

SAMSUNG FCC ID:A3LSGHE608--1900MHz GSM1900 Head SAR

DUT: SGH-E608;Serial: FB-012-C

Program Name: SGH-E608 GSM1900 Right(Job No.:FB-012)

Procedure Name: Cheek, 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: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

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

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

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:

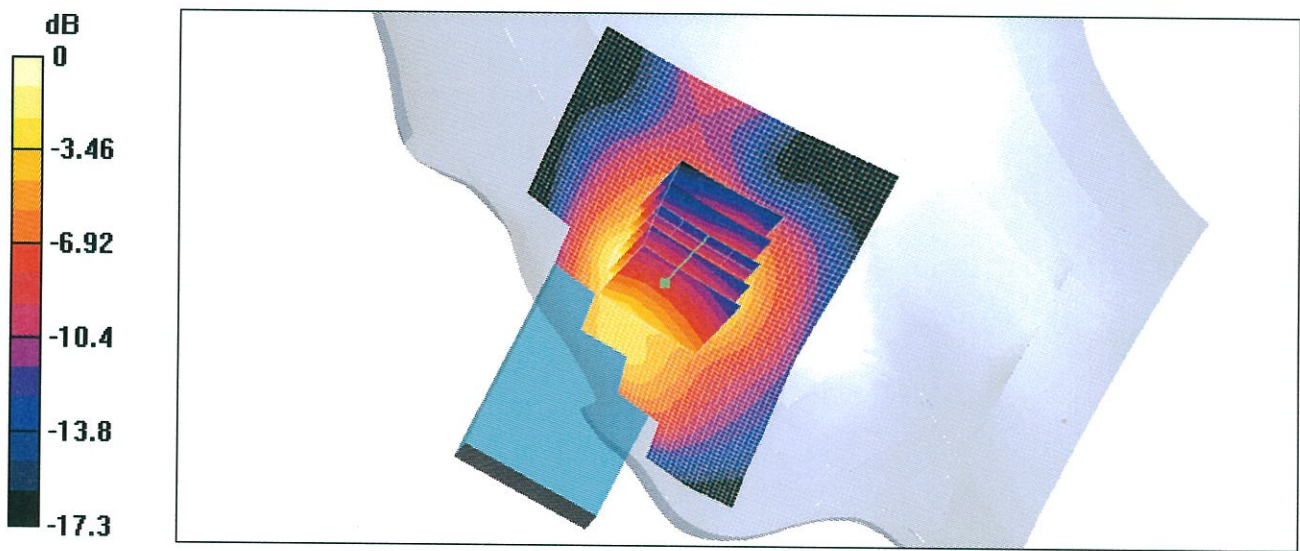
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Maximum value of SAR (measured) = 0.586 mW/g

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.550 mW/g



Test Laboratory: SAMSUNG Electronics

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Program Name: SGH-E608 GSM1900 Right(Job No.:FB-012)

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; $\epsilon_r = 39.1$; $\rho = 1000$ 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
- 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: $dx=15$ mm, $dy=15$ mm

Reference Value = 9.07 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.128 mW/g

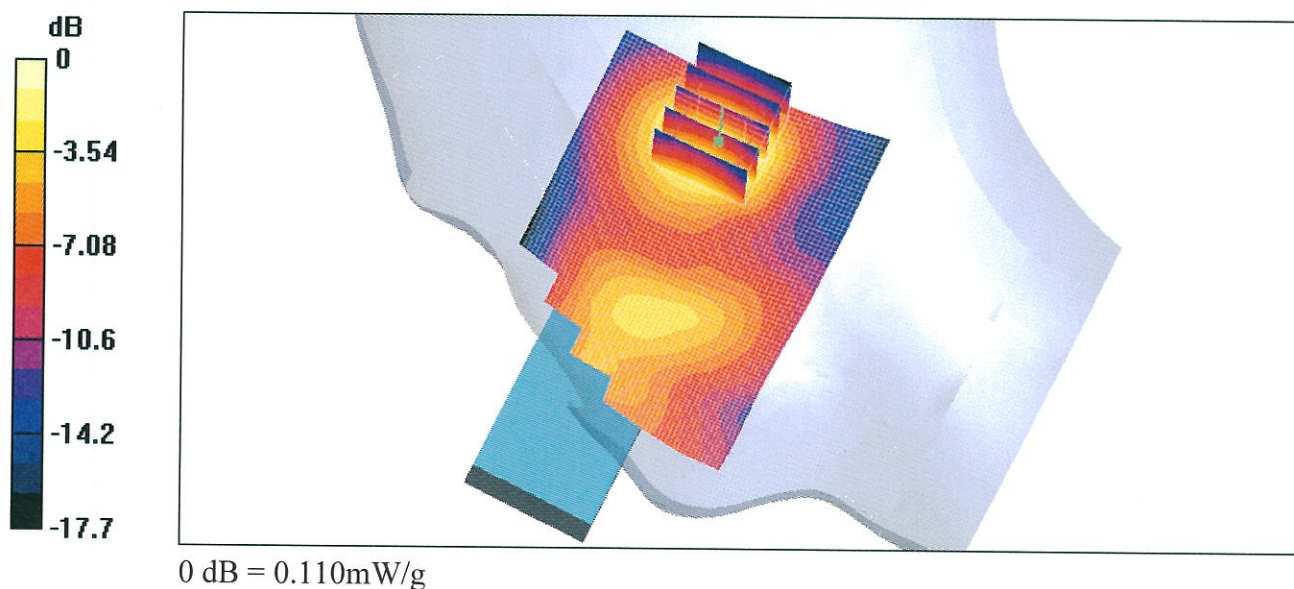
Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.07 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.110 mW/g

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.102 mW/g



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DUT: SGH-E608; Serial: FB-012-C

Program Name: SGH-E608 GSM1900 Left(Job No.:FB-012)

Procedure Name: Cheek, 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 MHz Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ 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 (61x91x1): Measurement grid:

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

Reference Value = 6.64 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.591 mW/g

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

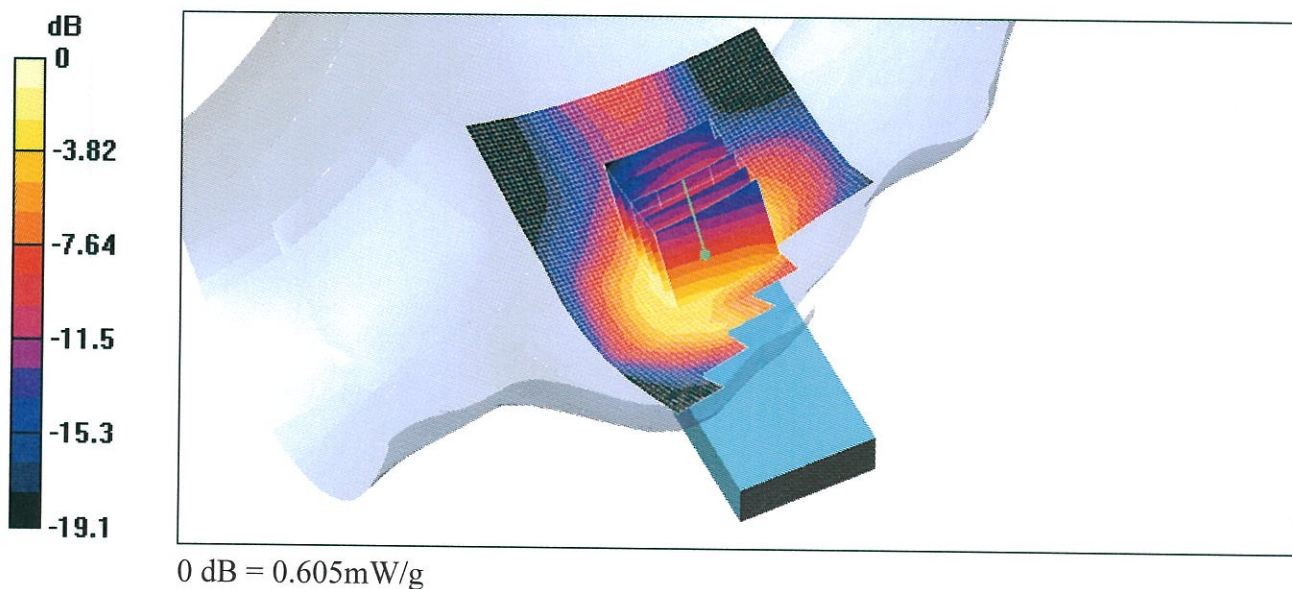
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.64 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.605 mW/g

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.548 mW/g



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Procedure Notes: Meas.Tissue Temp(celsius)-21.2;Tested 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; $\epsilon_r = 39.1$; $\rho = 1000$ 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 (61x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 8.09 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.129 mW/g

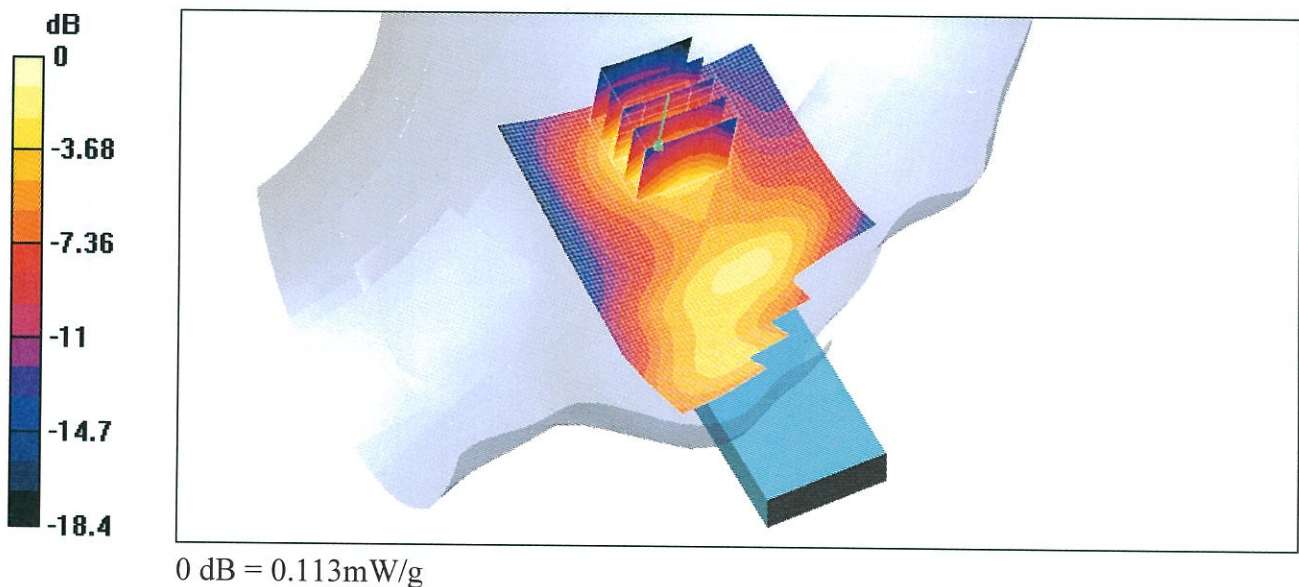
Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.09 V/m; Power Drift = -0.2 dB

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

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.105 mW/g



Test Laboratory: SAMSUNG Electronics

SAMSUNG FCC ID:A3LSGHE608--1900MHz GSM1900 Body SAR

DUT: SGH-E608(Body);Serial: FB-012-C

Program Name: SGH-E608 GSM1900 Body(Job No.:FB-012)

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: $f = 1850.2 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

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 = -0.0 dB

Maximum value of SAR (interpolated) = 0.390 mW/g

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

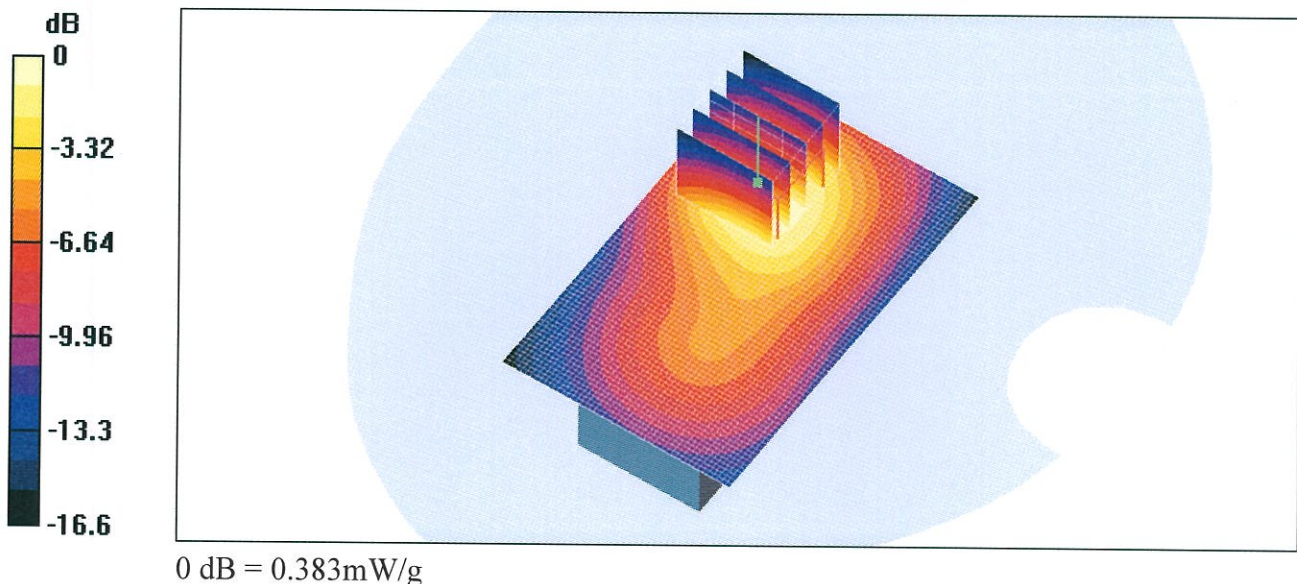
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.383 mW/g

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.358 mW/g



SAMSUNG FCC ID:A3LSGHE608--1900MHz GPRS1900 Body SAR

DUT: SGH-E608(Body);Serial: FB-012-C

Program Name: SGH-E608 GPRS1900 Body(Job No.:FB-012)

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: $f = 1850.2$ 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 = 15 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.377 mW/g

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

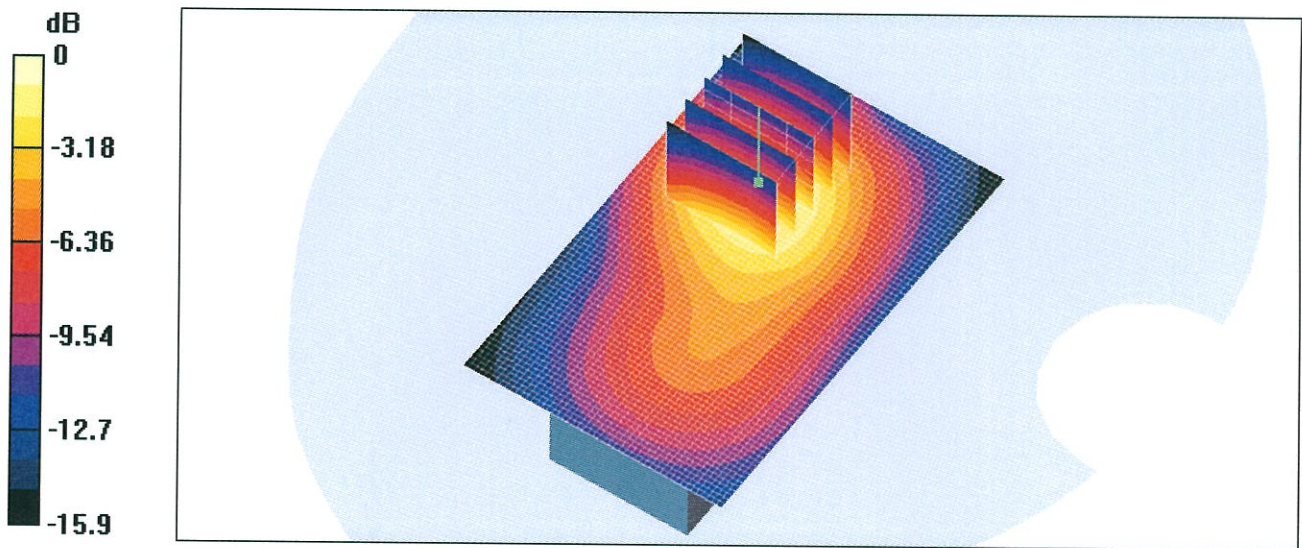
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.373 mW/g

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.340 mW/g



0 dB = 0.373mW/g

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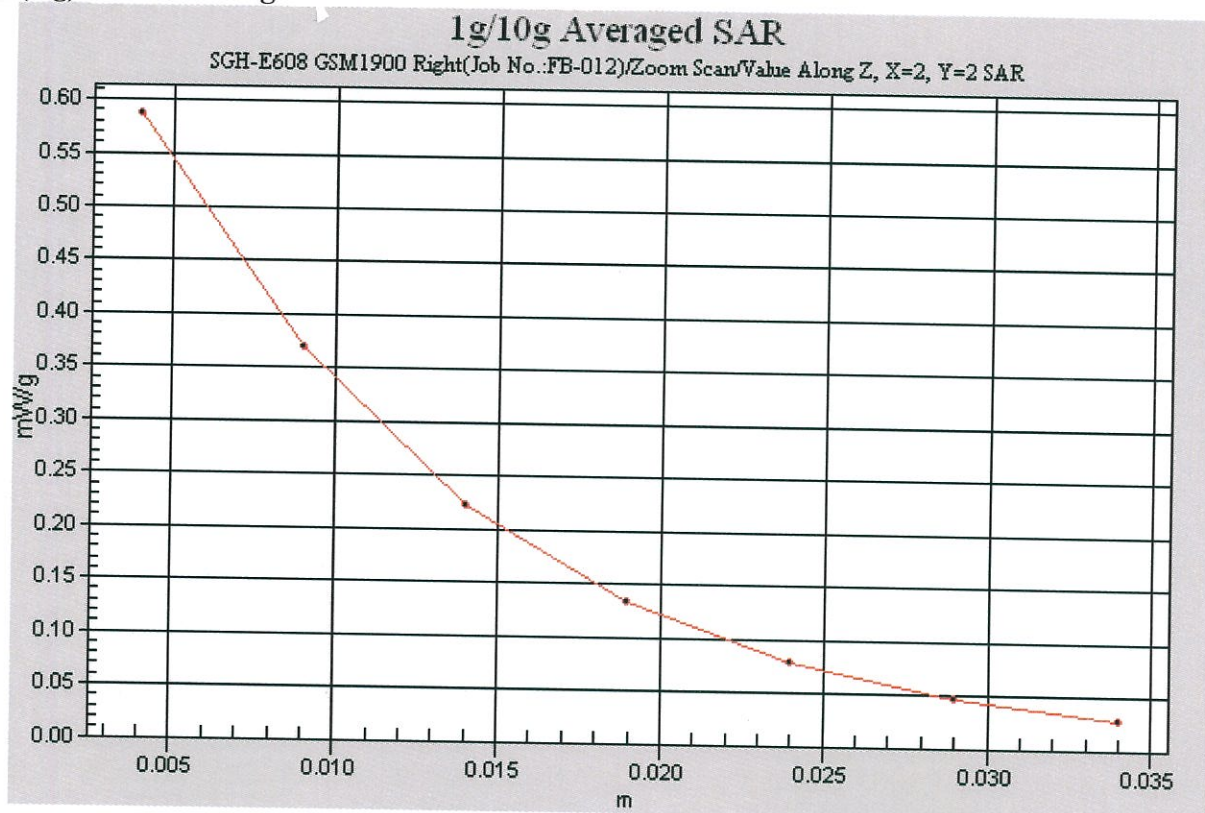
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