Date/Time: 5/17/2016 5:46:21 PM

Test Laboratory: Intertek
File Name: CDMA Cell Band_ In Pouch.da52:4

CDMA Cell Band_In Pouch (Back Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA Cell Band; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.986 S/m; ε_r = 53.519; ρ = 1000 kg/m^3

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

DASY5 Configuration:

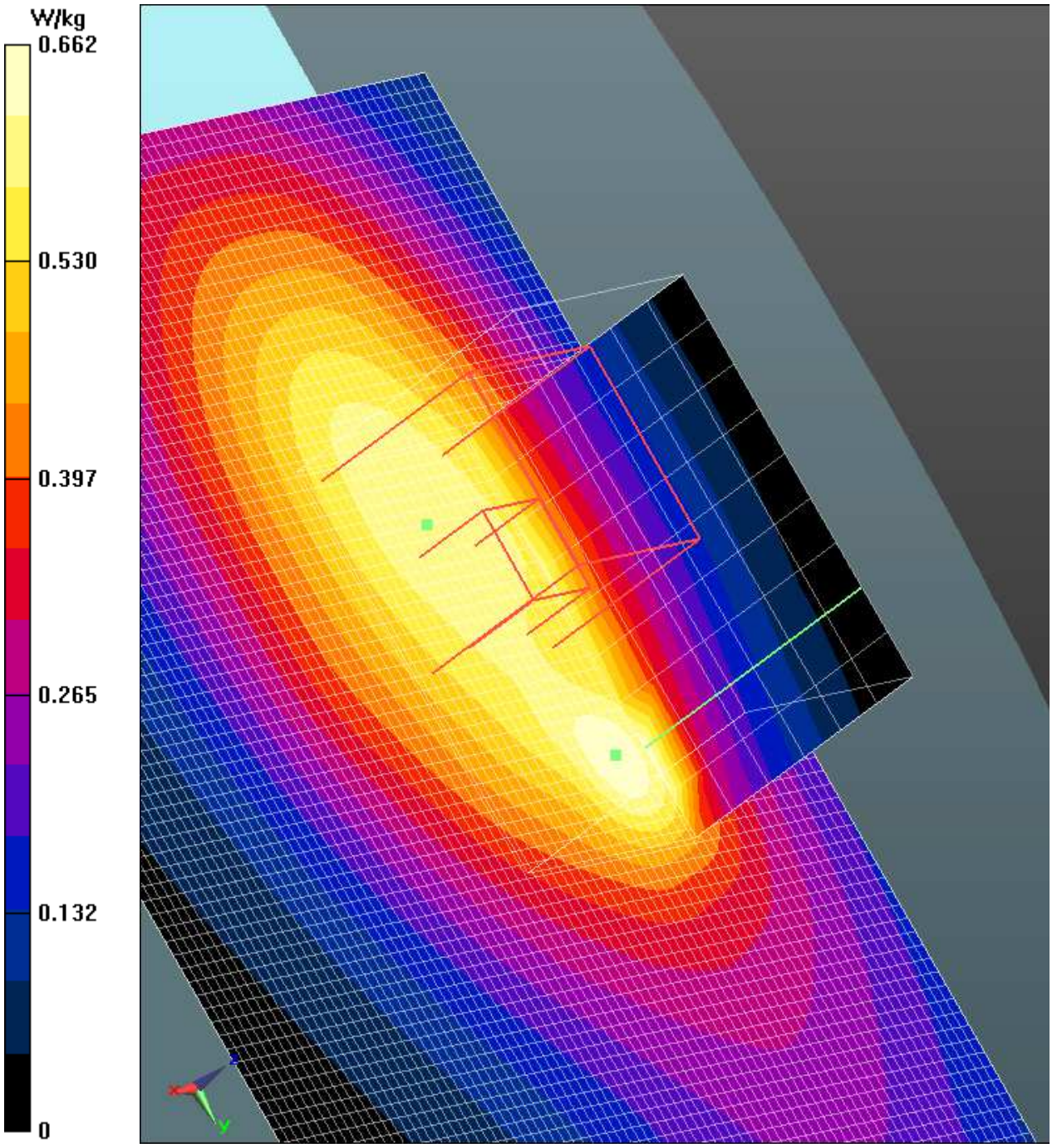
- Probe: EX3DV3 - SN3516; ConvF(10.51, 10.51, 10.51); Calibrated: 12/12/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2014
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.662 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.054 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.357 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.605 W/kg


W/kg
0.662
0.530
0.397
0.265
0.132
0
z
y

Date/Time: 5/17/2016 6:16:52 PM

Test Laboratory: Intertek
File Name: CDMA Cell Band_ In Pouch.da52:4

CDMA Cell Band_In Pouch (Back Side, Low Channel

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA Cell Band; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.975 S/m; ε_r = 53.62; ρ = 1000 kg/m^3

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

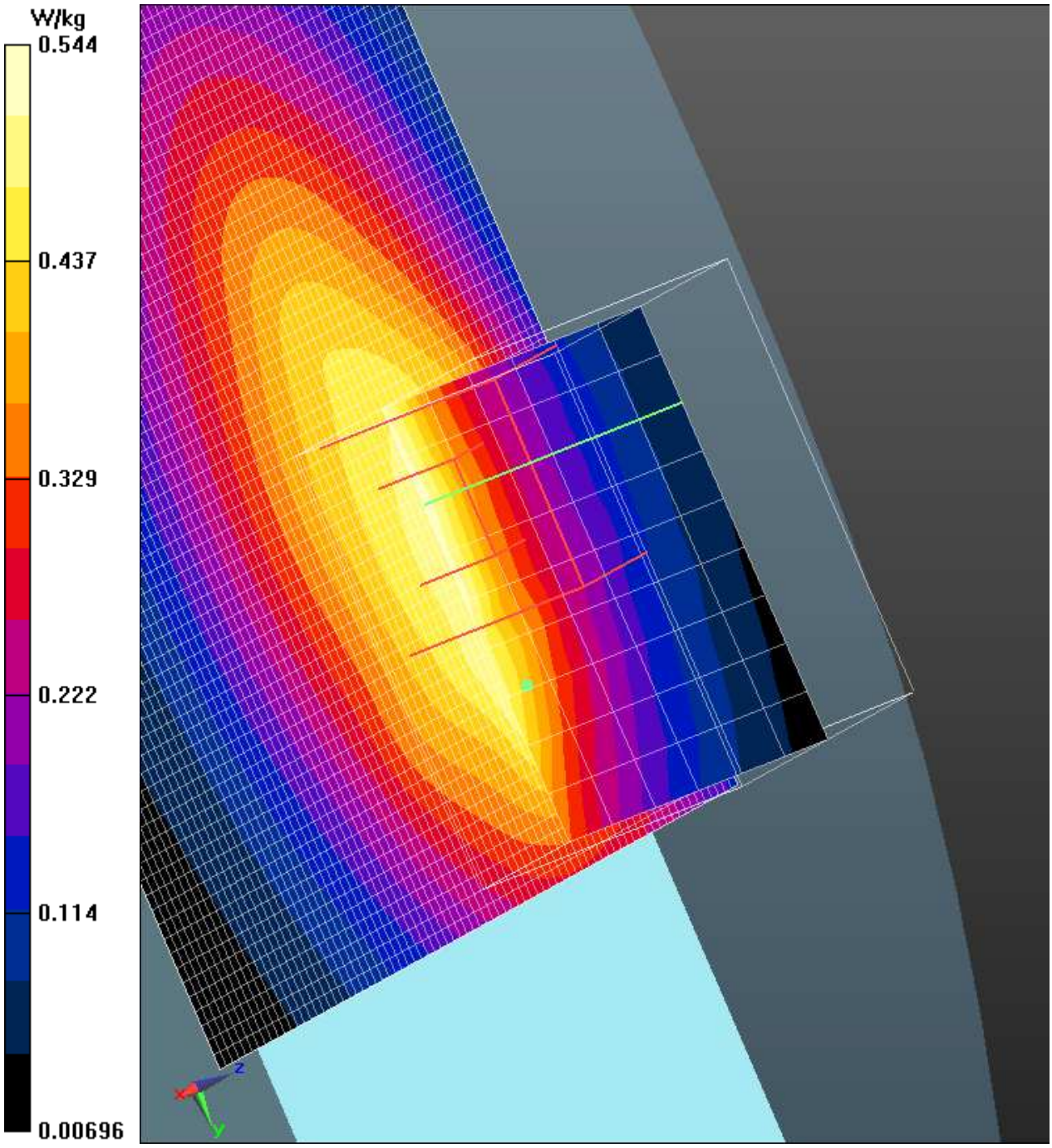
DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.51, 10.51, 10.51); Calibrated: 12/12/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2014
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device In Pouch Low Channel/Area Scan (81x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.544 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device In Pouch Low Channel/Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.820 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.284 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.489 W/kg


W/kg
0.544
0.437
0.329
0.222
0.114
0.00696
Z
Y

Date/Time: 5/17/2016 6:53:40 PM

Test Laboratory: Intertek
File Name: CDMA Cell Band_ In Pouch.da52:4

CDMA Cell Band_In Pouch (Back Side, High Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA Cell Band; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.998 S/m; ε_r = 53.445; ρ = 1000 kg/m^3

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

DASY5 Configuration:

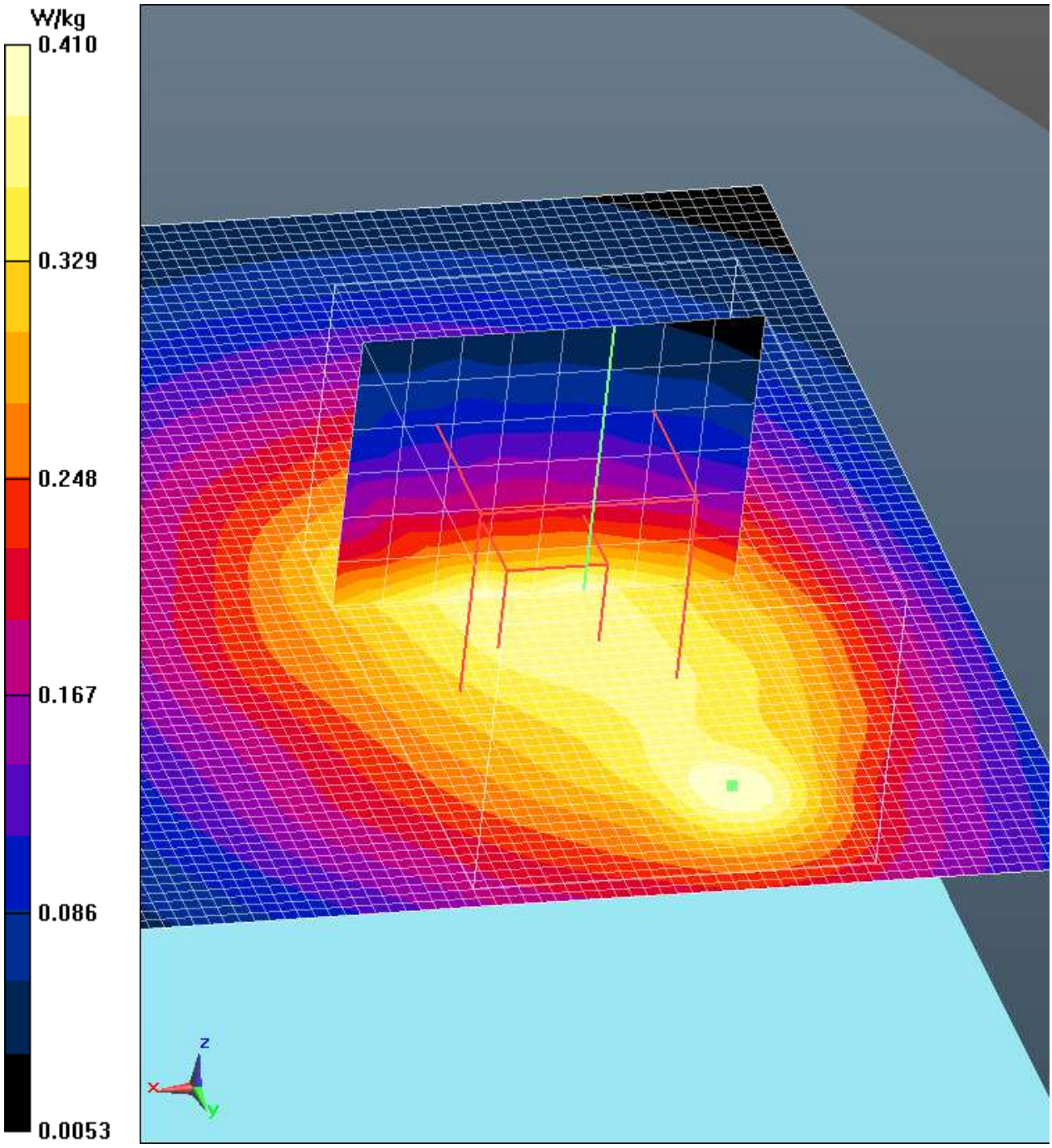
- Probe: EX3DV3 - SN3516; ConvF(10.51, 10.51, 10.51); Calibrated: 12/12/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2014
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Area Scan (81x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Zoom Scan (9x13x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.714 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.219 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.385 W/kg


W/kg
0.410
0.329
0.248
0.167
0.086
0.0053
z
x
y

Date/Time: 5/17/2016 7:48:37 PM

Test Laboratory: Intertek
File Name: CDMA Cell Band_In Pouch.da52:4

CDMA Cell Band_In Pouch (Front Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA Cell Band; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.986 S/m; ε_r = 53.519; ρ = 1000 kg/m^3

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

DASY5 Configuration:

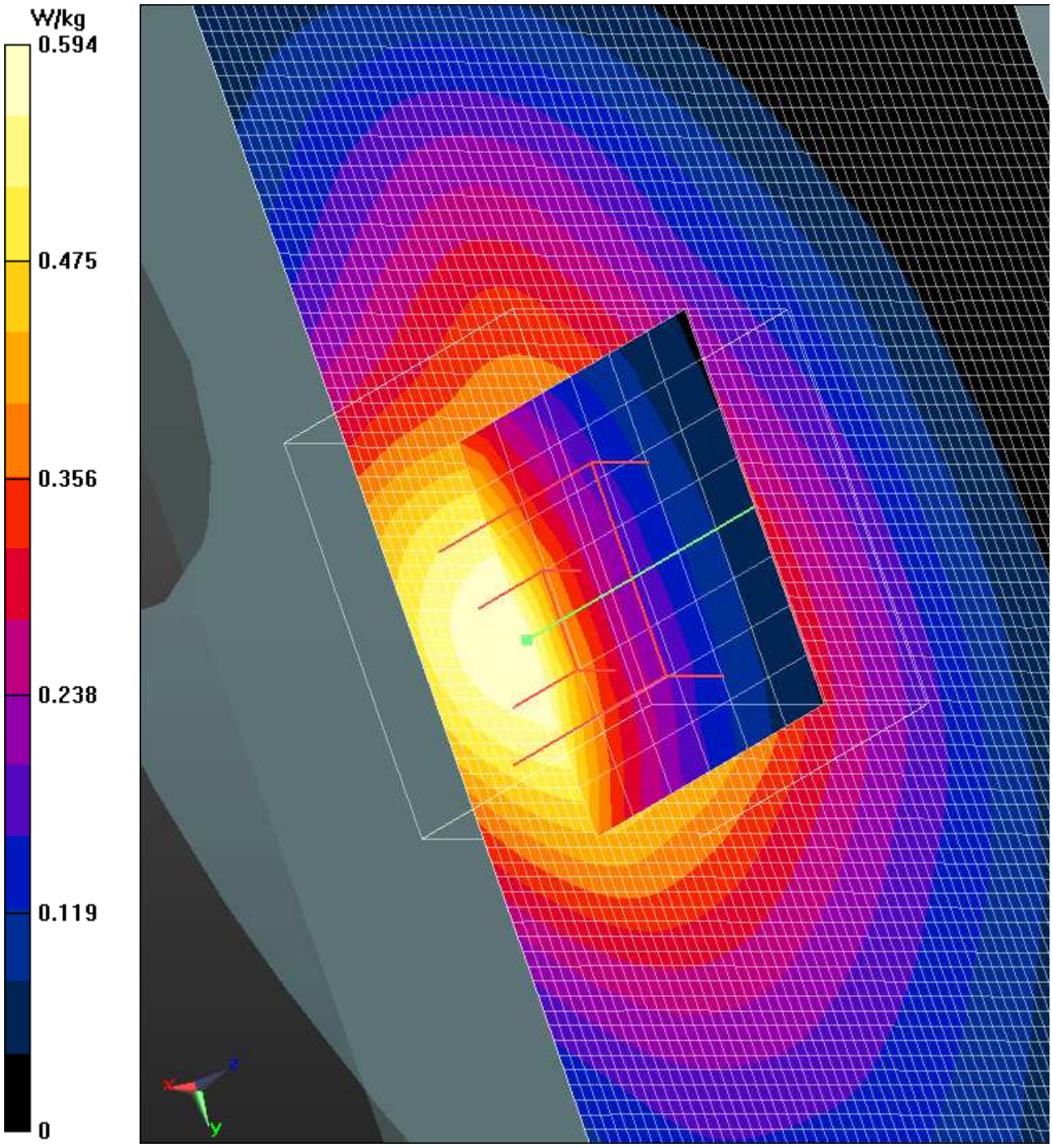
- Probe: EX3DV3 - SN3516; ConvF(10.51, 10.51, 10.51); Calibrated: 12/12/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2014
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Front Side of Device In Pouch Mid Channel 2/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.594 W/kg

WWAN Flat-Section MSL Testing/Front Side of Device In Pouch Mid Channel 2/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.508 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.326 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.599 W/kg


W/kg
0.594
0.475
0.356
0.238
0.119
0
z
x
y

Date/Time: 5/18/2016 4:01:06 PM

Test Laboratory: Intertek
File Name: CDMA PCS Band_In Pouch.da52:4

CDMA PCS Band_In Pouch (Back Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA PCS Band; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 53.28; ρ = 1000 kg/m^3

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

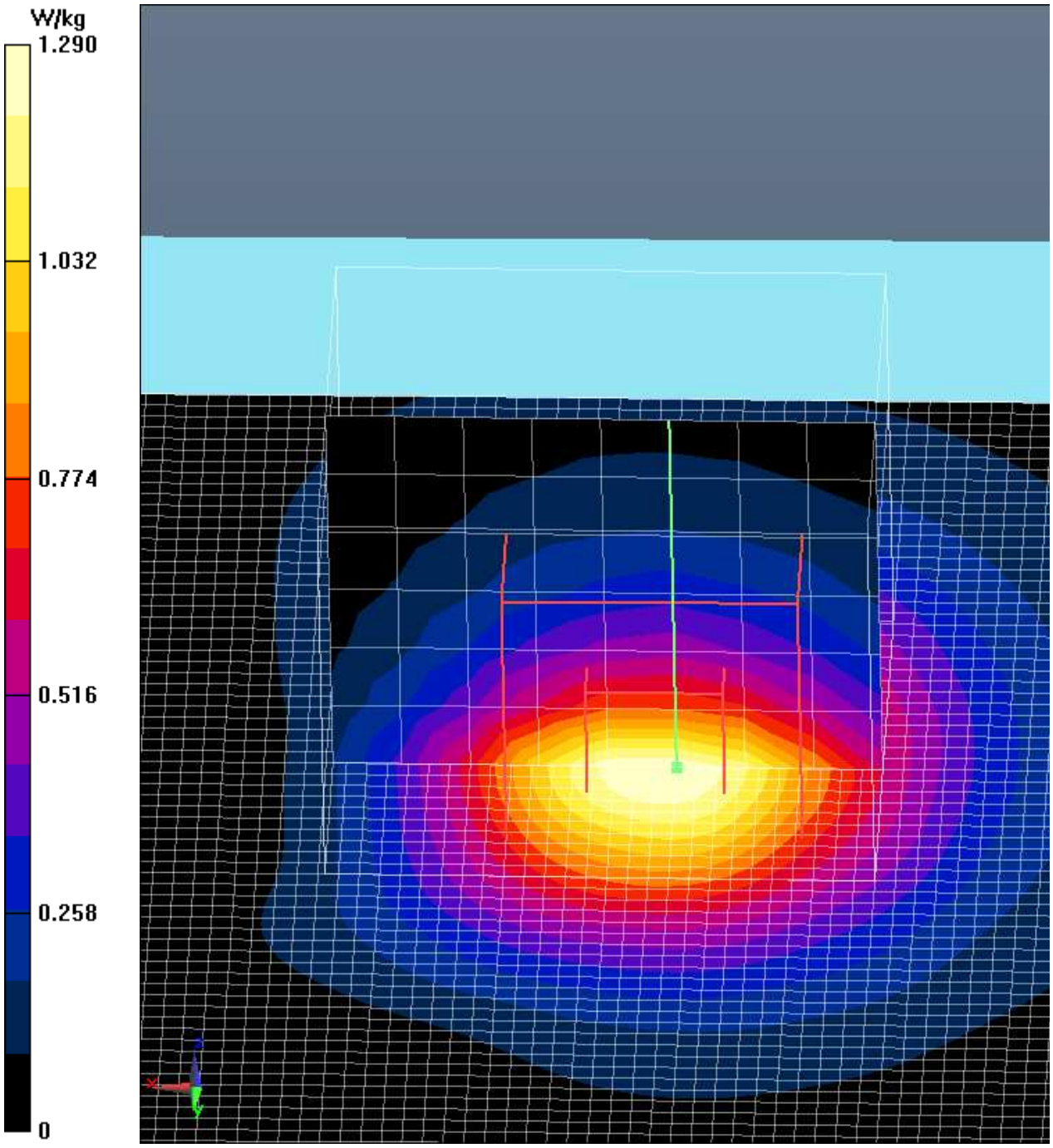
DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.62, 8.62, 8.62); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Area Scan (81x101x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.455 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 1.22 W/kg


W/kg
1.290
1.032
0.774
0.516
0.258
0

Date/Time: 5/18/2016 4:33:39 PM

Test Laboratory: Intertek
File Name: CDMA PCS Band_In Pouch.da52:4

CDMA PCS Band_In Pouch (Back Side Low Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA PCS Band; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1852.4 MHz; σ = 1.49 S/m; ε_r = 53.23; ρ = 1000 kg/m^3

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

DASY5 Configuration:

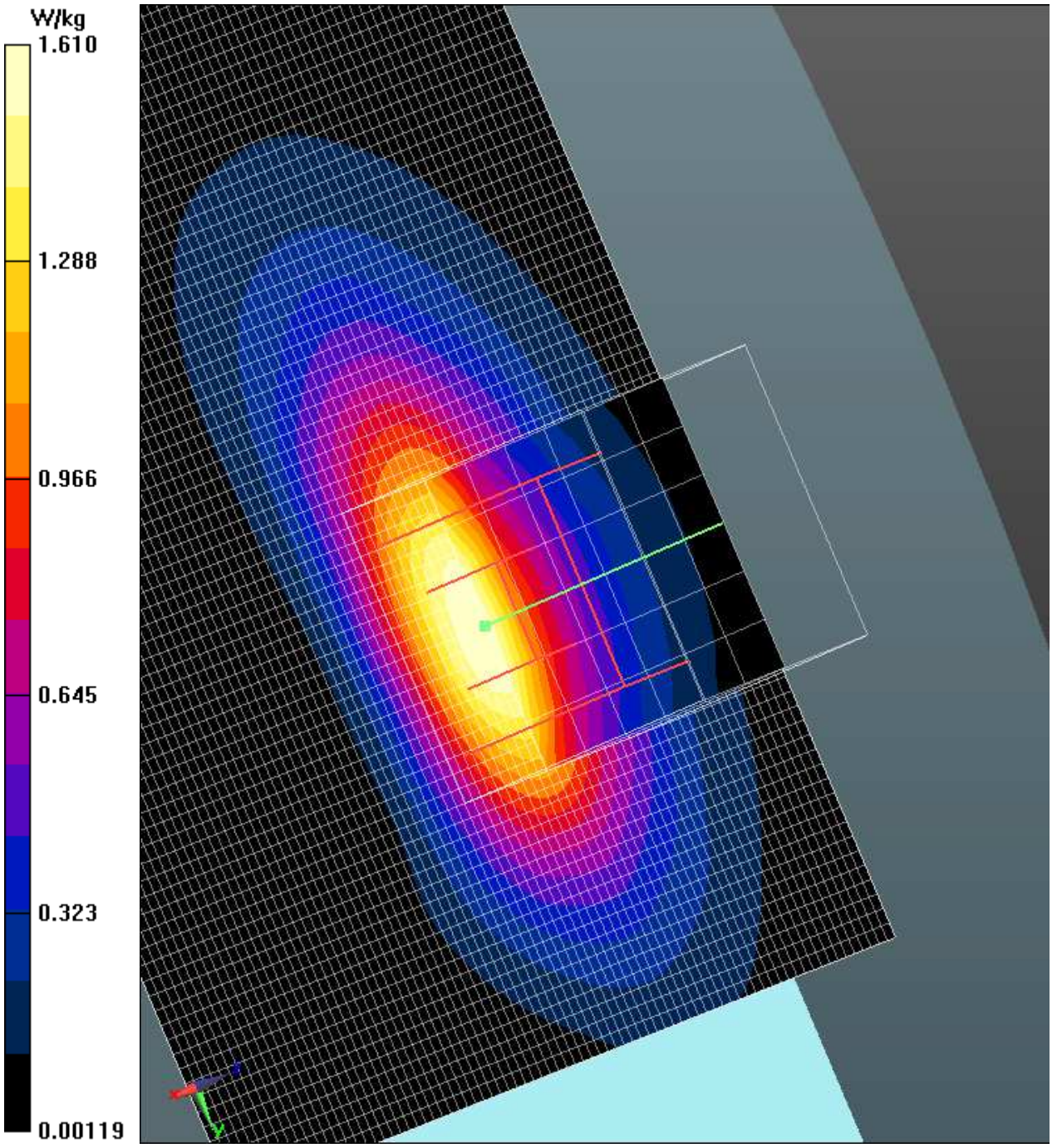
- Probe: EX3DV3 - SN3516; ConvF(8.62, 8.62, 8.62); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device In Pouch Low Channel/Area Scan (81x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device In Pouch Low Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.644 V/m; Power Drift = 0.30 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.660 W/kg

Maximum value of SAR (measured) = 1.59 W/kg


W/kg
1.610
1.288
0.966
0.645
0.323
0.00119

Date/Time: 5/18/2016 4:57:42 PM

Test Laboratory: Intertek
File Name: CDMA PCS Band_In Pouch.da52:4

CDMA PCS Band_In Pouch (Back Side, High Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA PCS Band; Frequency: 1909.92 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): f = 1909.92 MHz; σ = 1.543 S/m; ε_r = 53.28; ρ = 1000 kg/m^3

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

DASY5 Configuration:

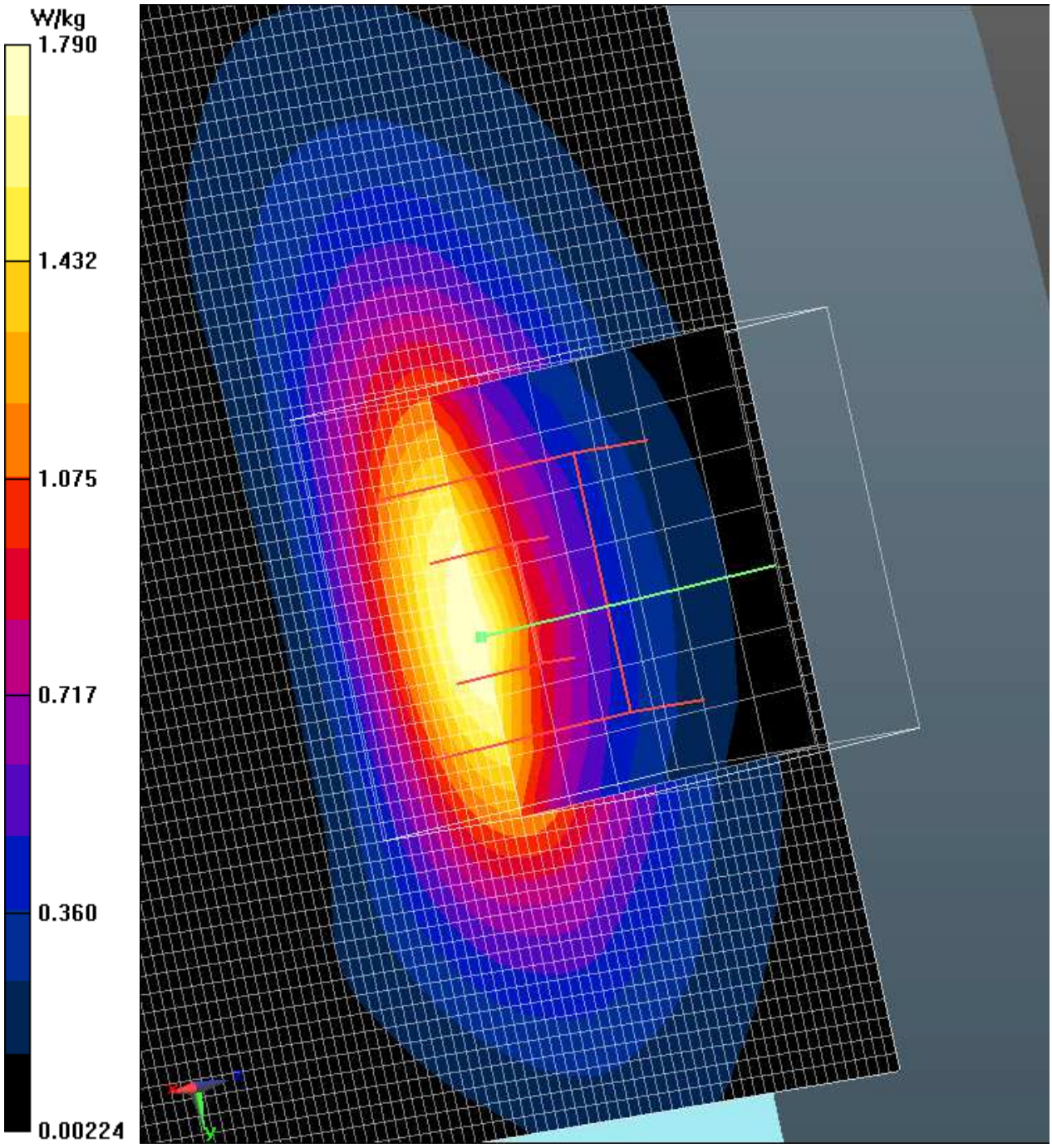
- Probe: EX3DV3 - SN3516; ConvF(8.62, 8.62, 8.62); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Area Scan (81x81x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.238 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.719 W/kg

Maximum value of SAR (measured) = 1.90 W/kg


W/kg
1.790
1.432
1.075
0.717
0.360
0.00224

Date/Time: 6/28/2016 11:48:03 AM

Test Laboratory: Intertek
File Name: CDMA PCS Band_In Pouch.da52:4

CDMA PCS Band_In Pouch (Back Side, High Channel)_Repeatability Scan

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA PCS Band; Frequency: 1909.92 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): f = 1909.92 MHz; σ = 1.543 S/m; ε_r = 53.28; ρ = 1000 kg/m^3

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

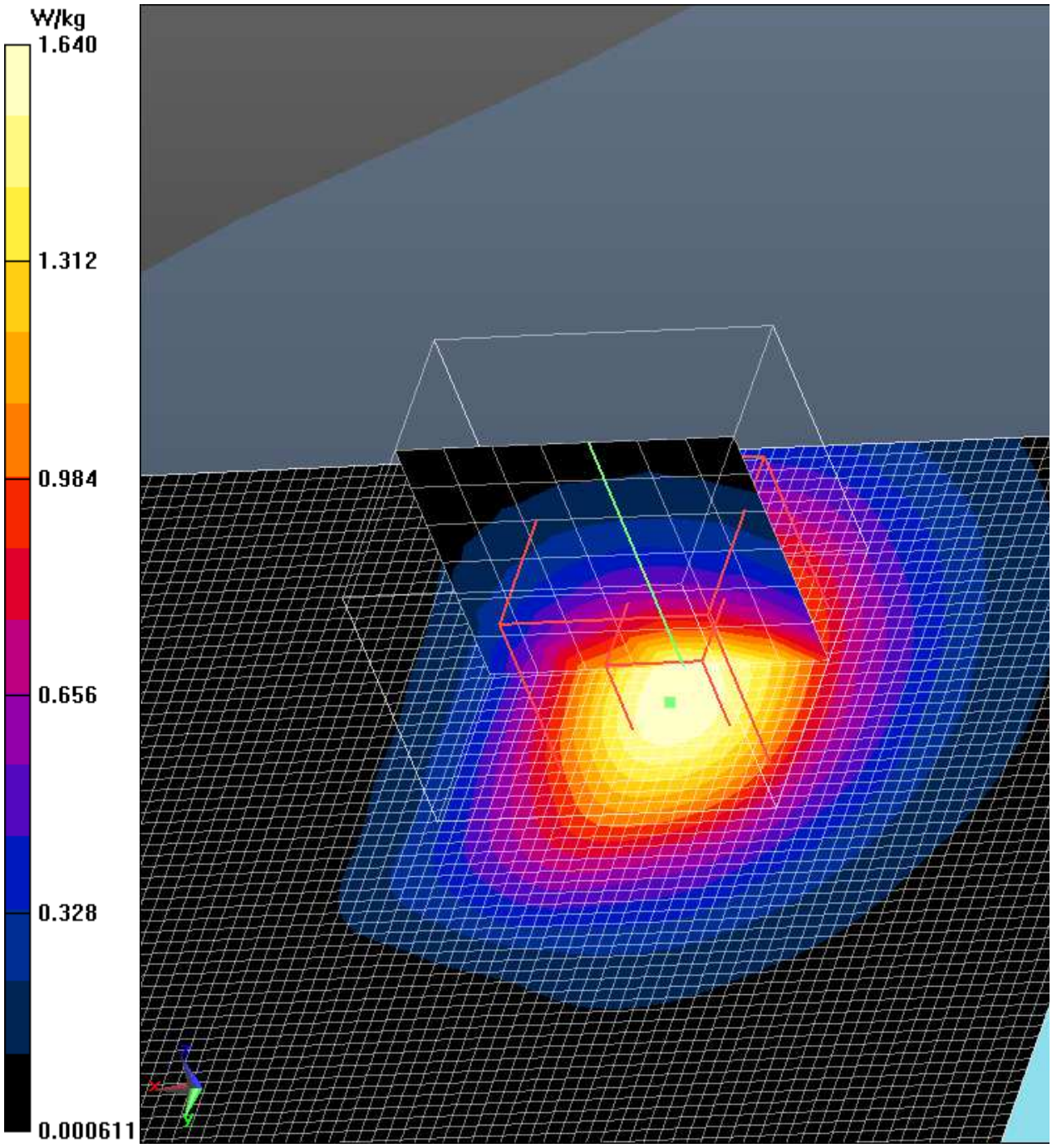
DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.62, 8.62, 8.62); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Repeatability_Back Side of Device in Pouch High Channel 2/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

WWAN Flat-Section MSL Testing/Repeatability_Back Side of Device in Pouch High Channel 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.655 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.650 W/kg

Maximum value of SAR (measured) = 1.59 W/kg


W/kg
1.640
1.312
0.984
0.656
0.328
0.000611

Date/Time: 5/18/2016 9:42:19 AM

Test Laboratory: Intertek
File Name: CDMA PCS Band_In Pouch.da52:4

CDMA PCS Band_In Pouch (Front Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA PCS Band; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.51 S/m; ε_r = 53.28; ρ = 1000 kg/m^3

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

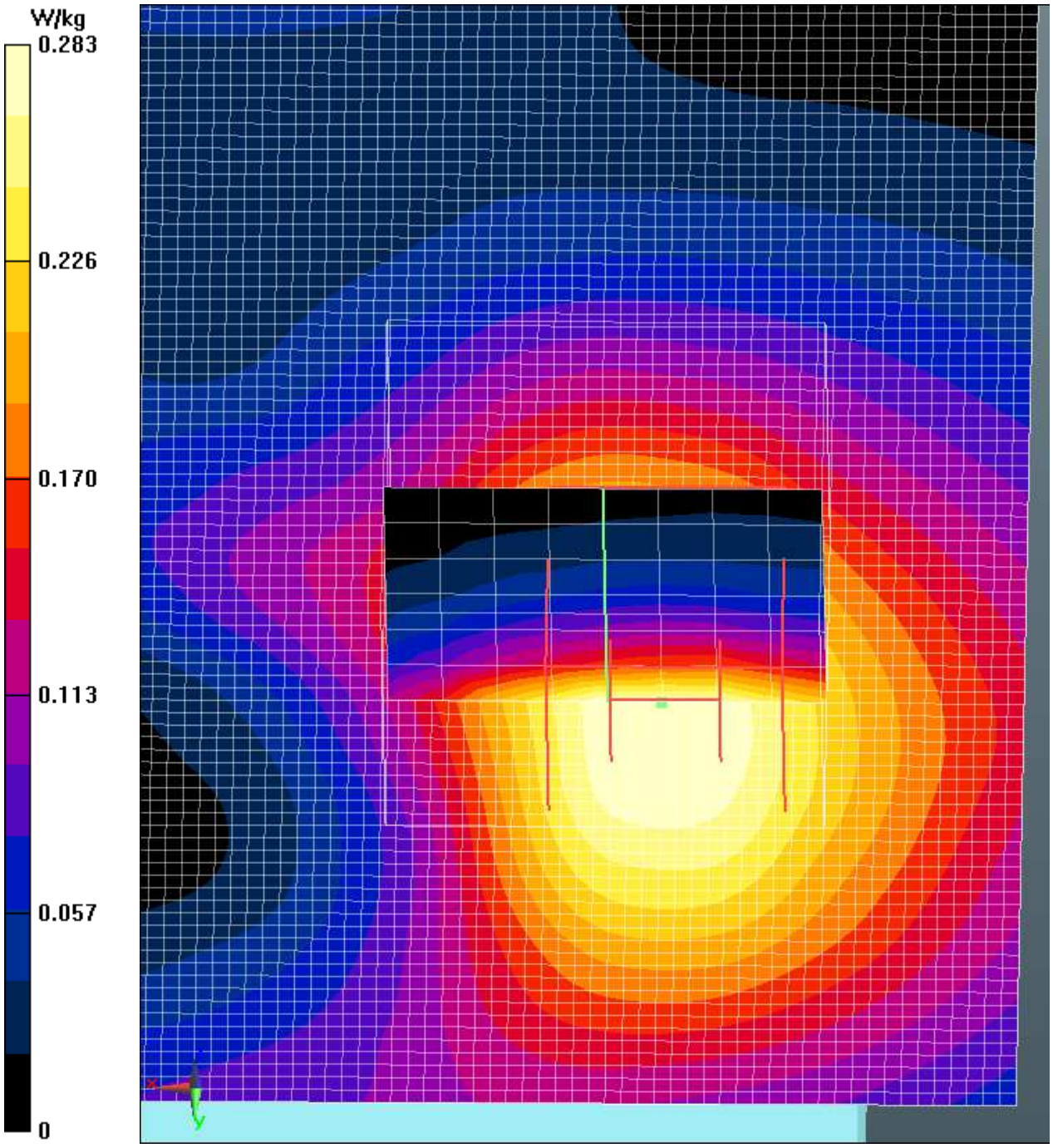
DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.62, 8.62, 8.62); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 2 with CRP v5.0; Type: QD000P40CD; Serial: TP:1663
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing/Front Side of Device In Pouch Mid Channel 2/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.283 W/kg

WWAN Flat-Section MSL Testing/Front Side of Device In Pouch Mid Channel 2/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.281 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.280 W/kg


W/kg
0.283
0.226
0.170
0.113
0.057
0

Date/Time: 5/26/2016 7:02:44 PM

Test Laboratory: Intertek
File Name: 802.11B In Pouch.da52:1

802.11B In Pouch (Back Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.034 S/m; ε_r = 50.658; ρ = 1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

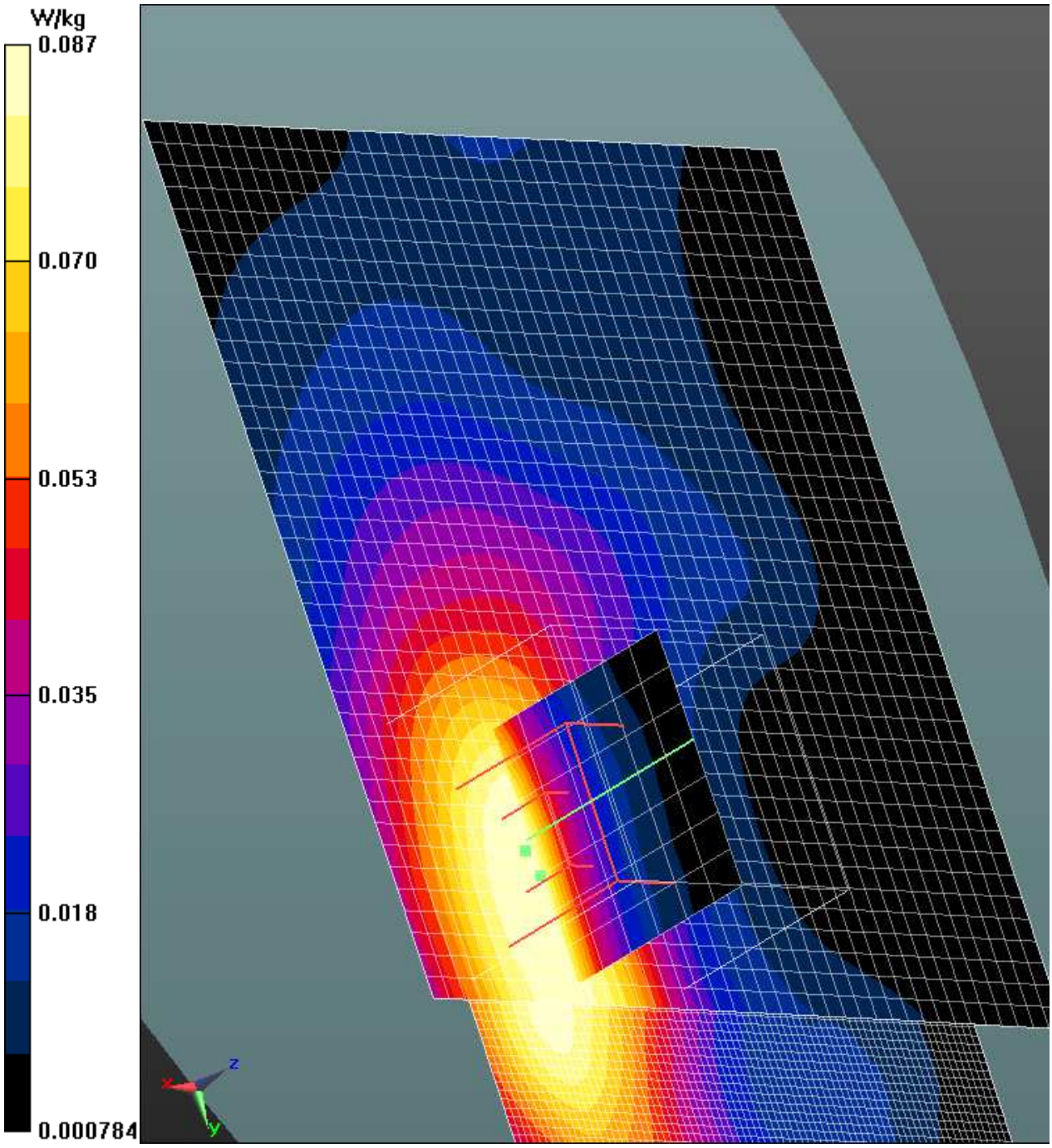
WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Mid/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0870 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Mid/Area Scan 2 (41x41x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

Maximum value of SAR (interpolated) = 0.0826 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Mid/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.711 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.033 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0840 W/kg


W/kg
0.087
0.070
0.053
0.035
0.018
0.000784
z
x
y

Date/Time: 5/26/2016 6:20:09 PM

Test Laboratory: Intertek
File Name: 802.11B In Pouch.da52:1

802.11B In Pouch (Back Side, Low Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 2.023 S/m; ε_r = 50.558; ρ = 1000 kg/m^3

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

DASY5 Configuration:

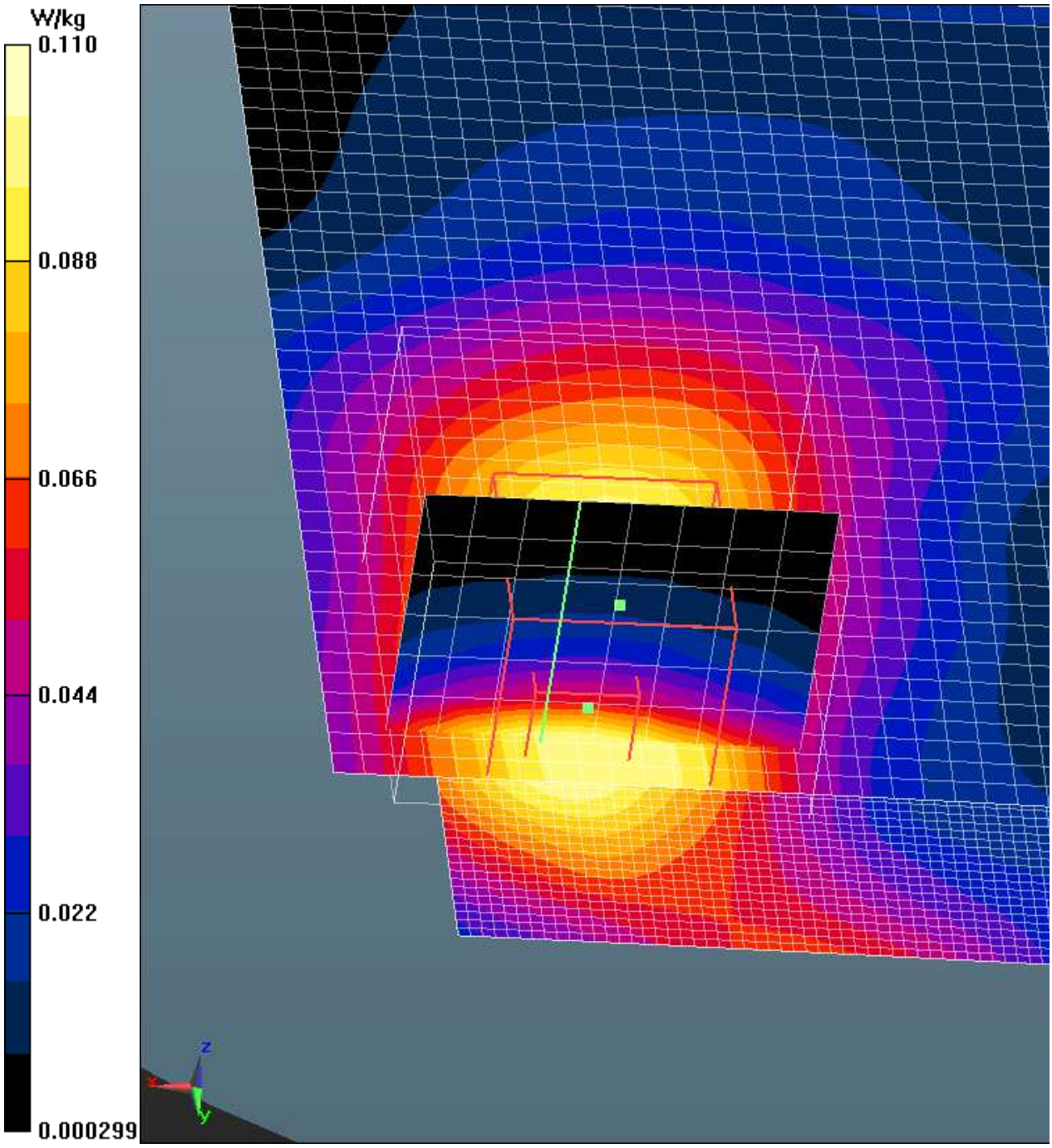
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Low/Area Scan 2 (41x41x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.110 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Low/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Low/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.529 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.113 W/kg


W/kg
0.110
0.088
0.066
0.044
0.022
0.000299
z
x
y

Date/Time: 5/26/2016 7:47:06 PM

Test Laboratory: Intertek
File Name: 802.11B In Pouch.da52:1

802.11B In Pouch (Back Side, High Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2462 MHz; σ = 2.06 S/m; ε_r = 50.526; ρ = 1000 kg/m^3

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

DASY5 Configuration:

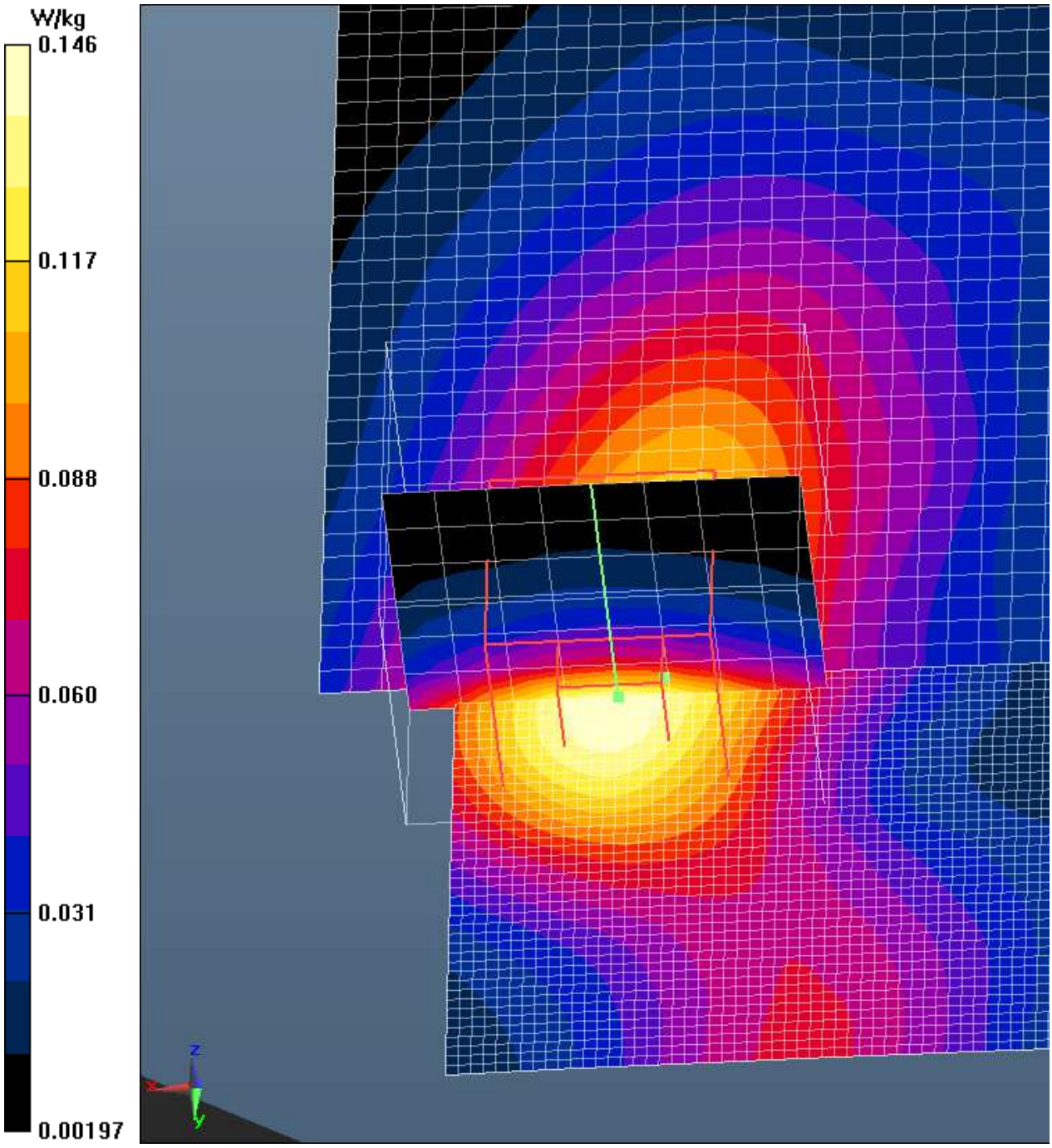
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B High/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.146 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B High/Area Scan 2 (41x41x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B High/Zoom Scan (9x8x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.429 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.051 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.142 W/kg


W/kg
0.146
0.117
0.088
0.060
0.031
0.00197
z
x
y

Date/Time: 5/26/2016 9:39:16 PM

Test Laboratory: Intertek
File Name: 802.11B In Pouch.da52:1

802.11B In Pouch (Front Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.034 S/m; ε_r = 50.658; ρ = 1000 kg/m^3

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

DASY5 Configuration:

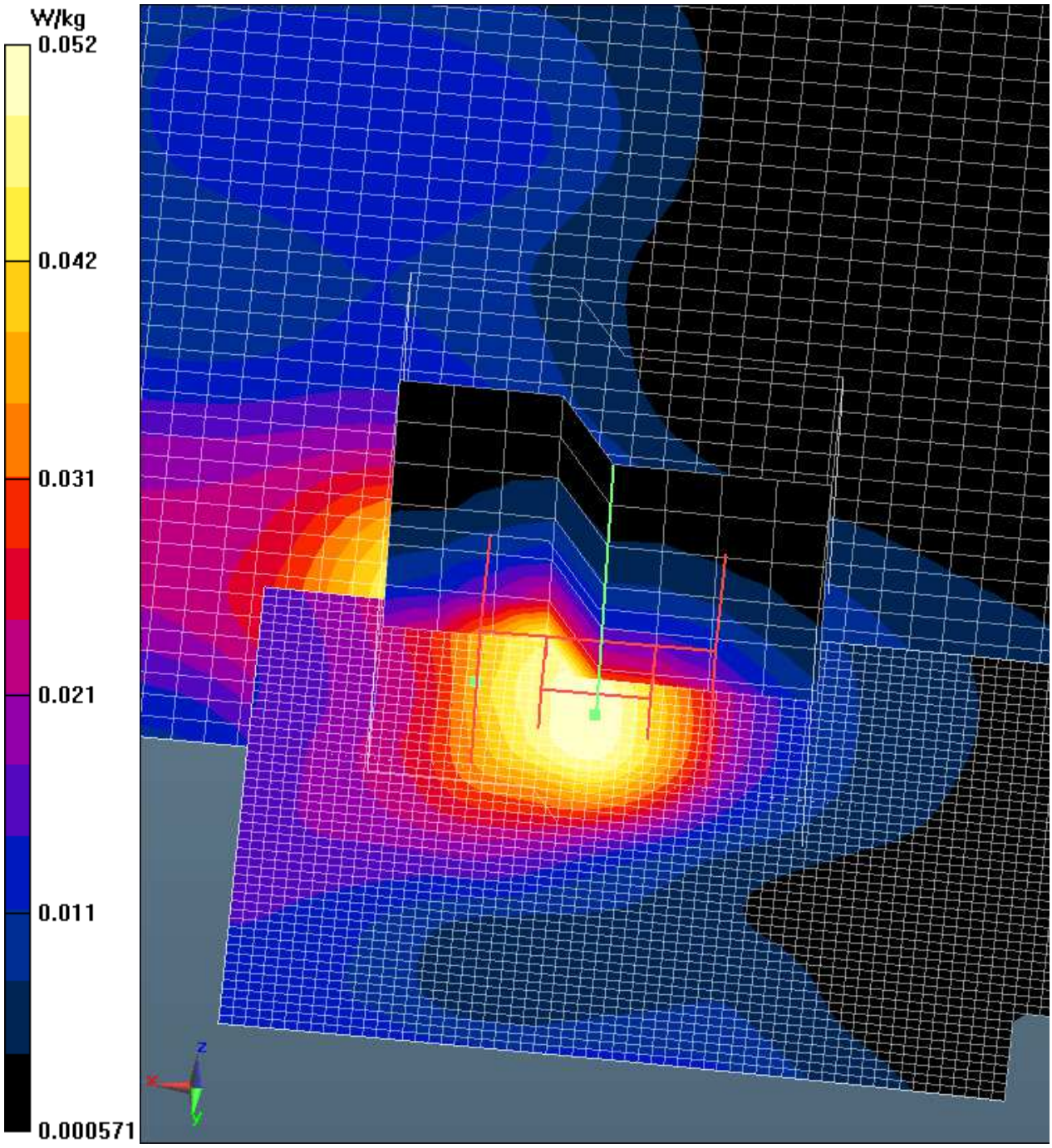
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

WWAN Flat-Section MSL Testing 2/FRONT SIDE In Pouch 802.11B Mid/Area Scan 2 (41x41x1):
Interpolated grid: dx=3.000 mm, dy=3.000 mm
Maximum value of SAR (interpolated) = 0.0519 W/kg

WWAN Flat-Section MSL Testing 2/FRONT SIDE In Pouch 802.11B Mid/Area Scan (81x51x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0827 W/kg

WWAN Flat-Section MSL Testing 2/FRONT SIDE In Pouch 802.11B Mid/Zoom Scan (9x8x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.318 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0864 W/kg


W/kg
0.052
0.042
0.031
0.021
0.011
0.000571
z
x
y

Date/Time: 5/26/2016 2:46:49 PM

Test Laboratory: Intertek
File Name: 802.11G In Pouch.da52:1

802.11G In Pouch (Back Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.034 S/m; ε_r = 50.658; ρ = 1000 kg/m^3

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

DASY5 Configuration:

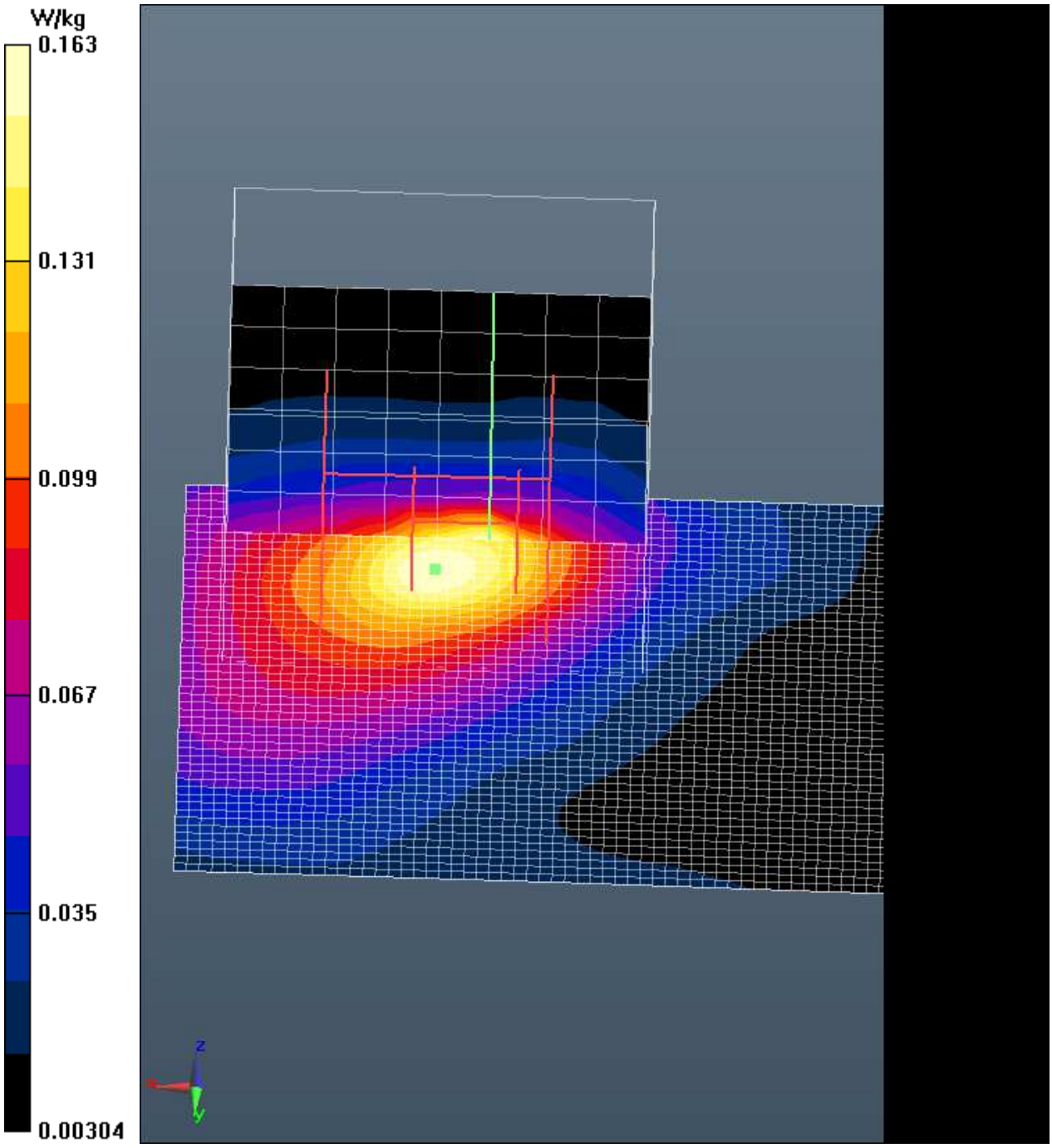
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7331)

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Mid/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Mid/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.522 V/m; Power Drift = -0.26 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.047 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.180 W/kg


W/kg
0.163
0.131
0.099
0.067
0.035
0.00304
z

Date/Time: 5/26/2016 3:22:55 PM

Test Laboratory: Intertek
File Name: 802.11G In Pouch.da52:1

802.11G In Pouch (Back Side, Low Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2412 MHz; σ = 2.023 S/m; ε_r = 50.558; ρ = 1000 kg/m^3

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

DASY5 Configuration:

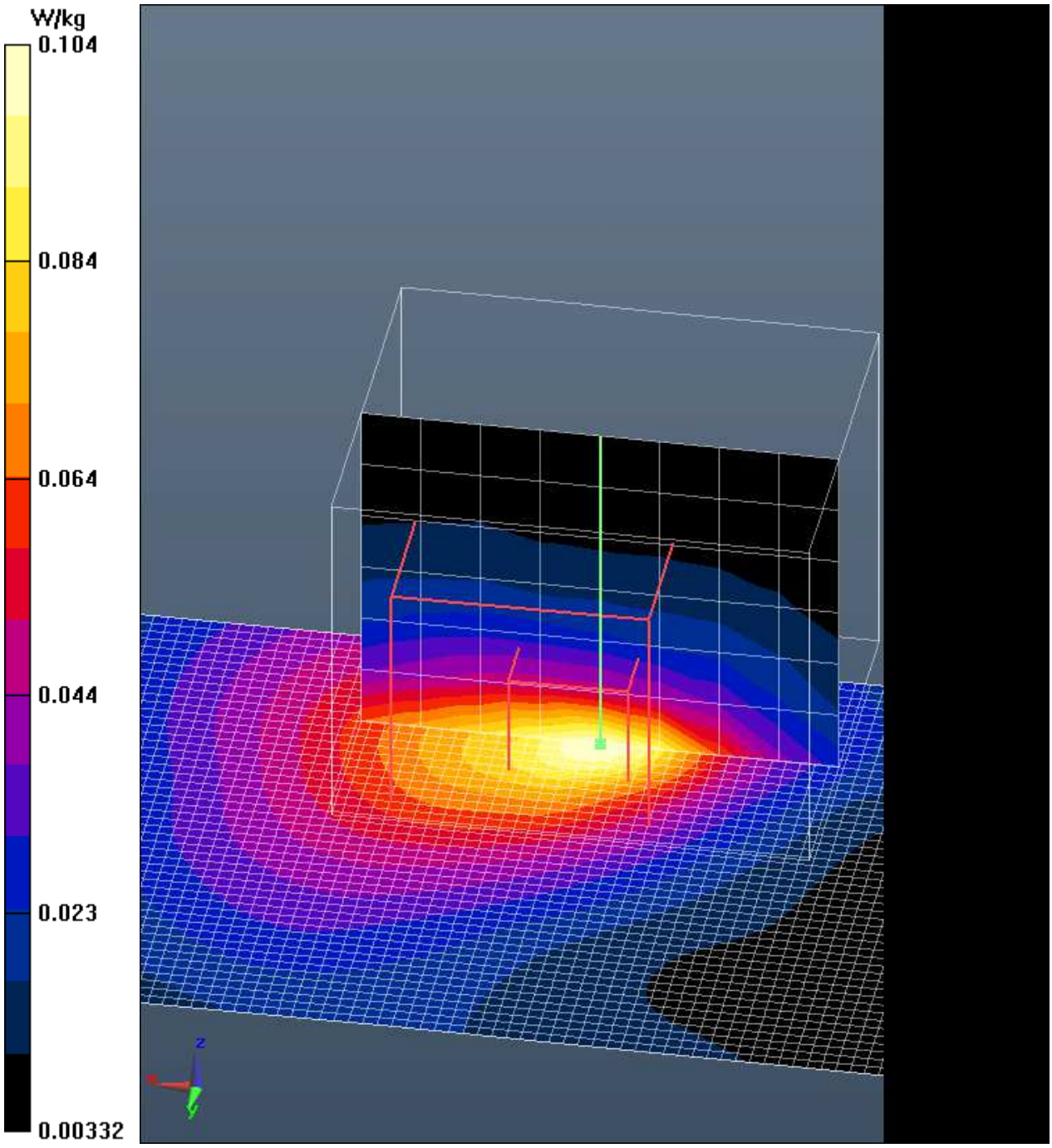
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7331)

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Low/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.104 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Low/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.618 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0971 W/kg


W/kg
0.104
0.084
0.064
0.044
0.023
0.00332
z

Date/Time: 5/26/2016 3:57:33 PM

Test Laboratory: Intertek
File Name: 802.11G In Pouch.da52:1

802.11G In Pouch (Back Side, High Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2462 MHz; σ = 2.06 S/m; ε_r = 50.526; ρ = 1000 kg/m^3

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

DASY5 Configuration:

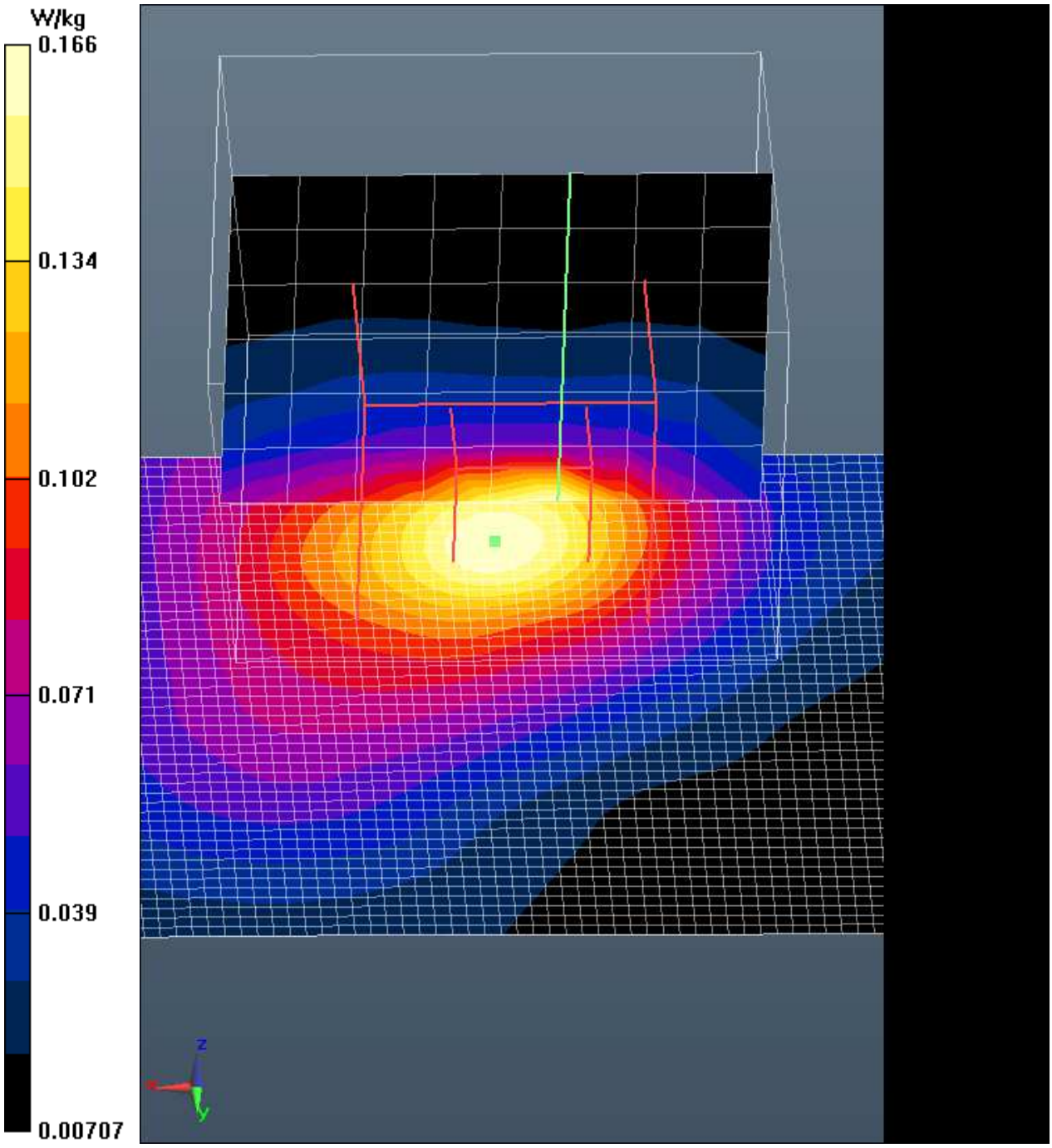
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7331)

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G High/Area Scan (81x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch 802.11G High/Zoom Scan (9x8x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.403 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.200 W/kg


W/kg
0.166
0.134
0.102
0.071
0.039
0.00707
z
x
y

Date/Time: 5/26/2016 4:41:04 PM

Test Laboratory: Intertek
File Name: 802.11G In Pouch.da52:1

802.11G In Pouch (Front Side, Middle Channel)

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic 802.11b/g/n (0); Communication System Band: 2.4 GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2437 MHz; σ = 2.034 S/m; ε_r = 50.658; ρ = 1000 kg/m^3

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

DASY5 Configuration:

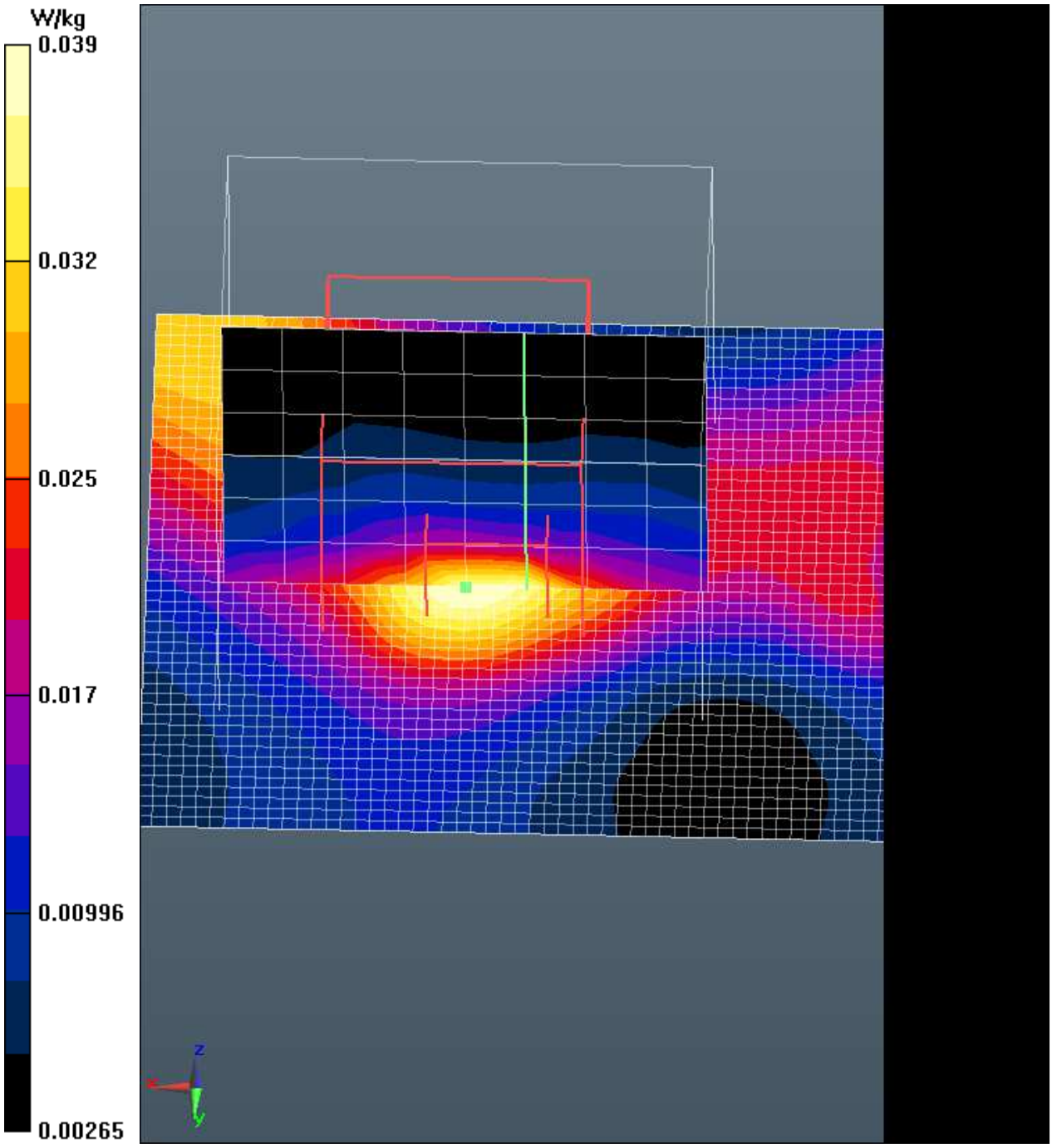
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7331)

WWAN Flat-Section MSL Testing 2/FRONT SIDE In Pouch 802.11G Mid/Area Scan (81x51x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0392 W/kg

WWAN Flat-Section MSL Testing 2/FRONT SIDE In Pouch 802.11G Mid/Zoom Scan (9x8x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.492 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0435 W/kg


W/kg
0.039
0.032
0.025
0.017
0.00996
0.00265
z
x
y

Date/Time: 7/1/2016 2:58:38 PM

Test Laboratory: Intertek
File Name: BT In Pouch.da52:1

Bluetooth In Pouch, Front Side, Mid Channel

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic Bluetooth (0); Communication System Band: 2.4Ghz ISM; Frequency: 2440 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2440 MHz; σ = 2.036 S/m; ε_r = 50.67; ρ = 1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

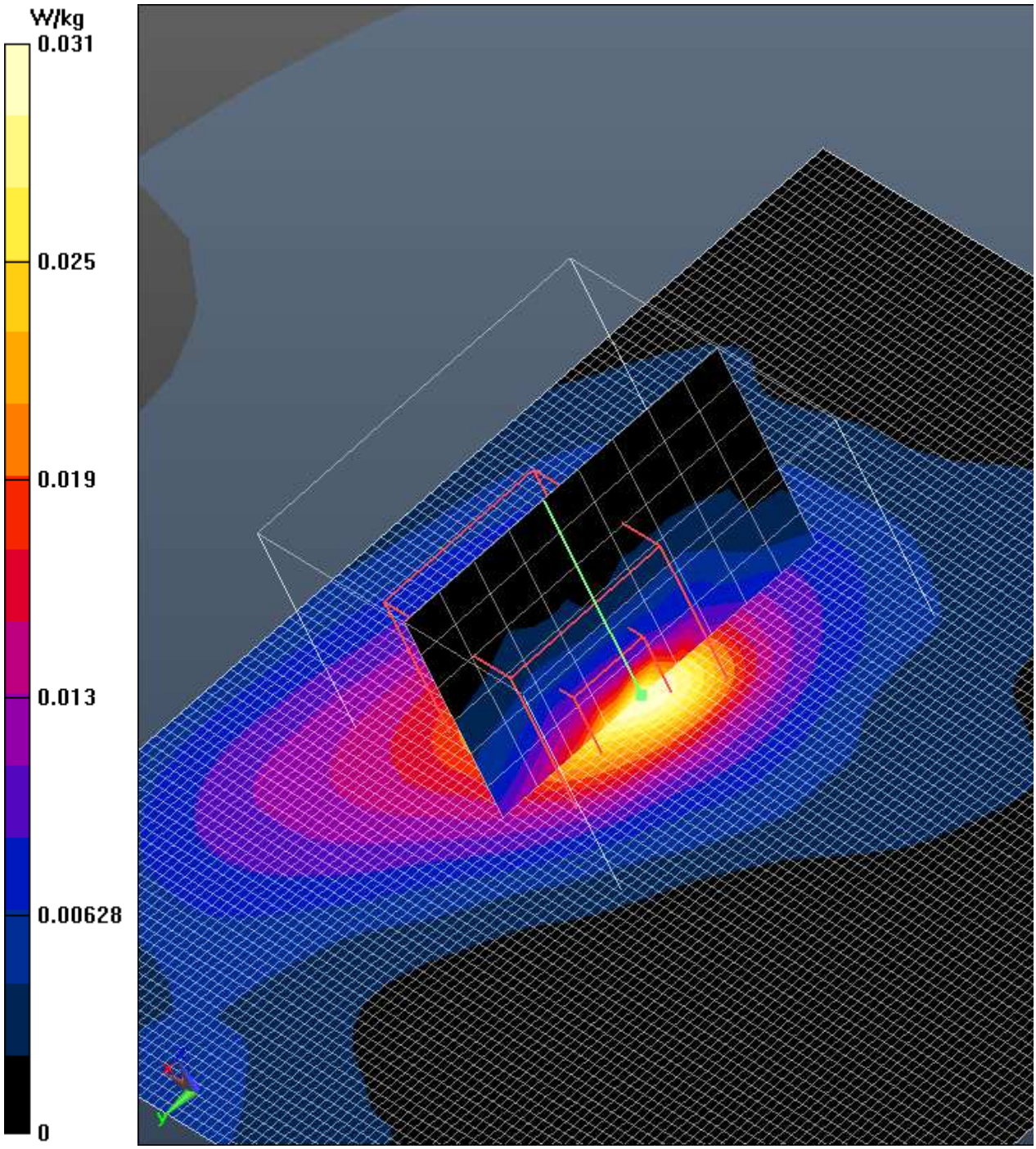
WWAN Flat-Section MSL Testing 2/In Pouch Bluetooth Mid Front Side 2/Area Scan (111x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0314 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch Bluetooth Mid Front Side 2/Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.012 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00968 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0383 W/kg


W/kg
0.031
0.025
0.019
0.013
0.00628
0

Date/Time: 7/1/2016 11:53:24 AM

Test Laboratory: Intertek
File Name: BT In Pouch.da52:1

Bluetooth In Pouch, Back Side, Mid Channel

Procedure Notes:

DUT: CrossMatch; Serial:

Communication System: UID 0, Generic Bluetooth (0); Communication System Band: 2.4Ghz ISM; Frequency: 2440 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2440 MHz; σ = 2.036 S/m; ε_r = 50.67; ρ = 1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

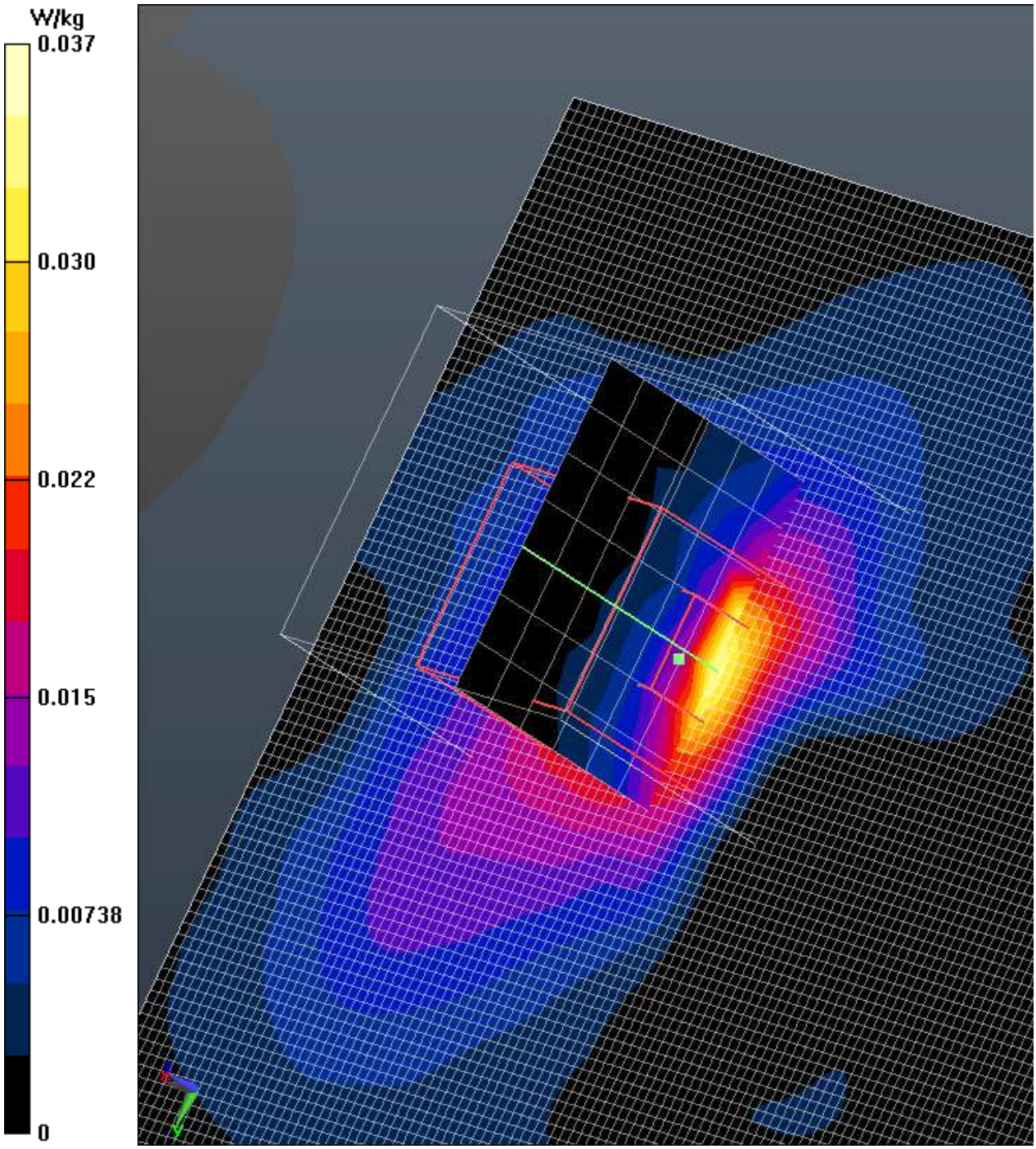
WWAN Flat-Section MSL Testing 2/In Pouch Bluetooth Mid Back Side/Area Scan (111x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0369 W/kg

WWAN Flat-Section MSL Testing 2/In Pouch Bluetooth Mid Back Side/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.241 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00946 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.0349 W/kg


W/kg
0.037
0.030
0.022
0.015
0.00738
0