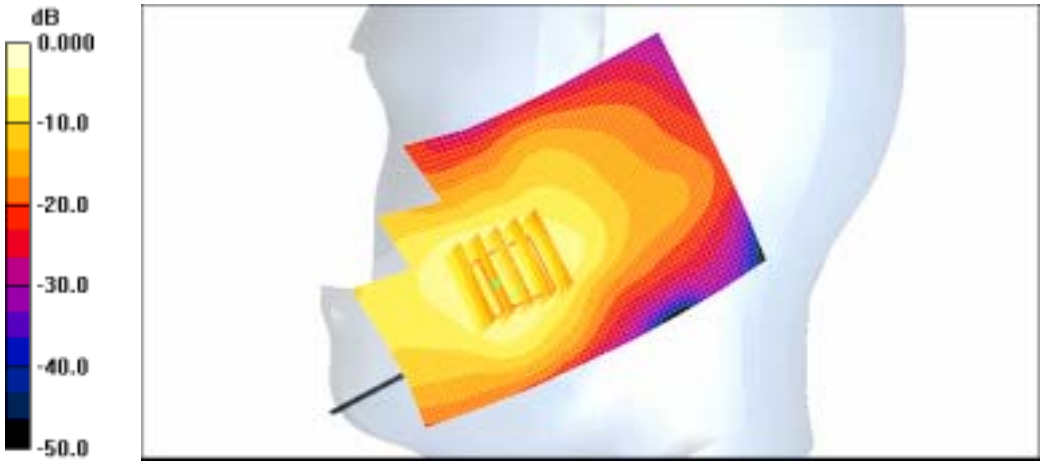
SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Head SAR
DUT: SGH-E790; Serial: FD-202-C
Program Name: SGH-E790 GSM1900 Right (Job No. : FD-202)
Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On
Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(8.04, 8.04, 8.04); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.62 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.35 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.53 mW/g



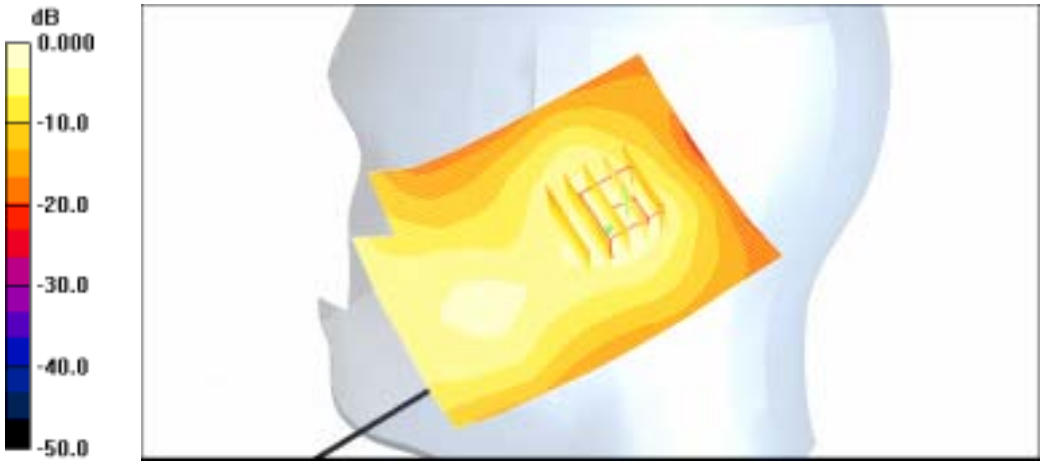
0 dB = 1.53mW/g

SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Head SAR
DUT: SGH-E790; Serial: FD-202-C
Program Name: SGH-E790 GSM1900 Right (Job No. : FD-202)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(8.04, 8.04, 8.04); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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 = 7.94 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.113 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.123 mW/g

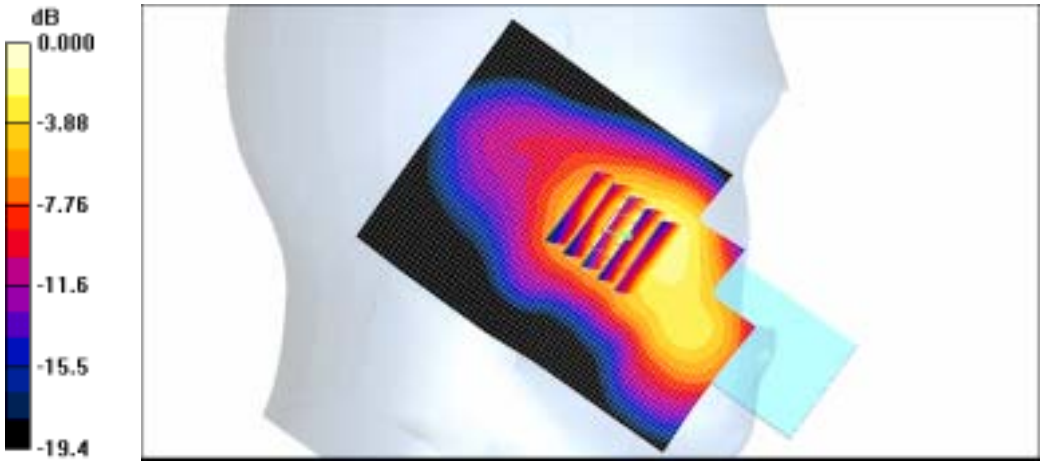


0 dB = 0.123mW/g

SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Head SAR
DUT: SGH-E790; Serial: FD-202-C
Program Name: SGH-E790 GSM1900 Left (Job No. : FD-202)
Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(8.04, 8.04, 8.04); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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) = 1.19 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 = 7.42 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.04 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

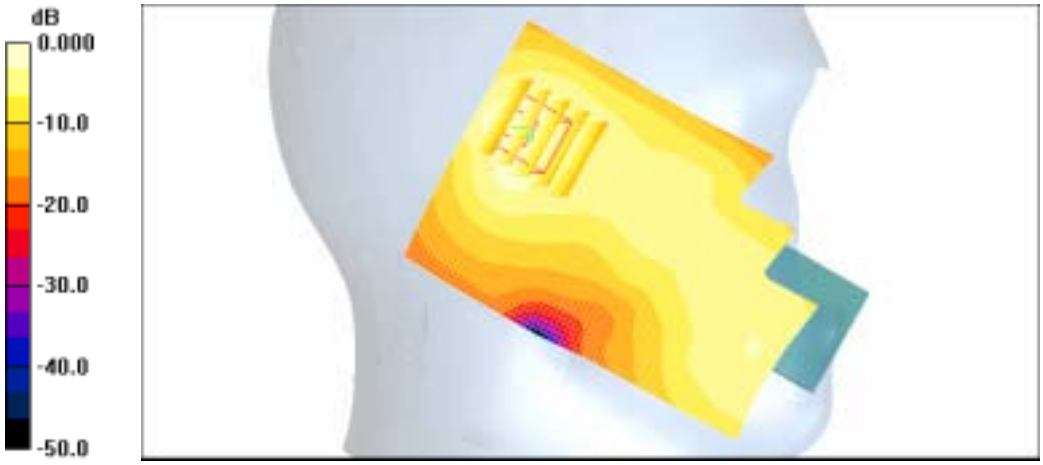


0 dB = 1.13mW/g

SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Head SAR
DUT: SGH-E790; Serial: FD-202-C
Program Name: SGH-E790 GSM1900 Left (Job No. : FD-202)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(8.04, 8.04, 8.04); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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 = 9.30 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.146 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.139 mW/g

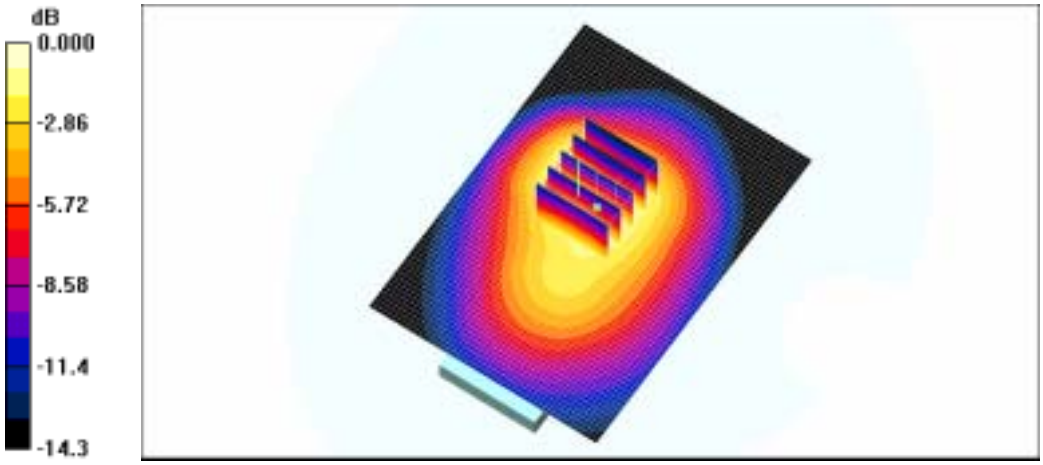


0 dB = 0.139mW/g

SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Body SAR
DUT: SGH-E790(Body); Serial: FD-202-C
Program Name: SGH-E790 GPRS1900 Body (Job No. : FD-202)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-13/Oct/2006
Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.54 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(7.48, 7.48, 7.48); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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) = 0.699 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.672 mW/g
Maximum value of SAR (measured) = 0.712 mW/g

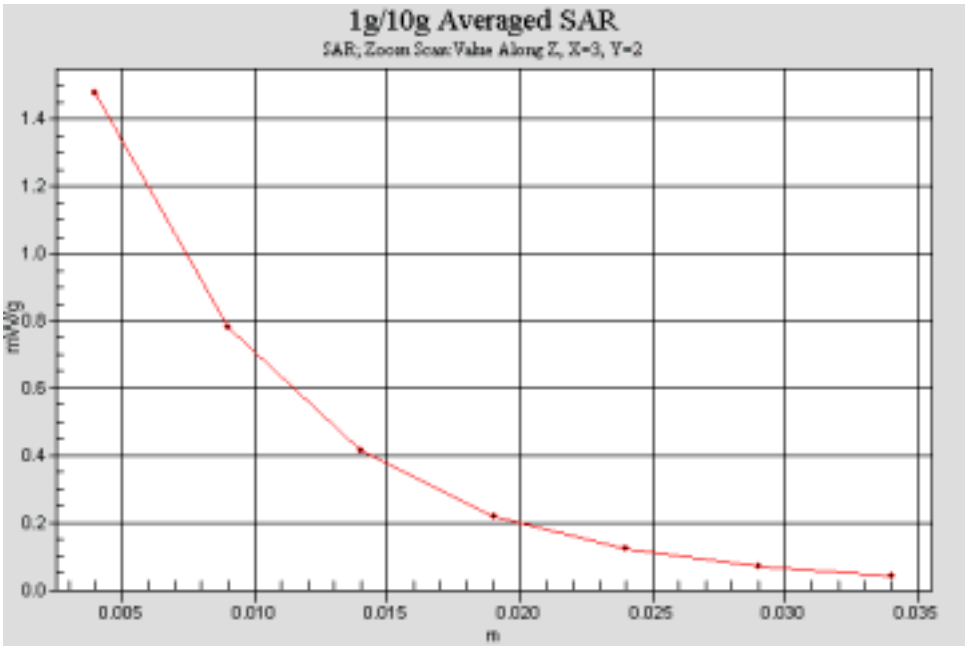


0 dB = 0.712mW/g

SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Head SAR
DUT: SGH-E790; Serial: FD-202-C
Program Name: SGH-E790 GSM1900 Right (Job No. : FD-202)
Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On
Meas. Ambient Temp(celsius)-22.1, Tissue Temp(celsius)-21.9; Test Date-13/Oct/2006
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(8.04, 8.04, 8.04); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.62 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.35 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard With BT On/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.53 mW/g



SAMSUNG FCC ID : A3LSGHE790 -- GSM1900 Body SAR
DUT: SGH-E790(Body); Serial: FD-202-C
Program Name: SGH-E790 GPRS1900 Body (Job No. : FD-202)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-13/Oct/2006
Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.54 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(7.48, 7.48, 7.48); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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) = 0.699 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.672 mW/g
Maximum value of SAR (measured) = 0.712 mW/g