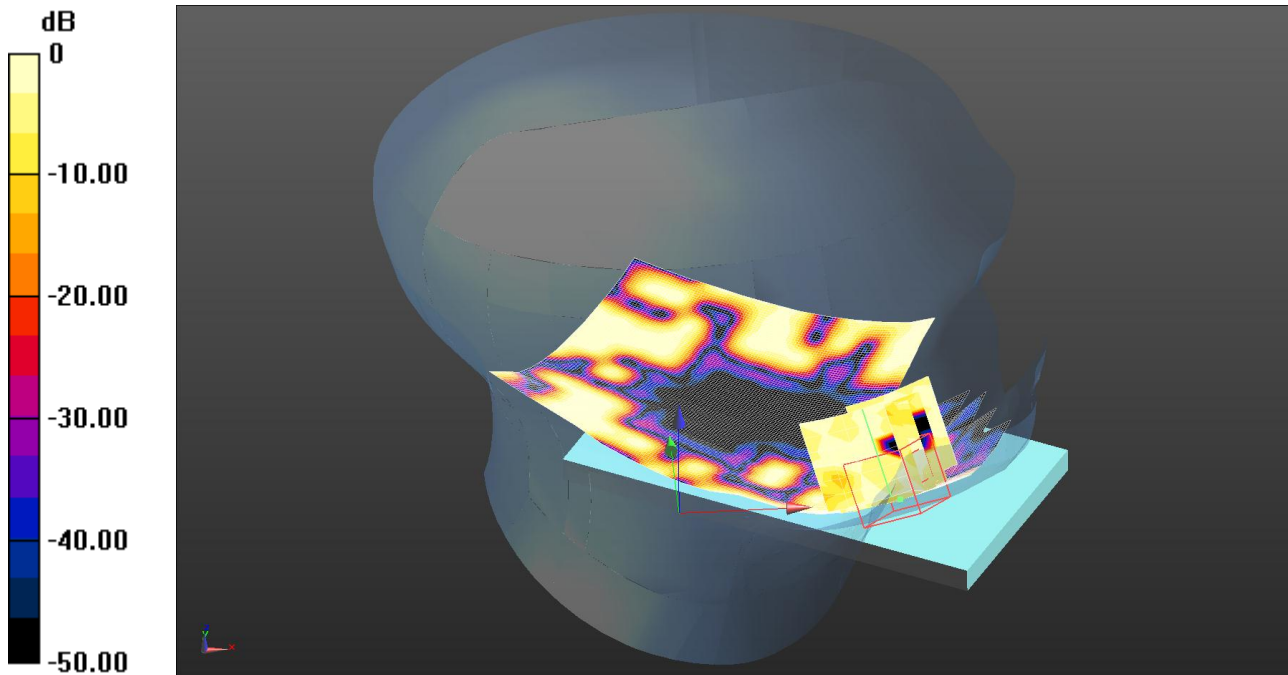


096: Touch Left 802.11a 5.2GHz CH48

Date: 12/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0115 W/kg = -19.39 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1  
 Medium: 5200 MHz HSL Medium parameters used (interpolated): f = 5240 MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 34.955$ ;  $\rho = 1000$  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)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Touch Left - Middle 2/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0413 W/kg

**Configuration/Touch Left - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.752 V/m; Power Drift = 2.50 dB

Peak SAR (extrapolated) = 0.0180 W/kg

**SAR(1 g) = 0.00591 W/kg; SAR(10 g) = 0.00198 W/kg**

Maximum value of SAR (measured) = 0.0115 W/kg

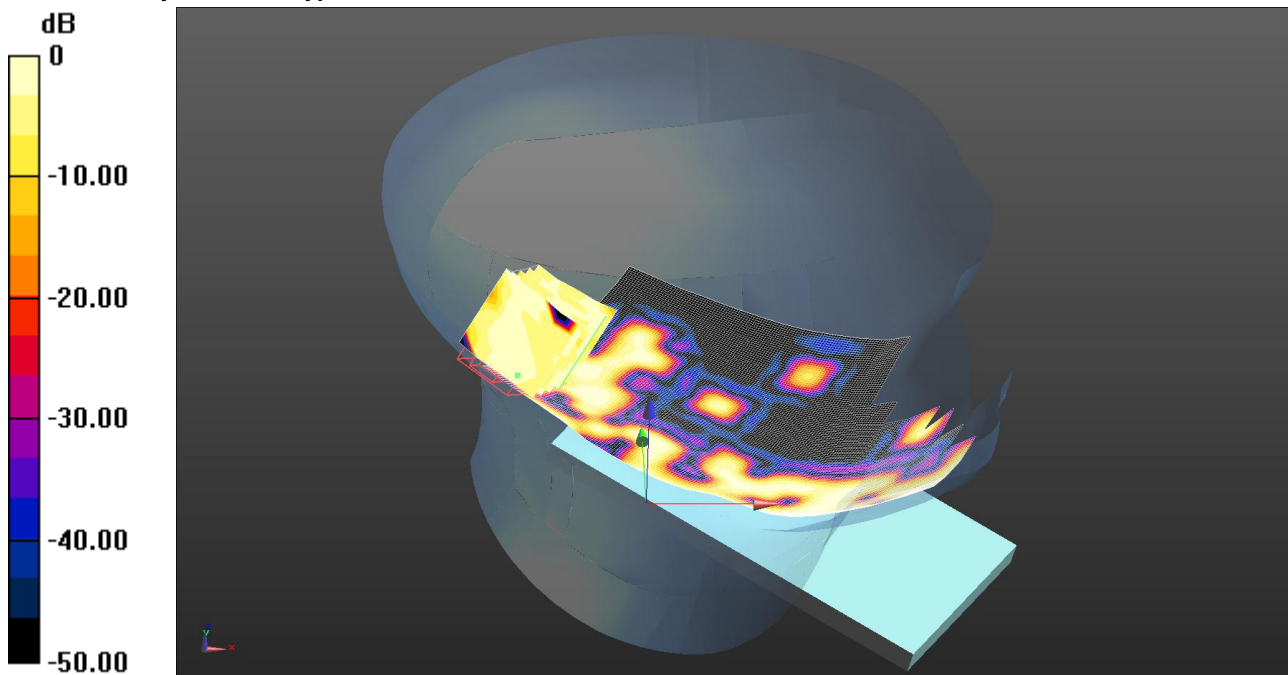
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

097: Tilt Left 802.11a 5.2GHz CH48

Date: 12/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0108 W/kg = -19.67 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1  
 Medium: 5200 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 34.955$ ;  $\rho = 1000$  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)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Tilt Left - Middle 2/Area Scan (111x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.0214 W/kg

**Configuration/Tilt Left - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 0.920 V/m; Power Drift = 0.50 dB

Peak SAR (extrapolated) = 0.0130 W/kg

**SAR(1 g) = 0.00829 W/kg; SAR(10 g) = 0.00628 W/kg**

Maximum value of SAR (measured) = 0.0108 W/kg

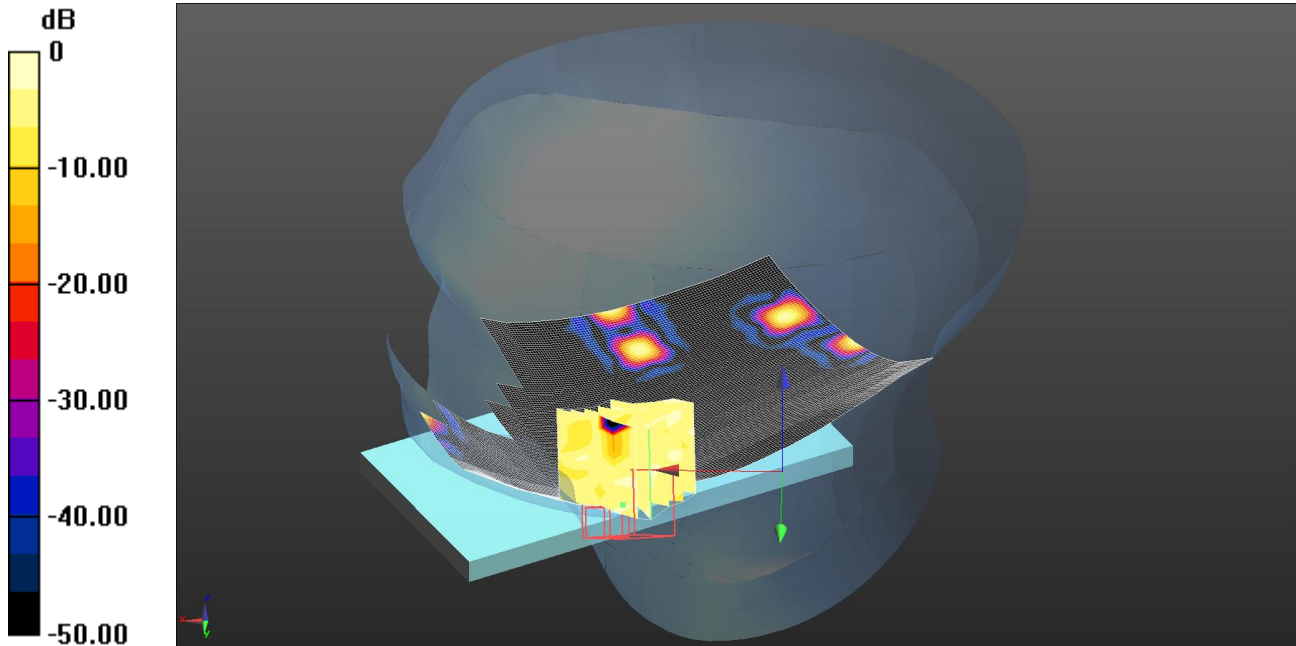
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

098: Touch Right 802.11a 5.2GHz CH48

Date: 13/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0147 W/kg = -18.33 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.71$  S/m;  $\epsilon_r = 35.977$ ;  $\rho = 1000$  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)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Touch Right - Middle 2/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0147 W/kg

**Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.013 V/m; Power Drift = 0.97 dB

Peak SAR (extrapolated) = 0.0150 W/kg

**SAR(1 g) = 0.0083 W/kg; SAR(10 g) = 0.00453 W/kg**

Maximum value of SAR (measured) = 0.0147 W/kg

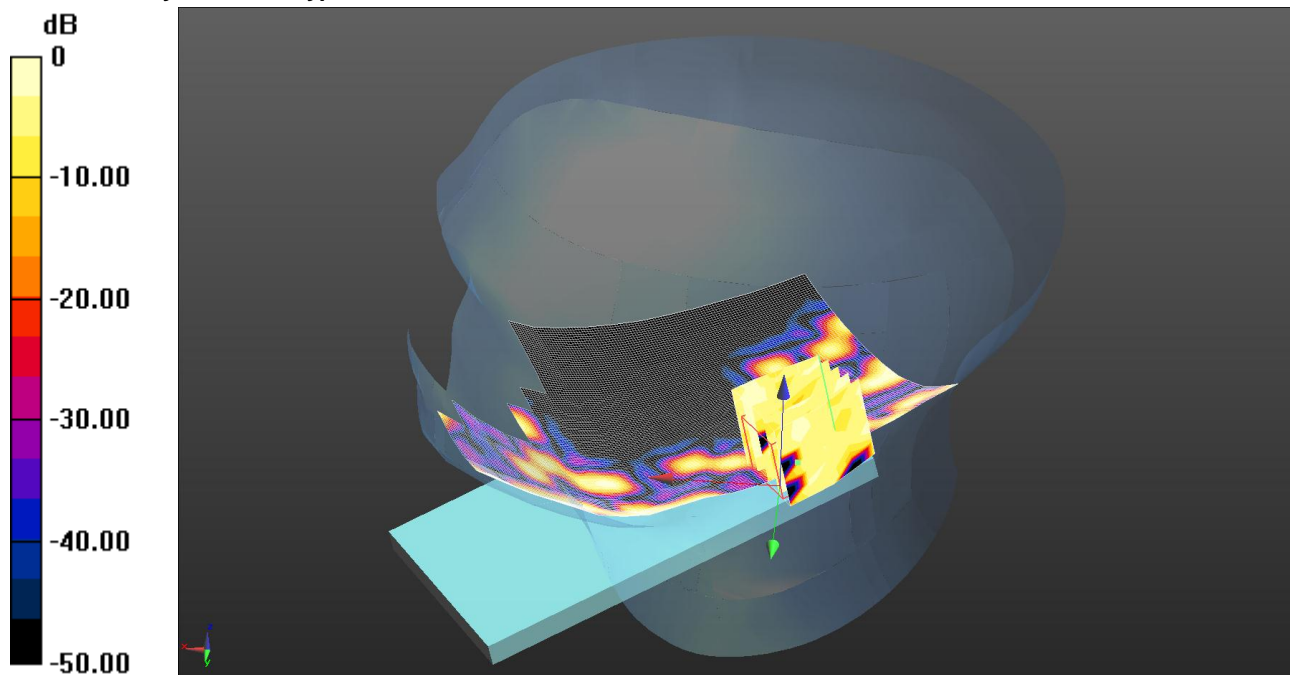
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

099: Tilt Right 802.11a 5.2GHz CH48

Date: 13/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0138 W/kg = -18.60 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.71$  S/m;  $\epsilon_r = 35.977$ ;  $\rho = 1000$  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)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Tilt Right - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0254 W/kg

**Configuration/Tilt Right - Middle/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.080 V/m; Power Drift = 1.05 dB

Peak SAR (extrapolated) = 0.0150 W/kg

**SAR(1 g) = 0.00852 W/kg; SAR(10 g) = 0.00471 W/kg**

Maximum value of SAR (measured) = 0.0138 W/kg

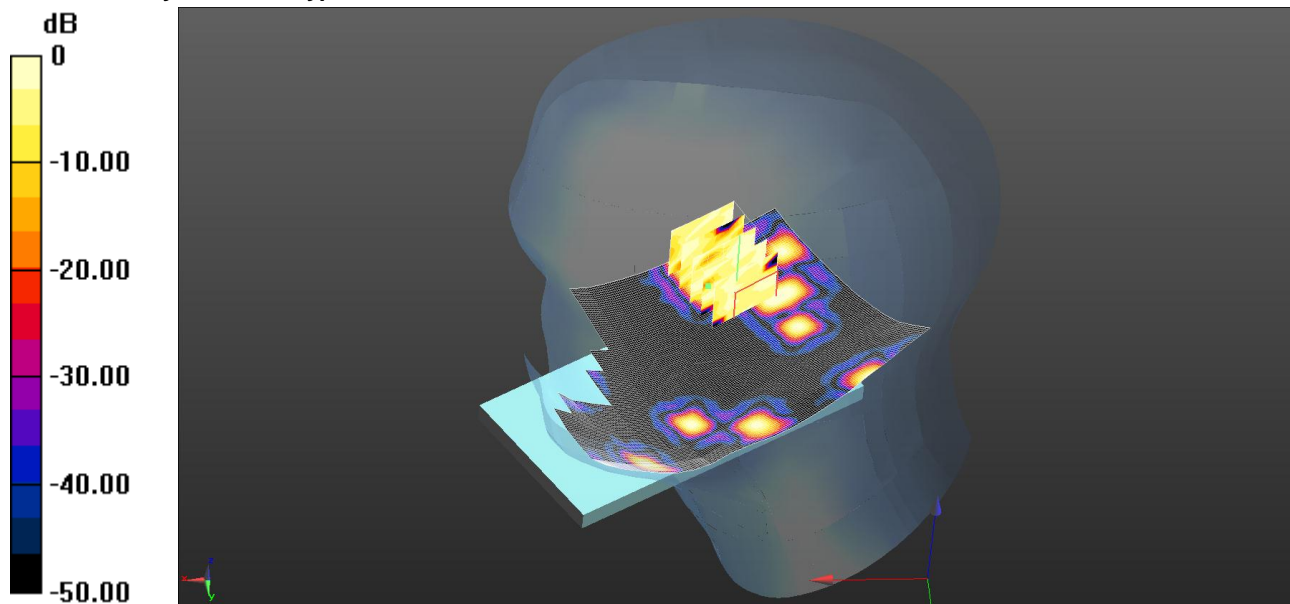
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

100: Touch Right 802.11a 5.2GHz CH52

Date: 15/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0106 W/kg = -19.75 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 4.795$  S/m;  $\epsilon_r = 35.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012;

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

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Touch Right - Middle 2/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0179 W/kg

**Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.234 V/m; Power Drift = -0.77 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.0059 W/kg; SAR(10 g) = 0.00191 W/kg**

Maximum value of SAR (measured) = 0.0106 W/kg

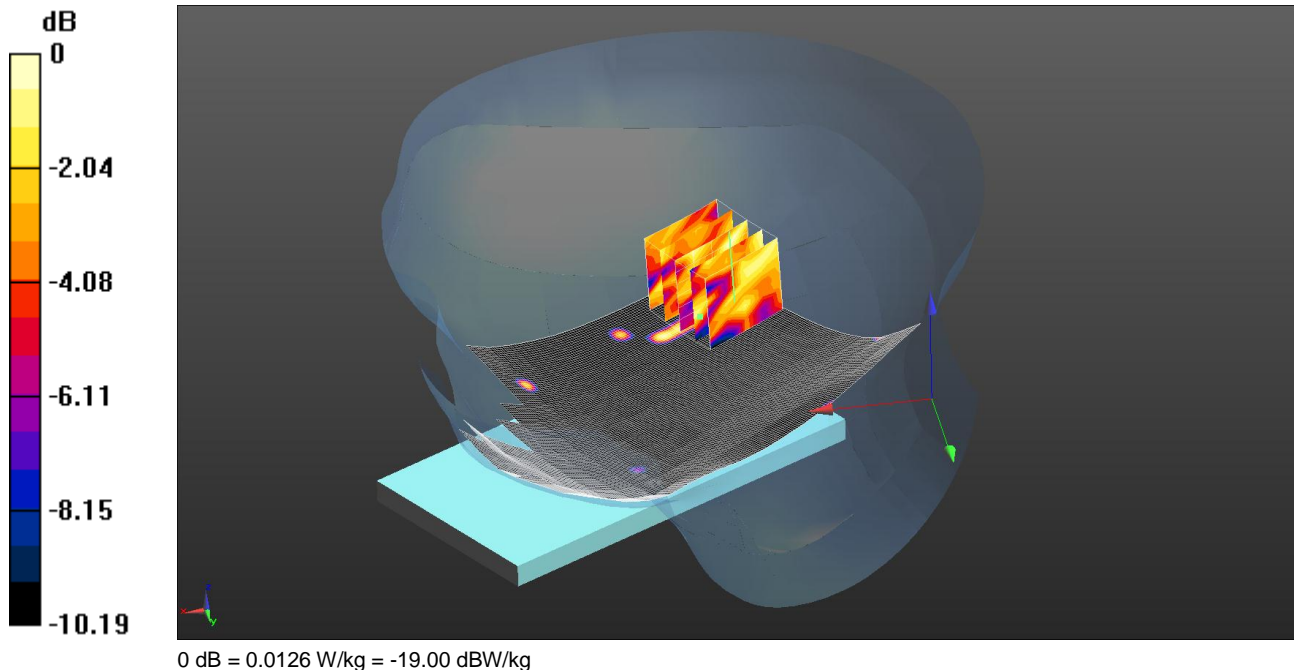
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

101: Touch Right 802.11a 5.2GHz CH157

Date: 15/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5785 MHz; Duty Cycle: 1:1  
 Medium: 5200 MHz HSL Medium parameters used (interpolated):  $f = 5785$  MHz;  $\sigma = 5.303$  S/m;  $\epsilon_r = 35.032$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Touch Right - Middle 2/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0119 W/kg

**Configuration/Touch Right - Middle 2/Zoom Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.957 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 0.0130 W/kg

**SAR(1 g) = 0.00723 W/kg; SAR(10 g) = 0.00425 W/kg**

Maximum value of SAR (measured) = 0.0126 W/kg

**Note: SAR level measured is very low as equivalent to noise floor.**

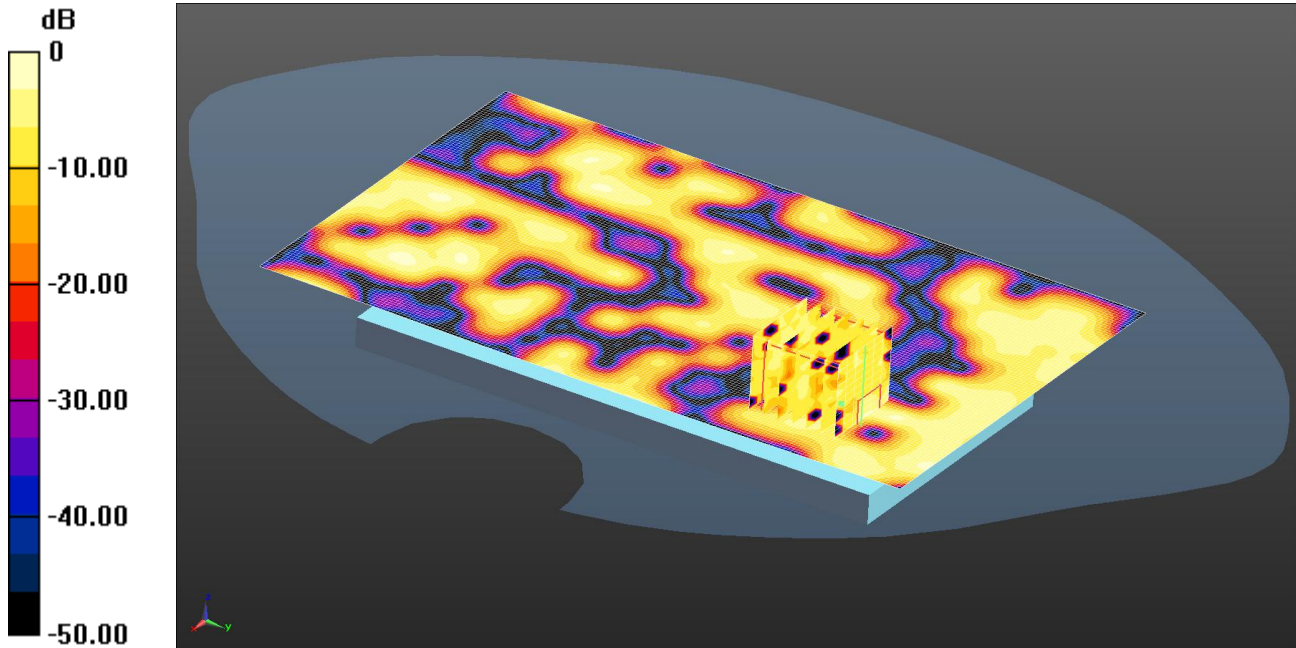
Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.



102: Front of EUT Facing Phantom 802.11a 5.2GHz CH48

Date: 12/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0395 W/kg = -14.03 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 47.67$ ;  $\rho = 1000$  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: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Front of EUT Facing Phantom - Middle 2 2 /Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0401 W/kg

**Configuration/Front of EUT Facing Phantom - Middle 2 2 /Zoom Scan (7x7x12) (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.041 V/m; Power Drift = 0.33 dB

Peak SAR (extrapolated) = 0.0910 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00541 W/kg**

Maximum value of SAR (measured) = 0.0395 W/kg

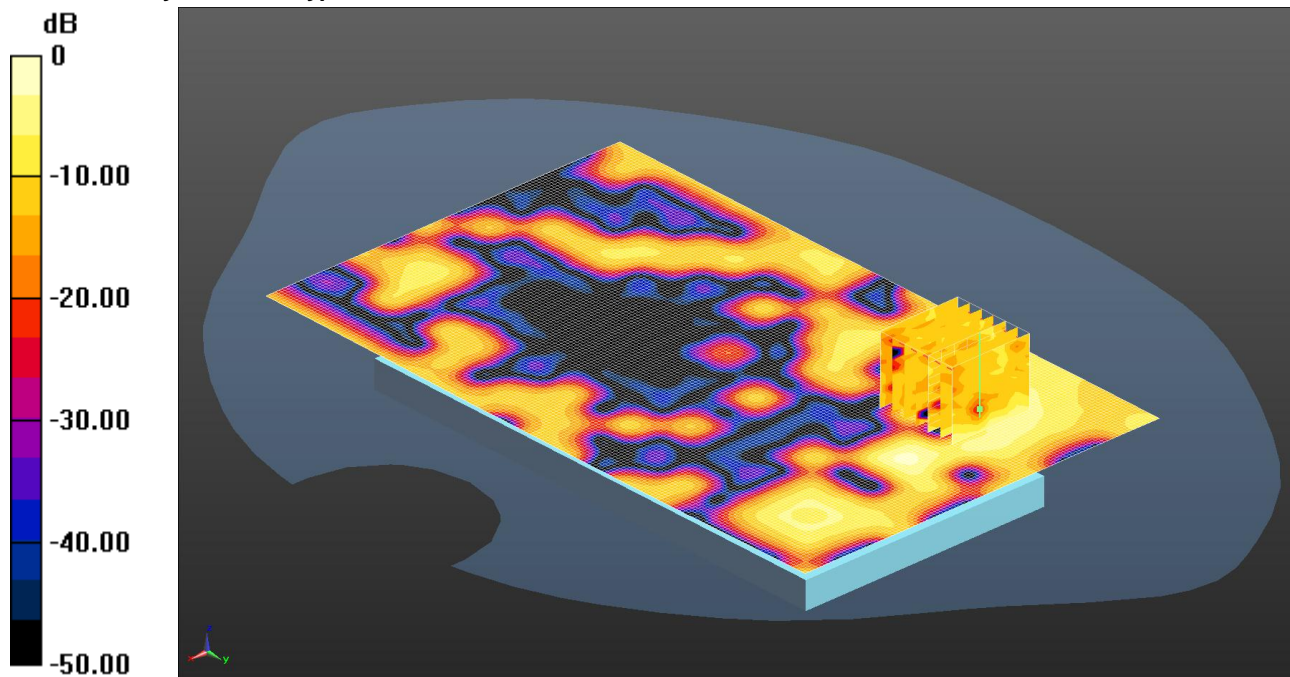
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

103: Back of EUT Facing Phantom 802.11a 5.2GHz CH48

Date: 12/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0954 W/kg = -10.20 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 47.67$ ;  $\rho = 1000$  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: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Front of EUT Facing Phantom - Middle 2 2 /Area Scan (111x181x1):** Interpolated grid:

$dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.0744 W/kg

**Configuration/Front of EUT Facing Phantom - Middle 2 2 /Zoom Scan (7x7x12) (7x7x12)/Cube 0:**

Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.540 V/m; Power Drift = 0.48 dB

Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0954 W/kg

**Note: SAR level measured is very low as equivalent to noise floor.**

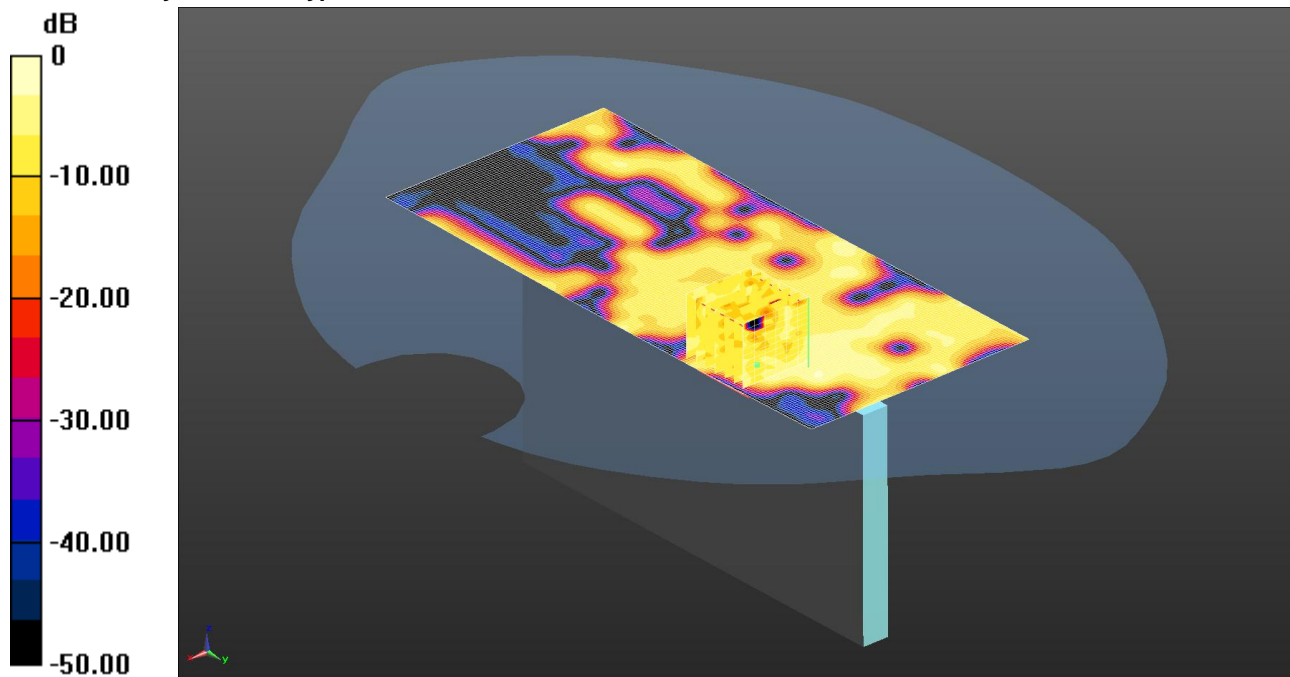
Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.



104: Left Hand Side of EUT Facing Phantom 802.11a 5.2GHz CH48

Date: 12/07/2013

DUT: Sony Honami ; Type: Honami Rex; Serial: PM-0500-BV



0 dB = 0.0440 W/kg = -13.57 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 47.67$ ;  $\rho = 1000$  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: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Area Scan (81x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0346 W/kg

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.840 V/m; Power Drift = -0.70 dB

Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00839 W/kg**

Maximum value of SAR (measured) = 0.0440 W/kg

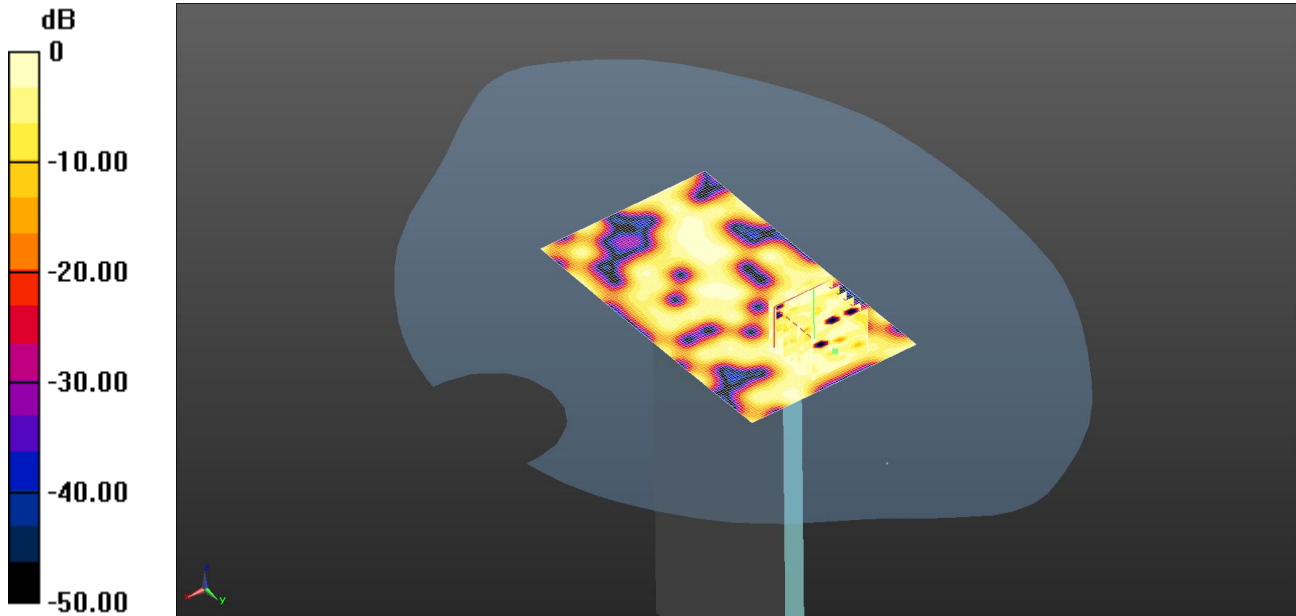
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

105: Bottom of EUT Facing Phantom 802.11a 5.2GHz CH48

Date: 13/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0165 W/kg = -17.83 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.506$  S/m;  $\epsilon_r = 48.305$ ;  $\rho = 1000$  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: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Bottom of EUT Facing Phantom - Middle/Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0230 W/kg

**Configuration/Bottom of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.100 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0620 W/kg

**SAR(1 g) = 0.00984 W/kg; SAR(10 g) = 0.00676 W/kg**

Maximum value of SAR (measured) = 0.0165 W/kg

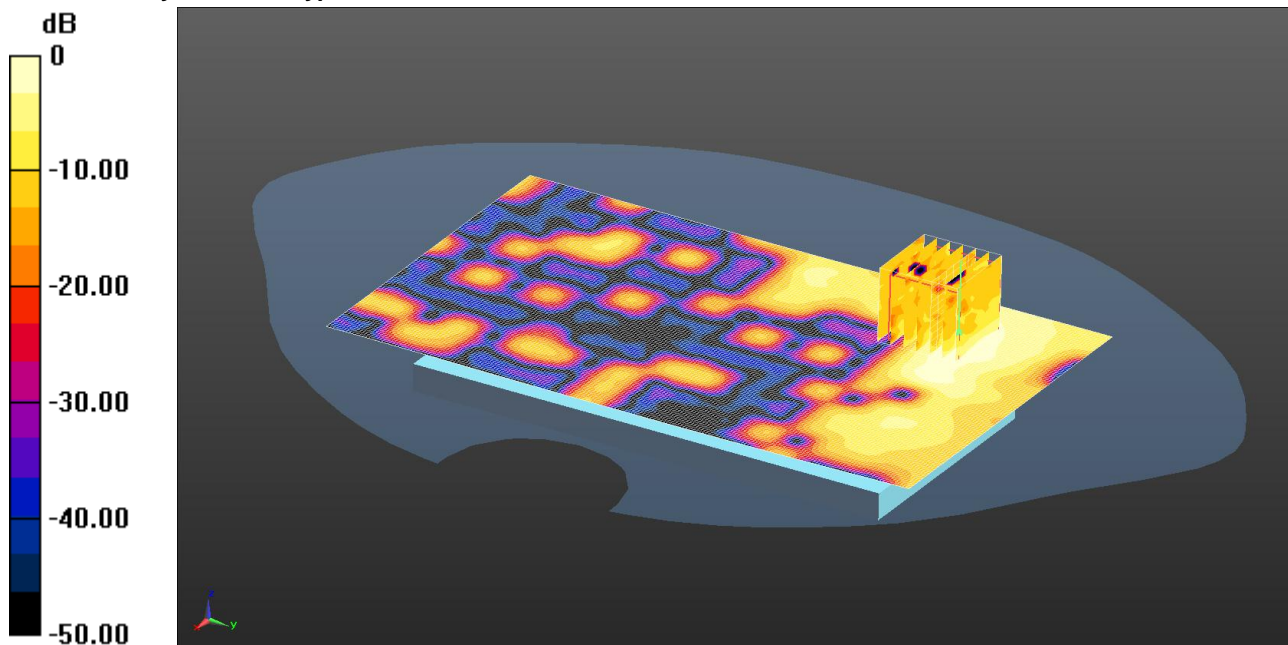
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

106: Back of EUT Facing Phantom 802.11a 5.2GHz CH52

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.122 W/kg = -9.14 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.476$  S/m;  $\epsilon_r = 48.651$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.338 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.122 W/kg

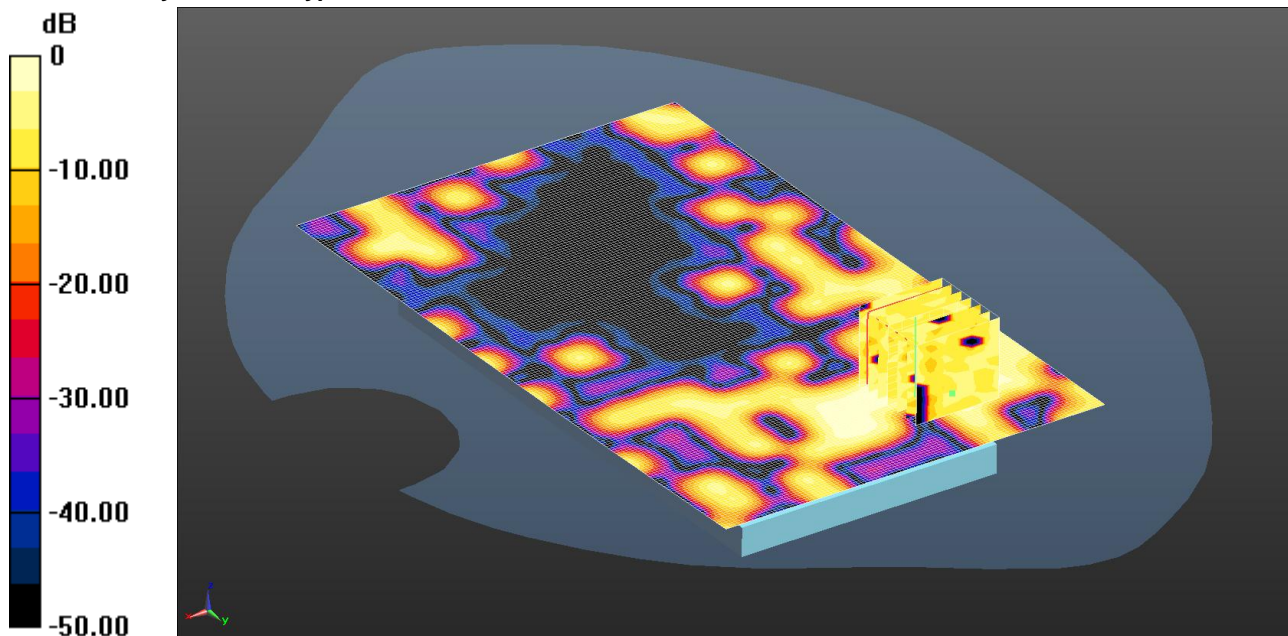
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

107: Back of EUT Facing Phantom 802.11a 5.5GHz CH136

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0504 W/kg = -12.98 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5680$  MHz;  $\sigma = 5.991$  S/m;  $\epsilon_r = 47.989$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0771 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.209 V/m; Power Drift = 0.58 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0504 W/kg

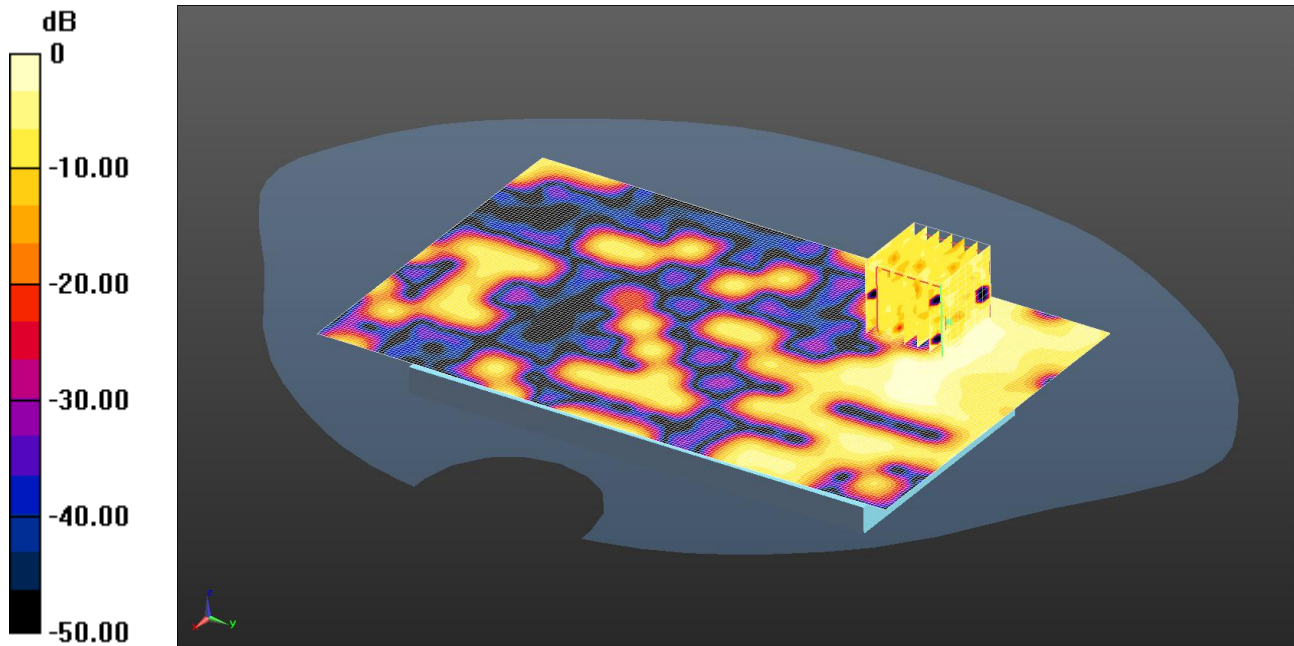
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

108: Back of EUT Facing Phantom 802.11a 5.8GHz CH157

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



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

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5785$  MHz;  $\sigma = 6.144$  S/m;  $\epsilon_r = 47.85$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0615 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.179 V/m; Power Drift = -1.01 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.010 W/kg**

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

**Note: SAR level measured is very low as equivalent to noise floor.**

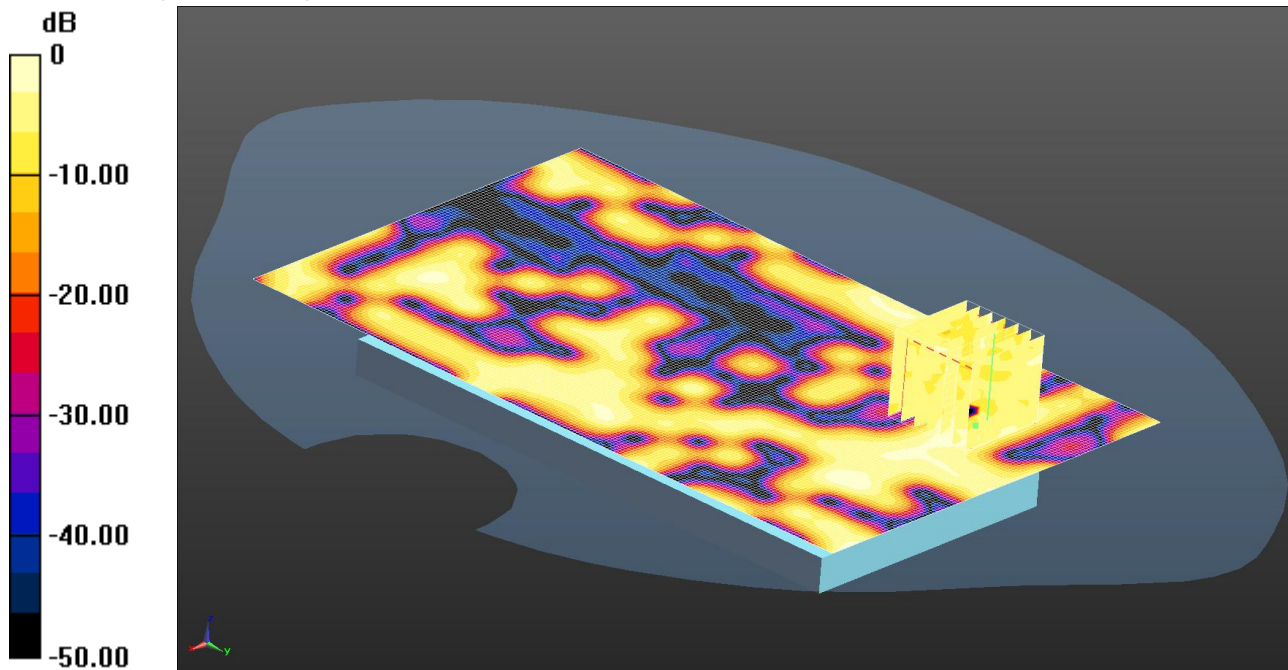
Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.



109: Back of EUT Facing Phantom 802.11ac 40MHz 5.2GHz CH38

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0296 W/kg = -15.29 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5190 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5190$  MHz;  $\sigma = 5.387$  S/m;  $\epsilon_r = 48.831$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0507 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.221 V/m; Power Drift = -2.08 dB

Peak SAR (extrapolated) = 0.0440 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.0089 W/kg**

Maximum value of SAR (measured) = 0.0296 W/kg

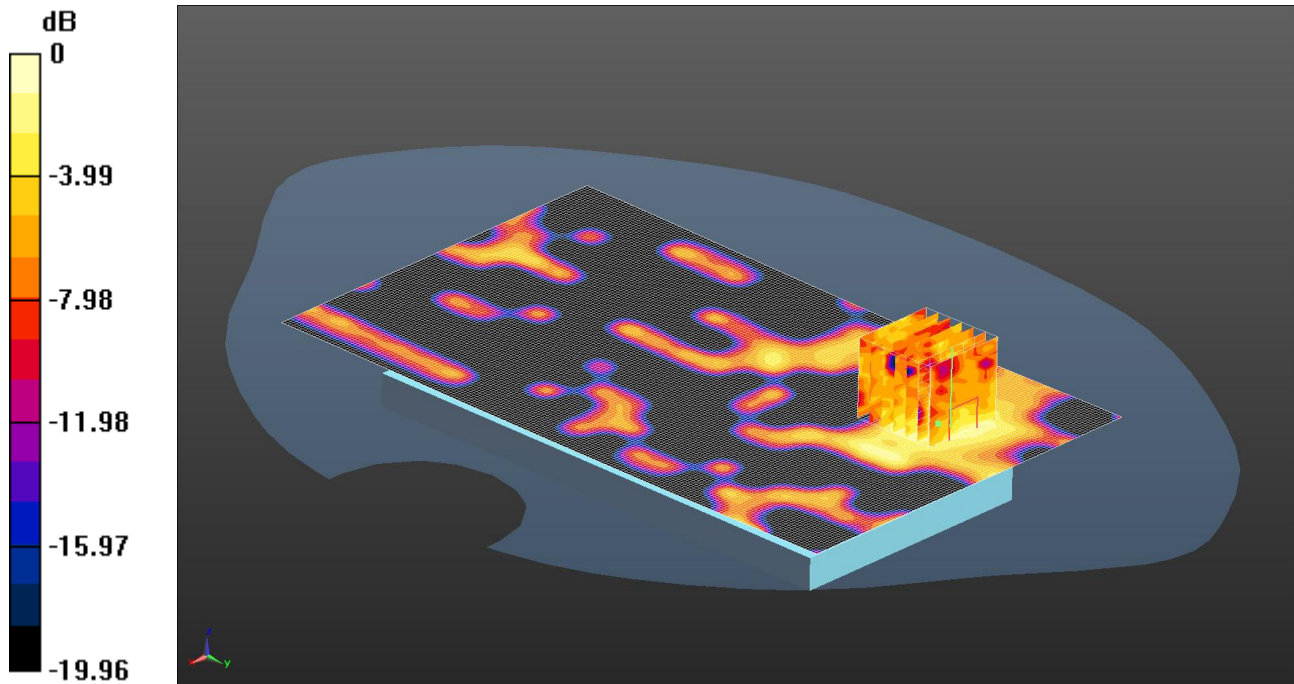
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

110: Back of EUT Facing Phantom 802.11ac 40MHz 5.3GHz CH54

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0408 W/kg = -13.89 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.492$  S/m;  $\epsilon_r = 48.628$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0417 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.548 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.0680 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0408 W/kg

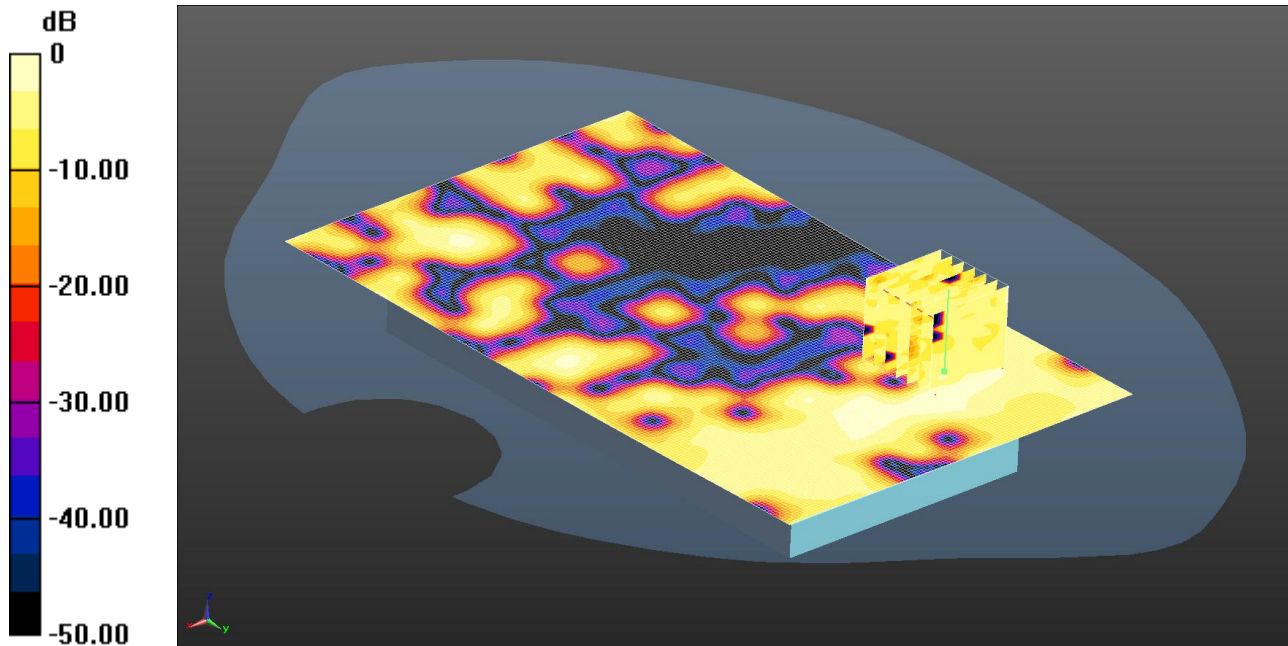
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

111: Back of EUT Facing Phantom 802.11ac 40MHz 5.6GHz CH134

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0415 W/kg = -13.82 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5670 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5670$  MHz;  $\sigma = 5.982$  S/m;  $\epsilon_r = 48.034$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0611 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.571 V/m; Power Drift = 0.80 dB

Peak SAR (extrapolated) = 0.0900 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00971 W/kg**

Maximum value of SAR (measured) = 0.0415 W/kg

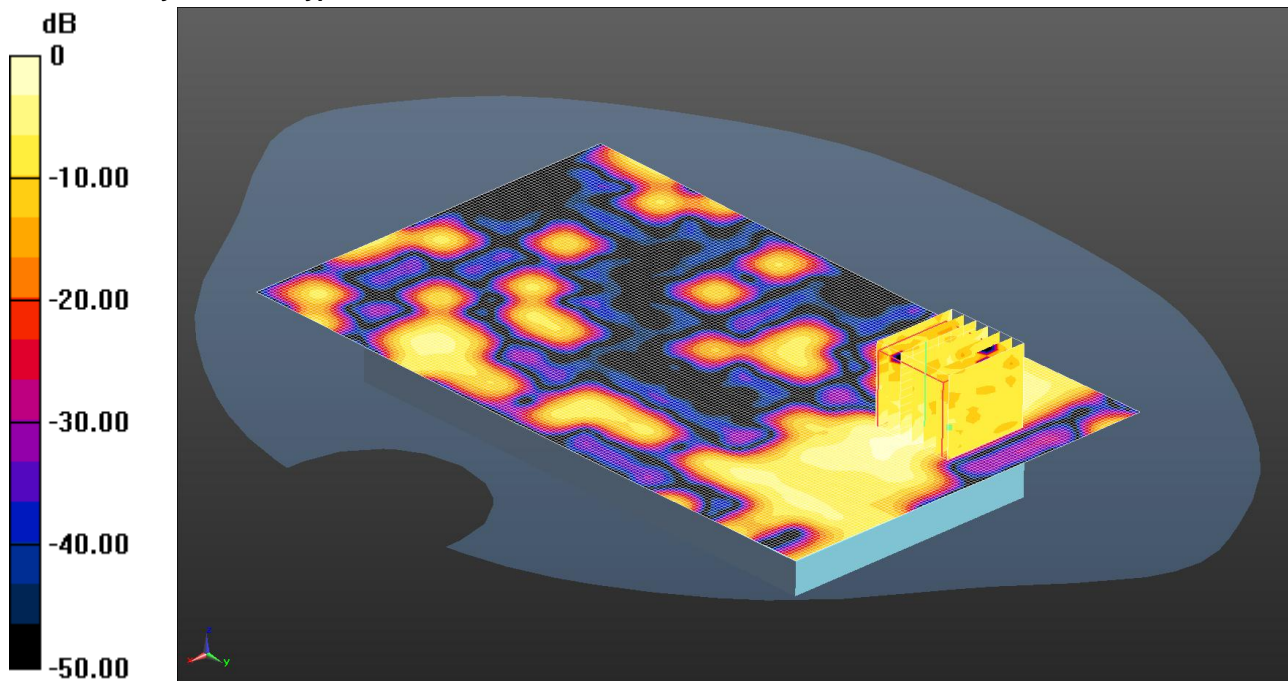
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

112: Back of EUT Facing Phantom 802.11ac 40MHz 5.8GHz CH159

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0718 W/kg = -11.44 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5795 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 6.15$  S/m;  $\epsilon_r = 47.825$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0991 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.504 V/m; Power Drift = 0.82 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0718 W/kg

**Note: SAR level measured is very low as equivalent to noise floor.**

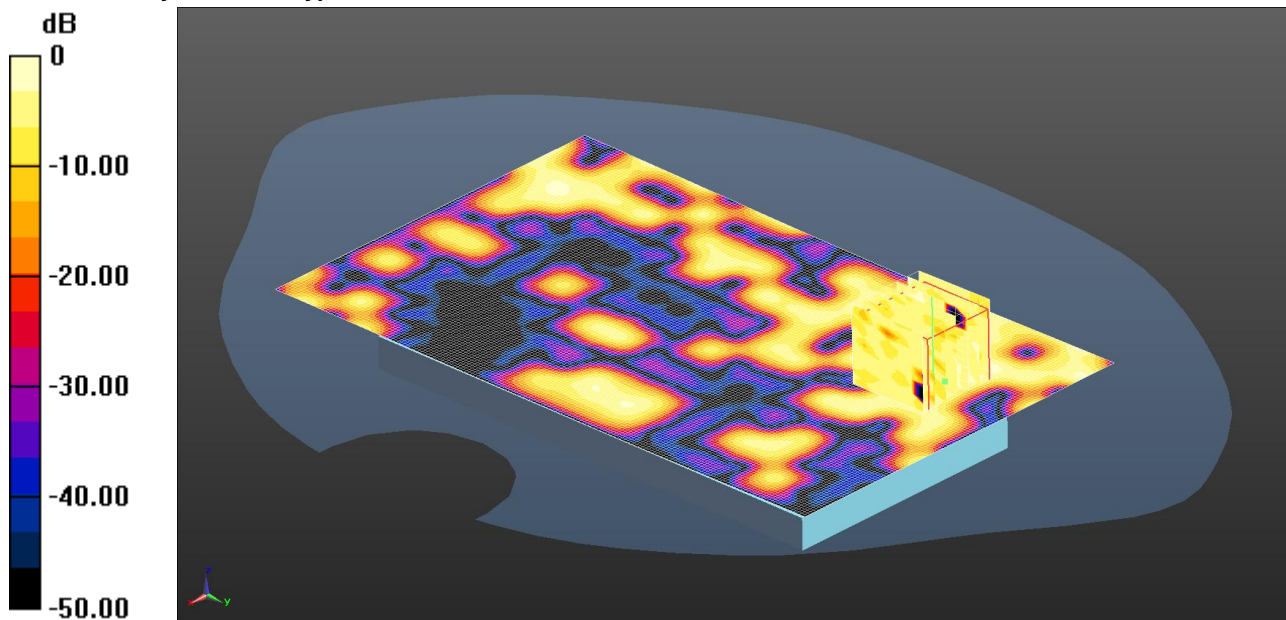
Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.



113: Back of EUT Facing Phantom 802.11ac 80MHz 5.2GHz CH42

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0284 W/kg = -15.47 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5210$  MHz;  $\sigma = 5.411$  S/m;  $\epsilon_r = 48.803$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0351 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:**

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.377 V/m; Power Drift = -1.17 dB

Peak SAR (extrapolated) = 0.0940 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.0075 W/kg**

Maximum value of SAR (measured) = 0.0284 W/kg

**Note: SAR level measured is very low as equivalent to noise floor.**

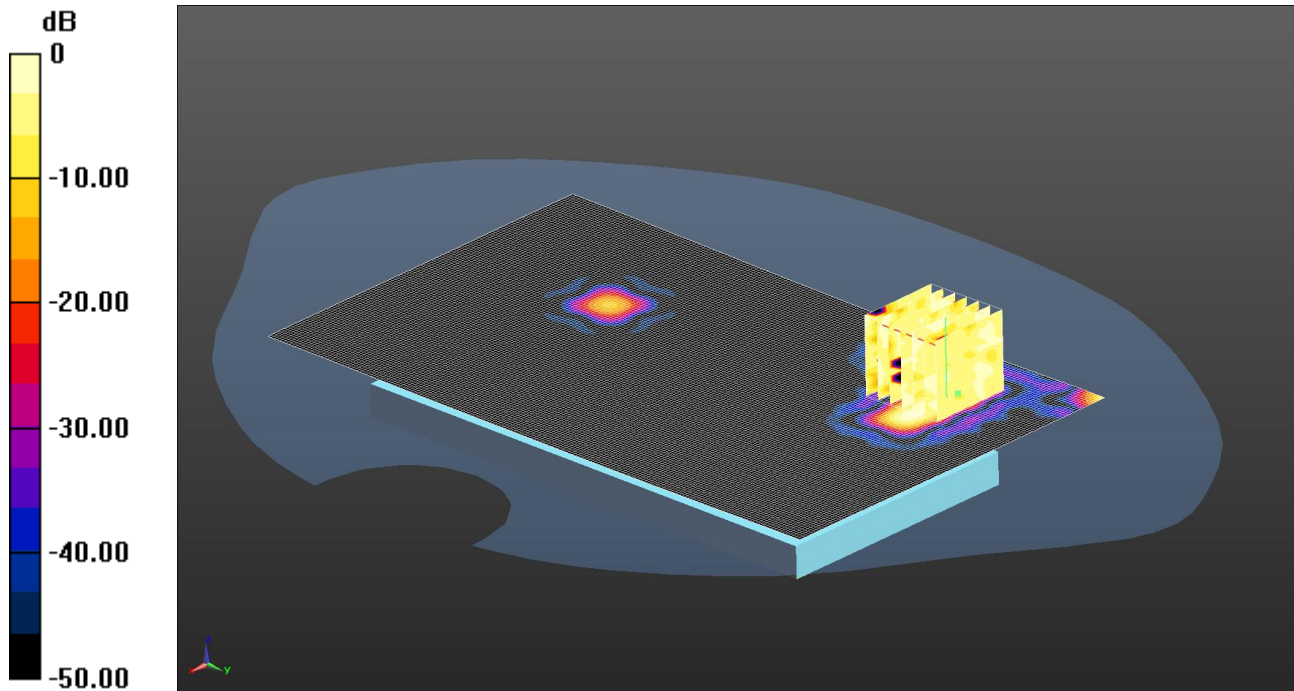
Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.



114: Back of EUT Facing Phantom 802.11ac 80MHz 5.3GHz CH58

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0238 W/kg = -16.23 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5290 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5290$  MHz;  $\sigma = 5.525$  S/m;  $\epsilon_r = 48.581$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0311 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.250 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0710 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00769 W/kg**

Maximum value of SAR (measured) = 0.0238 W/kg

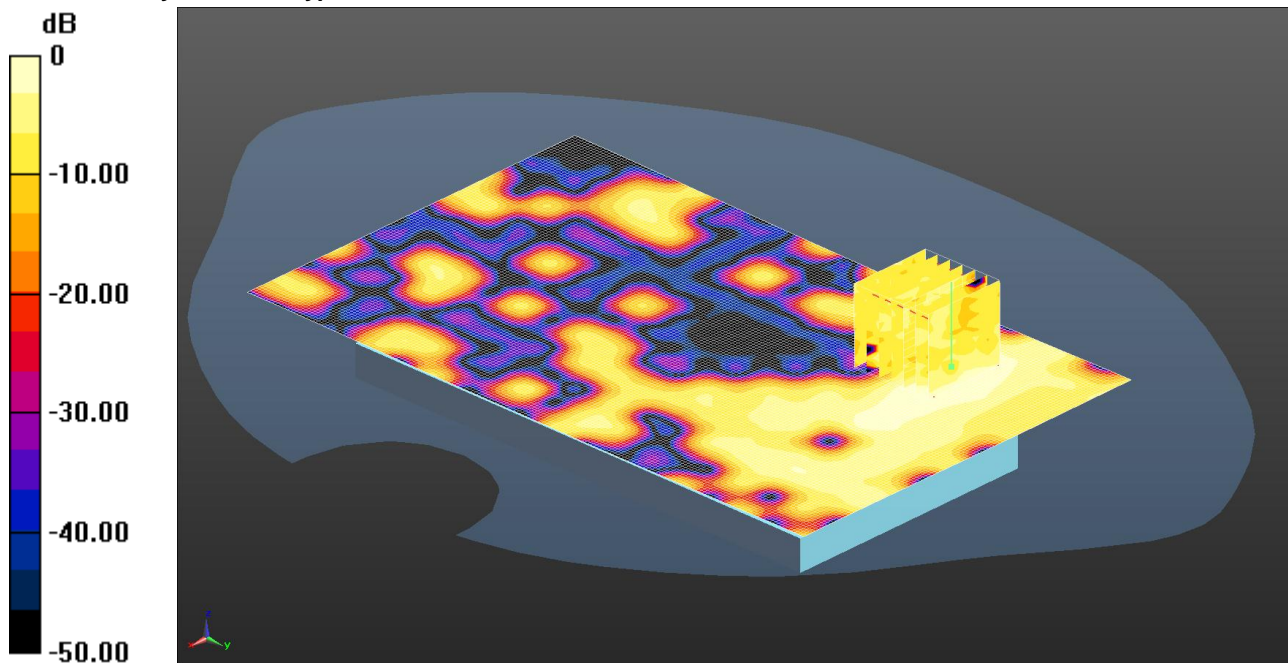
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

115: Back of EUT Facing Phantom 802.11ac 80MHz 5.6GHz CH106

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0582 W/kg = -12.35 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5530 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5530 MHz;  $\sigma = 5.811$  S/m;  $\epsilon_r = 48.206$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0722 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.818 V/m; Power Drift = 0.58 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0582 W/kg

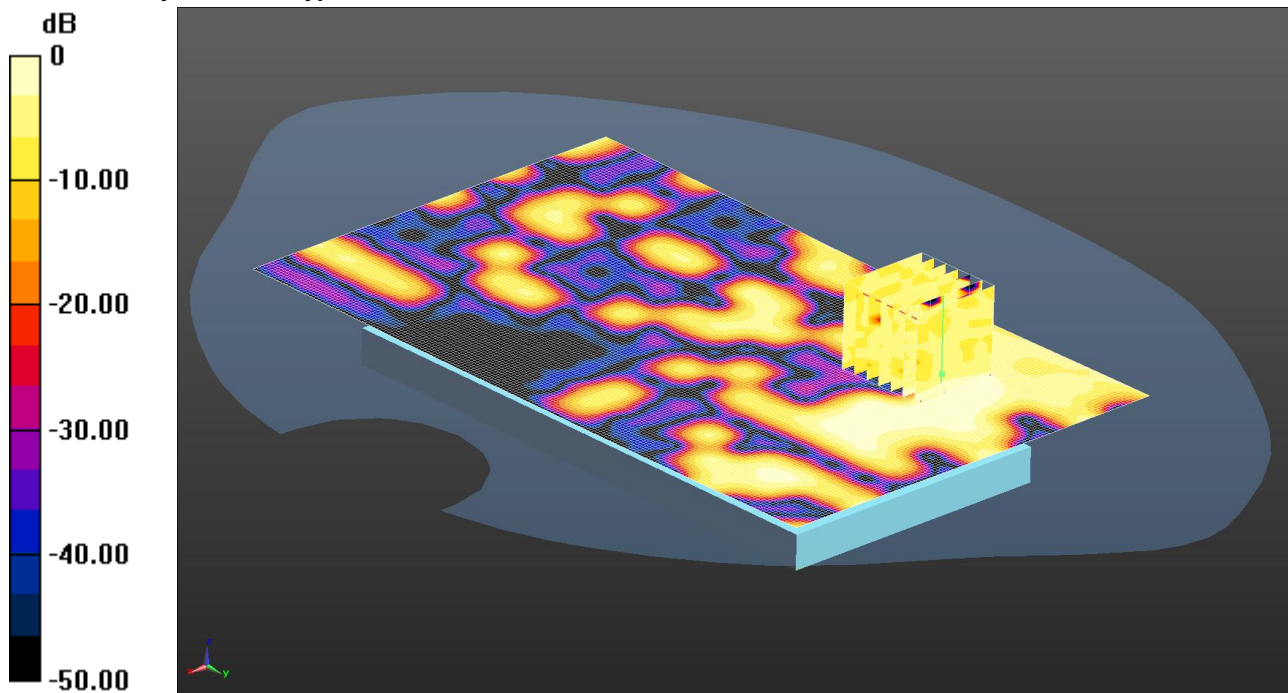
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

116: Back of EUT Facing Phantom 802.11ac 80MHz 5.8GHz CH155

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Rita; Serial: PM-0500-BV



0 dB = 0.0453 W/kg = -13.44 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5775 MHz; Duty Cycle: 1:1  
 Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5775 MHz;  $\sigma = 6.138$  S/m;  $\epsilon_r = 47.875$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0661 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.780 V/m; Power Drift = 3.96 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0453 W/kg

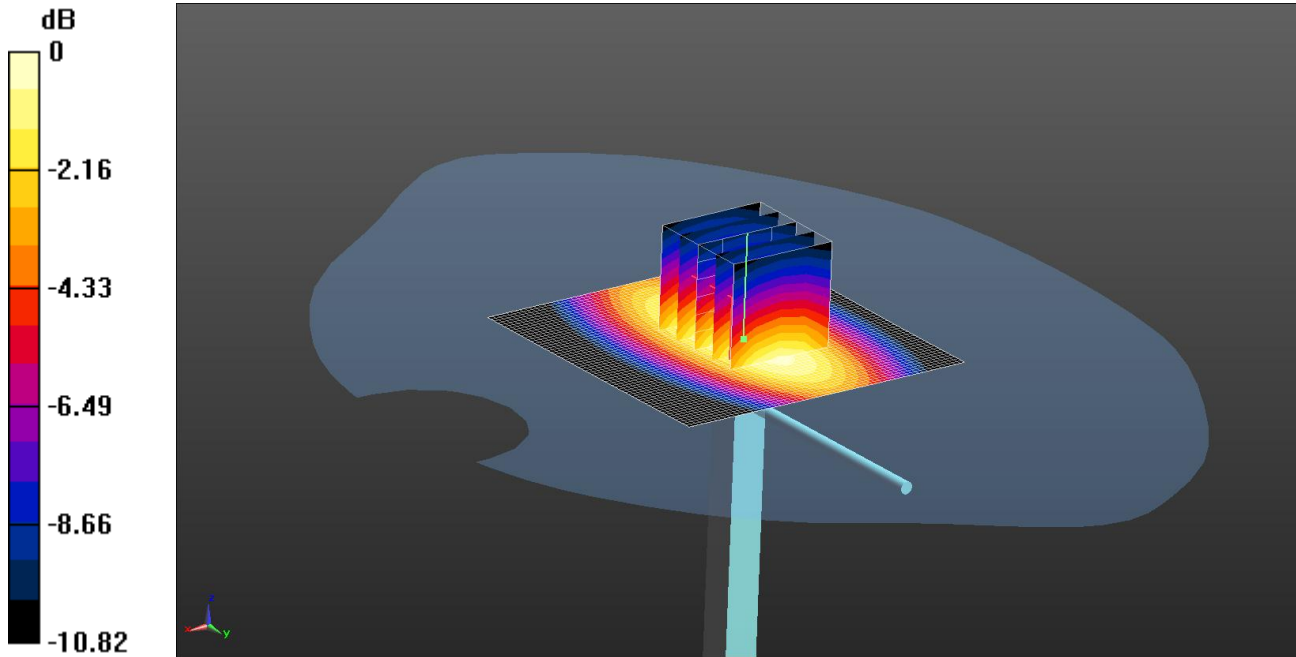
**Note: SAR level measured is very low as equivalent to noise floor.**

Prior to the assessment, the system was verified in the flat region of the phantom, 5.0 GHz dipole was used. A forward power of 100 mW was applied to 5.0 GHz dipole and the system was verified to a tolerance of  $\pm 5\%$  for the 5.0 GHz dipole.

117: System Performance Check 900MHz Head 25 06 13

Date: 25/06/2013

DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



0 dB = 2.77 W/kg = 4.42 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.952 \text{ S/m}$ ;  $\epsilon_r = 40.487$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.09, 6.09, 6.09); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.78 W/kg

**SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.936 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.77 W/kg

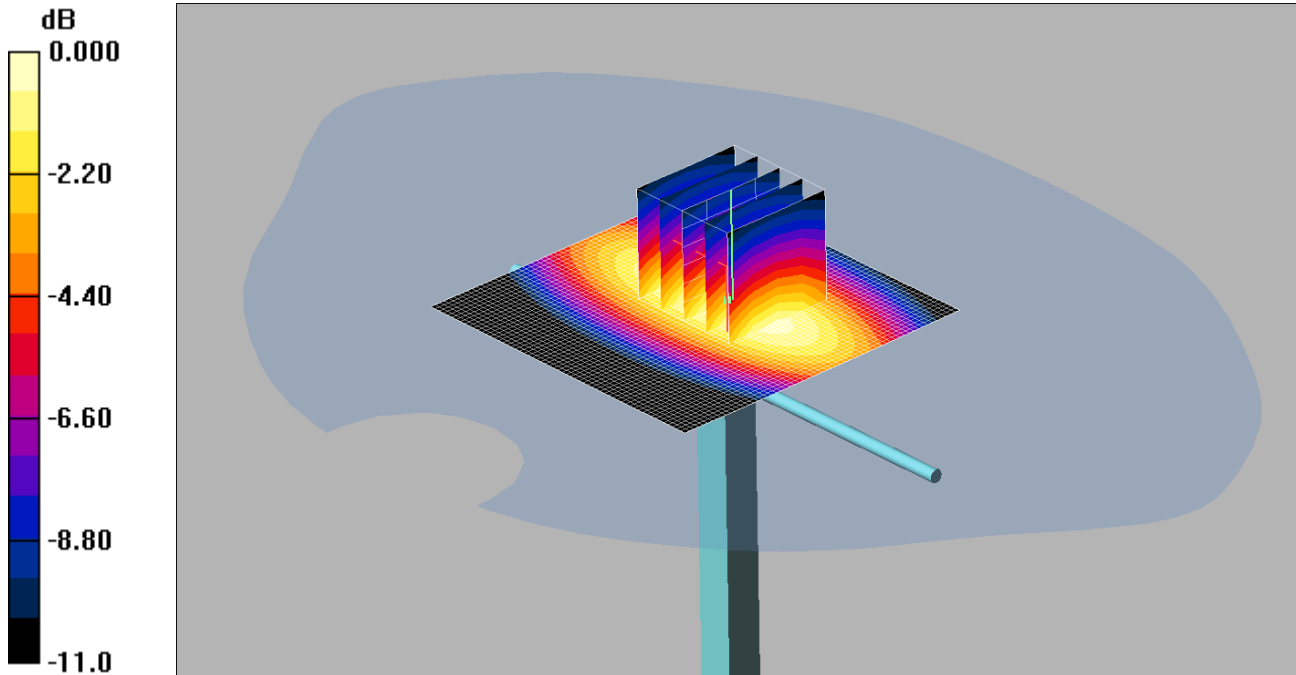
**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.67 W/kg**

Maximum value of SAR (measured) = 2.77 W/kg

118: System Performance Check 900MHz Head 01 07 13

Date 01/07/2013

DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



0 dB = 2.86mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.13, 6.13, 6.13); Calibrated: 22/04/2013

- 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, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=15mm, Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

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 = 55.5 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 3.86 W/kg

**SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.72 mW/g**

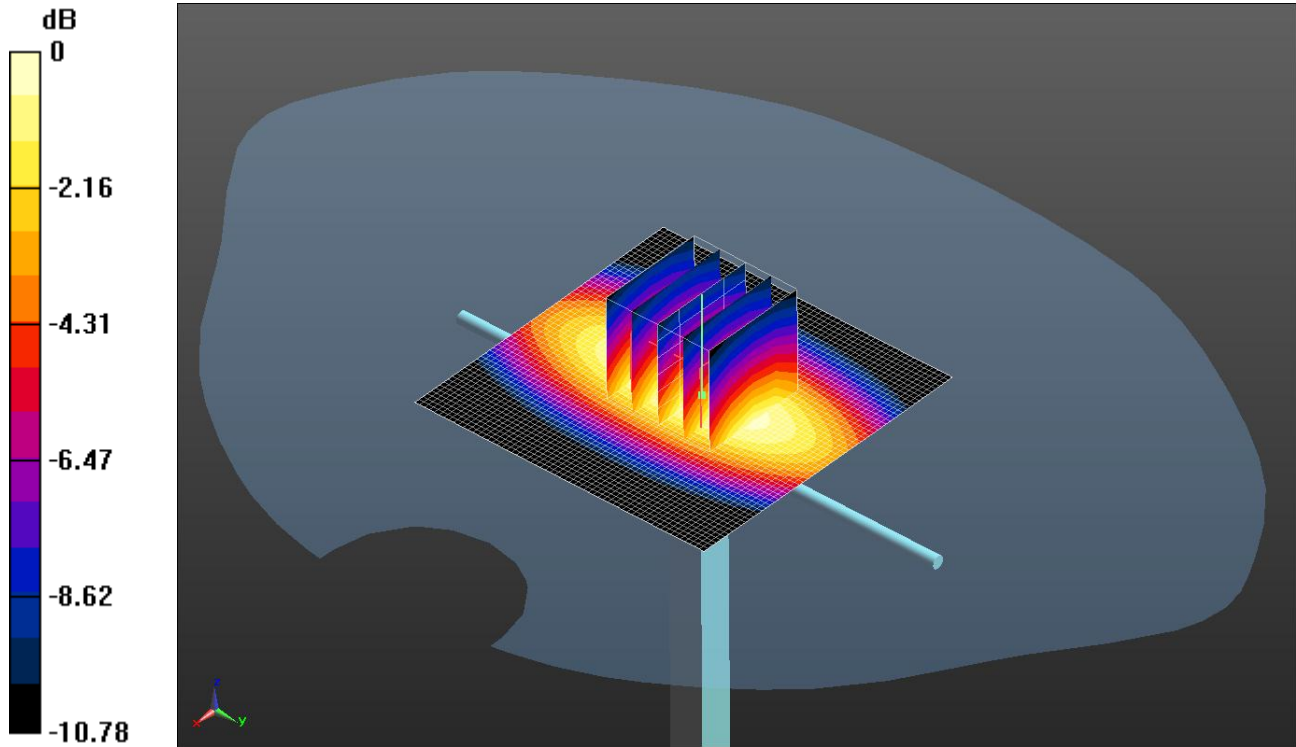
Maximum value of SAR (measured) = 2.86 mW/g



119: System Performance Check 900MHz Body 27 06 13

Date: 27/06/2013

DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



0 dB = 2.90 W/kg = 4.62 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.057 \text{ S/m}$ ;  $\epsilon_r = 53.336$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.91 W/kg

**SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 52.650 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.98 W/kg

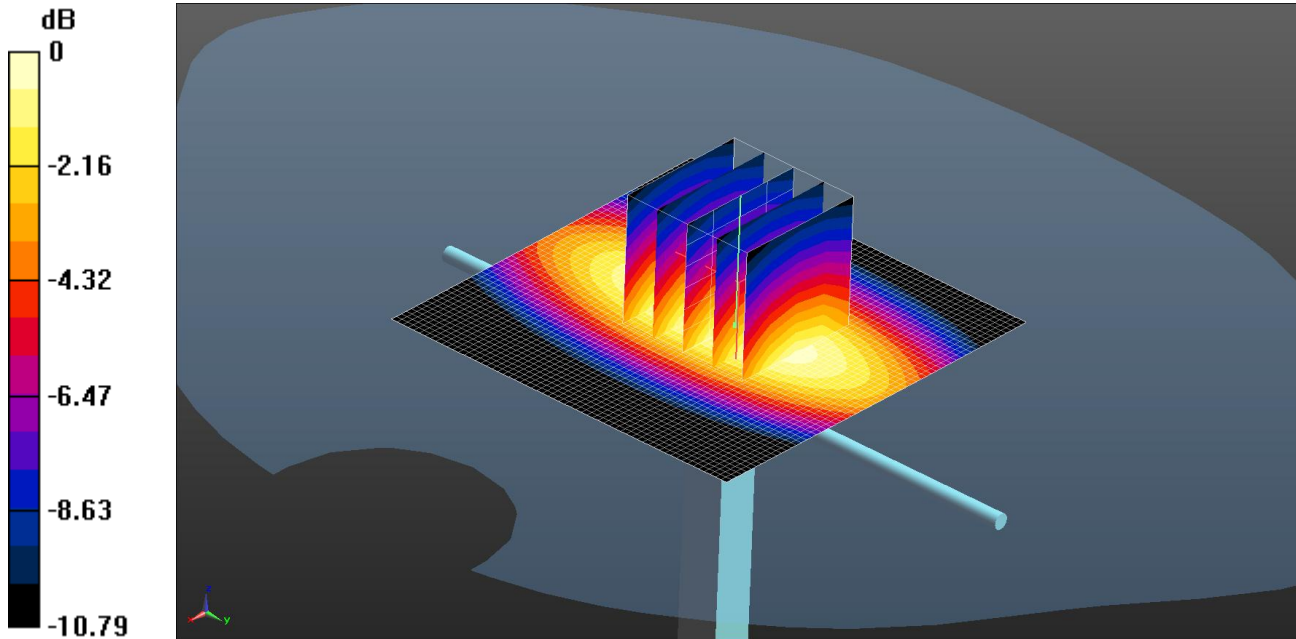
**SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.75 W/kg**

Maximum value of SAR (measured) = 2.90 W/kg

120: System Performance Check 900MHz Body 28 06 13

Date: 28/06/2013

DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



0 dB = 3.00 W/kg = 4.77 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.041$  S/m;  $\epsilon_r = 52.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**SAR/d=15mm, 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) = 3.04 W/kg

**SAR/d=15mm, 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 = 54.608 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.12 W/kg

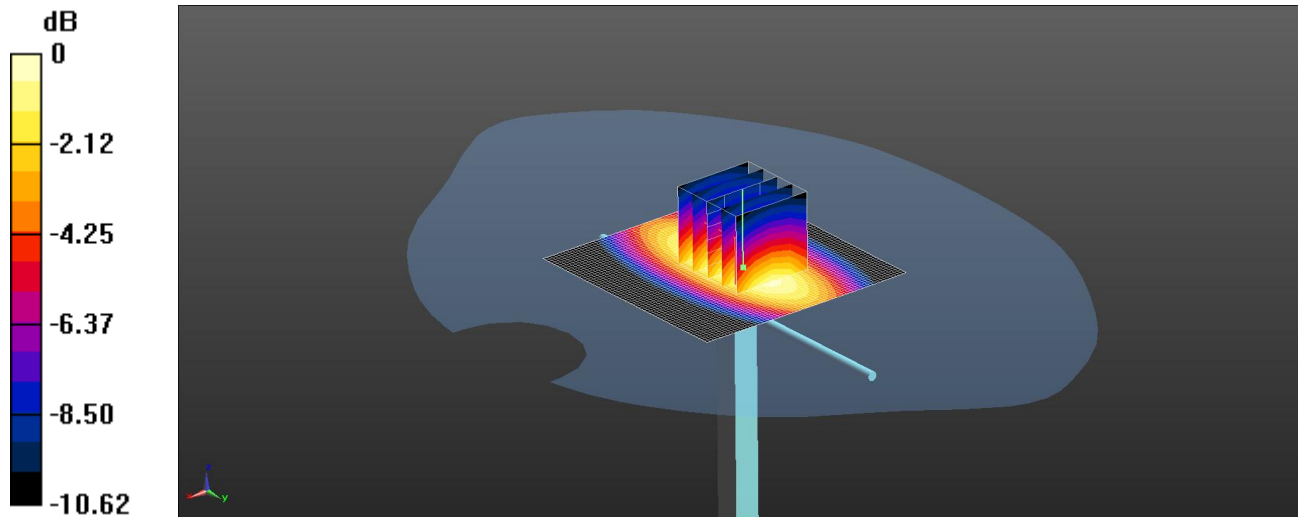
**SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.82 W/kg**

Maximum value of SAR (measured) = 3.00 W/kg

121: System Performance Check 900MHz Body 01 07 13

Date: 01/07/2013

DUT: Dipole 900 MHz; Type: D900V2; Serial: 035



0 dB = 2.98 W/kg = 4.74 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.054$  S/m;  $\epsilon_r = 52.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn417; Calibrated: 17/04/2013
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

**SAR/d=15mm, 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) = 2.99 W/kg

**SAR/d=15mm, 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 = 53.768 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 4.06 W/kg

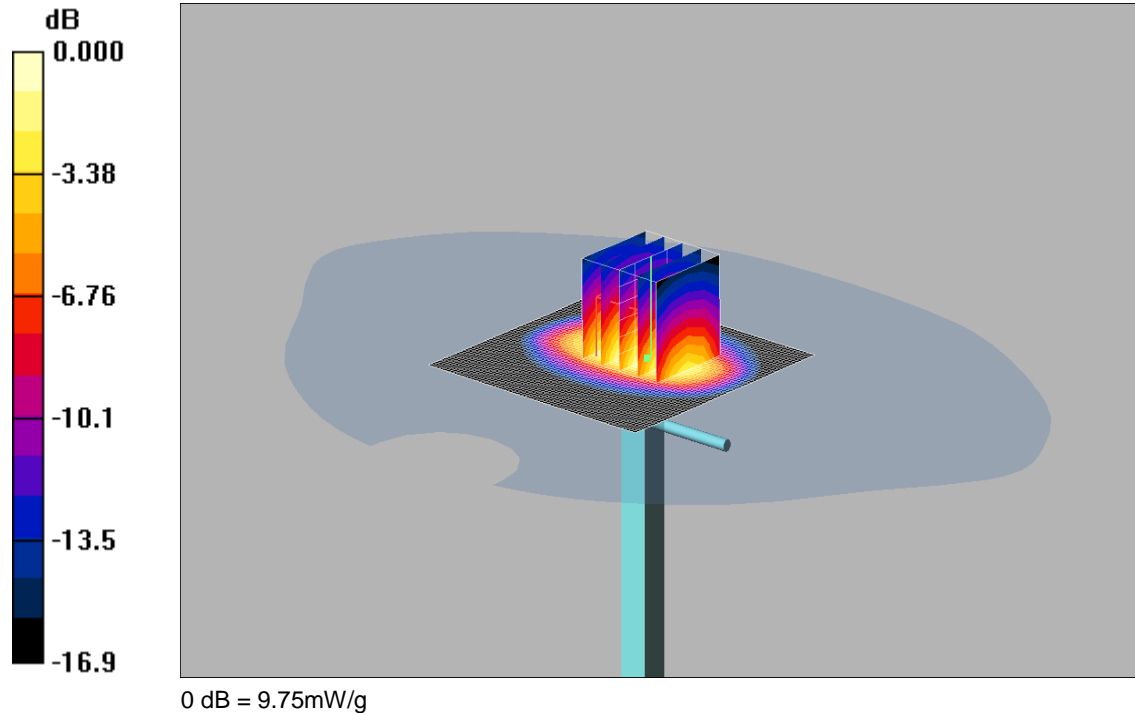
**SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.8 W/kg**

Maximum value of SAR (measured) = 2.98 W/kg

122: System Performance Check 1800MHz Head 25 06 13

Date: 25/06/2013

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.13, 5.13, 5.13); Calibrated: 22/04/2013

- 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, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.1 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 14.6 W/kg

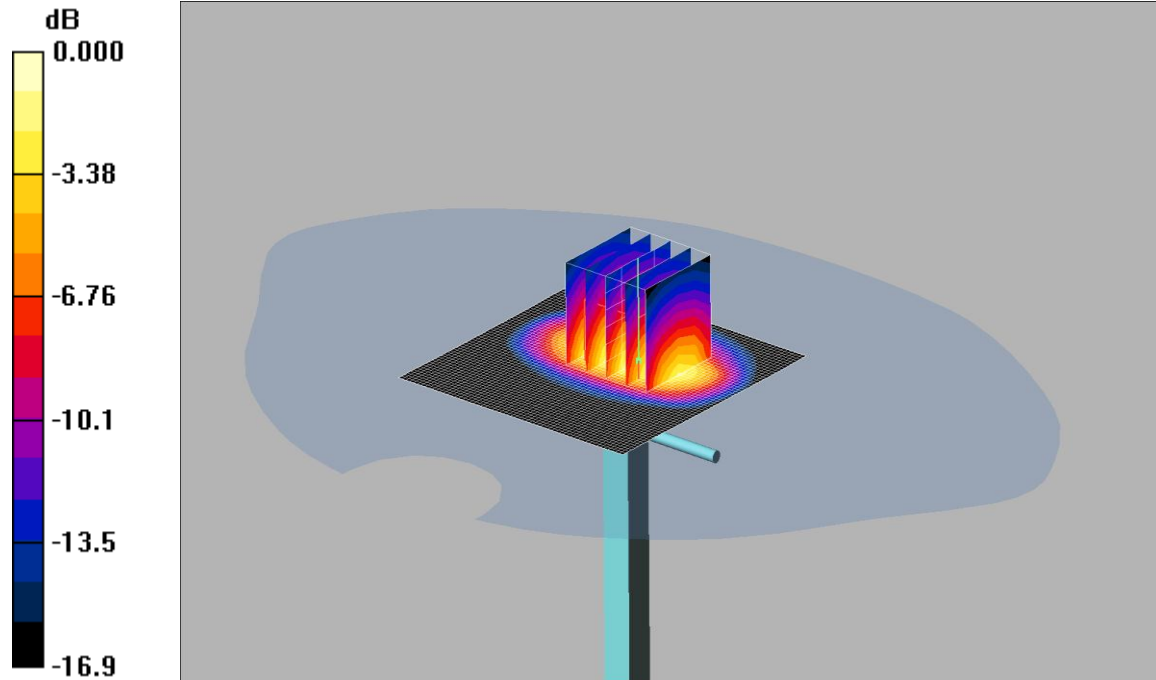
**SAR(1 g) = 8.85 mW/g; SAR(10 g) = 4.84 mW/g**

Maximum value of SAR (measured) = 9.75 mW/g

123: System Performance Check 1800MHz Body 11 07 13

Date: 11/07/2013

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264



0 dB = 10.4mW/g

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.64, 4.64, 4.64); Calibrated: 26/07/2012

- 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 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.7 mW/g

**d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.2 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 14.5 W/kg

**SAR(1 g) = 9.4 mW/g; SAR(10 g) = 5.16 mW/g**

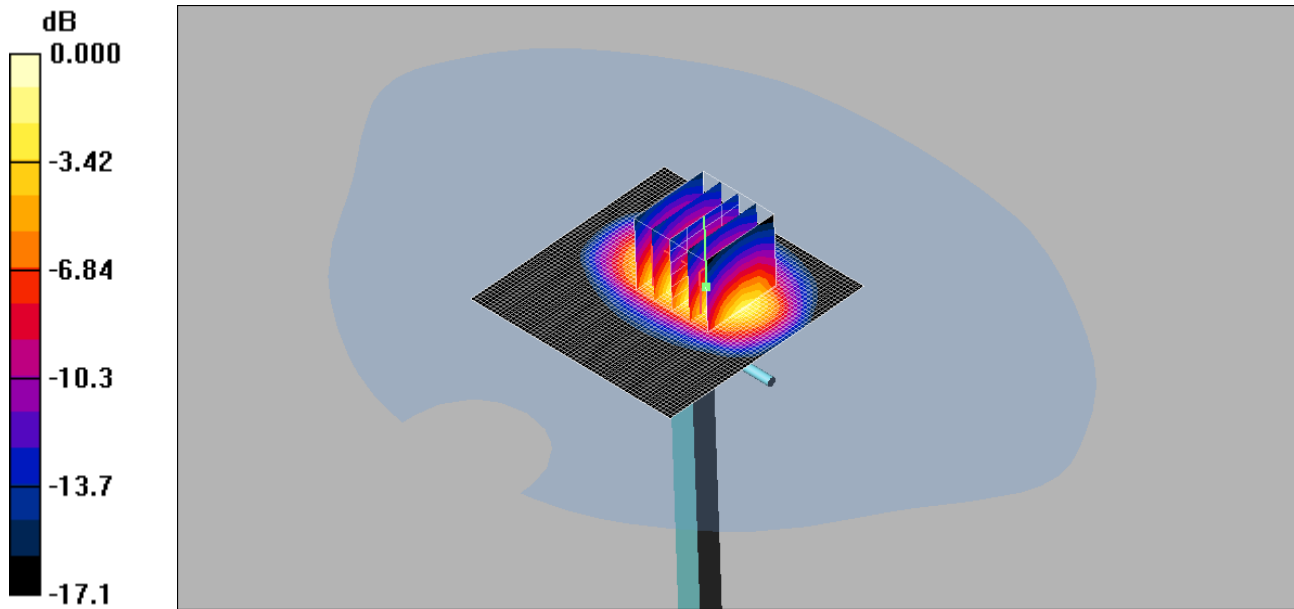
Maximum value of SAR (measured) = 10.4 mW/g



124: System Performance Check 1800MHz Body 12 07 13

Date: 12/07/2013

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:  $f = 1800$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.64, 4.64, 4.64); Calibrated: 26/07/2012

- 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 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.7 mW/g

**d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.2 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 14.7 W/kg

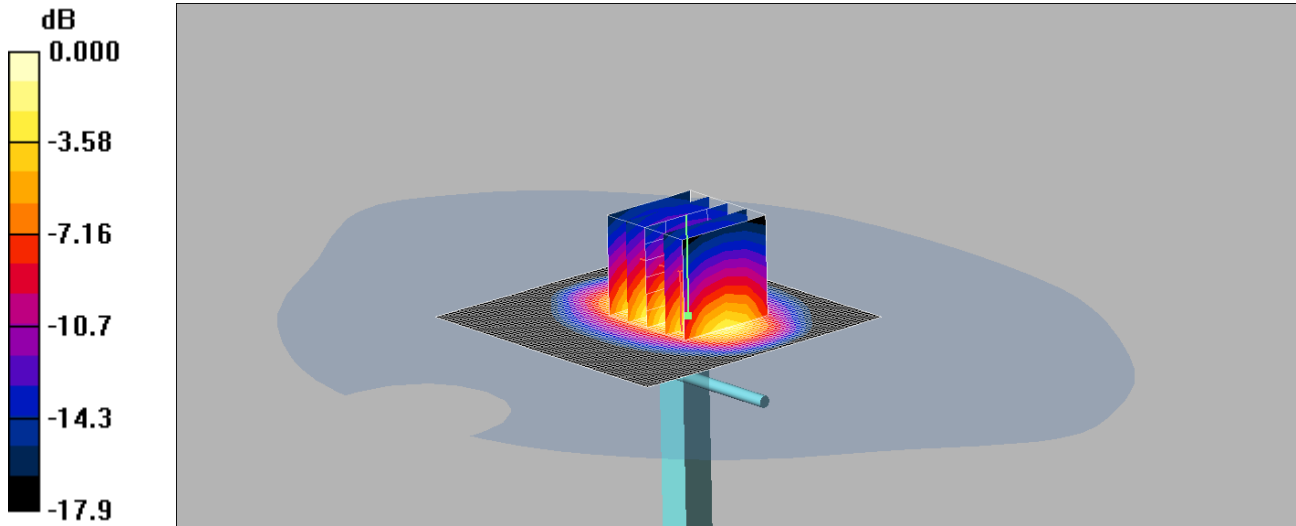
**SAR(1 g) = 9.39 mW/g; SAR(10 g) = 5.11 mW/g**

Maximum value of SAR (measured) = 10.5 mW/g

125: System Performance Check 1900MHz Head 25 06 13

Date/Time: 25/06/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.3mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(4.93, 4.93, 4.93); Calibrated: 22/04/2013
- 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, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.1 mW/g

**d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.9 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 17.2 W/kg

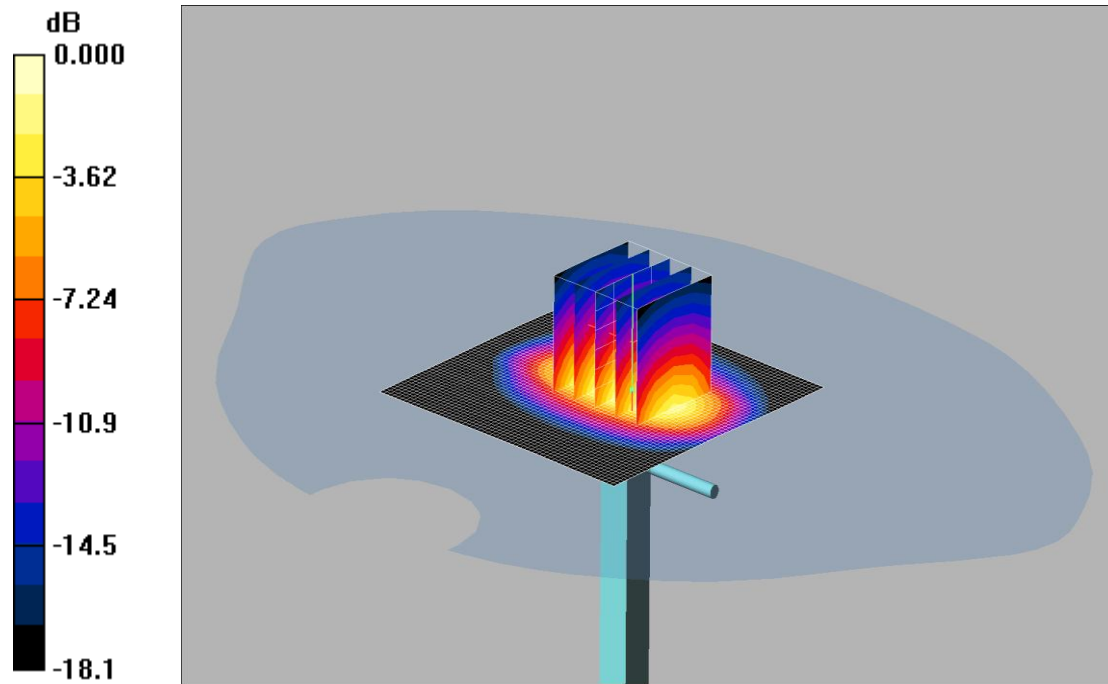
**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.38 mW/g**

Maximum value of SAR (measured) = 11.3 mW/g

126: System Performance Check 1900MHz Head 01 07 13

Date: 01/07/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 10.9mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  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 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.3 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.3 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 17.0 W/kg

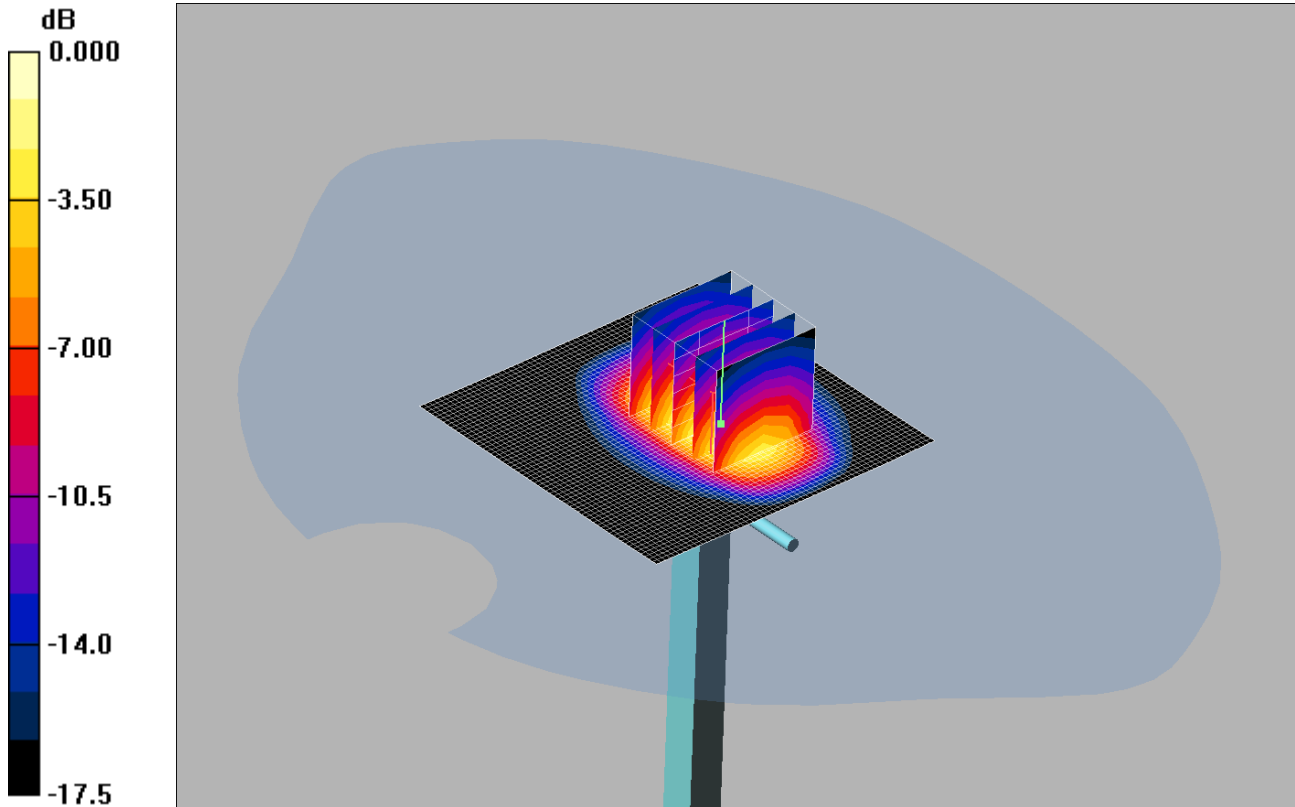
**SAR(1 g) = 9.74 mW/g; SAR(10 g) = 5.1 mW/g**

Maximum value of SAR (measured) = 10.9 mW/g

127: System Performance Check 1900MHz Body 28 06 13

Date 28/06/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.7mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.57 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

- 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 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.5 mW/g

**d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.6 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 17.3 W/kg

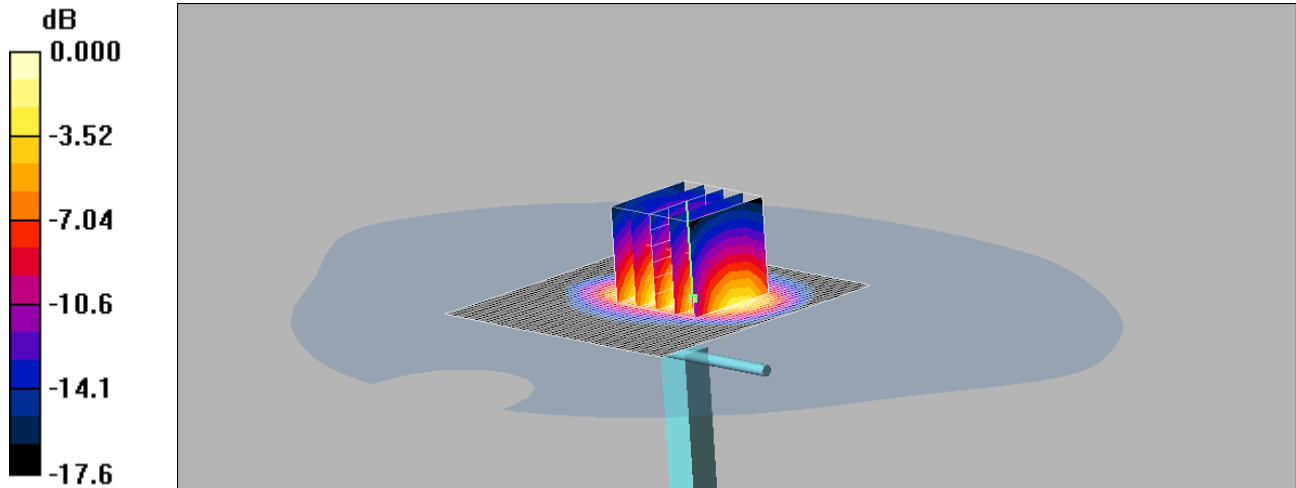
**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.5 mW/g**

Maximum value of SAR (measured) = 11.7 mW/g

128: System Performance Check 1900MHz Body 29 06 13

Date: 29/06/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 10.9mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012

- 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 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.1 mW/g

**d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.0 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 16.3 W/kg

**SAR(1 g) = 9.7 mW/g; SAR(10 g) = 5.14 mW/g**

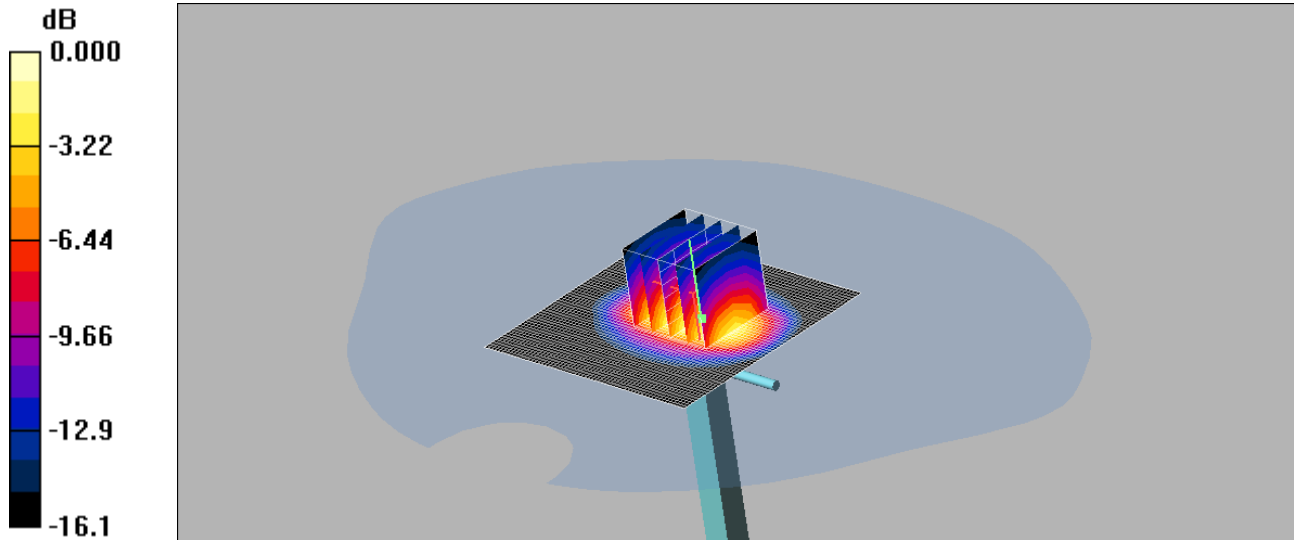
Maximum value of SAR (measured) = 10.9 mW/g



129: System Performance Check 1900MHz Body 11 07 13

Date: 11/07/2013

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537



0 dB = 11.0mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(4.42, 4.42, 4.42); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**d=10mm, Pin=250mW 2 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.6 mW/g

**d=10mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.3 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 16.5 W/kg

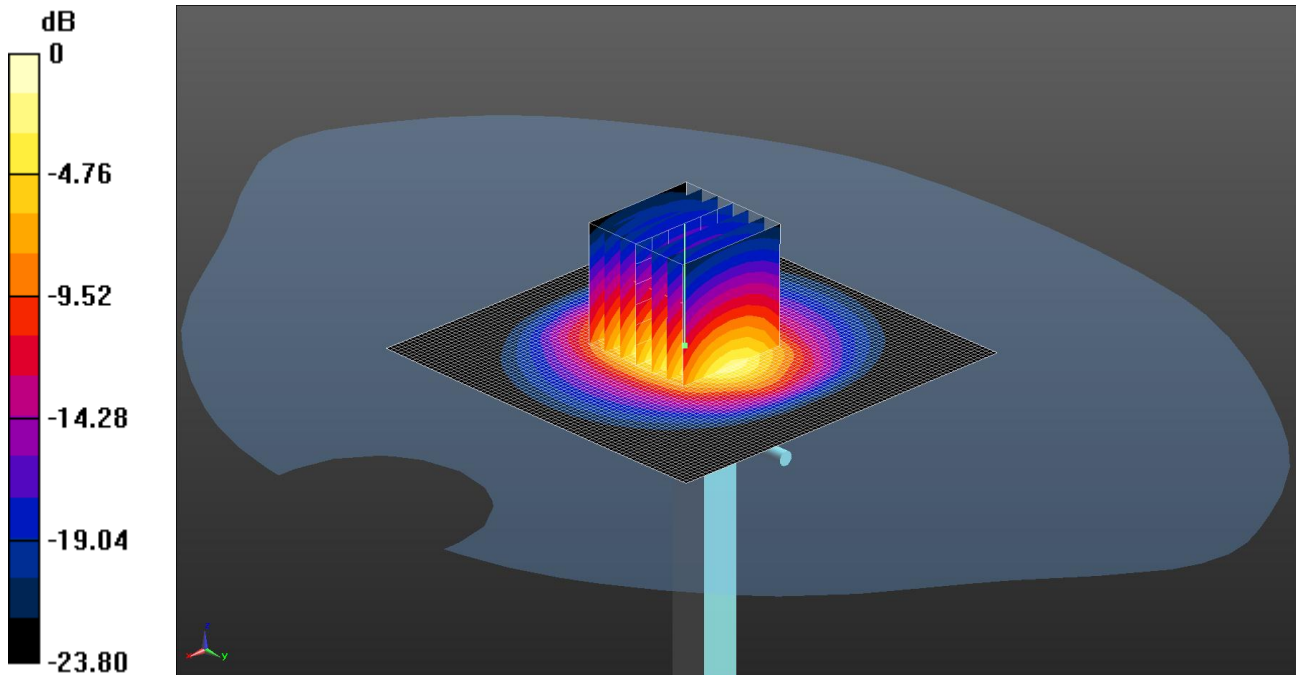
**SAR(1 g) = 9.8 mW/g; SAR(10 g) = 5.16 mW/g**

Maximum value of SAR (measured) = 11.0 mW/g

130: System Performance Check 2450MHz Head 09 07 13

Date: 09/07/2013

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701



0 dB = 15.3 W/kg = 11.85 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.814$  S/m;  $\epsilon_r = 38.466$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=250mW 2/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.5 W/kg

**Configuration/d=10mm, Pin=250mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.124 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 29.4 W/kg

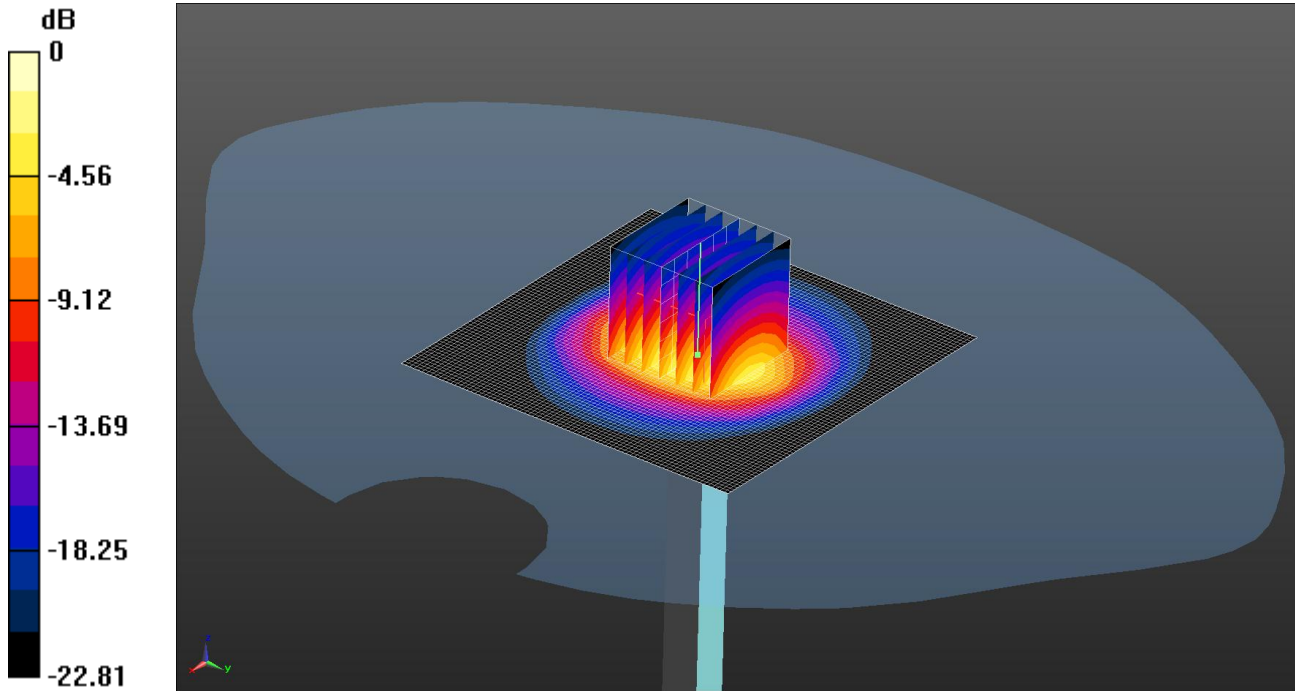
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.01 W/kg**

Maximum value of SAR (measured) = 15.3 W/kg

131: System Performance Check 2450MHz Head 10 07 13

Date: 10/07/2013

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701



0 dB = 14.9 W/kg = 11.73 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.789$  S/m;  $\epsilon_r = 40.314$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn417; Calibrated: 17/04/2013
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=250mW 2/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.0 W/kg

**Configuration/d=10mm, Pin=250mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.205 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.9 W/kg

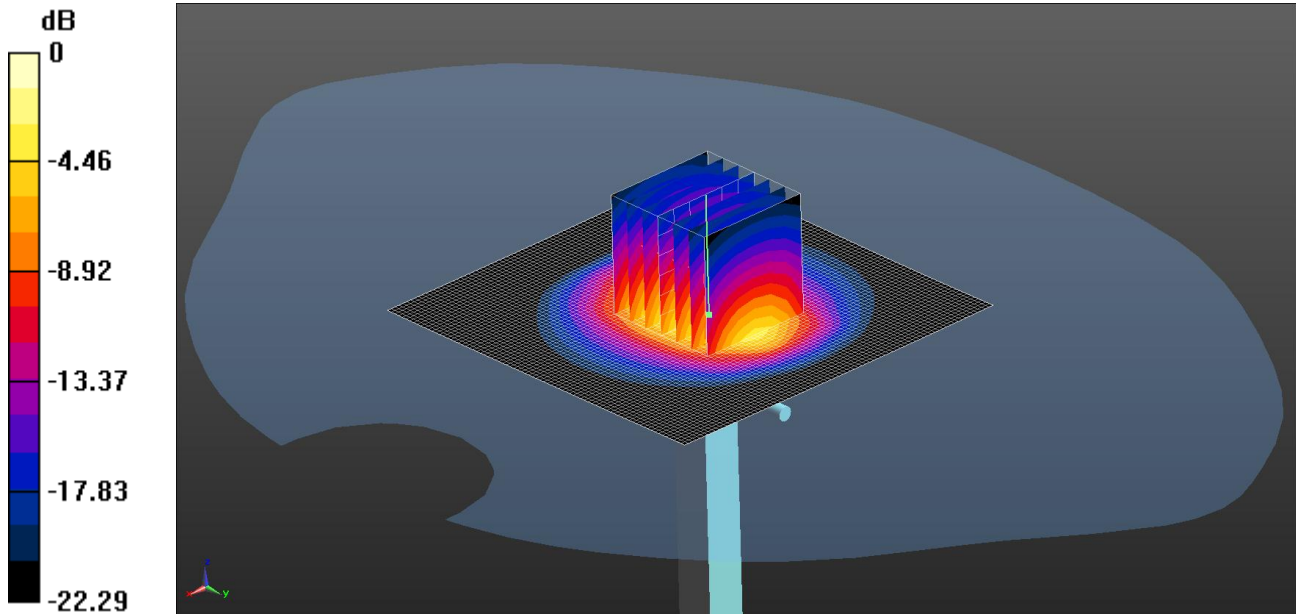
**SAR(1 g) = 13 W/kg; SAR(10 g) = 5.9 W/kg**

Maximum value of SAR (measured) = 14.9 W/kg

132: System Performance Check 2450MHz Body 08 07 13

Date: 08/07/2013

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: 701



0 dB = 15.4 W/kg = 11.88 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.008$  S/m;  $\epsilon_r = 51.512$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012;

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

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=250mW 2 2 2/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 15.7 W/kg

**Configuration/d=10mm, Pin=250mW 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.655 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 28.8 W/kg

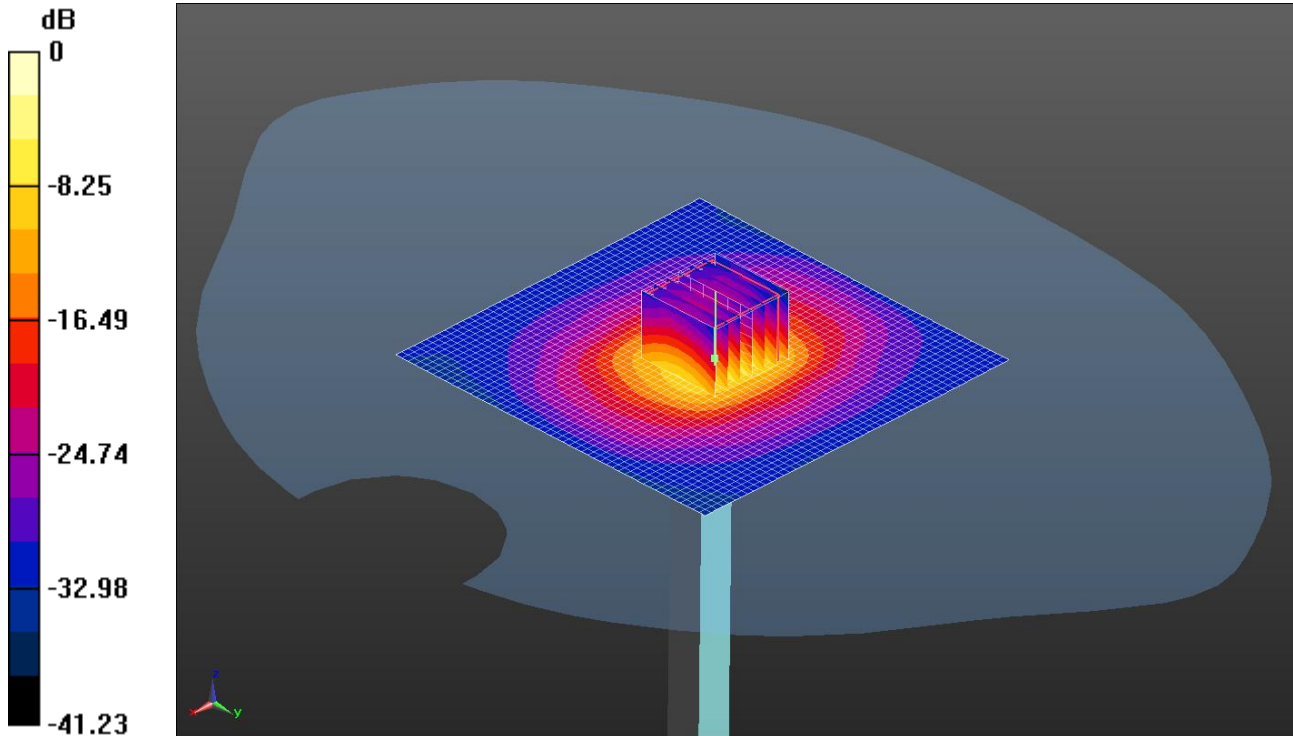
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.05 W/kg**

Maximum value of SAR (measured) = 15.4 W/kg

133: System Performance Check 5200MHz Head 12 07 13

Date 12/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.5 W/kg = 12.17 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.73$  S/m;  $\epsilon_r = 35.027$ ;  $\rho = 1000$  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 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 2 2/Area Scan (51x51x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 3.69 W/kg

**Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x9) (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 43.893 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 31.0 W/kg

**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.29 W/kg**

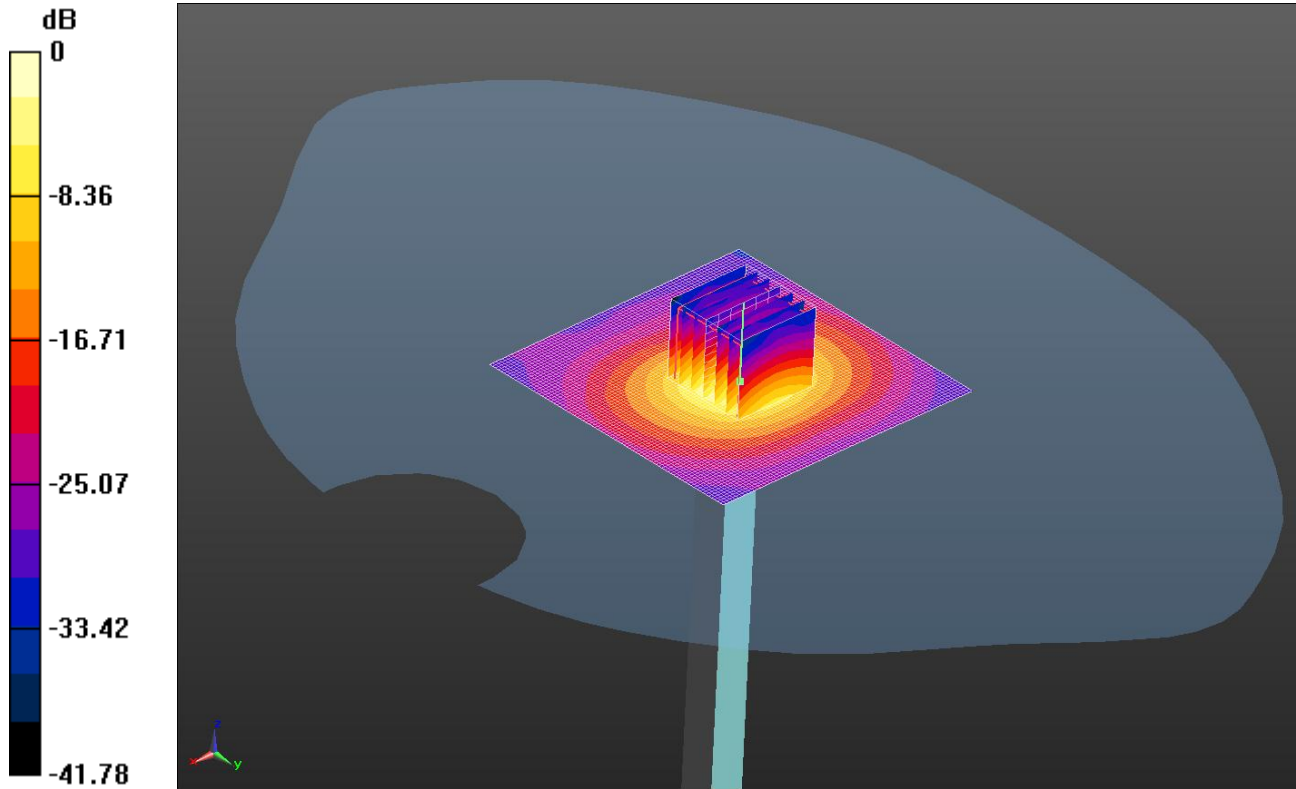
Maximum value of SAR (measured) = 16.5 W/kg



134: System Performance Check 5200MHz Head 13 07 13

Date: 13/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.8 W/kg = 11.99 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.653$  S/m;  $\epsilon_r = 35.905$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 3 2 2 2/Area Scan (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.9 W/kg

**Configuration/d=10mm, Pin=100mW 3 2 2 2/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 63.228 V/m; Power Drift = -0.65 dB

Peak SAR (extrapolated) = 30.0 W/kg

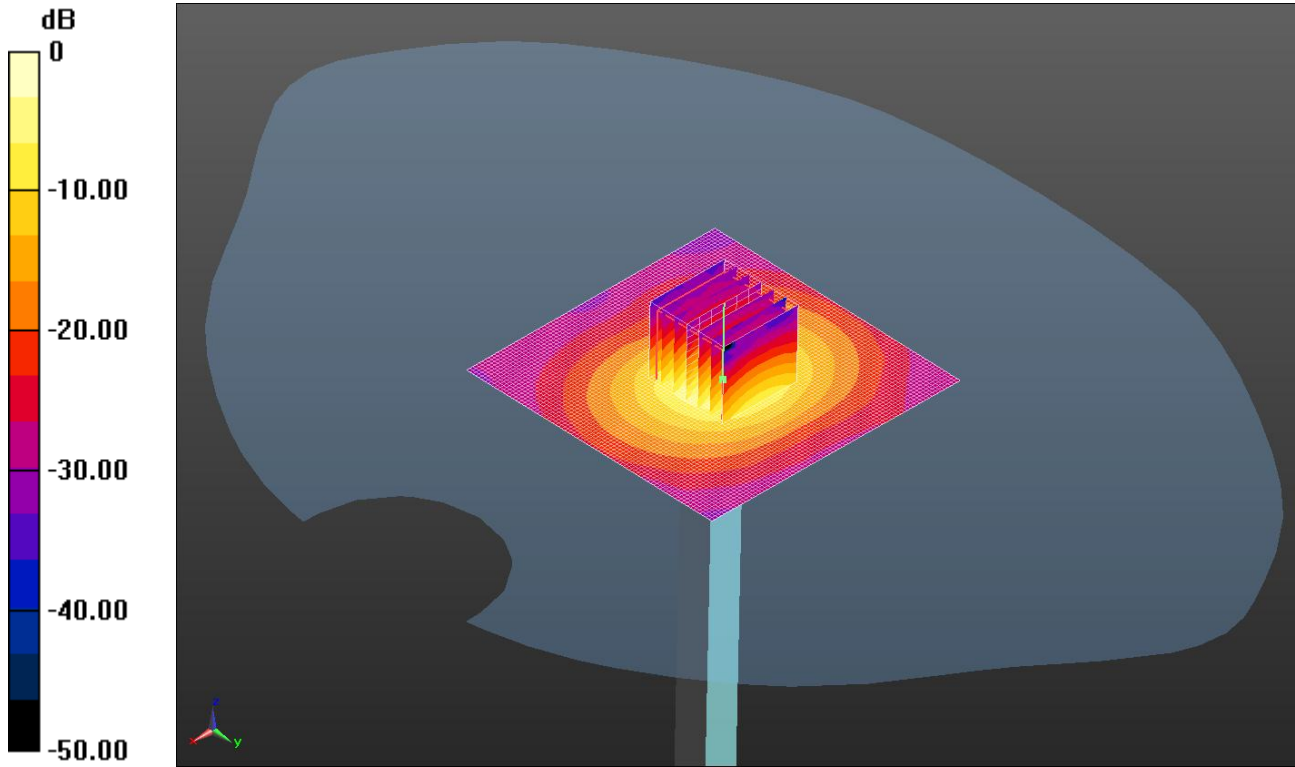
**SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 15.8 W/kg

135: System Performance Check 5200MHz Head 15 07 13

Date: 15/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.5 W/kg = 12.17 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.889$  S/m;  $\epsilon_r = 35.844$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 3 2 2 2/Area Scan (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.2 W/kg

**Configuration/d=10mm, Pin=100mW 3 2 2 2/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.907 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 31.6 W/kg

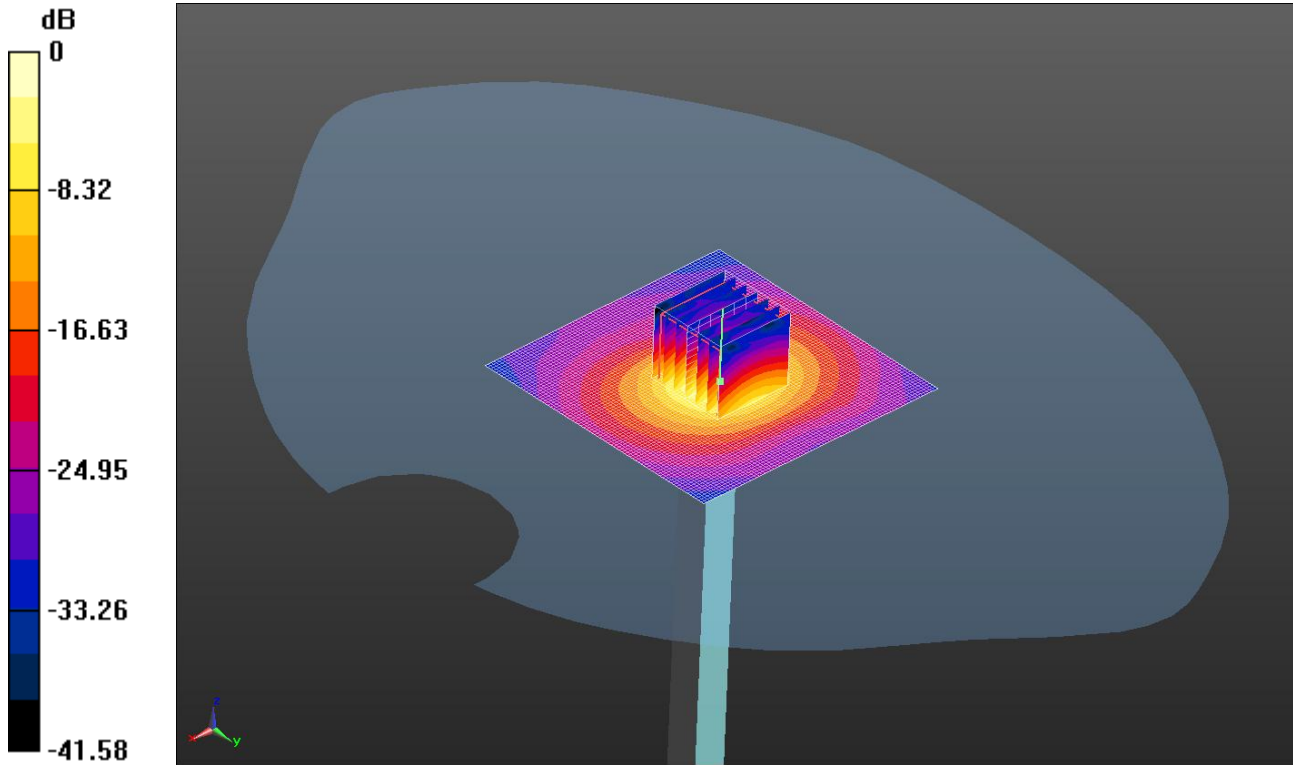
**SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.33 W/kg**

Maximum value of SAR (measured) = 16.5 W/kg

136: System Performance Check 5500MHz Head 15 07 13

Date: 15/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 18.2 W/kg = 12.60 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.02$  S/m;  $\epsilon_r = 35.429$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW/Area Scan (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.6 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:** Measurement grid: dx=4mm,

dy=4mm, dz=2mm

Reference Value = 60.511 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 35.9 W/kg

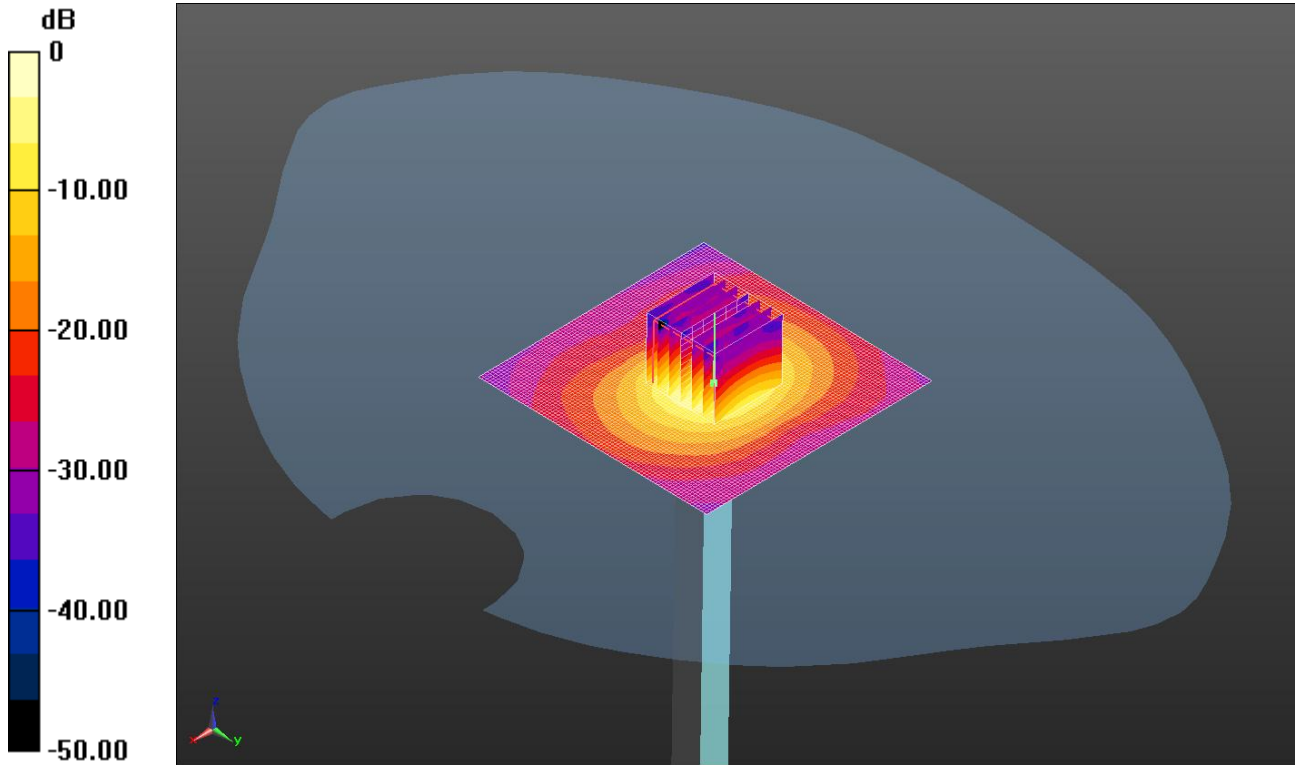
**SAR(1 g) = 8.65 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 18.2 W/kg

137: System Performance Check 5800MHz Head 15 07 13

Date: 15/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.8 W/kg = 12.25 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.318 \text{ S/m}$ ;  $\epsilon_r = 34.997$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012;

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW/Area Scan (81x81x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 17.1 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,

$dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 58.303 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 34.8 W/kg

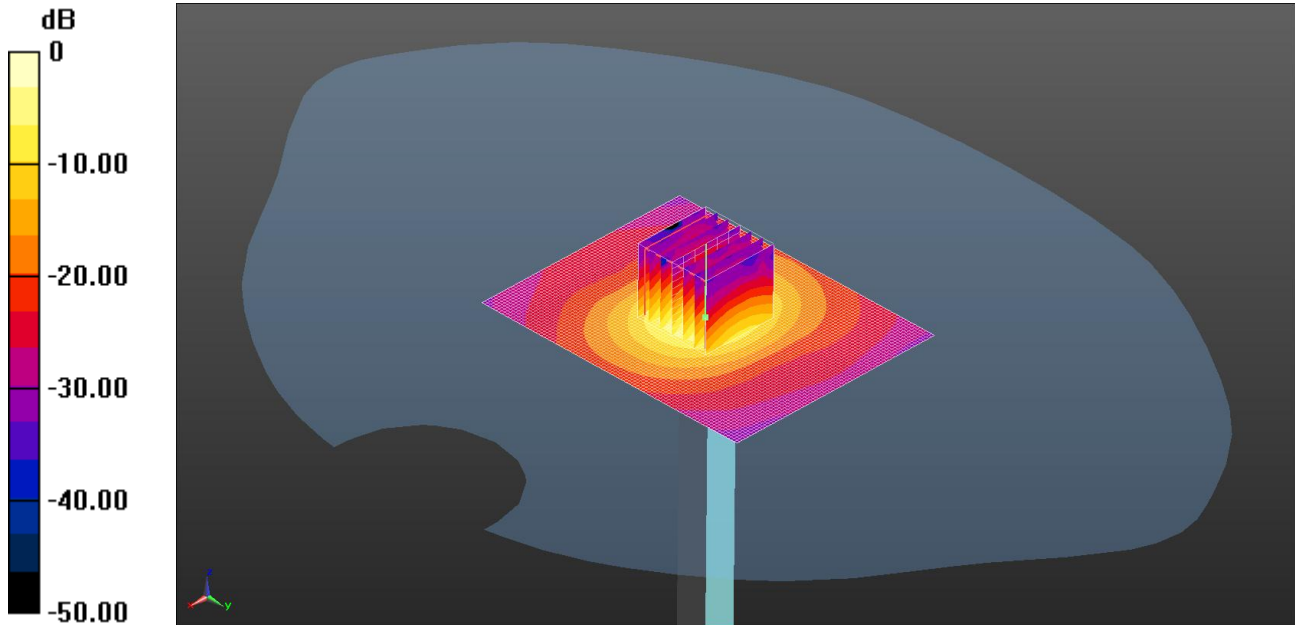
**SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.28 W/kg**

Maximum value of SAR (measured) = 16.8 W/kg

138: System Performance Check 5200MHz Body 13 07 13

Date: 13/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.6 W/kg = 11.93 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.441$  S/m;  $\epsilon_r = 48.103$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.7 W/kg

**Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.652 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 29.4 W/kg

**SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.09 W/kg**

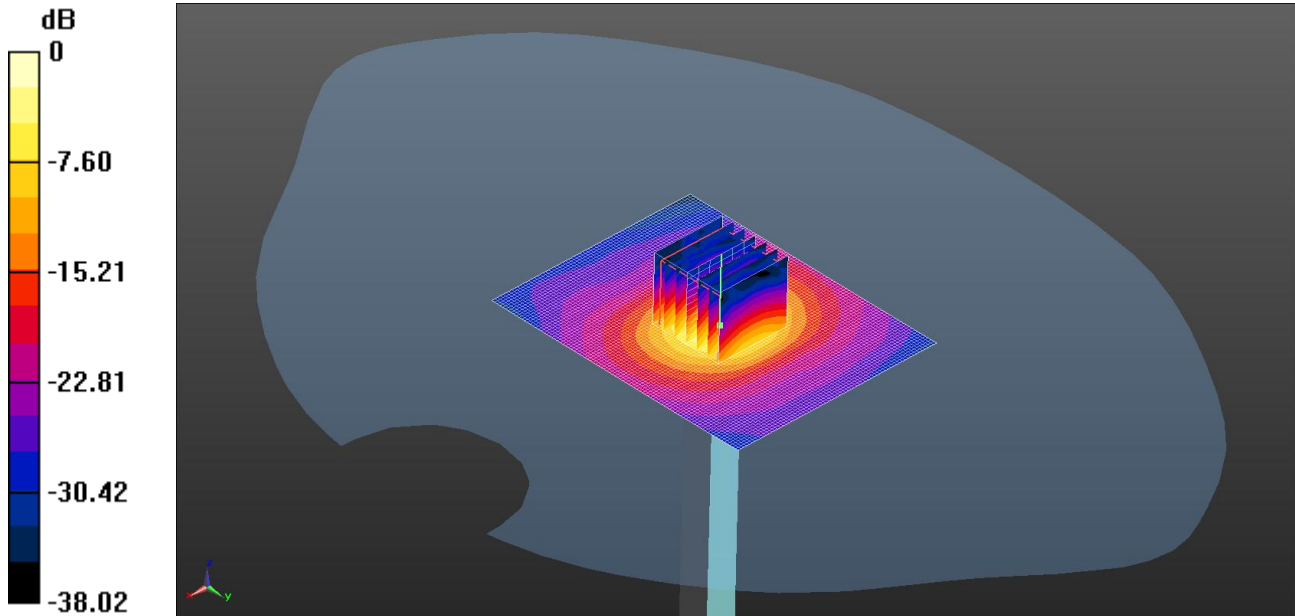
Maximum value of SAR (measured) = 15.6 W/kg



139: System Performance Check 5200MHz Body 16 07 13

Date: 16/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 15.3 W/kg = 11.85 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.48$  S/m;  $\epsilon_r = 48.173$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.5 W/kg

**Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) 2 2 2 (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.012 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 29.1 W/kg

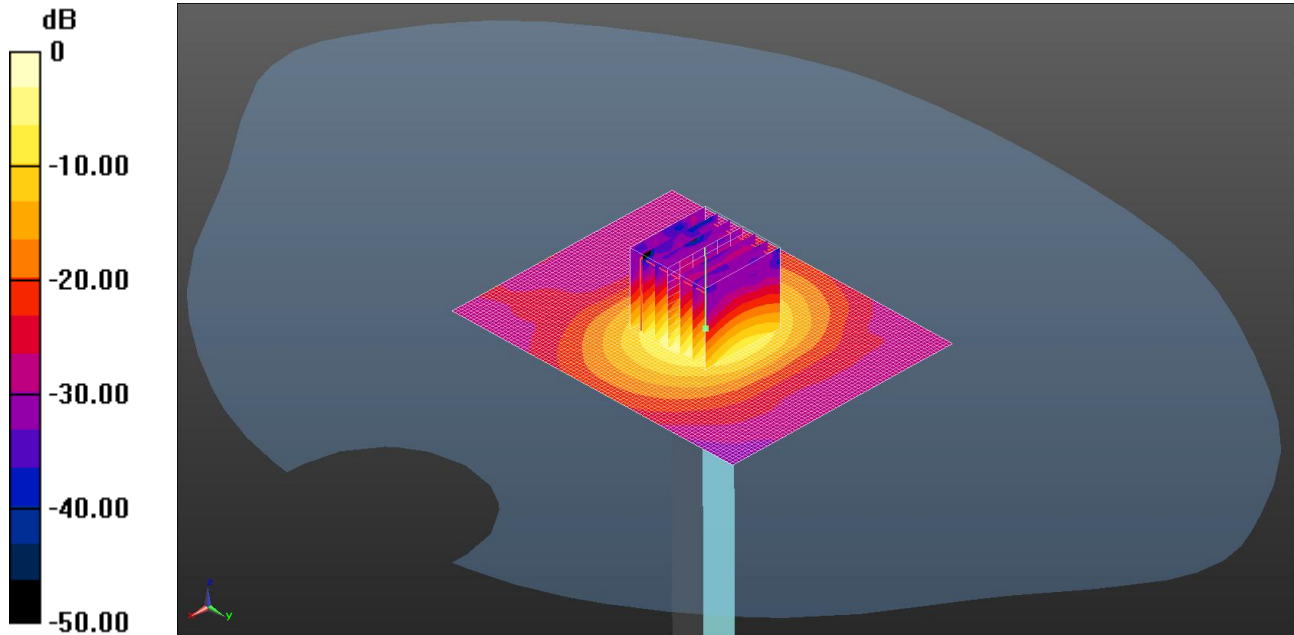
**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.03 W/kg**

Maximum value of SAR (measured) = 15.3 W/kg

140: System Performance Check 5500MHz Body 16 07 13

Date: 16/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 17.5 W/kg = 12.43 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.779$  S/m;  $\epsilon_r = 48.207$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.6 W/kg

**Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.742 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 35.1 W/kg

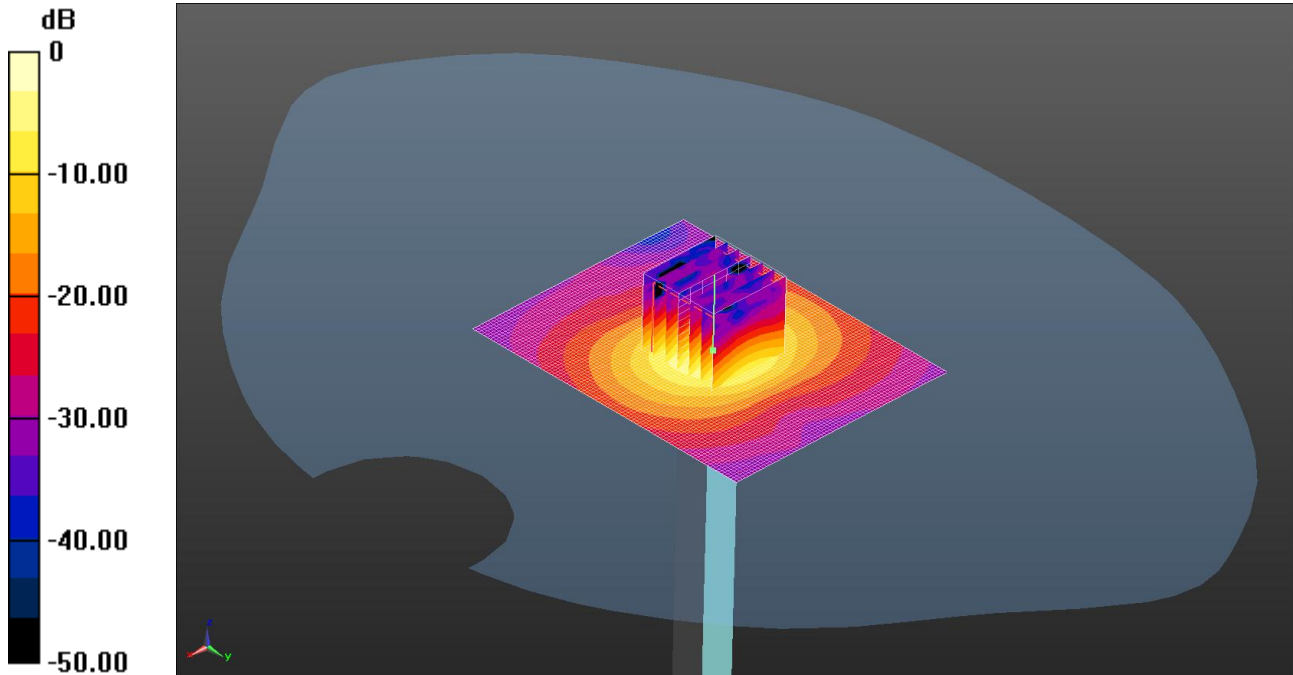
**SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.25 W/kg**

Maximum value of SAR (measured) = 17.5 W/kg

141: System Performance Check 5800MHz Body 16 07 13

Date: 16/07/2013

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.1 W/kg = 12.07 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.153$  S/m;  $\epsilon_r = 47.813$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn417; Calibrated: 17/04/2013

- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.9 (7117)

**Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.7 W/kg

**Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.126 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 32.0 W/kg

**SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.05 W/kg**

Maximum value of SAR (measured) = 16.1 W/kg