

Test Laboratory: Compliance Certification Services

## Lap Held Position

DUT: R Note 14 inch; Type: Host Laptop; Serial: N/A

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**GPRS ch 190/Area Scan (11x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.105 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.074 mW/g**

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

Maximum value of SAR (measured) = 0.107 mW/g

**GPRS ch 190/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

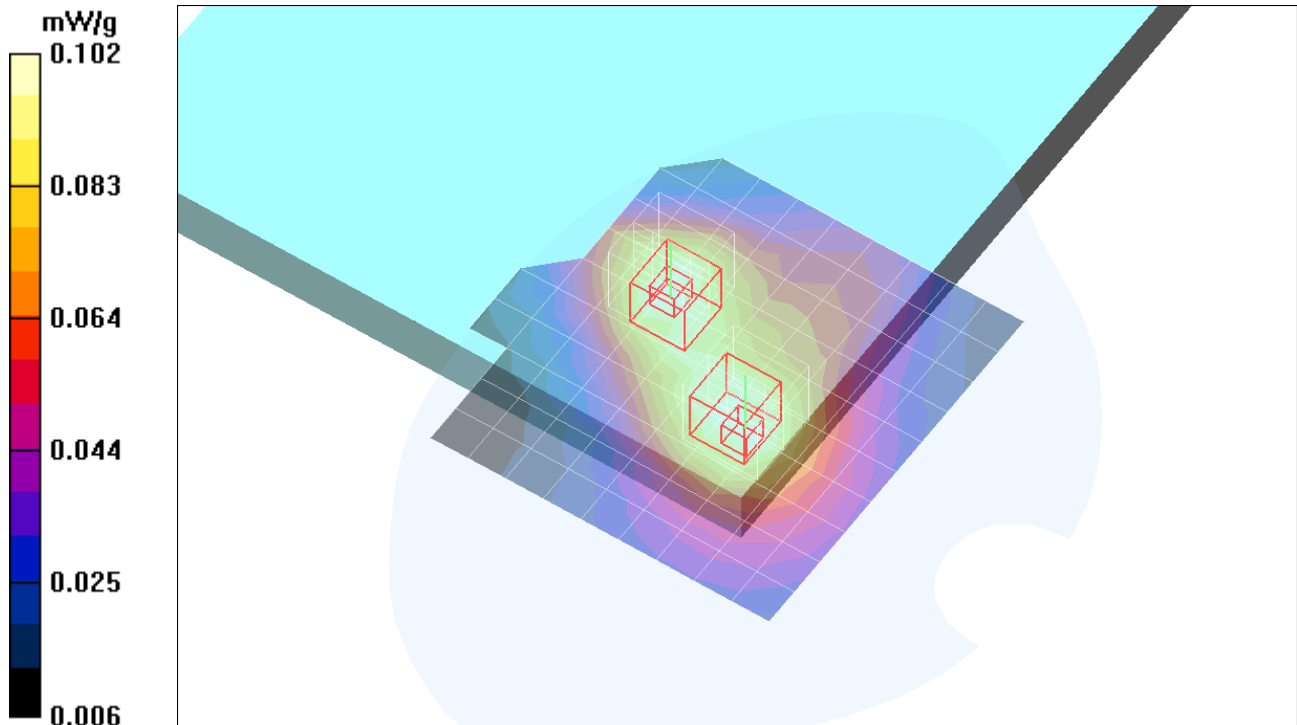
Reference Value = 10.2 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.072 mW/g**

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

Maximum value of SAR (measured) = 0.102 mW/g



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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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### GPRS ch 190 collocated with g mode @ 2437MHz/Area Scan (11x11x1):

Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.105 mW/g

### GPRS ch 190 collocated with g mode @ 2437MHz/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 10.2 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.076 mW/g**

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

Maximum value of SAR (measured) = 0.106 mW/g

### GPRS ch 190 collocated with g mode @ 2437MHz/Zoom Scan (5x5x7)/Cube 1:

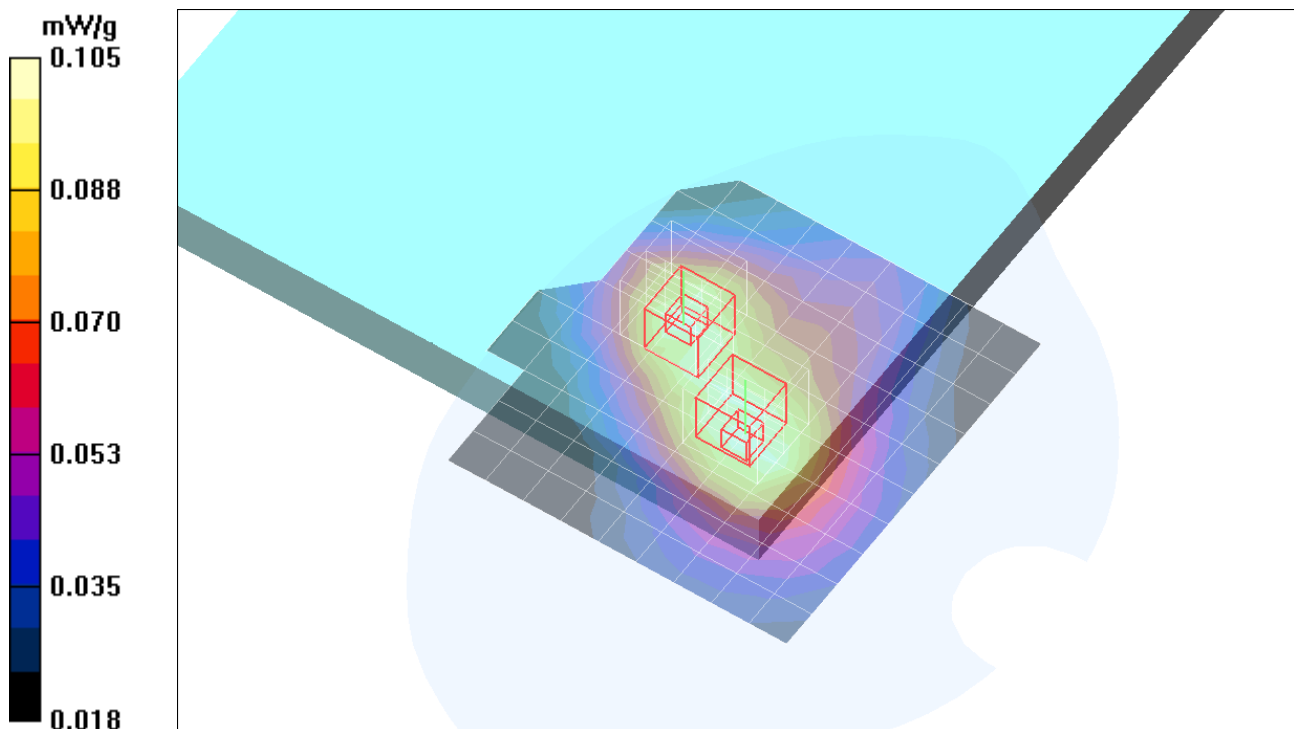
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.075 mW/g**

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



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DUT: R Note 14 inch; Type: Host Laptop; Serial: N/A

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### **GPRS ch 190 collocated with HT20 @ 2437MHz/Area Scan (11x11x1):** Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.104 mW/g

### **GPRS ch 190 collocated with HT20 @ 2437MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 10.3 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.109 mW/g

### **GPRS ch 190 collocated with HT20 @ 2437MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement

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

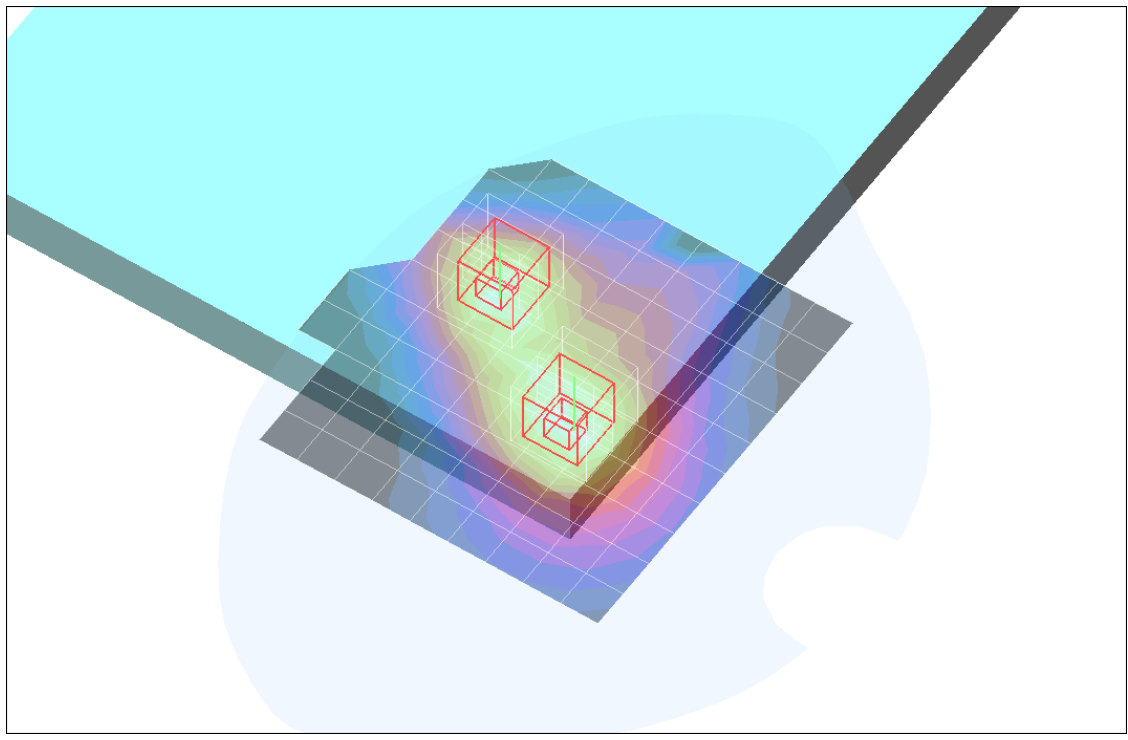
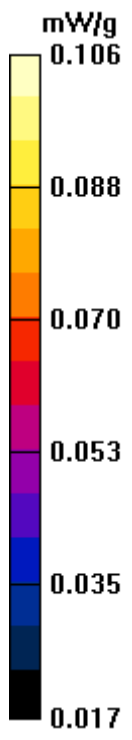
Reference Value = 10.3 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.136 W/kg

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.074 mW/g**

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

Maximum value of SAR (measured) = 0.106 mW/g



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Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### **GPRS ch 190 collocated with HT40 @ 2437MHz/Area Scan (11x11x1):** Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.108 mW/g

### **GPRS ch 190 collocated with HT40 @ 2437MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 10.4 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.076 mW/g**

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

Maximum value of SAR (measured) = 0.110 mW/g

### **GPRS ch 190 collocated with HT40 @ 2437MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement

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

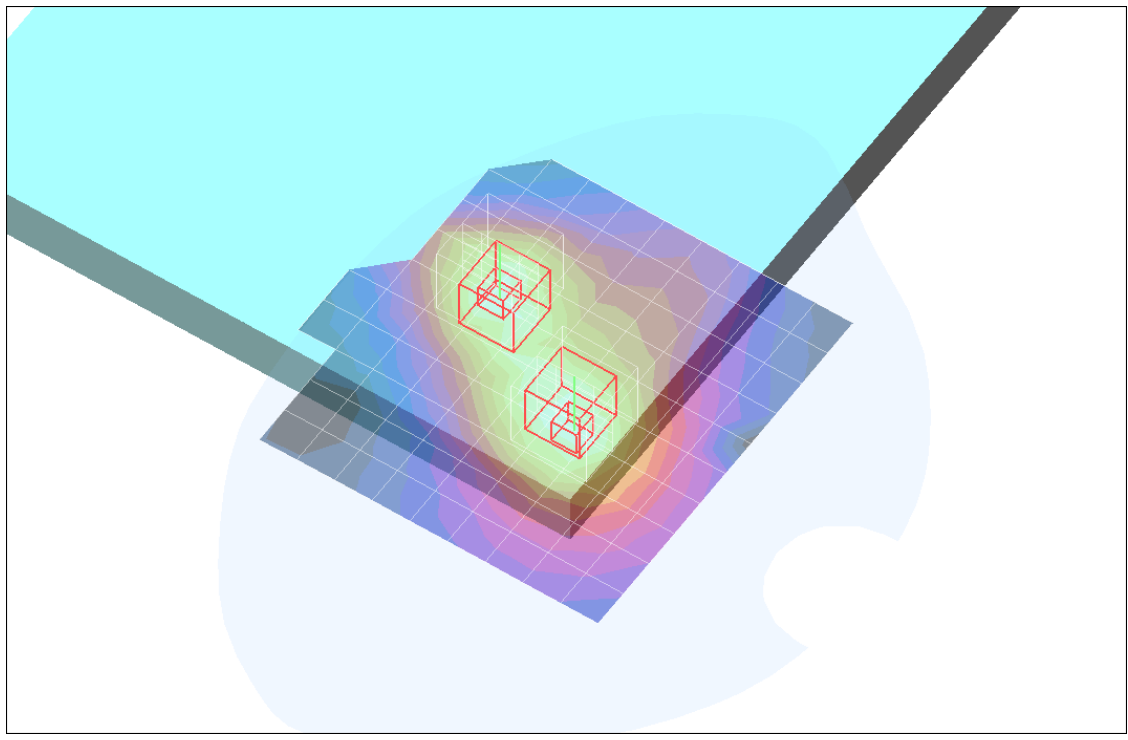
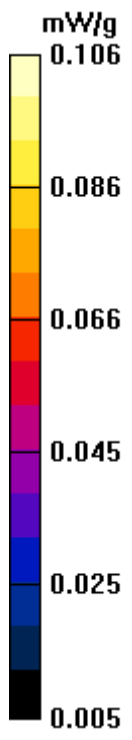
Reference Value = 10.4 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.216 W/kg

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.074 mW/g**

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

Maximum value of SAR (measured) = 0.106 mW/g



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## Lap Held Position

DUT: R Note 14 inch; Type: Host Laptop; Serial: N/A

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**GPRS ch 190 with a mode @ 5260MHz/Area Scan (11x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.104 mW/g

**GPRS ch 190 with a mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 10.3 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.075 mW/g**

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

Maximum value of SAR (measured) = 0.107 mW/g

**GPRS ch 190 with a mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

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

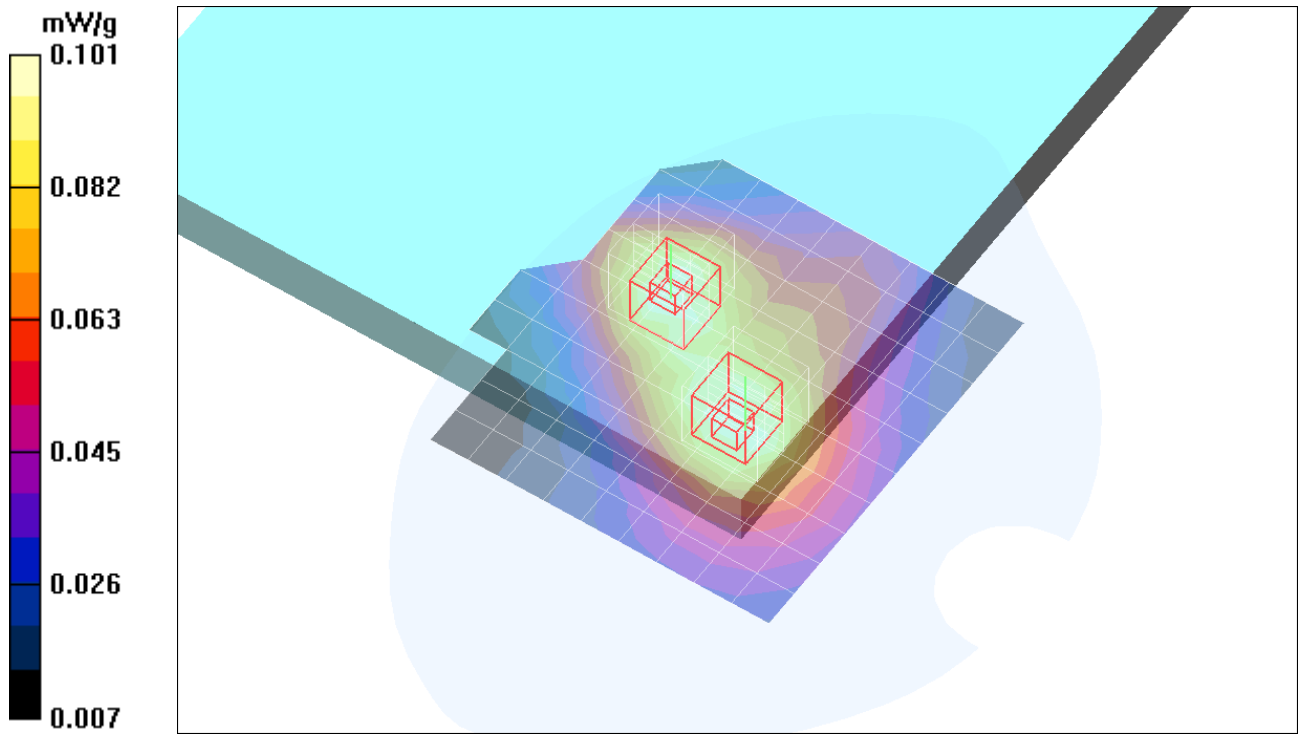
Reference Value = 10.3 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.101 mW/g





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## Lap Held Position

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**GPRS ch 190 with HT20 mode @ 5260MHz/Area Scan (11x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.104 mW/g

**GPRS ch 190 with HT20 mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.102 mW/g

**GPRS ch 190 with HT20 mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

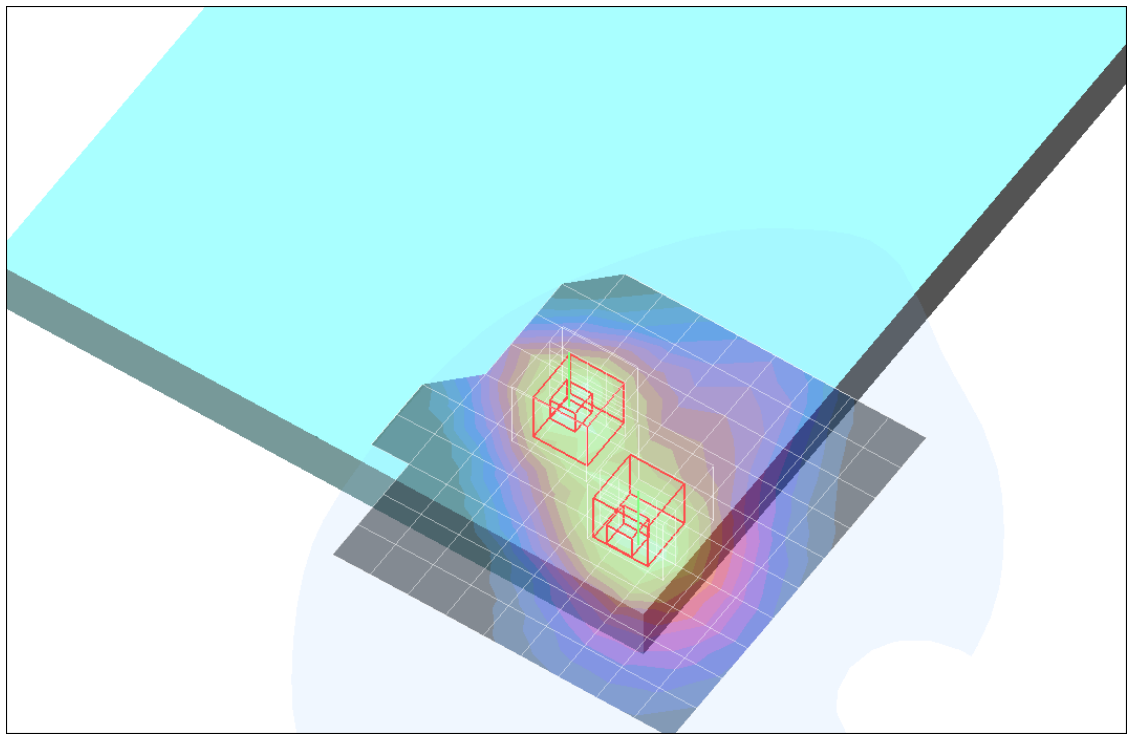
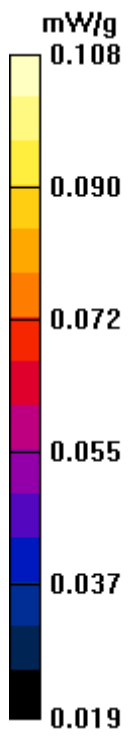
Reference Value = 10.1 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.075 mW/g**

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

Maximum value of SAR (measured) = 0.108 mW/g



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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  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 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**GPRS ch 190 with HT40 mode @ 5260MHz/Area Scan (11x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.105 mW/g

**GPRS ch 190 with HT40 mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 10.2 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.075 mW/g**

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

Maximum value of SAR (measured) = 0.108 mW/g

**GPRS ch 190 with HT40 mode @ 5260MHz/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

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

Reference Value = 10.2 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.072 mW/g**

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

Maximum value of SAR (measured) = 0.102 mW/g

