

SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P735; Serial: FB-033-B

Program Name: SGH-P735 GSM1900 Right (Job No.: FB-035)

Procedure Name: Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

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

Reference Value = 5.39 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.354 mW/g

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Zoom Scan

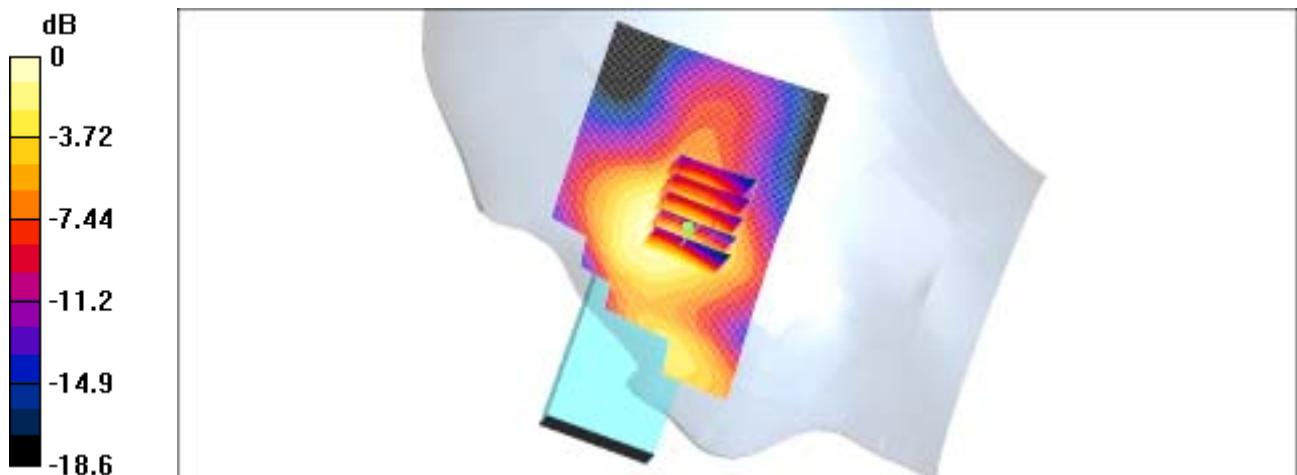
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.39 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.330 mW/g

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.301 mW/g



0 dB = 0.330mW/g

SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P735; Serial: FB-033-B

Program Name: SGH-P735 GSM1900 Right (Job No.: FB-035)

Procedure Name: Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Jun/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

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

Reference Value = 7.96 V/m; Power Drift = 0.0 dB

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

Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

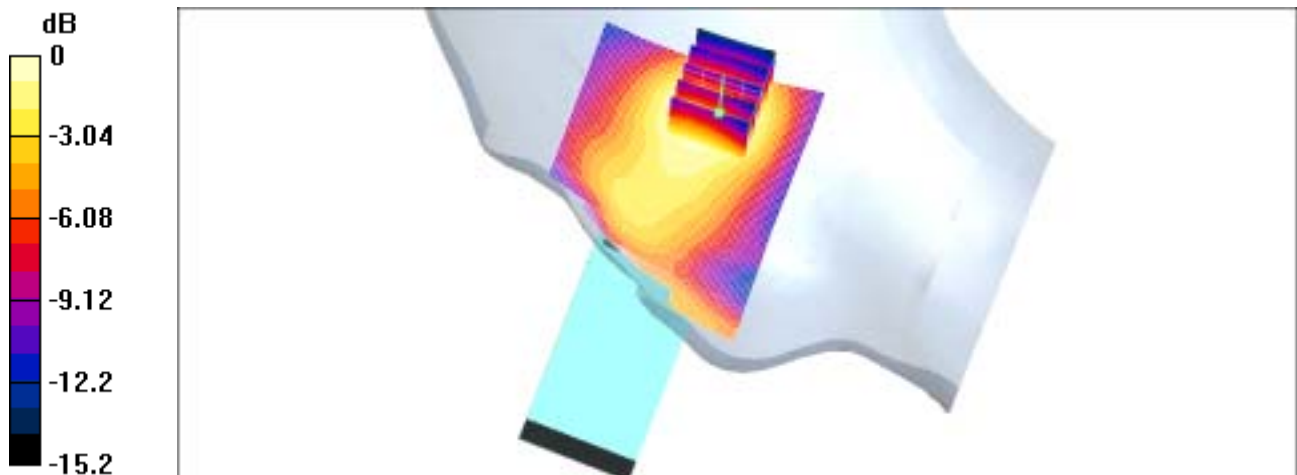
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.96 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.100 mW/g

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.094 mW/g



0 dB = 0.100mW/g

SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P735; Serial: FB-033-B

Program Name: SGH-P735 GSM1900 Left (Job No.: FB-035)

Procedure Name: Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Jun/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

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

Reference Value = 5.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.440 mW/g

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Zoom Scan

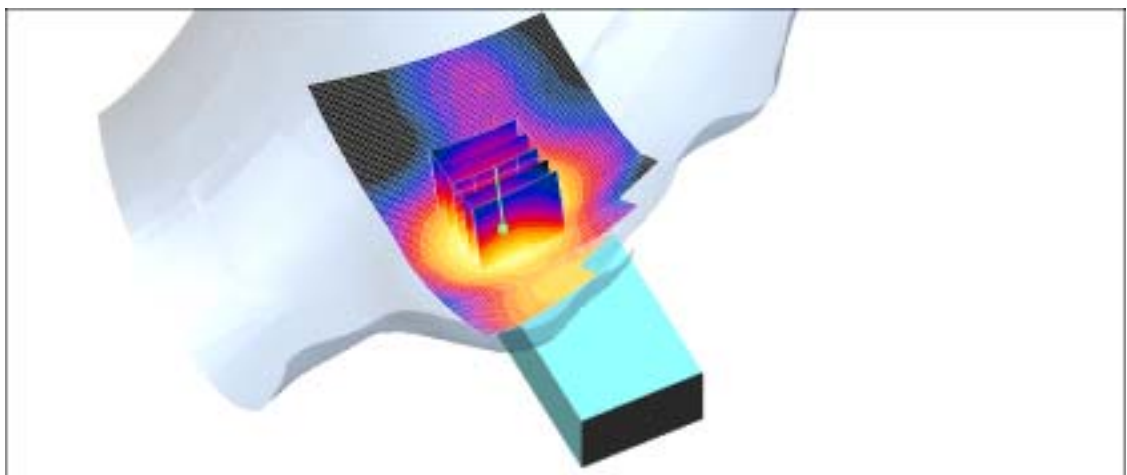
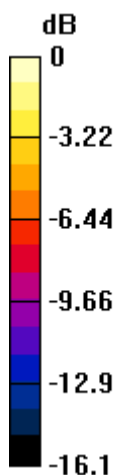
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.423 mW/g

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.397 mW/g



0 dB = 0.423mW/g

SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P735; Serial: FB-033-B

Program Name: SGH-P735 GSM1900 Left (Job No.: FB-035)

Procedure Name: Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Jun/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):

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

Reference Value = 9.46 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.157 mW/g

Ear/Tilt, Ch.0661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

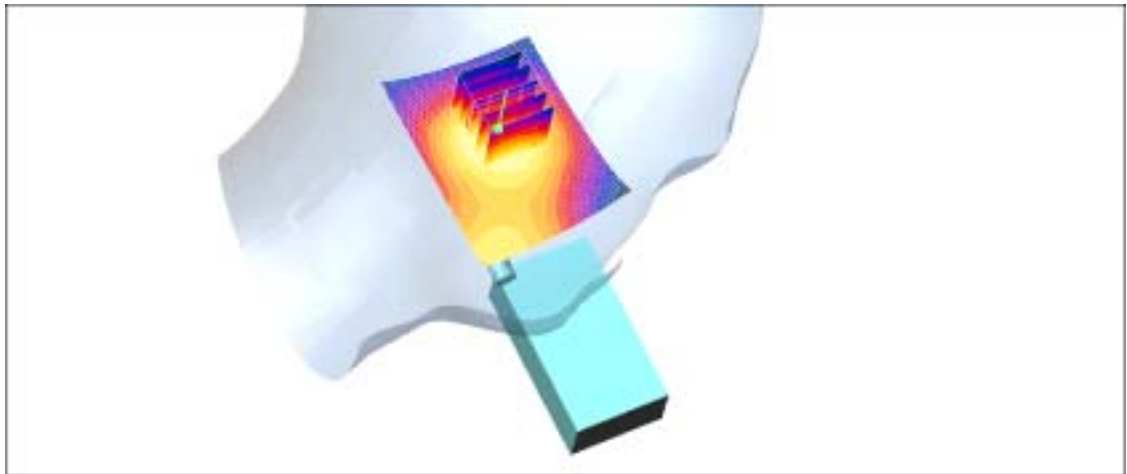
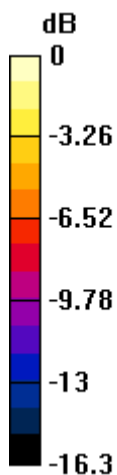
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.46 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.140 mW/g

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.130 mW/g



0 dB = 0.140mW/g

SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Body SAR

DUT: SGH-P735 (Body); Serial: FB-035-B

Program Name: SGH-P735 GSM1900 Mode Body (Job No.: FB-035)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-21/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.53$; mho/m, $\epsilon_r = 51.3411$; $\rho = 1000 \text{ kg/m}^3$

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.Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.499 mW/g

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

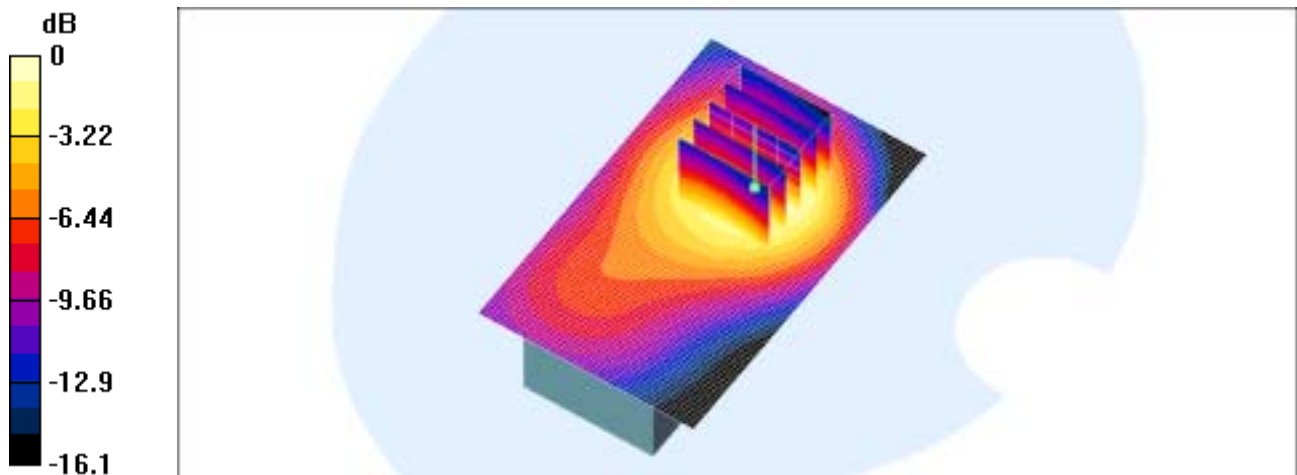
Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Maximum value of SAR (measured) = 0.491 mW/g

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.451 mW/g



0 dB = 0.491mW/g

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DUT: SGH-P735; Serial: FB-033-B

Program Name: SGH-P735 GSM1900 Left (Job No.: FB-035)

Procedure Name: Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Jun/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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 And Optical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2003-11-17
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Area Scan (61x91x1):

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

Reference Value = 5.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.440 mW/g

Cheek/Touch, Ch.0810, Ant.Fixed, Bat.Standard/Zoom Scan

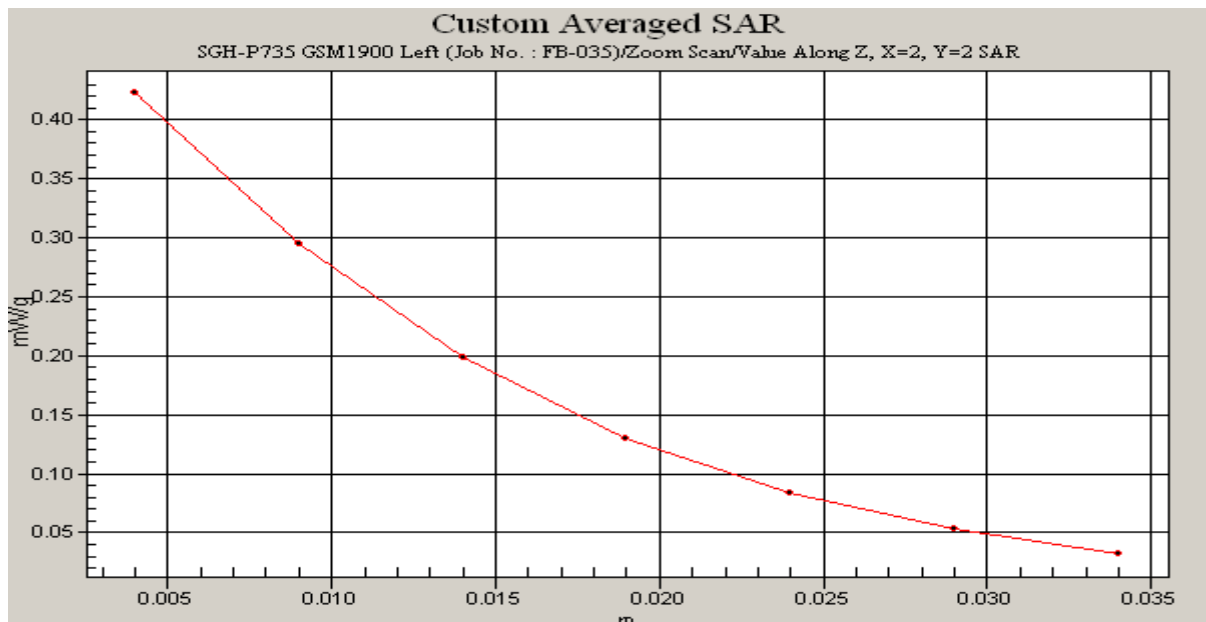
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.423 mW/g

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.397 mW/g



SAMSUNG FCC ID : A3LSGHP735 -- 1900MHz GSM1900 Body SAR

DUT: SGH-P735 (Body); Serial: FB-035-B

Program Name: SGH-P735 GSM1900 Mode Body (Job No.: FB-035)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.1; Test Date-21/Jun/2004 [OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.53$; mho/m, $\epsilon_r = 51.3411$; $\rho = 1000 \text{ kg/m}^3$

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.Standard/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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SAR(1 g) = 0.451 mW/g

