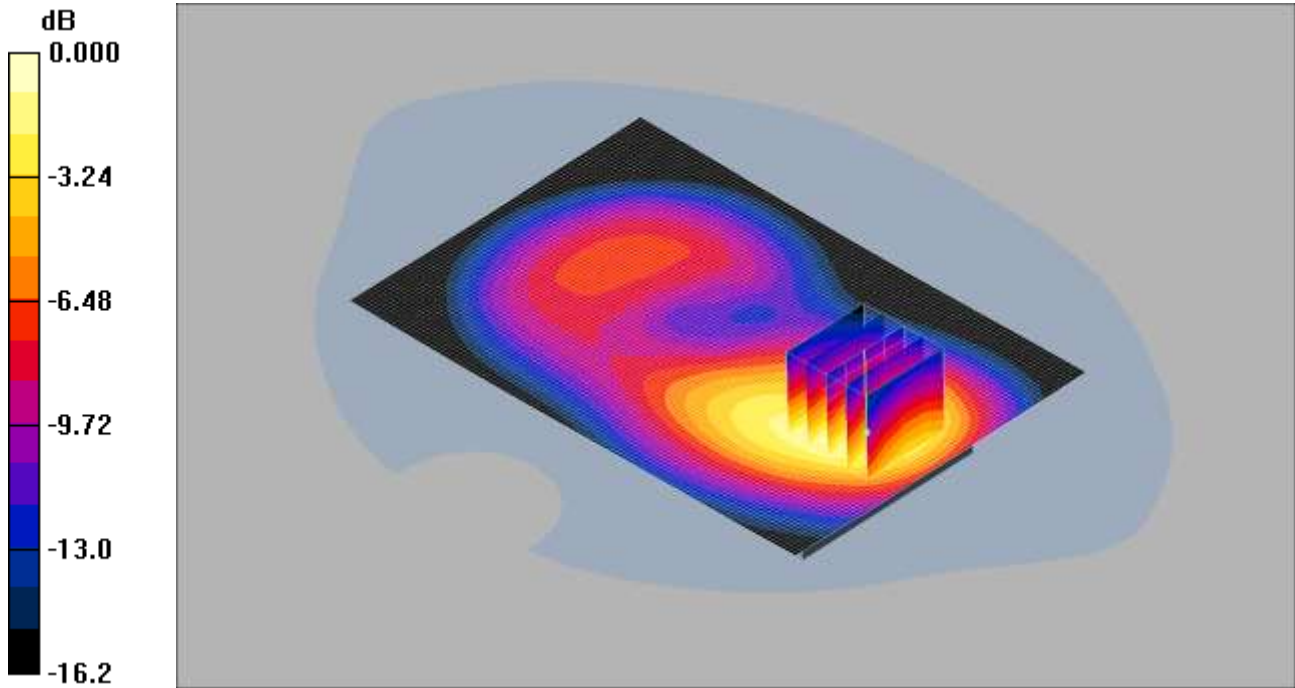


SCN/90893JD02/184: Front of EUT Facing Phantom at 15mm separation LTE Band 4 20MHz BW 1RB Middle QPSK CH20175  
 Date: 15/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.02mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Middle/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.01 mW/g

**Front of EUT Facing Phantom at 15mm Separation- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.45 V/m; Power Drift = -0.082 dB

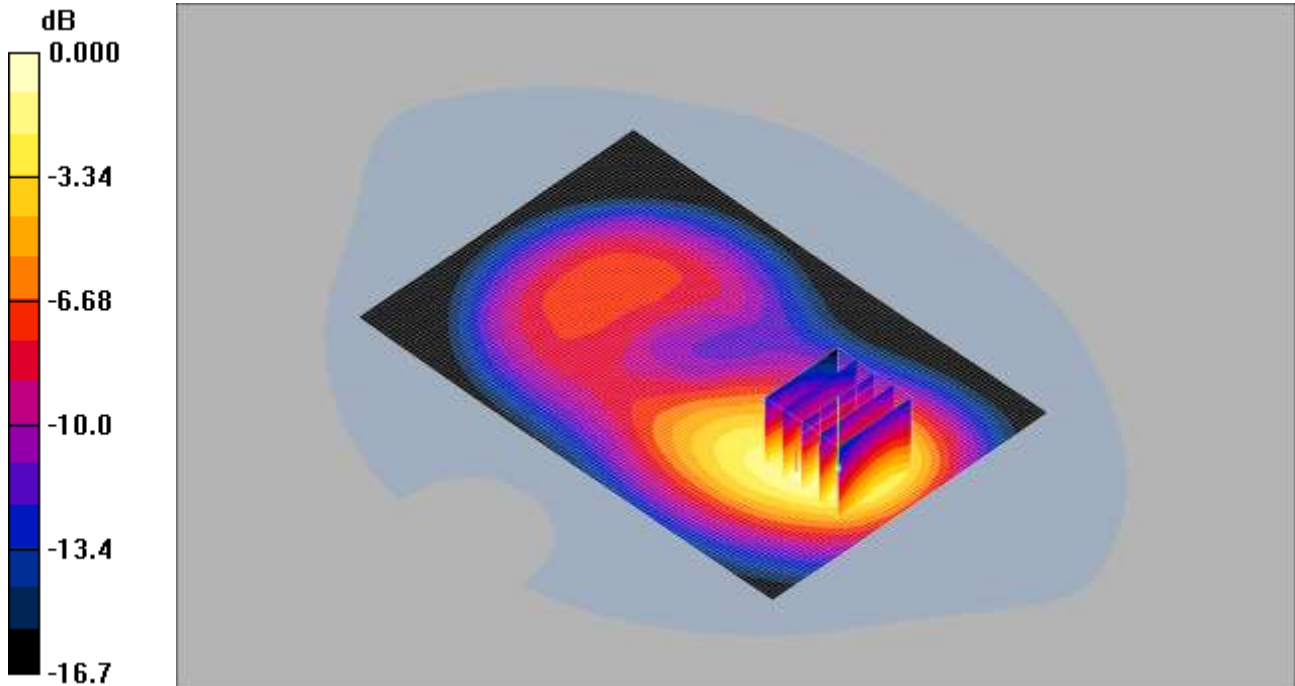
Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.548 mW/g**

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

SCN/90893JD02/185: Front of EUT Facing Phantom at 15mm separation LTE Band 4 20MHz BW 1RB Middle QPSK CH20050  
 Date: 15/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.16mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1720$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Low/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.19 mW/g

**Front of EUT Facing Phantom at 15mm Separation- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.87 V/m; Power Drift = -0.042 dB

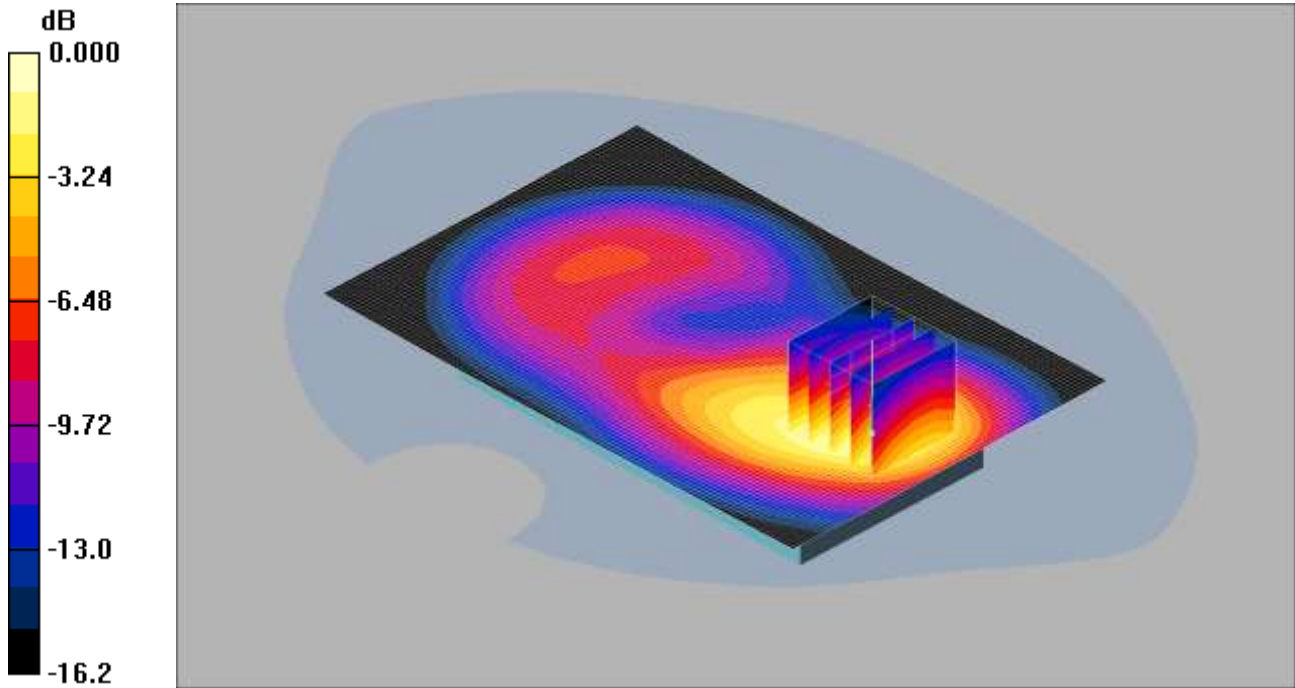
Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.636 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g

SCN/90893JD02/186: Front of EUT Facing Phantom at 15mm separation LTE Band 4 20MHz BW 1RB Middle QPSK CH20300  
 Date: 15/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.06mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1745 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- High/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.03 mW/g

**Front of EUT Facing Phantom at 15mm Separation- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.13 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.569 mW/g**

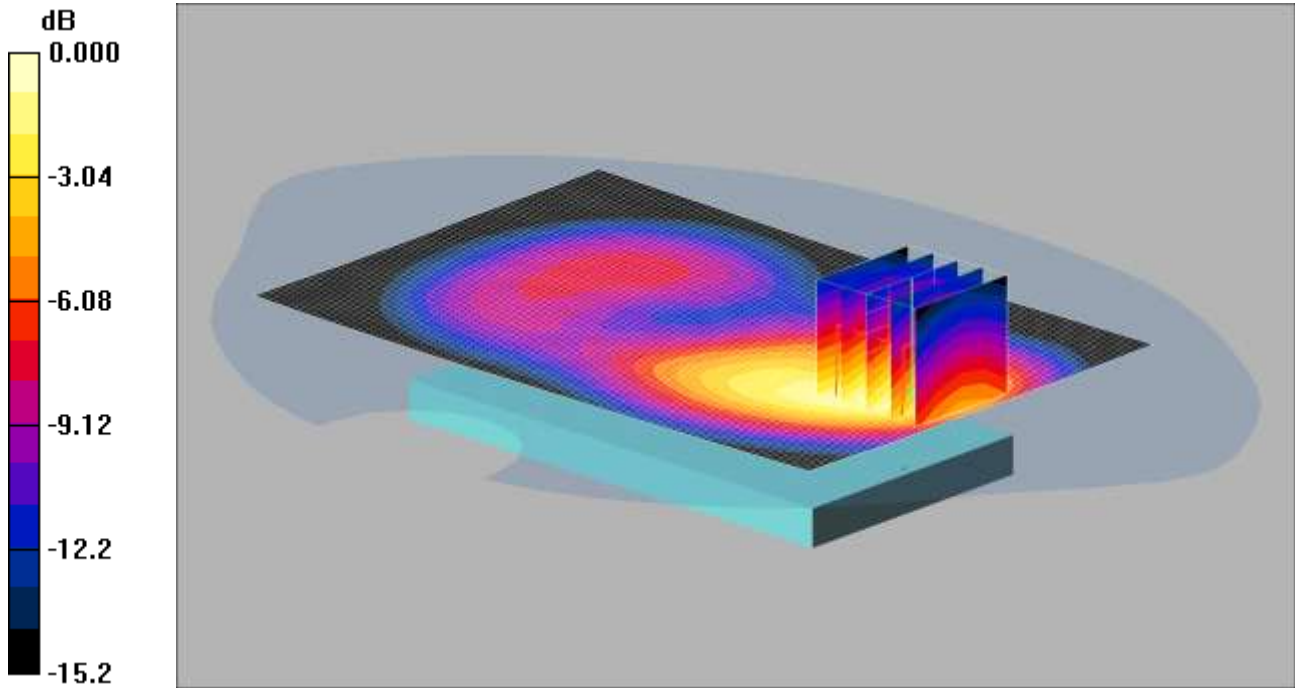
Maximum value of SAR (measured) = 1.06 mW/g

SCN/90893JD02/187: Front of EUT Facing Phantom at 15mm separation LTE Band 4 20MHz BW 50 % RB

Middle QPSK CH20175

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.799mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1745 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- High/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 0.783 mW/g

**Front of EUT Facing Phantom at 15mm Separation- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.99 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.13 W/kg

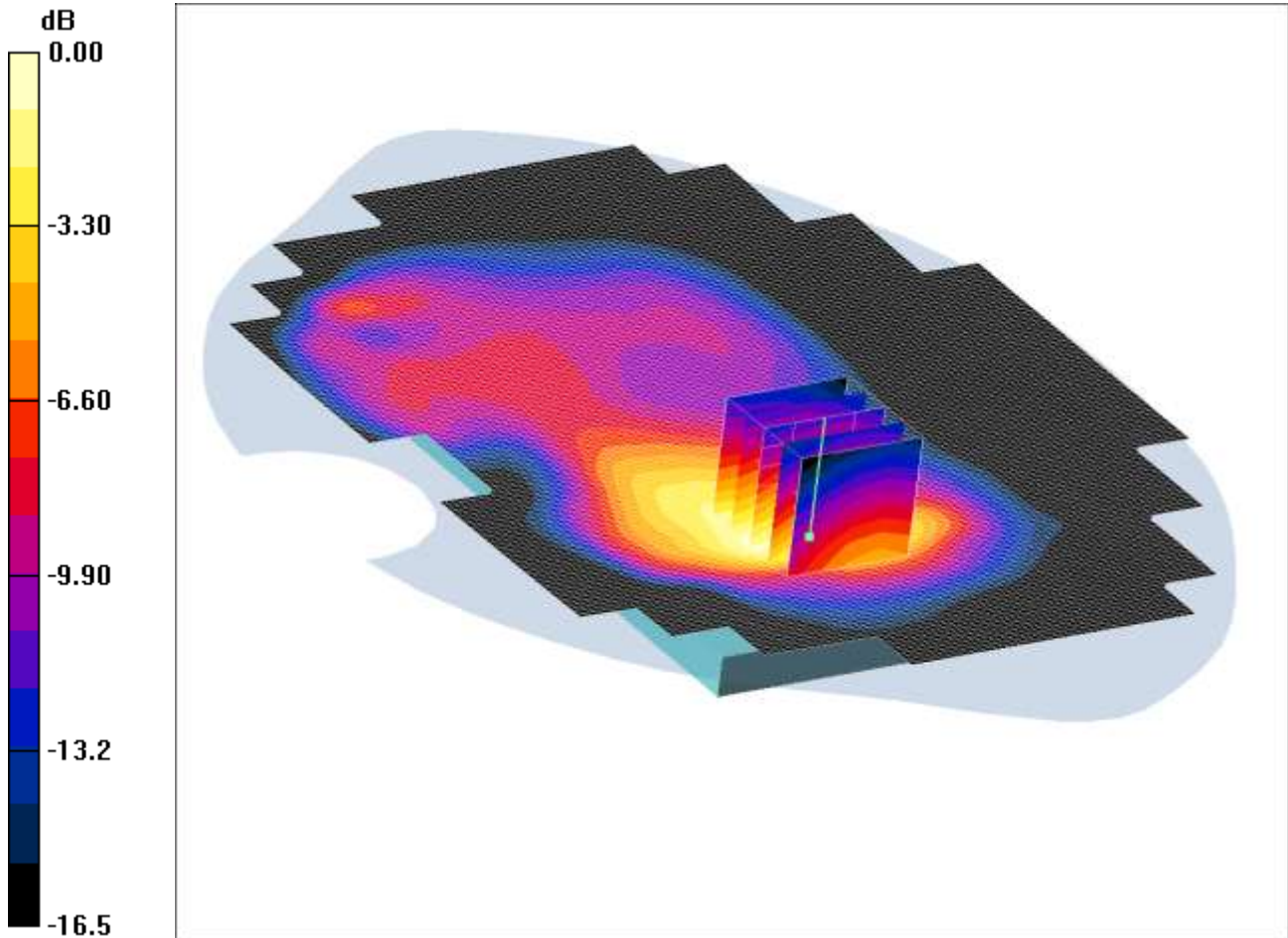
**SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.799 mW/g

SCN/90893JD02/188: Front of EUT Facing Phantom at 15mm separation with PHF LTE Band 4 20MHz BW 1 RB Middle QPSK CH20050

Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.12mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1720$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom at 15mm Separation with PHF- Low/Area Scan (121x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.31 mW/g

**Front of EUT Facing Phantom at 15mm Separation with PHF- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.601 mW/g**

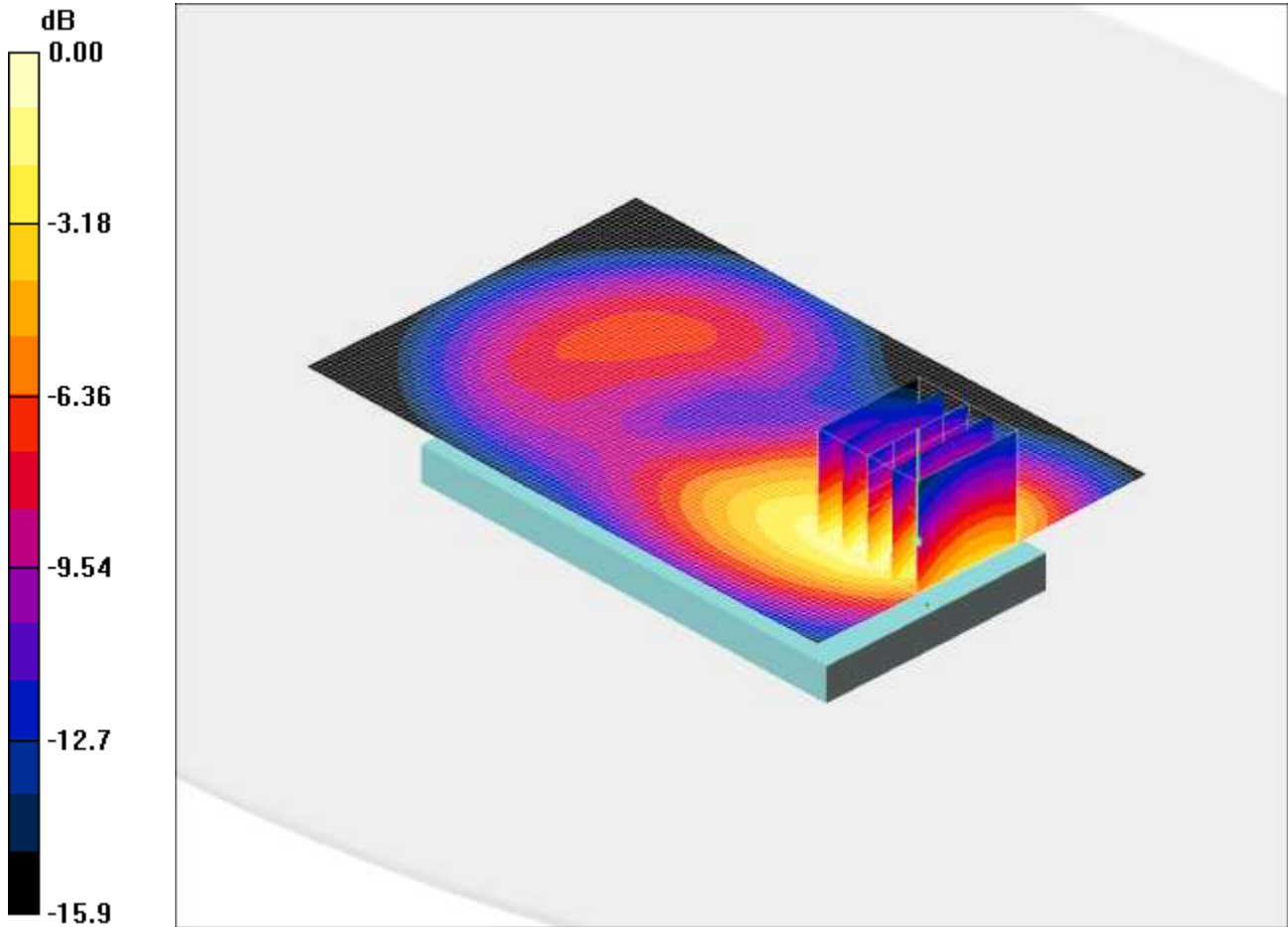
Maximum value of SAR (measured) = 1.12 mW/g

SCN/90893JD02/189: Front of EUT Facing Phantom at 15mm LTE Band 4 20MHz BW 100% RB QPSK

CH20050

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD



0 dB = 0.763mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1720$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - High 2/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.752 mW/g

**Front of EUT Facing Phantom - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

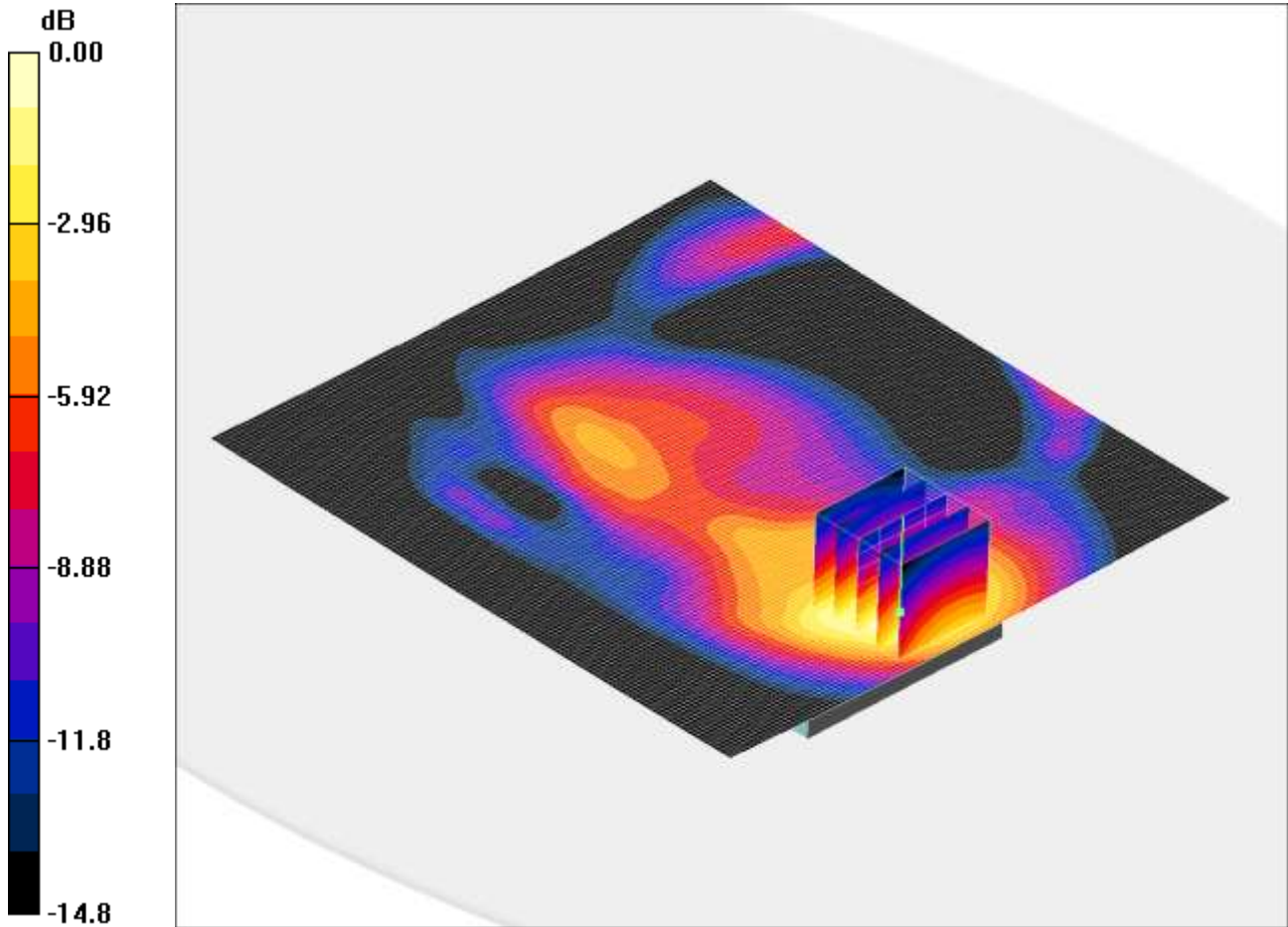
Reference Value = 6.28 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.763 mW/g

SCN/90893JD02/190: Front of EUT Facing Phantom at 15mm with PHF LTE Band 4 20MHz BW 100% RB QPSK CH20050  
 Date: 08/02/2013  
**DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD**



0 dB = 0.466mW/g

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz;Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1720 MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - High 2/Area Scan (121x131x1):** Measurement grid: dx=15mm, dy=15mm

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

**Front of EUT Facing Phantom - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 7.64 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.671 W/kg

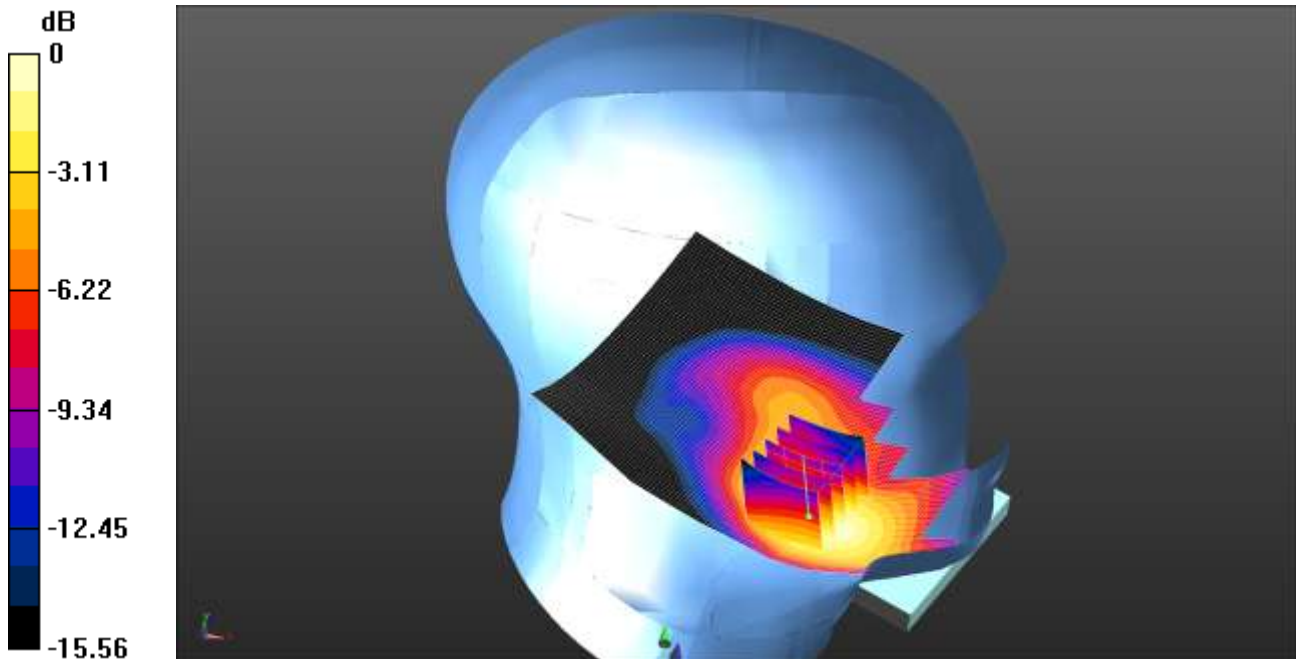
**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.466 mW/g

SCN/90893JD02/191: Touch Left LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.782 W/kg = -1.07 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle 2/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

**Configuration/Touch Left - Middle 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.635 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.466 W/kg**

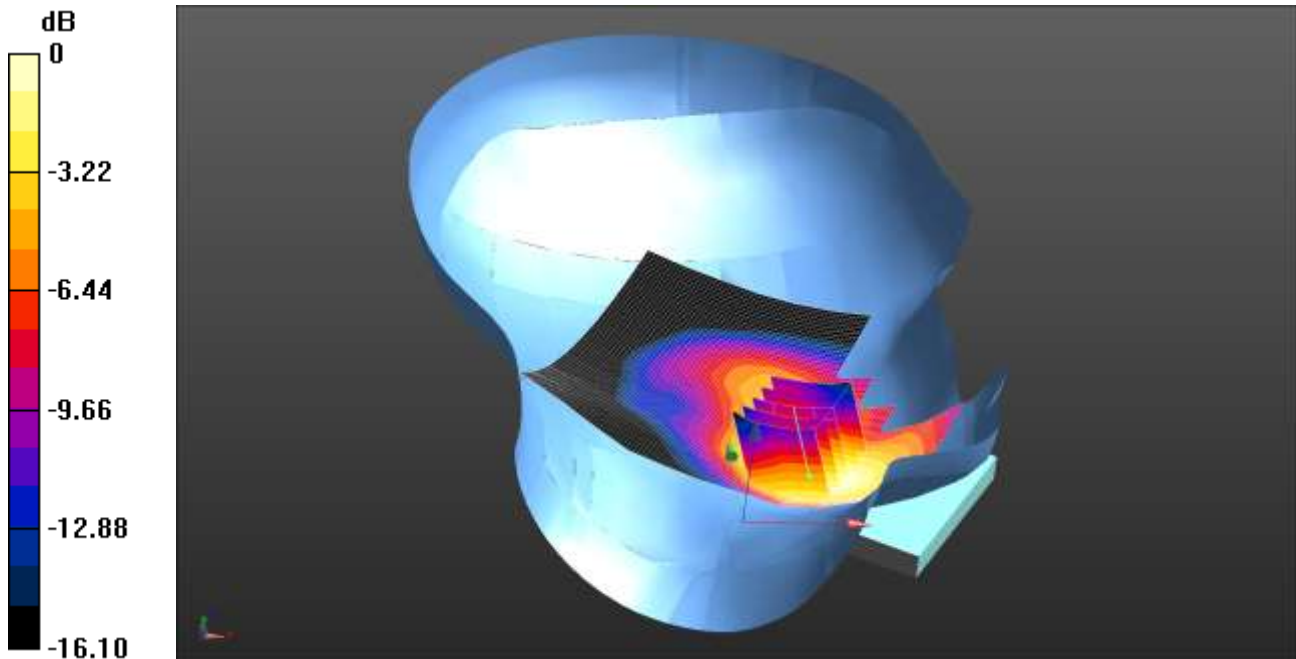
Maximum value of SAR (measured) = 0.782 W/kg



SCN/90893JD02/192: Touch Left LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.764 W/kg = -1.17 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.843 W/kg

**Configuration/Touch Left - Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.743 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.04 W/kg

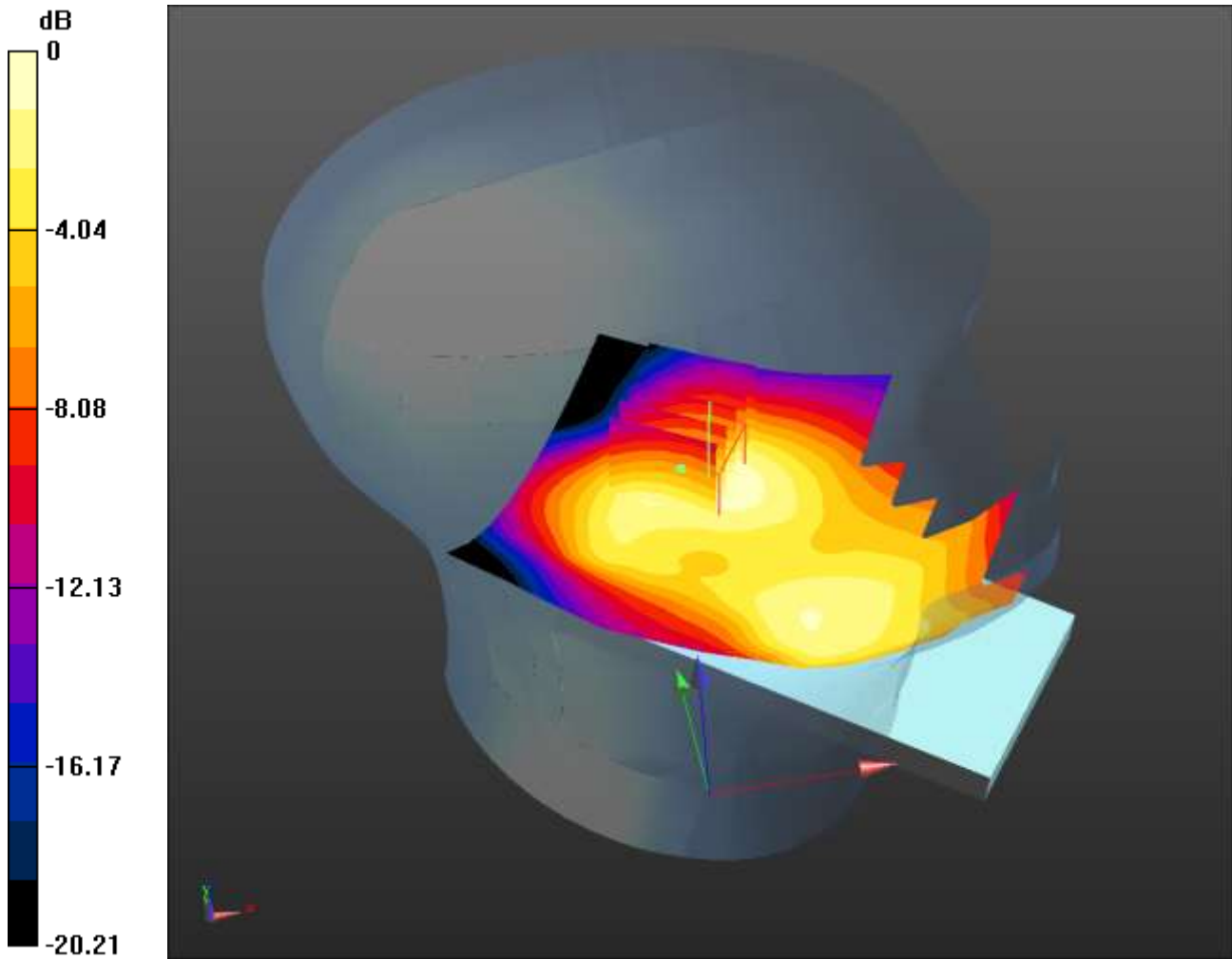
**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 0.764 W/kg

SCN/90893JD02/193: Tilt Left LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.218 W/kg = -6.62 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.228 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.271 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.275 W/kg

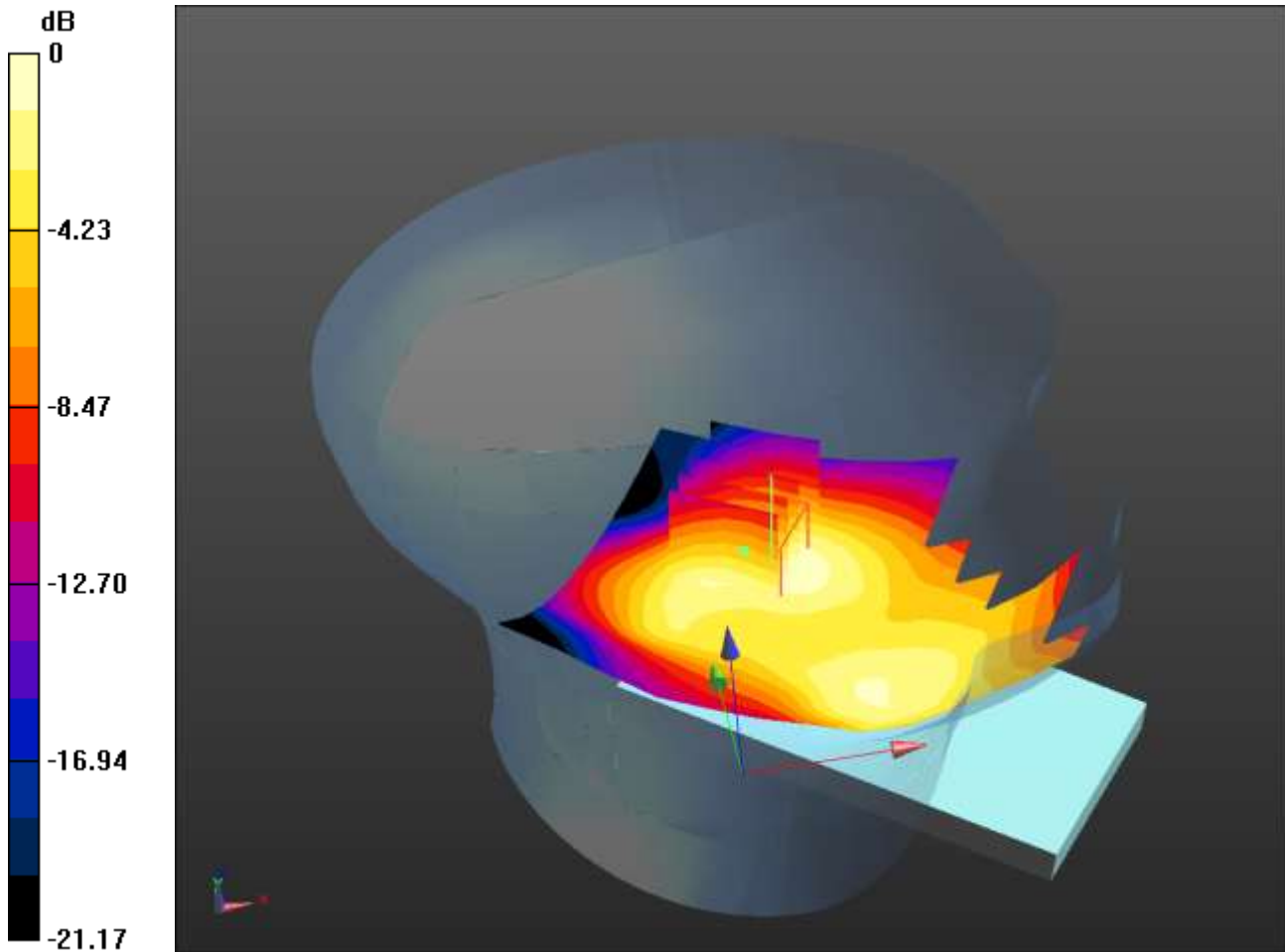
**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg

SCN/90893JD02/194: Tilt Left LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.218 W/kg = -6.62 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD00P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.224 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.532 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.280 W/kg

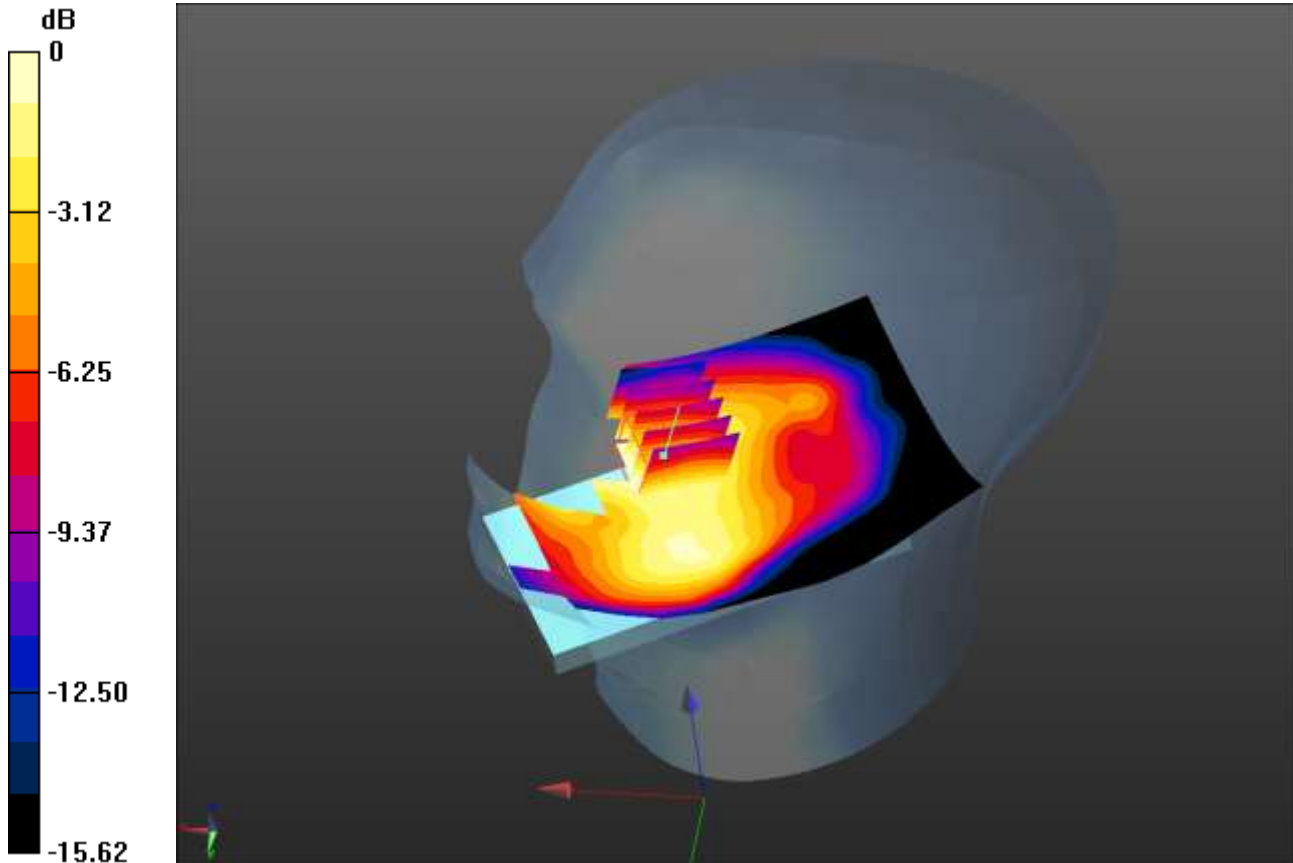
**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg

SCN/90893JD02/195: Touch Right LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.415 W/kg = -3.82 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right- Middle 2 2/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.417 W/kg

**Configuration/Touch Right- Middle 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.701 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.521 W/kg

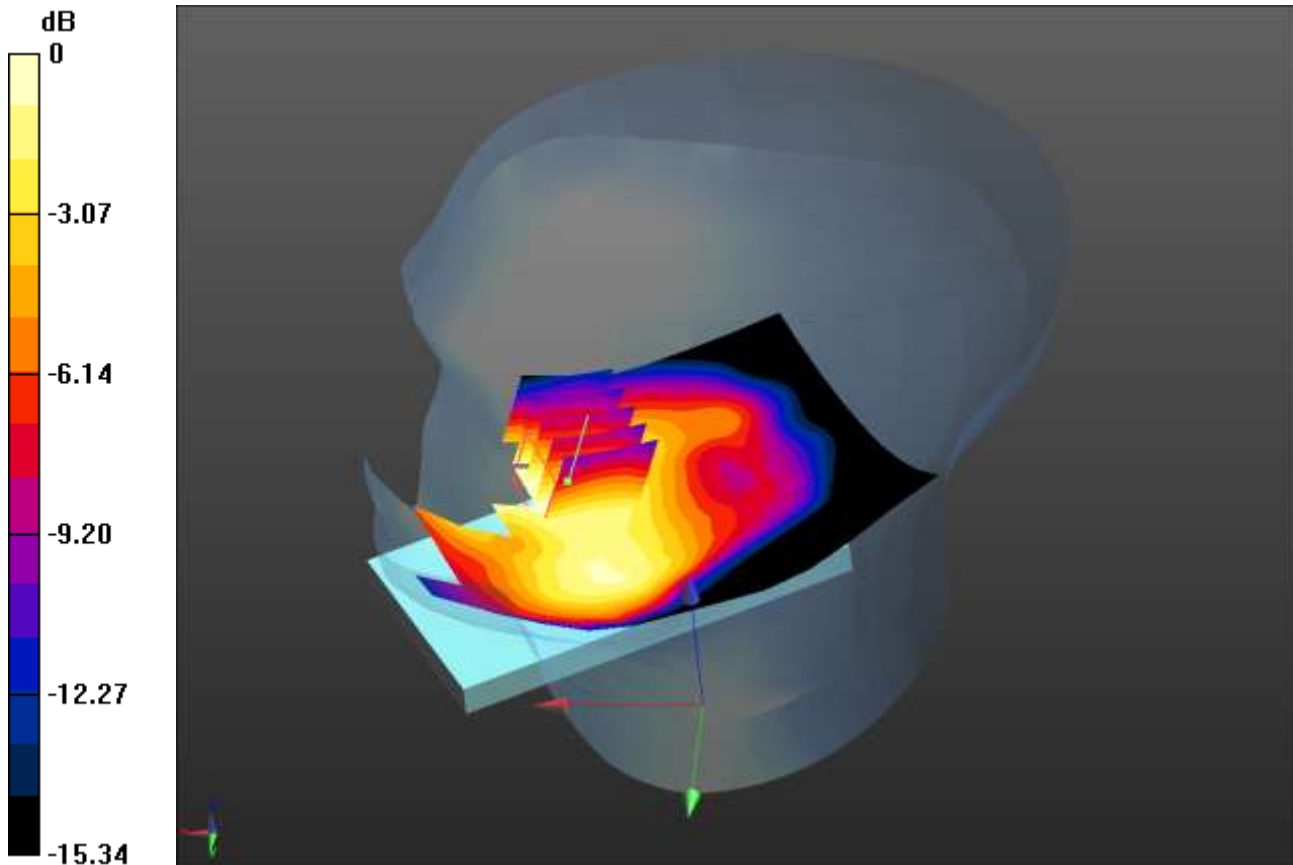
**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.415 W/kg

SCN/90893JD02/196: Touch Right LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.423 W/kg = -3.74 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right- Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Touch Right- Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.525 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.529 W/kg

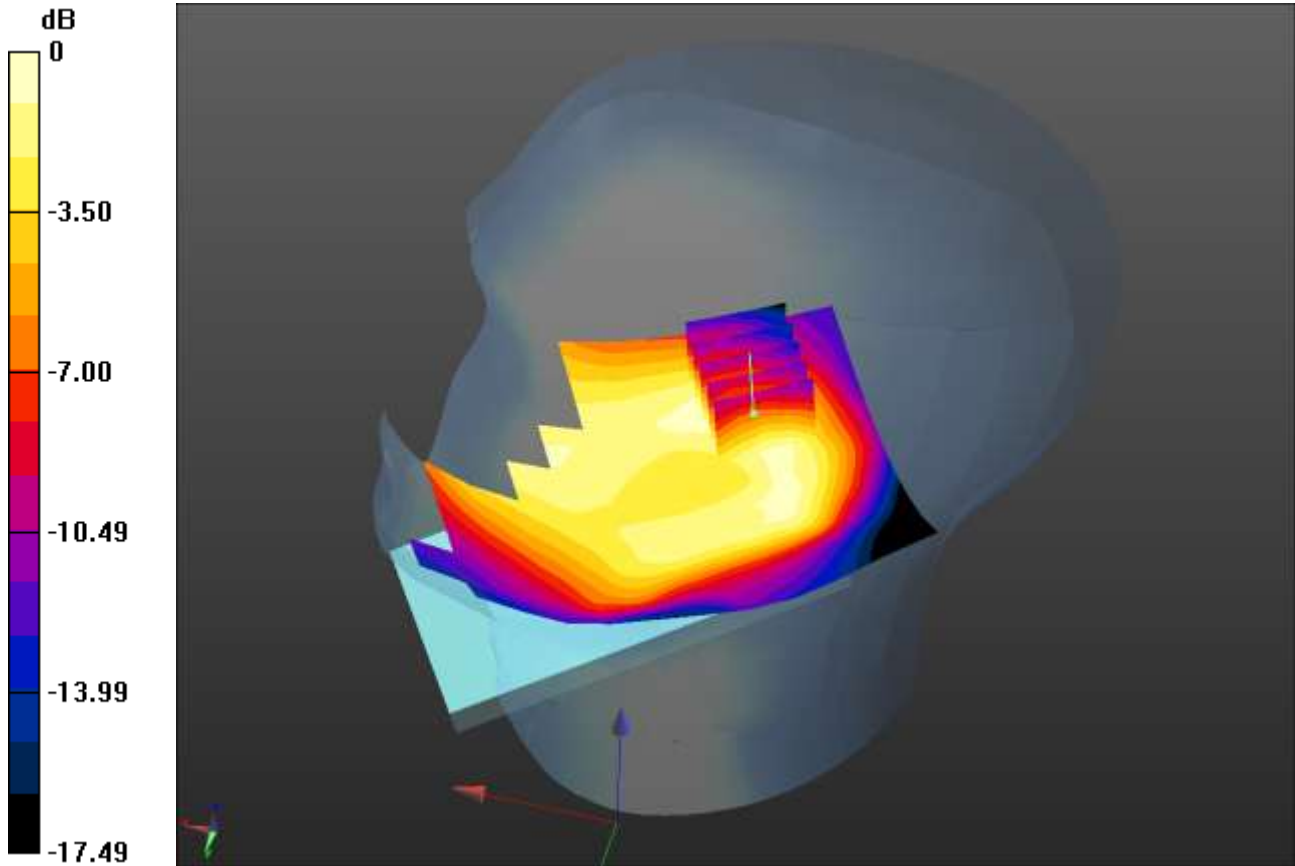
**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.423 W/kg

SCN/90893JD02/197: Tilt Right LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.154 W/kg = -8.12 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right- Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

**Configuration/Tilt Right- Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.896 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.237 W/kg

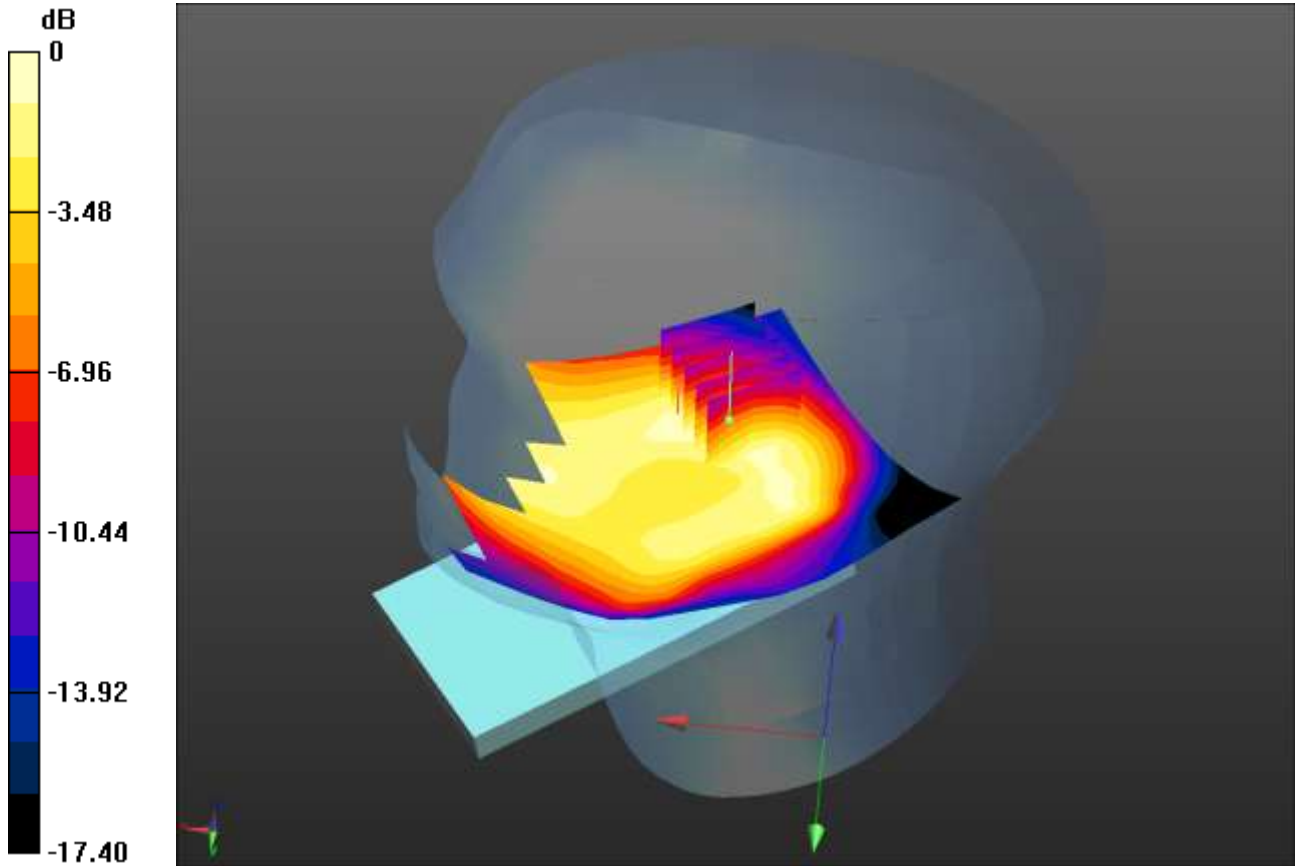
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.154 W/kg

SCN/90893JD02/198: Tilt Right LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.161 W/kg = -7.93 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right- Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

**Configuration/Tilt Right- Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.979 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.241 W/kg

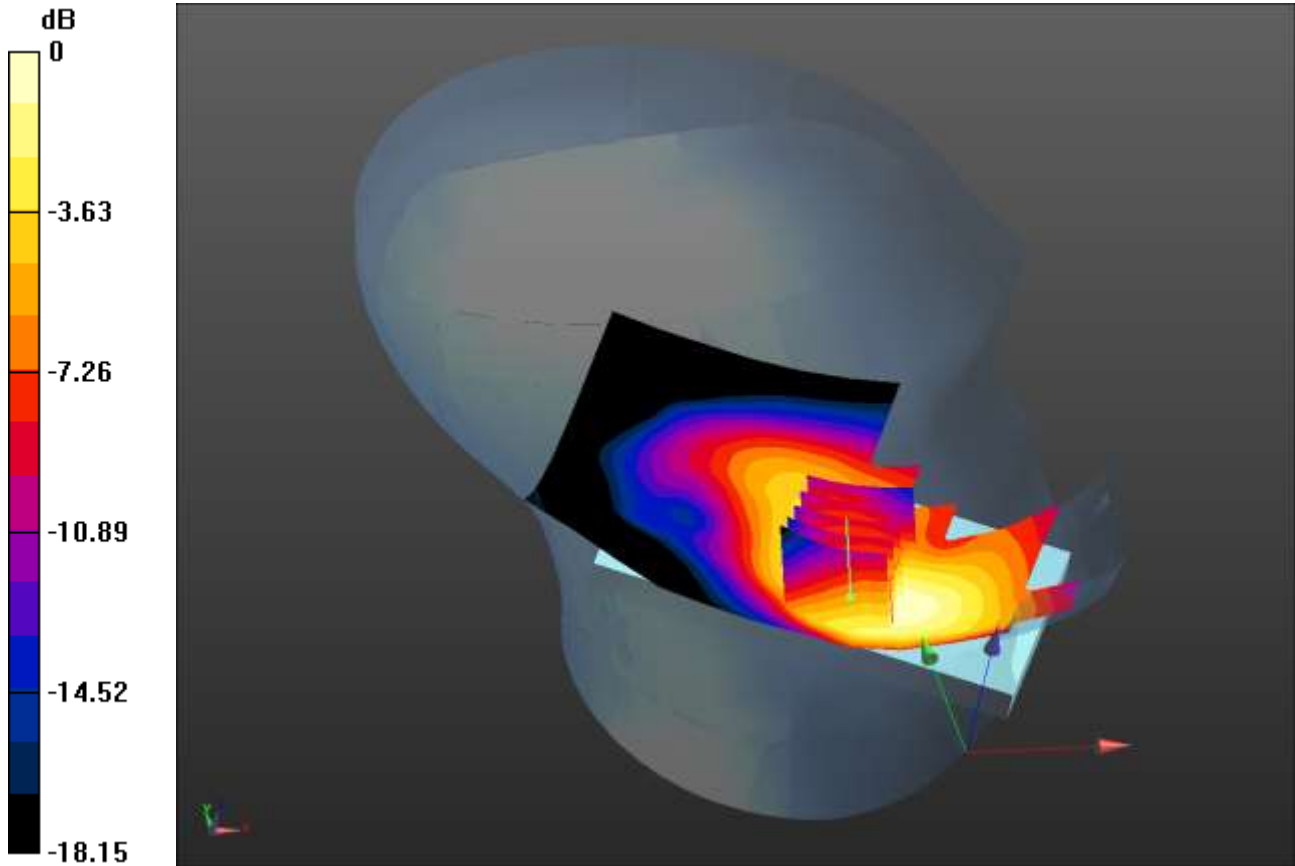
**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.093 W/kg**

Maximum value of SAR (measured) = 0.161 W/kg

SCN/90893JD02/199: Touch Left LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH19957

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.888 W/kg = -0.52 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1710.7 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1710.7$  MHz;  $\sigma = 1.337$  mho/m;  $\epsilon_r = 38.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Low/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Touch Left - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.893 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.555 W/kg**

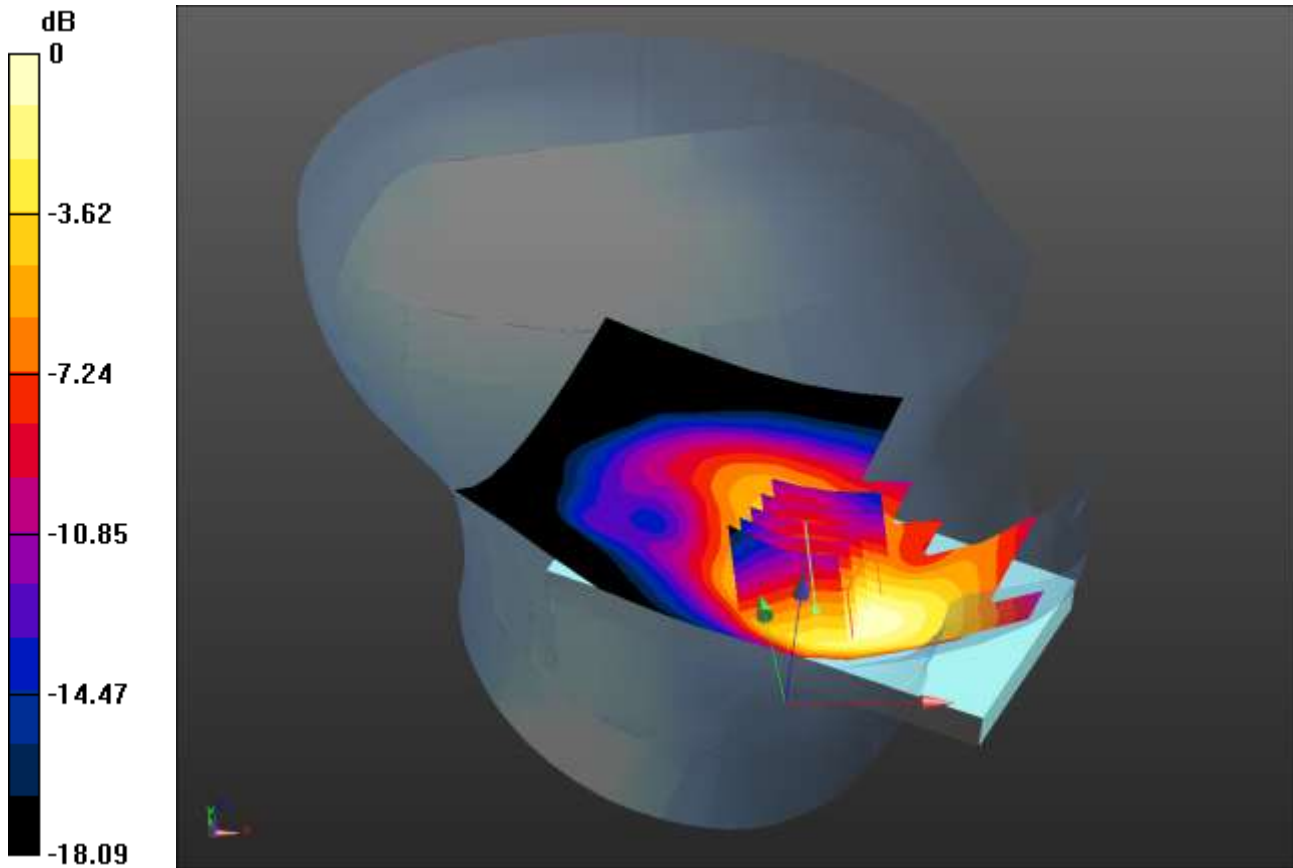
Maximum value of SAR (measured) = 0.888 W/kg



SCN/90893JD02/200: Touch Left LTE Band 4 1.4MHz BW 1 RB Middle QPSK CH20393

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.918 W/kg = -0.37 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz HSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.382$  mho/m;  $\epsilon_r = 38.447$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Low/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.985 W/kg

**Configuration/Touch Left - Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.011 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.24 W/kg

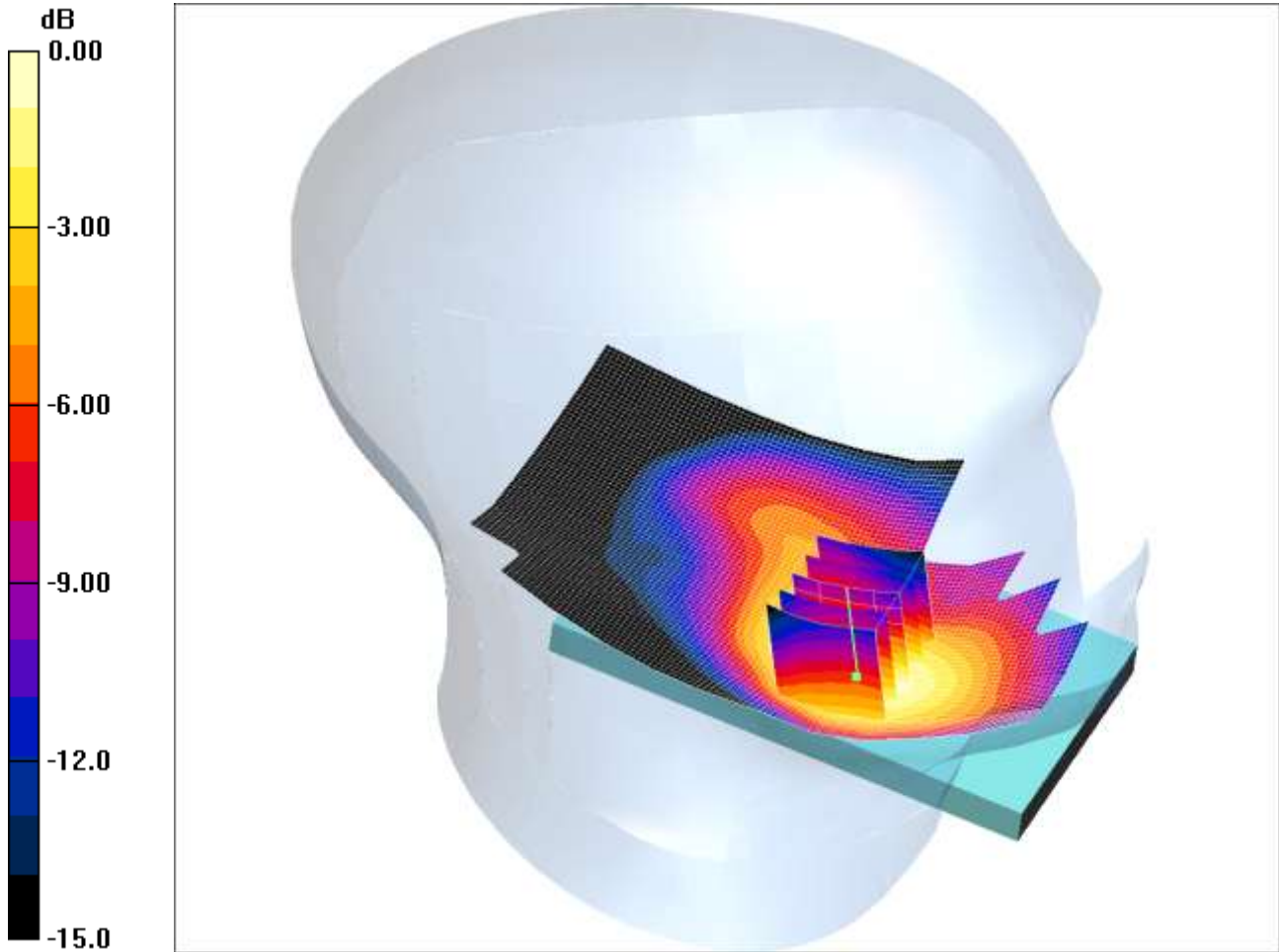
**SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.562 W/kg**

Maximum value of SAR (measured) = 0.918 W/kg

SCN/90893JD02/201: Touch Left LTE Band 4 1.4MHz BW 100%RB Middle CH20393

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FZ



0 dB = 0.669mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1754.3 MHz;Duty Cycle: 1:1  
 Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma = 1.31$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.47, 5.47, 5.47); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Touch Left -High/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.693 mW/g

**Touch Left -High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.06 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.913 W/kg

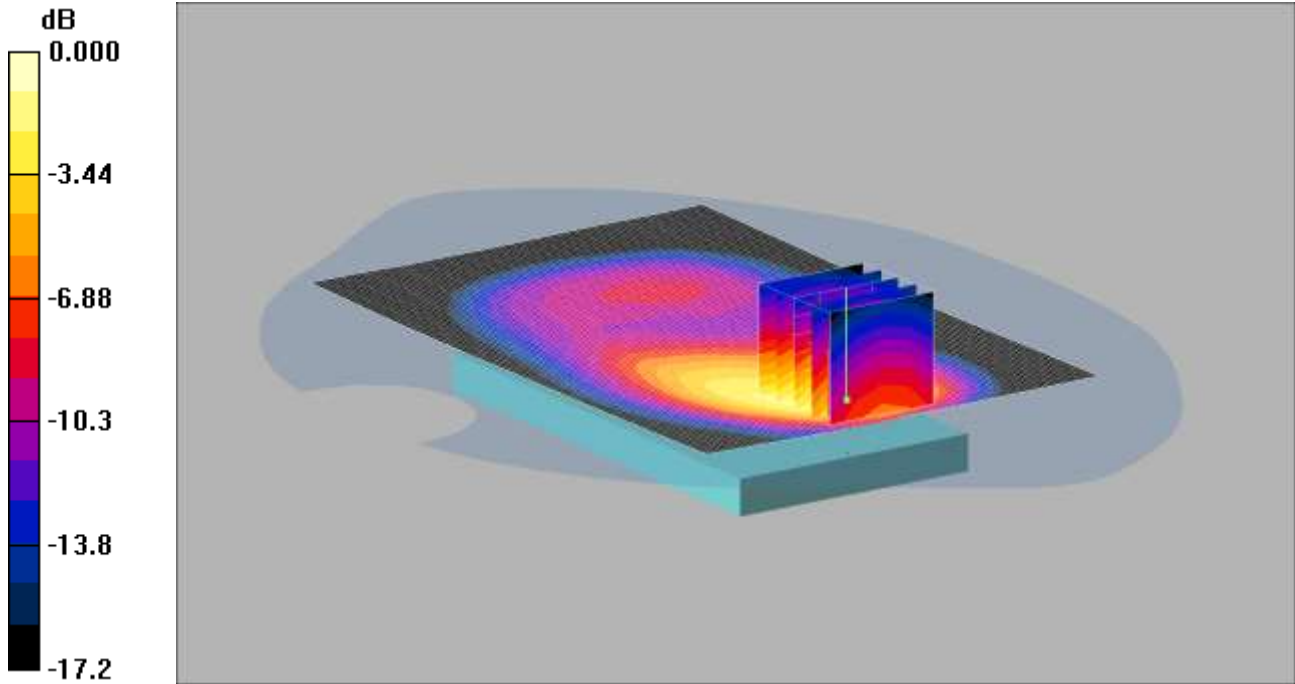
**SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.417 mW/g**

Maximum value of SAR (measured) = 0.669 mW/g

SCN/90893JD02/202: Front of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.03mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 mW/g

**Front of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.82 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 1.51 W/kg

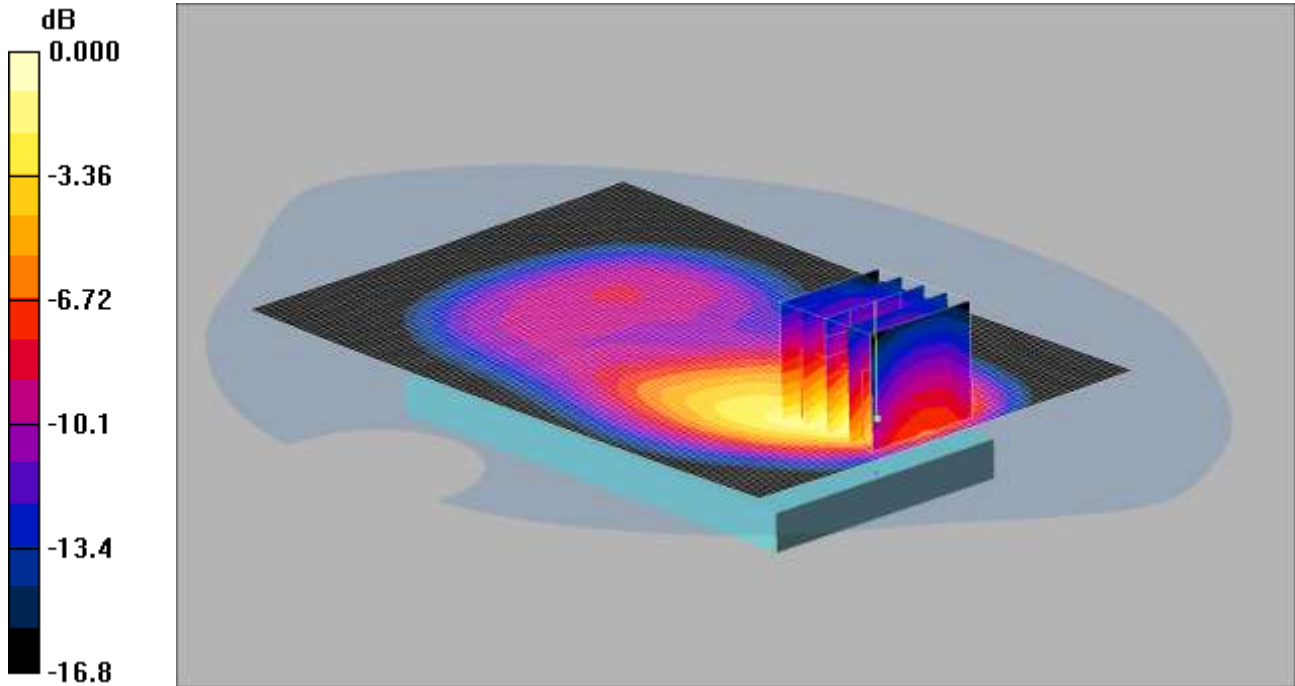
**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.505 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g

SCN/90893JD02/203: Front of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH19957

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.14mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1710.7 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1710.7$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom- Low/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

**Front of EUT Facing Phantom- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.36 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.67 W/kg

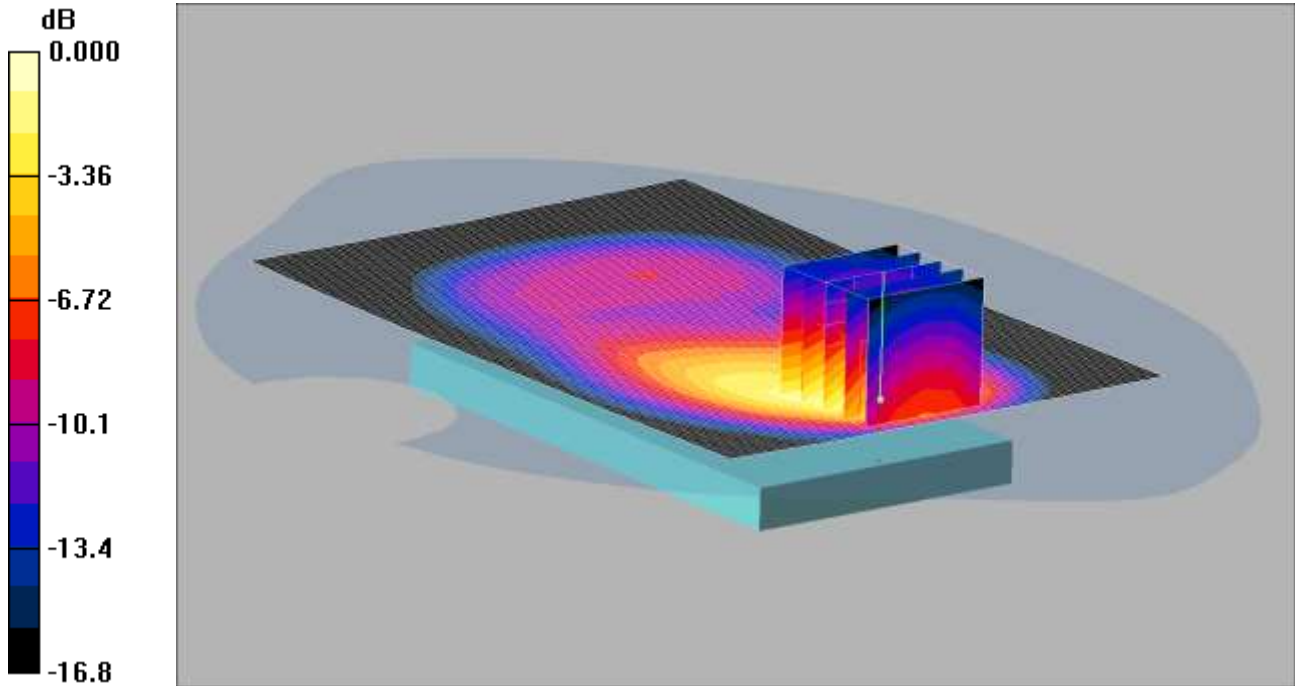
**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.571 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g

SCN/90893JD02/204: Front of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20393

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.20mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom- High/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

**Front of EUT Facing Phantom- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.37 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.78 W/kg

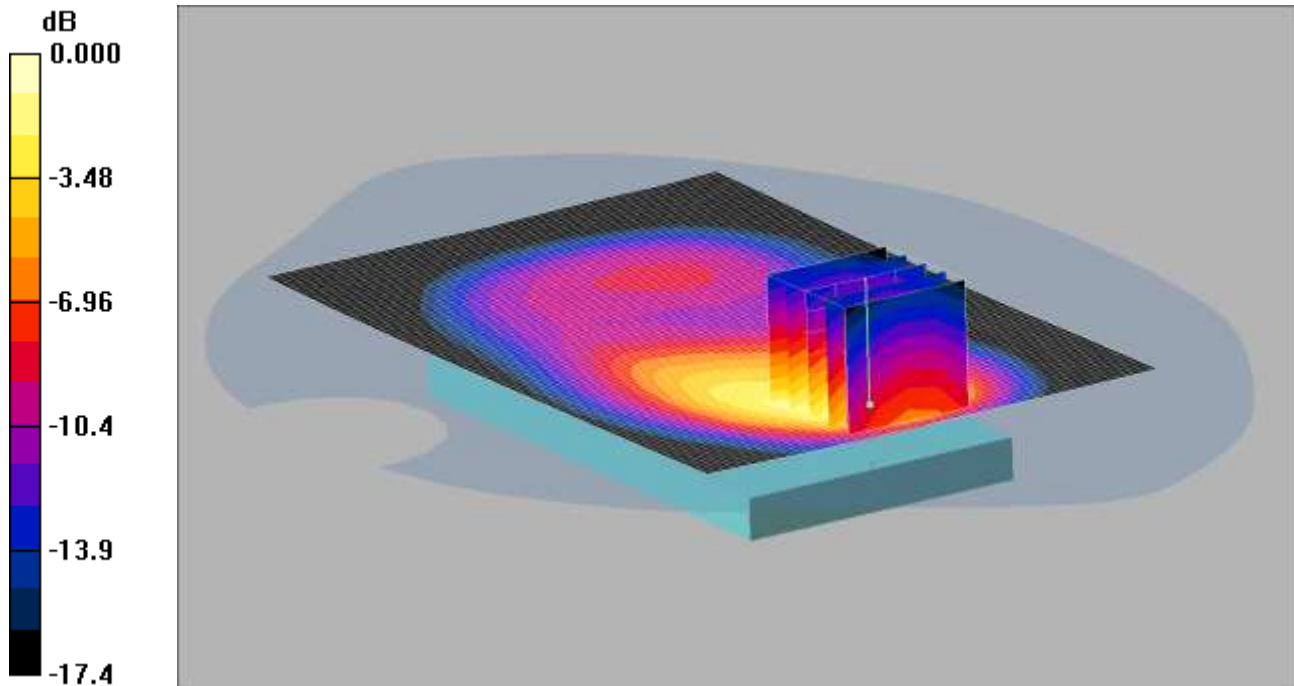
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.594 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g

SCN/90893JD02/205: Front of EUT Facing Phantom LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 1.05mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom- Middle 2/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.995 mW/g

**Front of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.74 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.54 W/kg

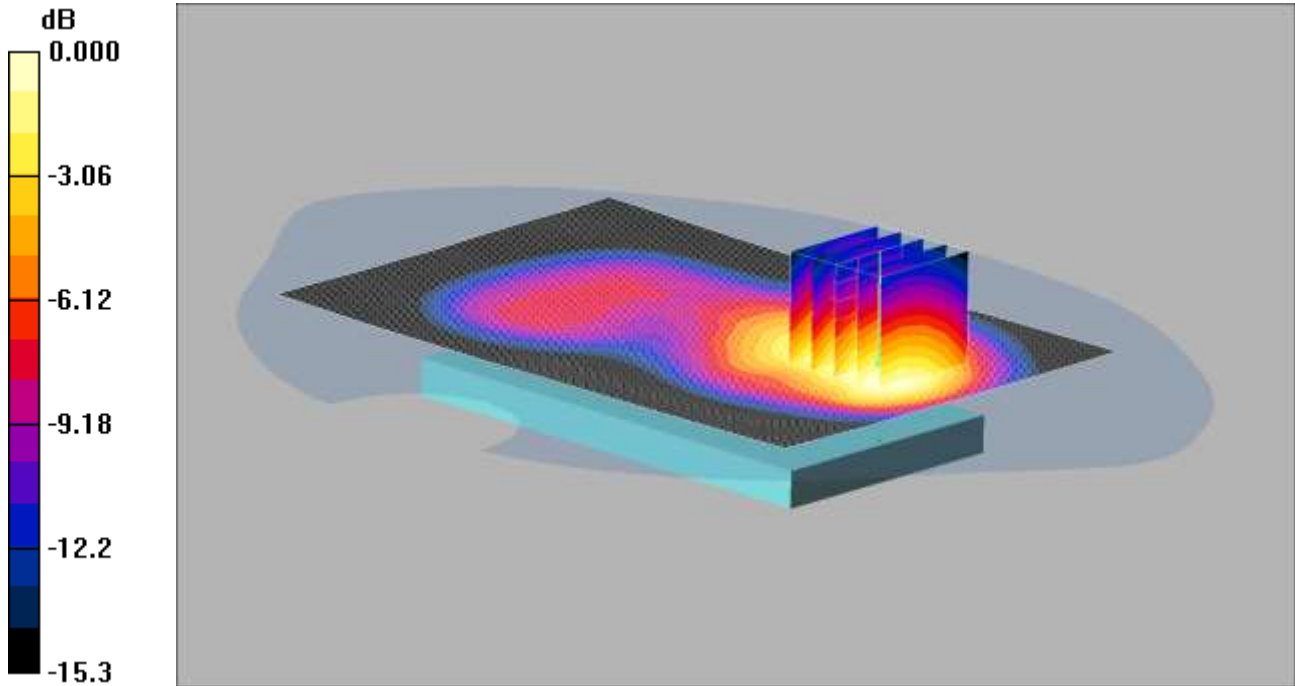
**SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g

SCN/90893JD02/206: Back of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.801mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.855 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.54 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.15 W/kg

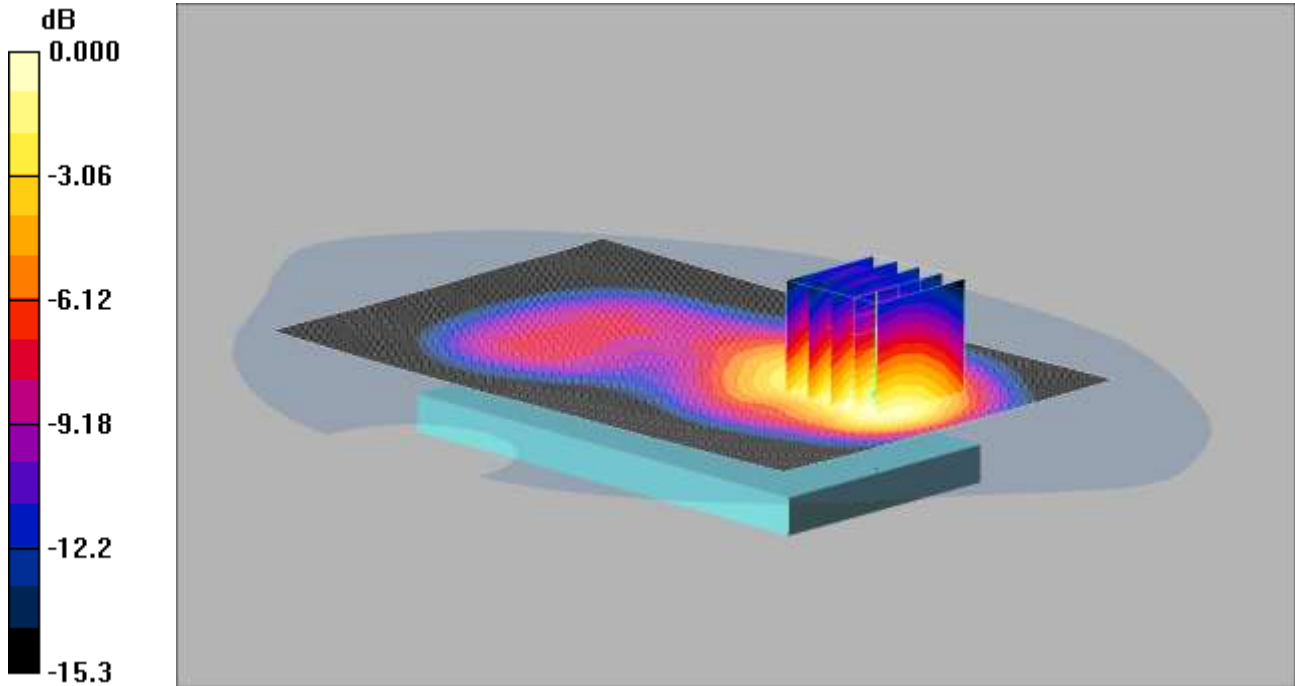
**SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.468 mW/g**

Maximum value of SAR (measured) = 0.801 mW/g

SCN/90893JD02/207: Back of EUT Facing Phantom LTE Band 4 1.4MHz BW 50% RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.824mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.872 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.64 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.473 mW/g**

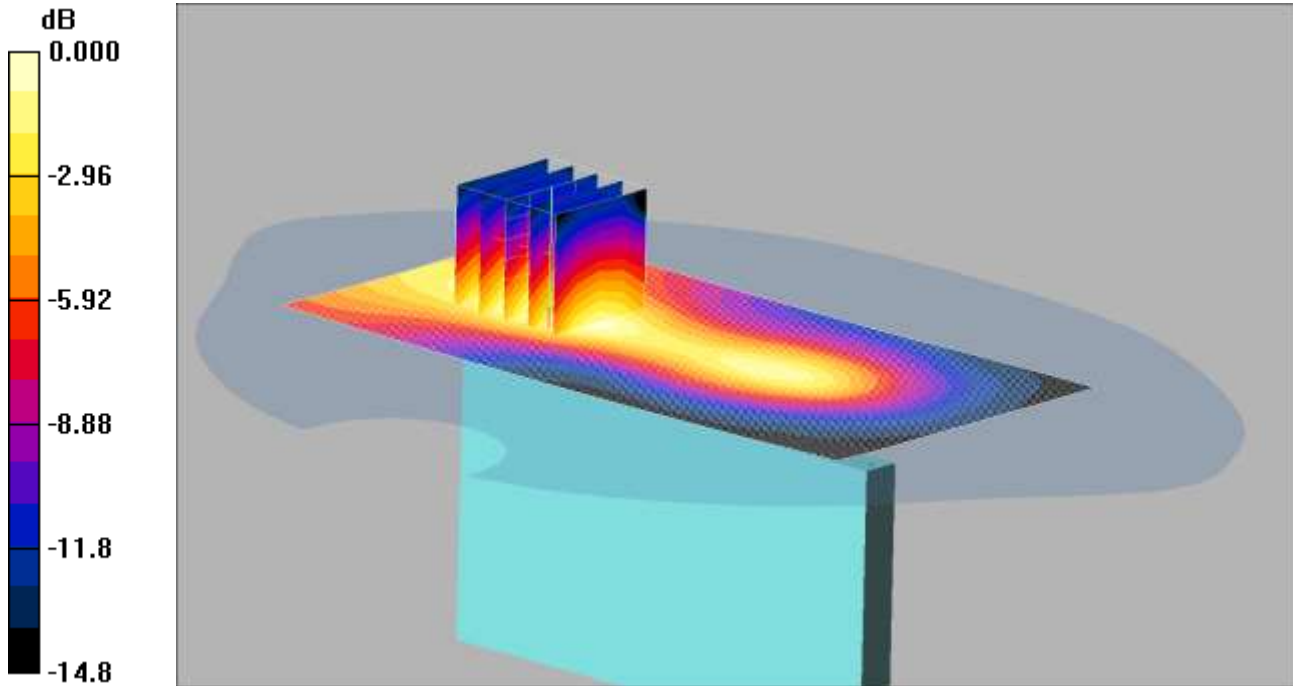
Maximum value of SAR (measured) = 0.824 mW/g



SCN/90893JD02/208: Left Side of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.134mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Side of EUT Facing Phantom- Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

**Left Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.47 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.193 W/kg

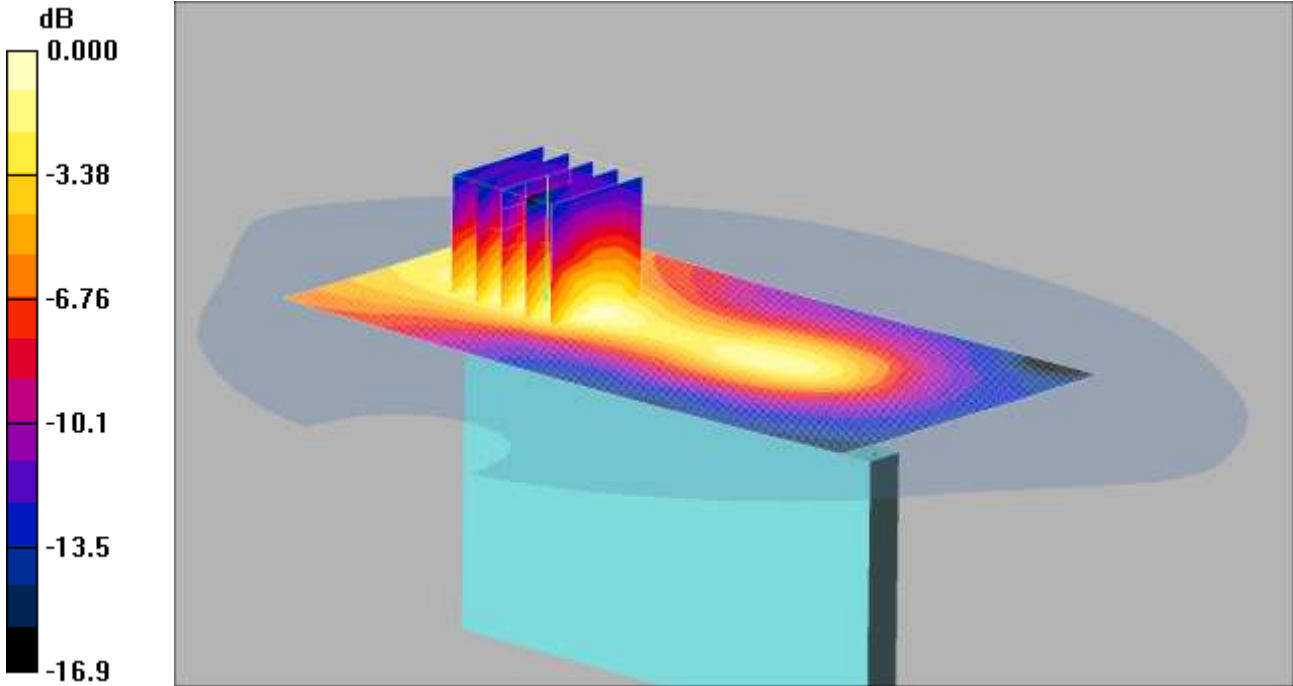
**SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.074 mW/g**

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

SCN/90893JD02/209: Left Side of EUT Facing Phantom LTE Band 4 1.4MHz BW 50% RB Middle QPSK  
CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.139mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Side of EUT Facing Phantom- Middle 2/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.139 mW/g

**Left Side of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.44 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.202 W/kg

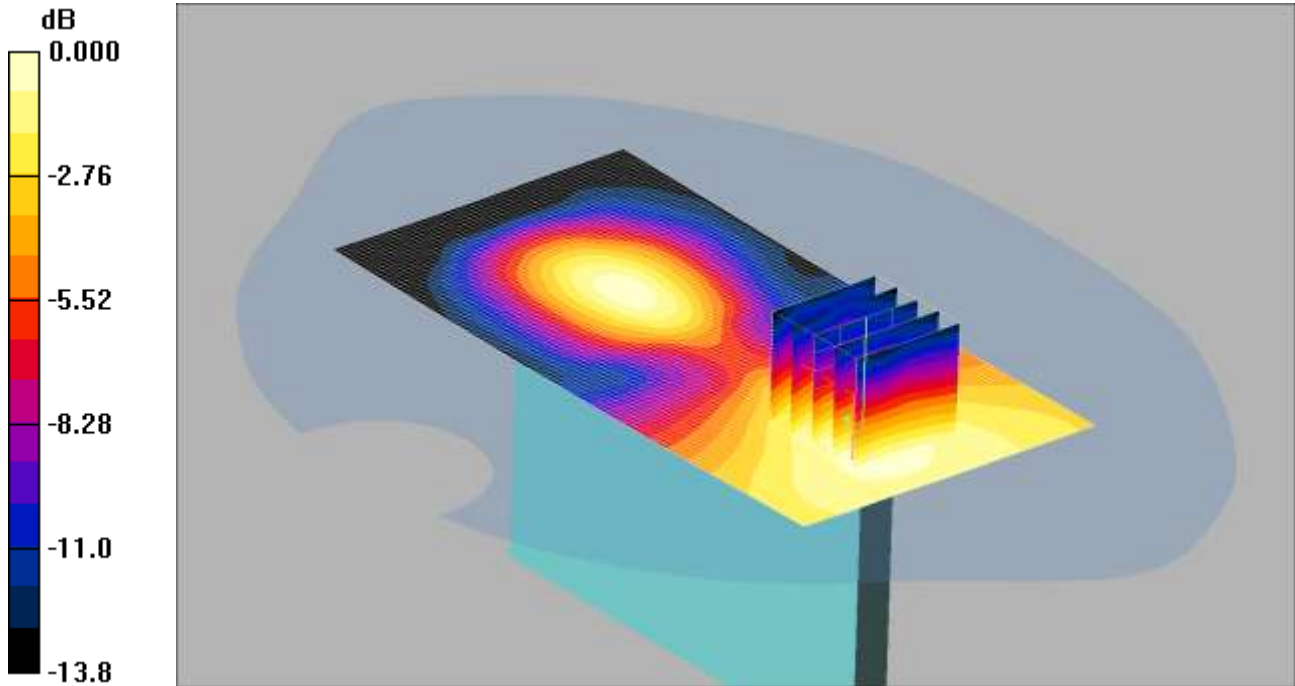
**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g

SCN/90893JD02/210: Right Side of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.059mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Side of EUT Facing Phantom- Middle/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.061 mW/g

**Right Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.59 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.085 W/kg

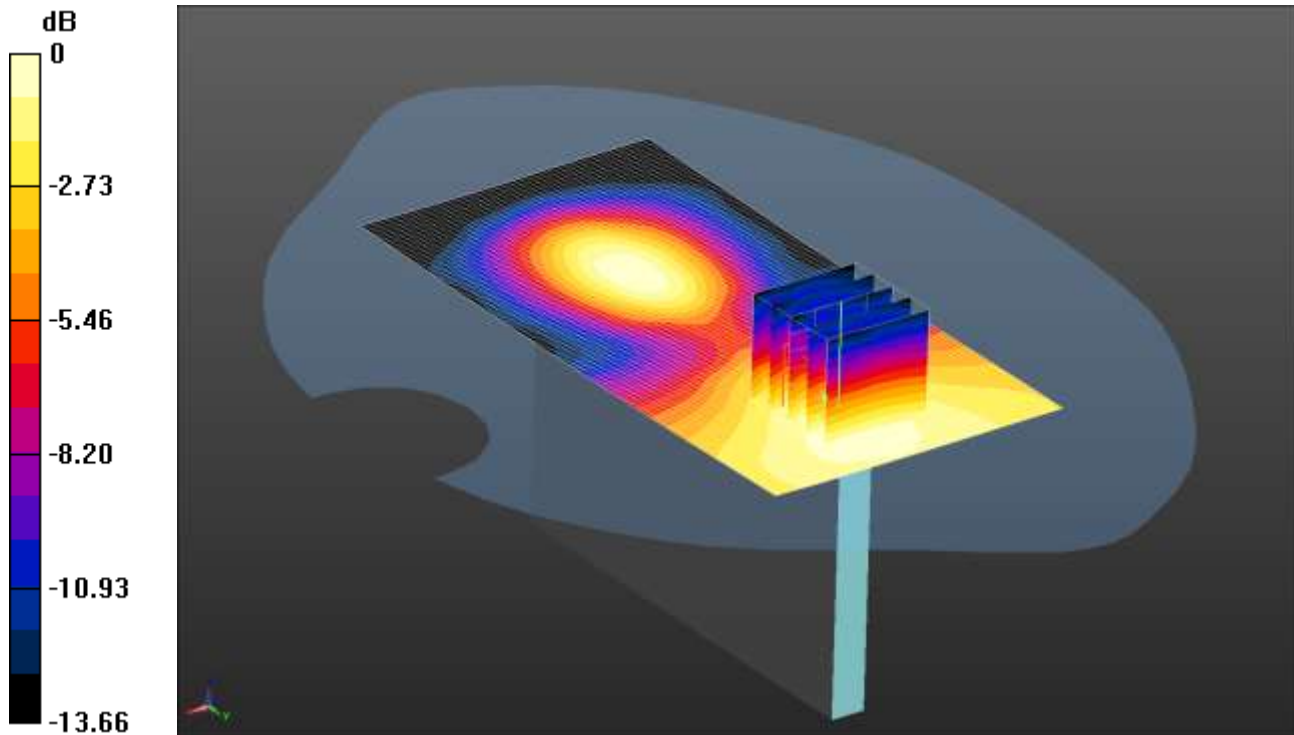
**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

SCN/90893JD02/211: Right Side of EUT Facing Phantom LTE Band 4 1.4MHz BW 50%RB Middle QPSK  
CH20175

Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT B; Serial: CB5121Z4FD



0 dB = 0.0570 W/kg = -12.44 dBW/kg

Communication System: LTE - Band 4 / 20MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.484$  mho/m;  $\epsilon_r = 52.74$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Right Side of EUT Facing Phantom- Middle/Area Scan (61x121x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0593 W/kg

**Configuration/Right Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.490 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0820 W/kg

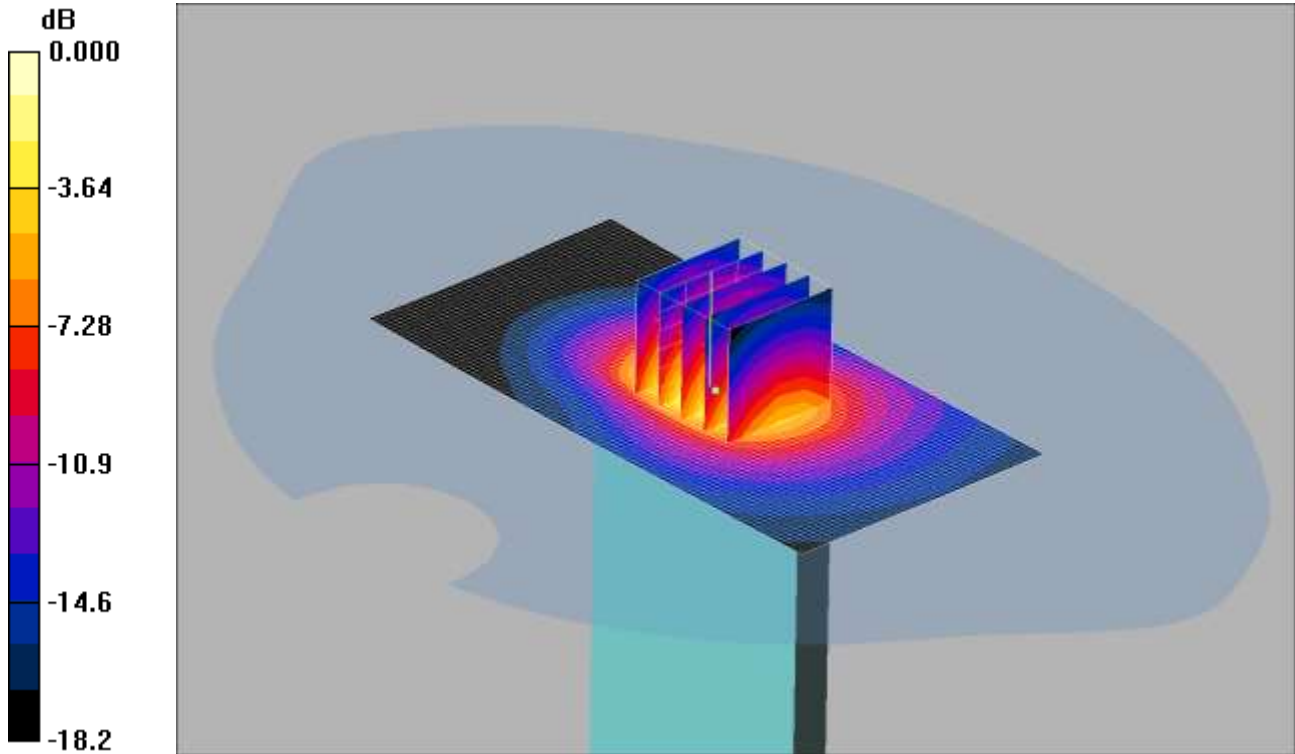
**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0570 W/kg

SCN/90893JD02/212: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.17mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Middle 2/Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Bottom of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 29.6 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.77 W/kg

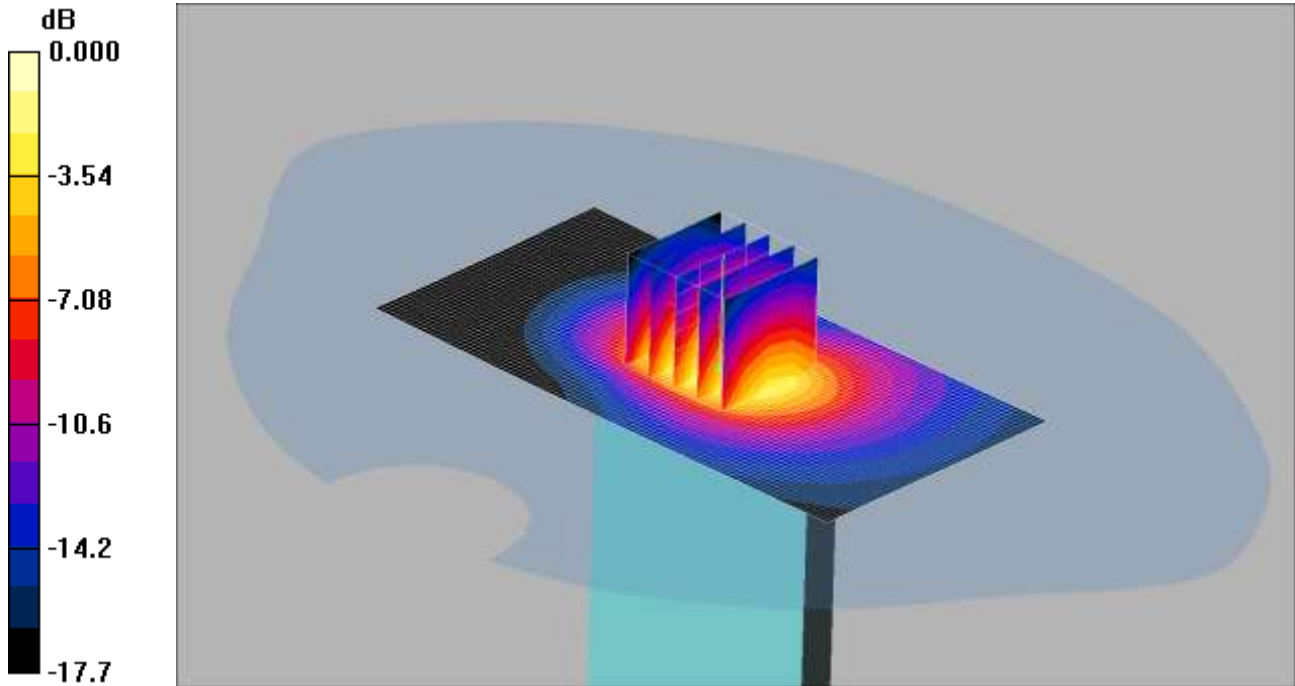
**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.540 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g

SCN/90893JD02/213: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH19957

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.10mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1710.7 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1710.7 MHz;  $\sigma = 1.46 \text{ mho/m}$ ;  $\epsilon_r = 52.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Low/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

**Bottom of EUT Facing Phantom- Low/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.3 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 1.66 W/kg

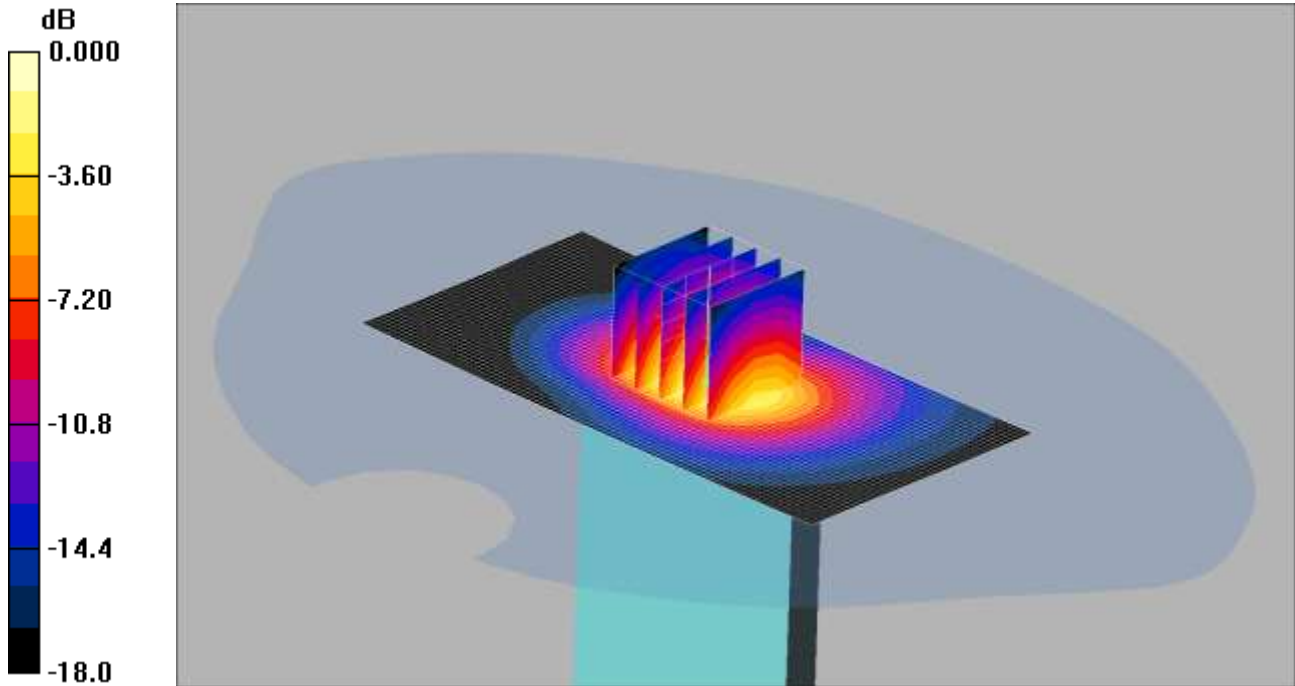
**SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.515 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g

SCN/90893JD02/214: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20393

Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.26mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Low/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 mW/g

**Bottom of EUT Facing Phantom- Low/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.91 W/kg

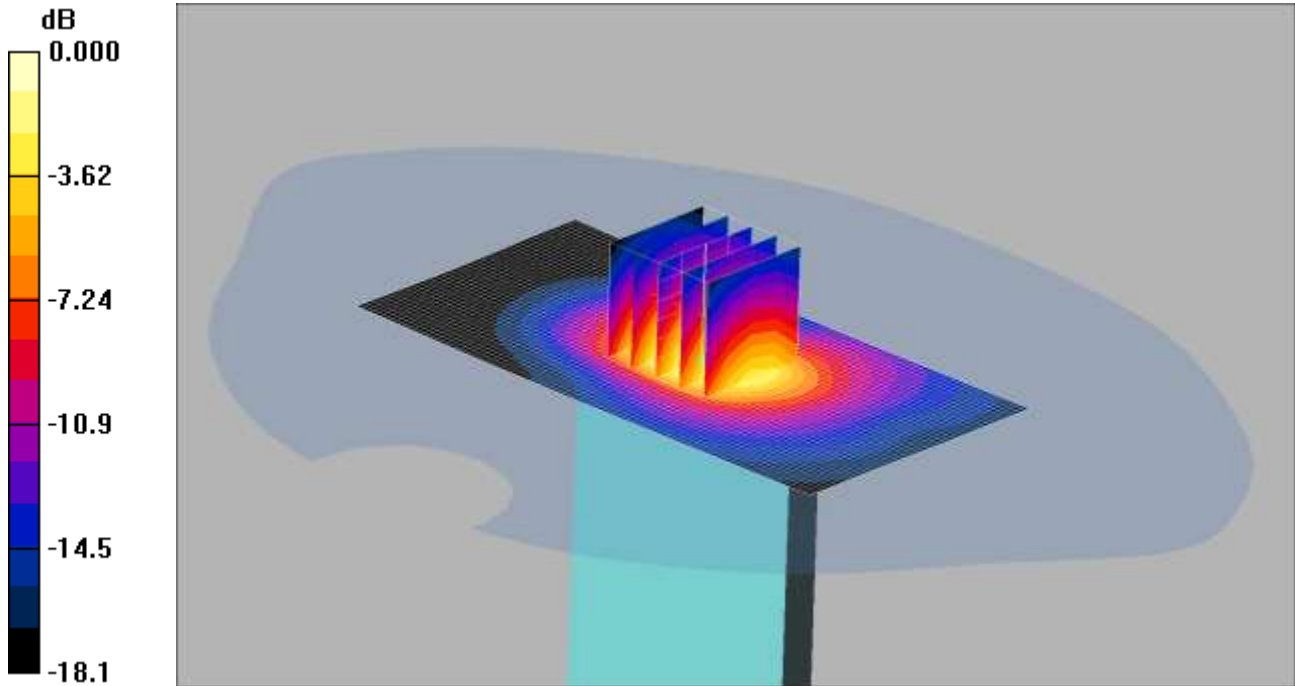
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.591 mW/g**

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

SCN/90893JD02/215: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 50%RB Middle QPSK CH20175

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.16mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1732.5 MHz;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Middle/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Bottom of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.0 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.543 mW/g**

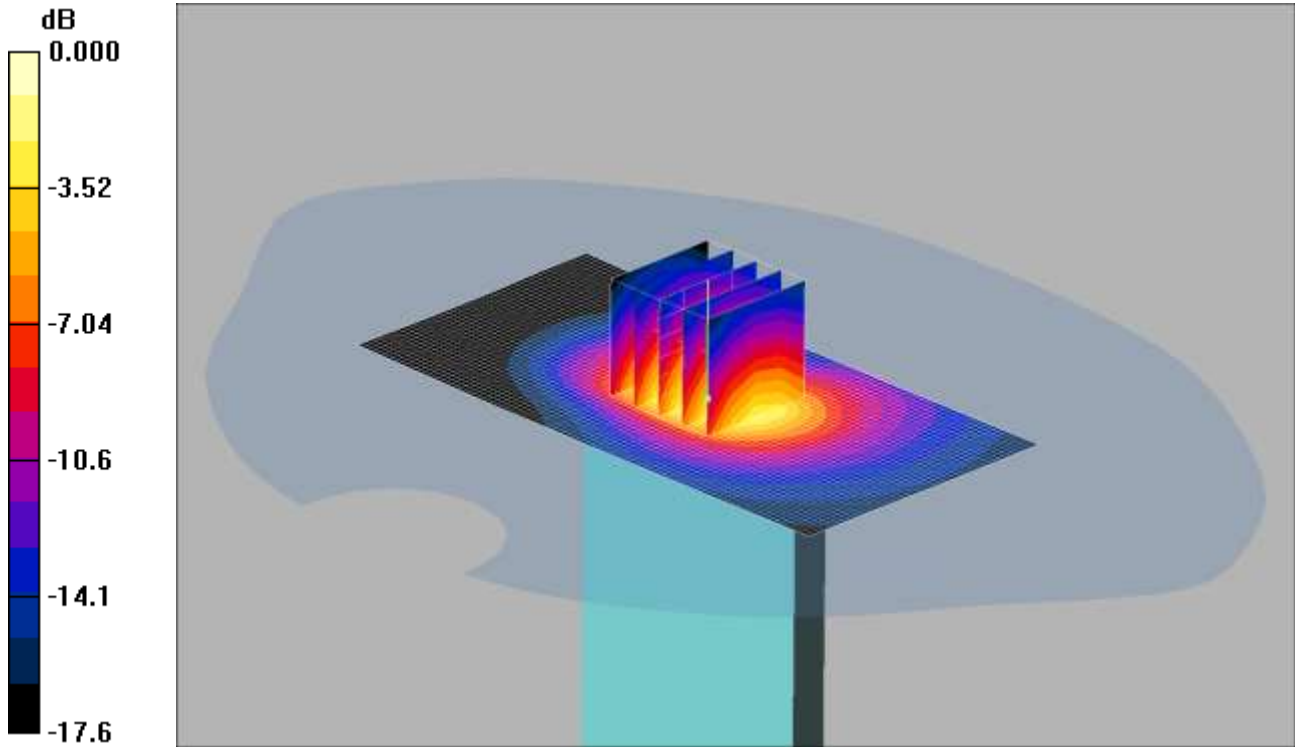
Maximum value of SAR (measured) = 1.16 mW/g



SCN/90893JD02/216: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 50%RB Middle QPSK CH19957

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.11mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1710.7 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1710.7$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Low/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 mW/g

**Bottom of EUT Facing Phantom- Low/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.67 W/kg

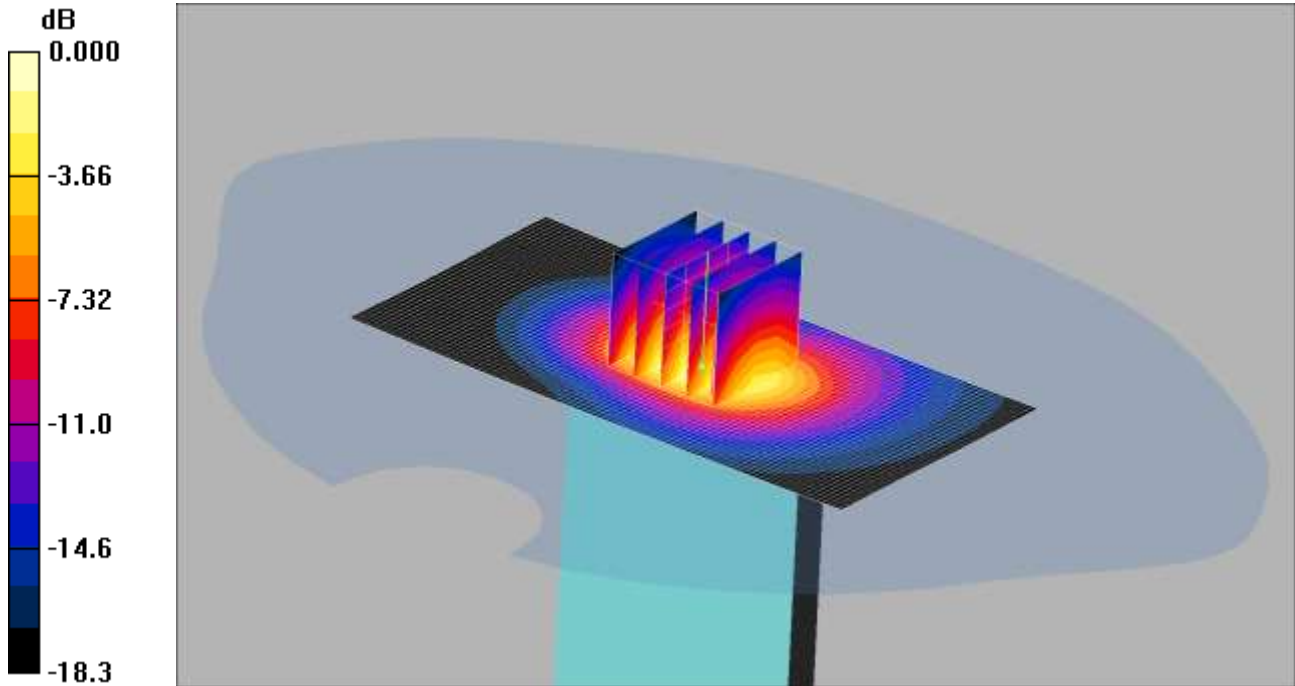
**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.523 mW/g**

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

SCN/90893JD02/217: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 50%RB Middle QPSK CH20393

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.28mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- High/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 mW/g

**Bottom of EUT Facing Phantom- High/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.93 W/kg

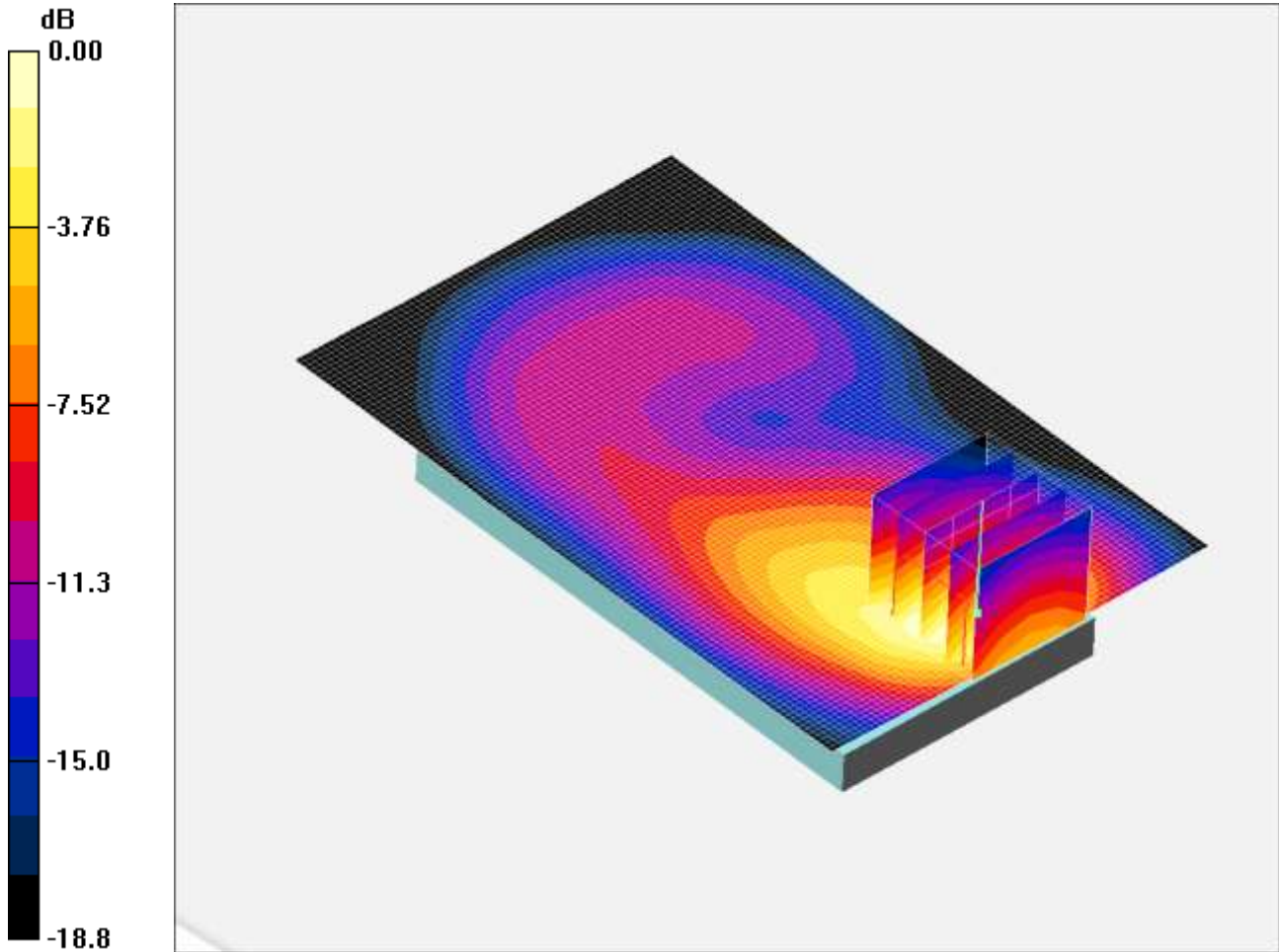
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.599 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g

SCN/90893JD02/218: Front of EUT Facing Phantom LTE Band 4 1.4MHz BW 100% RB QPSK CH20393

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD



0 dB = 0.951mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1754.3 MHz;Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom - High 2/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.965 mW/g

**Front of EUT Facing Phantom - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 1.41 W/kg

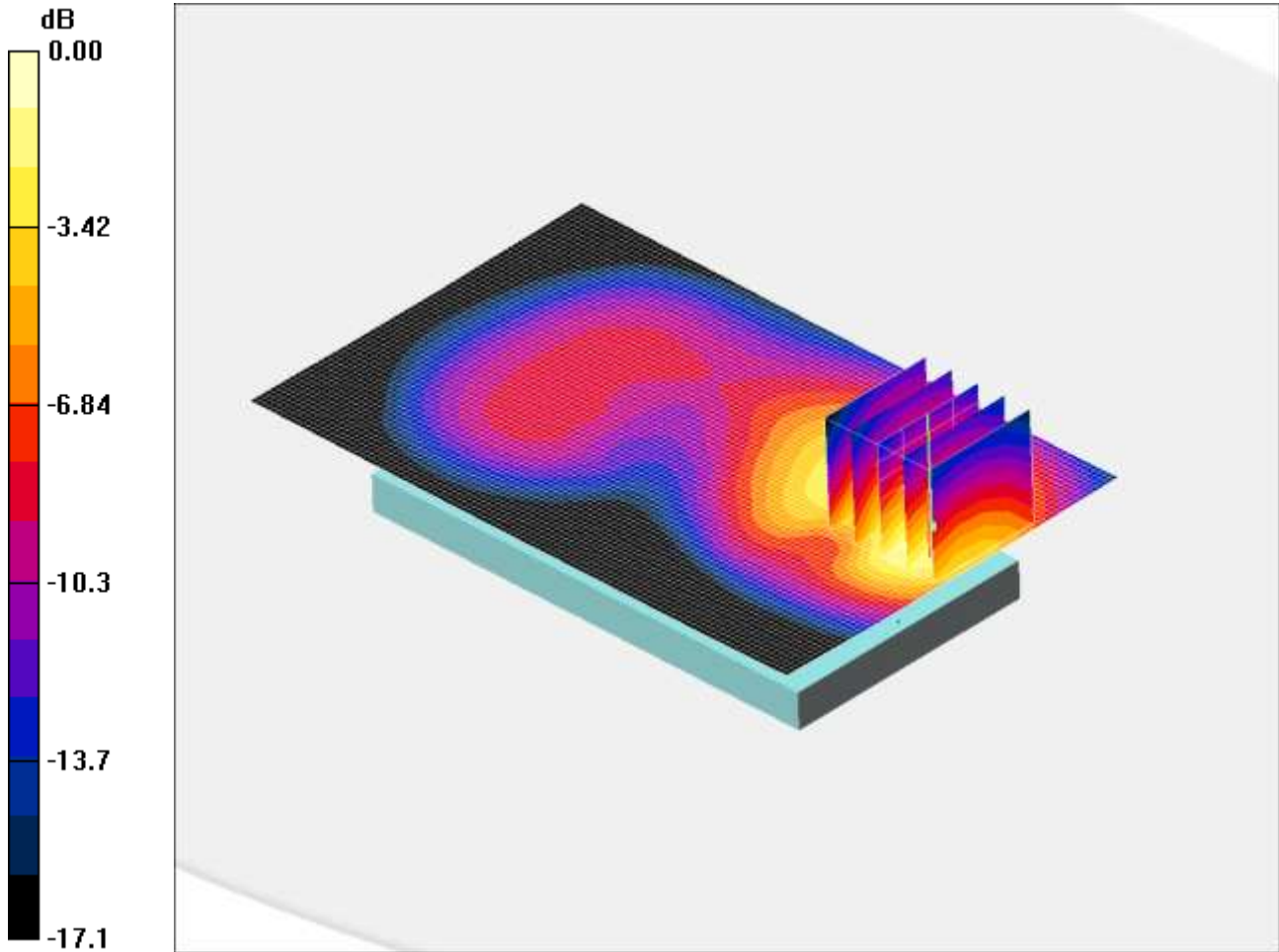
**SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.467 mW/g**

Maximum value of SAR (measured) = 0.951 mW/g

SCN/90893JD02/219: Back of EUT Facing Phantom LTE Band 4 1.4MHz BW 100% RB QPSK CH20175

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD



0 dB = 0.794mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom - Middle 2/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

**Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.55 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.14 W/kg

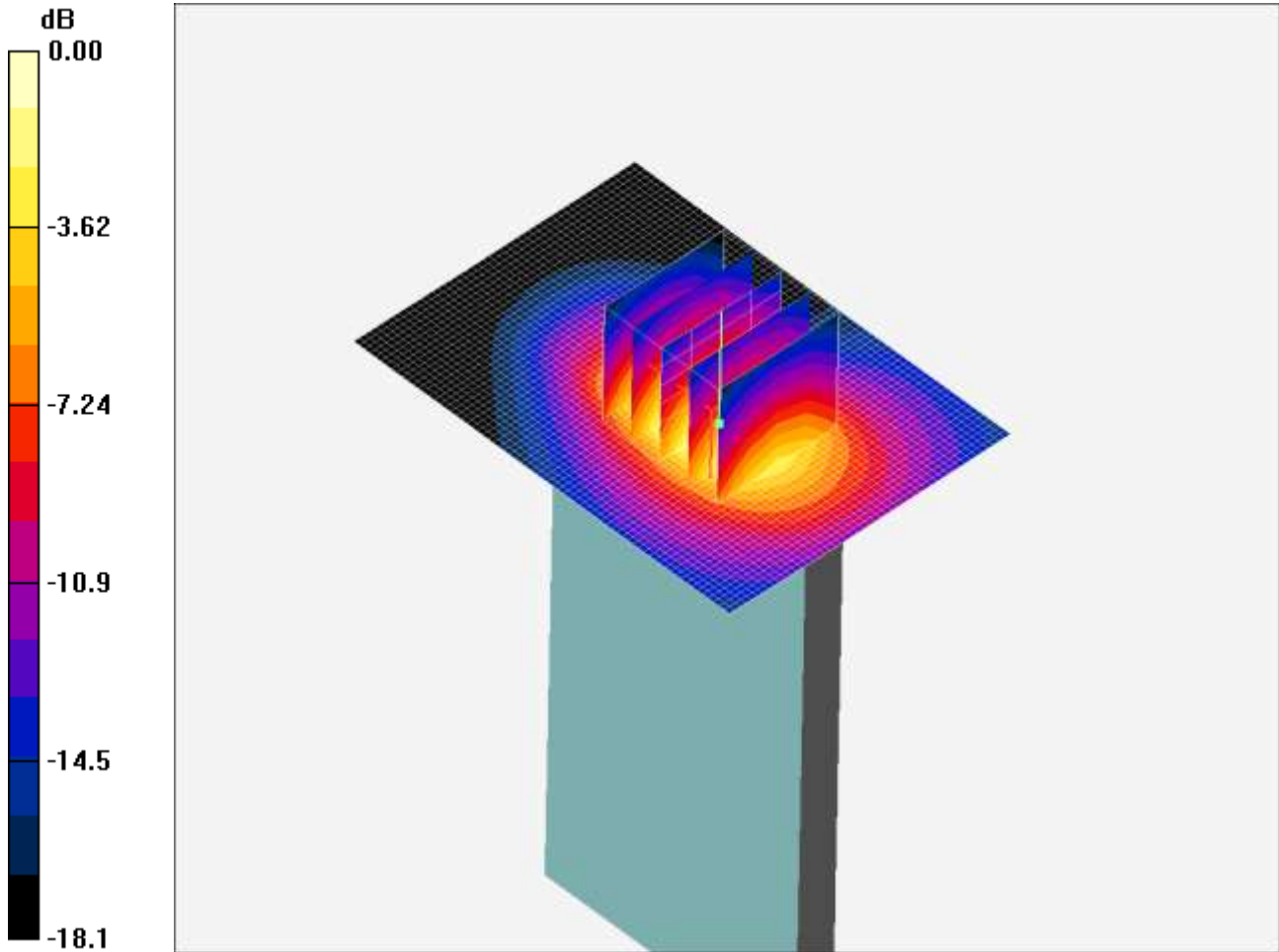
**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.423 mW/g**

Maximum value of SAR (measured) = 0.794 mW/g

SCN/90893JD02/220: Bottom of EUT Facing Phantom LTE Band 4 1.4MHz BW 100% RB QPSK CH20393

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD



0 dB = 1.20mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1754.3 MHz;Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom - High 2/Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

**Bottom of EUT Facing Phantom - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.86 W/kg

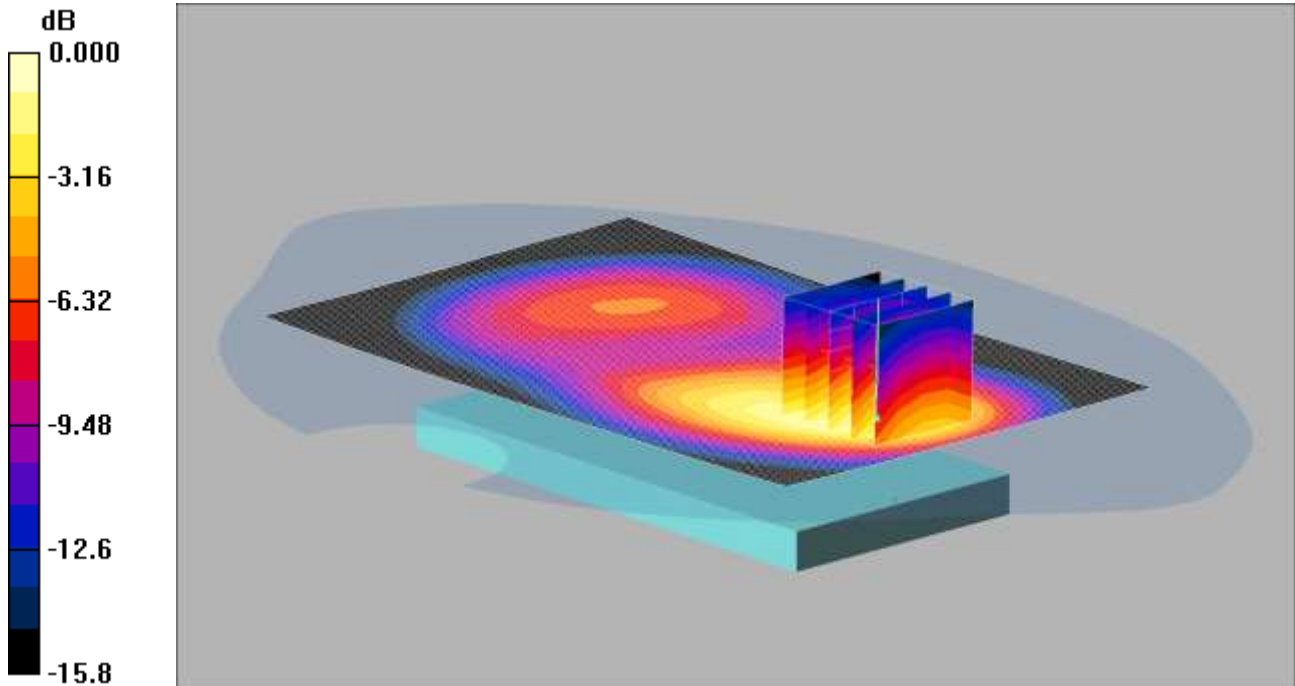
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.564 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g

SCN/90893JD02/221: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20175

Date: 19/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.14mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Middle/Area Scan (81x121x1):** Measurement grid:

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

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

**Front of EUT Facing Phantom at 15mm Separation- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.7 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.63 W/kg

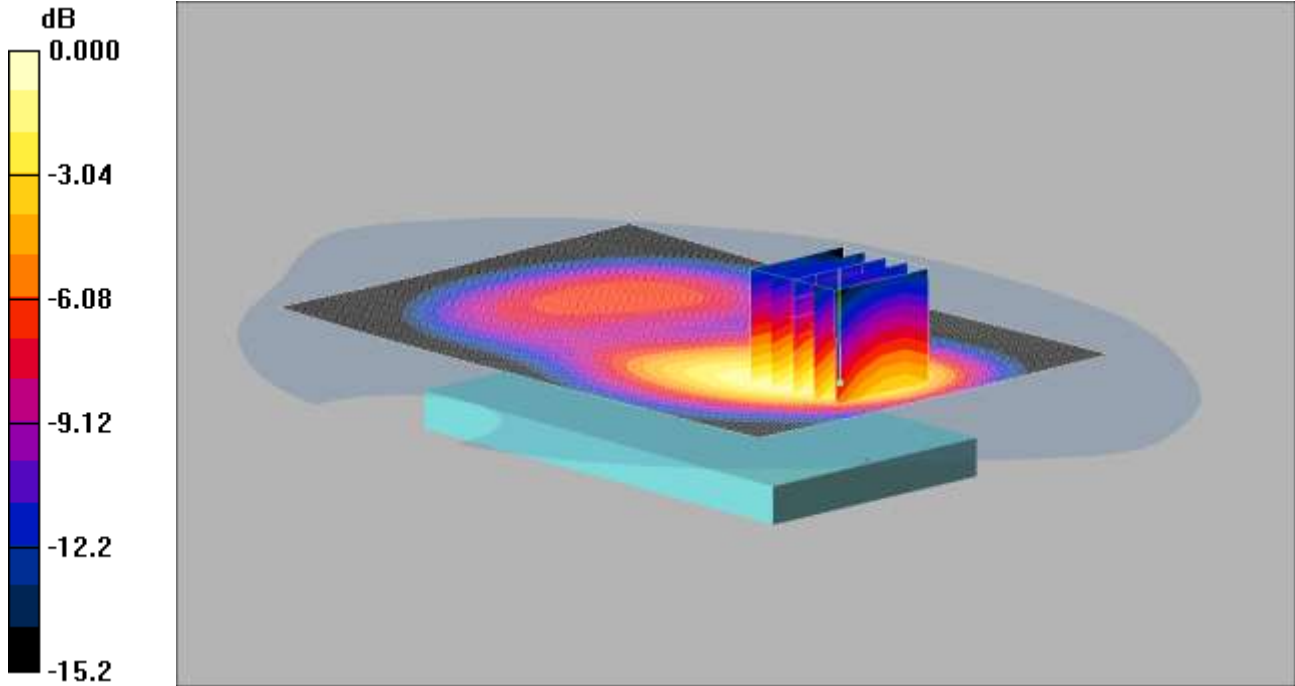
**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.601 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g

SCN/90893JD02/222: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 1RB Middle QPSK CH19957

Date: 19/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.12mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1710.7 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1710.7$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Low/Area Scan (81x121x1):** Measurement grid:

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

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

**Front of EUT Facing Phantom at 15mm Separation- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.8 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.62 W/kg

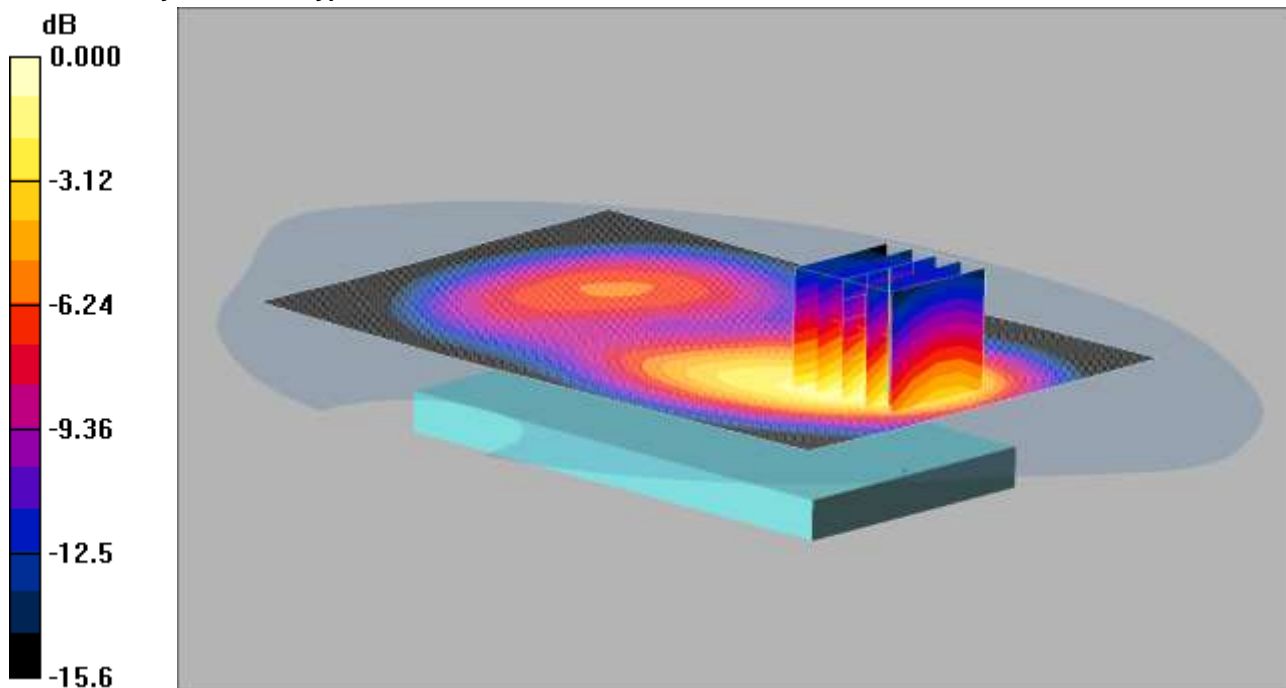
**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.615 mW/g**

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

SCN/90893JD02/223: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 1RB Middle QPSK CH20393

Date: 19/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.22mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- High/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.20 mW/g

**Front of EUT Facing Phantom at 15mm Separation- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.9 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.76 W/kg

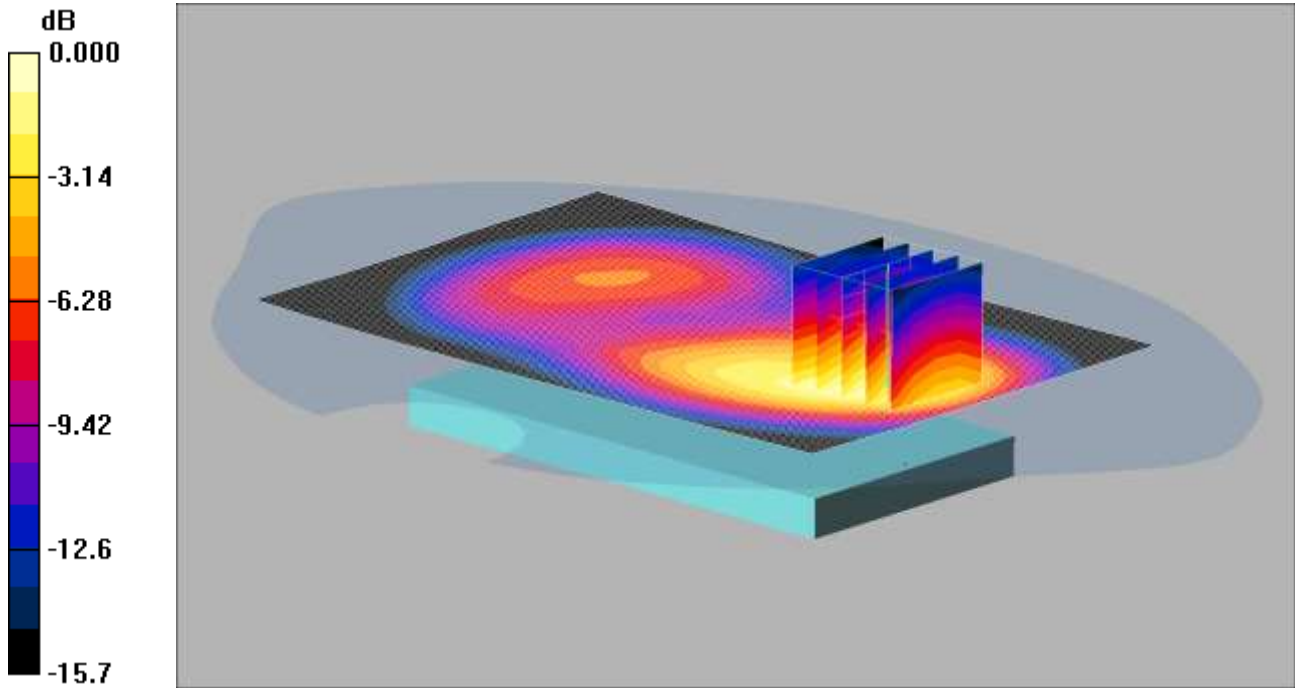
**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.644 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



SCN/90893JD02/224: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 50% RB  
 Middle QPSK CH20393  
 Date: 19/12/2012

**DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD**



0 dB = 1.23mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- High/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.22 mW/g

**Front of EUT Facing Phantom at 15mm Separation- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.0 V/m; Power Drift = 0.006 dB

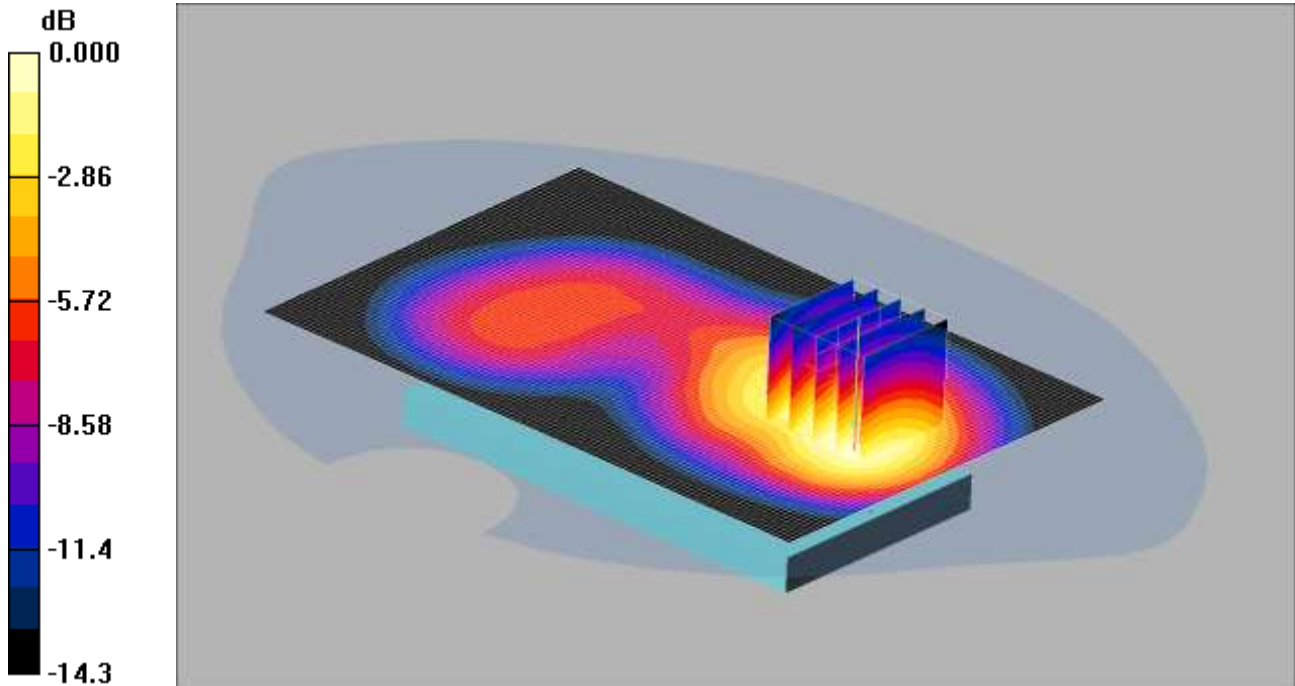
Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.653 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g

SCN/90893JD02/225: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 50% RB  
 Middle QPSK CH20175  
 Date: 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.03mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Middle/Area Scan (81x121x1):** Measurement grid:

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

Maximum value of SAR (interpolated) = 1.08 mW/g

**Front of EUT Facing Phantom at 15mm Separation- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.6 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 1.44 W/kg

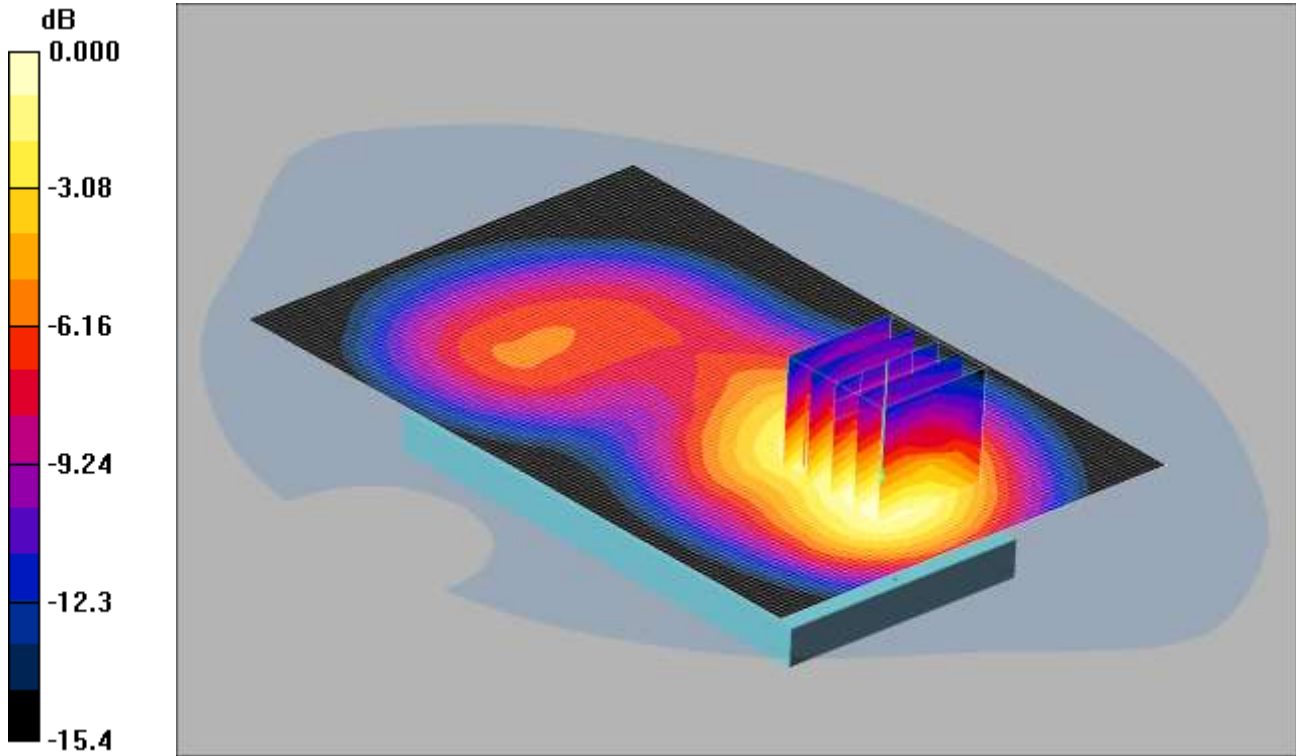
**SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.612 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g

SCN/90893JD02/226: Front of EUT Facing Phantom at 15mm separation LTE Band 4 1.4MHz BW 50% RB  
 Middle QPSK CH19957

Date: 19/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 0.992mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1710.7 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1710.7 MHz;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom at 15mm Separation- Low/Area Scan (81x121x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 mW/g

**Front of EUT Facing Phantom at 15mm Separation- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.056 dB

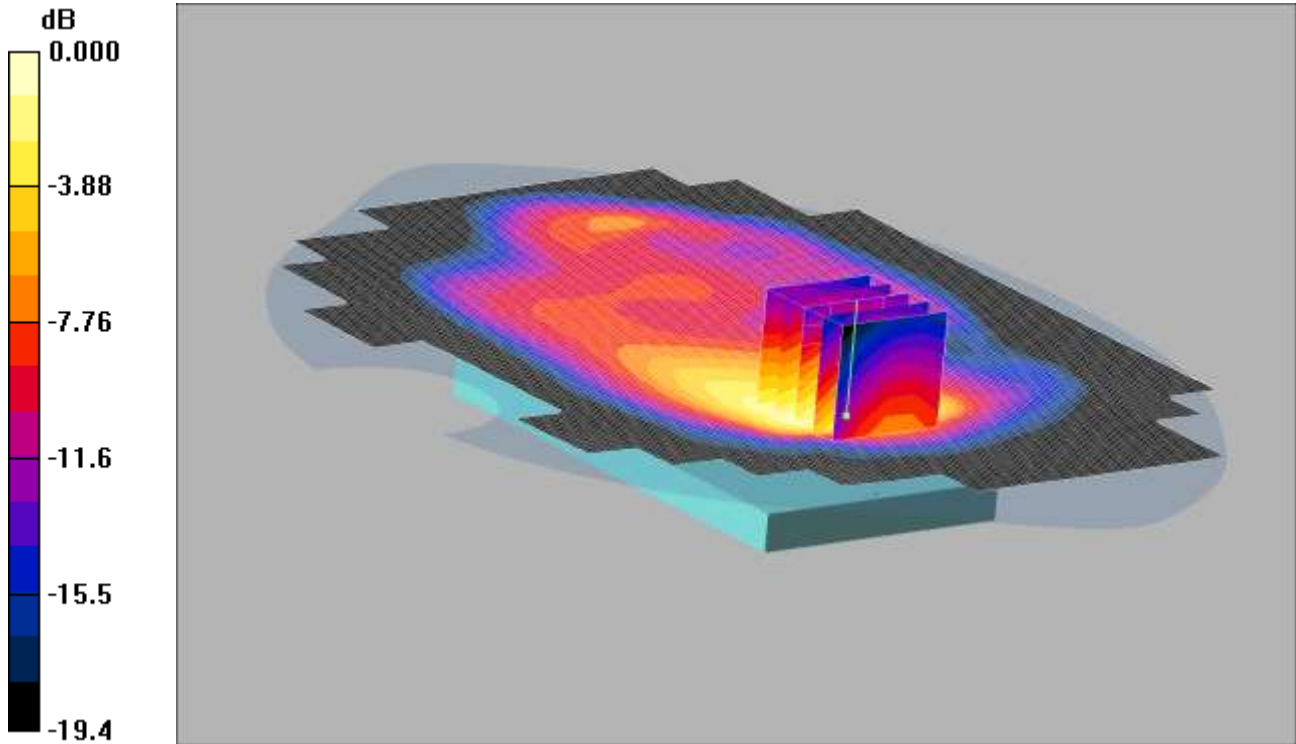
Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.590 mW/g**

Maximum value of SAR (measured) = 0.992 mW/g

SCN/90893JD02/227: Front of EUT Facing Phantom with PHF at 15mm separation LTE Band 4 1.4MHz BW  
 50% RB Middle QPSK CH20393  
 Date 31/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT A; Serial: CB5121Z4WD



0 dB = 1.48mW/g

Communication System: LTE - Band 4 / 1.4MHz Channel; Frequency: 1754.3 MHz; Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated):  $f = 1754.3$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom with PHF at 15mm Separation- High/Area Scan (121x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.67 mW/g

**Front of EUT Facing Phantom with PHF at 15mm Separation- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.755 mW/g**

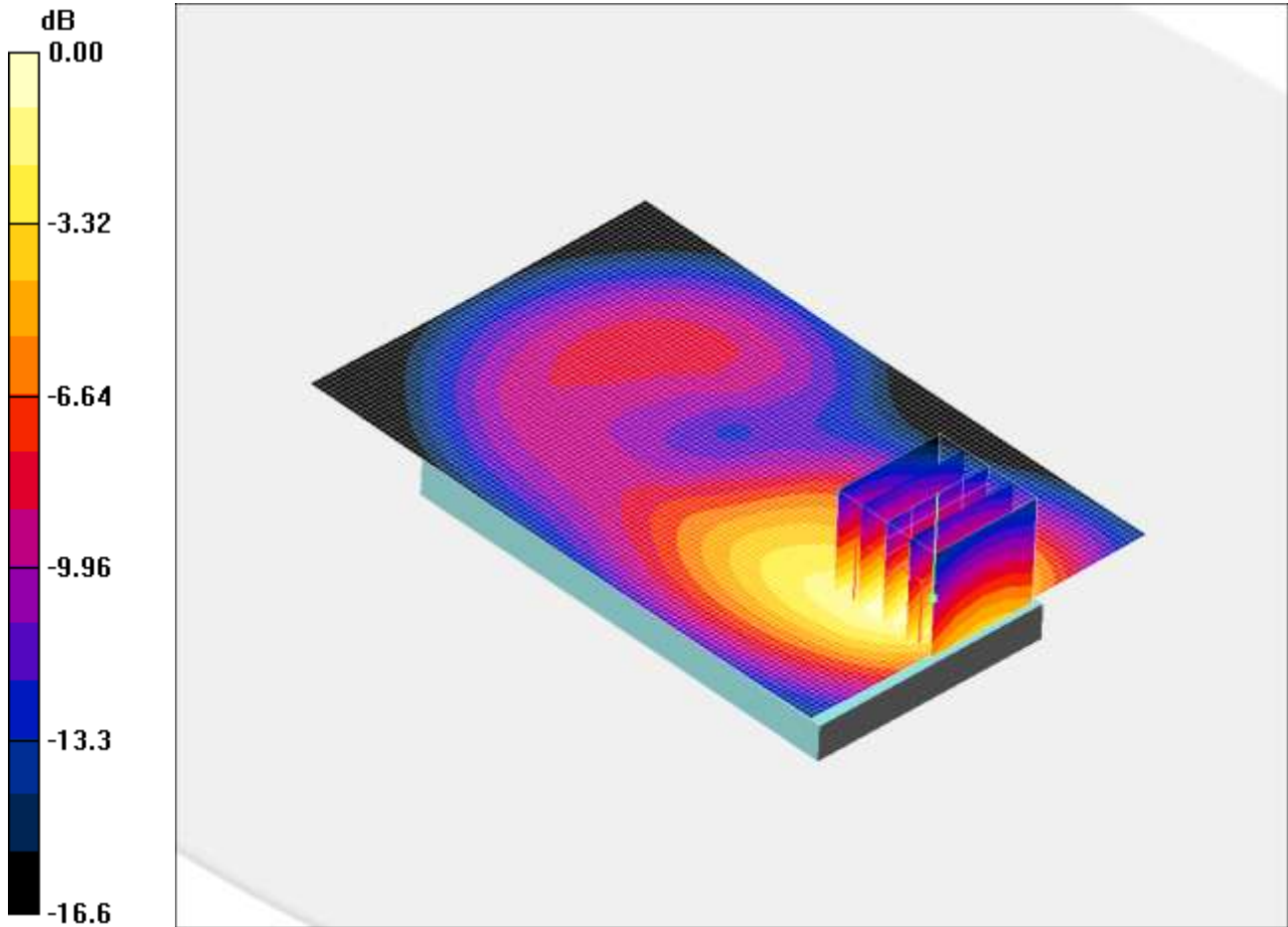
Maximum value of SAR (measured) = 1.48 mW/g

SCN/90893JD02/228: Front of EUT Facing Phantom at 15mm LTE Band 4 1.4MHz BW 100% RB QPSK

CH20393

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD



0 dB = 0.814mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1754.3 MHz;Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma$  = 1.49 mho/m;  $\epsilon_r$  = 52.1;  $\rho$  = 1000 kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom at 15mm - High/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.804 mW/g

**Front of EUT Facing Phantom at 15mm - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

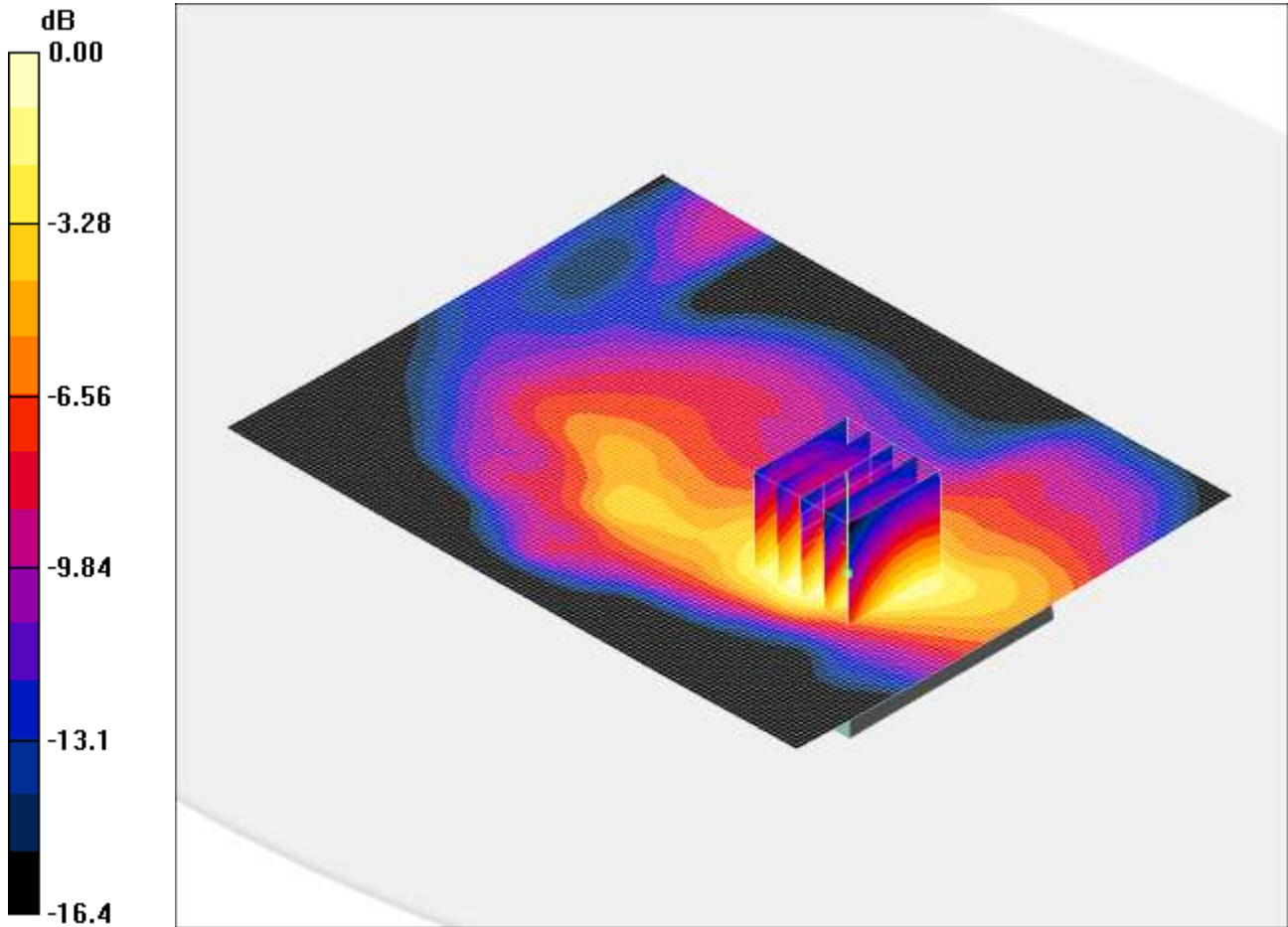
Reference Value = 6.44 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 0.814 mW/g

SCN/90893JD02/229: Front of EUT Facing Phantom at 15mm with PHF LTE Band 4 1.4MHz BW 100% RB  
 QPSK CH20393  
 Date: 08/02/2013  
**DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FD**



0 dB = 0.531mW/g

Communication System: LTE-Band 4\_1.4MHz Channel; Frequency: 1754.3 MHz;Duty Cycle: 1:1  
 Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1754.3 MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom at 15mm with PHF - High/Area Scan (101x131x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.558 mW/g

**Front of EUT Facing Phantom at 15mm with PHF - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.82 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.830 W/kg

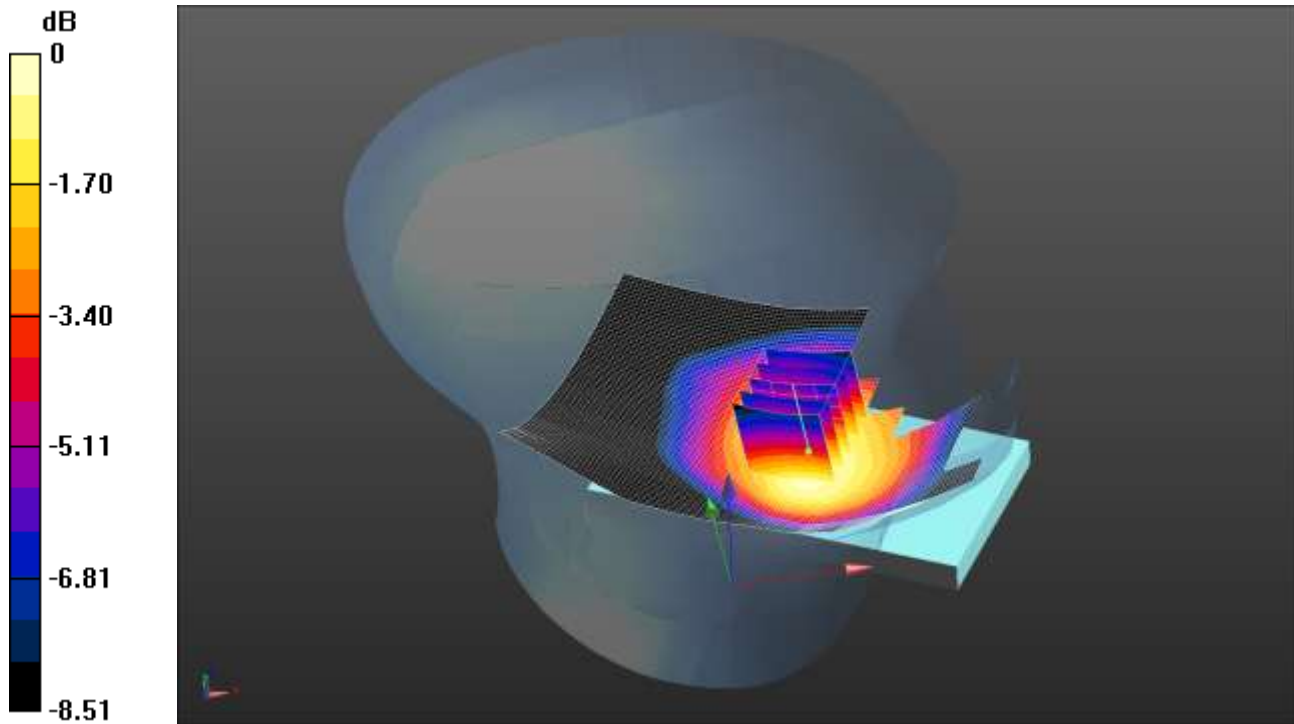
**SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.300 mW/g**

Maximum value of SAR (measured) = 0.531 mW/g

SCN/90893JD02/230: Touch Left LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.397 W/kg = -4.01 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

**Configuration/Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.547 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.490 W/kg

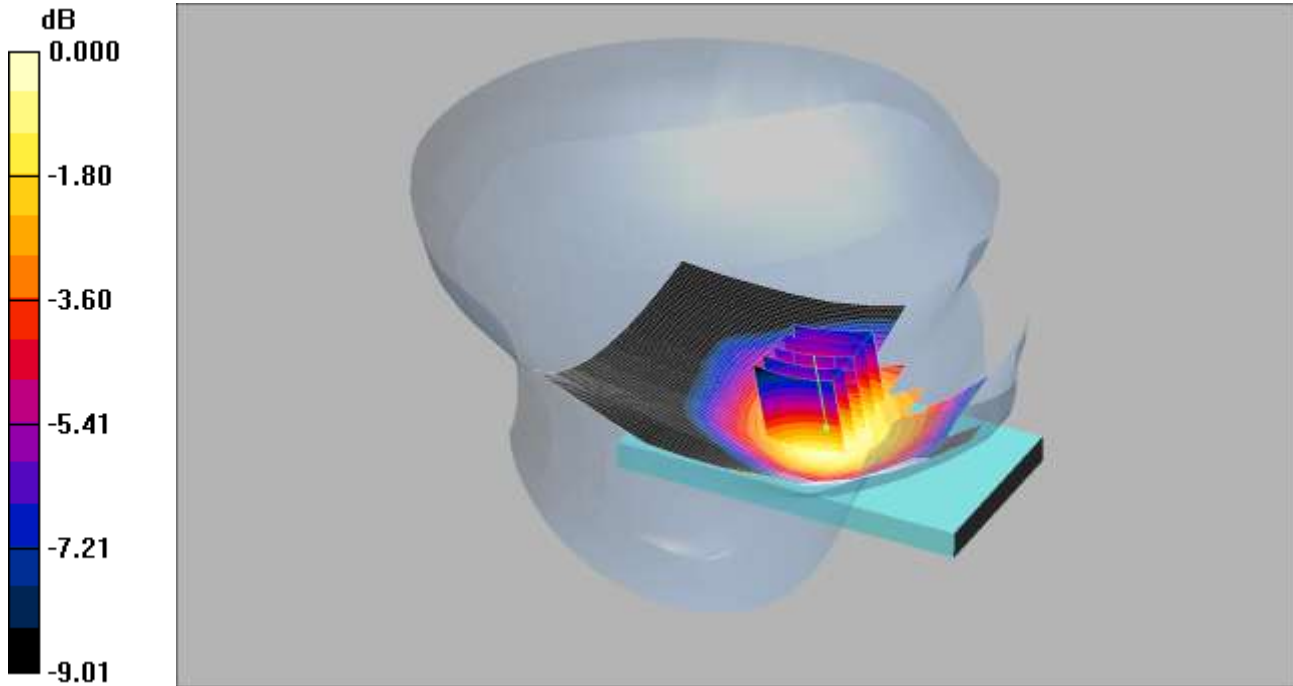
**SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.397 W/kg

SCN/90893JD02/231: Touch Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.374mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

**Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.49 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.262 mW/g**

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

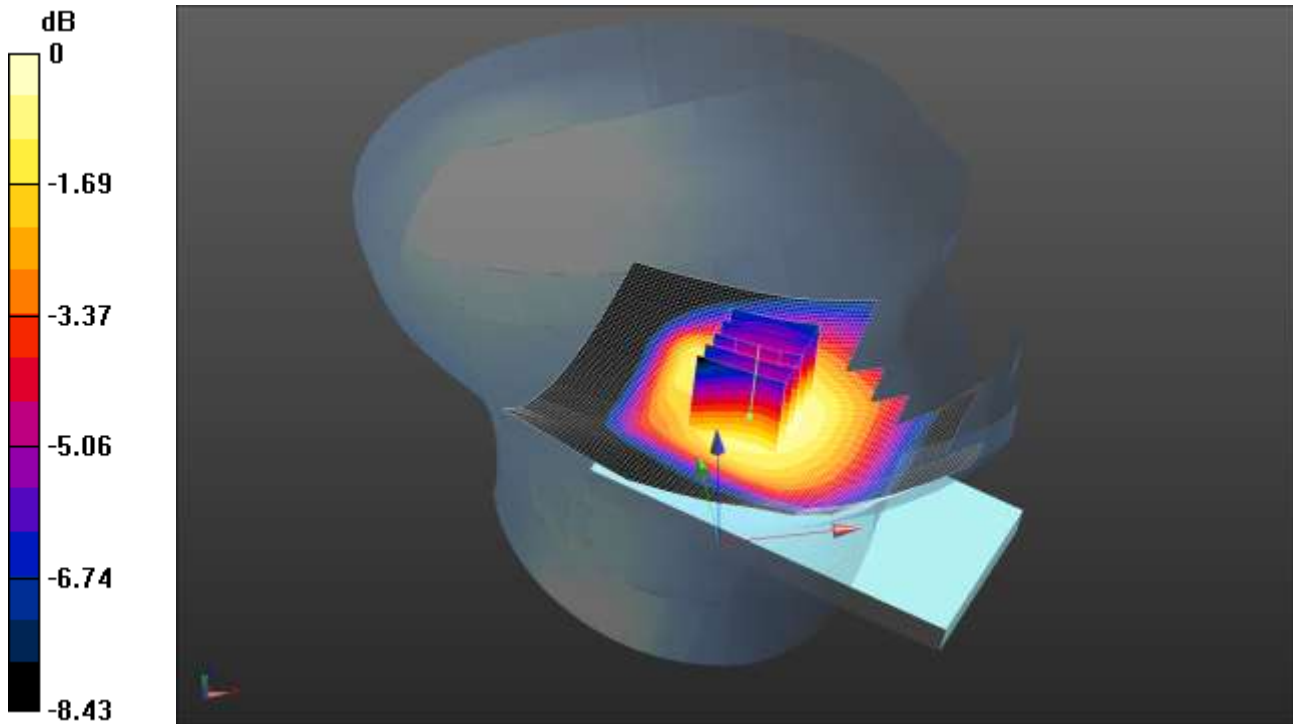


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 SCN/90893JD02/232: Tilt Left LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.246 W/kg = -6.09 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.241 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.282 W/kg

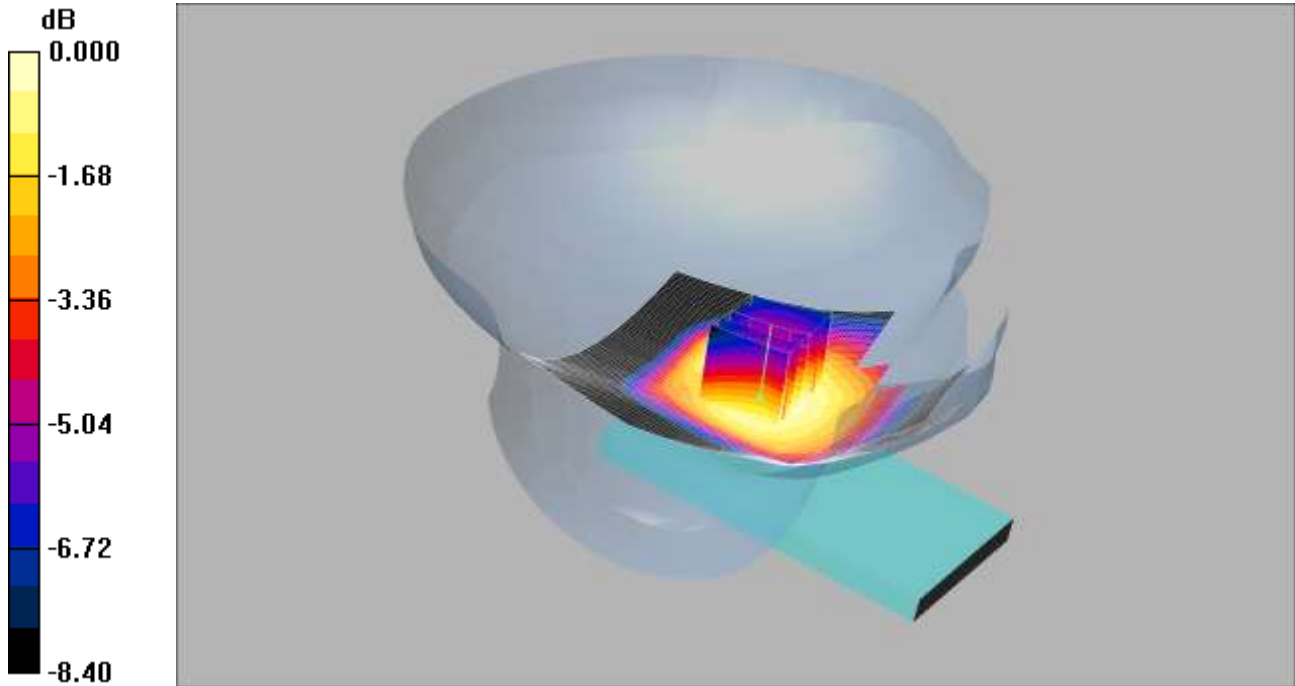
**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.246 W/kg

SCN/90893JD02/233: Tilt Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.238mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.236 mW/g

**Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.174 mW/g**

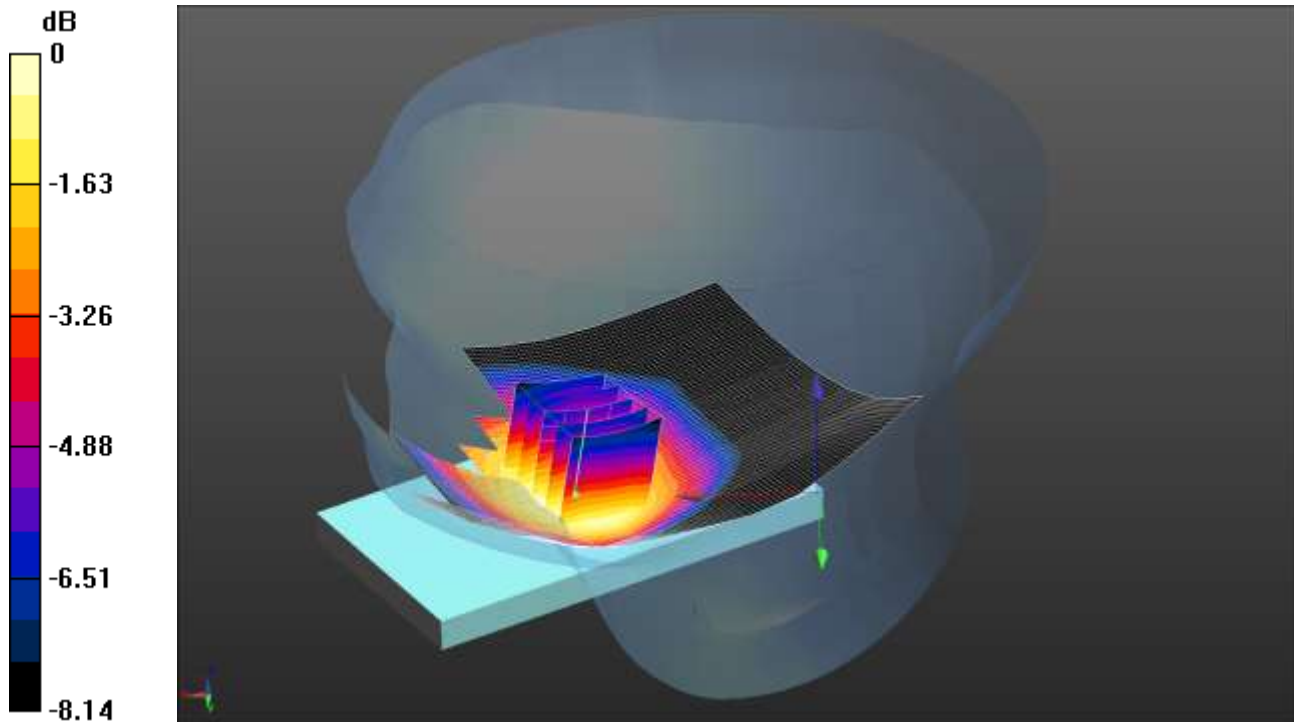
Maximum value of SAR (measured) = 0.238 mW/g

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 SCN/90893JD02/234: Touch Right LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.410 W/kg = -3.87 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.405 W/kg

**Configuration/Touch Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.847 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.488 W/kg

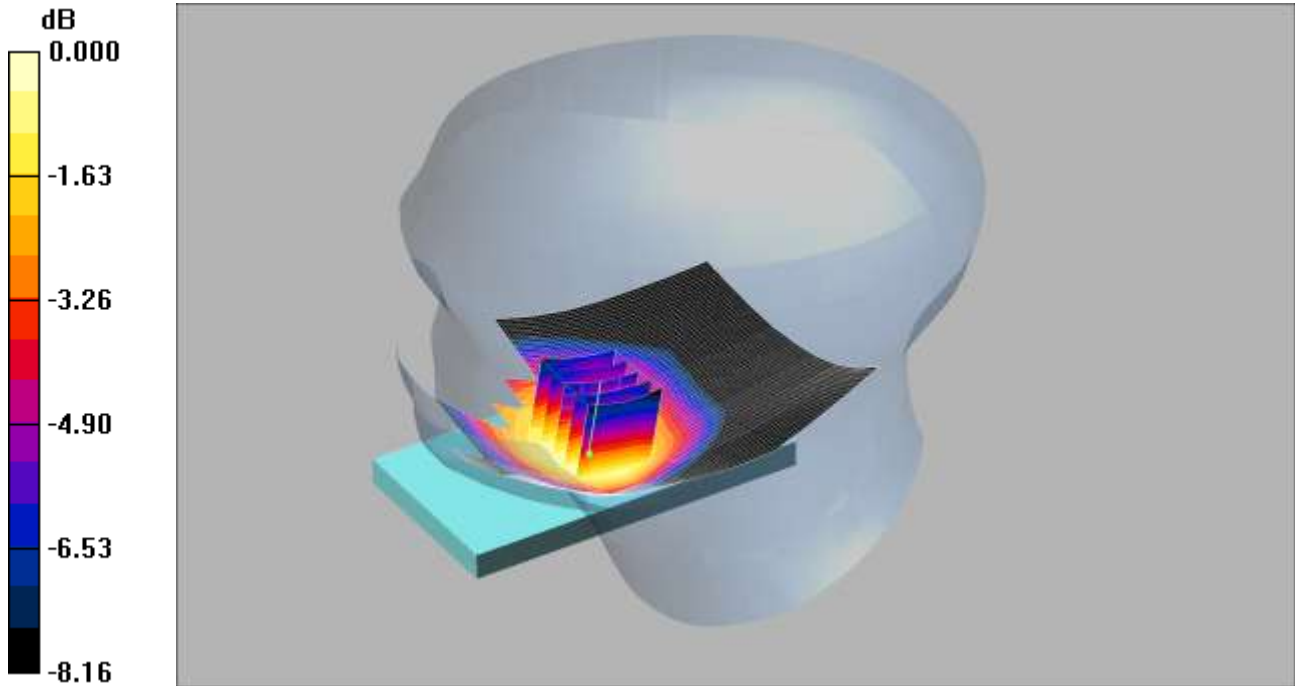
**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.297 W/kg**

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

SCN/90893JD02/235: Touch Right LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.383mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Right - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.376 mW/g

**Touch Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.46 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.452 W/kg

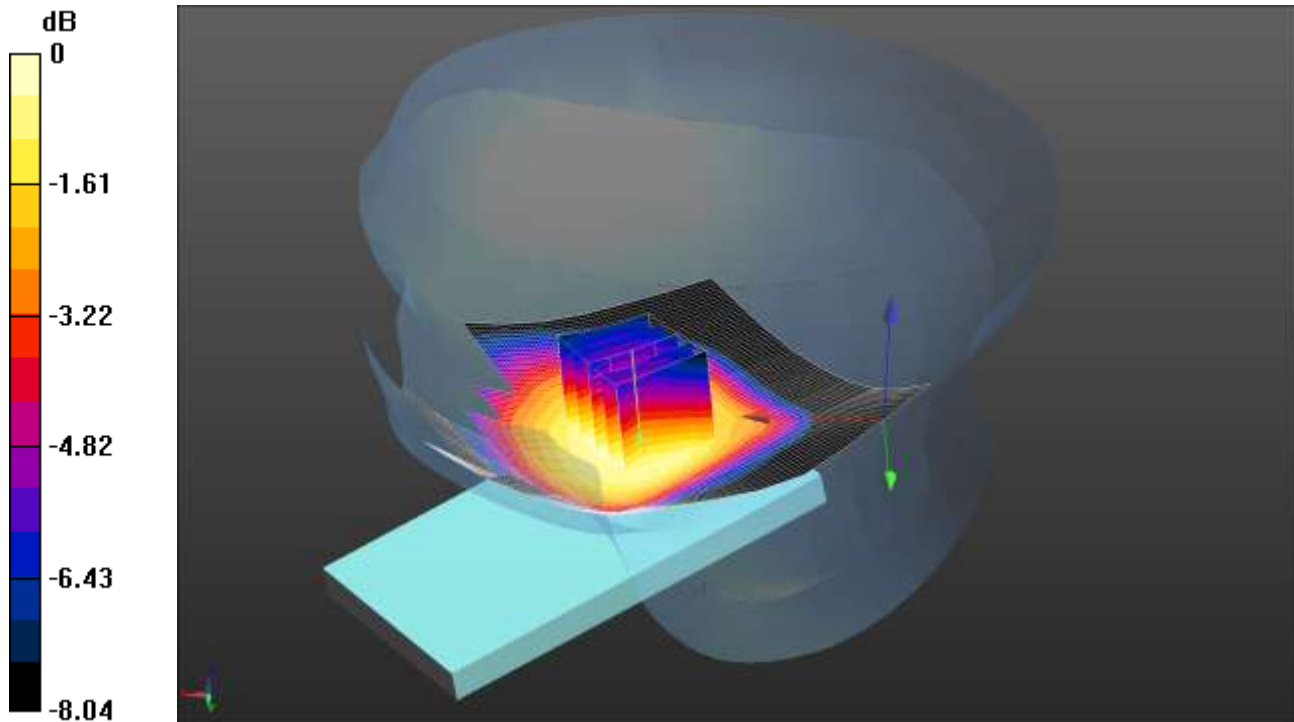
**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g

SCN/90893JD02/236: Tilt Right LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 01/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.275 W/kg = -5.61 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 40.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.277 W/kg

**Configuration/Tilt Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.723 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.312 W/kg

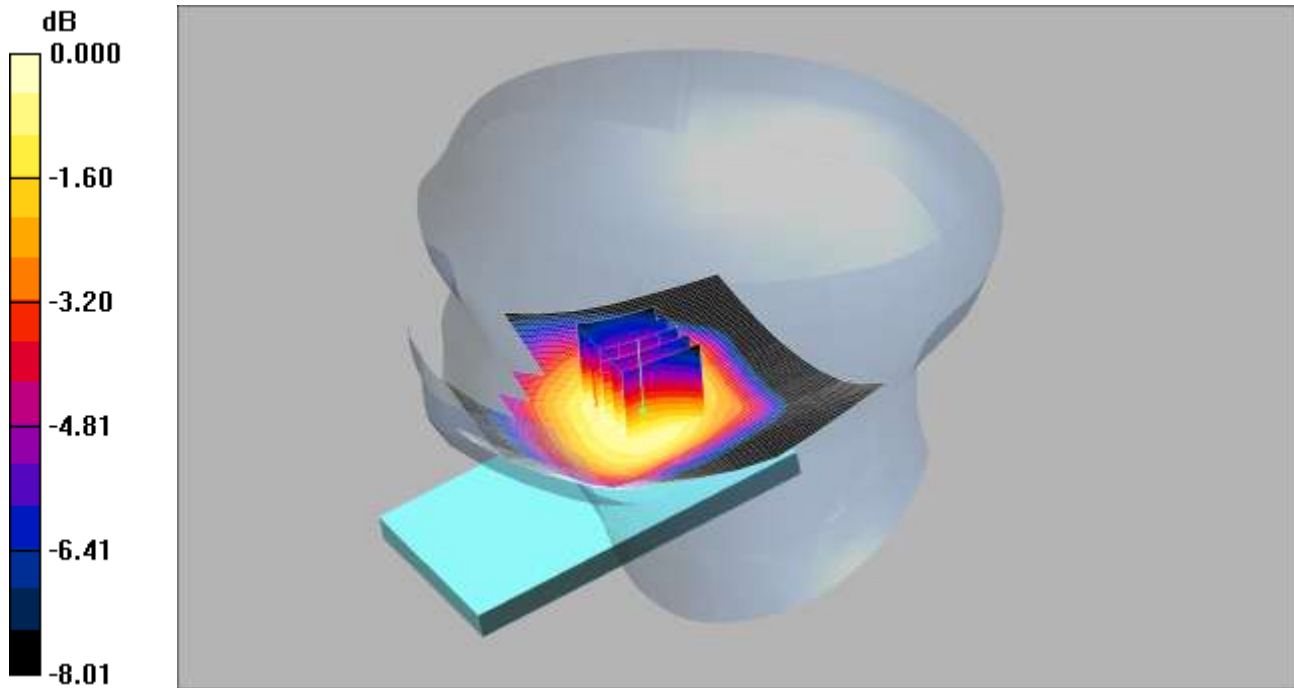
**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg

SCN/90893JD02/237: Tilt Right LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.231mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Right - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 mW/g

**Tilt Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.266 W/kg

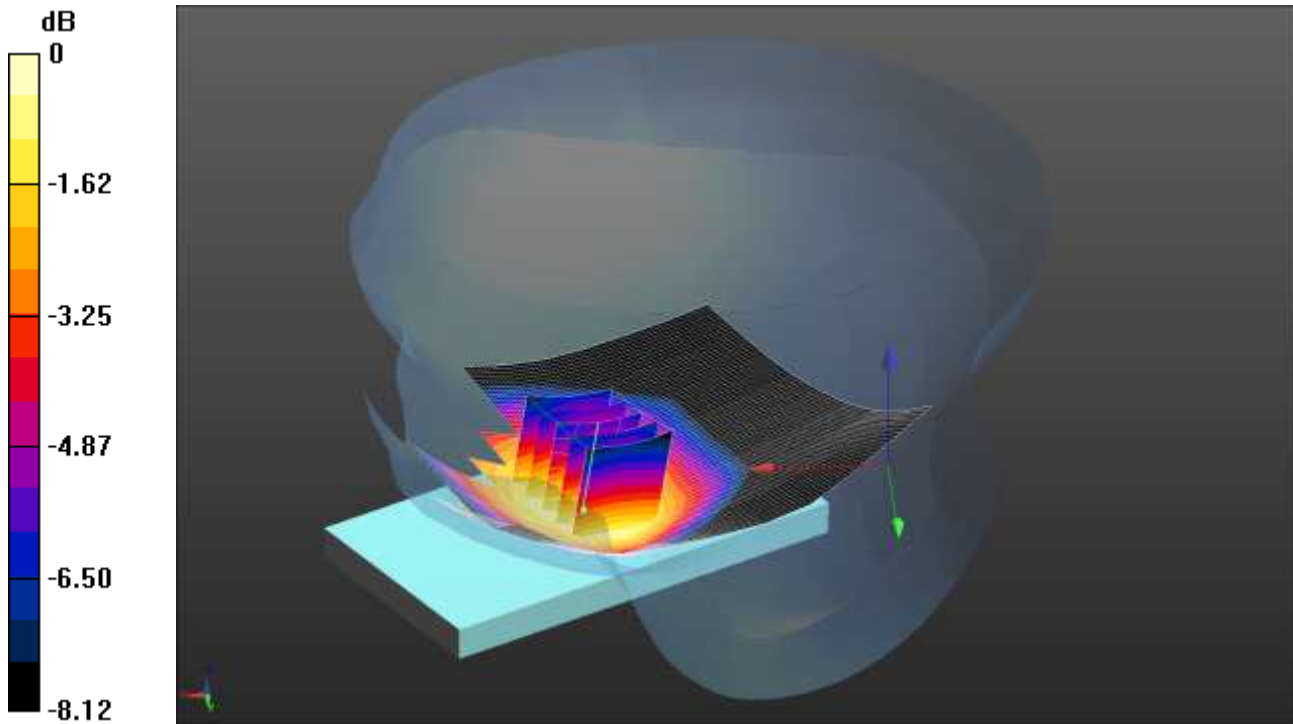
**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.231 mW/g

SCN/90893JD02/238: Touch Right LTE Band 5 10MHz BW 1 RB High End QPSK CH20450

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.479 W/kg = -3.20 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 41.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right - Low/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.469 W/kg

**Configuration/Touch Right - Low/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.778 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.572 W/kg

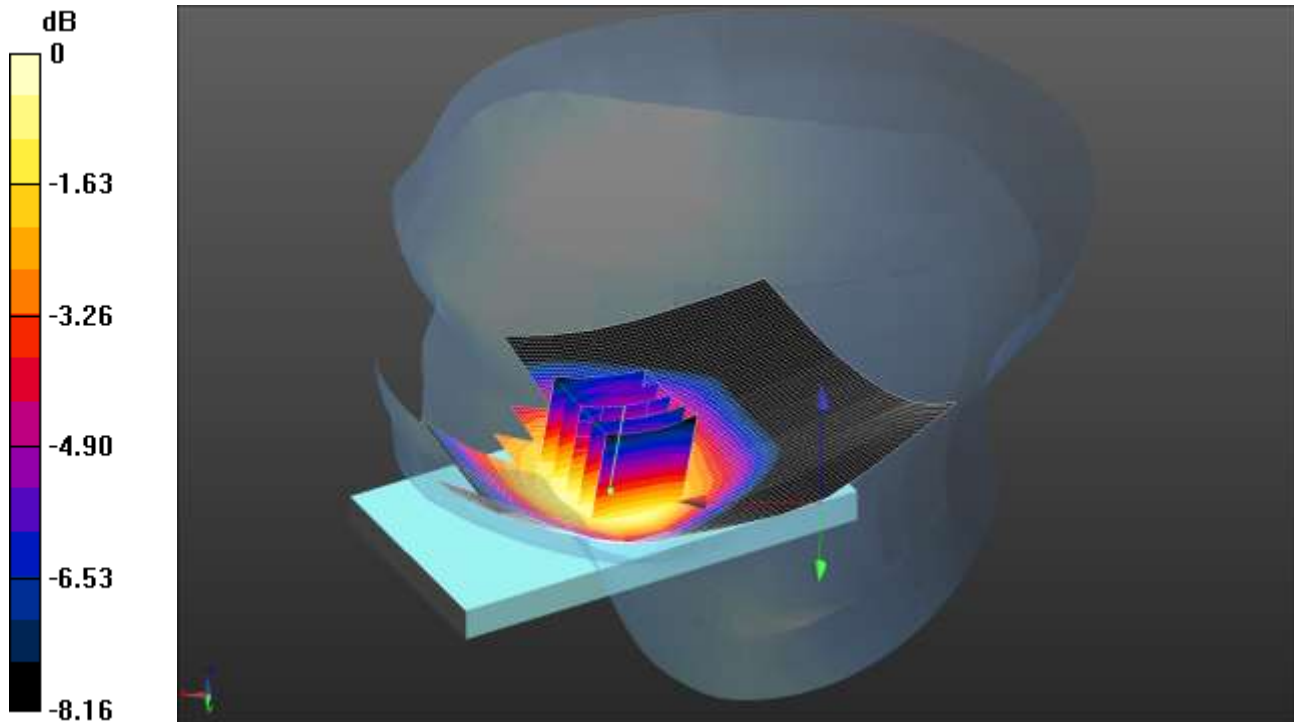
**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.348 W/kg**

Maximum value of SAR (measured) = 0.479 W/kg

SCN/90893JD02/239: Touch Right LTE Band 5 10MHz BW 1 RB High End QPSK CH20600

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.524 W/kg = -2.81 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 844$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.563$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right - High/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.521 W/kg

**Configuration/Touch Right - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.047 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.636 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.378 W/kg**

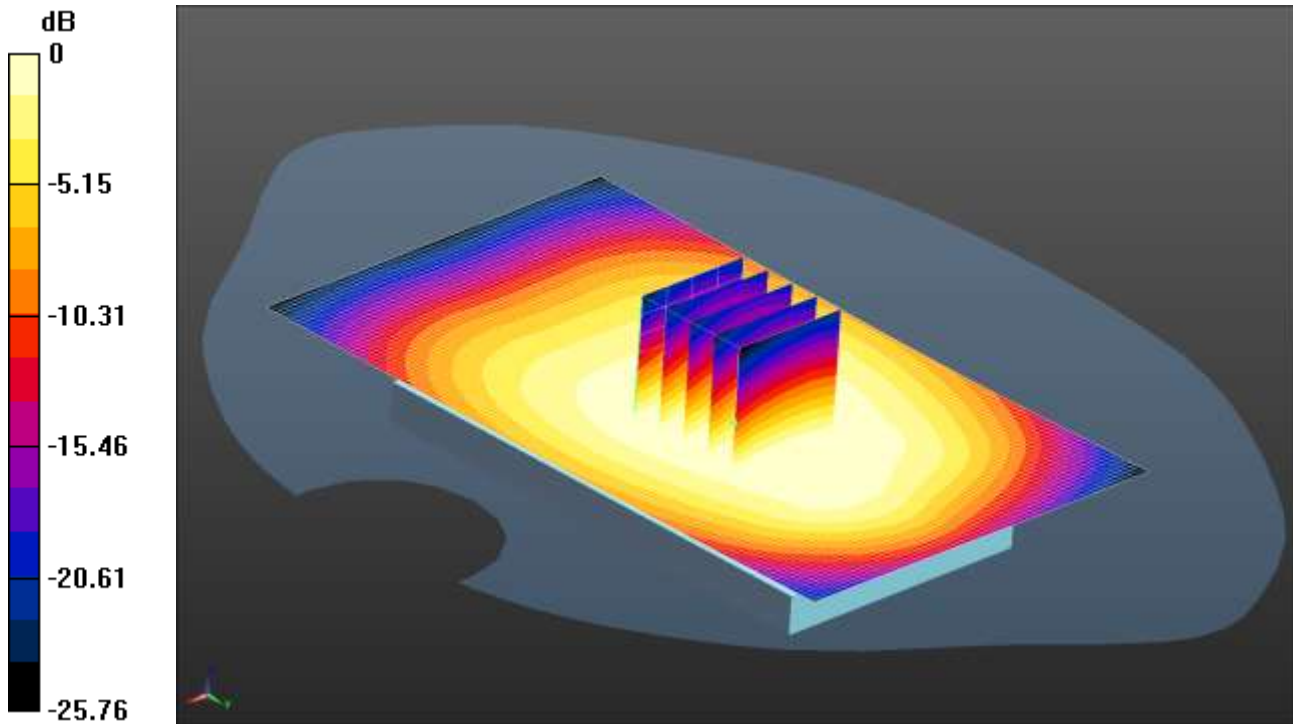
Maximum value of SAR (measured) = 0.524 W/kg



SCN/90893JD02/240: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.514 W/kg = -2.89 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Front of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.514 W/kg

**Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.844 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.579 W/kg

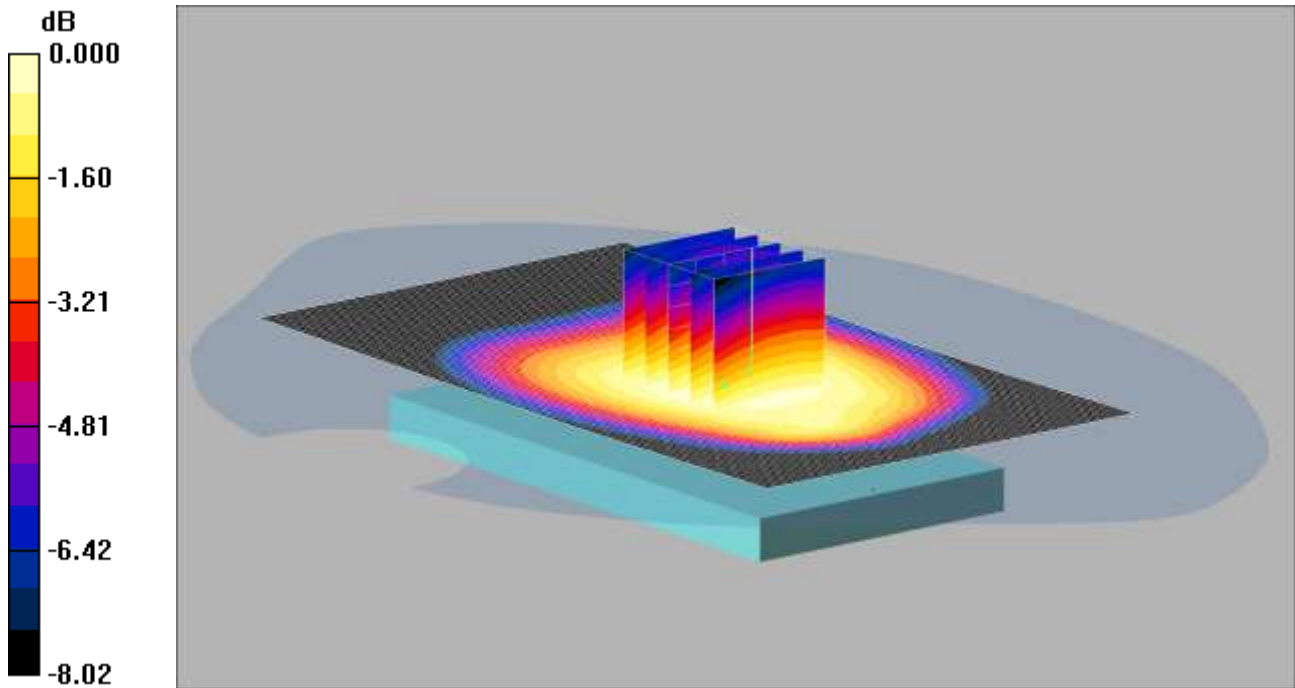
**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.381 W/kg**

Maximum value of SAR (measured) = 0.506 W/kg

SCN/90893JD02/241: Front of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.452mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.442 mW/g

**Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.521 W/kg

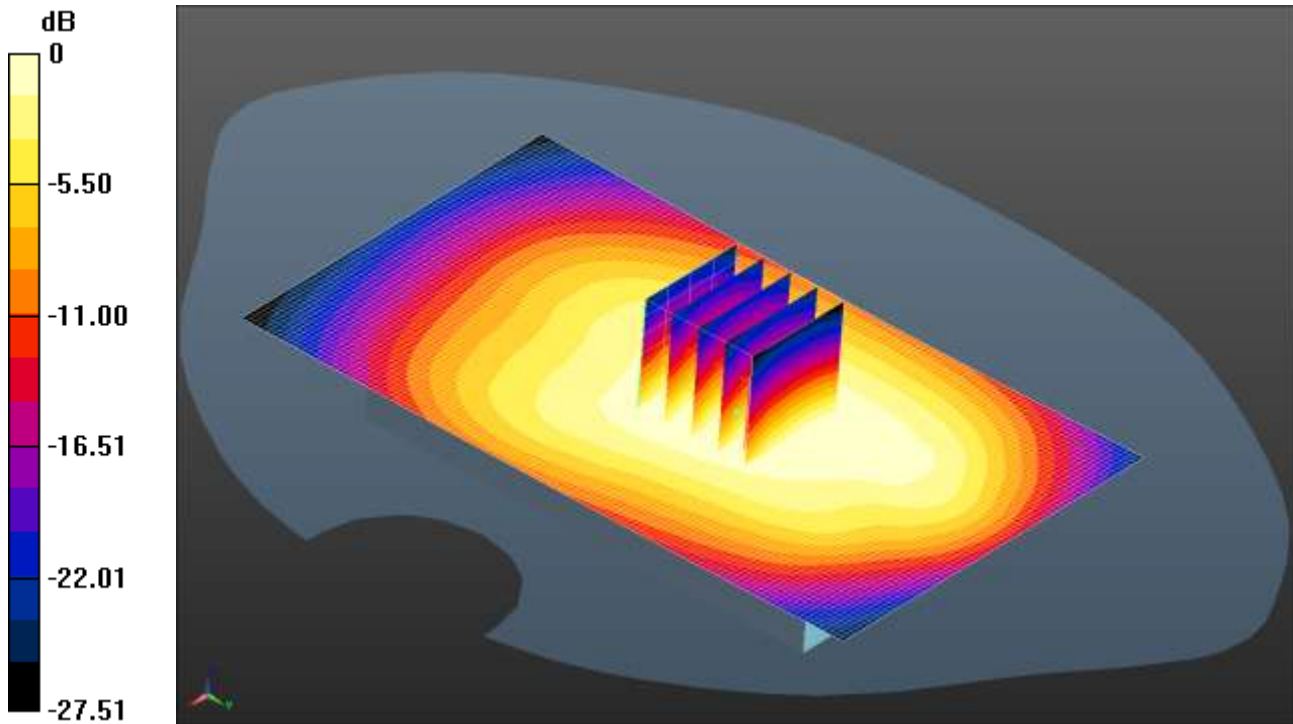
**SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.340 mW/g**

Maximum value of SAR (measured) = 0.452 mW/g

SCN/90893JD02/242: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.750 W/kg = -1.25 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.140 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.860 W/kg

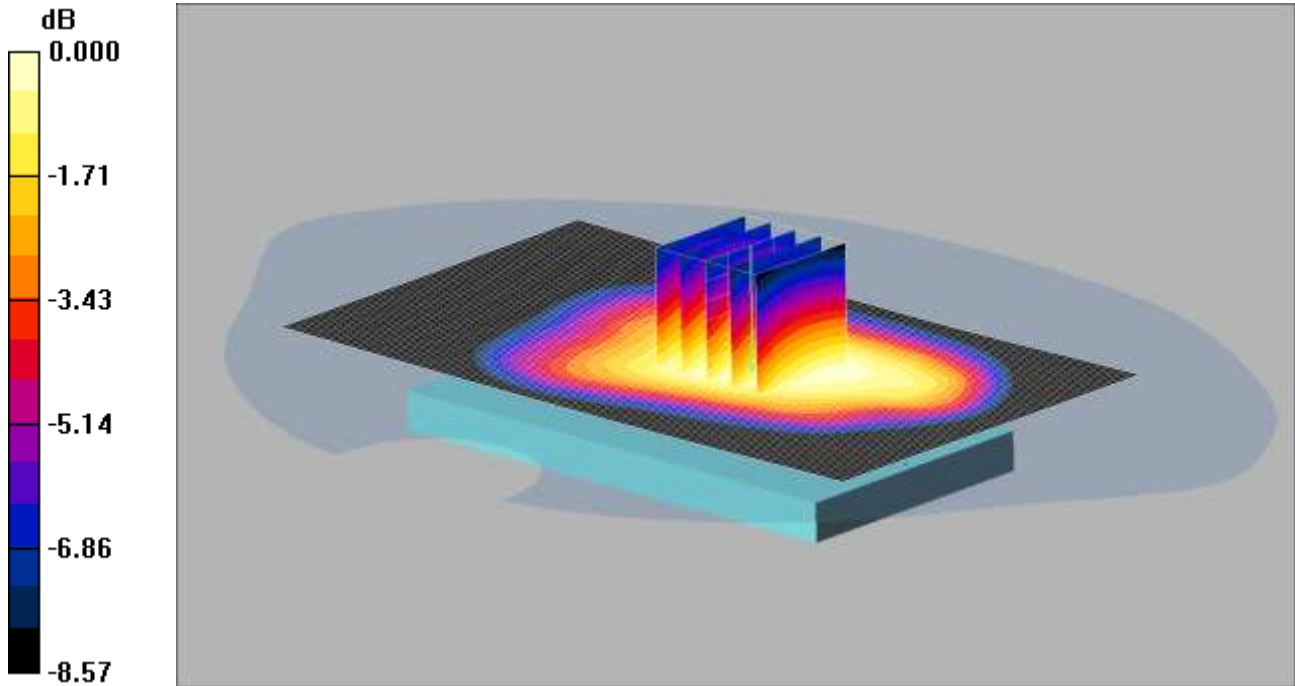
**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.544 W/kg**

Maximum value of SAR (measured) = 0.746 W/kg

SCN/90893JD02/243: Back of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.660mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.672 mW/g

**Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.764 W/kg

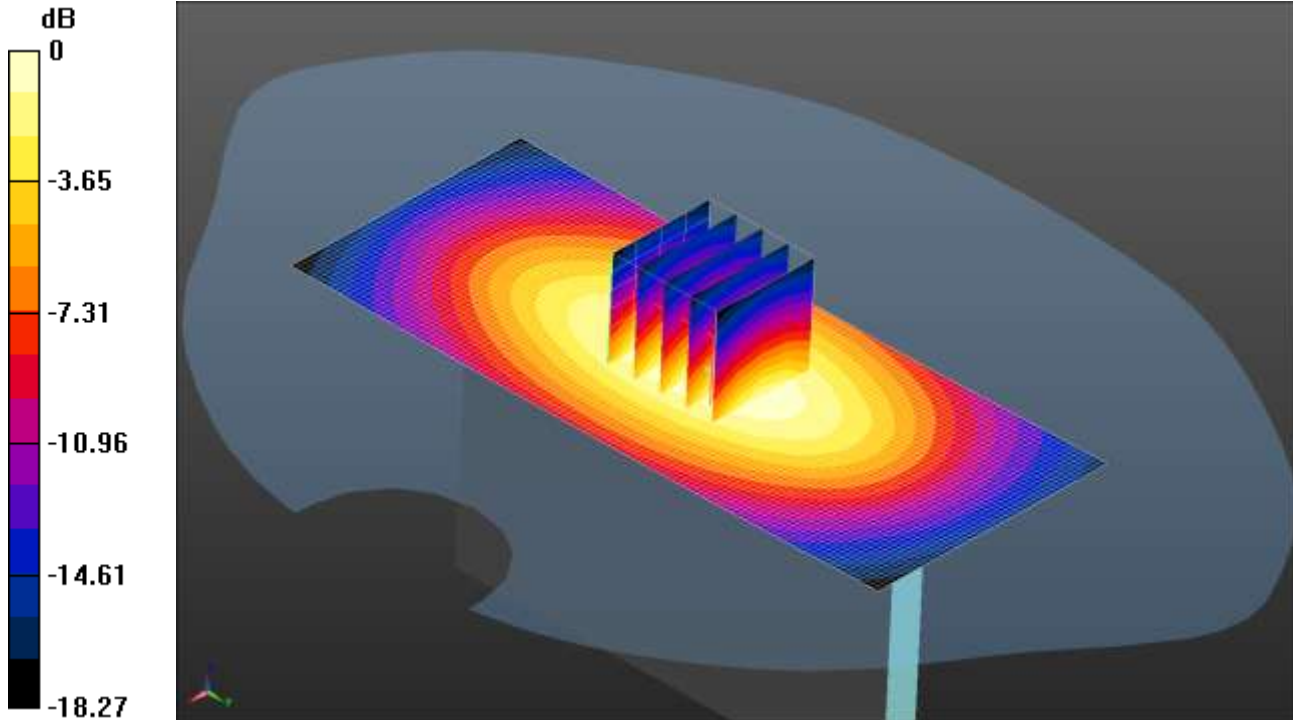
**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.478 mW/g**

Maximum value of SAR (measured) = 0.660 mW/g

SCN/90893JD02/244: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK  
CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.475 W/kg = -3.24 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.475 W/kg

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.500 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.607 W/kg

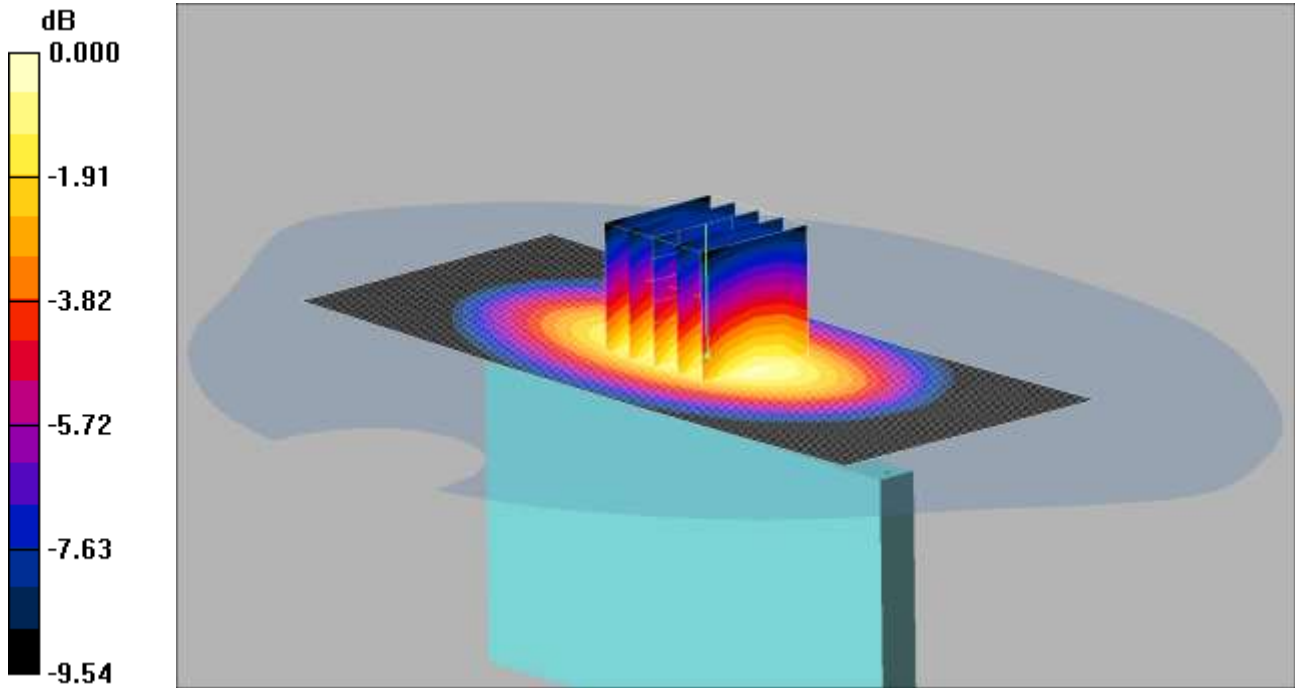
**SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 0.480 W/kg

SCN/90893JD02/245: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB Middle QPSK  
CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.438mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.430 mW/g

**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.556 W/kg

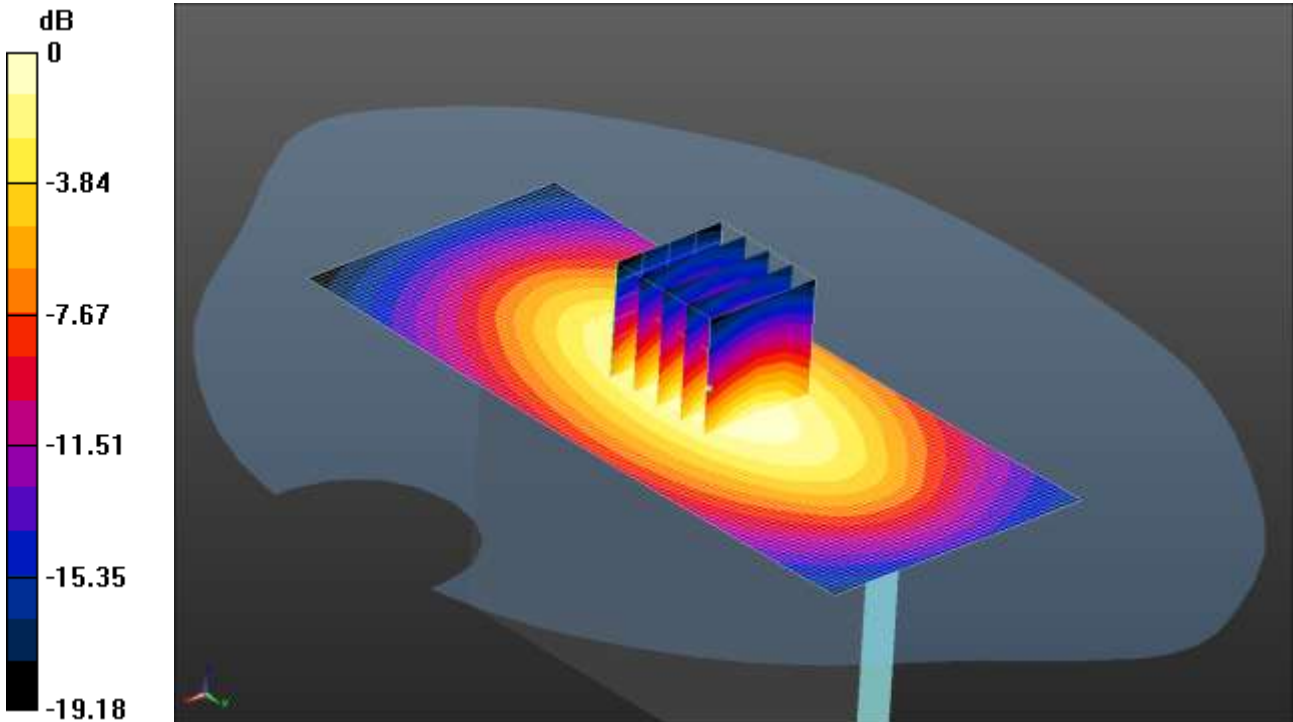
**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.438 mW/g

SCN/90893JD02/246: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.526 W/kg = -2.79 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.526 W/kg

**Configuration/Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.415 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.679 W/kg

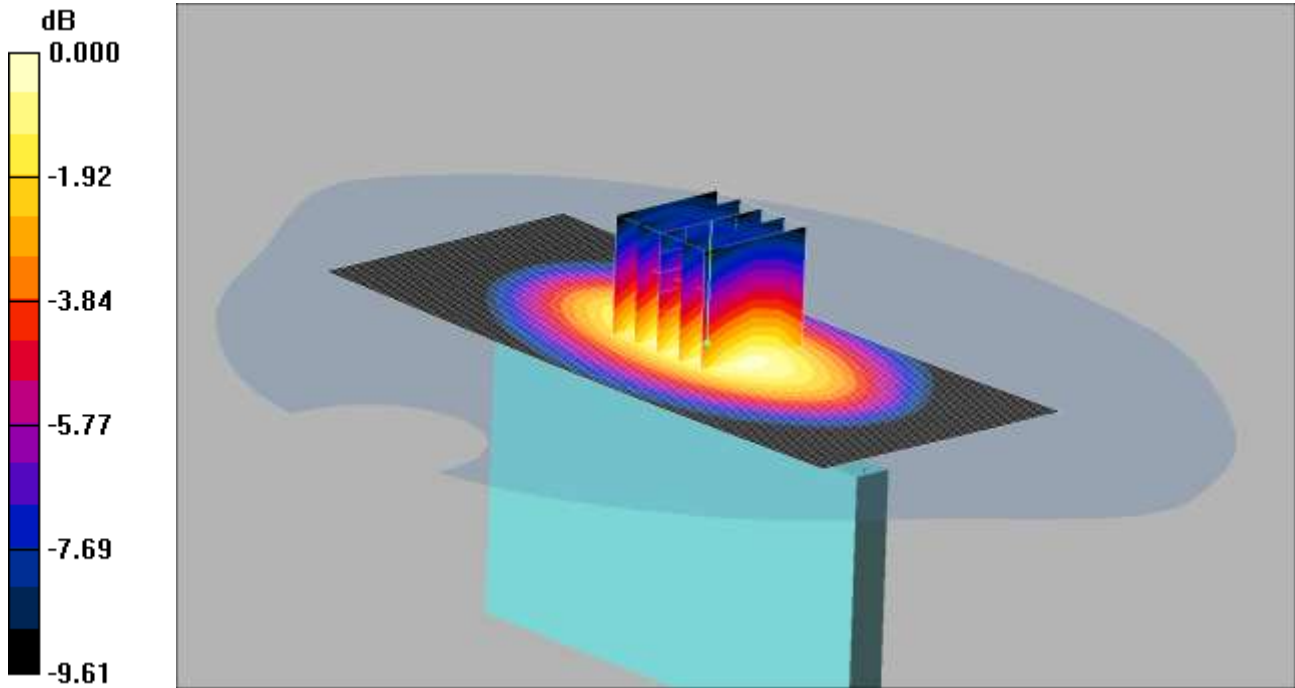
**SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 0.538 W/kg

SCN/90893JD02/247: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.494mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.500 mW/g

**Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.314 mW/g**

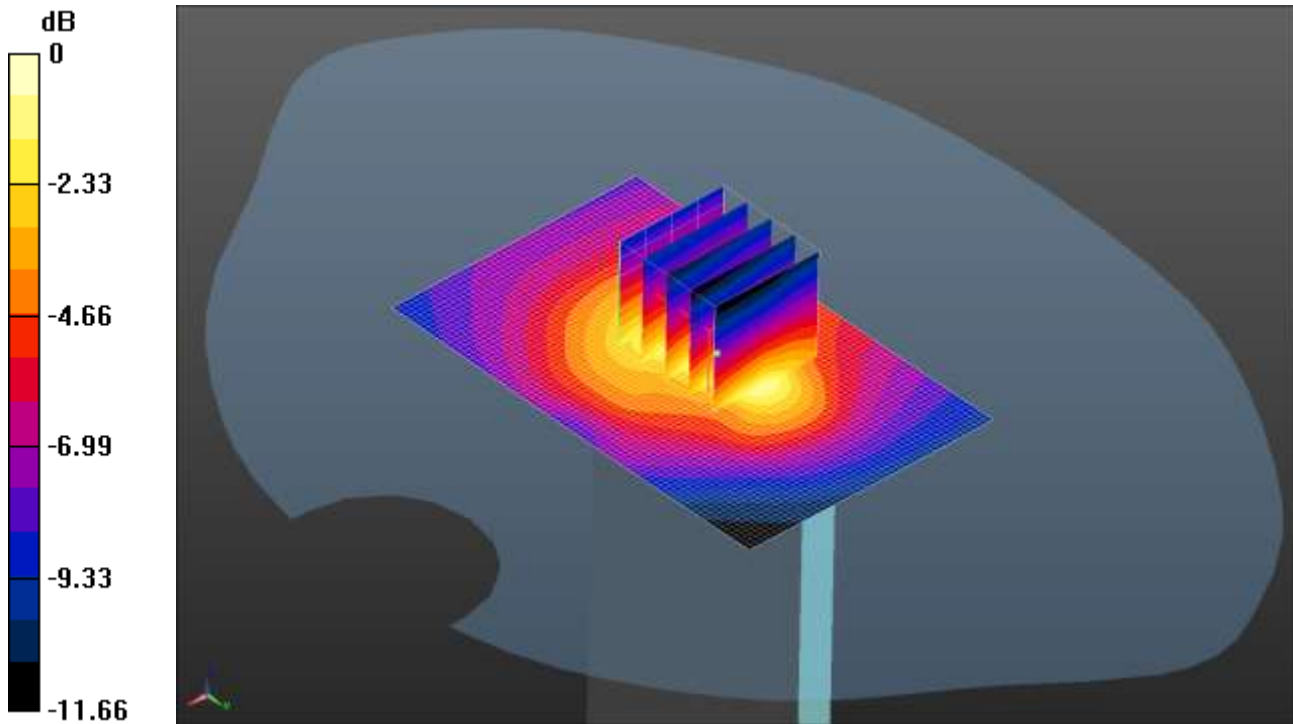
Maximum value of SAR (measured) = 0.494 mW/g



SCN/90893JD02/248: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.121 W/kg = -9.19 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.121 W/kg

**Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.498 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.253 W/kg

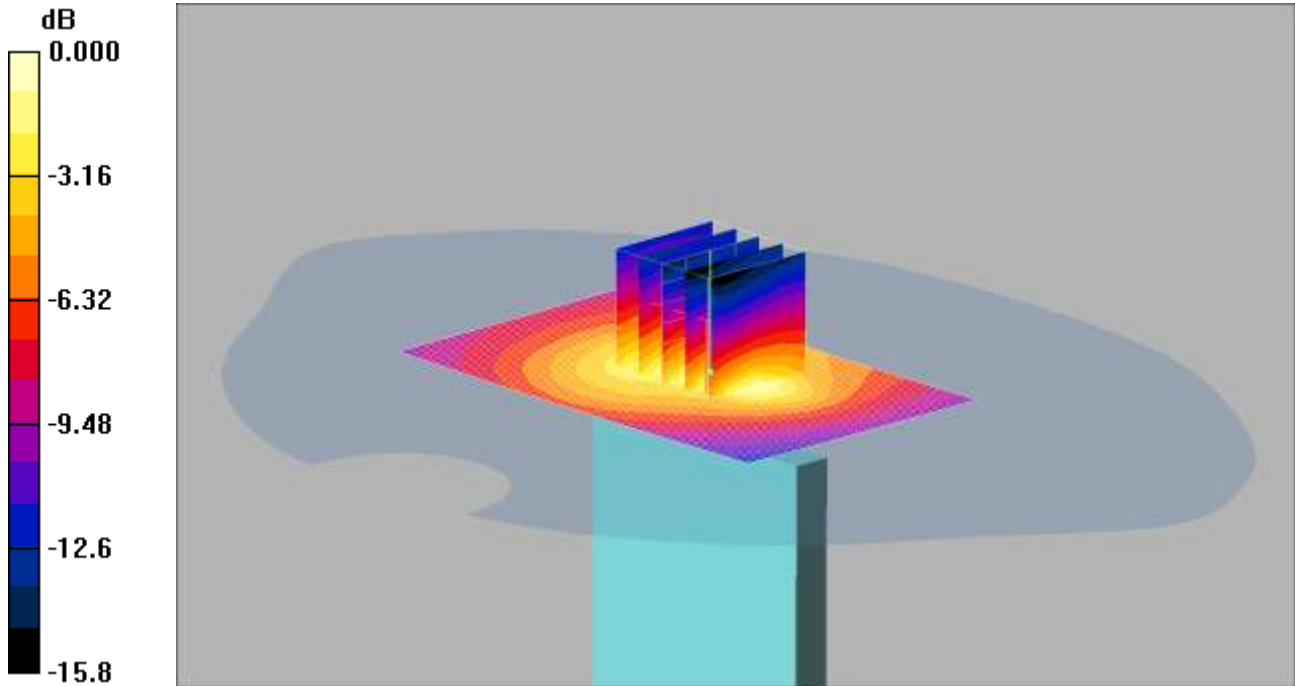
**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.056 W/kg**

Maximum value of SAR (measured) = 0.117 W/kg

SCN/90893JD02/249: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.108mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.108 mW/g

**Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.243 W/kg

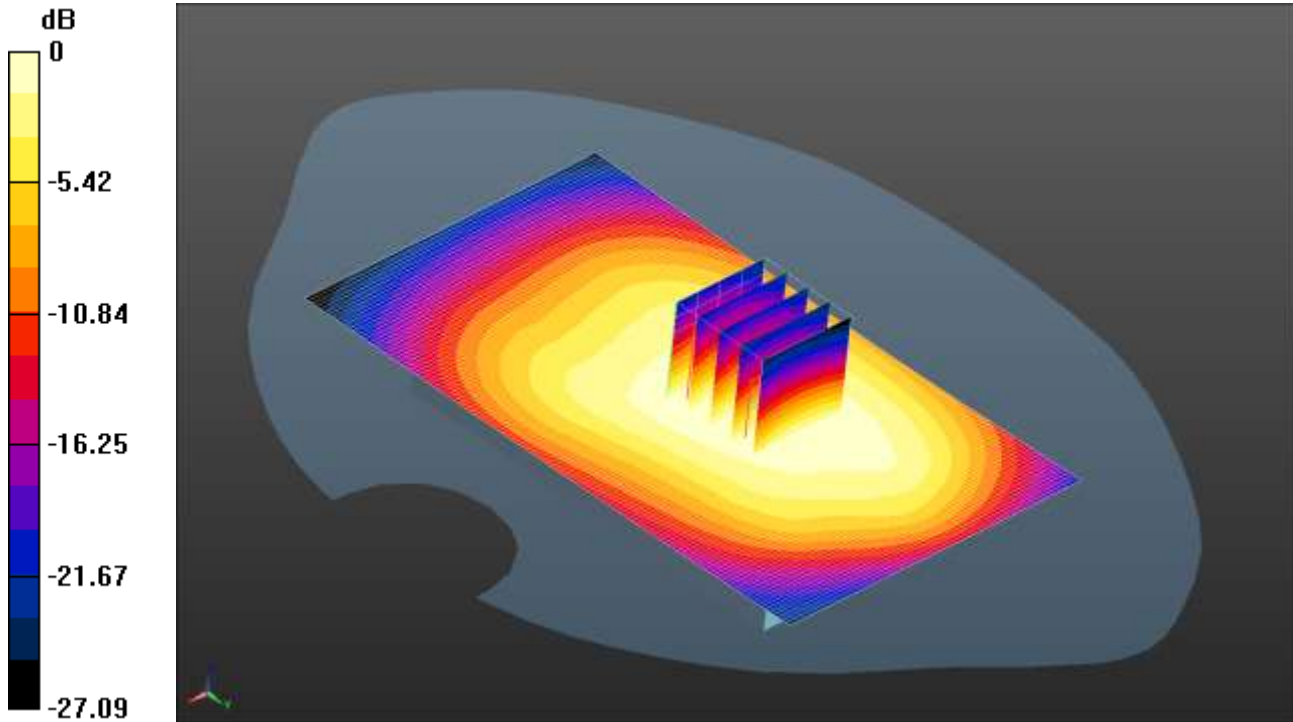
**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.108 mW/g

SCN/90893JD02/250: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20450

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.873 W/kg = -0.59 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 55.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Back of EUT Facing Phantom - Low/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.873 W/kg

**Configuration/Back of EUT Facing Phantom - Low/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.272 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.998 W/kg

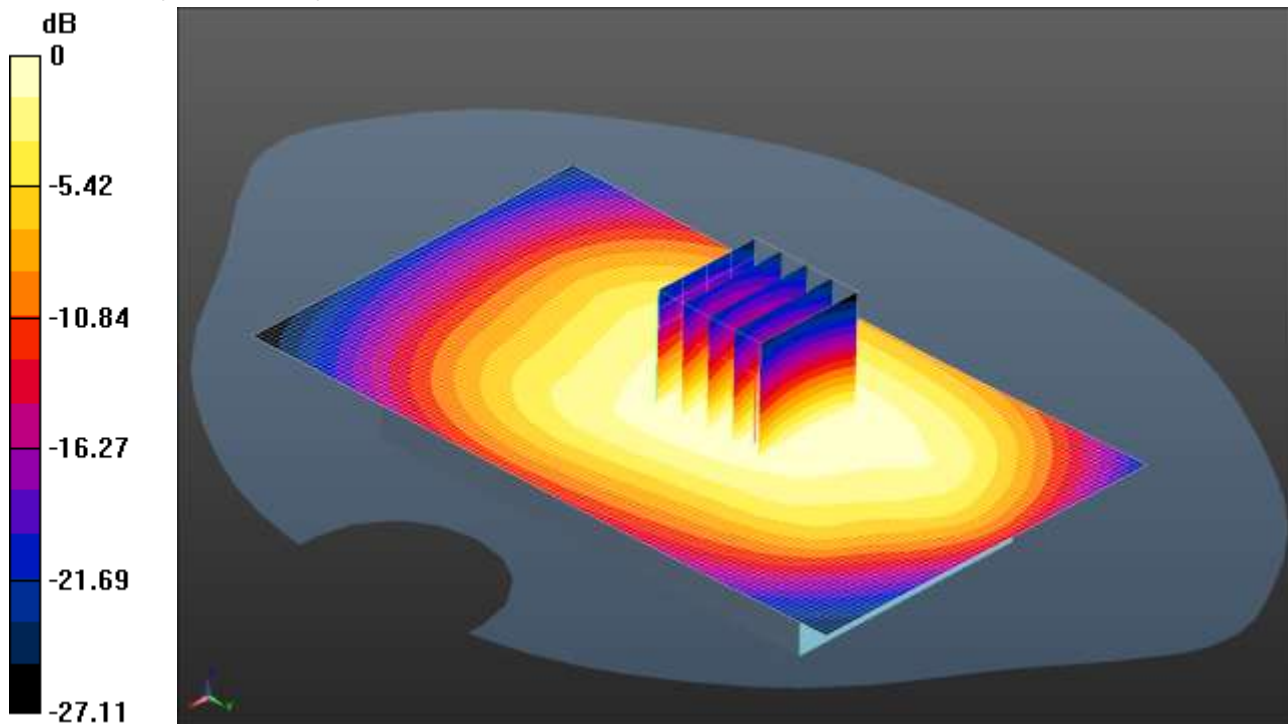
**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.623 W/kg**

Maximum value of SAR (measured) = 0.862 W/kg

SCN/90893JD02/251: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1 RB High End QPSK CH20600

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.887 W/kg = -0.52 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 844 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz MSL Medium parameters used (interpolated): f = 844 MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Back of EUT Facing Phantom - High/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.887 W/kg

**Configuration/Back of EUT Facing Phantom - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.105 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

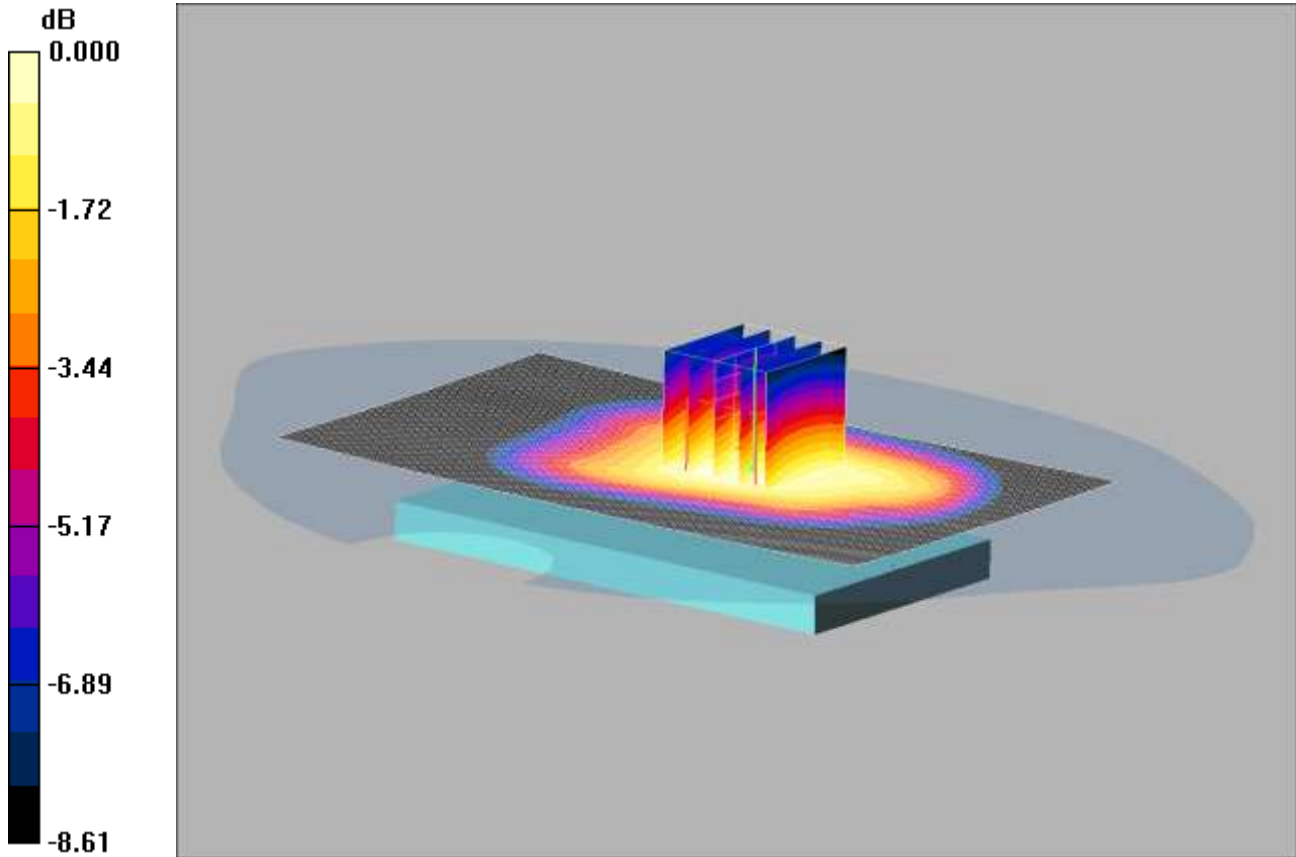
**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.655 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg

SCN/90893JD02/252: Back of EUT Facing Phantom LTE Band 5 10MHz BW 100% RB QPSK CH20600

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.585mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 844$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.28, 6.28, 6.28); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - High/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

**Back of EUT Facing Phantom - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.0 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.681 W/kg

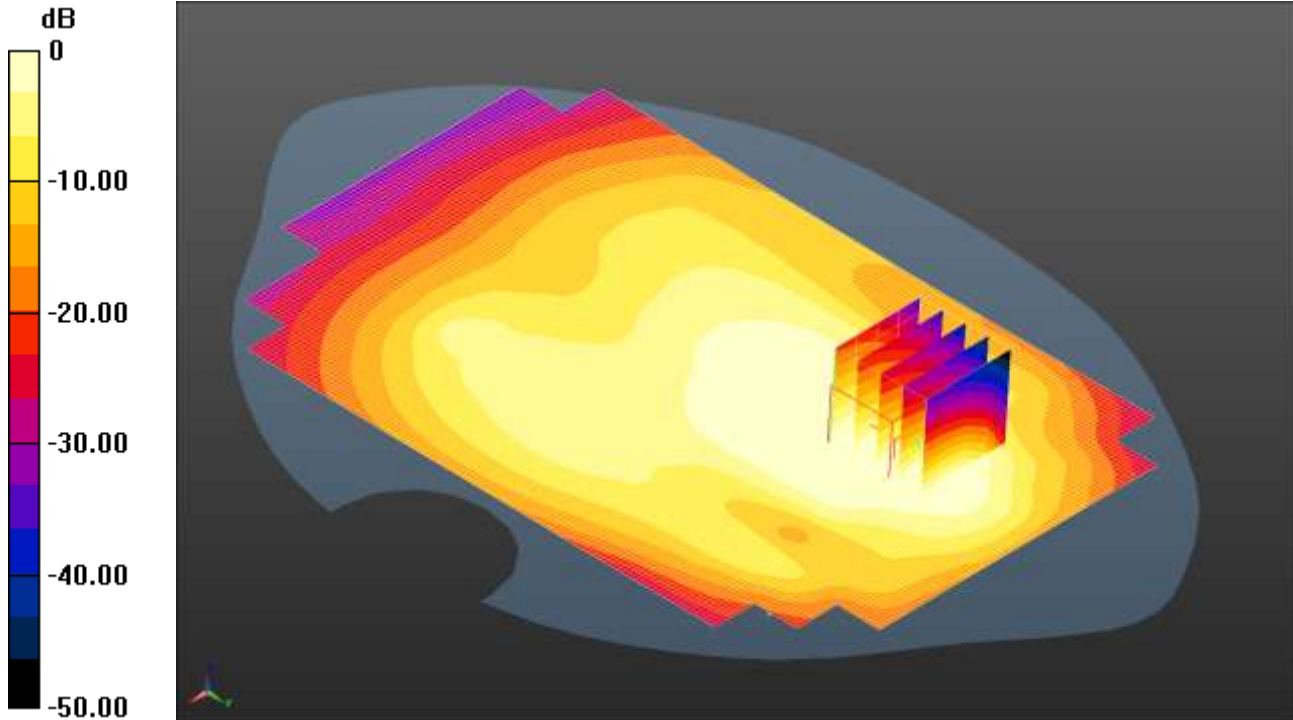
**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.585 mW/g

SCN/90893JD02/253: Back of EUT Facing Phantom with PHF LTE Band 5 10MHz BW 1 RB High End QPSK  
CH20600

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.804 W/kg = -0.95 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 844$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 55.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Back of EUT Facing Phantom With PHF - High/Area Scan (101x151x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.804 W/kg

**Configuration/Back of EUT Facing Phantom With PHF - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement  
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.608 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.04 W/kg

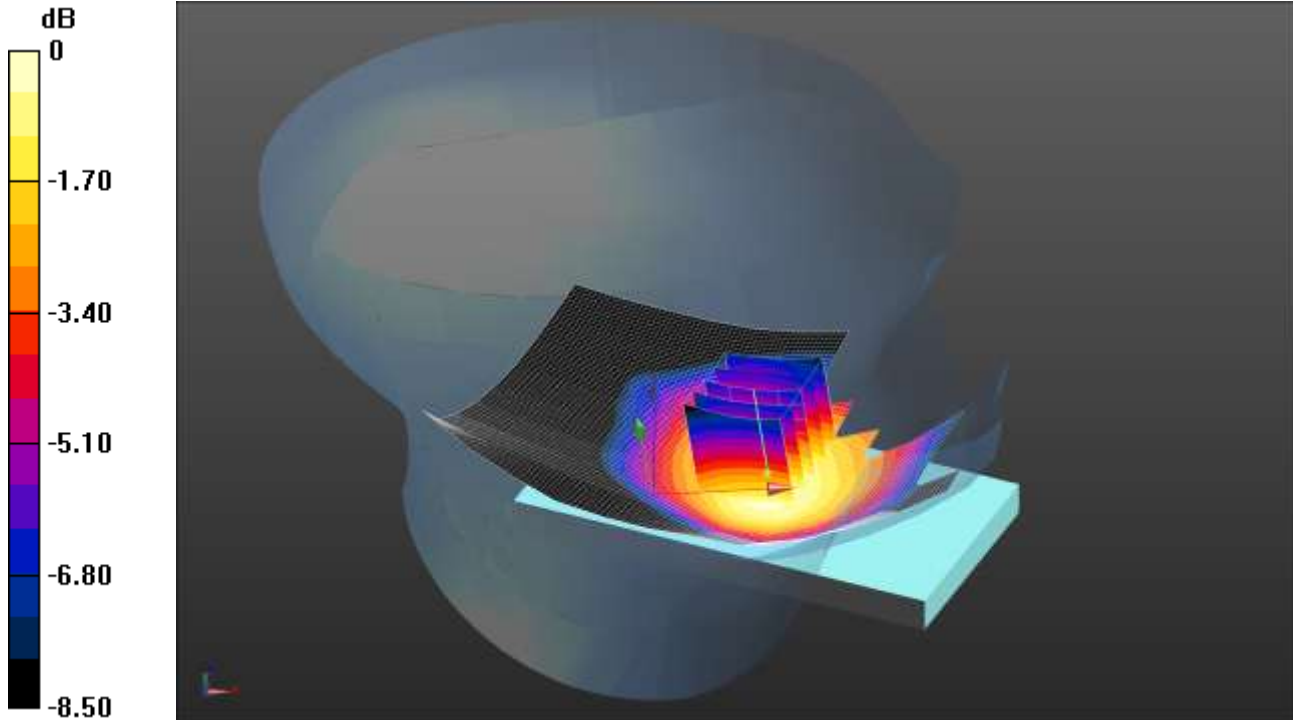
**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.527 W/kg**

Maximum value of SAR (measured) = 0.756 W/kg

SCN/90893JD02/254: Touch Left LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.507 W/kg = -2.95 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD00P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.516 W/kg

**Configuration/Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.693 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.624 W/kg

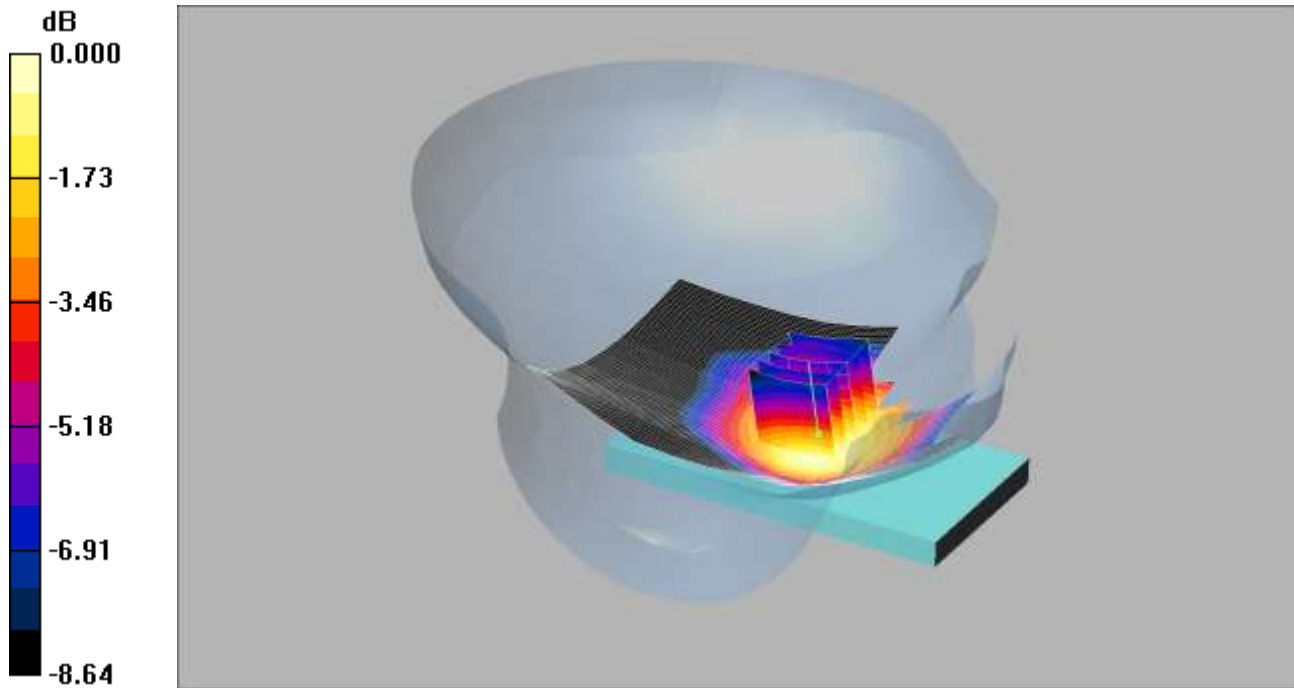
**SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.355 W/kg**

Maximum value of SAR (measured) = 0.507 W/kg

SCN/90893JD02/255: Touch Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.500mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.500 mW/g

**Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.22 V/m; Power Drift = -0.240 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.348 mW/g**

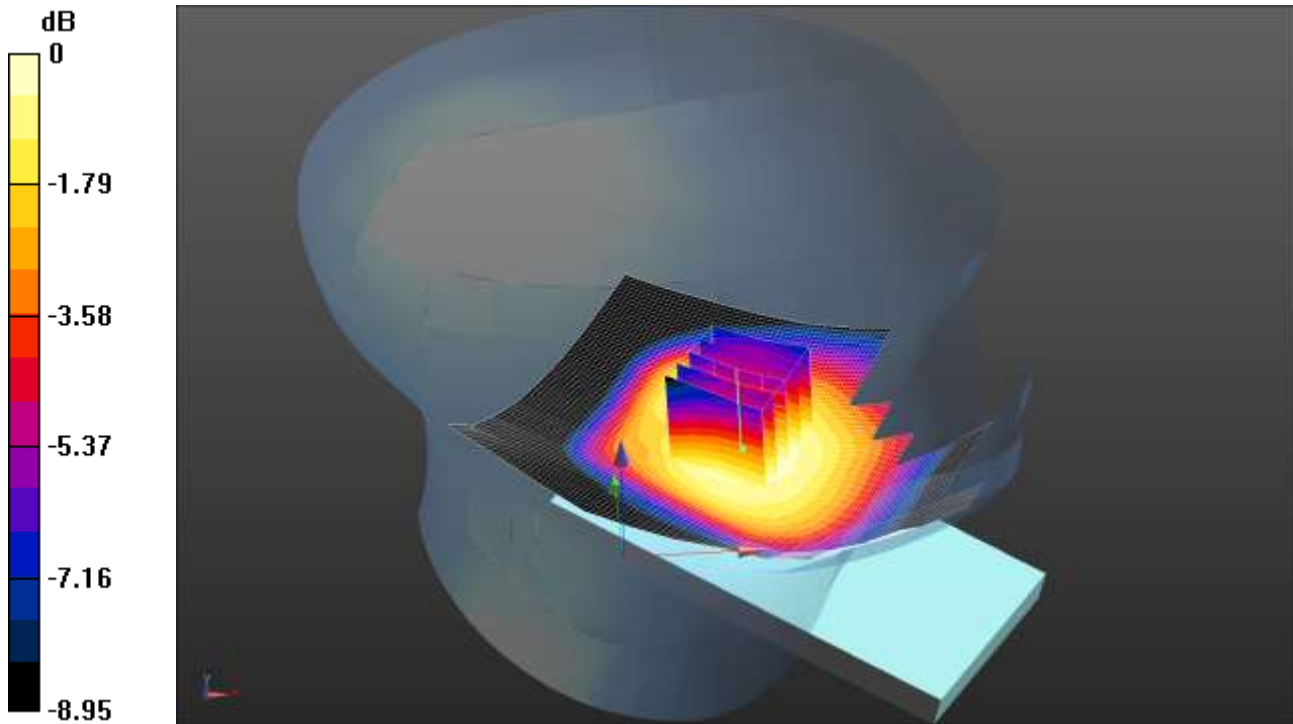
Maximum value of SAR (measured) = 0.500 mW/g



SCN/90893JD02/256: Tilt Left LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.357 W/kg = -4.47 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.351 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.595 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.411 W/kg

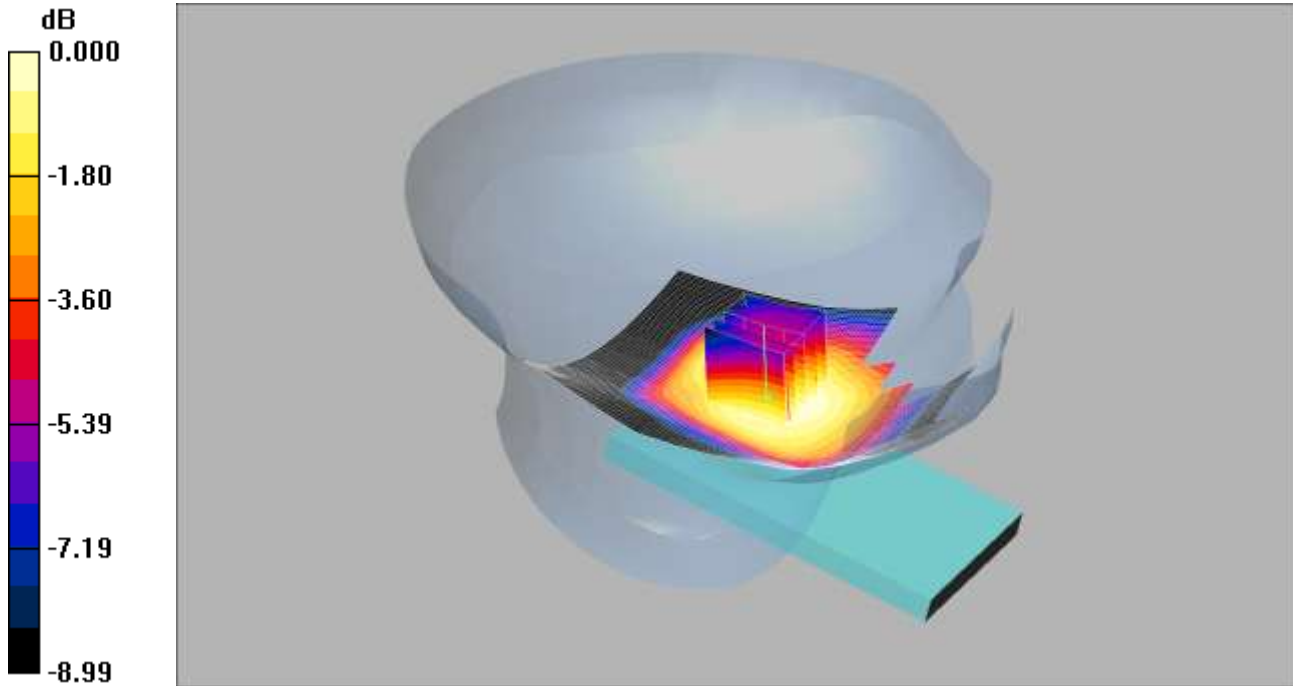
**SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.264 W/kg**

Maximum value of SAR (measured) = 0.357 W/kg

SCN/90893JD02/257: Tilt Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.351mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.362 mW/g

**Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.406 W/kg

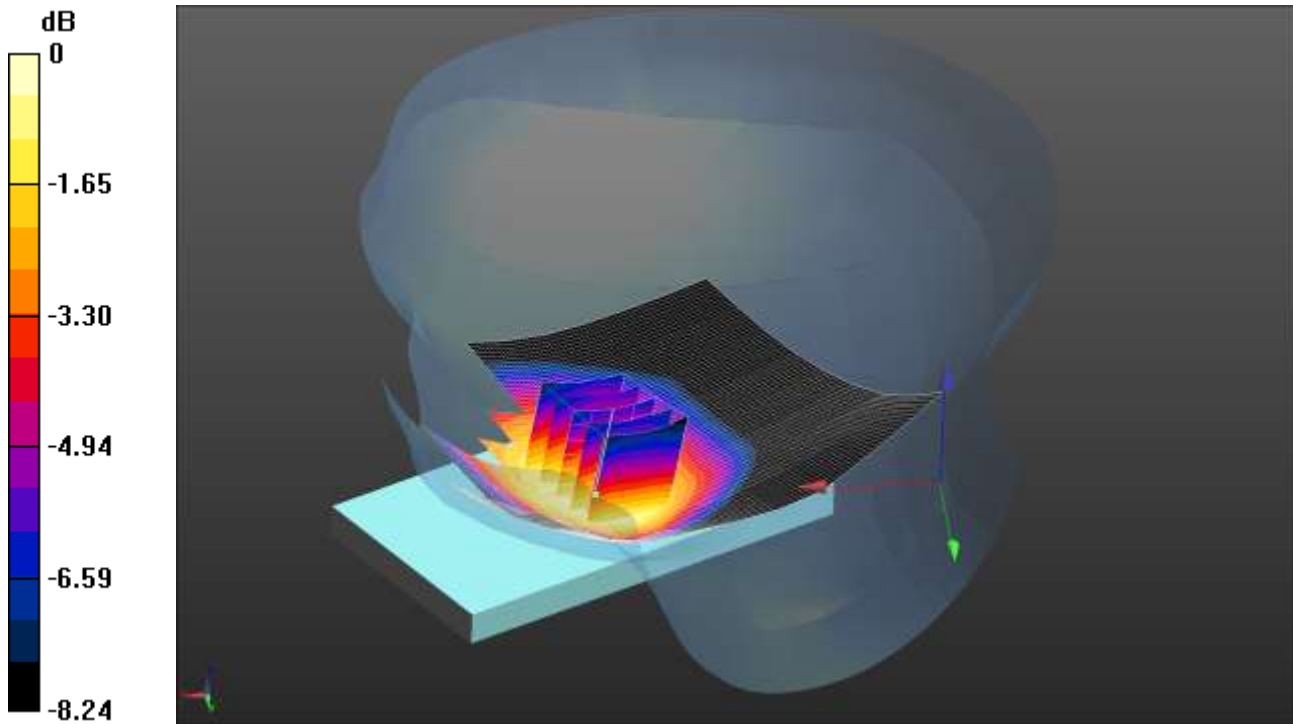
**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.351 mW/g

SCN/90893JD02/258: Touch Right LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.480 W/kg = -3.19 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right- Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

**Configuration/Touch Right- Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.234 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.587 W/kg

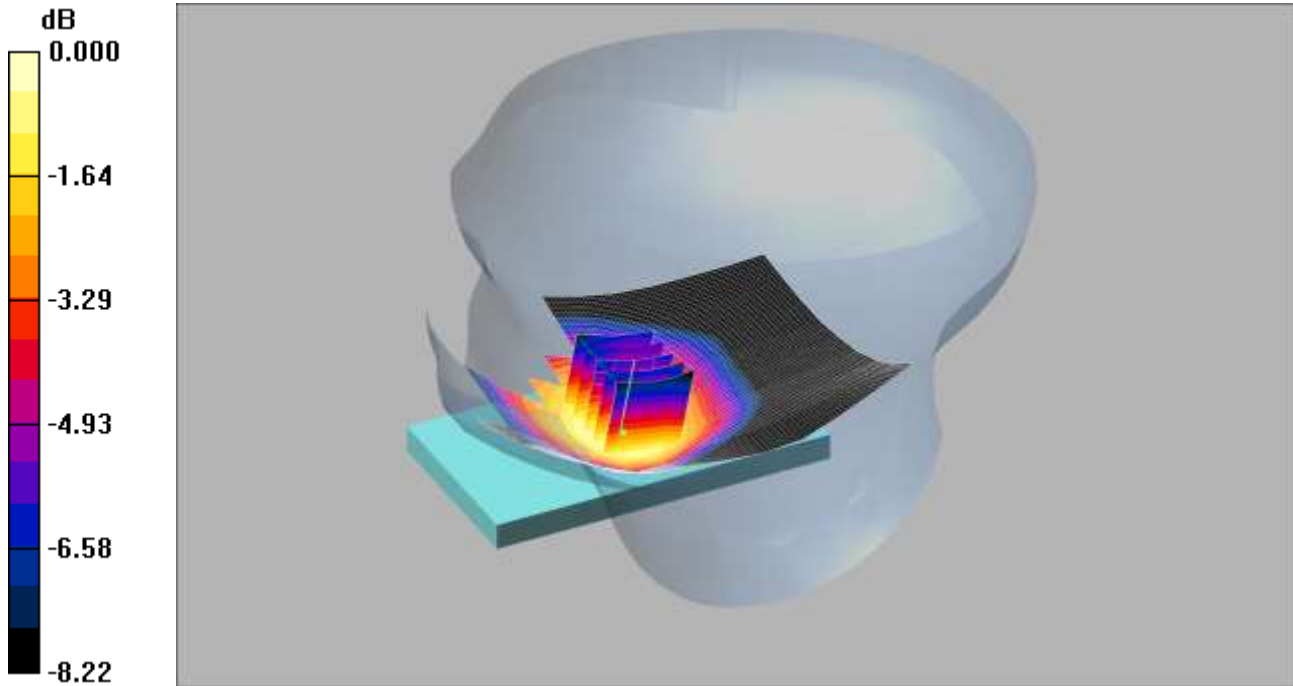
**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 0.480 W/kg

SCN/90893JD02/259: Touch Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.505mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Right- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.496 mW/g

**Touch Right- Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.77 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.623 W/kg

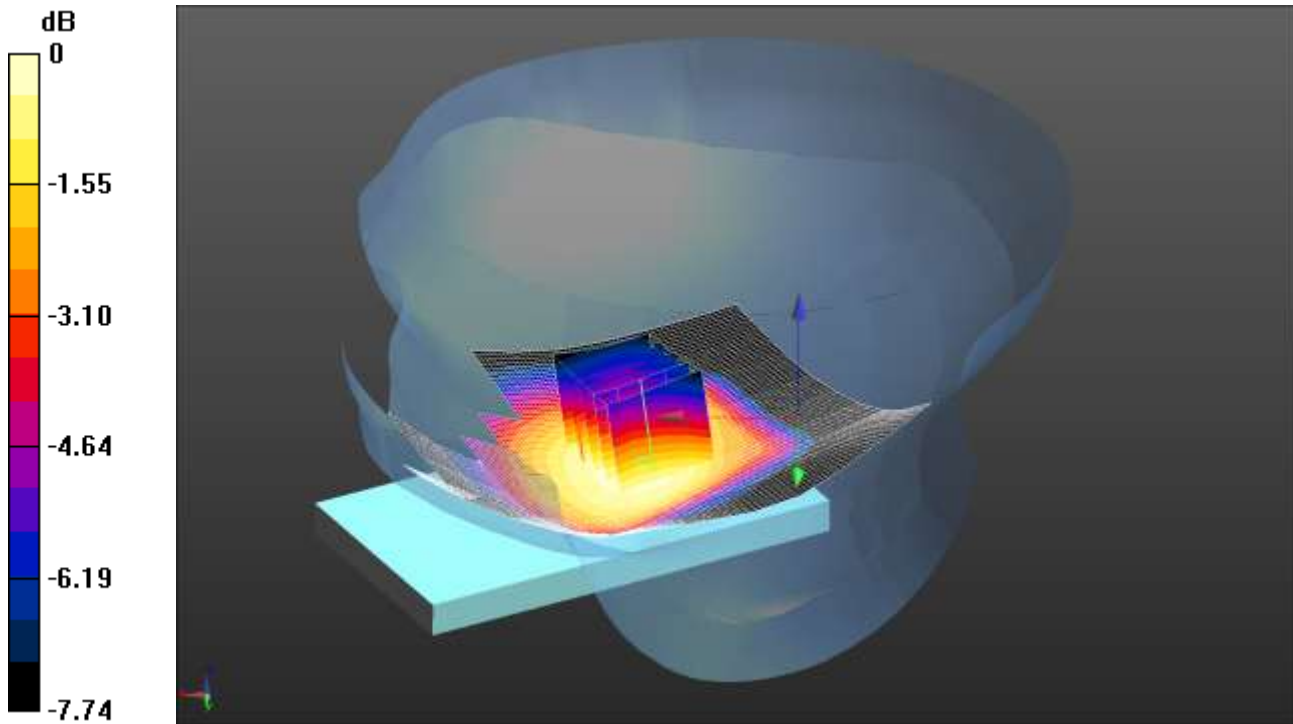
**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 0.505 mW/g

SCN/90893JD02/260: Tilt Right LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.291 W/kg = -5.36 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right- Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

**Configuration/Tilt Right- Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.367 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.333 W/kg

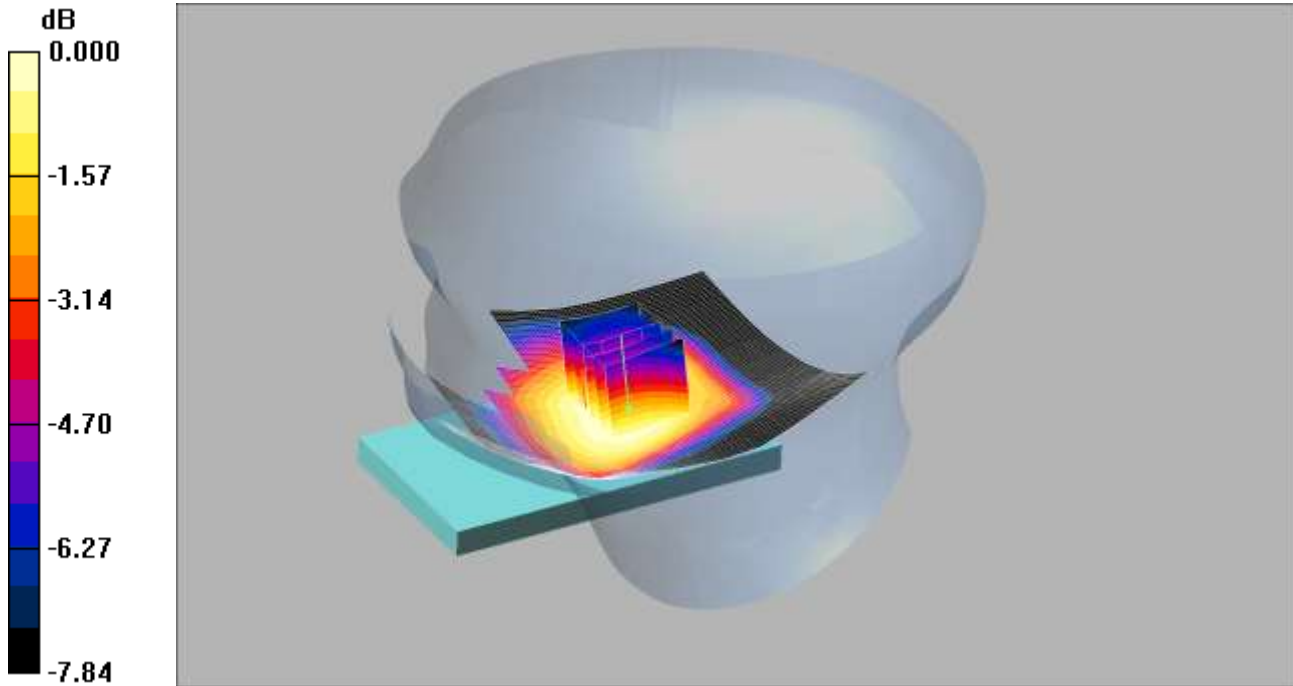
**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.291 W/kg

SCN/90893JD02/261: Tilt Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.279mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Right- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 mW/g

**Tilt Right- Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.208 mW/g**

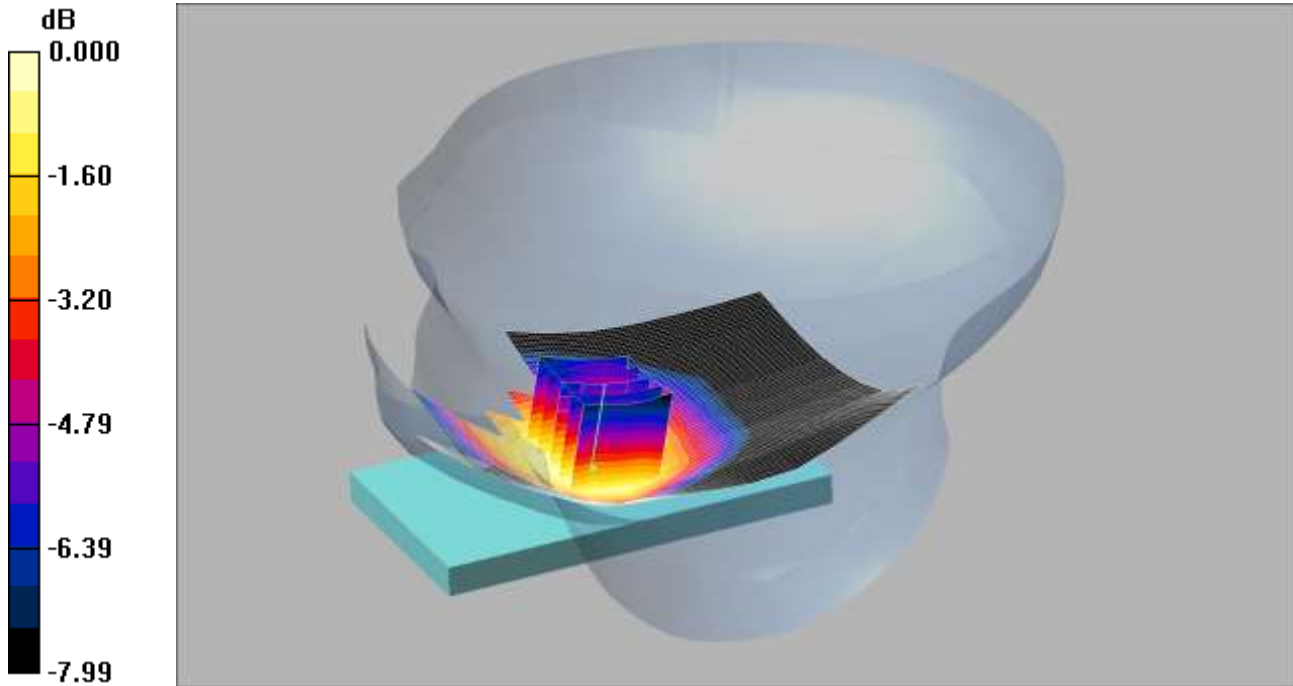
Maximum value of SAR (measured) = 0.279 mW/g

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 SCN/90893JD02/262: Touch Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20407

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.388mW/g

Communication System; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Right- Low/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.384 mW/g

**Touch Right- Low/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.83 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.462 W/kg

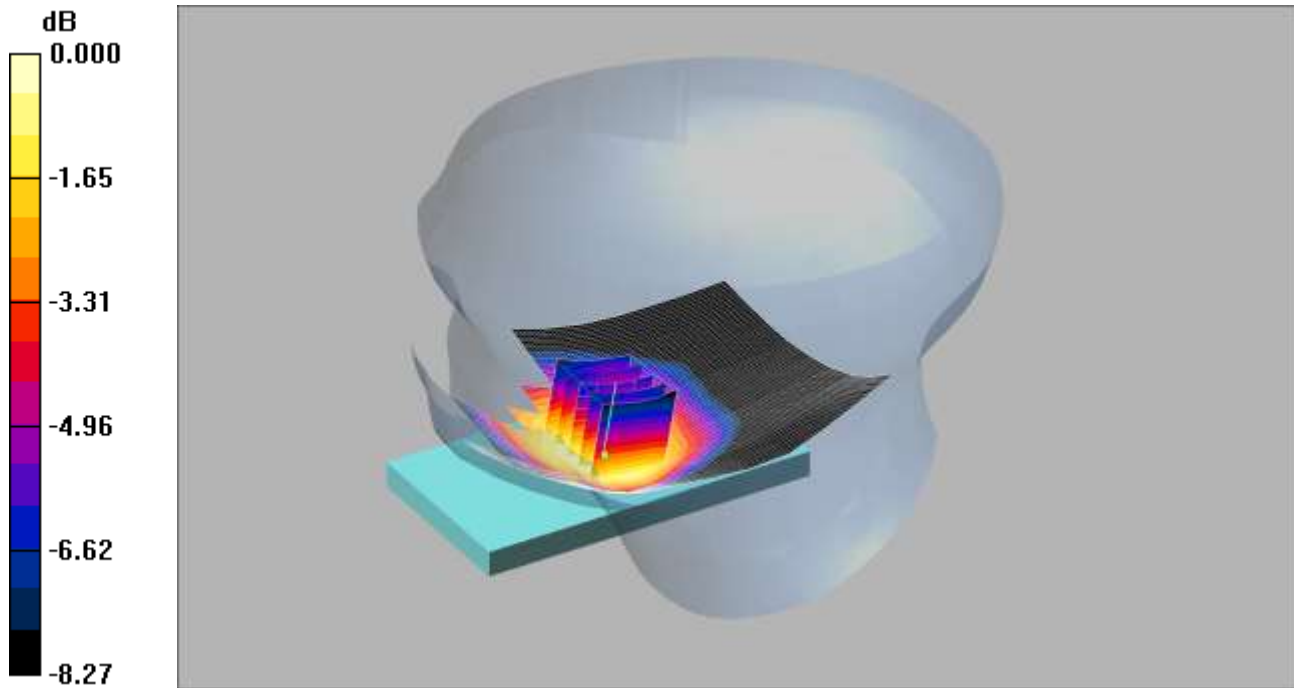
**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.283 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g

SCN/90893JD02/263: Touch Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20643

Date: 03/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.508mW/g

Communication System; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Right- High/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.497 mW/g

**Touch Right- High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.28 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.621 W/kg

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.367 mW/g**

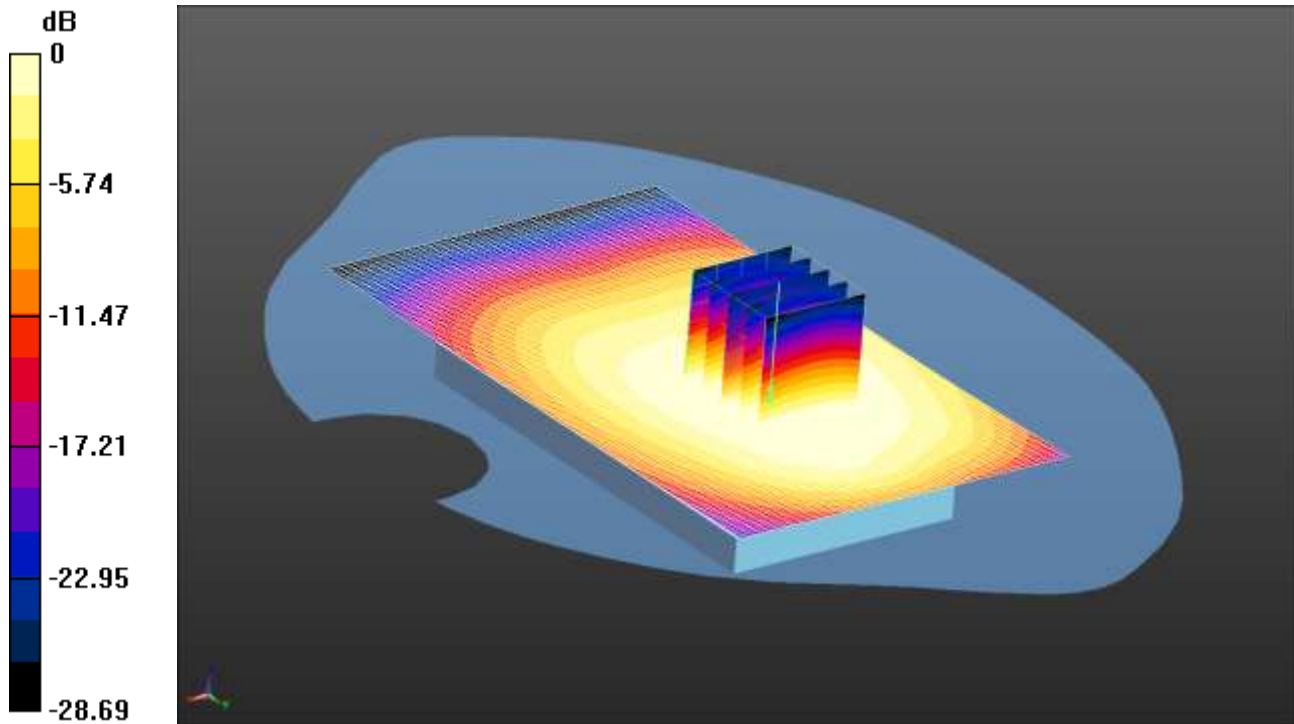
Maximum value of SAR (measured) = 0.508 mW/g



SCN/90893JD02/264: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Middle

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.577 W/kg = -2.39 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Front of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

Maximum value of Total (interpolated) = 25.55 V/m

**Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.087 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.433 W/kg**

Maximum value of SAR (measured) = 0.575 W/kg

**Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan 2 (21x21x36)/Cube 0:** Interpolated grid:

dx=1.600 mm, dy=1.600 mm, dz=1.000 mm

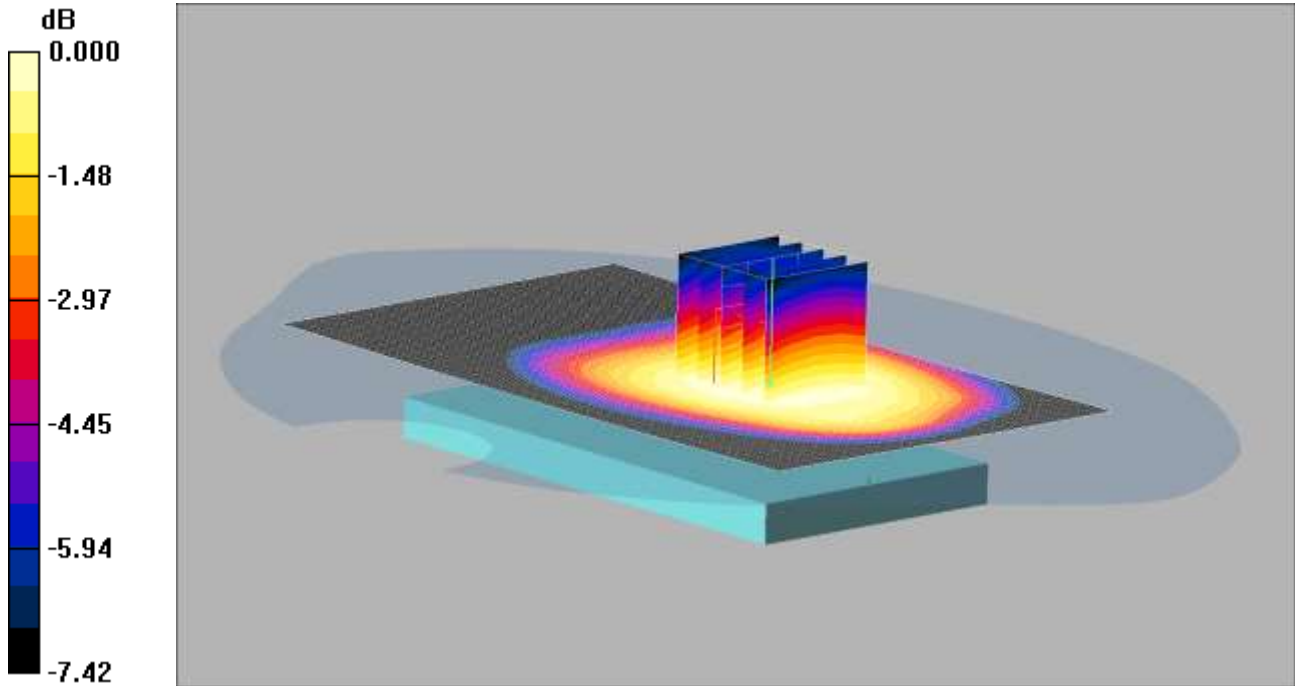
Reference Value = 24.087 V/m; Power Drift = -0.04 dB

Maximum value of SAR (interpolated) = 0.658 W/kg

SCN/90893JD02/265: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.568mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.568 mW/g

**Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.650 W/kg

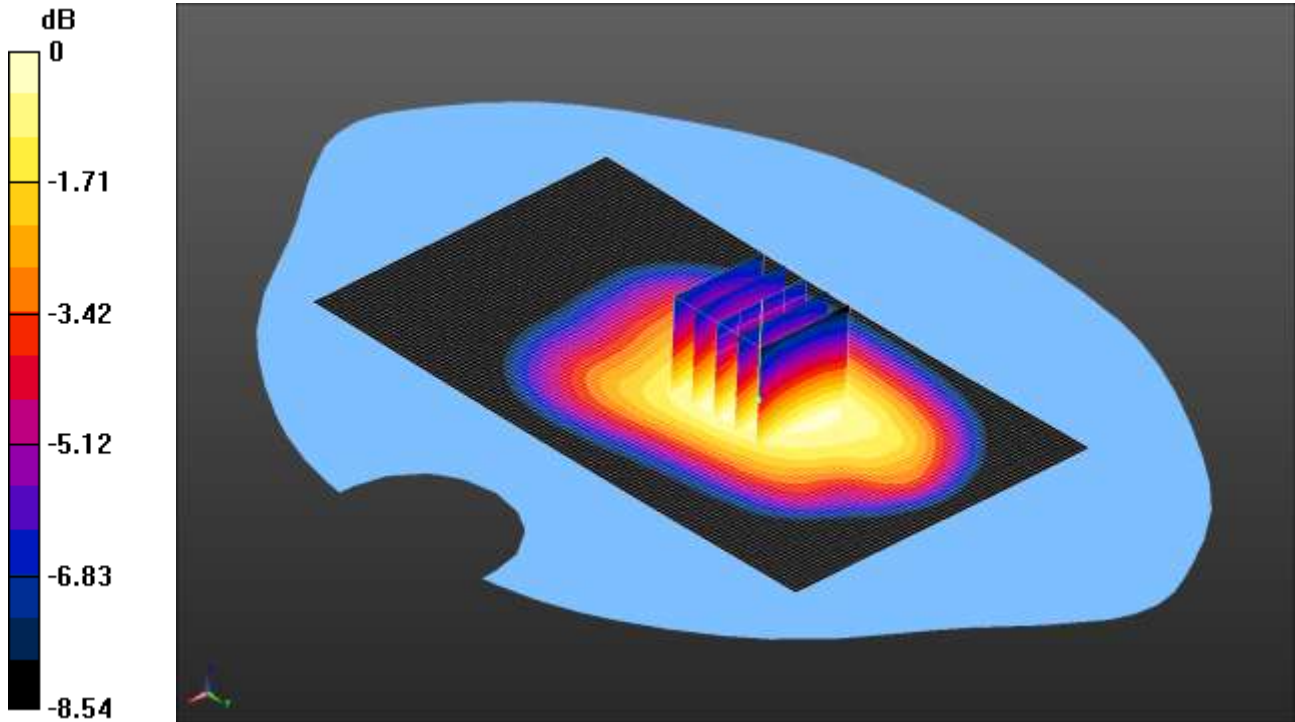
**SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.568 mW/g

SCN/90893JD02/266: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.828 W/kg = -0.82 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.831 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.700 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.950 W/kg

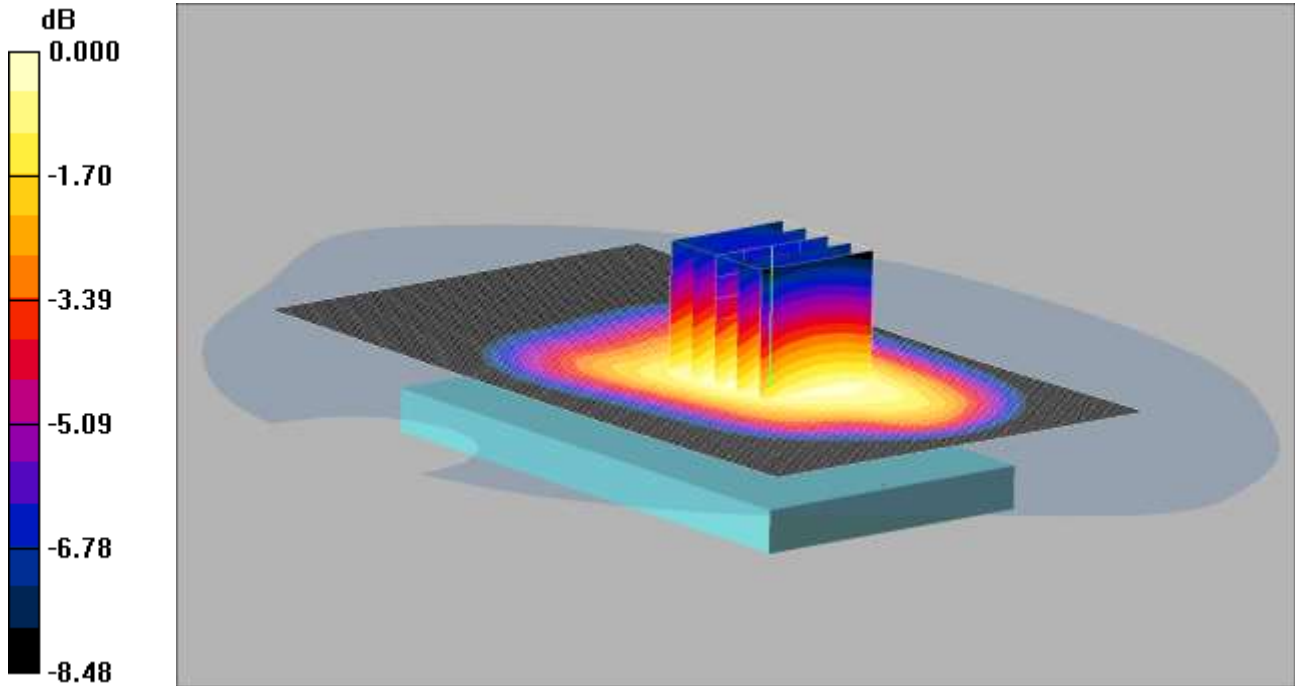
**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.597 W/kg**

Maximum value of SAR (measured) = 0.828 W/kg

SCN/90893JD02/267: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.838mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.828 mW/g

**Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.963 W/kg

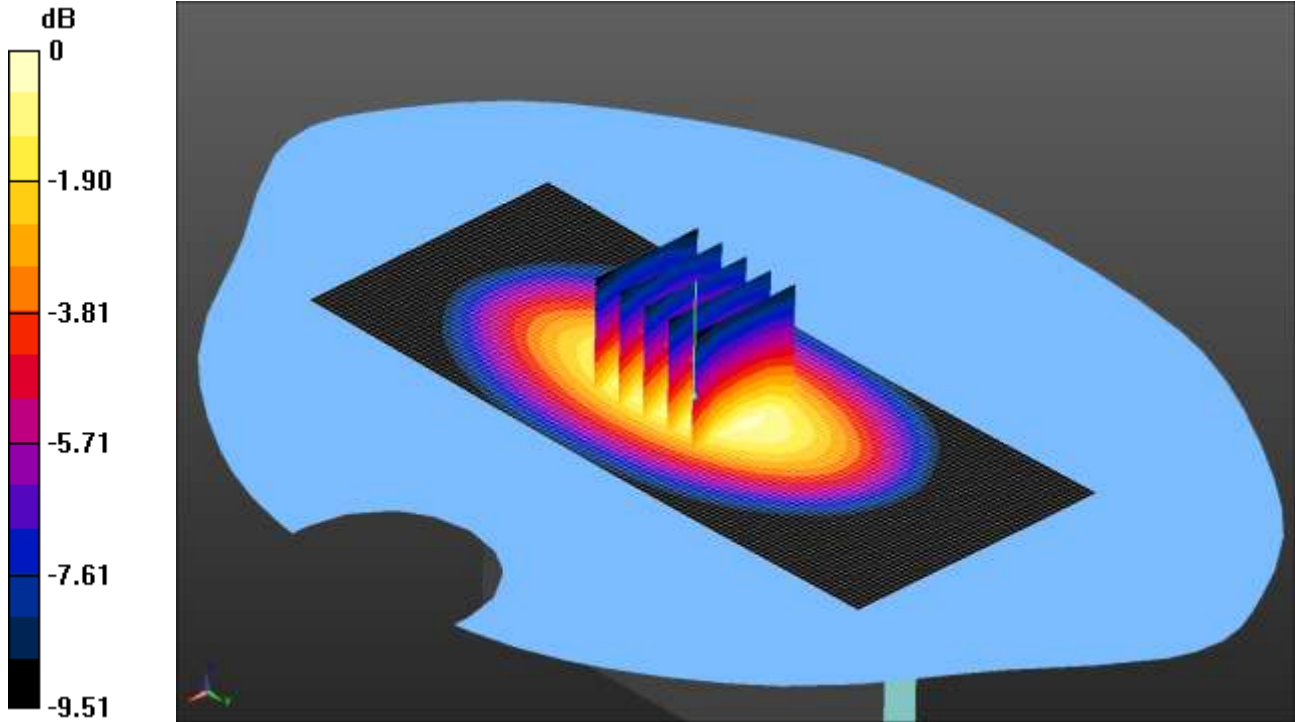
**SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.604 mW/g**

Maximum value of SAR (measured) = 0.838 mW/g

SCN/90893JD02/268: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Middle QPSK  
CH20525

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.573 W/kg = -2.42 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.573 W/kg

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.724 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.740 W/kg

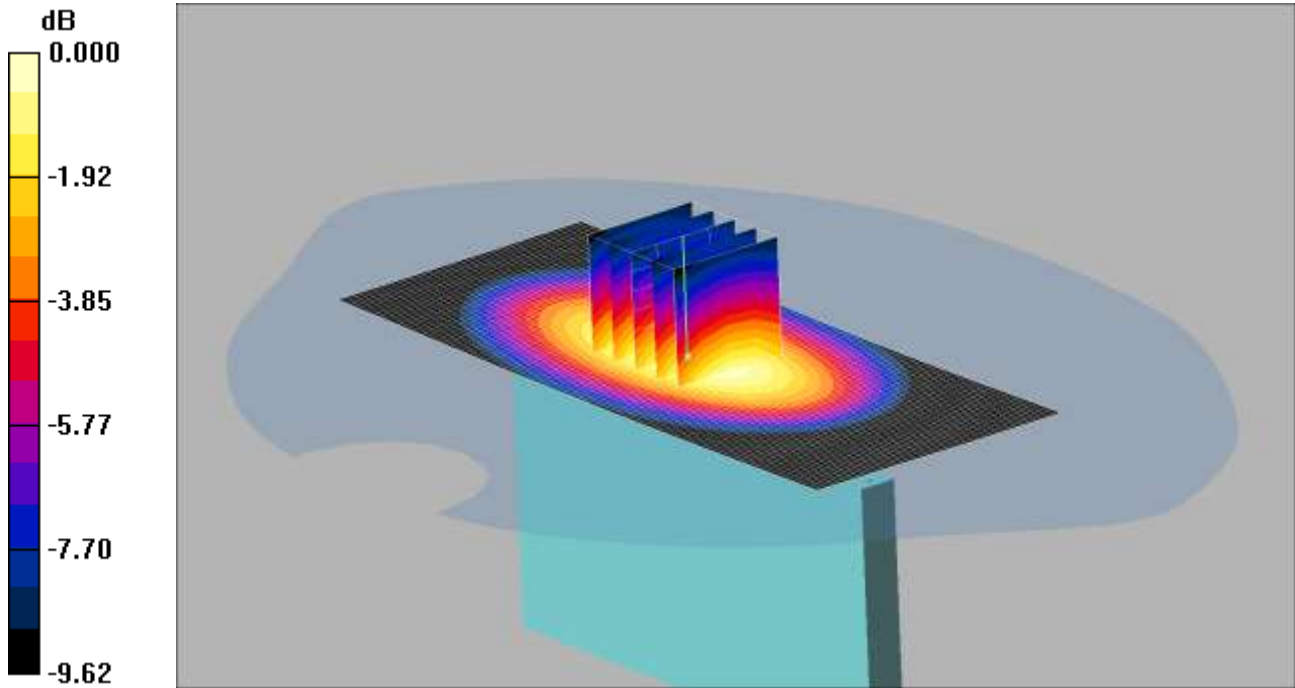
**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.371 W/kg**

Maximum value of SAR (measured) = 0.578 W/kg

SCN/90893JD02/269: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.596mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.598 mW/g

**Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.760 W/kg

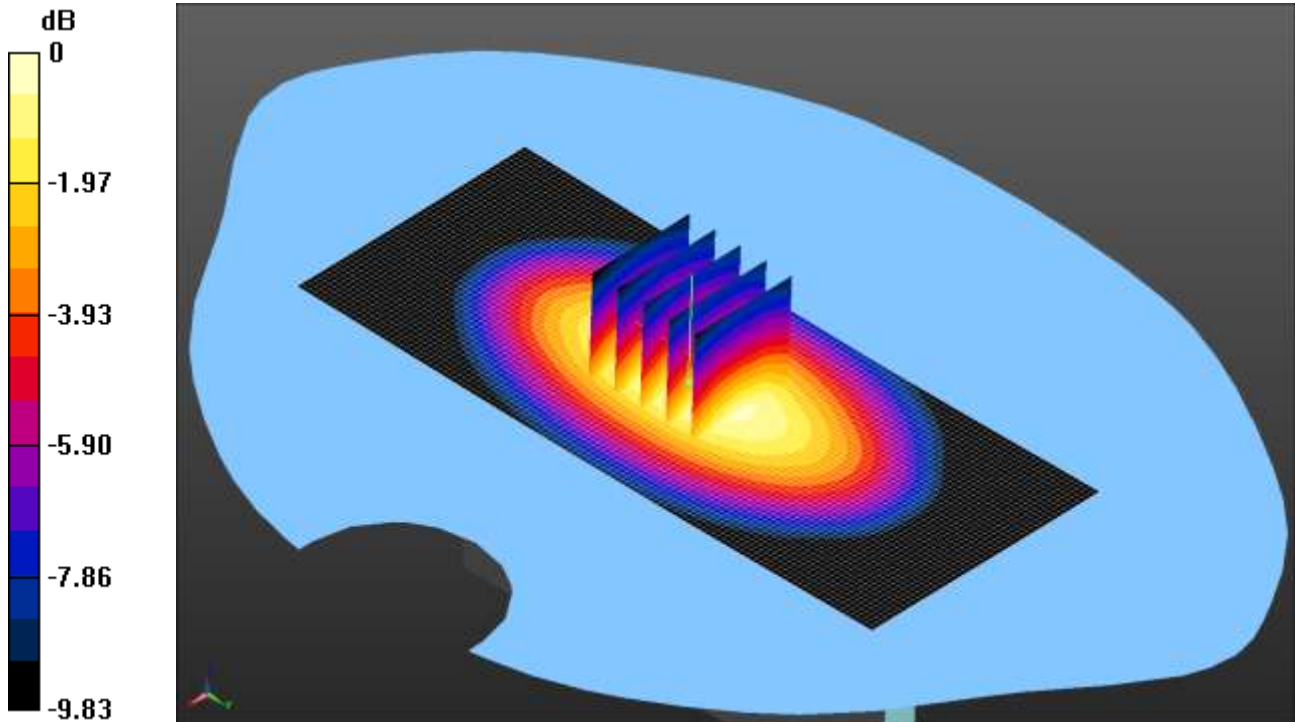
**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.596 mW/g

SCN/90893JD02/270: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Middle QPSK  
CH20525

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.583 W/kg = -2.34 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Interpolated grid:  
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.568 W/kg

**Configuration/Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.366 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.751 W/kg

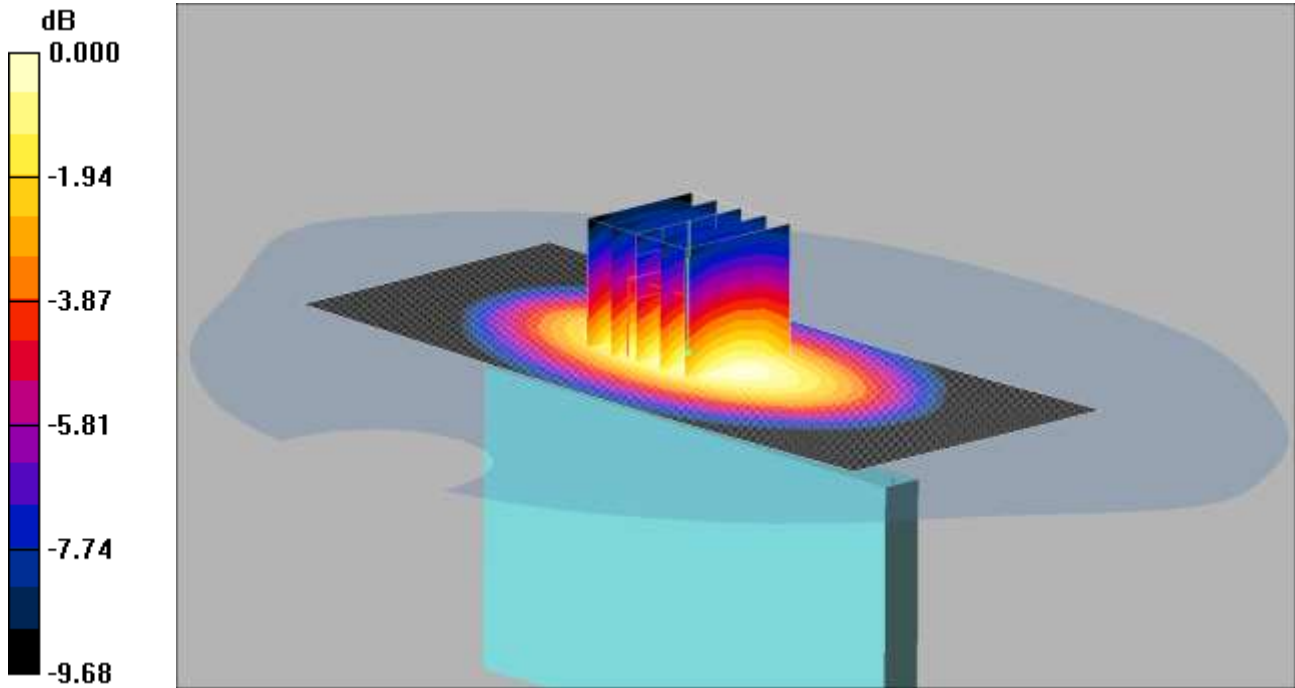
**SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.368 W/kg**

Maximum value of SAR (measured) = 0.583 W/kg

SCN/90893JD02/271: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.561mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.578 mW/g

**Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.363 mW/g**

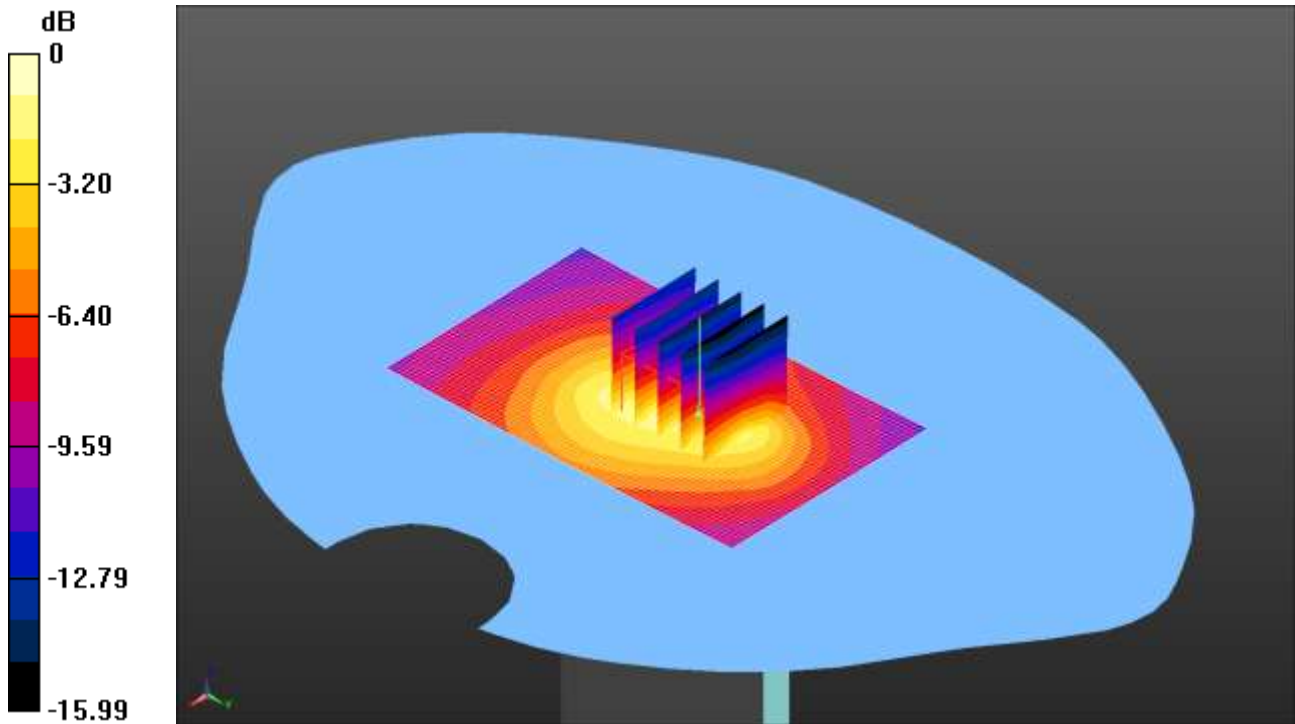
Maximum value of SAR (measured) = 0.561 mW/g



SCN/90893JD02/272: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1 RB Middle QPSK CH20525

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.156 W/kg = -8.07 dBW/kg

Communication System: LTE Band - 1.4 MHz Channel BW; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

**Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.941 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.360 W/kg

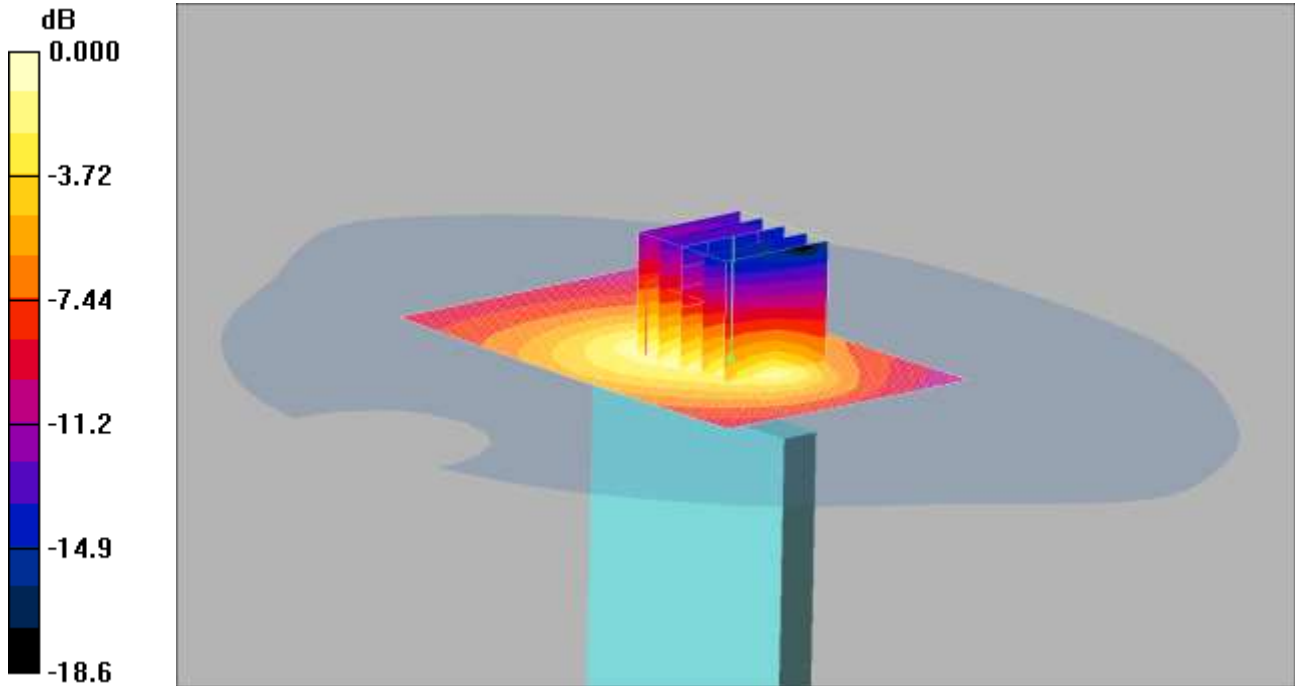
**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.156 W/kg

SCN/90893JD02/273: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.151mW/g

Communication System; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 mW/g

**Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.340 W/kg

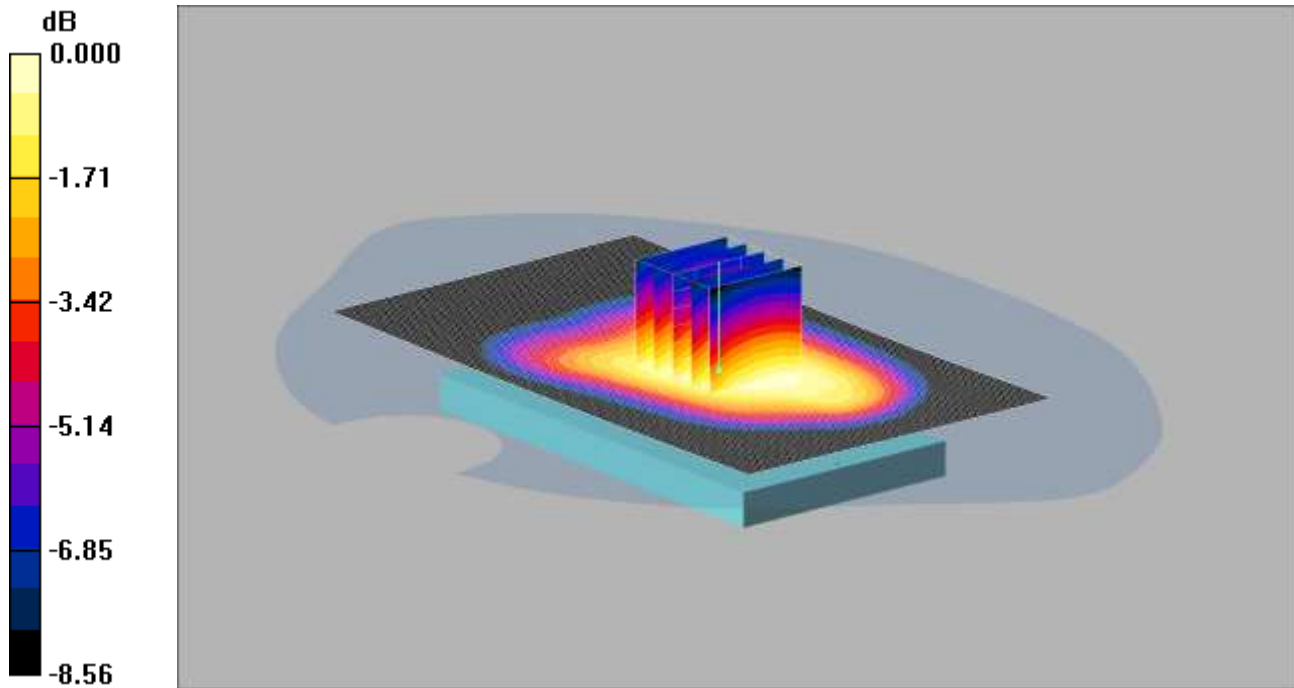
**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.151 mW/g

SCN/90893JD02/274: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20407

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.766mW/g

Communication System; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - Low/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.773 mW/g

**Back of EUT Facing Phantom - Low/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.885 W/kg

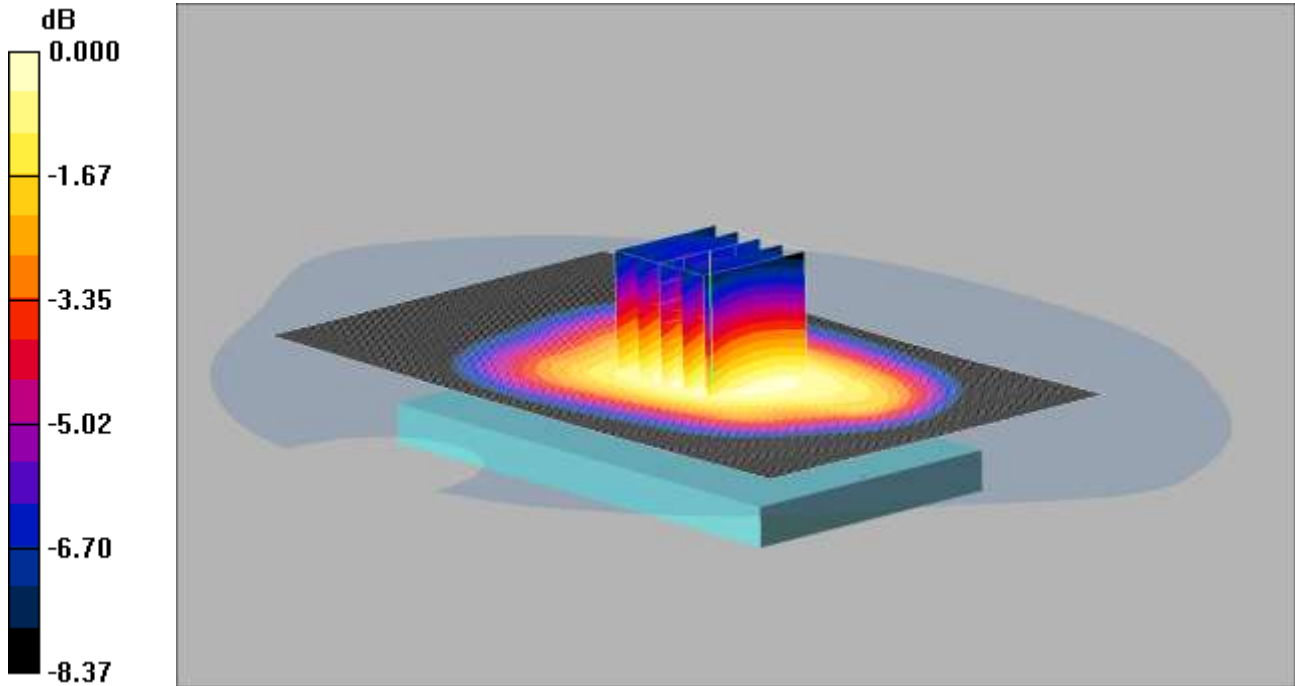
**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.554 mW/g**

Maximum value of SAR (measured) = 0.766 mW/g

SCN/90893JD02/275: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20643

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.864mW/g

Communication System; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - High/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.862 mW/g

**Back of EUT Facing Phantom - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.996 W/kg

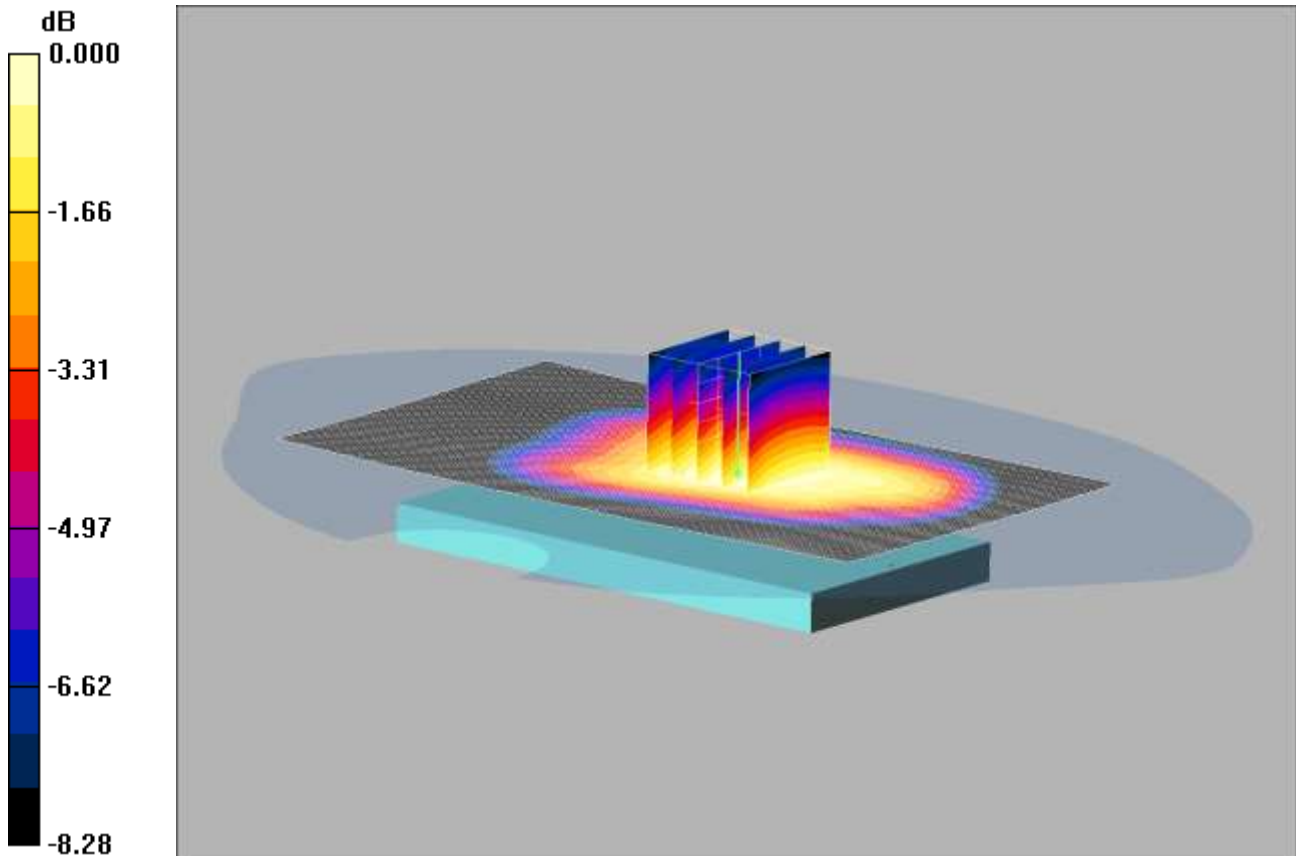
**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.624 mW/g**

Maximum value of SAR (measured) = 0.864 mW/g

SCN/90893JD02/276: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 100% RB QPSK CH20643

Date: 08/02/2013

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.634mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.3$  MHz;  $\sigma = 1.02$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.28, 6.28, 6.28); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - High/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.634 mW/g

**Back of EUT Facing Phantom - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.0 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.734 W/kg

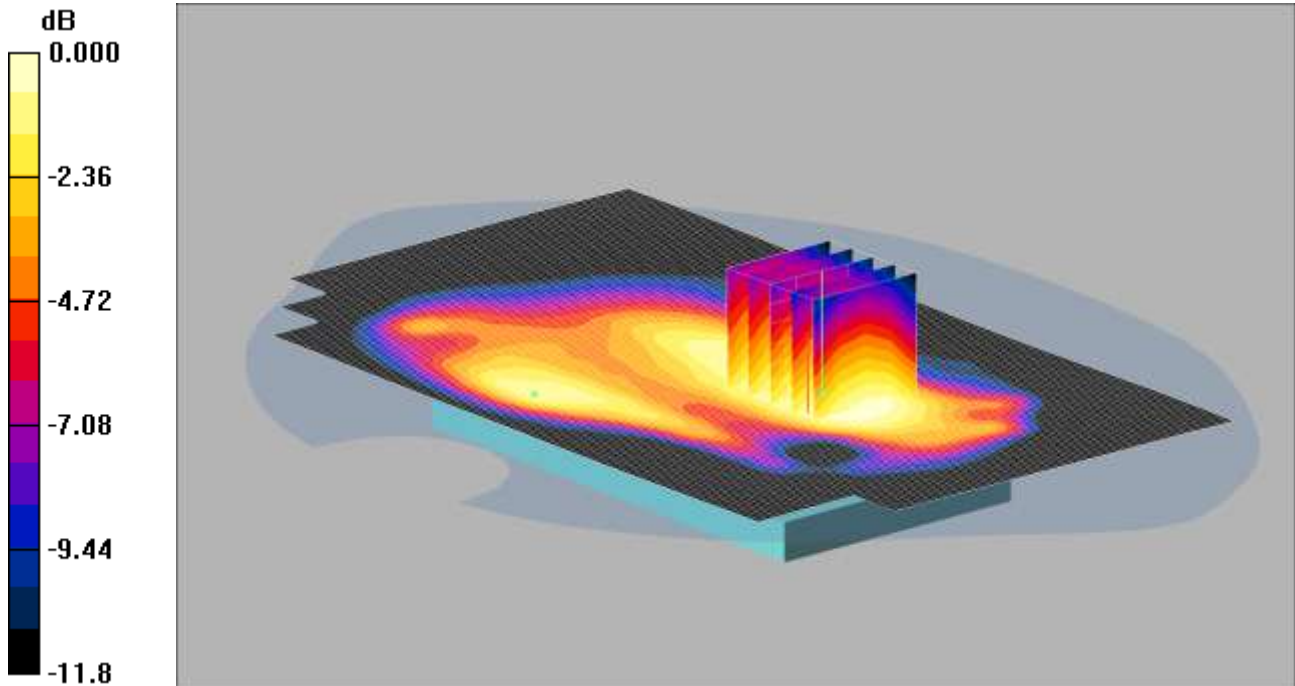
**SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 0.634 mW/g

SCN/90893JD02/277: Back of EUT Facing Phantom With PHF LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20643

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.688mW/g

Communication System; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated):  $f = 848.3 \text{ MHz}$ ;  $\sigma = 0.976 \text{ mho/m}$ ;  $\epsilon_r = 55.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom - High/Area Scan (91x151x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.713 mW/g

**Back of EUT Facing Phantom - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 25.4 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.800 W/kg

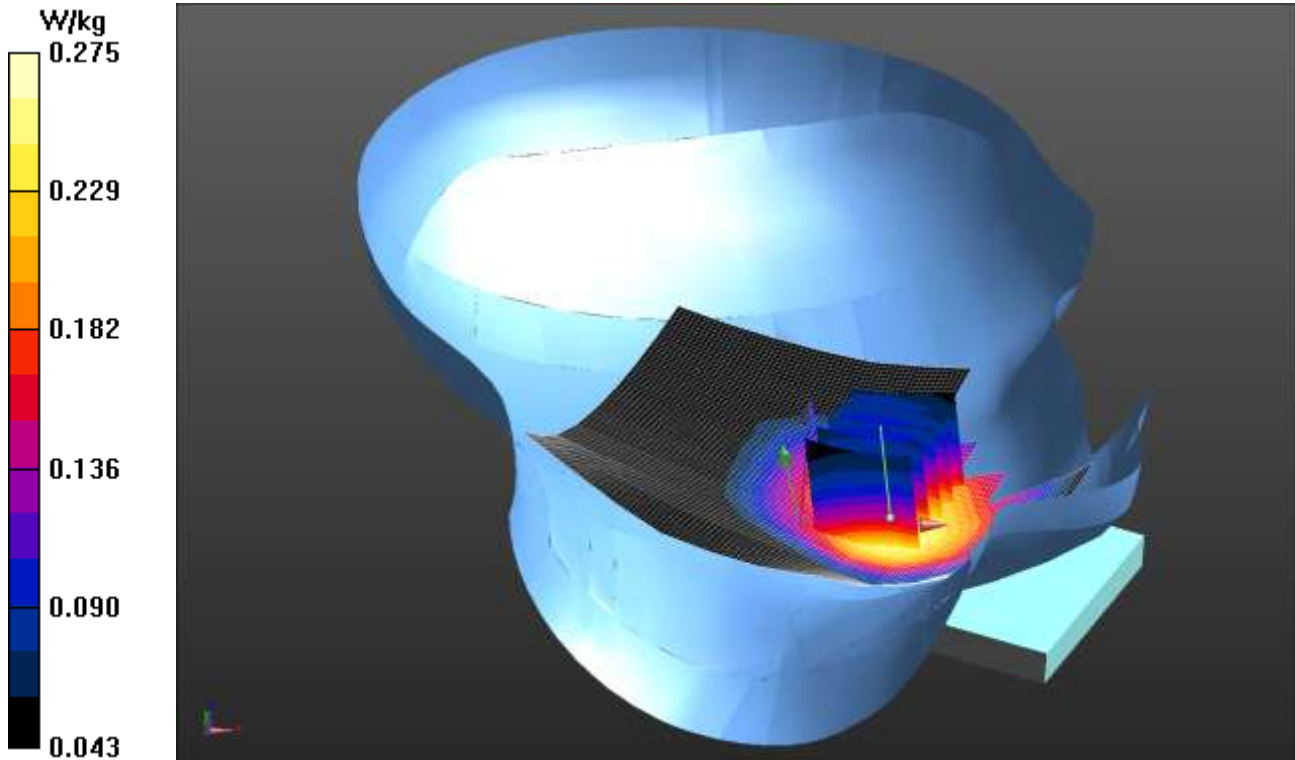
**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.481 mW/g**

Maximum value of SAR (measured) = 0.688 mW/g

SCN/90893JD02/278: Touch Left LTE Band 17 10MHz BW 1 RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

**Configuration/Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.598 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.314 W/kg

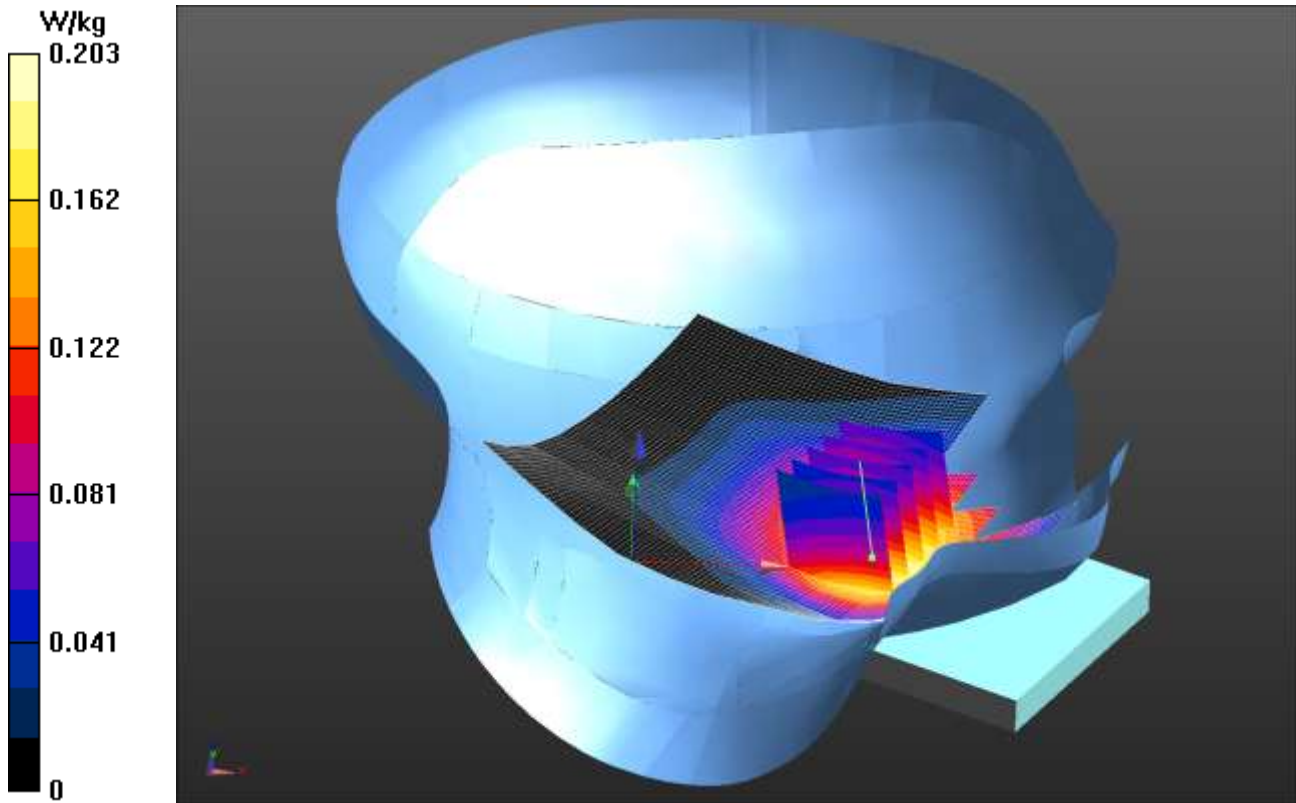
**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg

SCN/90893JD02/279: Touch Left LTE Band 17 10MHz BW 50% RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.203 W/kg

**Configuration/Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.822 V/m; Power Drift = -0.41 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.151 W/kg**

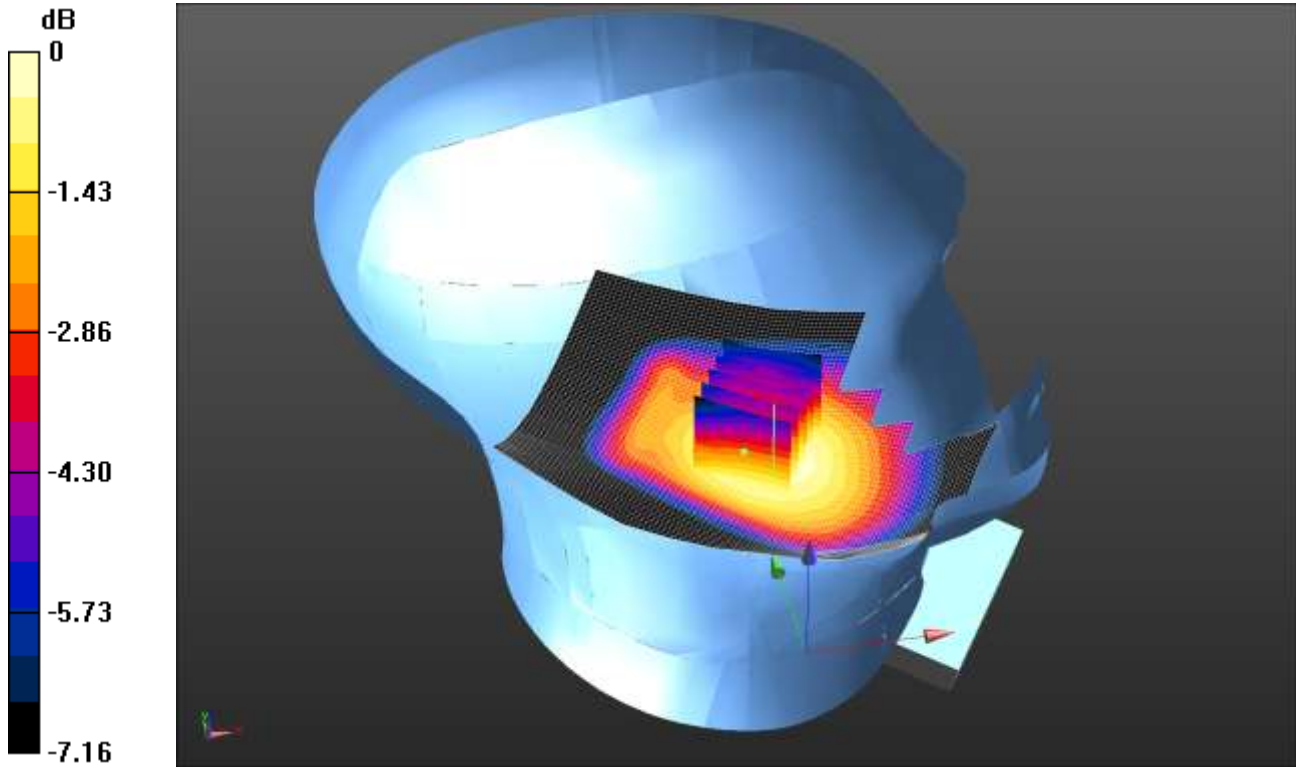
Maximum value of SAR (measured) = 0.204 W/kg



SCN/90893JD02/280: Tilt Left LTE Band 17 10MHz BW 1 RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.147 W/kg = -8.33 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan 2 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.417 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.168 W/kg

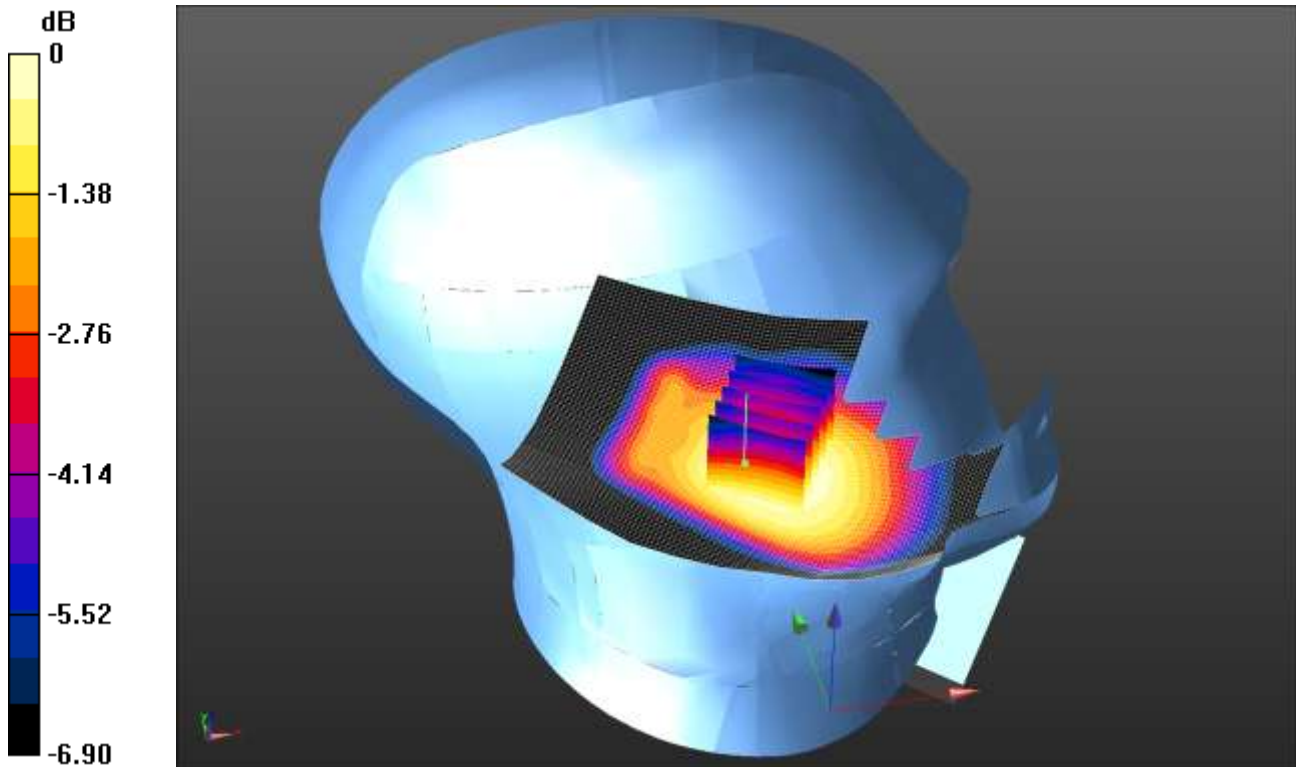
**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.147 W/kg

SCN/90893JD02/281: Tilt Left LTE Band 17 10MHz BW 50% RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.108 W/kg = -9.67 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Left - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.029 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.119 W/kg

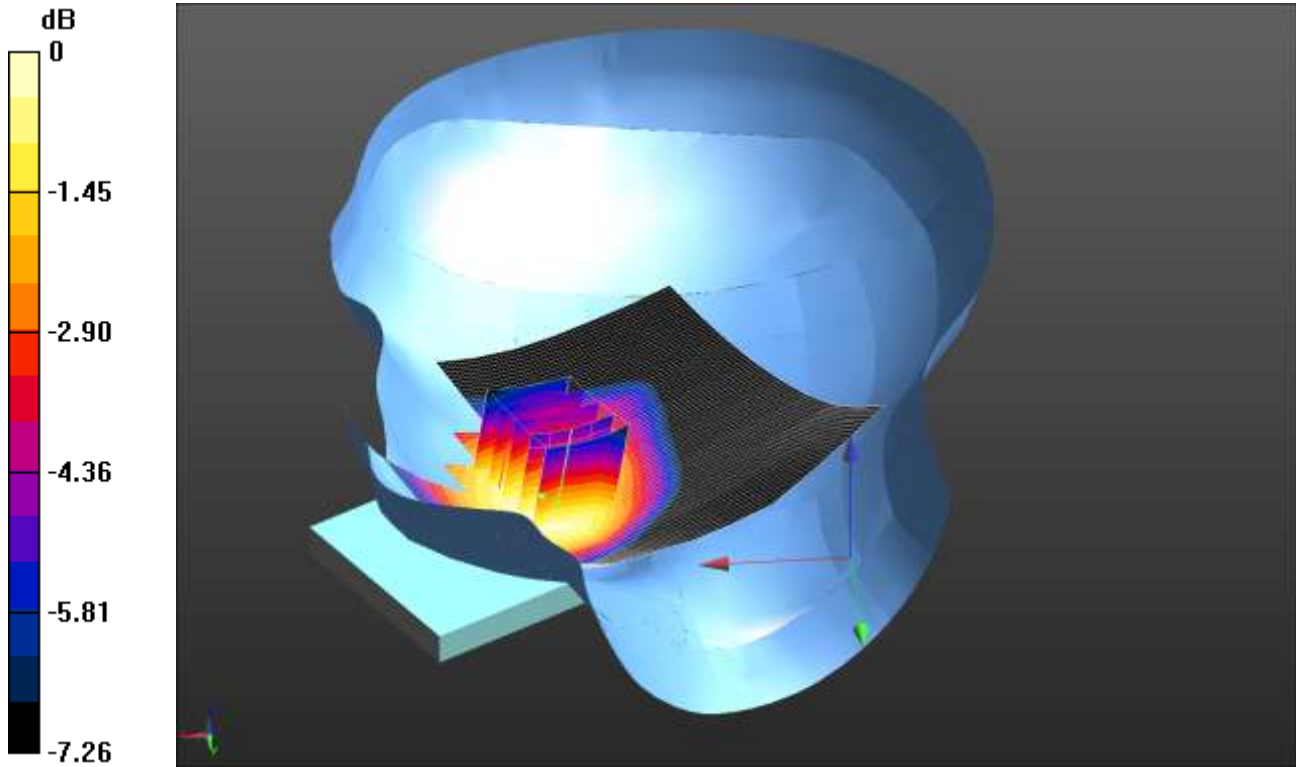
**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.108 W/kg

SCN/90893JD02/282: Touch Right LTE Band 17 10MHz BW 1 RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.248 W/kg = -6.06 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

**Configuration/Touch Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.230 V/m; Power Drift = 0.27 dB

Peak SAR (extrapolated) = 0.280 W/kg

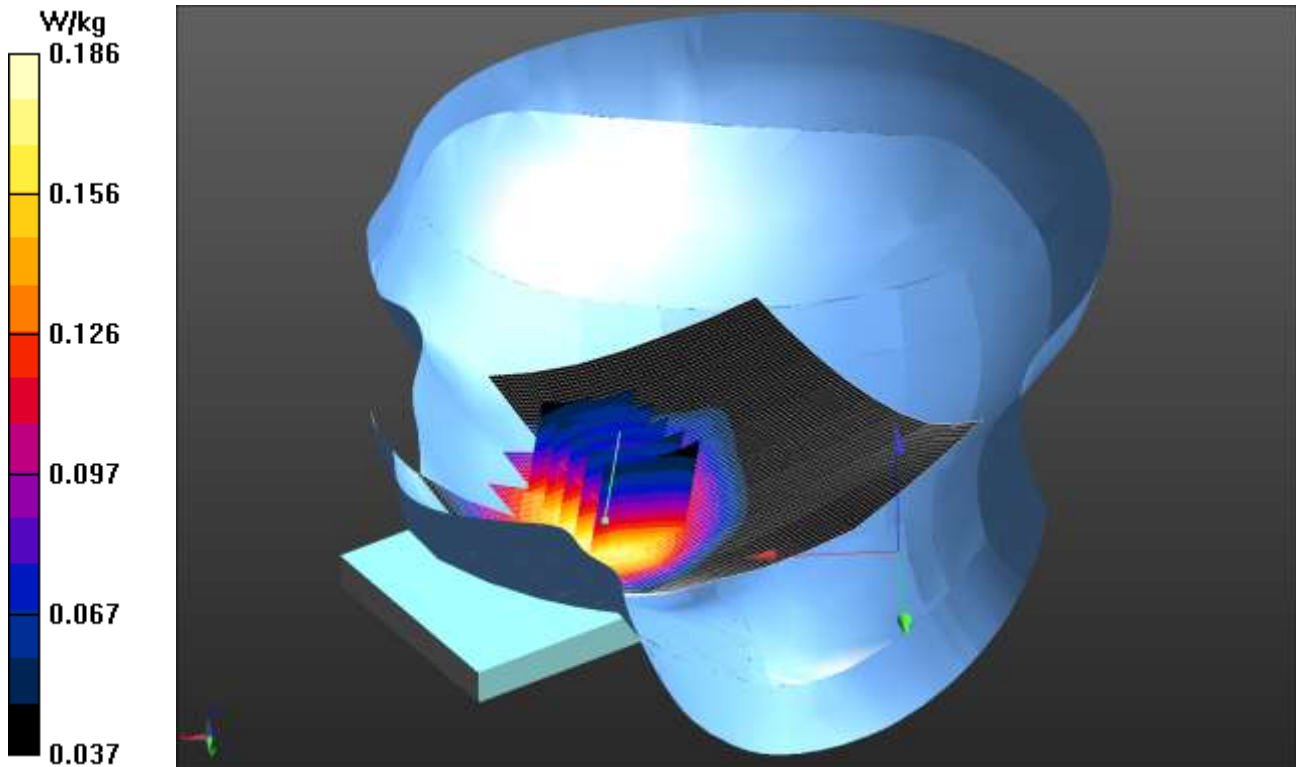
**SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg

SCN/90893JD02/283: Touch Right LTE Band 17 10MHz BW 50% RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

**Configuration/Touch Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.561 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.208 W/kg

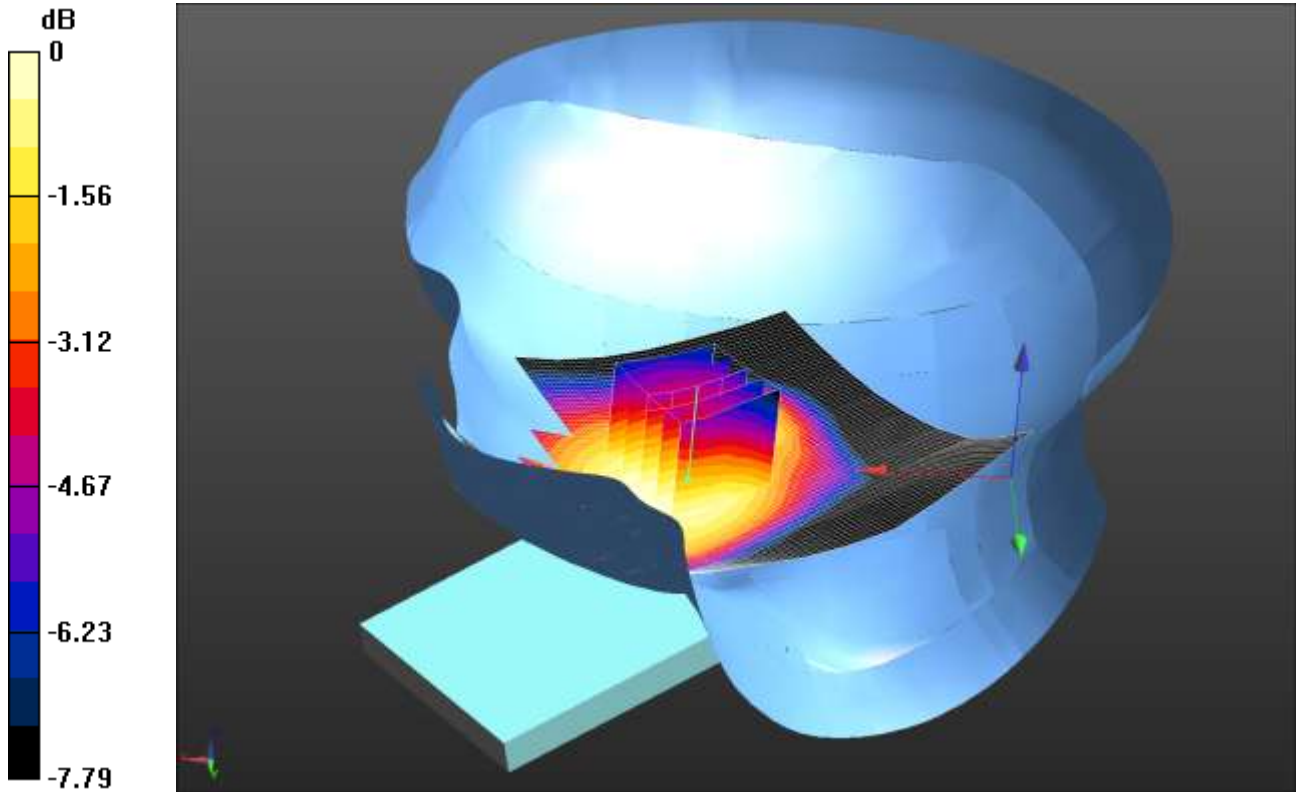
**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.186 W/kg

SCN/90893JD02/284: Tilt Right LTE Band 17 10MHz BW 1 RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.151 W/kg = -8.21 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

**Configuration/Tilt Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

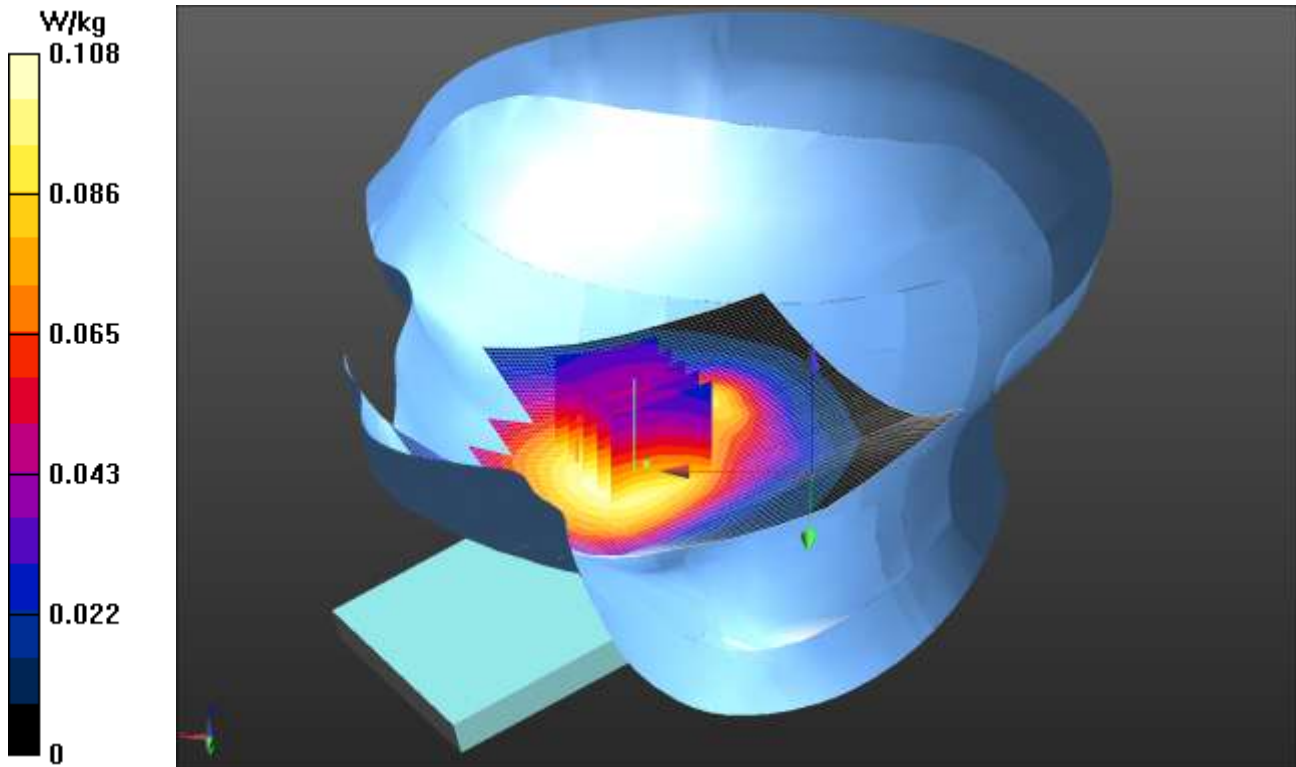
Reference Value = 8.600 V/m; Power Drift = 0.15 dB

Maximum value of SAR (measured) = 0.151 W/kg

SCN/90893JD02/285: Tilt Right LTE Band 17 10MHz BW 50% RB Middle QPSK CH23790

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Tilt Right - Middle/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.108 W/kg

**Configuration/Tilt Right - Middle/Zoom Scan 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.326 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.123 W/kg

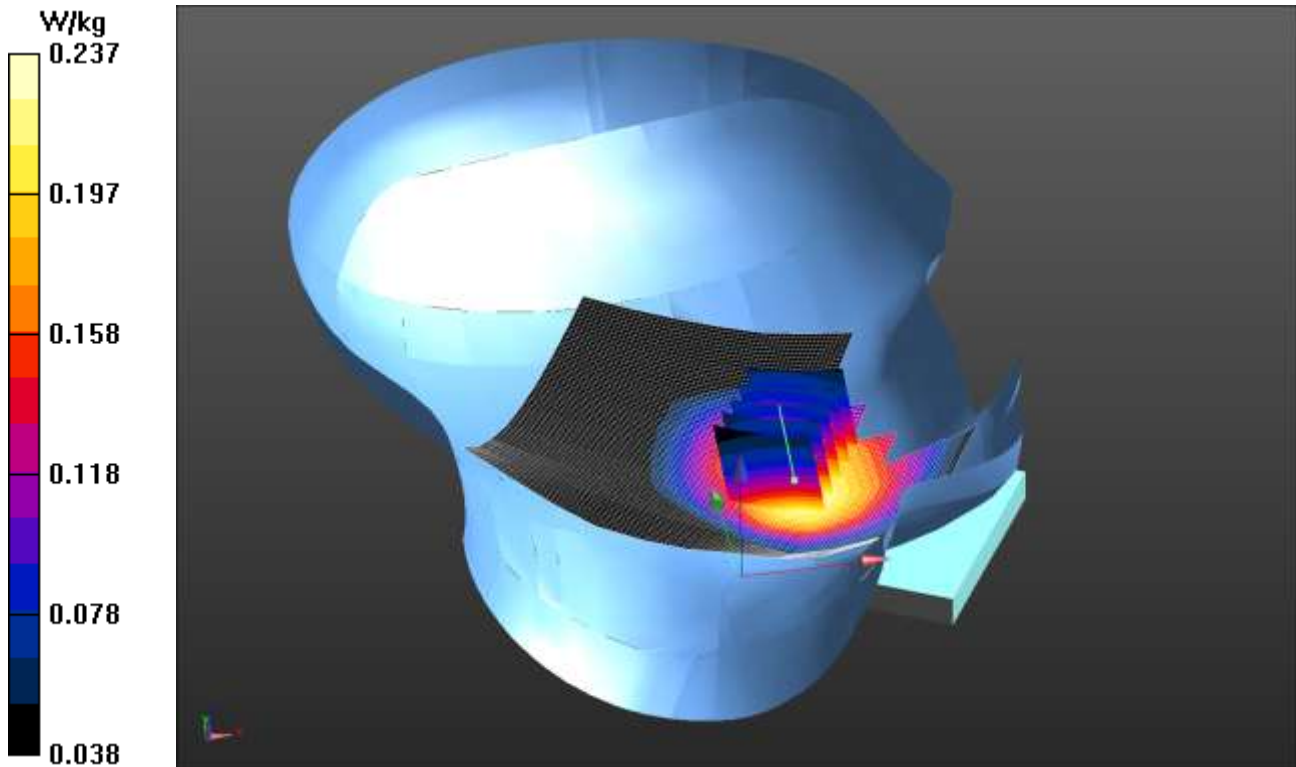
**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.112 W/kg

SCN/90893JD02/286: Touch Left LTE Band 17 10MHz BW 1 RB Middle QPSK CH23780

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 709 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 42.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - Low/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.235 W/kg

**Configuration/Touch Left - Low/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.245 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.274 W/kg

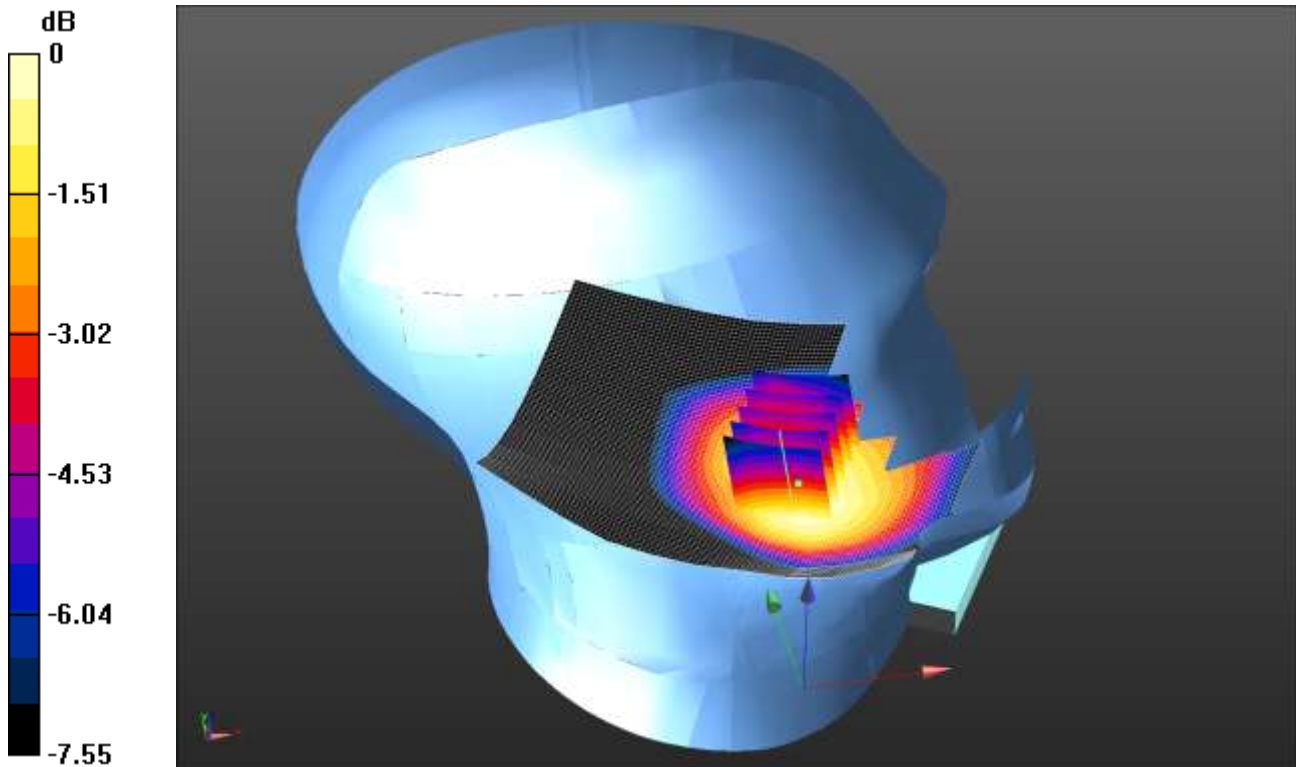
**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.237 W/kg

SCN/90893JD02/287: Touch Left LTE Band 17 10MHz BW 1 RB Middle QPSK CH23800

Date: 07/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FW



0 dB = 0.258 W/kg = -5.88 dBW/kg

Communication System: LTE Bands - 10MHz Channel BW ; Frequency: 711 MHz;Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 42.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD00P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/Touch Left - High/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.260 W/kg

**Configuration/Touch Left - High/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.210 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.195 W/kg**

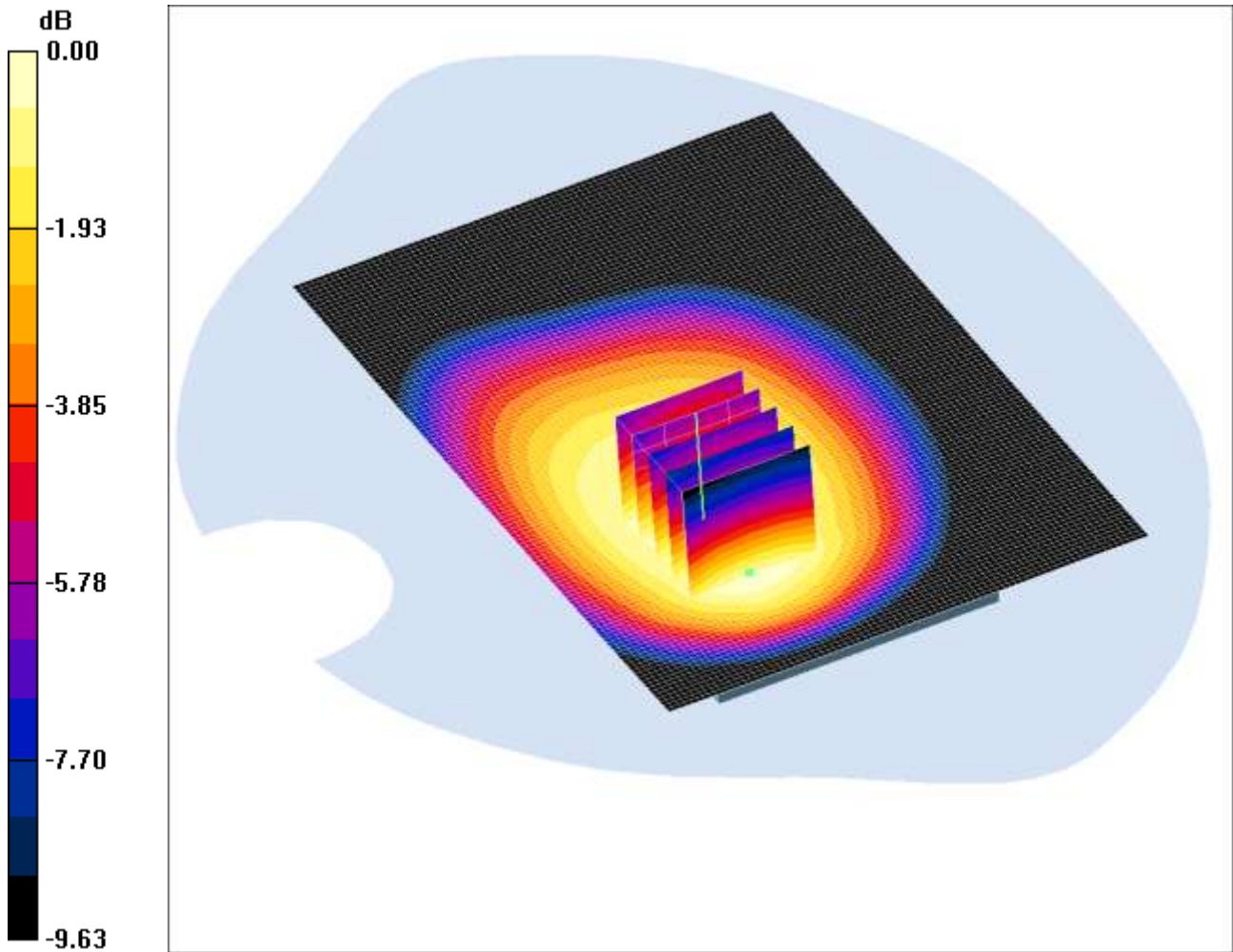
Maximum value of SAR (measured) = 0.258 W/kg



SCN/90893JD02/288: Front of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.373mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom- Middle 2 2/Area Scan 2 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.366 mW/g

**Front of EUT Facing Phantom- Middle 2 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.450 W/kg

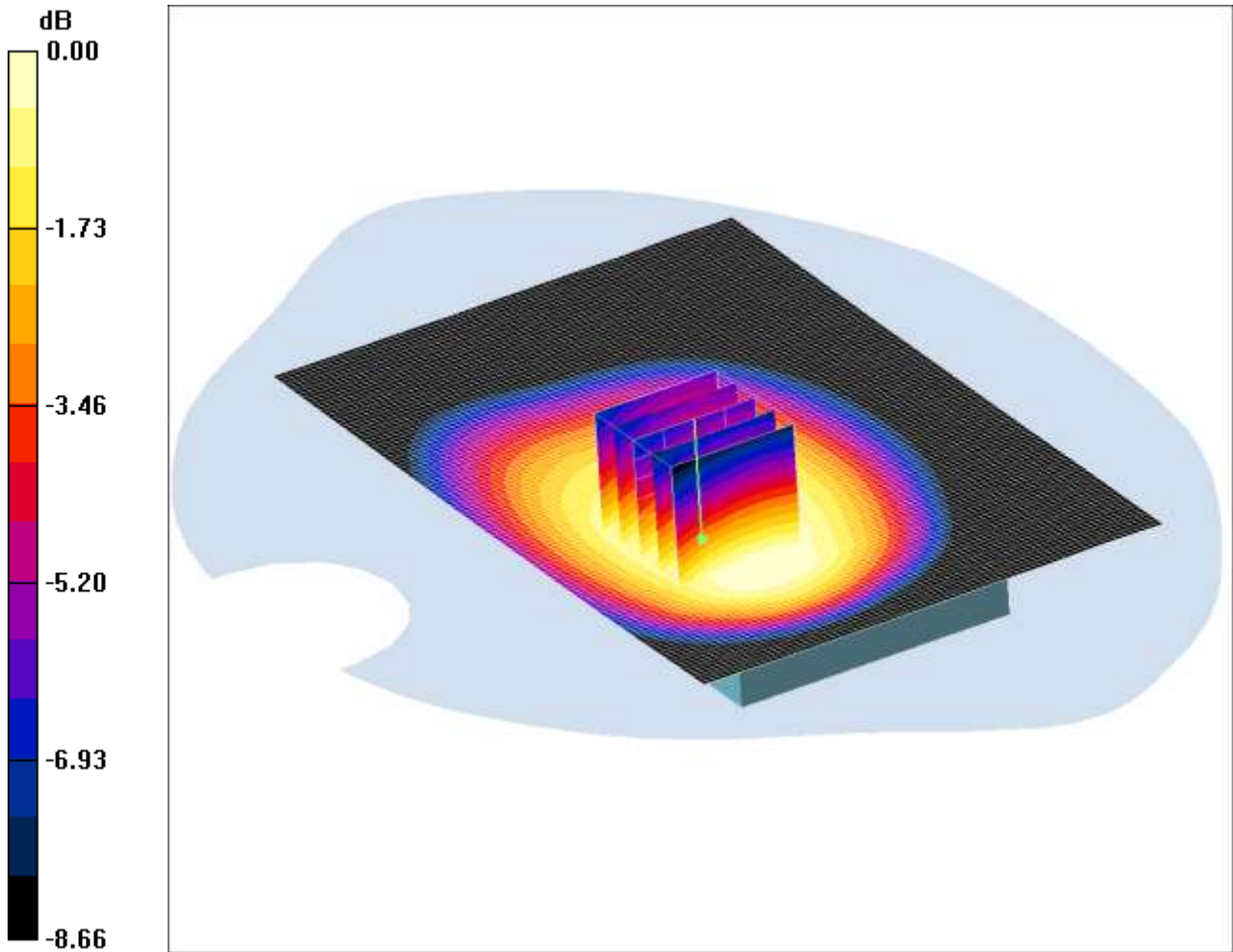
**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.373 mW/g

SCN/90893JD02/289: Front of EUT Facing Phantom LTE Band 17 10MHz BW 50% RB Middle CH23790

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.269mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom- Middle 2/Area Scan 2 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.268 mW/g

**Front of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.323 W/kg

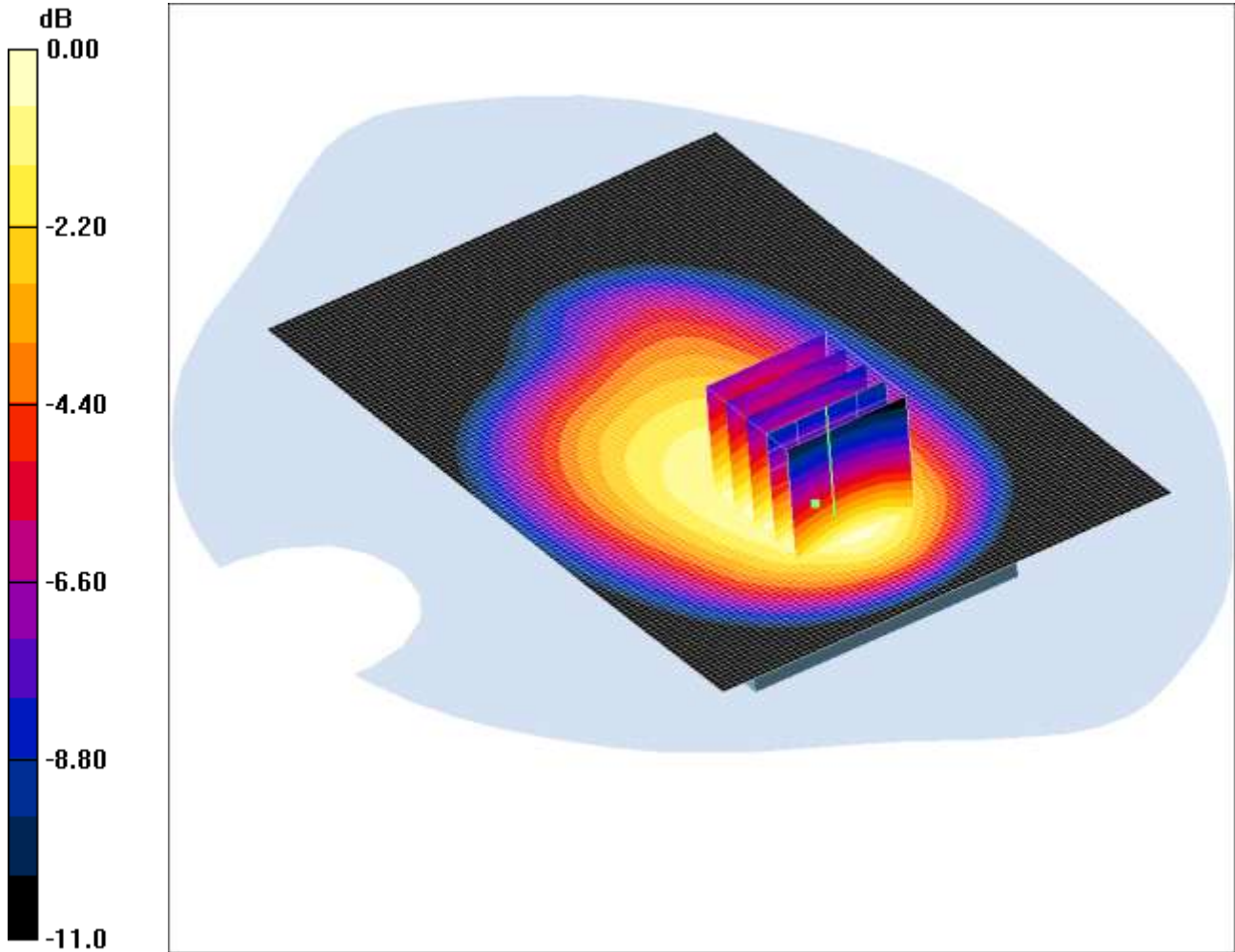
**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g

SCN/90893JD02/290: Back of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.440mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- Middle/Area Scan 2 (81x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.433 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.2 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.588 W/kg

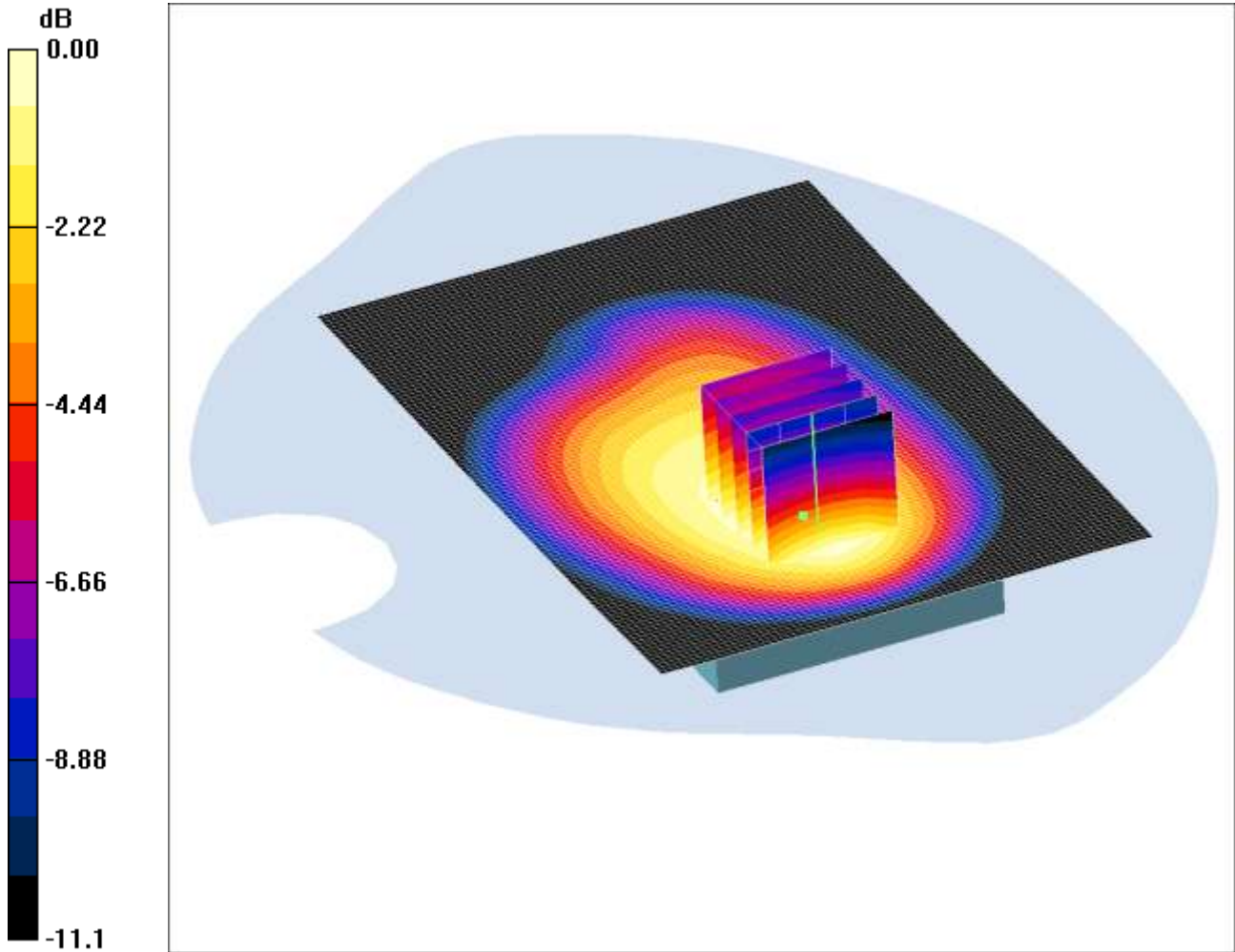
**SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.301 mW/g**

Maximum value of SAR (measured) = 0.440 mW/g

SCN/90893JD02/291: Back of EUT Facing Phantom LTE Band 17 10MHz BW 50% RB Middle CH23790

Date: 04/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.324mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- Middle/Area Scan 2 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.435 W/kg

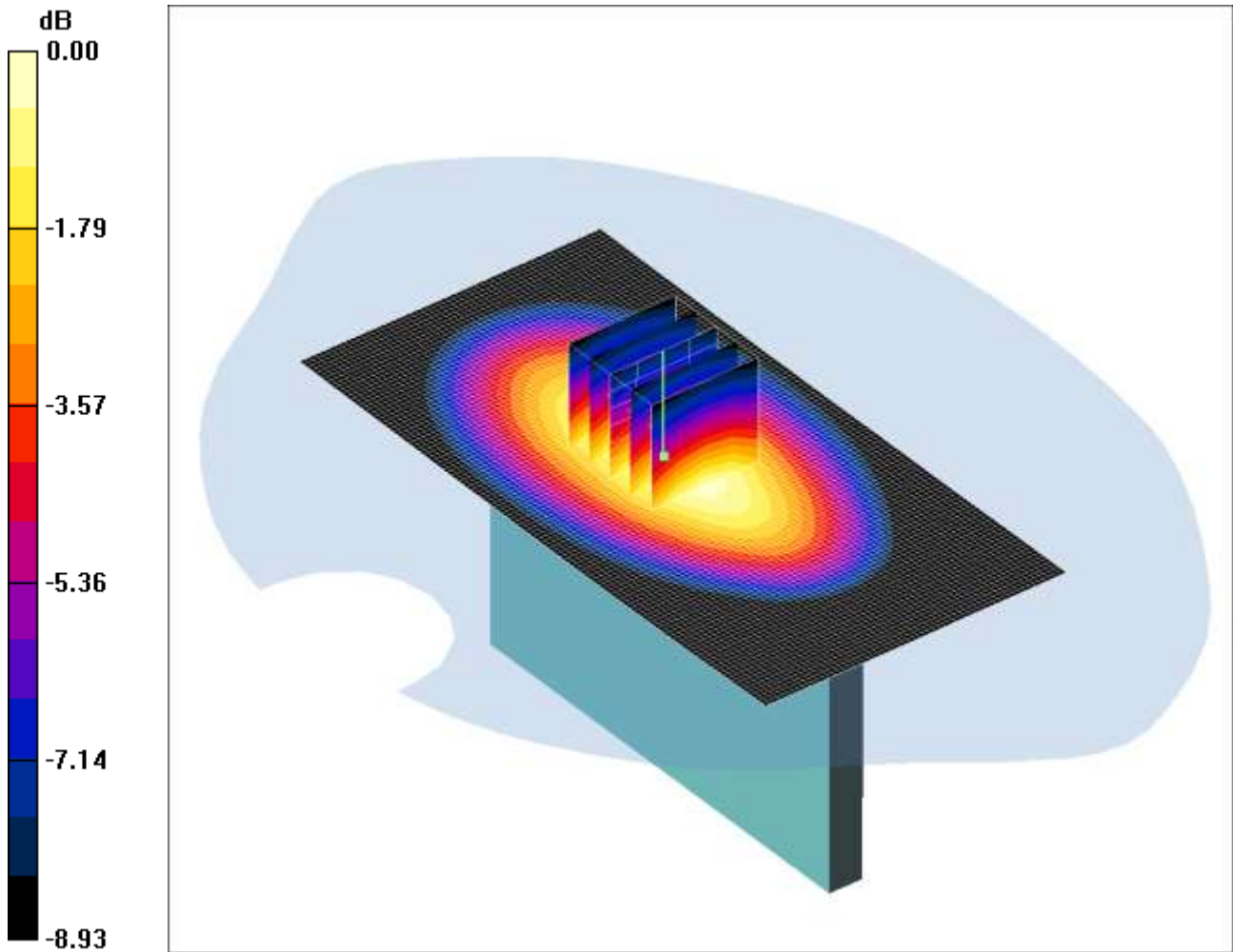
**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.324 mW/g

SCN/90893JD02/292: Left Hand Side of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.282mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left Hand Side of EUT Facing Phantom- Middle 2/Area Scan 2 (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

**Left Hand Side of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.366 W/kg

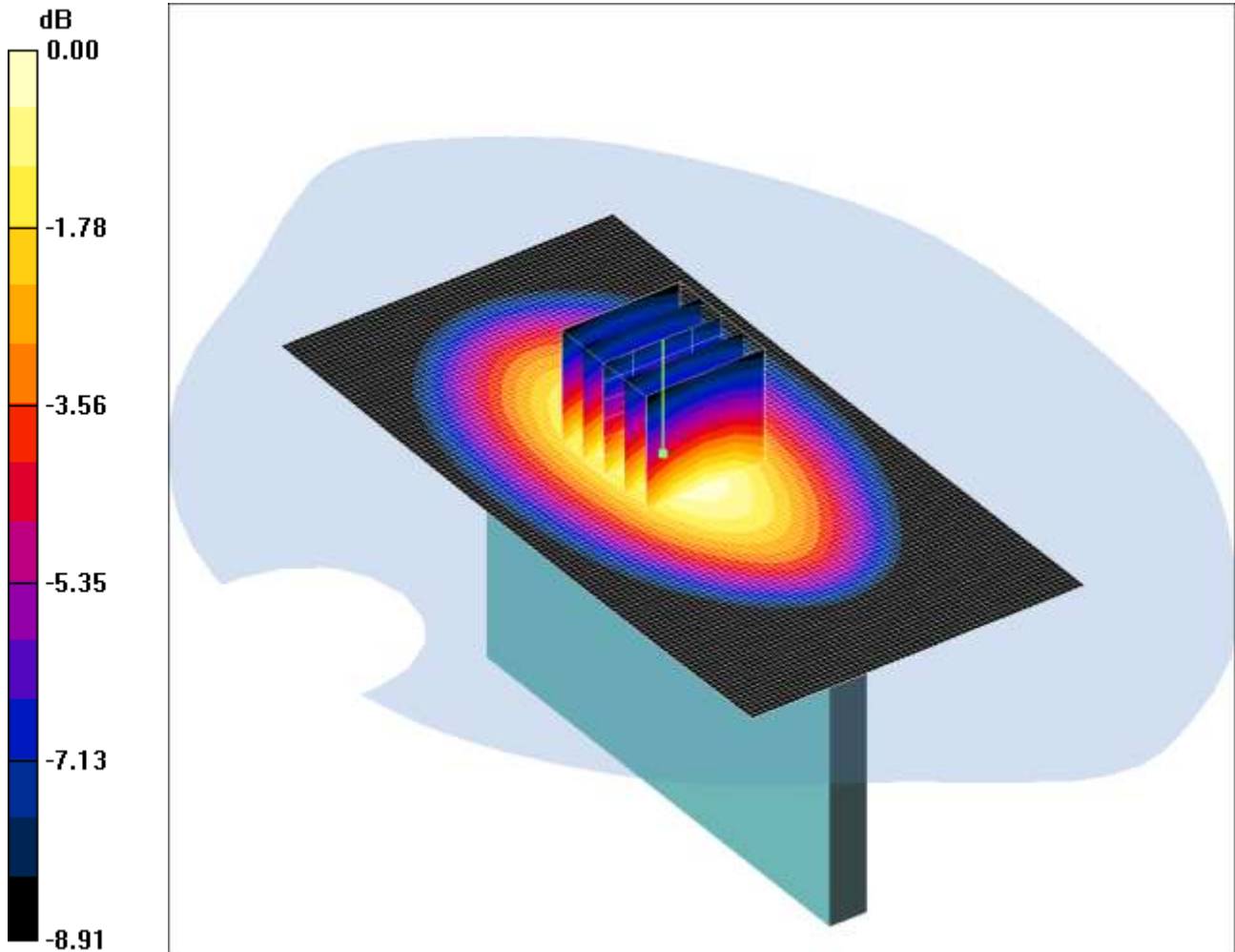
**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.183 mW/g**

Maximum value of SAR (measured) = 0.282 mW/g

SCN/90893JD02/293: Left Hand Side of EUT Facing Phantom LTE Band 17 10MHz BW 50% RB Middle  
CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.205mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left Hand Side of EUT Facing Phantom- Middle 2/Area Scan 2 (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.207 mW/g

**Left Hand Side of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.266 W/kg

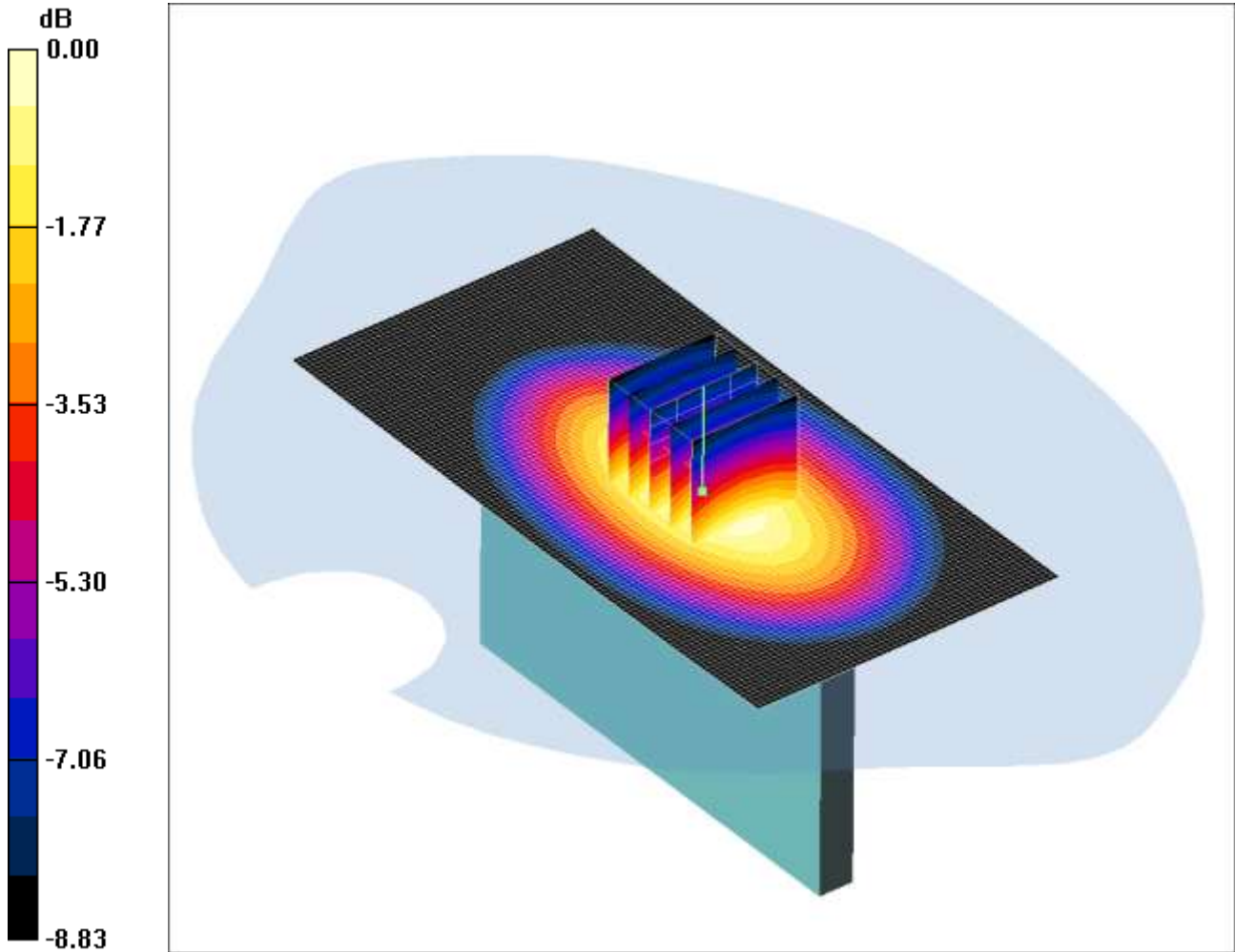
**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.205 mW/g

SCN/90893JD02/294: Right Hand Side of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.227mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right Hand Side of EUT Facing Phantom- Middle 2/Area Scan 2 (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 mW/g

**Right Hand Side of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.294 W/kg

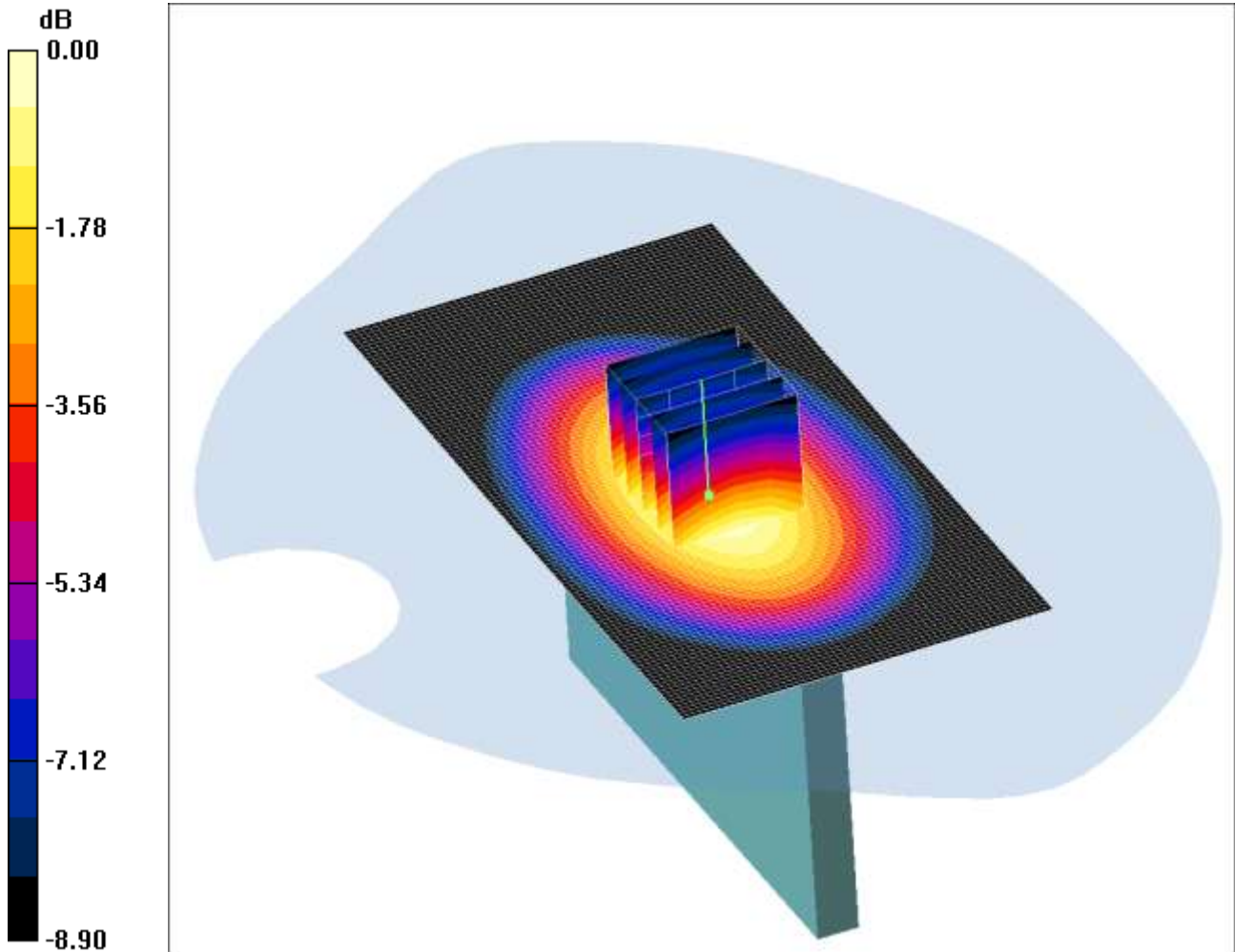
**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g

SCN/90893JD02/295: Right Hand Side of EUT Facing Phantom LTE Band 17 10MHz BW 50% RB Middle  
CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.178mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right Hand Side of EUT Facing Phantom- Middle 2/Area Scan 2 (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

**Right Hand Side of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.117 mW/g**

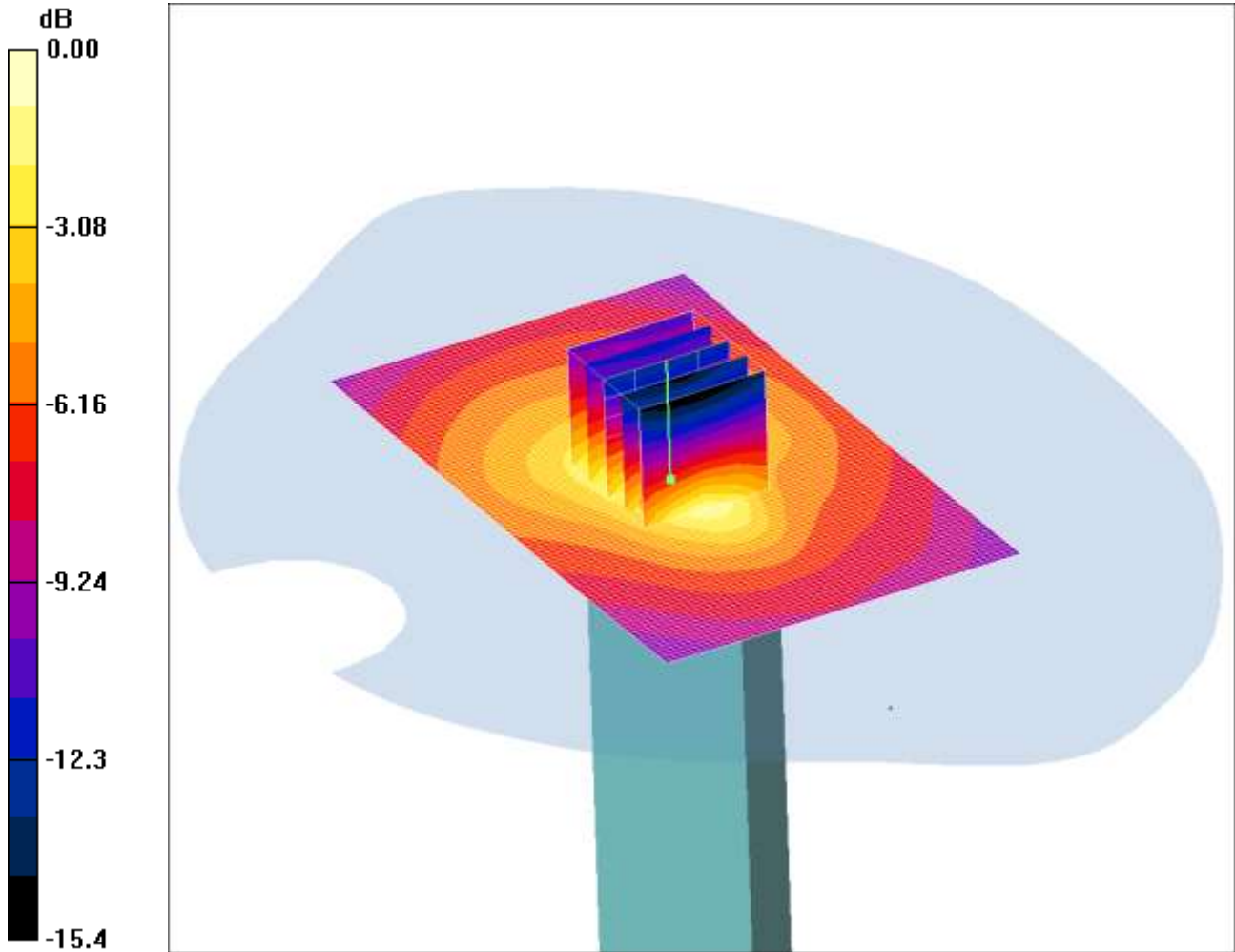
Maximum value of SAR (measured) = 0.178 mW/g



SCN/90893JD02/296: Bottom of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.083mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom- Middle 2/Area Scan 2 (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.076 mW/g

**Bottom of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.99 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.143 W/kg

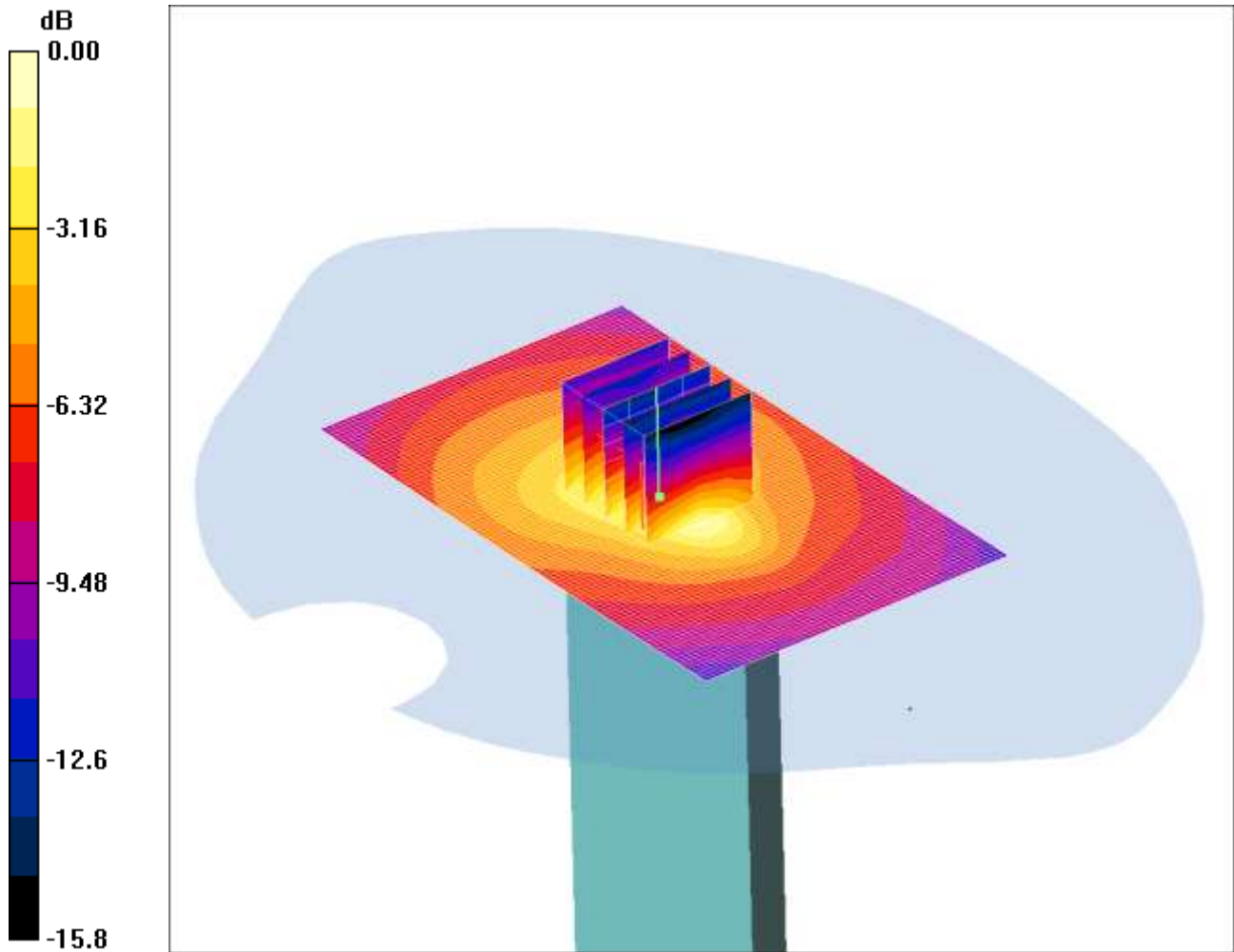
**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g

SCN/90893JD02/297: Bottom of EUT Facing Phantom LTE Band 17 10MHz BW 50% RB Middle CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.059mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Bottom of EUT Facing Phantom- Middle 2/Area Scan 2 (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.059 mW/g

**Bottom of EUT Facing Phantom- Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

$dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.86 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.105 W/kg

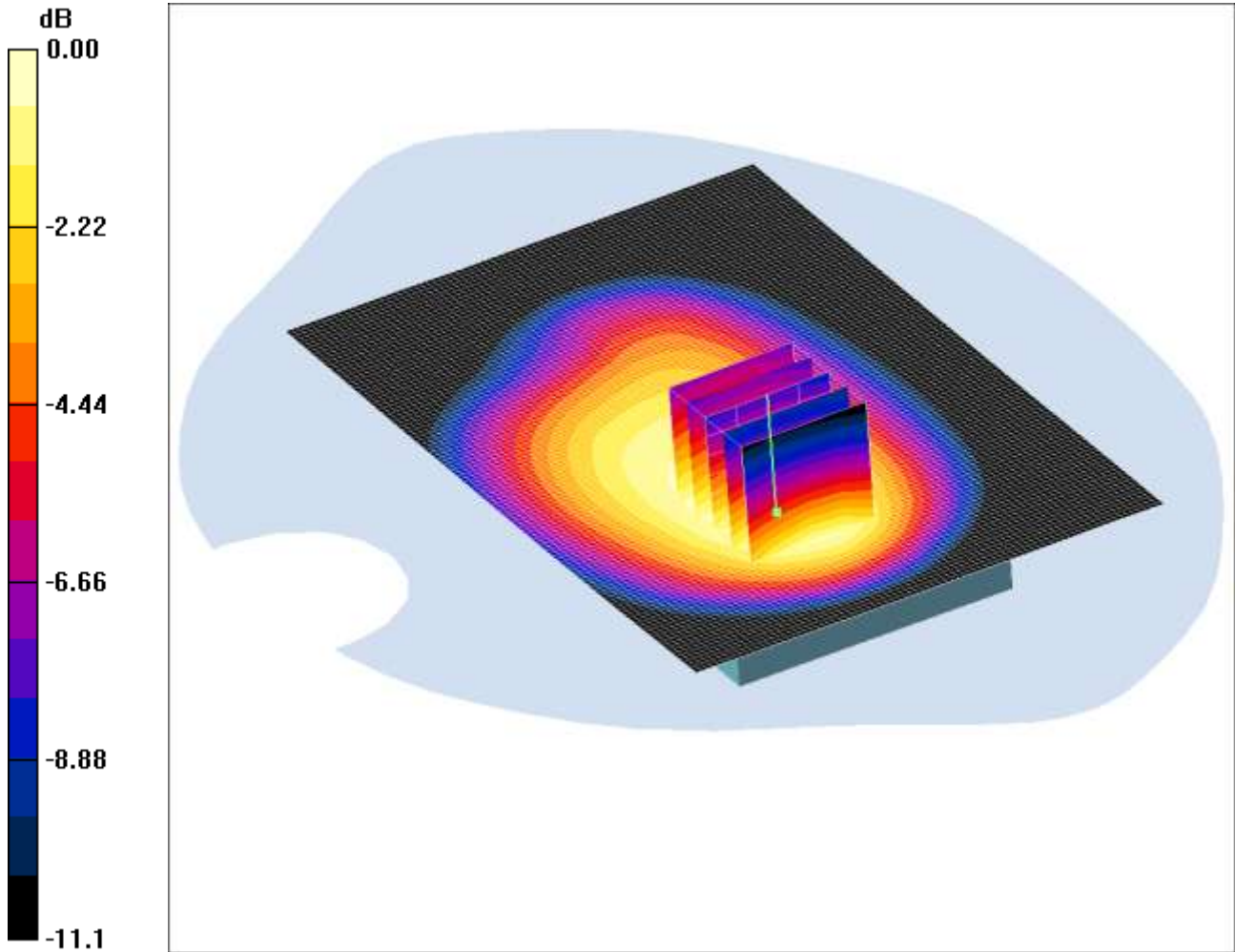
**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

SCN/90893JD02/298: Back of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23780

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.422mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 709 MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- Low/Area Scan 2 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.432 mW/g

**Back of EUT Facing Phantom- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.559 W/kg

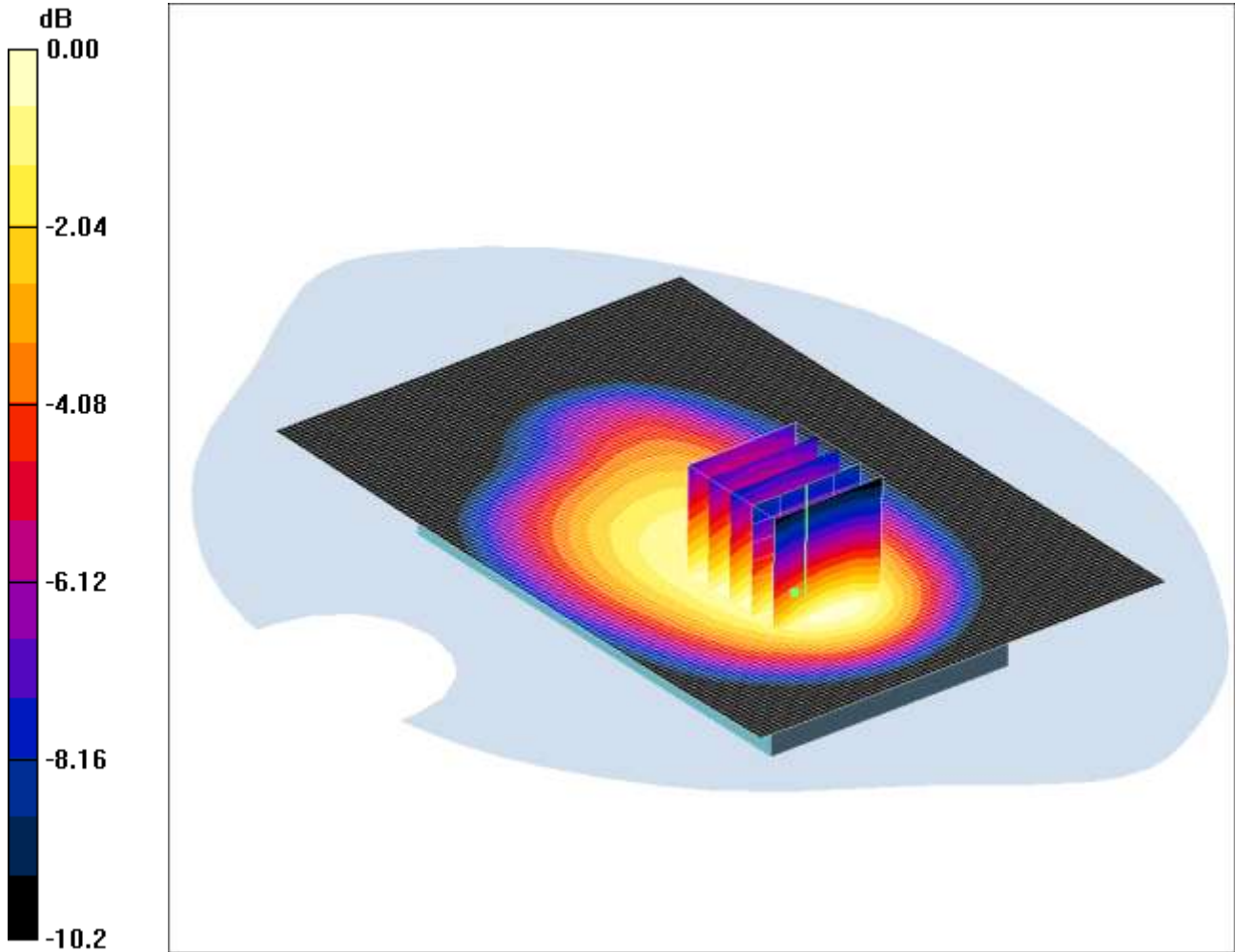
**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.293 mW/g**

Maximum value of SAR (measured) = 0.422 mW/g

SCN/90893JD02/299: Back of EUT Facing Phantom LTE Band 17 10MHz BW 1RB Middle CH23800

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.401mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 711 MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- High/Area Scan 2 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.409 mW/g

**Back of EUT Facing Phantom- High/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.533 W/kg

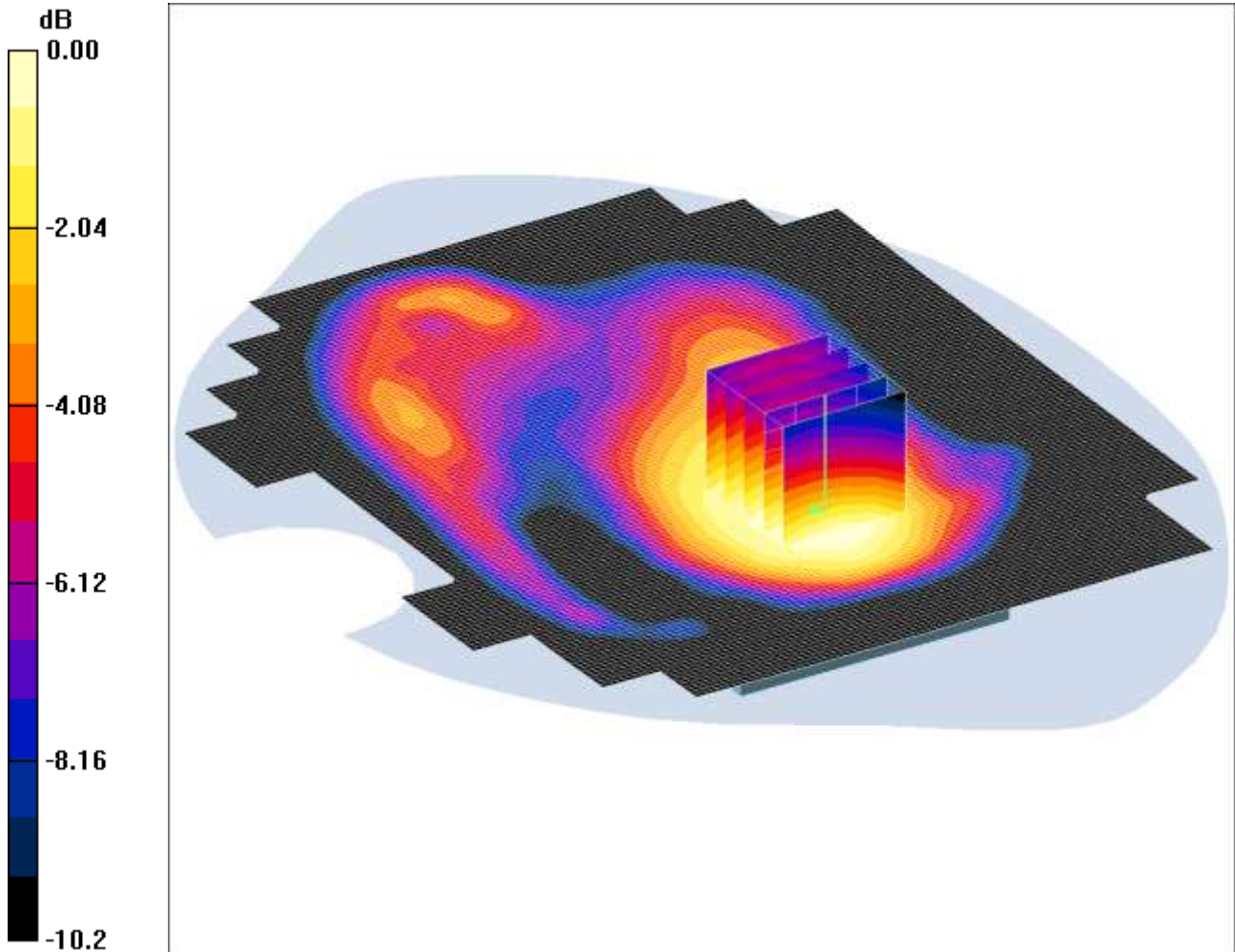
**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.279 mW/g**

Maximum value of SAR (measured) = 0.401 mW/g

SCN/90893JD02/300: Back of EUT Facing Phantom with PHF at 15mm LTE Band 17 10MHz BW 1RB Middle CH23790

Date: 05/12/2012

DUT: Sony Odin Rex; Type: Odin Rex EUT C ; Serial: CB5121Z4FZ



0 dB = 0.245mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
 Medium: 750 MHz MSL Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom with PHF at 15mm- Middle/Area Scan 2 (121x141x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

**Back of EUT Facing Phantom with PHF at 15mm- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.312 W/kg

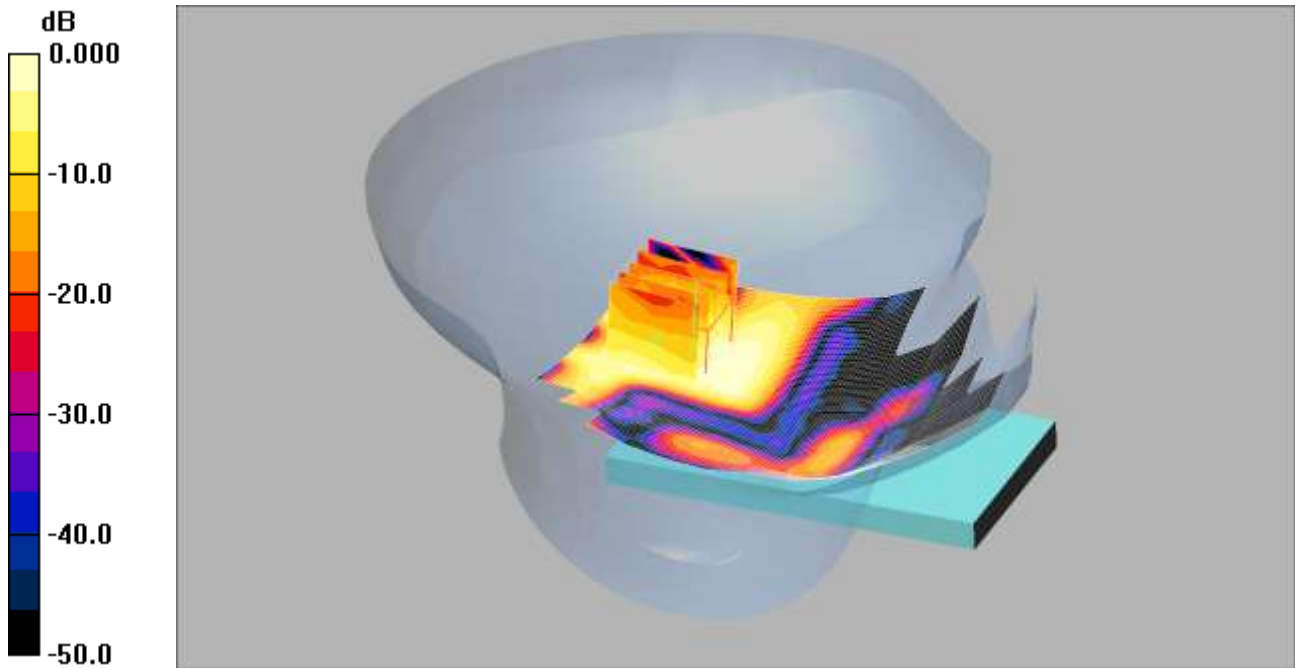
**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.245 mW/g

SCN/90893JD02/301: Touch Left 802.11b 1Mbps CH6

Date: 12/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.062mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

**Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.18 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.027 mW/g**

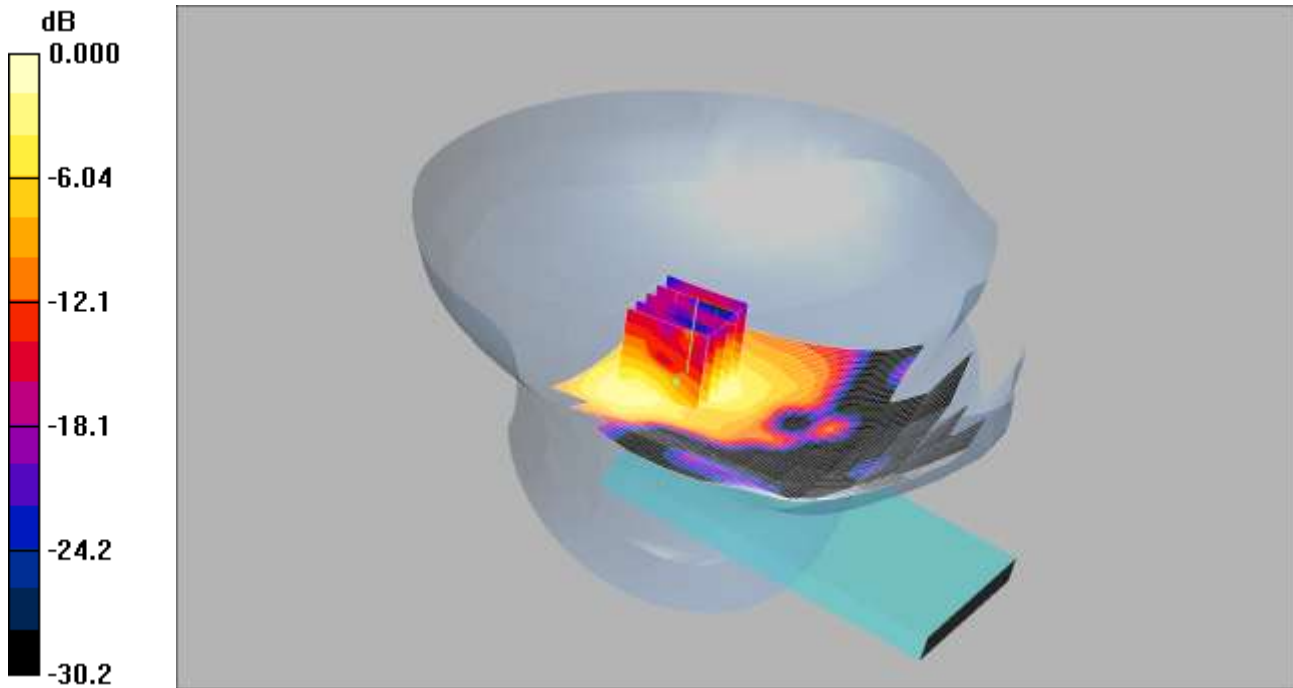
Maximum value of SAR (measured) = 0.062 mW/g

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 SCN/90893JD02/302: Tilt Left 802.11b 1Mbps CH6

Date: 12/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.051mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Left - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.043 mW/g

**Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.099 W/kg

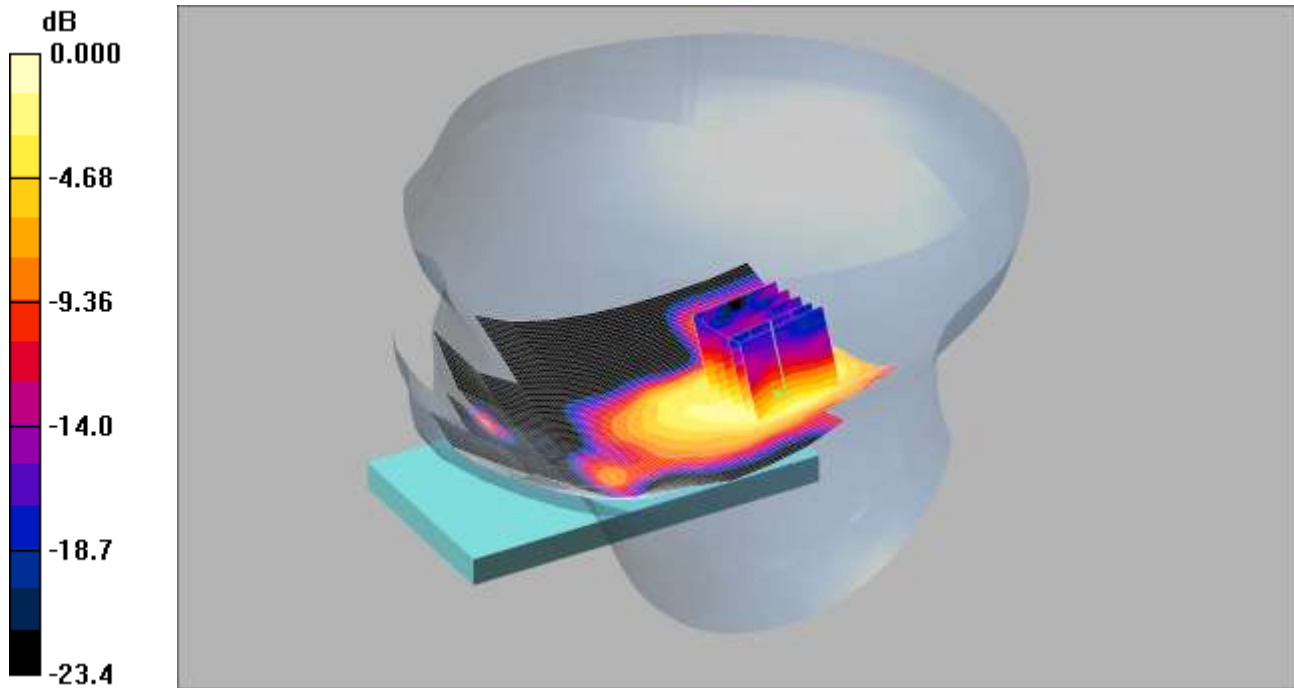
**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.051 mW/g

SCN/90893JD02/303: Touch Right 802.11b 1Mbps CH6

Date: 12/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.040mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Right - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

**Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.83 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.068 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.040 mW/g

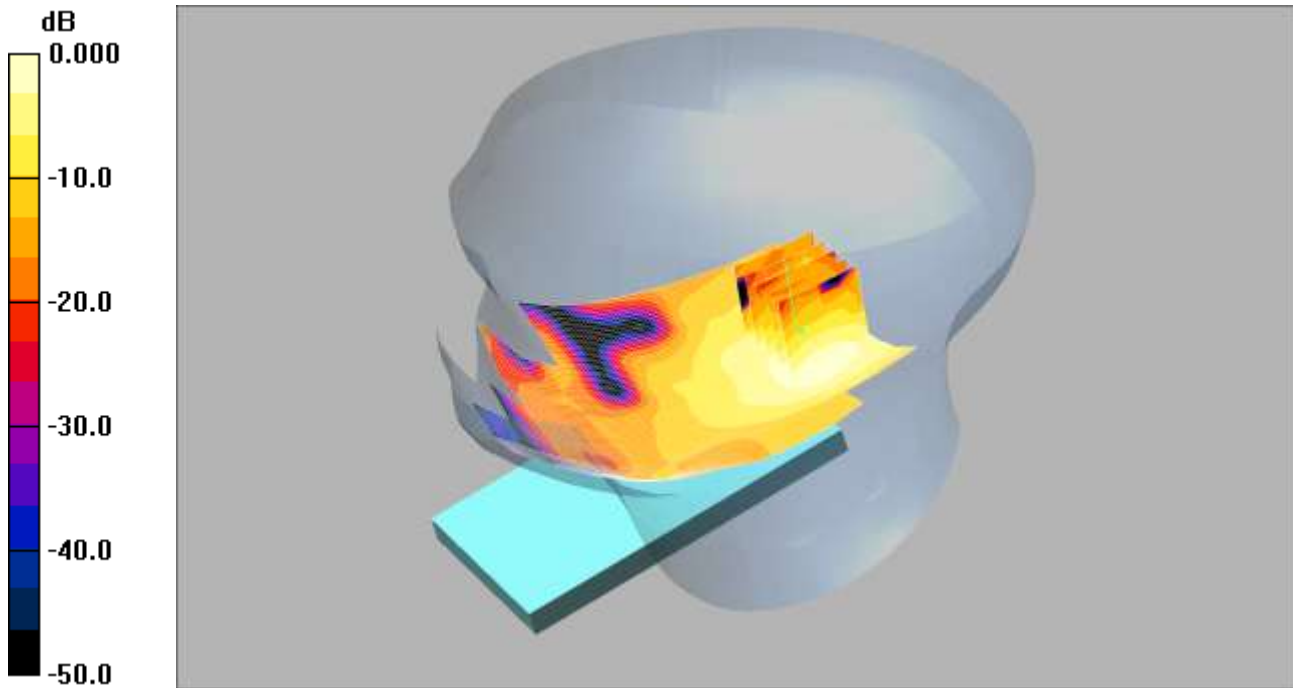


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 SCN/90893JD02/304: Tilt Right 802.11b 1Mbps CH6

Date: 12/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.044mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Tilt Right - Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.040 mW/g**Tilt Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.53 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.064 W/kg

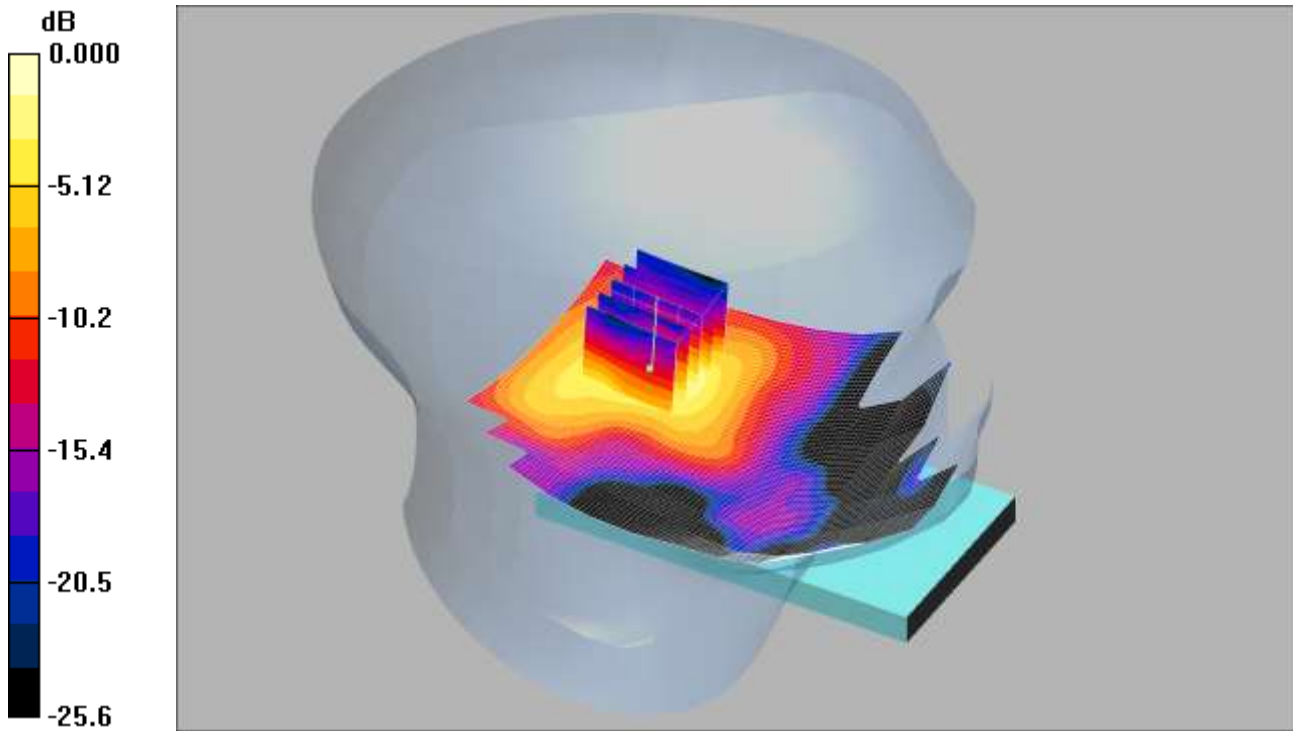
**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g

SCN/90893JD02/305: Touch Left 802.11b 1Mbps CH1

Date 27/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.102mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Left - Low/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.090 mW/g

**Touch Left - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.40 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.039 mW/g**

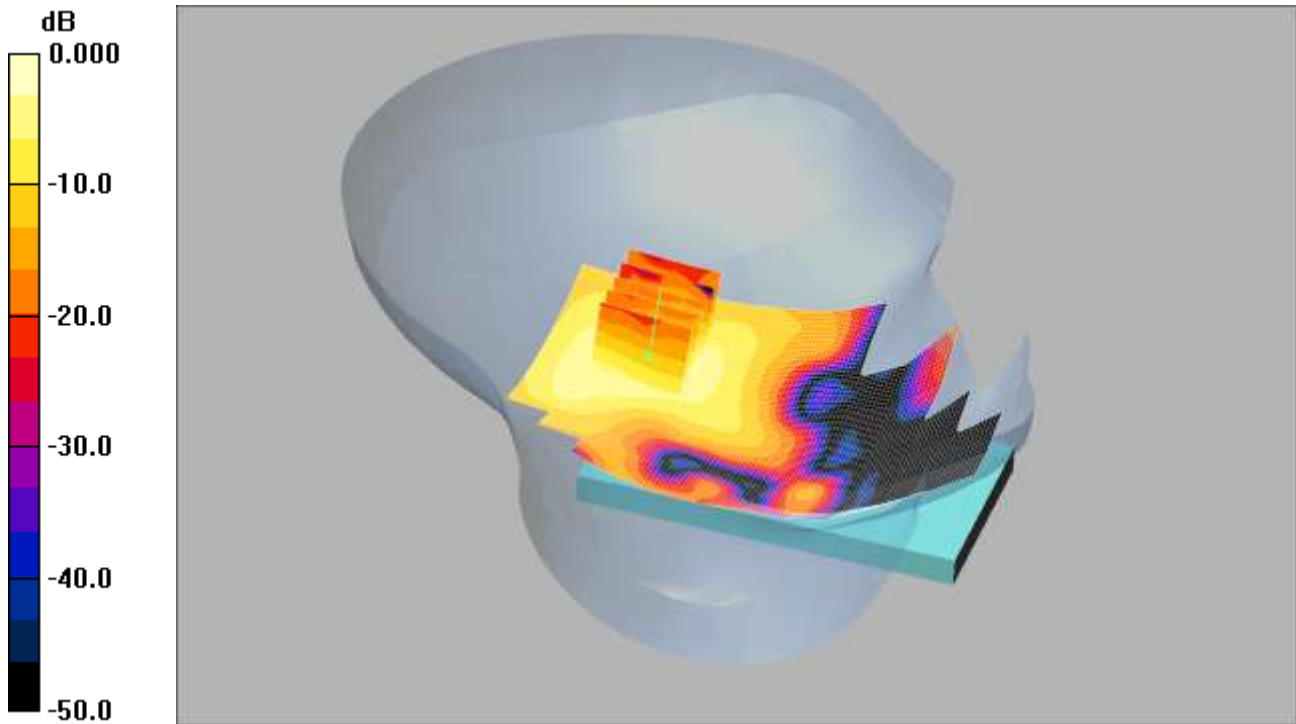
Maximum value of SAR (measured) = 0.102 mW/g

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 SCN/90893JD02/306: Touch Left 802.11b 1Mbps CH11

Date 12/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.068mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Touch Left - High/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

**Touch Left - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.11 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.126 W/kg

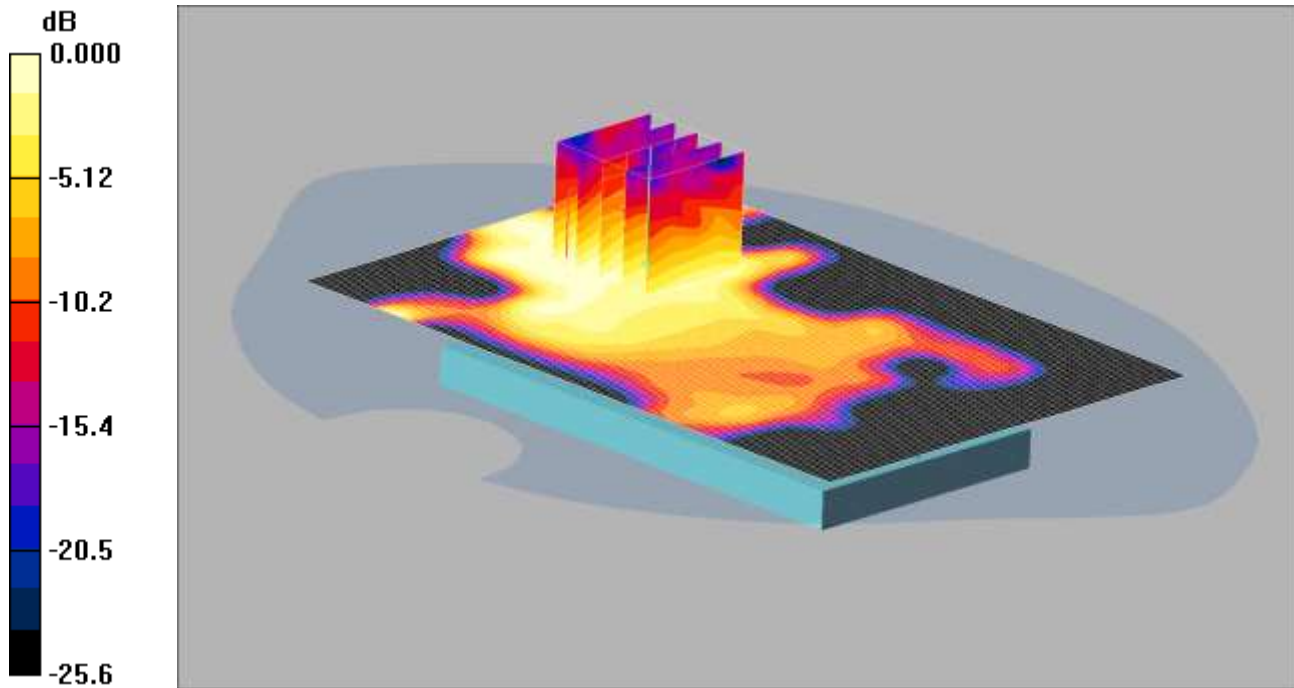
**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.068 mW/g

SCN/90893JD02/307: Front of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex ETA WLAN1; Serial: CB5121Z4FG



0 dB = 0.018mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Front of EUT Facing Phantom- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.018 mW/g

**Front of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.48 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.034 W/kg

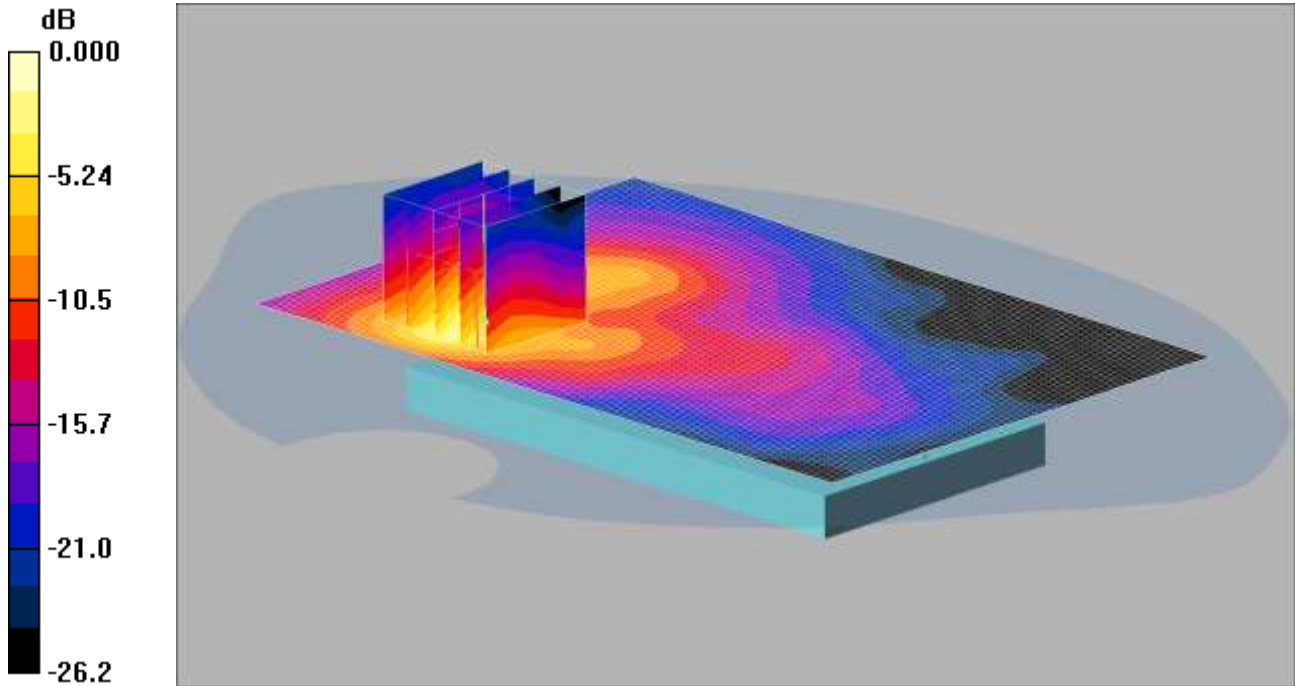
**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00908 mW/g**

Maximum value of SAR (measured) = 0.018 mW/g

SCN/90893JD02/308: Back of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex ETA WLAN1; Serial: CB5121Z4FG



0 dB = 0.349mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom- Middle/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.326 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.18 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.702 W/kg

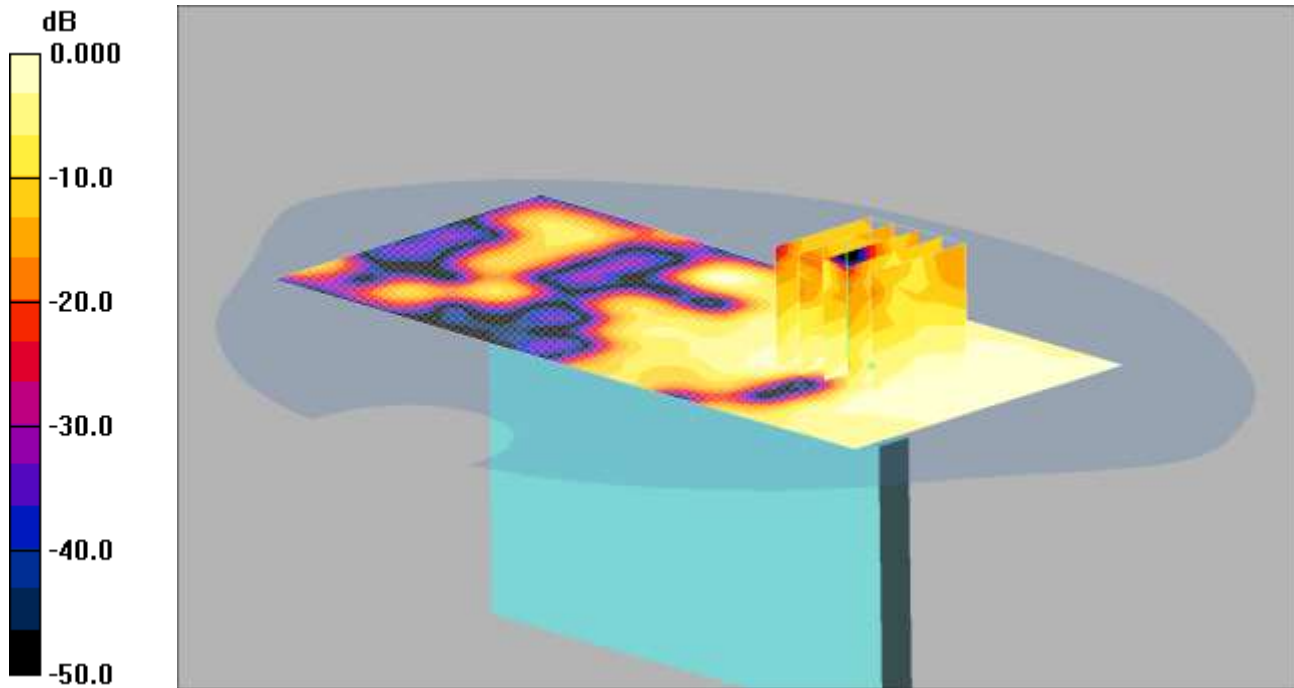
**SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.349 mW/g

SCN/90893JD02/309: Left Side Hand of EUT Facing Phantom 802.11 1Mbps CH6

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.008mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Hand Side of EUT Facing Phantom- Middle/Area Scan (61x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.010 mW/g

**Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.960 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.026 W/kg

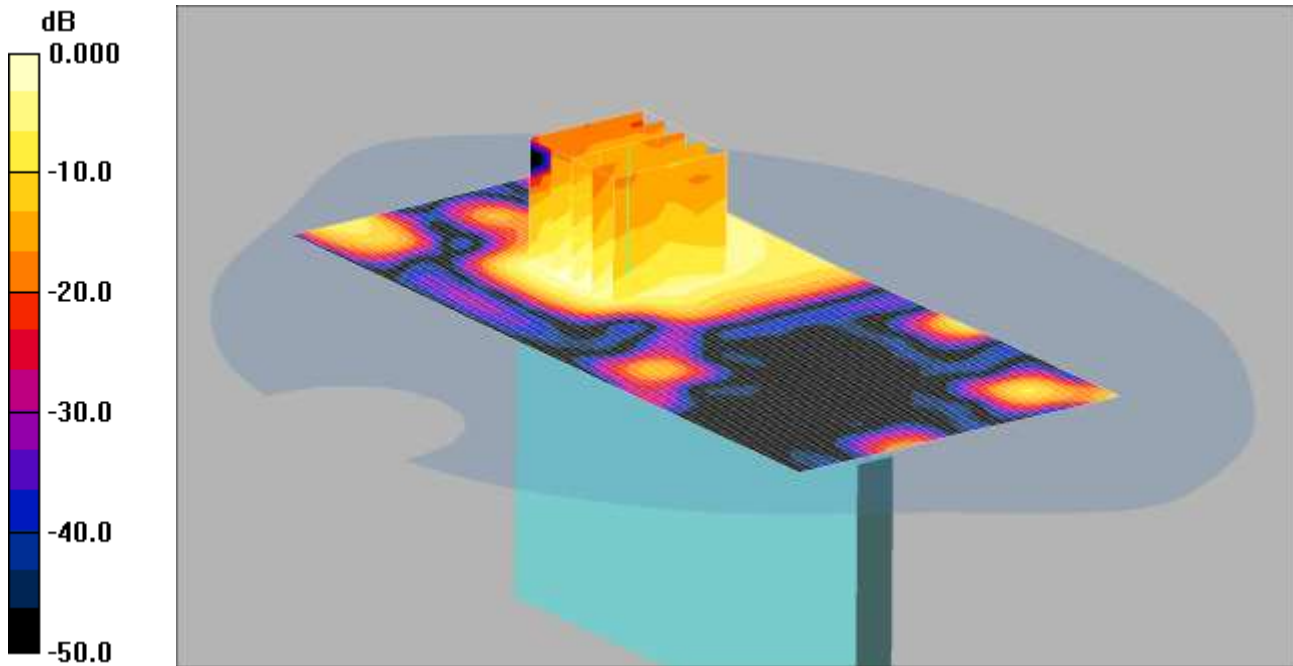
**SAR(1 g) = 0.00714 mW/g; SAR(10 g) = 0.00308 mW/g**

Maximum value of SAR (measured) = 0.008 mW/g

SCN/90893JD02/310: Right Side Hand of EUT Facing Phantom 802.11 1Mbps CH6

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.038mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Hand Side of EUT Facing Phantom- Middle/Area Scan (61x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.038 mW/g

**Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.774 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.077 W/kg

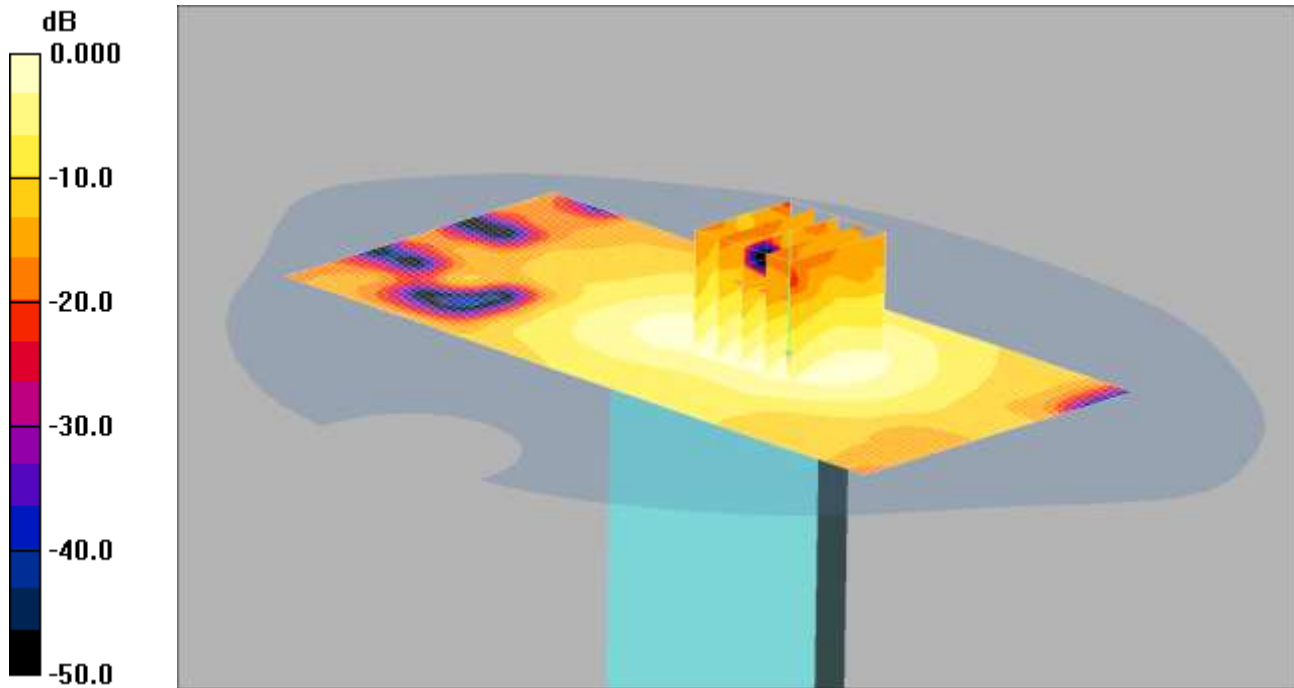
**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.038 mW/g

SCN/90893JD02/311: Top of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex WLAN1; Serial: CB5121Z4FG



0 dB = 0.025mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Bottom of EUT Facing Phantom- Middle/Area Scan (61x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.025 mW/g

**Bottom of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.29 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g**

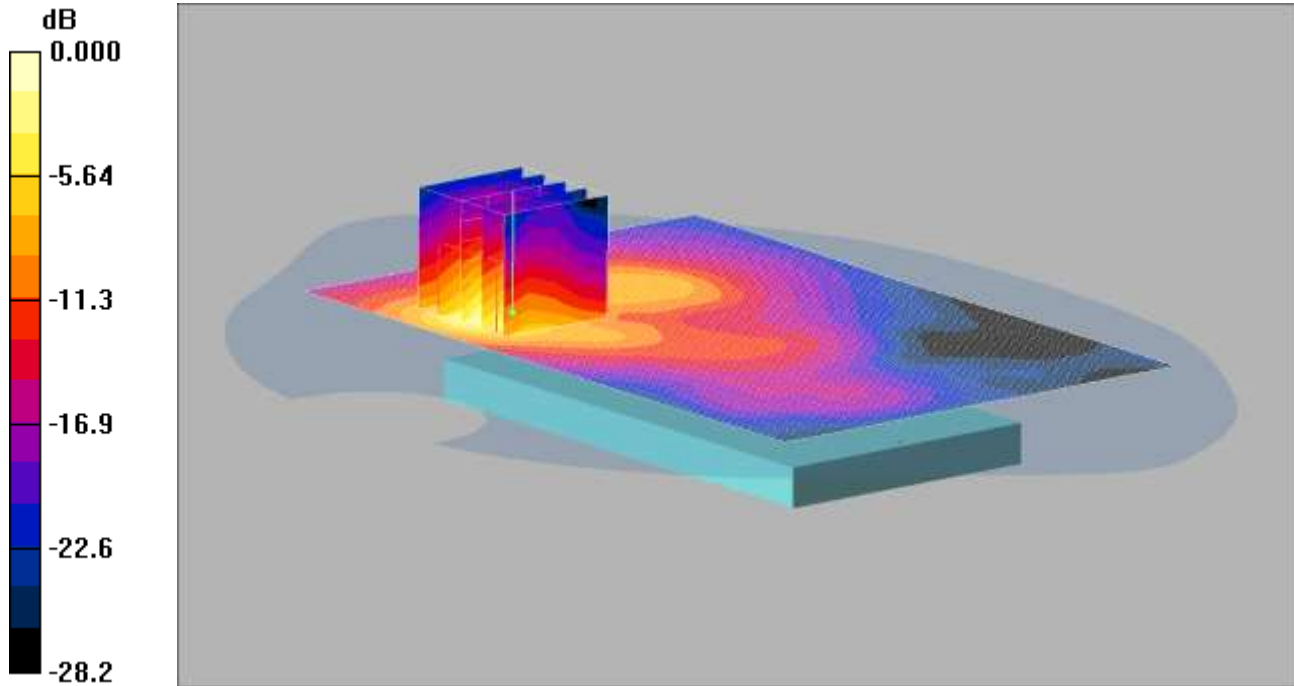
Maximum value of SAR (measured) = 0.025 mW/g



SCN/90893JD02/312: Back of EUT Facing Phantom 802.11b 1Mbps CH1

Date: 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex ETA WLAN1; Serial: CB5121Z4FG



0 dB = 0.361mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom- Low/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.330 mW/g

**Back of EUT Facing Phantom- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.732 W/kg

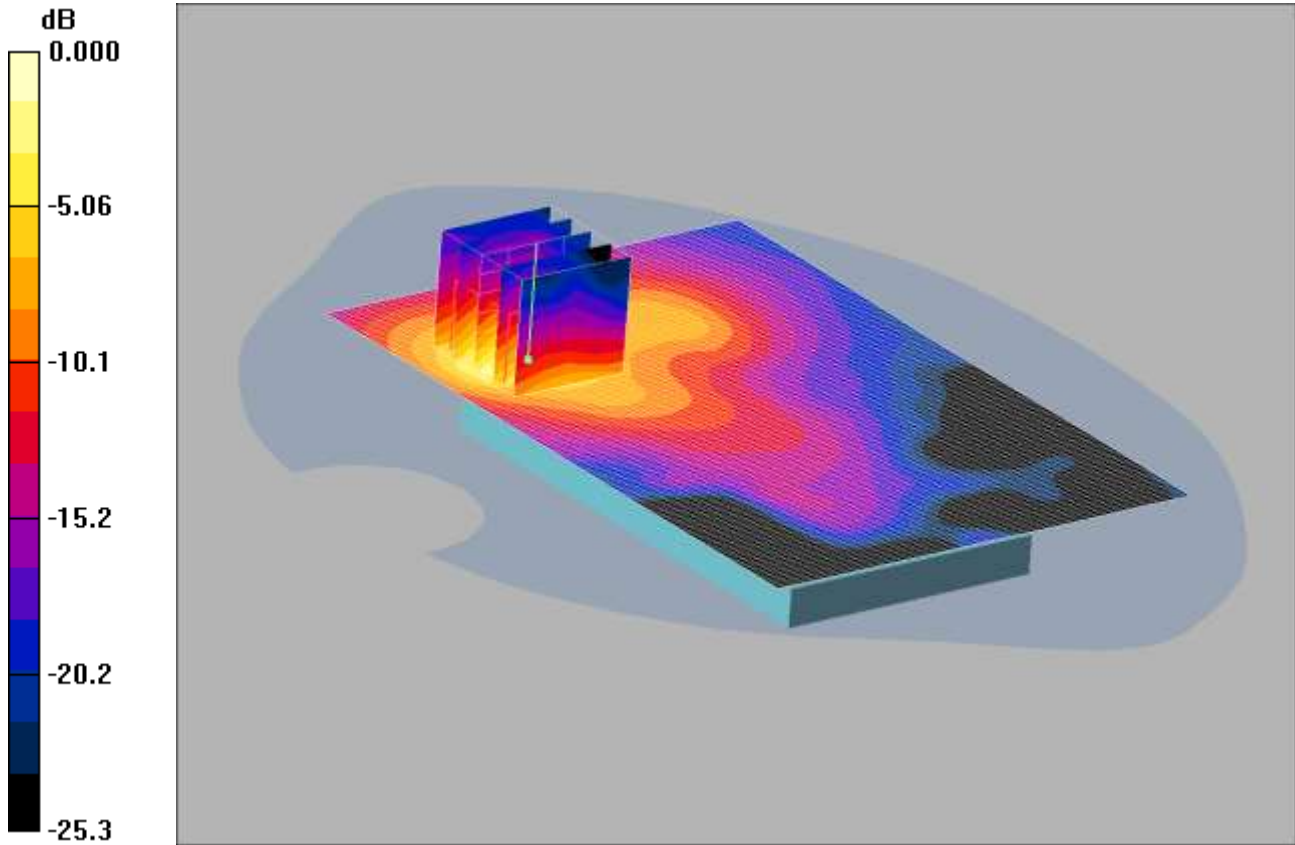
**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.361 mW/g

SCN/90893JD02/313: Back of EUT Facing Phantom 802.11b 1Mbps CH11

Date 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex ETA WLAN1; Serial: CB5121Z4FG



0 dB = 0.203mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 2.05$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom- High 2/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

**Back of EUT Facing Phantom- High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.71 V/m; Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.440 W/kg

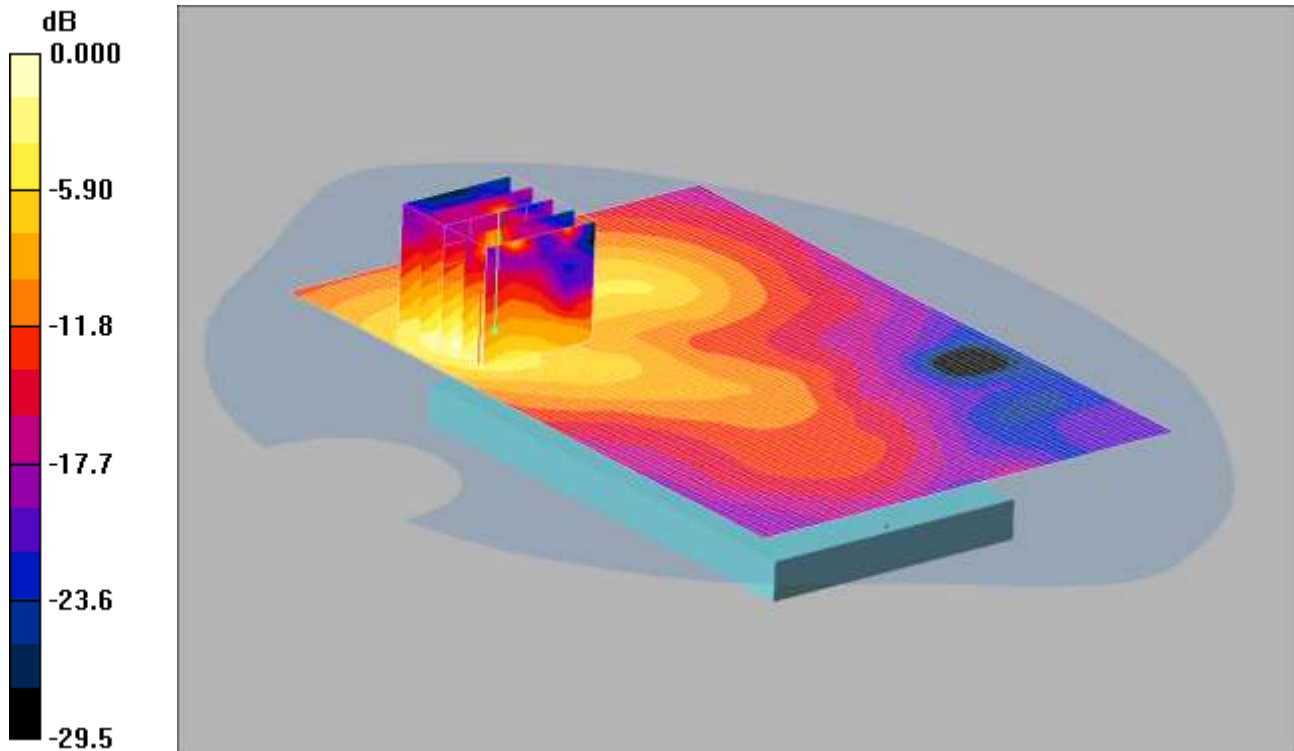
**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.203 mW/g

SCN/90893JD02/314: Back of EUT Facing Phantom at 15mm 802.11b 1Mbps CH1

Date 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex



0 dB = 0.168mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom at 15mm - Low 2/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Back of EUT Facing Phantom- Low 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.18 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.238 W/kg

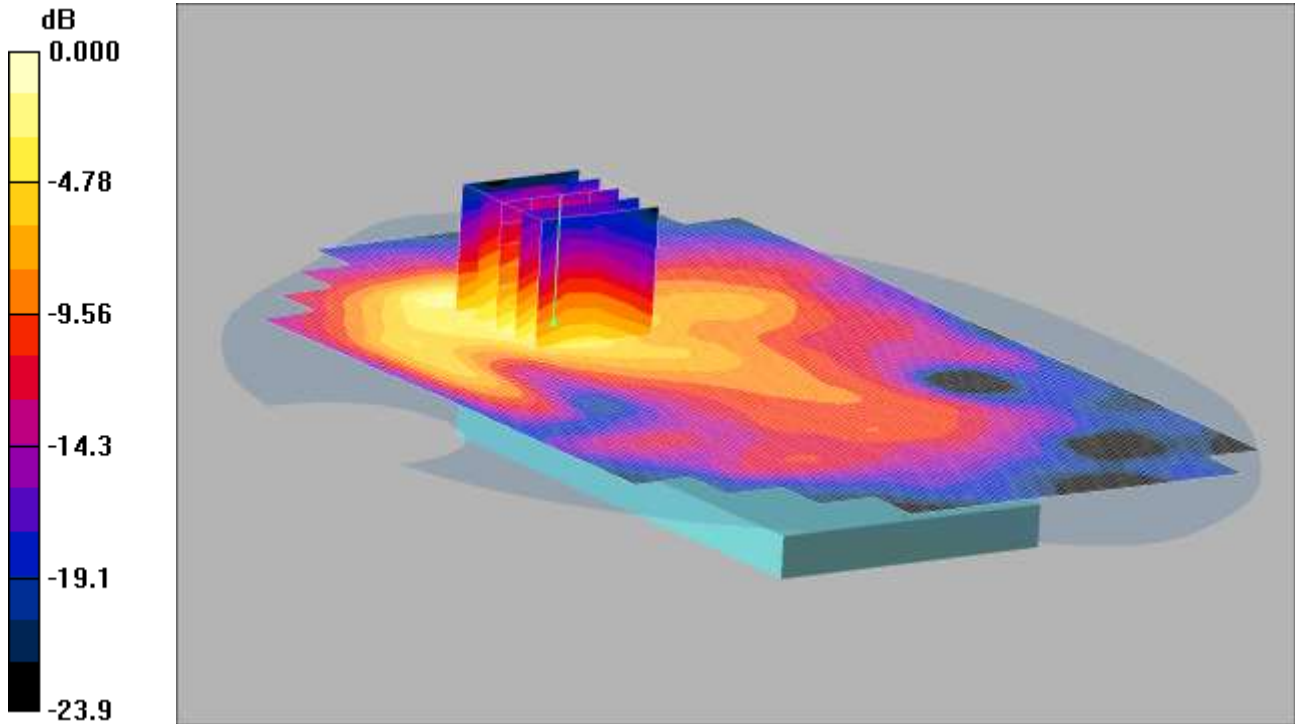
**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.062 mW/g**

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

SCN/90893JD02/315: Back of EUT Facing Phantom at 15mm with PHF 802.11b 1Mbps CH1

Date 11/12/2012

DUT: Sony Odin Rex; Type: Odin Rex ETA WLAN1; Serial: CB5121Z4FG



0 dB = 0.173mW/g

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Back of EUT Facing Phantom at 15mm with PHF - Low 2/Area Scan (101x161x1):** Measurement grid:

dx=15mm, dy=15mm

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

**Back of EUT Facing Phantom at 15mm with PHF - Low 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.96 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.325 W/kg

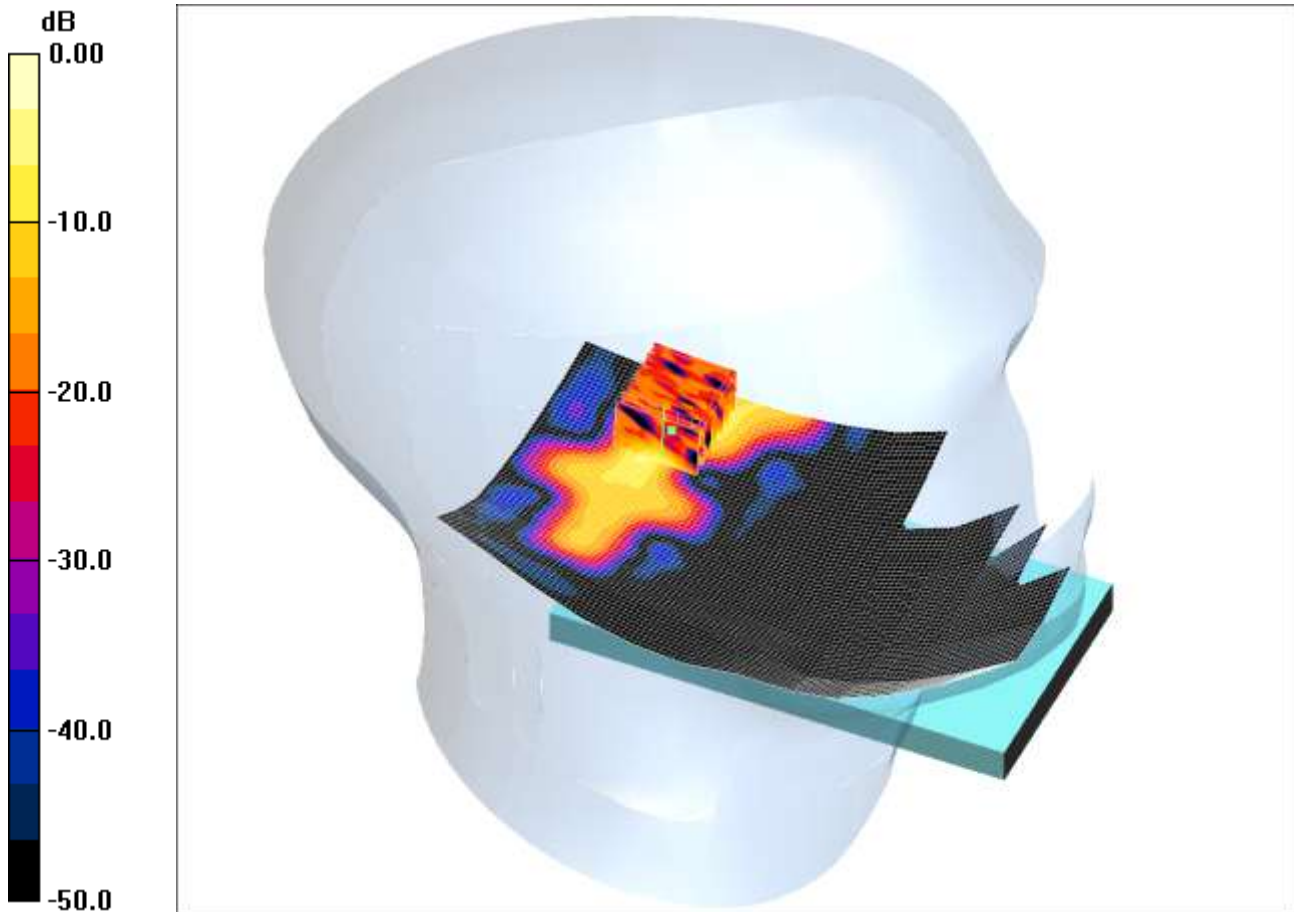
**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g

SCN/90893JD02/316: Touch Left 802.11a 6Mbps CH48

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.198mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.77$  mho/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Touch Left - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.085 mW/g

**Touch Left - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.03 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.353 W/kg

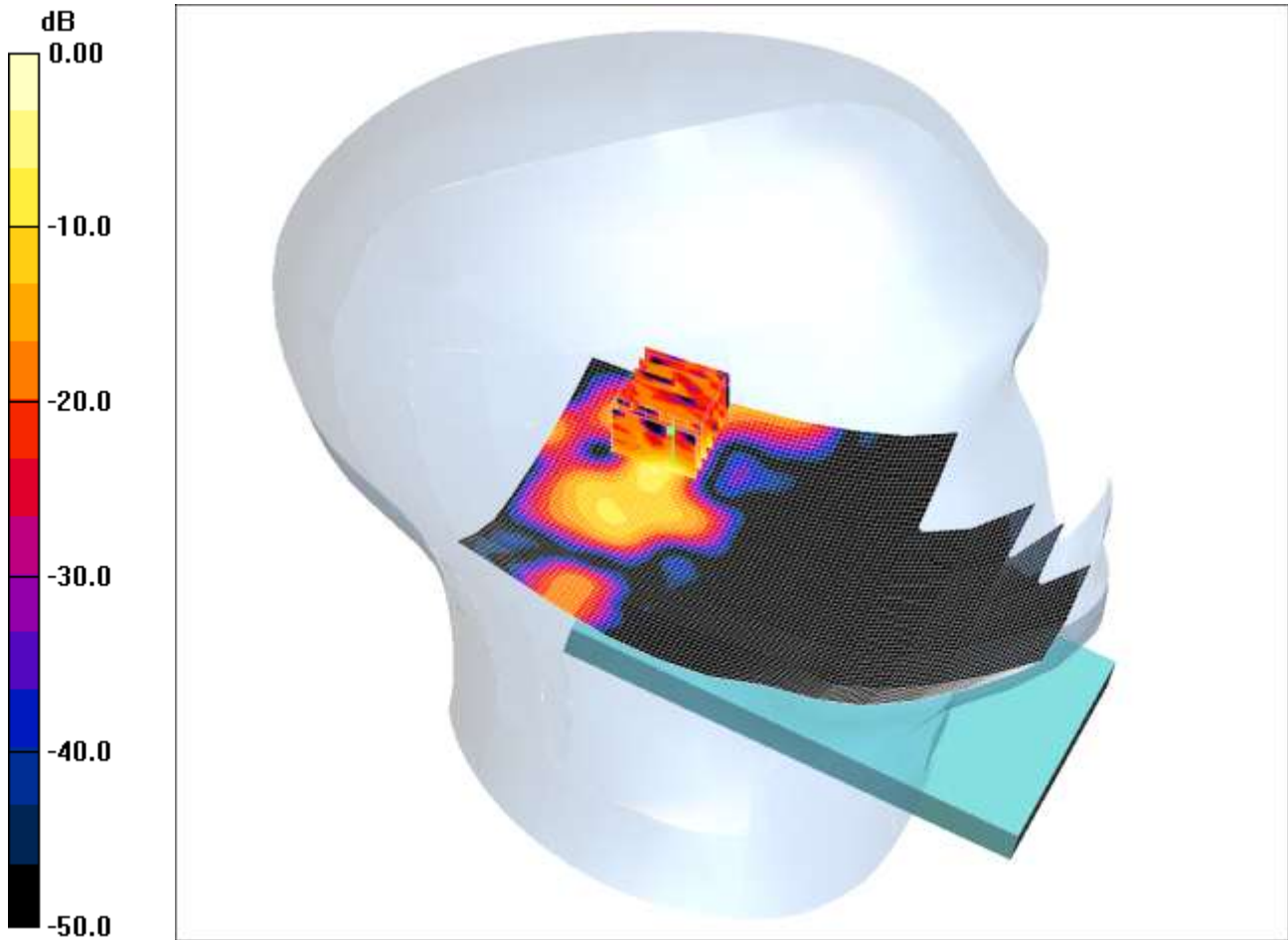
**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.198 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/317: Tilt Left 802.11a 6Mbps CH48

Date: 17/12/12



0 dB = 0.231mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.77$  mho/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

**Tilt Left - Middle/Zoom Scan (7x7x9) 2 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.92 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.019 mW/g**

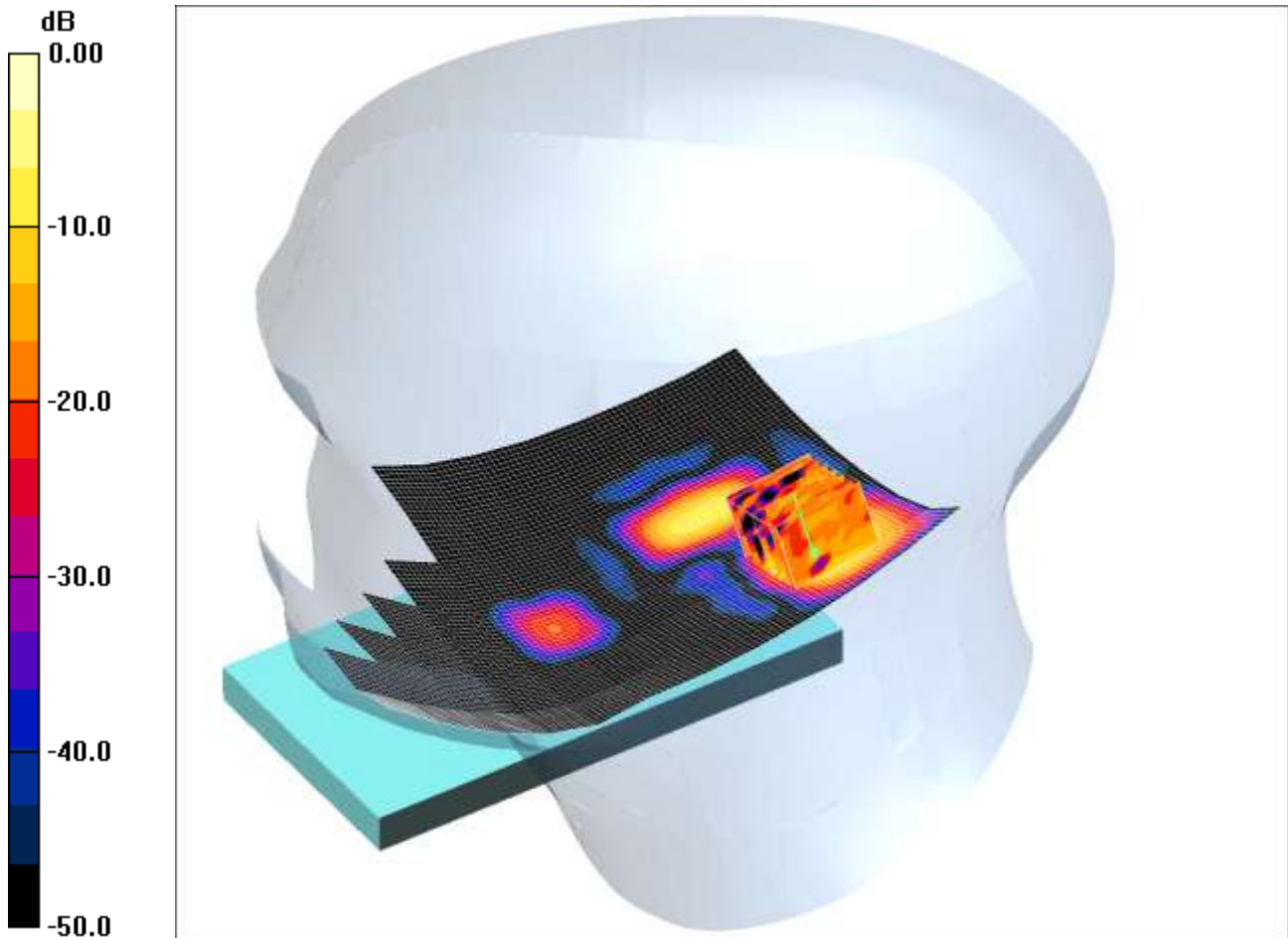
Maximum value of SAR (measured) = 0.231 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/318: Touch Right 802.11a 6Mbps CH48

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.116mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.77$  mho/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Touch Right - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.104 mW/g

**Touch Right - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.53 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.015 mW/g**

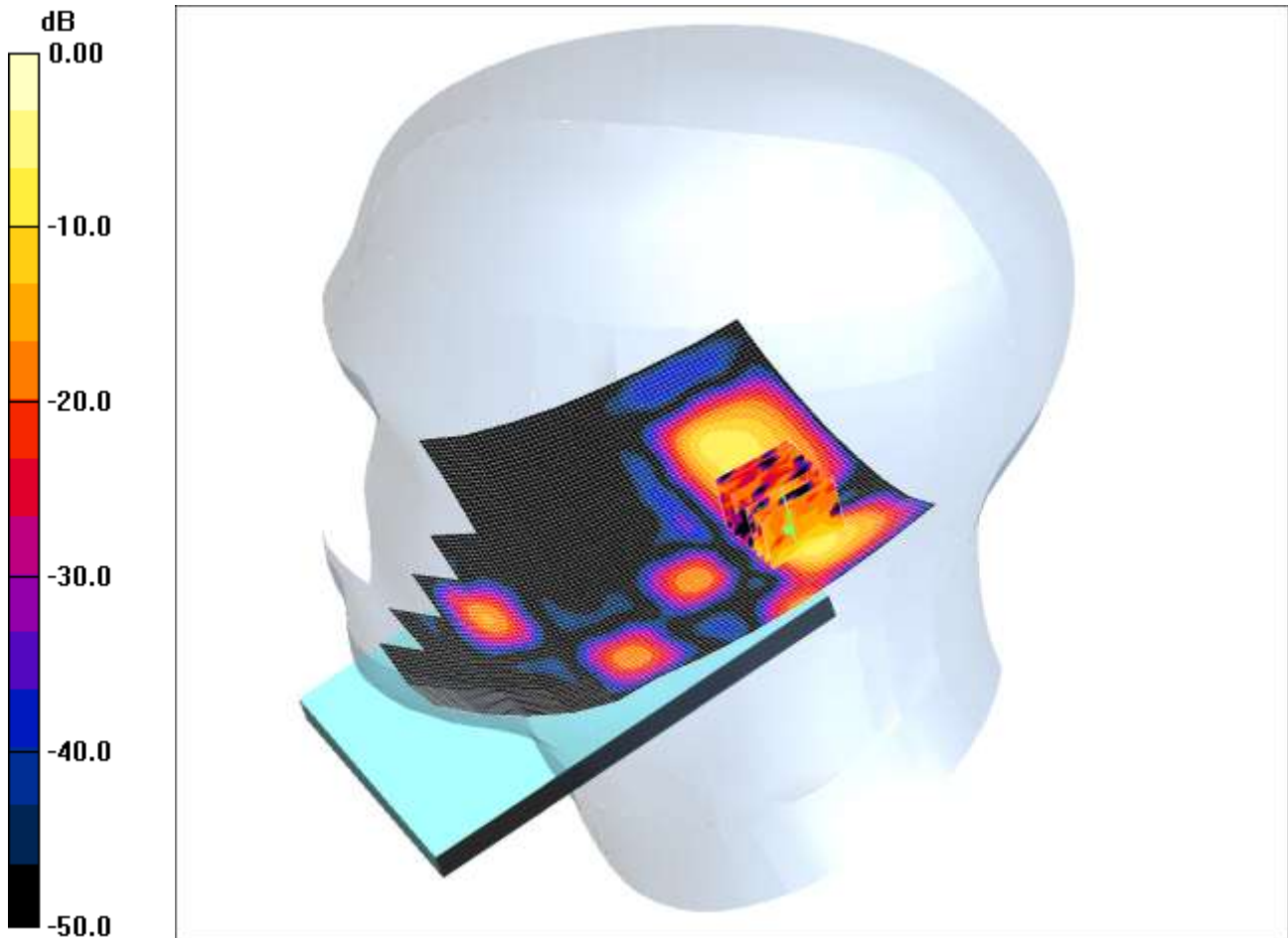
Maximum value of SAR (measured) = 0.116 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/319: Tilt Right 802.11a 6Mbps CH48

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.145mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.77$  mho/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Right - Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.071 mW/g

**Tilt Right - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.62 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.017 mW/g**

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

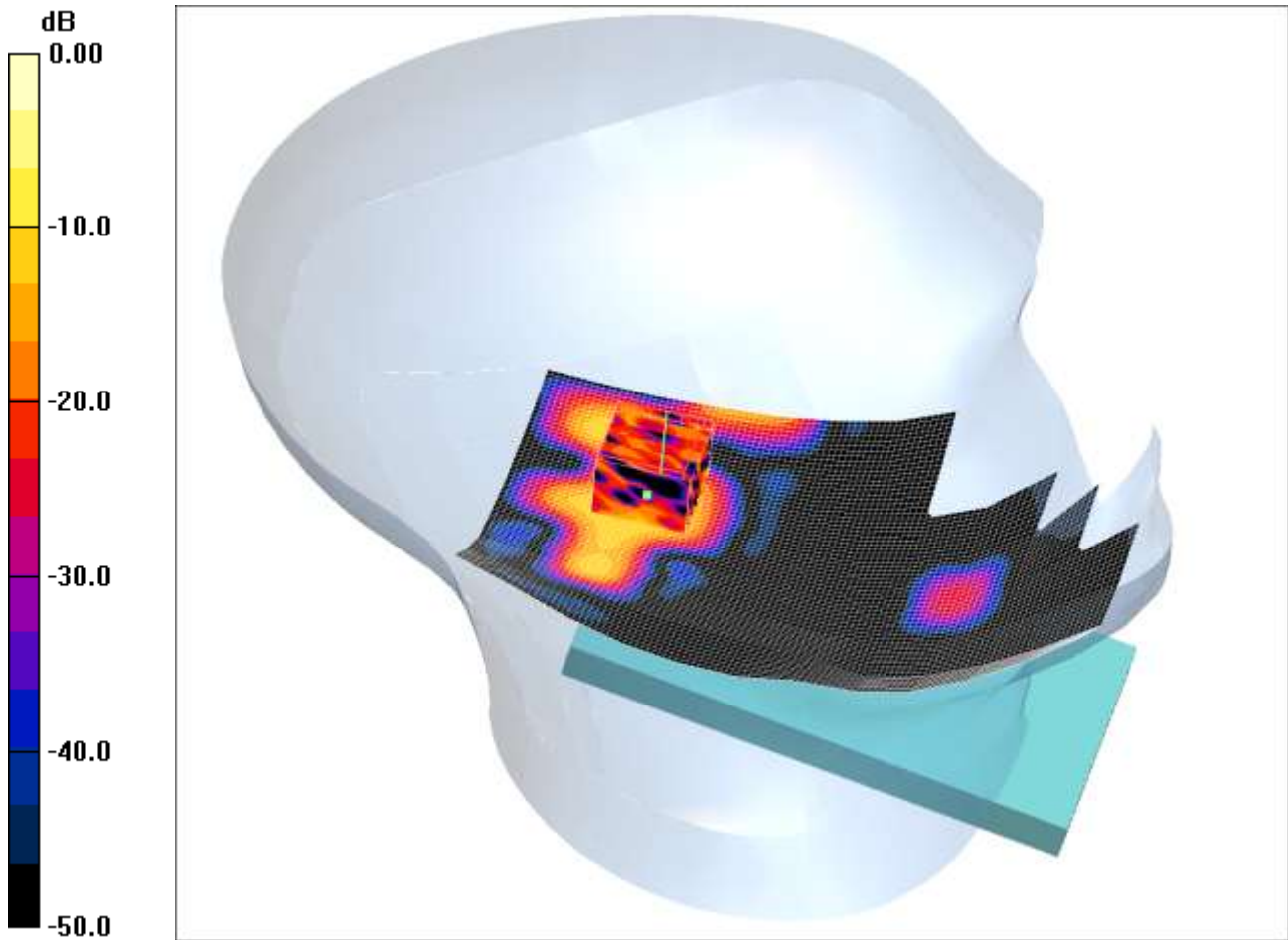
**Note: SAR level measured is very low as equivalent to noise floor.**



SCN/90893JD02/320: Tilt Left 802.11a 6Mbps CH64

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.236mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 4.83$  mho/m;  $\epsilon_r = 34.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.89 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.421 W/kg

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.015 mW/g**

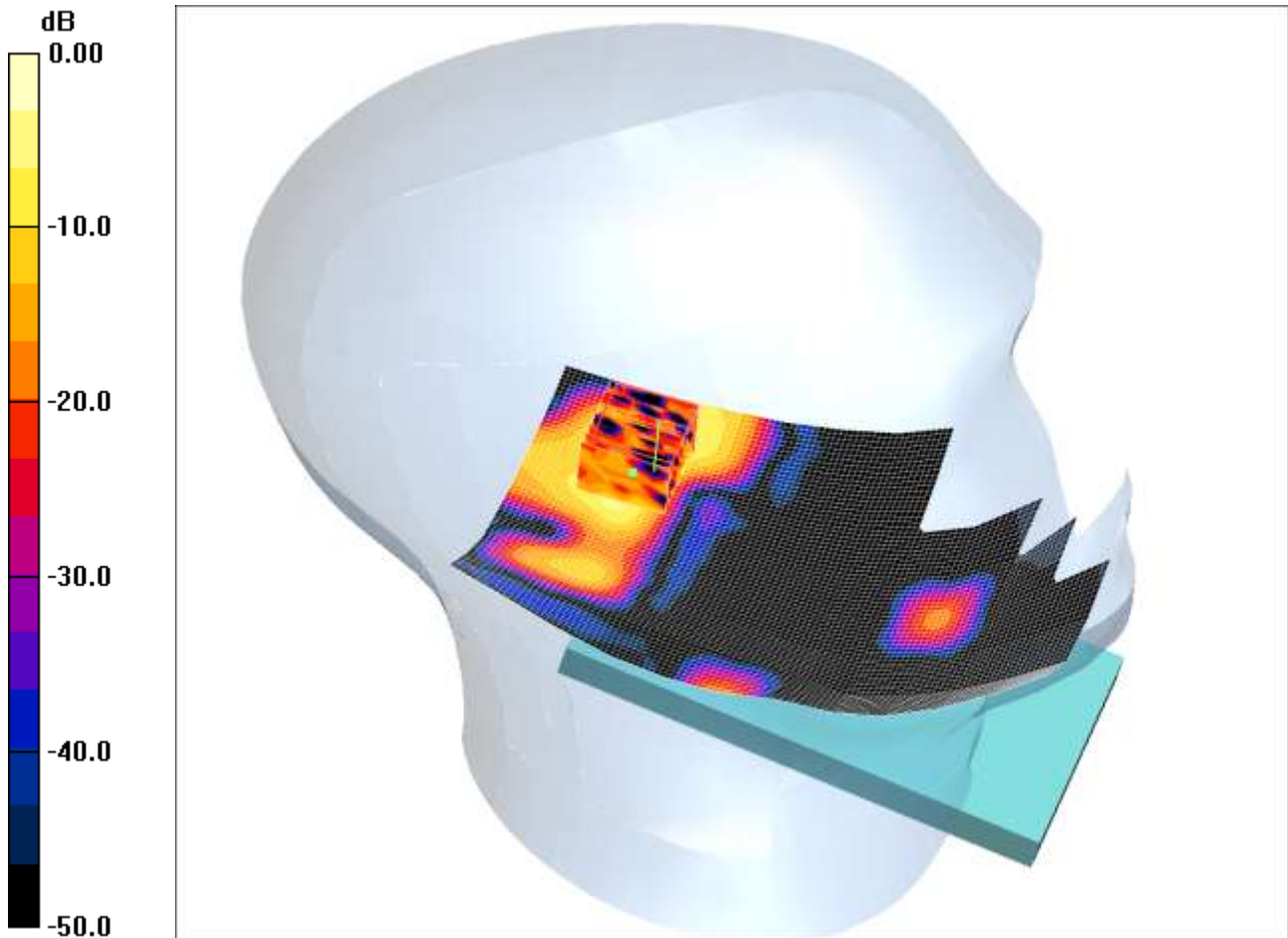
Maximum value of SAR (measured) = 0.236 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/321: Tilt Left 802.11a 6Mbps CH116

Date: 17/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



Communication System: WLAN 802.11a UNII; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5580$  MHz;  $\sigma = 5.08$  mho/m;  $\epsilon_r = 34.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.26, 4.26, 4.26); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.109 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.84 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.025 mW/g**

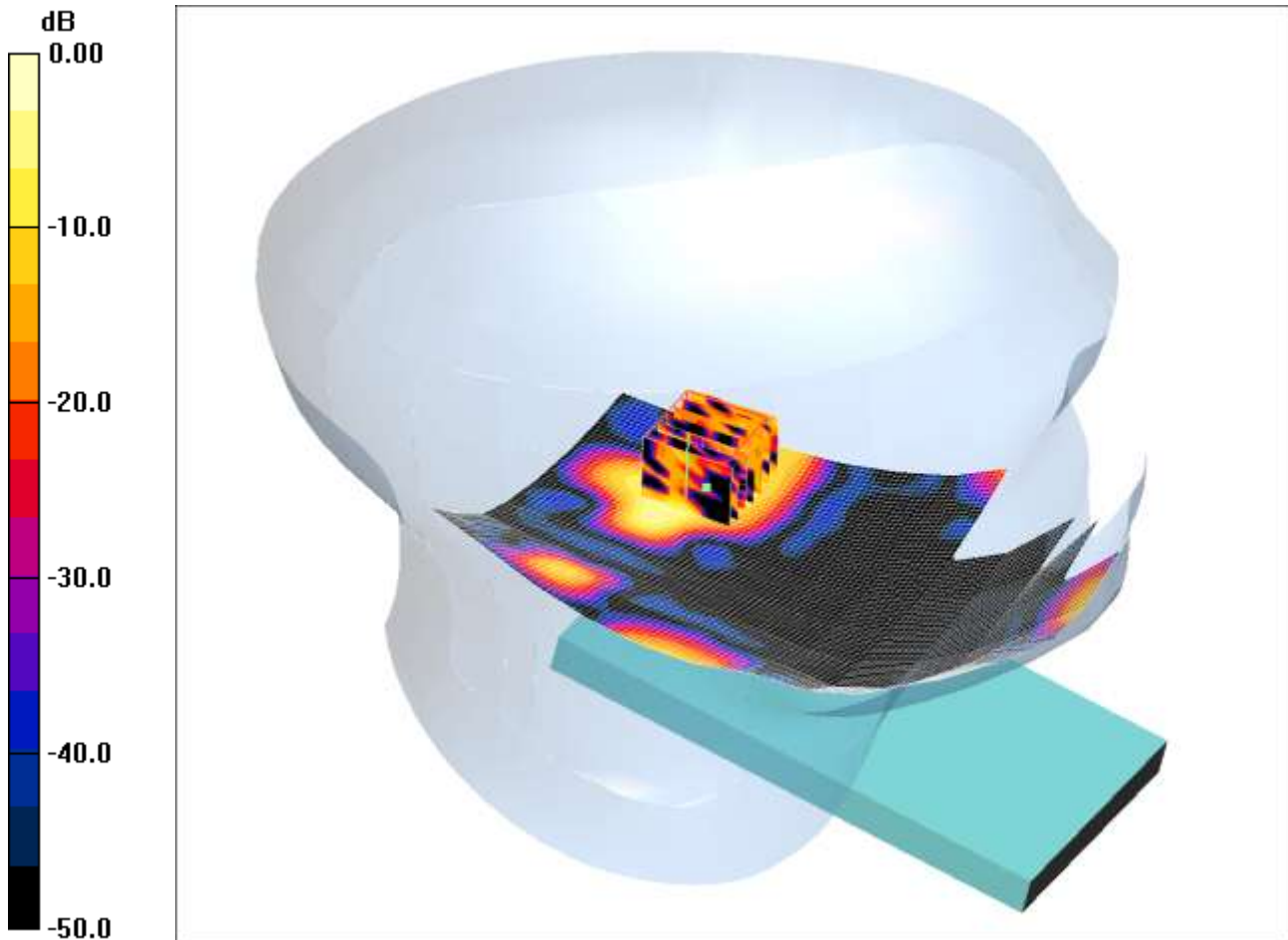
Maximum value of SAR (measured) = 0.197 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/322: Tilt Left 802.11a 6Mbps CH149

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.098mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.26$  mho/m;  $\epsilon_r = 33.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.41 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.185 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.011 mW/g**

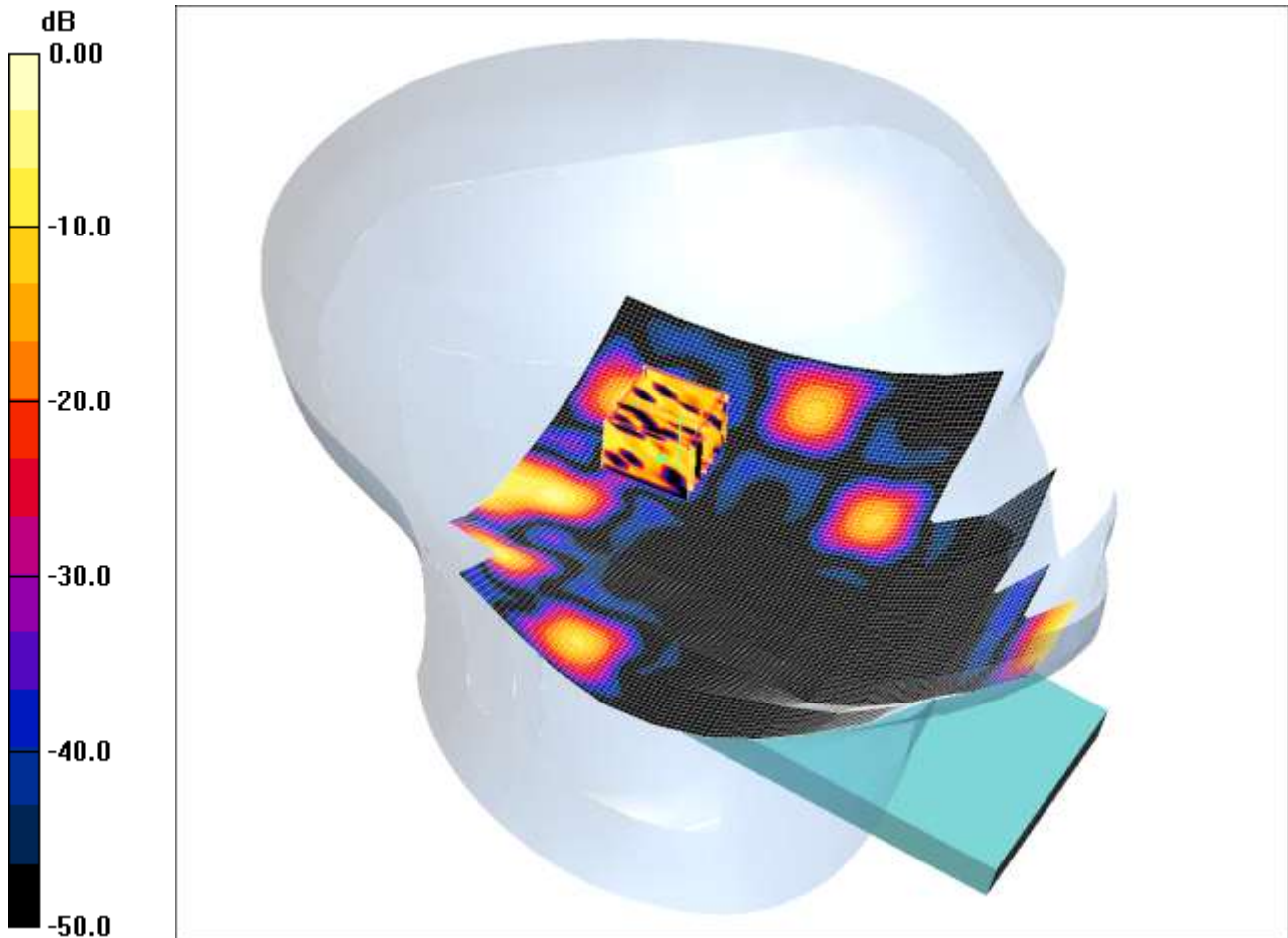
Maximum value of SAR (measured) = 0.098 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/323: Tilt Left 802.11n HT40 13.5Mbps CH38

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.024mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5190$  MHz;  $\sigma = 4.73$  mho/m;  $\epsilon_r = 34.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan 3 (101x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) 2 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.649 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.051 W/kg

**SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00176 mW/g**

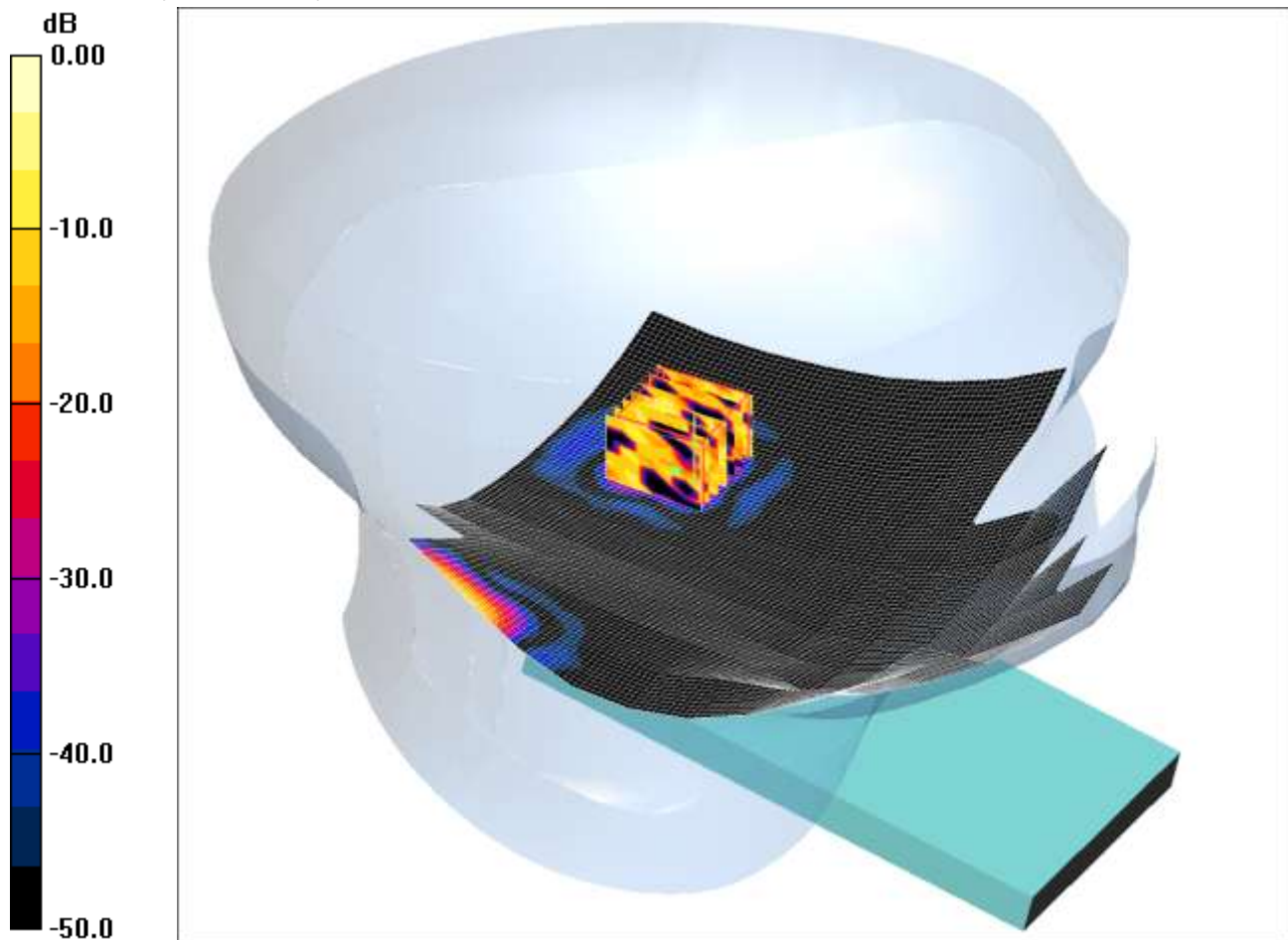
Maximum value of SAR (measured) = 0.024 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/324: Tilt Left 802.11n HT40 13.5Mbps CH54

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.028mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 4.79$  mho/m;  $\epsilon_r = 34.6$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (101x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.013 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.77 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.064 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00178 mW/g**

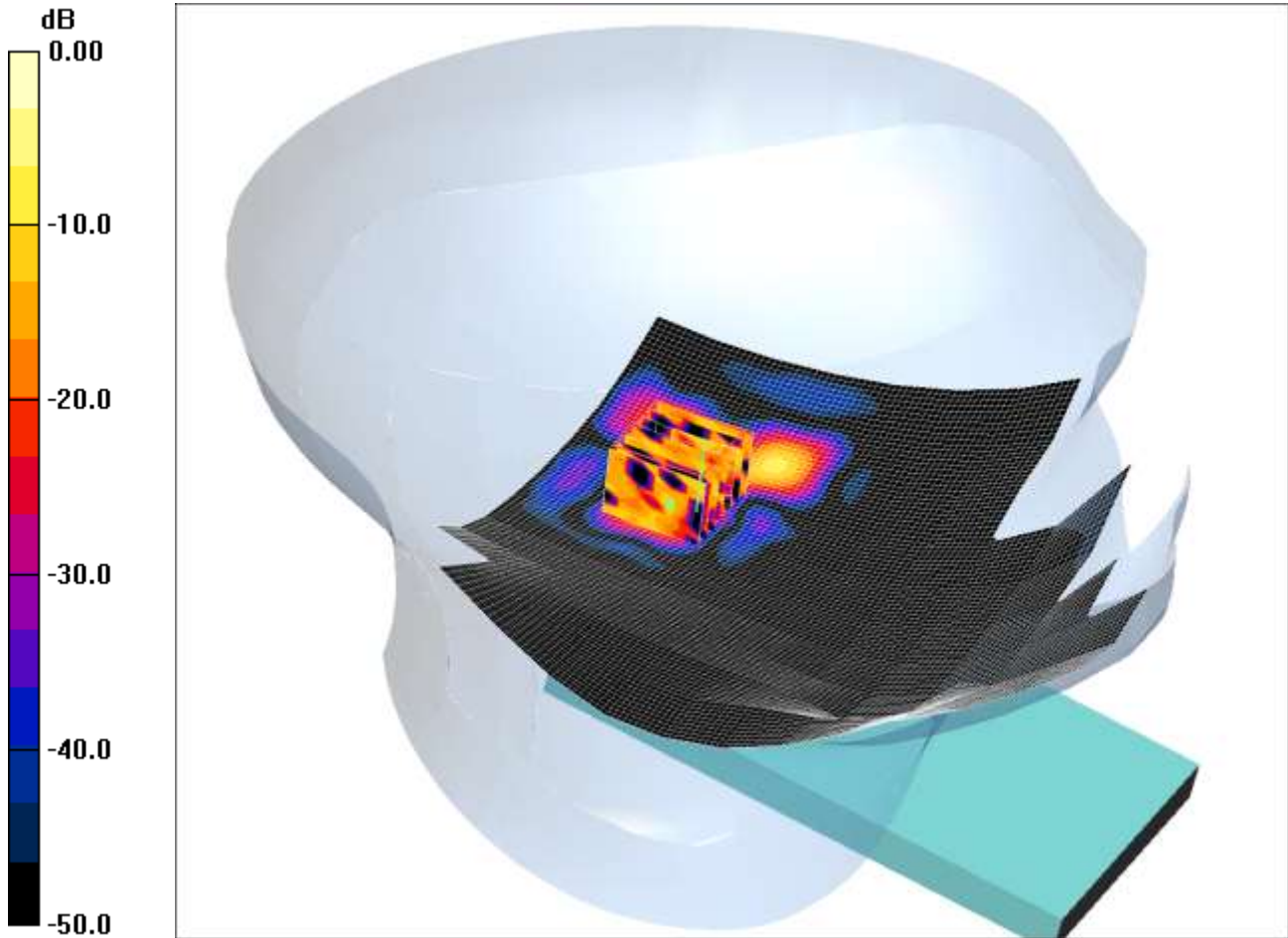
Maximum value of SAR (measured) = 0.028 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/325: Tilt Left 802.11n HT40 13.5Mbps CH110

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.059mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5550 \text{ MHz}$ ;  $\sigma = 5.04 \text{ mho/m}$ ;  $\epsilon_r = 34.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (101x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.024 mW/g

**Tilt Left- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value = 2.83 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.106 W/kg

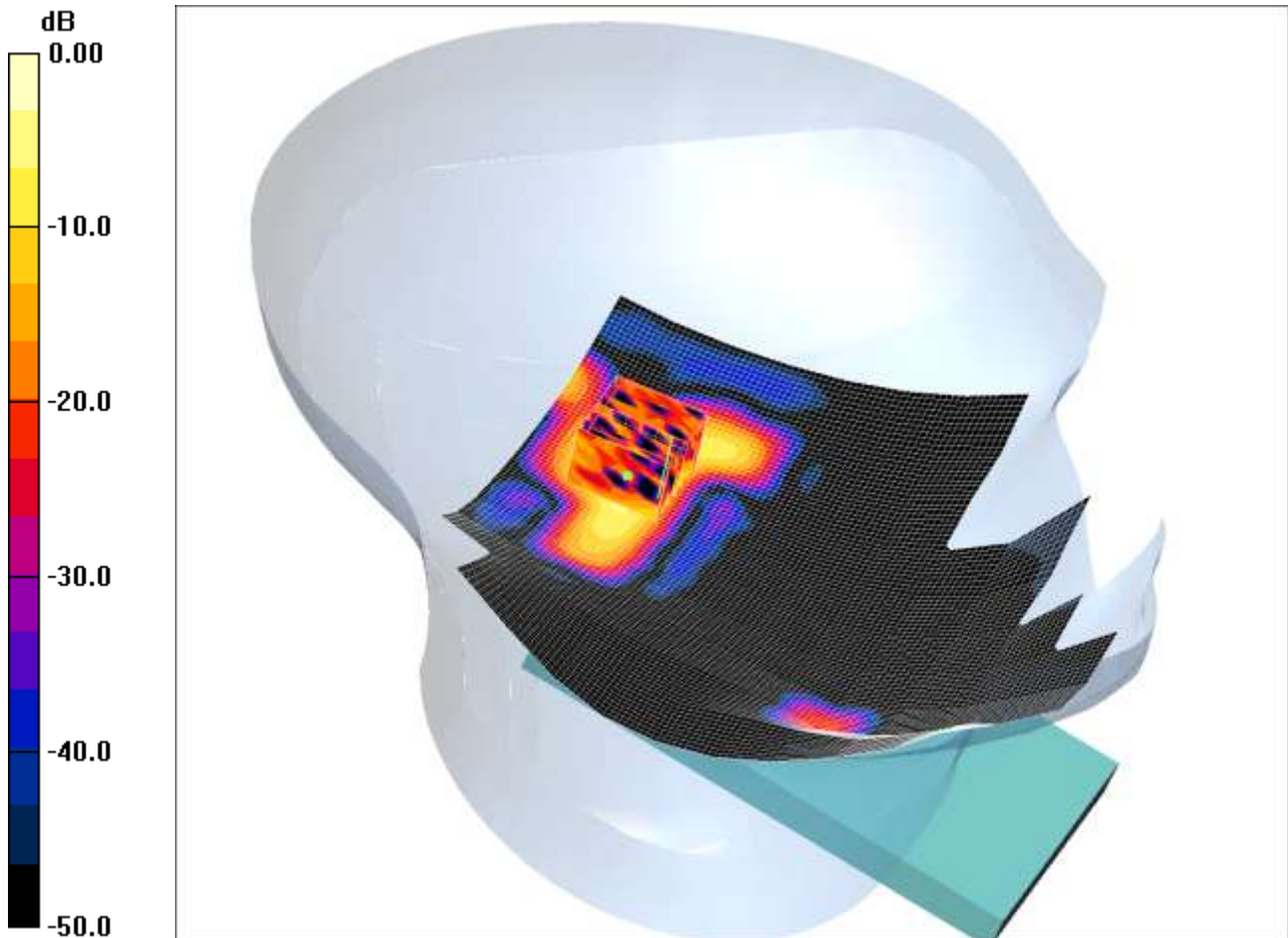
**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00579 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

SCN/90893JD02/326: Tilt Left 802.11n HT40 13.5Mbps CH159

Date: 18/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.175mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5795 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500 MHz HSL Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 33.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Tilt Left- Middle/Area Scan (101x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Tilt Left- Middle/ZOOM Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.35 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.022 mW/g**

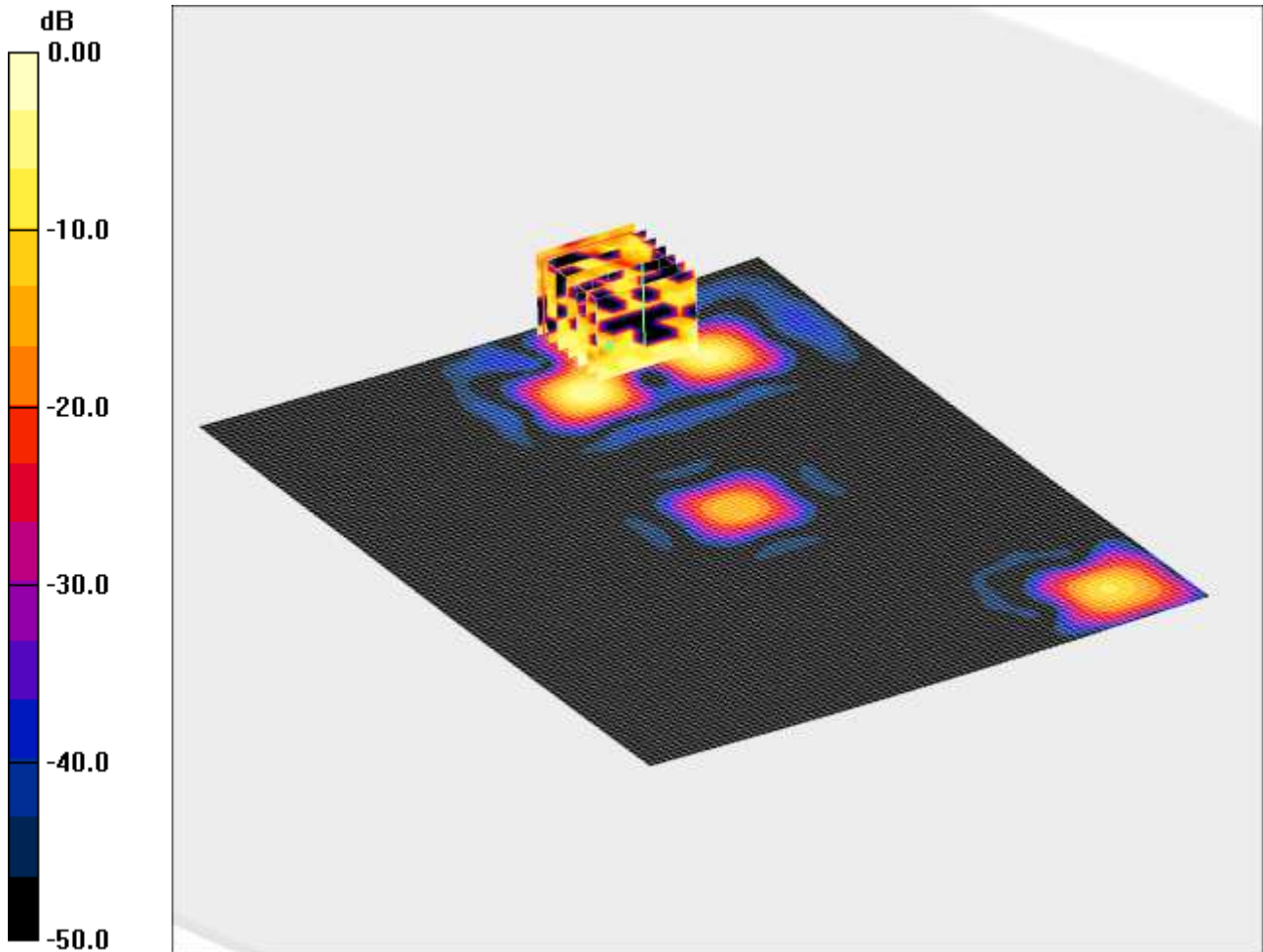
Maximum value of SAR (measured) = 0.175 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/327: Front of EUT Facing Phantom 802.11a 6Mbps CH48

Date: 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.022mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Front of EUT Facing Phantom- Middle/Area Scan 3 (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.014 mW/g

**Front of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.23 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.079 W/kg

**SAR(1 g) = 0.00888 mW/g; SAR(10 g) = 0.00254 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g

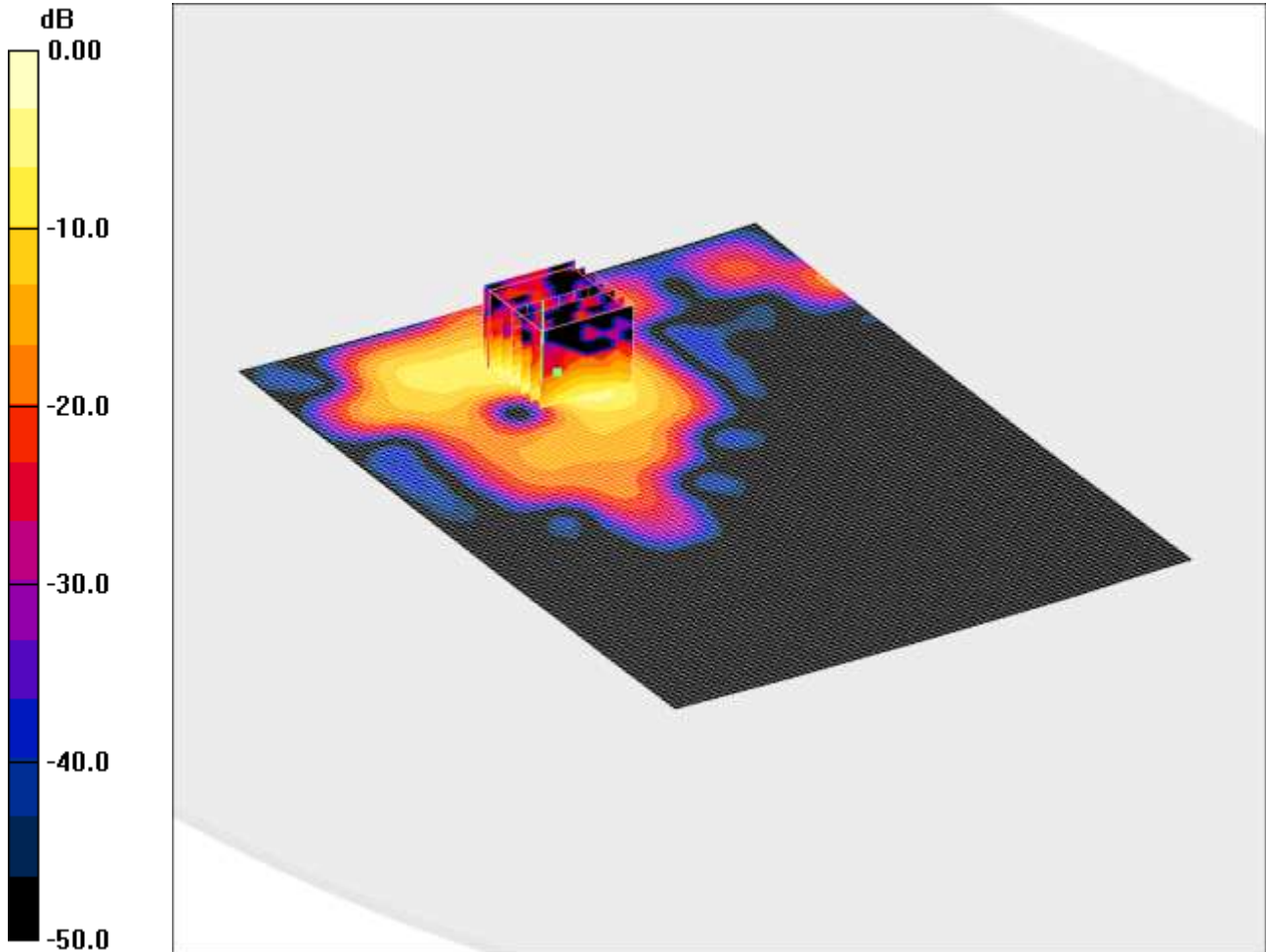
**Note: SAR level measured is very low as equivalent to noise floor.**



SCN/90893JD02/328: Back of EUT Facing Phantom 802.11a 6Mbps CH48

Date: 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.553mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom- Middle/Area Scan 3 (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

**Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=2.5mm

Reference Value = 1.55 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.920 W/kg

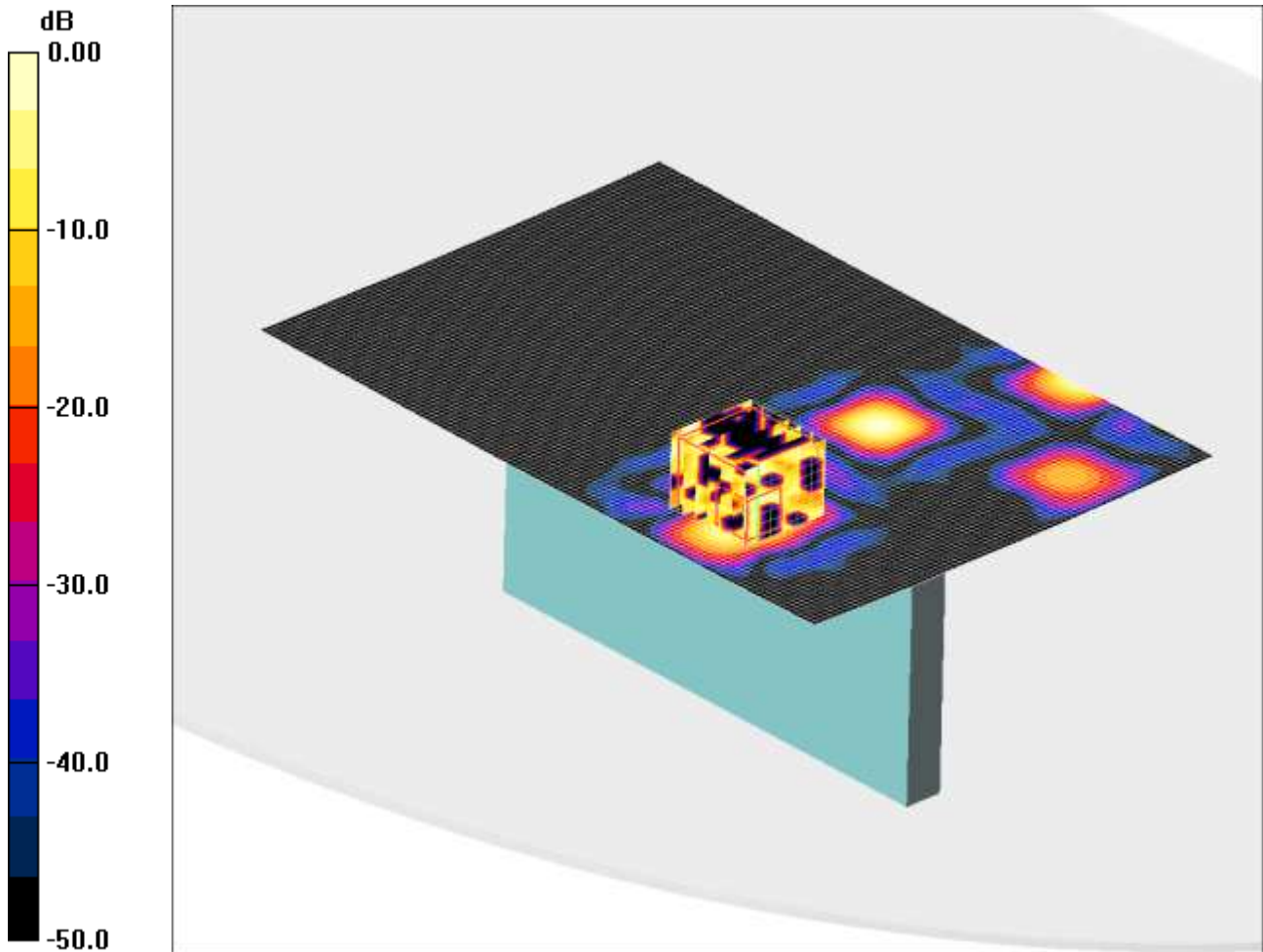
**SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.553 mW/g

SCN/90893JD02/329: Left Hand Side of EUT Facing Phantom 802.11a 6Mbps CH48

Date: 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.012mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 48.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Left Hand Side of EUT Facing Phantom- Middle/Area Scan 3 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

**Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.666 V/m; Power Drift = -0.358 dB

Peak SAR (extrapolated) = 0.00 W/kg

**SAR(1 g) = 2.66e-005 mW/g; SAR(10 g) = 2.13e-006 mW/g**

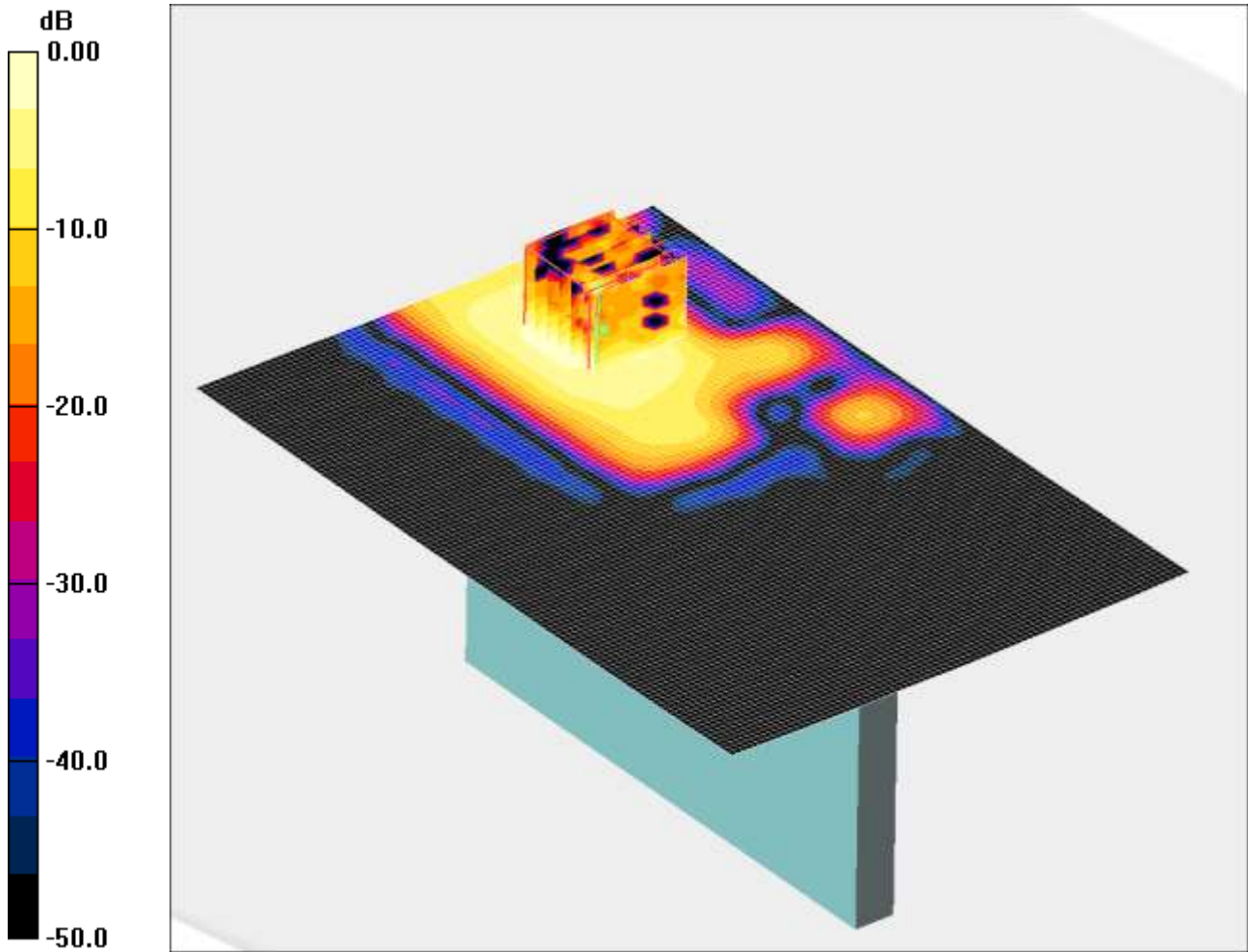
Maximum value of SAR (measured) = 0.012 mW/g

**Note: SAR level measured is very low as equivalent to noise flow.**

SCN/90893JD02/330: Right Hand Side of EUT Facing Phantom 802.11a 6Mbps CH48

Date: 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.094mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Right Hand Side of EUT Facing Phantom- Middle/Area Scan 3 (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.090 mW/g

**Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.88 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.330 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.015 mW/g**

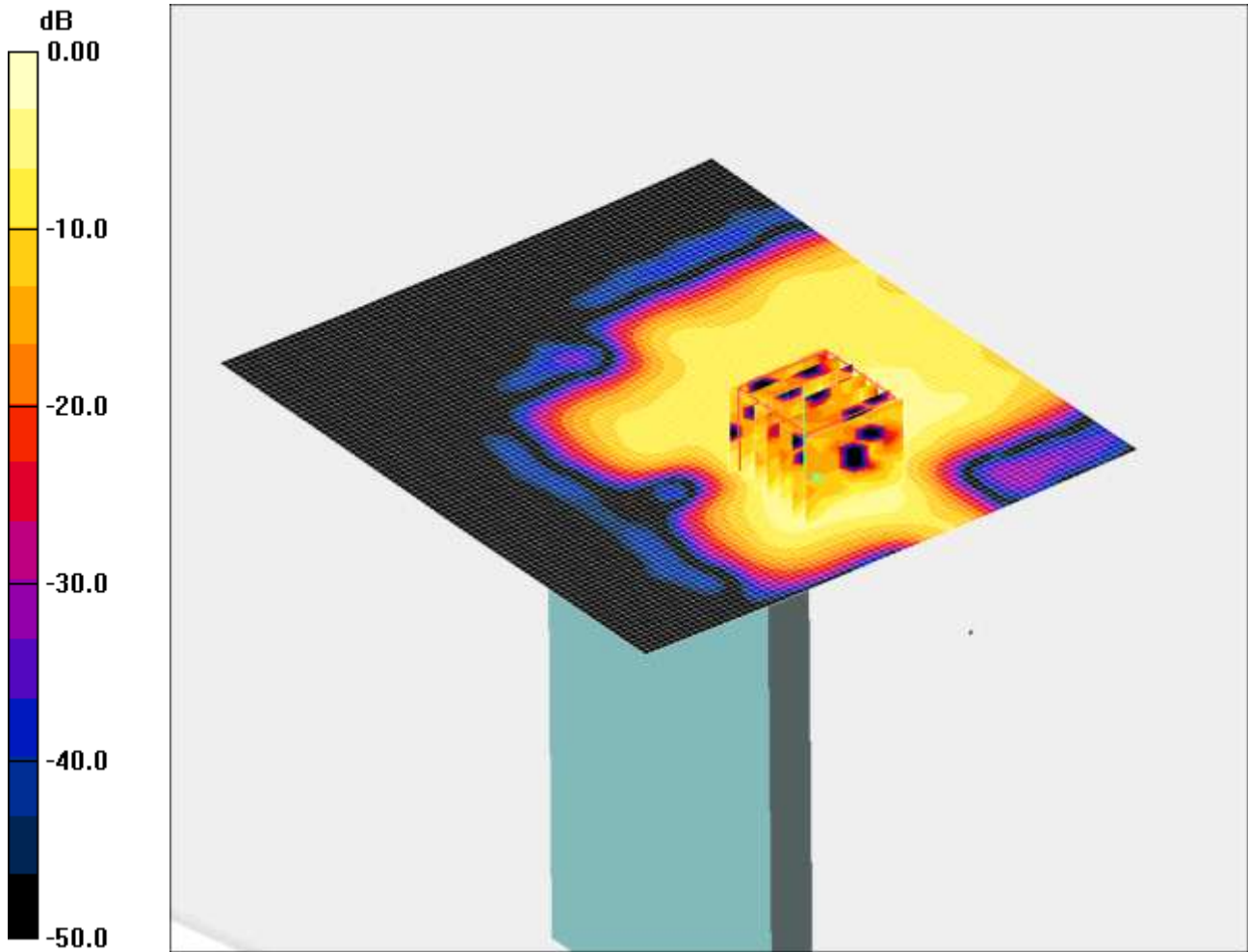
Maximum value of SAR (measured) = 0.094 mW/g

**Note: SAR level measured is very low as equivalent to noise flow.**

SCN/90893JD02/331: Top of EUT Facing Phantom 802.11a 6Mbps CH48

Date: 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.083mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Top of EUT Facing Phantom- Middle/Area Scan 3 (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.066 mW/g

**Top of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.21 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.014 mW/g**

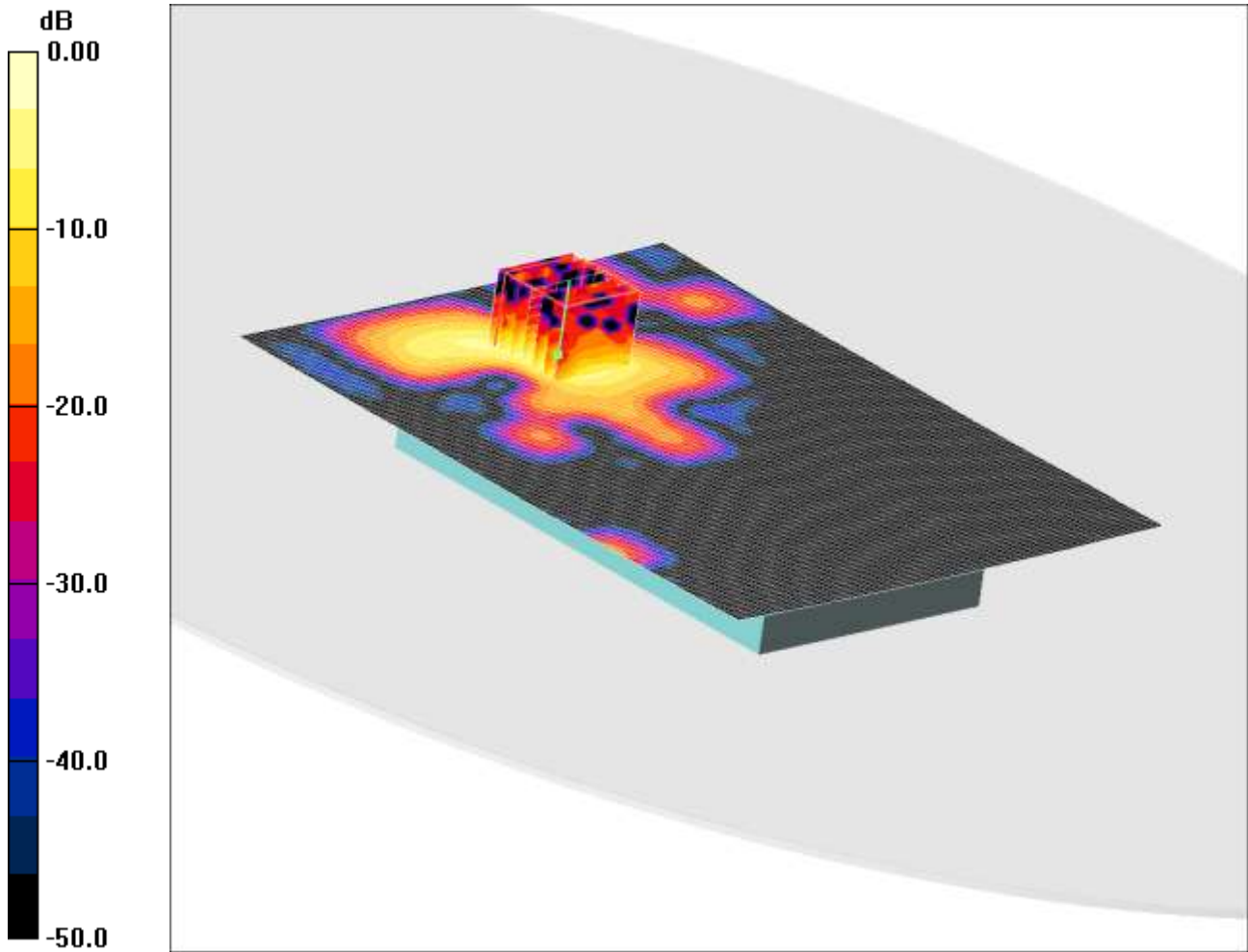
Maximum value of SAR (measured) = 0.083 mW/g

**Note: SAR level measured is very low as equivalent to noise flow.**

SCN/90893JD02/332: Back of EUT Facing Phantom 802.11a 6Mbps CH64

Date 13/12/2012

DUT: Sony Odin Rex; Type: Odin Rex



0 dB = 0.565mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 5.56$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan 3 2 (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.483 mW/g

**Back of EUT Facing Phantom/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.20 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.990 W/kg

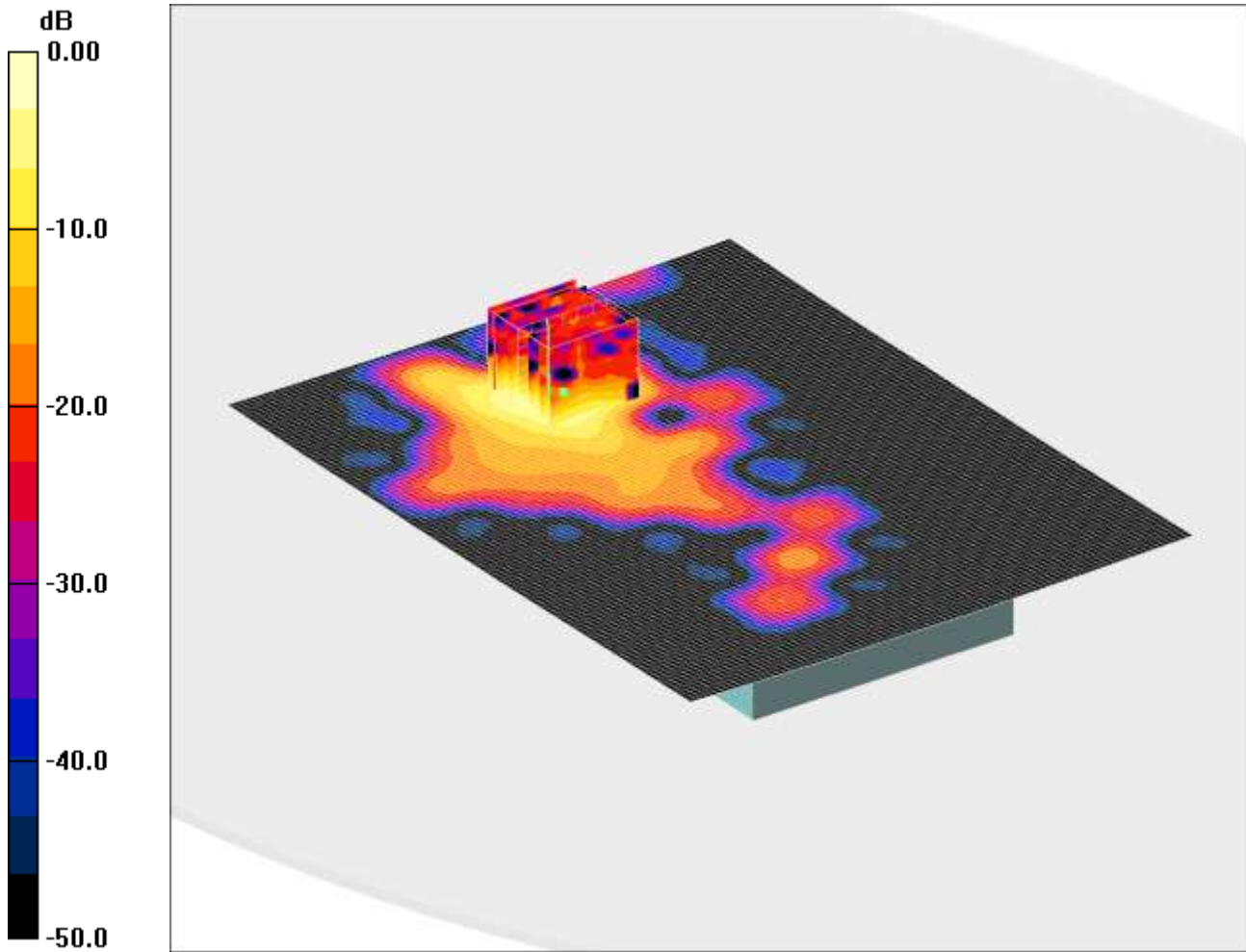
**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.565 mW/g

SCN/90893JD02/333: Back of EUT Facing Phantom 802.11a 6Mbps CH136

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.733mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5680$  MHz;  $\sigma = 5.92$  mho/m;  $\epsilon_r = 46.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.71, 3.71, 3.71); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan 3 2 (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 mW/g

**Back of EUT Facing Phantom/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.25 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.42 W/kg

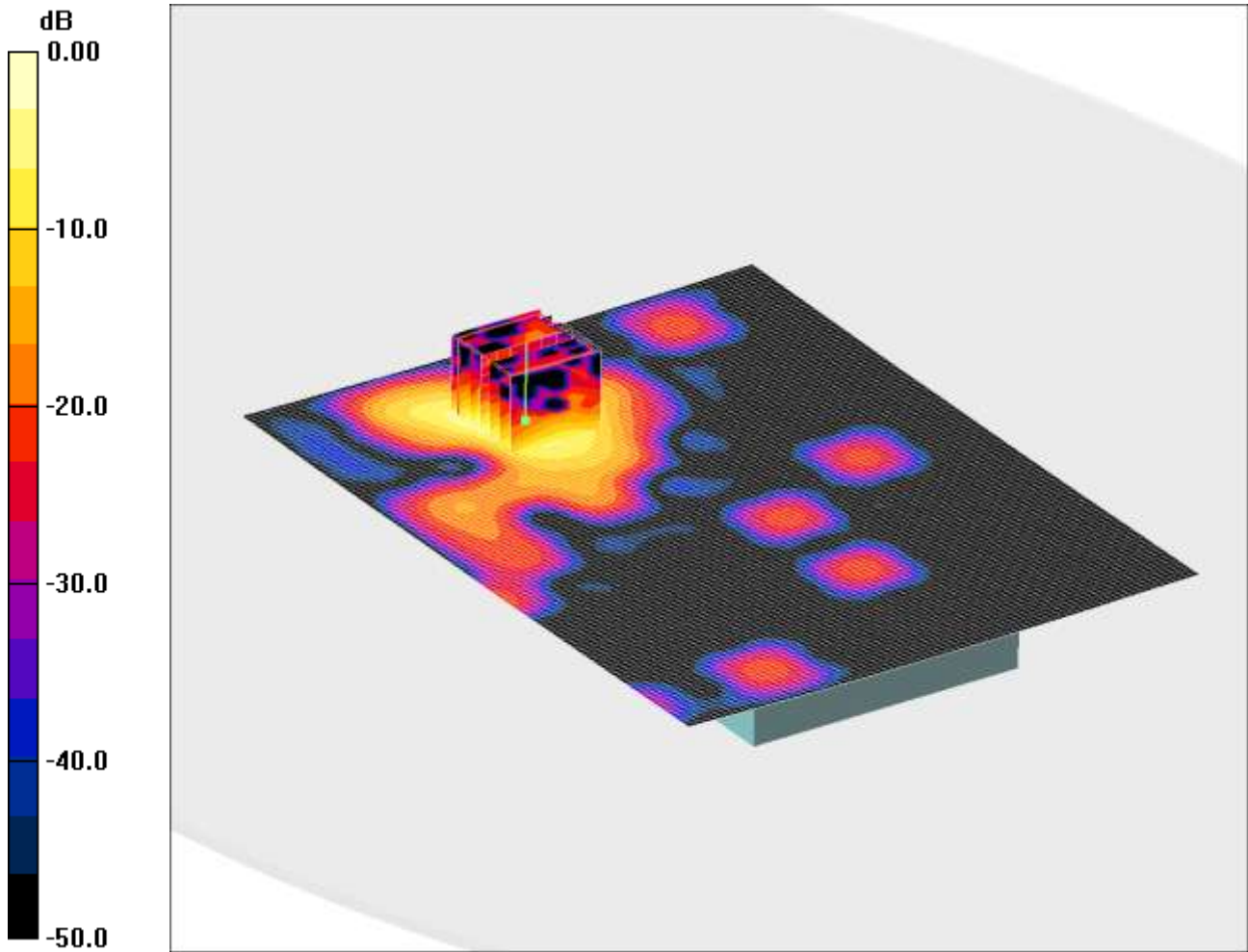
**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.733 mW/g

SCN/90893JD02/334: Back of EUT Facing Phantom 802.11a 6Mbps CH149

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.767mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 46.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan 3 2 (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.702 mW/g

**Back of EUT Facing Phantom/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.63 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.33 W/kg

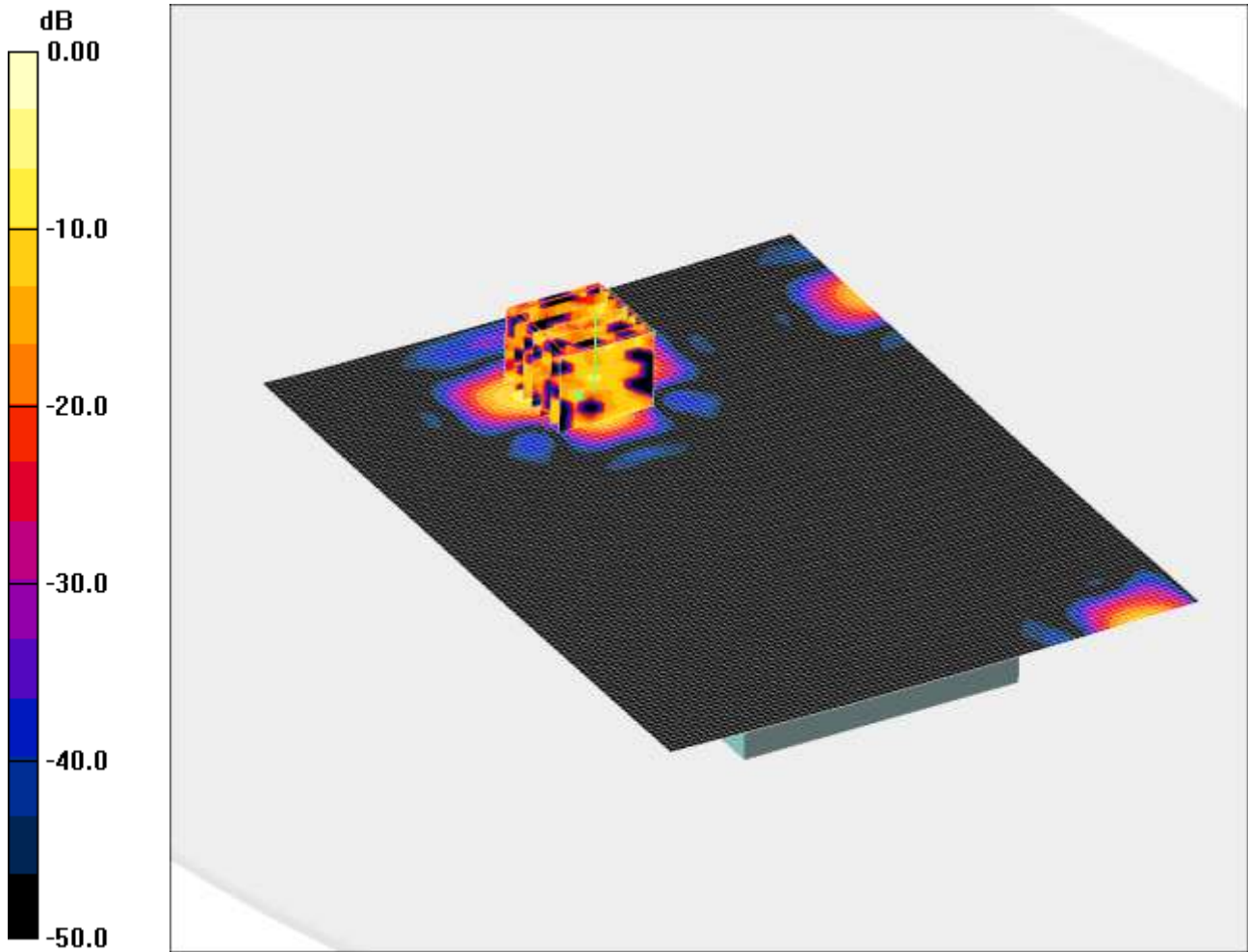
**SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g

SCN/90893JD02/335: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH38

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.061mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5190$  MHz;  $\sigma = 5.35$  mho/m;  $\epsilon_r = 47.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.035 mW/g

**Back of EUT Facing Phantom/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.827 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00466 mW/g**

Maximum value of SAR (measured) = 0.061 mW/g

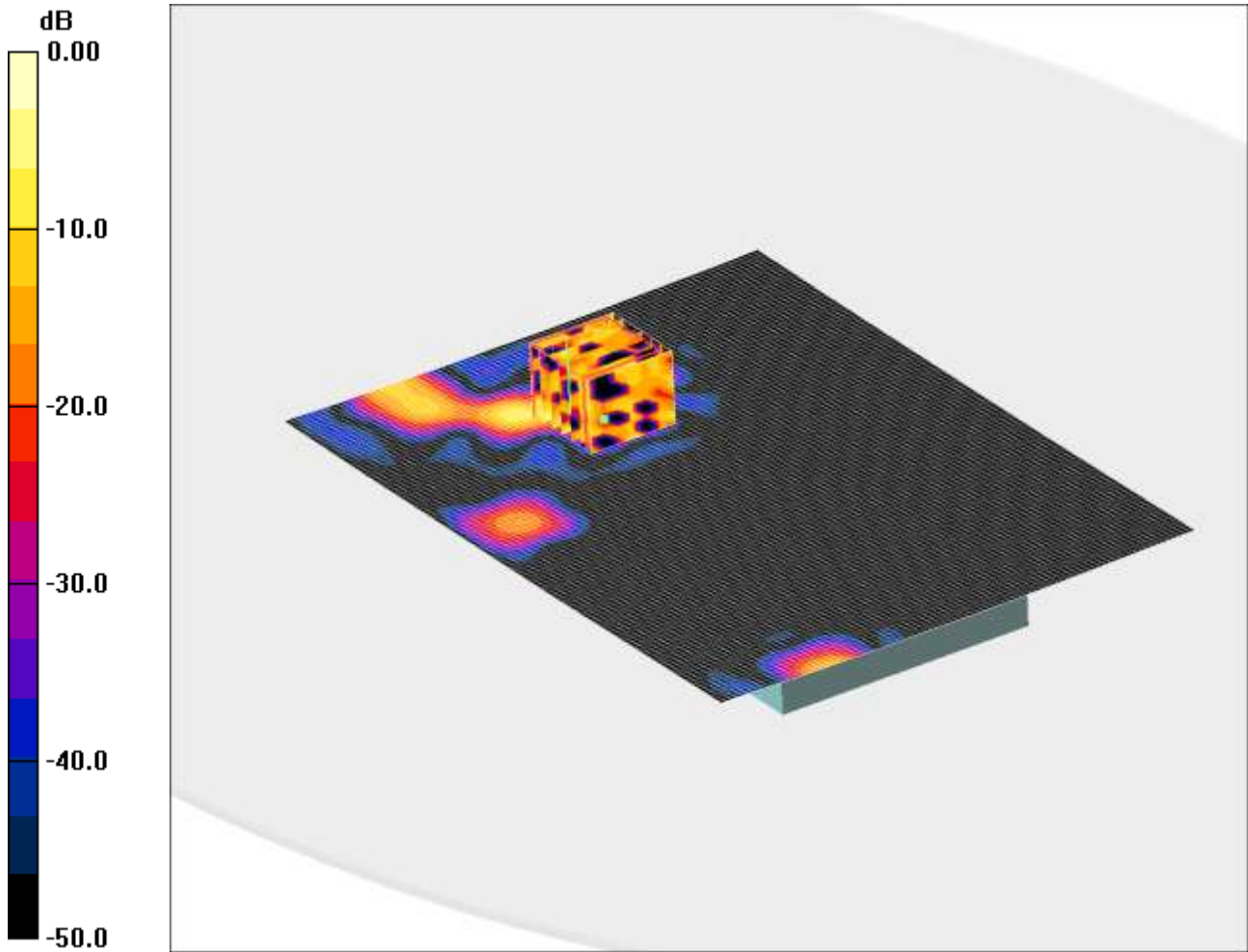
**Note: SAR level measured is very low as equivalent to noise floor.**



SCN/90893JD02/336: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH54

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.066mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.46$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom/Area Scan (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.027 mW/g

**Back of EUT Facing Phantom/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.667 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.00557 mW/g**

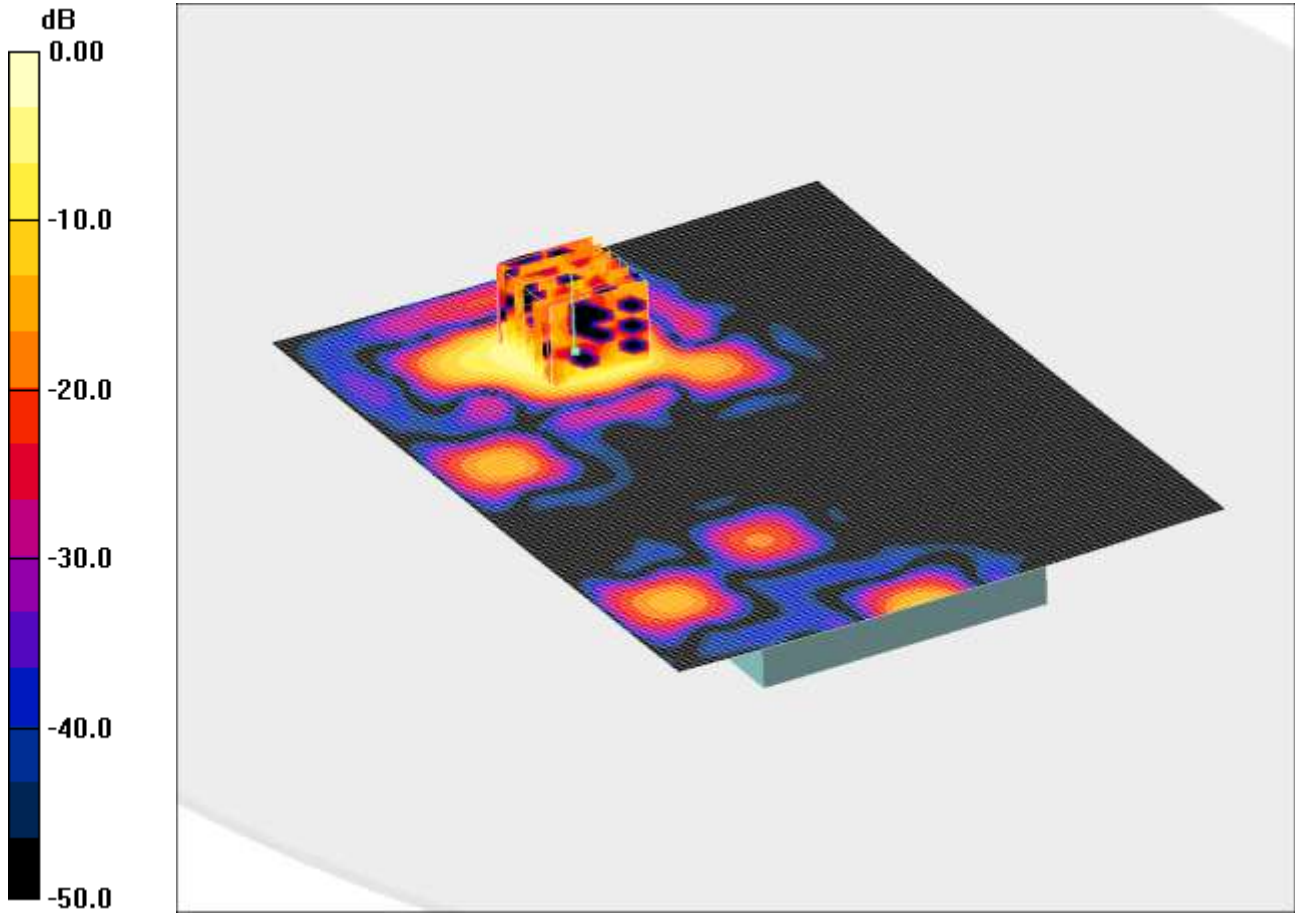
Maximum value of SAR (measured) = 0.066 mW/g

**Note: SAR level measured is very low as equivalent to noise flow.**

SCN/90893JD02/337: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH110

Date: 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.157mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5550 \text{ MHz}$ ;  $\sigma = 5.8 \text{ mho/m}$ ;  $\epsilon_r = 46.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom 2/Area Scan (91x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.092 mW/g

**Back of EUT Facing Phantom 2/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value = 2.17 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.021 mW/g**

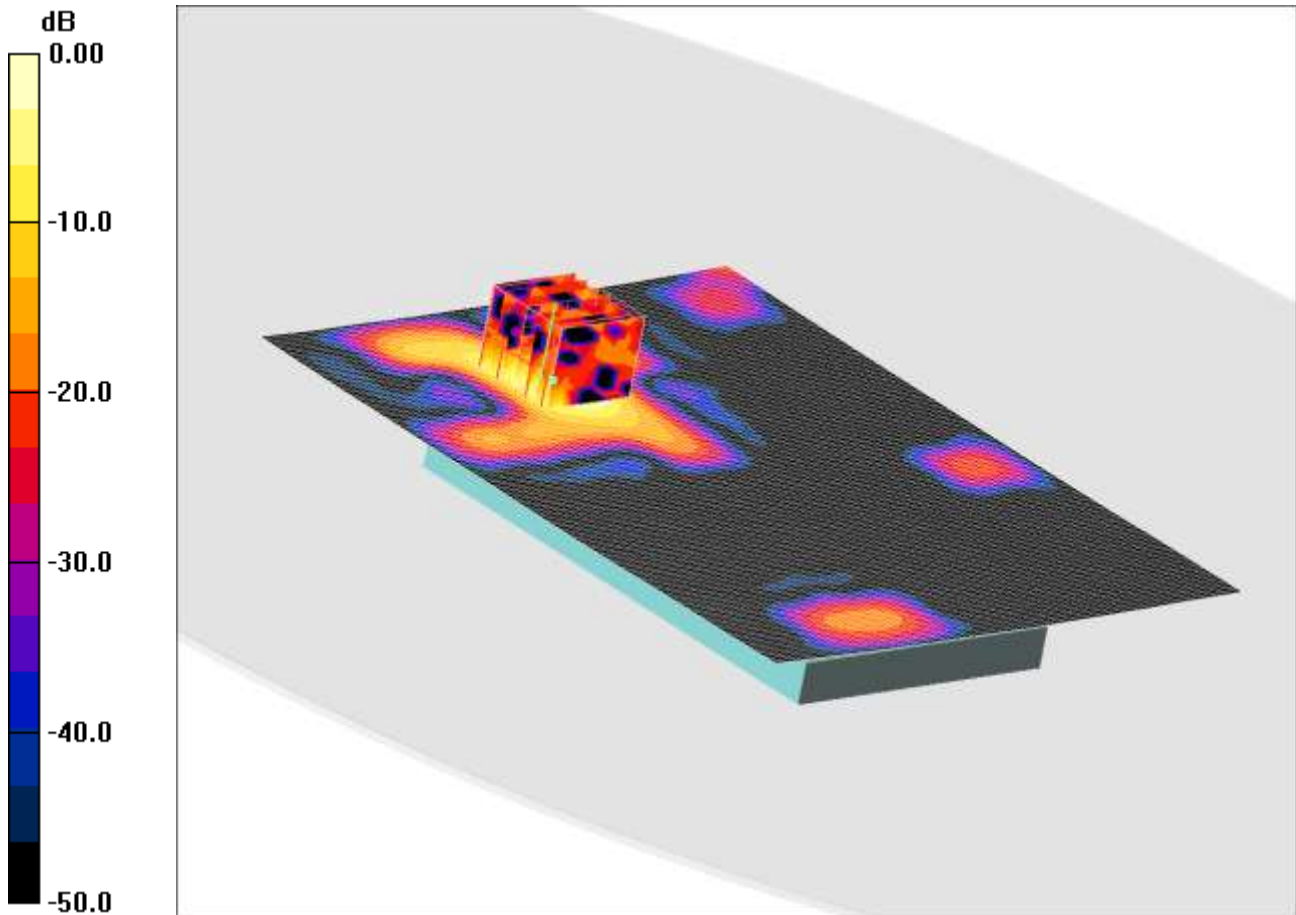
Maximum value of SAR (measured) = 0.157 mW/g

**Note: SAR level measured is very low as equivalent to noise floor.**

SCN/90893JD02/338: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH159

Date 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.531mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 6.03$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom 2/Area Scan (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.663 mW/g

**Back of EUT Facing Phantom 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.68 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.38 W/kg

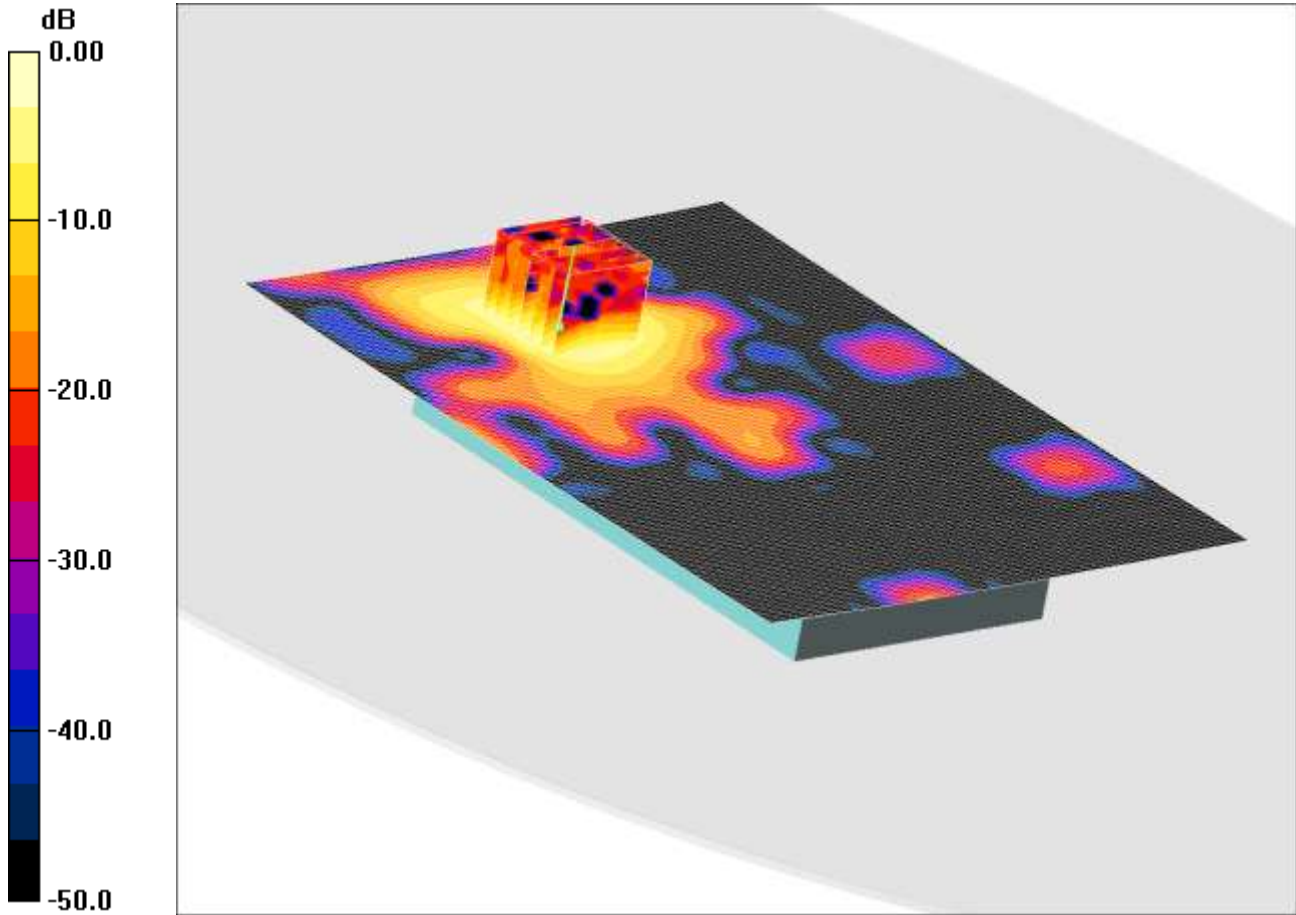
**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.531 mW/g

SCN/90893JD02/339: Back of EUT Facing Phantom at 15mm 802.11a 6Mbps CH149

Date 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.492mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 46.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom at 15mm 2/Area Scan (91x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.377 mW/g

**Back of EUT Facing Phantom at 15mm 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=2.5mm

Reference Value = 1.66 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.850 W/kg

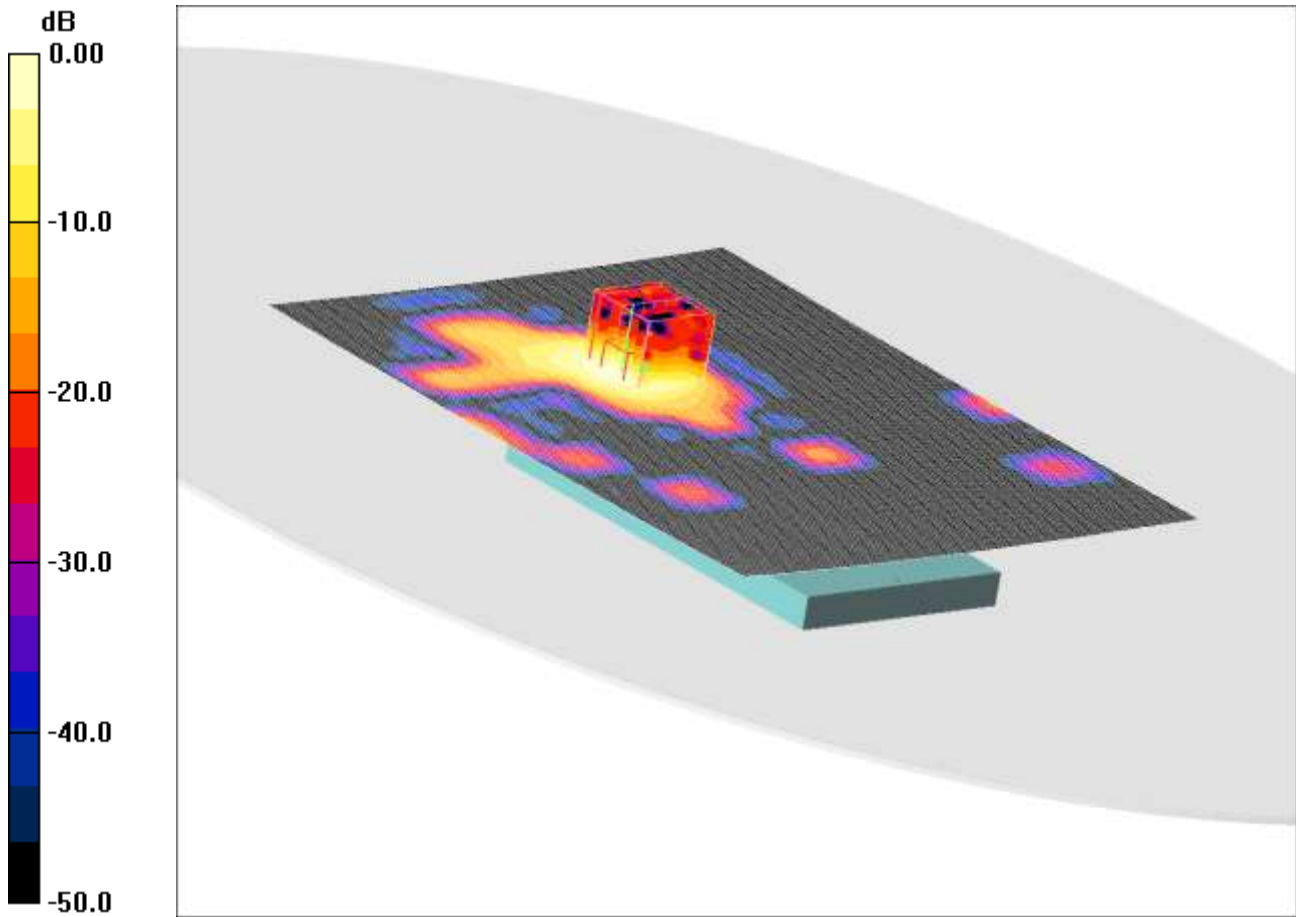
**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.492 mW/g

SCN/90893JD02/340: Back of EUT Facing Phantom with PHF at 15mm 802.11a 6Mbps CH149

Date 14/12/2012

DUT: Sony Odin Rex; Type: Odin Rex; Serial: CB5121Z4FG



0 dB = 0.592mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 46.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Back of EUT Facing Phantom with PHF at 15mm 2/Area Scan (111x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.516 mW/g

**Back of EUT Facing Phantom with PHF at 15mm 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

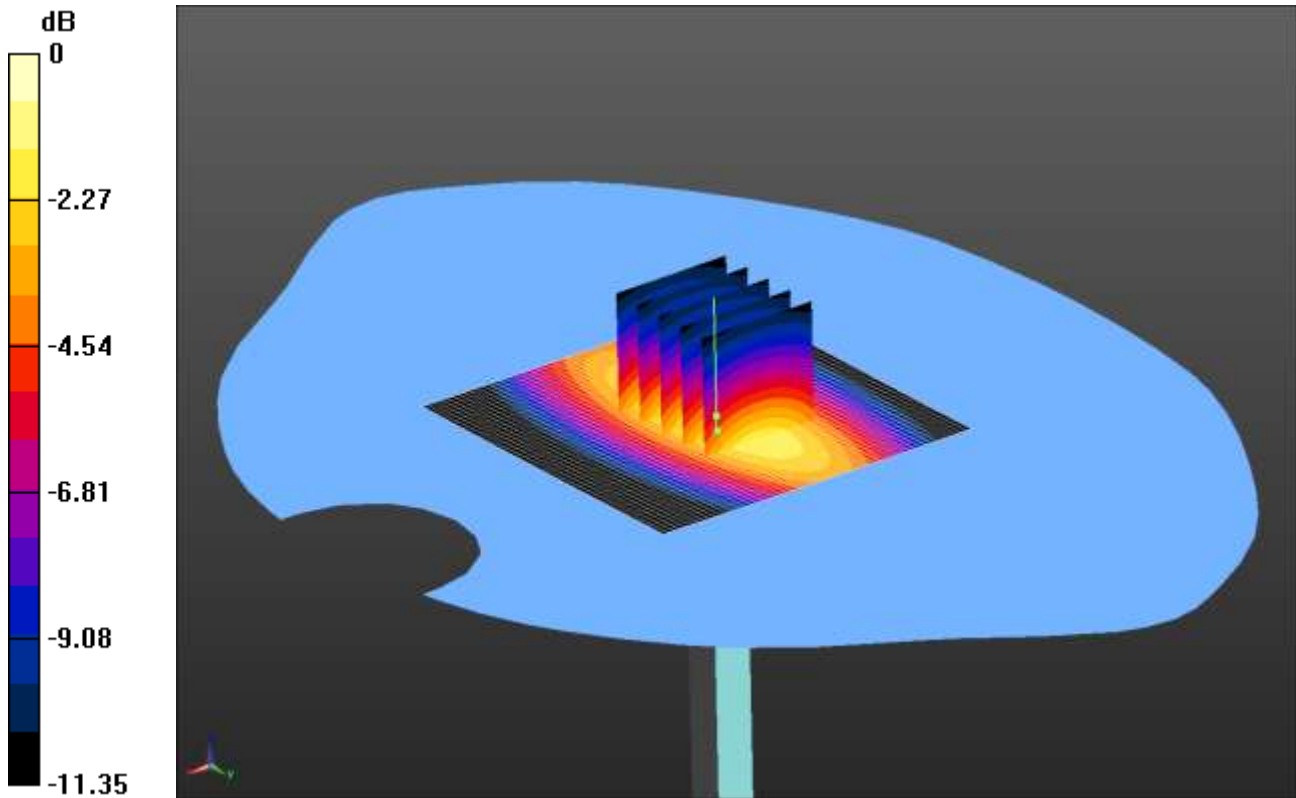
**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.592 mW/g

SCN/90893JD02/341: System Performance Check 750MHz Head 07 12 12

Date: 07/12/2012

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1011



0 dB = 3.07 W/kg = 4.87 dBW/kg

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.927 \text{ mho/m}$ ;  $\epsilon_r = 42.503$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.37, 6.37, 6.37); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.27 W/kg

**SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (21x21x36)/Cube 0:** Interpolated grid: dx=1.600 mm, dy=1.600 mm, dz=1.000 mm

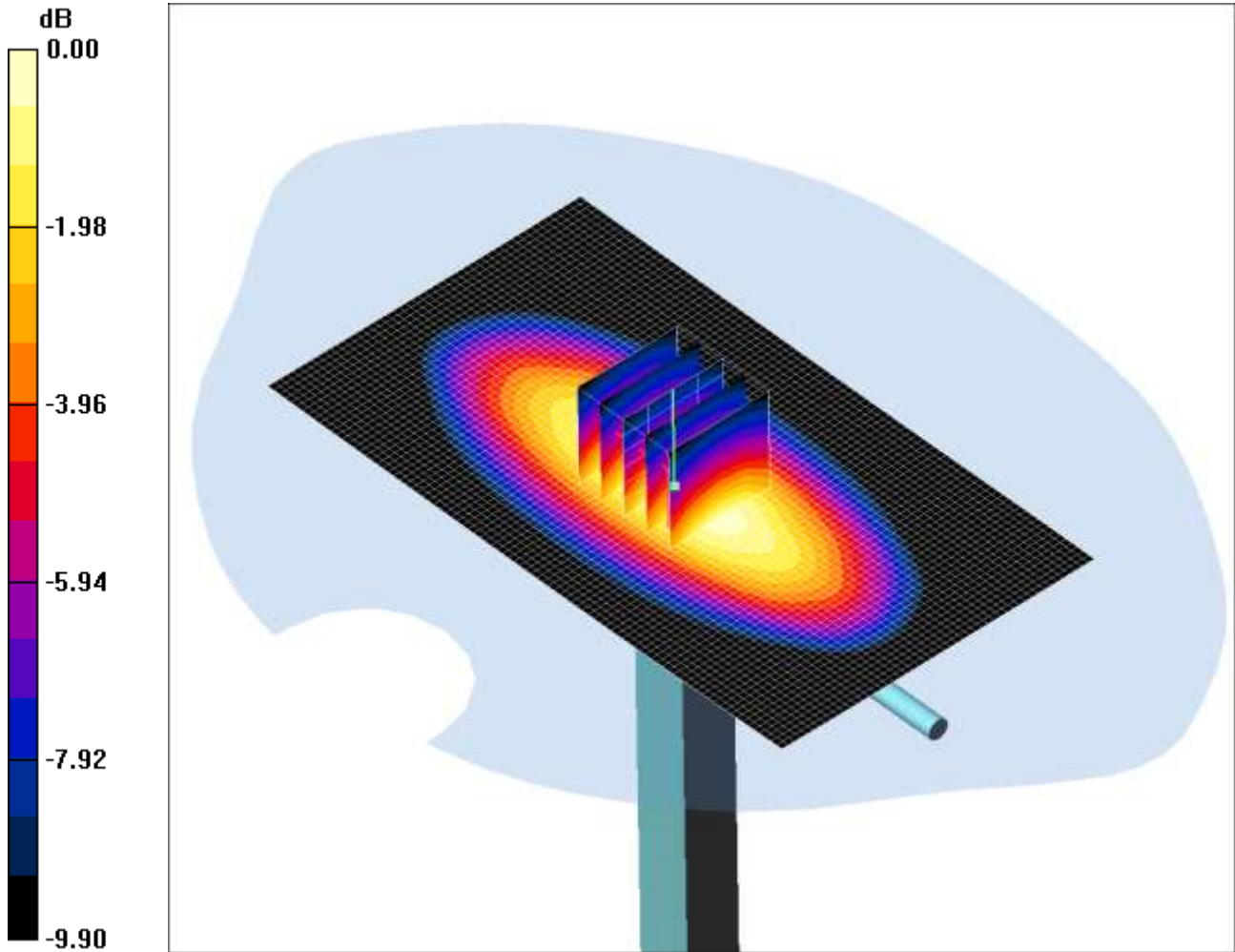
Reference Value = 51.535 V/m; Power Drift = 0.04 dB

Maximum value of SAR (interpolated) = 3.07 W/kg

SCN/90893JD02/342: System Performance Check 750MHz Body 04 12 12

Date: 04/12/2012

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011



0 dB = 2.42mW/g

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=15mm, Pin=250mW 2/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 2.40 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 49.0 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 3.26 W/kg

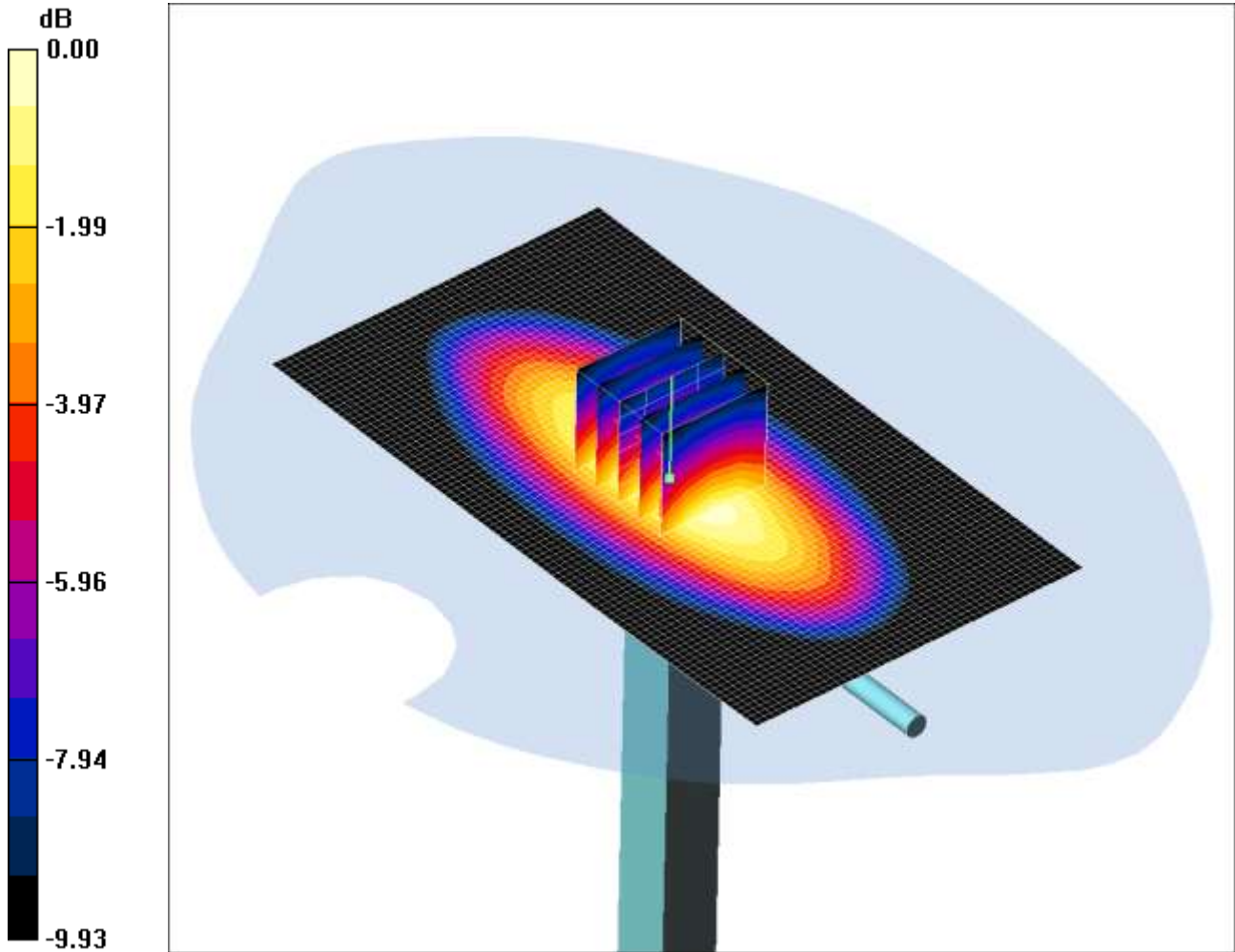
**SAR(1 g) = 2.24 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.42 mW/g

SCN/90893JD02/343: System Performance Check 750MHz Body 05 12 12

Date: 05/12/2012

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011



0 dB = 2.38mW/g

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.987 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.25, 6.25, 6.25); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=15mm, Pin=250mW 2/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 2.33 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 48.8 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 3.21 W/kg

**SAR(1 g) = 2.2 mW/g; SAR(10 g) = 1.46 mW/g**

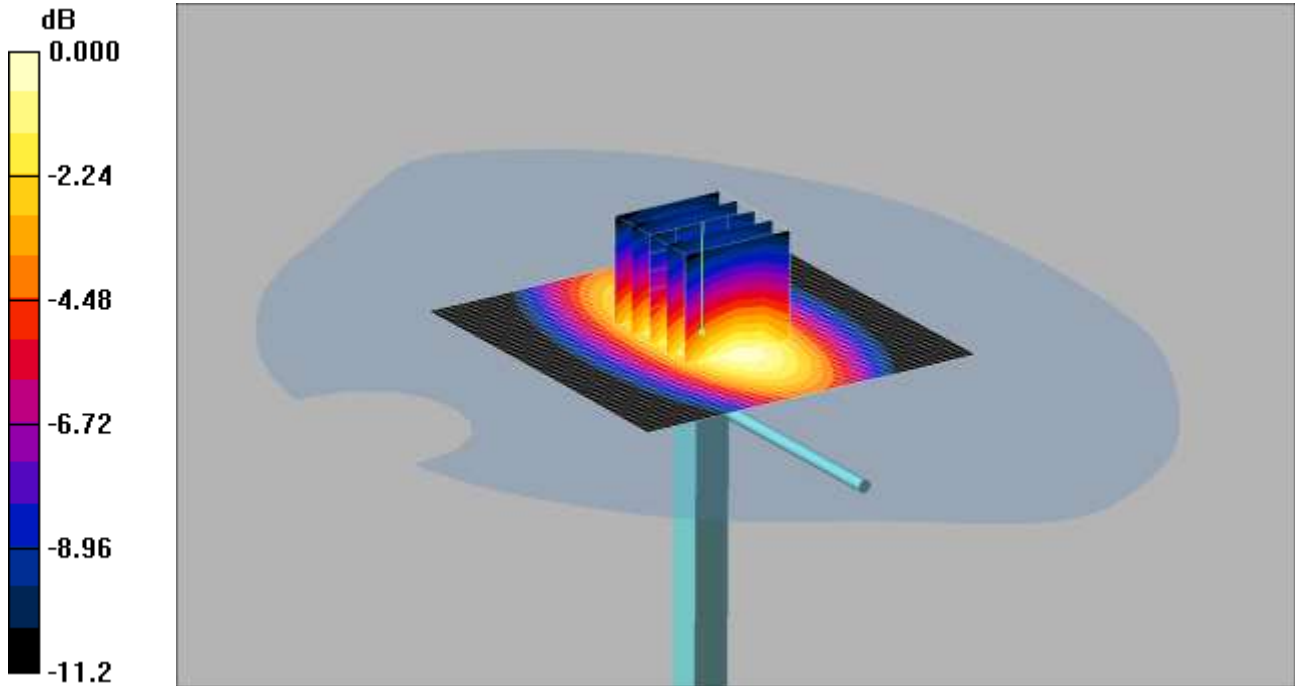
Maximum value of SAR (measured) = 2.38 mW/g



SCN/90893JD02/344: System Performance Check 900MHz Head 08 11 12

Date: 08/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.79mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.18, 6.18, 6.18); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.84 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.9 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 3.75 W/kg

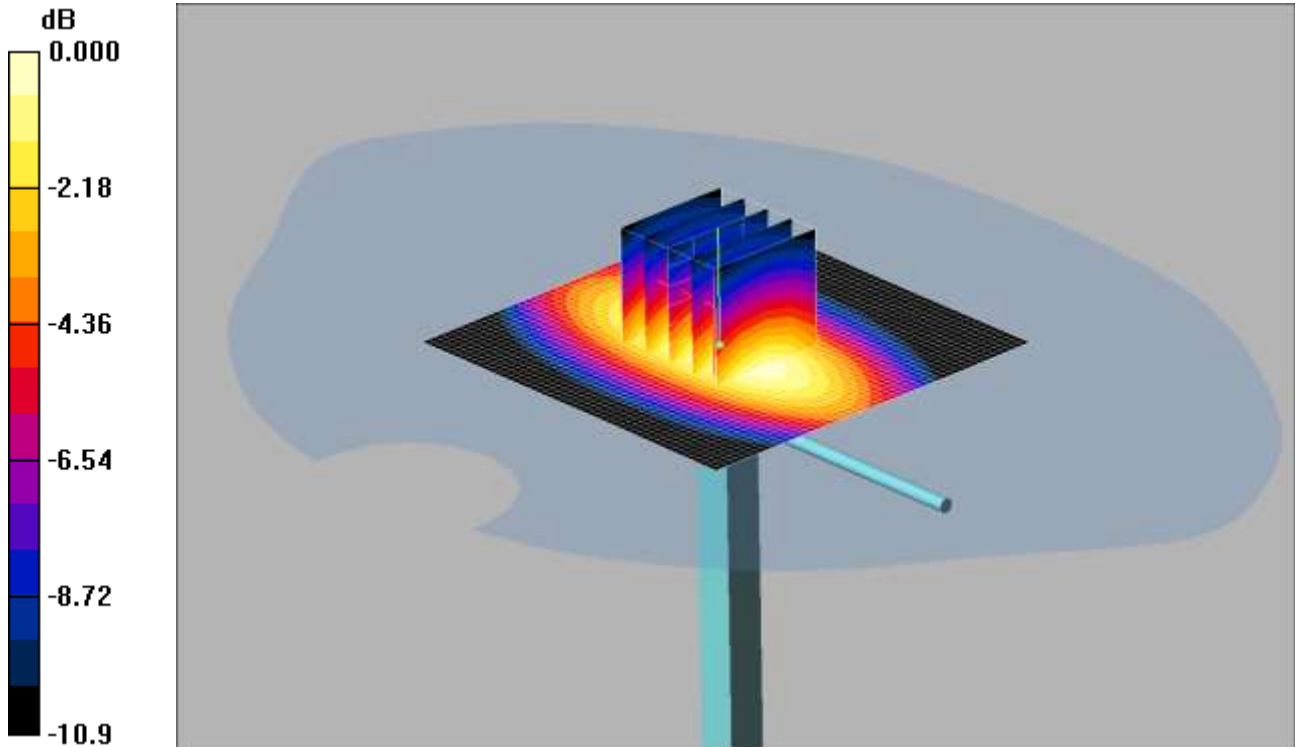
**SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.66 mW/g**

Maximum value of SAR (measured) = 2.79 mW/g

SCN/90893JD02/345: System Performance Check 900MHz Head 14 11 12

Date: 14/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.84mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.18, 6.18, 6.18); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.87 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.8 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 3.77 W/kg

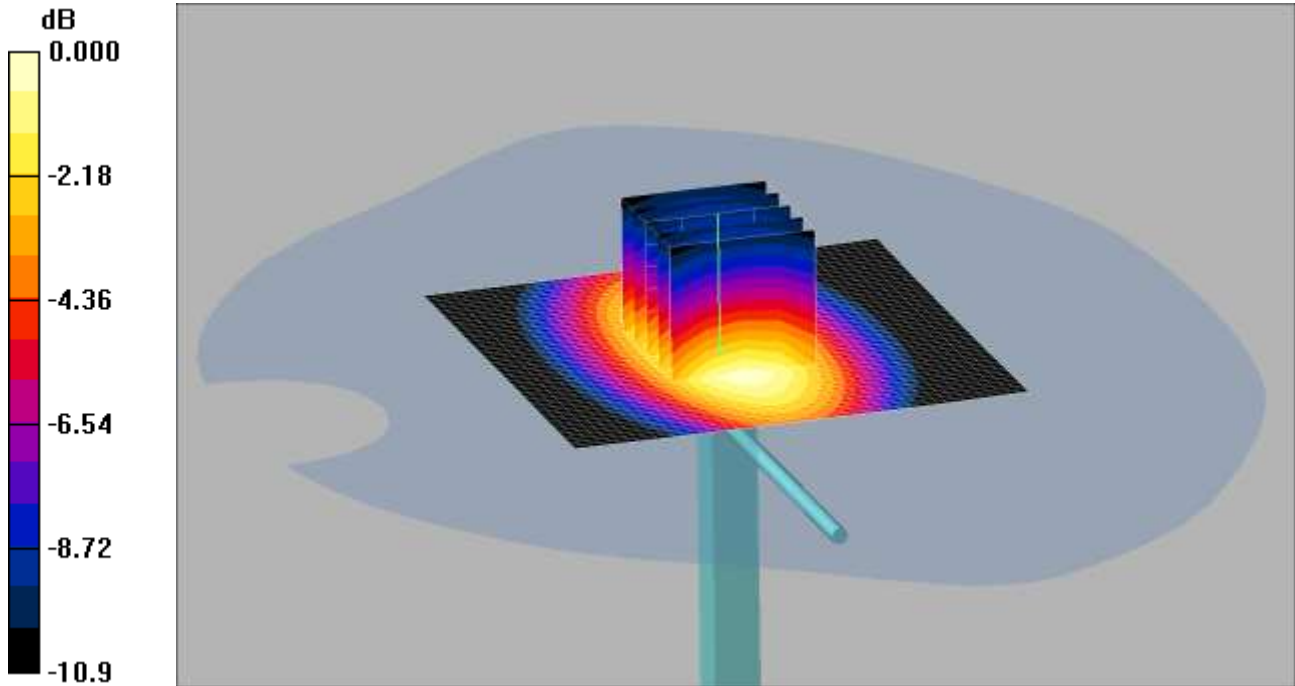
**SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.69 mW/g**

Maximum value of SAR (measured) = 2.84 mW/g

SCN/90893JD02/346: System Performance Check 900MHz Head 19 11 12

Date: 19/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.81mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.974 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.18, 6.18, 6.18); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.83 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.0 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 3.73 W/kg

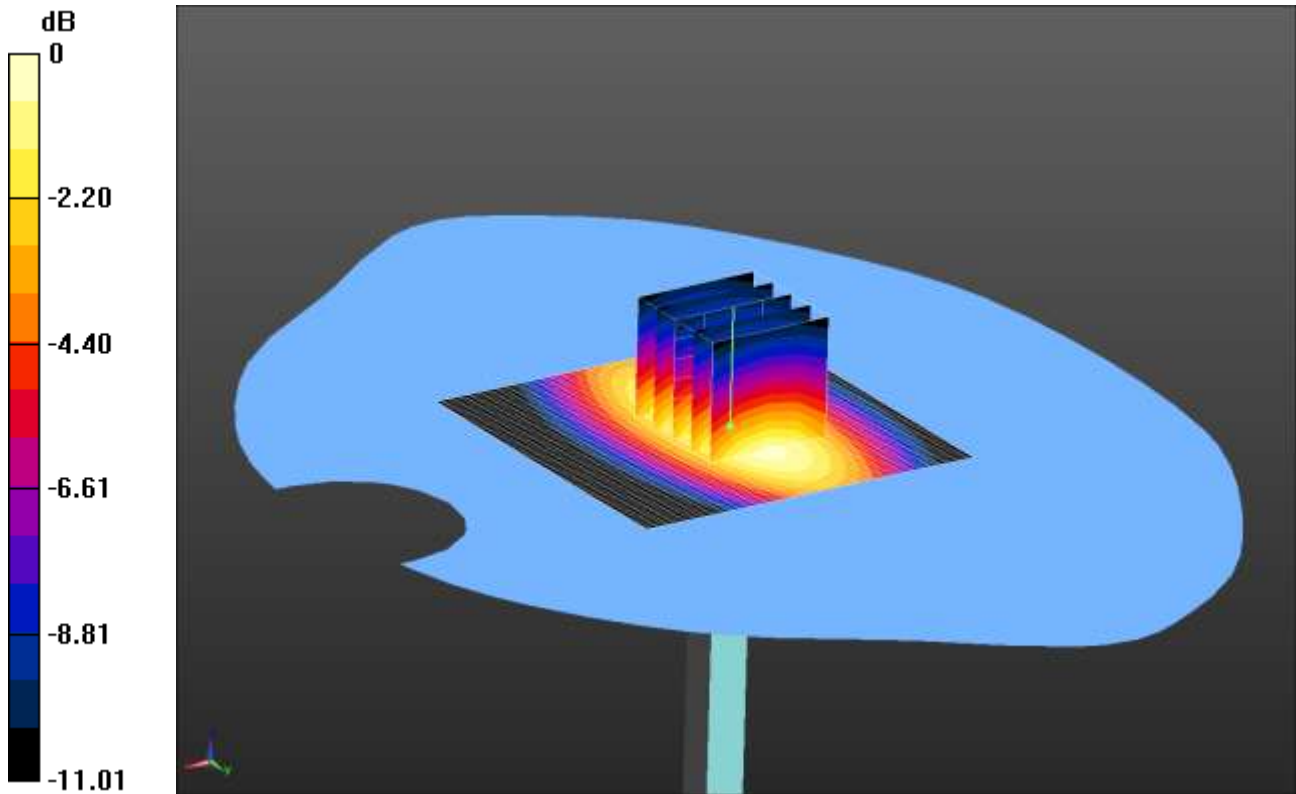
**SAR(1 g) = 2.58 mW/g; SAR(10 g) = 1.68 mW/g**

Maximum value of SAR (measured) = 2.81 mW/g

SCN/90893JD02/347: System Performance Check 900MHz Head 1 12 12

Date: 01/12/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.88 W/kg = 4.59 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 40.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.87 W/kg

**SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.574 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.89 W/kg

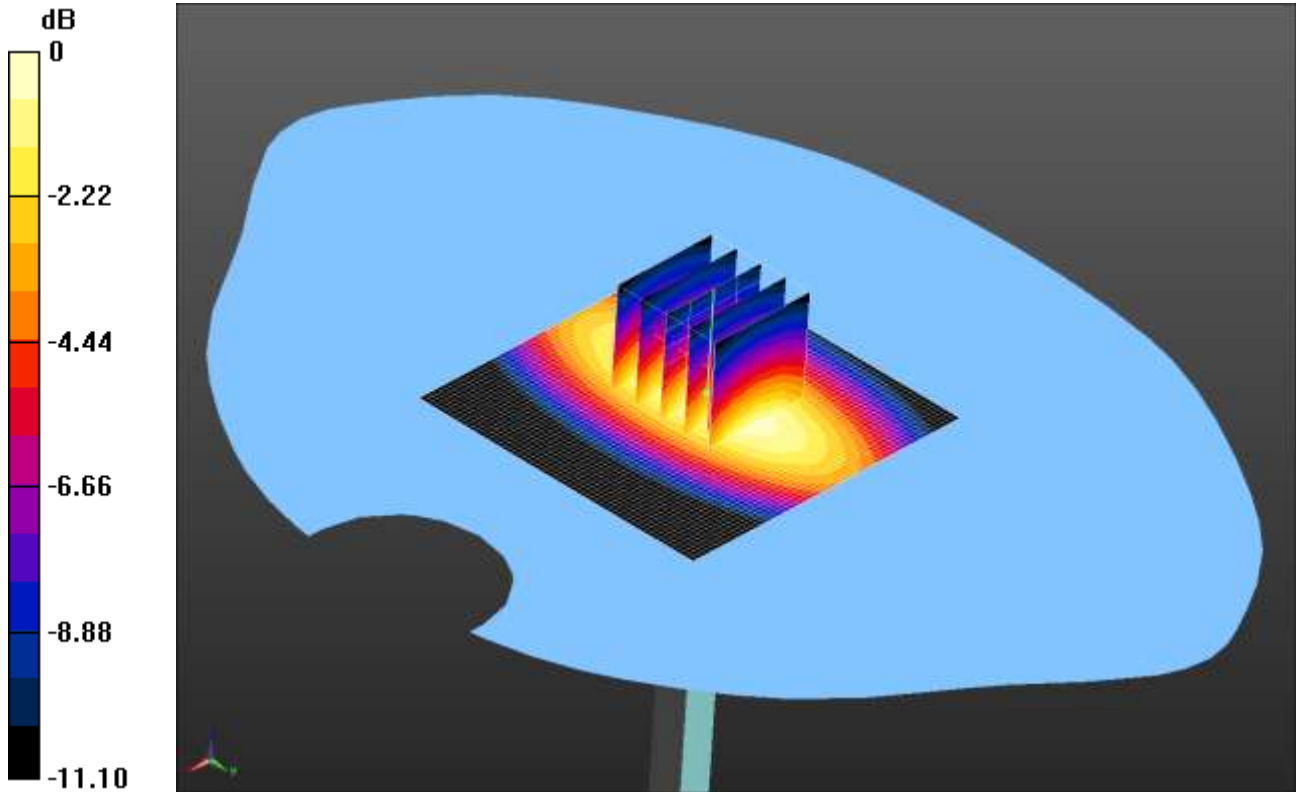
**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.72 W/kg**

Maximum value of SAR (measured) = 2.88 W/kg

SCN/90893JD02/348: System Performance Check 900MHz Head 03 12 12

Date: 03/12/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.93 W/kg = 4.67 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.948 \text{ mho/m}$ ;  $\epsilon_r = 41.227$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.90 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.461 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.97 W/kg

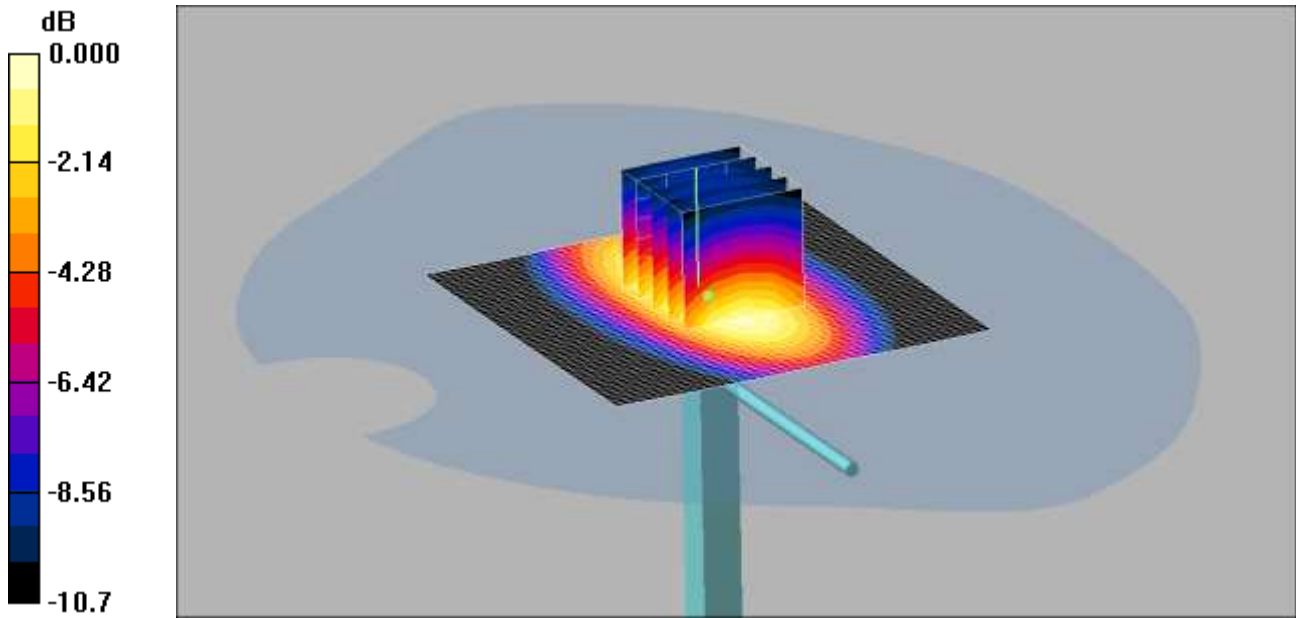
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.74 W/kg

Maximum value of SAR (measured) = 2.93 W/kg

SCN/90893JD02/349: System Performance Check 900MHz Body 16 11 12

Date: 16/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.93mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.09 \text{ mho/m}$ ;  $\epsilon_r = 53.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.26, 6.26, 6.26); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.05 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.3 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 3.87 W/kg

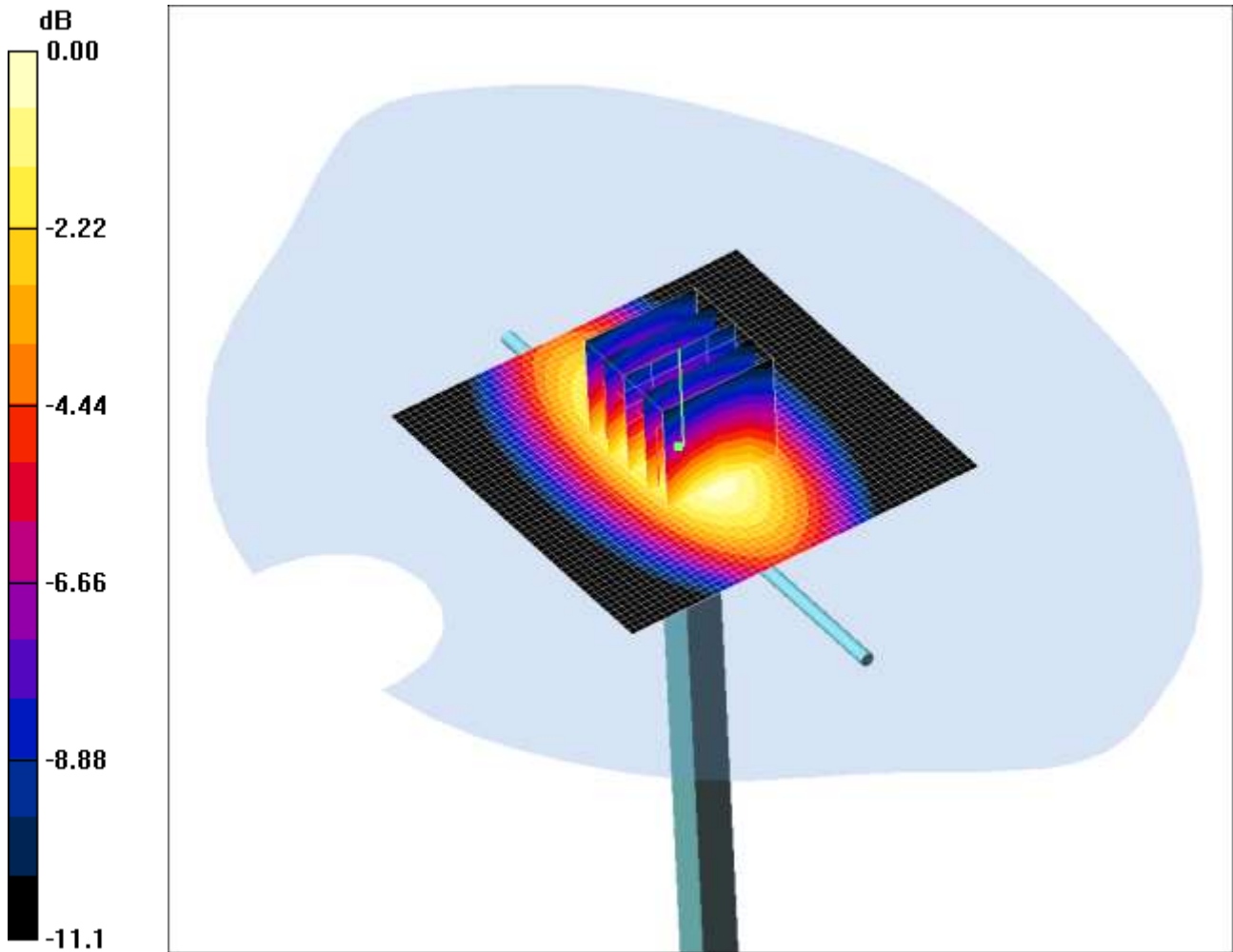
**SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.78 mW/g**

Maximum value of SAR (measured) = 2.93 mW/g

SCN/90893JD02/350: System Performance Check 900MHz Body 01 12 12

Date: 01/12/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.99mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=15mm, Pin=250mW 2/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 3.15 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 55.2 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 4.17 W/kg

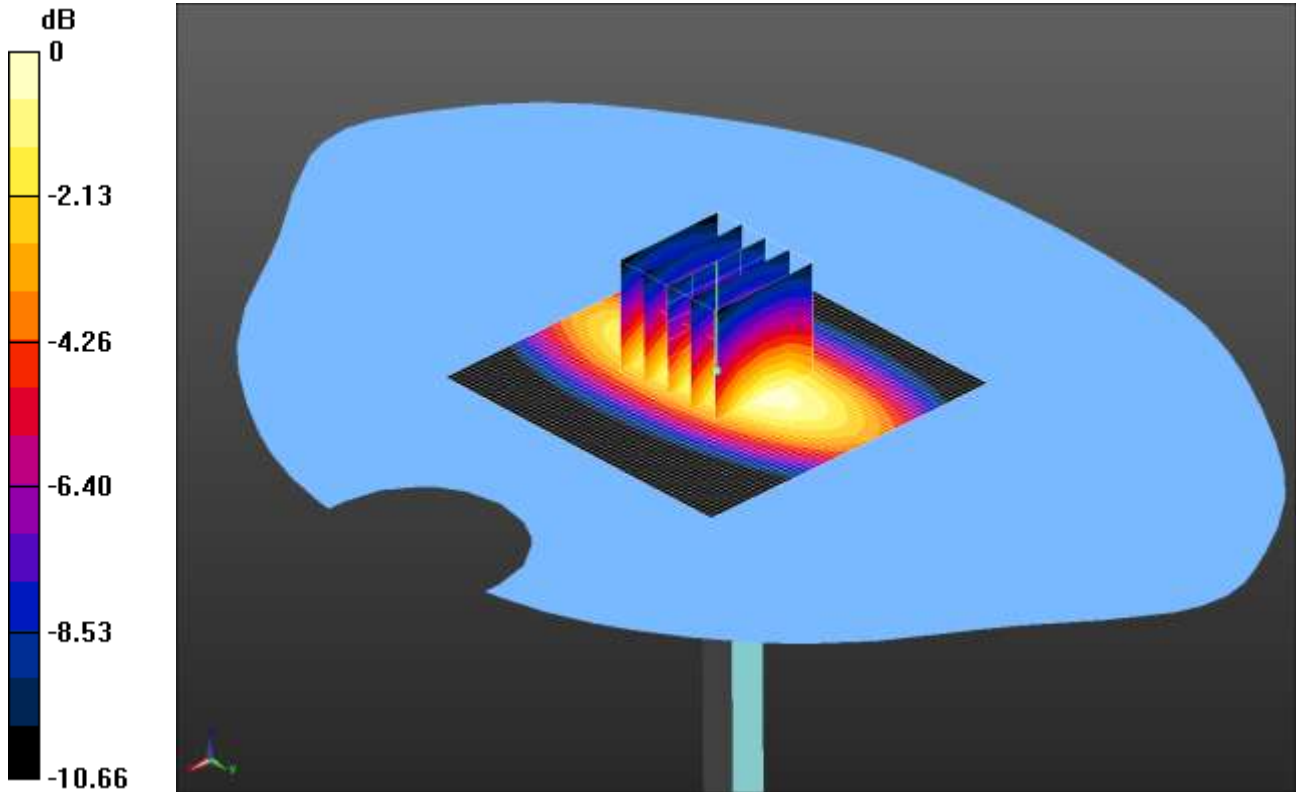
**SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.81 mW/g**

Maximum value of SAR (measured) = 2.99 mW/g

SCN/90893JD02/351: System Performance Check 900MHz Body 04 12 12

Date: 04/12/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.85 W/kg = 4.55 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.017 \text{ mho/m}$ ;  $\epsilon_r = 55.668$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.528 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.73 W/kg

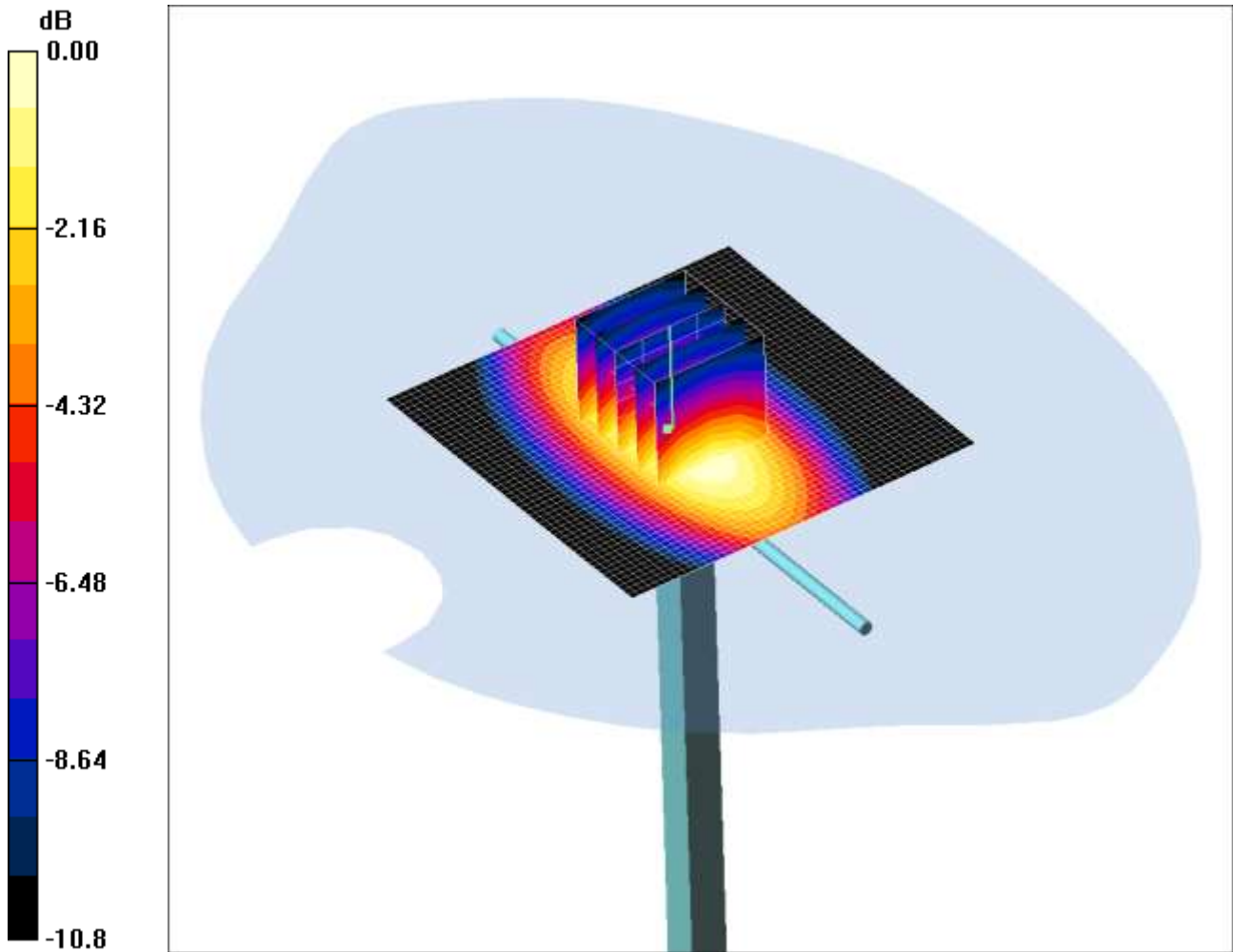
Maximum value of SAR (measured) = 2.85 W/kg



SCN/90893JD02/352: System Performance Check 900MHz Body 04 12 12

Date: 04/12/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.79mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.02 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=15mm, Pin=250mW 2/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 2.92 mW/g

**d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 52.5 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 3.84 W/kg

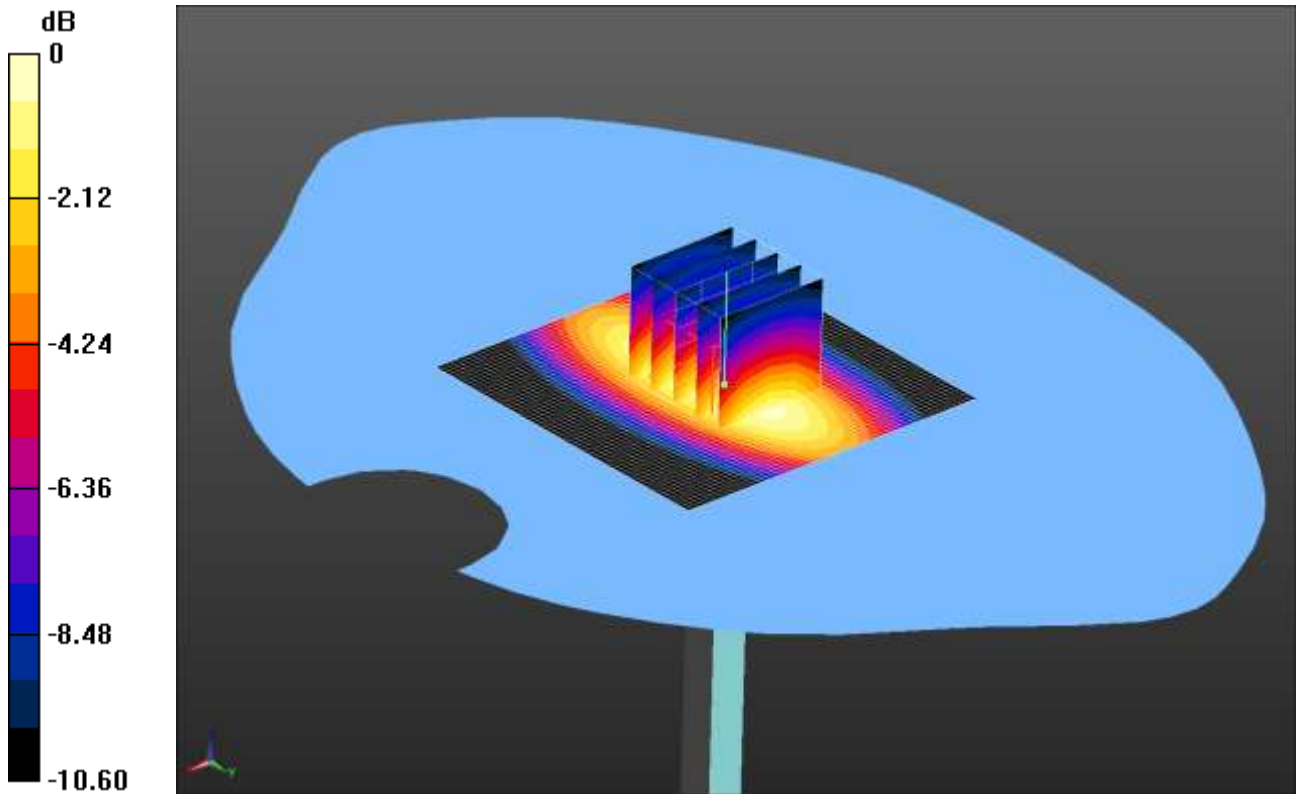
**SAR(1 g) = 2.59 mW/g; SAR(10 g) = 1.68 mW/g**

Maximum value of SAR (measured) = 2.79 mW/g

SCN/90893JD02/353: System Performance Check 900MHz Body 05 12 12

Date: 05/12/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.98 W/kg = 4.74 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.017 \text{ mho/m}$ ;  $\epsilon_r = 55.668$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.99 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.982 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.91 W/kg

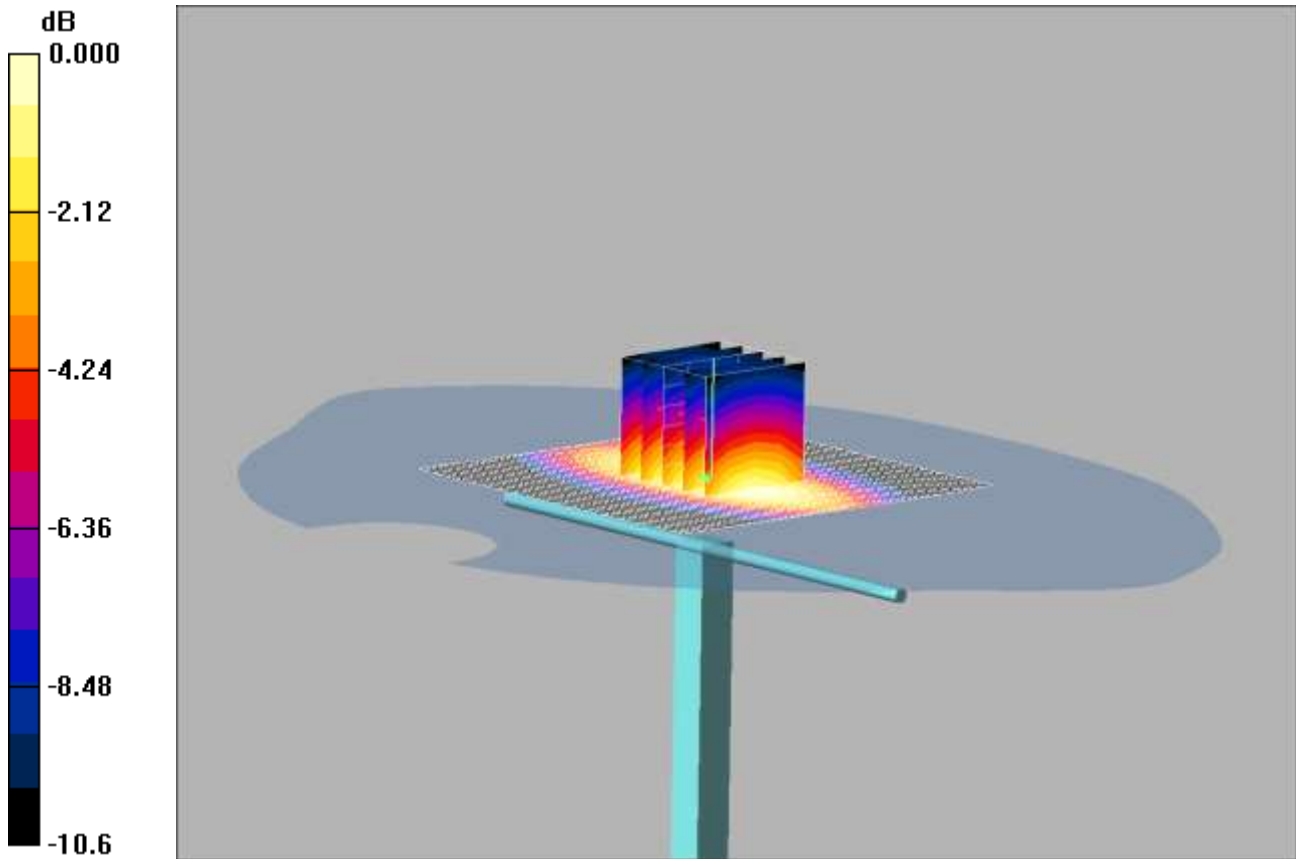
SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.8 W/kg

Maximum value of SAR (measured) = 2.98 W/kg

SCN/90893JD02/354: System Performance Check 900MHz Body 08 02 13

Date: 08/02/2013

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.87mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.05 \text{ mho/m}$ ;  $\epsilon_r = 52.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.26, 6.26, 6.26); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=15mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 3.04 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 54.7 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 3.73 W/kg

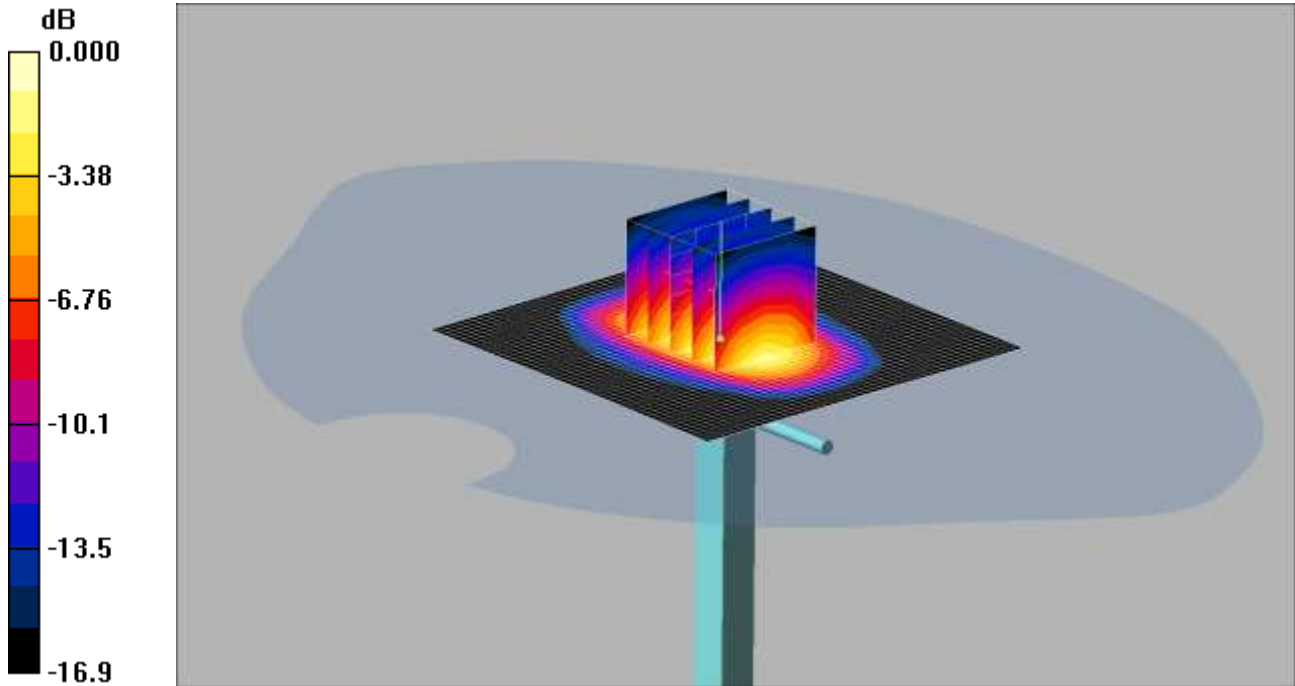
**SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.73 mW/g**

Maximum value of SAR (measured) = 2.87 mW/g

SCN/90893JD02/355: System Performance Check 1800MHz Head 05 12 12

Date: 05/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.3mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 40.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.47, 5.47, 5.47); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.8 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.5 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 15.5 W/kg

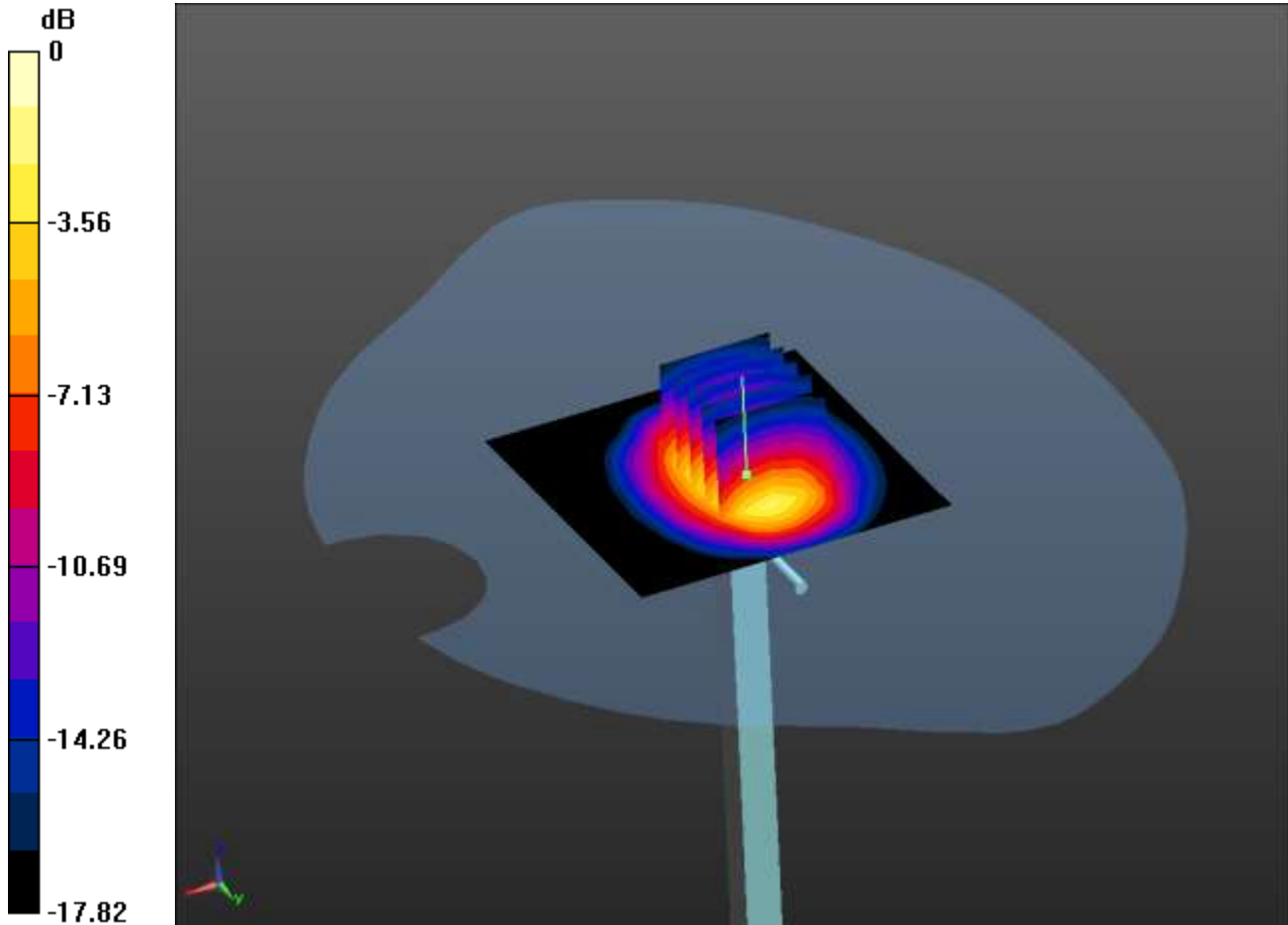
**SAR(1 g) = 9.1 mW/g; SAR(10 g) = 4.86 mW/g**

Maximum value of SAR (measured) = 10.3 mW/g

SCN/90893JD02/356: System Performance Check 1800MHz Head 13 12 12

Date: 13/12/2012

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 -



0 dB = 10.1 W/kg = 10.04 dBW/kg

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.405 \text{ mho/m}$ ;  $\epsilon_r = 38.391$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.440 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 15.5 W/kg

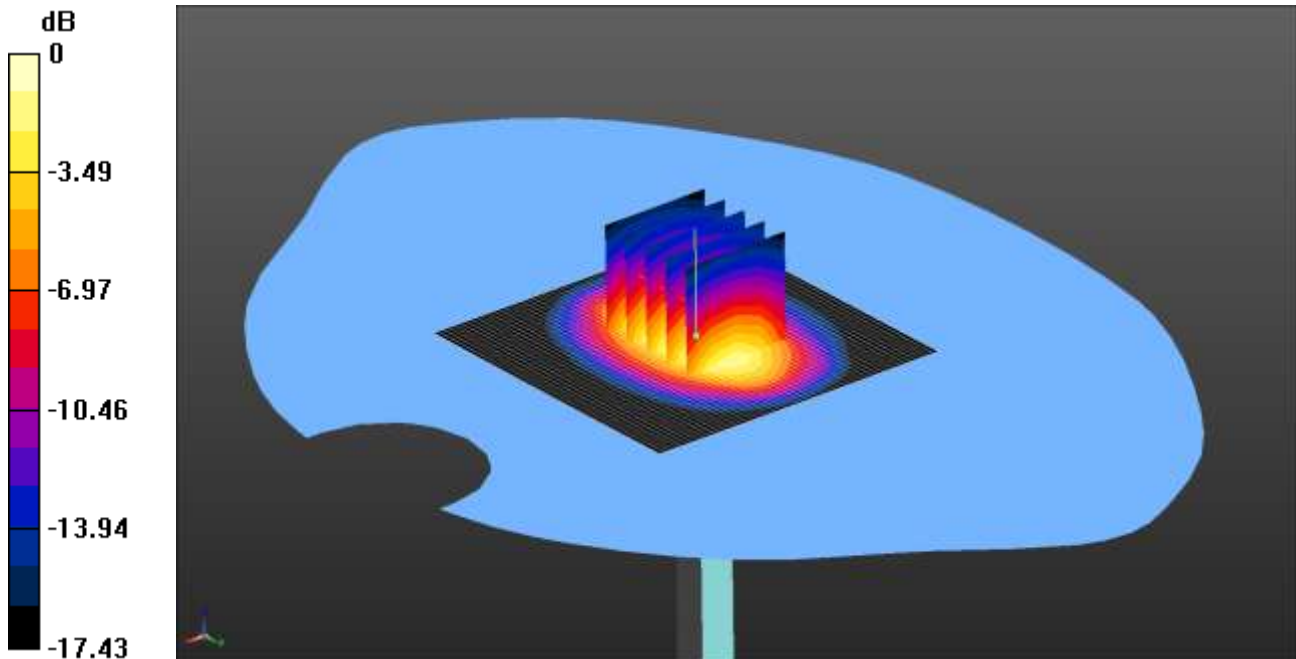
**SAR(1 g) = 8.96 W/kg; SAR(10 g) = 4.73 W/kg**

Maximum value of SAR (measured) = 10.1 W/kg

SCN/90893JD02/357: System Performance Check 1800MHz Head 14 12 12

Date: 14/12/2012

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2



0 dB = 9.95 W/kg = 9.98 dBW/kg

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.405$  mho/m;  $\epsilon_r = 38.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.12, 5.12, 5.12); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.2 W/kg

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.598 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 15.1 W/kg

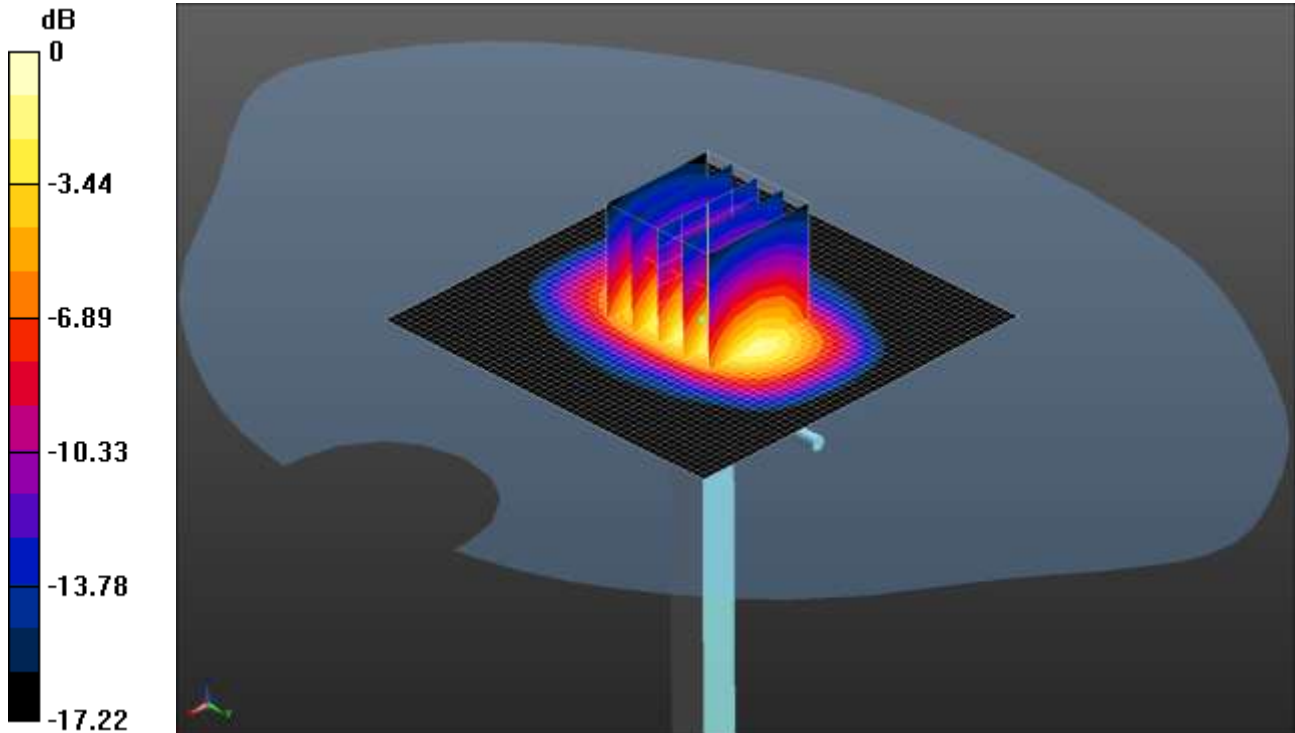
**SAR(1 g) = 8.89 W/kg; SAR(10 g) = 4.75 W/kg**

Maximum value of SAR (measured) = 9.95 W/kg

SCN/90893JD02/358: System Performance Check 1800MHz Head 08 02 13

Date: 08/02/2013

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.5 W/kg = 10.21 dBW/kg

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.47, 5.47, 5.47); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 22/01/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/d=10mm, Pin=250mW/Area Scan (51x51x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
 Maximum value of SAR (interpolated) = 14.5 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.893 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.0 W/kg

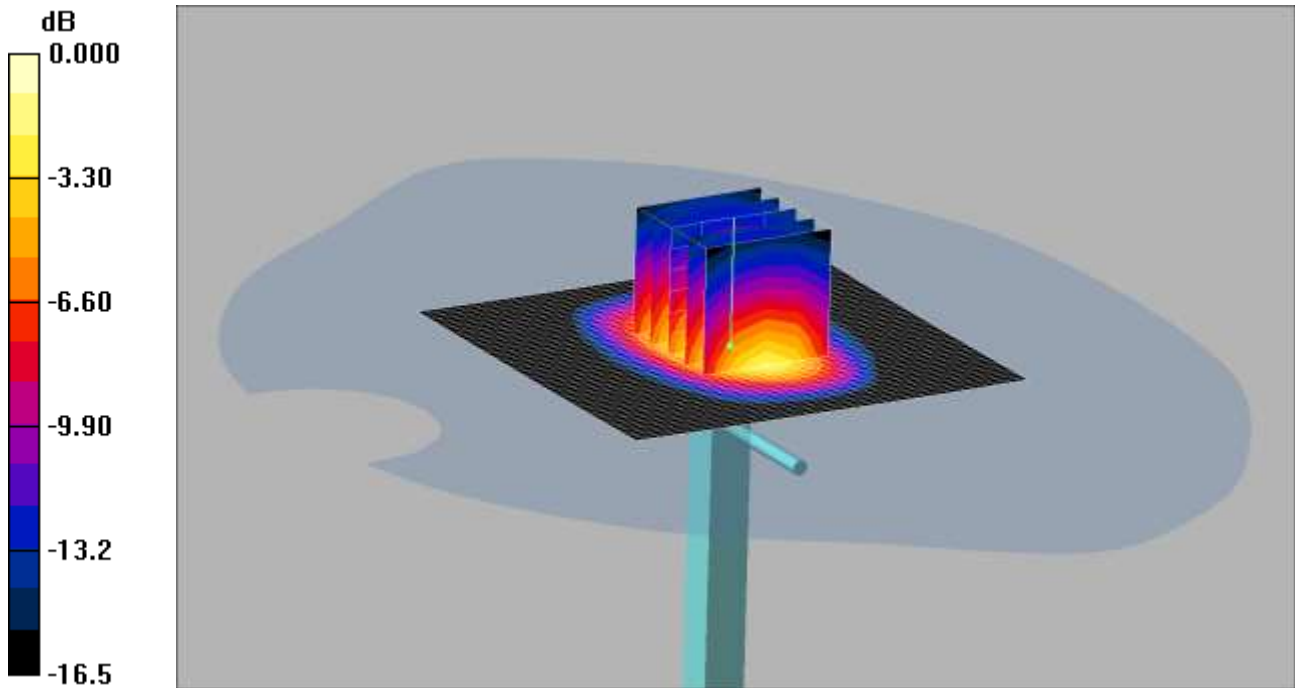
**SAR(1 g) = 9.43 W/kg; SAR(10 g) = 4.99 W/kg**

Maximum value of SAR (measured) = 10.5 W/kg

SCN/90893JD02/359: System Performance Check 1800MHz Body 05 12 12

Date: 05/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.5mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.7 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.3 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 9.36 mW/g; SAR(10 g) = 5.07 mW/g**

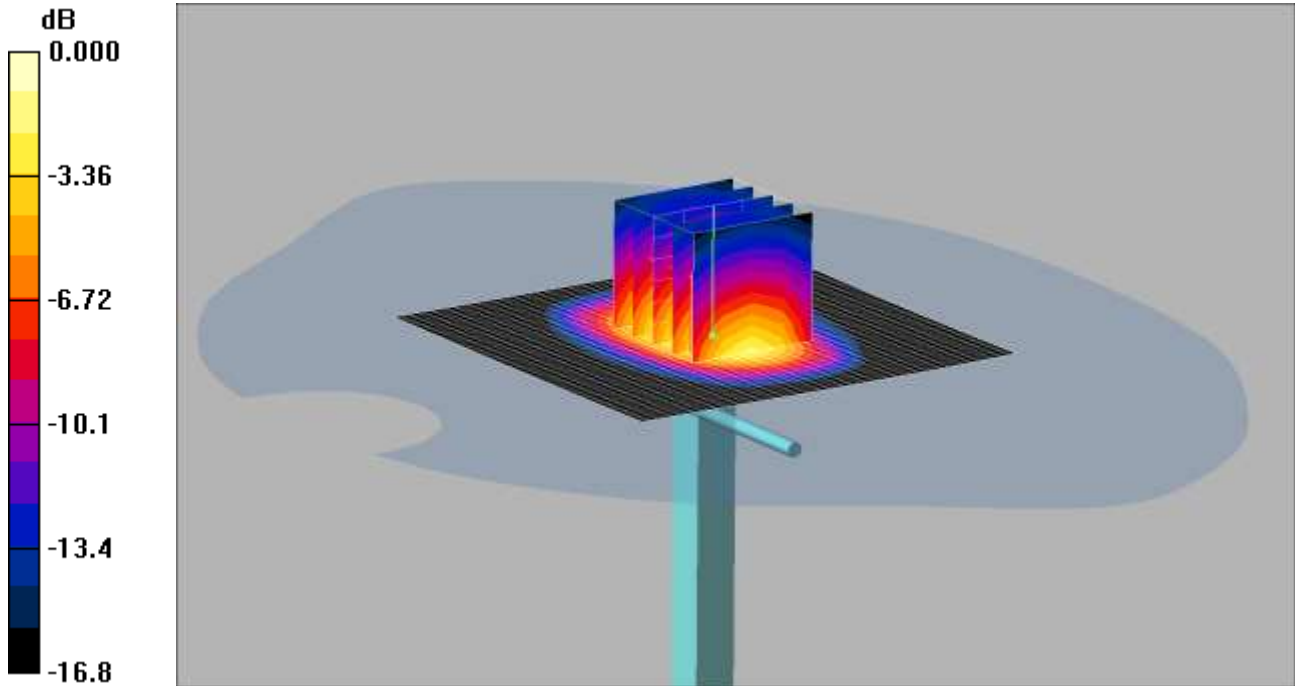
Maximum value of SAR (measured) = 10.5 mW/g



SCN/90893JD02/360: System Performance Check 1800MHz Body 06 12 12

Date: 06/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.2mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 13.2 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 87.1 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 15.2 W/kg

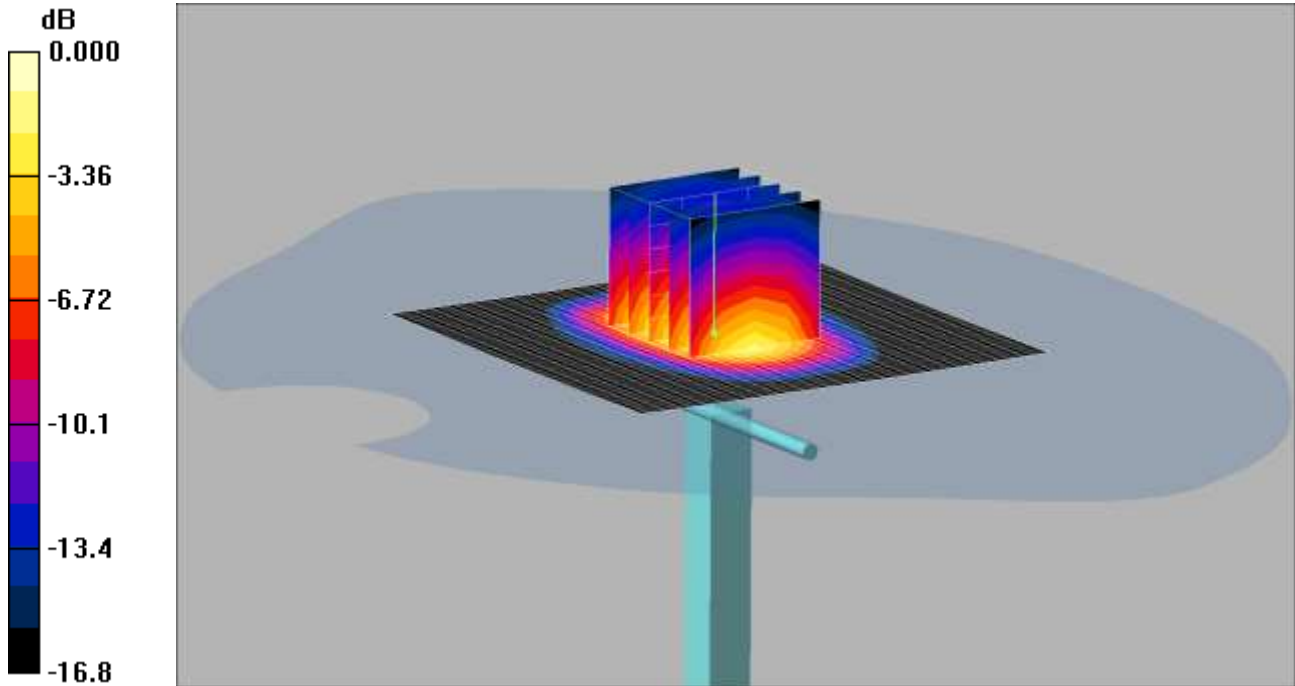
**SAR(1 g) = 9.11 mW/g; SAR(10 g) = 4.93 mW/g**

Maximum value of SAR (measured) = 10.2 mW/g

SCN/90893JD02/361: System Performance Check 1800MHz Body 14 12 12

Date: 14/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.7mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 53.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.4 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 16.2 W/kg

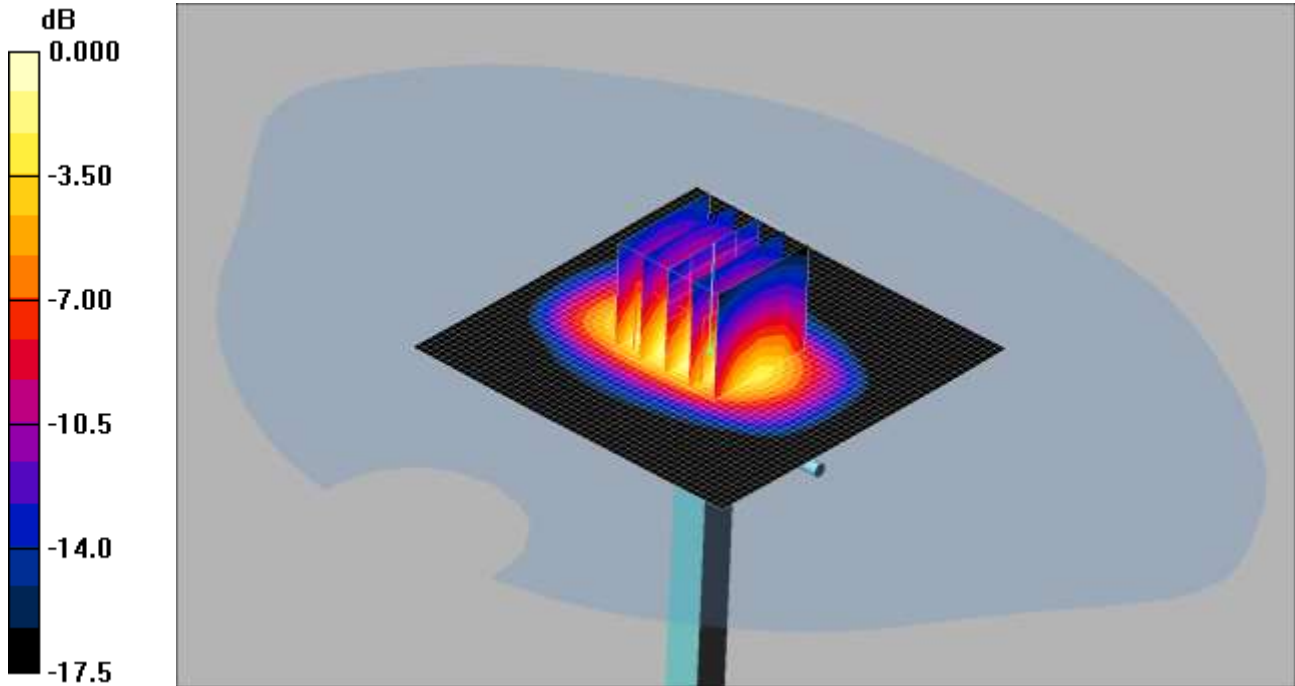
**SAR(1 g) = 9.53 mW/g; SAR(10 g) = 5.13 mW/g**

Maximum value of SAR (measured) = 10.7 mW/g

SCN/90893JD02/362: System Performance Check 1800MHz Body 15 12 12

Date/: 15/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.5mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 53.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.0 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.5 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 16.0 W/kg

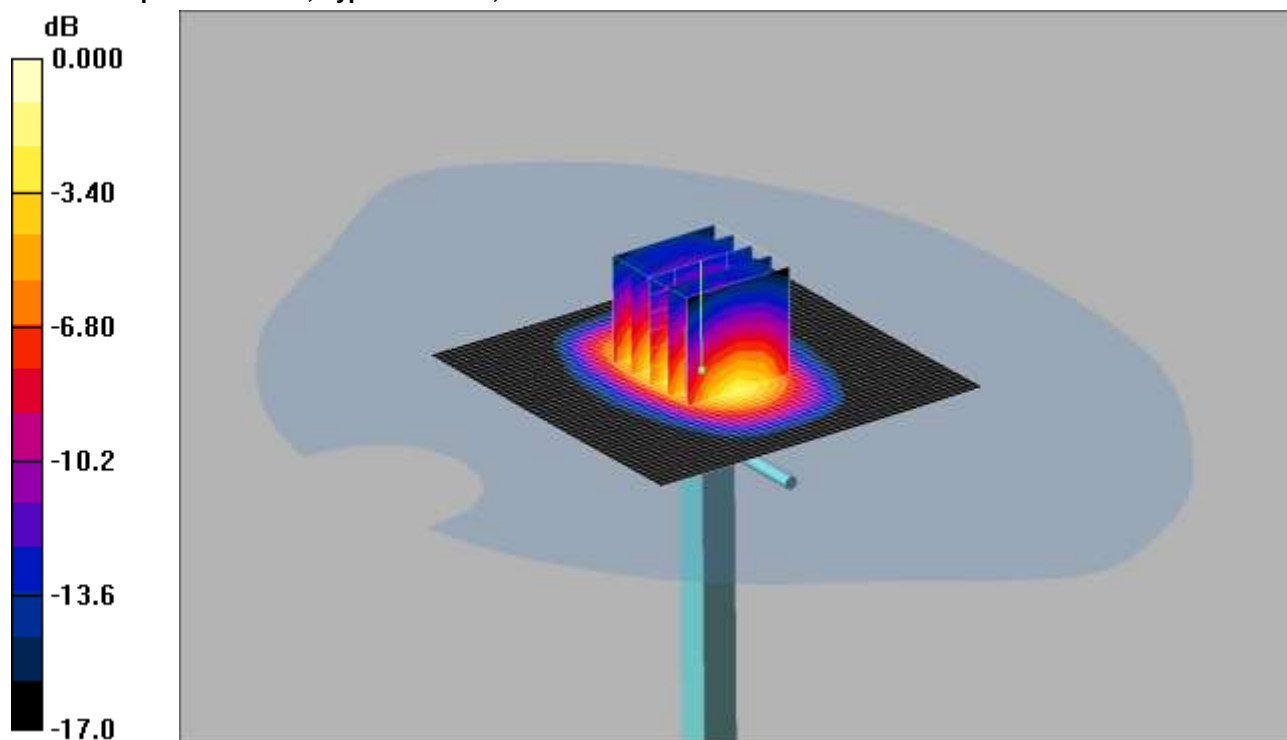
**SAR(1 g) = 9.45 mW/g; SAR(10 g) = 5.07 mW/g**

Maximum value of SAR (measured) = 10.5 mW/g

SCN/90893JD02/363: System Performance Check 1800MHz Body 17 12 12

Date: 17/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.2mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.0 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.3 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 15.7 W/kg

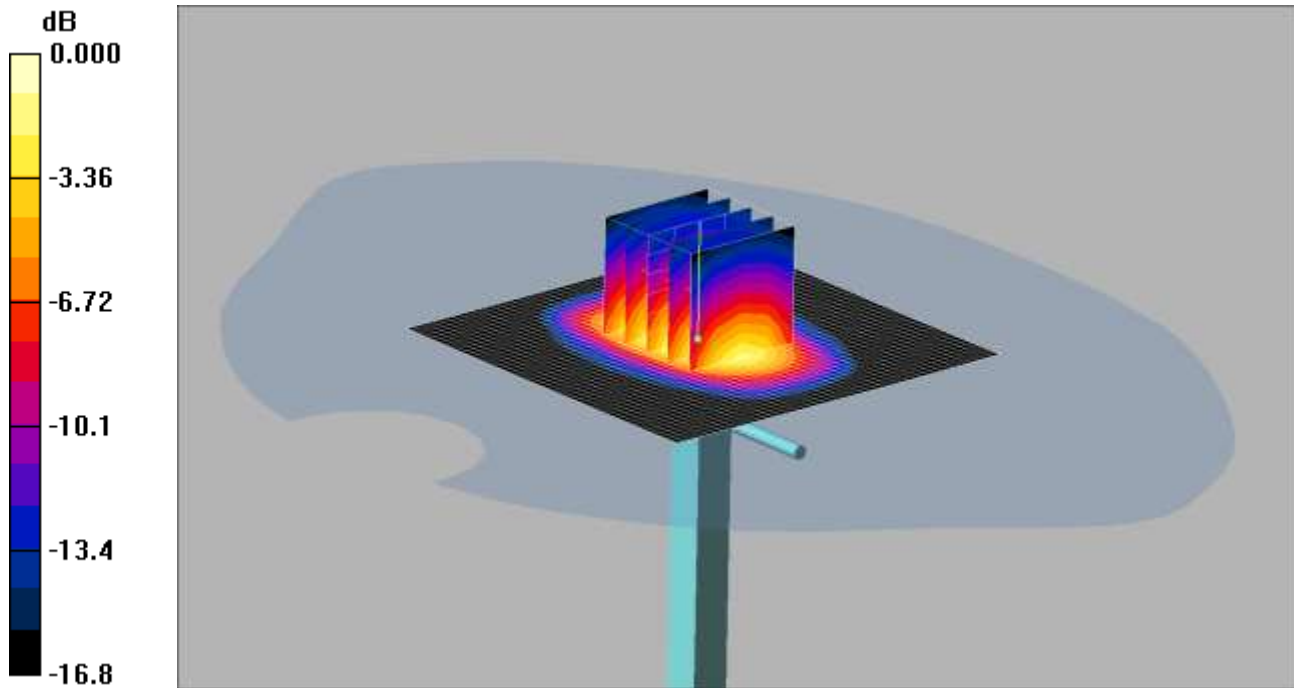
**SAR(1 g) = 9.26 mW/g; SAR(10 g) = 4.98 mW/g**

Maximum value of SAR (measured) = 10.2 mW/g

SCN/90893JD02/364: System Performance Check 1800MHz Body 18 12 12

Date 18/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.8mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.6 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.6 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 16.3 W/kg

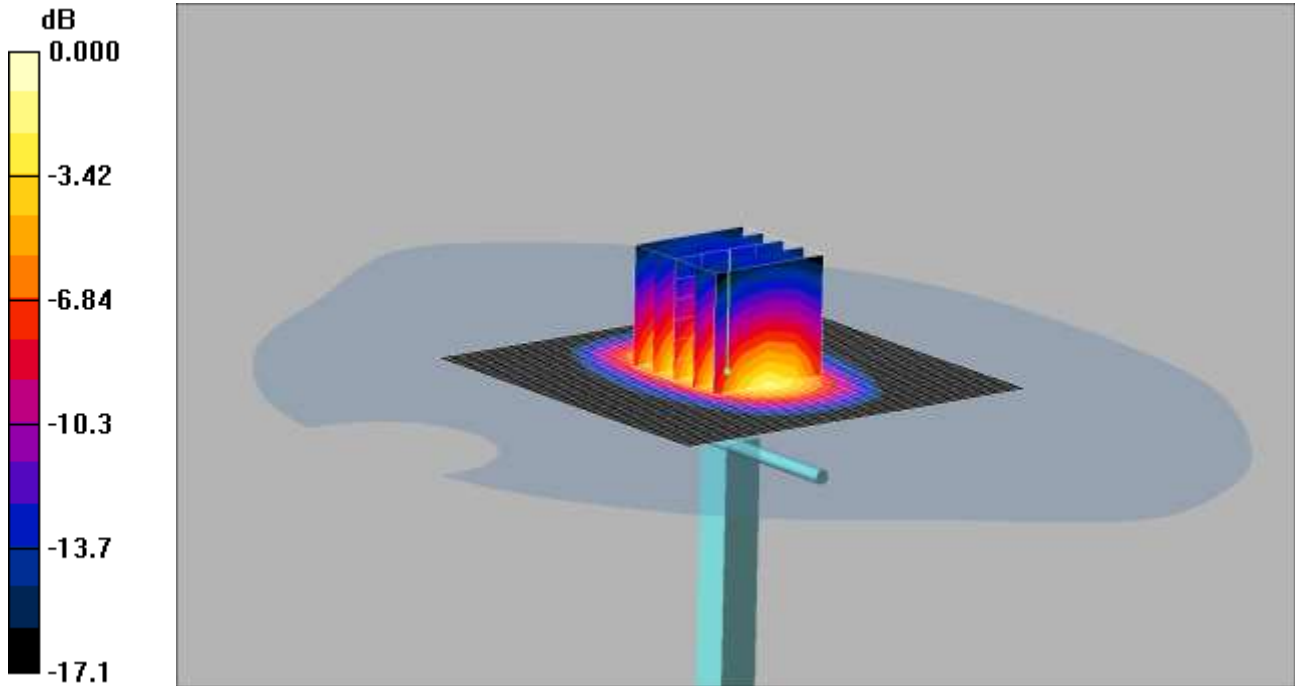
**SAR(1 g) = 9.62 mW/g; SAR(10 g) = 5.16 mW/g**

Maximum value of SAR (measured) = 10.8 mW/g

SCN/90893JD02/365: System Performance Check 1800MHz Body 19 12 12

Date: 19/12/2012

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.3mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.92, 4.92, 4.92); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW; D1800V2 SN264/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.9 mW/g

**d=10mm, Pin=250mW; D1800V2 SN264/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 86.0 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 15.5 W/kg

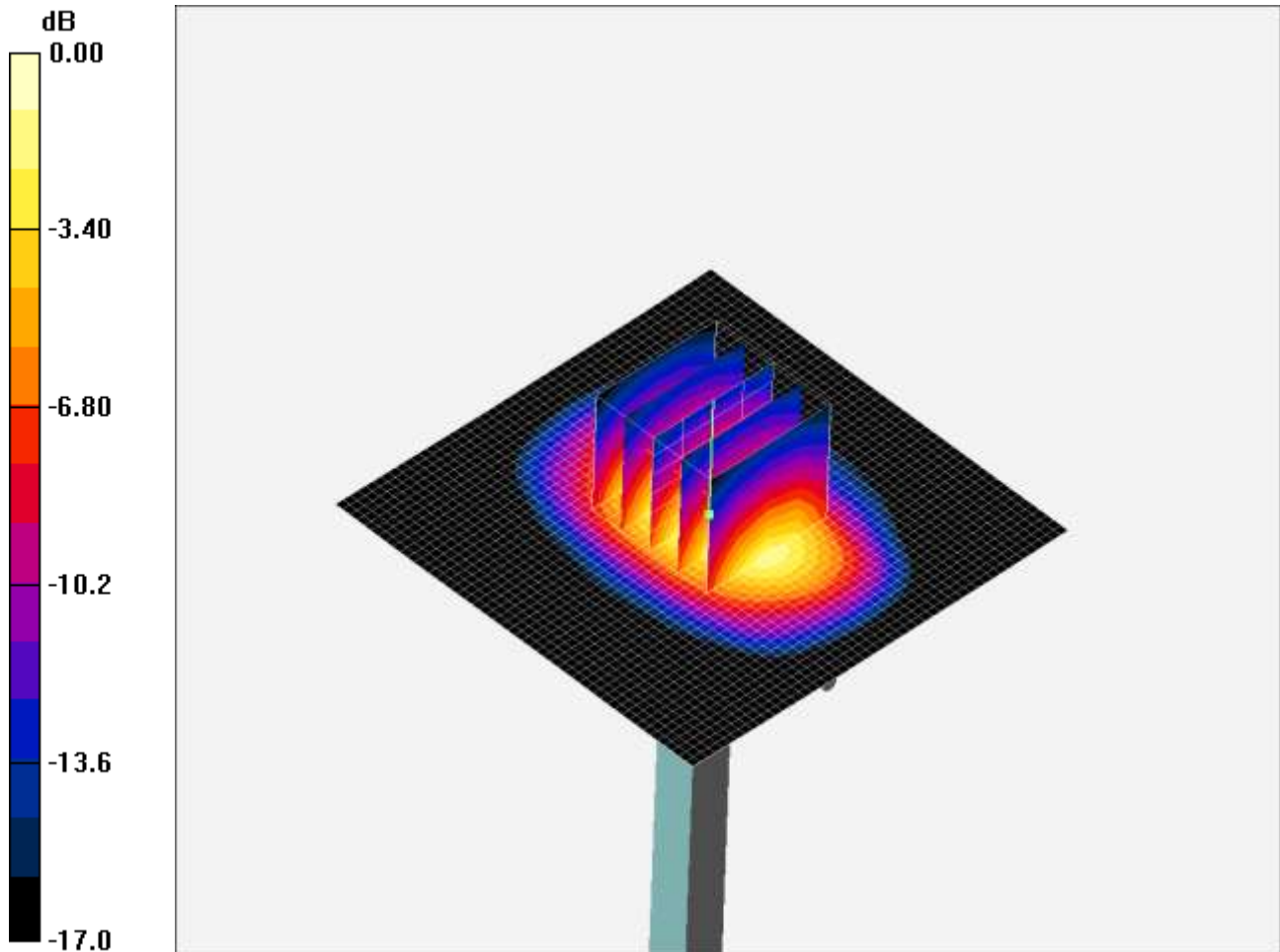
**SAR(1 g) = 9.18 mW/g; SAR(10 g) = 4.92 mW/g**

Maximum value of SAR (measured) = 10.3 mW/g

SCN/90893JD02/366: System Performance Check 1800MHz Body 08 02 13

Date: 08/02/2013

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 11.1mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.15, 5.15, 5.15); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.3 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.0 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 17.4 W/kg

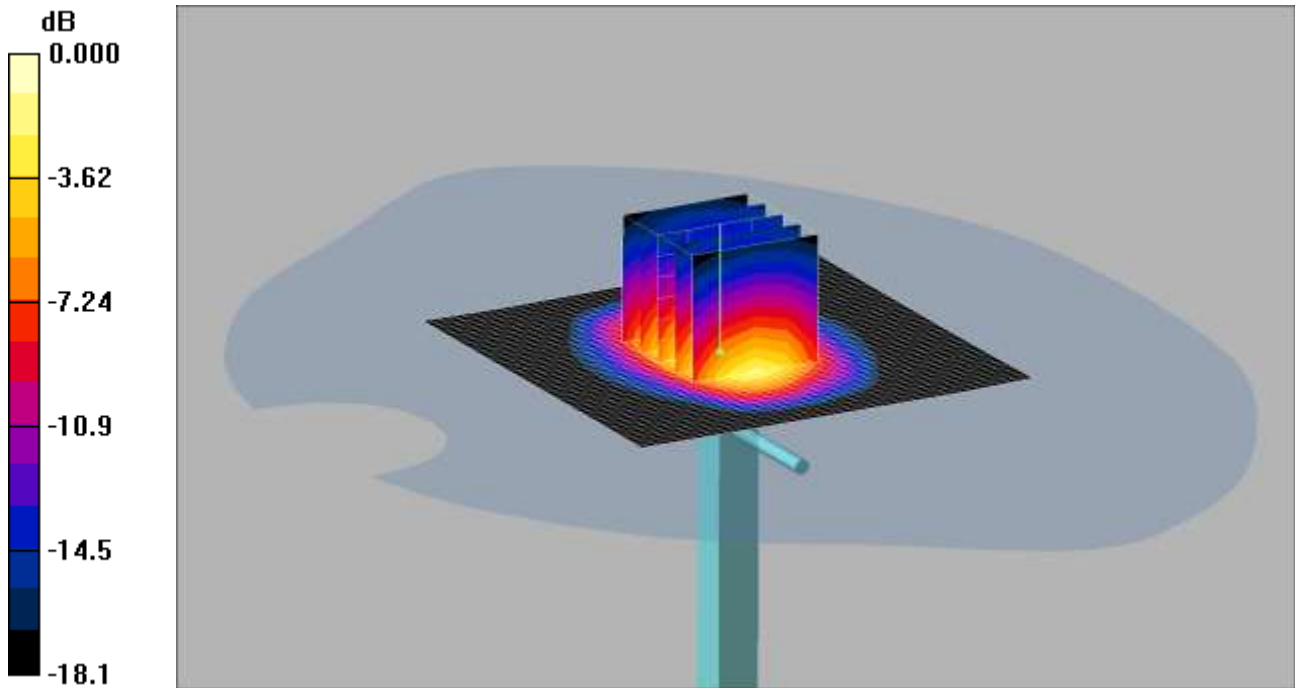
**SAR(1 g) = 9.9 mW/g; SAR(10 g) = 5.26 mW/g**

Maximum value of SAR (measured) = 11.1 mW/g

SCN/90893JD02/367: System Performance Check 1900MHz Head 03 12 12

Date: 03/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.4mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 15.6 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.0 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.22 mW/g**

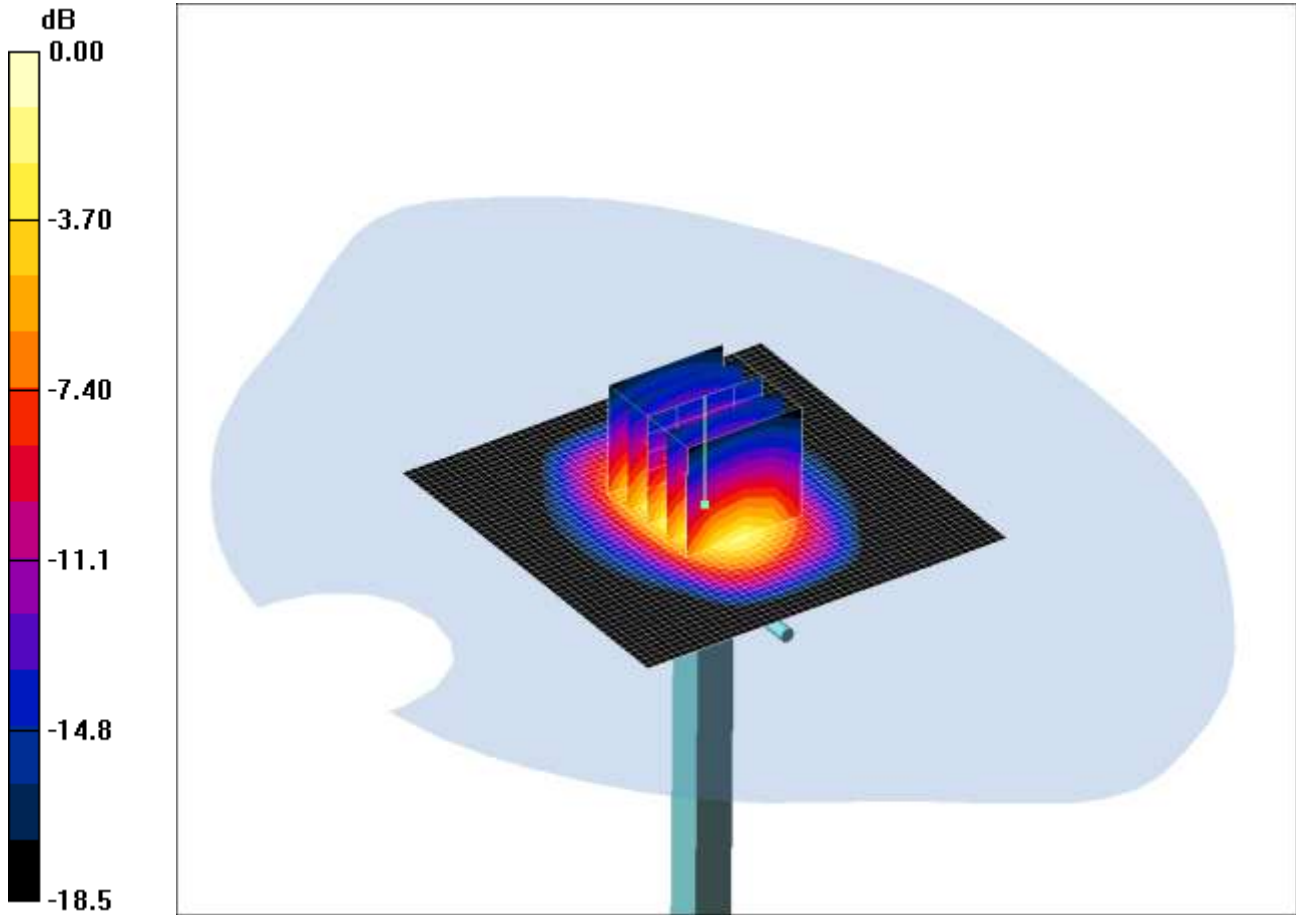
Maximum value of SAR (measured) = 11.4 mW/g



SCN/90893JD02/368: System Performance Check 1900MHz Head 07 12 12

Date: 07/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.4mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 16.1 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.6 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 19.1 W/kg

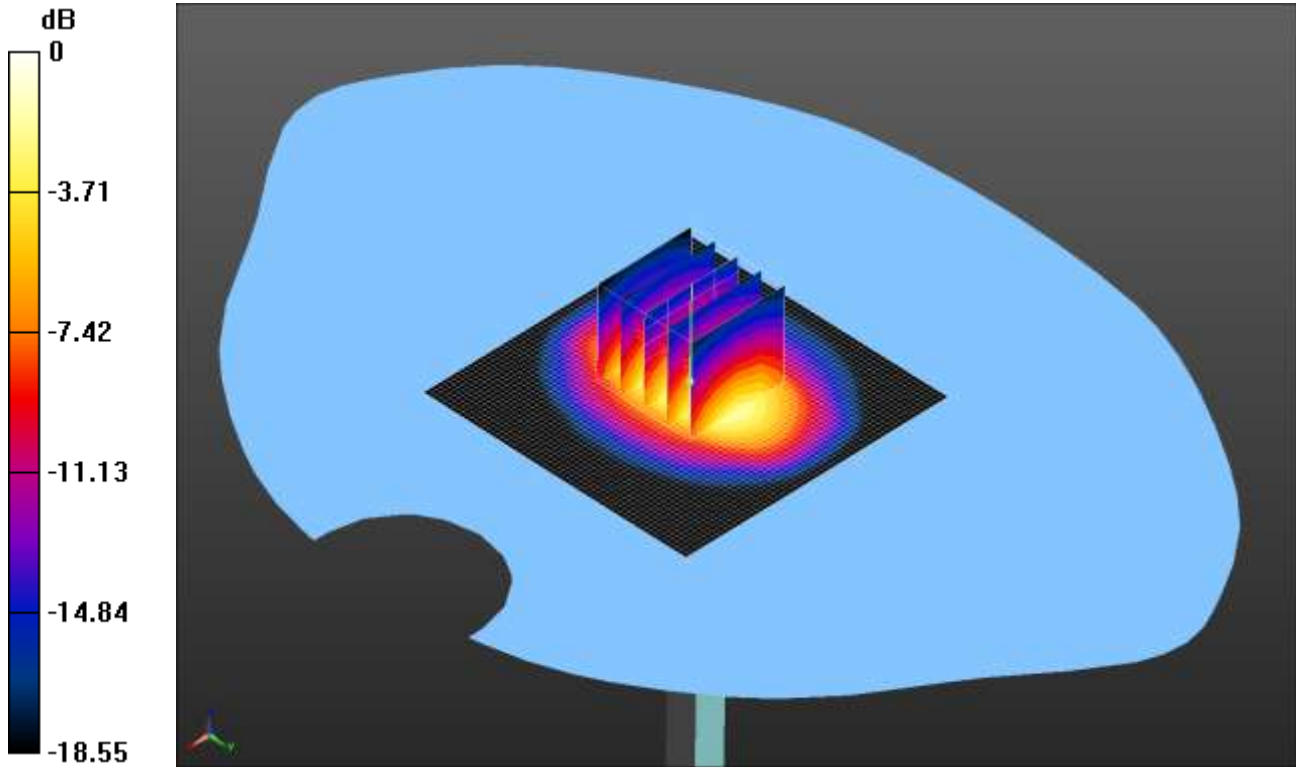
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.16 mW/g**

Maximum value of SAR (measured) = 11.4 mW/g

SCN/90893JD02/369: System Performance Check 1900MHz Head 12 12 12

Date: 12/12/2012

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:540



0 dB = 11.0 W/kg = 10.41 dBW/kg

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 94.764 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.21 W/kg**

Maximum value of SAR (interpolated) = 11.3 W/kg

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.764 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.1 W/kg

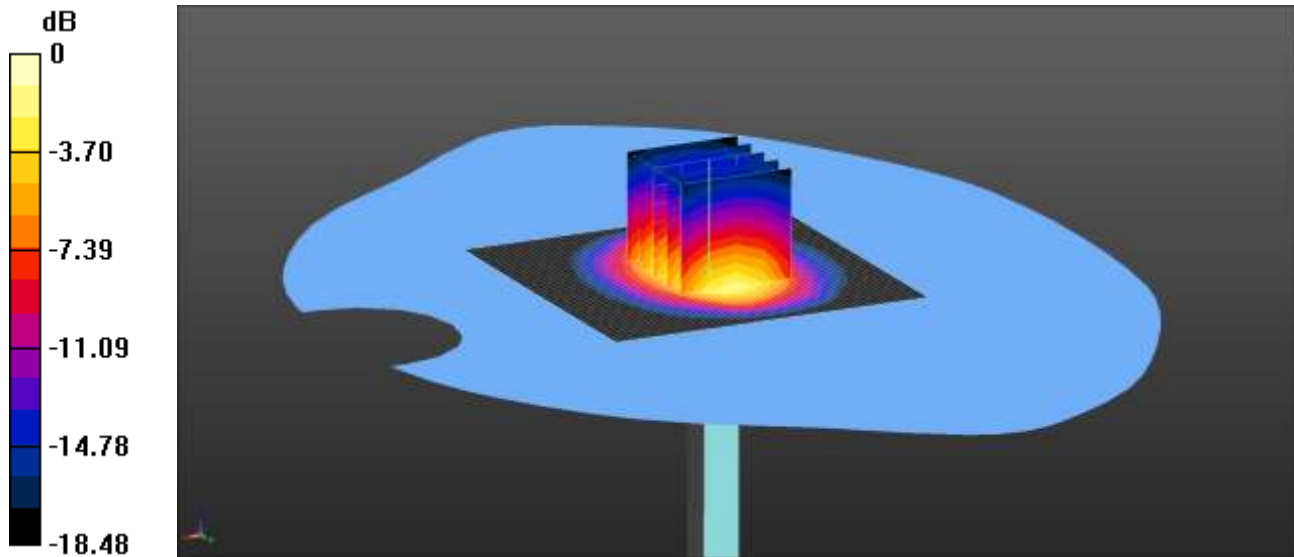
**SAR(1 g) = 9.71 W/kg; SAR(10 g) = 5.03 W/kg**

Maximum value of SAR (measured) = 11.0 W/kg

SCN/90893JD02/370: System Performance Check 1900MHz Head 13 12 12

Date: 13/12/2012

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:540



0 dB = 11.2 W/kg = 10.49 dBW/kg

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.92, 4.92, 4.92); Calibrated: 26/07/2012;

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

**SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement

grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.094 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 17.5 W/kg

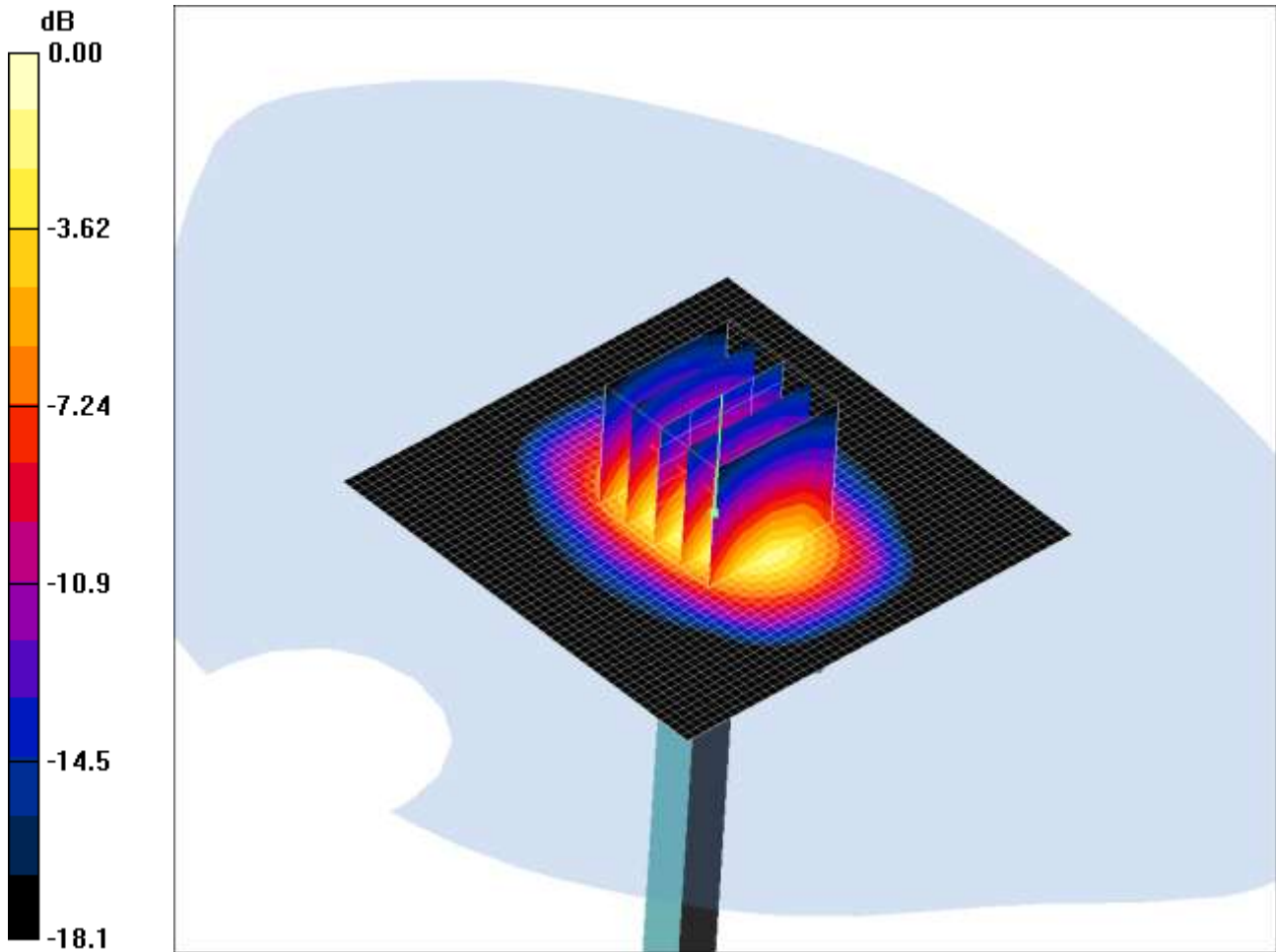
**SAR(1 g) = 9.99 W/kg; SAR(10 g) = 5.18 W/kg**

Maximum value of SAR (measured) = 11.2 W/kg

SCN/90893JD02/371: System Performance Check 1900MHz Head 08 02 13

Date: 08/02/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.6mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.24, 5.24, 5.24); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn450; Calibrated: 22/01/2013

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 16.1 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.0 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 19.3 W/kg

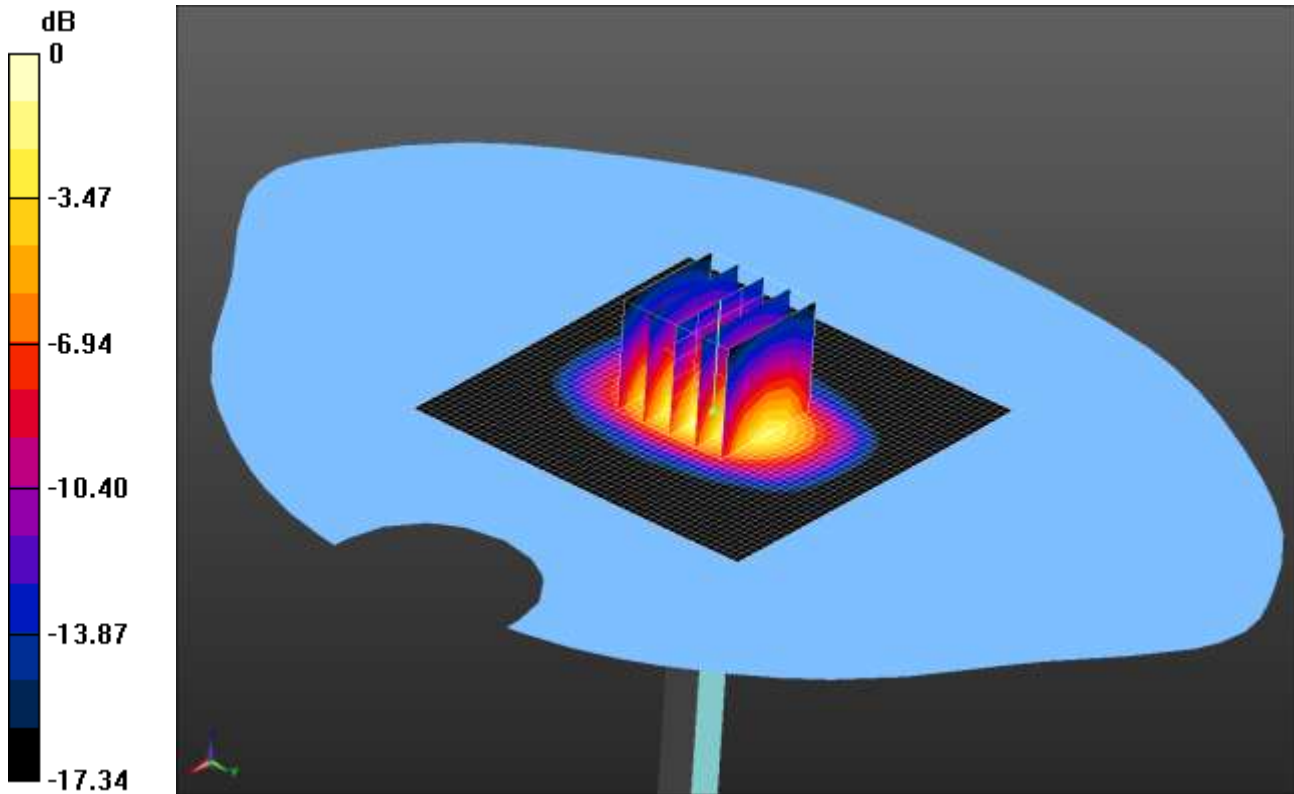
**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.31 mW/g**

Maximum value of SAR (measured) = 11.6 mW/g

SCN/90893JD02/372: System Performance Check 1900MHz Body 03 12 12

Date: 03/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.5 W/kg = 10.61 dBW/kg

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.7 (6848)

**Configuration/d=10mm, Pin=250mW/Area Scan (51x51x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm  
Maximum value of SAR (interpolated) = 16.0 W/kg

**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.502 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 16.9 W/kg

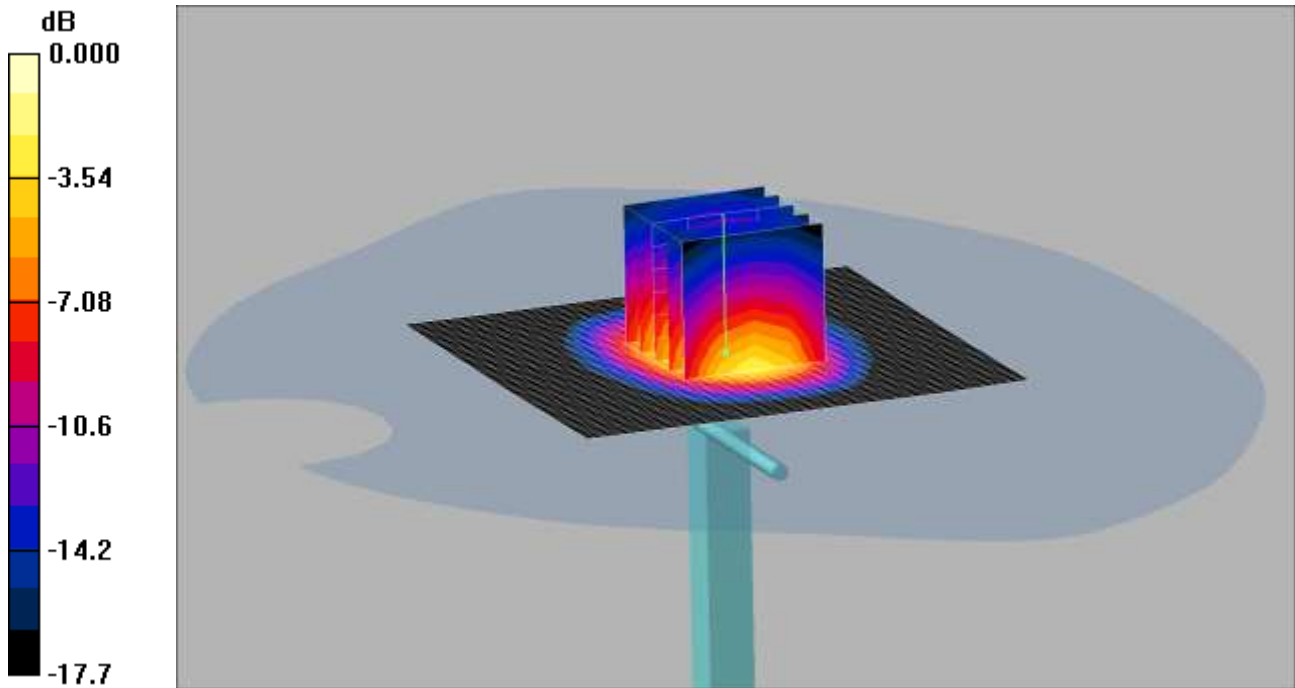
**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.39 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg

SCN/90893JD02/373: System Performance Check 1900MHz Body 04 12 12

Date: 04/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.6mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 15.1 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.6 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 17.1 W/kg

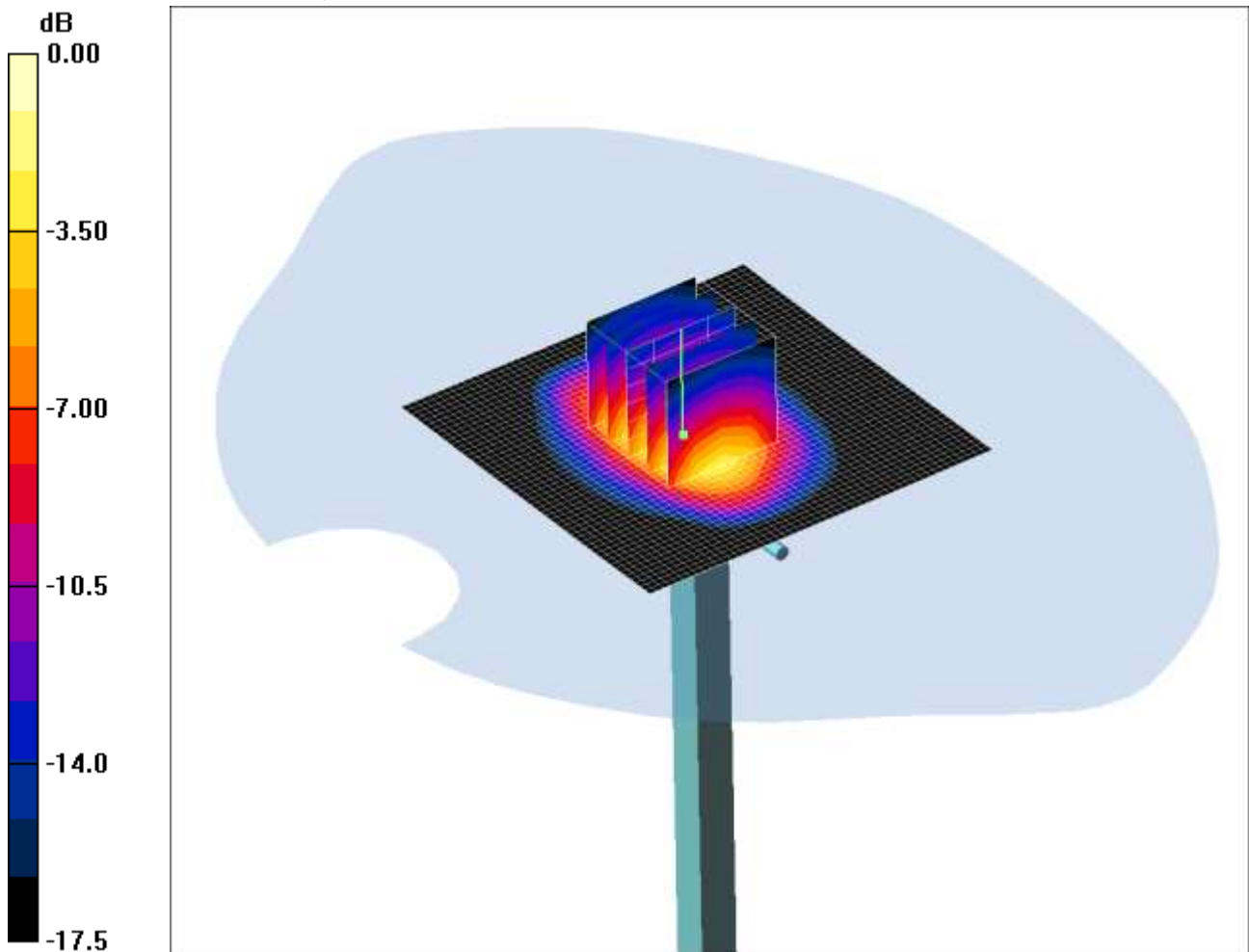
**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.42 mW/g**

Maximum value of SAR (measured) = 11.6 mW/g

SCN/90893JD02/374: System Performance Check 1900MHz Body 07 12 12

Date 07/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.4mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.4 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.2 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 18.2 W/kg

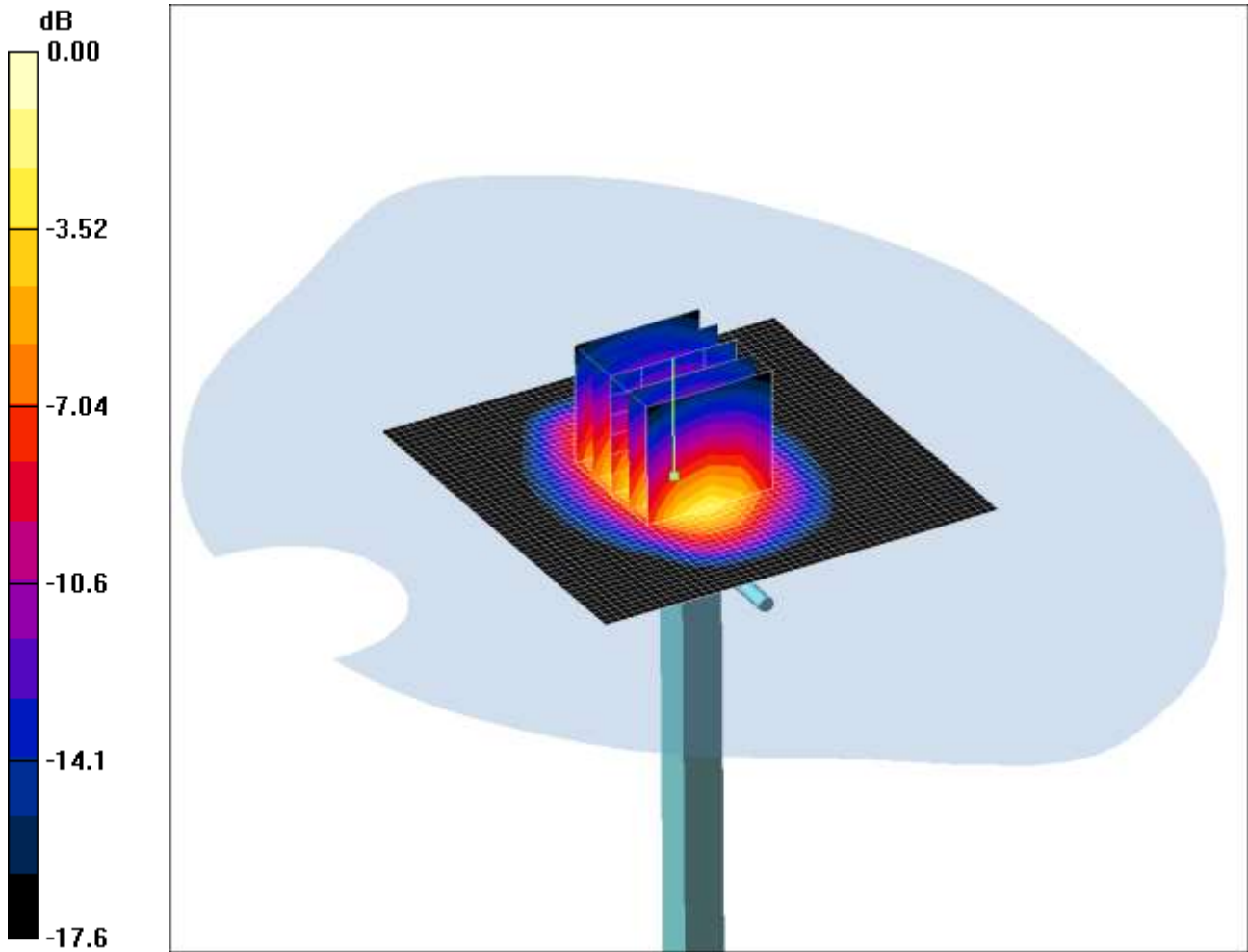
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.23 mW/g**

Maximum value of SAR (measured) = 11.4 mW/g

SCN/90893JD02/375: System Performance Check 1900MHz Body 09 12 12

Date 09/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.5 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.4 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.33 mW/g**

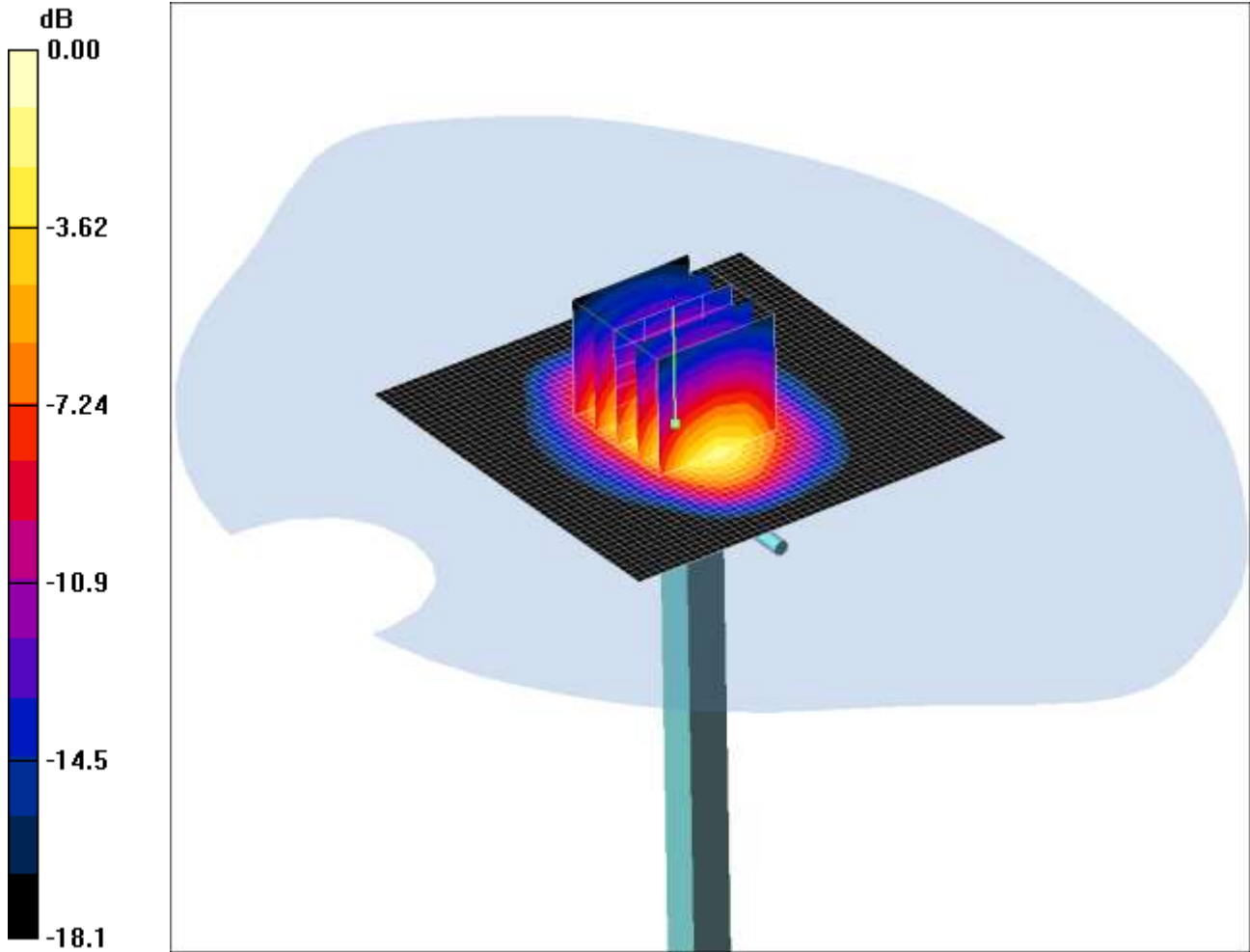
Maximum value of SAR (measured) = 11.7 mW/g



SCN/90893JD02/376: System Performance Check 1900MHz Body 10 12 12

Date: 10/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.4mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 13.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.8 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 18.4 W/kg

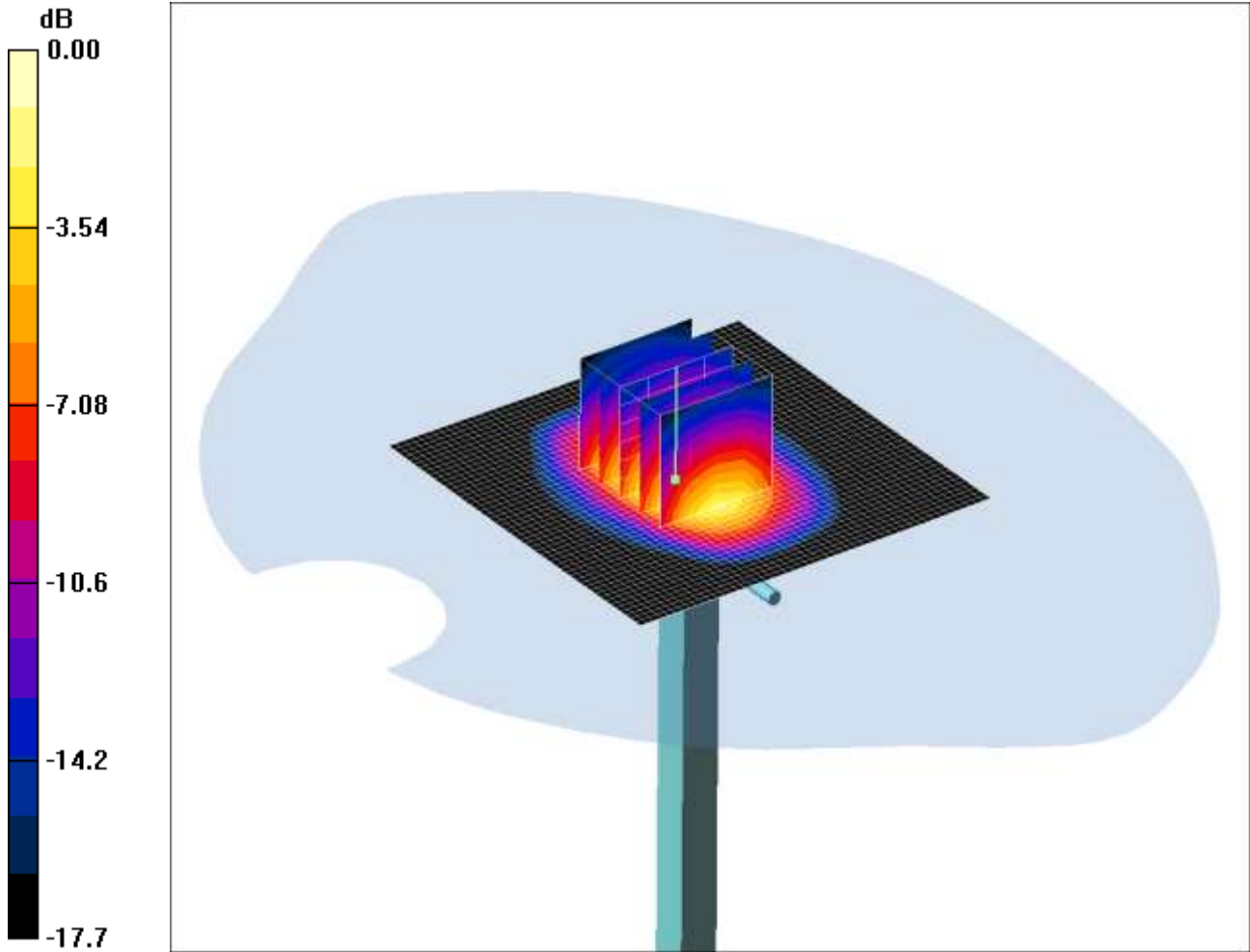
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.18 mW/g**

Maximum value of SAR (measured) = 11.4 mW/g

SCN/90893JD02/377: System Performance Check 1900MHz Body 11 12 12

Date: 11/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.6mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 14.0 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.9 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 18.4 W/kg

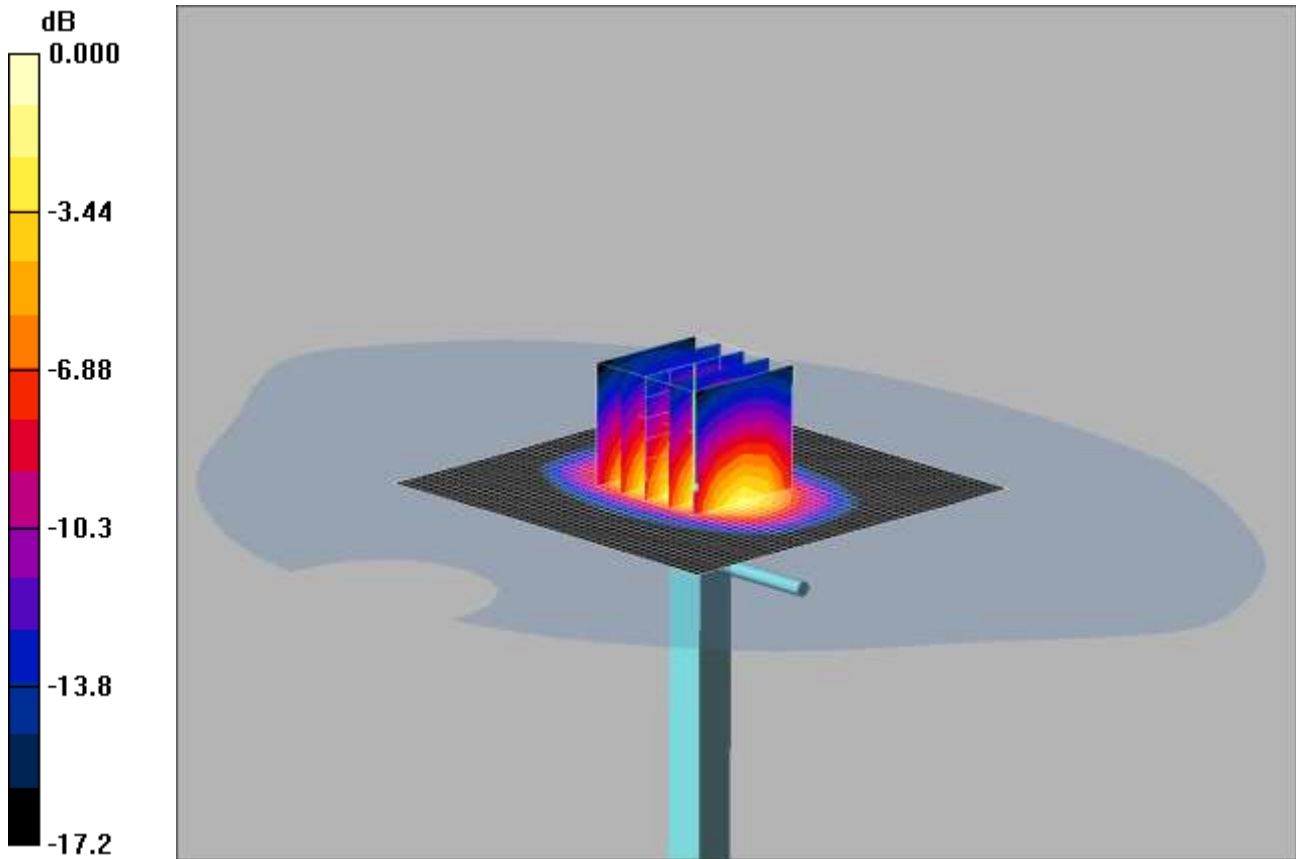
**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.32 mW/g**

Maximum value of SAR (measured) = 11.6 mW/g

SCN/90893JD02/378: System Performance Check 1900MHz Body 08 02 13

Date: 08/02/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.2mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.69, 4.69, 4.69); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 15.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.9 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 16.2 W/kg

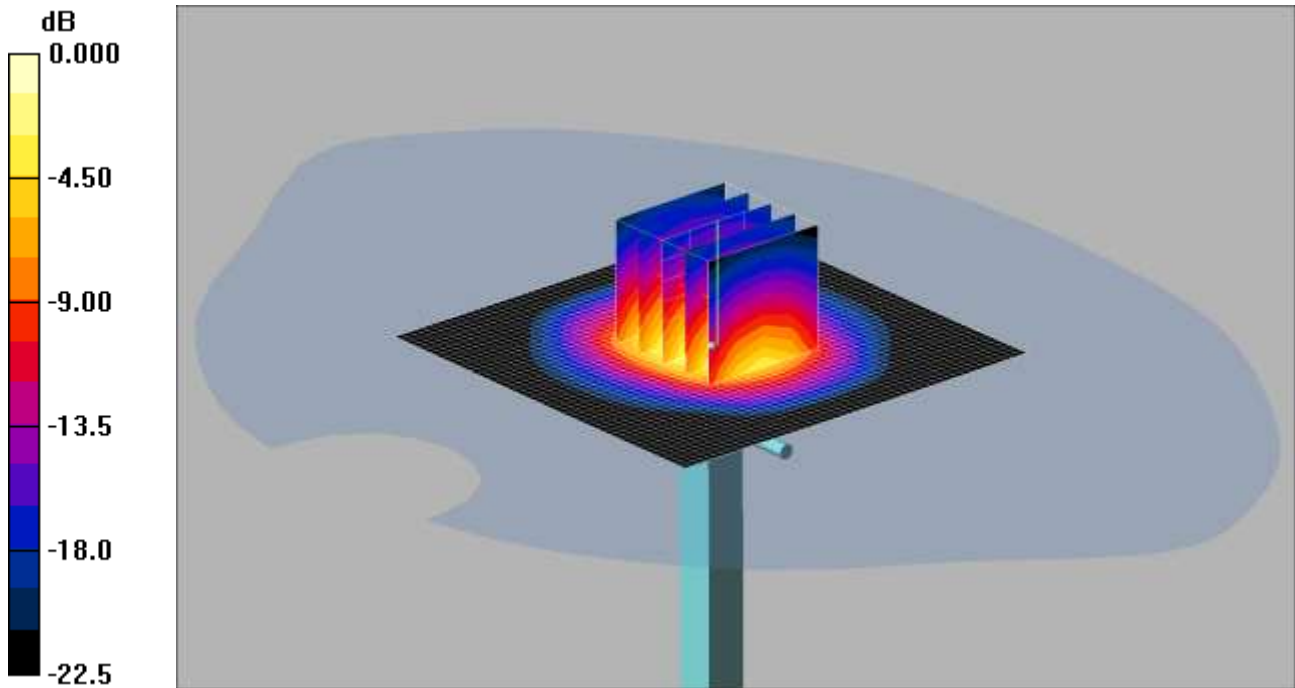
**SAR(1 g) = 9.88 mW/g; SAR(10 g) = 5.26 mW/g**

Maximum value of SAR (measured) = 11.2 mW/g

SCN/90893JD02/379: System Performance Check 2450MHz Head 12 12 12

Date: 12/12/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 14.3mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.52, 4.52, 4.52); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW 2/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 20.8 mW/g

**d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.8 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 26.9 W/kg

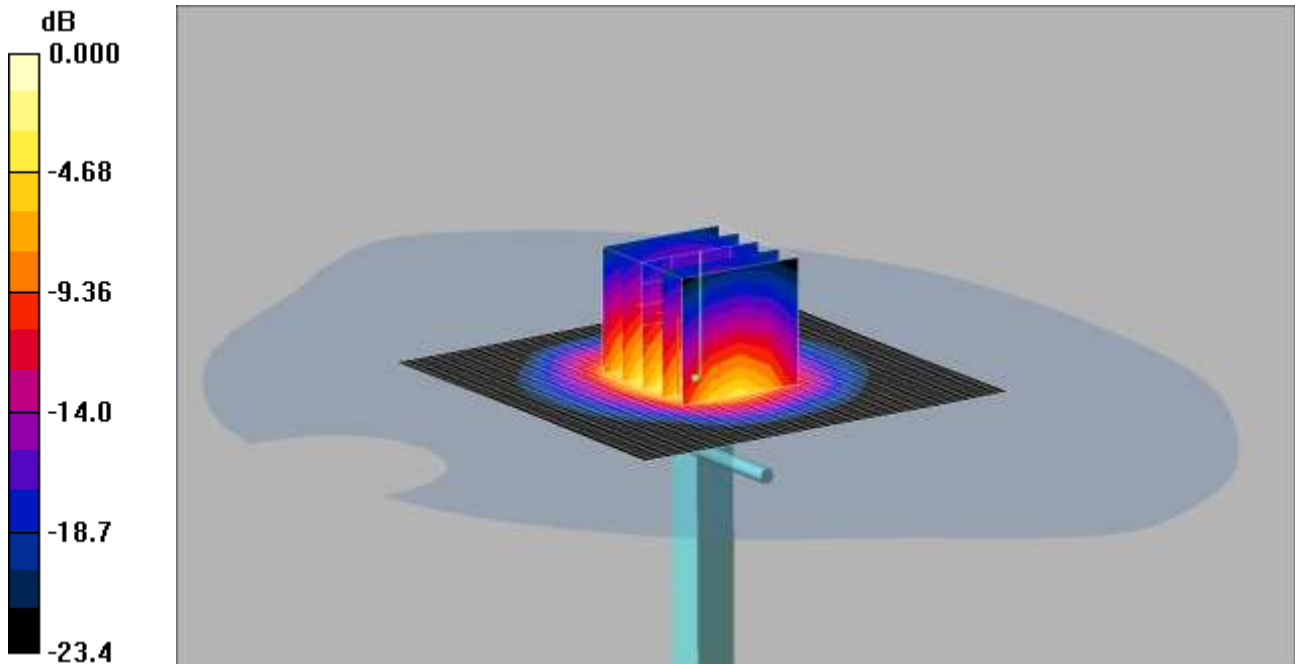
**SAR(1 g) = 12.9 mW/g; SAR(10 g) = 6.06 mW/g**

Maximum value of SAR (measured) = 14.3 mW/g

SCN/90893JD02/380: System Performance Check 2450MHz Body 11 12 12

Date: 11/12/2012

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



0 dB = 13.9mW/g

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.03 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(4.13, 4.13, 4.13); Calibrated: 11/05/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**d=10mm, Pin=250mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.7 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 27.8 W/kg

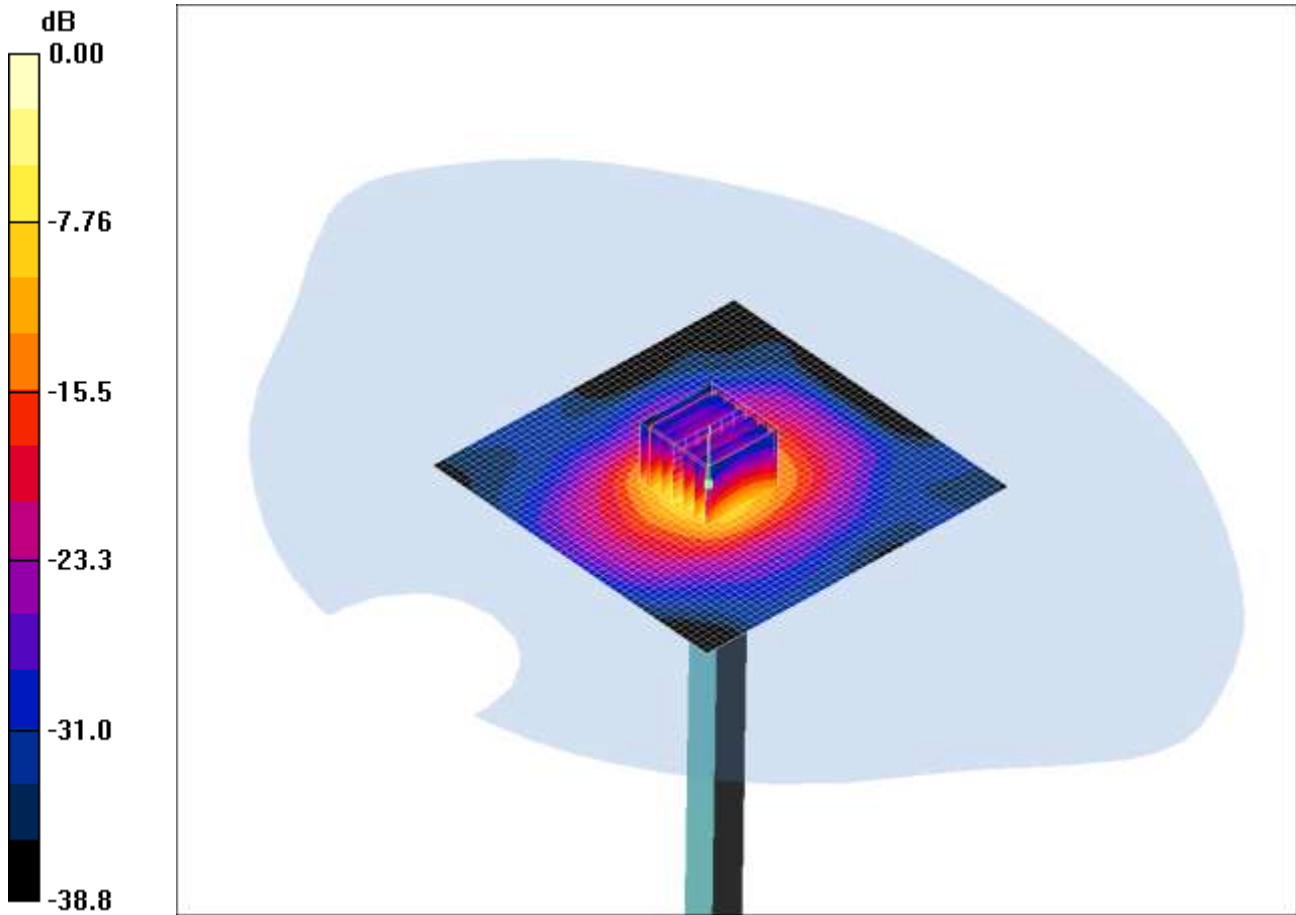
**SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.82 mW/g**

Maximum value of SAR (measured) = 13.9 mW/g

SCN/90893JD02/381: System Performance Check 5200 MHz Head 17 12 12

Date: 17/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.9mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.74$  mho/m;  $\epsilon_r = 34.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.77 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 40.4 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 29.6 W/kg

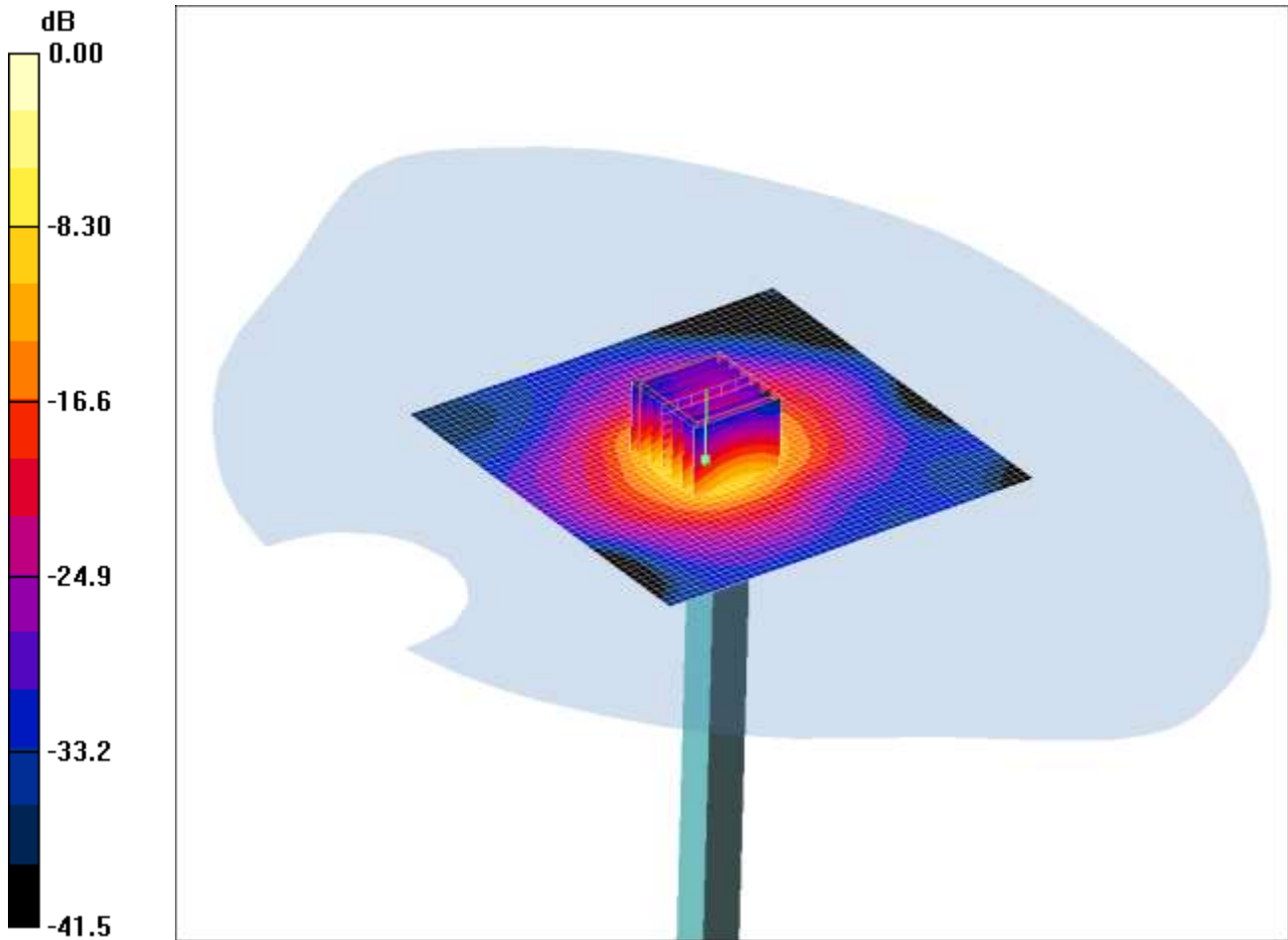
**SAR(1 g) = 7.61 mW/g; SAR(10 g) = 2.17 mW/g**

Maximum value of SAR (measured) = 15.9 mW/g

SCN/90893JD02/382: System Performance Check 5200 MHz Head 18 12 12

Date: 18/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.4mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.74$  mho/m;  $\epsilon_r = 34.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.68 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 40.9 V/m; Power Drift = -0.292 dB

Peak SAR (extrapolated) = 29.9 W/kg

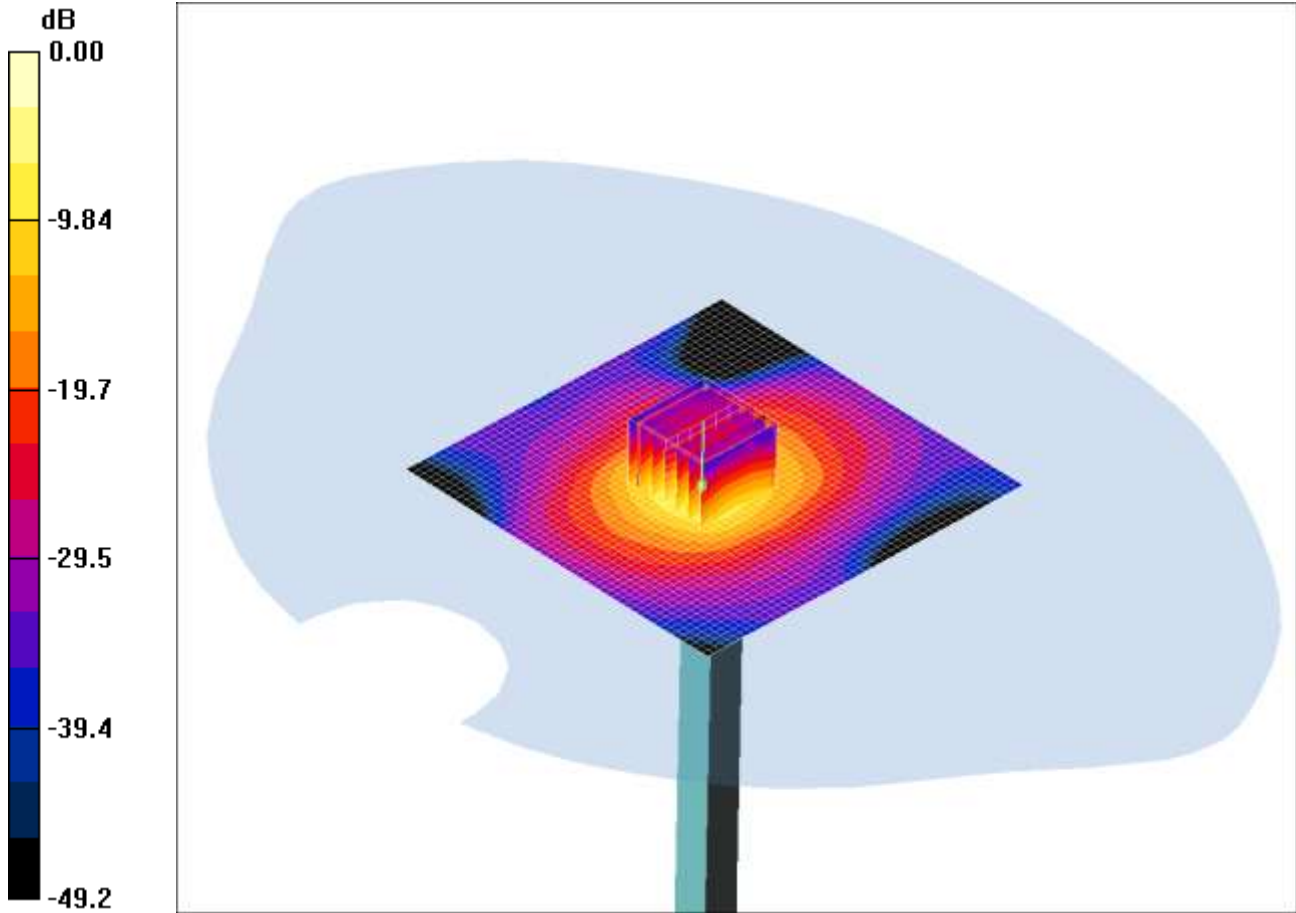
**SAR(1 g) = 7.81 mW/g; SAR(10 g) = 2.23 mW/g**

Maximum value of SAR (measured) = 15.4 mW/g

SCN/90893JD02/383: System Performance Check 5500 MHz Head 17 12 12

Date: 17/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 18.0mW/g

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.97$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 5.14 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 42.1 V/m; Power Drift = -0.314 dB

Peak SAR (extrapolated) = 34.2 W/kg

**SAR(1 g) = 8.46 mW/g; SAR(10 g) = 2.4 mW/g**

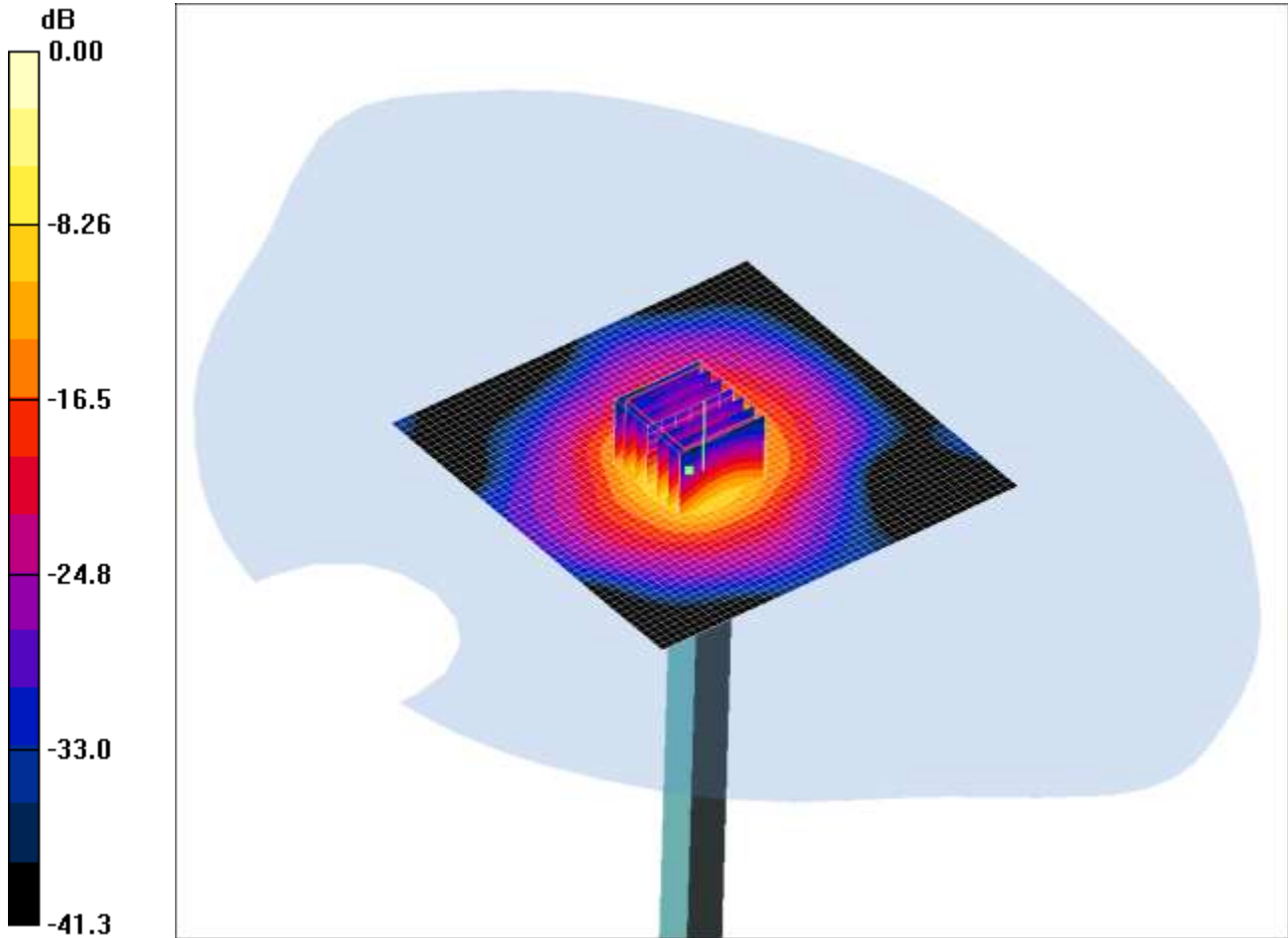
Maximum value of SAR (measured) = 18.0 mW/g



SCN/90893JD02/384: System Performance Check 5500 MHz Head 18 12 12

Date: 18/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 17.1mW/g

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.97$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.90 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 40.7 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 34.1 W/kg

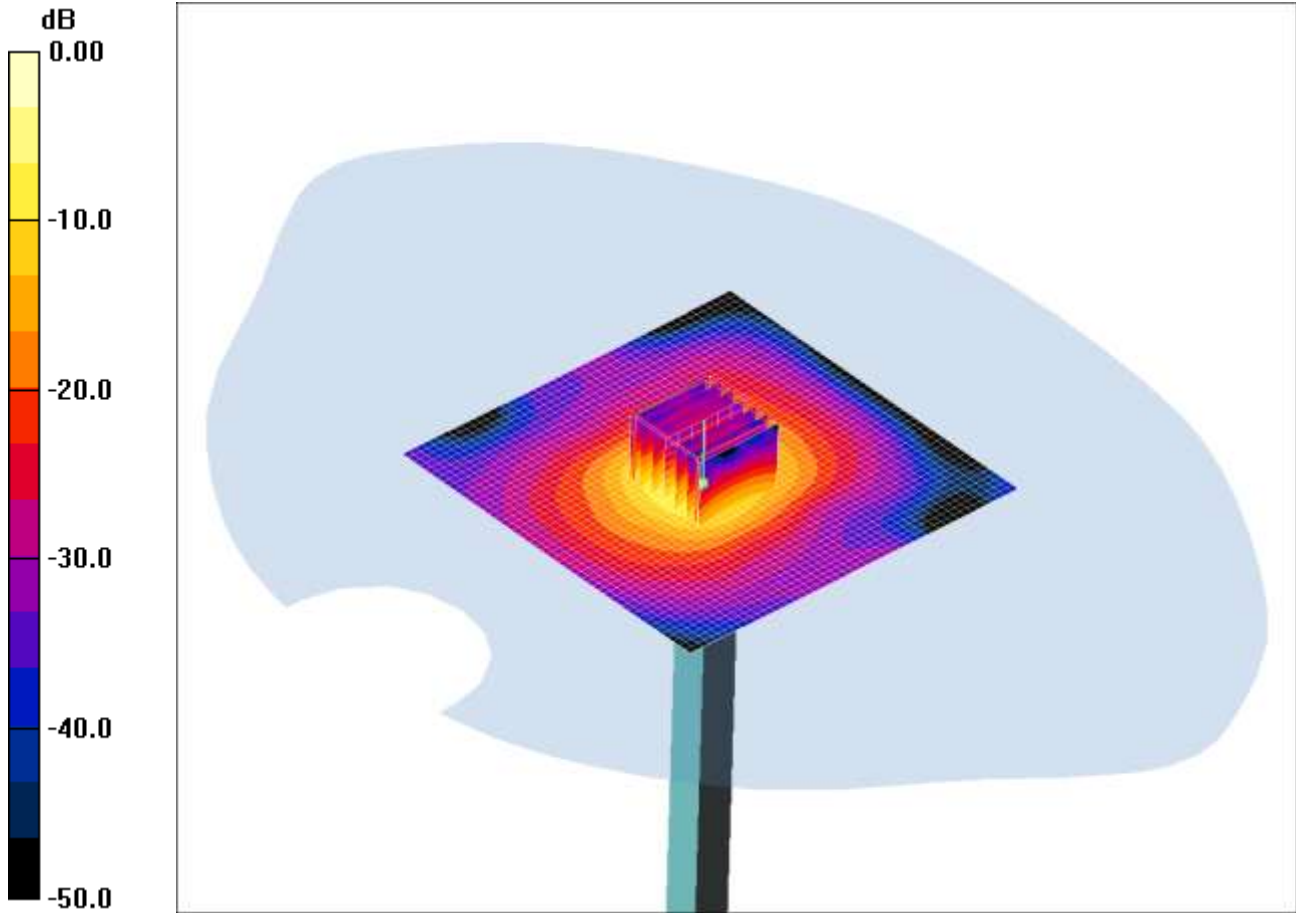
**SAR(1 g) = 8.54 mW/g; SAR(10 g) = 2.41 mW/g**

Maximum value of SAR (measured) = 17.1 mW/g

SCN/90893JD02/385: System Performance Check 5800 MHz Head 17 12 12

Date: 17/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.6mW/g

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 33.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.67 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 37.0 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 31.4 W/kg

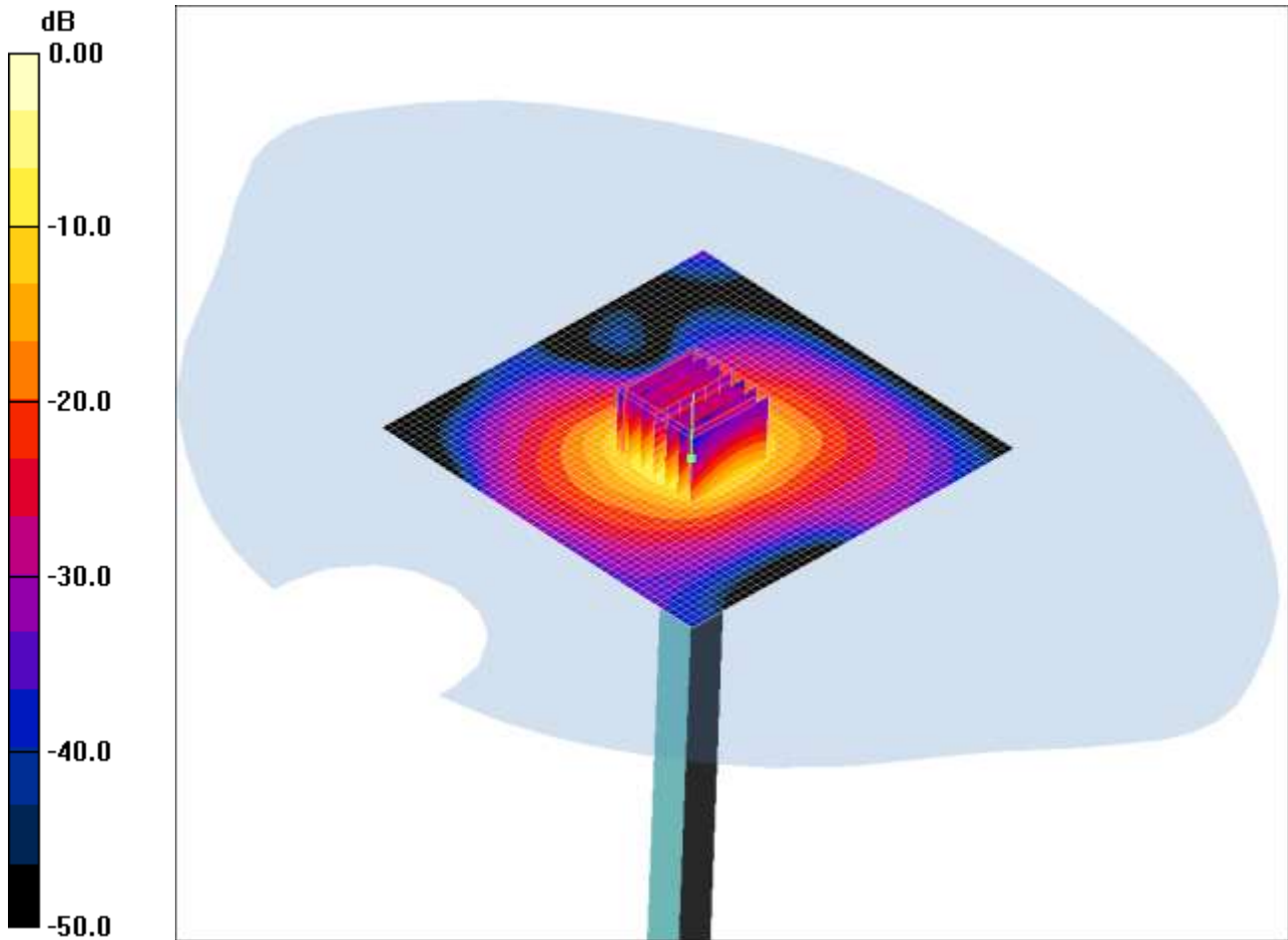
**SAR(1 g) = 7.51 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 15.6 mW/g

SCN/90893JD02/386: System Performance Check 5800 MHz Head 18 12 12

Date: 18/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.0mW/g

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500 MHz HSL Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 33.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 5.34 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 35.5 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 33.6 W/kg

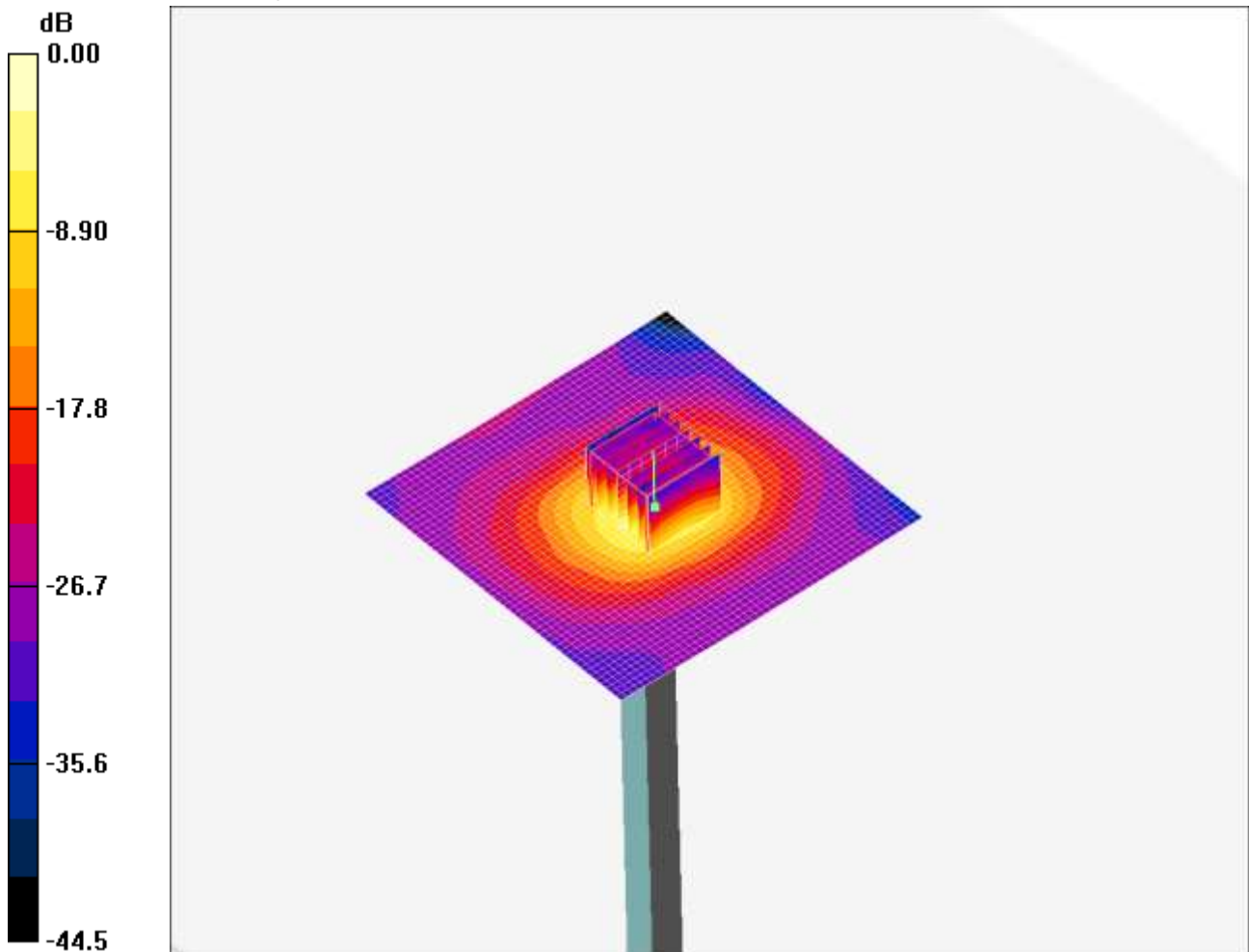
**SAR(1 g) = 8.08 mW/g; SAR(10 g) = 2.3 mW/g**

Maximum value of SAR (measured) = 16.0 mW/g

SCN/90893JD02/387: System Performance Check 5200 MHz Body 13 12 12

Date 13/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 13.8mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 7.88 mW/g

**d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 55.9 V/m; Power Drift = -0.396 dB

Peak SAR (extrapolated) = 27.7 W/kg

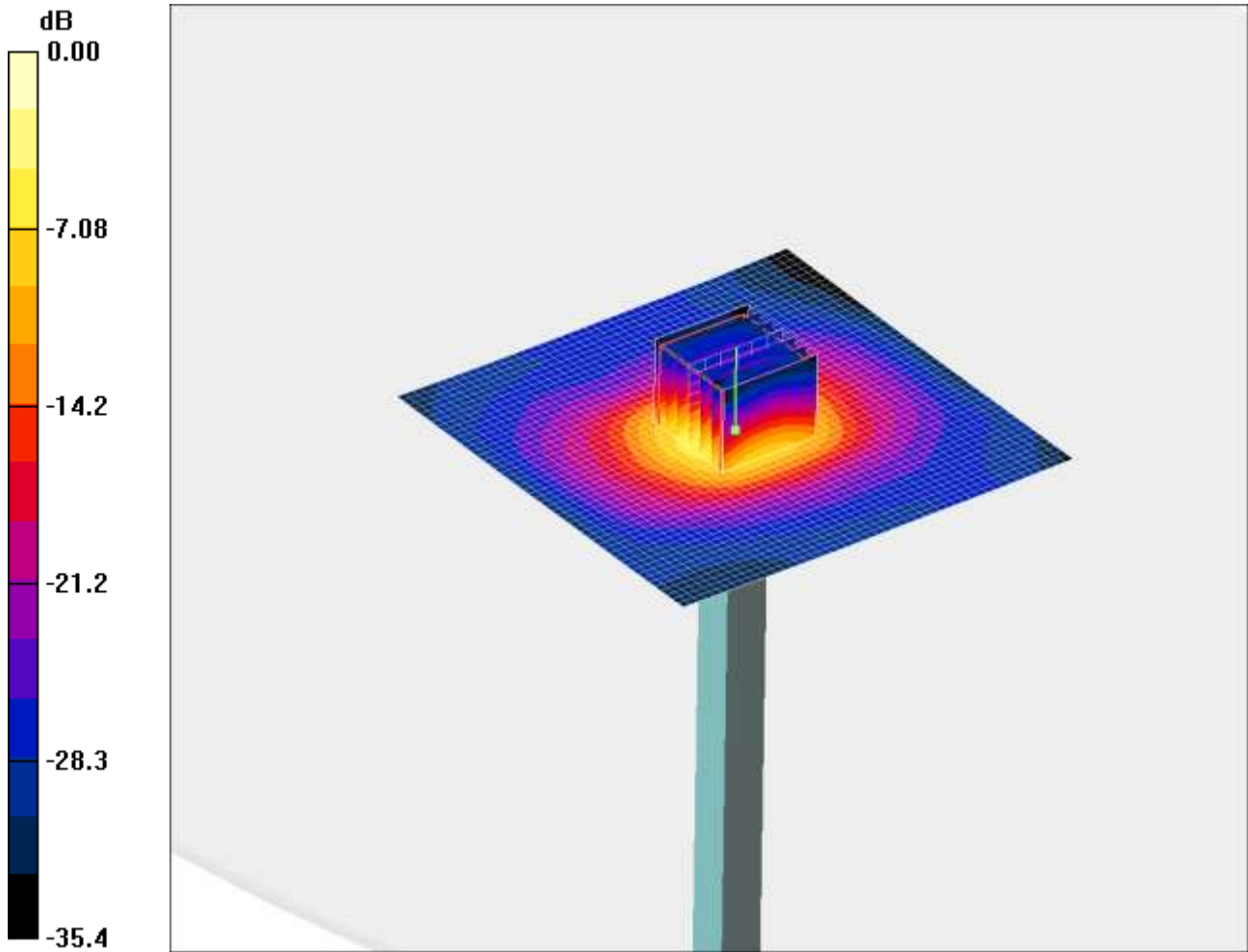
**SAR(1 g) = 7.56 mW/g; SAR(10 g) = 2.18 mW/g**

Maximum value of SAR (measured) = 13.8 mW/g

SCN/90893JD02/388: System Performance Check 5200 MHz Body 14 12 12

Date: 14/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 13.9mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW 2/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 9.26 mW/g

**d=10mm, Pin=100mW 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 54.4 V/m; Power Drift = -0.278 dB

Peak SAR (extrapolated) = 27.3 W/kg

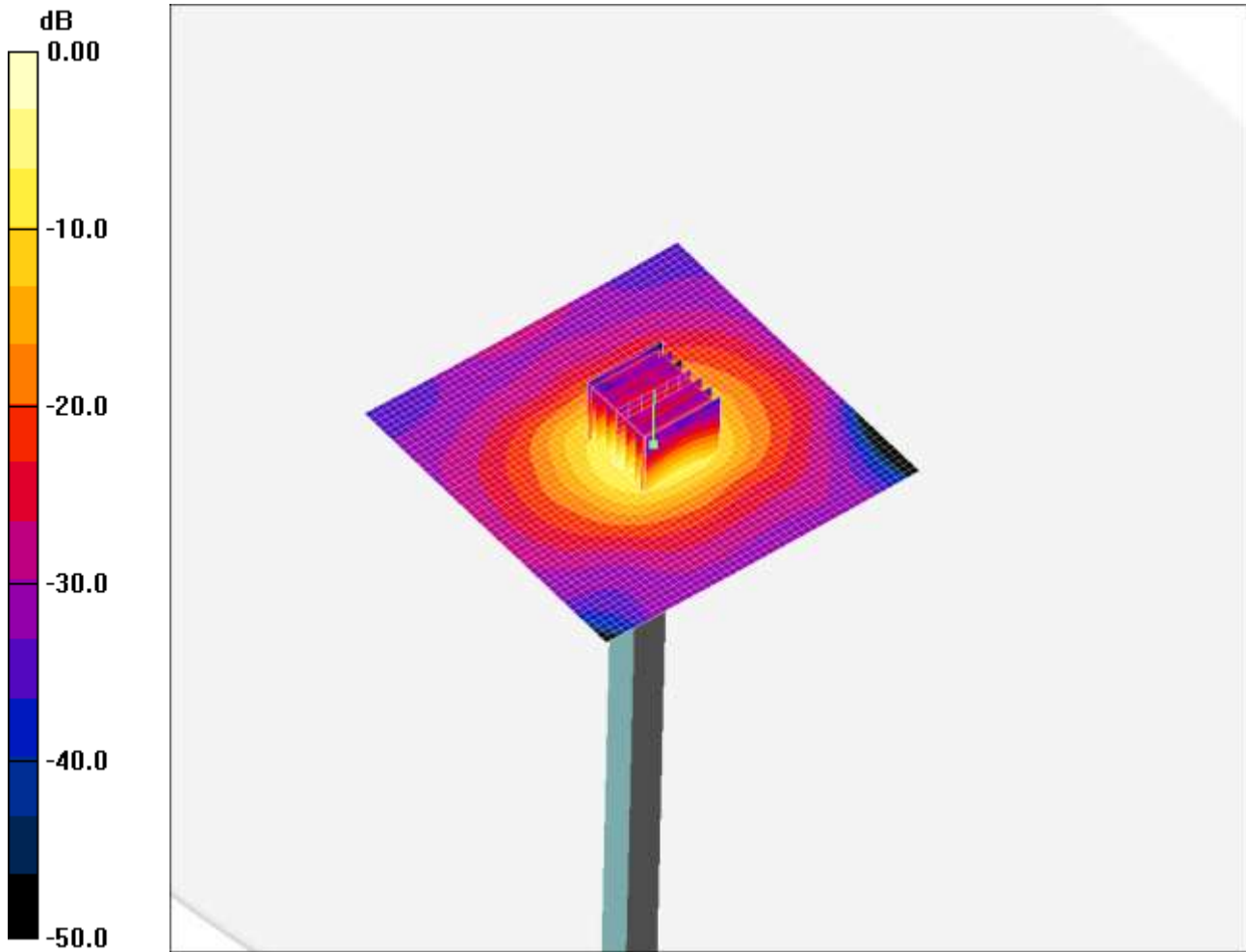
**SAR(1 g) = 7.49 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 13.9 mW/g

SCN/90893JD02/389: System Performance Check 5500 MHz Body 13 12 12

Date 13/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.5mW/g

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.75$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW 2/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 8.00 mW/g

**d=10mm, Pin=100mW 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 53.5 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 32.3 W/kg

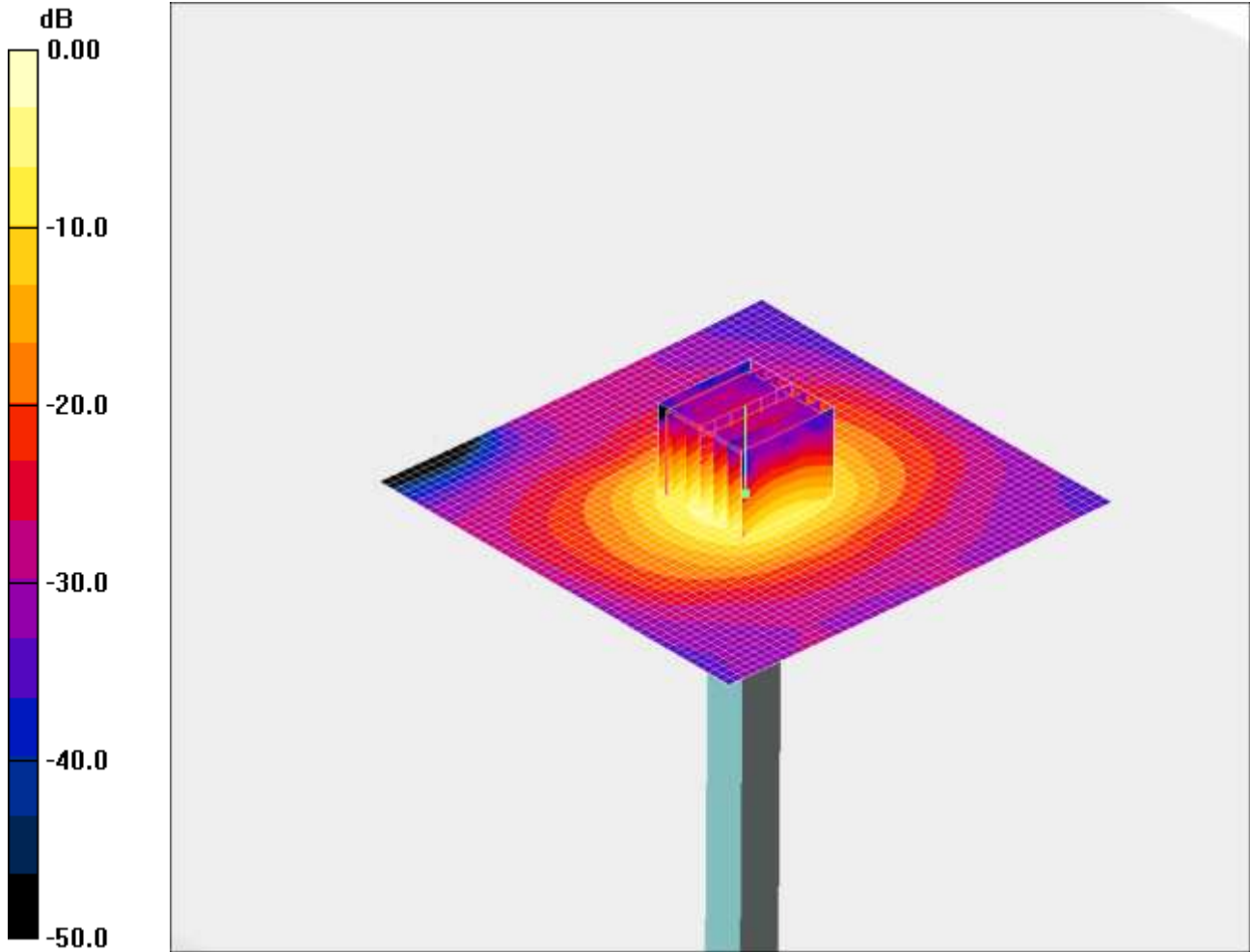
**SAR(1 g) = 8.32 mW/g; SAR(10 g) = 2.34 mW/g**

Maximum value of SAR (measured) = 15.5 mW/g

SCN/90893JD02/390: System Performance Check 5500 MHz Body 14 12 12

Date: 14/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 14.2mW/g

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.75$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW 2/Area Scan (51x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 8.64 mW/g

**d=10mm, Pin=100mW 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 54.9 V/m; Power Drift = -0.440 dB

Peak SAR (extrapolated) = 29.7 W/kg

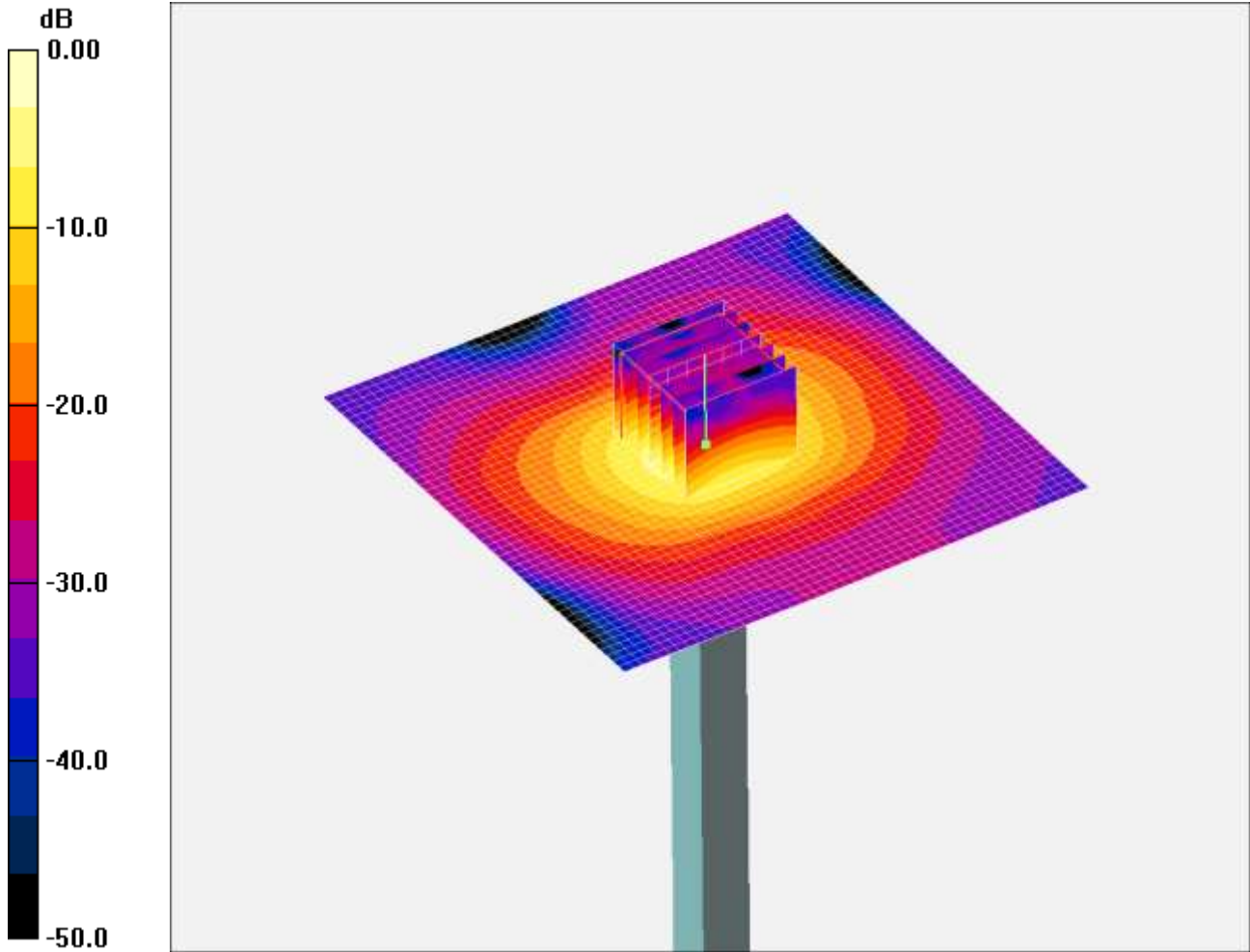
**SAR(1 g) = 7.87 mW/g; SAR(10 g) = 2.23 mW/g**

Maximum value of SAR (measured) = 14.2 mW/g

SCN/90893JD02/391: System Performance Check 5800 MHz Body 14 12 12

Date: 14/12/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 13.0mW/g

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.02 \text{ mho/m}$ ;  $\epsilon_r = 46.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**d=10mm, Pin=100mW 2/Area Scan (51x51x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 6.94 mW/g

**d=10mm, Pin=100mW 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value = 51.1 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 26.7 W/kg

**SAR(1 g) = 6.96 mW/g; SAR(10 g) = 1.95 mW/g**

Maximum value of SAR (measured) = 13.0 mW/g