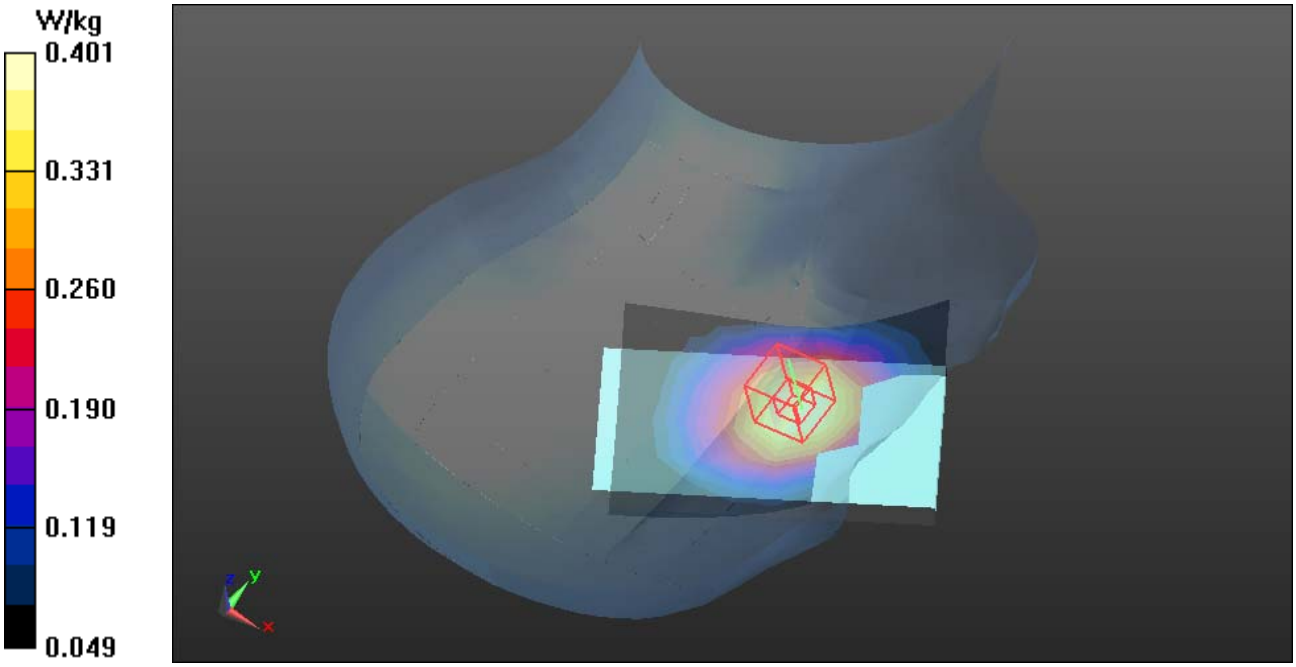
Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Right Head Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.901 S/m; ε_r = 43.075; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Right Head Cheek Middle CH190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.376 W/kg

GSM850/Right Head Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.867 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.401 W/kg

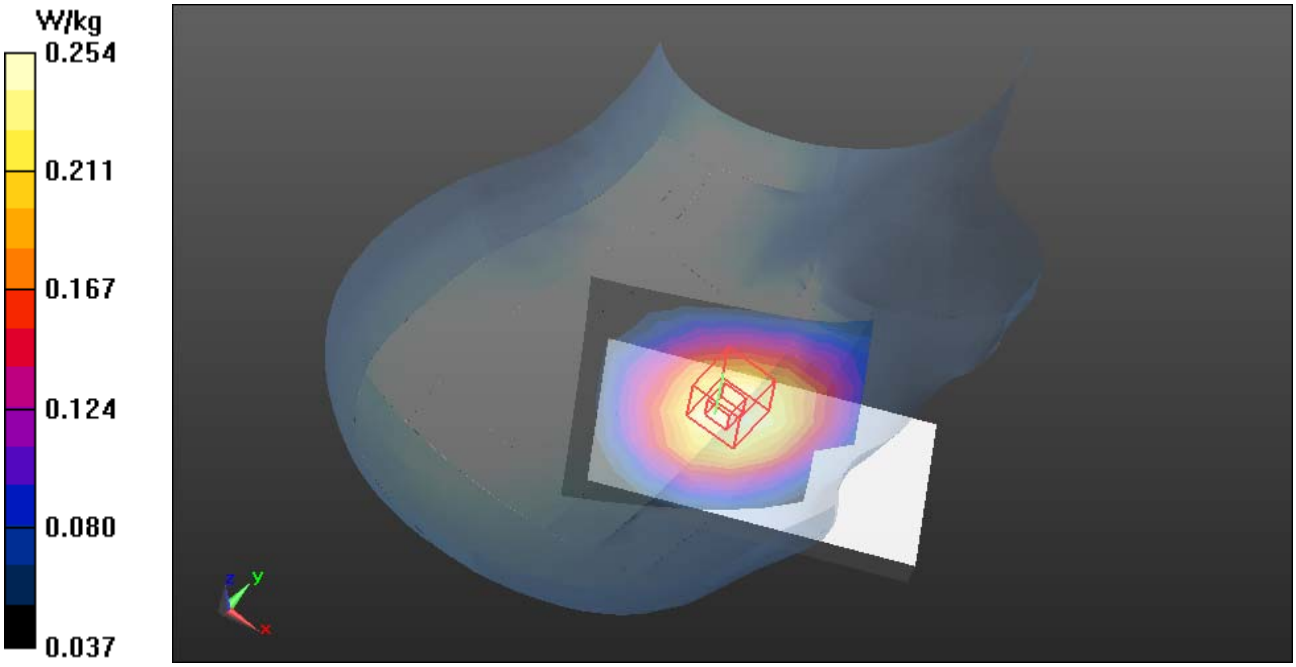


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Right Head Tilted CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.901 S/m; ε_r = 43.075; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Right Head Tilted Middle CH190/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.249 W/kg

GSM850/Right Head Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.465 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.254 W/kg

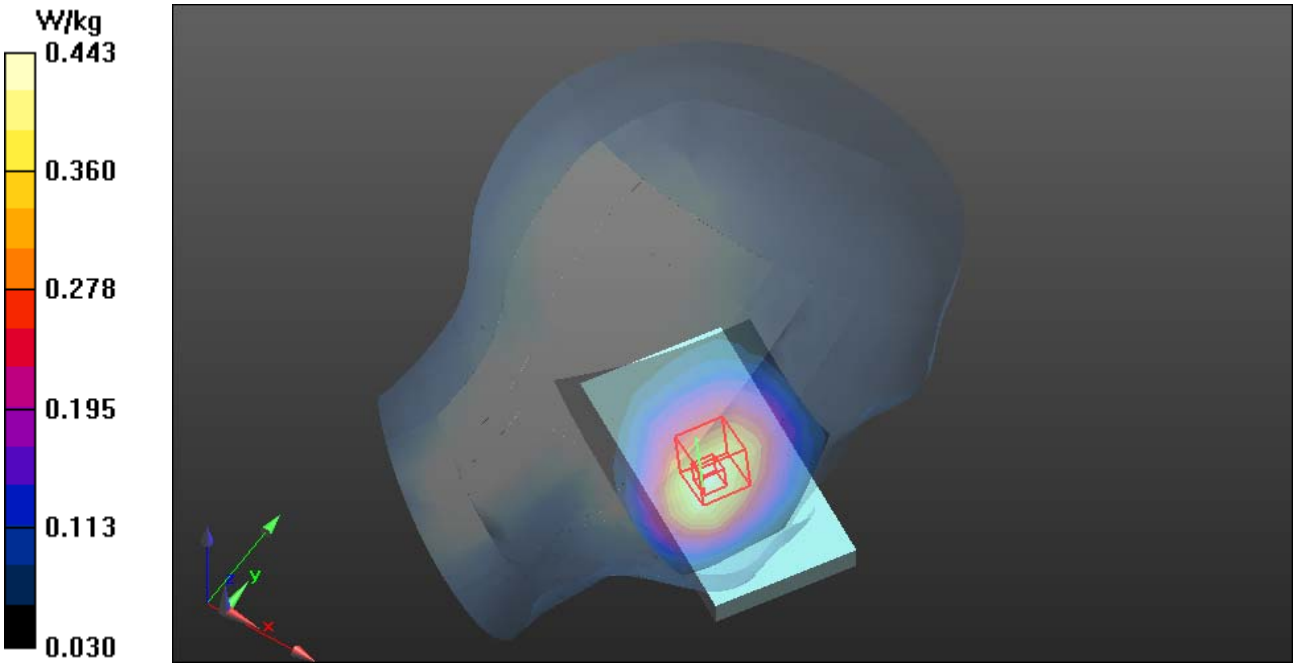


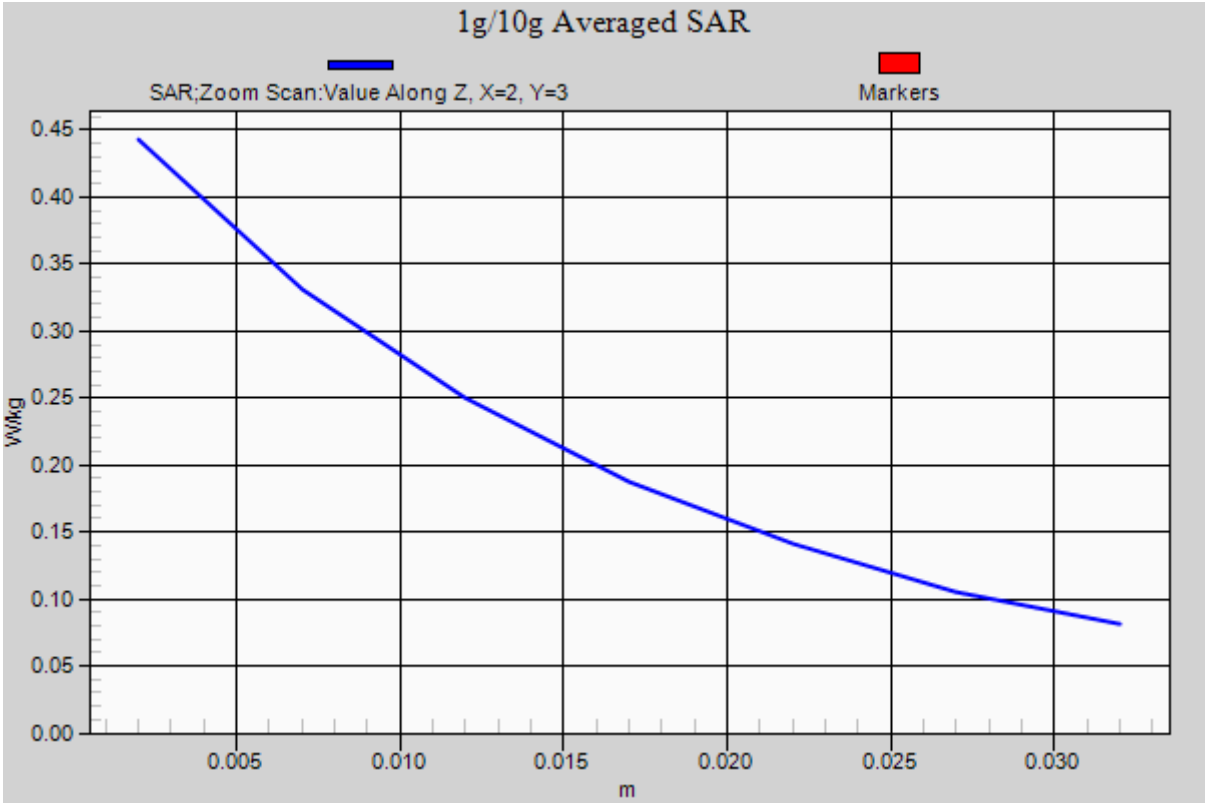
Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Left Head Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.908 S/m; ε_r = 41.072; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Left Head Cheek Middle CH190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.431 W/kg

GSM850/Left Head Cheek Middle CH190/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.092 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.443 W/kg



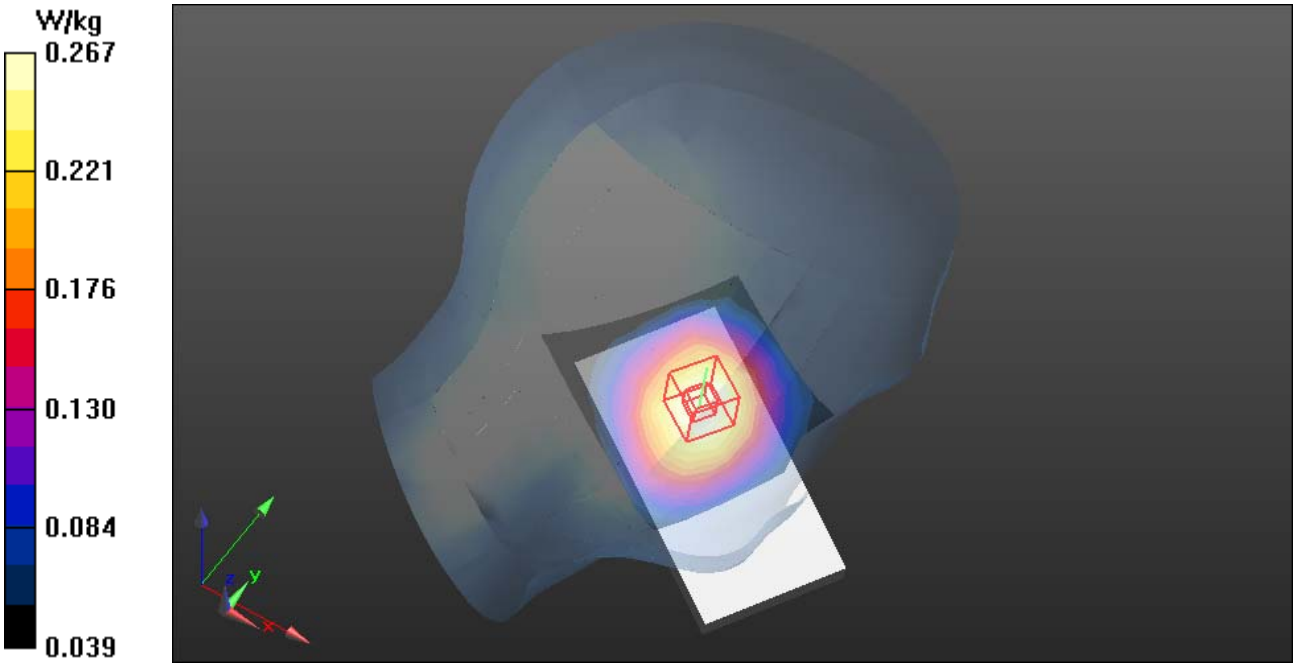

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=3
Markers
W/kg
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Left Head Tilted CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.908 S/m; ε_r = 41.072; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Left Head Tilted Middle CH190/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.274 W/kg

GSM850/Left Head Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.188 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.267 W/kg

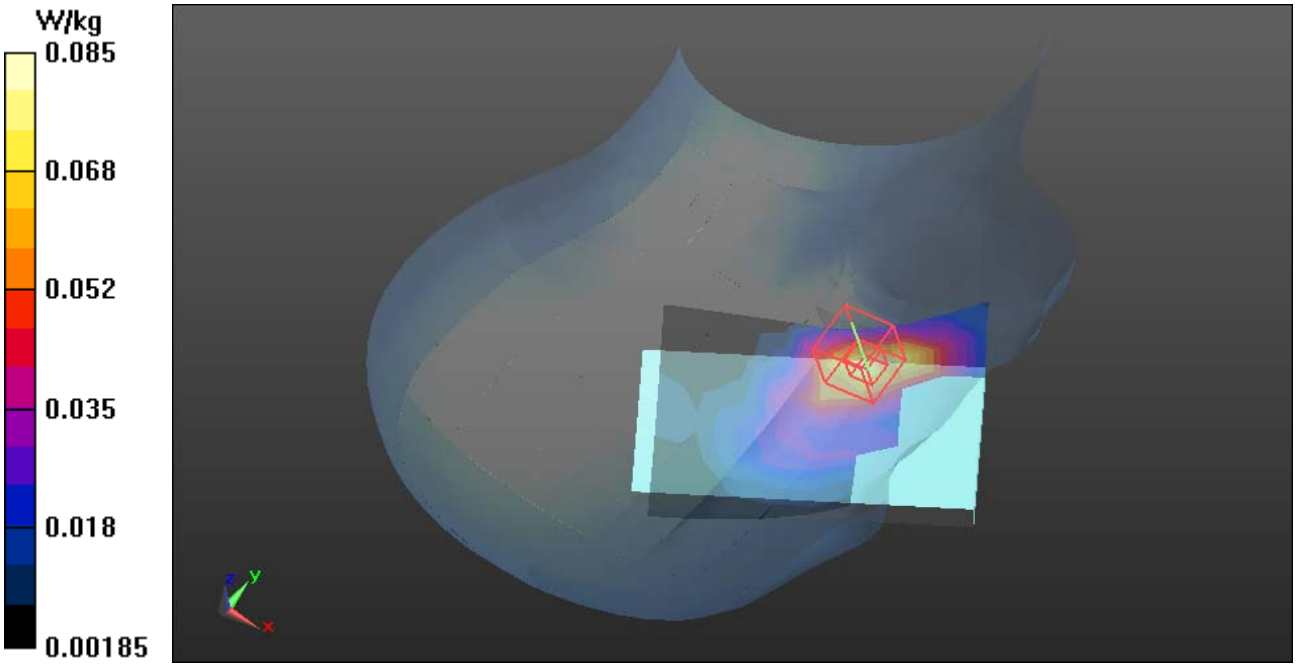


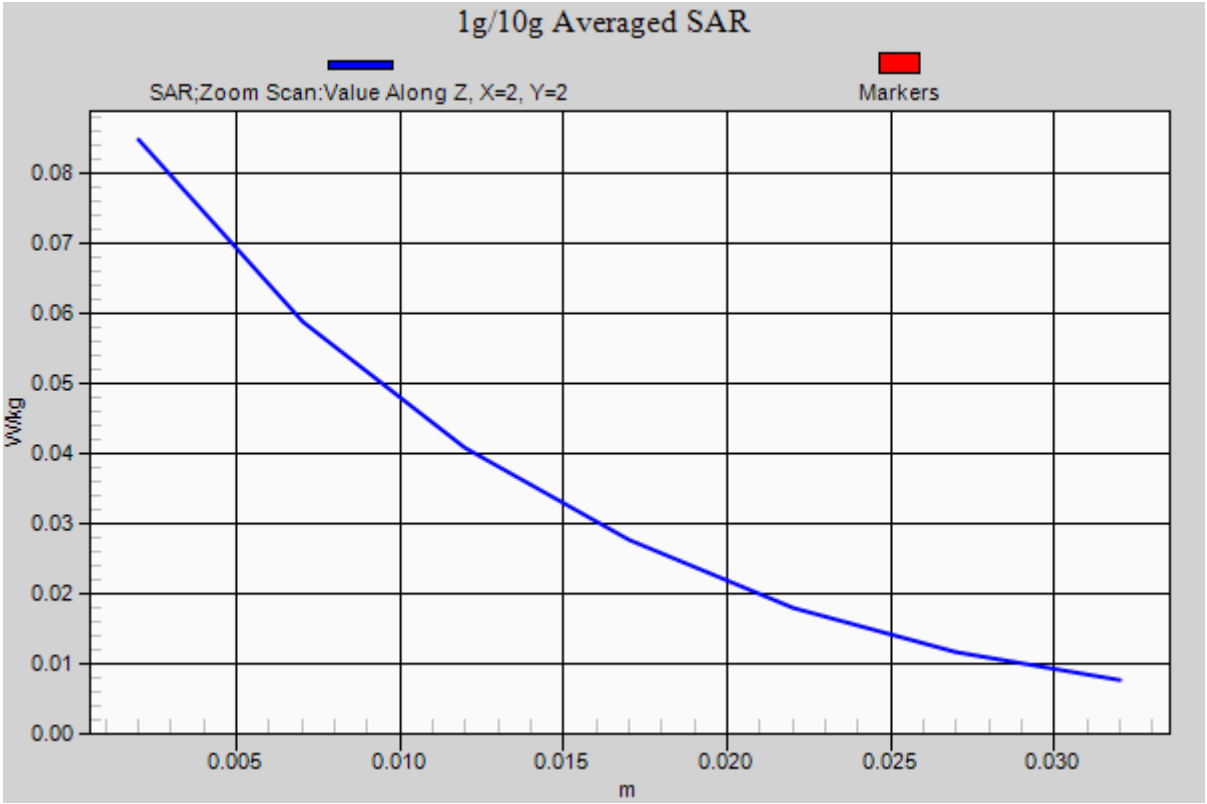
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Right Head Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 38.518; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Right Head Cheek Middle CH661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0824 W/kg

PCS1900/Right Head Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.108 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0847 W/kg



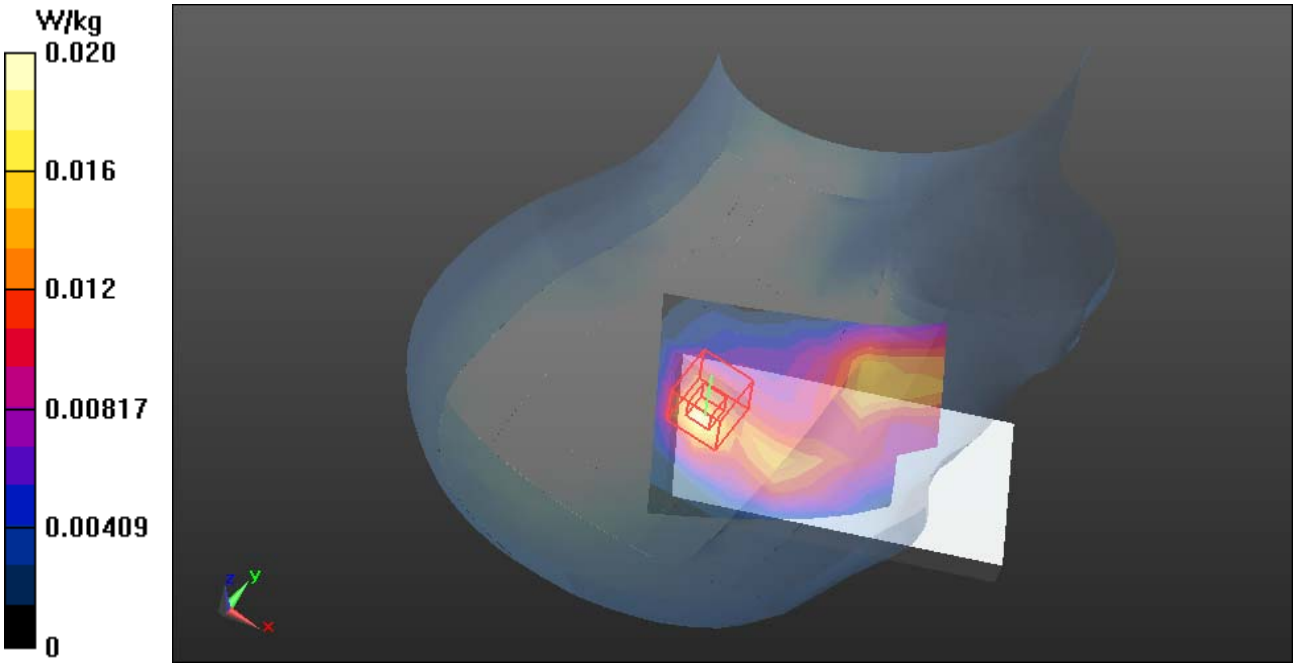

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
W/kg
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Right Head Tilted CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 38.518; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Right Head Tilted Middle CH661/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0204 W/kg

PCS1900/Right Head Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.703 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00945 W/kg
Maximum value of SAR (measured) = 0.0217 W/kg

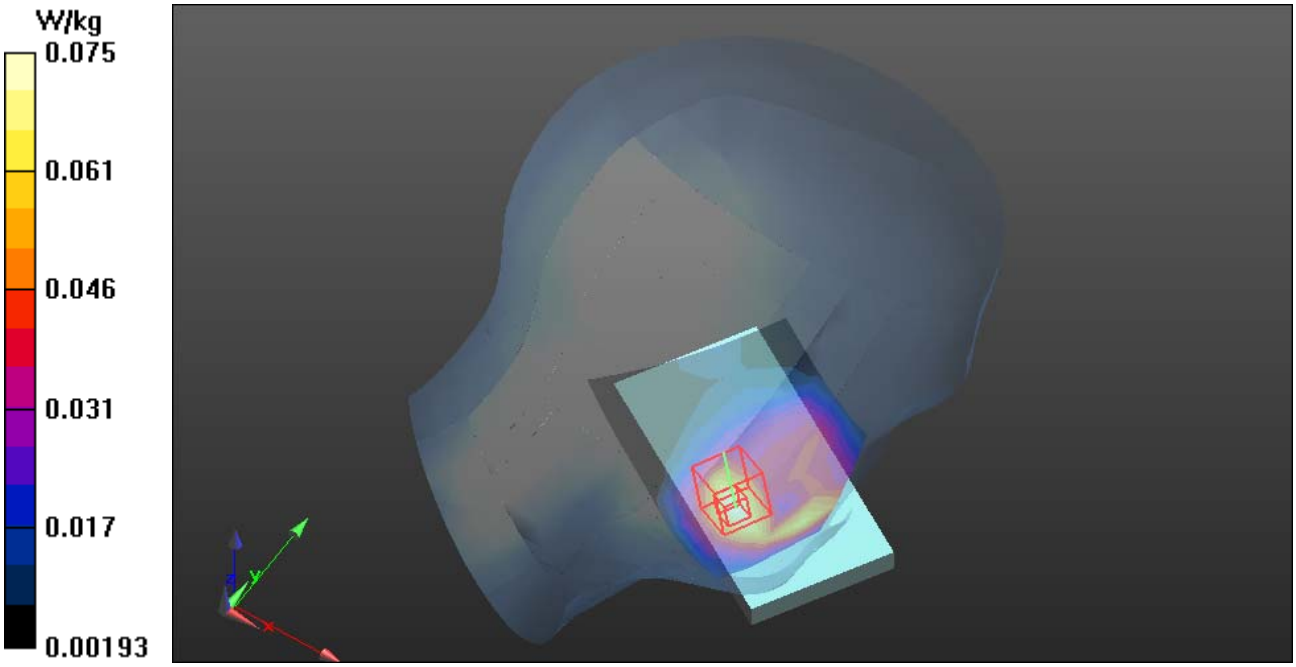


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Left Head Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 38.518; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Left Head Cheek Middle CH661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0792 W/kg

PCS1900/Left Head Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.879 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0752 W/kg

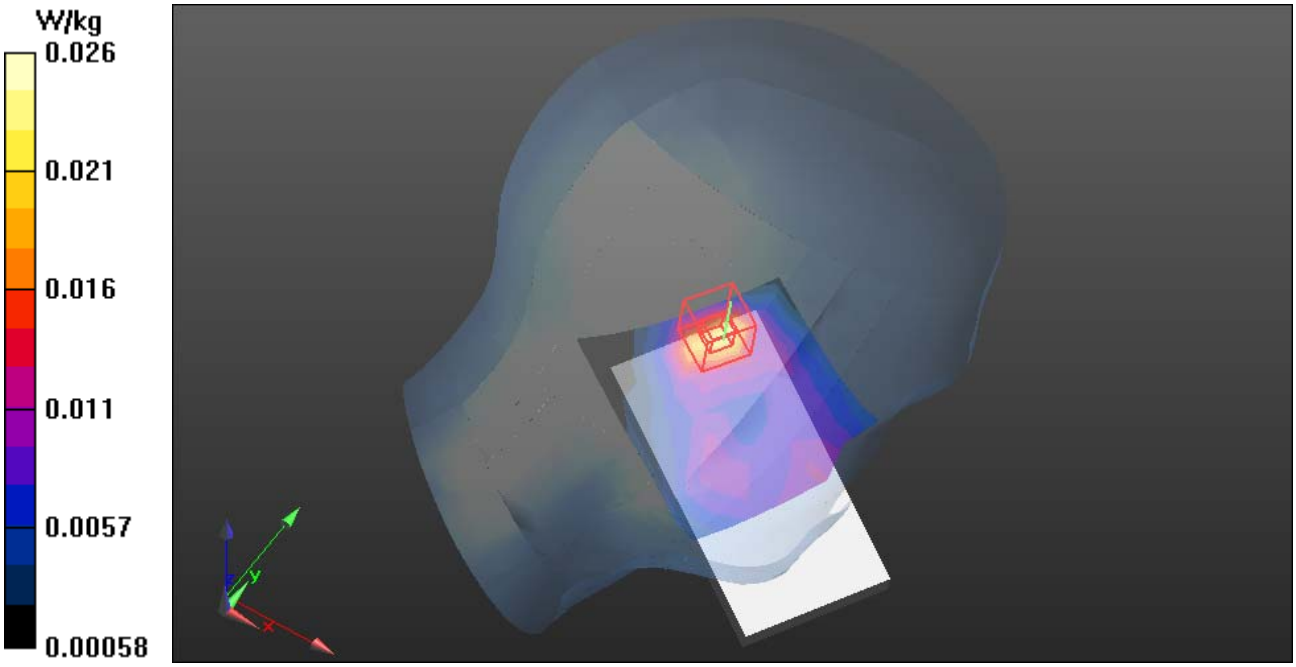


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Left Head Tilted CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.406 S/m; ε_r = 38.518; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Left Head Tilted Middle CH661/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0248 W/kg

PCS1900/Left Head Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.798 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0262 W/kg

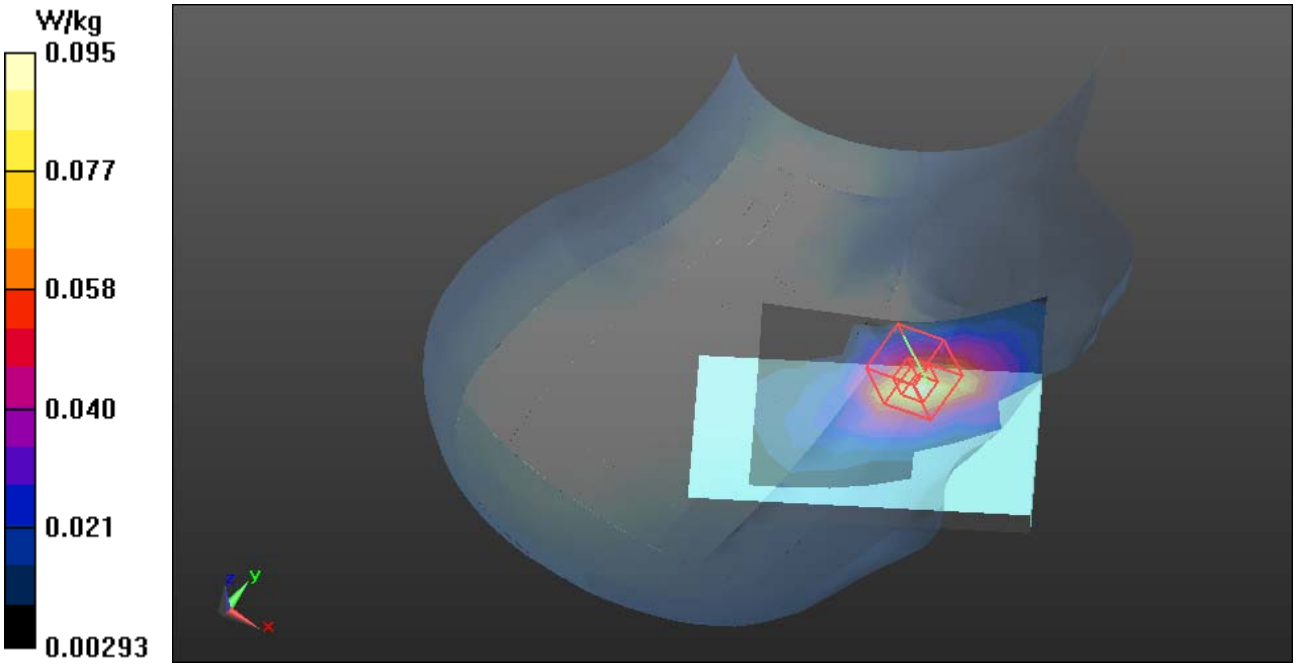


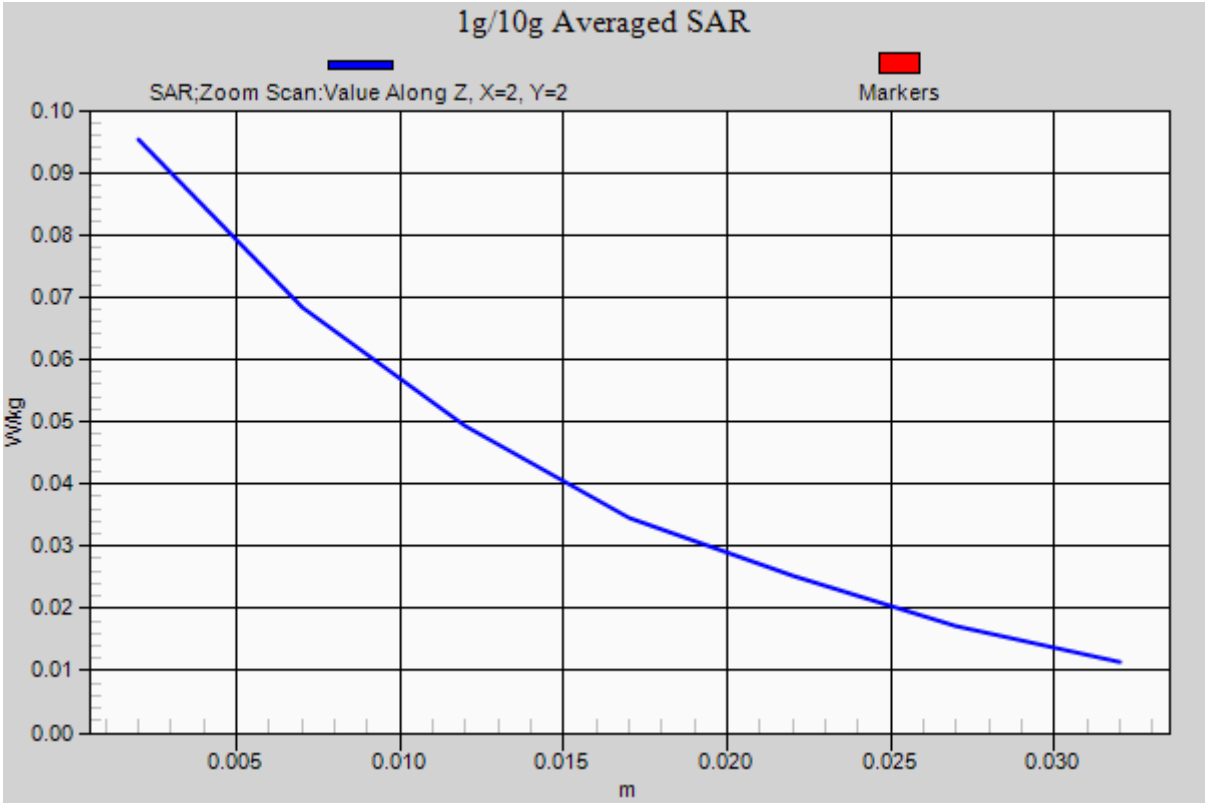
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Right Head Cheek Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.396 S/m; ε_r = 38.507; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.79, 7.79, 7.79); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

Band IV/Right Head Cheek Low CH1312/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0915 W/kg

Band IV/Right Head Cheek Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.0952 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Right Head Tilted Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.396 S/m; ε_r = 38.507; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

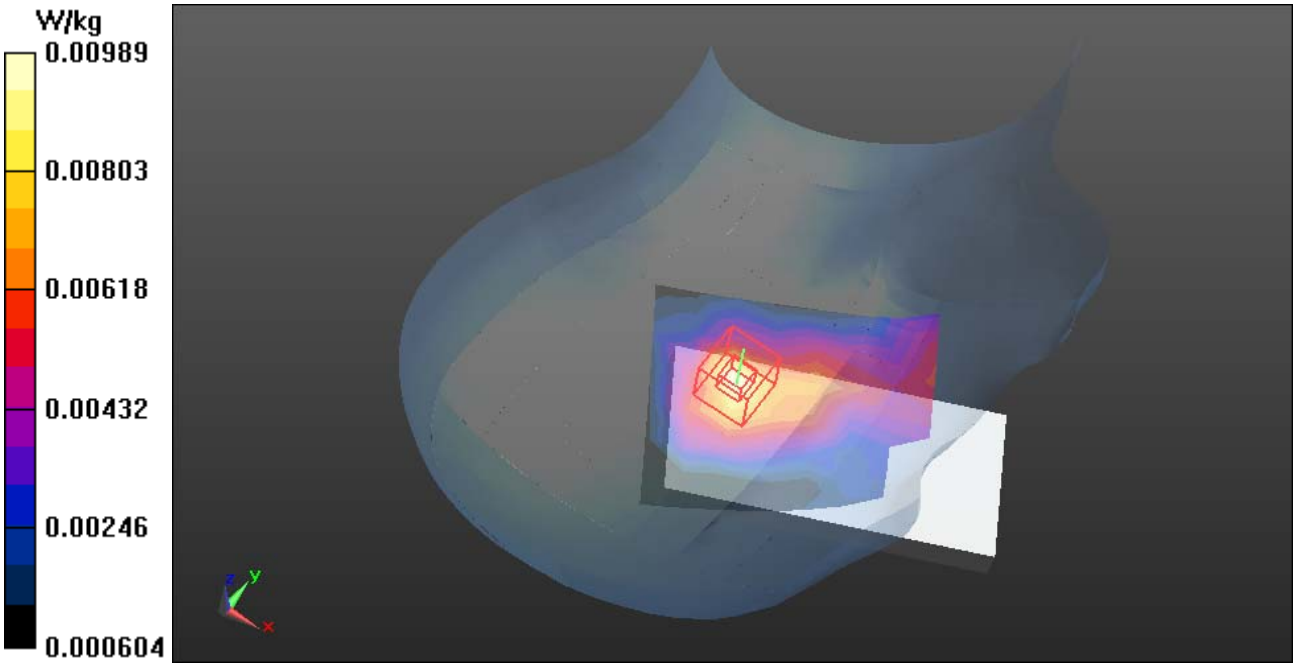
- Probe: EX3DV4 - SN3798; ConvF(7.79, 7.79, 7.79); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

Band IV/Right Head Tilted Low CH1312/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0101 W/kg

Band IV/Right Head Tilted Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.219 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.0081 W/kg; SAR(10 g) = 0.00568 W/kg

Maximum value of SAR (measured) = 0.00989 W/kg

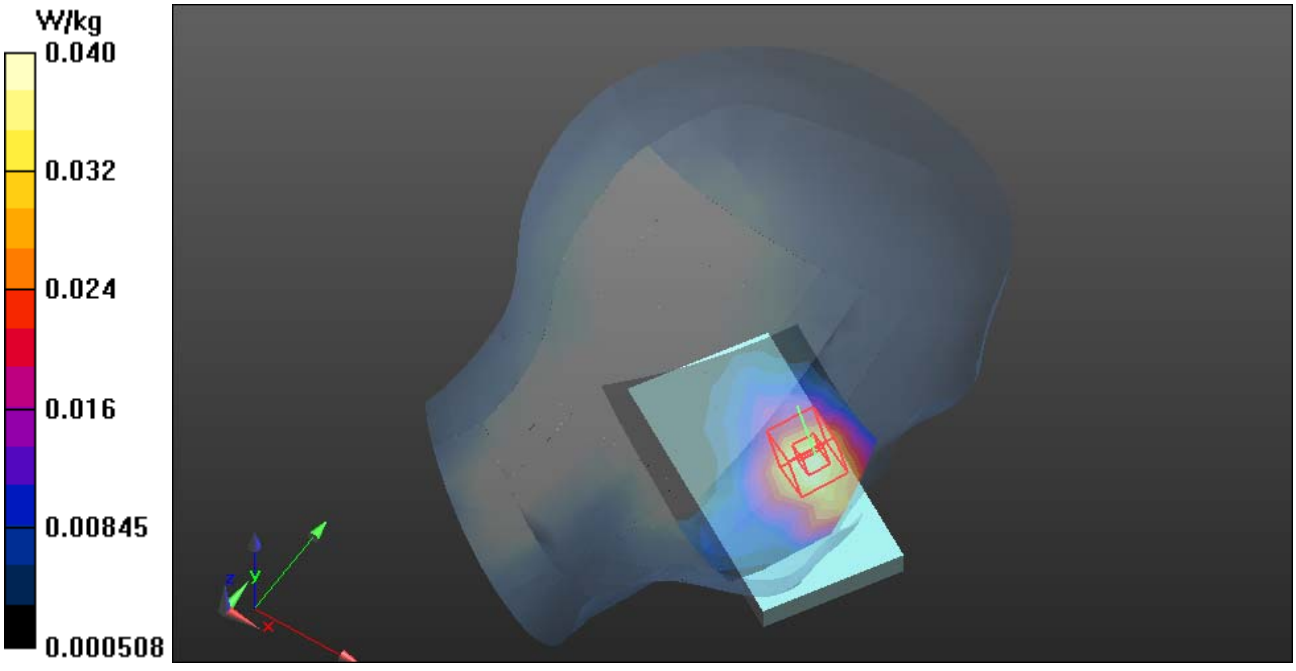


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Left Head Cheek Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.396 S/m; ε_r = 38.507; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.79, 7.79, 7.79); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

BandIV/Left Head Cheek Low CH1312/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0372 W/kg

BandIV/Left Head Cheek Low CH1312/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.398 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0402 W/kg



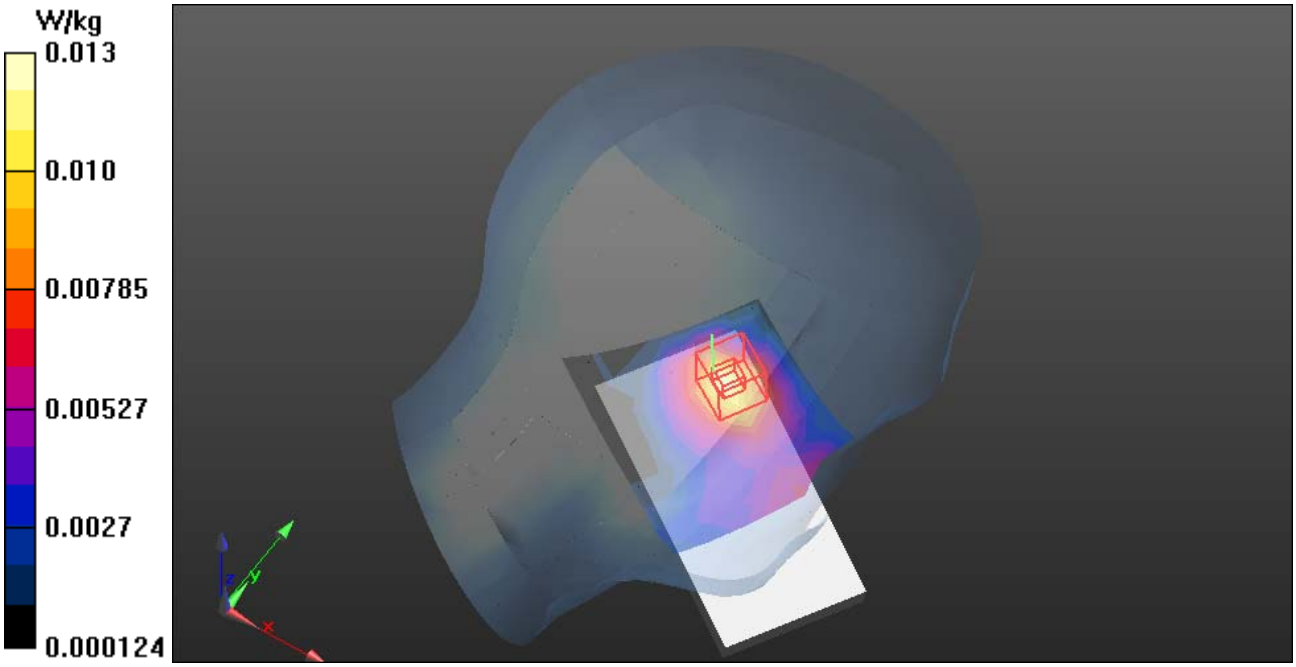
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Left Head Tilted Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.396 S/m; ε_r = 38.507; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.79, 7.79, 7.79); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

BandIV/Left Head Tilted Low CH1312/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0128 W/kg

BandIV/Left Head Tilted Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.671 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00712 W/kg
Maximum value of SAR (measured) = 0.0130 W/kg

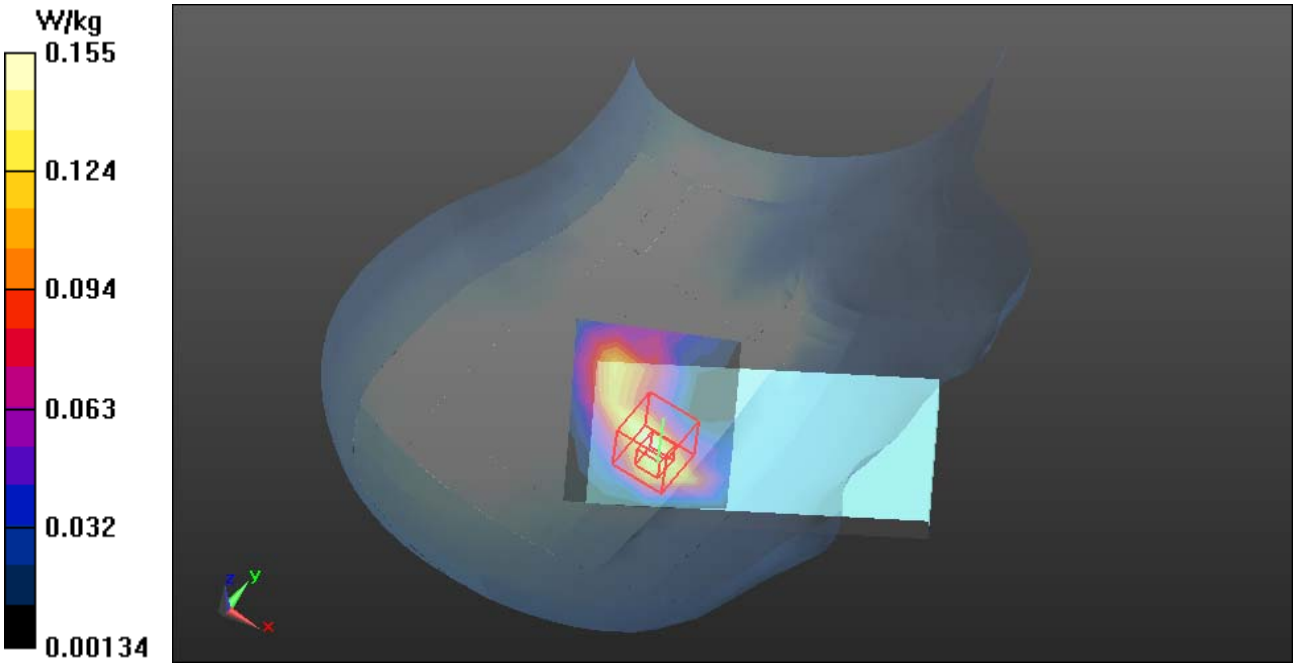


Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Right Head Check Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.765 S/m; ε_r = 38.352; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Right Head Check Middle CH6/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.155 W/kg

WIFI/IEEE802.11b Right Head Check Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.792 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.064 W/kg
Maximum value of SAR (measured) = 0.191 W/kg

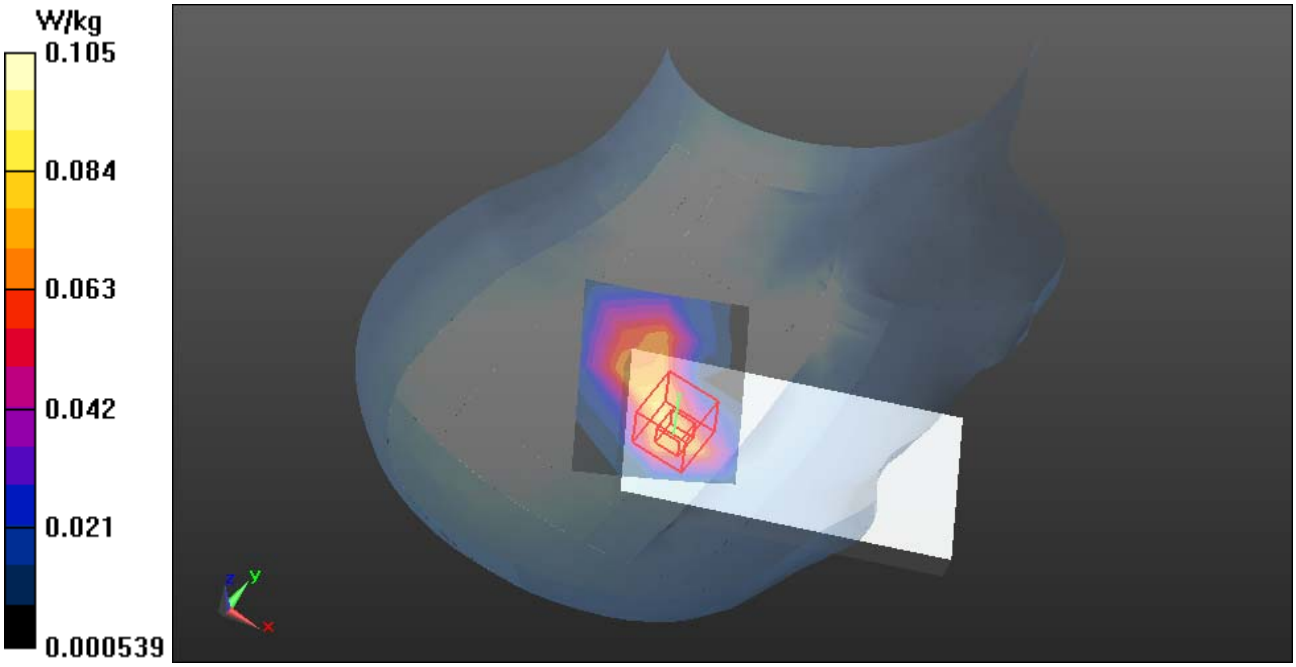


Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Right Head Tilted Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.765 S/m; ε_r = 38.352; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Right Head Tilted Middle CH6/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0879 W/kg

WIFI/IEEE802.11b Right Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.454 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.105 W/kg

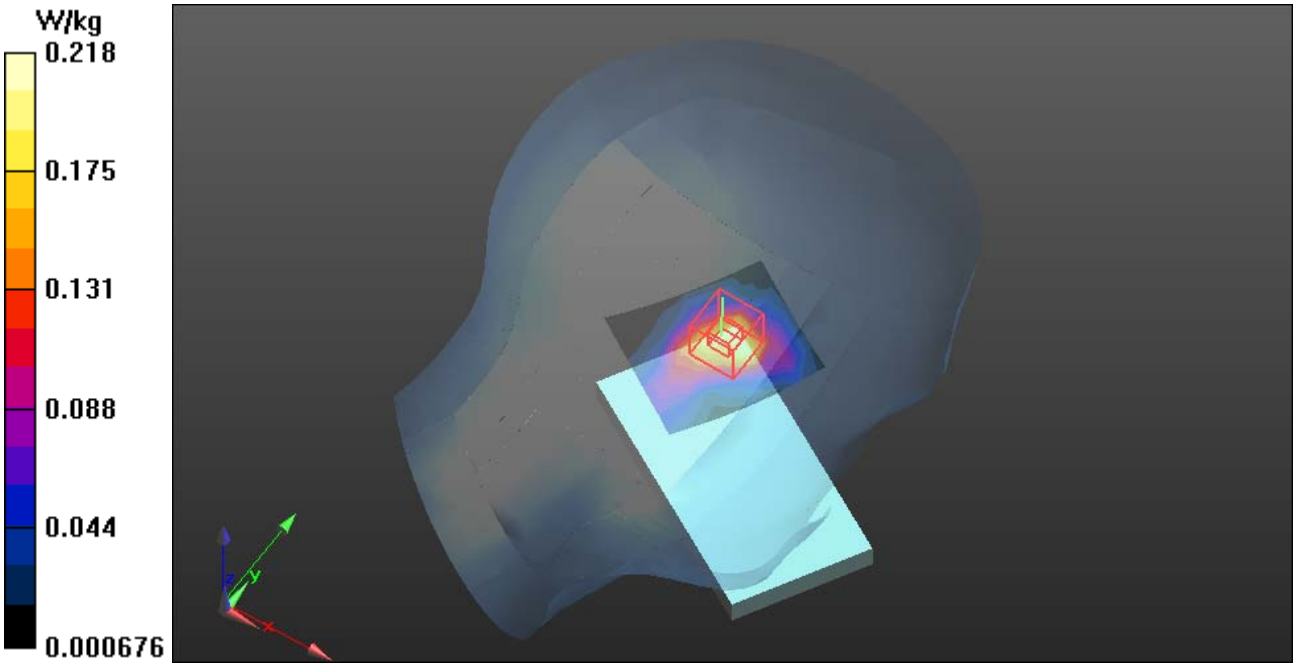


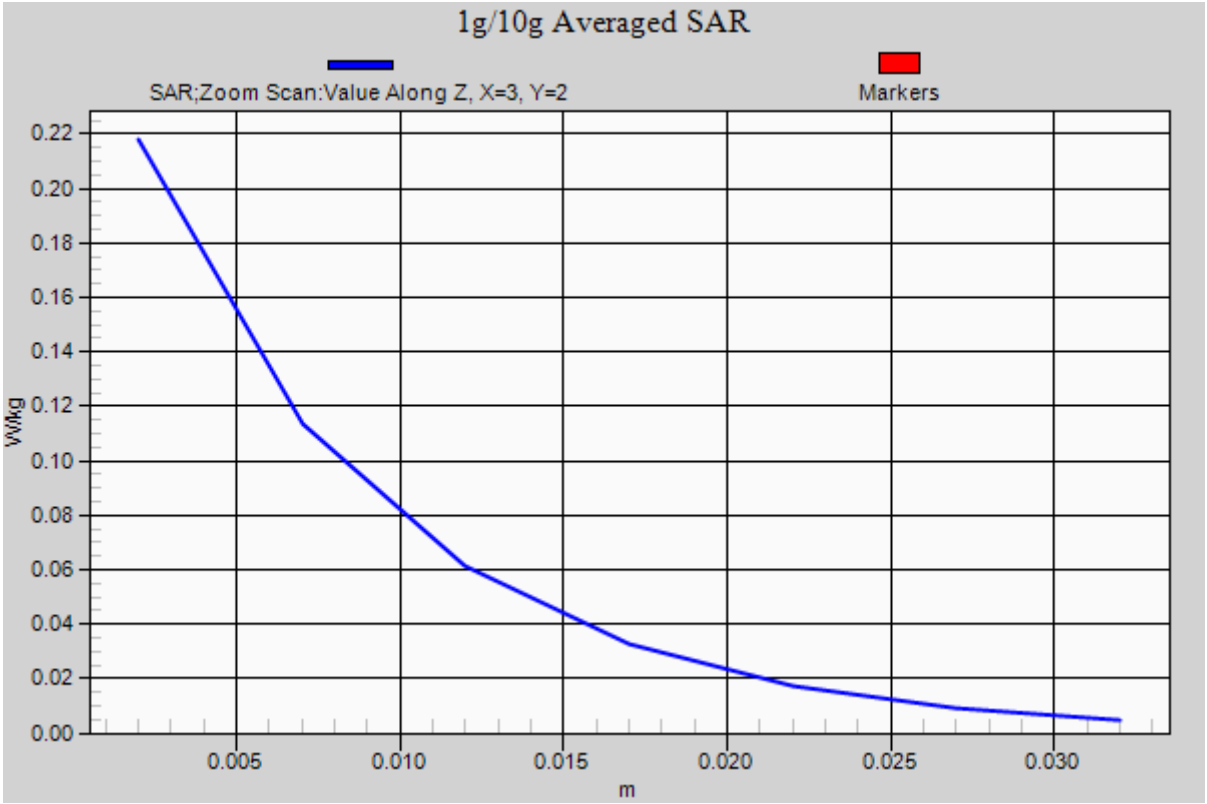
Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Left Head Check Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.765 S/m; ε_r = 38.352; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Left Head Check Middle CH6/Area Scan (7x6x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.206 W/kg

WIFI/IEEE802.11b Left Head Check Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.439 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



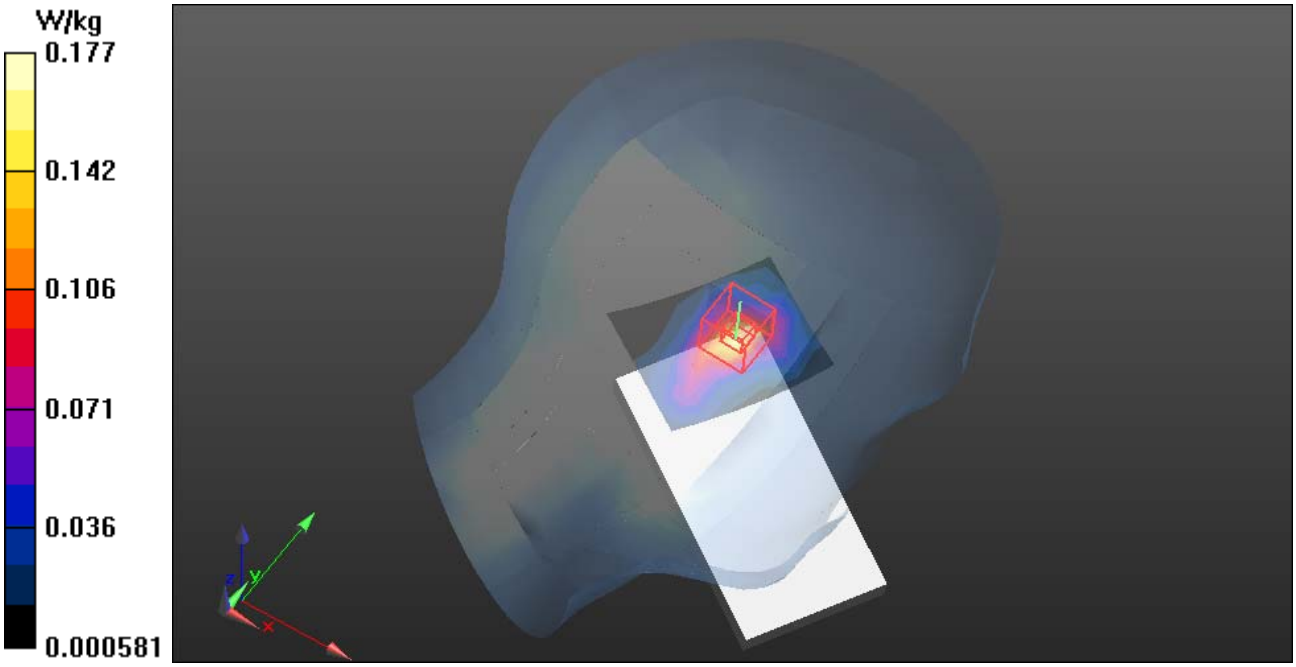

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
W/kg
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Left Head Tilted Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.765 S/m; ε_r = 38.352; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Left Head Tilted Middle CH6/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.165 W/kg

WIFI/IEEE802.11b Left Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.637 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.177 W/kg

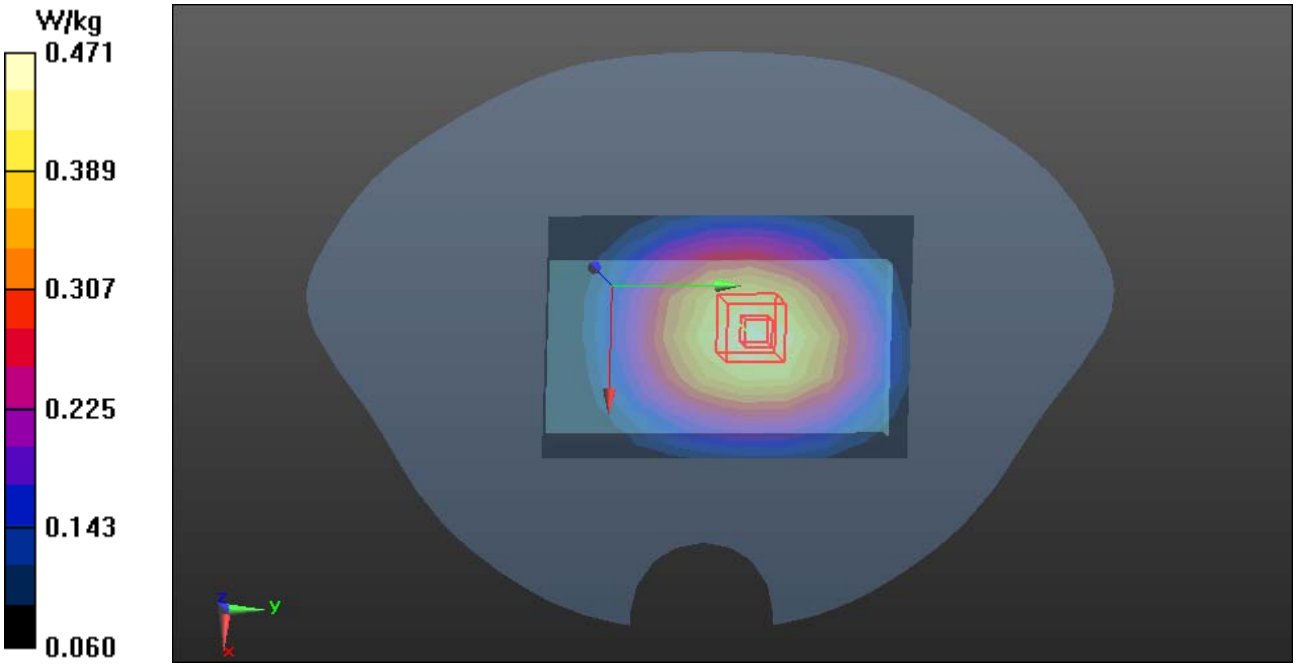


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Body Front Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/GSM850 Body Front Middle CH190/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.459 W/kg

GSM 850/GSM850 Body Front Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.168 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.471 W/kg

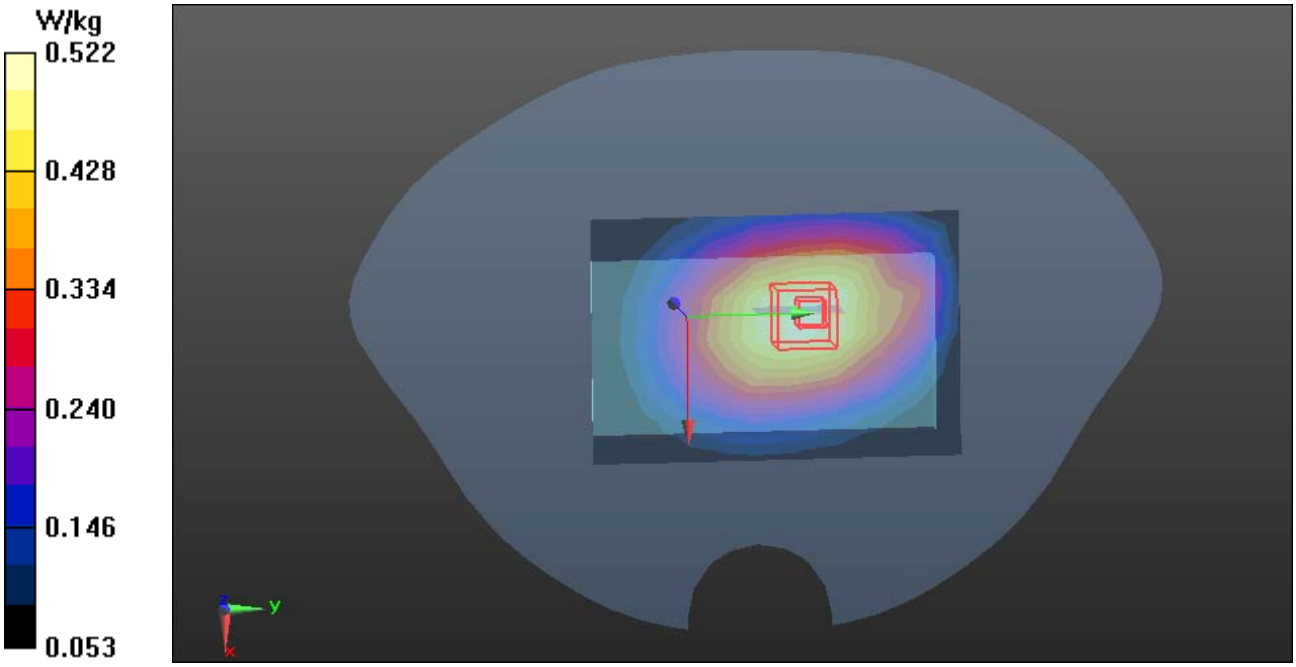


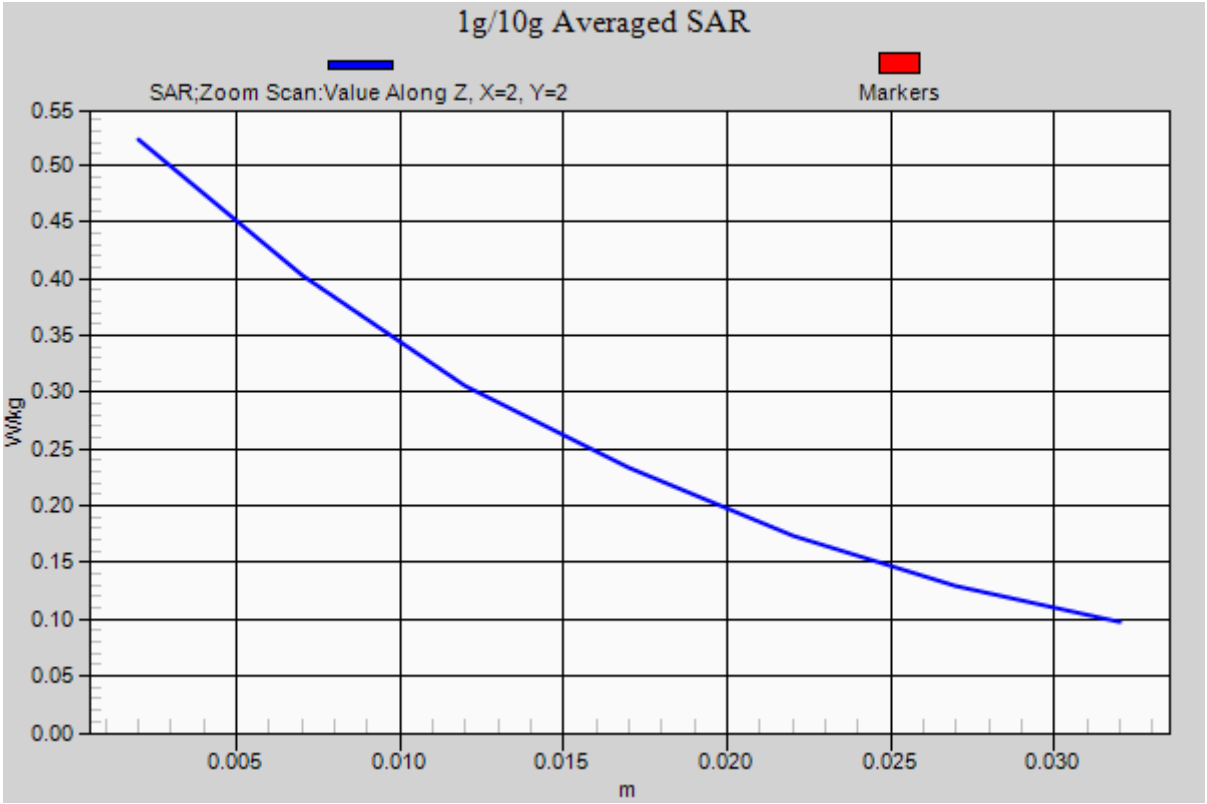
Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Body Rear Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/GSM850 Body Rear Middle CH190/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.499 W/kg

GSM 850/GSM850 Body Rear Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.708 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.330 W/kg
Maximum value of SAR (measured) = 0.522 W/kg



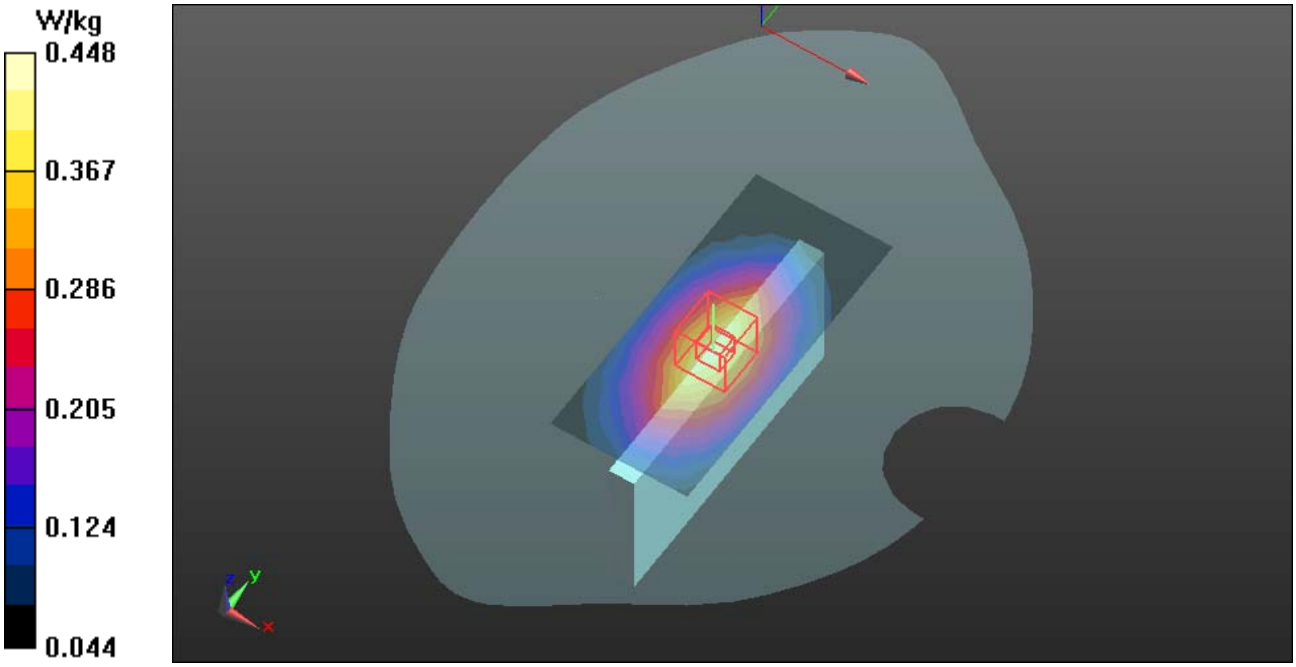

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
W/kg
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Body Right side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (10x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.434 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.926 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.448 W/kg

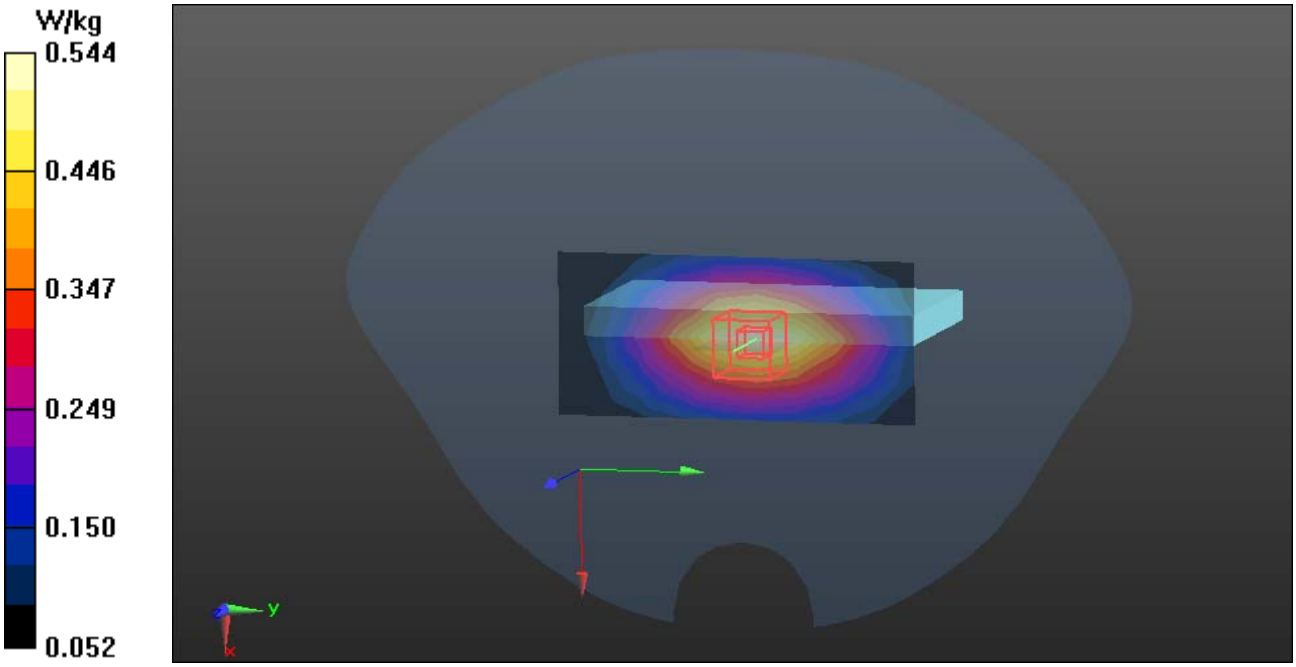


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Body Left side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (10x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.544 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.142 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.301 W/kg

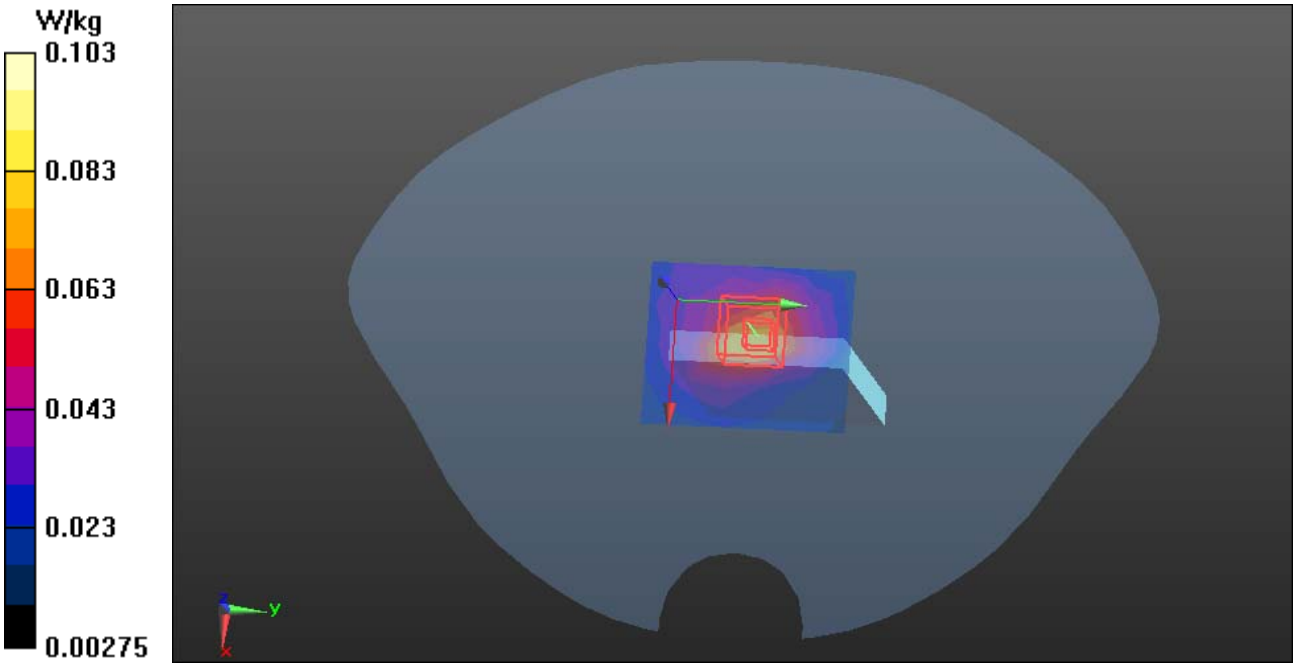


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GSM 850-Body Bottom side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0770 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.878 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.103 W/kg

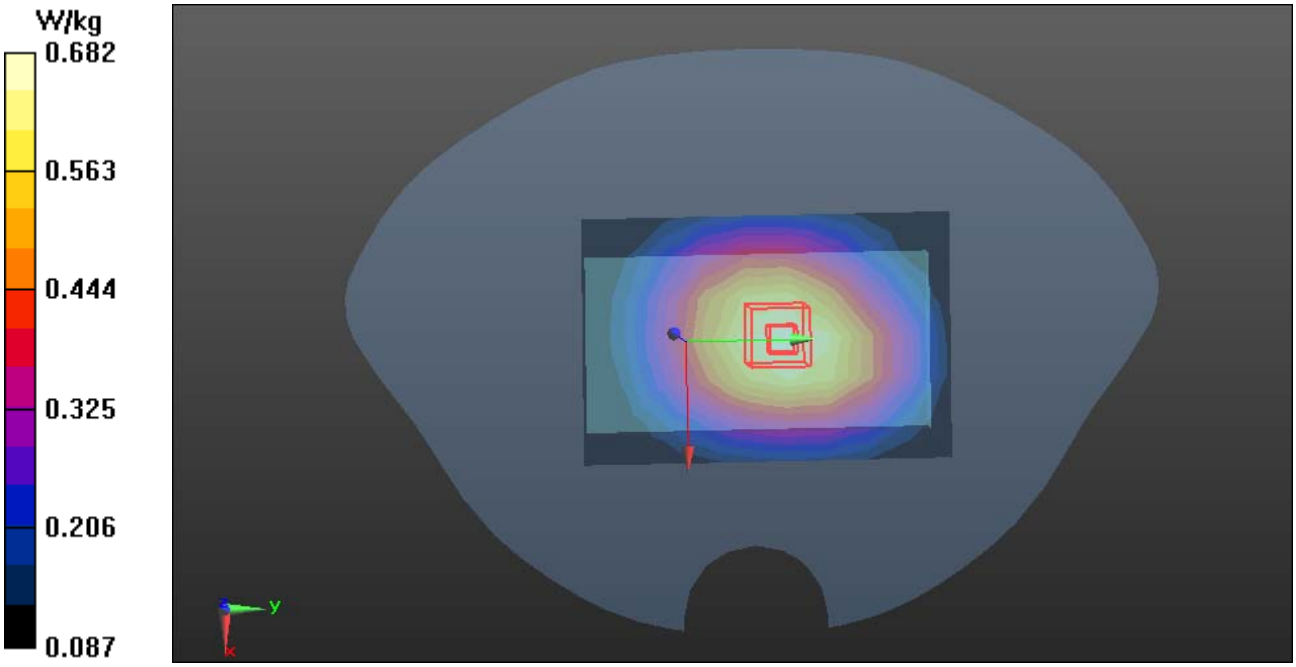


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GPRS 850-Body Front Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:2.66686
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS850/GPRS850 Body Front Middle CH190/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.674 W/kg

GPRS850/GPRS850 Body Front Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.033 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 0.682 W/kg

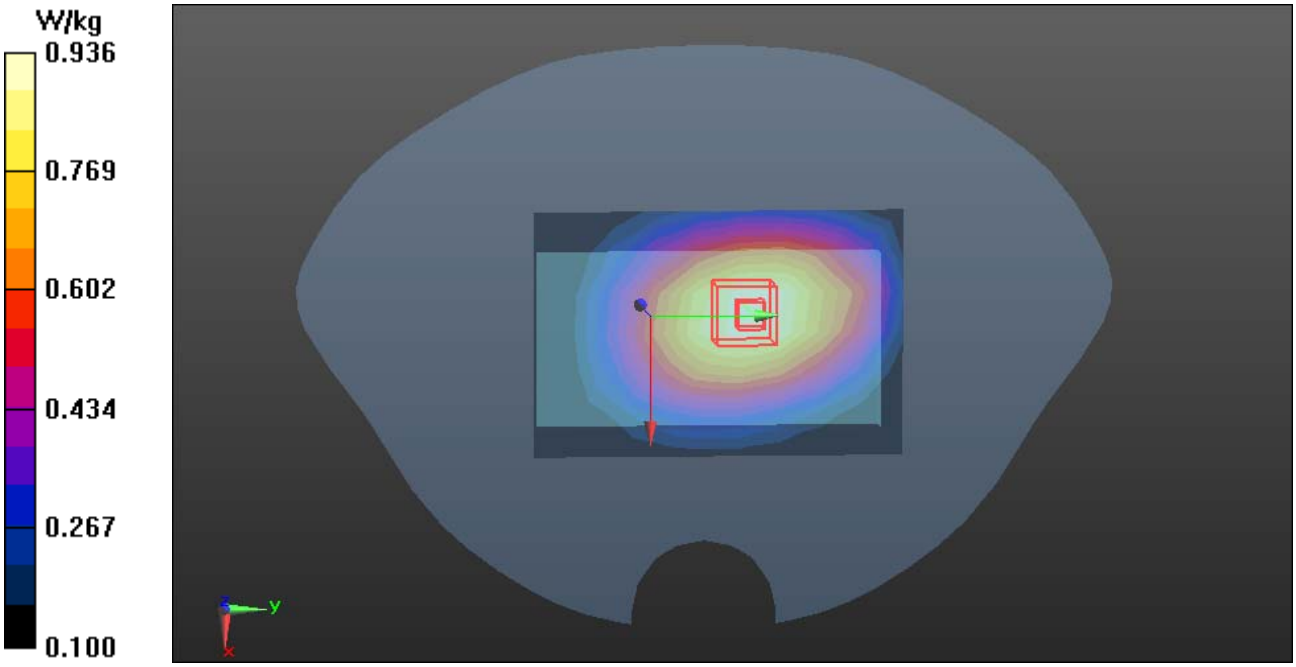


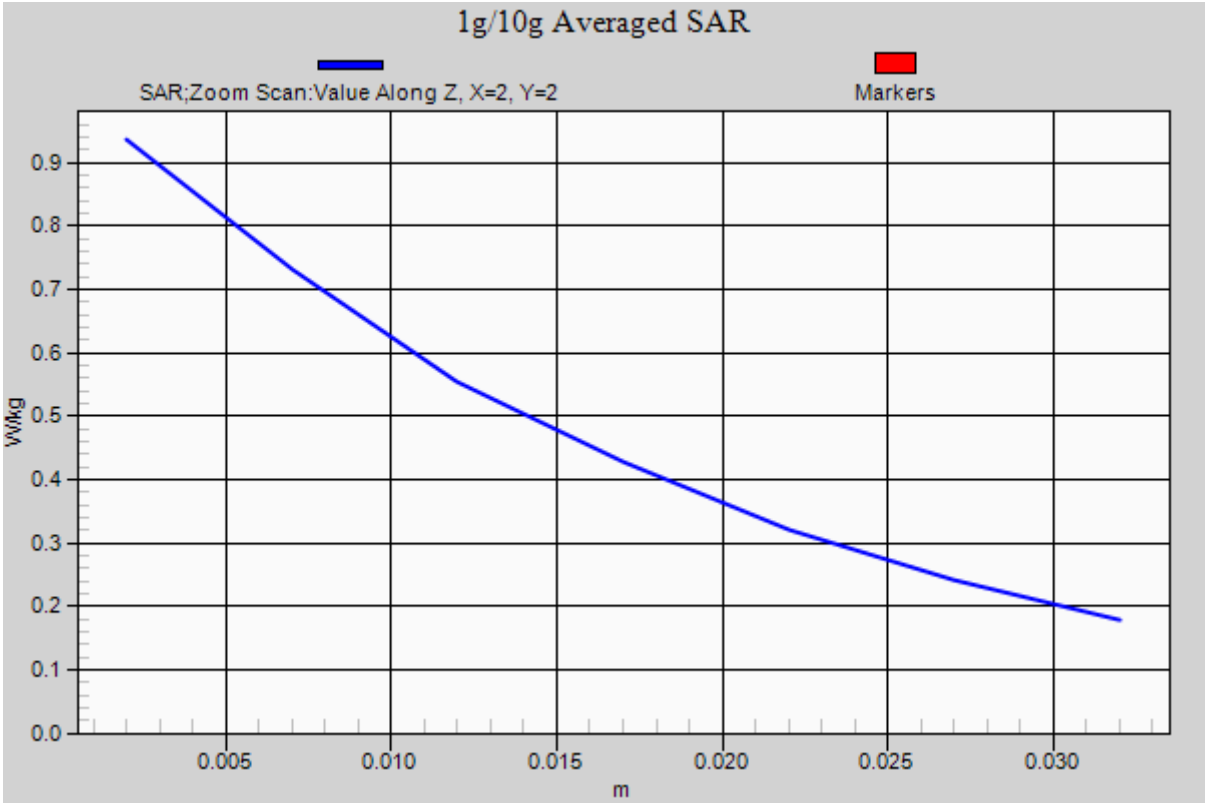
Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GPRS 850-Body Rear Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 836.6 MHz;Duty Cycle: 1:2.66686
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS850/GPRS850 Body Rear Middle CH190/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.906 W/kg

GPRS850/GPRS850 Body Rear Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.585 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.500 W/kg
Maximum value of SAR (measured) = 0.936 W/kg



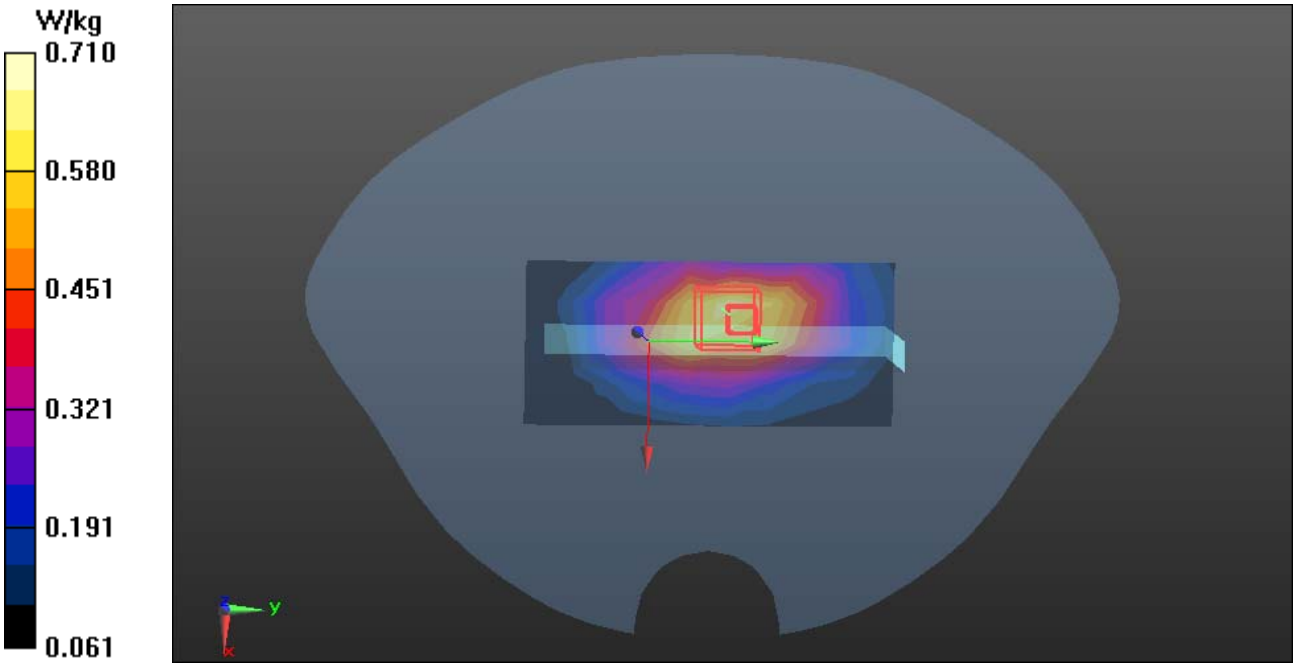

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
W/kg
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GPRS 850-Body Right side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:2.66686
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (10x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.656 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.827 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.807 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.369 W/kg
Maximum value of SAR (measured) = 0.710 W/kg

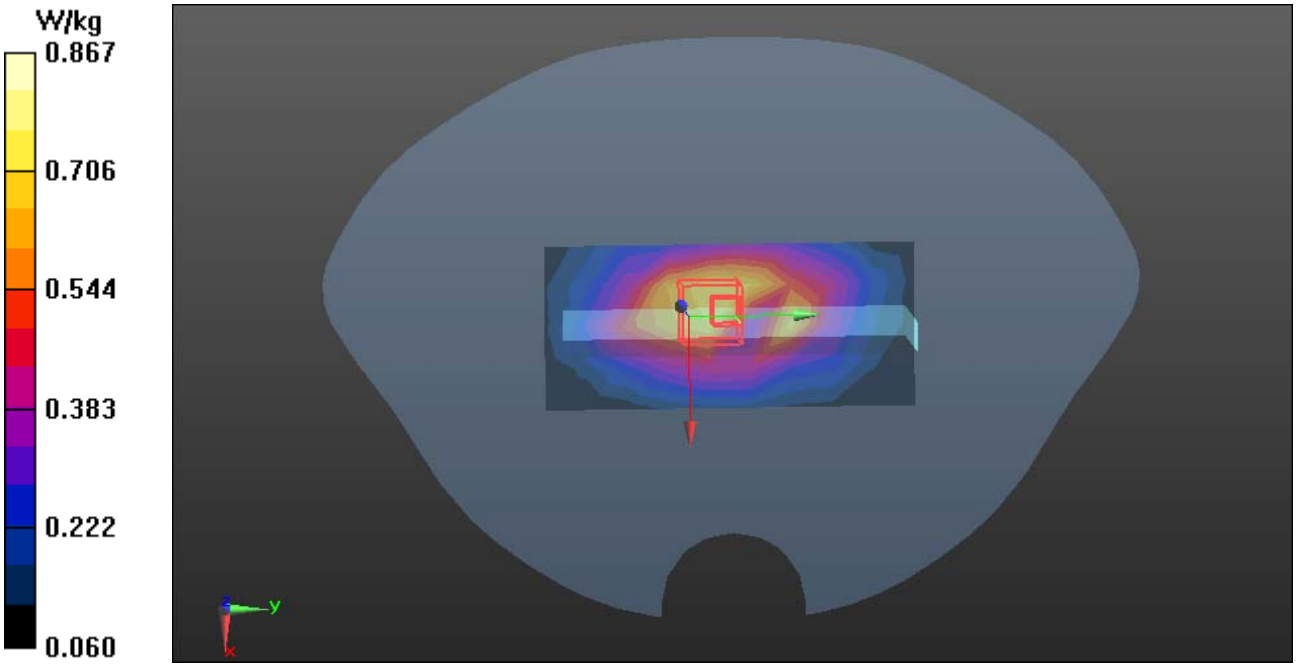


Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GPRS 850-Body Left side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:2.66686
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (10x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.749 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.294 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.867 W/kg



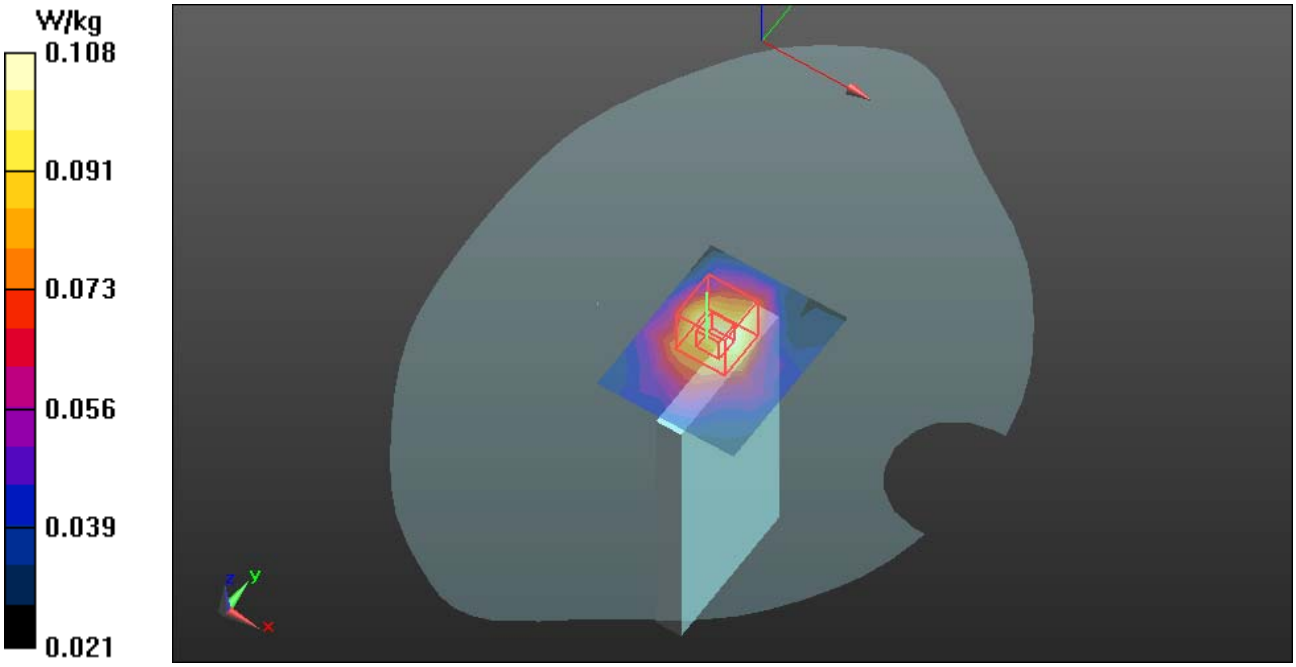
Test Laboratory: Compliance Certification Services Inc. Date: 10/18/2013
GPRS 850-Body Bottom side Middle CH190
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz);
Frequency: 836.6 MHz;Duty Cycle: 1:2.66686
Medium parameters used: f = 837 MHz; σ = 0.987 S/m; ε_r = 54.688; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM 850/Middle CH190/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.108 W/kg

GSM 850/Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.259 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.154 W/kg

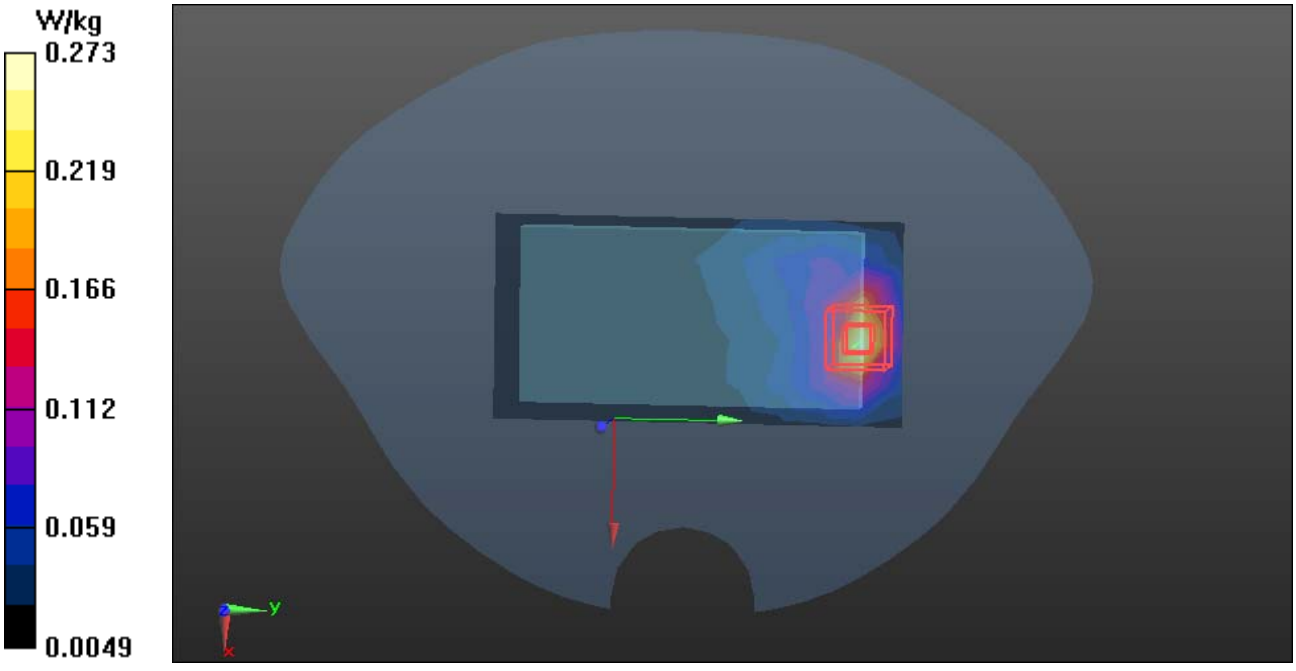


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Body Front Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS 1900/Front Middle CH661/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.272 W/kg

PCS 1900/Front Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.291 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.273 W/kg

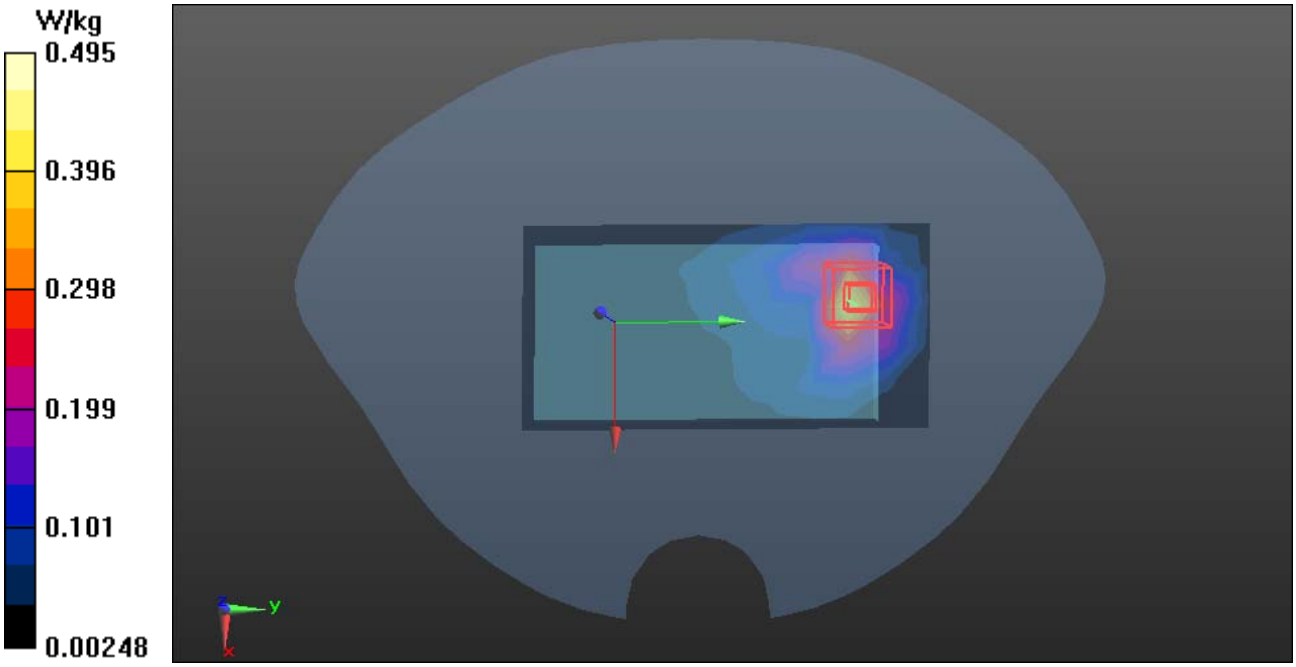


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS 1900-Body Rear Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS 1900/Rear Middle CH661/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.441 W/kg

PCS 1900/Rear Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.497 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.495 W/kg

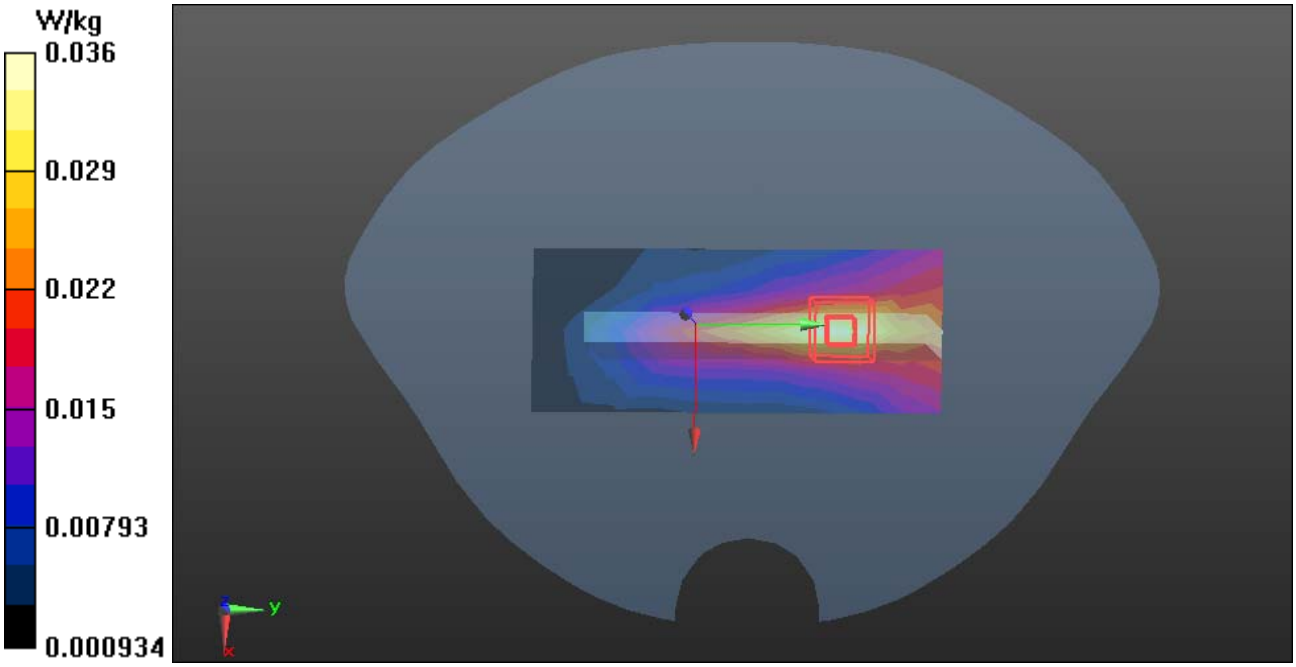


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS1900-Body Right side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Middle CH661/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0347 W/kg

PCS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.133 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0359 W/kg

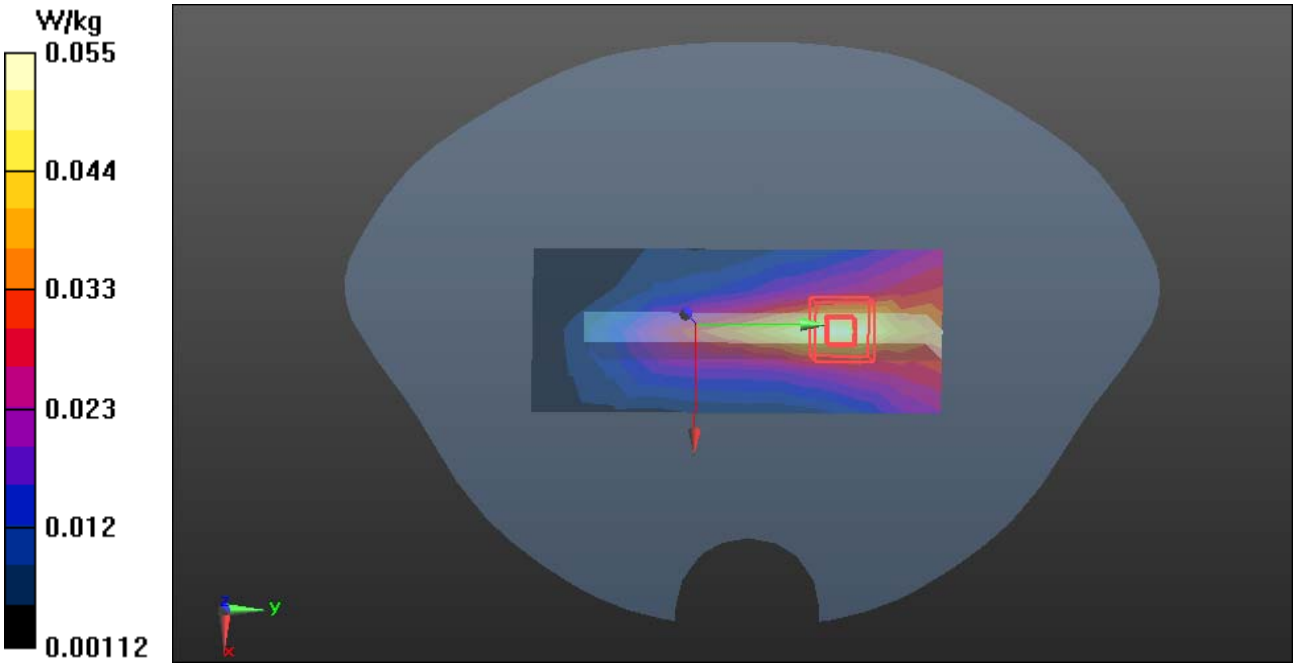


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS1900-Body Left side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Middle CH661/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0500 W/kg

PCS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.128 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0546 W/kg

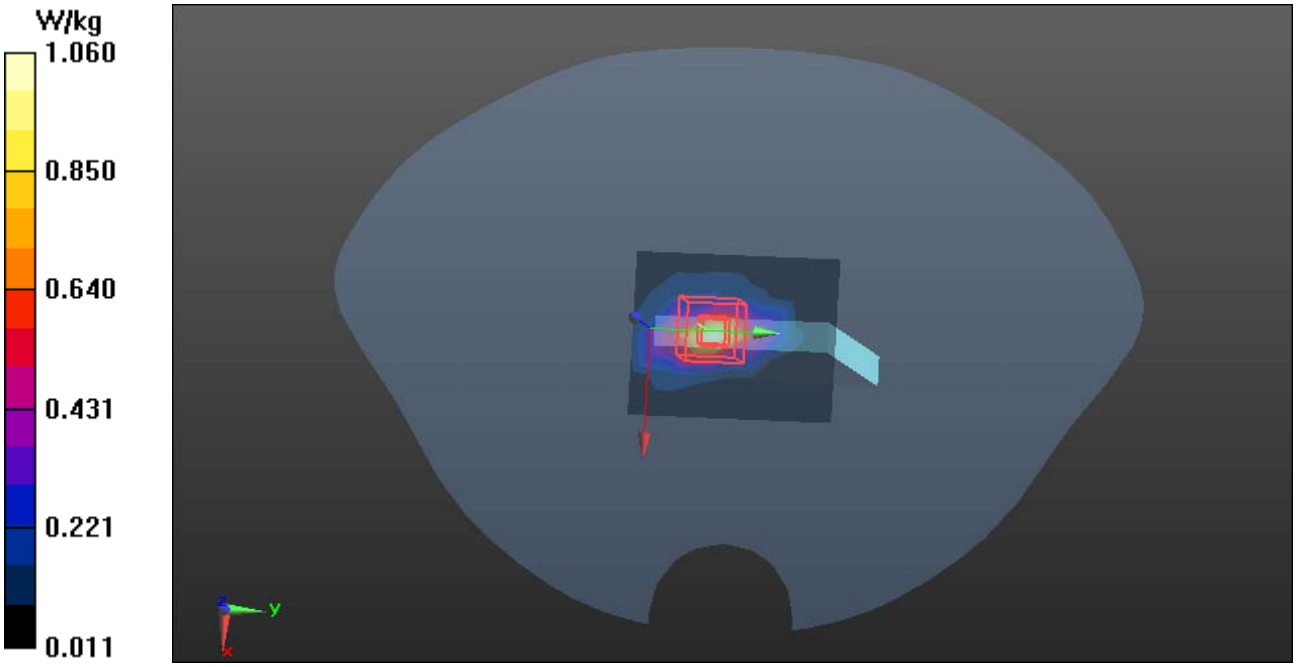


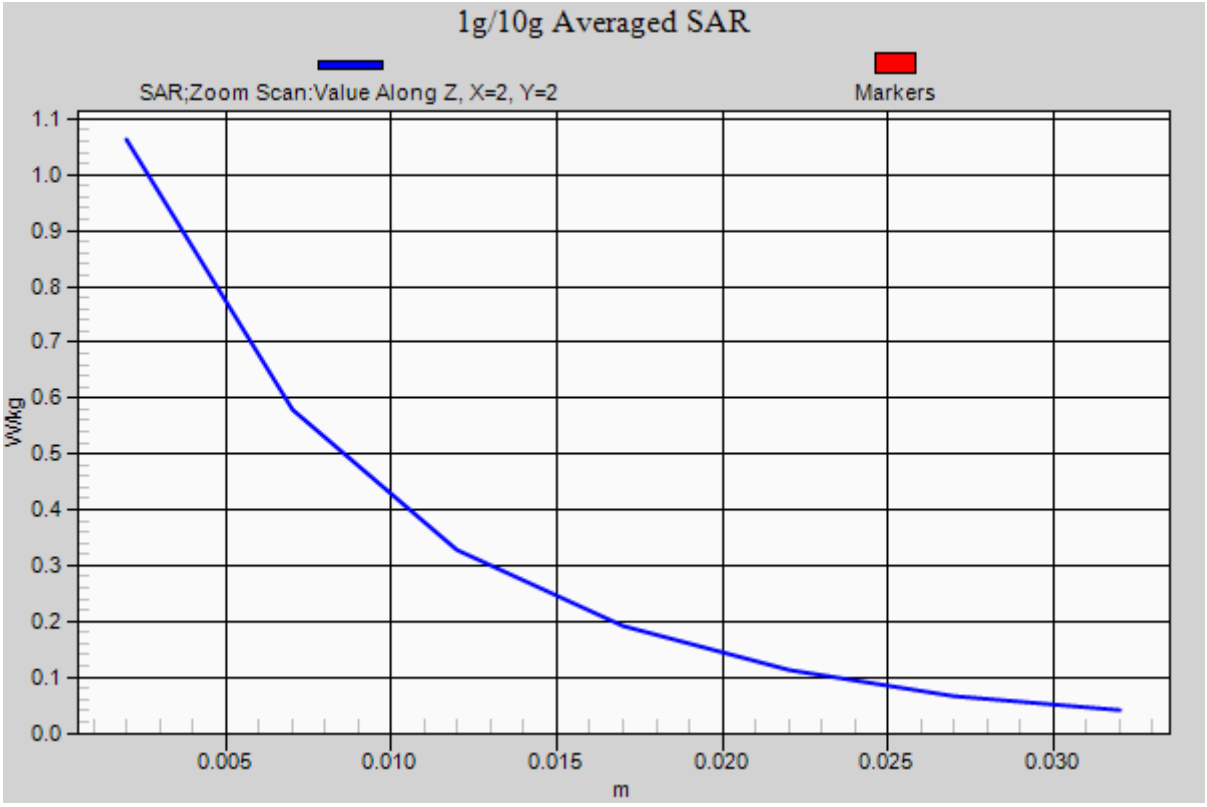
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
PCS1900-Body Bottom side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Middle CH661/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 W/kg

PCS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.530 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



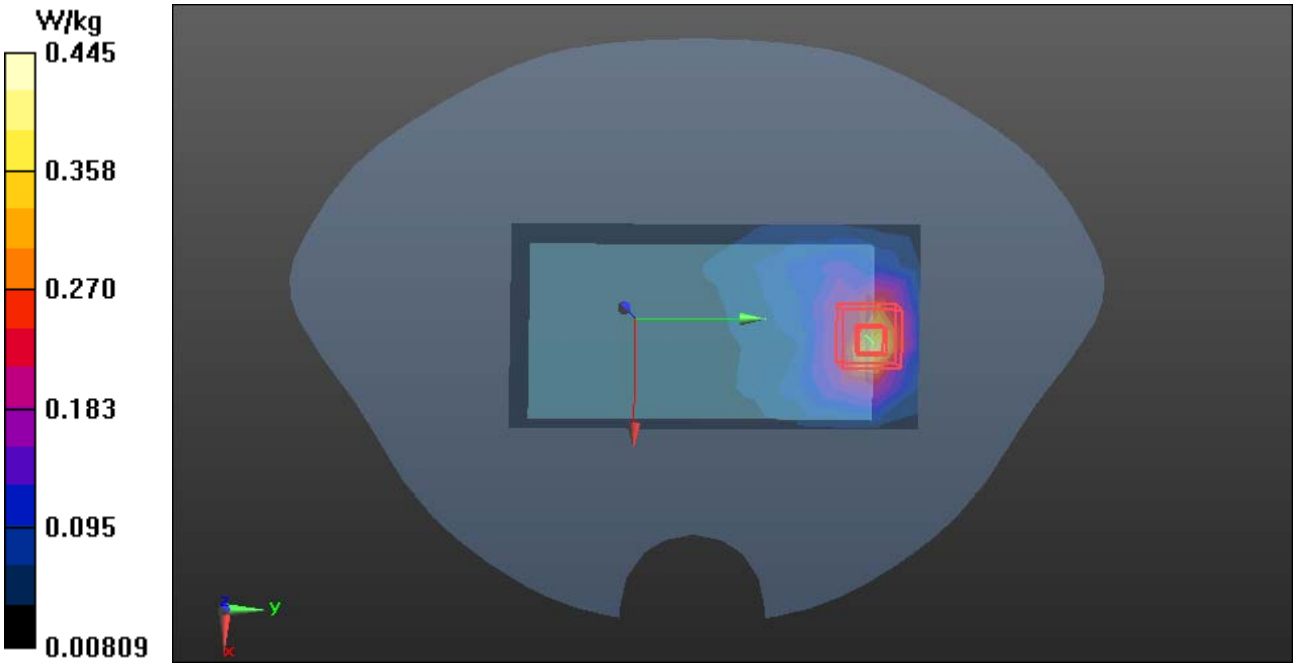

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
W/kg
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
GPRS 1900-Body Front Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77971
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS 1900/Front Middle CH661/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.406 W/kg

GPRS 1900/Front Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.170 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.445 W/kg

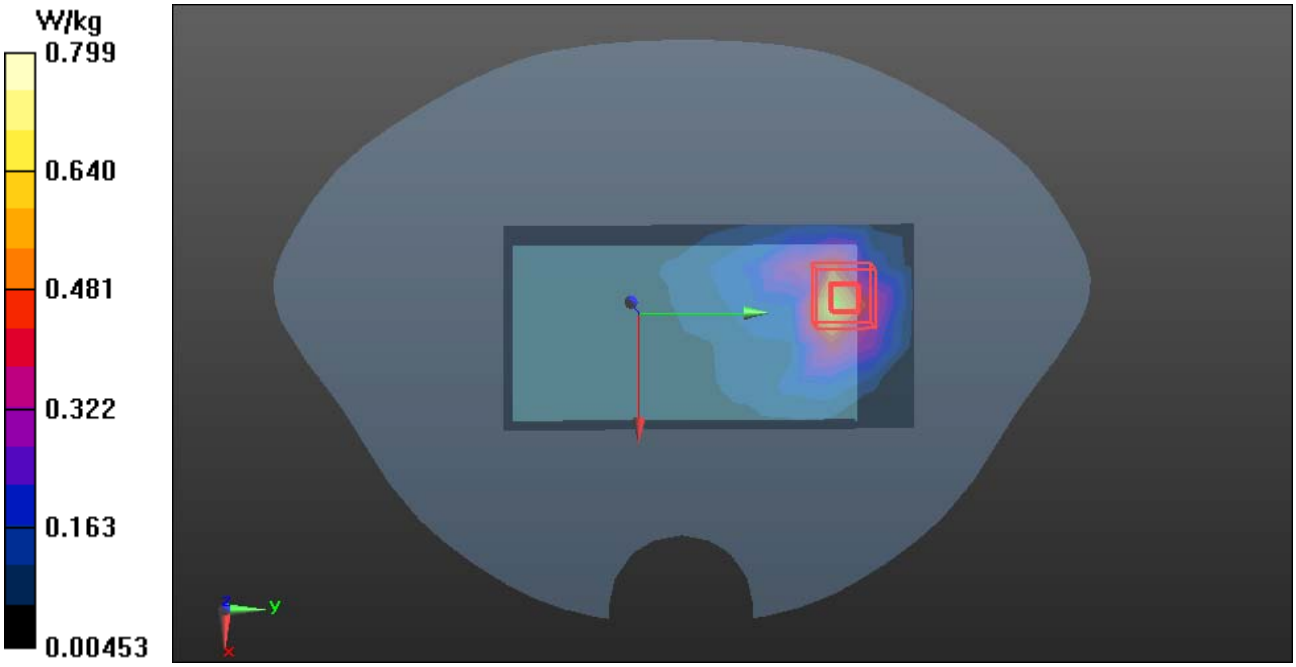


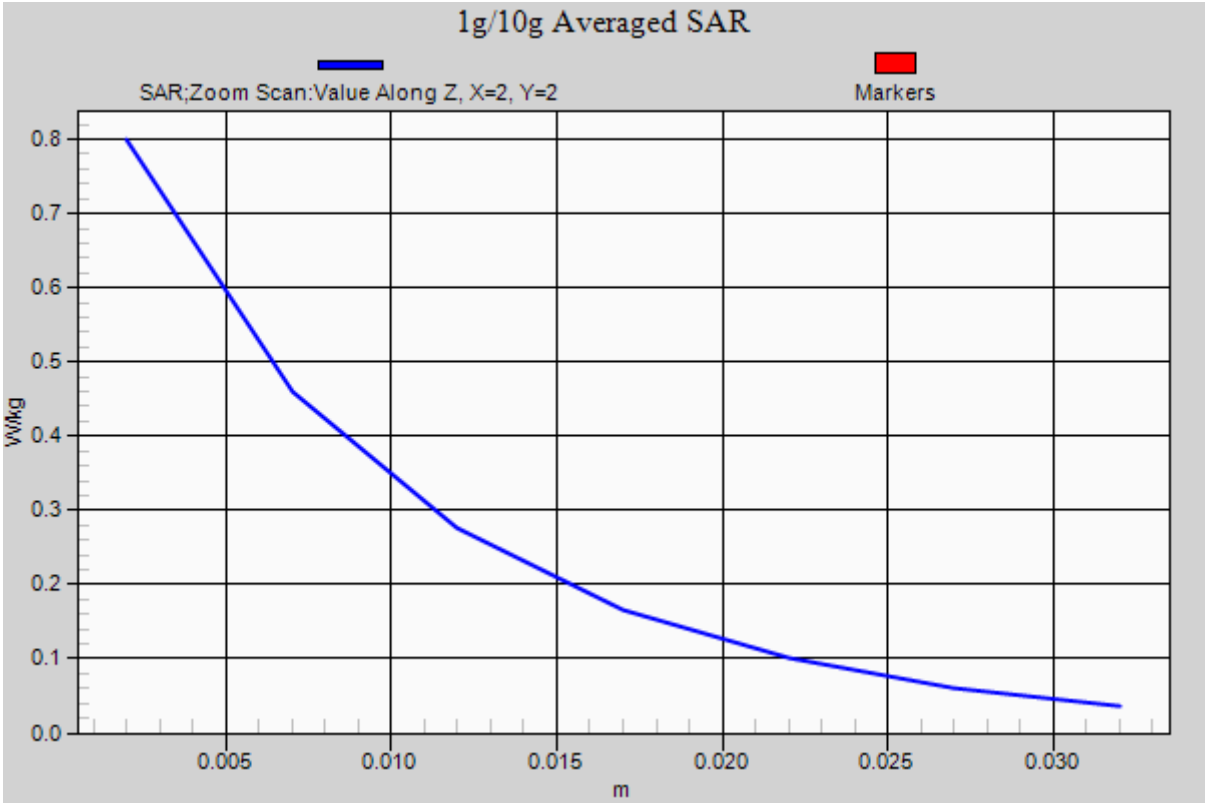
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
GPRS 1900-Body Rear Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77971
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS 1900/Rear Middle CH661/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.713 W/kg

GPRS 1900/Rear Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.695 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.799 W/kg



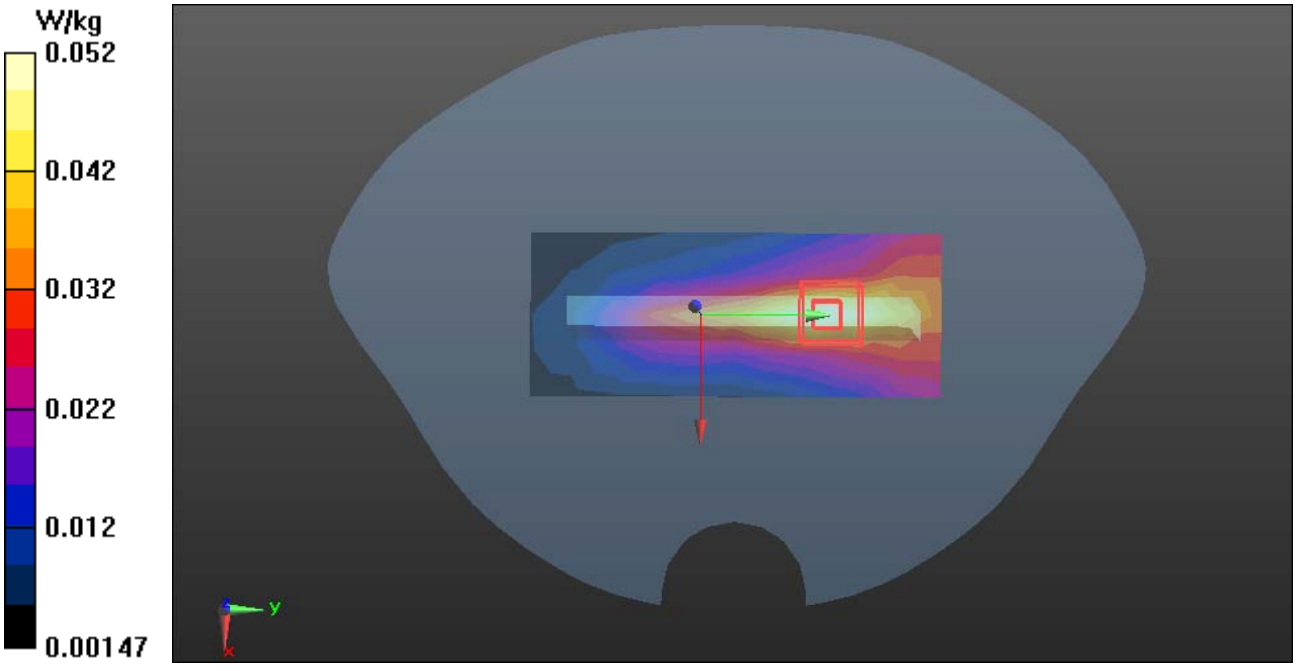

1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
W/kg
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
GPRS1900-Body Right side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77971
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS1900/Middle CH661/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0560 W/kg

GPRS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.262 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0525 W/kg

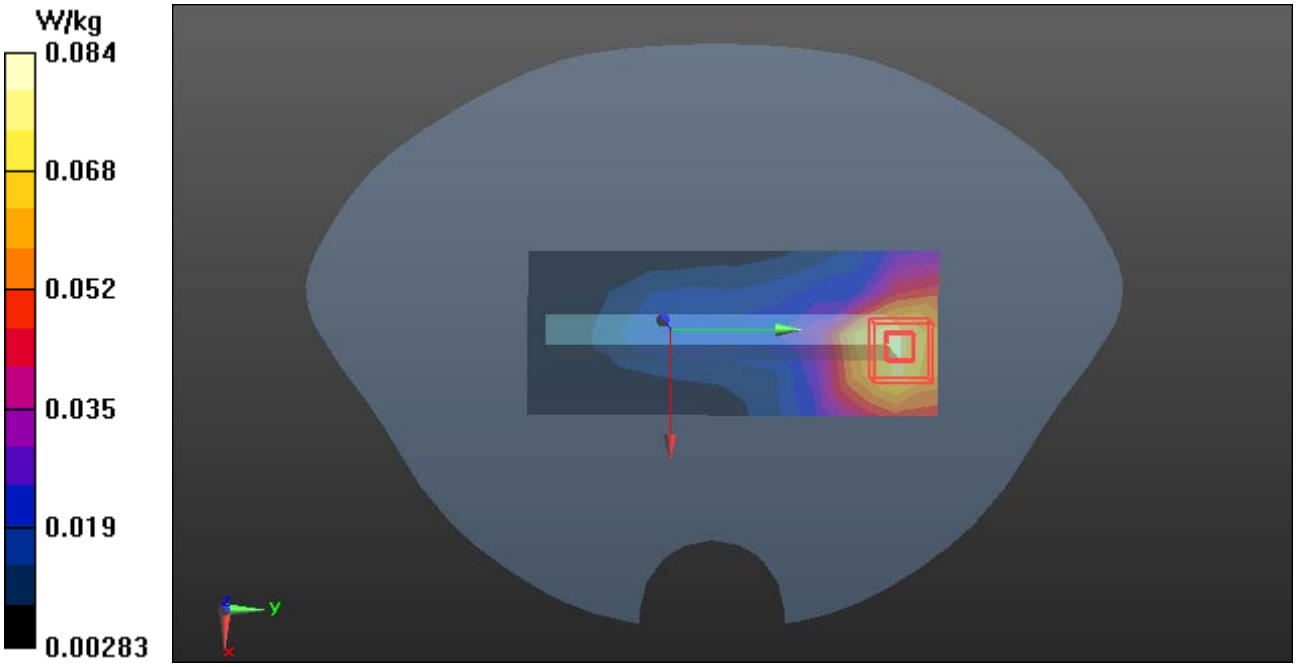


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
GPRS1900-Body Left side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77971
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

PCS1900/Middle CH661/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0766 W/kg

PCS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.777 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0845 W/kg

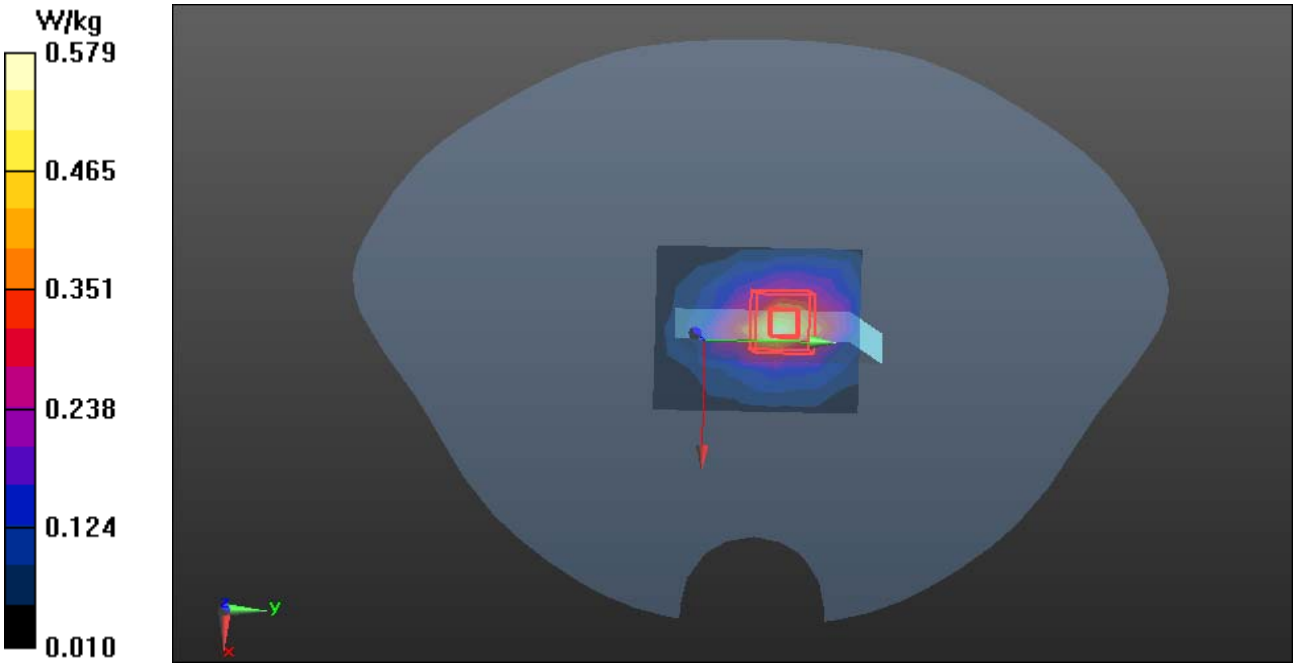


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
GPRS1900-Body Bottom side Middle CH661
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77971
Medium parameters used: f = 1880 MHz; σ = 1.517 S/m; ε_r = 53.303; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GPRS1900/Middle CH661/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.558 W/kg

GPRS1900/Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.559 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.579 W/kg

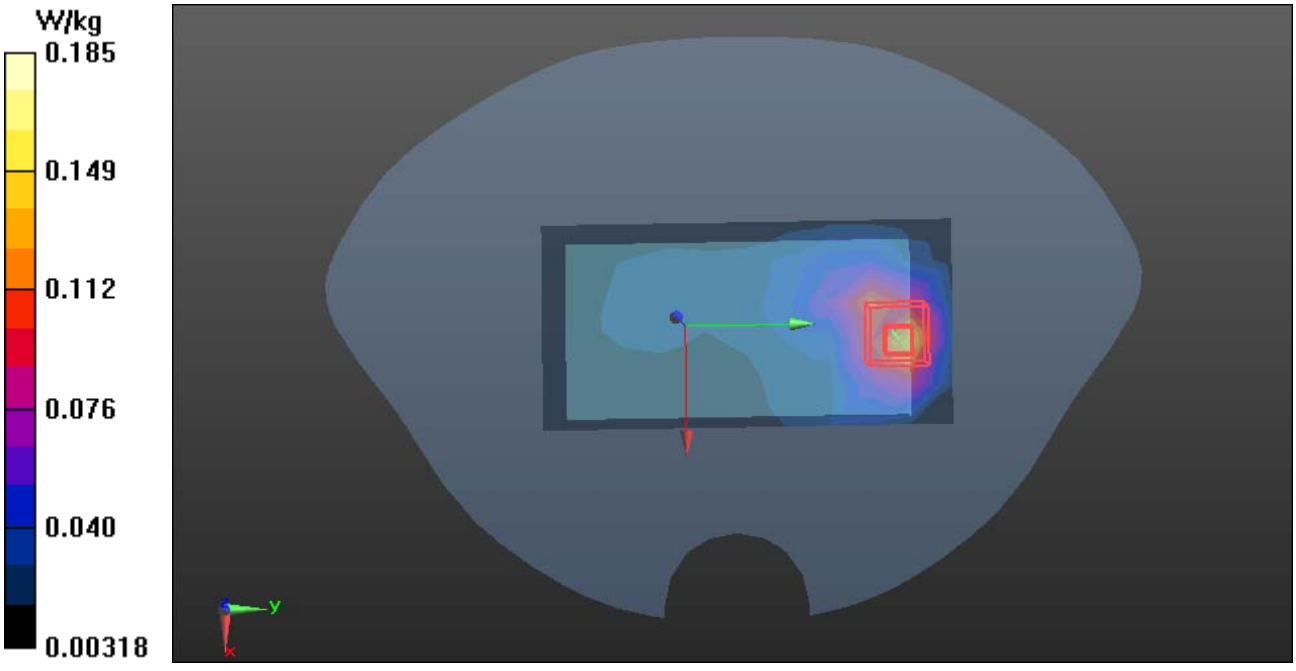


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA Band IV-Body Front Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.49 S/m; ε_r = 51.338; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.45, 7.45, 7.45); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

BandIV/Front Low CH1312/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.150 W/kg

BandIV/Front Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.526 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.185 W/kg

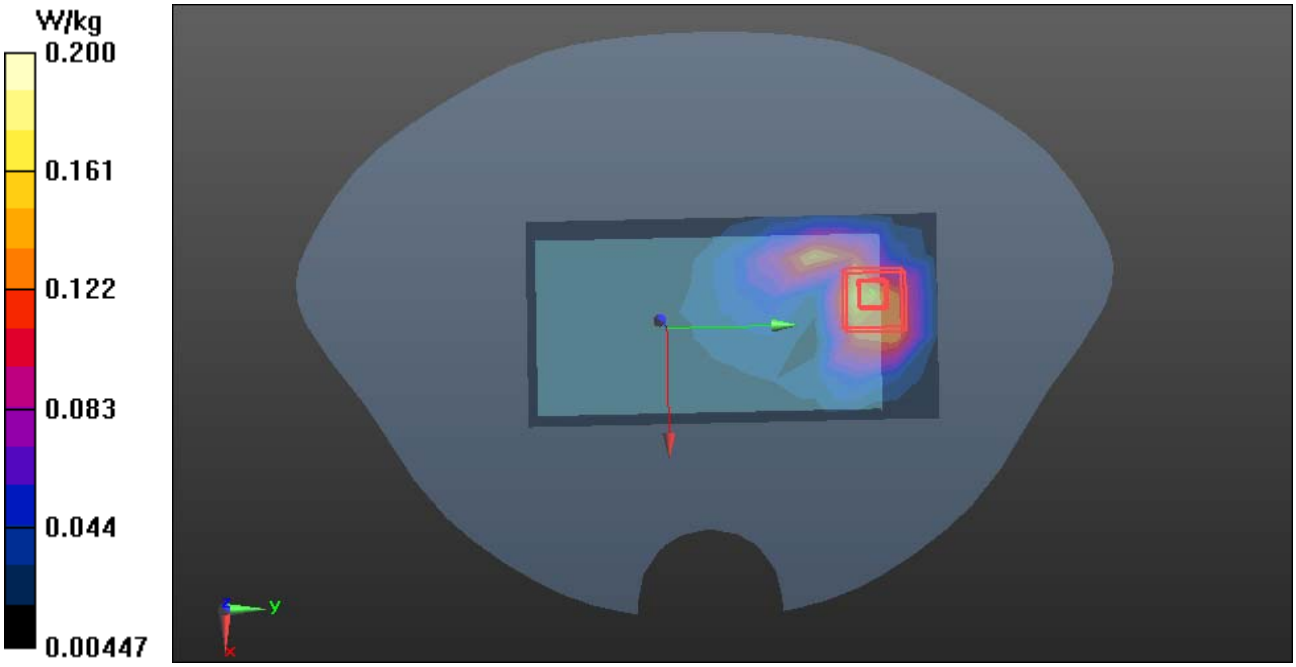


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA Band IV-Body Rear Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.49 S/m; ε_r = 51.338; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.45, 7.45, 7.45); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

BandIV/Rear Low CH1312/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.170 W/kg

BandIV/Rear Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.868 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.200 W/kg

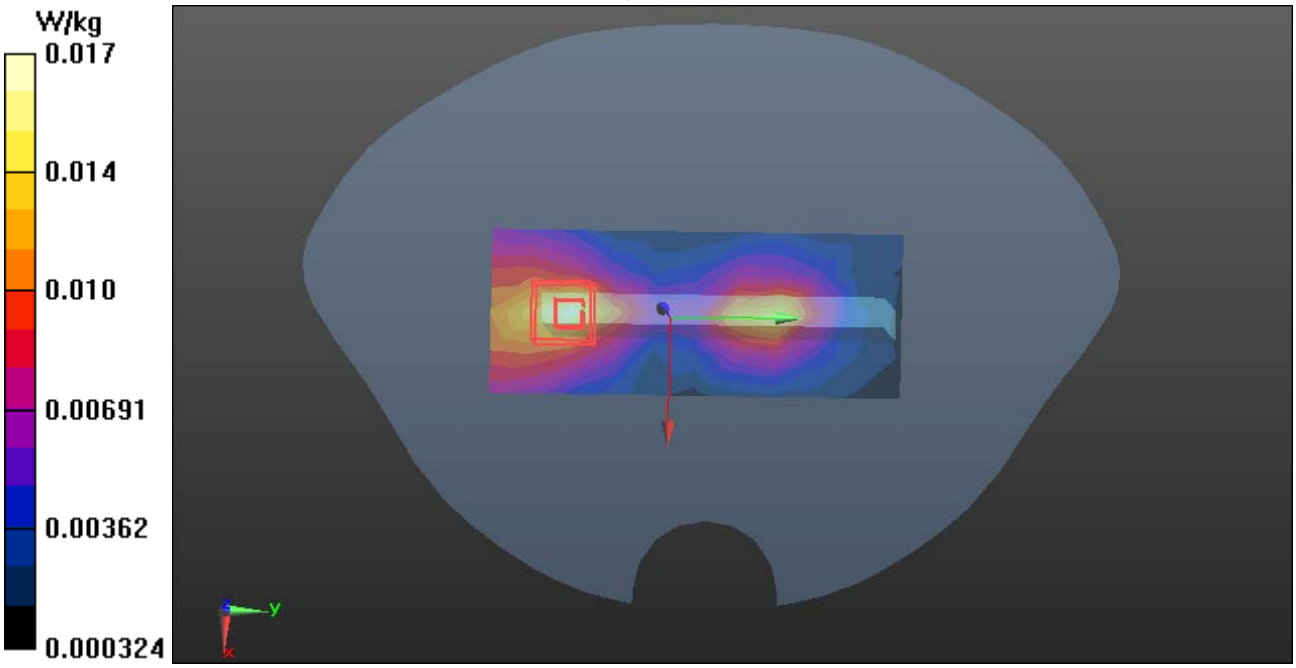


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Body Right side Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.49 S/m; ε_r = 51.338; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.45, 7.45, 7.45); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

Band IV/Low CH1312/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0166 W/kg

Band IV/Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.409 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00802 W/kg
Maximum value of SAR (measured) = 0.0168 W/kg

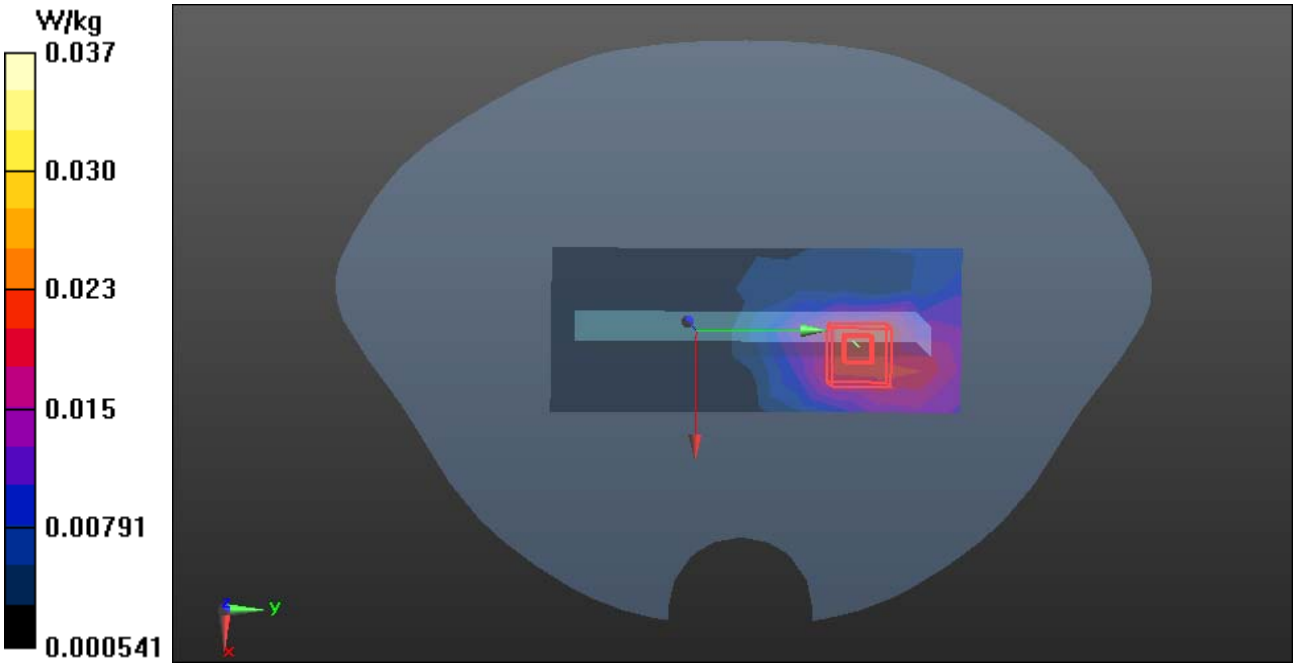


Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Body Left side Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.49 S/m; ε_r = 51.338; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.45, 7.45, 7.45); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

Band IV/Low CH1312/Area Scan (11x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0226 W/kg

Band IV/Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.285 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0374 W/kg

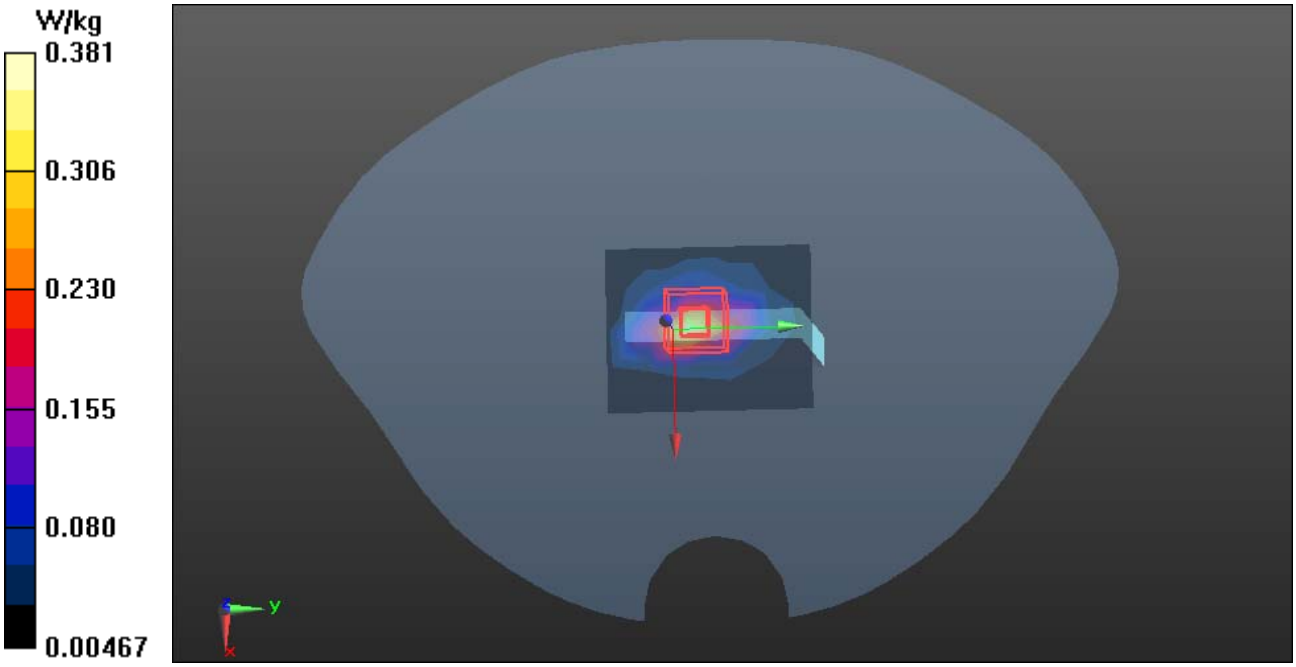


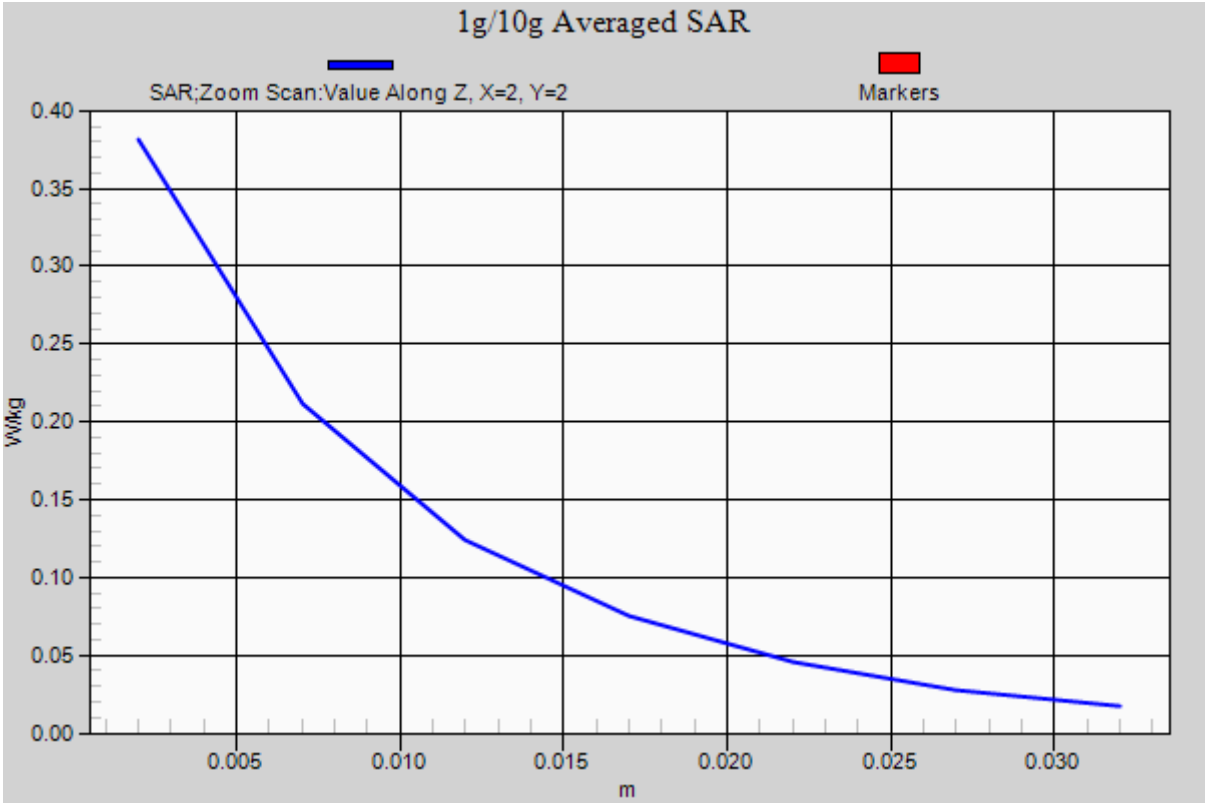
Test Laboratory: Compliance Certification Services Inc. Date: 10/19/2013
WCDMA BandIV-Body Bottom side Low CH1312
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: FDD WCDMA; Communication System Band: Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.49 S/m; ε_r = 51.338; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.45, 7.45, 7.45); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

BandIV/Low CH1312/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.371 W/kg

BandIV/Low CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.797 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.381 W/kg

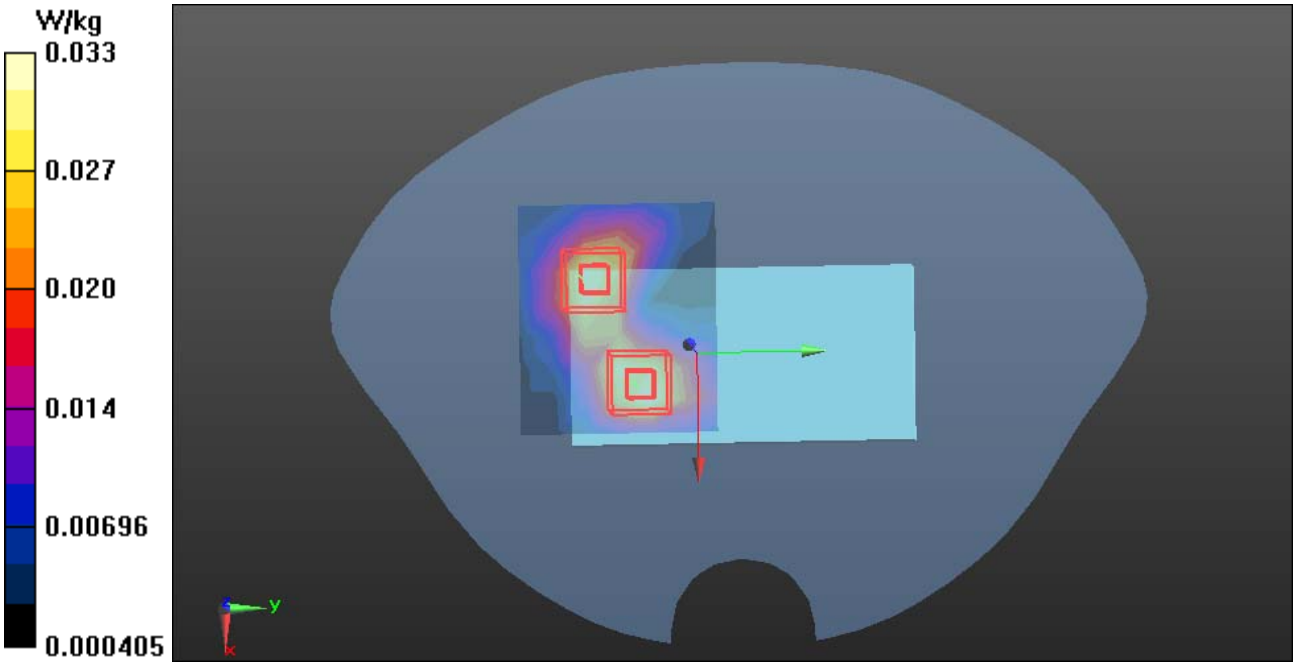



1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Body Front Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Body Front Middle CH6/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0324 W/kg
WIFI/IEEE802.11b Body Front Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.549 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0359 W/kg
WIFI/IEEE802.11b Body Front Middle CH6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.549 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0332 W/kg

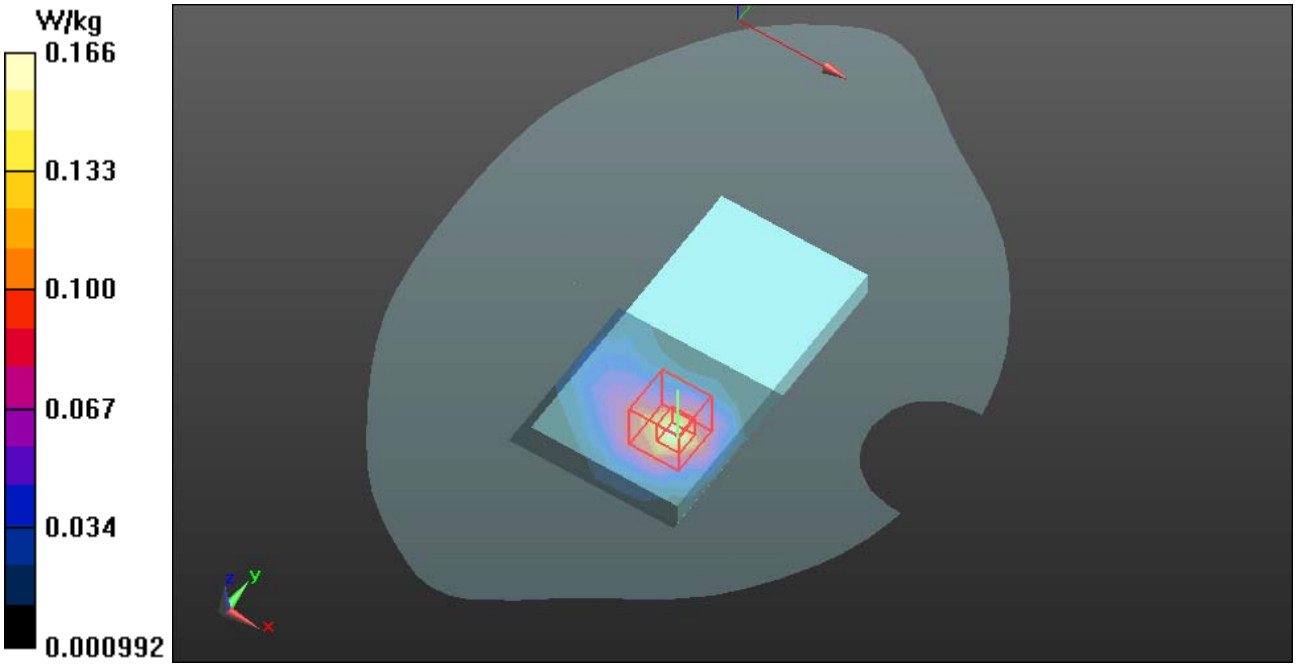


Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Body Rear Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Body Rear Middle CH6/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.172 W/kg

WIFI/IEEE802.11b Body Rear Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.086 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.166 W/kg

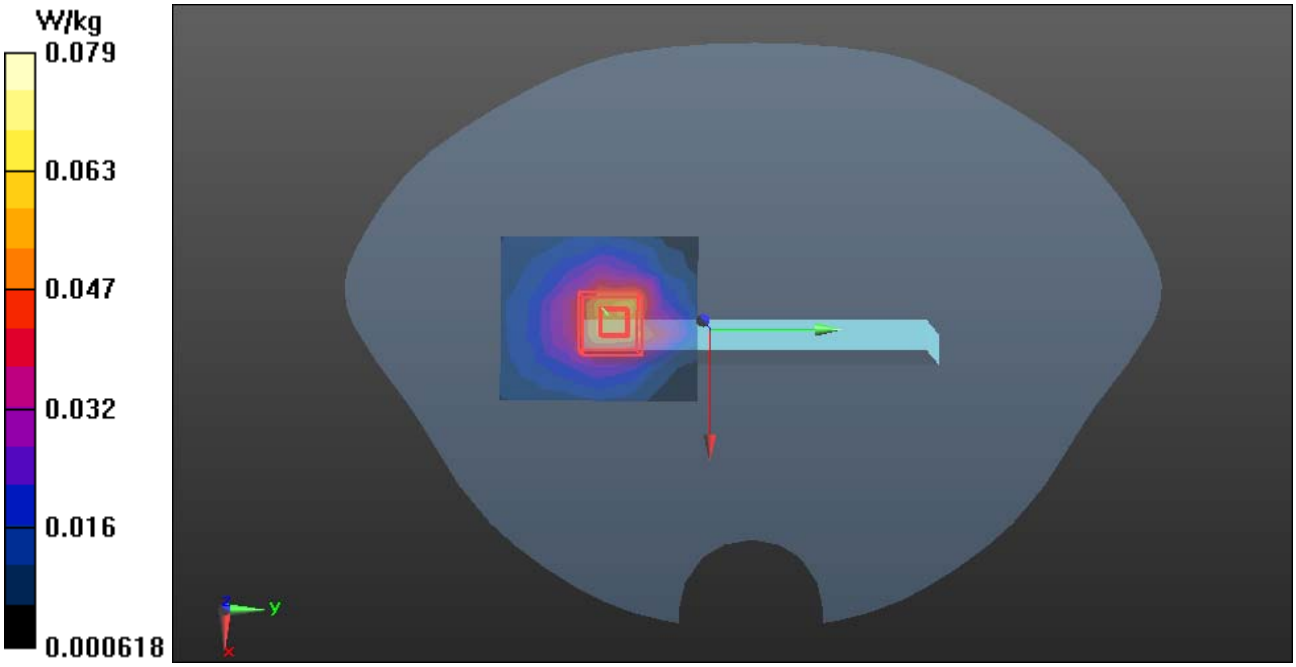


Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Body-right Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Body Right Middle CH6/Area Scan (7x6x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0606 W/kg

WIFI/IEEE802.11b Body Right Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.479 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0787 W/kg

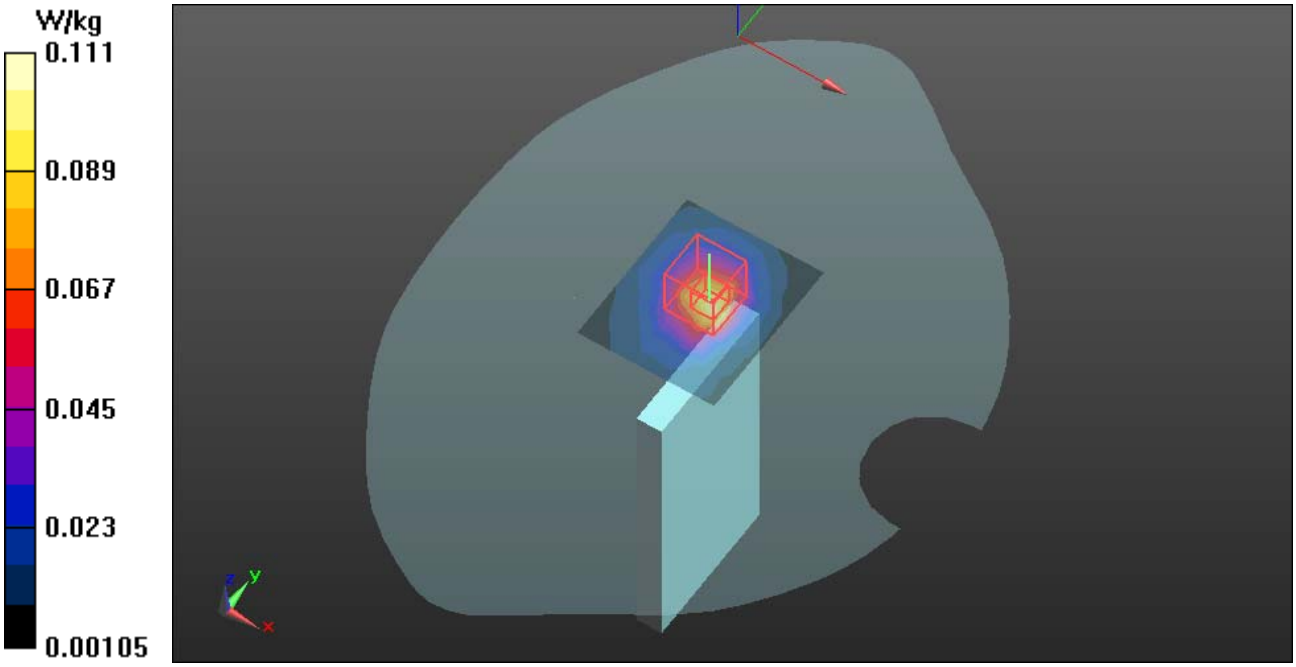


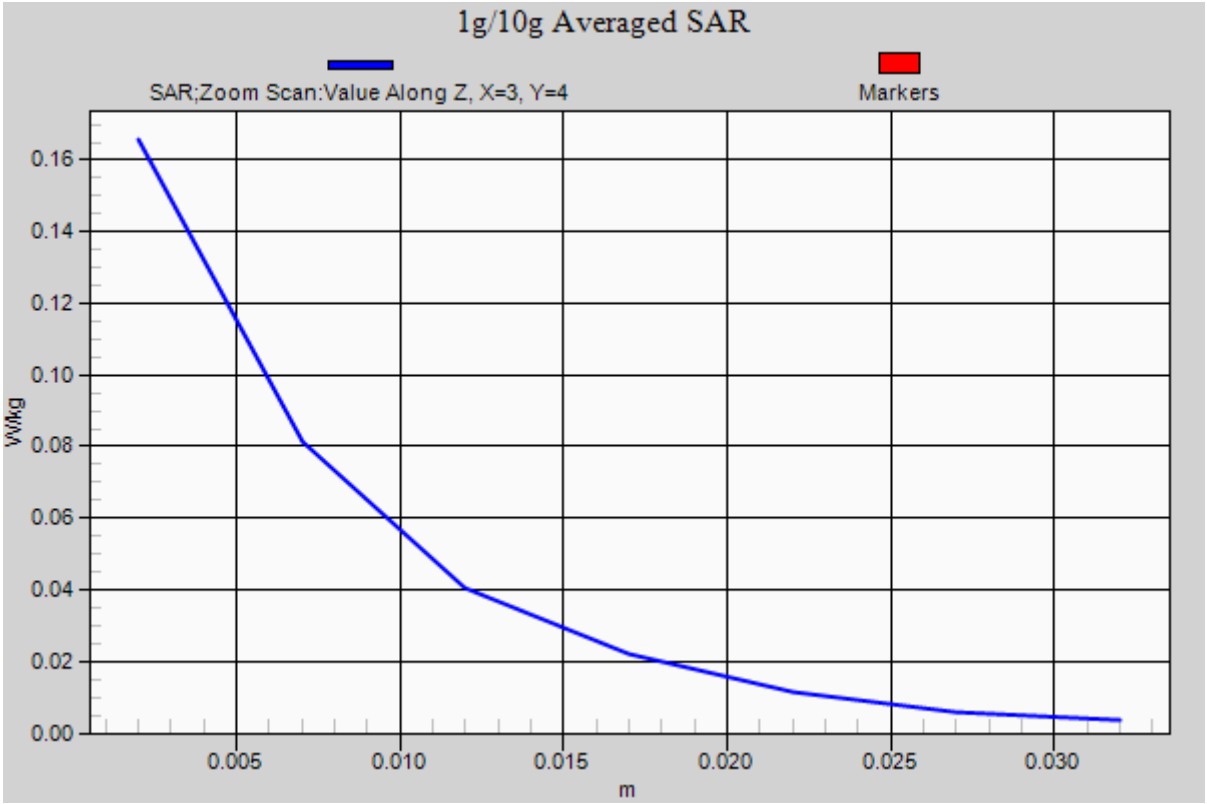
Test Laboratory: Compliance Certification Services Inc. Date: 10/20/2013
WIFI-Body-top Middle CH6
DUT: Mobile Phone; Type: Drive; Serial: 864085010178226
Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3
Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.08, 7.08, 7.08); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

WIFI/IEEE802.11b Body Top Middle CH6/Area Scan (7x6x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.108 W/kg

WIFI/IEEE802.11b Body Top Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.960 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.111 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m