

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Right(Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.265 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.8 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.266mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Right(Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.175 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.166mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Right(Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.172 mW/g

Cheek/Touch, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 3.65 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.169mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Right(Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.054 mW/g

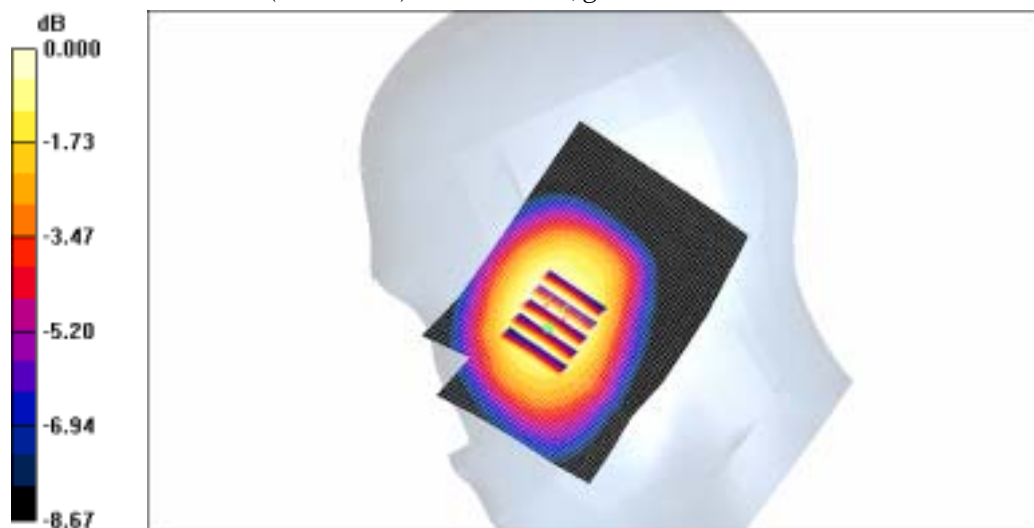
Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.86 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



0 dB = 0.052mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Left(Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.408 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3/Zoom Scan (5x5x7)/Cube 0:

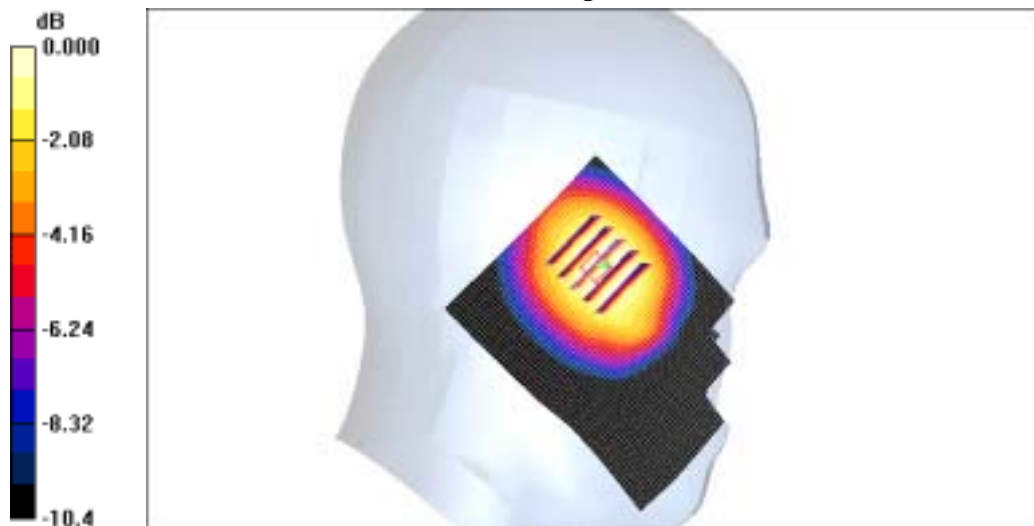
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.401 mW/g



0 dB = 0.401mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Left(Job No. : FD-159)

Procedure Name: Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard 2

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard 2/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.178 mW/g

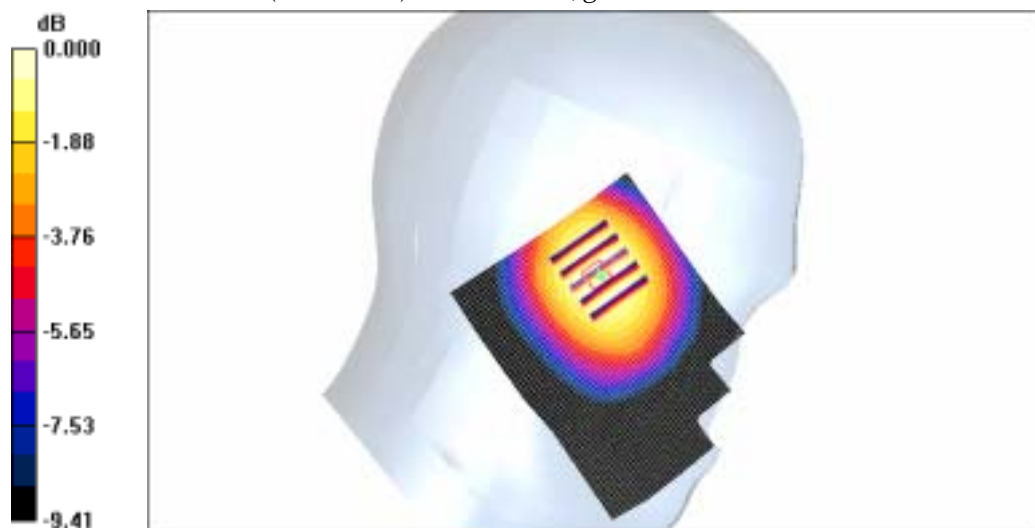
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.175mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Left(Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.266 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

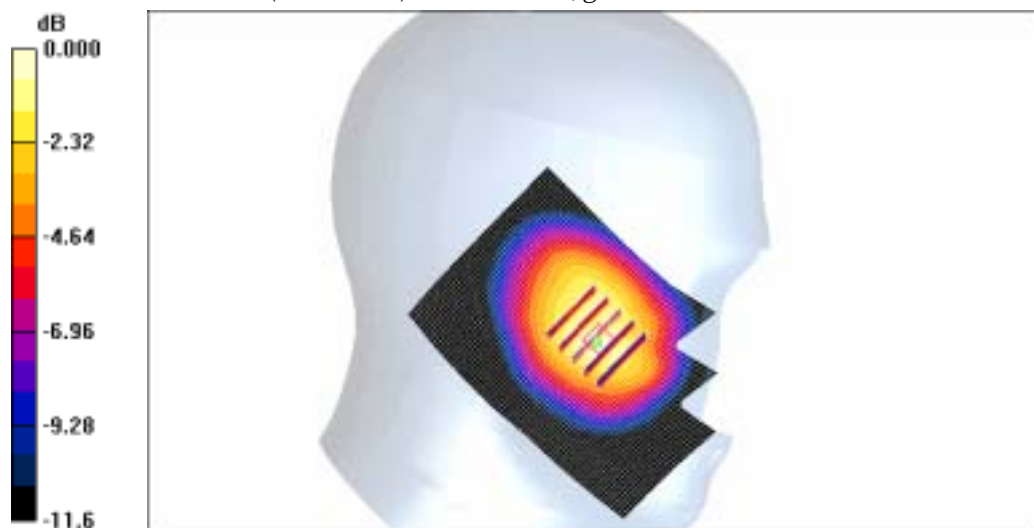
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.253mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Left(Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.067 mW/g

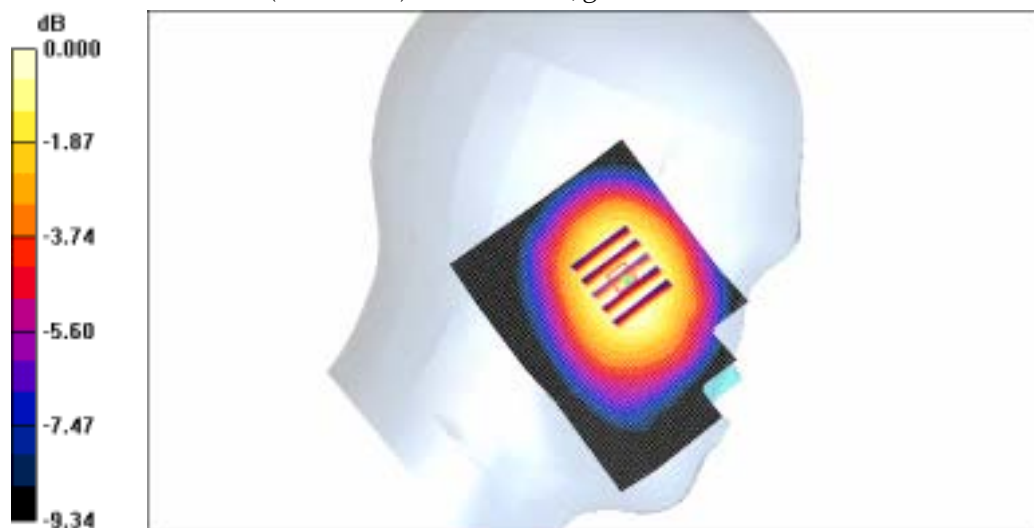
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



0 dB = 0.066mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Right (Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9, Ambient Temp-22.3;Test Date-31/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.671 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

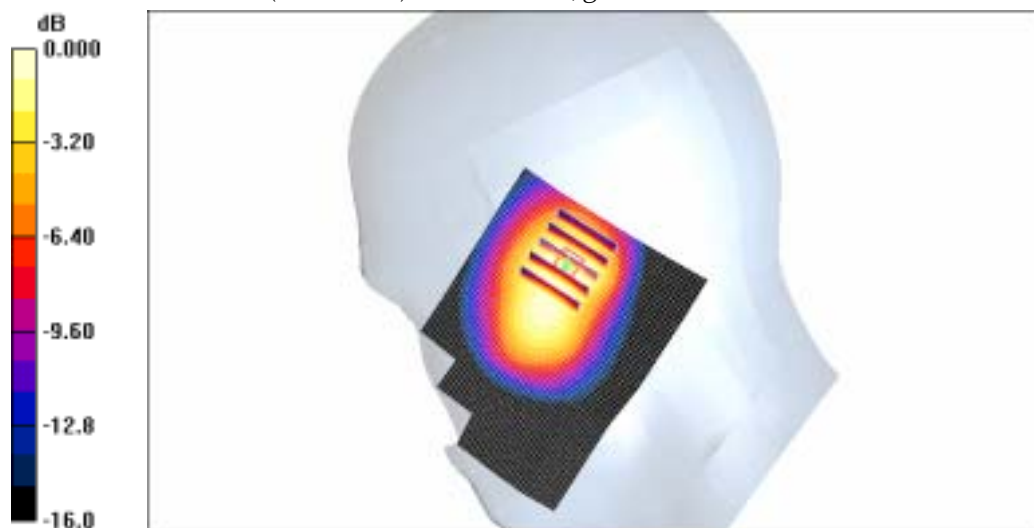
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.590 mW/g

Maximum value of SAR (measured) = 0.645 mW/g



0 dB = 0.645mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Right (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.9, Ambient Temp-22.3;Test Date-31/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.527 mW/g

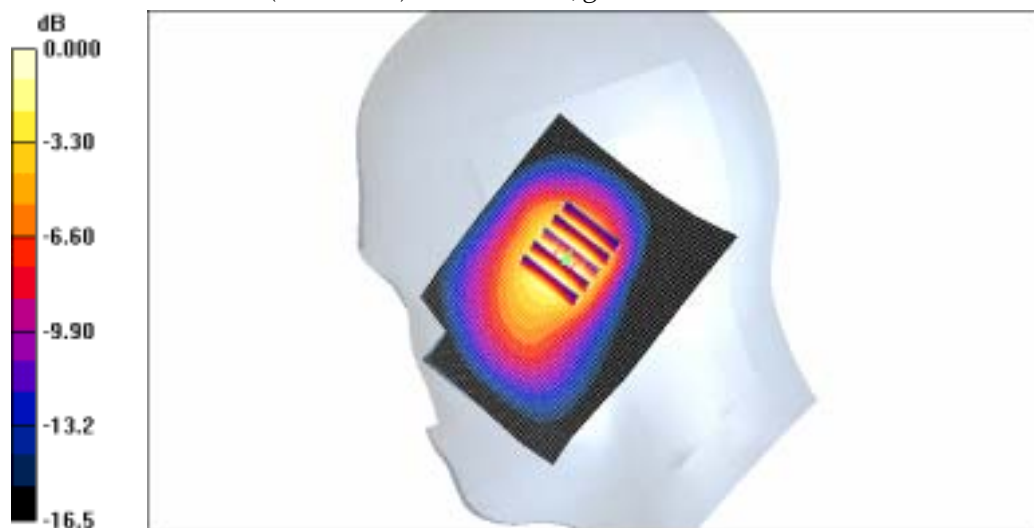
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.455 mW/g

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



0 dB = 0.507mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Right (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.284 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

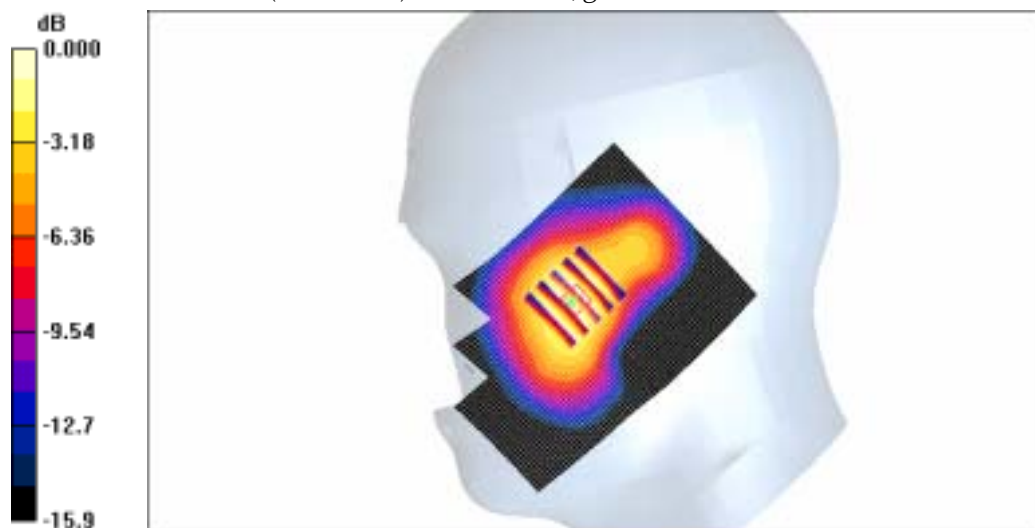
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.307mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Right (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.159 mW/g

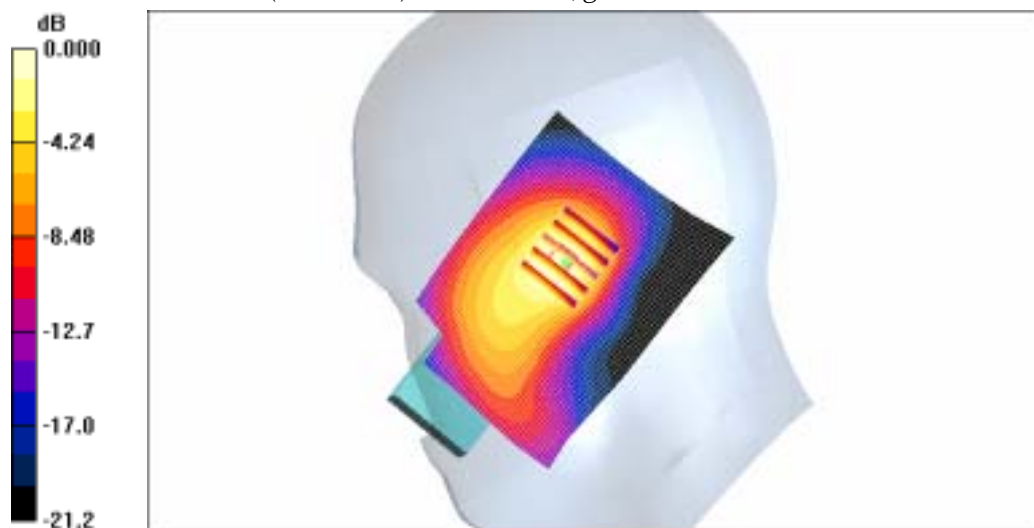
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.144 mW/g

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



0 dB = 0.157mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Left (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.569 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

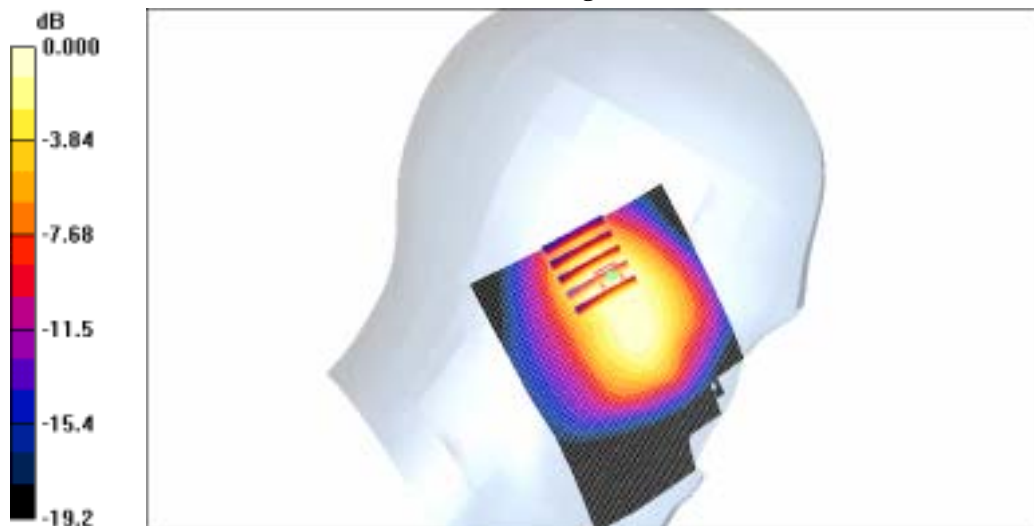
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Left (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (interpolated) = 0.466 mW/g

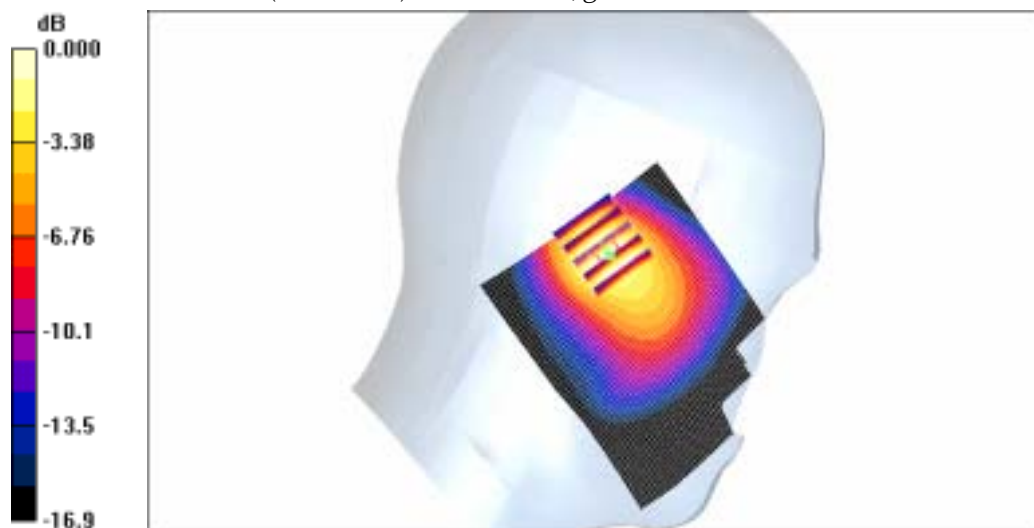
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.445mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Left (Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.379 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

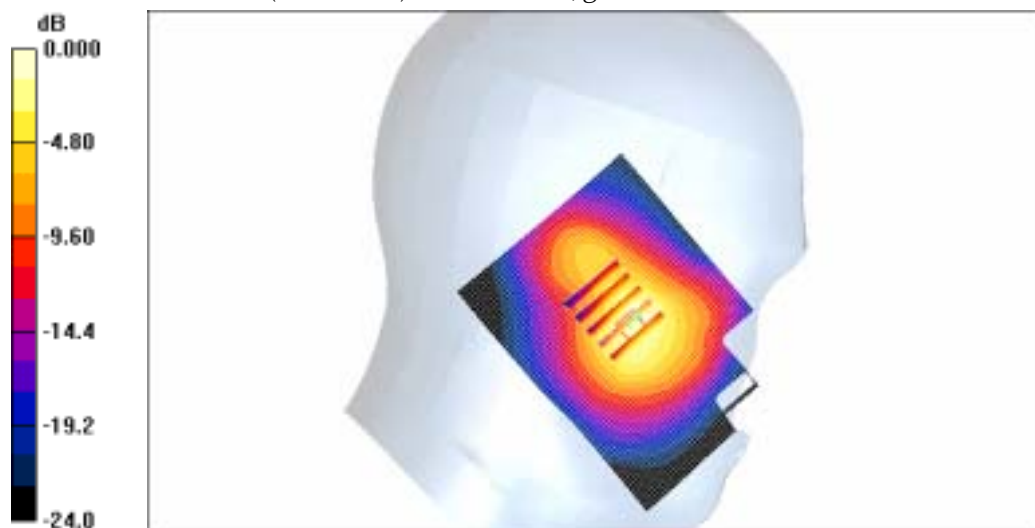
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.451mW/g

SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Up); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Left (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.6;Test Date-23/Aug/2006[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; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

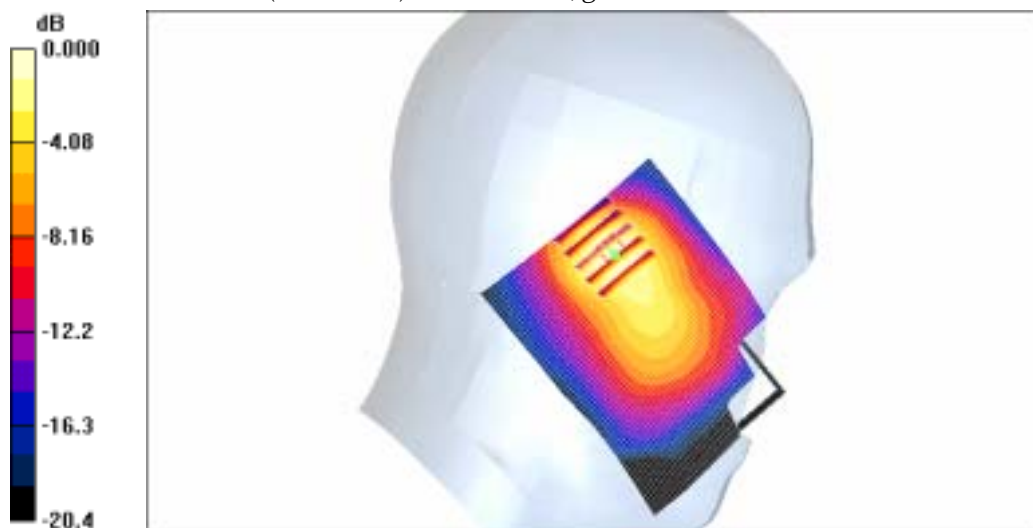
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.80 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

SAMSUNG FCC ID : A3LSGHE906 835MHz GSM850 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Left(Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3

Procedure Notes: Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.3 Test Date-30/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.69, 5.69, 5.69); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.408 mW/g

Cheek/Touch, Ch.251, Ant.Intenna, Bat.Standard 3/Zoom Scan (5x5x7)/Cube 0:

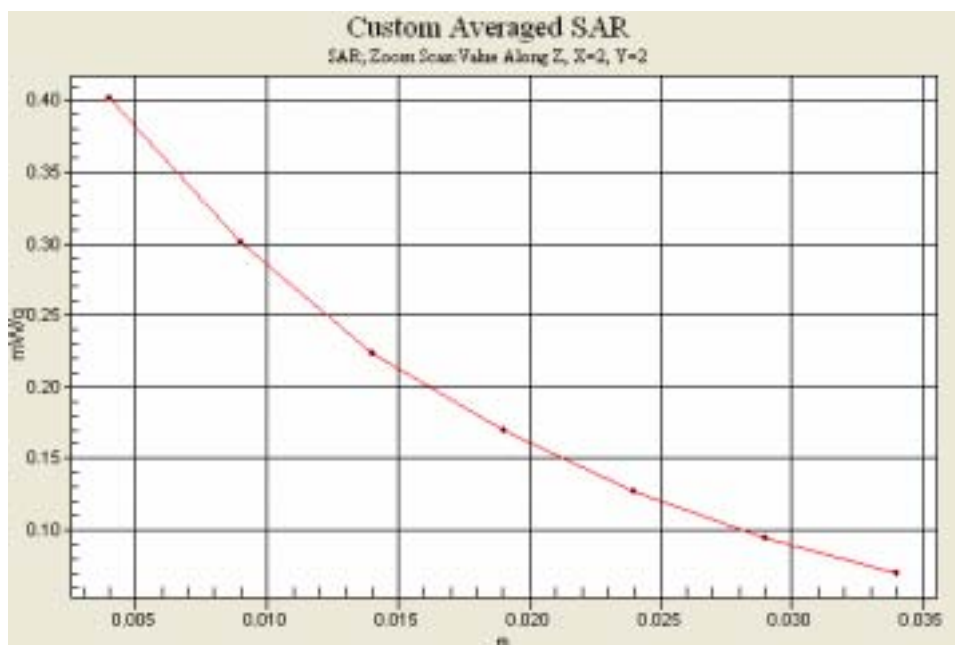
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.401 mW/g



SAMSUNG FCC ID : A3LSGHE906 835MHz GPRS850 Body SAR

DUT: SGH-E906(Body); Serial: FD-159-A

Program Name: SGH-E906 GSM850 Body (Job No. : FD-159)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.1 Test Date-30/Aug/2006 [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; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5.75, 5.75, 5.75); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

Body, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan 2 (5x5x7)/Cube 0: Measurement

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

Reference Value = 11.9 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 1.01 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



SAMSUNG FCC ID : A3LSGHE906 1900MHz GSM1900 Head SAR

DUT: SGH-E906(Down); Serial: FD-159-A

Program Name: SGH-E906 GSM1900 Right (Job No. : FD-159)

Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.9, Ambient Temp-22.3;Test Date-31/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(5, 5, 5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.671 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.5 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.590 mW/g

Maximum value of SAR (measured) = 0.645 mW/g



SAMSUNG FCC ID : A3LSGHE906 1900MHz GPRS1900 Body SAR

DUT: SGH-E906(Body); Serial: FD-159-A

Program Name: SGH-E906 GPRS1900 Body (Job No. : FD-159)

Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.5, Ambient Temp-22.3;Test Date-31/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM1900 GPRS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3080; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-05-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-05-05
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.663 mW/g

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

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

Reference Value = 11.5 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.517 mW/g

Maximum value of SAR (measured) = 0.550 mW/g

