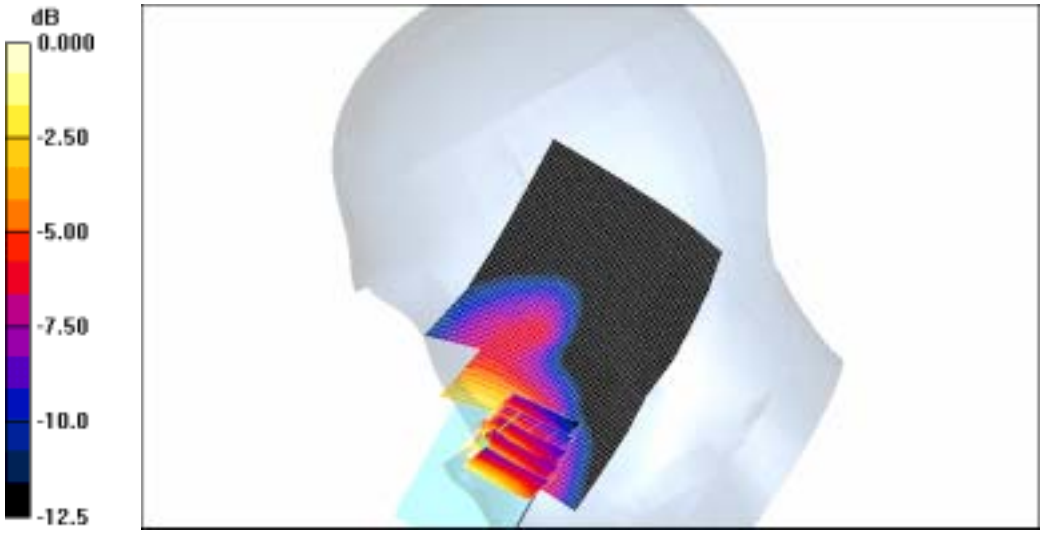
APPENDIX F

Plots of The SAR Measurements

SAMSUNG FCC ID : A3LSGHD836 835MHz GSM850 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM850 Right(Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3 Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.34 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.241 mW/g

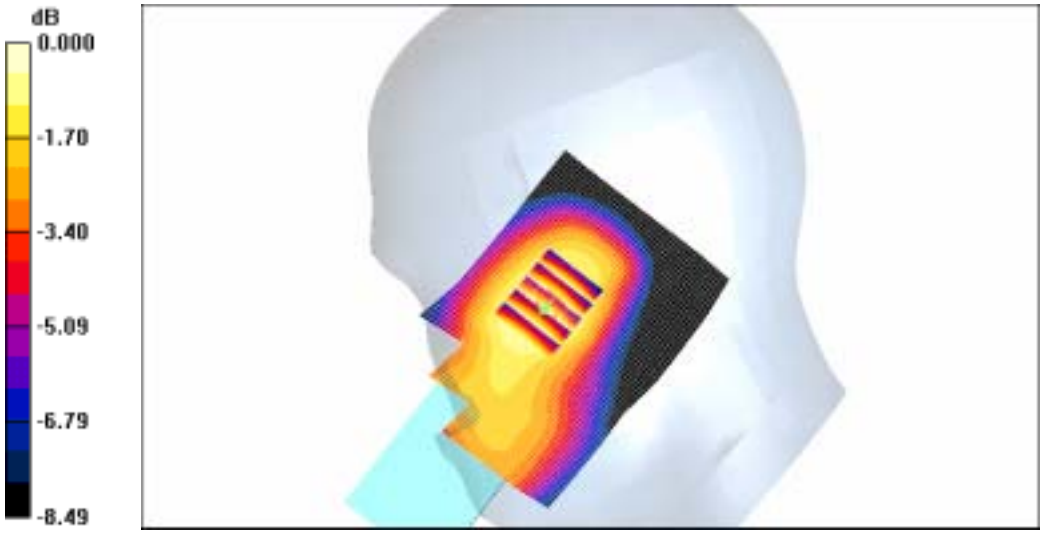


0 dB = 0.241mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GSM850 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM850 Right(Job No. : FD-168)
Procedure Name: Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3 Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.032 mW/g

Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.80 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.036 W/kg
SAR(1 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.032 mW/g

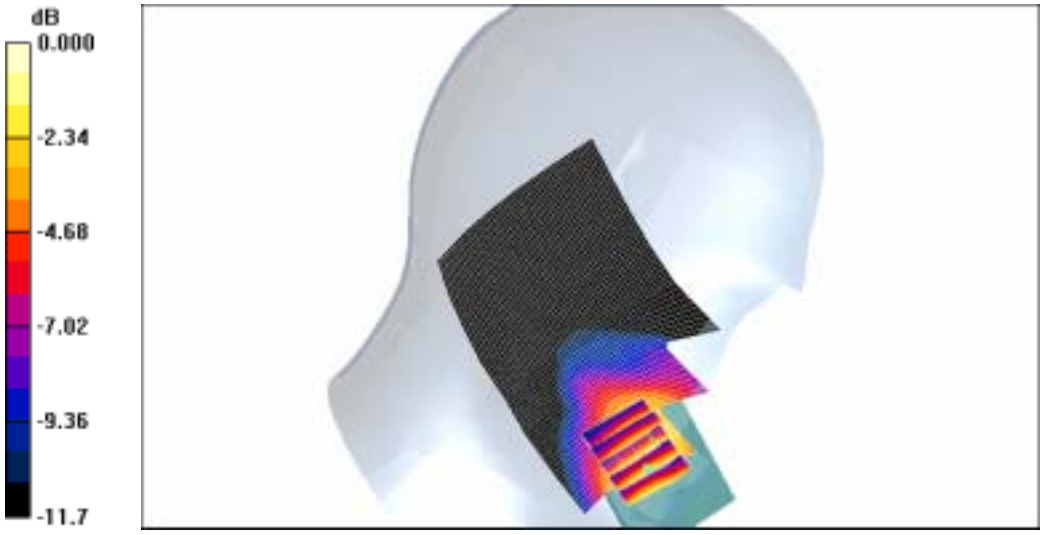


0 dB = 0.032mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GSM850 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM850 Left(Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard with BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3 Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.251, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.349 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.15 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.406 mW/g

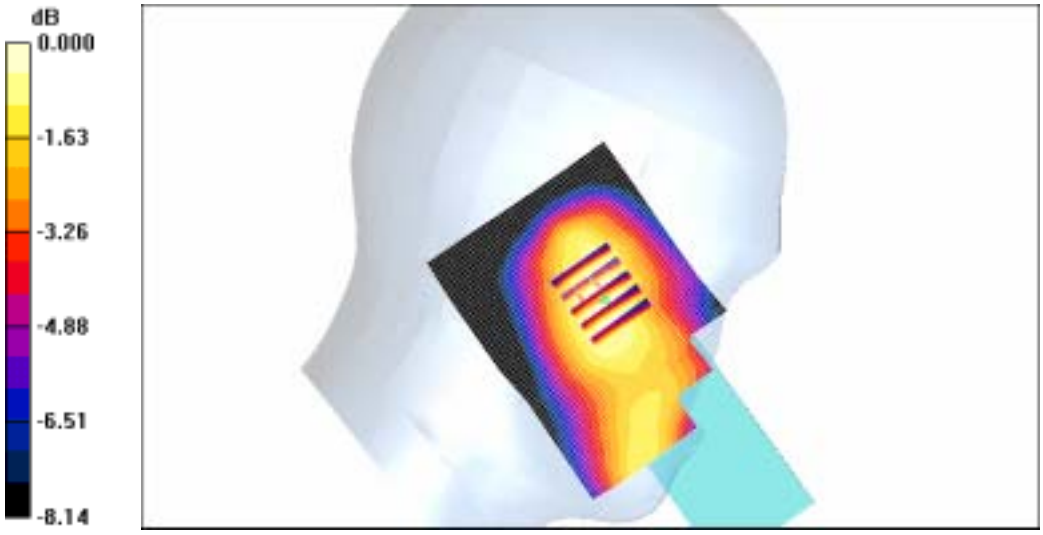


0 dB = 0.406mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GSM850 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM850 Left(Job No. : FD-168)
Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3 Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.028 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 = 5.55 V/m; Power Drift = -0.197 dB
Peak SAR (extrapolated) = 0.034 W/kg
SAR(1 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.029 mW/g

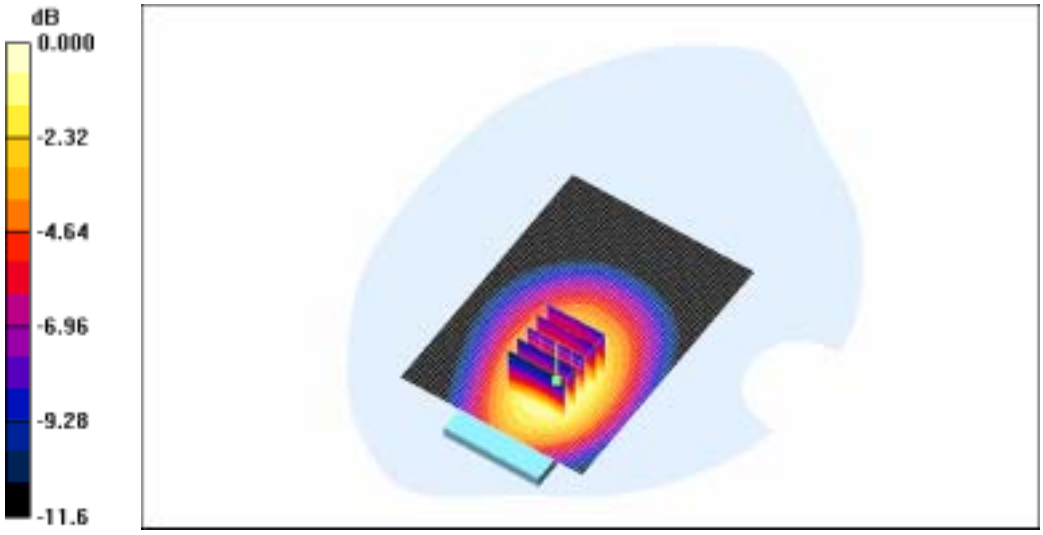


0 dB = 0.029mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GPRS850 Body SAR
DUT: SGH-D836(Body); Serial: FD-168-B
Program Name: SGH-D836 GSM850 Body (Job No. : FD-168)
Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.4Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.991 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

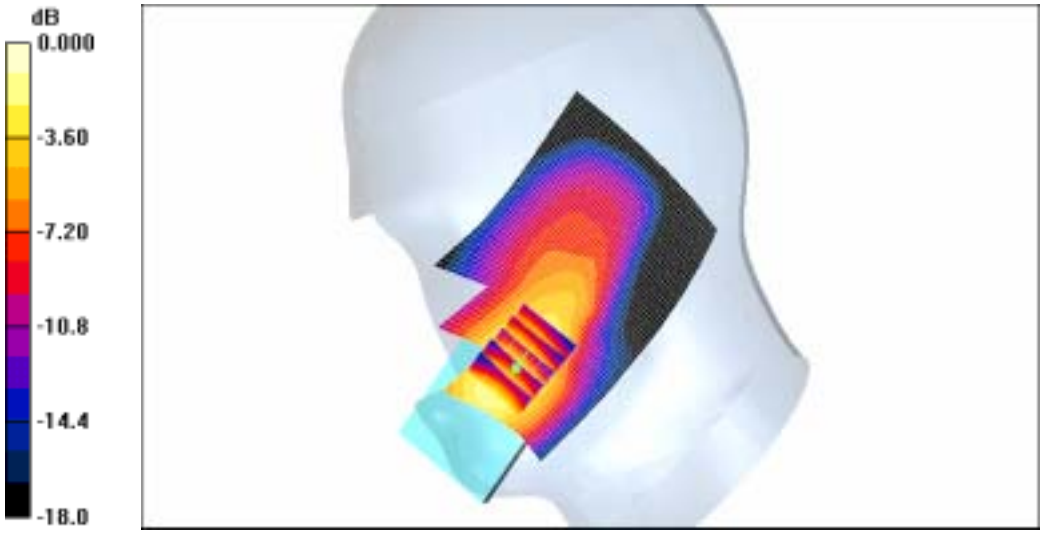


0 dB = 1.06mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GSM1900 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM1900 Right (Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
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 = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.504 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 = 9.85 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.496 mW/g

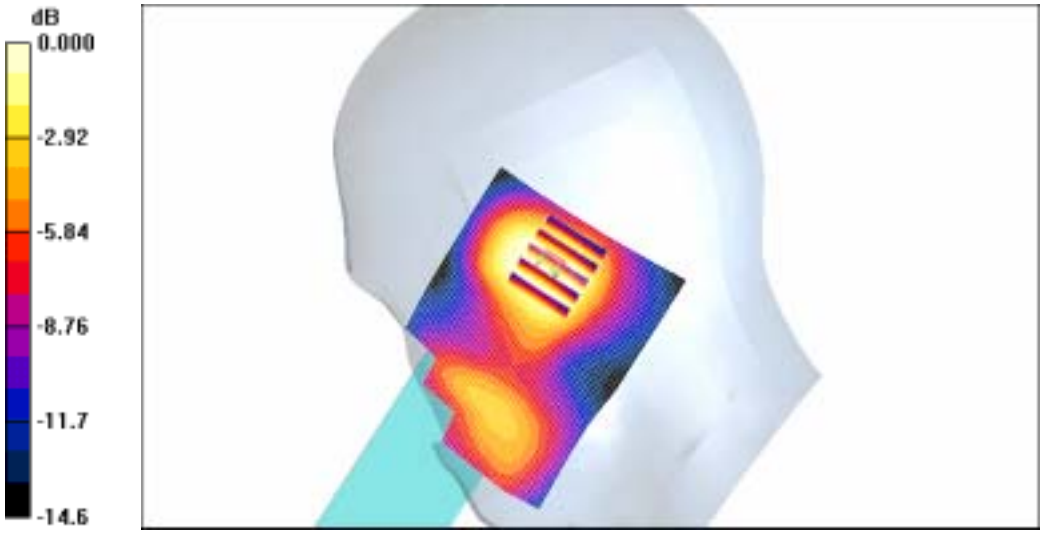


0 dB = 0.496mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GSM1900 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM1900 Right (Job No. : FD-168)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
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 = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.201 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 = 8.32 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.153 mW/g

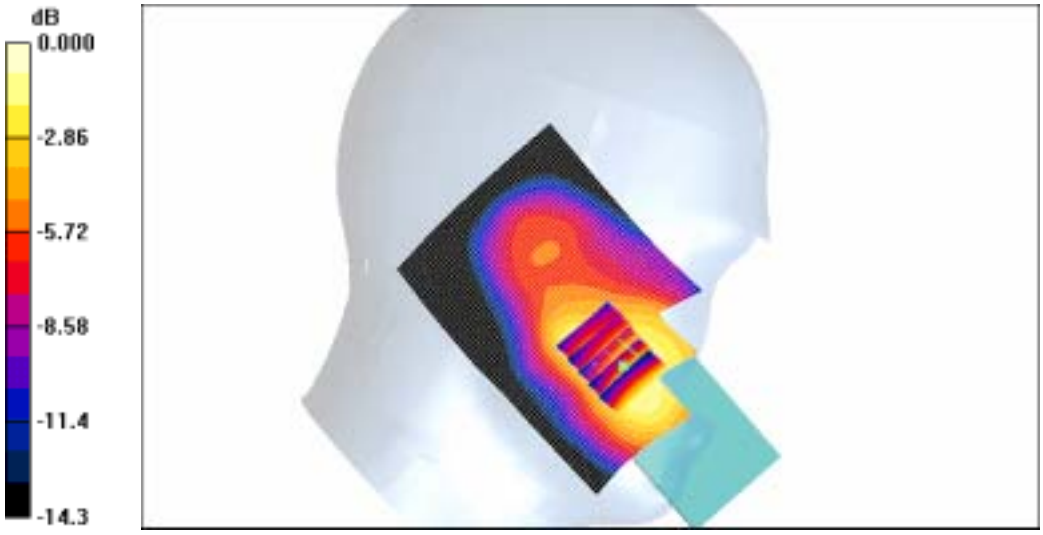


0 dB = 0.153mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GSM1900 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM1900 Left (Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
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 = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.239 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 = 9.55 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.290 mW/g

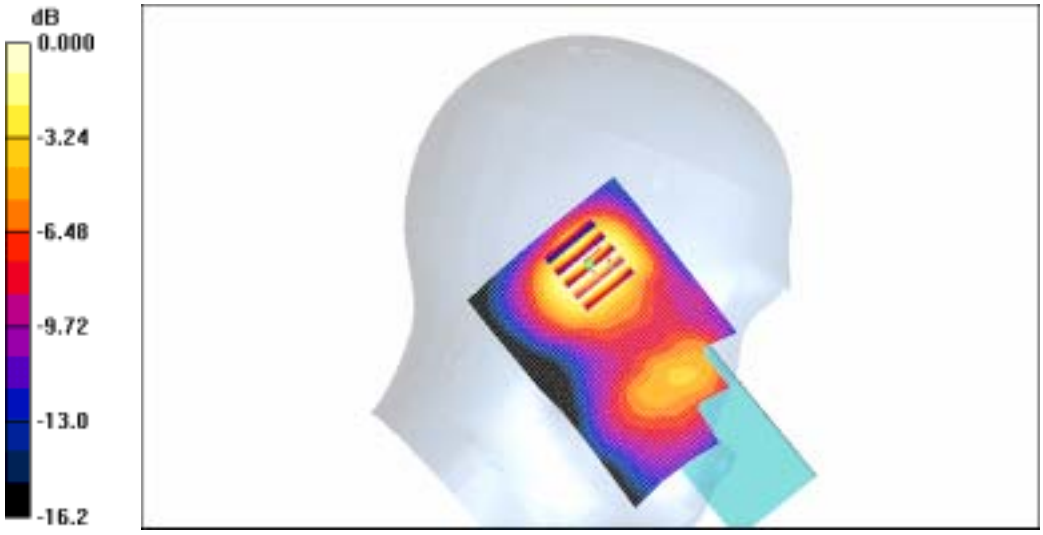


0 dB = 0.290mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GSM1900 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM1900 Left (Job No. : FD-168)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
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 = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.211 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 = 4.18 V/m; Power Drift = 0.149 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.180 mW/g

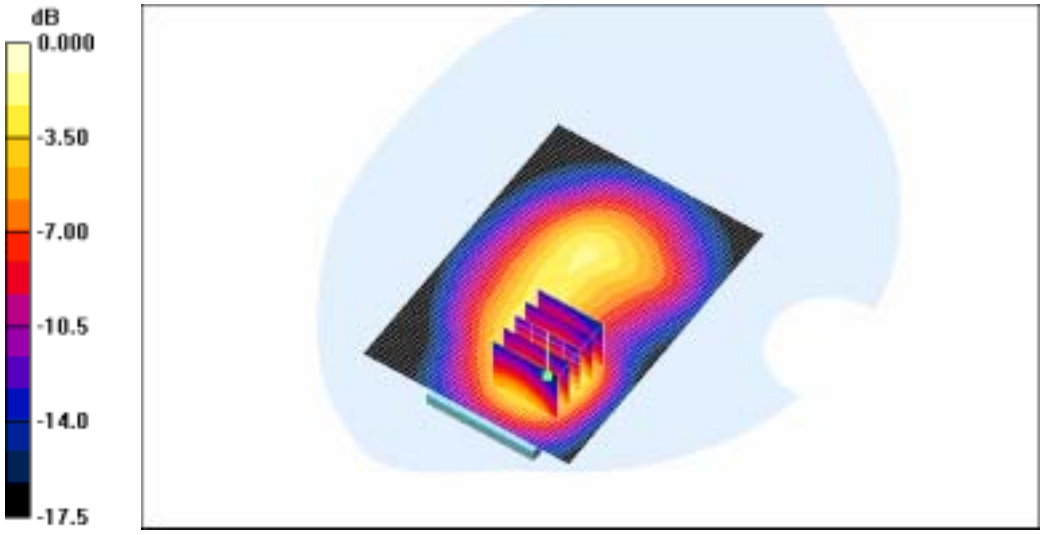


0 dB = 0.180mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GPRS1900 Body SAR
DUT: SGH-D836(Body); Serial: FD-168-B
Program Name: SGH-D836 GPRS1900 Body (Job No. : FD-168)
Procedure Name: Body, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.2;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM1900 GPRS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Body, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.758 mW/g
Maximum value of SAR (measured) = 0.824 mW/g



0 dB = 0.824mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GSM850 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM850 Left(Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard with BT ON
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3 Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.251, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.349 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.15 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.406 mW/g

SAMSUNG FCC ID : A3LSGHD836 835MHz GPRS850 Body SAR
DUT: SGH-D836(Body); Serial: FD-168-B
Program Name: SGH-D836 GSM850 Body (Job No. : FD-168)
Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.4Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 848.8 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.991 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GSM1900 Head SAR
DUT: SGH-D836; Serial: FD-168-B
Program Name: SGH-D836 GSM1900 Right (Job No. : FD-168)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.3, Ambient Temp-22.3;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
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 = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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) = 0.504 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 = 9.85 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.496 mW/g

SAMSUNG FCC ID : A3LSGHD836 1900MHz GPRS1900 Body SAR
DUT: SGH-D836(Body); Serial: FD-168-B
Program Name: SGH-D836 GPRS1900 Body (Job No. : FD-168)
Procedure Name: Body, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.2;Test Date-05/Sep/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM1900 GPRS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- 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.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Body, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.758 mW/g
Maximum value of SAR (measured) = 0.824 mW/g