

APPENDIX A: TEST DATA(M01~M60)

Liquid Level Photo

MSL 2450MHz D=154mm



MSL 2450MHz D=151mm



Test Laboratory: Bureau Veritas ADT

M01-11b-Ch6(front / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.537 mW/g

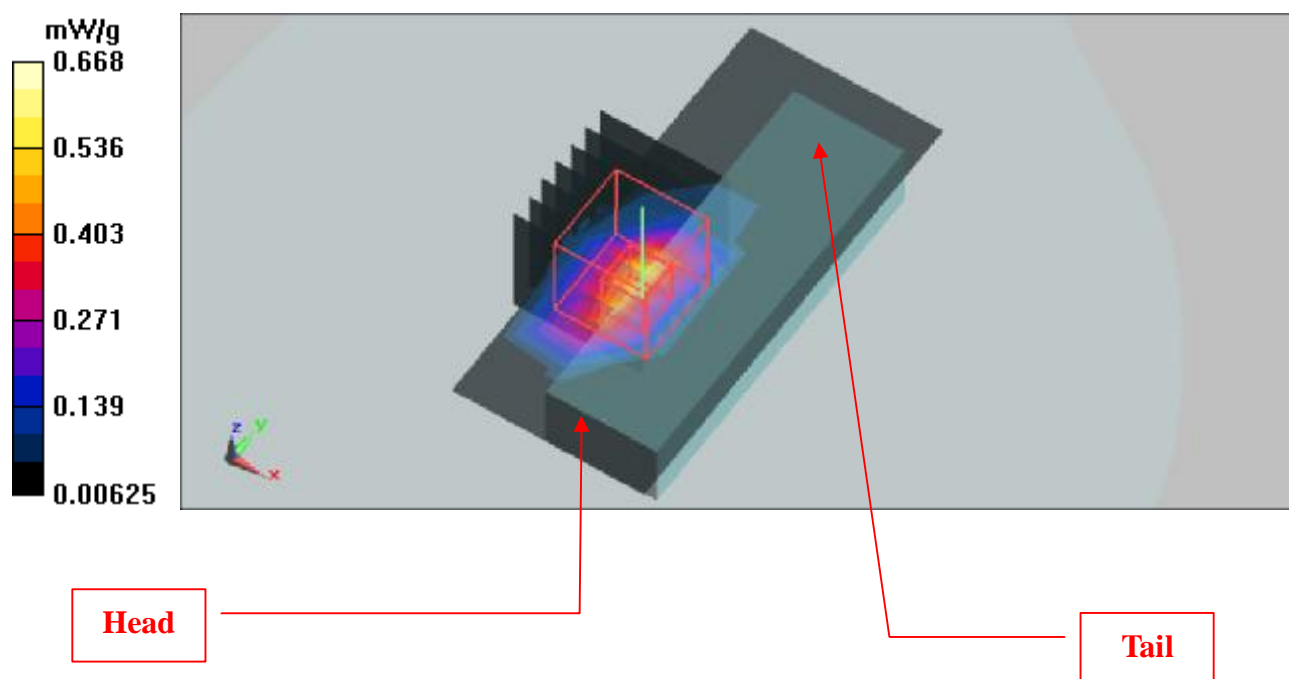
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.96 V/m

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11g-Ch6(front / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

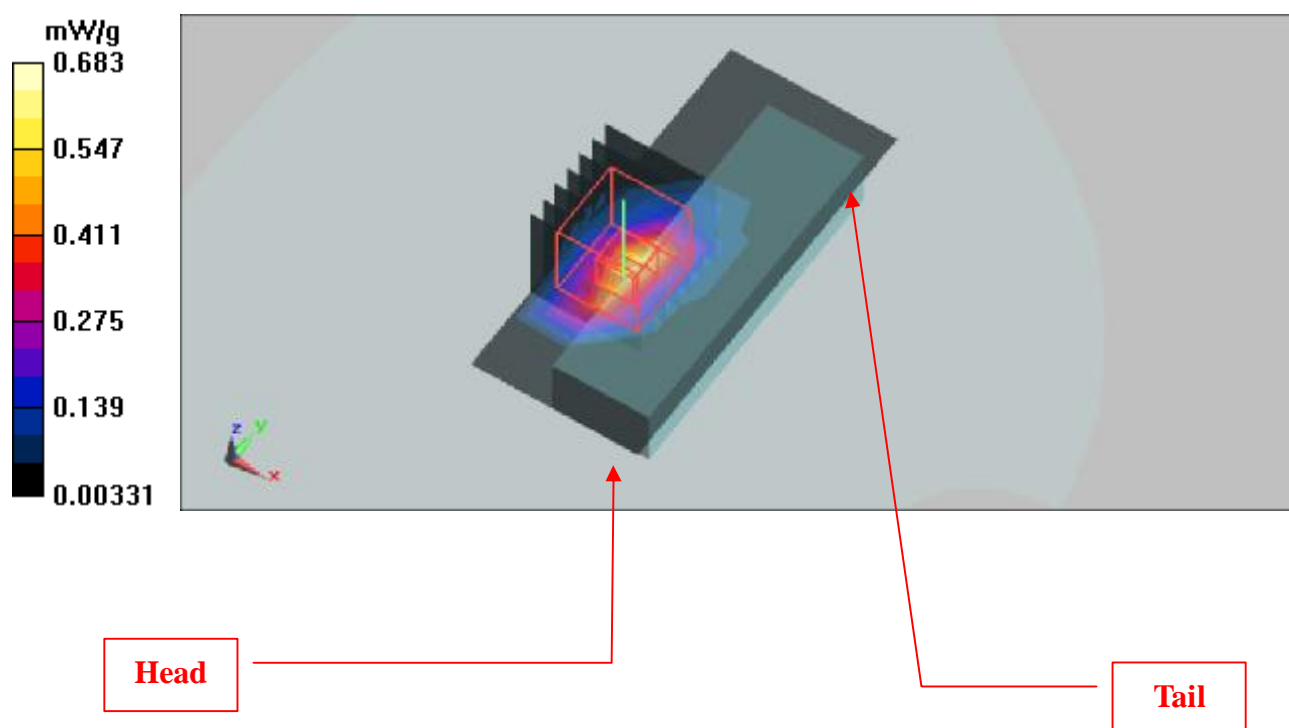
Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6 with styrofoam/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.605 mW/g

Mid Channel 6 with styrofoam/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.74 V/m
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.683 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11n 20M-Ch6(front / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n 20M ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

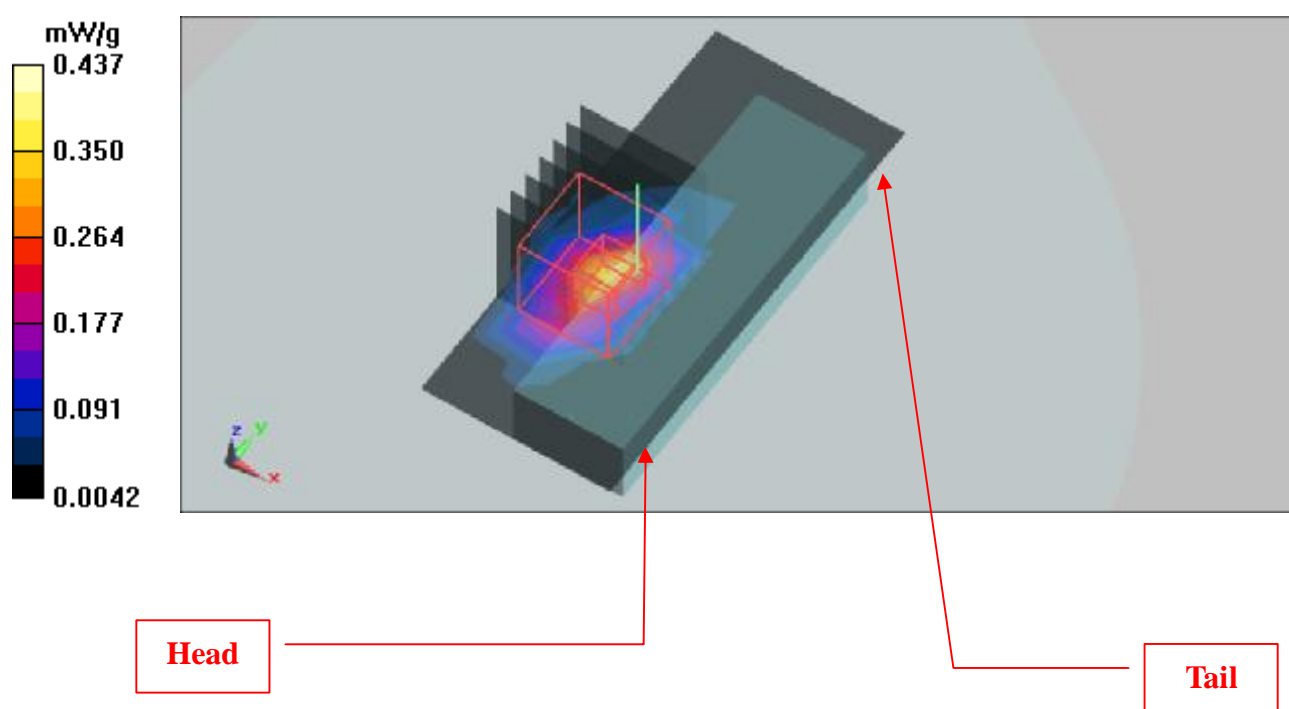
Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.384 mW/g**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.12 V/m

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



Test Laboratory: Bureau Veritas ADT

M04-11n 40M-Ch4(front / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

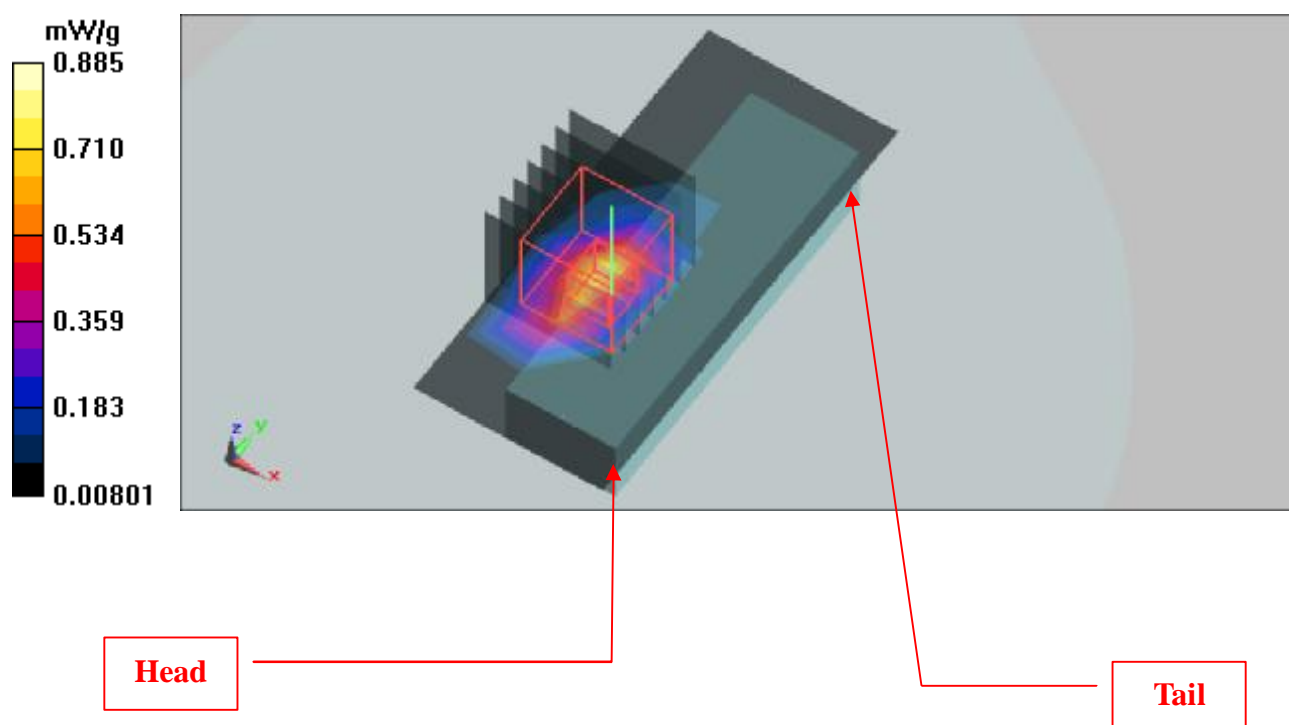
Mid Channel 4/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.775 mW/g**Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.75 V/m

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = **0.658** mW/g; SAR(10 g) = 0.259 mW/g

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



Test Laboratory: Bureau Veritas ADT

M05-11n 20M-Ch6(front / Ant-0 / 2Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n 20M ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.428 mW/g

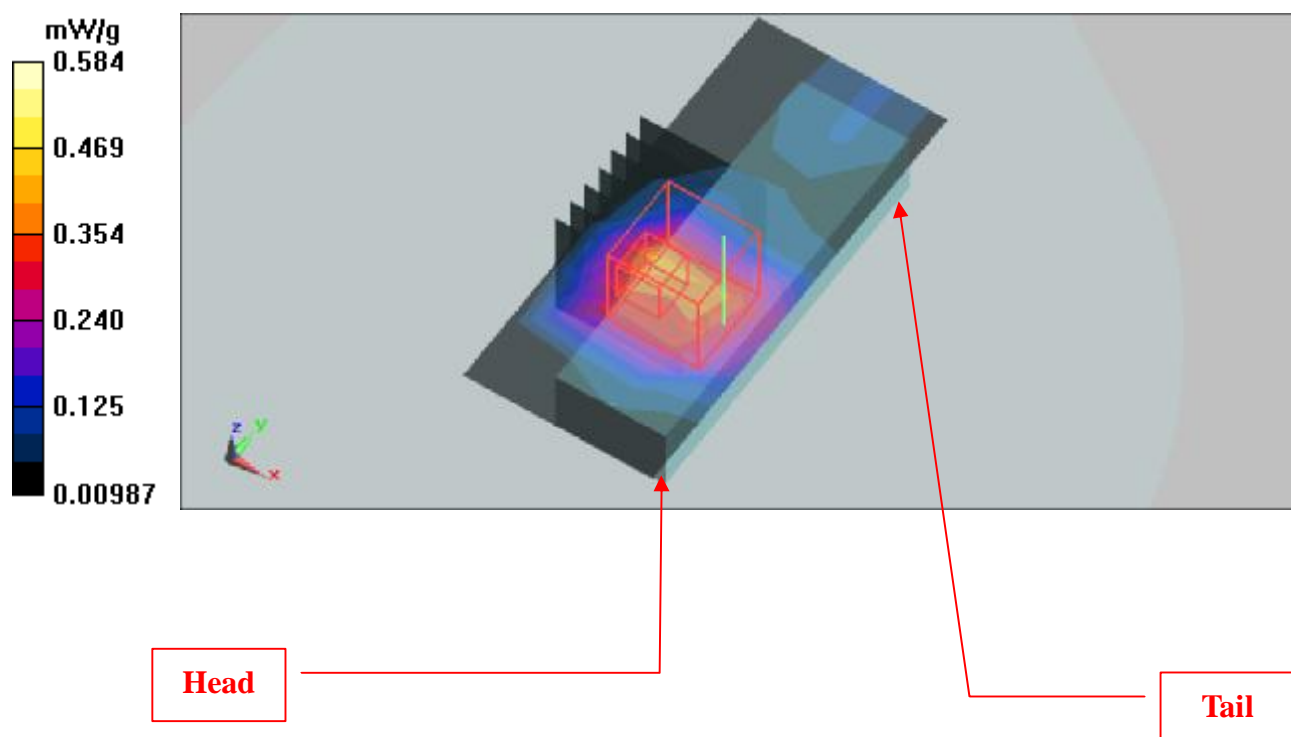
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.31 V/m

Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



Test Laboratory: Bureau Veritas ADT

M06-11n 40M-Ch4(front / Ant-0 / 2Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.456 mW/g

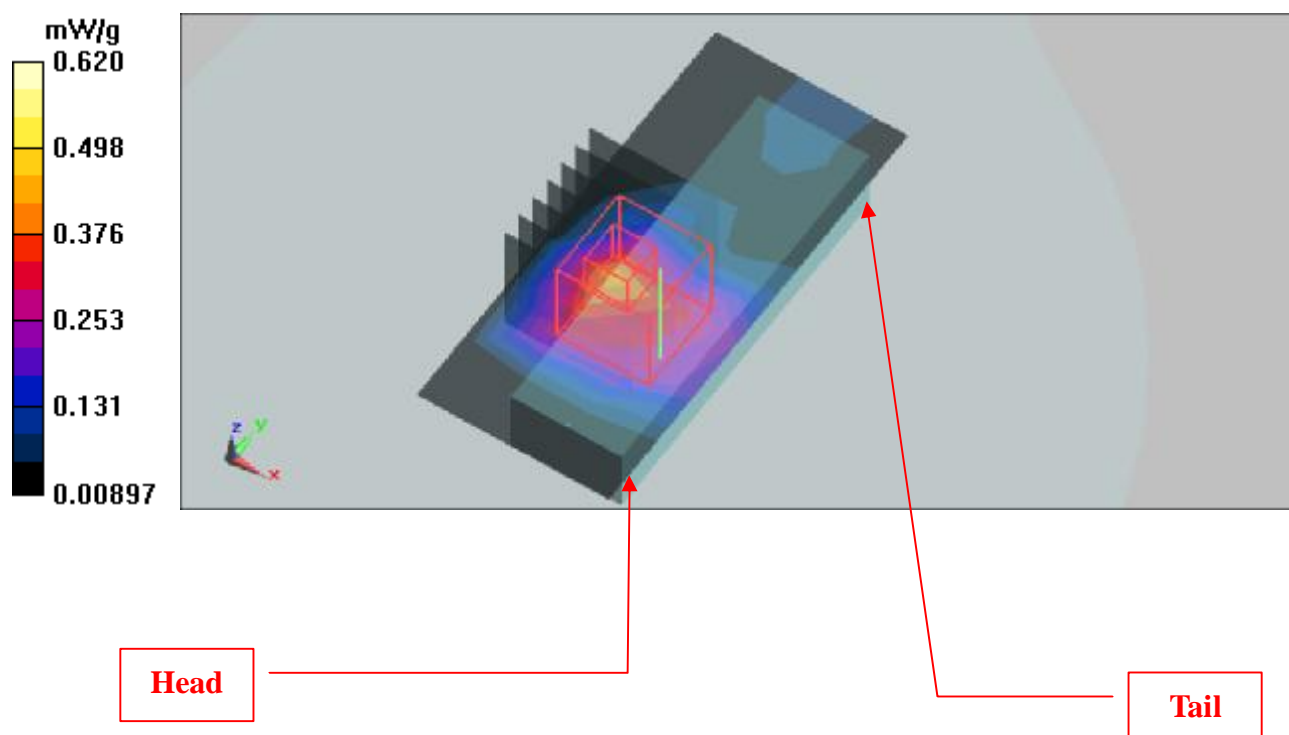
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.80 V/m

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.620 mW/g



Test Laboratory: Bureau Veritas ADT

M07-11b-Ch6(front / Ant-180 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
 Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.326 mW/g

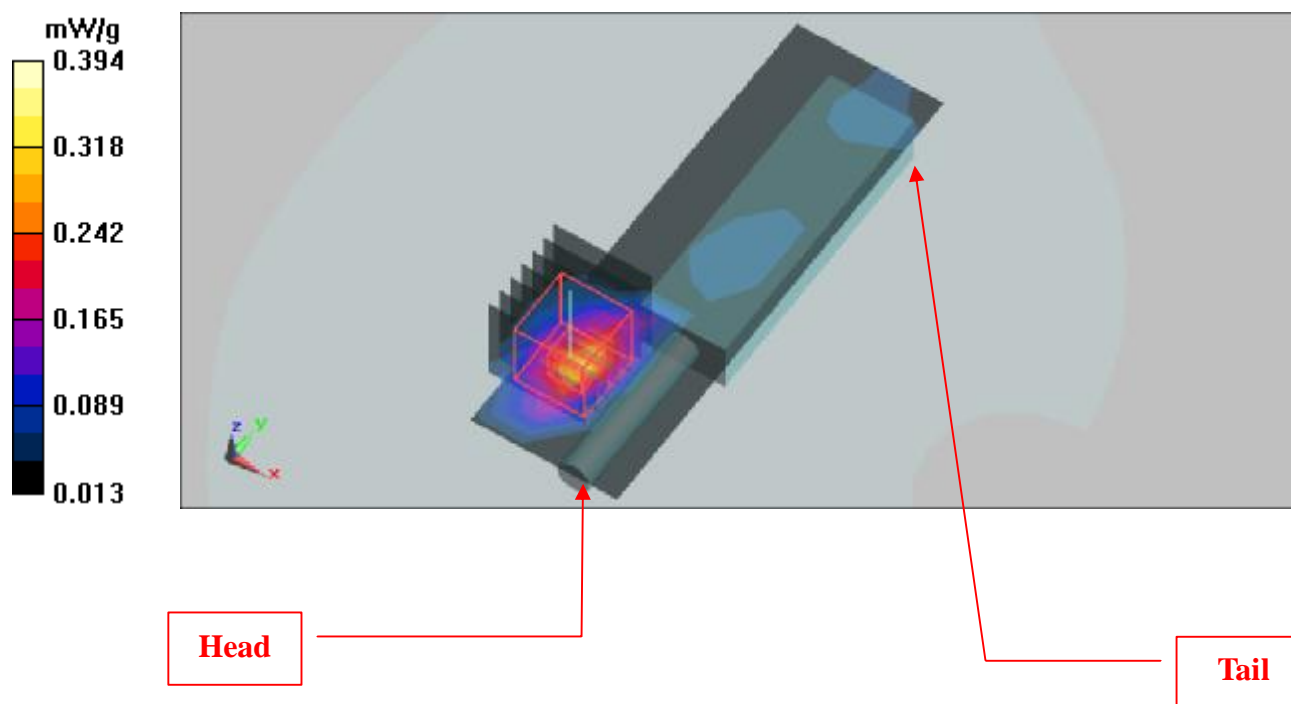
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.91 V/m

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11g-Ch6(front / Ant-180 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.285 mW/g

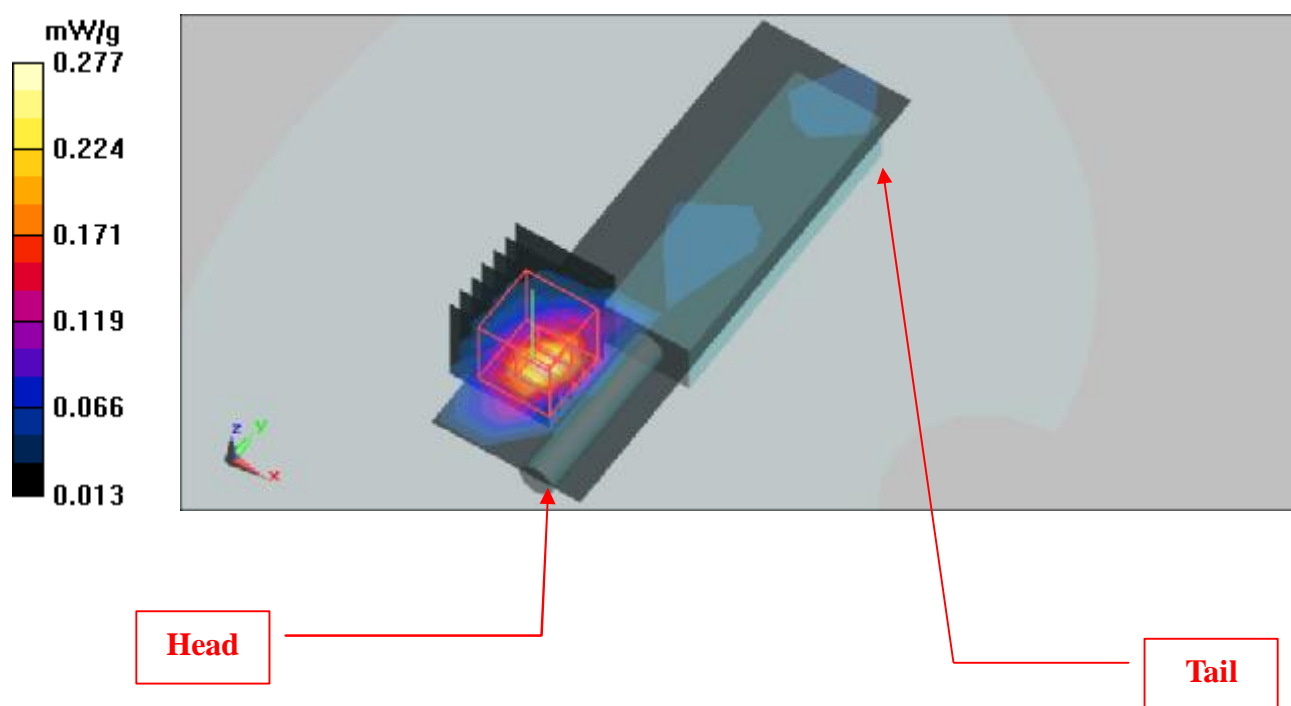
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.66 V/m

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.277 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11n 20M-Ch6(front / Ant-180 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n 20M ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.195 mW/g

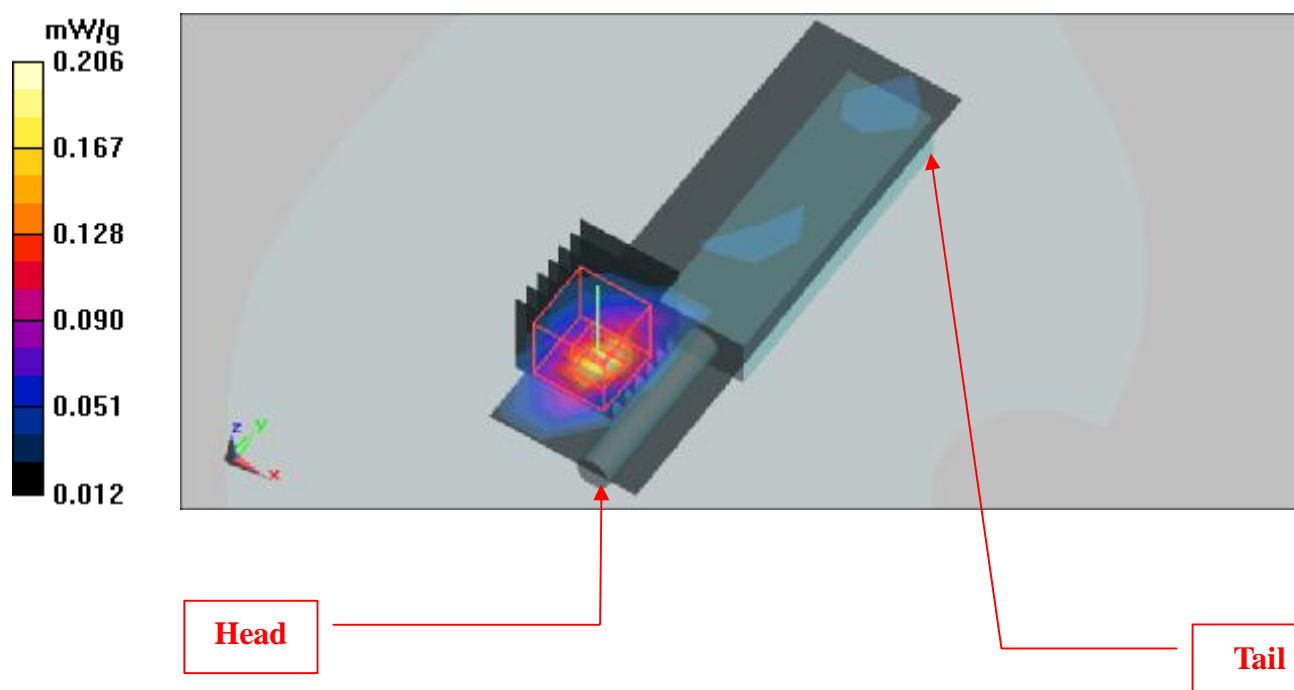
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.26 V/m

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.084 mW/g

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



Test Laboratory: Bureau Veritas ADT

M10-11n 40M-Ch4(front / Ant-180 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.242 mW/g

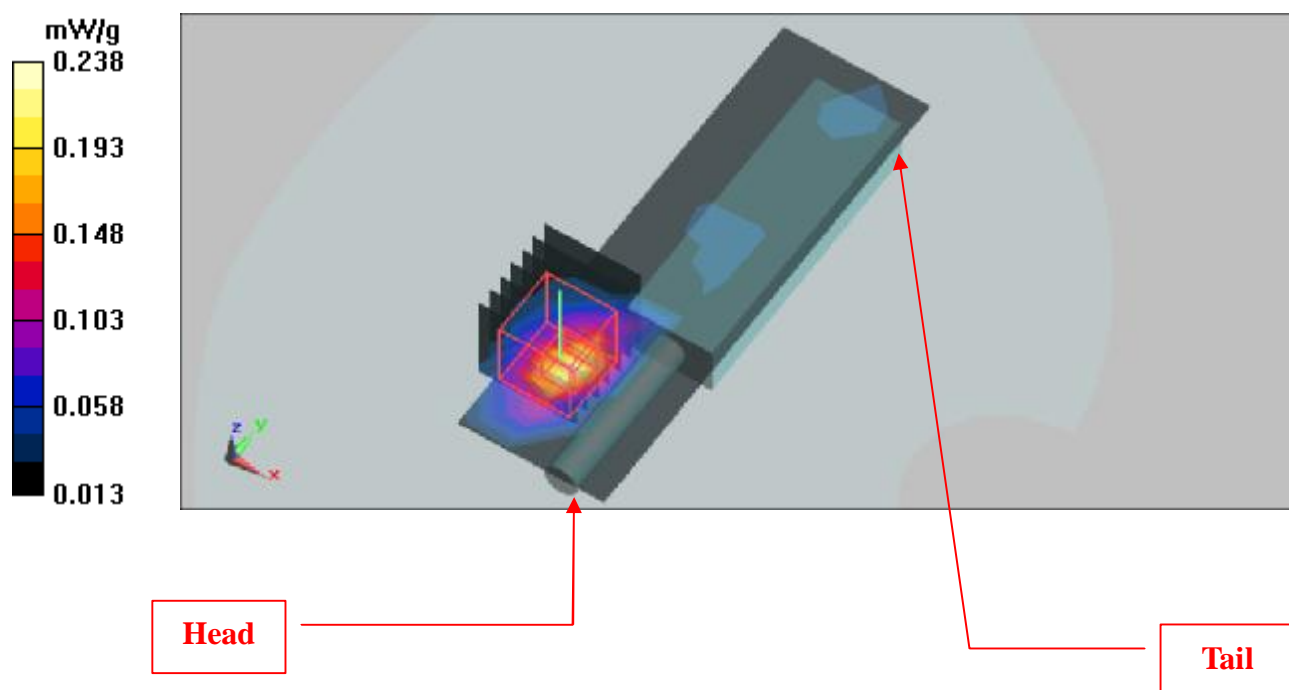
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.44 V/m

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



Test Laboratory: Bureau Veritas ADT

M11-11n 20M-Ch6(front / Ant-180 / 2Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n 20M ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.164 mW/g

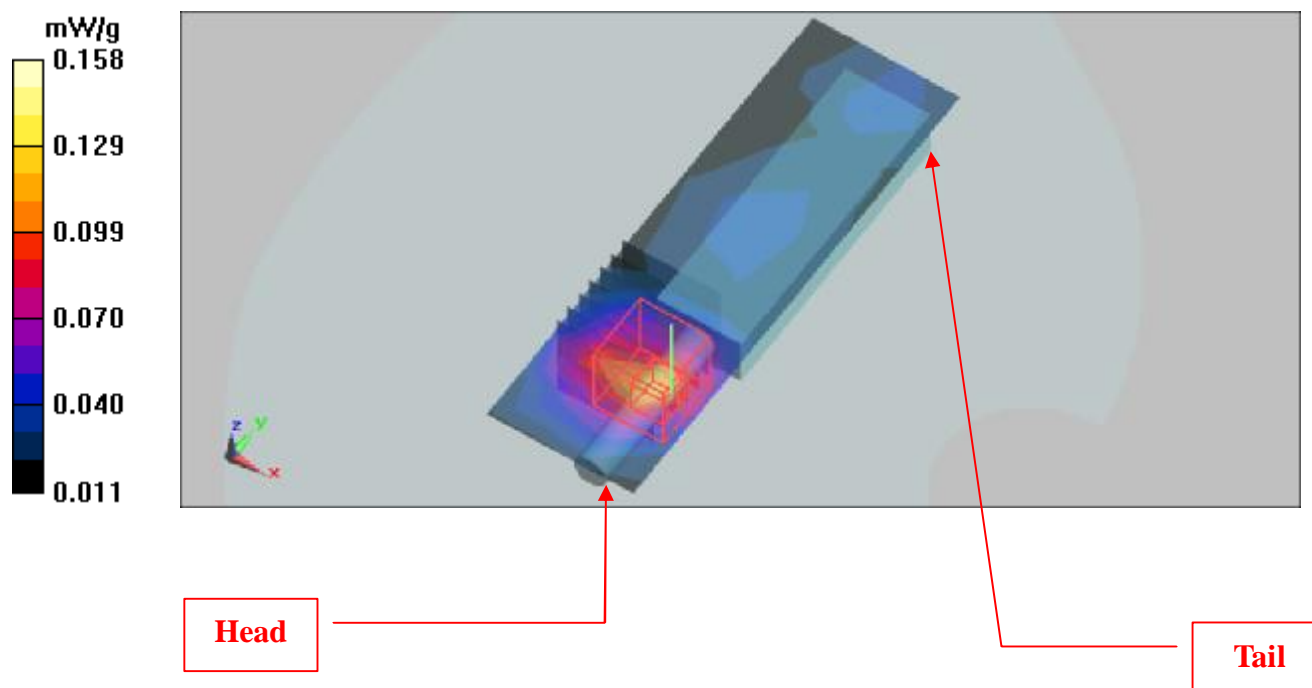
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.81 V/m

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



Test Laboratory: Bureau Veritas ADT

M12-11n 40M-Ch4(front / Ant-180 / 2Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.155 mW/g

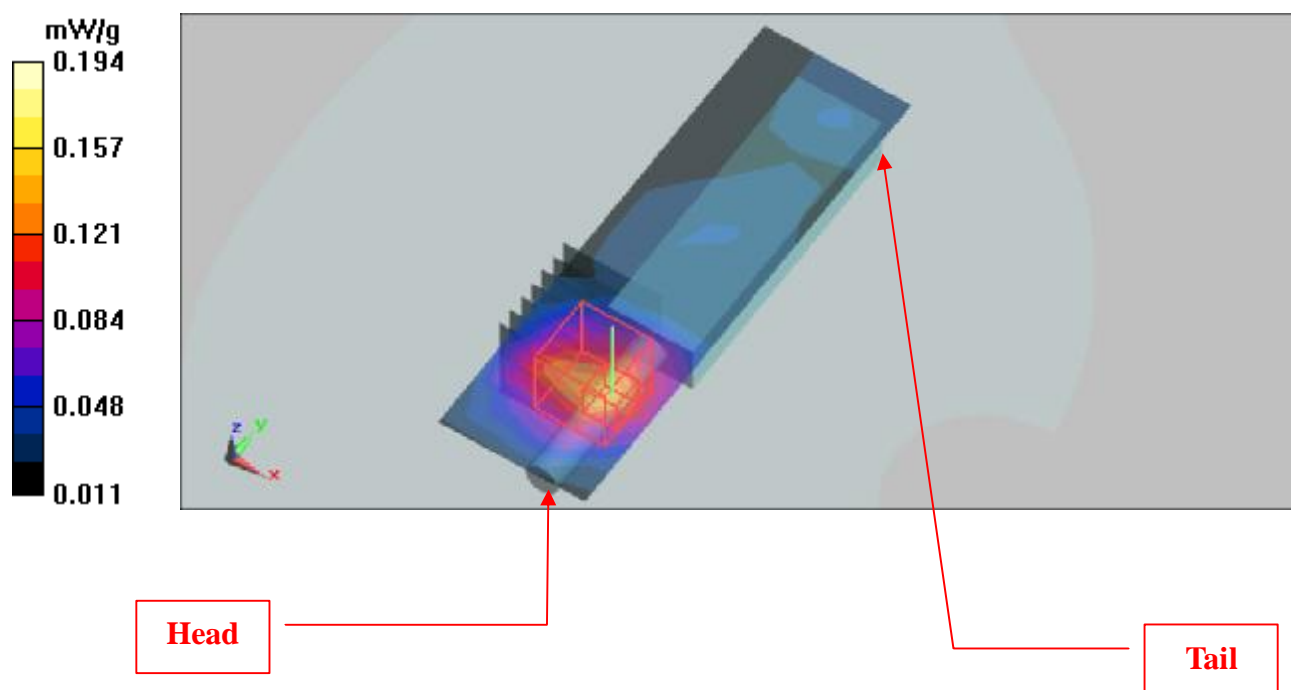
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.34 V/m

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



Test Laboratory: Bureau Veritas ADT

M13-11b-Ch6(Edge-L / Ant-0 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.111 mW/g

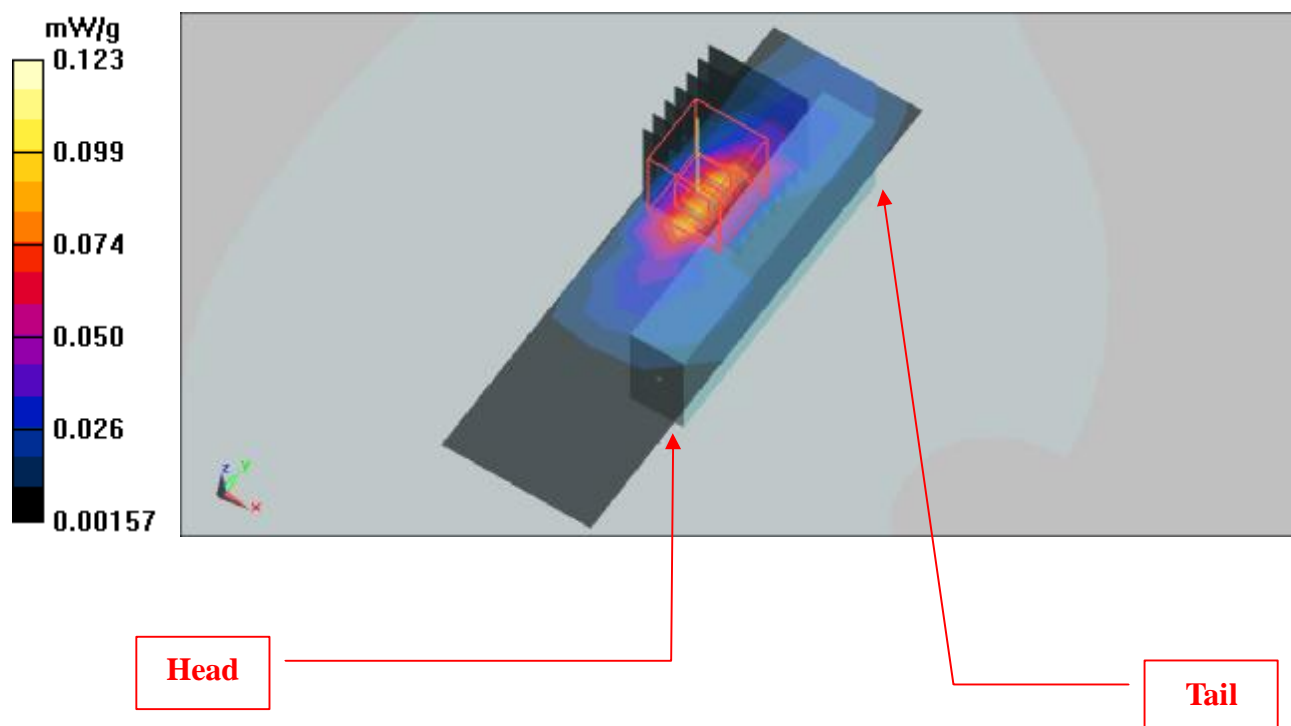
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.02 V/m

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



Test Laboratory: Bureau Veritas ADT

M14-11g-Ch6(Edge-L / Ant-0 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.153 mW/g

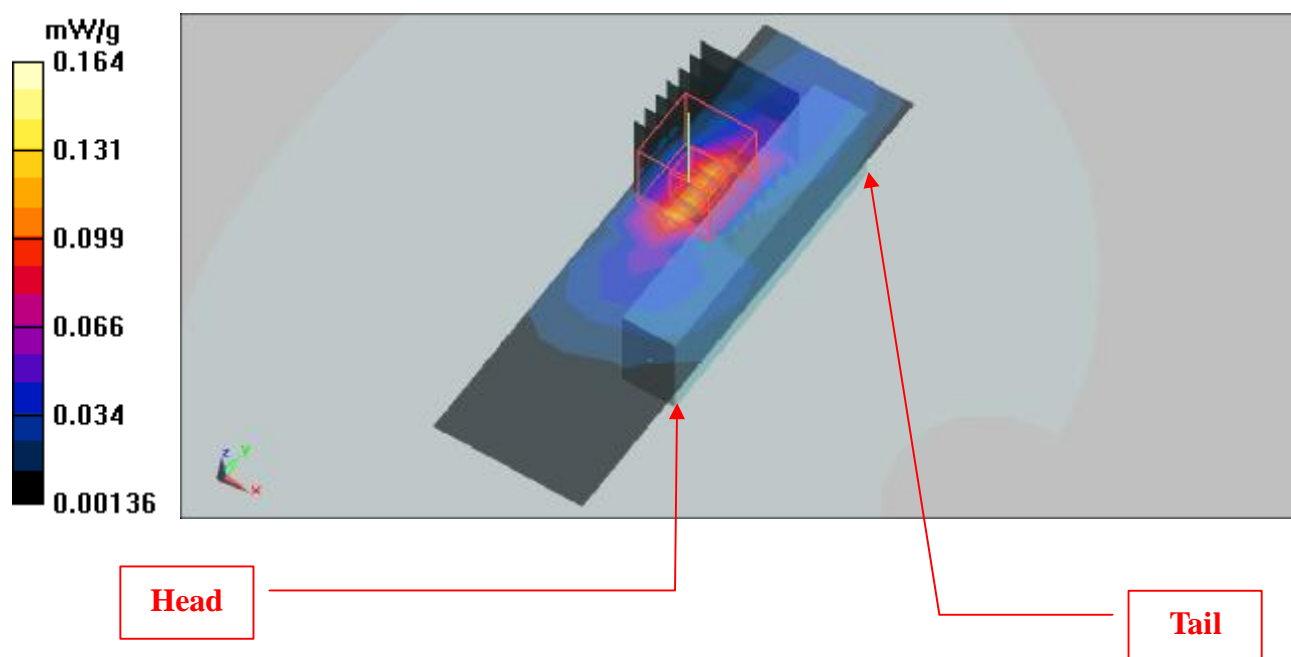
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.08 V/m

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



Test Laboratory: Bureau Veritas ADT

M15-11n 20M-Ch6(Edge-L / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

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

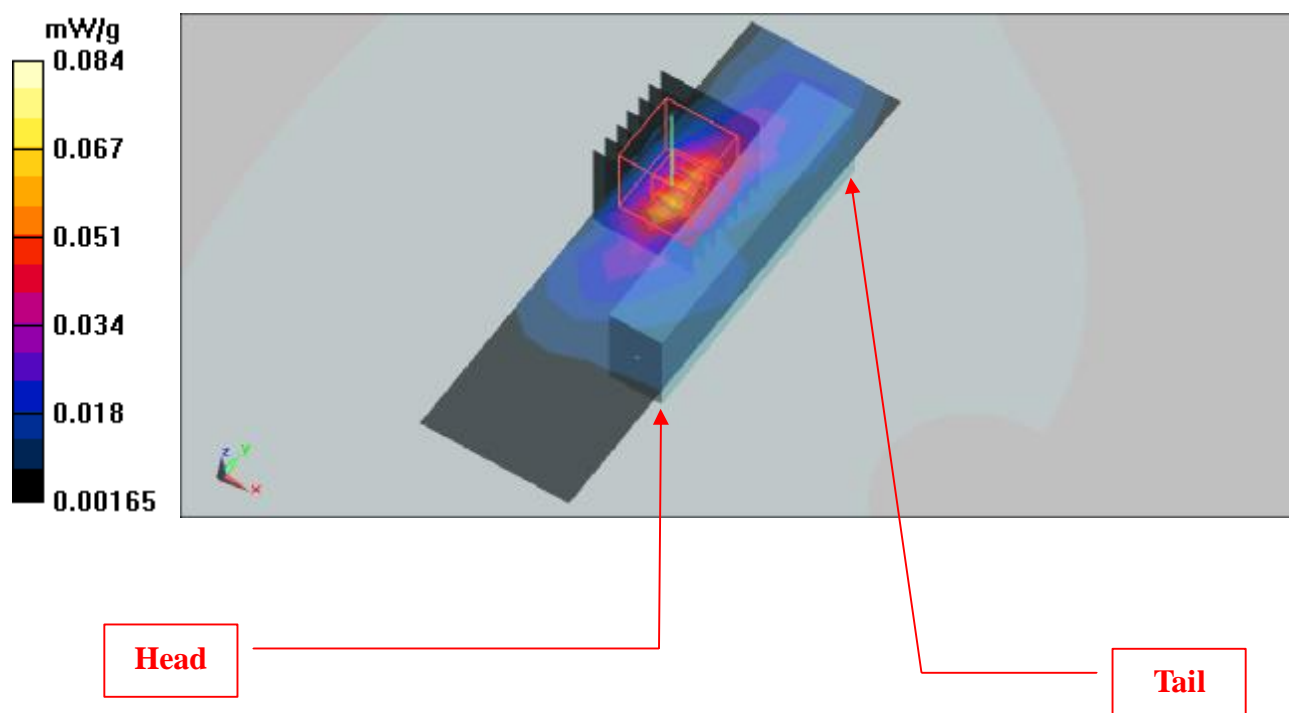
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.67 V/m

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.026 mW/g

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



Test Laboratory: Bureau Veritas ADT

M16-11n 40M-Ch4(Edge-L / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

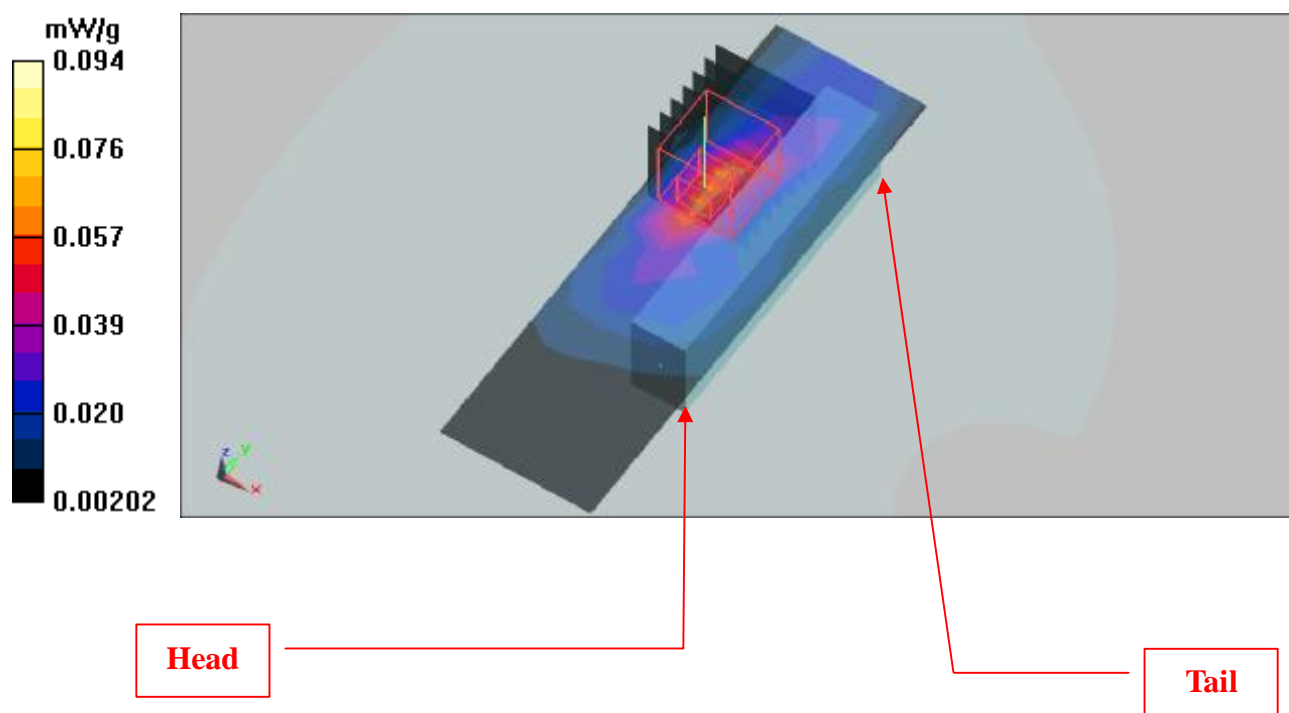
Mid Channel 4/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.084 mW/g**Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.16 V/m

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.027 mW/g

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



Test Laboratory: Bureau Veritas ADT

M17-11n 20M-Ch6(Edge-L / Ant-0 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.473 mW/g

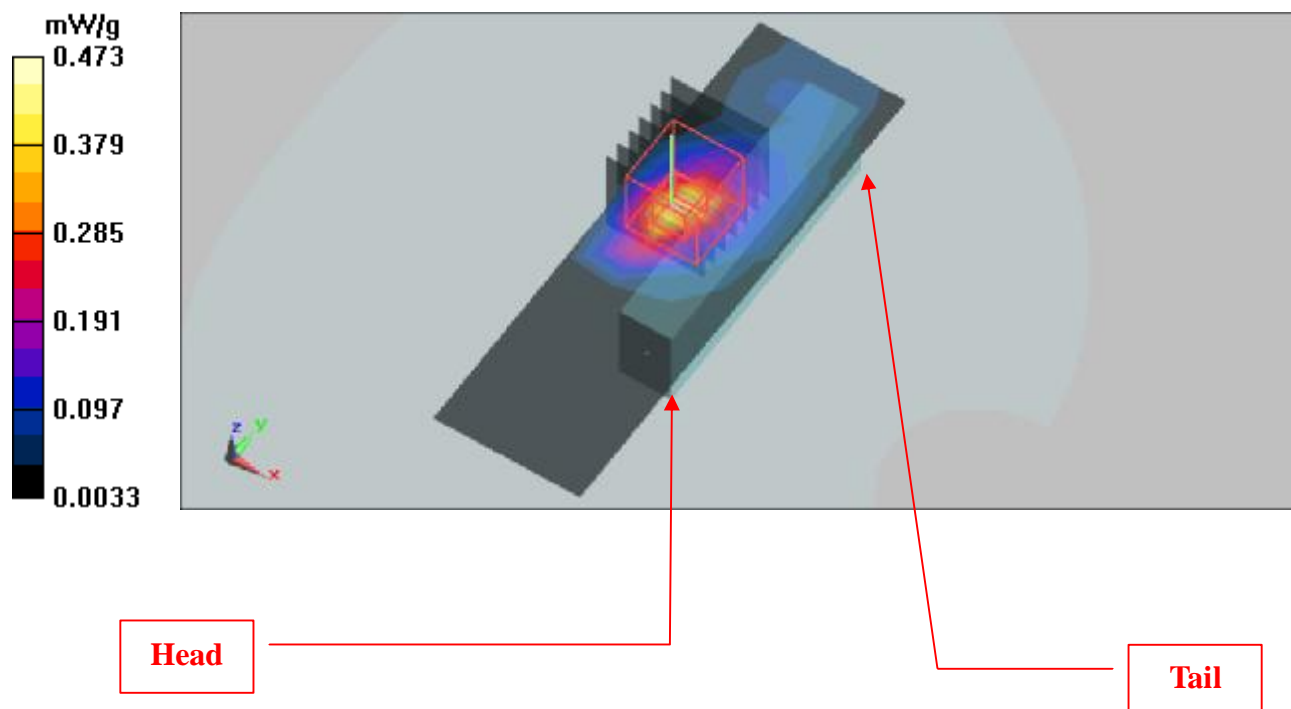
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.92 V/m

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.450 mW/g



Test Laboratory: Bureau Veritas ADT

M18-11n 40M-Ch6(Edge-L / Ant-0 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.426 mW/g

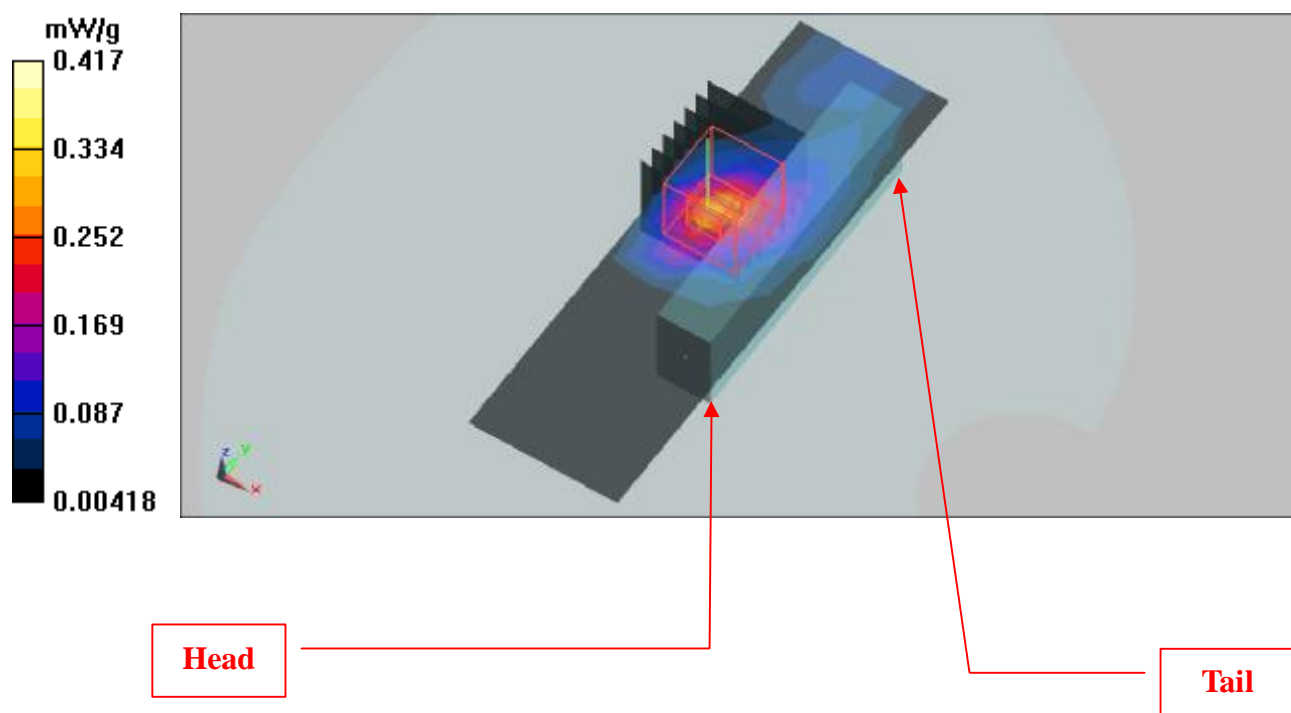
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.18 V/m

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



Test Laboratory: Bureau Veritas ADT

M19-11b-Ch6(Edge-L / Ant-90 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

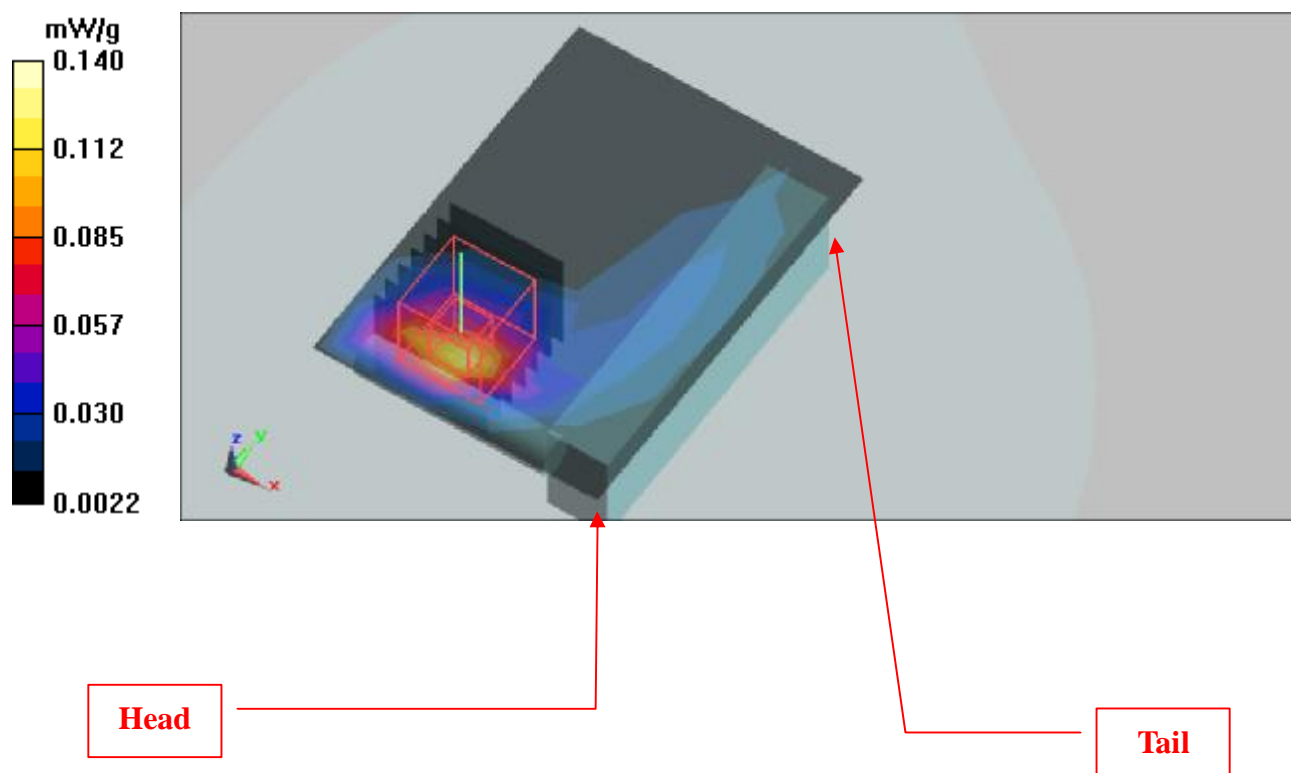
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.73 V/m

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.140 mW/g



Test Laboratory: Bureau Veritas ADT

M20-11g-Ch6(Edge-L / Ant-90 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.098 mW/g

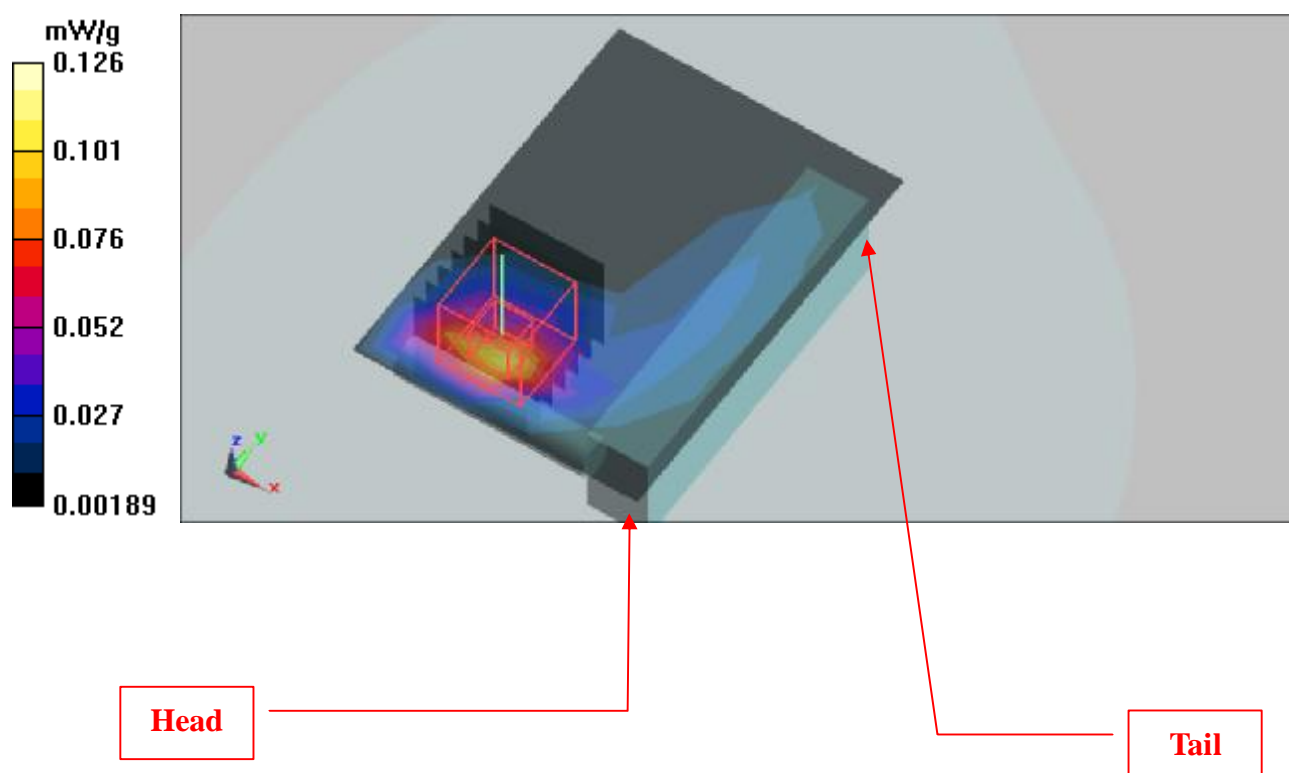
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.38 V/m

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



Test Laboratory: Bureau Veritas ADT

M21-11n 20M-Ch6(Edge-L / Ant-90 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.067 mW/g

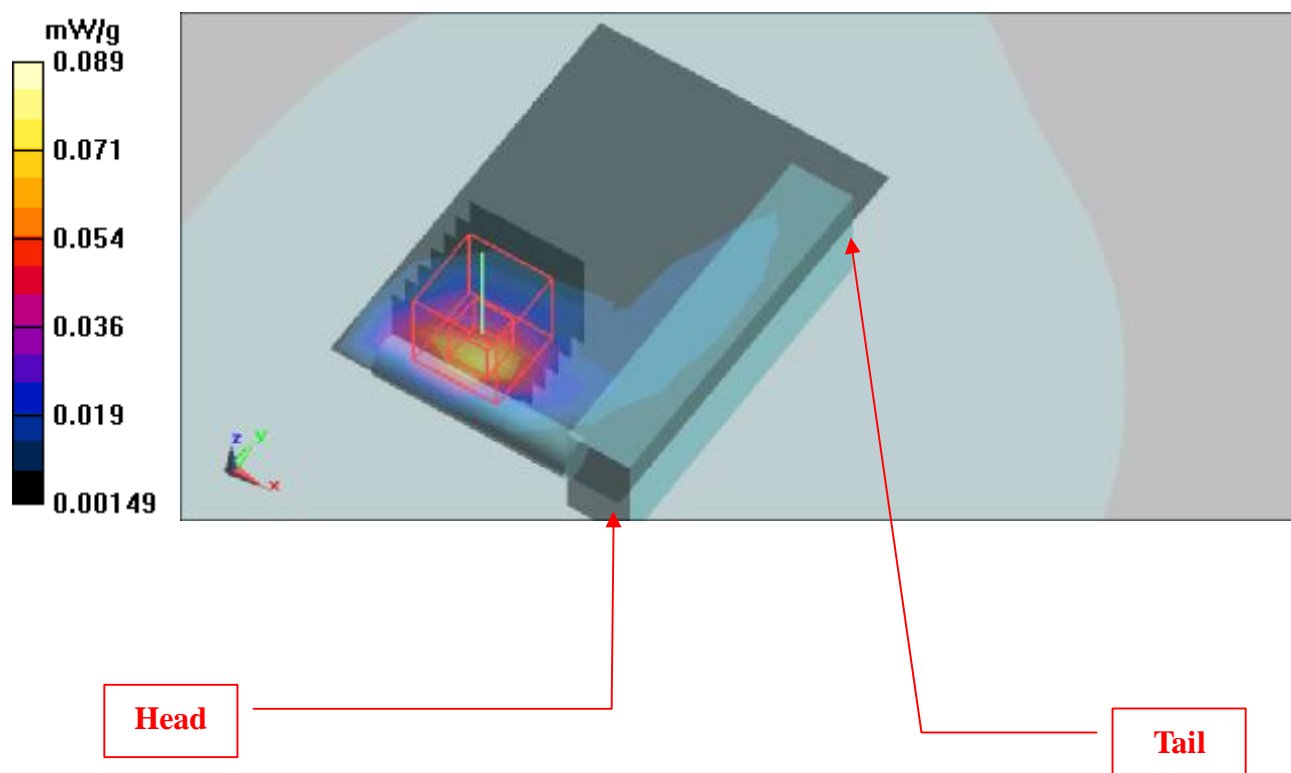
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.65 V/m

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.089 mW/g



Test Laboratory: Bureau Veritas ADT

M22-11n 40M-Ch4(Edge-L / Ant-90 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.065 mW/g

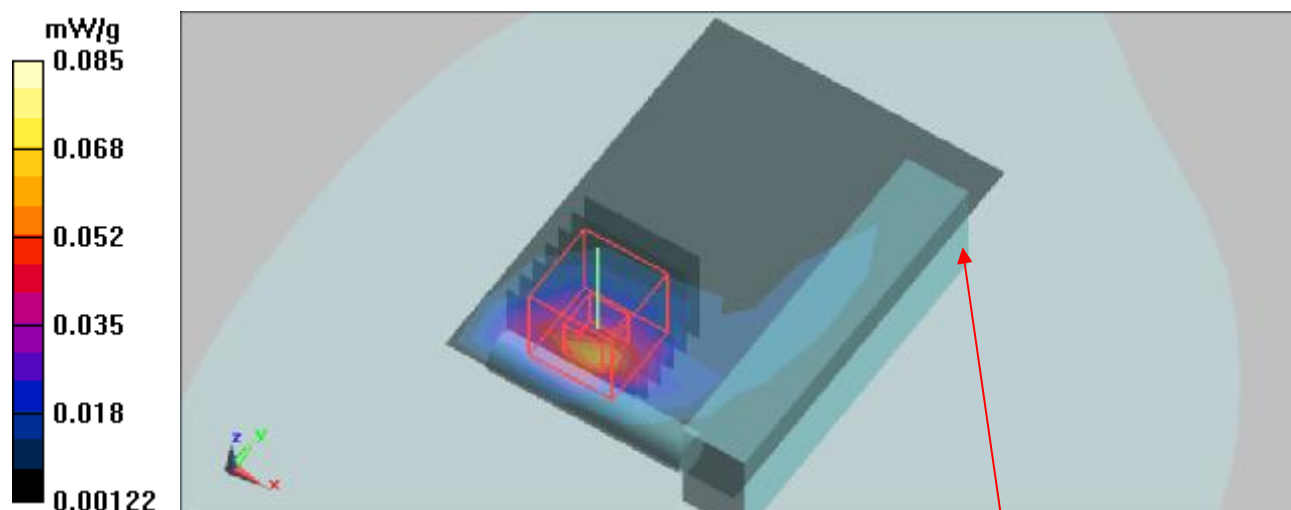
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.83 V/m;

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



Head

Tail

Test Laboratory: Bureau Veritas ADT

M23-11n 20M-Ch6(Edge-L / Ant-90 / 2Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.629 mW/g

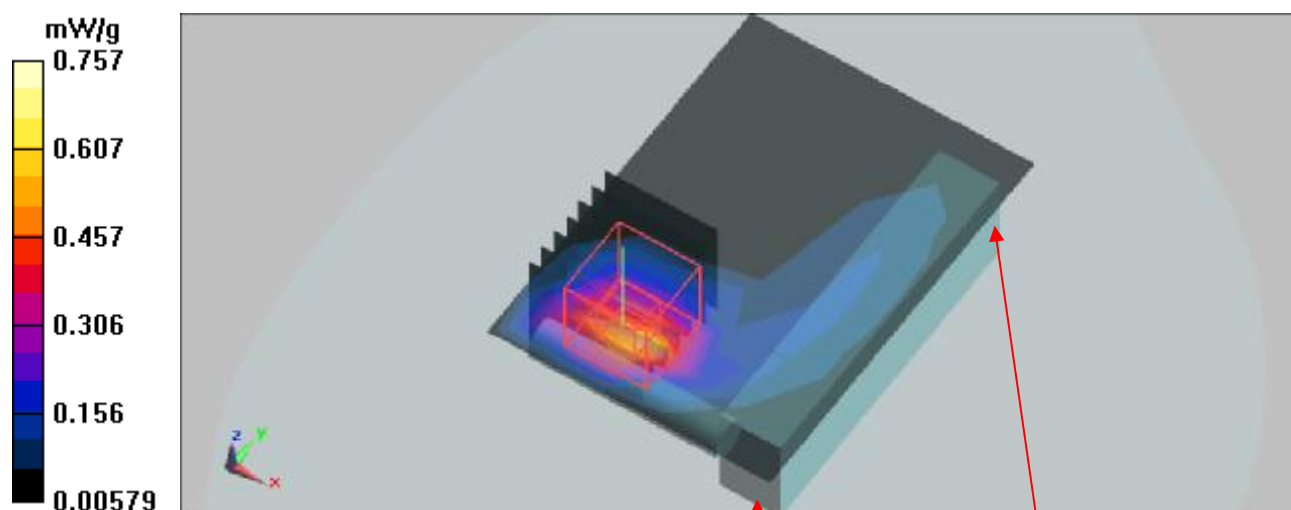
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.39 V/m

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.757 mW/g

**Head****Tail**

Test Laboratory: Bureau Veritas ADT

M24-11n 40M-Ch4(Edge-L / Ant-90 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.666 mW/g

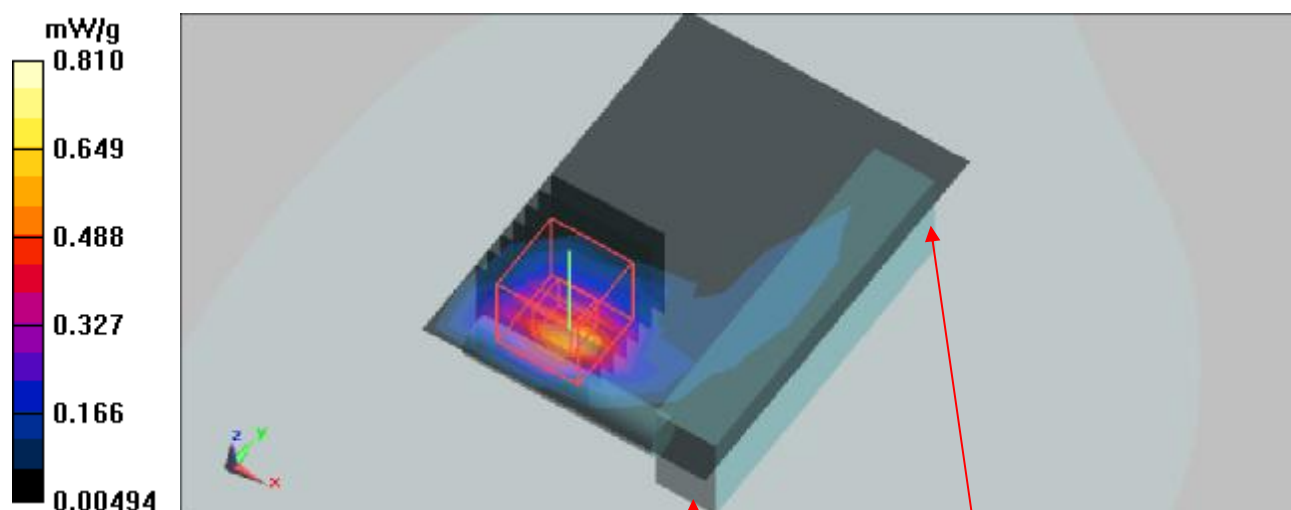
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.98 V/m

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.810 mW/g



Head

Tail

Test Laboratory: Bureau Veritas ADT

M25-11b-Ch6(Edge-L / Ant-180 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.133 mW/g

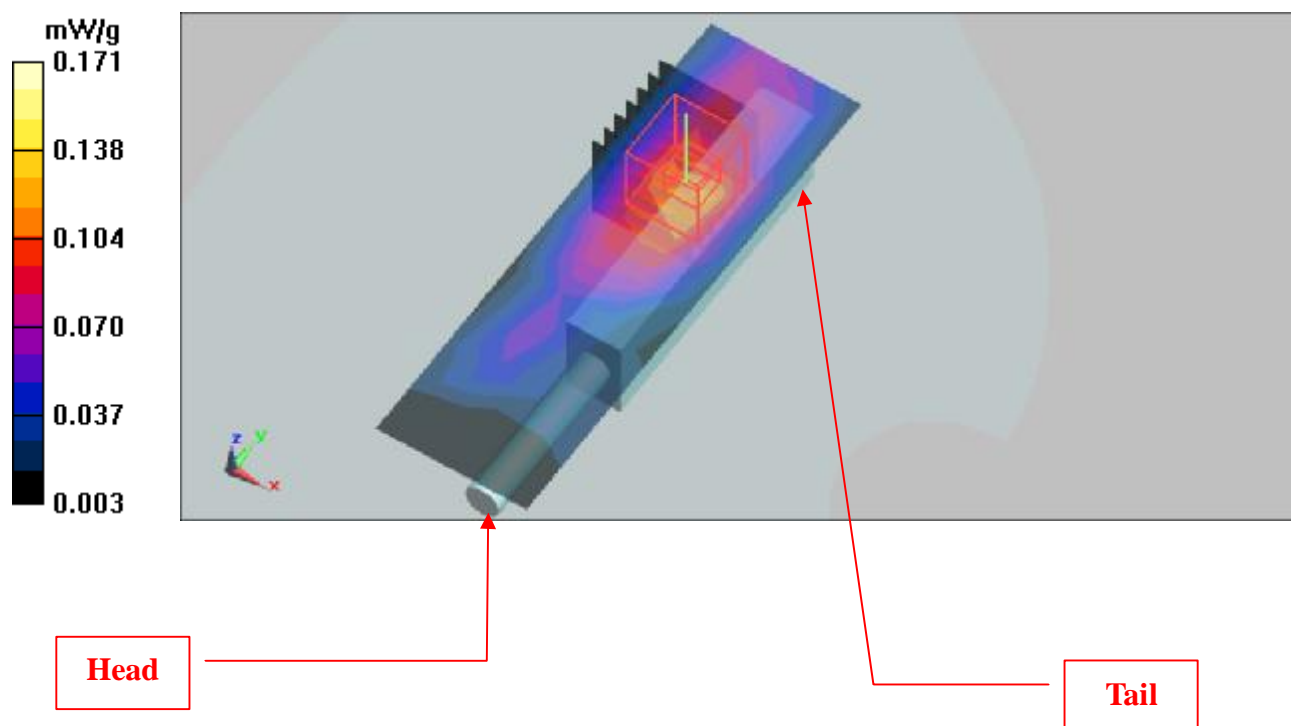
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.94 V/m

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.171 mW/g



Test Laboratory: Bureau Veritas ADT

M26-11g-Ch6(Edge-L / Ant-180 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.091 mW/g

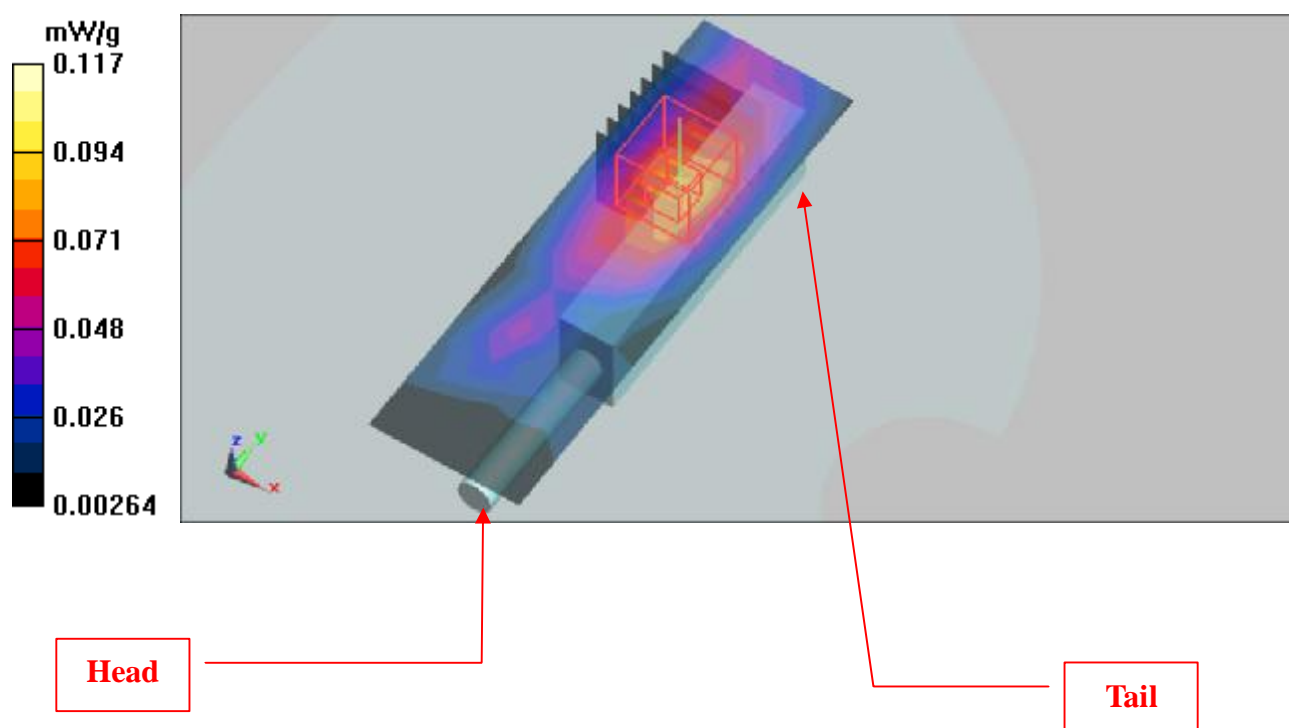
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.9 V/m

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



Test Laboratory: Bureau Veritas ADT

M27-11n 20M-Ch6(Edge-L / Ant-180 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.063 mW/g

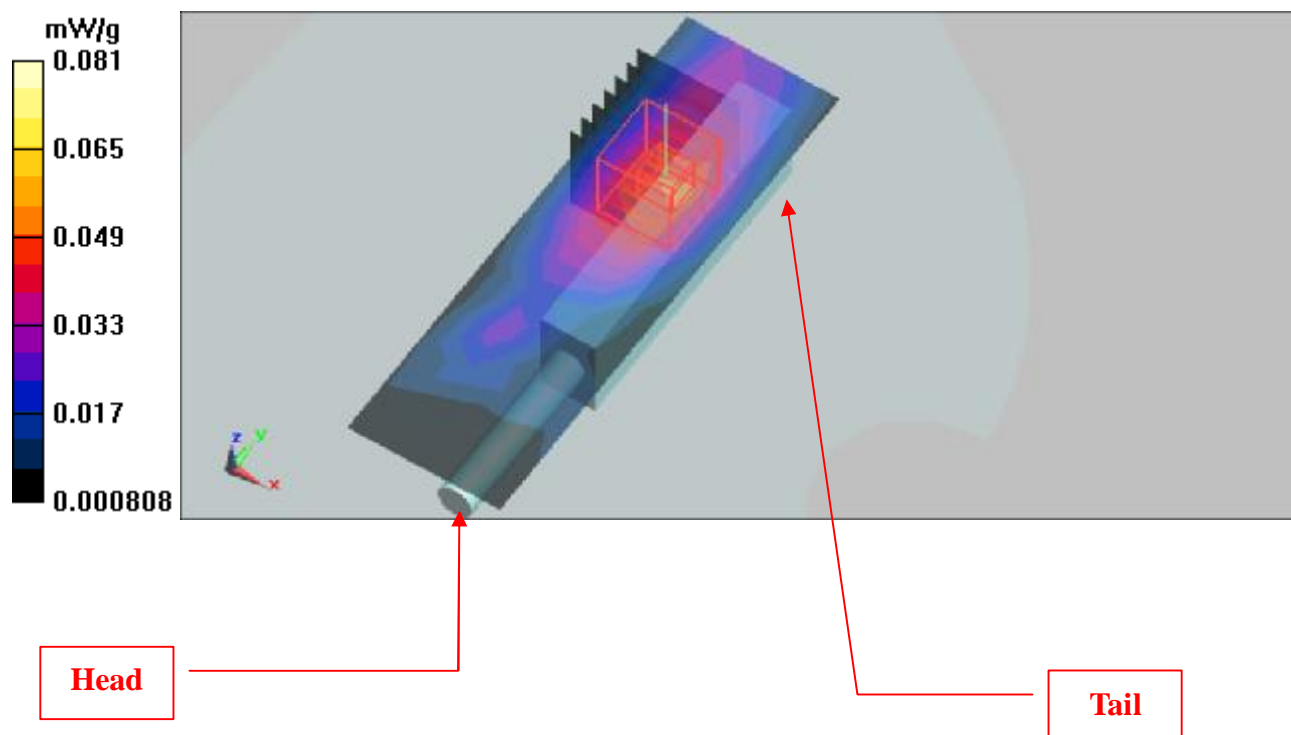
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.1 V/m

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.038 mW/g

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



Test Laboratory: Bureau Veritas ADT

M28-11n 40M-Ch4(Edge-L / Ant-180 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.079 mW/g

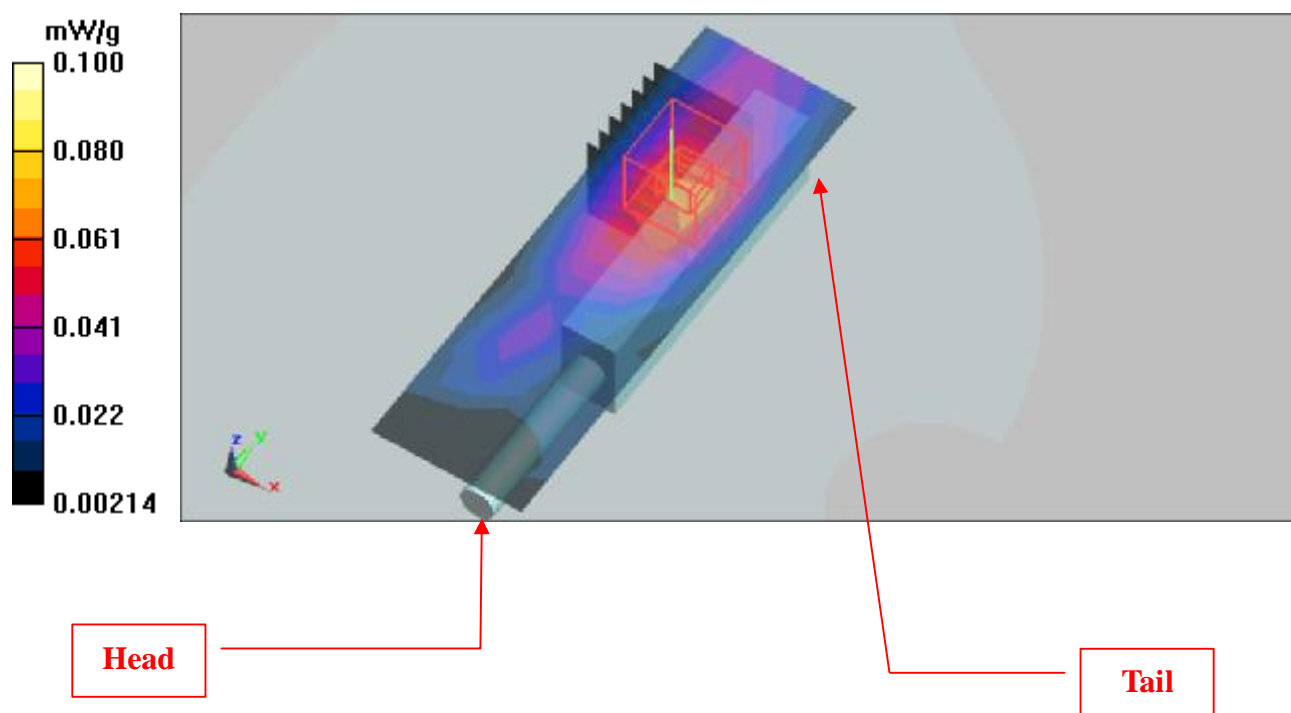
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.63 V/m

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.100 mW/g



Test Laboratory: Bureau Veritas ADT

M29-11n 20M-Ch6(Edge-L / Ant-180 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

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

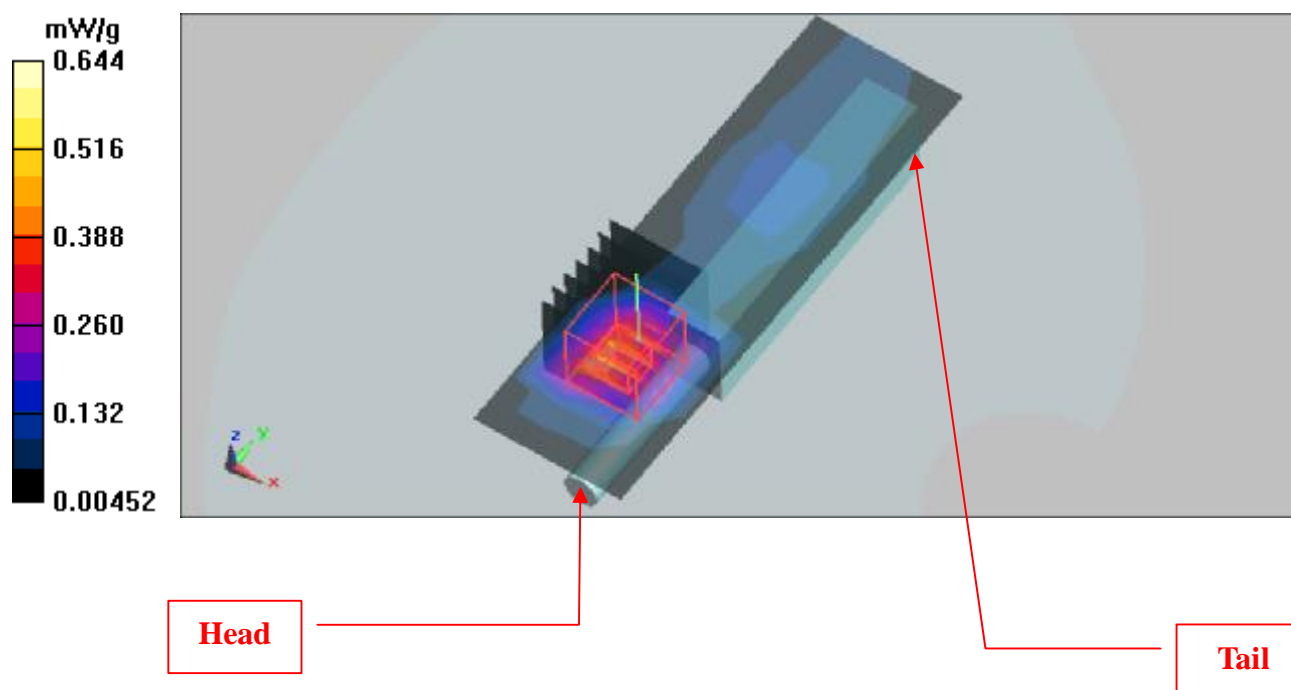
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.98 V/m

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.644 mW/g



Test Laboratory: Bureau Veritas ADT

M30-11n 40M-Ch4(Edge-L / Ant-180 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.465 mW/g

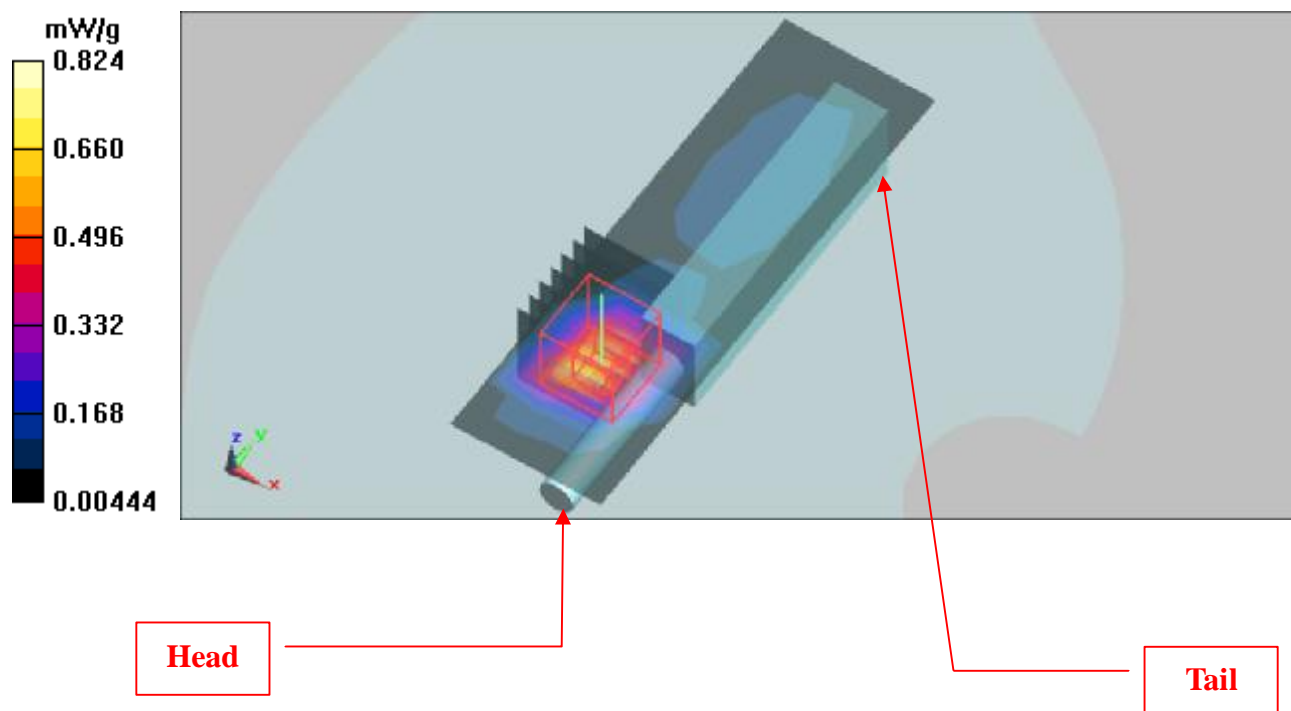
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.5 V/m

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



Test Laboratory: Bureau Veritas ADT

M31-11b-Ch6(Bottom / Ant-0 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
 Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.245 mW/g

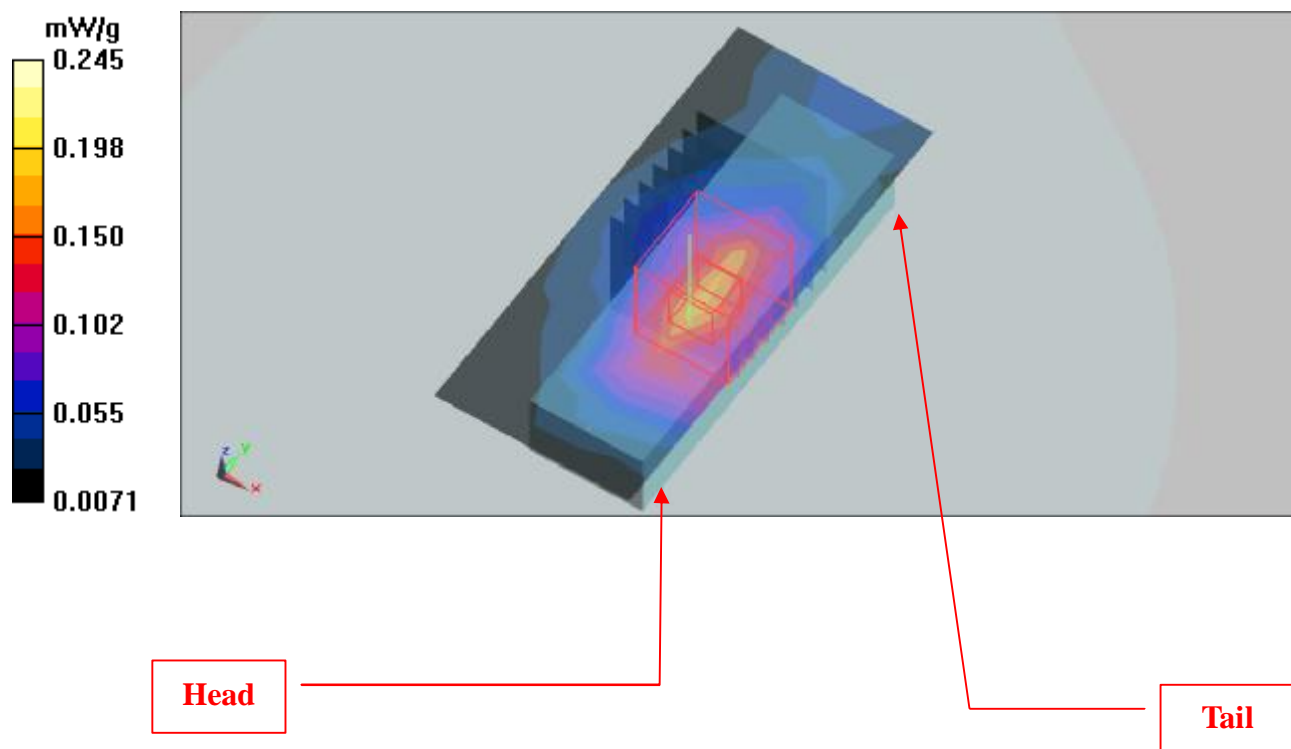
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.84 V/m

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



Test Laboratory: Bureau Veritas ADT

M32-11g-Ch6(Bottom / Ant-0 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

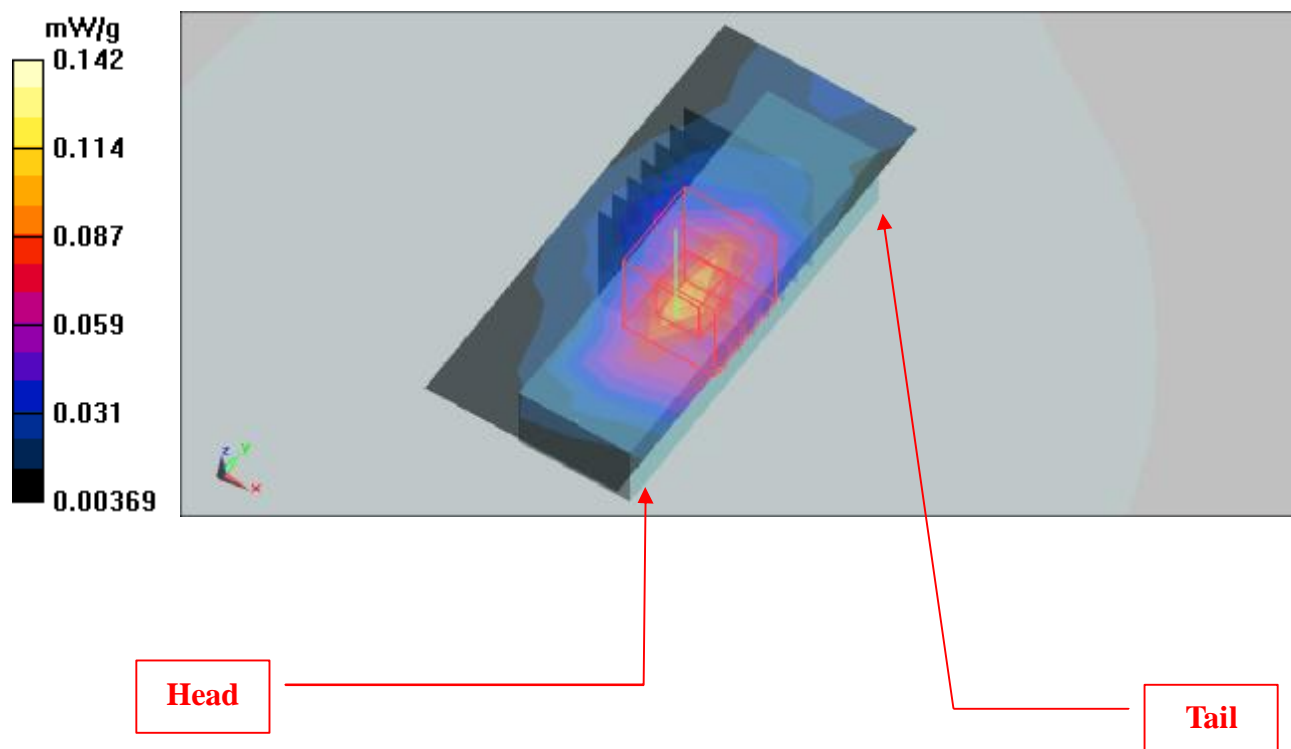
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.84 V/m

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.142 mW/g



Test Laboratory: Bureau Veritas ADT

M33-11n 20M-Ch6(Bottom / Ant-0 / 1Tx)**DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.117 mW/g

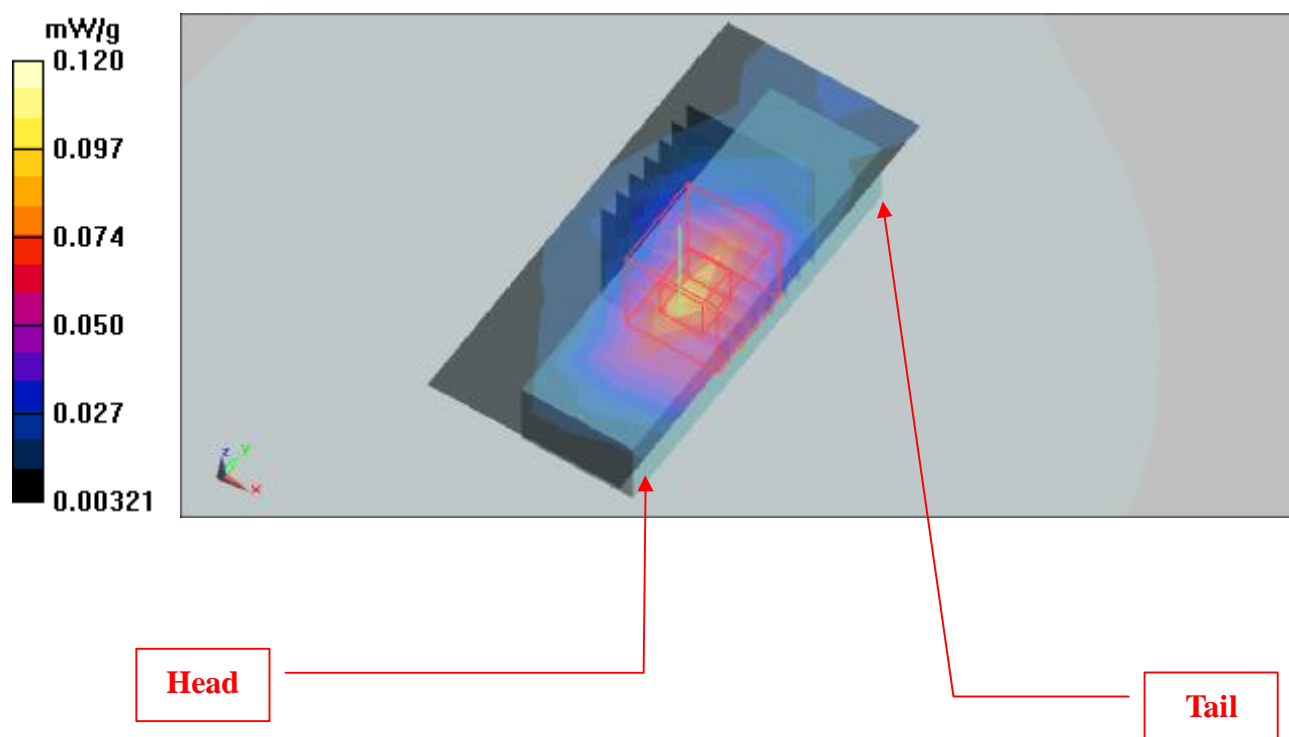
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.32 V/m

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



Test Laboratory: Bureau Veritas ADT

M34-11n 40M-Ch4(Bottom / Ant-0 / 1Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.152 mW/g

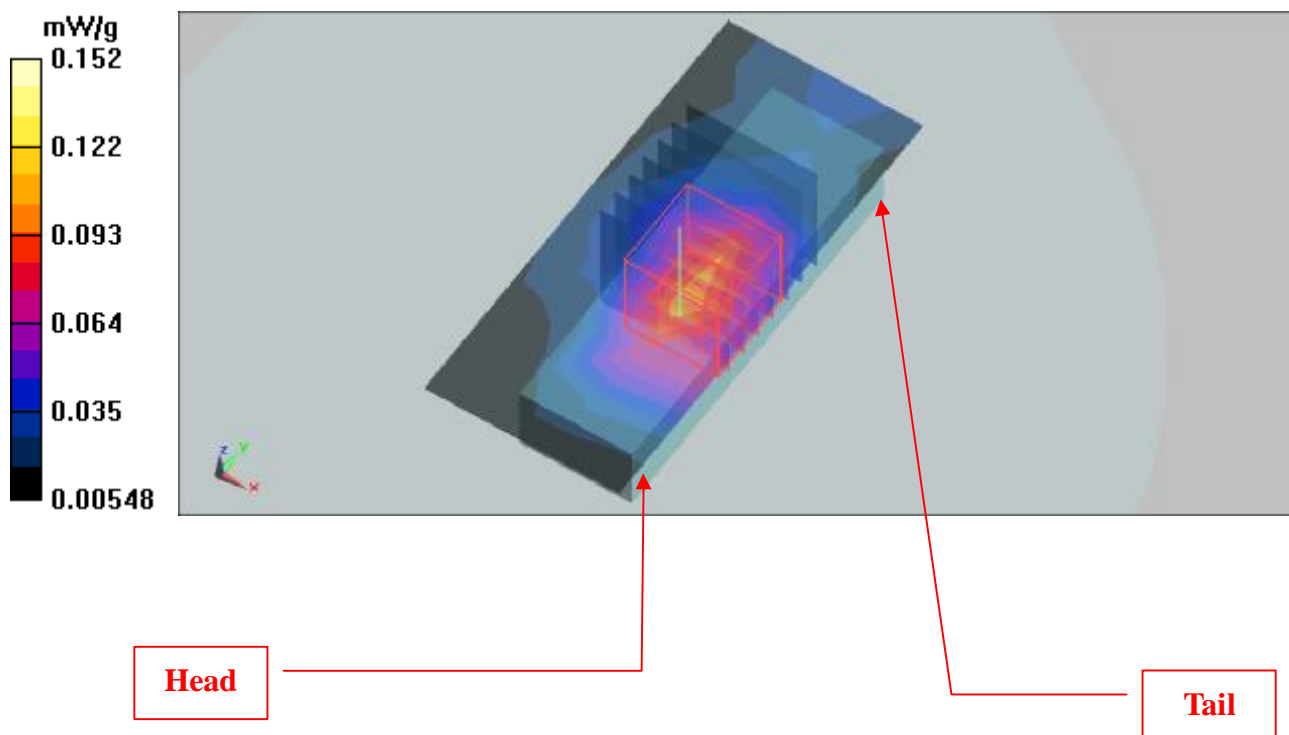
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.13 V/m

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



Test Laboratory: Bureau Veritas ADT

M35-11n 20M-Ch6(Bottom / Ant-0 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.186 mW/g

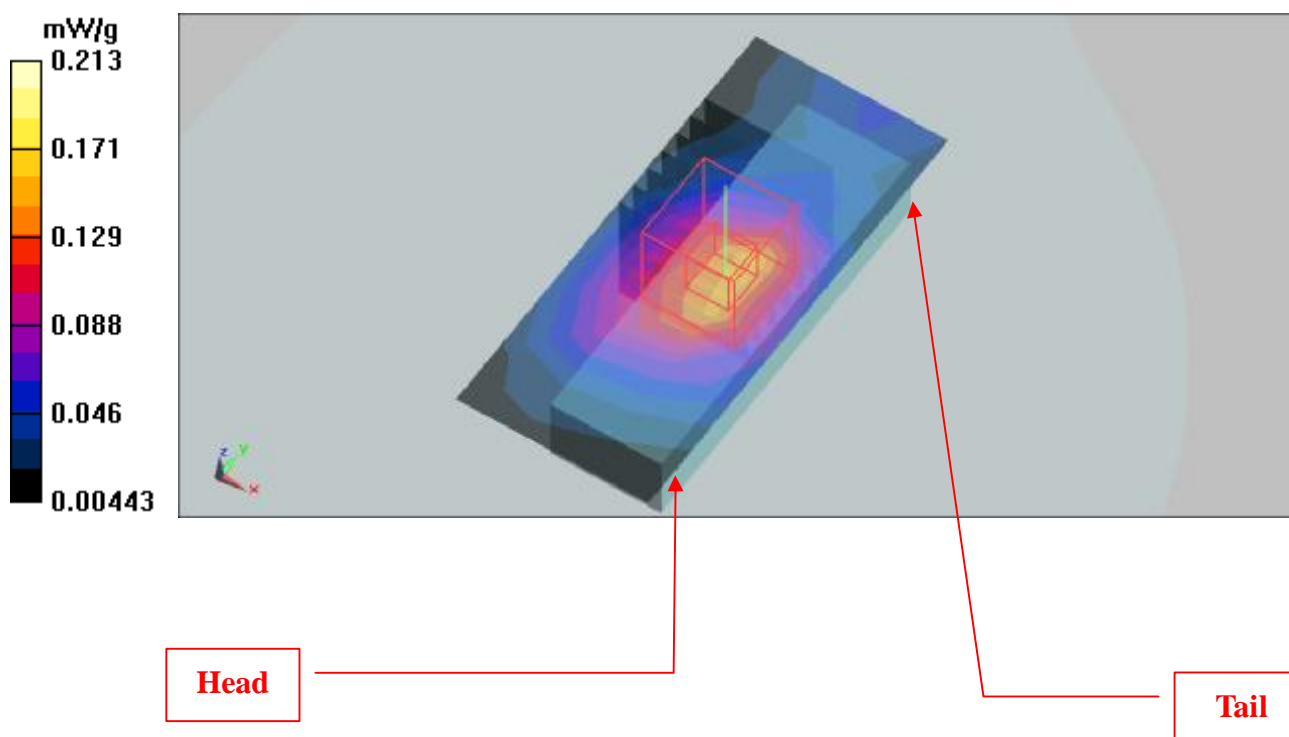
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.17 V/m

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



Test Laboratory: Bureau Veritas ADT

M36-11n 40M-Ch4(Bottom / Ant-0 / 2Tx)

DUT: AirStation Wireless-N NFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.209 mW/g

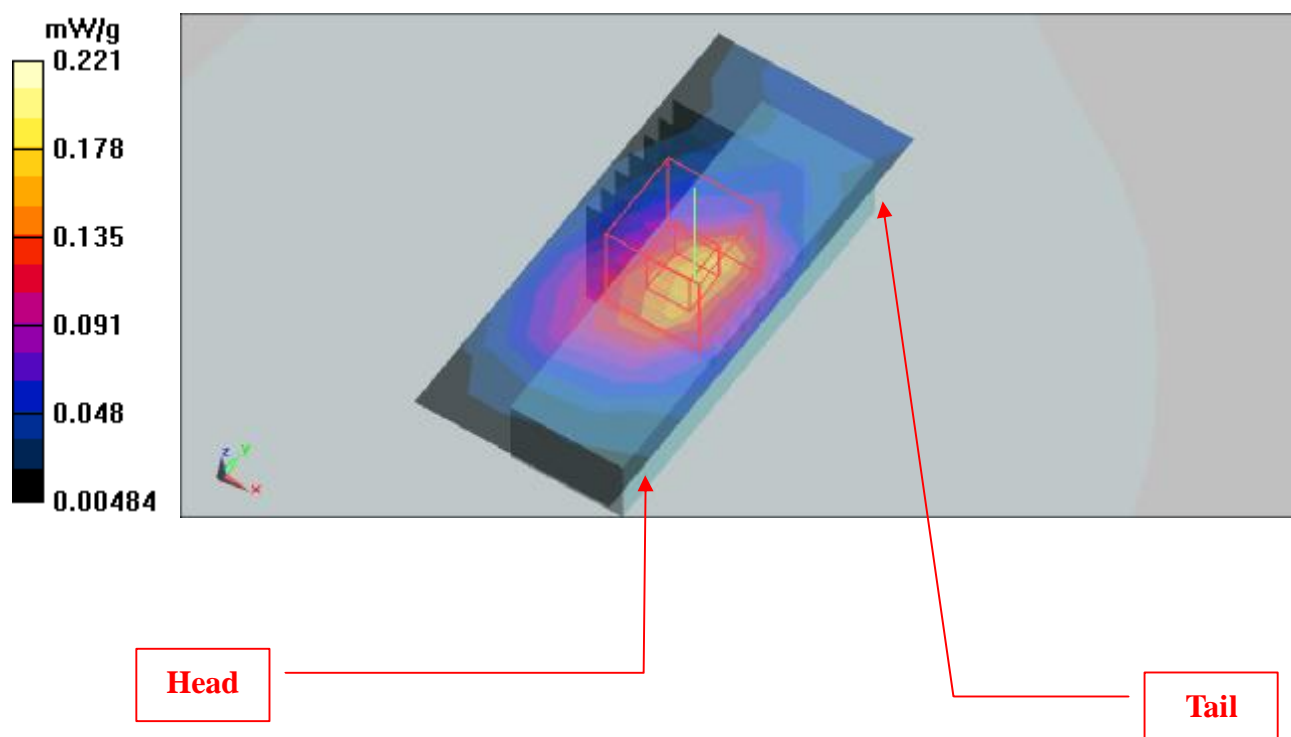
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.49 V/m

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



Test Laboratory: Bureau Veritas ADT

M37-11b-Ch6(Bottom / Ant-180 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.590 mW/g

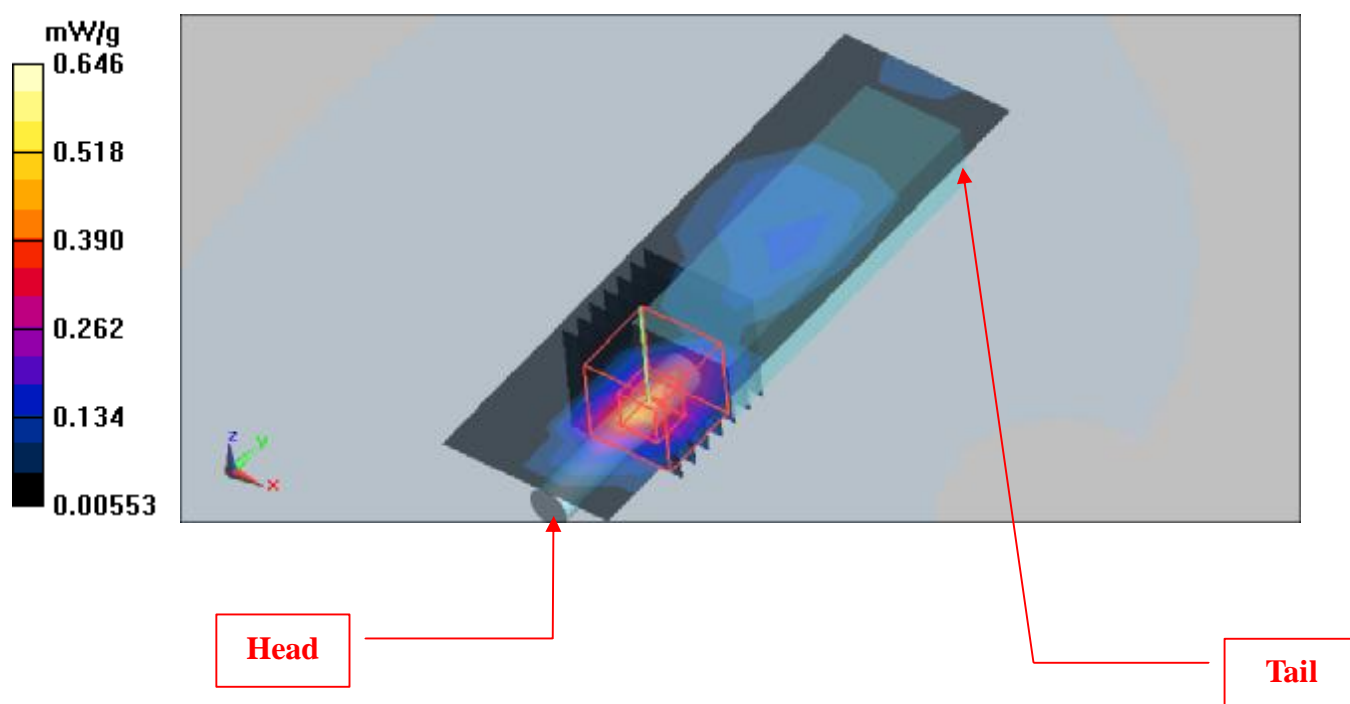
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.02 V/m

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



Test Laboratory: Bureau Veritas ADT

M38-11g-Ch6(Bottom / Ant-180 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.394 mW/g

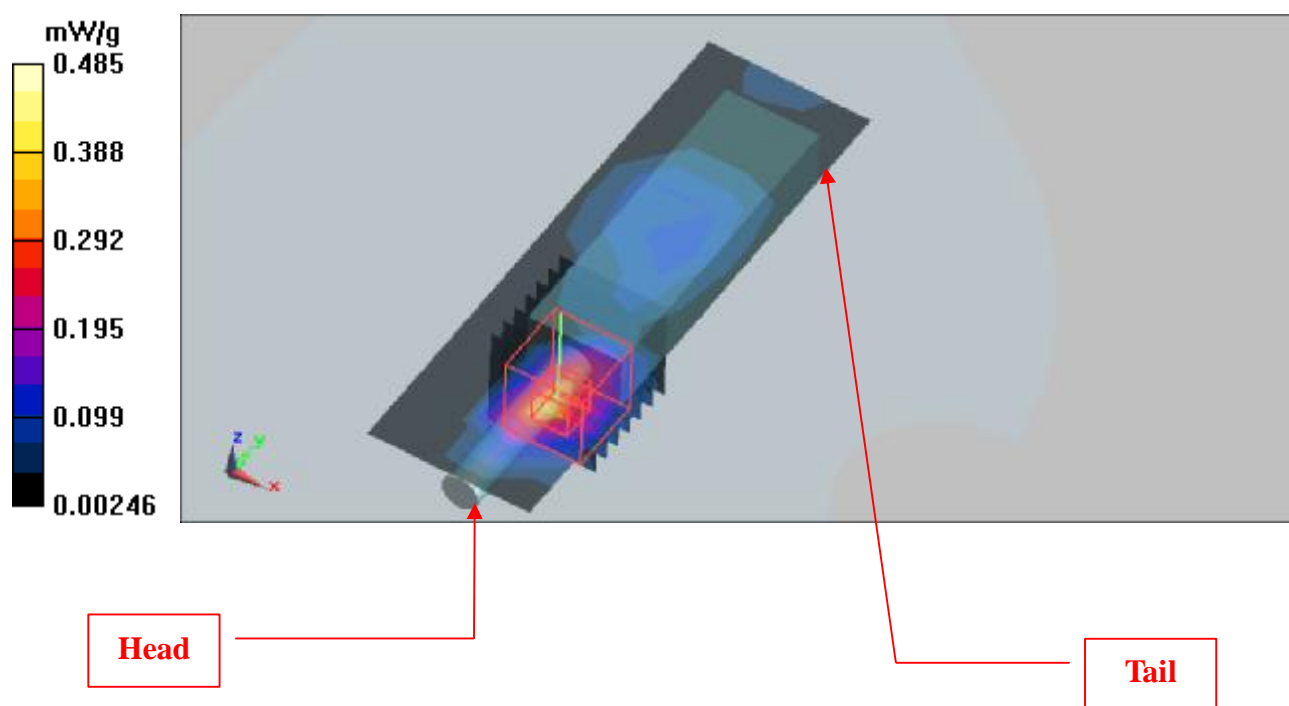
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.98 V/m

Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.485 mW/g



Test Laboratory: Bureau Veritas ADT

M39-11n 20M-Ch6(Bottom / Ant-180 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.336 mW/g

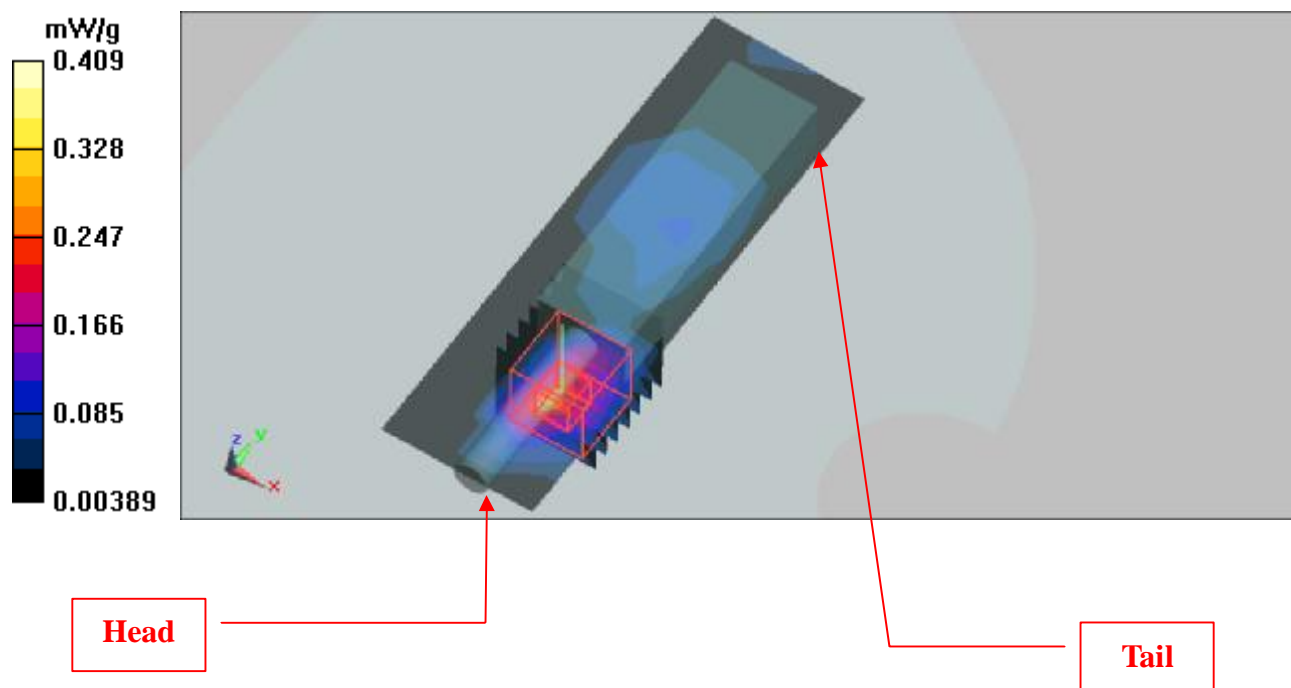
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.69 V/m

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.409 mW/g



Test Laboratory: Bureau Veritas ADT

M40-11n 40M-Ch4(Bottom / Ant-180 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

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

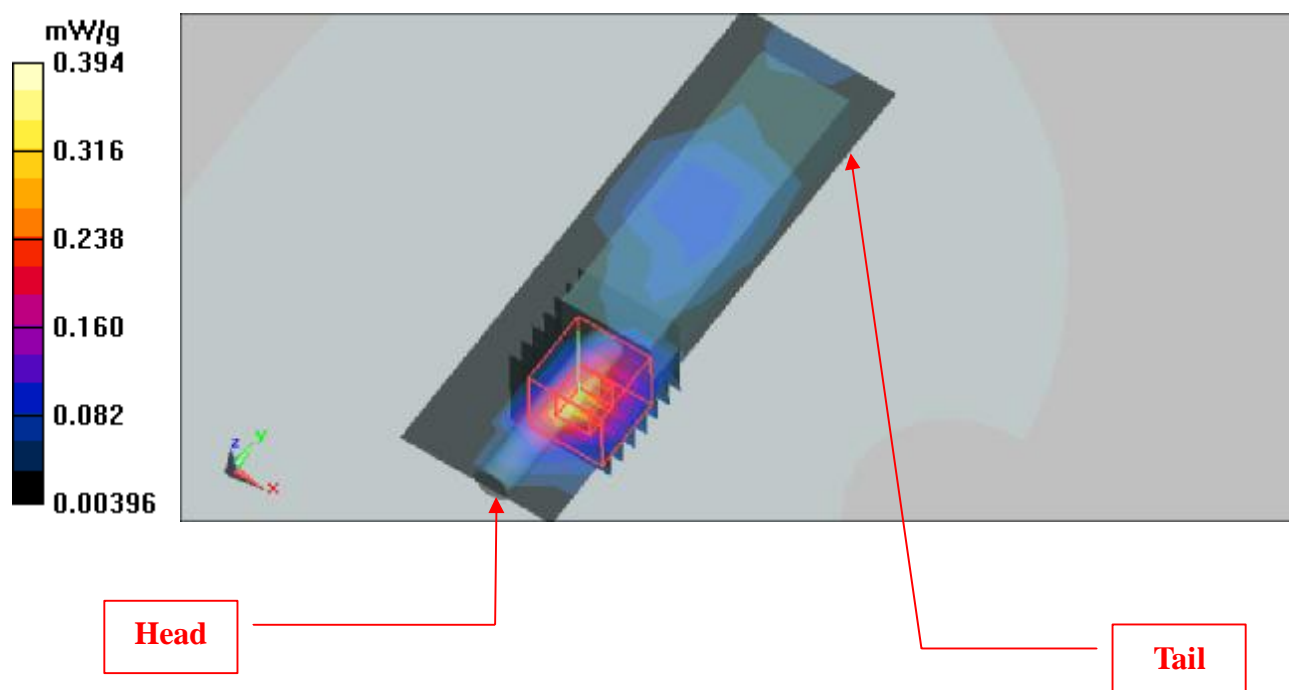
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.37 V/m

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



Test Laboratory: Bureau Veritas ADT

M41-11n 20M-Ch6(Bottom / Ant-180 / 2Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.367 mW/g

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

Reference Value = 6.89 V/m

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.152 mW/g

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

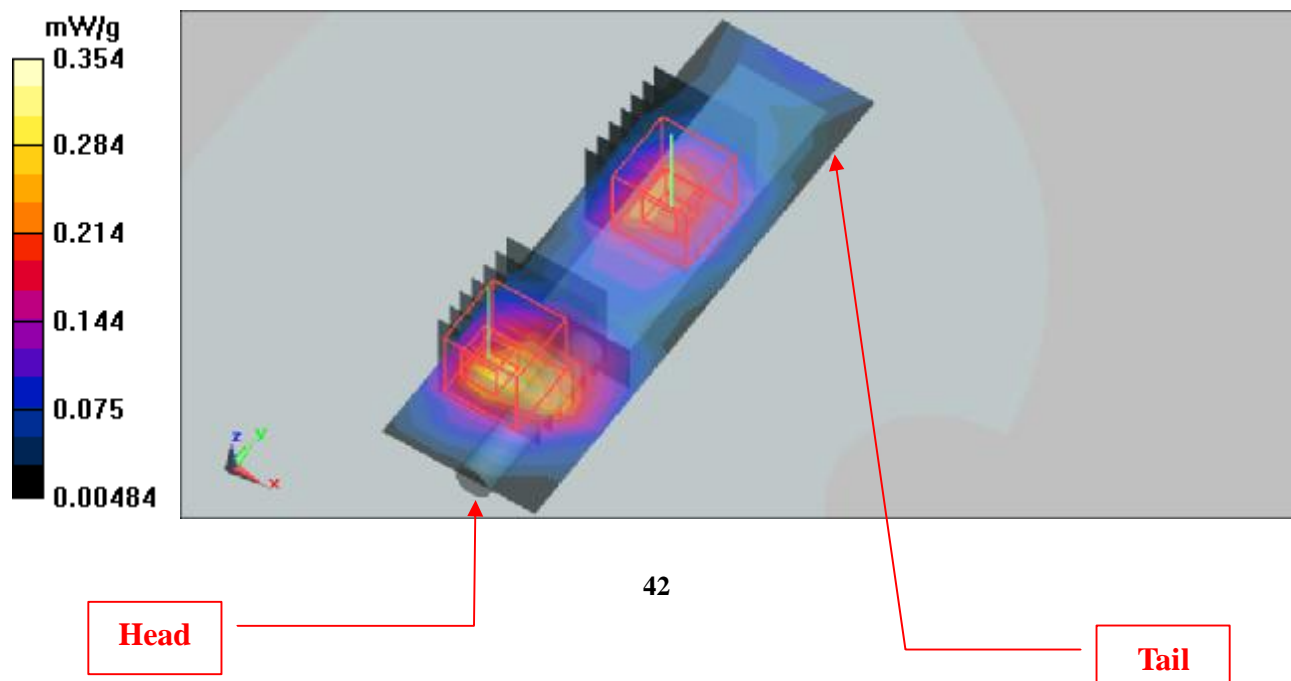
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.89 V/m

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



Test Laboratory: Bureau Veritas ADT

M42-11n 40M-Ch4(Bottom / Ant-180 / 2Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 4/Area Scan (4x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.338 mW/g

Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.33 V/m

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.387 mW/g

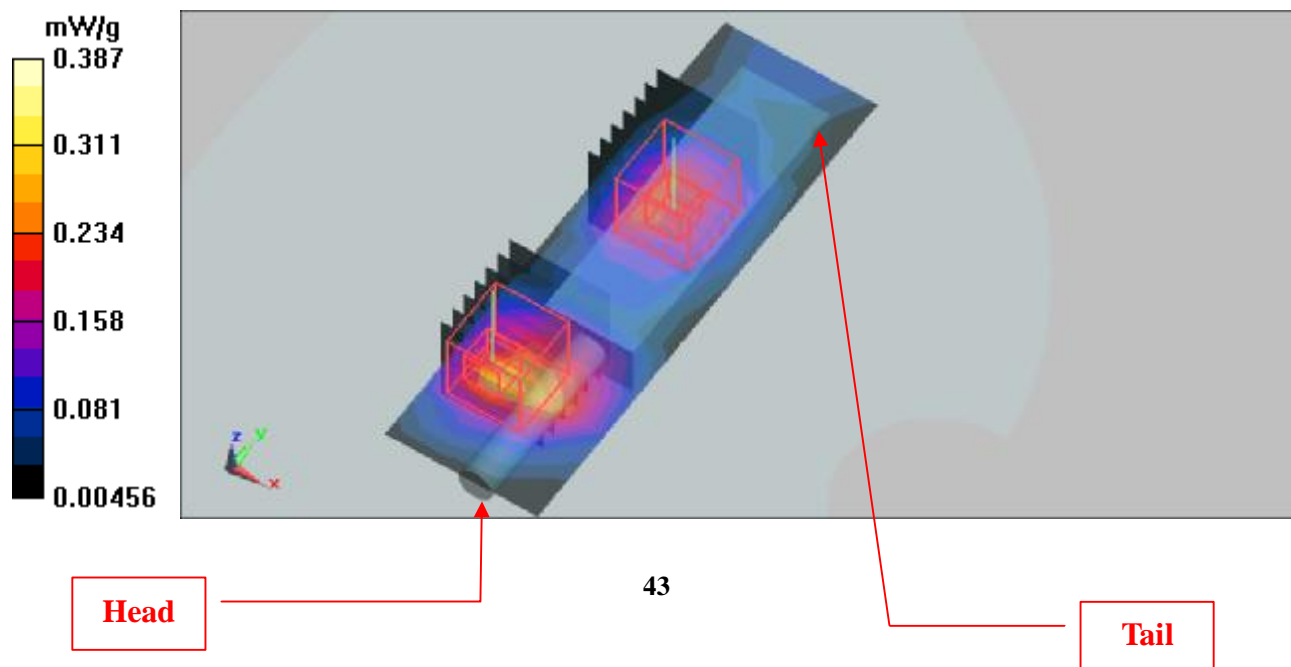
Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.33 V/m

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



Test Laboratory: Bureau Veritas ADT

M43-11b-Ch6(Edge-R / Ant-0 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.935 mW/g

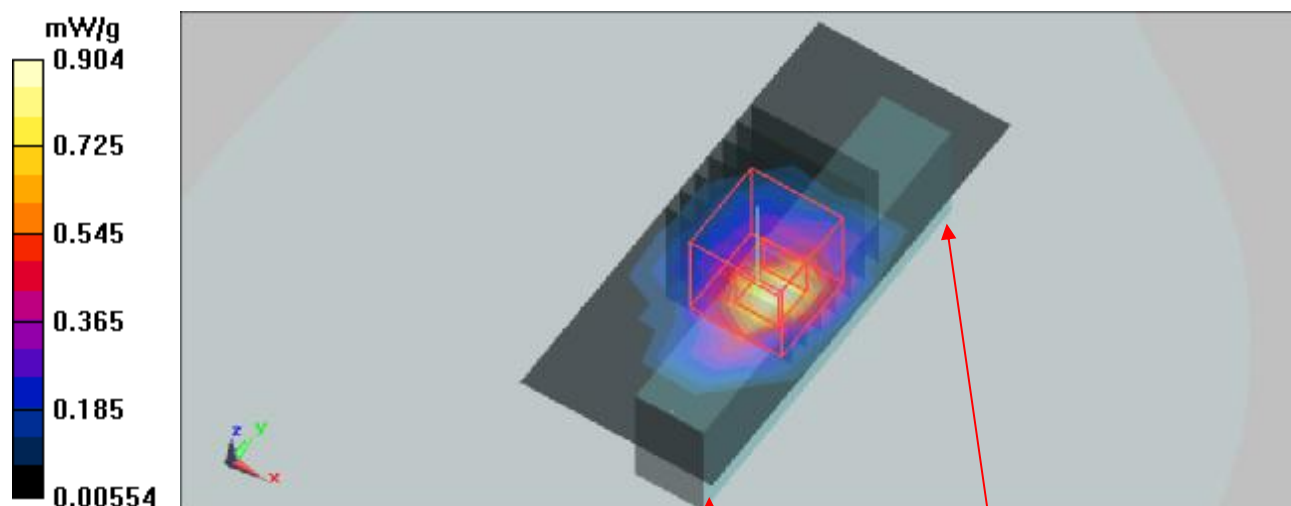
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.09 V/m

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.904 mW/g

**Head****Tail**

Test Laboratory: Bureau Veritas ADT

M44-11g-Ch6(Edge-R / Ant-0 / 1Tx)

DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.806 mW/g

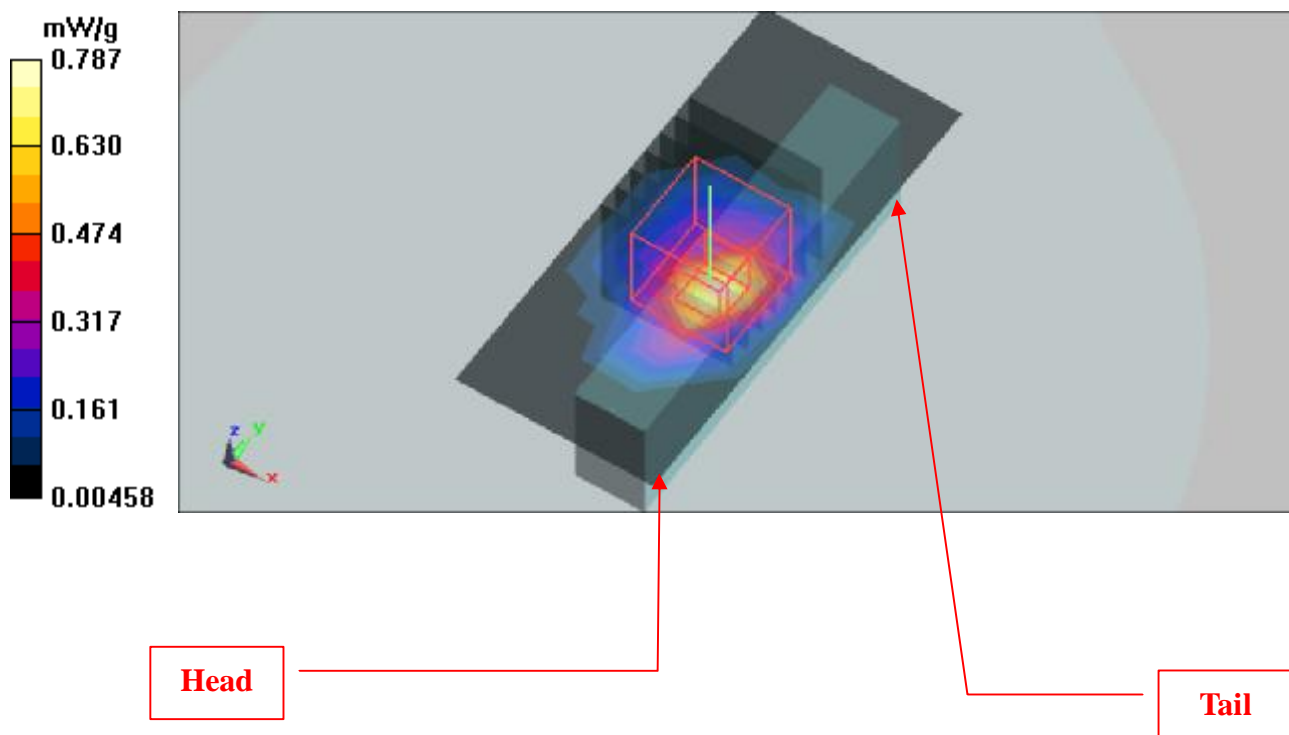
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.92 V/m

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.787 mW/g



Test Laboratory: Bureau Veritas ADT

M45-11n 20M -Ch6(Edge-R / Ant-0 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

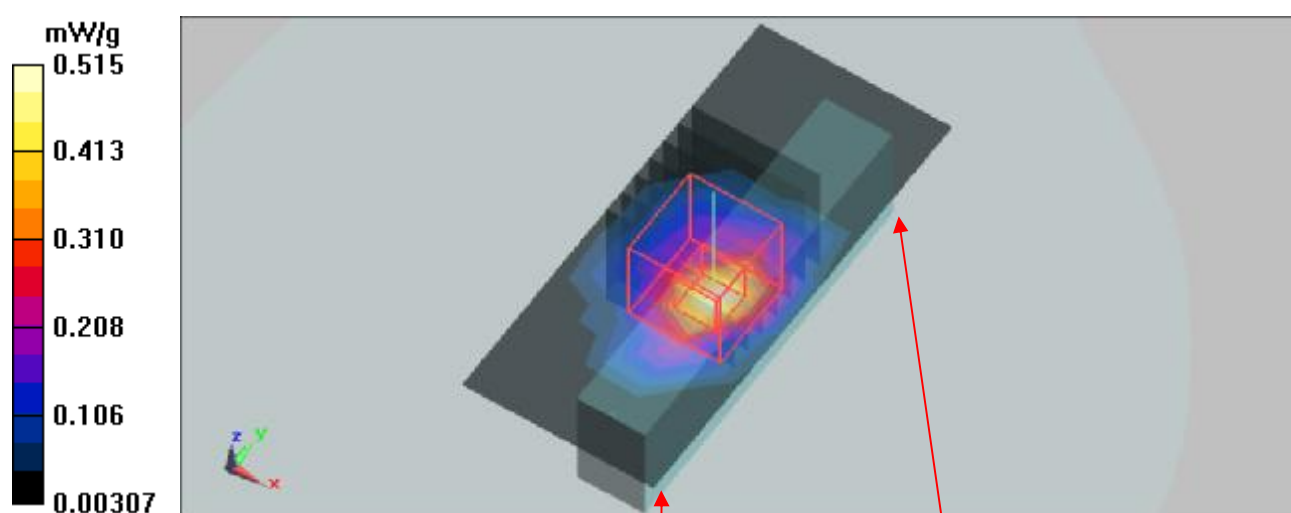
Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.535 mW/g**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.19 V/m

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = **0.392 mW/g**; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.515 mW/g

**Head****Tail**

Test Laboratory: Bureau Veritas ADT

M46-11n40M-Ch4(Edge-R / Ant-0 / 1Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

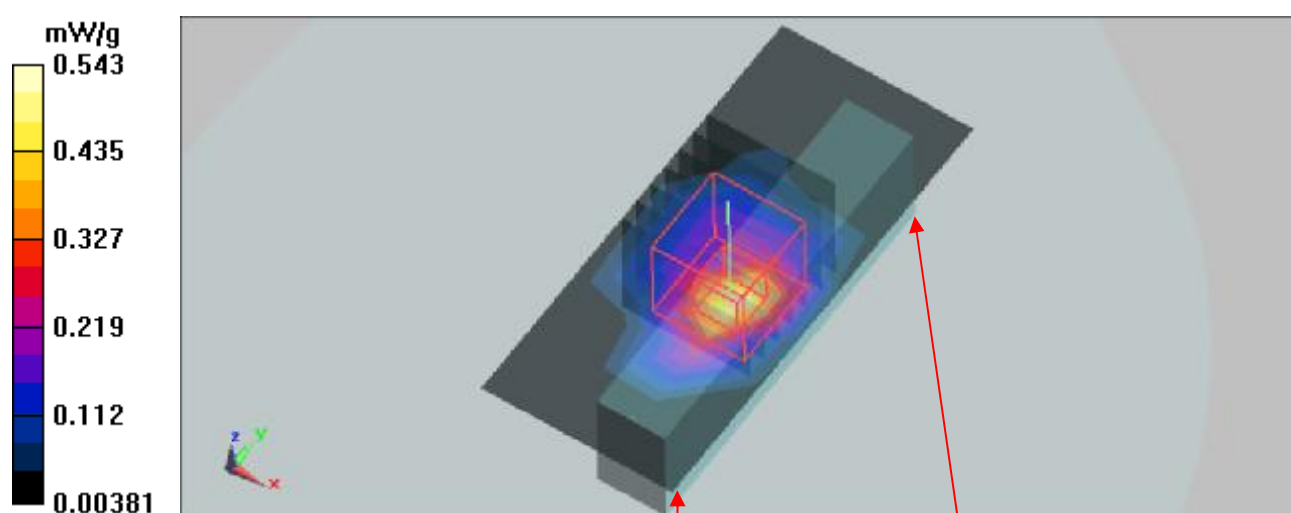
Mid Channel 4/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.537 mW/g**Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.26 V/m

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = **0.416** mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



Head

Tail

Test Laboratory: Bureau Veritas ADT

M47-11n20M-Ch6(Edge-R / Ant-0 / 2Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 2.4G 11n span20 ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

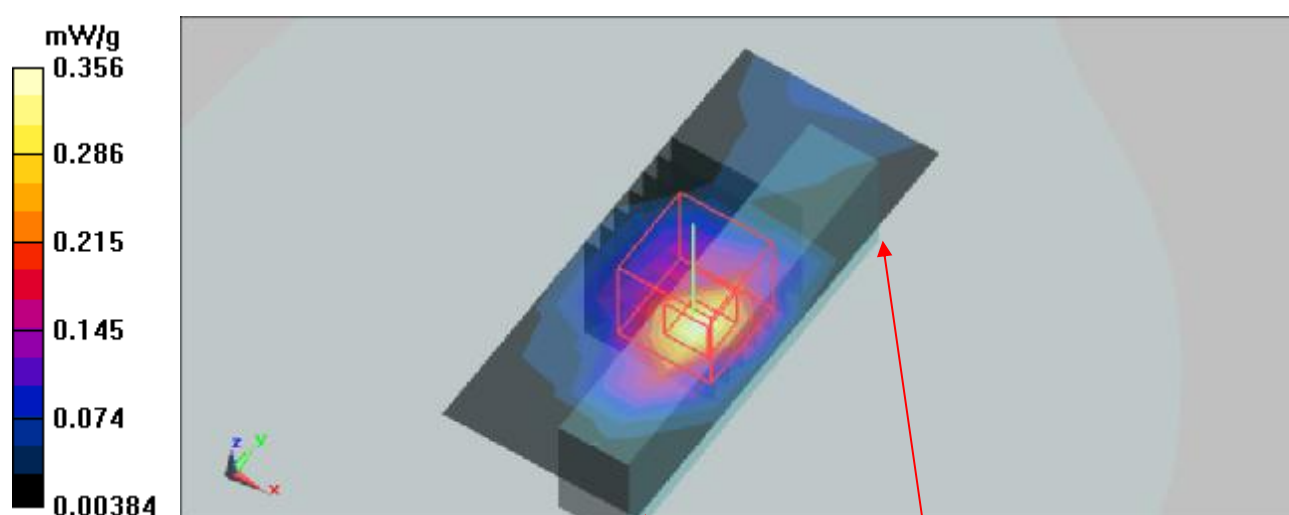
Mid Channel 6/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.422 mW/g**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.6 V/m

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = **0.277 mW/g**; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



Head

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Tail

Test Laboratory: Bureau Veritas ADT

M48-11n40M-Ch4(Edge-R / Ant-0 / 2Tx)**DUT: AirStation Wireless-N INFINITI HighPower Keychain USB2.0 Adapter ; Type: WLI-UC-G300HP**

Communication System: 802.11n 40MHz ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY5 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861 ; Calibrated: 2008/9/22
- Phantom: SAM with CRP ; Type: SAM ; Serial: TP-1485
- Measurement SW: DASY5, V5.0 Build 119 ; SEMCAD X Version 13.2 Build 87

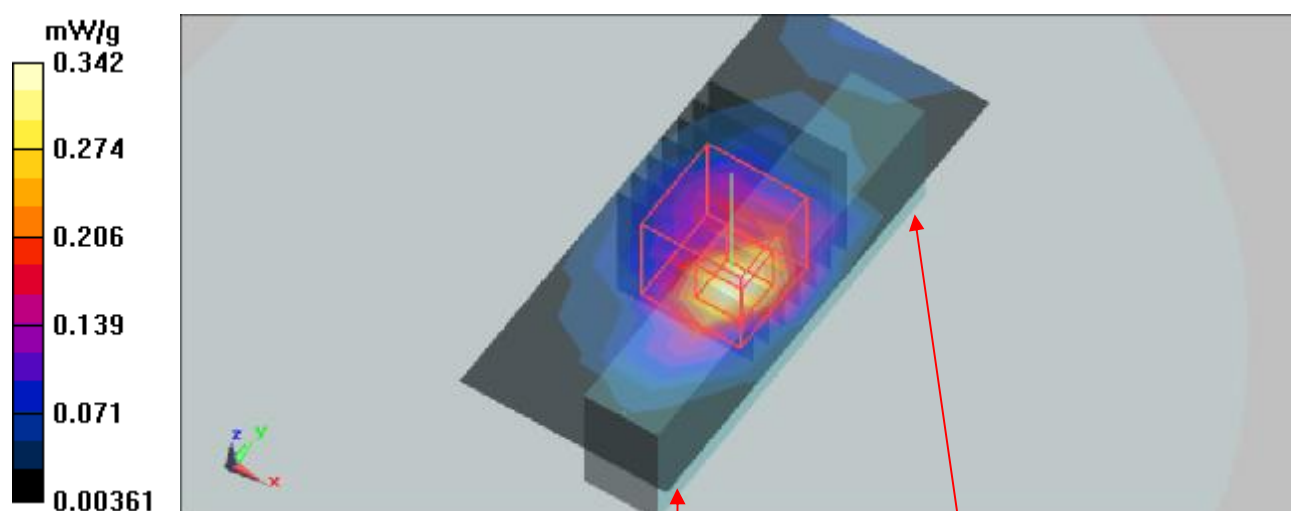
Mid Channel 4/Area Scan (4x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.366 mW/g**Mid Channel 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.81 V/m

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = **0.265** mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



Head

Tail