

SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Head SAR

DUT: SGH-E600C;Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Right(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-11/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: Head 1900 MHzMedium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

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

$dx=15$ mm, $dy=15$ mm

Reference Value = 7.48 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.580 mW/g

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

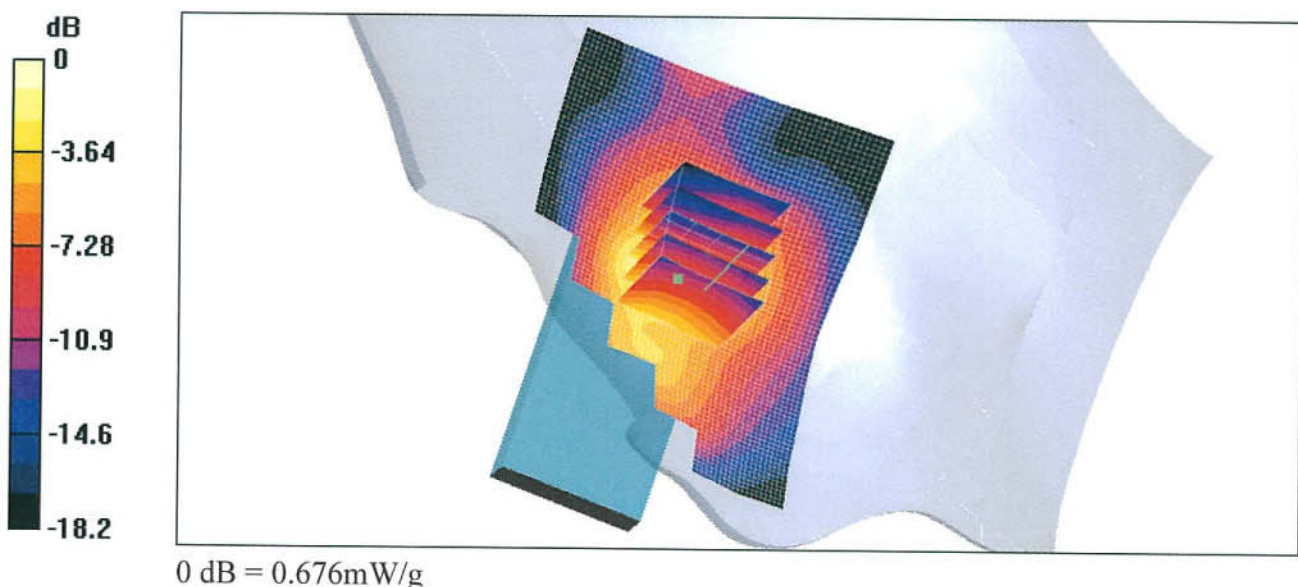
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.48 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.676 mW/g

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.624 mW/g



Test Laboratory: SAMSUNG Electronics

SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Head SAR

DUT: SGH-E600C;Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Right(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-12/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: Head 1900 MHzMedium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

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

Tilt, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.77 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.124 mW/g

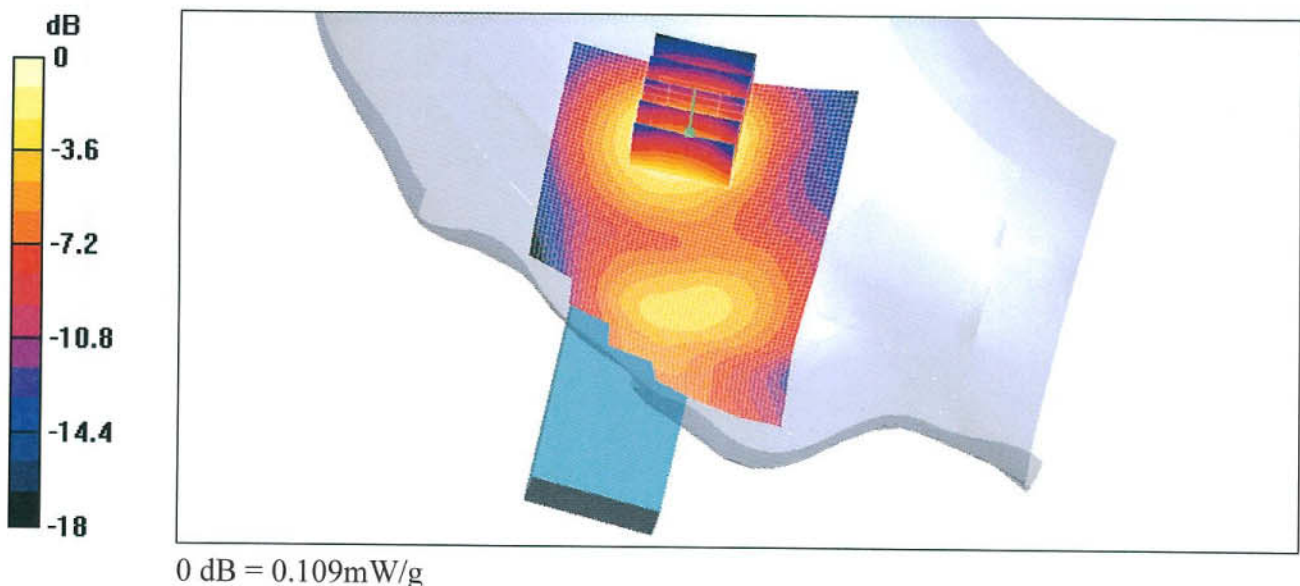
Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.77 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.109 mW/g

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.101 mW/g



Test Laboratory: SAMSUNG Electronics

SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Head SAR

DUT: SGH-E600C;Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Left(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-11/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: Head 1900 MHzMedium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

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, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (91x131x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Reference Value = 5.81 V/m; Power Drift = 0.2 dB

Maximum value of SAR (interpolated) = 0.653 mW/g

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

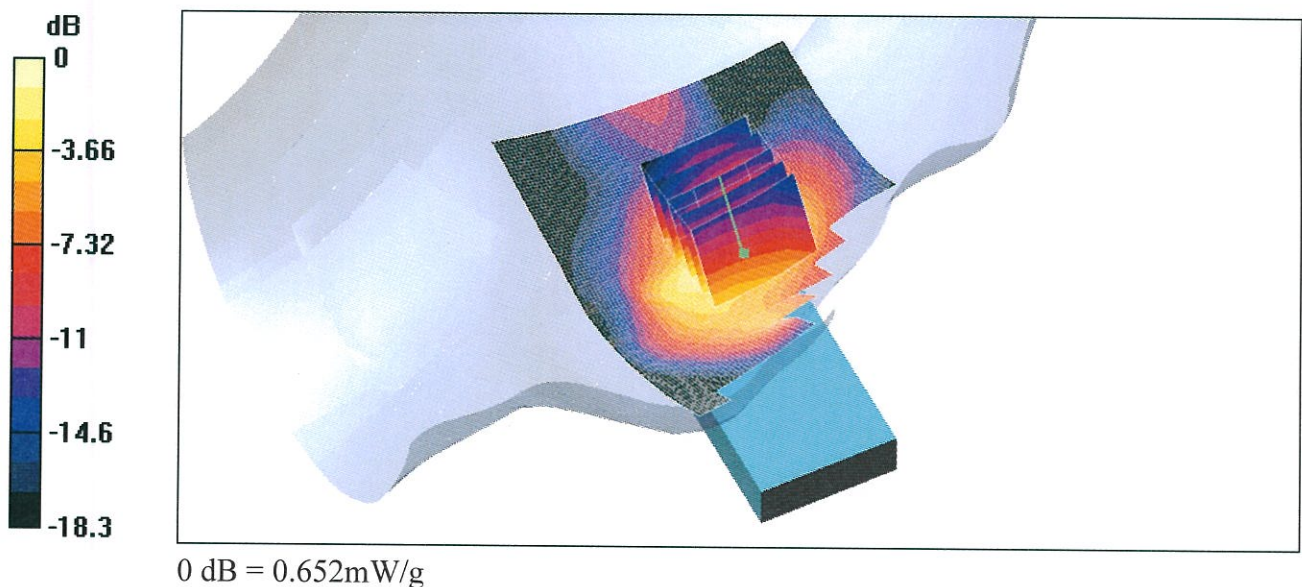
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.81 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.652 mW/g

Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.581 mW/g



SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Head SAR

DUT: SGH-E600C;Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Left(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-11/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: Head 1900 MHzMedium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

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

Tilt, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (91x131x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Reference Value = 8.01 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.116 mW/g

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

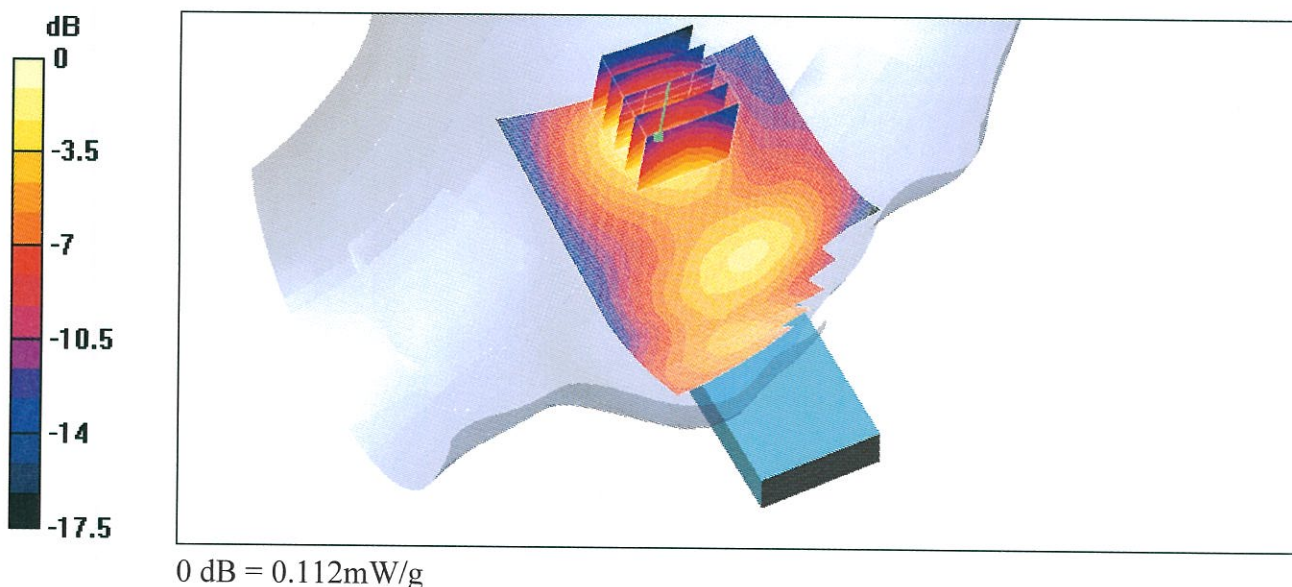
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.01 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.112 mW/g

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.103 mW/g



SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Body SAR

DUT: SGH-E600C (Body);Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Body(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue(celsius)-21.0;Test Date-15/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: 1900MHz(body)Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

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:

$dx=15$ mm, $dy=15$ mm

Reference Value = 17.1 V/m; Power Drift = -0.004 dB

Maximum value of SAR (interpolated) = 0.500 mW/g

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

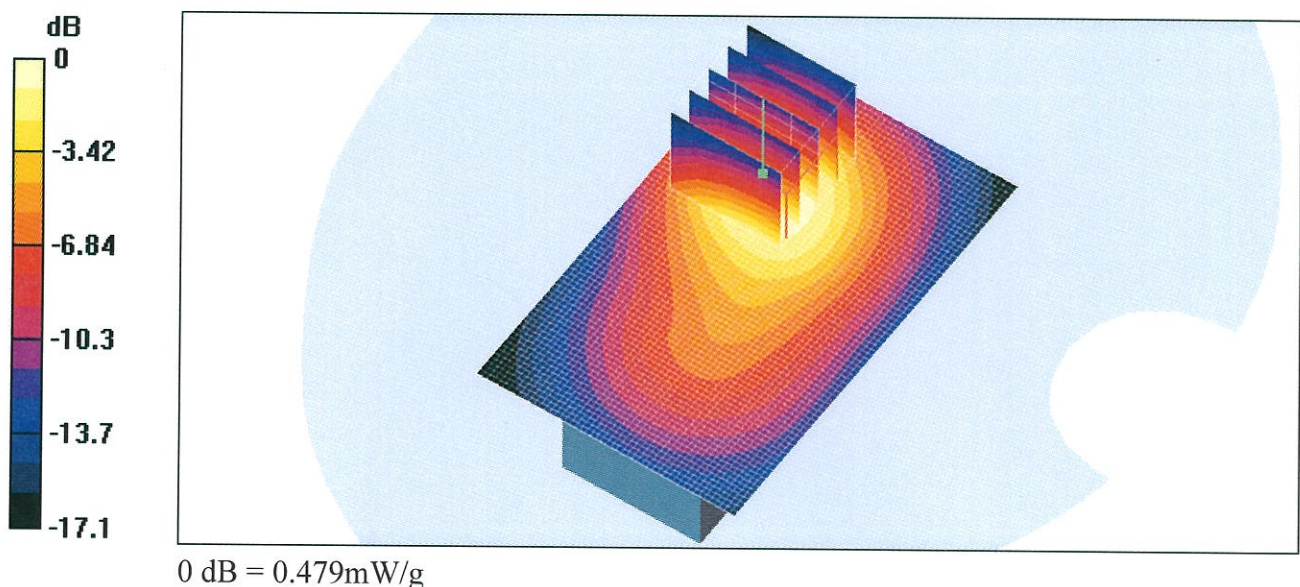
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.1 V/m; Power Drift = -0.004 dB

Maximum value of SAR (measured) = 0.479 mW/g

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.444 mW/g



SAMSUNG FCC ID:A3LSGHE600C--1900MHz GPRS1900 Body SAR

DUT: SGH-E600C(Body);Serial: FB-013-C

Program Name: SGH-E600C GPRS1900 Body(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue(celsius)-21.0;Test Date-15/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900 GPRS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium: 1900MHz(body)Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

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:

$dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 15.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.384 mW/g

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

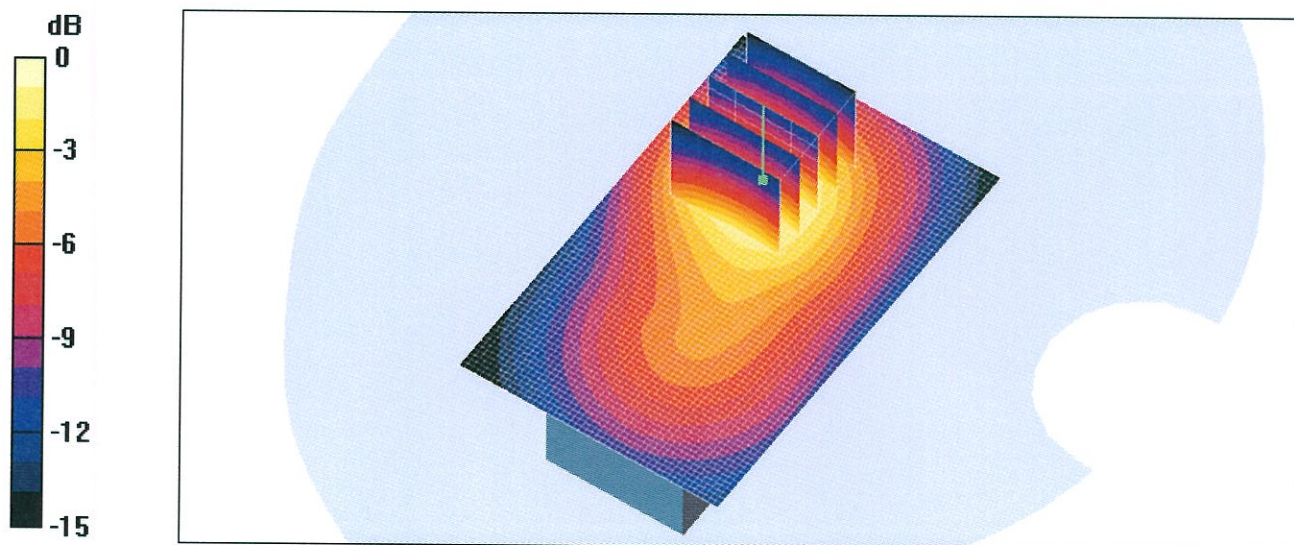
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.376 mW/g

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.348 mW/g



0 dB = 0.376mW/g

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DUT: SGH-E600C;Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Right(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Test Date-11/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

Medium: Head 1900 MHzMedium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

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
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Reference Value = 7.48 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.580 mW/g

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

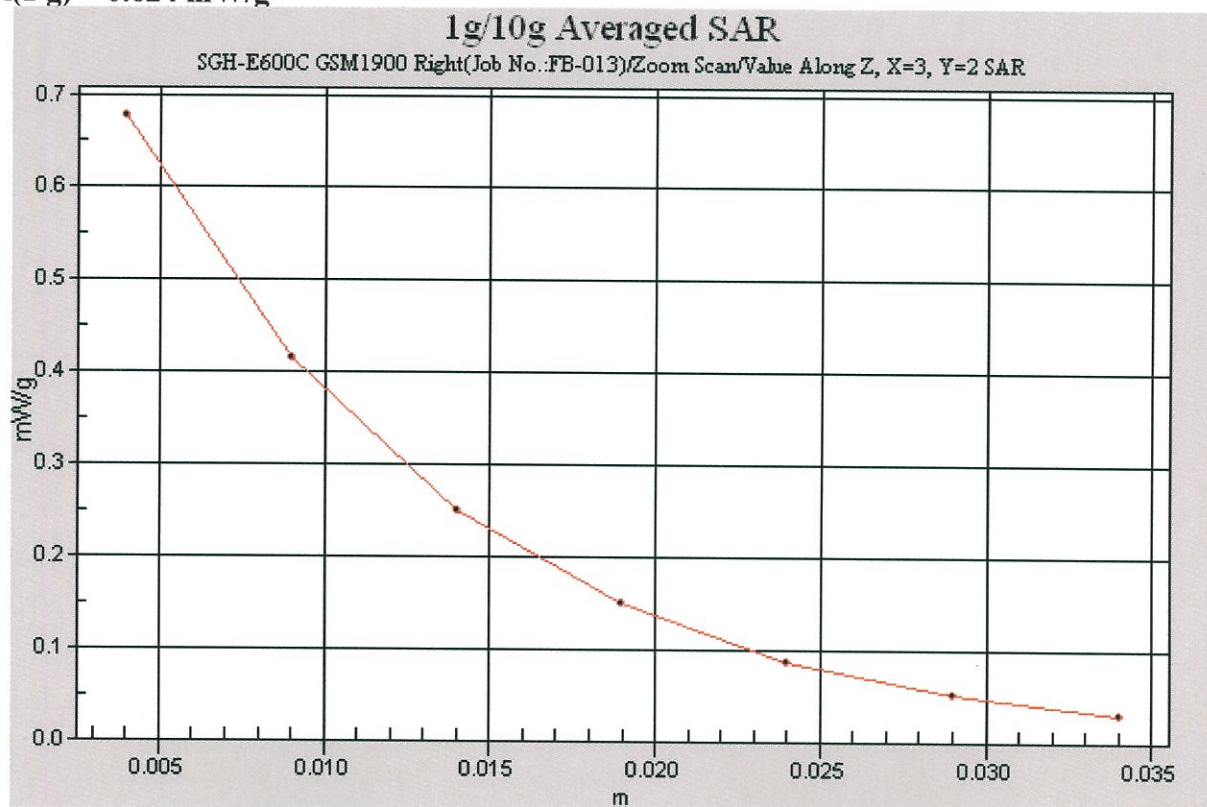
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.48 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.676 mW/g

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.624 mW/g



SAMSUNG FCC ID:A3LSGHE600C--1900MHz GSM1900 Body SAR

DUT: SGH-E600C (Body);Serial: FB-013-C

Program Name: SGH-E600C GSM1900 Body(Job No.:FB-013)

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

Procedure Notes: Meas.Tissue(celsius)-21.0;Test Date-15/Mar/2004[OET Bulletin 65-Supplement C, July 2001]

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

$dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 17.1 V/m; Power Drift = -0.004 dB

Maximum value of SAR (interpolated) = 0.500 mW/g

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$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.1 V/m; Power Drift = -0.004 dB

Maximum value of SAR (measured) = 0.479 mW/g

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.444 mW/g

