

SAMSUNG FCC ID : A3LSGHX526 835MHz GSM850 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM850 Right(Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 21.9 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.31 W/kg

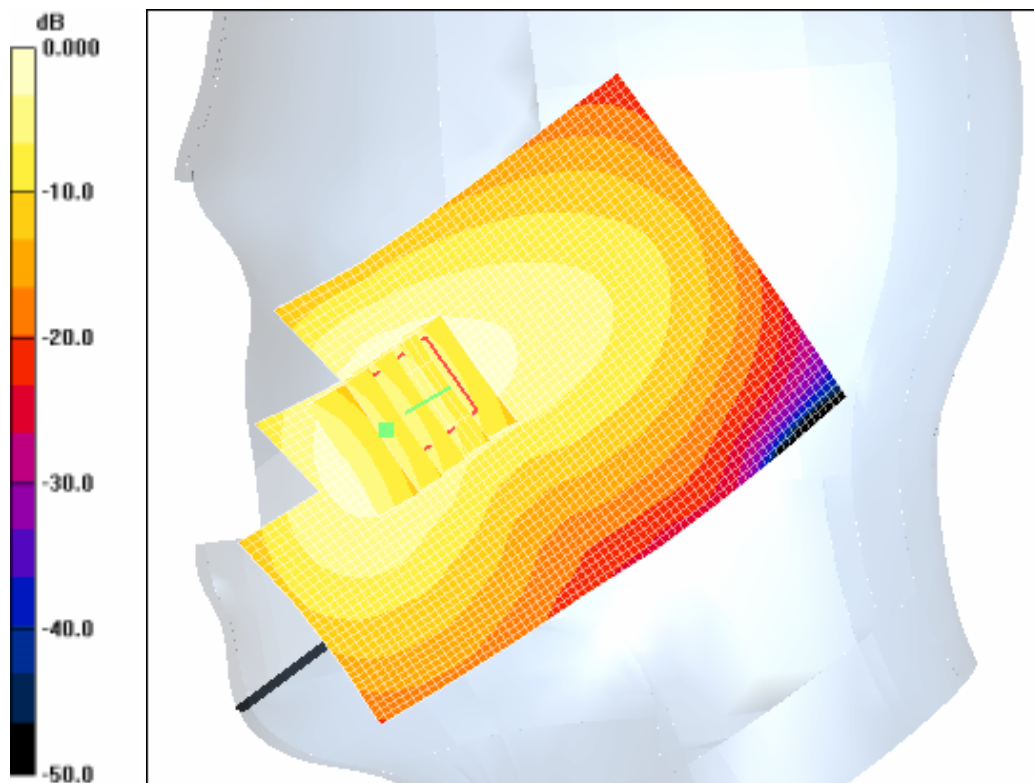
SAR(1 g) = 0.798 mW/g

Maximum value of SAR (measured) = 0.848 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.751 mW/g



0 dB = 0.751mW/g

SAMSUNG FCC ID : A3LSGHX526 835MHz GSM850 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM850 Right(Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.190, 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 = 0.027 dB

Peak SAR (extrapolated) = 0.202 W/kg

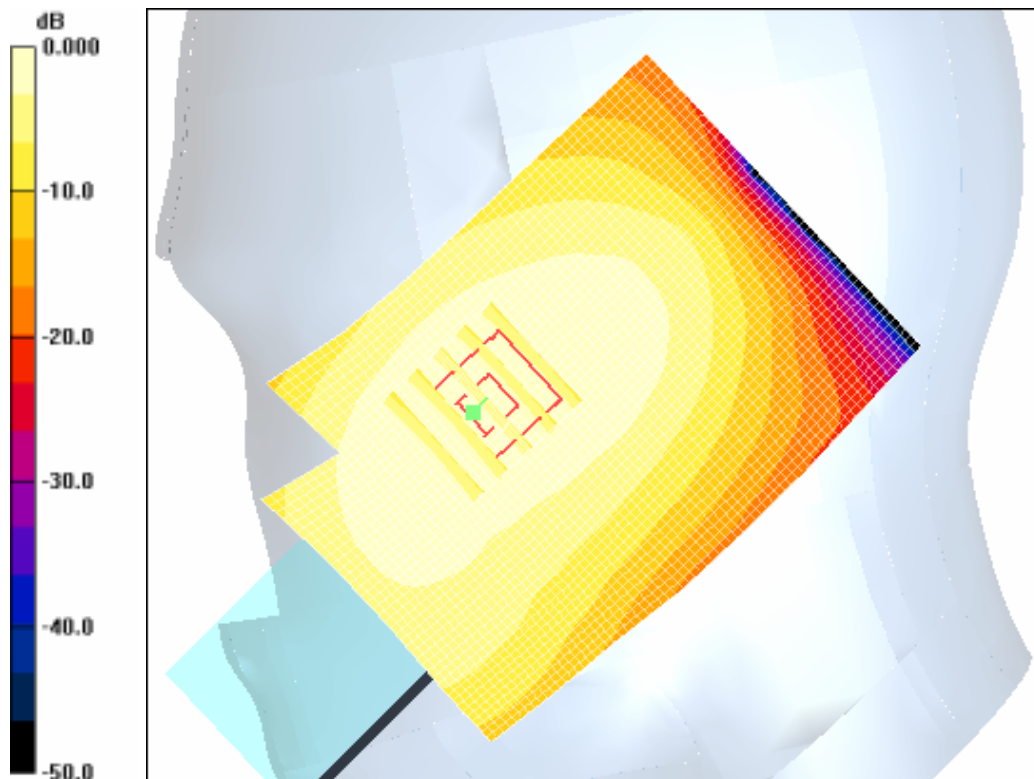
SAR(1 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.161 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.161 mW/g



0 dB = 0.161mW/g

SAMSUNG FCC ID : A3LSGHX526 835MHz GSM850 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM850 Left(Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

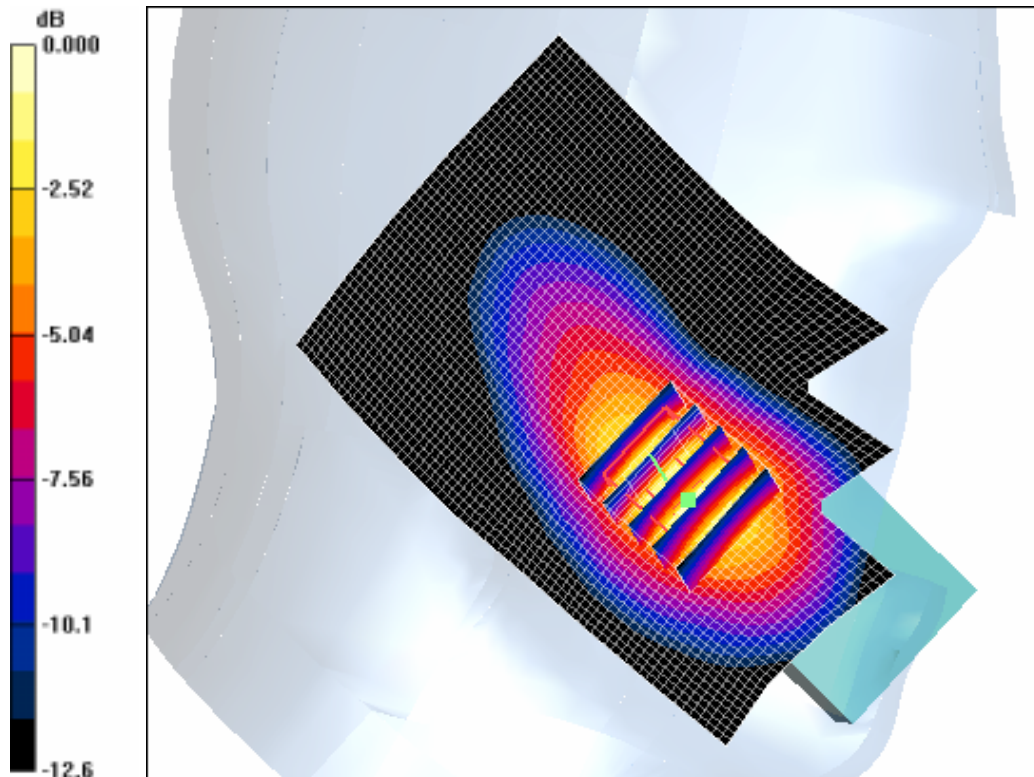
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.13 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

SAMSUNG FCC ID : A3LSGHX526 835MHz GSM850 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM850 Left(Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.190, 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 = -0.014 dB

Peak SAR (extrapolated) = 0.208 W/kg

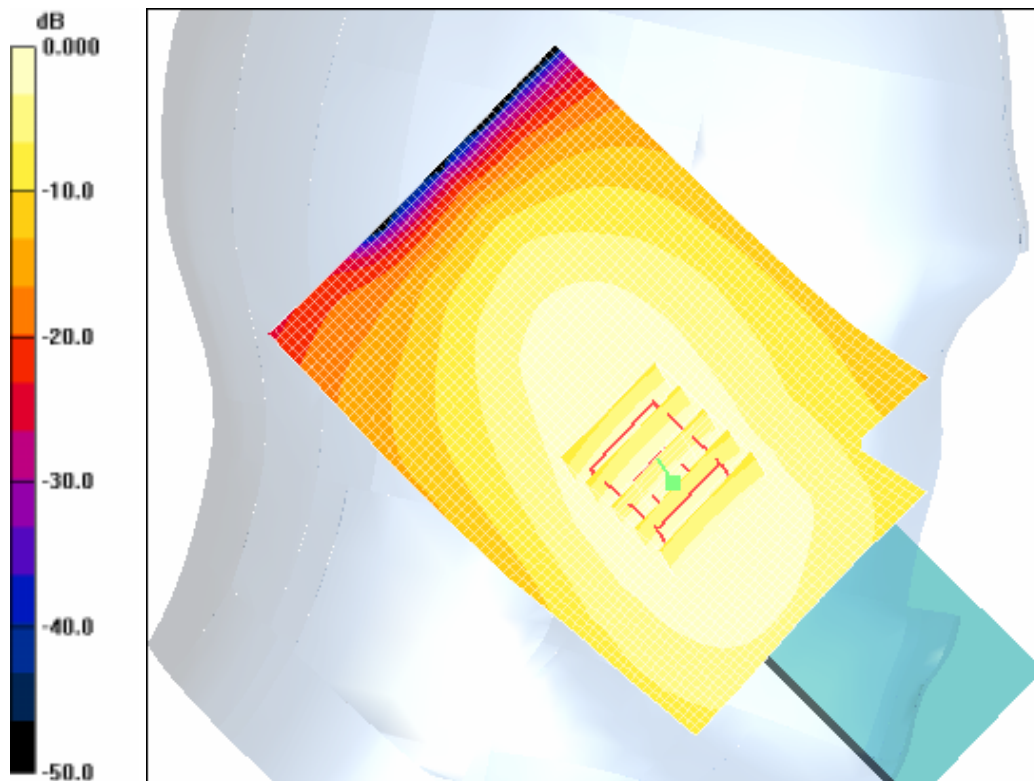
SAR(1 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.171 mW/g



0 dB = 0.171mW/g

SAMSUNG FCC ID : A3LSGHX526 835MHz GSM850 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM850 Left(Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-13/Dec/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.190, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

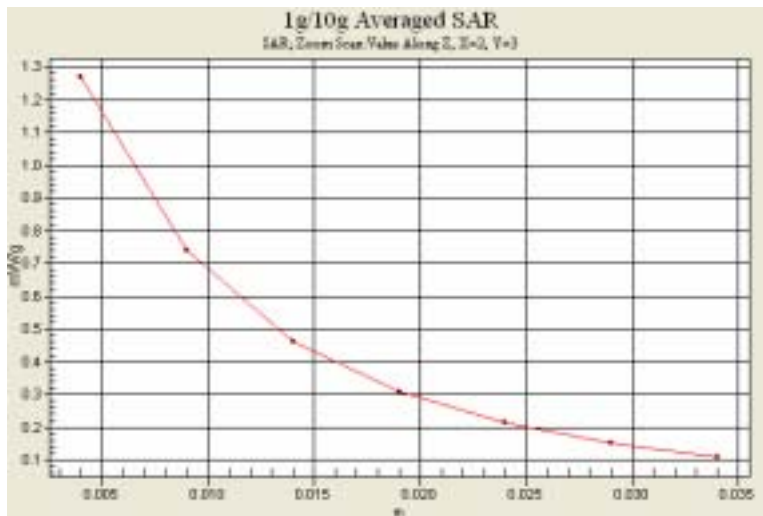
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.13 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



SAMSUNG FCC ID : A3LSGHX526 835MHz GPRS850 Body SAR

DUT: SGH-X526(Body); Serial: FD-242-B

Program Name: SGH-X526 GSM850 Body (Job No. : FD-242)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.1;Test Date-13/Dec/2006

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.289 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

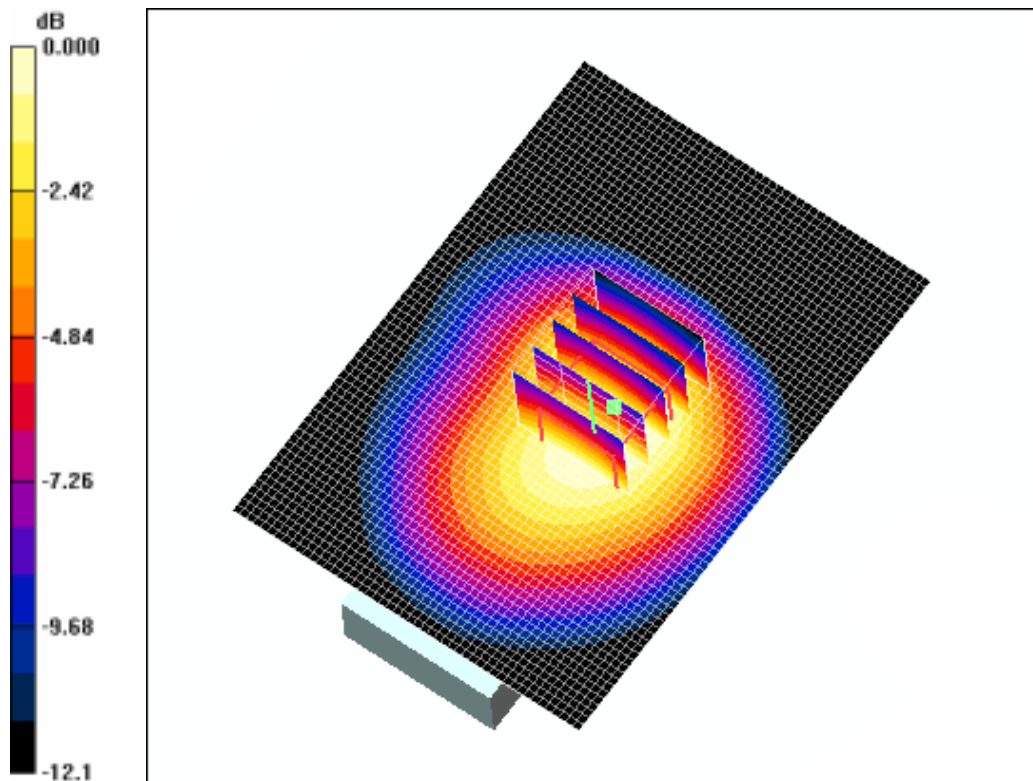
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.4 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

SAMSUNG FCC ID : A3LSGHX526 835MHz GPRS850 Body SAR

DUT: SGH-X526(Body); Serial: FD-242-B

Program Name: SGH-X526 GSM850 Body (Job No. : FD-242)

Procedure Name: Body, Ch.251, Ant.Intenna, Bat.Standard

Meas.Tissue Temp(celsius)-21.7, Ambient Temp-22.1;Test Date-13/Dec/2006

Communication System: GSM 850 (GPRS); Frequency: 848.8 MHz;Duty Cycle: 1:4.15

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.251, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.289 mW/g

Body, Ch.251, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

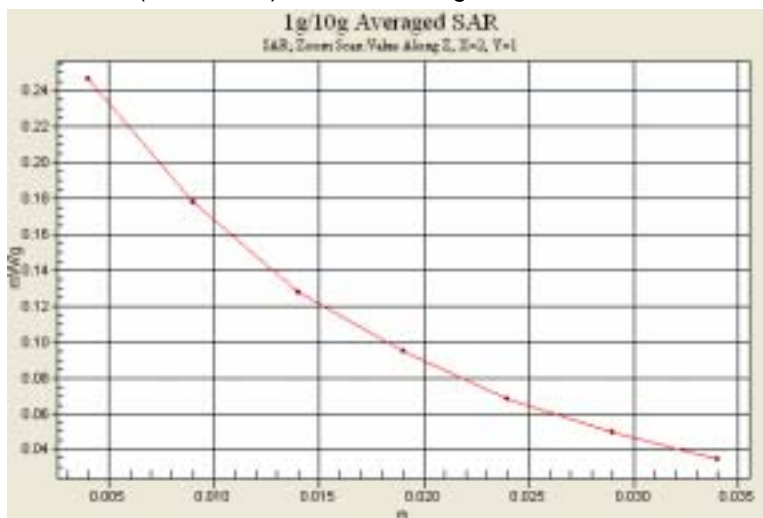
dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM1900 Right (Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-14/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 14.6 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.15 W/kg

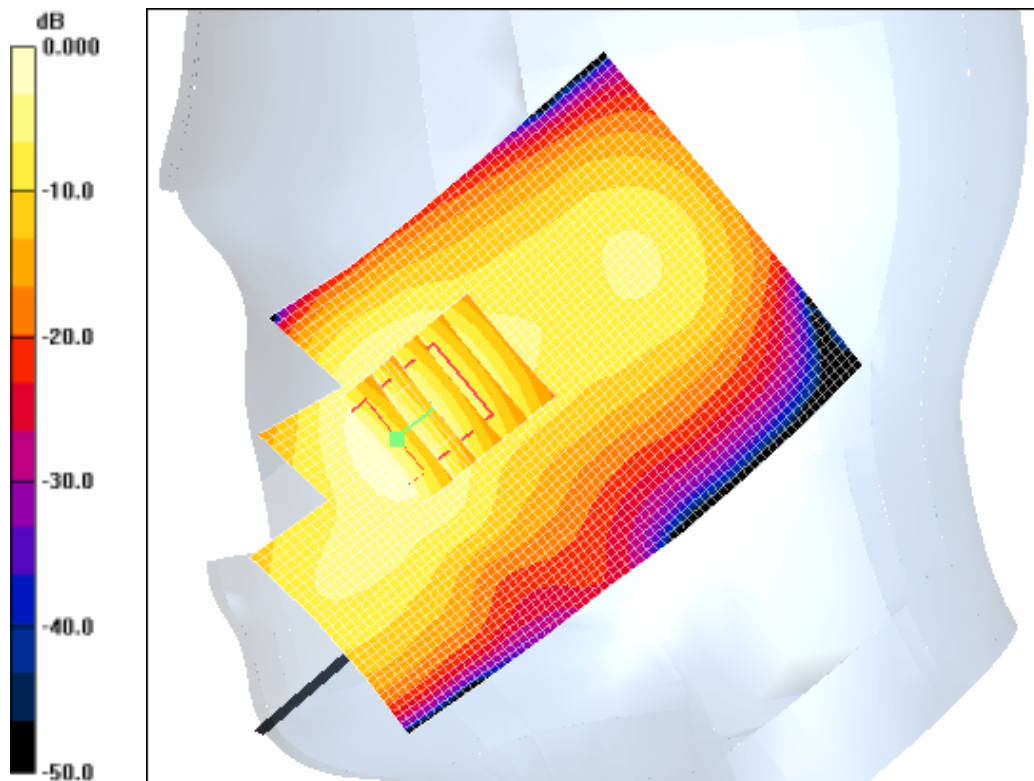
SAR(1 g) = 0.652 mW/g

Maximum value of SAR (measured) = 0.691 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.656 mW/g



0 dB = 0.656mW/g

SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM1900 Right (Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-14/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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) = 0.130 mW/g

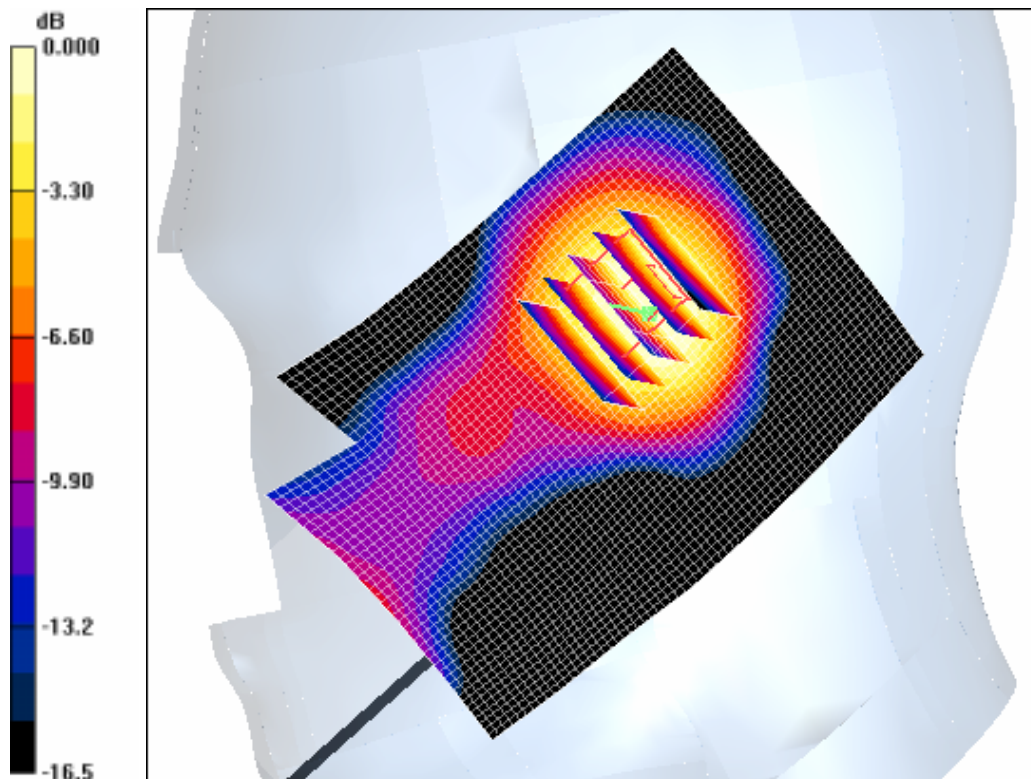
Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.90 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM1900 Left (Job No. : FD-242)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-14/Dec/2006

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.27 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

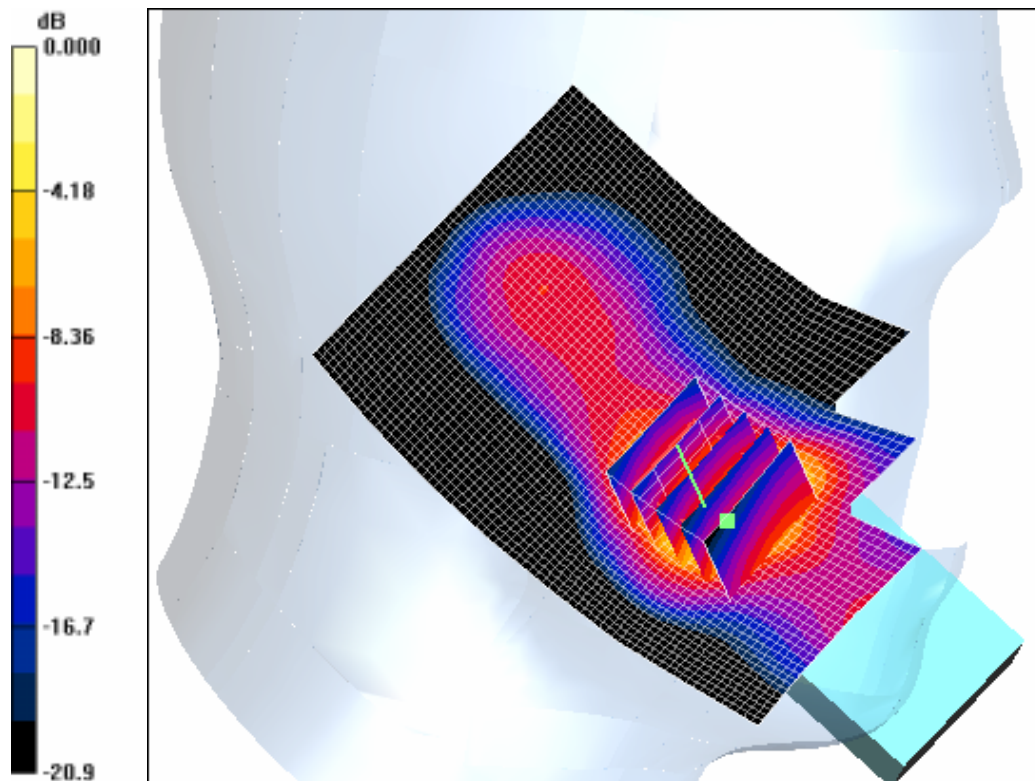
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.16 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM1900 Left (Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-14/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.06 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.172 W/kg

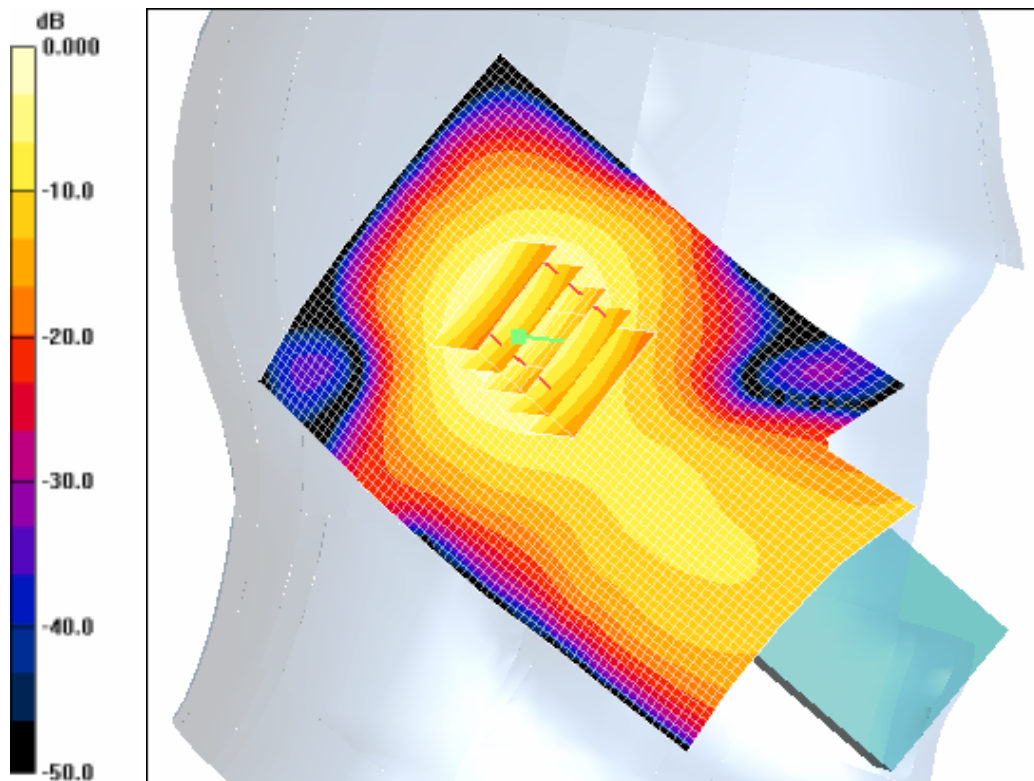
SAR(1 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.118 mW/g

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.180 mW/g



0 dB = 0.180mW/g

SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Head SAR

DUT: SGH-X526; Serial: FD-242-B

Program Name: SGH-X526 GSM1900 Left (Job No. : FD-242)

Procedure Name: Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard

Meas.Tissue Temp(celsius)-21.6, Ambient Temp-22.0;Test Date-14/Dec/2006

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.27 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.9 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.16 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



SAMSUNG FCC ID : A3LSGHX526 1900MHz GSM1900 Body SAR

DUT: SGH-X526(Body); Serial: FD-242-B

Program Name: SGH-X526 GPRS1900 Body (Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.5, Ambient Temp-21.8;Test Date-14/Dec/2006

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.69 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.196 W/kg

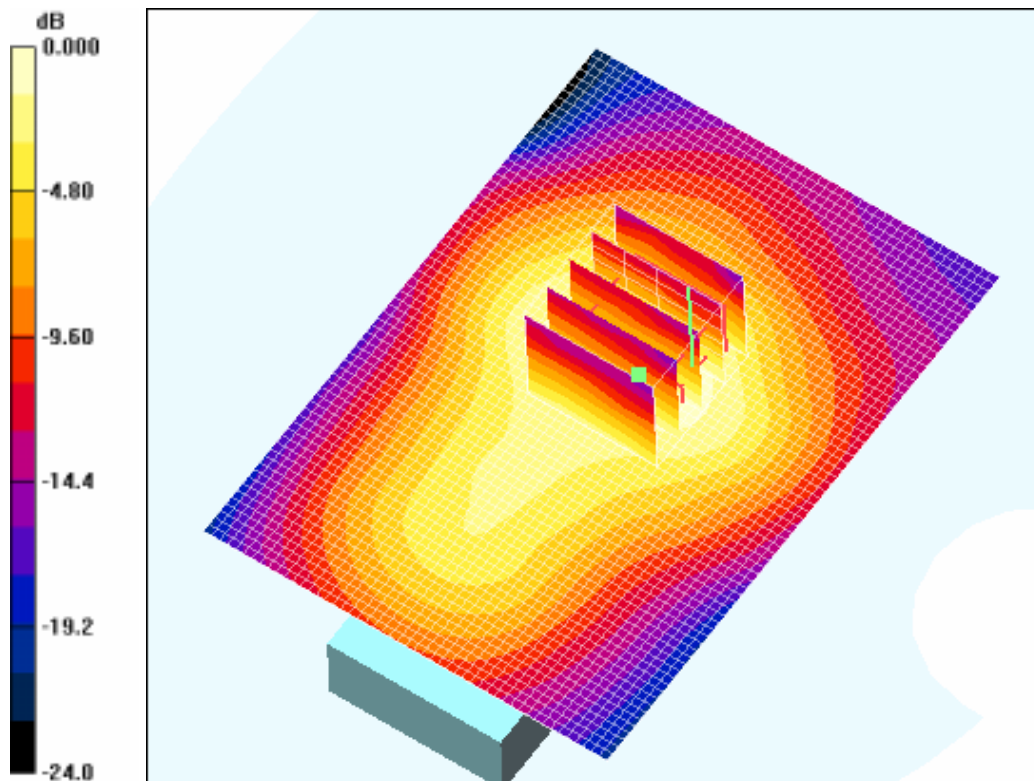
SAR(1 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.128 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.143 mW/g



0 dB = 0.143mW/g

SAMSUNG FCC ID : A3LSGHX526 1900MHz GPRS1900 Body SAR

DUT: SGH-X526(Body); Serial: FD-242-B

Program Name: SGH-X526 GPRS1900 Body (Job No. : FD-242)

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

Meas.Tissue Temp(celsius)-21.5, Ambient Temp-21.8;Test Date-14/Dec/2006

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn686; Calibrated: 2006-11-20
- 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.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 8.69 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.128 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid:

$dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.143 mW/g

