

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 CDMA Right (Job No. : FD-241)

Procedure Name: Cheek/Touch, Ch.1013, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.8 Tissue Temp(celsius)-21.6; Test Date-15/Dec/2006

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ 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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 7.88 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 1.43 W/kg

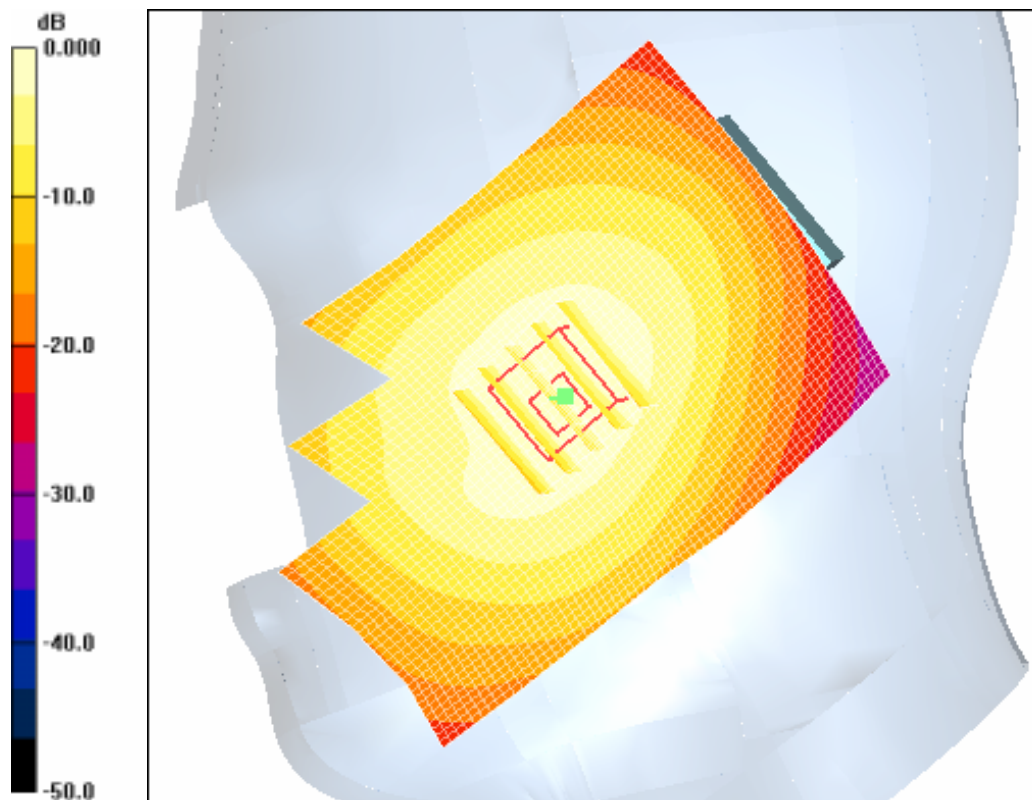
SAR(1 g) = 0.962 mW/g

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

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g



0 dB = 1.04mW/g

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 CDMA Right (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-21.8 Tissue Temp(celsius)-21.6; Test Date-15/Dec/2006

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- 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) = 0.413 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement

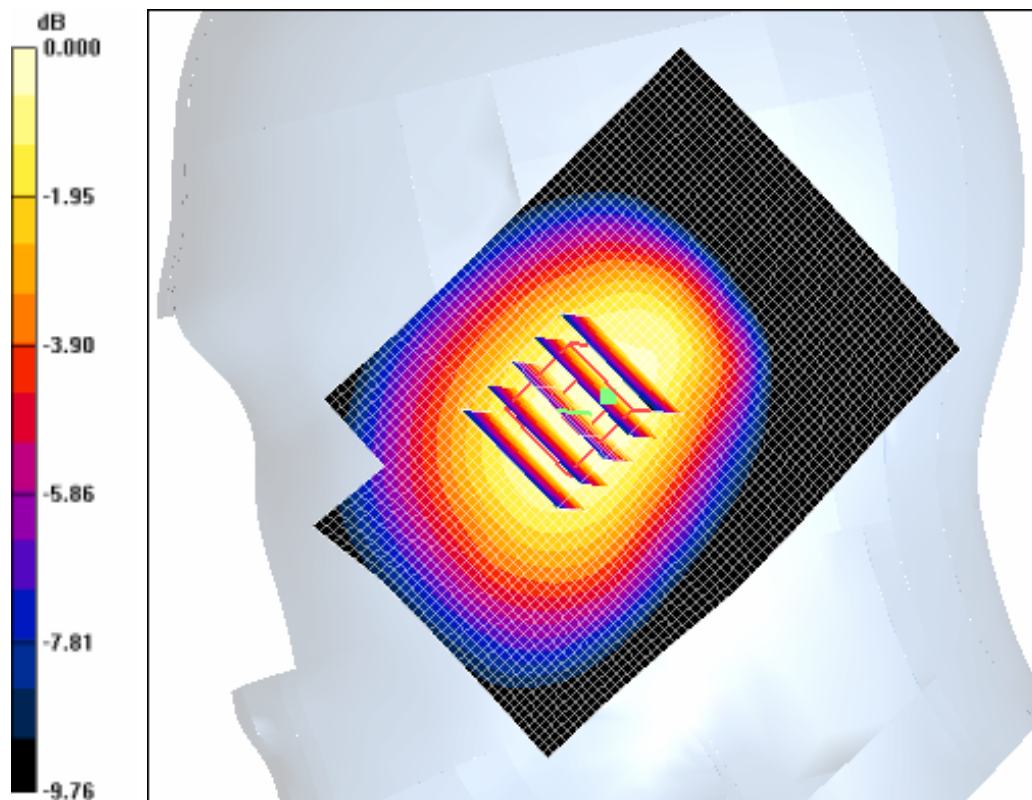
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.8 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



0 dB = 0.394mW/g

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 CDMA Left (Job No. : FD-241)

Procedure Name: Cheek/Touch, Ch.1013, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.8 Tissue Temp(celsius)-21.6; Test Date-15/Dec/2006

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ 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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 36.3 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 1.43 W/kg

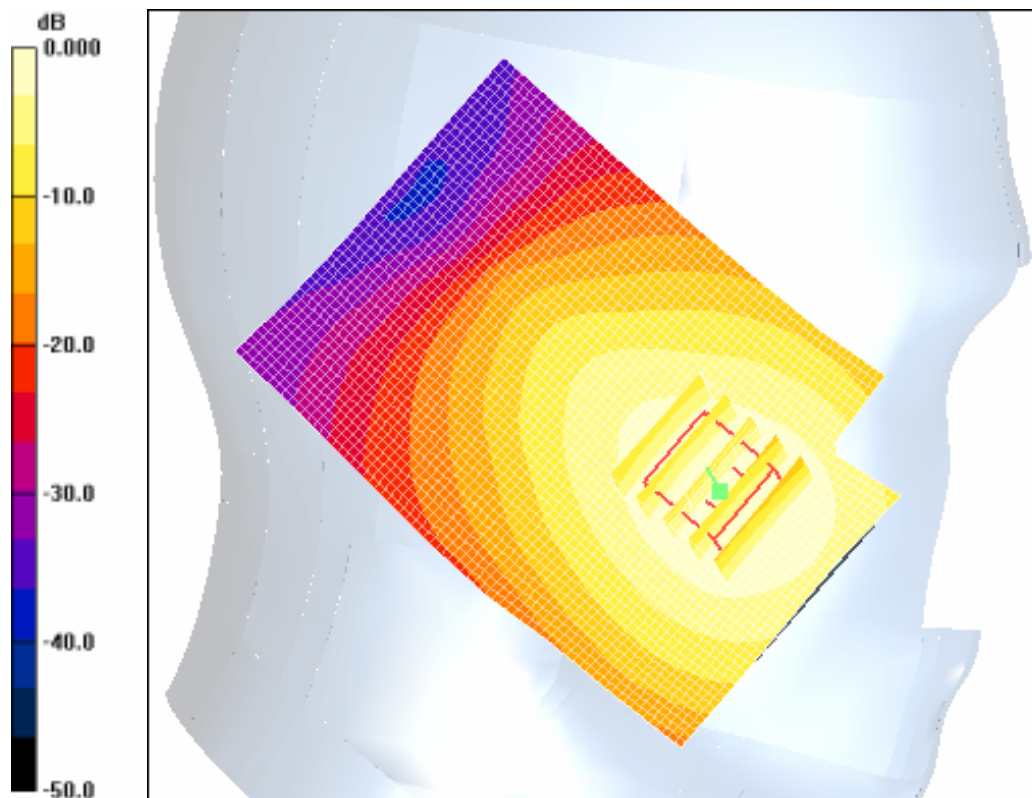
SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g



0 dB = 1.19mW/g

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 CDMA Left (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-21.8 Tissue Temp(celsius)-21.6; Test Date-15/Dec/2006

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

Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$

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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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 = 19.8 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.571 W/kg

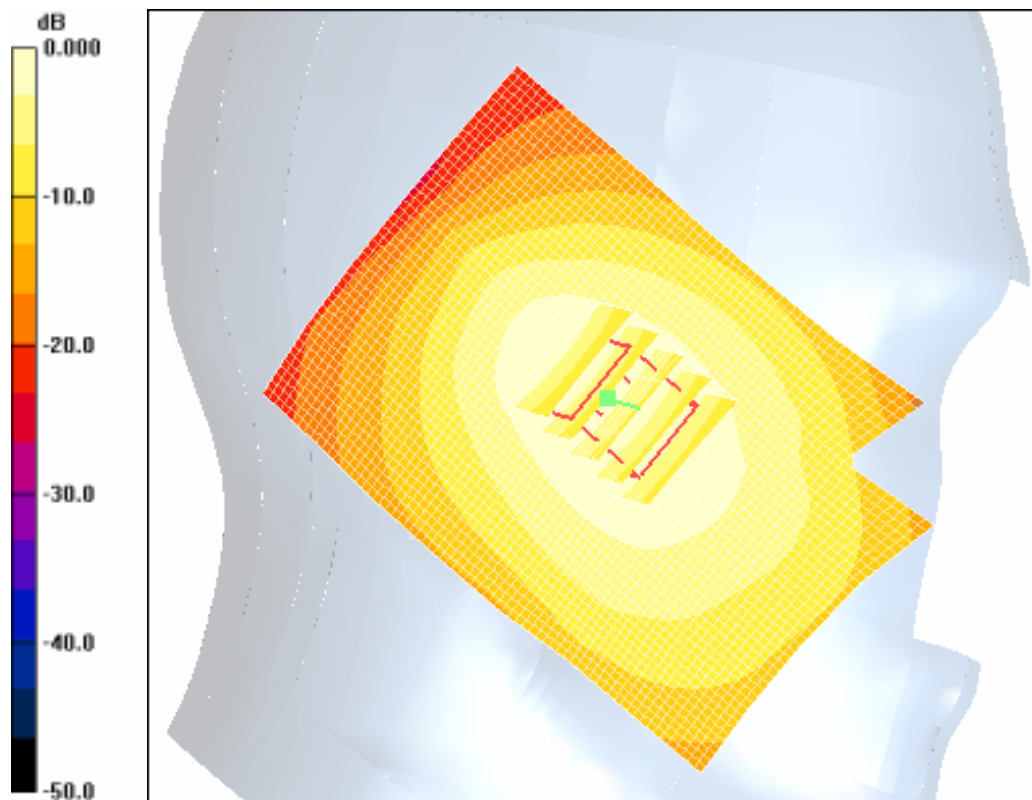
SAR(1 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.462 mW/g

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) = 0.511 mW/g



0 dB = 0.511mW/g

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 CDMA Left (Job No. : FD-241)

Procedure Name: Cheek/Touch, Ch.1013, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-21.8 Tissue Temp(celsius)-21.6; Test Date-15/Dec/2006

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ 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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 36.3 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.06 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

Cheek/Touch, Ch.1013, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g



SAMSUNG FCC ID : A3LSPHM620 - - CDMA Body SAR

DUT: SPH-M620(Body); Serial: FD-241-B

Program Name: SPH-M620 CDMA Body (Job No. : FD-241)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.0 Tissue Temp(celsius)-21.8; Test Date-15/Dec/2006

Communication System: CDMA; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1013, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

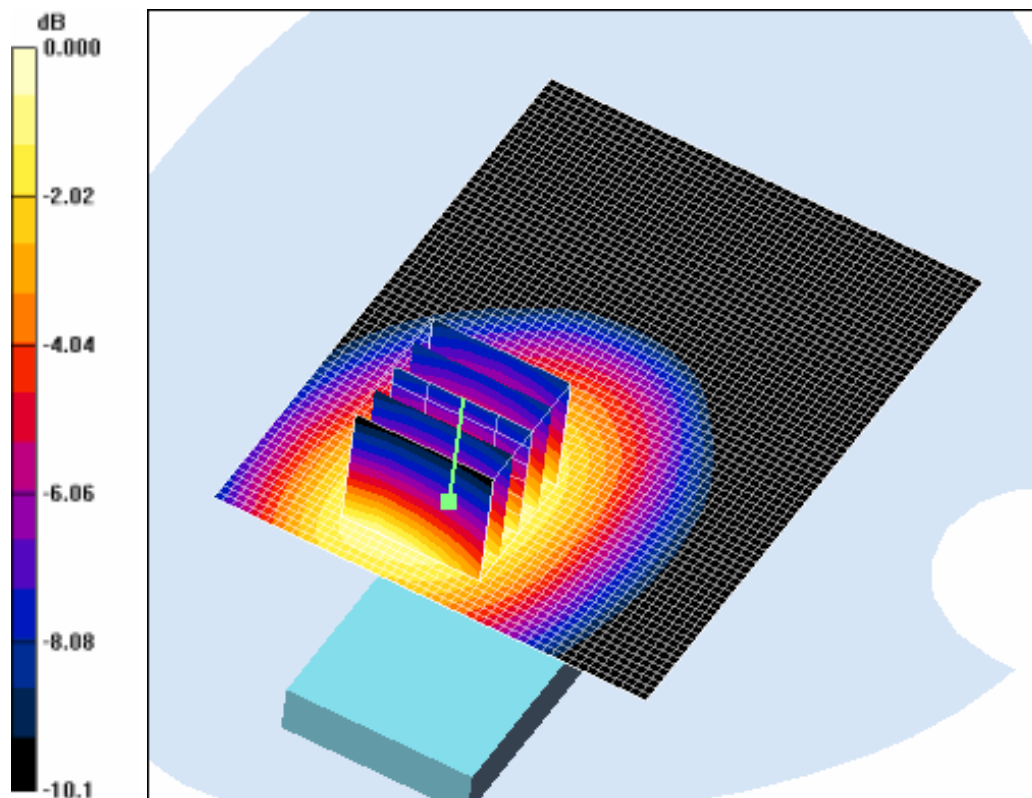
Body, Ch. 1013, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.734 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



0 dB = 0.770mW/g

SAMSUNG FCC ID : A3LSPHM620 -- CDMA Body SAR

DUT: SPH-M620(Body); Serial: FD-241-B

Program Name: SPH-M620 CDMA Body (Job No. : FD-241)

Procedure Name: Body, Ch. 1013, Ant. Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.0 Tissue Temp(celsius)-21.8; Test Date-15/Dec/2006

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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 Sn468; Calibrated: 2006-01-27
- Phantom: PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 1013, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

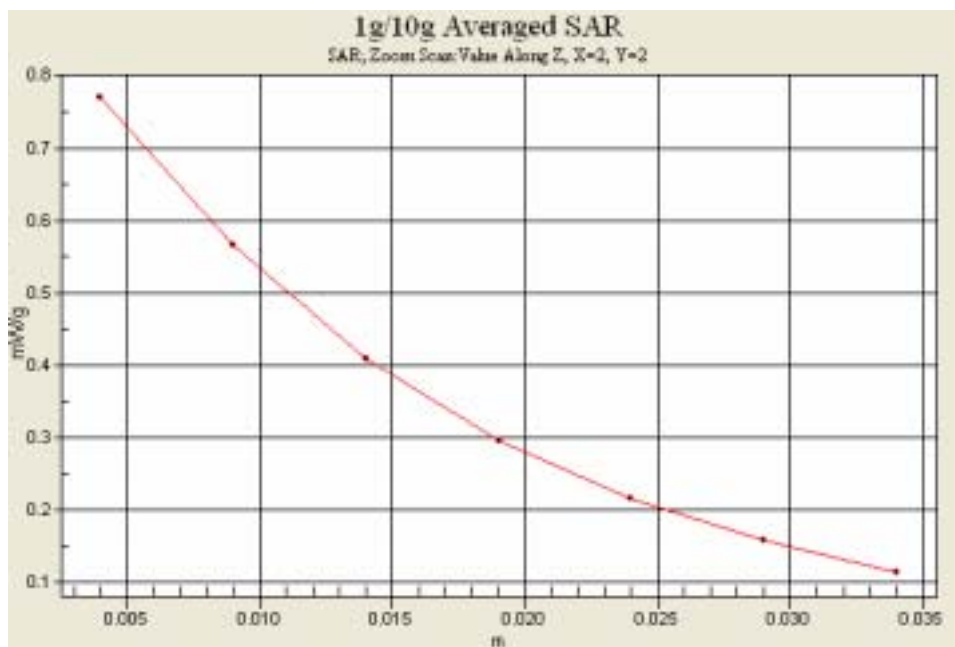
Body, Ch. 1013, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.734 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



SAMSUNG FCC ID : A3LSPHM620 -- PCS Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Right (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.7; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 30.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.24 W/kg

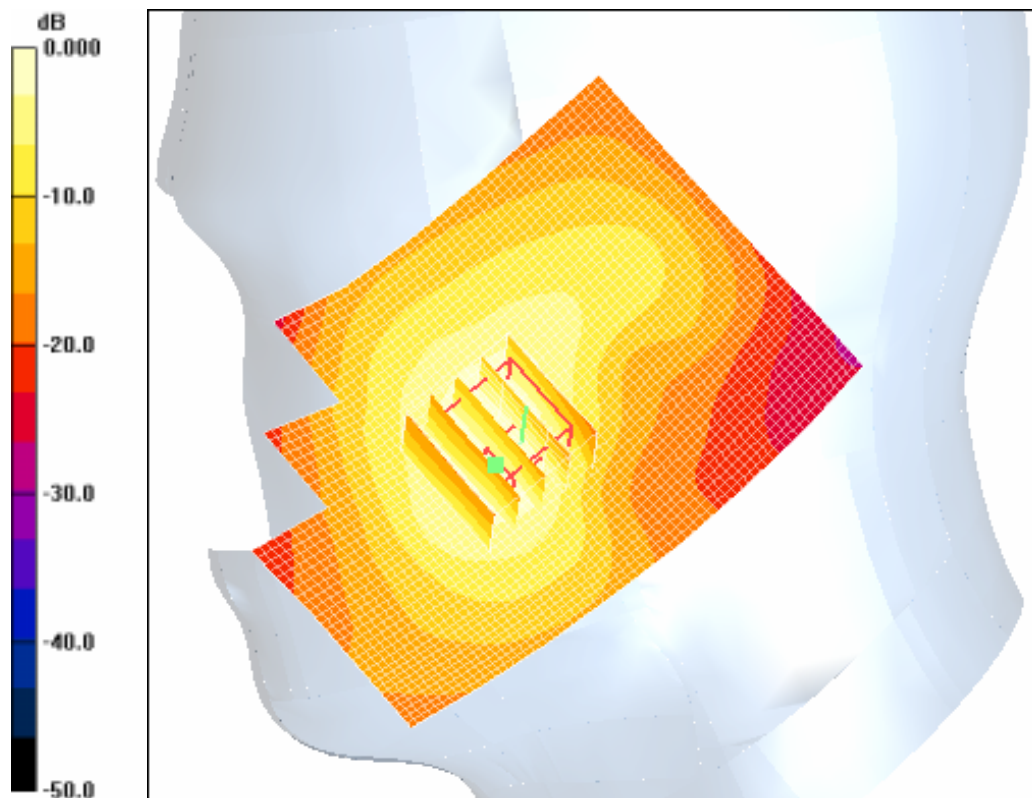
SAR(1 g) = 1.4 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard with BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.66 mW/g



0 dB = 1.66mW/g

SAMSUNG FCC ID : A3LSPHM620 -- PCS Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Right (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.7; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Reference Value = 12.0 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.463 W/kg

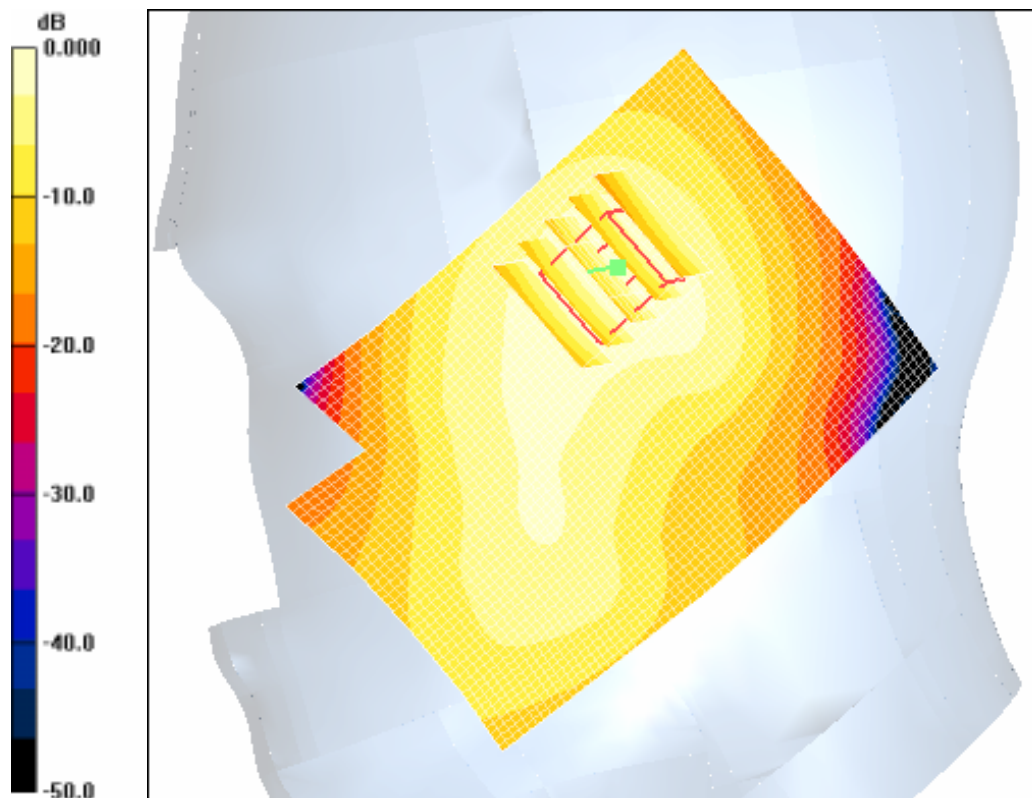
SAR(1 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.335 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:

dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.364 mW/g



0 dB = 0.364mW/g

SAMSUNG FCC ID : A3LSPHM620 -- PCS Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Left (Job No. : FD-241)

Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.7; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid:
dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.49 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:

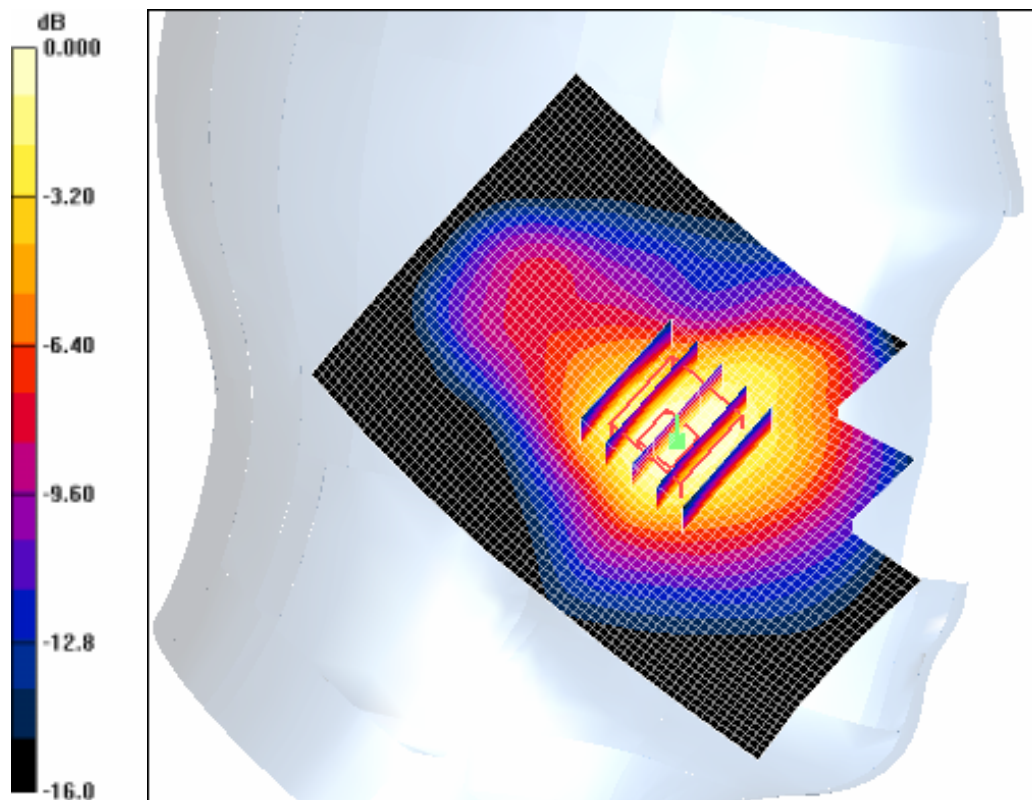
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.1 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.31 mW/g

Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41mW/g

SAMSUNG FCC ID : A3LSPHM620 -- PCS Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Left (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.7; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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 = 13.4 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.464 W/kg

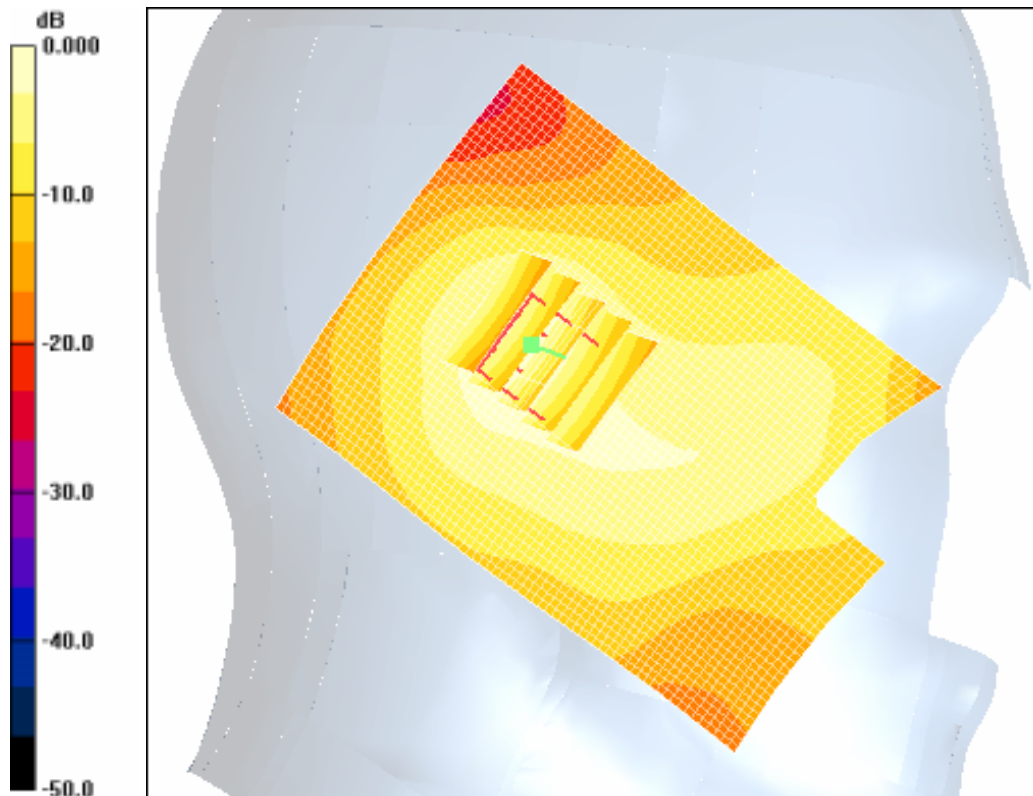
SAR(1 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.324 mW/g

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) = 0.366 mW/g



0 dB = 0.366mW/g

SAMSUNG FCC ID : A3LSPHM620 -- PCS Head SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Right (Job No. : FD-241)

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

Meas. Ambient Temp(celsius)-22.1 Tissue Temp(celsius)-21.7; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(8.32, 8.32, 8.32); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #2; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

Reference Value = 30.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.24 W/kg

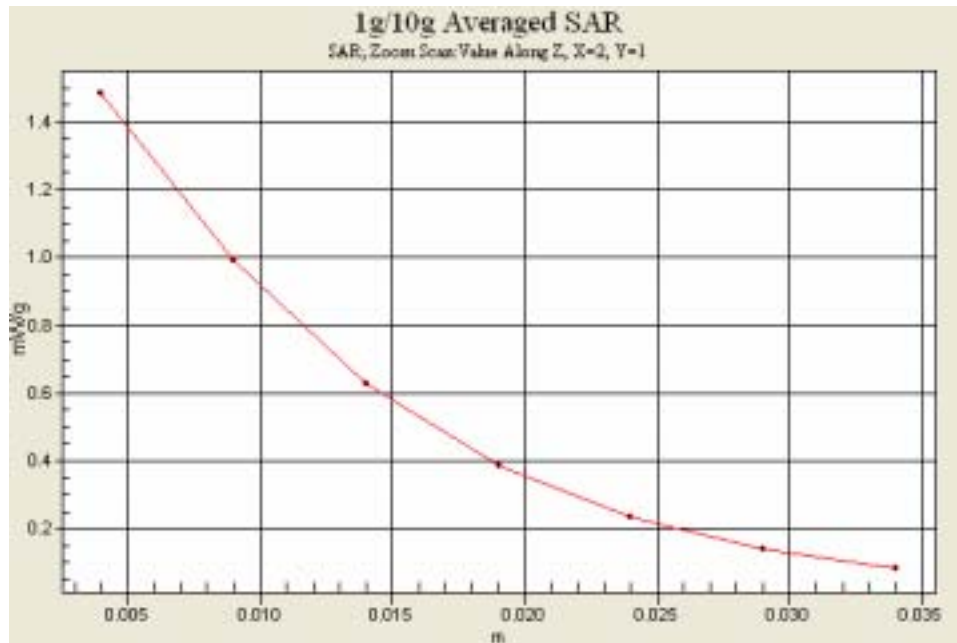
SAR(1 g) = 1.4 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard with BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 1.66 mW/g



SAMSUNG FCC ID : A3LSPHM620 -- PCS Body SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Body (Job No. : FD-241)

Procedure Name: Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.2 Tissue Temp(celsius)-21.8; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 14.7 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.987 W/kg

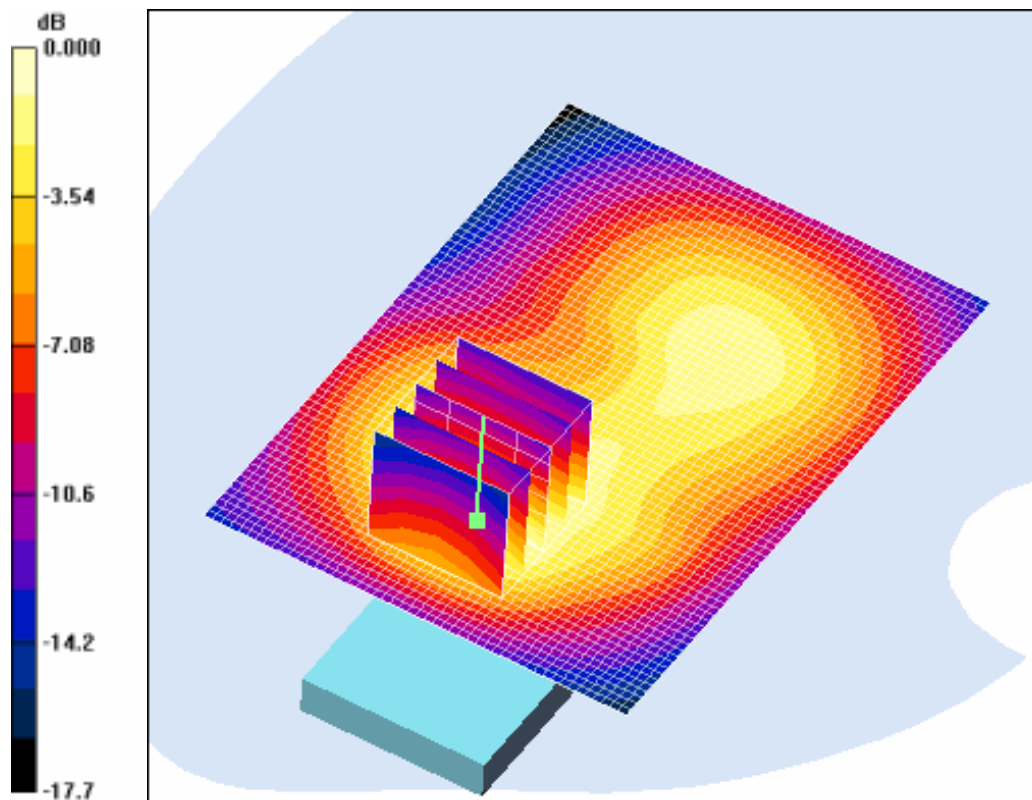
SAR(1 g) = 0.613 mW/g

Maximum value of SAR (measured) = 0.686 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.616 mW/g



0 dB = 0.616mW/g

SAMSUNG FCC ID : A3LSPHM620 -- PCS Body SAR

DUT: SPH-M620; Serial: FD-241-B

Program Name: SPH-M620 PCS Body (Job No. : FD-241)

Procedure Name: Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON

Meas. Ambient Temp(celsius)-22.2 Tissue Temp(celsius)-21.8; Test Date-16/Dec/2006

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3537; ConvF(7.86, 7.86, 7.86); Calibrated: 2006-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2006-07-17
- Phantom: SAM PHANTOM #1; Type: SAM; Serial: TP-1143
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 14.7 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.613 mW/g

Maximum value of SAR (measured) = 0.686 mW/g

Body, Ch. 0600, Ant. Intenna, Bat. Standard With BT ON/Area Scan (51x71x1):

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

Maximum value of SAR (interpolated) = 0.616 mW/g

