

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): $f = 836.52 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 53.519$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

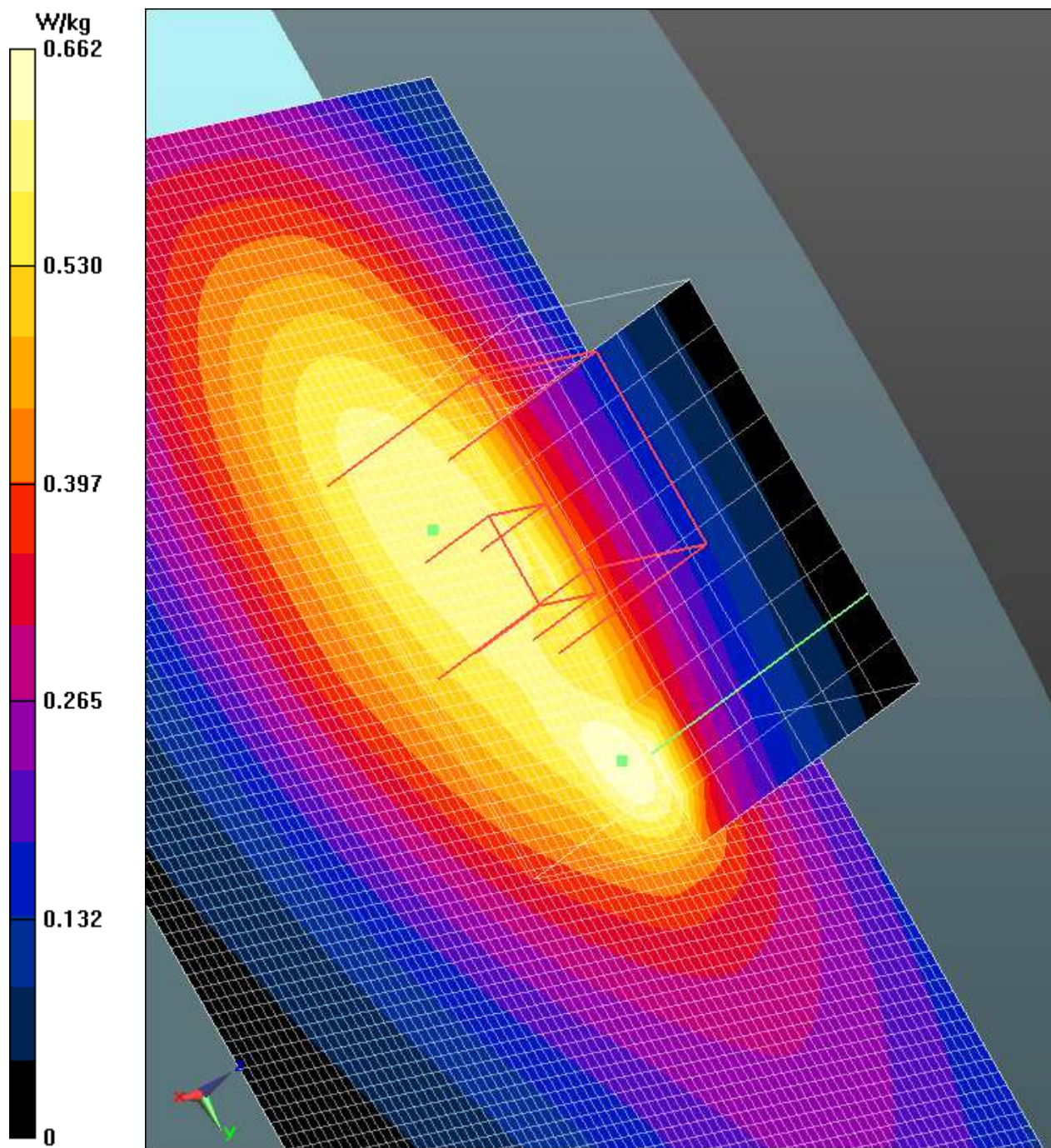
WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Zoom Scan (7x10x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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: $f = 825 \text{ MHz}$; $\sigma = 0.975 \text{ S/m}$; $\epsilon_r = 53.62$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.544 W/kg

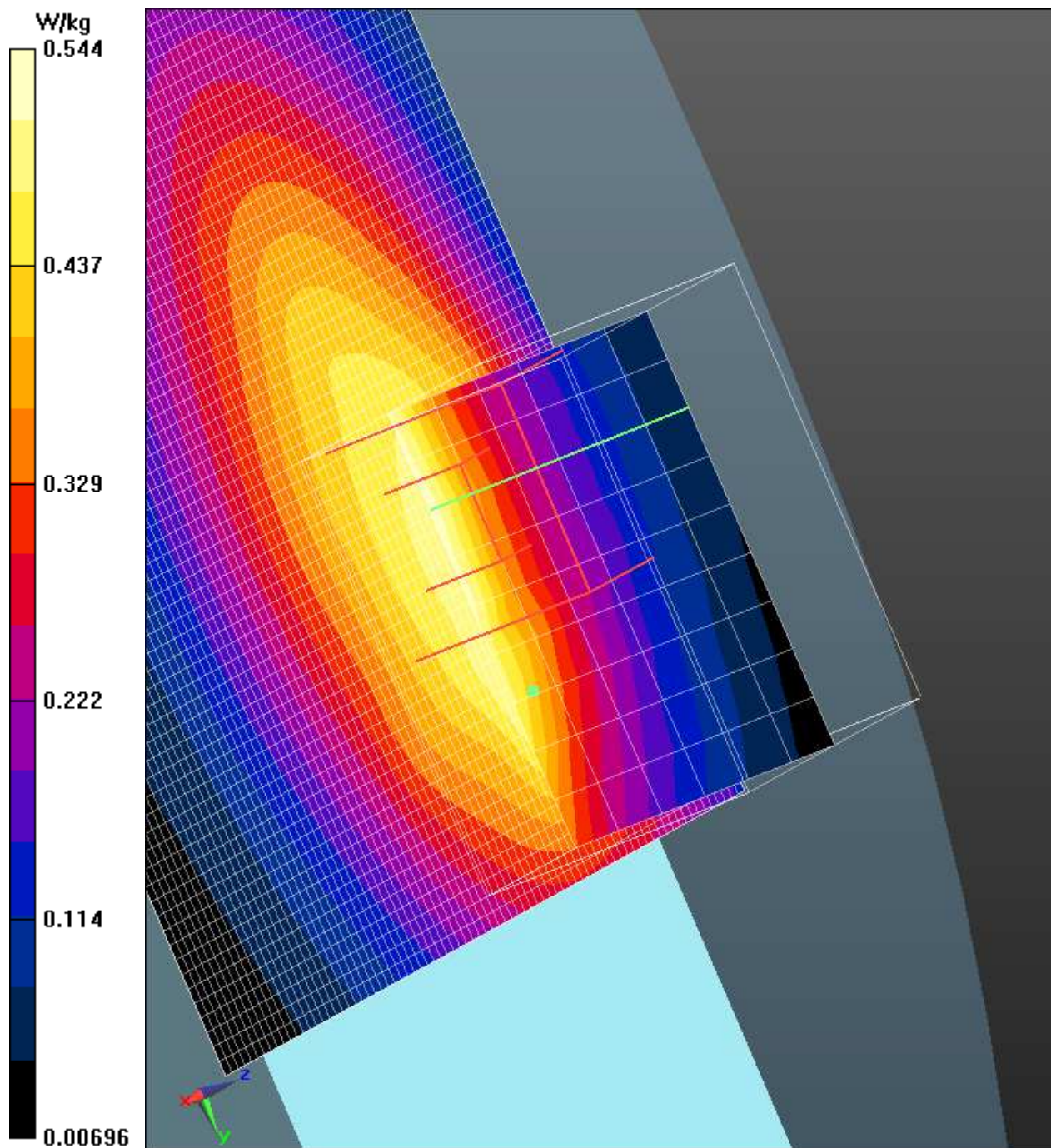
WWAN Flat-Section MSL Testing/Back Side of Device In Pouch Low Channel/Zoom Scan (9x10x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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; $\sigma = 0.998$ S/m; $\epsilon_r = 53.445$; $\rho = 1000$ kg/m³

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

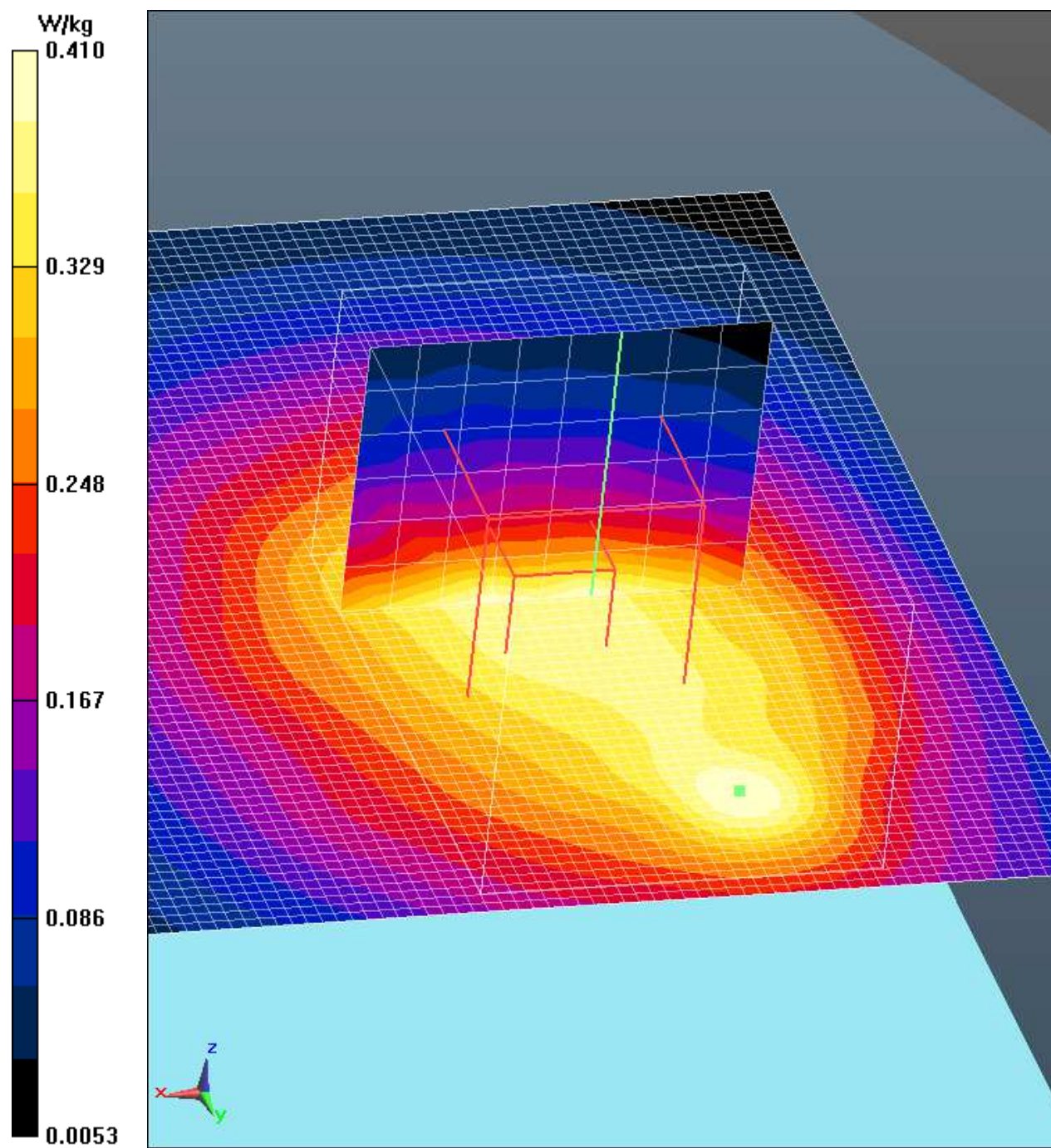
WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Zoom Scan (9x13x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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



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; $\sigma = 0.986$ S/m; $\epsilon_r = 53.519$; $\rho = 1000$ kg/m³

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

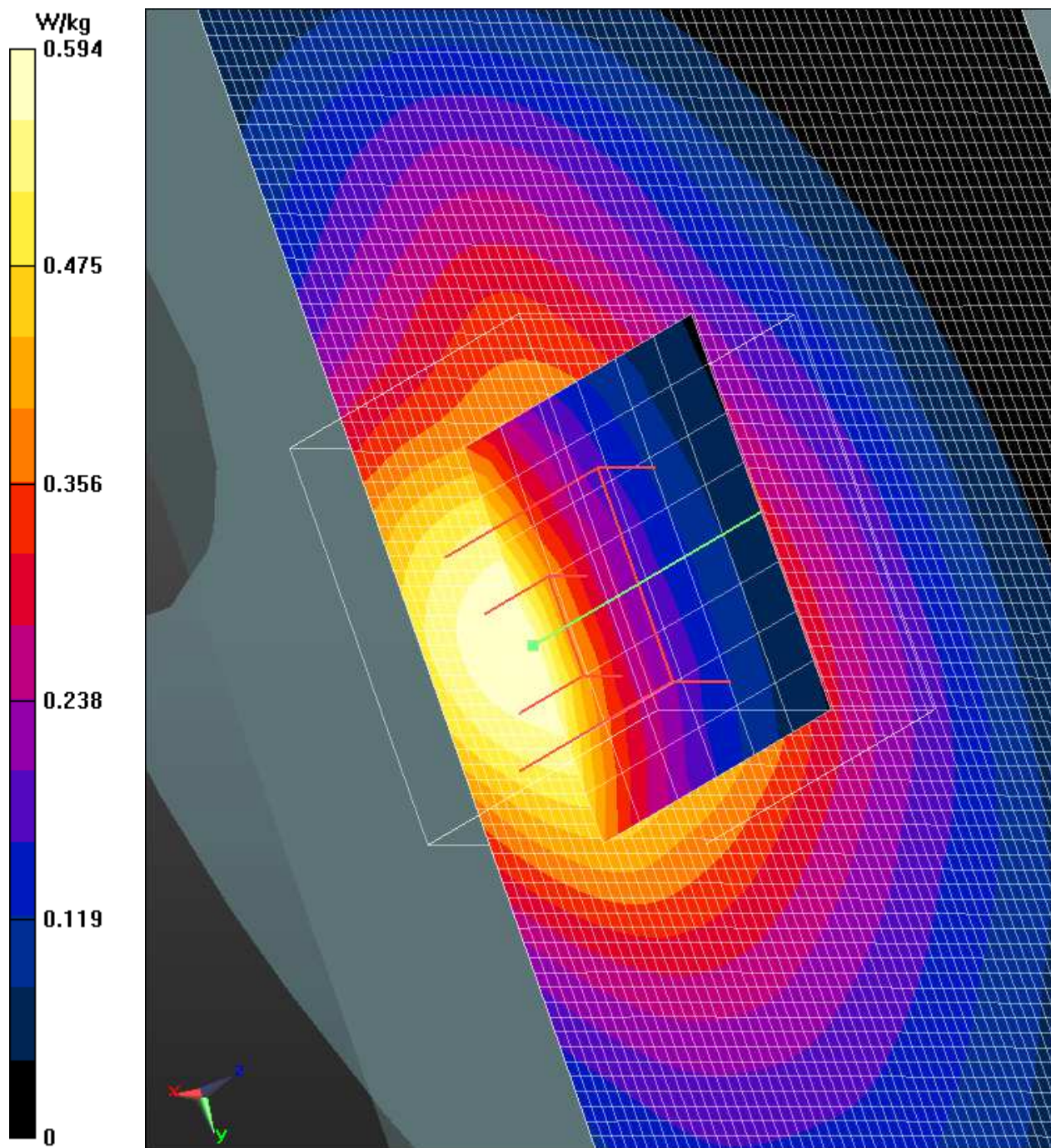
WWAN Flat-Section MSL Testing/Front Side of Device In Pouch Mid Channel 2/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ S/m}$; $\epsilon_r = 53.28$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.29 W/kg

WWAN Flat-Section MSL Testing/Back Side of Device in Pouch Mid Channel/Zoom Scan

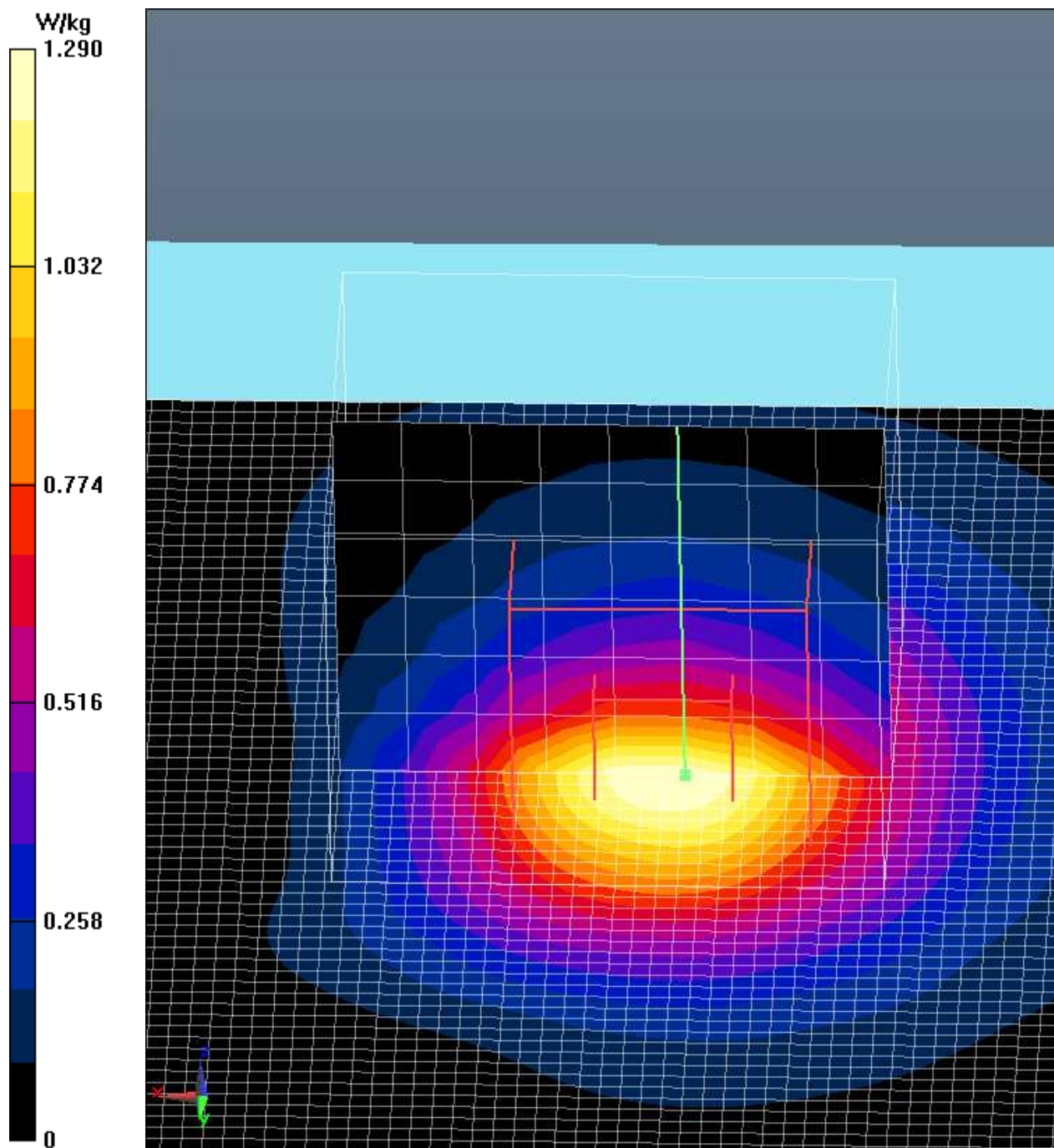
(9x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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; $\sigma = 1.49$ S/m; $\epsilon_r = 53.23$; $\rho = 1000$ kg/m³

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:

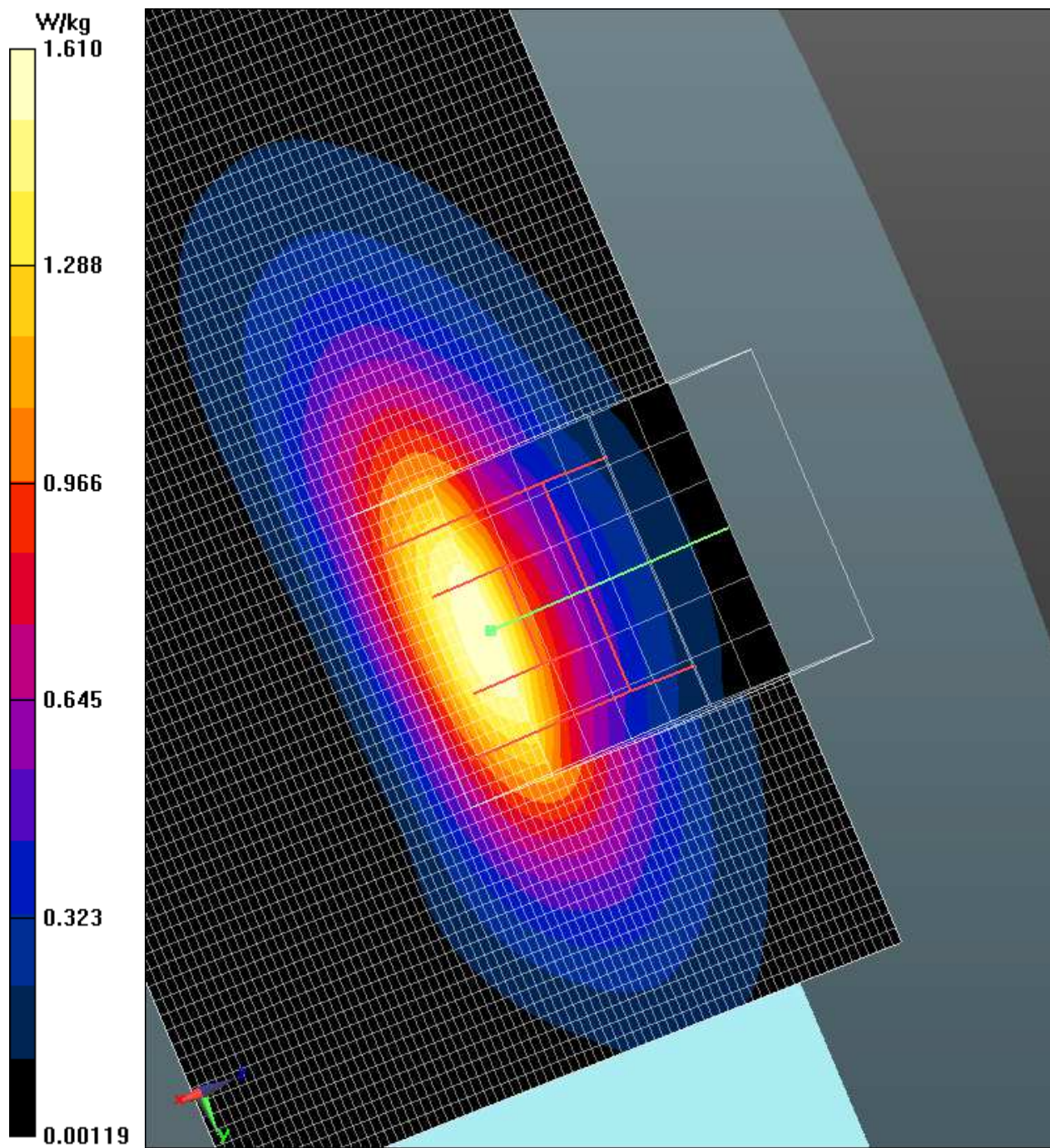
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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): $f = 1909.92 \text{ MHz}$; $\sigma = 1.543 \text{ S/m}$; $\epsilon_r = 53.28$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

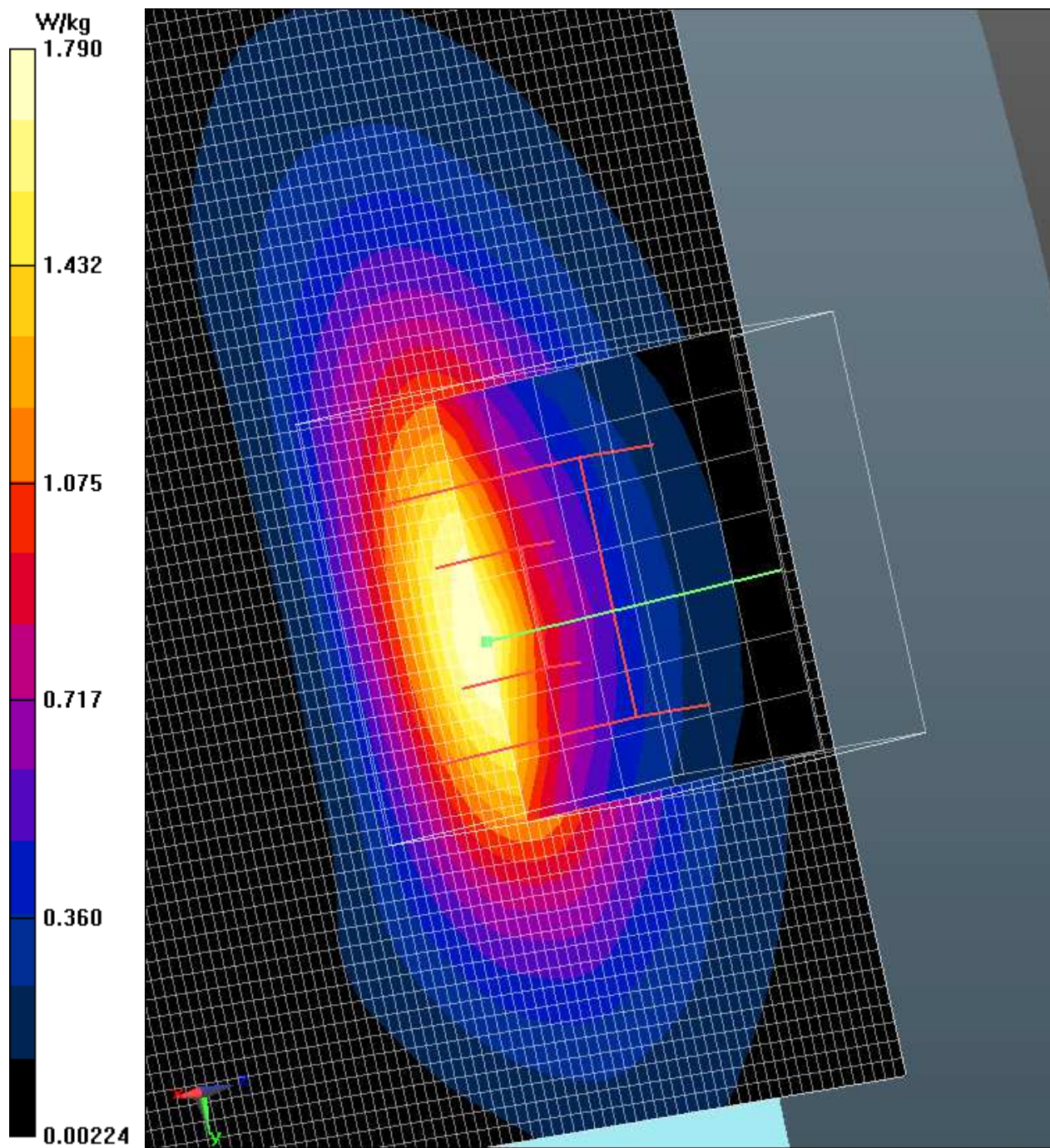
WWAN Flat-Section MSL Testing/Back Side of Device in Pouch High Channel/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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): $f = 1909.92 \text{ MHz}$; $\sigma = 1.543 \text{ S/m}$; $\epsilon_r = 53.28$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.64 W/kg

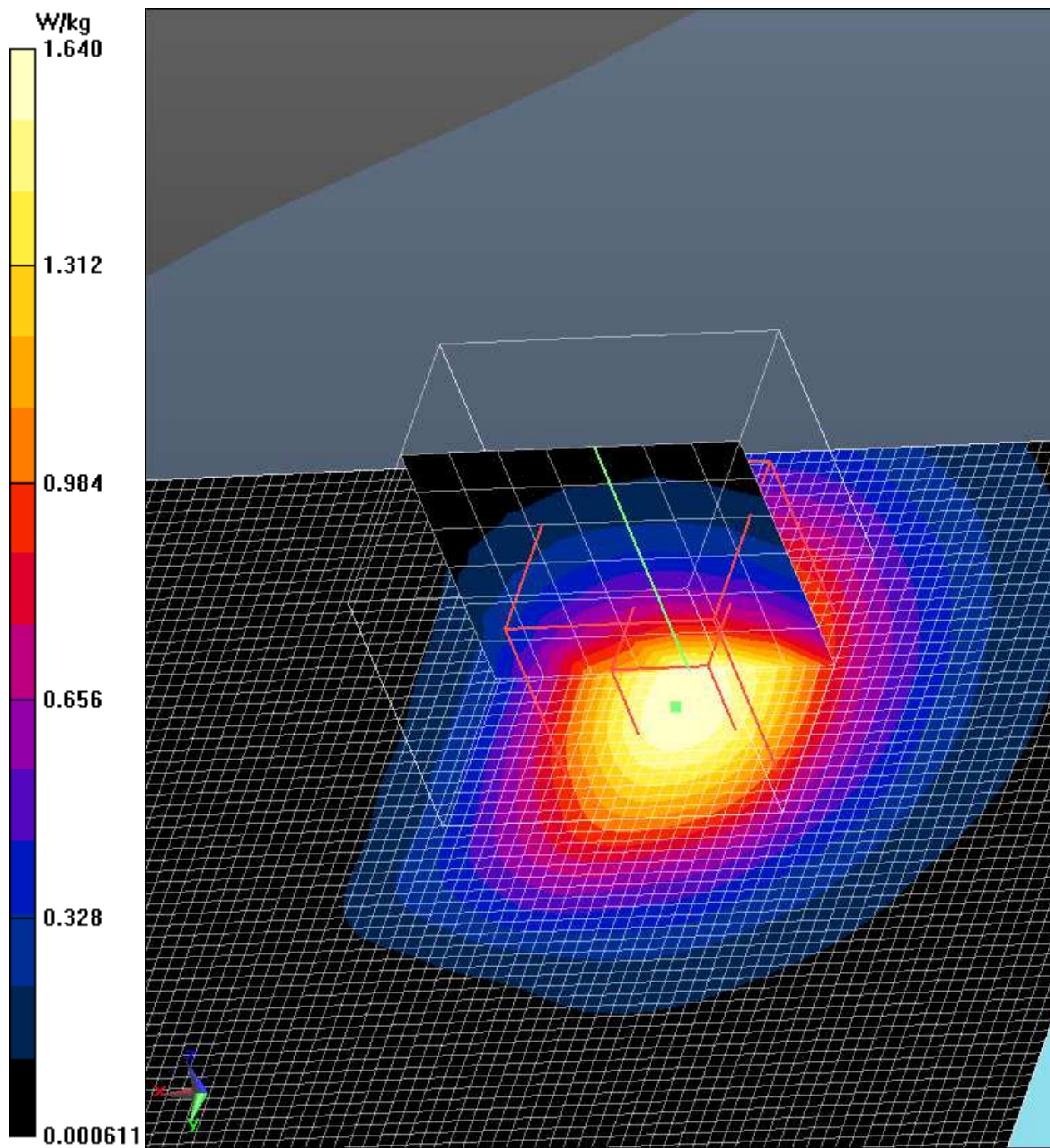
WWAN Flat-Section MSL Testing/Repeatability_Back Side of Device in Pouch High Channel 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ S/m}$; $\epsilon_r = 53.28$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

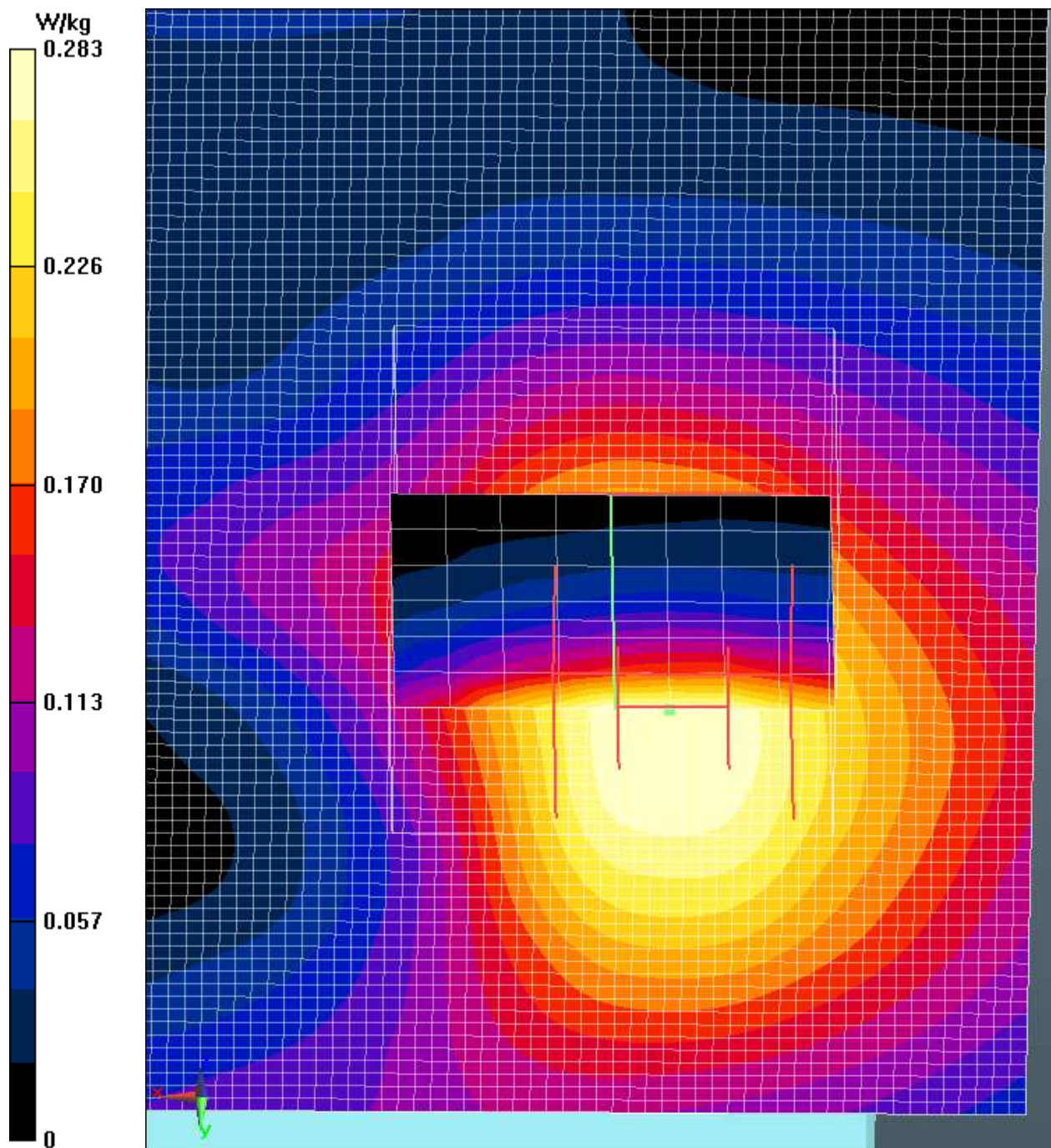
(9x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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; $\sigma = 2.034$ S/m; $\epsilon_r = 50.658$; $\rho = 1000$ kg/m³

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)

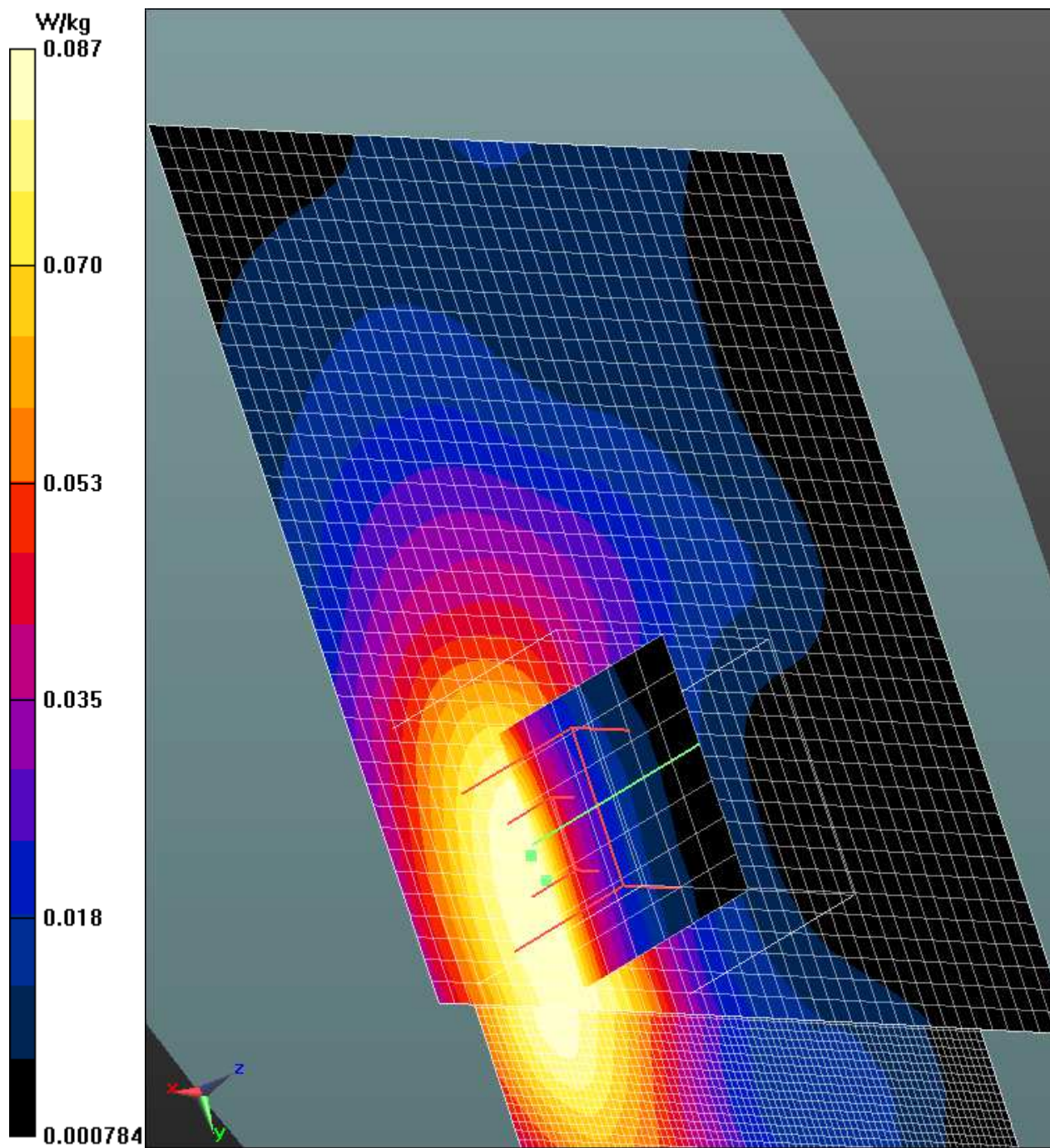
WWAN Flat-Section MSL Testing 2/In Pouch 802.11B Mid/Area Scan (81x51x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0870 W/kg

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



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; $\sigma = 2.023$ S/m; $\epsilon_r = 50.558$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

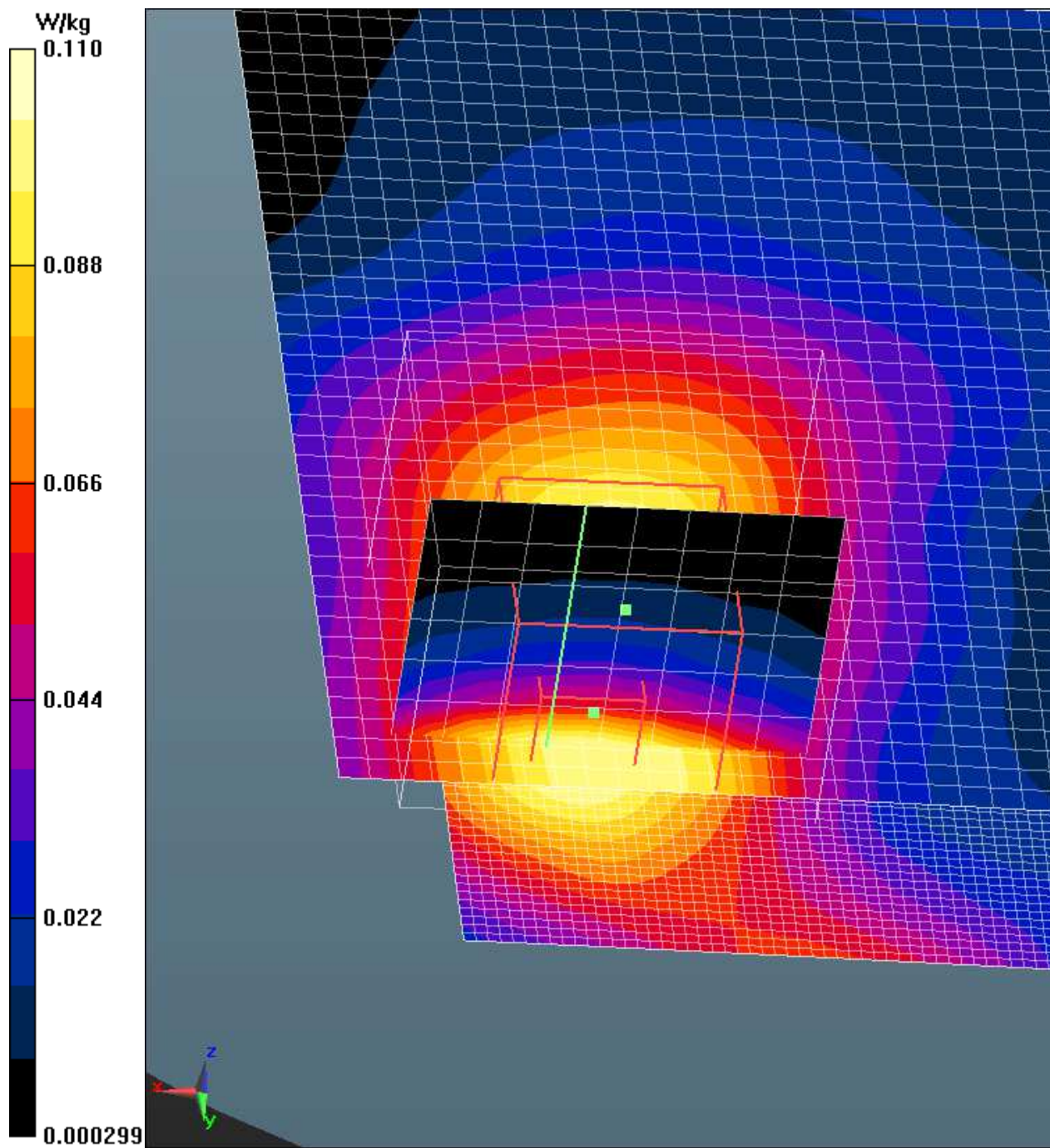
- Probe: EX3DV3 - SN3516; ConvF(8.19, 8.19, 8.19); Calibrated: 12/16/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn358; Calibrated: 9/16/2015
- Phantom: SAM 1 with CRP v5.0; Type: QD000P40CD; Serial: TP: 1243
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

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



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): $f = 2462 \text{ MHz}$; $\sigma = 2.06 \text{ S/m}$; $\epsilon_r = 50.526$; $\rho = 1000 \text{ kg/m}^3$

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:
 $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.146 W/kg

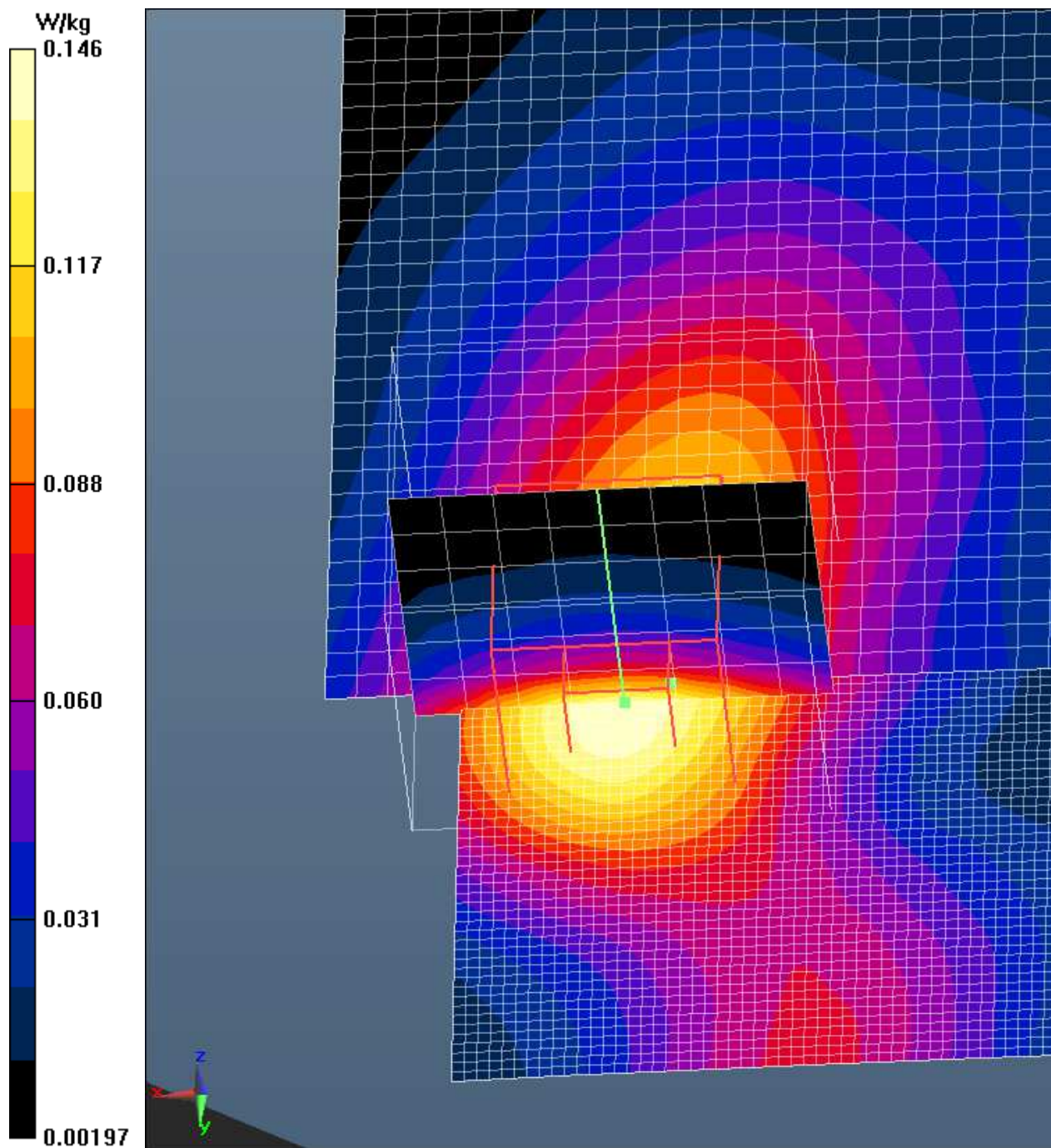
WWAN Flat-Section MSL Testing 2/In Pouch 802.11B High/Area Scan 2 (41x41x1): Interpolated grid:
 $dx=3.000 \text{ mm}$, $dy=3.000 \text{ mm}$

WWAN Flat-Section MSL Testing 2/In Pouch 802.11B High/Zoom Scan (9x8x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
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



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; $\sigma = 2.034$ S/m; $\epsilon_r = 50.658$; $\rho = 1000$ kg/m³

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:

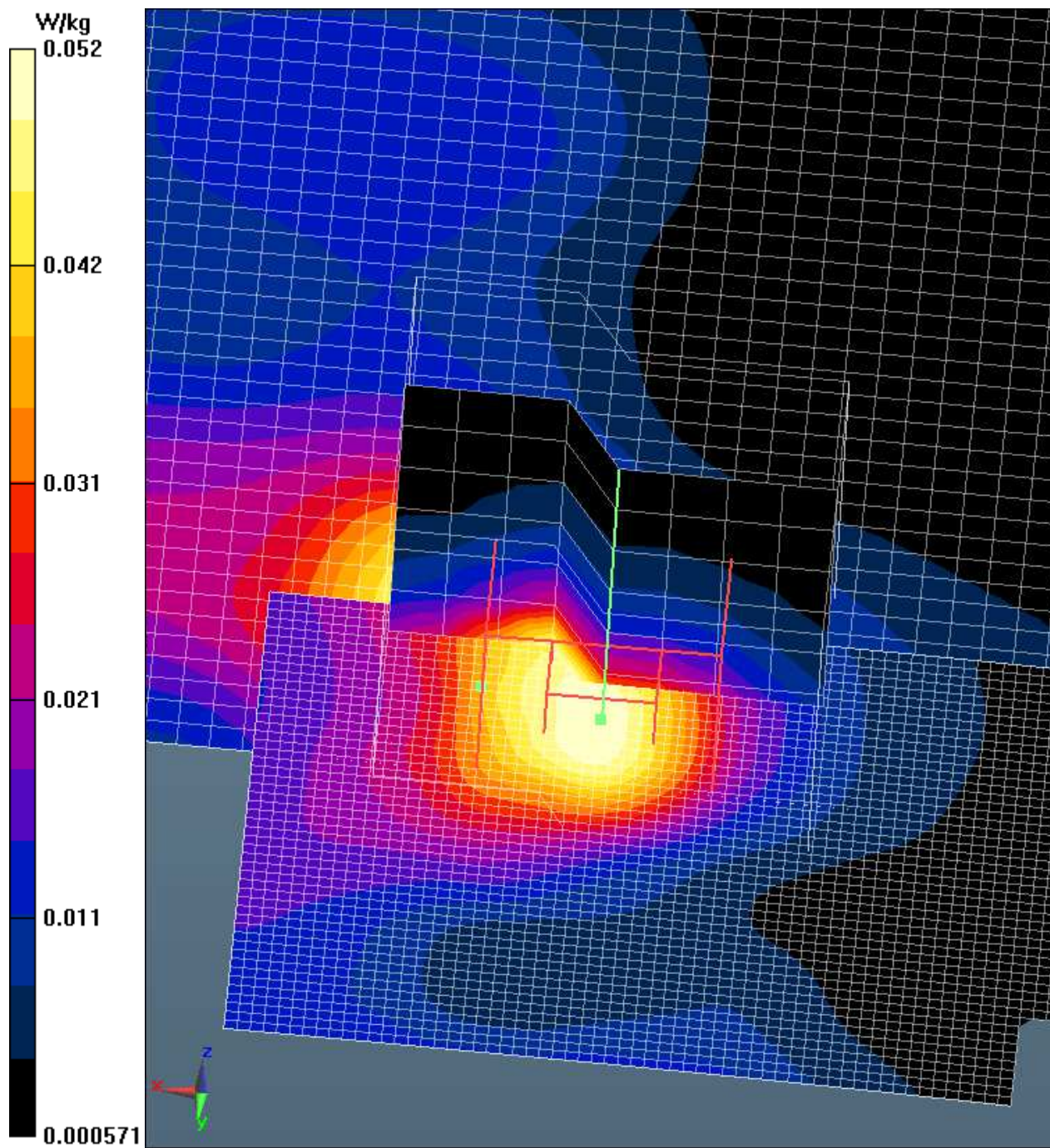
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 2.034$ S/m; $\epsilon_r = 50.658$; $\rho = 1000$ kg/m³

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

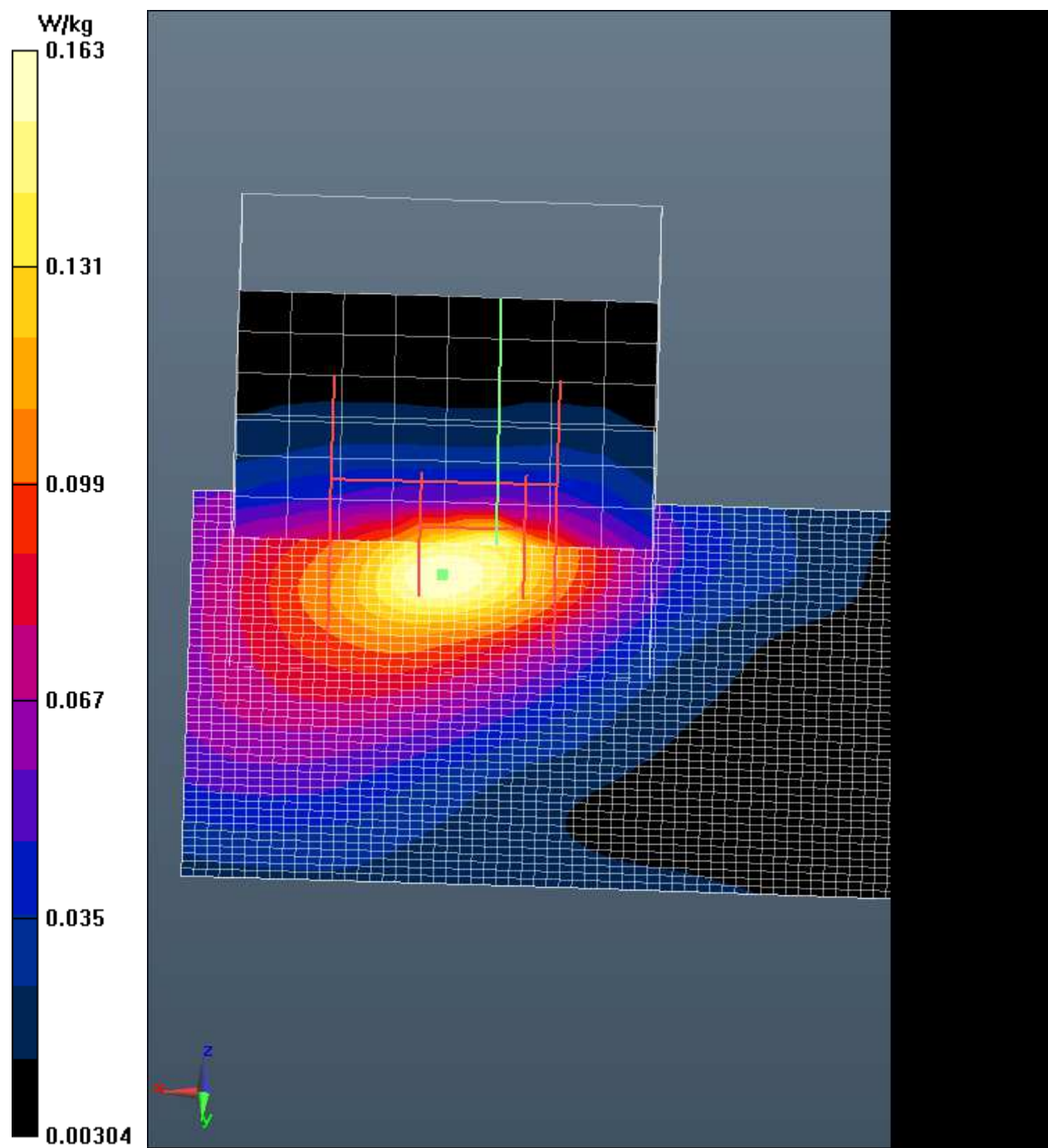
WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Mid/Zoom Scan (9x8x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 2.023$ S/m; $\epsilon_r = 50.558$; $\rho = 1000$ kg/m³

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

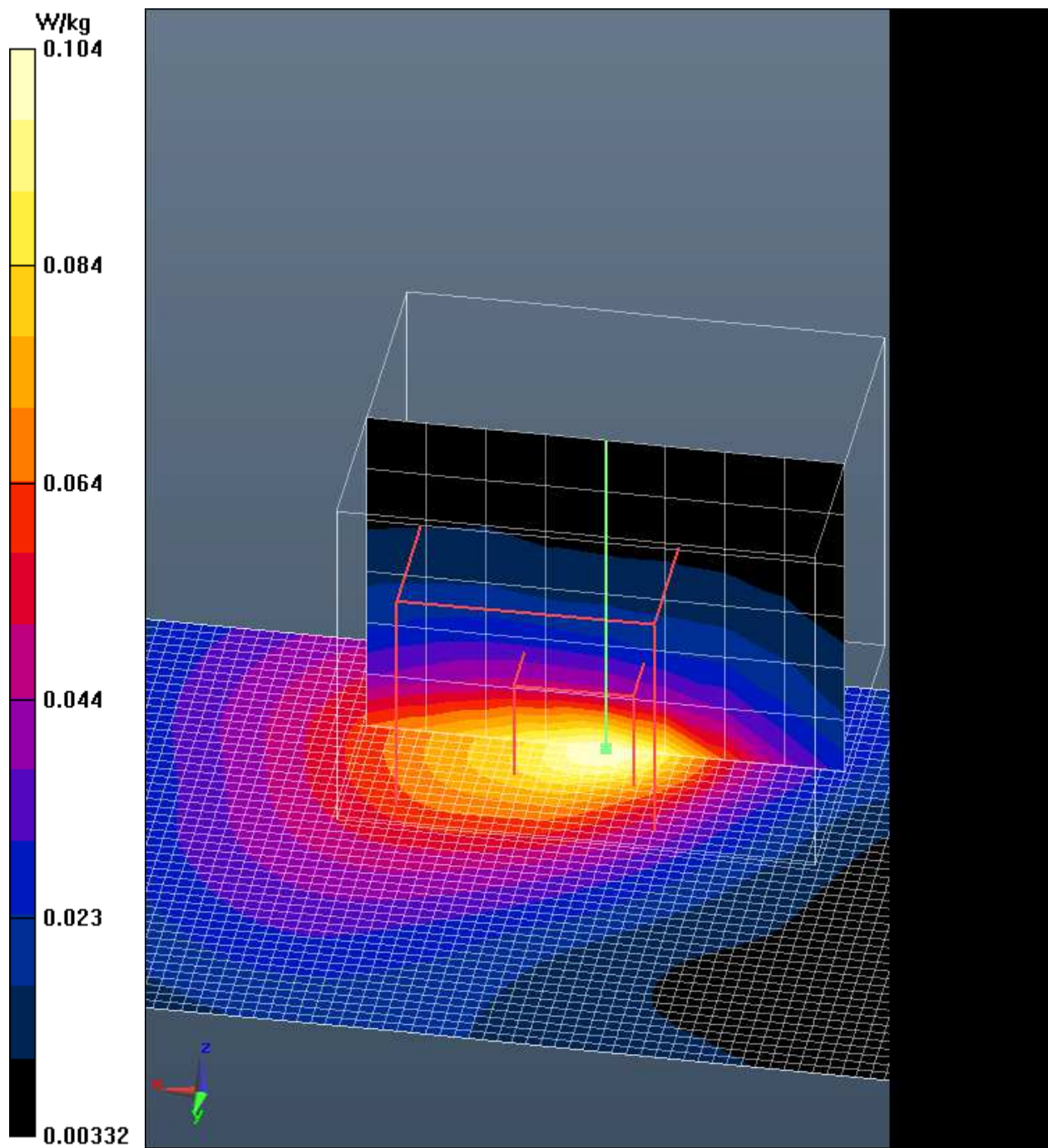
WWAN Flat-Section MSL Testing 2/In Pouch 802.11G Low/Zoom Scan (9x8x7)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 2.06$ S/m; $\epsilon_r = 50.526$; $\rho = 1000$ kg/m³

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:

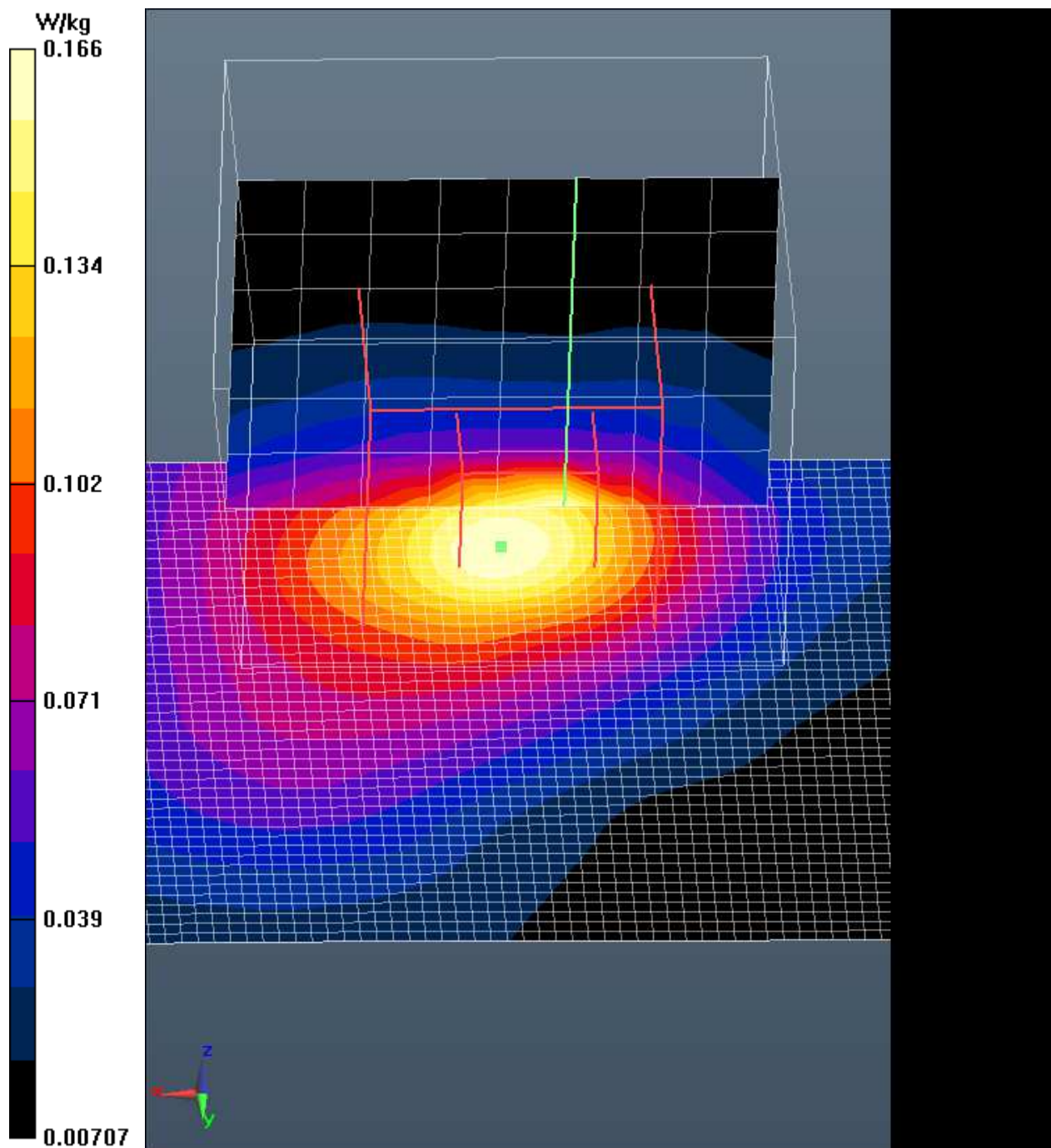
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 2.034$ S/m; $\epsilon_r = 50.658$; $\rho = 1000$ kg/m³

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:

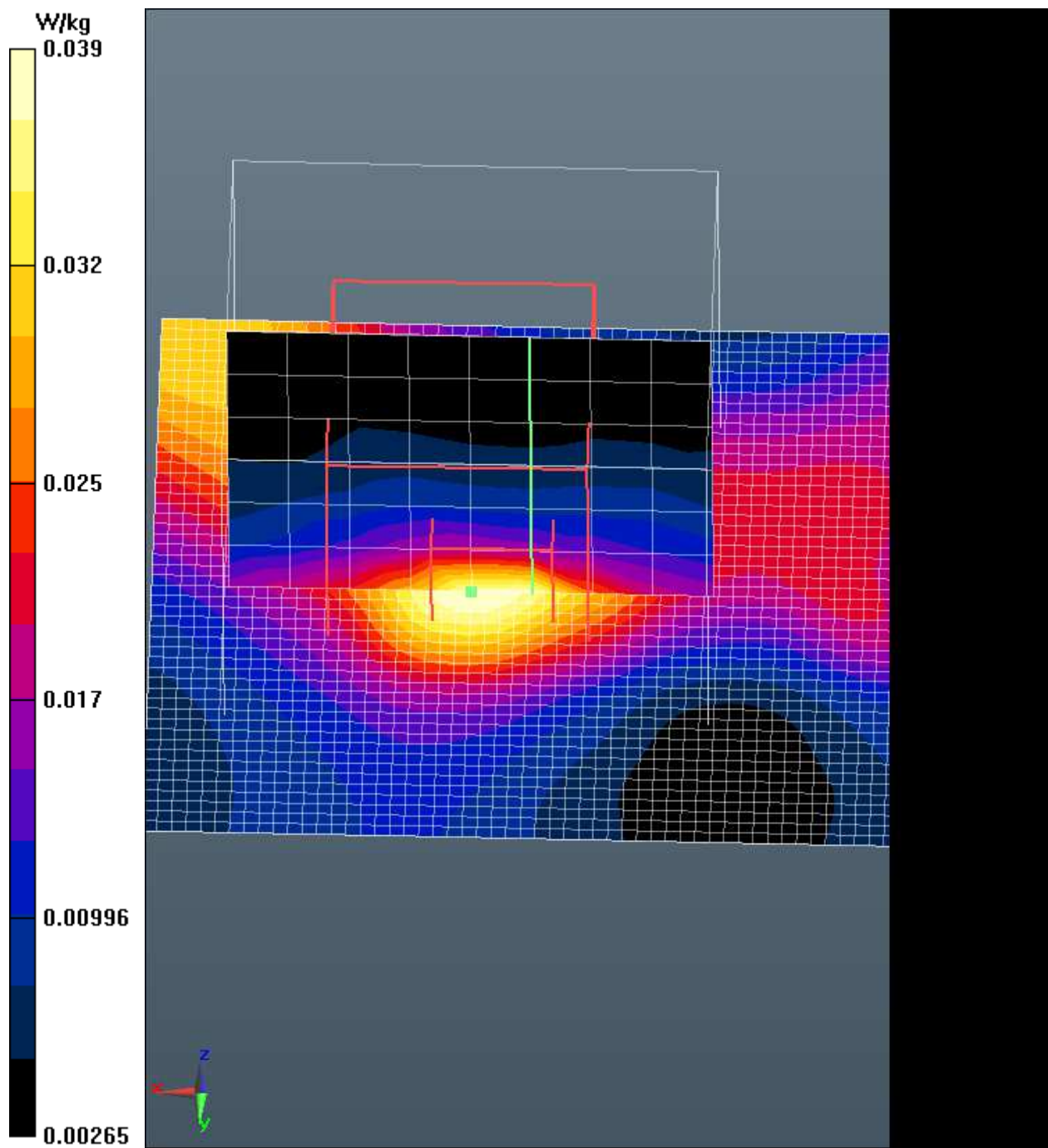
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 2.036$ S/m; $\epsilon_r = 50.67$; $\rho = 1000$ kg/m³

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

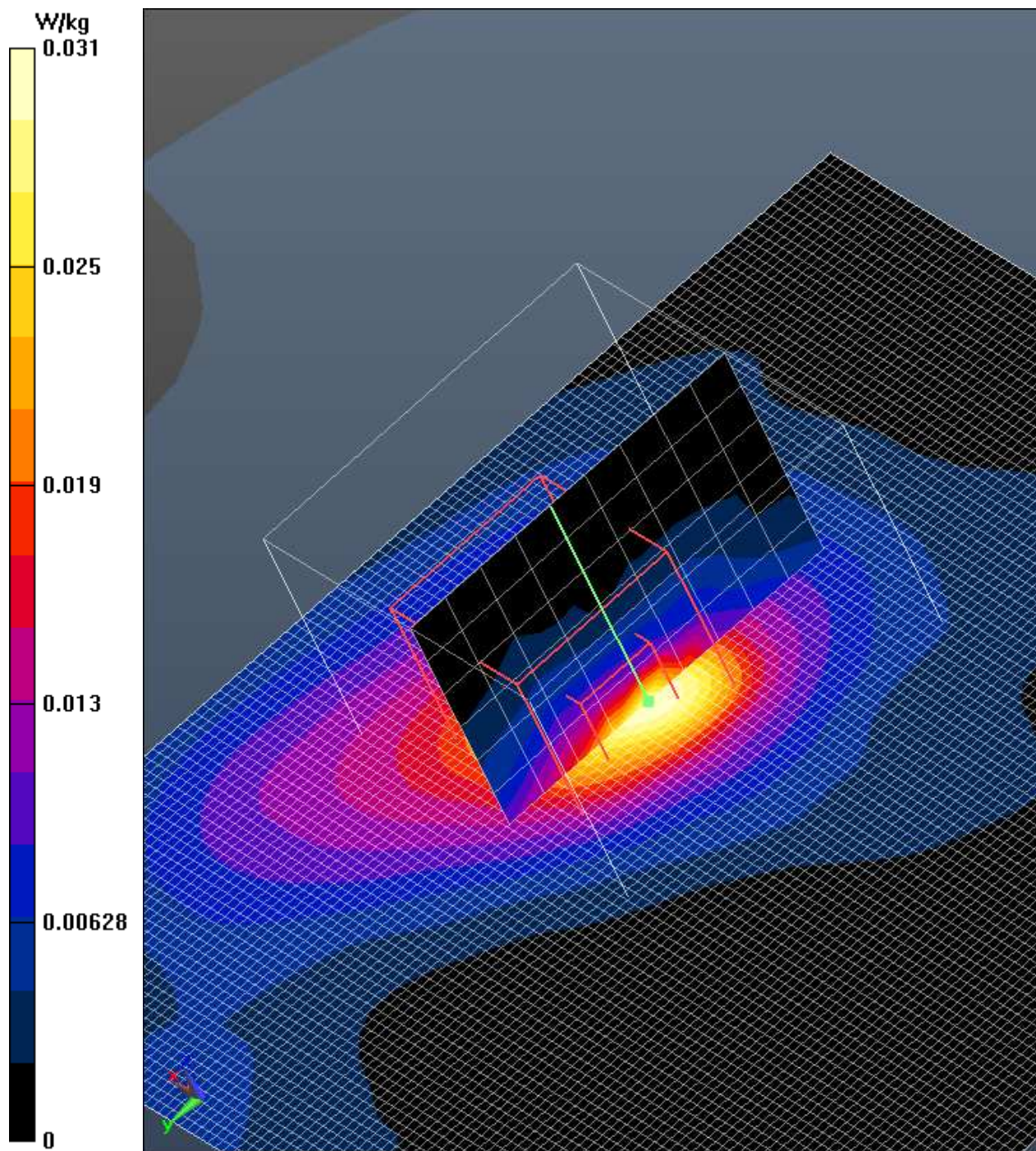
WWAN Flat-Section MSL Testing 2/In Pouch Bluetooth Mid Front Side 2/Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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): $f = 2440 \text{ MHz}$; $\sigma = 2.036 \text{ S/m}$; $\epsilon_r = 50.67$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (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: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

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: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

