

# SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GSM850 Head SAR

**DUT: SGH-P777(Up); Serial: FB-063-E**

**Program Name: SGH-P777 GSM850 Right (Slide Up, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

dx=20mm, dy=20mm

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

**Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:**

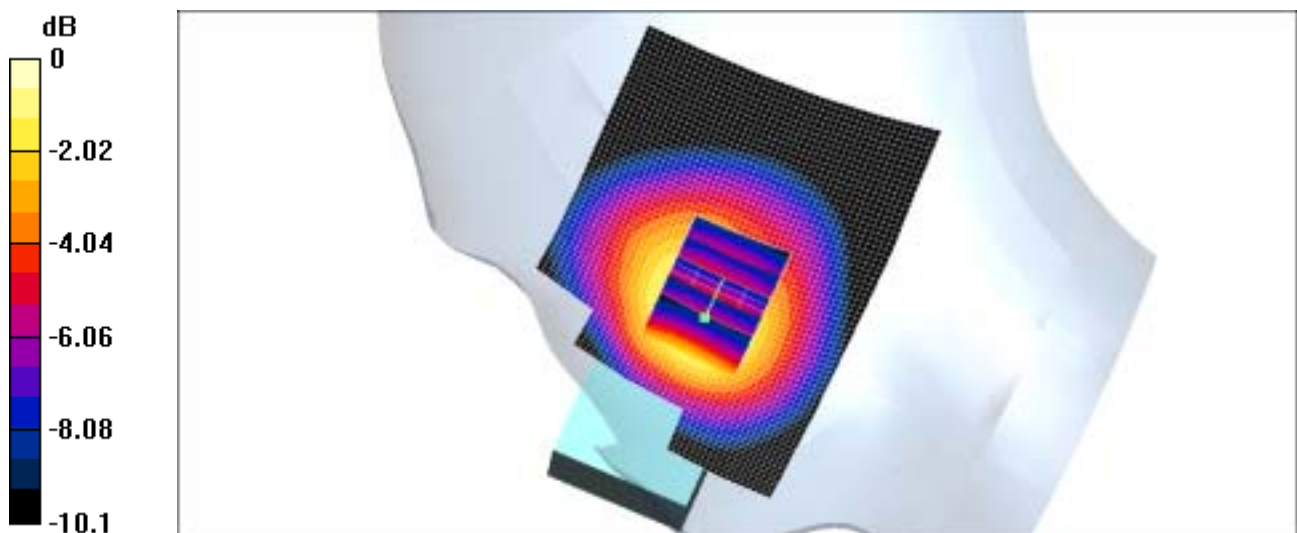
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.49 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.794 mW/g**

Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.854mW/g

**SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GSM850 Head SAR**

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM850 Right (Slide Down, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

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

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

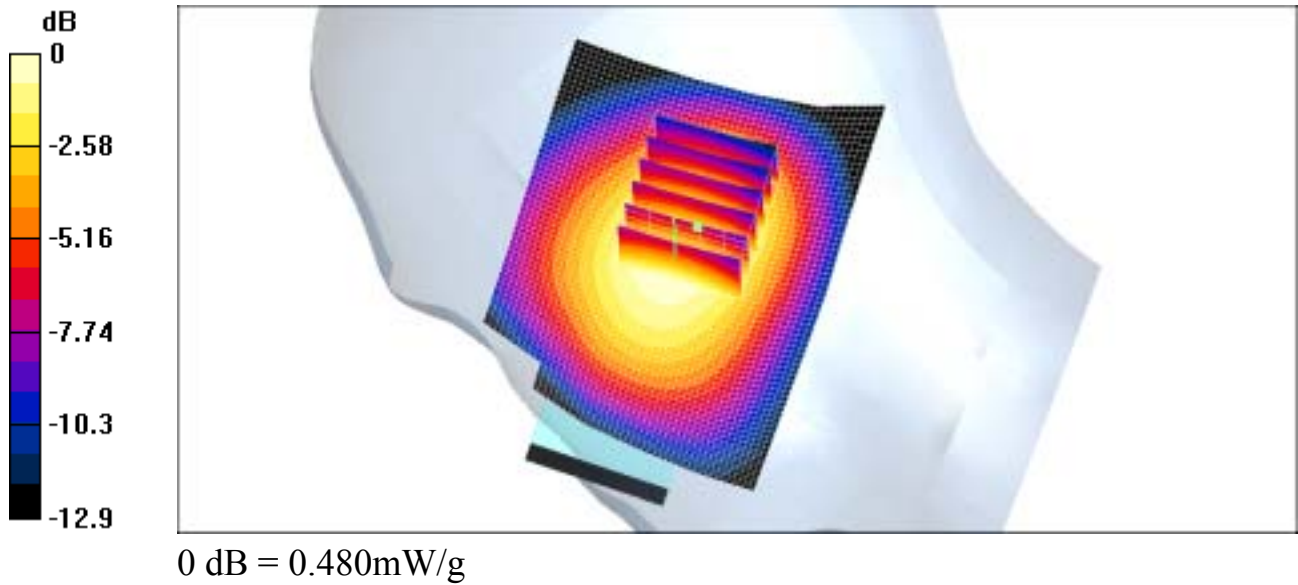
**Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.592 W/kg

**SAR(1 g) = 0.456 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g



# SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GSM850 Head SAR

**DUT: SGH-P777(Up); Serial: FB-063-E**

**Program Name: SGH-P777 GSM850 Left (Slide Up, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

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

Maximum value of SAR (interpolated) =  $0.811 \text{ mW/g}$

**Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:**

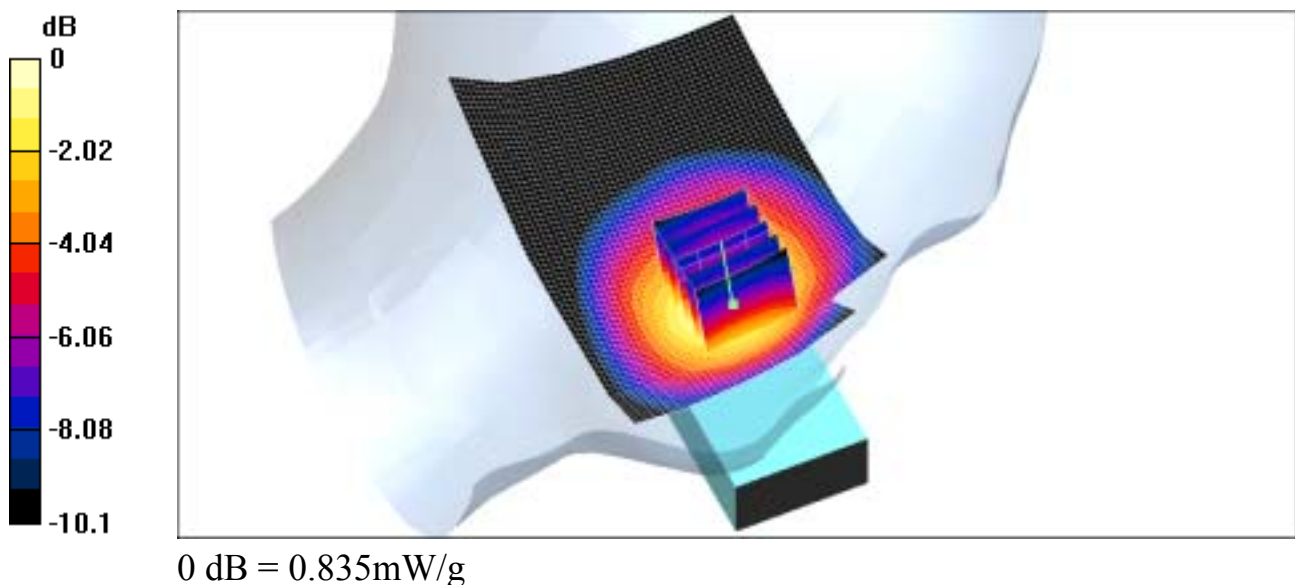
Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.3 \text{ V/m}$ ; Power Drift =  $0.0 \text{ dB}$

Peak SAR (extrapolated) =  $1.16 \text{ W/kg}$

**SAR(1 g) =  $0.792 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.835 \text{ mW/g}$



# SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GSM850 Head SAR

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM850 Left (Slide Down, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

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

Maximum value of SAR (interpolated) = 0.531 mW/g

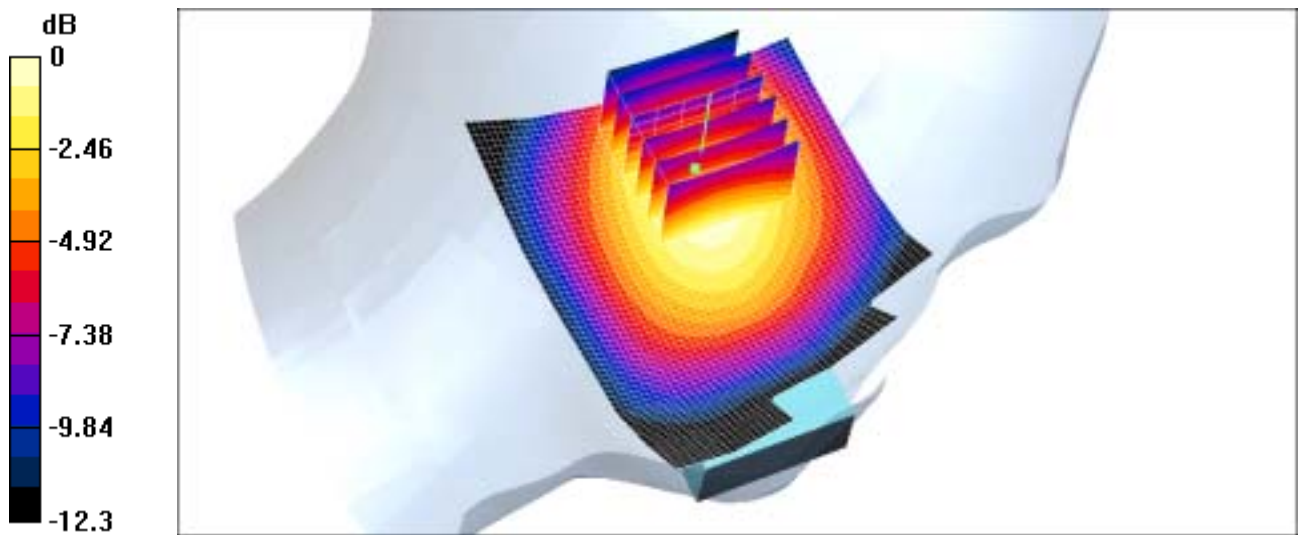
**Ear/Tilt, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.5 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.642 W/kg

**SAR(1 g) = 0.464 mW/g**

Maximum value of SAR (measured) = 0.491 mW/g



0 dB = 0.491mW/g

# SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GSM1900 Head SAR

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM1900 Right (Slide Down, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-13/Oct/2004 [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;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

Maximum value of SAR (interpolated) = 0.537 mW/g

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

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

Reference Value = 20 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.807 W/kg

**SAR(1 g) = 0.540 mW/g**

Maximum value of SAR (measured) = 0.592 mW/g

**Cheek/Touch, Ch.661, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 1:**

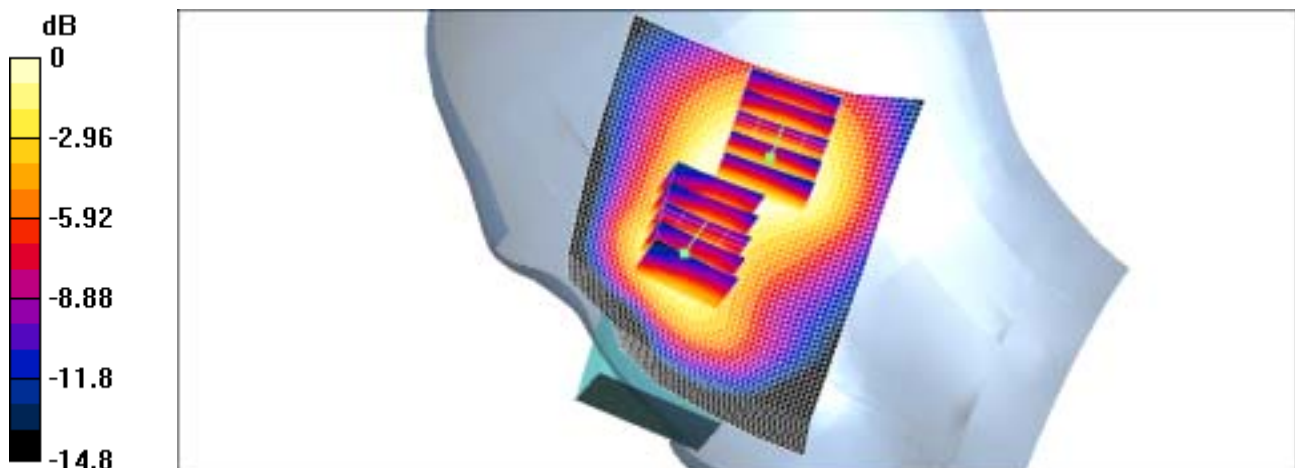
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.376 mW/g**

Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g



# SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GSM1900 Head SAR

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM1900 Right (Slide Down, Job No.: FB-063)**

**Procedure Name: Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-13/Oct/2004 [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;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.856 mW/g

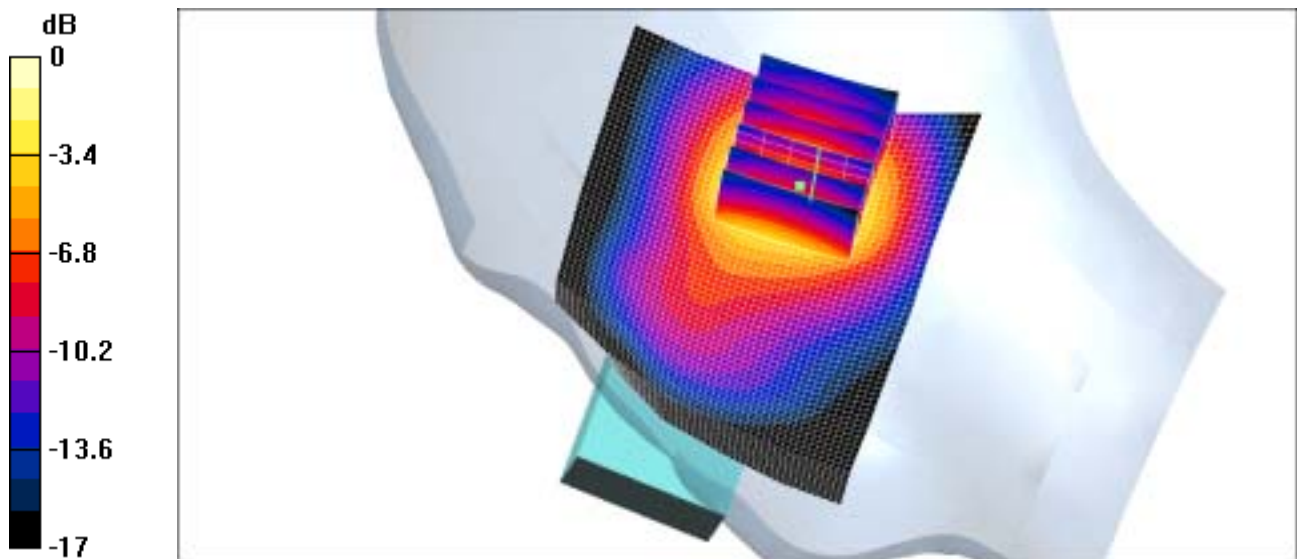
**Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.786 mW/g**

Maximum value of SAR (measured) = 0.831 mW/g



0 dB = 0.831mW/g

# SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GSM1900 Head SAR

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM1900 Left (Slide Down, Job No.: FB-063)**

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

**Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-13/Oct/2004 [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;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.761 mW/g

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

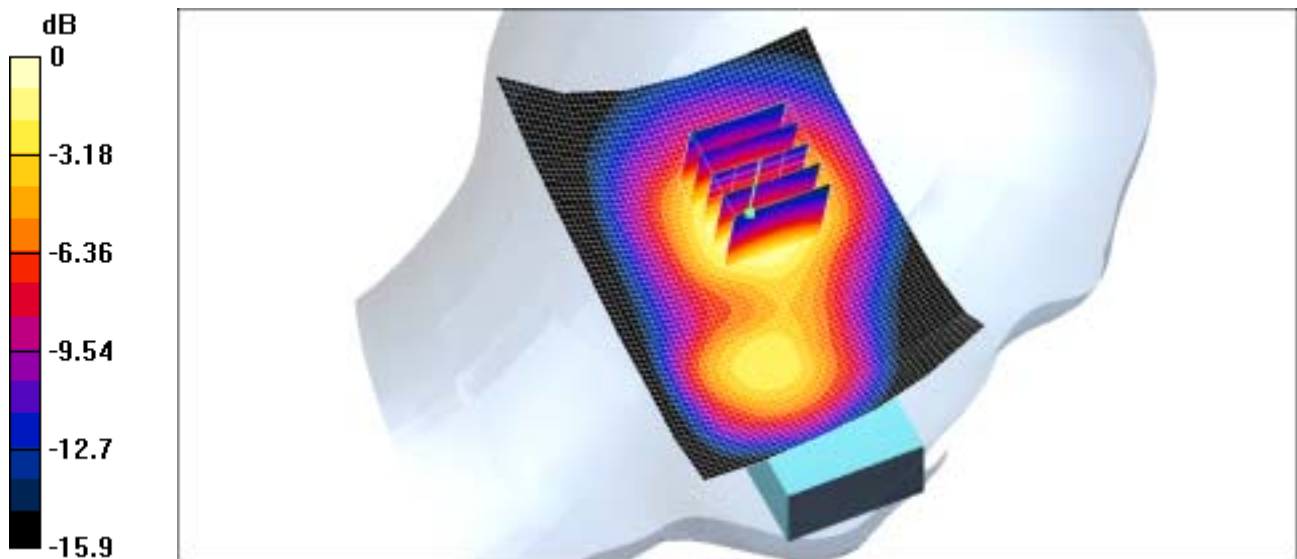
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.666 mW/g**

Maximum value of SAR (measured) = 0.717 mW/g



0 dB = 0.717mW/g

# SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GSM1900 Head SAR

**DUT: SGH-P777(Down); Serial: FB-063-E**

**Program Name: SGH-P777 GSM1900 Left (Slide Down, Job No.: FB-063)**

**Procedure Name: Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-13/Oct/2004 [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;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):** Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

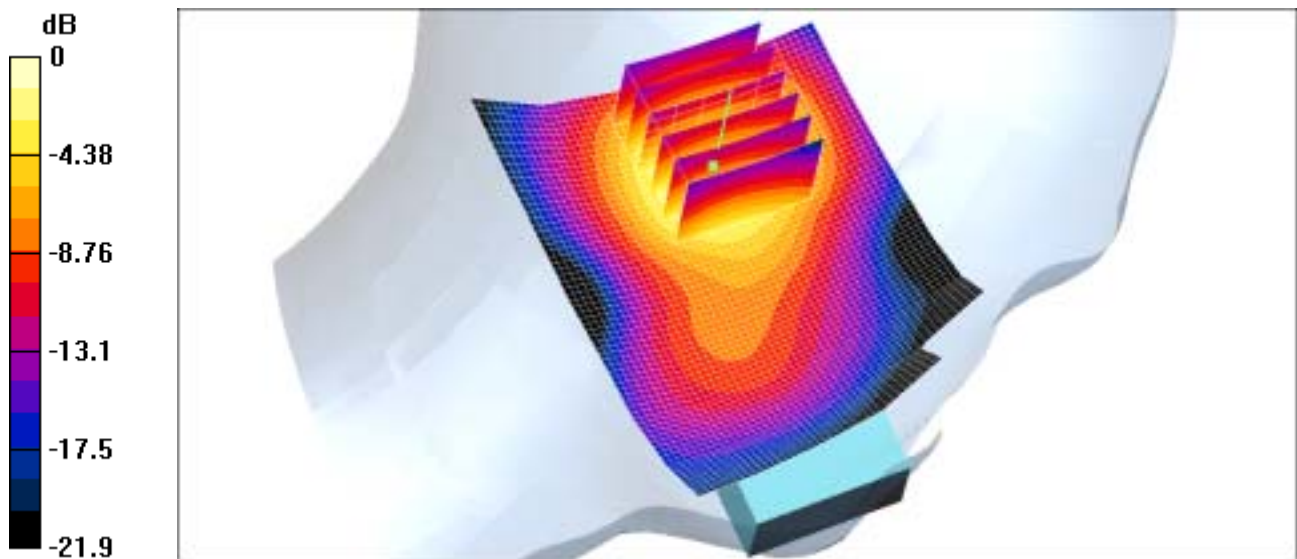
**Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.877 mW/g**

Maximum value of SAR (measured) = 0.945 mW/g



0 dB = 0.945mW/g



# SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GPRS850 Body SAR

**DUT: SGH-P777(Body); Serial: FB-063-E**

**Program Name: SGH-P777 GPRS850 Body (Job No.: FB-063)**

**Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

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

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.69, 6.69, 6.69); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

Maximum value of SAR (interpolated) =  $1.21 \text{ mW/g}$

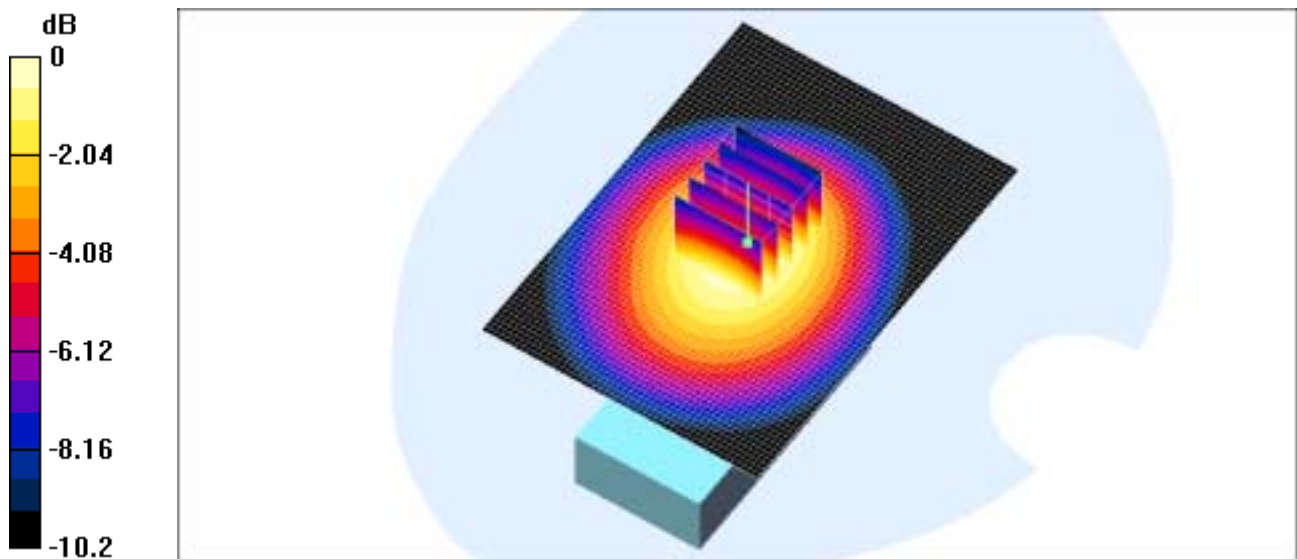
**Body, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $31.3 \text{ V/m}$ ; Power Drift =  $0.1 \text{ dB}$

Peak SAR (extrapolated) =  $1.43 \text{ W/kg}$

**SAR(1 g) =  $1.08 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.15 \text{ mW/g}$



0 dB =  $1.15 \text{ mW/g}$

# SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GPRS1900 Body SAR

**DUT: SGH-P777(Body); Serial: FB-063-E**

**Program Name: SGH-P777 GPRS1900 Body (Job No.: FB-063)**

**Procedure Name: Body, Ch.512, Ant.Fixed, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.5; Test Date-13/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]**

Communication System: GSM 1900 GPRS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.62, 4.62, 4.62); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.707 mW/g

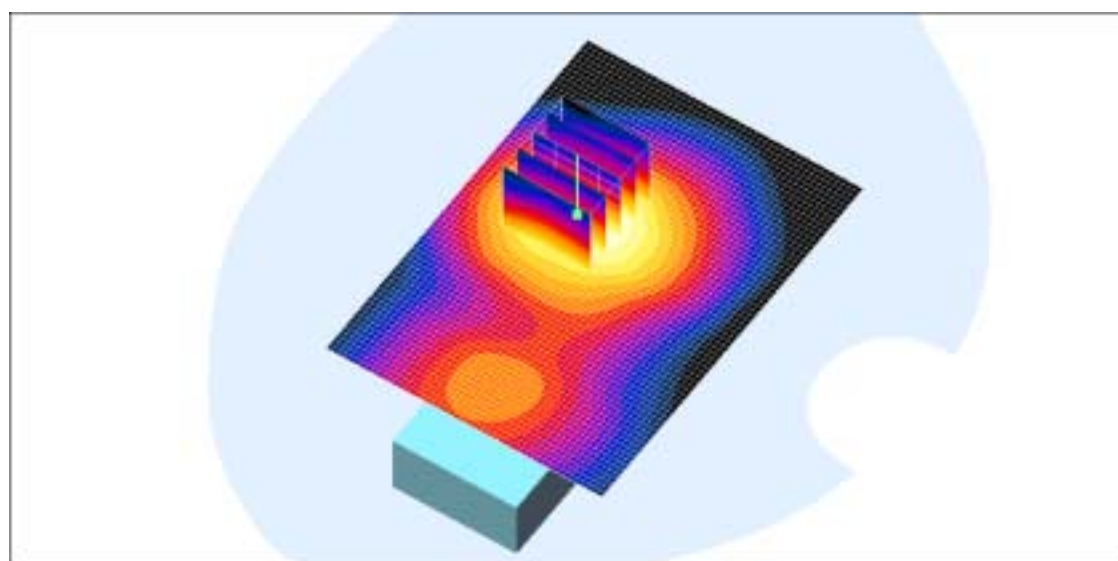
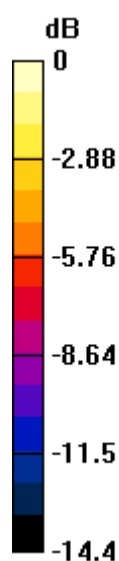
**Body, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.990 W/kg

**SAR(1 g) = 0.653 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.702mW/g

SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GSM850 Head SAR

DUT: SGH-P777(Up); Serial: FB-063-E  
Program Name: SGH-P777 GSM850 Right (Slide Up, Job No.: FB-063)  
Procedure Name: Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard  
Procedure Notes: Meas.Tissue Temp(celsius)-20.7; Test Date-12/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]

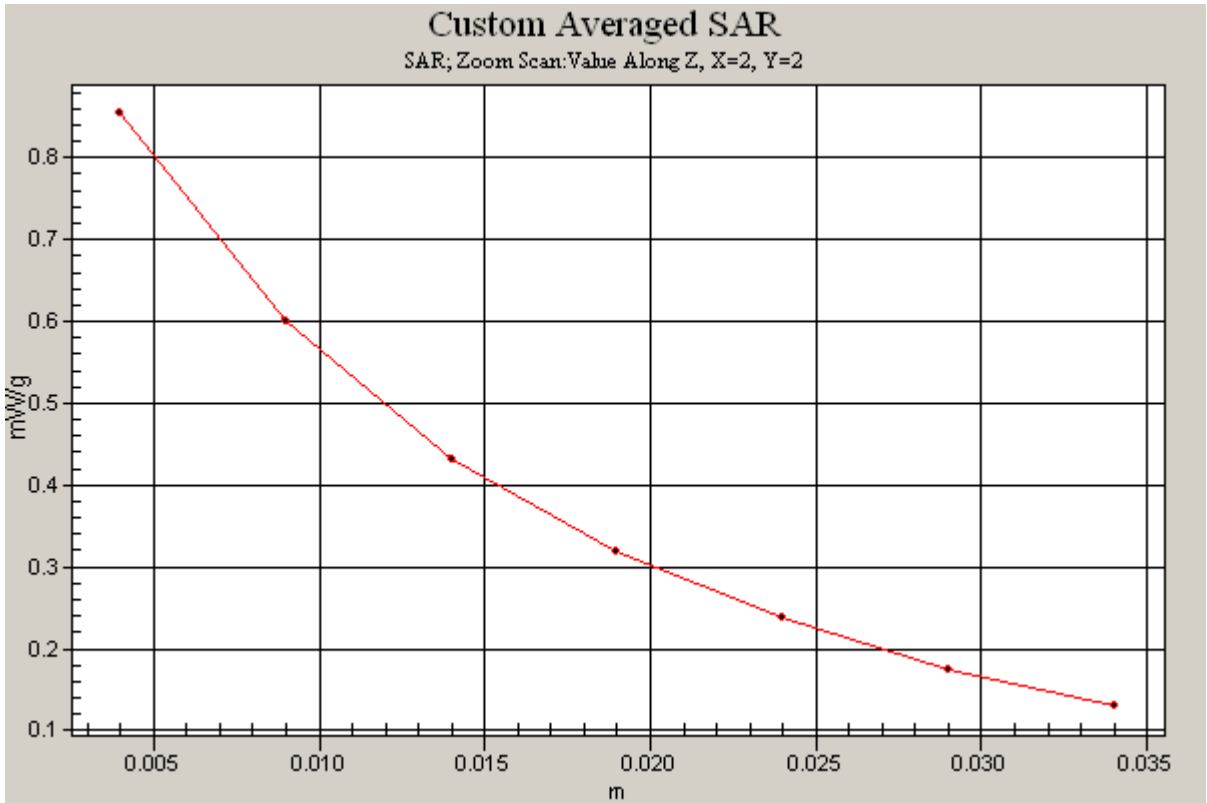
Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3  
Medium parameters used: f = 824.2 MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.82, 6.82, 6.82); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid:  
dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.870 mW/g

Cheek/Touch, Ch.128, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:  
Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.49 V/m; Power Drift = 0.0 dB  
Peak SAR (extrapolated) = 1.18 W/kg  
SAR(1 g) = 0.794 mW/g  
Maximum value of SAR (measured) = 0.854 mW/g



SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GSM1900 Head SAR

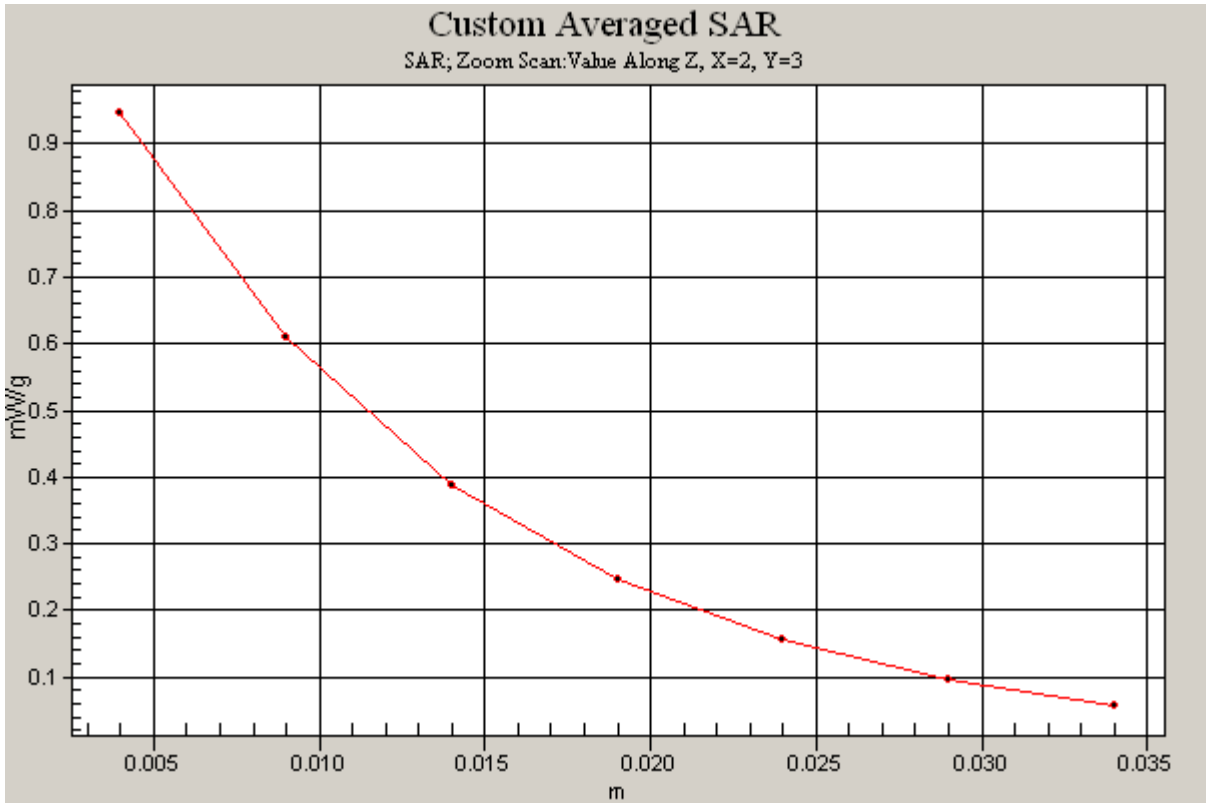
DUT: SGH-P777(Down); Serial: FB-063-E  
Program Name: SGH-P777 GSM1900 Left (Slide Down, Job No.: FB-063)  
Procedure Name: Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard  
Procedure Notes: Meas.Tissue Temp(celsius)-21.0; Test Date-13/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 38.5$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

- DASY4 Configuration:
- Probe: ET3DV6 - SN1735; ConvF(5.38, 5.38, 5.38); Calibrated: 2004-09-24
  - Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
  - Electronics: DAE3 Sn468; Calibrated: 2004-09-23
  - Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
  - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid:  
 $dx=20\text{mm}$ ,  $dy=20\text{mm}$   
Maximum value of SAR (interpolated) = 1.03 mW/g

Ear/Tilt, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (6x6x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 24.7 V/m; Power Drift = 0.1 dB  
Peak SAR (extrapolated) = 1.33 W/kg  
**SAR(1 g) = 0.877 mW/g**  
Maximum value of SAR (measured) = 0.945 mW/g



# SAMSUNG FCC ID : A3LSGHP777 -- 835MHz GPRS850 Body SAR

**DUT: SGH-P777(Body); Serial: FB-063-E**

**Program Name: SGH-P777 GPRS850 Body (Job No.: FB-063)**

**Procedure Name: Body, Ch.190, Ant.Fixed, Bat.Standard**

**Procedure Notes: Meas.Tissue Temp(celsius)-21.4; Test Date-12/Oct/2004 [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;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(6.69, 6.69, 6.69); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

Maximum value of SAR (interpolated) = 1.21 mW/g

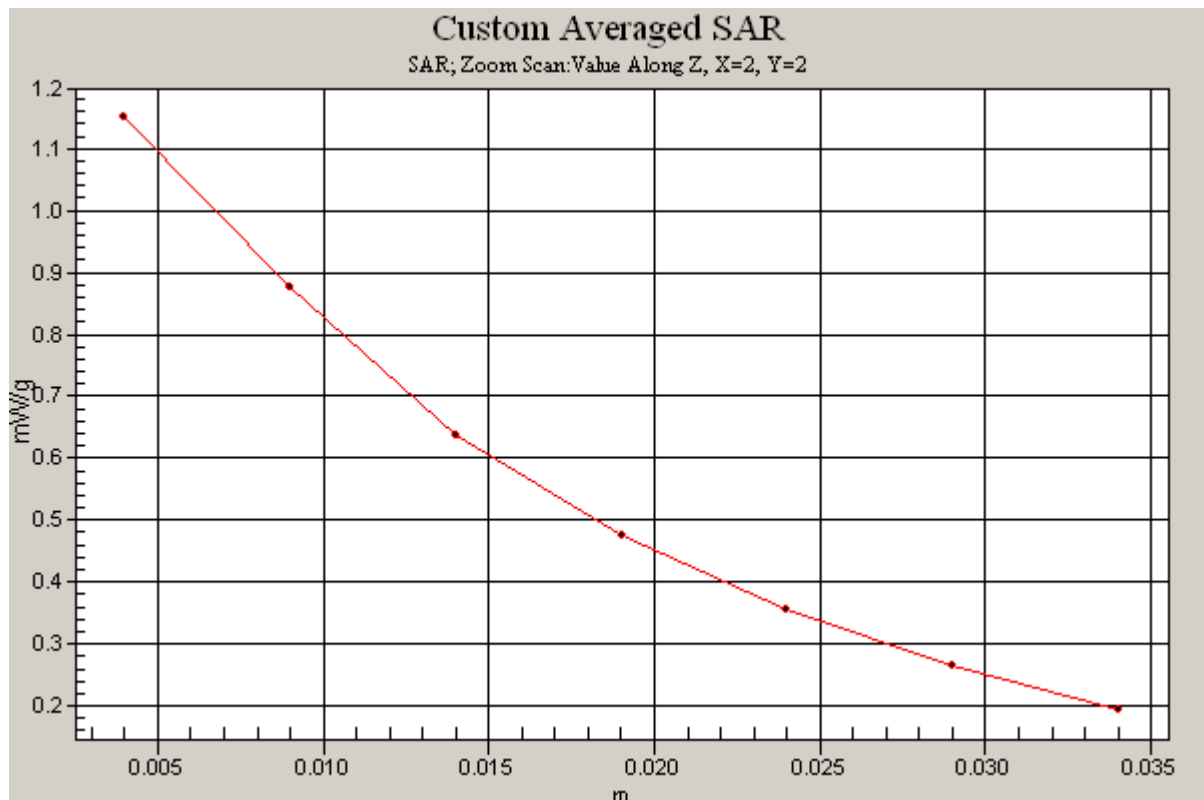
**Body, Ch.190, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 1.08 mW/g**

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





SAMSUNG FCC ID : A3LSGHP777 -- 1900MHz GPRS1900 Body SAR

DUT: SGH-P777(Body); Serial: FB-063-E  
Program Name: SGH-P777 GPRS1900 Body (Job No.: FB-063)  
Procedure Name: Body, Ch.512, Ant.Fixed, Bat.Standard  
Procedure Notes: Meas.Tissue Temp(celsius)-21.5; Test Date-13/Oct/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900 GPRS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.58 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1735; ConvF(4.62, 4.62, 4.62); Calibrated: 2004-09-24
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2004-09-23
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body, Ch.512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$   
Maximum value of SAR (interpolated) = 0.707 mW/g

Body, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 19.9 V/m; Power Drift = -0.1 dB  
Peak SAR (extrapolated) = 0.990 W/kg  
SAR(1 g) = 0.653 mW/g  
Maximum value of SAR (measured) = 0.702 mW/g

