

## Appendix A

### SAR Plot 1

Date/Time: 4/21/2014 3:35:09 PM

Test Laboratory: Intertek

File Name: [GSM 1900.da52:4](#)

### GSM 1900

Procedure Notes: Back Side- High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic GSM 2 Slot (0); Communication System Band: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.36516

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  S/m;  $\epsilon_r = 53.028$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.10 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

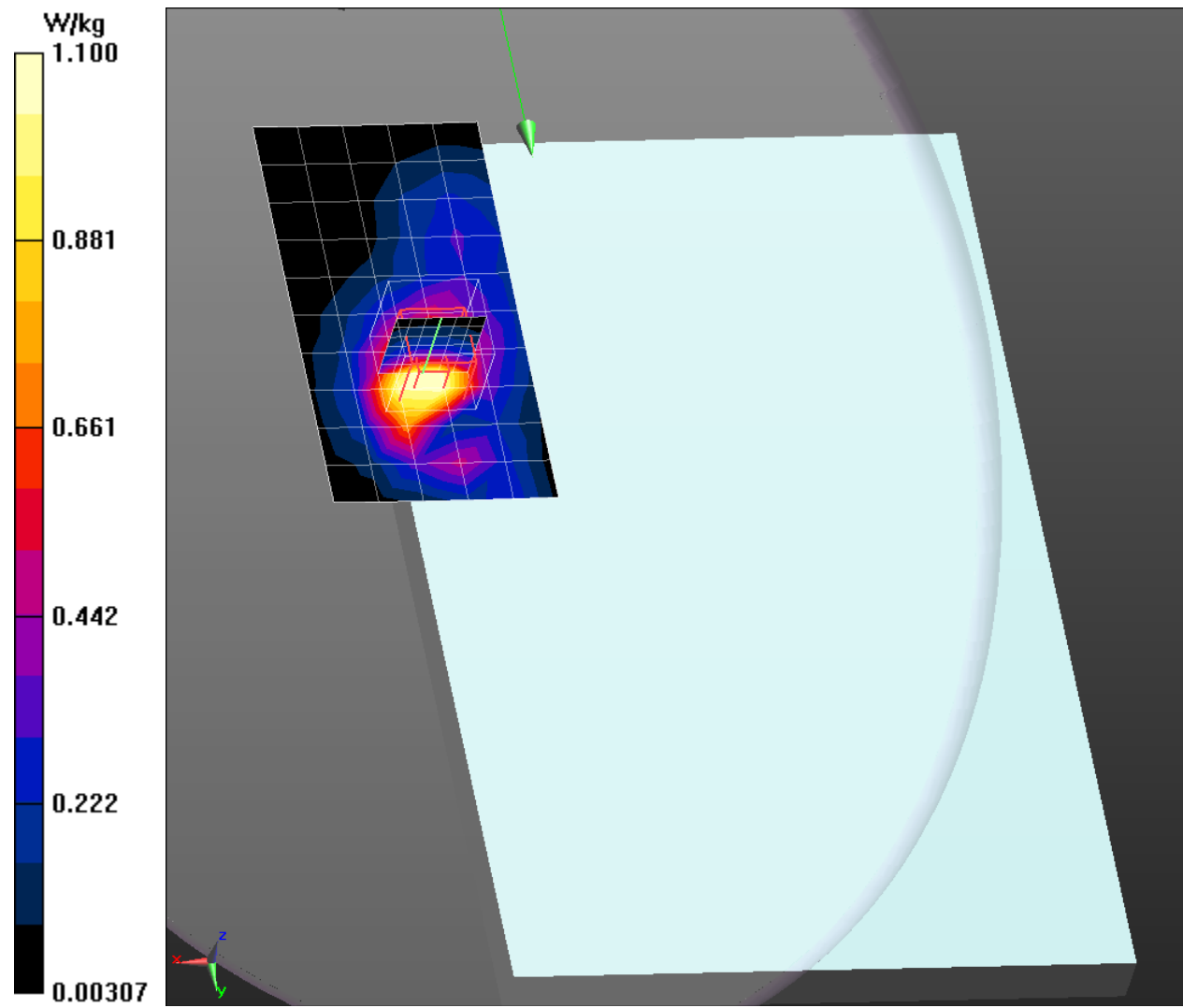
Reference Value = 14.158 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.541 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg

SAR Plot 2



## SAR Plot 3

Date/Time: 4/23/2014 1:22:26 PM

Test Laboratory: Intertek

File Name: [UMTS Band II.da52:4](#)

## UMTS Band II

Procedure Notes: Back Side - Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band II;  
Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.179$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Low Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.37 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Low Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 18.666 V/m; Power Drift = 0.13 dB

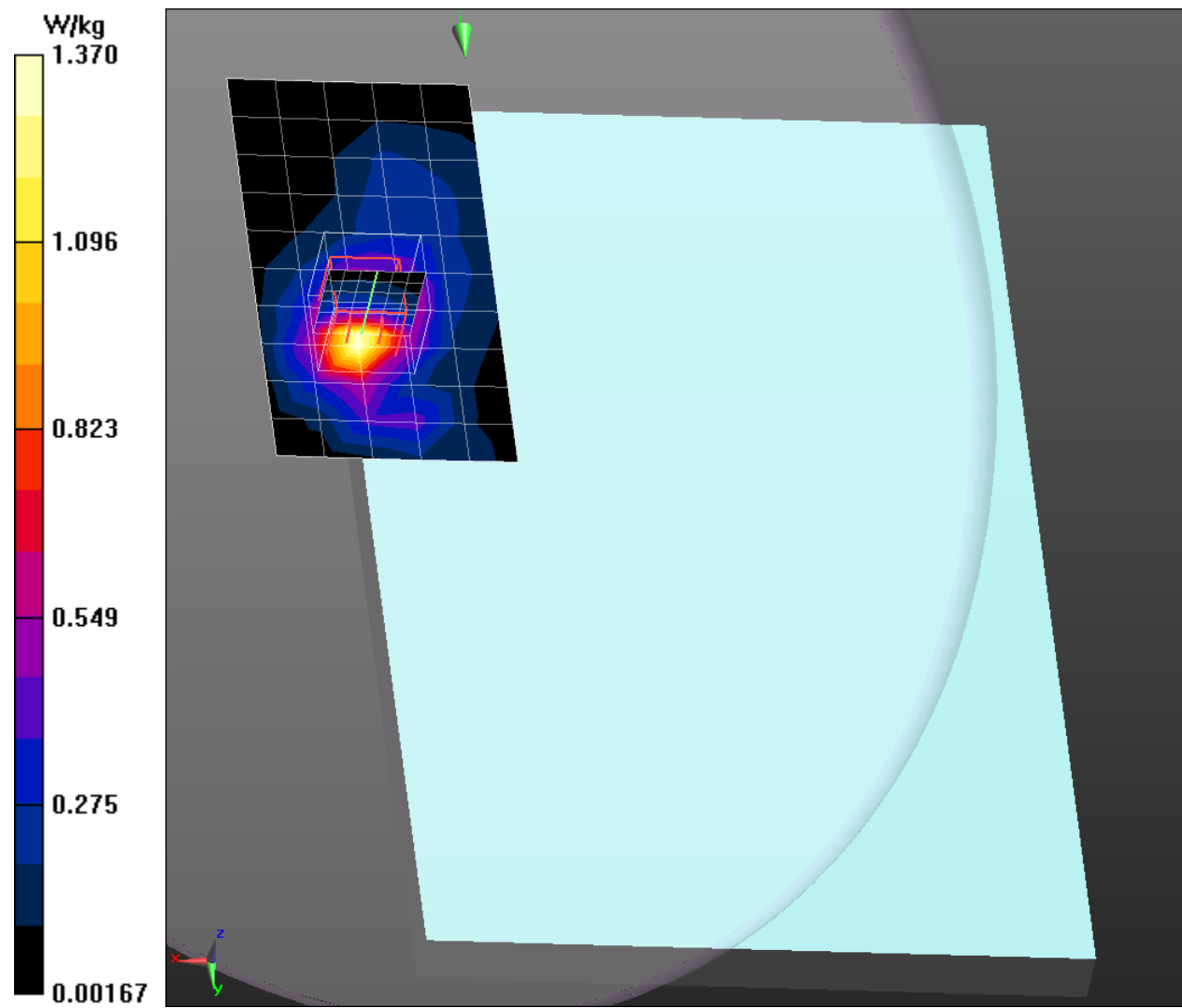
Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.549 W/kg**

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

Maximum value of SAR (measured) = 1.50 W/kg

SAR Plot 2



## SAR Plot 4

Date/Time: 4/24/2014 11:55:38 AM

Test Laboratory: Intertek

File Name: [CDMA BC1.da52:4](#)

## CDMA BC1

Procedure Notes: Back Side- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ S/m}$ ;  $\epsilon_r = 53.52$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Area Scan (6x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 1.97 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

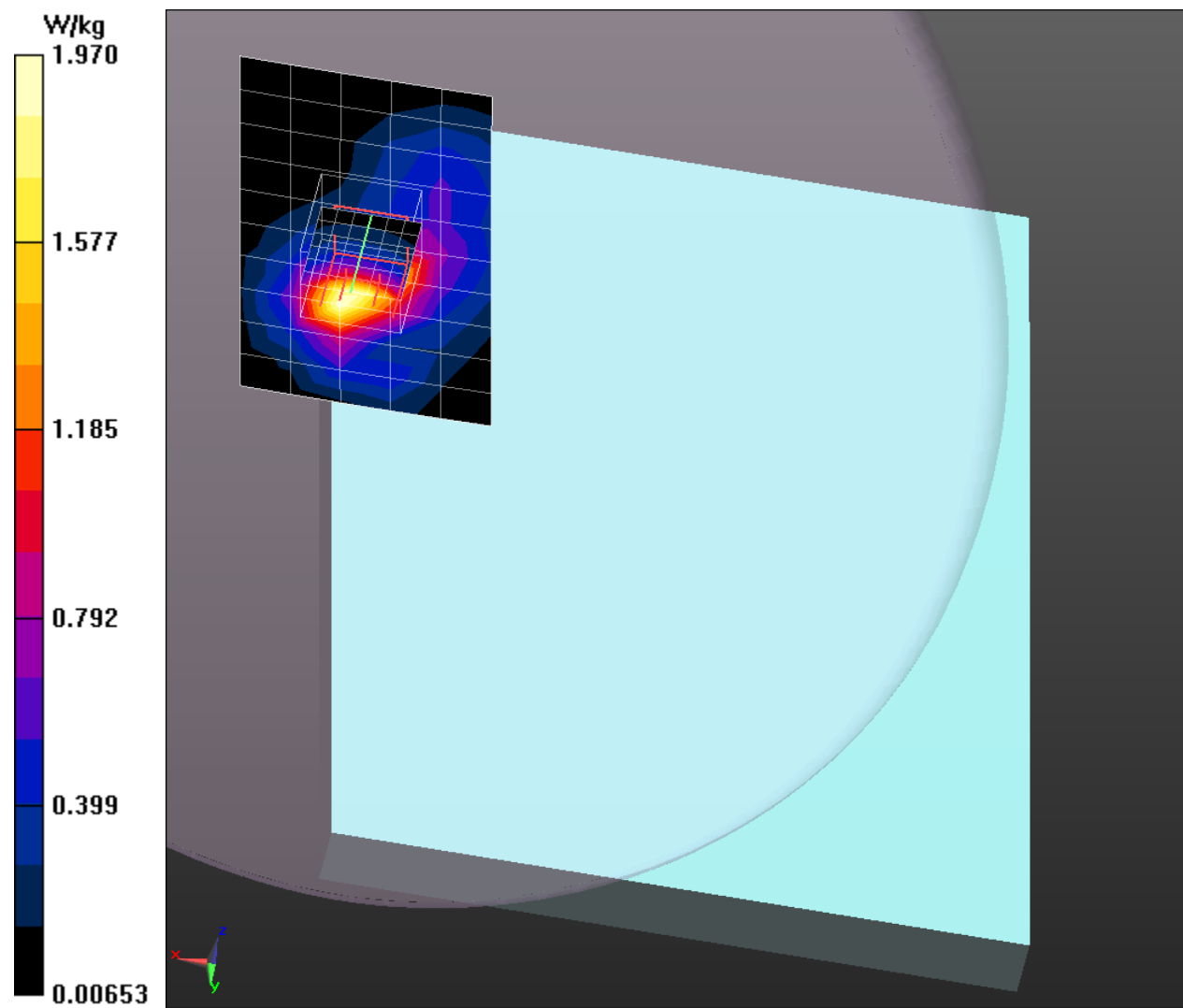
Reference Value = 20.971 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.837 W/kg**

Maximum value of SAR (measured) = 2.22 W/kg

SAR Plot 5



## SAR Plot 6

Date/Time: 4/25/2014 11:15:43 AM

Test Laboratory: Intertek

File Name: [LTE Band II 4.25.14.da52:4](#)

## LTE Band II 1RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ S/m}$ ;  $\epsilon_r = 51.539$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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:xxxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=99/Area Scan (6x11x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.20 W/kg

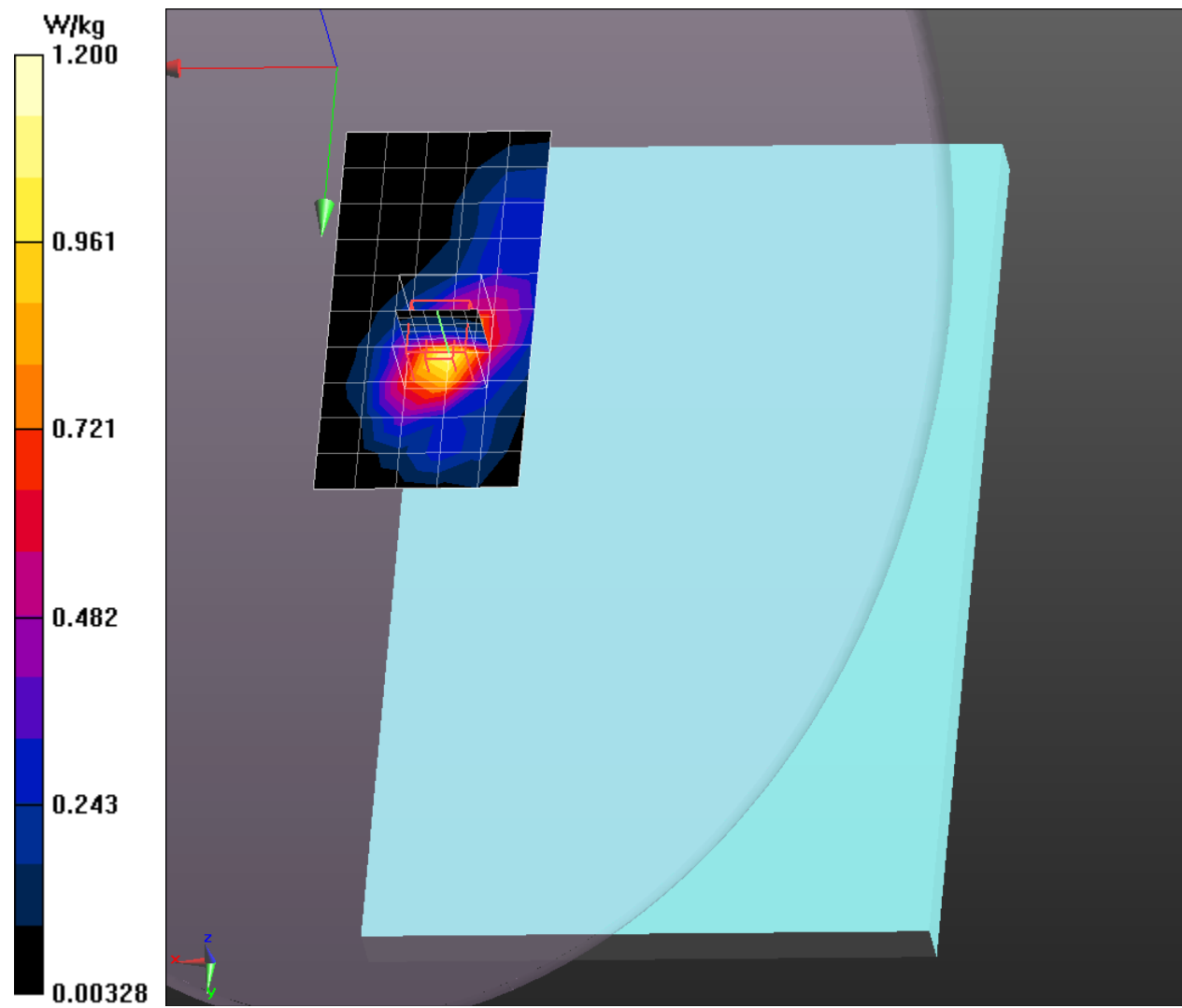
**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=99/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.288 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.479 W/kg**  
Maximum value of SAR (measured) = 1.27 W/kg

**SAR Plot 7**





## SAR Plot 8

Date/Time: 4/28/2014 1:10:38 PM

Test Laboratory: Intertek

File Name: [LTE Band II 50 RB 4.28.14.da52:4](#)

### LTE Band II 50 RB

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.553$  S/m;  $\epsilon_r = 52.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 50RB, Offset=49/Area Scan (6x11x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.953 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 50RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:**

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

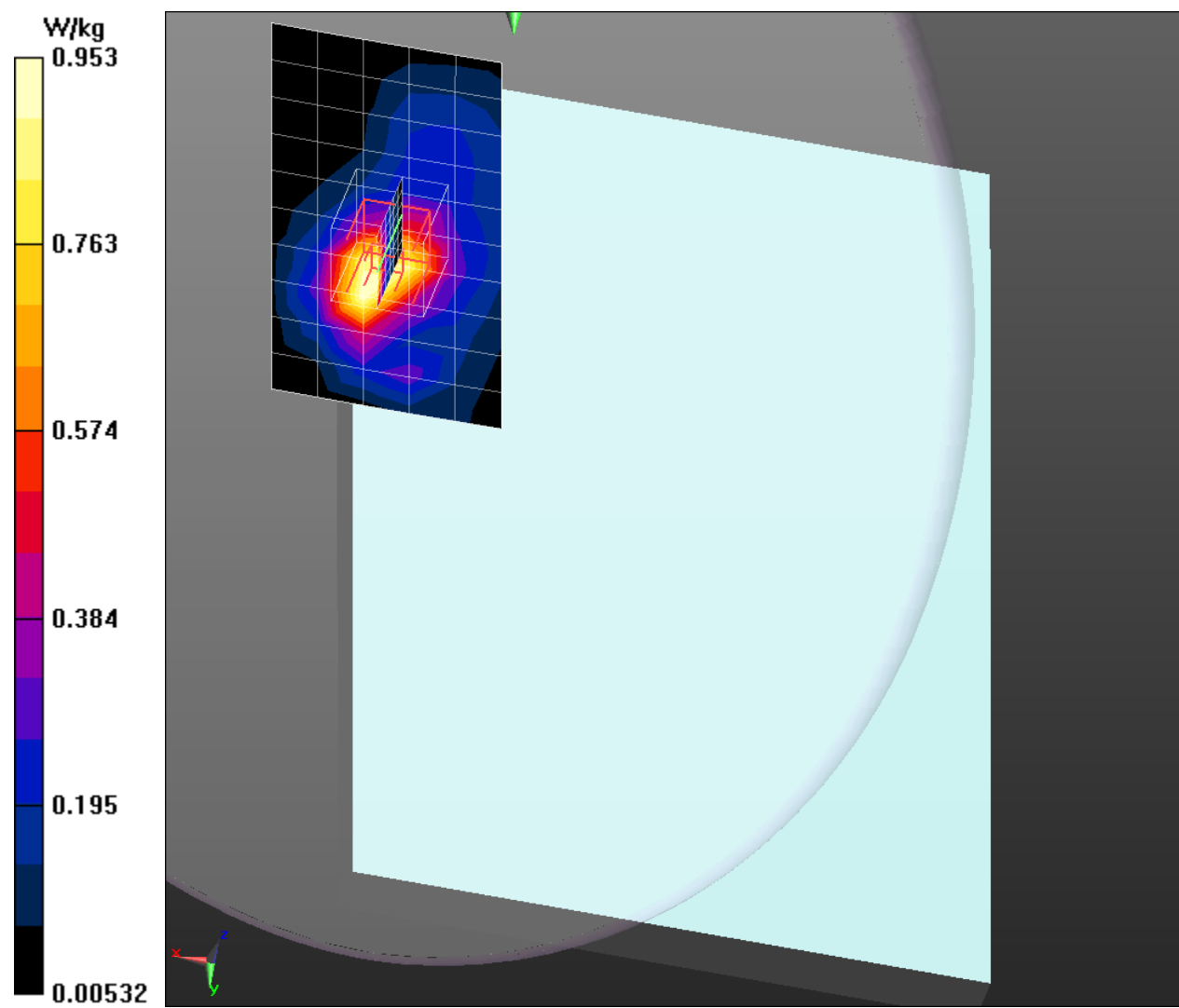
Reference Value = 16.148 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg

**SAR Plot 9**



## SAR Plot 10

Date/Time: 4/28/2014 5:14:09 PM

Test Laboratory: Intertek

File Name: [LTE Band II 100 Percent RB 4.28.14.da52:4](#)

### LTE Band II 100 RB

Procedure Notes: Top Edge - Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 52.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom, 100RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.695 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom, 100RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

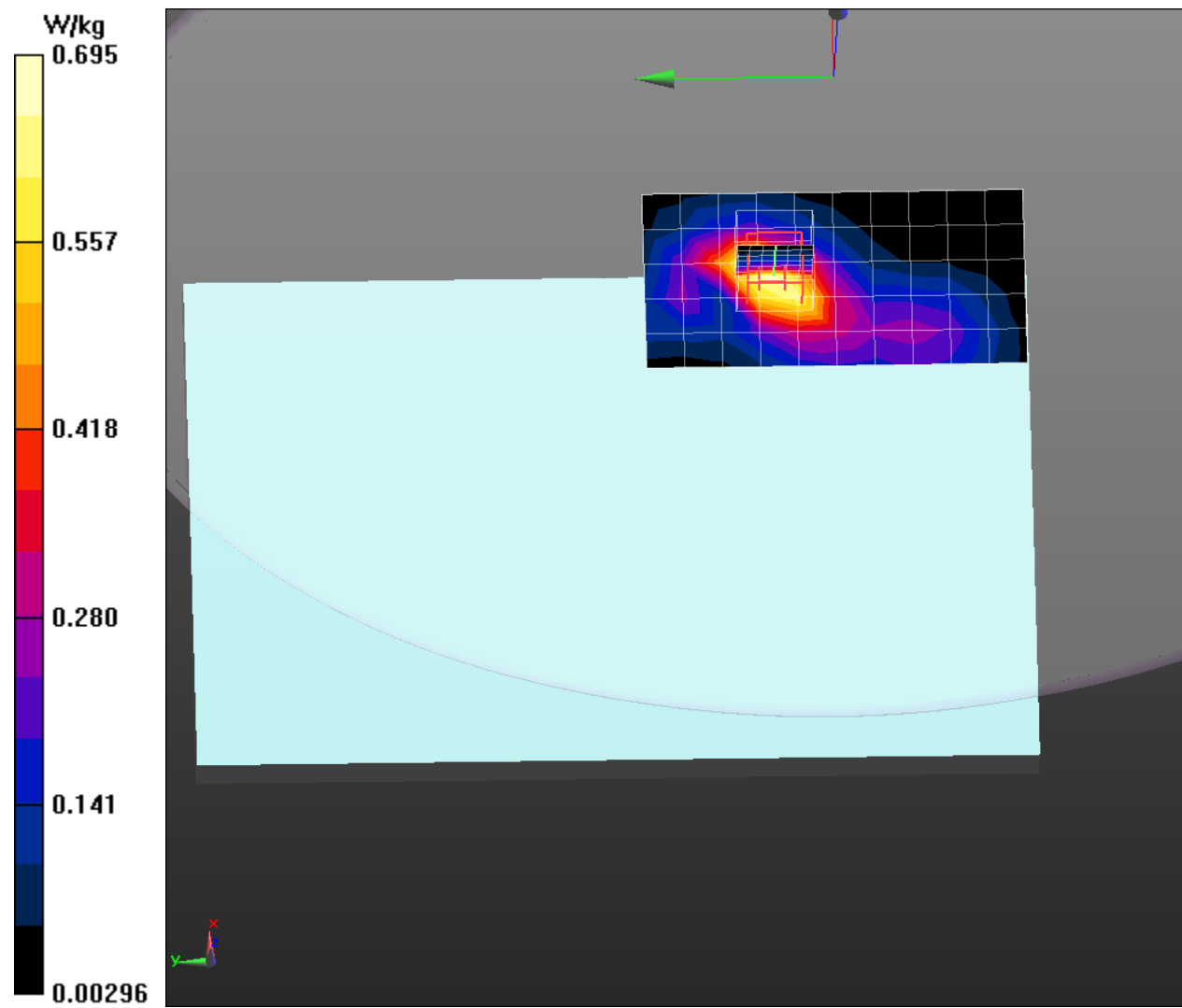
Reference Value = 12.000 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.933 W/kg

**SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 0.788 W/kg

SAR Plot 11



## SAR Plot 12

Date/Time: 5/5/2014 11:13:18 AM

Test Laboratory: Intertek

File Name: [LTE Band 25 1RB 1.da52:4](#)

### LTE Band 25 1RB

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.576$  S/m;  $\epsilon_r = 51.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 1RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.938 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.412 V/m; Power Drift = 0.03 dB

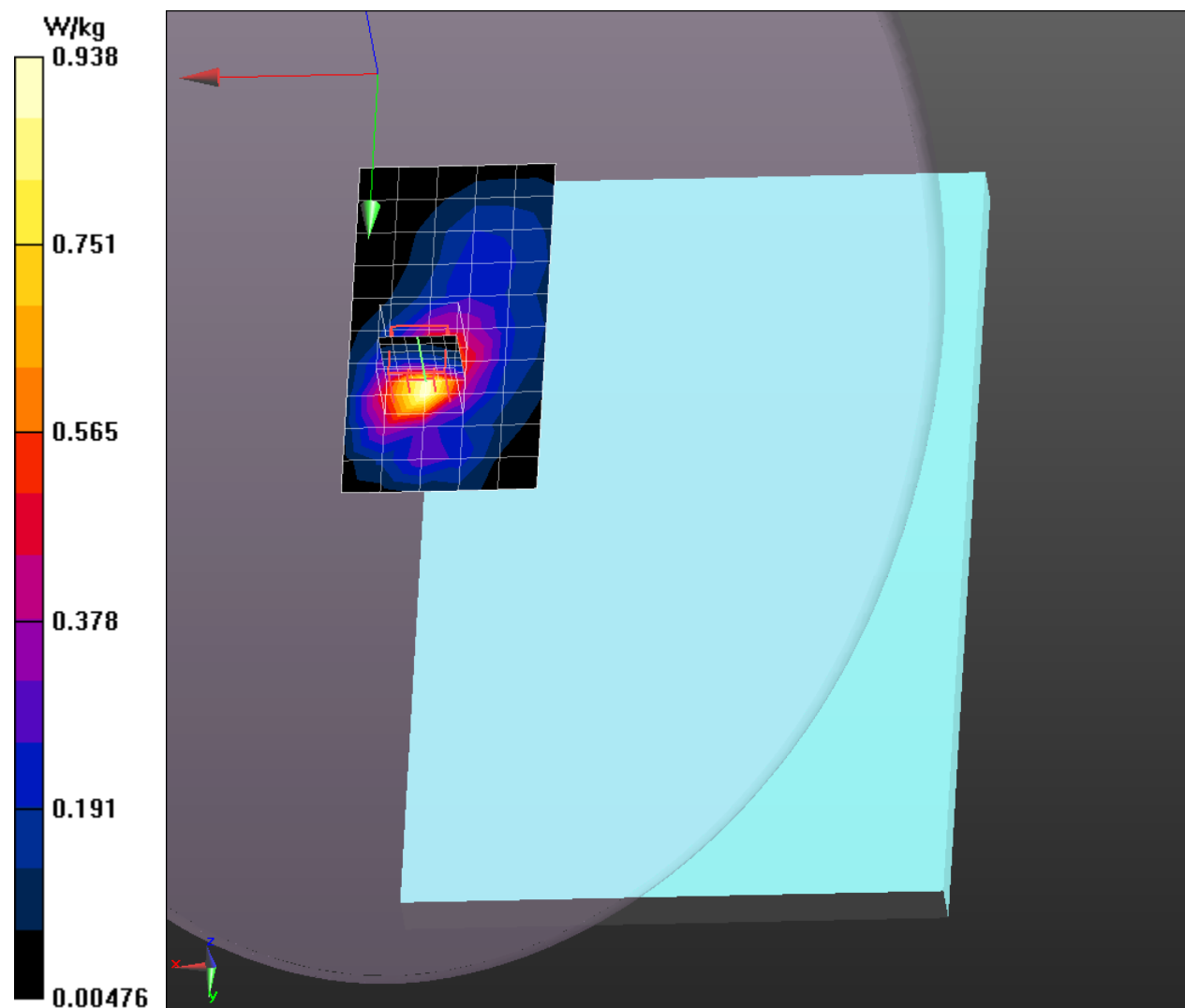
Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.399 W/kg**

**Info:** Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.09 W/kg

### SAR Plot 13



## SAR Plot 14

Date/Time: 5/3/2014 12:16:48 AM

Test Laboratory: Intertek

File Name: [LTE Band 25 50 RB.da52:4](#)

### LTE Band 25 50 RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 52.191$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=49/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

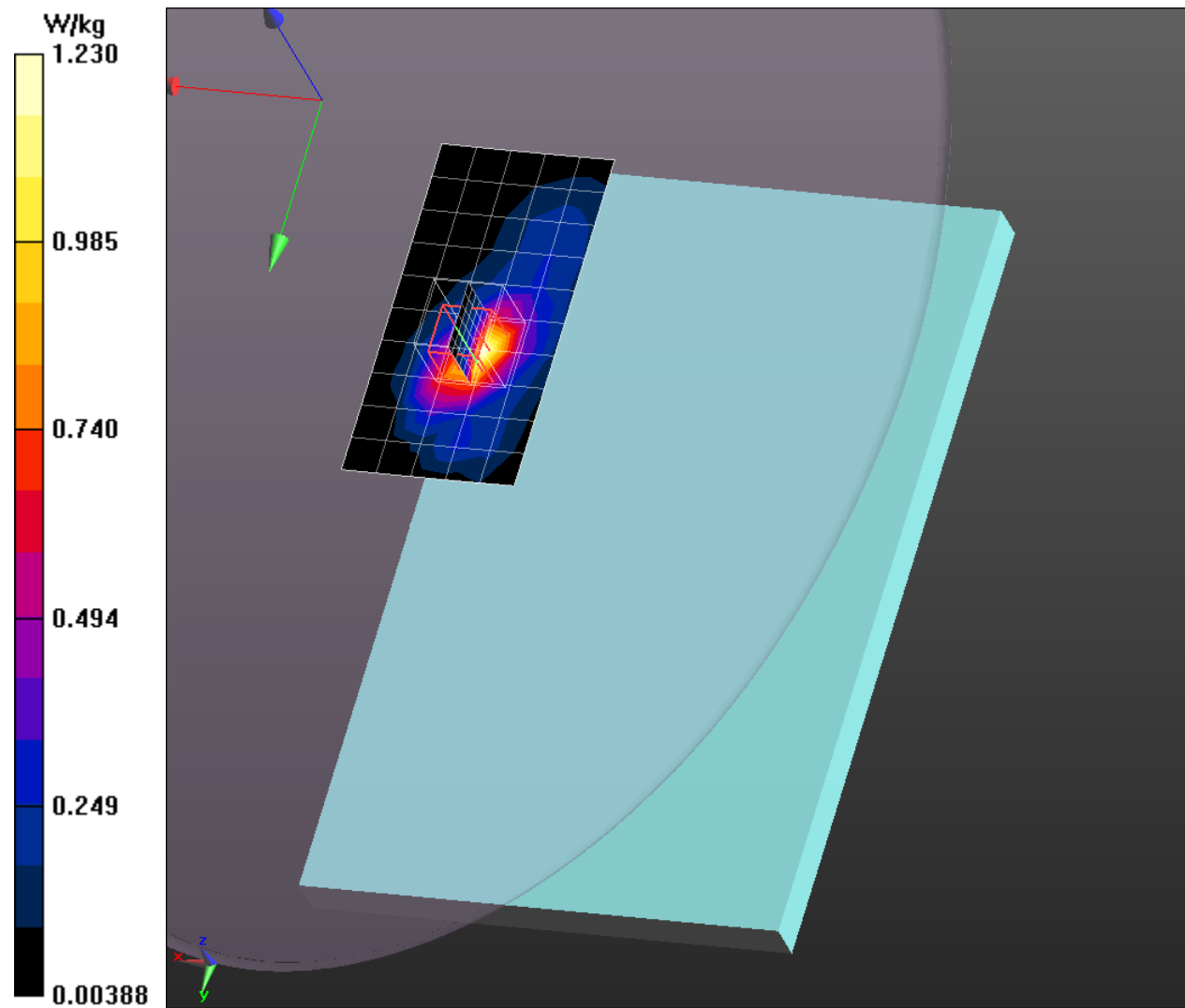
Maximum value of SAR (measured) = 1.23 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 13.322 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 1.58 W/kg  
**SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.475 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.31 W/kg

### SAR Plot 15





## SAR Plot 16

Date/Time: 5/2/2014 8:14:54 PM

Test Laboratory: Intertek

File Name: [LTE Band 25 100Percent RB.da52:4](#)

### LTE Band 25 100 RB

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.588$  S/m;  $\epsilon_r = 52.108$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 100RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel, 100RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:**

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

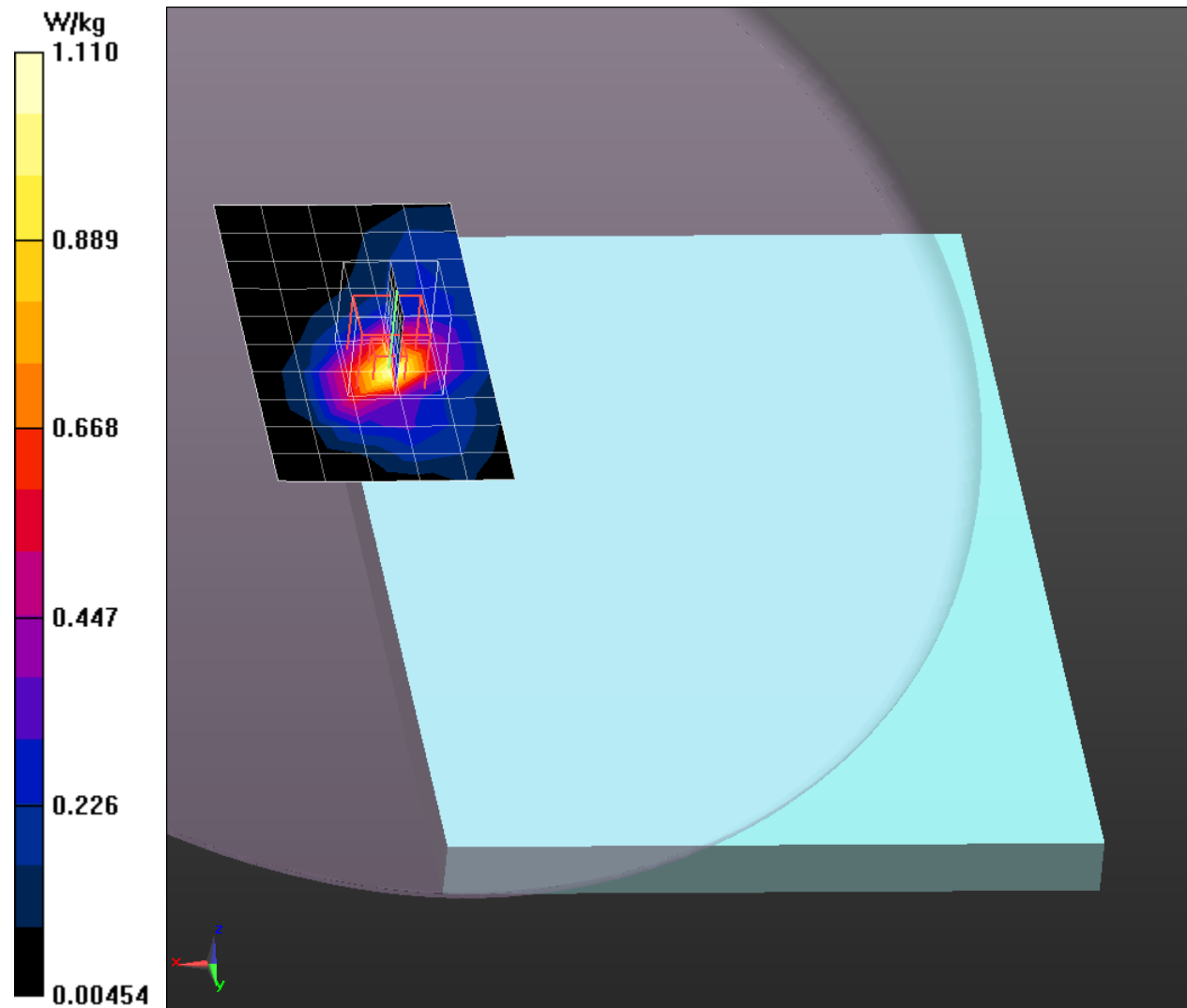
Reference Value = 13.698 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.31 W/kg  
**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.409 W/kg**

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

Maximum value of SAR (measured) = 1.12 W/kg

### SAR Plot 17



## SAR Plot 18

Date/Time: 4/29/2014 11:15:10 AM

Test Laboratory: Intertek

File Name: [LTE Band IV 1RB.da52:4](#)

### LTE Band IV 1RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.46$  S/m;  $\epsilon_r = 51.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.15 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.080 V/m; Power Drift = -0.05 dB

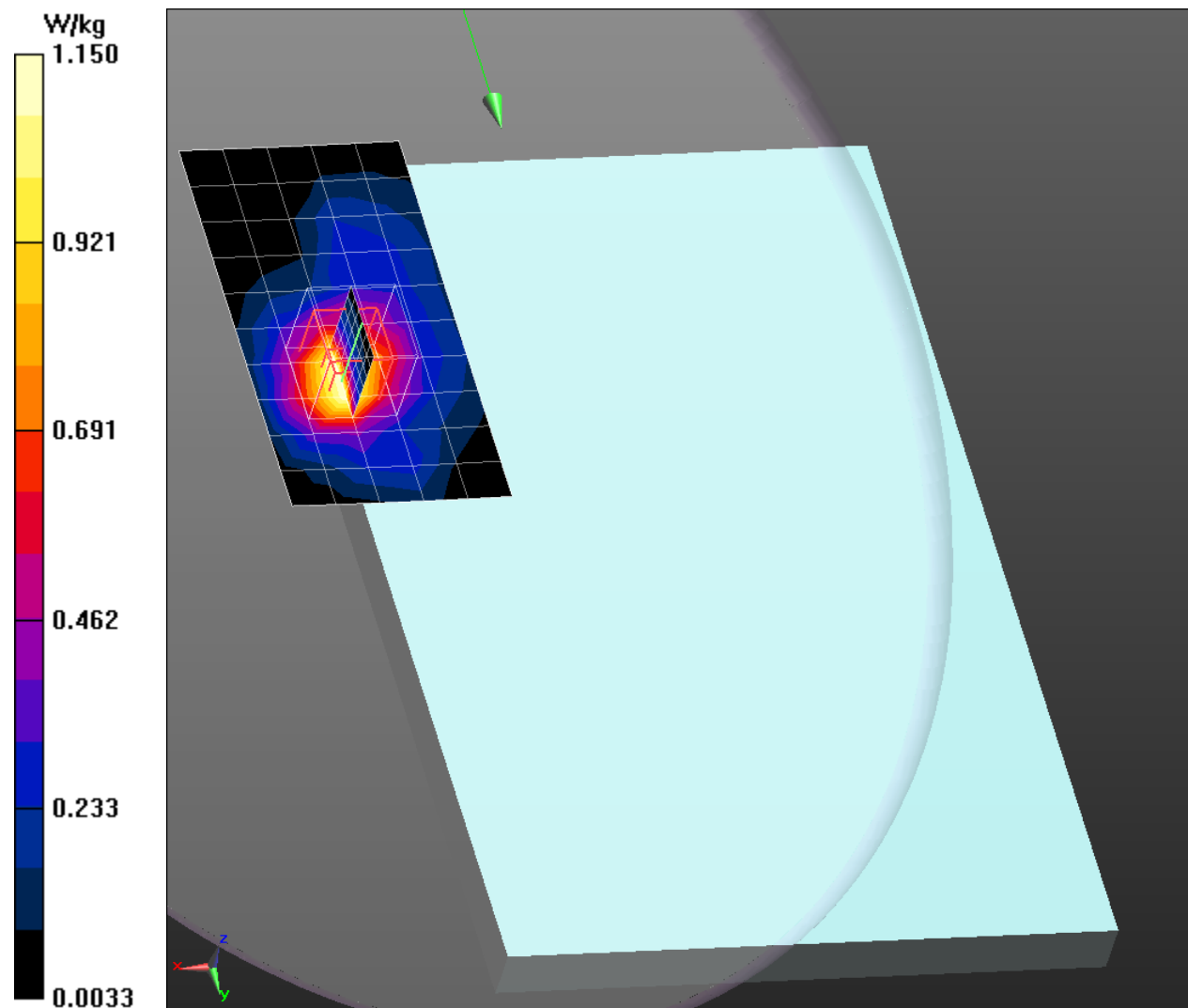
Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.521 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.30 W/kg

**SAR Plot 19**



## SAR Plot 20

Date/Time: 4/29/2014 11:39:14 AM

Test Laboratory: Intertek

File Name: [LTE Band IV 50RB .da52:4](#)

### LTE Band IV 50RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.46$  S/m;  $\epsilon_r = 51.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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:xxxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=24/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=24/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.525 V/m; Power Drift = -0.03 dB

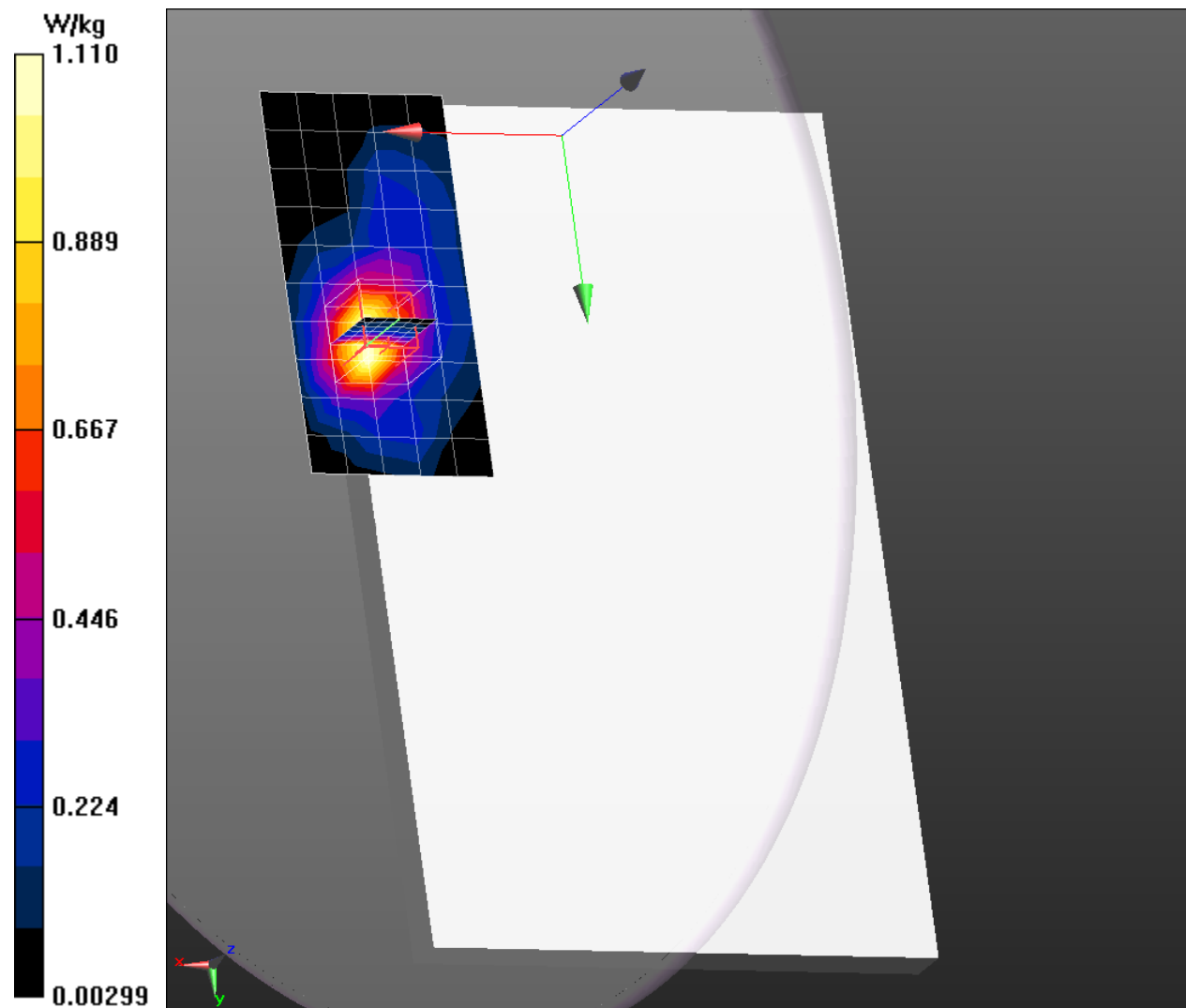
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.496 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.24 W/kg

### SAR Plot 21



## SAR Plot 22

Date/Time: 4/29/2014 12:02:39 PM

Test Laboratory: Intertek

File Name: [LTE Band IV 100RB.da52:4](#)

### LTE Band IV 100RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.46$  S/m;  $\epsilon_r = 51.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 100RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

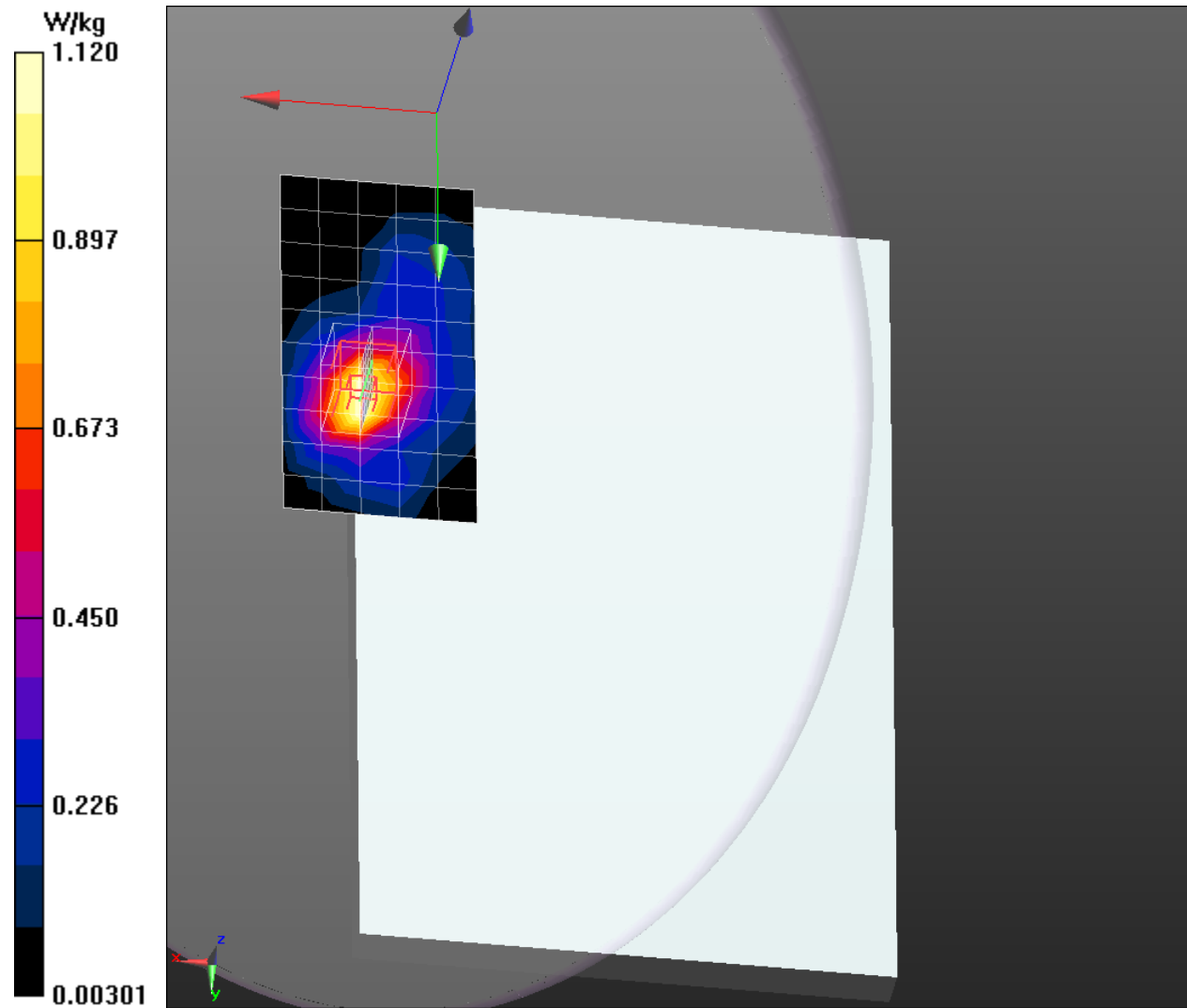
Maximum value of SAR (measured) = 1.12 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 100RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 19.592 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.501 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.26 W/kg

### SAR Plot 23





## SAR Plot 24

Date/Time: 4/29/2014 9:05:01 PM

Test Laboratory: Intertek

File Name: [UMTS Band IV.da52:4](#)

### UMTS Band IV

Procedure Notes: Back Side - Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band IV;  
Frequency: 1735.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1735.4$  MHz;  $\sigma = 1.463$  S/m;  $\epsilon_r = 51.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.45 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 20.438 V/m; Power Drift = 0.12 dB

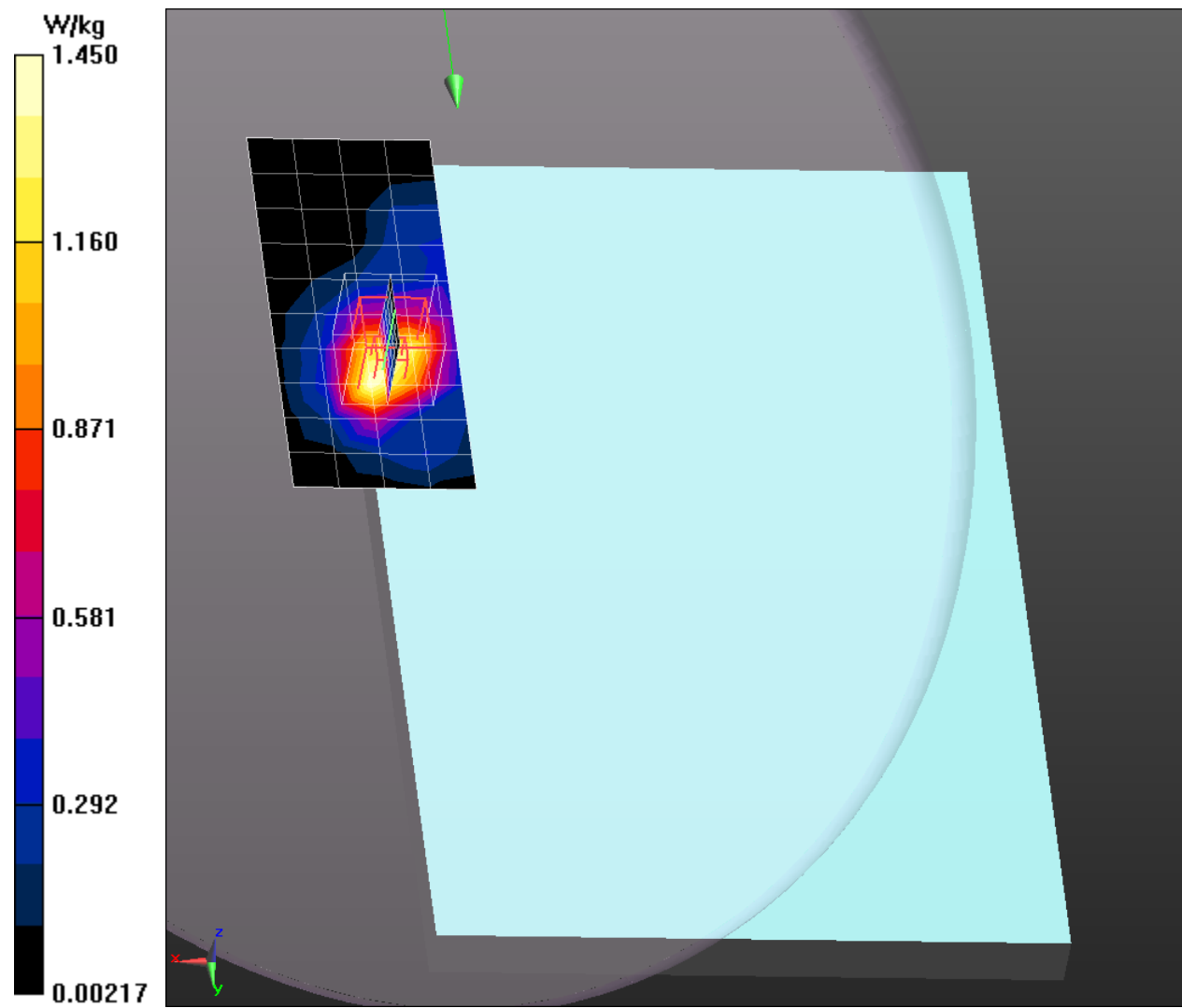
Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.668 W/kg**

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

Maximum value of SAR (measured) = 1.74 W/kg

SAR Plot 25



## SAR Plot 26

Date/Time: 4/30/2014 11:18:00 AM

Test Laboratory: Intertek

File Name: [CDMA BC0.da52:4](#)

### CDMA BC0

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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;  $\sigma = 1.011$  S/m;  $\epsilon_r = 54.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.34 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 27.059 V/m; Power Drift = -0.17 dB

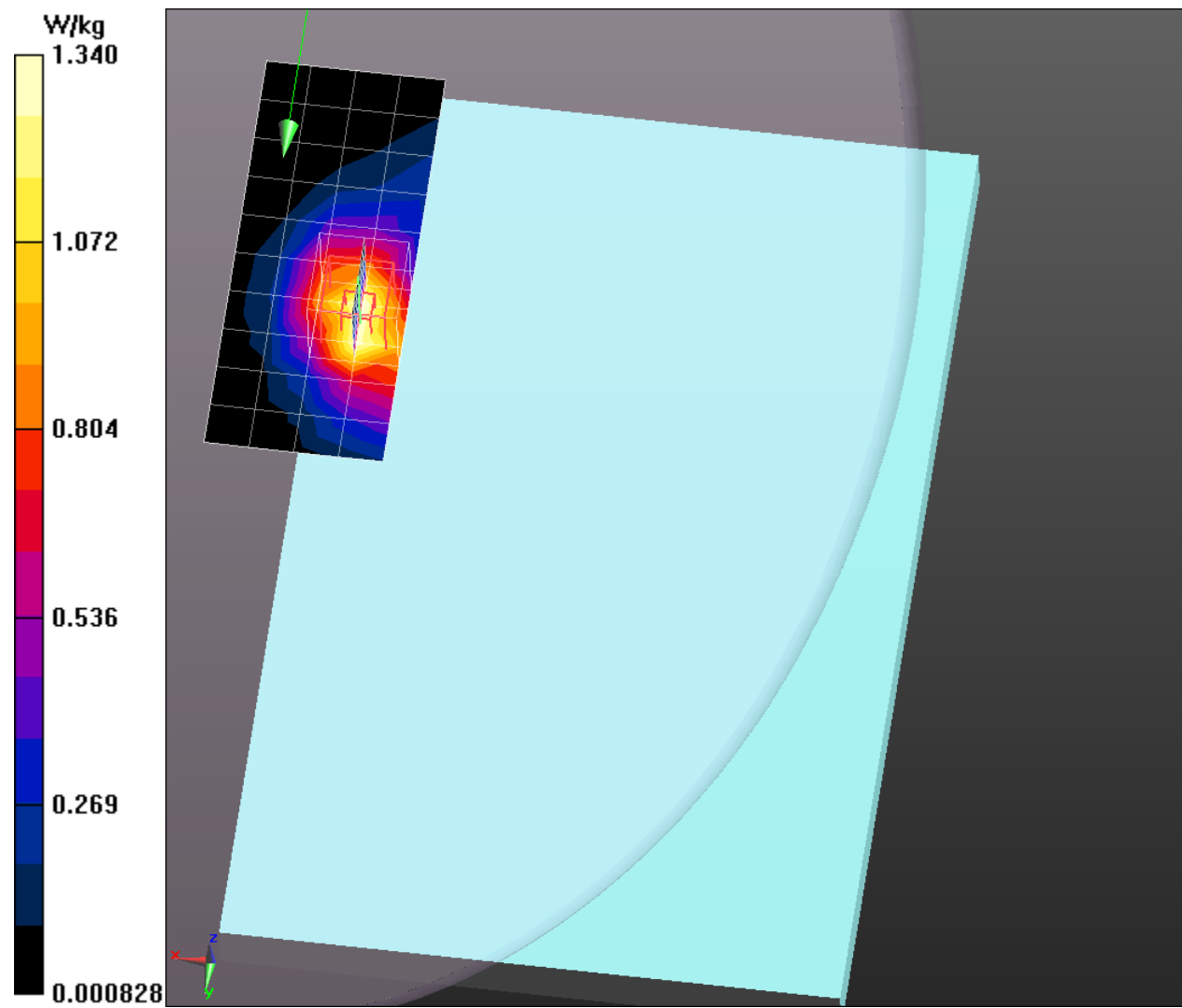
Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.652 W/kg**

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

Maximum value of SAR (measured) = 1.51 W/kg

SAR Plot 27



## SAR Plot 28

Date/Time: 4/30/2014 12:03:05 PM

Test Laboratory: Intertek

File Name: [CDMA BC0.da52:4](#)

### CDMA BC0

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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;  $\sigma = 1.028$  S/m;  $\epsilon_r = 54.094$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.41 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.479 V/m; Power Drift = 0.03 dB

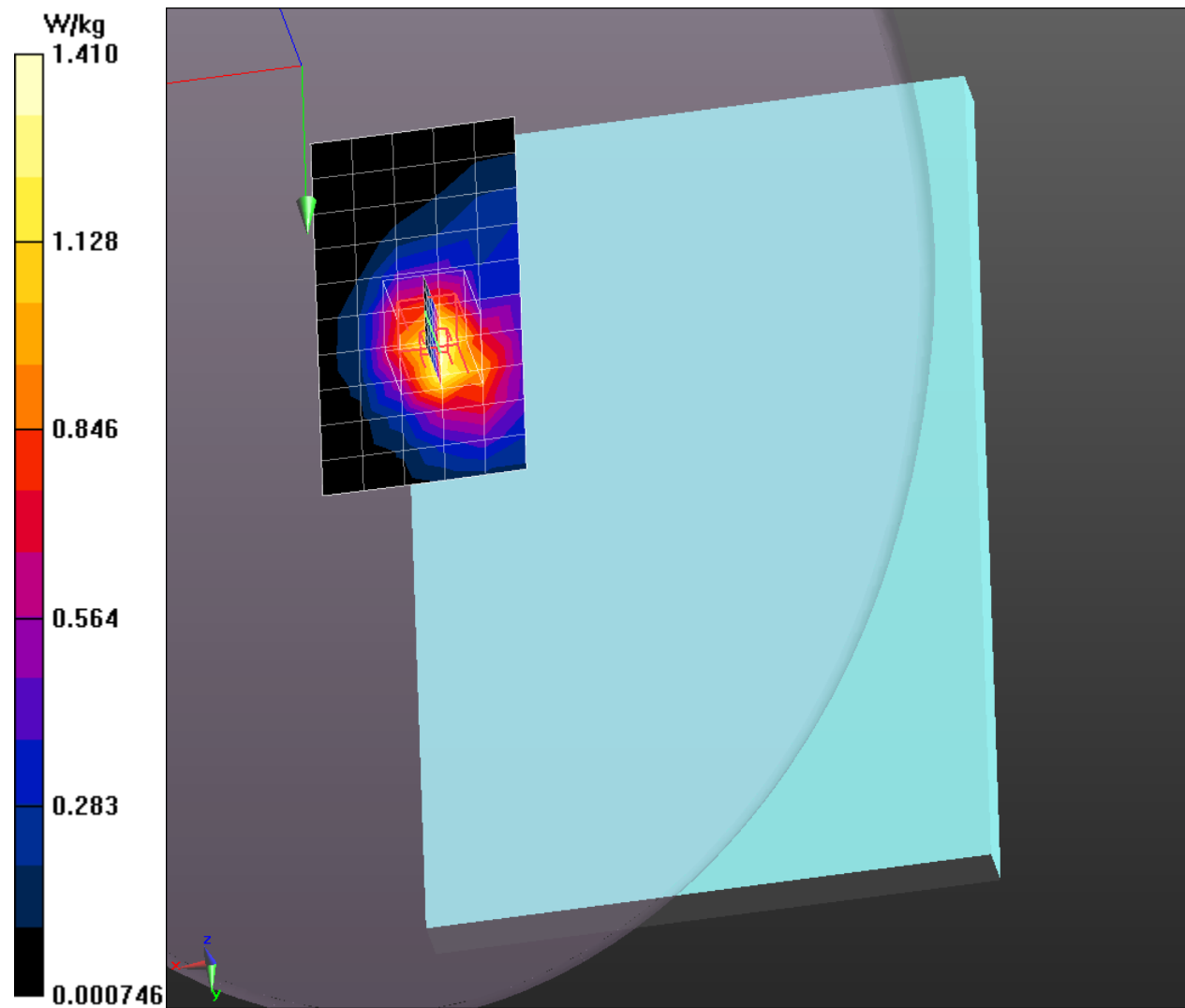
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.653 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.49 W/kg

### SAR Plot 29



## SAR Plot 30

Date/Time: 4/30/2014 11:45:24 PM

Test Laboratory: Intertek

File Name: [GSM 850.da52:4](#)

## GSM 850

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic GSM 2 Slot (0); Communication System Band: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.36516

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 1.028$  S/m;  $\epsilon_r = 54.09$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.27 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.260 V/m; Power Drift = -0.16 dB

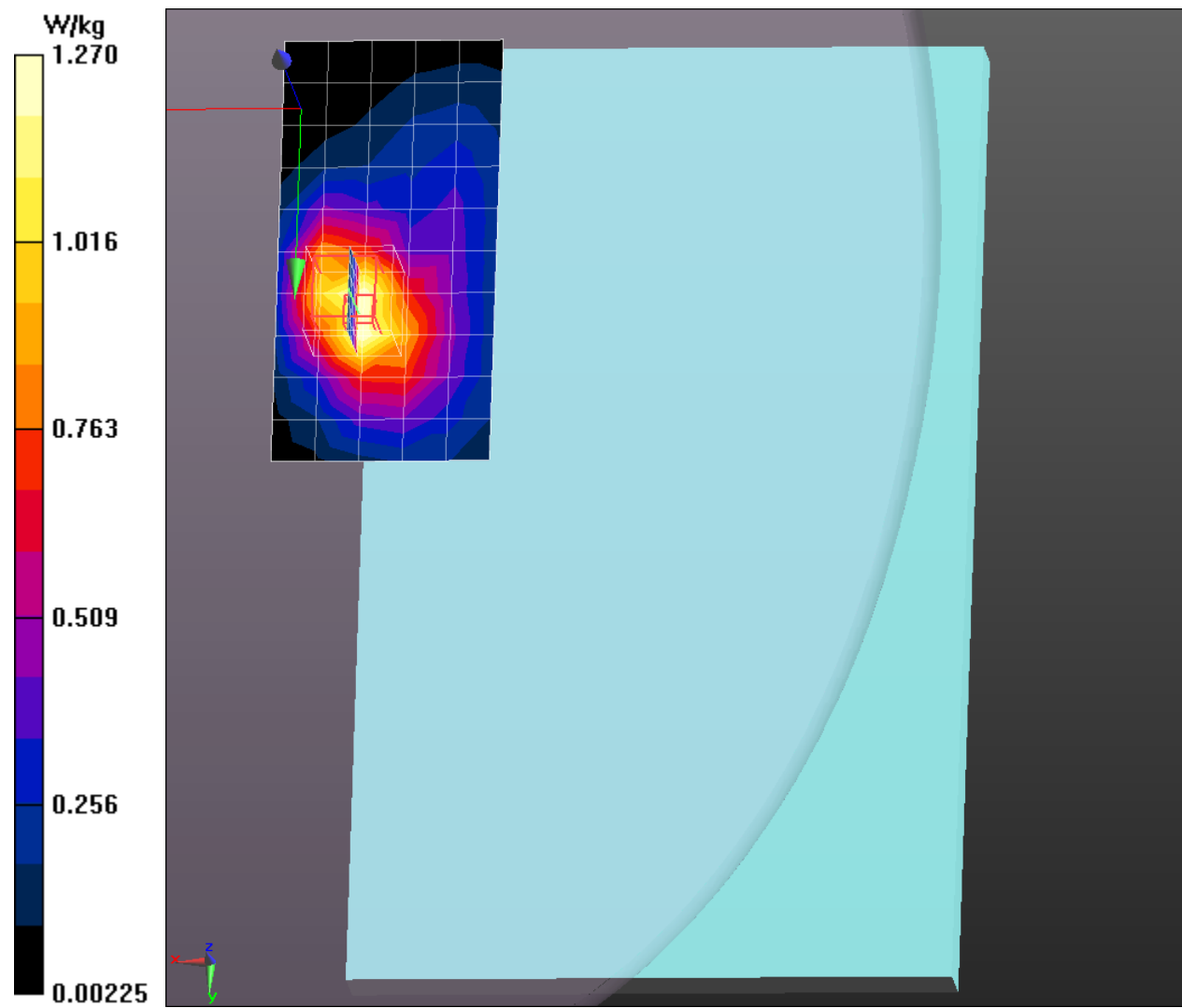
Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.648 W/kg**

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

Maximum value of SAR (measured) = 1.41 W/kg

SAR Plot 31





## SAR Plot 32

Date/Time: 4/30/2014 6:30:58 PM

Test Laboratory: Intertek

File Name: [UMTS Band V.da52:4](#)

### UMTS Band V

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band V;  
Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 54.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.01 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.254 V/m; Power Drift = 0.13 dB

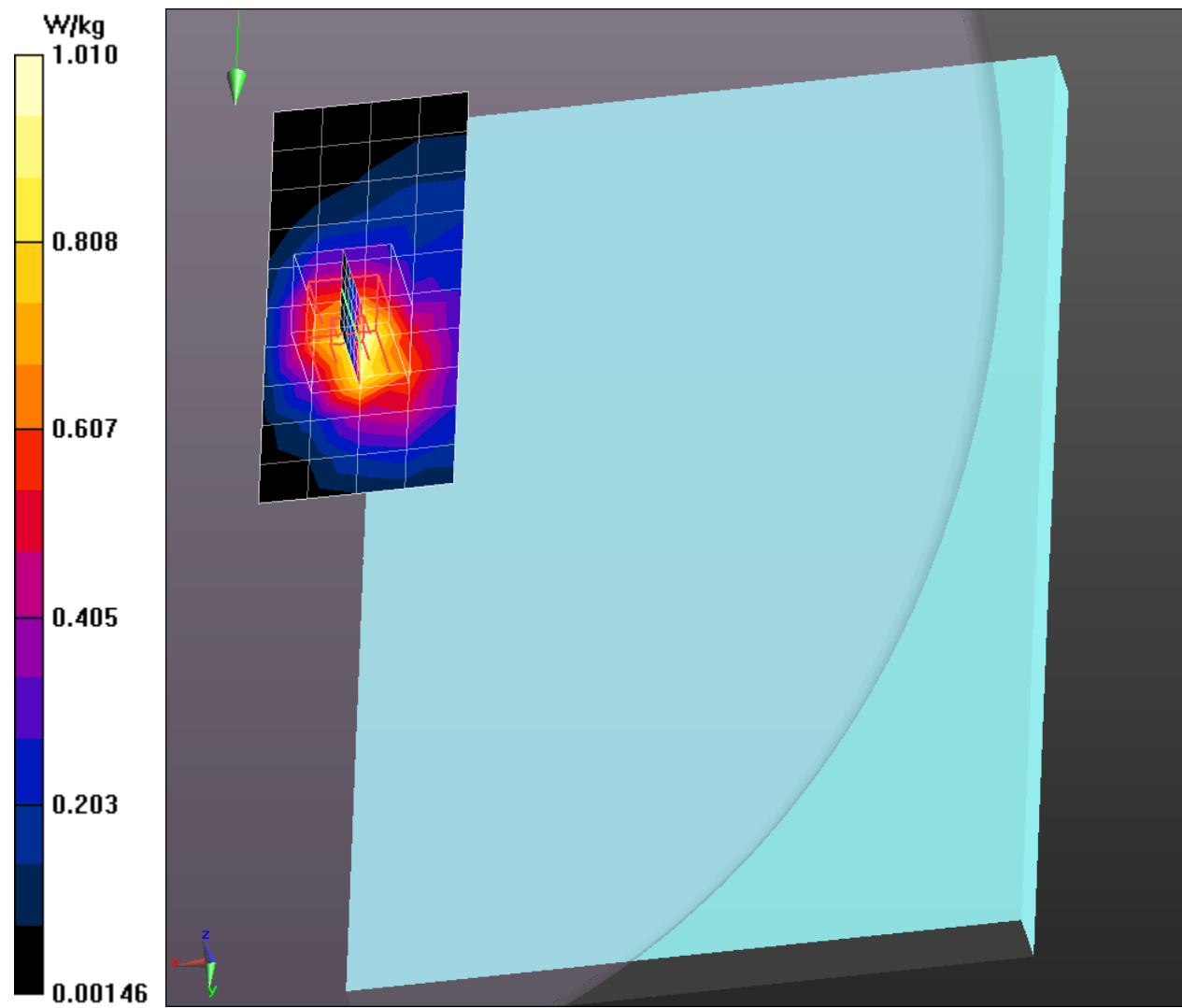
Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.466 W/kg**

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

Maximum value of SAR (measured) = 1.07 W/kg

SAR Plot 33



## SAR Plot 34

Date/Time: 4/30/2014 7:18:49 PM

Test Laboratory: Intertek

File Name: [UMTS Band V.da52:4](#)

## UMTS Band V

Procedure Notes: Back Side - High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band V;  
Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1.025$  S/m;  $\epsilon_r = 54.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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:xxxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.00 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.429 V/m; Power Drift = -0.10 dB

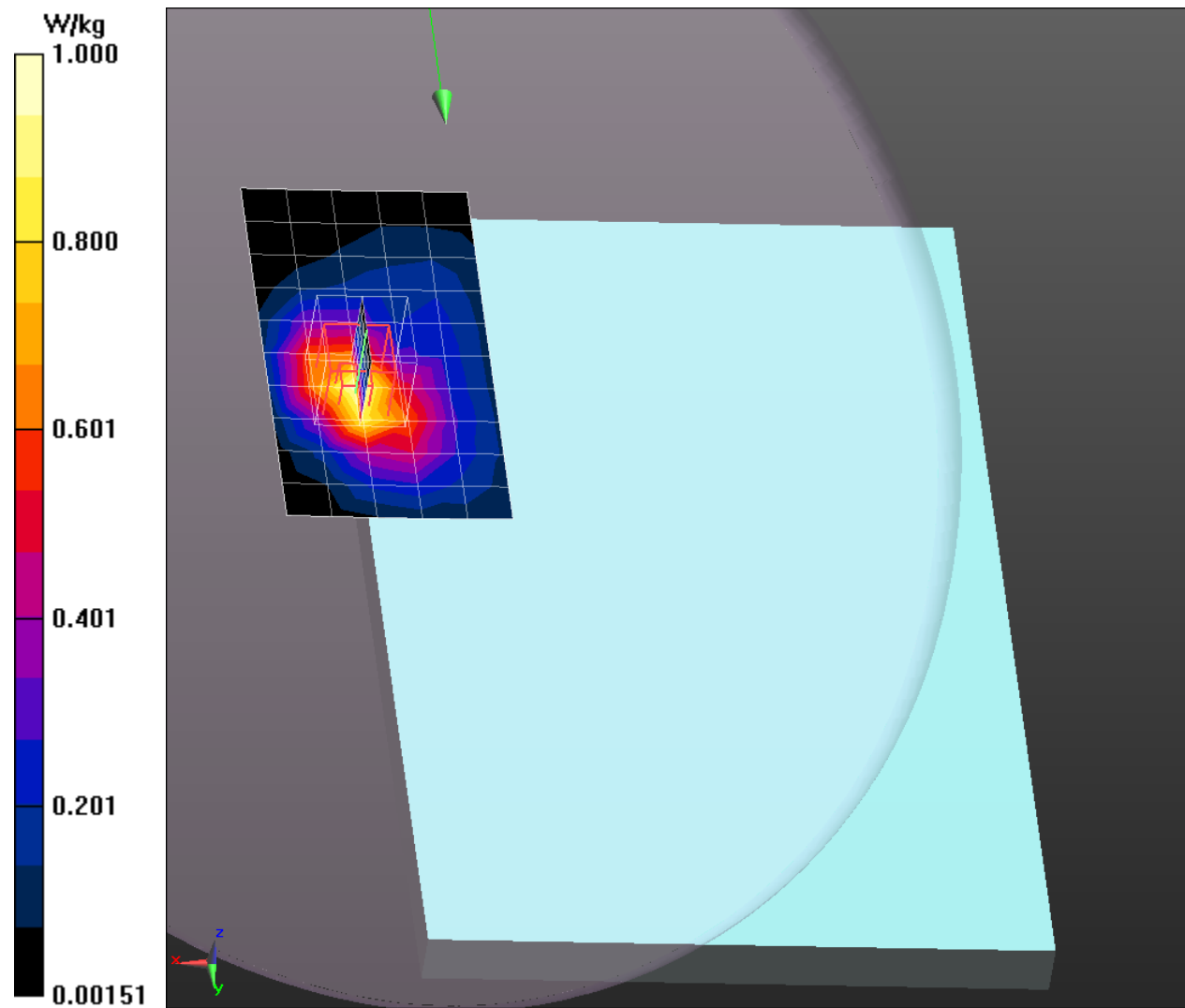
Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.455 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.07 W/kg

### SAR Plot 35



## SAR Plot 36

Date/Time: 5/1/2014 6:39:51 PM

Test Laboratory: Intertek

File Name: [LTE Band V 1RB.da52:4](#)

### LTE Band V 1RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 54.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=49/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.752 W/kg

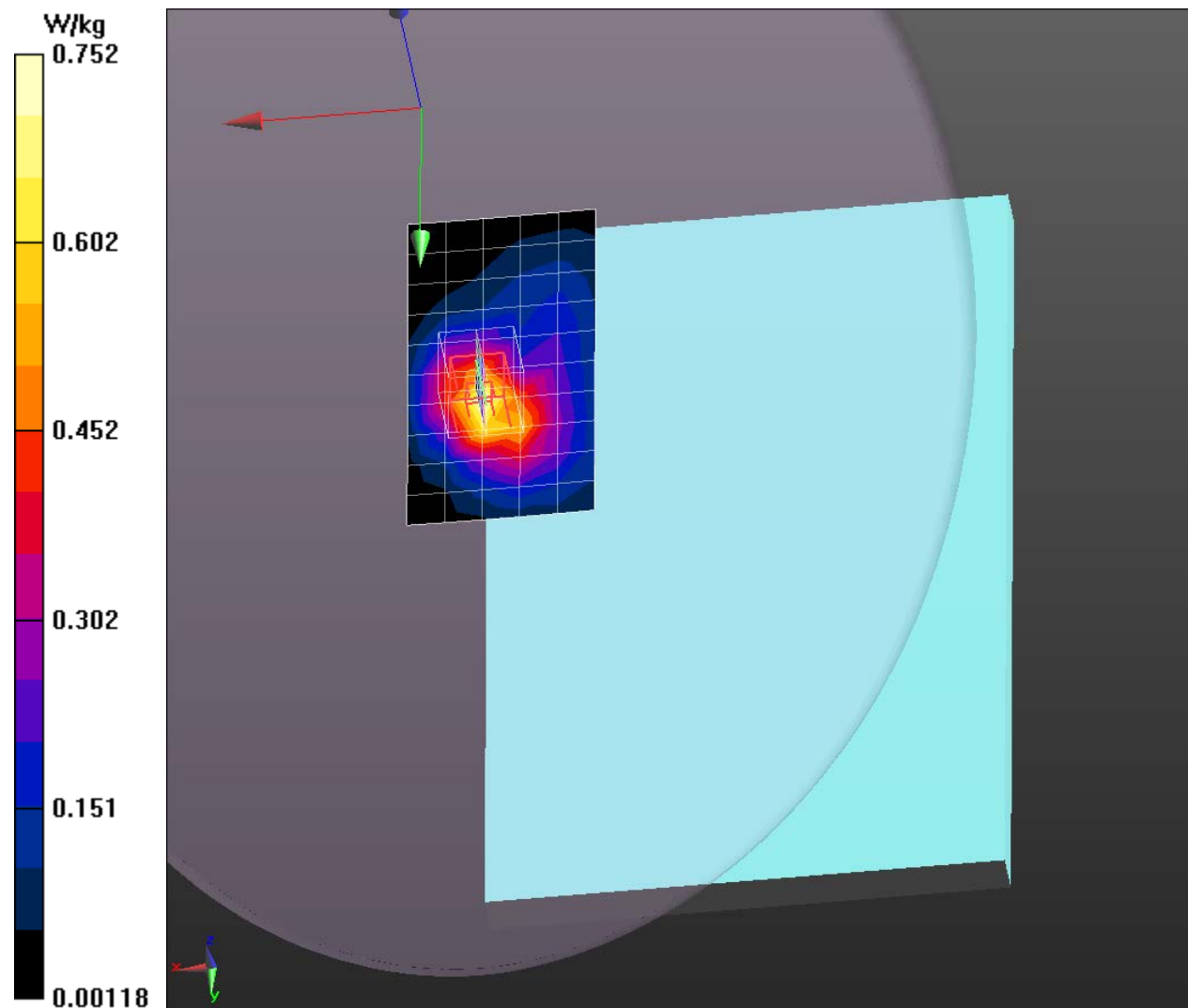
**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 21.702 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.889 W/kg  
**SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.343 W/kg**

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

Maximum value of SAR (measured) = 0.763 W/kg

### SAR Plot 37



## SAR Plot 20

Date/Time: 5/2/2014 8:44:22 AM

Test Laboratory: Intertek

File Name: [LTE Band V 25RB .da52:4](#)

### LTE Band V 25RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 54.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

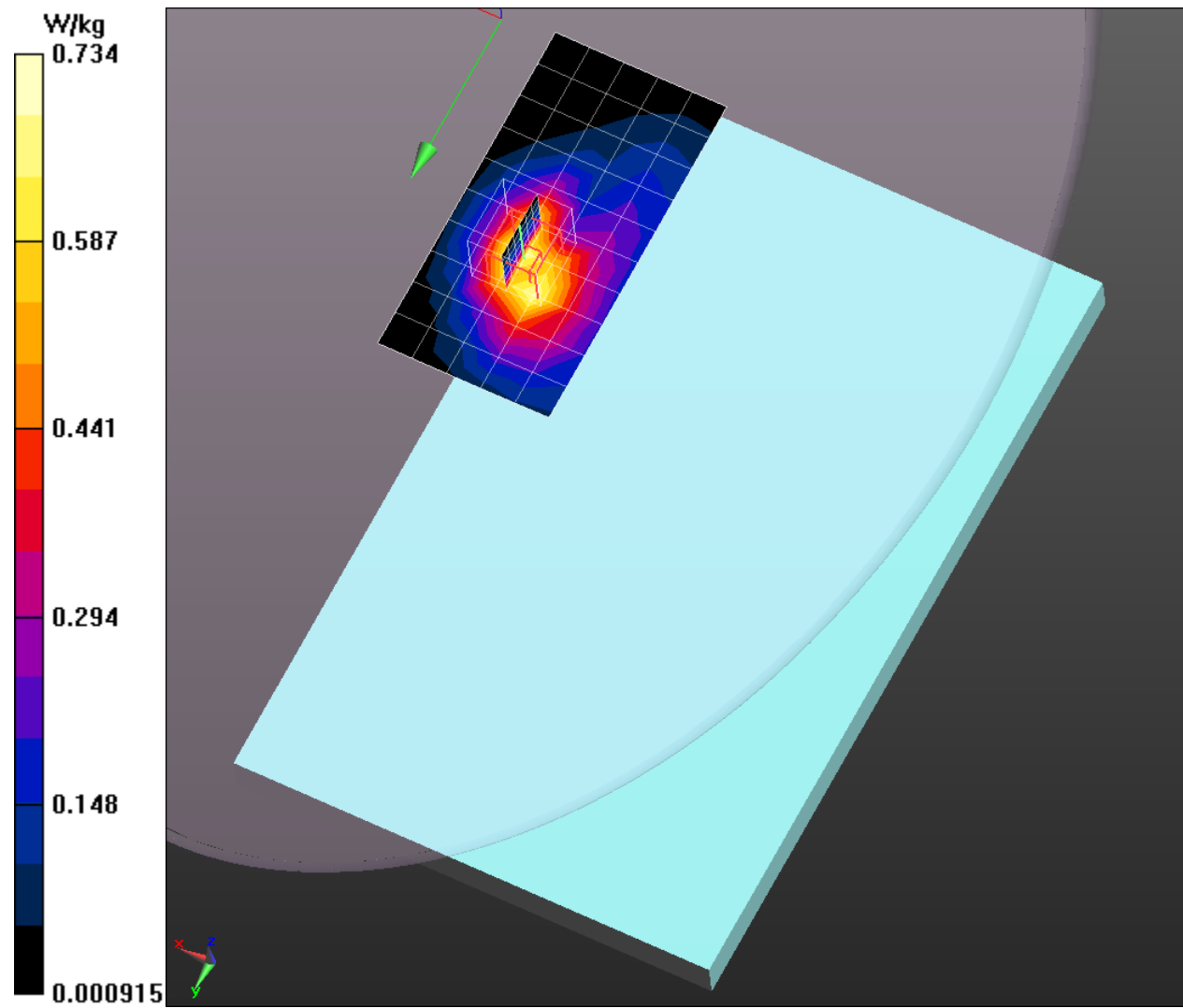
Maximum value of SAR (measured) = 0.734 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.849 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.958 W/kg  
**SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.357 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.817 W/kg

### SAR Plot 20





## SAR Plot 21

Date/Time: 5/2/2014 9:31:59 AM

Test Laboratory: Intertek

File Name: [LTE Band V 50RB.da52:4](#)

### LTE Band V 50RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.011$  S/m;  $\epsilon_r = 54.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

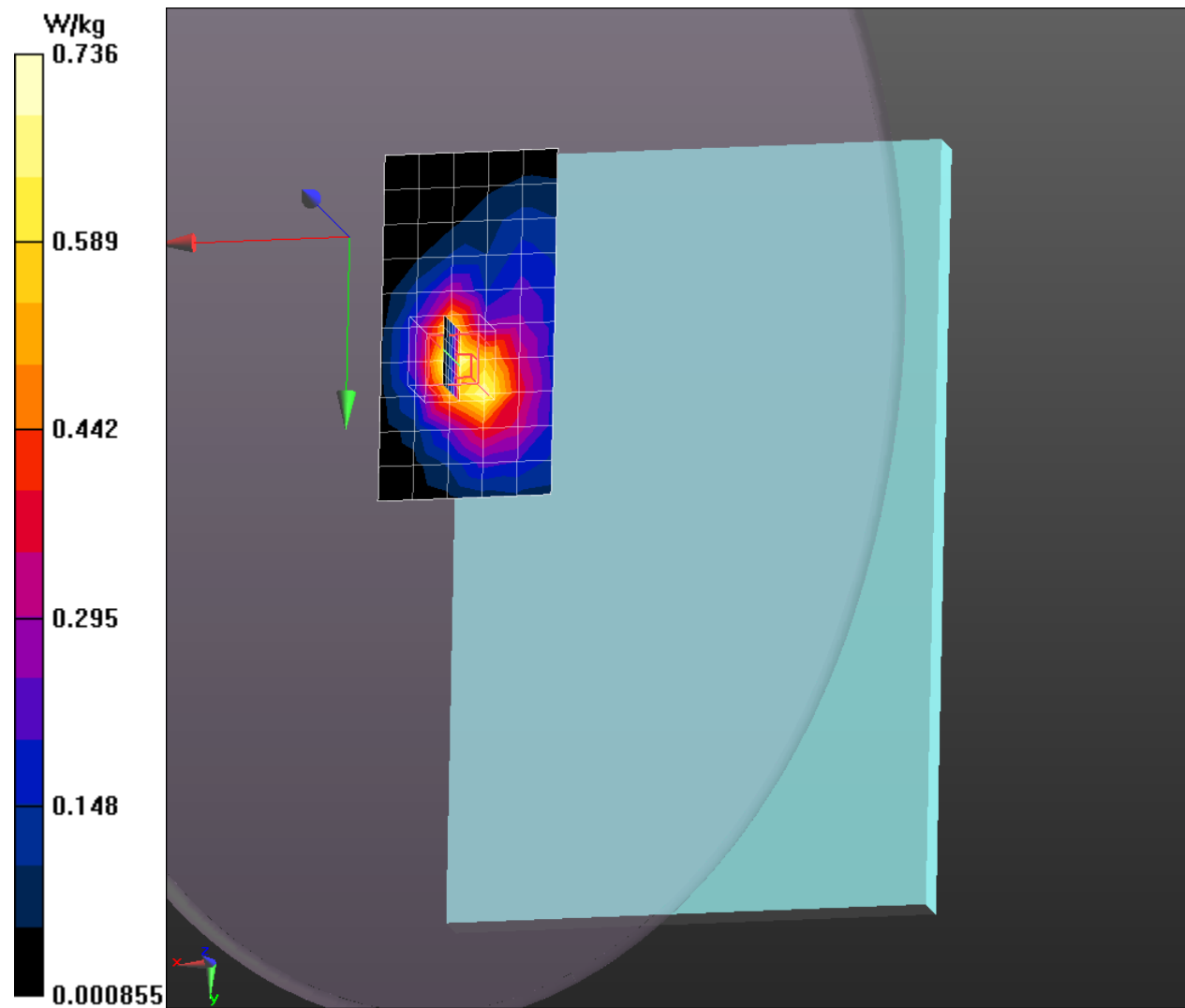
Maximum value of SAR (measured) = 0.736 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.740 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.938 W/kg  
**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.353 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.805 W/kg

### SAR Plot 21



## SAR Plot 22

Date/Time: 5/5/2014 11:09:29 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 1RB.da52:4](#)

## LTE Band 13 1RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.626 W/kg

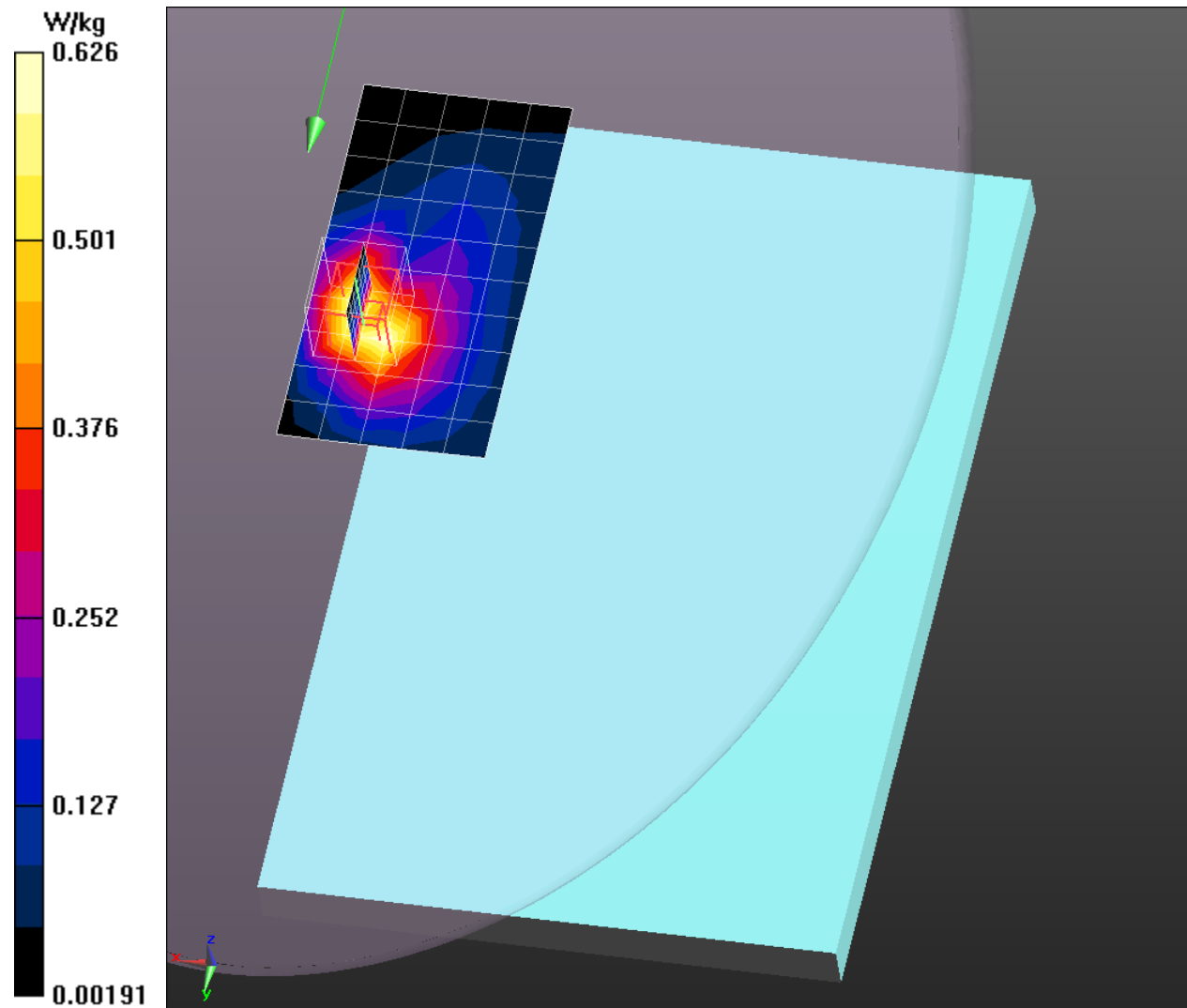
**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.294 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.806 W/kg  
**SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.307 W/kg**

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

Maximum value of SAR (measured) = 0.695 W/kg

### SAR Plot 22



## SAR Plot 23

Date/Time: 5/5/2014 9:50:00 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 25RB.da52:4](#)

### LTE Band 13 25RB

Procedure Notes: Back Side – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.674 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.244 V/m; Power Drift = -0.03 dB

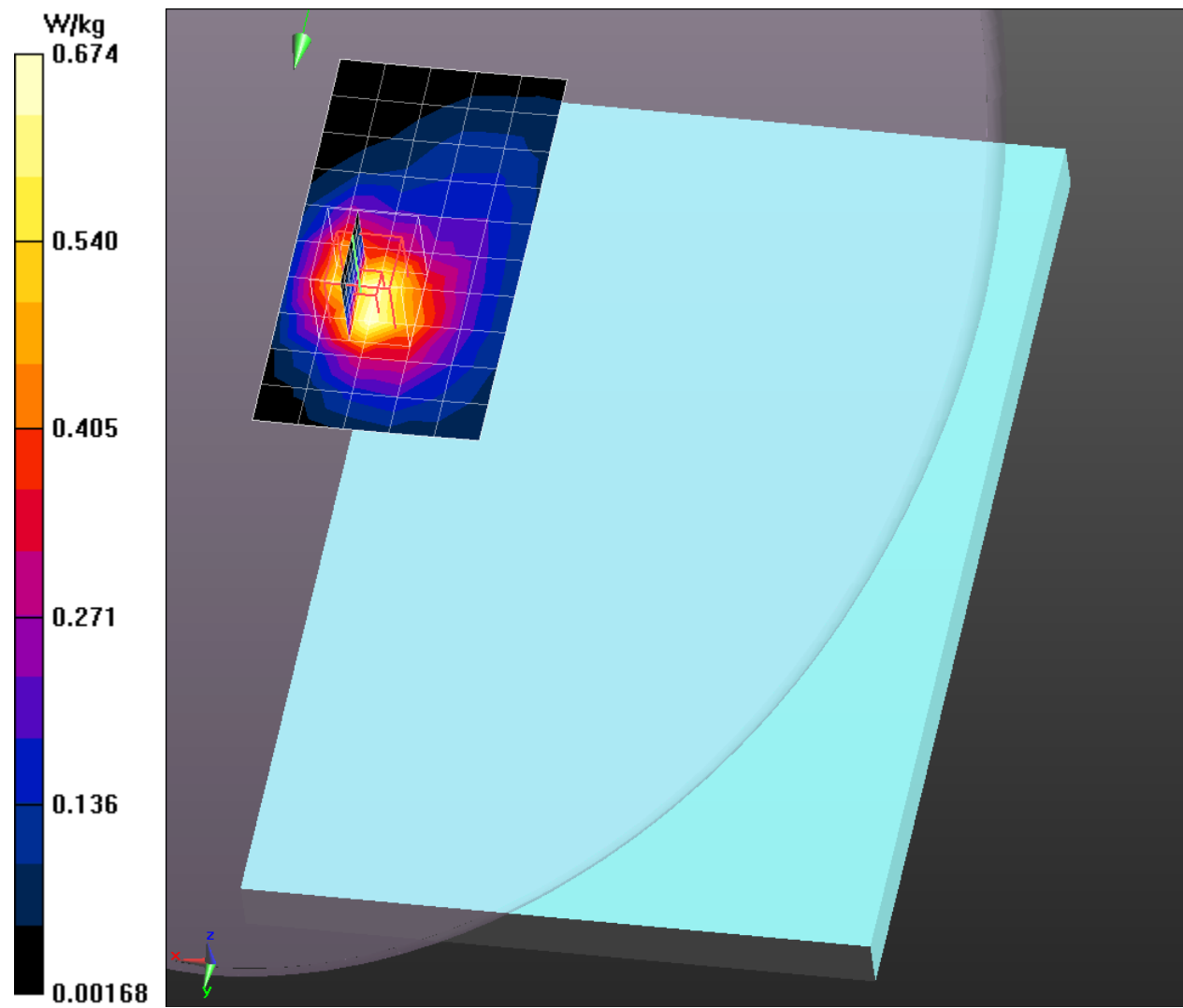
Peak SAR (extrapolated) = 0.882 W/kg

**SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.329 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.750 W/kg

### SAR Plot 23



## SAR Plot 24

Date/Time: 5/5/2014 7:55:49 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 50RB.da52:4](#)

### LTE Band 13 50RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

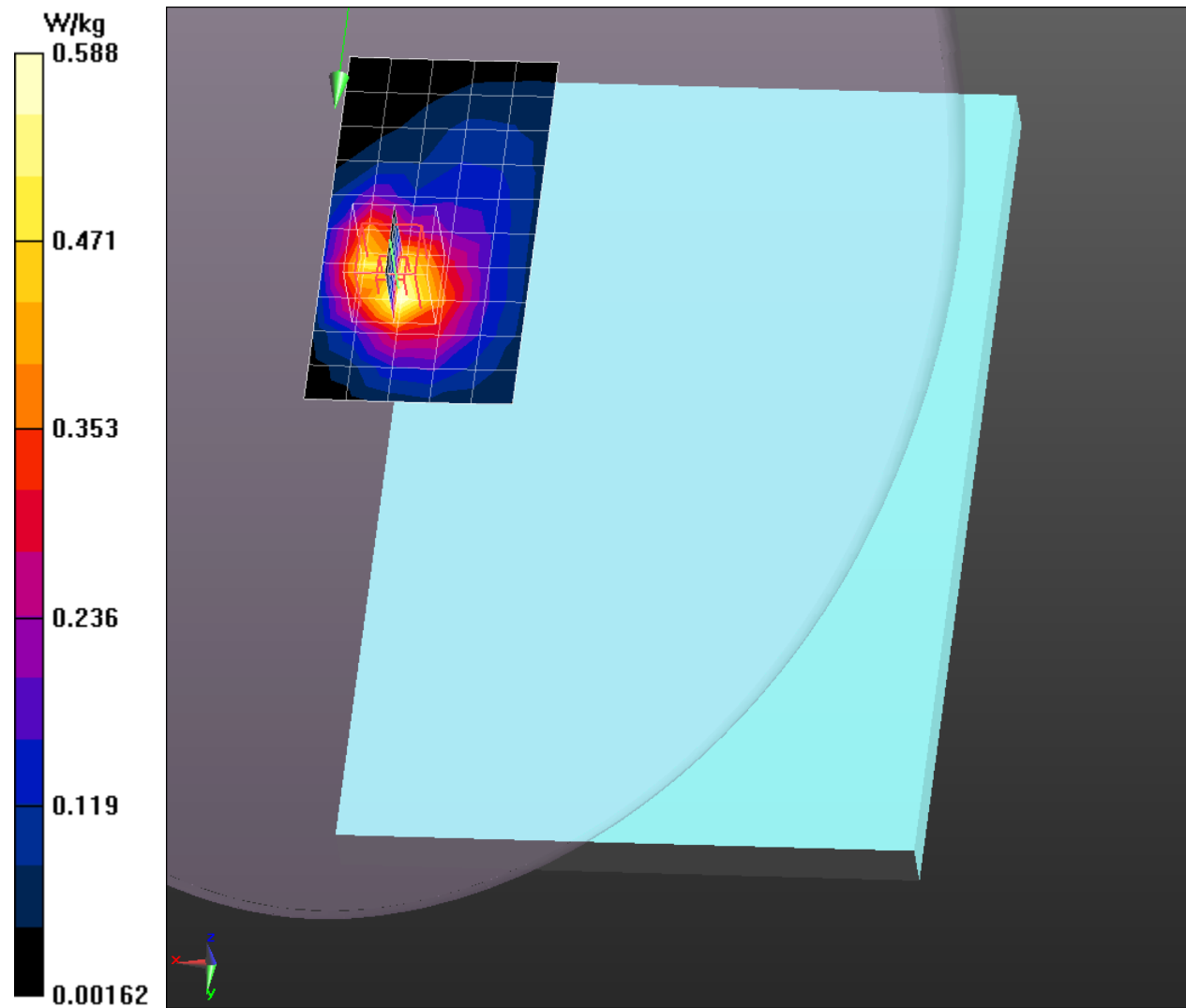
Maximum value of SAR (measured) = 0.588 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 16.574 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.736 W/kg  
**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.285 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.633 W/kg

### SAR Plot 24





## SAR Plot 25

Date/Time: 5/6/2014 9:34:37 PM

Test Laboratory: Intertek

File Name: [LTE Band 17 1RB.da52:4](#)

### LTE Band 17 1RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=49/Area Scan (6x11x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.418 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 1RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

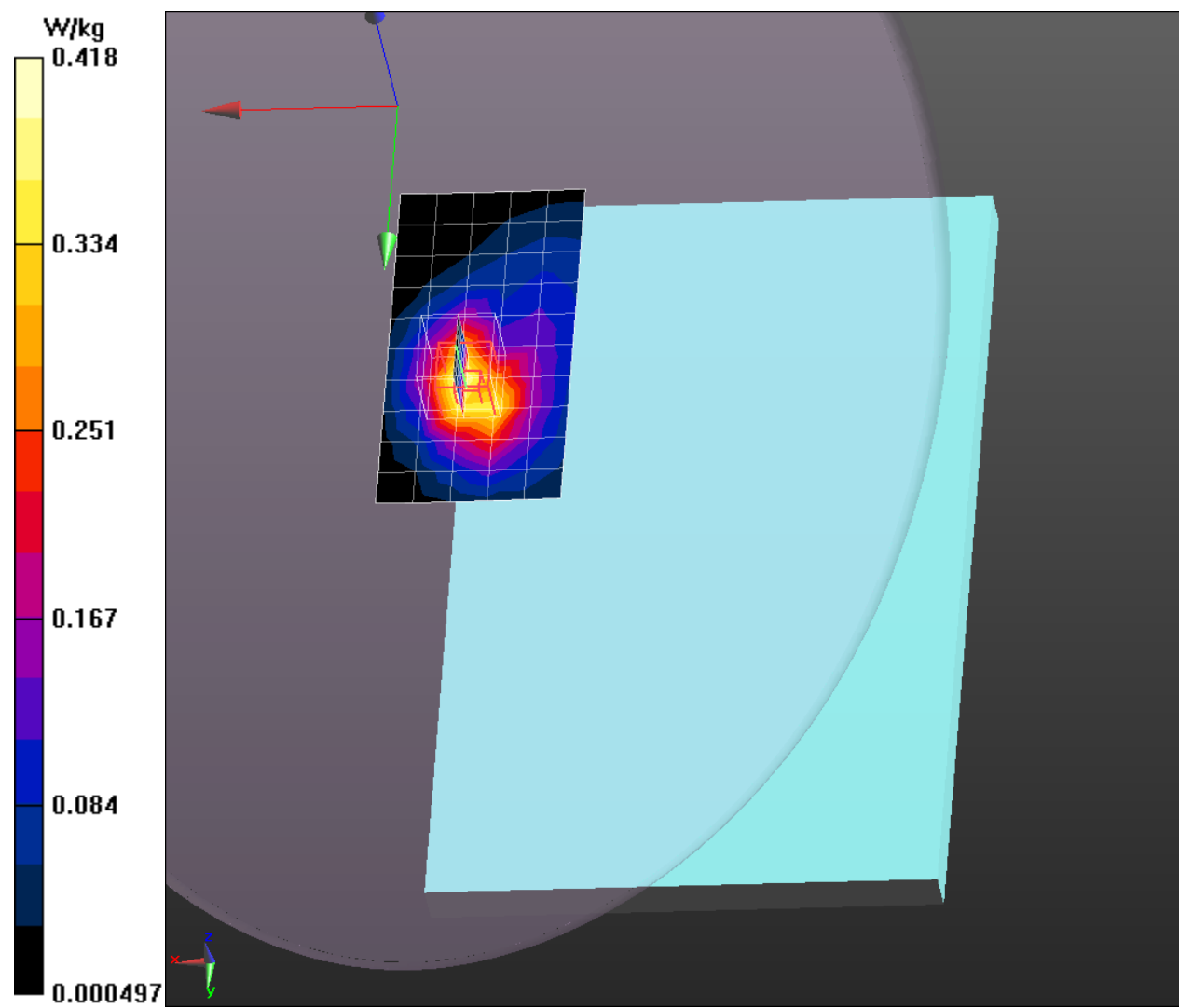
Reference Value = 17.419 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.451 W/kg

SAR Plot 25



## SAR Plot 26

Date/Time: 5/6/2014 9:10:34 PM

Test Laboratory: Intertek

File Name: [LTE Band 17 25RB.da52:4](#)

### LTE Band 17 25RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=24/Area Scan (6x11x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.433 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 25RB, Offset=24/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

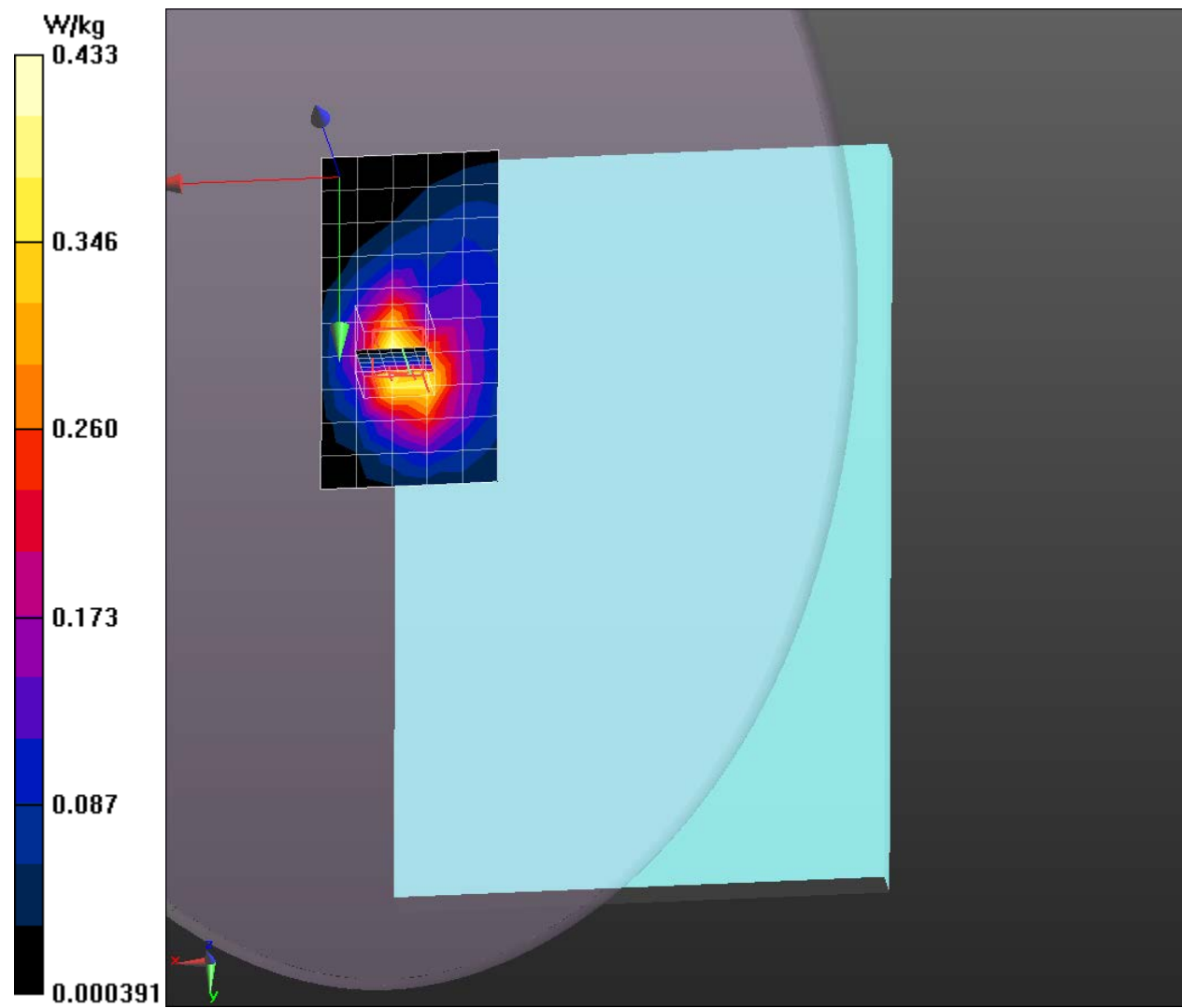
Reference Value = 17.678 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.536 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.454 W/kg

SAR Plot 26



## SAR Plot 27

Date/Time: 5/6/2014 8:45:07 PM

Test Laboratory: Intertek

File Name: [LTE Band 17 50RB.da52:4](#)

### LTE Band 17 50RB

Procedure Notes: Back Side - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Area Scan (6x11x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.432 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 5mm Away From Phantom Mid Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

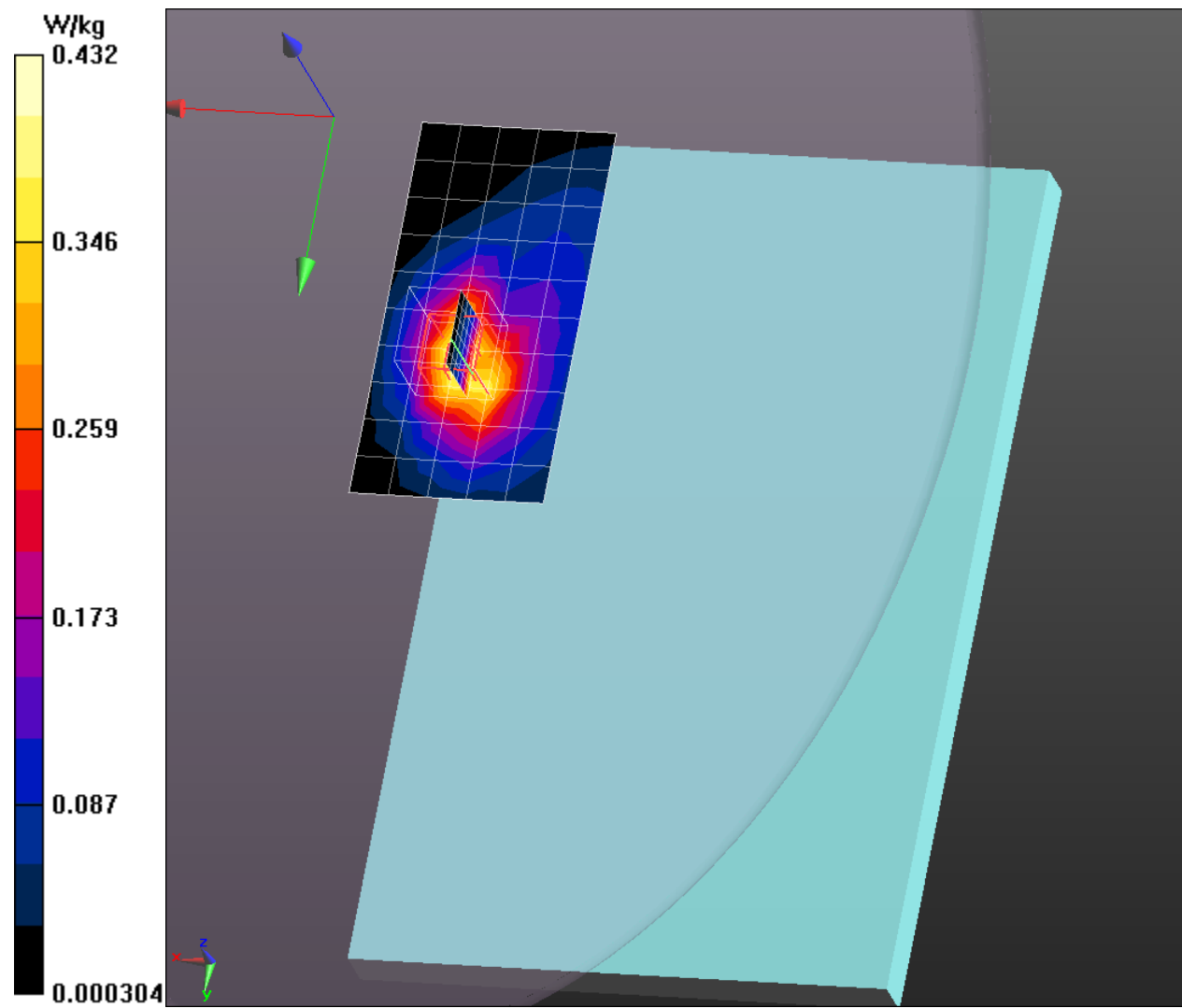
Reference Value = 17.508 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.460 W/kg

SAR Plot 27



## SAR Plot 29

Date/Time: 5/15/2014 11:11:12 AM

Test Laboratory: Intertek

File Name: [GSM 1900\\_0mm 2-slot GPRS.da52:4](#)

### GSM 1900\_0mm 2-slot GPRS

Procedure Notes: Tilted Edge 57 degrees- High channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic GSM 2 Slot (0); Communication System Band: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.36516

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.56$  S/m;  $\epsilon_r = 51.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From High Channel/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.14 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

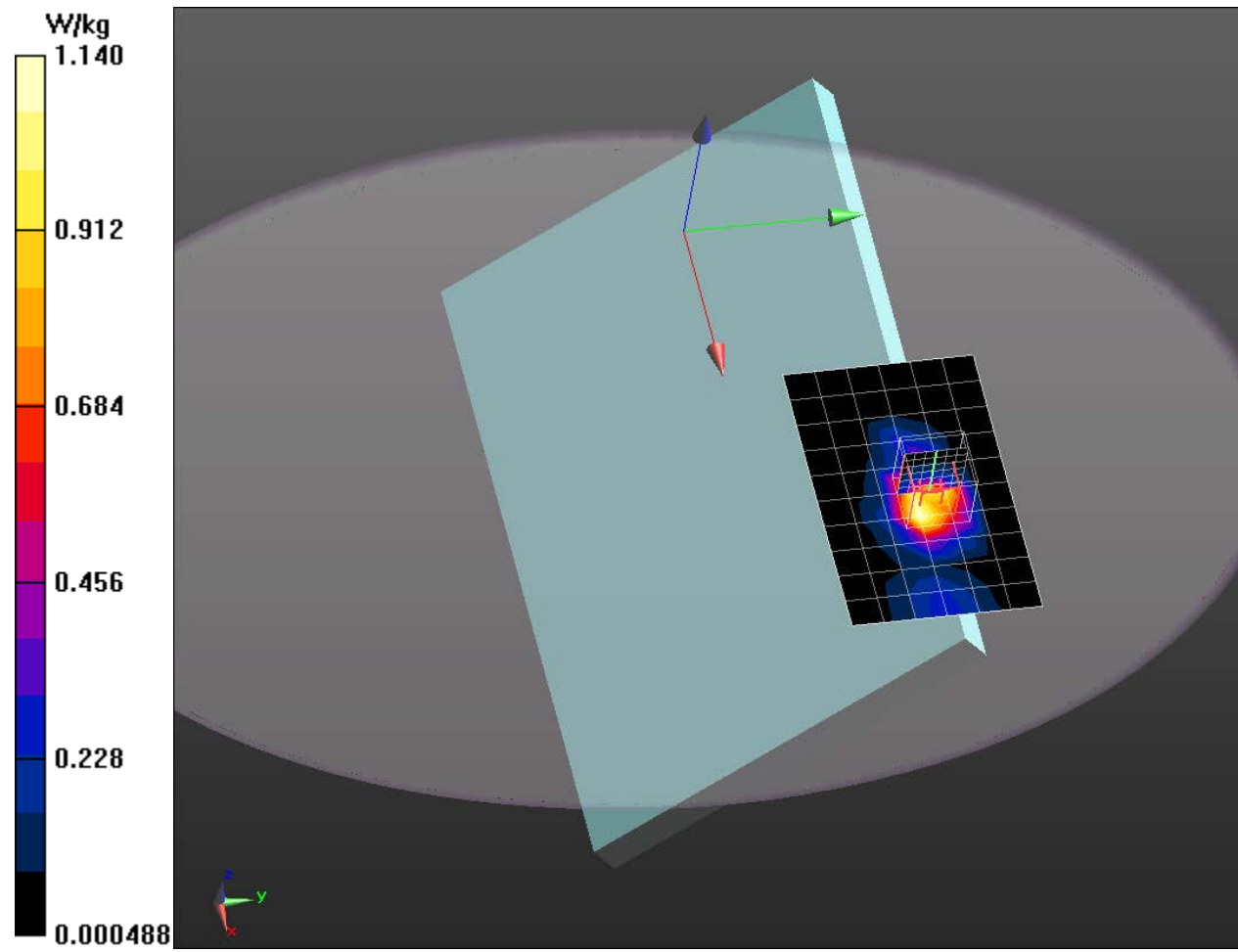
Reference Value = 17.713 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.576 W/kg**

Maximum value of SAR (measured) = 1.96 W/kg

SAR Plot 29





## SAR Plot 30

Date/Time: 5/14/2014 1:52:59 PM

Test Laboratory: Intertek

File Name: [UMTS Band II\\_0mm.da52:4](#)

### UMTS Band II\_0mm

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.527 \text{ S/m}$ ;  $\epsilon_r = 51.608$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.20 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

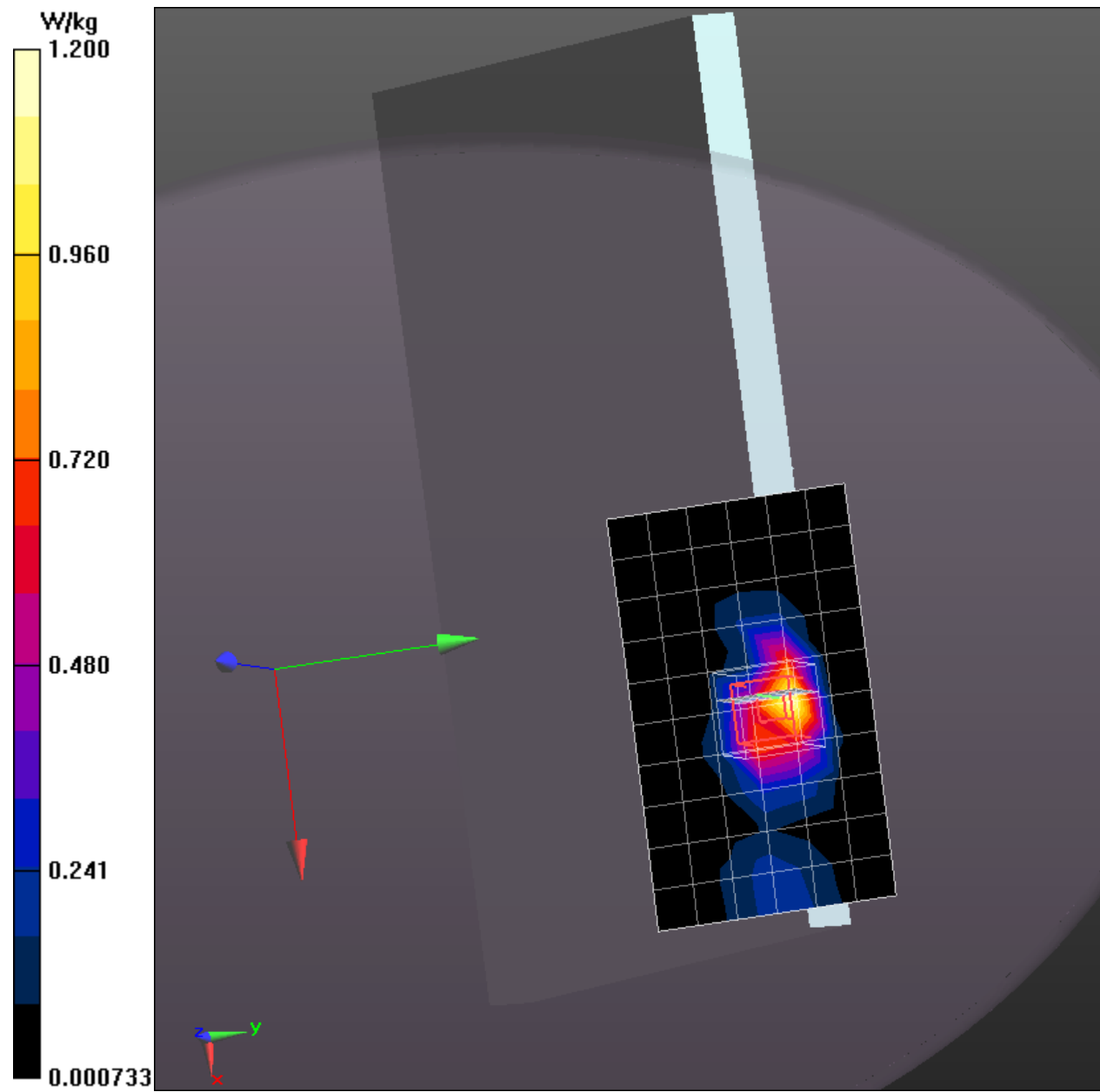
Reference Value = 12.323 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.468 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg

SAR Plot 30



## SAR Plot 31

Date/Time: 6/2/2014 8:37:43 PM

Test Laboratory: Intertek

File Name: [CDMA BC1\\_0mm.da52:4](#)

### CDMA BC1\_0mm

Procedure Notes: Tilted 57 degrees- Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.503$  S/m;  $\epsilon_r = 51.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 2.02 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 12.647 V/m; Power Drift = 0.13 dB

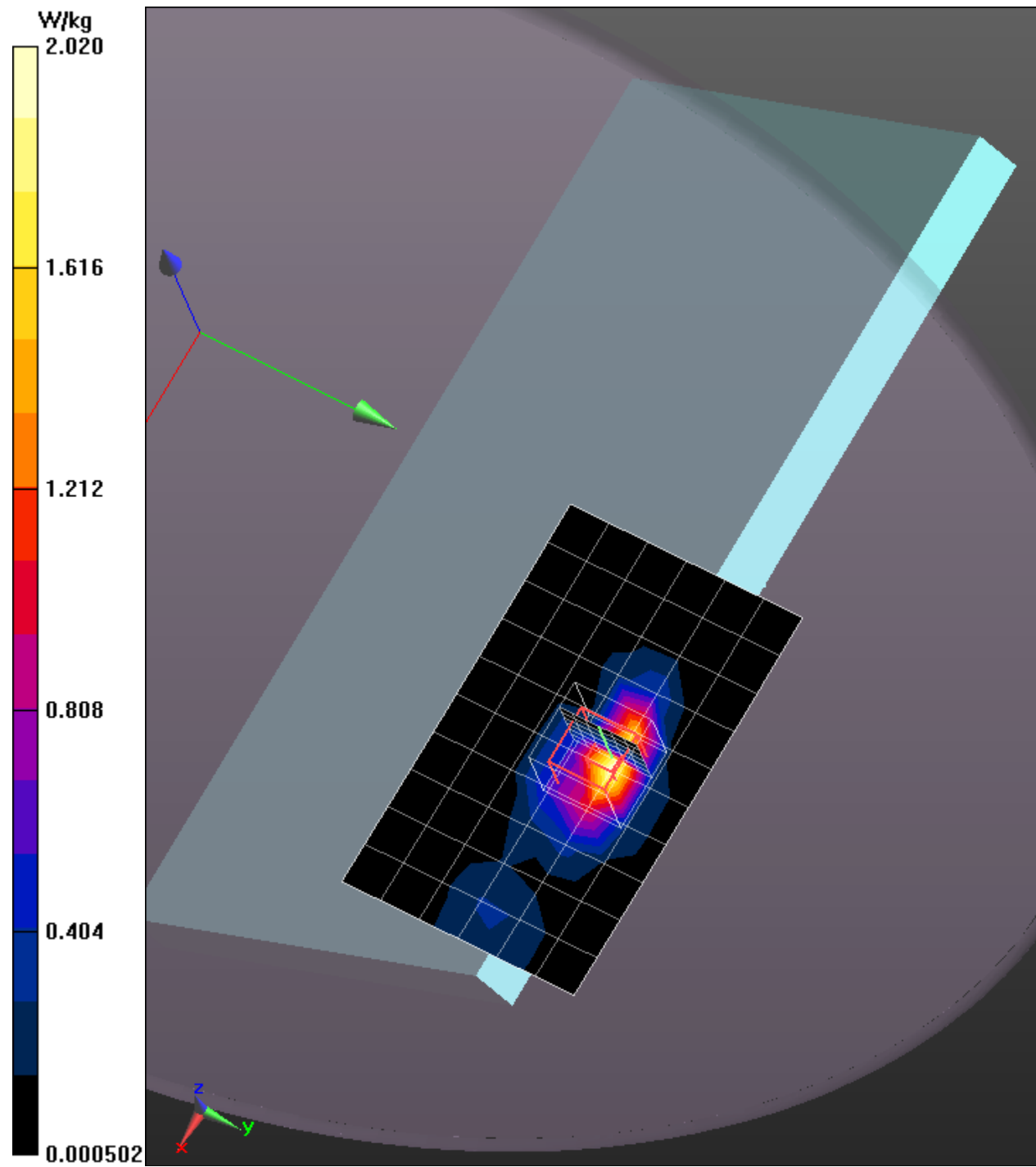
Peak SAR (extrapolated) = 2.62 W/kg

**SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.663 W/kg**

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

Maximum value of SAR (measured) = 2.15 W/kg

SAR Plot 31



## SAR Plot 32

Date/Time: 6/6/2014 2:23:31 PM

Test Laboratory: Intertek

File Name: [LTE Band II 1RB\\_0mm RETEST.da52:4](#)

### **LTE Band II 1RB\_0mm RETEST**

Procedure Notes: Tilted 57 degrees- Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.512 \text{ S/m}$ ;  $\epsilon_r = 51.087$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

### **WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low Channel, 1RB, Offset=0/Area Scan (11x7x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.24 W/kg

### **WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low Channel, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:**

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

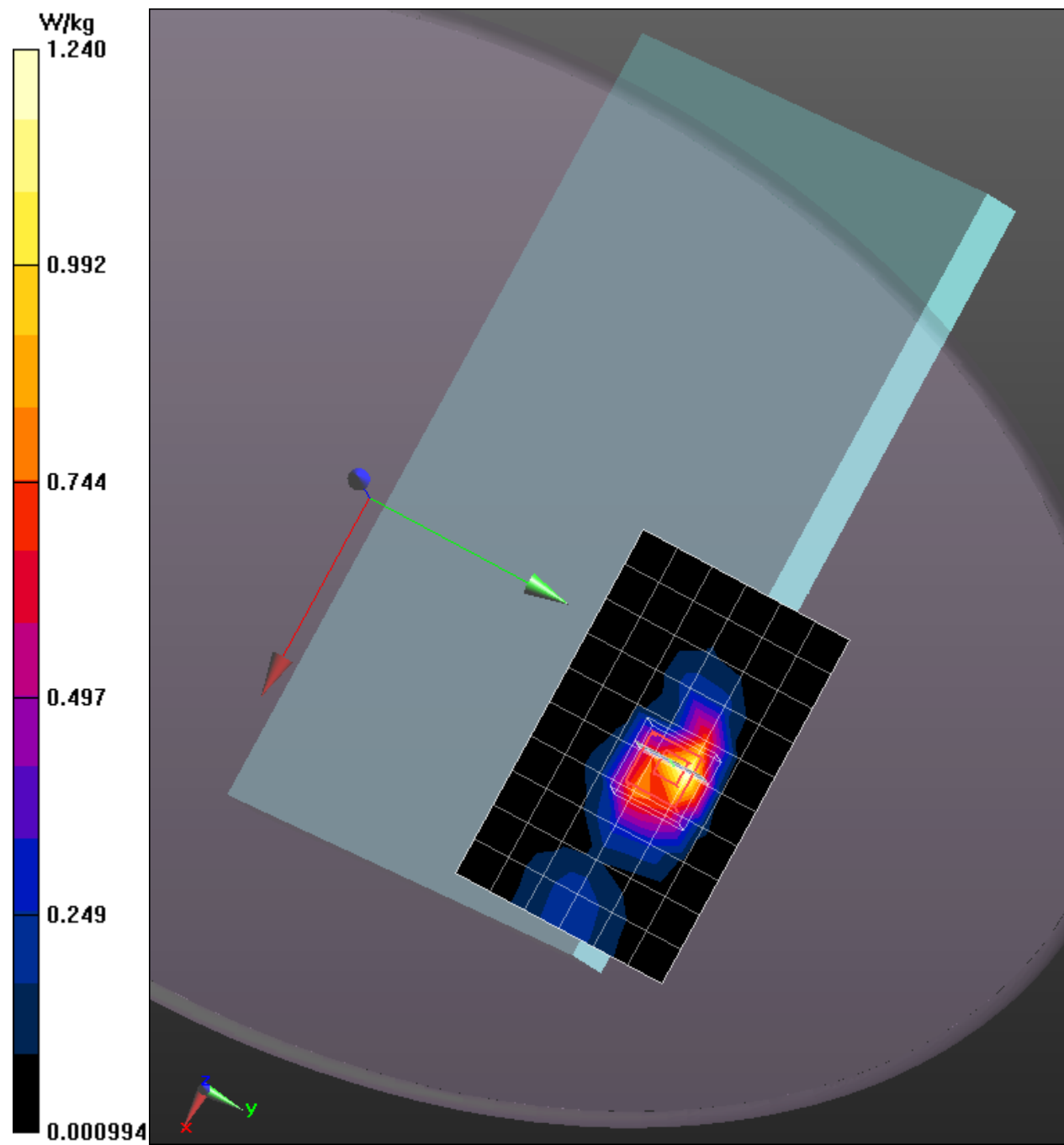
Reference Value = 16.651 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.518 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg

SAR Plot 32



## SAR Plot 33

Date/Time: 6/3/2014 11:13:37 AM

Test Laboratory: Intertek

File Name: [LTE Band II 50Percent RB\\_0mm.da52:4](#)

### **LTE Band II 50Percent RB\_0mm**

Procedure Notes: Tilted 57 degrees- High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.554$  S/m;  $\epsilon_r = 51.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom High Channel, 50RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.63 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom High Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:**

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

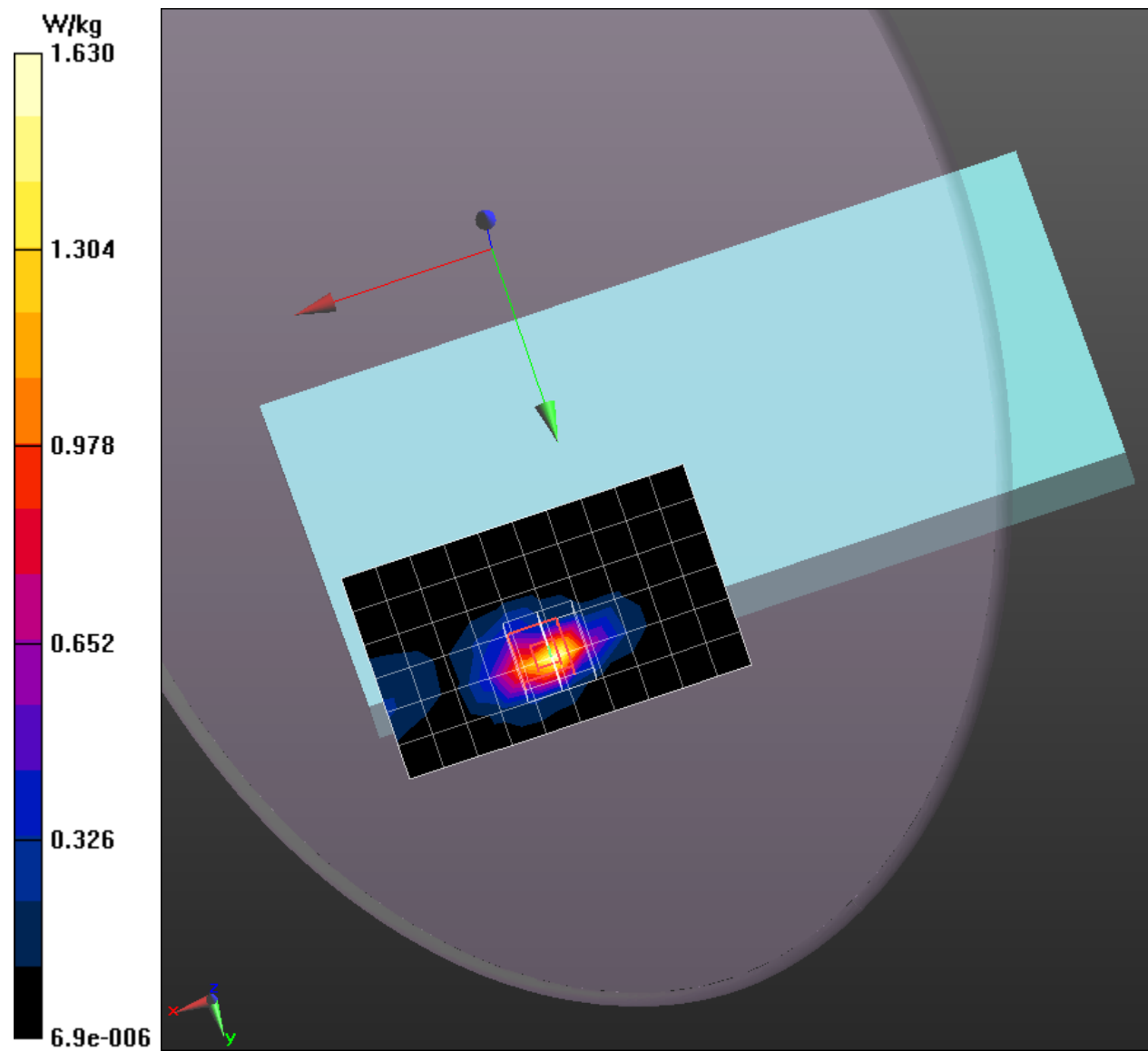
Reference Value = 17.091 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.494 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg

SAR Plot 33





## SAR Plot 34

Date/Time: 6/3/2014 9:19:23 AM

Test Laboratory: Intertek

File Name: [LTE Band II 100 Percent RB\\_0mm.da52:4](#)

### **LTE Band II 100 Percent RB\_0mm**

Procedure Notes: Tilted 57 degrees- Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.512 \text{ S/m}$ ;  $\epsilon_r = 51.363$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 100RB, Offset=0 2/Area Scan (11x7x1):** Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.67 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 100RB, Offset=0 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

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

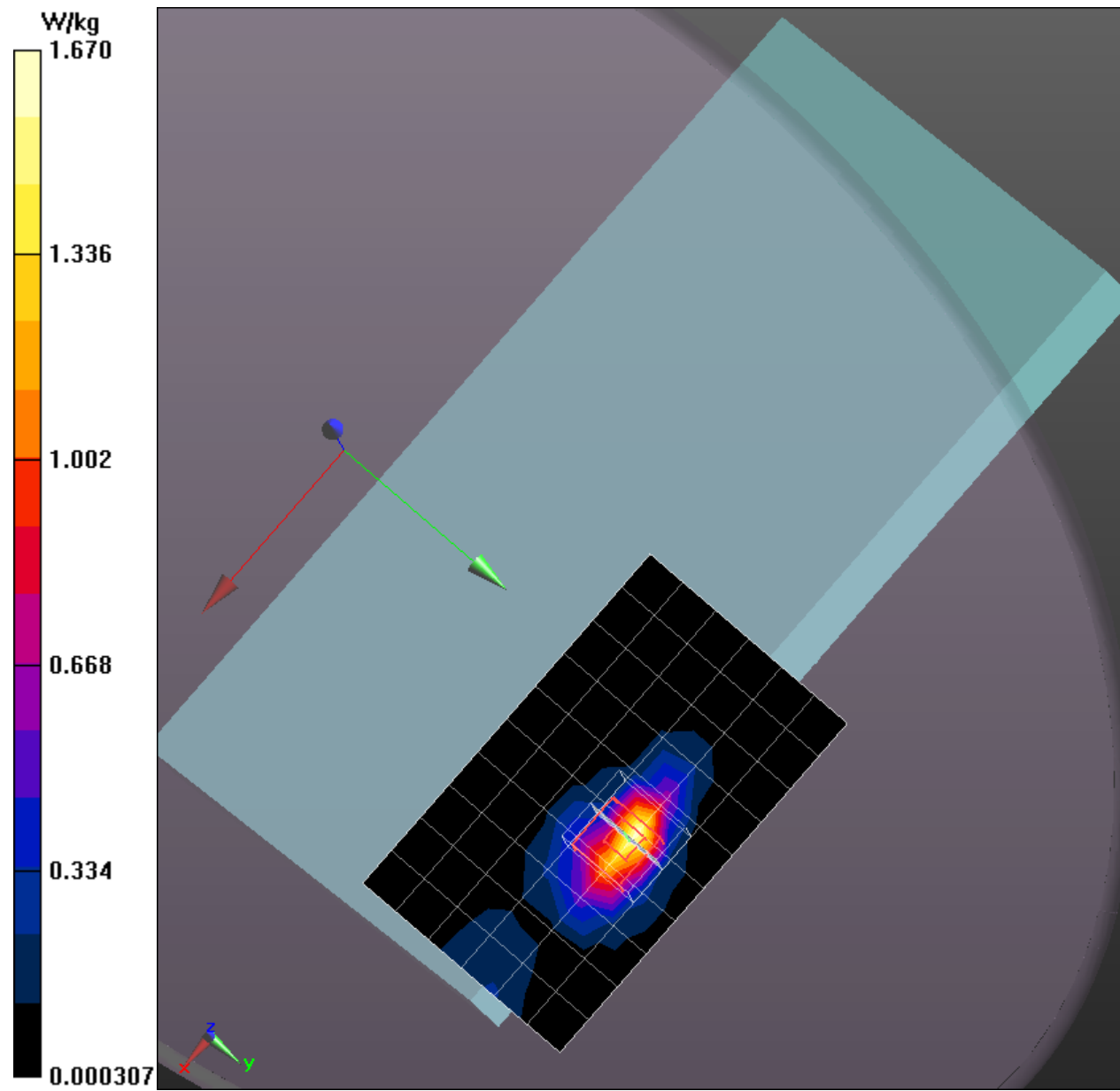
Reference Value = 15.144 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.529 W/kg**

Maximum value of SAR (measured) = 1.72 W/kg

SAR Plot 34



## SAR Plot 35

Date/Time: 5/15/2014 8:43:59 PM

Test Laboratory: Intertek

File Name: [LTE Band 25 1RB\\_0mm.da52:4](#)

### LTE Band 25 1RB\_0mm

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 51.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel, 1RB, Offset=99/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.02 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel, 1RB, Offset=99/Zoom Scan (7x7x7)/Cube 0:**

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

Reference Value = 25.124 V/m; Power Drift = 0.01 dB

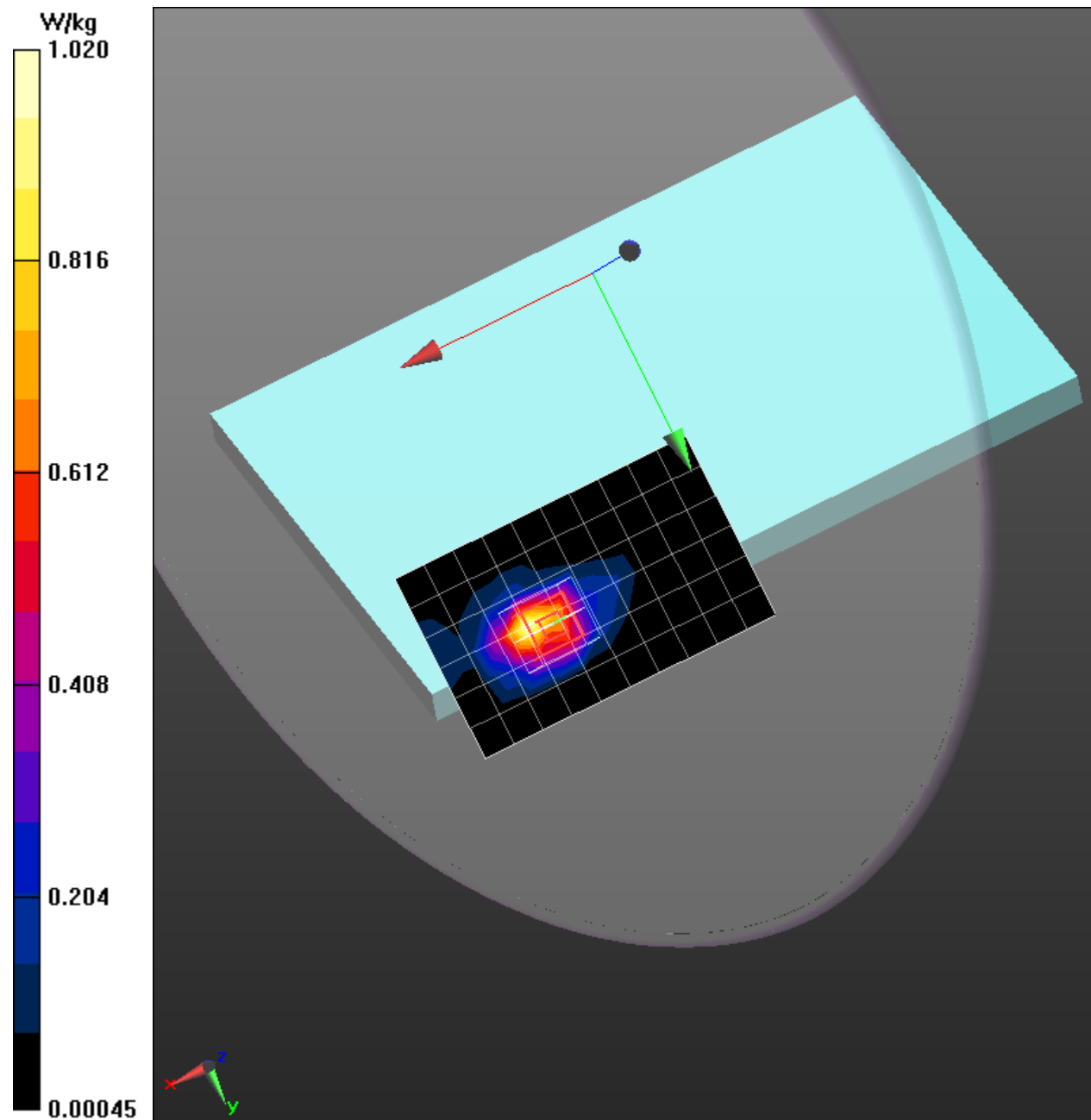
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.432 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.42 W/kg

### SAR Plot 35



## SAR Plot 36

Date/Time: 5/15/2014 7:54:26 PM

Test Laboratory: Intertek

File Name: [LTE Band 25 50RB\\_0mm.da52:4](#)

### LTE Band 25 50RB\_0mm

Procedure Notes: Tilted 57 degrees- Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.505 \text{ S/m}$ ;  $\epsilon_r = 51.633$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); Calibrated: 12/13/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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)

### **WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, Low Channel, 50RB, Offset=0/Area Scan (11x7x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.06 W/kg

### **WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, Low Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:**

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

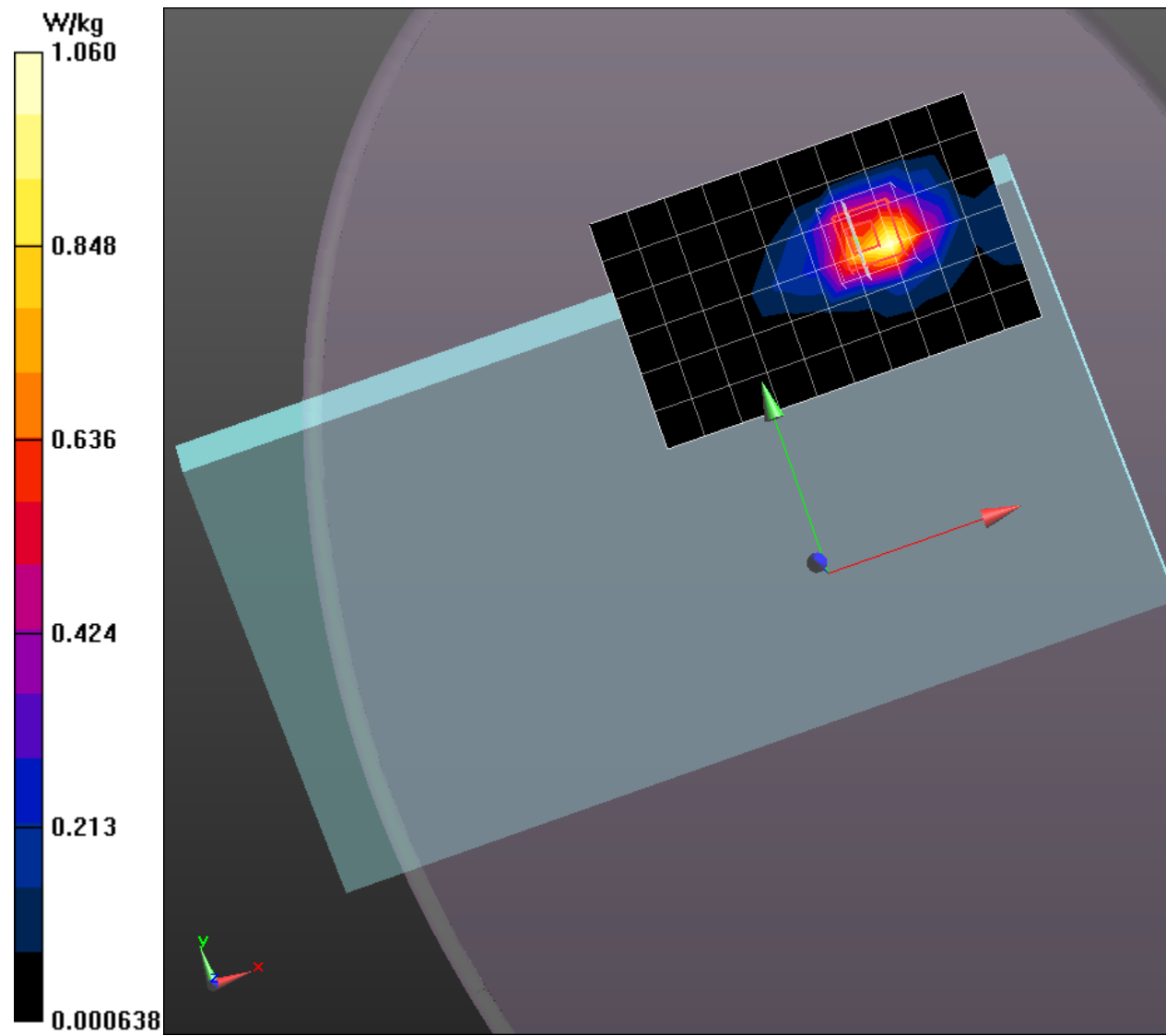
Reference Value = 25.607 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.444 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg

SAR Plot 36



## SAR Plot 37

Date/Time: 5/15/2014 7:13:45 PM

Test Laboratory: Intertek

File Name: [LTE Band 25 50RB\\_0mm.da52:4](#)

### **LTE Band 25 50RB\_0mm**

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 51.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel, 50RB, Offset=49/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.964 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Mid Channel, 50RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:**

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

Reference Value = 16.557 V/m; Power Drift = -0.02 dB

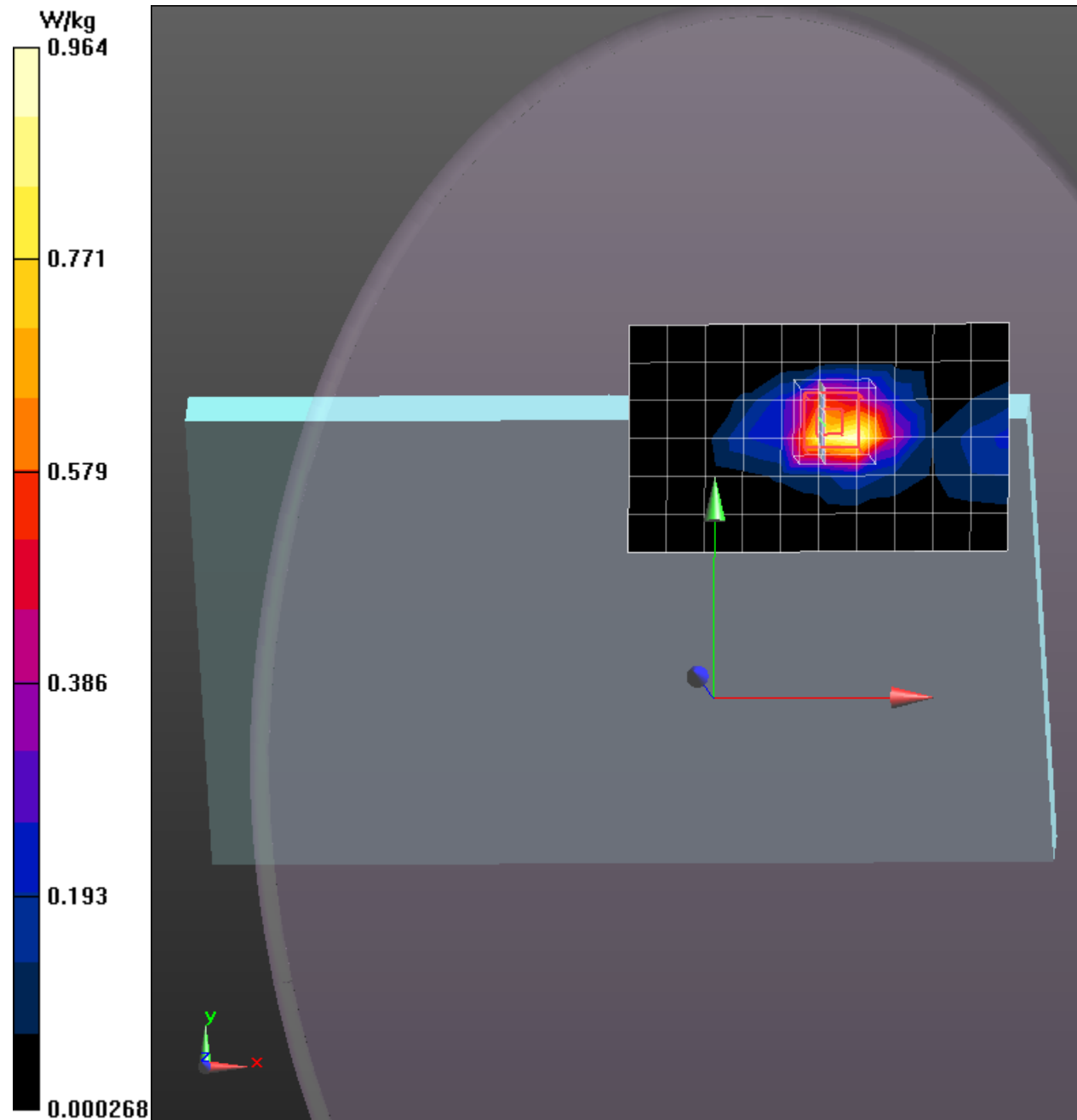
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.430 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.40 W/kg

### SAR Plot 37





## SAR Plot 38

Date/Time: 5/15/2014 4:35:46 PM

Test Laboratory: Intertek

File Name: [LTE Band 25 100Percent RB\\_0mm.da52:4](#)

### **LTE Band 25 100Percent RB\_0mm**

Procedure Notes: Tilted 57 degrees- High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 25; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.555$  S/m;  $\epsilon_r = 51.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, High Channel, 100RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.04 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, High Channel, 100RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:**

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

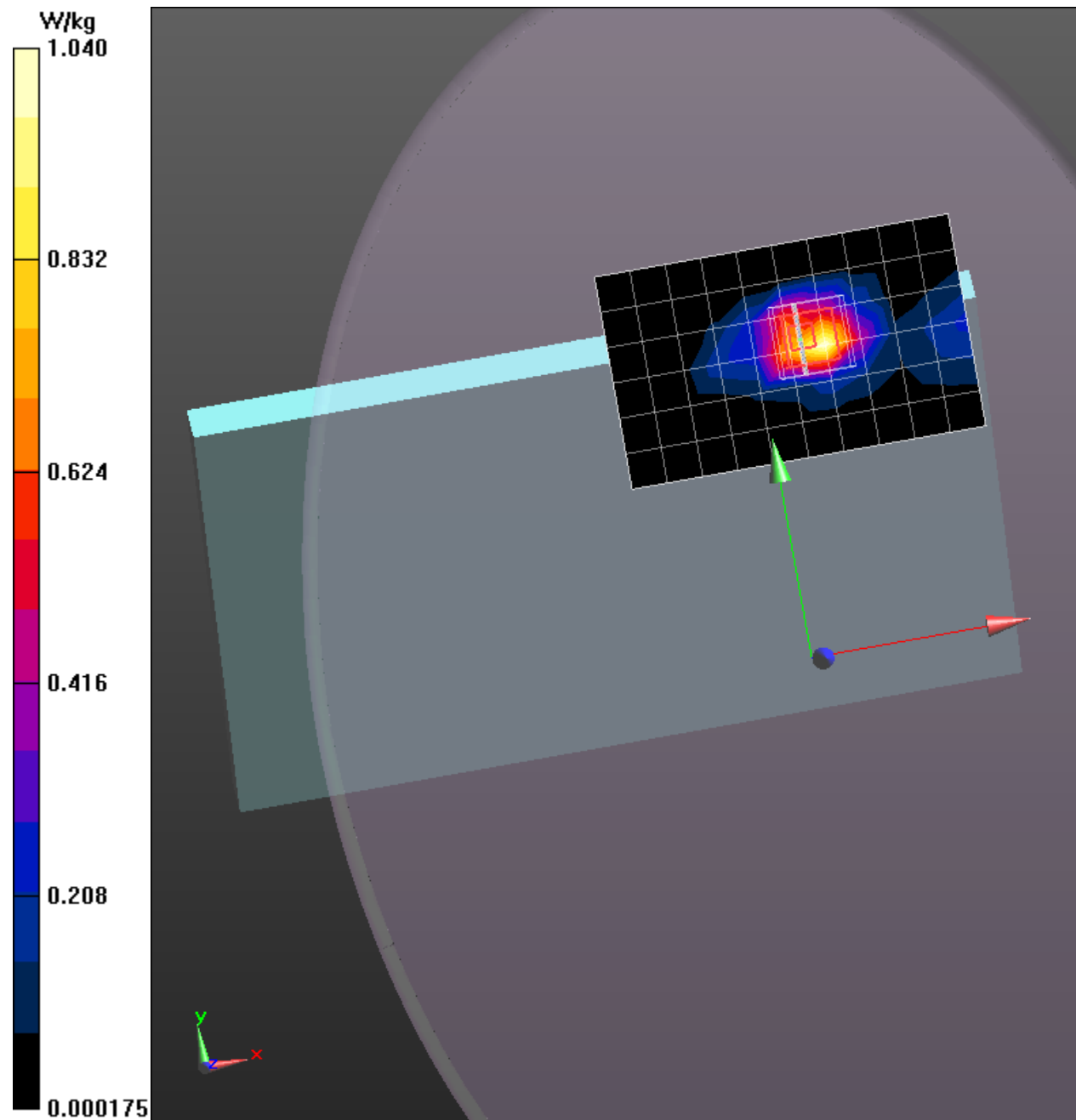
Reference Value = 17.000 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.446 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.46 W/kg

**SAR Plot 38**



## SAR Plot 39

Date/Time: 5/30/2014 3:01:31 PM

Test Laboratory: Intertek

File Name: [LTE Band IV 1RB\\_0mm 5.29.14.da52:4](#)

### LTE Band IV 1RB\_0mm

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 51.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.924 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.798 V/m; Power Drift = 0.05 dB

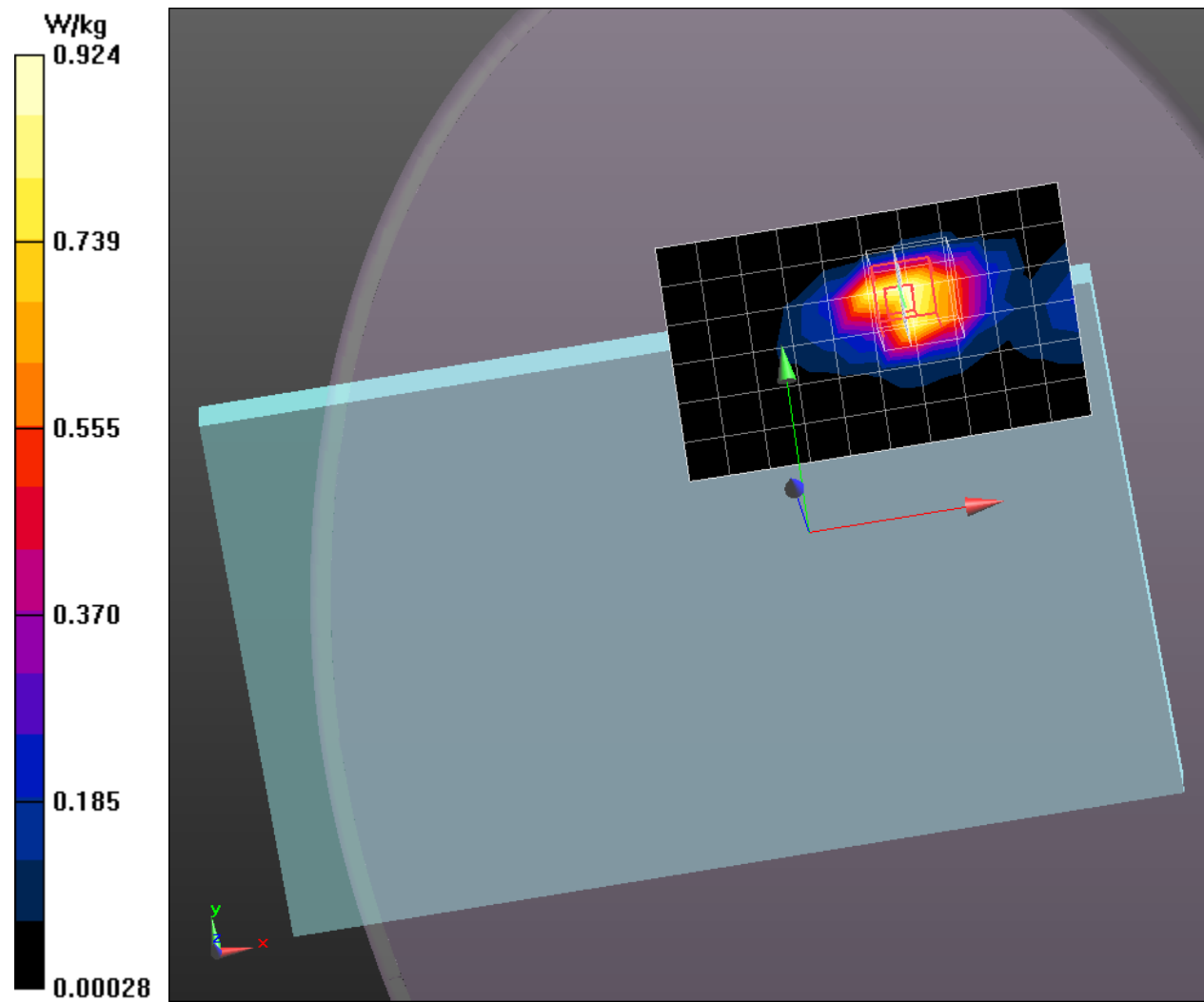
Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.470 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.39 W/kg

### SAR Plot 39



## SAR Plot 40

Date/Time: 5/30/2014 2:36:23 PM

Test Laboratory: Intertek

File Name: [LTE Band IV 50RB\\_0mm 5.29.14.da52:4](#)

### **LTE Band IV 50RB\_0mm 5.29.14**

Procedure Notes:

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 51.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=1/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.897 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.415 V/m; Power Drift = 0.16 dB

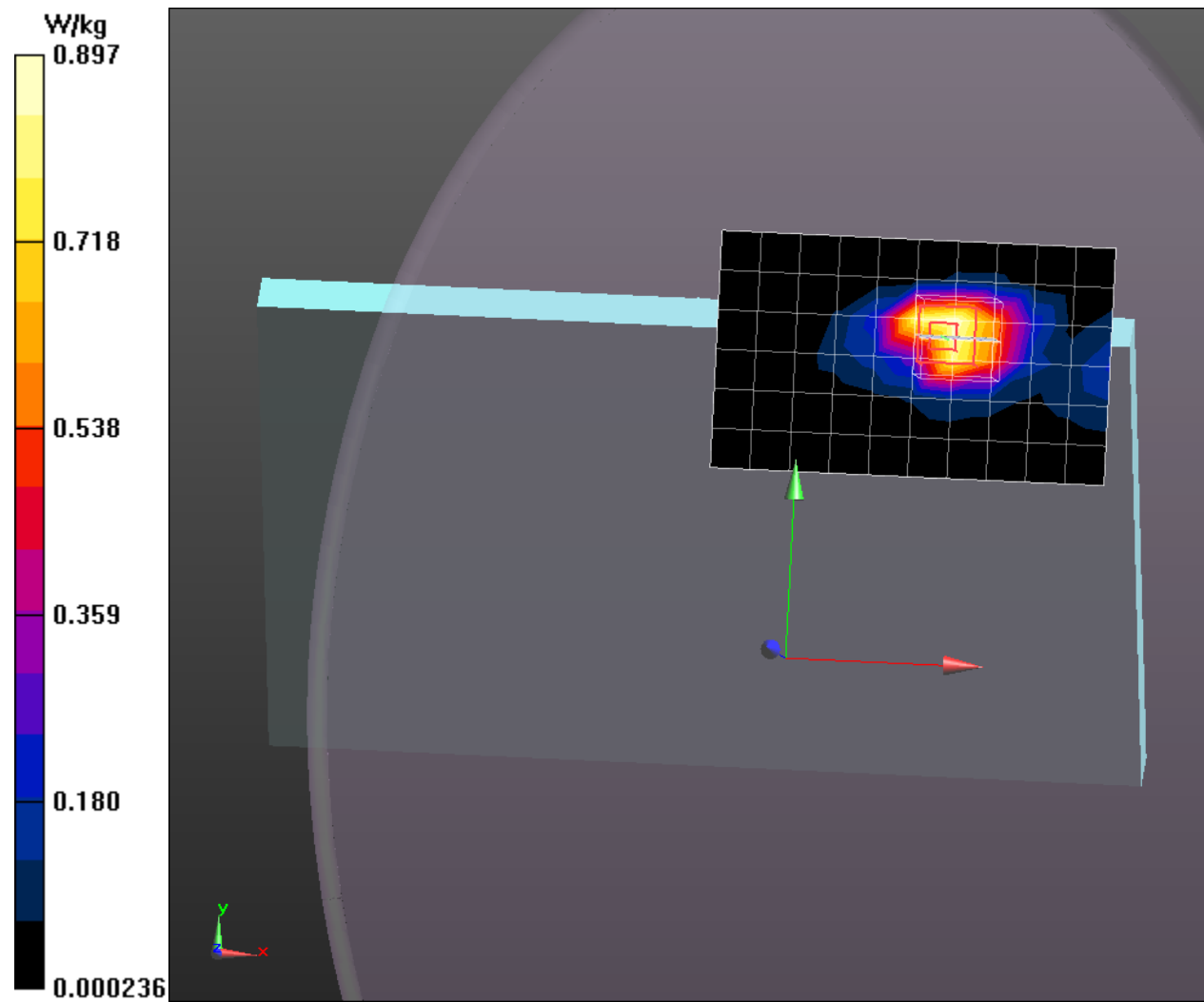
Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.466 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.37 W/kg

SAR Plot 40



## SAR Plot 41

Date/Time: 5/30/2014 9:51:19 AM

Test Laboratory: Intertek

File Name: [LTE Band IV 100RB\\_0mm 5.29.14.da52:4](#)

### LTE Band IV 100RB\_0mm

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 20 MHz Bandwidth (0); Communication System Band: Band 4; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 51.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 100RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.993 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 100RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.470 V/m; Power Drift = 0.09 dB

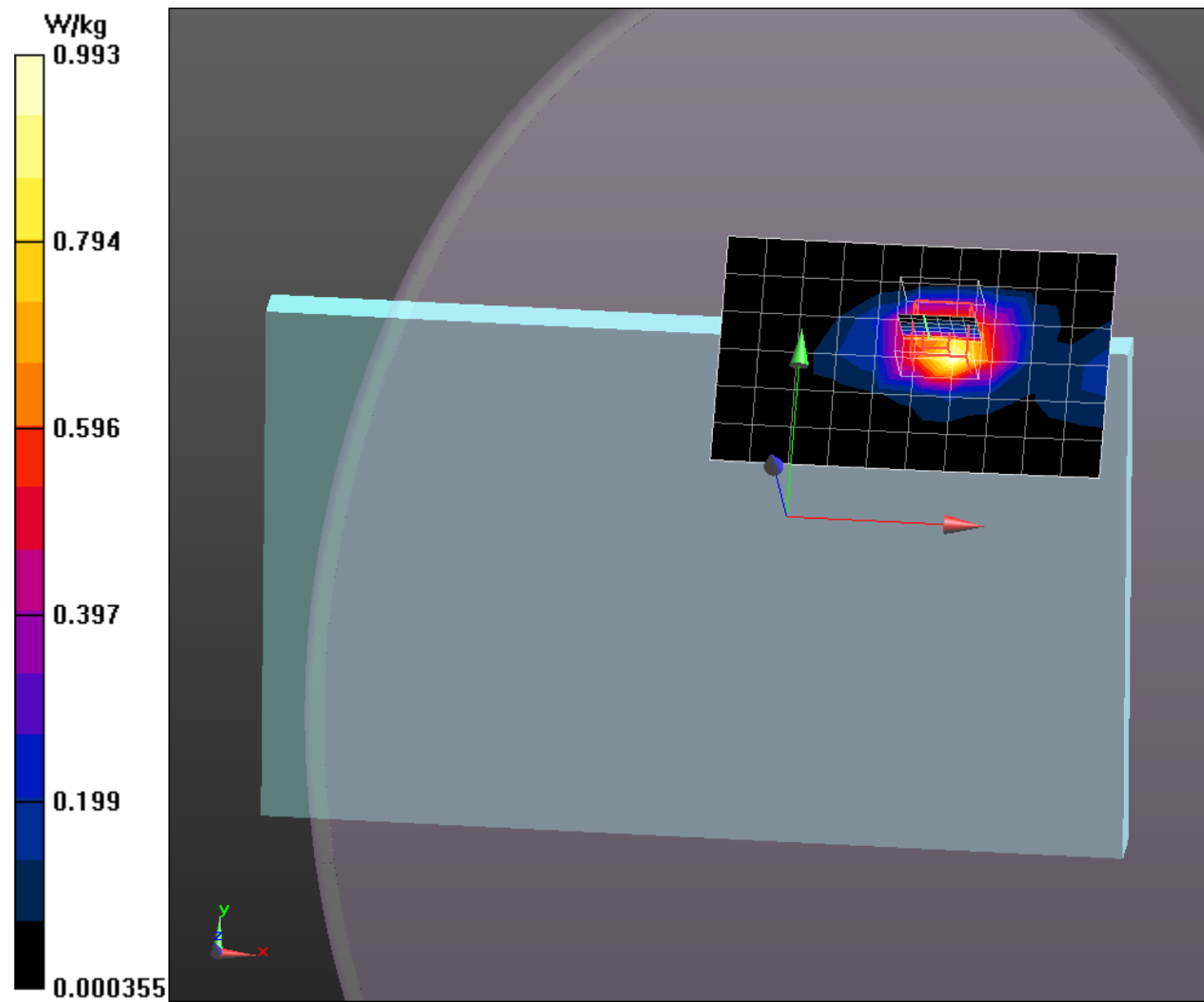
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.467 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.43 W/kg

SAR Plot 41





## SAR Plot 42

Date/Time: 5/30/2014 4:13:14 PM

Test Laboratory: Intertek

File Name: [UMTS Band IV\\_0mm.da52:4](#)

### UMTS Band IV\_0mm

Procedure Notes: Tilted 57 degrees- Low Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band IV;  
Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.429$  S/m;  $\epsilon_r = 51.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.77, 8.77, 8.77); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low Channel Repeatability/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.967 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom Low Channel Repeatability/Zoom Scan (7x7x7)/Cube 0:**

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

Reference Value = 22.545 V/m; Power Drift = 0.08 dB

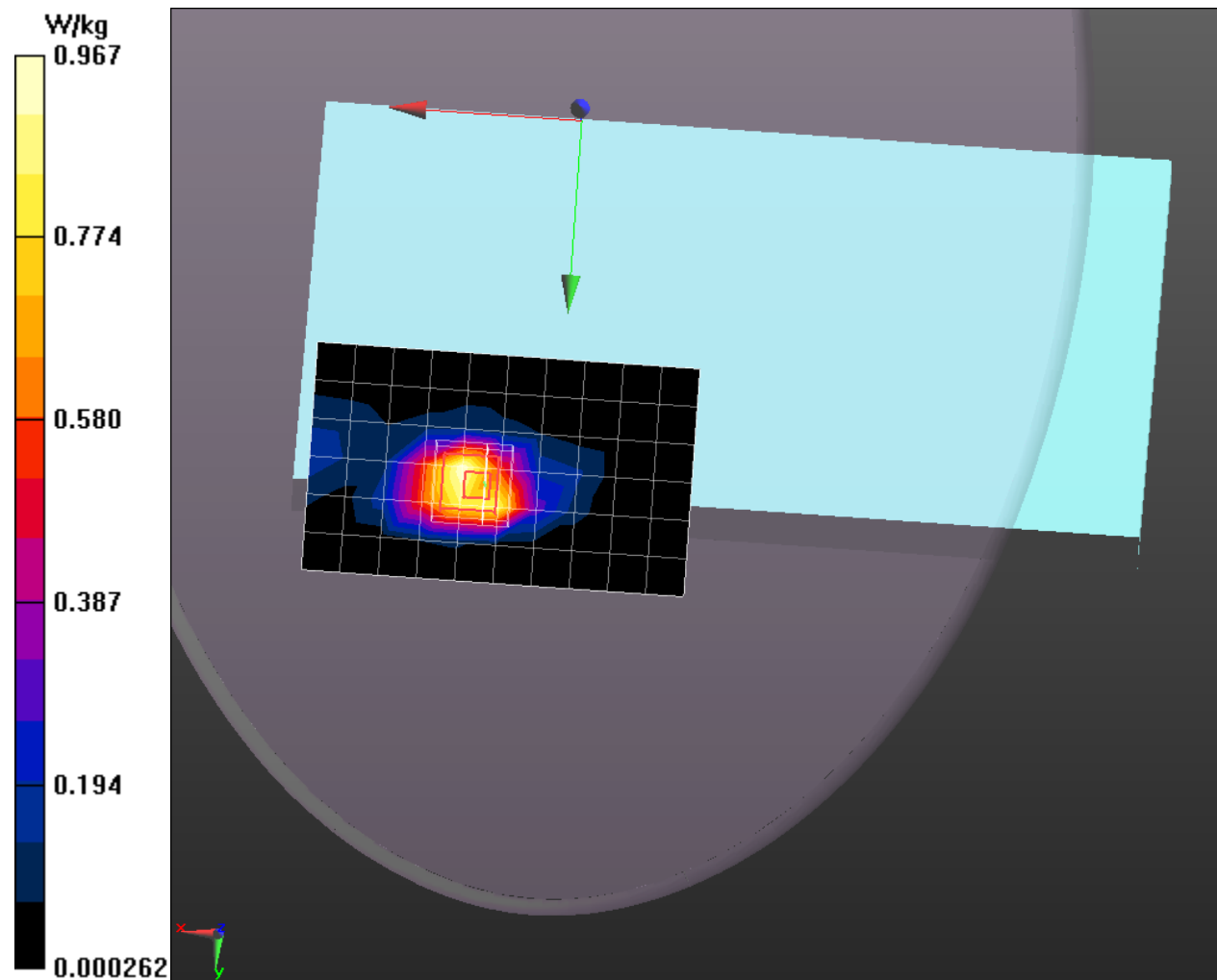
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.508 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.51 W/kg

SAR Plot 42



## SAR Plot 43

Date/Time: 5/28/2014 11:21:00 AM

Test Laboratory: Intertek

File Name: [CDMA BC0\\_0mm.da52:4](#)

### CDMA BC0\_0mm

Procedure Notes: Back side- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

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/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom MID Channel w\_Backoff/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

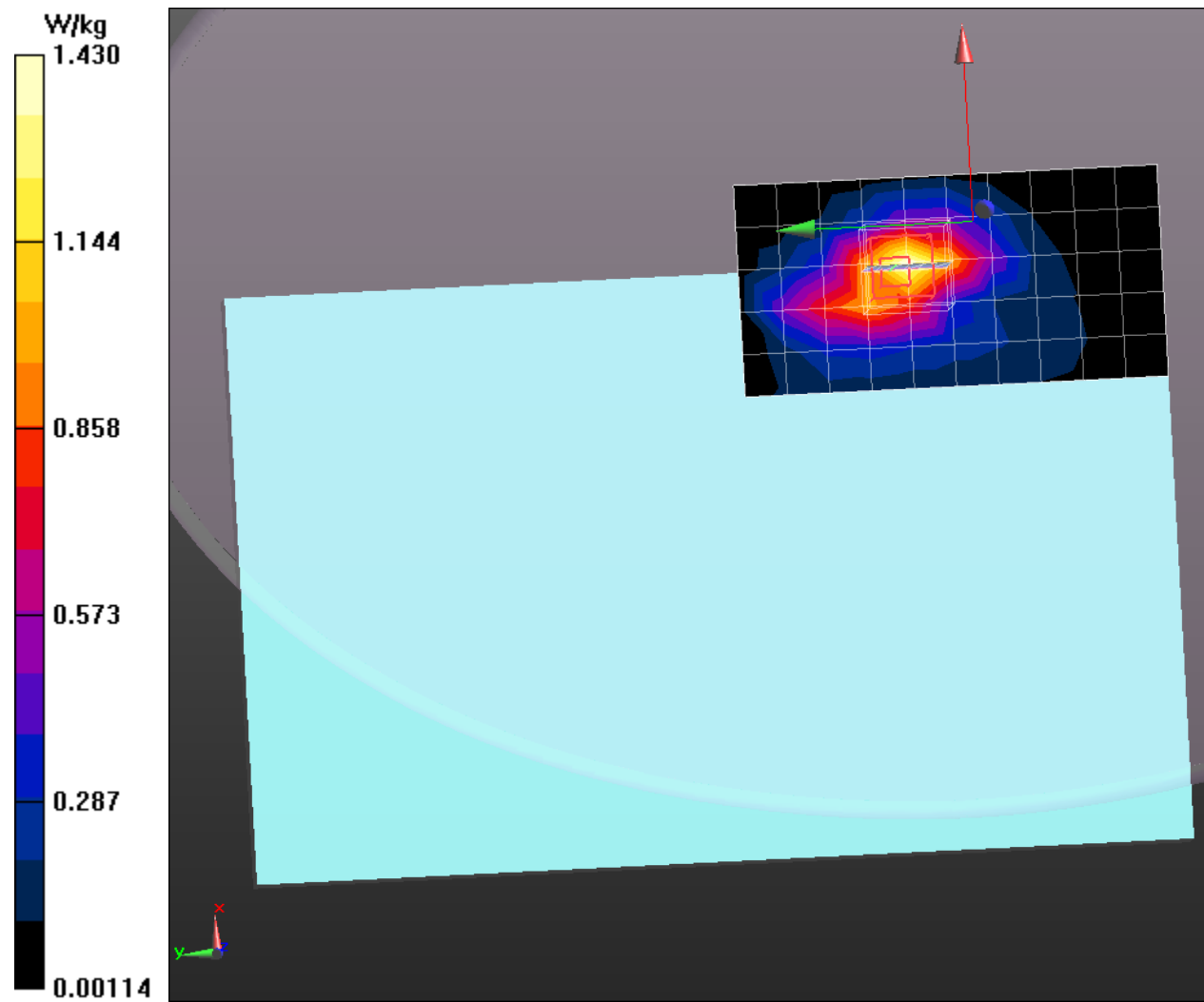
Maximum value of SAR (measured) = 1.43 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom MID Channel w\_Backoff/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 30.712 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 1.77 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.595 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.48 W/kg

SAR Plot 43



## SAR Plot 44

Date/Time: 5/28/2014 3:49:01 PM

Test Laboratory: Intertek

File Name: [CDMA BC10 1\\_0mm.da52:4](#)

### CDMA BC10 1\_0mm

Procedure Notes: Back Side- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA BC10; Frequency: 820 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 820 \text{ MHz}$ ;  $\sigma = 0.97 \text{ S/m}$ ;  $\epsilon_r = 53.625$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.996 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

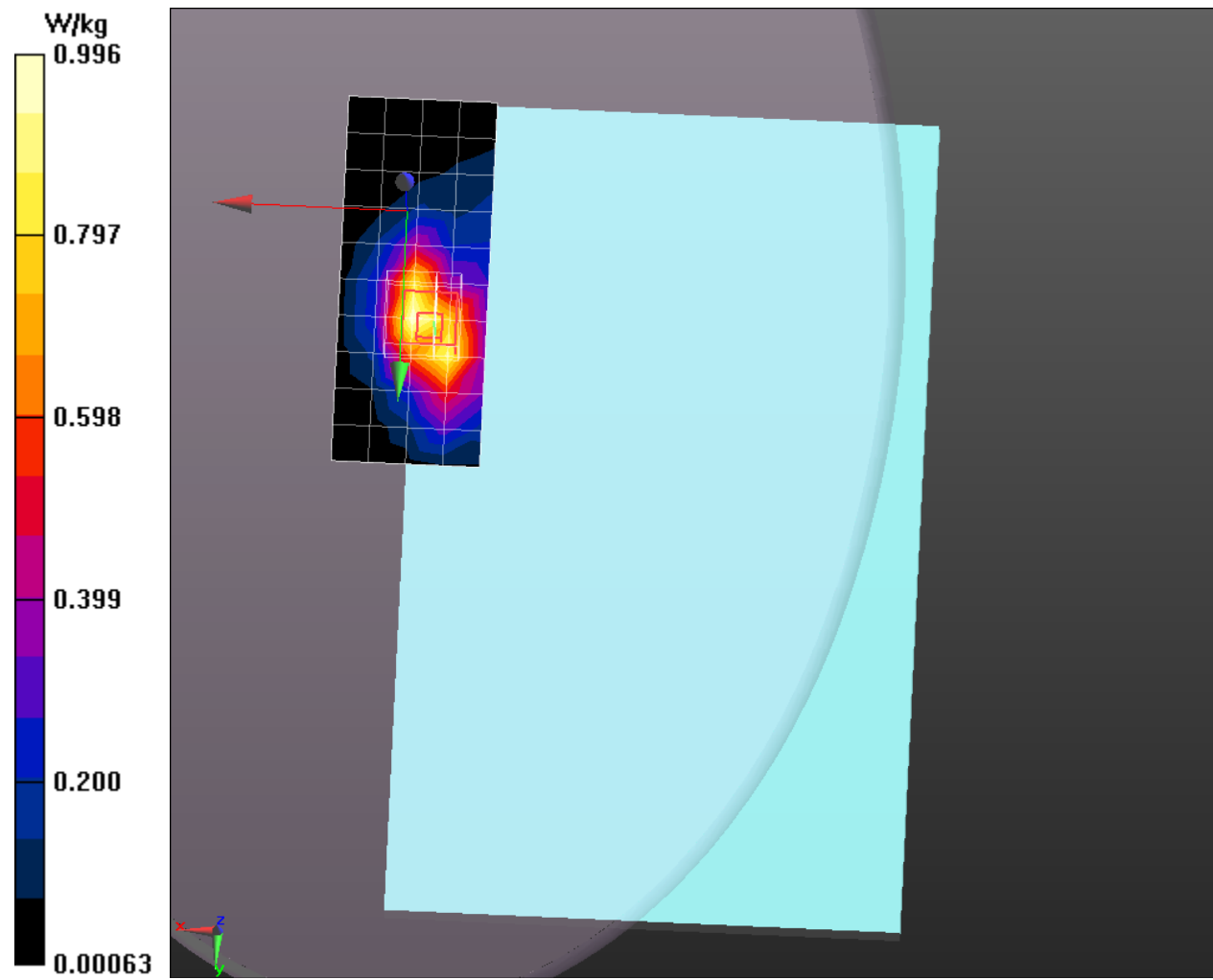
Reference Value = 27.297 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.467 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg

SAR Plot 44



## SAR Plot 45

Date/Time: 5/28/2014 4:48:12 PM

Test Laboratory: Intertek

File Name: [CDMA BC10 1\\_0mm.da52:4](#)

### CDMA BC10 1\_0mm

Procedure Notes: Back Side- High Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic CDMA (0); Communication System Band: CDMA BC10; Frequency: 822.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.75$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 53.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom High Channel/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.01 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom High Channel/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.337 V/m; Power Drift = 0.02 dB

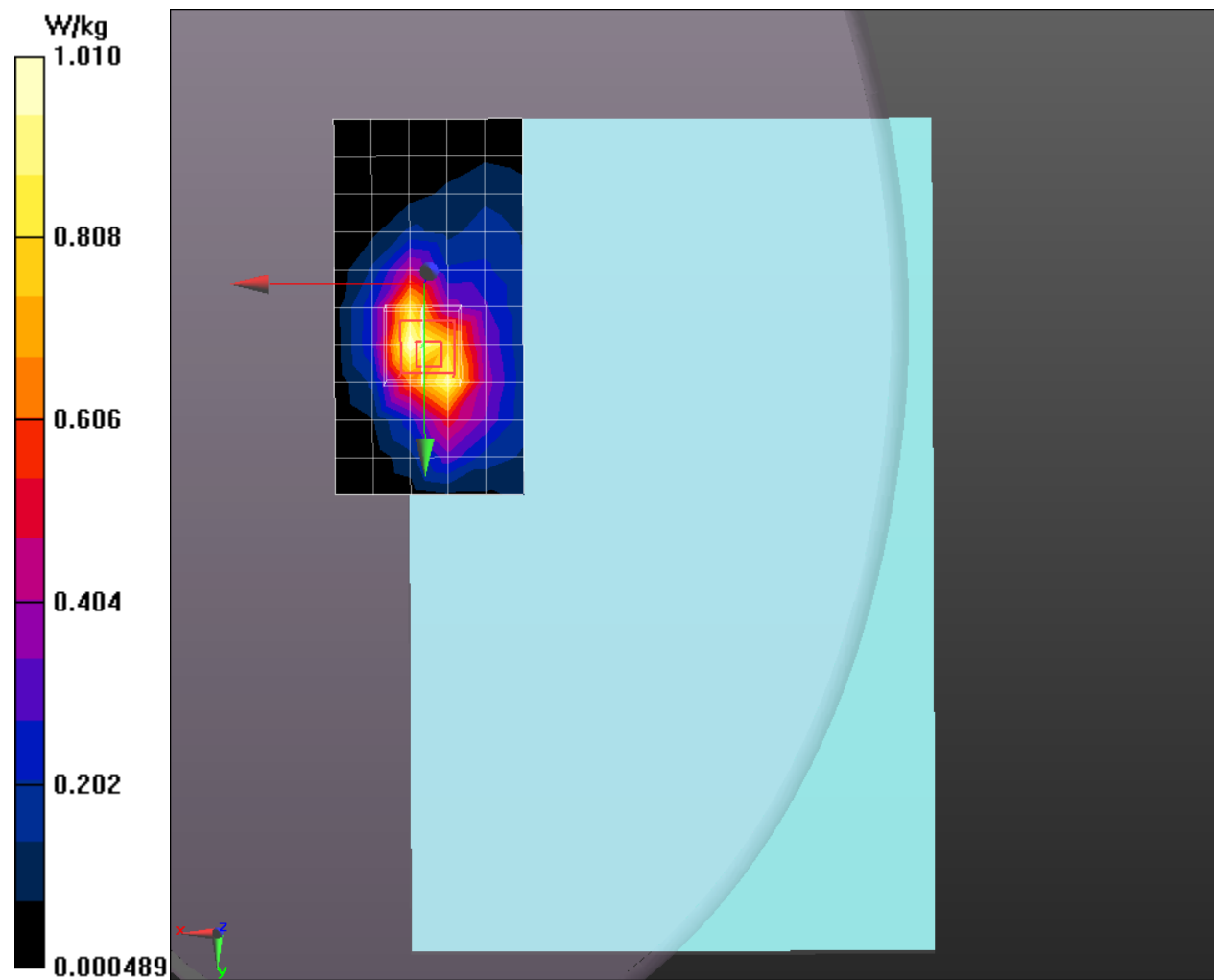
Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.479 W/kg**

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

Maximum value of SAR (measured) = 1.15 W/kg

SAR Plot 45





## SAR Plot 46

Date/Time: 5/28/2014 10:06:18 PM

Test Laboratory: Intertek

File Name: [GSM 850\\_0mm.da52:4](#)

### GSM 850\_0mm

Procedure Notes: Back Side- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic GSM 2 Slot (0); Communication System Band: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.36516

Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.986 \text{ S/m}$ ;  $\epsilon_r = 53.518$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.00 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.166 V/m; Power Drift = 0.00 dB

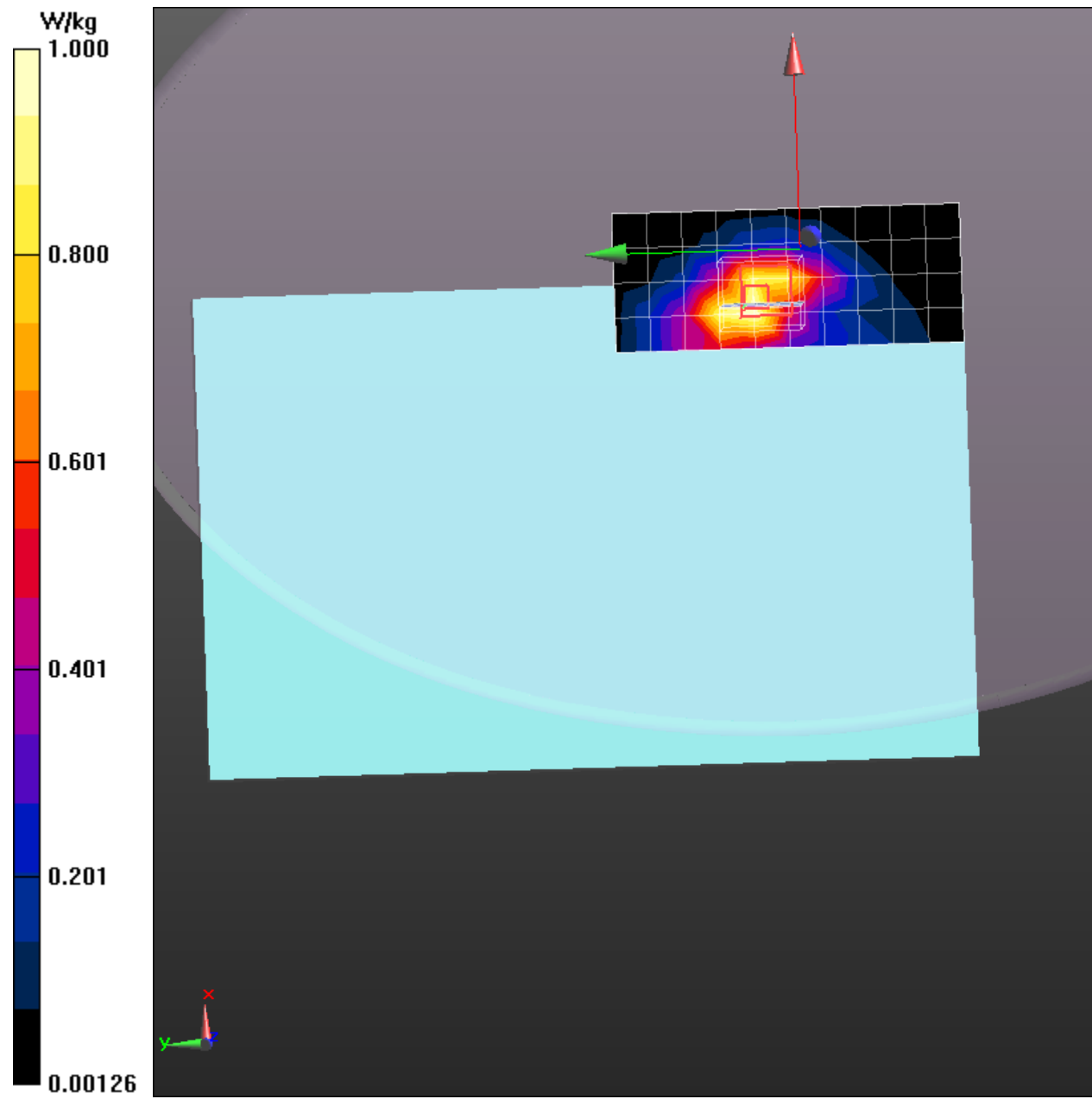
Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.482 W/kg**

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

Maximum value of SAR (measured) = 1.17 W/kg

SAR Plot 46



## SAR Plot 47

Date/Time: 5/20/2014 11:10:32 PM

Test Laboratory: Intertek

File Name: [UMTS Band V\\_0mm.da52:4](#)

### UMTS Band V\_0mm

Procedure Notes: Back Side- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic WCDMA (0); Communication System Band: Band V;  
Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.978$  S/m;  $\epsilon_r = 53.996$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.641 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.418 V/m; Power Drift = 0.05 dB

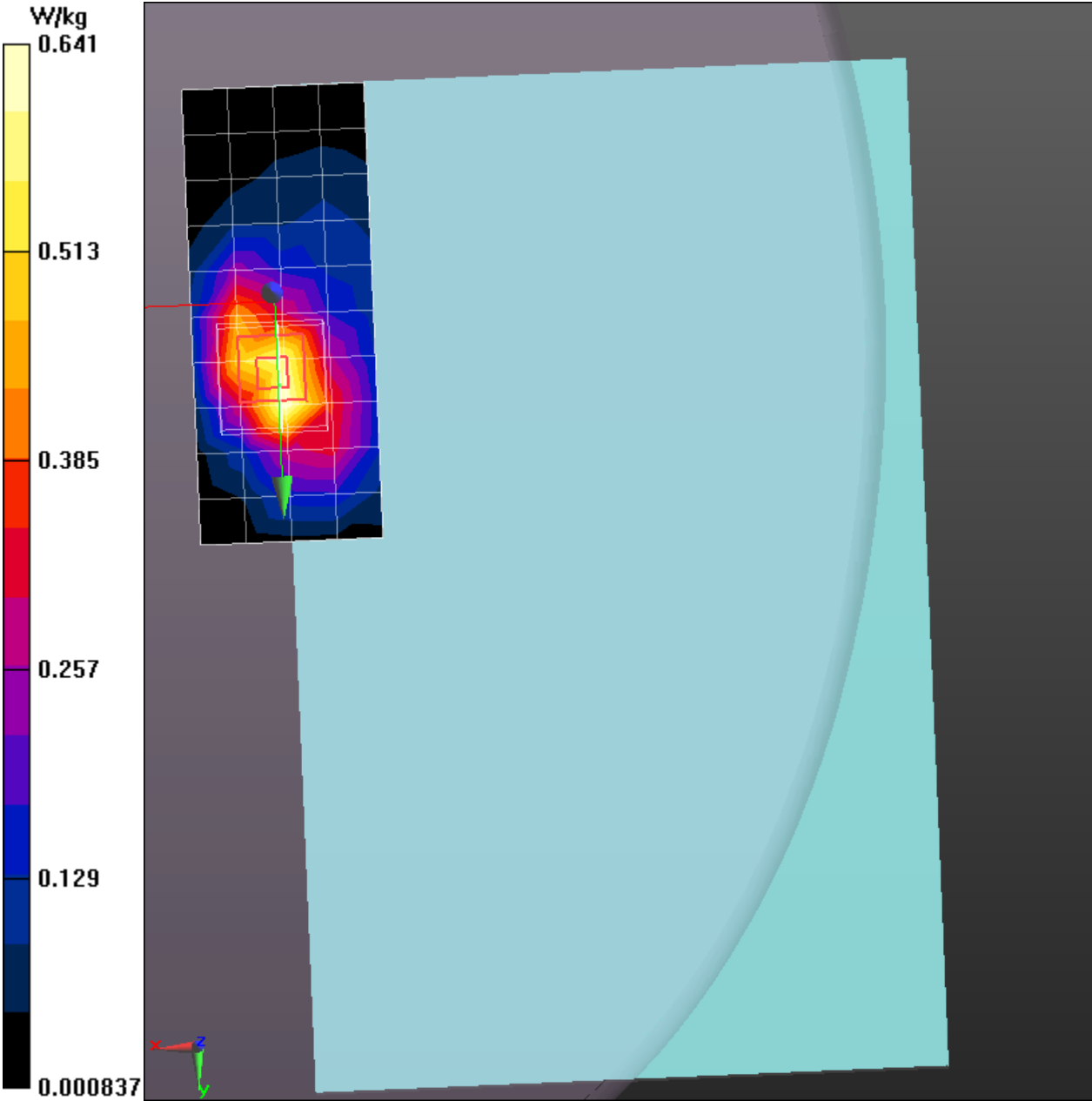
Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.310 W/kg**

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

Maximum value of SAR (measured) = 0.730 W/kg

SAR Plot 47



## SAR Plot 48

Date/Time: 5/19/2014 5:35:07 PM

Test Laboratory: Intertek

File Name: [LTE Band V 1RB\\_0mm.da52:4](#)

### LTE Band V 1RB\_0mm

Procedure Notes: Back Side – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 53.997$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 1RB, Offset=49/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

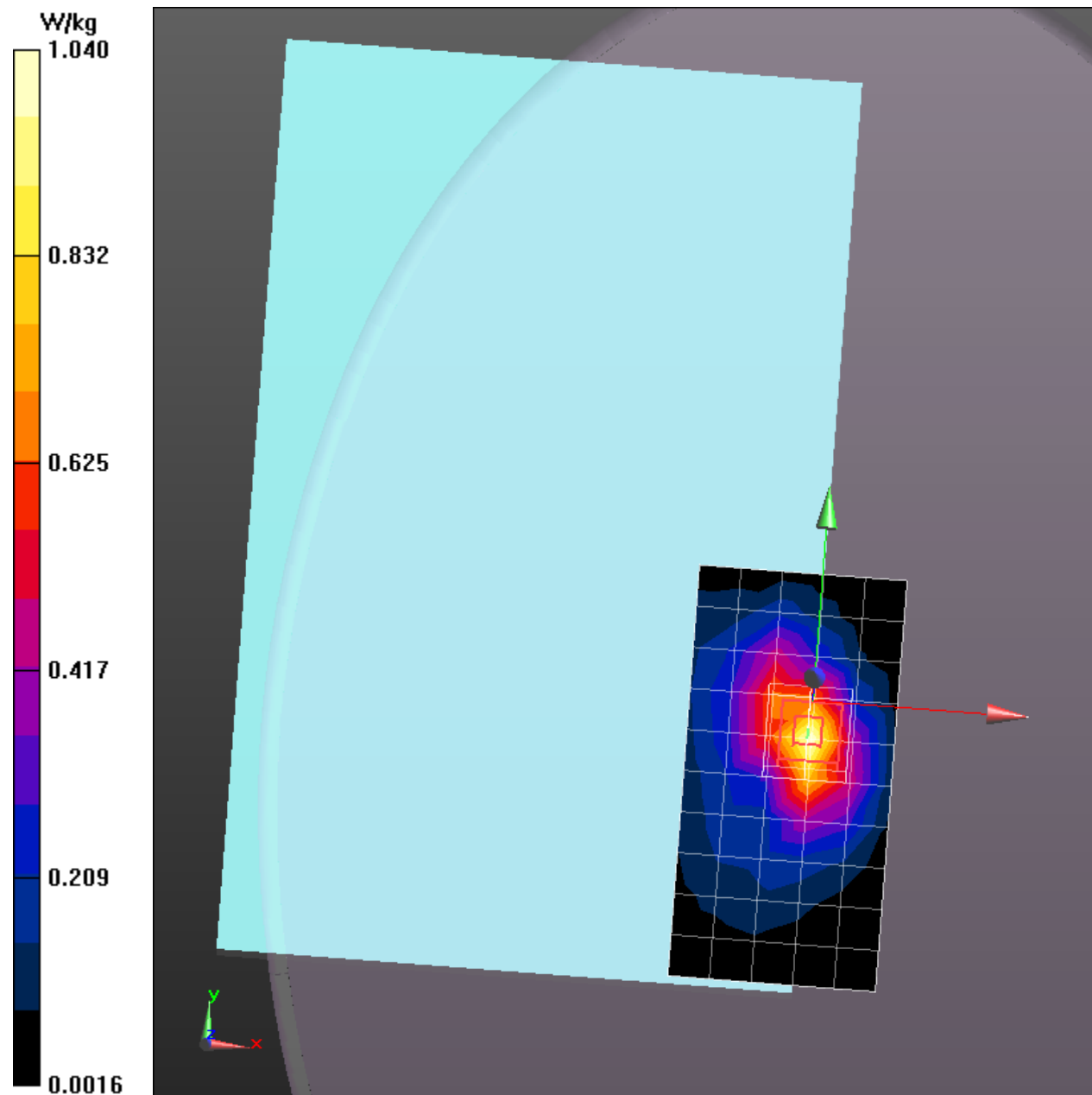
Maximum value of SAR (measured) = 1.04 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 1RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 26.571 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 1.20 W/kg  
**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.434 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.02 W/kg

SAR Plot 48



## SAR Plot 49

Date/Time: 5/19/2014 5:12:24 PM

Test Laboratory: Intertek

File Name: [LTE Band V 25RB\\_0mm.da52:4](#)

### **LTE Band V 25RB\_0mm**

Procedure Notes:

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 53.997$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 25RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

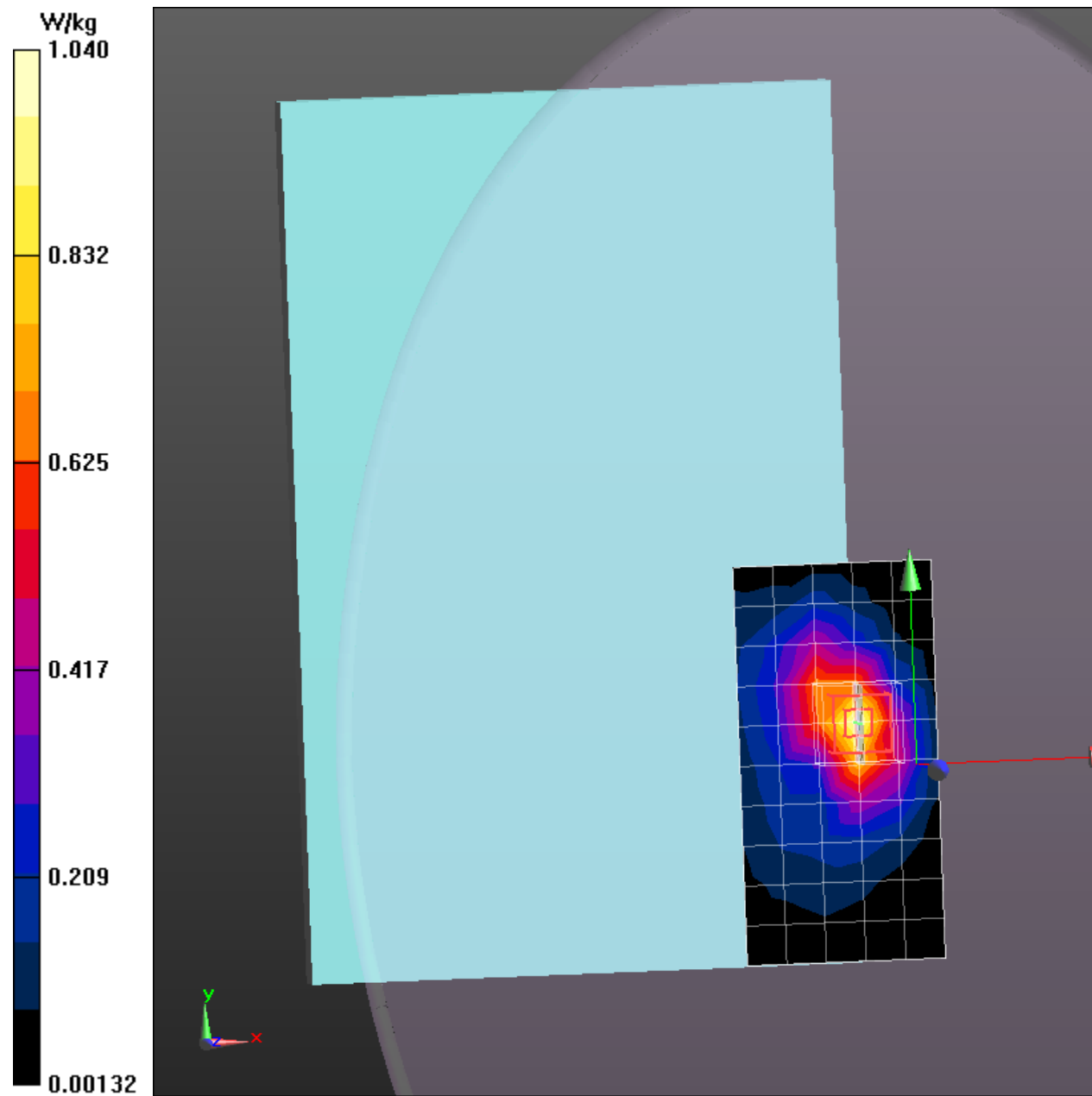
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.04 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 25RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 26.793 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.20 W/kg  
**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.436 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.03 W/kg

SAR Plot 49





## SAR Plot 50

Date/Time: 5/19/2014 4:47:48 PM

Test Laboratory: Intertek

File Name: [LTE Band V 50RB\\_0mm.da52:4](#)

### **LTE Band V 50RB\_0mm**

Procedure Notes: Back Side – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 53.997$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.42, 10.42, 10.42); 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)

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 50RB, Offset=0/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

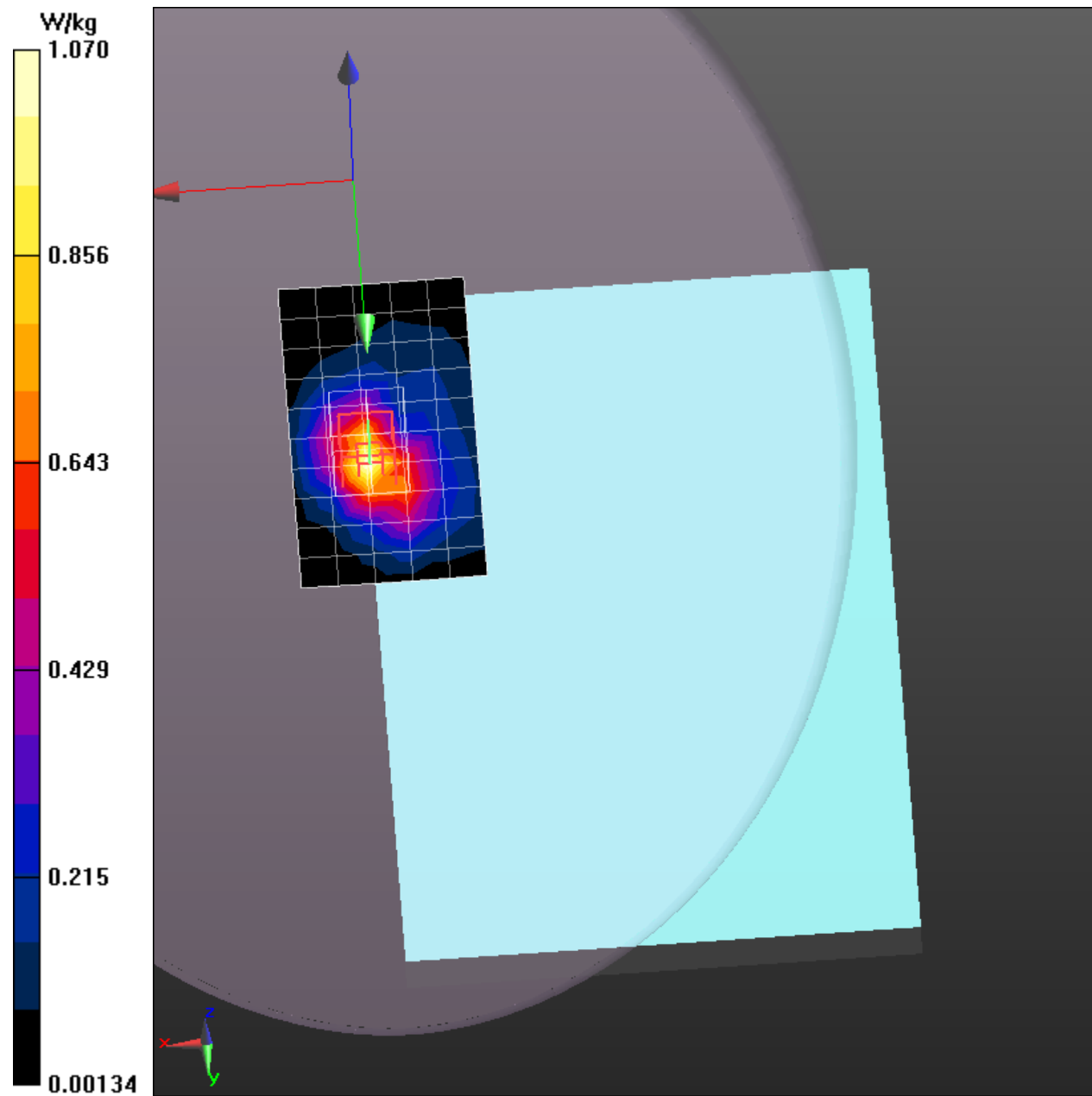
Maximum value of SAR (measured) = 1.07 W/kg

**WWAN Flat-Section MSL Testing/Back Side of Device 0mm Away From Phantom Mid Channel, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 26.761 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.22 W/kg  
**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.441 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.04 W/kg

SAR Plot 50



## SAR Plot 51

Date/Time: 5/7/2014 6:26:39 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 1RB\\_0mm.da52:4](#)

### **LTE Band 13 1RB\_0mm**

Procedure Notes: Tilted 57 degrees – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.33 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.031 V/m; Power Drift = 0.07 dB

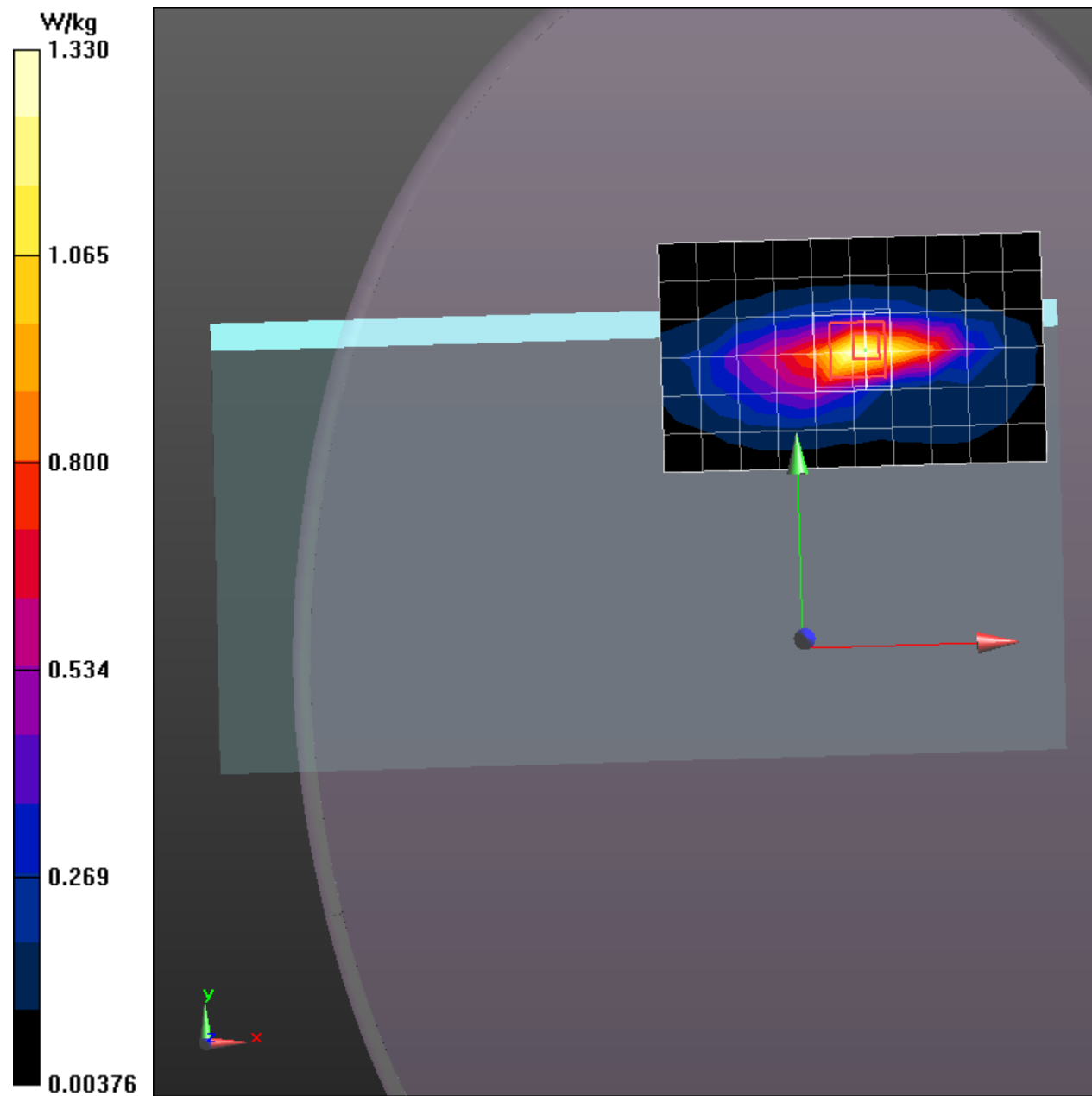
Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.460 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.42 W/kg

### SAR Plot 51



## SAR Plot 52

Date/Time: 5/7/2014 6:00:36 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 25RB\\_0mm.da52:4](#)

### **LTE Band 13 25RB\_0mm**

Procedure Notes: Tilted 57 degrees - Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 25RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.37 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 25RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

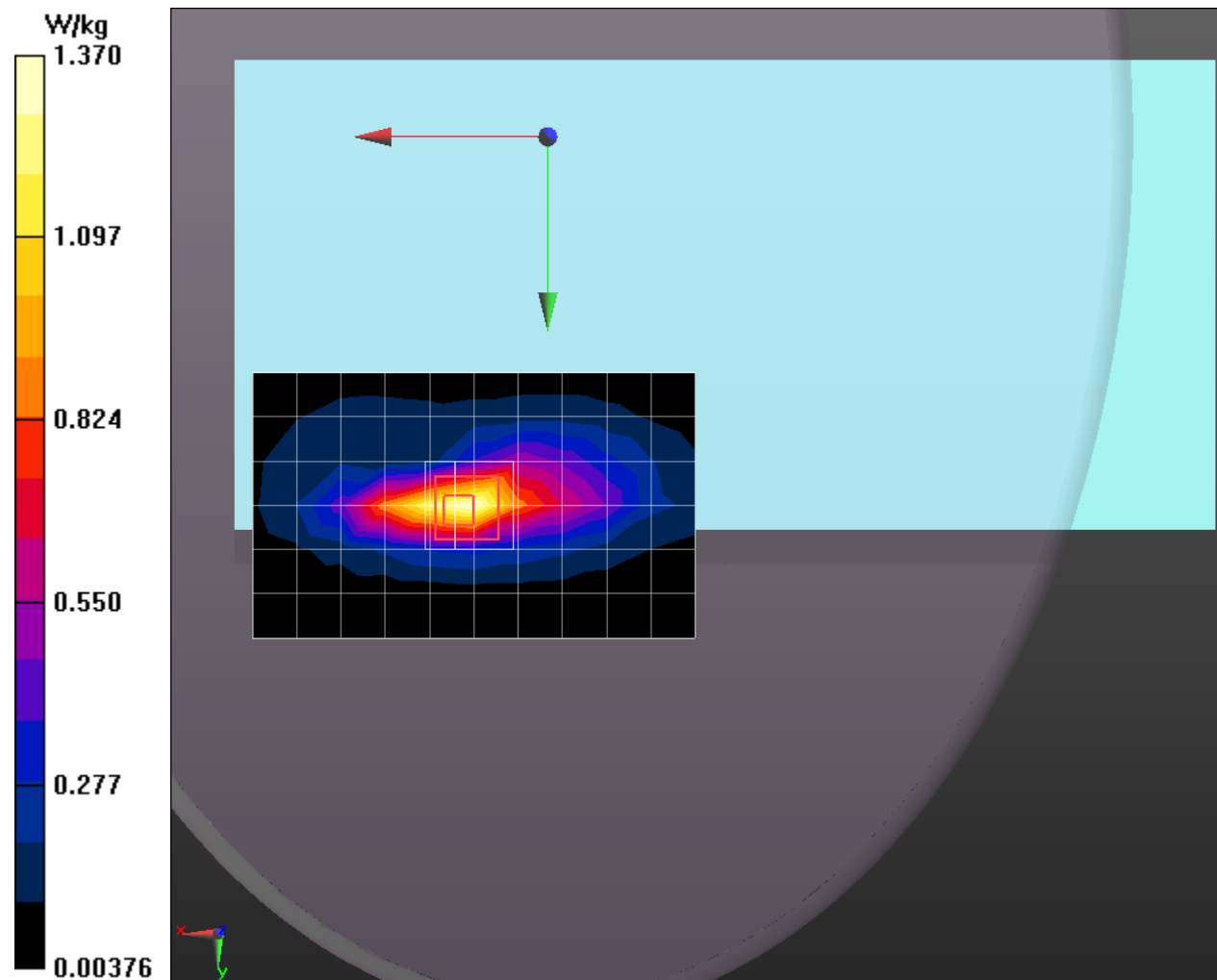
Reference Value = 29.702 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.476 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.46 W/kg

SAR Plot 52



## SAR Plot 53

Date/Time: 5/7/2014 5:33:02 PM

Test Laboratory: Intertek

File Name: [LTE Band 13 50RB\\_0mm.da52:4](#)

### **LTE Band 13 50RB\_0mm**

Procedure Notes: Tilted 57 degrees – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.985 \text{ S/m}$ ;  $\epsilon_r = 55.491$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.34 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

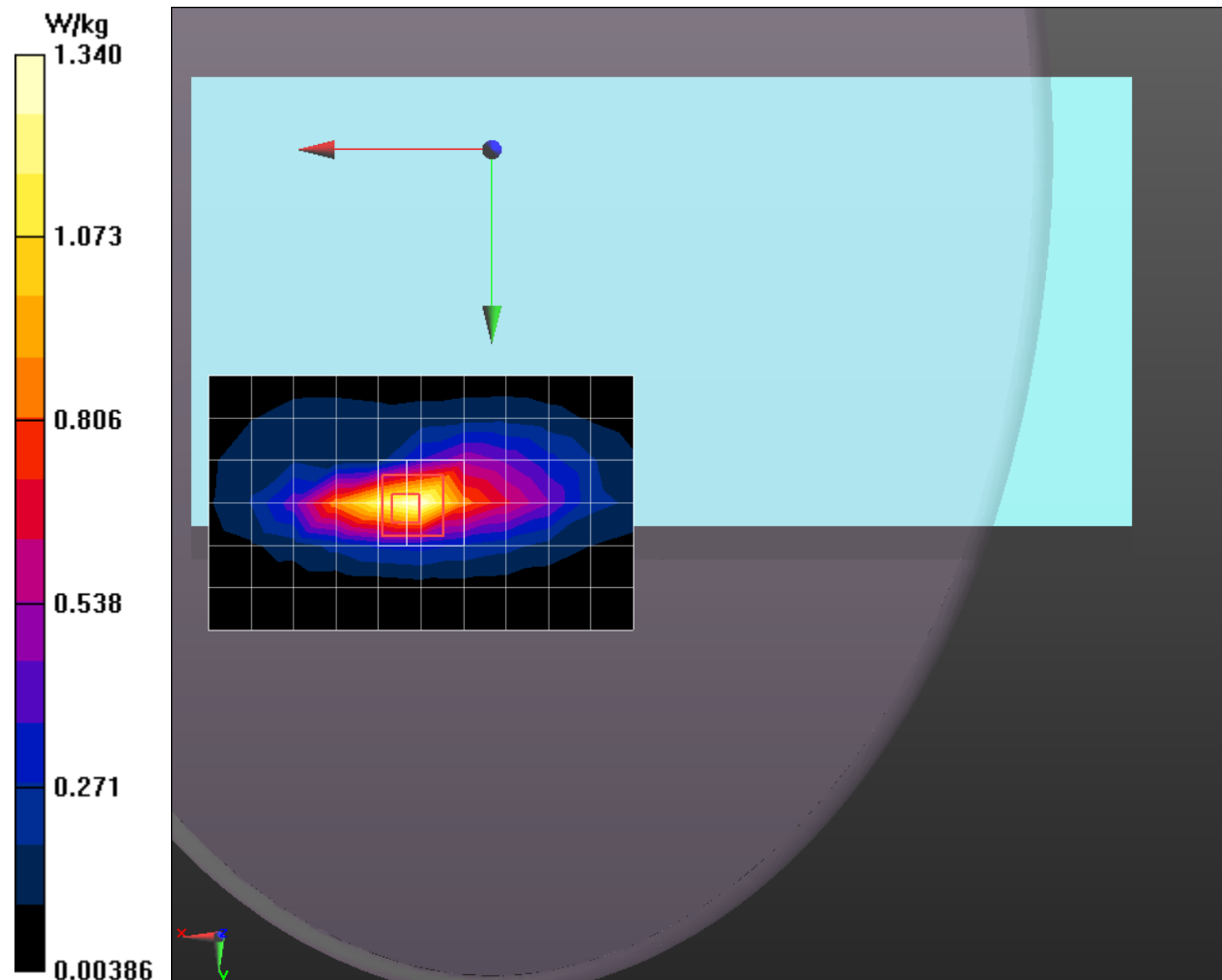
Reference Value = 29.377 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.479 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.46 W/kg

SAR Plot 53





## SAR Plot 54

Date/Time: 5/8/2014 10:10:01 AM

Test Laboratory: Intertek

File Name: [LTE Band 17 1RB\\_0mm.da52:4](#)

### LTE Band 17 1RB\_0mm

Procedure Notes: Tilted 57 degrees- Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=49/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 1RB, Offset=49/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

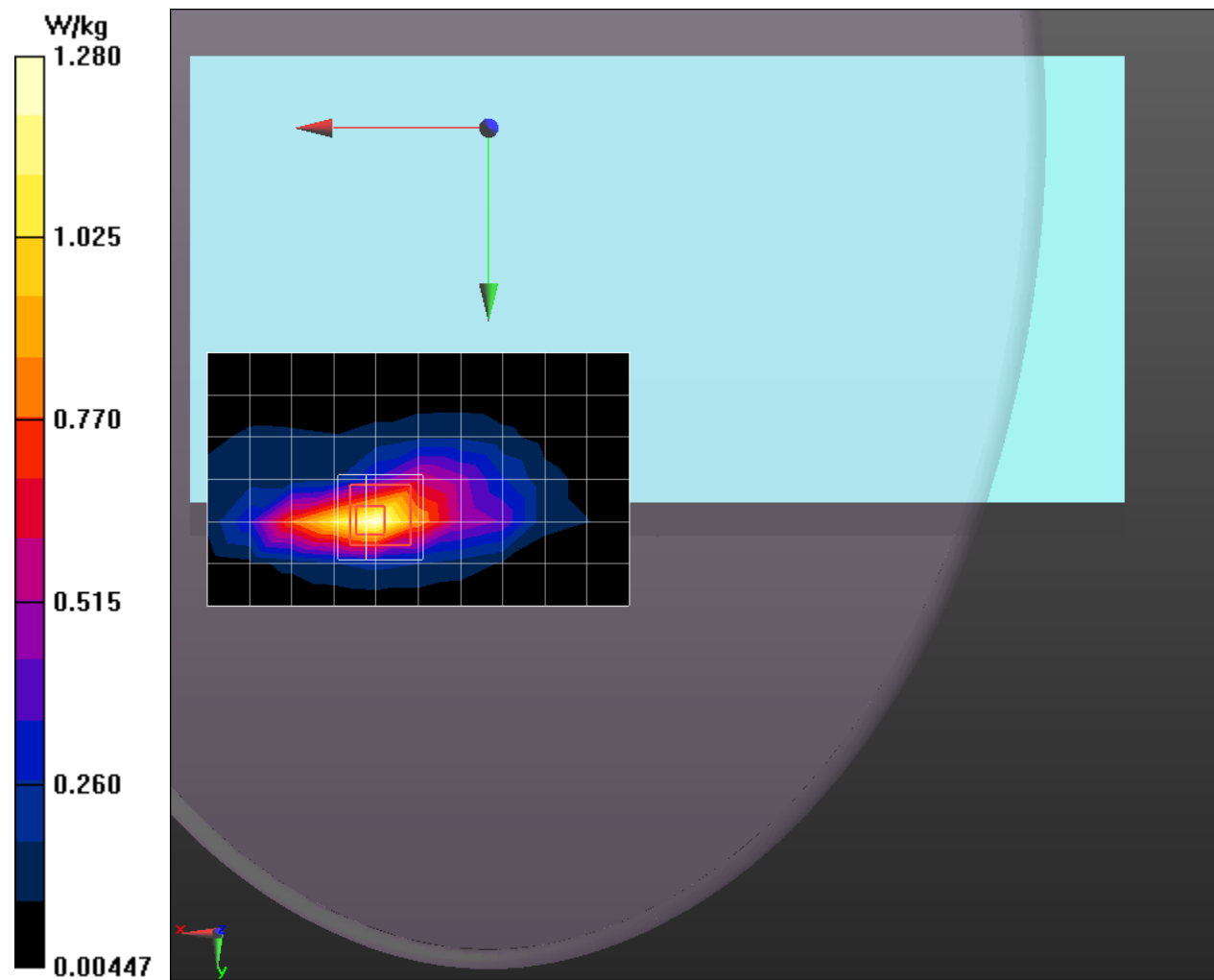
Reference Value = 18.982 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.428 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg

SAR Plot 54



## SAR Plot 55

Date/Time: 5/8/2014 9:38:43 AM

Test Laboratory: Intertek

File Name: [LTE Band 17 25RB\\_0mm.da52:4](#)

### **LTE Band 17 25RB\_0mm**

Procedure Notes: Tilted 57 degrees – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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
- DASYS 52.8.7(1137); SEMCAD X 14.6.10(7164)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 25RB, Offset=24/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.39 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 25RB, Offset=24/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

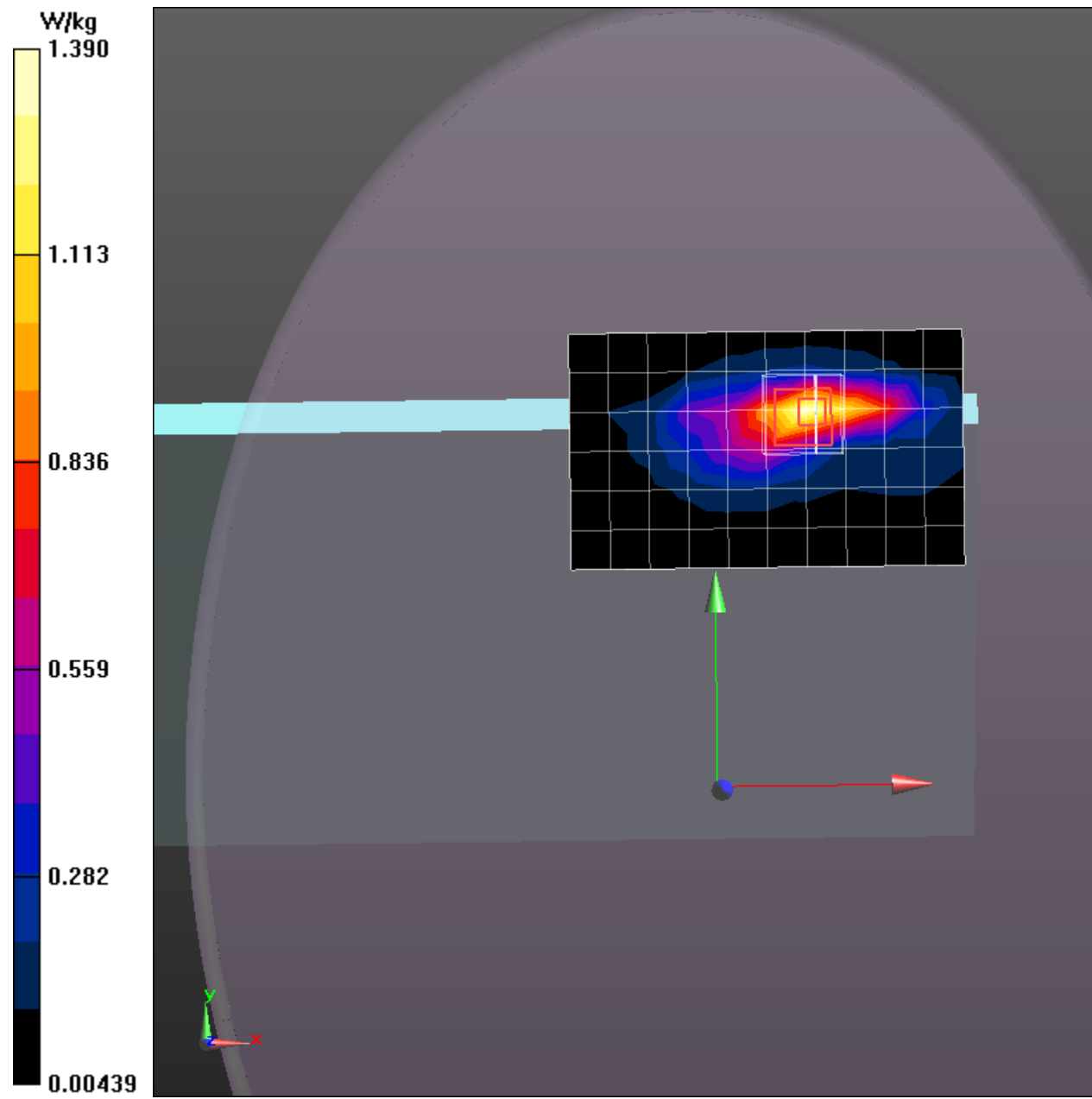
Reference Value = 19.600 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.457 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg

SAR Plot 55



## SAR Plot 56

Date/Time: 5/8/2014 8:53:17 AM

Test Laboratory: Intertek

File Name: [LTE Band 17 50RB\\_0mm.da52:4](#)

### **LTE Band 17 50RB\_0mm**

Procedure Notes: Tilted 57 degrees – Mid Channel

**DUT: Motion Computing Tablet; Serial: 3344838600018**

Communication System: UID 0, Generic LTE 10 MHz Bandwidth (0); Communication System Band: Band 17; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 56.23$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(10.47, 10.47, 10.47); 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)

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=0/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.43 W/kg

**WWAN Flat-Section MSL Testing/Top Edge Tilted 57deg of Device 0mm Away From Phantom, 50RB, Offset=0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

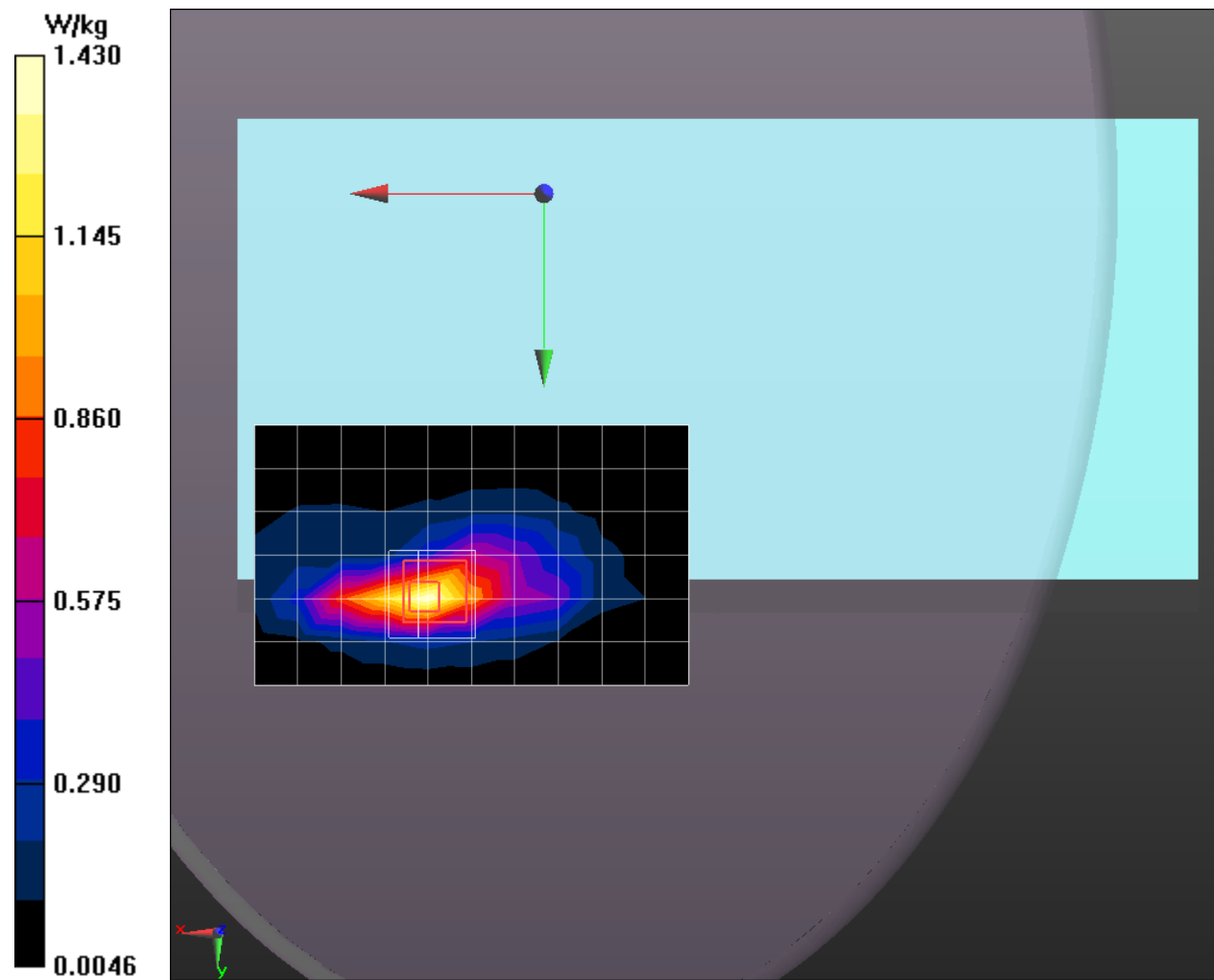
Reference Value = 22.923 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.461 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg

SAR Plot 56



## Appendix B

Date/Time: 5/16/2014 1:47:10 PM

Test Laboratory: Intertek

File Name: [1800 MHz Dipole Validation 5.16.14.da52:2](#)

### 1800 MHz Dipole Validation 5.16.14

Procedure Notes:

**DUT: Dipole 1800 MHz D1800V2; Serial: D1800V2 - SN:xxx**

Communication System: CW (0); Communication System Band: D1900 (1900.0 MHz);  
Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.636 \text{ S/m}$ ;  $\epsilon_r = 51.069$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV3 - SN3516; ConvF(8.54, 8.54, 8.54); Calibrated: 12/13/2013;
- Sensor-Surface: 2mm (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 14.6.8(7028)

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=100mW, dist=2.0mm (EX-Probe)/Area Scan (4x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 5.64 W/kg

**System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=100mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm

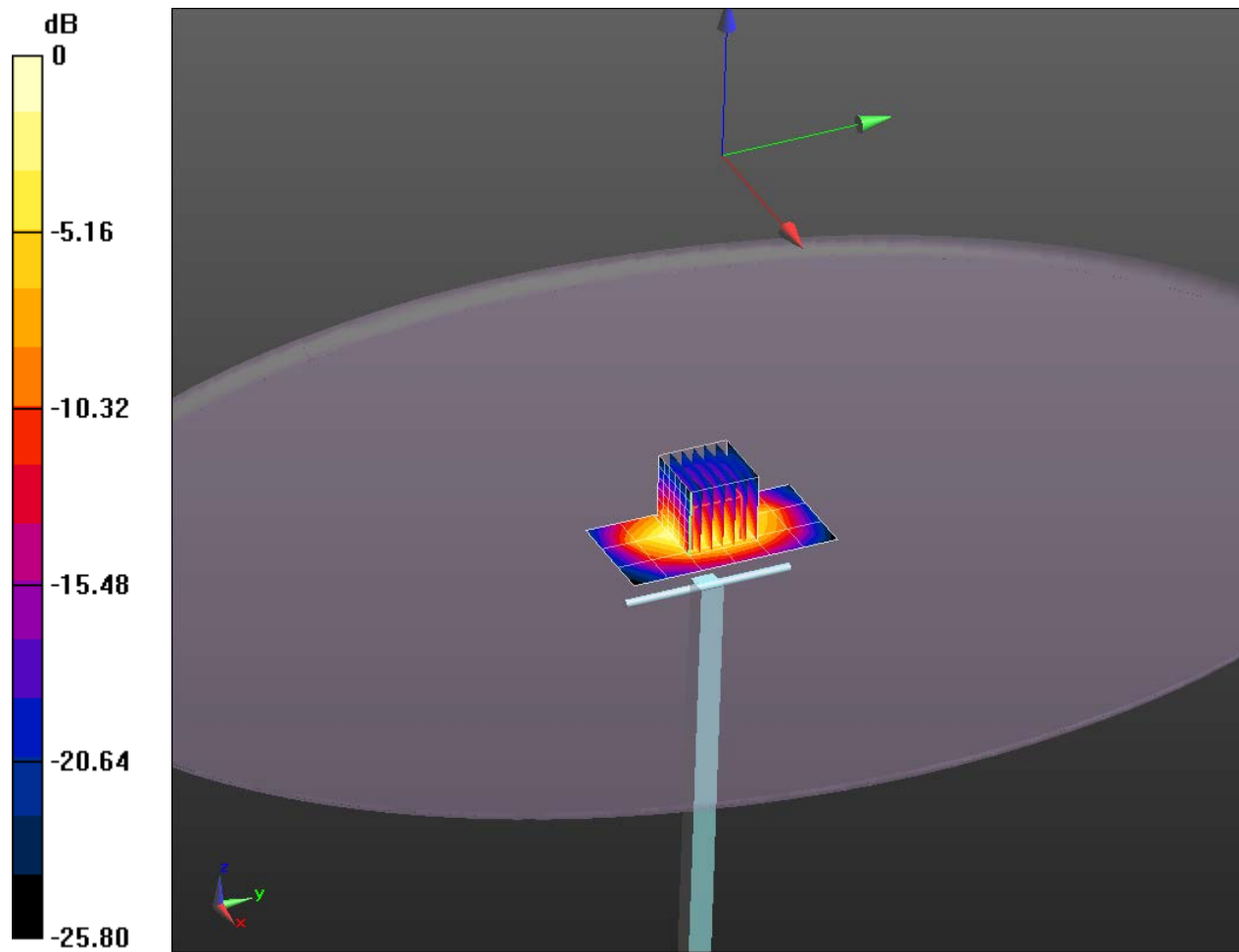
Reference Value = 59.911 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 75.6 W/kg

**SAR(1 g) = 41.7 W/kg; SAR(10 g) = 21.9 W/kg**

Normalized to target power = 1 W and actual power = 0.1 W

Maximum value of SAR (measured) = 59.7 W/kg



0 dB = 5.64 W/kg = 7.51 dBW/kg