

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM850 Right (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-26/Mar/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; $\sigma = 0.88$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 1.10 mW/g

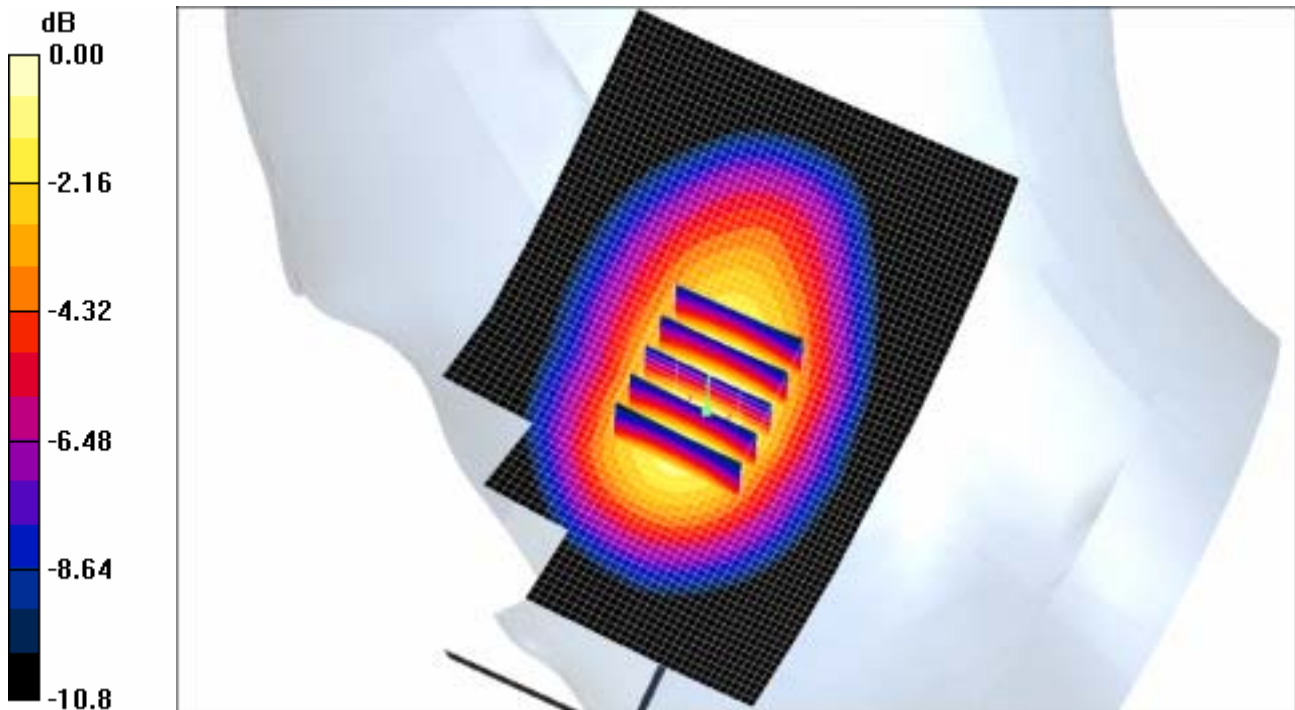
Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.01 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM850 Right (Job No. : FC-029)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-26/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.262 mW/g

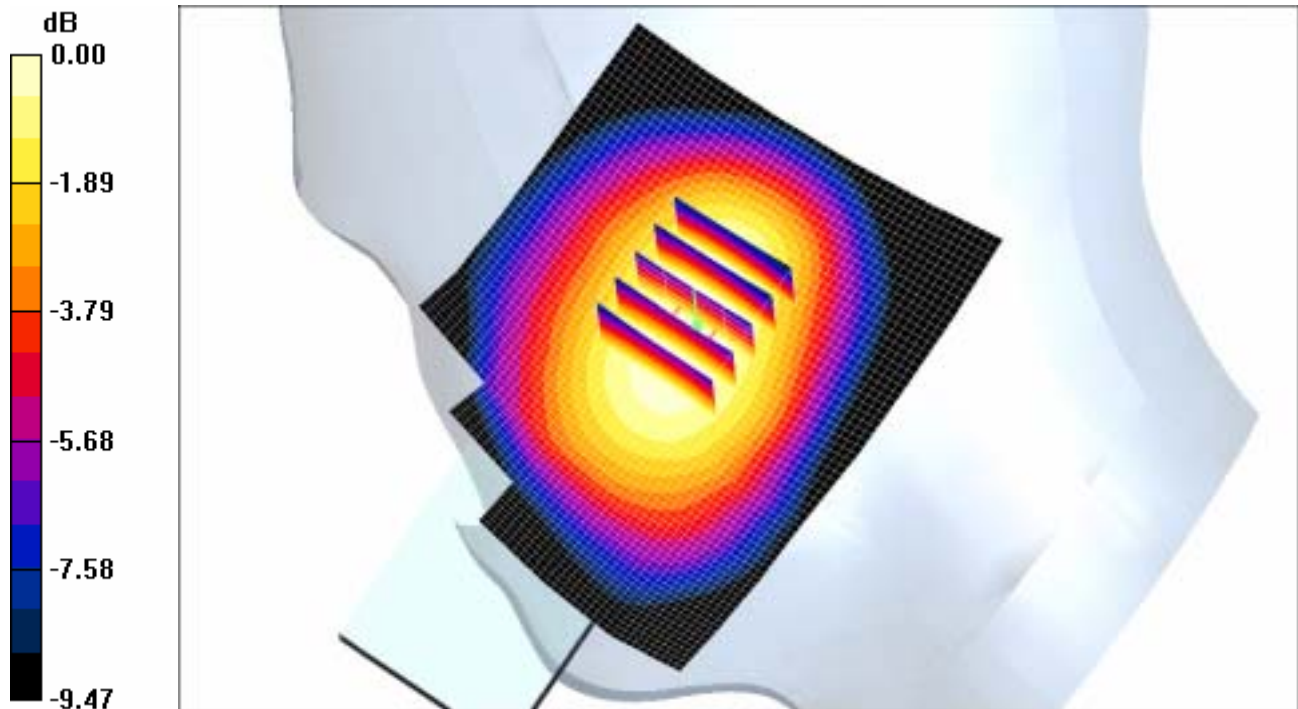
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264 mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM850 Left (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-26/Mar/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; $\sigma = 0.88$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 1.12 mW/g

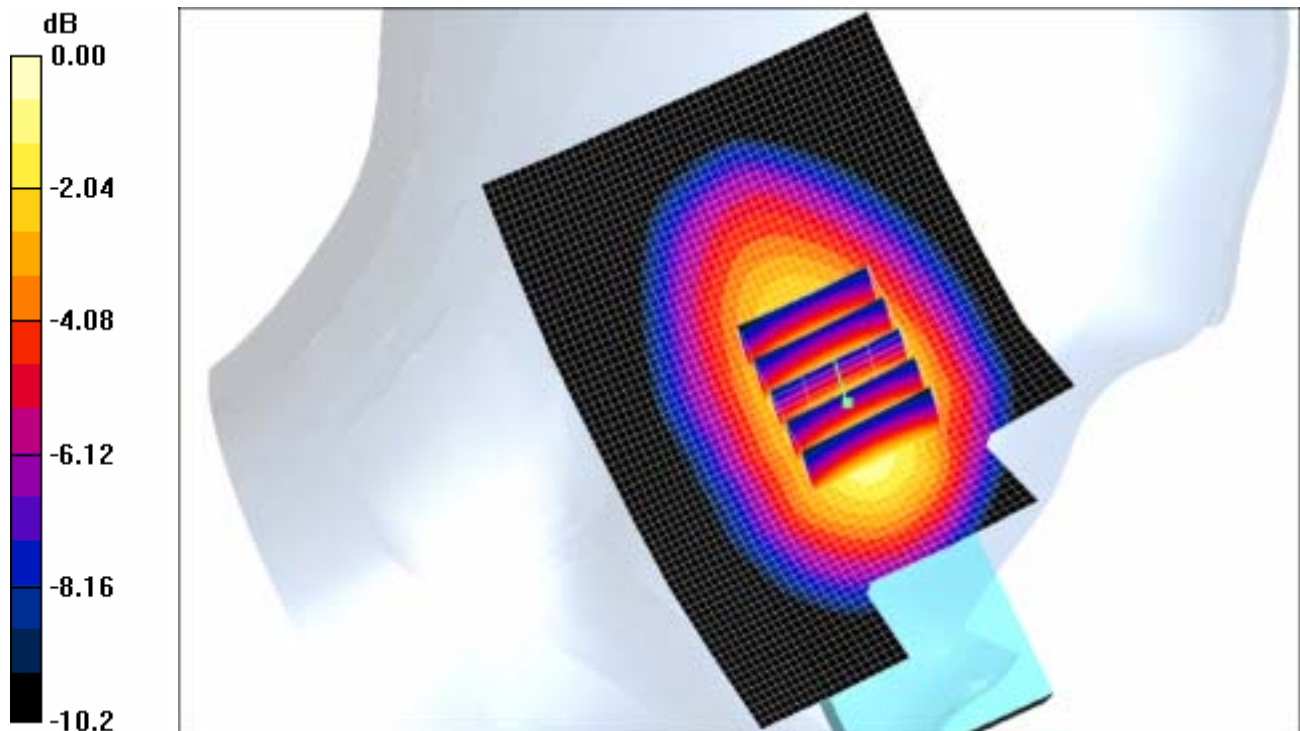
Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.983 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM850 Left (Job No. : FC-029)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6; Test Date-26/Mar/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; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.283 mW/g

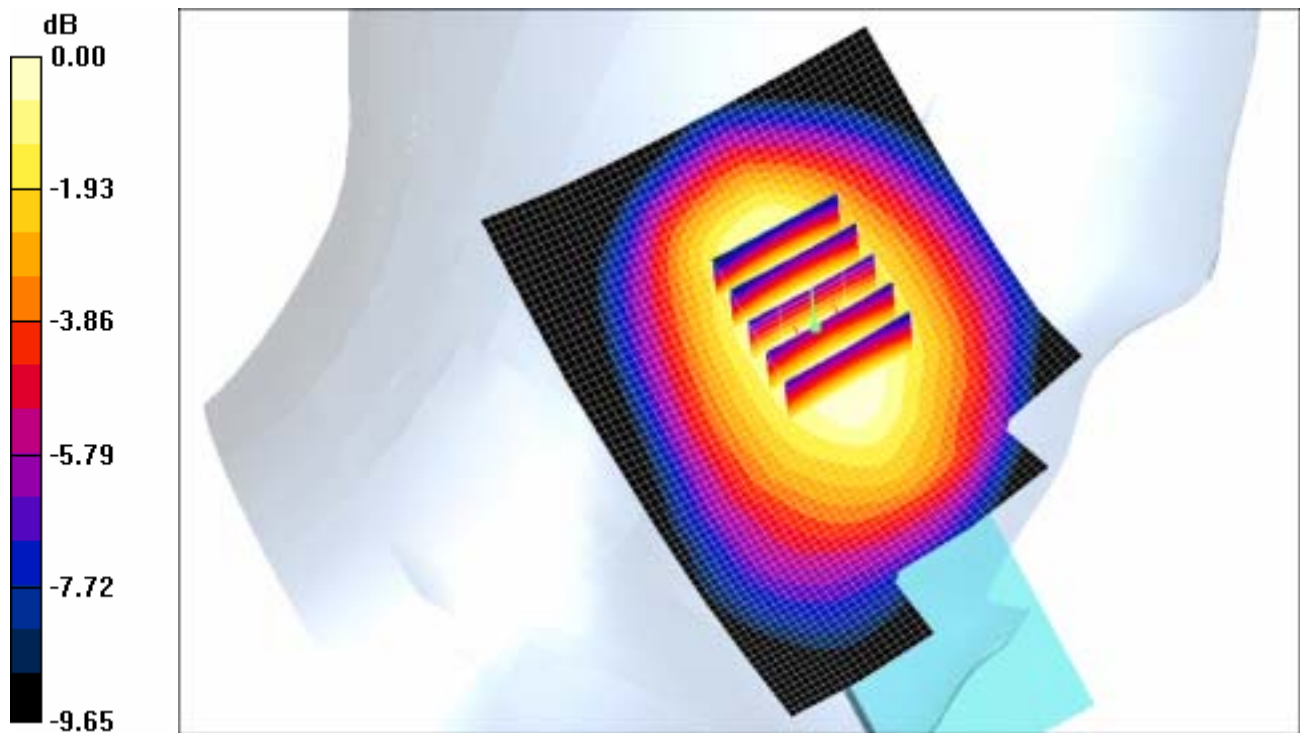
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.271mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM1900 Right (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-25/Mar/2005[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: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.933 mW/g

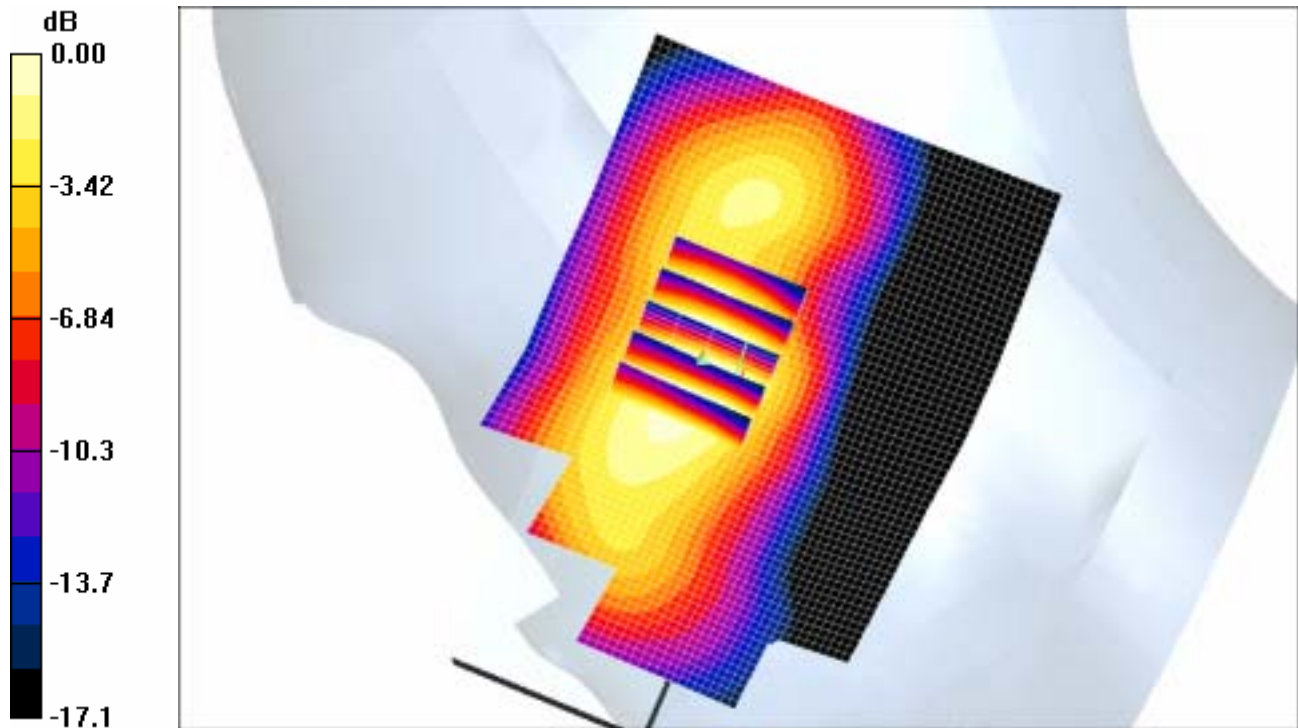
Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.840 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



0 dB = 0.886mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM1900 Right (Job No. : FC-029)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-25/Mar/2005[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: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.525 mW/g

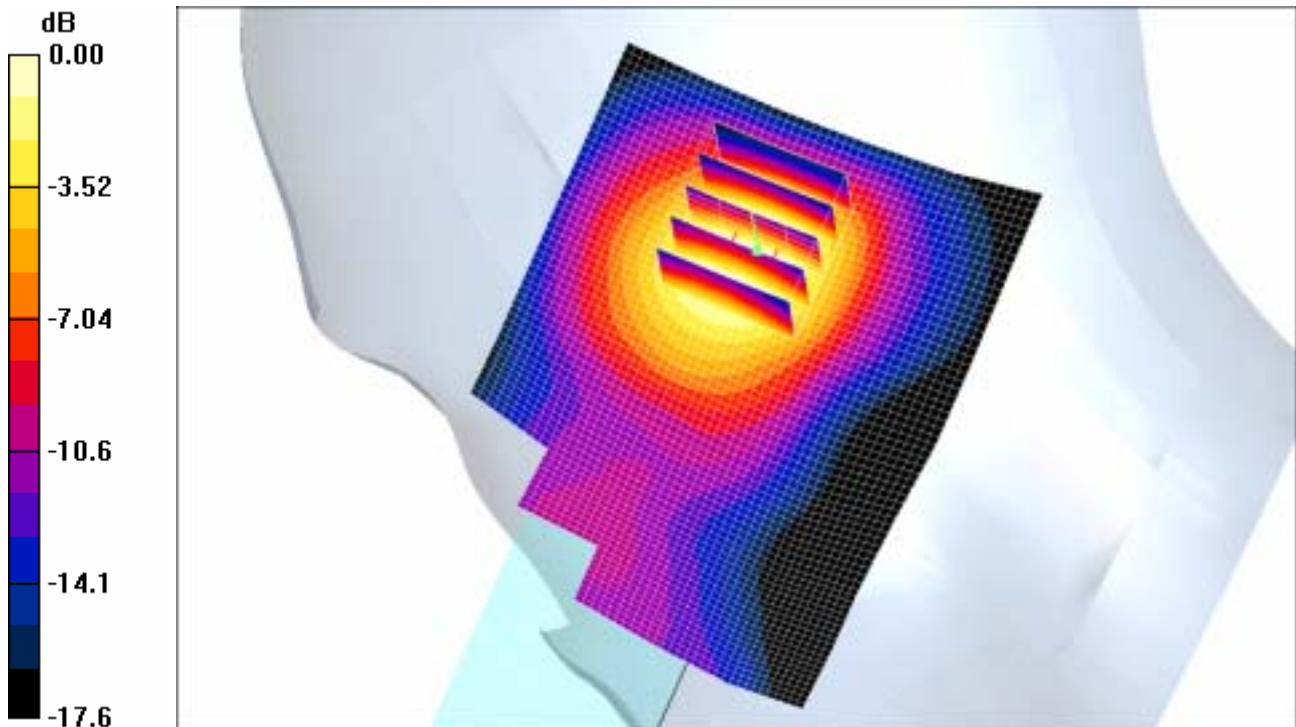
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.507 mW/g



0 dB = 0.507mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM1900 Left (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-25/Mar/2005[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: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.864 mW/g

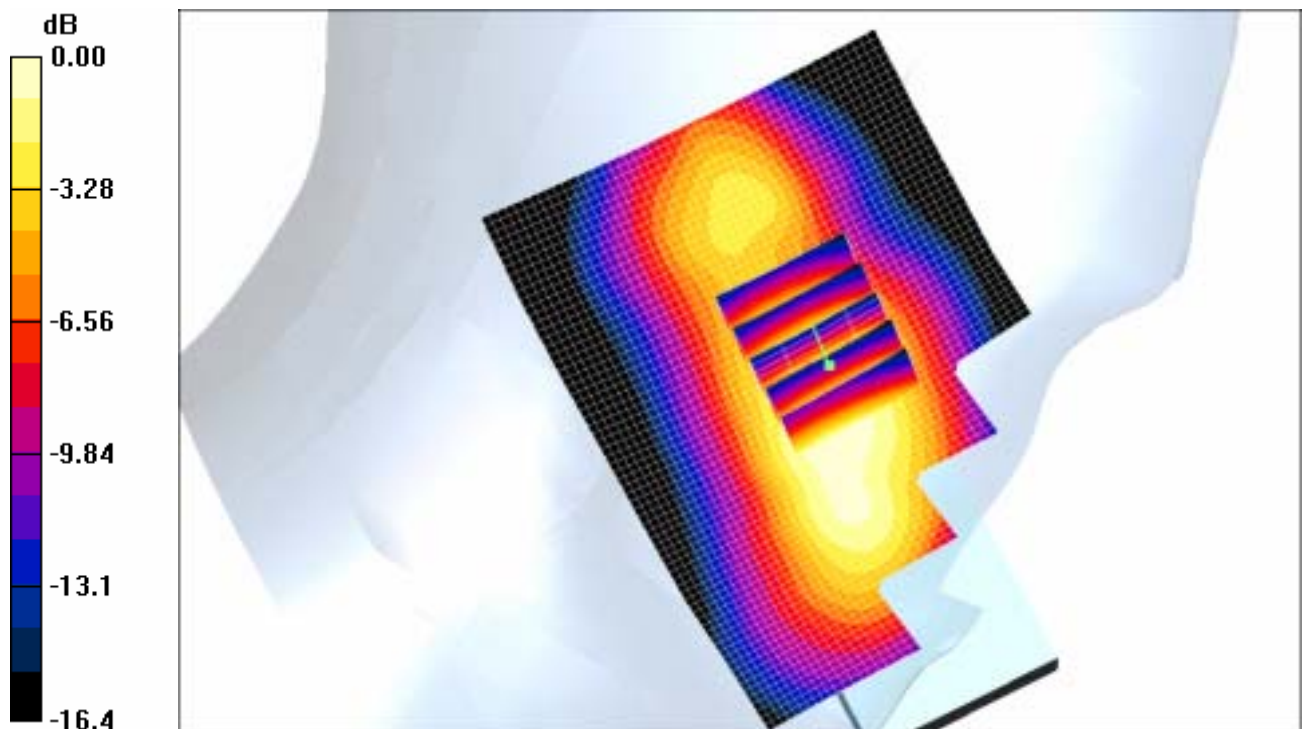
Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.796 mW/g

Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.857mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM1900 Left (Job No. : FC-029)

Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-25/Mar/2005[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: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.528 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



0 dB = 0.560mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Body SAR

DUT: SGH-X486(Body); Serial: FC-029-H

Program Name: SGH-X486 GPRS850 Body (Job No. : FC-029)

Procedure Name: Body, Ch.190, Ant.Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-26/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.581 mW/g

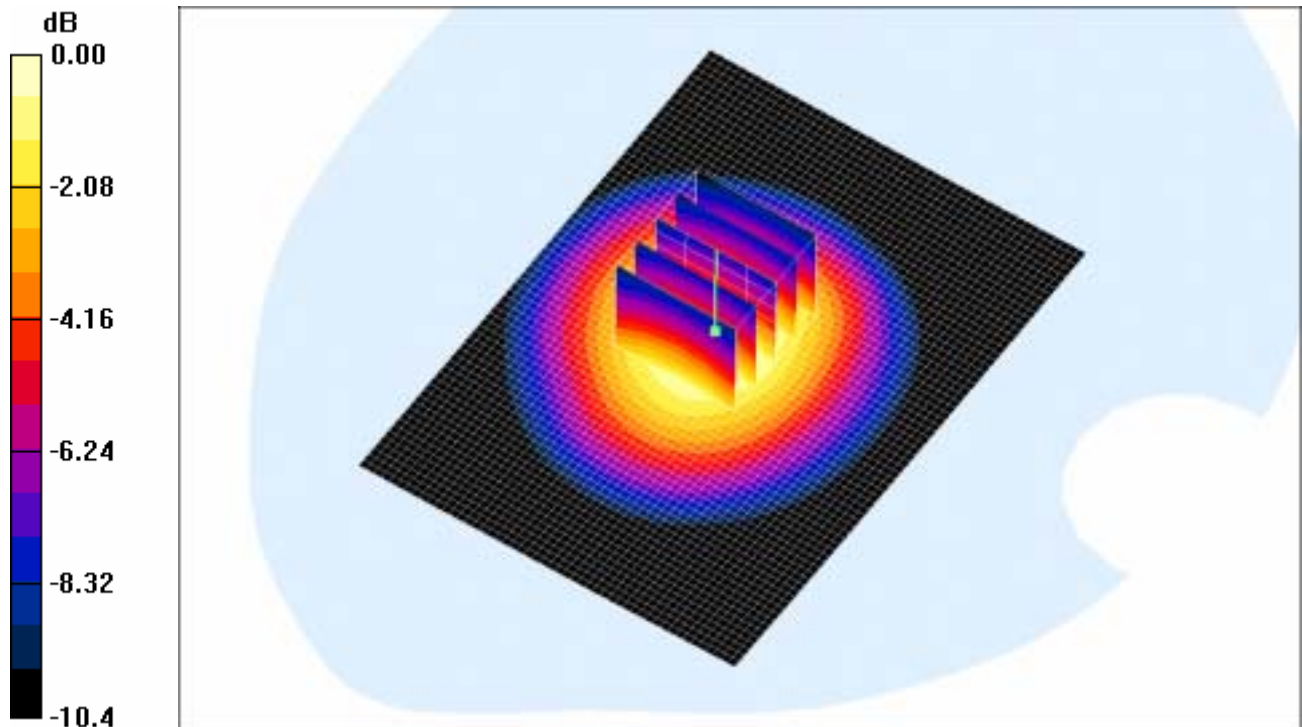
Body, Ch.190, Ant.Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.547mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Body SAR

DUT: SGH-X486(Body); Serial: FC-029-H

Program Name: SGH-X486 GPRS1900 Body (Job No. : FC-029)

Procedure Name: Body, Ch. 661, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-25/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.400 mW/g

Body, Ch. 661, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.346 mW/g

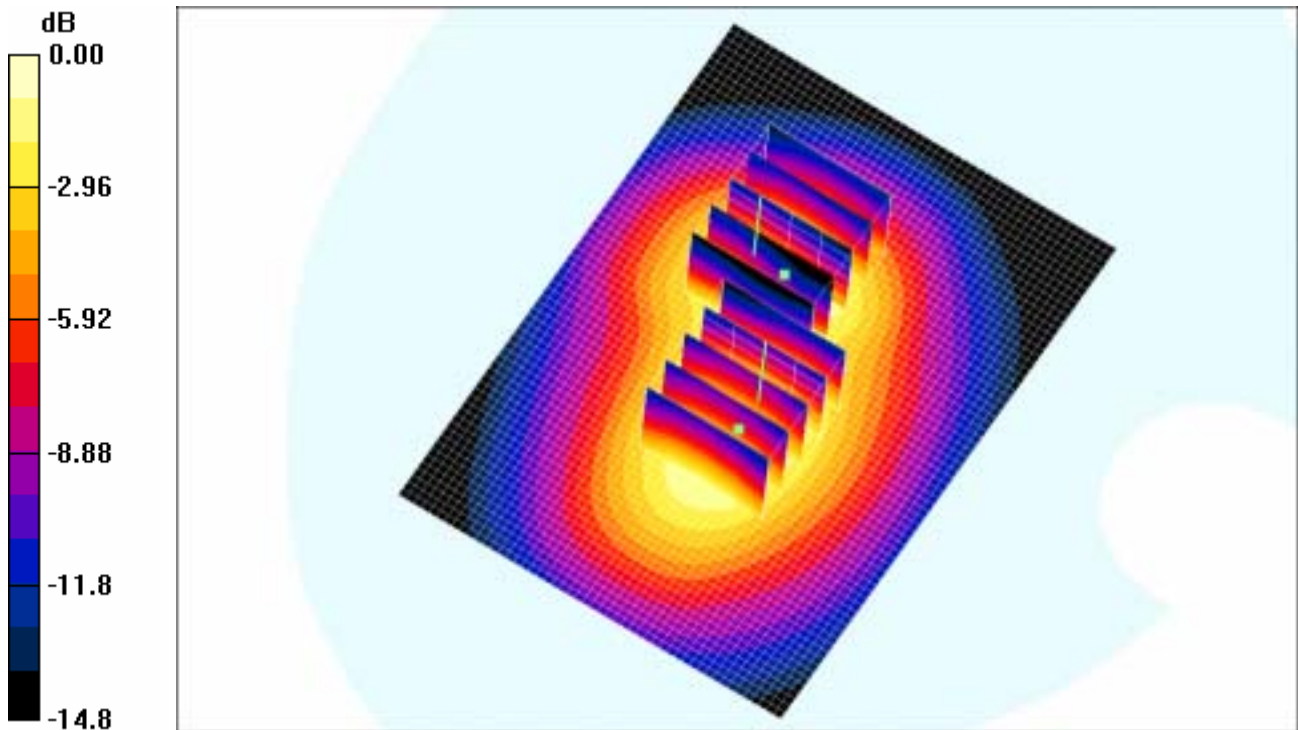
Body, Ch. 661, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.389mW/g

SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM850 Right (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-26/Mar/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; $\sigma = 0.88$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 1.10 mW/g

Cheek/Touch, Ch.128, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.01 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



SAMSUNG FCC ID : A3LSGHX486 -- 835MHz GSM850 Body SAR

DUT: SGH-X486(Body); Serial: FC-029-H

Program Name: SGH-X486 GPRS850 Body (Job No. : FC-029)

Procedure Name: Body, Ch.190, Ant.Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.3;Test Date-26/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 850 (GPRS); Frequency: 836.6 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.581 mW/g

Body, Ch.190, Ant.Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Head SAR

DUT: SGH-X486; Serial: FC-029-H

Program Name: SGH-X486 GSM1900 Right (Job No. : FC-029)

Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7;Test Date-25/Mar/2005[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: ES3DV2 - SN3017; ConvF(5.11, 5.11, 5.11); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.933 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.840 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



SAMSUNG FCC ID : A3LSGHX486 -- 1900MHz GSM1900 Body SAR

DUT: SGH-X486(Body); Serial: FC-029-H

Program Name: SGH-X486 GPRS1900 Body (Job No. : FC-029)

Procedure Name: Body, Ch. 661, Ant. Intenna, Bat. Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9;Test Date-25/Mar/2005[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1880 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

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 Sn533; Calibrated: 2004-12-03
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (interpolated) = 0.400 mW/g

Body, Ch. 661, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.346 mW/g

Body, Ch. 661, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.389 mW/g

