

## APPENDIX B Plots Of The SAR Measurements

Test Lab: EMC Tech

Test File: M130336 483 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-01**

**Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 470.1

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=469.7$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 55.4$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57, 7.57, 7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

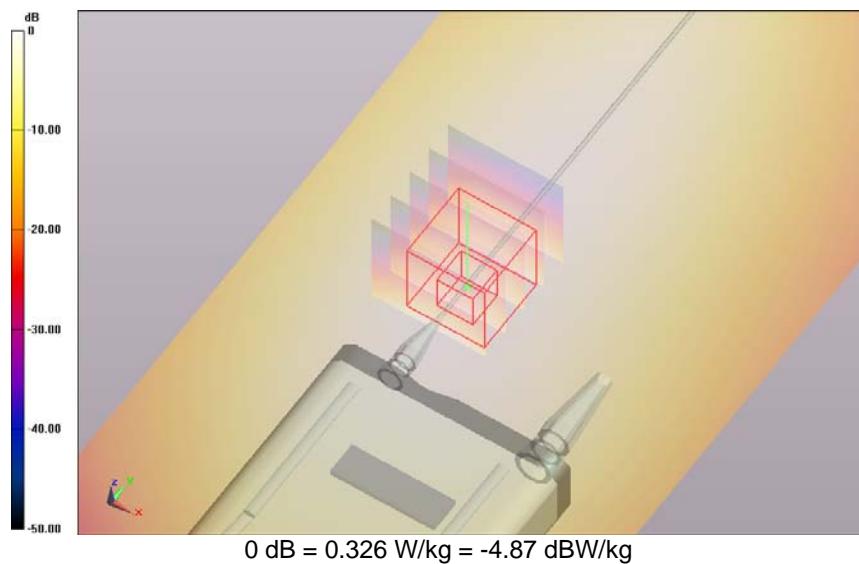
DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 1 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.326 W/kg

**Body Worn Belt Clip/Channel 1 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 16.735 V/m; **Power Drift = -0.03 dB**

**Averaged SAR: SAR(1g) = 0.325 W/kg; SAR(10g) = 0.208 W/kg**

Maximum value of SAR (interpolated) = 0.513 W/kg

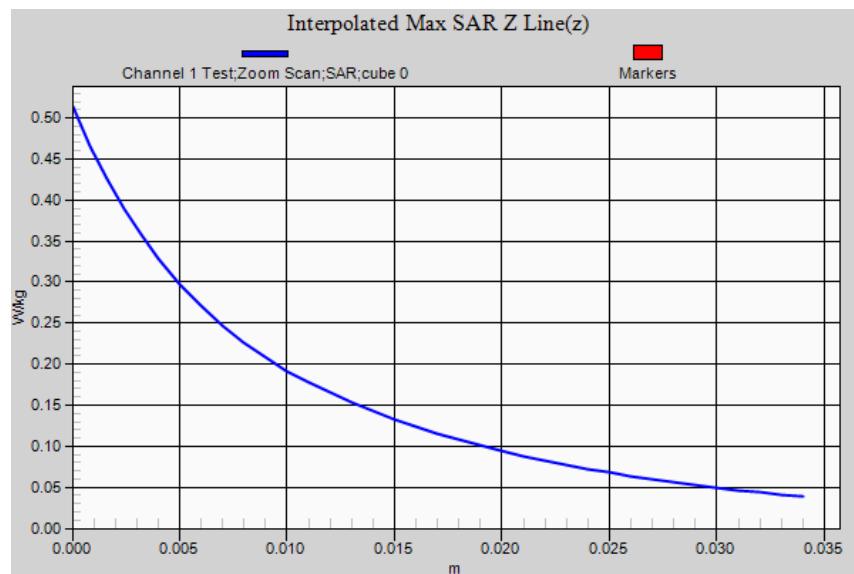


SAR Measurement Plot 1



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Test Lab: EMC Tech

Test File: M130336 483 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-01****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 483.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=469.7$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

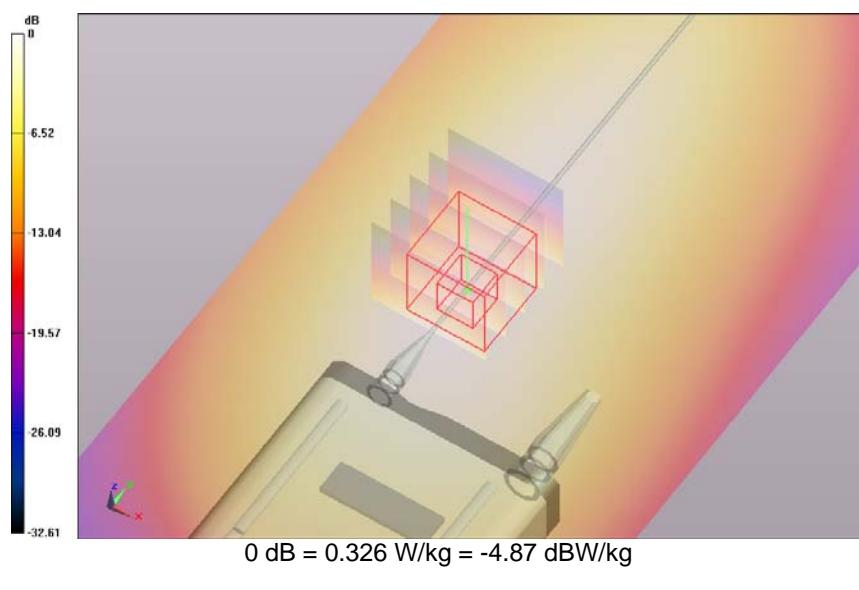
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 2 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.339 W/kg**Body Worn Belt Clip/Channel 2 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 17.226 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 0.334 W/kg; SAR(10g) = 0.214 W/kg**

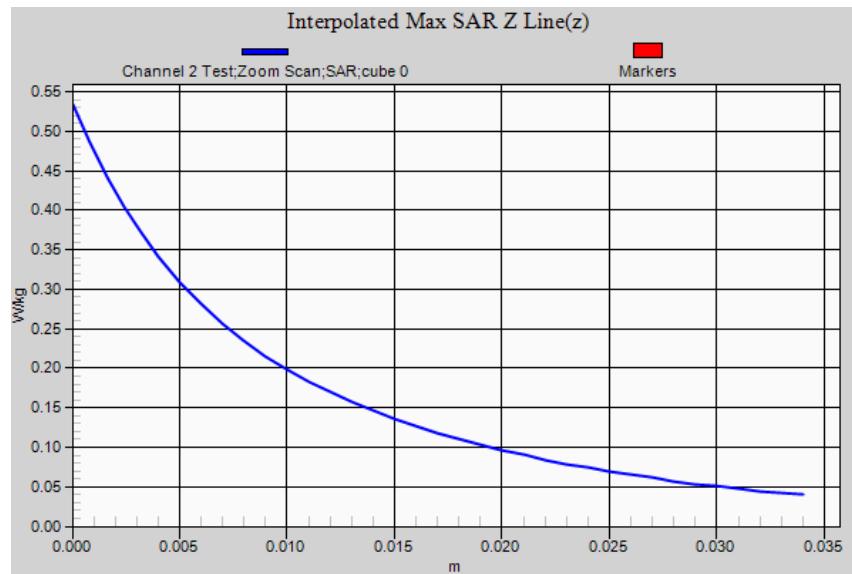
Maximum value of SAR (interpolated) = 0.533 W/kg



SAR Measurement Plot 2



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Test Lab: EMC Tech

Test File: M130336 483 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-01****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 495.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=482.9$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

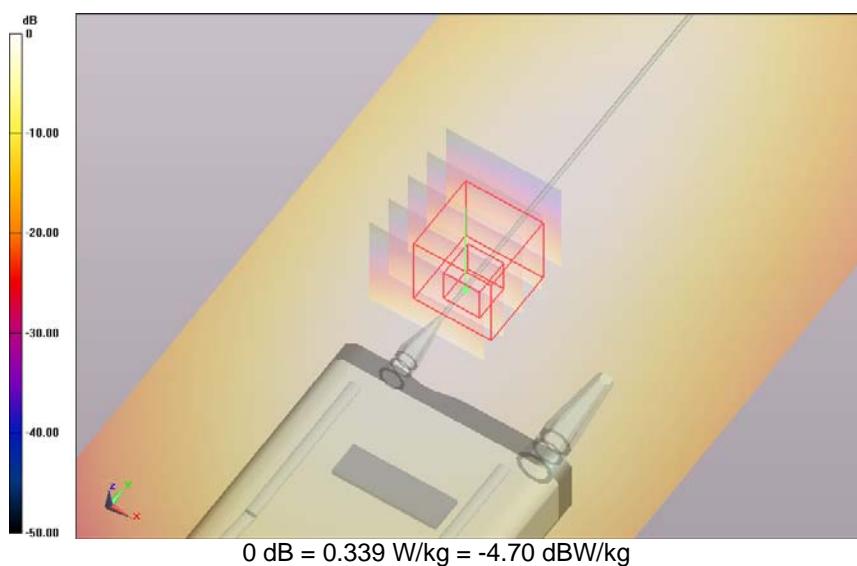
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 3 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.313 W/kg**Body Worn Belt Clip/Channel 3 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 16.294 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.307 W/kg; SAR(10g) = 0.197 W/kg**

Maximum value of SAR (interpolated) = 0.496 W/kg

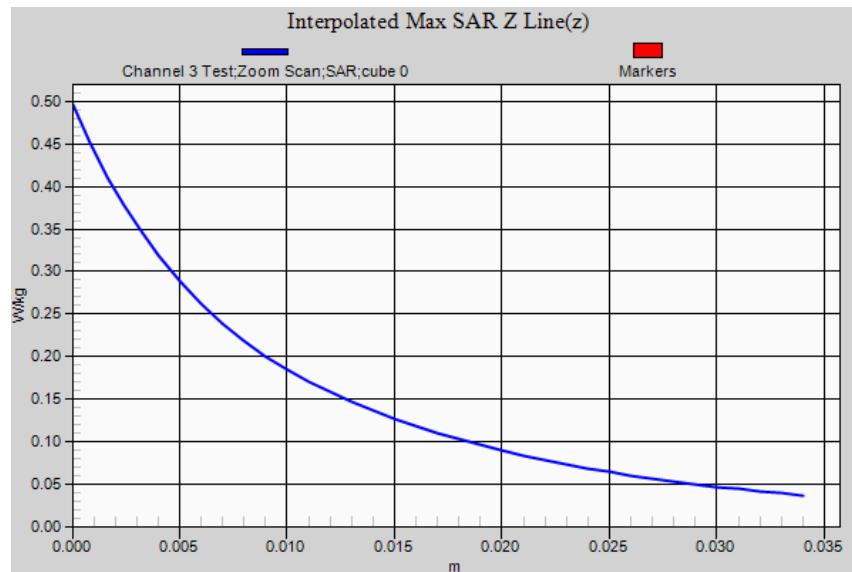


SAR Measurement Plot 3



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Test Lab: EMCTech

Test File: M130336 483 MHz Belt Clip 31-07-13.da52:1

**DUT Name: Dipole 450 MHz, Type: D450V3, Serial: 1074****Configuration: System Check**

Communication System: 0 - n/a - CW 450 MHz; Communication System Band: 450 MHz; Frequency:

450.0 MHz, Communication System PAR: 0.00 dB; PMF: 1.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=449.9$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 55.5$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

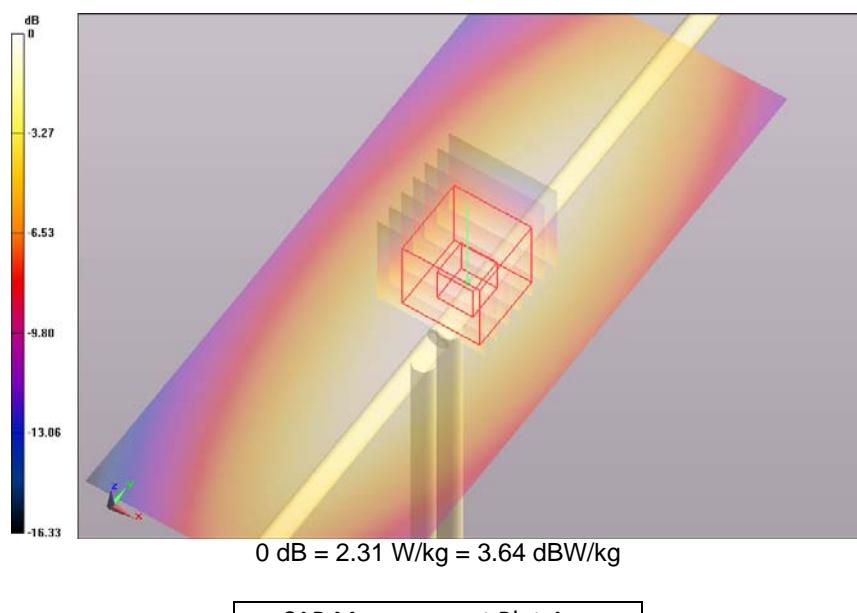
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.310 W/kg**System Check/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 49.816 V/m; Power Drift = 0.02 dB**Averaged SAR: SAR(1g) = 2.390 W/kg; SAR(10g) = 1.480 W/kg**

Maximum value of SAR (interpolated) = 3.870 W/kg



SAR Measurement Plot 4



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Test Lab: EMCTech

Test File: M130336 510 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-02****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 496.1 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00  
 Medium Parameters used:  $f=496.1$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 55.2$ ;  $\rho = 1.0$  g/cm<sup>3</sup>  
 Phantom section: Flat Section

**DASY Configuration:**

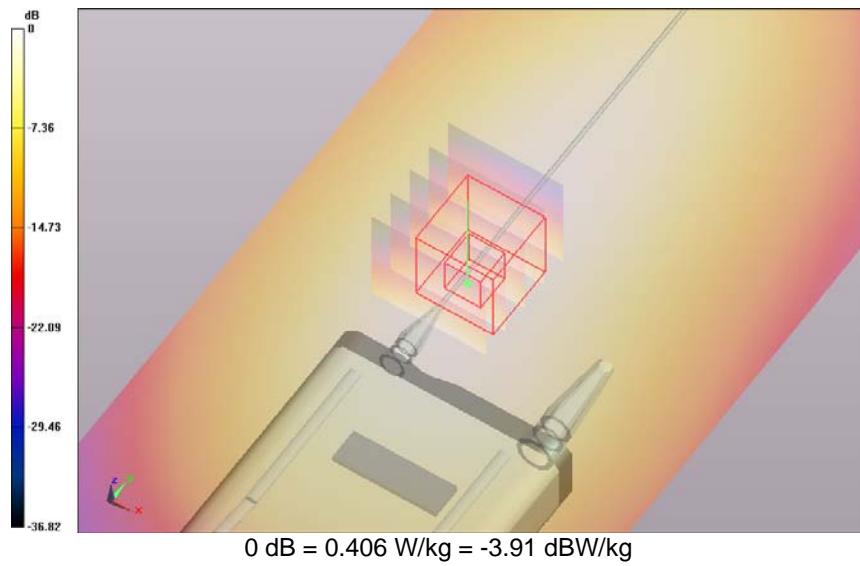
Probe: ET3DV6 - SN1380; ConvF: (7.57, 7.57, 7.57); Calibrated: 10/12/2012;  
 Sensor-Surface: 4 mm (Mechanical Surface Detection)  
 Electronics: DAE3 Sn442; Calibrated: 4/12/2012  
 Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101  
 DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 4 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm;  
 Maximum value of SAR (interpolated) = 0.406 W/kg

**Body Worn Belt Clip/Channel 4 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 17.650 V/m; **Power Drift = -0.03 dB**

**Averaged SAR: SAR(1g) = 0.396 W/kg; SAR(10g) = 0.254 W/kg**

Maximum value of SAR (interpolated) = 0.639 W/kg

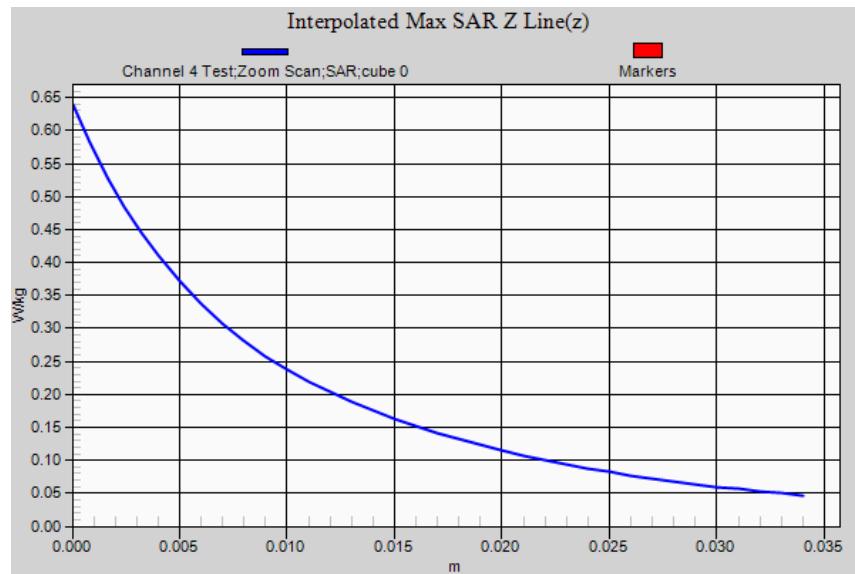


SAR Measurement Plot 5



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Test Lab: EMC Tech

Test File: M130336 510 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-02****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 510.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=496.1$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

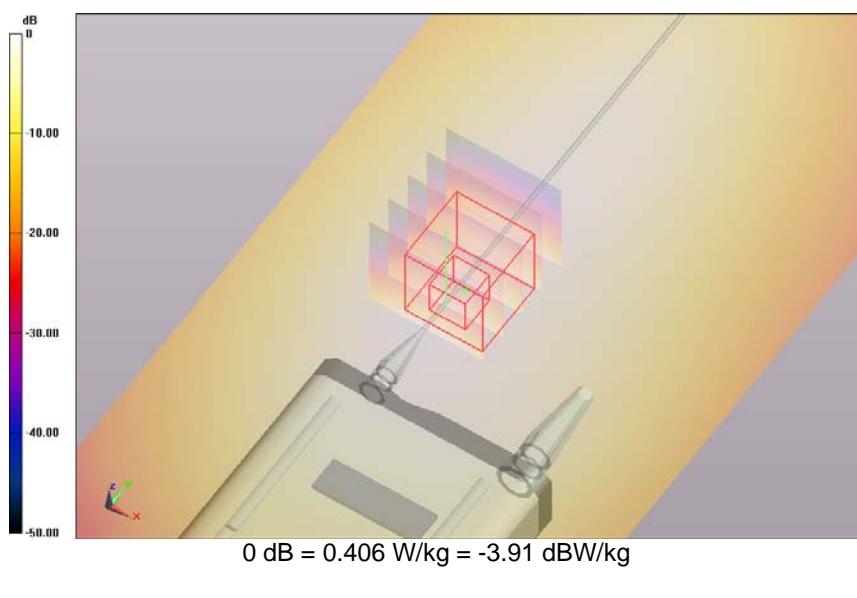
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 5 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.336 W/kg**Body Worn Belt Clip/Channel 5 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 16.143 V/m; **Power Drift = 0.02 dB****Averaged SAR: SAR(1g) = 0.330 W/kg; SAR(10g) = 0.208 W/kg**

Maximum value of SAR (interpolated) = 0.550 W/kg

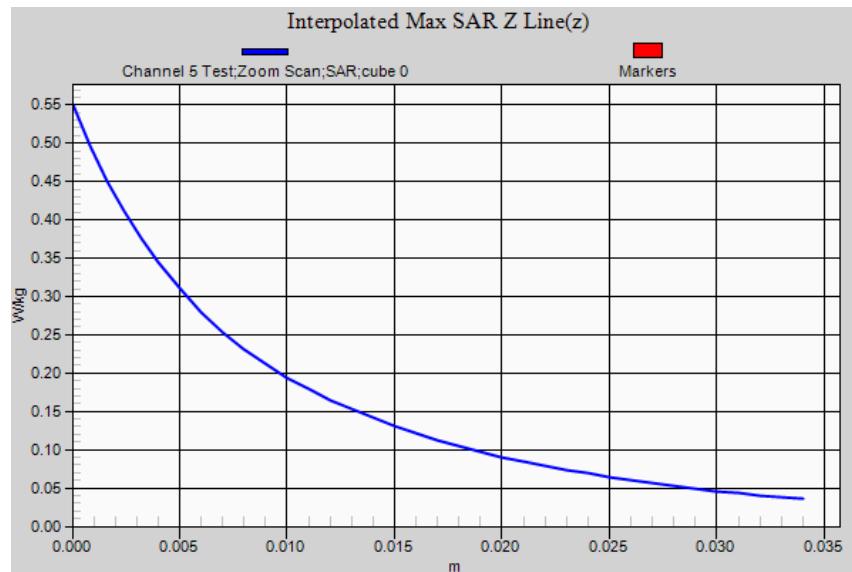


SAR Measurement Plot 6



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Test Lab: EMC Tech

Test File: M130336 510 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-02****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 523.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=510.4$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 55.0$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57, 7.57, 7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

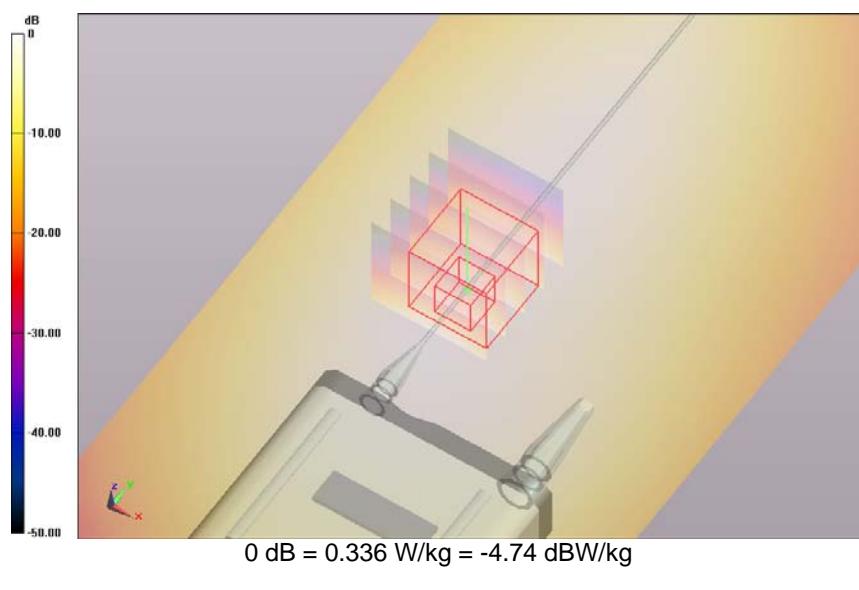
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 6 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.233 W/kg**Body Worn Belt Clip/Channel 6 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 14.475 V/m; **Power Drift = -0.09 dB****Averaged SAR: SAR(1g) = 0.225 W/kg; SAR(10g) = 0.145 W/kg**

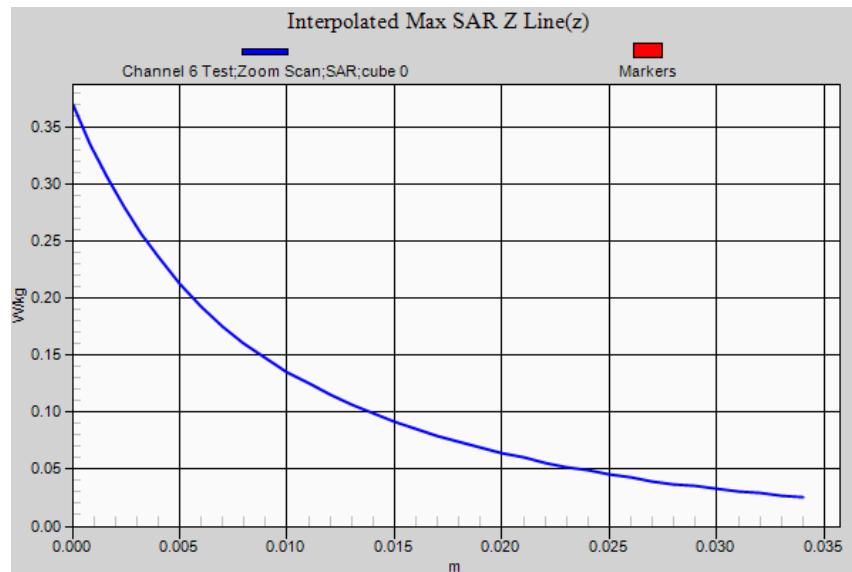
Maximum value of SAR (interpolated) = 0.370 W/kg



SAR Measurement Plot 7



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Test Lab: EMC Tech

Test File: M130336 527 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 512.1

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=512.6$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 55.1$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57, 7.57, 7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

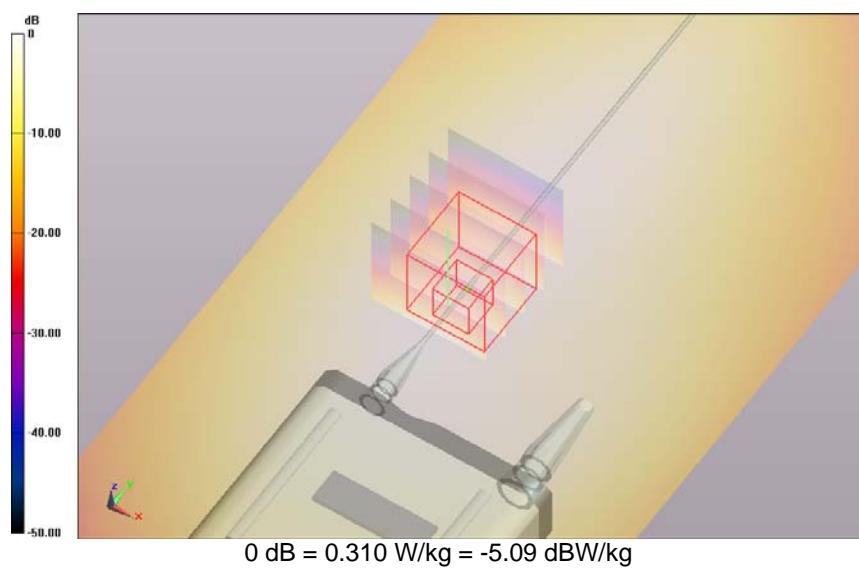
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 7 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.310 W/kg**Body Worn Belt Clip/Channel 7 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 16.176 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.301 W/kg; SAR(10g) = 0.190 W/kg**

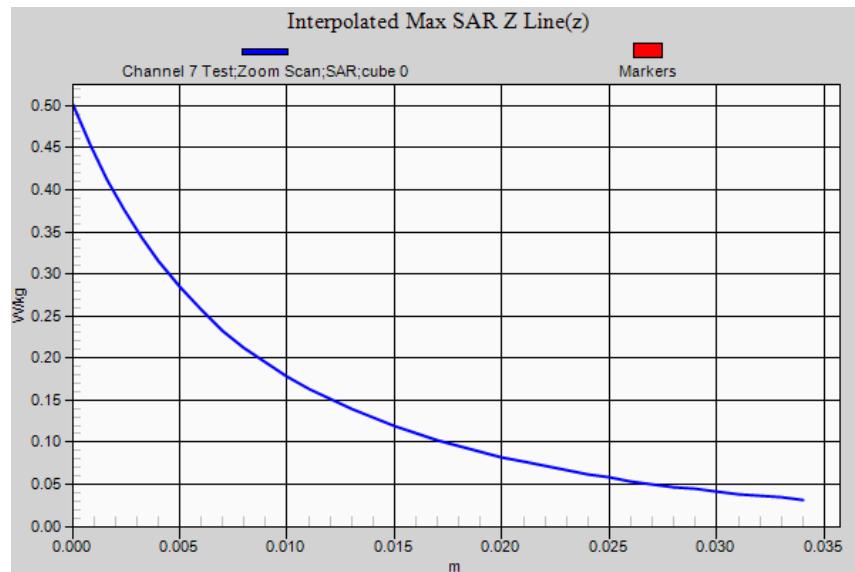
Maximum value of SAR (interpolated) = 0.501 W/kg



SAR Measurement Plot 8



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Test Lab: EMC Tech

Test File: M130336 527 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 527.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=512.6$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

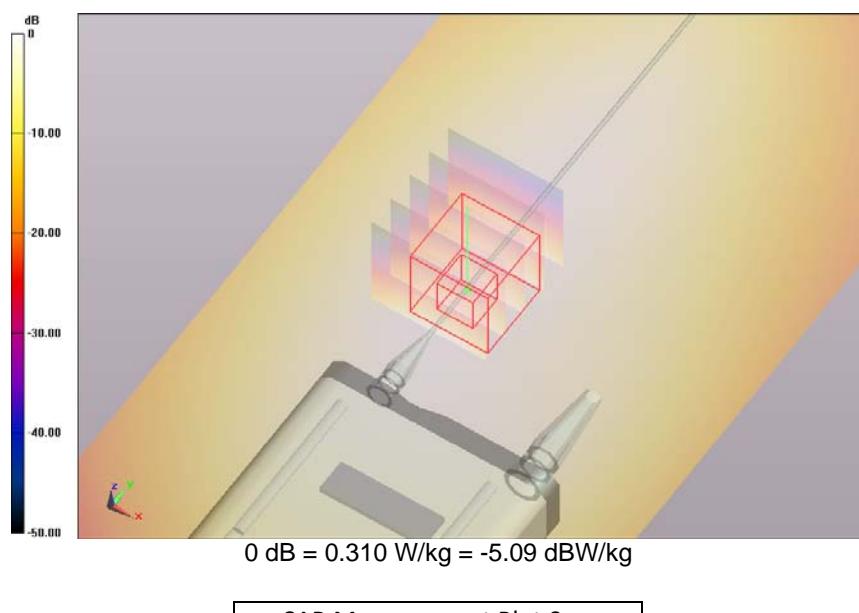
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 8 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.330 W/kg**Body Worn Belt Clip/Channel 8 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 16.491 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 0.320 W/kg; SAR(10g) = 0.204 W/kg**

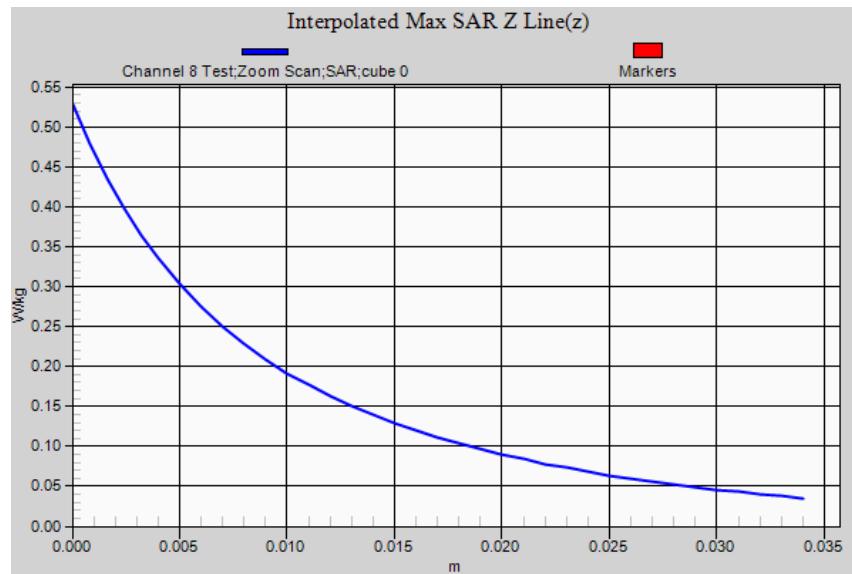
Maximum value of SAR (interpolated) = 0.528 W/kg



SAR Measurement Plot 9



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Test Lab: EMC Tech

Test File: M130336 527 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 541.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=526.9$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57,7.57,7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

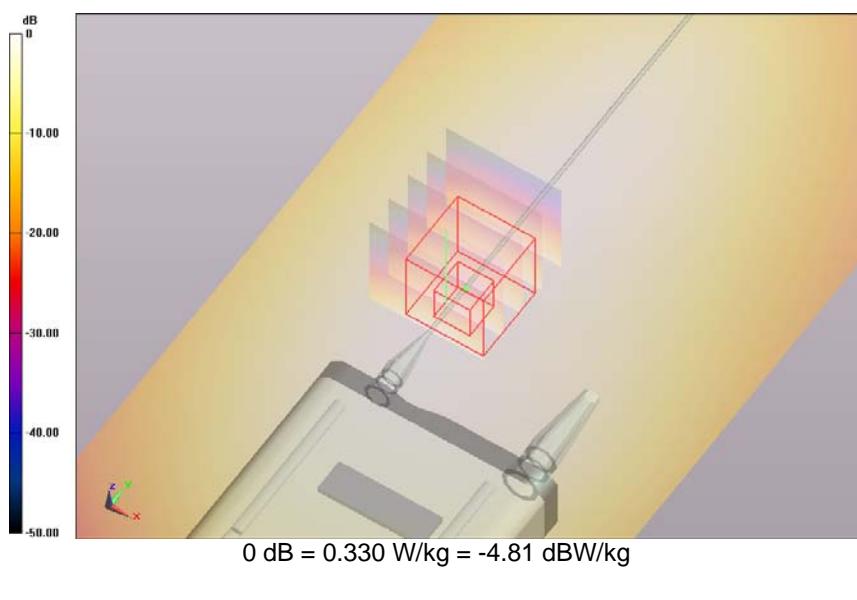
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 9 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.323 W/kg**Body Worn Belt Clip/Channel 9 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 15.989 V/m; **Power Drift = -0.00 dB****Averaged SAR: SAR(1g) = 0.310 W/kg; SAR(10g) = 0.199 W/kg**

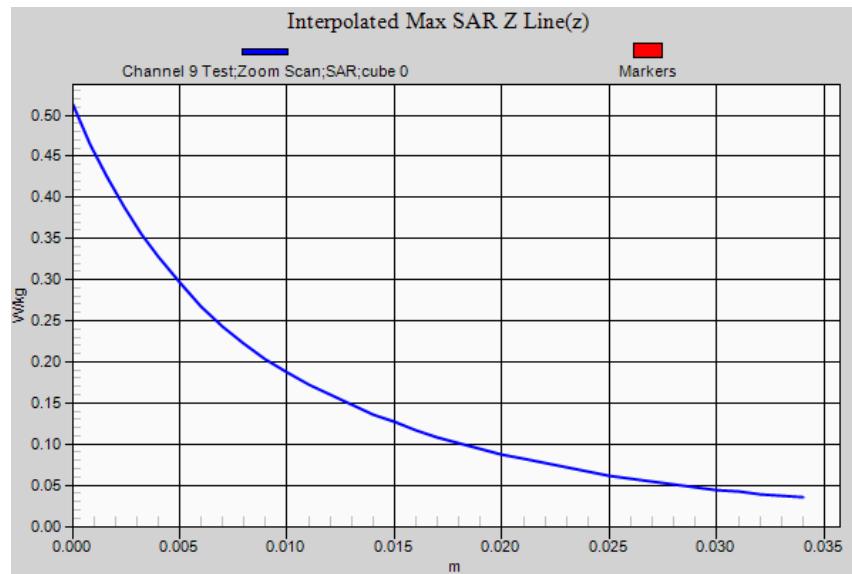
Maximum value of SAR (interpolated) = 0.513 W/kg



SAR Measurement Plot 10



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Accreditation No. 5292

This document shall not be reproduced except in full.

Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 1**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 542.1

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=542.3$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.8$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (7.57, 7.57, 7.57); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

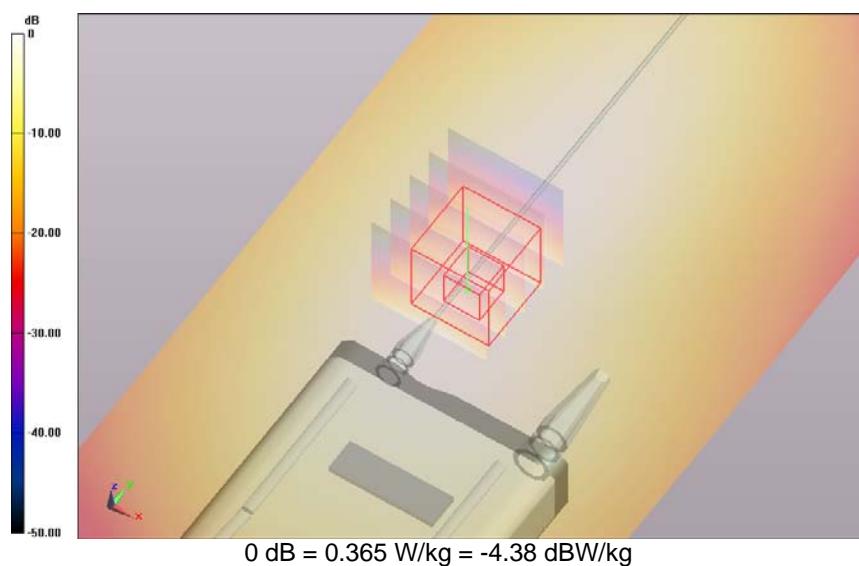
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 1/Channel 10 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.365 W/kg**Body Worn Belt Clip 1/Channel 10 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 15.700 V/m; Power Drift = -0.04 dB**Averaged SAR: SAR(1g) = 0.349 W/kg; SAR(10g) = 0.216 W/kg**

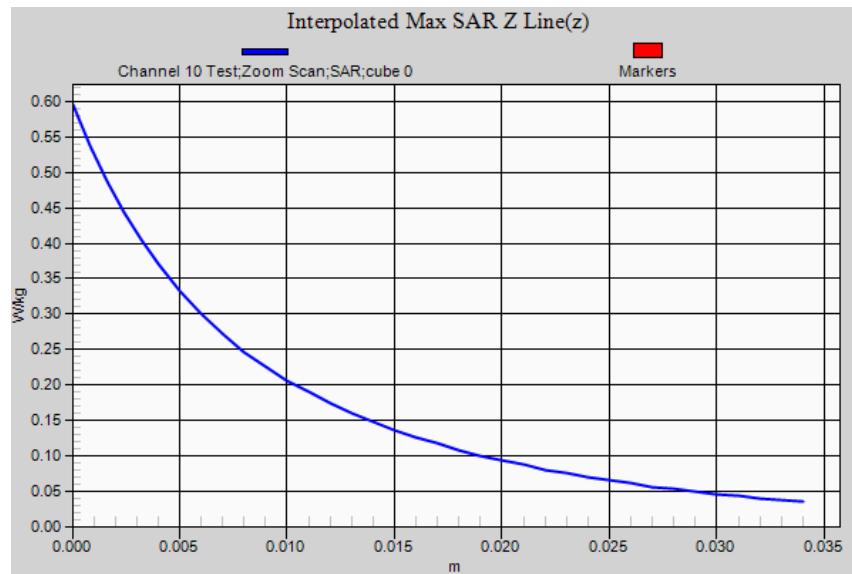
Maximum value of SAR (interpolated) = 0.596 W/kg



SAR Measurement Plot 11



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:1

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 2**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 557.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=556.6$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 56.3$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

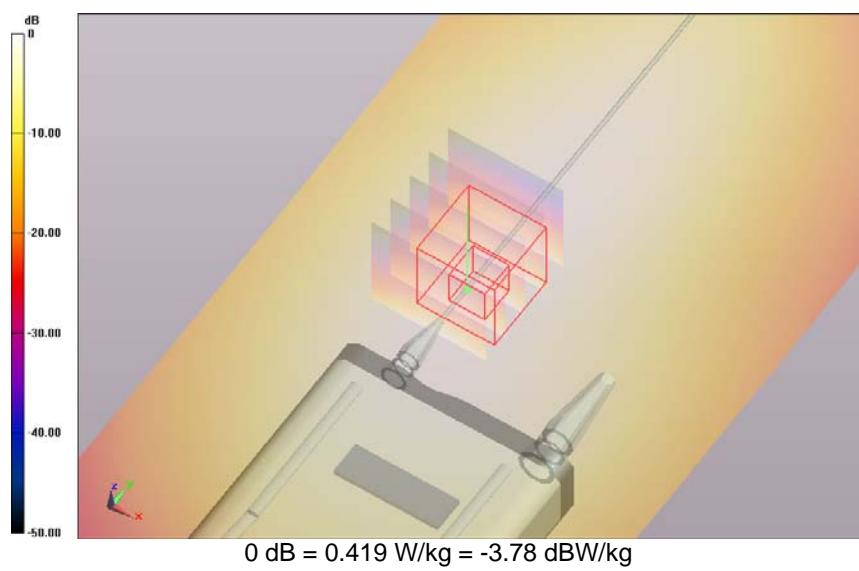
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 2/Channel 11 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.419 W/kg**Body Worn Belt Clip 2/Channel 11 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 17.403 V/m; Power Drift = -0.01 dB**Averaged SAR: SAR(1g) = 0.439 W/kg; SAR(10g) = 0.263 W/kg**

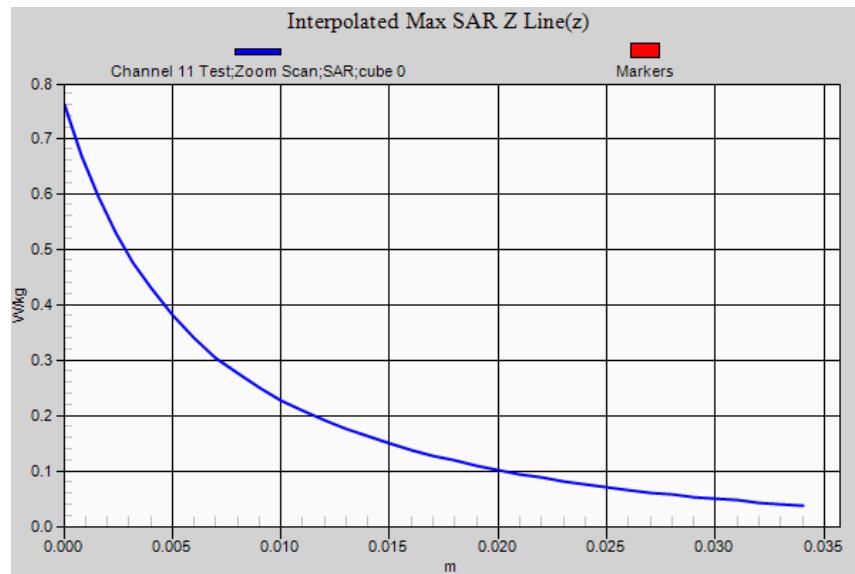
Maximum value of SAR (interpolated) = 0.760 W/kg



SAR Measurement Plot 12



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:1

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 2**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 571.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=556.6$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

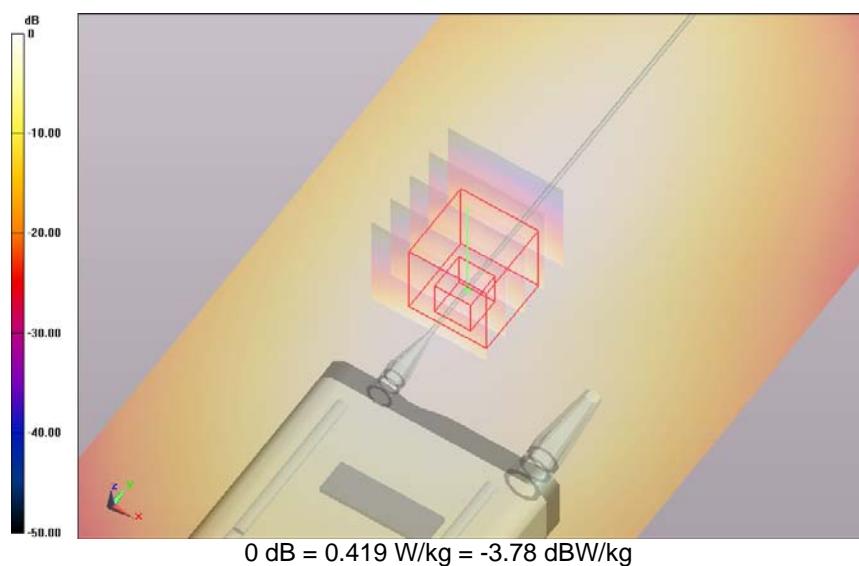
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 2/Channel 12 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.448 W/kg**Body Worn Belt Clip 2/Channel 12 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 19.136 V/m; Power Drift = -0.03 dB**Averaged SAR: SAR(1g) = 0.462 W/kg; SAR(10g) = 0.277 W/kg**

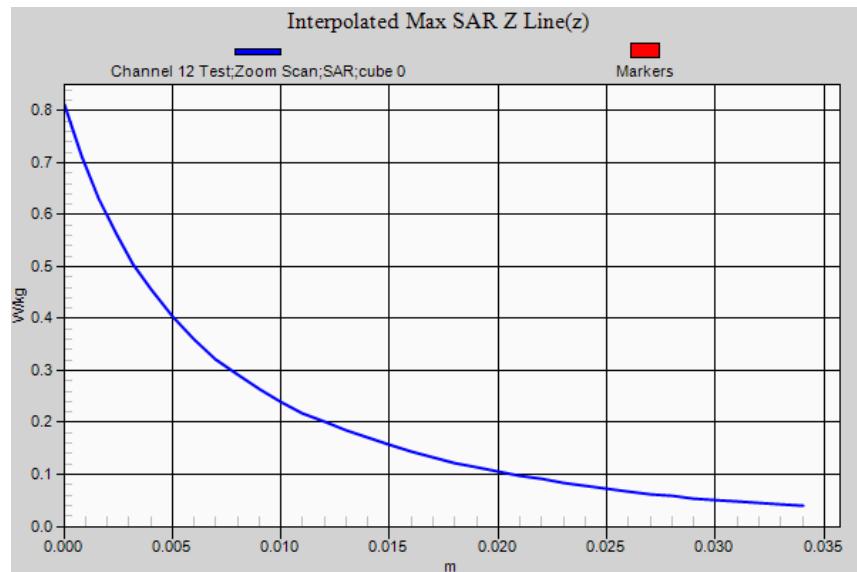
Maximum value of SAR (interpolated) = 0.811 W/kg



SAR Measurement Plot 13



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:2

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check 2**

Communication System: 0 - n/a - CW (0); Communication System Band: 600 MHz; Frequency: 600.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=599.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.7$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

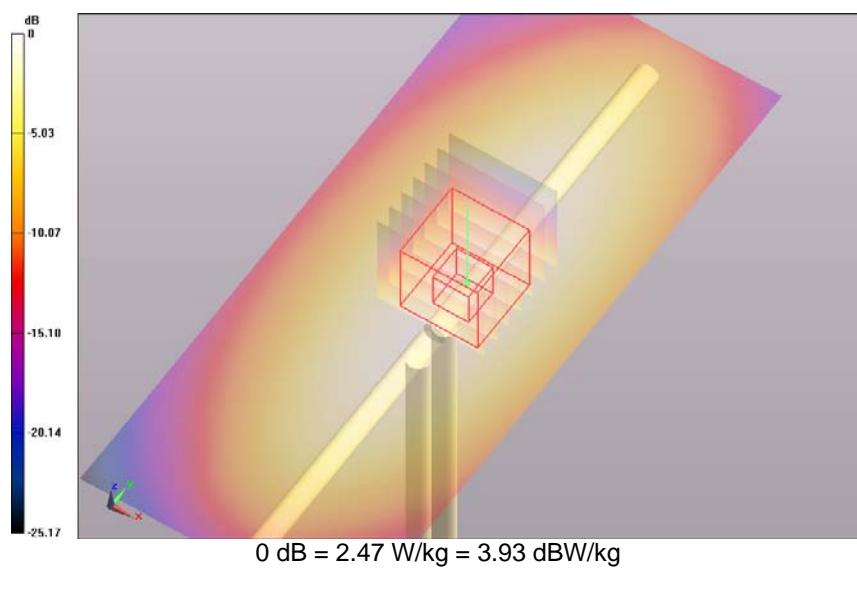
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check 2/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.470 W/kg**System Check 2/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.724 V/m; Power Drift = -0.03 dB**Averaged SAR: SAR(1g) = 2.310 W/kg; SAR(10g) = 1.420 W/kg**

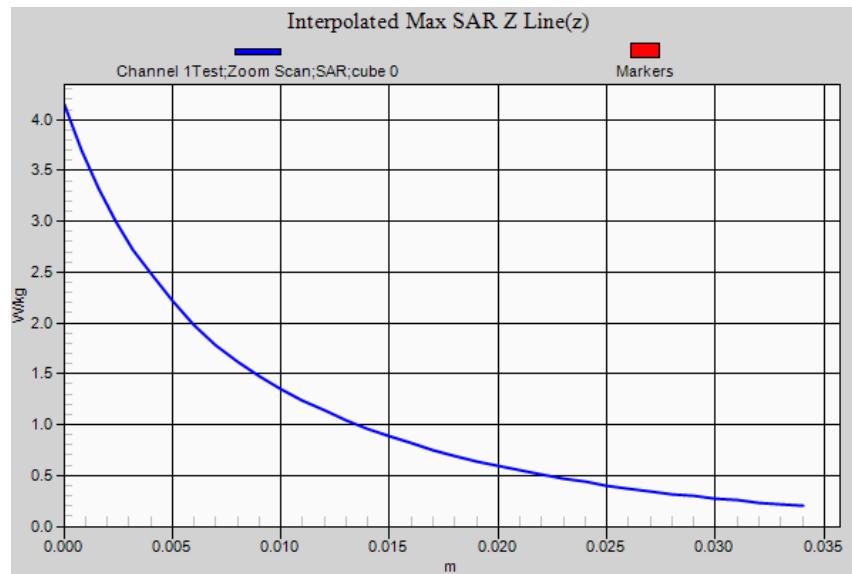
Maximum value of SAR (interpolated) = 4.150 W/kg



SAR Measurement Plot 14



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:3

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check 3**

Communication System: 0 - n/a - CW (0); Communication System Band: 600 MHz; Frequency: 600.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=599.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.7$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

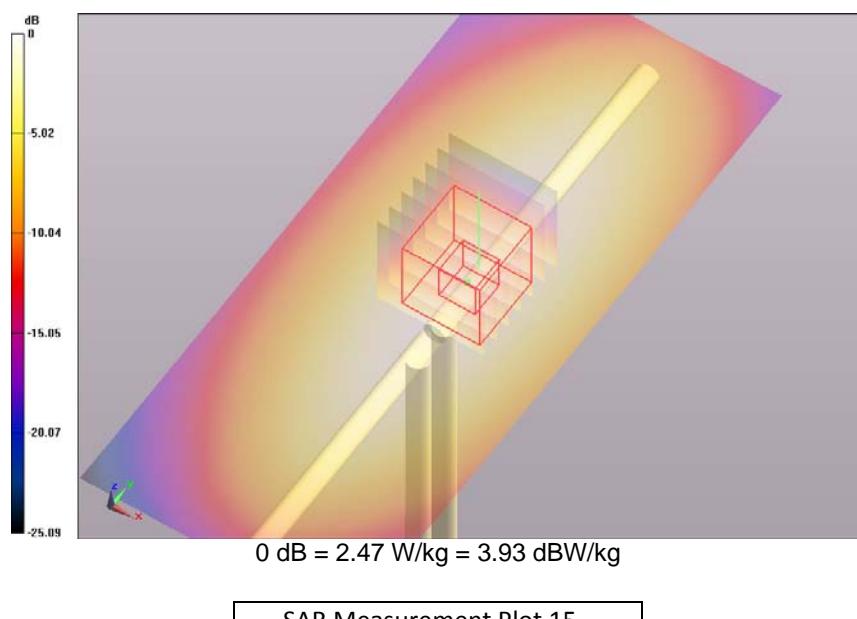
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

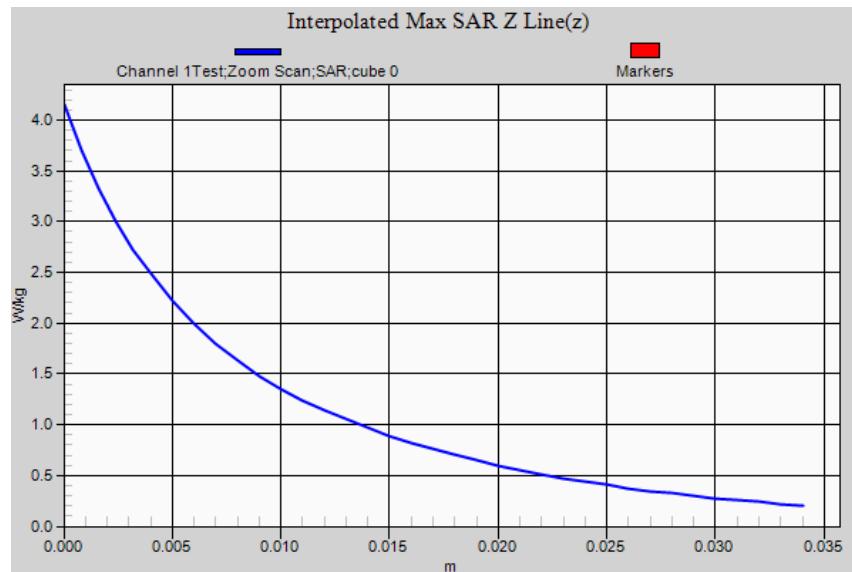
DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check 3/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.470 W/kg**System Check 3/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.449 V/m; Power Drift = -0.07 dB**Averaged SAR: SAR(1g) = 2.330 W/kg; SAR(10g) = 1.430 W/kg**

Maximum value of SAR (interpolated) = 4.150 W/kg



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:4

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check 4**

Communication System: 0 - n/a - CW (0); Communication System Band: 600 MHz; Frequency: 600.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=599.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.7$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

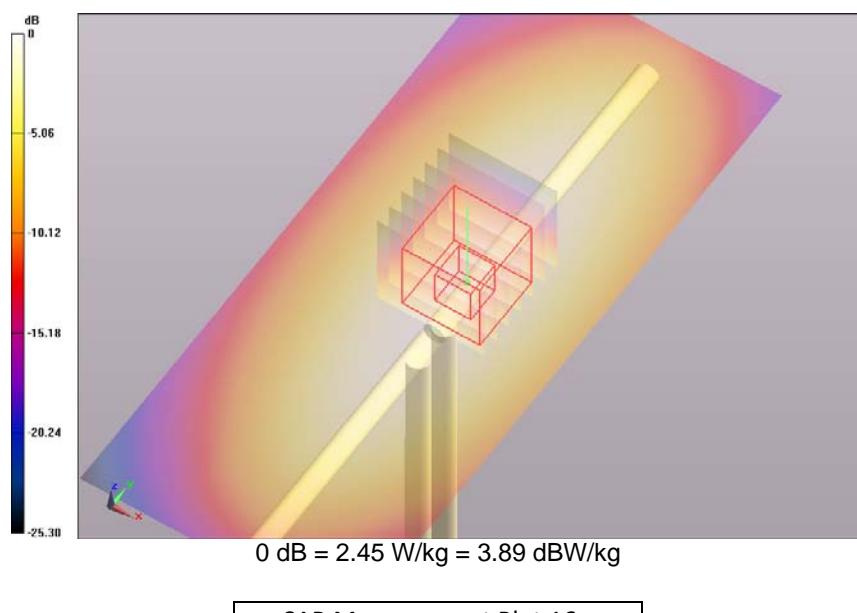
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

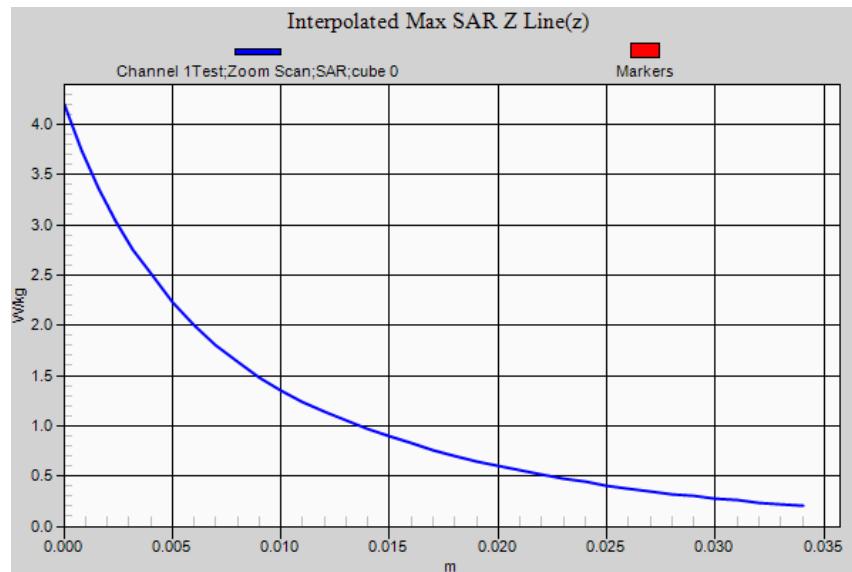
DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check 4/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.450 W/kg**System Check 4/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 49.003 V/m; Power Drift = -0.06 dB**Averaged SAR: SAR(1g) = 2.330 W/kg; SAR(10g) = 1.430 W/kg**

Maximum value of SAR (interpolated) = 4.190 W/kg



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:5

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check 5**

Communication System: 0 - n/a - CW (0); Communication System Band: 600 MHz; Frequency: 600.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=599.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.7$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

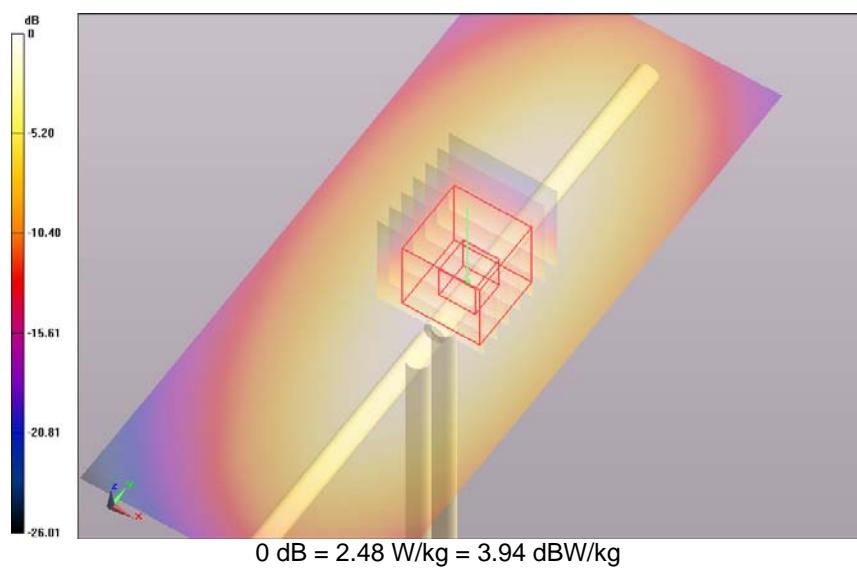
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check 5/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.480 W/kg**System Check 5/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.515 V/m; Power Drift = -0.06 dB**Averaged SAR: SAR(1g) = 2.320 W/kg; SAR(10g) = 1.430 W/kg**

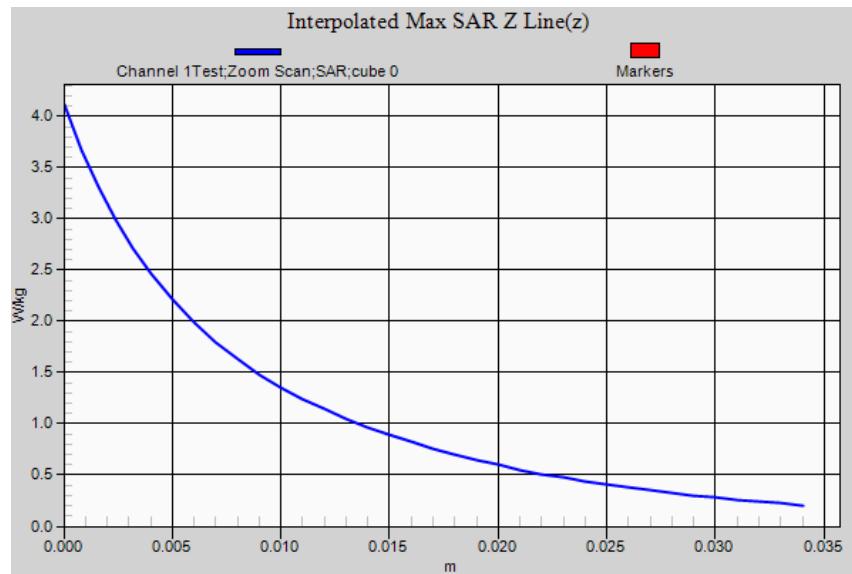
Maximum value of SAR (interpolated) = 4.110 W/kg



SAR Measurement Plot 17



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Test Lab: EMC Tech

Test File: M130336 557 MHz Belt Clip 31-07-13.da52:6

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check 6**

Communication System: 0 - n/a - CW (0); Communication System Band: 600 MHz; Frequency: 600.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=599.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.7$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

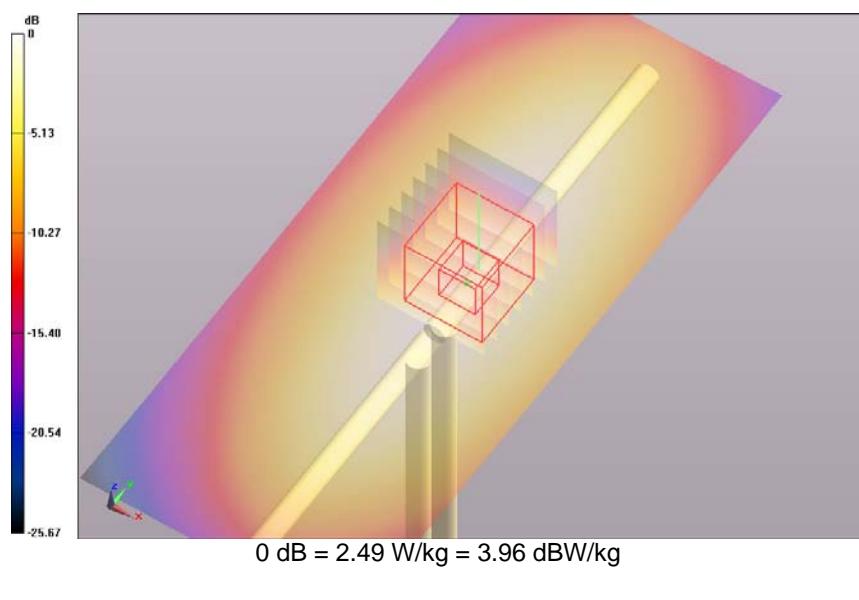
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check 6/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.490 W/kg**System Check 6/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 48.468 V/m; Power Drift = -0.06 dB**Averaged SAR: SAR(1g) = 2.340 W/kg; SAR(10g) = 1.430 W/kg**

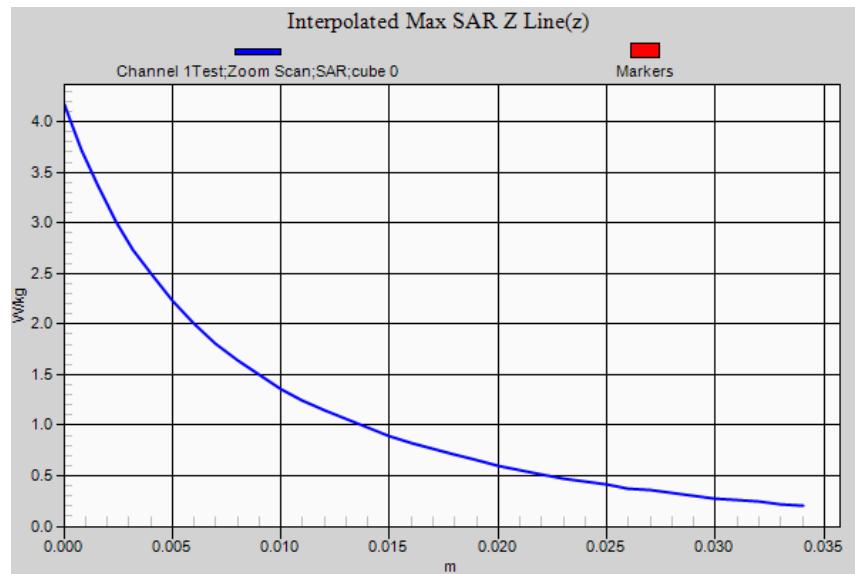
Maximum value of SAR (interpolated) = 4.170 W/kg



SAR Measurement Plot 18



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Test Lab: EMCTech

Test File: M130336 590 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 572.0 MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00  
 Medium Parameters used:  $f=572$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 56.1$ ;  $\rho = 1.0$  g/cm<sup>3</sup>  
 Phantom section: Flat Section

**DASY Configuration:**

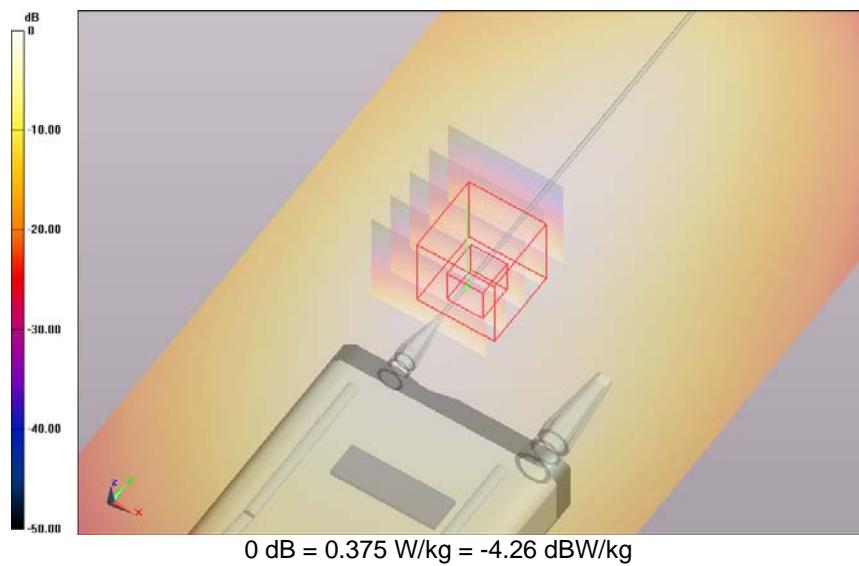
Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;  
 Sensor-Surface: 4 mm (Mechanical Surface Detection)  
 Electronics: DAE3 Sn442; Calibrated: 4/12/2012  
 Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101  
 DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 13 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm;  
 Maximum value of SAR (interpolated) = 0.375 W/kg

**Body Worn Belt Clip/Channel 13 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm,  
 dy=1.6 mm, dz=1.0 mm; Reference Value = 16.397 V/m; **Power Drift = -0.01 dB**

**Averaged SAR: SAR(1g) = 0.385 W/kg; SAR(10g) = 0.233 W/kg**

Maximum value of SAR (interpolated) = 0.661 W/kg

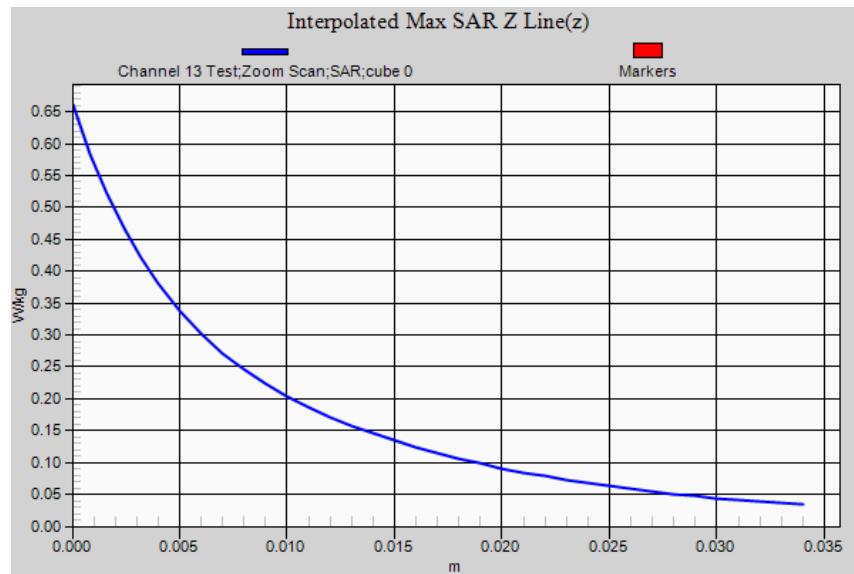


SAR Measurement Plot 19



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Test Lab: EMC Tech

Test File: M130336 590 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 584.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=572$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

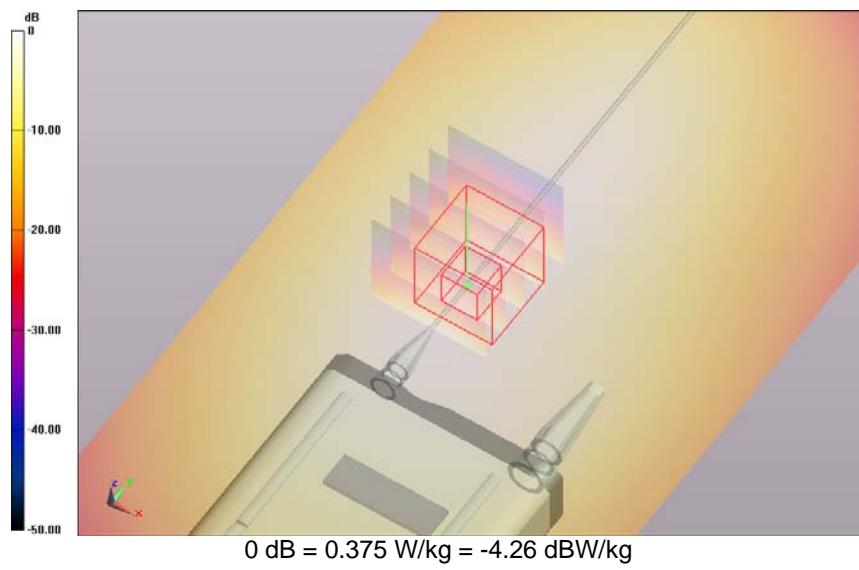
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 14 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.466 W/kg**Body Worn Belt Clip/Channel 14 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 18.533 V/m; **Power Drift = -0.04 dB****Averaged SAR: SAR(1g) = 0.474 W/kg; SAR(10g) = 0.285 W/kg**

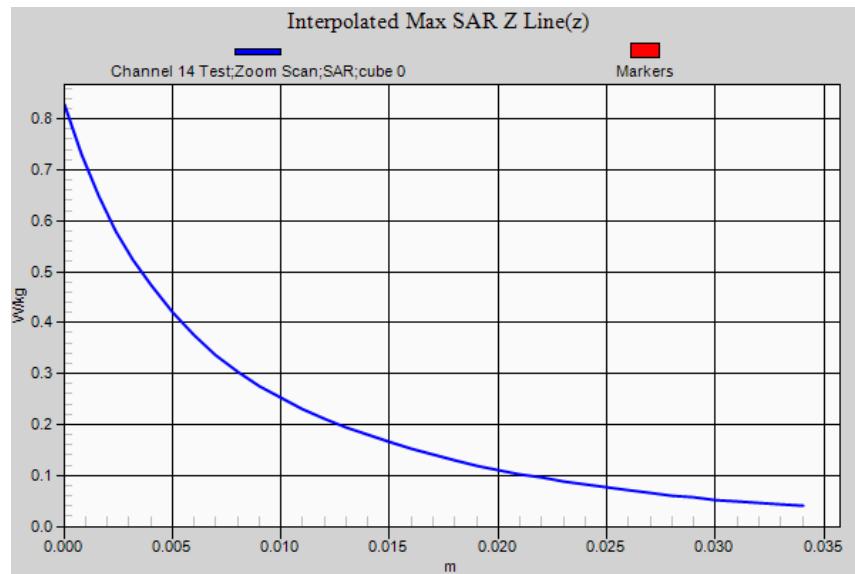
Maximum value of SAR (interpolated) = 0.828 W/kg



SAR Measurement Plot 20



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Accreditation No. 5292

This document shall not be reproduced except in full.

Test Lab: EMC Tech

Test File: M130336 590 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 596.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=584.1$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

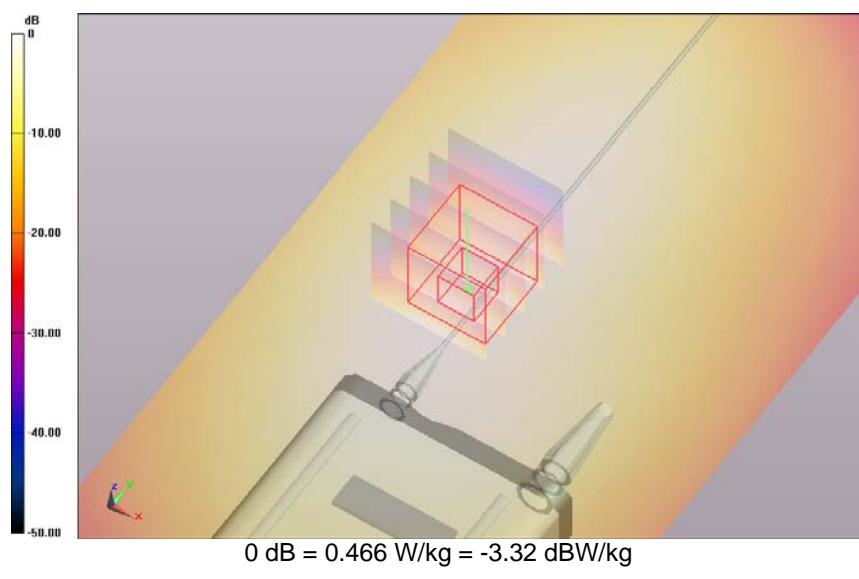
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 15 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.550 W/kg**Body Worn Belt Clip/Channel 15 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 21.711 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.547 W/kg; SAR(10g) = 0.327 W/kg**

Maximum value of SAR (interpolated) = 0.968 W/kg

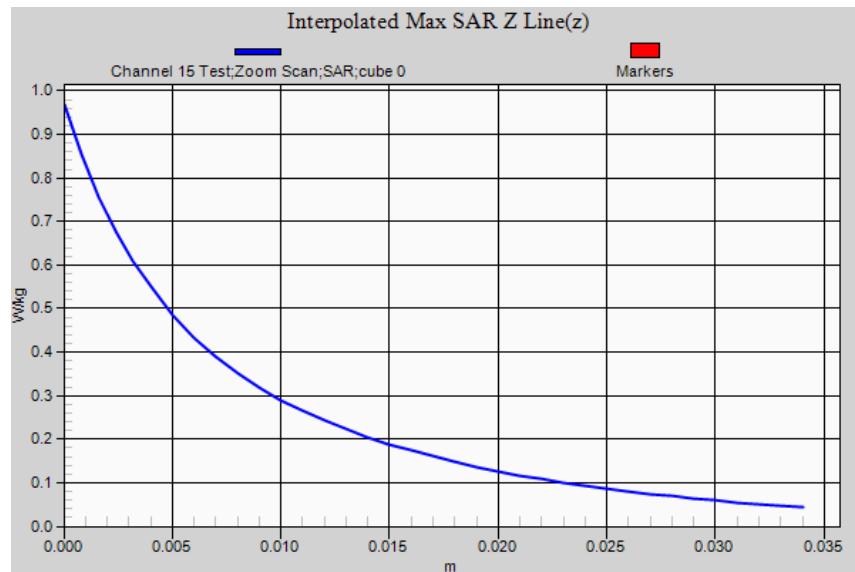


SAR Measurement Plot 21



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Test Lab: EMC Tech

Test File: M130336 590 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 607.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=596.2$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

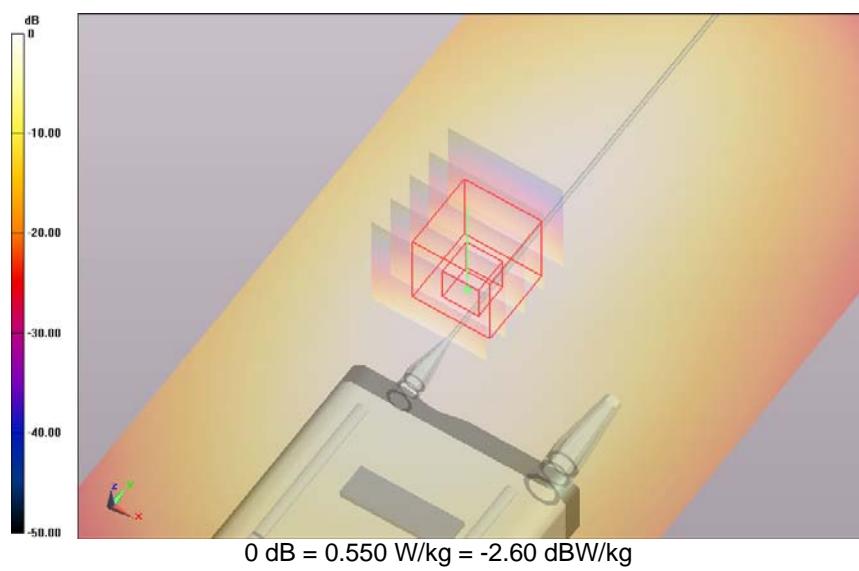
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 16 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.570 W/kg**Body Worn Belt Clip/Channel 16 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 21.527 V/m; **Power Drift = -0.00 dB****Averaged SAR: SAR(1g) = 0.568 W/kg; SAR(10g) = 0.340 W/kg**

Maximum value of SAR (interpolated) = 1.010 W/kg

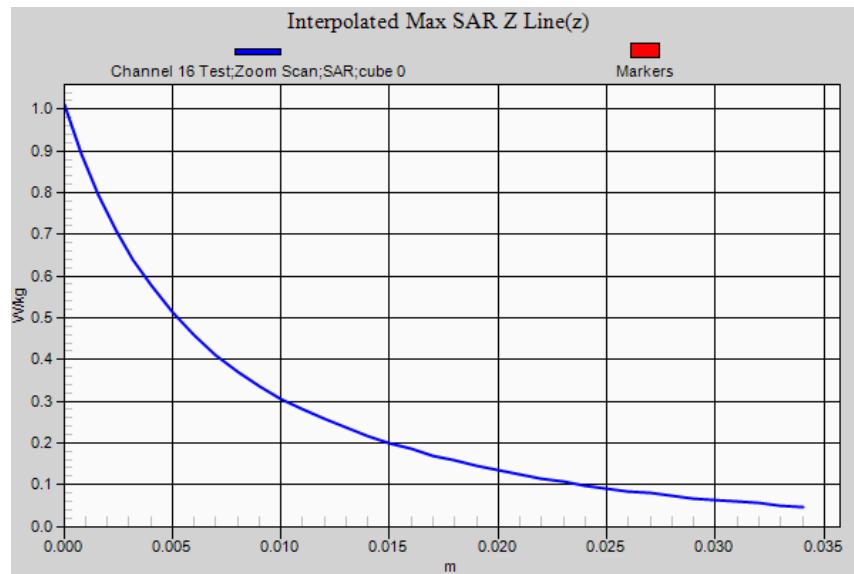


SAR Measurement Plot 22



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Test Lab: EMC Tech

Test File: M130336 635 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 1**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 614.1

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=613.8$  MHz;  $\sigma = 0.95$  S/m;  $\epsilon_r = 55.6$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

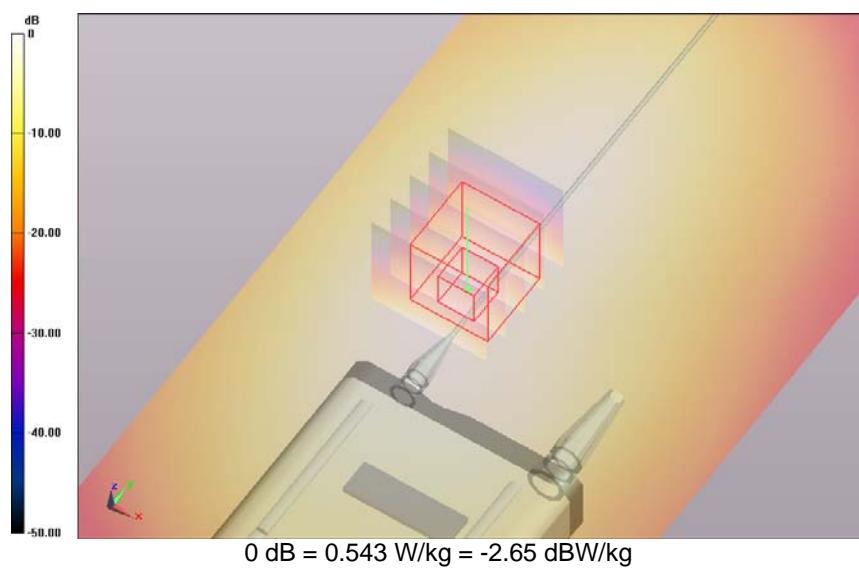
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 1/Channel 17 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.543 W/kg**Body Worn Belt Clip 1/Channel 17 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 20.655 V/m; Power Drift = -0.01 dB**Averaged SAR: SAR(1g) = 0.532 W/kg; SAR(10g) = 0.318 W/kg**

Maximum value of SAR (interpolated) = 0.952 W/kg

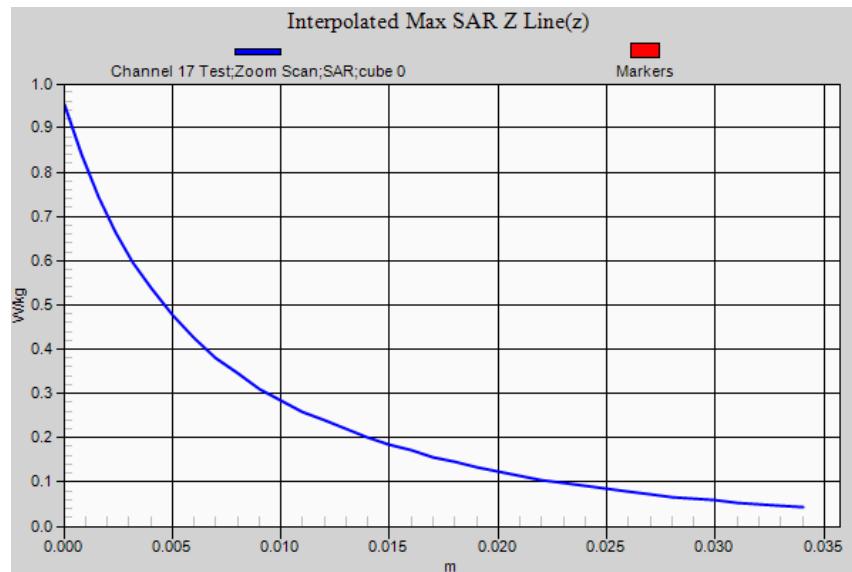


SAR Measurement Plot 23



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Test Lab: EMC Tech

Test File: M130336 635 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 1**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 628.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=613.8$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

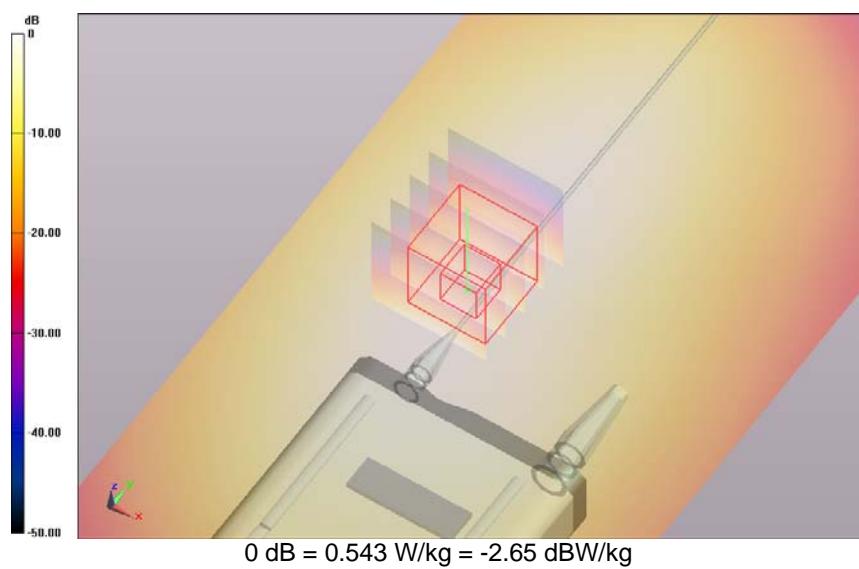
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 1/Channel 18 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.555 W/kg**Body Worn Belt Clip 1/Channel 18 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 20.464 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.547 W/kg; SAR(10g) = 0.327 W/kg**

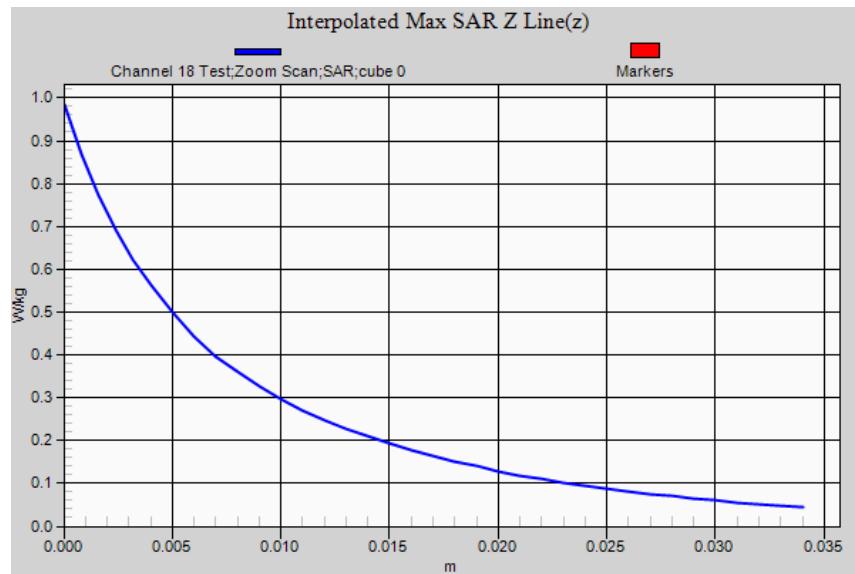
Maximum value of SAR (interpolated) = 0.984 W/kg



SAR Measurement Plot 24



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Test Lab: EMC Tech

Test File: M130336 635 MHz Belt Clip 31-07-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 1**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 642.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=628.1$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.43,6.43,6.43); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

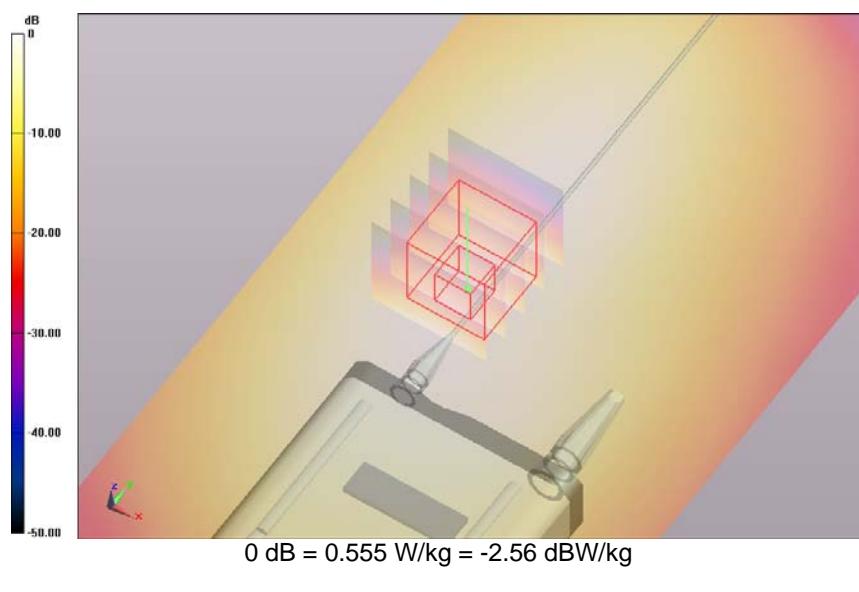
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 1/Channel 19 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.625 W/kg**Body Worn Belt Clip 1/Channel 19 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 22.112 V/m; **Power Drift = -0.05 dB****Averaged SAR: SAR(1g) = 0.609 W/kg; SAR(10g) = 0.363 W/kg**

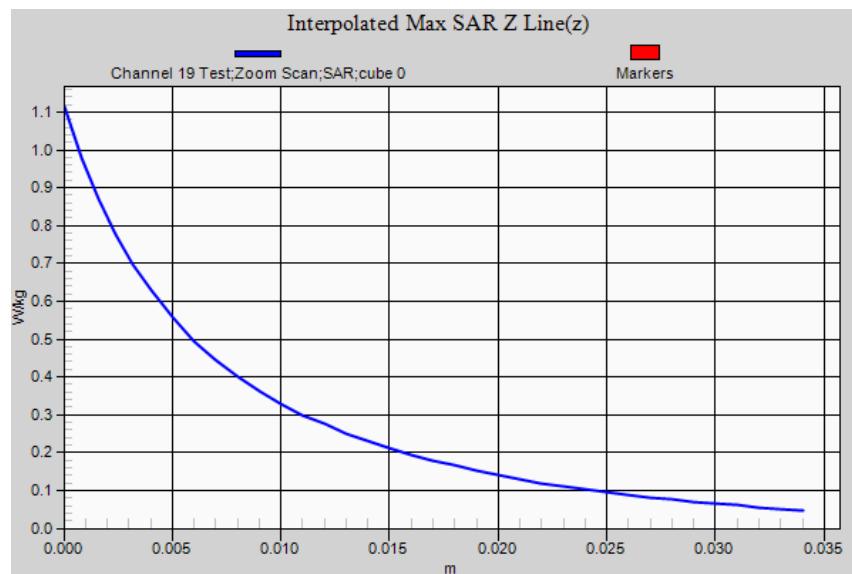
Maximum value of SAR (interpolated) = 1.110 W/kg



SAR Measurement Plot 25



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Test Lab: EMC Tech

Test File: M130336 635 MHz Belt Clip 31-07-13.da52:1

**DUT Name: Dipole 750 MHz, Type: D750V3, Serial: D750V3 - SN:1051****Configuration: System Check**

Communication System: 0 - n/a - CW (0); Communication System Band: 750 MHz; Frequency: 750.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=749.8$  MHz;  $\sigma = 1.00$  S/m;  $\epsilon_r = 56.6$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

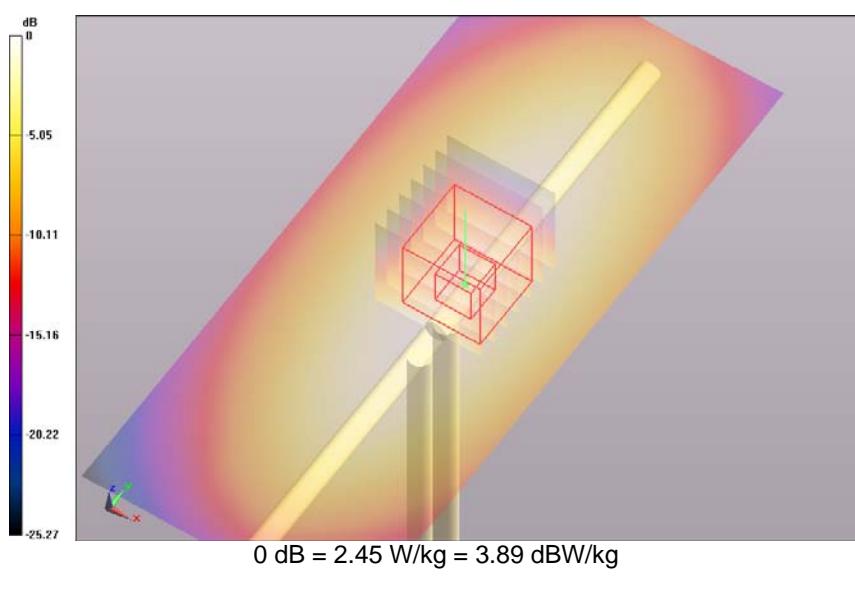
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**System Check/Channel 1 Test/Area Scan (51x121x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 2.450 W/kg**System Check/Channel 1 Test/Zoom Scan (31x31x36)/Cube 0:** Interpolated grid: dx=1.0 mm, dy=1.0 mm, dz=1.0 mm; Reference Value = 49.527 V/m; Power Drift = -0.04 dB**Averaged SAR: SAR(1g) = 2.320 W/kg; SAR(10g) = 1.550 W/kg**

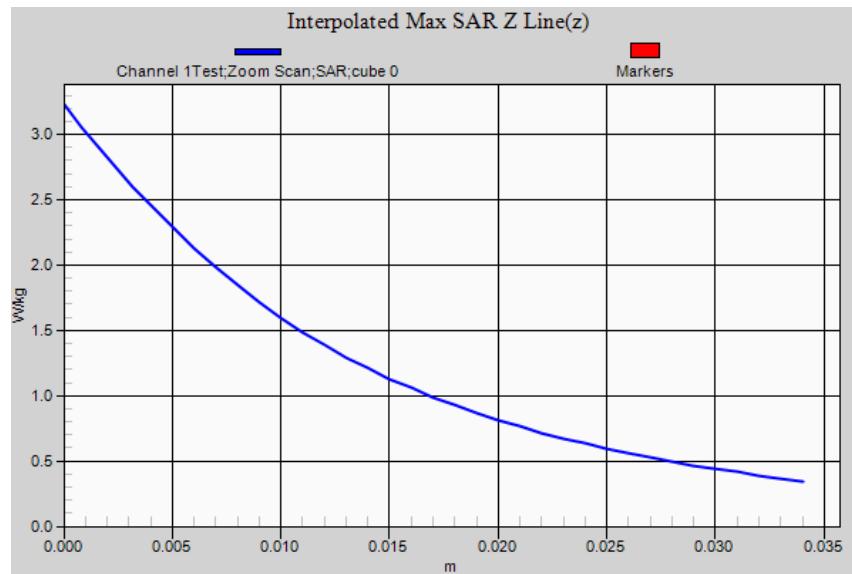
Maximum value of SAR (interpolated) = 3.230 W/kg



SAR Measurement Plot 26



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Test Lab: EMC Tech

Test File: M130336 635 MHz Belt Clip 31-07-13.da52:2

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip 2**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 655.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=655.6$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 57.6$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

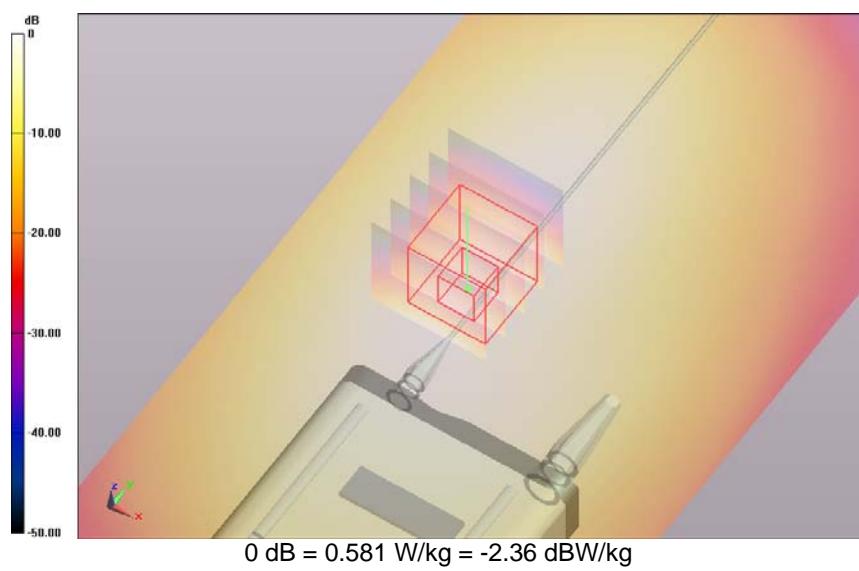
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip 2/Channel 20 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.581 W/kg**Body Worn Belt Clip 2/Channel 20 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 22.895 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 0.595 W/kg; SAR(10g) = 0.382 W/kg**

Maximum value of SAR (interpolated) = 0.815 W/kg

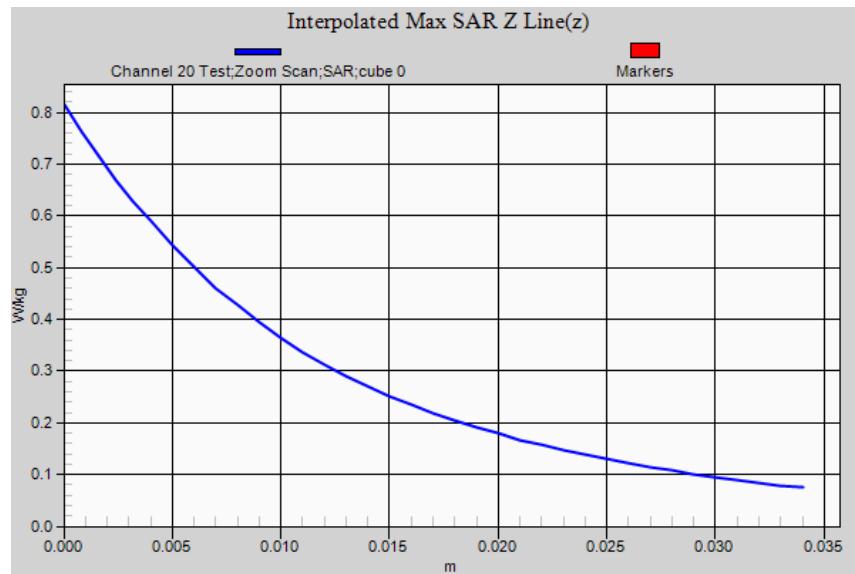


SAR Measurement Plot 27



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Test Lab: EMC Tech

Test File: M130336 677 MHz Belt Clip 01-08-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 656.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=656.2$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 57.6$ ;  $\rho = 1.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

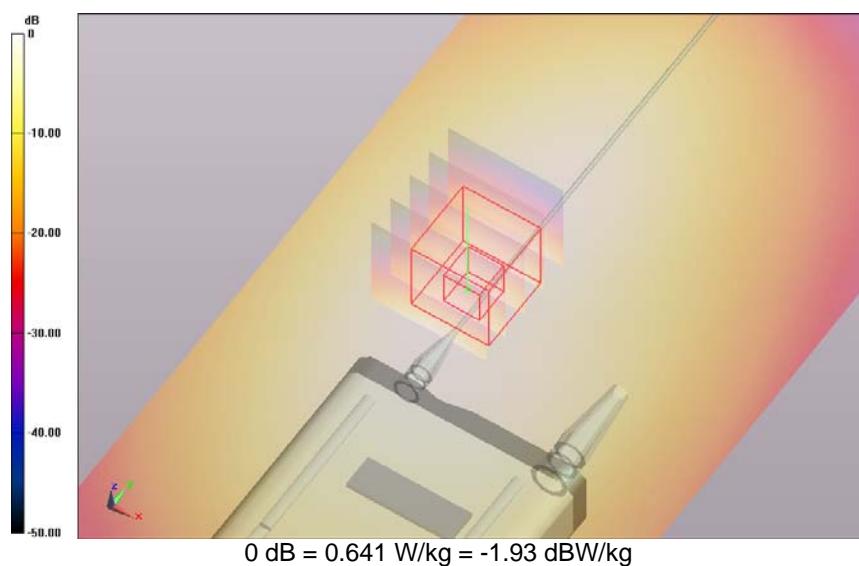
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 21 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.641 W/kg**Body Worn Belt Clip/Channel 21 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 22.362 V/m; **Power Drift = -0.02 dB****Averaged SAR: SAR(1g) = 0.646 W/kg; SAR(10g) = 0.413 W/kg**

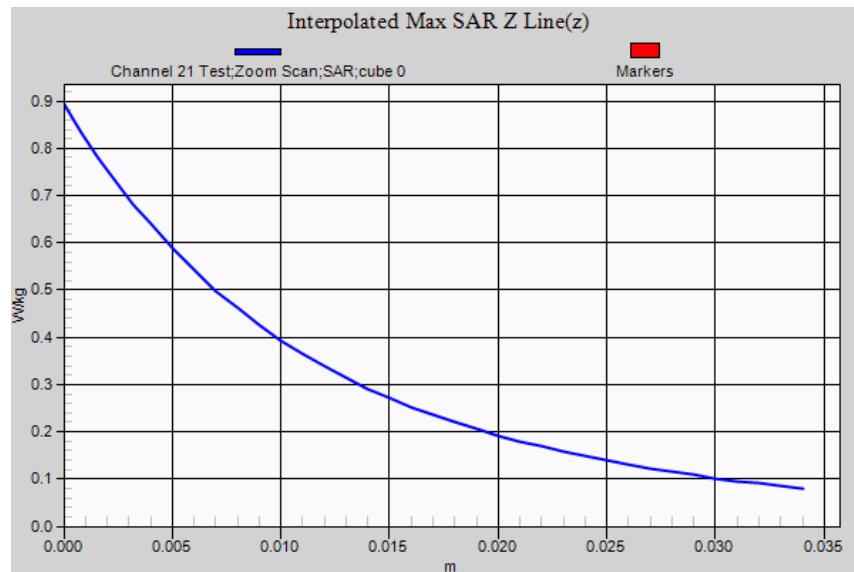
Maximum value of SAR (interpolated) = 0.892 W/kg



SAR Measurement Plot 28



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Test Lab: EMC Tech

Test File: M130336 677 MHz Belt Clip 01-08-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 670.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=656.2$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 57.4$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

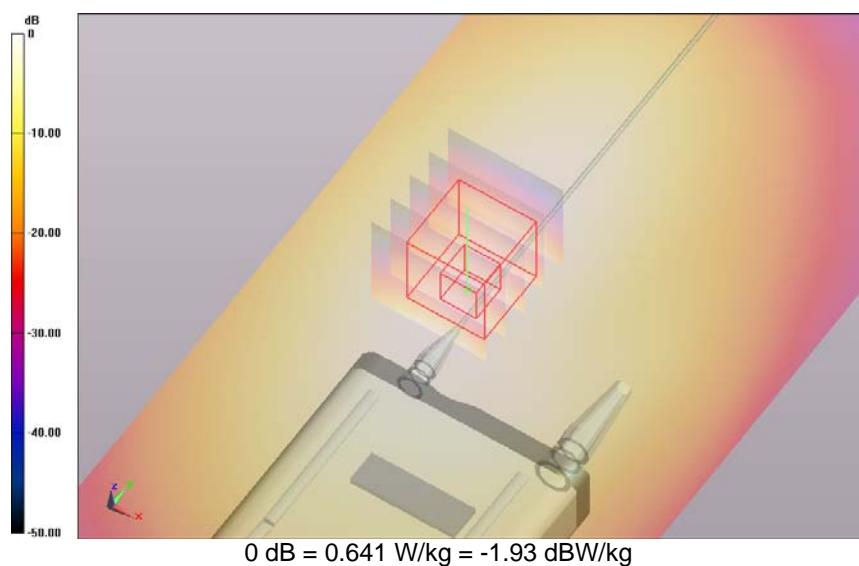
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 22 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.658 W/kg**Body Worn Belt Clip/Channel 22 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 22.161 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.656 W/kg; SAR(10g) = 0.414 W/kg**

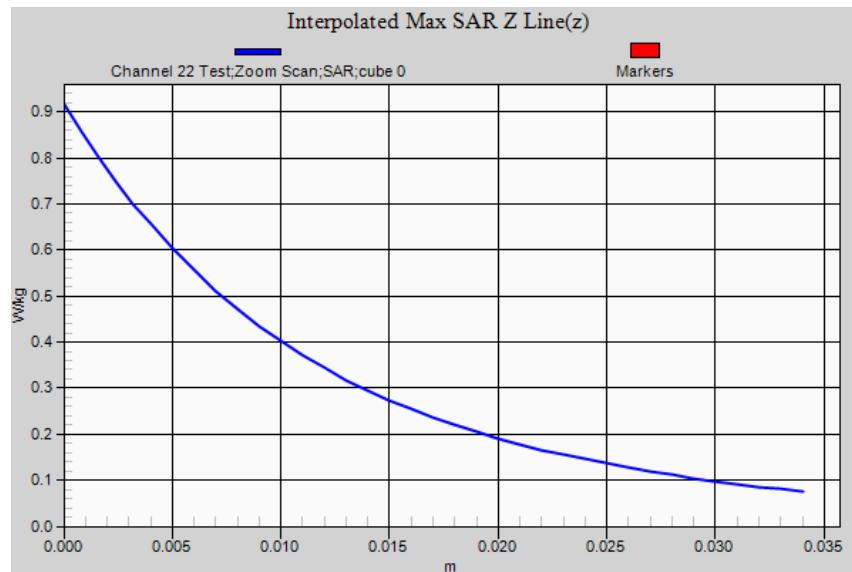
Maximum value of SAR (interpolated) = 0.915 W/kg



SAR Measurement Plot 29



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Accreditation No. 5292

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Test Lab: EMC Tech

Test File: M130336 677 MHz Belt Clip 01-08-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 684.0

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=670$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 57.3$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

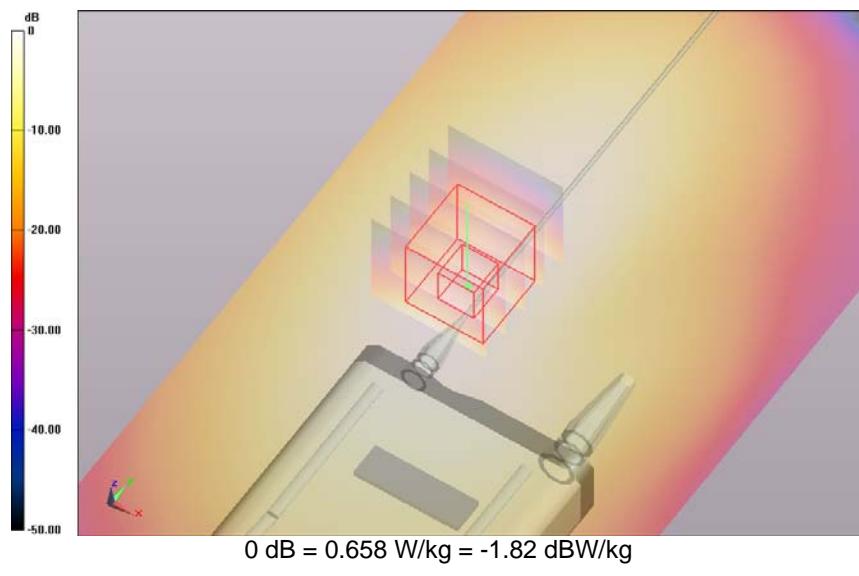
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 23 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.637 W/kg**Body Worn Belt Clip/Channel 23 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 20.508 V/m; **Power Drift = -0.03 dB****Averaged SAR: SAR(1g) = 0.630 W/kg; SAR(10g) = 0.398 W/kg**

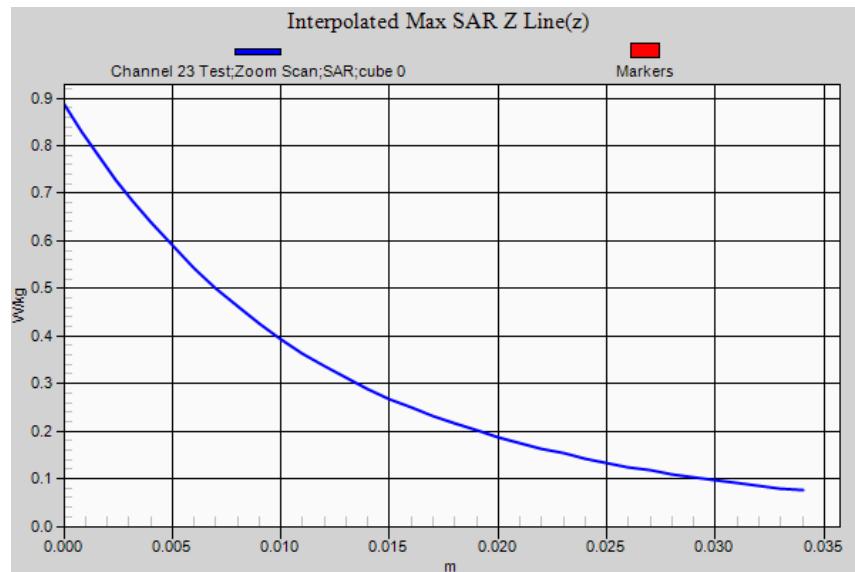
Maximum value of SAR (interpolated) = 0.886 W/kg



SAR Measurement Plot 30



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Test Lab: EMC Tech

Test File: M130336 677 MHz Belt Clip 01-08-13.da52:0

**DUT Name: Audio Limited Wireless Microphone, Type: En2 HTP, Serial: 638735-03****Configuration: Body Worn Belt Clip**

Communication System: 0 - n/a - CW (0); Communication System Band: Audio Limited; Frequency: 697.9

MHz, Communication System PAR: 0.00 dB; PMF: 0.00; Duty Cycle: 1:1.00

Medium Parameters used:  $f=683.8$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 57.2$ ;  $\rho = 1000.0$  g/cm<sup>3</sup>

Phantom section: Flat Section

**DASY Configuration:**

Probe: ET3DV6 - SN1380; ConvF: (6.19,6.19,6.19); Calibrated: 10/12/2012;

Sensor-Surface: 4 mm (Mechanical Surface Detection)

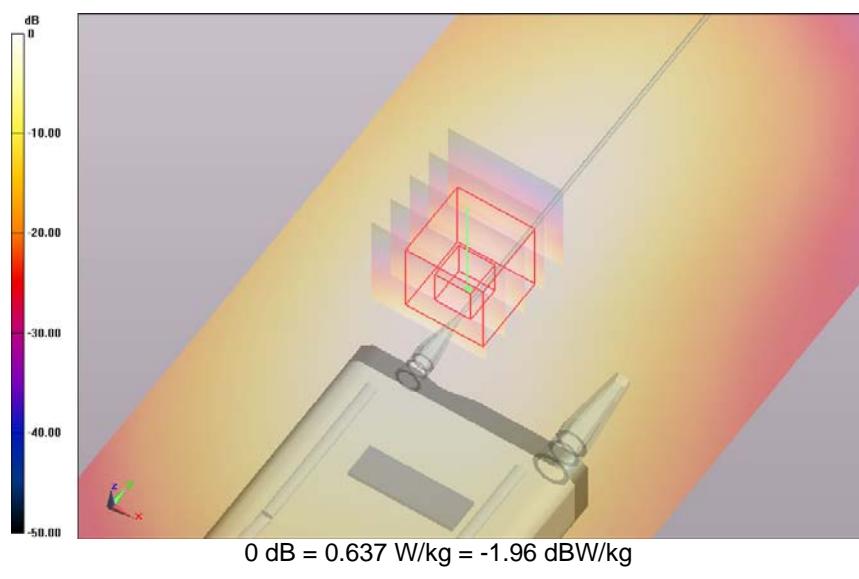
Electronics: DAE3 Sn442; Calibrated: 4/12/2012

Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1101

DASY52 52.8.7(1137); SEMCAD X Version 14.6.9 (7117)

**Body Worn Belt Clip/Channel 24 Test/Area Scan (81x181x1):** Interpolated grid: dx=1.5 mm, dy=1.5 mm; Maximum value of SAR (interpolated) = 0.575 W/kg**Body Worn Belt Clip/Channel 24 Test/Zoom Scan (21x21x36)/Cube 0:** Interpolated grid: dx=1.6 mm, dy=1.6 mm, dz=1.0 mm; Reference Value = 20.077 V/m; **Power Drift = -0.01 dB****Averaged SAR: SAR(1g) = 0.561 W/kg; SAR(10g) = 0.360 W/kg**

Maximum value of SAR (interpolated) = 0.797 W/kg

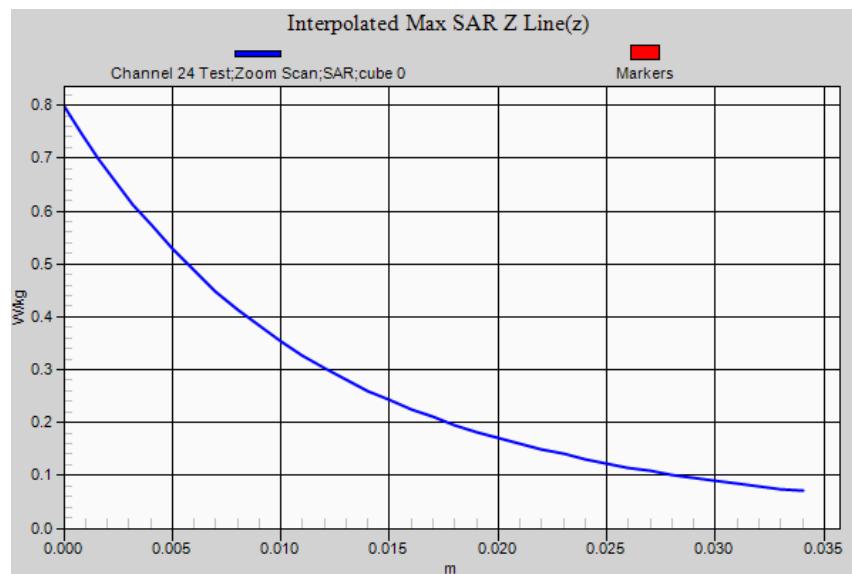


SAR Measurement Plot 31



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