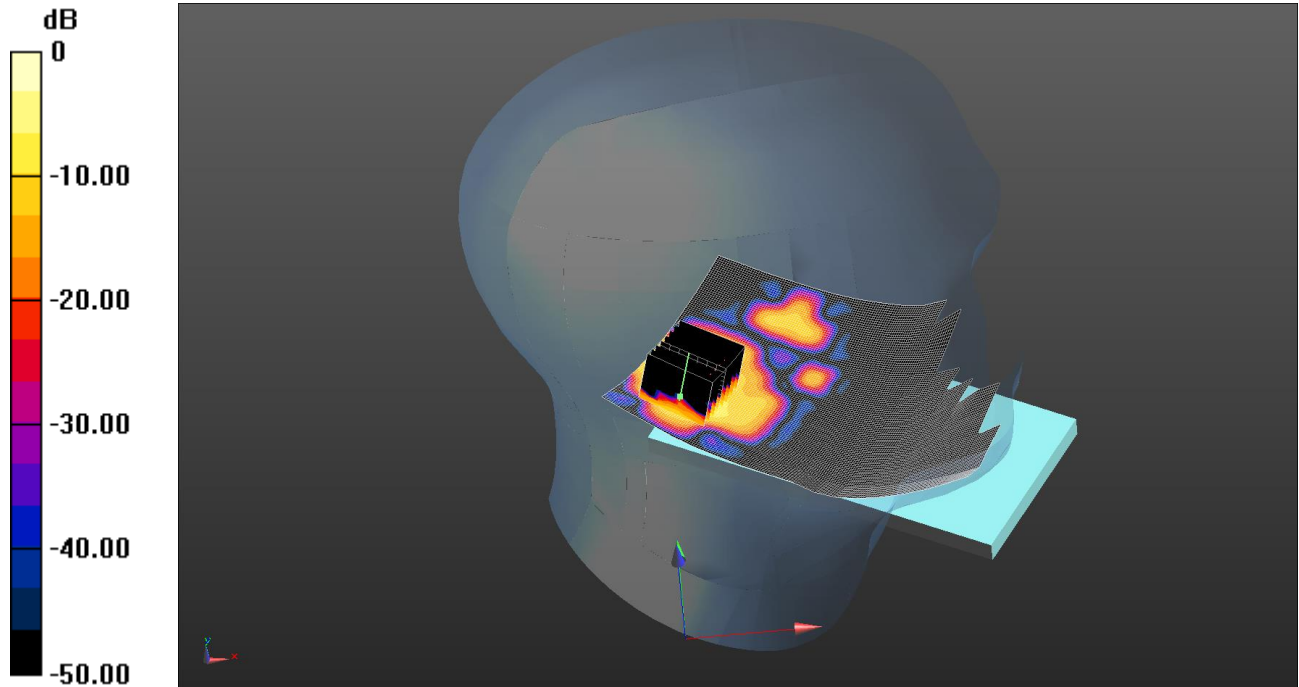


046: Touch Left WLAN 802.11a 6Mbps CH48

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.377 W/kg = -4.24 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.566$  S/m;  $\epsilon_r = 34.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

**Configuration/Touch Left - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.935 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.679 W/kg

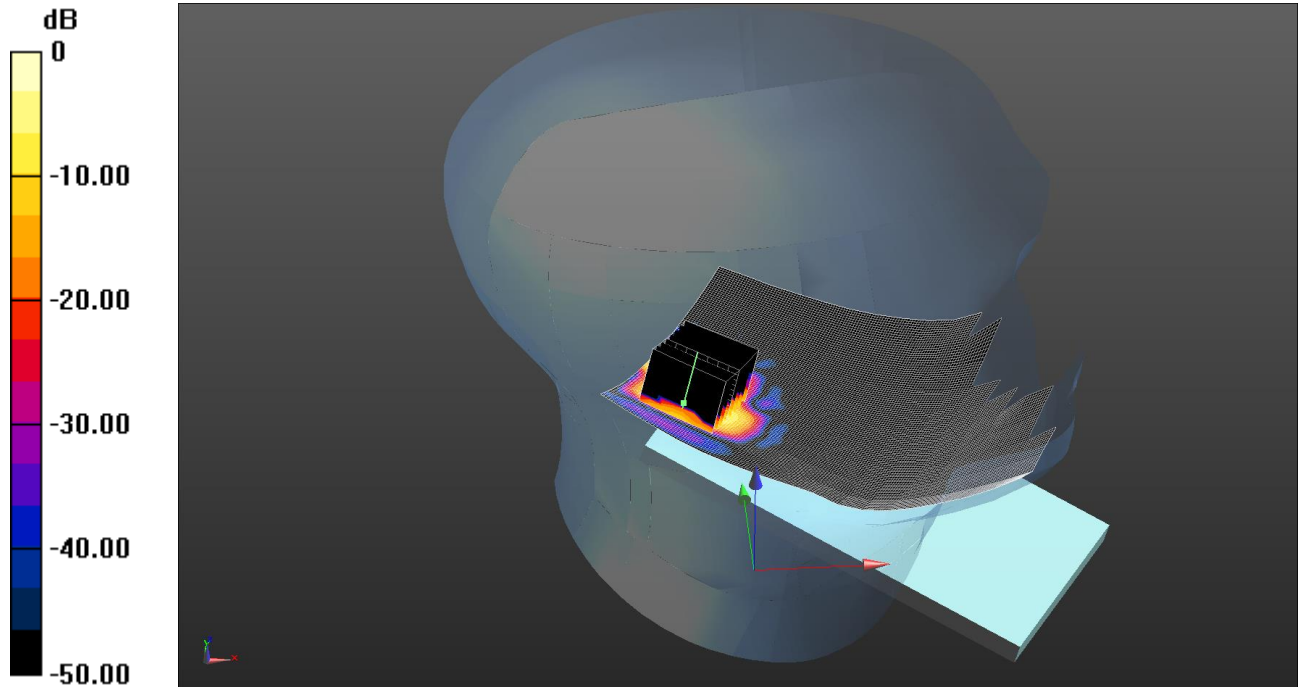
**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg

047: Tilt Left WLAN 802.11a 6Mbps CH48

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.290 W/kg = -5.38 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.566$  S/m;  $\epsilon_r = 34.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

**Configuration/Tilt Left - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.300 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.503 W/kg

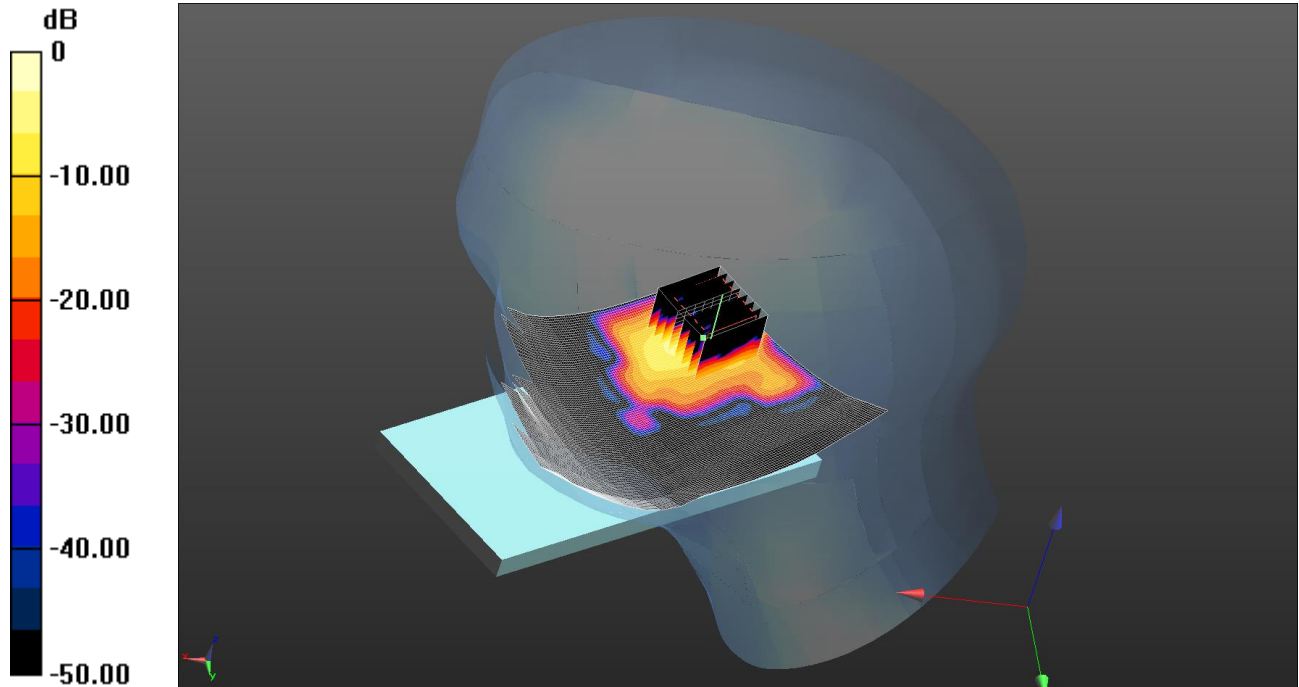
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.290 W/kg

048: Touch Right WLAN 802.11a 6Mbps CH48

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 1.25 W/kg = 0.97 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.566$  S/m;  $\epsilon_r = 34.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.642 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.883 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.46 W/kg

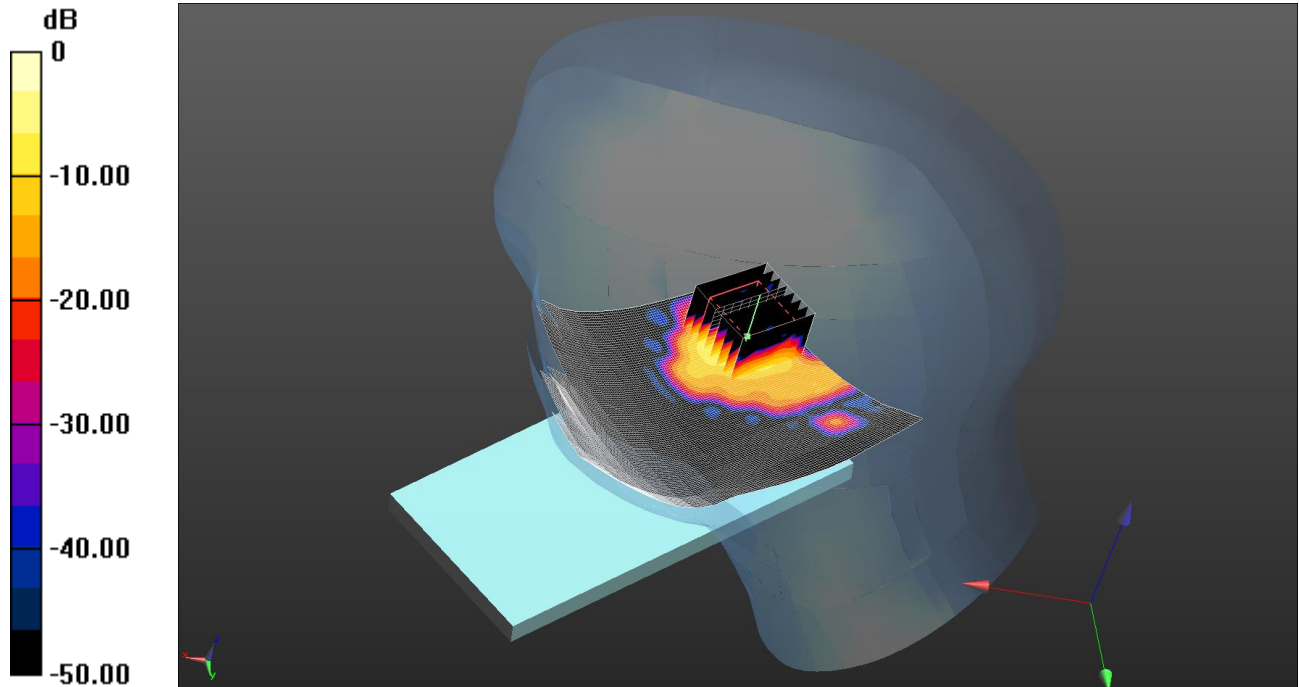
**SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.177 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg

049: Tilt Right WLAN 802.11a 6Mbps CH48

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.797 W/kg = -0.99 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 4.566$  S/m;  $\epsilon_r = 34.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.411 W/kg

**Configuration/Tilt Right - Middle/Zoom Scan (7x7x12) 2 (8x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.647 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.51 W/kg

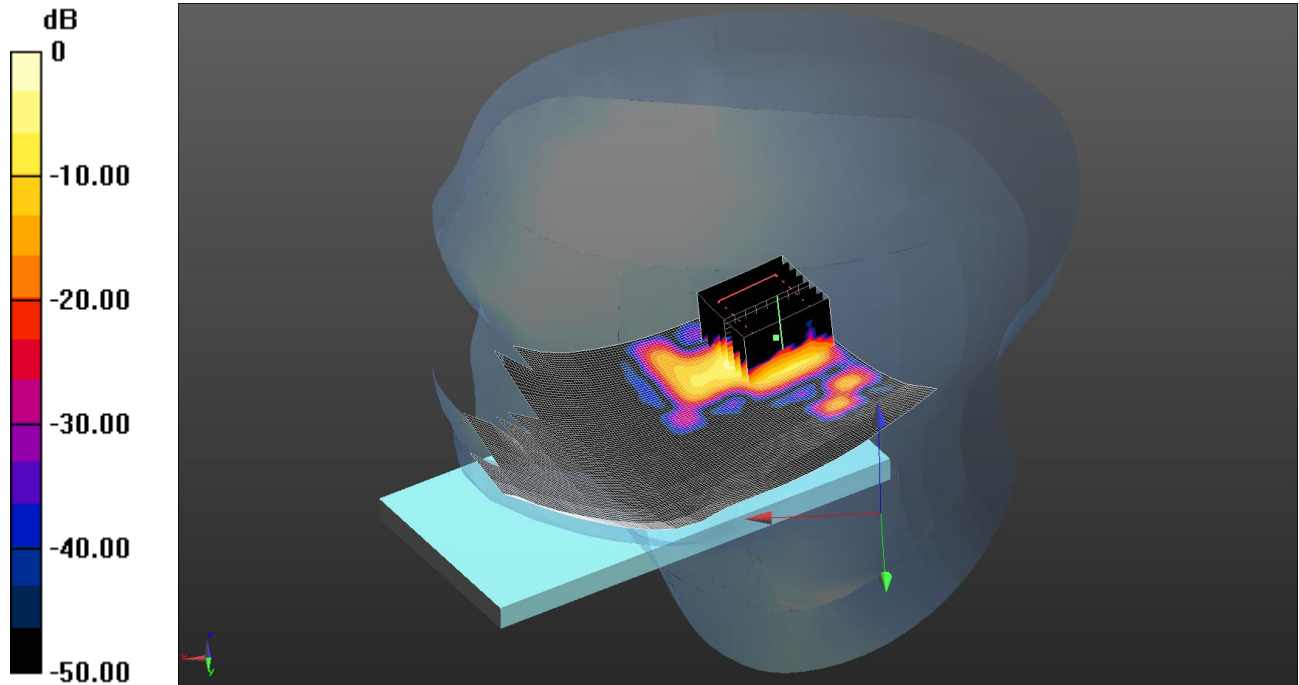
**SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.797 W/kg

050: Touch Right WLAN 802.11a 6Mbps CH52

Date: 18/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.506 W/kg = -2.96 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 4.582$  S/m;  $\epsilon_r = 34.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.375 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.750 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.70 W/kg

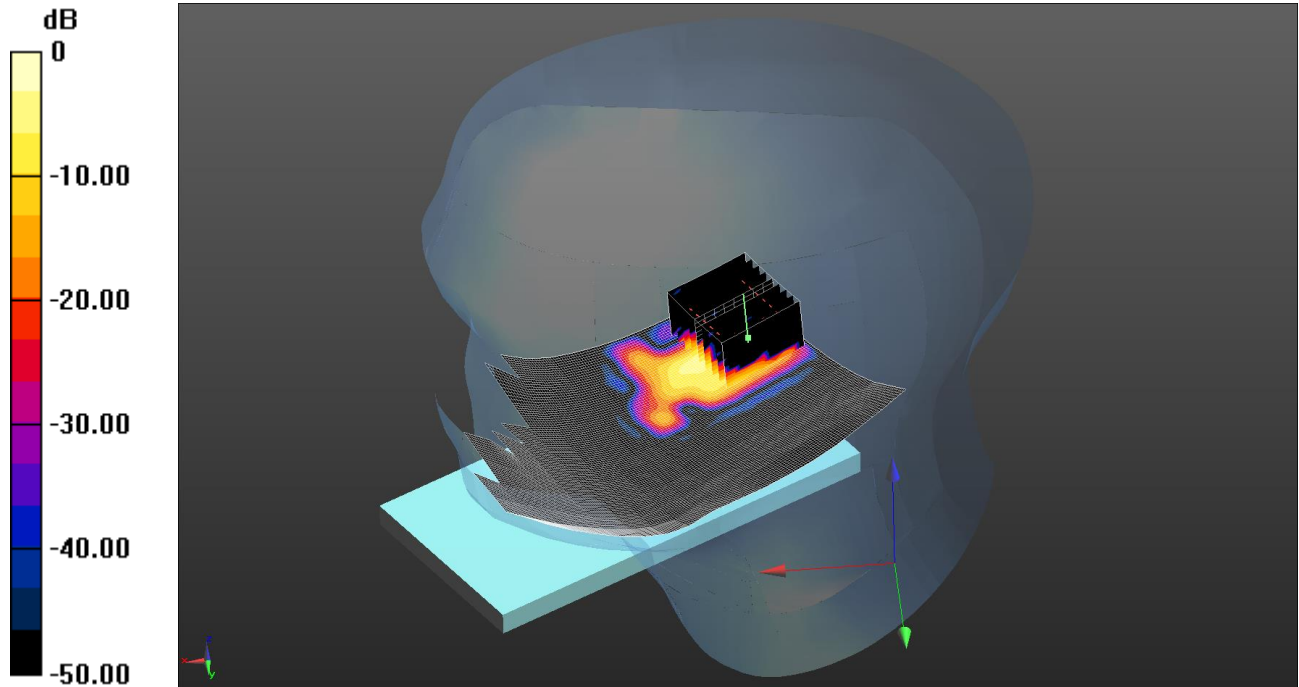
**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.079 W/kg**

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

051: Touch Right WLAN 802.11a 6Mbps CH108

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.690 W/kg = -1.61 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5540$  MHz;  $\sigma = 4.855$  S/m;  $\epsilon_r = 34.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.210 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.85 W/kg

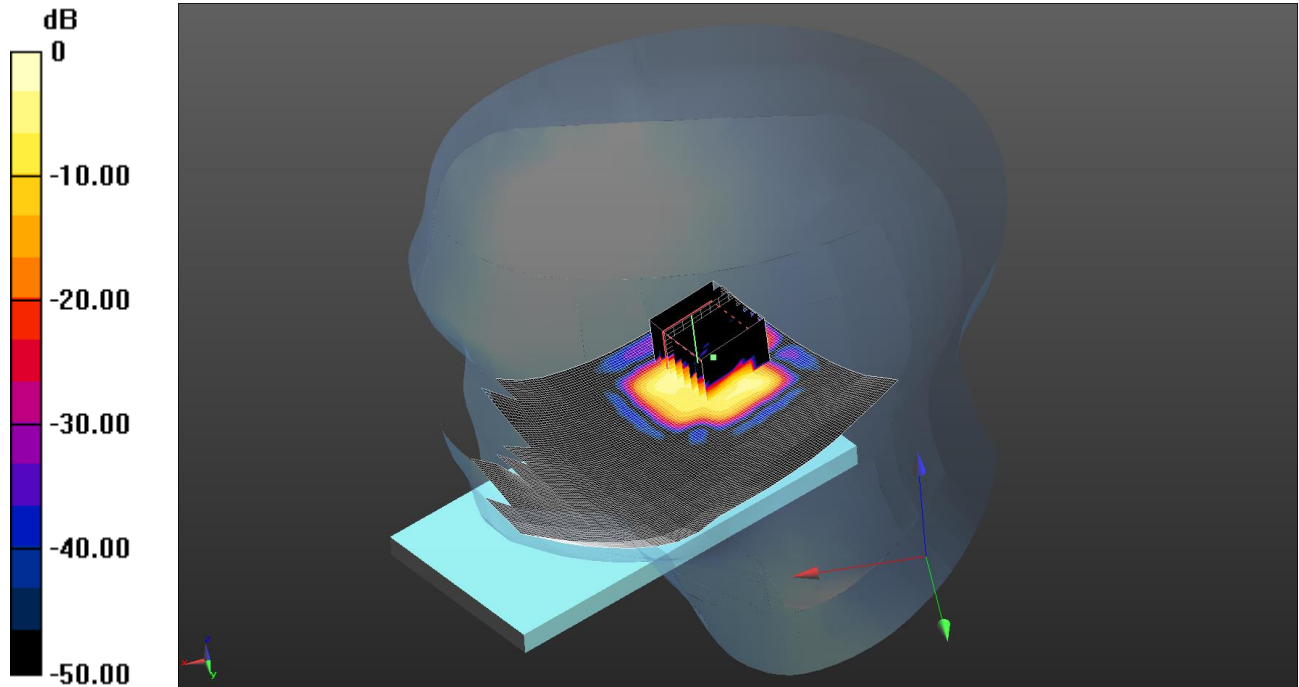
**SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.690 W/kg

052: Touch Right WLAN 802.11a 6Mbps CH161

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.623 W/kg = -2.06 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 5.093$  S/m;  $\epsilon_r = 33.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.308 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.19 W/kg

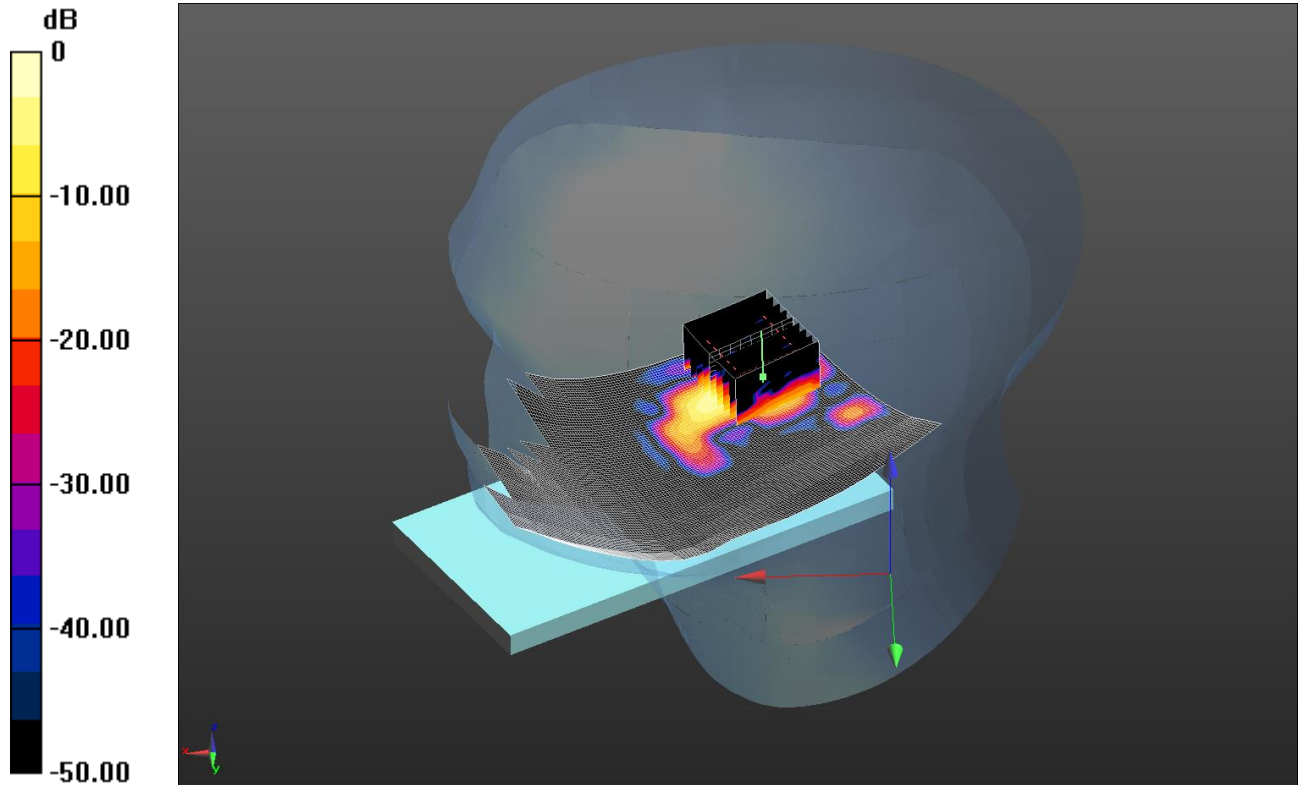
**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg

053: Touch Right WLAN 802.11a 13.5Mbps CH38

Date: 18/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.748 W/kg = -1.26 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5190$  MHz;  $\sigma = 4.531$  S/m;  $\epsilon_r = 34.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.461 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.213 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.06 W/kg

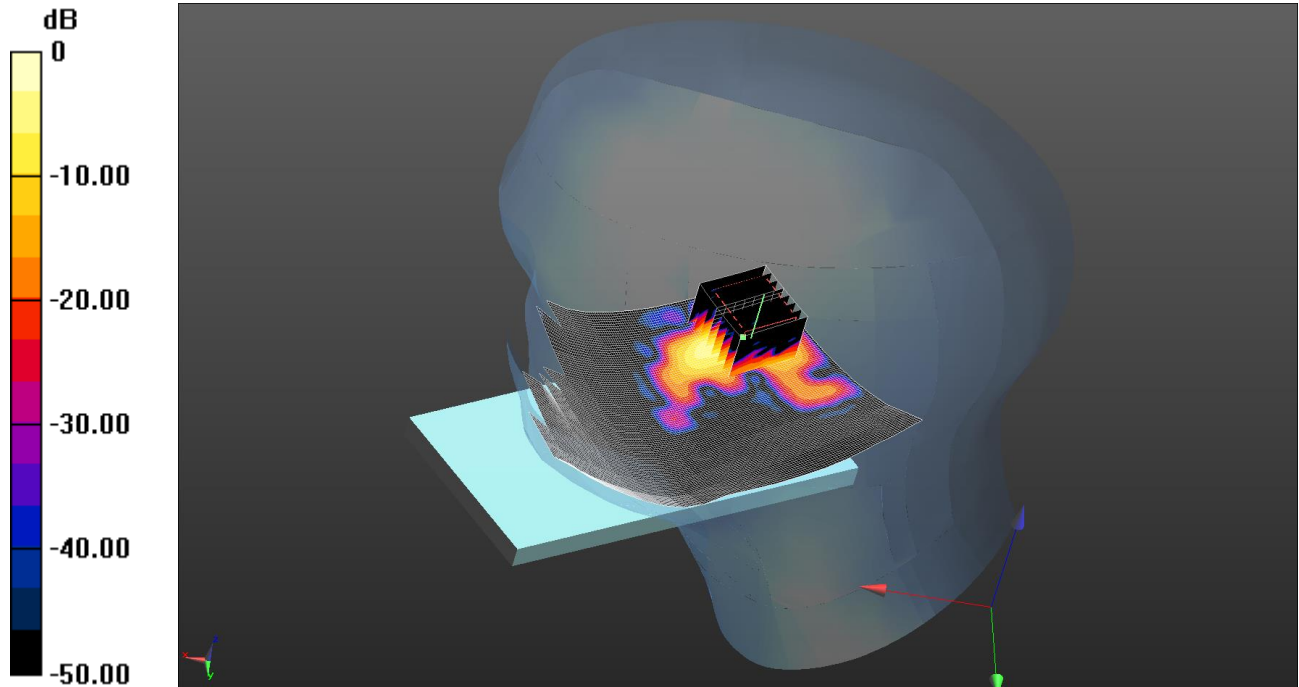
**SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.748 W/kg

054: Touch Right WLAN 802.11a 13.5Mbps CH54

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.865 W/kg = -0.63 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 4.592$  S/m;  $\epsilon_r = 34.457$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.007 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.70 W/kg

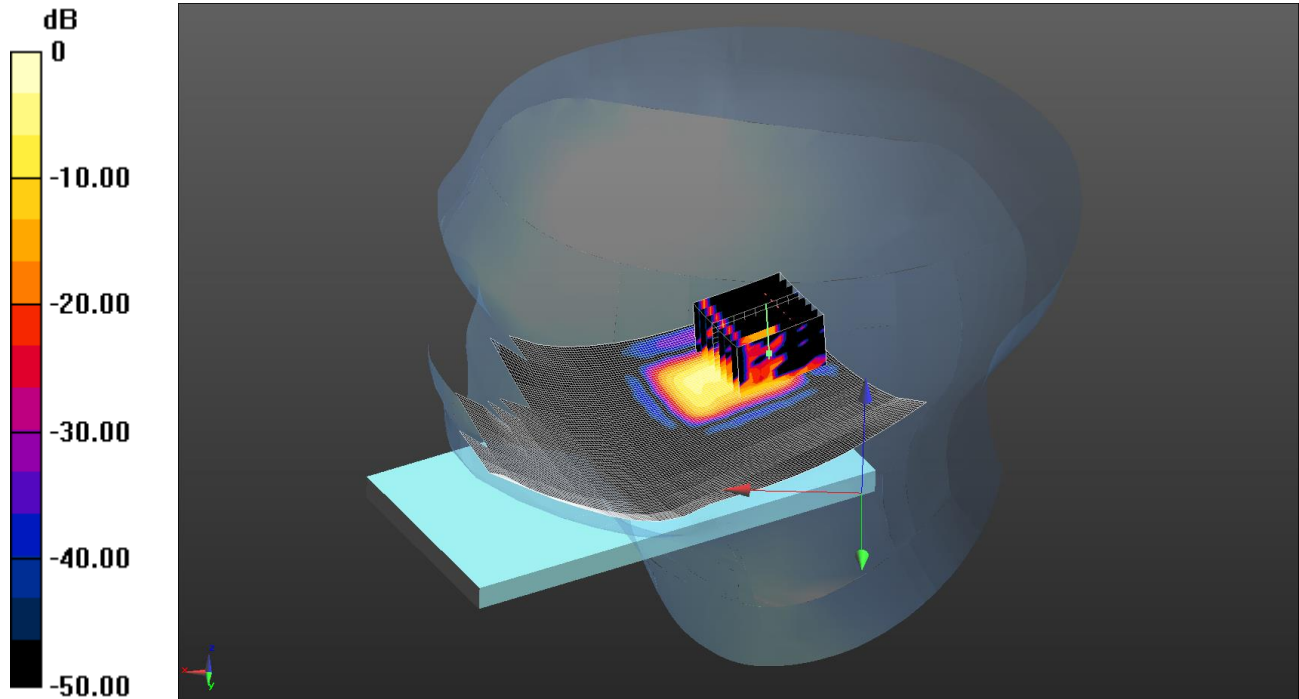
**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.865 W/kg

055: Touch Right WLAN 802.11a 13.5Mbps CH134

Date: 19/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.341 W/kg = -4.67 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5670$  MHz;  $\sigma = 4.989$  S/m;  $\epsilon_r = 33.983$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.35, 4.35, 4.35); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.032 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.601 W/kg

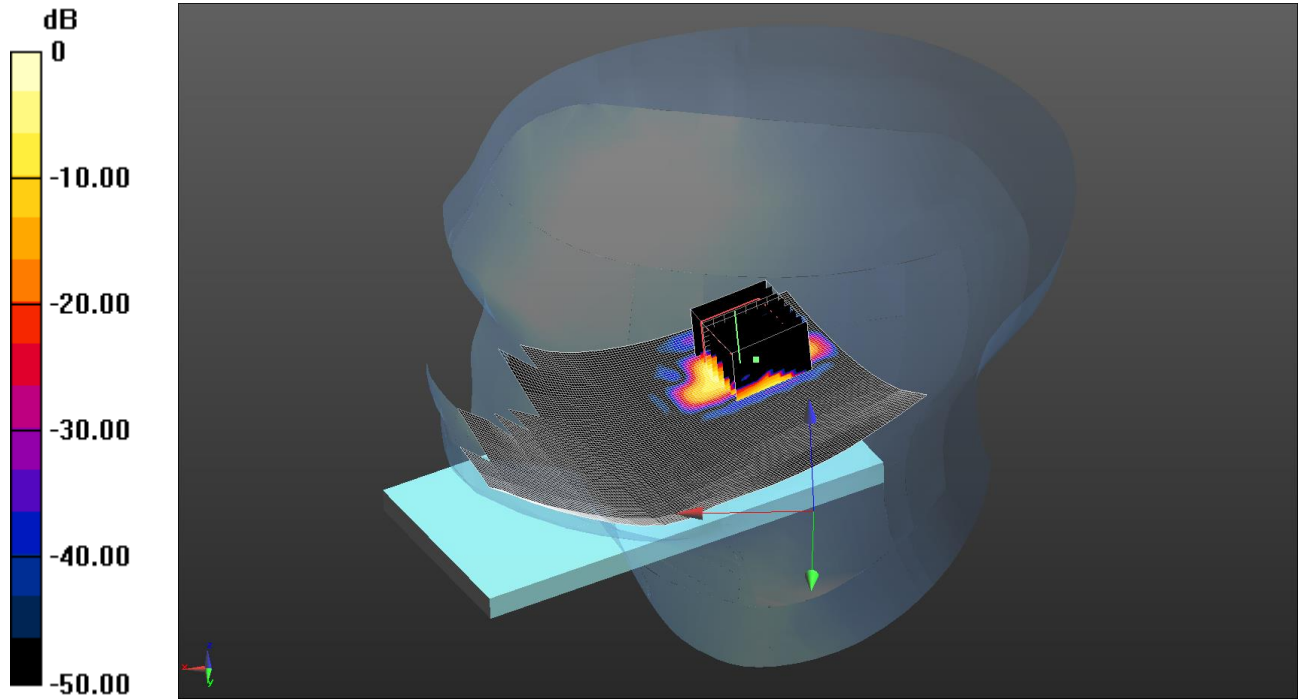
**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg

056: Touch Right WLAN 802.11a 13.5Mbps CH159

Date: 19/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.304 W/kg = -5.17 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 5.082$  S/m;  $\epsilon_r = 33.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.362 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.224 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.570 W/kg

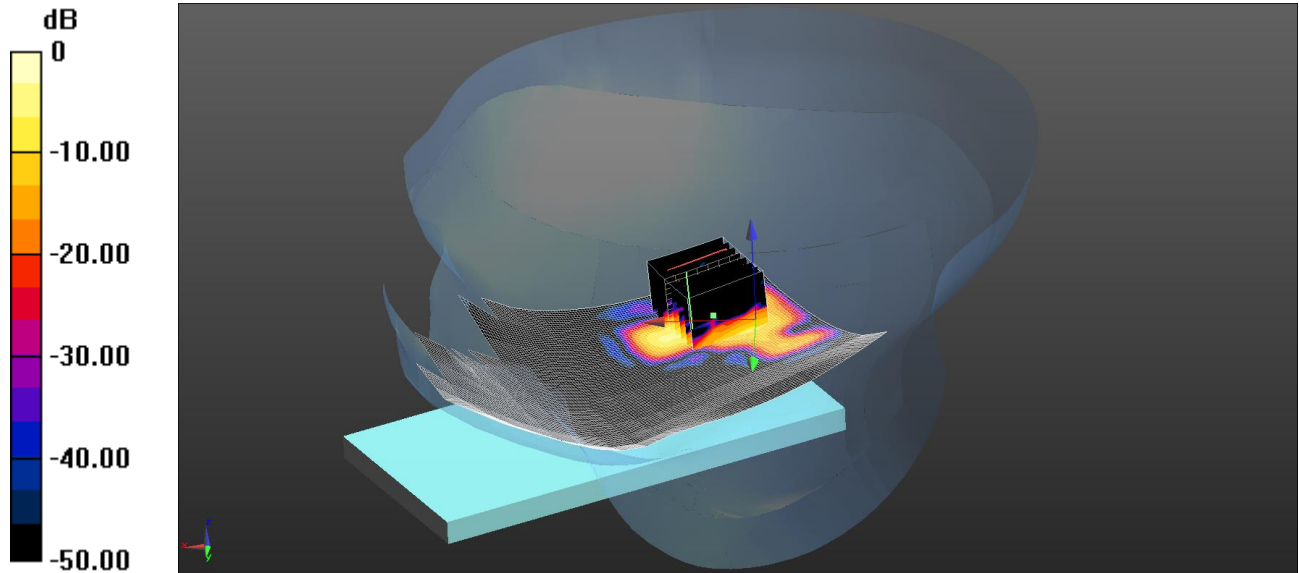
**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.304 W/kg

057: Touch Right WLAN 802.11a 29.3Mbps CH42

Date: 19/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.303 W/kg = -5.19 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5210$  MHz;  $\sigma = 4.549$  S/m;  $\epsilon_r = 34.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.119 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.758 W/kg

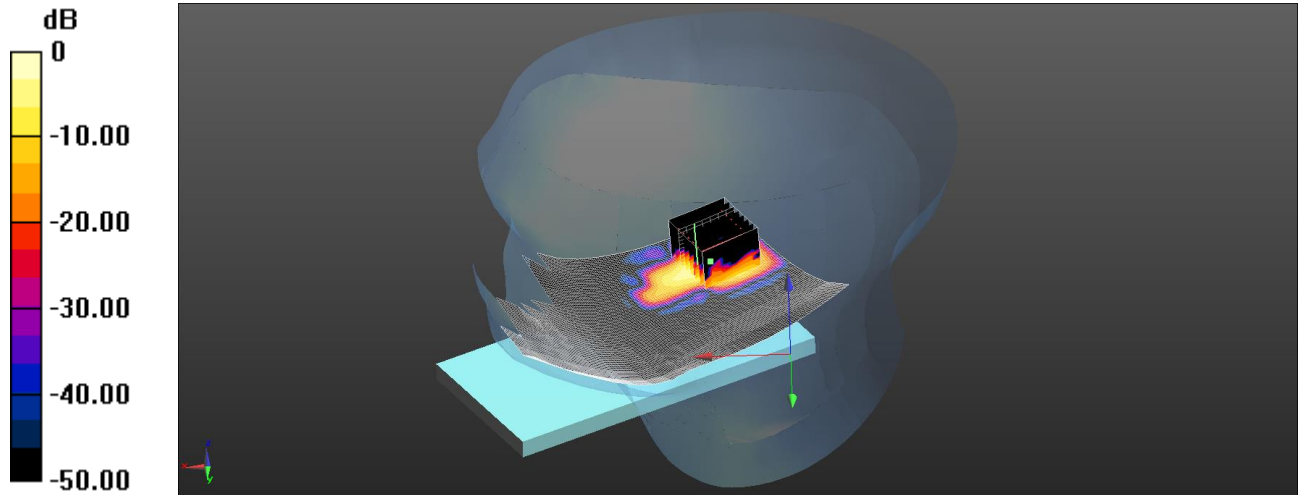
**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.303 W/kg

058: Touch Right WLAN 802.11a 29.3Mbps CH58

Date: 19/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5290$  MHz;  $\sigma = 4.613$  S/m;  $\epsilon_r = 34.409$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.86, 4.86, 4.86); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.336 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.214 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.891 W/kg

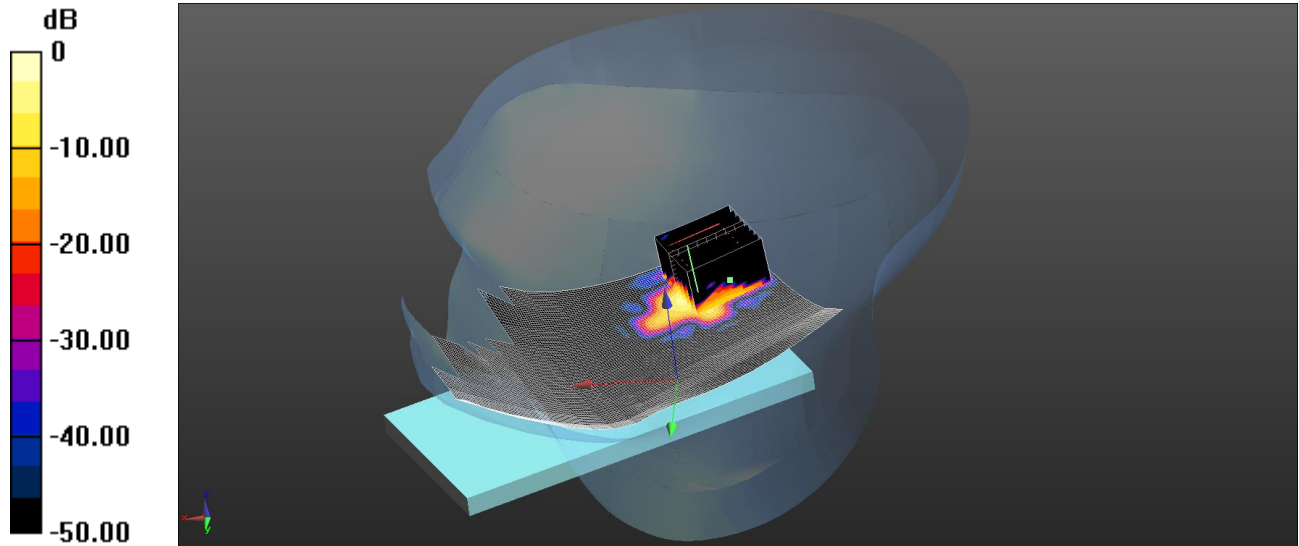
**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg

059: Touch Right WLAN 802.11a 29.3Mbps CH106

Date: 19/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.250 W/kg = -6.02 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5530$  MHz;  $\sigma = 4.853$  S/m;  $\epsilon_r = 34.194$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.271 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.342 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.447 W/kg

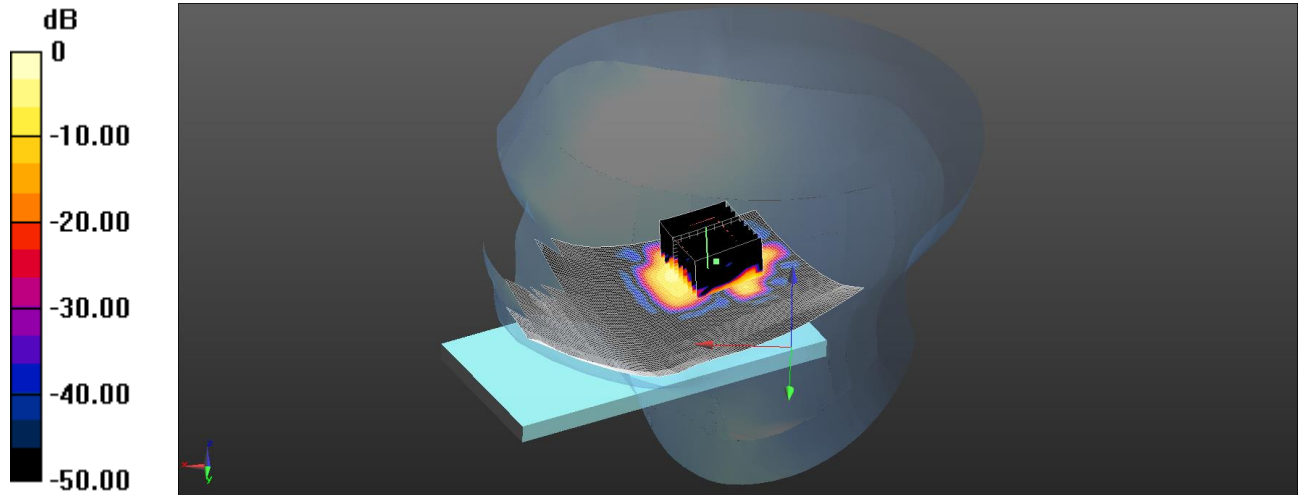
**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.250 W/kg

060: Touch Right WLAN 802.11a 29.3Mbps CH155

Date: 19/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.335 W/kg = -4.75 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5775$  MHz;  $\sigma = 5.087$  S/m;  $\epsilon_r = 33.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right - Middle/Area Scan 2 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.428 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.758 W/kg

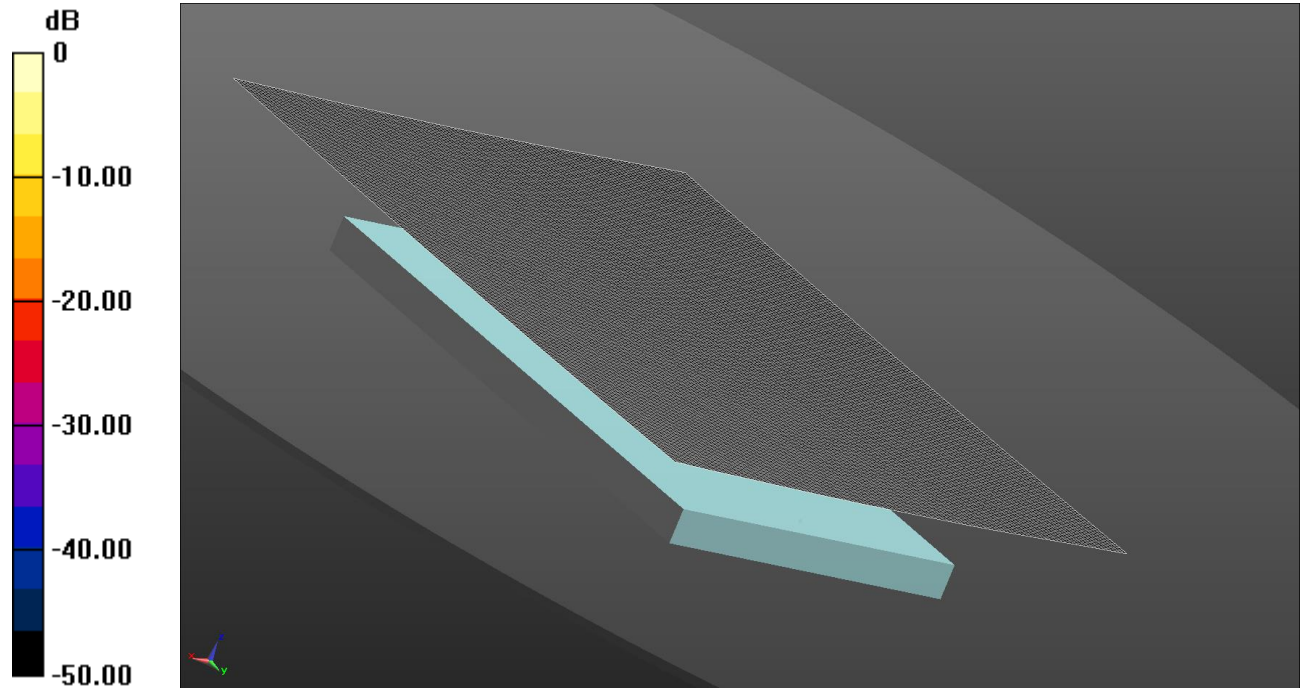
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.335 W/kg

061: Front Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 16/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0 W/kg = -999.00 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.272$  S/m;  $\epsilon_r = 47.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Front of EUT Facing Phantom- Middle/Area Scan 3 2 (121x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

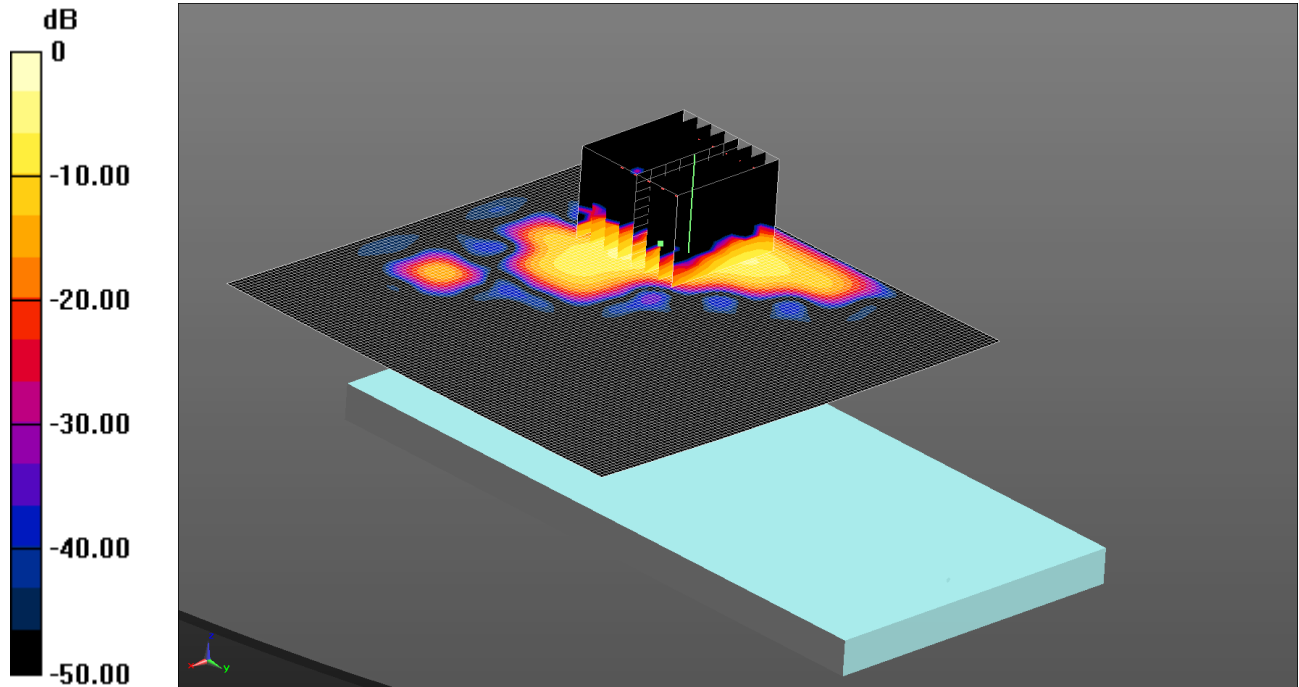
Maximum value of SAR (interpolated) = 0 W/kg

**Note:** SAR level measured is very low as equivalent to noise floor, hence the Zoom was not evaluated by DASY.

062: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 16/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.439 W/kg = -3.58 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.272$  S/m;  $\epsilon_r = 47.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.272 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.966 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.785 W/kg

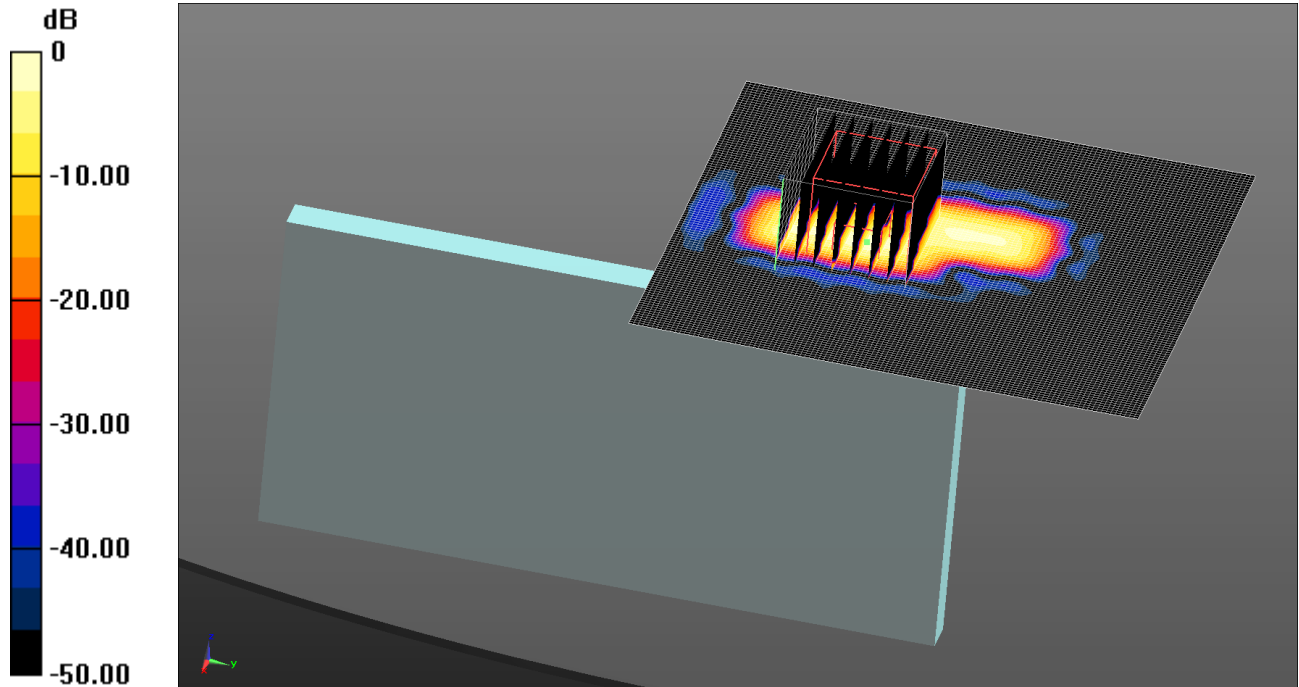
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.439 W/kg

063: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 16/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5240$  MHz;  $\sigma = 5.272$  S/m;  $\epsilon_r = 47.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (111x111x1): Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.0815 W/kg

Configuration/Left Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5-6 GHz) (7x7x12) (9x8x12)/Cube 0: Measurement grid:  $dx=4$  mm,  $dy=4$  mm,  $dz=2$  mm

Reference Value = 1.217 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.213 W/kg

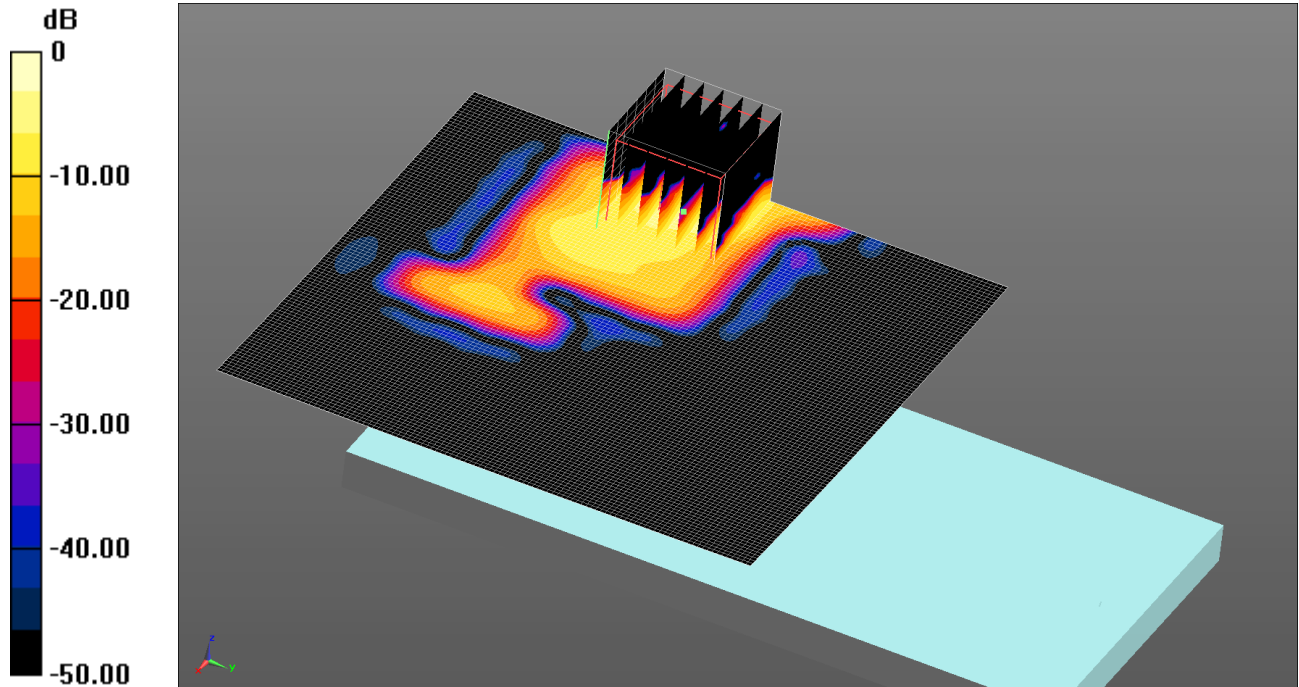
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.113 W/kg

064: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH52

Date: 17/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.609 W/kg = -2.15 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5260$  MHz;  $\sigma = 5.298$  S/m;  $\epsilon_r = 47.852$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.347 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.492 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.996 W/kg

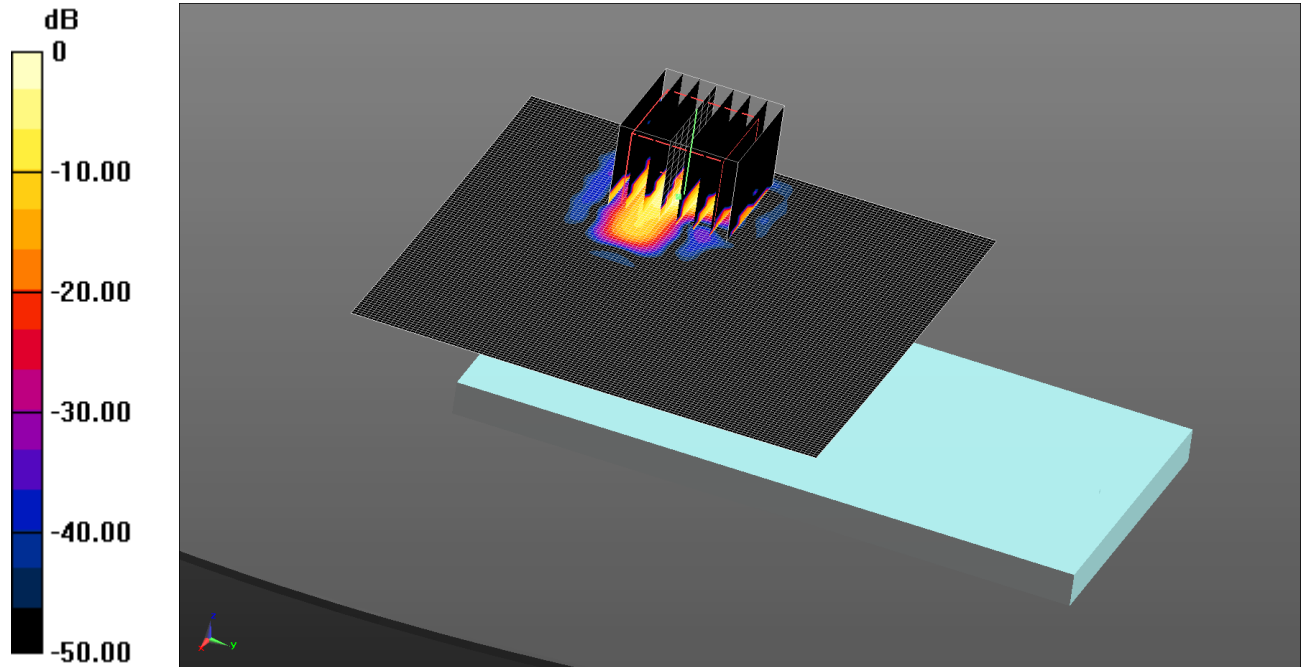
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.609 W/kg

065: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH108

Date: 17/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.227 W/kg = -6.44 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5540$  MHz;  $\sigma = 5.728$  S/m;  $\epsilon_r = 47.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

**Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.311 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.580 W/kg

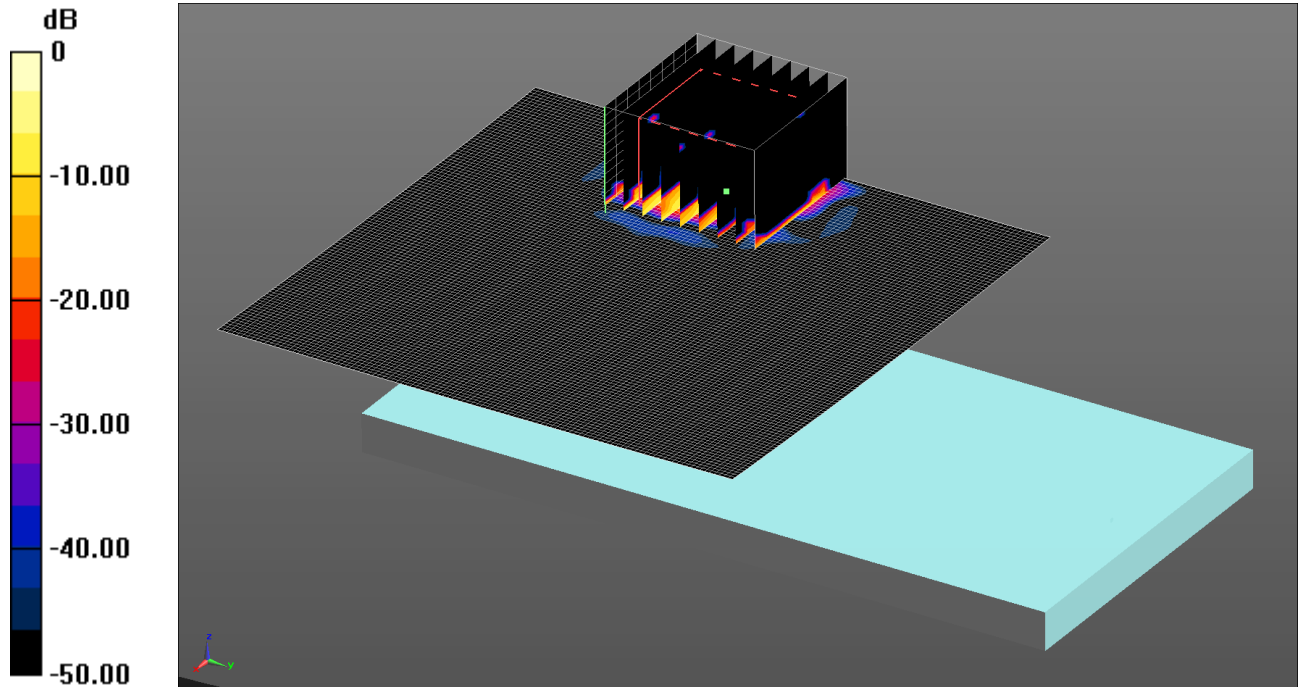
**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.227 W/kg

066: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH161

Date: 17/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.240 W/kg = -6.20 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 6.124$  S/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1): Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 0.153 W/kgConfiguration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid:  
 $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 3.156 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.473 W/kg

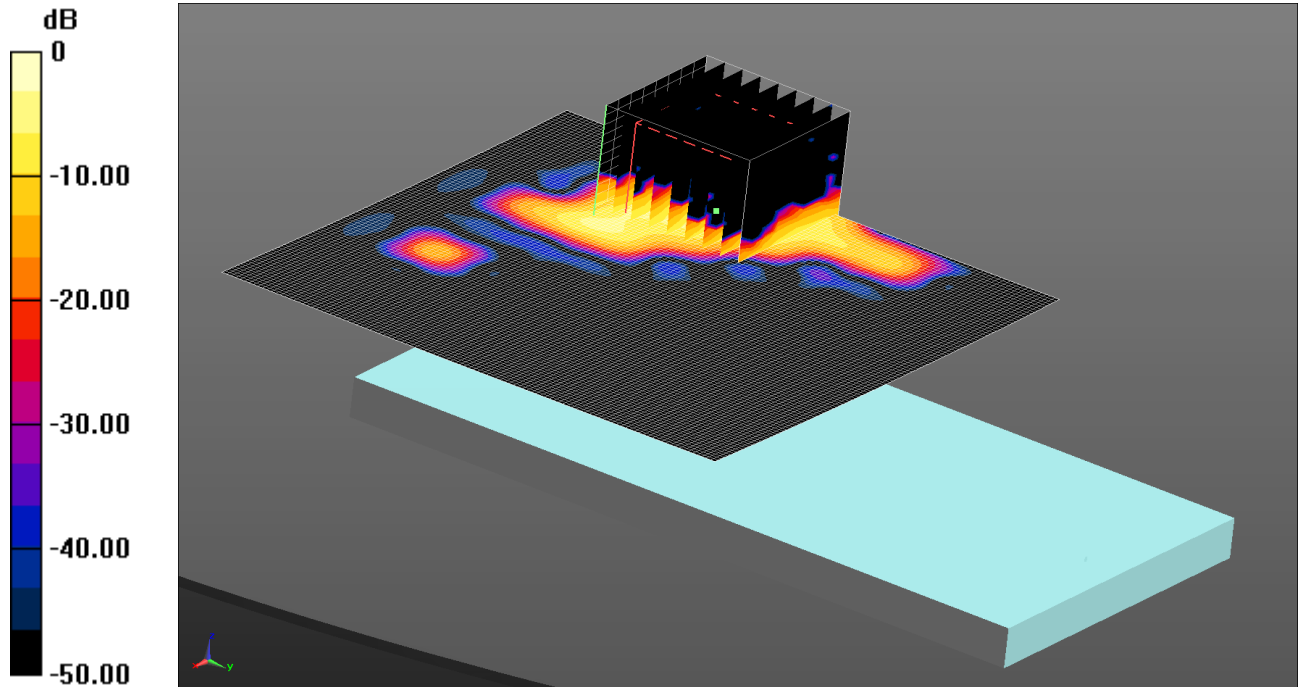
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.240 W/kg

067: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH38

Date: 17/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.344 W/kg = -4.63 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5190$  MHz;  $\sigma = 5.207$  S/m;  $\epsilon_r = 48.049$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1): Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.257 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 5.873 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.624 W/kg

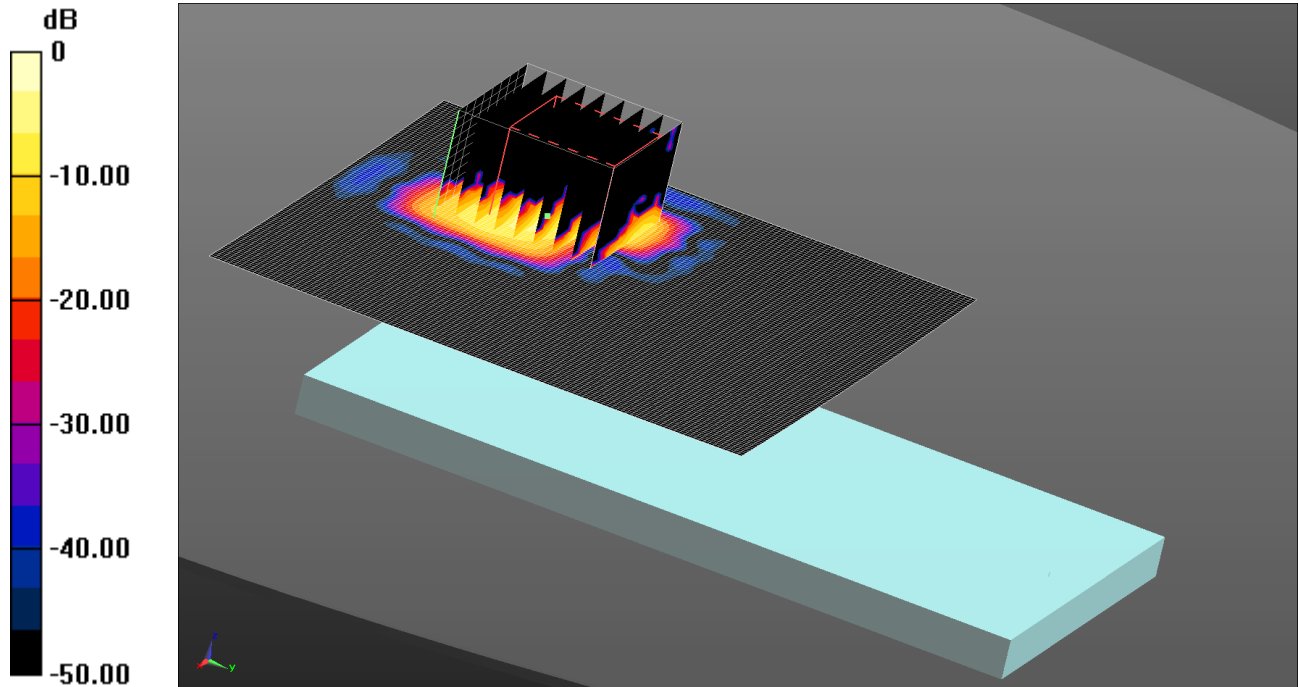
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.344 W/kg

068: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH54

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.377 W/kg = -4.24 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5270$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.229 W/kg

**Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0:**

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

Reference Value = 4.612 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.644 W/kg

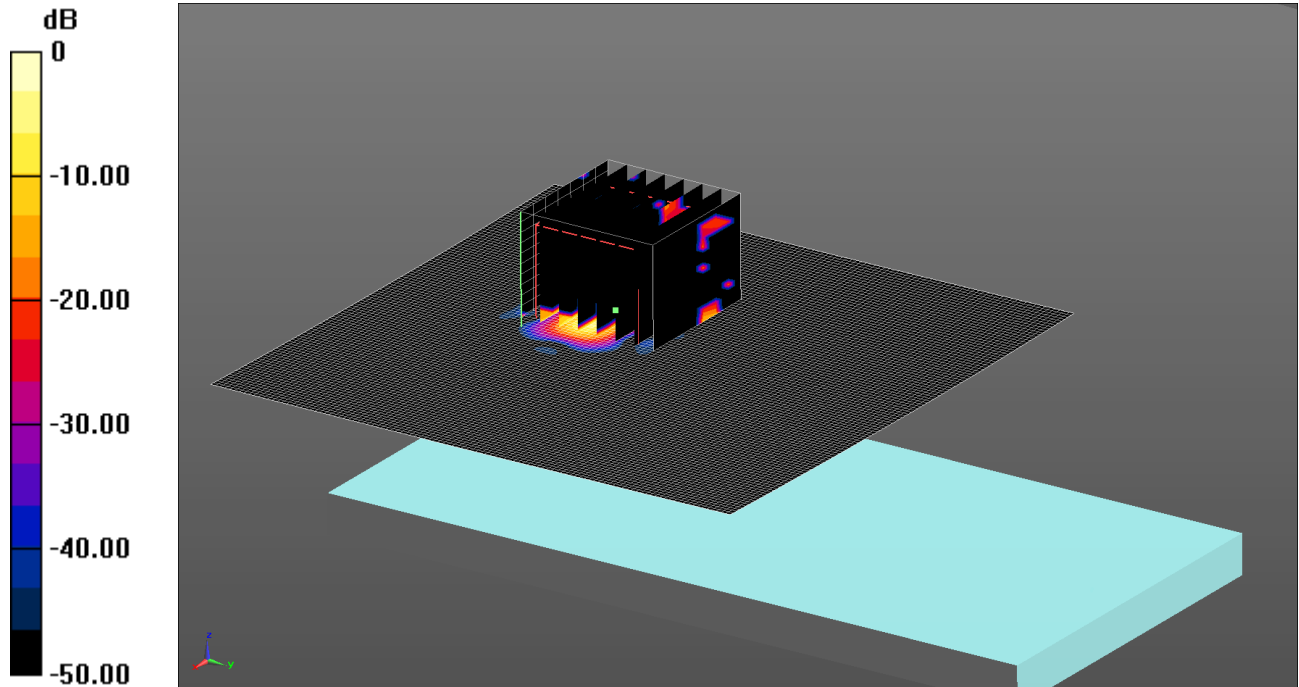
**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg

069: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH134

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.138 W/kg = -8.60 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5670$  MHz;  $\sigma = 5.934$  S/m;  $\epsilon_r = 47.058$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.74, 3.74, 3.74); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0665 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.243 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.623 W/kg

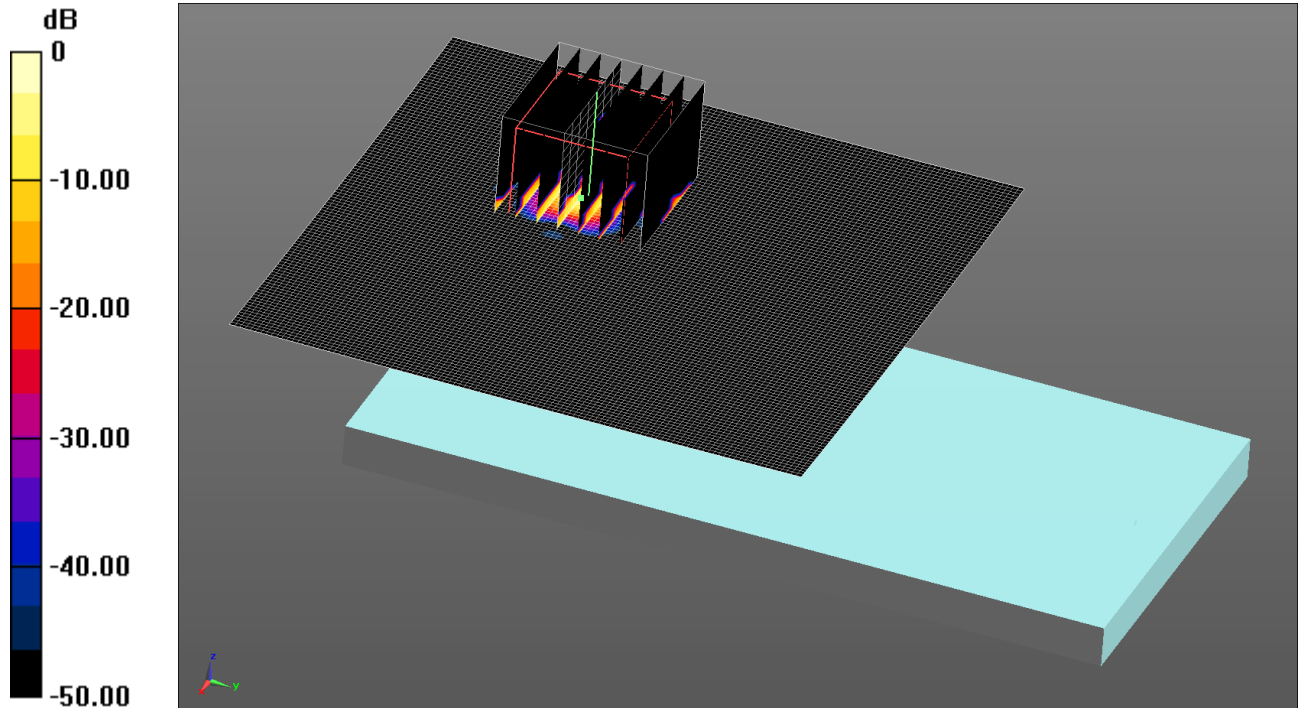
SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.018 W/kg

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

070: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH159

Date: 18/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.125 W/kg = -9.03 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5795$  MHz;  $\sigma = 6.106$  S/m;  $\epsilon_r = 46.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/13;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0475 W/kg

**Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0:**

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

Reference Value = 4.416 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.573 W/kg

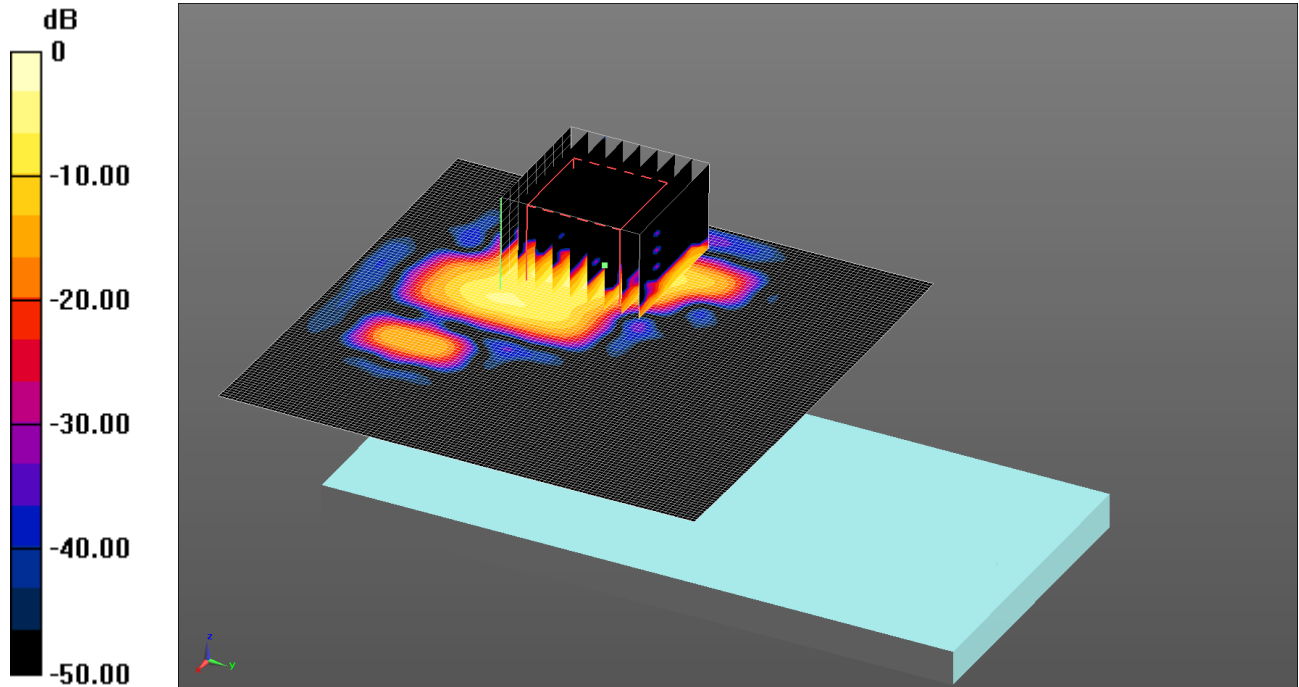
**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.125 W/kg

071: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH42

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.484 W/kg = -3.15 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5210$  MHz;  $\sigma = 5.356$  S/m;  $\epsilon_r = 48.038$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.929 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.863 W/kg

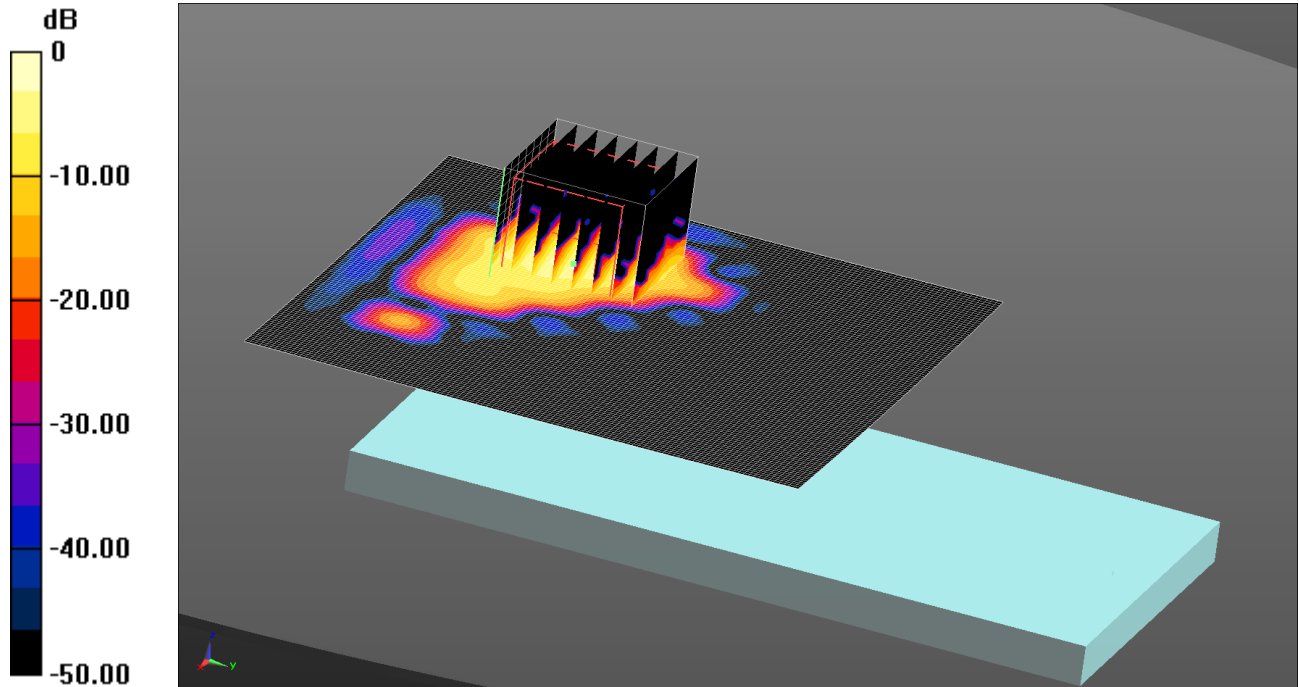
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.484 W/kg

072: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH58

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.523 W/kg = -2.81 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5290$  MHz;  $\sigma = 5.478$  S/m;  $\epsilon_r = 47.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.09, 4.09, 4.09); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.317 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.44 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.00 W/kg

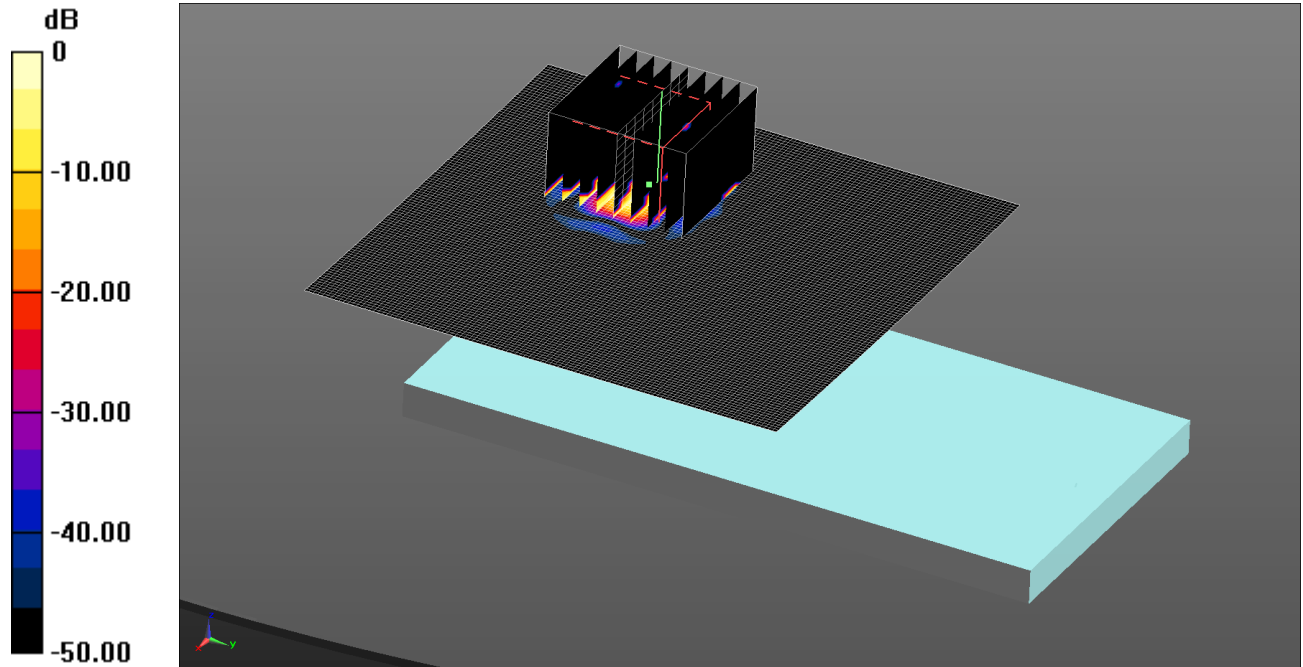
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.523 W/kg

073: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH106

Date: 18/6/14

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.0533 W/kg = -12.73 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5530$  MHz;  $\sigma = 5.725$  S/m;  $\epsilon_r = 47.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back of EUT Facing Phantom- Middle 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (9x9x12)/Cube 0: Measurement**  
grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.953 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.016 W/kg**

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

**Configuration/Back of EUT Facing Phantom- Middle 2 2/Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

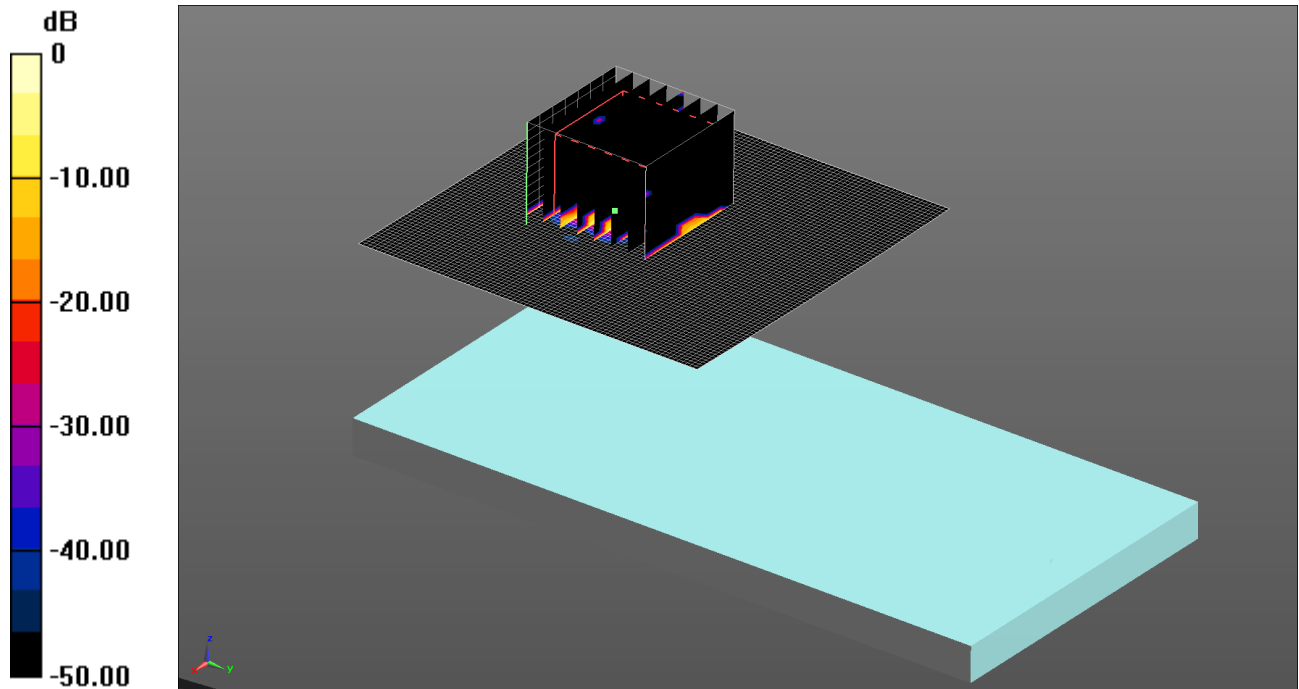
Maximum value of SAR (interpolated) = 0.0533 W/kg

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

074: Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH155

Date: 18/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.119 W/kg = -9.24 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5775$  MHz;  $\sigma = 6.097$  S/m;  $\epsilon_r = 46.754$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0429 W/kg

Configuration/Back of EUT Facing Phantom- Middle 2 2 2/Zoom Scan (5-6 GHz) (7x7x12) 2 2 (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.048 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.016 W/kg

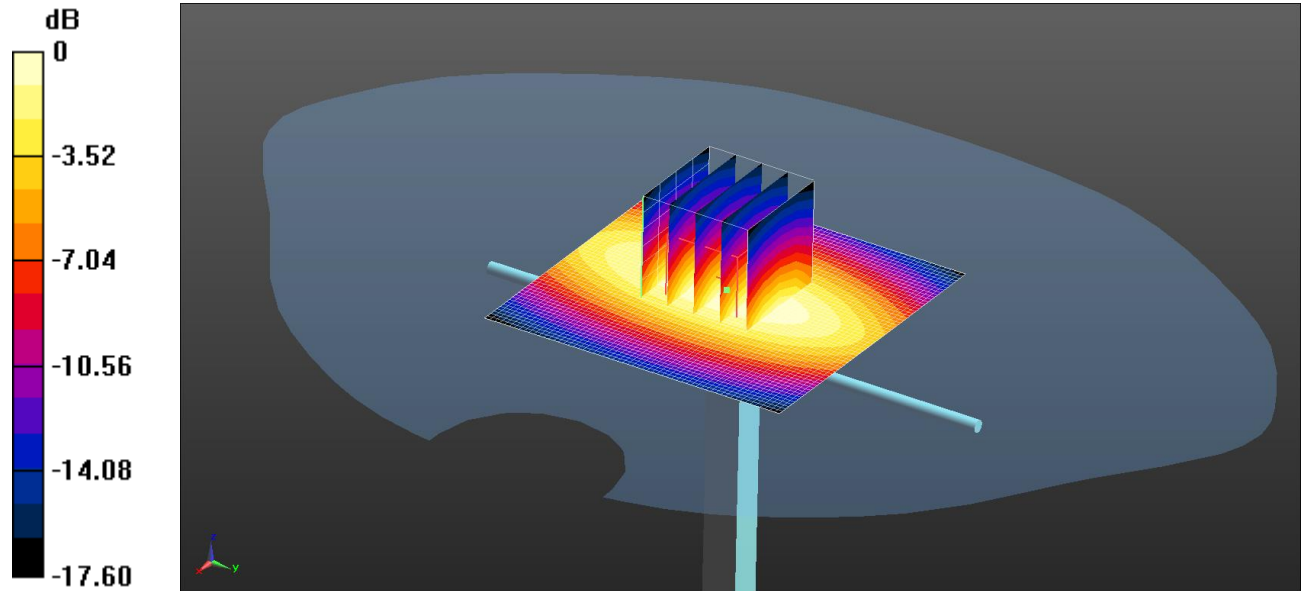
Maximum value of SAR (measured) = 0.119 W/kg

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

075: System Performance Check 900MHz Head 16 06 14 Lab1

Date: 16/6/14

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.78 W/kg = 4.45 dBW/kg

Communication System: UID 0, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 39.839$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.79, 9.79, 9.79); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

**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) = 2.78 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 = 53.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.85 W/kg

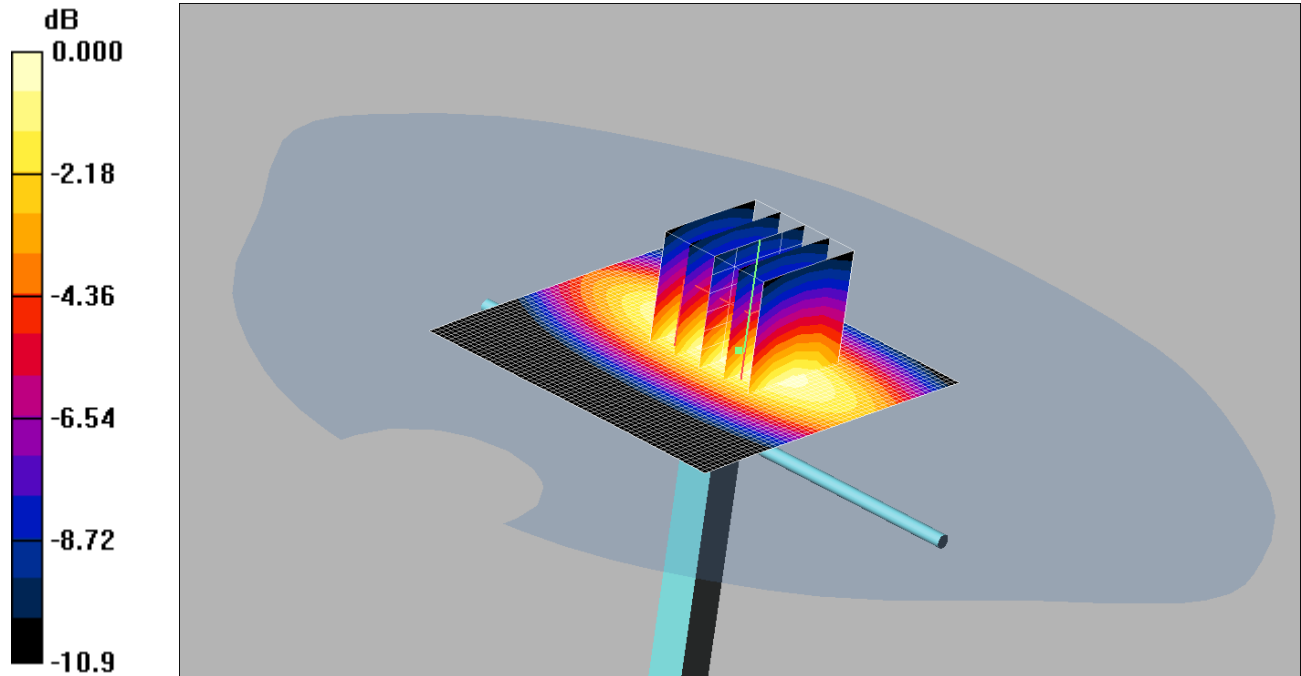
**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.65 W/kg**

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

076: System Performance Check 900MHz Head 16 06 14 Lab2

Date: 16/06/2014

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



0 dB = 2.86mW/g

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

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.996 \text{ mho/m}$ ;  $\epsilon_r = 40.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- 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 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.84 mW/g

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

Reference Value = 52.6 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 3.91 W/kg

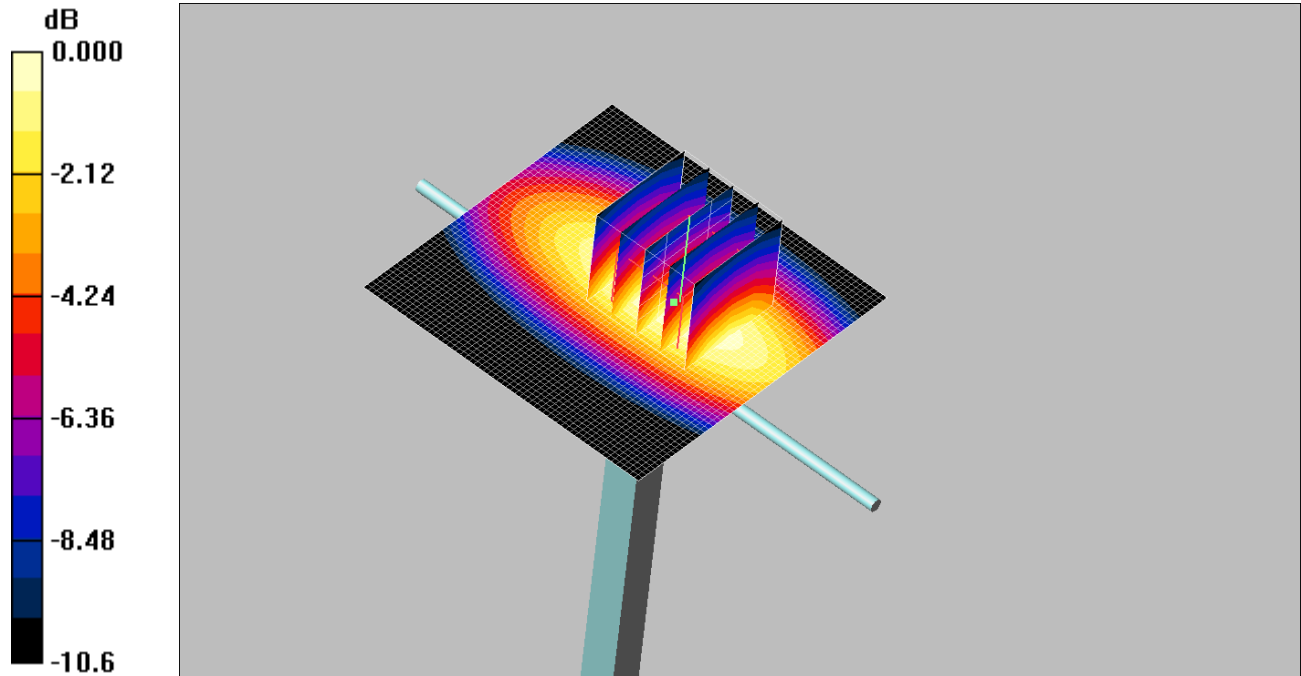
**SAR(1 g) = 2.65 mW/g; SAR(10 g) = 1.72 mW/g**

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

077: System Performance Check 900MHz Body 16 06 14

Date: 16/06/2014

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



0 dB = 2.77mW/g

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

Medium: 900 MHz MSL Medium parameters used:  $f = 900$  MHz;  $\sigma = 1.06$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.04, 6.04, 6.04);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- 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 2/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.79 mW/g

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

Reference Value = 51.8 V/m; Power Drift = -0.002 dB

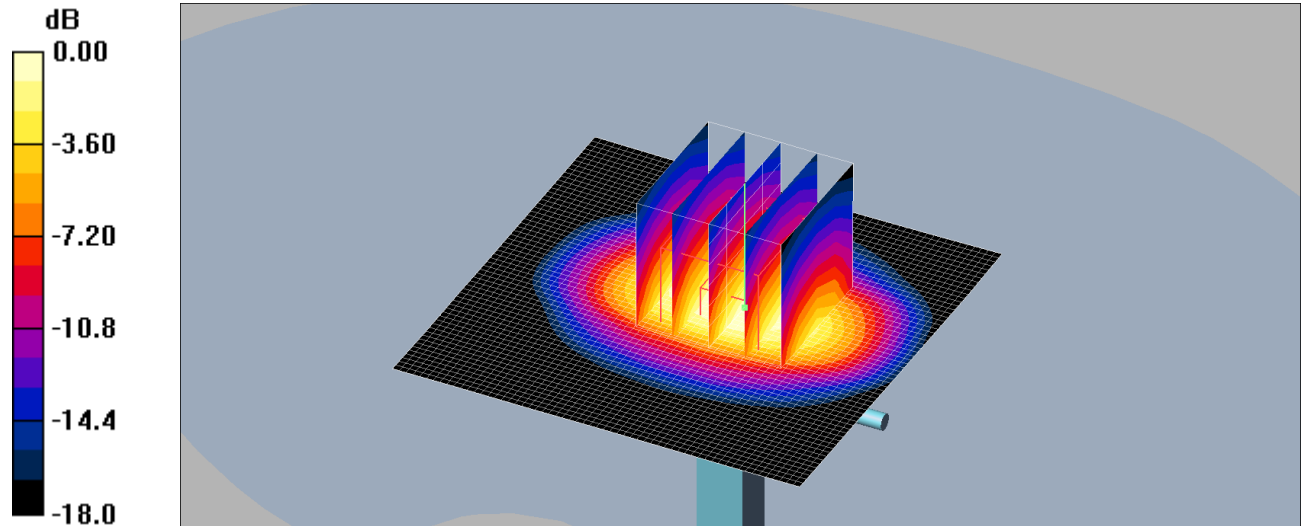
Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 2.58 mW/g; SAR(10 g) = 1.69 mW/g**

Maximum value of SAR (measured) = 2.77 mW/g

078: System Performance Check 1900MHz Head 16 06 14

Date: 16/06/2014

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

0 dB = 11.1mW/g

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

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 12.5 mW/g

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

Reference Value = 88.5 V/m; Power Drift = 0.017 dB

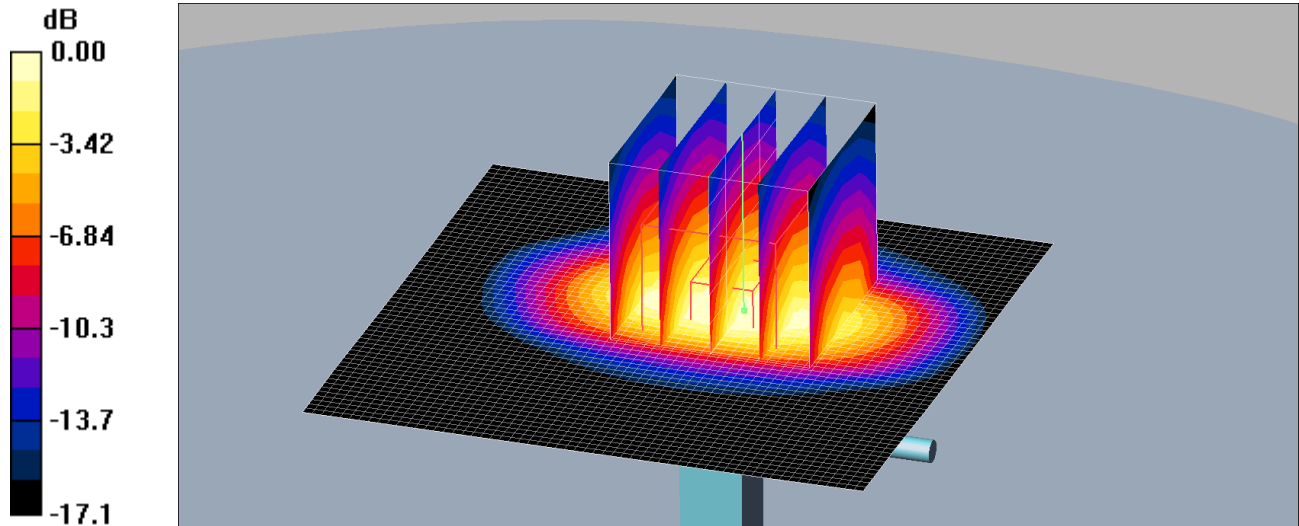
Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.08 mW/g**

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

079: System Performance Check 1900MHz Body 16 06 14

Date/ 16/06/2014

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

0 dB = 10.8mW/g

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

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 12.6 mW/g

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

Reference Value = 81.3 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.1 W/kg

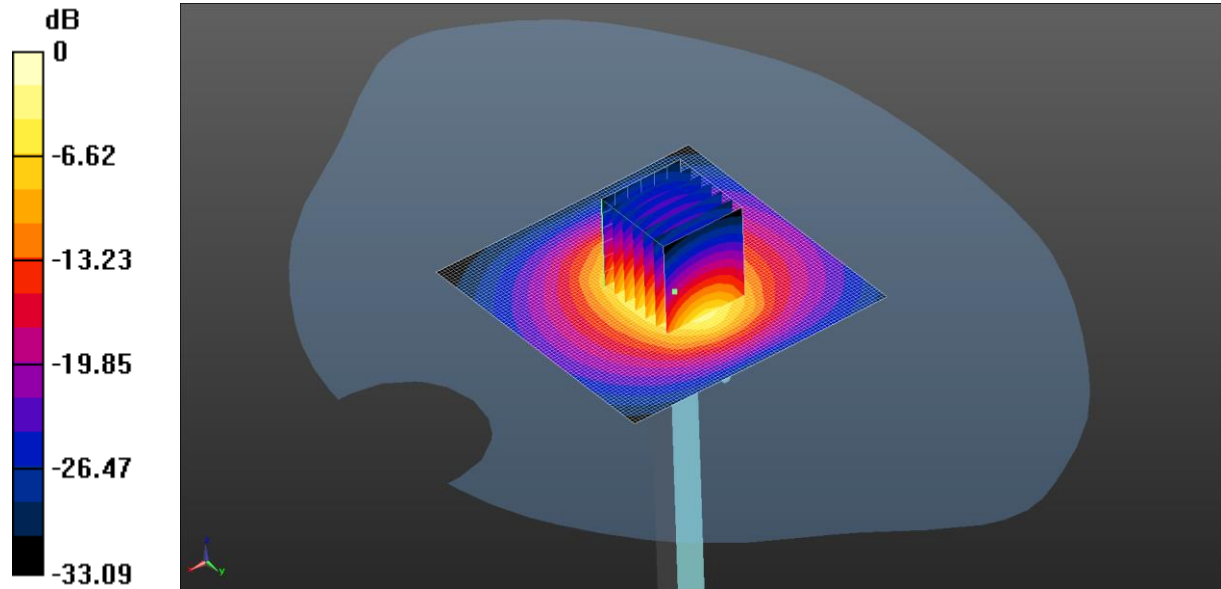
**SAR(1 g) = 9.65 mW/g; SAR(10 g) = 5.08 mW/g**

Maximum value of SAR (measured) = 10.8 mW/g

080: System Performance Check 2450MHz Head 17 06 14

Date: 17/06/2014

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



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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 37.773$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(4.08, 4.08, 4.08); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

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

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

Reference Value = 98.086 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 27.2 W/kg

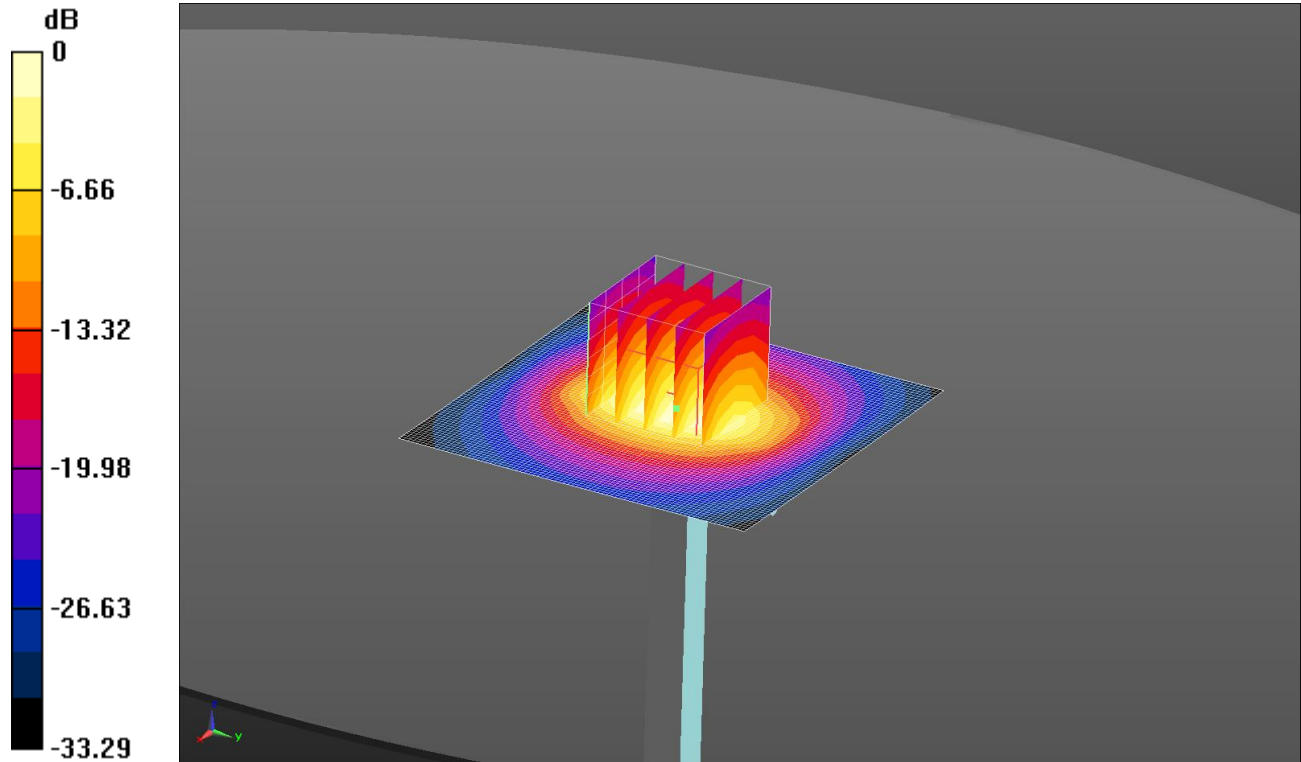
**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.18 W/kg**

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

081: System Performance Check 2450MHz Body 17 06 14

Date: 17/06/2014

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



0 dB = 14.8 W/kg = 11.69 dBW/kg

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.037$  S/m;  $\epsilon_r = 52.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

**Configuration/d=10mm, Pin=250mW 4 2 2/Zoom Scan (7x7x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.794 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 32.7 W/kg

**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 5.97 W/kg**

Maximum value of SAR (measured) = 14.8 W/kg

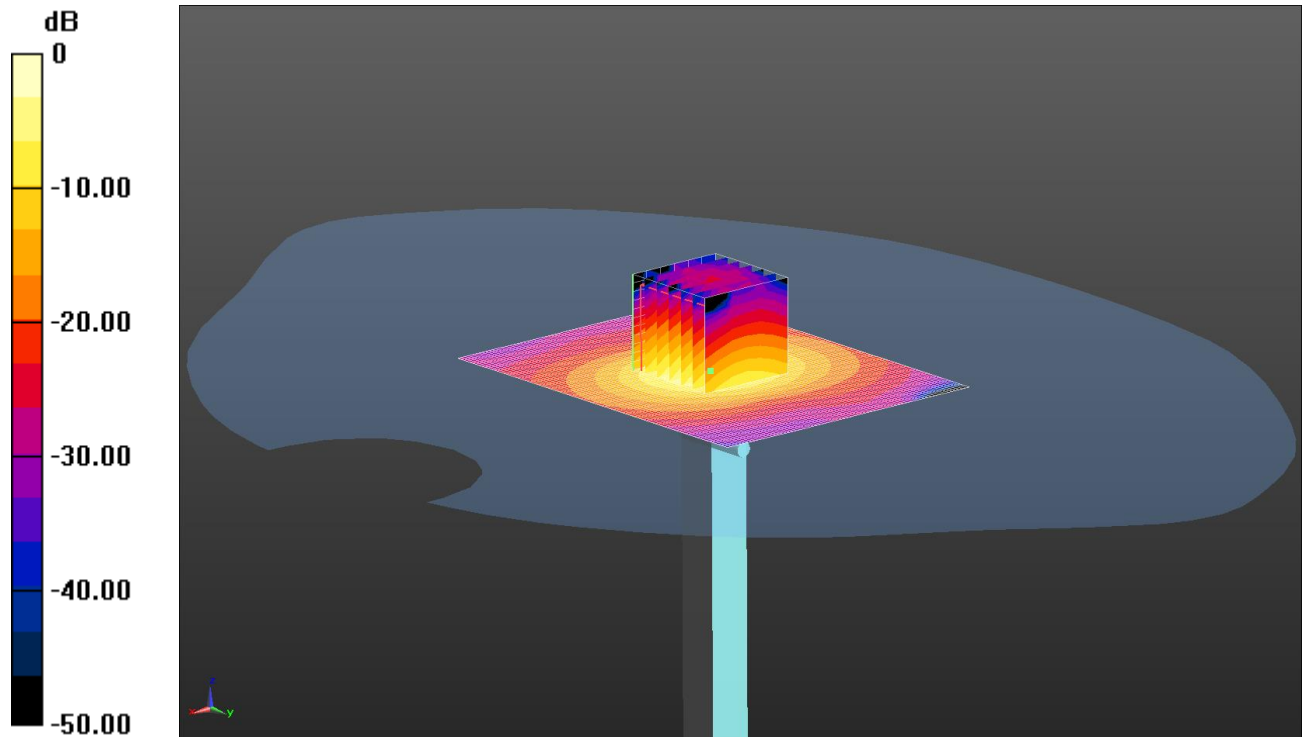
**Configuration/d=10mm, Pin=250mW 4 2 2/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.8 W/kg

082: System Performance Check 5200 MHz Head 18 06 14

Date: 18/6/2014

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



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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.543$  S/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.07, 5.07, 5.07); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 44.26 V/m; Power Drift = 0.01 dB

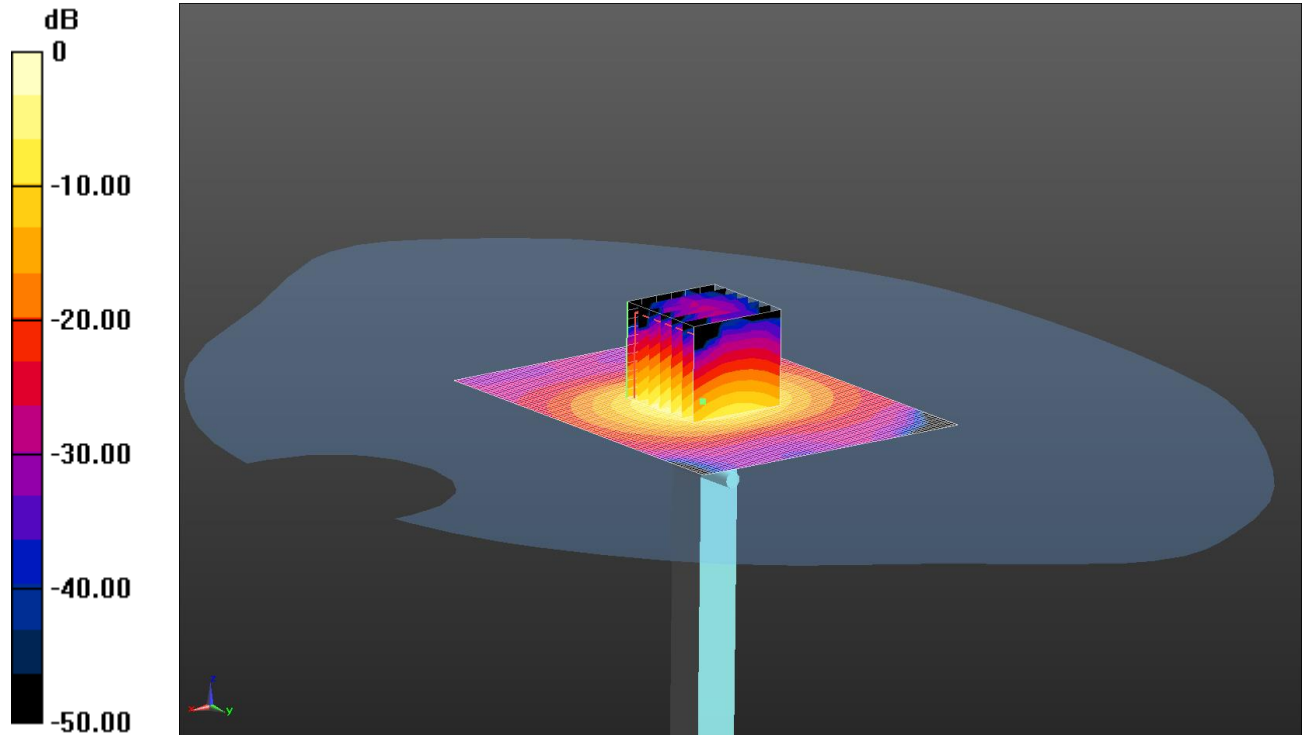
Peak SAR (extrapolated) = 30.3 W/kg

**SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.15 W/kg**

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

083: System Performance Check 5500 MHz Head 18 06 14

Date: 18/6/2014

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

0 dB = 18.3 W/kg = 12.62 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.848$  S/m;  $\epsilon_r = 34.221$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.76, 4.76, 4.76); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 19.1 W/kg

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

Reference Value = 45.15 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 37.4 W/kg

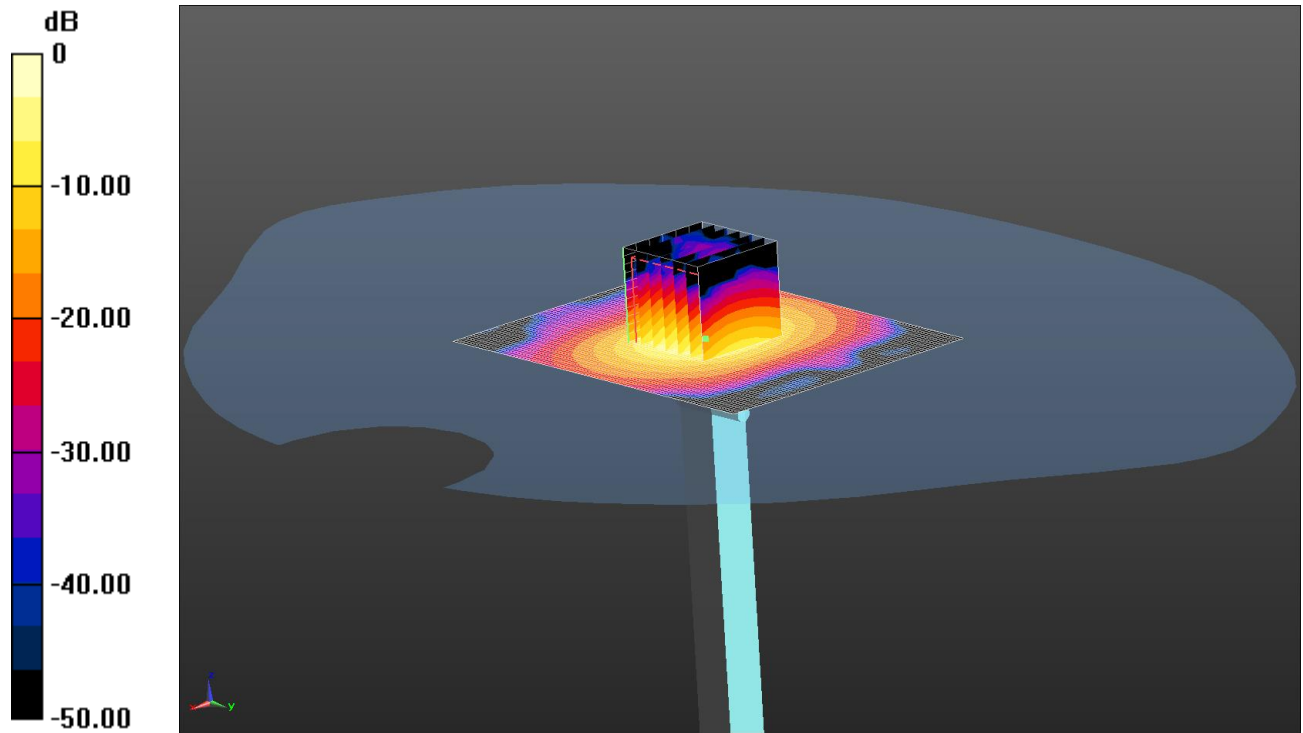
SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.44 W/kg

Maximum value of SAR (measured) = 18.3 W/kg

084: System Performance Check 5800 MHz Head 18 06 14

Date: 18/6/2014

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



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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.081$  S/m;  $\epsilon_r = 33.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.59, 4.59, 4.59); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 40.31 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 35.3 W/kg

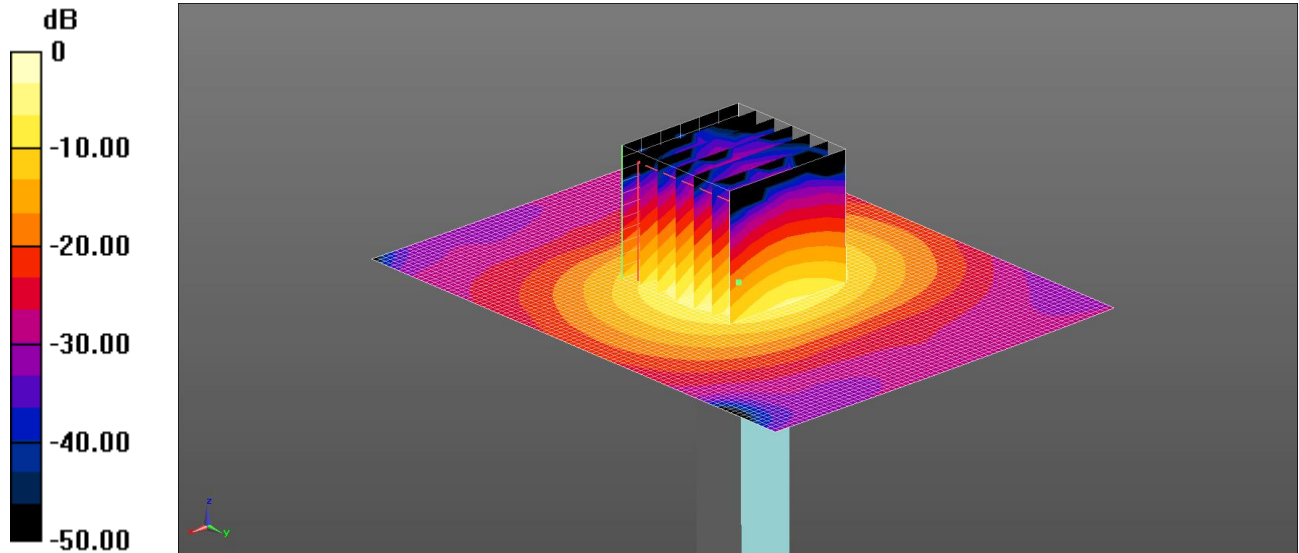
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.17 W/kg

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

085: System Performance Check 5200 MHz Body 16 06 14

Date: 16/6/2014

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



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

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.34$  S/m;  $\epsilon_r = 48.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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

Reference Value = 42.11 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.7 W/kg

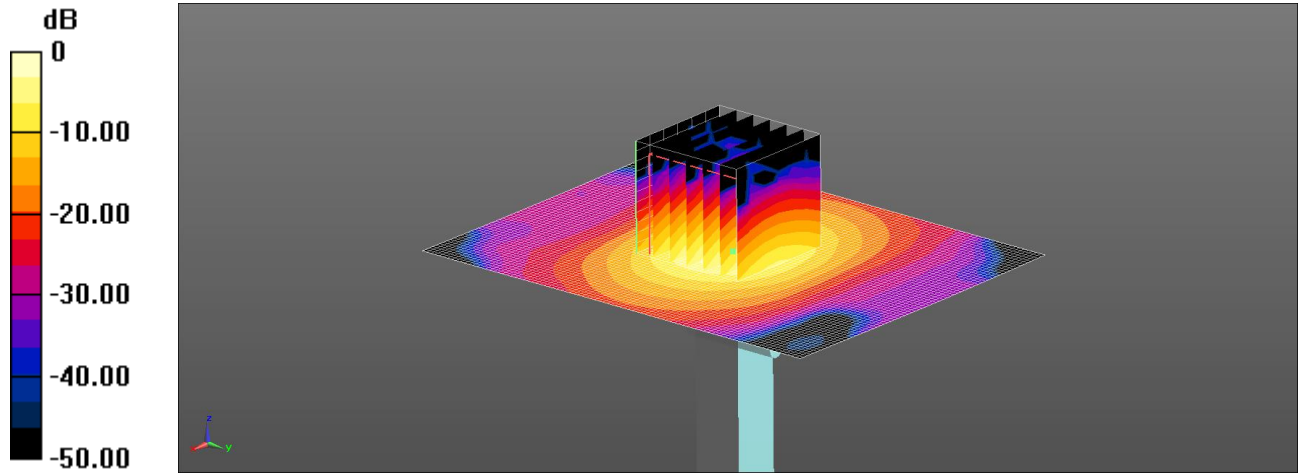
**SAR(1 g) = 7.51 W/kg; SAR(10 g) = 2.12 W/kg**

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

086: System Performance Check 5500 MHz Body 16 06 14

Date: 16/6/2014

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



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

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.855$  S/m;  $\epsilon_r = 47.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 40.29 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.6 W/kg

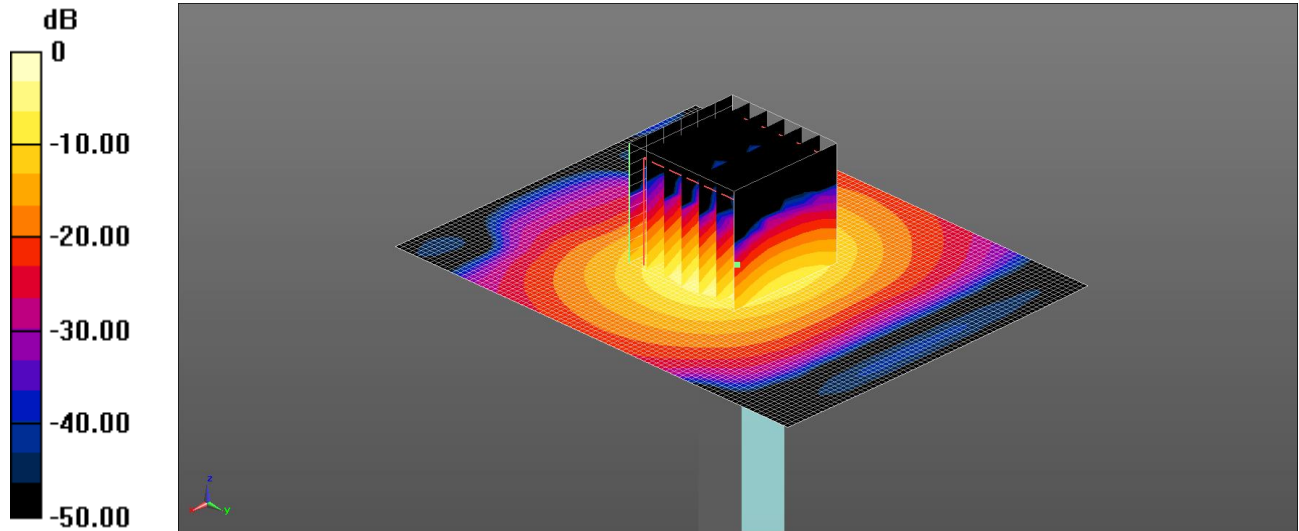
**SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.1 W/kg**

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

087: System Performance Check 5800 MHz Body 16 06 14

Date: 16/6/2014

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



0 dB = 15.7 W/kg = 11.96 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.263$  S/m;  $\epsilon_r = 46.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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

Reference Value = 36.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.3 W/kg

**SAR(1 g) = 7.35 W/kg; SAR(10 g) = 2.02 W/kg**

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

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

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