

Test Laboratory: Advance Data Technology

Body Worn-BT-Ch0-Keypad Up-Mode 15

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2402 MHz

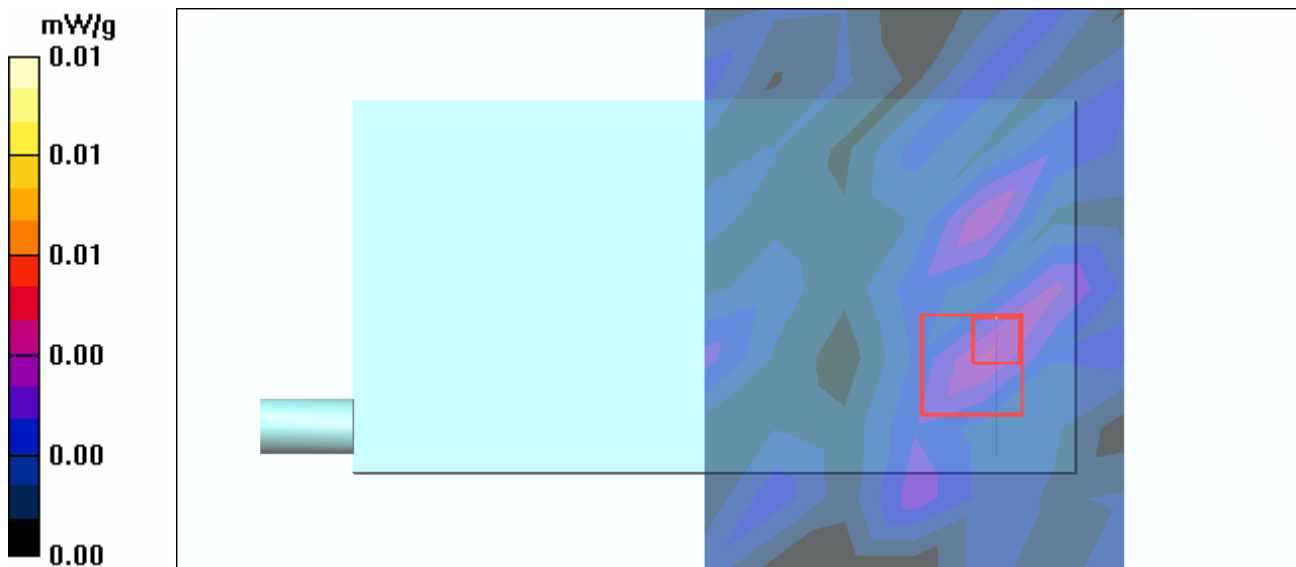
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 152mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BT
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 0/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.00 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) = 0.010 W/kg
SAR(1 g) = 5.66e-005 mW/g; SAR(10 g) = 9.96e-006 mW/g
 Maximum value of SAR (measured) = 0.010 mW/g



Test Laboratory: Advance Data Technology

Body Worn-BT-Ch39-Keypad Up-Mode 15

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2441 MHz

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³ ; Liquid Level : 152mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BT
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 39/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.516 V/m

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.000109 mW/g; SAR(10 g) = 2.25e-005 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



Test Laboratory: Advance Data Technology

Body Worn-BT-Ch78-Keypad Up-Mode 15

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³ ; Liquid Level : 152mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BT
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 78/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.00 mW/g

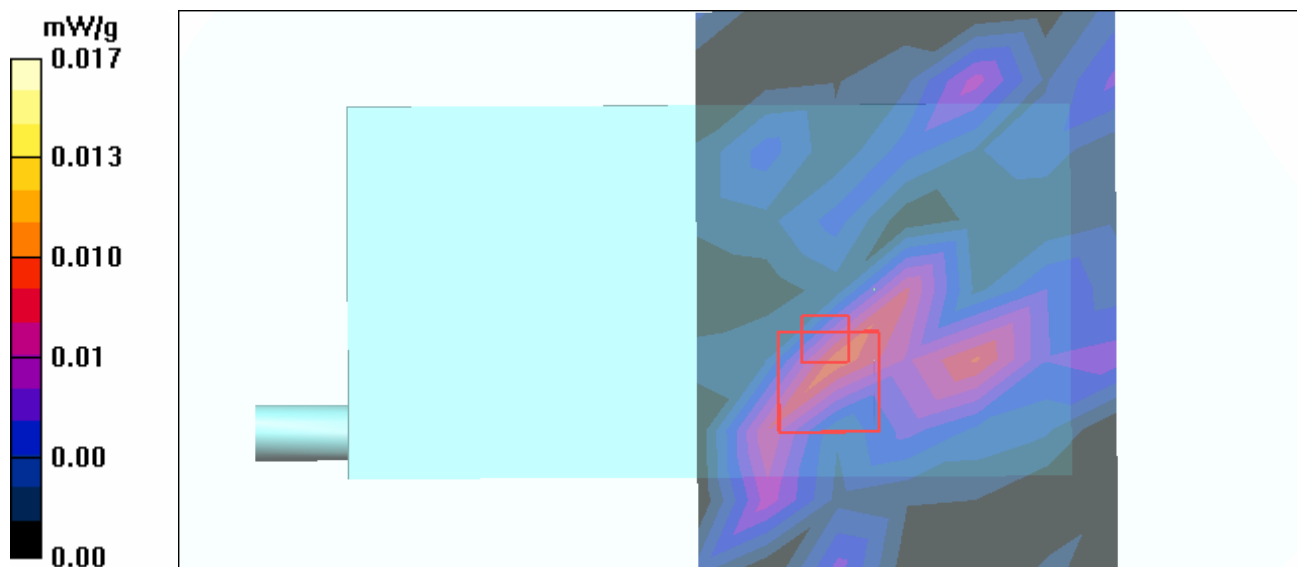
High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.688 V/m

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.000171 mW/g; SAR(10 g) = 3.98e-005 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch36-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.62$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Low Channel 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.21 mW/g

Touch Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.50 V/m

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch48-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.7$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.55 mW/g

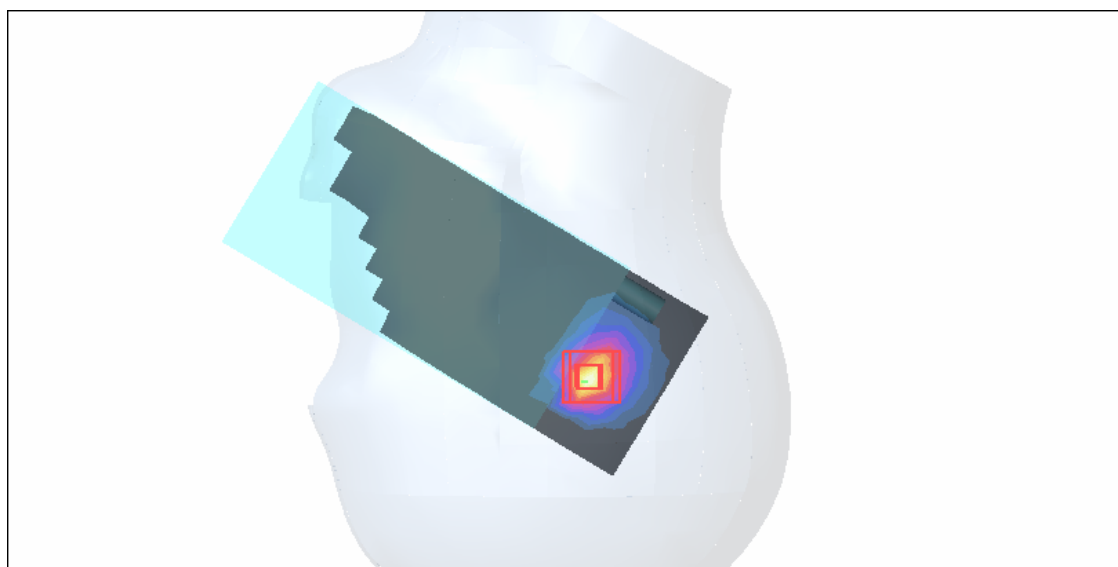
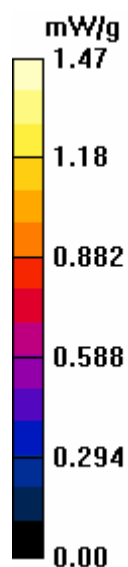
Touch Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.77 V/m

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch52-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.72$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.41 mW/g

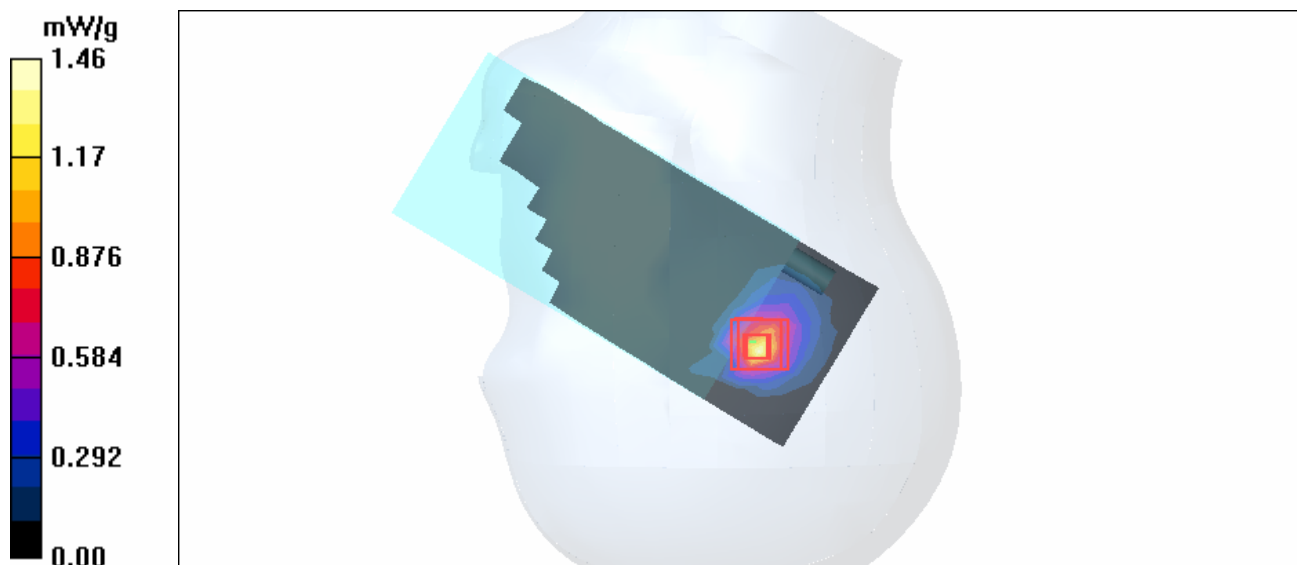
Touch Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.73 V/m

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 1.46 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch64-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

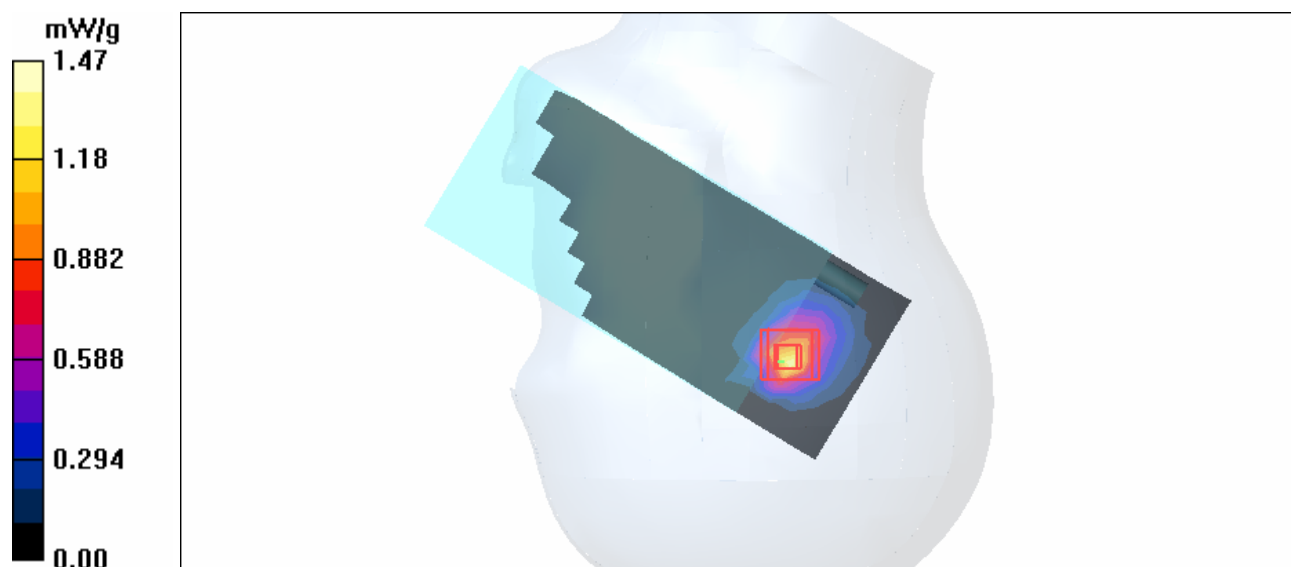
Touch Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch149-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 36$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.420 mW/g

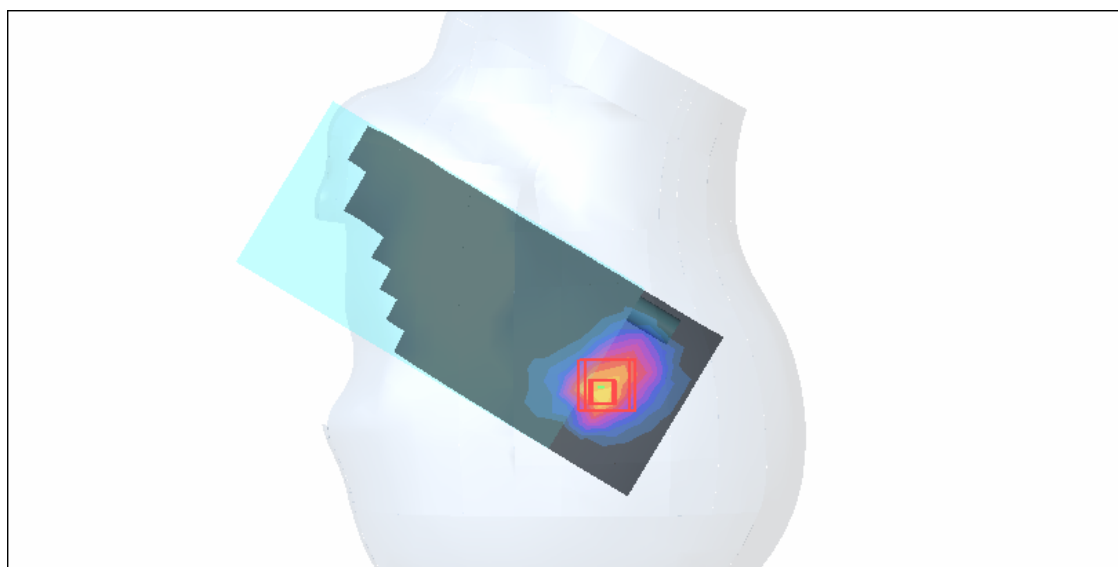
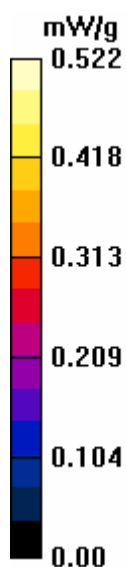
Touch Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.22 V/m

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch157-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.525 mW/g

Touch Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid:

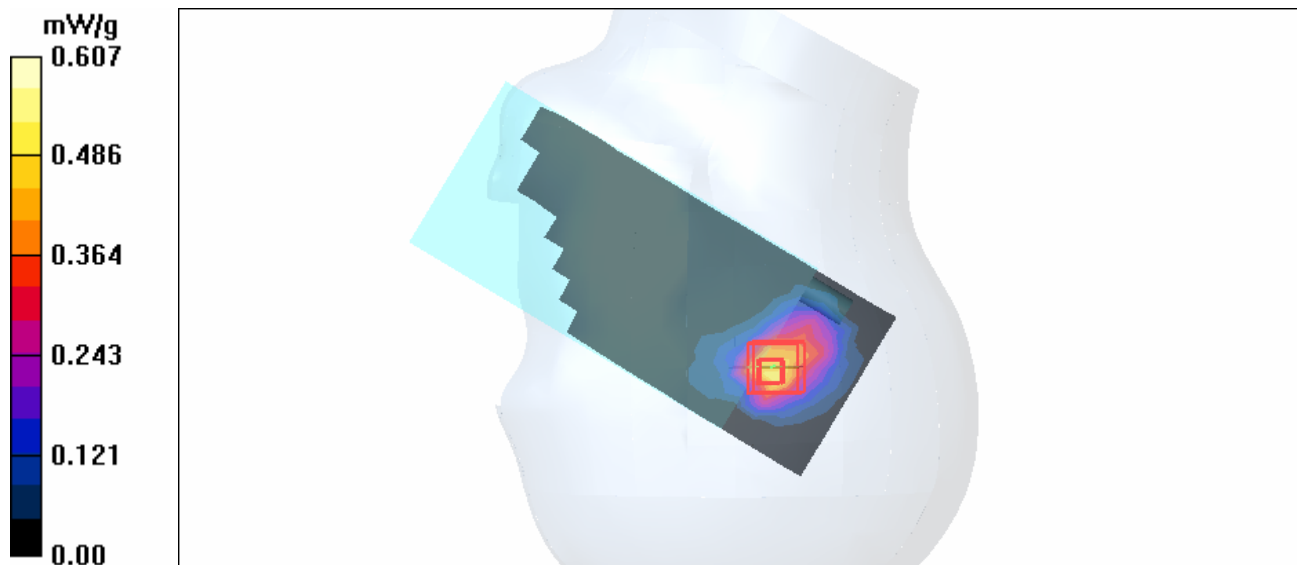
dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.19 V/m

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.607 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch165-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - High Channel 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.745 mW/g

Touch Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid:

dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.08 V/m

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch36-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.62$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ ;
Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Low Channel 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.38 mW/g

Tilt Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.5 V/m

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 1.40 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch48-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.7$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.52 mW/g

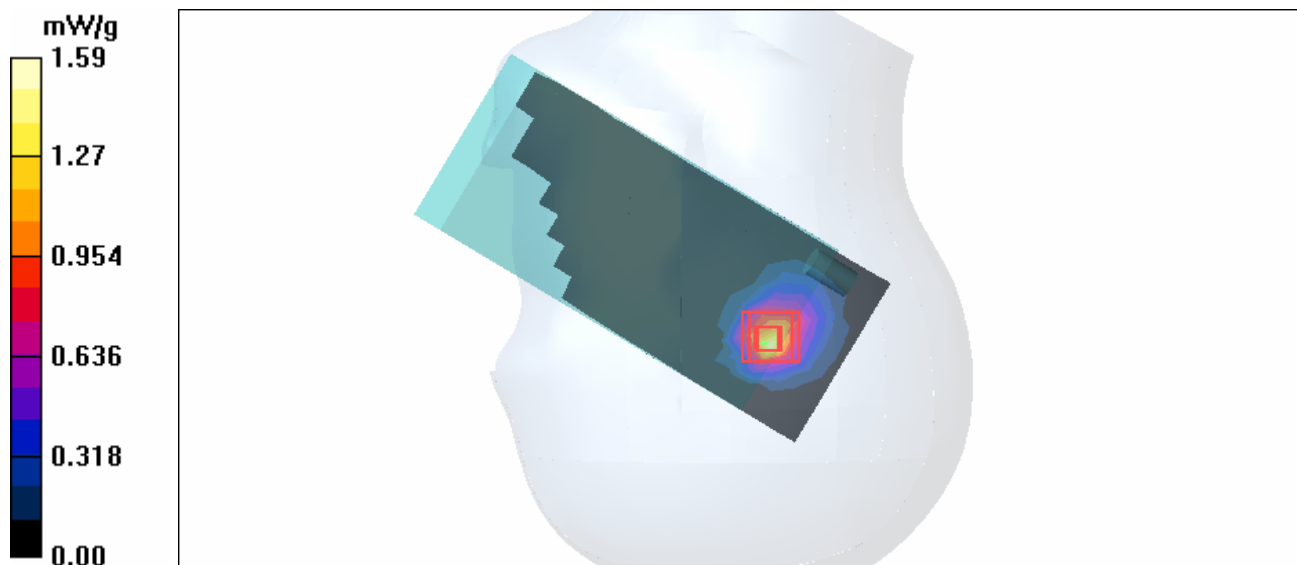
Tilt Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 1.59 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch52-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.72$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.58 mW/g

Tilt Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

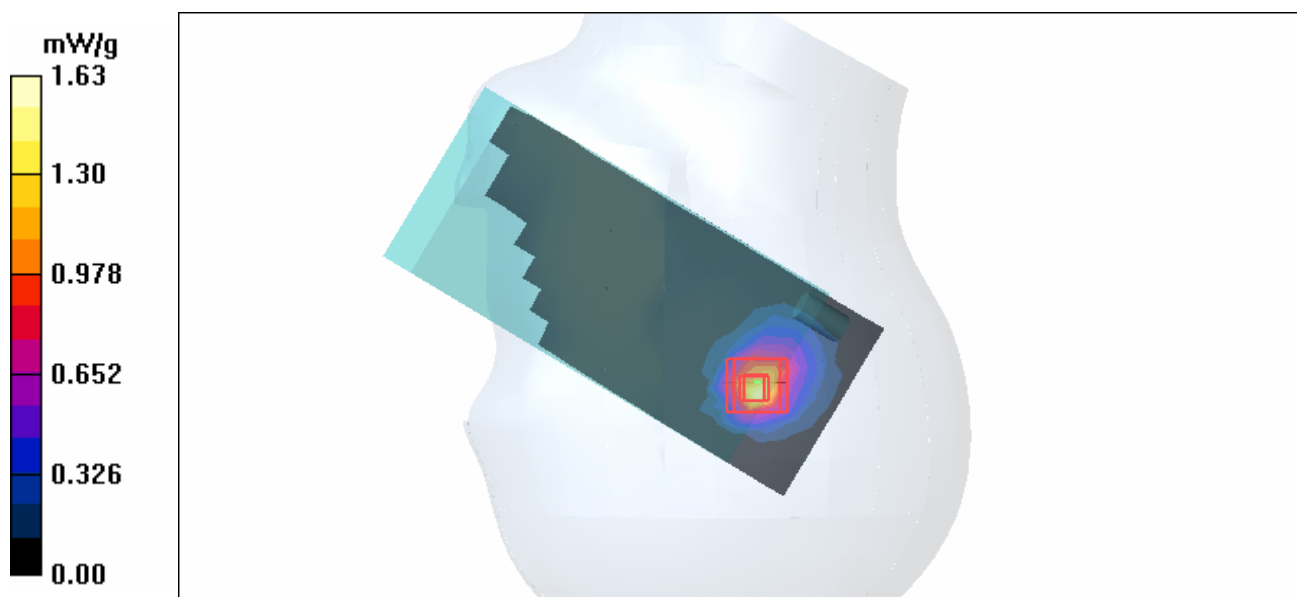
dy=4.3mm, dz=3mm

Reference Value = 11.6 V/m

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 1.63 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch64-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.79 \text{ mho/m}$; $\epsilon_r = 36.8$; $\rho = 1000 \text{ kg/m}^3$;
Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.54 mW/g

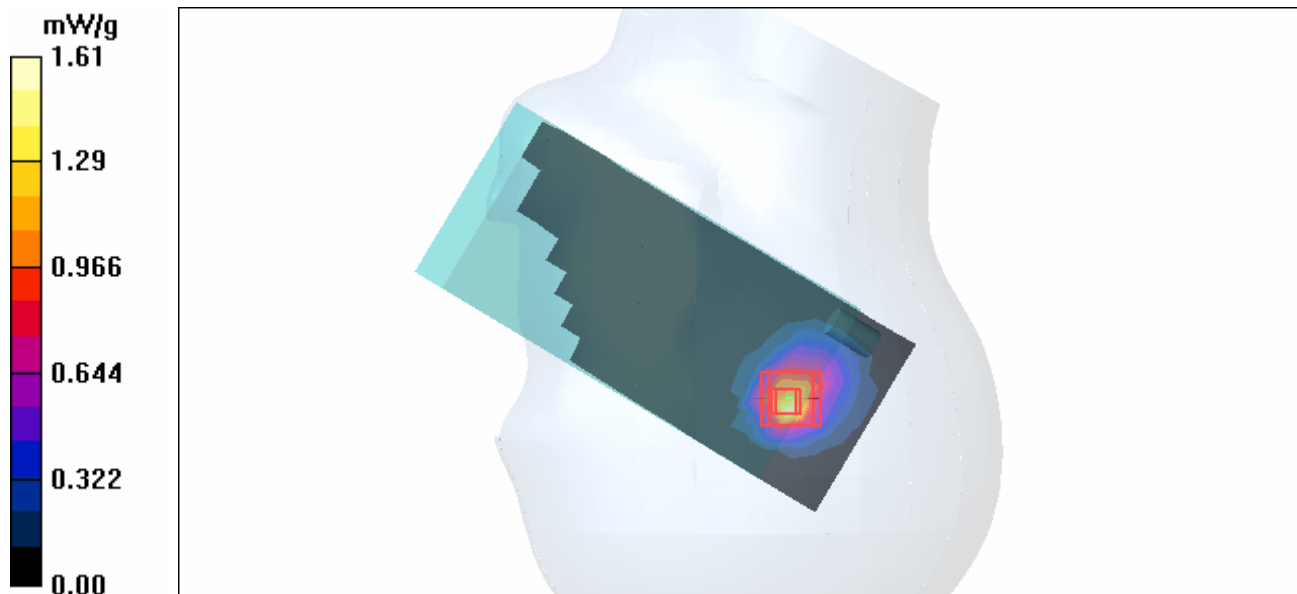
Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$,
 $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 11.7 V/m

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch149-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 36$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.484 mW/g

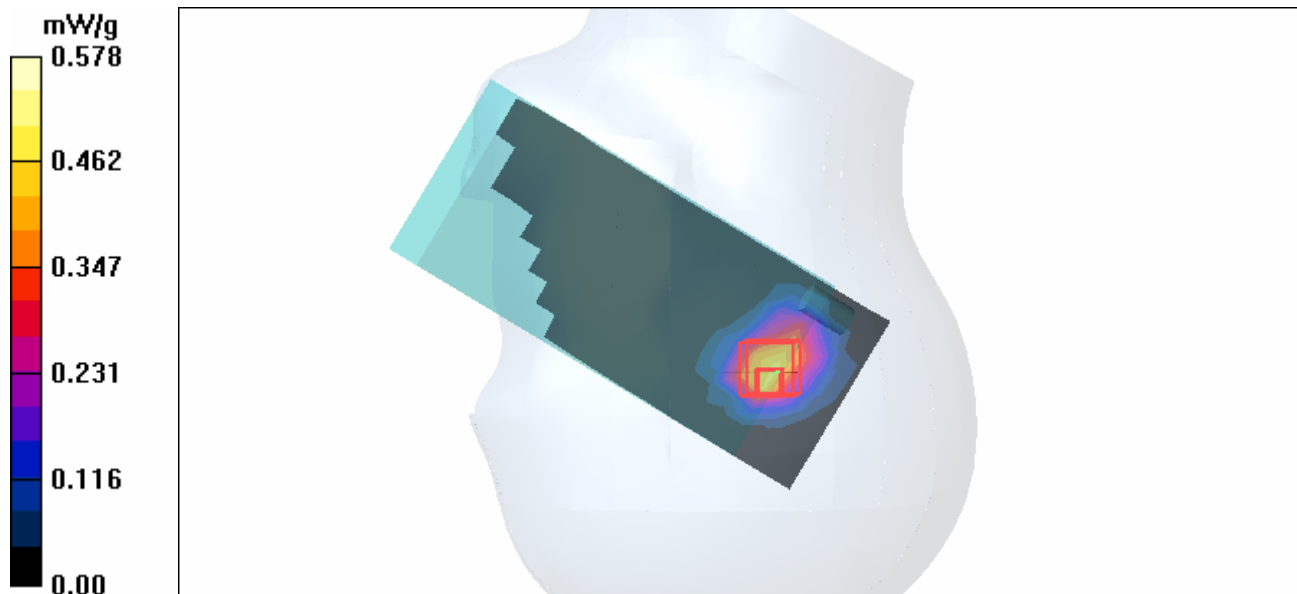
Tilt Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.11 V/m

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch157-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;
Liquid level: 150mm

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

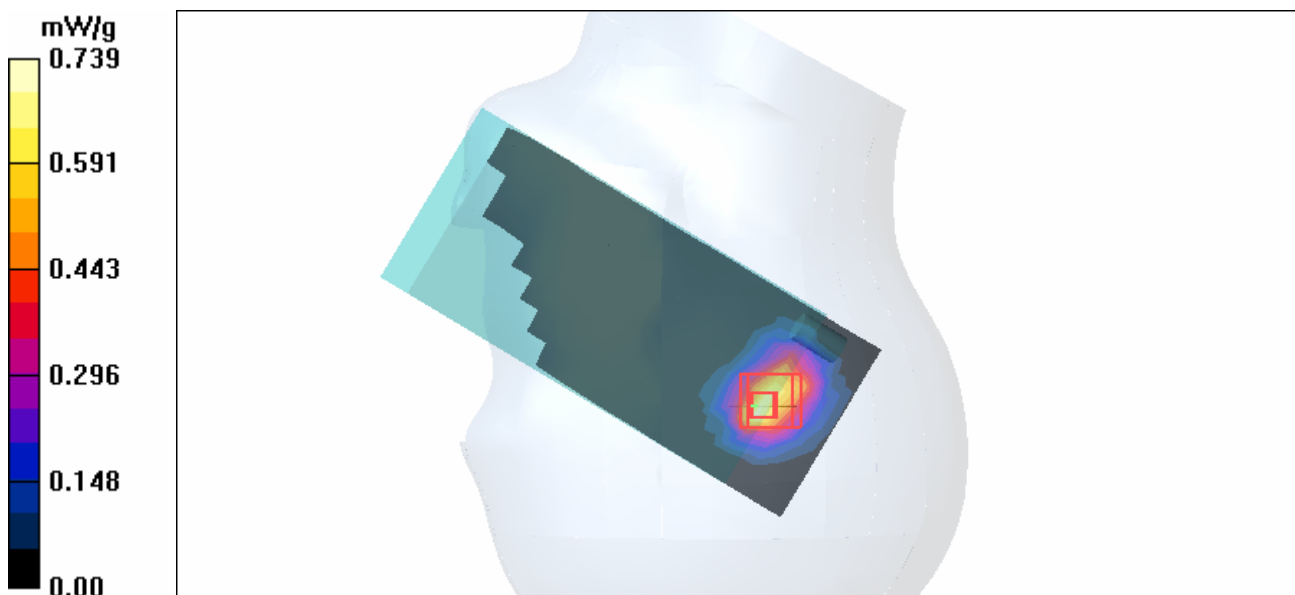
Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.716 mW/g

Tilt Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 6.61 V/m
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.739 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch165-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;
Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - High Channel 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.836 mW/g

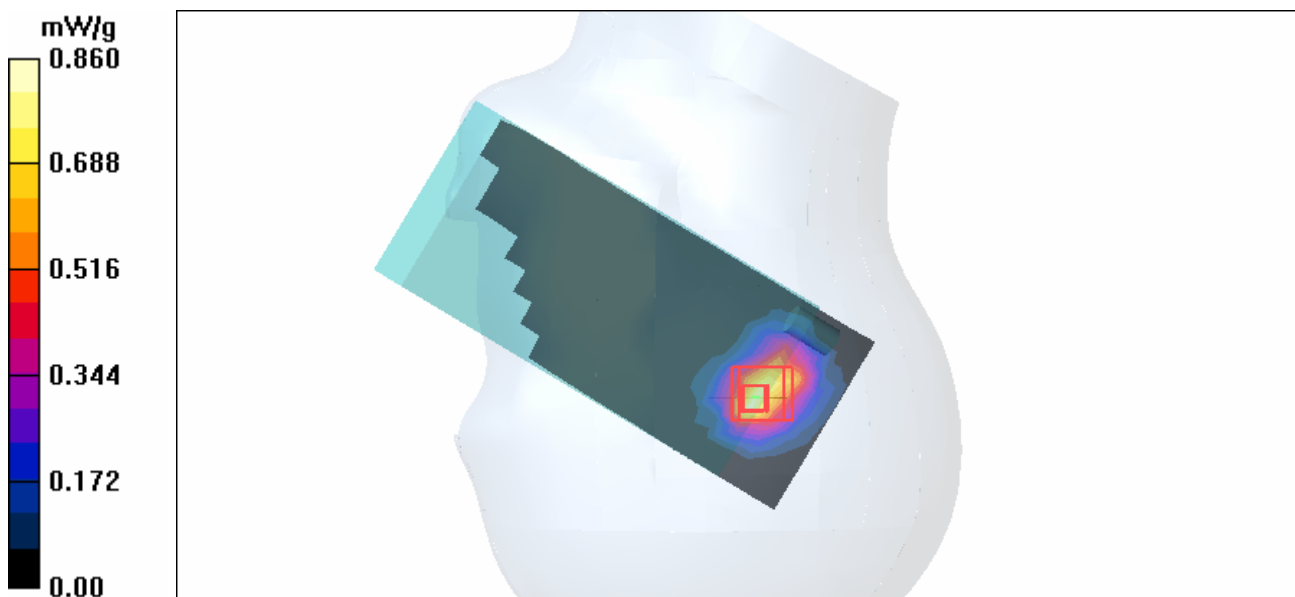
Tilt Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.25 V/m

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.860 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch36-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.62$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Low Channel 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 mW/g

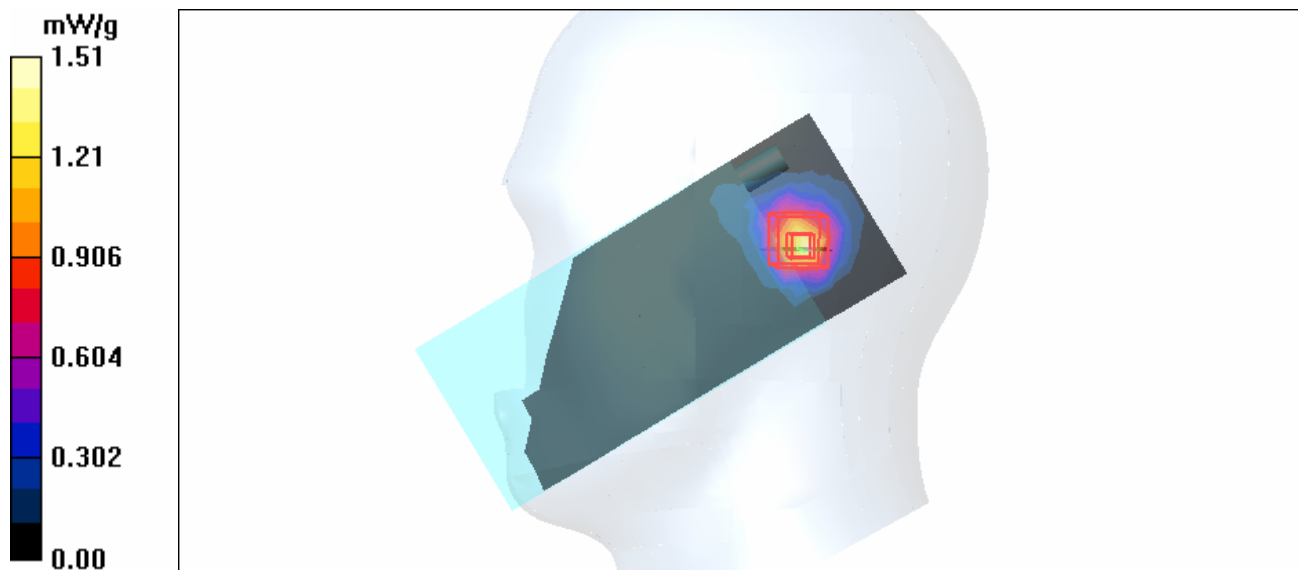
Touch Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.1 V/m

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch48-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.7$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.48 mW/g

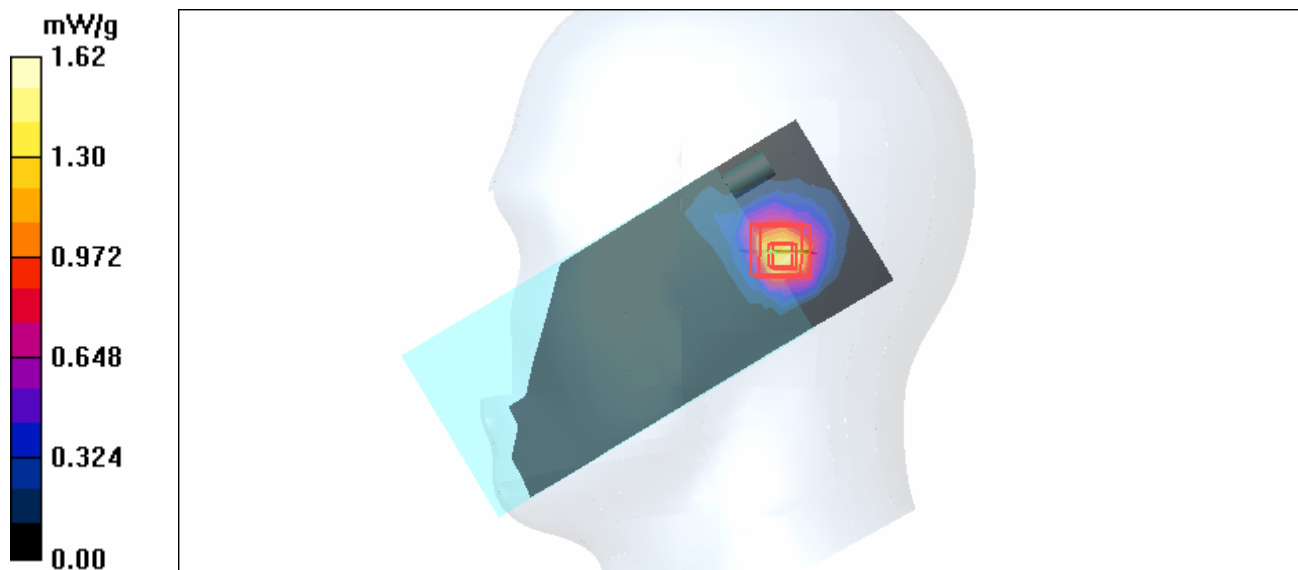
Touch Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 13.7 V/m

Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 1.62 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch52-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.72$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 mW/g

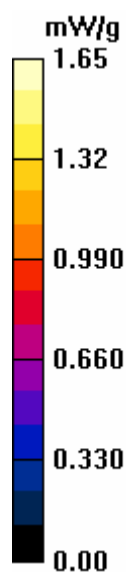
Touch Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch64-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.52 mW/g

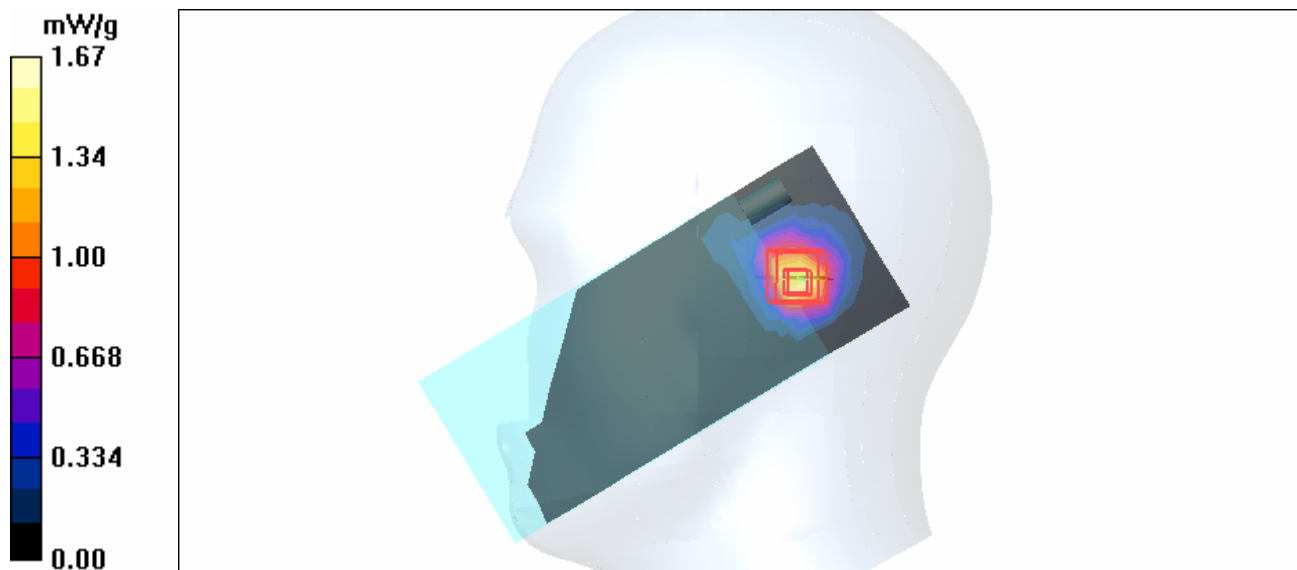
Touch Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.1 V/m

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 1.67 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch149-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.29 \text{ mho/m}$; $\epsilon_r = 36$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 149/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.567 mW/g

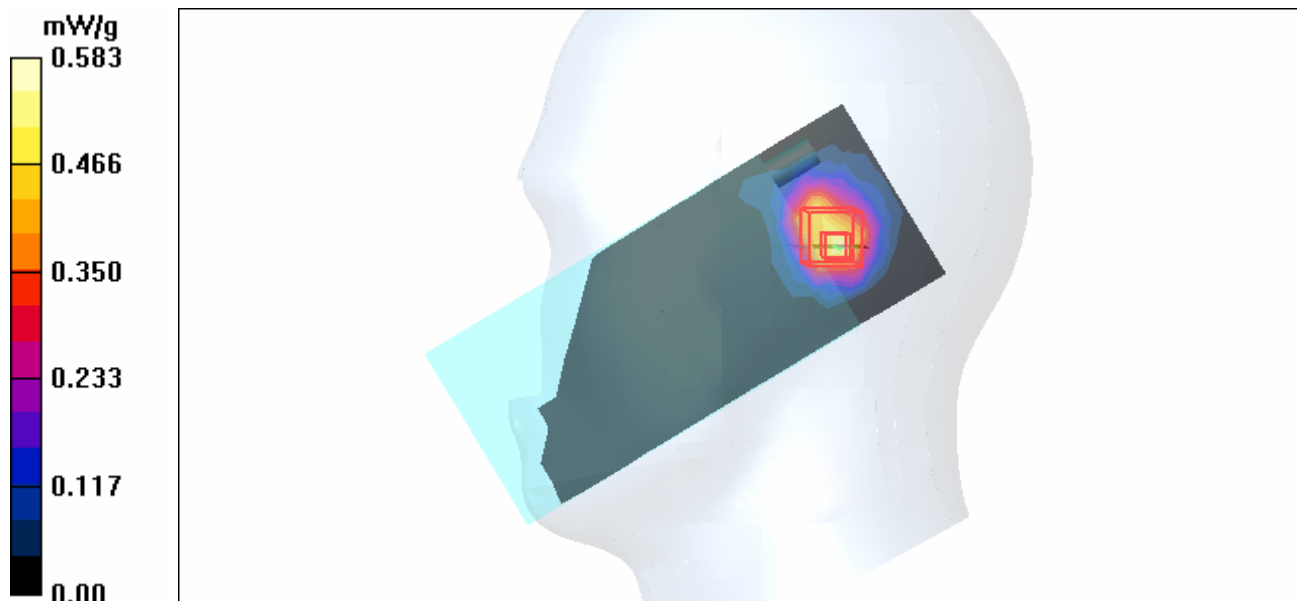
Touch Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 7.11 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch157-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - Mid Channel 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.753 mW/g

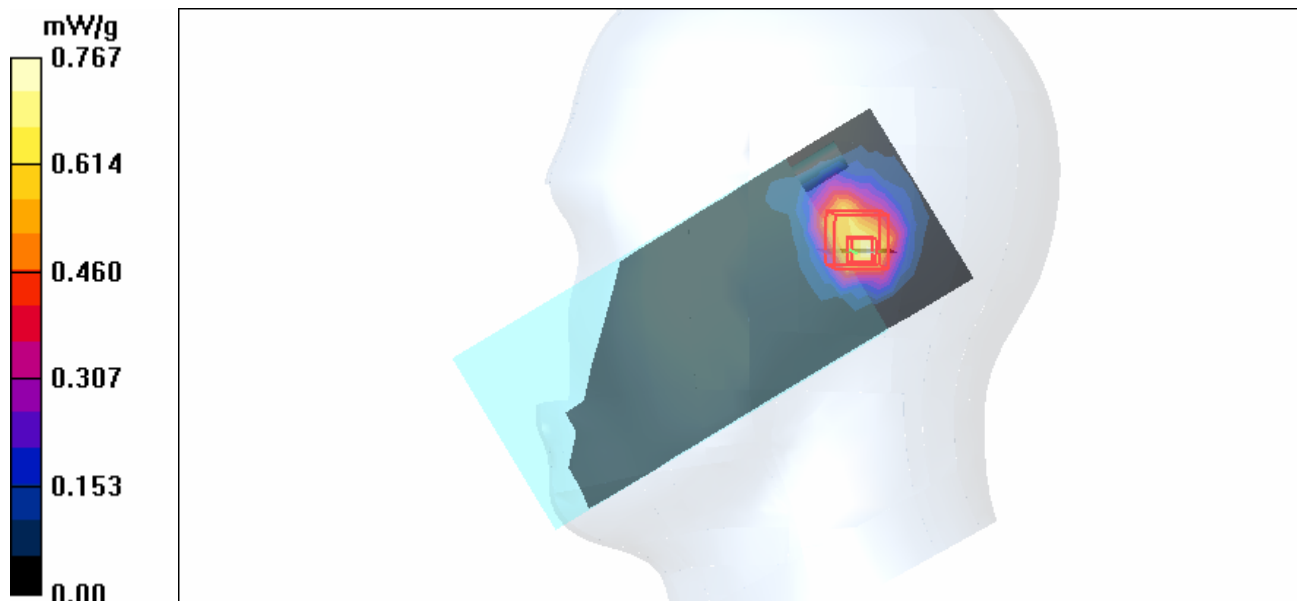
Touch Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.25 V/m

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.767 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch165-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch Position - High Channel 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.809 mW/g

Touch Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid:

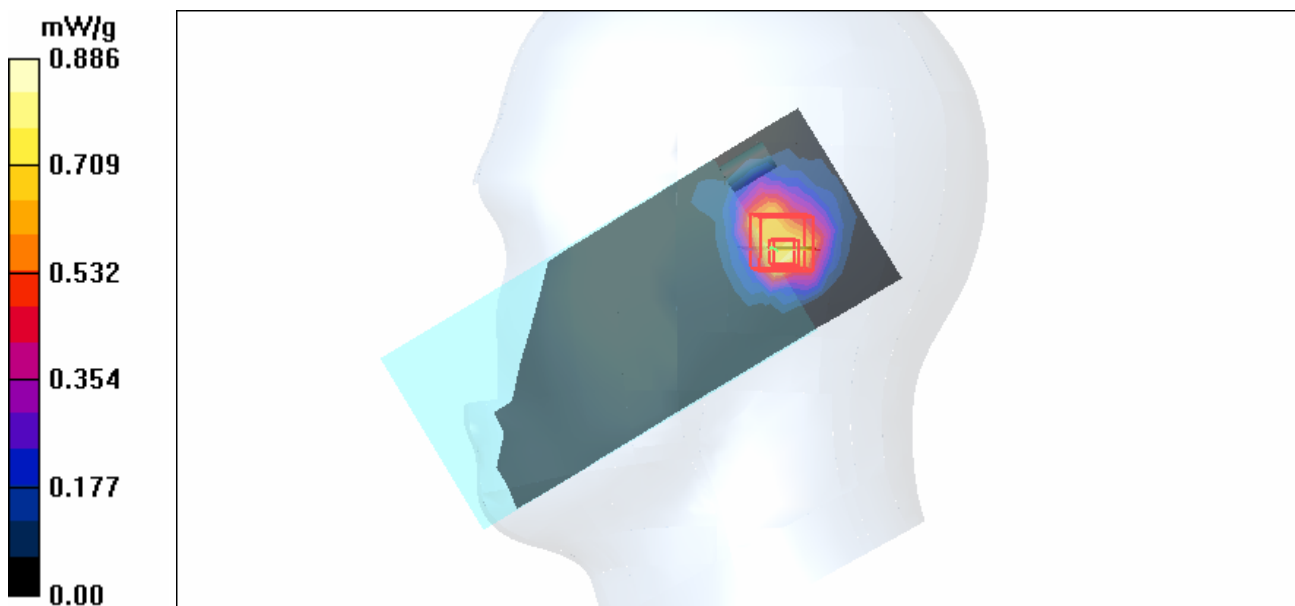
dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.32 V/m

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch36-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.62$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Low Channel 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.42 mW/g

Tilt Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

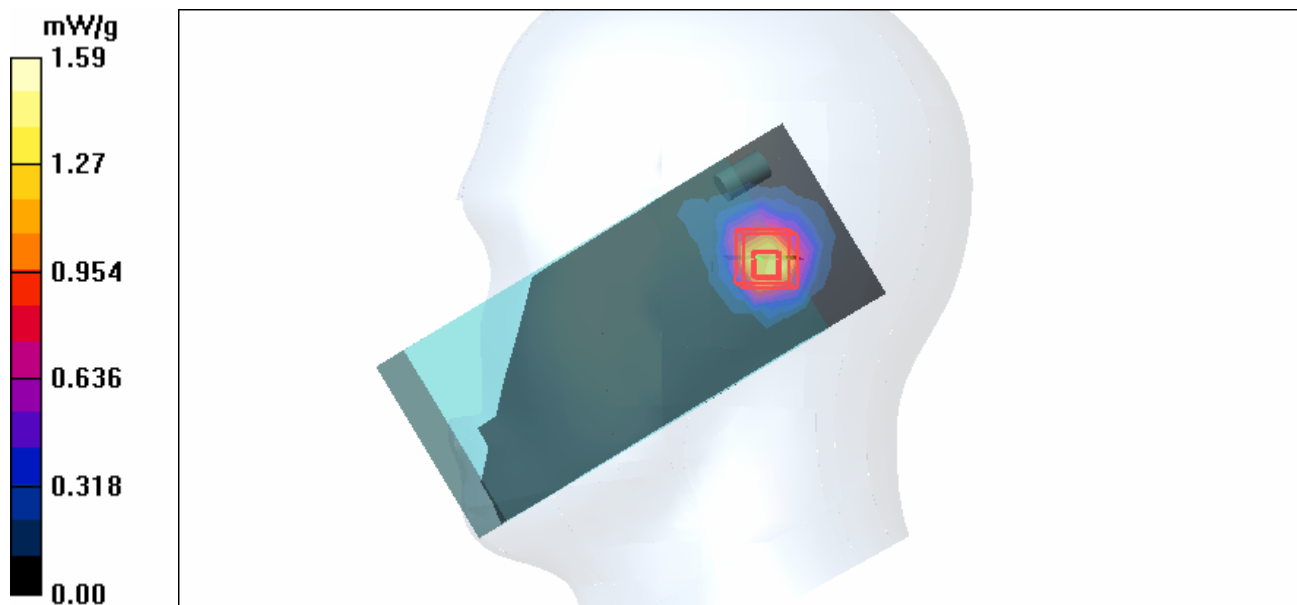
dy=4.3mm, dz=3mm

Reference Value = 13.8 V/m

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 1.59 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch48-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.7$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.57 mW/g

Tilt Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

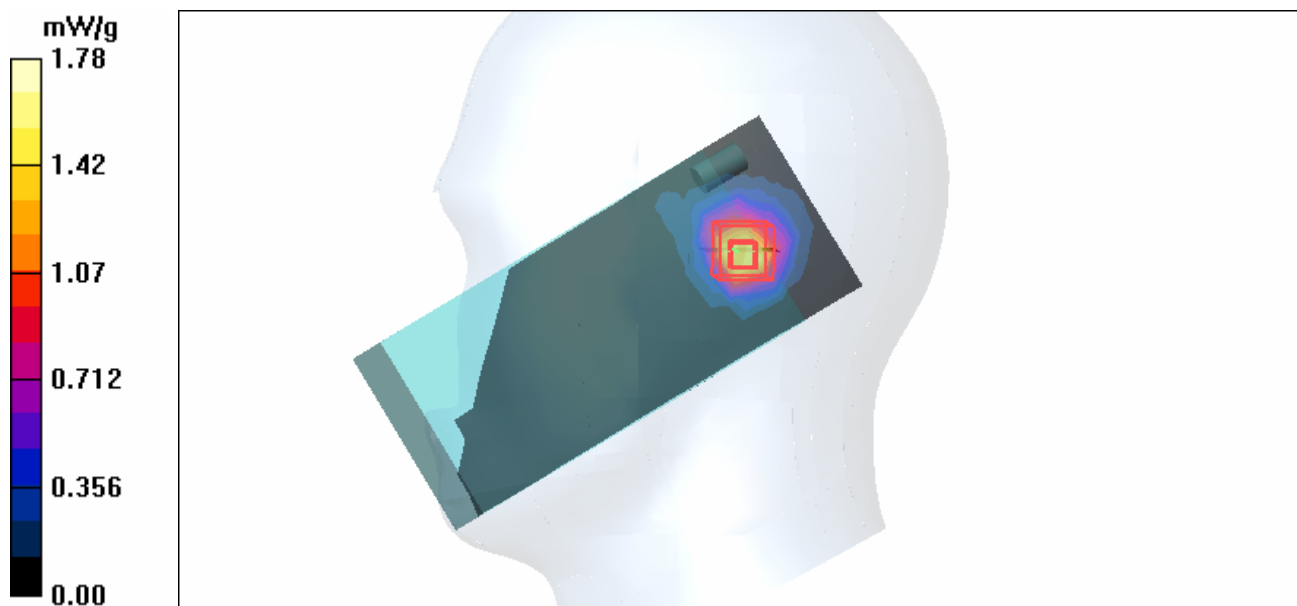
dy=4.3mm, dz=3mm

Reference Value = 14.5 V/m

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 1.78 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch52-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.72$ mho/m; $\epsilon_r = 37$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.55 mW/g

Tilt Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

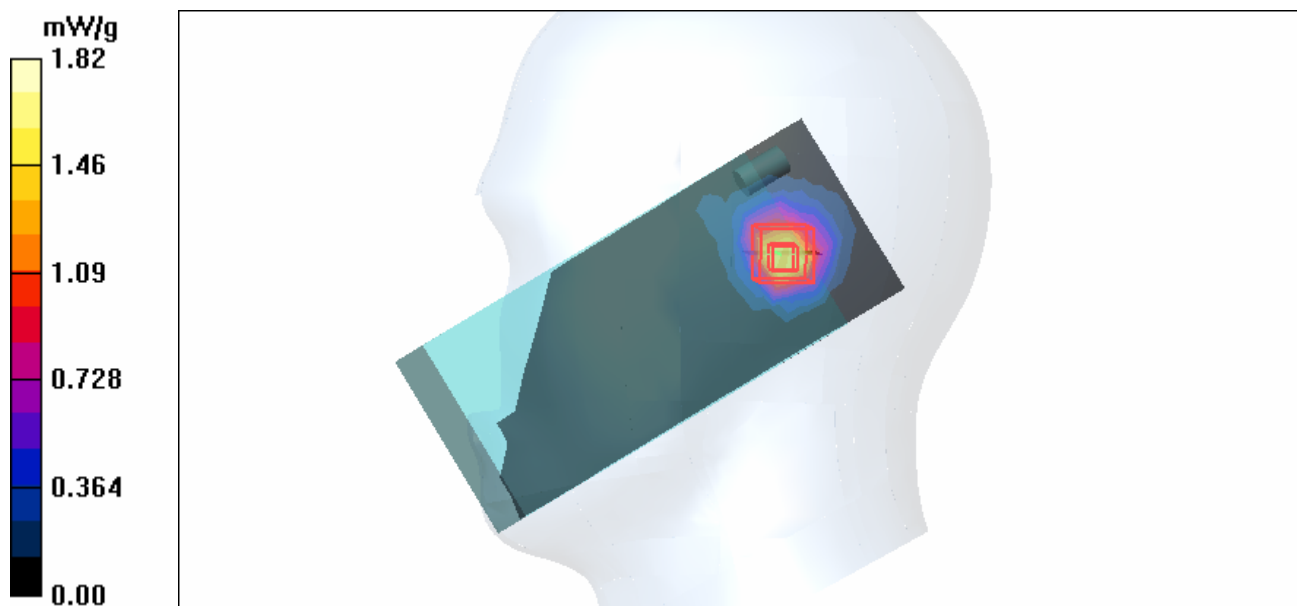
dy=4.3mm, dz=3mm

Reference Value = 15.0 V/m

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 1.82 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch64-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.01 mW/g

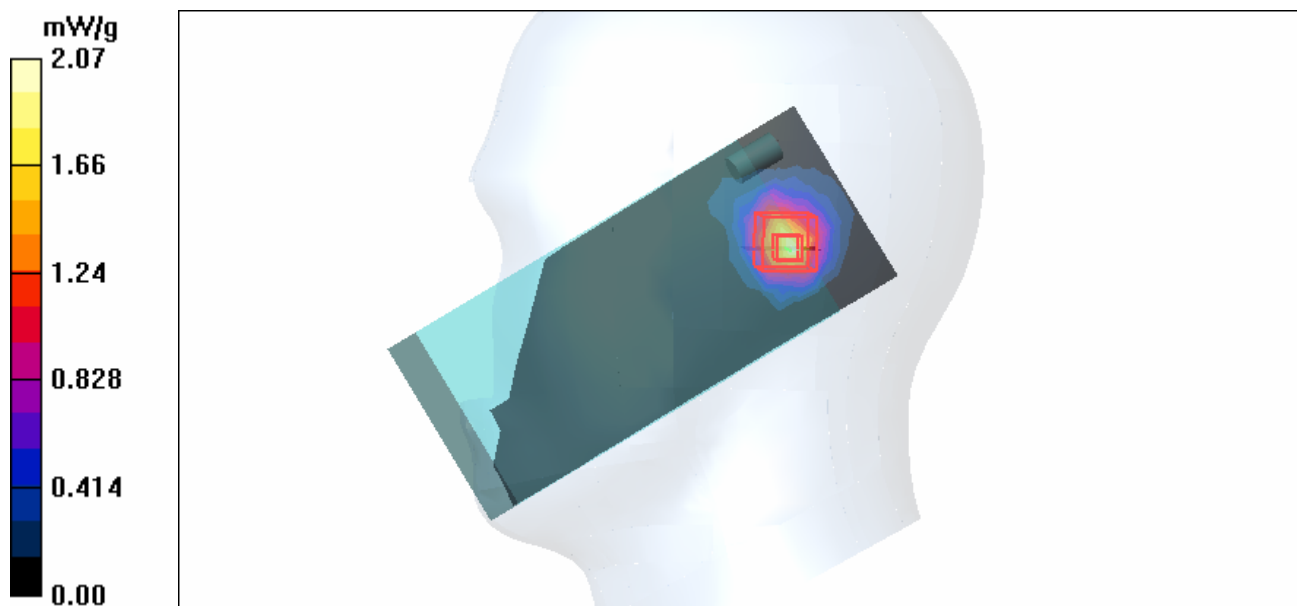
Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

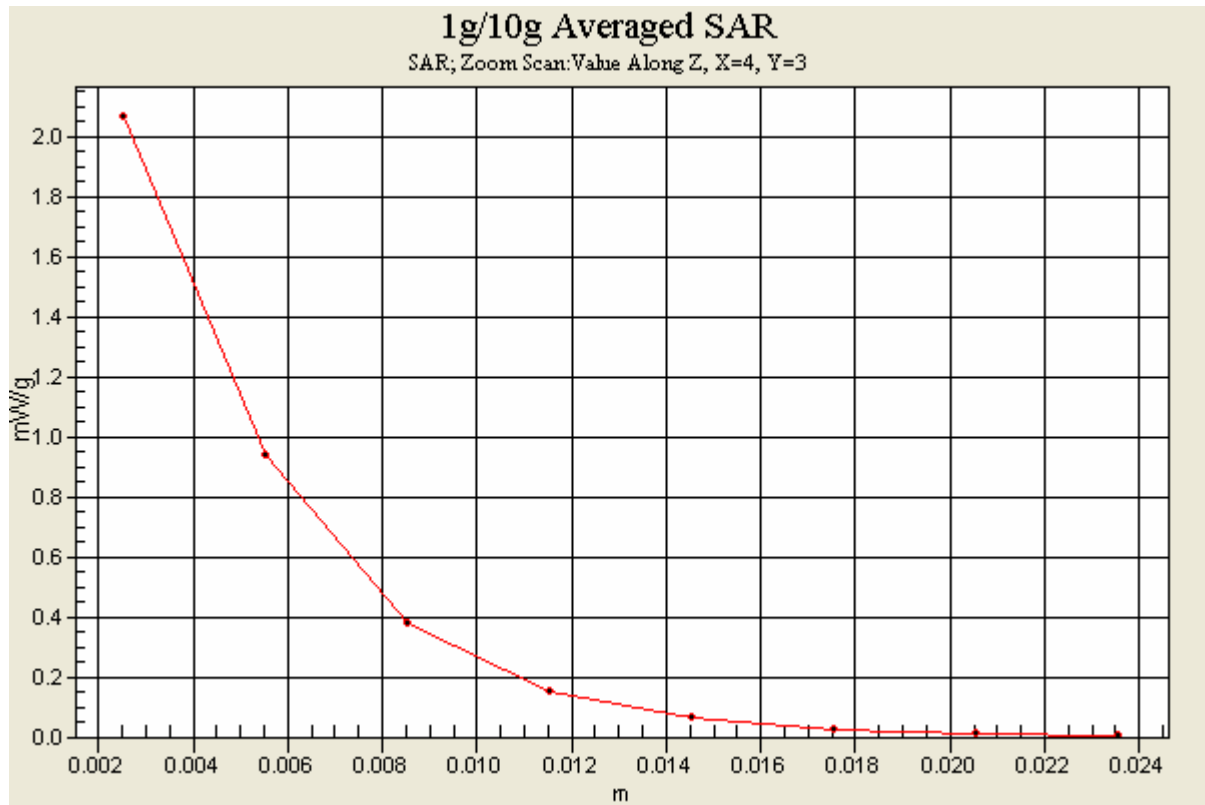
Reference Value = 13.1 V/m

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 2.07 mW/g





Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch149-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 36$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.749 mW/g

Tilt Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

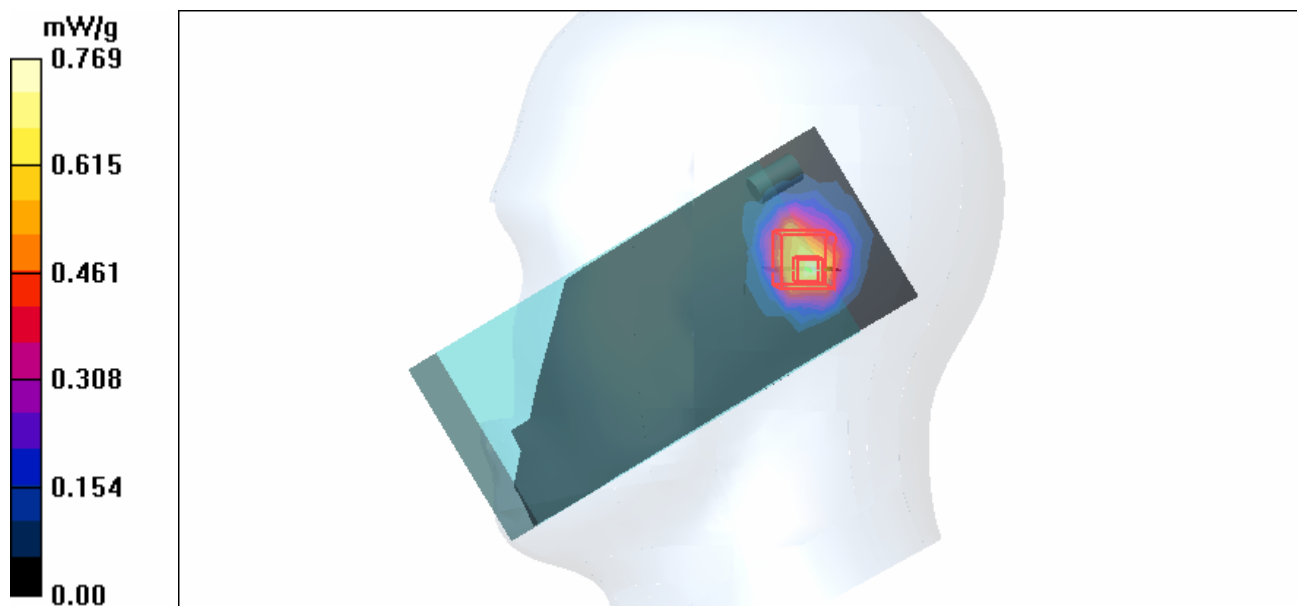
dy=4.3mm, dz=3mm

Reference Value = 7.89 V/m

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.769 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch157-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.33 \text{ mho/m}$; $\epsilon_r = 35.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - Mid Channel 157/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.834 mW/g

Tilt Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$,

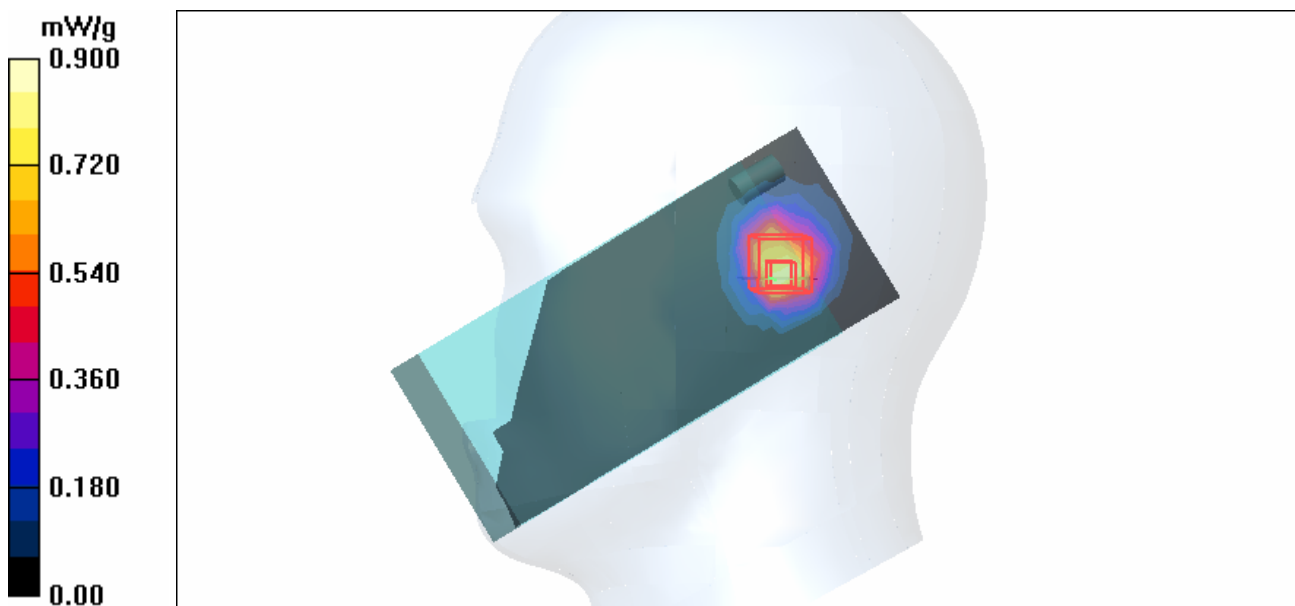
$dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 9.49 V/m

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.228 mW/g

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



Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch165-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt Position - High Channel 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

Tilt Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,

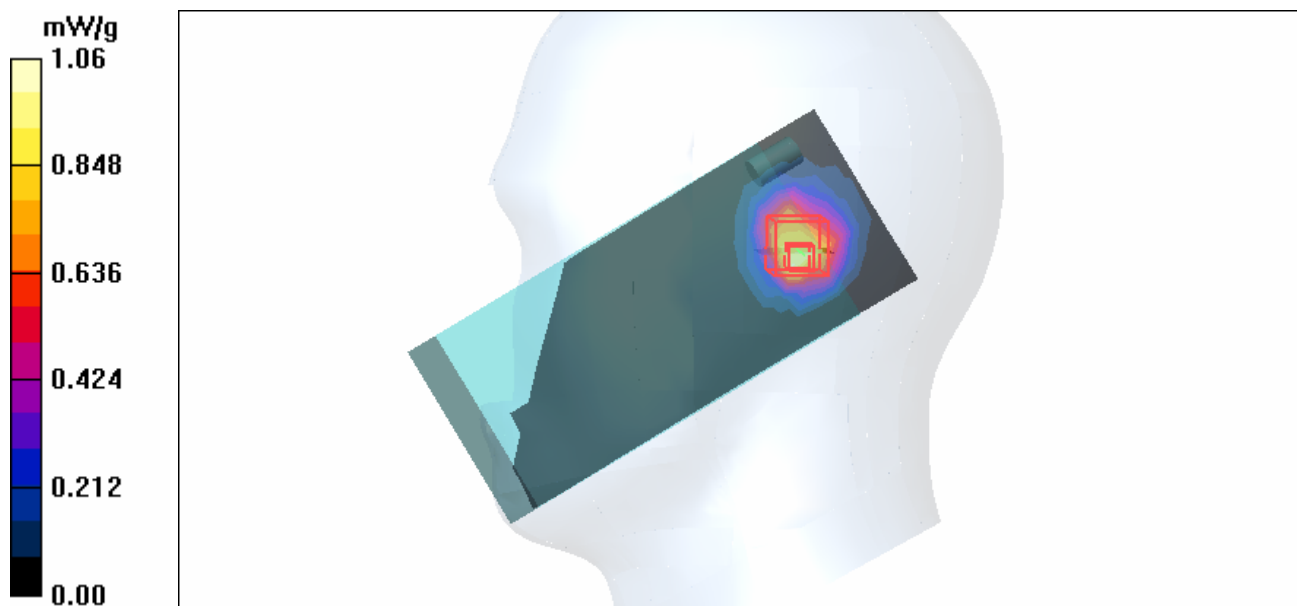
dy=4.3mm, dz=3mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch36-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

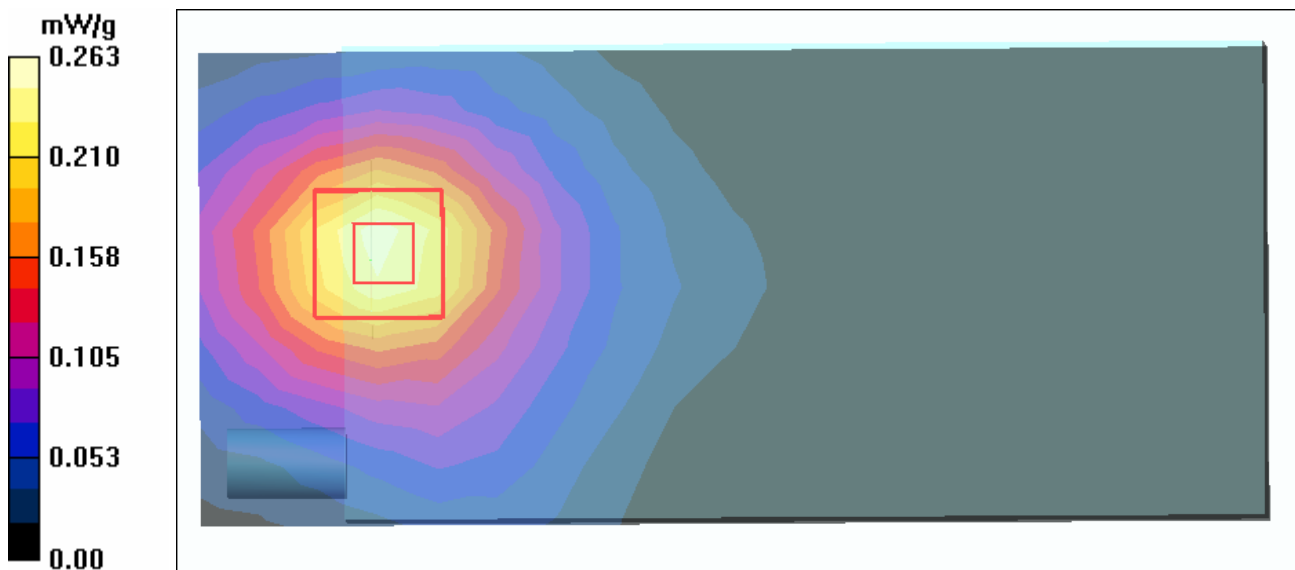
Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1
 Medium: MSL5800 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.3 \text{ mho/m}$; $\epsilon_r = 48.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: Cheek
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.258 mW/g

Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 0.974 V/m
 Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.075 mW/g
 Maximum value of SAR (measured) = 0.263 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch48-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

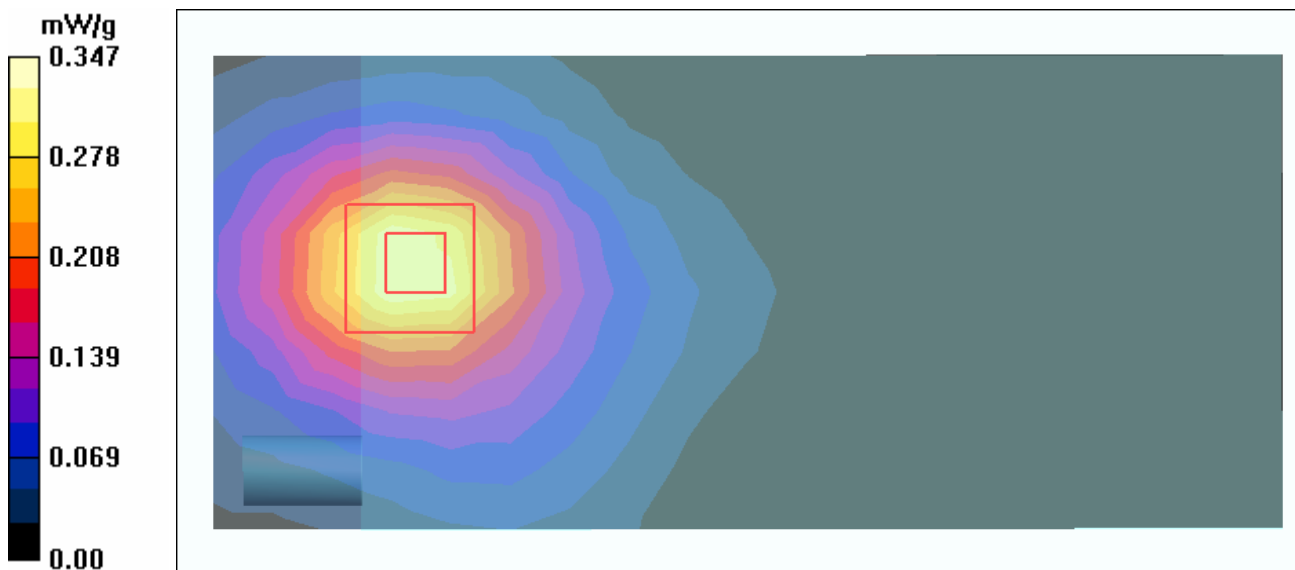
Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1
 Medium: MSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: Cheek
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

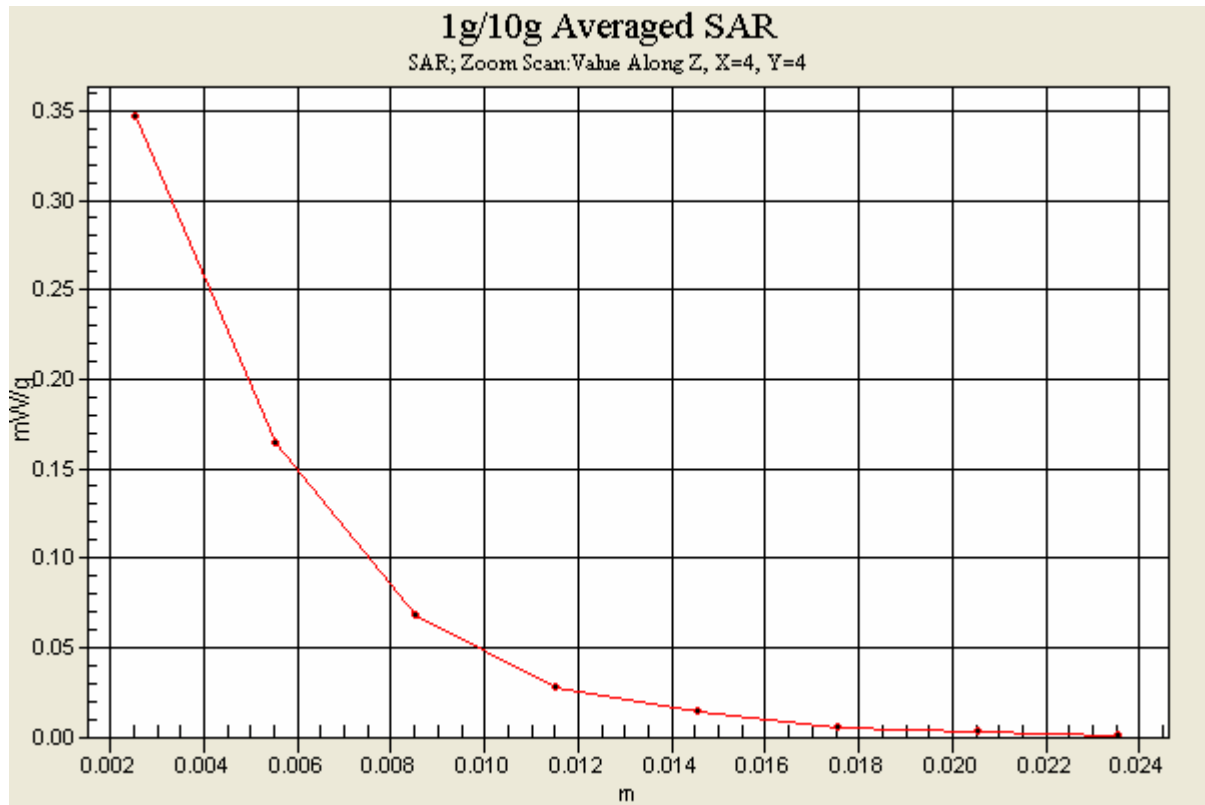
DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.320 mW/g

Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 2.06 V/m
 Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.096 mW/g
 Maximum value of SAR (measured) = 0.347 mW/g





Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch52-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.325 mW/g

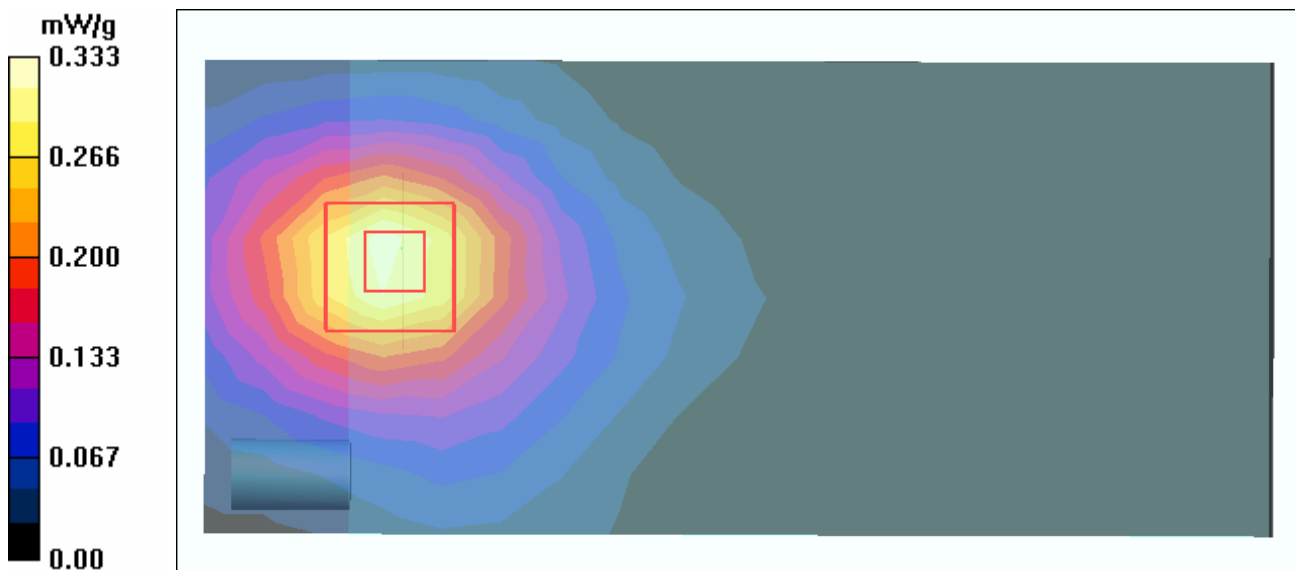
Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.85 V/m

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch64-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

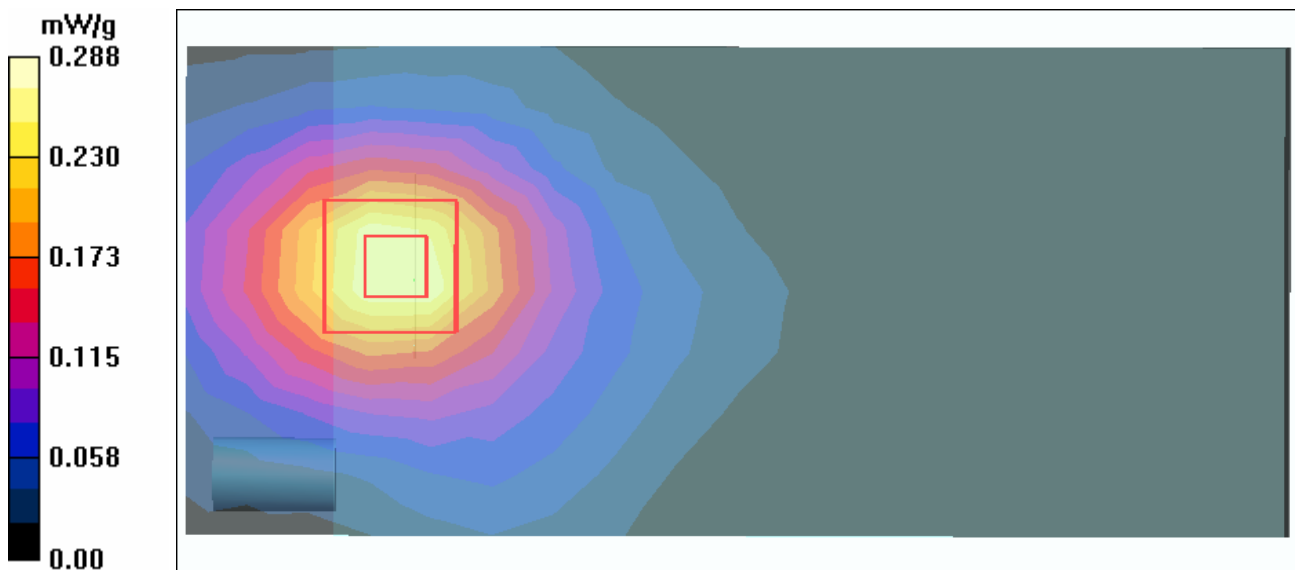
Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1
 Medium: MSL5800 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.5$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: Cheek
 Separation Distance : 0 mm (The front side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.266 mW/g

Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 1.95 V/m
 Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.080 mW/g
 Maximum value of SAR (measured) = 0.288 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch149-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

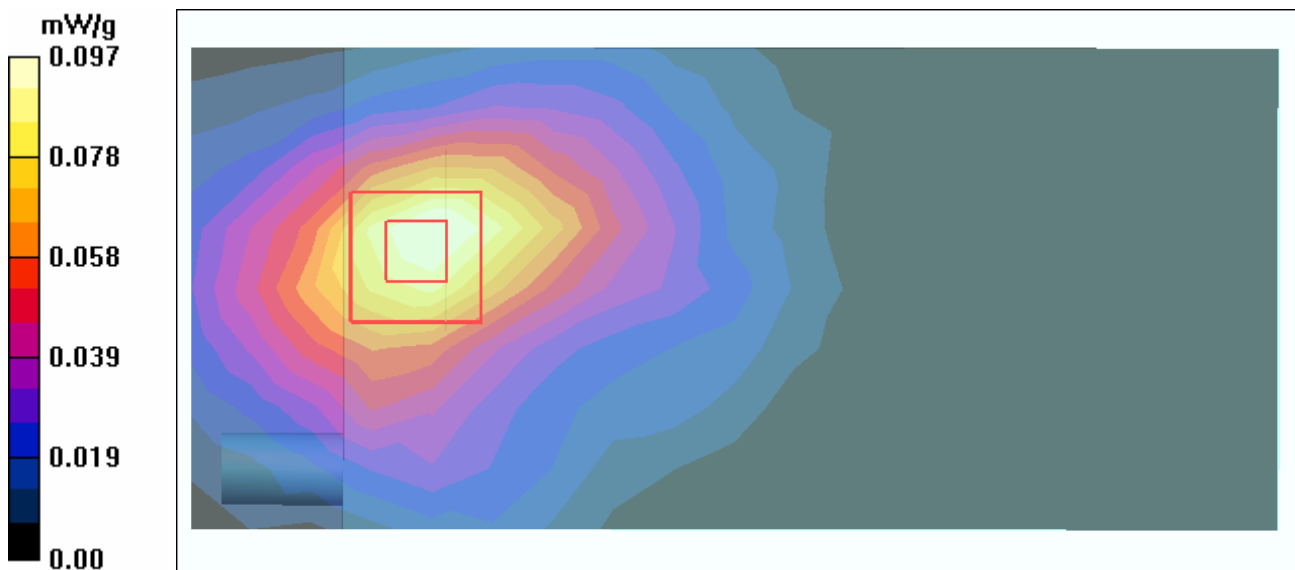
Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.25 V/m

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch157-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.19$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.096 mW/g

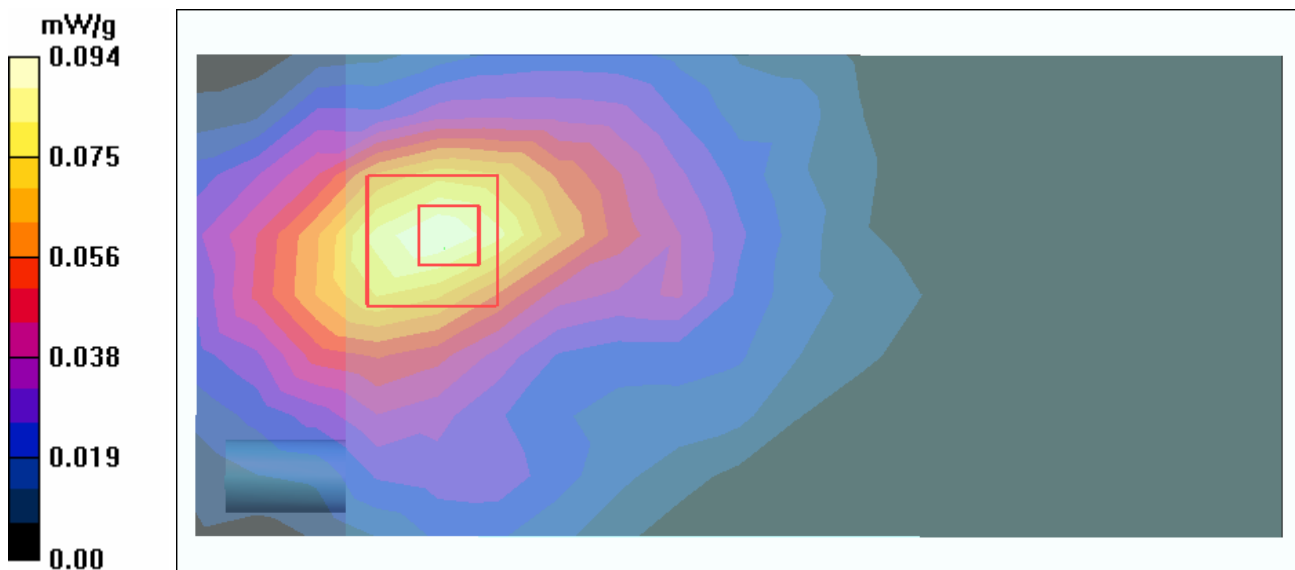
Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.53 V/m

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



Test Laboratory: Advance Data Technology

BodyWorn-11a-Ch165-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.178 mW/g

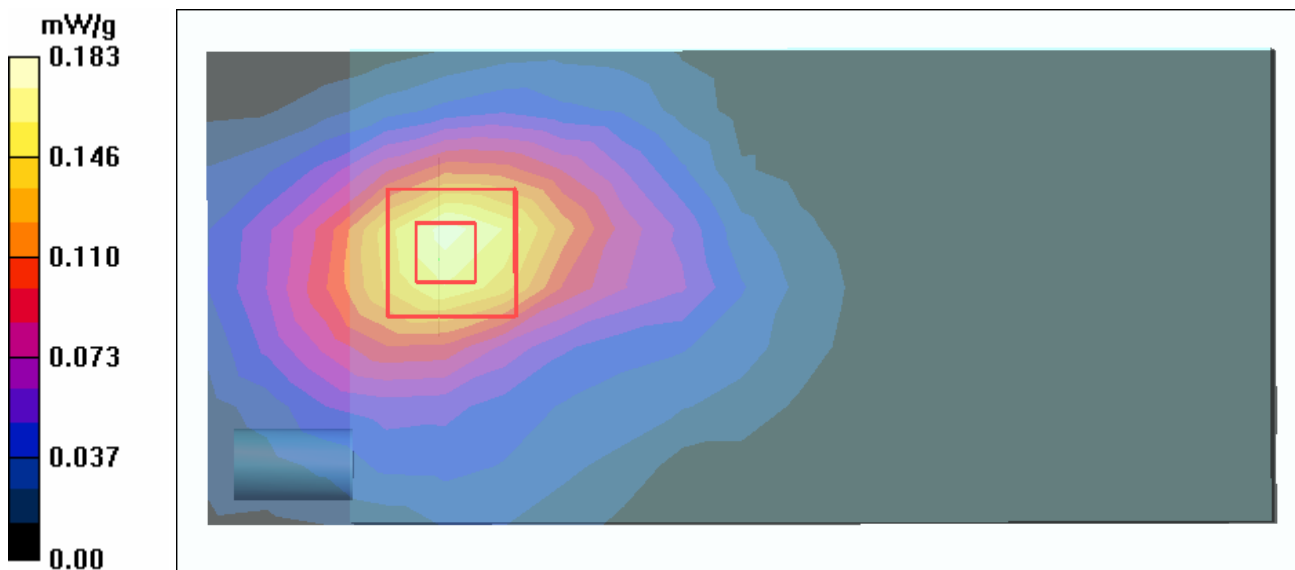
High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.89 V/m

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



Test Laboratory: Advance Data Technology

Co-located-Right Head-Cheek-11b Ch6+BT Ch78

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz Frequency: 2480 MHz

Communication System: 802.11b Communication System: Bluetooth ; Frequency: 2437 MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.78$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³ ; Liquid level: 150mm

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

Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

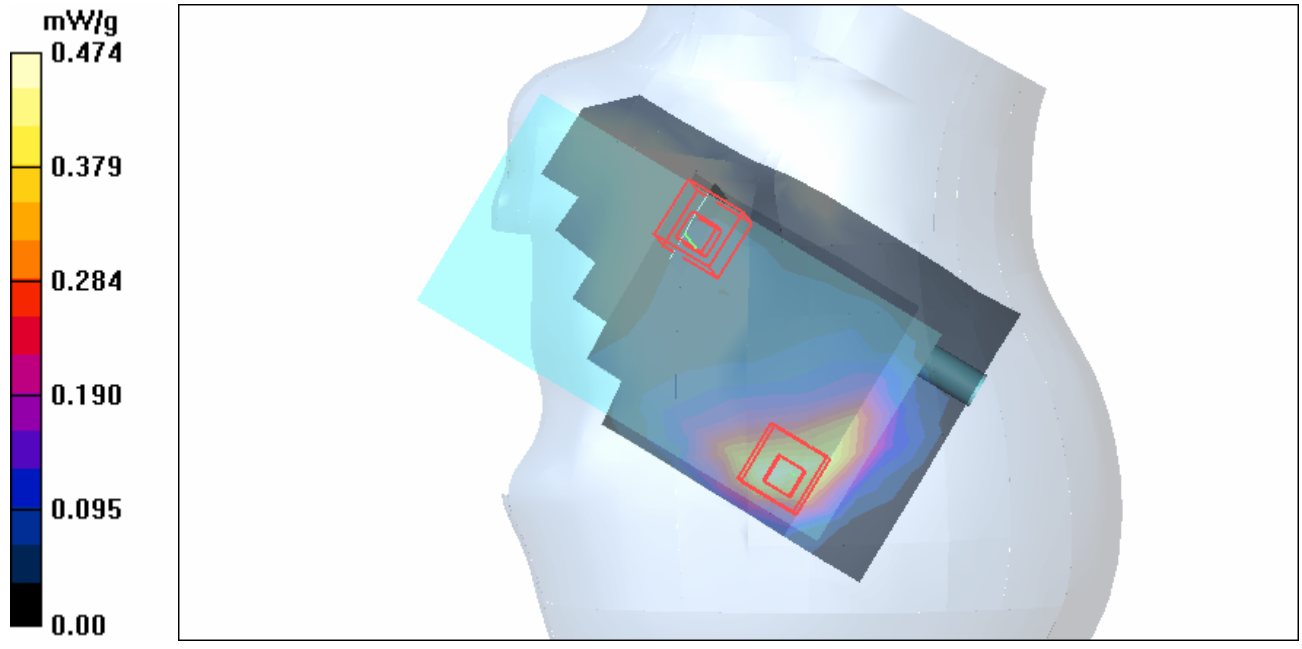
- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Mid Channel 6/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.474 mW/g

Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.1 V/m
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.229 mW/g

Touch position - High Channel 78/Area Scan (7x7x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (measured) = 0.018 mW/g

Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.995 V/m
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0027 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



Test Laboratory: Advance Data Technology

Co-located-Left Head-Tilt-11a Ch64+BT Ch78

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz Frequency: 5320 MHz

Communication System: Bluetooth Communication System: 802.11a ; Frequency: 2480 MHz Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium: HSL5800 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.8$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ; Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 Probe: EX3DV3 - SN3506 ; ConvF(4.74, 4.74, 4.74) ConvF(5.21, 5.21, 5.21) ;

Calibrated: 2004/12/20 Calibrated: 2004/3/19

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

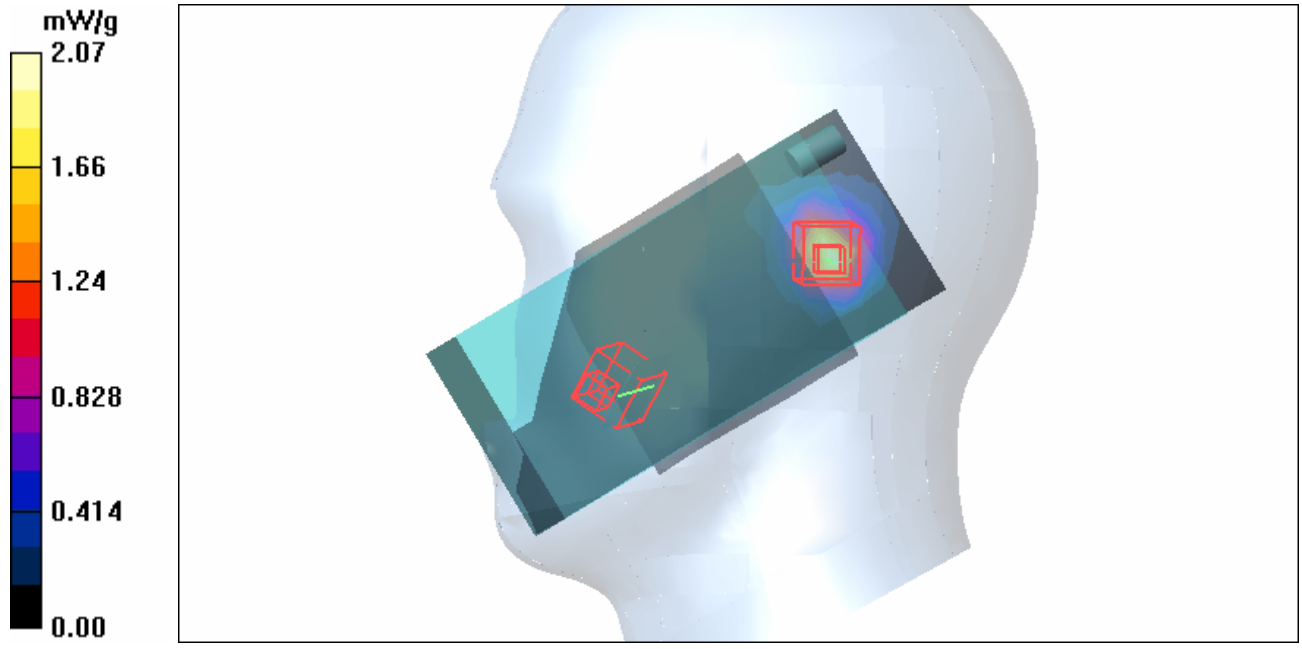
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low Channel 0/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.00 mW/g

Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.445 V/m
Peak SAR (extrapolated) = 0.01 W/kg
SAR(1 g) = 0.0088 mW/g; SAR(10 g) = 0.00164 mW/g

Tilt Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.01 mW/g

Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm,
dy=4.3mm, dz=3mm
Reference Value = 13.1 V/m
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 2.07 mW/g



Test Laboratory: Advance Data Technology

Co-located-Body Worn-11b Ch6+BT Ch0

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz Frequency: 2480 MHz

Communication System: 802.11b Communication System: Bluetooth ; Frequency: 2437 MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³
Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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

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

Antenna Type : Chip Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.087 mW/g

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

Reference Value = 2.53 V/m

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.148 mW/g

High Channel 78/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

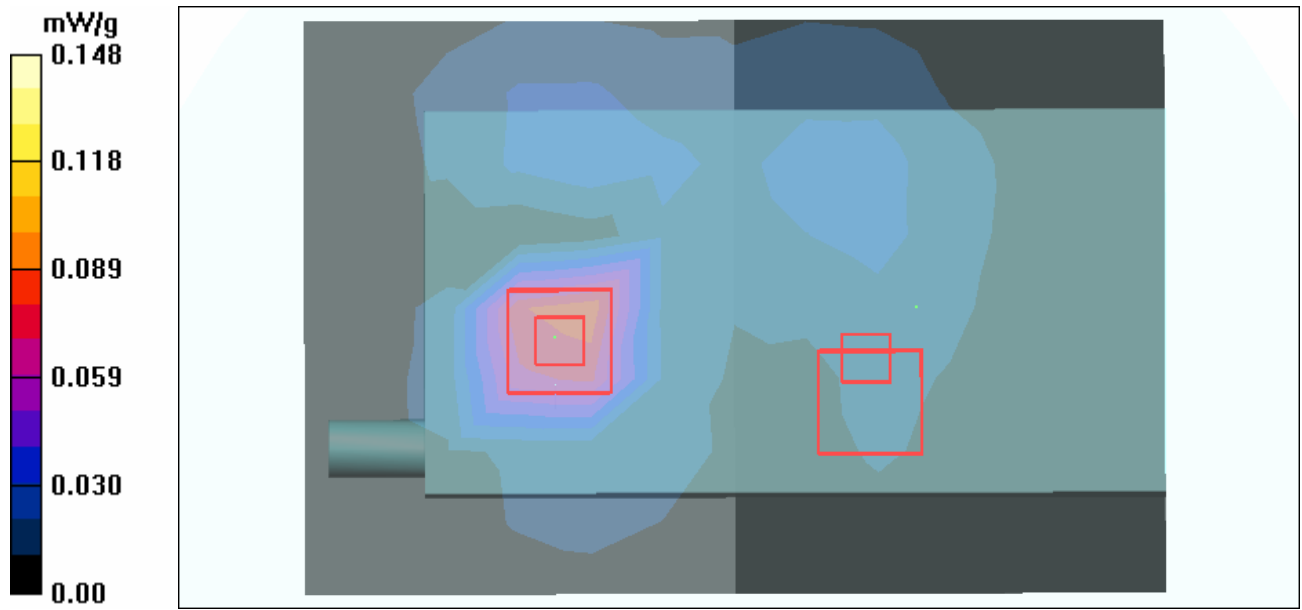
High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.688 V/m

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.000171 mW/g; SAR(10 g) = 3.98e-005 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



Test Laboratory: Advance Data Technology

Co-located-Body Worn-BT Ch78+11a Ch48

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz Frequency: 5240 MHz

Communication System: Bluetooth Communication System: 802.11a ; Frequency: 2480 MHz Frequency: 5240 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium: MSL5800 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 5240$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³ ; Liquid Level : 155mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 Probe: EX3DV3 - SN3506 ; ConvF(4.35, 4.35, 4.35) ConvF(4.57, 4.57, 4.57) ;

Calibrated: 2004/12/20 Calibrated: 2004/3/19

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 78/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.688 V/m

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.000171 mW/g; SAR(10 g) = 3.98e-005 mW/g

Maximum value of SAR (measured) = 0.017 mW/g

Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.320 mW/g

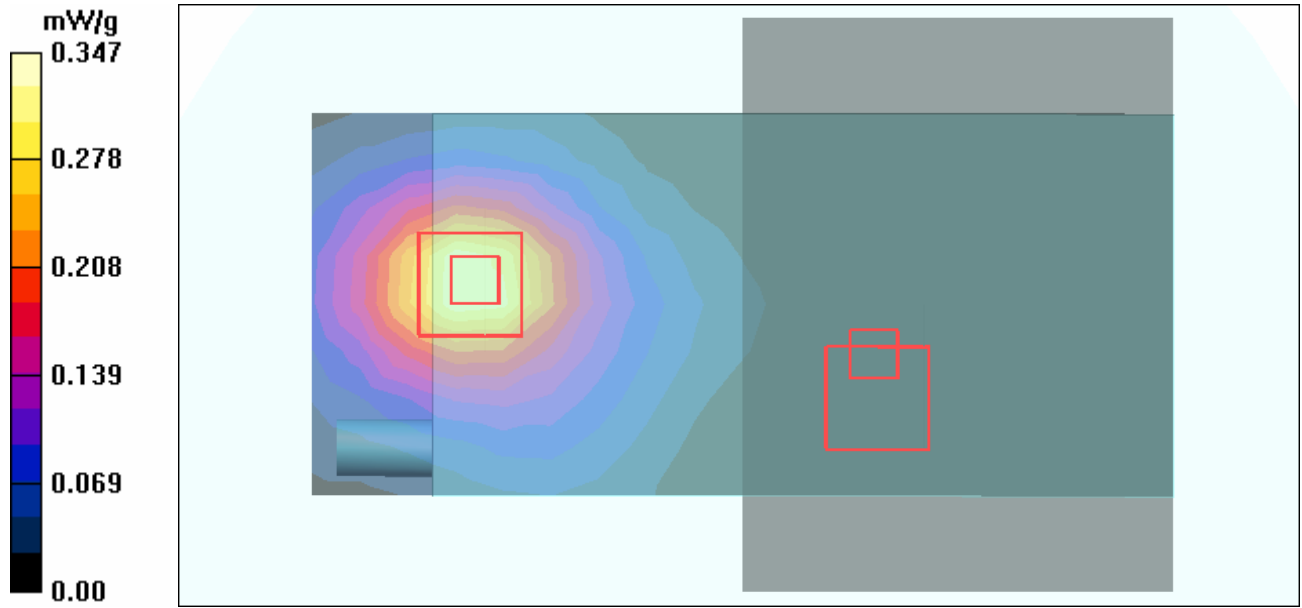
Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.06 V/m

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; 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; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³ ;
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. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.9 mW/g

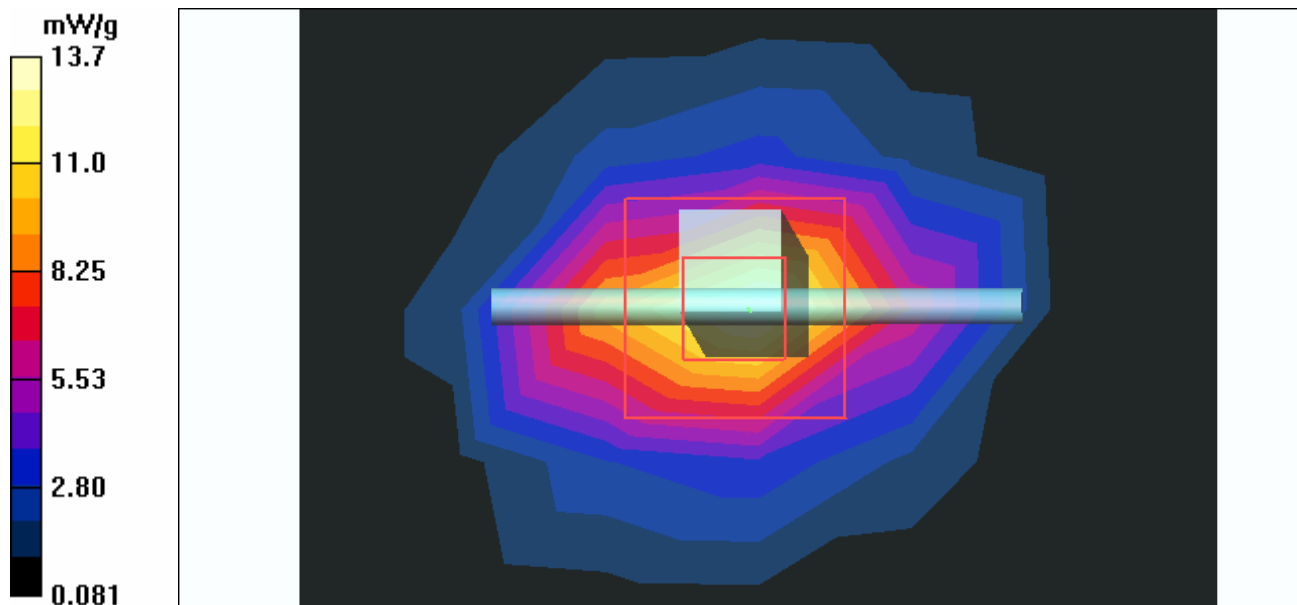
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.3 V/m; Power Drift = -0.233 dB

Peak SAR (extrapolated) = 24.1 W/kg

SAR(1 g) = 12.5 mW/g; SAR(10 g) = 5.83 mW/g

Maximum value of SAR (measured) = 13.7 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; 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; $\sigma = 1.78$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³ ;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 13.9 mW/g

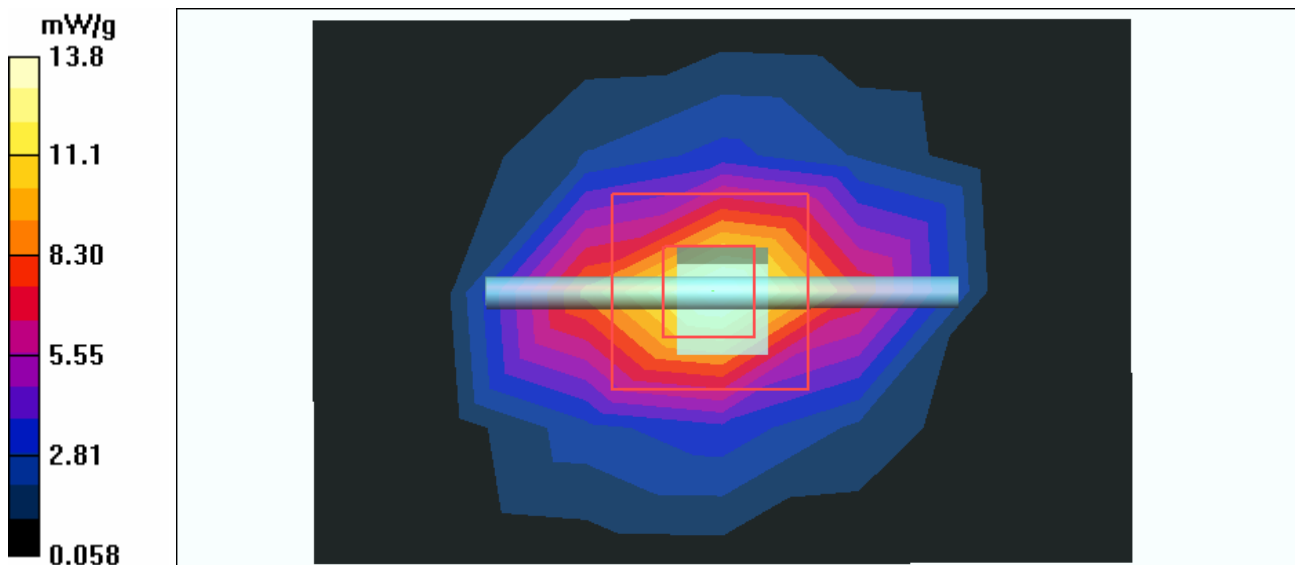
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.8 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 26.1 W/kg

SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.86 mW/g

Maximum value of SAR (measured) = 13.8 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; 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; $\sigma = 1.98$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³ ;
Liquid level : 152 mm

Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
Air temp. : 22.6 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.5 mW/g

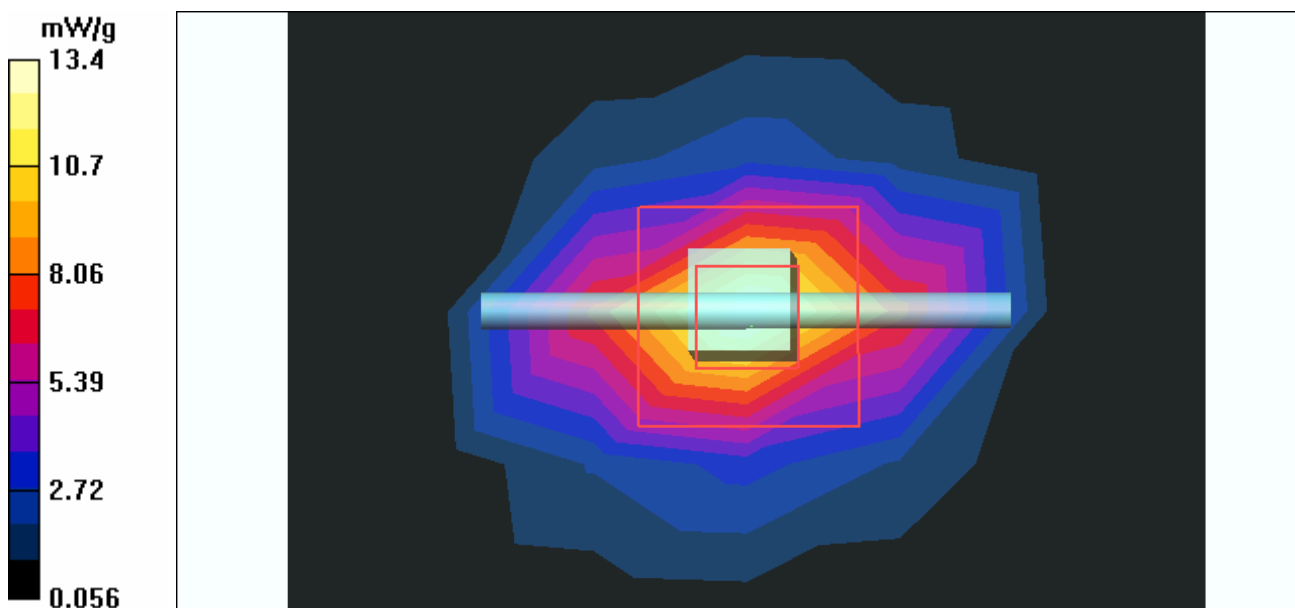
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.2 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 26.0 W/kg

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.82 mW/g

Maximum value of SAR (measured) = 13.4 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL5800; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.67$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ ;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: DAE not calibrated
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5200 MHz, d=10mm , Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 35.8 mW/g

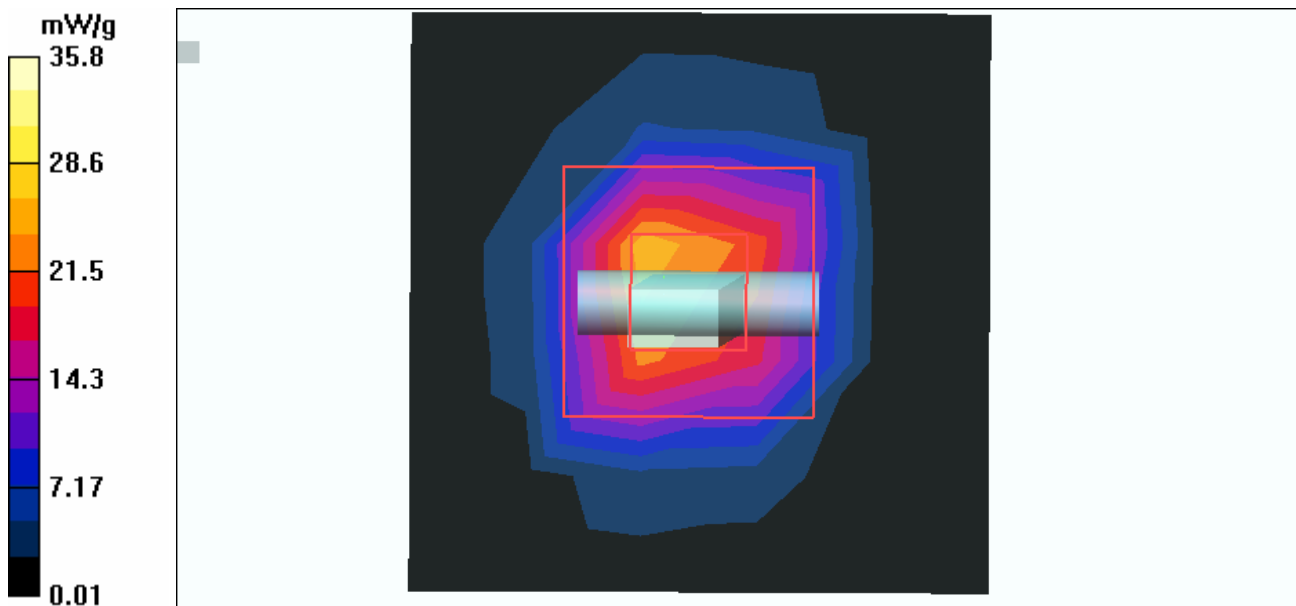
f=5200 MHz, d=10mm , Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 92.5 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 72.5 W/kg

SAR(1 g) = 20.1 mW/g; SAR(10 g) = 5.75 mW/g

Maximum value of SAR (measured) = 34.1 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5800 MHz

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL5800; Medium parameters used: $f = 5800$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 35.9$; $\rho = 1000$ kg/m³ ;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: DAE not calibrated
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5800MHz, d=10mm , Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 38.1 mW/g

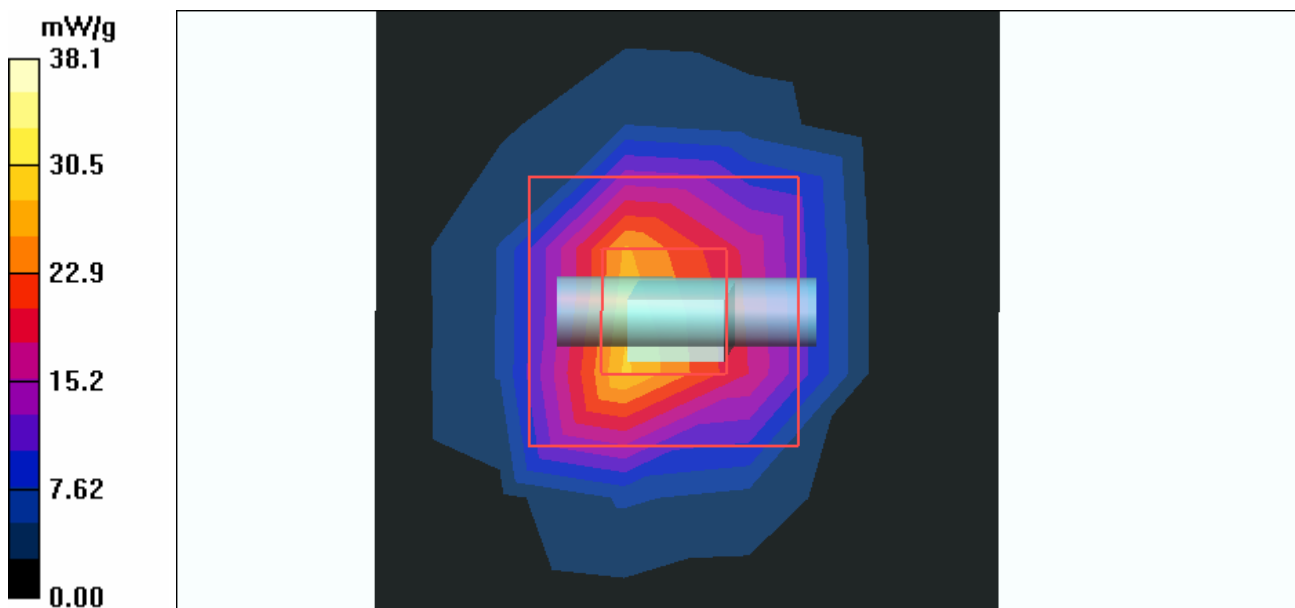
f=5800MHz, d=10mm , Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 88.1 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 84.8 W/kg

SAR(1 g) = 20.8 mW/g; SAR(10 g) = 5.9 mW/g

Maximum value of SAR (measured) = 36.6 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL5800; Medium parameters used: $f = 5200$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ kg/m³ ; Liquid level : 155 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: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5200, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 22.0mW/g

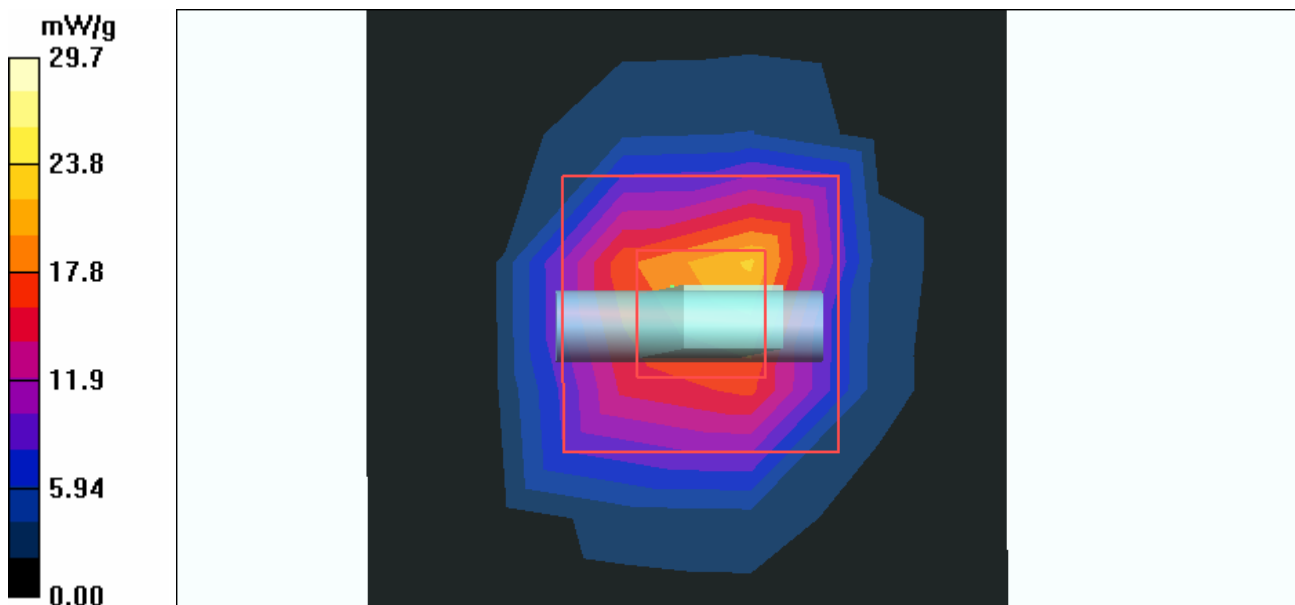
f=5200, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 83.8 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 66.4 W/kg

SAR(1 g) = 17.4 mW/g; SAR(10 g) = 4.83 mW/g

Maximum value of SAR (measured) = 29.7W/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5800 MHz

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL5800; Medium parameters used: $f = 5800$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³ ; Liquid level : 155 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: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5800, d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 30.0 mW/g

f=5800, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 75.1 V/m; Power Drift = 0.025 dB
 Peak SAR (extrapolated) = 70.2 W/kg

SAR(1 g) = 16.5 mW/g; SAR(10 g) = 4.58 mW/g
 Maximum value of SAR (measured) = 29.5 mW/g

