

Test Laboratory: Compliance Certification Services

## Head-Left Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.859$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 128-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.843 mW/g

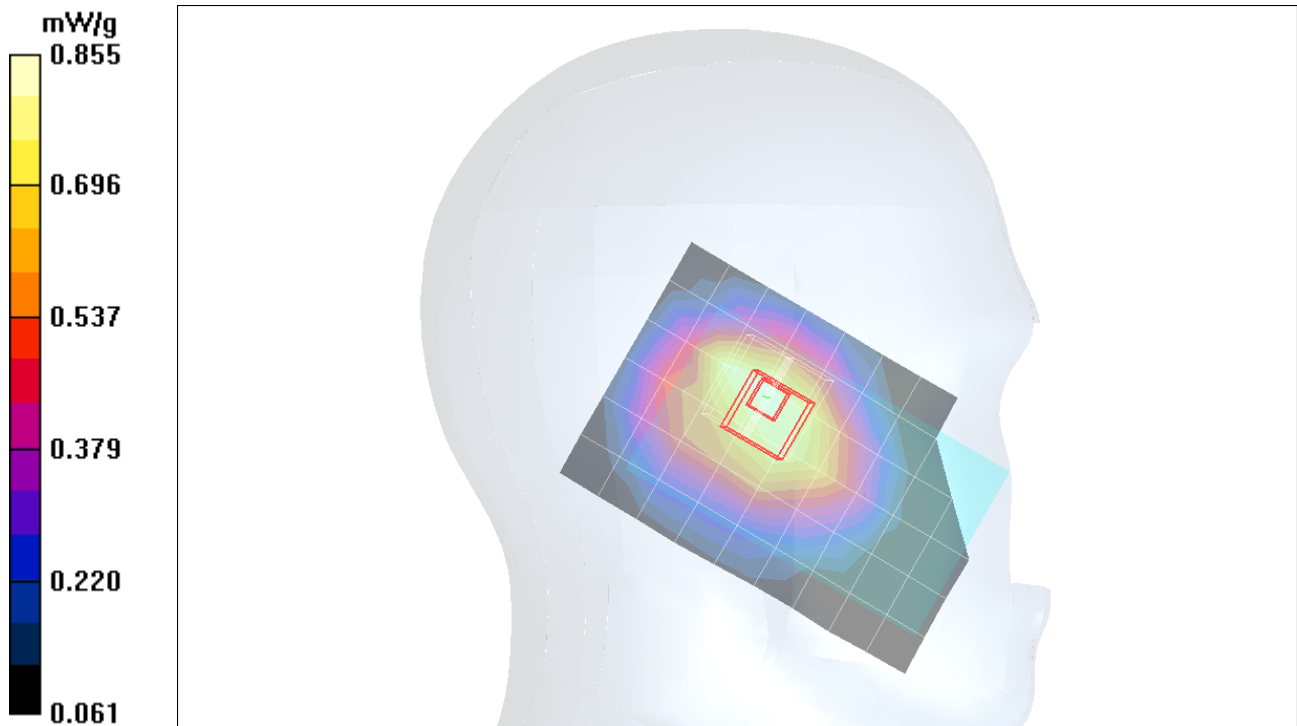
**GSM850 ch 128-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.587 mW/g**

Maximum value of SAR (measured) = 0.855 mW/g



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## Head-Left Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 190-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.900 mW/g

**GSM850 ch 190-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

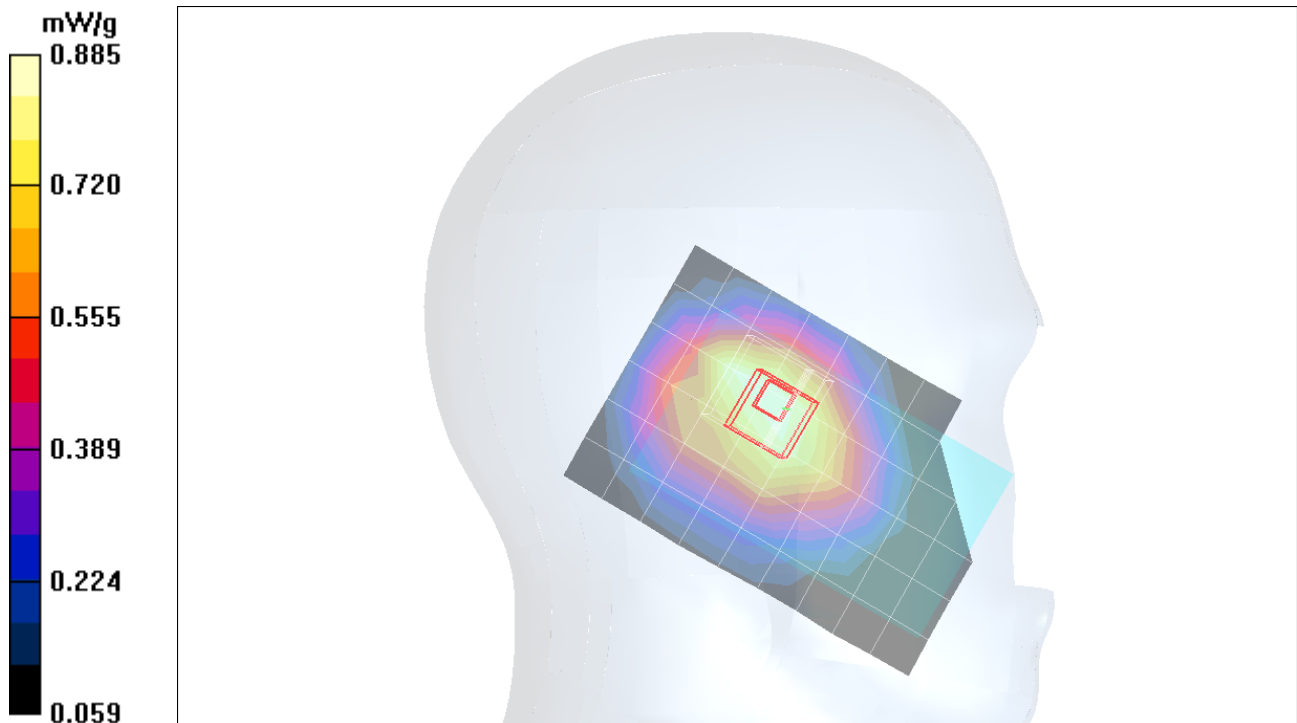
Reference Value = 28.0 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.607 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.885 mW/g



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## Head-Left Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 251-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.692 mW/g

**GSM850 ch 251-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

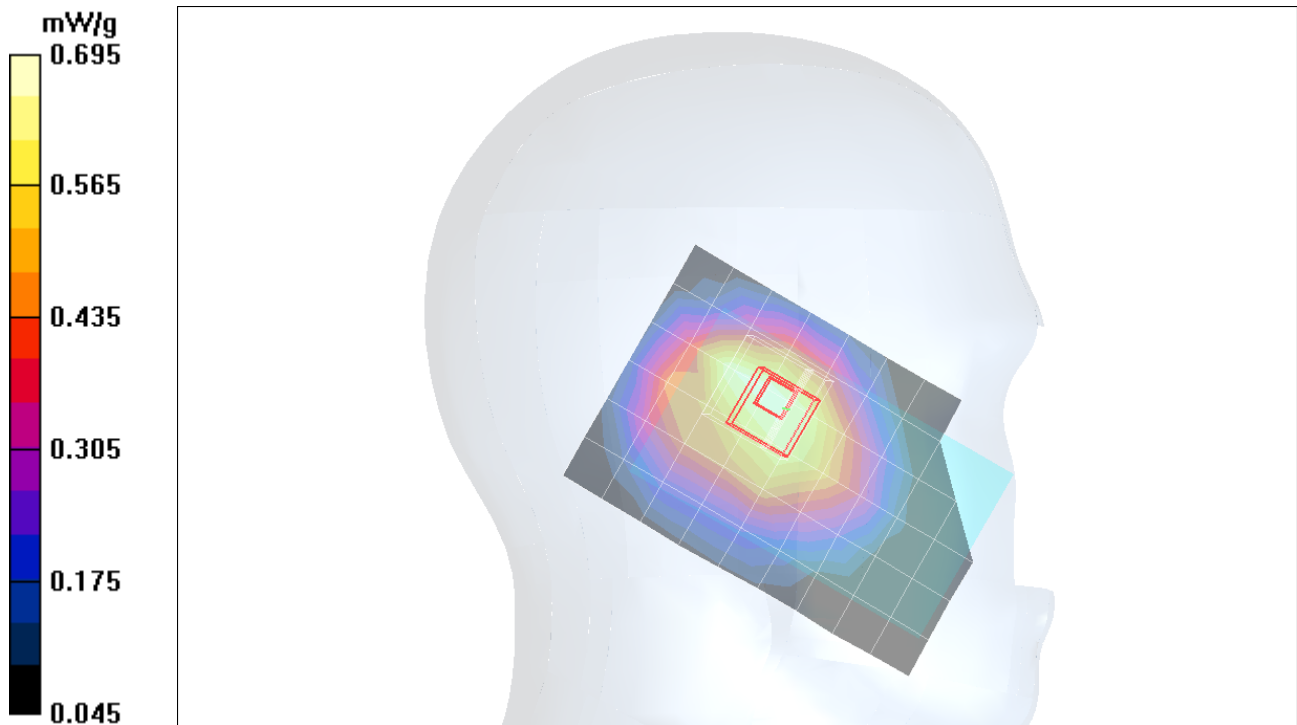
Reference Value = 24.8 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.471 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.695 mW/g



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## Head-Left Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 190-Tilt/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.681 mW/g

**GSM850 ch 190-Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

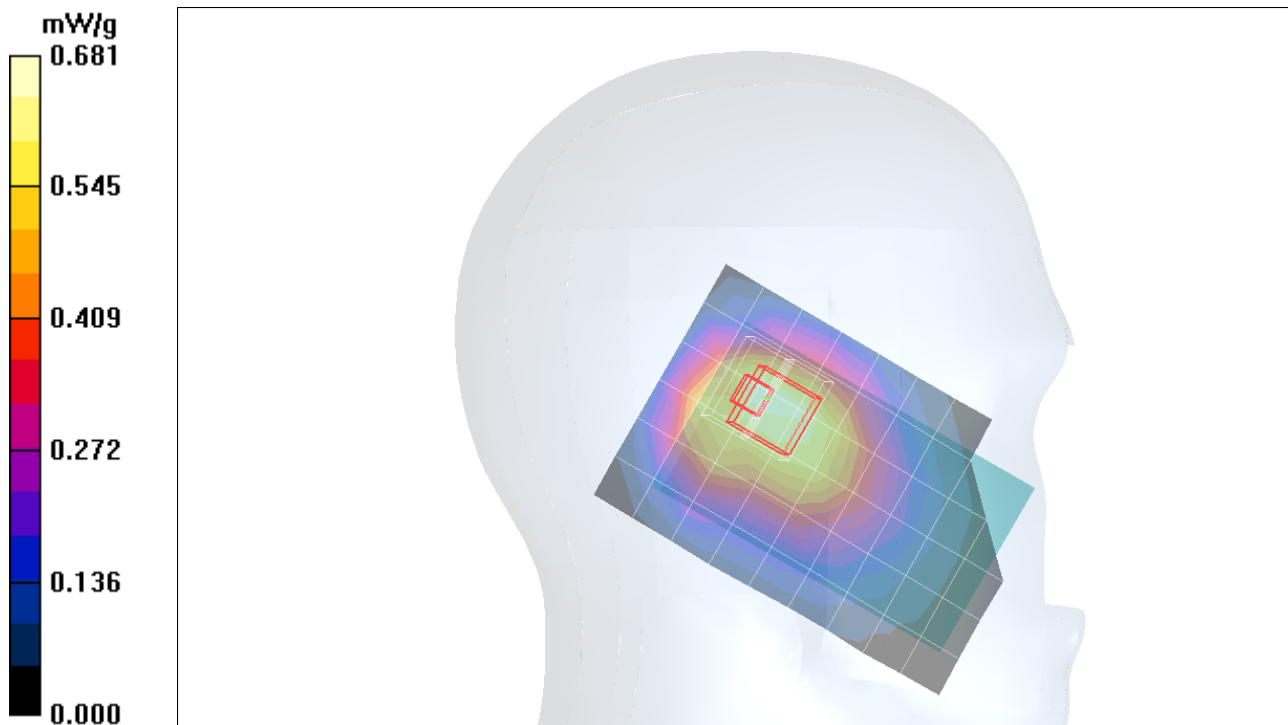
Reference Value = 27.1 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.436 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.695 mW/g



Test Laboratory: Compliance Certification Services

## Head-Right Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.859$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 128-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.905 mW/g

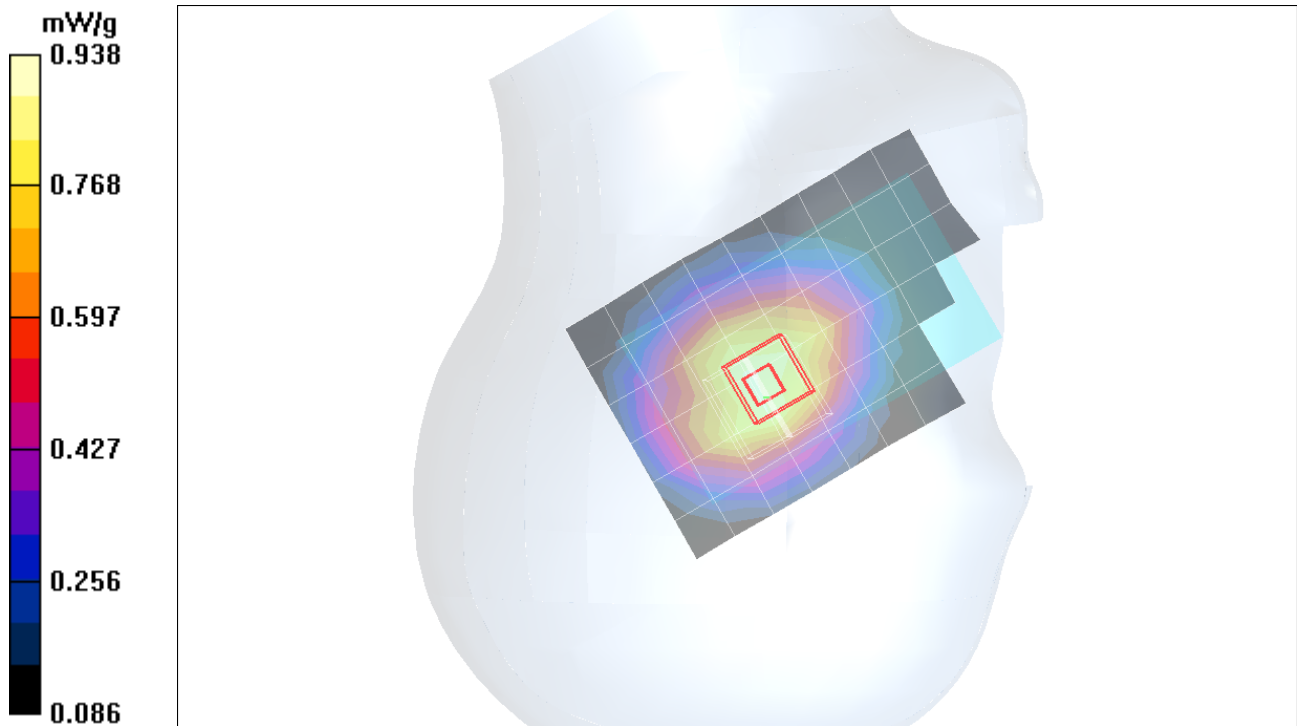
**GSM850 ch 128-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.672 mW/g**

Maximum value of SAR (measured) = 0.938 mW/g



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## Head-Right Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 190-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.974 mW/g

**GSM850 ch 190-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

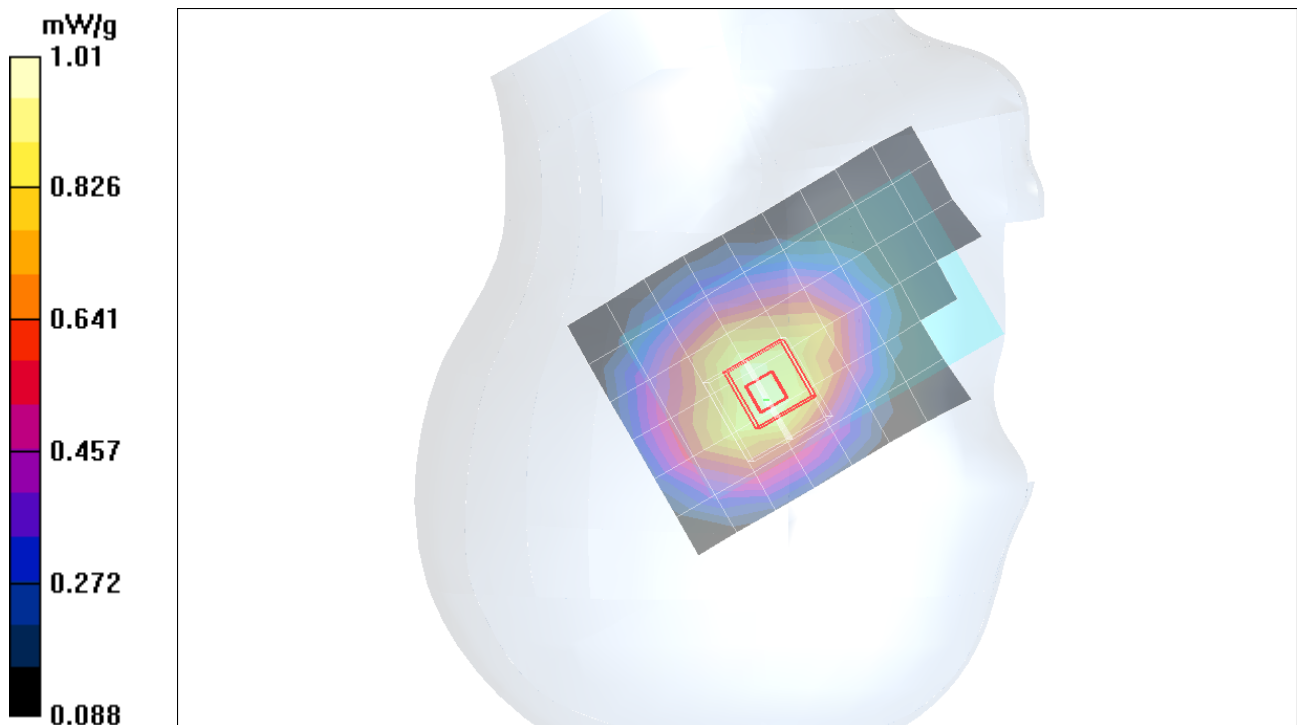
Reference Value = 25.8 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.711 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.01 mW/g



Test Laboratory: Compliance Certification Services

## Head-Right Hand Side

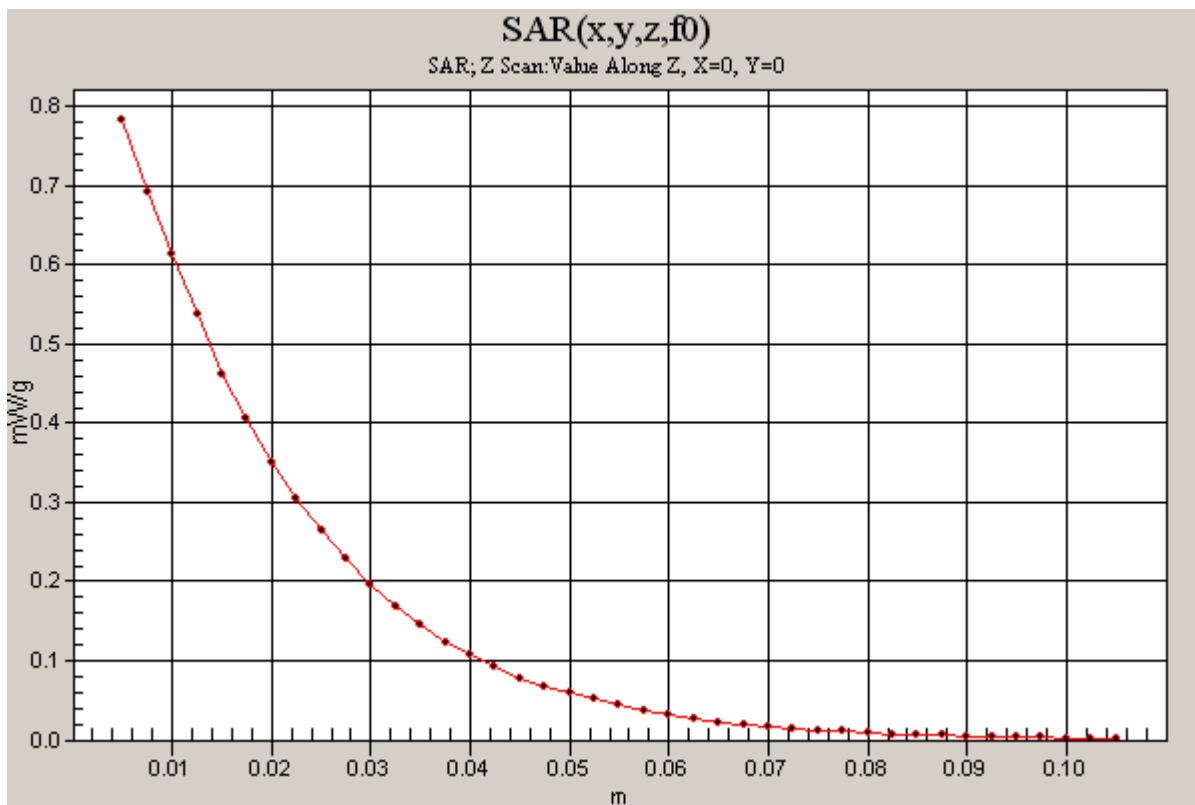
DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

**GSM850 ch 190-Touch/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.784 mW/g



Test Laboratory: Compliance Certification Services

## Head-Right Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 251-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.714 mW/g

**GSM850 ch 251-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

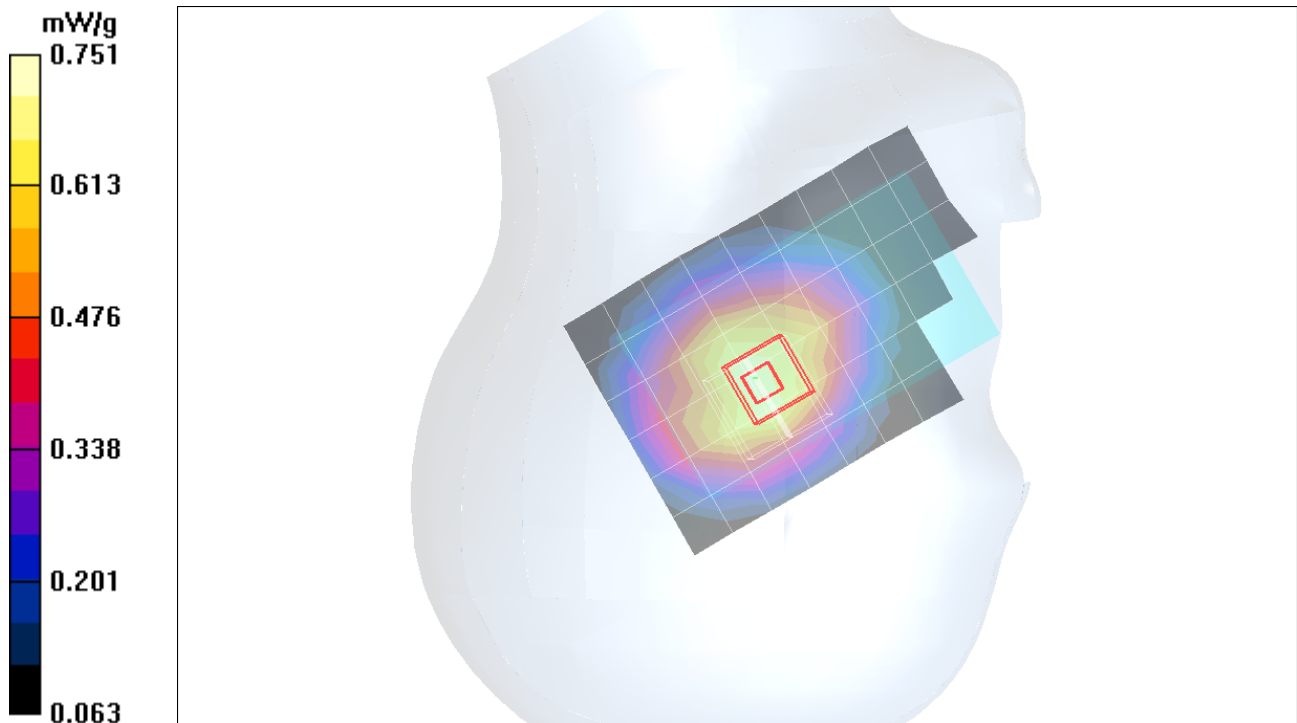
Reference Value = 22.7 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.888 W/kg

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.536 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.751 mW/g





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## Head-Right Hand Side

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 190-Tilt/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.672 mW/g

**GSM850 ch 190-Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

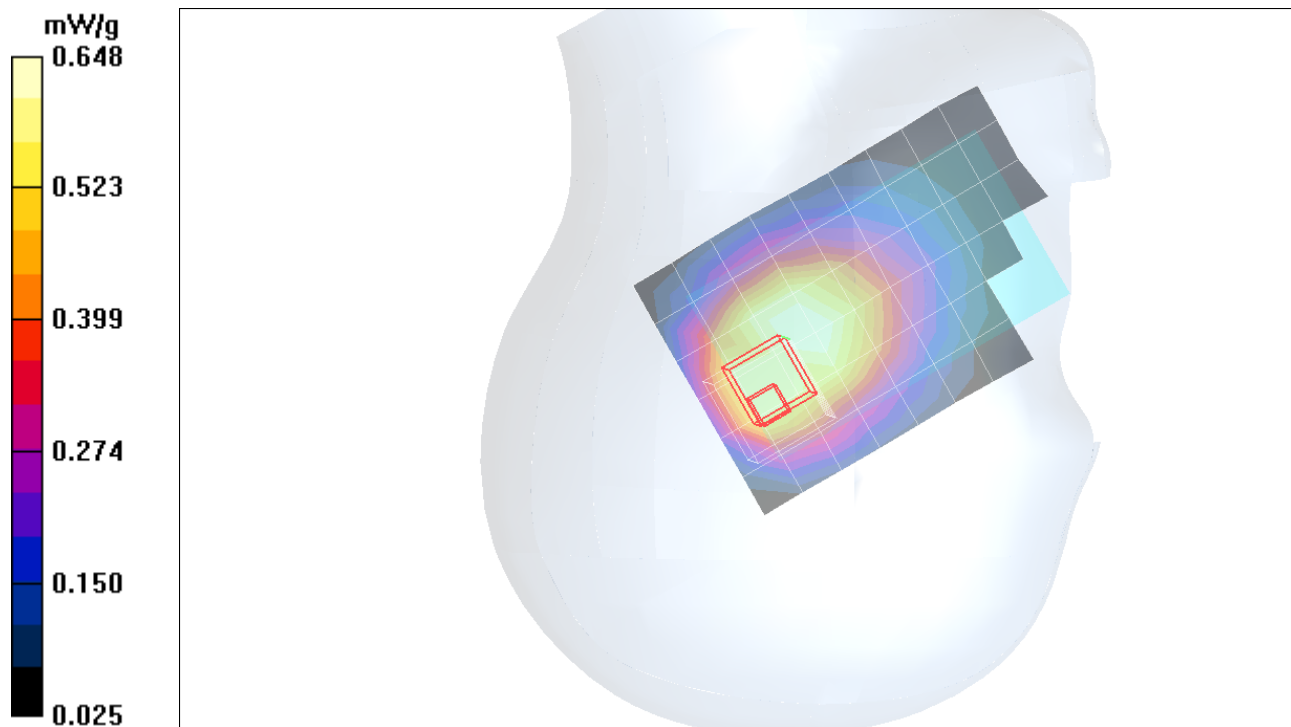
Reference Value = 26.3 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.396 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.648 mW/g



Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4  
 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.962$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 GPRS ch 128-with Holster Face Up/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.986 mW/g

**GSM850 GPRS ch 128-with Holster Face Up/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

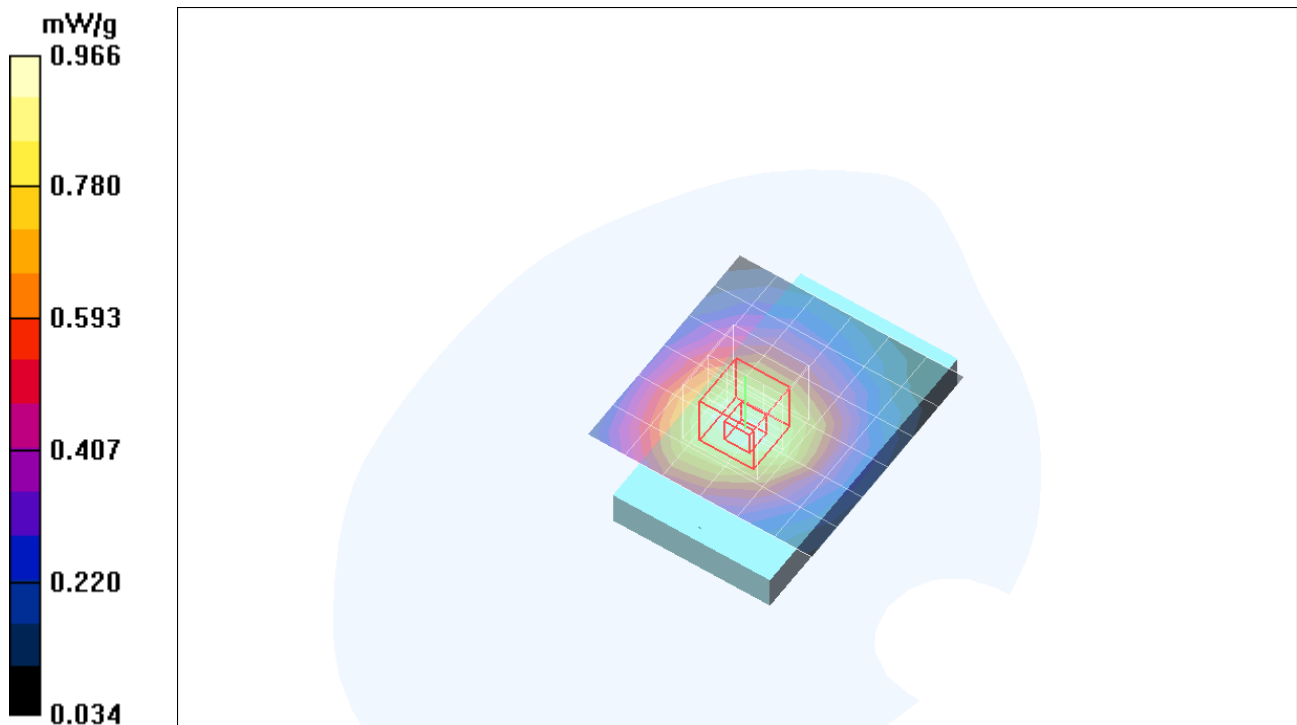
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.202 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.679 mW/g**

Maximum value of SAR (measured) = 0.966 mW/g



Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 GPRS ch 190-with Holster Face Up/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.882 mW/g

**GSM850 GPRS ch 190-with Holster Face Up/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

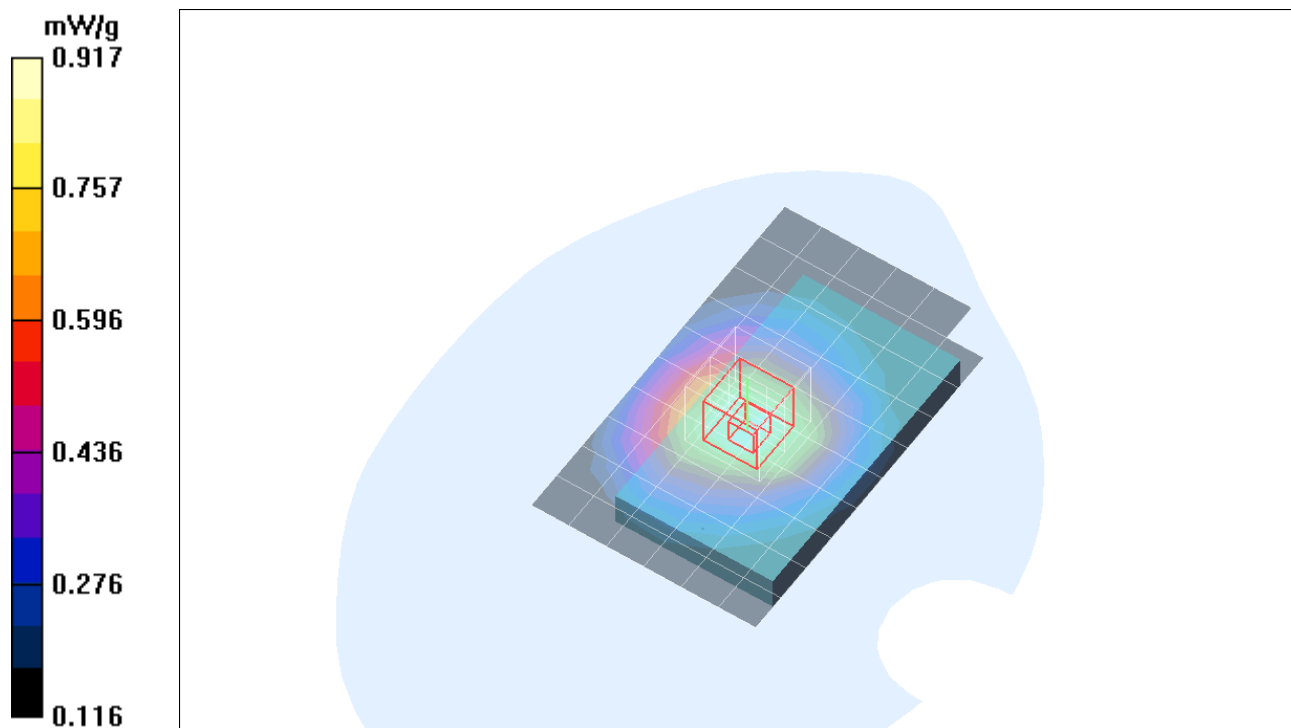
Reference Value = 21.1 V/m; Power Drift = -0.207 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.645 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.917 mW/g



Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 GPRS ch 251-with Holster Face Up/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.632 mW/g

**GSM850 GPRS ch 251-with Holster Face Up/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

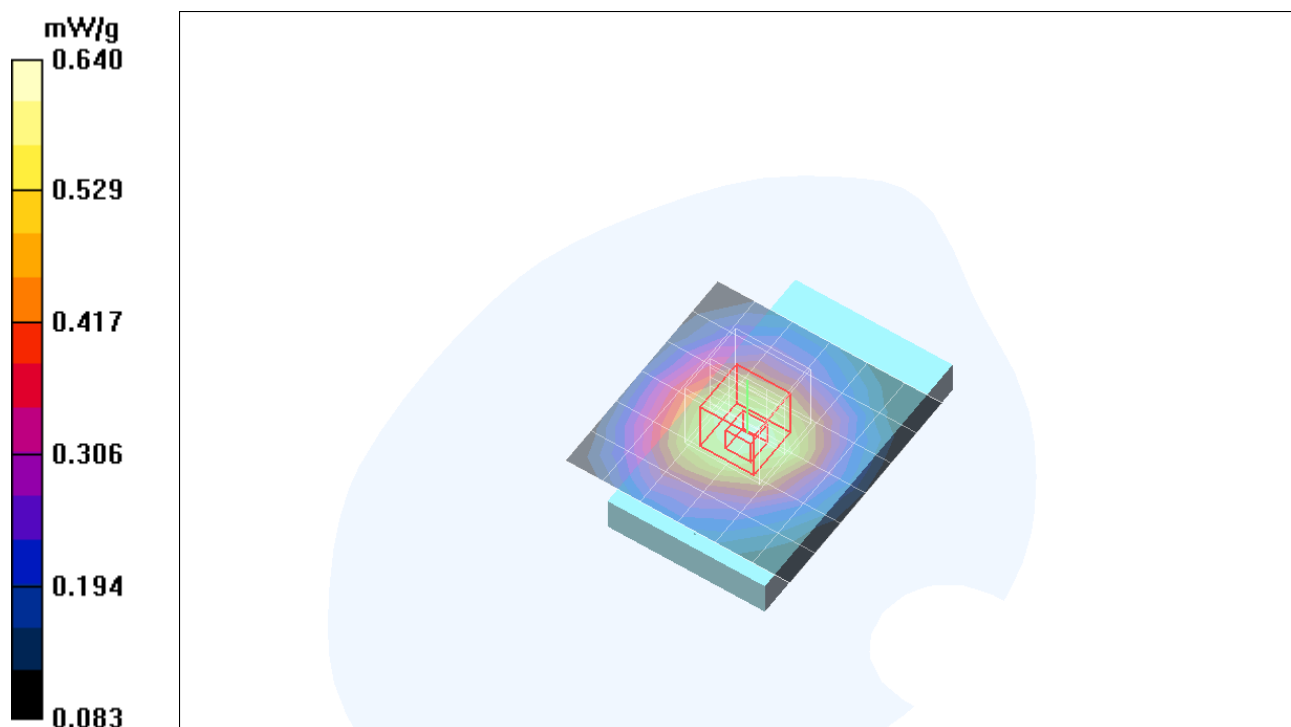
Reference Value = 16.9 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.782 W/kg

**SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.447 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.640 mW/g



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# Body

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Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.962 \text{ mho/m}$ ;  $\epsilon_r = 53.9$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

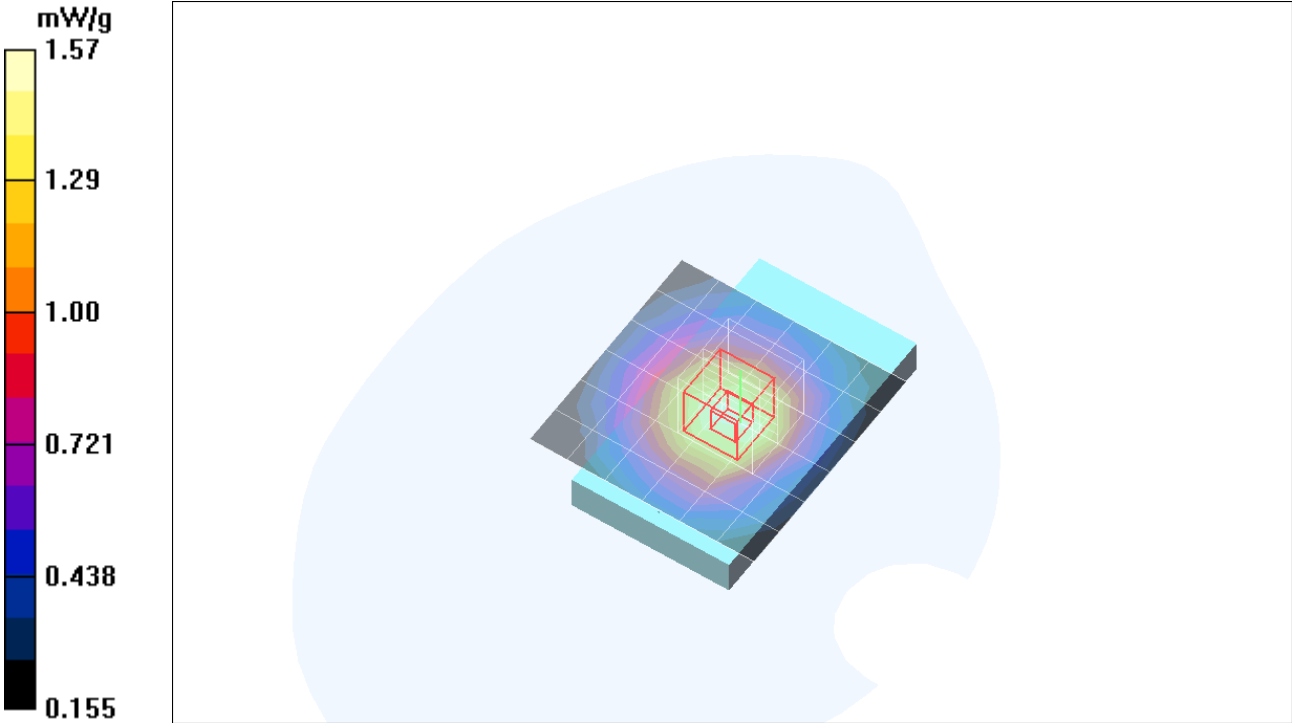
- DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
  - Probe: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
  - Sensor-Surface: 4mm (Mechanical Surface Detection)
  - Electronics: DAE4 SN558; Calibrated: 1/20/2006
  - Phantom: SAM 2; Type: SAM 2; Serial: 1050
  - Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

## GSM850 GPRS ch 128-with Holster Face Down/Area Scan (7x7x1): Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 1.56 mW/g

## GSM850 GPRS ch 128-with Holster Face Down/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 41.3 V/m; Power Drift = 0.156 dB  
Peak SAR (extrapolated) = 2.01 W/kg  
**SAR(1 g) = 1.47 mW/g; SAR(10 g) = 1.05 mW/g**  
Maximum value of SAR (measured) = 1.57 mW/g



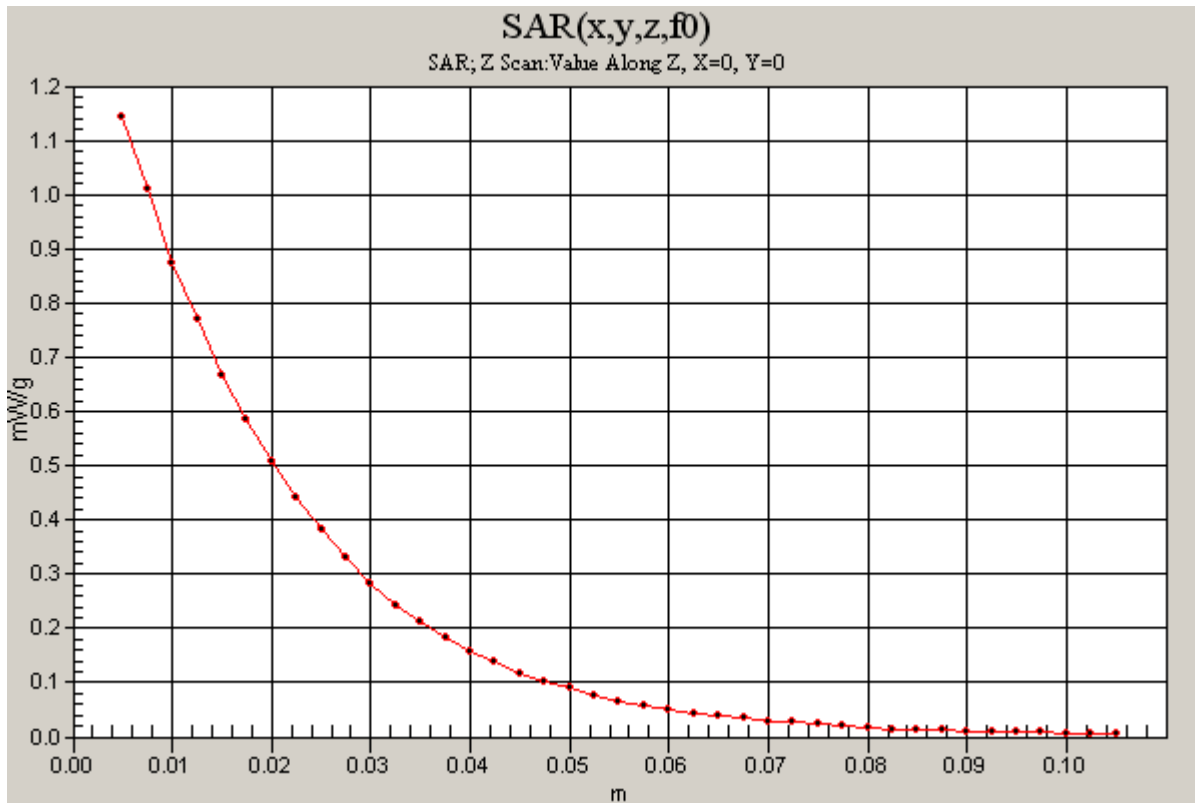
Test Laboratory: Compliance Certification Services

### Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

**GSM850 GPRS ch 128-with Holster Face Down/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm  
Maximum value of SAR (measured) = 1.14 mW/g



Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

### **GSM850 GPRS ch 190-with Holster Face Down/Area Scan (7x11x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.33 mW/g

### **GSM850 GPRS ch 190-with Holster Face Down/Zoom Scan (5x5x7)/Cube 0:** Measurement

grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

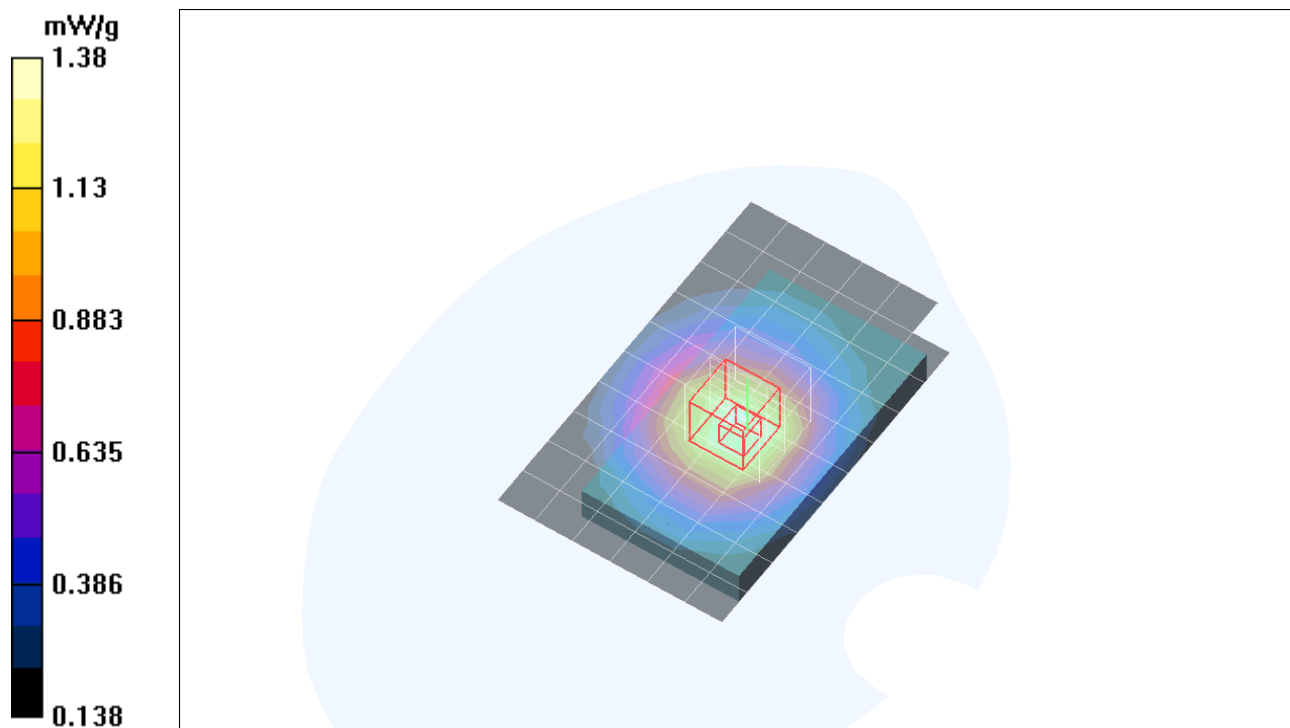
Reference Value = 24.7 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.933 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.38 mW/g



Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

### **GSM850 GPRS ch 251-with Holster Face Down/Area Scan (7x7x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.910 mW/g

### **GSM850 GPRS ch 251-with Holster Face Down/Zoom Scan (5x5x7)/Cube 0:** Measurement

grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

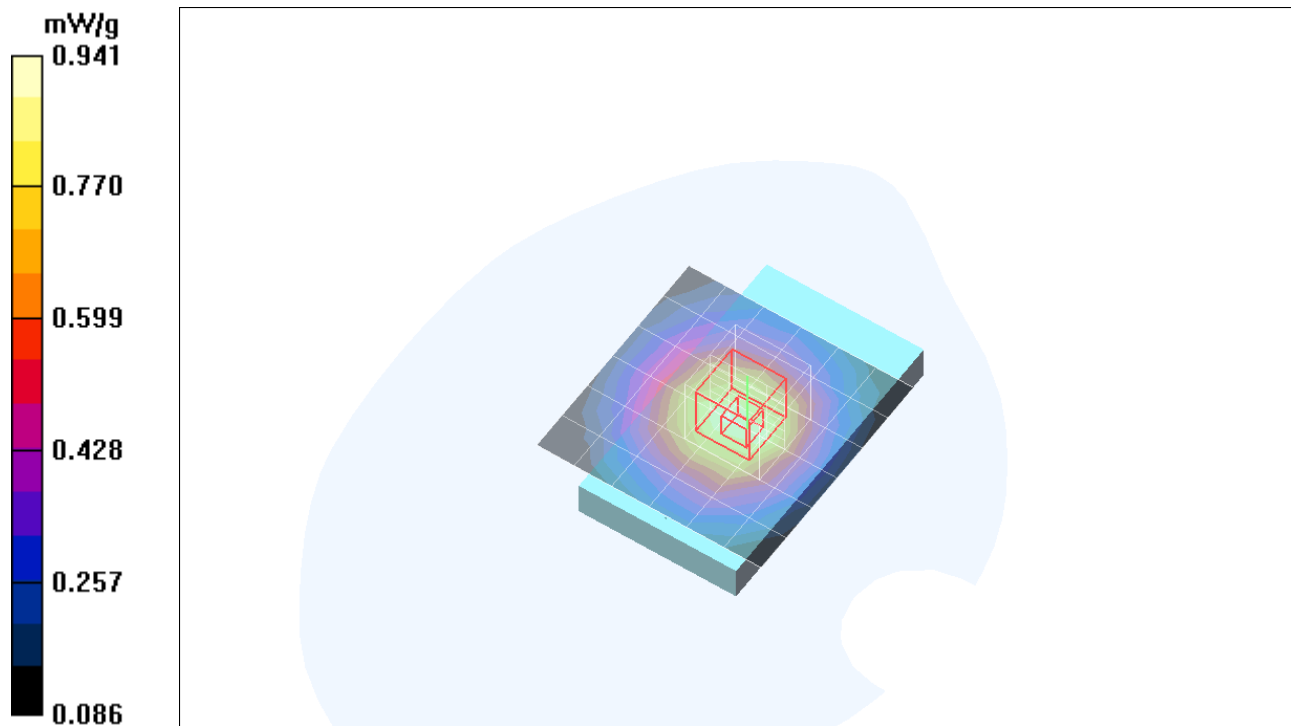
Reference Value = 30.7 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.631 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.941 mW/g





Test Laboratory: Compliance Certification Services

## Body

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00049

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

### **GSM850 EGPRS ch 190-with Holster Face Down/Area Scan (7x7x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.438 mW/g

### **GSM850 EGPRS ch 190-with Holster Face Down/Zoom Scan (5x5x7)/Cube 0:** Measurement

grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

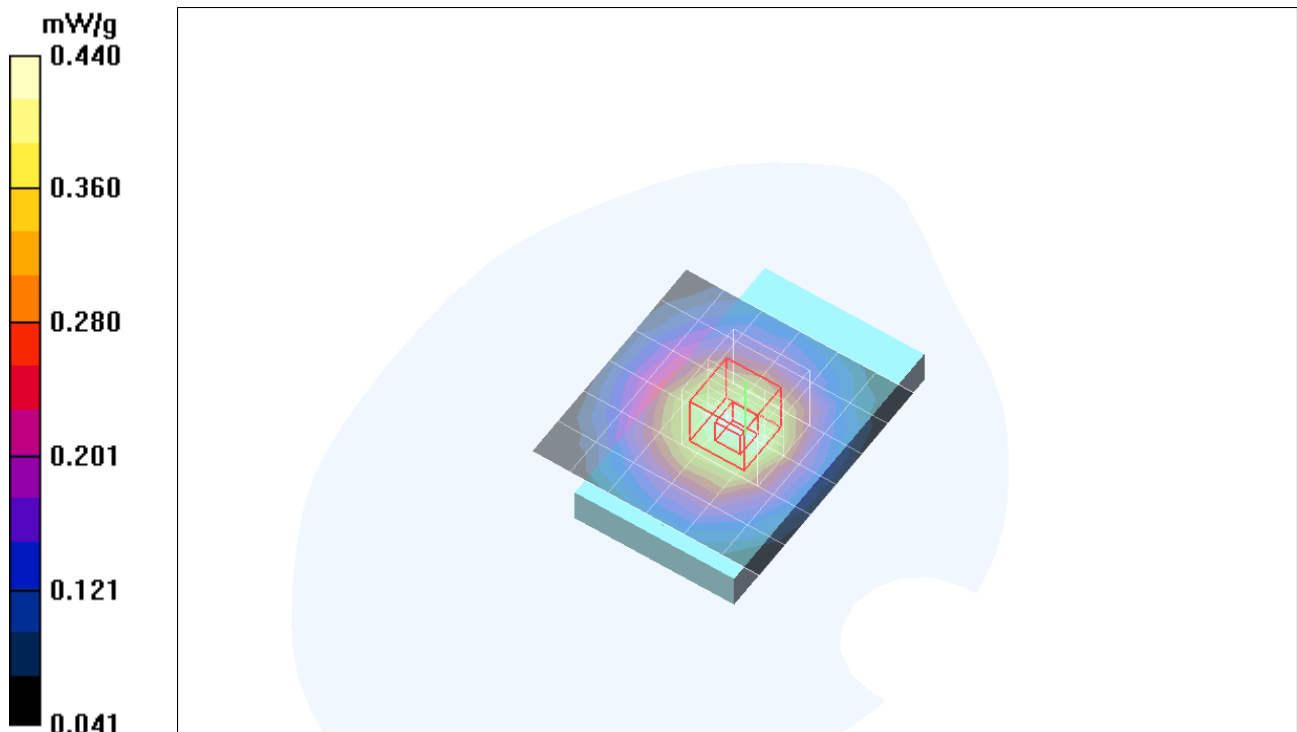
Reference Value = 21.6 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.565 W/kg

**SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.296 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.440 mW/g



Test Laboratory: Compliance Certification Services

## Head-Right Hand Side-with Jog Bar

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00012

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.858$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.65, 9.65, 9.65); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 ch 190-Touch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.960 mW/g

**GSM850 ch 190-Touch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

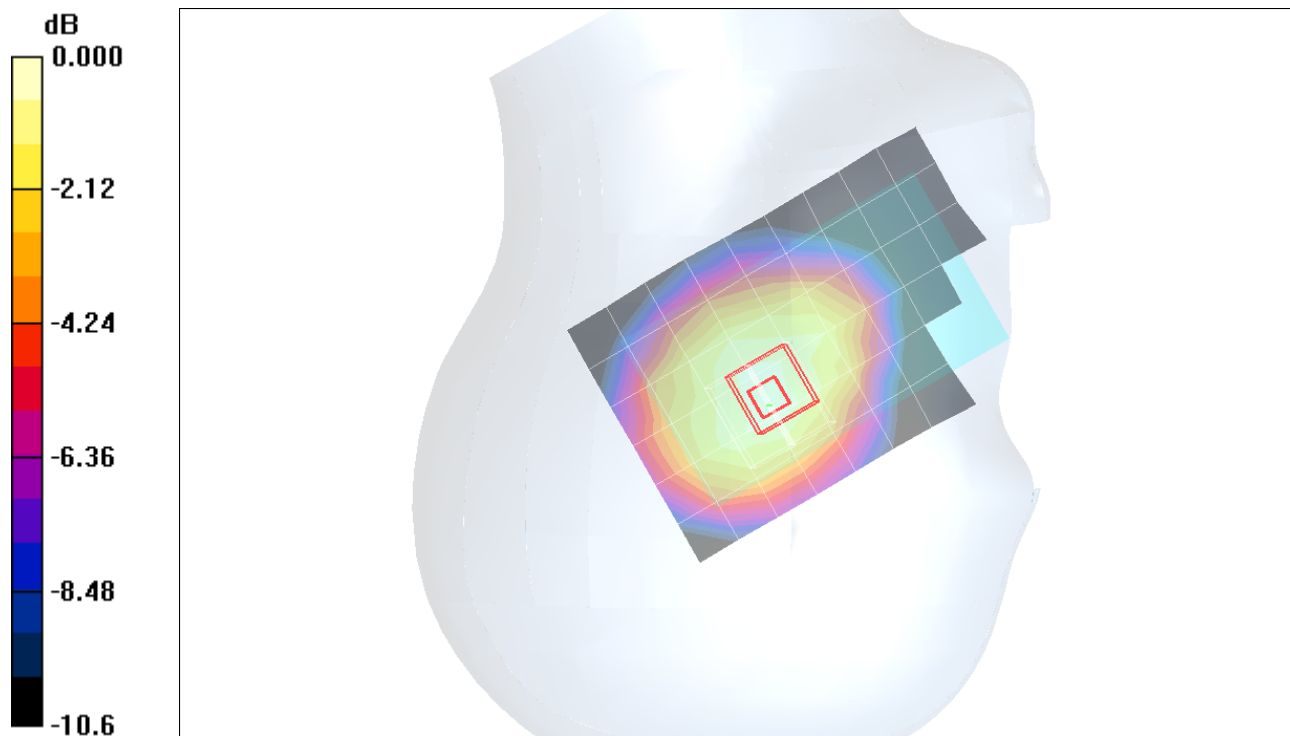
Reference Value = 25.8 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.700 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.992mW/g

Test Laboratory: Compliance Certification Services

## Body-With Jog Bar

DUT: HTC Smart Phone; Type: Smart phone; Serial: HT619FJ00012

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.946$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 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: EX3DV4 - SN3552; ConvF(9.57, 9.57, 9.57); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 21; Postprocessing SW: SEMCAD, V1.8 Build 170

**GSM850 GPRS ch 128-with Holster Face Down/Area Scan (7x7x1):** Measurement grid:  
dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.54 mW/g

**GSM850 GPRS ch 128-with Holster Face Down/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 41.3 V/m; Power Drift = -0.101 dB  
Peak SAR (extrapolated) = 1.97 W/kg  
**SAR(1 g) = 1.45 mW/g; SAR(10 g) = 1.04 mW/g**  
Maximum value of SAR (measured) = 1.55 mW/g

