

Test Laboratory: Compliance Certification Services

GSM1900 Left Hand Side

DUT: Apple; Type: iPhone; Serial: 8891002C3NQ

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

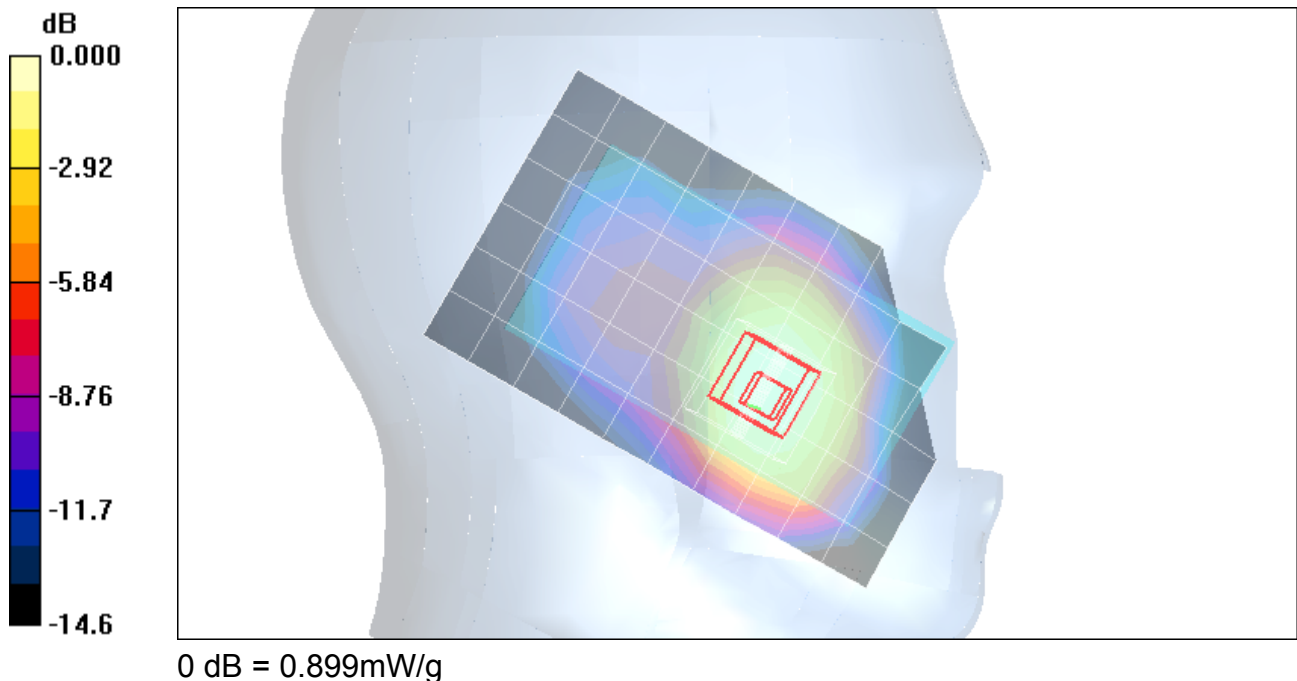
Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.99, 8.99, 8.99); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

L-Touch - M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.877 mW/g

L-Touch - M-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
 Reference Value = 9.34 V/m; Power Drift = 0.047 dB
 Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.530 mW/g
 Maximum value of SAR (measured) = 0.899 mW/g



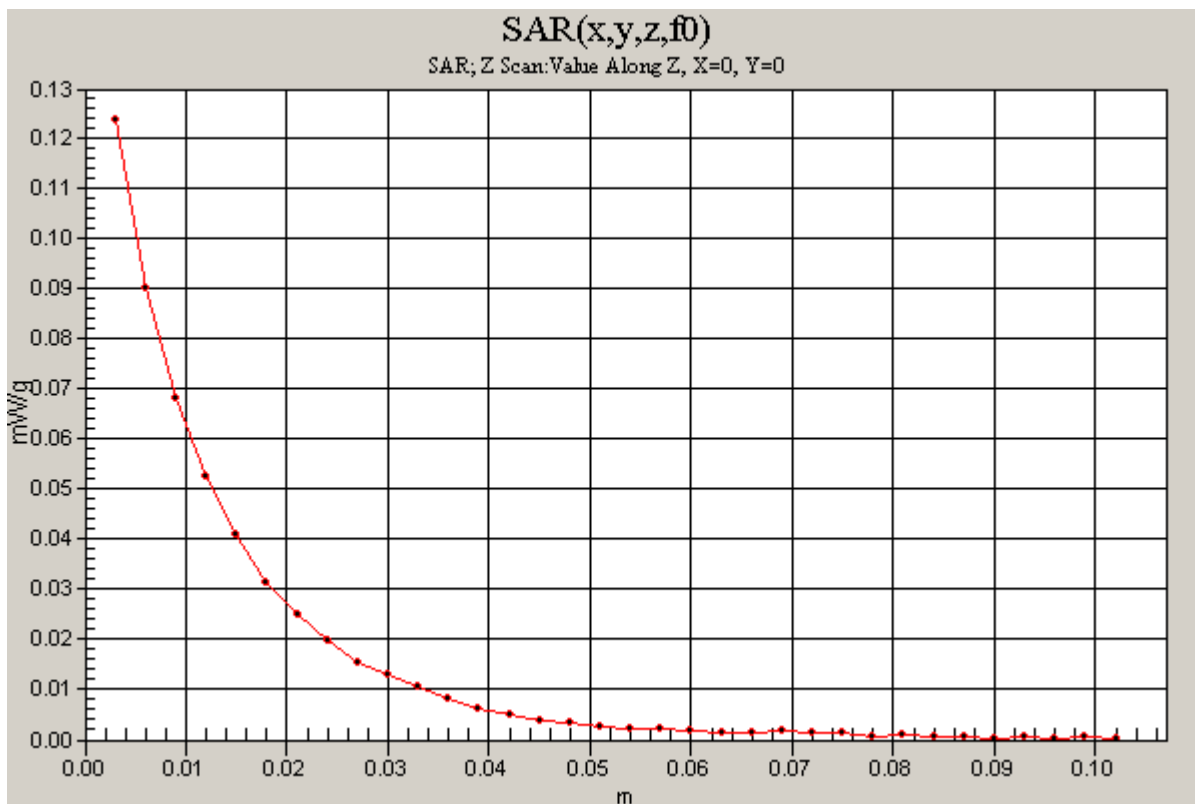
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Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8

L-Touch - M-ch/Z Scan (1x1x34): Measurement grid: dx=20mm, dy=20mm, dz=3mm
Maximum value of SAR (measured) = 0.124 mW/g



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Phantom section: Left Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.99, 8.99, 8.99); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

L-Tilt - M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

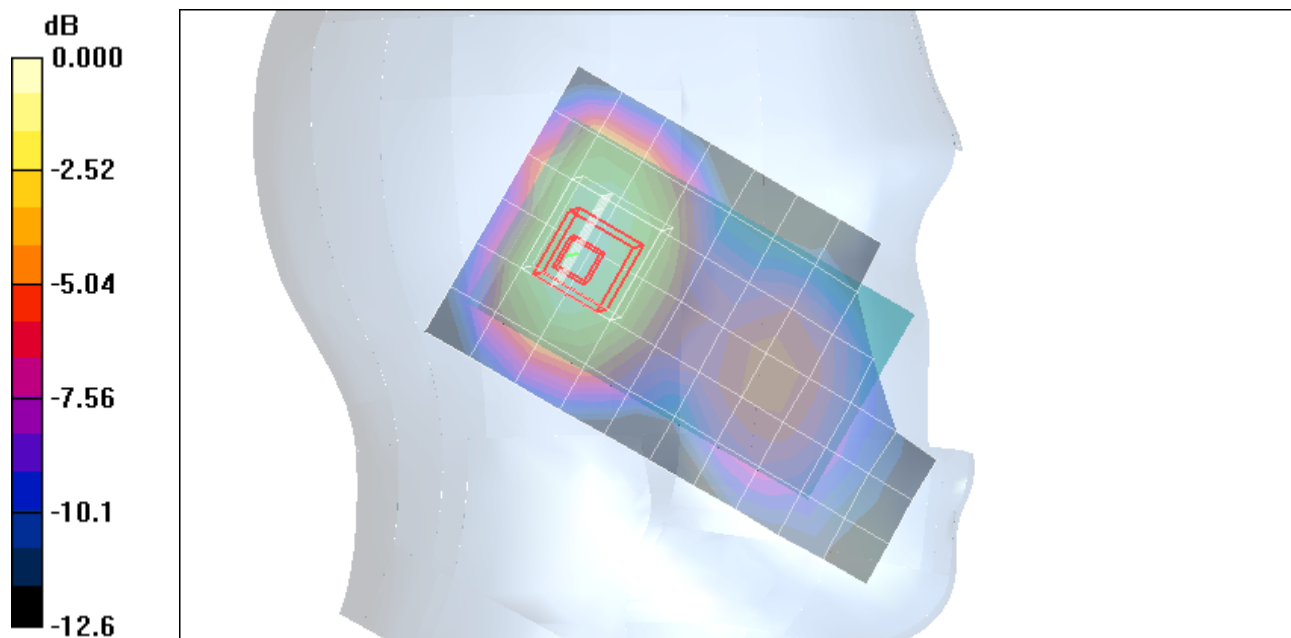
L-Tilt - M-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.4 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g

Test Laboratory: Compliance Certification Services

GSM1900 Right Hand Side

DUT: Apple; Type: iPhone; Serial: 8891002C3NQ

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.99, 8.99, 8.99); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

R-Touch - M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.800 mW/g

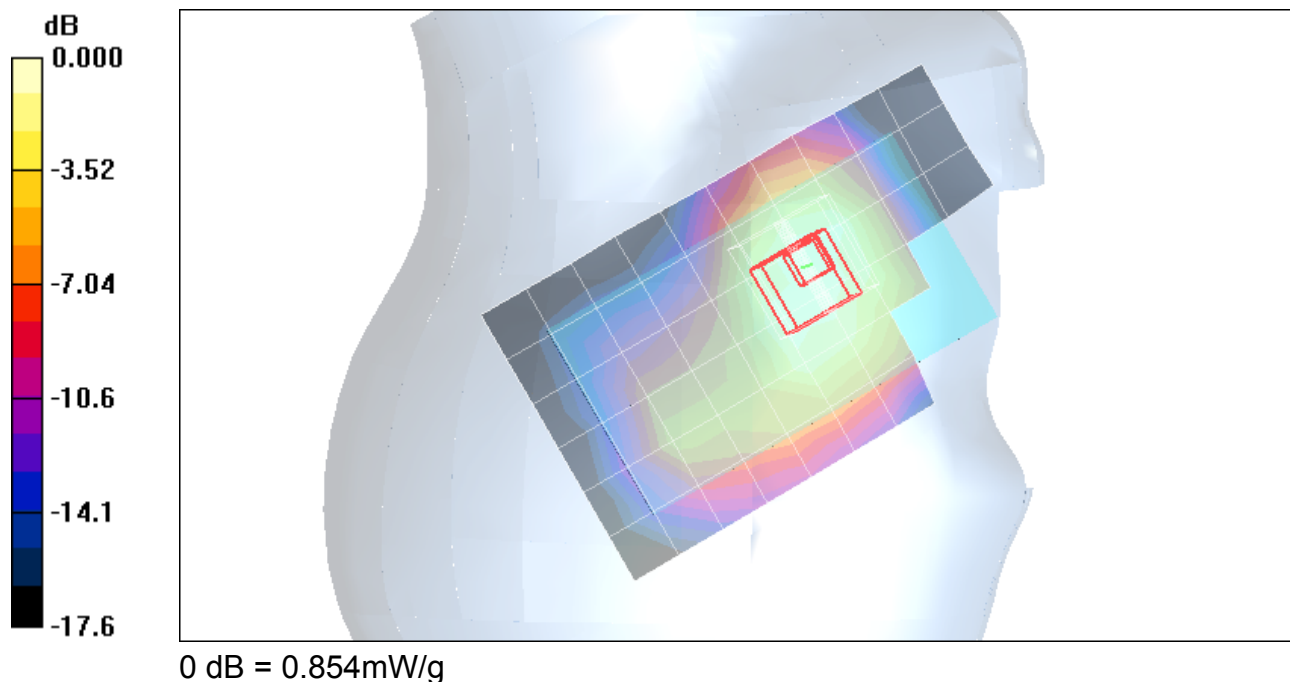
R-Touch - M-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.89 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.854 mW/g



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Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
Phantom section: Right Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.99, 8.99, 8.99); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

R-Tilt - M-ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.477 mW/g

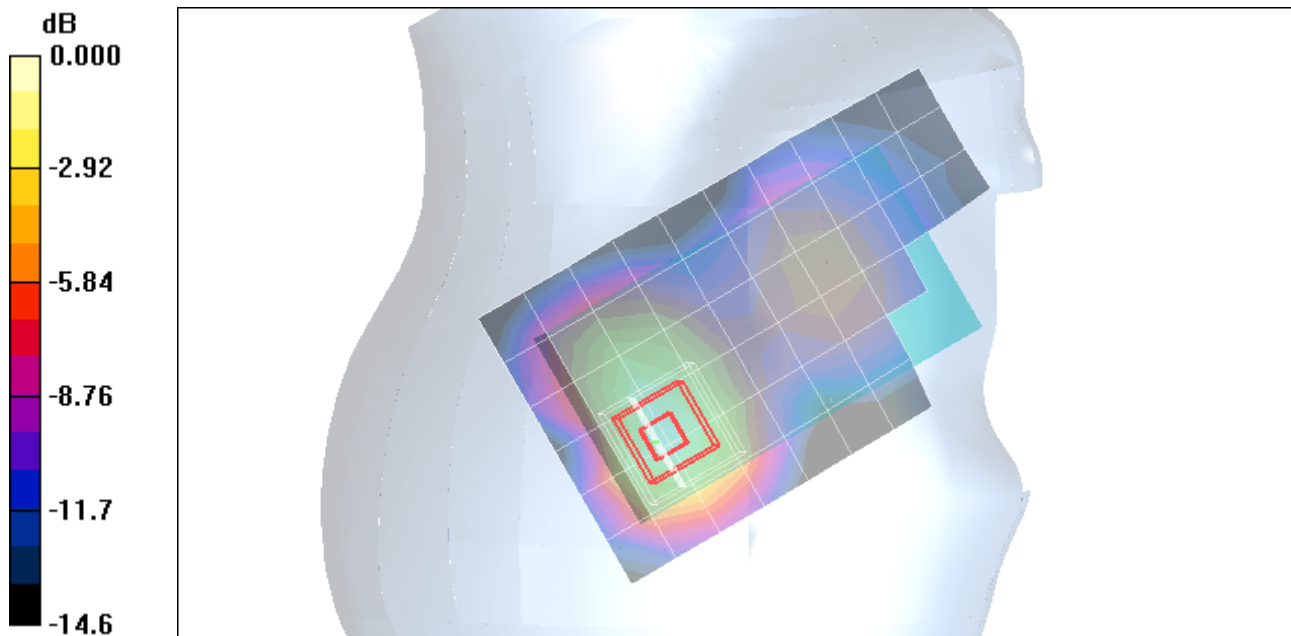
R-Tilt - M-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 15.8 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.472 mW/g



0 dB = 0.472mW/g

Test Laboratory: Compliance Certification Services

GSM1900 Body

DUT: Apple; Type: iPhone; Serial: 8891002C3NQ

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

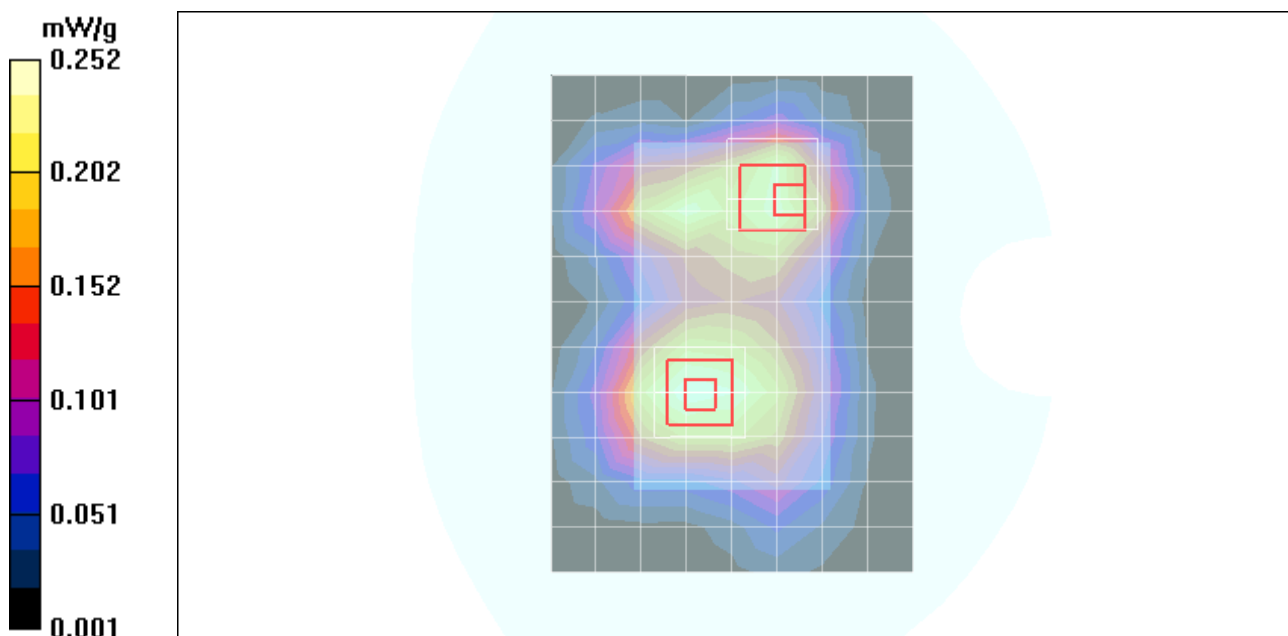
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.7, 8.7, 8.7); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LCD up - GPRS 2 slots Mid-ch/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.252 mW/g

LCD up - GPRS 2 slots Mid-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 10.0 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

LCD up - GPRS 2 slots Mid-ch/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 10.0 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.251 mW/g



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Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

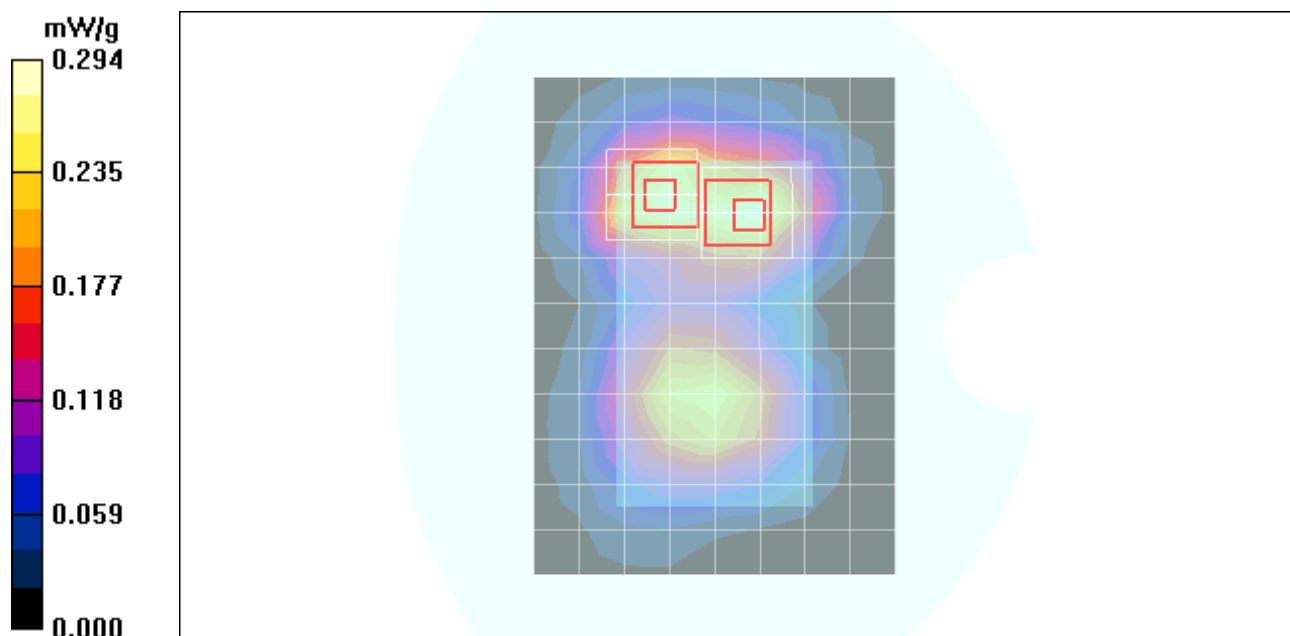
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.7, 8.7, 8.7); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LCD down - GPRS 2 slot Mid-ch/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.294 mW/g

LCD down - GPRS 2 slot Mid-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.79 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.293 mW/g

LCD down - GPRS 2 slot Mid-ch/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.79 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.312 mW/g



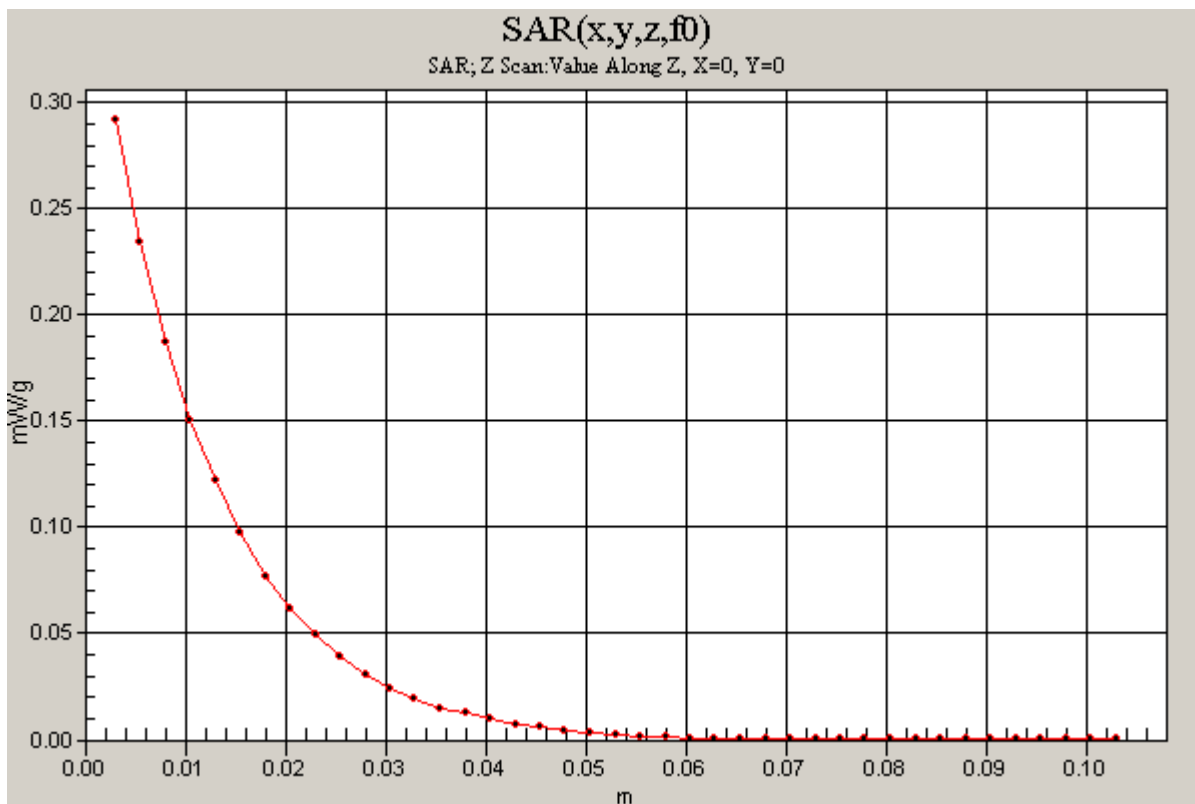
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GSM1900 Body

DUT: Apple; Type: iPhone; Serial: 8891002C3NQ

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4

LCD down - GPRS 2 slot Mid-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.292 mW/g



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 Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.7, 8.7, 8.7); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2 (Twin); Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

LCD down - GSM Mid-ch/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.251 mW/g

LCD down - GSM Mid-ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
 Reference Value = 9.89 V/m; Power Drift = 0.065 dB
 Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.139 mW/g
 Maximum value of SAR (measured) = 0.271 mW/g

LCD down - GSM Mid-ch/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm
 Reference Value = 9.89 V/m; Power Drift = 0.065 dB
 Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.133 mW/g
 Maximum value of SAR (measured) = 0.254 mW/g

