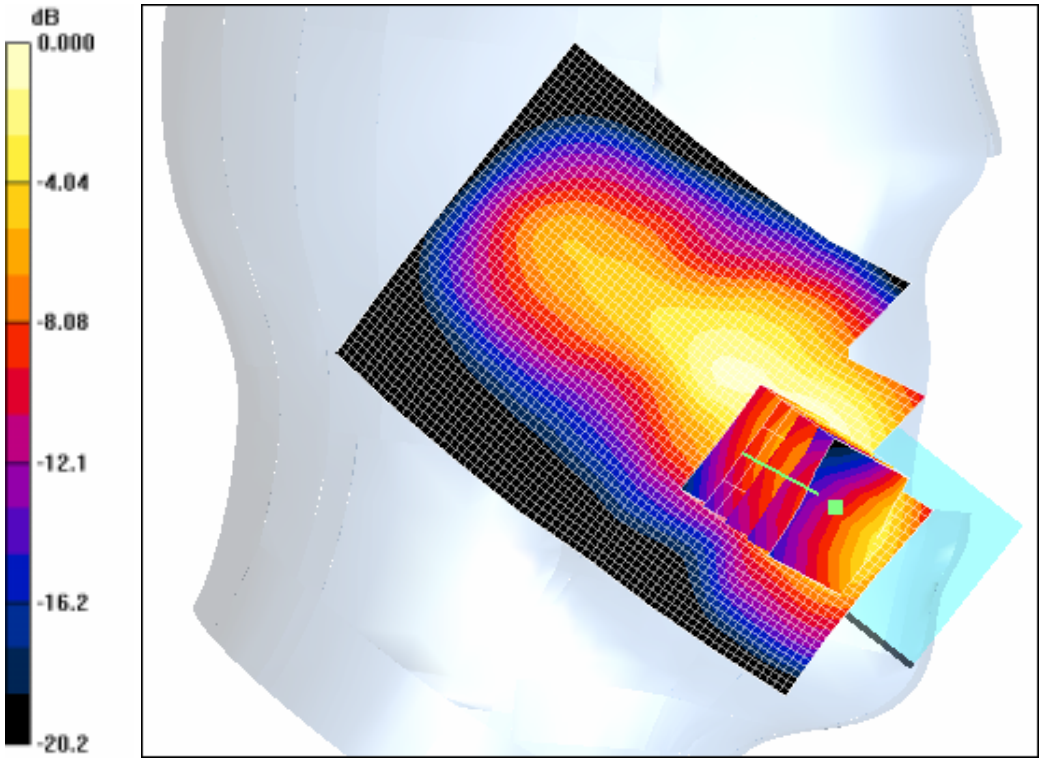
0 dB = 0.234mW/g

SAMSUNG FCC ID : A3LSGHE110 GSM1900 Head SAR
DUT: SGH-E110; Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Left (Job No. : FD-219)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-30/Oct/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Post processing 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) = 0.825 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 = 17.5 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.793 mW/g
Maximum value of SAR (measured) = 0.850 mW/g



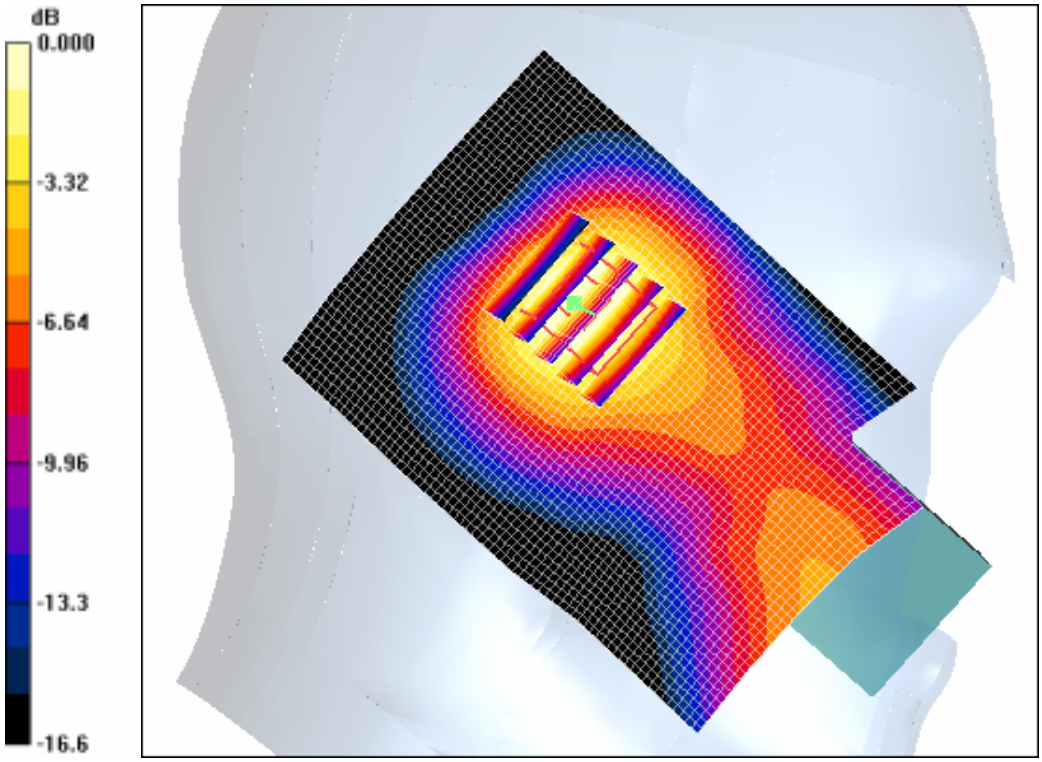
0 dB = 0.850mW/g

SAMSUNG FCC ID : A3LSGHE110 GSM1900 Head SAR
DUT: SGH-E110; Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Left (Job No. : FD-219)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-30/Oct/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Post processing 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) = 0.307 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 = 6.15 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



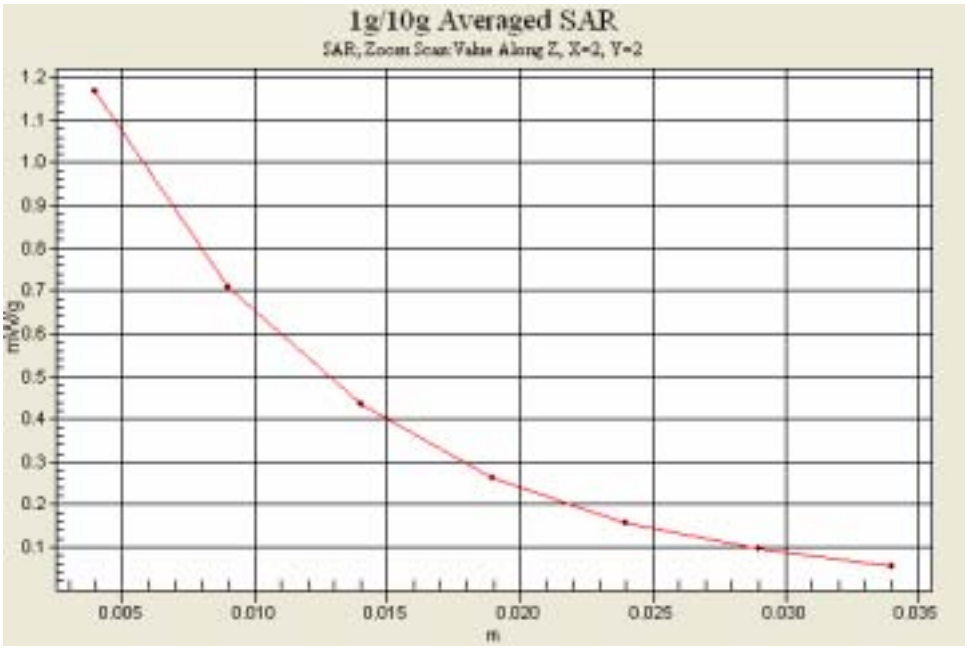
0 dB = 0.257mW/g

SAMSUNG FCC ID : A3LSGHE110 GSM1900 Head SAR
DUT: SGH-E110; Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Right (Job No. : FD-219)
Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.0, Tissue Temp(celsius)-21.7 ;Test Date-30/Oct/2006
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Post processing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 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 = 22.0 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.06 mW/g
Maximum value of SAR (measured) = 1.17 mW/g

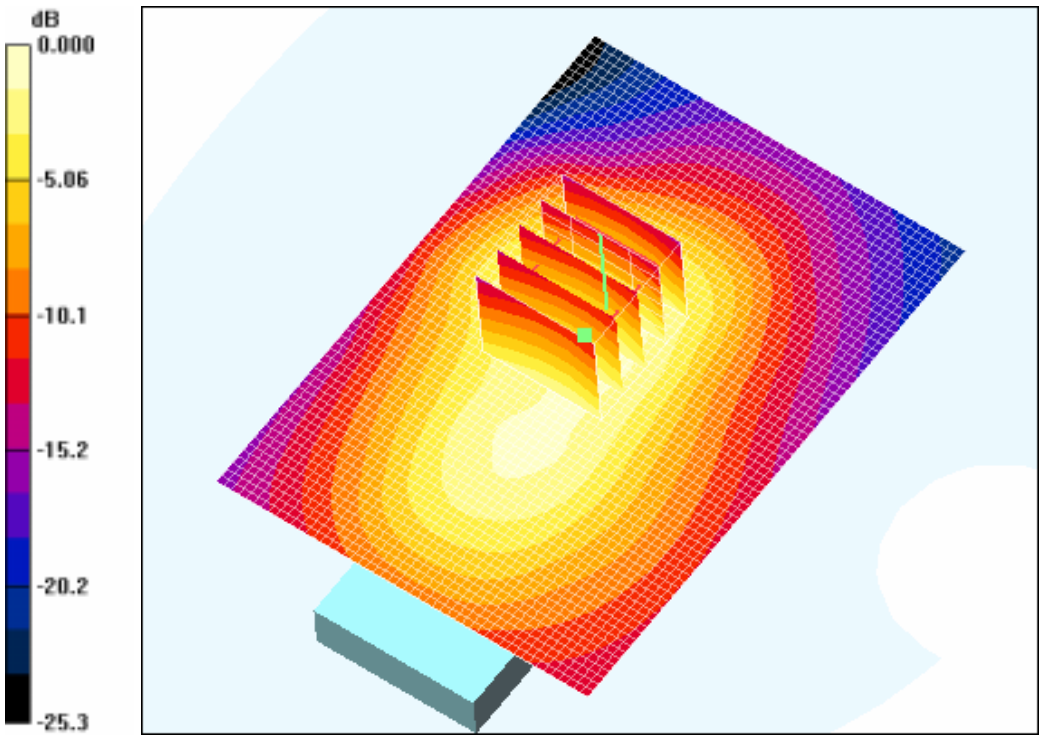


SAMSUNG FCC ID : A3LSGHE110 GPRS1900 Body SAR
DUT: SGH-E110(Body); Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Body (Job No. : FD-219)
Procedure Name: Body, Ch.0661, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9 ;Test Date-30/Oct/2006
Communication System: Body GPRS ; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Post processing SW: SEMCAD, V1.8 Build 171

Body, Ch.0661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.598 mW/g
Maximum value of SAR (measured) = 0.653 mW/g

Body, Ch.0661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.672 mW/g



0 dB = 0.672mW/g

SAMSUNG FCC ID : A3LSGHE110 GPRS1900 Body SAR
DUT: SGH-E110(Body); Serial: FD-219-C
Program Name: SGH-E110 GSM1900 Body (Job No. : FD-219)
Procedure Name: Body, Ch.0661, Ant.Intenna, Bat.Standard
Meas.Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9 ;Test Date-30/Oct/2006
Communication System: Body GPRS ; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
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: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Post processing SW: SEMCAD, V1.8 Build 171

Body, Ch.0661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.598 mW/g
Maximum value of SAR (measured) = 0.653 mW/g

Body, Ch.0661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.672 mW/g