

Test Laboratory: Compliance Certification Services

## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Left Section

Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

**Touch position - Mid-ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.574 mW/g

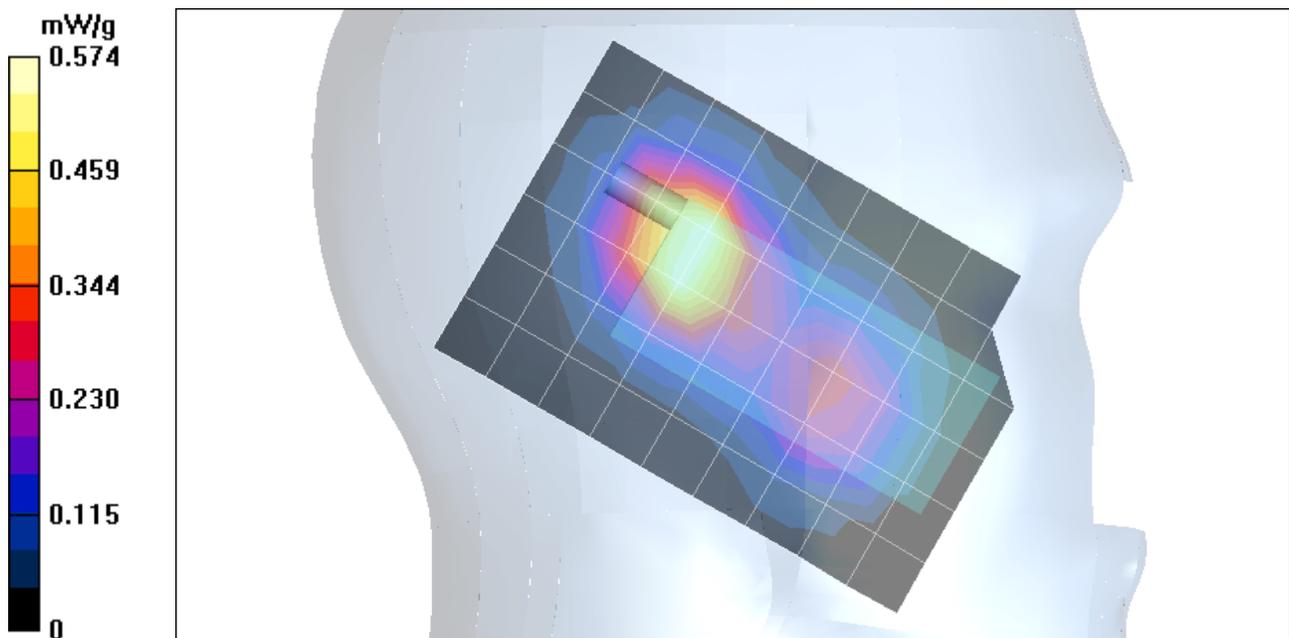
**Touch position - Mid-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.916 W/kg

**SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.295 mW/g**

Maximum value of SAR (measured) = 0.699 mW/g



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## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Left Section

Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (measured) = 0.708 mW/g

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

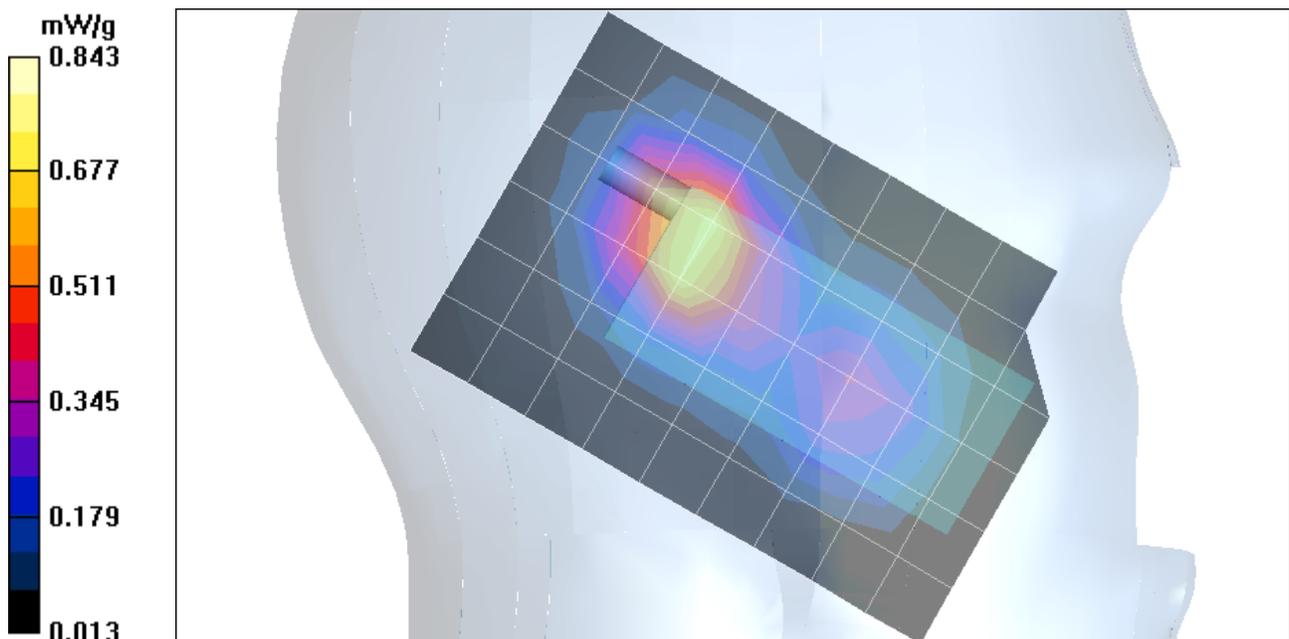
Reference Value = 22.3 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.355 mW/g**

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

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



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## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Left Section

Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (measured) = 0.674 mW/g

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

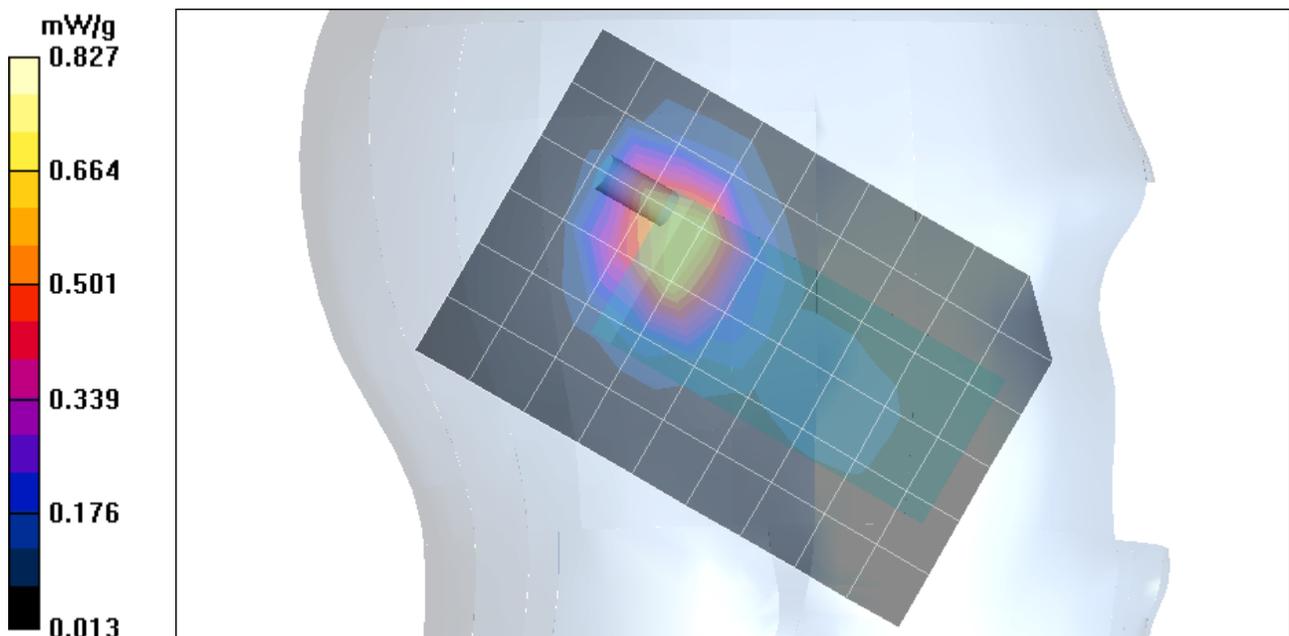
Reference Value = 21.8 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.345 mW/g**

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

Maximum value of SAR (measured) = 0.827 mW/g



Test Laboratory: Compliance Certification Services

## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Left Section

Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (measured) = 0.605 mW/g

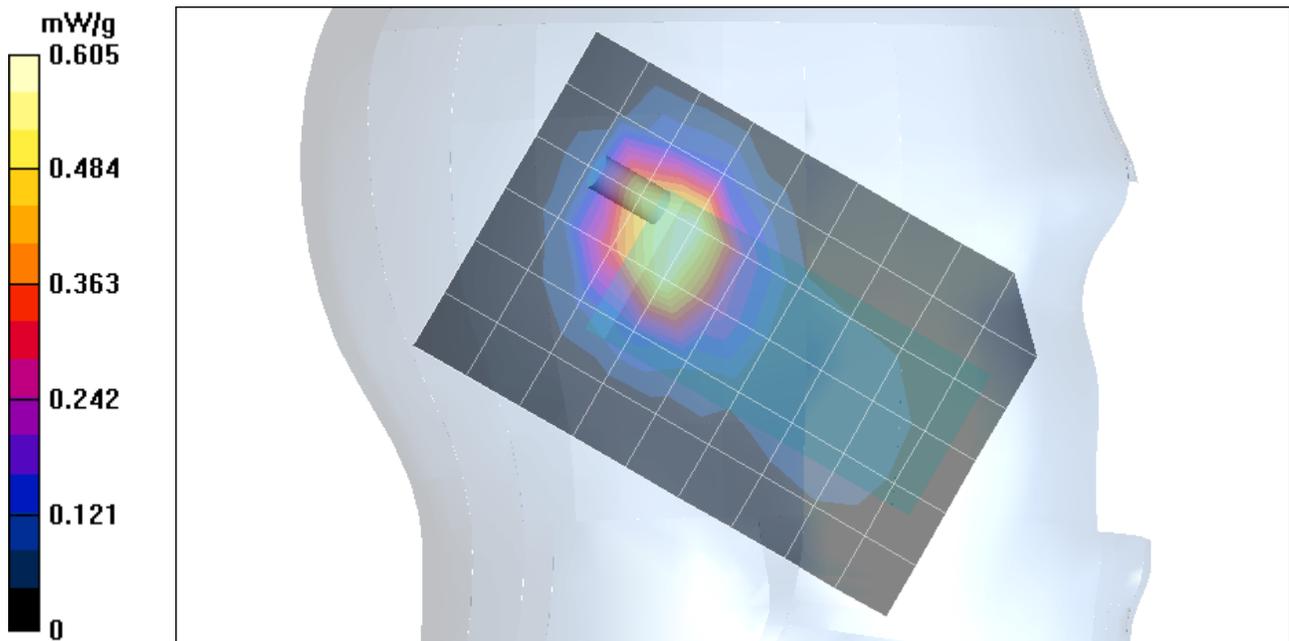
**Tilt position - Mid-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.967 W/kg

**SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (measured) = 0.731 mW/g



Test Laboratory: Compliance Certification Services

## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Left Section

Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (measured) = 0.744 mW/g

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

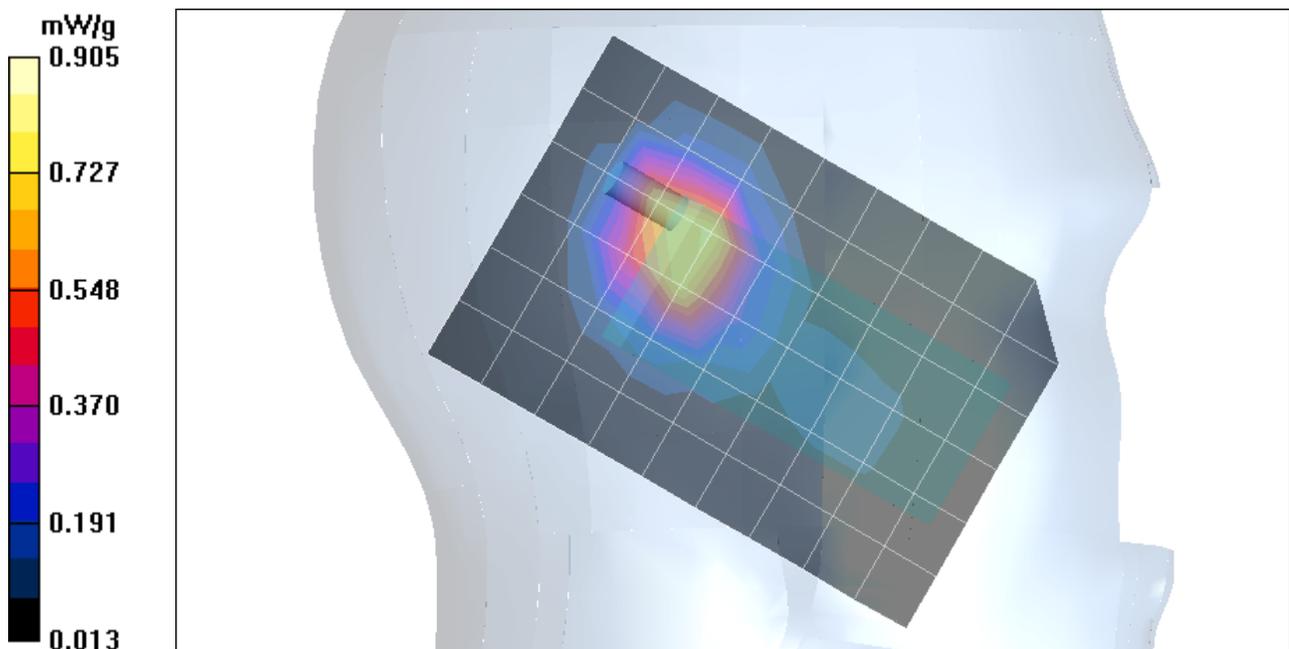
Reference Value = 22.6 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.2 W/kg

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.381 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Right Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Right Section

Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Touch position - Mid-ch/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.616 mW/g

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

Reference Value = 59.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.873 W/kg

**SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (measured) = 0.706 mW/g

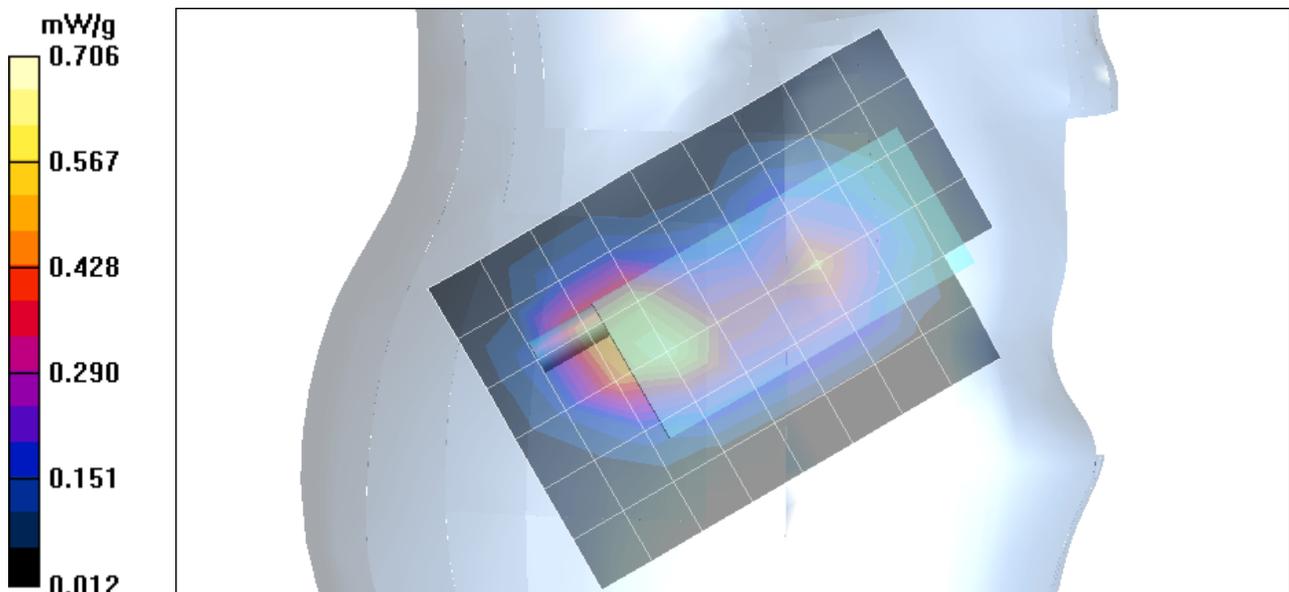
**Touch position - Mid-ch/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 59.5 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.512 W/kg

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 0.459 mW/g



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## Right Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Right Section

Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

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

Maximum value of SAR (measured) = 0.737 mW/g

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

Reference Value = 64.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.376 mW/g**

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

Maximum value of SAR (measured) = 0.835 mW/g

**Touch position - High-ch/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

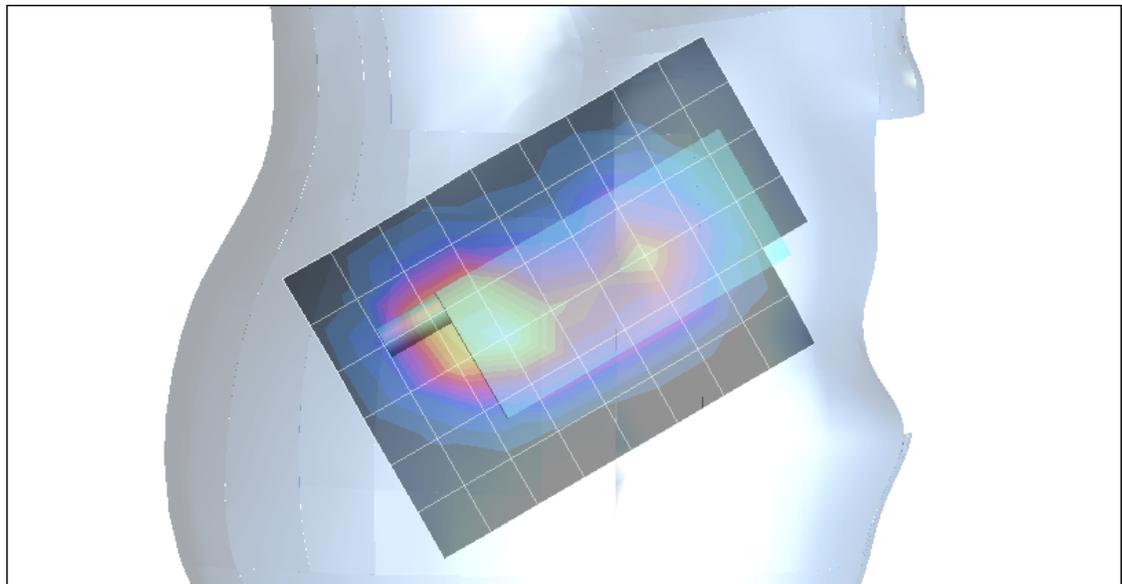
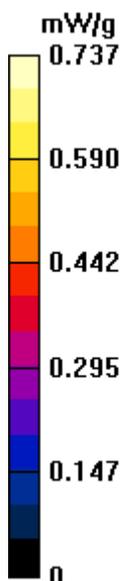
Reference Value = 64.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.579 W/kg

**SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.267 mW/g**

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

Maximum value of SAR (measured) = 0.516 mW/g



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## Left Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

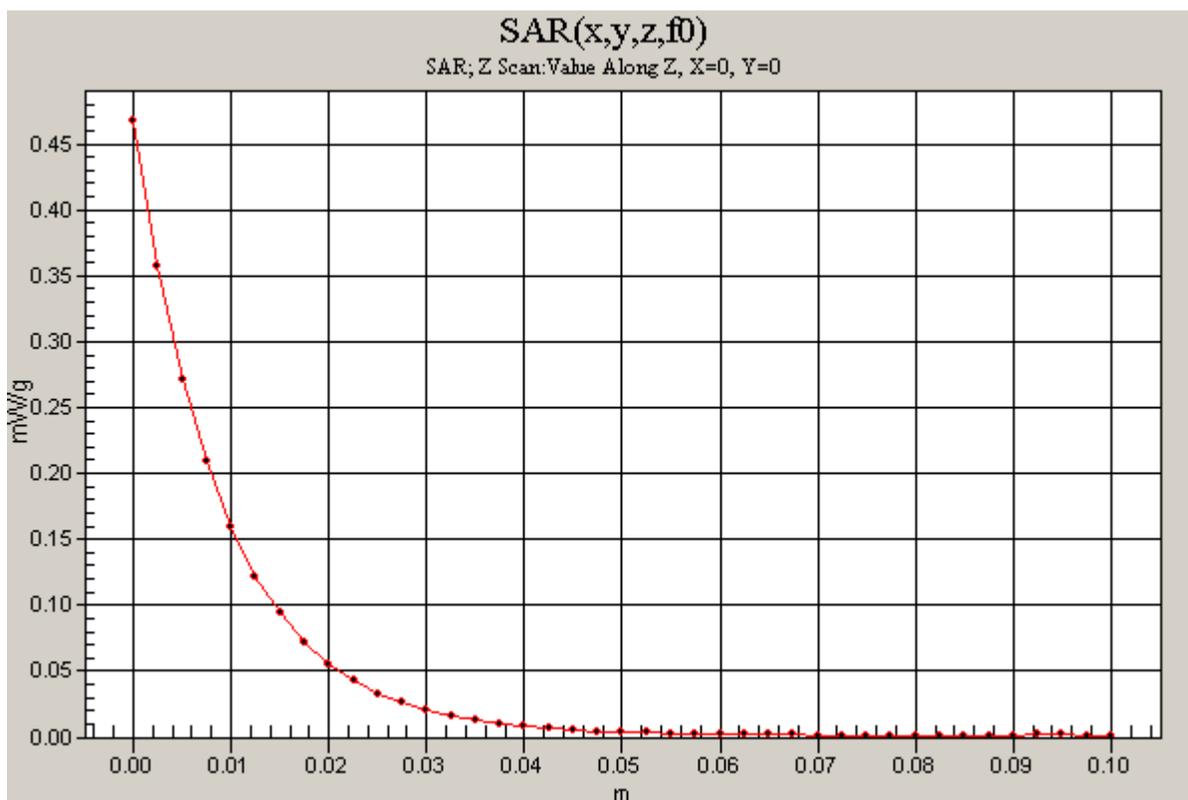
Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

**Tilt position - High-ch/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.468 mW/g



Test Laboratory: Compliance Certification Services

## Right Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Right Section

Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (measured) = 0.565 mW/g

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

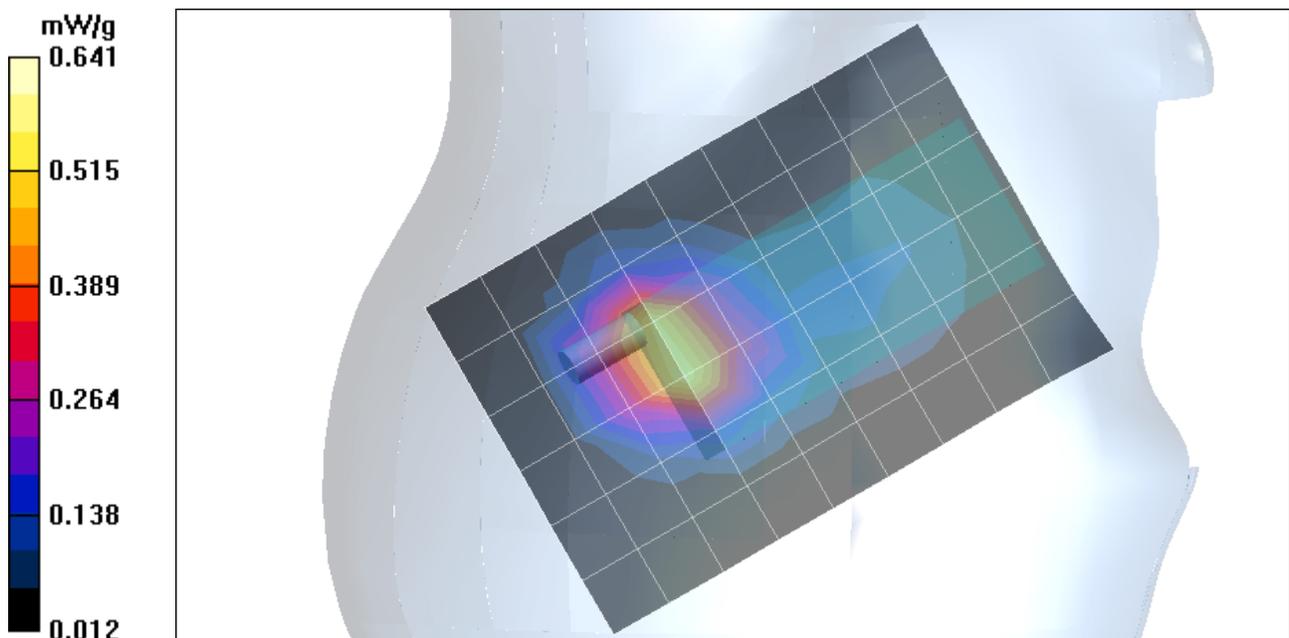
Reference Value = 19.4 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.273 mW/g**

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

Maximum value of SAR (measured) = 0.641 mW/g



Test Laboratory: Compliance Certification Services

## Right Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Right Section

Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (measured) = 0.538 mW/g

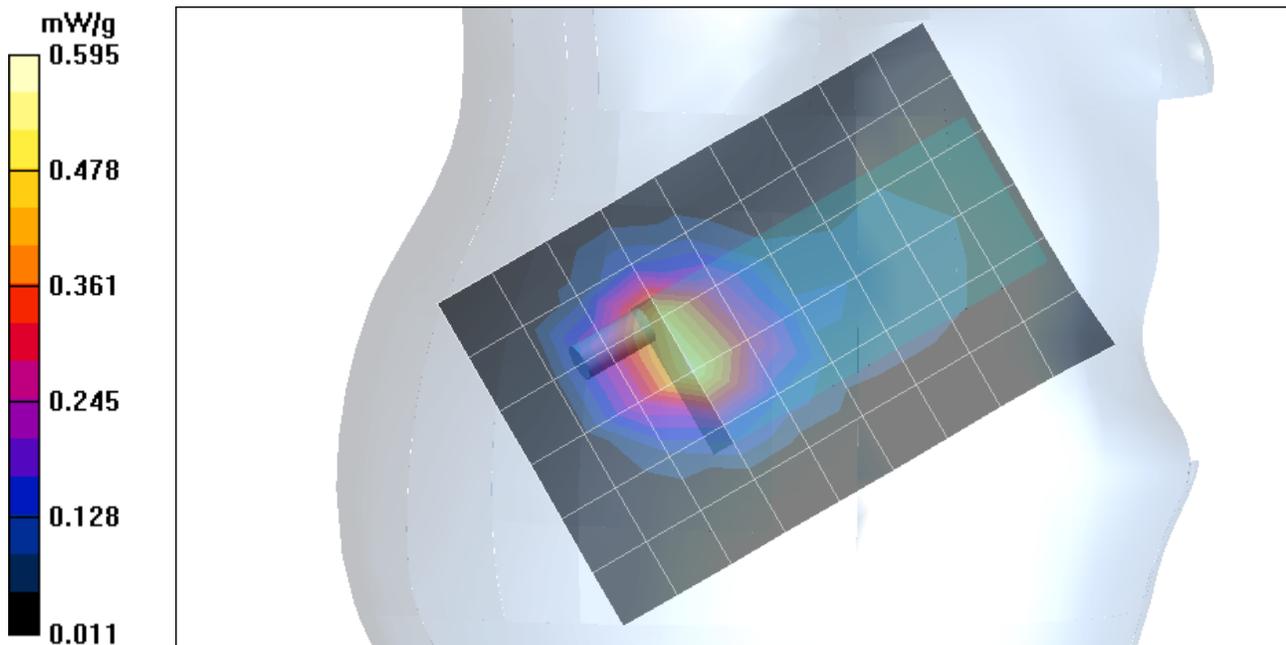
**Tilt position - Mid-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.763 W/kg

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.255 mW/g**

Maximum value of SAR (measured) = 0.595 mW/g



Test Laboratory: Compliance Certification Services

## Right Hand Side

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Right Section

Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.98, 8.98, 8.98);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

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

Maximum value of SAR (measured) = 0.641 mW/g

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

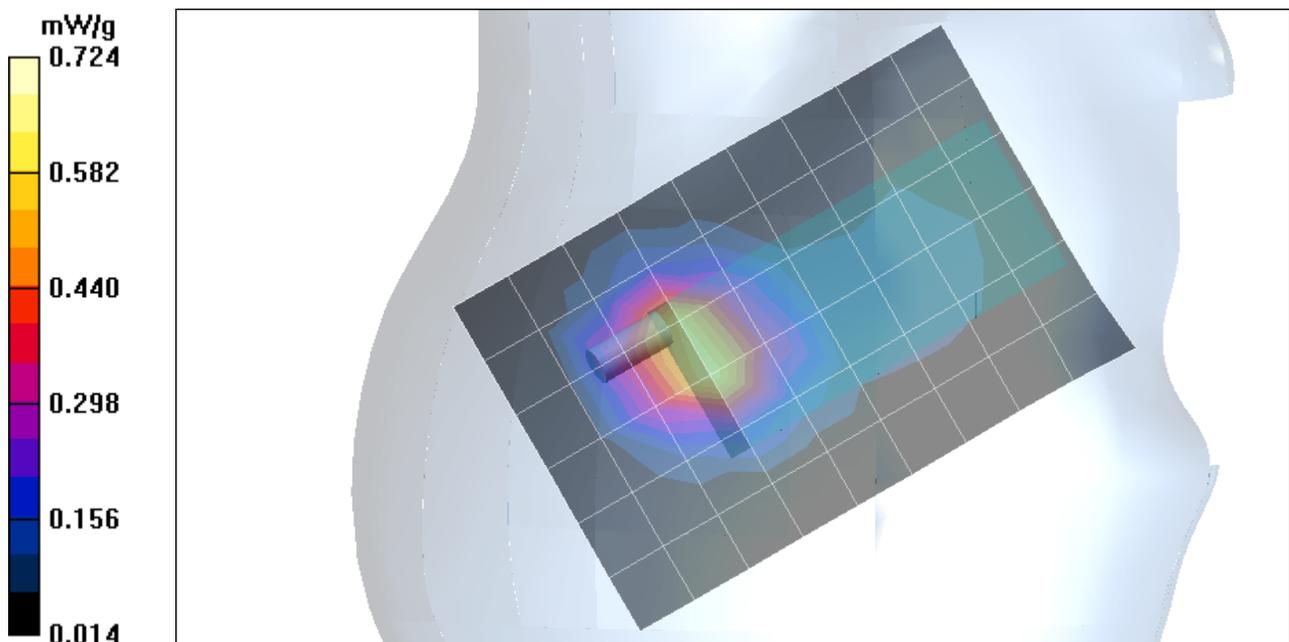
Reference Value = 20.4 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.934 W/kg

**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.307 mW/g**

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

Maximum value of SAR (measured) = 0.724 mW/g



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## Right Hand Side

DUT: Macronix; Type: MCX-608; Serial: N/A

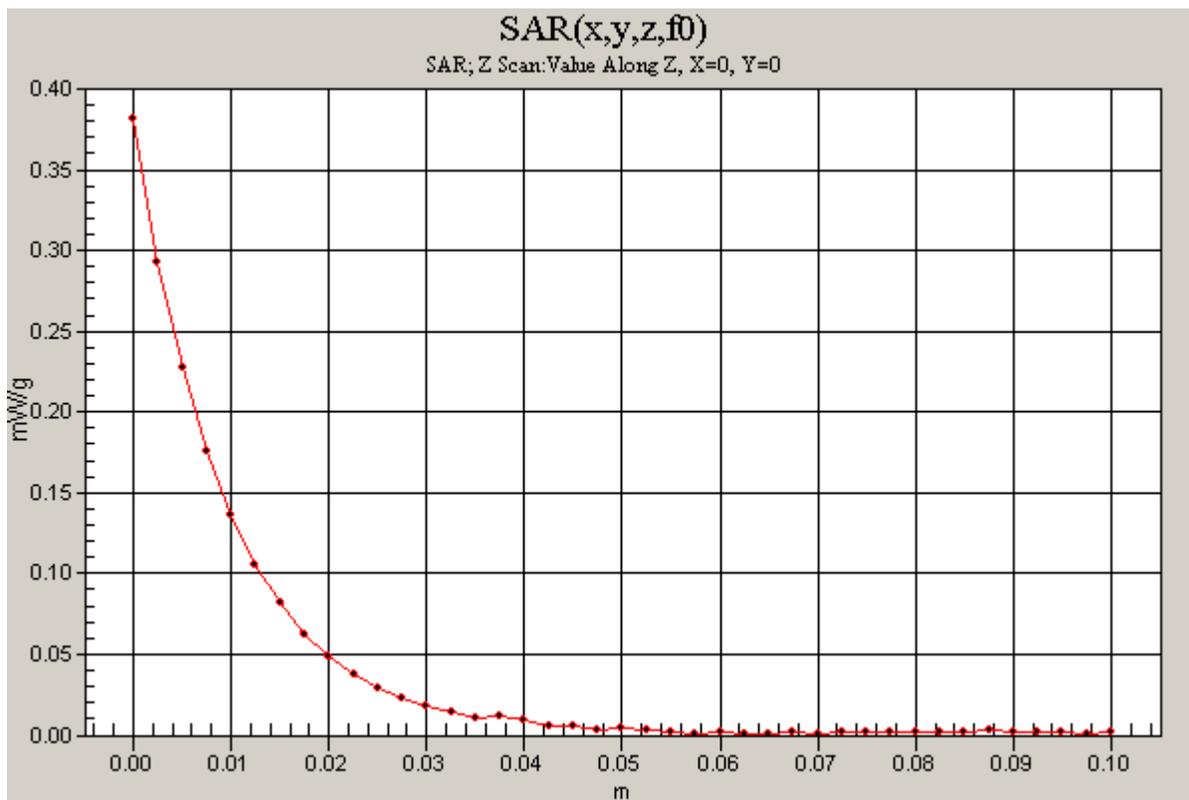
Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

Tilt position - High-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.382 mW/g



Test Laboratory: Compliance Certification Services

## Body worn

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Flat Section

Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DAS4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**d = 15 mm, L-ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.184 mW/g

**d = 15 mm, L-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.236 W/kg

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.097 mW/g**

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

Maximum value of SAR (measured) = 0.193 mW/g

**d = 15 mm, L-ch/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

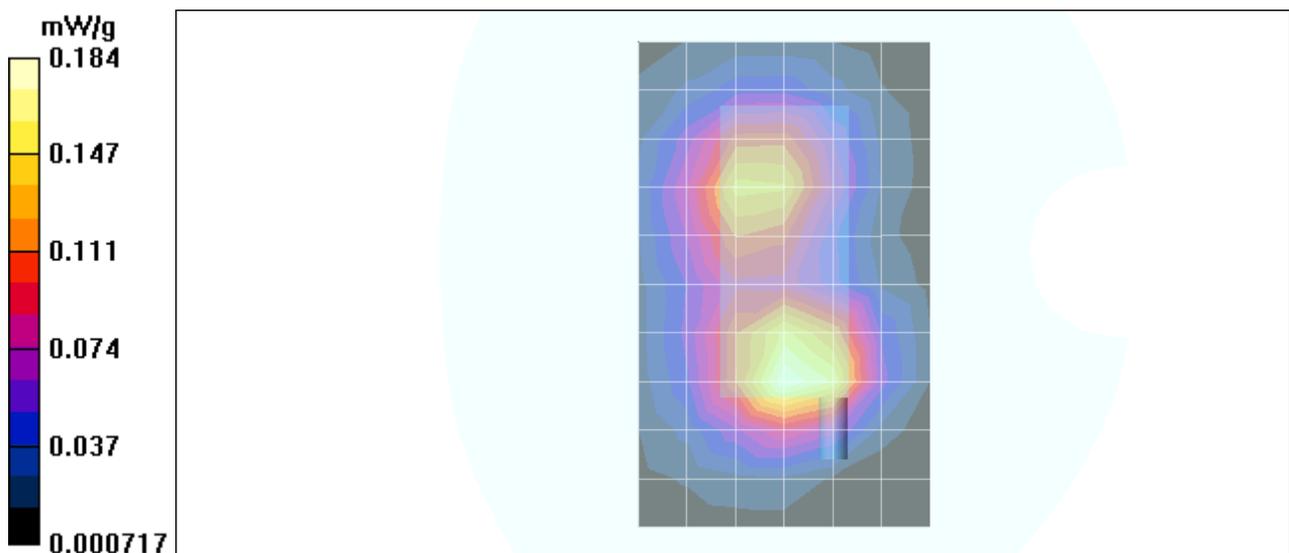
Reference Value = 22.4 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.177 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.083 mW/g**

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

Maximum value of SAR (measured) = 0.151 mW/g



Test Laboratory: Compliance Certification Services

## Body worn

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Flat Section

Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.5 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**d = 15 mm, M-ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.162 mW/g

**d = 15 mm, M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.175 mW/g

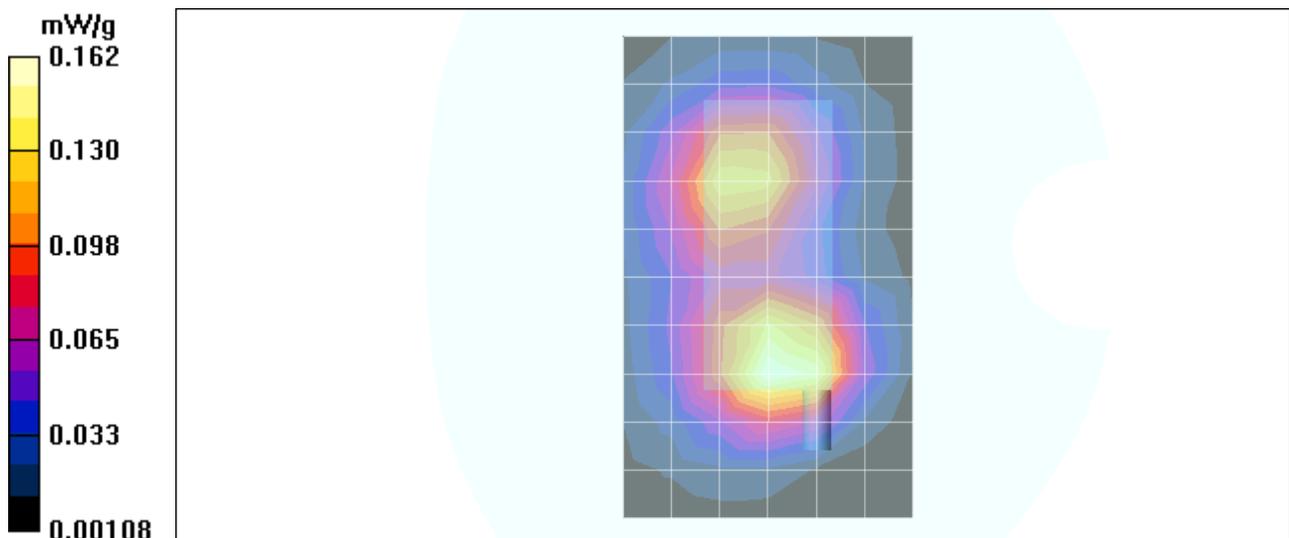
**d = 15 mm, M-ch/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.159 W/kg

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g



Test Laboratory: Compliance Certification Services

## Body worn

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Flat Section

Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 3.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.1, 8.1, 8.1);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DAS4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**d = 15 mm, H-ch/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.188 mW/g

**d = 15 mm, H-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.100 mW/g**

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

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

**d = 15 mm, H-ch/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

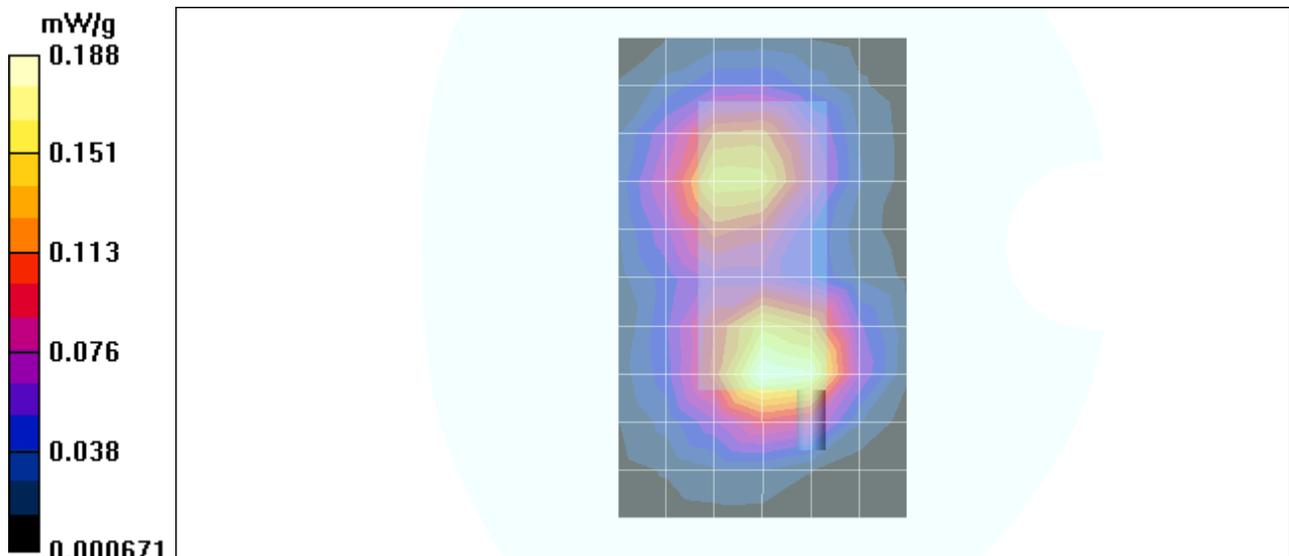
Reference Value = 20.7 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.191 W/kg

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.085 mW/g**

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

Maximum value of SAR (measured) = 0.162 mW/g



Test Laboratory: Compliance Certification Services

## Body worn

**DUT: Macronix; Type: MCX-608; Serial: N/A**

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

**d = 15 mm, H-ch/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.299 mW/g

