

Test Laboratory: Compliance Certification Services

## Horizontal up\_150 deg\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

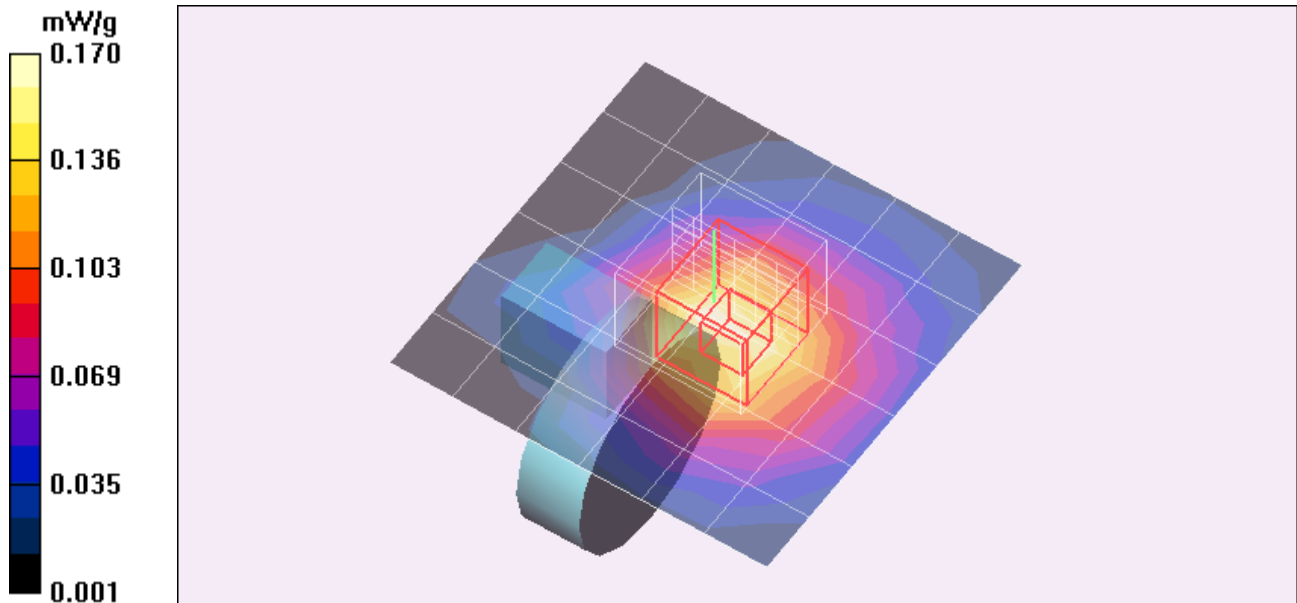
Maximum value of SAR (measured) = 0.170 mW/g

**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.057 mW/g**

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



Test Laboratory: Compliance Certification Services

## Horizontal up\_150 deg\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

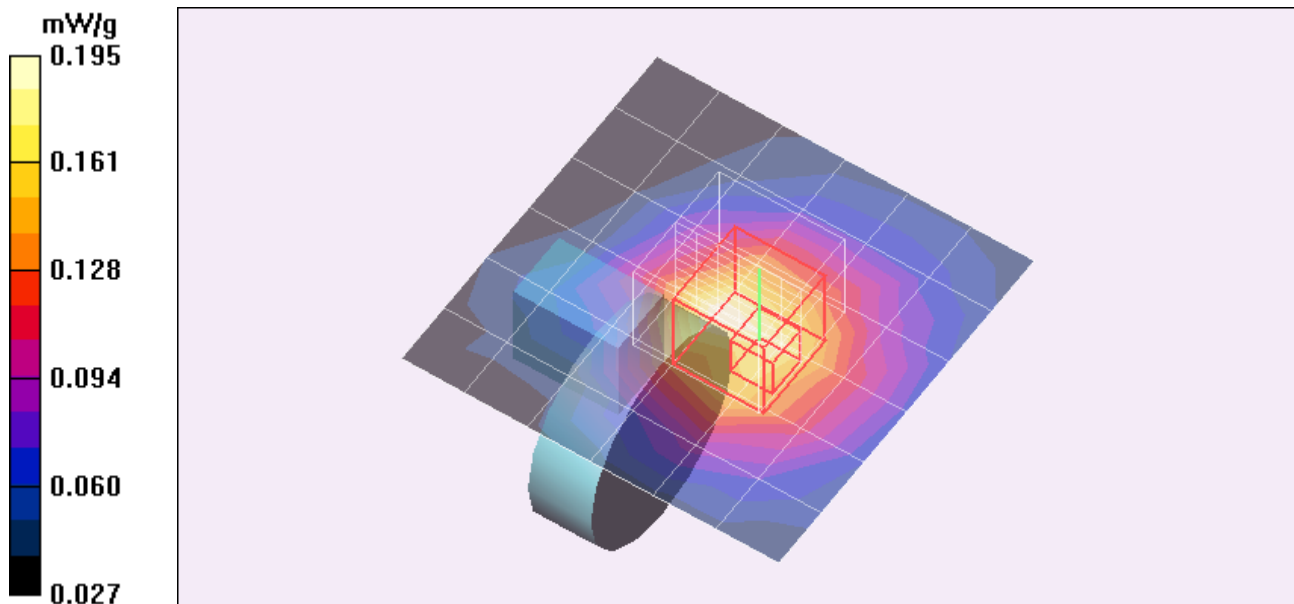
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.091 mW/g**

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

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



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Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.168 mW/g

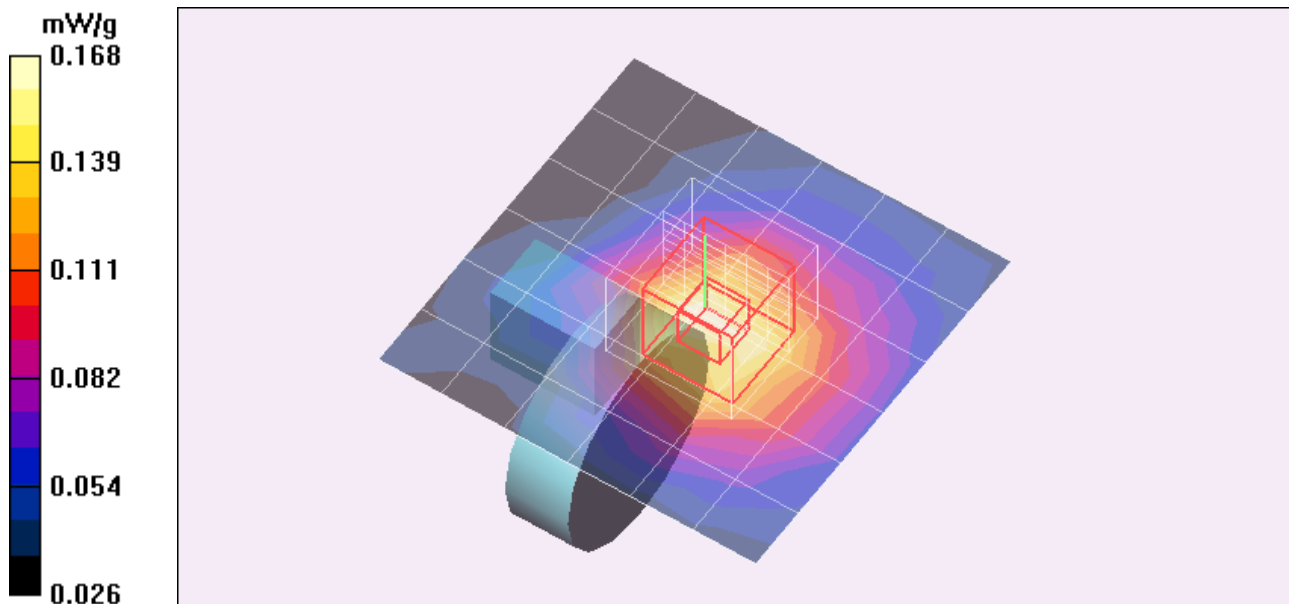
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.094 mW/g**

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

Maximum value of SAR (measured) = 0.174 mW/g



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## Horizontal up\_150 deg\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

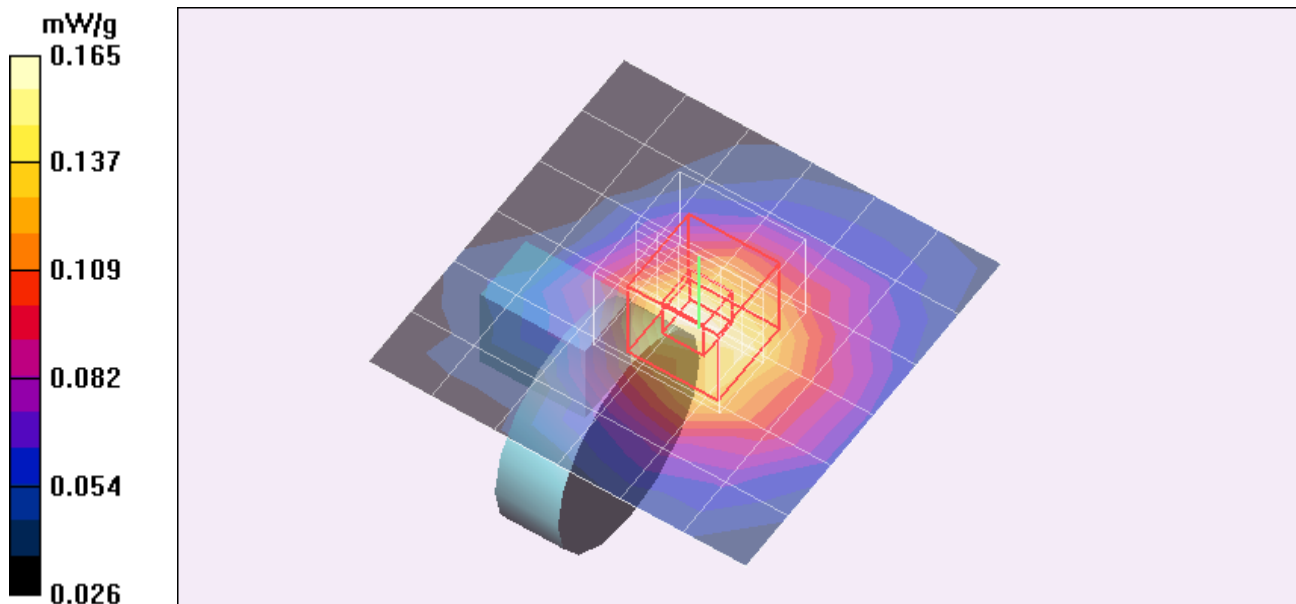
Maximum value of SAR (measured) = 0.165 mW/g

**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.092 mW/g**

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



Test Laboratory: Compliance Certification Services

## 1\_Horizontal up

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5HMz\_16QAM\_Mid-ch\_150deg\_Aux ant/Area Scan (9x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.358 mW/g

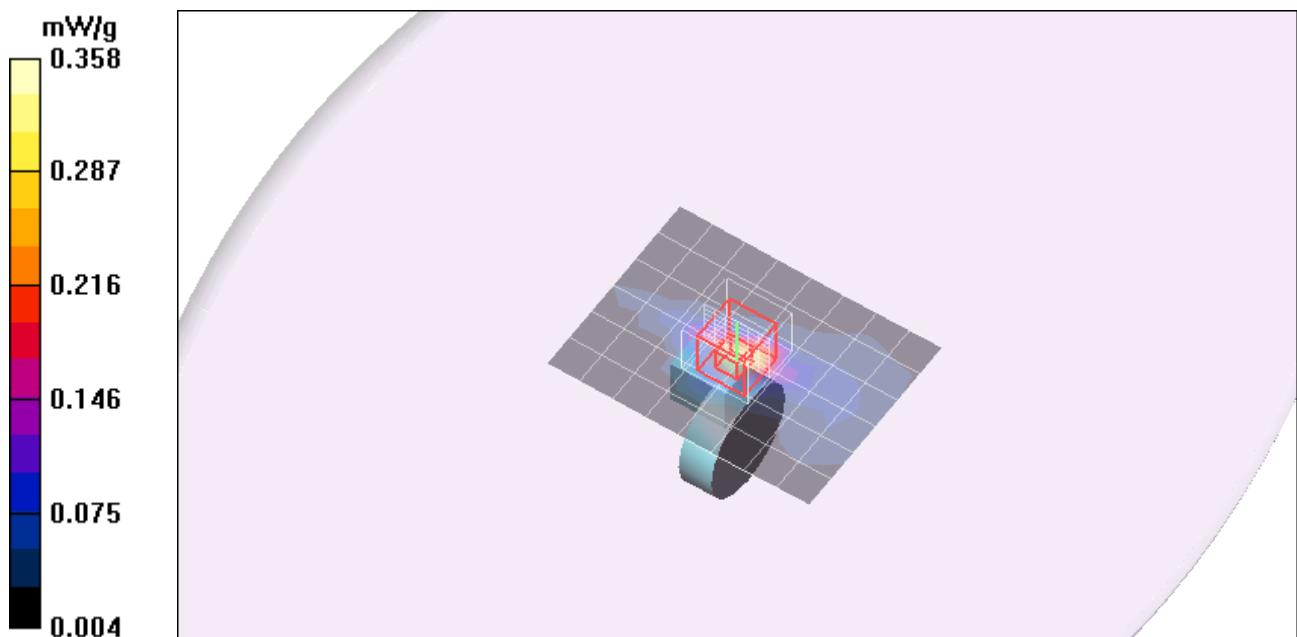
**5HMz\_16QAM\_Mid-ch\_150deg\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.132 mW/g**

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

Maximum value of SAR (measured) = 0.408 mW/g



Test Laboratory: Compliance Certification Services

## Horizontal down\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.931 mW/g

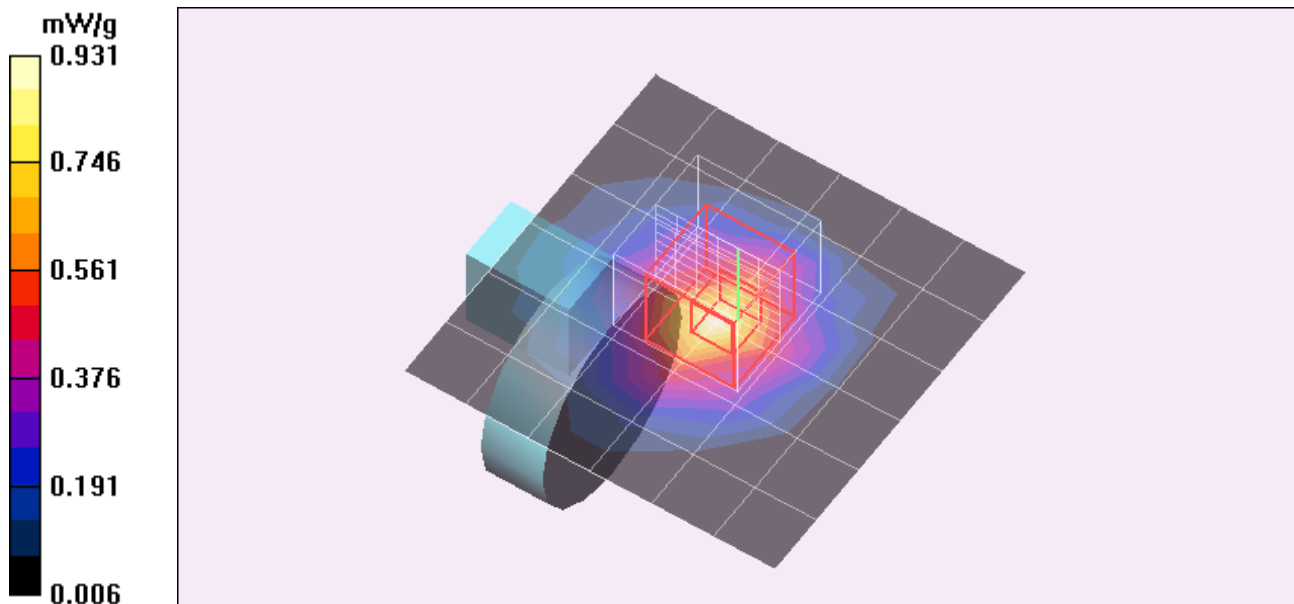
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.378 mW/g**

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

Maximum value of SAR (measured) = 0.929 mW/g



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## Horizontal down\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.943 mW/g

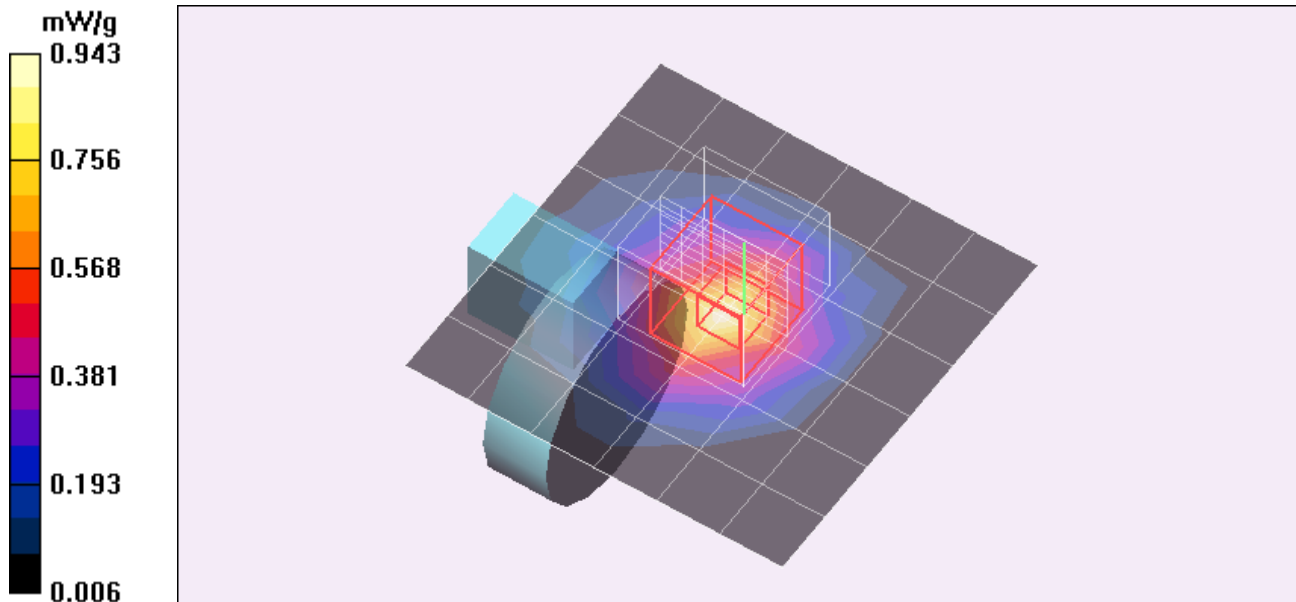
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.381 mW/g**

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

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



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## Horizontal down\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.845 mW/g

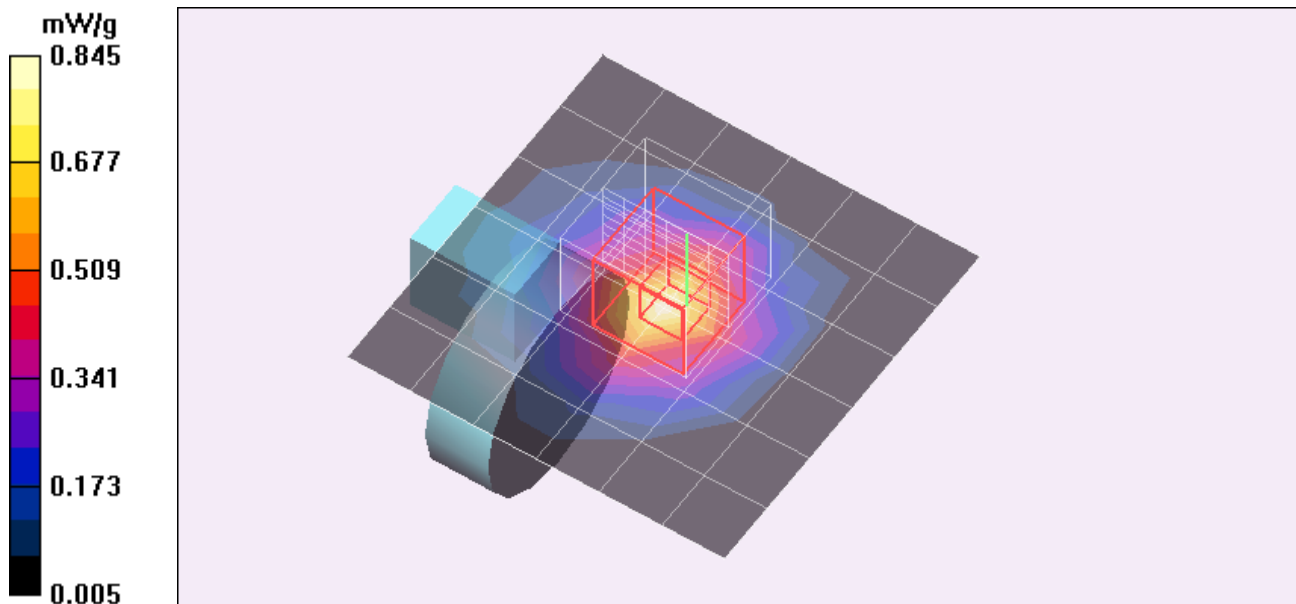
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.343 mW/g**

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

Maximum value of SAR (measured) = 0.840 mW/g





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## Horizontal down\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:2.61

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

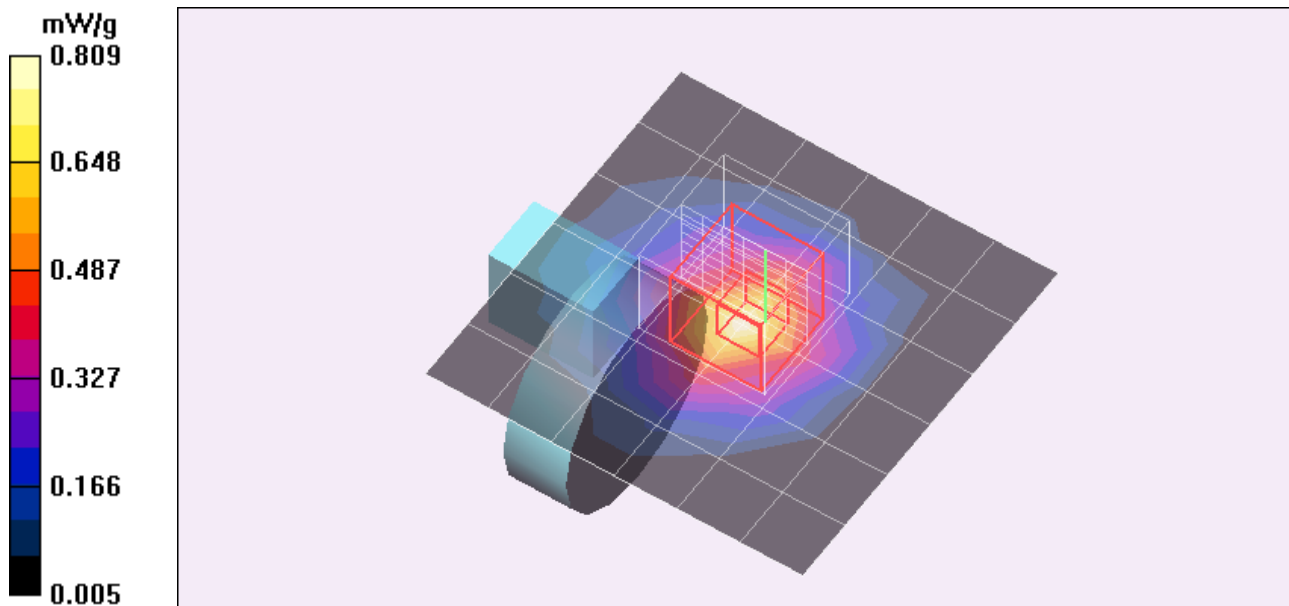
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.330 mW/g**

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

Maximum value of SAR (measured) = 0.816 mW/g



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## 2\_Horizontal down

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.23$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5HMz\_16QAM\_Mid-ch\_150deg\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.455 mW/g

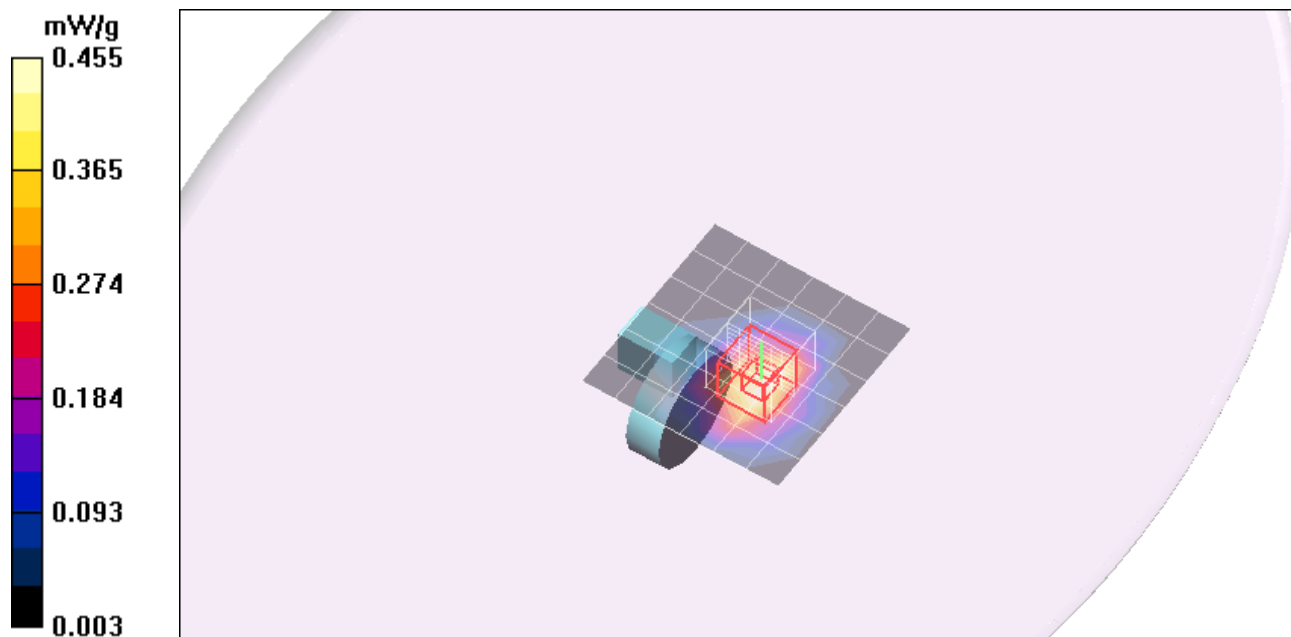
**5HMz\_16QAM\_Mid-ch\_150deg\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.768 W/kg

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.217 mW/g**

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

Maximum value of SAR (measured) = 0.501 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2498.5$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.48, 6.48, 6.48); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Low-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

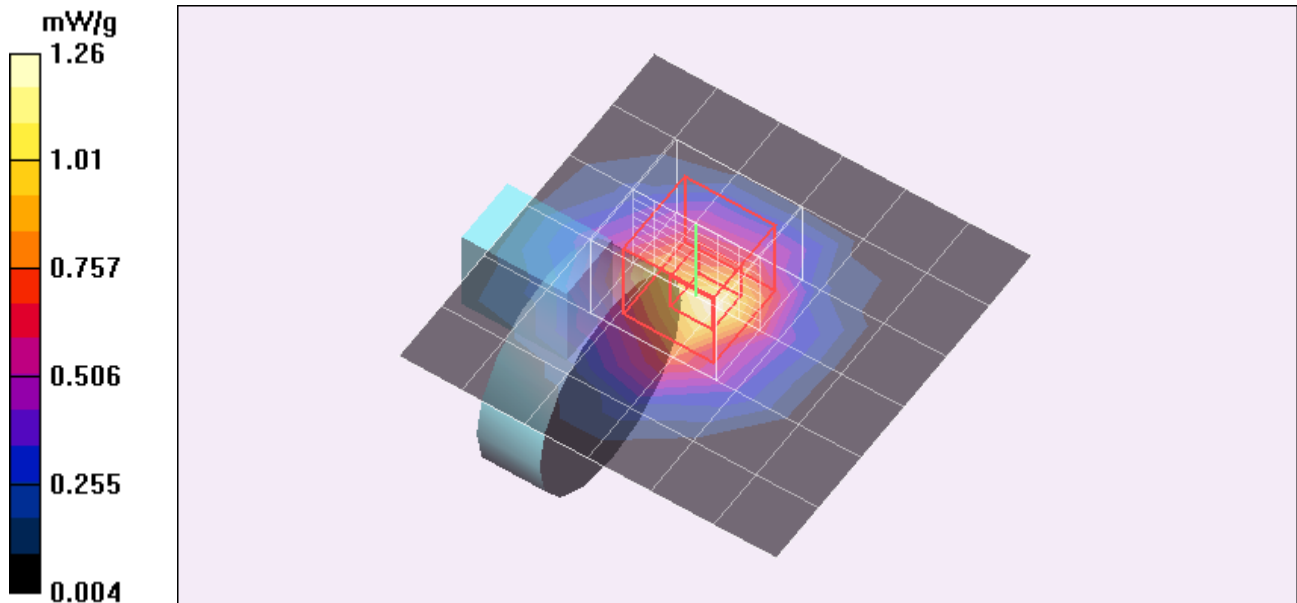
Maximum value of SAR (measured) = 1.26 mW/g

**Low-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.530 mW/g**

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



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz;Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

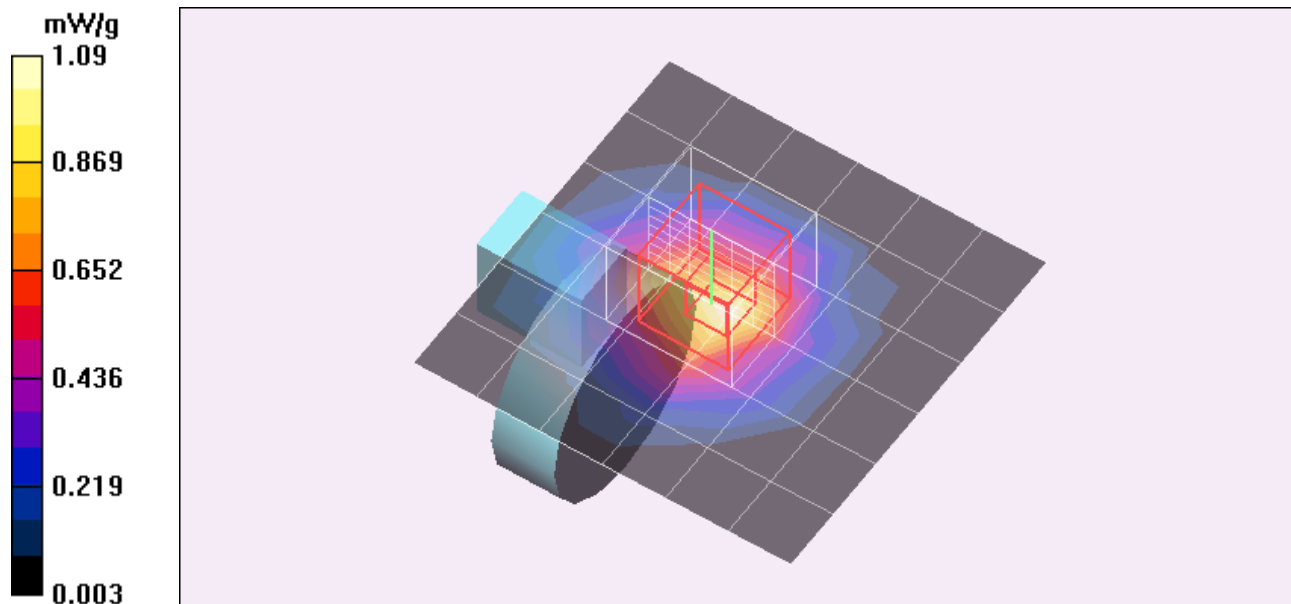
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.459 mW/g**

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

Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2687.5$  MHz;  $\sigma = 2.27$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**High-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.800 mW/g

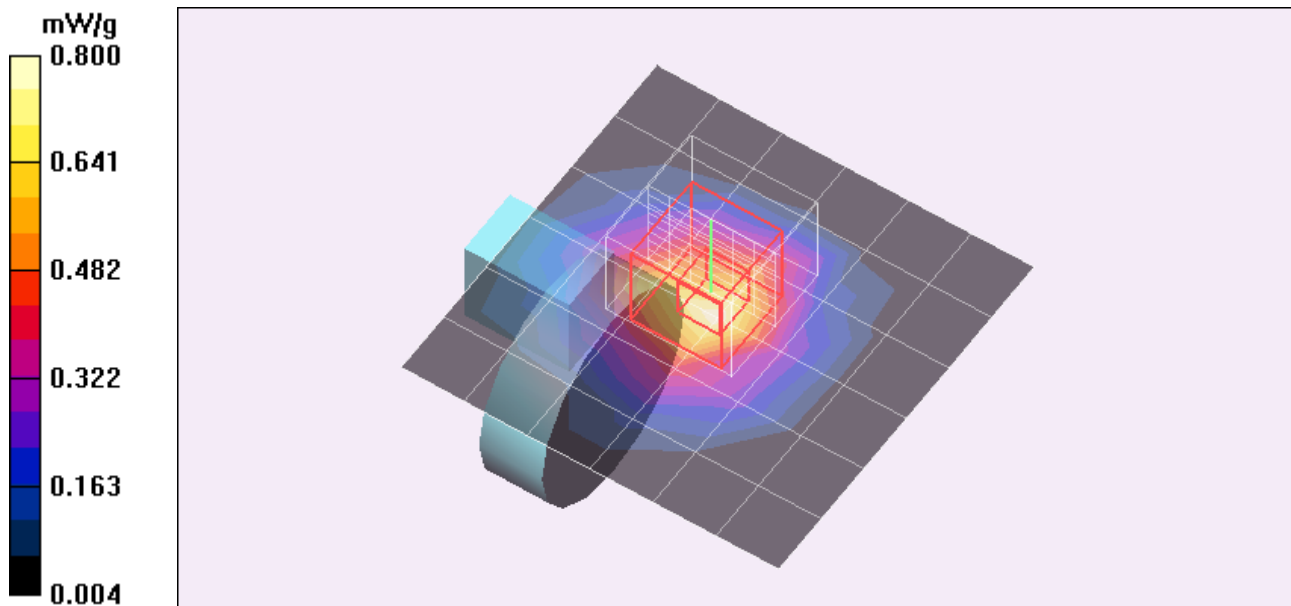
**High-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.331 mW/g**

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

Maximum value of SAR (measured) = 0.822 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2498.5$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.48, 6.48, 6.48); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Low-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

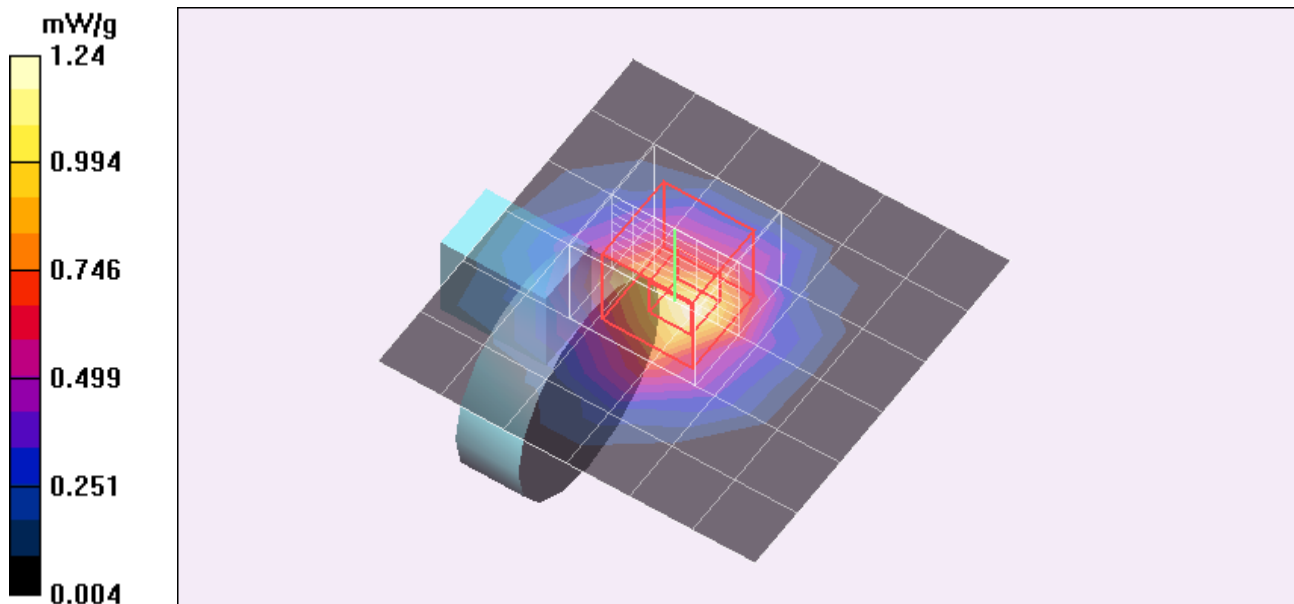
**Low-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.530 mW/g**

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

Maximum value of SAR (measured) = 1.27 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.07 mW/g

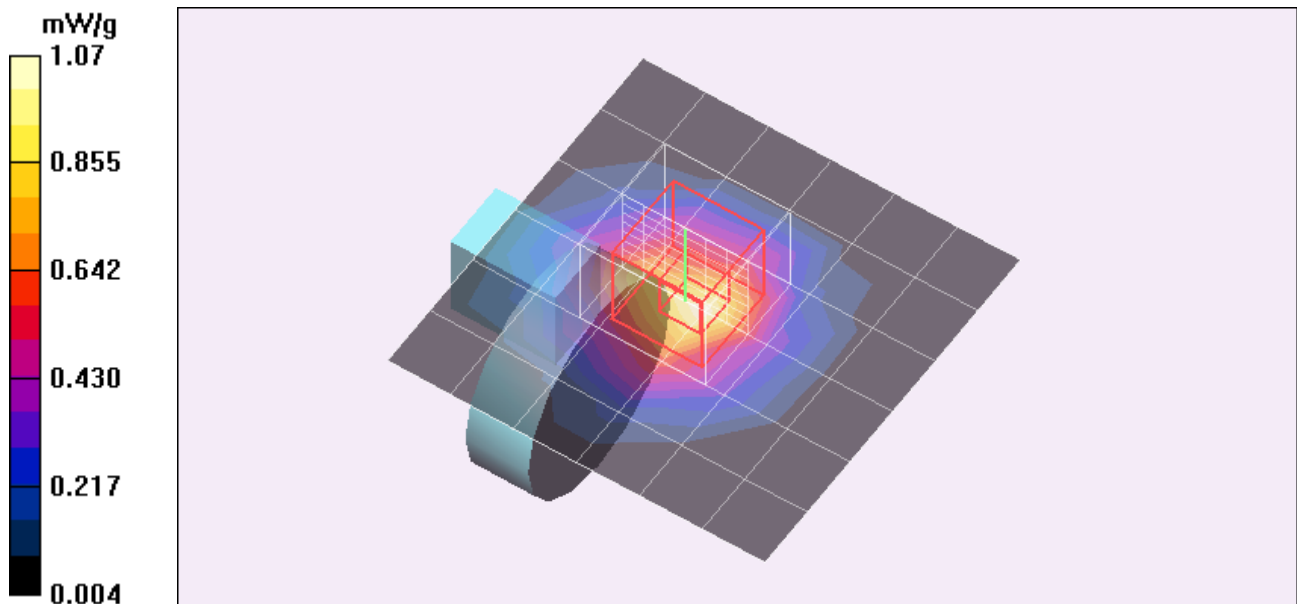
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.441 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2687.5$  MHz;  $\sigma = 2.27$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**High-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.786 mW/g

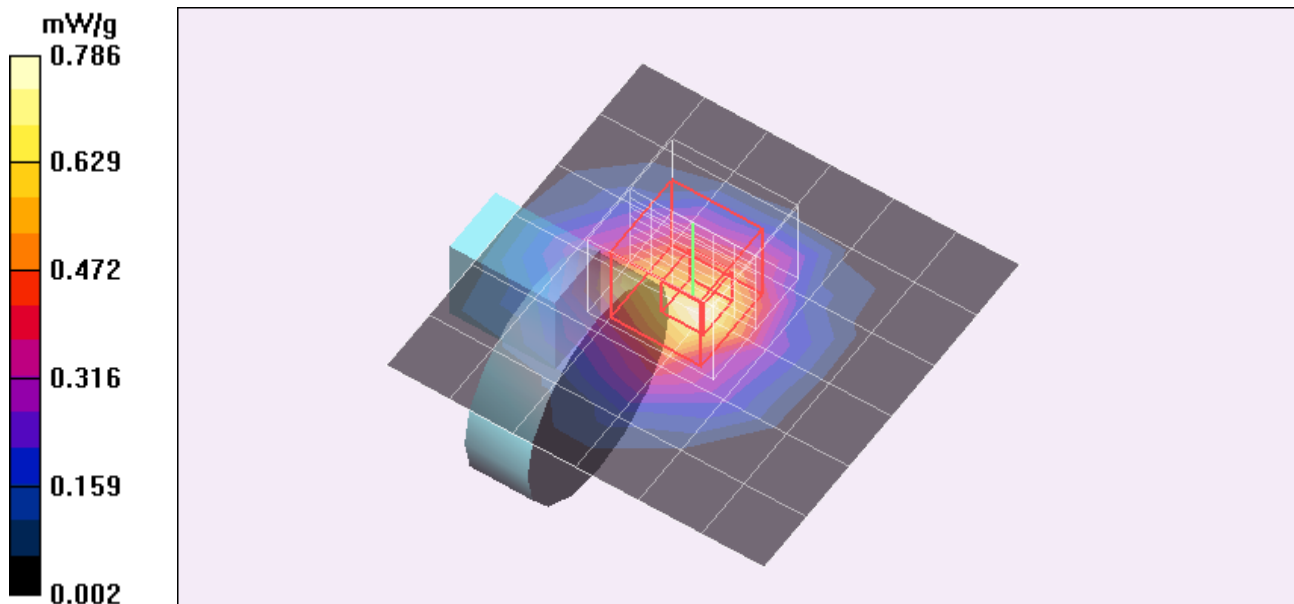
**High-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.324 mW/g**

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

Maximum value of SAR (measured) = 0.825 mW/g





Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2501$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Low-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.12 mW/g

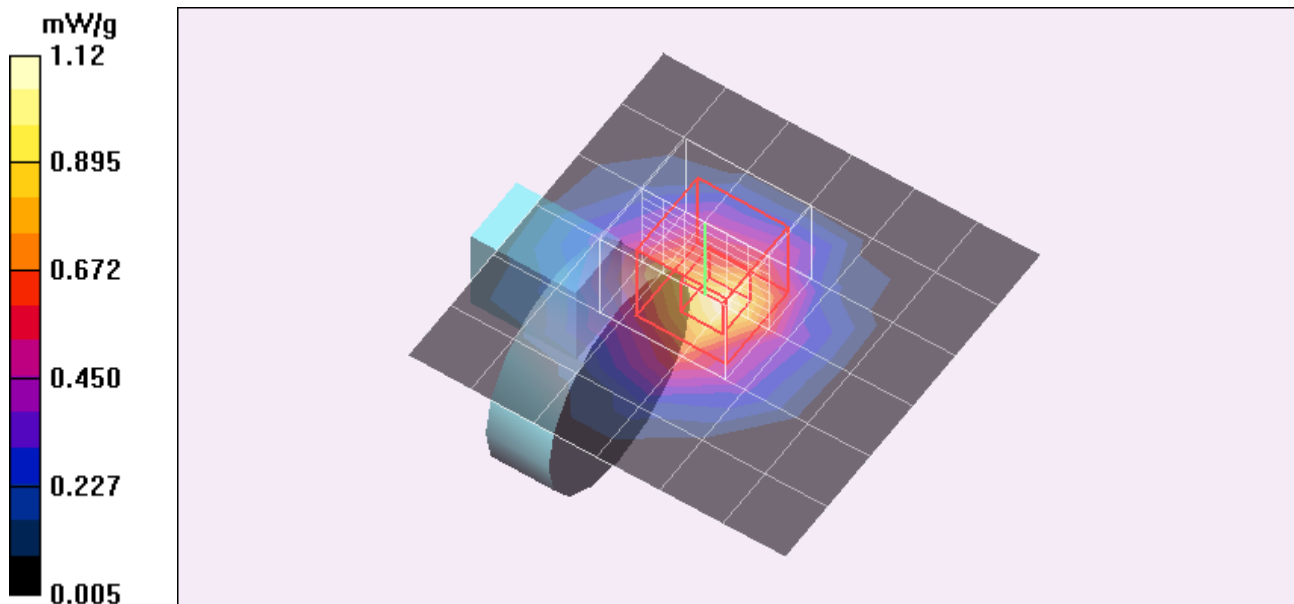
**Low-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.463 mW/g**

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

Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.971 mW/g

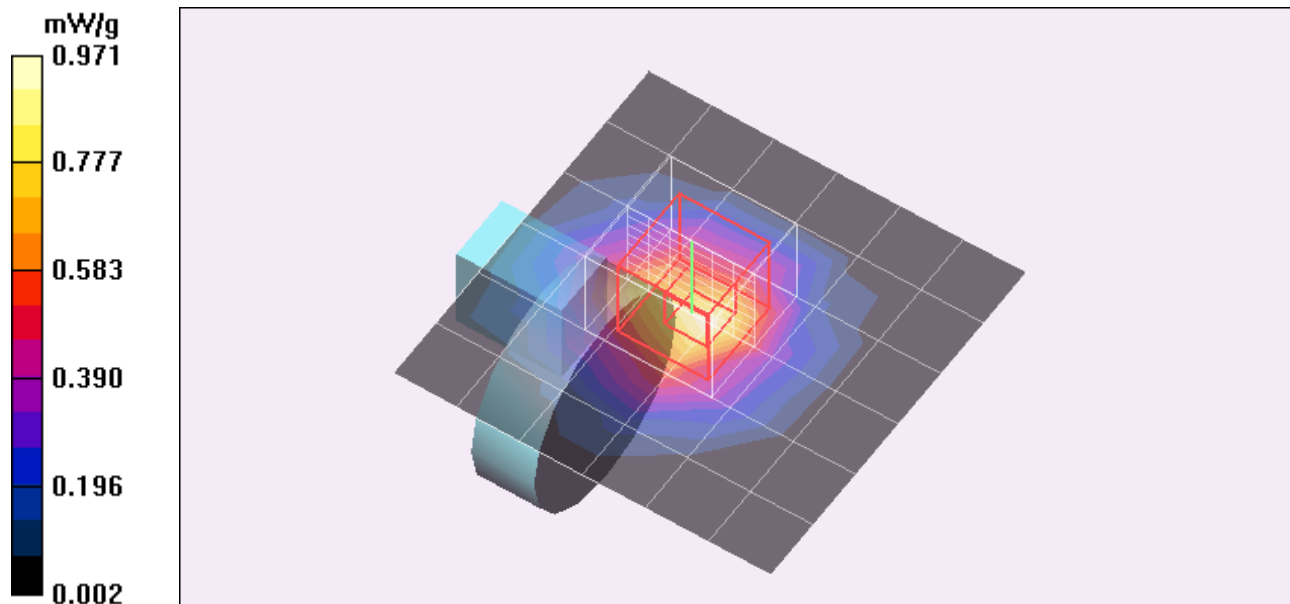
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.418 mW/g**

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

Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2685$  MHz;  $\sigma = 2.27$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**High-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.712 mW/g

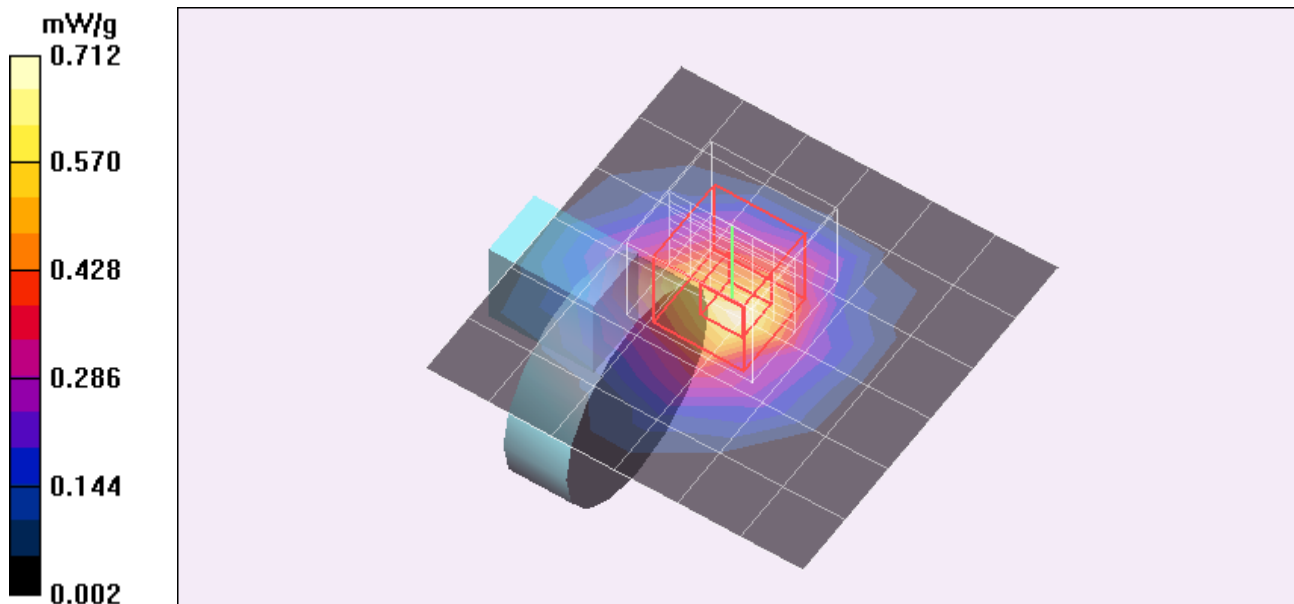
**High-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.297 mW/g**

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

Maximum value of SAR (measured) = 0.748 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.981 mW/g

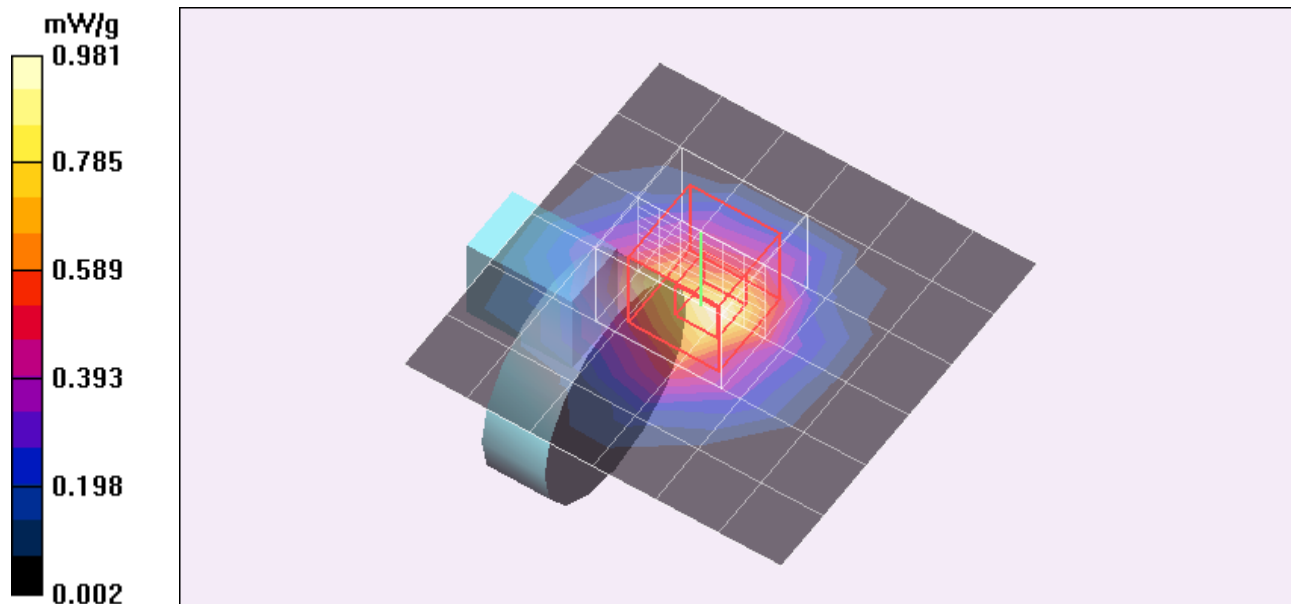
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.406 mW/g**

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

Maximum value of SAR (measured) = 0.986 mW/g



Test Laboratory: Compliance Certification Services

### 3-1\_Vertical front and face up

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5MHz\_QPSK\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.486 mW/g

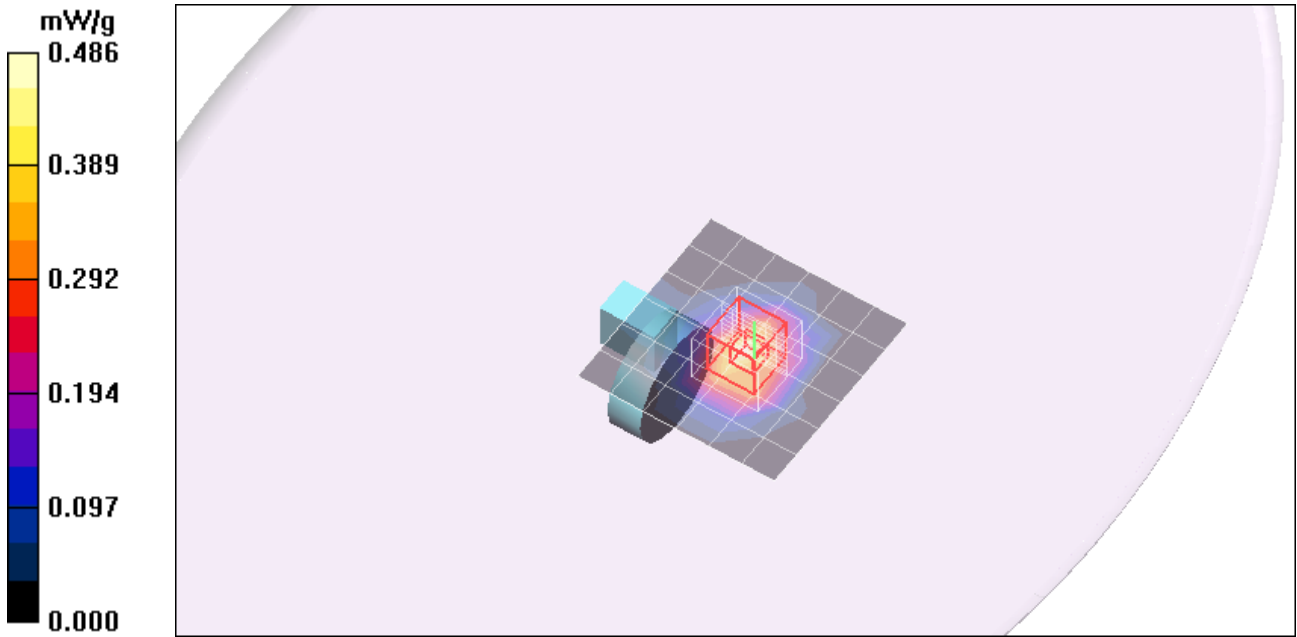
**5MHz\_QPSK\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.760 W/kg

**SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.215 mW/g**

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

Maximum value of SAR (measured) = 0.501 mW/g



Test Laboratory: Compliance Certification Services

### 3-1\_Vertical front and face up

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5MHz\_16QAM\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

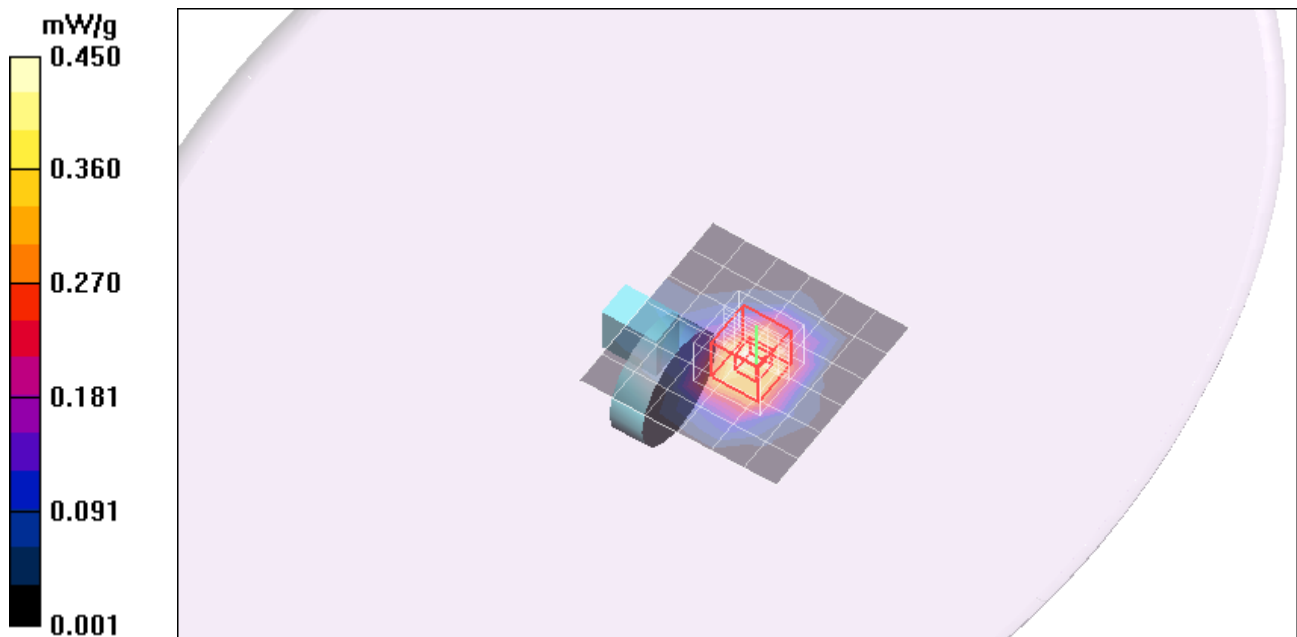
**5MHz\_16QAM\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.760 W/kg

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.212 mW/g**

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

Maximum value of SAR (measured) = 0.511 mW/g



Test Laboratory: Compliance Certification Services

### 3-1\_Vertical front and face up

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**10MHz\_QPSK\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.454 mW/g

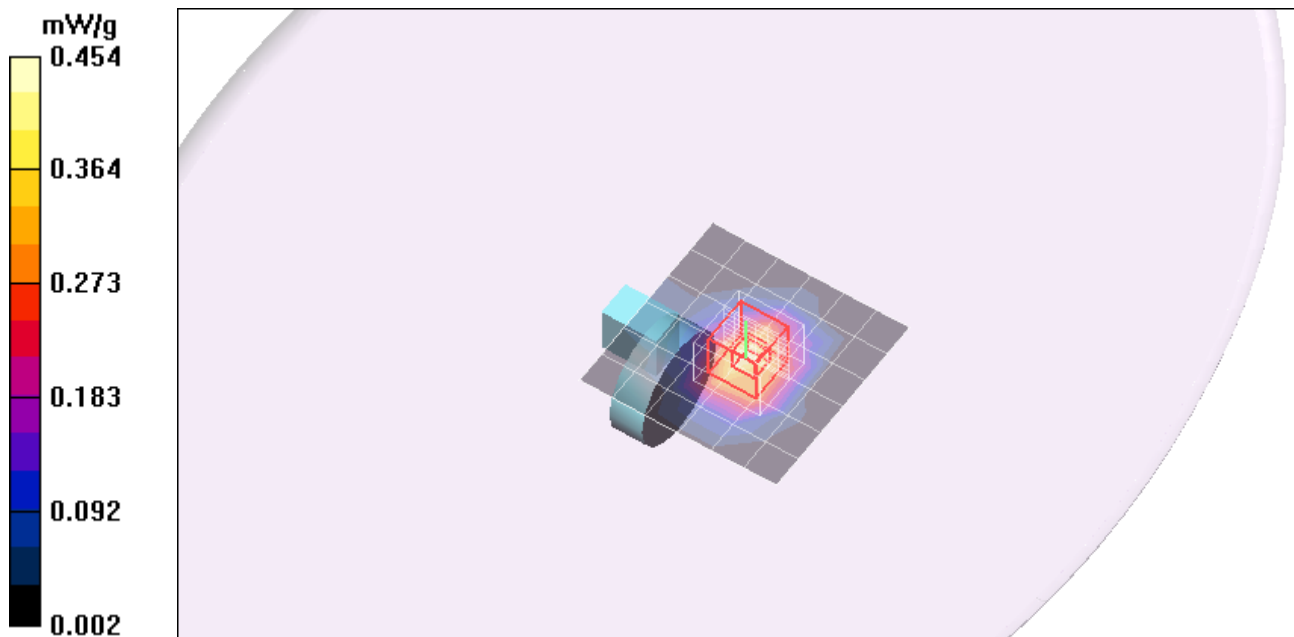
**10MHz\_QPSK\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.694 W/kg

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.198 mW/g**

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

Maximum value of SAR (measured) = 0.462 mW/g



Test Laboratory: Compliance Certification Services

### 3-1\_Vertical front and face up

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**10MHz\_16QAM\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

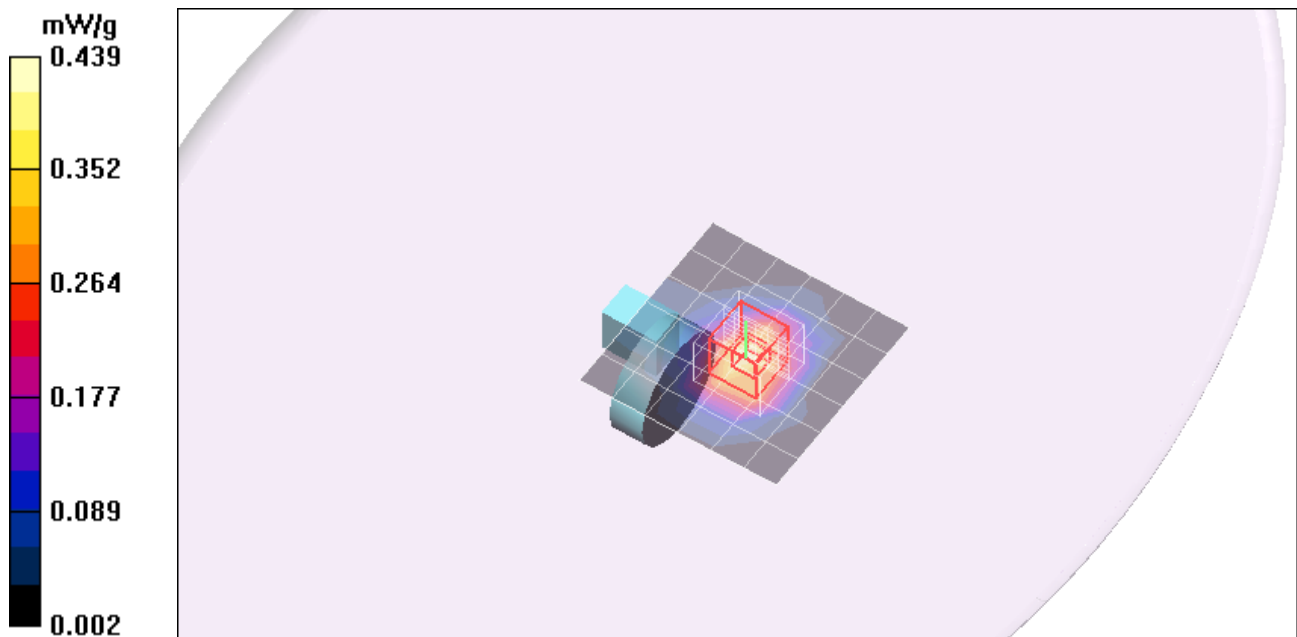
**10MHz\_16QAM\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.688 W/kg

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.195 mW/g**

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

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





Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

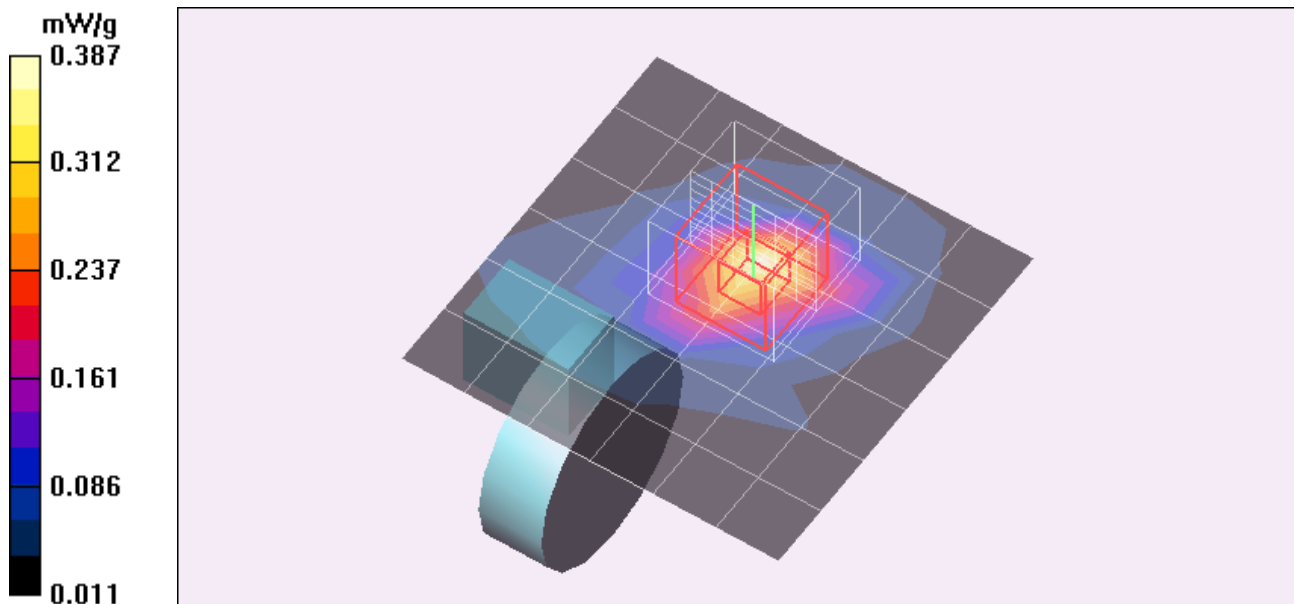
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.157 mW/g**

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

Maximum value of SAR (measured) = 0.503 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.374 mW/g

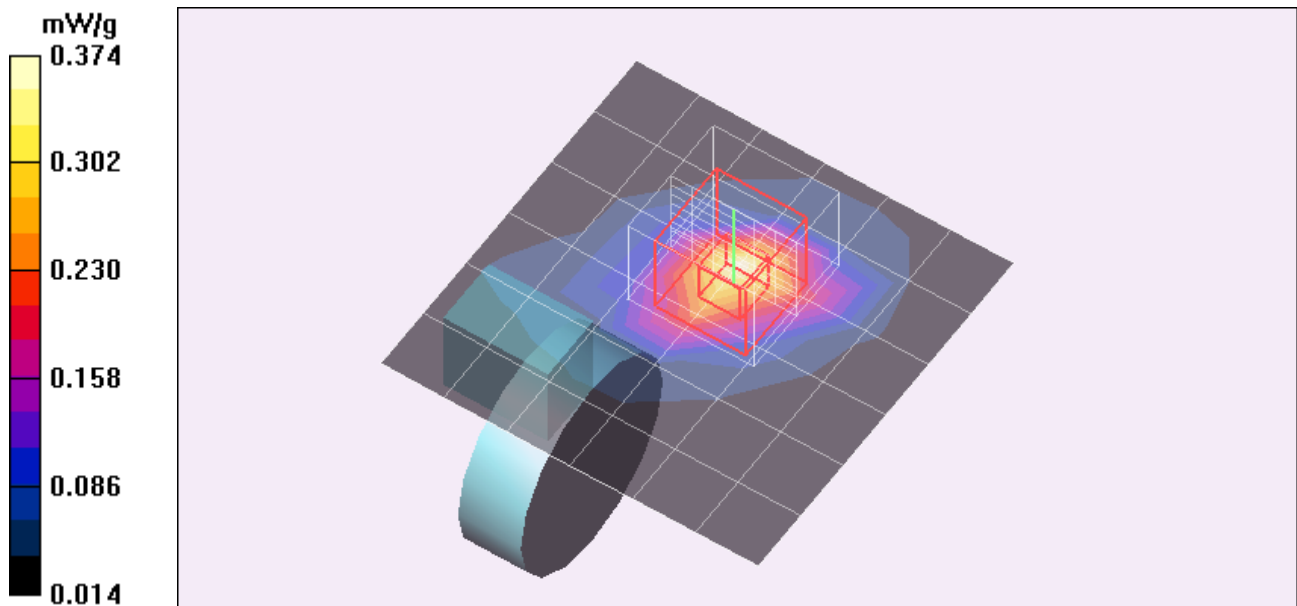
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.148 mW/g**

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

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: Compliance Certification Services

## Vertical front\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

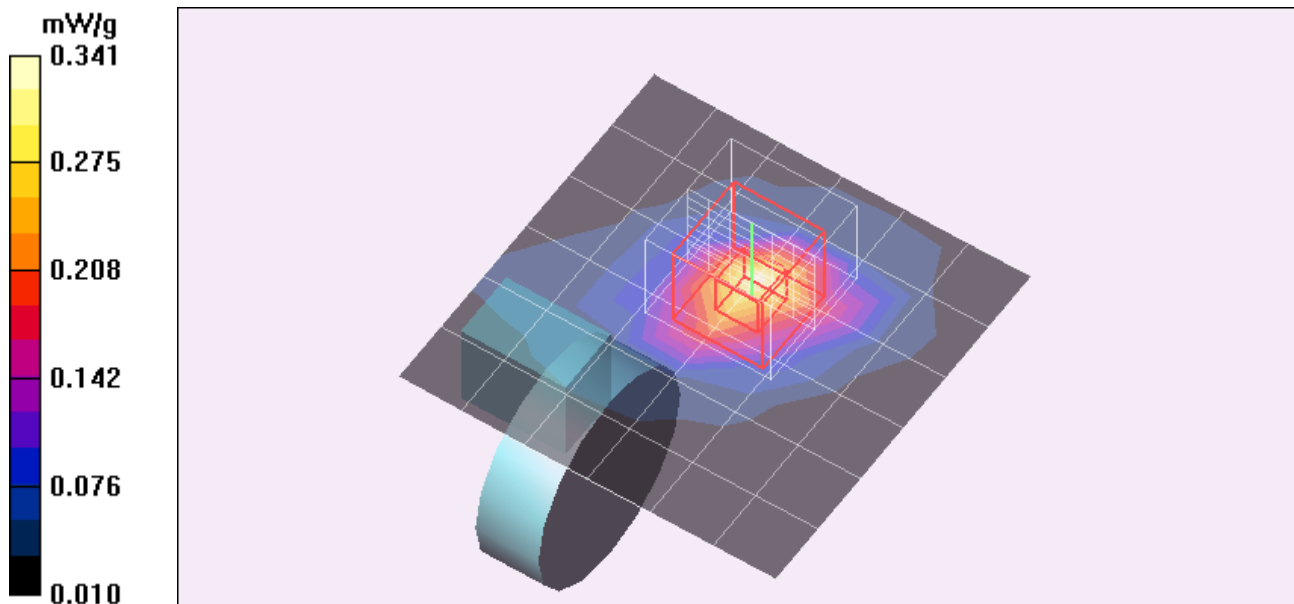
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.736 W/kg

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.138 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Vertical front\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.328 mW/g

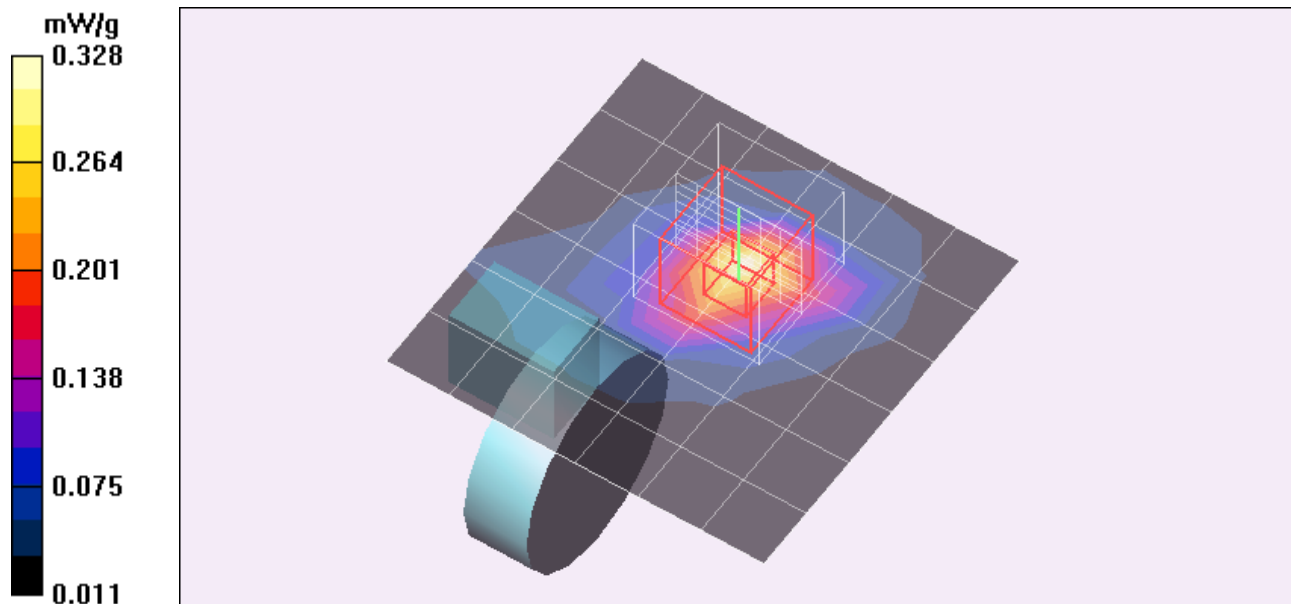
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.694 W/kg

**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.131 mW/g**

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

Maximum value of SAR (measured) = 0.415 mW/g



Test Laboratory: Compliance Certification Services

### 3-2\_Vertical front

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5MHz\_16QAM\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.241 mW/g

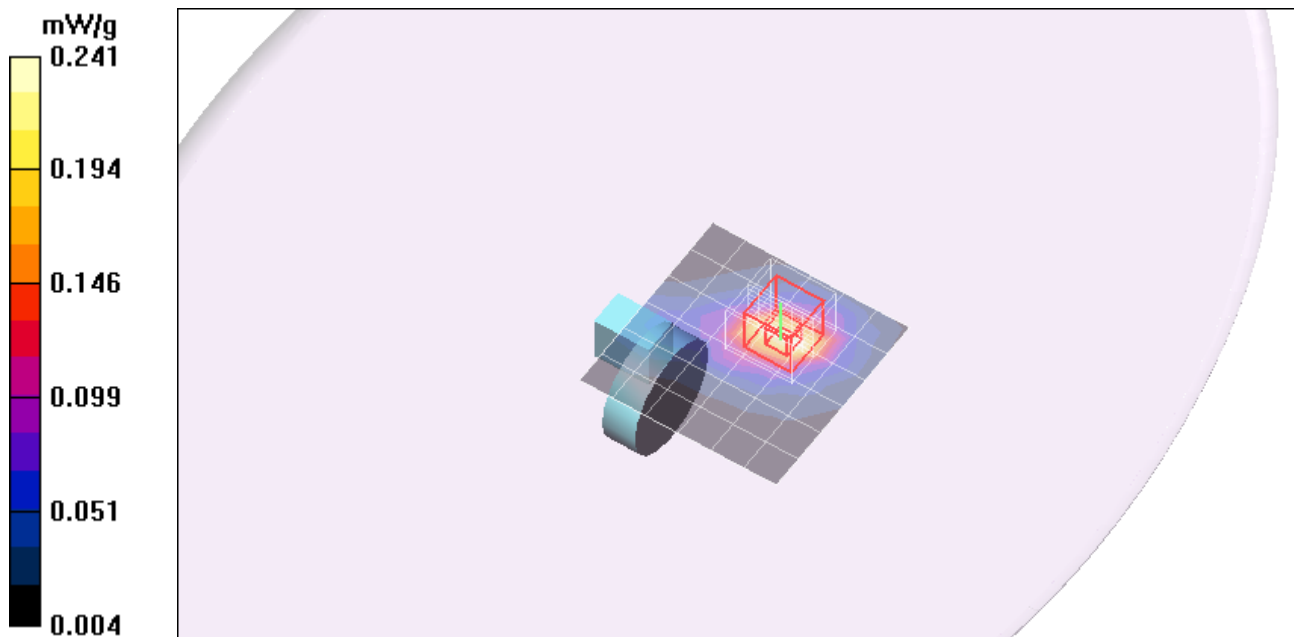
**5MHz\_16QAM\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.104 mW/g**

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

Maximum value of SAR (measured) = 0.287 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_face down\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.144 mW/g

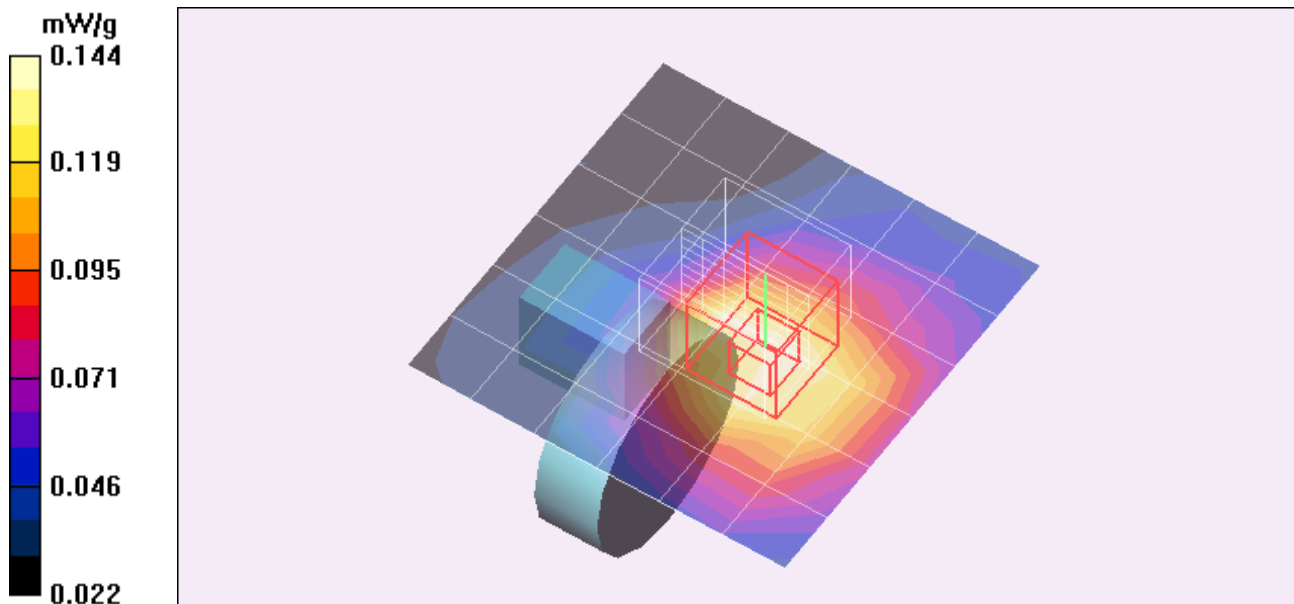
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.068 mW/g**

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

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



Test Laboratory: Compliance Certification Services

## Vertical back\_face down\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.138 mW/g

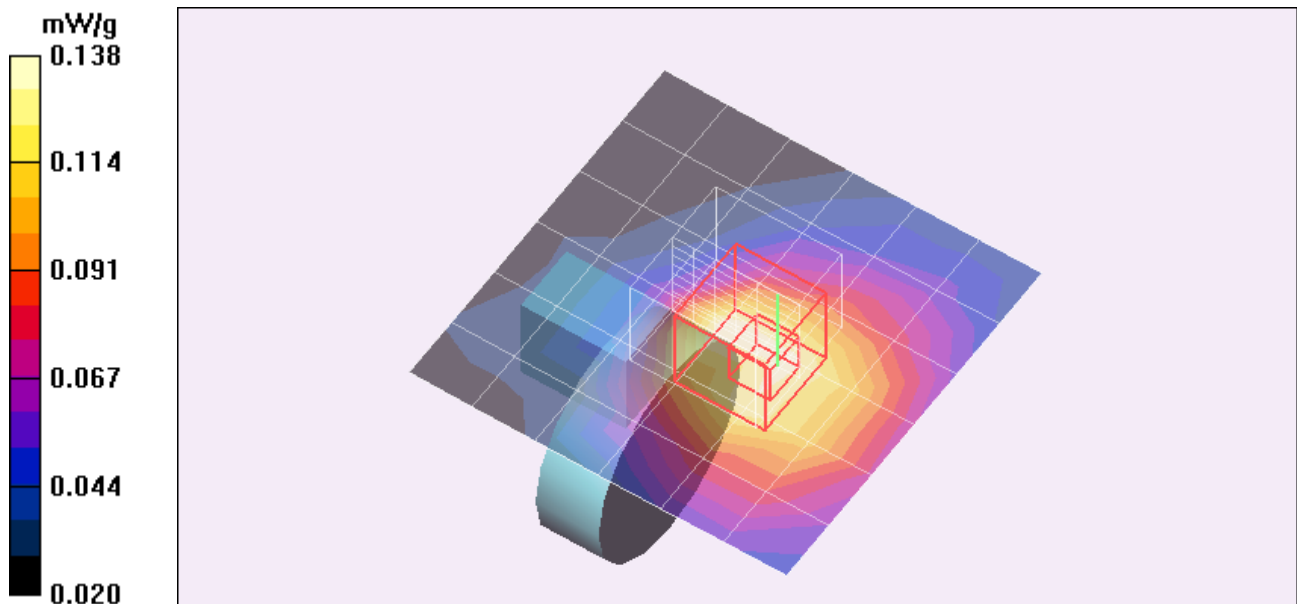
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.221 W/kg

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.083 mW/g**

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

Maximum value of SAR (measured) = 0.145 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_face down\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.134 mW/g

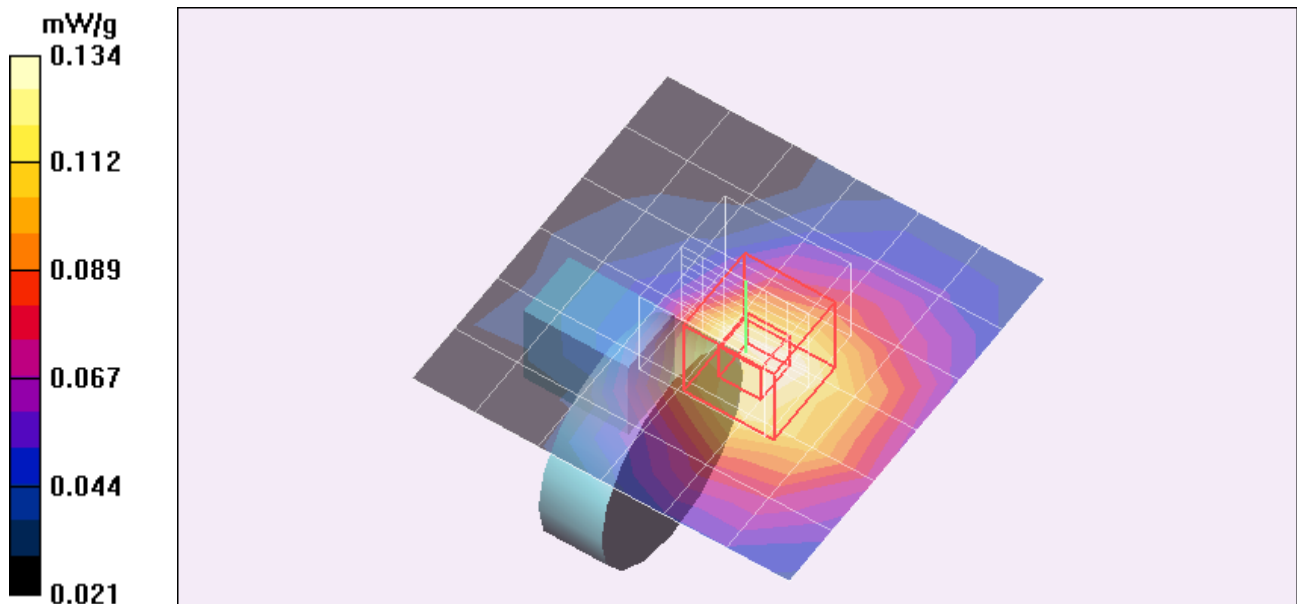
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.079 mW/g**

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

Maximum value of SAR (measured) = 0.144 mW/g





Test Laboratory: Compliance Certification Services

## Vertical back\_face down\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.128 mW/g

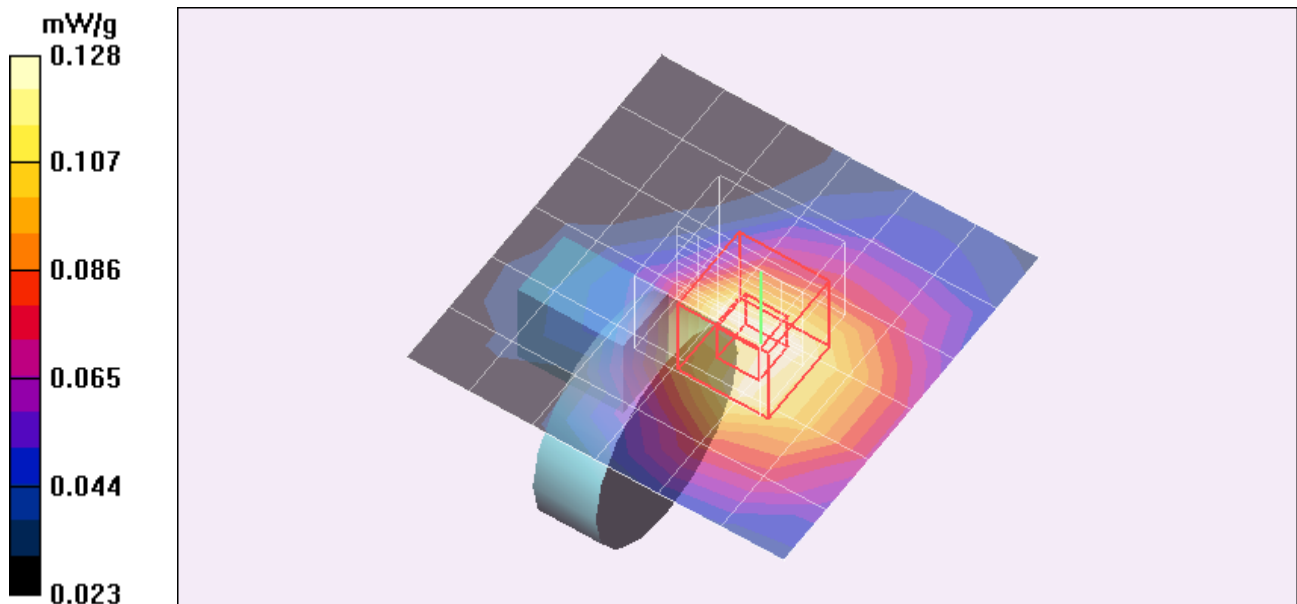
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.187 W/kg

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.078 mW/g**

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

Maximum value of SAR (measured) = 0.137 mW/g



Test Laboratory: Compliance Certification Services

## 4-1\_Vertical back and face down

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5MHz\_16QAM\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.229 mW/g

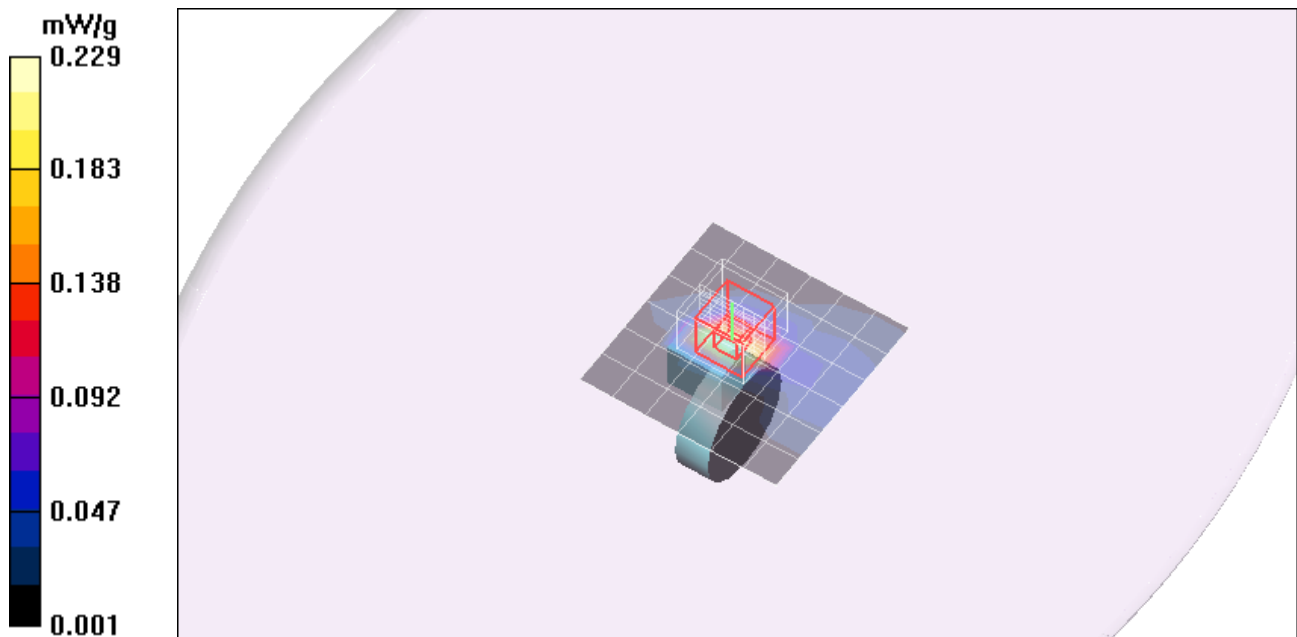
**5MHz\_16QAM\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.502 W/kg

**SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.096 mW/g**

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

Maximum value of SAR (measured) = 0.308 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

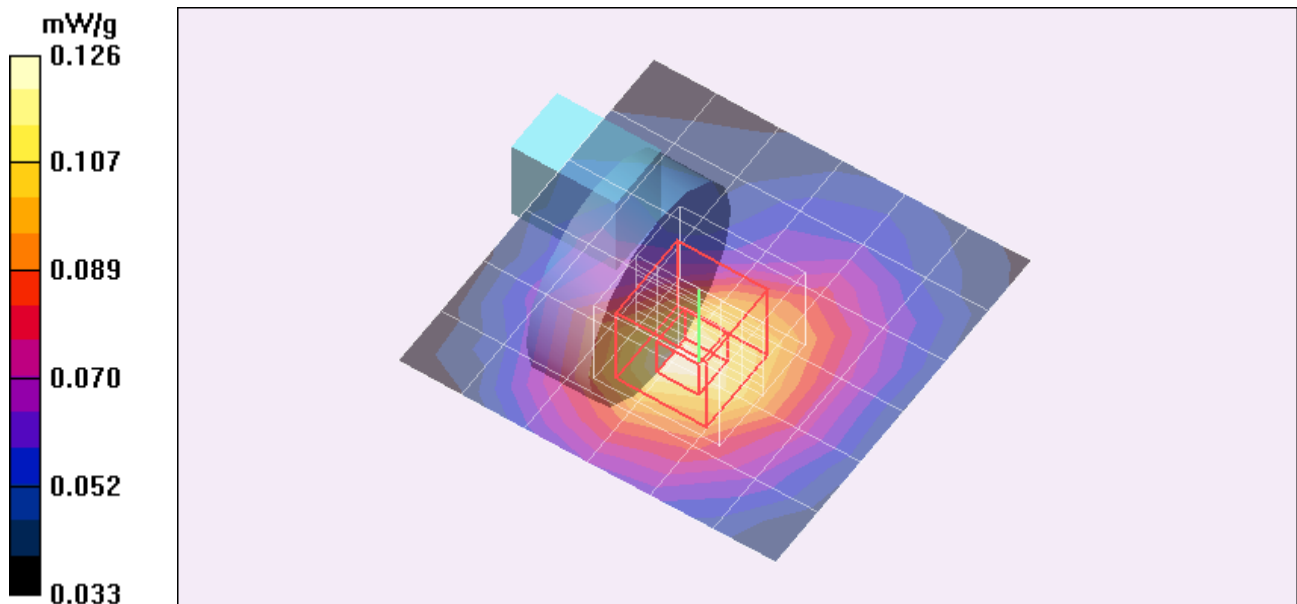
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.068 mW/g**

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

Maximum value of SAR (measured) = 0.132 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 5M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.130 mW/g

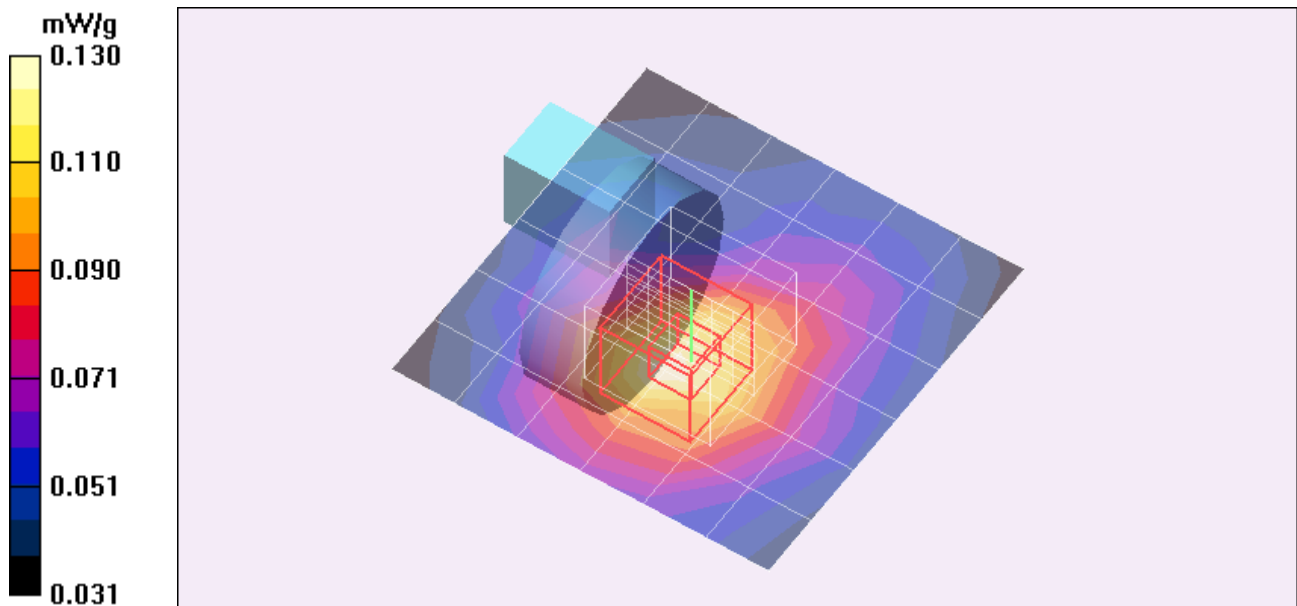
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.070 mW/g**

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

Maximum value of SAR (measured) = 0.138 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_QPSK

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

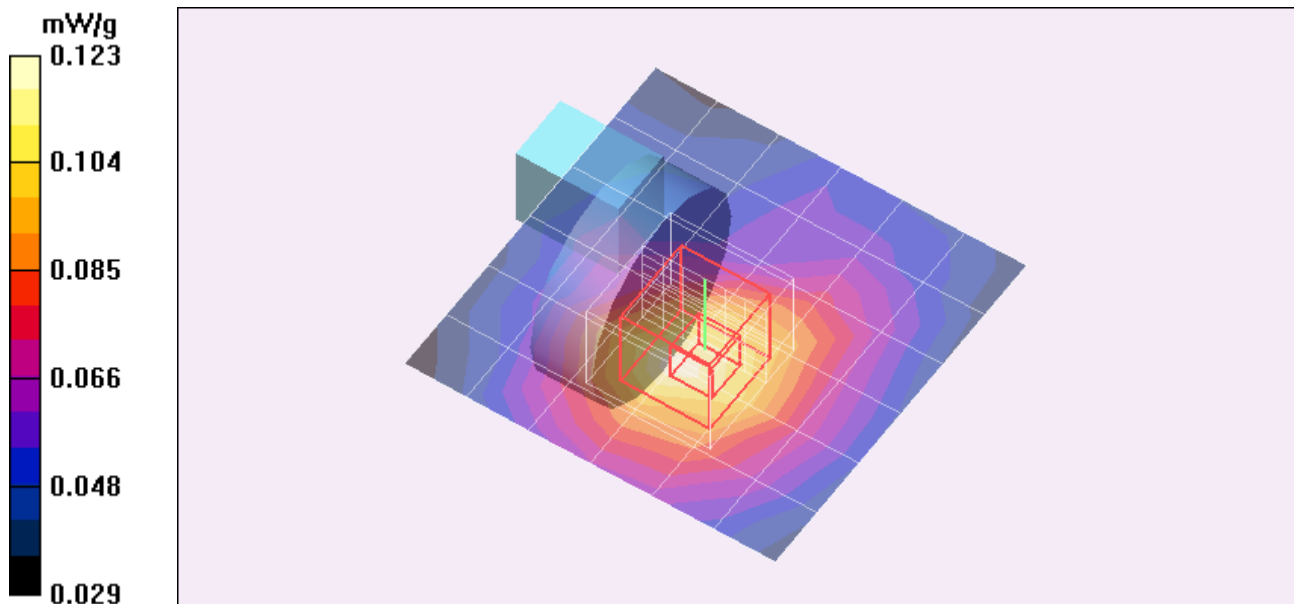
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.191 W/kg

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.065 mW/g**

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

Maximum value of SAR (measured) = 0.124 mW/g



Test Laboratory: Compliance Certification Services

## Vertical back\_16QAM

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G 10M; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.14$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Mid-ch/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

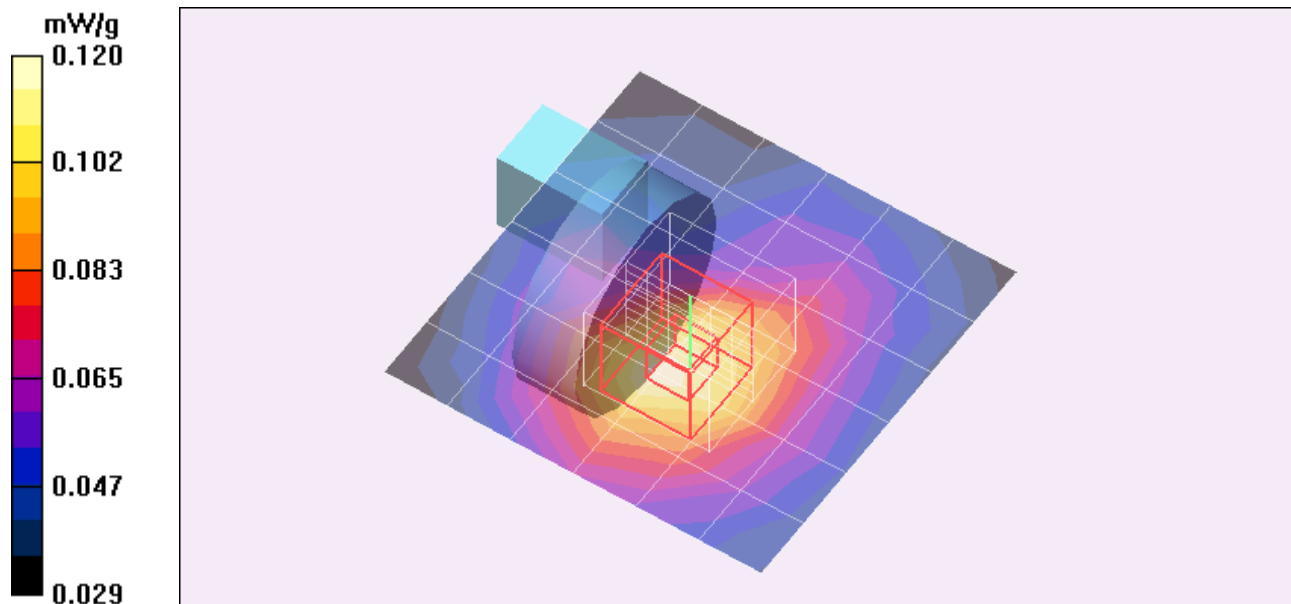
**Mid-ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.064 mW/g**

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

Maximum value of SAR (measured) = 0.124 mW/g



Test Laboratory: Compliance Certification Services

## 4-2\_Vertical back

DUT: Sierra Wireless; Type: AC250; Serial: Unit # 1

Communication System: WIMAX 2.6G; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.17$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.4, 6.4, 6.4); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 9/15/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:XXXX
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**5MHz\_16QAM\_Mid-ch\_Aux ant/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.053 mW/g

**5MHz\_16QAM\_Mid-ch\_Aux ant/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.024 mW/g**

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

Maximum value of SAR (measured) = 0.064 mW/g

