

SAMSUNG FCC ID: A3LSGHP730 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P730; Serial: FB-028-A

Program Name: SGH-P730 GSM1900 Right (Job No.: FB-028)

Procedure Name: Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-24/May/2004 [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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Area Scan (61x91x1):

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

Reference Value = 4.55 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.205 mW/g

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Zoom Scan

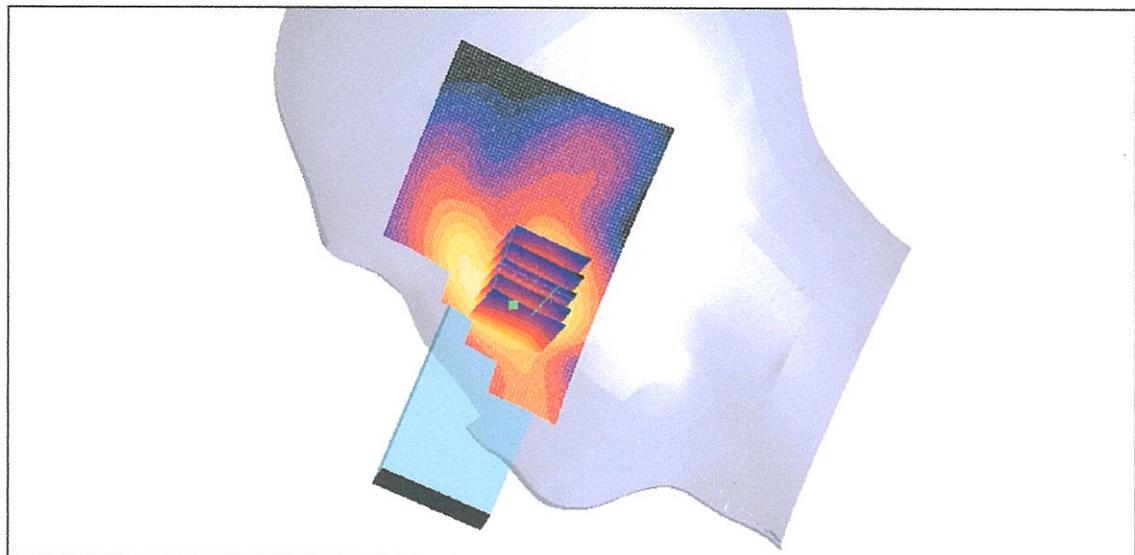
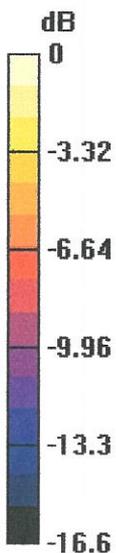
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.55 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.209 mW/g

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.183 mW/g



0 dB = 0.209 mW/g

DUT: SGH-P730; Serial: FB-028-A

Program Name: SGH-P730 GSM1900 Right (Job No.: FB-028)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-24/May/2004[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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 5.34 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.045 mW/g

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 5.34 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.043 mW/g

Peak SAR (extrapolated) = 0.059 W/kg

SAR(1 g) = 0.040 mW/g

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Extended/Zoom Scan (5x5x7)/Cube 1:

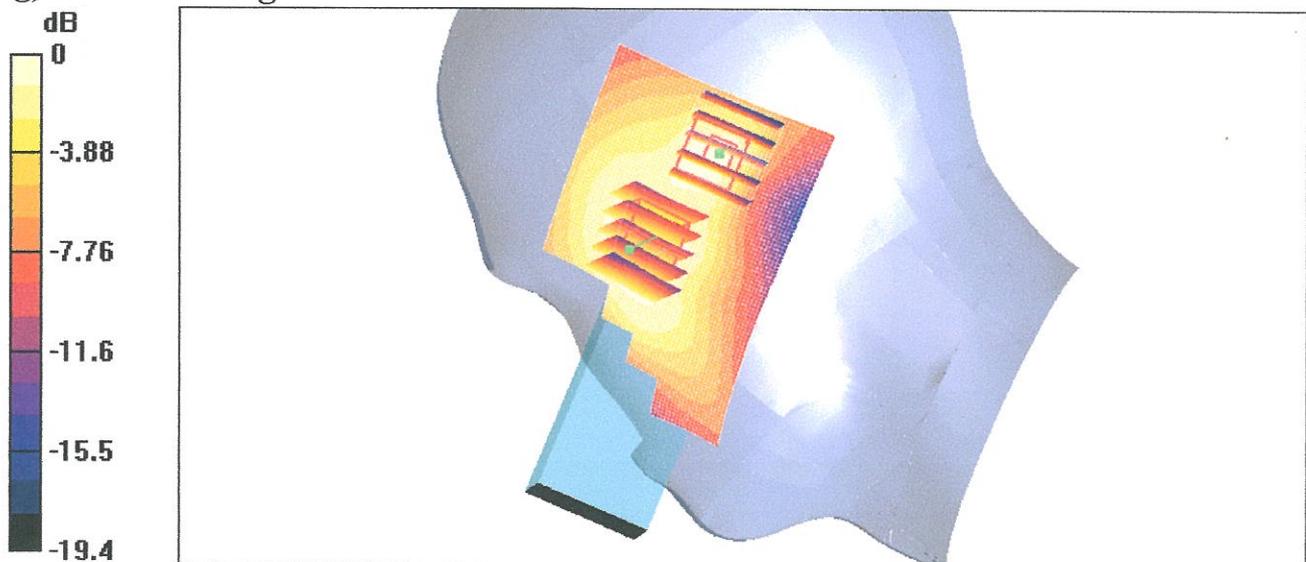
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.34 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.046 mW/g

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.041 mW/g



SAMSUNG FCC ID: A3LSGHP730 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P730; Serial: FB-028-A

Program Name: SGH-P730 GSM1900 Left (Job No.: FB-028)

Procedure Name: Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-24/May/2004[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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Area Scan (61x91x1):

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

Reference Value = 4.51 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.219 mW/g

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Zoom Scan

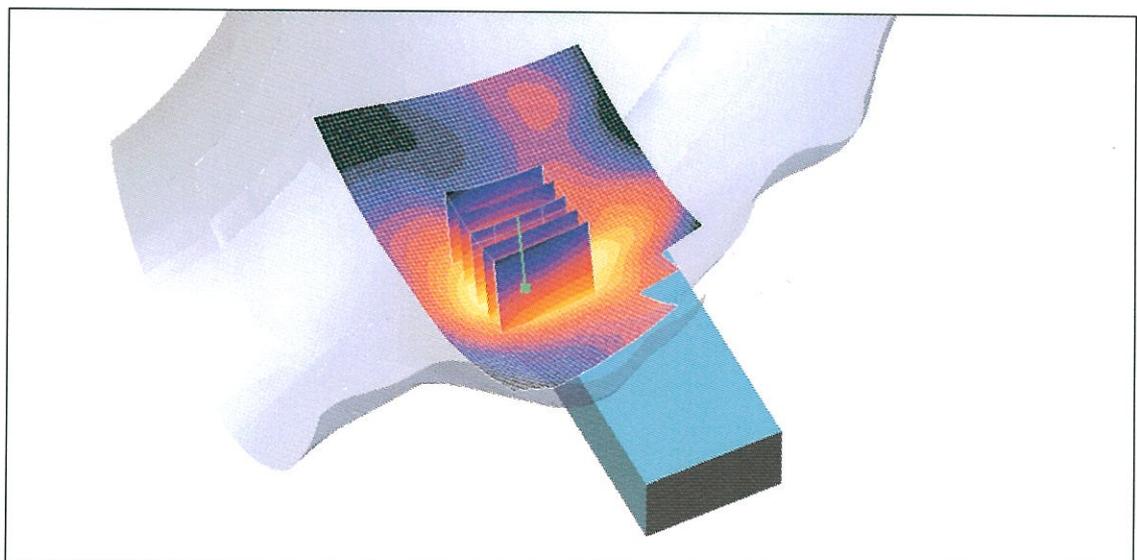
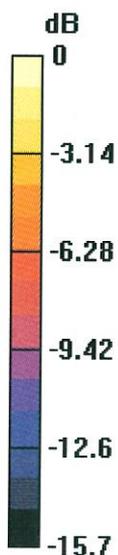
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.51 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.206 mW/g

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.191 mW/g



0 dB = 0.206mW/g

SAMSUNG FCC ID: A3LSGHP730 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P730; Serial: FB-028-A

Program Name: SGH-P730 GSM1900 Left (Job No.: FB-028)

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

Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-24/May/2004 [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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

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

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

Reference Value = 4.56 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.040 mW/g

Ear/Tilt, Ch.661, Ant. Fixed, Bat.Extended/Zoom Scan (5x5x7)/Cube 0:

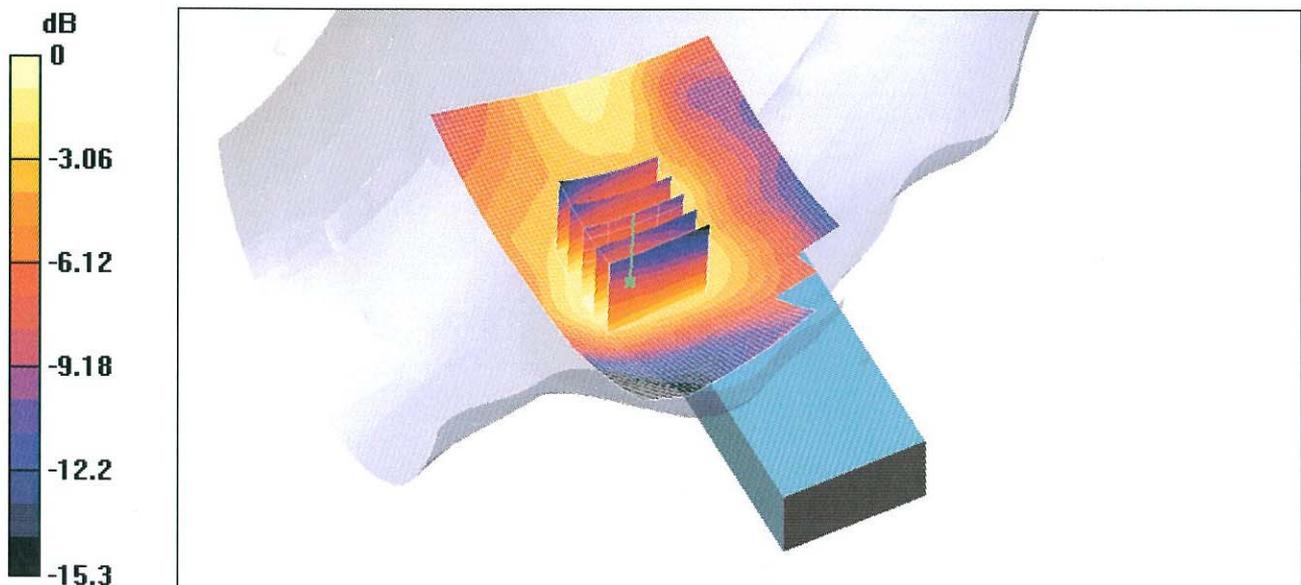
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.56 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.040 mW/g

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.038 mW/g



0 dB = 0.040mW/g

SAMSUNG FCC ID: A3LSGHP730 -- 1900MHz GSM1900 Body SAR

DUT: SGH-P730(Body); Serial: FB-028-A

Program Name: SGH-P730 GSM1900 Mode Body (Job No.FB-028)

Procedure Name: Body, Ch 810, Ant. Fixed, Bat. Extended

Procedure Notes: Meas.Tissue Temp(celsius)-20.7;Test Date-25/May/2004[OET Bulletin 65-Supplement C, July 2001]

Communication System: Body 1900 ; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f=1909.8\text{MHz}$; $\sigma = 1.52$; mho/m, $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

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 810, Ant. Fixed, Bat. Extended/Area Scan (51x81x1): Measurement

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

Reference Value = 17.5 V/m; Power Drift = 0.0 dB

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

Body, Ch 810, Ant. Fixed, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

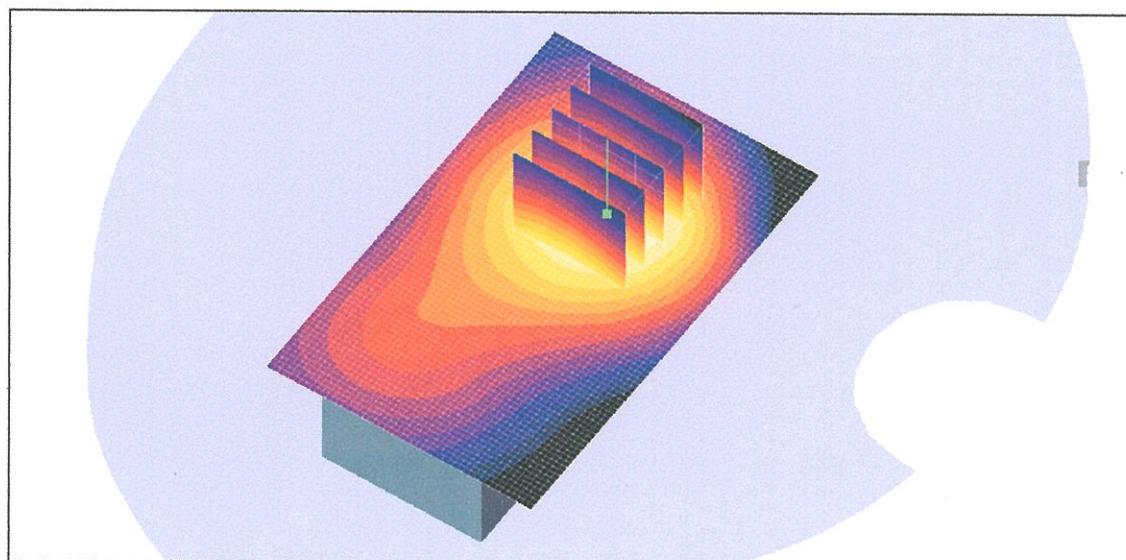
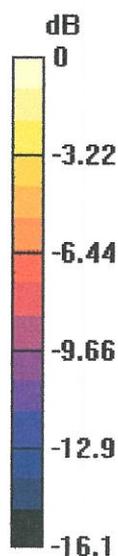
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.5 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.488 mW/g

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.448 mW/g



0 dB = 0.488mW/g

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Program Name: SGH-P730 GSM1900 Left (Job No.: FB-028)

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Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-24/May/2004[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; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ 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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Area Scan (61x91x1):

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

Reference Value = 4.51 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.219 mW/g

Cheek/Touch, Ch.810, Ant. Fixed, Bat.Extended/Zoom Scan

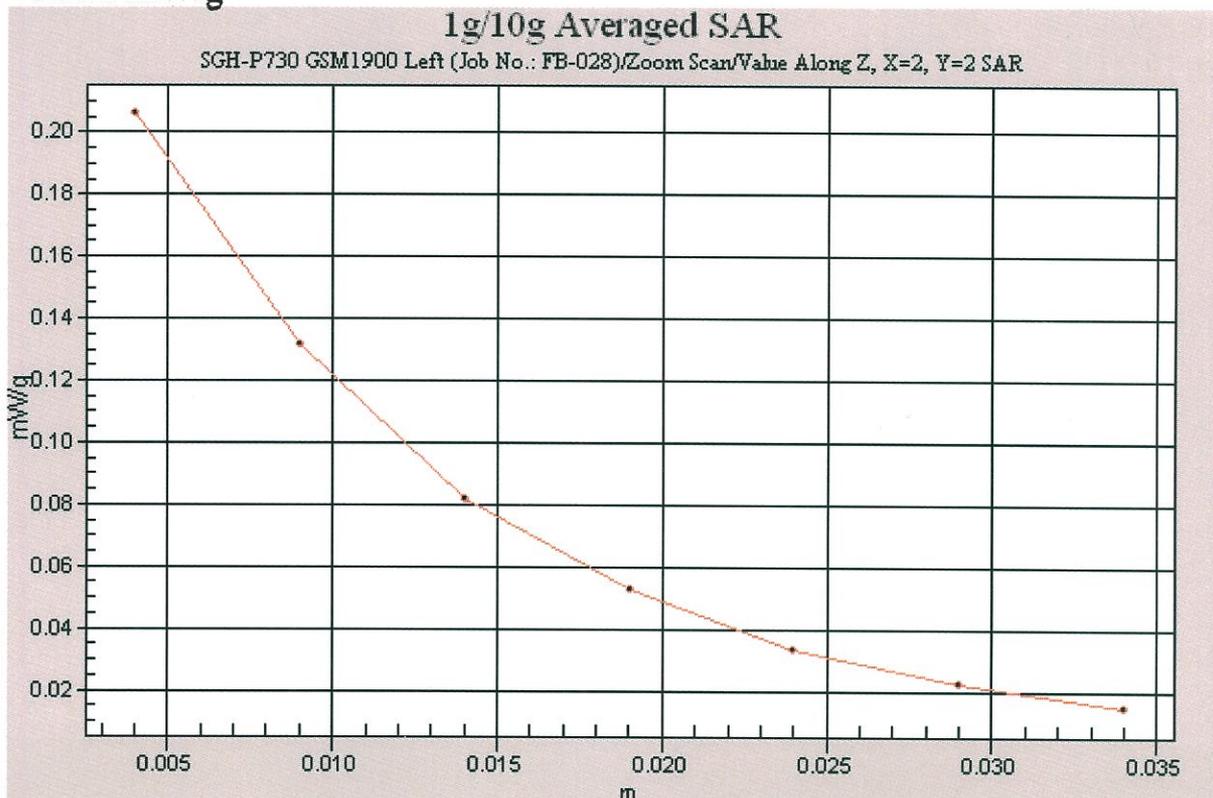
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Phantom section: Flat Section

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- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
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Body, Ch 810, Ant. Fixed, Bat. Extended/Area Scan (51x81x1): Measurement

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

Reference Value = 17.5V/m ; Power Drift = 0.0dB

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

Body, Ch 810, Ant. Fixed, Bat. Extended/Zoom Scan (5x5x7)/Cube 0:

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