

Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-Ch1-Mode 24

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.069 mW/g

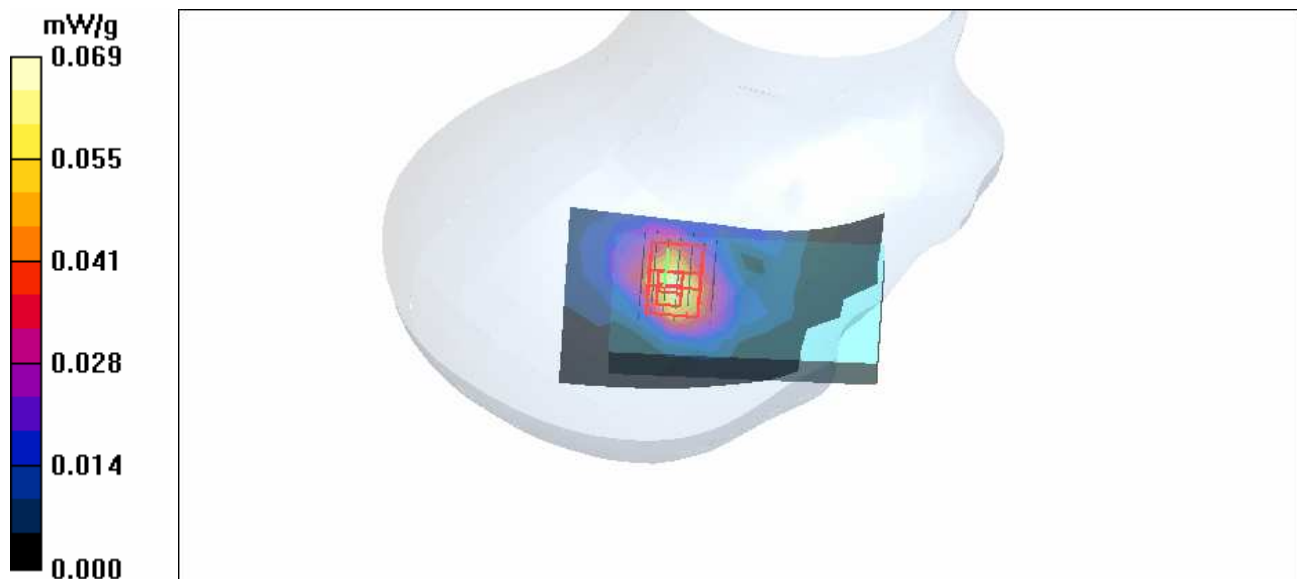
**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 5.02 V/m

Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.034 mW/g**



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## Right Head-Cheek-11g-Ch6-Mode 24

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

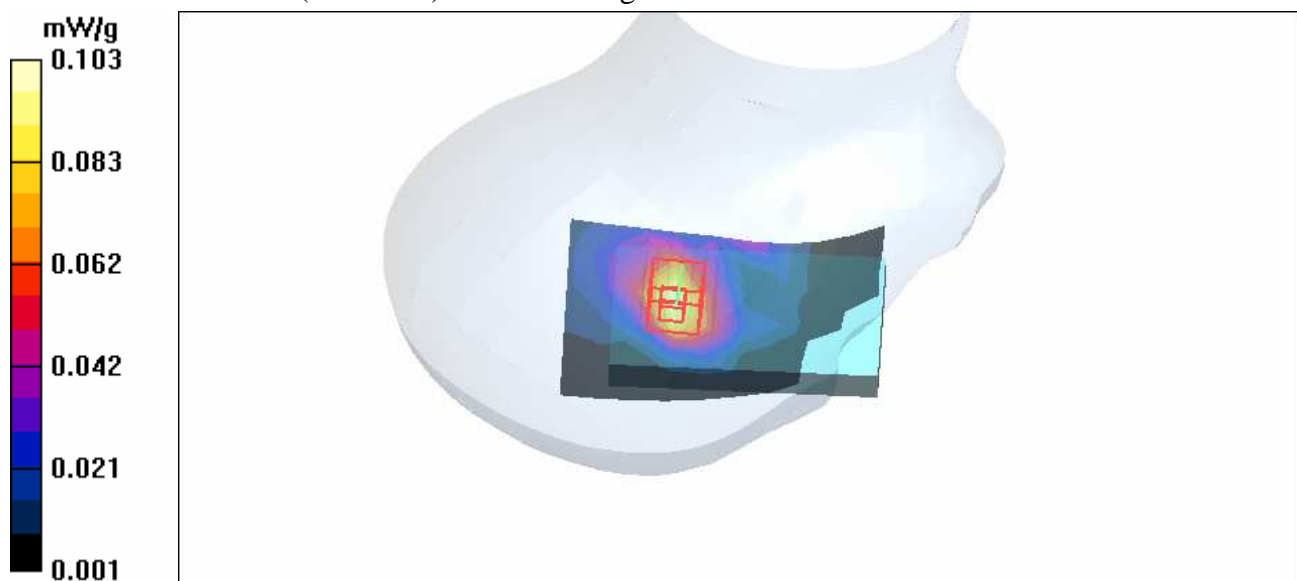
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.96 V/m

Peak SAR (extrapolated) = 0.184 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.103 mW/g



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## Right Head-Cheek-11g-Ch11-Mode 24

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.074 mW/g

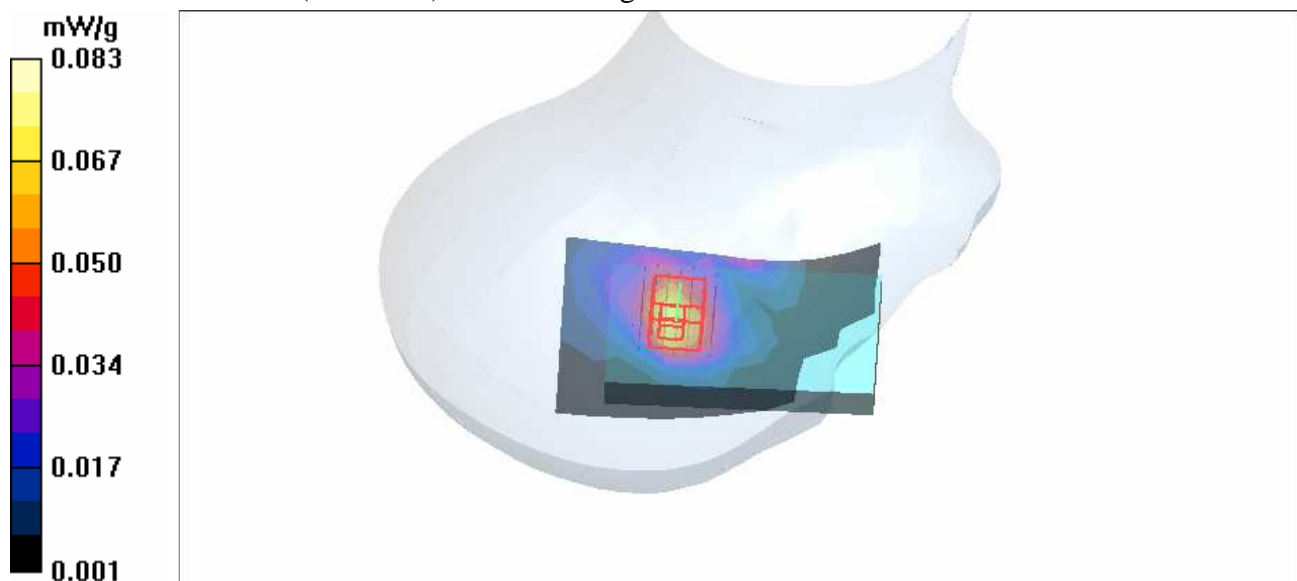
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.06 V/m

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g



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## Right Head-Tilt-11g-Ch1-Mode 25

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.061 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

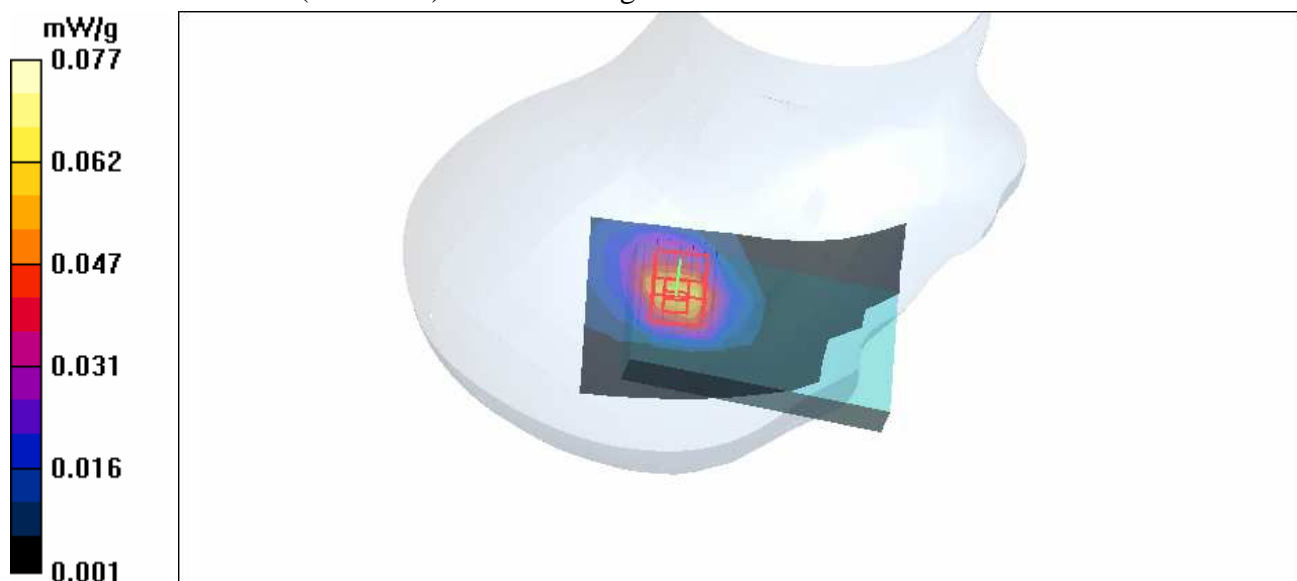
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.23 V/m

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.077 mW/g



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## Right Head-Tilt-11g-Ch6-Mode 25

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.084 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

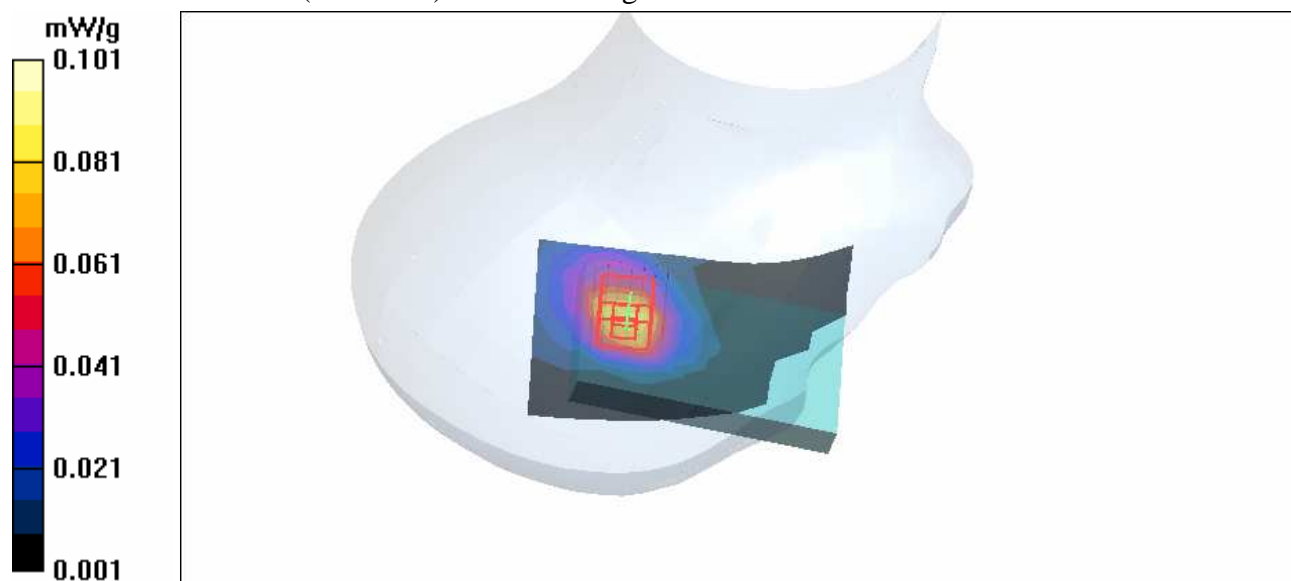
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.99 V/m

Peak SAR (extrapolated) = 0.184 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.048 mW/g**

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



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## Right Head-Tilt-11g-Ch11-Mode 25

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.074 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

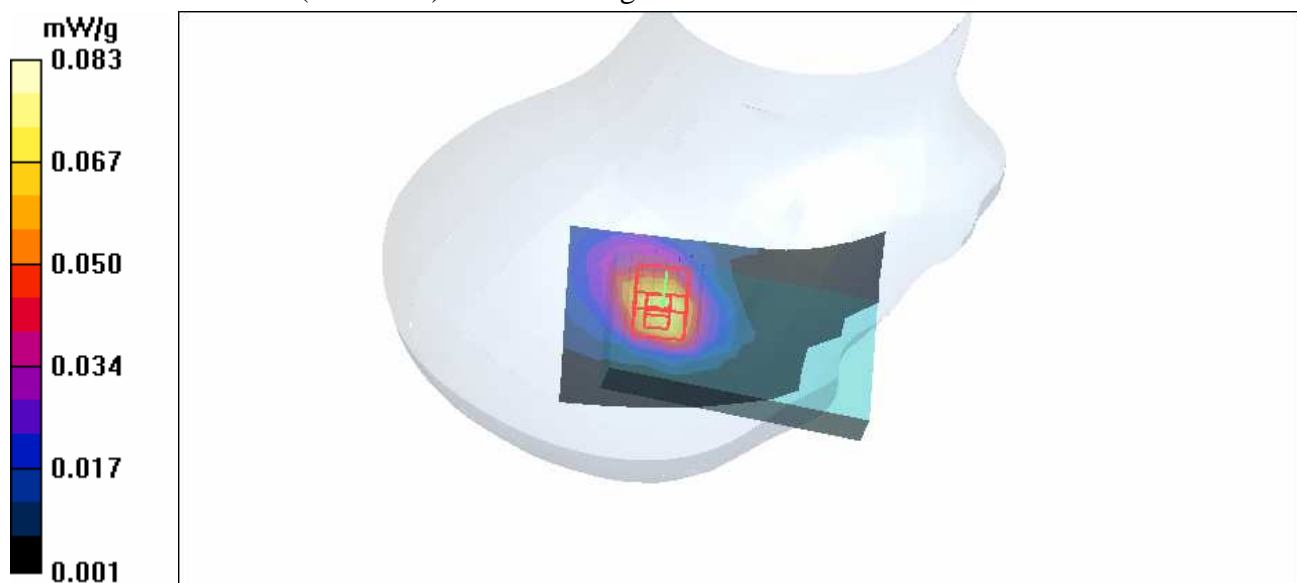
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.25 V/m

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g



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## Left Head-Cheek-11g-Ch1-Mode 26

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.78 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.079 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

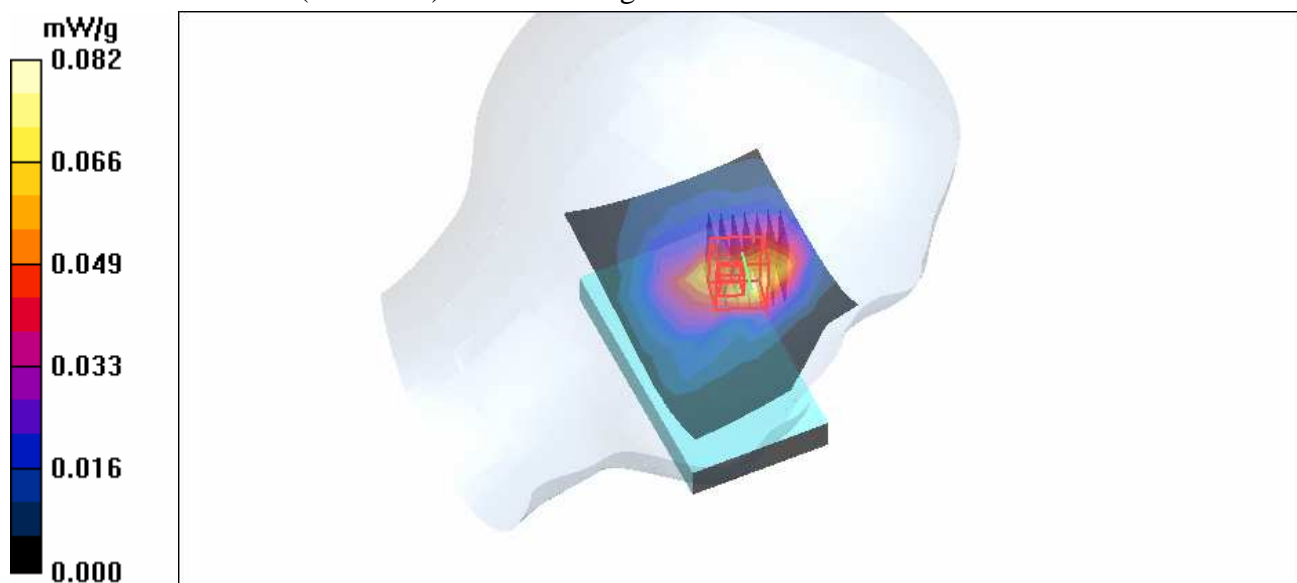
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.18 V/m

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.082 mW/g



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## Left Head-Cheek-11g-Ch6-Mode 26

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

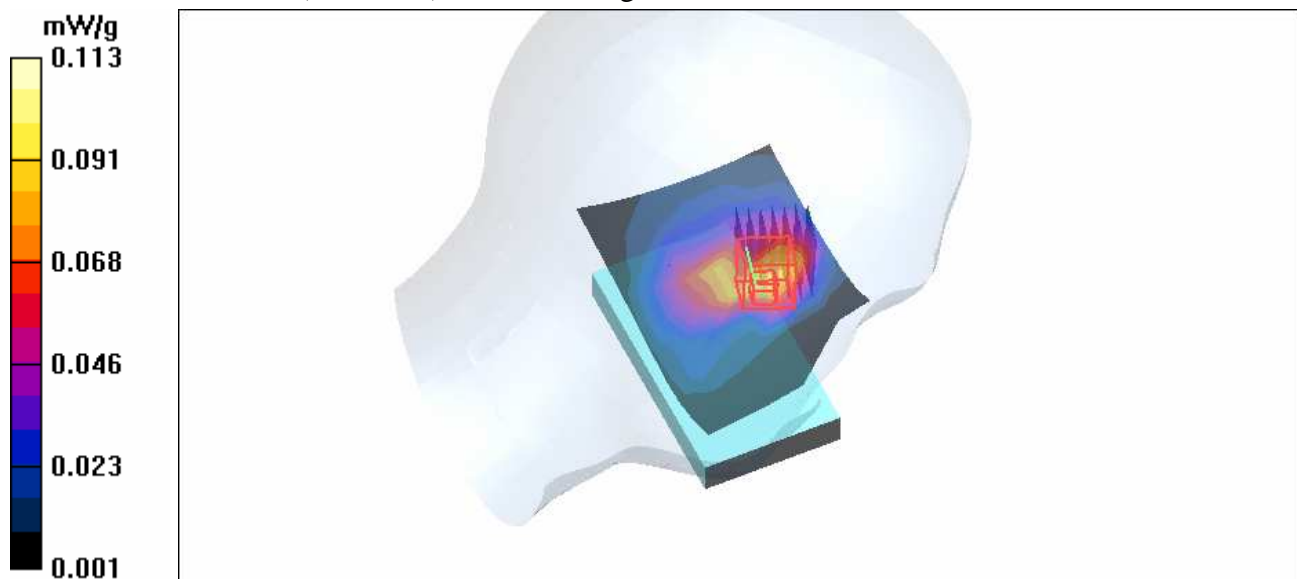
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.51 V/m

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.113 mW/g





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## Left Head-Cheek-11g-Ch11-Mode 26

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.072 mW/g

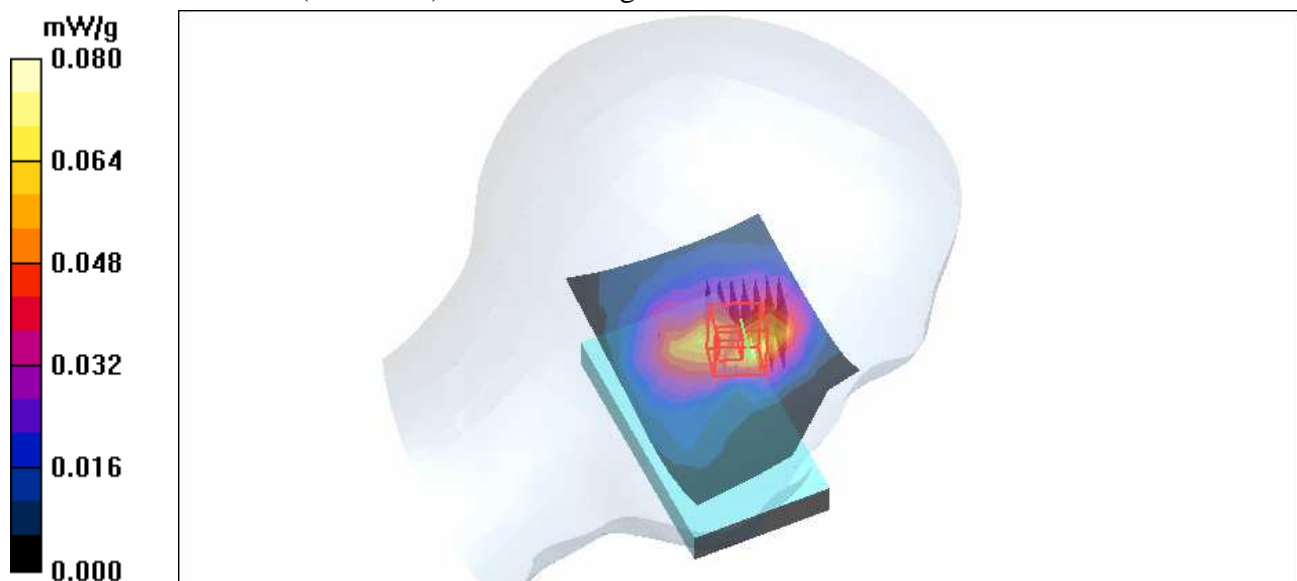
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.19 V/m

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.080 mW/g



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## Left Head-Tilt-11g-Ch1-Mode 27

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.052 mW/g

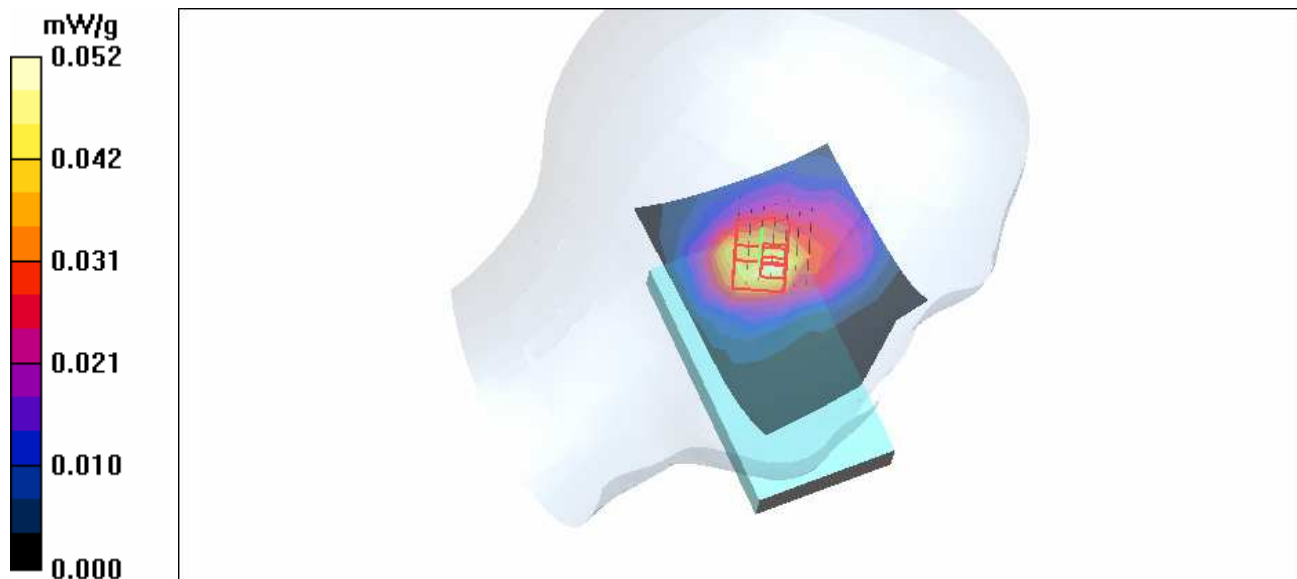
**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 5.21 V/m

Peak SAR (extrapolated) = 0.090 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.028 mW/g**



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## Left Head-Tilt-11g-Ch6-Mode 27

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.081 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

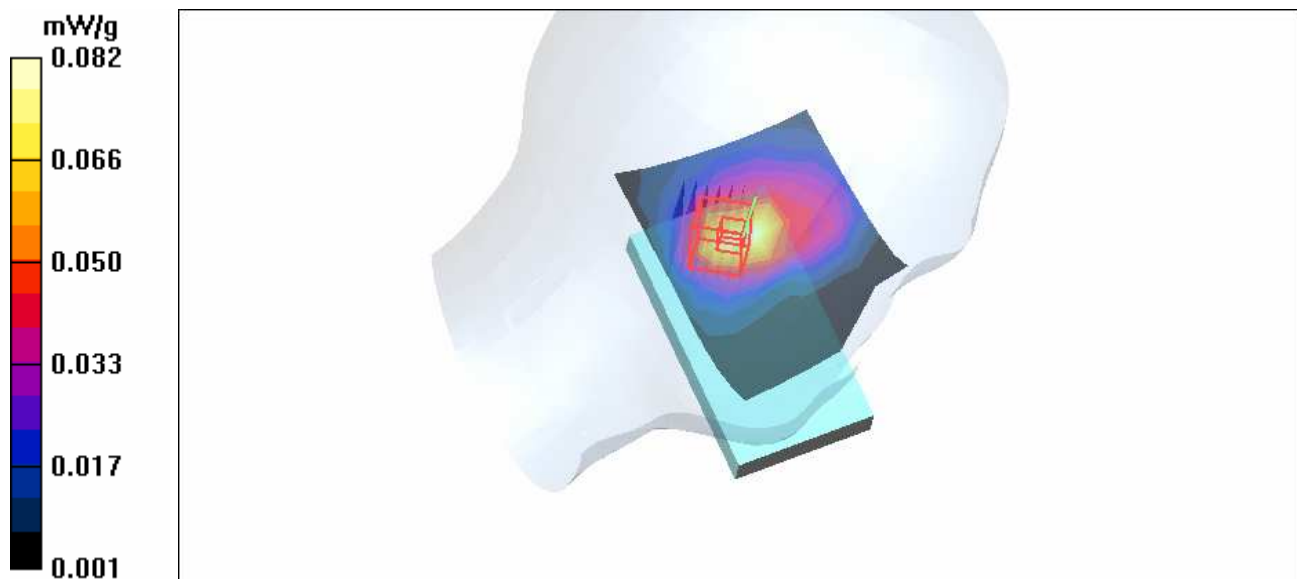
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.73 V/m

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.082 mW/g



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## Left Head-Tilt-11g-Ch11-Mode 27

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK

Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.052 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

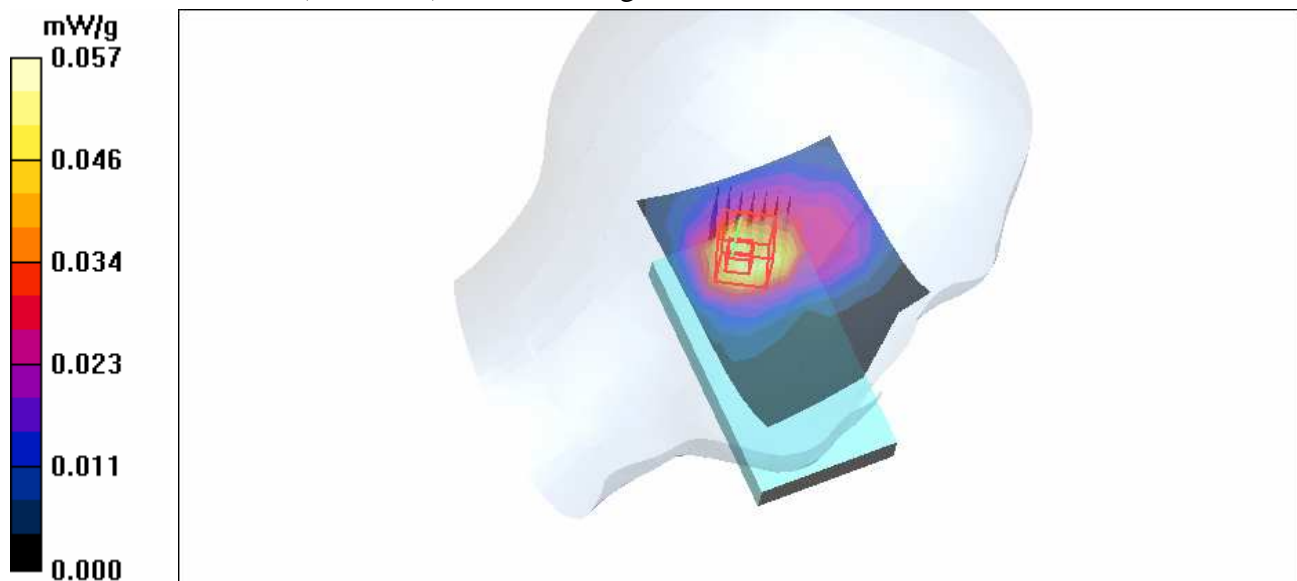
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.24 V/m

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.057 mW/g



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## Body Worn-Keypad Down-11g-Ch1-Mode 28

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.190 mW/g

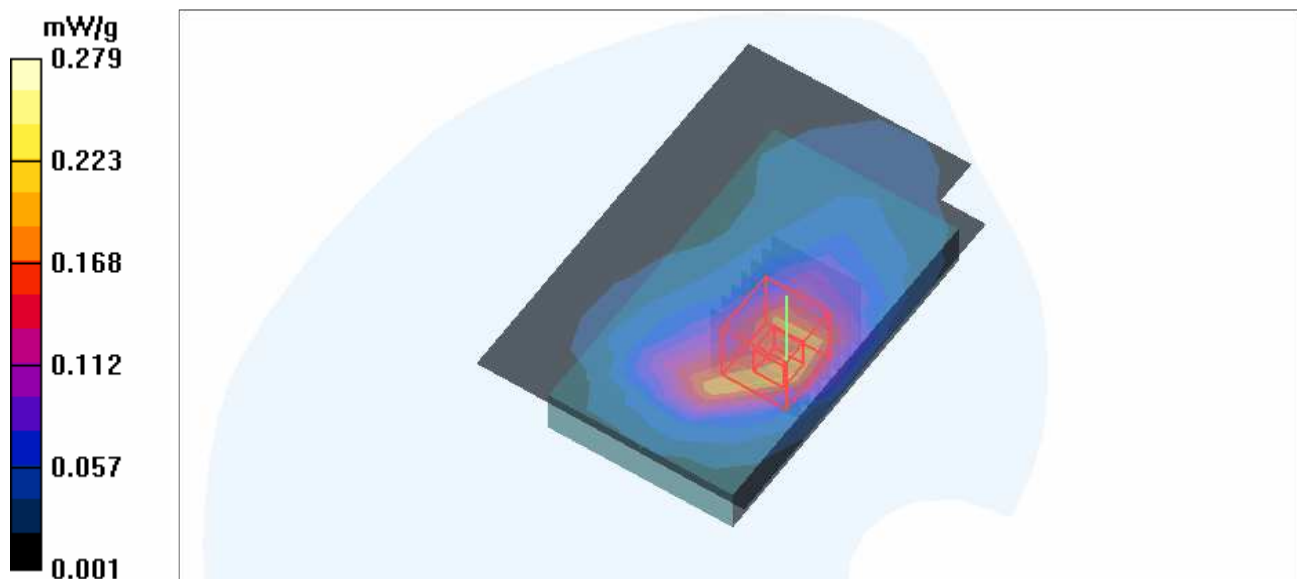
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.18 V/m

Peak SAR (extrapolated) = 0.625 W/kg

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



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## Body Worn-Keypad Down-11g-Ch6-Mode 28

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.206 mW/g

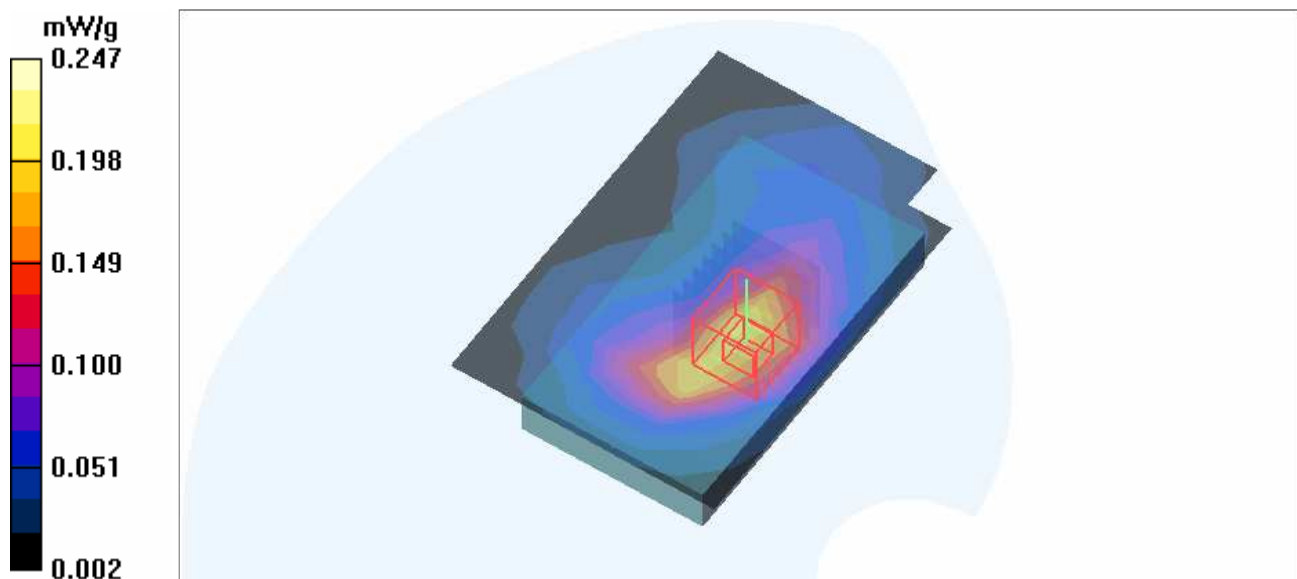
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.19 V/m

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.247 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-Keypad Down-11g-Ch11-Mode 28

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.199 mW/g

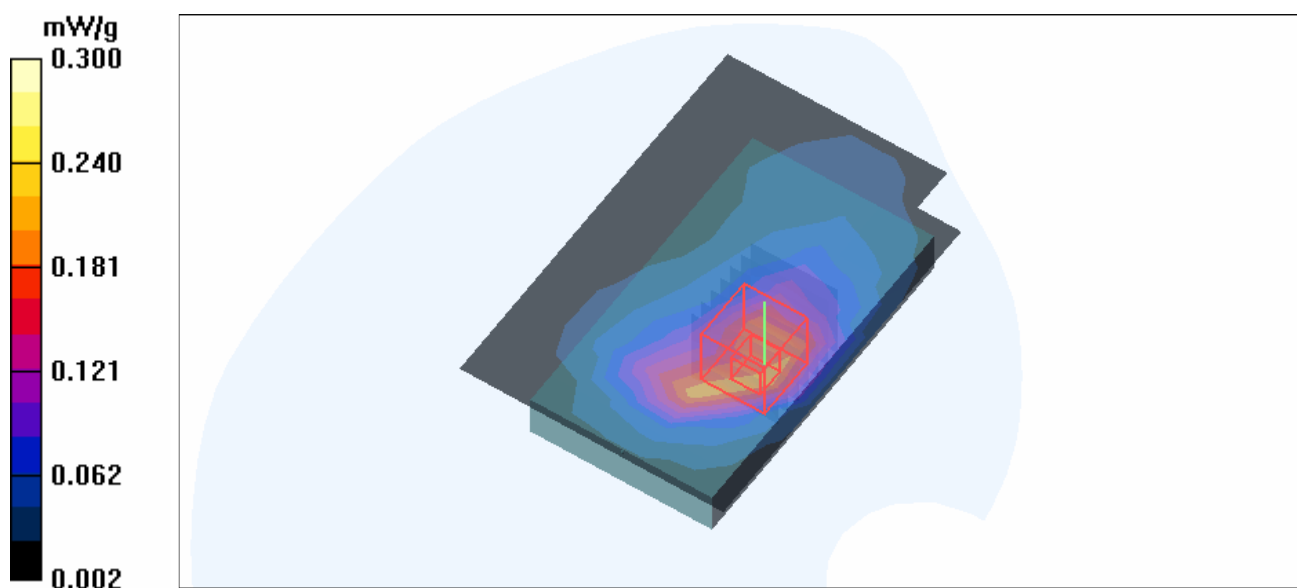
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.14 V/m

Peak SAR (extrapolated) = 0.682 W/kg

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.300 mW/g





Test Laboratory: Advance Data Technology

## Body Worn-Keypad Up-11g-Ch6-Mode 29

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.039 mW/g

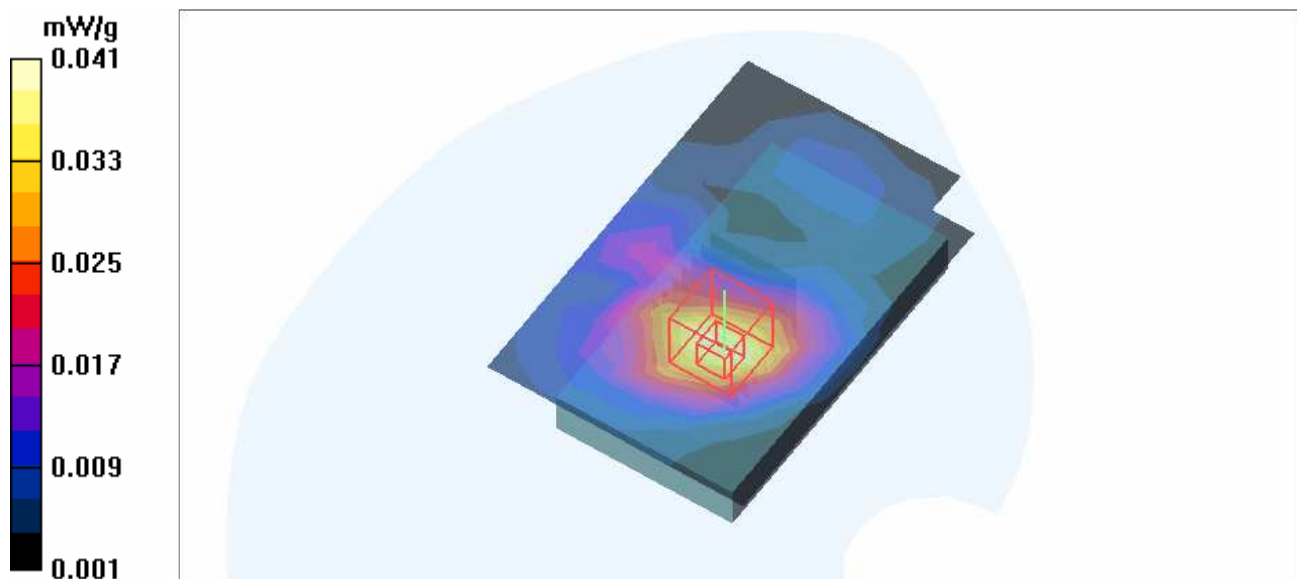
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.52 V/m

Peak SAR (extrapolated) = 0.077 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.041 mW/g





Test Laboratory: Advance Data Technology

### Right Head-Cheek-BT-Ch0-Mode 30

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2402 MHz**

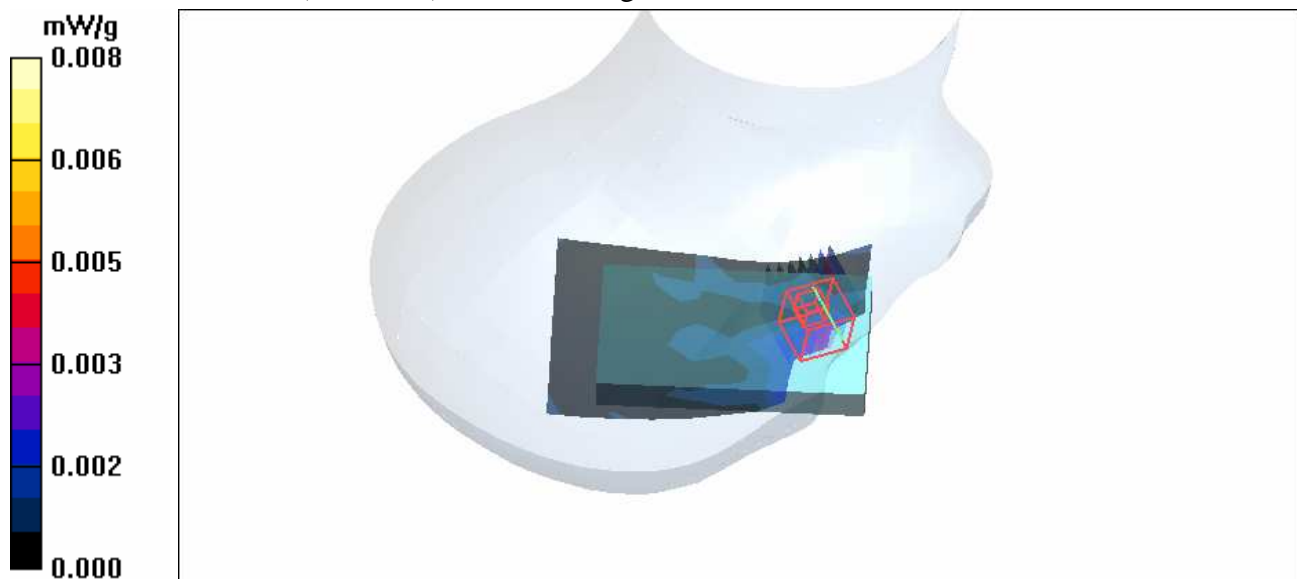
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.003 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.754 V/m  
 Peak SAR (extrapolated) = 0.009 W/kg  
**SAR(1 g) = 0.000148 mW/g; SAR(10 g) = 3.15e-005 mW/g**  
 Maximum value of SAR (measured) = 0.008 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch39-Mode 30

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.789 V/m

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00281 mW/g; SAR(10 g) = 0.000972 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch78-Mode 30

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

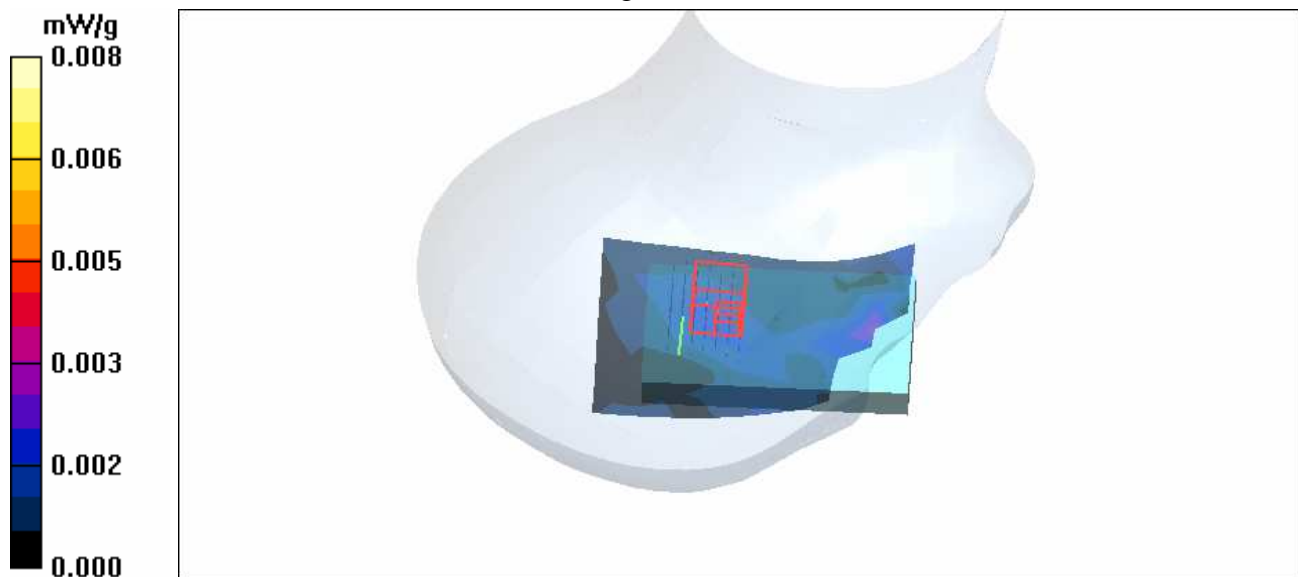
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.767 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.000207 mW/g; SAR(10 g) = 5.91e-005 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch0-Mode 31

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

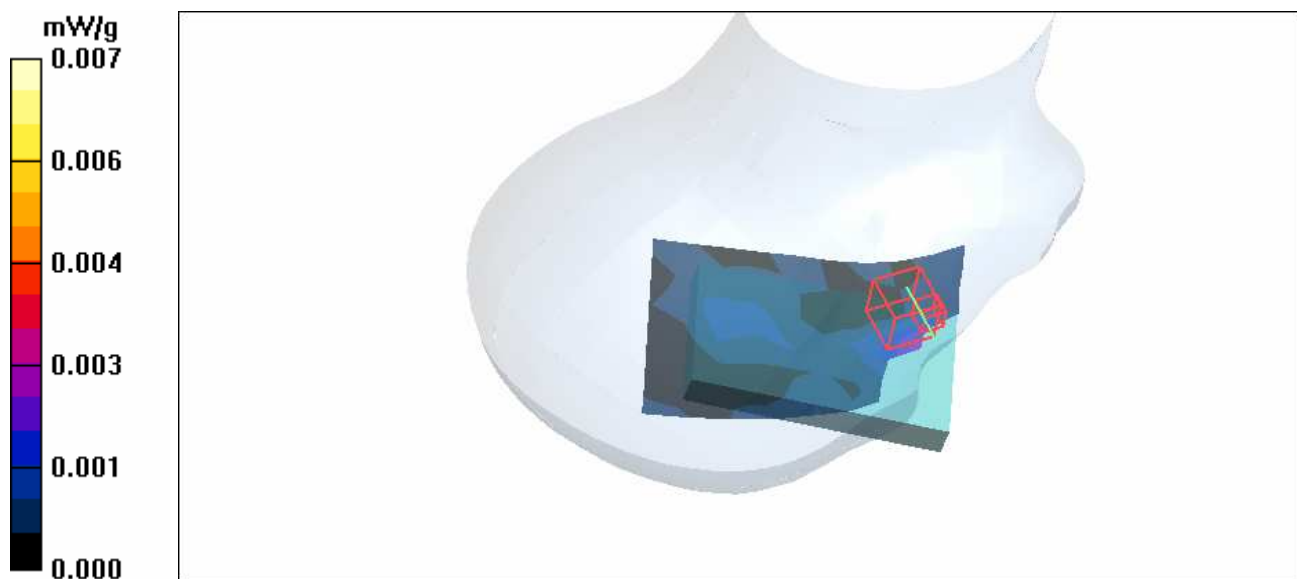
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.955 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.000631 mW/g; SAR(10 g) = 0.000128 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch39-Mode 31

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

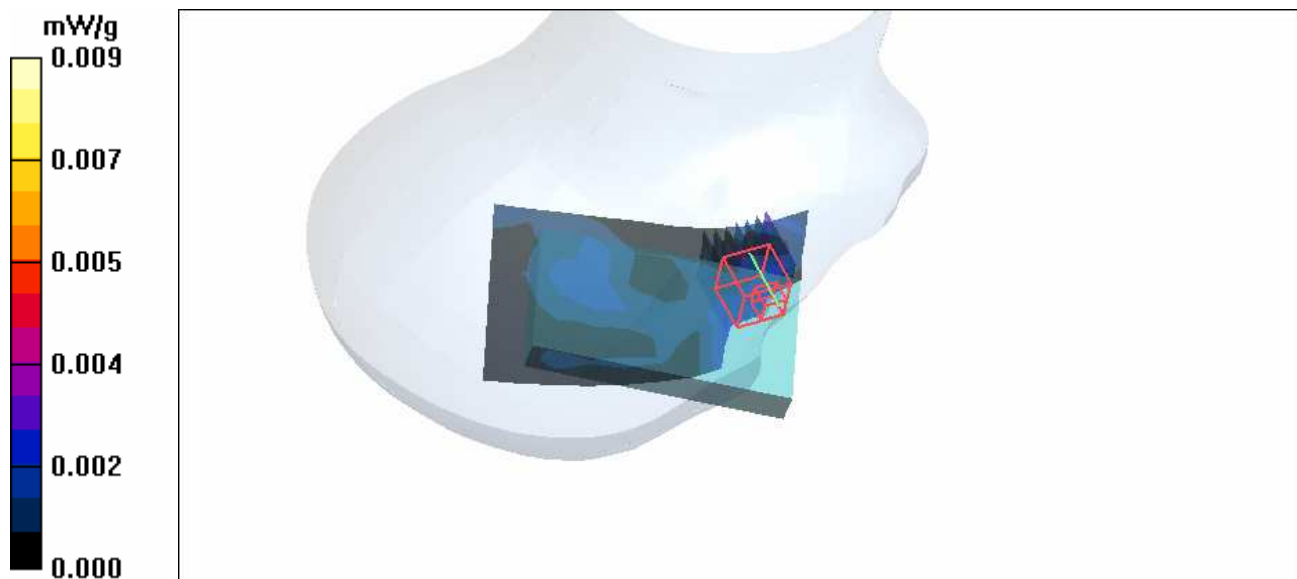
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.862 V/m

Peak SAR (extrapolated) = 0.019 W/kg

**SAR(1 g) = 9.78e-005 mW/g; SAR(10 g) = 1.35e-005 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch78-Mode 31

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

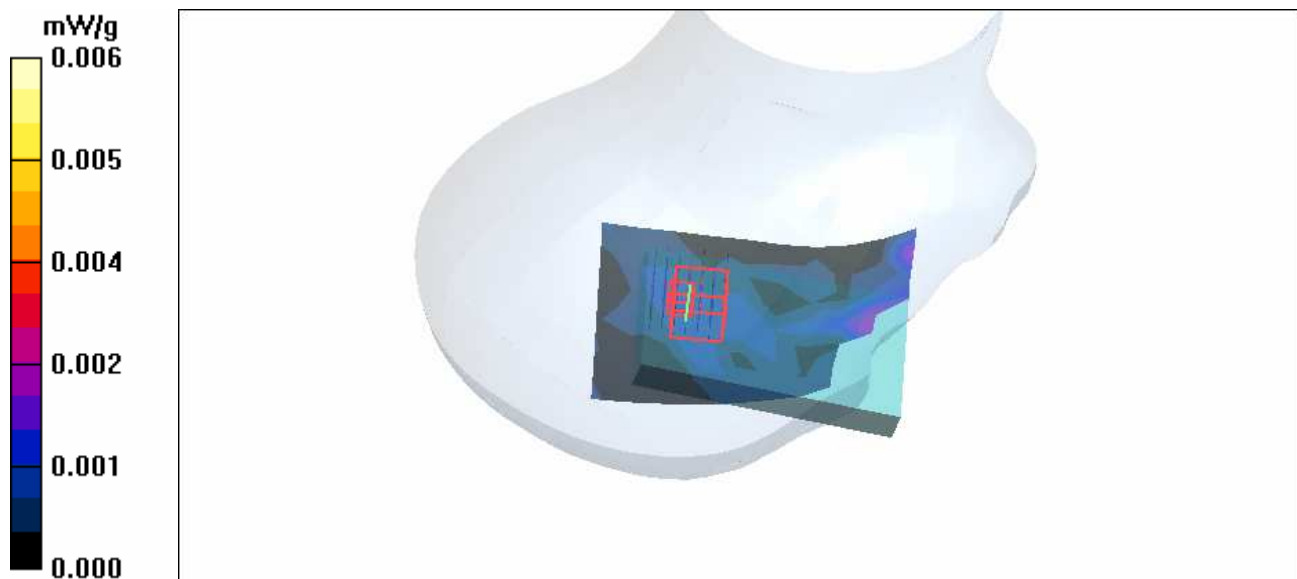
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.900 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.000114 mW/g; SAR(10 g) = 2.64e-005 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch0-Mode 32

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2402 MHz**

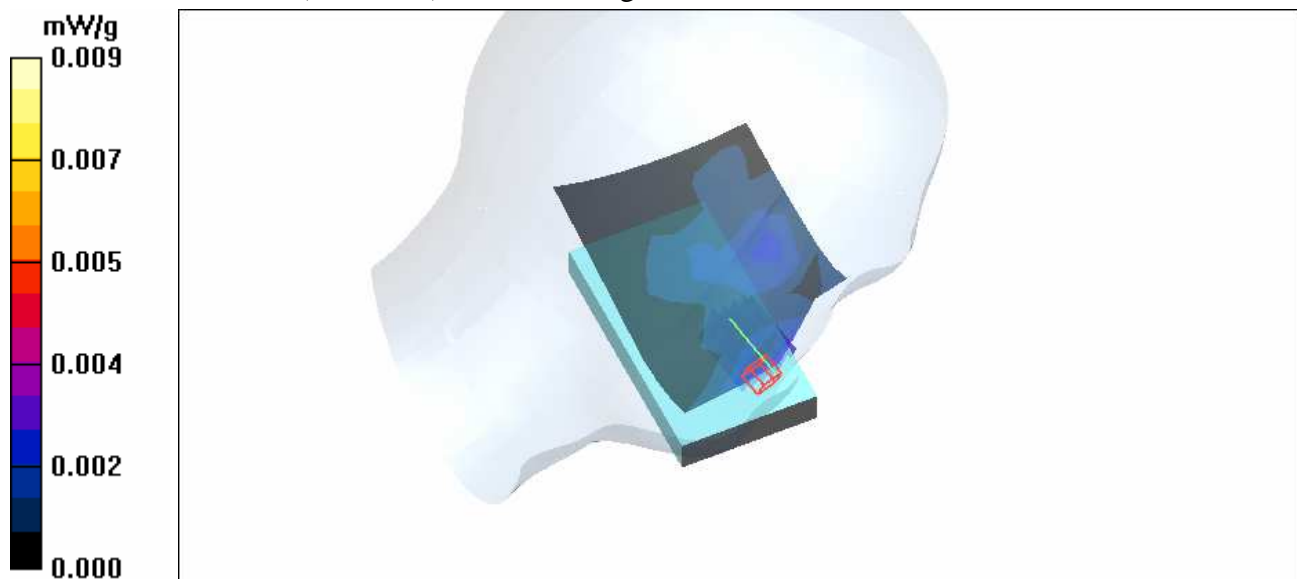
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.003 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.589 V/m  
 Peak SAR (extrapolated) = 0.009 W/kg  
**SAR(1 g) = 0.000135 mW/g; SAR(10 g) = n.a.**  
 Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-BT-Ch39-Mode 32

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.004 mW/g

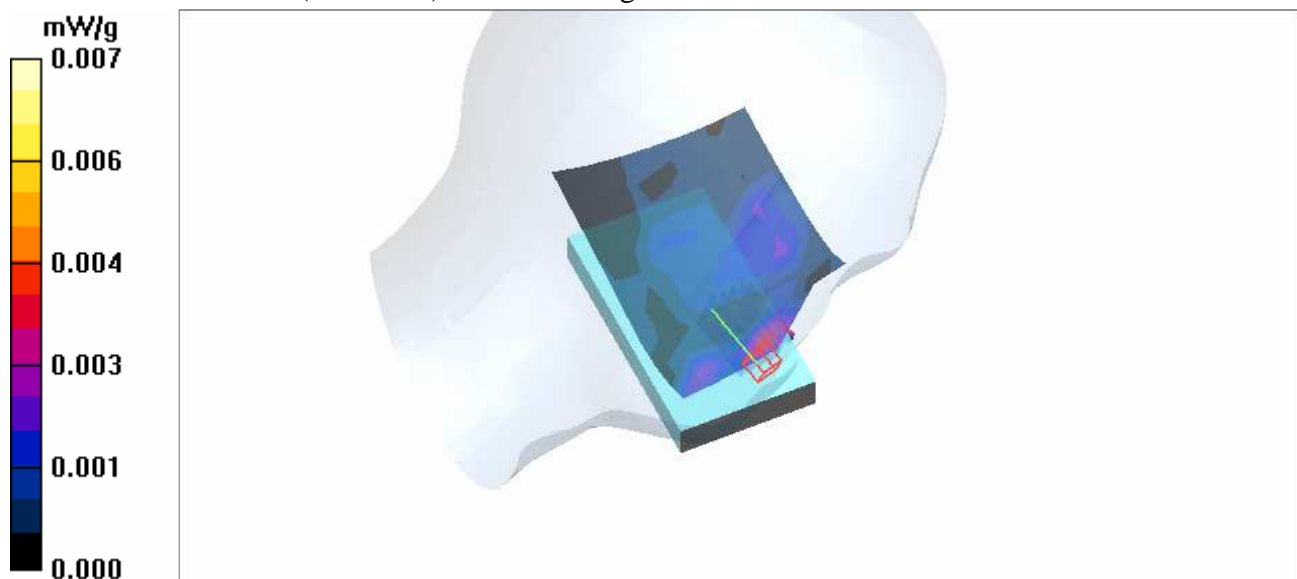
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.565 V/m

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.000116 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.007 mW/g





Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch78-Mode 32

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

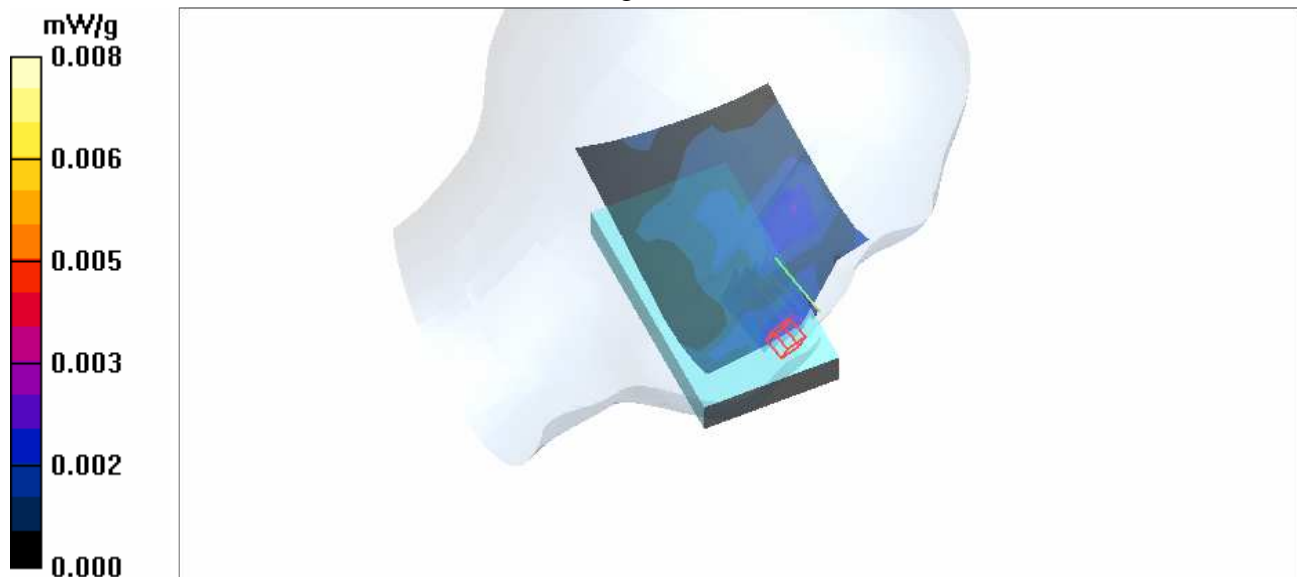
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.651 V/m

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.000106 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.008 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-BT-Ch0-Mode 33

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2402 MHz**

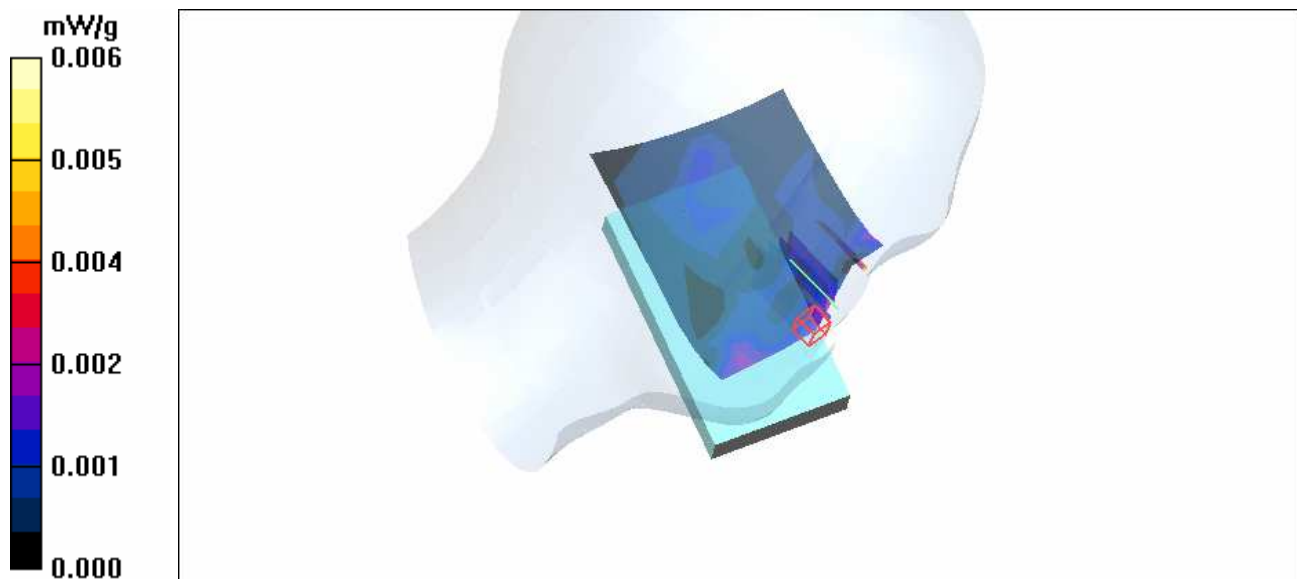
Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.699 V/m  
 Peak SAR (extrapolated) = 0.156 W/kg  
**SAR(1 g) = 1.12e-007 mW/g; SAR(10 g) = n.a.**  
 Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-BT-Ch39-Mode 33

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

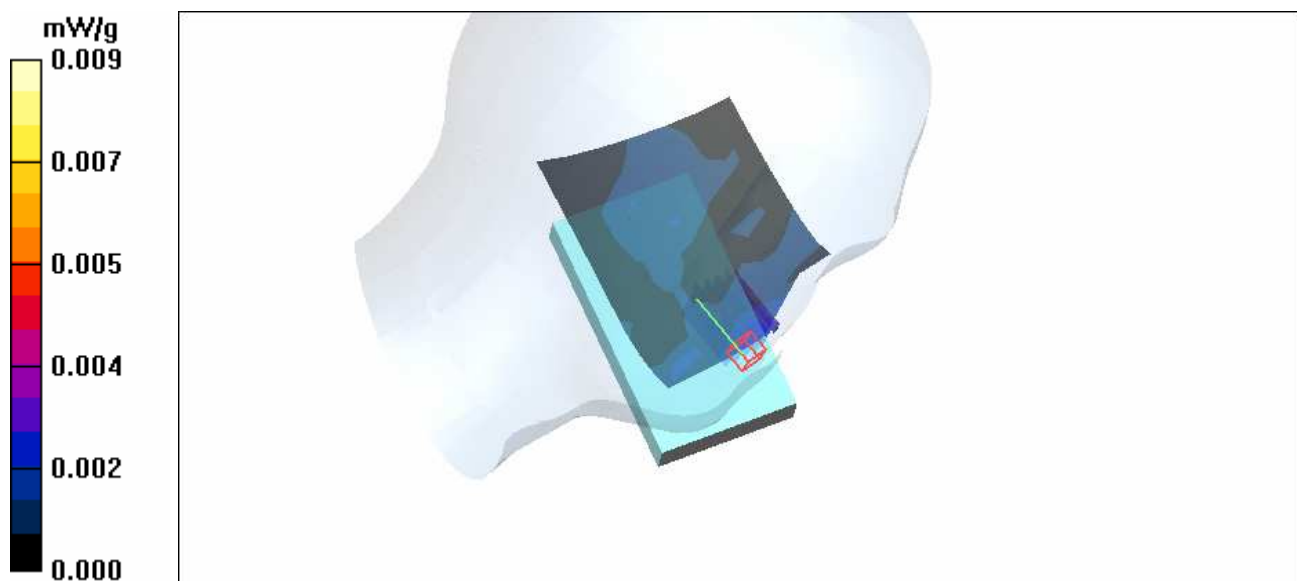
Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.716 V/m  
 Peak SAR (extrapolated) = 0.007 W/kg  
**SAR(1 g) = 0.00011 mW/g; SAR(10 g) = n.a.**  
 Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-BT-Ch78-Mode 33

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2480 MHz**

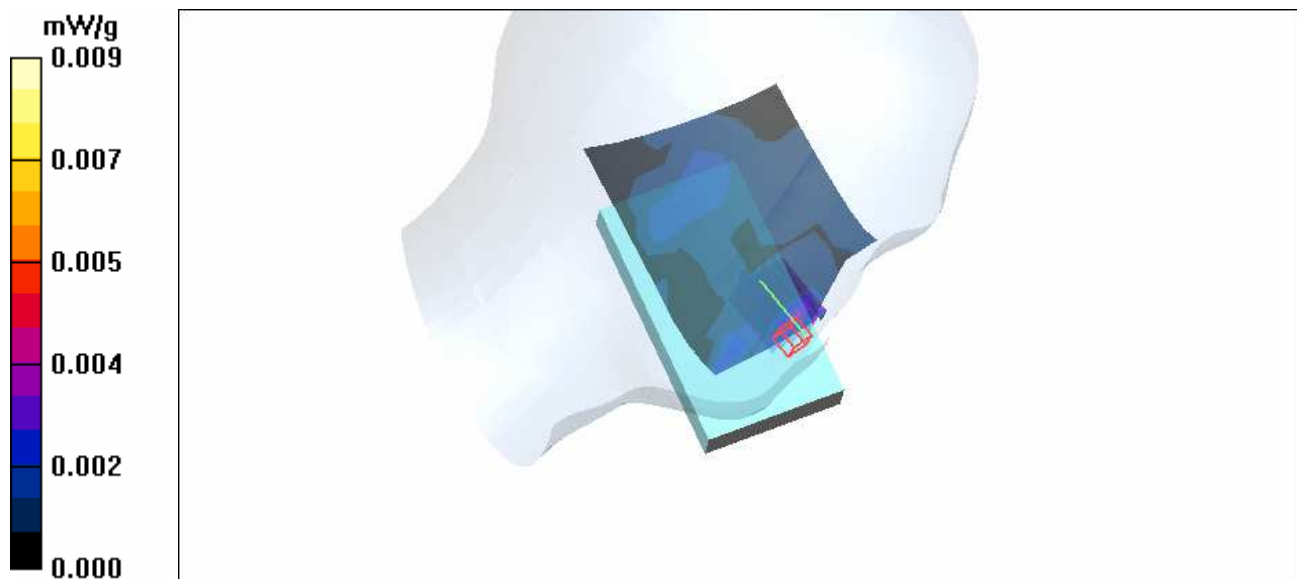
Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK  
 Antenna type : Internal Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.003 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.709 V/m  
 Peak SAR (extrapolated) = 0.009 W/kg  
**SAR(1 g) = 0.000158 mW/g; SAR(10 g) = n.a.**  
 Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-Keypad Down-BT-Ch0-Mode 34

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm  
 Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.004 mW/g

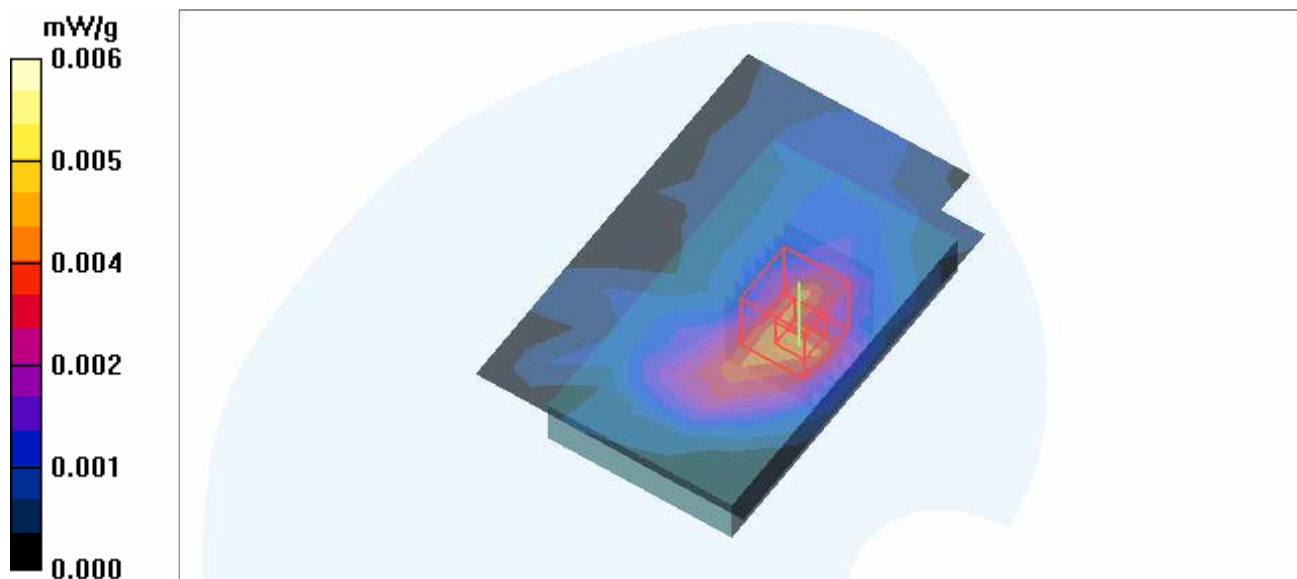
**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.625 V/m

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.00467 mW/g; SAR(10 g) = 0.00154 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-BT-Ch39-Mode 34**

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.98 \text{ mho/m}$ ;  $\epsilon_r = 53.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.004 mW/g

**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.686 V/m

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.00582 mW/g; SAR(10 g) = 0.00175 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

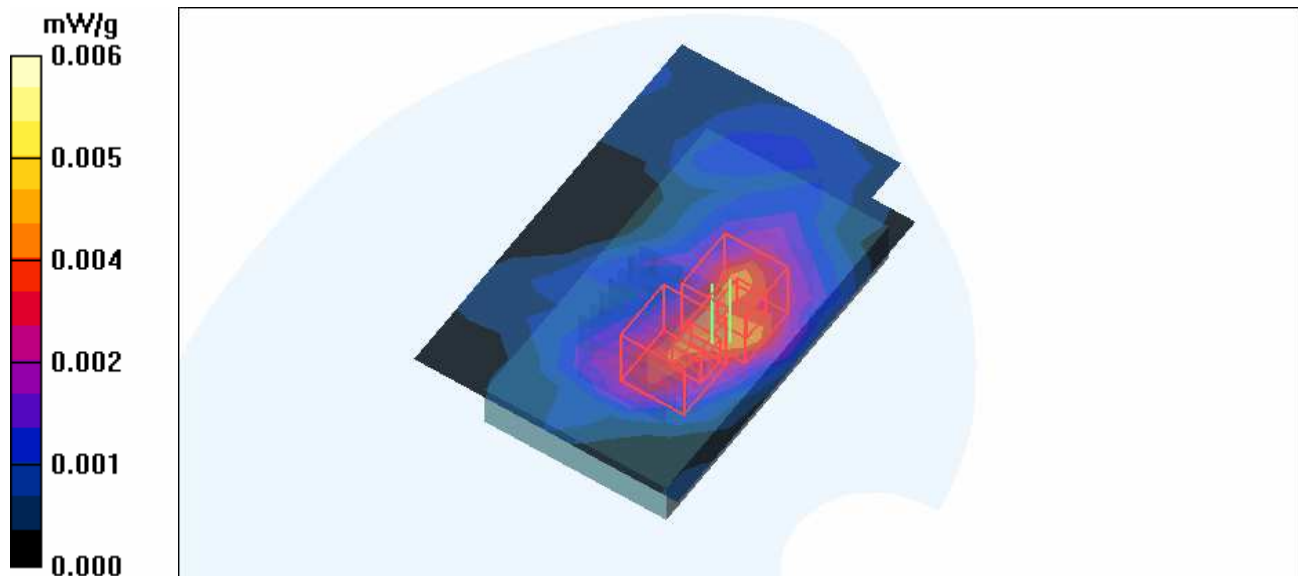
**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.686 V/m

Peak SAR (extrapolated) = 0.021 W/kg

**SAR(1 g) = 0.00506 mW/g; SAR(10 g) = 0.00172 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-Keypad Down-BT-Ch78-Mode 34

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
Medium: MSL2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm  
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)  
Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.004 mW/g

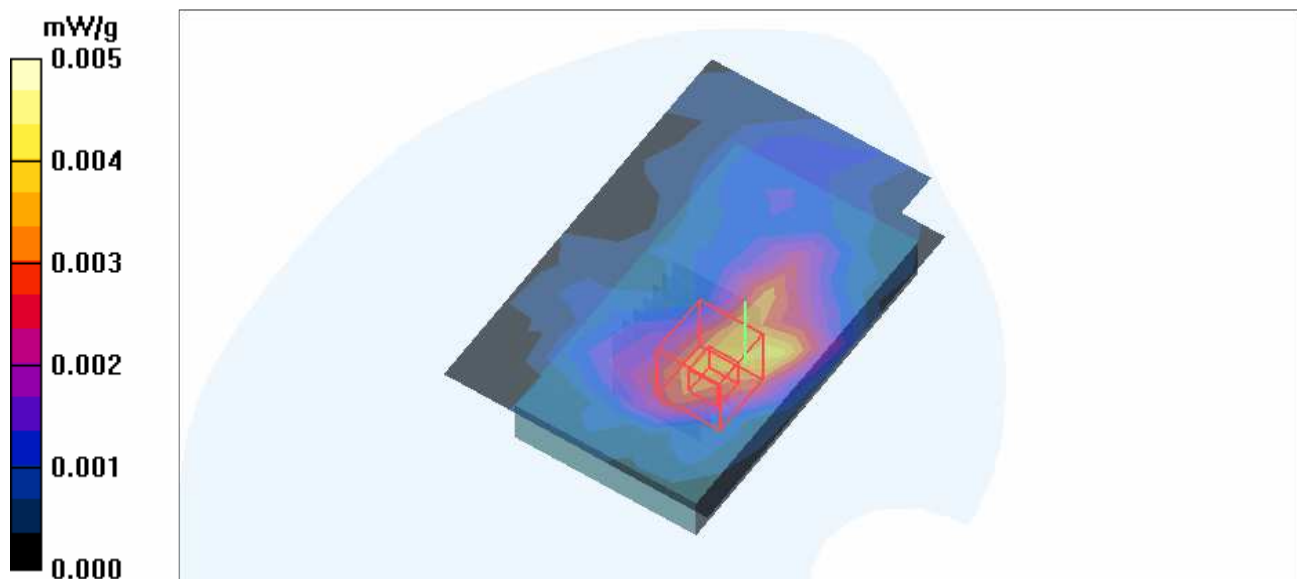
**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.700 V/m

Peak SAR (extrapolated) = 0.019 W/kg

**SAR(1 g) = 0.00438 mW/g; SAR(10 g) = 0.00133 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g





Test Laboratory: Advance Data Technology

## Body Worn-Keypad Up-BT-Ch39-Mode 35

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
Medium: MSL2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

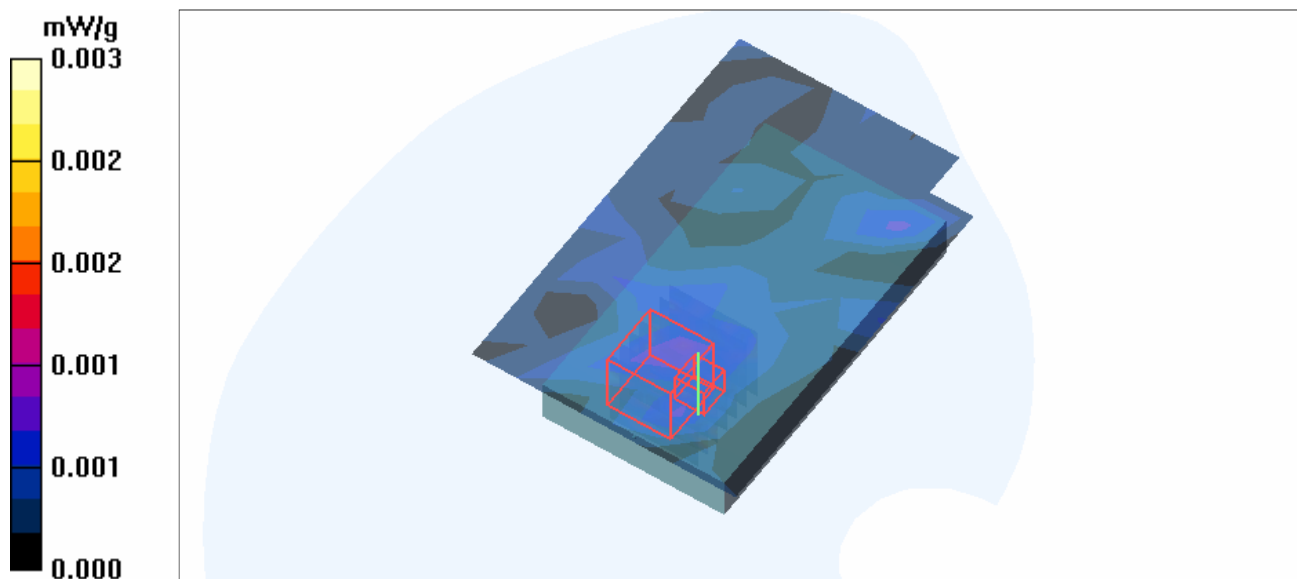
**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.396 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 4.57e-005 mW/g; SAR(10 g) = 1.52e-005 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g





Test Laboratory: Advance Data Technology

## Co-located-Right Head-CDMA850-Ch1013+11b-Ch6-Mode 36

**DUT: Pocket PC Phone ; Type: IRIS100 ; Test Frequency: 824.7 MHz Frequency: 2437 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 824.7 MHz Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 824.7$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 42.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.951 mW/g

**Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.7 V/m

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.557 mW/g**

Maximum value of SAR (measured) = 0.962 mW/g

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.122 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

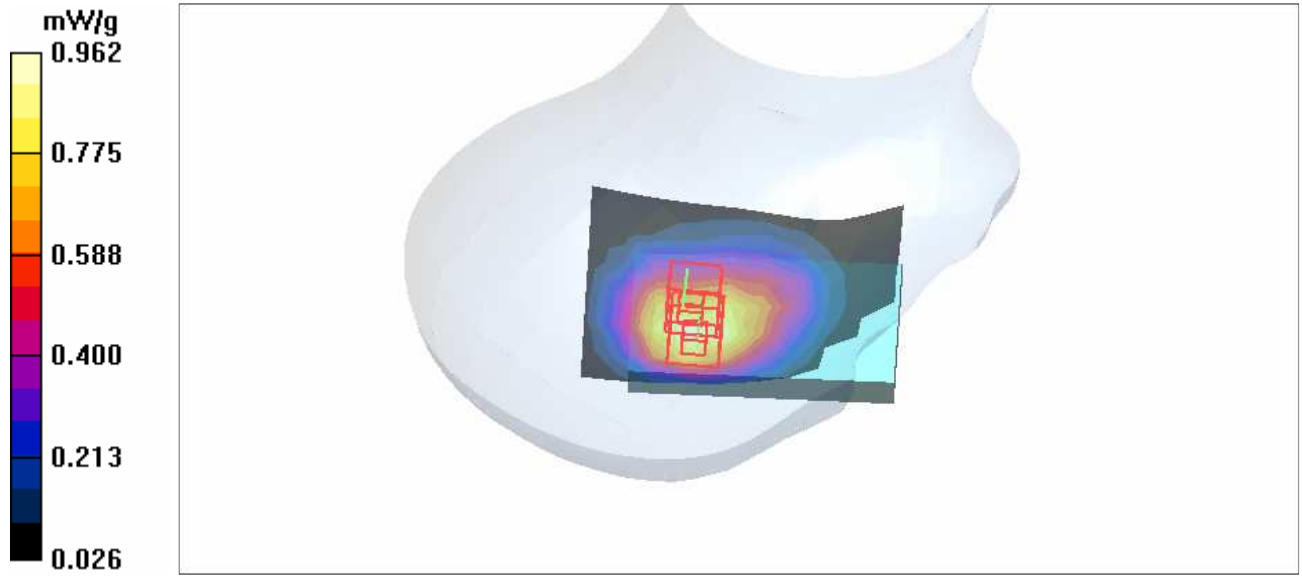
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.38 V/m

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.128 mW/g



Test Laboratory: Advance Data Technology

**Co-located-Body Worn-CDMA850-Ch1013+11b-Ch6-Mode 37****DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 824.7 MHz Frequency: 2437 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 824.7 MHz Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used:  $f = 824.7$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 56.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.410 mW/g

**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.426 mW/g

**Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.211 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.11 V/m

Peak SAR (extrapolated) = 0.649 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.132 mW/g**

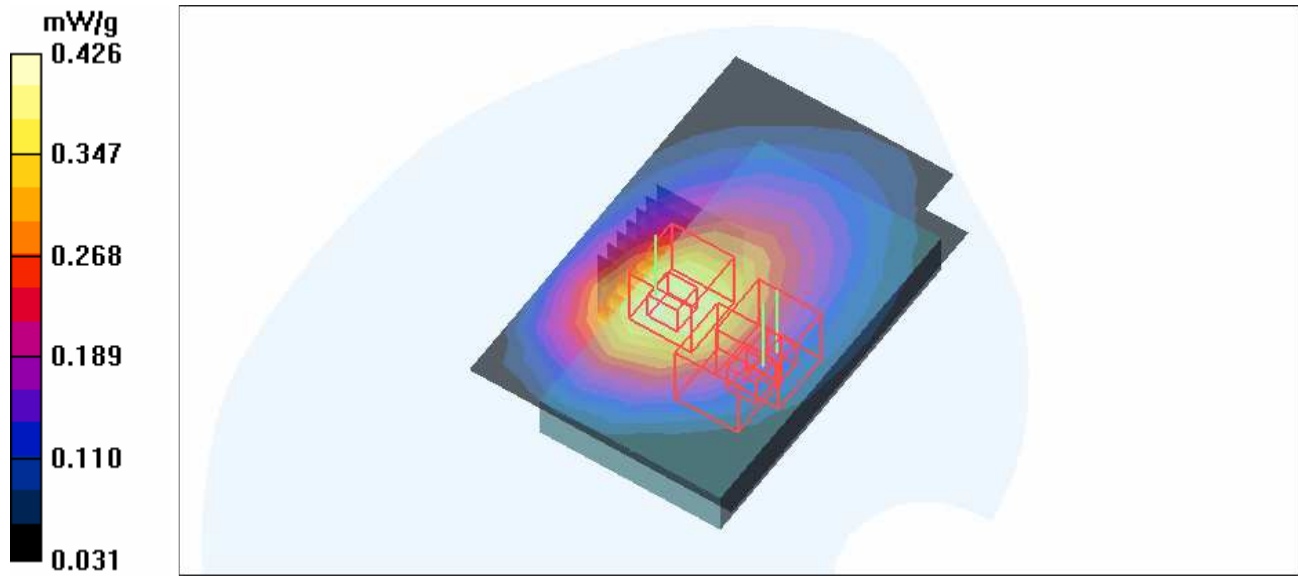
Maximum value of SAR (measured) = 0.301 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.11 V/m

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.119 mW/g**  
Maximum value of SAR (measured) = 0.297 mW/g



Test Laboratory: Advance Data Technology

### Co-located-Right Head-CDMA1900-Ch1175+11b-Ch6-Mode 38

**DUT: Pocket PC Phone ; Type: IRIS100 ; Test Frequency: 1908.75 MHz Frequency: 2437 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 1908.75 MHz Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium: HSL2450 Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 40.3$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

**Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.122 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

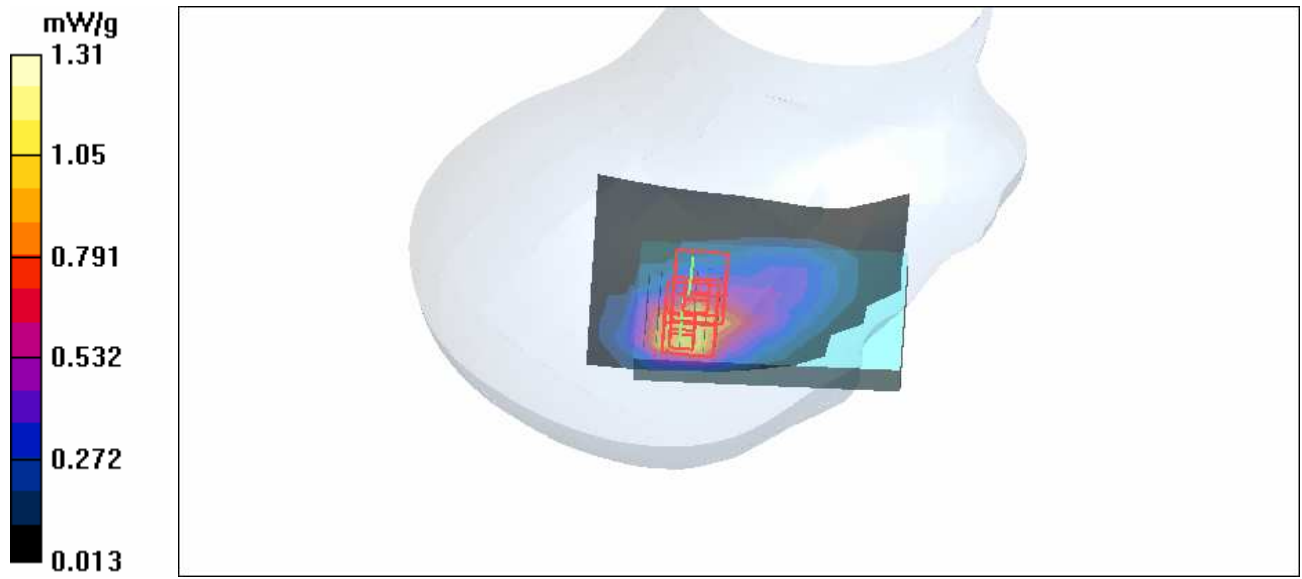
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.38 V/m

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.128 mW/g



Test Laboratory: Advance Data Technology

### Co-located-Body Worn-CDMA1900-Ch1175+11b-Ch6-Mode 39

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 1908.75 MHz Frequency: 2437 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 1908.75 MHz Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used :  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 54.2$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 53.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**High Channel 1175/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.480 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.02 V/m

Peak SAR (extrapolated) = 0.814 W/kg

**SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 0.546 mW/g

**Mid Channel 6/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.211 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.11 V/m

Peak SAR (extrapolated) = 0.649 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.301 mW/g

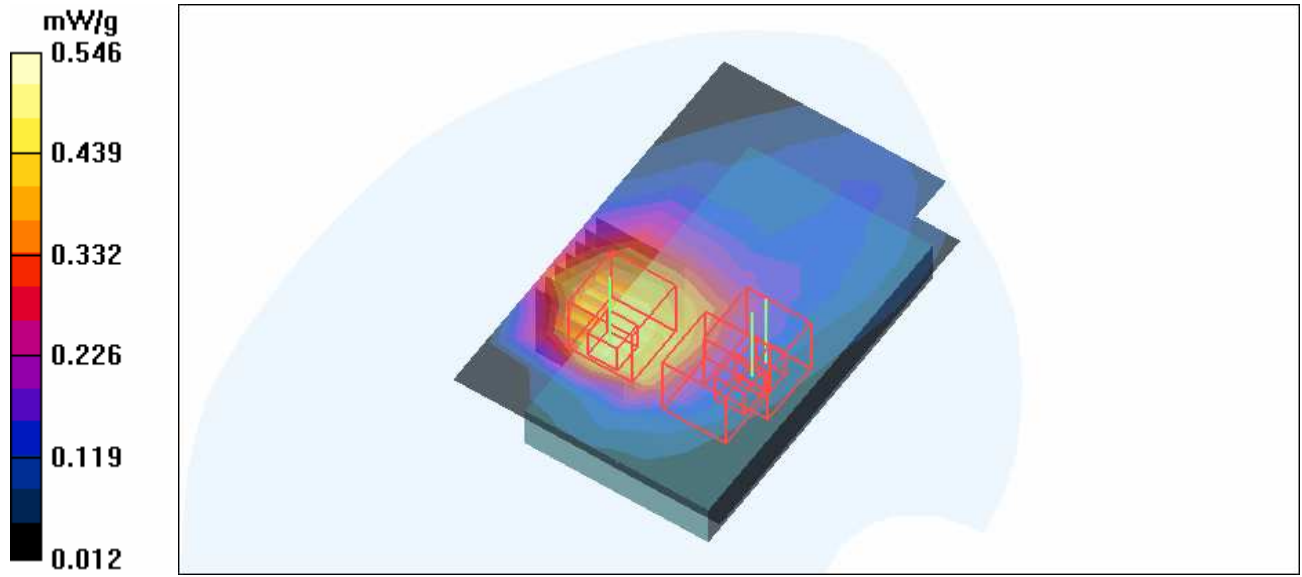
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.11 V/m

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.297 mW/g





Test Laboratory: Advance Data Technology

## Co-located-Right Head-CDMA850-Ch1013+BT-Ch39-Mode 40

**DUT: Pocket PC Phone ; Type: IRIS100 ; Test Frequency: 824.7 MHz Frequency: 2441 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 824.7 MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used:  $f = 824.7 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 42.3$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.951 mW/g

**Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.7 V/m

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.557 mW/g**

Maximum value of SAR (measured) = 0.962 mW/g

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

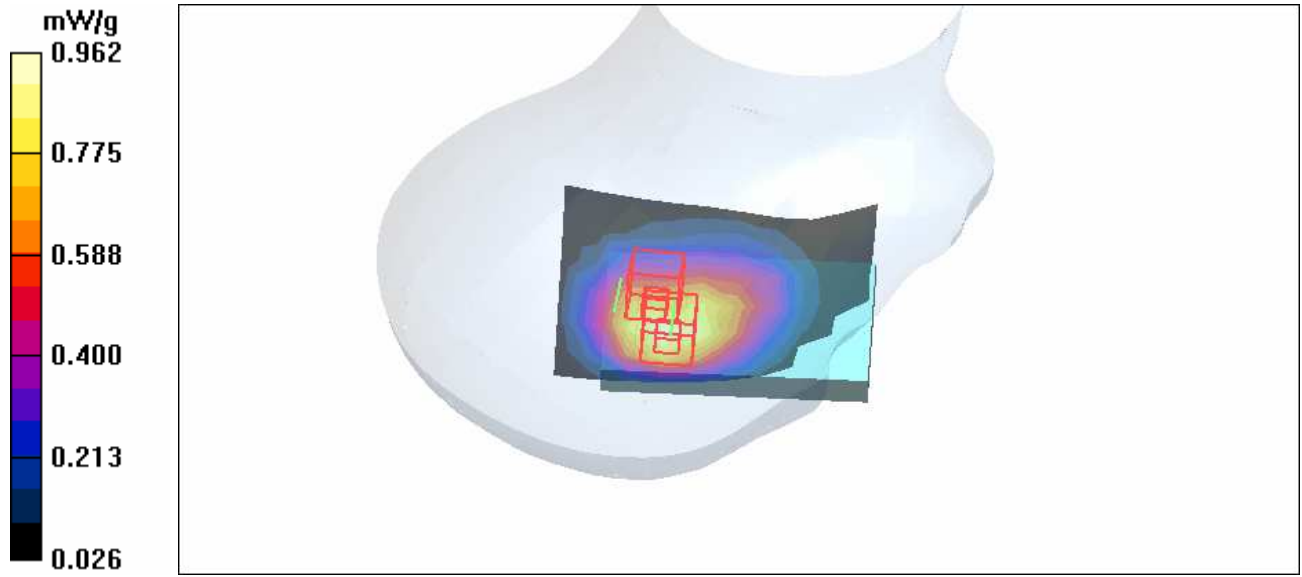
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.789 V/m

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00281 mW/g; SAR(10 g) = 0.000972 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



Date/Time: 2007/5/11 14:49:51

Test Laboratory: Advance Data Technology

### Co-located-Body Worn-CDMA850-Ch1013+BT-Ch39-Mode 41

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 824.7 MHz Frequency: 2441 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 824.7 MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used:  $f = 824.7 \text{ MHz}$ ;  $\sigma = 0.99 \text{ mho/m}$ ;  $\epsilon_r = 56.5$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.98 \text{ mho/m}$ ;  $\epsilon_r = 53.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.410 mW/g

**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.426 mW/g

**Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.004 mW/g

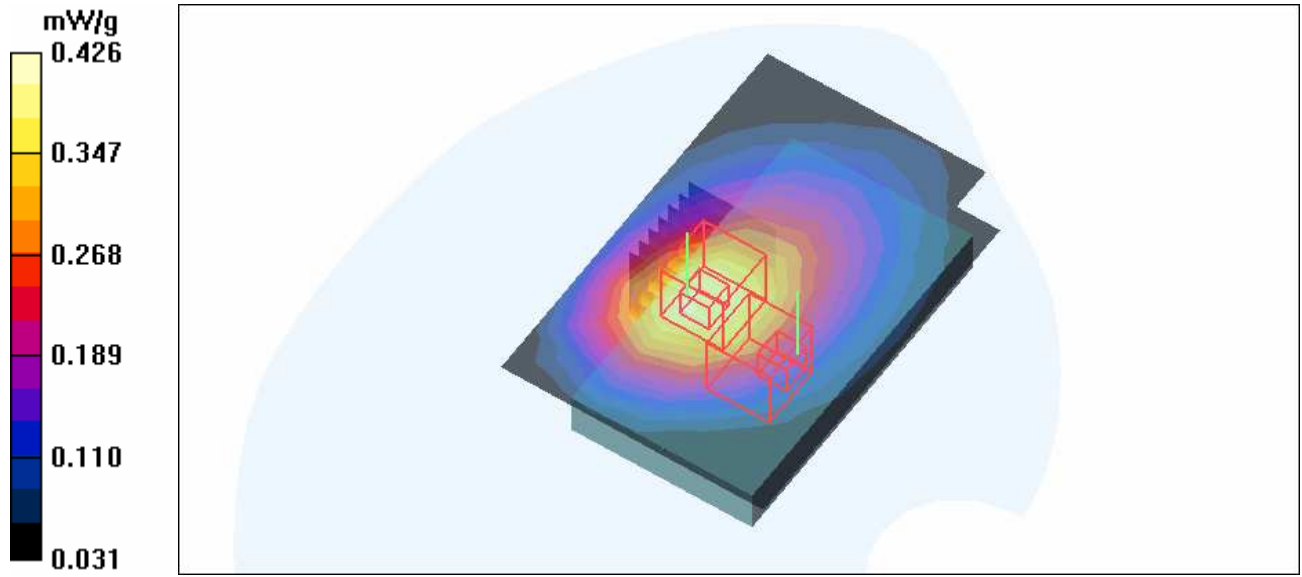
**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.686 V/m

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.00582 mW/g; SAR(10 g) = 0.00175 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



Test Laboratory: Advance Data Technology

### **Co-located-Right Head-CDMA1900-Ch1175+BT-Ch39-Mode 42**

**DUT: Pocket PC Phone ; Type: IRIS100 ; Test Frequency: 1908.75 MHz Frequency: 2441 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium: HSL2450 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

**Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

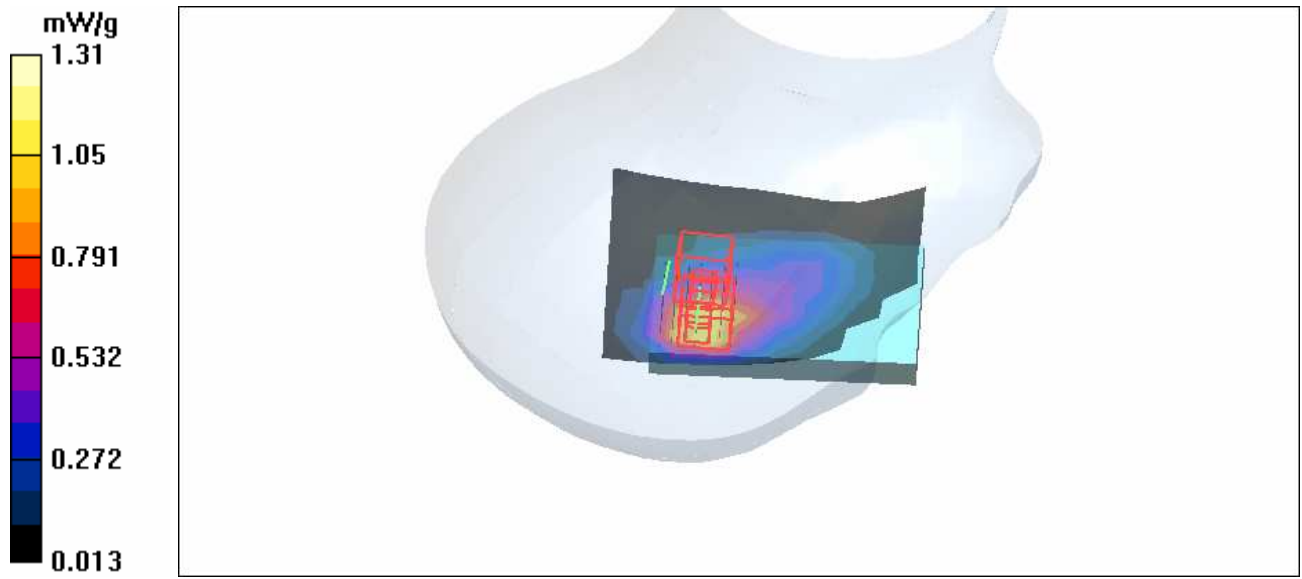
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.789 V/m

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00281 mW/g; SAR(10 g) = 0.000972 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



Test Laboratory: Advance Data Technology

### Co-located-Body Worn-CDMA1900-Ch1175+BT-Ch39-Mode 43

**DUT: Smart Phone ; Type: IRIS100 ; Test Frequency: 1908.75 MHz Frequency: 2441 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.480 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.02 V/m

Peak SAR (extrapolated) = 0.814 W/kg

**SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 0.546 mW/g

**Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.004 mW/g

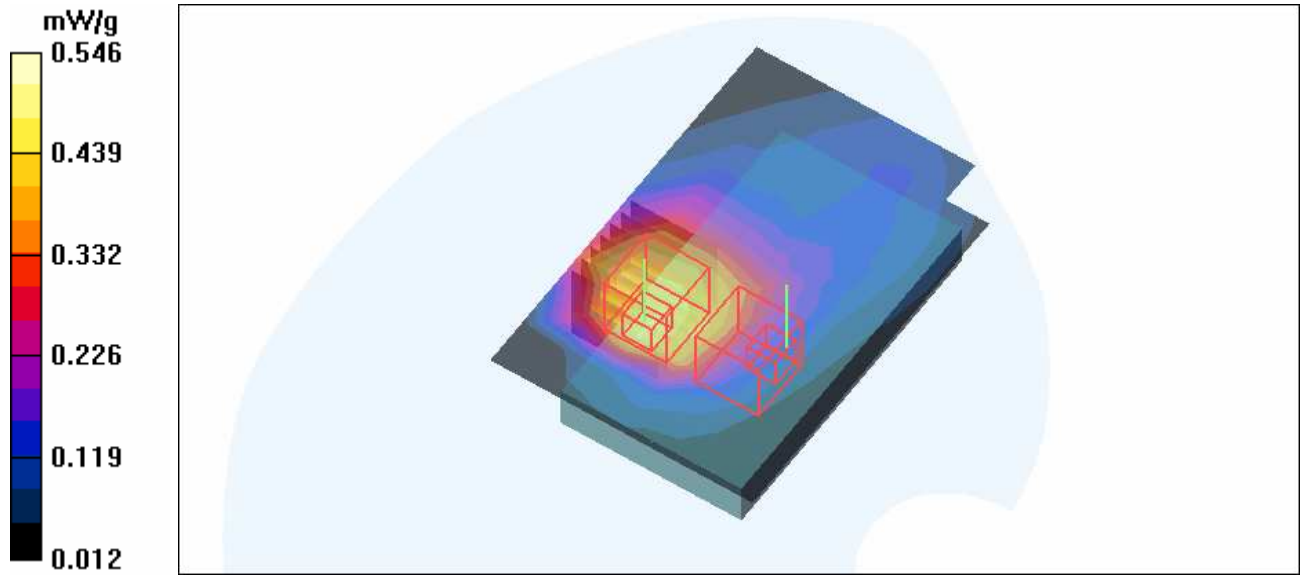
**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.686 V/m

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.00582 mW/g; SAR(10 g) = 0.00175 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g





Test Laboratory: Advance Data Technology

## System Validation Check-HSL 835MHz

**DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz**

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL835;Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 42.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level : 155 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)  
 Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 2.10 mW/g

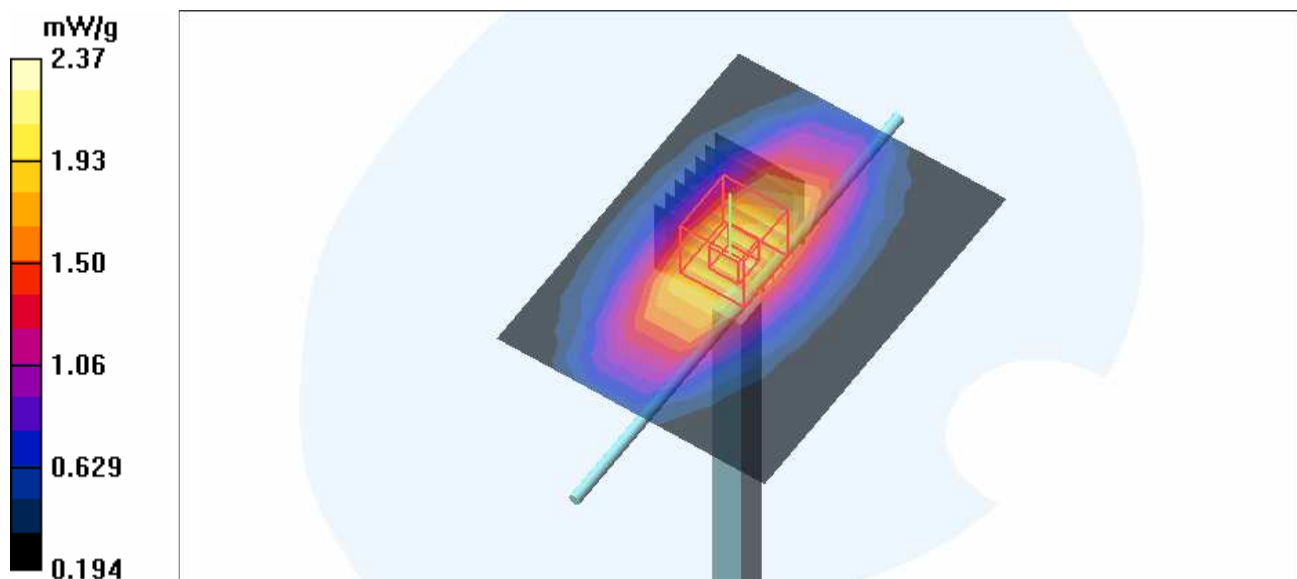
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.5 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 3.32 W/kg

**SAR(1 g) = 2.19 mW/g; SAR(10 g) = 1.41 mW/g**

Maximum value of SAR (measured) = 2.37 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-MSL 835MHz

**DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz**

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL835; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 56.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level : 152 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)  
 Air temp. : 22.6 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 2.23 mW/g

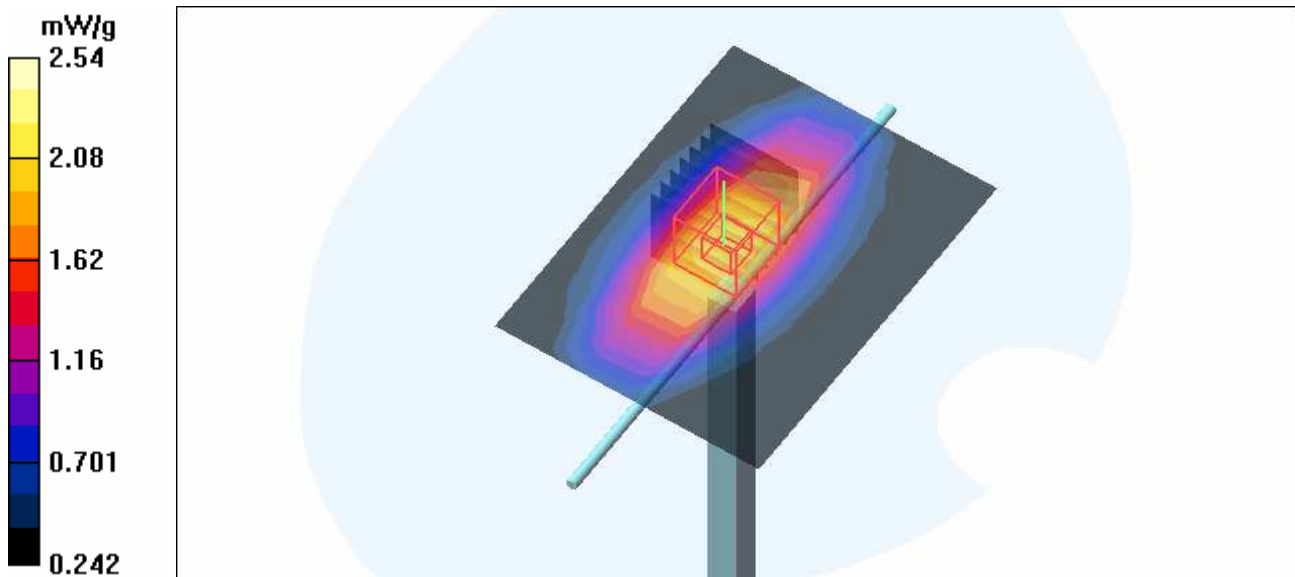
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.4 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 3.04 W/kg

**SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.52 mW/g**

Maximum value of SAR (measured) = 2.54 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-HSL 1900MHz

**DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d022 ; Test Frequency: 1900 MHz**

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL1900;Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 151 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 10.2 mW/g

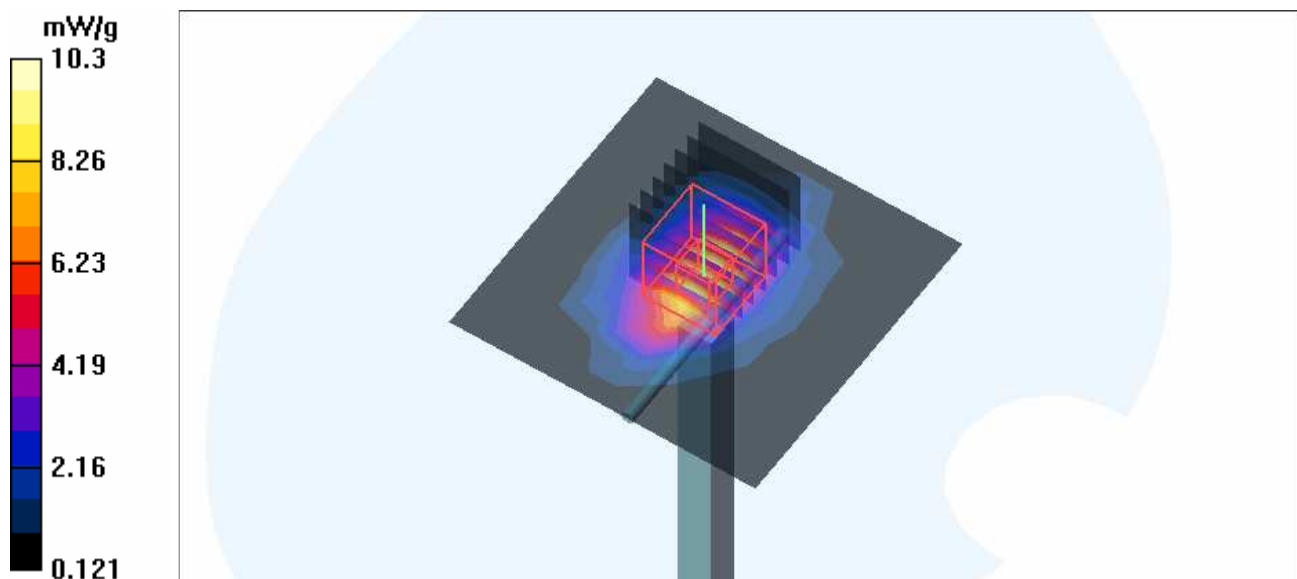
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 16.5 W/kg

**SAR(1 g) = 9.1 mW/g; SAR(10 g) = 4.79 mW/g**

Maximum value of SAR (measured) = 10.3 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-MSL 1900MHz

**DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d022 ; Test Frequency: 1900 MHz**

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 152 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 9.98 mW/g

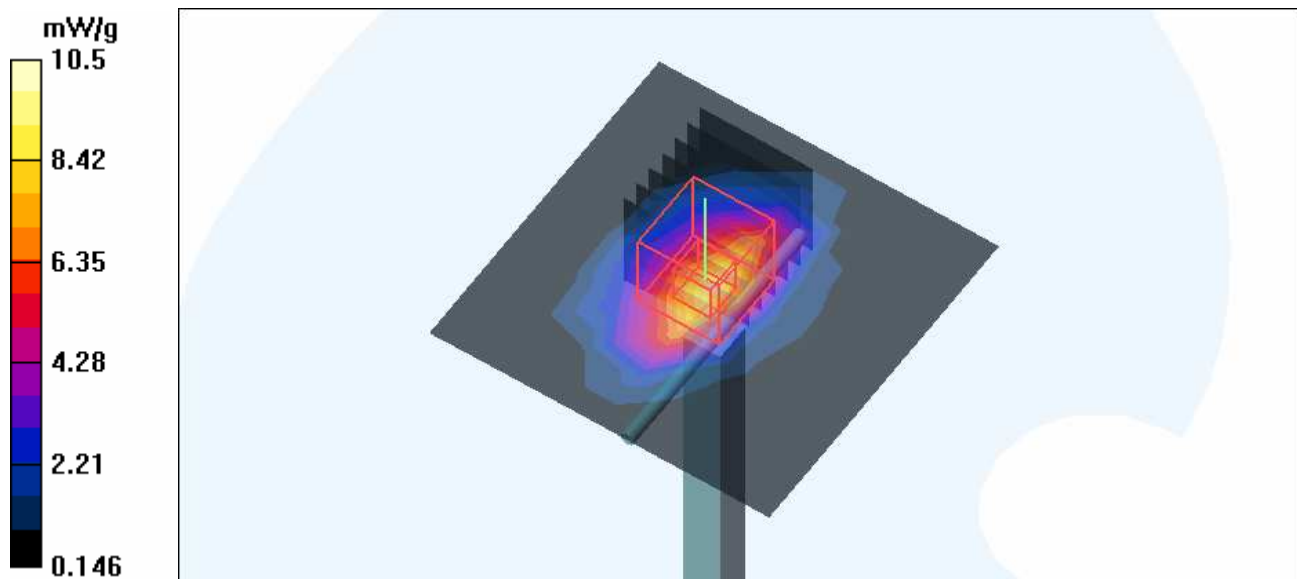
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.0 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 16.2 W/kg

**SAR(1 g) = 9.23 mW/g; SAR(10 g) = 4.87 mW/g**

Maximum value of SAR (measured) = 10.5 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-HSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL2450;Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.4 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 15.1 mW/g

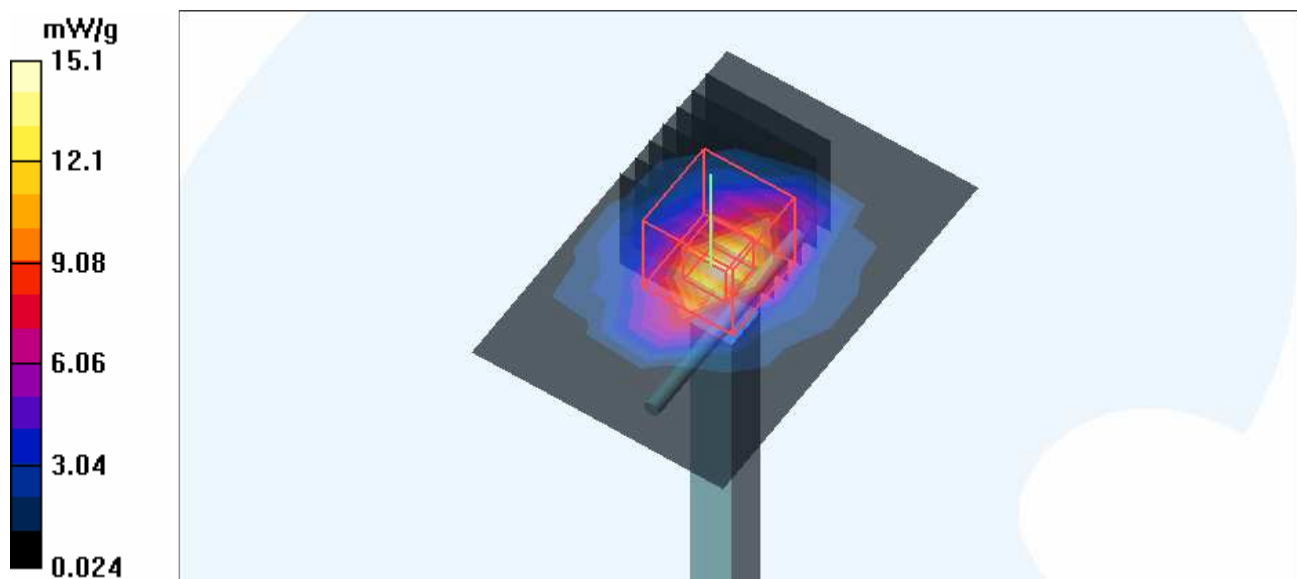
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.8 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 31.0 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.25 mW/g**

Maximum value of SAR (measured) = 15.0 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-HSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL2450; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 155 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)  
 Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

### DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 14.8 mW/g

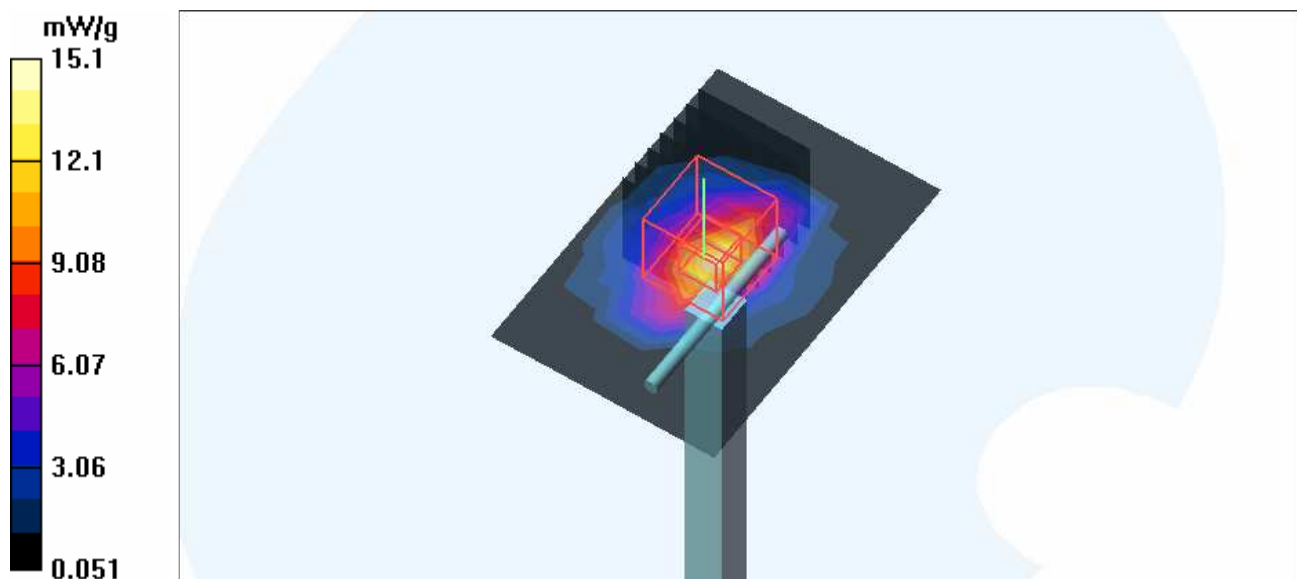
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.0 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 31.3 W/kg

**SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.31 mW/g**

Maximum value of SAR (measured) = 15.1 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-MSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL2450;Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 151 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 23.3 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 13.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.6 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 31.5 W/kg

**SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.07 mW/g**

Maximum value of SAR (measured) = 14.6 mW/g

