

SAMSUNG FCC ID : A3LSPHM510 CDMA HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 CDMA Right (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.777, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.9 Tissue Temp(celsius)-21.6; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
 $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.821 mW/g

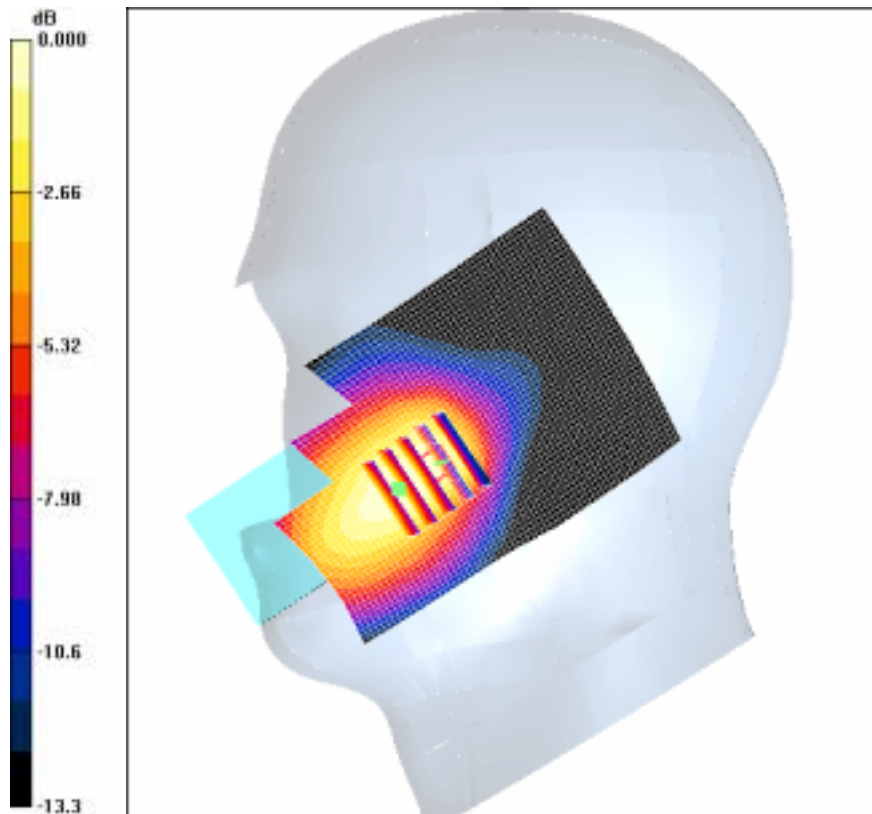
Cheek/Touch, Ch.777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.5 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.732 mW/g

Maximum value of SAR (measured) = 0.794 mW/g



0 dB = 0.794mW/g

SAMSUNG FCC ID : A3LSPHM510 CDMA HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 CDMA Right (Job No. : FD-200)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.9 Tissue Temp(celsius)-21.6; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.092 mW/g

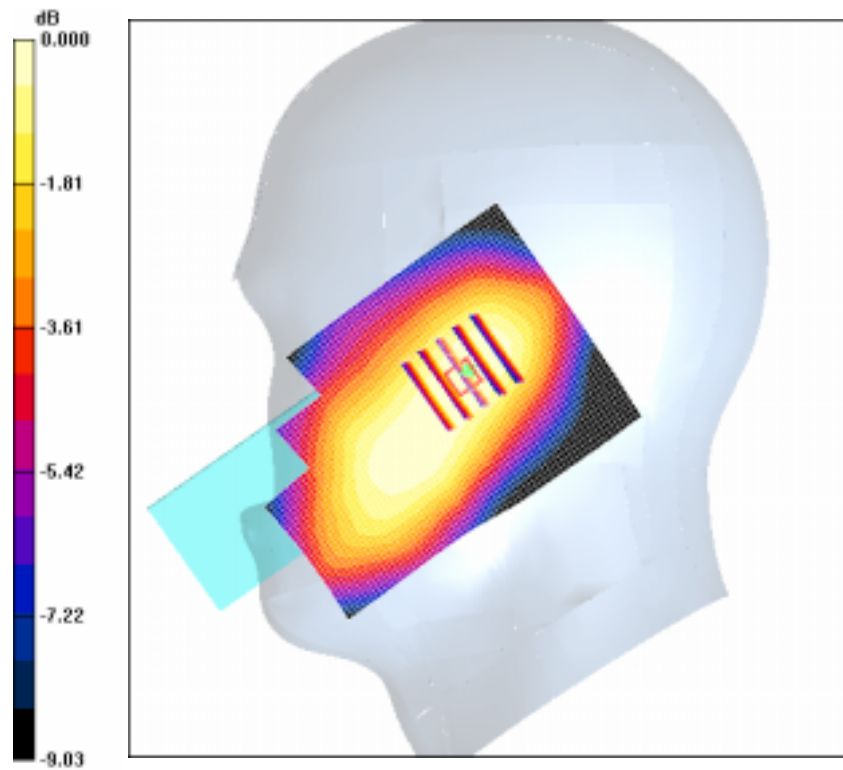
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.43 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

SAMSUNG FCC ID : A3LSPHM510 CDMA HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 CDMA Left (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.9 Tissue Temp(celsius)-21.6; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
 $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.607 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

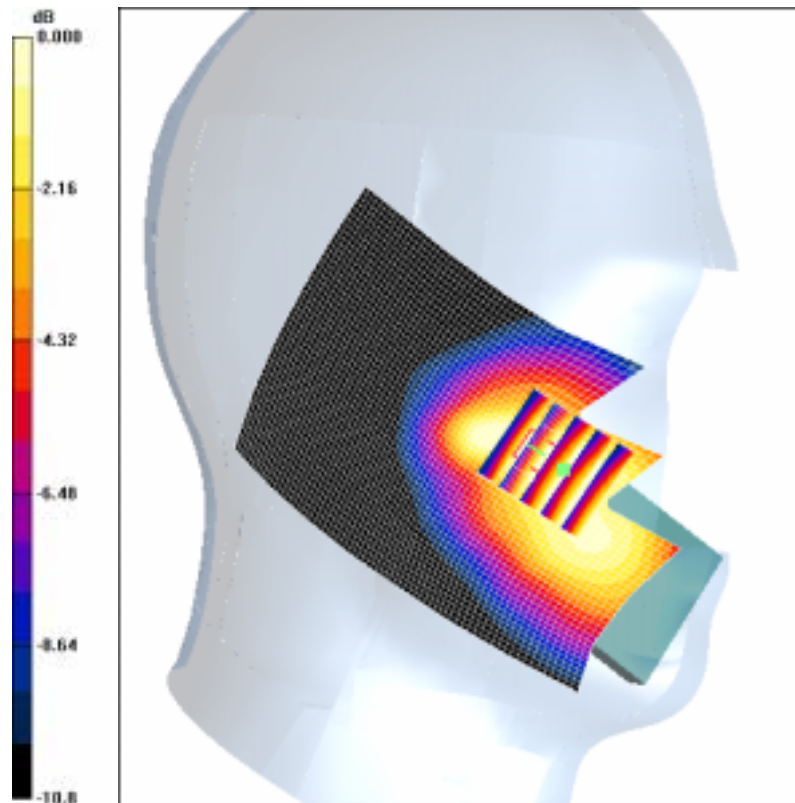
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

SAMSUNG FCC ID : A3LSPHM510 CDMA HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 CDMA Left (Job No. : FD-200)

Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.9 Tissue Temp(celsius)-21.6; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.105 mW/g

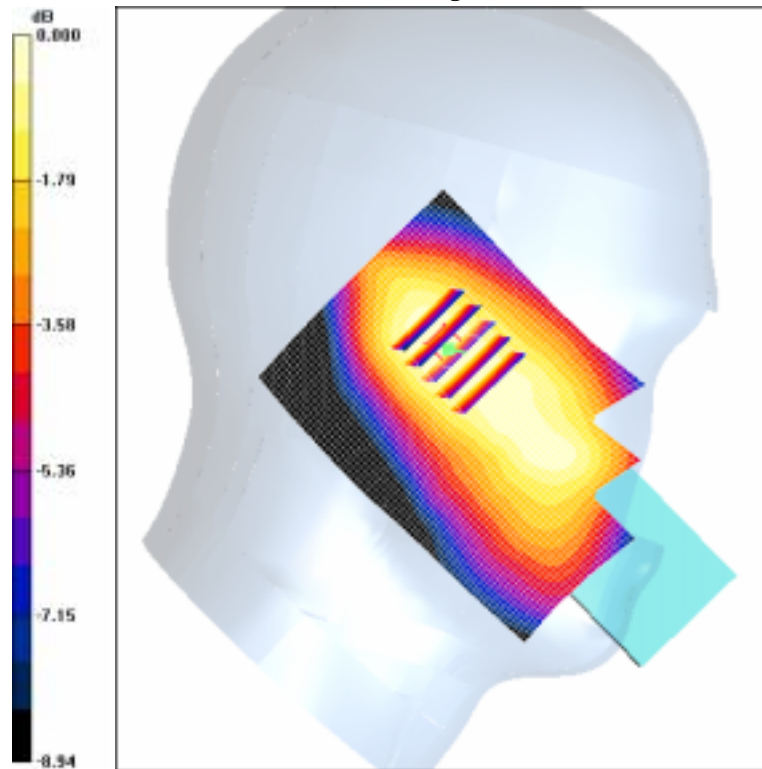
Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102mW/g

SAMSUNG FCC ID : A3LSPHM510 CDMA HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 CDMA Right (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.777, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.9 Tissue Temp(celsius)-21.6; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.59, 6.59, 6.59); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
 $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.821 mW/g

Cheek/Touch, Ch.777, Intenna, Bat. Standard/Zoom Scan 3 2 2 (5x5x7)/Cube 0:

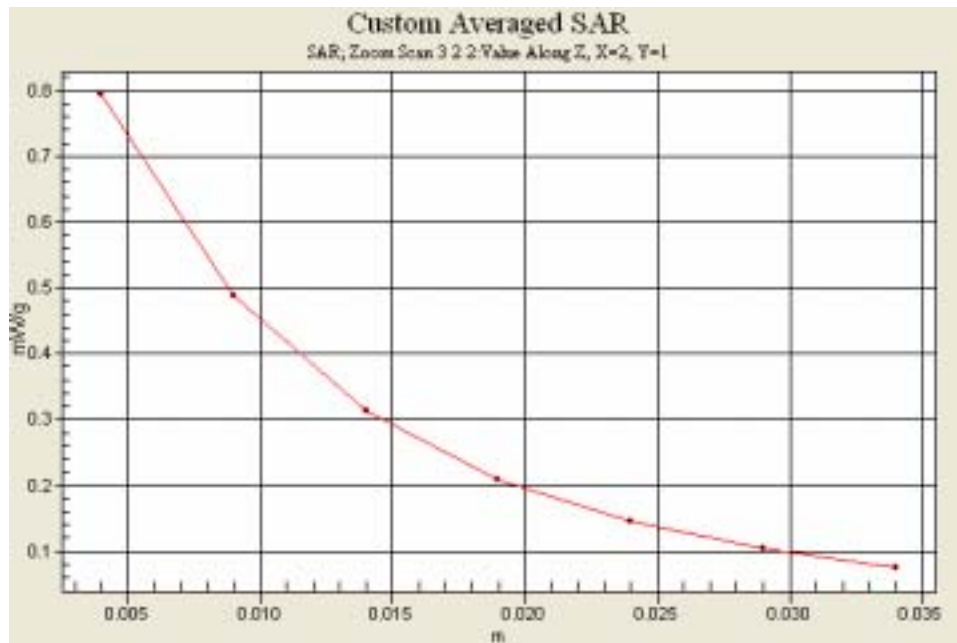
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.5 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.732 mW/g

Maximum value of SAR (measured) = 0.794 mW/g



SAMSUNG FCC ID : A3LSPHM510 CDMA BODY SAR

DUT: SPH-M510(Body); Serial: FD-200-G

Program Name: SPH-M510 CDMA Body (Job No. : FD-200)

Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.8; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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. 0384, 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) = 0.748 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

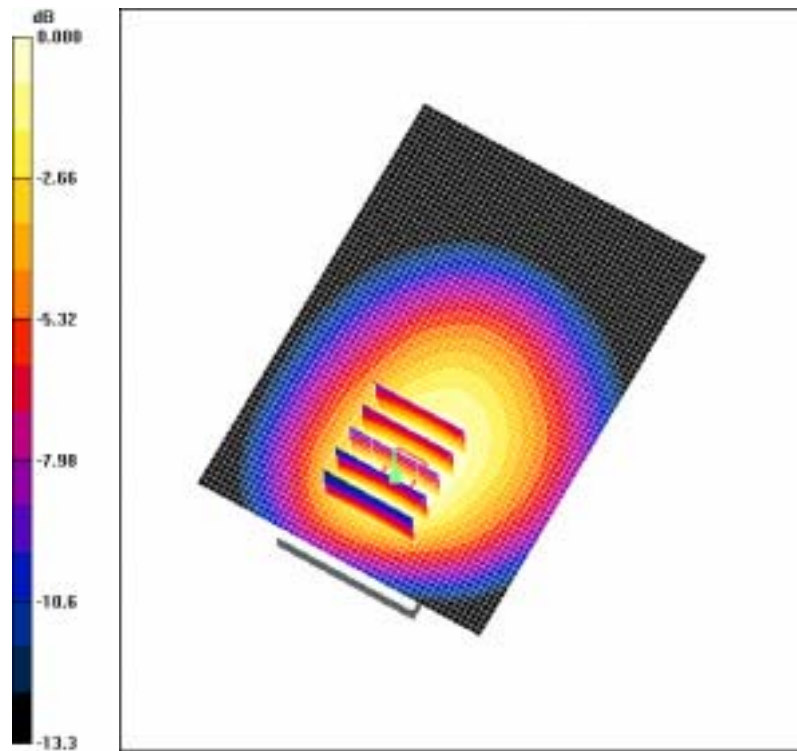
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.7 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.664 mW/g

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



0 dB = 0.704mW/g

SAMSUNG FCC ID : A3LSPHM510 CDMA BODY SAR

DUT: SPH-M510(Body); Serial: FD-200-G

Program Name: SPH-M510 CDMA Body (Job No. : FD-200)

Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.8; Test Date-17/Nov/2006

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(6.41, 6.41, 6.41); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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. 0384, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.748 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 13.7 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.664 mW/g

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



SAMSUNG FCC ID : A3LSPHM510 PCS HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 PCS Right (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.9; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.1175, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.33 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

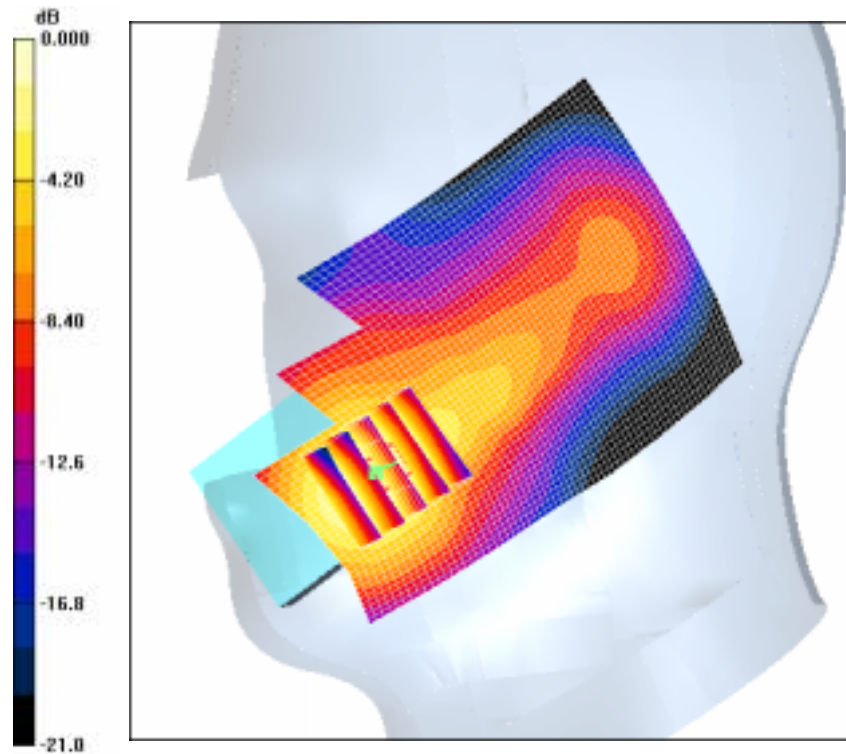
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.7 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.26 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

SAMSUNG FCC ID : A3LSPHM510 PCS HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 PCS Right (Job No. : FD-200)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.9; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.339 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

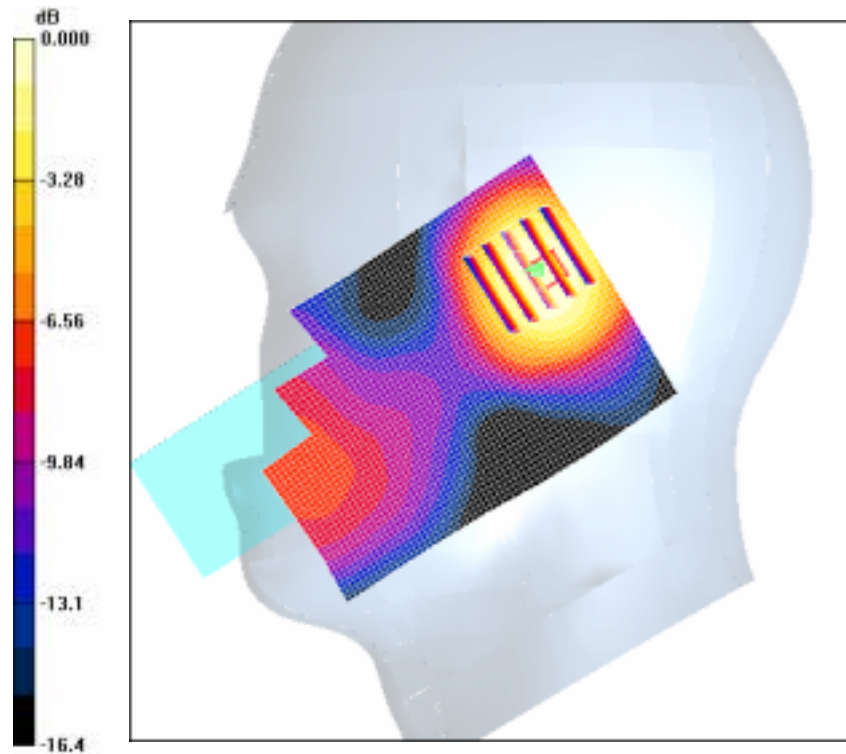
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.333mW/g

SAMSUNG FCC ID : A3LSPHM510 PCS HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SH-M510 PCS Left (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.0600, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.9; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.907 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

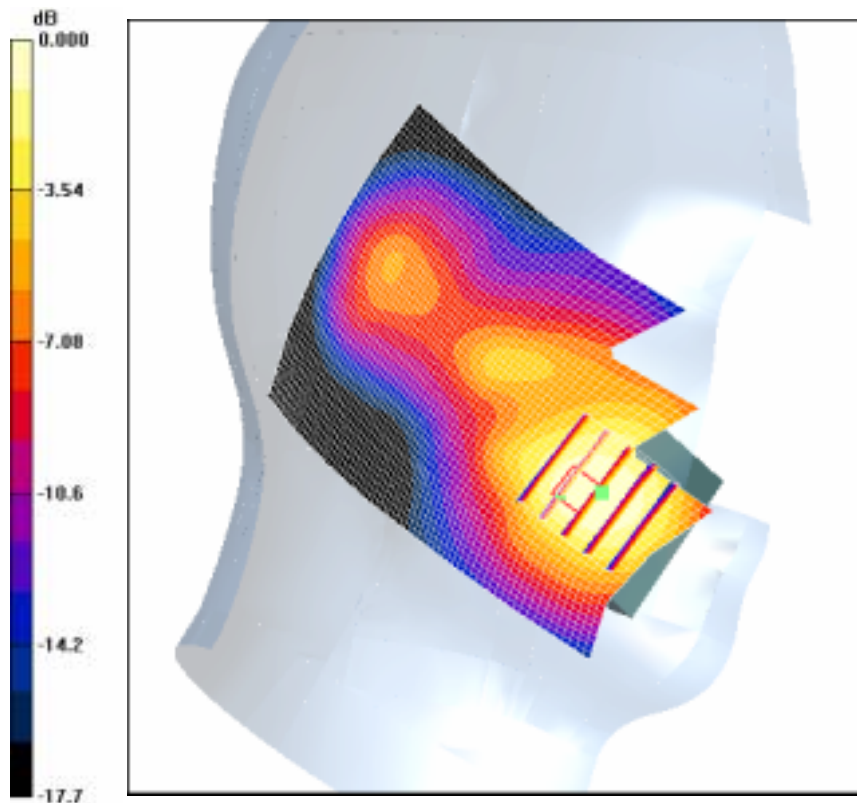
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.779 mW/g

Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.819mW/g

SAMSUNG FCC ID : A3LSPHM510 PCS HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SH-M510 PCS Left (Job No. : FD-200)

Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.9; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.452 mW/g

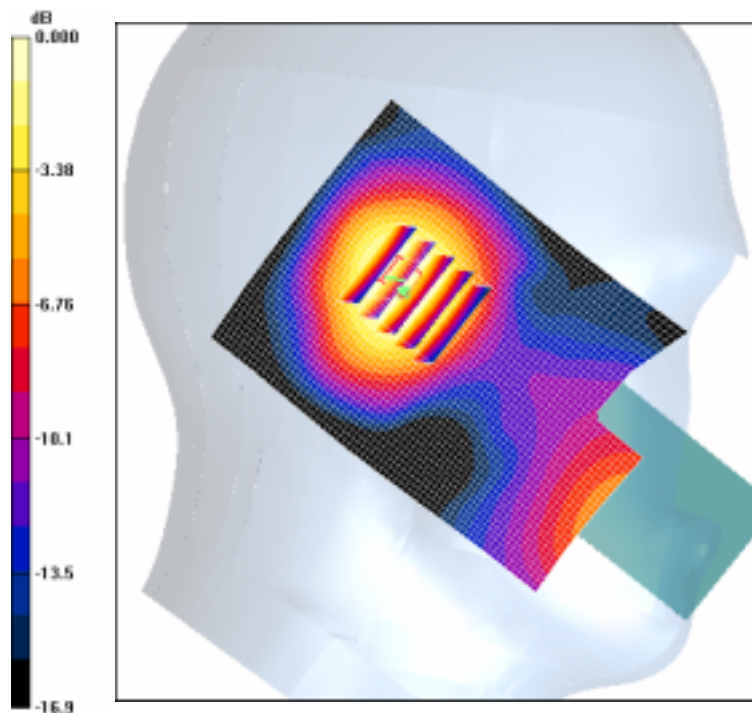
Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.5 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



0 dB = 0.348mW/g

SAMSUNG FCC ID : A3LSPHM510 PCS HEAD SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 PCS Right (Job No. : FD-200)

Procedure Name: Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.9; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(5.26, 5.26, 5.26); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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.1175, Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.33 mW/g

Cheek/Touch, Ch.1175, Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

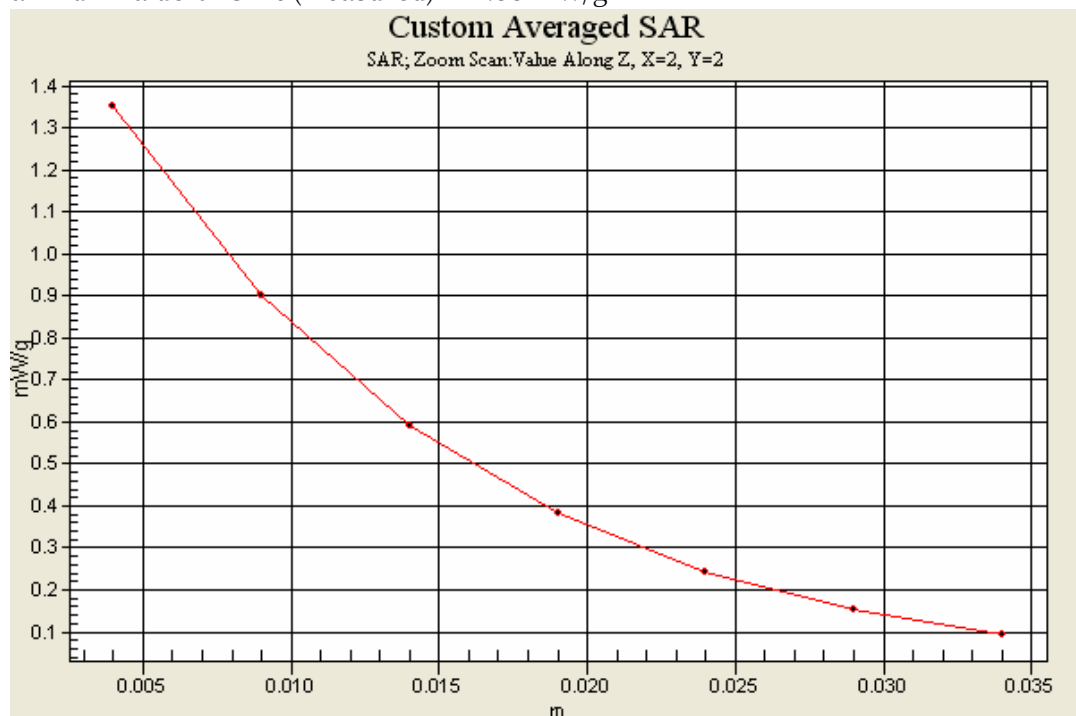
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.26 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



SAMSUNG FCC ID : A3LSPHM510 PCS BODY SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 PCS Body (Job No. : FD-200)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.8; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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. 0025, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.450 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

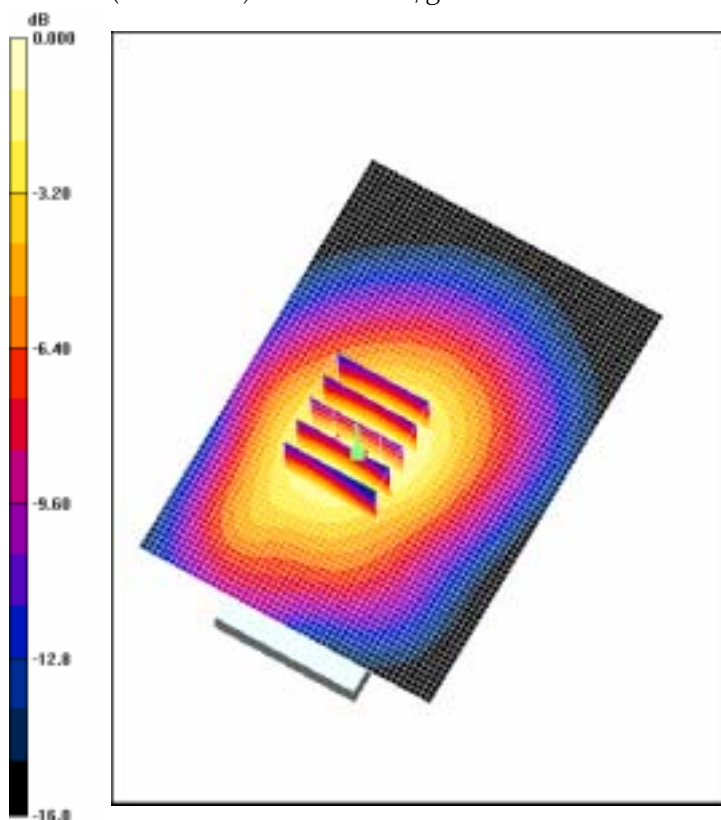
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.450 mW/g



0 dB = 0.450mW/g

SAMSUNG FCC ID : A3LSPHM510 PCS BODY SAR

DUT: SPH-M510; Serial: FD-200-G

Program Name: SPH-M510 PCS Body (Job No. : FD-200)

Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.8; Test Date-16/Nov/2006

Communication System: PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1551; ConvF(4.52, 4.52, 4.52); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn670; Calibrated: 2006-03-21
- 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. 0025, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.450 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.0 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.450 mW/g

