

SAMSUNG FCC ID : A3LSGHD710 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D710 (Slide down); Serial: FB-060-A

Program Name: SGH-D710 GSM1900 Right (Slide Down, Job No.: FB-060)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-06/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: $\sigma = 1.39$; mho/m, $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (interpolated) = 0.205 mW/g

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

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

Reference Value = 10.6 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

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

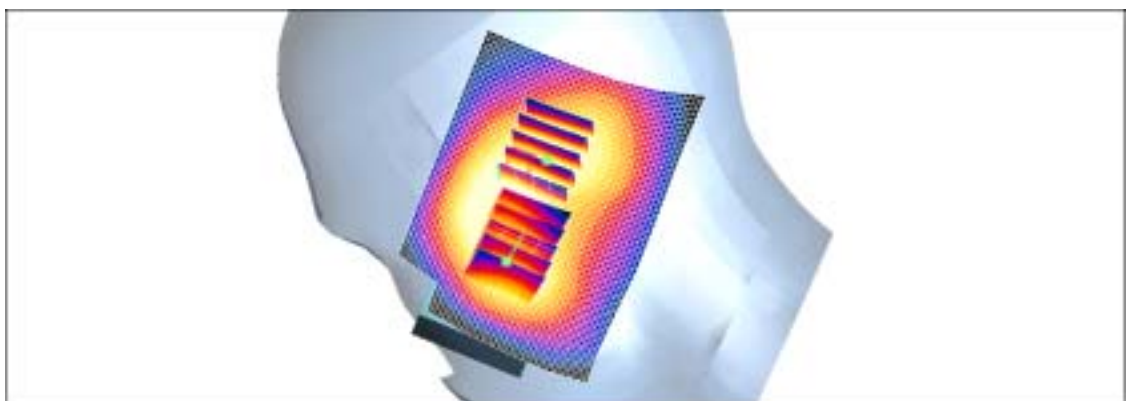
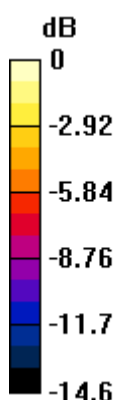
1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



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DUT: SGH-D710 (Slide down); Serial: FB-060-A

Program Name: SGH-D710 GSM1900 Right (Slide Down, Job No.: FB-060)

Procedure Name: Tilted, Ch.512, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-06/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: $\sigma = 1.39$; mho/m, $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (interpolated) = 0.234 mW/g

Tilted, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

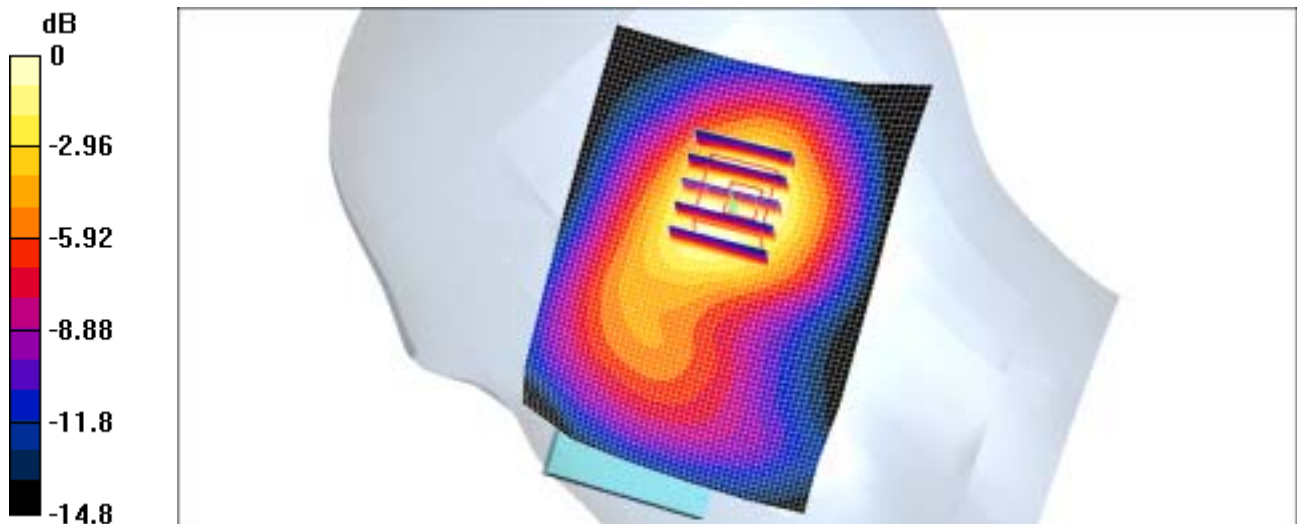
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

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Program Name: SGH-D710 GSM1900 Left (Slide Down, Job No.: FB-060)

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

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-06/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: $\sigma = 1.39$; mho/m, $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (interpolated) = 0.228 mW/g

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

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

Reference Value = 9.98 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.207 mW/g

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

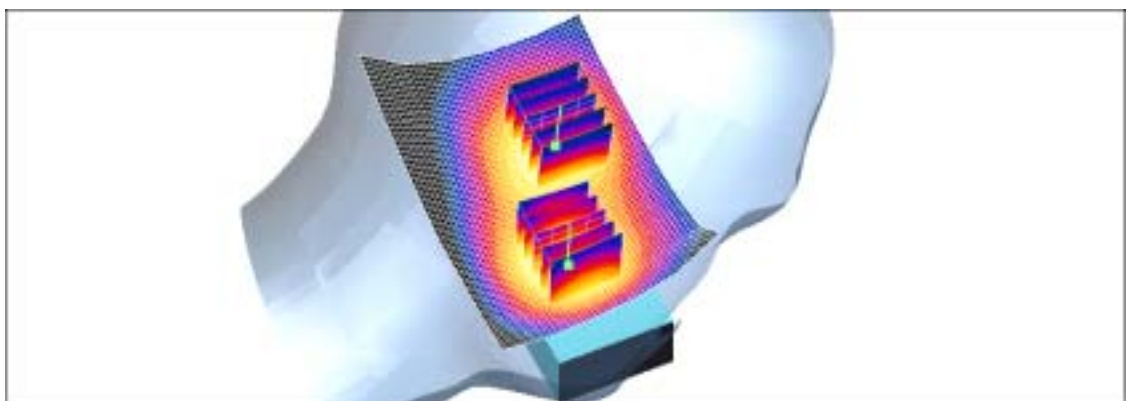
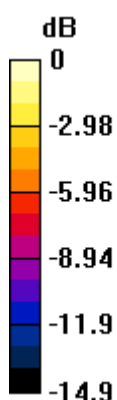
1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.98 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



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DUT: SGH-D710 (Slide down); Serial: FB-060-A

Program Name: SGH-D710 GSM1900 Left (Slide Down, Job No.: FB-060)

Procedure Name: Tilted, Ch.512, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-06/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: $\sigma = 1.39$; mho/m, $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (interpolated) = 0.248 mW/g

Tilted, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

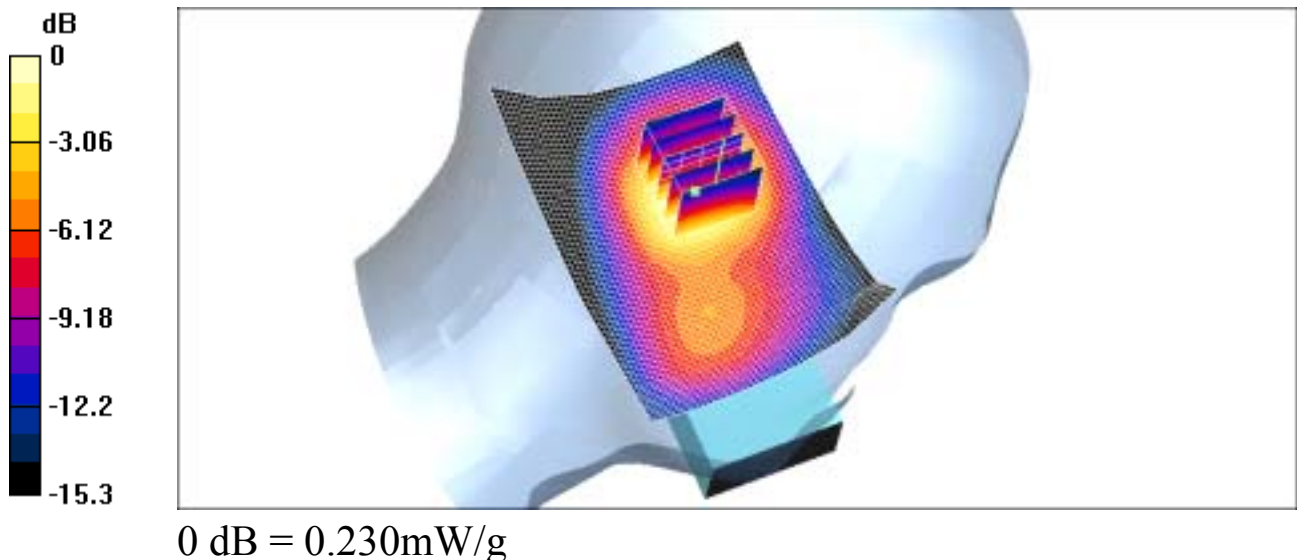
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



SAMSUNG FCC ID : A3LSGHD710 -- 1900 MHz GSM 1900 Body SAR

DUT: SGH-D710 (Slide down); Serial: FB-060-A

Program Name: SGH-D710 GSM1900 Body (Job No.: FB-060)

Procedure Name: Body, Ch.0512, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-08/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: $\sigma = 1.58$; mho/m, $\epsilon_r = 51.4775$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.0512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.211 mW/g

Body, Ch.0512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

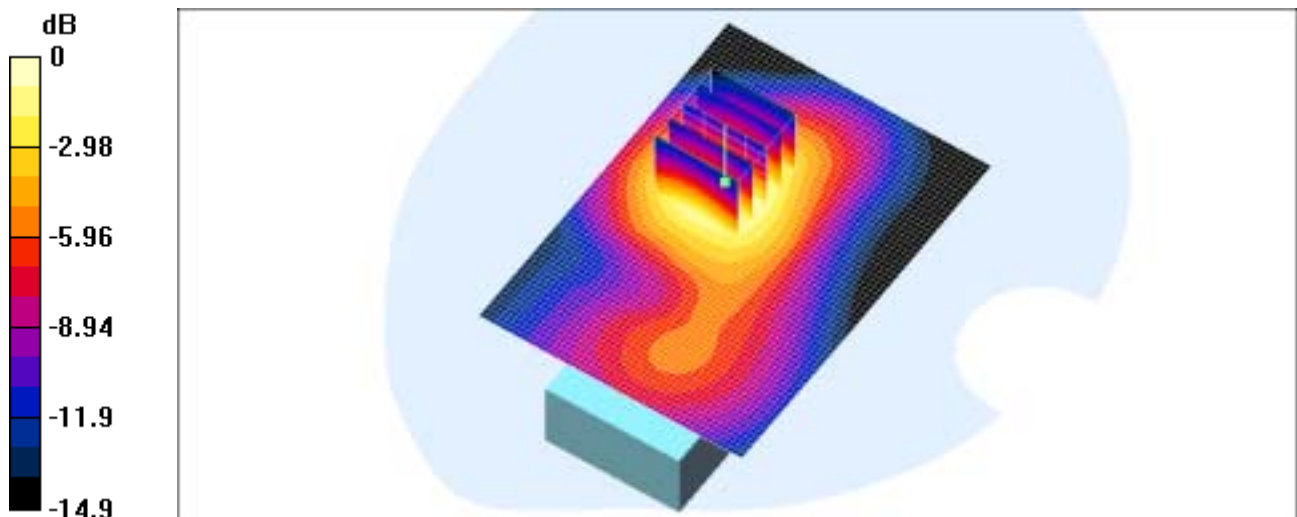
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.92 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.203mW/g

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Program Name: SGH-D710 GSM1900 Left (Slide Down, Job No.: FB-060)

Procedure Name: Tilted, Ch.512, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.8; Test Date-06/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: $\sigma = 1.39$; mho/m, $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (interpolated) = 0.248 mW/g

Tilted, Ch.512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

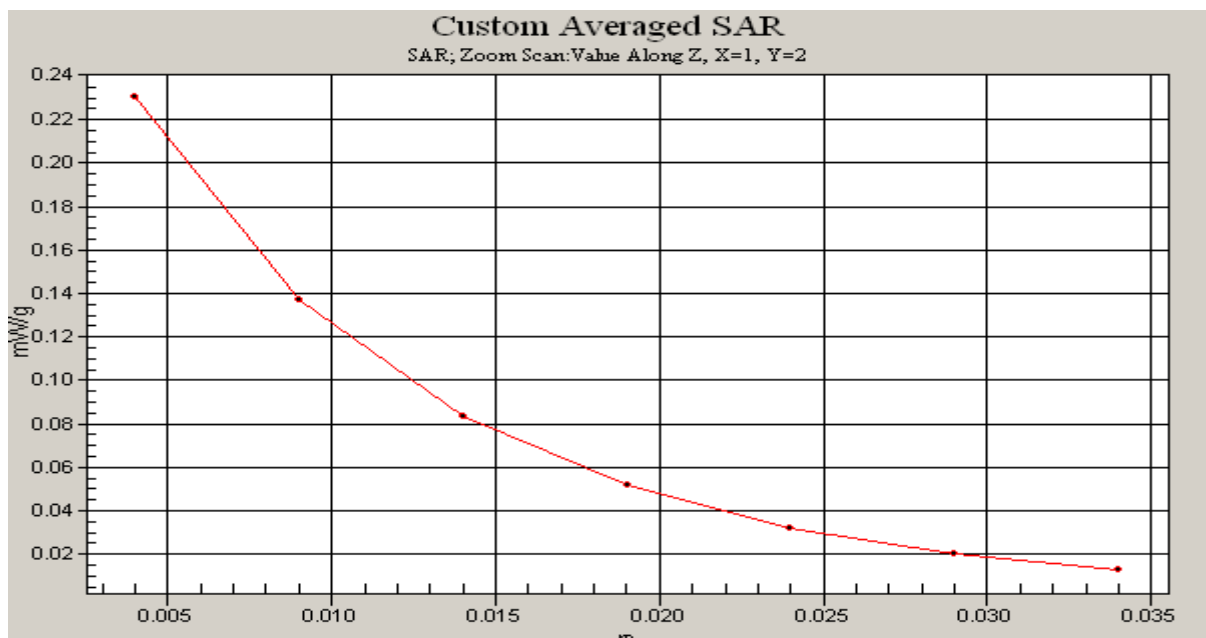
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



SAMSUNG FCC ID : A3LSGHD710 -- 1900 MHz GSM 1900 Body SAR

DUT: SGH-D710 (Slide down); Serial: FB-060-A

Program Name: SGH-D710 GSM1900 Body (Job No.: FB-060)

Procedure Name: Body, Ch.0512, Ant.Fixed, Bat.Standard

Procedure Notes: Meas.Tissue Temp(celsius)-21.7; Test Date-08/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: $\sigma = 1.58$; mho/m, $\epsilon_r = 51.4775$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.0512, Ant.Fixed, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.211 mW/g

Body, Ch.0512, Ant.Fixed, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 8.92 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.203 mW/g

