Date/Time: 11/20/2013 8:18:16 AM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b channele1 11Mbps backside

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro;

Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.984 S/m; ε_r = 50.542; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

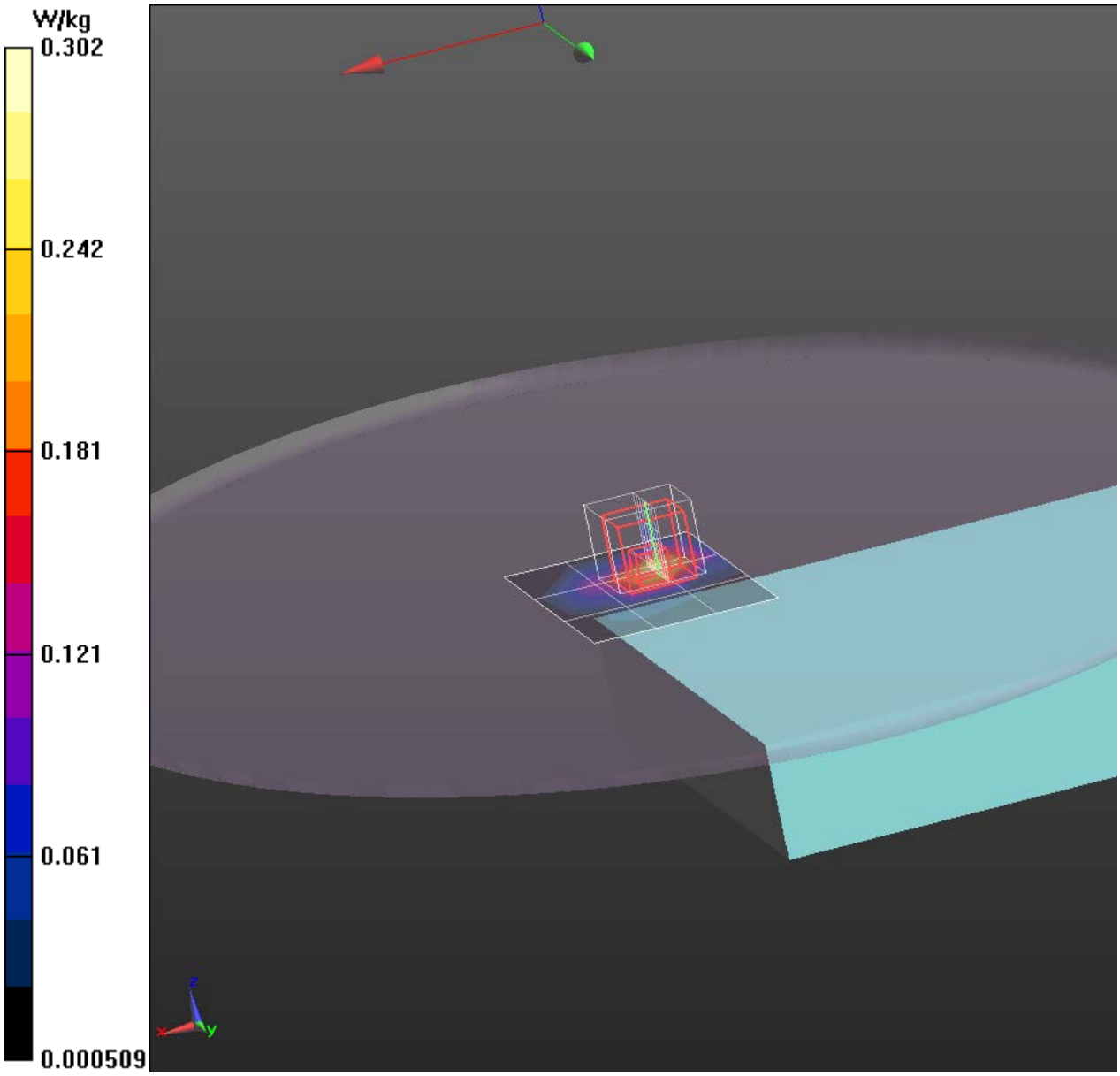
Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 1, 11Mbps/Find Power Ref Position (4x4x1): Measurement grid: dx=20mm, dy=40mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.302 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 1, 11Mbps/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.008 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.131 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.351 W/kg


W/kg
0.302
0.242
0.181
0.121
0.061
0.000509

Date/Time: 11/20/2013 7:39:46 AM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b Channel 1 1Mbps Back Side

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro; Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.984 S/m; ε_r = 50.542; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

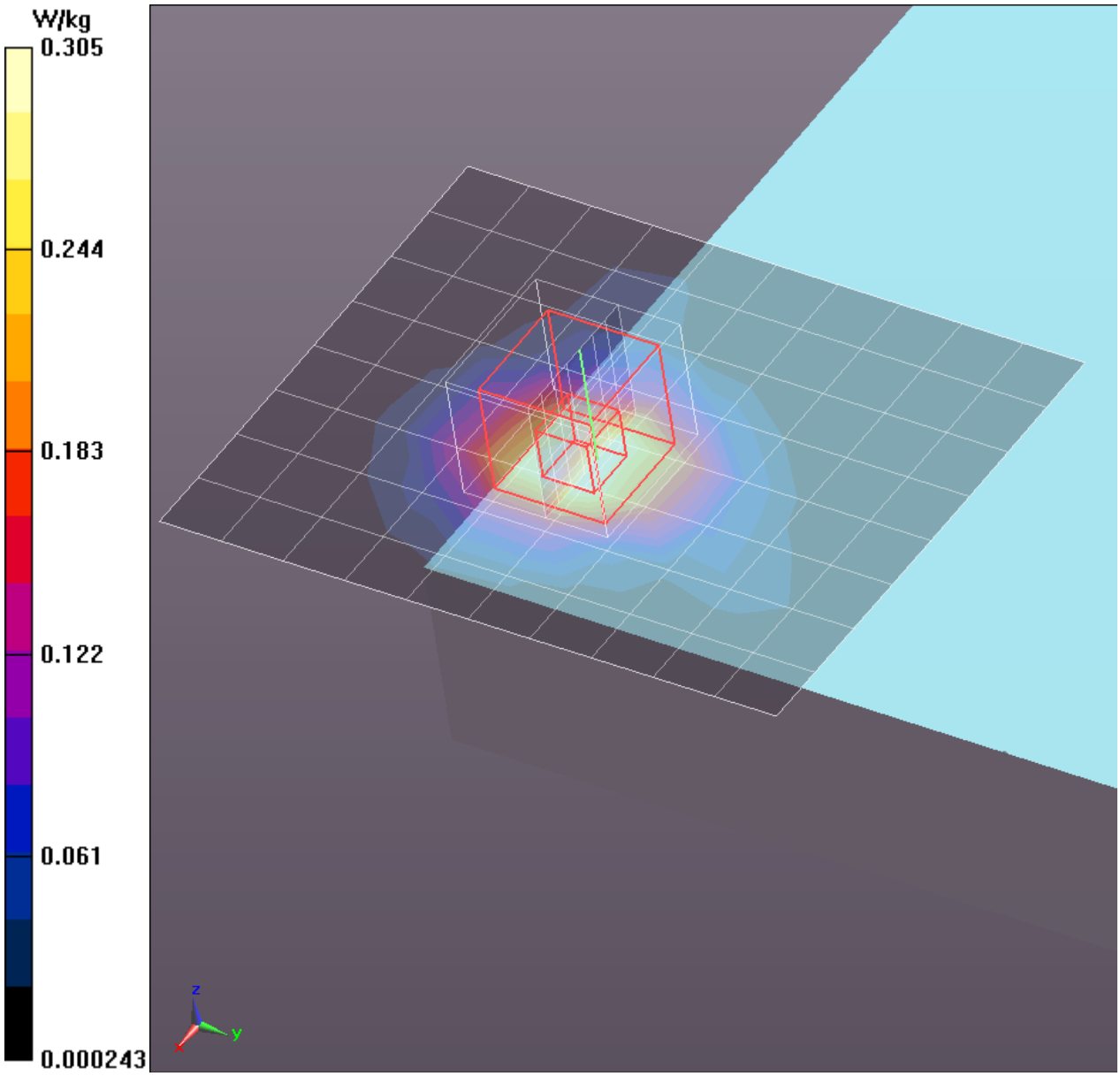
Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 1, 1Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.305 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 1, 1Mbps/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.919 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.126 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.336 W/kg


W/kg
0.305
0.244
0.183
0.122
0.061
0.000243
z
y

Date/Time: 12/31/2013 7:52:02 AM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b Channel 11 1 Mbps_Back

Procedure Notes: Ambient Temp: Fluid Temp:

DUT: Computational Systems - Camaro; Serial:

Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2462 MHz; σ = 2.04 S/m; ε_r = 50.39; ρ = 1000 kg/m^3

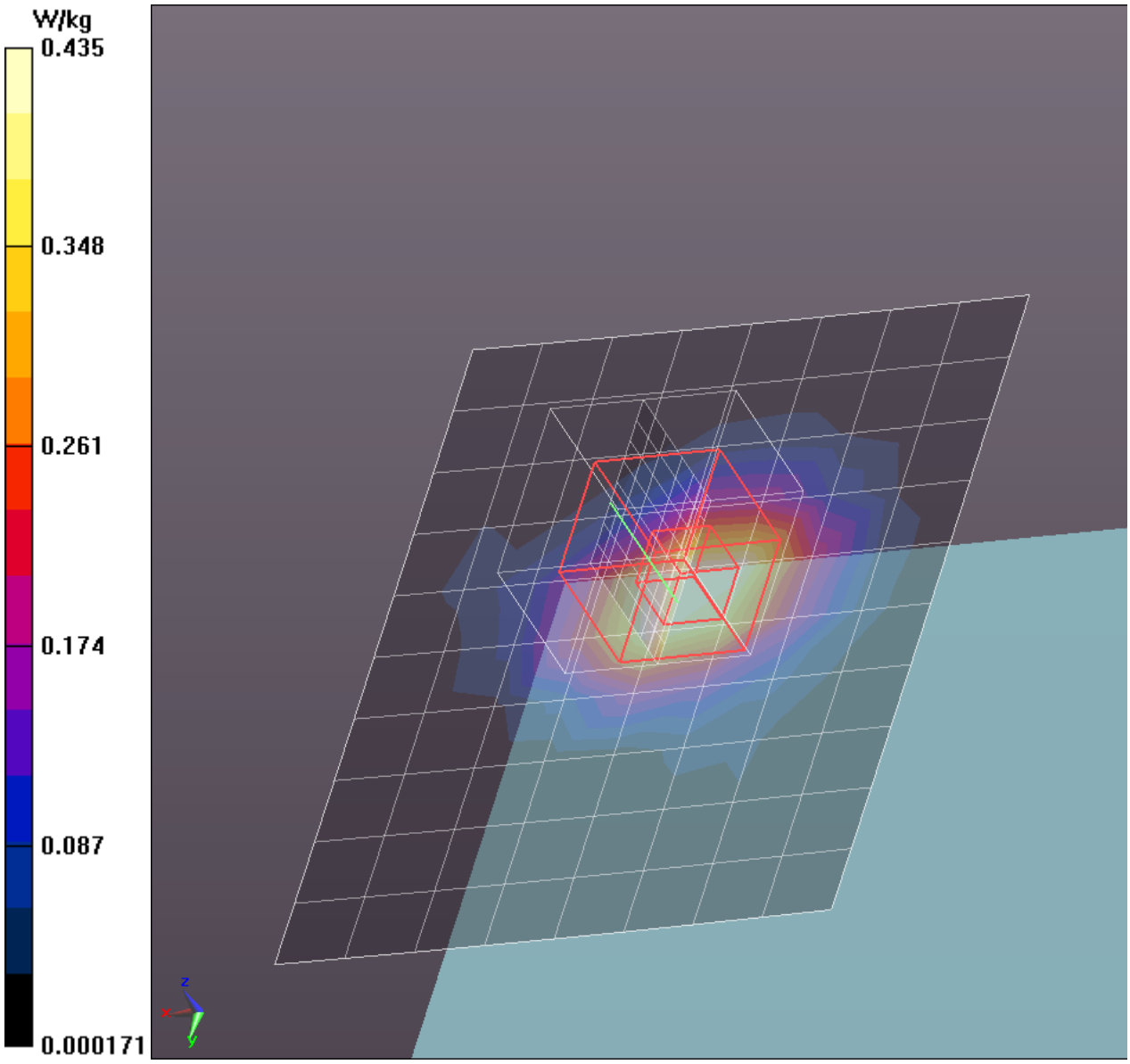
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.05, 8.05, 8.05); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 11, 1Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.435 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 11, 1Mbps/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.492 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.495 W/kg


W/kg
0.435
0.348
0.261
0.174
0.087
0.000171

Date/Time: 11/20/2013 9:33:21 AM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b Channel 11 11Mbps_back side

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro

Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2462 MHz; σ = 2.04 S/m; ε_r = 50.39; ρ = 1000 kg/m^3

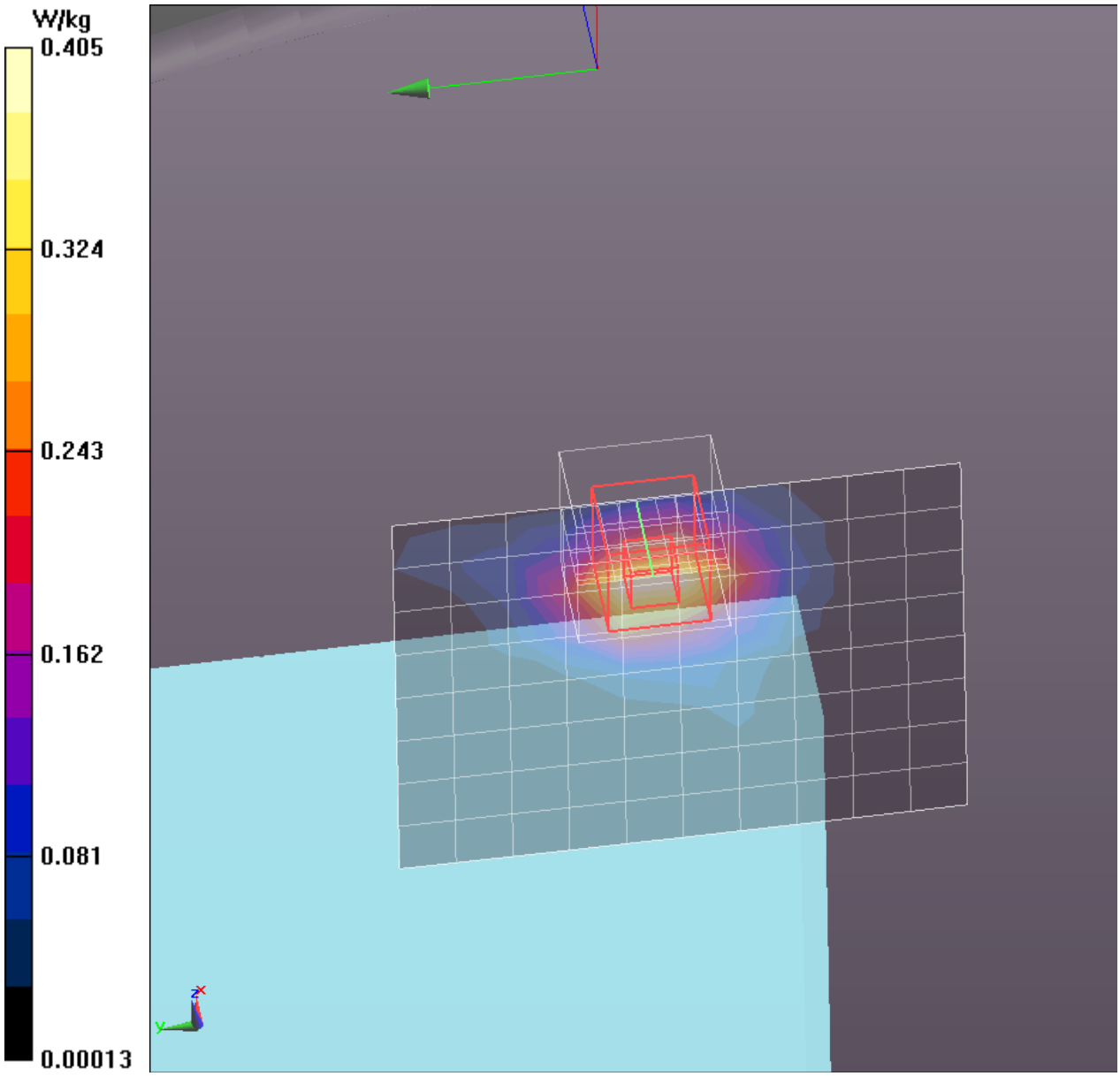
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 11, 11Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.405 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 11, 11Mbps/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.521 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.425 W/kg


W/kg
0.405
0.324
0.243
0.162
0.081
0.00013

Date/Time: 12/30/2013 2:30:14 PM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b Channel 6 1Mbps Back Side

Procedure Notes: Ambient Temp: Fluid Temp:

DUT: Computational Systems - Camaro; Serial:

Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.014 S/m; ε_r = 50.442; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.05, 8.05, 8.05); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

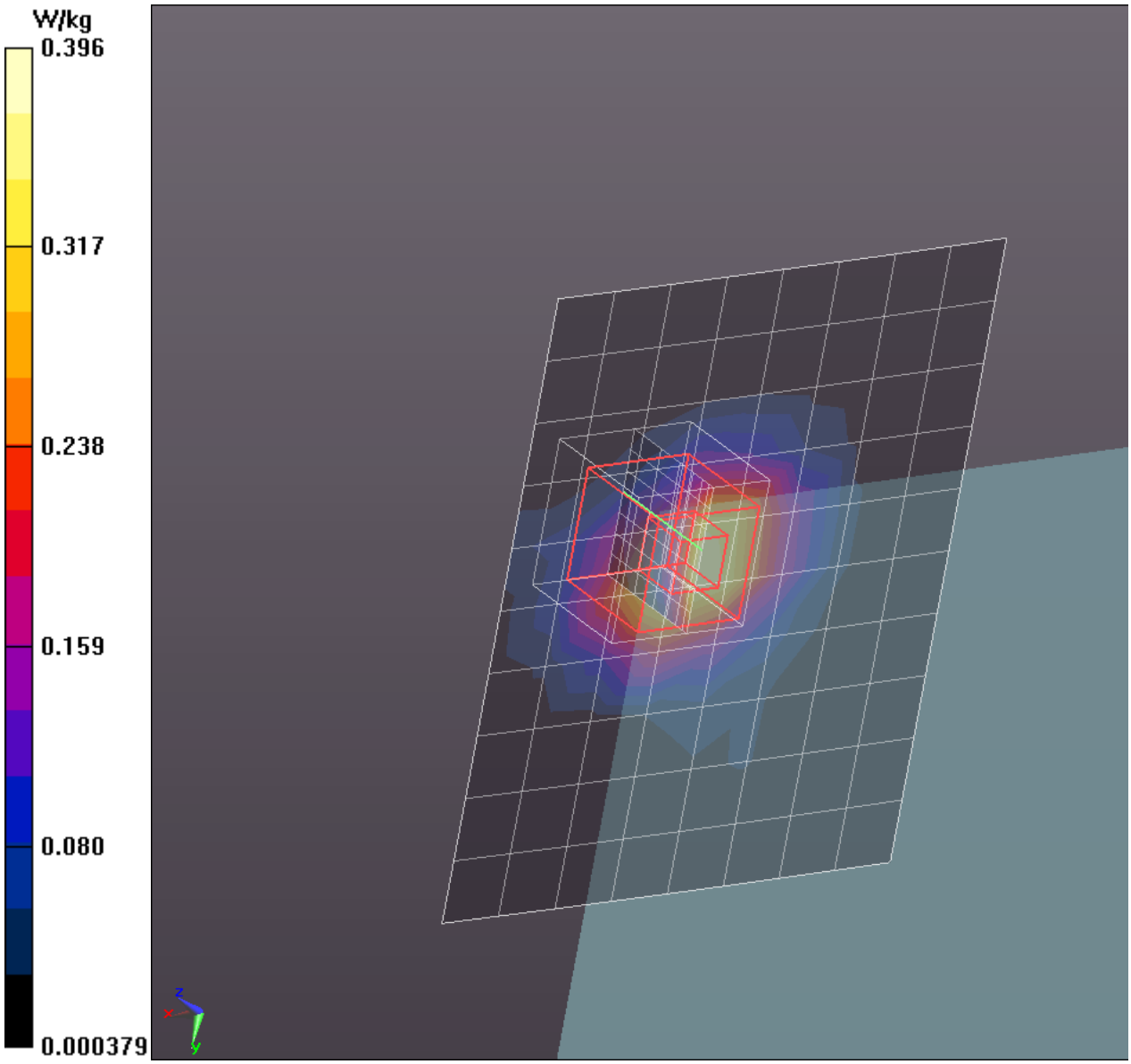
Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 6, 1Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.396 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 6, 1Mbps/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.802 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.153 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.437 W/kg


W/kg
0.396
0.317
0.238
0.159
0.080
0.000379

Date/Time: 11/20/2013 10:22:36 AM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11b Channel 6 2Mbps_Back side

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro;

Communication System: UID 0, Generic 802.11b; Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.014 S/m; ε_r = 50.442; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

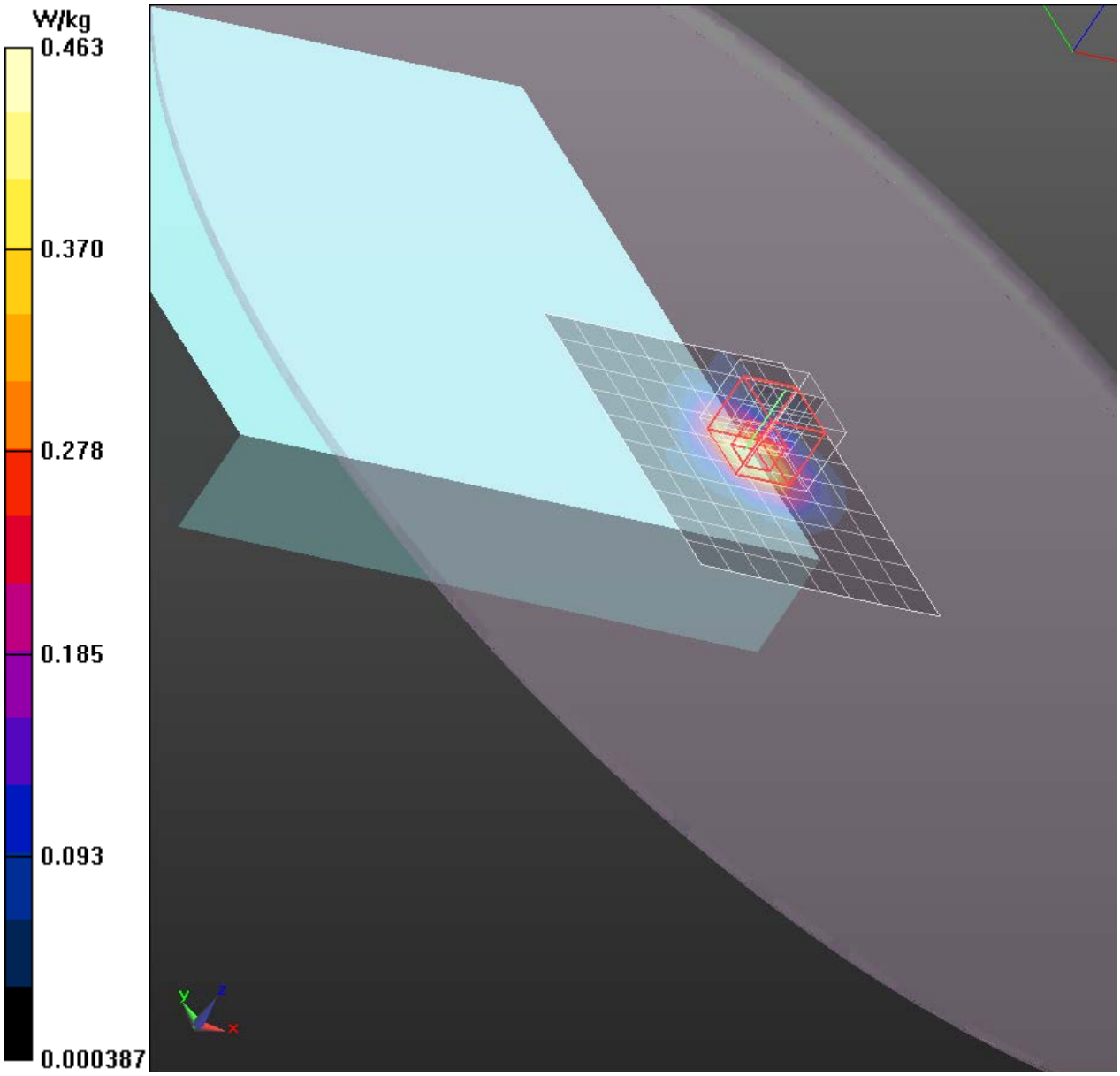
Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 6, 2Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.463 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11b, Channel 6, 2Mbps/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.168 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.186 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.504 W/kg


W/kg
0.463
0.370
0.278
0.185
0.093
0.000387

Date/Time: 11/19/2013 3:25:42 PM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11g Channel 1 24Mbps Back Side

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro

Communication System: UID 0, Generic 802.11g; Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.984 S/m; ε_r = 50.542; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

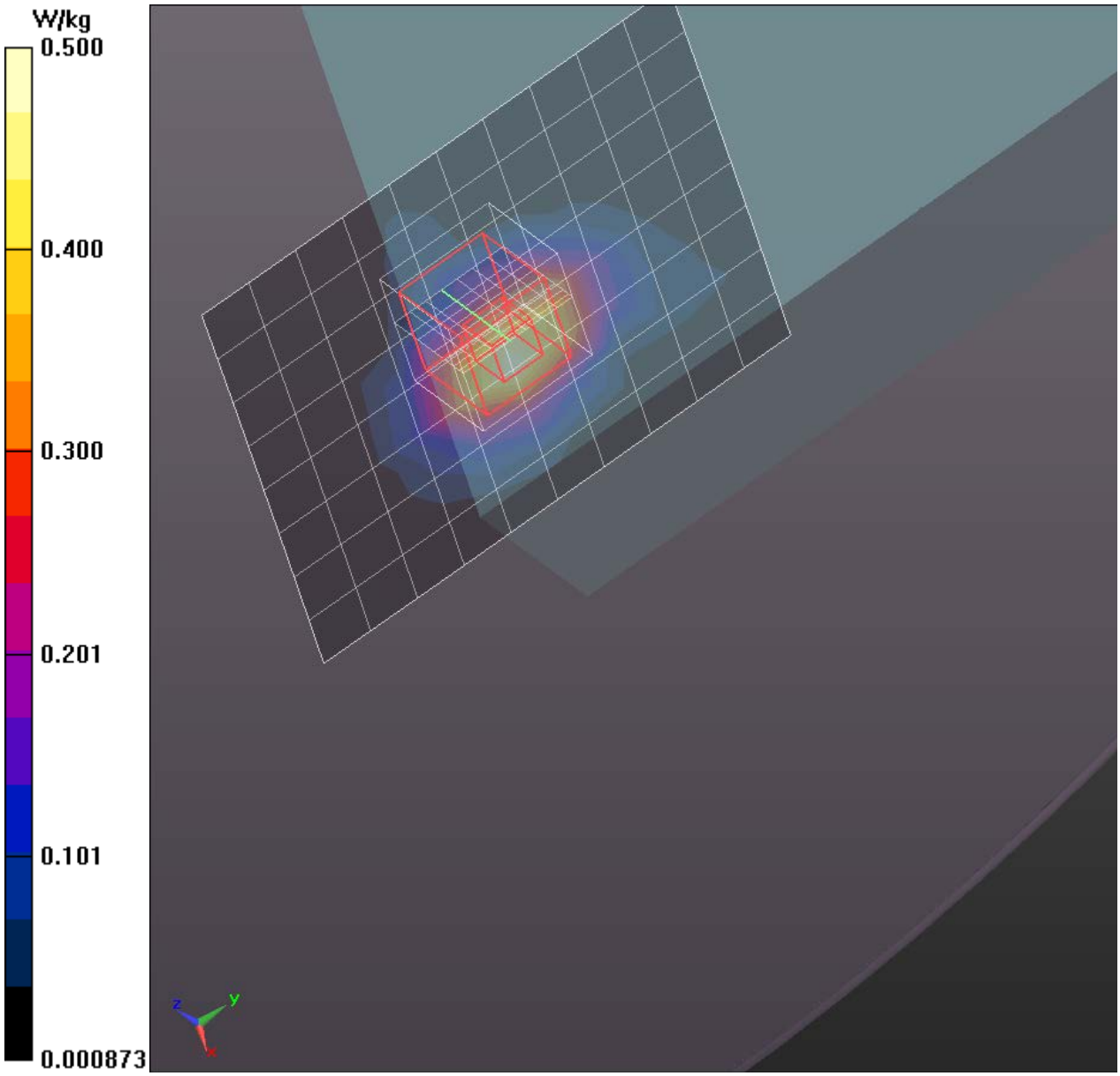
Wifi Flat-Section MSL Testing/Back Side, 802.11g, Channel 1, 24Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.500 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11g, Channel 1, 24Mbps/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.441 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.195 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.527 W/kg


W/kg
0.500
0.400
0.300
0.201
0.101
0.000873
z
y
x

Date/Time: 11/19/2013 4:08:16 PM

Test Laboratory: Intertek
File Name: 802.11bg backside.da52:4

802.11g Channel 1 6Mbps Back Side

Procedure Notes: Ambient Temp: 22.9C Fluid Temp: 23.3C

DUT: Computational Systems - Camaro

Communication System: UID 0, Generic 802.11g; Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.984 S/m; ε_r = 50.542; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(7.92, 7.92, 7.92); Calibrated: 12/10/2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/13/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

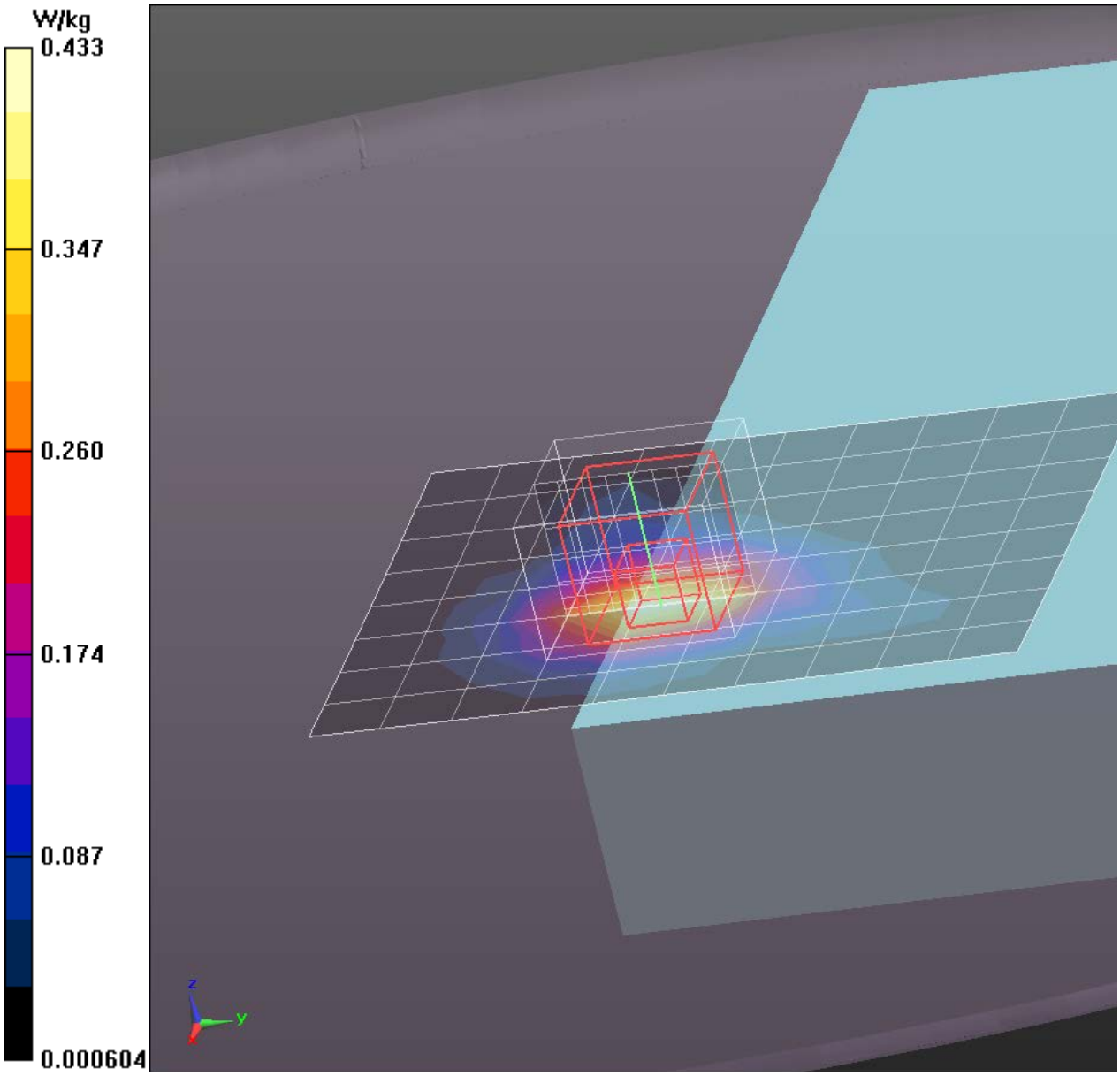
Wifi Flat-Section MSL Testing/Back Side, 802.11g, Channel 1, 6Mbps/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.433 W/kg

Wifi Flat-Section MSL Testing/Back Side, 802.11g, Channel 1, 6Mbps/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.401 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.162 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.445 W/kg


W/kg
0.433
0.347
0.260
0.174
0.087
0.000604
z
y