SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GSM850 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM850 Right (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: f = 824.2 MHz; σ = 0.88 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.77 V/m; Power Drift = 0.2 dB
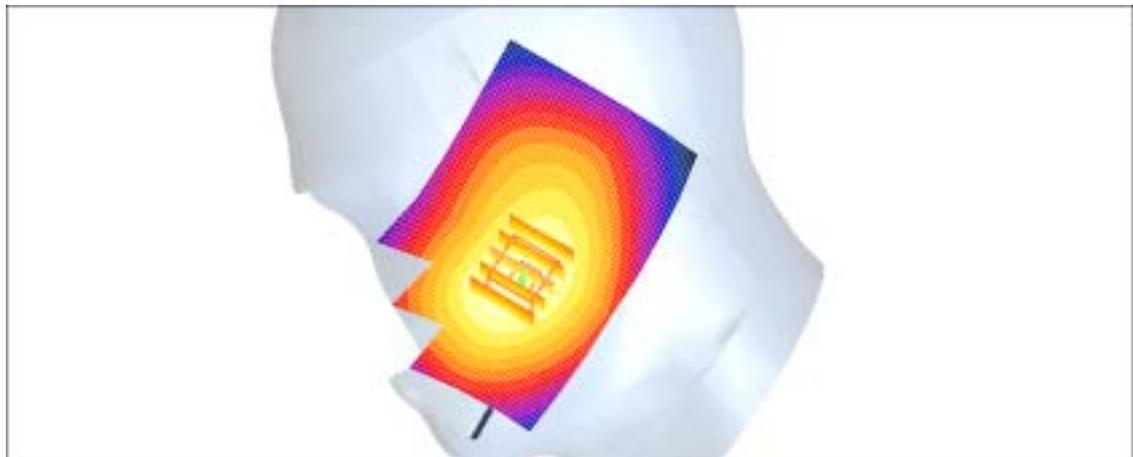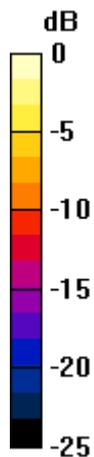Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.681 mW/g
Maximum value of SAR (measured) = 0.740 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.706 mW/g

0 dB = 0.706mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GSM850 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM850 Right (Job No. : FC-016)
Procedure Name: Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-28/Jan/2005[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; $\sigma = 0.88$ mho/m; $\varepsilon_r = 40$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
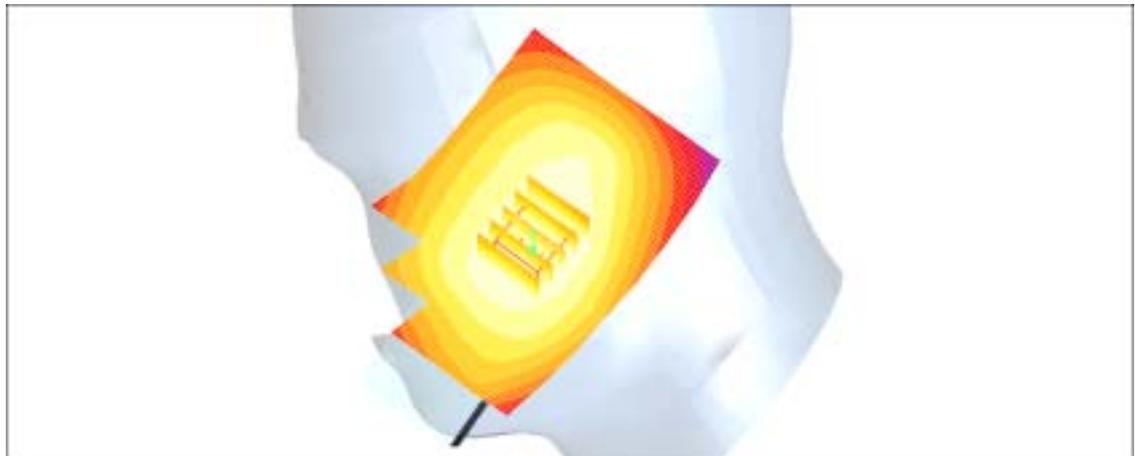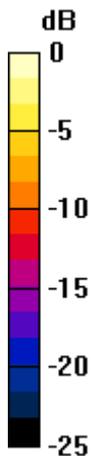
Reference Value = 7.65 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.154 mW/g

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.152 mW/g

0 dB = 0.152mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GSM850 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM850 Left (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: f = 824.2 MHz; σ = 0.88 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.52 V/m; Power Drift = 0.1 dB
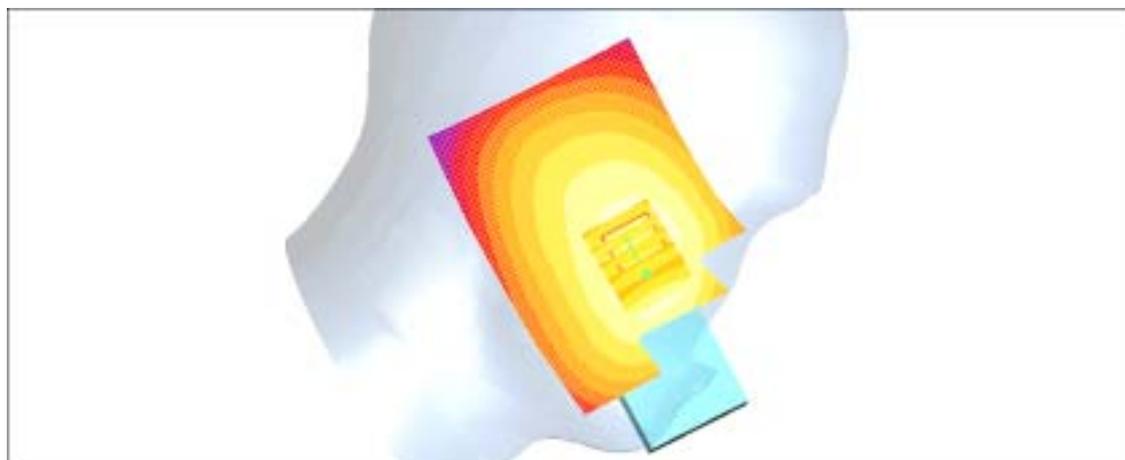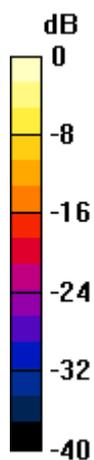Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.643 mW/
Maximum value of SAR (measured) = 0.658 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.642 mW/g

0 dB = 0.642mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GSM850 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM850 Left (Job No. : FC-016)
Procedure Name: Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-28/Jan/2005[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; $\sigma = 0.88$ mho/m; $\varepsilon_r = 40$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
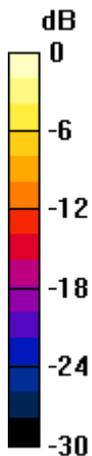Reference Value = 8.55 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.172 mW/g

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 mW/g

0 dB = 0.179mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM1900 Right (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-28/Jan/2005[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, $\varepsilon_r = 39.2097$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.0 dB
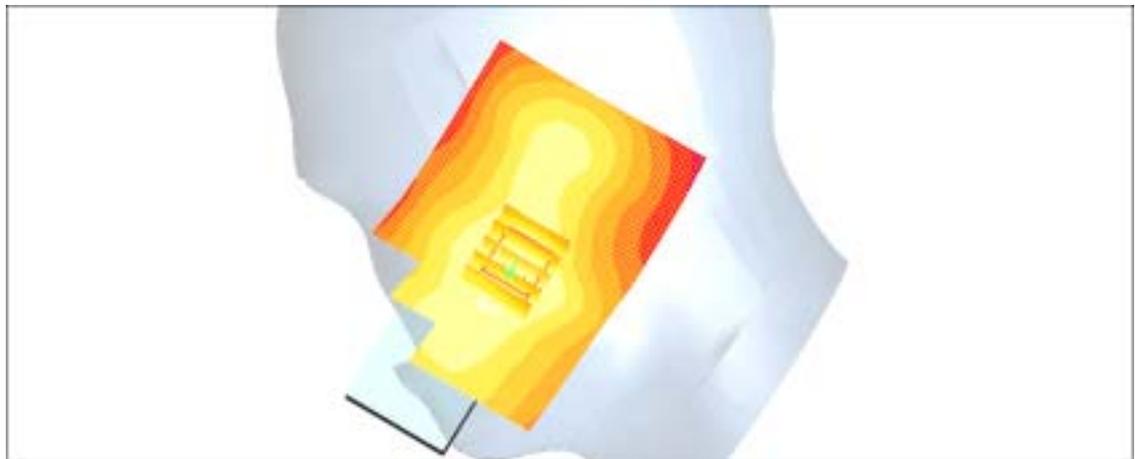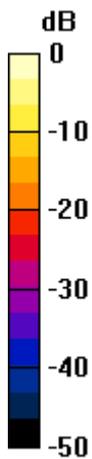Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.802 mW/g
Maximum value of SAR (measured) = 0.892 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.855 mW/g

0 dB = 0.855mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM1900 Right (Job No. : FC-016)
Procedure Name: Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-28/Jan/2005[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, $\varepsilon_r = 39.2097$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
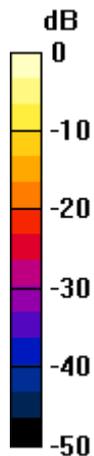
Reference Value = 12.3 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.255 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.304 mW/g

0 dB = 0.304mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM1900 Left (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.810, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $\sigma = 1.41$; mho/m, $\varepsilon_r = 39.2097$; $\rho = 1000$ kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.65 V/m; Power Drift = -0.2 dB
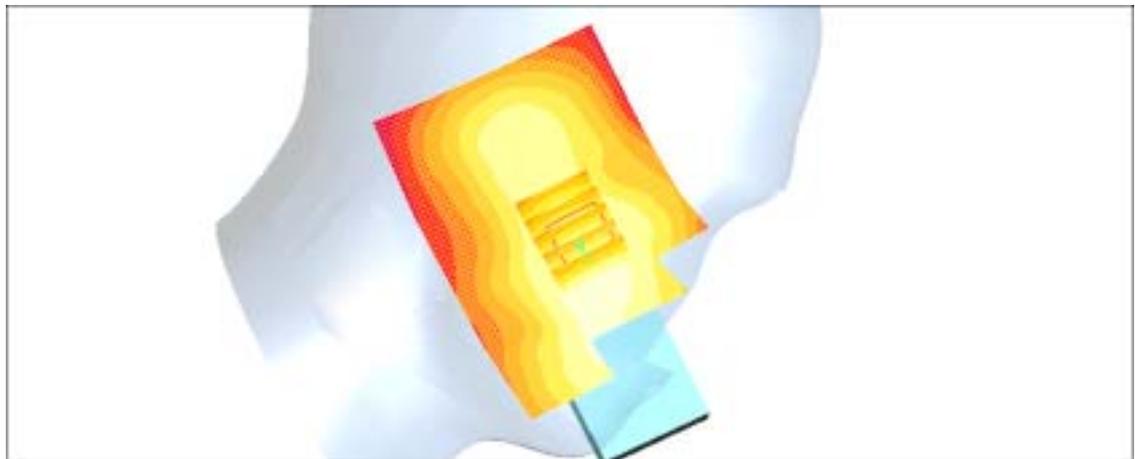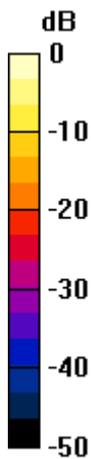Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.663 mW/g
Maximum value of SAR (measured) = 0.730 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.680 mW/g

0 dB = 0.680mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM1900 Left (Job No. : FC-016)
Procedure Name: Ear/Tilt, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: σ = 1.41; mho/m, ε_r = 39.2097; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
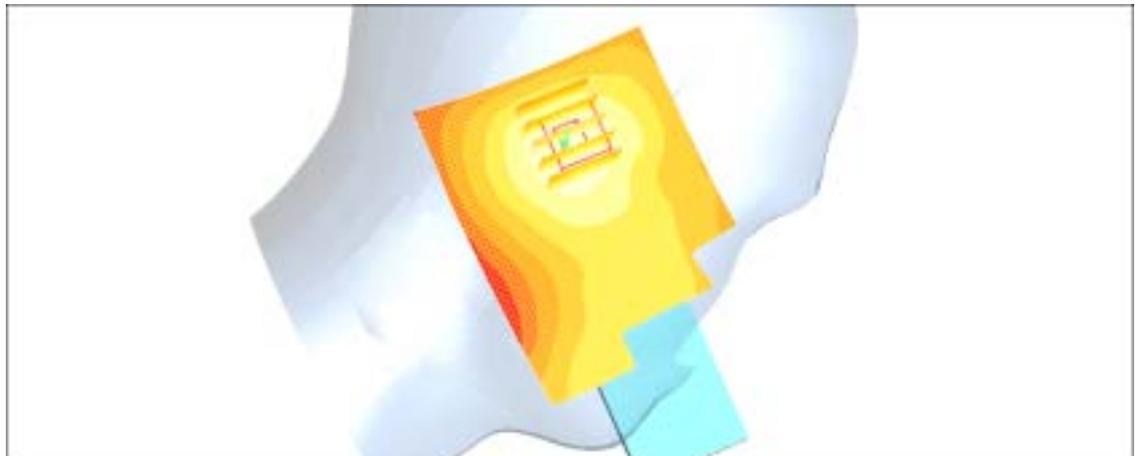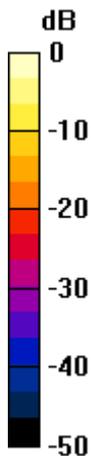
Reference Value = 11.1 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.241 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.296 mW/g

0 dB = 0.296mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GPRS850 Body SAR

DUT: SGH-P207 (Body); Serial: FC-016-C
Program Name: SGH-P207 GPRS850 Body (Job No. : FC-016)
Procedure Name: Body, Ch.128, Ant. Fixed, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: f = 824.2 MHz; σ = 0.98 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.128, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
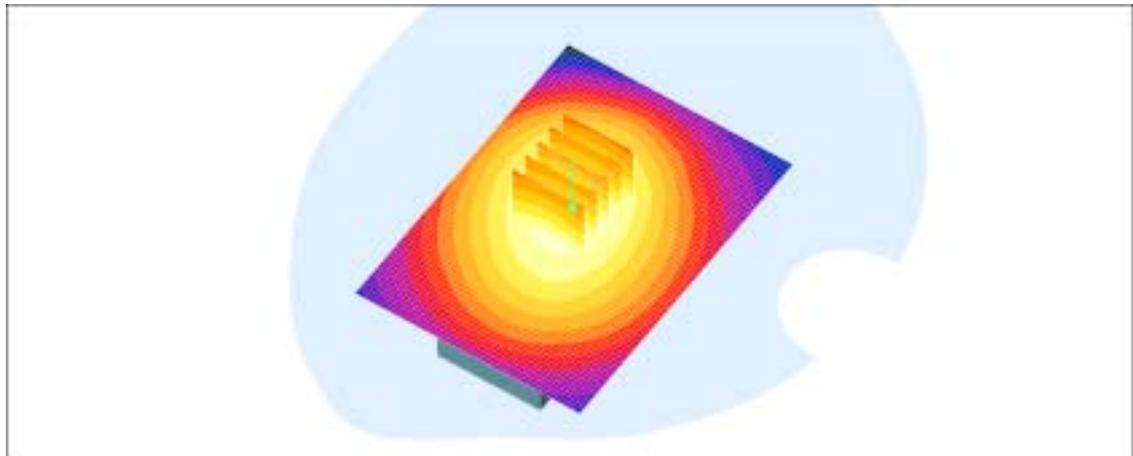
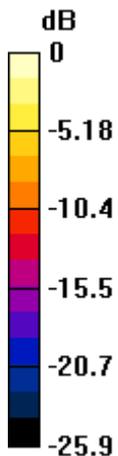Reference Value = 22.4 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.774 mW/g
Maximum value of SAR (measured) = 0.816 mW/g

Body, Ch.128, Ant. Fixed, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.841 mW/g

0 dB = 0.841mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GPRS1900 Body SAR

DUT: SGH-P207 (Body); Serial: FC-016-C
Program Name: SGH-P207 GPRS1900 Body (Job No. : FC-016)
Procedure Name: Body, Ch. 810, Ant. Fixed, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.0;Test Date-29/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: f = 1909.8 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch. 810, Ant. Fixed, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.698 mW/g

Body, Ch. 810, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.629 mW/g
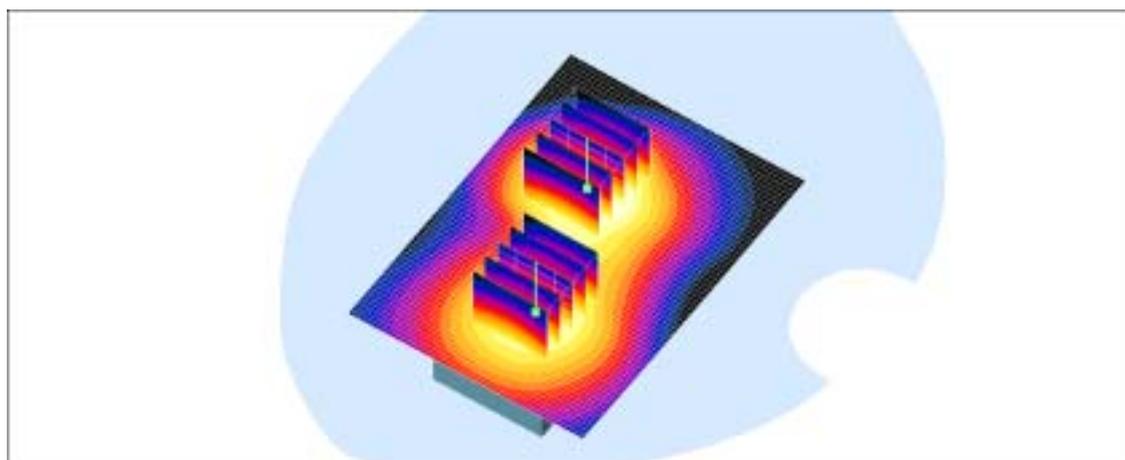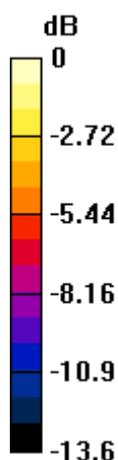Maximum value of SAR (measured) = 0.683 mW/g

Body, Ch. 810, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.446 mW/g
Maximum value of SAR (measured) = 0.479 mW/g

0 dB = 0.479mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GSM850 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM850 Right (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.8;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: f = 824.2 MHz; σ = 0.88 mho/m; ε_r = 40; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.33, 6.33, 6.33); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.77 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 1.02 W/kg
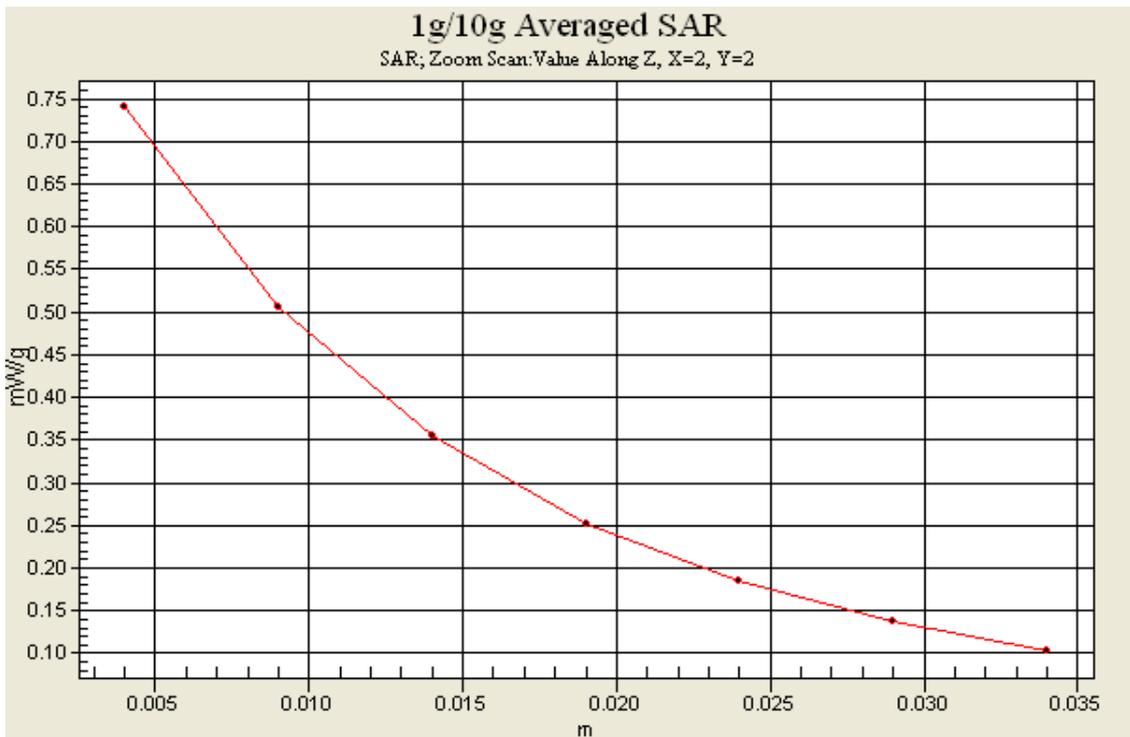**SAR(1 g) = 0.681 mW/g**
Maximum value of SAR (measured) = 0.740 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.706 mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GSM1900 Head SAR

DUT: SGH-P207; Serial: FC-016-C
Program Name: SGH-P207 GSM1900 Right (Job No. : FC-016)
Procedure Name: Cheek/Touch, Ch.661, Ant.Fixed, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-28/Jan/2005[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, $\varepsilon_r = 39.2097$; $\rho = 1000$ kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.0 dB
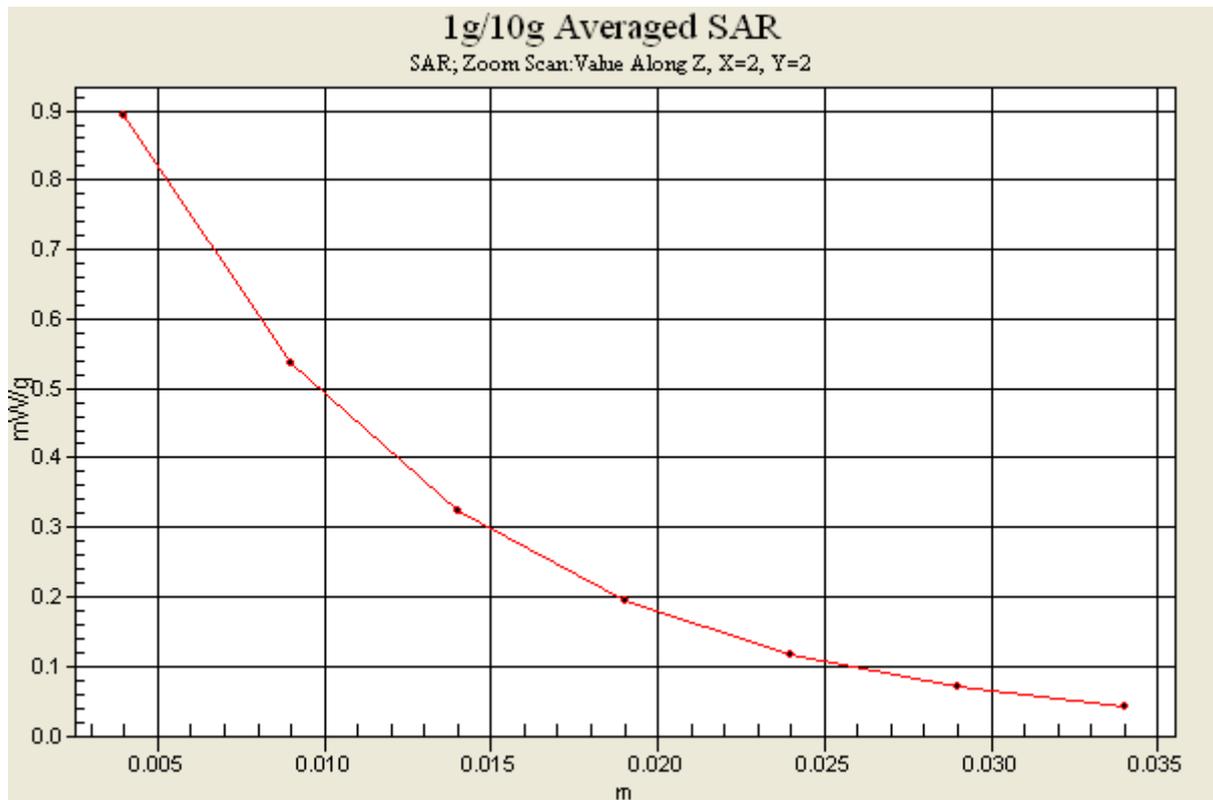Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.802 mW/g
Maximum value of SAR (measured) = 0.892 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm,
dy=20mm
Maximum value of SAR (interpolated) = 0.855 mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 835MHz GPRS850 Body SAR

DUT: SGH-P207 (Body); Serial: FC-016-C
Program Name: SGH-P207 GPRS850 Body (Job No. : FC-016)
Procedure Name: Body, Ch.128, Ant. Fixed, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-28/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 824.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: f = 824.2 MHz; σ = 0.98 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.28, 6.28, 6.28); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch.128, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
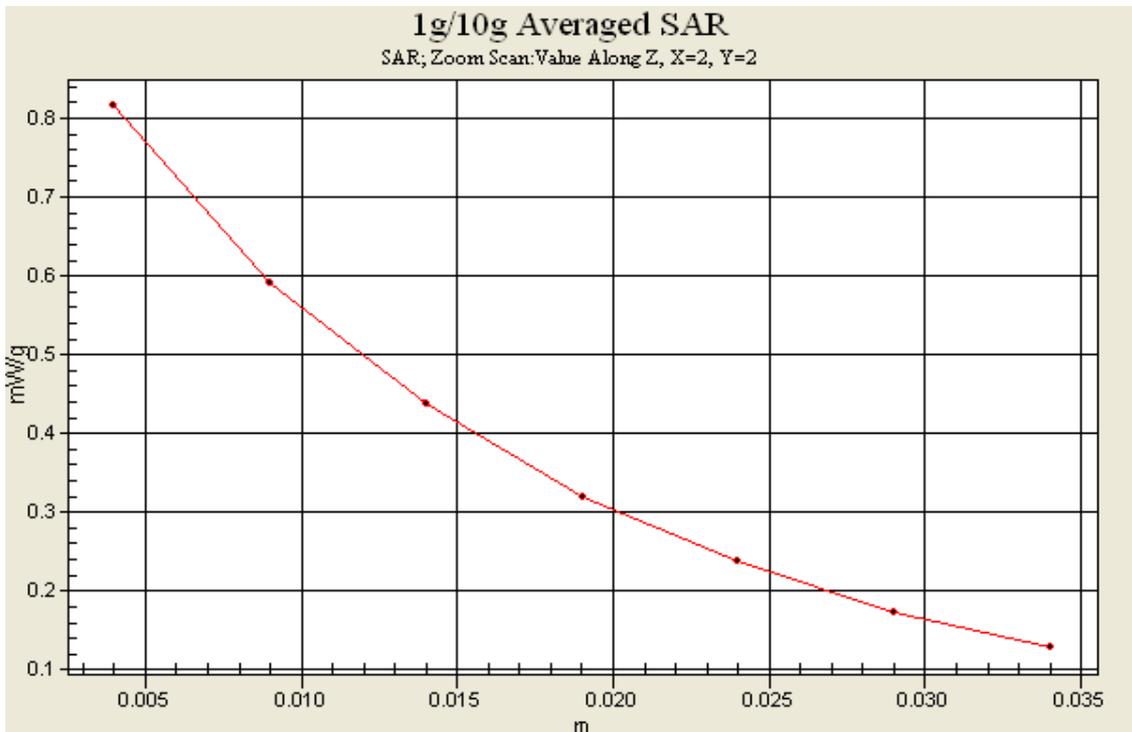
Reference Value = 22.4 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.774 mW/g
Maximum value of SAR (measured) = 0.816 mW/g

Body, Ch.128, Ant. Fixed, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.841 mW/g

SAMSUNG FCC ID : A3LSGHP207 -- 1900MHz GPRS1900 Body SAR

DUT: SGH-P207 (Body); Serial: FC-016-C
Program Name: SGH-P207 GPRS1900 Body (Job No. : FC-016)
Procedure Name: Body, Ch. 810, Ant. Fixed, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.0;Test Date-29/Jan/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: f = 1909.8 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.46, 4.46, 4.46); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2004-08-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Body, Ch. 810, Ant. Fixed, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.698 mW/g

Body, Ch. 810, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.629 mW/g
Maximum value of SAR (measured) = 0.683 mW/g

Body, Ch. 810, Ant. Fixed, Bat. Standard/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.446 mW/g
Maximum value of SAR (measured) = 0.479 mW/g