

SAMSUNG FCC ID : A3LSGHI718 835MHz --GSM850 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM850 Right (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-21.7; Tissue Temp(celsius)-21.5;Test Date-17/Nov/2006

Communication System: GSM 850; 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: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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) = 0.912 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 = 30.9 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.806 mW/g

Maximum value of SAR (measured) = 0.843 mW/g



0 dB = 0.843mW/g

SAMSUNG FCC ID : A3LSGHI718 835MHz --GSM850 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM850 Right (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-21.7; Tissue Temp(celsius)-21.5;Test Date-17/Nov/2006

Communication System: GSM 850; 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: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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) = 0.478 mW/g

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

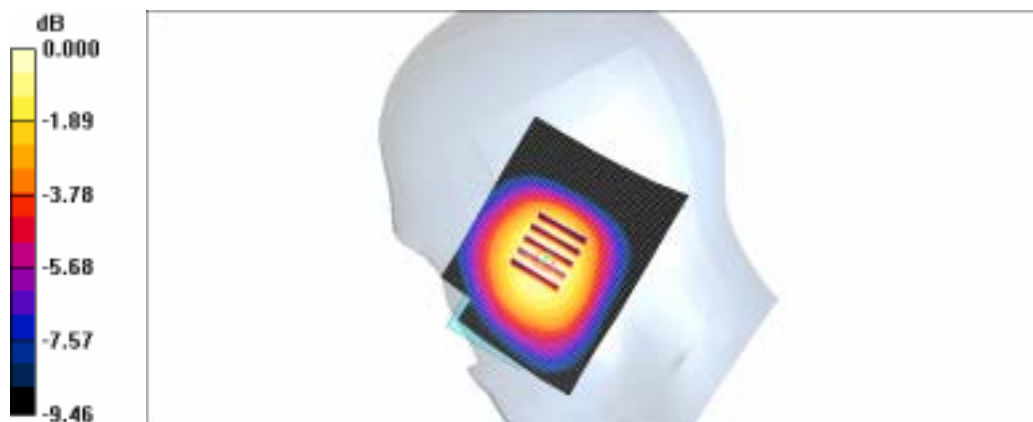
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.476mW/g

SAMSUNG FCC ID : A3LSGHI718 835MHz --GSM850 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM850 Left (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-21.7; Tissue Temp(celsius)-21.5;Test Date-17/Nov/2006

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.965 mW/g

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.1 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.823 mW/g

Maximum value of SAR (measured) = 0.865 mW/g



0 dB = 0.865mW/g

SAMSUNG FCC ID : A3LSGHI718 835MHz --GSM850 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM850 Left (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-21.7; Tissue Temp(celsius)-21.5;Test Date-17/Nov/2006

Communication System: GSM 850; 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: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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) = 0.445 mW/g

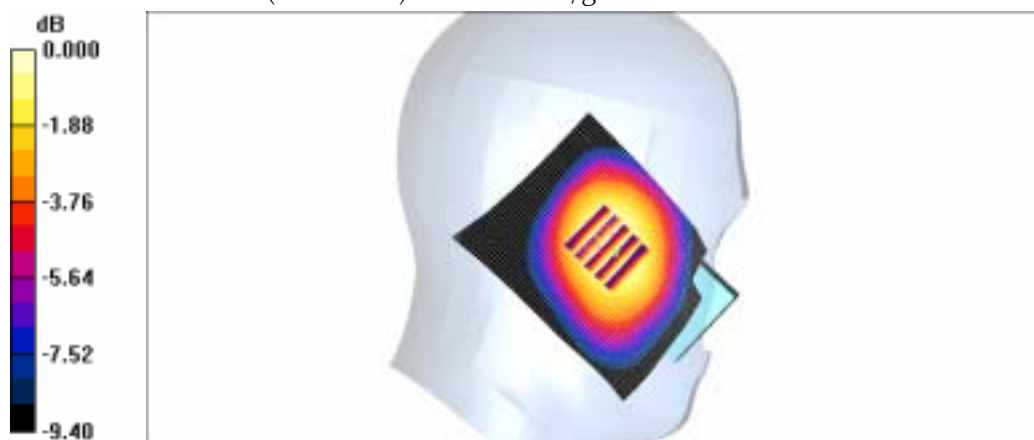
Ear/Tilt, Ch.190, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

SAMSUNG FCC ID : A3LSGHI718 835MHz GPRS850 Body SAR

DUT: SGH-i718(Body); Serial: FD-209-M

Program Name: SGH-i718 GSM850 Body (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-17/Nov/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.31, 6.31, 6.13); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- 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) = 1.18 mW/g

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

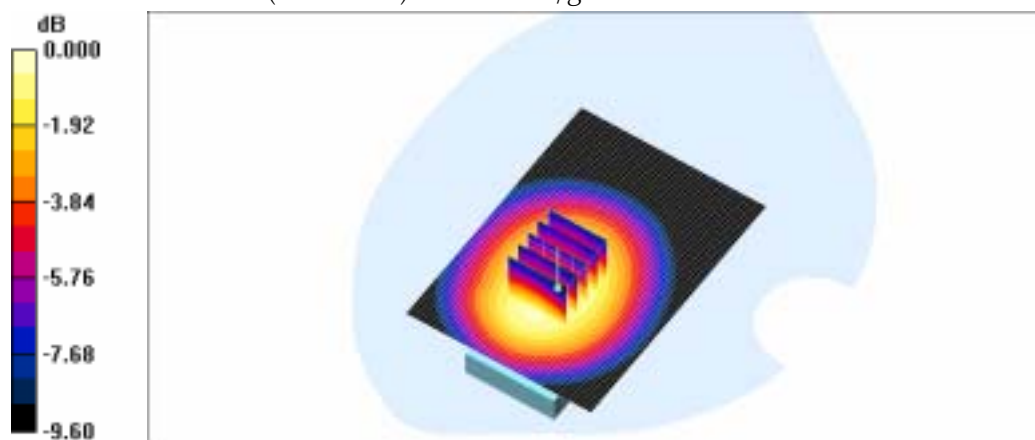
dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.12 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

SAMSUNG FCC ID : A3LSGHI718 1900MHz --GSM1900 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM1900 Right (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- 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) = 0.250 mW/g

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

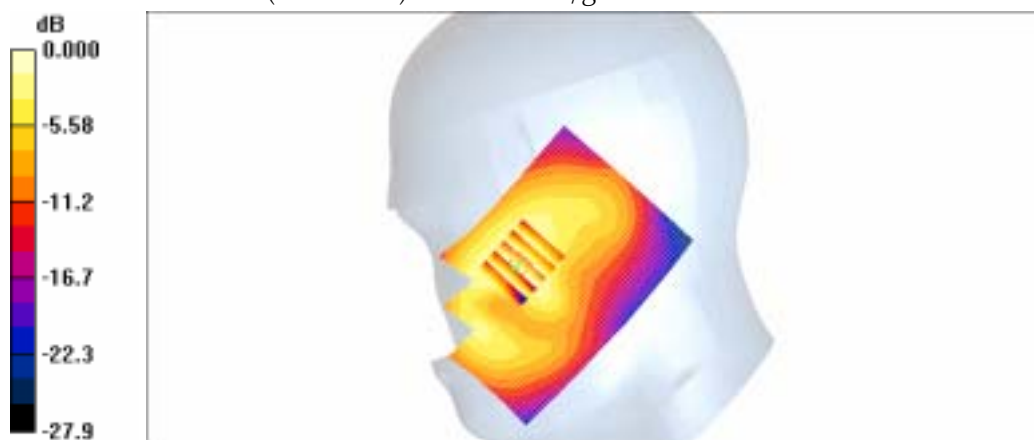
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

SAMSUNG FCC ID : A3LSGHI718 1900MHz --GSM1900 Head SAR
DUT: SGH-i718; Serial: FD-209-M
Program Name: SGH-i718 GSM1900 Right (Job No. : FD-209)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006
 Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section
 DASY4 Configuration:
 - Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn486; Calibrated: 2006-07-17
 - Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
 - 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:
 $dx=20\text{mm}$, $dy=20\text{mm}$
 Maximum value of SAR (interpolated) = 0.139 mW/g

Ear/Tilt, Ch.661, 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 = 3.62 V/m; Power Drift = 0.130 dB
 Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.130 mW/g
 Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

SAMSUNG FCC ID : A3LSGHI718 1900MHz --GSM1900 Head SAR
DUT: SGH-i718; Serial: FD-209-M
Program Name: SGH-i718 GSM1900 Left(Job No. : FD-209)
Procedure Name: Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard With BT ON
Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.610 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube

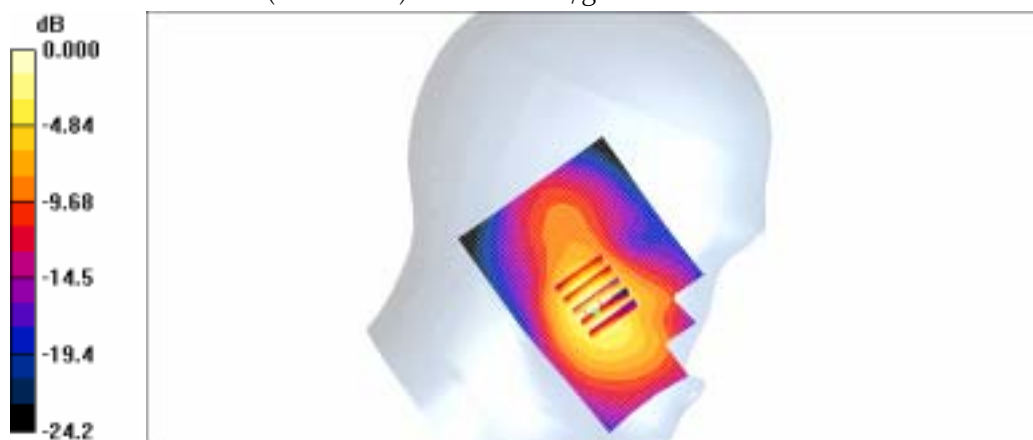
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.9 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.636 mW/g

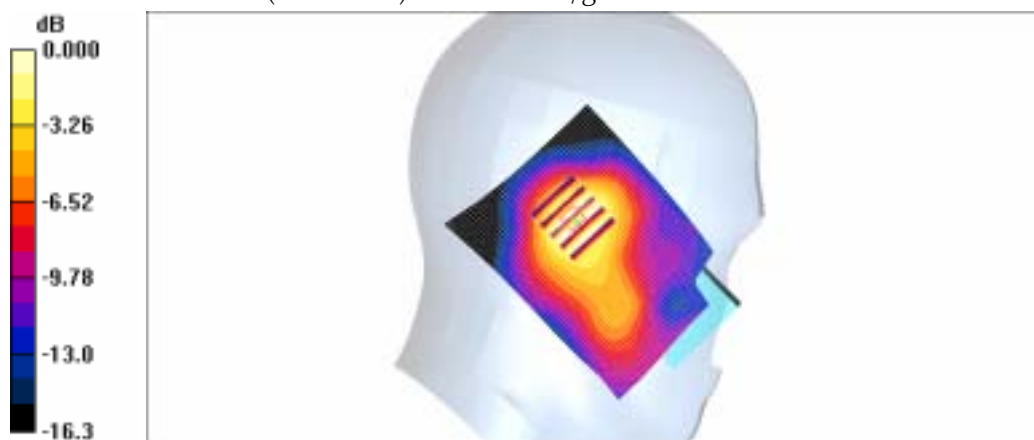


0 dB = 0.636mW/g

SAMSUNG FCC ID : A3LSGHI718 1900MHz --GSM1900 Head SAR
DUT: SGH-i718; Serial: FD-209-M
Program Name: SGH-i718 GSM1900 Left(Job No. : FD-209)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006
 Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section
 DASY4 Configuration:
 - Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn486; Calibrated: 2006-07-17
 - Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
 - 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:
 $dx=20\text{mm}$, $dy=20\text{mm}$
 Maximum value of SAR (interpolated) = 0.190 mW/g

Ear/Tilt, Ch.661, 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 = 10.7 V/m; Power Drift = -0.040 dB
 Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.144 mW/g
 Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156mW/g

SAMSUNG FCC ID : A3LSGHI718 1900MHz GPRS1900 Body SAR

DUT: SGH-i718(Body); Serial: FD-209-M

Program Name: SGH-i718 GSM1900 Body (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.57, 4.57, 4.57); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

$dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.728 mW/g

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

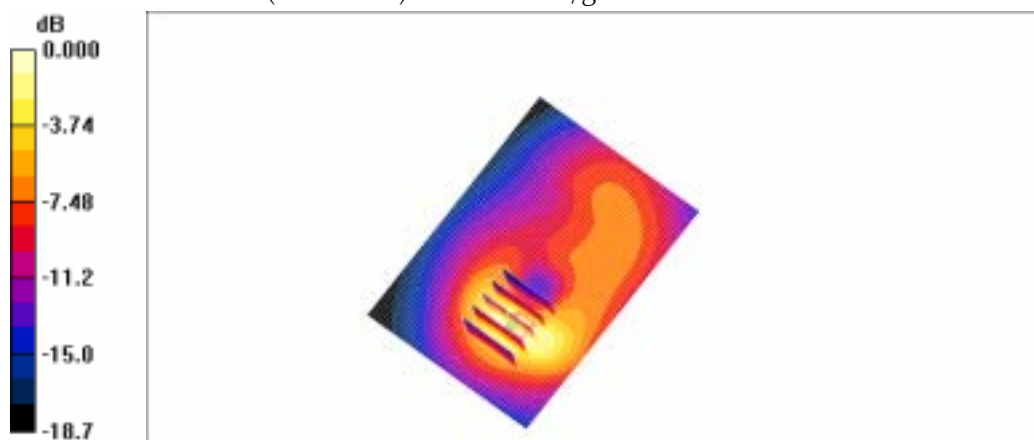
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.06 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.647 mW/g

Maximum value of SAR (measured) = 0.704 mW/g



0 dB = 0.704mW/g

SAMSUNG FCC ID : A3LSCHI718 835MHz GSM850 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM850 Left (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-21.7; Tissue Temp(celsius)-21.5;Test Date-17/Nov/2006

Communication System: GSM 850; 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: ES3DV2 - SN3017; ConvF(6.3, 6.3, 6.3); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Maximum value of SAR (interpolated) = 0.965 mW/g

Cheek/Touch, Ch.190, Ant.Intenna, Bat.Standard with BT ON/Zoom Scan (5x5x7)/Cube

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

Reference Value = 30.1 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.823 mW/g

Maximum value of SAR (measured) = 0.865 mW/g



SAMSUNG FCC ID : A3LSGHI718 835MHz -- GPRS850 Body SAR

DUT: SGH-i718(Body); Serial: FD-209-M

Program Name: SGH-i718 GSM850 Body (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-17/Nov/2006

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(6.31, 6.31, 6.13); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- 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) = 1.18 mW/g

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

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

Reference Value = 18.0 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.12 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



SAMSUNG FCC ID : A3LSGHI718 1900MHz -- GSM1900 Head SAR

DUT: SGH-i718; Serial: FD-209-M

Program Name: SGH-i718 GSM1900 Left(Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(5.06, 5.06, 5.06); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Maximum value of SAR (interpolated) = 0.610 mW/g

Cheek/Touch, Ch.661, Ant.Intenna, Bat.Standard With BT ON/Zoom Scan (5x5x7)/Cube

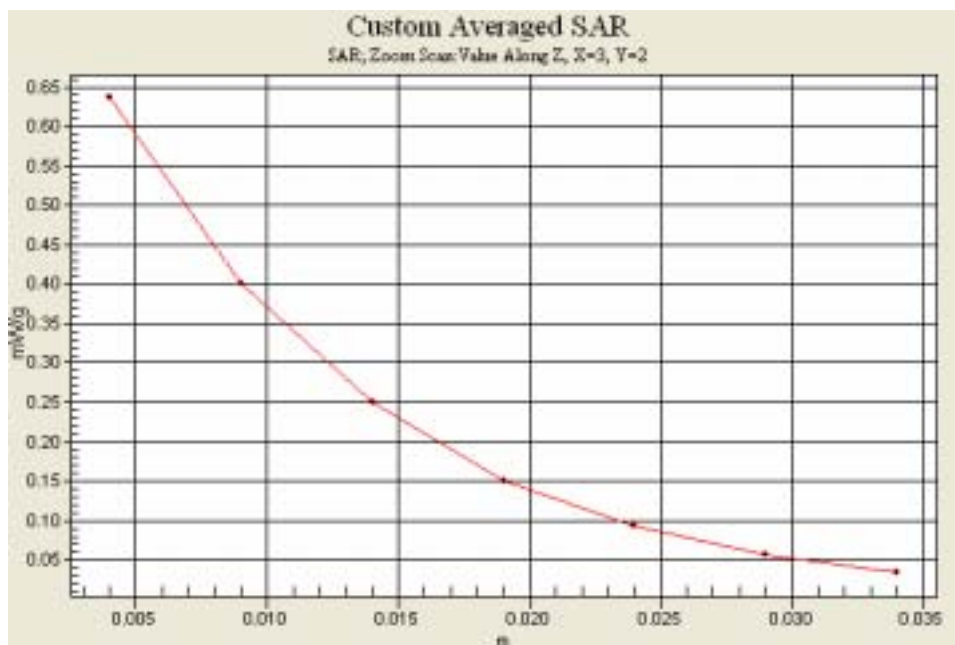
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.636 mW/g



SAMSUNG FCC ID : A3LSGHI718 1900MHz -- GPRS1900 Body SAR

DUT: SGH-i718(Body); Serial: FD-209-M

Program Name: SGH-i718 GSM1900 Body (Job No. : FD-209)

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

Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.7;Test Date-16/Nov/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3017; ConvF(4.57, 4.57, 4.57); Calibrated: 2006-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.728 mW/g

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

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

Reference Value = 9.06 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.647 mW/g

Maximum value of SAR (measured) = 0.704 mW/g

