SAMSUMG FCC ID : A3LSGHD500 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D500(DOWN); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Right Slide Down(Job No.: FB-055)
Procedure Name: Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: σ = 1.41; mho/m, ε_r = 38.5726; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

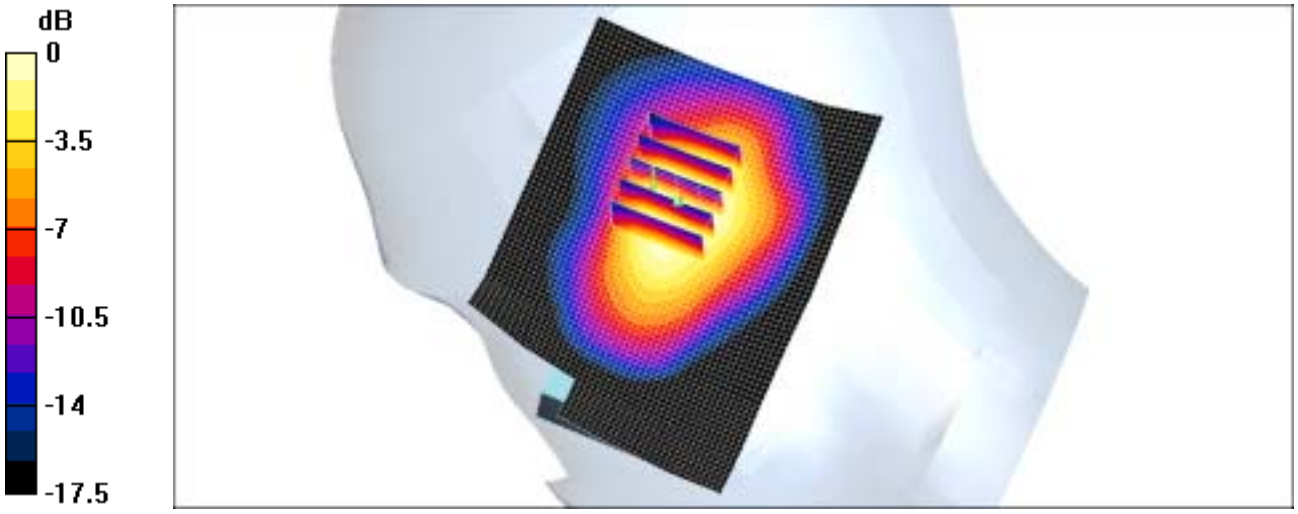
- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.9 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.881 mW/g
Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.942mW/g

SAMSUMG FCC ID : A3LSGHD500 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D500(DOWN); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Right Slide Down (Job No.: FB-055)
Procedure Name: Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: σ = 1.41; mho/m, ε_r = 38.5726; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

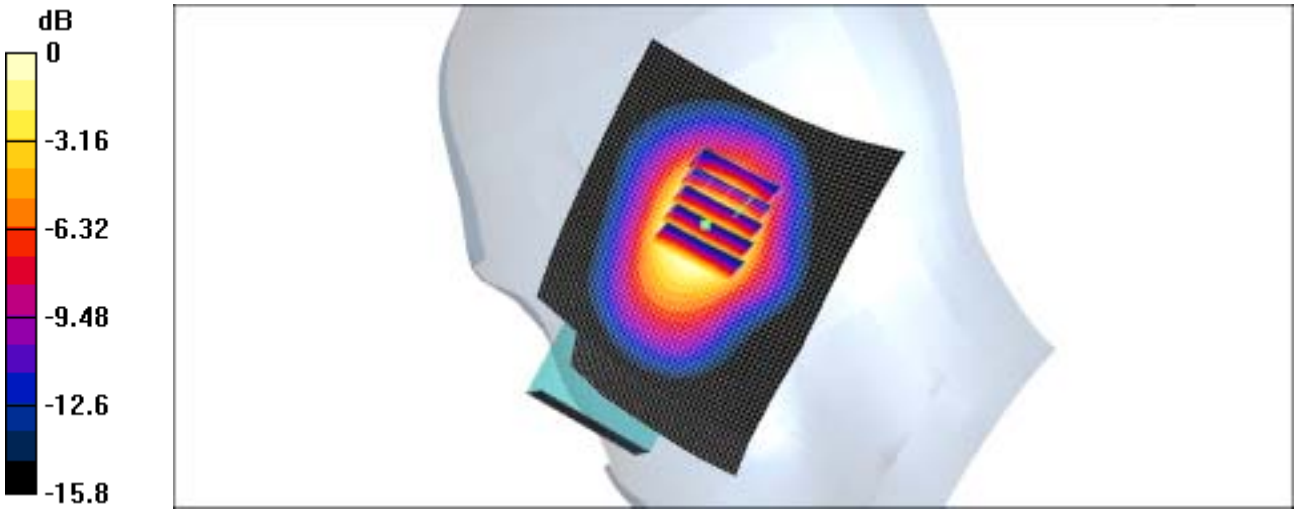
- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.655 mW/g
Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.705mW/g

SAMSUMG FCC ID : A3LSGHD500 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D500(DOWN); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Left (Job No.: FB-055)
Procedure Name: Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: σ = 1.41; mho/m, ε_r = 38.5726; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

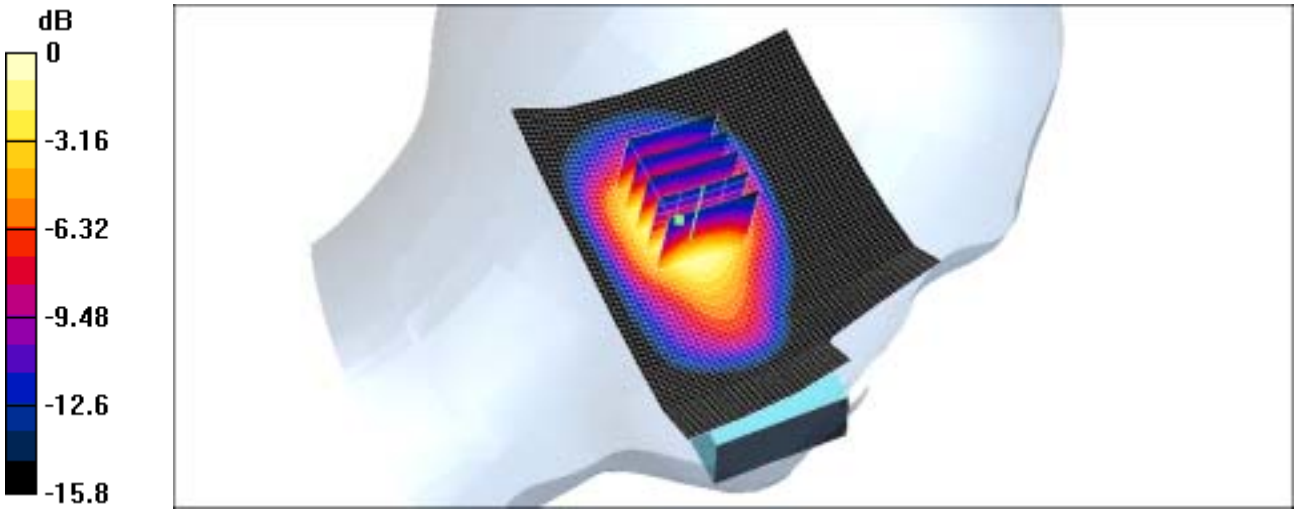
- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.920 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

SAMSUMG FCC ID : A3LSGHD500 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D500(DOWN); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Left (Job No.: FB-055)
Procedure Name: Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: σ = 1.41; mho/m, ε_r = 38.5726; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

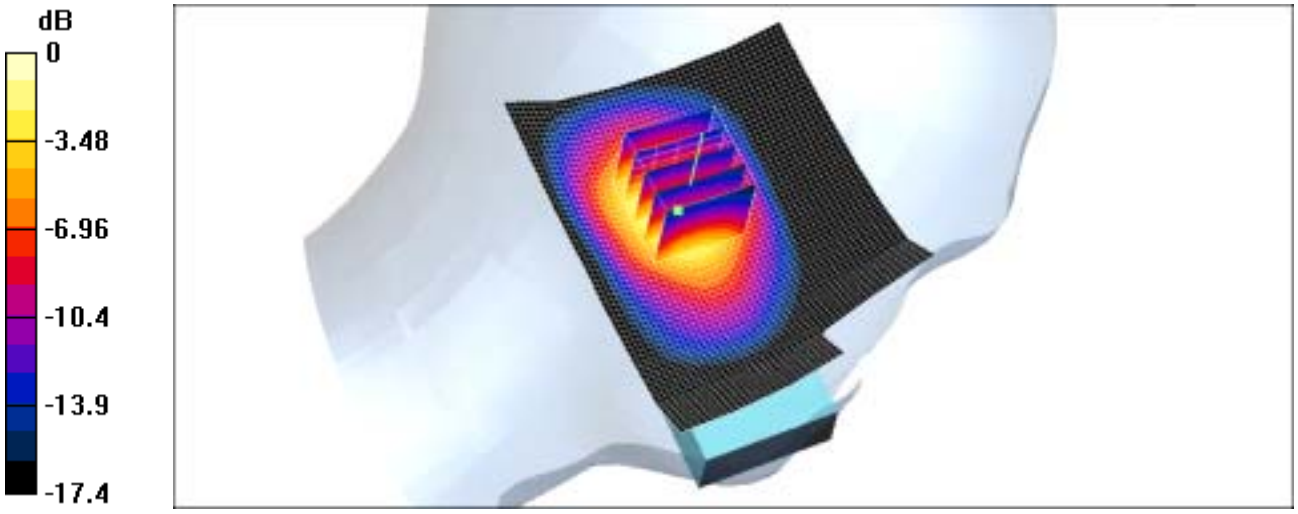
- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ear/Tilt, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.817 mW/g
Maximum value of SAR (measured) = 0.935 mW/g



0 dB = 0.935mW/g

SAMSUNG FCC ID : A3LSGHD500 -- 1900 MHz GPRS 1900 Body SAR

DUT: SGH-D500(Body); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Body (Slide Down, Job No.: FB-055)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.6; Test Date-26/Sep/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; σ = 1.58 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

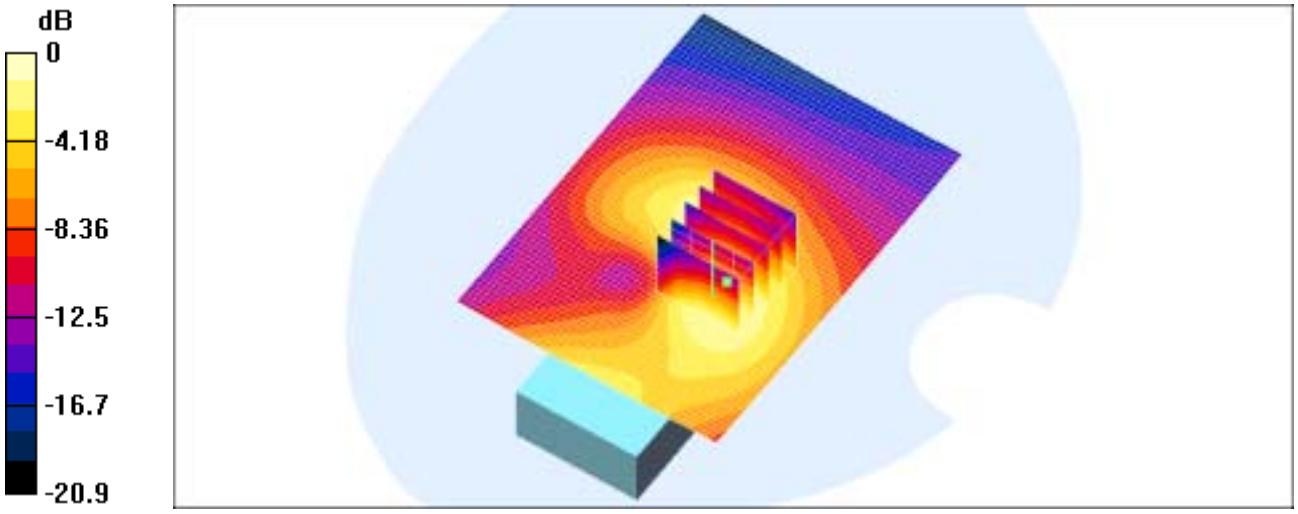
- Probe: ET3DV6 - SN1734; ConvF(4.69, 4.69, 4.69); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800MHz with CRP; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

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

Maximum value of SAR (interpolated) = 0.126 mW/g

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

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.45 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.146mW/g

SAMSUNG FCC ID : A3LSGHD500
-- 1900 MHz GPRS 1900 with Bluetooth Body SAR

DUT: SGH-D500(Body); Serial: FB-055-C
Program Name: SGH-D500 GSM1900 Body With Bluetooth (Slide Down, Job No.: FB-055)
Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.6; Test Date-26/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

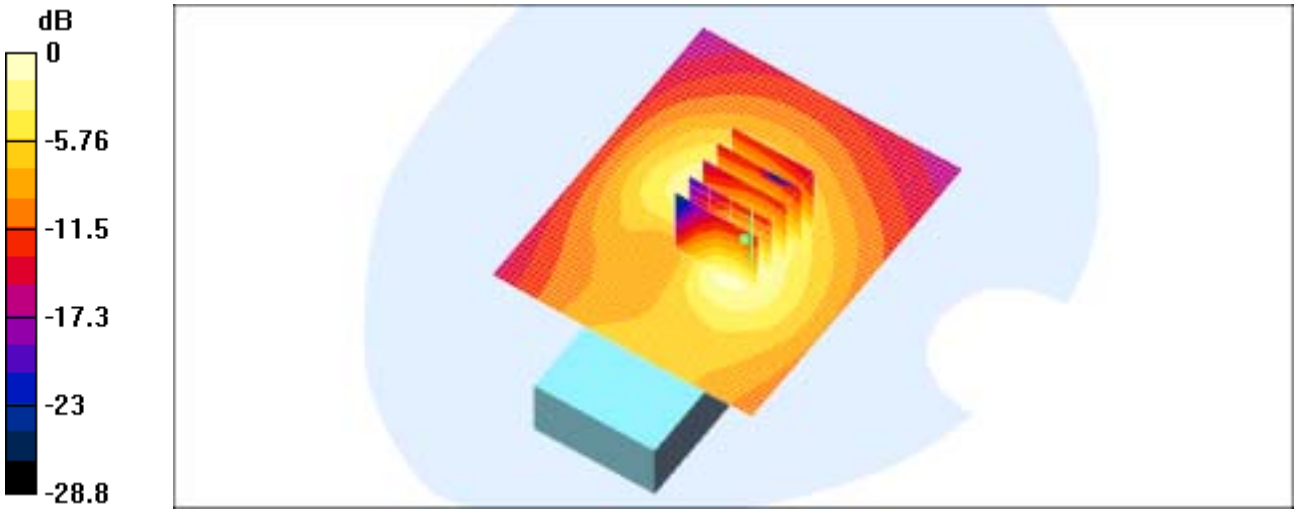
Communication System: GSM1900 GPRS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 1800MHz with CRP; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x61x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

SAMSUMG FCC ID : A3LSGHD500 -- 1900 MHz GSM1900 Head SAR

DUT: SGH-D500(DOWN); Serial: FB-055-C

Program Name: SGH-D500 GSM1900 Left (Job No.: FB-055)
Procedure Name: Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2; Test Date-21/Sep/2004 [OET Bulletin 65-Supplement C, July 2001]

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: σ = 1.41; mho/m, ε_r = 38.5726; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

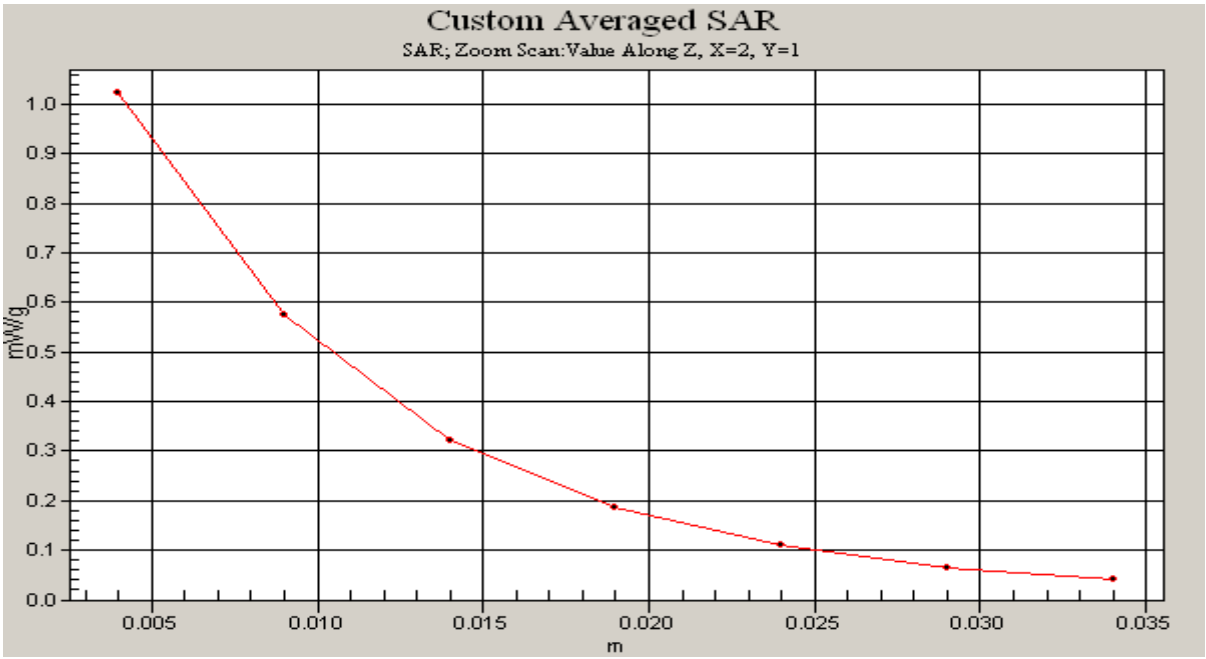
- Probe: ET3DV6 - SN1734; ConvF(5.28, 5.28, 5.28); Calibrated: 2004-02-02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn533; Calibrated: 2003-12-16
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing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

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1):

Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Cheek/Touch, Ch.0512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.920 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



SAMSUNG FCC ID : A3LSGHD500
-- 1900 MHz GPRS 1900 with Bluetooth Body SAR

DUT: SGH-D500(Body); Serial: FB-055-C
Program Name: SGH-D500 GSM1900 Body With Bluetooth (Slide Down, Job No.: FB-055)
Procedure Name: Body, Ch.810, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.6; Test Date-26/Sep/2004 [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; σ = 1.58 mho/m; ε_r = 51; ρ = 1000 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 1800MHz with CRP; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Body, Ch.810, Ant.Intenna, Bat.Standard/Area Scan (51x61x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Body, Ch.810, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.232 mW/g