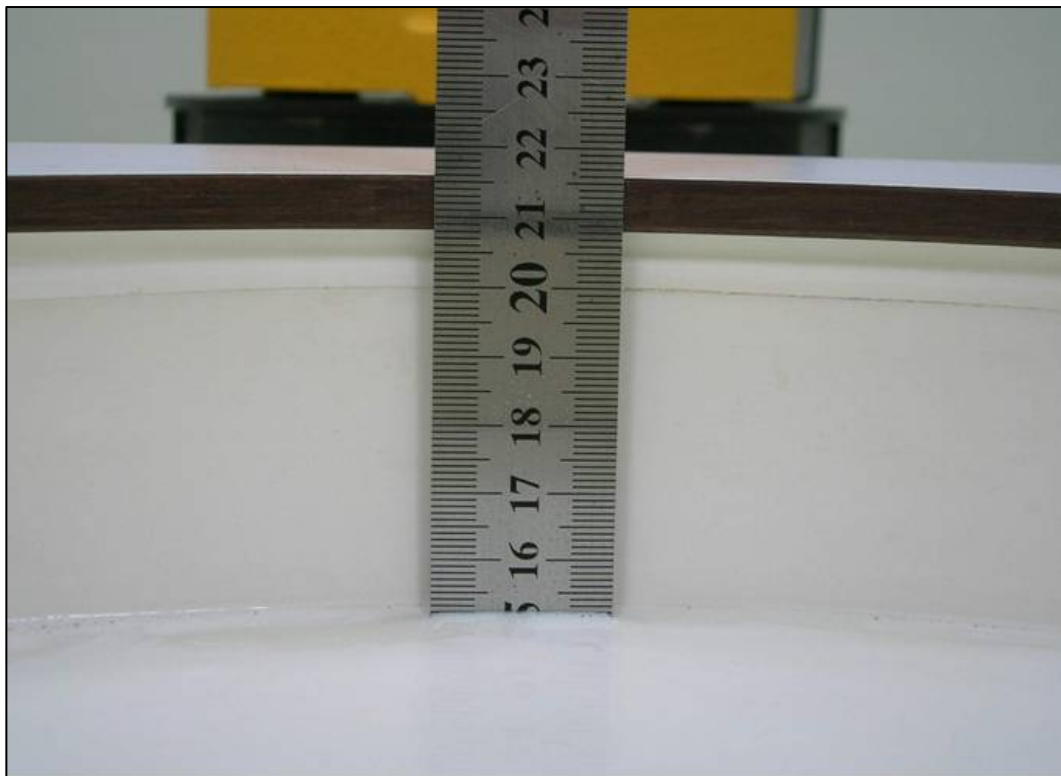


APPENDIX A: TEST DATA

Liquid Level Photo

MSL 5800MHz D=152mm



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch48

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.27$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 48/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.411 mW/g

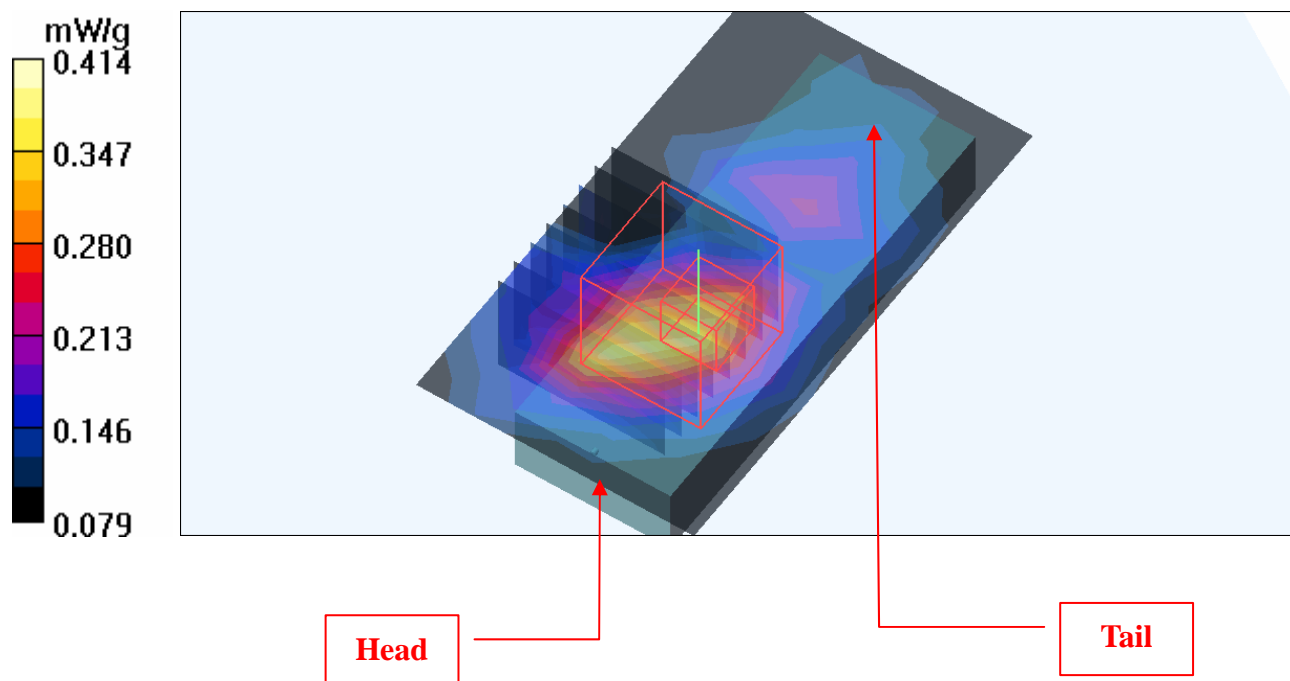
High Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.92 V/m

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = **0.323 mW/g**; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.414 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch52

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.571 mW/g

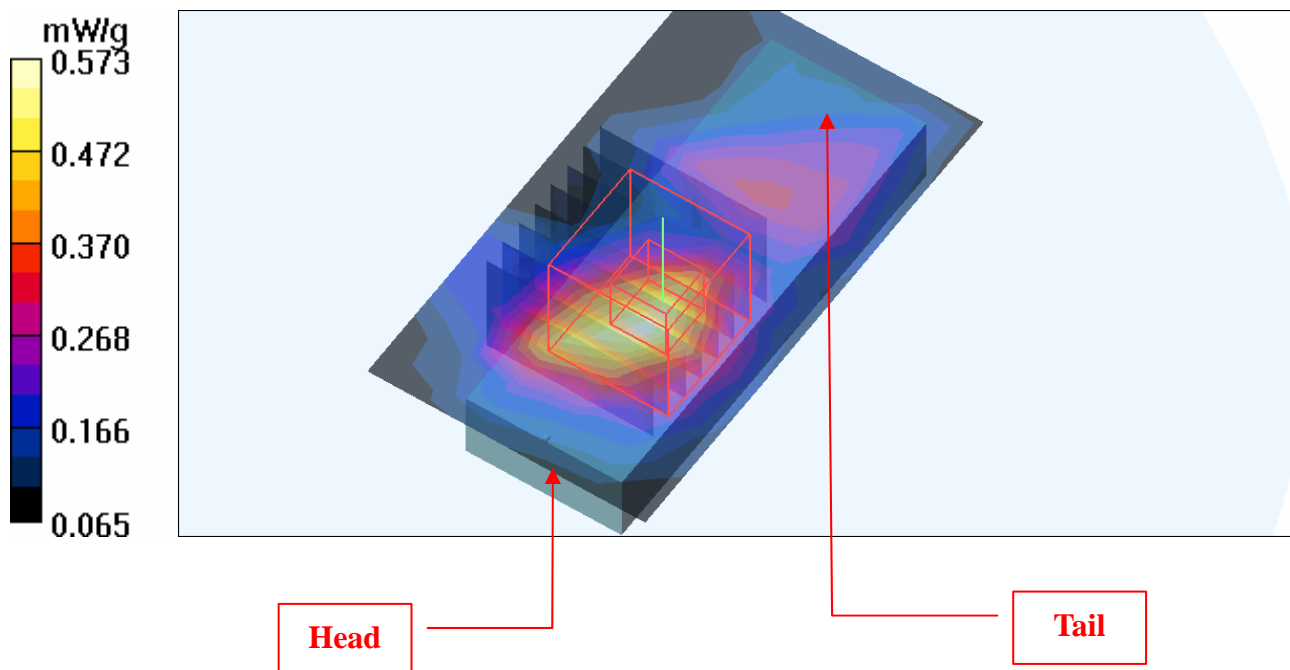
Low Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.63 V/m

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = **0.447 mW/g**; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch100**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5500 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.65$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)
DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 100/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.533 mW/g

Low Channel 100/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.78 V/m

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.557 mW/g

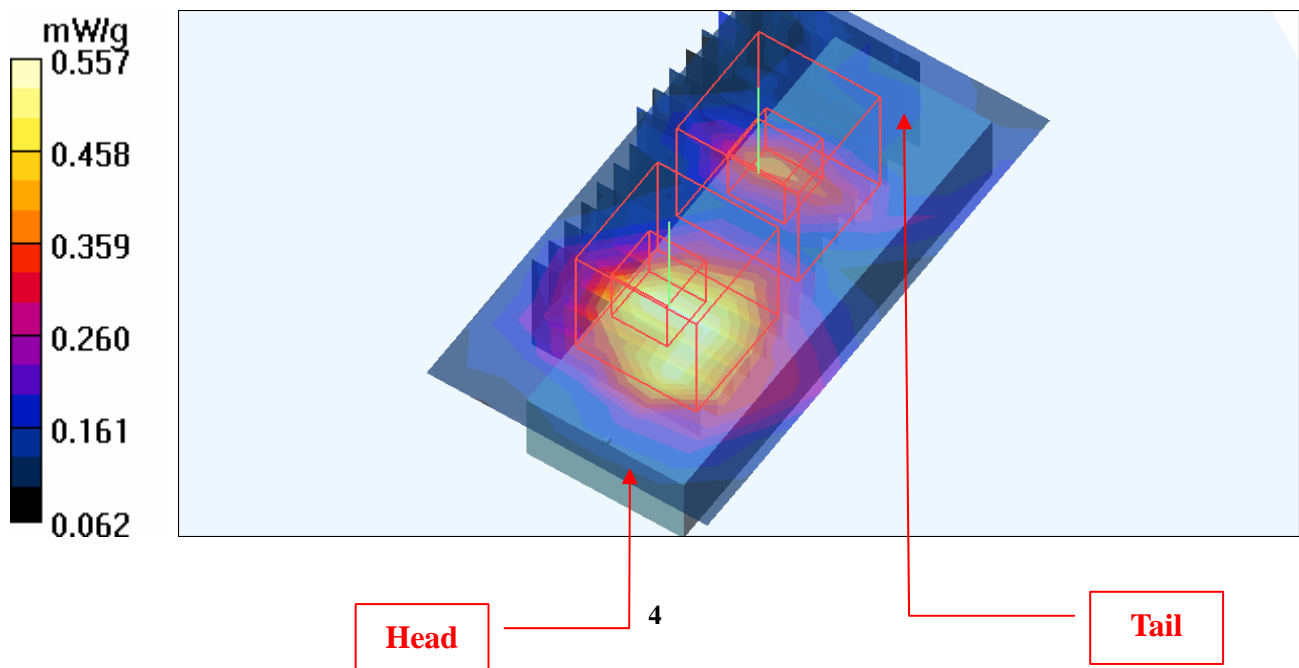
Low Channel 100/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.78 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.430 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch104**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5520 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 49.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 104/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.439 mW/g

Mid Channel 104/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.26 V/m

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.453 mW/g

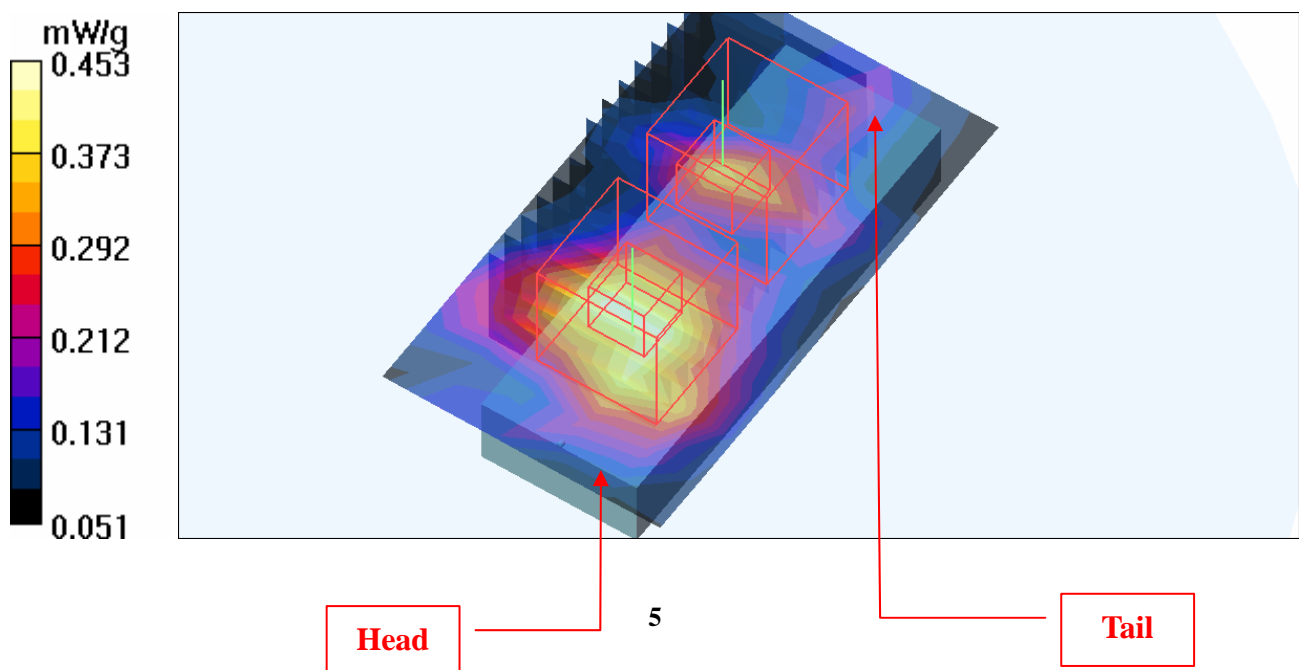
Mid Channel 104/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.26 V/m

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch116**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5580 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.76$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 116/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.512 mW/g

Mid Channel 116/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.60 V/m

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.600 mW/g

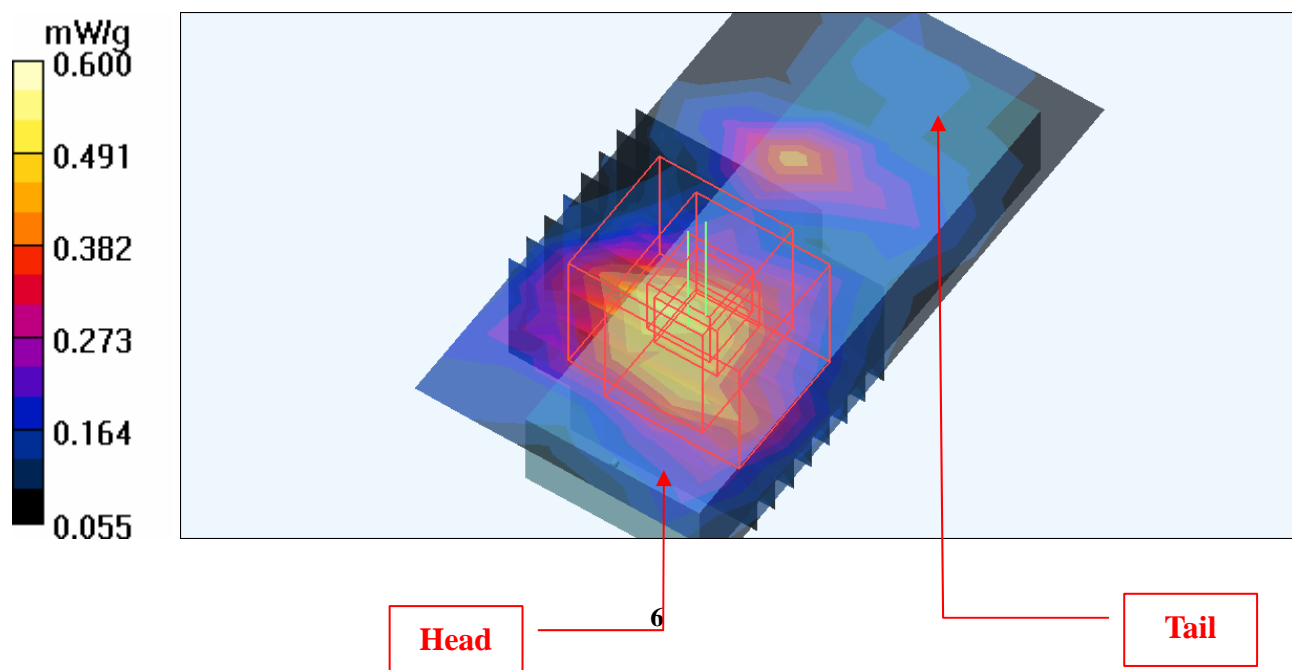
Mid Channel 116/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.60 V/m

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.577 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch120**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5600 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.79$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 120/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

Mid Channel 120/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.99 V/m

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.587 mW/g

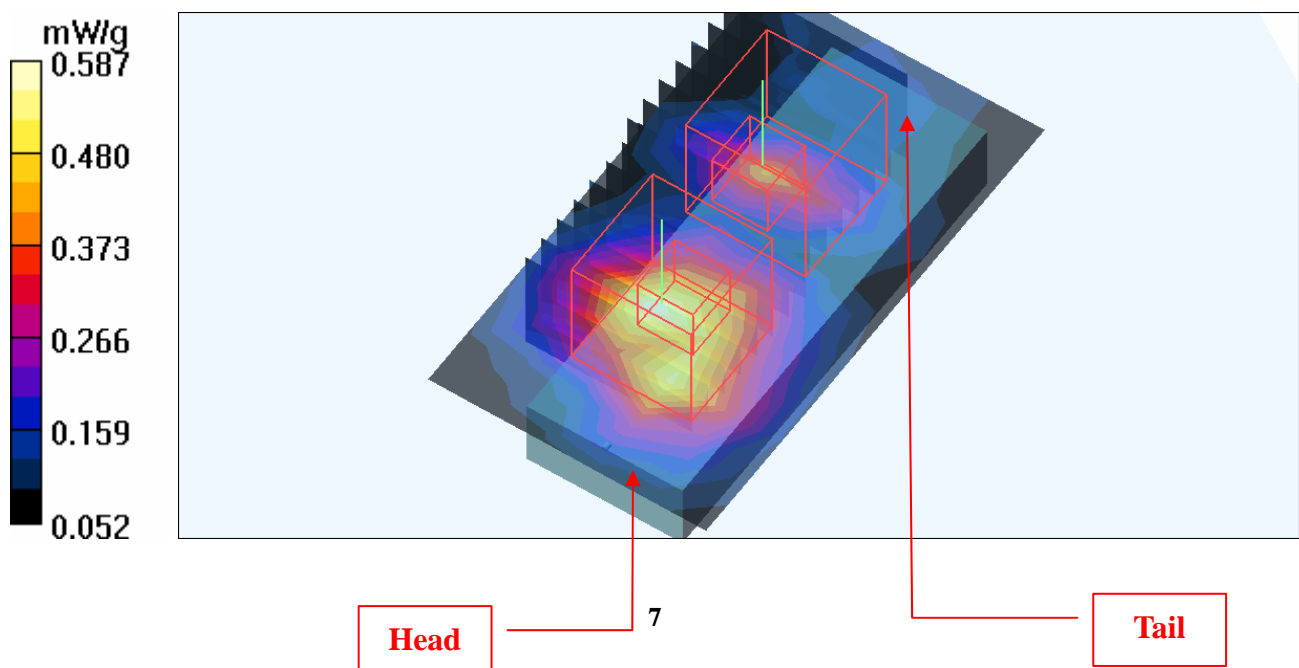
Mid Channel 120/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.99 V/m

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch124**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5620 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5620$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 124/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.528 mW/g

Mid Channel 124/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.58 V/m

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.207 mW/g

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

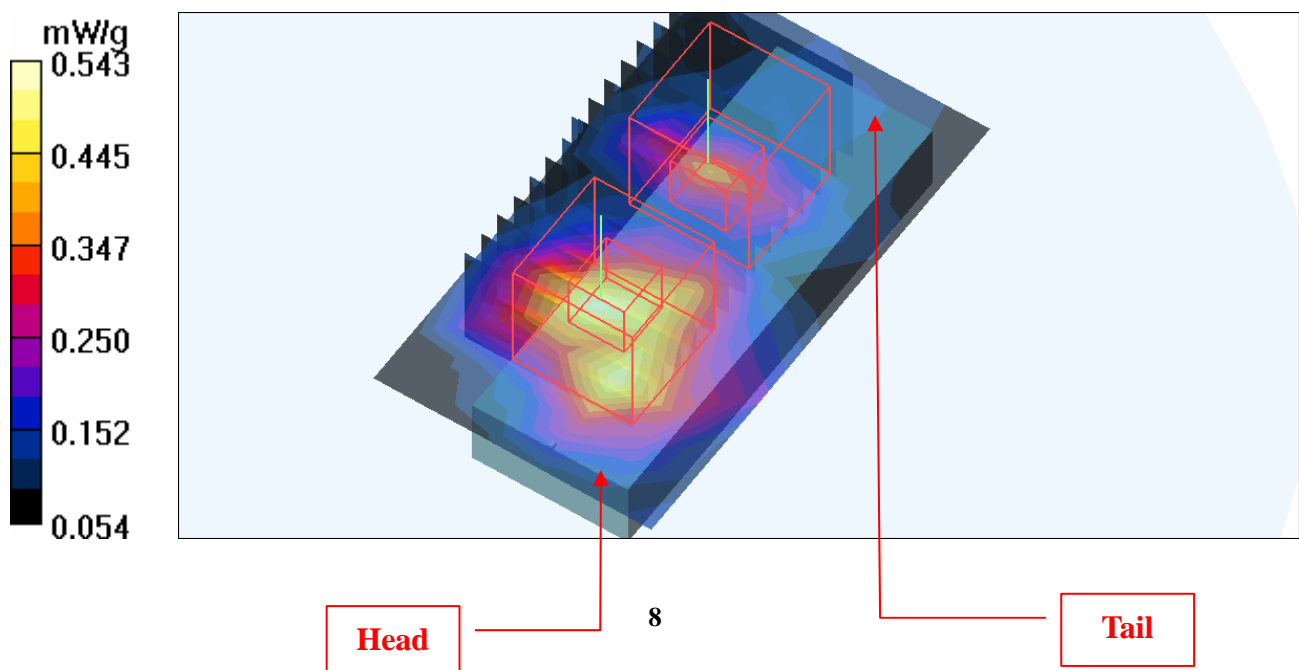
Mid Channel 124/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.58 V/m

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.142 mW/g

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



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch136

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5680 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL5800 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.91$ mho/m; $\epsilon_r = 49.3$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 136/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.561 mW/g

Mid Channel 136/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.91 V/m

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.634 mW/g

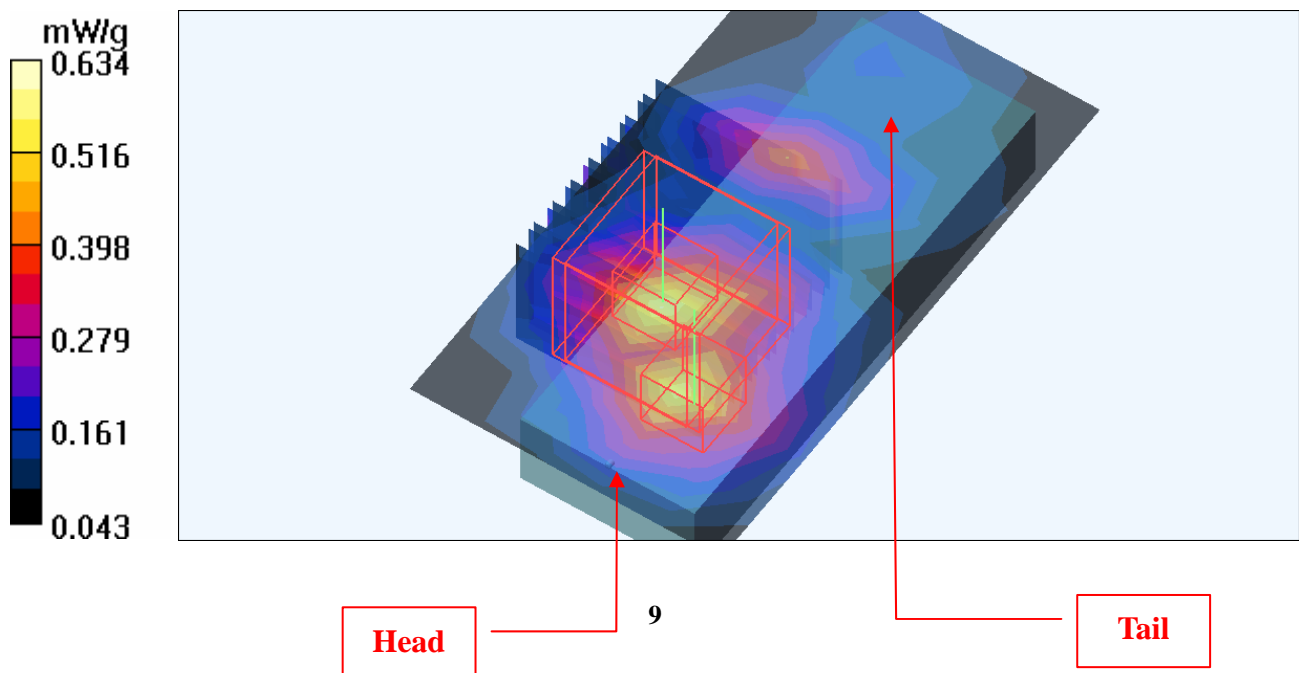
Mid Channel 136/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.91 V/m

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



Test Laboratory: Bureau Veritas ADT

M01-11a-Ch140**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5700 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 49.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 140/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.670 mW/g

High Channel 140/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.45 V/m

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.701 mW/g

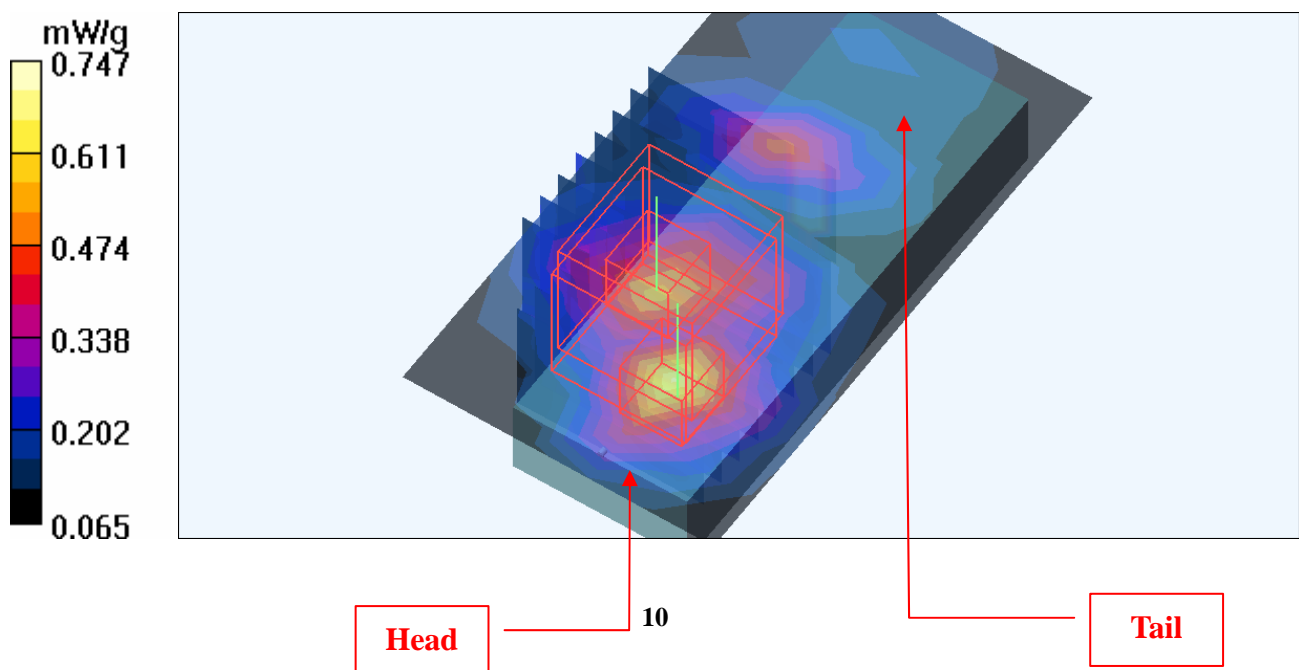
High Channel 140/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.45 V/m

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.747 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch40**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5200 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 40/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.609 mW/g

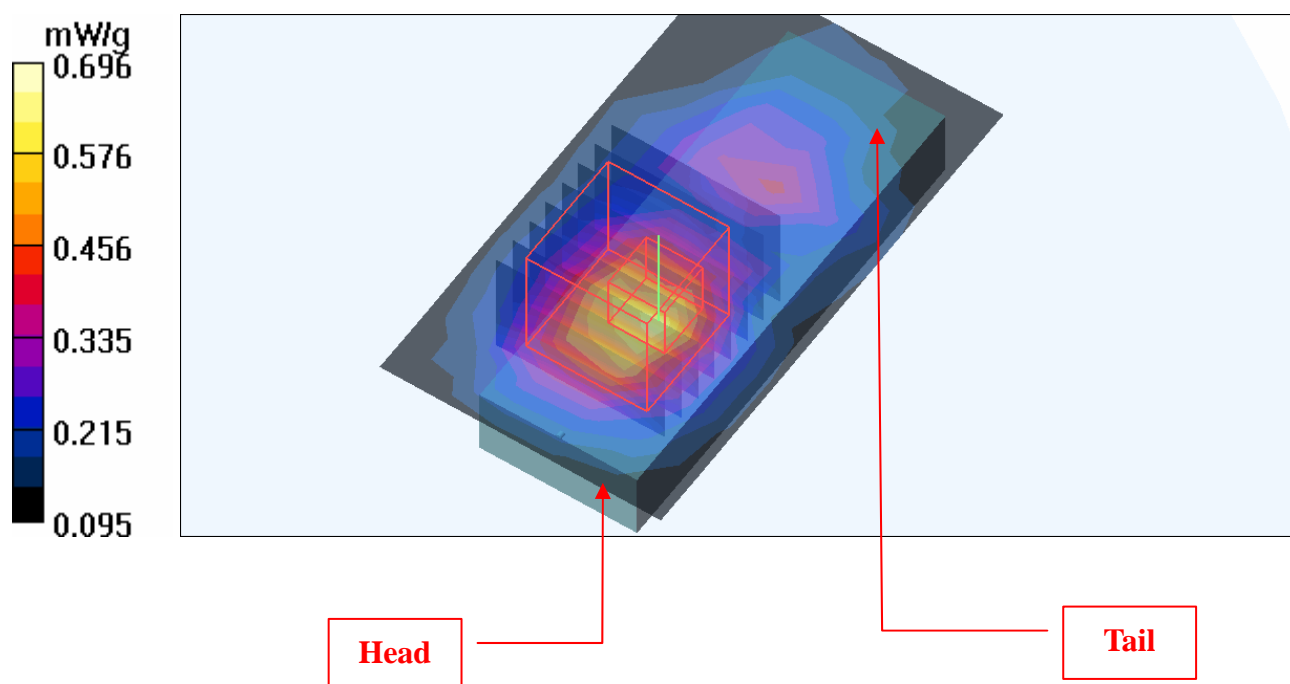
Mid Channel 40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.78 V/m

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.696 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch52**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

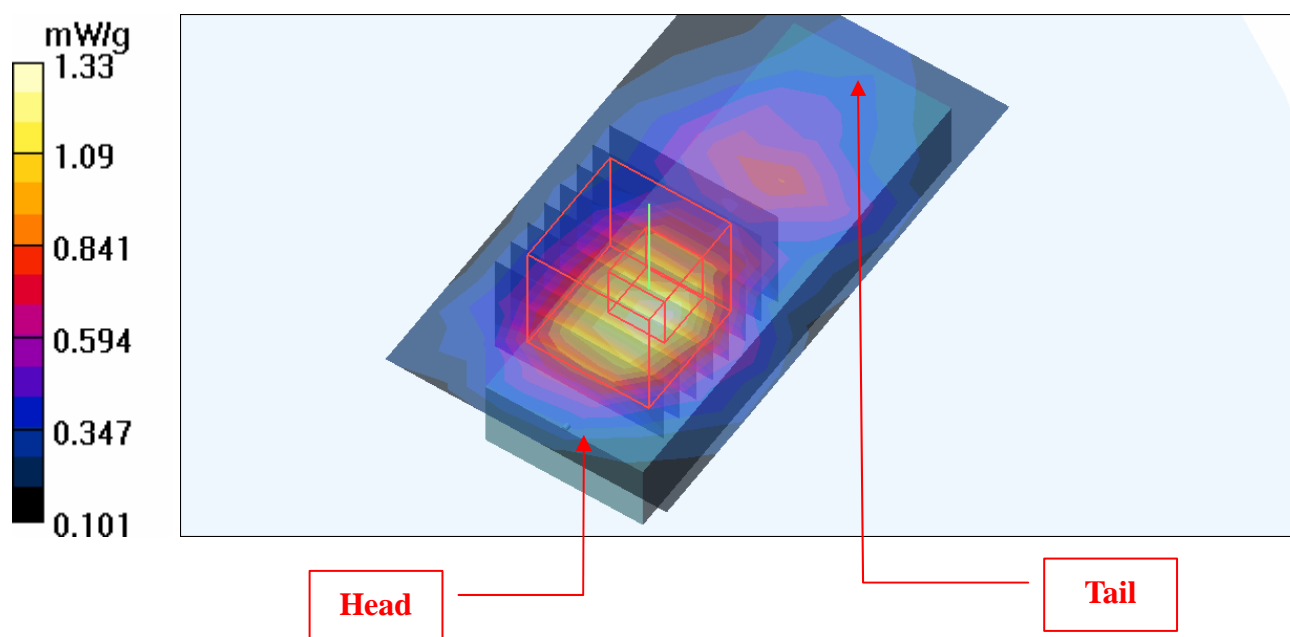
Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.30 mW/g**Low Channel 52/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.0 V/m

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch60

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5300 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 60/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.20 mW/g

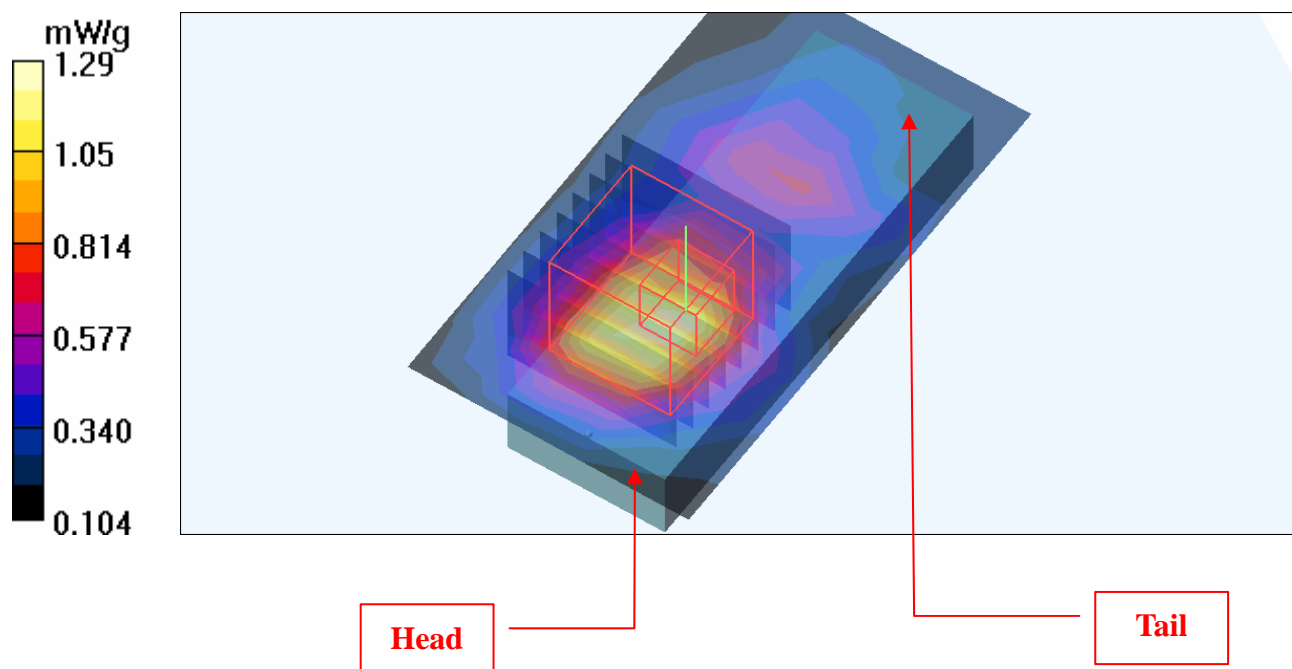
Mid Channel 60/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch64**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5320 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.39$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 64/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.13 mW/g

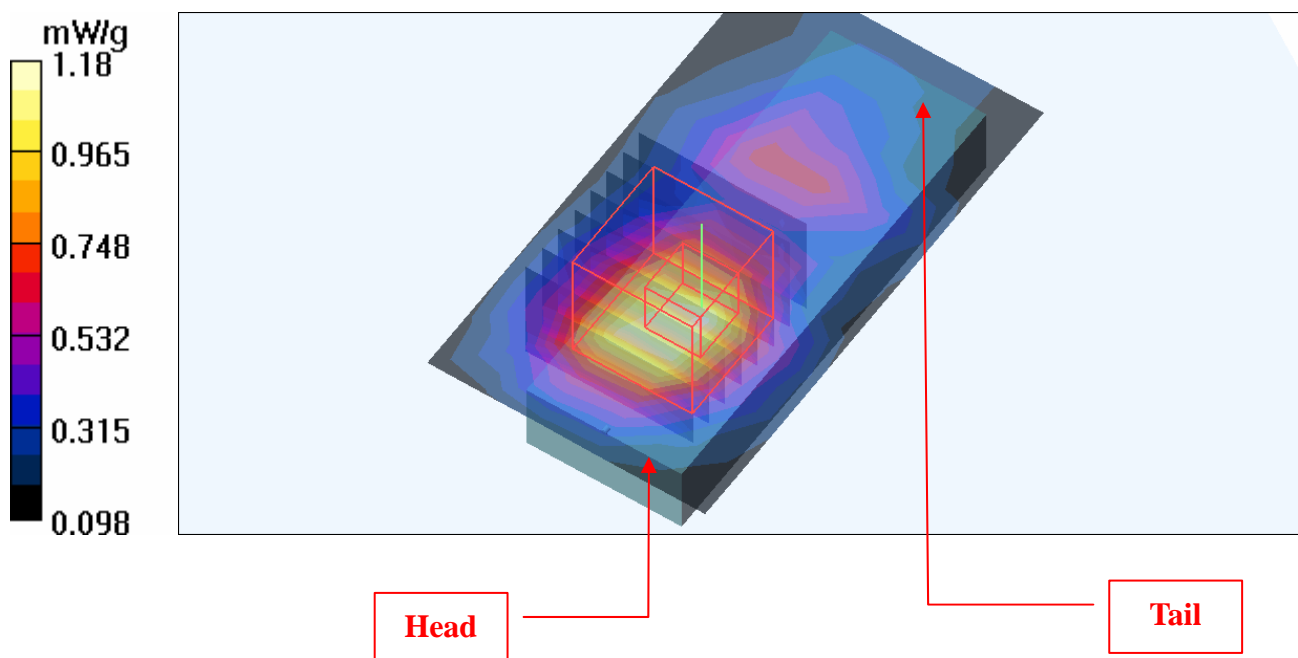
High Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch100

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5500 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.65$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 100/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.786 mW/g

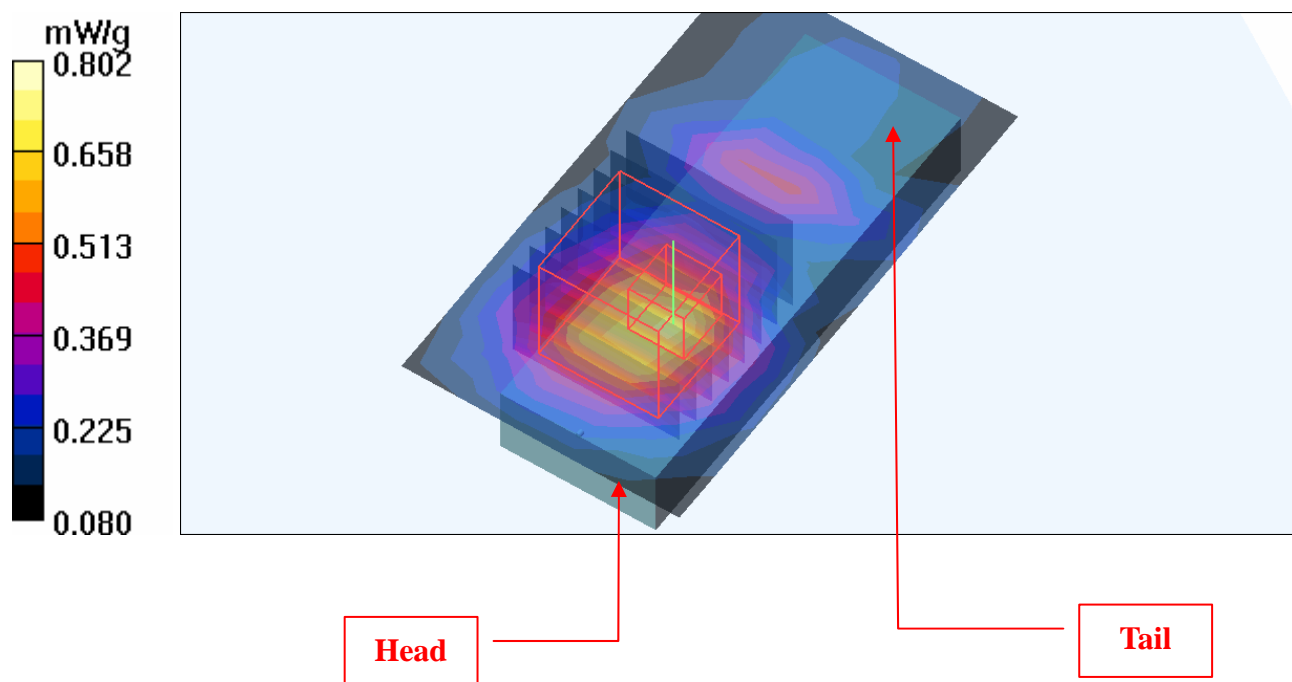
Low Channel 100/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.52 V/m

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.802 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch104

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5520 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 49.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 104/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.790 mW/g

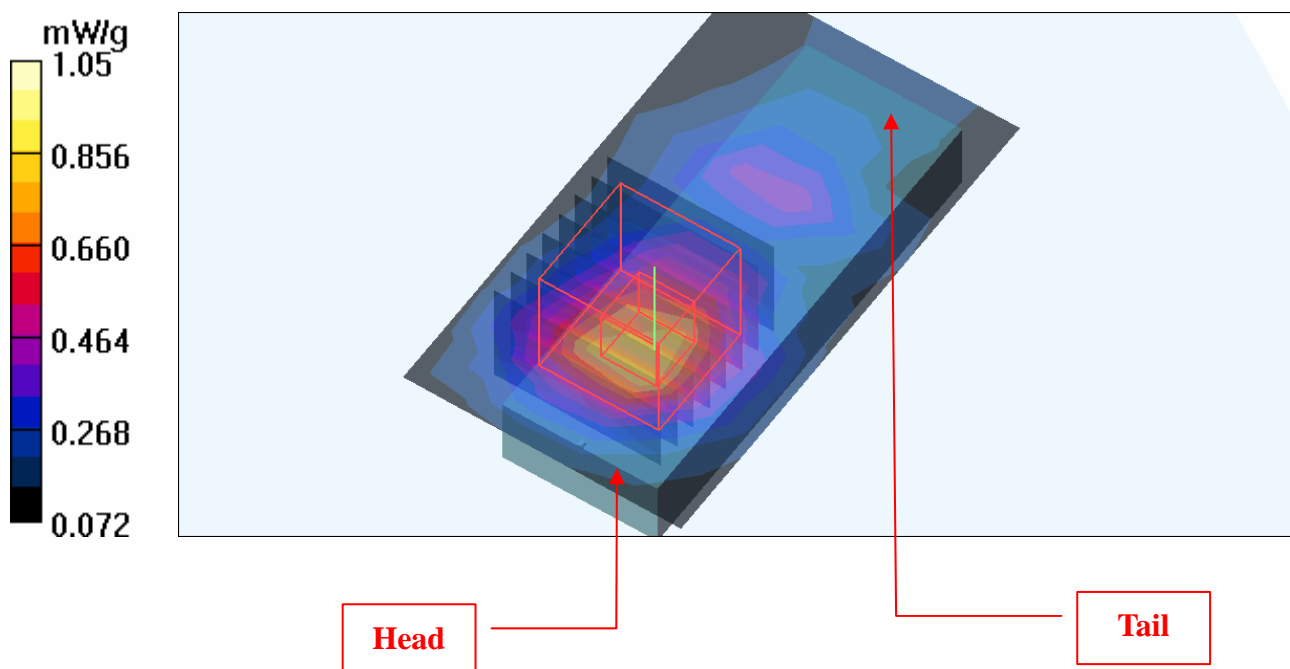
Mid Channel 104/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.45 V/m

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch116**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5580 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.76$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 116/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.840 mW/g

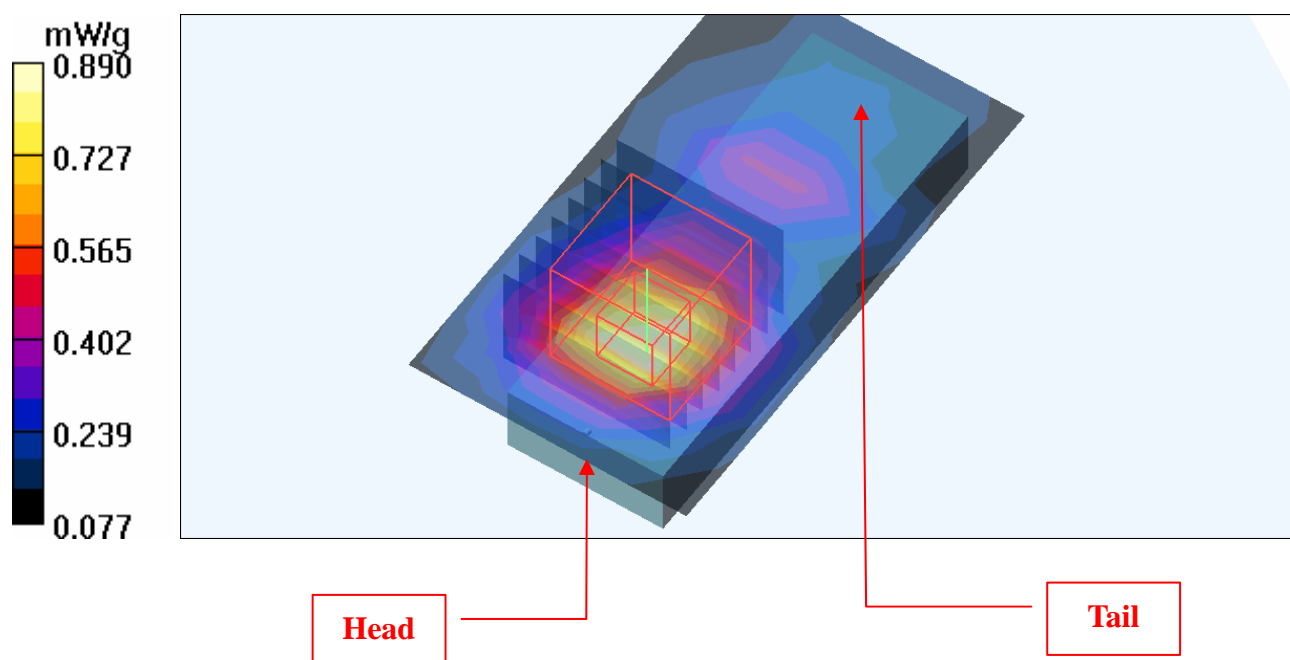
Mid Channel 116/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.44 V/m

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.890 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch120

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5600 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.79$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 120/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.11 mW/g

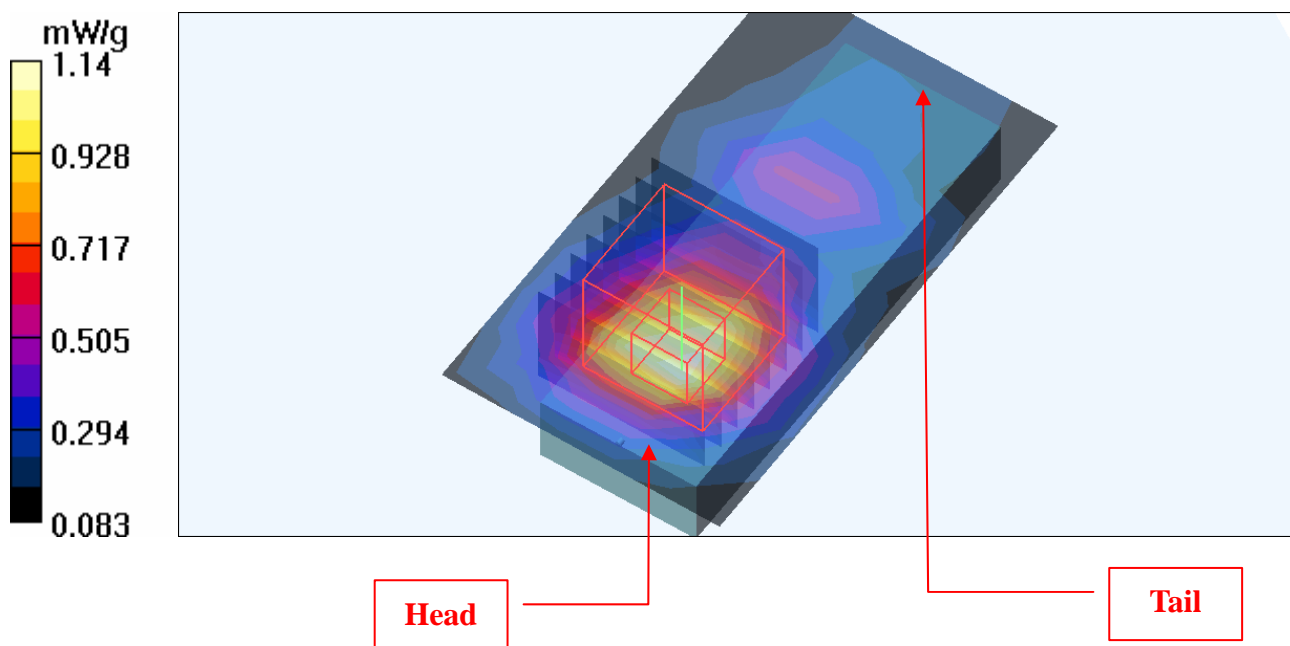
Mid Channel 120/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.60 V/m

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch124

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5620 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5620$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 124/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.858 mW/g

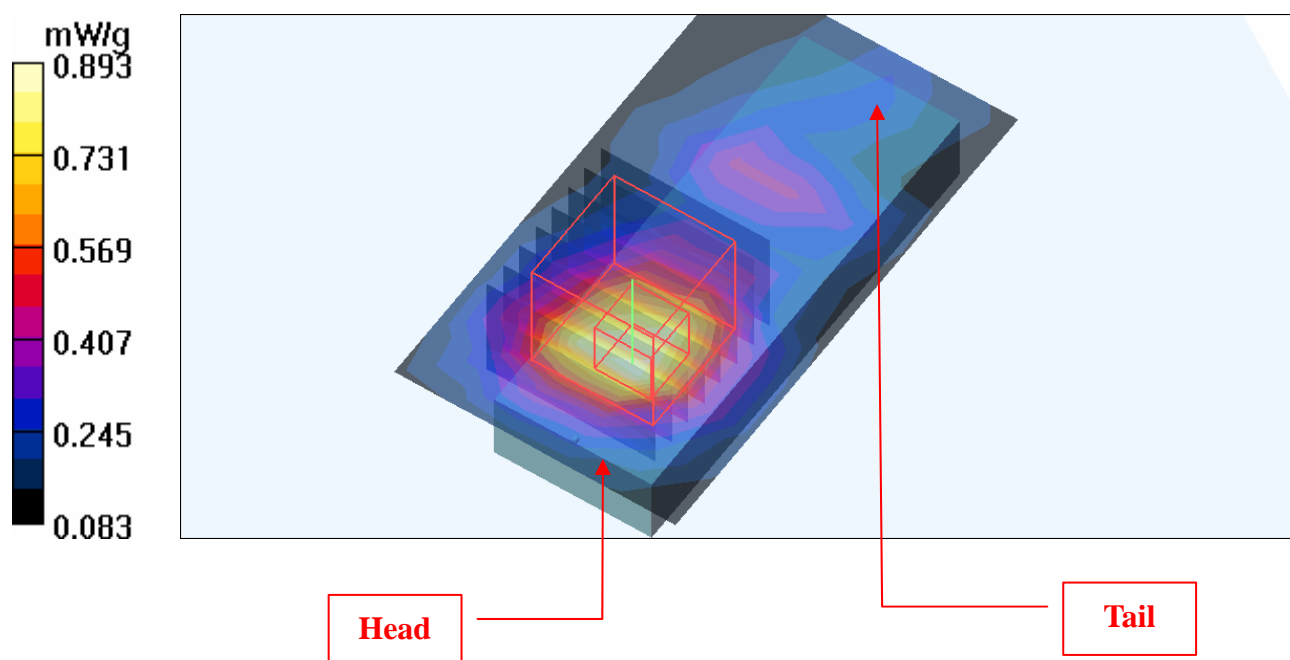
Mid Channel 124/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.64 V/m

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.893 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch136**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5680 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.91$ mho/m; $\epsilon_r = 49.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 136/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.994 mW/g

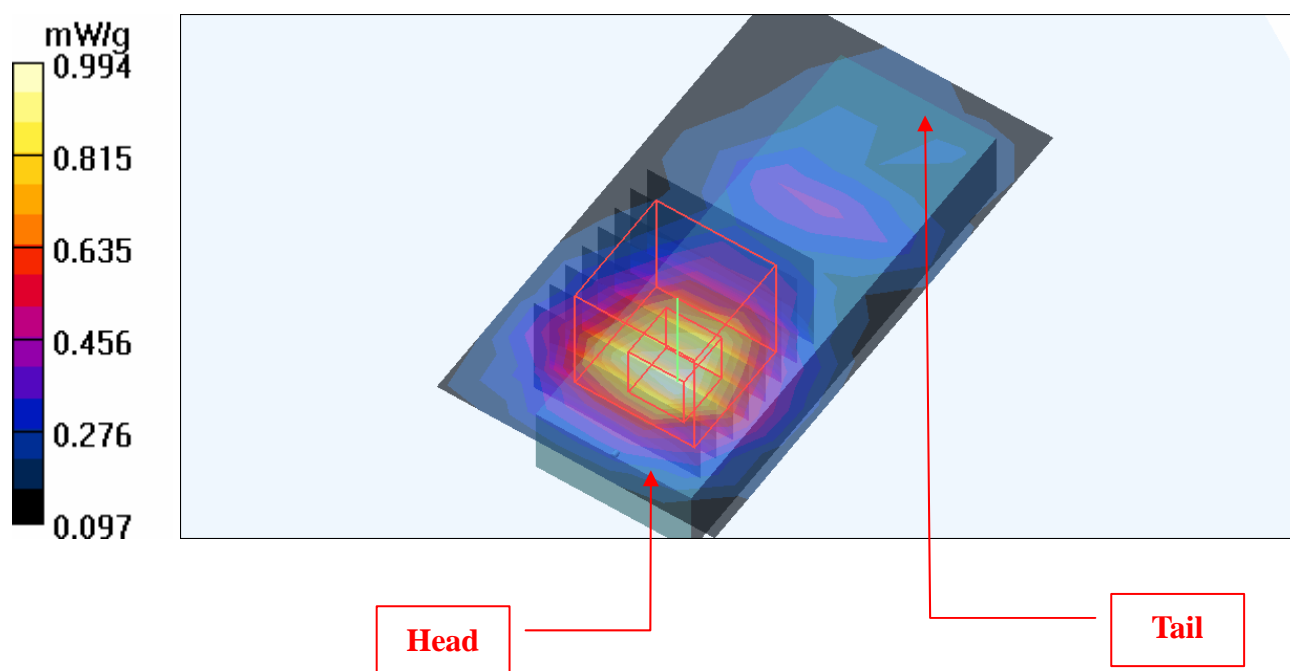
Mid Channel 136/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.08 V/m

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.940 mW/g



Test Laboratory: Bureau Veritas ADT

M02-11aN 20M-Ch140

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5700 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 49.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 140/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.971 mW/g

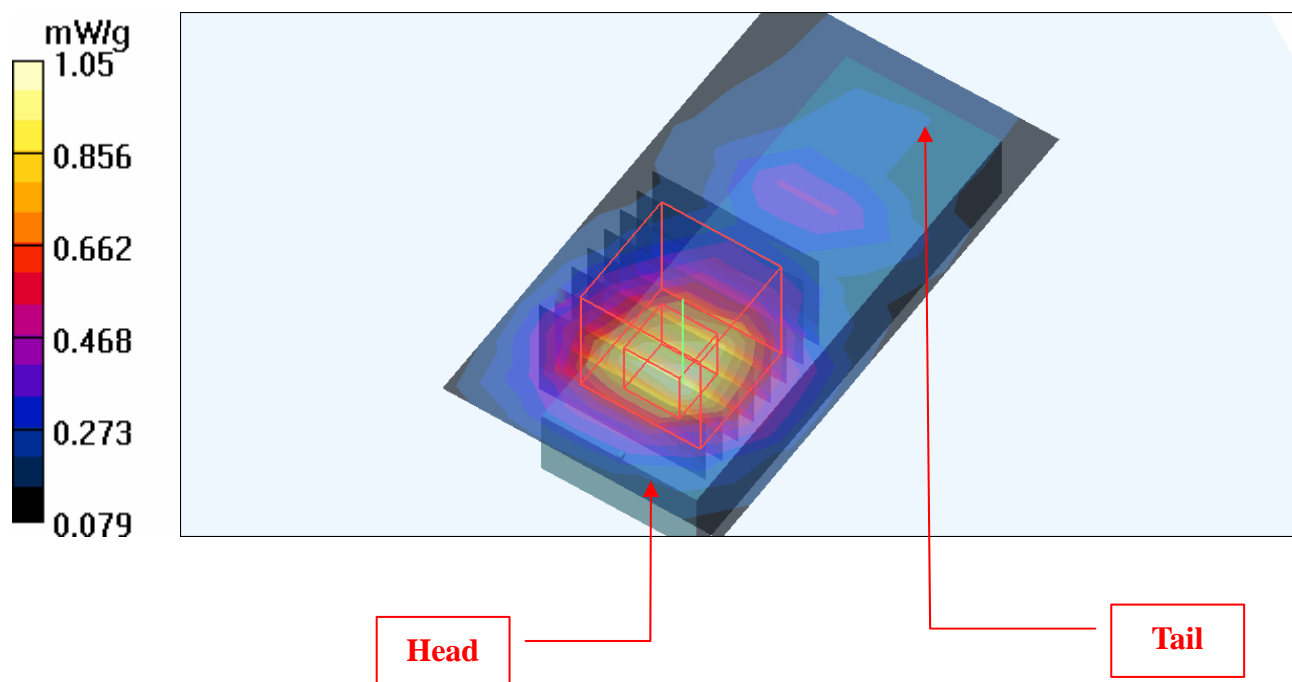
High Channel 140/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.01 V/m

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch38**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5190 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.2$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 38/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.28 mW/g

Low Channel 38/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.62 V/m

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 1.29 mW/g

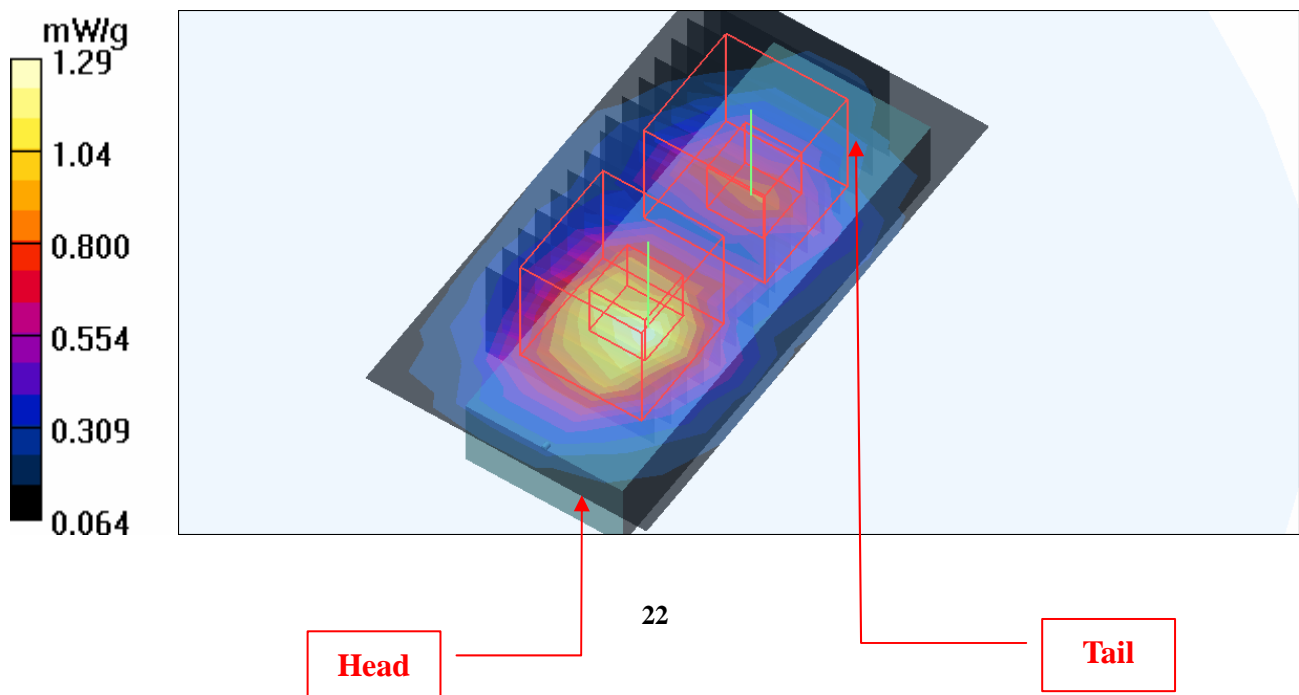
Low Channel 38/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.62 V/m

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.795 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch46

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5230 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 5.26 \text{ mho/m}$; $\epsilon_r = 50.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 46/Area Scan (6x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.19 mW/g

High Channel 46/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 9.79 V/m

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.402 mW/g

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

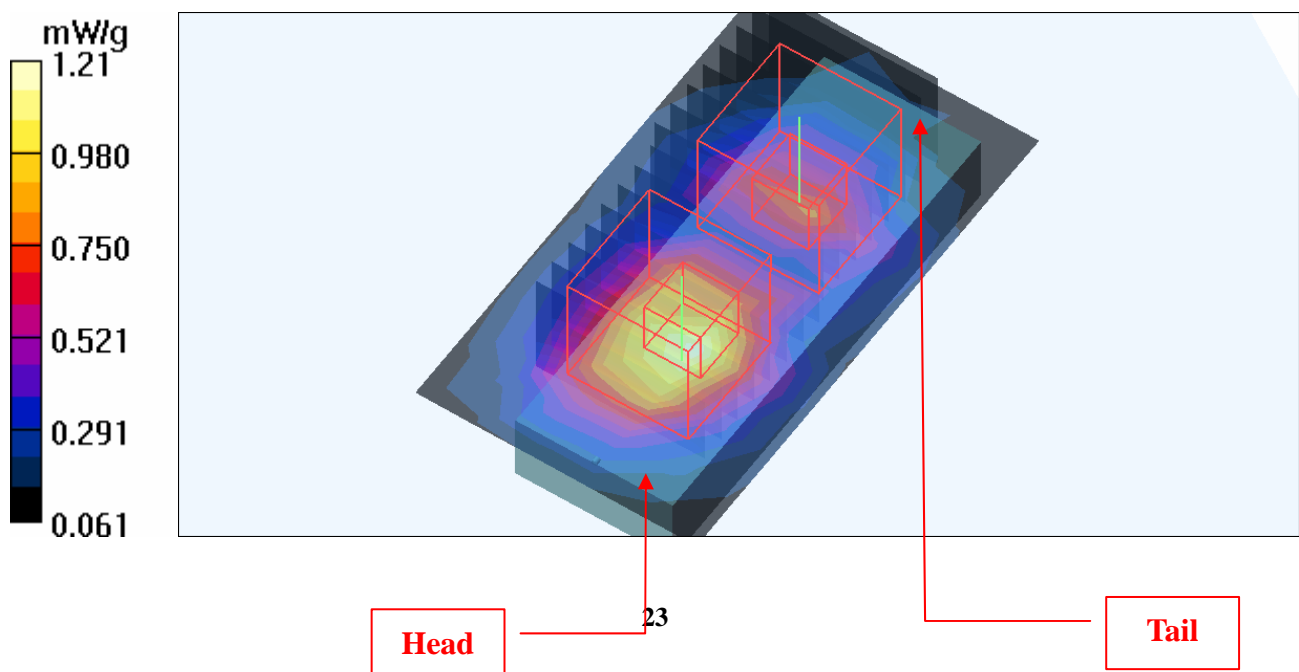
High Channel 46/Zoom Scan (8x8x8)/Cube 1: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 9.79 V/m

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch54

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5270 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 54/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.33 mW/g

Low Channel 54/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.462 mW/g

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

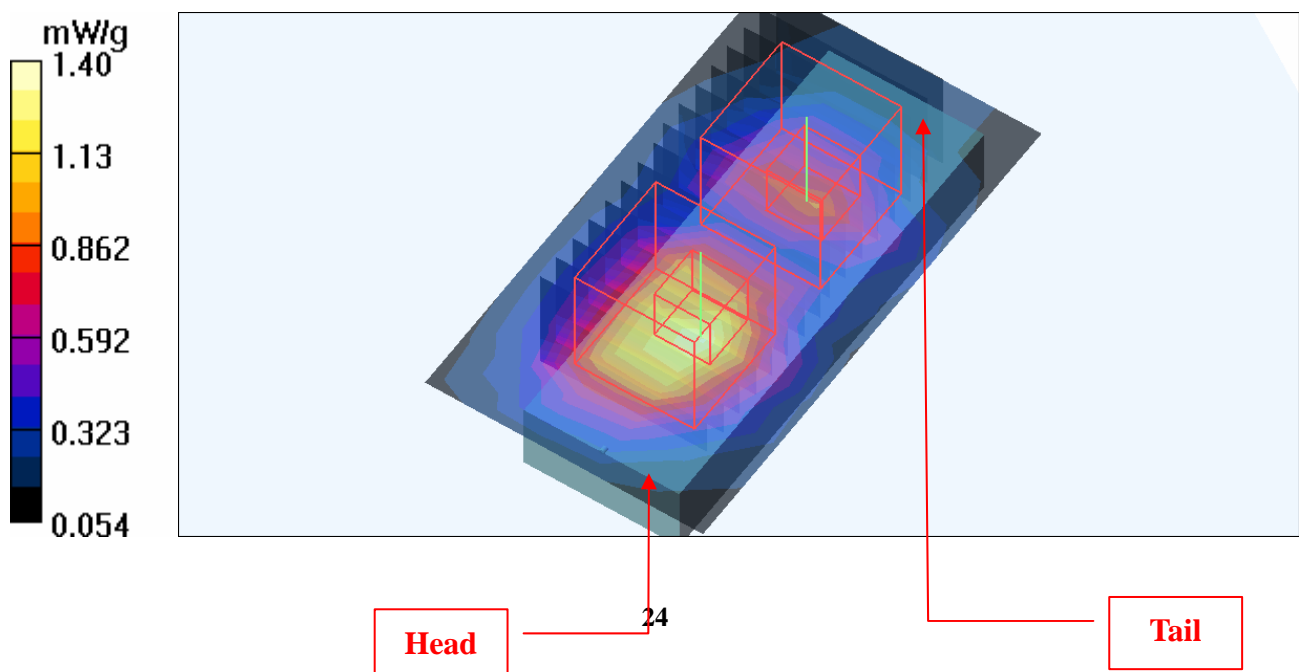
Low Channel 54/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.872 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch62

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5310 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 62/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.23 mW/g

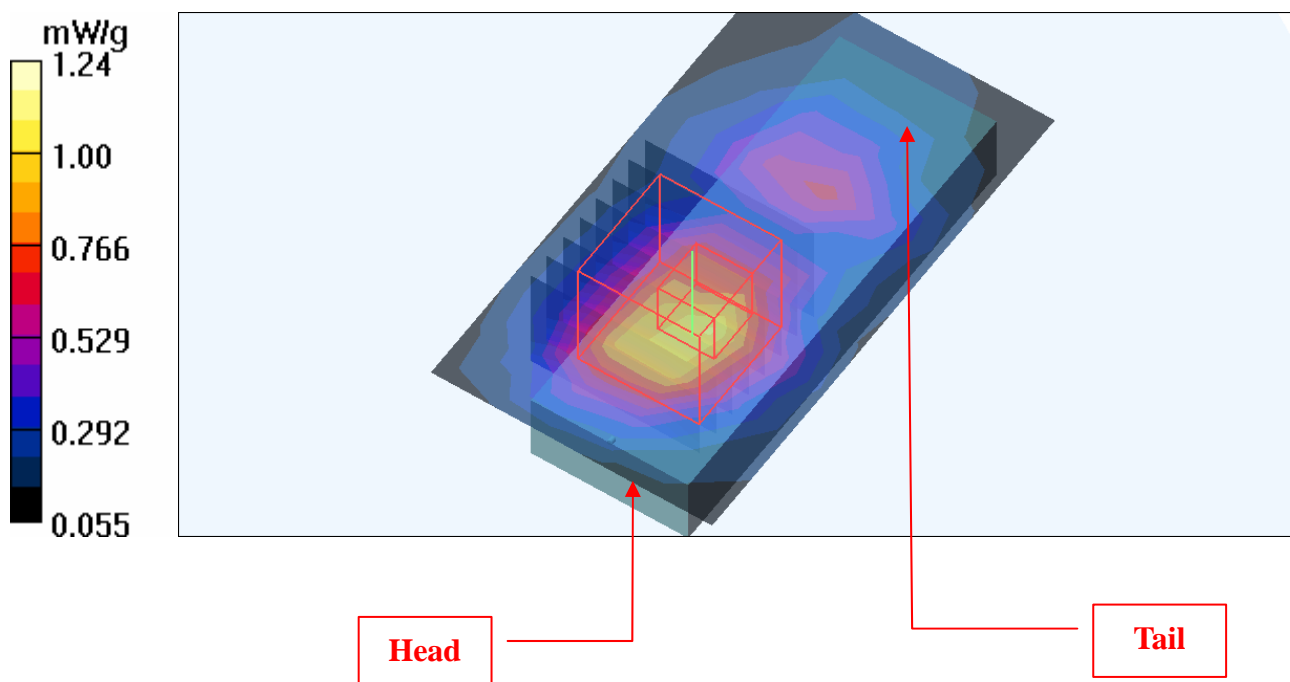
High Channel 62/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch102

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5510 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.67$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 102/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.913 mW/g

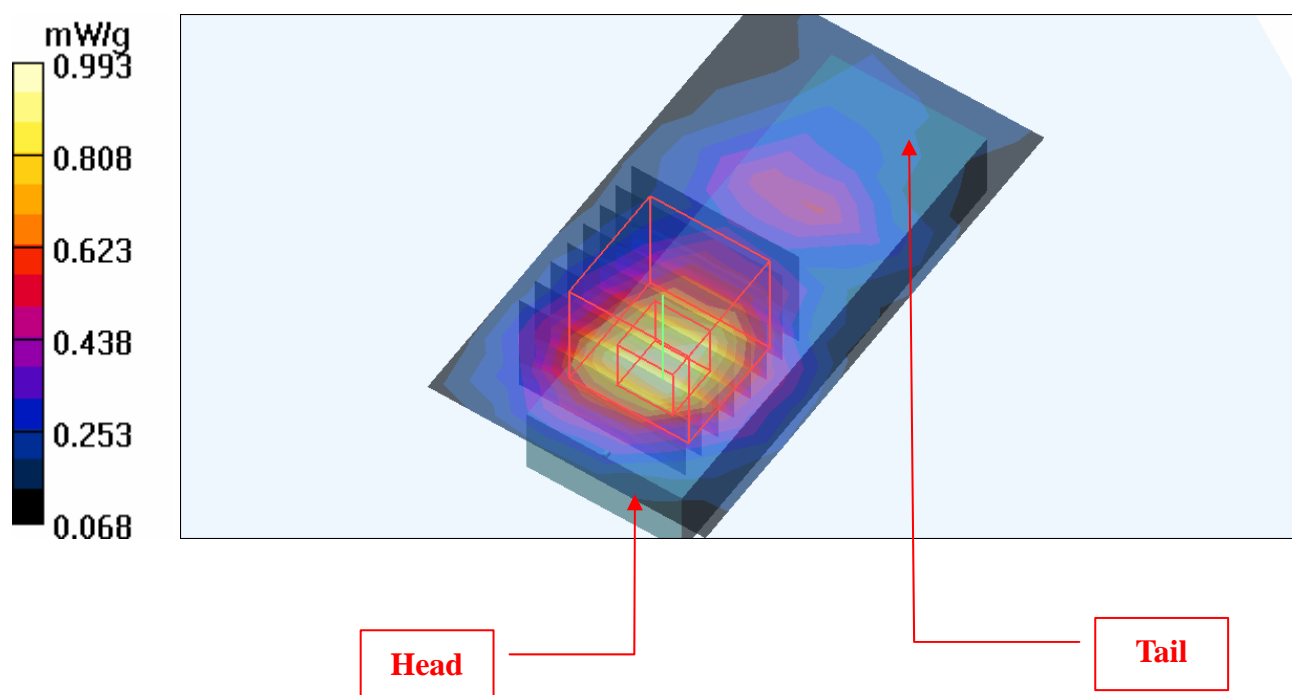
Low Channel 102/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.24 V/m

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.993 mW/g



Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch118**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5590 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5590$ MHz; $\sigma = 5.78$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 118/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.13 mW/g

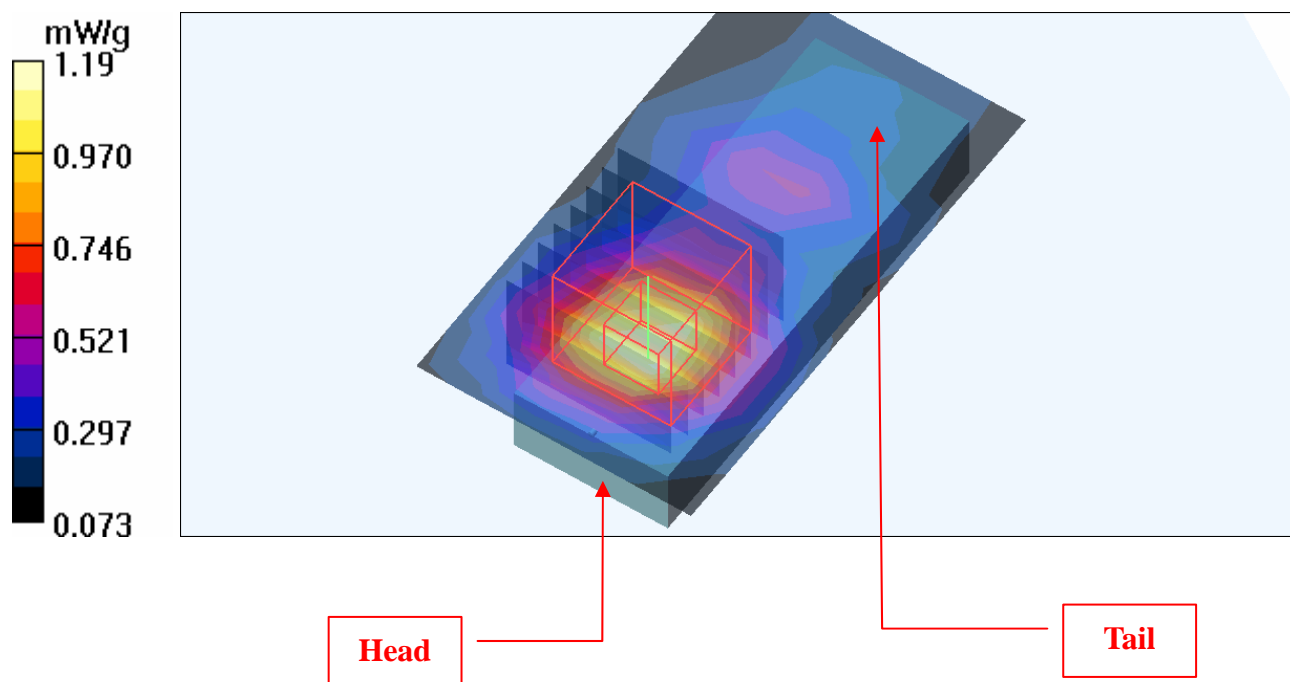
Mid Channel 118/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Date/Time: 2009/4/18 17:59:21

Test Laboratory: Bureau Veritas ADT

M03-11aN 40M-Ch134

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5670 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.9$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The bottom side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

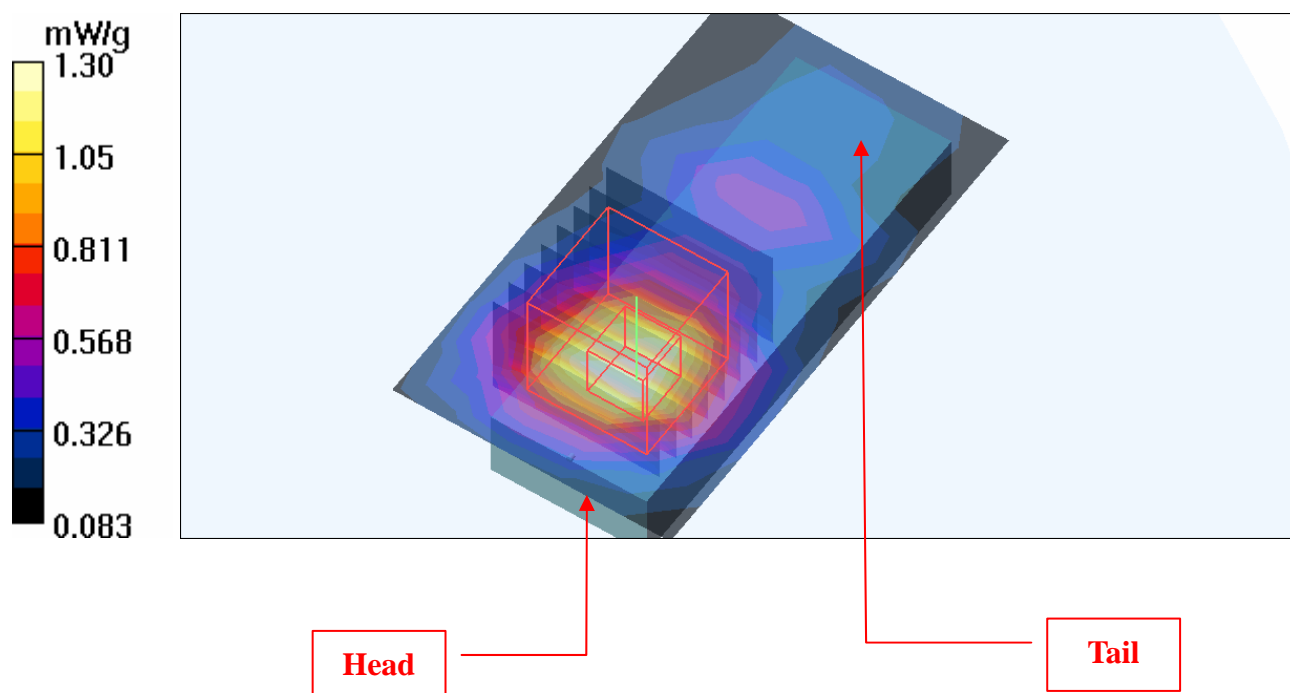
High Channel 134/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.30 mW/g

High Channel 134/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = **0.981** mW/g; SAR(10 g) = **0.478** mW/g



Test Laboratory: Bureau Veritas ADT

M04-11a-Ch48**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.27$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 48/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.341 mW/g

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

Reference Value = 4.93 V/m

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.365 mW/g

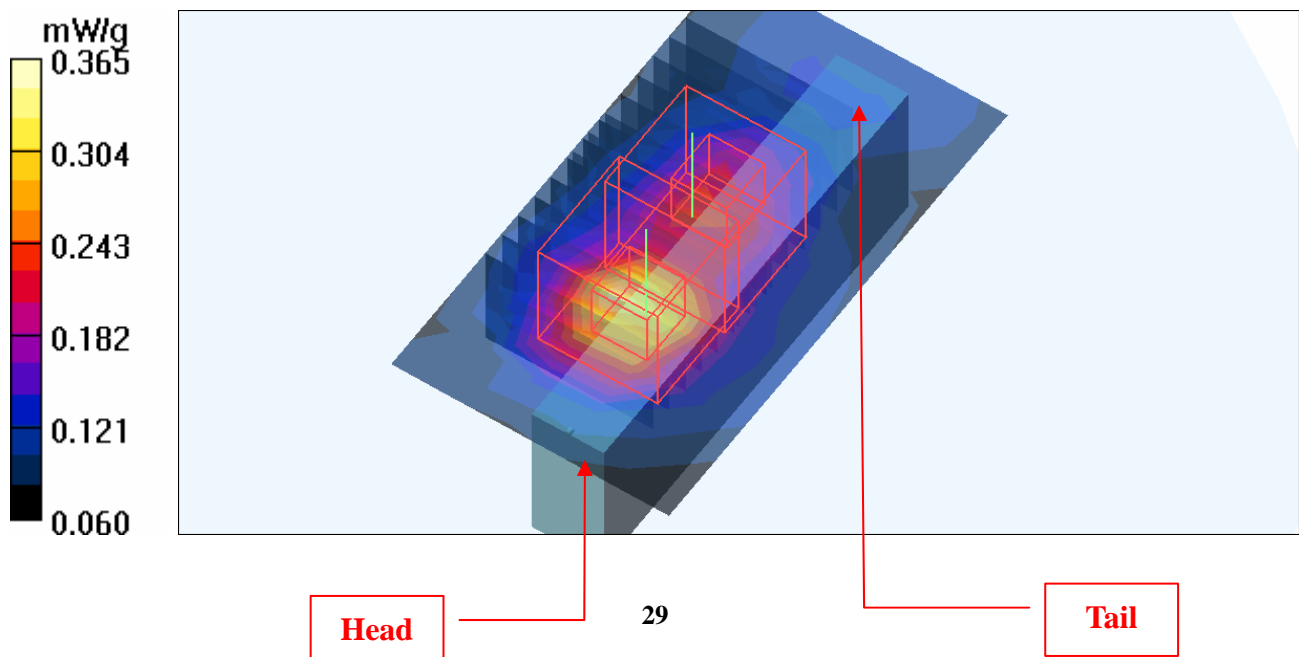
High Channel 48/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.93 V/m

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.290 mW/g



Test Laboratory: Bureau Veritas ADT

M04-11a-Ch52**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.481 mW/g

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

Reference Value = 5.70 V/m

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.557 mW/g

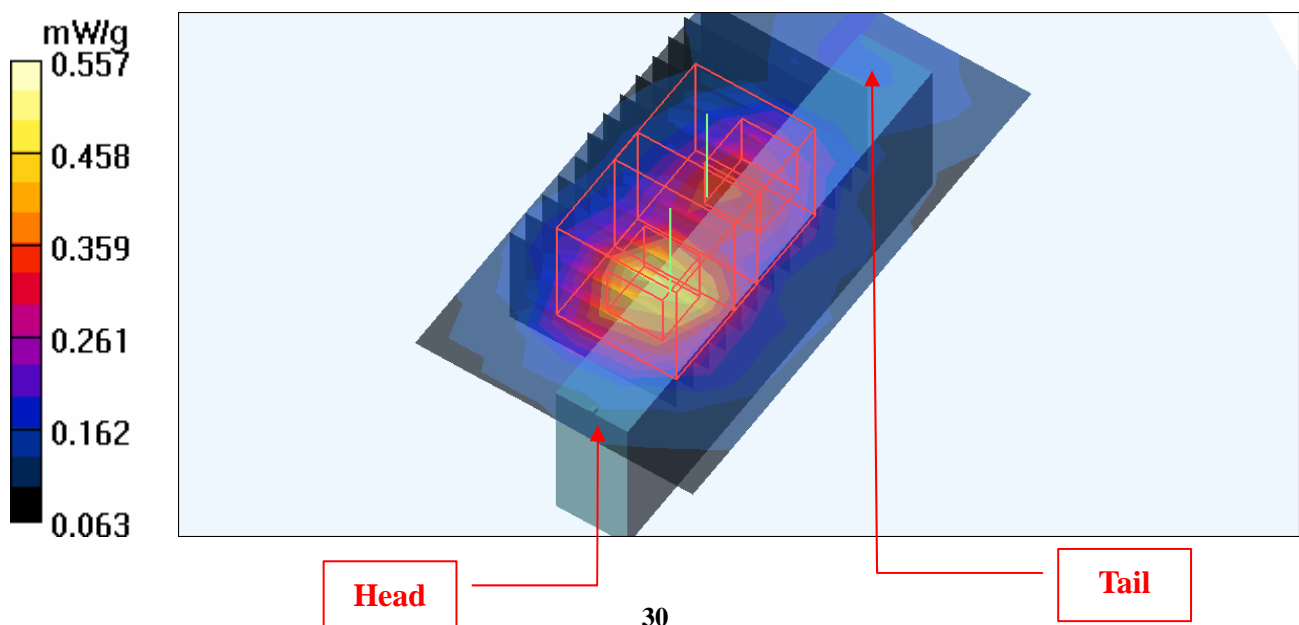
Low Channel 52/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.70 V/m

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



Test Laboratory: Bureau Veritas ADT

M04-11a-Ch140**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 802.11a ; Frequency: 5700 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL5800 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 49.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 140/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.419 mW/g

High Channel 140/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.74 V/m

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.487 mW/g

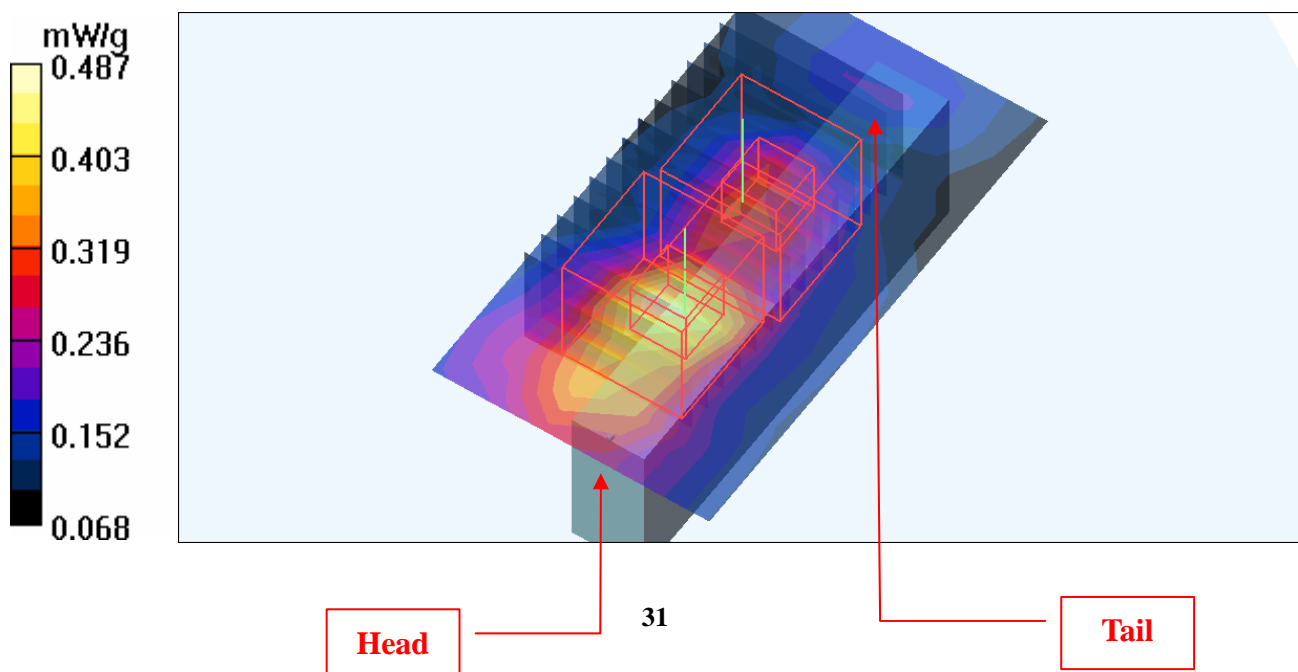
High Channel 140/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.74 V/m

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.369 mW/g



Test Laboratory: Bureau Veritas ADT

M05-11aN 20M-Ch40**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5200 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 40/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.327 mW/g

Mid Channel 40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.96 V/m

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.385 mW/g

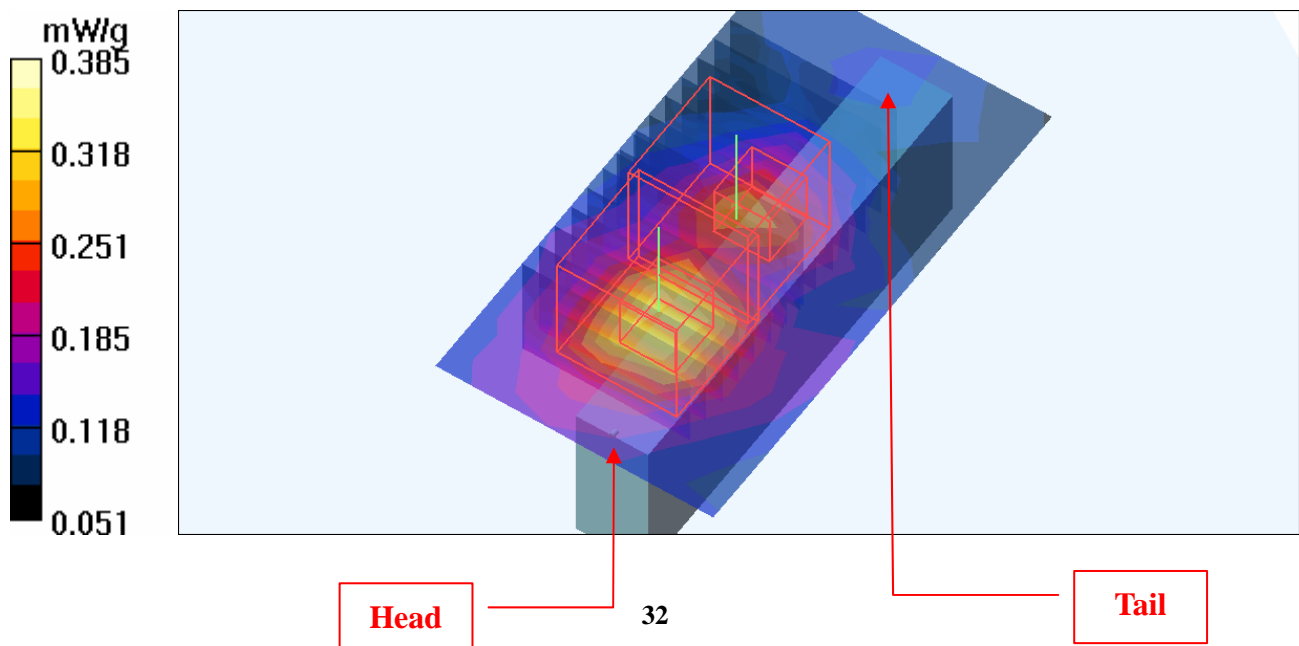
Mid Channel 40/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.96 V/m

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



Test Laboratory: Bureau Veritas ADT

M05-11aN 20M-Ch52

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Separation distance : 5 mm (The edge side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.701 mW/g

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

Reference Value = 9.27 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.784 mW/g

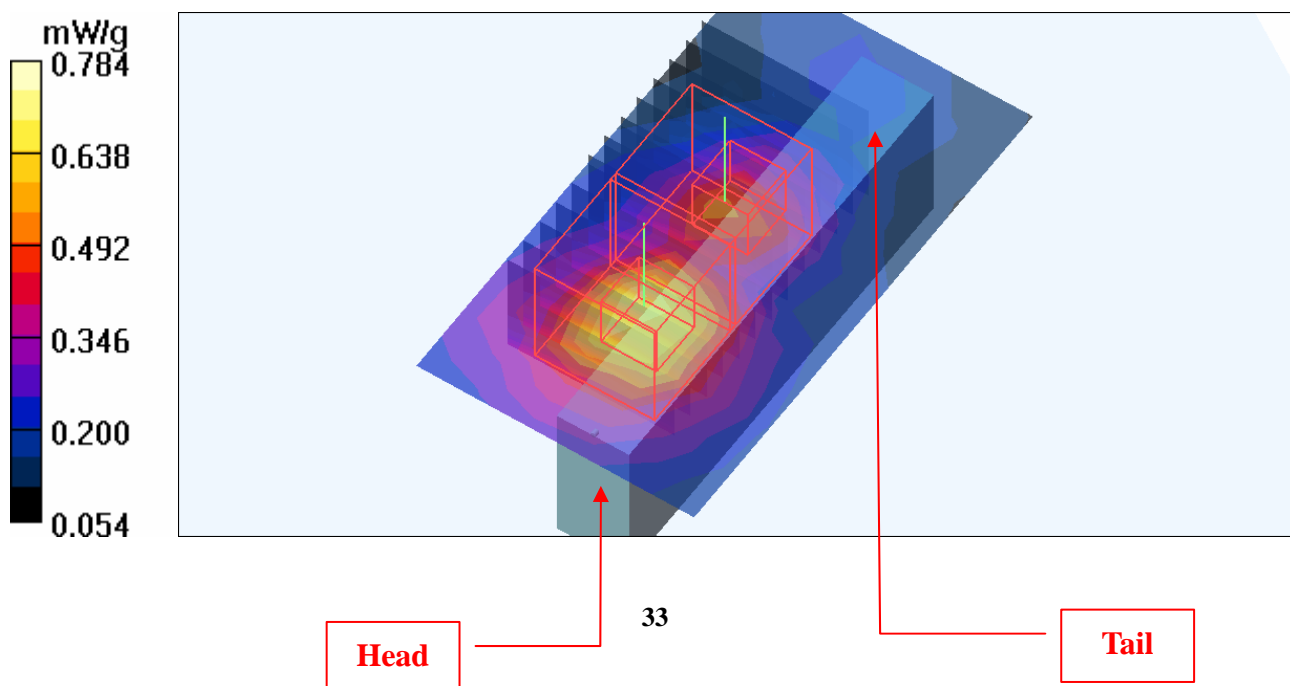
Low Channel 52/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.27 V/m

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



Test Laboratory: Bureau Veritas ADT

M05-11aN 20M-Ch100

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5500 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.65$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 100/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.477 mW/g

Low Channel 100/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.83 V/m

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.504 mW/g

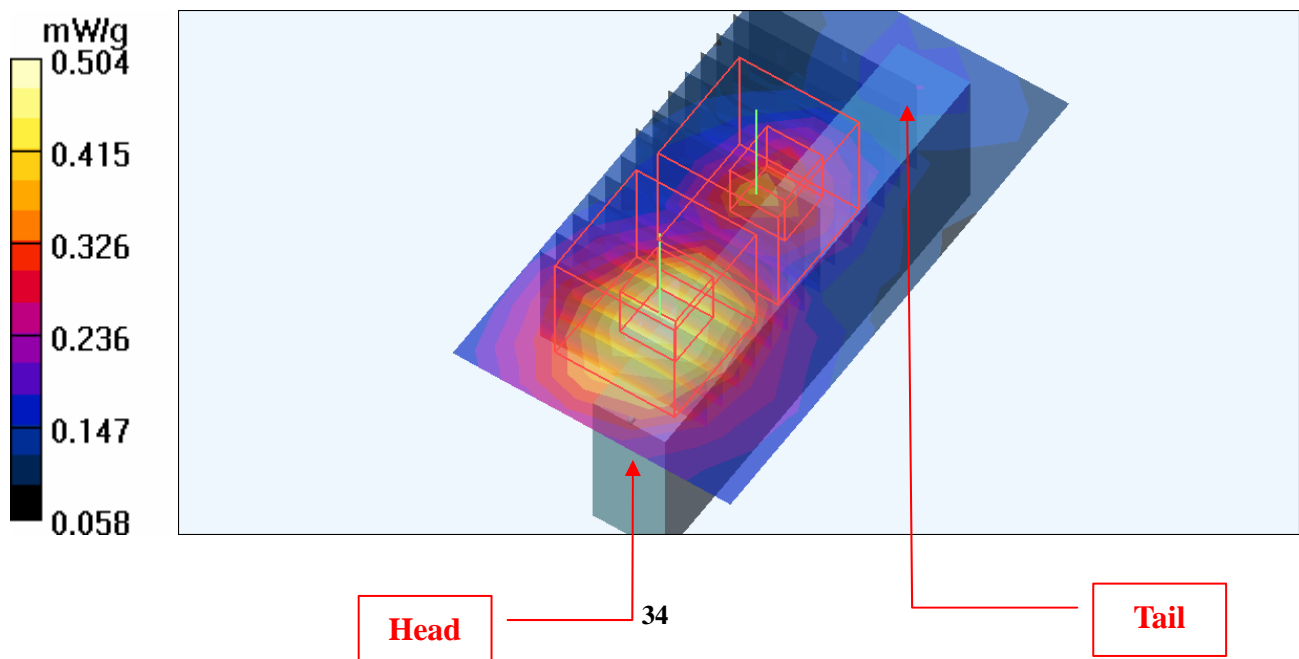
Low Channel 100/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.83 V/m

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.395 mW/g



Test Laboratory: Bureau Veritas ADT

M06-11aN 40M-Ch38

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5190 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.23$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 38/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.554 mW/g

Low Channel 38/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.27 V/m

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.218 mW/g

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

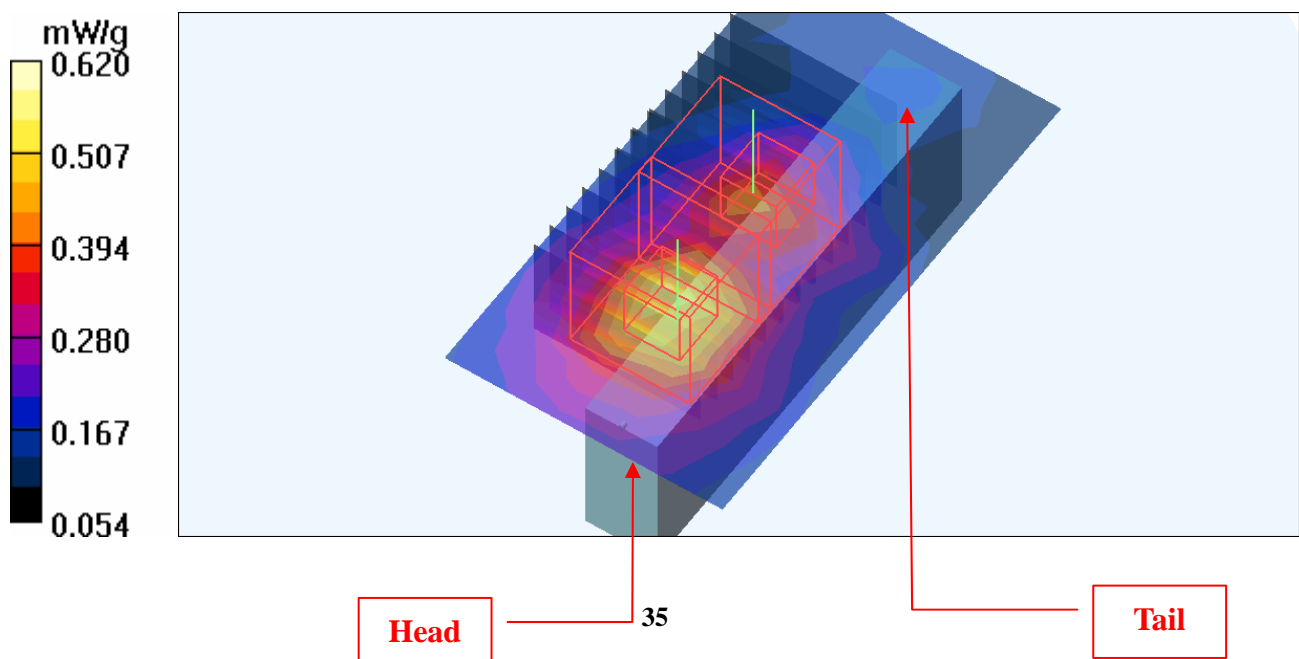
Low Channel 38/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.27 V/m

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.173 mW/g

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



Test Laboratory: Bureau Veritas ADT

M06-11aN 40M-Ch62**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5310 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 62/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.502 mW/g

High Channel 62/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.85 V/m

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.529 mW/g

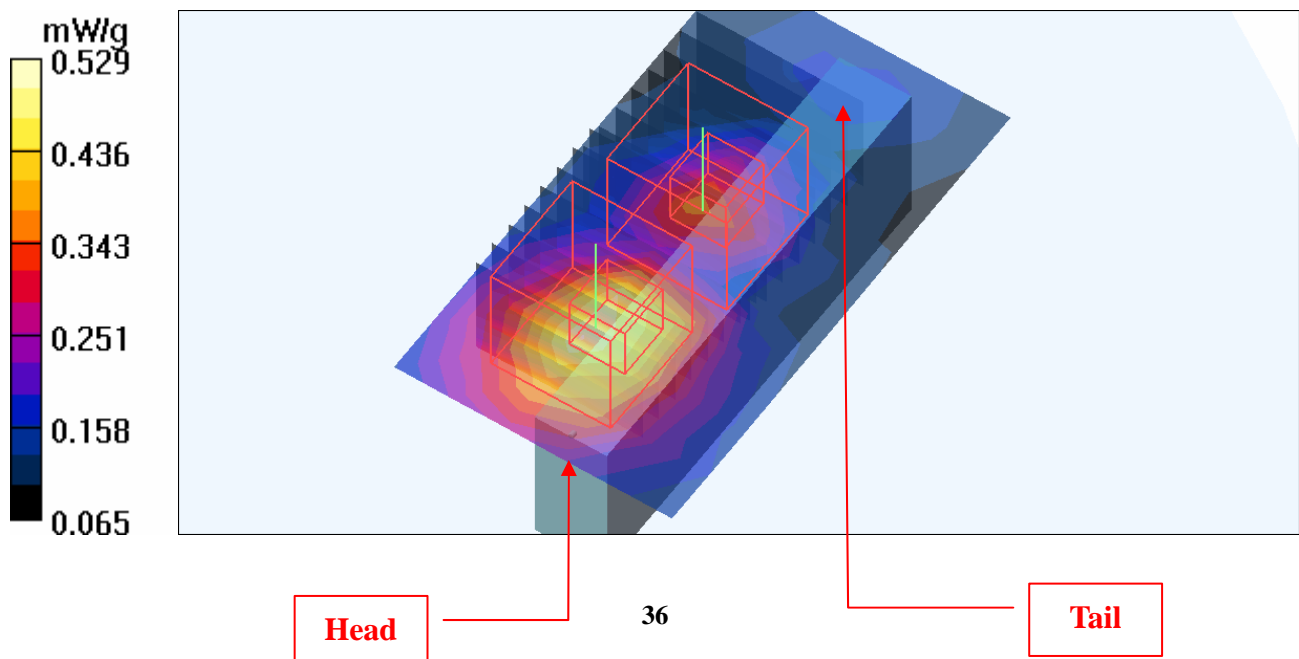
High Channel 62/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.85 V/m

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



Test Laboratory: Bureau Veritas ADT

M06-11aN 40M-Ch102**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5510 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.7$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 102/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.569 mW/g

Low Channel 102/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.19 V/m

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.594 mW/g

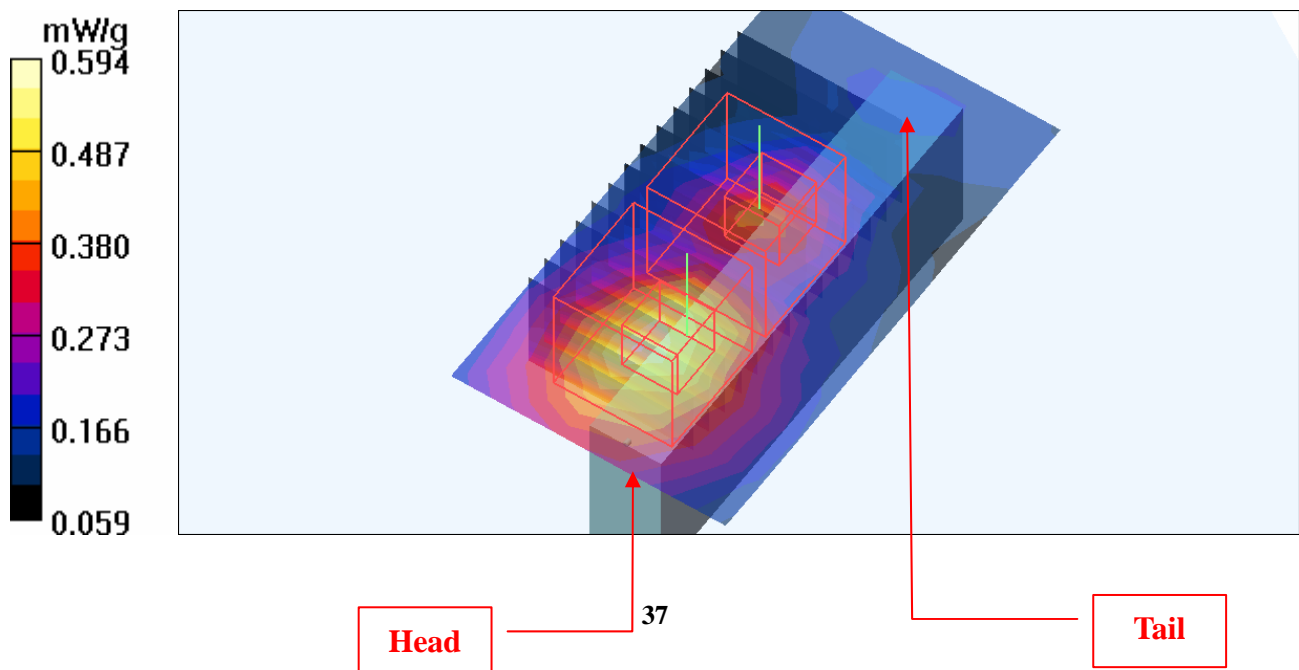
Low Channel 102/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.19 V/m

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.174 mW/g

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



Test Laboratory: Bureau Veritas ADT

M06-11aN 40M-Ch118**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5590 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5590$ MHz; $\sigma = 5.81$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 118/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.717 mW/g

Mid Channel 118/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.0 V/m

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 0.746 mW/g

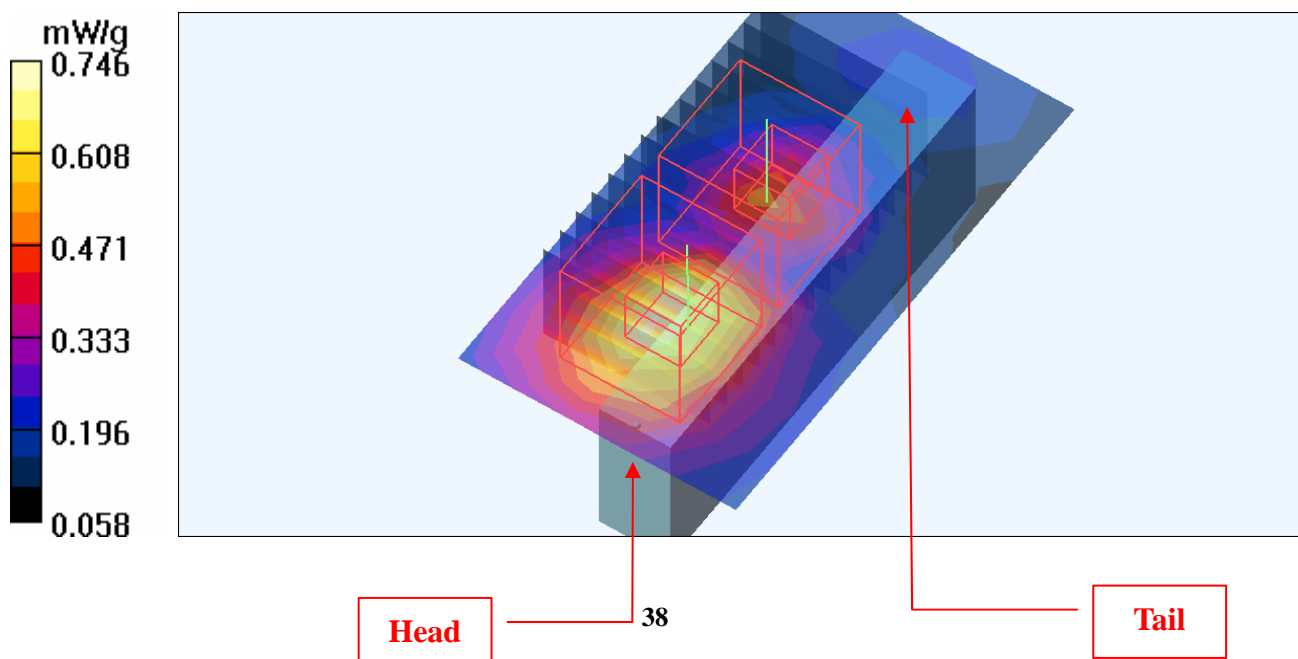
Mid Channel 118/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.0 V/m

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.556 mW/g



Test Laboratory: Bureau Veritas ADT

M06-11aN 40M-Ch134

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5670 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 134/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.789 mW/g

High Channel 134/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.0 V/m

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.865 mW/g

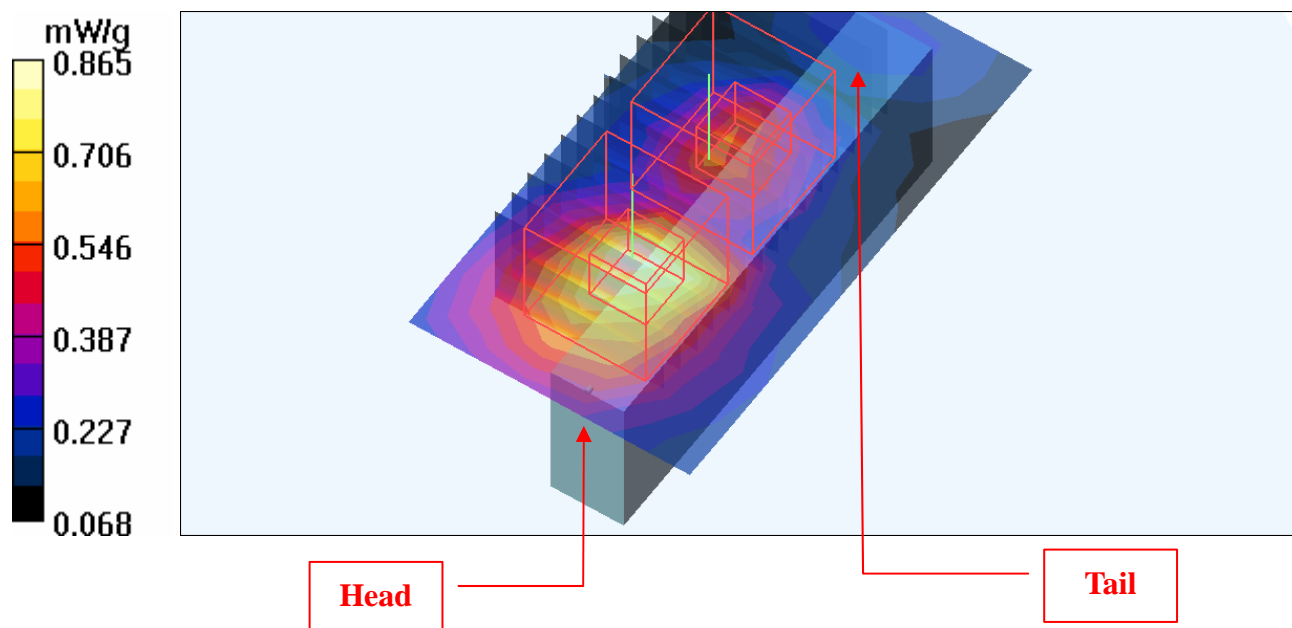
High Channel 134/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.0 V/m

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.213 mW/g

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



Test Laboratory: Bureau Veritas ADT

M07-11a-Ch48

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 48/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.392 mW/g

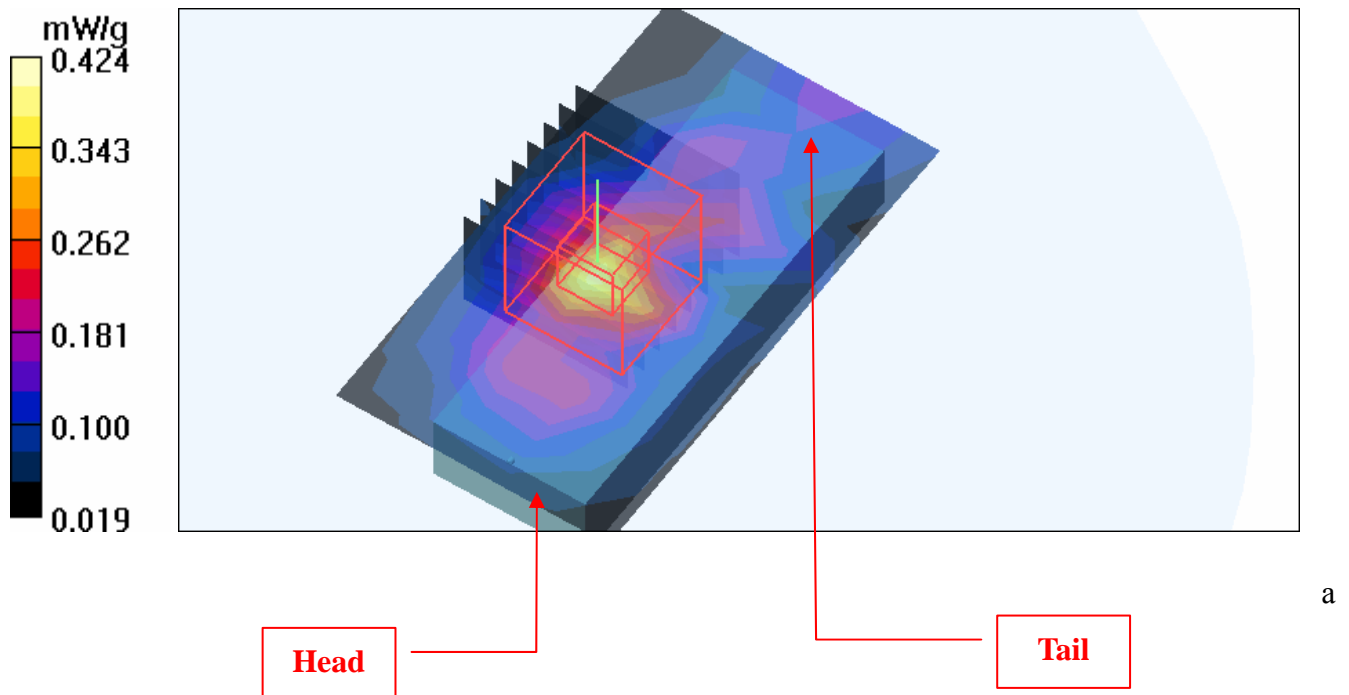
High Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.39 V/m

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.424 mW/g



Test Laboratory: Bureau Veritas ADT

M07-11a-Ch52

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.601 mW/g

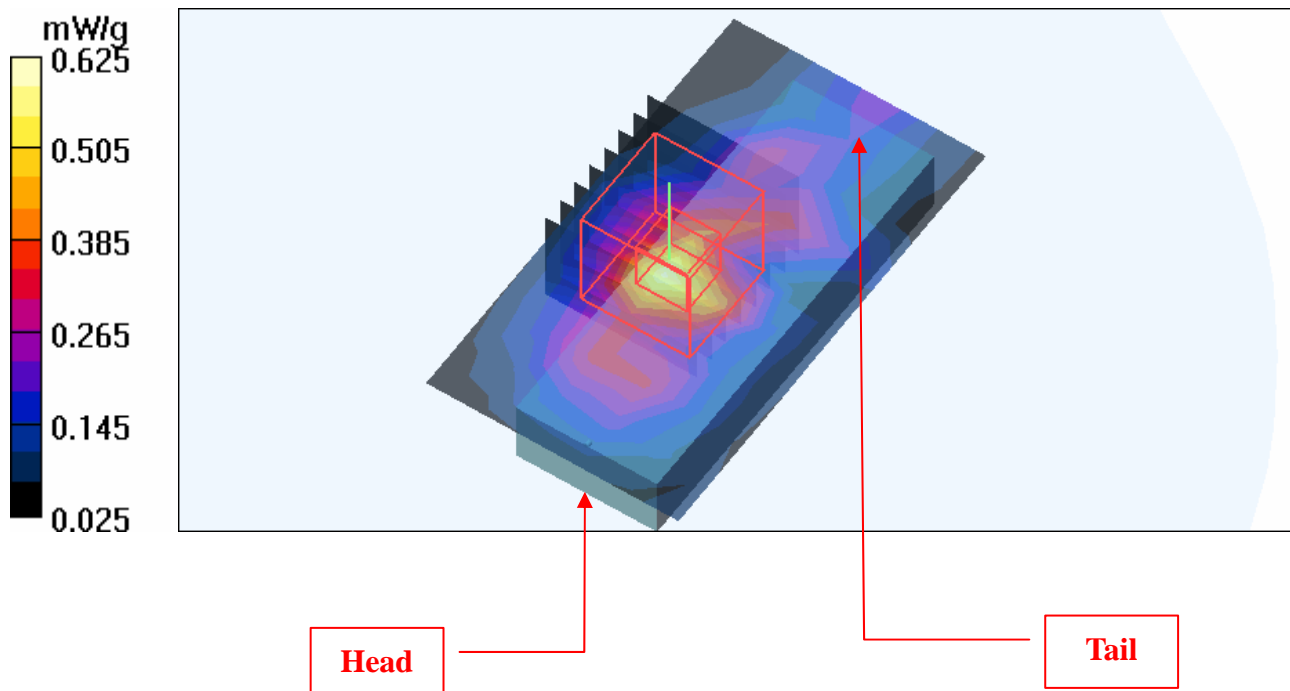
Low Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.48 V/m

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.625 mW/g



Test Laboratory: Bureau Veritas ADT

M07-11a-Ch140

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 802.11a ; Frequency: 5700 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
 Medium: MSL5800 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section ; Separation distance : 5 mm (The front side of the EUT to the Phantom)

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 140/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.523 mW/g

High Channel 140/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.35 V/m

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.539 mW/g

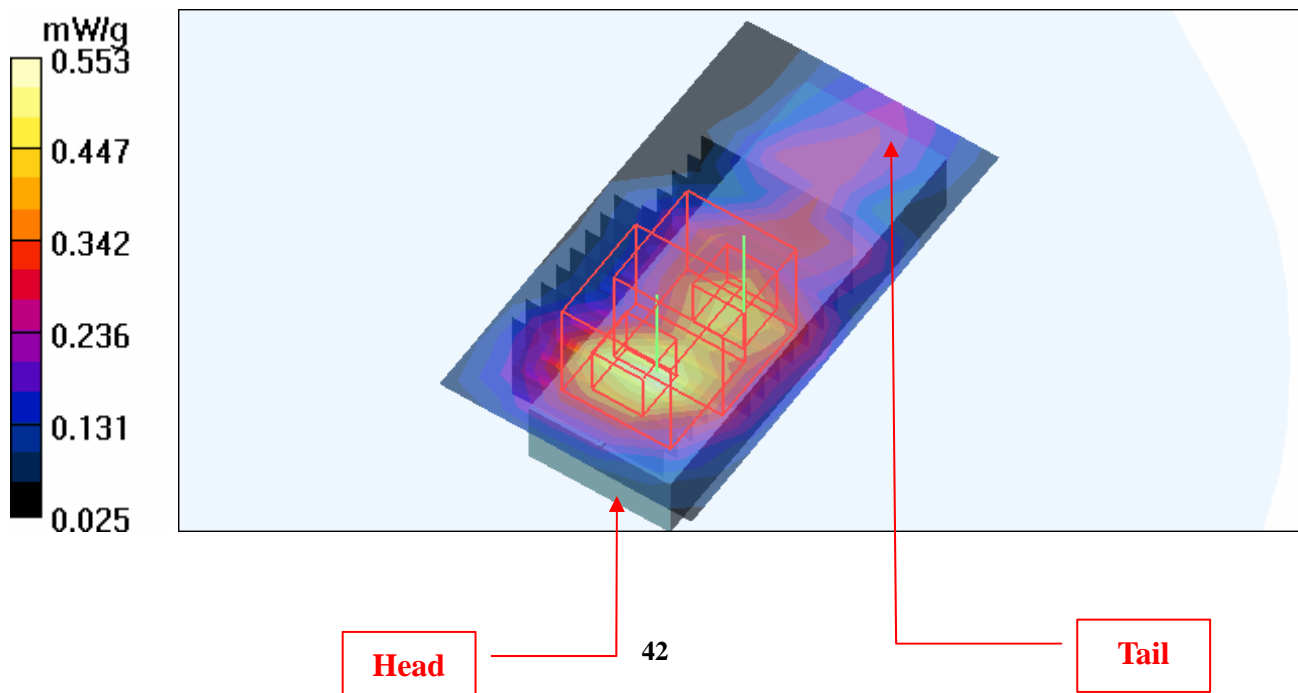
High Channel 140/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.35 V/m

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.553 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch40**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5200 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.24$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid. Channel 40/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

Mid. Channel 40/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.13 V/m

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.574 mW/g

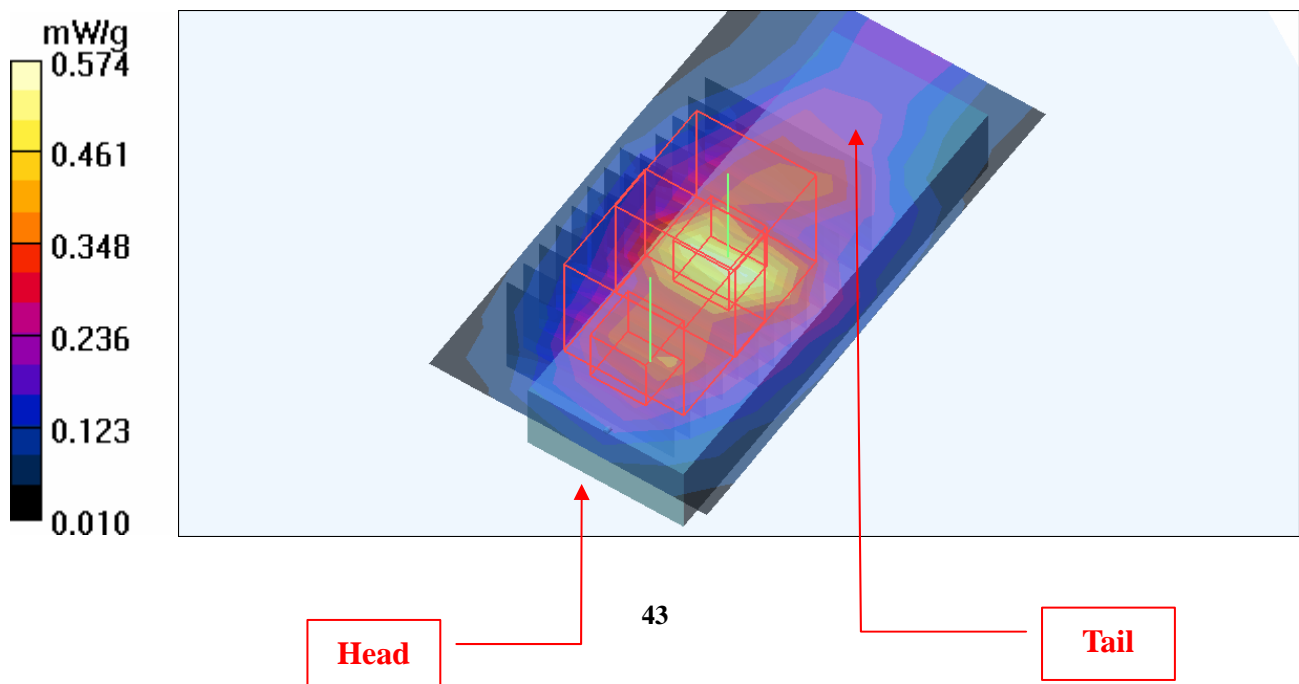
Mid. Channel 40/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.13 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.498 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch52**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 52/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 1.25 mW/g

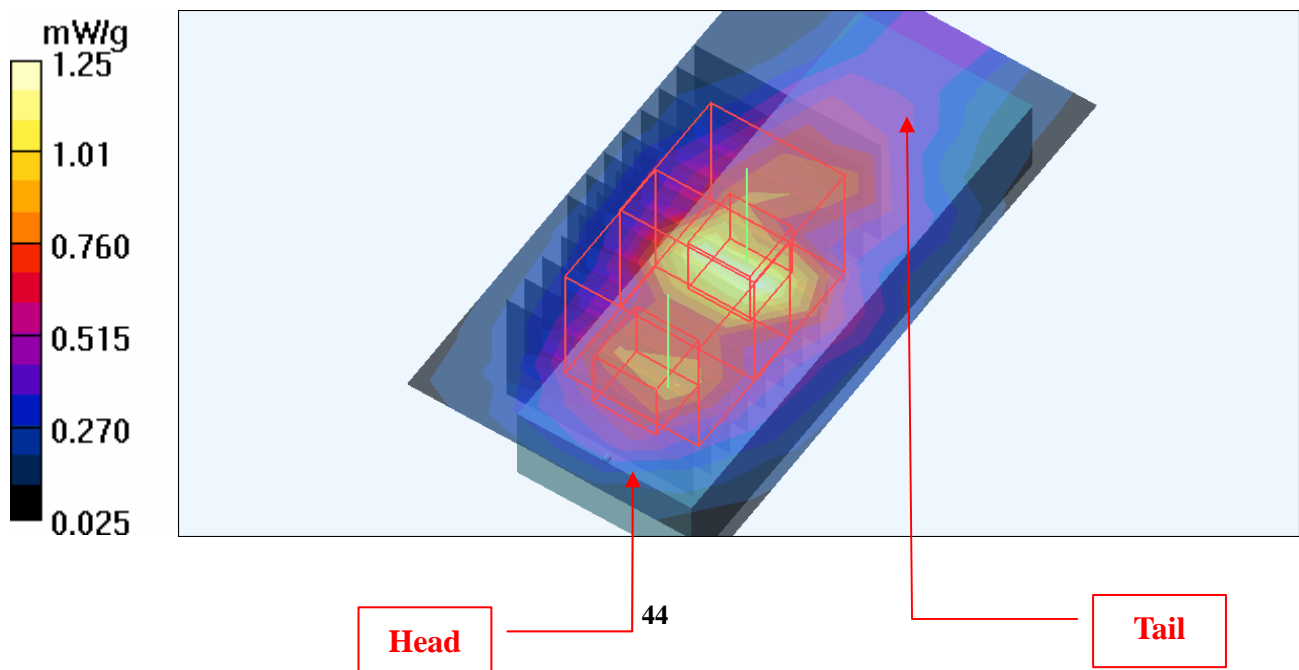
Low Channel 52/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch60

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5300 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.39 \text{ mho/m}$; $\epsilon_r = 50.6$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid. Channel 60/Area Scan (6x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.16 mW/g

Mid. Channel 60/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 1.24 mW/g

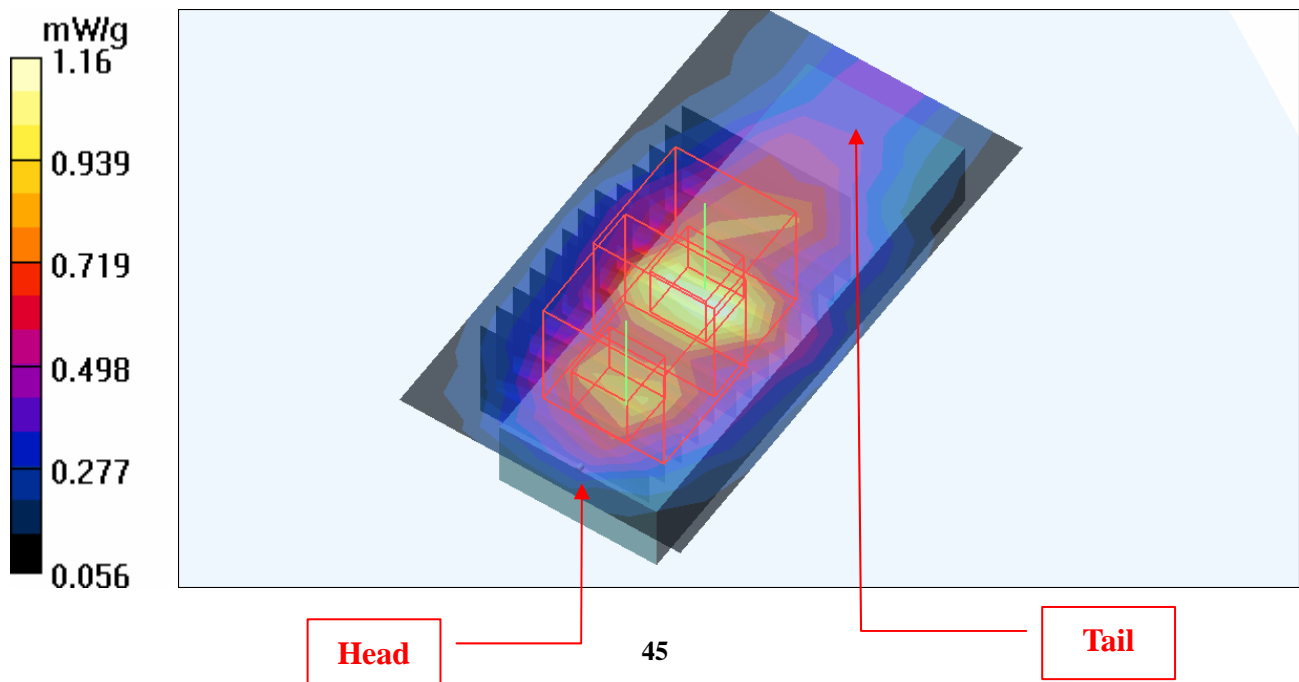
Mid. Channel 60/Zoom Scan (8x8x8)/Cube 1: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.913 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch64**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5320 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 64/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 1.16 mW/g

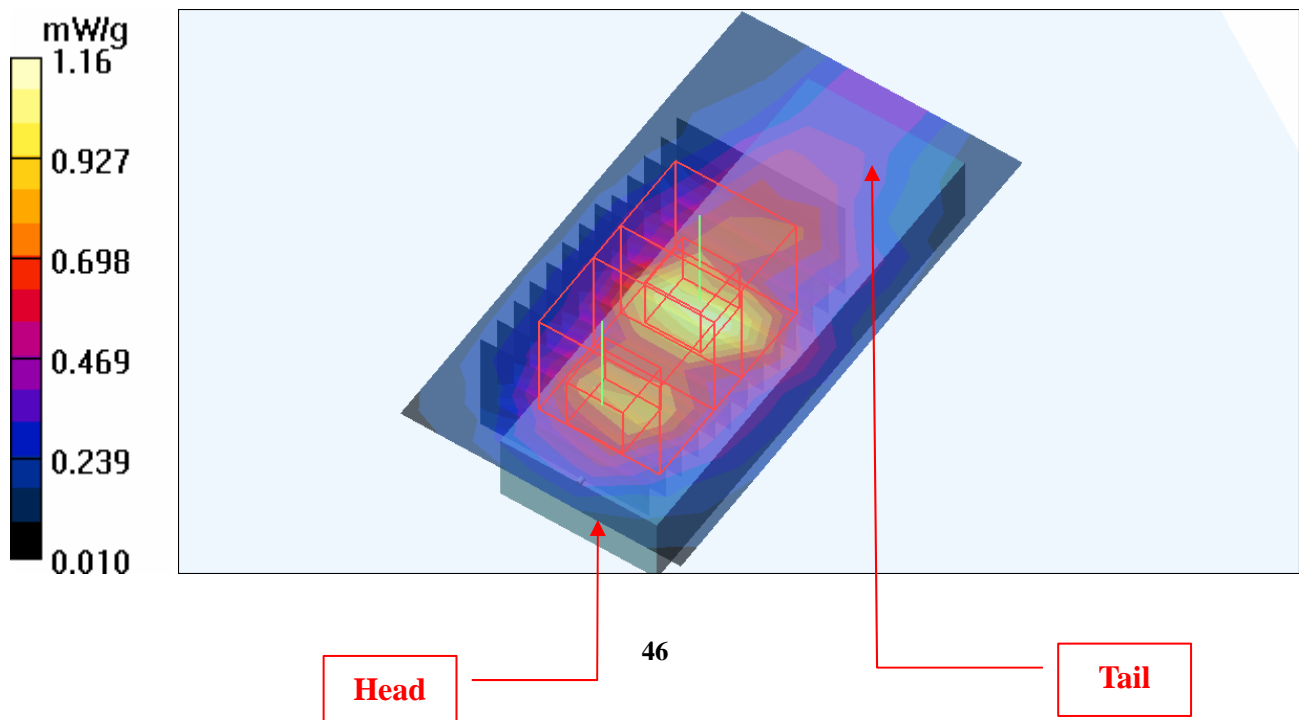
High Channel 64/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.888 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch100

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5500 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 100/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.643 mW/g

Low Channel 100/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.675 mW/g

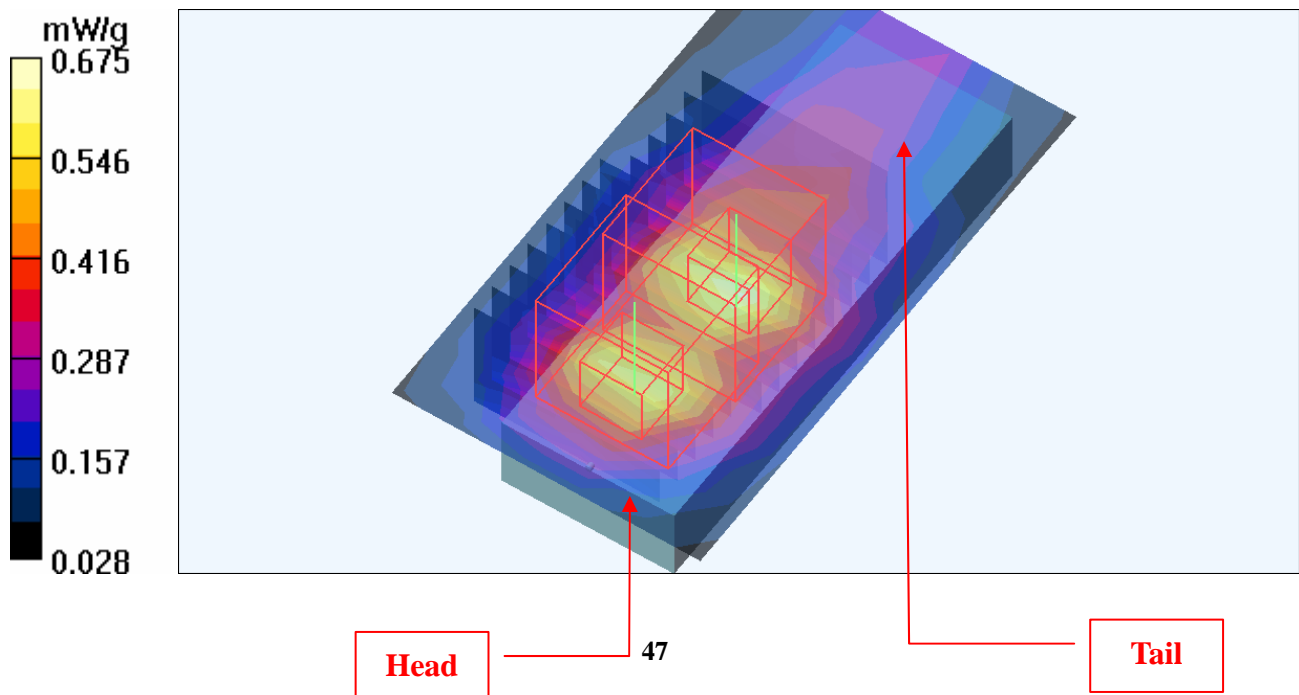
Low Channel 100/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.210 mW/g

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



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch104

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5520 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.71$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 104/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.654 mW/g

Mid Channel 104/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.52 V/m

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.219 mW/g

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

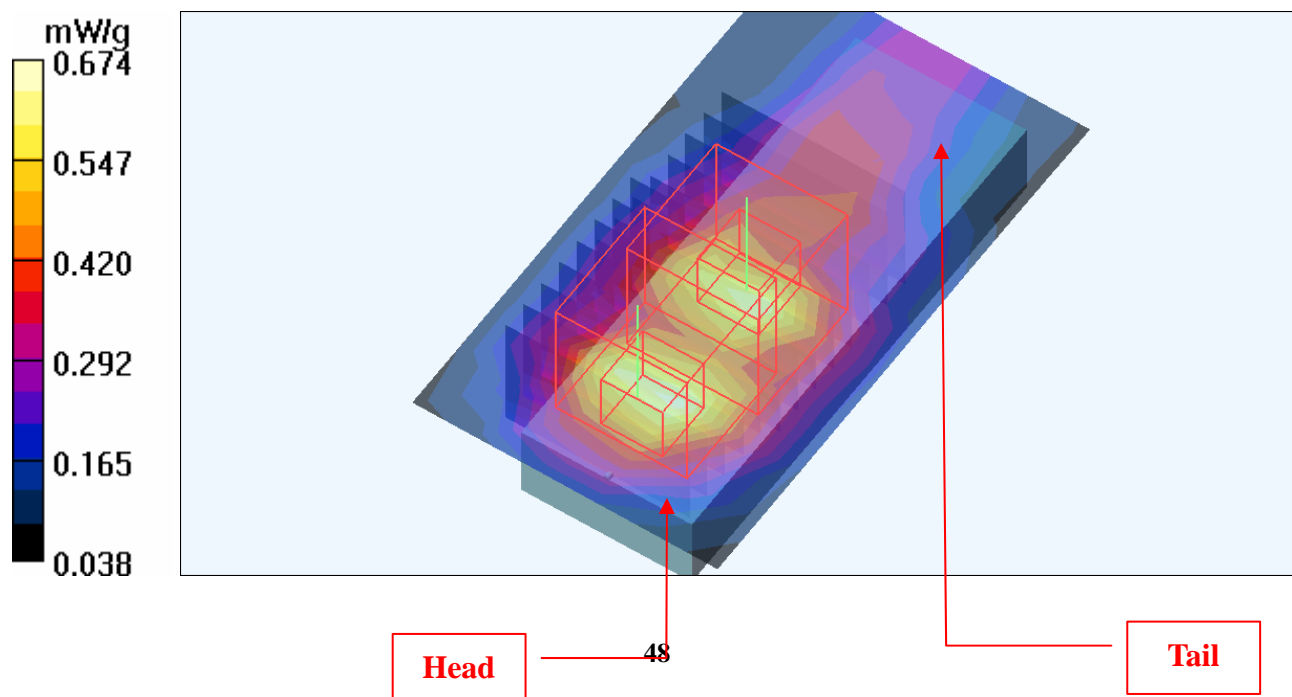
Mid Channel 104/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.52 V/m

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.660 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch116

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5580 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.79$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 116/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.670 mW/g

Mid Channel 116/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.02 V/m

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.743 mW/g

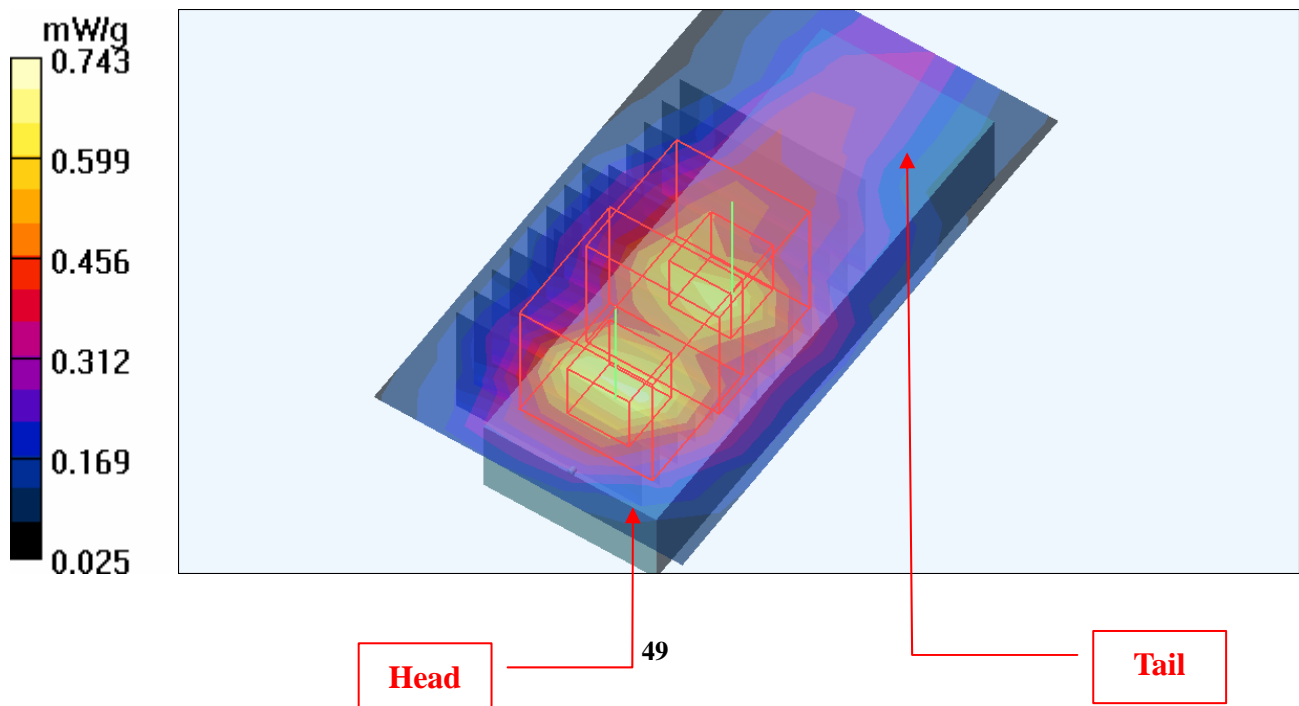
Mid Channel 116/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.02 V/m

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.718 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch120

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span20 ; Frequency: 5600 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 120/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.747 mW/g

Mid Channel 120/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.11 V/m

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.782 mW/g

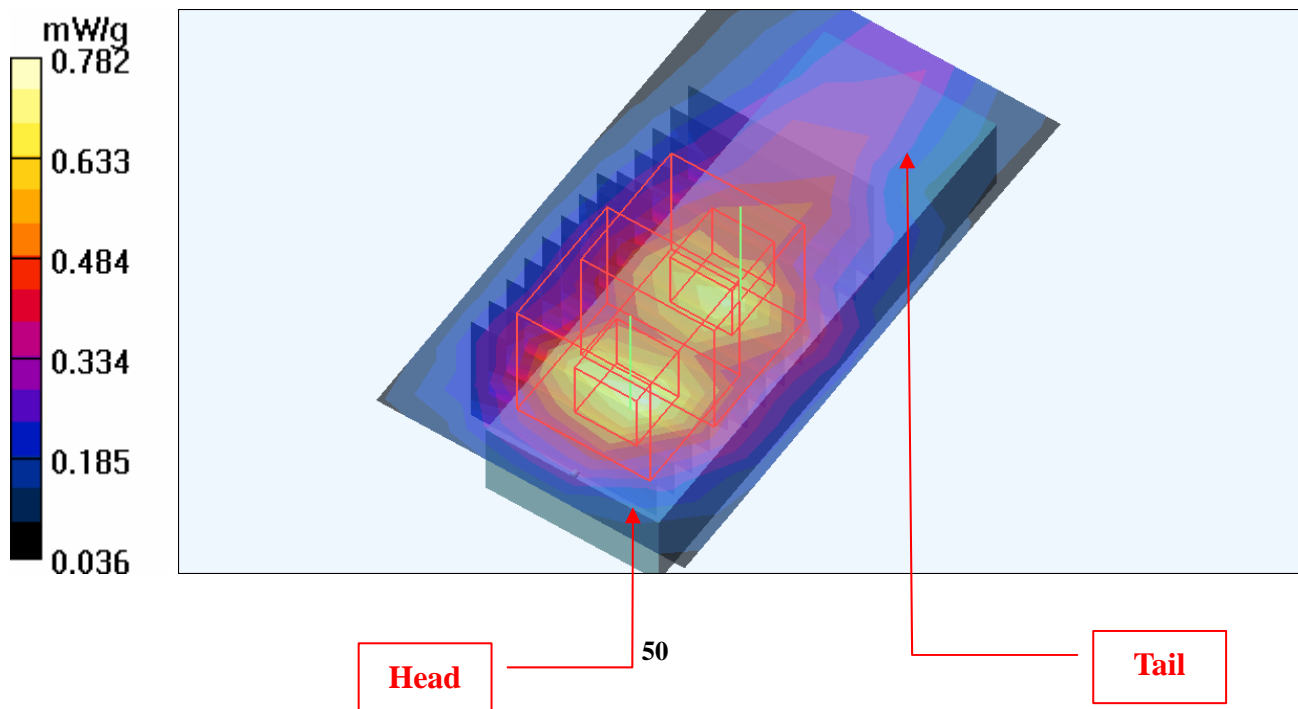
Mid Channel 120/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.11 V/m

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.704 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch124**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5620 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5620$ MHz; $\sigma = 5.86$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 124/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.691 mW/g

Mid Channel 124/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.20 V/m

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.725 mW/g

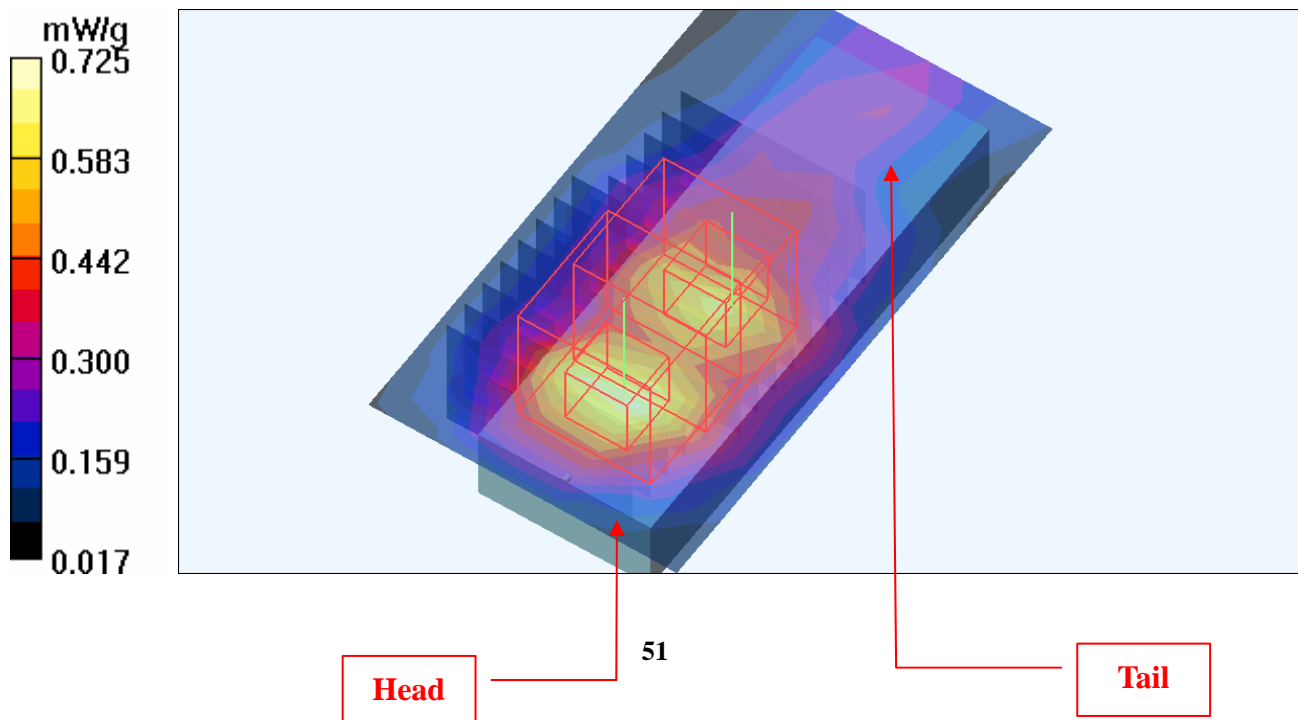
Mid Channel 124/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.20 V/m

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.670 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch136**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5680 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 136/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.764 mW/g

Mid Channel 136/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.86 V/m

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.763 mW/g

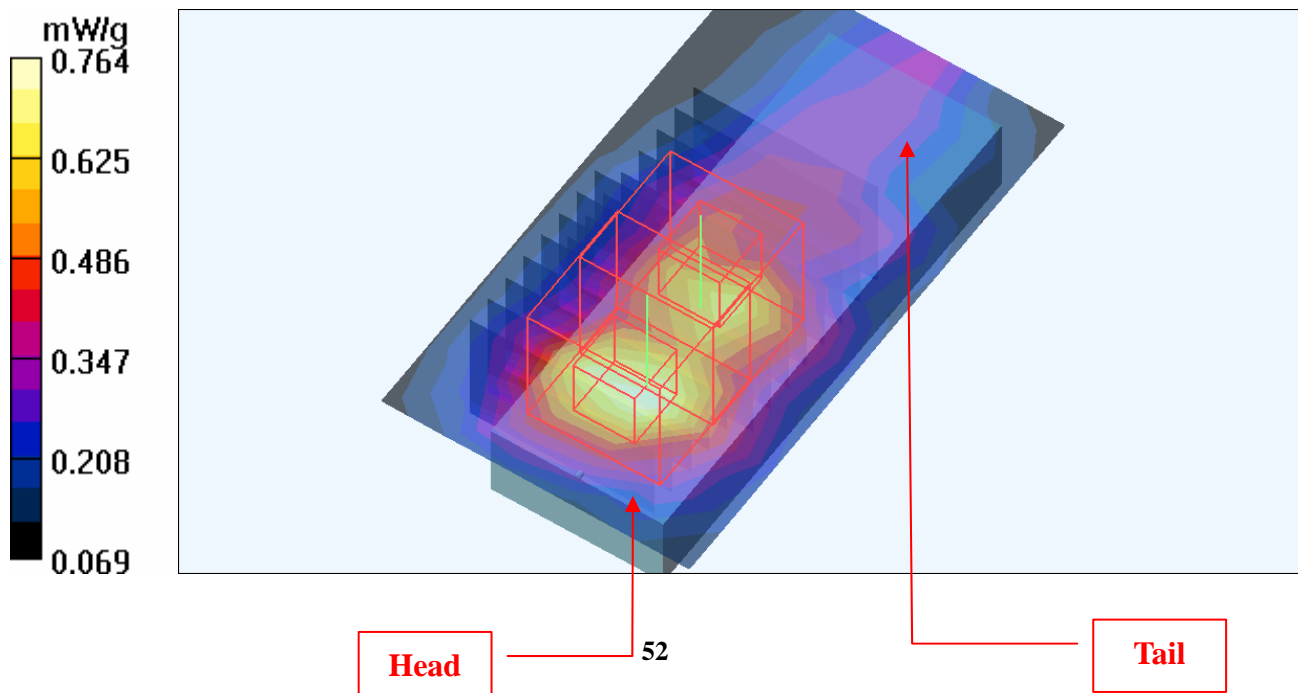
Mid Channel 136/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.86 V/m

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.695 mW/g



Test Laboratory: Bureau Veritas ADT

M08-11aN 20M-Ch140**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span20 ; Frequency: 5700 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 49.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 140/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.700 mW/g

High Channel 140/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.80 V/m

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.728 mW/g

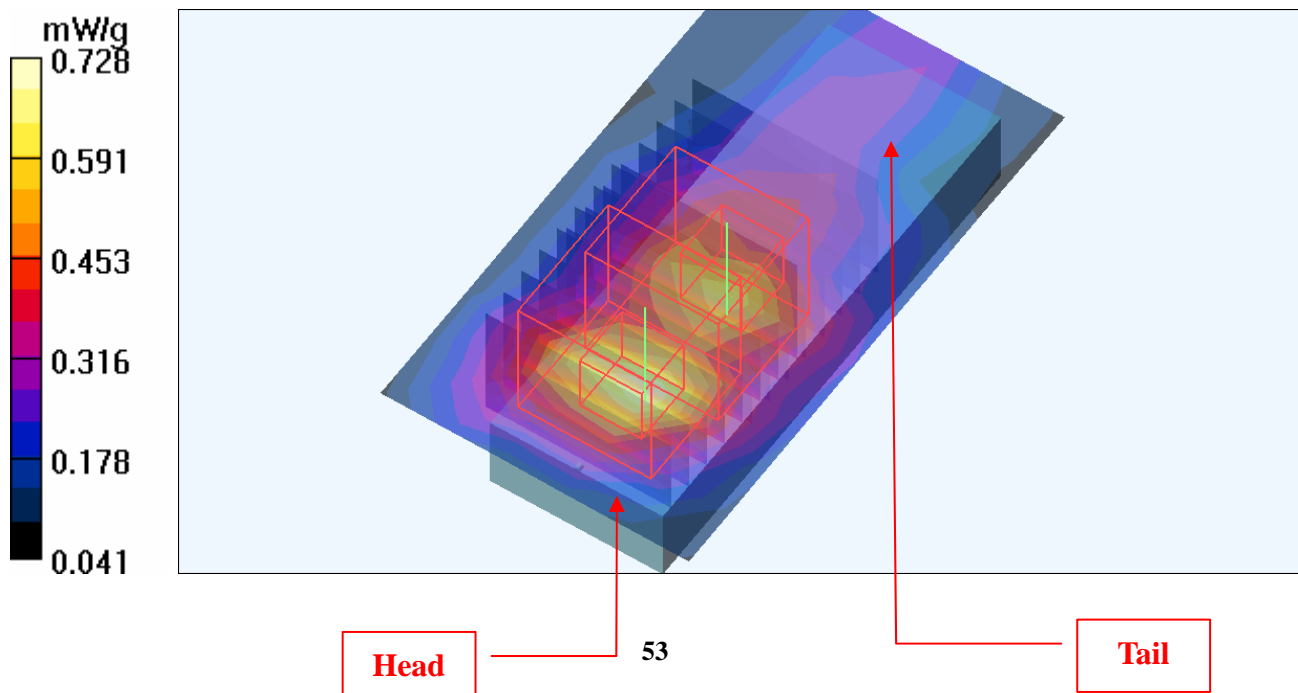
High Channel 140/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.80 V/m

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11aN 40M-Ch38

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5190 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.23$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.38, 4.38, 4.38) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 38/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

Low Channel 38/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.67 V/m

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

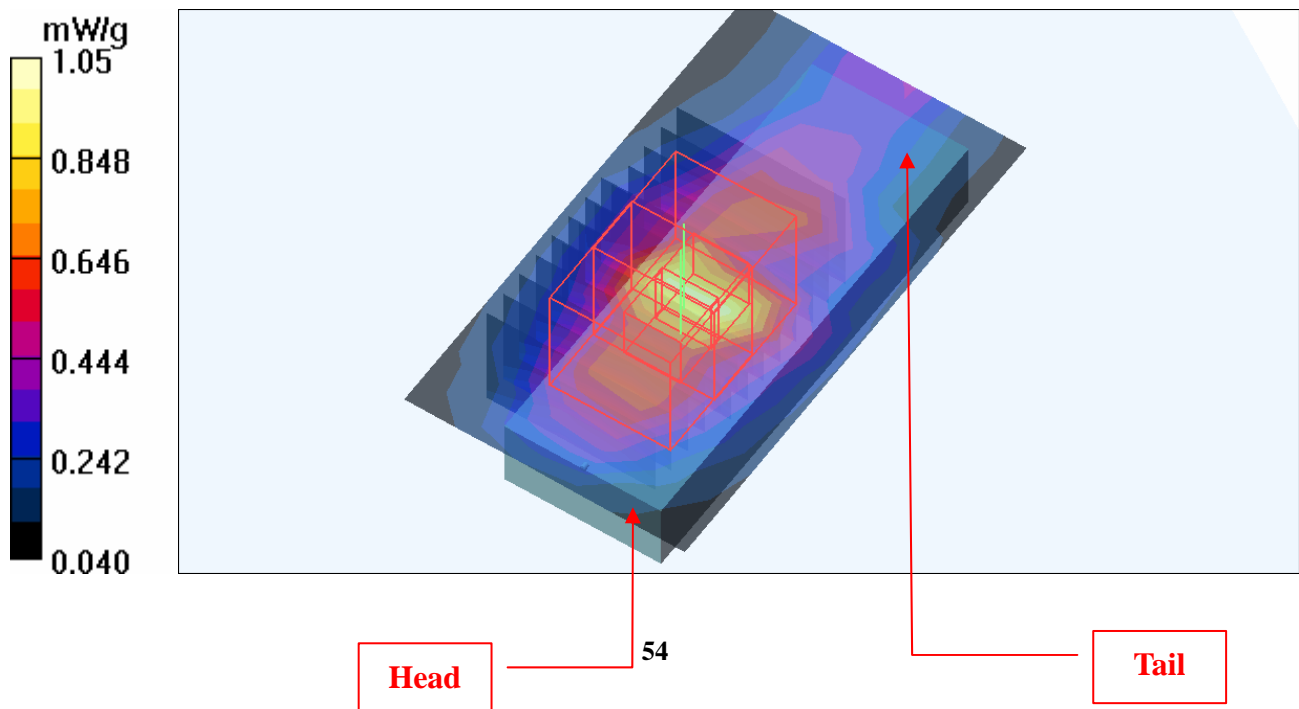
Low Channel 38/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.67 V/m

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.922 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11aN 40M-Ch62

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5310 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.06, 4.06, 4.06) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 62/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

High Channel 62/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

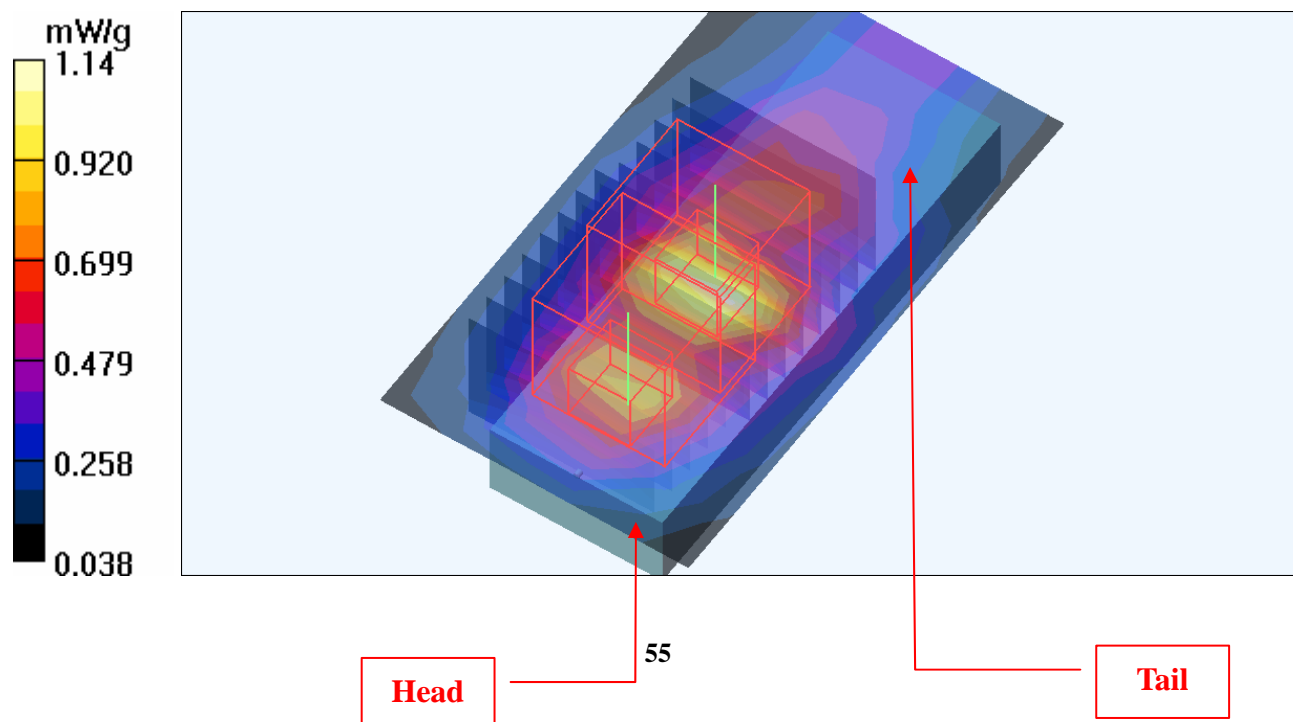
High Channel 62/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.864 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11aN 40M-Ch102**DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2**

Communication System: 11n 5G span40 ; Frequency: 5510 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.7$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.98, 3.98, 3.98) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Low Channel 102/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.732 mW/g

Low Channel 102/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.29 V/m

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.751 mW/g

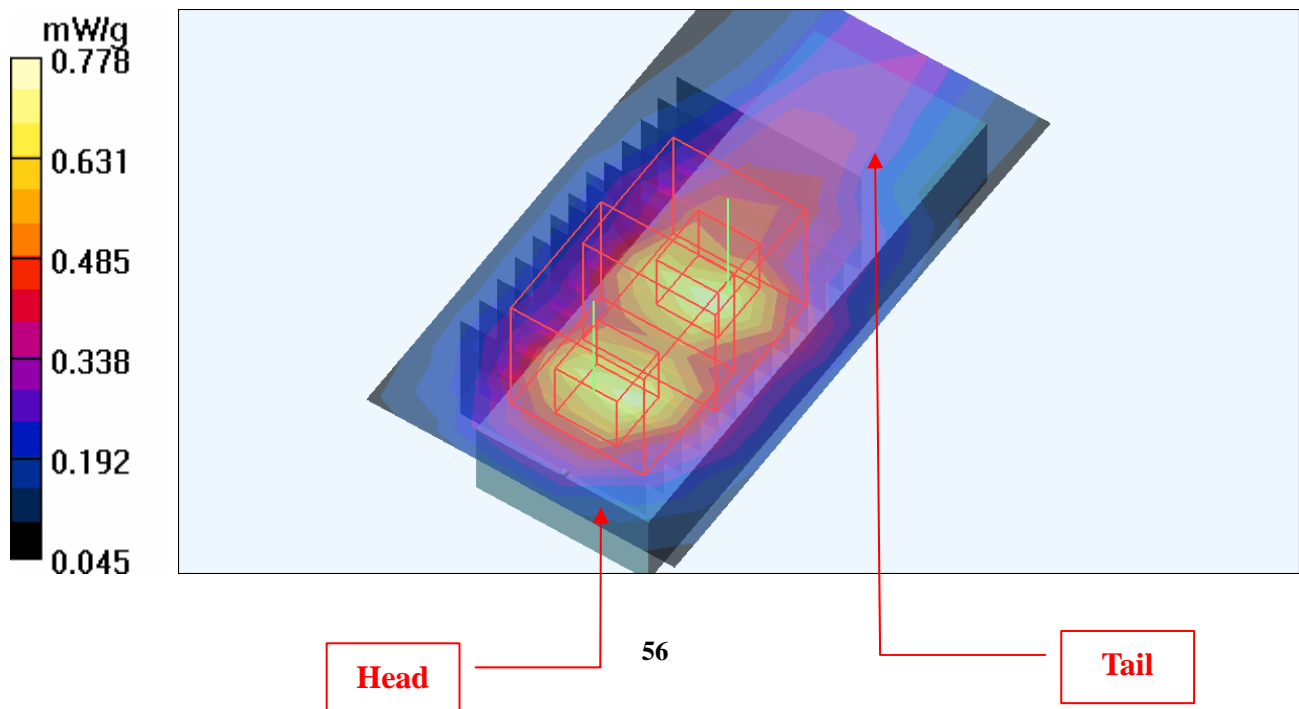
Low Channel 102/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.29 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11aN 40M-Ch118

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5590 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5590$ MHz; $\sigma = 5.81$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 118/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

Mid Channel 118/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.80 V/m

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.903 mW/g

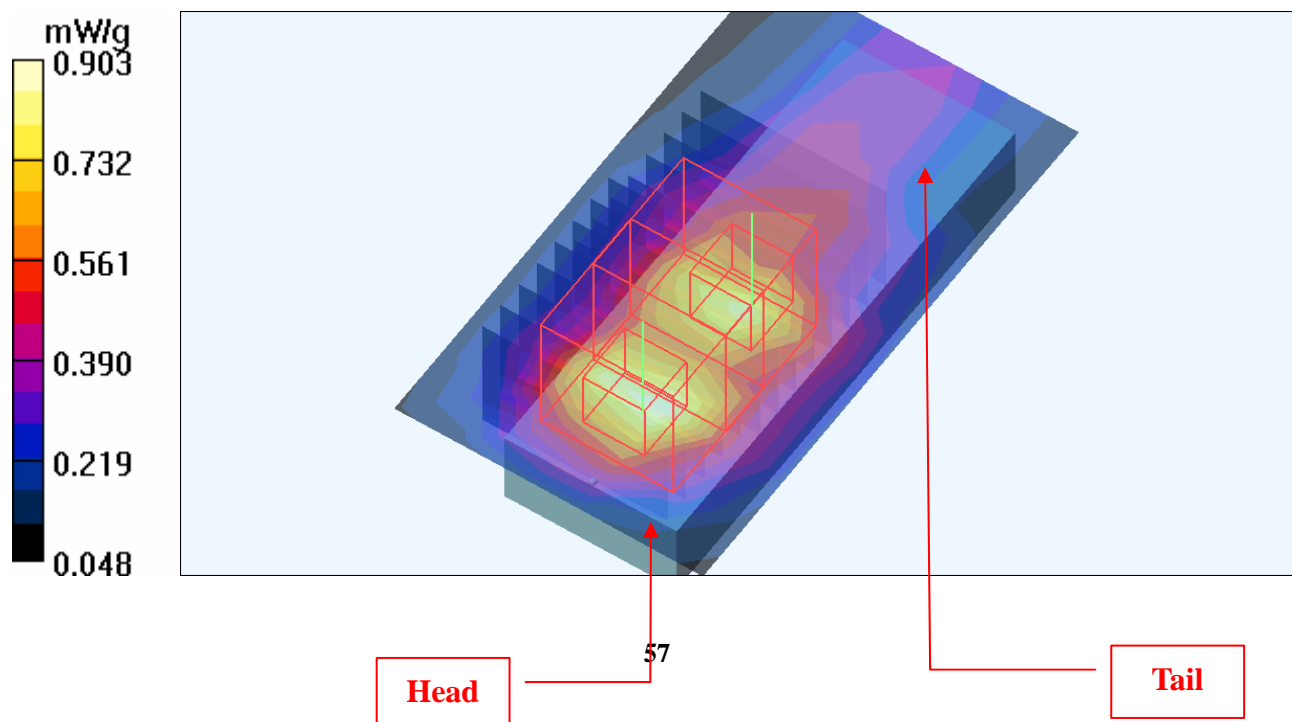
Mid Channel 118/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.80 V/m

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.842 mW/g



Test Laboratory: Bureau Veritas ADT

M09-11aN 40M-Ch134

DUT: Xtreme N Dual Band USB Adapter ; Type: DWA-160 v.A2

Communication System: 11n 5G span40 ; Frequency: 5670 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK

Medium: MSL5800 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.93$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(3.91, 3.91, 3.91) ; Calibrated: 2009/1/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2009/1/21
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

High Channel 134/Area Scan (6x10x1): Measurement grid: dx=10mm, dy=10mm

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

High Channel 134/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

High Channel 134/Zoom Scan (8x8x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.944 mW/g

