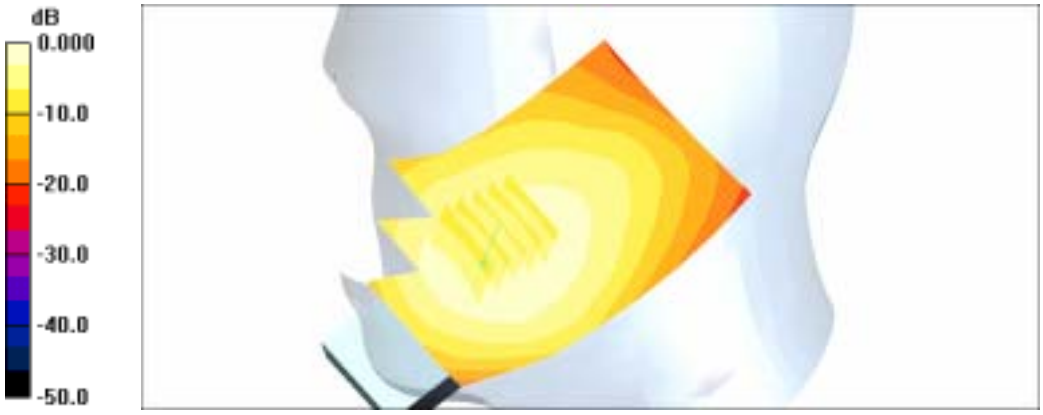
SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 AMPS Right (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0383, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 836.49 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Post processing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0383, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.55 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.613 mW/g
Maximum value of SAR (measured) = 0.643 mW/g

Cheek/Touch, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.693 mW/g

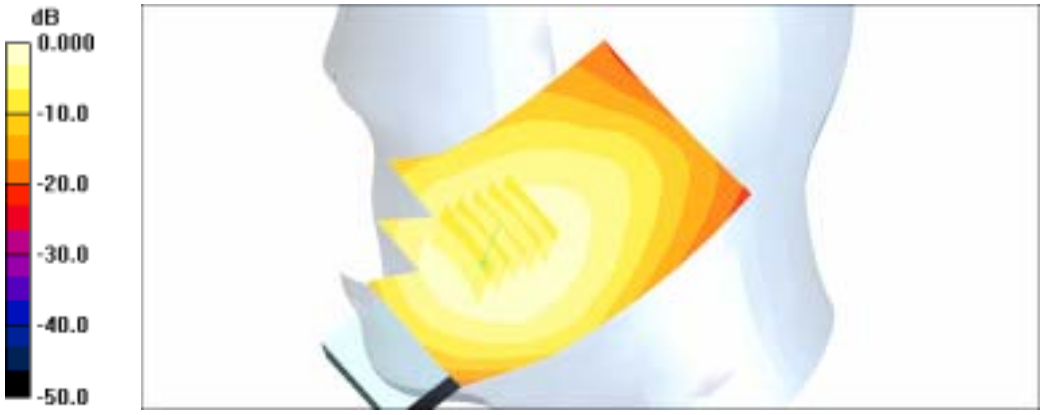


0 dB = 0.693mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 AMPS Right (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard
Procedure Notes: Meas.Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 836.49 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Post processing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.235 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.73 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.218 mW/g

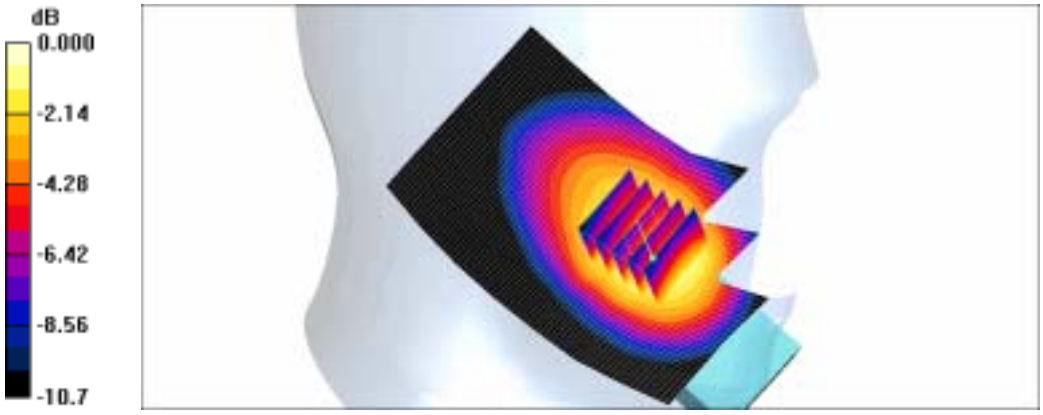


0 dB = 0.218mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 AMPS Left (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Post processing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.720 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.91 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.671 mW/g
Maximum value of SAR (measured) = 0.712 mW/g

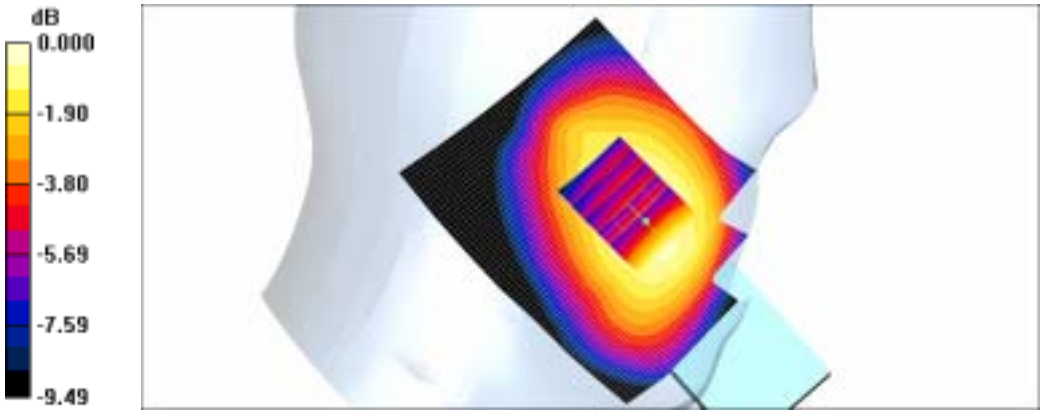


0 dB = 0.712mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 AMPS Left (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0383, Intenna, Bat. Standard
Procedure Notes: Meas.Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 836.49 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.49 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.168 mW/g

Ear/Tilt, Ch.0383, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.166 mW/g

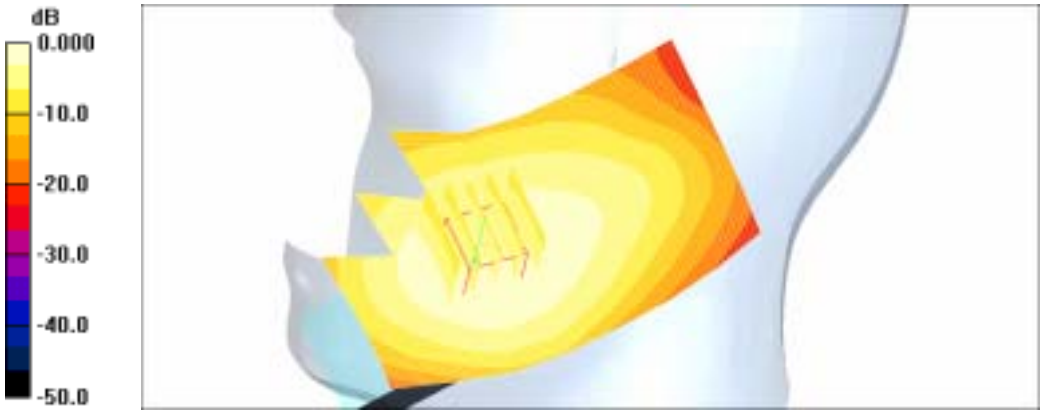


0 dB = 0.166mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 CDMA Right (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.82 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.522 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.561 mW/g

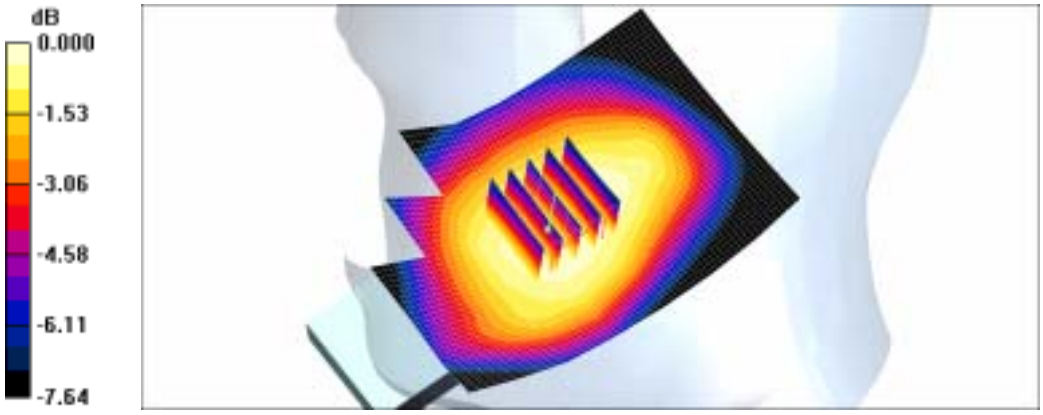


0 dB = 0.561mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 CDMA Right (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0363, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.66 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.095 mW/g

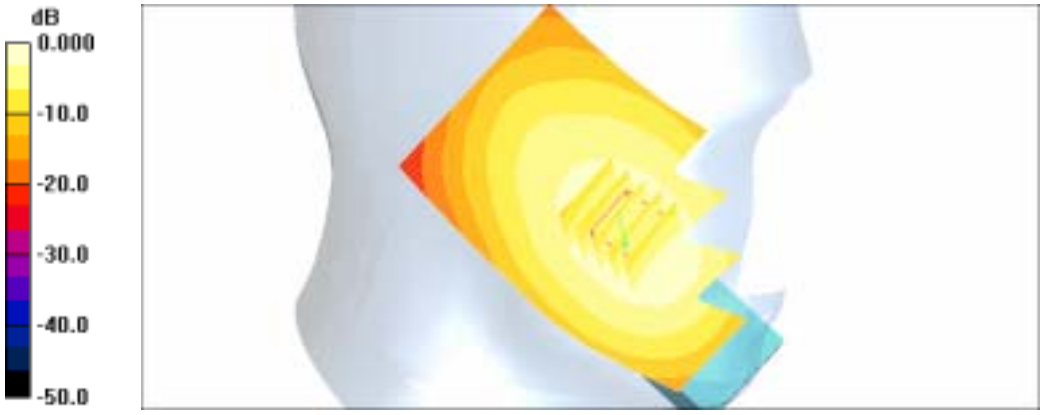


0 dB = 0.095mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 CDMA Left (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0363, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.36 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.571 mW/g
Maximum value of SAR (measured) = 0.604 mW/g

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.617 mW/g

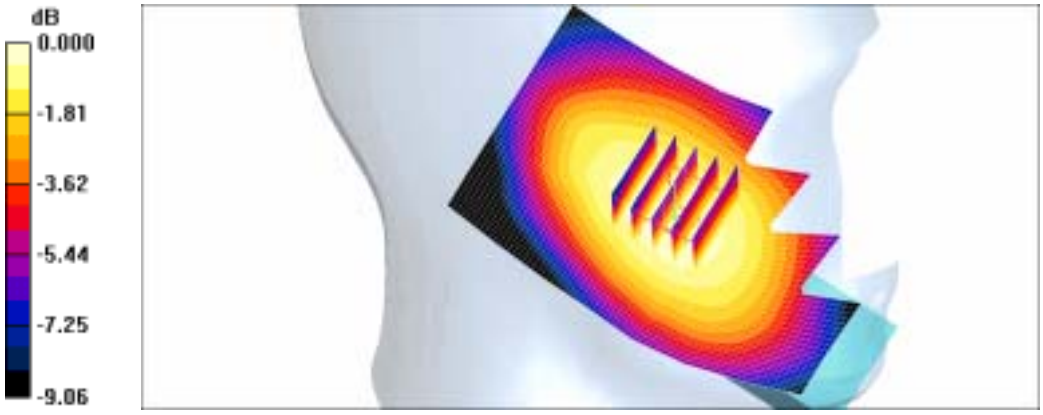


0 dB = 0.617mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 CDMA Left (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0363, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.114 mW/g

Ear/Tilt, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.31 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.112 mW/g

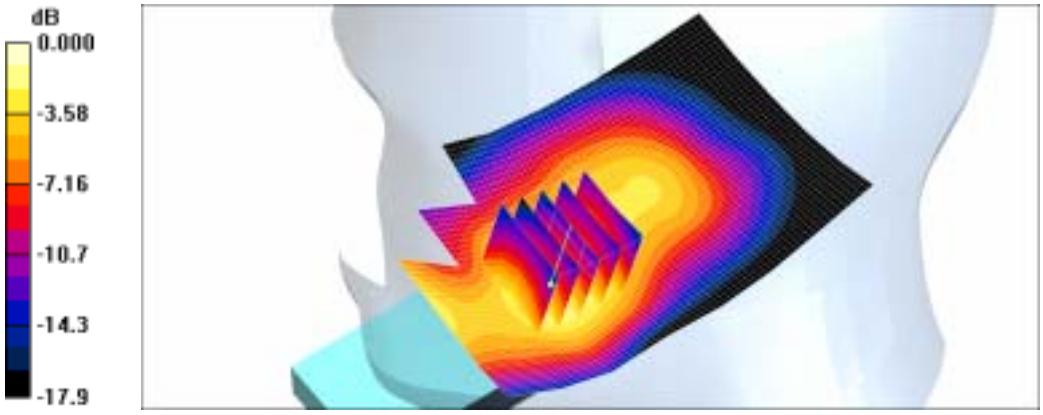


0 dB = 0.112mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 PCS Right (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.33 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

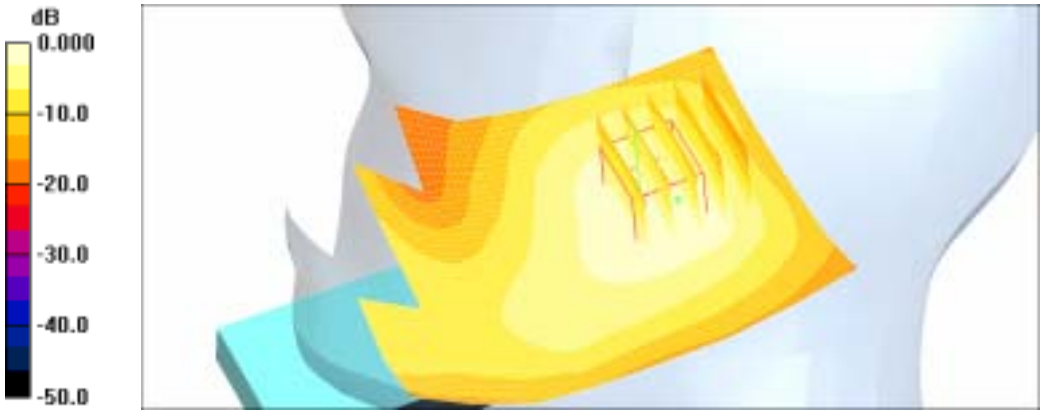


0 dB = 1.41mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 PCS Right (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.329 mW/g

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.377 mW/g

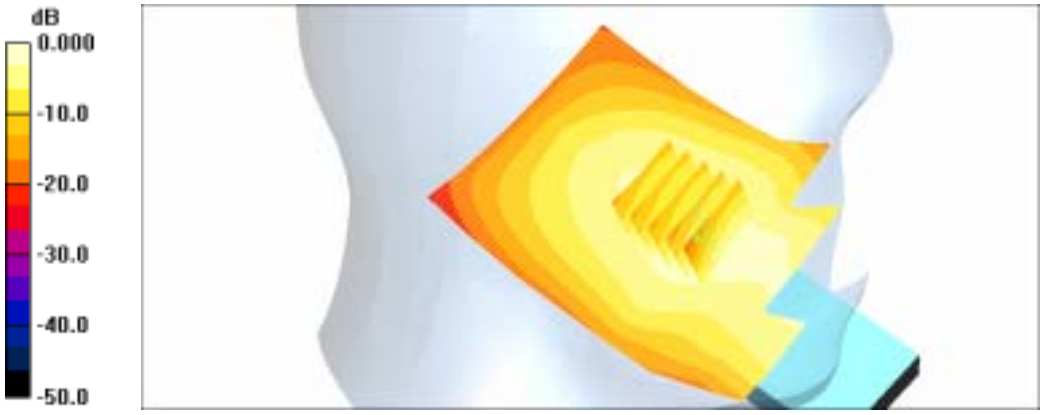


0 dB = 0.377mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 PCS Left (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.39 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.18 mW/g
Maximum value of SAR (measured) = 1.31 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g



0 dB = 1.06mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 PCS Left (Job No. : FC-154)
Procedure Name: Ear/Tilt, Ch.0600, Intenna, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.60 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.247 mW/g

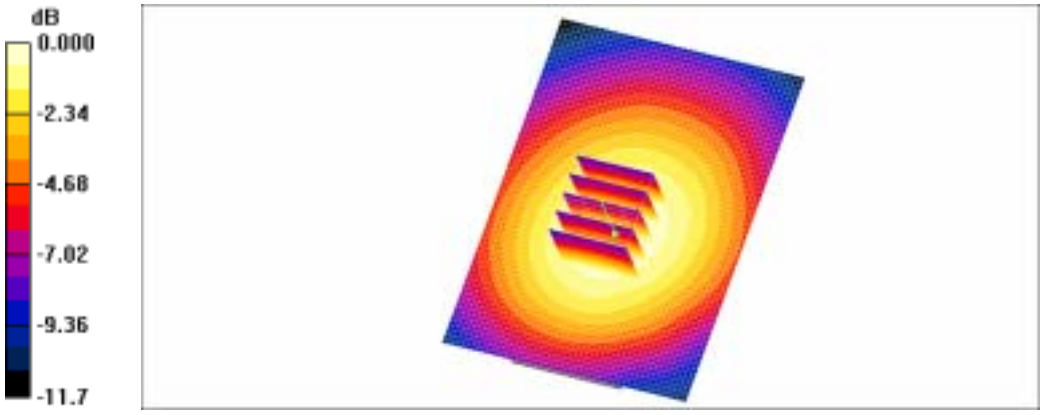
Ear/Tilt, Ch.0600, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.272 mW/g

0 dB = 0.272mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 AMPS PTT (Job No. : FC-154)
Procedure Name: PTT, Ch.799, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.799, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.143 mW/g

PTT, Ch.799, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.146 mW/g

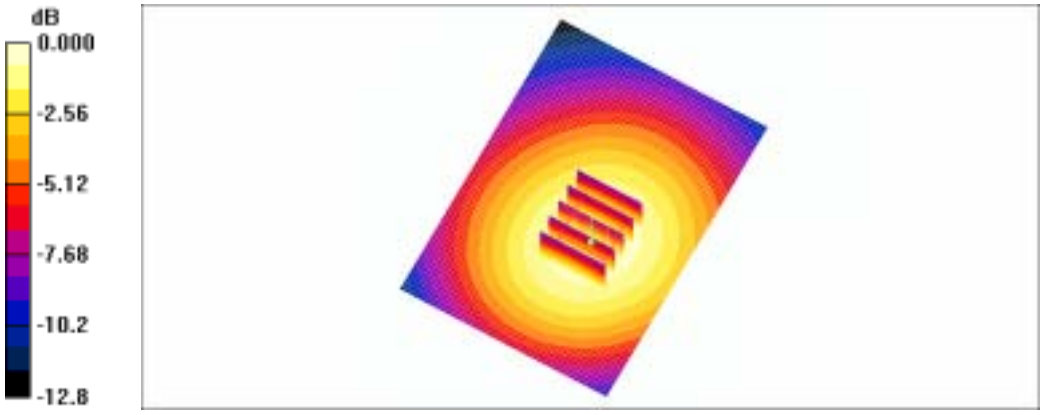


0 dB = 0.146mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 CDMA Body (Job No. : FC-154)
Procedure Name: PTT, Ch.777, Ant.Intenna, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.109 mW/g

PTT, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

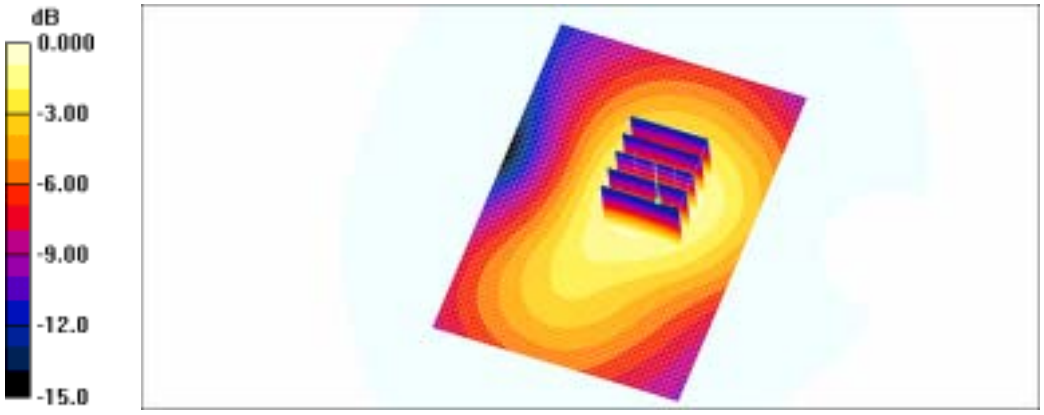


0 dB = 0.112mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 PCS Right (Job No. : FC-154)
Procedure Name: PTT, Ch.1175, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908.75 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.01 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.090 mW/g

PTT, Ch.1175, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.096 mW/g

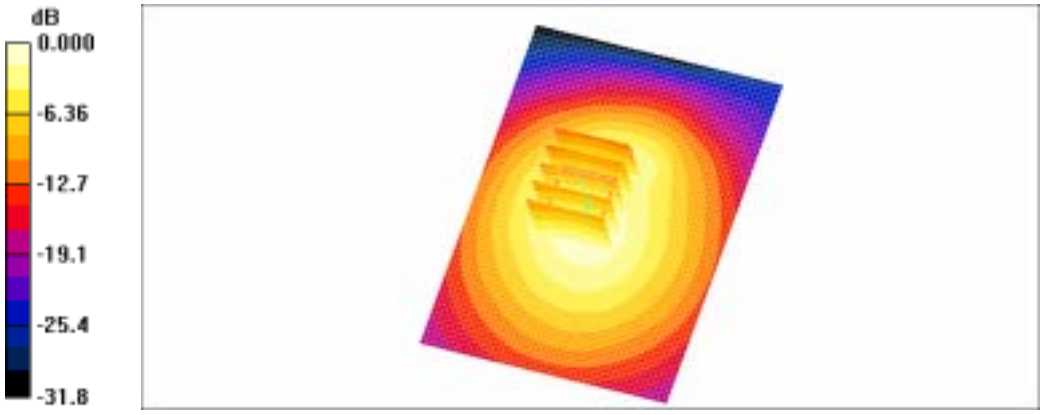


0 dB = 0.096mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Body SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 AMPS Body (Job No. : FC-154)
Procedure Name: Body, Ch. 0799, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.4;Tissue Temp(celsius)-21.6;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.11 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

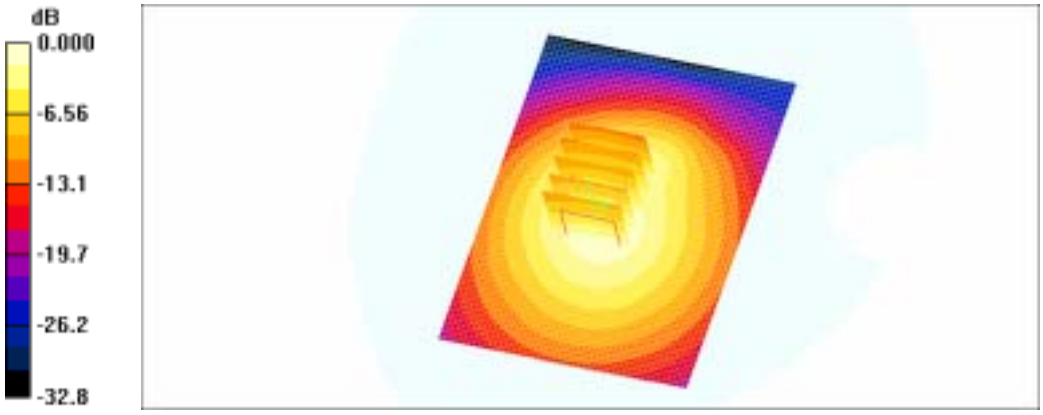


0 dB = 1.34mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Body SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 CDMA Body (Job No. : FC-154)
Procedure Name: Body, Ch. 0363, Ant. Intenna, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.798 mW/g
Maximum value of SAR (measured) = 0.854 mW/g

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.947 mW/g

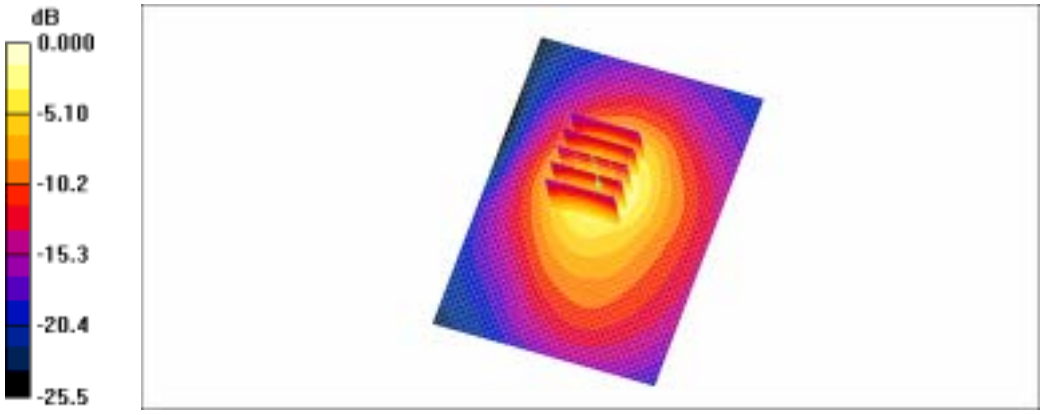


0 dB = 0.947mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Body SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 PCS Body (Job No. : FC-154)
Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908.75 MHz; σ = 1.5 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.647 mW/g
Maximum value of SAR (measured) = 0.721 mW/g

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.815 mW/g



0 dB = 0.815mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 AMPS Left (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0799, Intenna, Bat. Standard
Procedure Notes: Meas.Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.720 mW/g

Cheek/Touch, Ch.0799, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.91 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.671 mW/
Maximum value of SAR (measured) = 0.712 mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 AMPS PTT (Job No. : FC-154)
Procedure Name: PTT, Ch.799, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Ambient Temp(celsius]-22.4;Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.799, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.143 mW/g

PTT, Ch.799, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.146 mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz AMPS BodySAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 AMPS Body (Job No. : FC-154)
Procedure Name: Body, Ch. 0799, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.4;Tissue Temp(celsius)-21.6;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: AMPS; Frequency: 848.97 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.97 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.11 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

Body, Ch. 0799, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 CDMA Left (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0363, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.36 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.571 mW/g
Maximum value of SAR (measured) = 0.604 mW/g

Cheek/Touch, Ch.0363, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.617 mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 CDMA Body (Job No. : FC-154)
Procedure Name: PTT, Ch.777, Ant.Intenna, Bat.Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.3;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 0.9 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.14, 6.14, 6.14); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.777, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.109 mW/g

PTT, Ch.777, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

SAMSUNG FCC ID : A3LSPHA580 835MHz CDMA Body SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 CDMA Body (Job No. : FC-154)
Procedure Name: Body, Ch. 0363, Ant. Intenna, Bat. Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.6;Test Date-17/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 835.89 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835.89 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(6.18, 6.18, 6.18); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

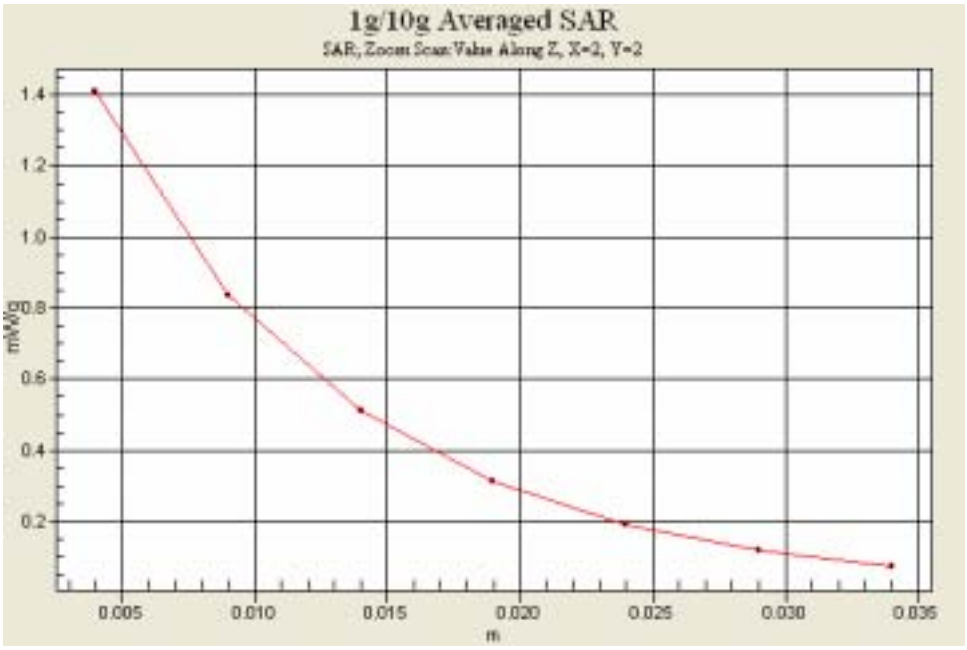
Body, Ch. 0363, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.798 mW/g
Maximum value of SAR (measured) = 0.854 mW/g

Body, Ch. 0363, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.947 mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580; Serial: FC-154-B
Program Name: SPH-A580 PCS Right (Job No. : FC-154)
Procedure Name: Cheek/Touch, Ch.0025, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Cheek/Touch, Ch.0025, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 1.33 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Head SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 PCS Right (Job No. : FC-154)
Procedure Name: PTT, Ch.1175, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908.75 MHz; σ = 1.4 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PTT, Ch.1175, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.01 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.090 mW/g

PTT, Ch.1175, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.096 mW/g

SAMSUNG FCC ID : A3LSPHA580 1900MHz PCS Body SAR
DUT: SPH-A580(Body); Serial: FC-154-B
Program Name: SPH-A580 PCS Body (Job No. : FC-154)
Procedure Name: Body, Ch. 1175, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-22.0; Tissue Temp(celsius)-21.5;Test Date-16/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: PCS; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908.75 MHz; σ = 1.5 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.647 mW/g
Maximum value of SAR (measured) = 0.721 mW/g

Body, Ch. 1175, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.815 mW/g