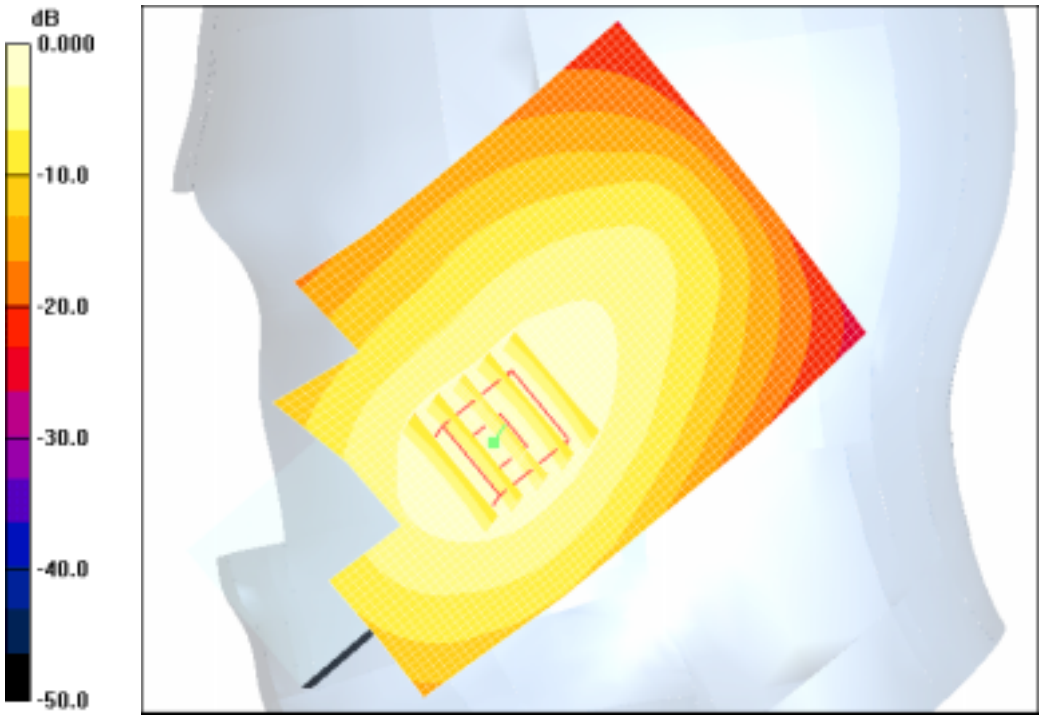
SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Right (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.37 mW/g
Maximum value of SAR (measured) = 1.49 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.43 mW/g



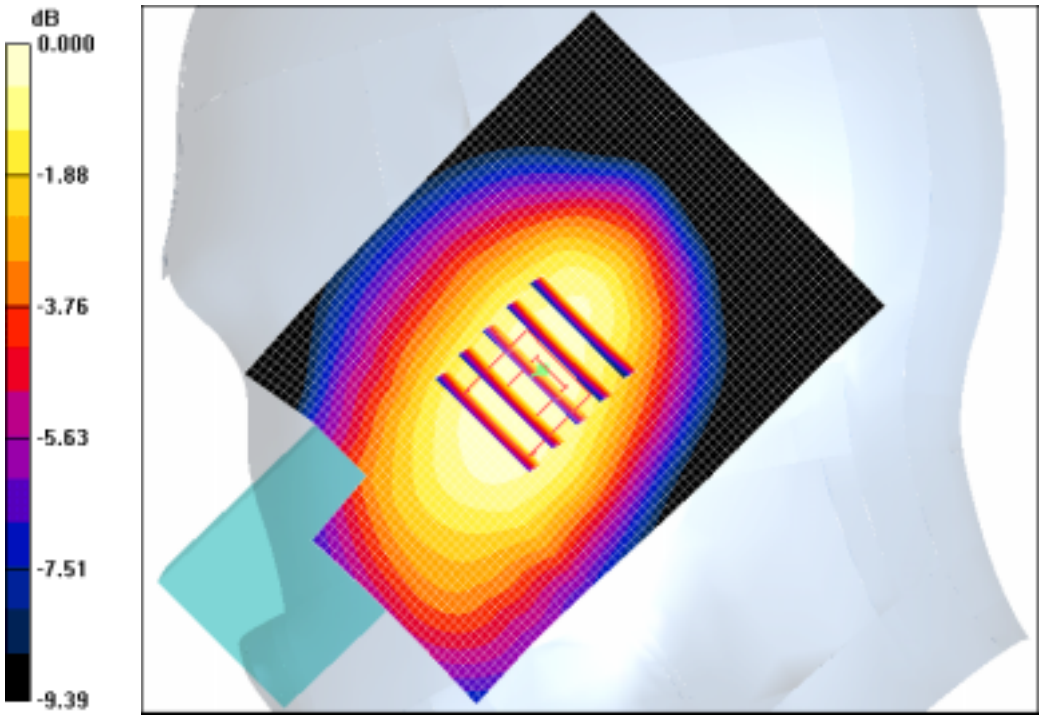
0 dB = 1.43mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Right (Job No. : FD-010)
Procedure Name: Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.447 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 = 16.2 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.449 mW/g



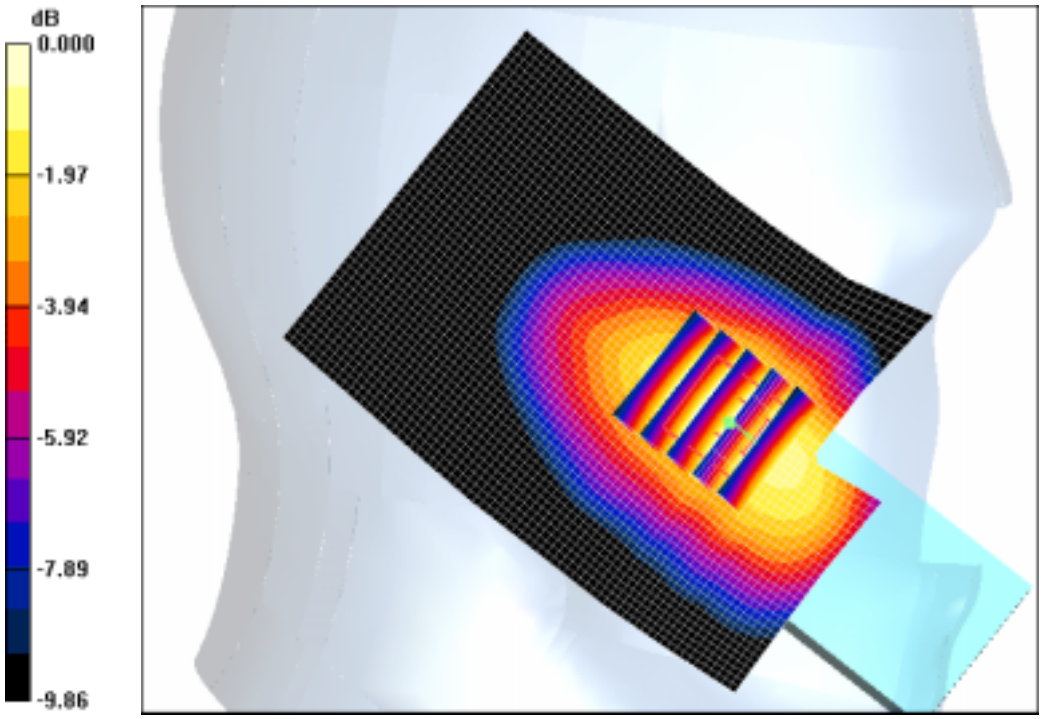
0 dB = 0.449mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Left (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.44 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 = 13.8 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.32 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



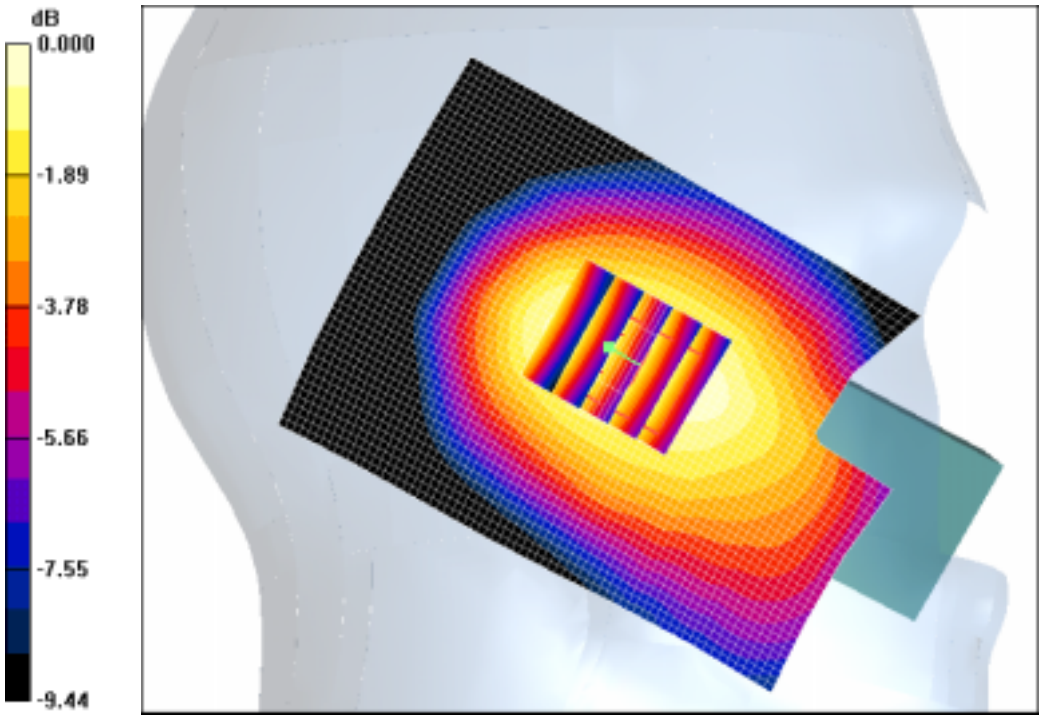
0 dB = 1.41mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Left (Job No. : FD-010)
Procedure Name: Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.409 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 = 15.4 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.411 mW/g



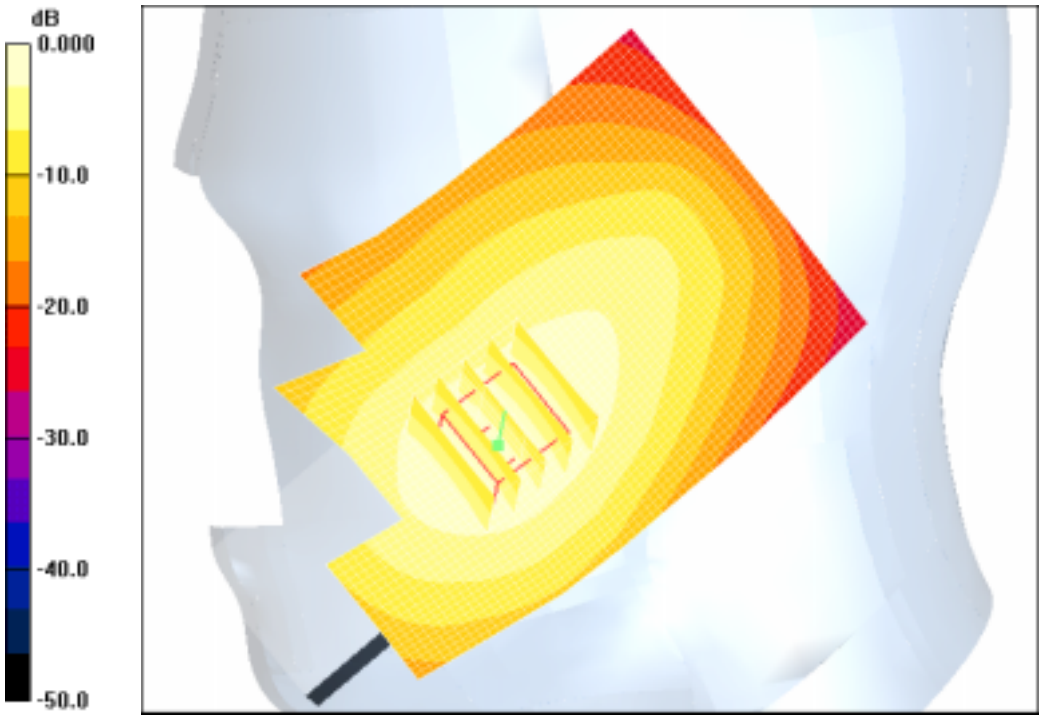
0 dB = 0.411mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Right (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.4 mW/g
Maximum value of SAR (measured) = 1.52 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.48 mW/g



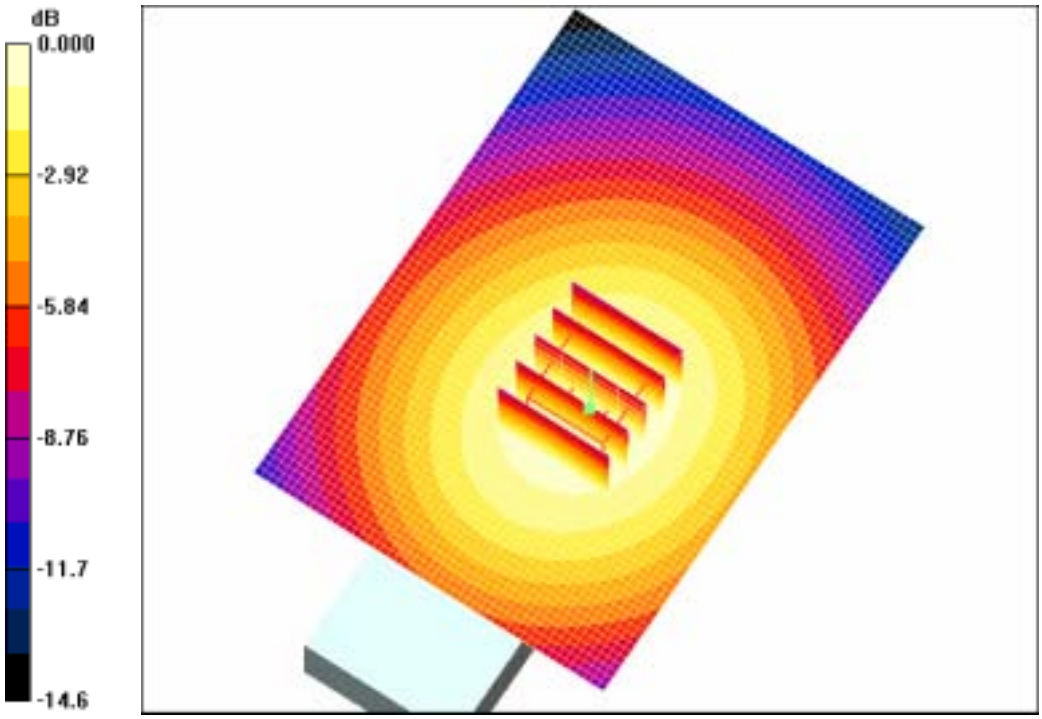
0 dB = 1.48mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 PTT (Job No. : FD-010)
Procedure Name: PTT, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

PTT, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.204 mW/g



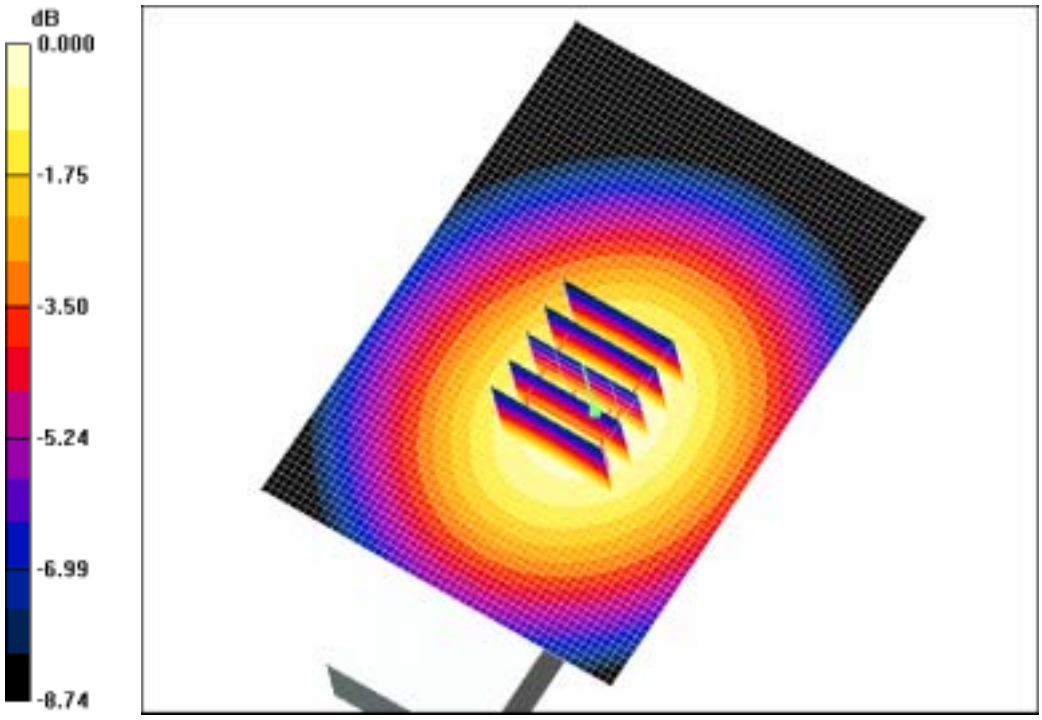
0 dB = 0.204mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 PTT (Job No. : FD-010)
Procedure Name: PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.203 mW/g

PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



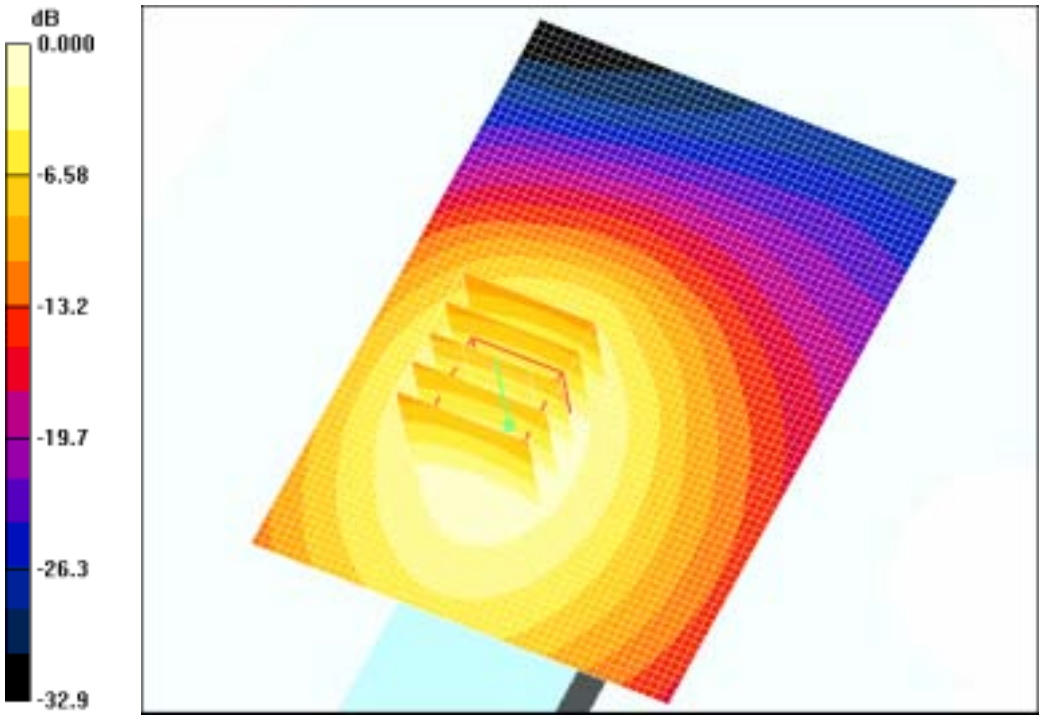
0 dB = 0.200mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 Body (Job No. : FD-010)
Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.99 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.6 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.31 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

Body, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.42 mW/g



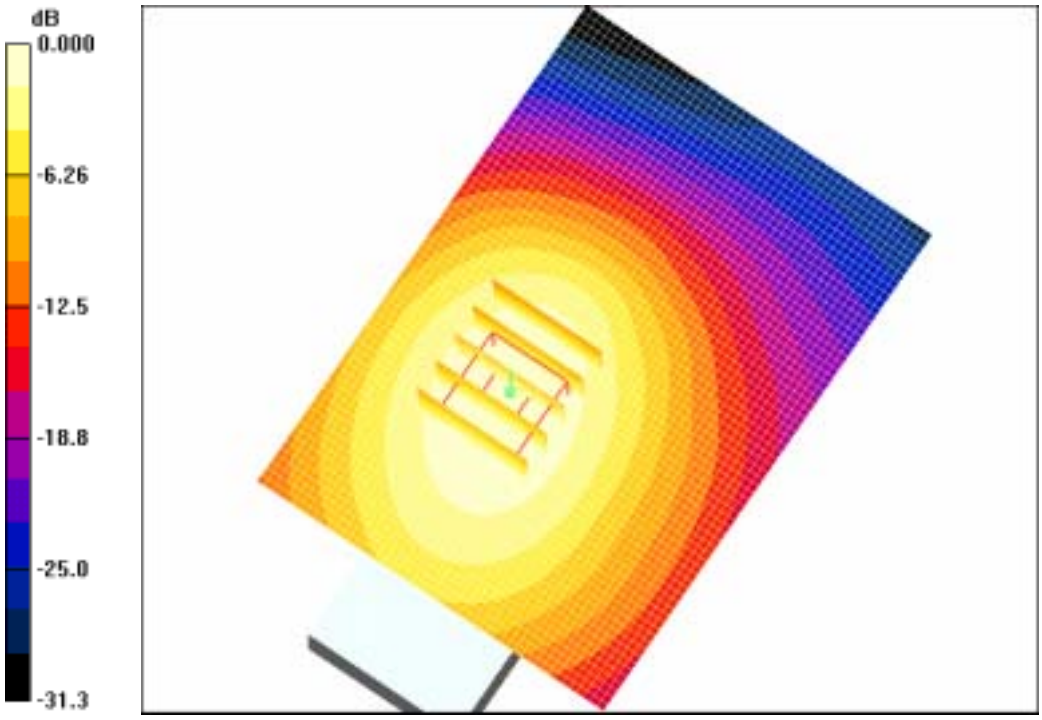
0 dB = 1.42mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 Body (Job No. : FD-010)
Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.99 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.44 mW/g

Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.31 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



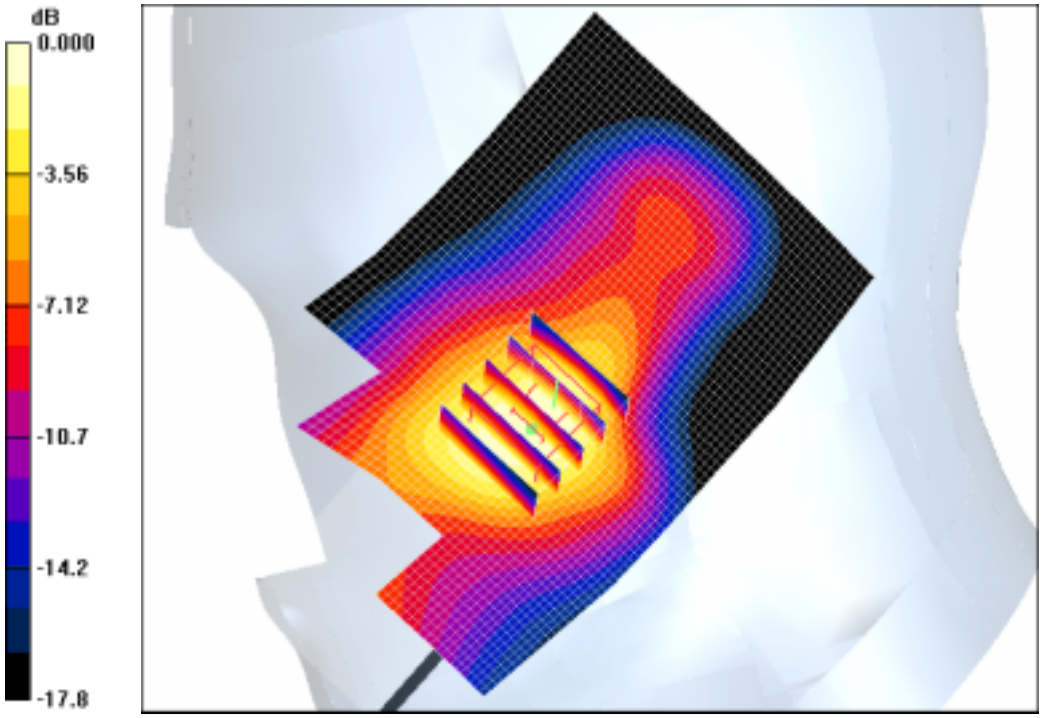
0 dB = 1.39mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Right (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
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 = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.741 mW/g

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.635 mW/g
Maximum value of SAR (measured) = 0.684 mW/g



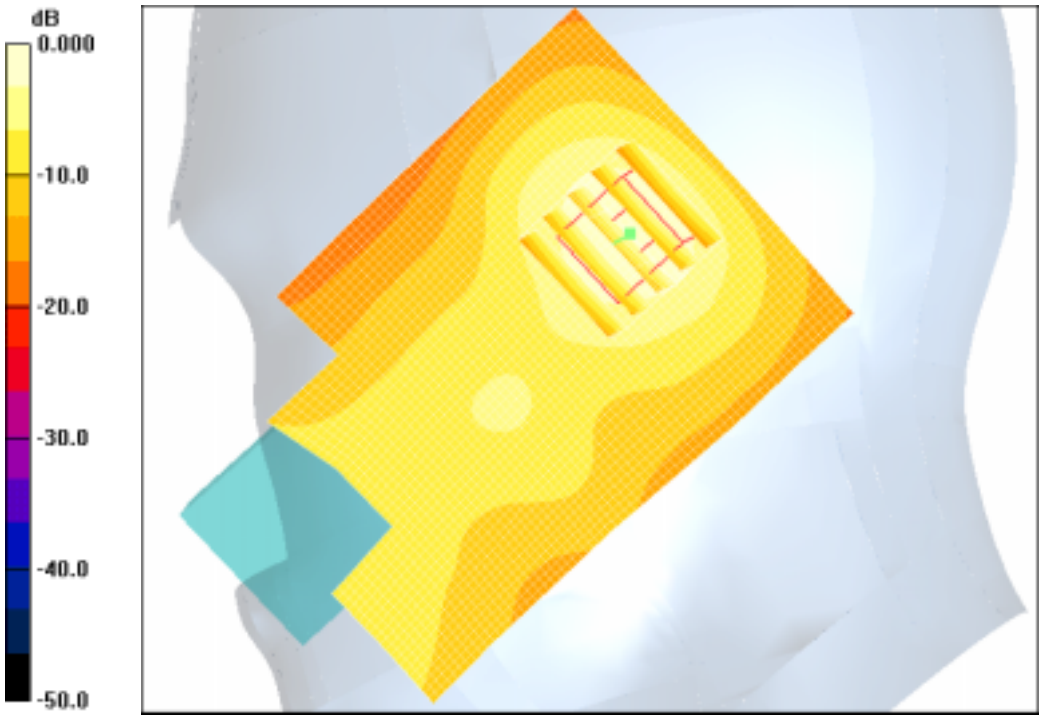
0 dB = 0.684mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Right (Job No. : FD-010)
Procedure Name: Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/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 = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.64 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.145 mW/g

Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.180 mW/g



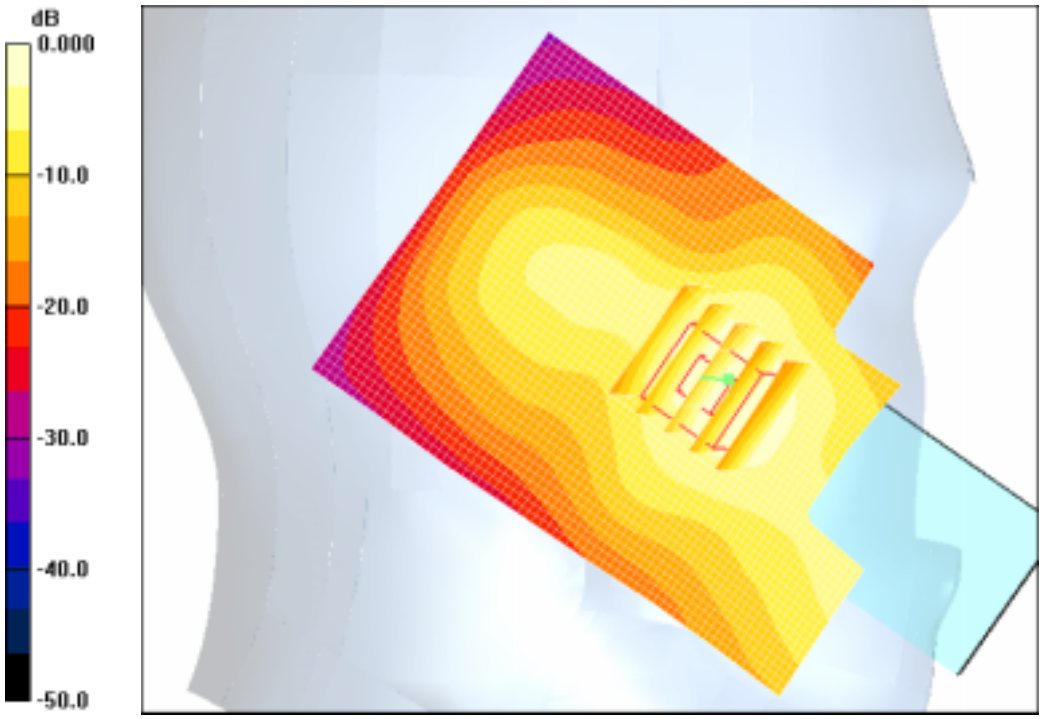
0 dB = 0.180mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Left (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
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 = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.06 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.654 mW/g
Maximum value of SAR (measured) = 0.663 mW/g

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.641 mW/g



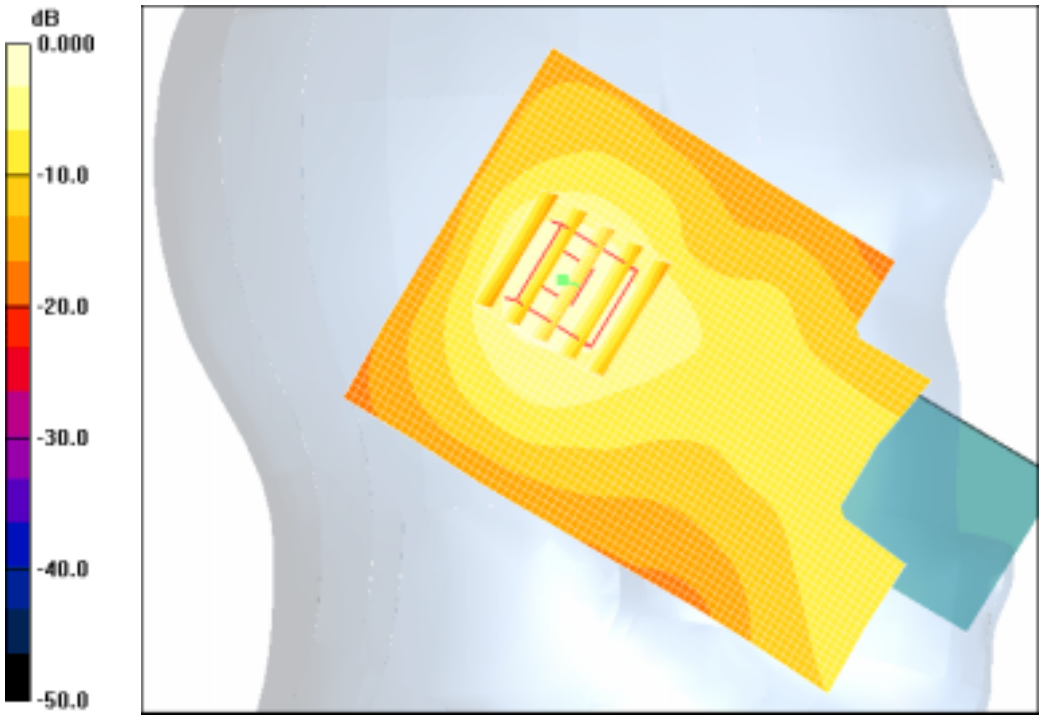
0 dB = 0.641mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Left (Job No. : FD-010)
Procedure Name: Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/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 = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.99 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.145 mW/g

Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.185 mW/g



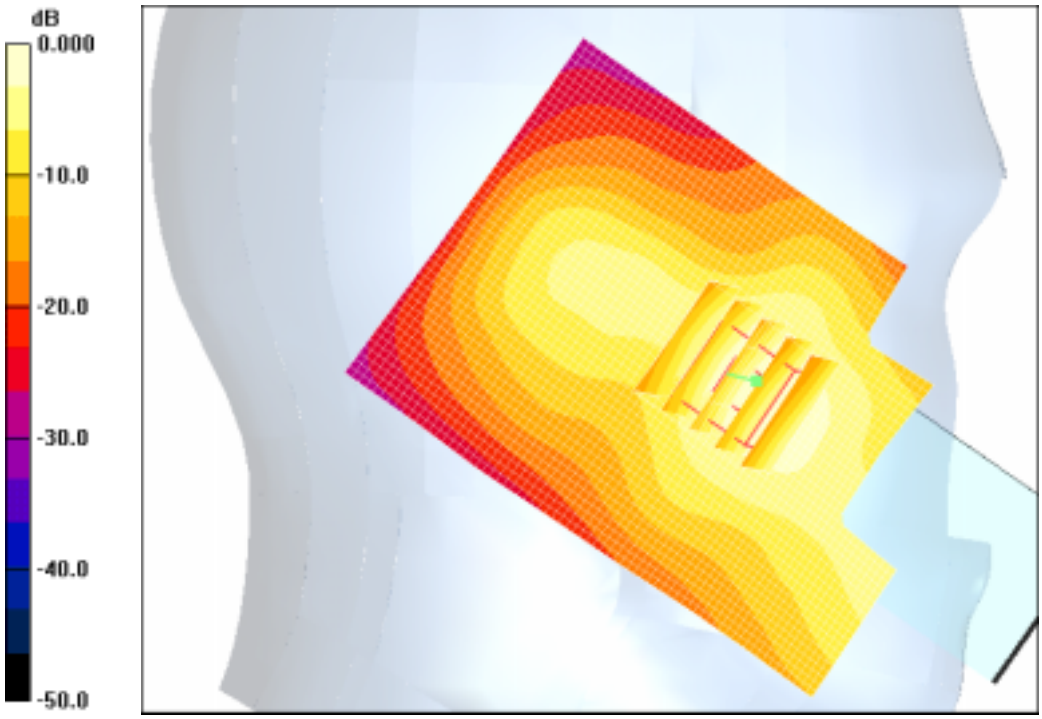
0 dB = 0.185mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Left (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
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 = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.33 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.617 mW/g
Maximum value of SAR (measured) = 0.648 mW/g

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.614 mW/g



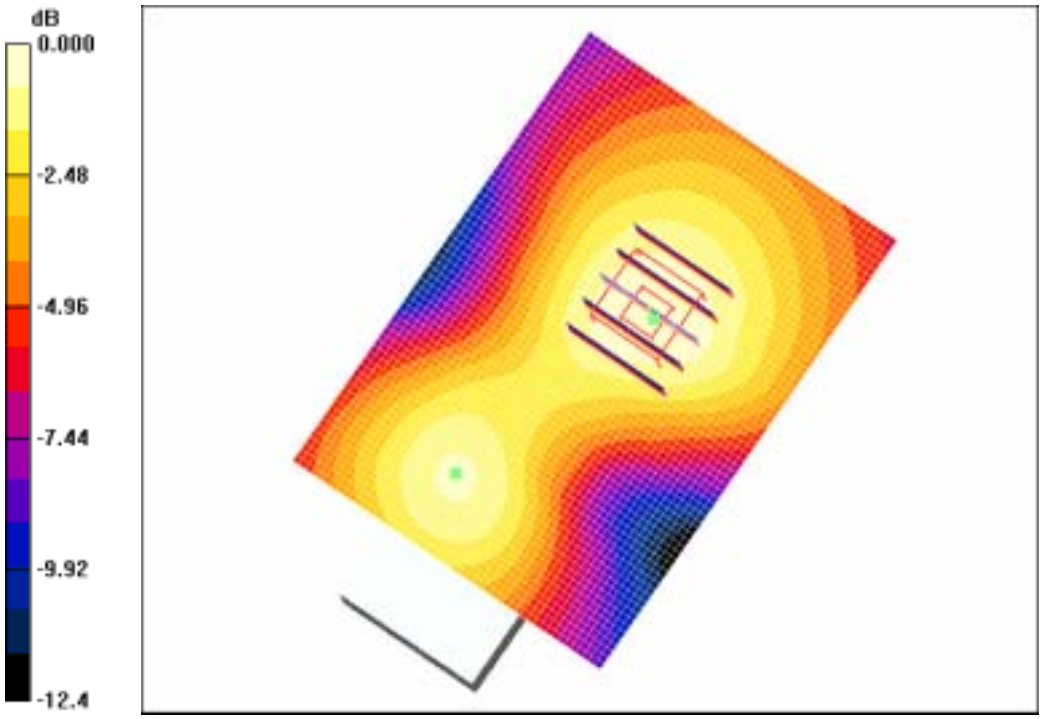
0 dB = 0.614mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: PTT, Ch.512, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.95 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.074 mW/g

PTT, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.076 mW/g



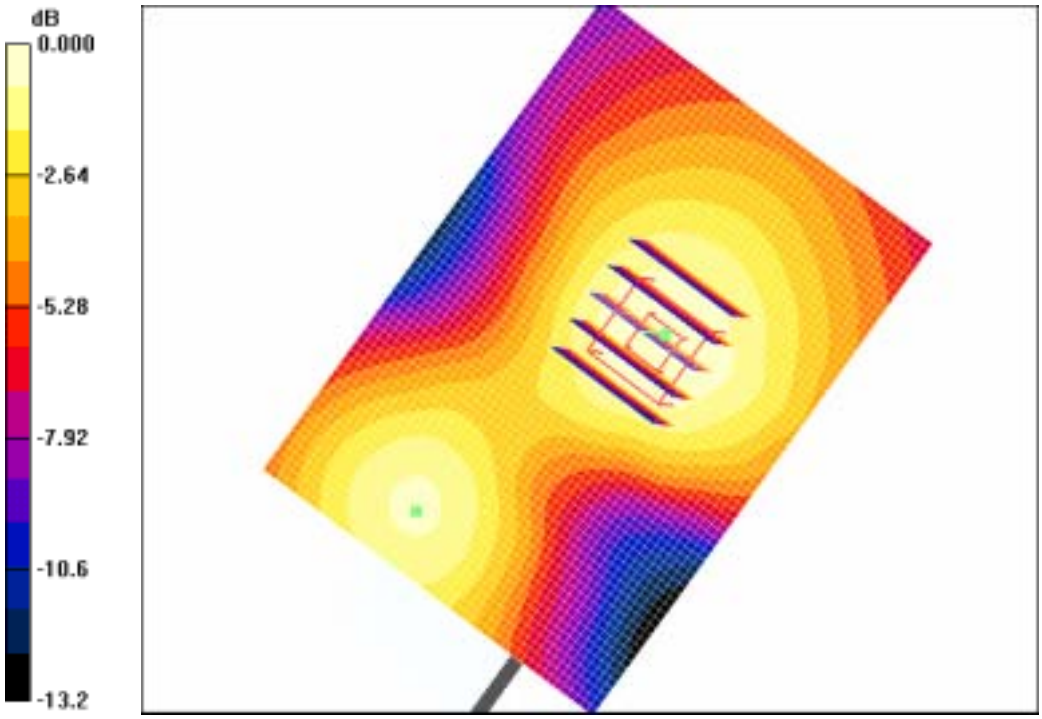
0 dB = 0.076mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.072 mW/g



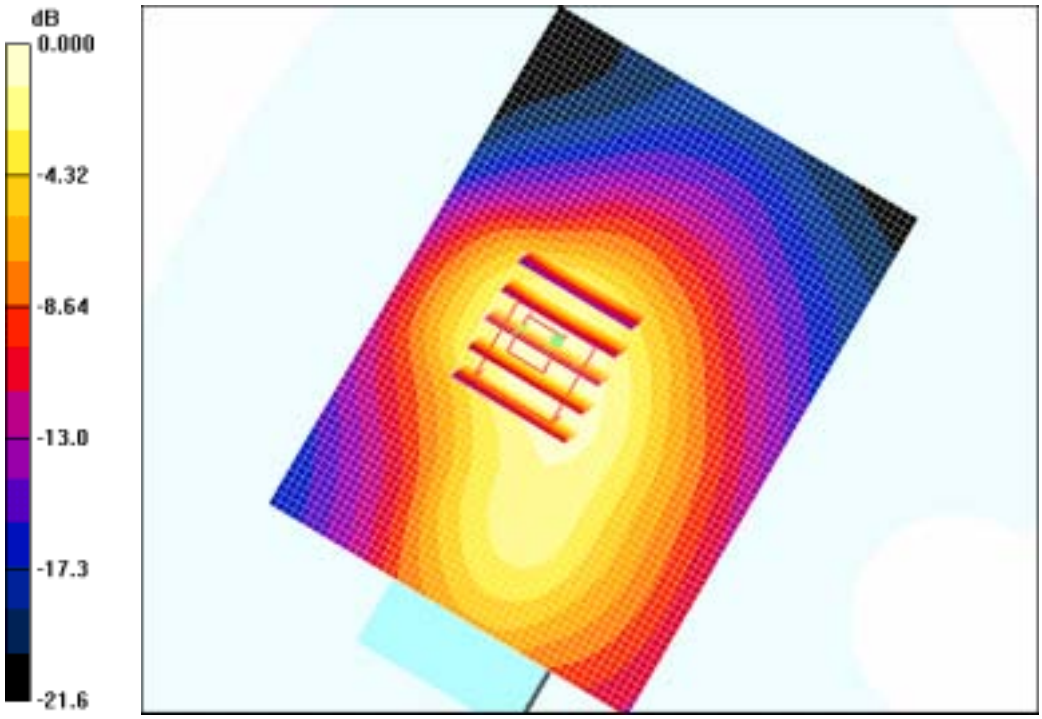
0 dB = 0.072mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: Body, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.7; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.42, 4.42, 4.42); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.537 mW/g
Maximum value of SAR (measured) = 0.570 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.570 mW/g



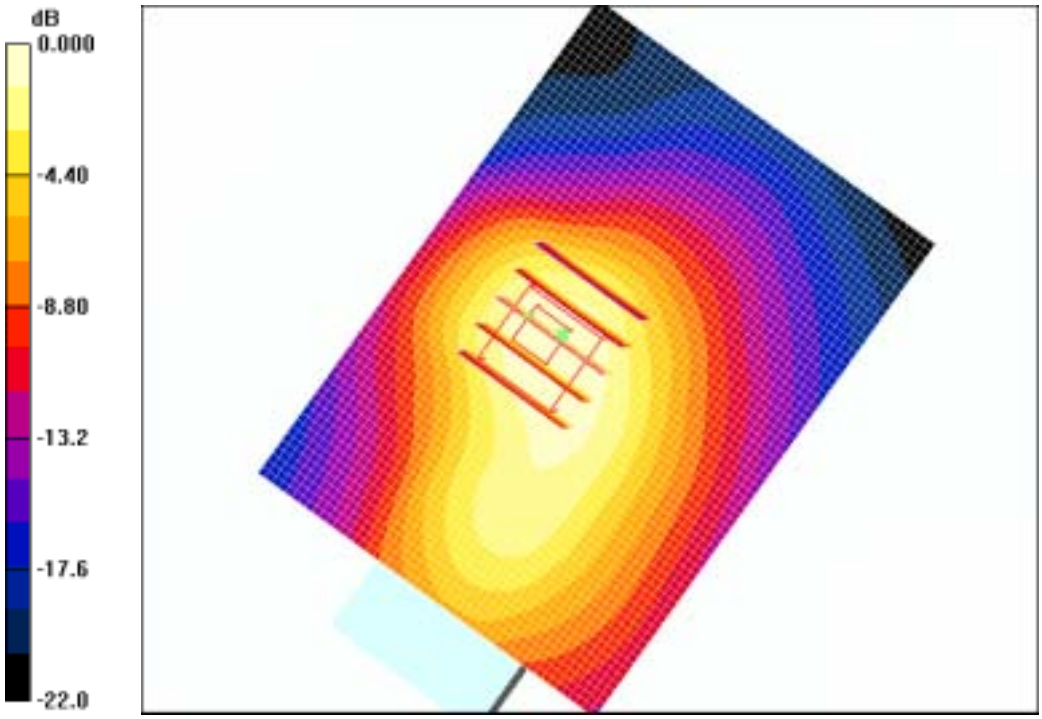
0 dB = 0.570mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.7; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.42, 4.42, 4.42); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.565 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.578 mW/g



0 dB = 0.578mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Right (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.37 mW/g
Maximum value of SAR (measured) = 1.49 mW/g

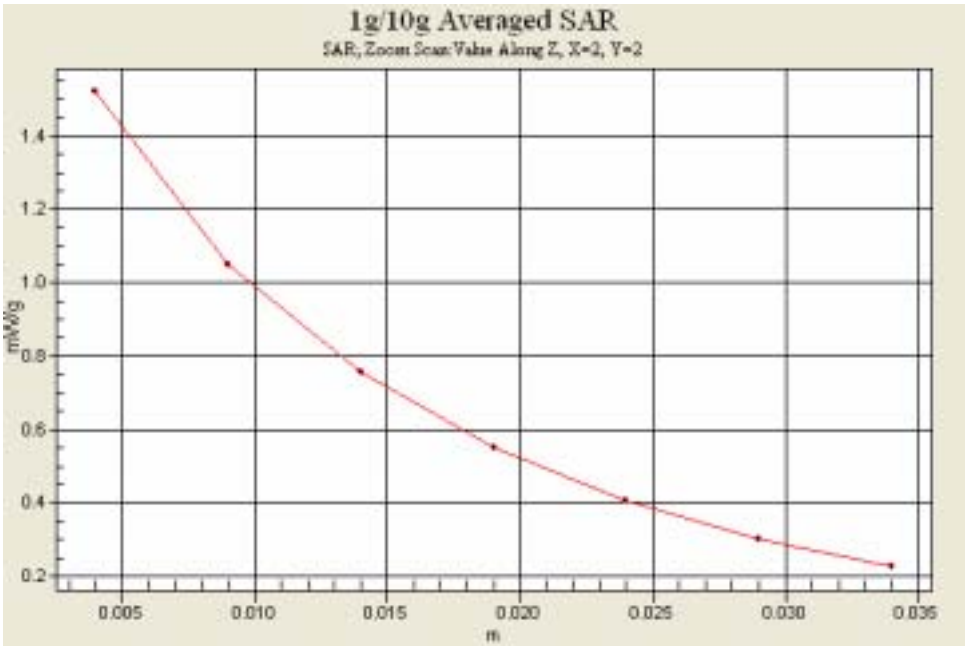
Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.43 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM850 Right (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.4 mW/g
Maximum value of SAR (measured) = 1.52 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.48 mW/g



SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 PTT (Job No. : FD-010)
Procedure Name: PTT, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

PTT, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.204 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 PTT (Job No. : FD-010)
Procedure Name: PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.8, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.203 mW/g

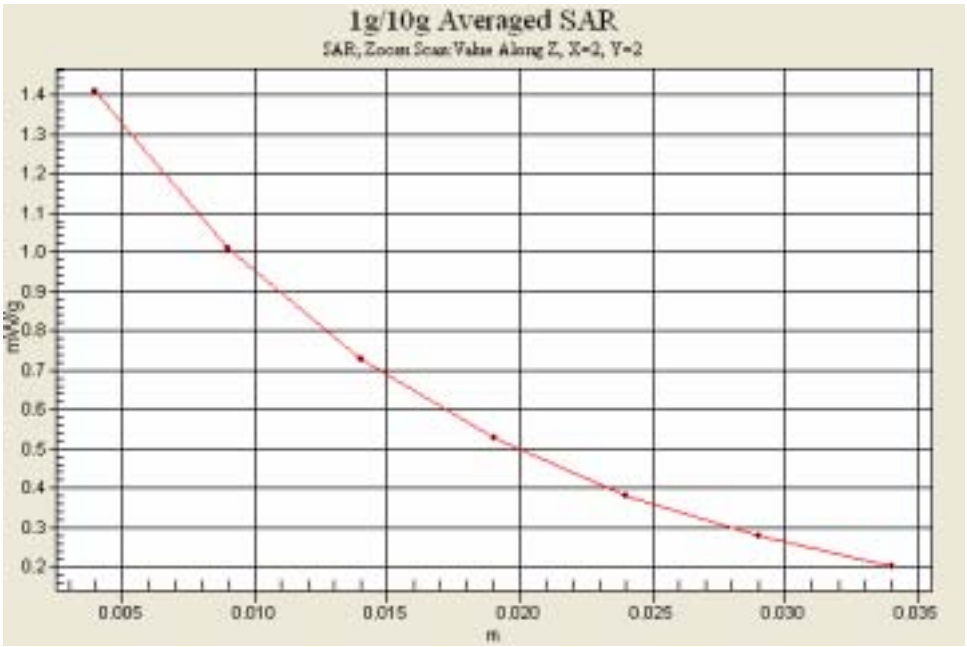
PTT, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.200 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 Body (Job No. : FD-010)
Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.99 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.6 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.31 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

Body, Ch.190, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.42 mW/g

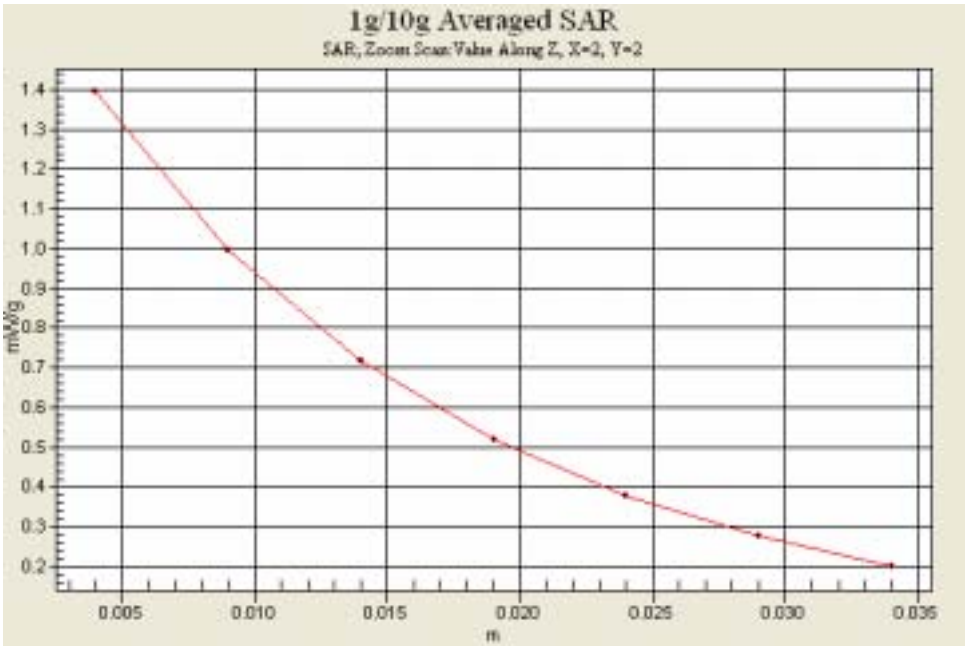


SAMSUNG FCC ID : A3LSGHD347 -- 835MHz GSM850 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM850 Body (Job No. : FD-010)
Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas.Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.6; Test Date-26/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.99 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.82, 5.82, 5.82); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.44 mW/g

Body, Ch.190, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.31 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Left (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
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 = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.06 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.654 mW/g
Maximum value of SAR (measured) = 0.663 mW/g

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.641 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Head SAR
DUT: SGH-D347; Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Left (Job No. : FD-010)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
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 = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.33 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.617 mW/g
Maximum value of SAR (measured) = 0.648 mW/g

Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.614 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: PTT, Ch.512, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.95 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.074 mW/g

PTT, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.076 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Face SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.5, Tissue Temp(celsius)-21.4; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.92, 4.92, 4.92); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

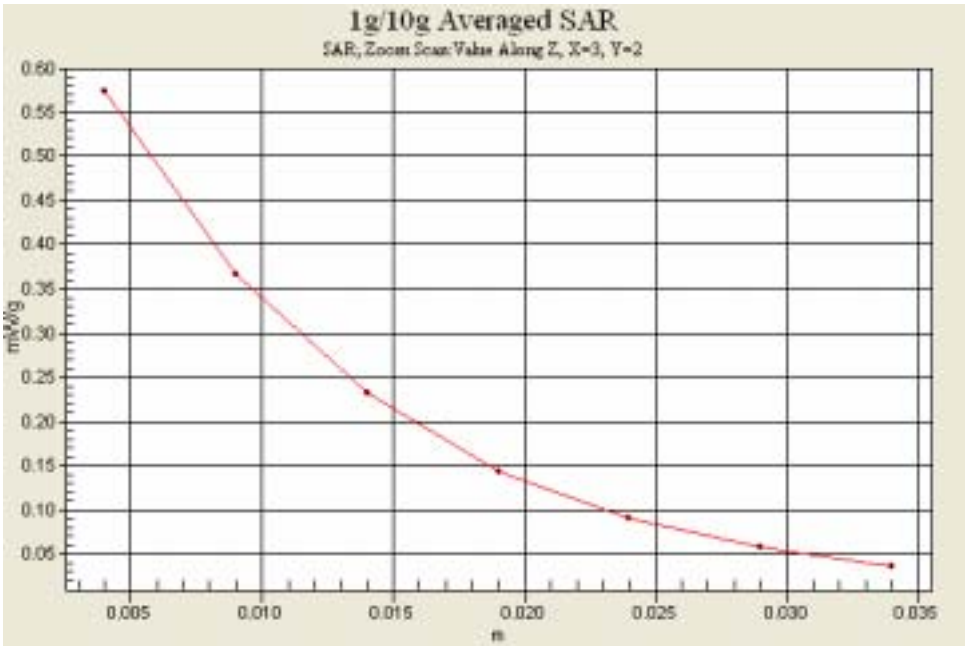
PTT, Ch.512, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.072 mW/g

SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: Body, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.7; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.42, 4.42, 4.42); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.537 mW/g
Maximum value of SAR (measured) = 0.570 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.570 mW/g



SAMSUNG FCC ID : A3LSGHD347 -- 1900MHz GSM1900 Body SAR
DUT: SGH-D347(Body); Serial: FD-010-B
Program Name: SGH-D347 GSM1900 Body (Job No. : FD-010)
Procedure Name: Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON
Procedure Notes: Meas. Ambient Temp(celsius)-21.9, Tissue Temp(celsius)-21.7; Test Date-25/Jan/2006 [OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.53 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.42, 4.42, 4.42); Calibrated: 2005-05-26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn533; Calibrated: 2005-11-21
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.565 mW/g

Body, Ch.810, Ant.Fixed, Bat.Standard With BT ON/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.578 mW/g