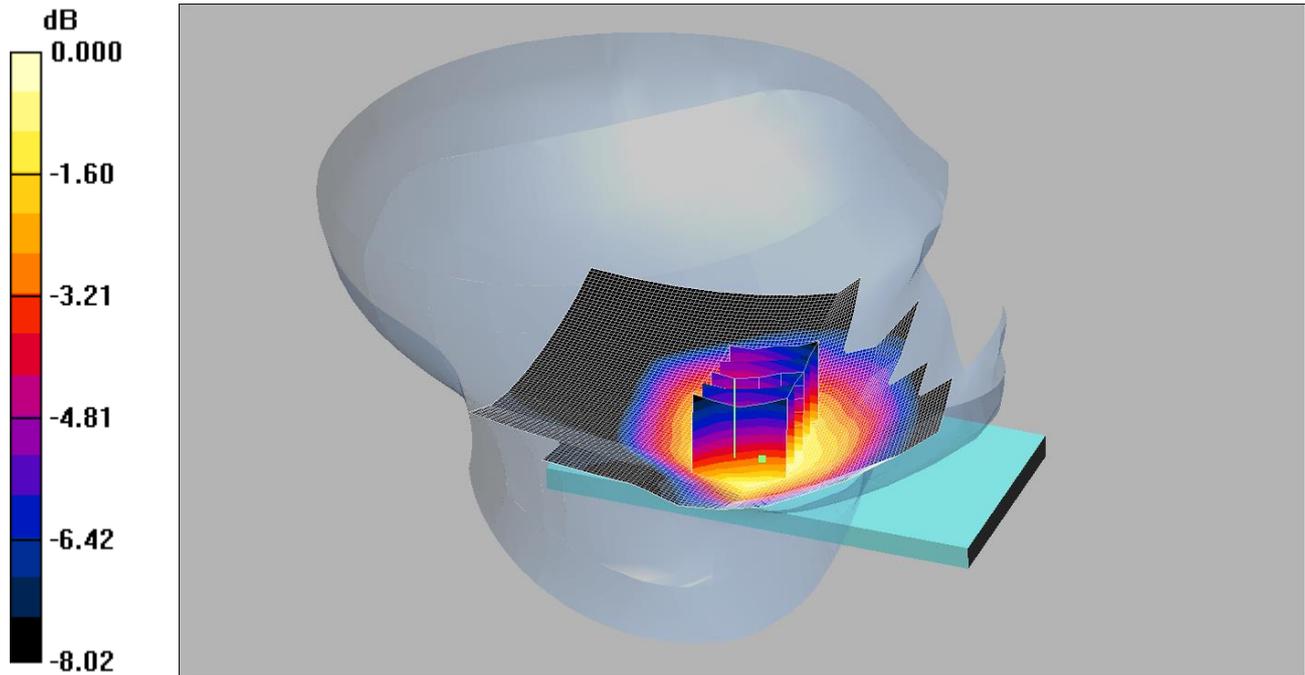


051: Touch Left LTE Band 17 1RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.226mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.856$  mho/m;  $\epsilon_r = 44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Touch Left - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.257 mW/g

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

Reference Value = 5.84 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.302 W/kg

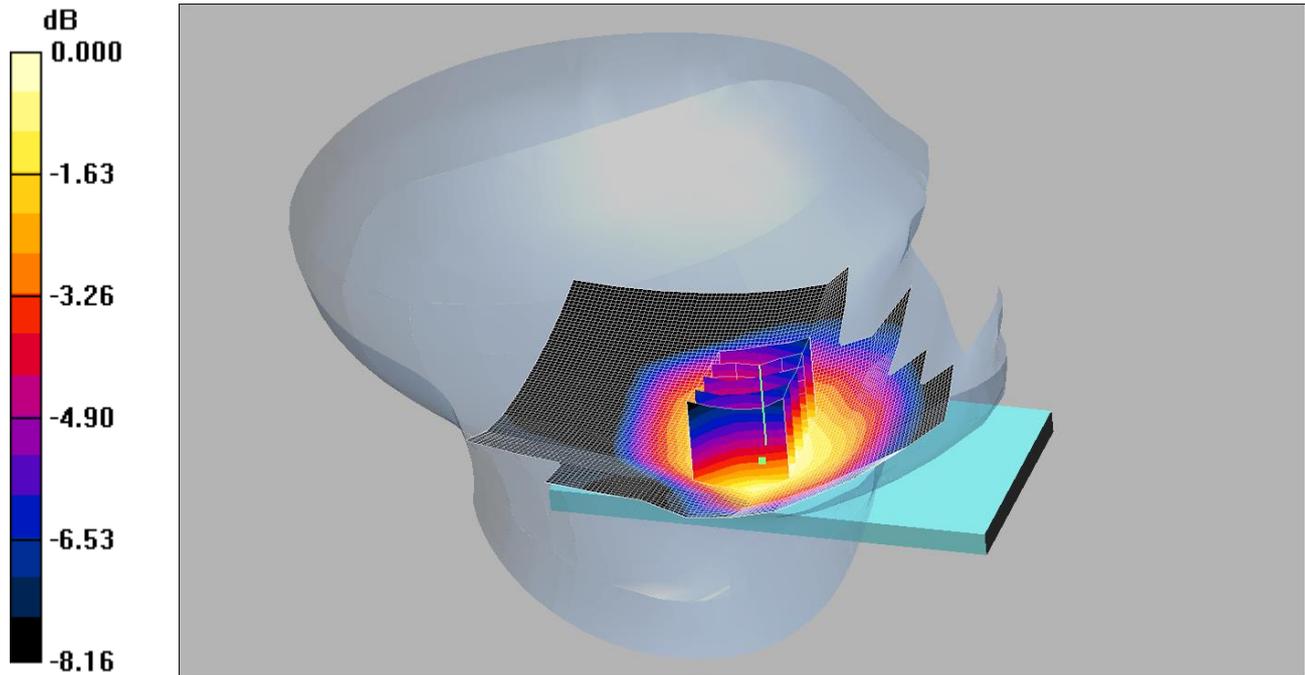
**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.226 mW/g

052: Touch Left LTE Band 17 50%RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.174mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.856$  mho/m;  $\epsilon_r = 44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Touch Left - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 mW/g

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

Reference Value = 5.14 V/m; Power Drift = 0.216 dB

Peak SAR (extrapolated) = 0.234 W/kg

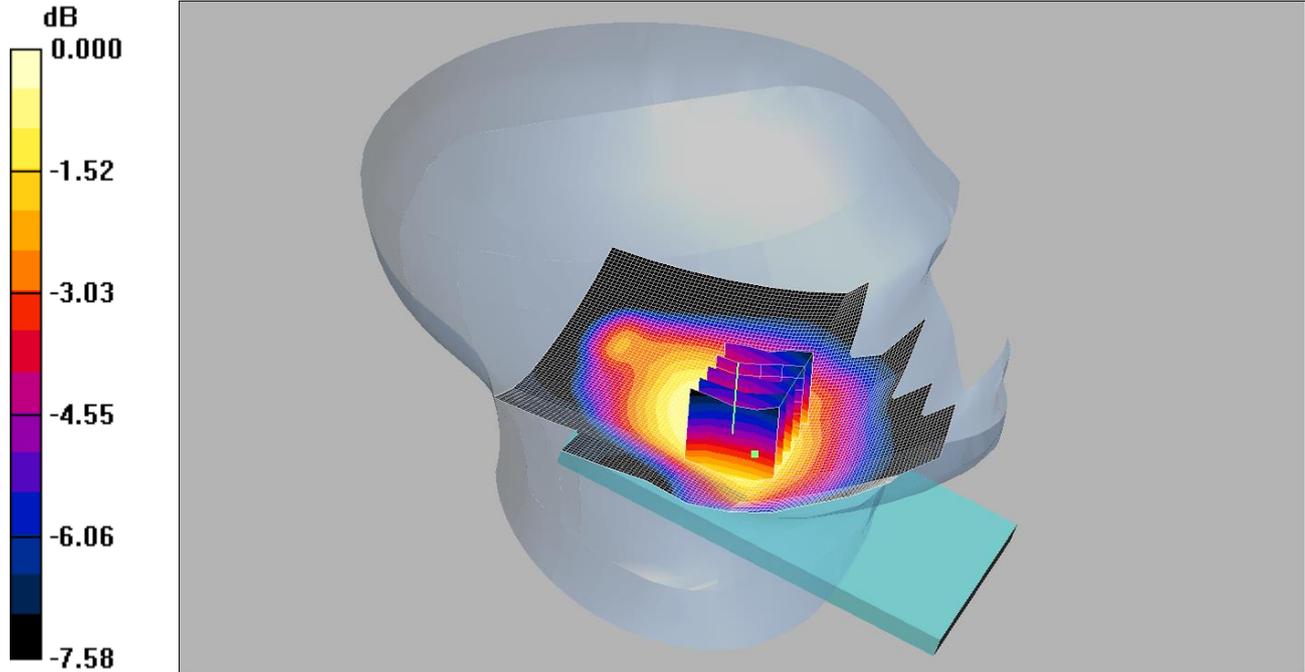
**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.174 mW/g

053: Tilt Left LTE Band 17 1RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.094mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.856 \text{ mho/m}$ ;  $\epsilon_r = 44$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Tilt Left - Middle/Area Scan (81x131x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.089 mW/g

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

Reference Value = 7.45 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.107 W/kg

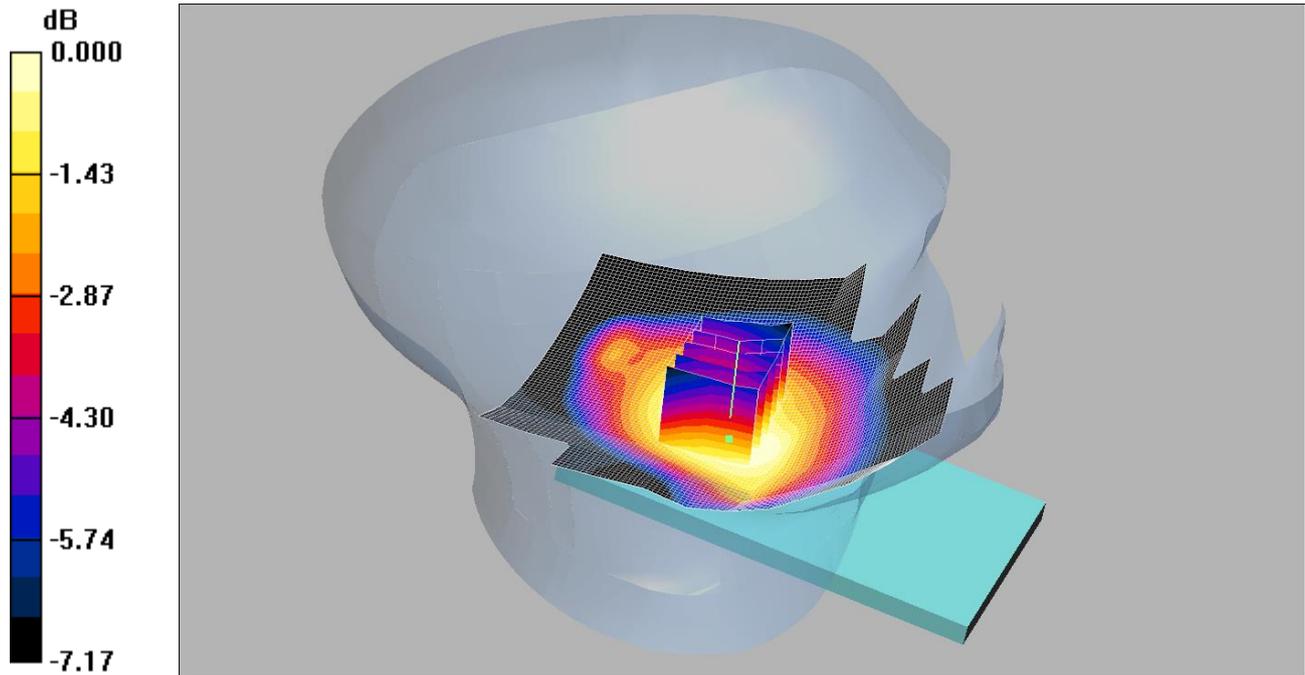
**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.094 mW/g

054: Tilt Left LTE Band 17 50%RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.080mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.856$  mho/m;  $\epsilon_r = 44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Tilt Left - Middle/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

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

Reference Value = 6.92 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.089 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.061 mW/g**

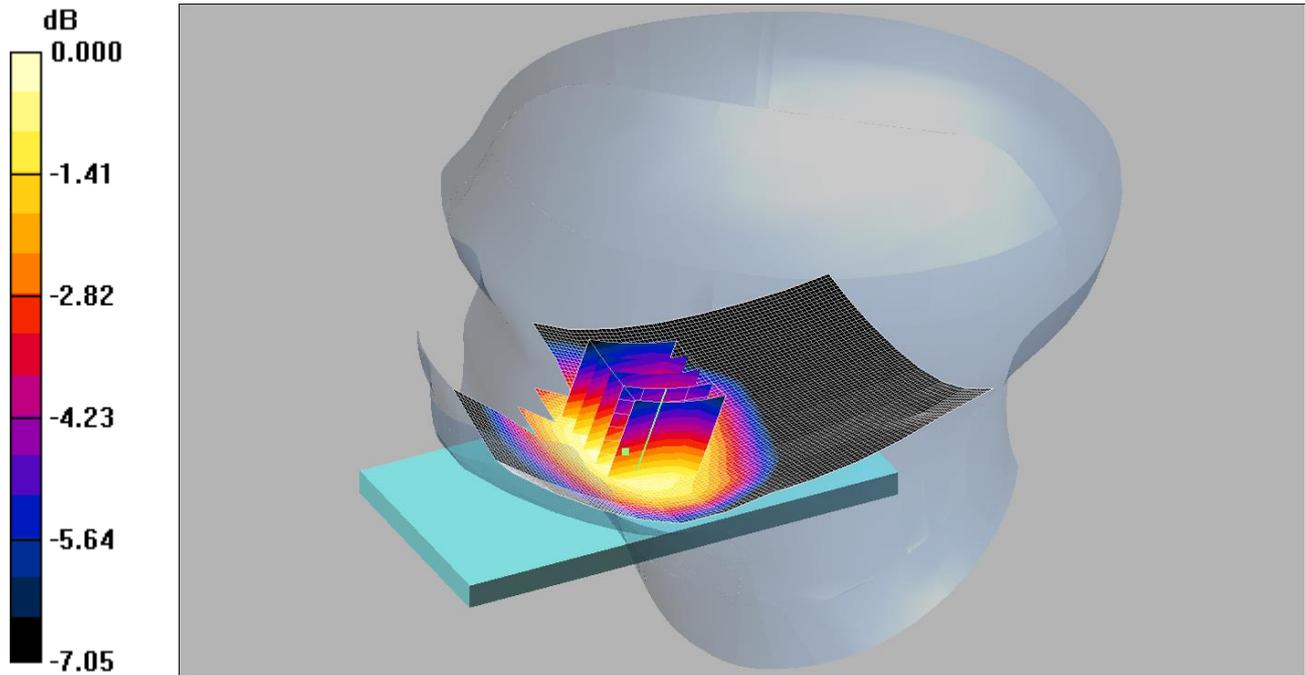
Maximum value of SAR (measured) = 0.080 mW/g

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

055: Touch Right LTE Band 17 1RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.194mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated): f = 710 MHz;  $\sigma = 0.856$  mho/m;  $\epsilon_r = 44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

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

Maximum value of SAR (interpolated) = 0.196 mW/g

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

Reference Value = 3.40 V/m; Power Drift = 0.611 dB

Peak SAR (extrapolated) = 0.220 W/kg

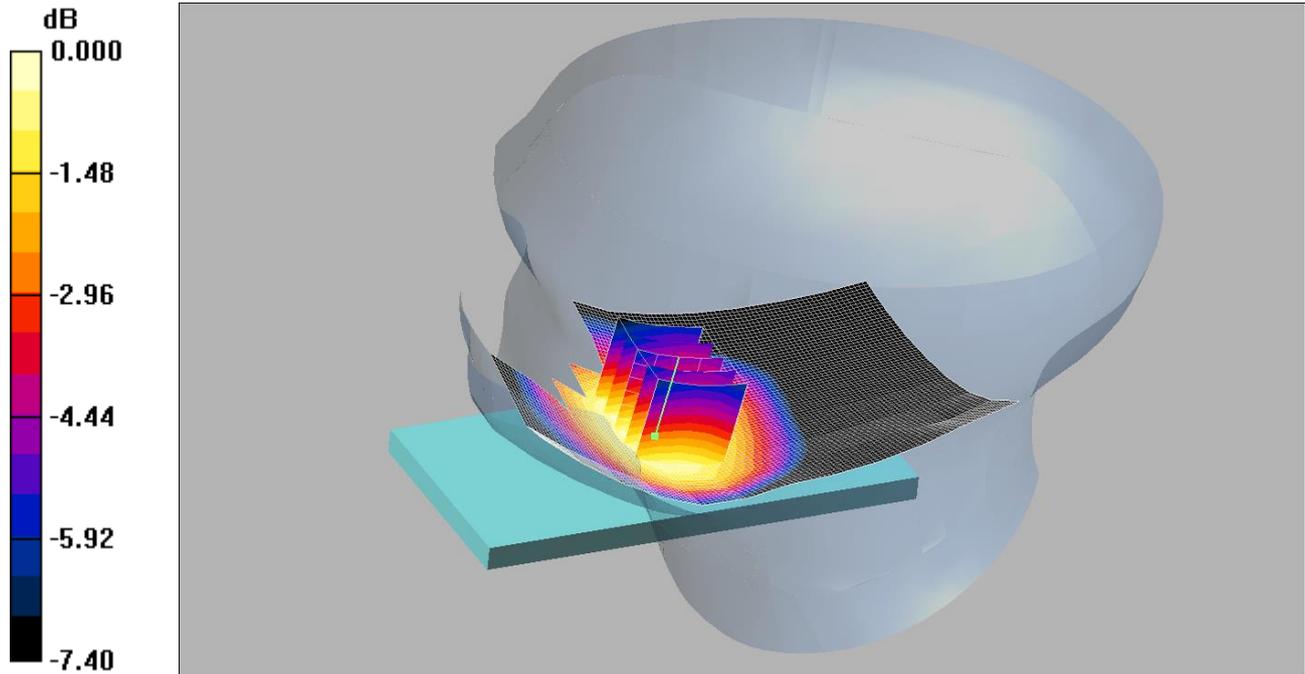
**SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g

056: Touch Right LTE Band 17 50%RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.160mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.856 \text{ mho/m}$ ;  $\epsilon_r = 44$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Touch Right - Middle 2/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.161 mW/g

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

Reference Value = 13.7 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.181 W/kg

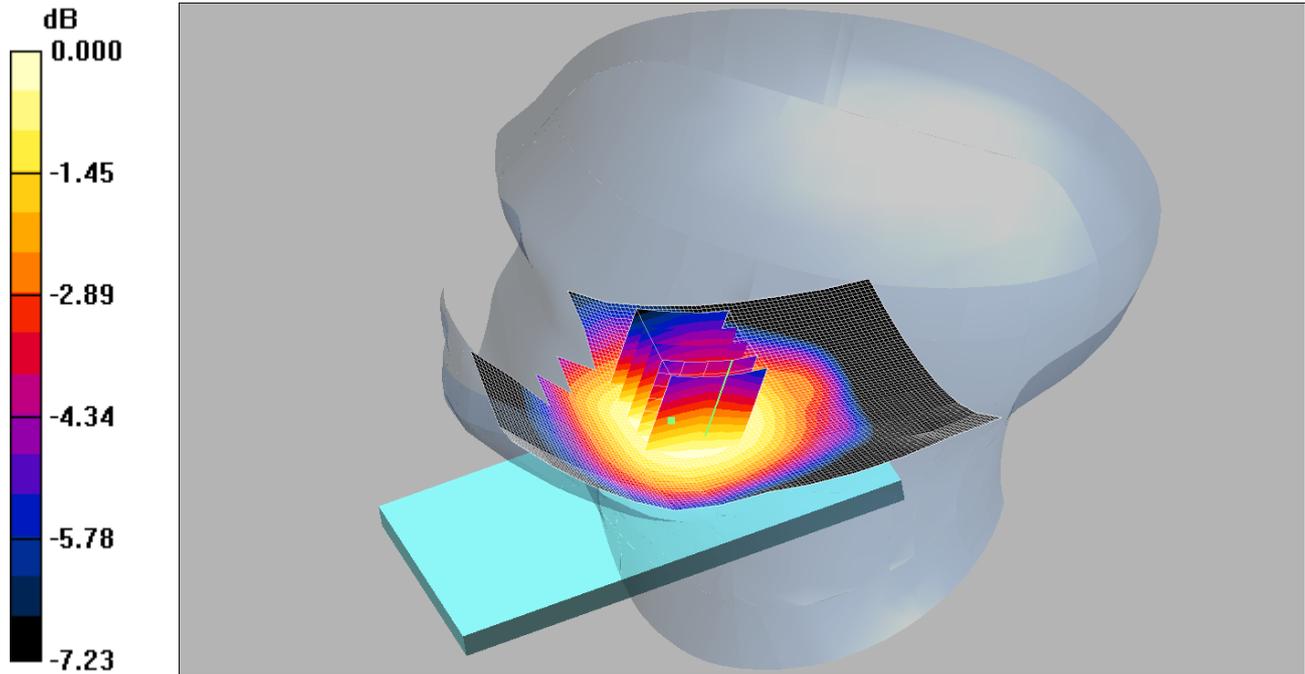
**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g

057: Tilt Right LTE Band 17 1RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.080mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
 Medium: 750MHz Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.856 \text{ mho/m}$ ;  $\epsilon_r = 44$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Tilt Right - Middle/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.082 mW/g

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

Reference Value = 5.89 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.089 W/kg

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.063 mW/g**

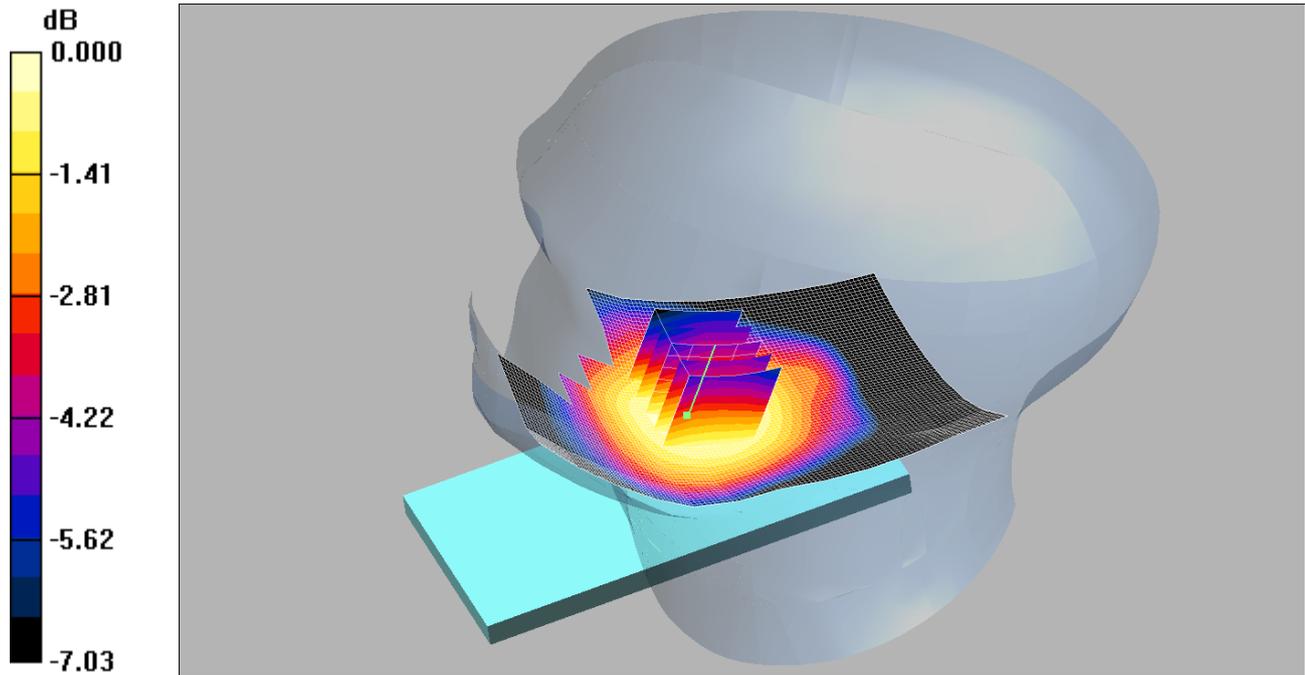
Maximum value of SAR (measured) = 0.080 mW/g

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

058: Tilt Right LTE Band 17 50%RB Low CH23790

Date: 25/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.067mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750MHz Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.856 \text{ mho/m}$ ;  $\epsilon_r = 44$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.33, 6.33, 6.33);
- 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

**Tilt Right - Middle/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.067 mW/g

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

Reference Value = 8.81 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.075 W/kg

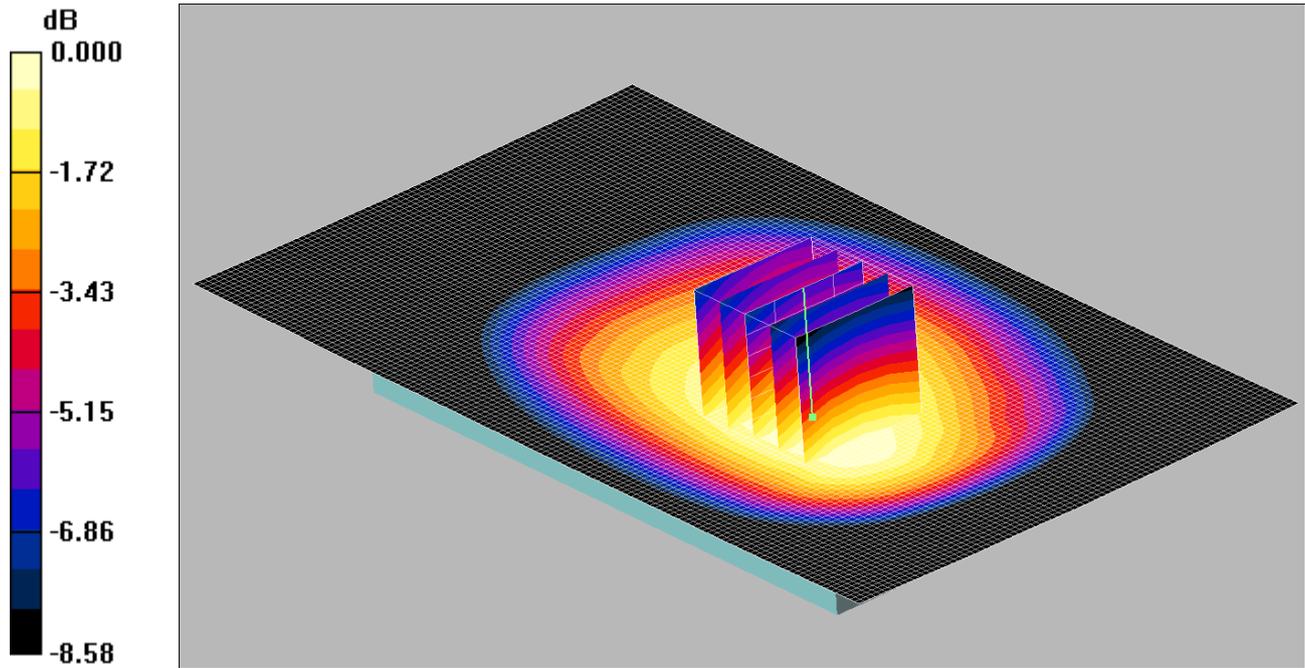
**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.067 mW/g

059: Front of EUT Facing Phantom LTE Band 17 1RB Low CH23790

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.280mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

Front of EUT Facing Phantom -Middle 2/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.283 mW/g

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

Reference Value = 15.8 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.325 W/kg

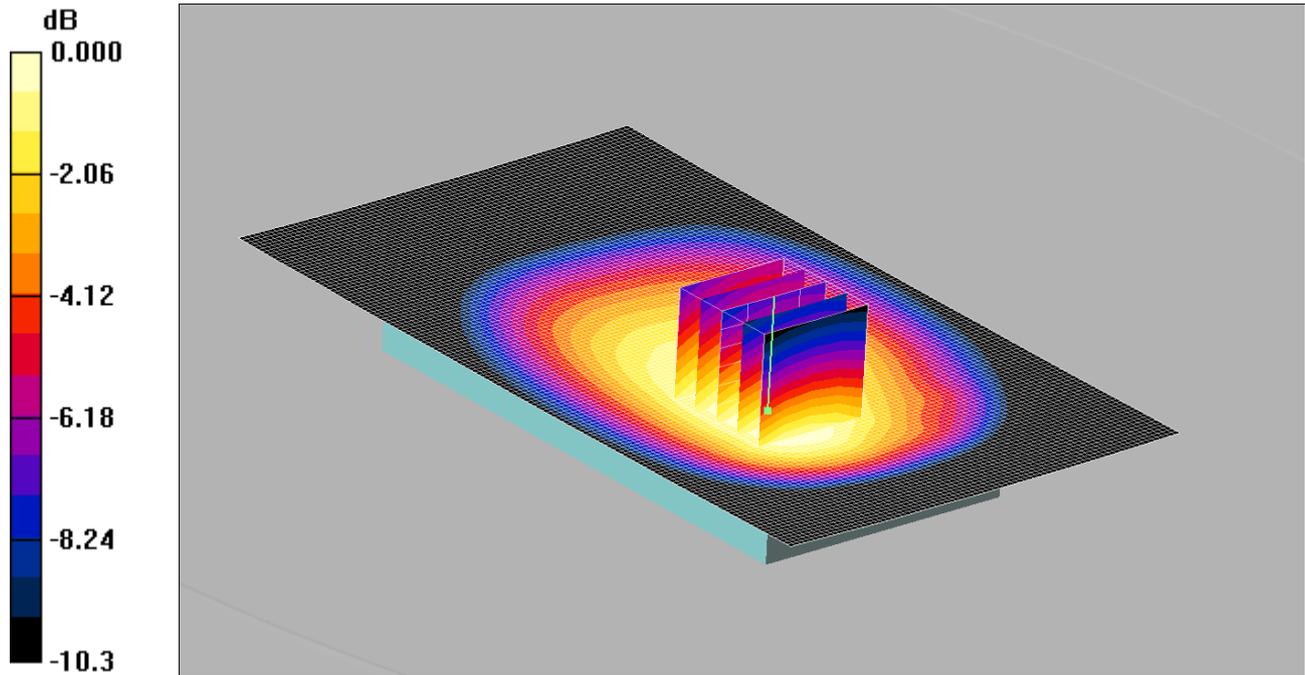
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.280 mW/g

060: Front of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.264mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);
- 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

**Front of EUT Facing Phantom -Middle 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

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

Reference Value = 14.7 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.312 W/kg

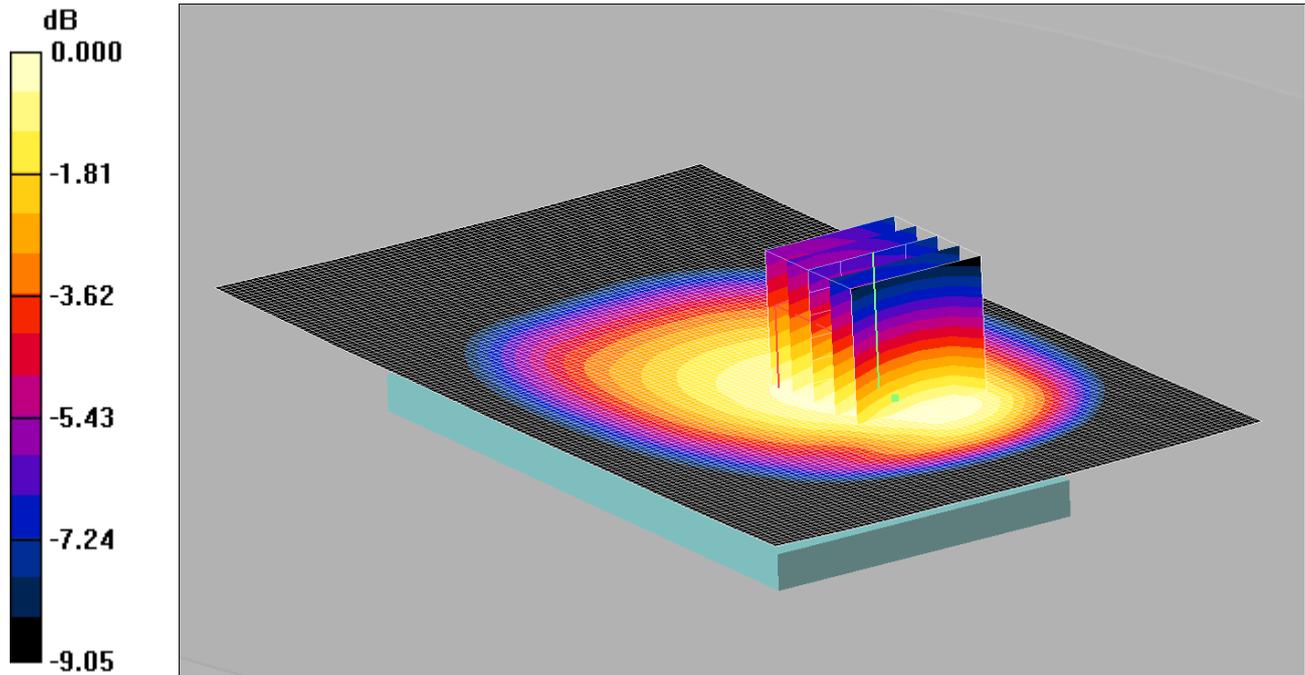
**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 0.264 mW/g

061: Back of EUT Facing Phantom LTE Band 17 1RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.323mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Back of EUT Facing Phantom -Middle 2/Area Scan 2 (81x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.325 mW/g

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

Reference Value = 16.3 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.393 W/kg

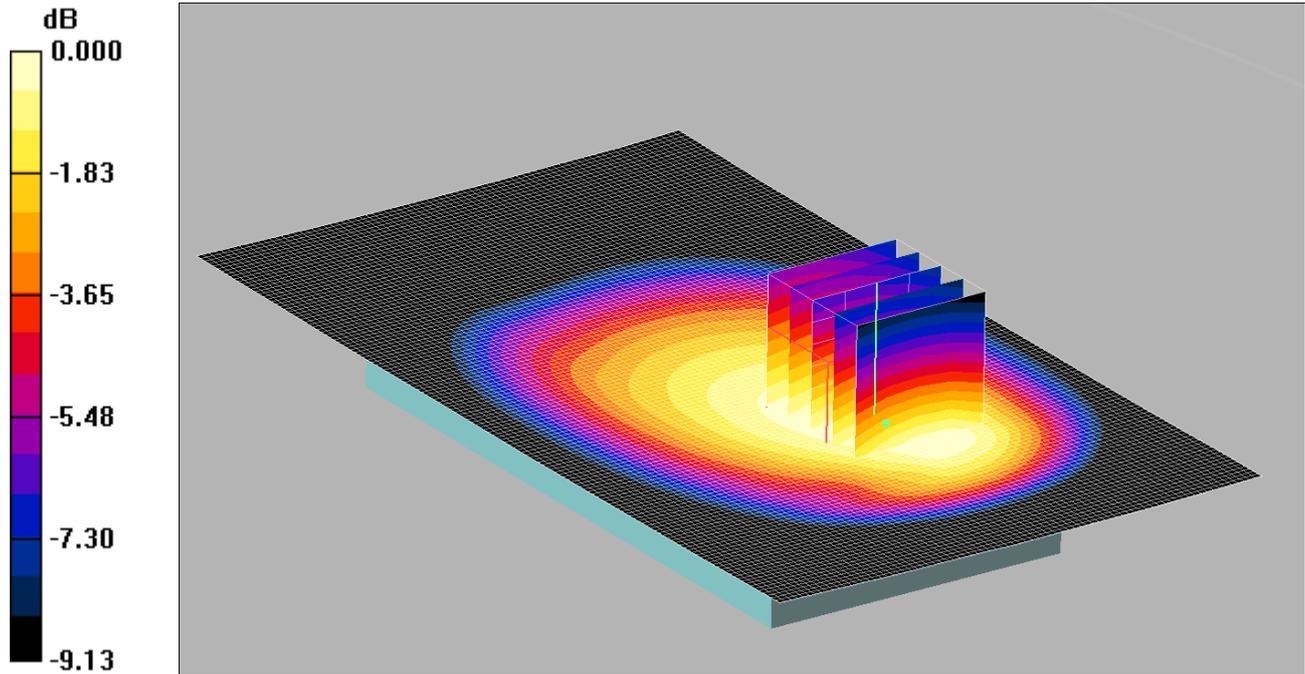
**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.323 mW/g

062: Back of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.266mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Back of EUT Facing Phantom -Middle 2/Area Scan 2 (81x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.265 mW/g

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

Reference Value = 14.9 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.323 W/kg

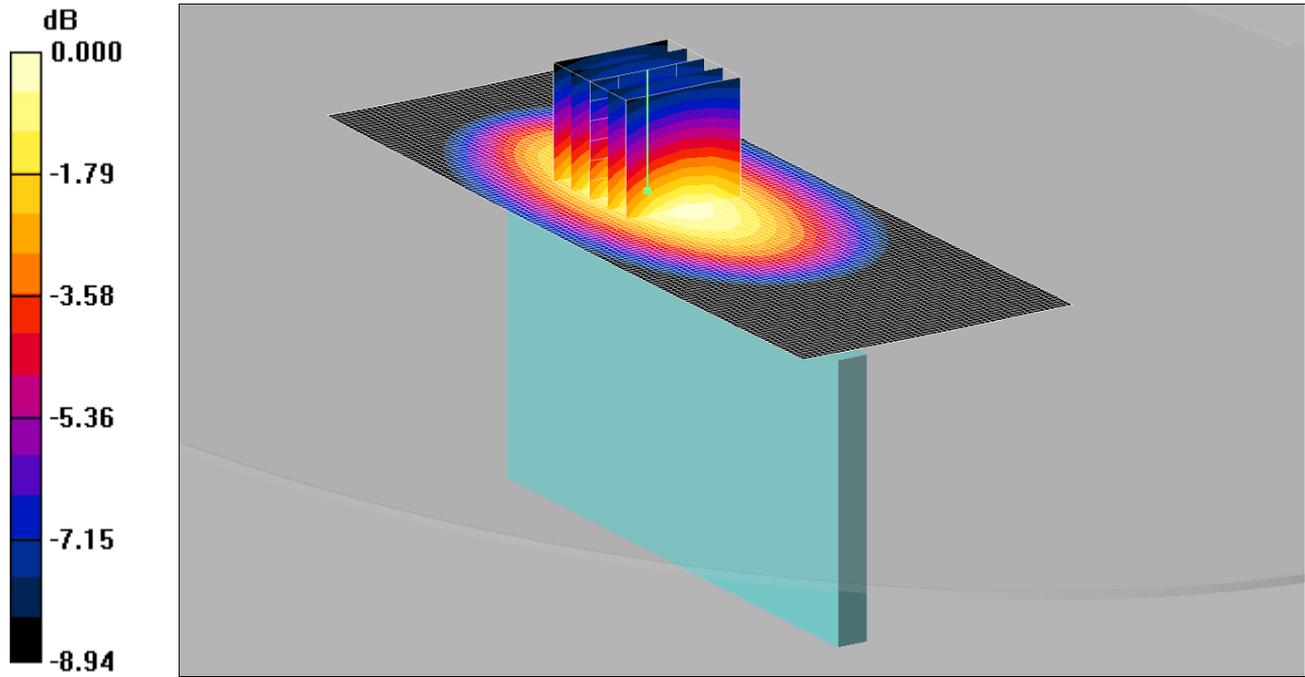
**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.266 mW/g

063: Left Hand Side of EUT Facing Phantom LTE Band 17 1RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.178mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Left Hand Side of EUT Facing Phantom -Middle 2/Area Scan 2 (51x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.176 mW/g

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

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

Reference Value = 14.3 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.227 W/kg

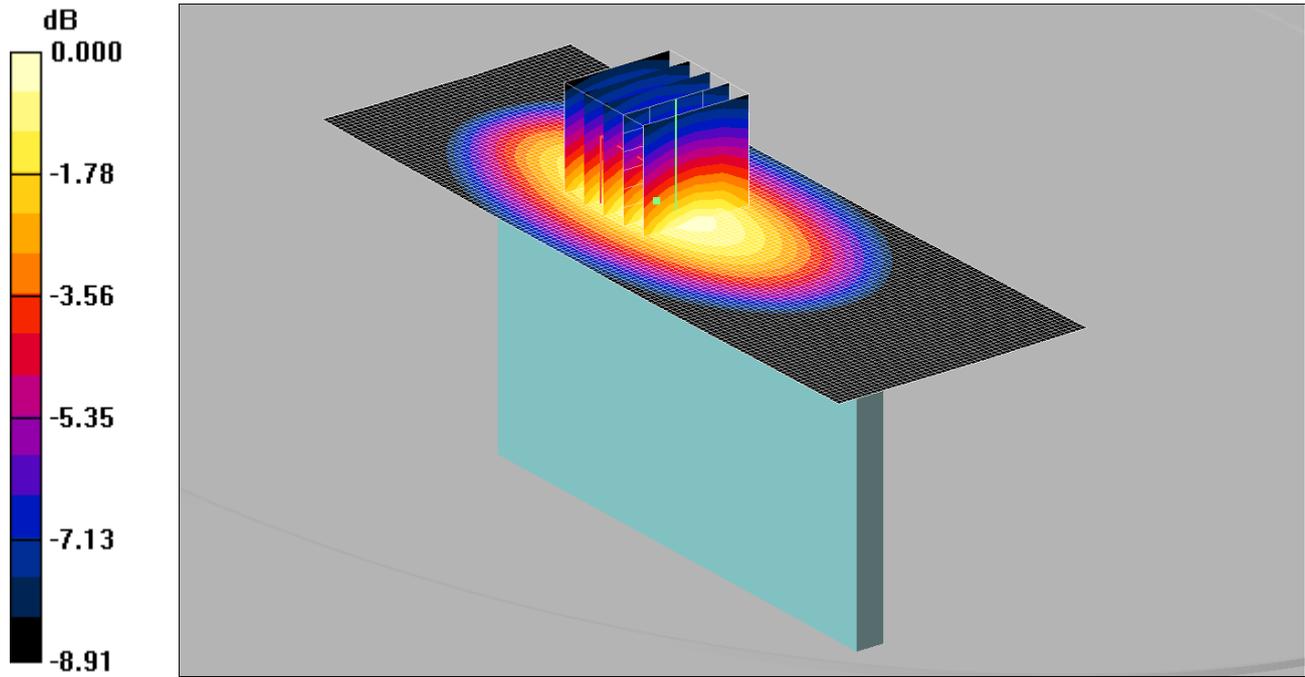
**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.178 mW/g

064: Left Hand Side of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.156mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Left Hand Side of EUT Facing Phantom -Middle 2/Area Scan 2 (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g

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

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

Reference Value = 13.2 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.199 W/kg

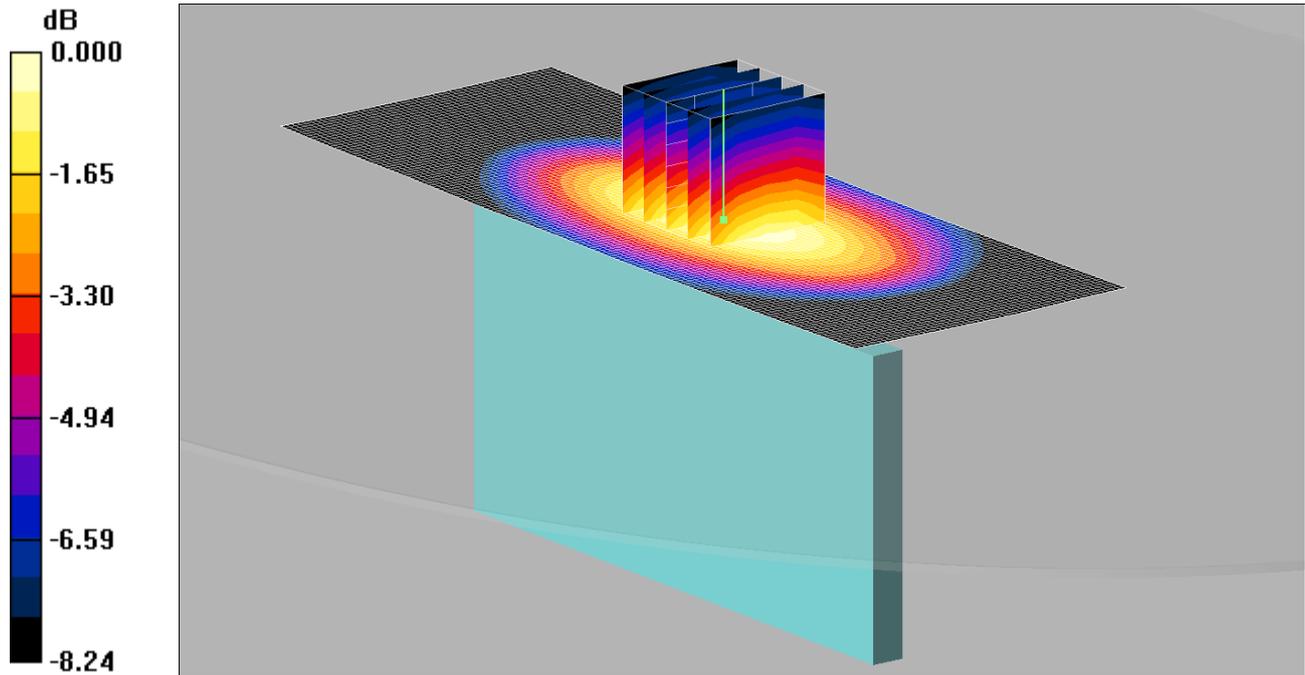
**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.156 mW/g

065: Right Hand Side of EUT Facing Phantom LTE Band 17 1RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.149mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Right Hand Side of EUT Facing Phantom -Middle 2/Area Scan 2 (51x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.150 mW/g

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

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

Reference Value = 13.2 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.192 W/kg

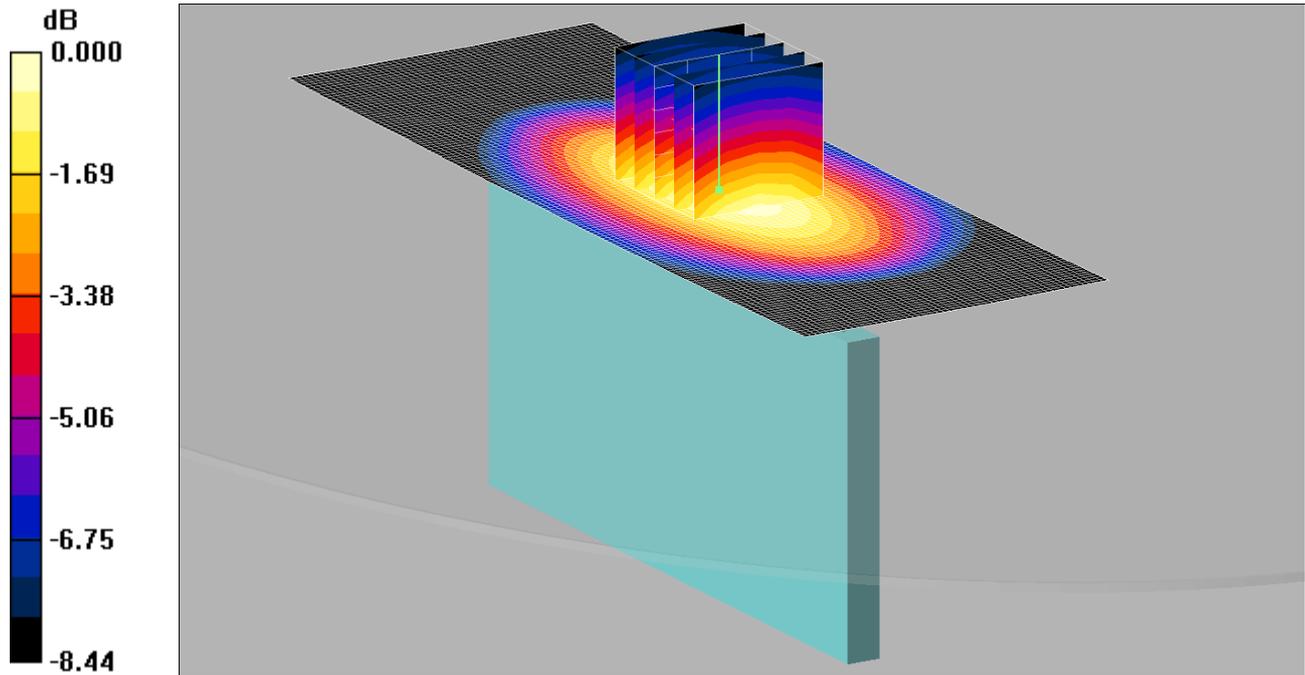
**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.101 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g

066: Right Hand Side of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.133mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Right Hand Side of EUT Facing Phantom -Middle 2/Area Scan 2 (51x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.131 mW/g

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

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

Reference Value = 12.2 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.166 W/kg

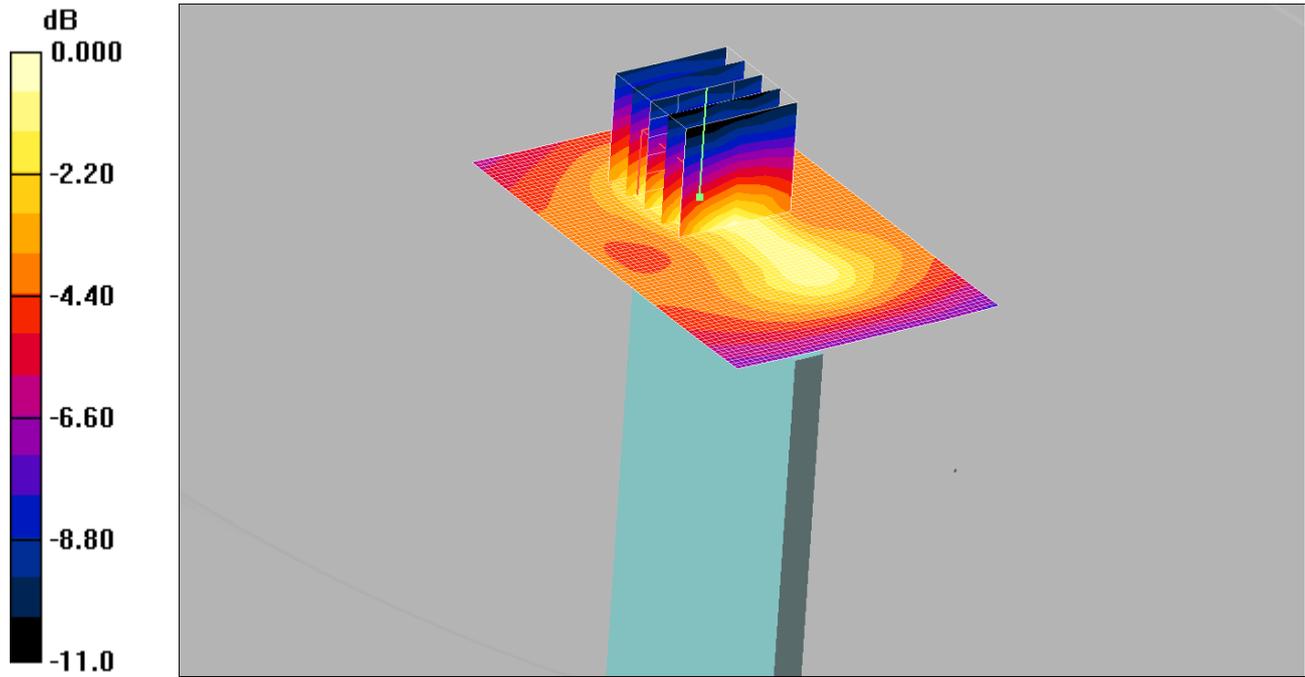
**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.133 mW/g

067: Bottom of EUT Facing Phantom LTE Band 17 1RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.040mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Bottom of EUT Facing Phantom -Middle 2/Area Scan 2 (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.036 mW/g

**Bottom of EUT Facing Phantom -Middle 2/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.41 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.061 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.022 mW/g**

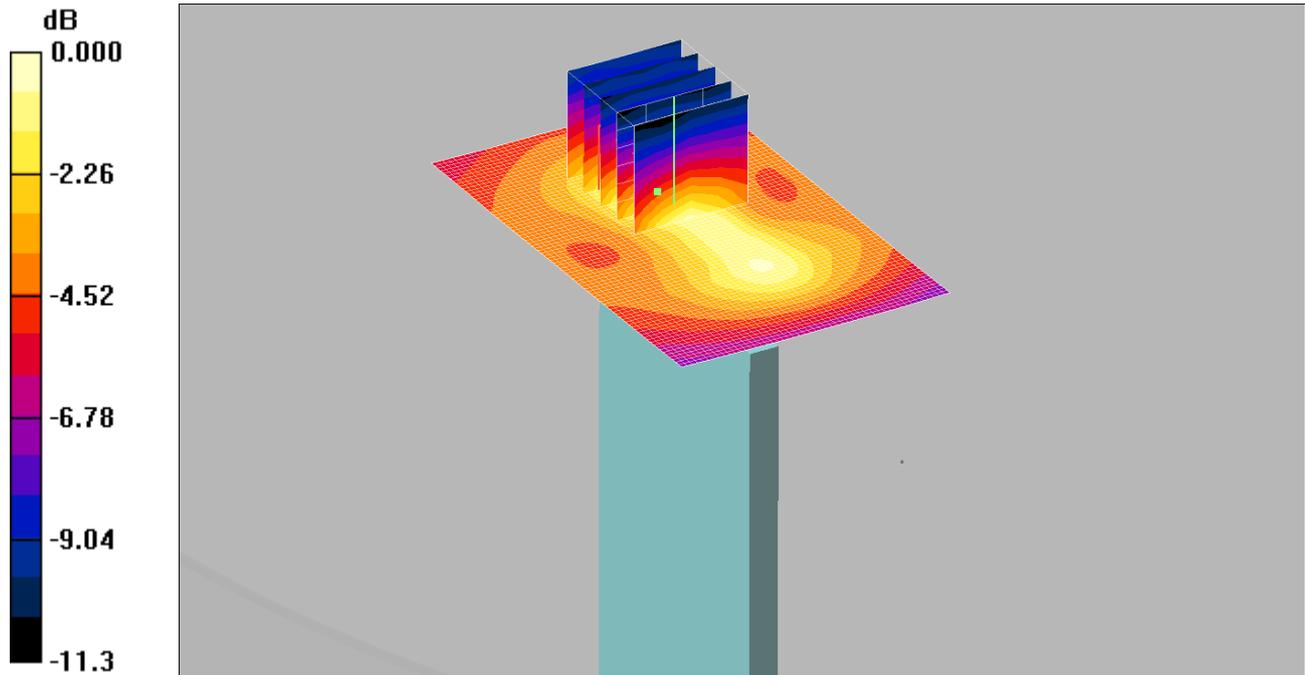
Maximum value of SAR (measured) = 0.040 mW/g

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

068: Bottom of EUT Facing Phantom LTE Band 17 50%RB Low CH23790

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.033mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: 750 MHz MSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(6.2, 6.2, 6.2);

- 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

**Bottom of EUT Facing Phantom -Middle 2/Area Scan 2 (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.030 mW/g

**Bottom of EUT Facing Phantom -Middle 2/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.67 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.051 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.018 mW/g**

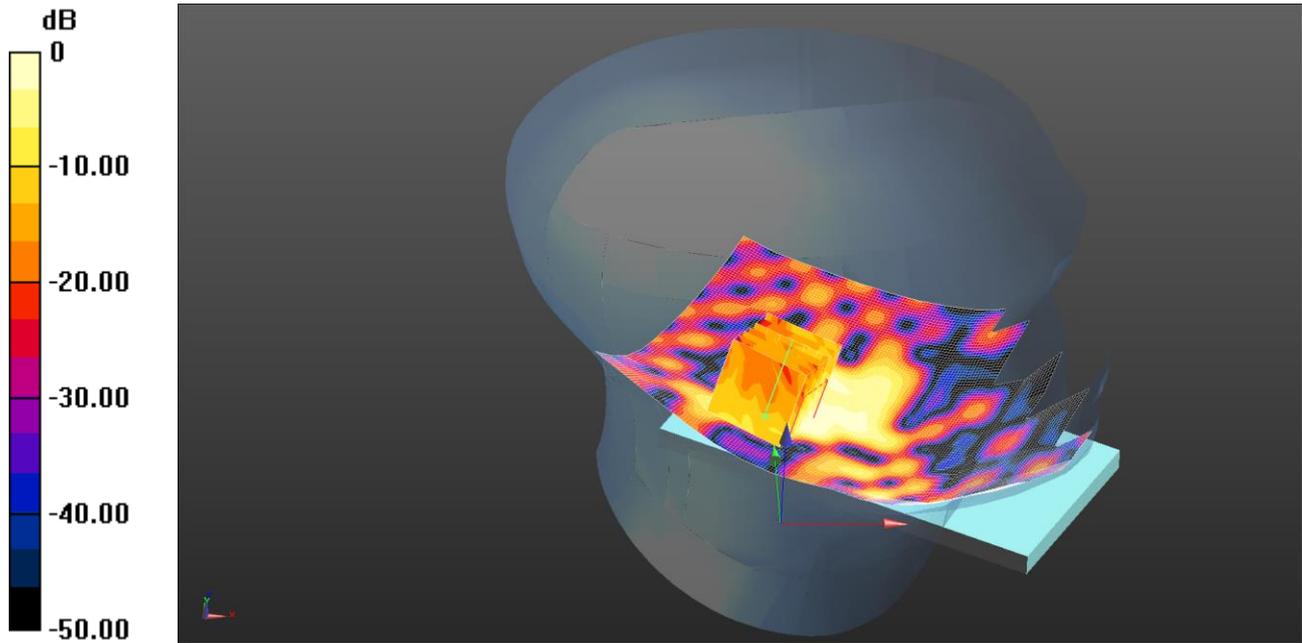
Maximum value of SAR (measured) = 0.033 mW/g

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

069: Touch Left Wi-Fi 802.11b 1Mbps CH6

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.139 W/kg = -8.57 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 39.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;

- 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/Touch Left - Middle 2 2/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 7.223 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 0.256 W/kg

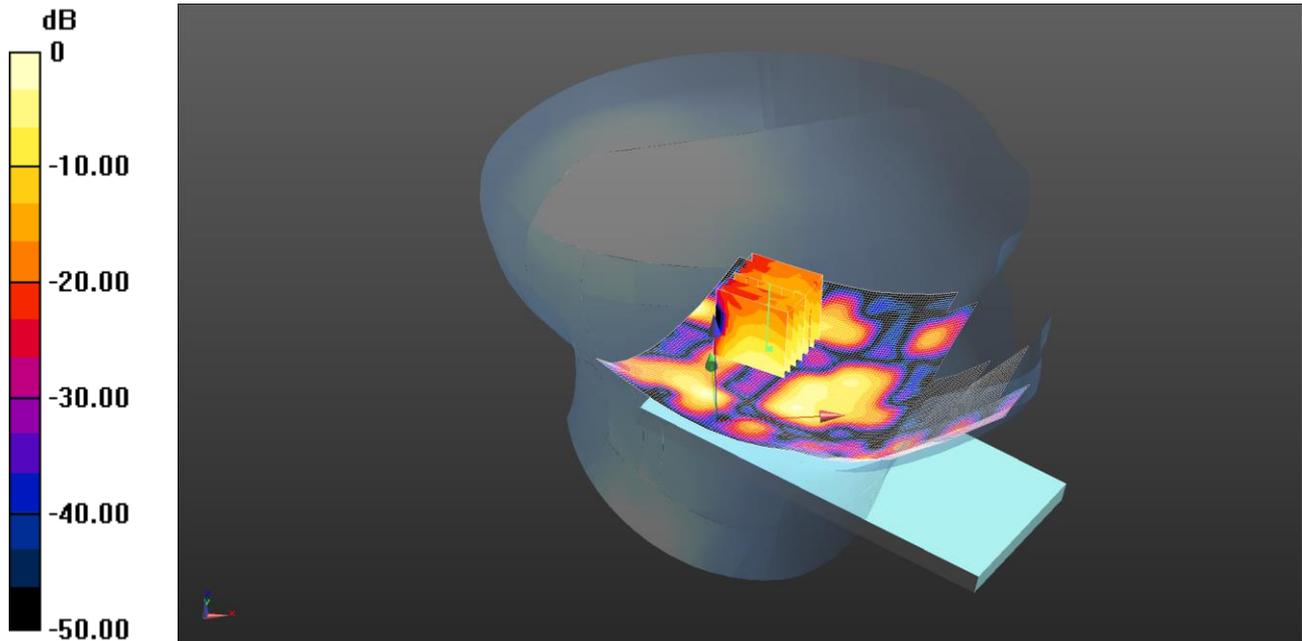
**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.139 W/kg

070: Tilt Left Wi-Fi 802.11b 1Mbps CH6

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.102 W/kg = -9.91 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 39.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- 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/Tilt Left - Middle 2 2/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

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

Reference Value = 7.475 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.178 W/kg

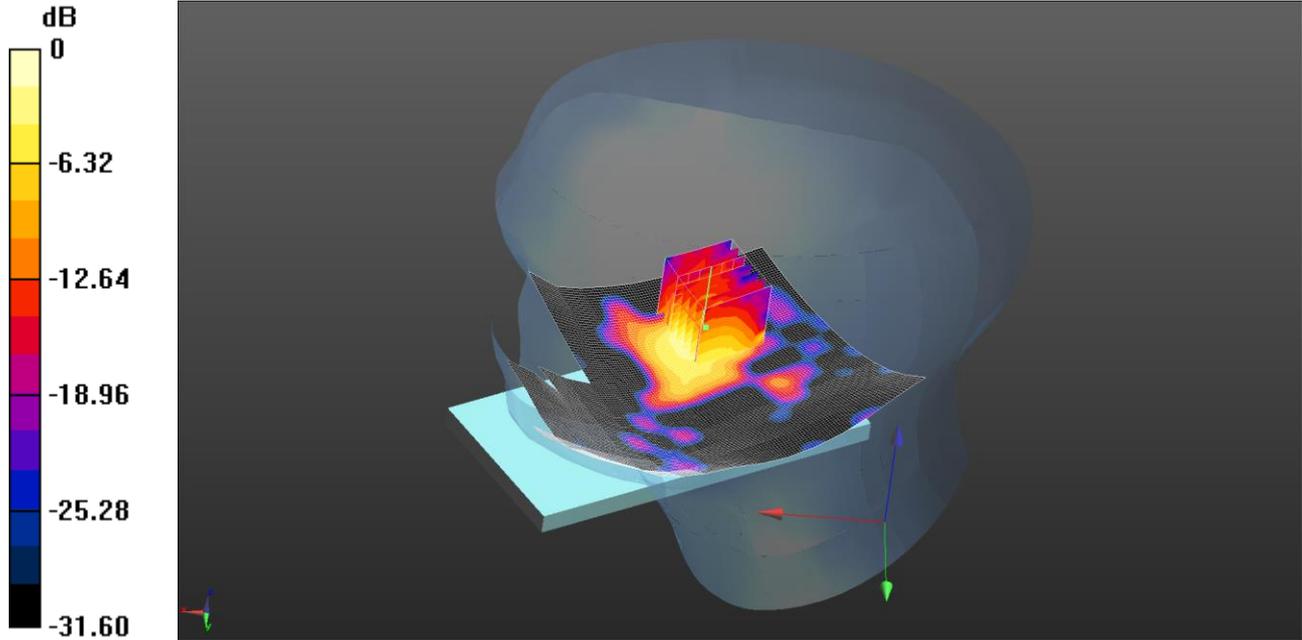
**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.102 W/kg

071: Touch Right Wi-Fi 802.11b 1Mbps CH6

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.433 W/kg = -3.64 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 39.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- 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/Touch Right - Middle/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 15.104 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.600 W/kg

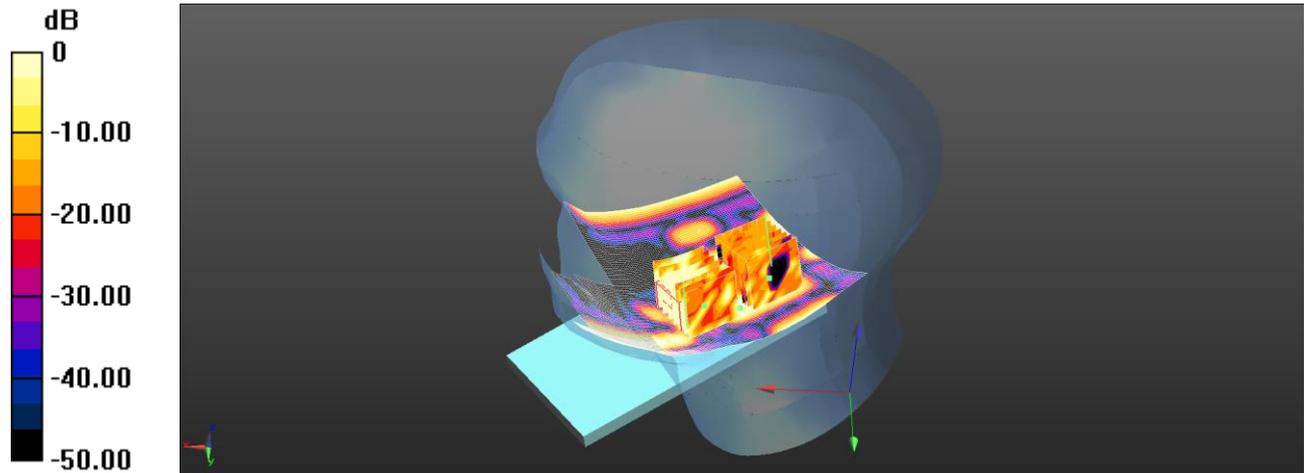
**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.177 W/kg**

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

072: Tilt Right Wi-Fi 802.11b 1Mbps CH6

Date: 23/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 39.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- 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/Tilt Right - Middle 2/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

**Configuration/Tilt Right - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.281 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.736 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.213 W/kg**

Maximum value of SAR (measured) = 0.297 W/kg

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

Reference Value = 12.281 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.117 W/kg**

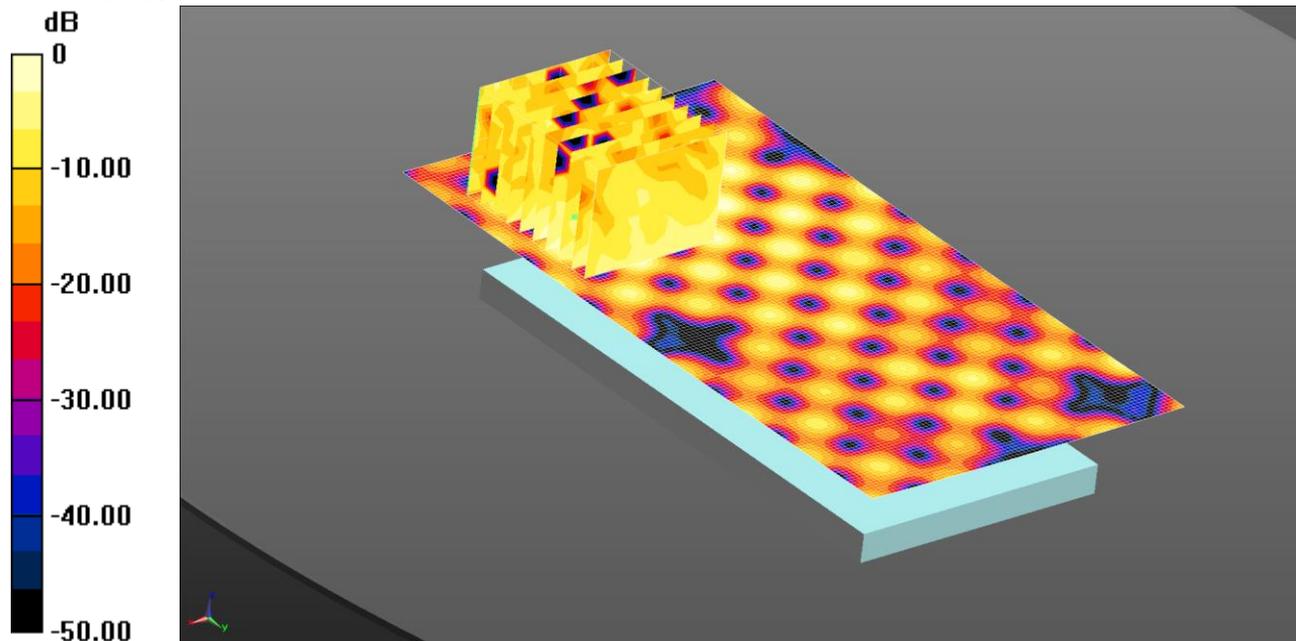
Maximum value of SAR (measured) = 0.304 W/kg

**Note: DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.**

073: Front of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.0201 W/kg = -16.97 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- 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/Front of EUT Facing Phantom - Middle/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0201 W/kg

**Configuration/Front of EUT Facing Phantom - Middle/Zoom Scan (7x7x7) 2 (9x10x7)/Cube 0:** Measurement grid:

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

Reference Value = 3.531 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00829 W/kg**

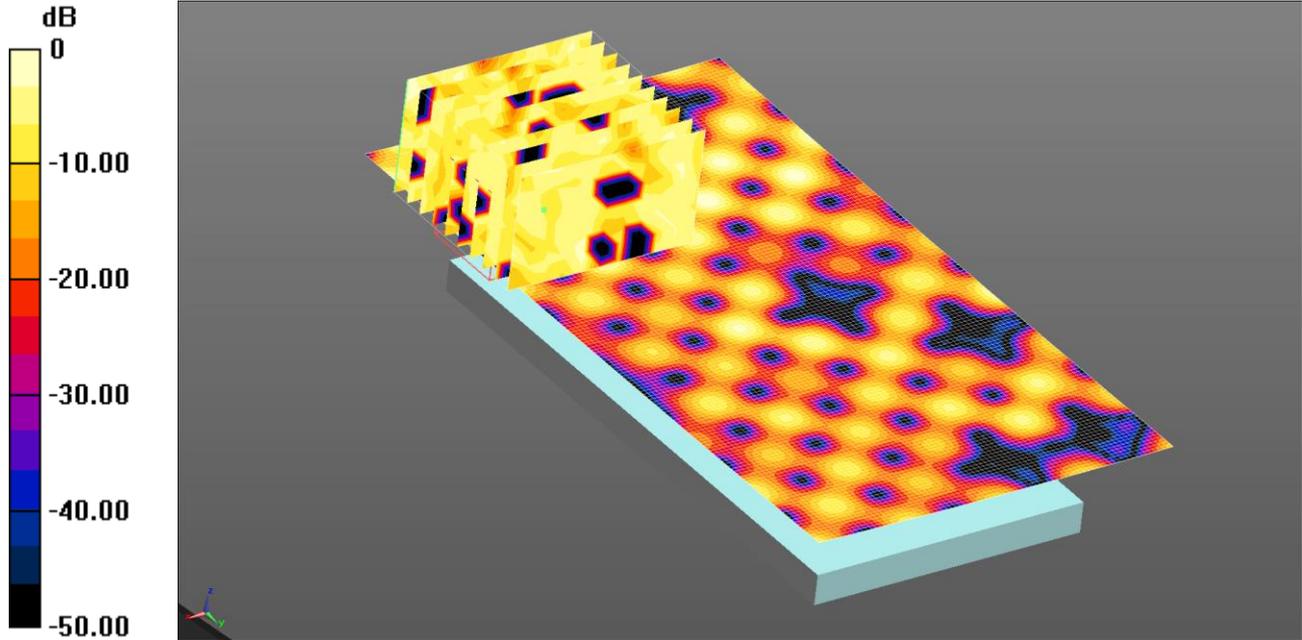
Maximum value of SAR (measured) = 0.0321 W/kg

**Note: SAR level measured is very low as equivalent to noise floor. DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.**

074: Back of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.00836 W/kg = -20.78 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- 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/Back of EUT Facing Phantom - Middle/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00836 W/kg

**Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (7x7x7) 2 (11x10x7)/Cube 0:** Measurement grid:

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

Reference Value = 2.479 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.00443 W/kg; SAR(10 g) = 0.00119 W/kg**

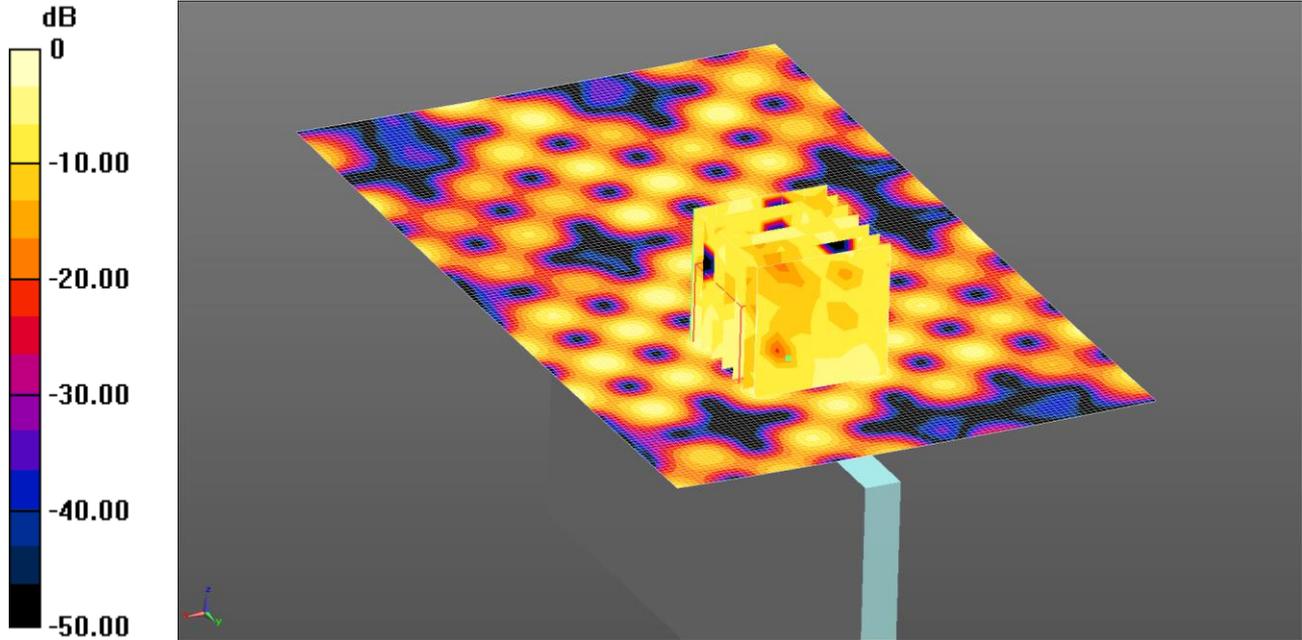
Maximum value of SAR (measured) = 0.0109 W/kg

**Note: SAR level measured is very low as equivalent to noise floor. DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.**

075: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6

Date: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.00882 W/kg = -20.55 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- 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/Left Hand Side of EUT Facing Phantom Hotspot - Middle 2/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00882 W/kg

**Configuration/Left Hand Side of EUT Facing Phantom Hotspot - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:**

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

Reference Value = 2.161 V/m; Power Drift = -0.32 dB

Peak SAR (extrapolated) = 0.0530 W/kg

**SAR(1 g) = 0.00854 W/kg; SAR(10 g) = 0.00343 W/kg**

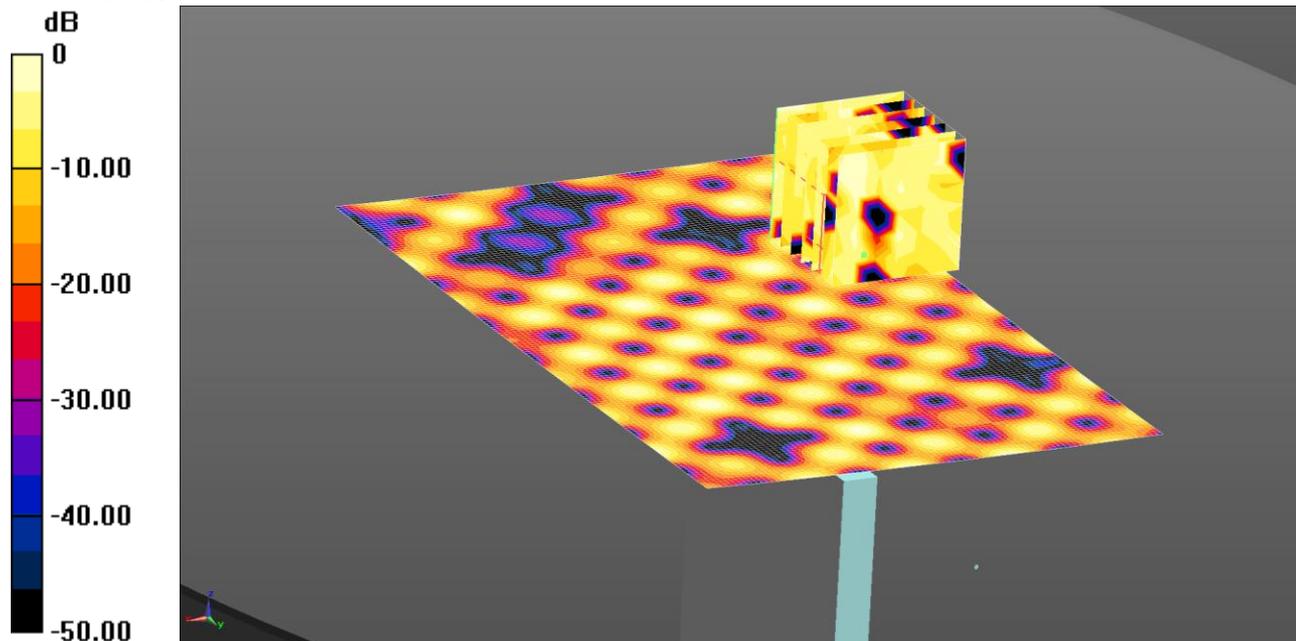
Maximum value of SAR (measured) = 0.0182 W/kg

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

076: Top Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6

Date/Time: 24/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.00563 W/kg = -22.50 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- 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/Top Hand Side of EUT Facing Phantom Hotspot - Middle 2/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00563 W/kg

**Configuration/Top Hand Side of EUT Facing Phantom Hotspot - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:**

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

Reference Value = 1.693 V/m; Power Drift = -1.80 dB

Peak SAR (extrapolated) = 0.0150 W/kg

**SAR(1 g) = 0.00221 W/kg; SAR(10 g) = 0.000731 W/kg**

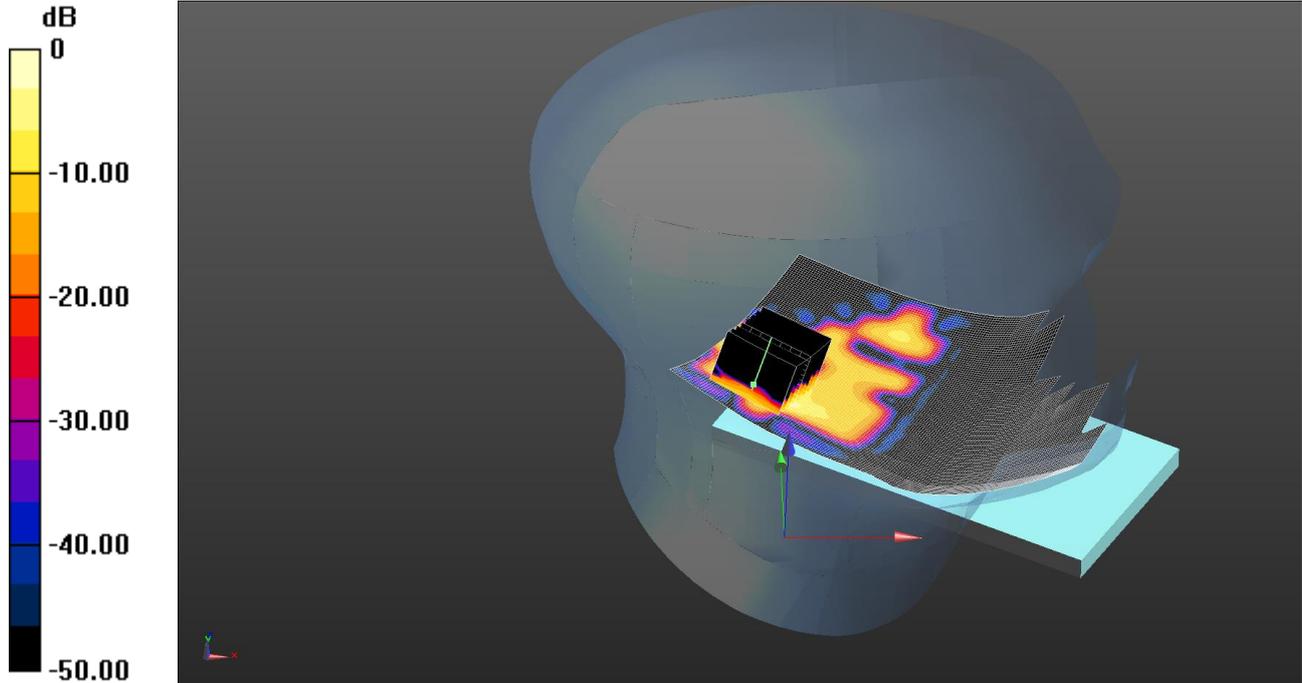
Maximum value of SAR (measured) = 0.0100 W/kg

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

077: Touch Left WLAN 802.11a 6Mbps CH48

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.375 W/kg = -4.26 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;  $\sigma = 4.83$  S/m;  $\epsilon_r = 35.19$ ;  $\rho = 1000$  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) = 0.277 W/kg

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

Reference Value = 6.446 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.673 W/kg

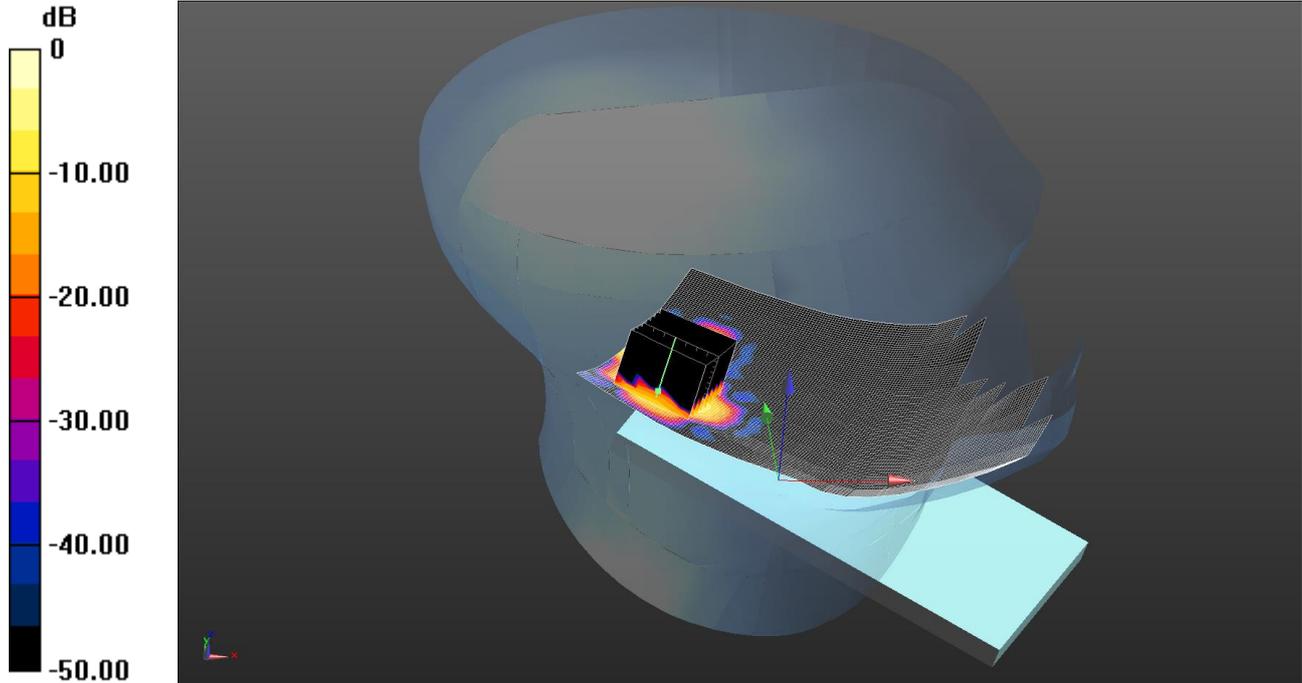
**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.054 W/kg**

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

078: Tilt Left WLAN 802.11a 6Mbps CH48

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.318 W/kg = -4.98 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;  $\sigma = 4.83$  S/m;  $\epsilon_r = 35.19$ ;  $\rho = 1000$  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) = 0.216 W/kg

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

Reference Value = 5.542 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.574 W/kg

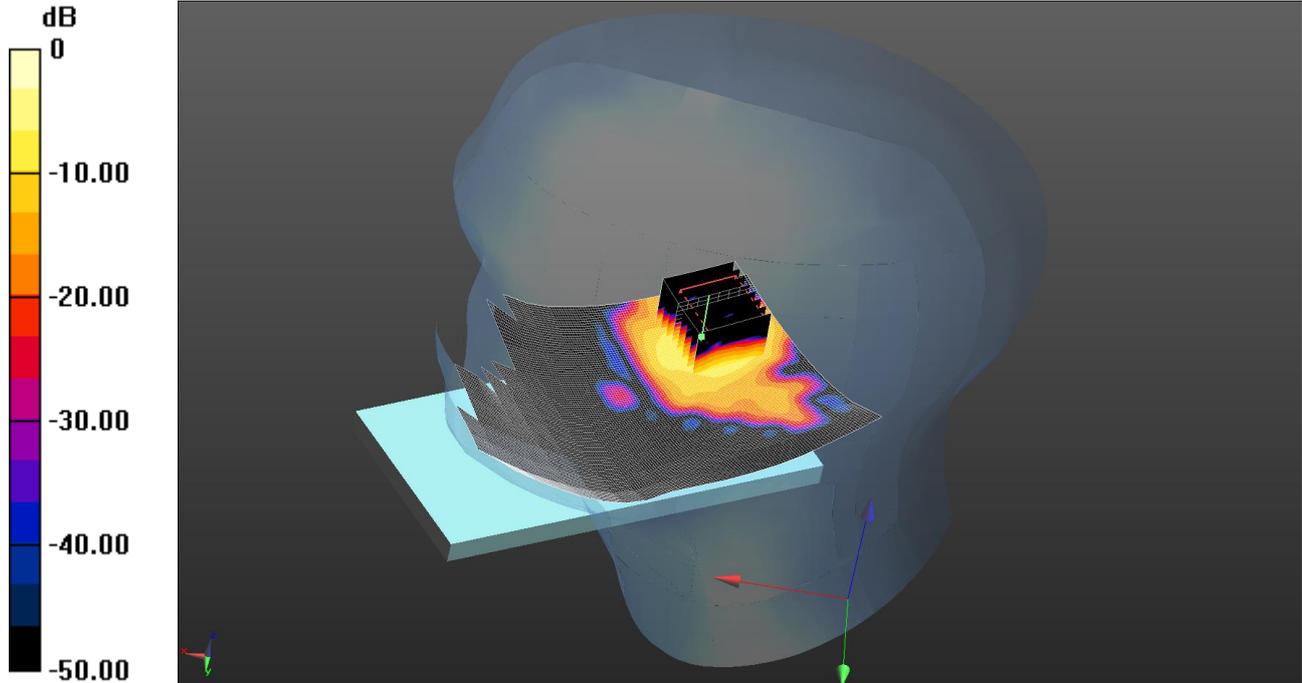
**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg

079: Touch Right WLAN 802.11a 6Mbps CH48

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 1.09 W/kg = 0.37 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;  $\sigma = 4.83$  S/m;  $\epsilon_r = 35.19$ ;  $\rho = 1000$  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) = 0.624 W/kg

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

Reference Value = 9.232 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.22 W/kg

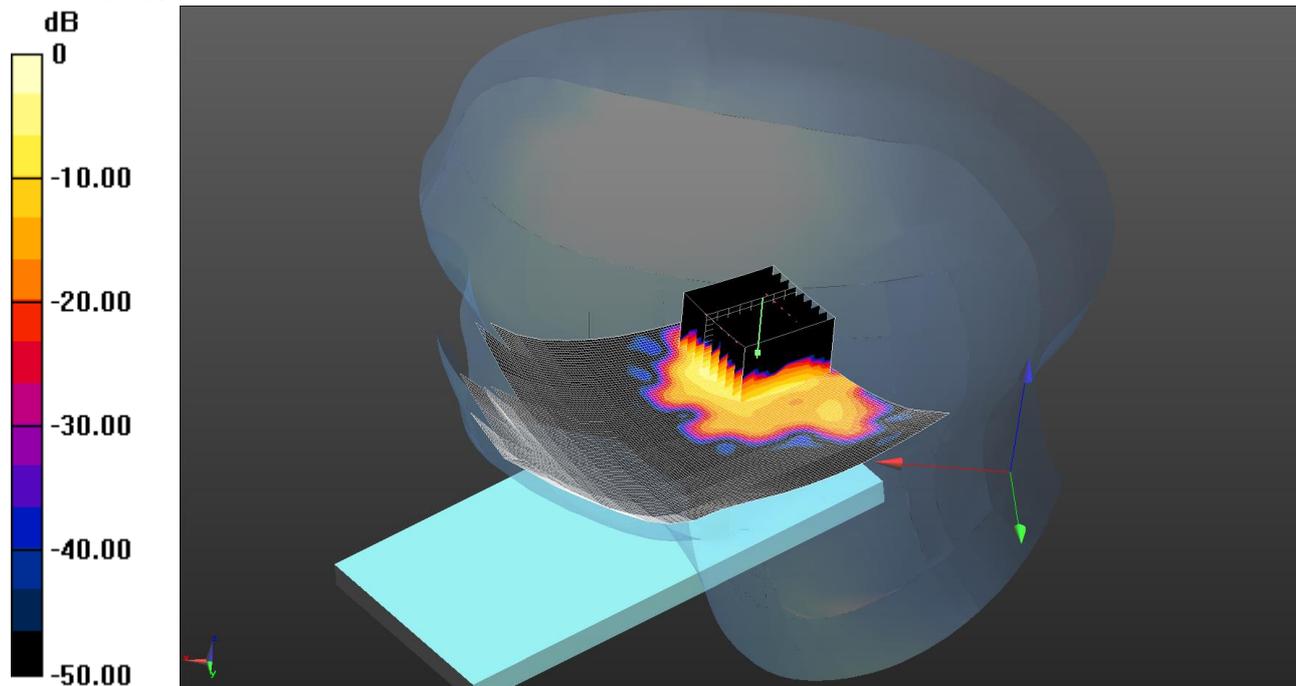
**SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.167 W/kg**

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

080: Tilt Right WLAN 802.11a 6Mbps CH48

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.556 W/kg = -2.55 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;  $\sigma = 4.83$  S/m;  $\epsilon_r = 35.19$ ;  $\rho = 1000$  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) = 0.370 W/kg

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

Reference Value = 6.670 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.57 W/kg

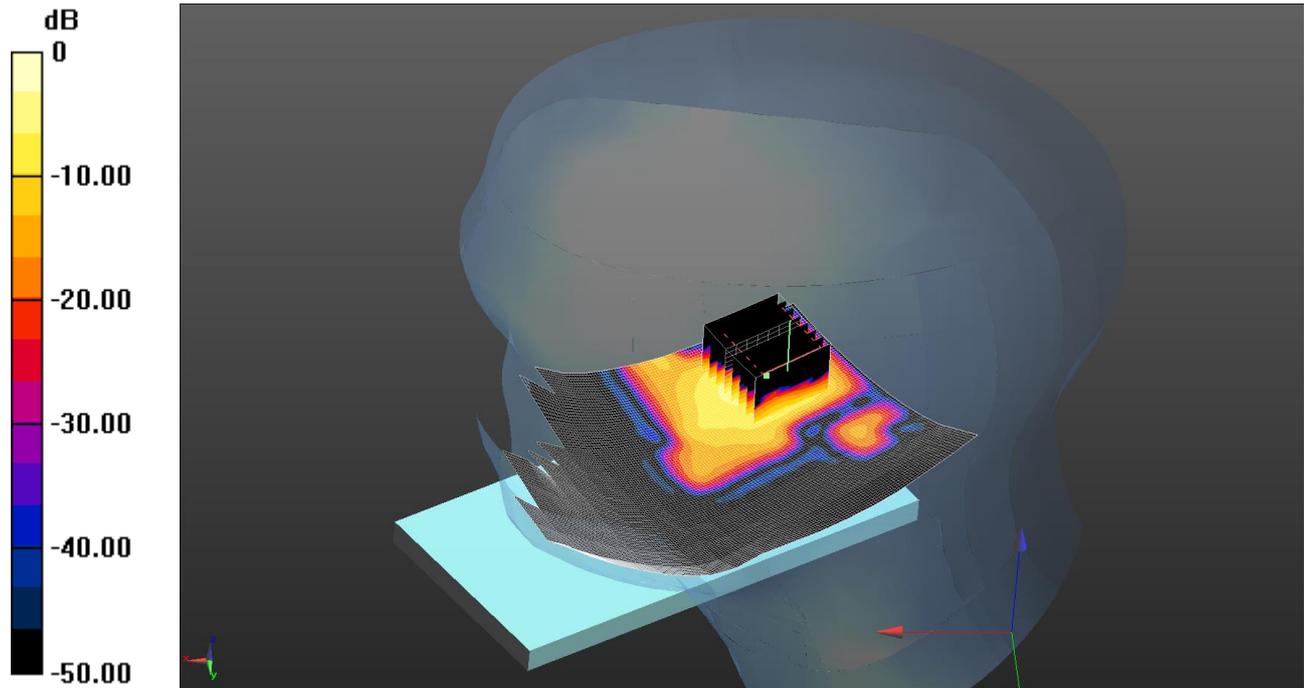
**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.556 W/kg

081: Touch Right WLAN 802.11a 6Mbps CH64

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.887 W/kg = -0.52 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 4.915$  S/m;  $\epsilon_r = 34.992$ ;  $\rho = 1000$  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) = 0.485 W/kg

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

Reference Value = 8.728 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.74 W/kg

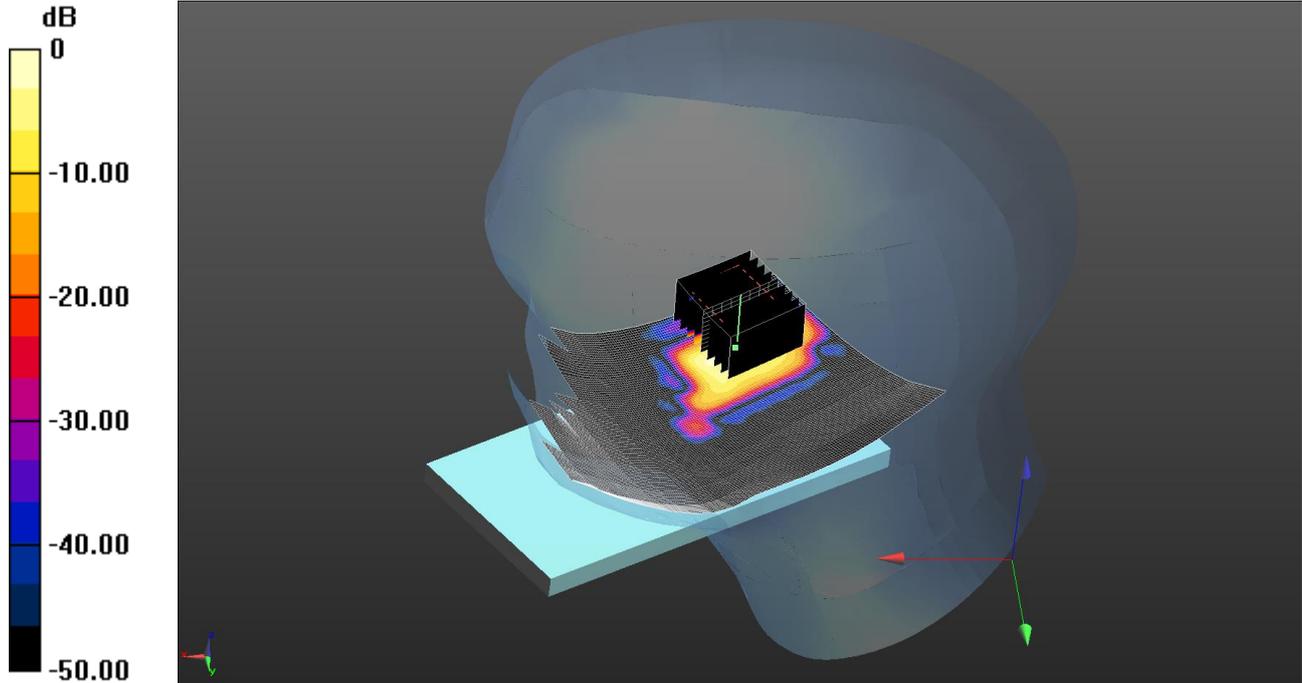
**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.887 W/kg

082: Touch Right WLAN 802.11a 6Mbps CH104

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.507 W/kg = -2.95 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5520$  MHz;  $\sigma = 5.098$  S/m;  $\epsilon_r = 34.637$ ;  $\rho = 1000$  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) = 0.347 W/kg

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

Reference Value = 5.255 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.840 W/kg

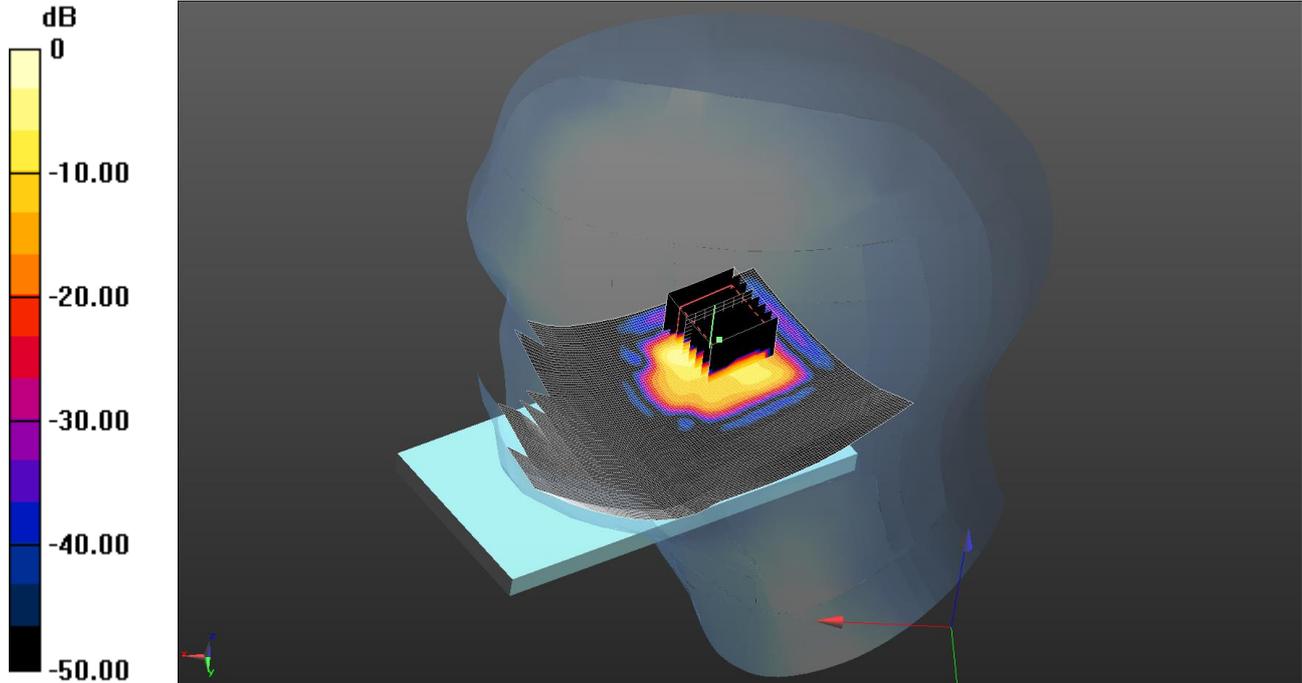
**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.507 W/kg

083: Touch Right WLAN 802.11a 6Mbps CH165

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.903 W/kg = -0.44 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 5.413$  S/m;  $\epsilon_r = 34.171$ ;  $\rho = 1000$  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) = 0.702 W/kg

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

Reference Value = 6.431 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.96 W/kg

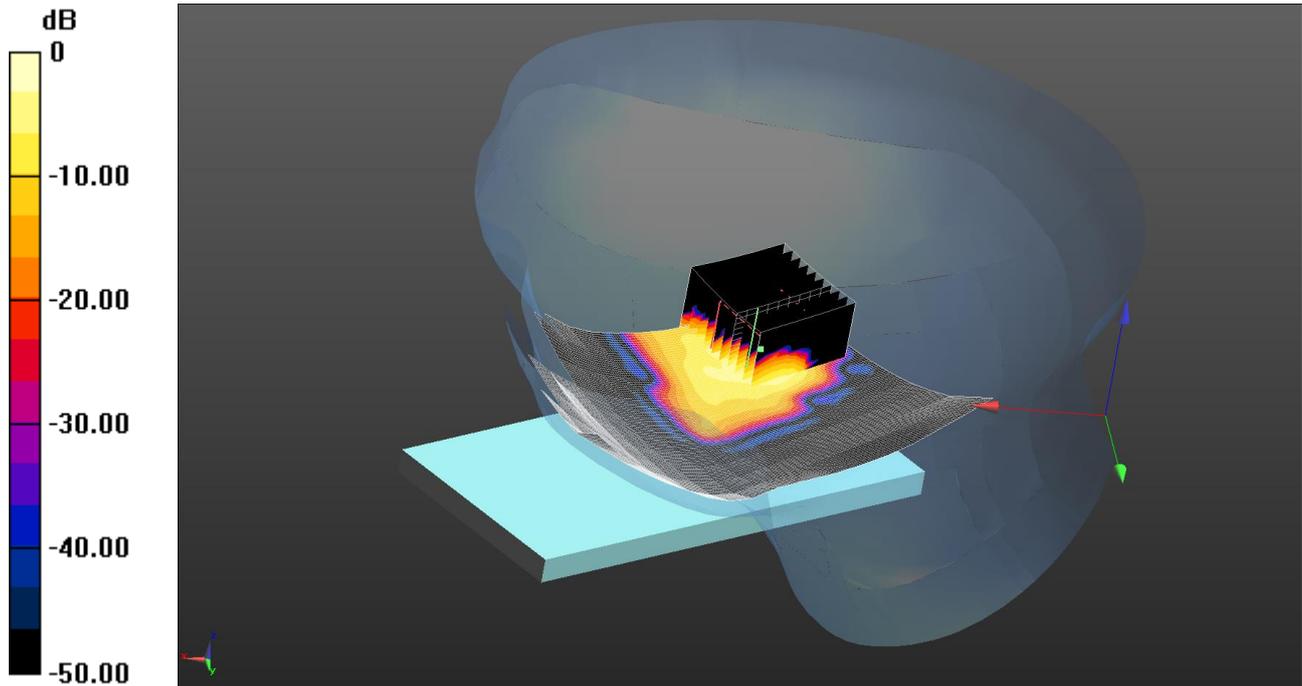
**SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg

084: Touch Right WLAN 802.11a 13.5Mbps CH38

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.808 W/kg = -0.93 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;  $\sigma = 4.767$  S/m;  $\epsilon_r = 35.322$ ;  $\rho = 1000$  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) = 0.489 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (10x10x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.127 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.68 W/kg

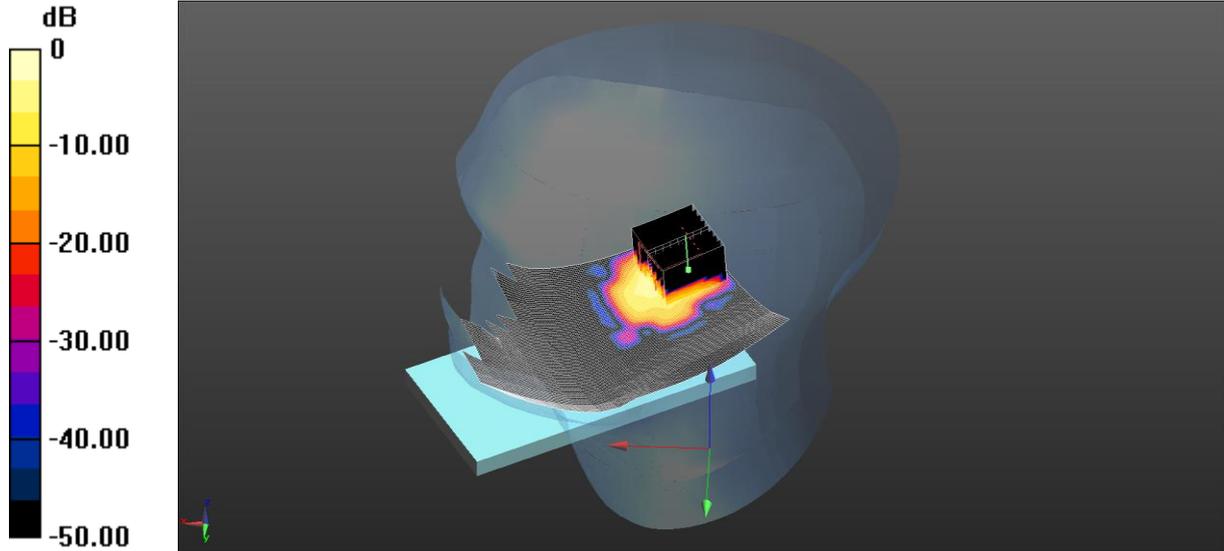
**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 0.808 W/kg

085: Touch Right WLAN 802.11a 13.5Mbps CH54

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.635 W/kg = -1.97 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;  $\sigma = 4.862$  S/m;  $\epsilon_r = 35.111$ ;  $\rho = 1000$  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) = 0.451 W/kg

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

Reference Value = 7.566 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.28 W/kg

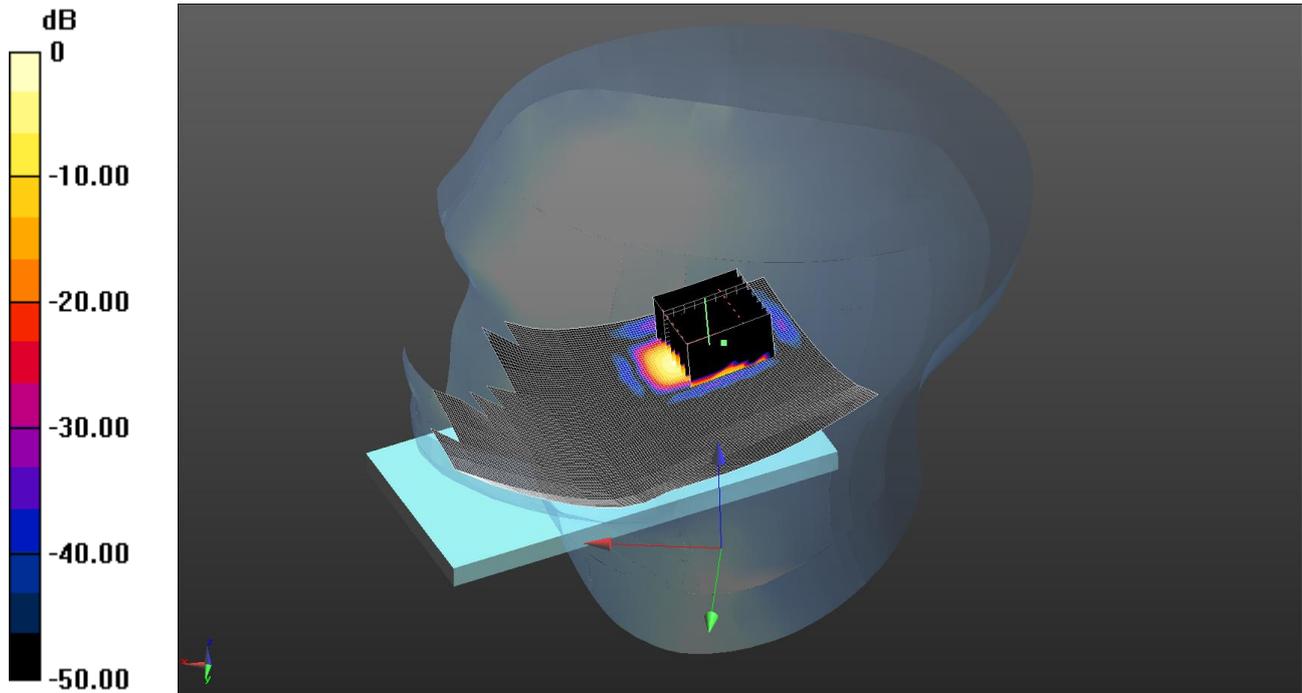
**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.635 W/kg

086: Touch Right WLAN 802.11a 13.5Mbps CH110

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.277 W/kg = -5.58 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used:  $f = 5550$  MHz;  $\sigma = 5.122$  S/m;  $\epsilon_r = 34.57$ ;  $\rho = 1000$  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 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.311 W/kg

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

Reference Value = 4.080 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.528 W/kg

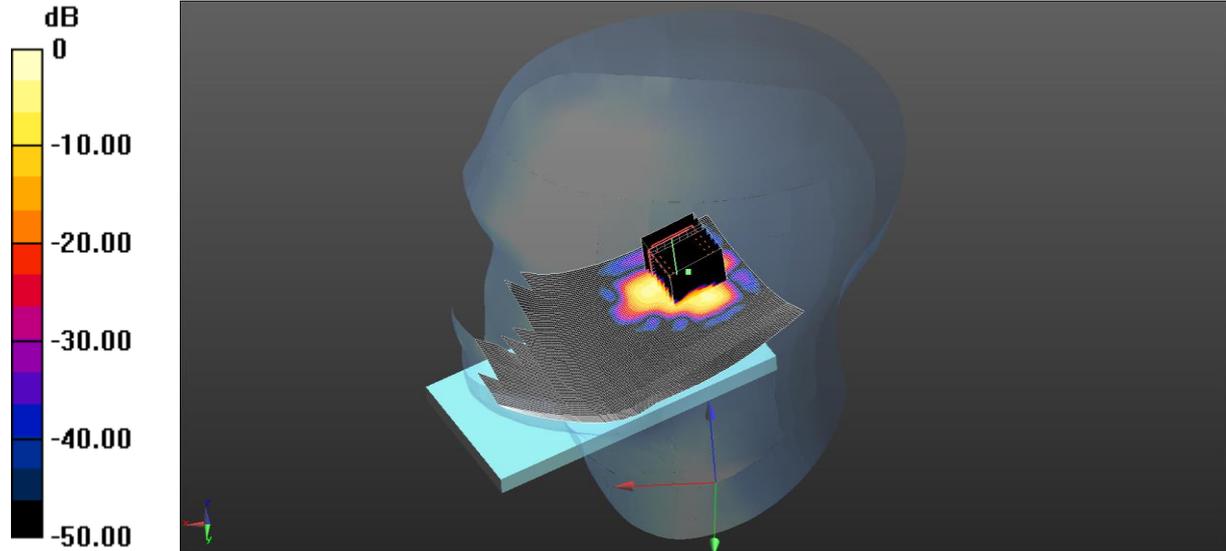
**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.032 W/kg**

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

087: Touch Right WLAN 802.11a 13.5Mbps CH151

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.422 W/kg = -3.75 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated):  $f = 5755$  MHz;  $\sigma = 5.333$  S/m;  $\epsilon_r = 34.304$ ;  $\rho = 1000$  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 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 3.140 V/m; Power Drift = -0.03 dB

**Fast SAR: SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (interpolated) = 0.583 W/kg

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

Reference Value = 3.140 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.816 W/kg

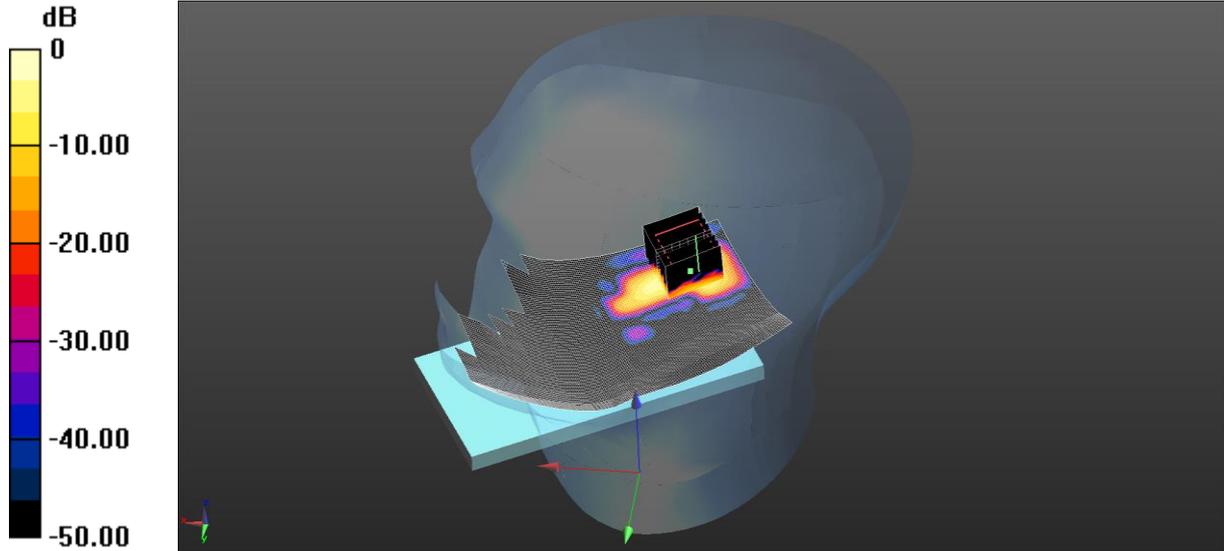
**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.422 W/kg

088: Touch Right WLAN 802.11ac 29.3Mbps CH42

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.462 W/kg = -3.35 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;  $\sigma = 4.793$  S/m;  $\epsilon_r = 35.27$ ;  $\rho = 1000$  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 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.342 W/kg

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

Reference Value = 5.742 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.785 W/kg

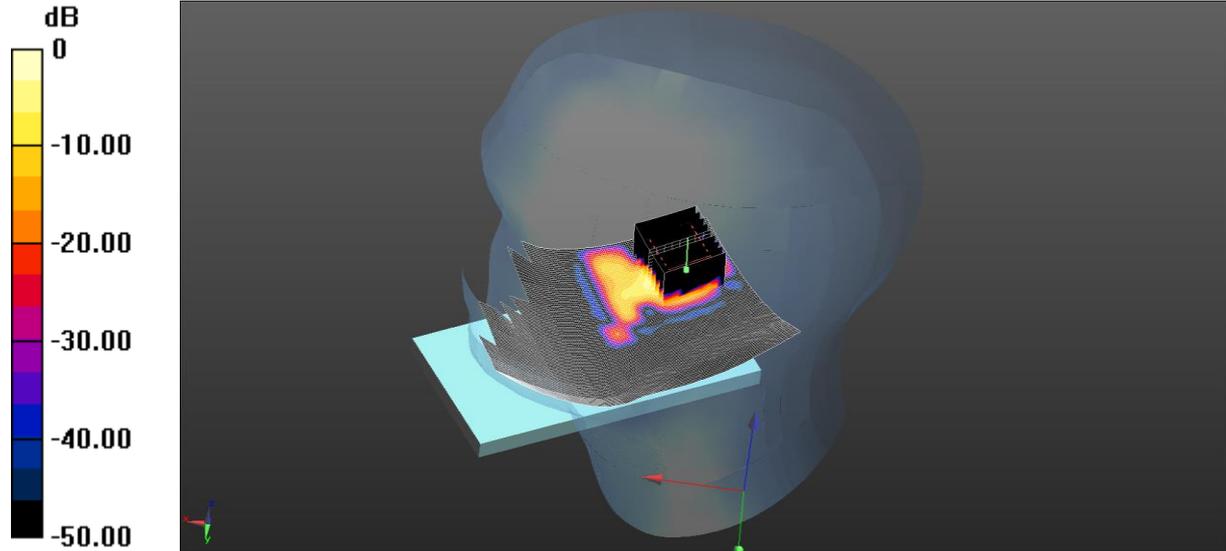
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.462 W/kg

089: Touch Right WLAN 802.11ac 29.3Mbps CH58

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.668 W/kg = -1.75 dBW/kg

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;  $\sigma = 4.881$  S/m;  $\epsilon_r = 35.058$ ;  $\rho = 1000$  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 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

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

Reference Value = 7.698 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.20 W/kg

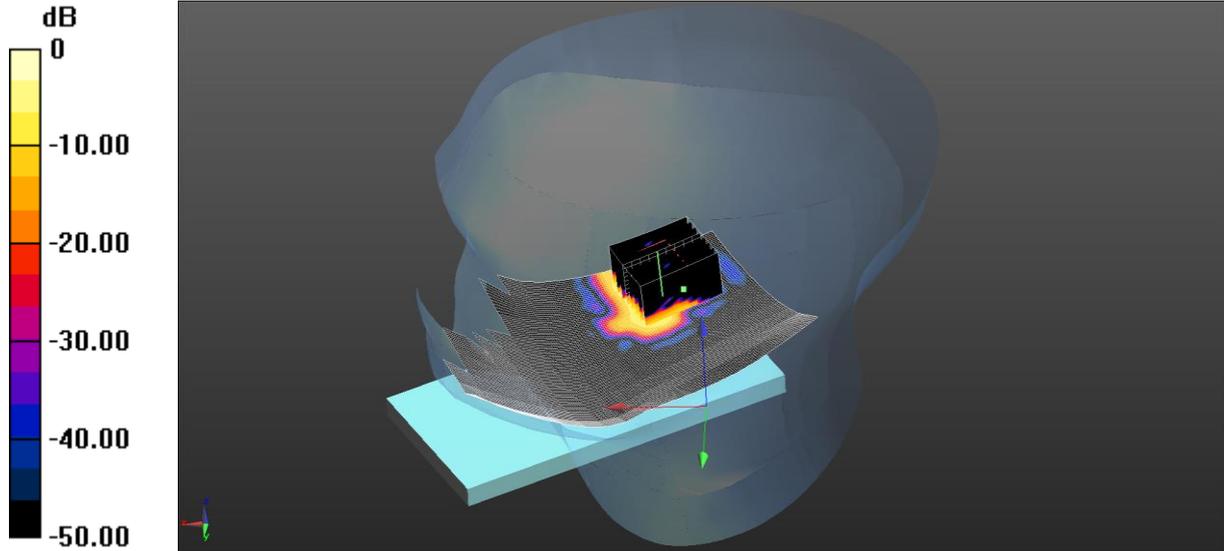
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.668 W/kg

090: Touch Right WLAN 802.11ac 29.3Mbps CH106

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.504 W/kg = -2.98 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;  $\sigma = 5.106$  S/m;  $\epsilon_r = 34.615$ ;  $\rho = 1000$  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 (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.296 W/kg

**Configuration/Touch Right - Middle/Zoom Scan (7x7x12) 2 (8x10x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.923 W/kg

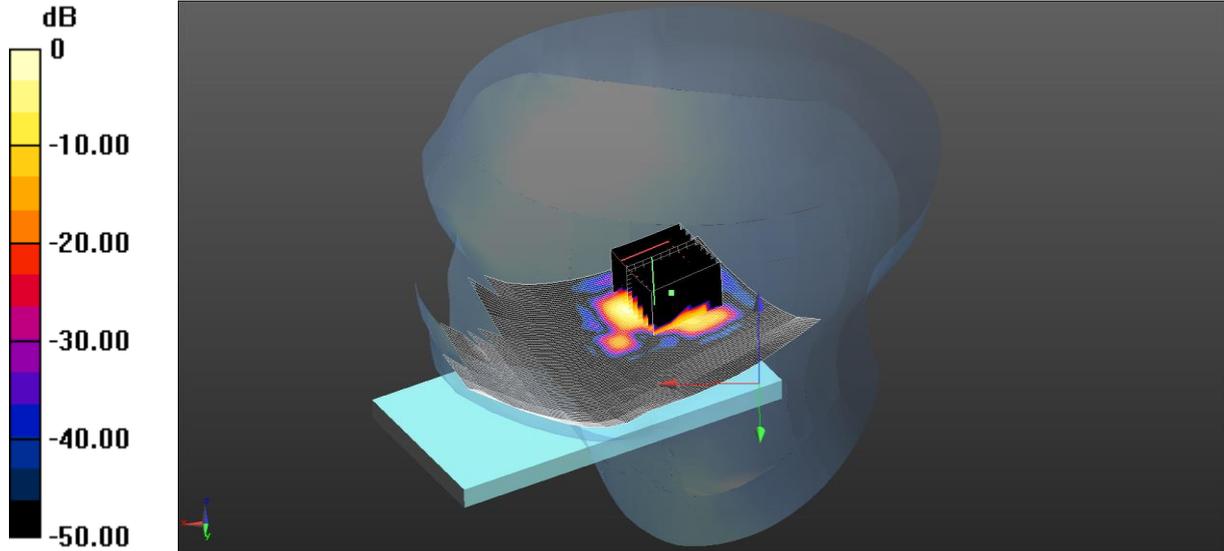
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.504 W/kg

091: Touch Right WLAN 802.11ac 29.3Mbps CH155

Date: 25/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.485 W/kg = -3.14 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;  $\sigma = 5.356$  S/m;  $\epsilon_r = 34.251$ ;  $\rho = 1000$  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 (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.450 W/kg

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

Reference Value = 5.071 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.12 W/kg

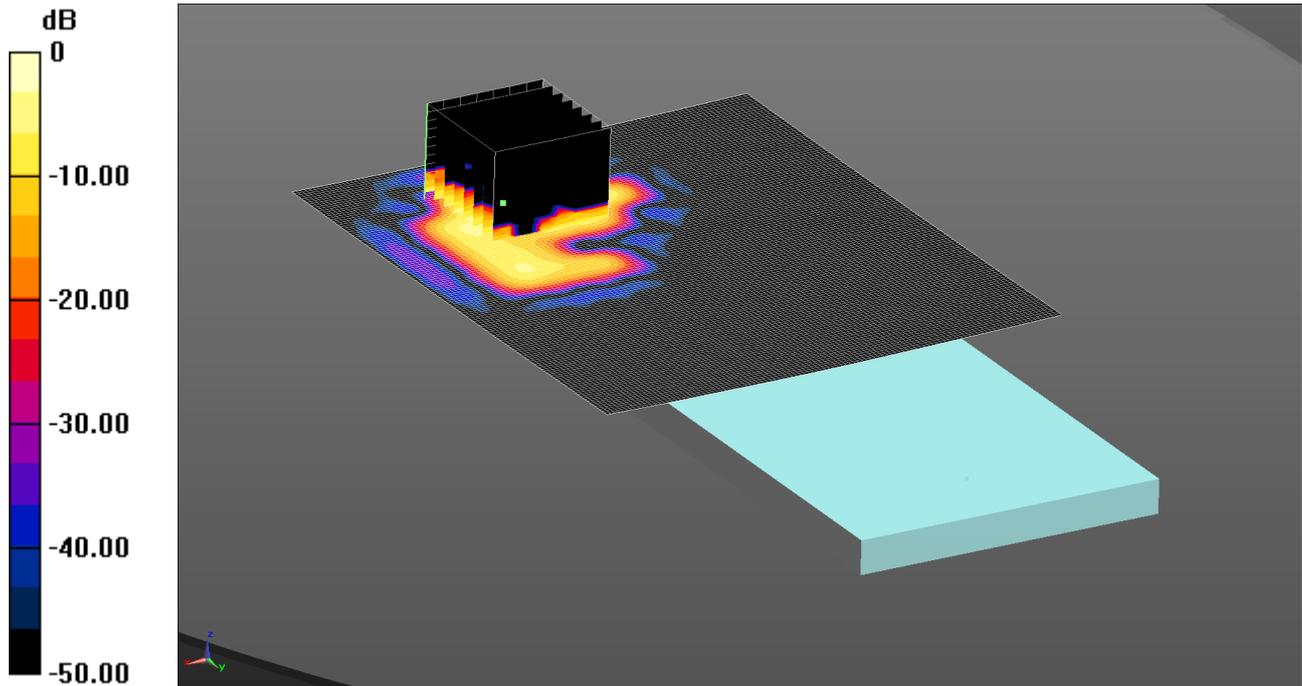
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.485 W/kg

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

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.141 W/kg = -8.51 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;  $\sigma = 5.381$  S/m;  $\epsilon_r = 49.217$ ;  $\rho = 1000$  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/Front of EUT Facing Phantom HotSpot- Middle 2/Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

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

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

Reference Value = 3.377 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.255 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.021 W/kg**

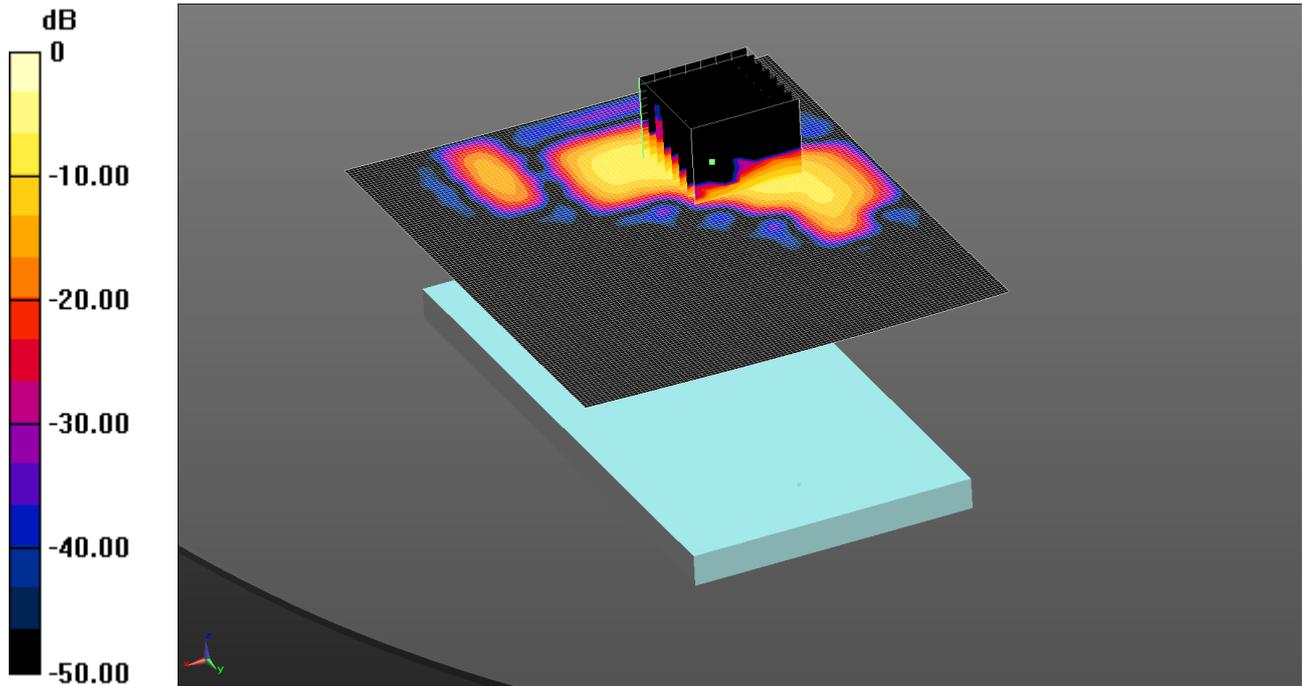
Maximum value of SAR (measured) = 0.141 W/kg

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

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

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.686 W/kg = -1.64 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;  $\sigma = 5.381$  S/m;  $\epsilon_r = 49.217$ ;  $\rho = 1000$  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 HotSpot- Middle 2/Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

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

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

Reference Value = 10.71 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.34 W/kg

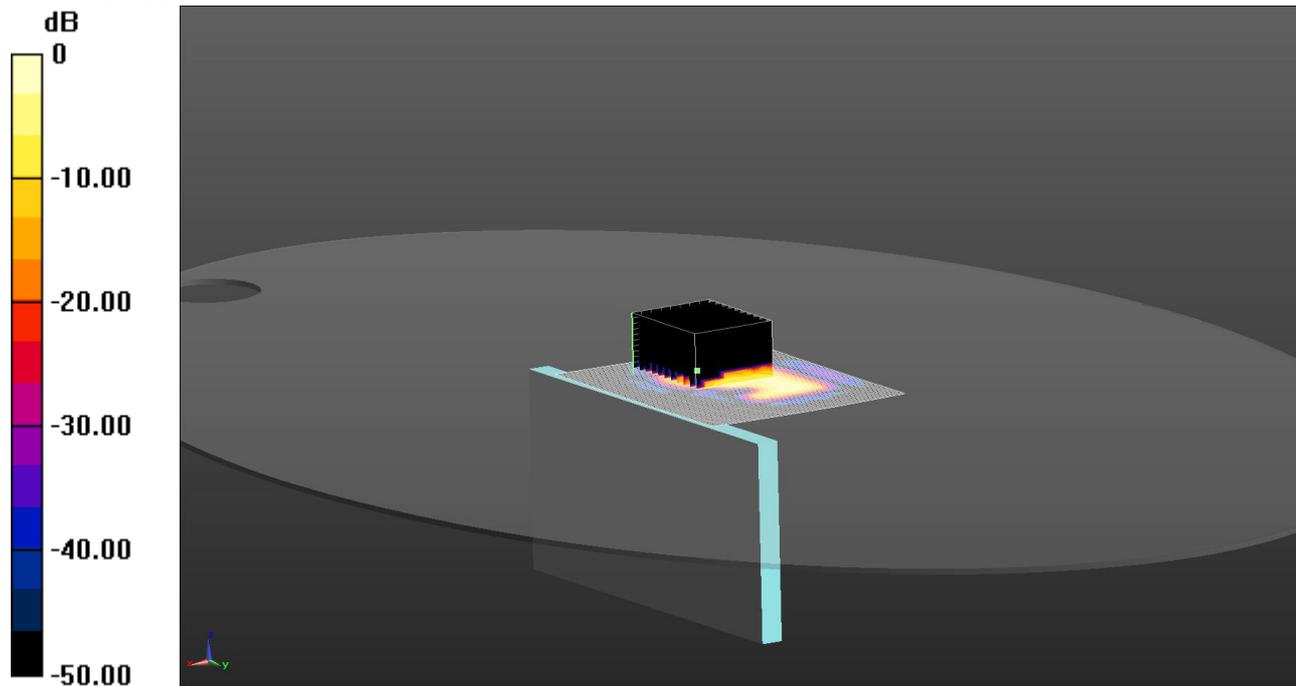
**SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.686 W/kg

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

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.144 W/kg = -8.42 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;  $\sigma = 5.381$  S/m;  $\epsilon_r = 49.217$ ;  $\rho = 1000$  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/Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

**Configuration/Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5-6 GHz) (7x7x12) (9x11x12)/Cube 0:**

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

Reference Value = 1.404 V/m; Power Drift = 0.50 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.023 W/kg**

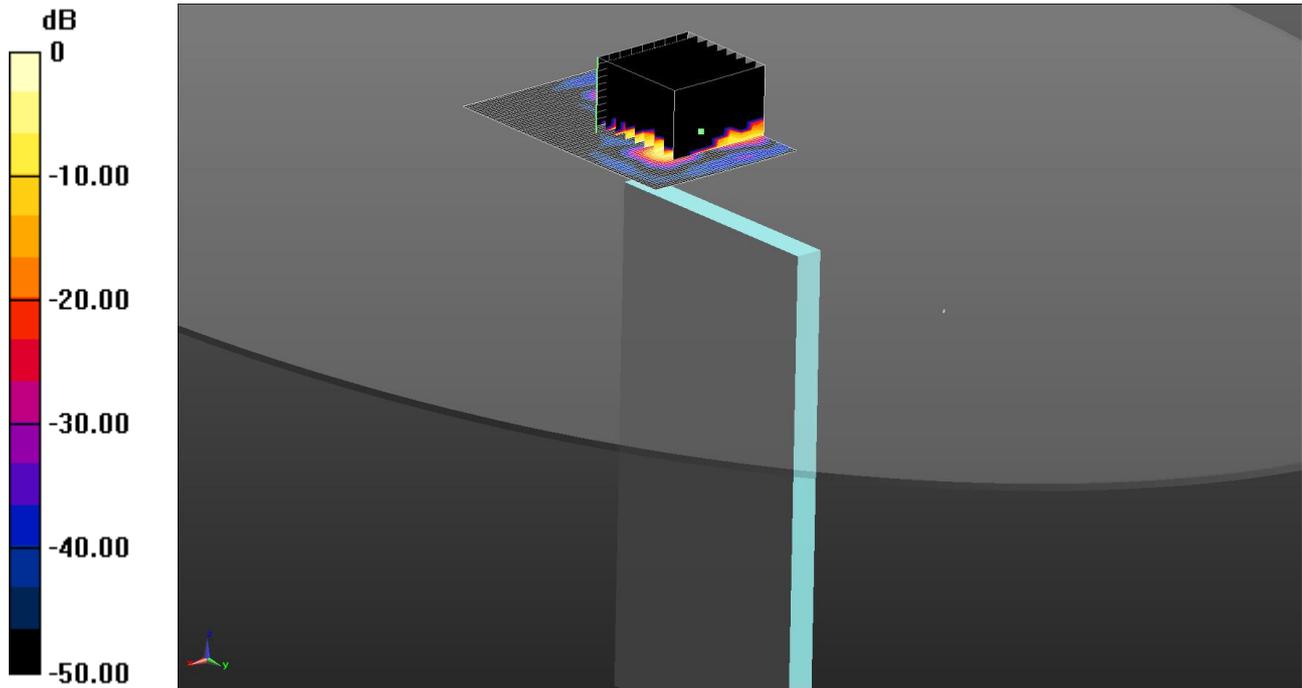
Maximum value of SAR (measured) = 0.144 W/kg

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

095: Top Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.0590 W/kg = -12.29 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;  $\sigma = 5.381$  S/m;  $\epsilon_r = 49.217$ ;  $\rho = 1000$  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/Top of EUT Facing Phantom - Middle 2/Area Scan (51x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0411 W/kg

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

Reference Value = 1.869 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg**

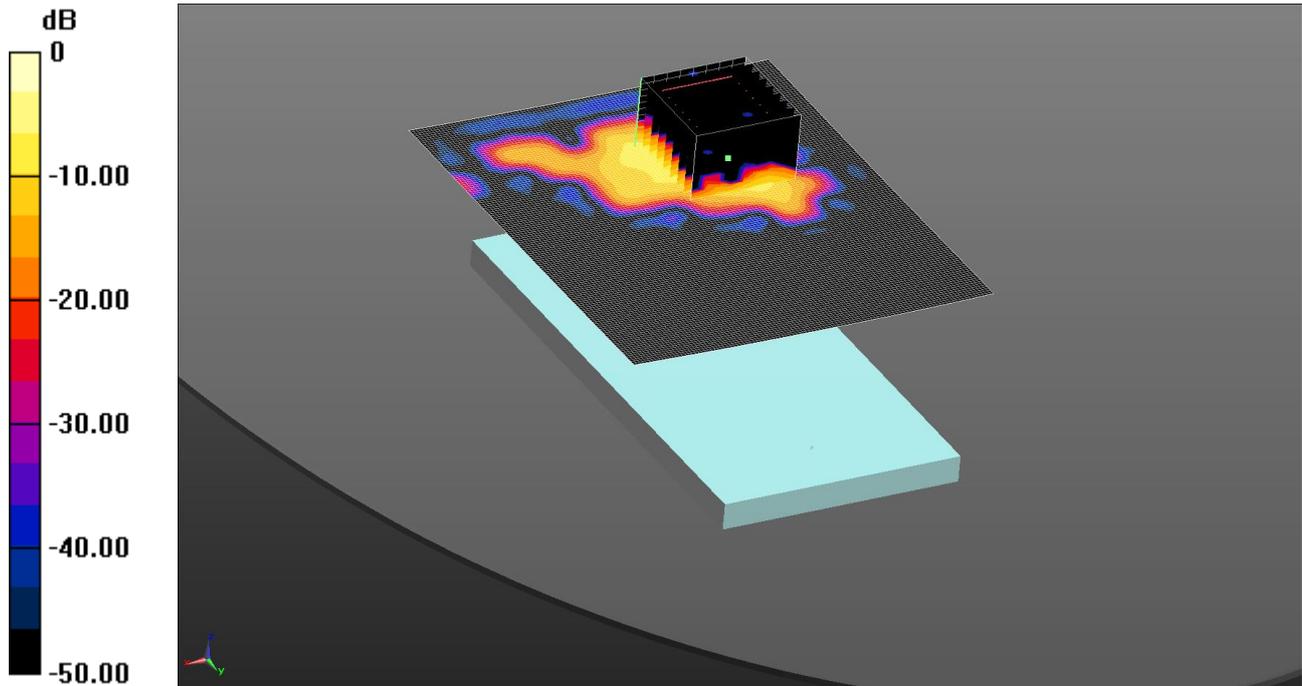
Maximum value of SAR (measured) = 0.0590 W/kg

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

096: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH64

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.736 W/kg = -1.33 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 5.508$  S/m;  $\epsilon_r = 48.848$ ;  $\rho = 1000$  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 HotSpot- Middle 2/Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

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

Reference Value = 11.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.18 W/kg

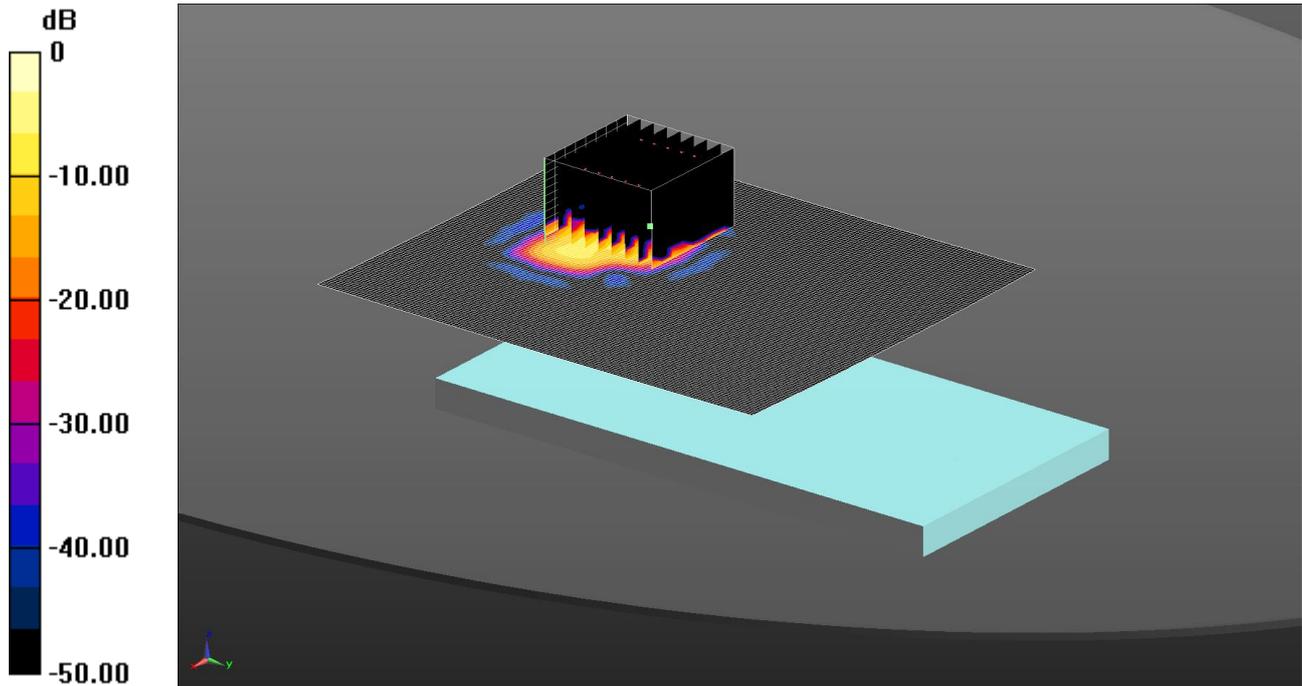
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.105 W/kg**

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

097: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH104

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



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

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5520 MHz;  $\sigma = 5.749$  S/m;  $\epsilon_r = 48.226$ ;  $\rho = 1000$  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: 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 HotSpot- Middle 2/Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.177 W/kg

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

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

Reference Value = 7.660 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.518 W/kg

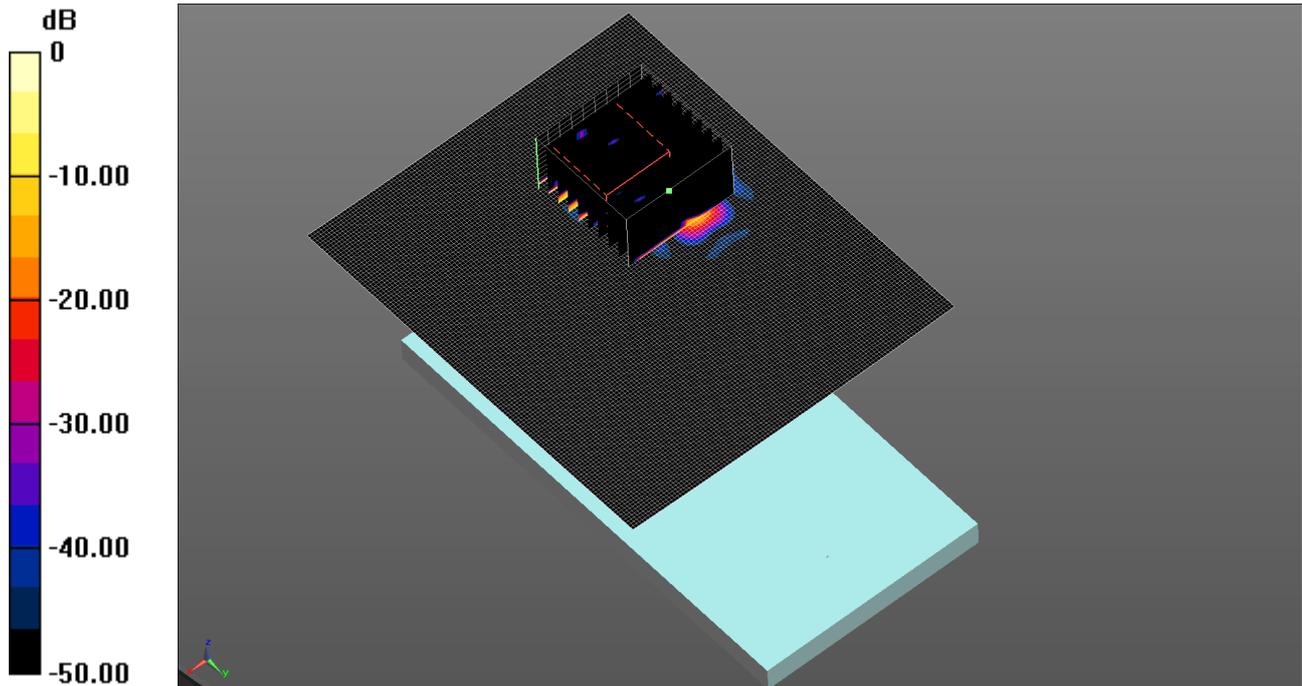
**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.034 W/kg**

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

098: Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH165

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.193 W/kg = -7.14 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated): f = 5825 MHz;  $\sigma = 6.208 \text{ S/m}$ ;  $\epsilon_r = 47.506$ ;  $\rho = 1000 \text{ kg/m}^3$

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 HotSpot- Middle 2/Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0630 W/kg

**Configuration/Back of EUT Facing Phantom HotSpot- Middle 2/Zoom Scan (5-6 GHz) (7x7x12) 2 (10x10x12)/Cube 0:**

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

Reference Value = 3.580 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.685 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.022 W/kg**

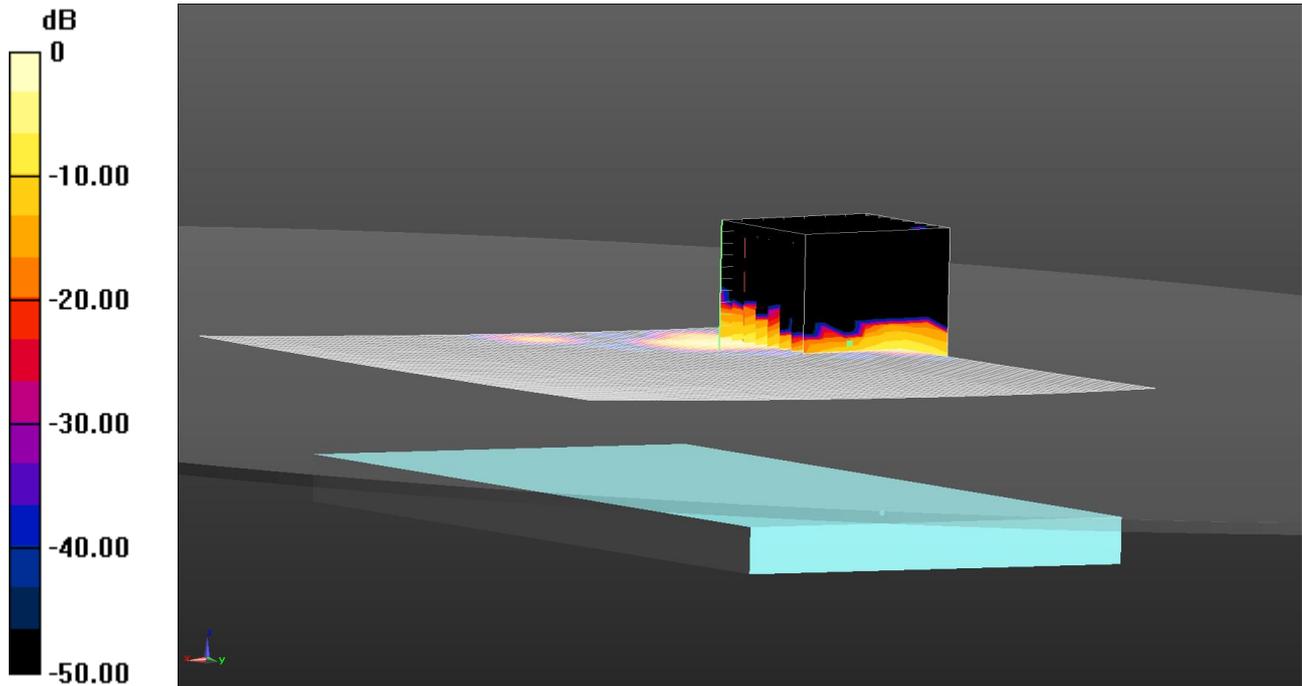
Maximum value of SAR (measured) = 0.193 W/kg

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

099: Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH38

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.317 W/kg = -4.99 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;  $\sigma = 5.294$  S/m;  $\epsilon_r = 49.408$ ;  $\rho = 1000$  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 HotSpot- Middle 2 2/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

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

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

Reference Value = 2.550 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.574 W/kg

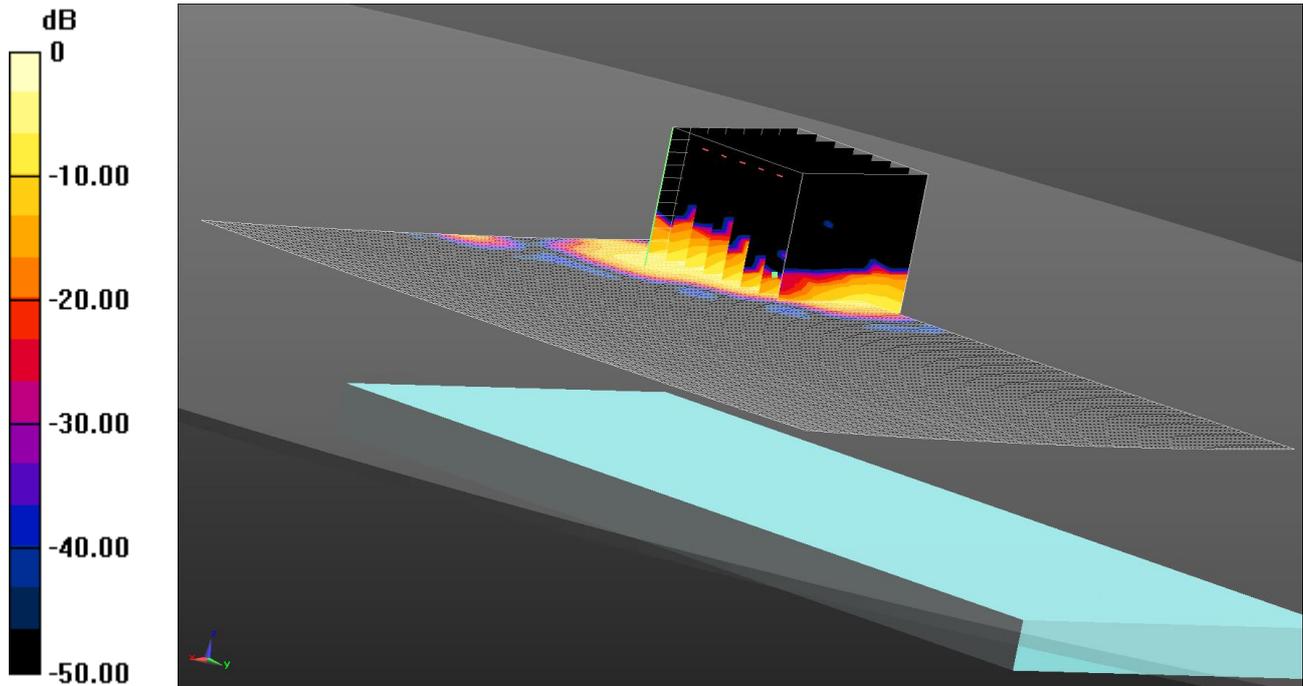
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.041 W/kg

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

100: Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH54

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.425 W/kg = -3.72 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;  $\sigma = 5.428$  S/m;  $\epsilon_r = 49.073$ ;  $\rho = 1000$  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 HotSpot- Middle 2/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.206 W/kg

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

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

Reference Value = 2.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.745 W/kg

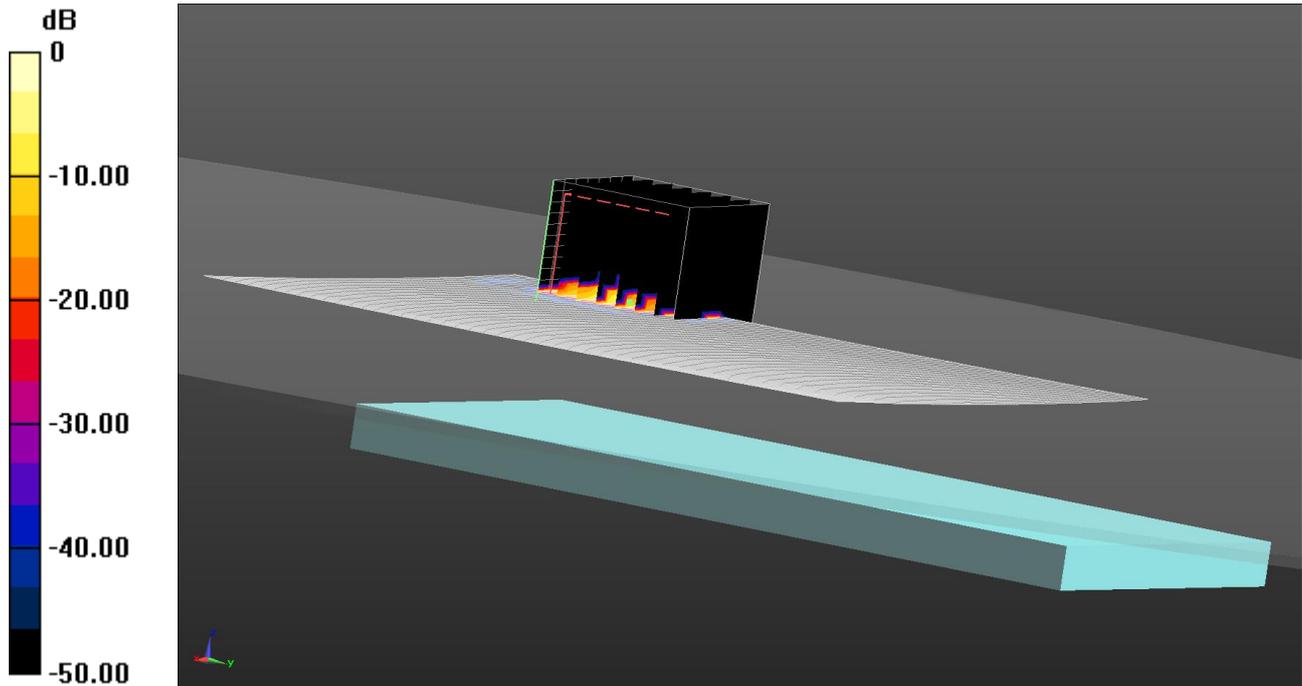
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.425 W/kg

101: Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH110

Date: 23/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.156 W/kg = -8.07 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used:  $f = 5550$  MHz;  $\sigma = 5.792$  S/m;  $\epsilon_r = 48.105$ ;  $\rho = 1000$  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: 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 HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0623 W/kg

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

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

Reference Value = 1.458 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.018 W/kg

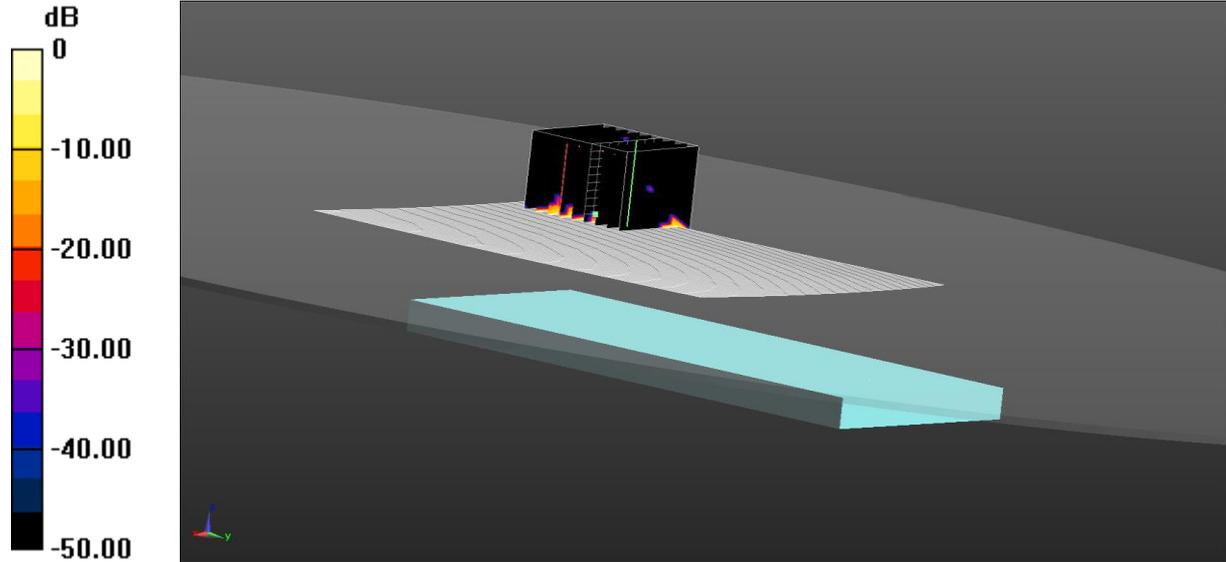
Maximum value of SAR (measured) = 0.156 W/kg

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

102: Back Of EUT Facing Phantom Wi-Fi 802.11a 13.5Mbps CH151

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.104 W/kg = -9.83 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used (interpolated):  $f = 5755$  MHz;  $\sigma = 6.083$  S/m;  $\epsilon_r = 47.671$ ;  $\rho = 1000$  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 HotSpot- Middle 2/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0298 W/kg

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

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.014 W/kg

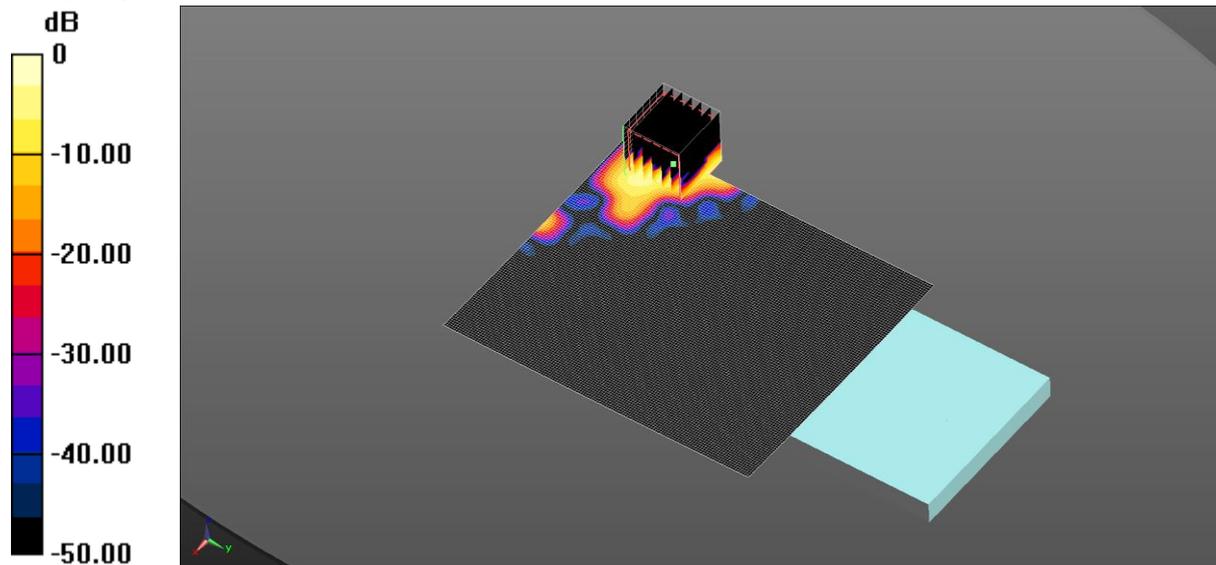
Maximum value of SAR (measured) = 0.104 W/kg

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

103: Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH42

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.305 W/kg = -5.16 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;  $\sigma = 5.332$  S/m;  $\epsilon_r = 49.316$ ;  $\rho = 1000$  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 HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

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

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.555 W/kg

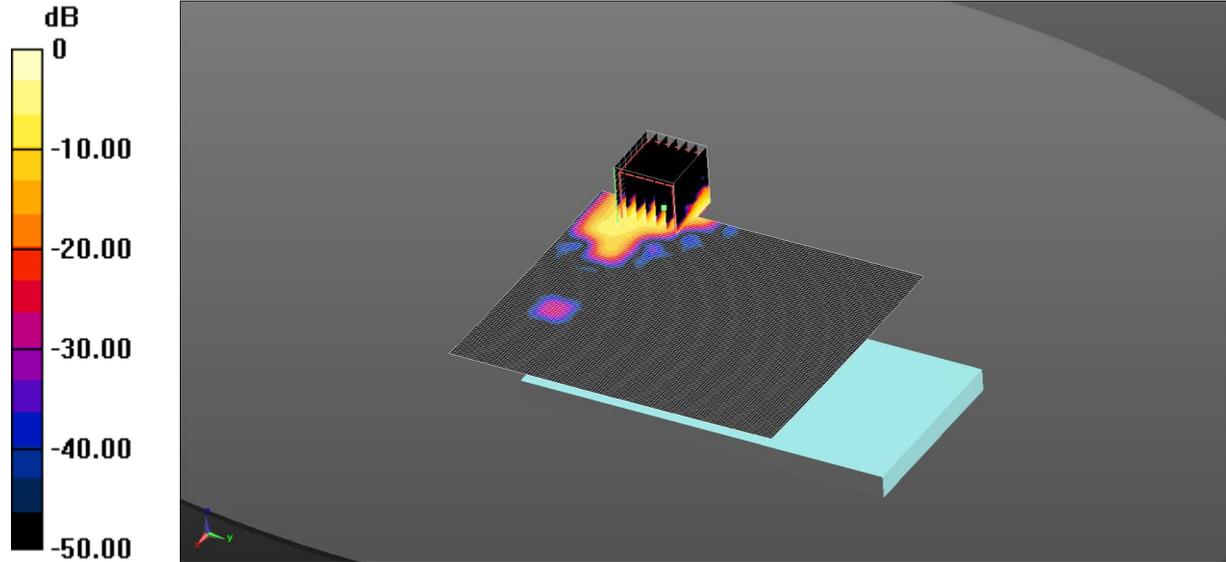
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.305 W/kg

104: Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH58

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.412 W/kg = -3.85 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;  $\sigma = 5.458$  S/m;  $\epsilon_r = 48.962$ ;  $\rho = 1000$  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 HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

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

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.729 W/kg

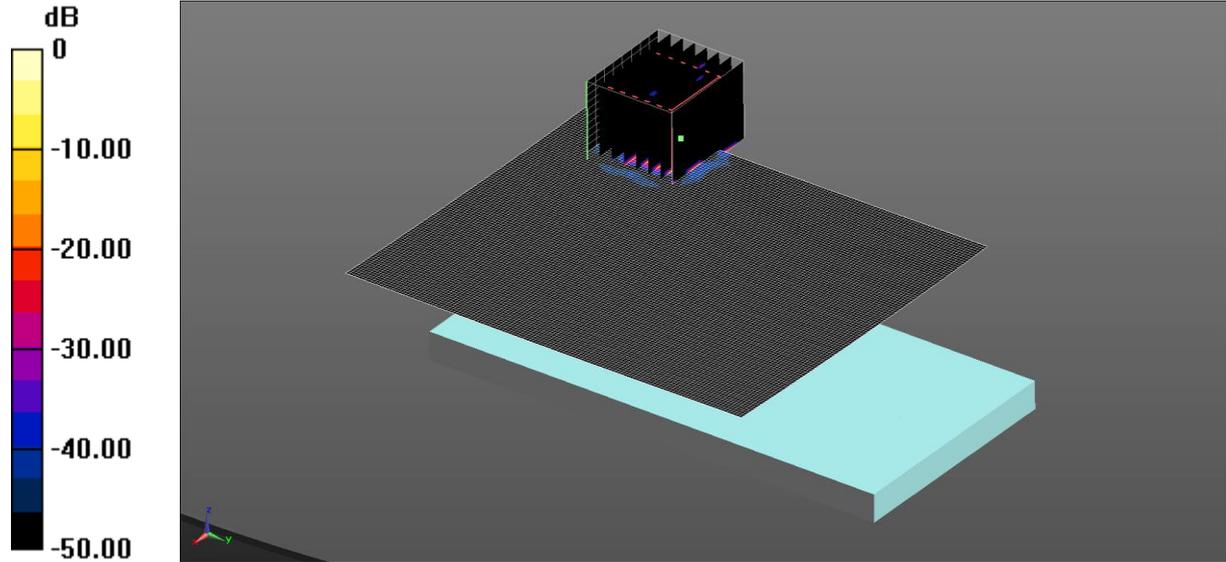
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.412 W/kg

105: Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH106

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.102 W/kg = -9.91 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;  $\sigma = 5.763$  S/m;  $\epsilon_r = 48.185$ ;  $\rho = 1000$  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: 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 HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0381 W/kg

Configuration/Back of EUT Facing Phantom HotSpot- Middle/Zoom Scan (5-6 GHz) (7x7x12) 2 (9x8x12)/Cube 0:

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.011 W/kg

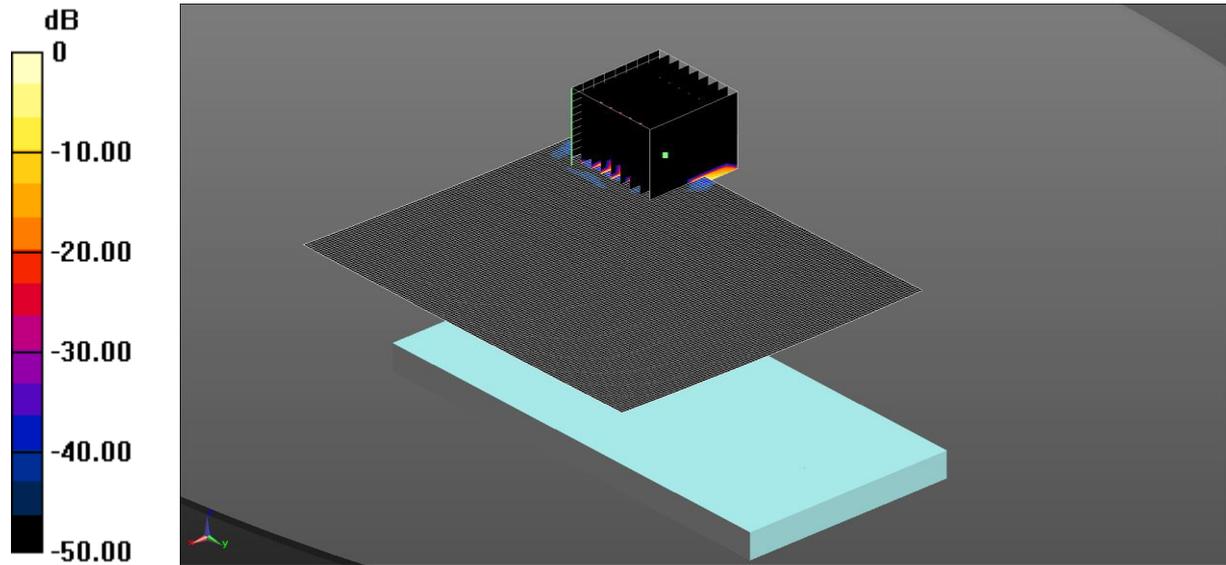
Maximum value of SAR (measured) = 0.102 W/kg

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

106: Back Of EUT Facing Phantom Wi-Fi 802.11a 29.3Mbps CH155

Date: 24/6/2014

DUT: Sony; Type: FCC ID: PY7PM-0803



0 dB = 0.110 W/kg = -9.59 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;  $\sigma = 6.128$  S/m;  $\epsilon_r = 47.615$ ;  $\rho = 1000$  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 HotSpot- Middle/Area Scan (111x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0685 W/kg

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

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.014 W/kg

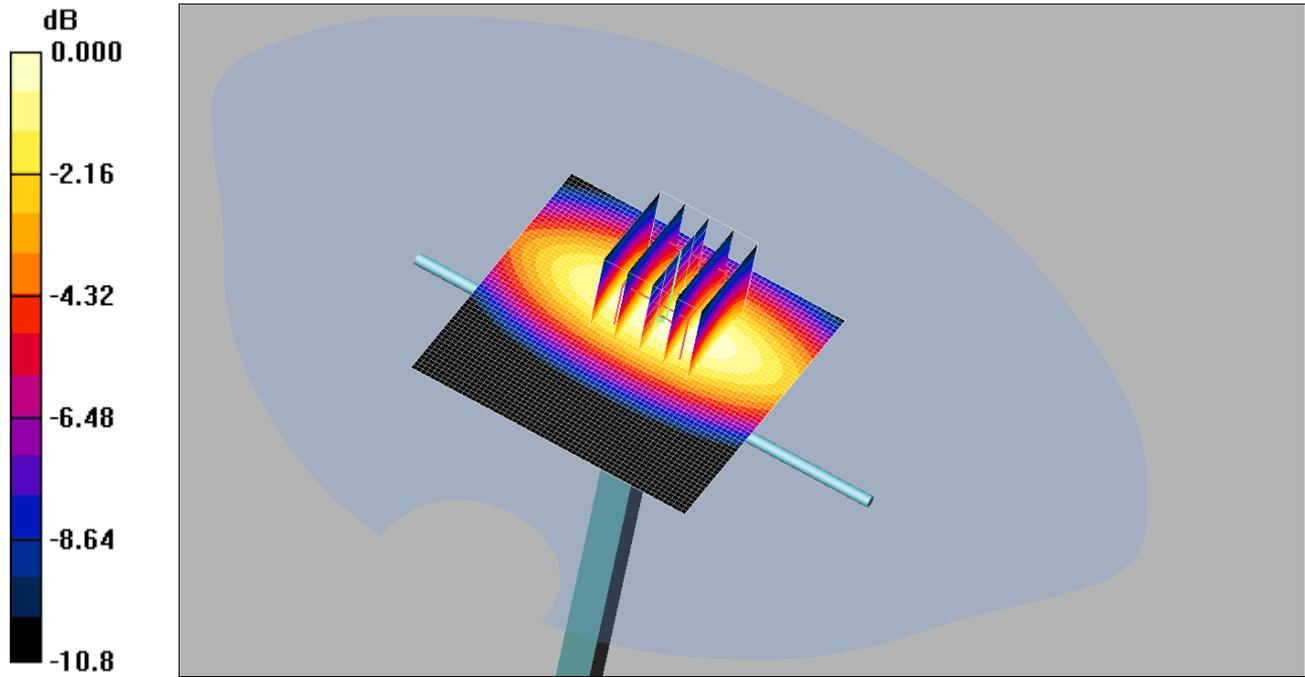
Maximum value of SAR (measured) = 0.110 W/kg

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

107: System Performance Check 900MHz Head 23 06 14

Date: 23/06/2014

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



0 dB = 2.71mW/g

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

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.973 \text{ mho/m}$ ;  $\epsilon_r = 43$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 2.72 mW/g

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

Reference Value = 48.1 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 3.69 W/kg

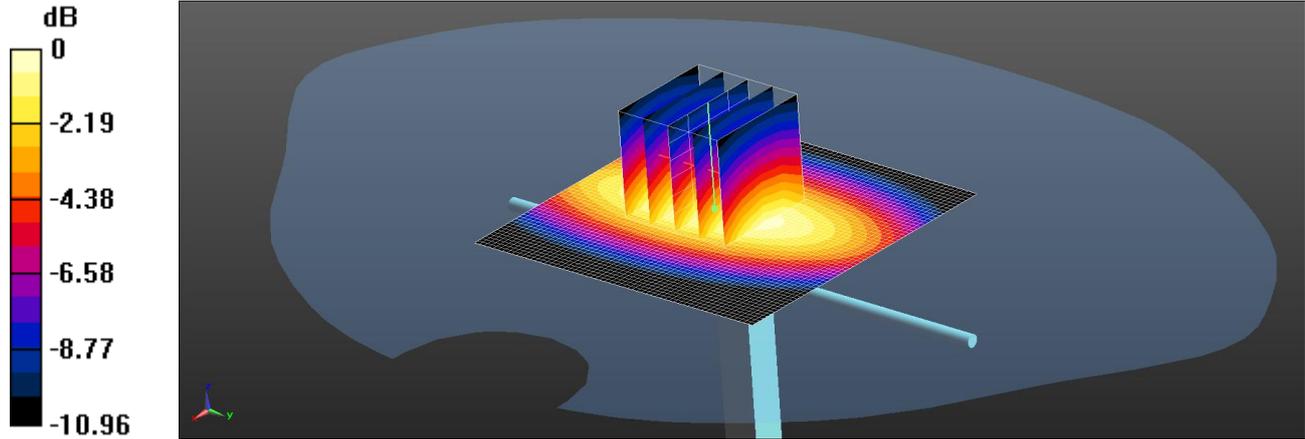
**SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.62 mW/g**

Maximum value of SAR (measured) = 2.71 mW/g

108: System Performance Check 900MHz Head 23 06 14

Date: 23/6/14

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



0 dB = 2.72 W/kg = 4.35 dBW/kg

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

Medium: 900 MHz HSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.942 \text{ S/m}$ ;  $\epsilon_r = 41.509$ ;  $\rho = 1000 \text{ kg/m}^3$

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 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.71 W/kg

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

Reference Value = 53.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.76 W/kg

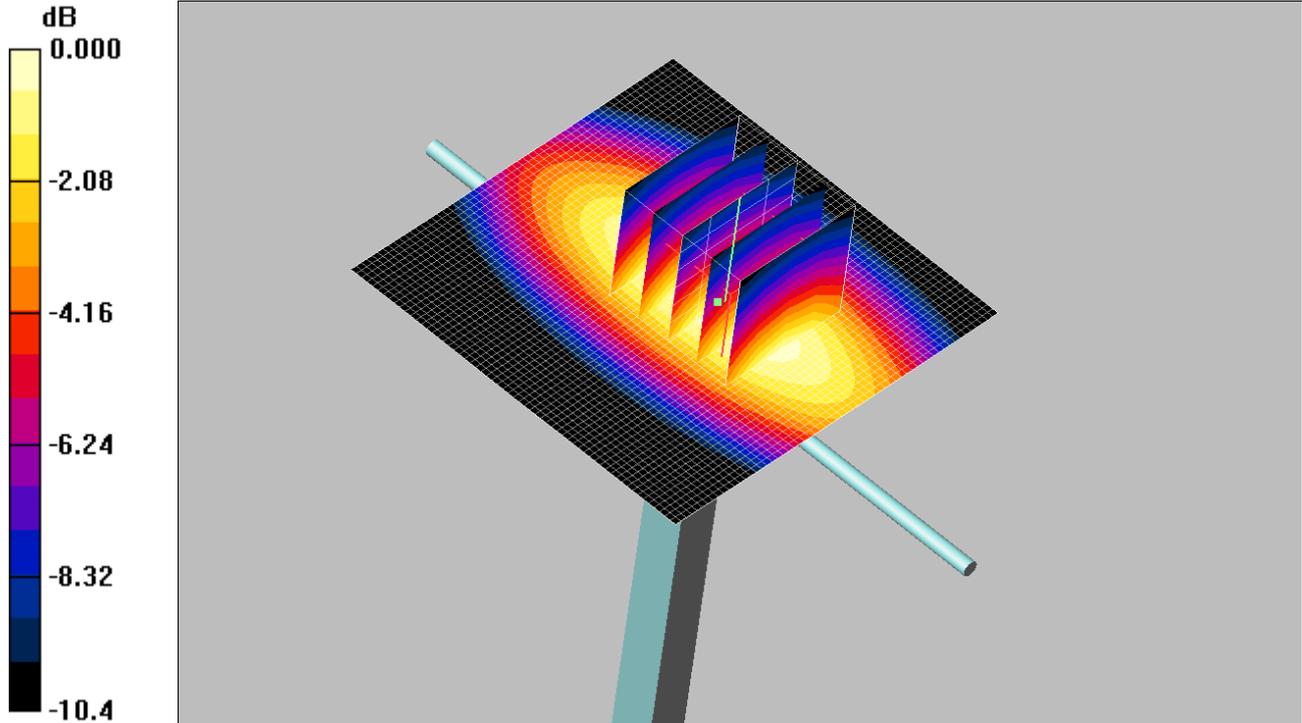
**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.63 W/kg**

Maximum value of SAR (measured) = 2.72 W/kg

109: System Performance Check 900MHz Body 23 06 14

Date 23/06/2014

DUT: Dipole 900 MHz; SN: 035; 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:  $f = 900 \text{ MHz}$ ;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 54.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

Maximum value of SAR (interpolated) = 2.80 mW/g

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

Reference Value = 53.3 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 3.79 W/kg

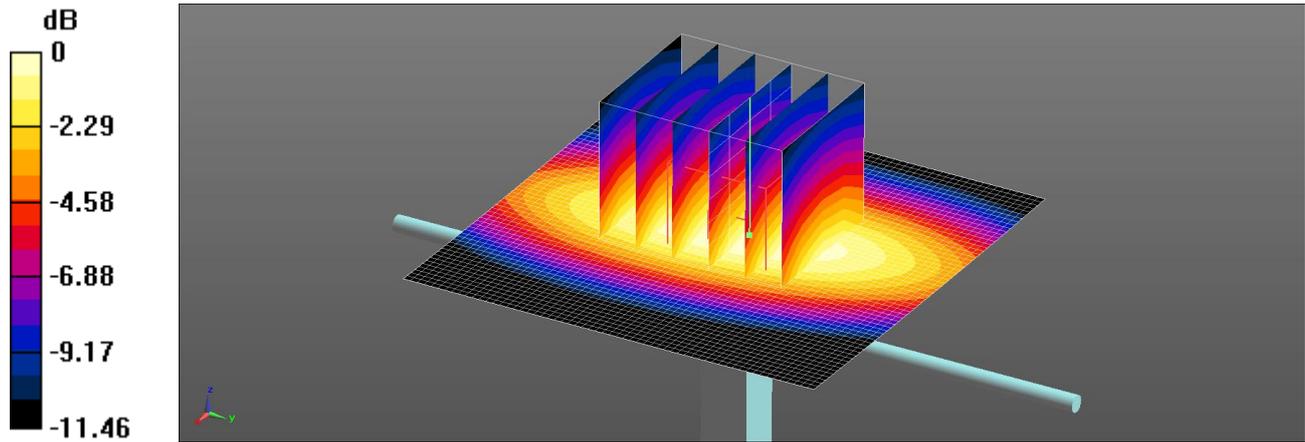
**SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.69 mW/g**

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

110: System Performance Check 900MHz Body 23 06 14

Date: 23/6/14

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



0 dB = 2.87 W/kg = 4.58 dBW/kg

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

Medium: 900 MHz MSL Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 1.071 \text{ S/m}$ ;  $\epsilon_r = 52.882$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(9.72, 9.72, 9.72); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; 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) = 2.88 W/kg

**SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x6x7)/Cube 0:** Measurement grid:

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

Reference Value = 51.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.01 W/kg

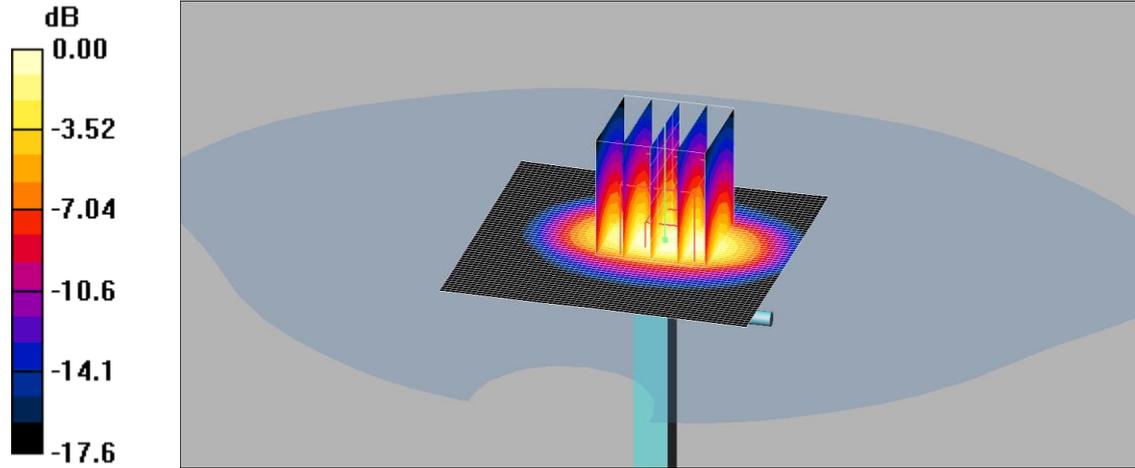
**SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.71 W/kg**

Maximum value of SAR (measured) = 2.87 W/kg

111: System Performance Check 1900MHz Head 23 06 14

Date: 23/06/2014

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



0 dB = 11.0mW/g

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

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.34 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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 = 91.2 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 18.1 W/kg

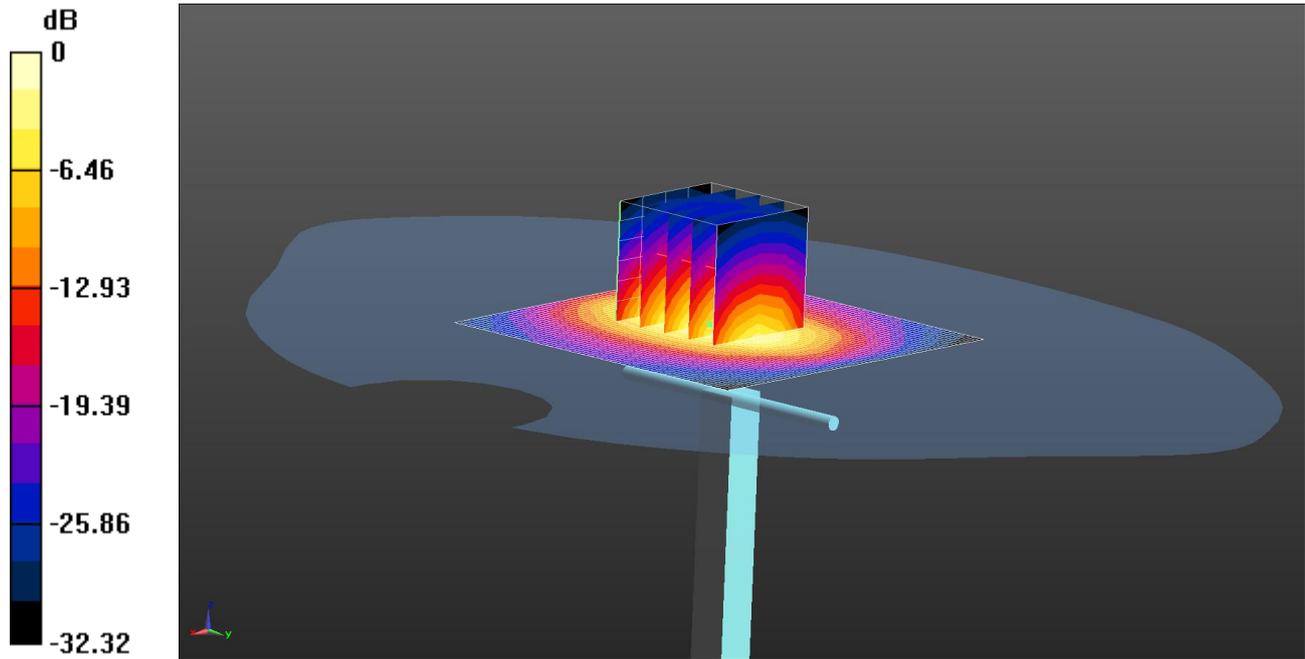
**SAR(1 g) = 9.77 mW/g; SAR(10 g) = 5.05 mW/g**

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

112: System Performance Check 1900MHz Head 25 06 14

Date: 25/6/14

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



0 dB = 11.7 W/kg = 10.70 dBW/kg

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 39.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.96, 7.96, 7.96); 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 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.7 W/kg

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

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

Reference Value = 86.65 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.1 W/kg

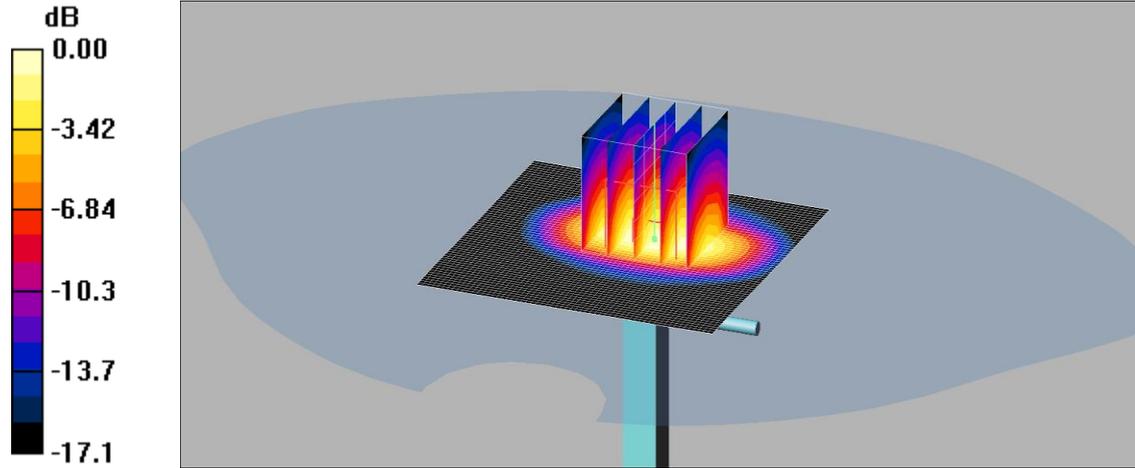
**SAR(1 g) = 9.8 W/kg; SAR(10 g) = 5.08 W/kg**

Maximum value of SAR (measured) = 11.0 W/kg

113: System Performance Check 1900MHz Body 23 06 14

Date: 23/06/2014

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



0 dB = 11.7mW/g

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

Medium: 1900 MHz MSL Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 13.6 mW/g

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

Reference Value = 83.7 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 18.6 W/kg

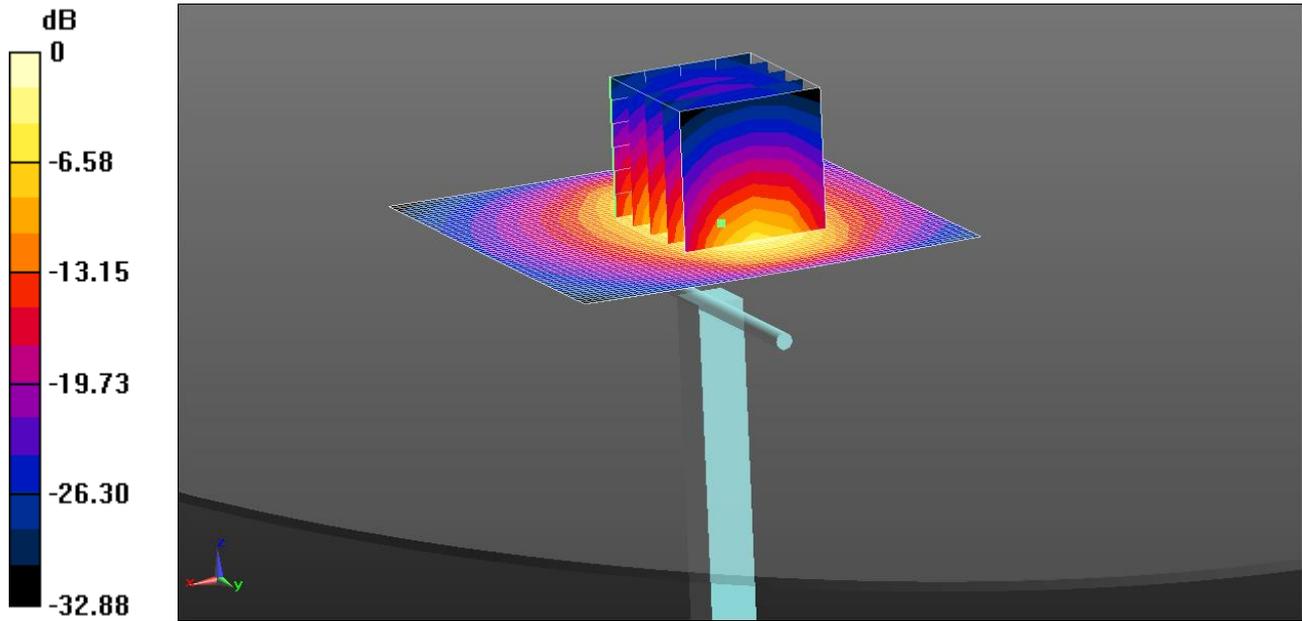
**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.52 mW/g**

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

114: System Performance Check 1900MHz Body 26 06 14

Date: 26/6/14

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



0 dB = 12.2 W/kg = 10.88 dBW/kg

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  S/m;  $\epsilon_r = 54.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 9/5/14;

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

- Electronics: DAE4 Sn1435; Calibrated: 15/4/14

- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 12.2 W/kg

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

Reference Value = 87.38 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.9 W/kg

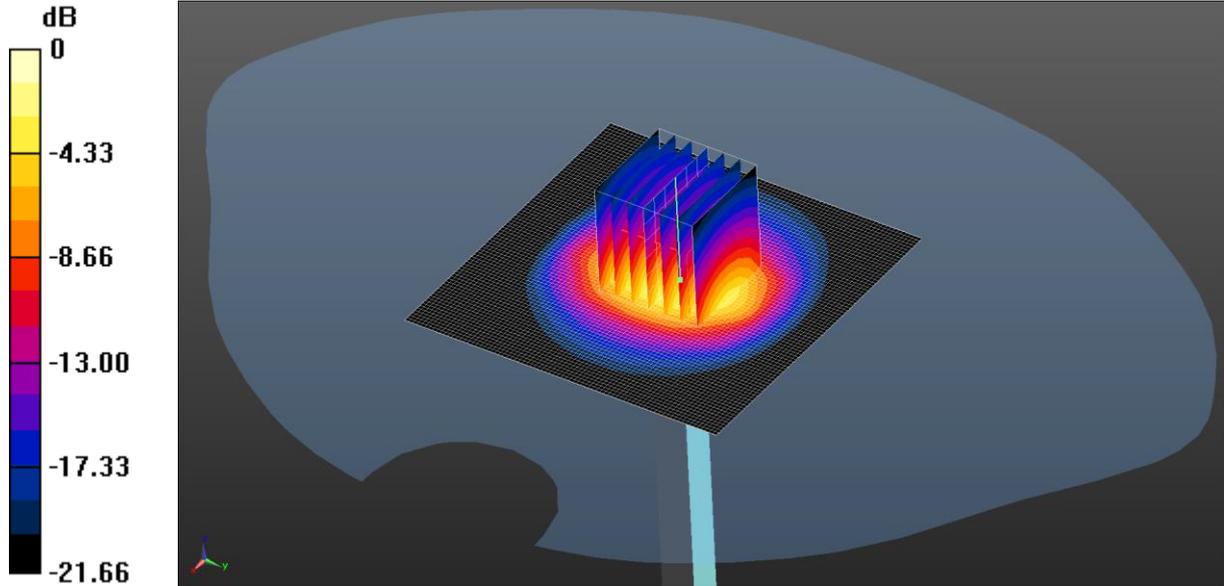
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.45 W/kg**

Maximum value of SAR (measured) = 11.7 W/kg

115: System Performance Check 2450MHz Head 23 06 14

Date: 23/06/2014

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



0 dB = 15.2 W/kg = 11.82 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;  $\sigma = 1.829$  S/m;  $\epsilon_r = 39.045$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.34, 7.34, 7.34); Calibrated: 07/05/2014;
- 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) = 15.5 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 = 91.581 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 27.7 W/kg

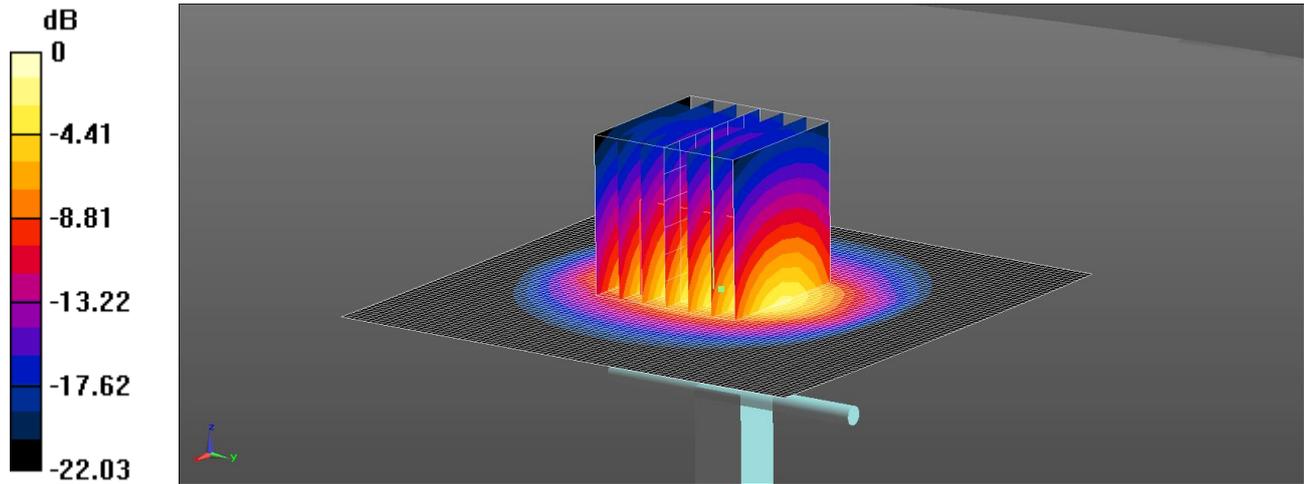
**SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.16 W/kg**

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

116: System Performance Check 2450MHz Body 23 06 14

Date: 23/06/2014

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



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

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

Medium: 2450MHz MSL Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.019$  S/m;  $\epsilon_r = 51.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- 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 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 4 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.138 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 26.5 W/kg

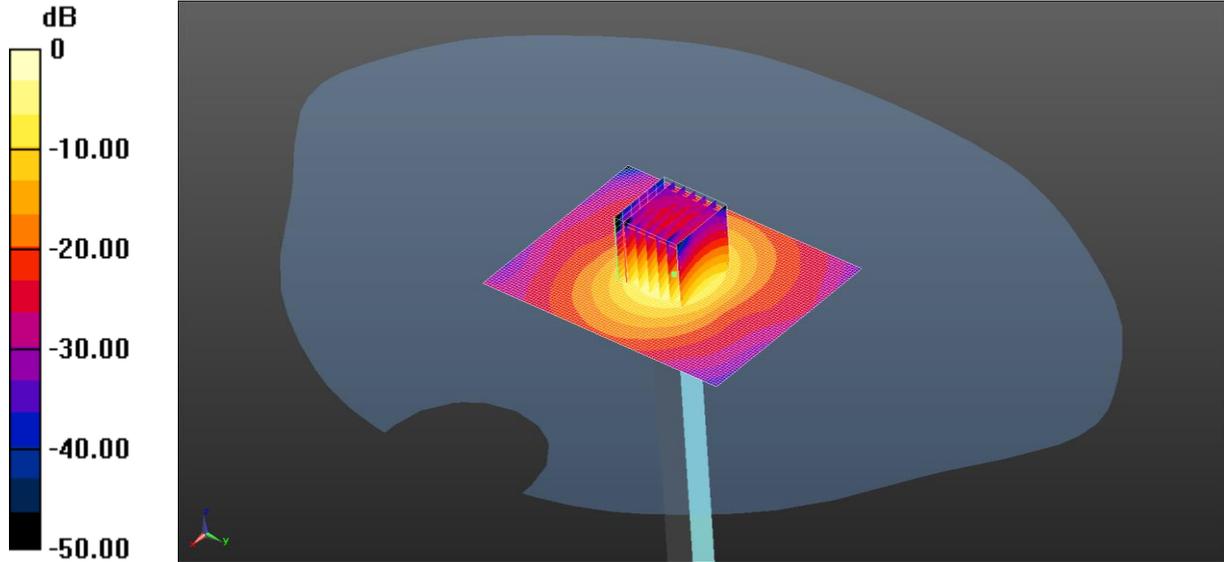
**SAR(1 g) = 13 W/kg; SAR(10 g) = 5.96 W/kg**

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

117: System Performance Check 5200 MHz Head 24 06 14

Date: 24/6/2014

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



0 dB = 16.3 W/kg = 12.12 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;  $\sigma = 4.78$  S/m;  $\epsilon_r = 35.297$ ;  $\rho = 1000$  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/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/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 45.15 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 31.5 W/kg

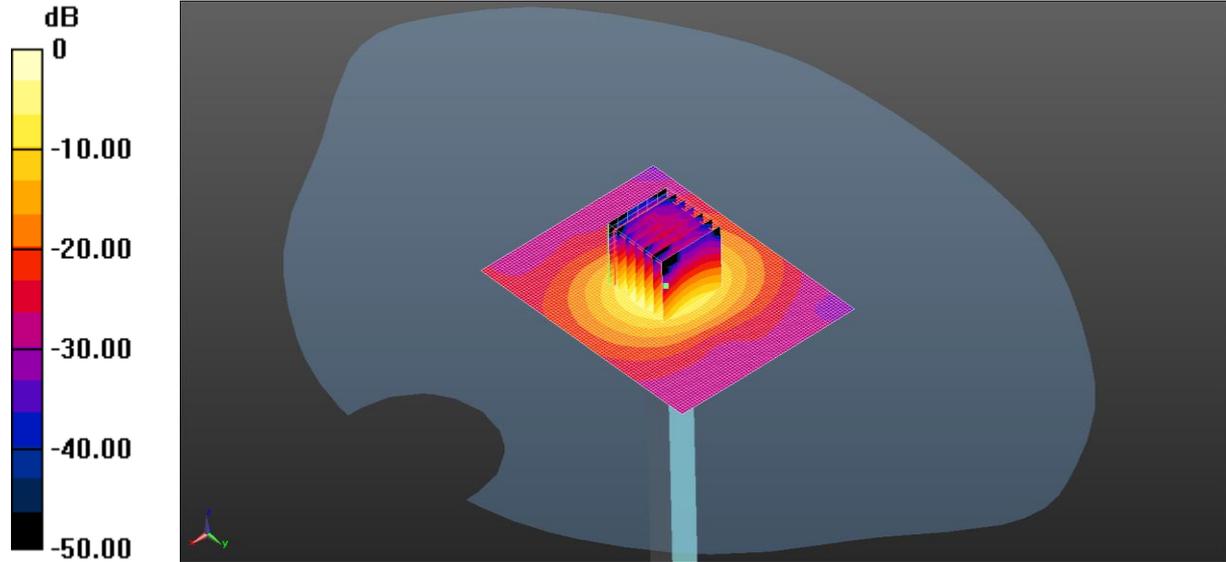
**SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 16.3 W/kg

118: System Performance Check 5500 MHz Head 24 06 14

Date: 24/6/2014

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



0 dB = 17.7 W/kg = 12.48 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;  $\sigma = 5.082$  S/m;  $\epsilon_r = 34.682$ ;  $\rho = 1000$  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/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 18.4 W/kg

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

Reference Value = 42.51 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 36.5 W/kg

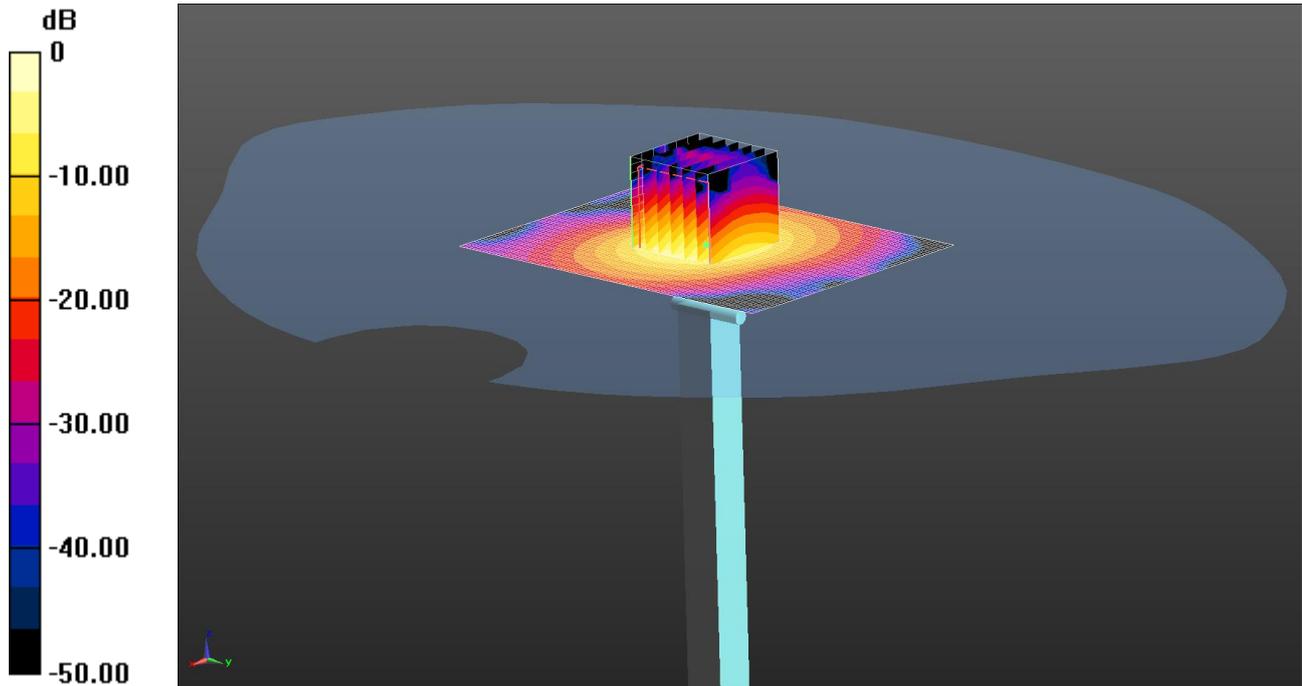
**SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.35 W/kg**

Maximum value of SAR (measured) = 17.7 W/kg

119: System Performance Check 5800 MHz Head 24 06 14

Date: 24/6/2014

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



0 dB = 17.4 W/kg = 12.41 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;  $\sigma = 5.384$  S/m;  $\epsilon_r = 34.184$ ;  $\rho = 1000$  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/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/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 39.97 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 37.6 W/kg

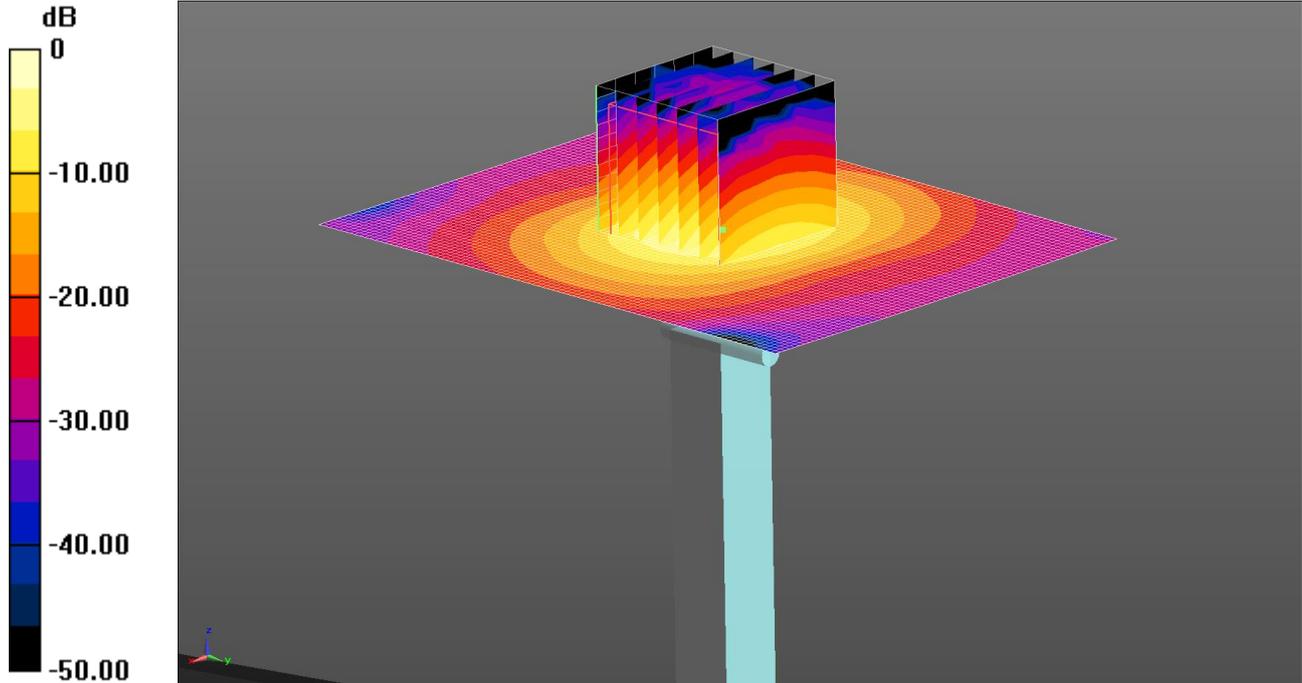
**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.24 W/kg**

Maximum value of SAR (measured) = 17.4 W/kg

120: System Performance Check 5200 MHz Body 23 06 14

Date: 23/6/2014

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



0 dB = 14.6 W/kg = 11.64 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;  $\sigma = 5.316$  S/m;  $\epsilon_r = 49.348$ ;  $\rho = 1000$  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 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) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.57 V/m; Power Drift = 0.03 dB

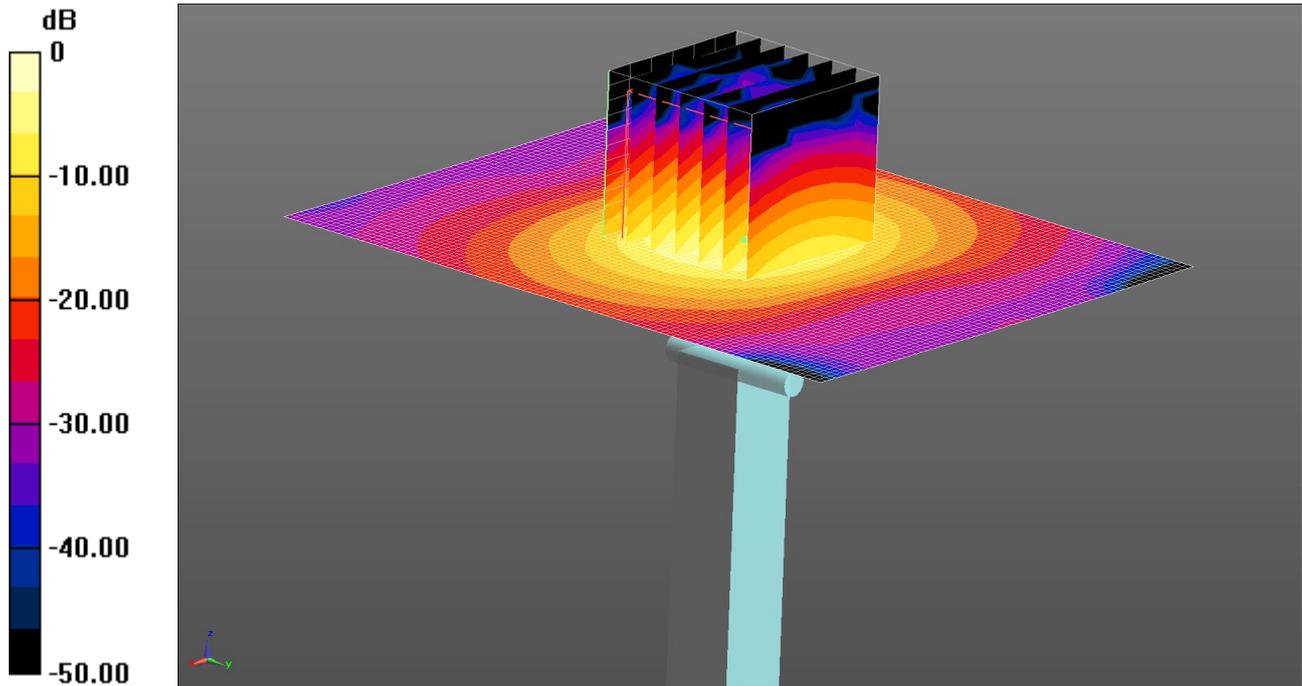
Peak SAR (extrapolated) = 28.6 W/kg

**SAR(1 g) = 7.03 W/kg; SAR(10 g) = 2.03 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg

121: System Performance Check 5500 MHz Body 23 06 14  
 Date: 23/6/2014

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



0 dB = 17.3 W/kg = 12.38 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;  $\sigma = 5.72$  S/m;  $\epsilon_r = 48.306$ ;  $\rho = 1000$  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) = 17.9 W/kg

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

Reference Value = 41.48 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 33.7 W/kg

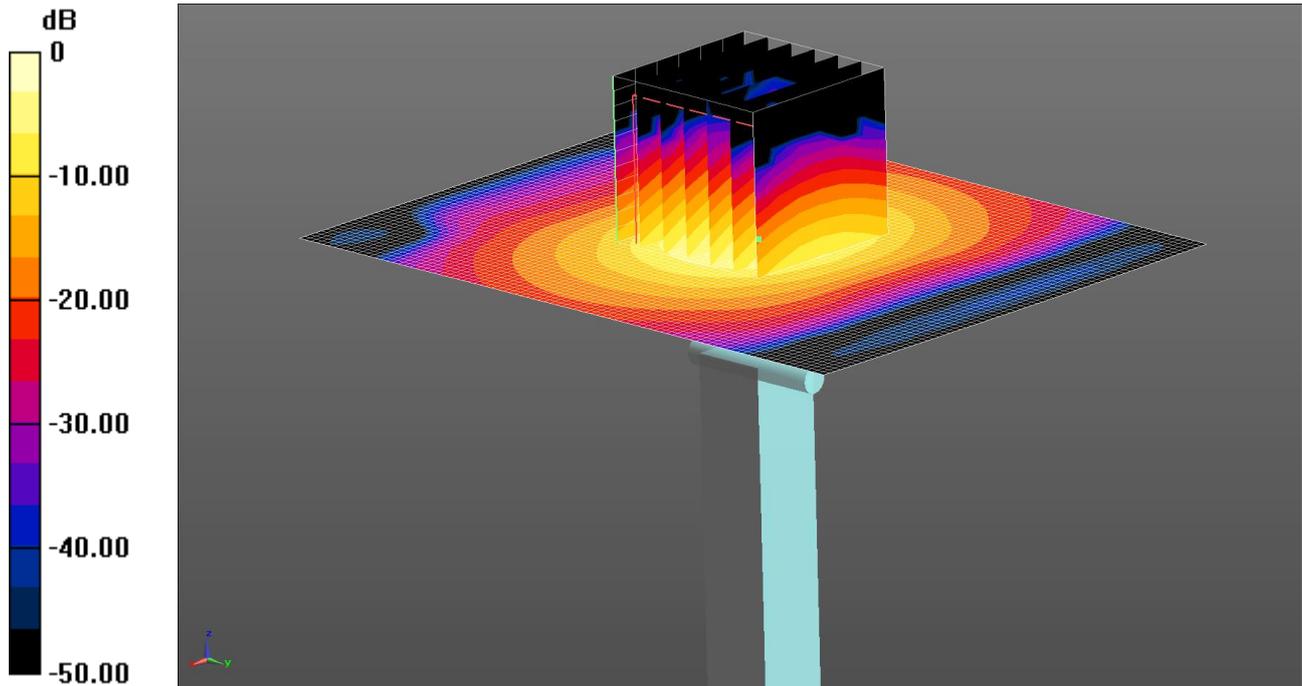
**SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.28 W/kg**

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

122: System Performance Check 5800 MHz Body 23 06 14

Date: 23/6/2014

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;  $\sigma = 6.184$  S/m;  $\epsilon_r = 47.546$ ;  $\rho = 1000$  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/Area Scan (71x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 37.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 32.3 W/kg

**SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2 W/kg**

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