

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Right Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 mW/g

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

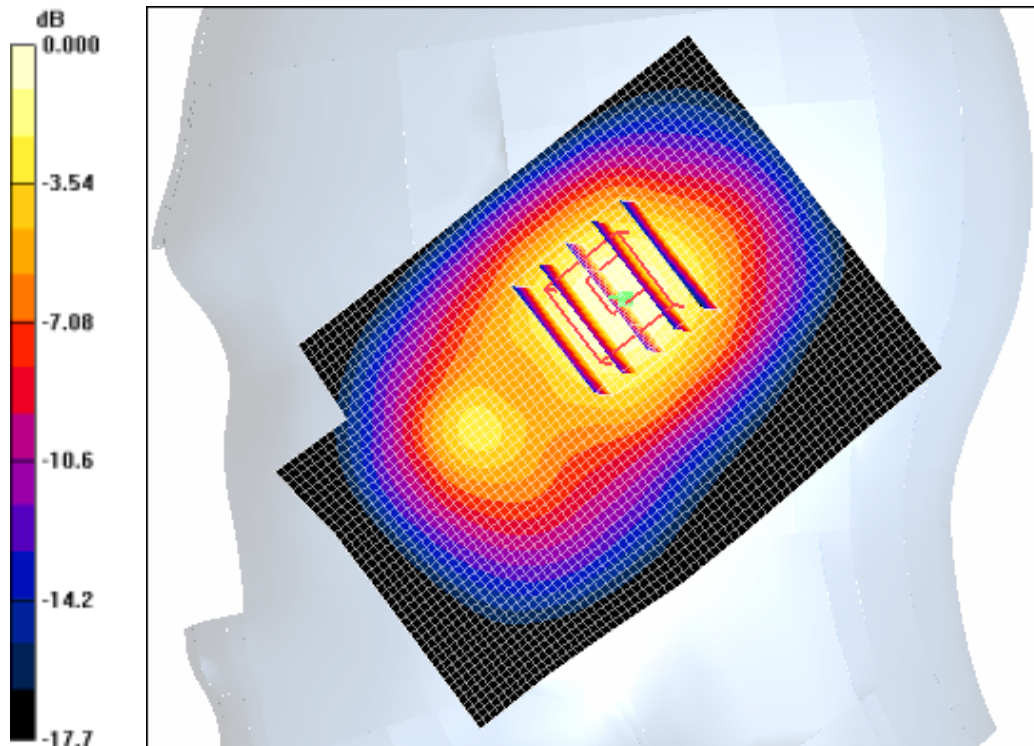
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.815 mW/g

Maximum value of SAR (measured) = 0.869 mW/g



0 dB = 0.869mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Right Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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:

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

Maximum value of SAR (interpolated) = 0.680 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

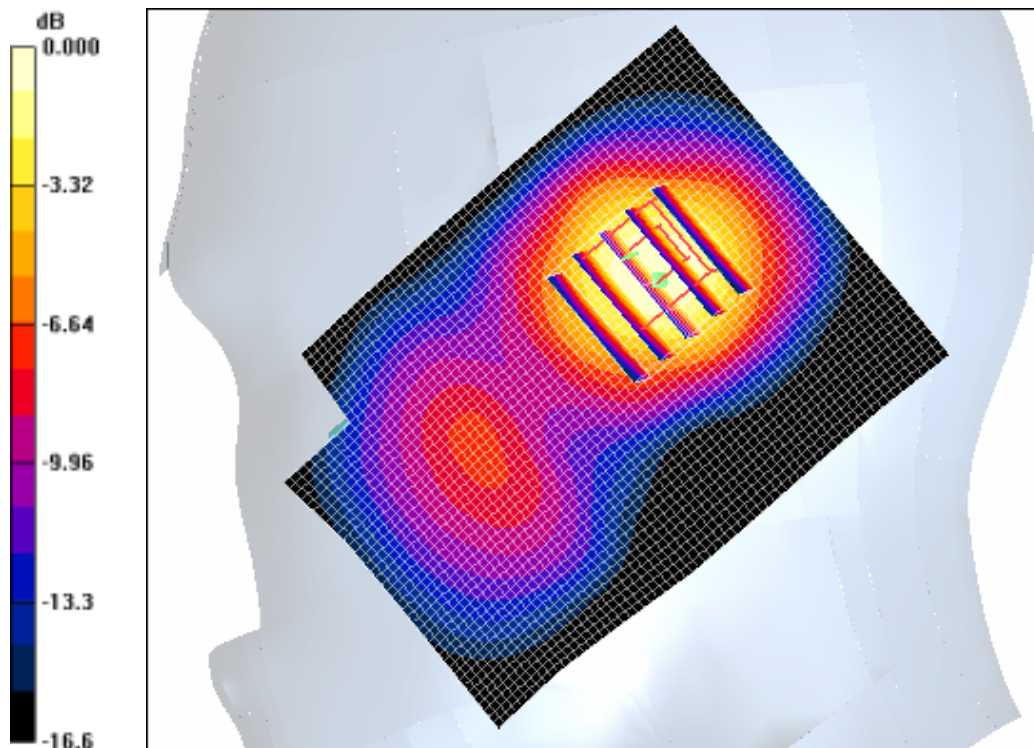
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.4 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.607 mW/g

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



0 dB = 0.645mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Left Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.870 mW/g

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

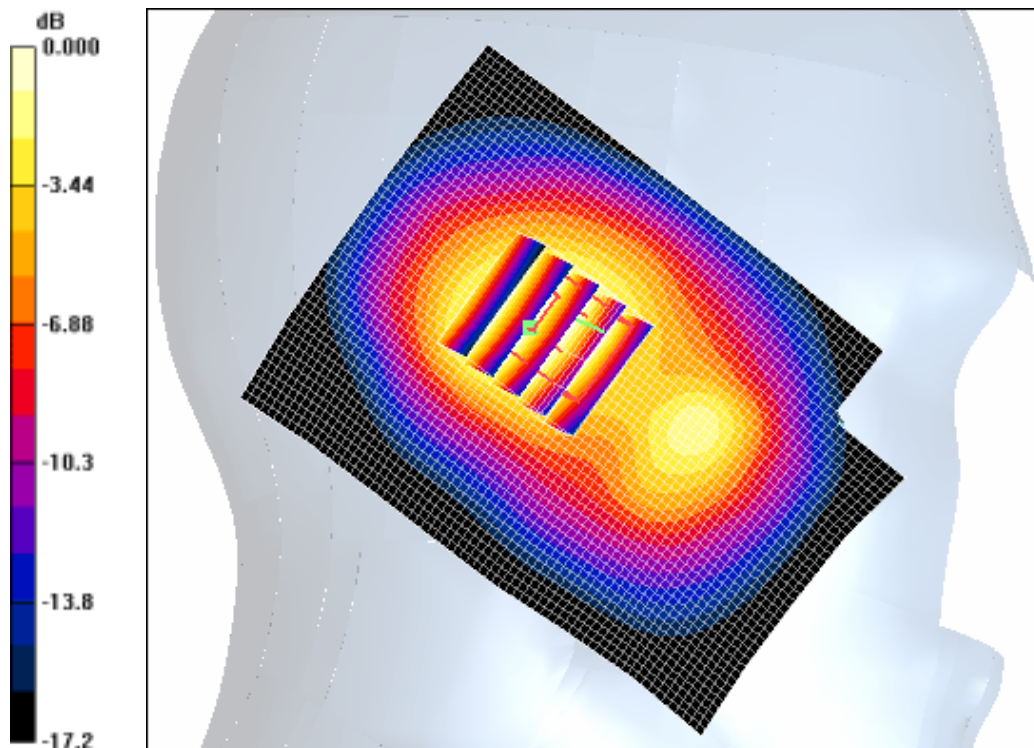
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.677 mW/g

Maximum value of SAR (measured) = 0.726 mW/g



0 dB = 0.726mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Left Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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:

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

Maximum value of SAR (interpolated) = 0.772 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

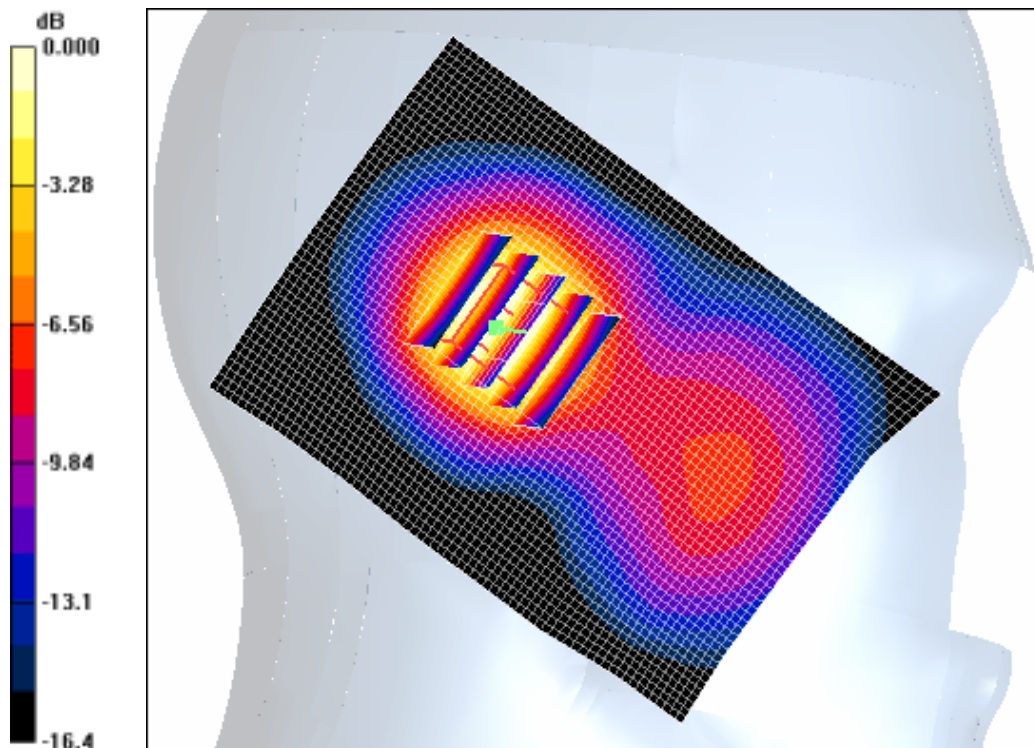
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.1 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.546mW/g

SAMSUNG FCC ID : A3LSGHZ360 -- 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Up); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Right Slide Up (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 15.8 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.444 W/kg

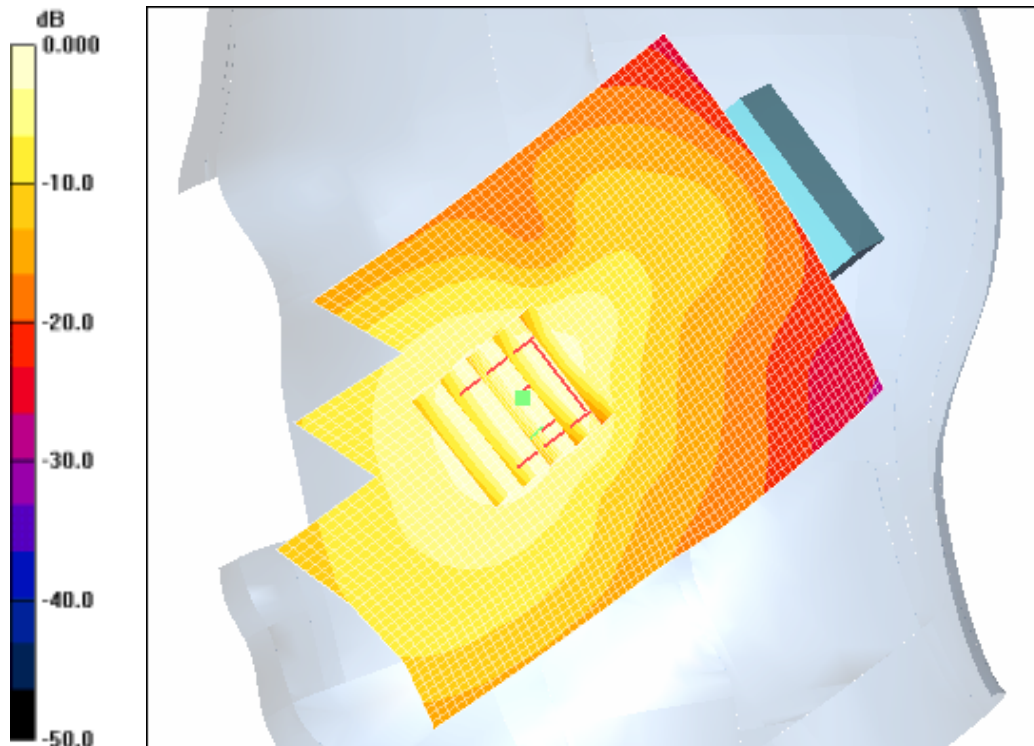
SAR(1 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.329 mW/g

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

grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.360 mW/g



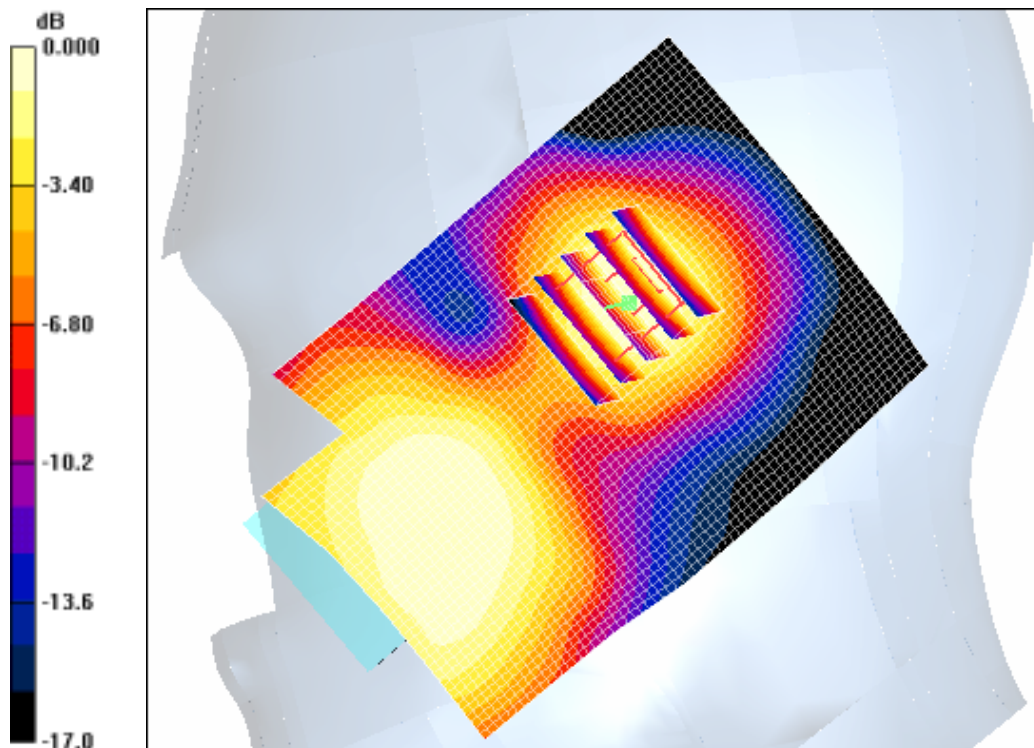
0 dB = 0.360mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR
DUT: SGH-Z360 (Up); Serial: FD-144-C
Program Name: SGH-Z360 GSM1900 Right Slide Up (Job No. : FD-144)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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:
 $dx=20$ mm, $dy=20$ mm
 Maximum value of SAR (interpolated) = 0.060 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 5.21 V/m; Power Drift = -0.146 dB
 Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.046 mW/g
 Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Up); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Left Slide Up (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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) = 0.360 mW/g

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

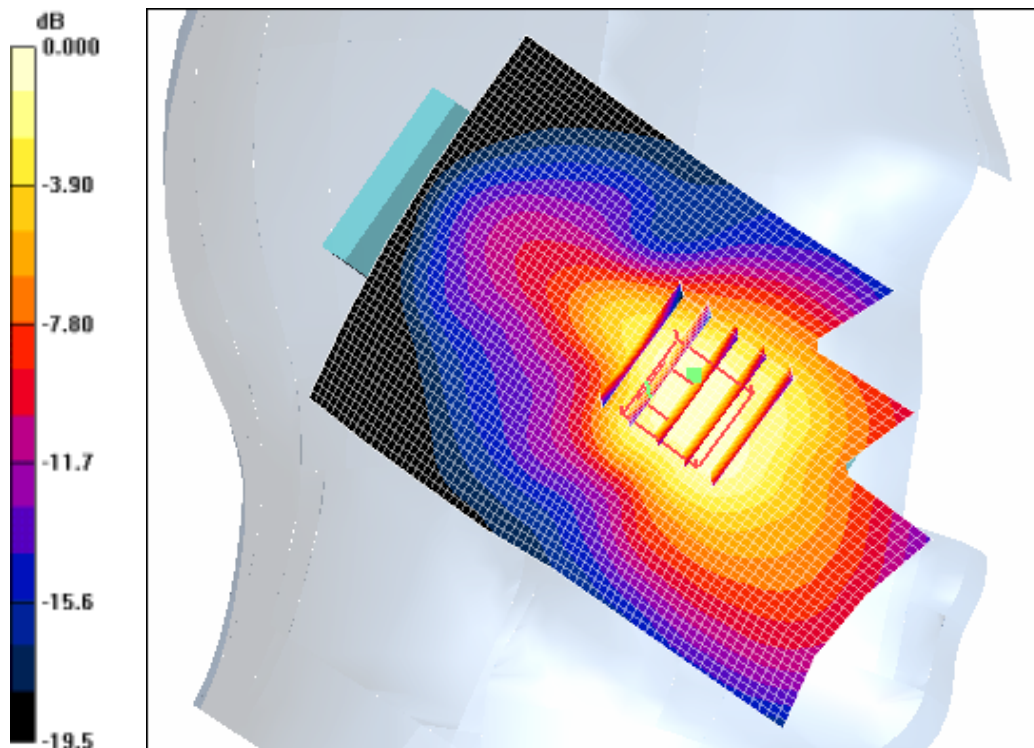
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.372 mW/g



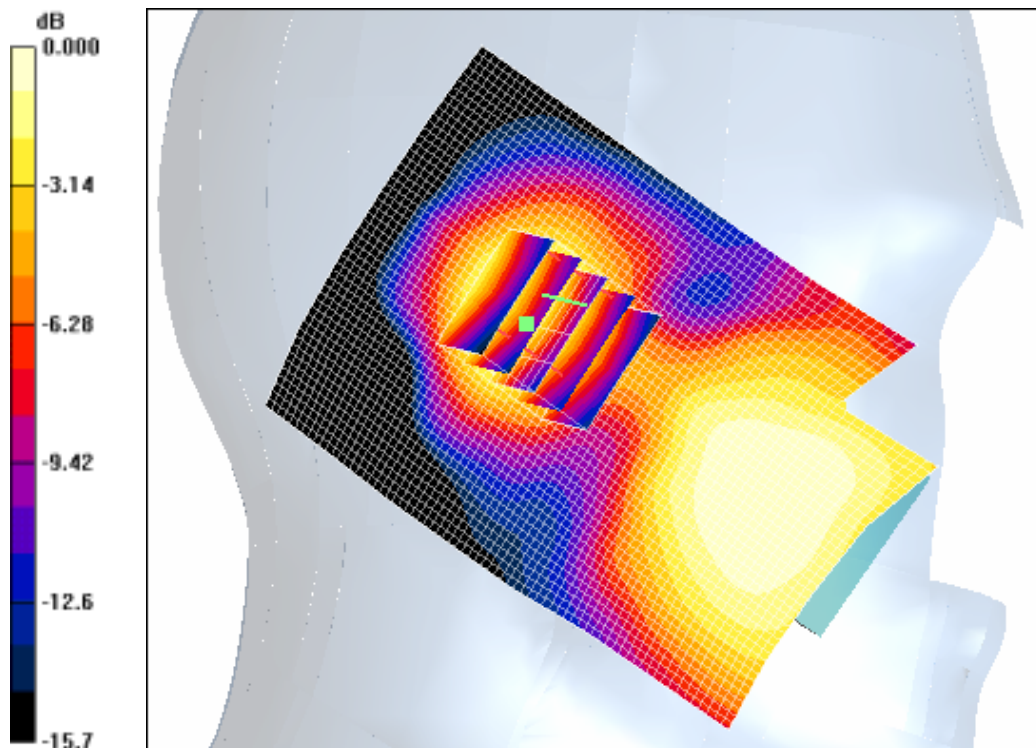
0 dB = 0.372mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR
DUT: SGH-Z360 (Up); Serial: FD-144-C
Program Name: SGH-Z360 GSM1900 Left Slide Up (Job No. : FD-144)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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) = 0.074 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 = 5.22 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Right Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.929 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

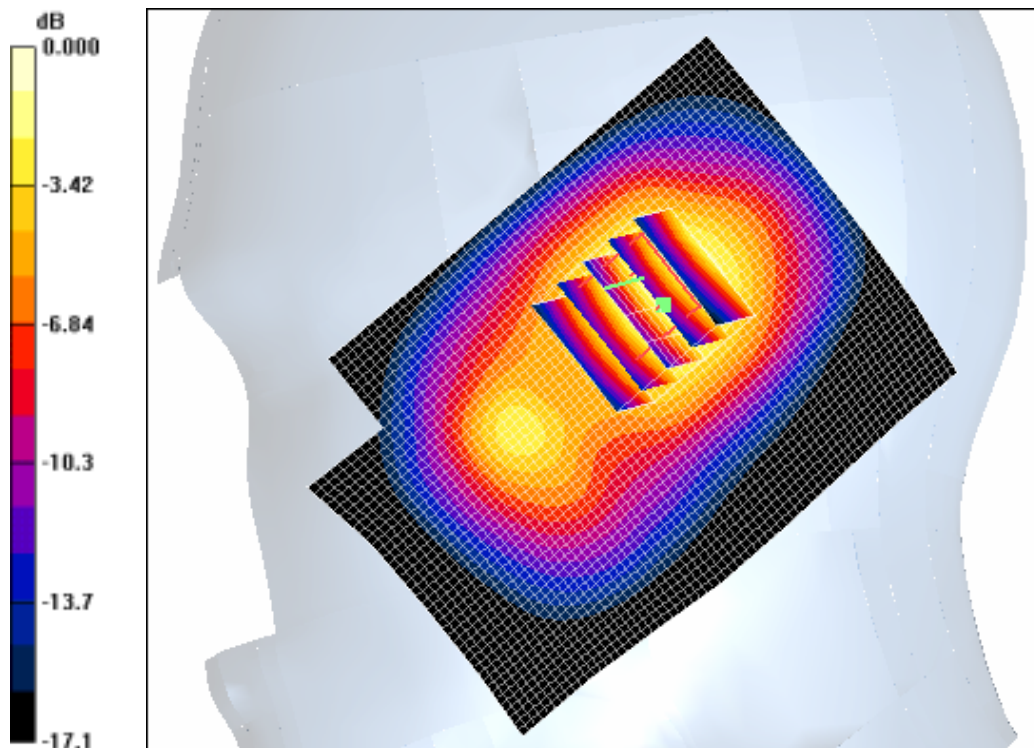
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.822 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.873mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GSM1900 Head SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GSM1900 Right Slide Down (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.4;Test Date-01/Aug/2006[OET Bulletin 65-Supplement C, July 2001]

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard with BT ON/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.929 mW/g

Cheek/Touch, Ch.810, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

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

Reference Value = 21.9 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.822 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GPRS1900 Body SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GPRS1900 Body (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.7;Test Date-01/Aug/2006[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; $\sigma = 1.51$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 15.9 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.02 W/kg

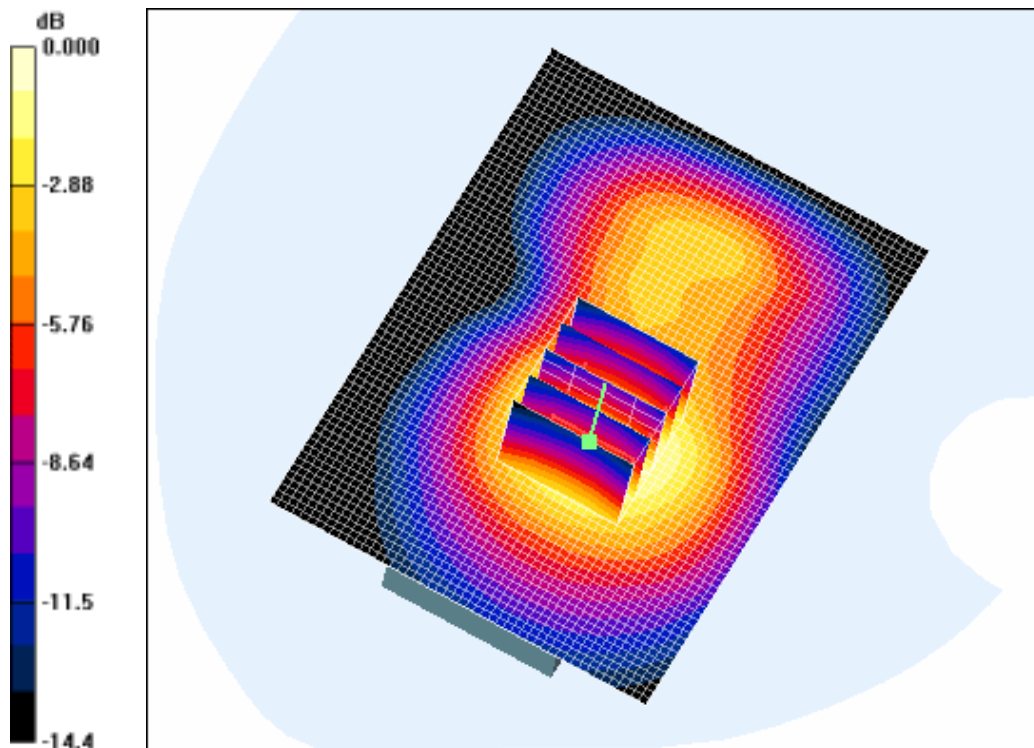
SAR(1 g) = 0.742 mW/g

Maximum value of SAR (measured) = 0.782 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) = 0.824 mW/g



0 dB = 0.824mW/g

SAMSUNG FCC ID : A3LSGHZ360 - - 1900MHz GPRS1900 Body SAR

DUT: SGH-Z360 (Down); Serial: FD-144-C

Program Name: SGH-Z360 GPRS1900 Body (Job No. : FD-144)

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

Procedure Notes: Meas.Tissue Temp(celsius)-22.1, Ambient Temp-22.7;Test Date-01/Aug/2006[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; $\sigma = 1.51$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ 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.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 15.9 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.742 mW/g

Maximum value of SAR (measured) = 0.782 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) = 0.824 mW/g

