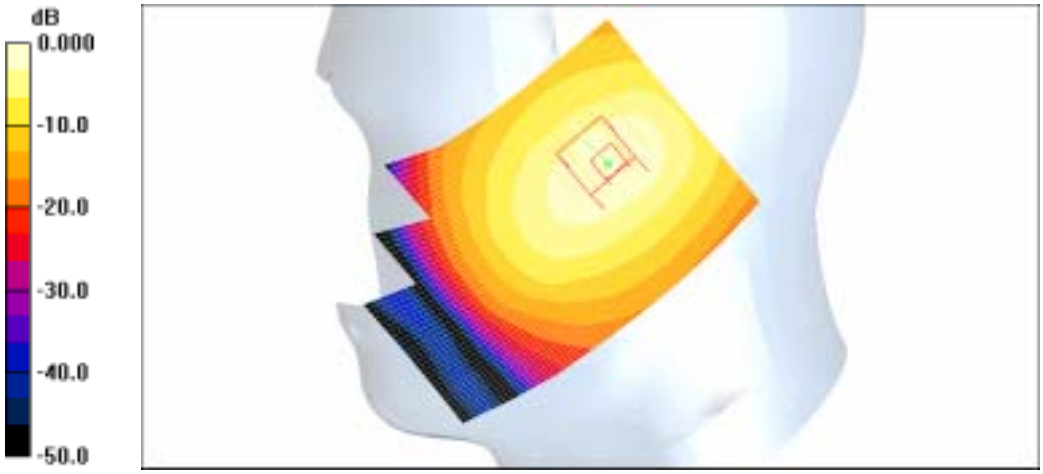
SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Head SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Right (Job No. : FD-143)
Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard
Communication System: CDMA; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 0.87 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.31, 9.31, 9.31); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.15 mW/g
Maximum value of SAR (measured) = 1.24 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

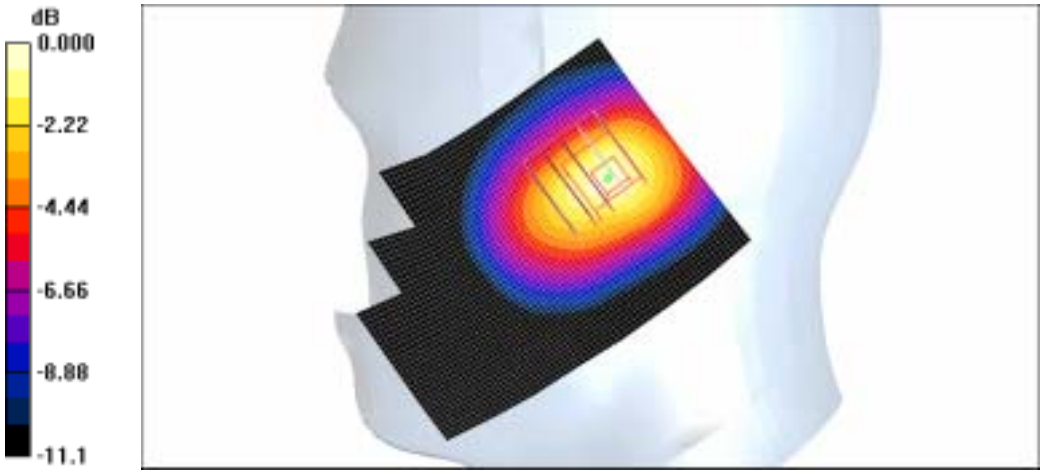


0 dB = 1.15mW/g

SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Head SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Right (Job No. : FD-143)
Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.87 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.31, 9.31, 9.31); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.564 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.552 mW/g
Maximum value of SAR (measured) = 0.606 mW/g

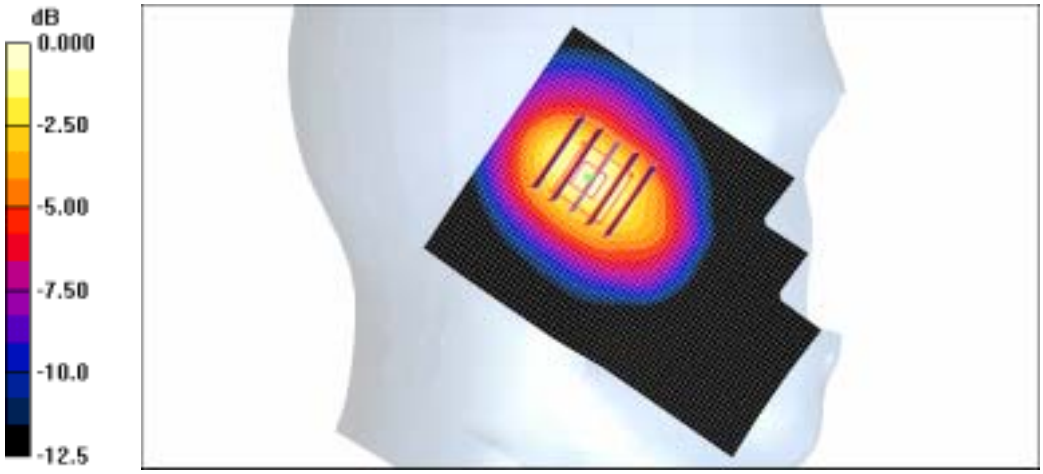


0 dB = 0.606mW/g

SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Head SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Left (Job No. : FD-143)
Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8; Tissue Temp(celsius)-21.6;Test Date-18/Aug/2006[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 = 0.87 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.31, 9.31, 9.31); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.2 mW/g
Maximum value of SAR (measured) = 1.31 mW/g

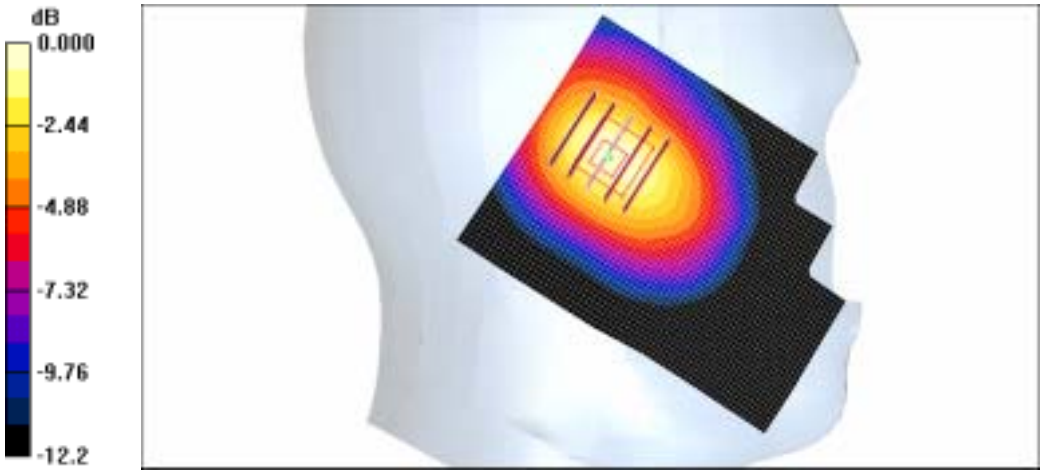


0 dB = 1.31mW/g

SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Head SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Left (Job No. : FD-143)
Procedure Name: Ear/Tilt, Ch.0384, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8; Tissue Temp(celsius)-21.6;Test Date-18/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.87 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.31, 9.31, 9.31); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- 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=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.527 mW/g

Ear/Tilt, Ch.0384, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.506 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

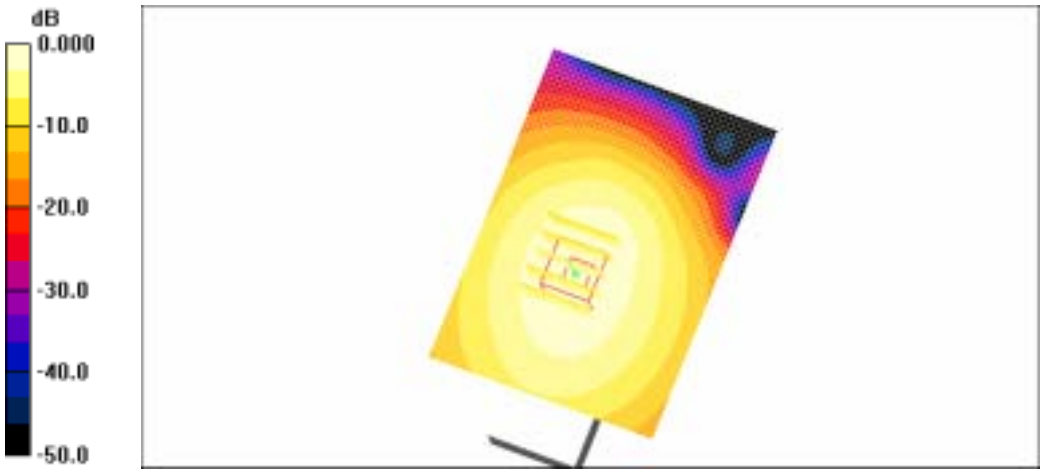


0 dB = 0.552mW/g

SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Body SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Body (Job No. : FD-143)
Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.5;Test Date-18/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.99 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.57, 9.57, 9.57); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.812 mW/g
Maximum value of SAR (measured) = 0.866 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.898 mW/g

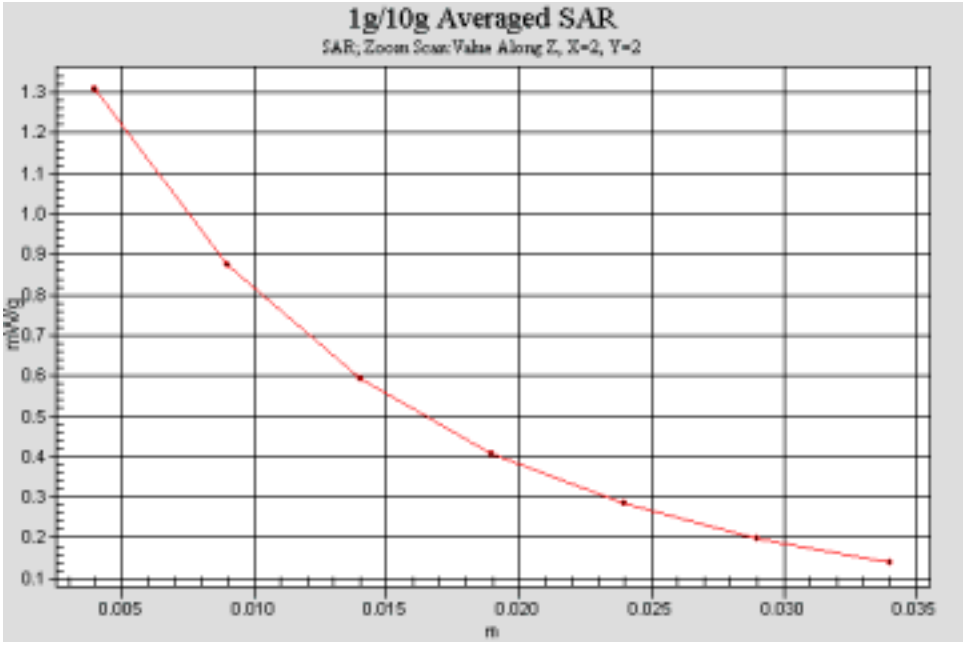


0 dB = 0.898mW/g

SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Head SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Left (Job No. : FD-143)
Procedure Name: Cheek/Touch, Ch.0777, Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.8; Tissue Temp(celsius)-21.6;Test Date-18/Aug/2006[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 = 0.87 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.31, 9.31, 9.31); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Cheek/Touch, Ch.0777, Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.2 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



SAMSUNG FCC ID : A3LSCHS229 835MHz CDMA Body SAR
DUT: SCH-S229; Serial: FD-143-H
Program Name: SCH-S229 CDMA Body (Job No. : FD-143)
Procedure Name: Body, Ch. 0384, Ant. Intenna, Bat. Standard
Procedure Notes: Meas. Ambient Temp(celsius)-21.9; Tissue Temp(celsius)-21.5;Test Date-18/Aug/2006[OET Bulletin 65-Supplement C, July 2001]
Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.52 MHz; σ = 0.99 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3537; ConvF(9.57, 9.57, 9.57); Calibrated: 2005-11-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn468; Calibrated: 2006-01-27
- Phantom: SAM ALL BAND; Type: SAM; Serial: TP-1141
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.812 mW/g
Maximum value of SAR (measured) = 0.866 mW/g

Body, Ch. 0384, Ant. Intenna, Bat. Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.898 mW/g