

SAMSUNG FCC ID: A3LSGHE317 – 835MHz GSM 850 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM850 Right (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-04/May/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 9.69 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.24 mW/g

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Zoom Scan

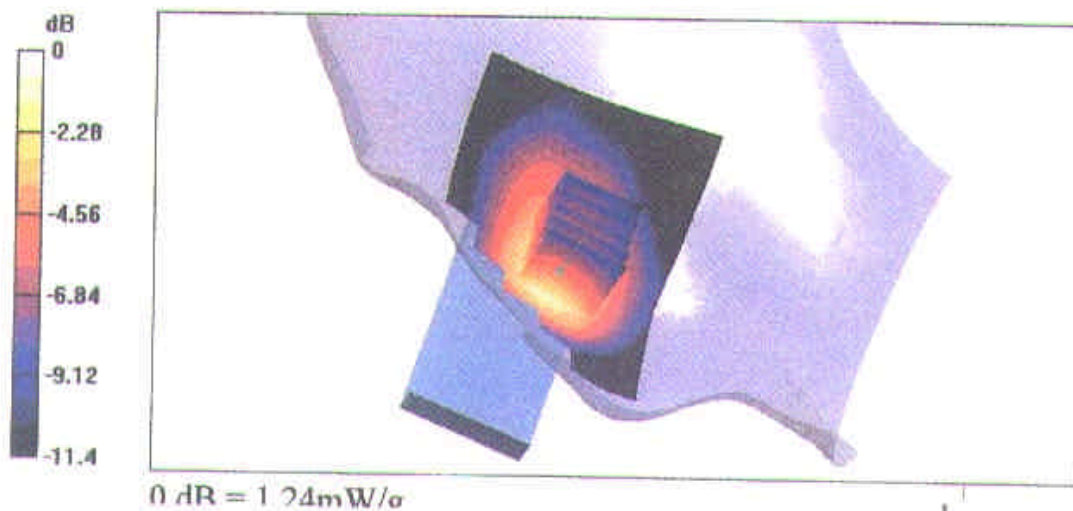
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.69 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.24 mW/g

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.14 mW/g



SAMSUNG FCC ID: A3LSGHE317 -- 835MHz GSM 850 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM850 Right (Job No.: FB-021)

Procedure Name: Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-04/May/2004 [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; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 12.8 V/m; Power Drift = 0.002 dB

Maximum value of SAR (interpolated) = 0.280 mW/g

Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube

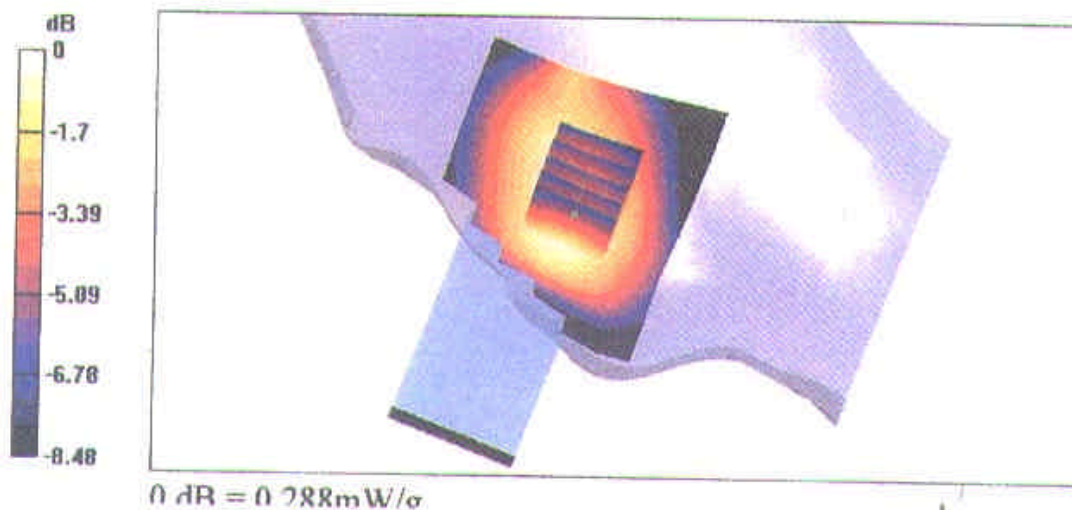
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.8 V/m; Power Drift = 0.002 dB

Maximum value of SAR (measured) = 0.288 mW/g

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.269 mW/g



SAMSUNG FCC ID: A3LSGHE317 – 835MHz GSM 850 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM850 Left (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-04/May/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 9.44 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 1.29 mW/g

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Zoom Scan

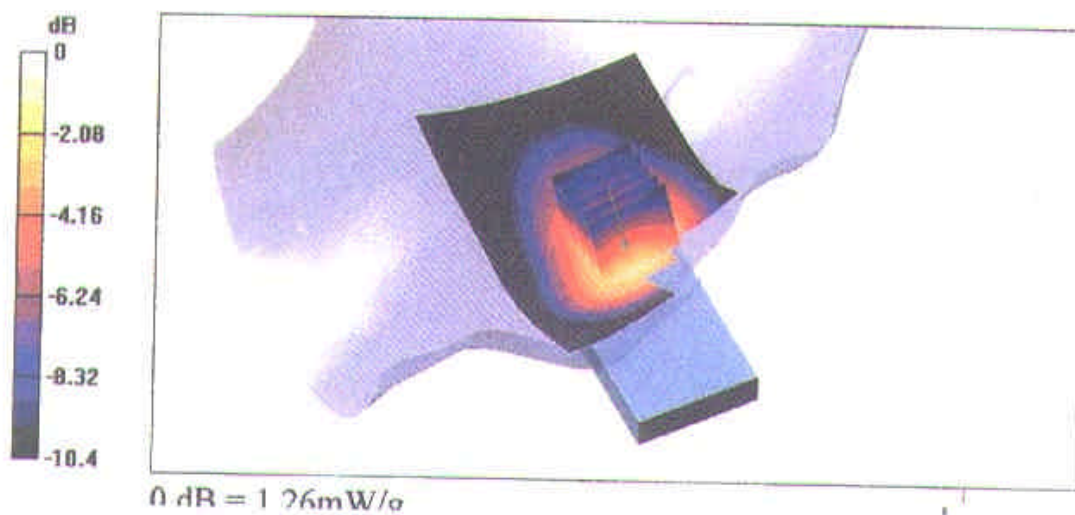
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.44 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 1.26 mW/g

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.2 mW/g



SAMSUNG FCC ID: A3LSGHE317 – 835MHz GSM 850 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM850 Left (Job No.: FB-021)

Procedure Name: Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-04/May/2004 [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; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 11.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.280 mW/g

Ear/Tilted, Ch.0190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube

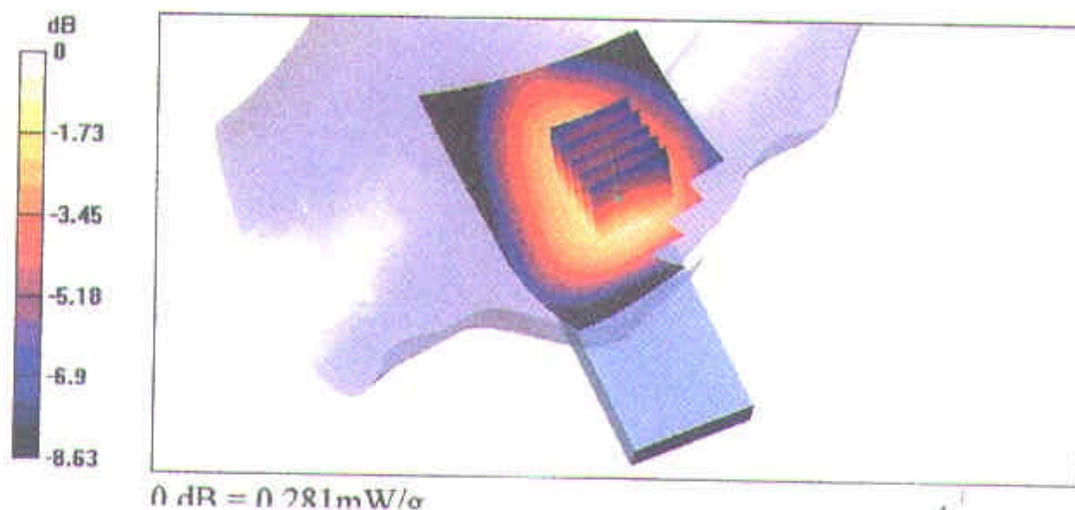
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.281 mW/g

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.272 mW/g



SAMSUNG FCC ID: A3LSGHE317 -- 1900MHz GSM 1900 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Right (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard

Procedure Notes: Tissue Temp(celsius)-21.3; Test Date-06/May/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 1.41$; mho/m, $\epsilon_r = 39.203$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Area Scan (91x111x1):

Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.46 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube

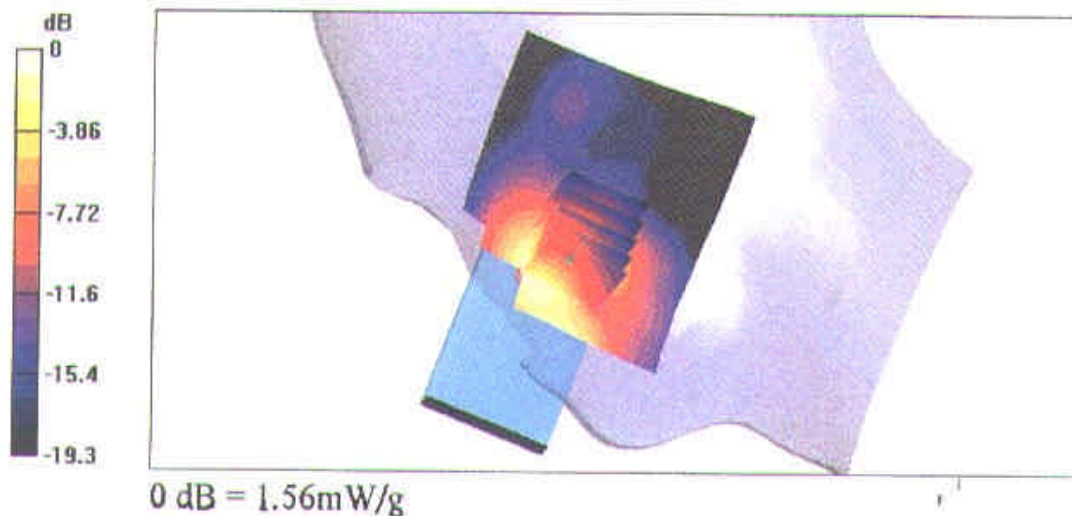
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.56 mW/g

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.37 mW/g



SAMSUNG FCC ID: A3LSGHE317 – 1900MHz GSM 1900 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Right (Job No.: FB-021)

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

Procedure Notes: .Tissue Temp(celsius)-21.3;Test Date-06/May/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.41$; mho/m, $\epsilon_r = 39.203$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.191 mW/g

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Standard/Zoom Scan (7x7x7)/Cube 0:

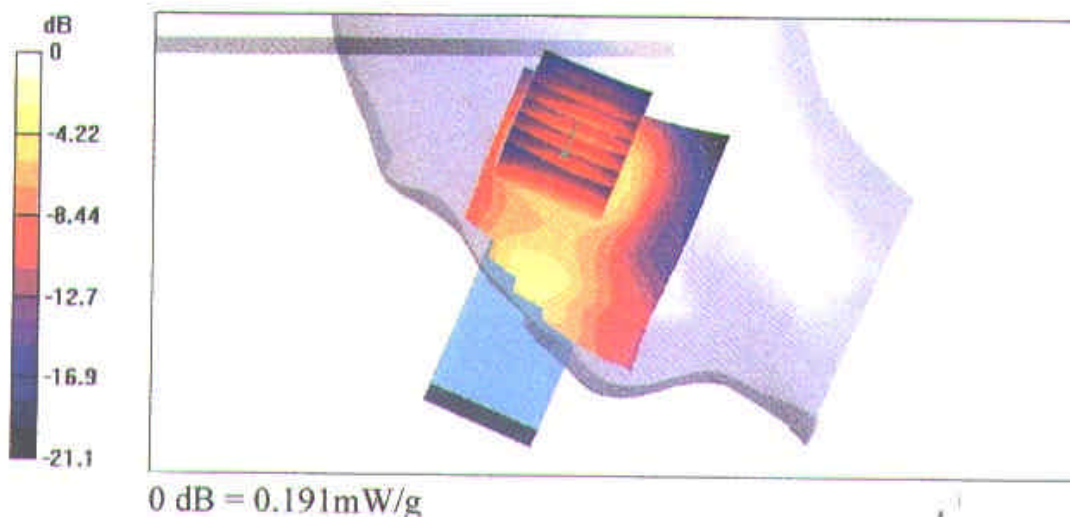
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.191 mW/g

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.179 mW/g



DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Left (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard

Procedure Notes: .Tissue Temp(celsius)-21.3;Test Date-06/May/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 1.41$; mho/m, $\epsilon_r = 39.203$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.24 V/m; Power Drift = -0.0 dB

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

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Zoom Scan (7x7x7)/Cube

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

Reference Value = 4.24 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 1.27 mW/g

Peak SAR (extrapolated) = 2 W/kg

SAR(1 g) = 1.3 mW/g

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Zoom Scan (7x7x7)/Cube

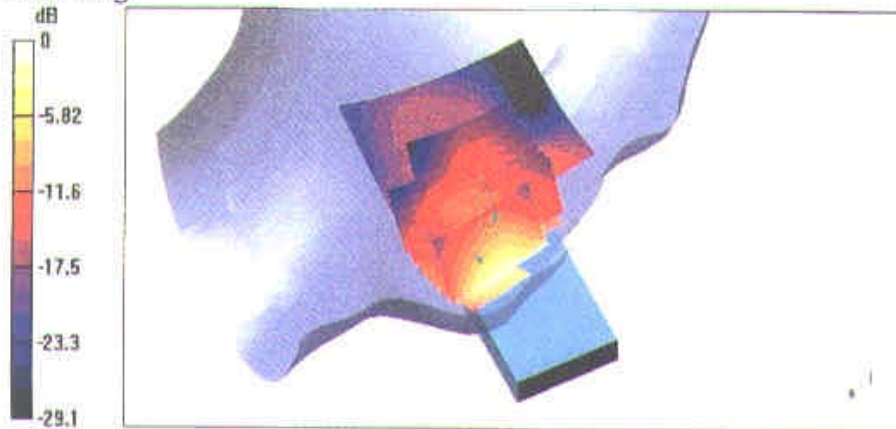
1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.24 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 1.3 mW/g

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.26 mW/g



0 dB = 1.3mW/g

SAMSUNG FCC ID: A3LSGHE317 -- 1900MHz GSM 1900 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Left (Job No.: FB-021)

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

Procedure Notes: .Tissue Temp(celsius)-21.3; Test Date-06/May/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.41$; mho/m, $\epsilon_r = 39.203$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.65 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.117 mW/g

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Standard/Zoom Scan (7x7x7)/Cube 0:

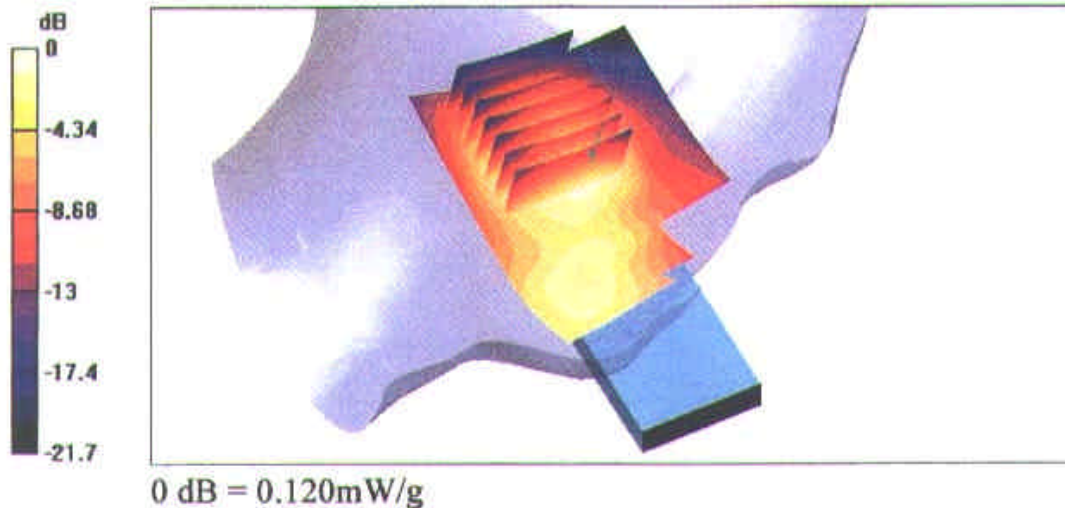
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.120 mW/g

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.110 mW/g



SAMSUNG FCC ID:A3LSGHE317 -- 835MHz GSM 850 Body SAR

DUT: SGH-E317 (Body); Serial: FB-021-E

Program Name: SGH-E317 GSM850 GSM mode Body (Job No. : FB-021)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-07/May/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.251, Ant. Fixed, Bat. Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.716 mW/g

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

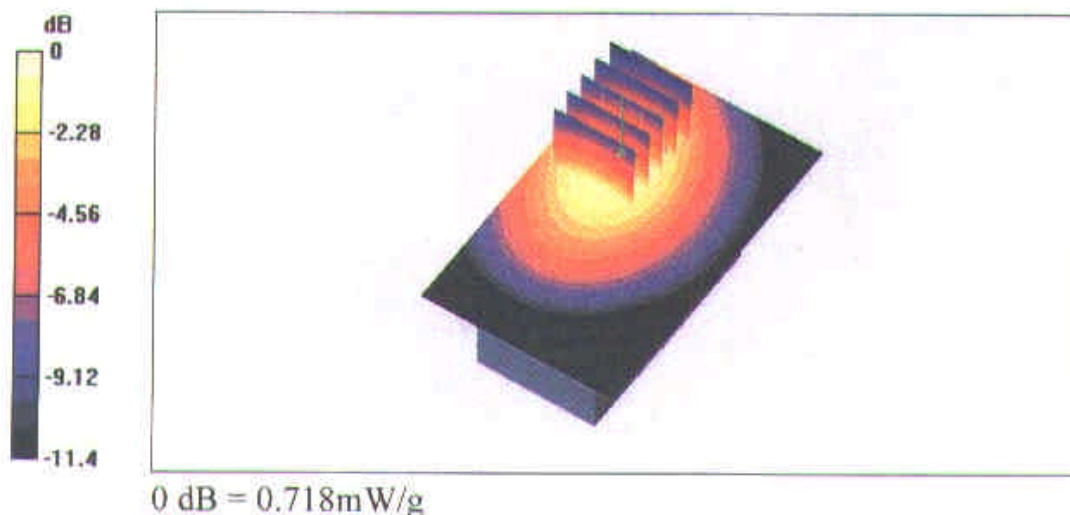
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.718 mW/g

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.670 mW/g



SAMSUNG FCC ID: A3LSGHE317 – 1900MHz GSM 1900 Body SAR

DUT: SGH-E317 (Body); Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Mode Body (Job no.: FB-021)

Procedure Name: Body, Ch 512, Ant, fixed, Bat. Standard

Procedure Notes: Tissue Temp(celsius)-20.9; Test Date-07/May/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 1.5$; mho/m, $\epsilon_r = 51.736$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Body, Ch 512, Ant, fixed, Bat. Standard/Area Scan (51x81x1): Measurement

grid: dx=15mm, dy=15mm

Reference Value = 17.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.522 mW/g

Body, Ch 512, Ant, fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

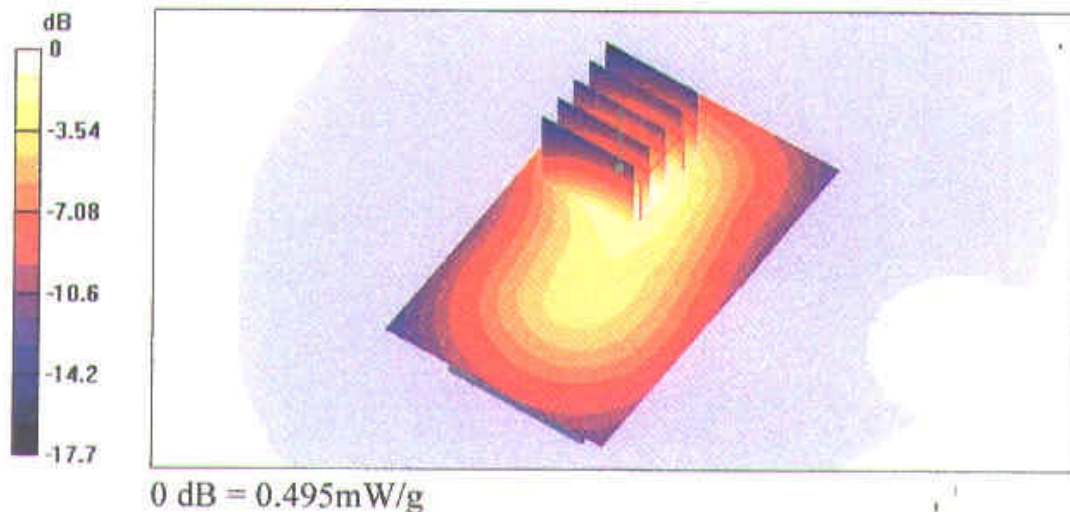
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.495 mW/g

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.464 mW/g



SAMSUNG FCC ID: A3LSGHE317 -- 835MHz GSM 850 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM850 Left (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-04/May/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.55, 6.55, 6.55); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 9.44 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 1.29 mW/g

Cheek/Touch, Ch.0251, Ant.Fixed, Bat.Standard/Zoom Scan

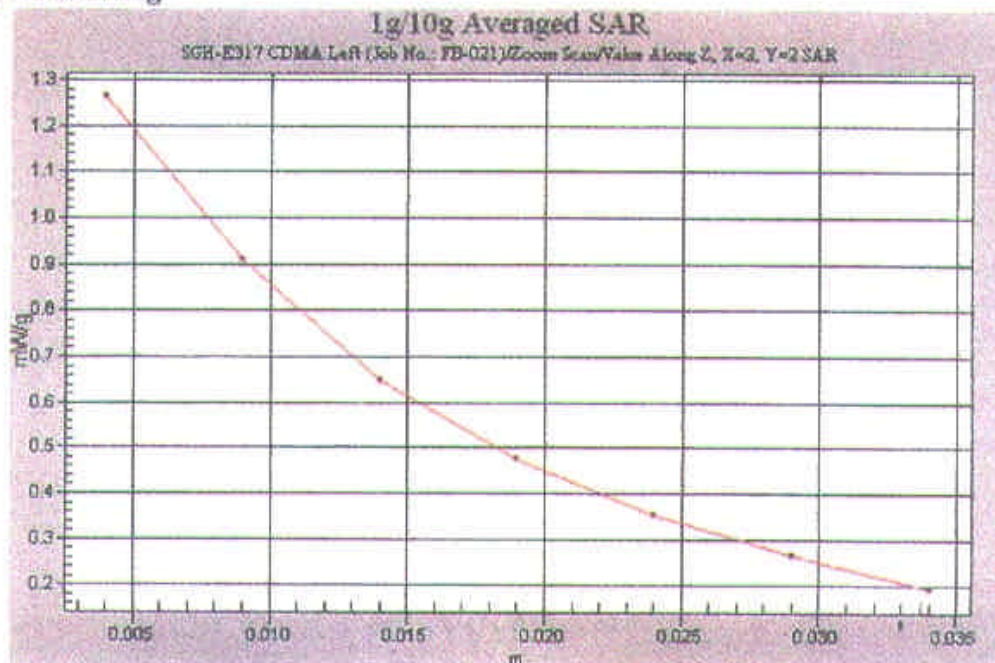
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.44 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 1.26 mW/g

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.2 mW/g



SAMSUNG FCC ID: A3LSGHE317 – 1900MHz GSM 1900 Head SAR

DUT: SGH-E317; Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Right (Job No.: FB-021)

Procedure Name: Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard

Procedure Notes: .Tissue Temp(celsius)-21.3;Test Date-06/May/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 1.41$; mho/m, $\epsilon_r = 39.203$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Area Scan (91x111x1):

Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.46 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 1.54 mW/g

Cheek/Touch, Ch.512, Ant. Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube

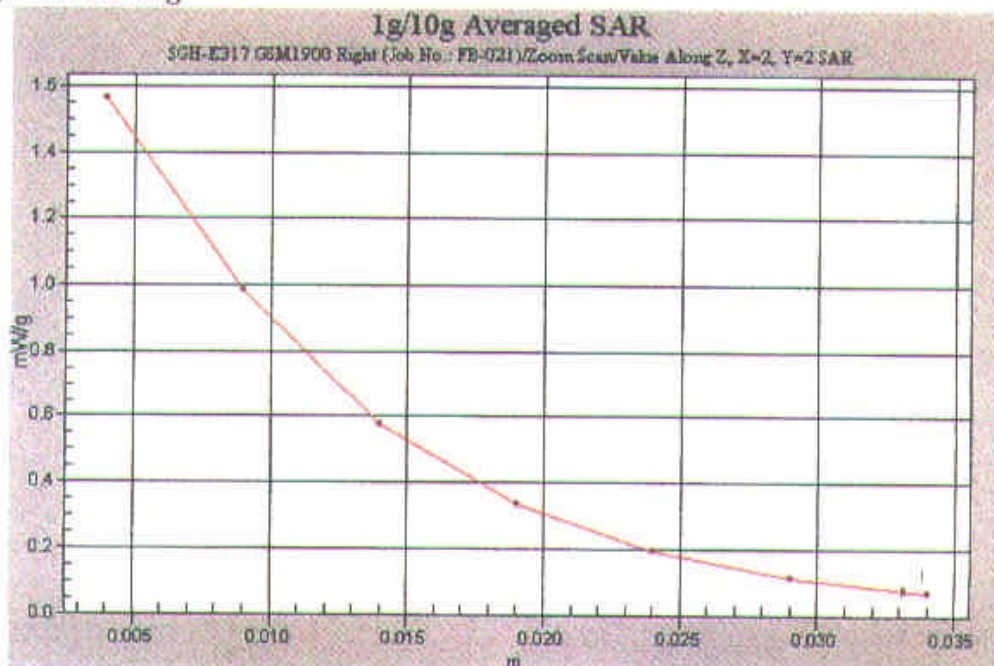
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 1.56 mW/g

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.37 mW/g



SAMSUNG FCC ID:A3LSGHE317 -- 835MHz GSM 850 Body SAR

DUT: SGH-E317 (Body); Serial: FB-021-E

Program Name: SGH-E317 GSM850 GSM mode Body (Job No. : FB-021)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-07/May/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(6.66, 6.66, 6.66); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 900MHz with CRP; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch.251, Ant. Fixed, Bat. Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.716 mW/g

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

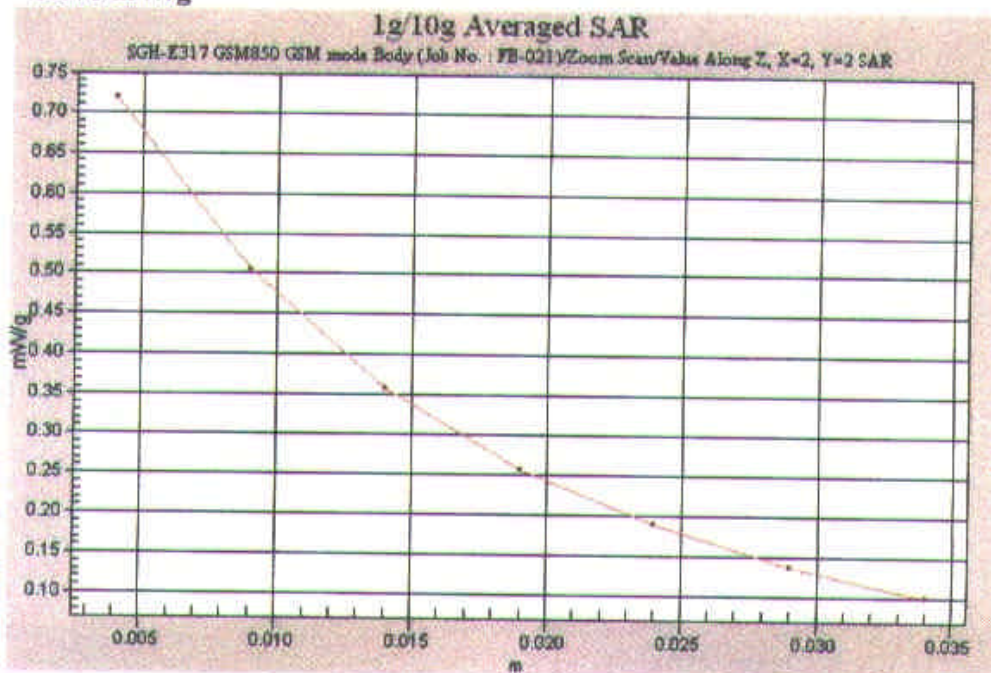
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.718 mW/g

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.670 mW/g



SAMSUNG FCC ID: A3LSGHE317 -- 1900MHz GSM1900 Body SAR

DUT: SGH-E317 (Body); Serial: FB-021-E

Program Name: SGH-E317 GSM1900 Mode Body (Job No.: FB-021)

Procedure Name: Body, Ch 512, Ant. Fixed, Bat. Standard

Procedure Notes: Tissue Temp(celsius)-20.9; Test Date-07/May/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 1.5$; mho/m, $\epsilon_r = 51.736$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Body, Ch 512, Ant. Fixed, Bat. Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 17.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.531 mW/g

Body, Ch 512, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 17.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.495 mW/g

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.464 mW/g

