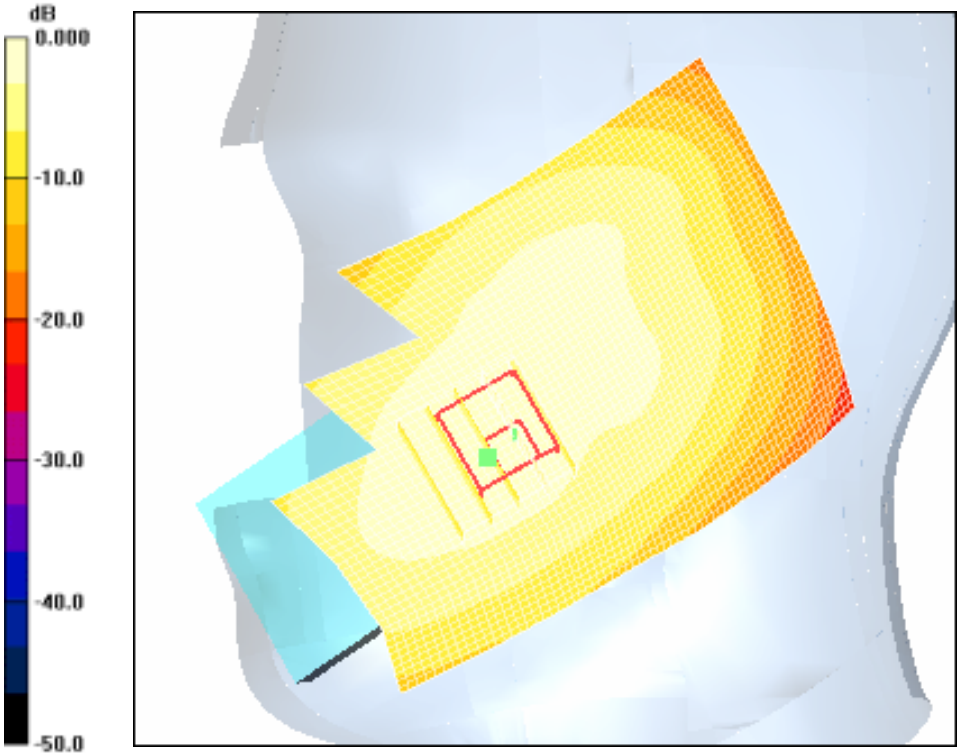
SAMSUNG FCC ID : A3LSPHA900G CDMA Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G CDMA Right (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-22.0; Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.89 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); 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-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = -0.183 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.769 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.725 mW/g

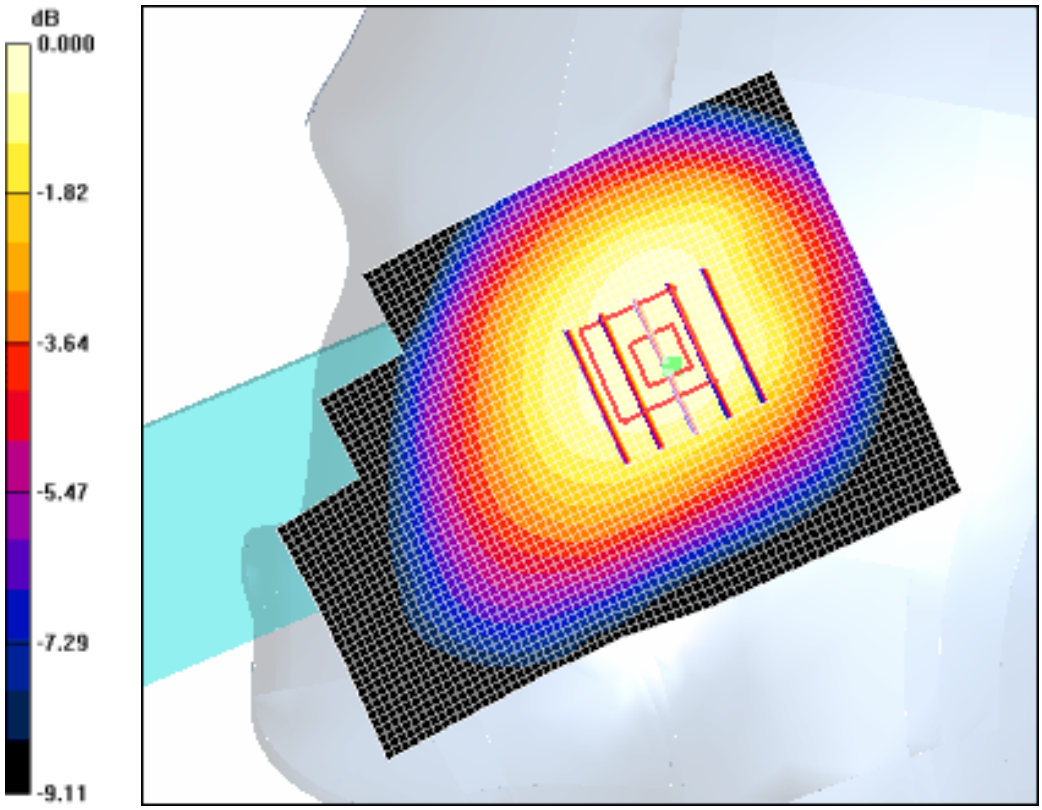


0 dB = 0.725mW/g

SAMSUNG FCC ID : A3LSPHA900G CDMA Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G CDMA Right (Job No. : FE-004)
Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-22.0; Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.89 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); 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-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.349 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 0.343 mW/g

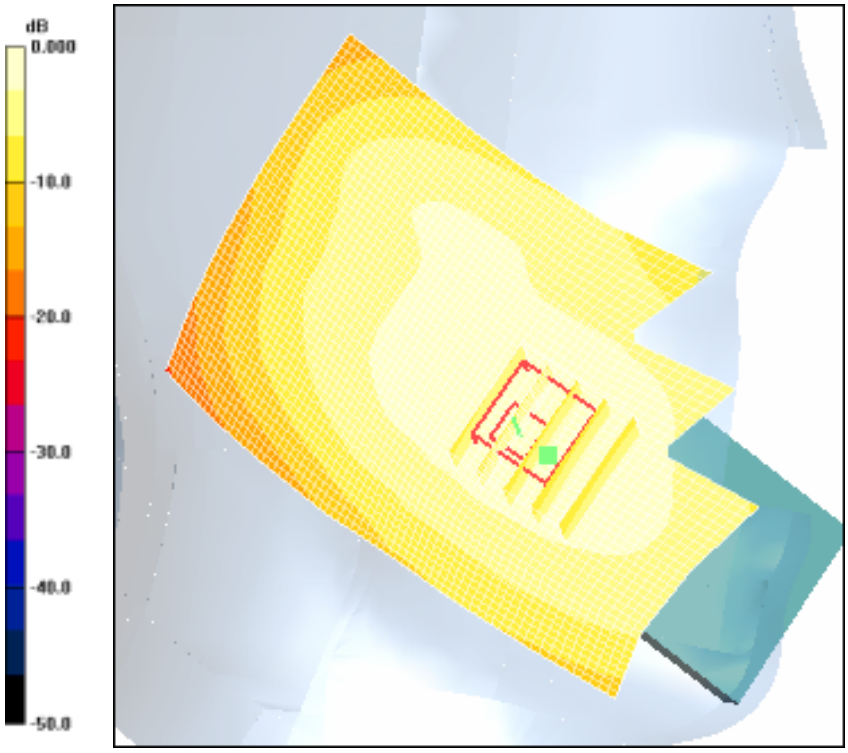


0 dB = 0.343mW/g

SAMSUNG FCC ID : A3LSPHA900G CDMA Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G CDMA Left (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-22.0; Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); 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-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.809 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.622 mW/g

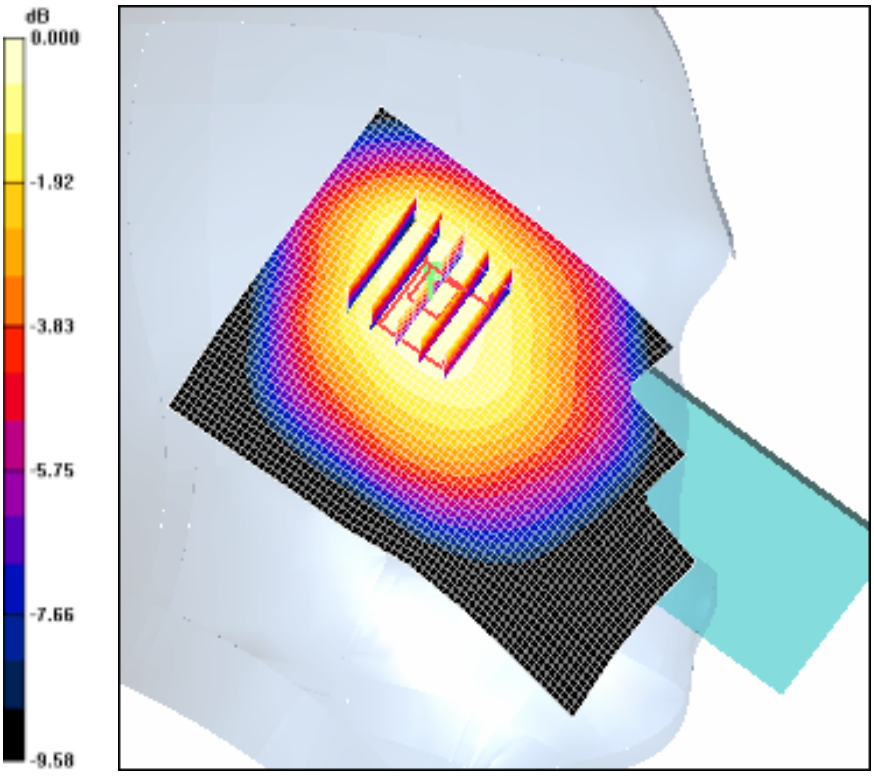


0 dB = 0.622mW/g

SAMSUNG FCC ID : A3LSPHA900G CDMA Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G CDMA Left (Job No. : FE-004)
Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-22.3; Tissue Temp(celsius)-22.0; Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.89 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); 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-1247
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 172

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.318 mW/g

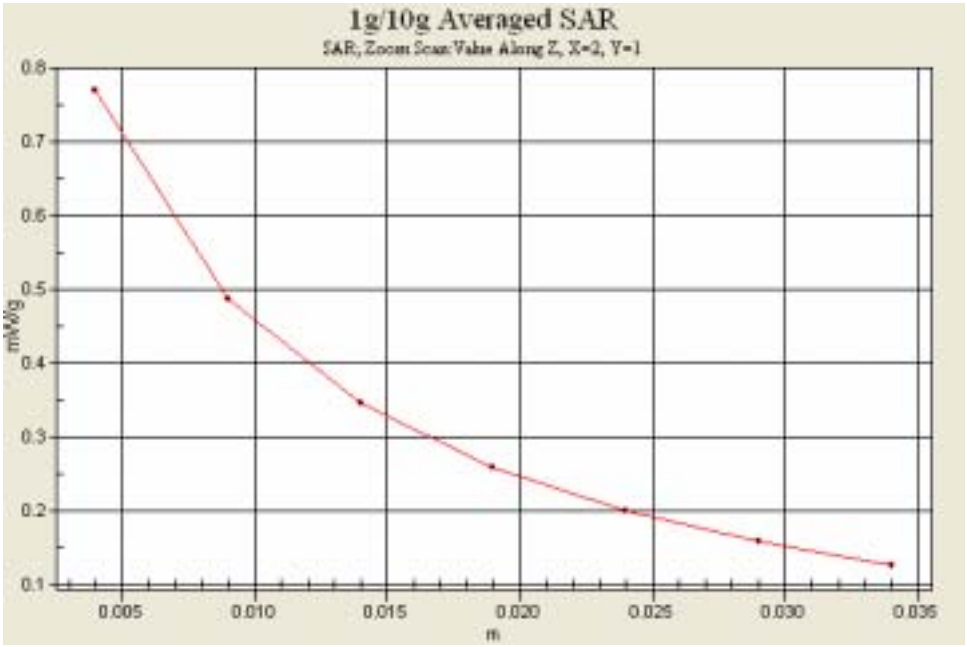


0 dB = 0.318mW/g

SAMSUNG FCC ID : A3LSPHA900G CDMA Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G CDMA Right (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0384, Intenna, Bat. Standard
Meas.Tissue Temp(celsius)-22.0, Ambient Temp-22.3;Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.89 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.48, 9.48, 9.48); 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-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = -0.183 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.769 mW/g

Cheek/Touch, Ch.0384, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.725 mW/g



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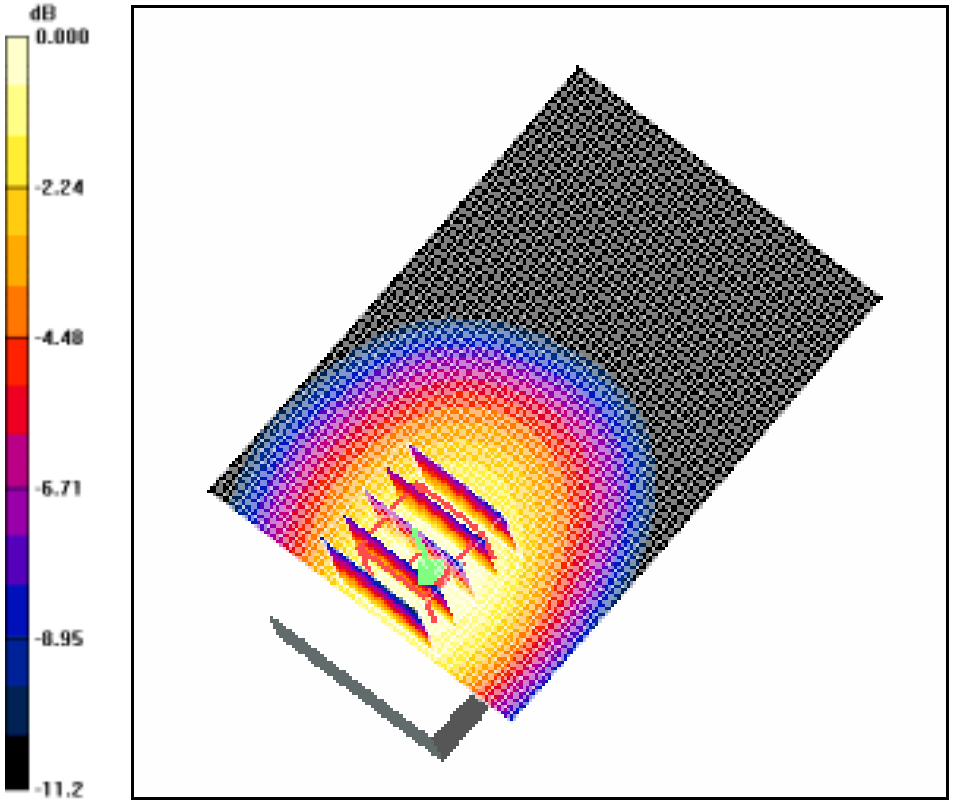
SAMSUNG FCC ID : A3LSPHA900G CDMA Body SAR
DUT: SPH-A900G(Body); Serial: FE-004-B
Program Name: SPH-A900G CDMA Body (Job No. : FE-004)
Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard
Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.2;Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 1 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); 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-1248
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.400 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.81 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.399 mW/g

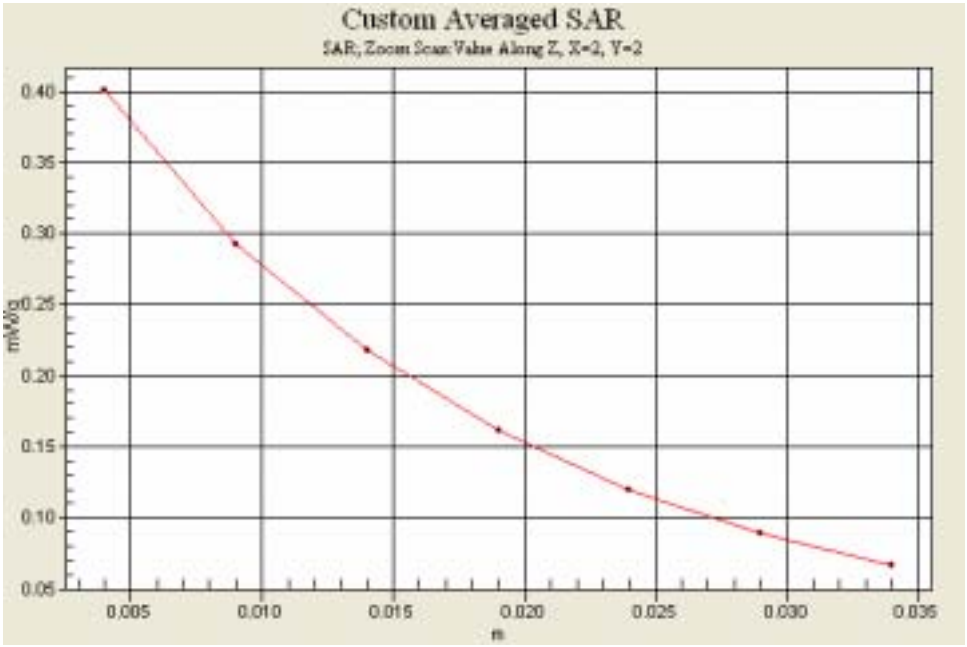


0 dB = 0.399mW/g

SAMSUNG FCC ID : A3LSPHA900G CDMA Body SAR
DUT: SPH-A900G(Body); Serial: FE-004-B
Program Name: SPH-A900G CDMA Body (Job No. : FE-004)
Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard
Meas.Tissue Temp(celsius)-21.8, Ambient Temp-22.2;Test Date-10/Jan/2007
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 1 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.78, 9.78, 9.78); 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-1248
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.400 mW/g

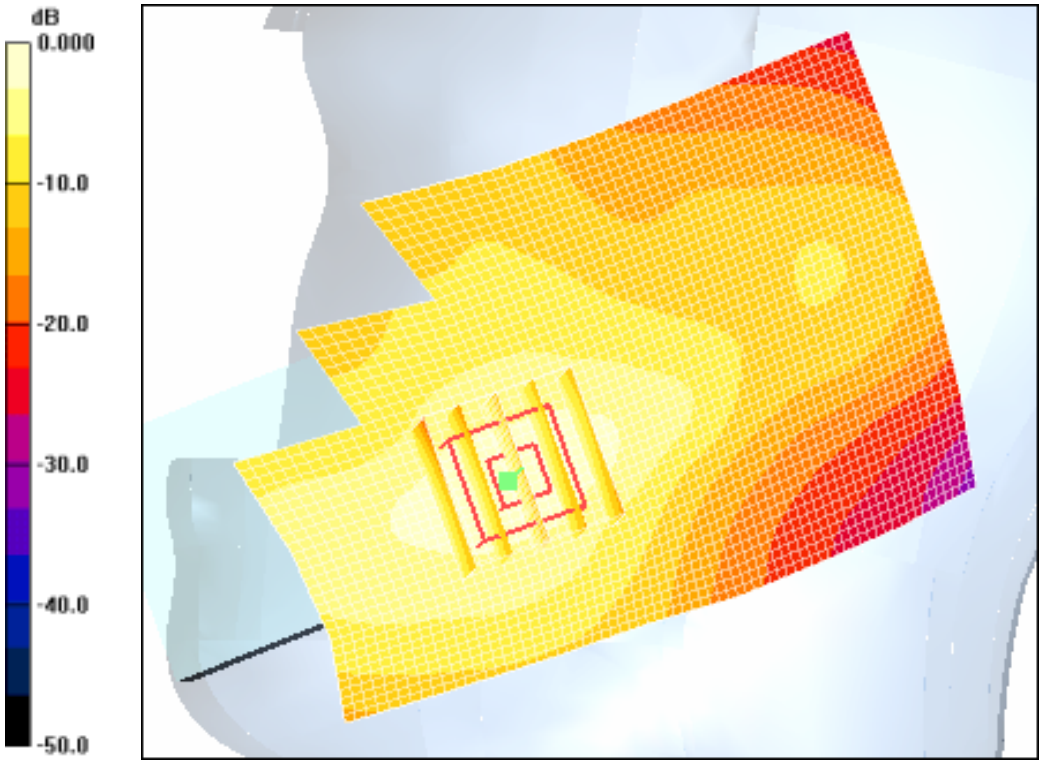
Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.81 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.399 mW/g



SAMSUNG FCC ID : A3LSPHA900G PCS Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G PCS Right (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
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 #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.147 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.676 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.700 mW/g

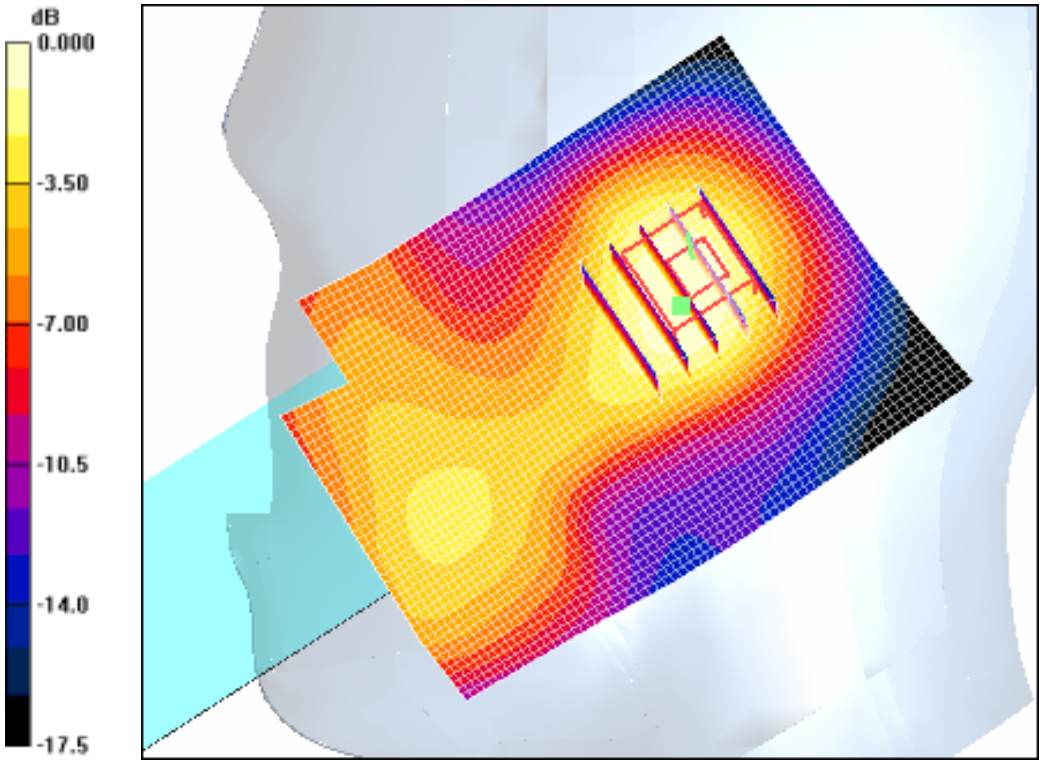


0 dB = 0.700mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G PCS Right (Job No. : FE-004)
Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
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 #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.128 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.17 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

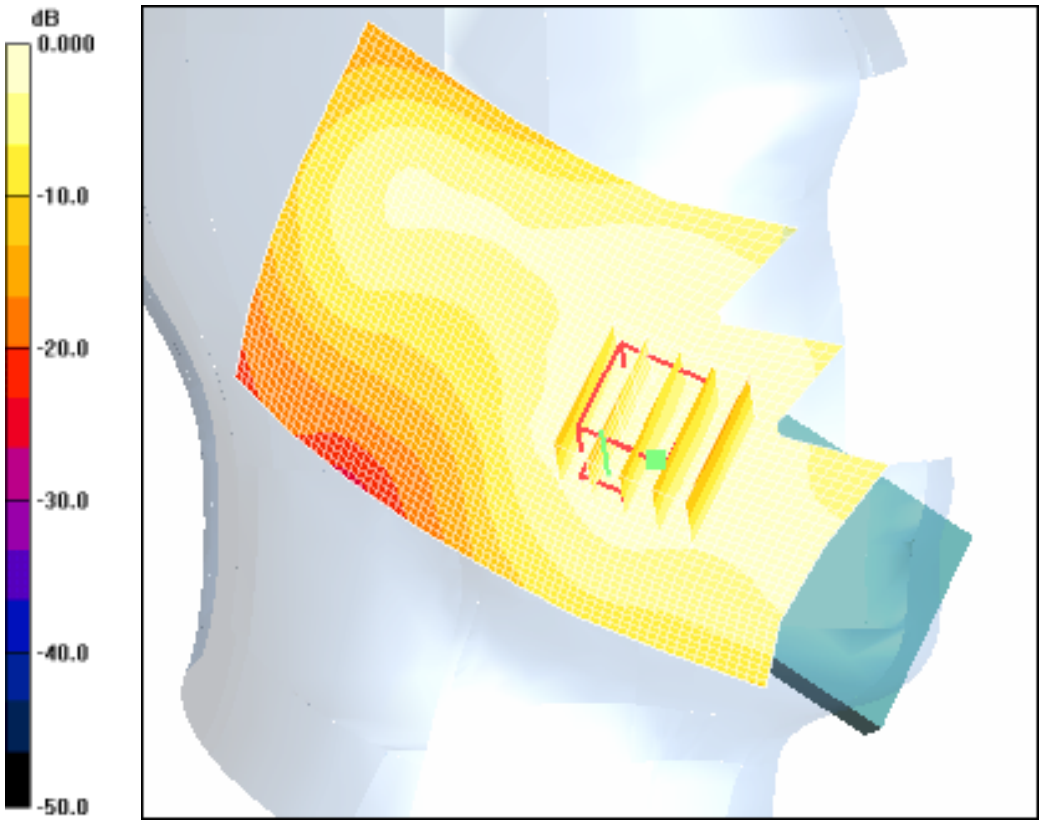


0 dB = 0.122mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G PCS Left (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0600, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 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 #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.21 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.163 mW/g

Cheek/Touch, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.173 mW/g

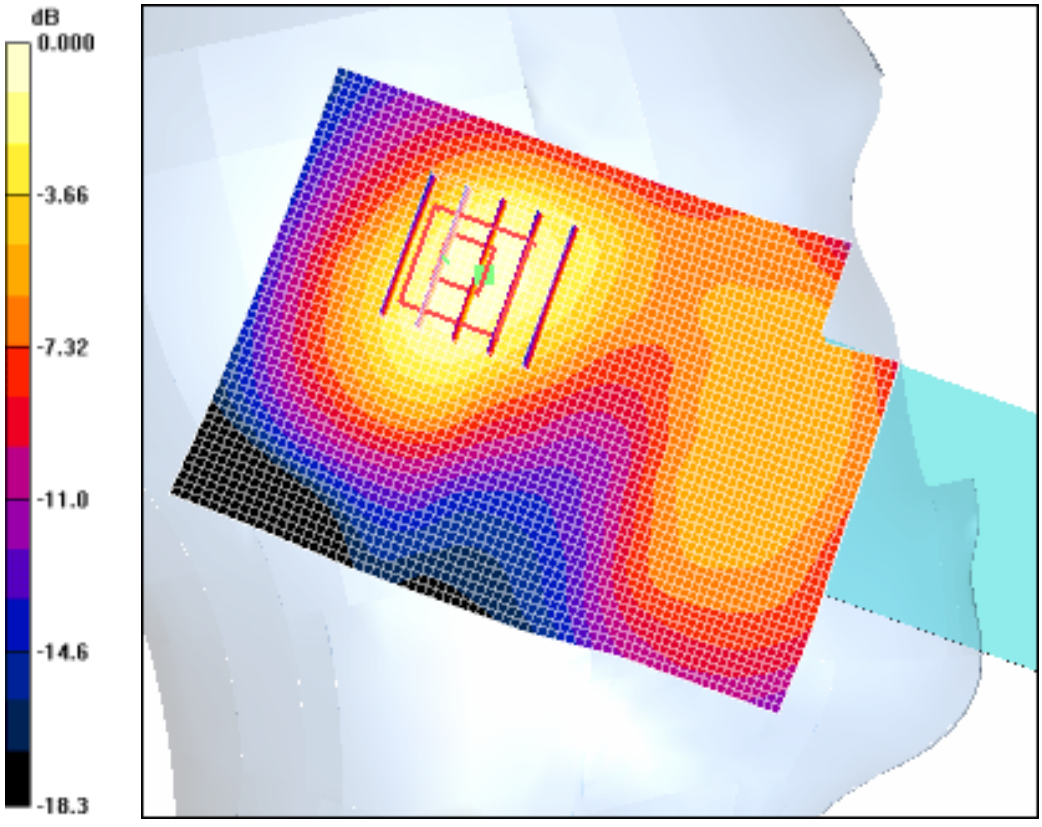


0 dB = 0.173mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G PCS Left (Job No. : FE-004)
Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 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 #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.159 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.08 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Head SAR
DUT: SPH-A900G; Serial: FE-004-B
Program Name: SPH-A900G PCS Right (Job No. : FE-004)
Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.38 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
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 #1; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

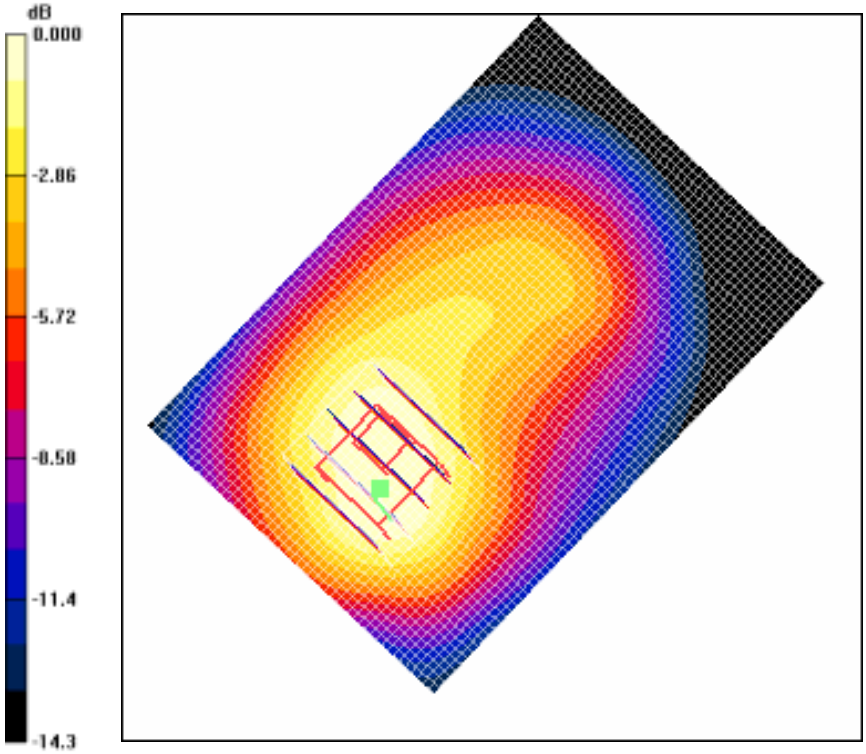
Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.147 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.676 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.700 mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Body SAR
DUT: SPH-A900G(Body); Serial: FE-004-B
Program Name: SPH-A900G PCS Body (Job No. : FE-004)
Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
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 #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.728 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.869 mW/g



0 dB = 0.752mW/g

SAMSUNG FCC ID : A3LSPHA900G PCS Body SAR
DUT: SPH-A900G(Body); Serial: FE-004-B
Program Name: SPH-A900G PCS Body (Job No. : FE-004)
Procedure Name: Body, Ch. 0025, Ant. Intenna, Bat. Standard
Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.7; Test Date-10/Jan/2007
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
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 #2; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.728 mW/g

Body, Ch. 0025, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.869 mW/g