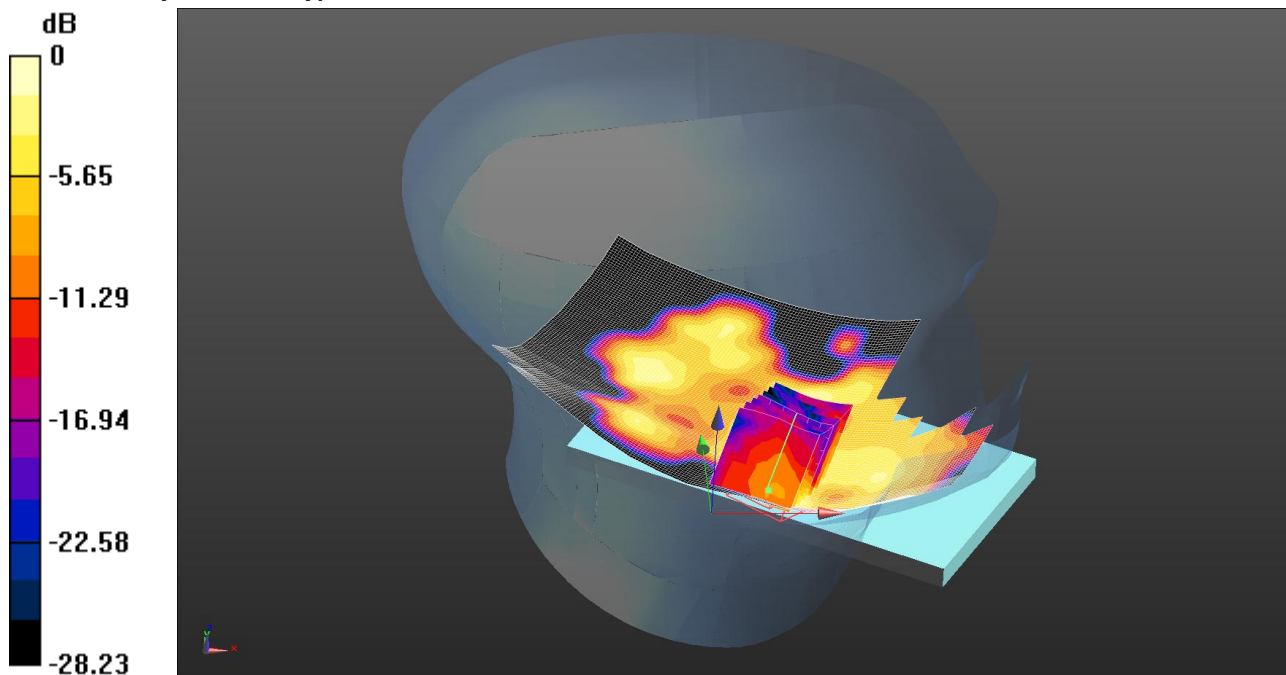


050: Touch Left WiFi 802.11b 1Mbps CH6

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0452 W/kg = -13.45 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.97$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0421 W/kg

Configuration/Touch Left- Middle/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.296 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0452 W/kg

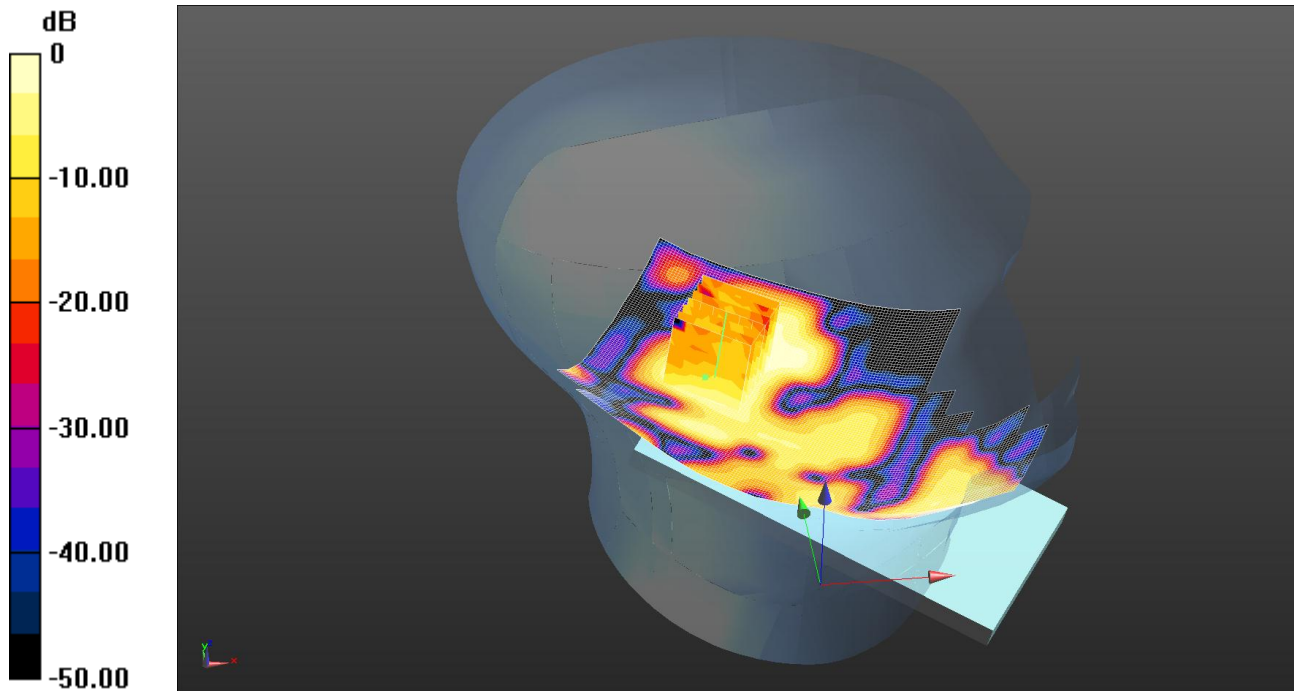
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

051: Tilt Left WiFi 802.11b 1Mbps CH6

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0226 W/kg = -16.46 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.97$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Tilt Left- Middle/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0247 W/kg

Configuration/Tilt Left- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.885 V/m; Power Drift = 0.34 dB

Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00988 W/kg

Maximum value of SAR (measured) = 0.0226 W/kg

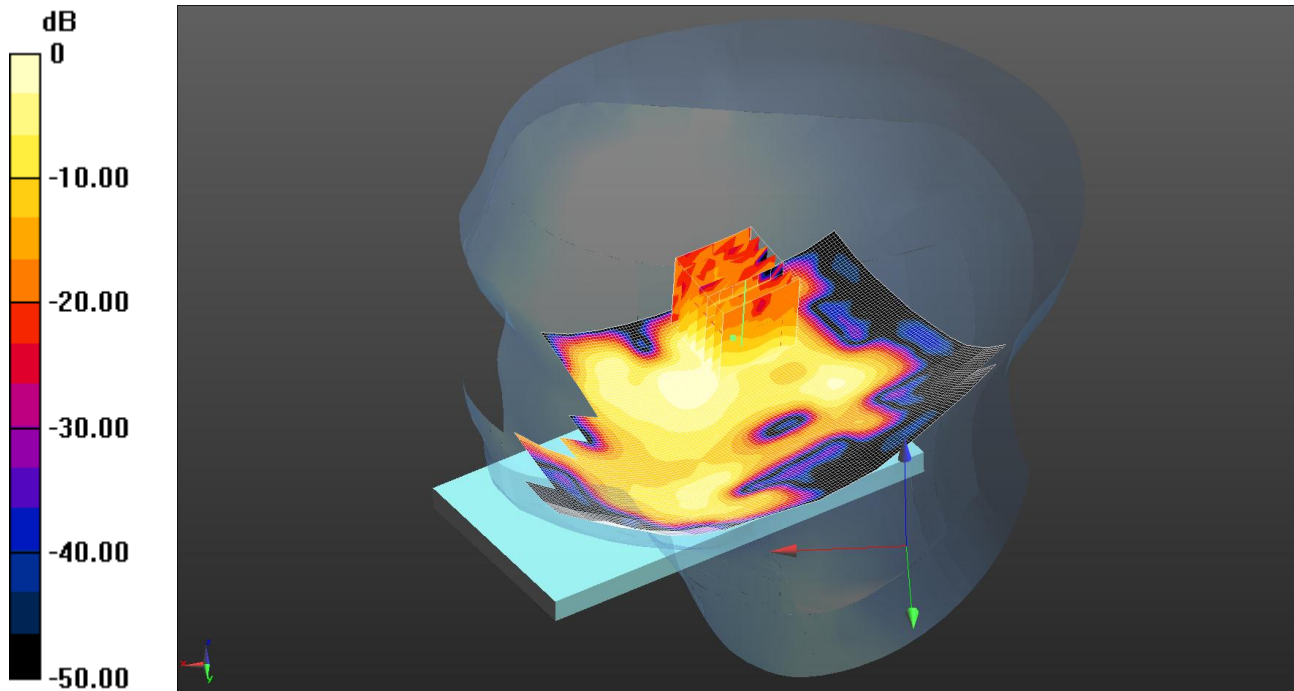
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

052: Touch Right WiFi 802.11b 1Mbps CH6

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0663 W/kg = -11.78 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.97$; $\rho = 1000$ kg/m³

Phantom section: Right 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/Touch Right- Middle/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0815 W/kg

Configuration/Touch Right- Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.083 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0663 W/kg

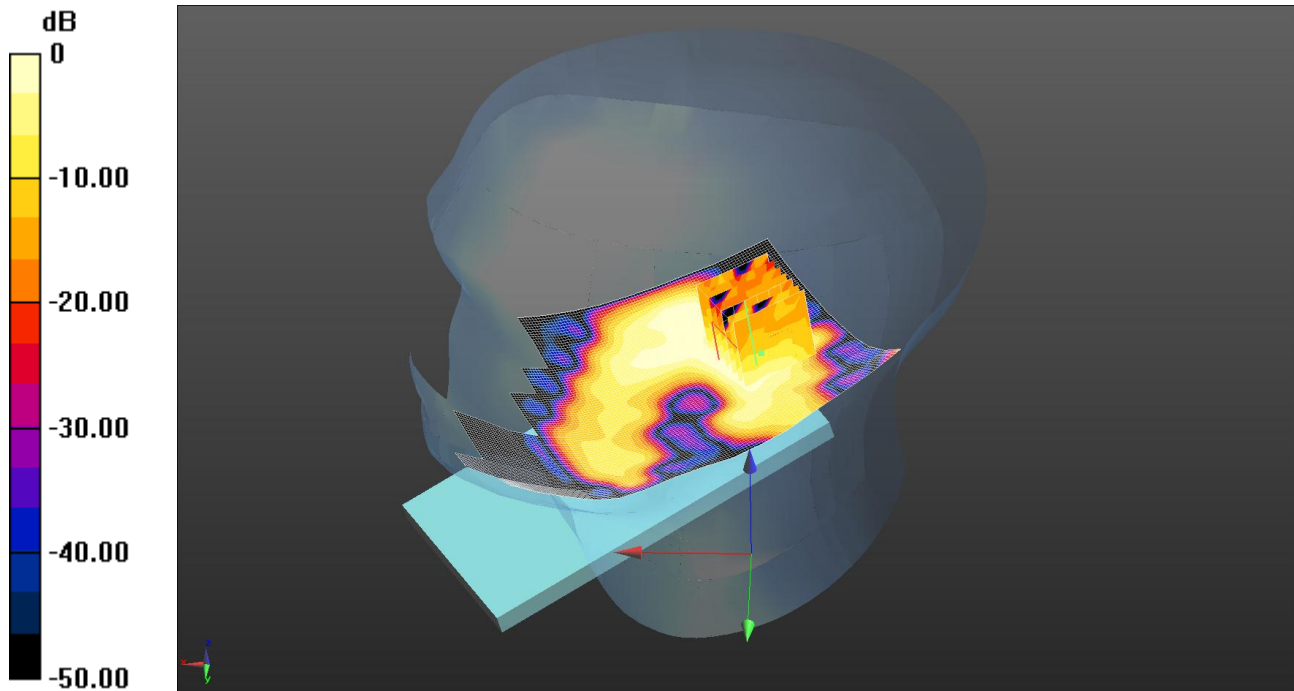
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

053: Tilt Right WiFi 802.11b 1Mbps CH6

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0249 W/kg = -16.04 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.97$; $\rho = 1000$ kg/m³

Phantom section: Right 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/Tilt Right- Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0329 W/kg

Configuration/Tilt Right- Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.014 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00941 W/kg

Maximum value of SAR (measured) = 0.0249 W/kg

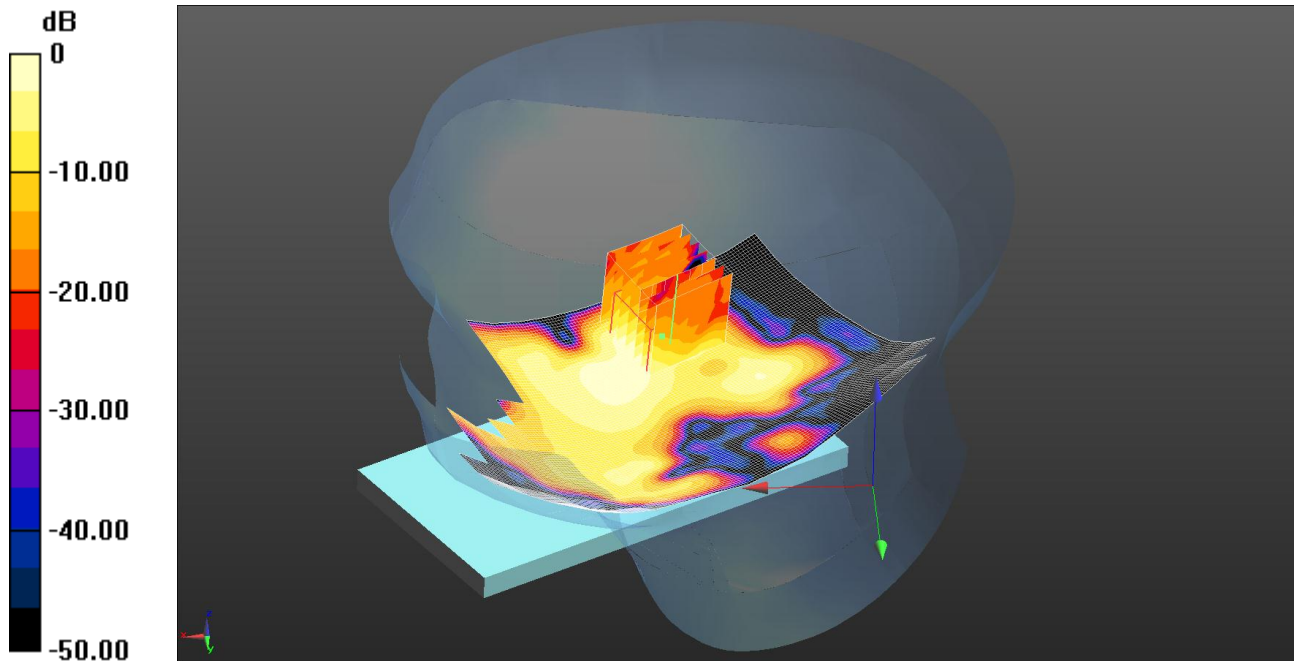
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

054: Touch Right WiFi 802.11b 1Mbps CH1

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0601 W/kg = -12.21 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 40.046$; $\rho = 1000$ kg/m³

Phantom section: Right 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/Touch Right- Middle/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0726 W/kg

Configuration/Touch Right- Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.843 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0601 W/kg

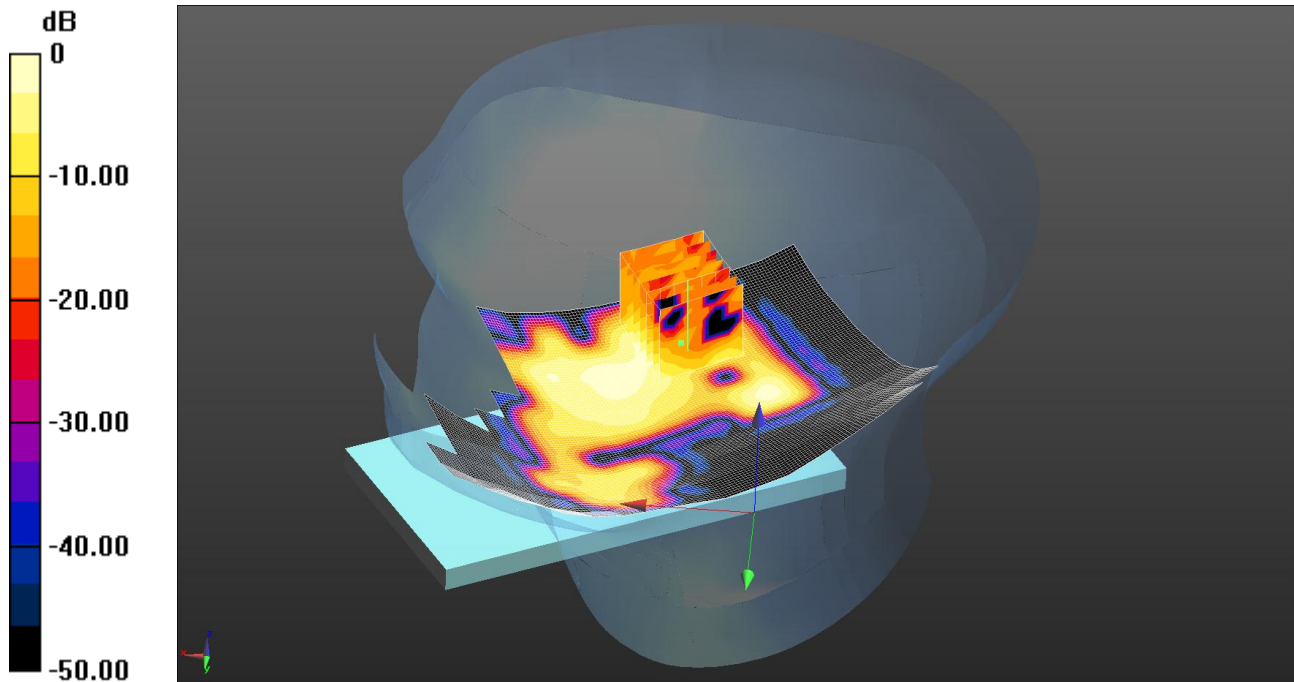
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

055: Touch Right WiFi 802.11b 1Mbps CH11

Date: 24/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0454 W/kg = -13.43 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 39.884$; $\rho = 1000$ kg/m³

Phantom section: Right 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/Touch Right- Middle/Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0565 W/kg

Configuration/Touch Right- Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.088 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0454 W/kg

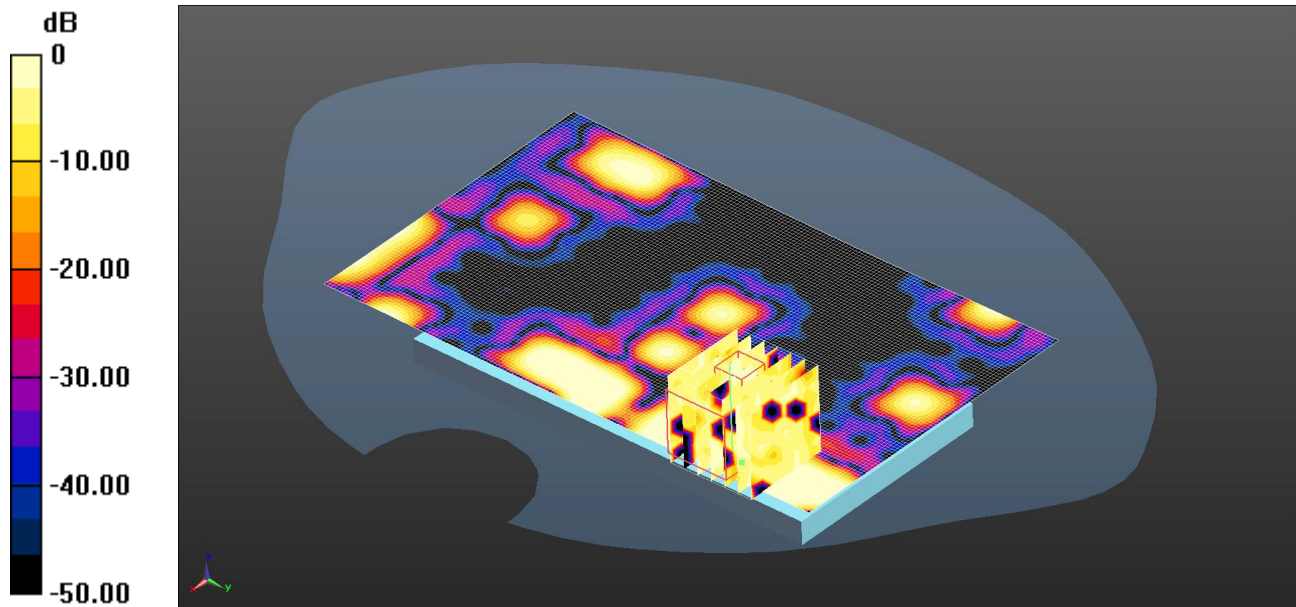
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

056: Front of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 18/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.00228 W/kg = -26.42 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.33$; $\rho = 1000$ kg/m³

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/Front of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0428 W/kg

Configuration/Front of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.318 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.00228 W/kg

SAR(1 g) = 0.00105 W/kg; SAR(10 g) = 0.000456 W/kg

Maximum value of SAR (measured) = 0.00228 W/kg

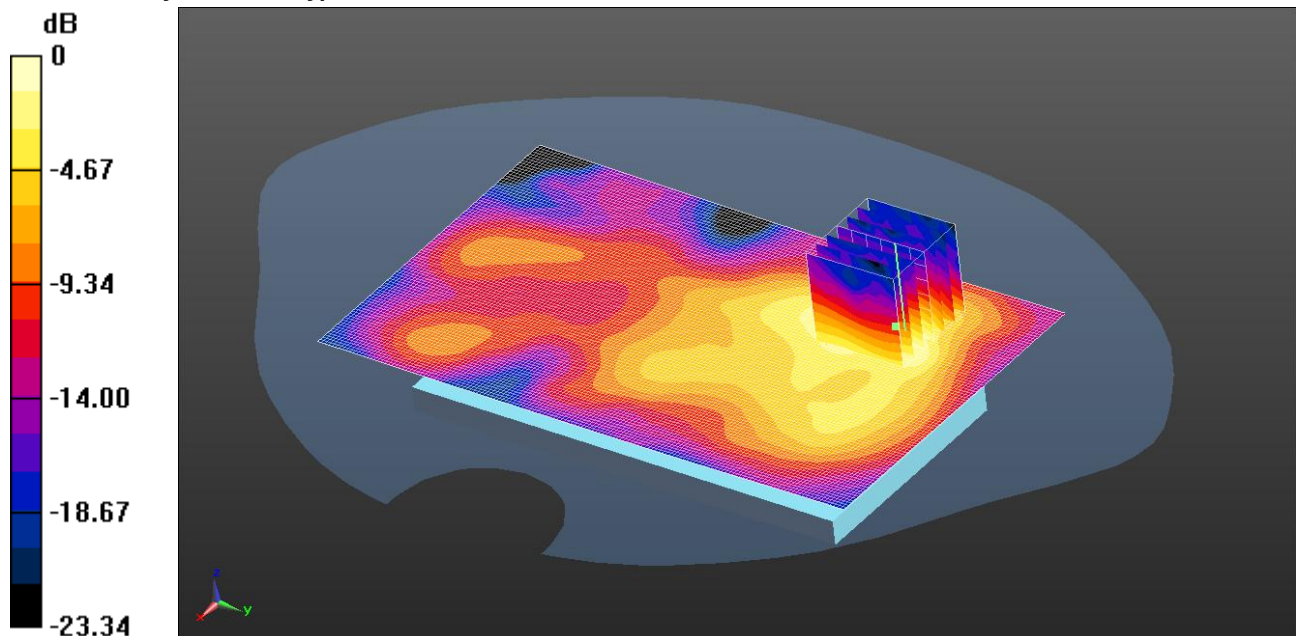
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

057: Back of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 18/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.101 W/kg = -9.96 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.33$; $\rho = 1000$ kg/m³

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/Back of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0918 W/kg

Configuration/Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.870 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.101 W/kg

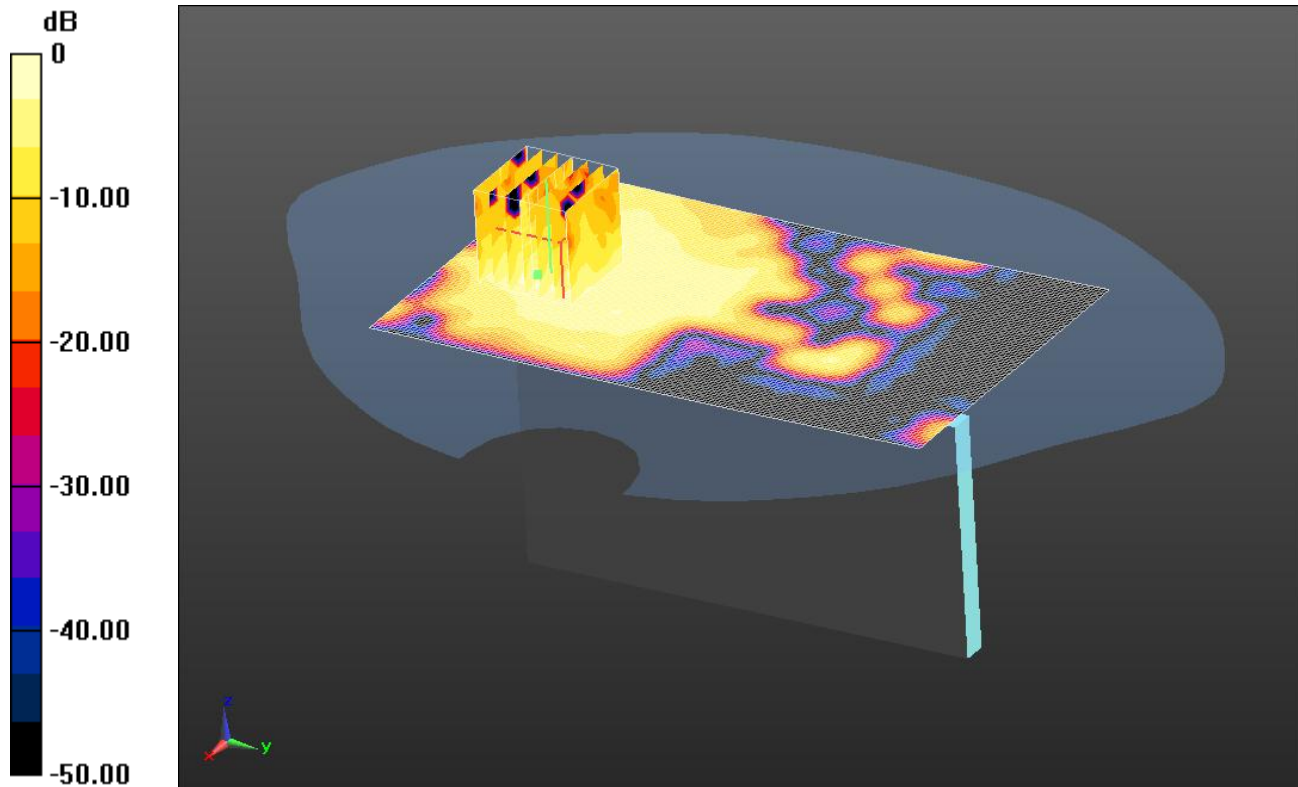
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

058: Left hand side of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 18/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0176 W/kg = -17.54 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.33$; $\rho = 1000$ kg/m³

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/Left hand side of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid:

$dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0137 W/kg

Configuration/Left hand side of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0:

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

Reference Value = 2.233 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0350 W/kg

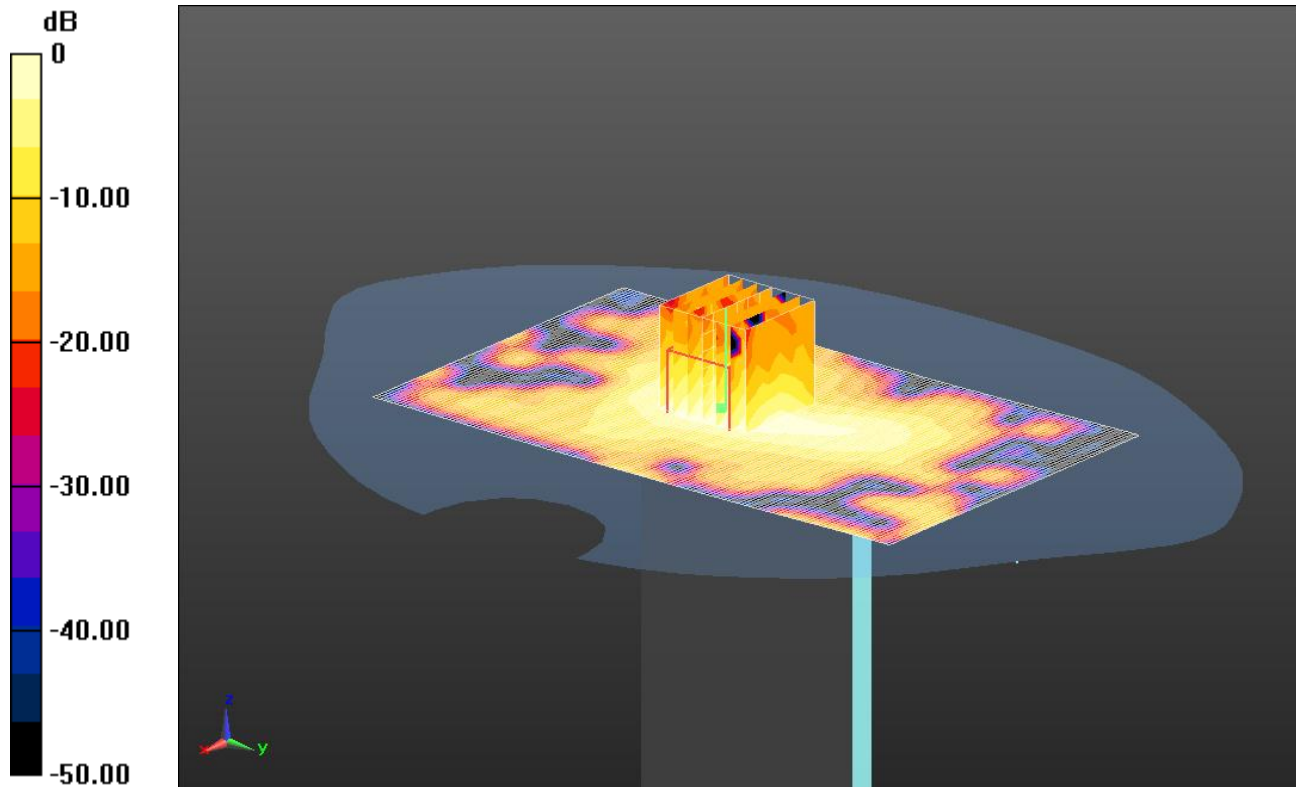
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00645 W/kg

Maximum value of SAR (measured) = 0.0176 W/kg

059: Bottom of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 18/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0373 W/kg = -14.28 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.33$; $\rho = 1000$ kg/m³

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/Bottom of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0410 W/kg

Configuration/Bottom of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0:

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

Reference Value = 2.999 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0373 W/kg

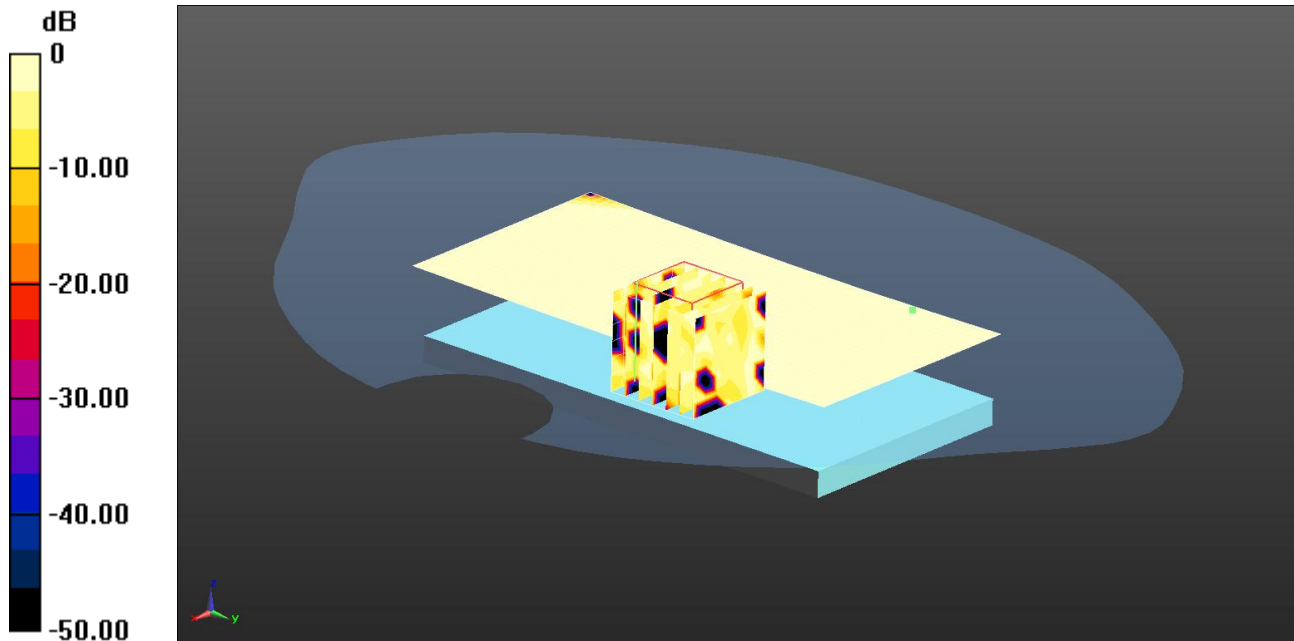
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

060: Back of EUT Facing Phantom 802.11b 1Mbps CH1

Date: 18/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.00182 W/kg = -27.40 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 51.415$; $\rho = 1000$ kg/m³

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/Back of EUT Facing Phantom- Low 2/Area Scan 2 (31x61x1): Interpolated grid: dx=2.500 mm, dy=2.500 mm

Maximum value of SAR (interpolated) = 0.0379 W/kg

Configuration/Back of EUT Facing Phantom- Low 2/Zoom Scan (7x7x7) 2 2 2 (7x7x7)/Cube 0:

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

Reference Value = 3.804 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.00296 W/kg

SAR(1 g) = 0.000869 W/kg; SAR(10 g) = 0.000293 W/kg

Maximum value of SAR (measured) = 0.00182 W/kg

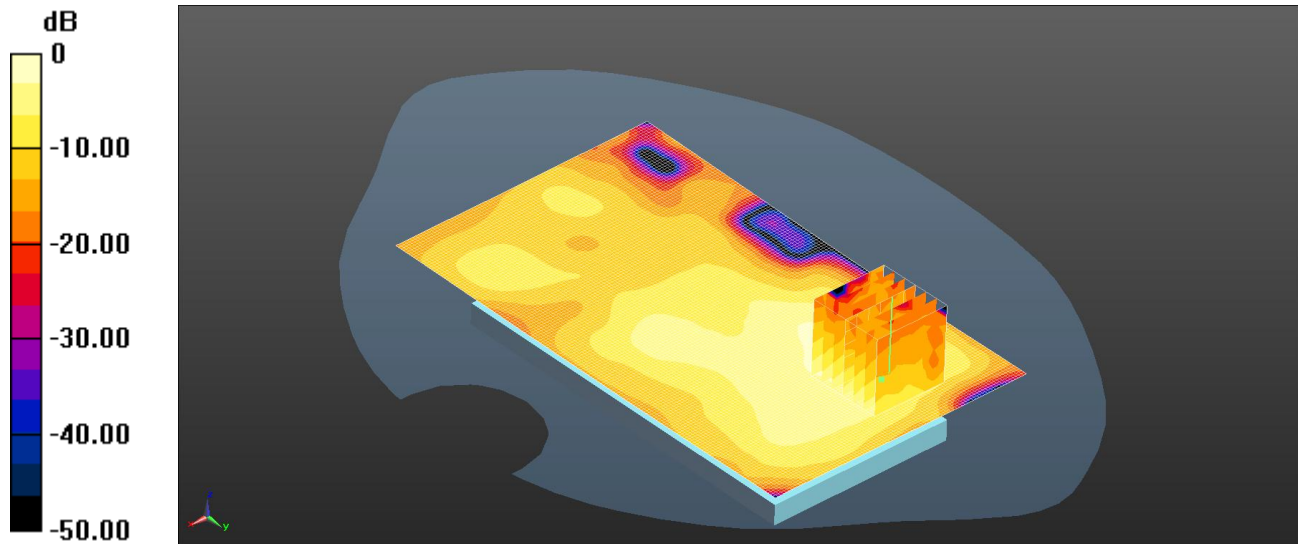
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

061: Back of EUT Facing Phantom 802.11b 1Mbps CH11

Date: 19/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0596 W/kg = -12.25 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 51.251$; $\rho = 1000$ kg/m³

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/Back of EUT Facing Phantom- High 2/Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

Configuration/Back of EUT Facing Phantom- High 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement

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

Reference Value = 4.320 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0596 W/kg

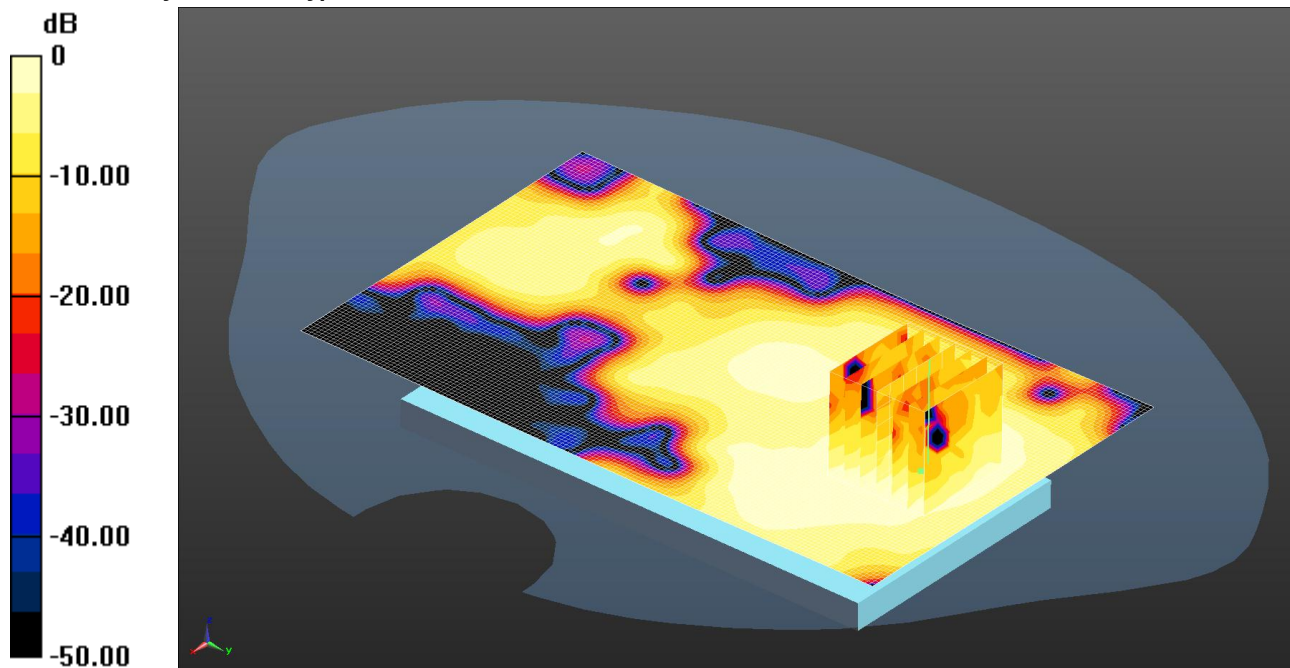
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

062: Front of EUT Facing Phantom 802.11b 1Mbps at 15mm CH6

Date: 19/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0210 W/kg = -16.78 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 51.313$; $\rho = 1000$ kg/m³

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/Front of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0218 W/kg

Configuration/Front of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.695 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0210 W/kg

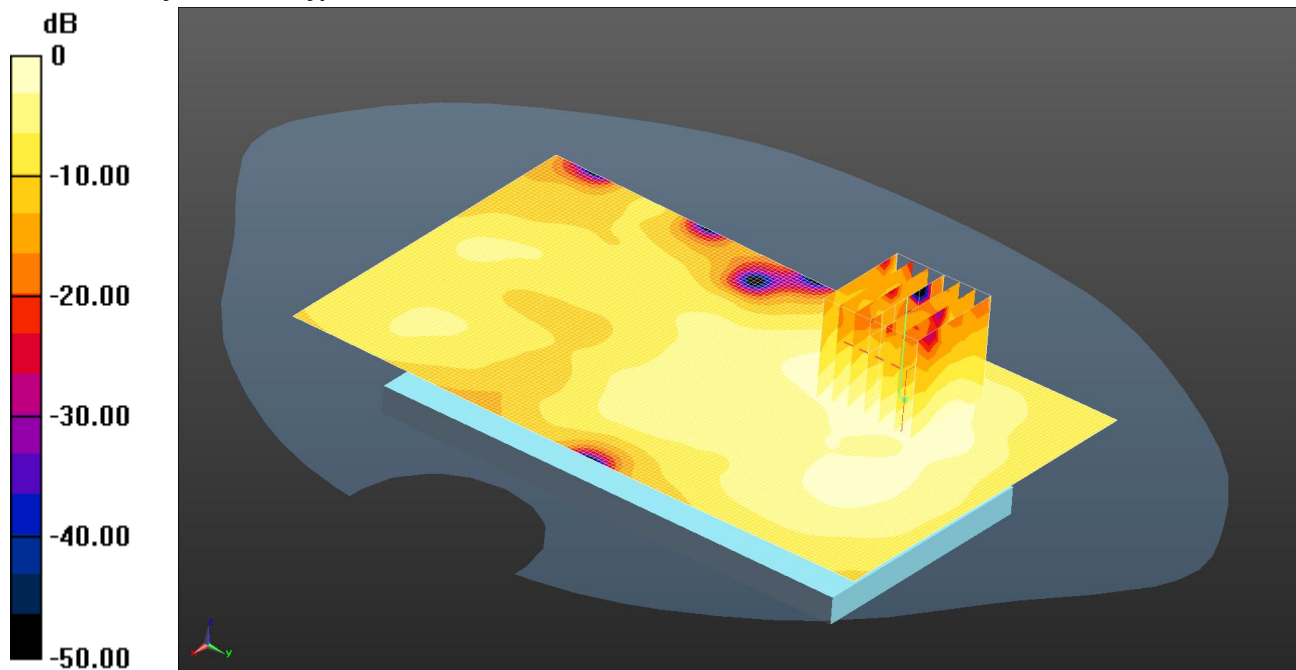
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

063: Back of EUT Facing Phantom 802.11b 1Mbps at 15mm CH6

Date: 19/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0378 W/kg = -14.23 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.33$; $\rho = 1000$ kg/m³

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/Back of EUT Facing Phantom- Middle/Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0373 W/kg

Configuration/Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.197 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0378 W/kg

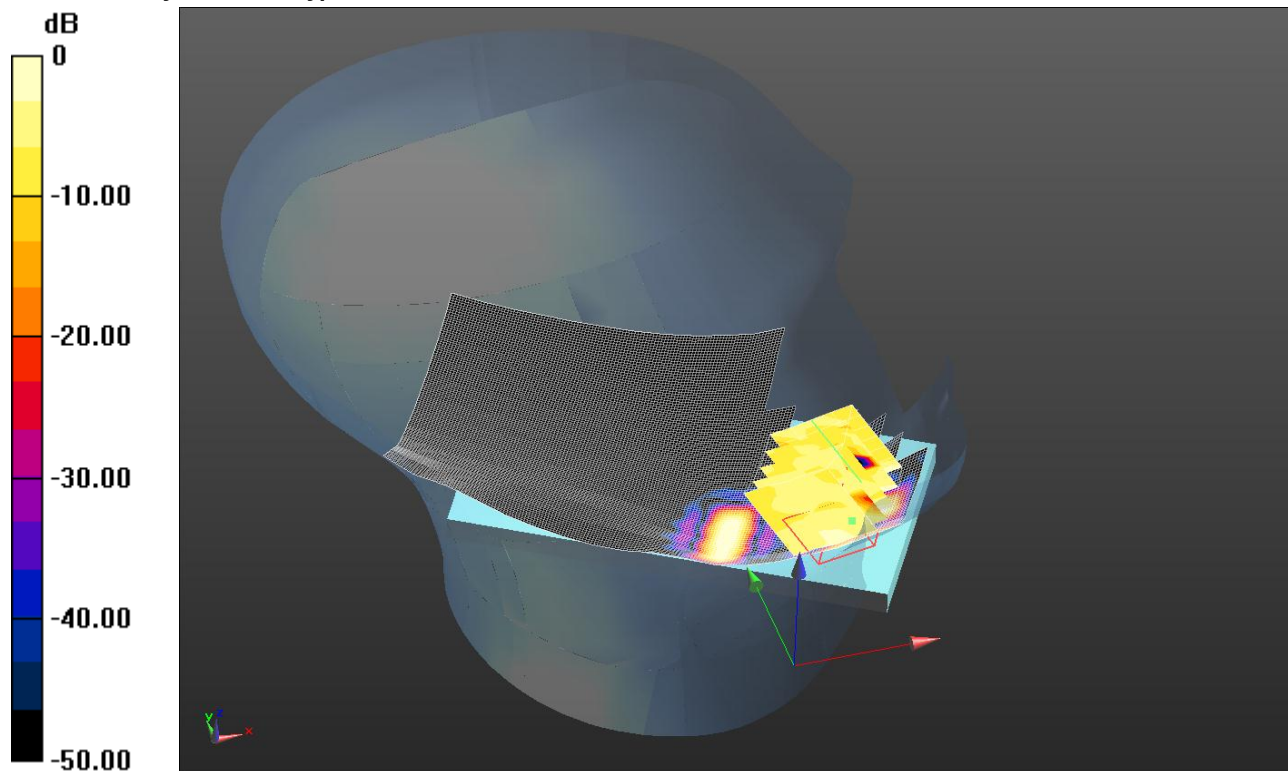
Note: SAR level measured is very low as equivalent to noise floor.

Prior to the assessment, the system was verified in the flat region of the phantom, 2.4 GHz dipole was used. A forward power of 250 mW was applied to 2.4 GHz dipole and the system was verified to a tolerance of $\pm 5\%$ for the 2.4 GHz dipole.

064: Touch Left 802.11a 5.2GHz CH48

Date 15/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0264 W/kg = -15.78 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; $\sigma = 4.775$ S/m; $\epsilon_r = 35.94$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0376 W/kg

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

Reference Value = 1.036 V/m; Power Drift = 1.51 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00953 W/kg

Maximum value of SAR (measured) = 0.0264 W/kg

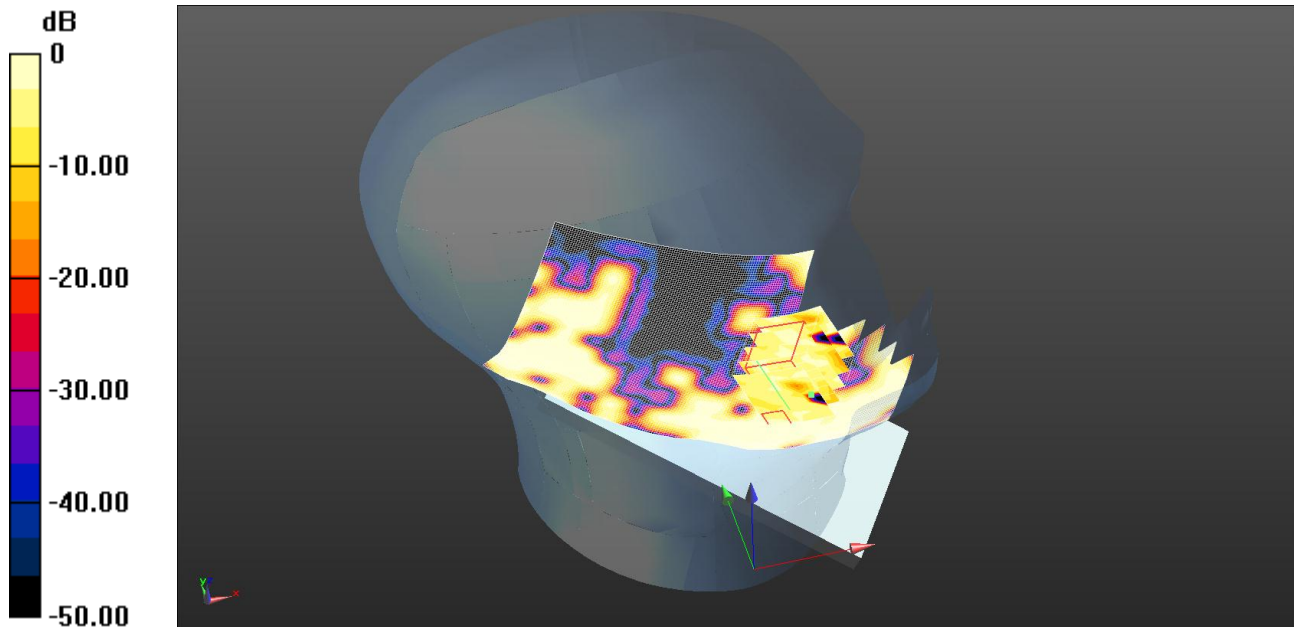
Note: SAR level measured is very low as equivalent to noise floor.

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.

065: Tilt Left 802.11a 5.2GHz CH48

Date 15/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0106 W/kg = -19.75 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; $\sigma = 4.775$ S/m; $\epsilon_r = 35.94$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0297 W/kg

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

Reference Value = 1.617 V/m; Power Drift = -2.44 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.005 W/kg; SAR(10 g) = 0.00291 W/kg

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

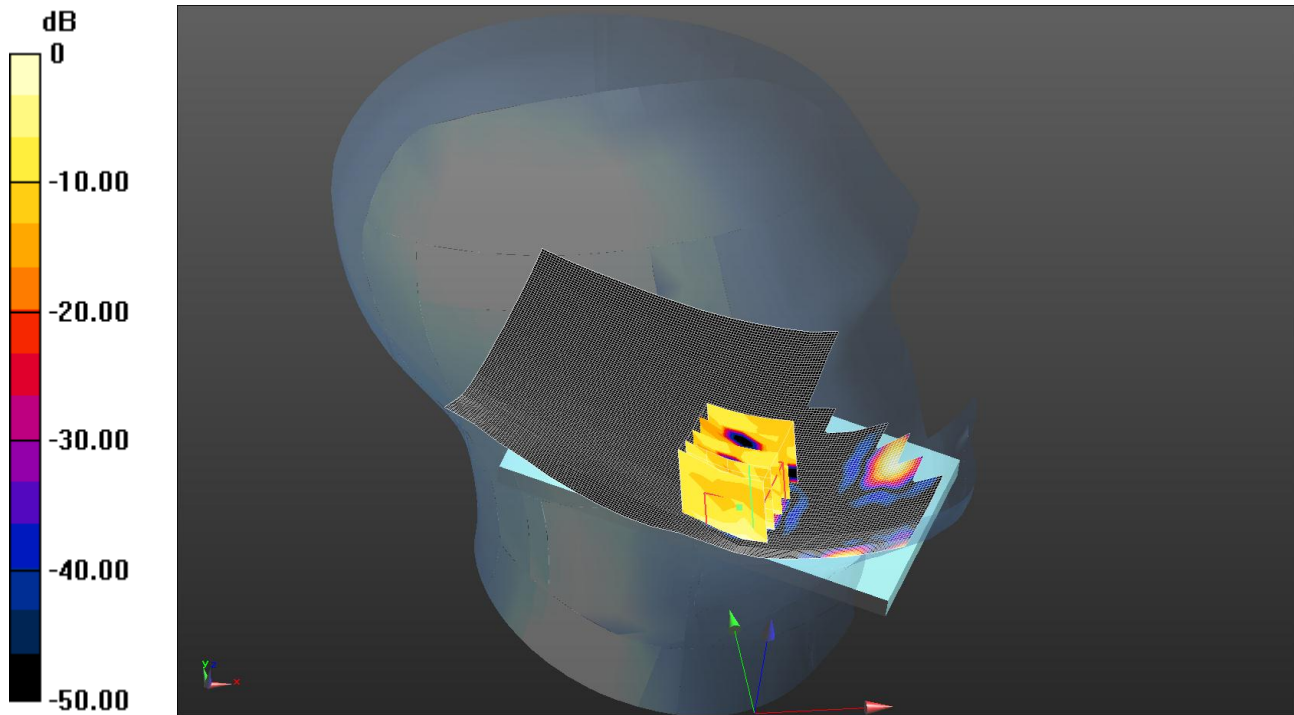
Note: SAR level measured is very low as equivalent to noise floor.

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.

066: Touch Left 802.11a 5.3GHz CH52

Date 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0436 W/kg = -13.61 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/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); 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/Touch Left- Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0513 W/kg

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

Reference Value = 2.099 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00393 W/kg

Maximum value of SAR (measured) = 0.0436 W/kg

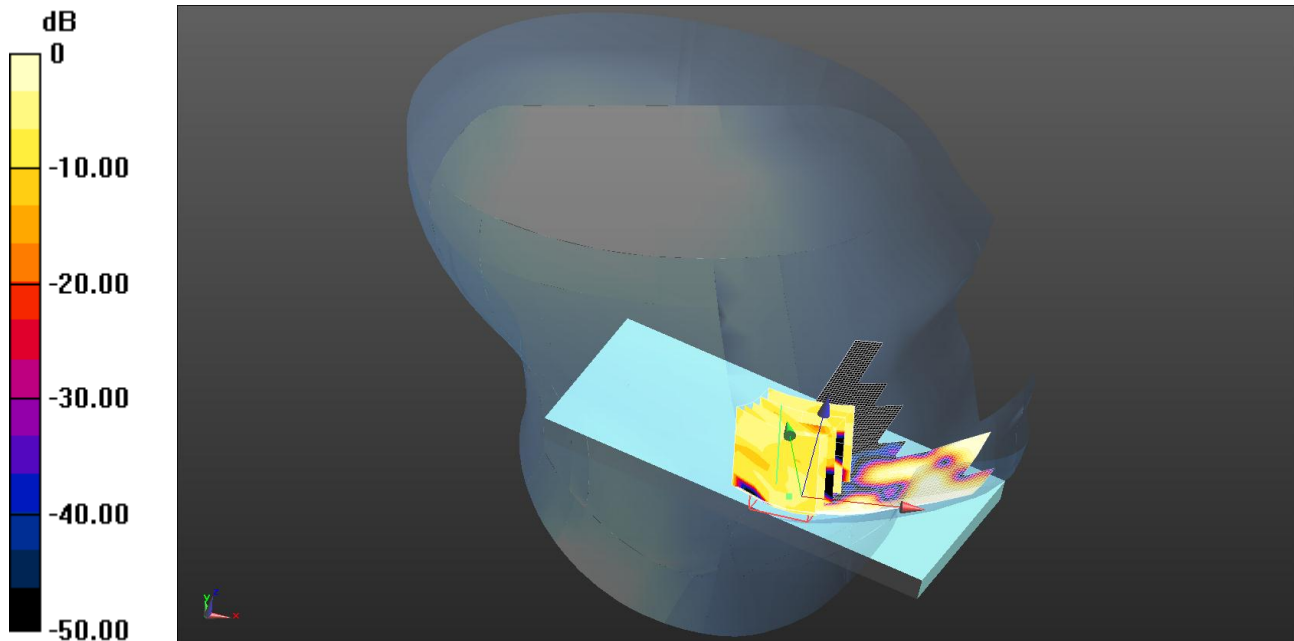
Note: SAR level measured is very low as equivalent to noise floor.

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.

067: Touch Left 802.11ac 40MHz CH46

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5230$ MHz; $\sigma = 4.766$ S/m; $\epsilon_r = 35.972$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0463 W/kg

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

Reference Value = 1.950 V/m; Power Drift = 0.33 dB

Peak SAR (extrapolated) = 0.0360 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.0058 W/kg

Maximum value of SAR (measured) = 0.0218 W/kg

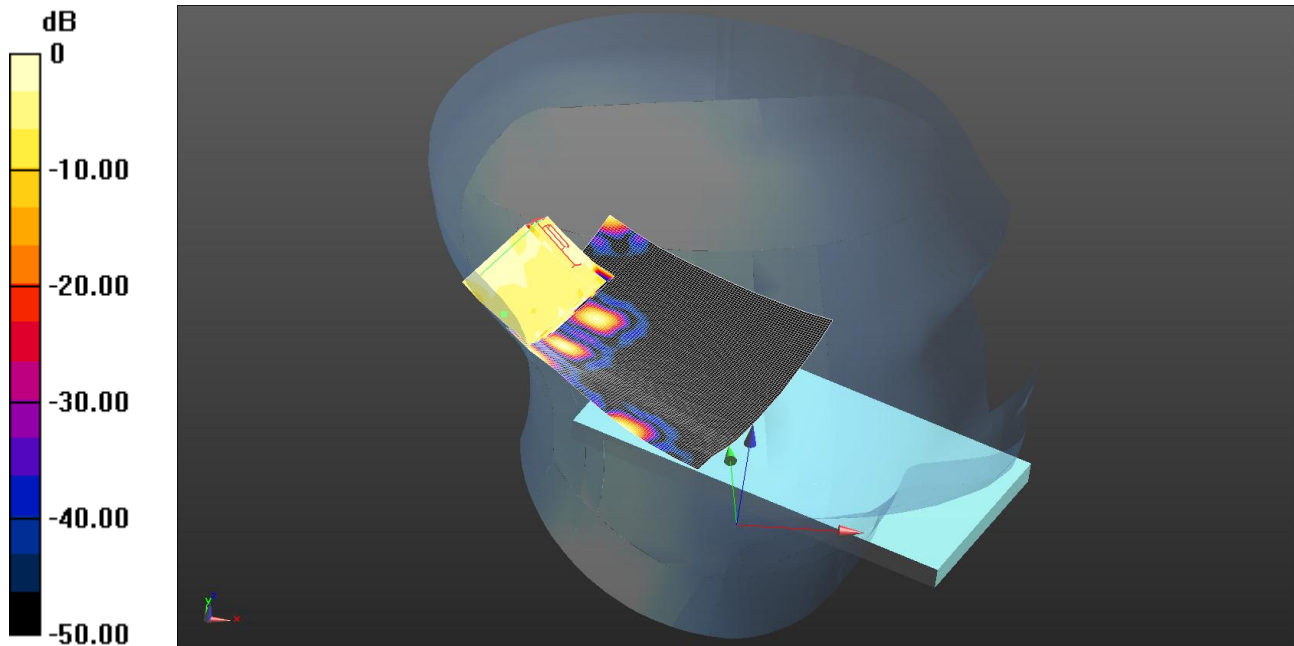
Note: SAR level measured is very low as equivalent to noise floor.

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.

068: Touch Left 802.11ac 40MHz CH54

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0146 W/kg = -18.36 dBW/kg

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

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 4.804$ S/m; $\epsilon_r = 35.849$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0151 W/kg

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

Reference Value = 1.165 V/m; Power Drift = -0.38 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.00911 W/kg; SAR(10 g) = 0.00654 W/kg

Maximum value of SAR (measured) = 0.0146 W/kg

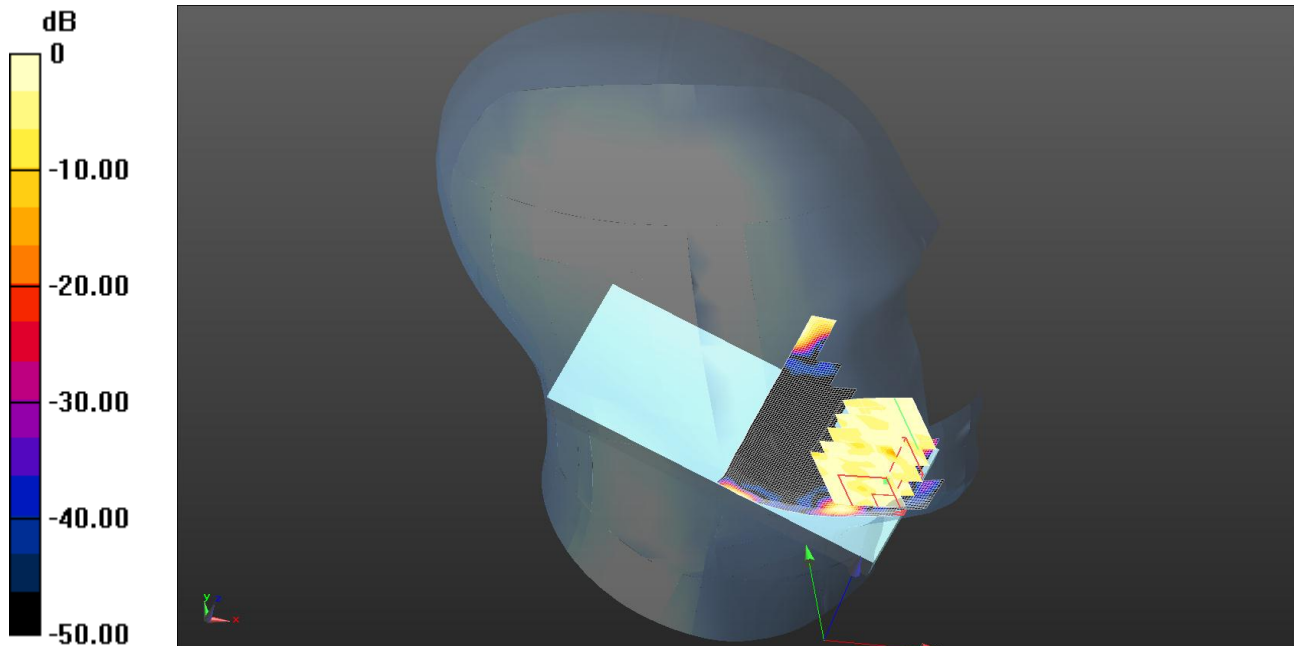
Note: SAR level measured is very low as equivalent to noise floor.

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.

069: Touch Left 802.11ac 40MHz CH134

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0131 W/kg = -18.83 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5670$ MHz; $\sigma = 5.172$ S/m; $\epsilon_r = 35.208$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.26, 4.26, 4.26); 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0105 W/kg

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

Reference Value = 0.964 V/m; Power Drift = 3.80 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.00917 W/kg; SAR(10 g) = 0.00458 W/kg

Maximum value of SAR (measured) = 0.0131 W/kg

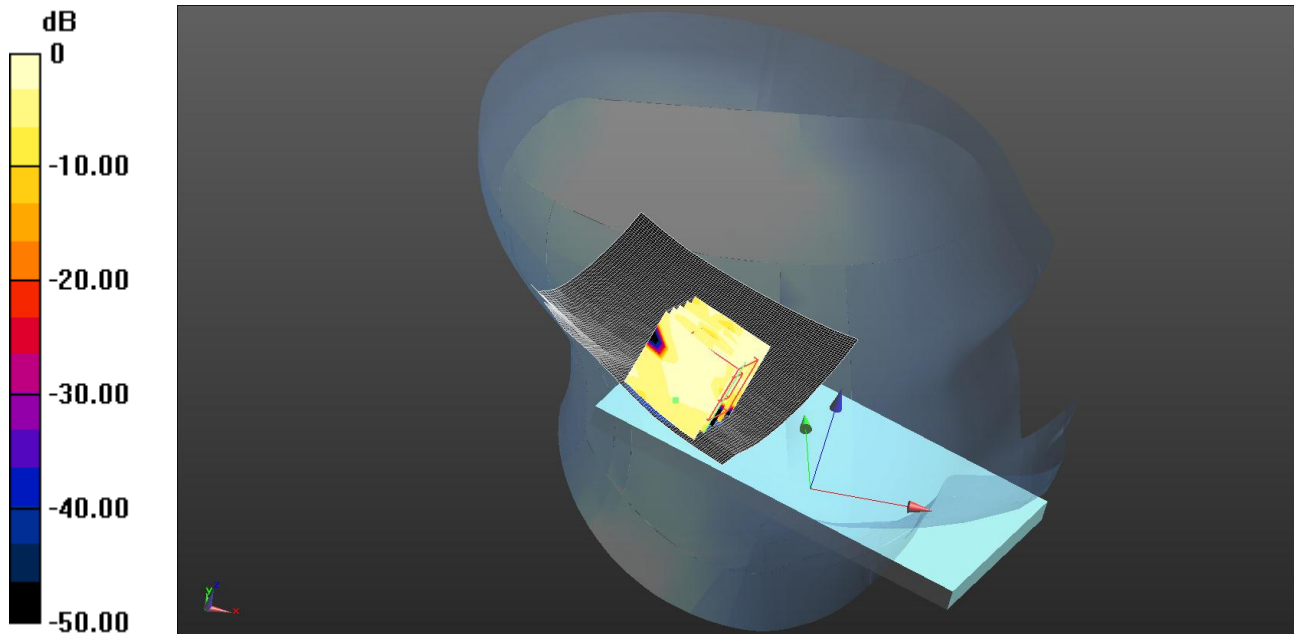
Note: SAR level measured is very low as equivalent to noise floor.

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.

070: Touch Left 802.11ac 40MHz CH159

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0141 W/kg = -18.51 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.313$ S/m; $\epsilon_r = 35.008$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0112 W/kg

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

Reference Value = 1.200 V/m; Power Drift = -0.68 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00482 W/kg

Maximum value of SAR (measured) = 0.0141 W/kg

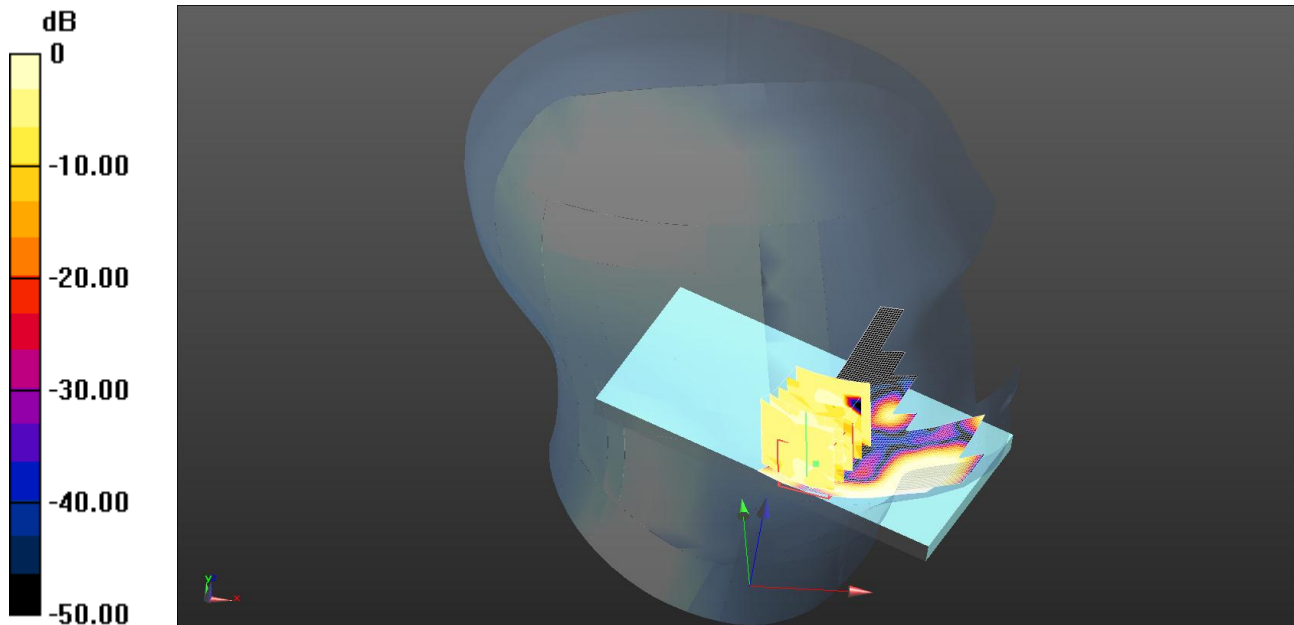
Note: SAR level measured is very low as equivalent to noise floor.

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.

071: Touch Left 802.11ac 80MHz CH42

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0151 W/kg = -18.21 dBW/kg

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

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5210$ MHz; $\sigma = 4.746$ S/m; $\epsilon_r = 36.035$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0640 W/kg

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

Reference Value = 1.550 V/m; Power Drift = 1.00 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.00952 W/kg; SAR(10 g) = 0.00432 W/kg

Maximum value of SAR (measured) = 0.0151 W/kg

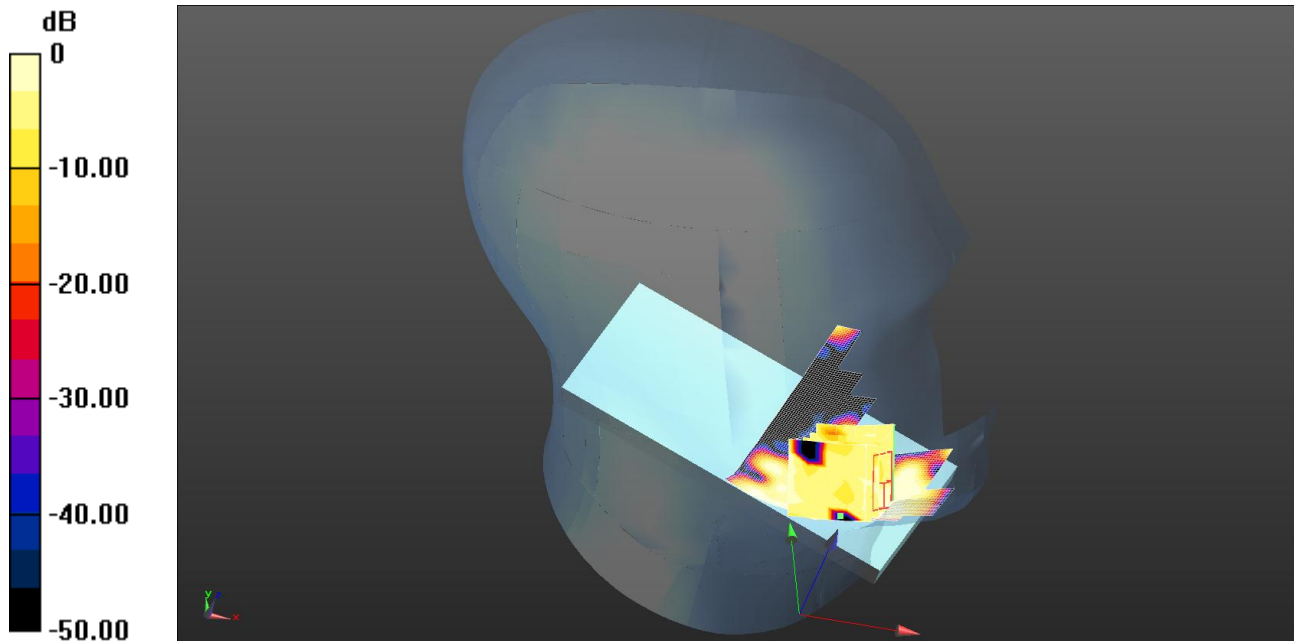
Note: SAR level measured is very low as equivalent to noise floor.

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.

072: Touch Left 802.11ac 80MHz CH58

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0191 W/kg = -17.19 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.824$ S/m; $\epsilon_r = 35.79$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0332 W/kg

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

Reference Value = 1.663 V/m; Power Drift = 2.15 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00458 W/kg

Maximum value of SAR (measured) = 0.0191 W/kg

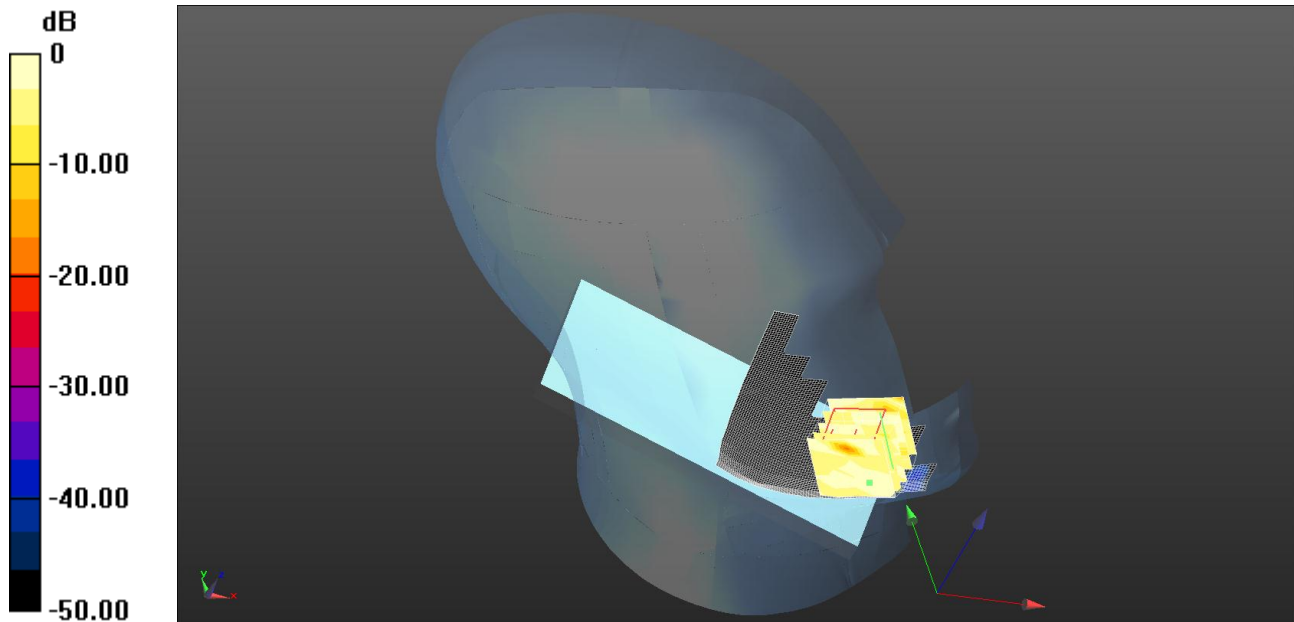
Note: SAR level measured is very low as equivalent to noise floor.

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.

073:Touch Left 802.11ac 80MHz CH106

Date: 16/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0141 W/kg = -18.51 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: 5200 MHz HSL Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.041$ S/m; $\epsilon_r = 35.383$; $\rho = 1000$ kg/m³

Phantom section: Left 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/Touch Left- Middle/Area Scan (111x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0111 W/kg

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

Reference Value = 0.851 V/m; Power Drift = 5.57 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.00838 W/kg; SAR(10 g) = 0.00397 W/kg

Maximum value of SAR (measured) = 0.0141 W/kg

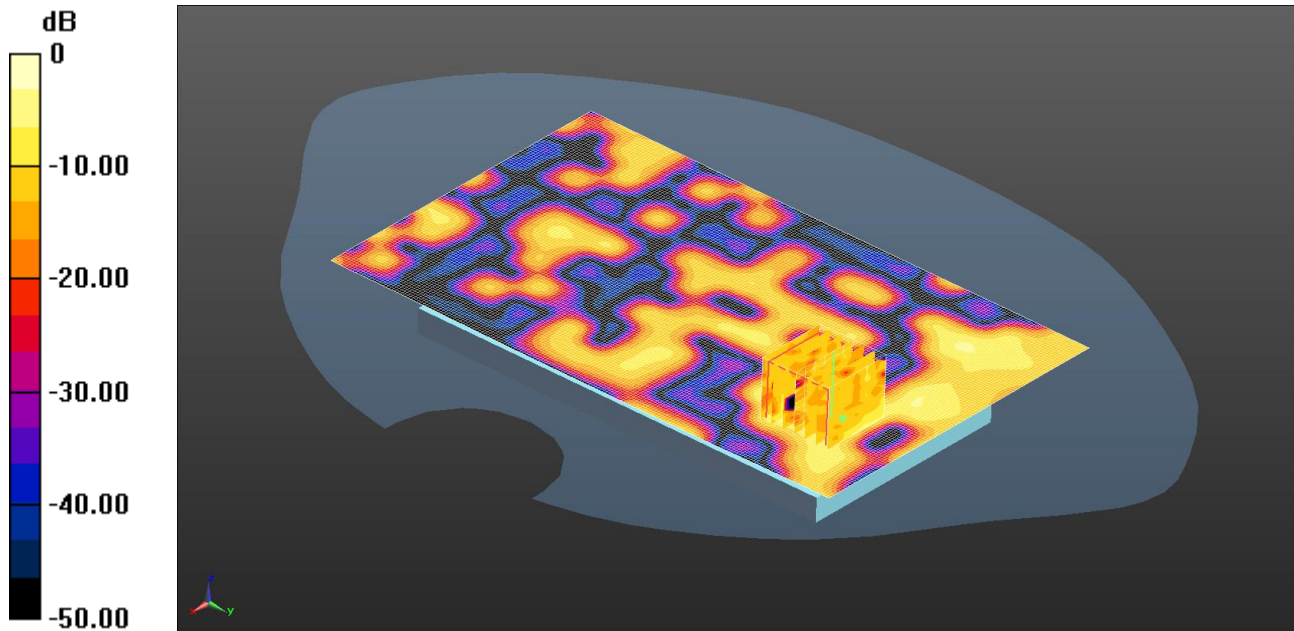
Note: SAR level measured is very low as equivalent to noise floor.

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.

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

Date: 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.119 W/kg = -9.24 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; $\sigma = 5.447$ S/m; $\epsilon_r = 48.706$; $\rho = 1000$ kg/m³

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/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

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

Reference Value = 3.039 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.222 W/kg

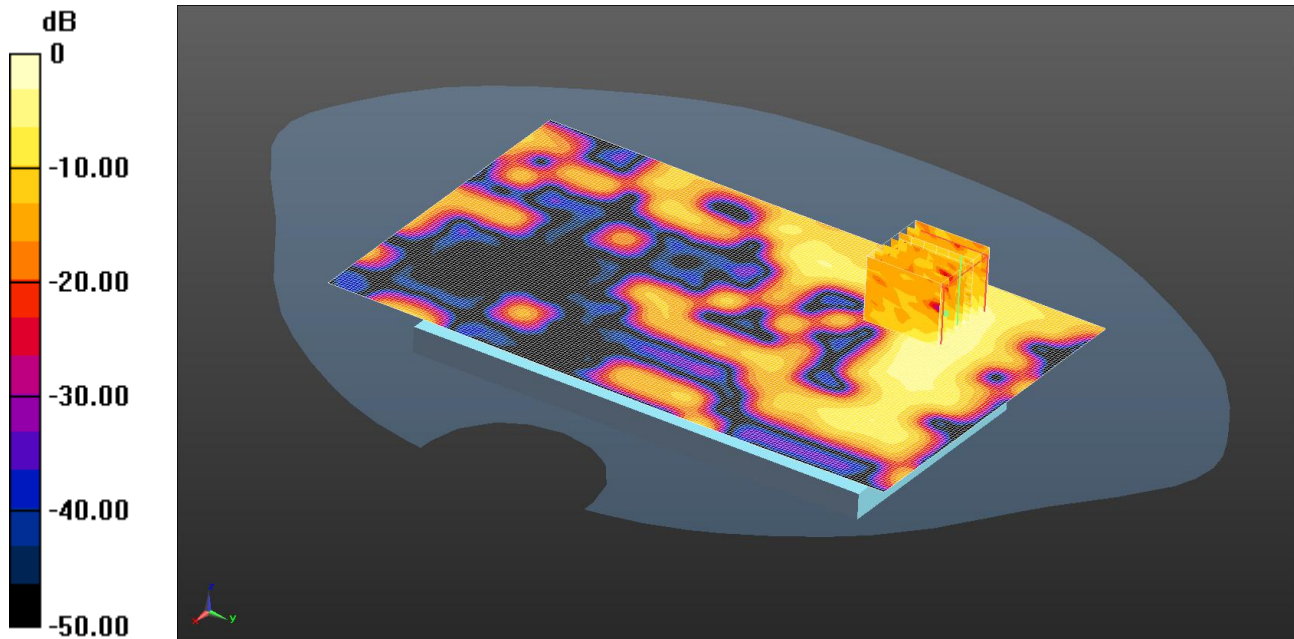
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.119 W/kg

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

Date: 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.162 W/kg = -7.90 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; $\sigma = 5.447$ S/m; $\epsilon_r = 48.706$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.0999 W/kg

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

Reference Value = 3.953 V/m; Power Drift = 0.48 dB

Peak SAR (extrapolated) = 0.297 W/kg

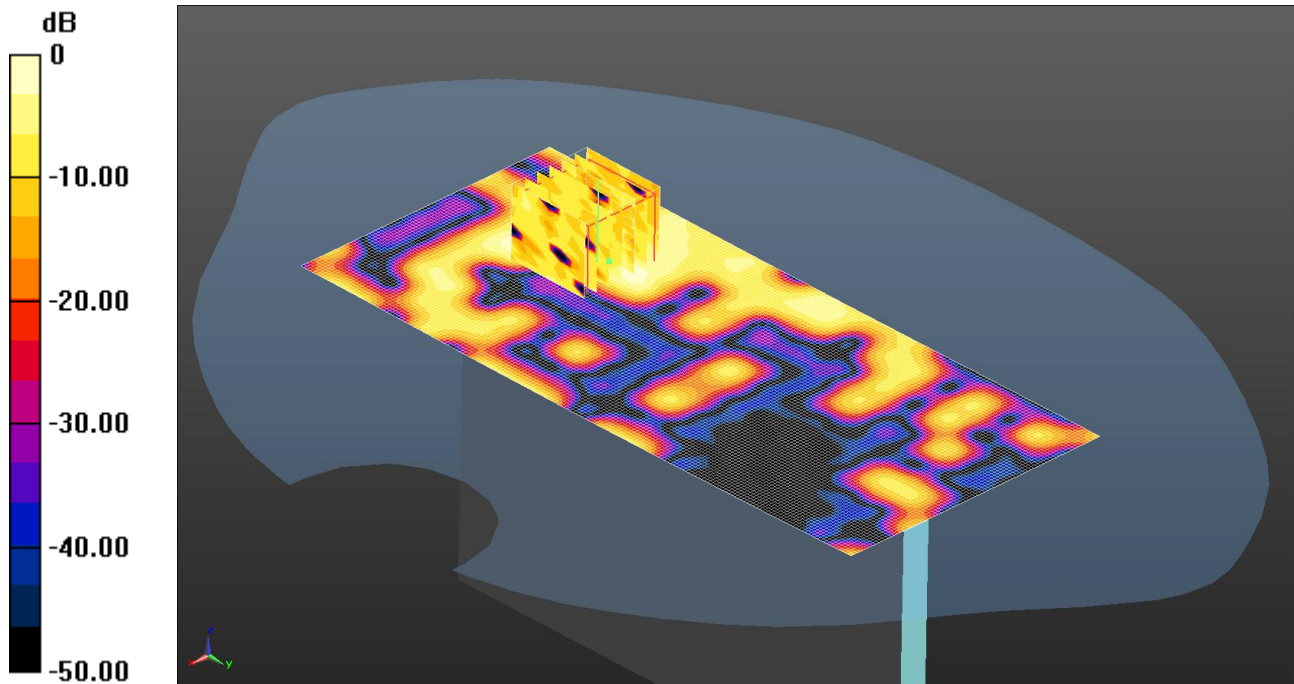
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.162 W/kg

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

Date 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0642 W/kg = -11.92 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; $\sigma = 5.447$ S/m; $\epsilon_r = 48.706$; $\rho = 1000$ kg/m³

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) = 0.0600 W/kg

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

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

Reference Value = 2.324 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.179 W/kg

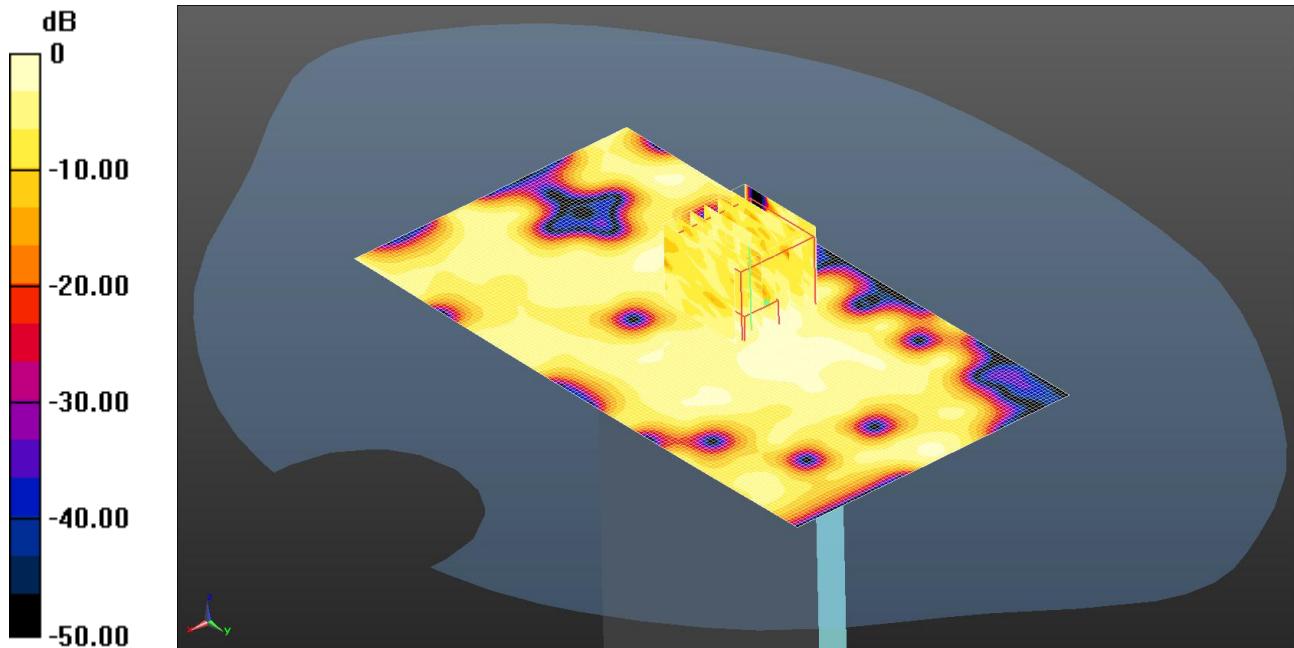
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0642 W/kg

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

Date 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0361 W/kg = -14.42 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; $\sigma = 5.447$ S/m; $\epsilon_r = 48.706$; $\rho = 1000$ kg/m³

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 (81x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0246 W/kg

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

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

Reference Value = 2.040 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0950 W/kg

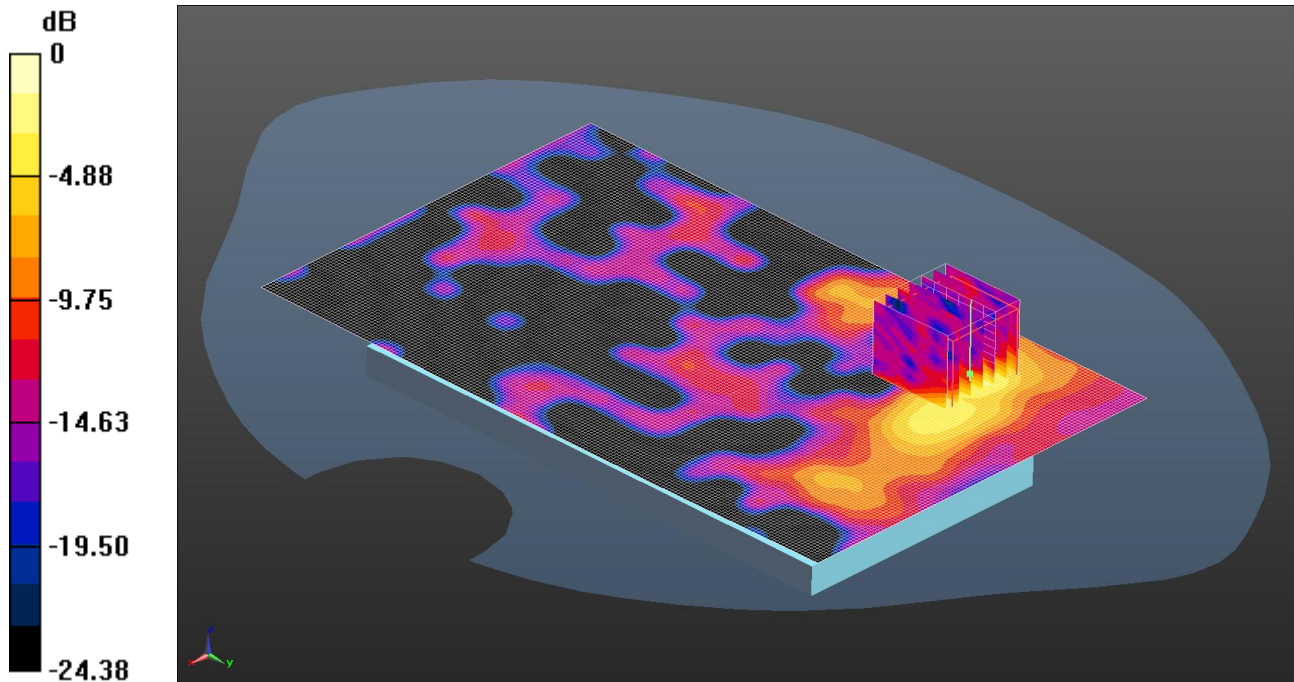
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00983 W/kg

Maximum value of SAR (measured) = 0.0361 W/kg

078: Back of EUT Facing Phantom 802.11a 5.3GHz CH52

Date 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.204 W/kg = -6.90 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/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); 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/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.119 W/kg

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

Reference Value = 4.452 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.363 W/kg

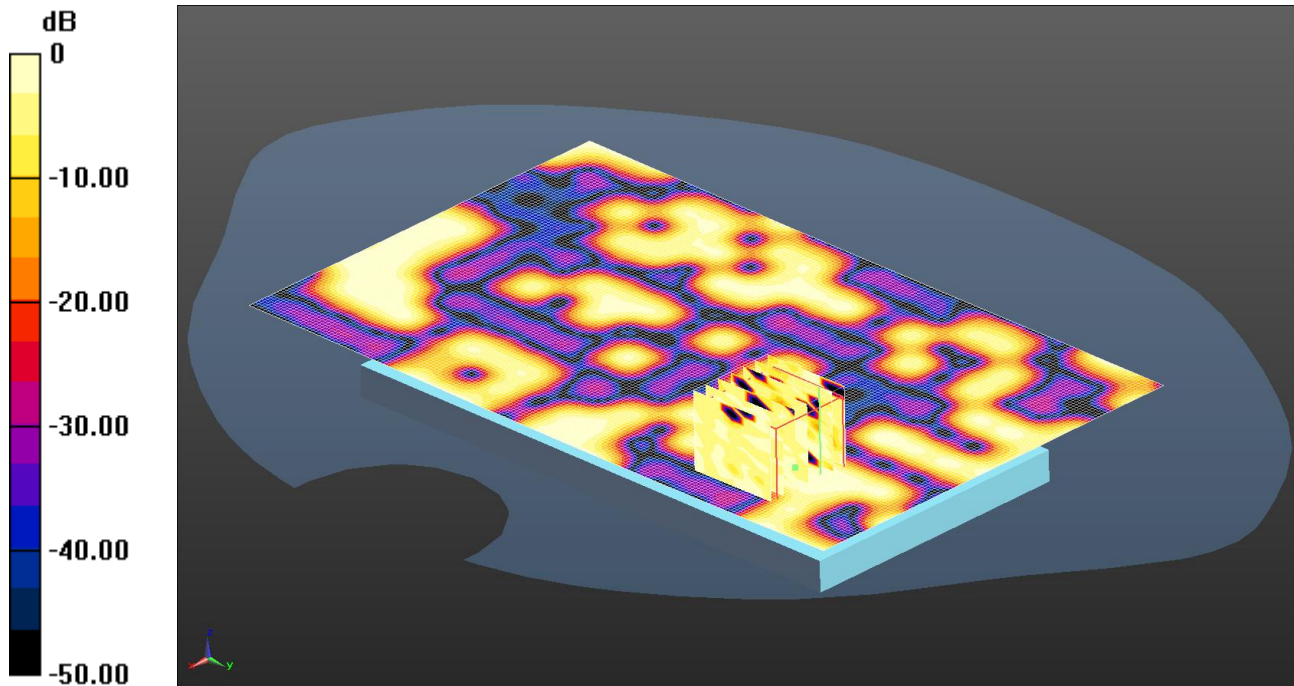
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.204 W/kg

079: Back of EUT Facing Phantom 802.11a 5.5GHz CH116

Date 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0168 W/kg = -17.75 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.87$ S/m; $\epsilon_r = 48.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.71, 3.71, 3.71); 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/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0462 W/kg

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

Reference Value = 1.900 V/m; Power Drift = 0.26 dB

Peak SAR (extrapolated) = 0.0460 W/kg

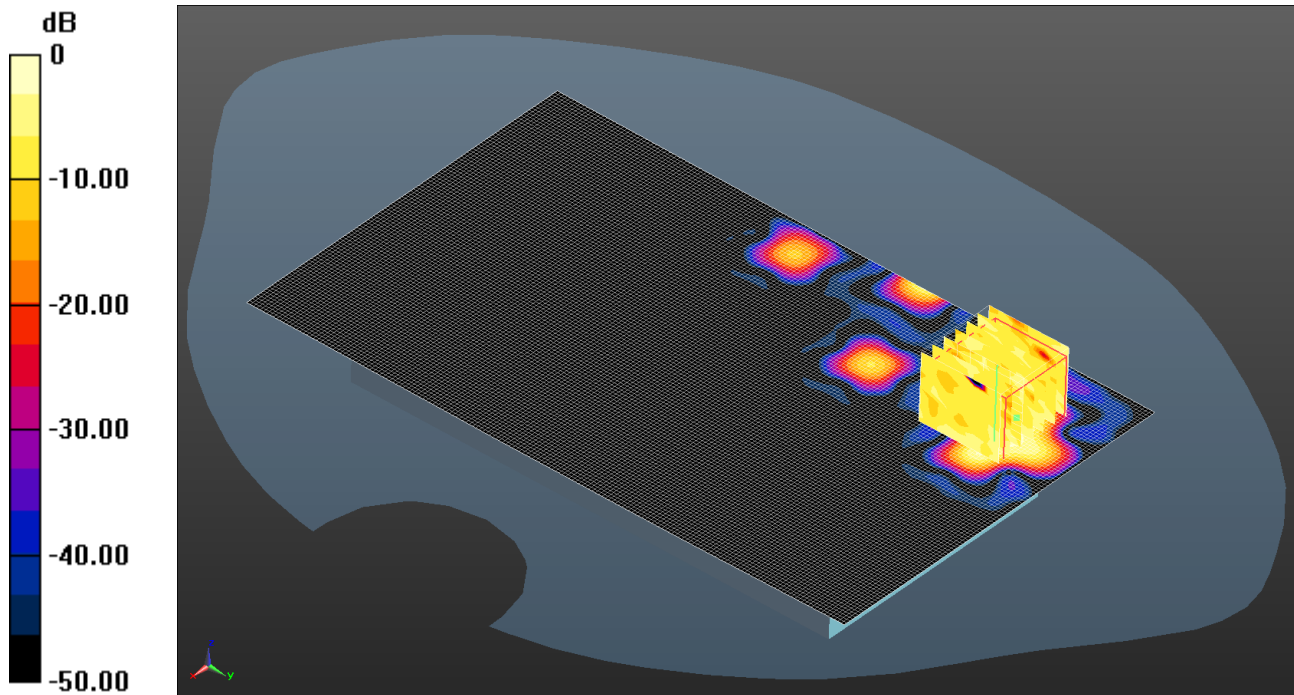
SAR(1 g) = 0.00789 W/kg; SAR(10 g) = 0.00439 W/kg

Maximum value of SAR (measured) = 0.0168 W/kg

080: Back of EUT Facing Phantom 802.11a 5.8GHz CH149

Date 17/07/2013

DUT: Sony Honami ; Type: Honami Maki; Serial: PM-0440-BV



0 dB = 0.0507 W/kg = -12.95 dBW/kg

Communication System: UID 0 - n/a, WLAN 802.11; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.113$ S/m; $\epsilon_r = 47.934$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); 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/Back of EUT Facing Phantom - Middle/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0470 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 = 1.895 V/m; Power Drift = -1.25 dB

Peak SAR (extrapolated) = 0.0940 W/kg

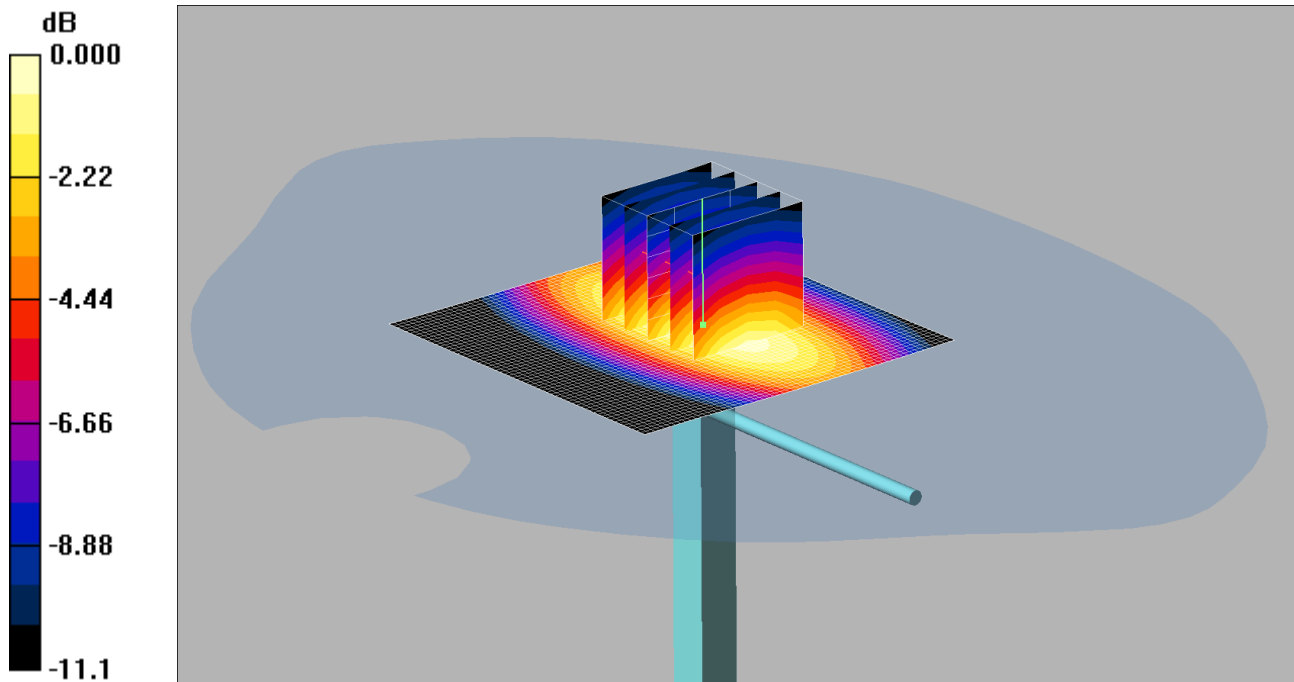
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.010 W/kg

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

081: System Performance Check 900MHz Head 16 07 13

Date: 16/07/2013

DUT: Dipole 900 MHz;; Type: D900V2; Serial: SN035



0 dB = 2.85mW/g

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

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.958 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

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

Maximum value of SAR (interpolated) = 2.85 mW/g

d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 3.80 W/kg

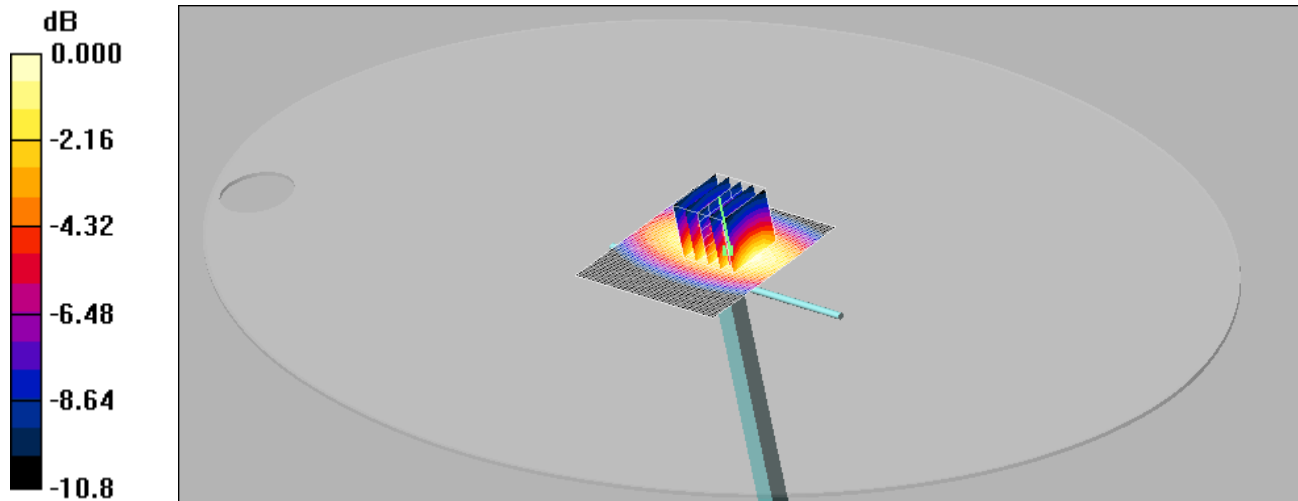
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.85 mW/g

082: System Performance Check 900MHz Body 16 07 13

Date: 16/07/2013

DUT: Dipole 900 MHz;; 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: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.12, 6.12, 6.12); Calibrated: 22/04/2013
- 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, V4.7 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) = 2.93 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 3.86 W/kg

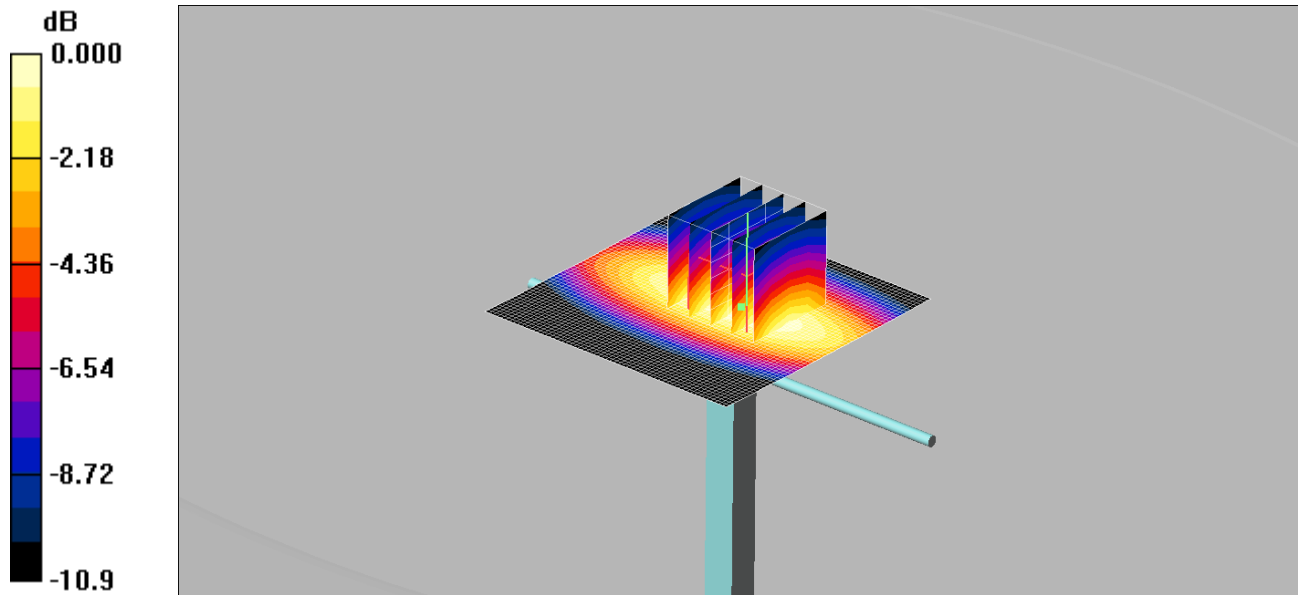
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.77 mW/g

Maximum value of SAR (measured) = 2.93 mW/g

083: System Performance Check 900MHz Body 17 07 13

Date/Time: 17/07/2013

DUT: Dipole 900 MHz;; Type: D900V2; Serial: SN035



0 dB = 2.90mW/g

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

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.12, 6.12, 6.12); Calibrated: 22/04/2013
- 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, V4.7 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) = 2.95 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 3.84 W/kg

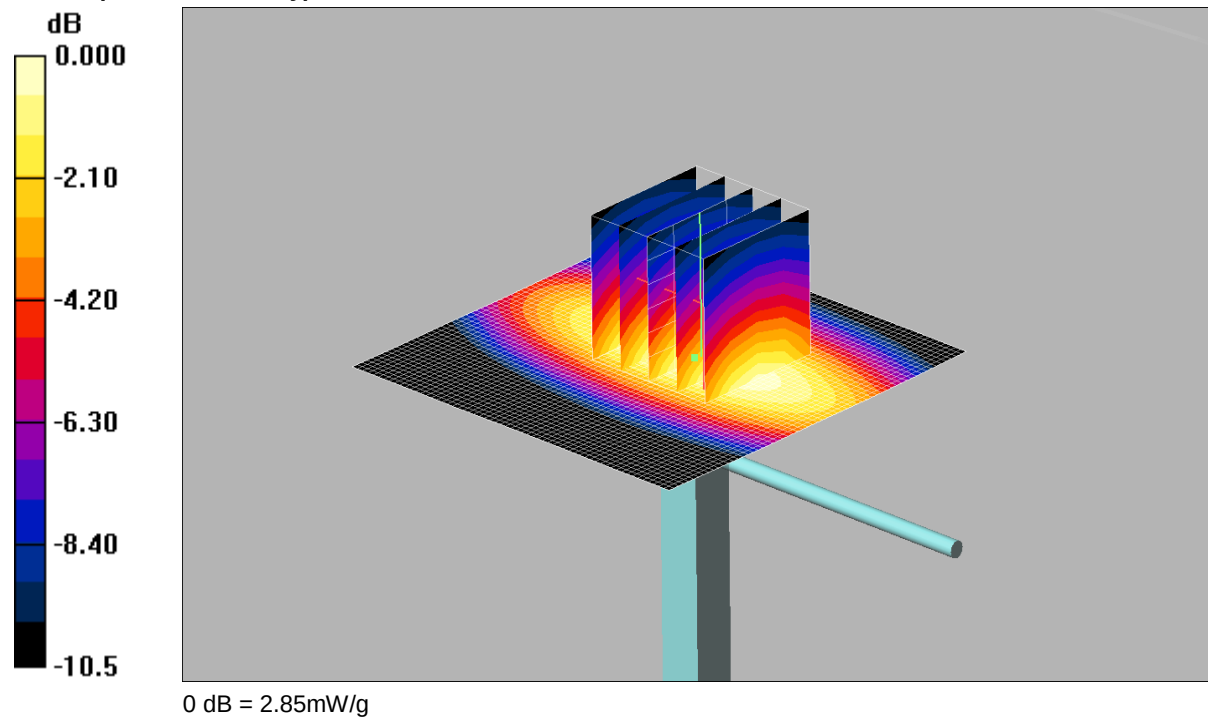
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.74 mW/g

Maximum value of SAR (measured) = 2.90 mW/g

084: System Performance Check 900MHz Body 19 07 13

Date: 19/07/2013

DUT: Dipole 900 MHz;; Type: D900V2; Serial: SN035



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

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.05 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.12, 6.12, 6.12); Calibrated: 22/04/2013

- 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, V4.7 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) = 2.86 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.5 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 3.73 W/kg

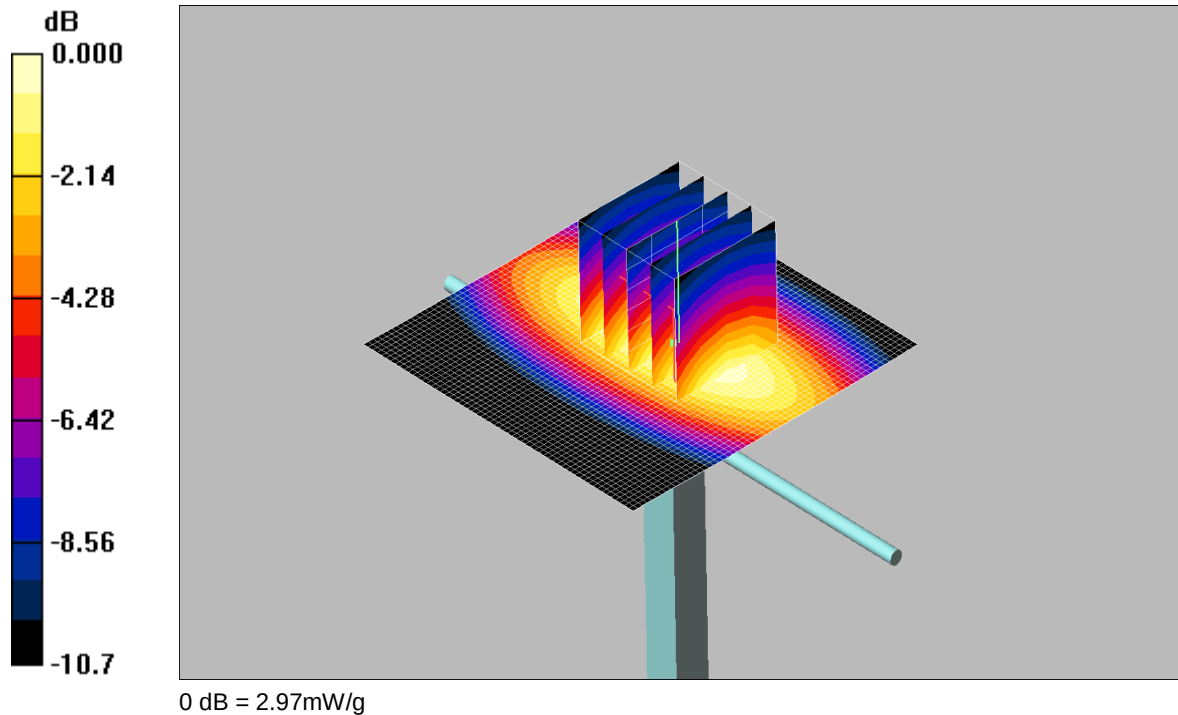
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.73 mW/g

Maximum value of SAR (measured) = 2.85 mW/g

085: System Performance Check 900MHz Body 20 07 13

Date: 20/07/2013

DUT: Dipole 900 MHz;; Type: D900V2; Serial: SN035



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

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.06 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.12, 6.12, 6.12); Calibrated: 22/04/2013
- 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, V4.7 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) = 2.97 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.6 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 3.89 W/kg

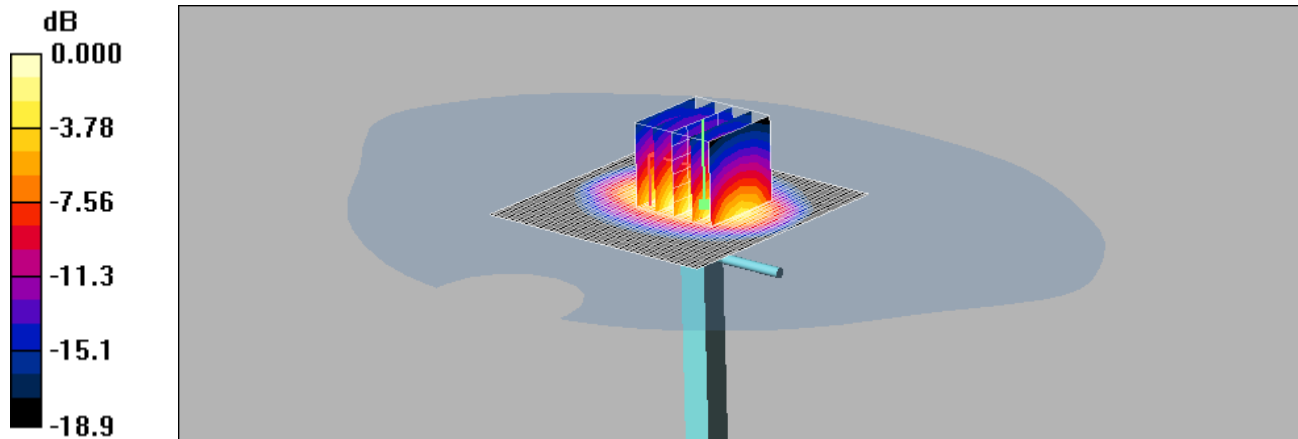
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.97 mW/g

086: System Performance Check 1900MHz Head 15 07 13

Date: 15/07/2013

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



0 dB = 10.7mW/g

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

Medium: 1900 MHz HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

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 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.2 mW/g

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

Reference Value = 90.8 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 17.0 W/kg

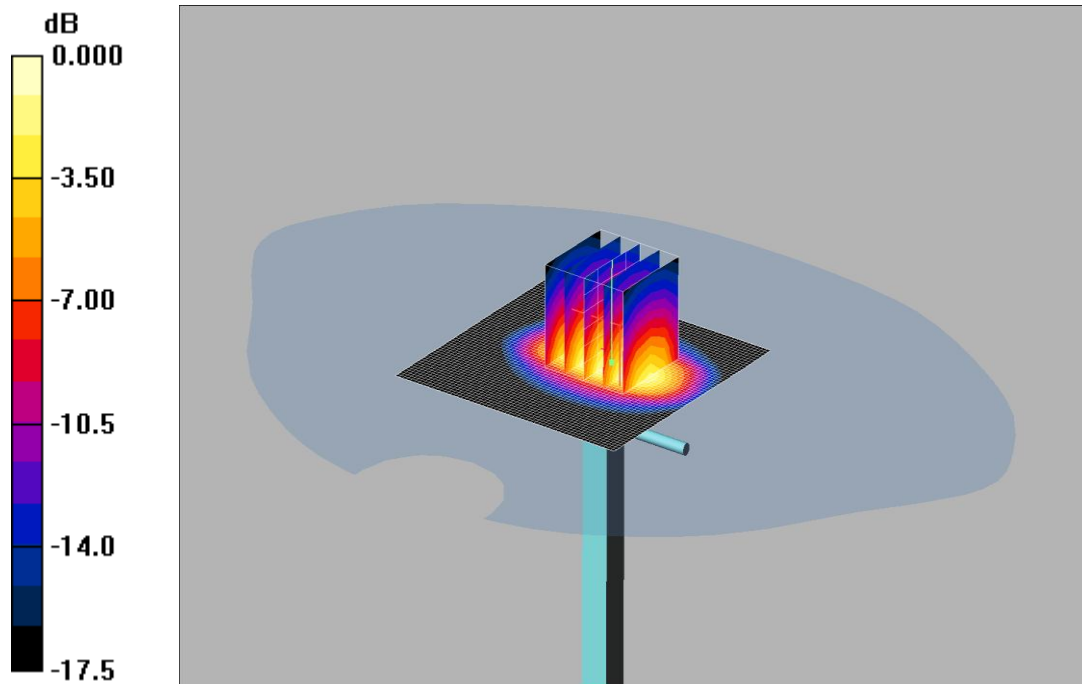
SAR(1 g) = 9.72 mW/g; SAR(10 g) = 5.07 mW/g

Maximum value of SAR (measured) = 10.7 mW/g

087: System Performance Check 1900MHz Body 15 07 13

Date: 15/07/2013

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



0 dB = 11.5mW/g

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

Medium: 1900 MHz MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

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 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/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 13.3 mW/g

d=10mm, 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 = 94.3 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 16.9 W/kg

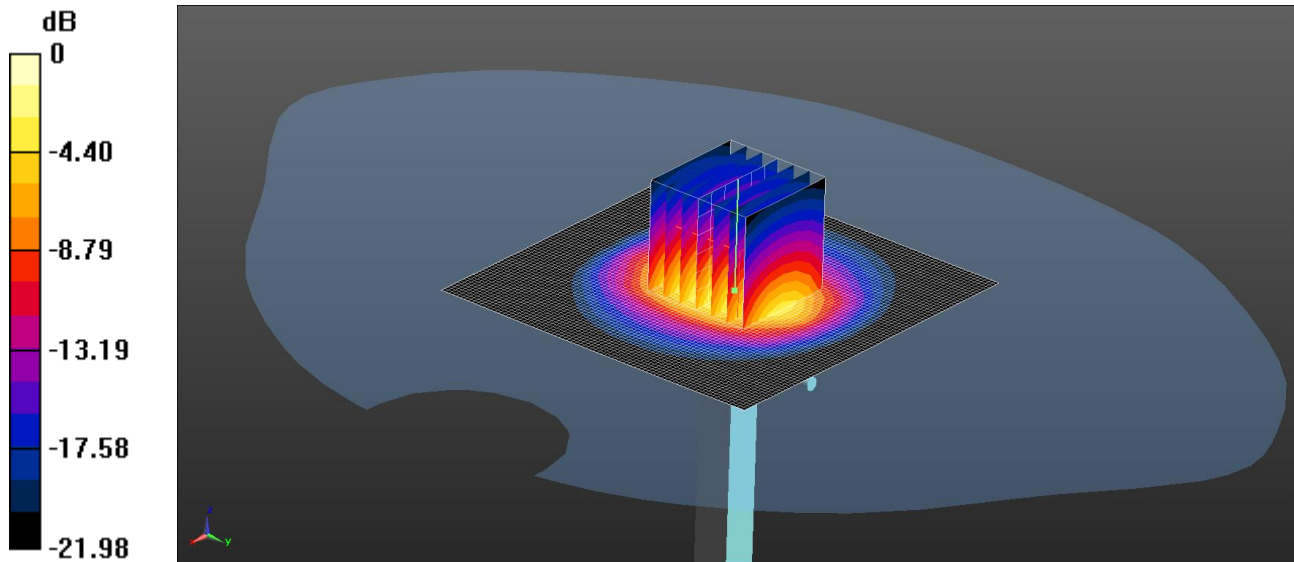
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.29 mW/g

Maximum value of SAR (measured) = 11.5 mW/g

088: System Performance Check 2450MHz Head 24 07 13

Date: 24/07/2013

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



0 dB = 15.0 W/kg = 11.76 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; $\sigma = 1.851$ S/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

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) = 15.2 W/kg

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

Reference Value = 91.282 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.4 W/kg

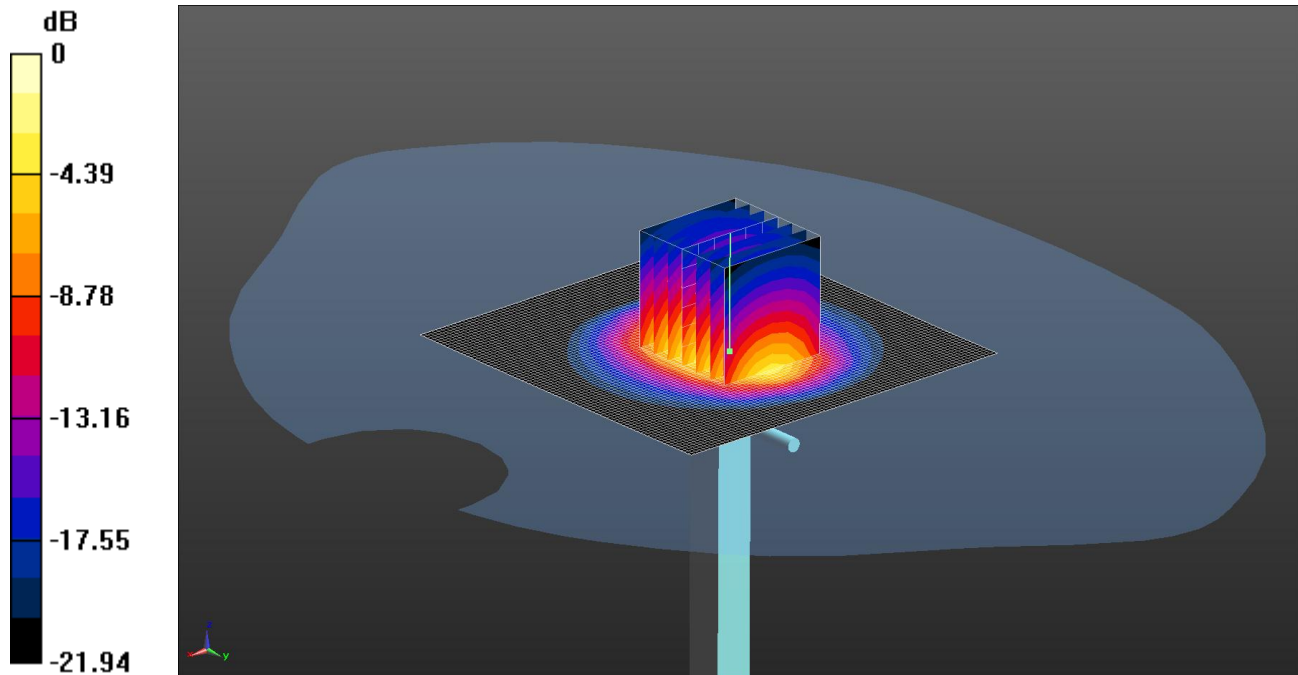
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.05 W/kg

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

089: System Performance Check 2450MHz Body 18 07 13

Date: 18/07/2013

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



0 dB = 15.1 W/kg = 11.79 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; $\sigma = 2.025$ S/m; $\epsilon_r = 51.285$; $\rho = 1000$ kg/m³

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) = 15.6 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 = 85.950 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 28.0 W/kg

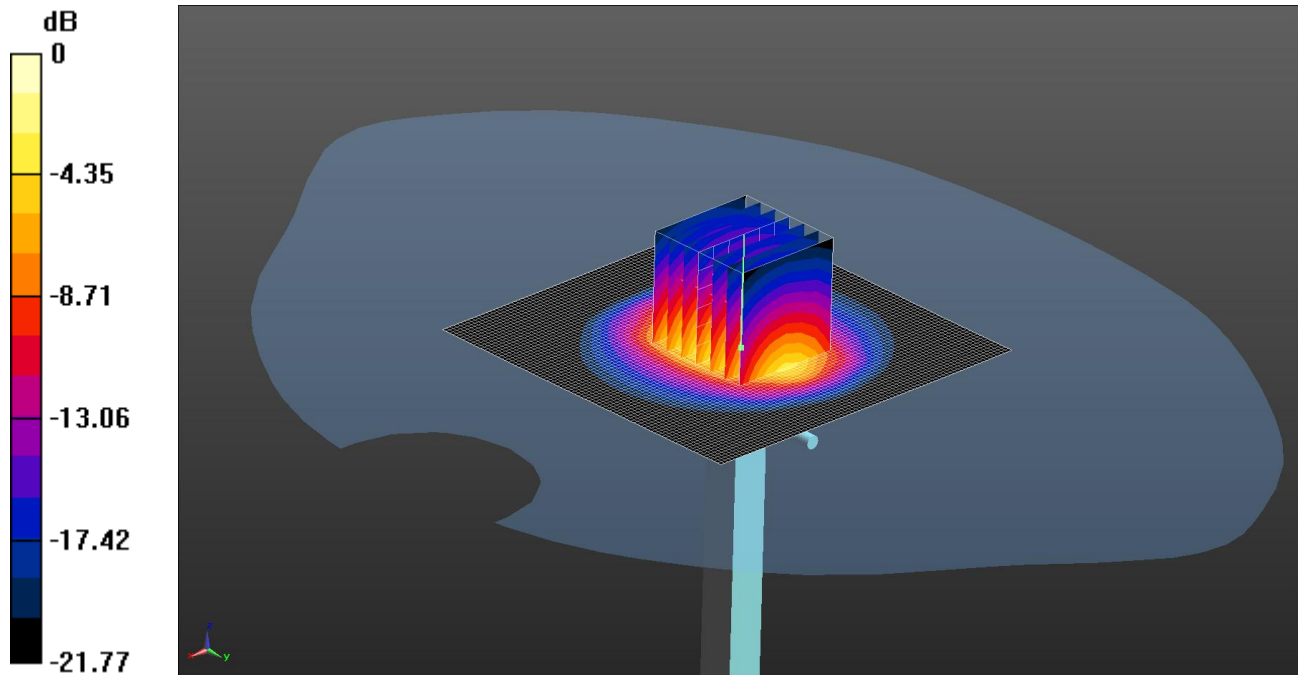
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6 W/kg

Maximum value of SAR (measured) = 15.1 W/kg

090: System Performance Check 2450MHz Body 19 07 13

Date: 19/07/2013

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



0 dB = 15.2 W/kg = 11.82 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; $\sigma = 2.025$ S/m; $\epsilon_r = 51.285$; $\rho = 1000$ kg/m³

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) = 15.5 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 = 86.280 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 27.9 W/kg

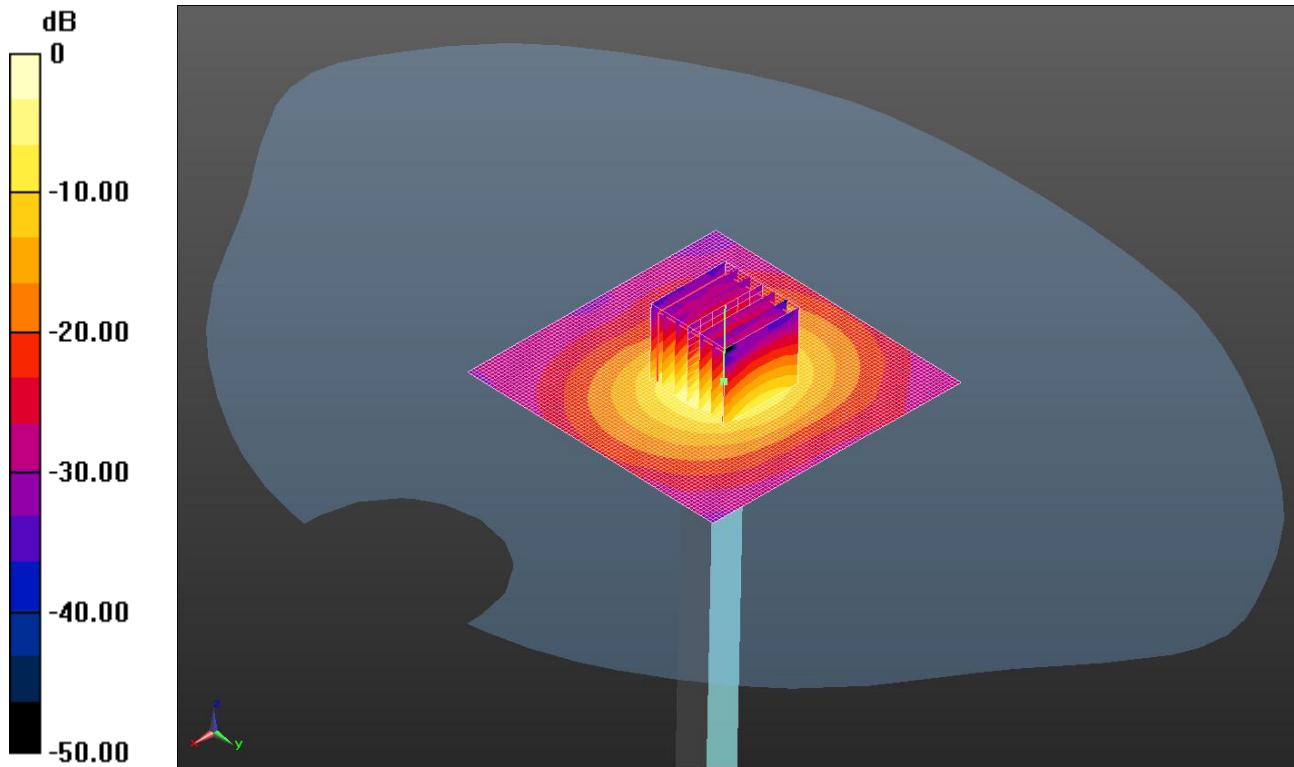
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.1 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

091: 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/m³

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 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 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

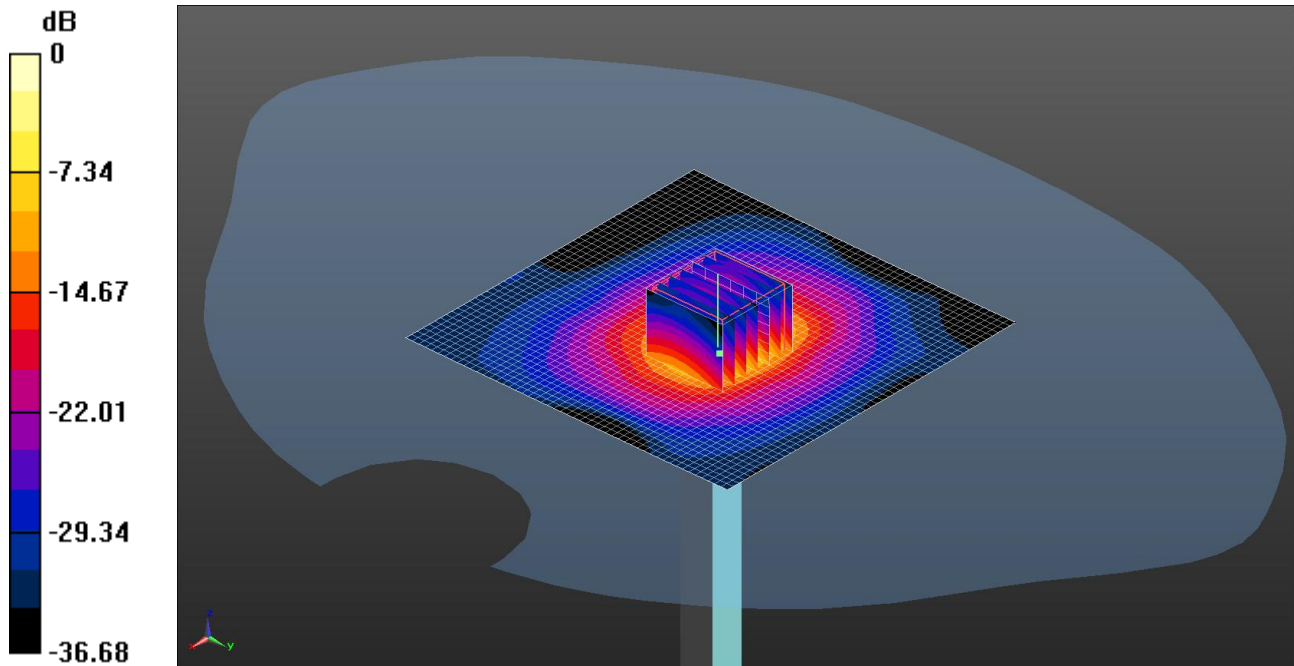
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.33 W/kg

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

092: System Performance Check 5200MHz Head 16 07 13

Date 16/07/2013

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



0 dB = 16.4 W/kg = 12.15 dBW/kg

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

Medium: 5200 MHz HSL Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.737 \text{ S/m}$; $\epsilon_r = 36.066$; $\rho = 1000 \text{ kg/m}^3$

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/Area Scan (51x51x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 4.23 W/kg

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

Reference Value = 38.063 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 31.4 W/kg

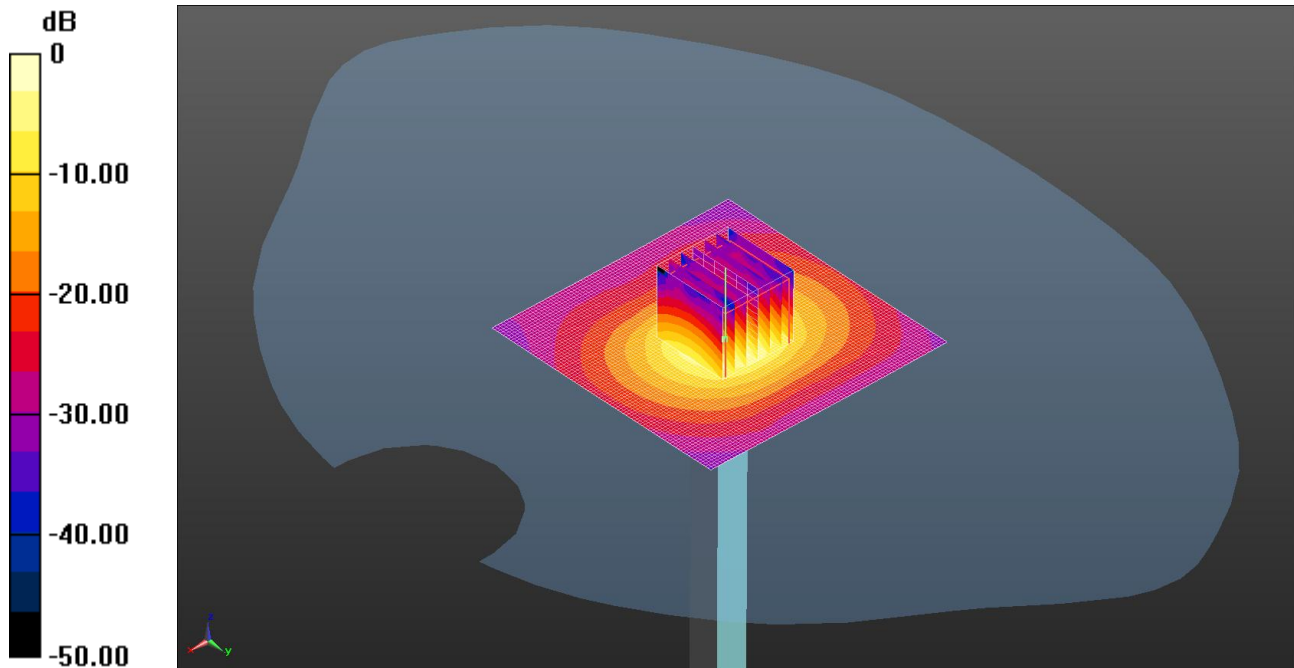
SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.4 W/kg

093: System Performance Check 5500MHz Head 16 07 13

Date 16/07/2013

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



0 dB = 17.3 W/kg = 12.38 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/m³

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) = 17.8 W/kg

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

Reference Value = 62.876 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 35.0 W/kg

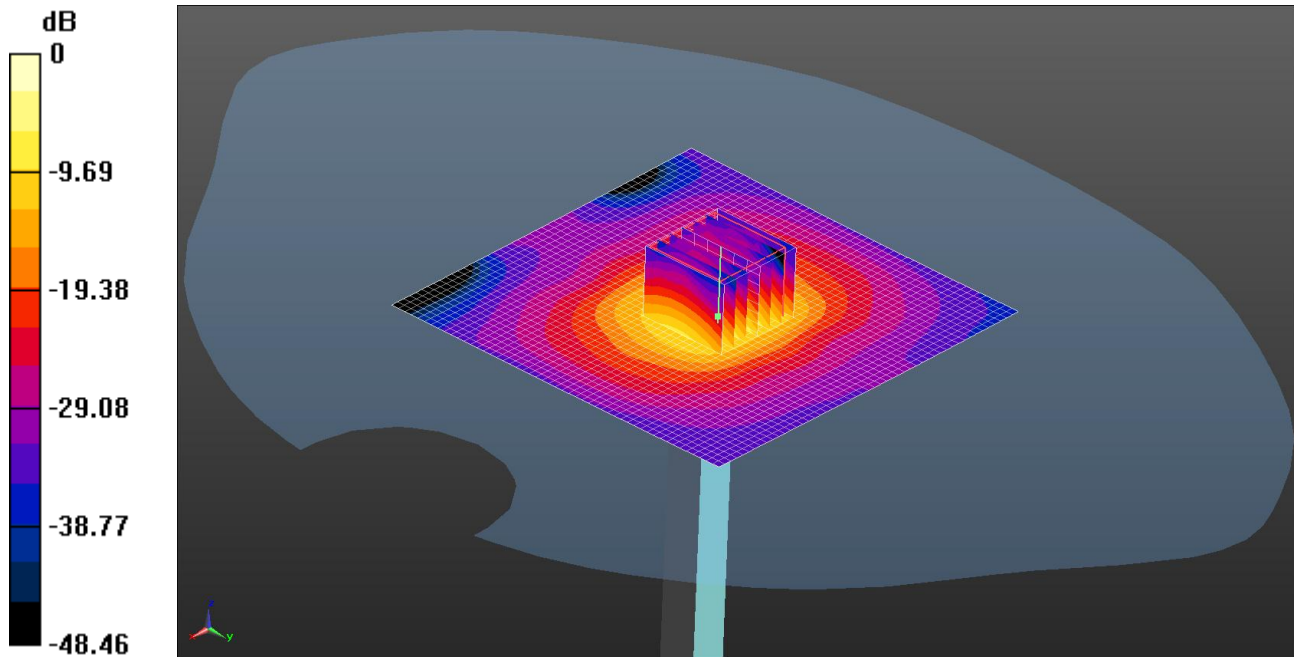
SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 17.3 W/kg

094: System Performance Check 5800MHz Head 16 07 13

Date 16/07/2013

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



0 dB = 16.6 W/kg = 12.20 dBW/kg

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

Medium: 5200 MHz HSL Medium parameters used: $f = 5800$ MHz; $\sigma = 5.318$ S/m; $\epsilon_r = 34.997$; $\rho = 1000$ kg/m³

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 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 (51x51x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 3.31 W/kg

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

Reference Value = 41.089 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 34.2 W/kg

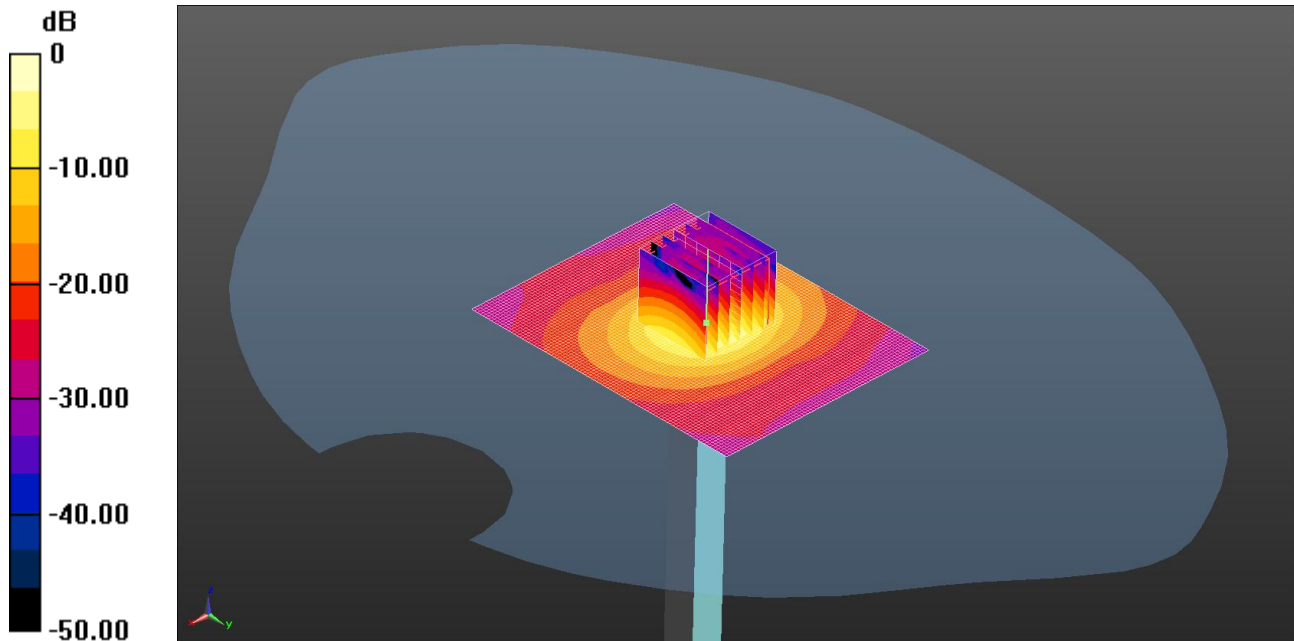
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 16.6 W/kg

095: System Performance Check 5200MHz Body 17 07 13

Date 17/07/2013

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



0 dB = 16.4 W/kg = 12.15 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; $\sigma = 5.399$ S/m; $\epsilon_r = 48.836$; $\rho = 1000$ kg/m³

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) = 17.4 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 = 40.249 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 31.0 W/kg

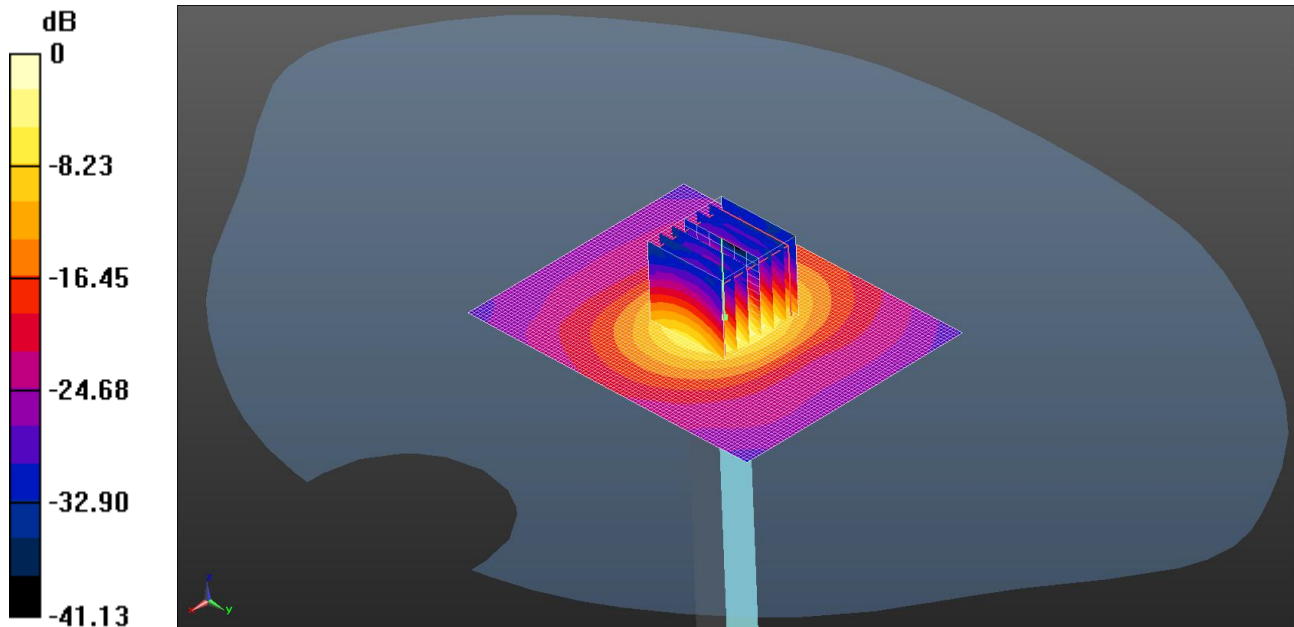
SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 16.4 W/kg

096: System Performance Check 5500MHz Body 17 07 13

Date 17/07/2013

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: 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/m³

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) = 19.6 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 = 41.860 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 31.2 W/kg

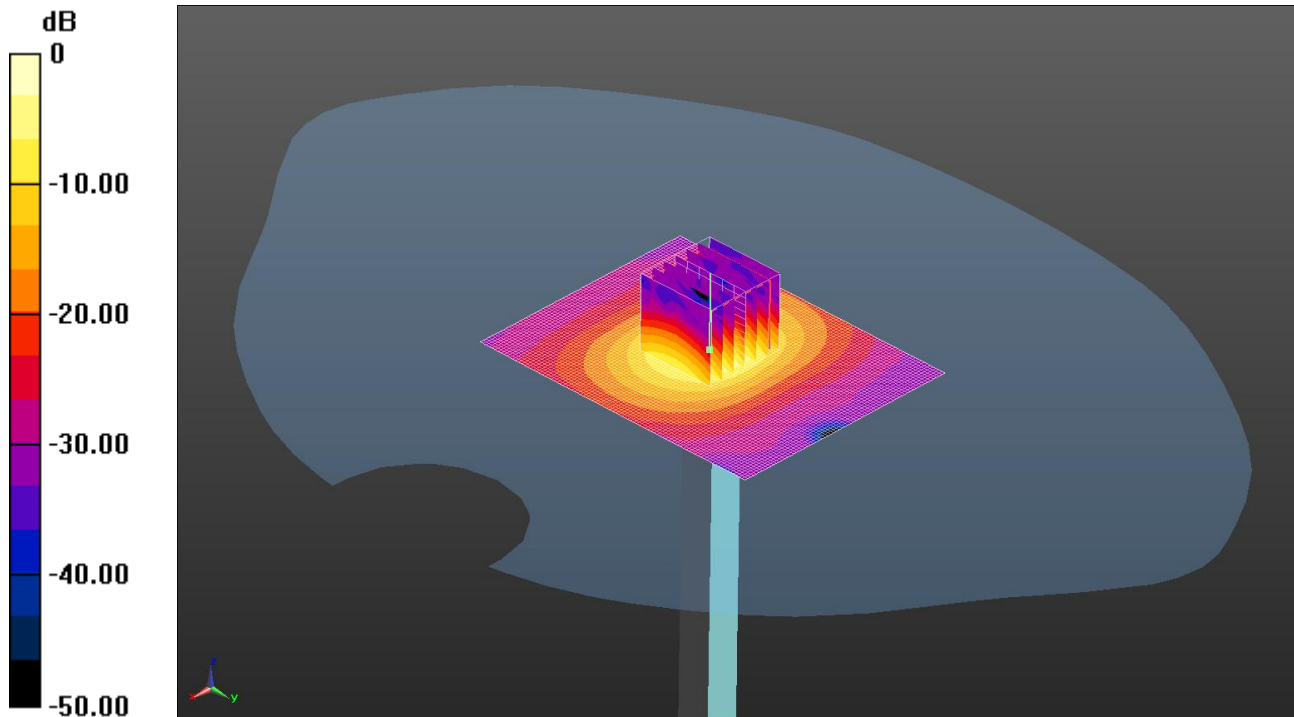
SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.18 W/kg

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

097: System Performance Check 5800MHz Body 17 07 13

Date 17/07/2013

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: 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/m³

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) = 14.8 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 = 32.996 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.02 W/kg

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