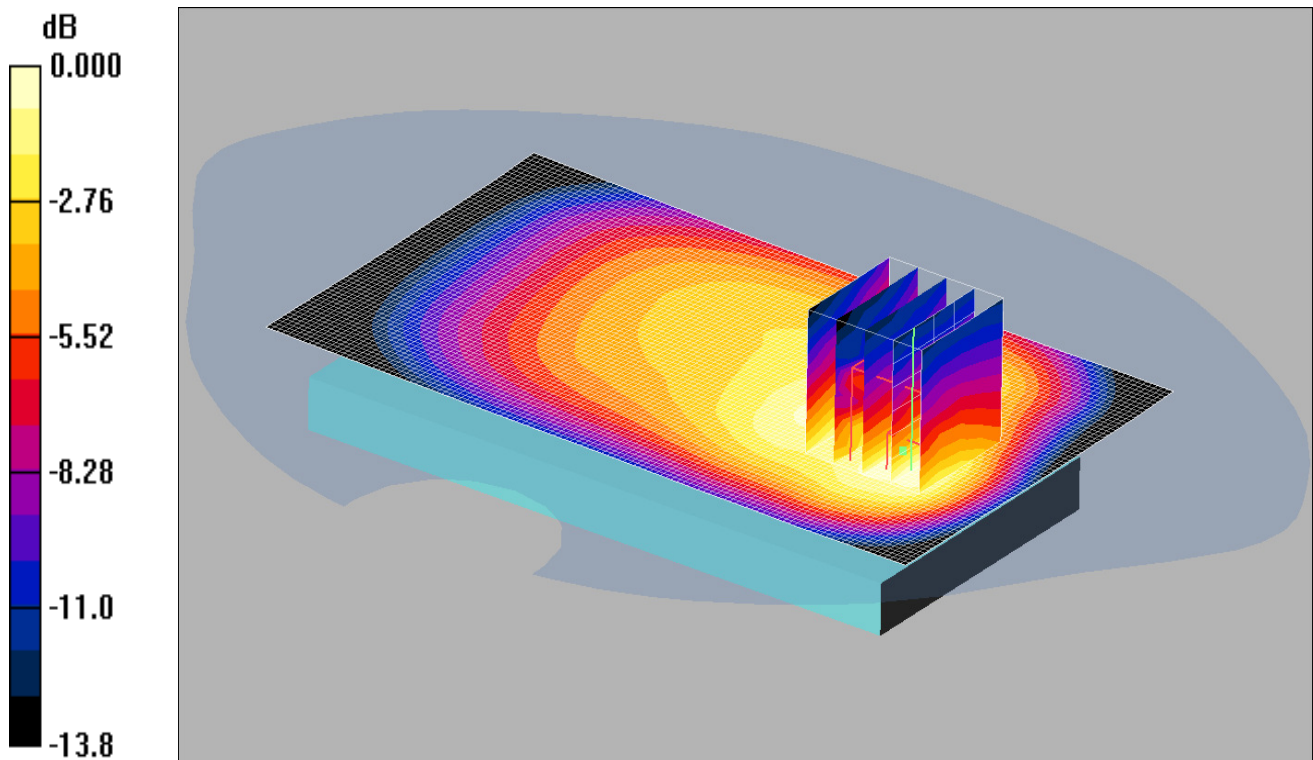


Date: 12/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.409mW/g

Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 1RB High - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.384 mW/g

**Back 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.001 dB

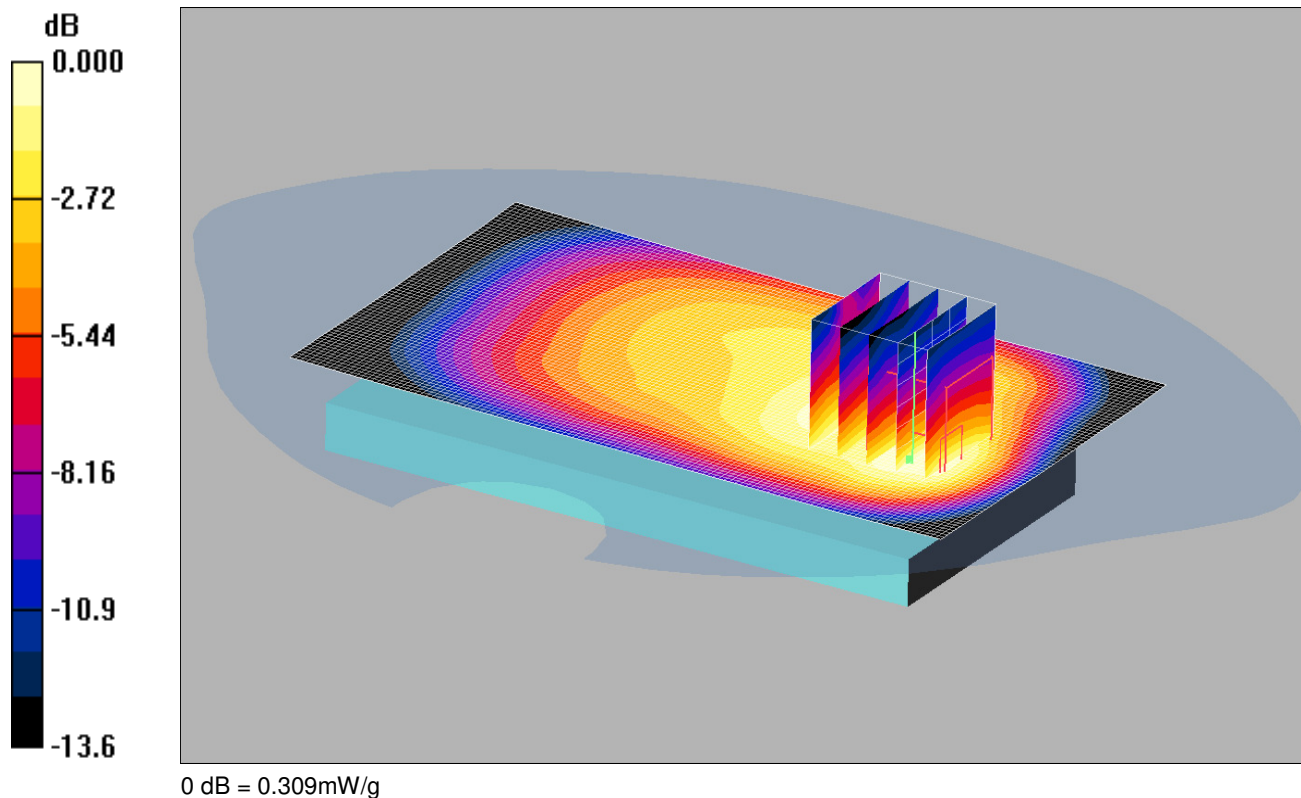
Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.409 mW/g

Date: 12/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

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

- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 50%RB Low - Hotspot - PBx 2 2/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.304 mW/g

**Back 50%RB Low - Hotspot - PBx 2 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.027 dB

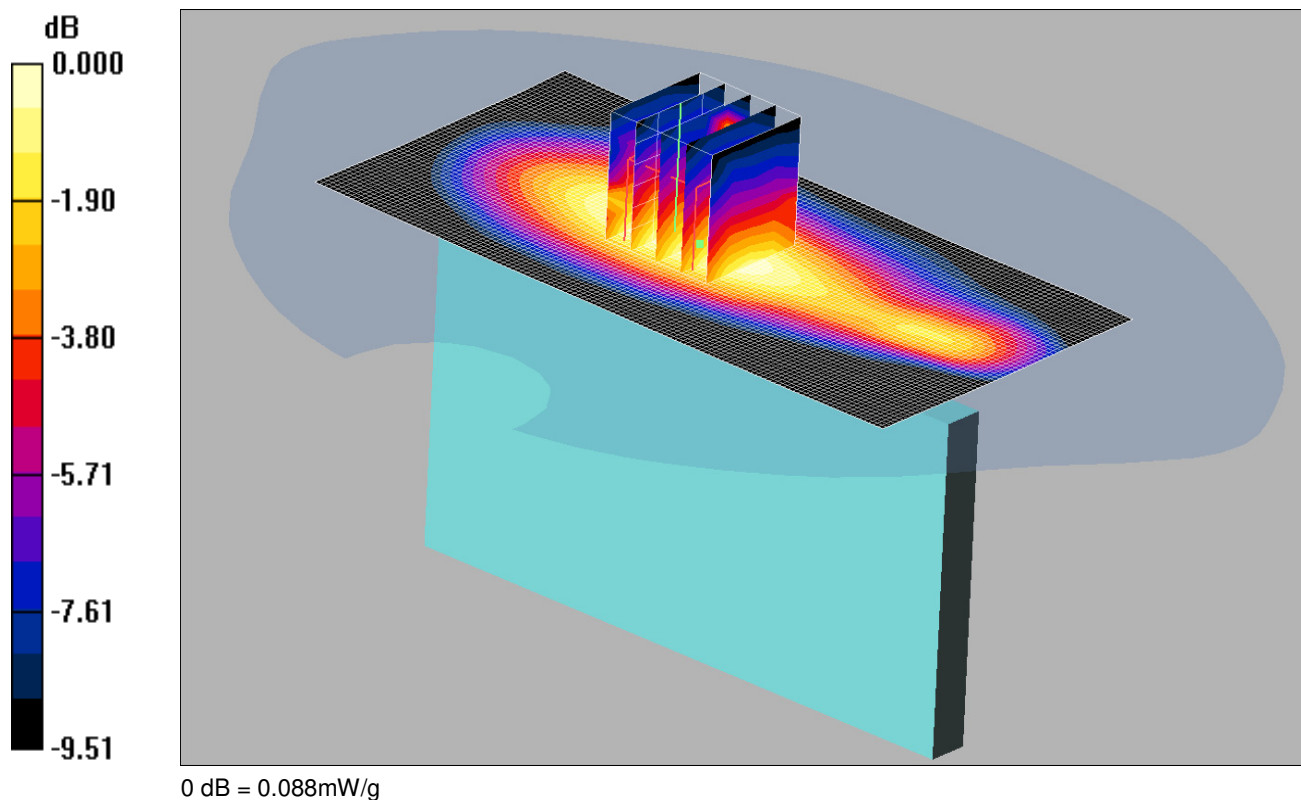
Peak SAR (extrapolated) = 0.613 W/kg

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.309 mW/g

Date: 12/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right 1RB High - Hotspot - PBx/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

**Right 1RB High - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.05 V/m; Power Drift = -0.054 dB

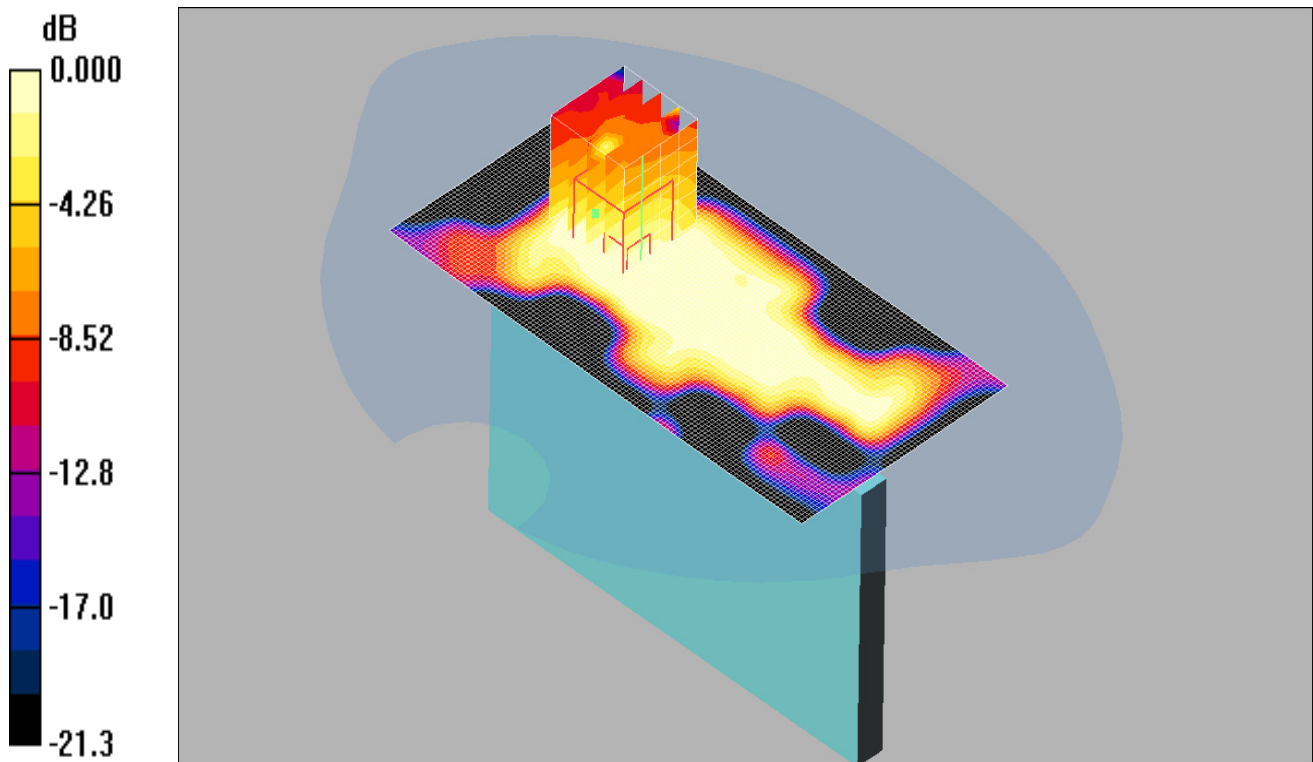
Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.088 mW/g

Date: 13/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right 50%RB Low - Hotspot - PBx/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.079 mW/g

**Right 50%RB Low - Hotspot - PBx/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.54 V/m; Power Drift = -0.130 dB

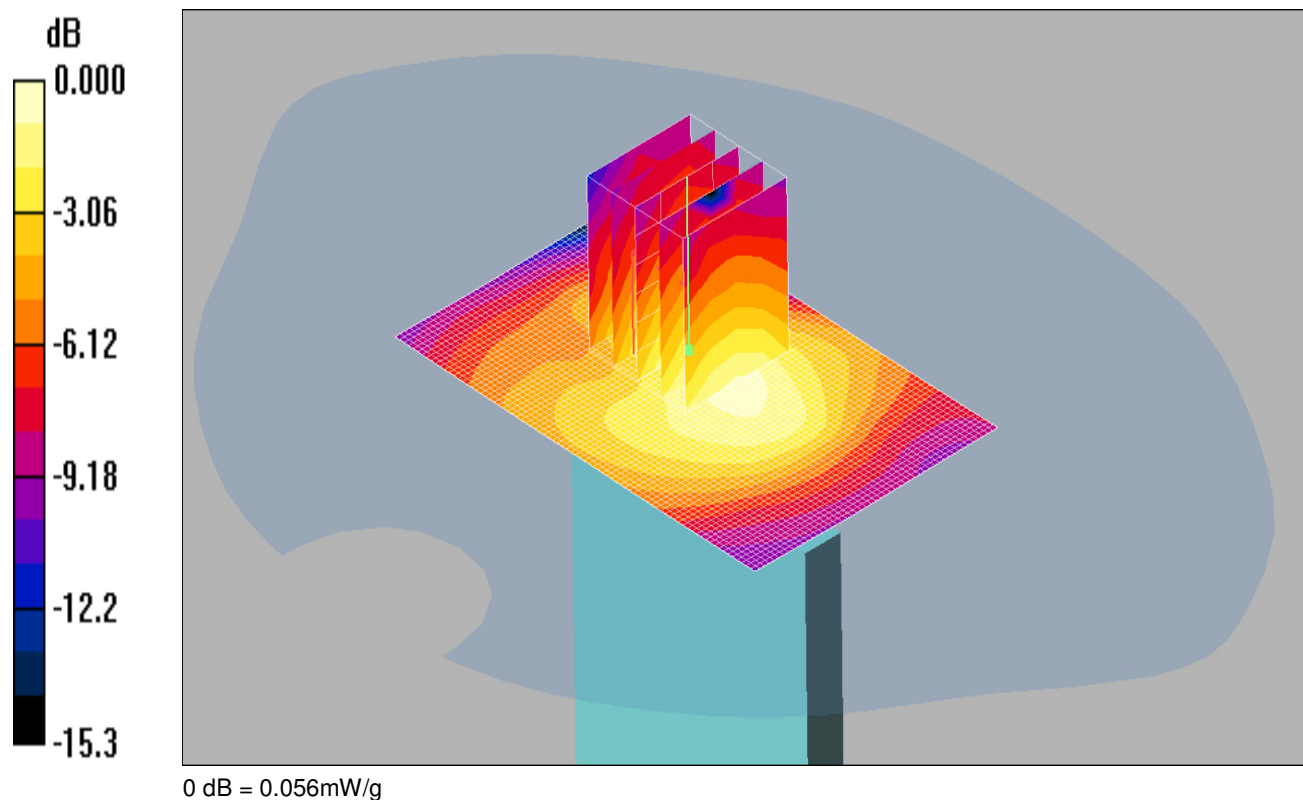
Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.055 mW/g

Date: 13/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

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

- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Bottom 1RB High - Hotspot - PBx 3/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

**Bottom 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = -0.119 dB

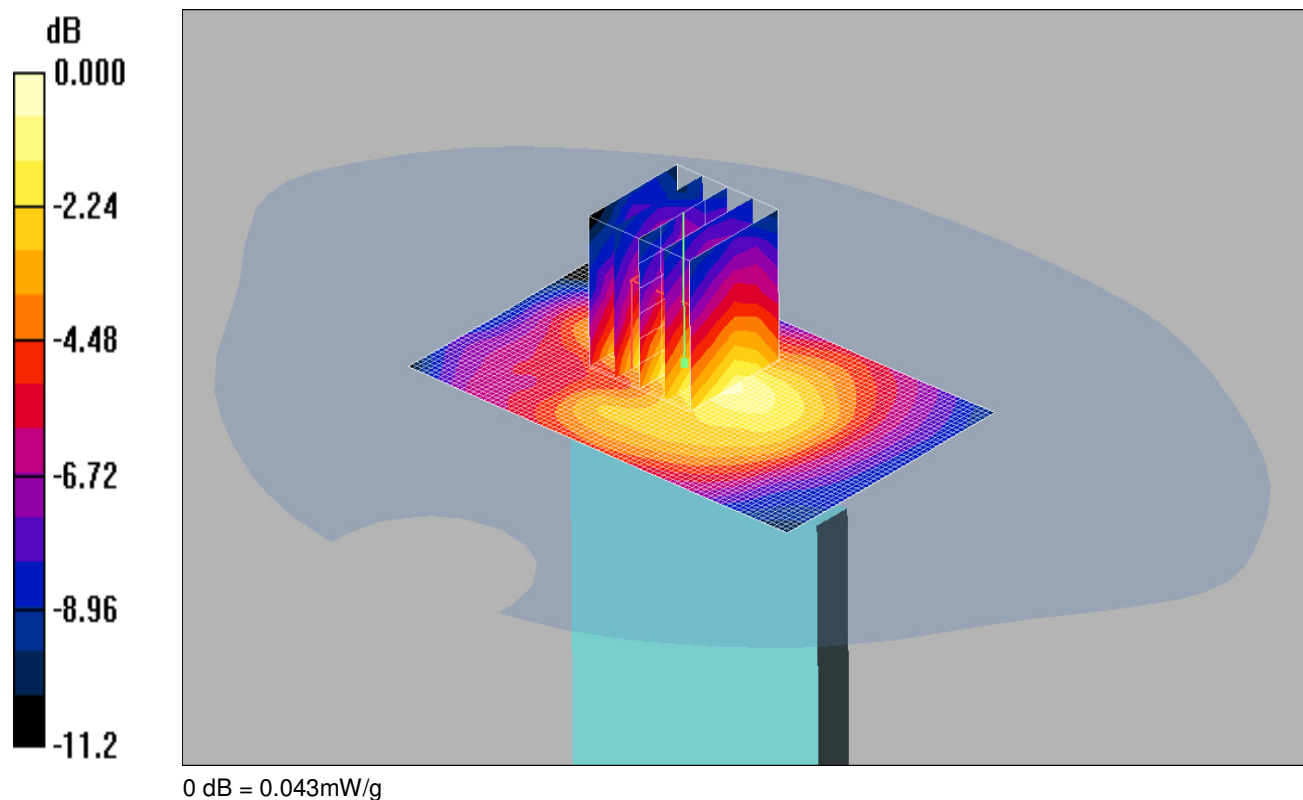
Peak SAR (extrapolated) = 0.077 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.056 mW/g

Date: 13/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.949$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Bottom 50%RB Low - Hotspot - PBx 3/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.044 mW/g

**Bottom 50%RB Low - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = -0.157 dB

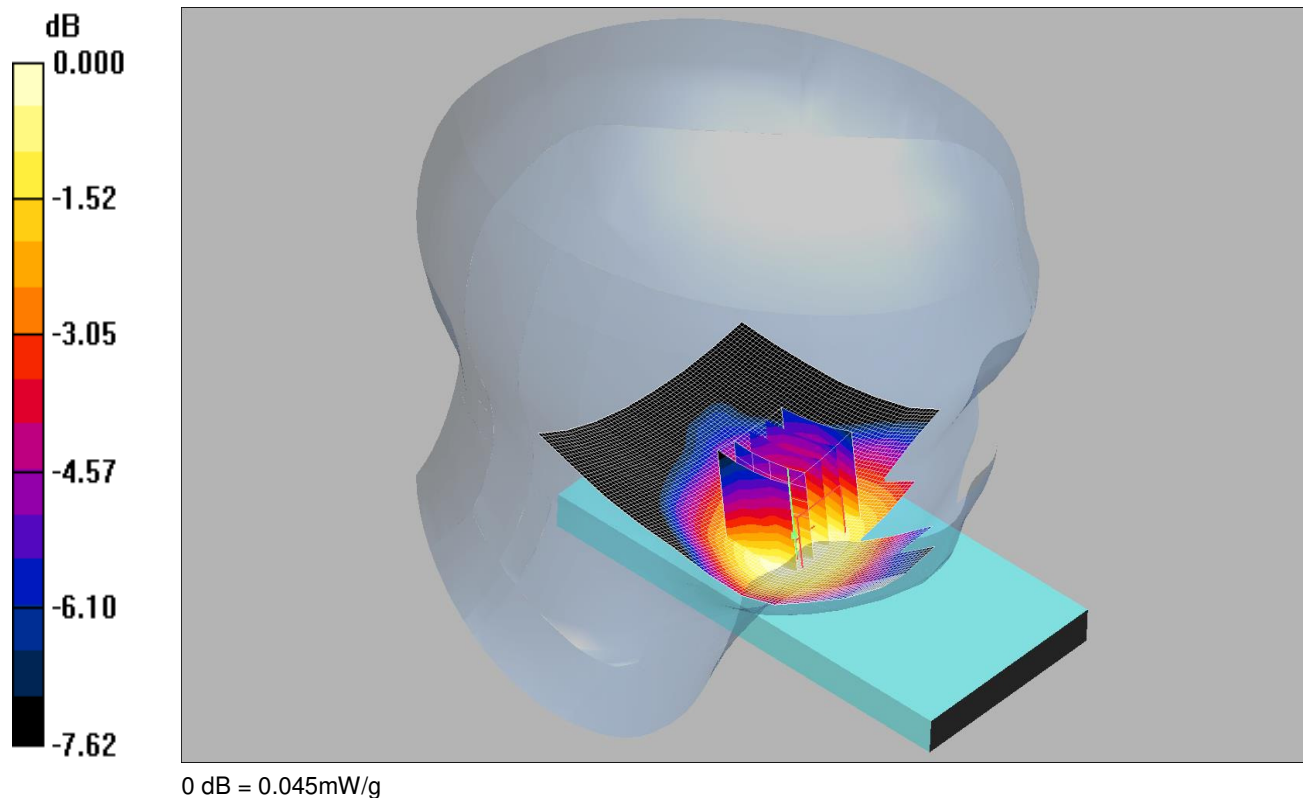
Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.043 mW/g

Date: 18/04/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.837$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.044 mW/g

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

Reference Value = 2.43 V/m; Power Drift = 0.182 dB

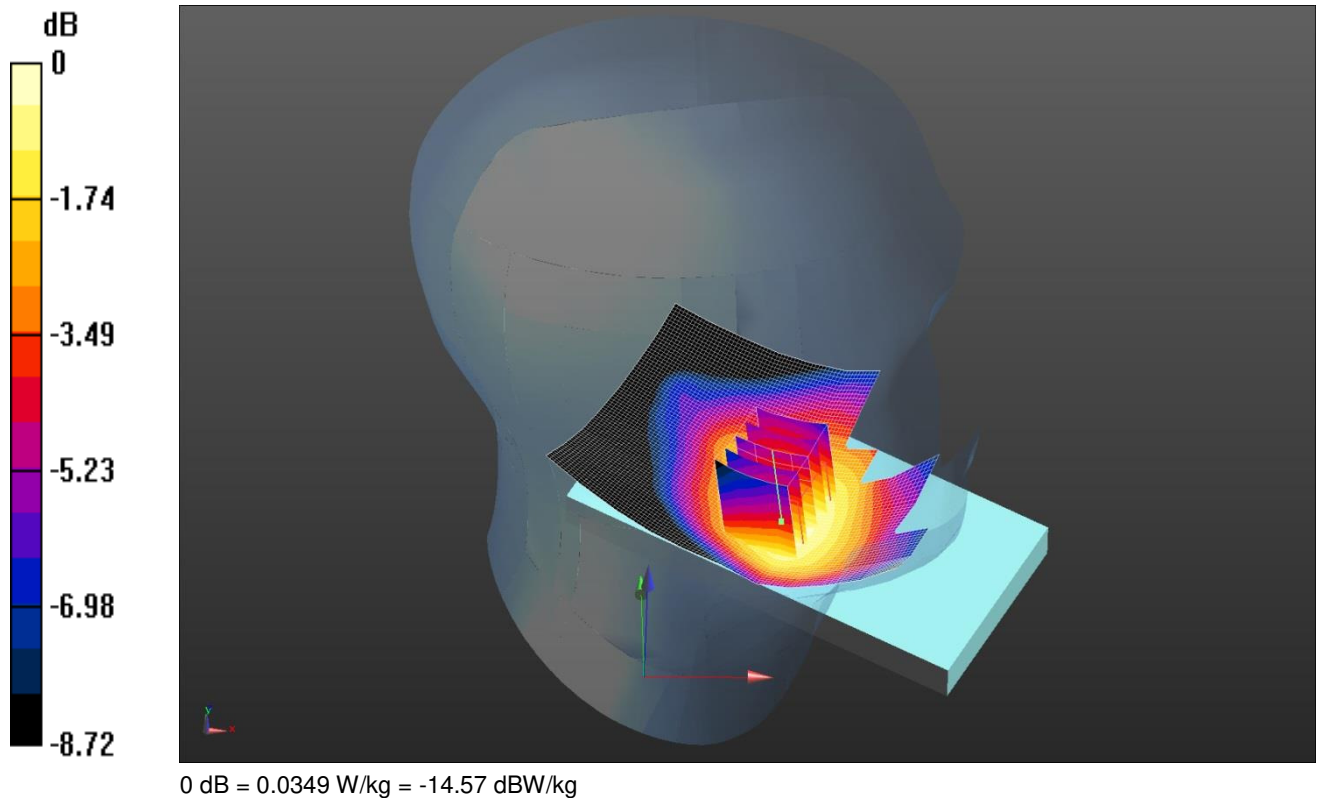
Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g

Date: 18/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.838$  S/m;  $\epsilon_r = 40.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6); Calibrated: 22/5/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/9/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left - Head - PBx/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0343 W/kg

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

Reference Value = 2.162 V/m; Power Drift = 0.12 dB

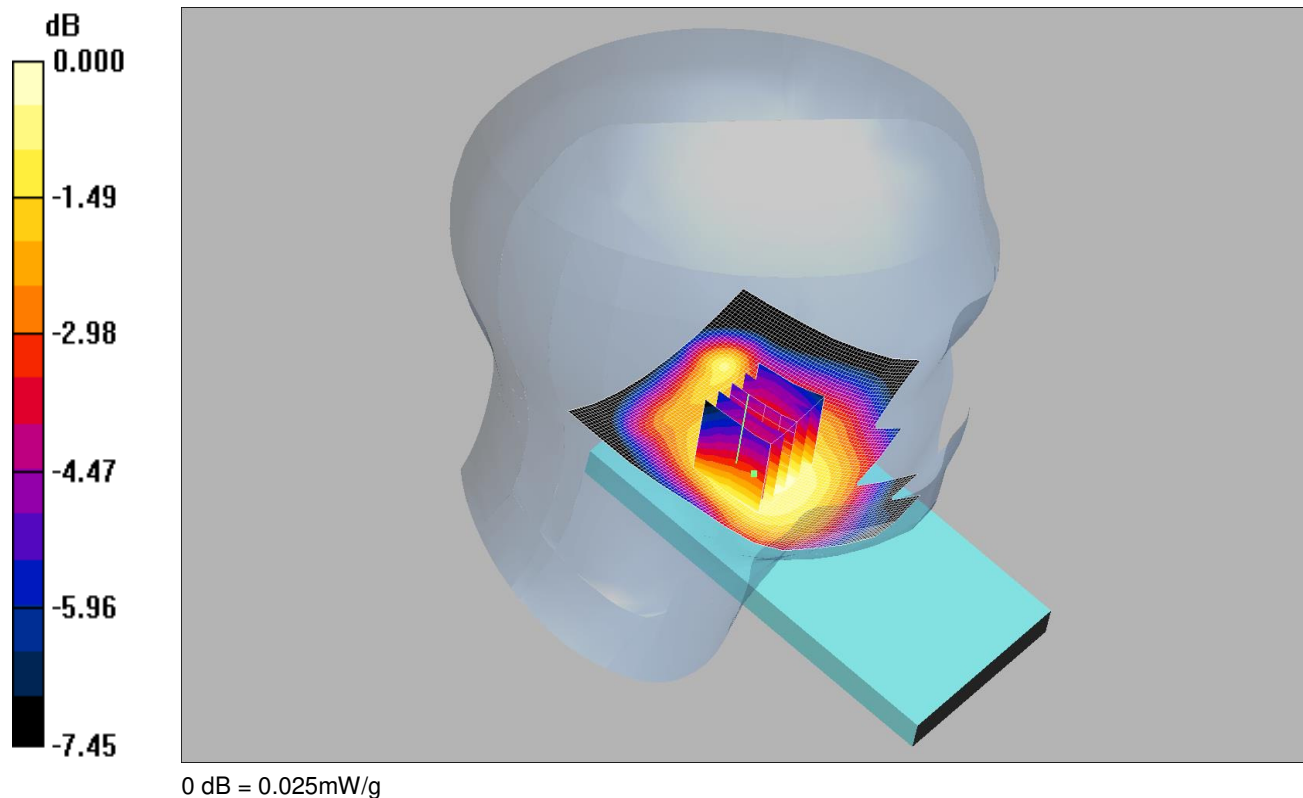
Peak SAR (extrapolated) = 0.0420 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0349 W/kg

Date: 18/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.837$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.024 mW/g

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

Reference Value = 3.64 V/m; Power Drift = -0.053 dB

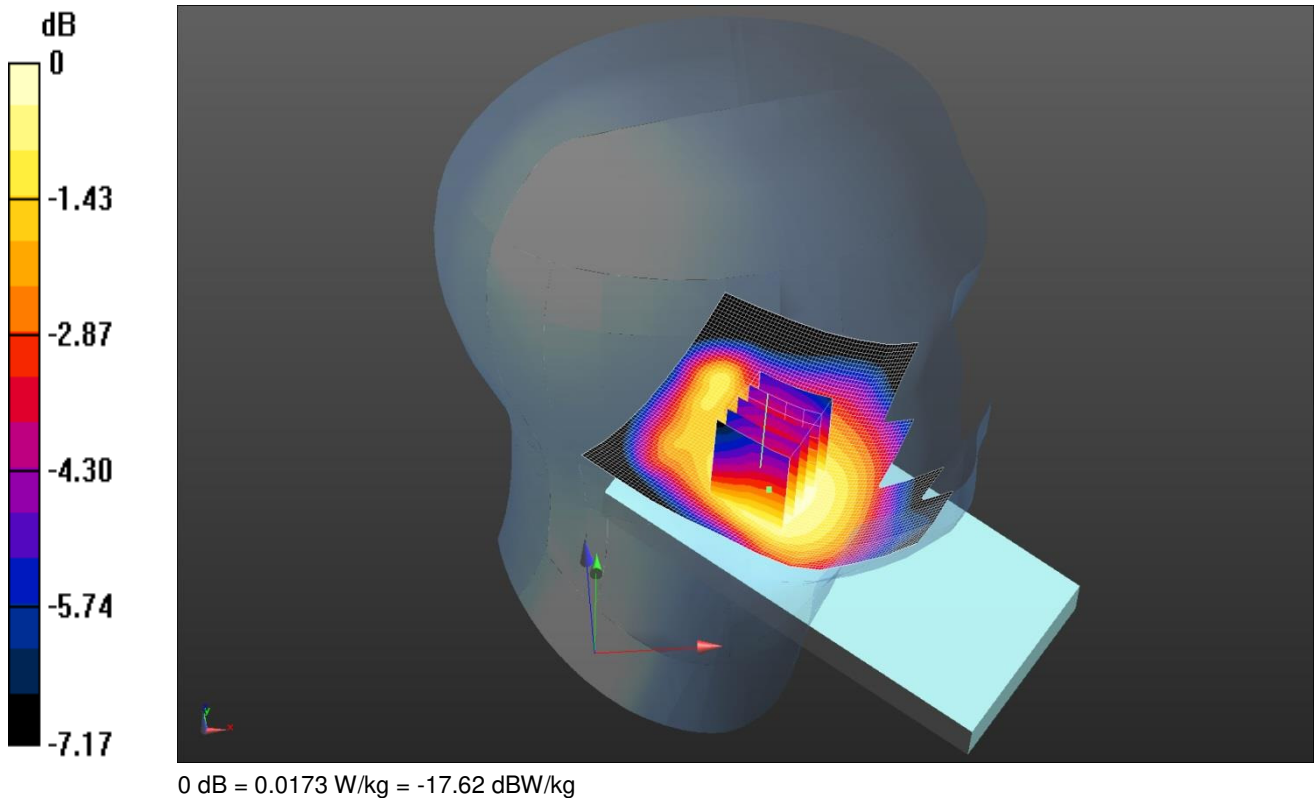
Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g

Date: 18/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.838$  S/m;  $\epsilon_r = 40.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6); Calibrated: 22/5/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/9/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left - Head - PBx/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0170 W/kg

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

Reference Value = 3.201 V/m; Power Drift = 0.01 dB

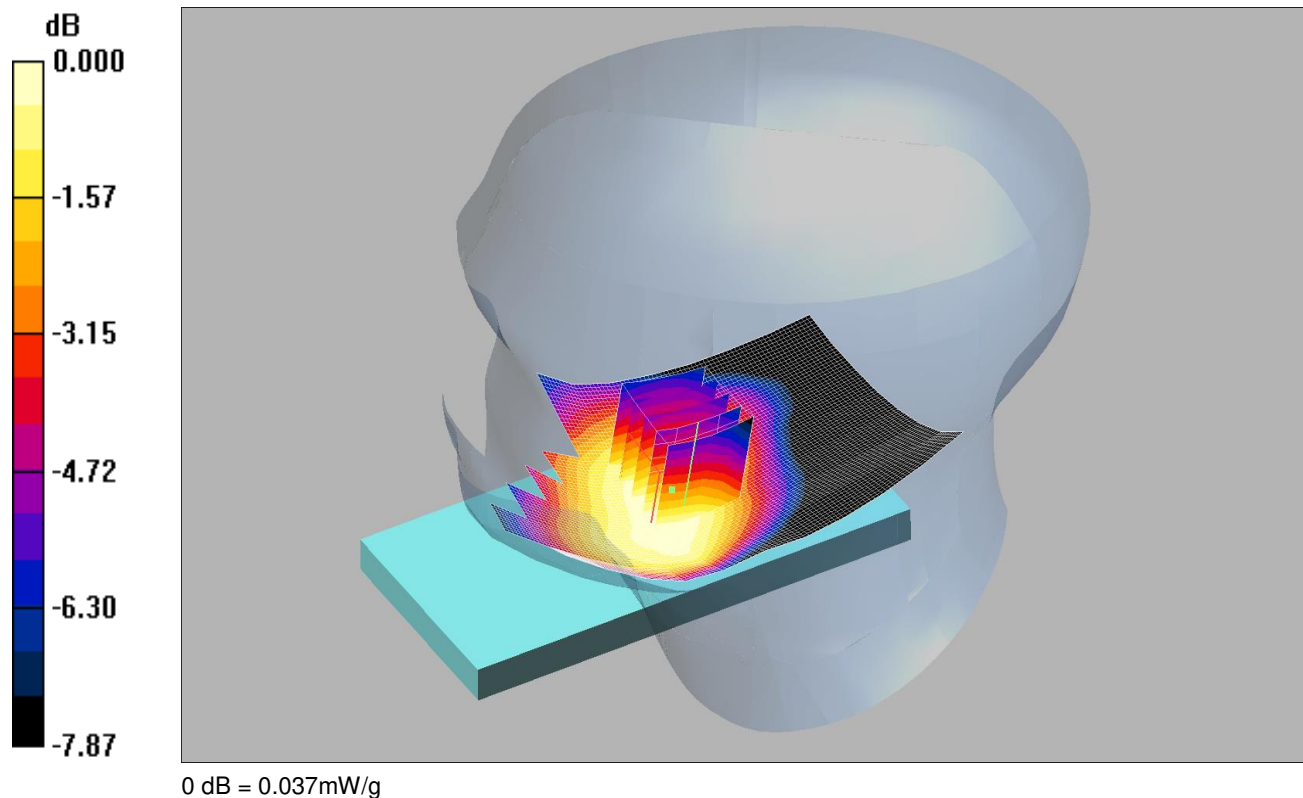
Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0173 W/kg

Date: 18/04/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.837$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.037 mW/g

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

Reference Value = 2.14 V/m; Power Drift = -0.044 dB

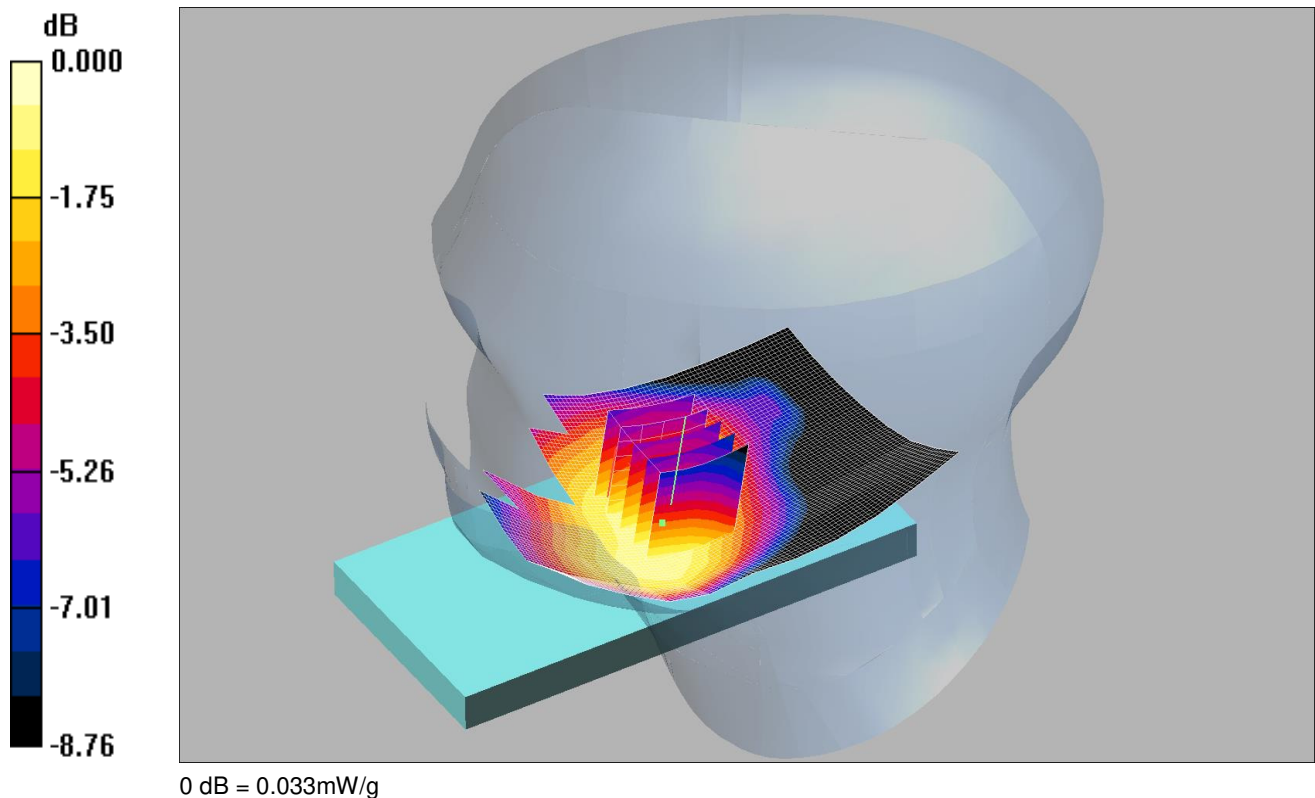
Peak SAR (extrapolated) = 0.048 W/kg

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.037 mW/g

Date: 18/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.838$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 1.75 V/m; Power Drift = 0.060 dB

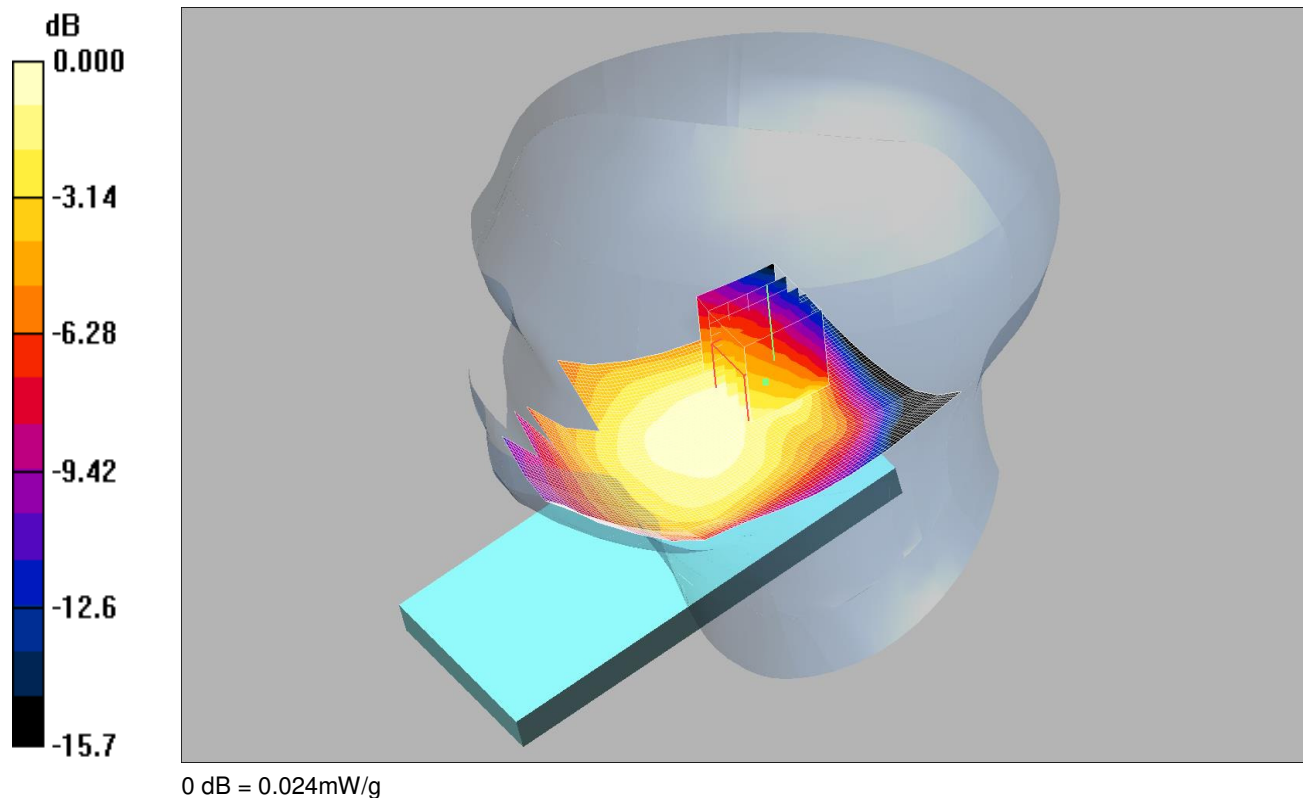
Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.021 mW/g**

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

Date: 18/04/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 709 \text{ MHz}$ ;  $\sigma = 0.837 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.024 mW/g

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

Reference Value = 3.58 V/m; Power Drift = 0.010 dB

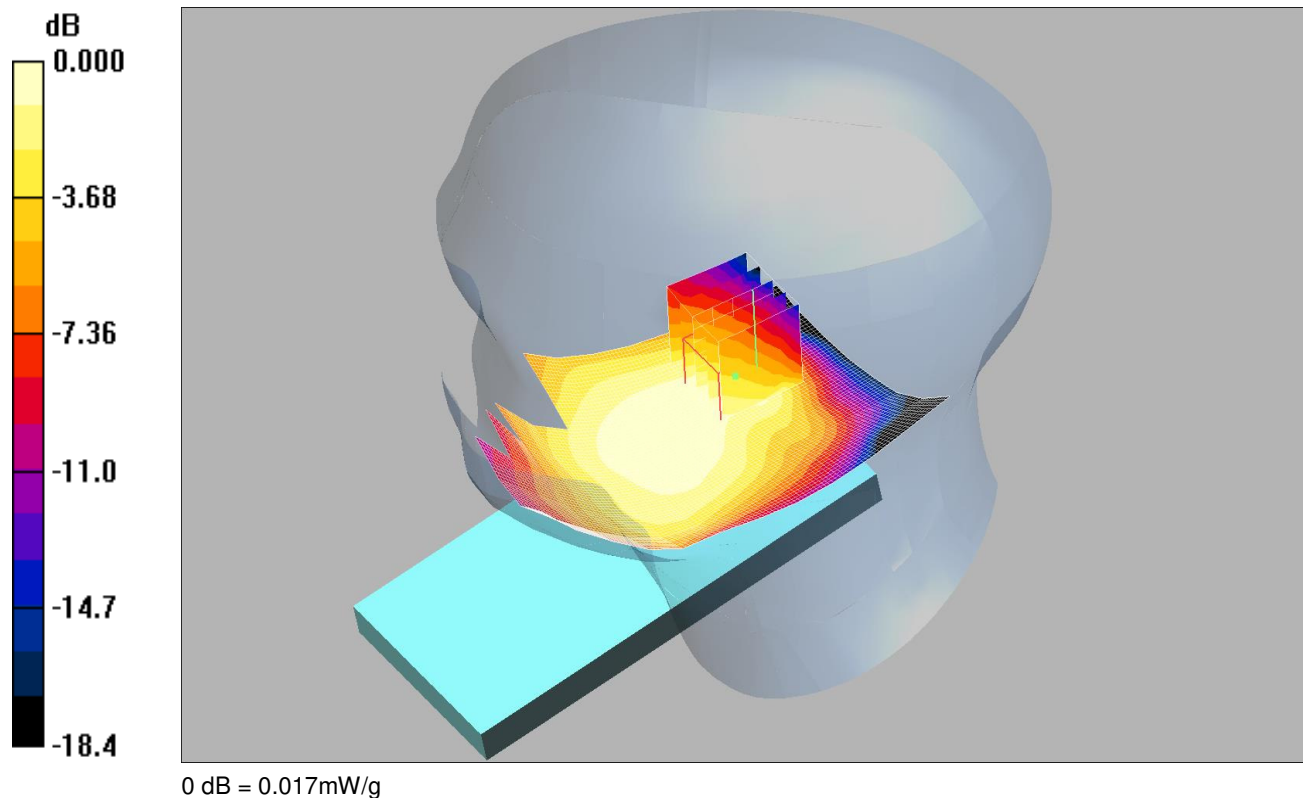
Peak SAR (extrapolated) = 0.058 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.024 mW/g

Date: 18/04/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.838$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.018 mW/g

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

Reference Value = 3.01 V/m; Power Drift = 0.008 dB

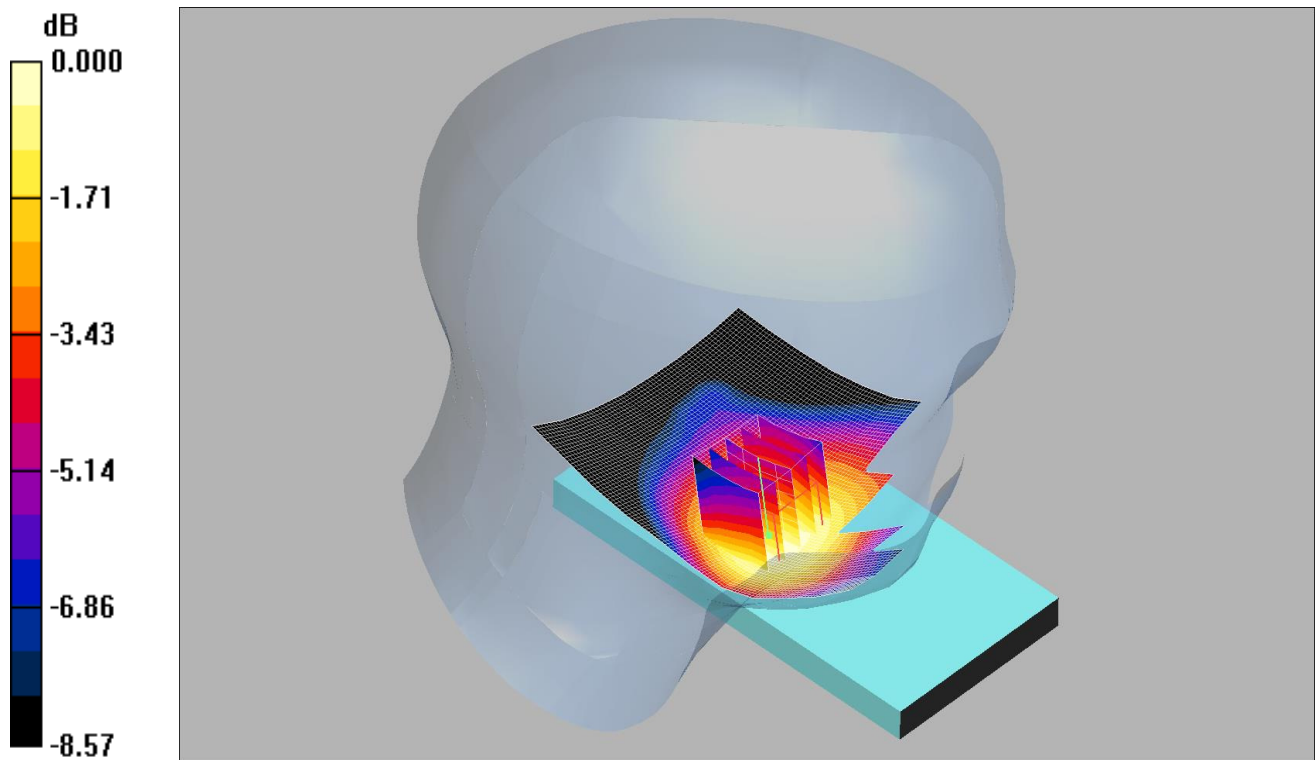
Peak SAR (extrapolated) = 0.040 W/kg

**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00939 mW/g**

Maximum value of SAR (measured) = 0.017 mW/g

Date: 18/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.048mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 710 \text{ MHz}$ ;  $\sigma = 0.838 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.048 mW/g

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

Reference Value = 2.49 V/m; Power Drift = 0.059 dB

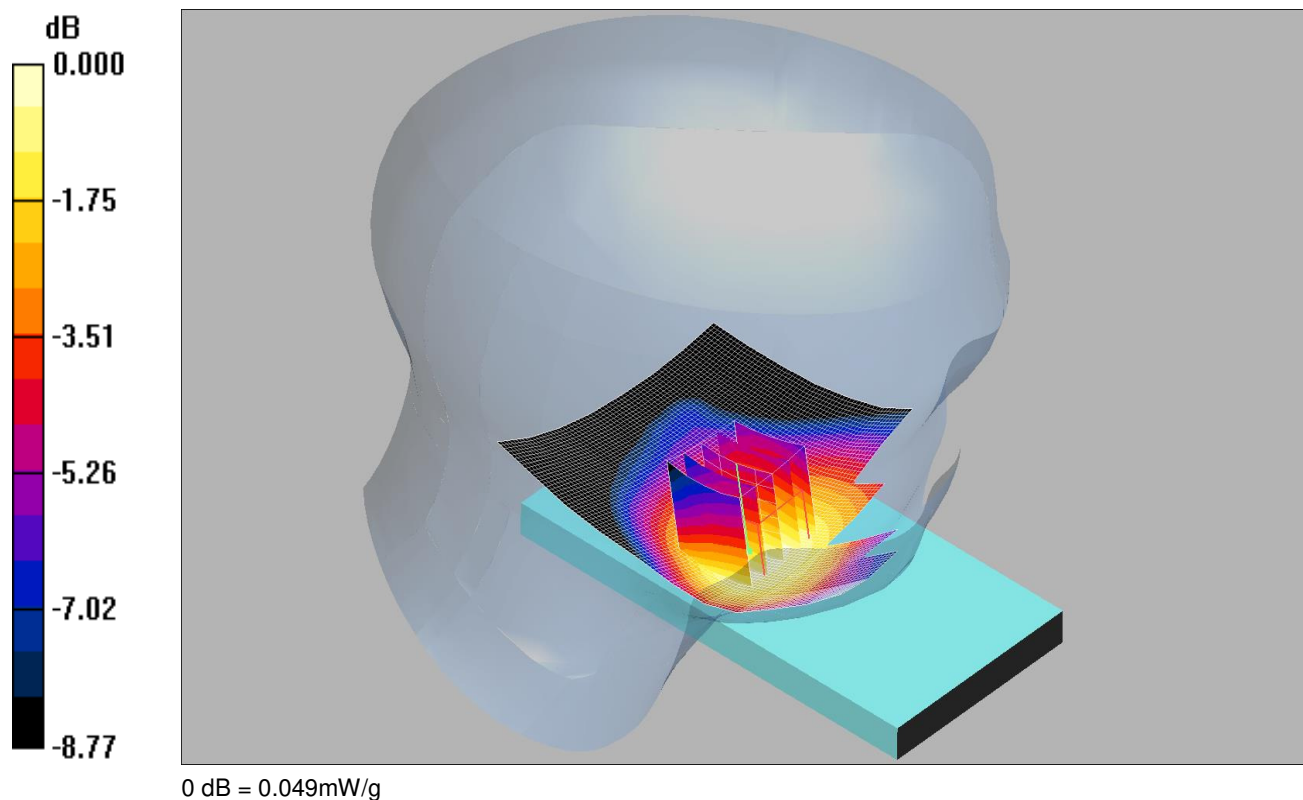
Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.048 mW/g

Date: 18/04/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 750 MHz HSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.838$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.048 mW/g

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

Reference Value = 2.49 V/m; Power Drift = 0.091 dB

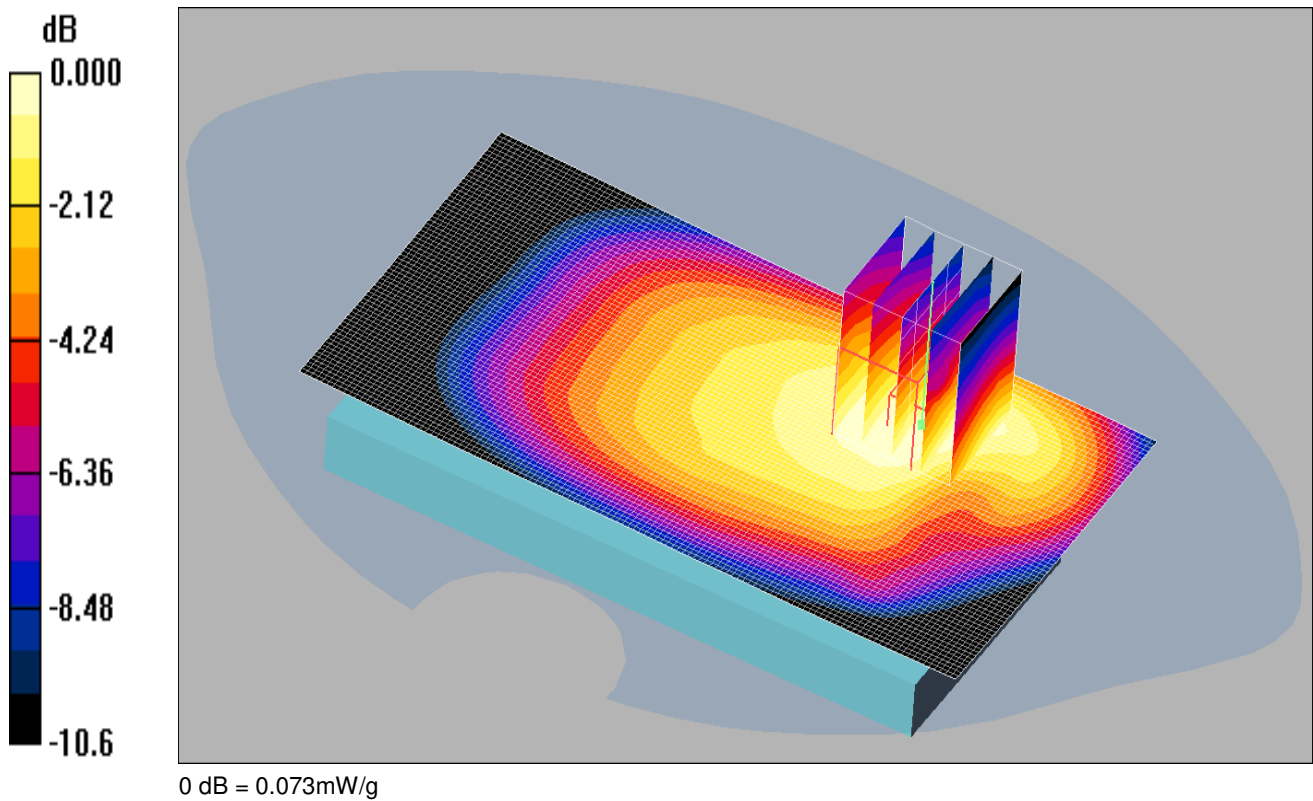
Peak SAR (extrapolated) = 0.059 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g

Date: 16/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

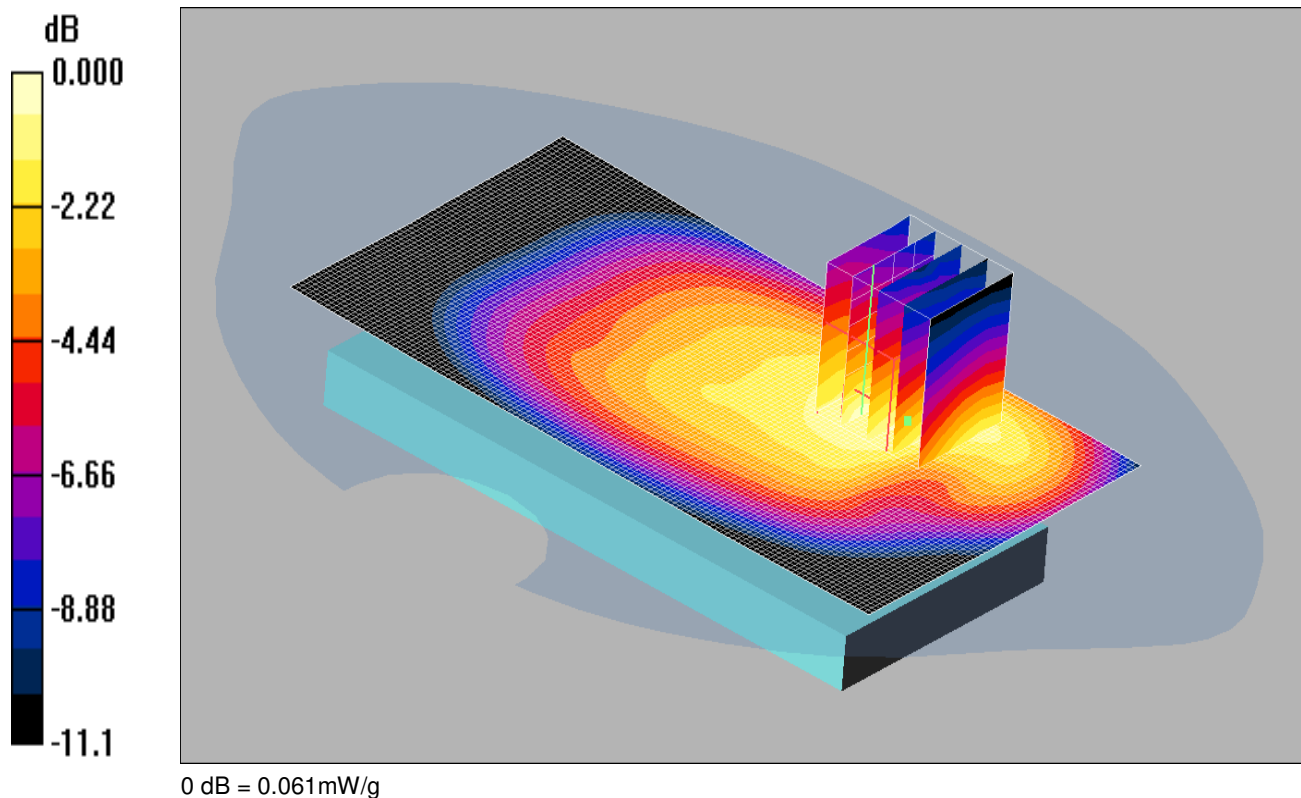
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front 1RB High - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.074 mW/g

**Front 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.74 V/m; Power Drift = 0.039 dB  
Peak SAR (extrapolated) = 0.094 W/kg  
**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.050 mW/g**  
Maximum value of SAR (measured) = 0.073 mW/g

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front 50%RB Low - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.054 mW/g

**Front 50%RB Low - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.64 V/m; Power Drift = -0.061 dB

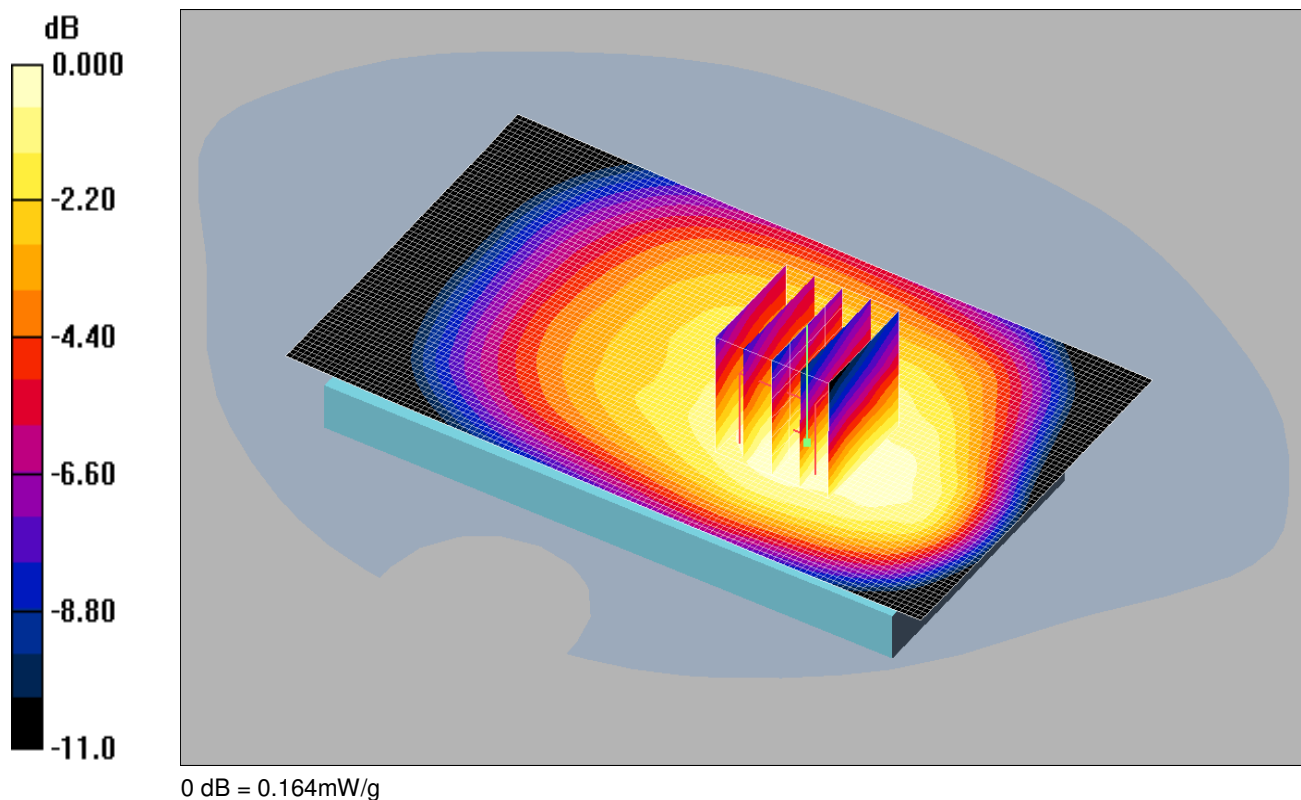
Peak SAR (extrapolated) = 0.076 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.037 mW/g**

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

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 1RB High - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.165 mW/g

**Back 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.051 dB

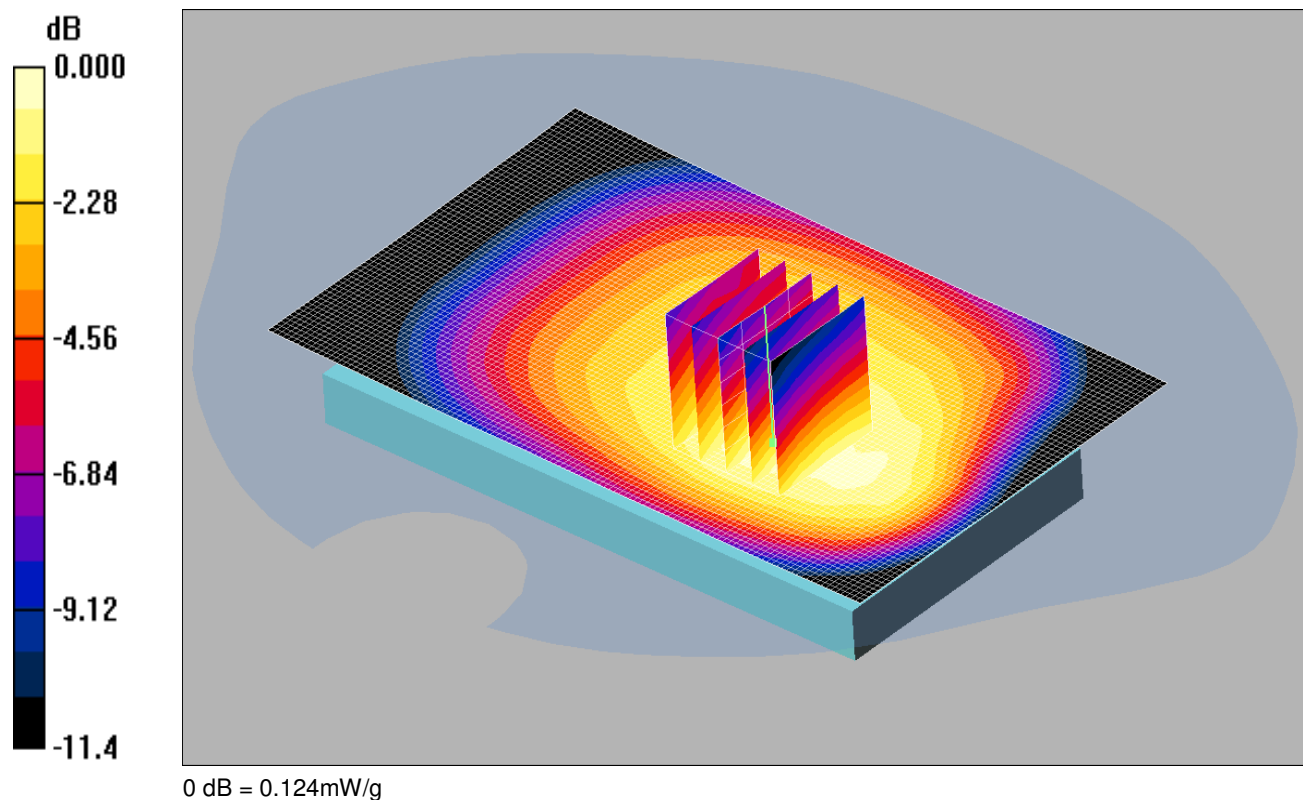
Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.164 mW/g

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 50%RB Low - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.120 mW/g

**Back 50%RB Low - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.015 dB

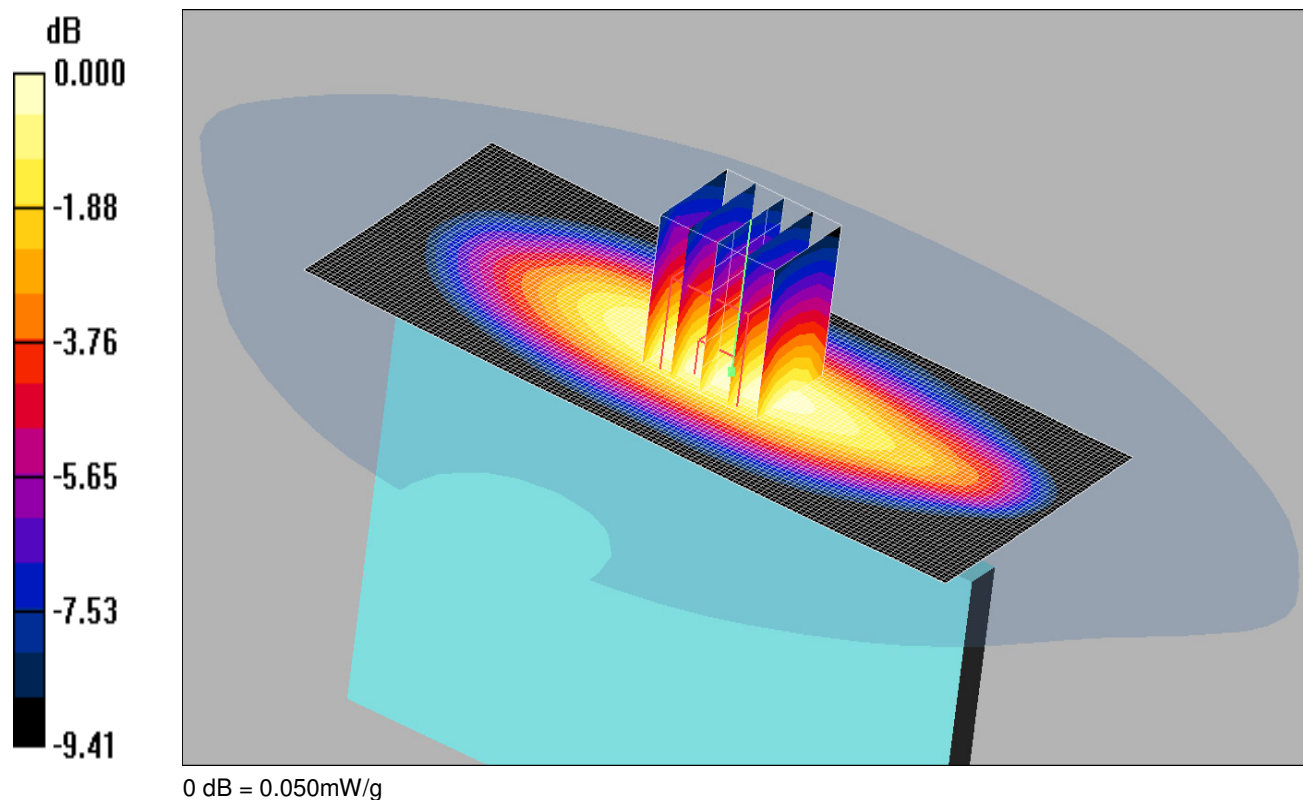
Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.124 mW/g

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

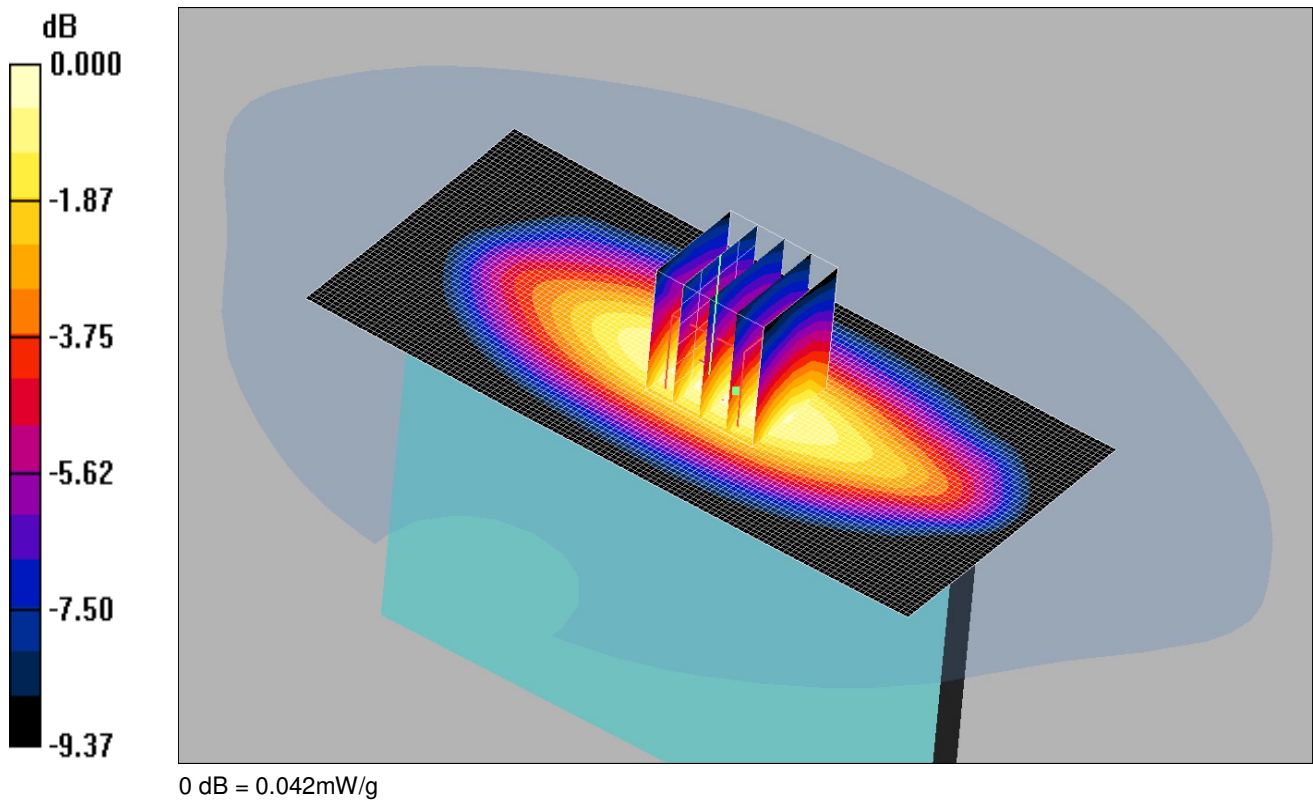
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right 1RB High - Hotspot - PBx/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.049 mW/g

**Right 1RB High - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.01 V/m; Power Drift = -0.150 dB  
Peak SAR (extrapolated) = 0.066 W/kg  
**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.033 mW/g**  
Maximum value of SAR (measured) = 0.050 mW/g

Date: 16/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

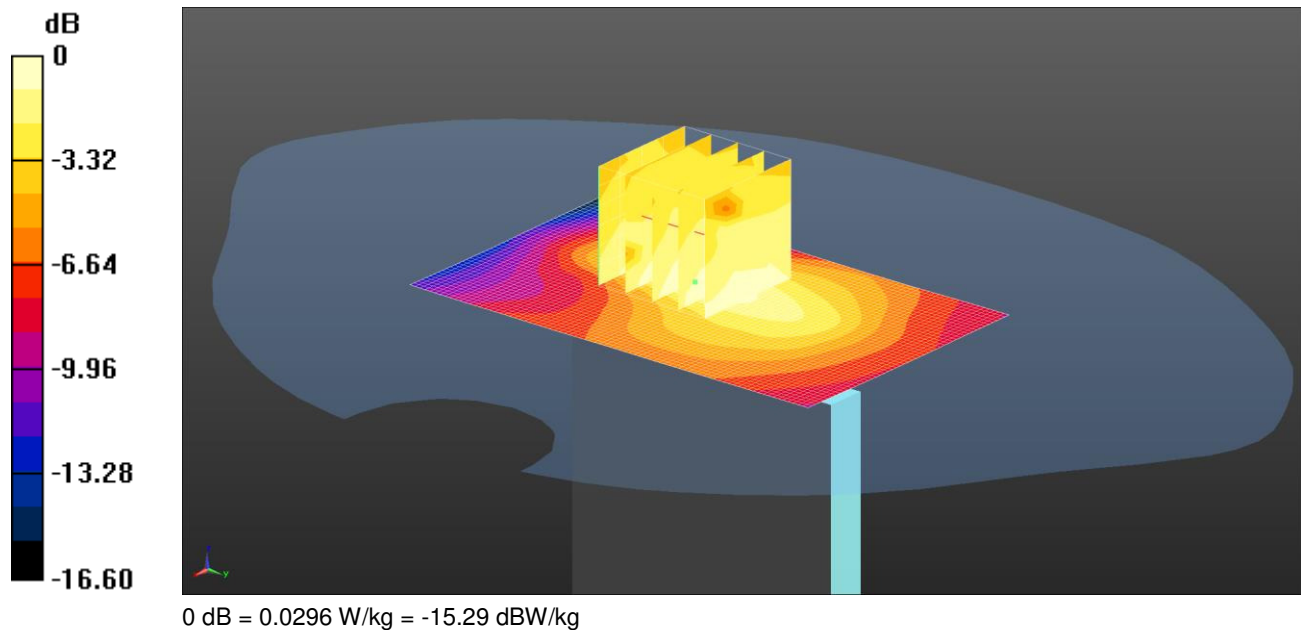
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right 50%RB Low - Hotspot - PBx/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.040 mW/g

**Right 50%RB Low - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.26 V/m; Power Drift = -0.002 dB  
Peak SAR (extrapolated) = 0.054 W/kg  
**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.027 mW/g**  
Maximum value of SAR (measured) = 0.042 mW/g

Date: 16/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

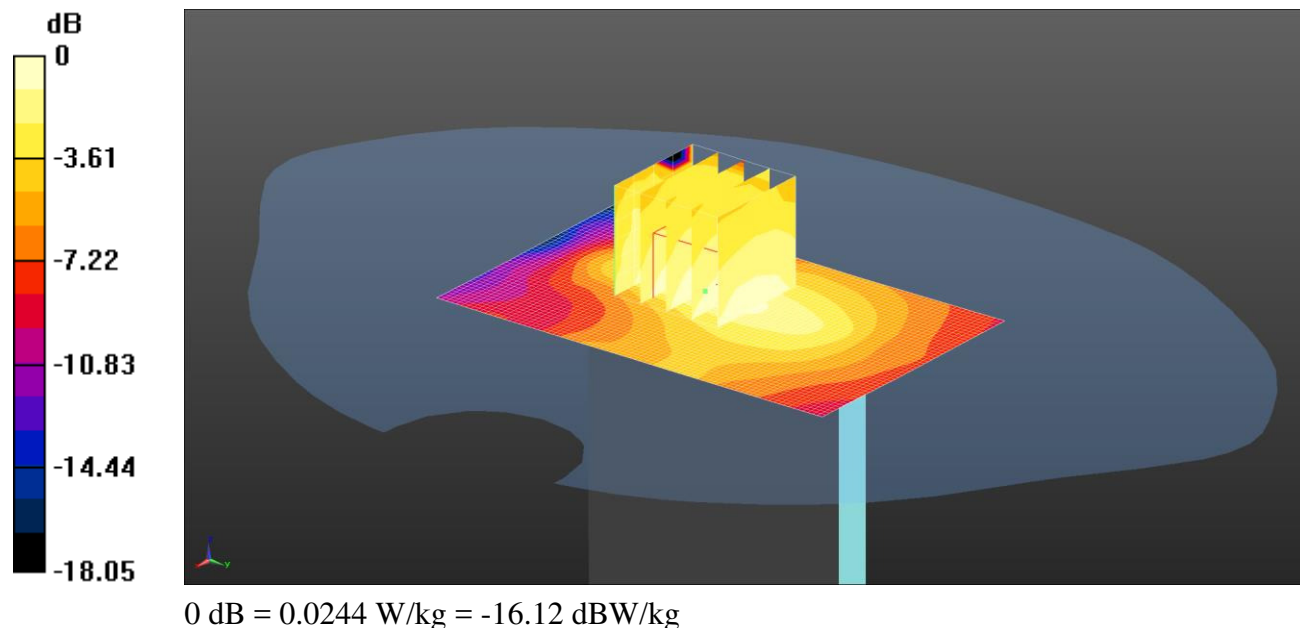
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Bottom 1RB High - Hotspot - PBx 3/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.030 mW/g

**Bottom 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.64 V/m; Power Drift = 0.058 dB  
Peak SAR (extrapolated) = 0.053 W/kg  
**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g**  
Maximum value of SAR (measured) = 0.027 mW/g

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

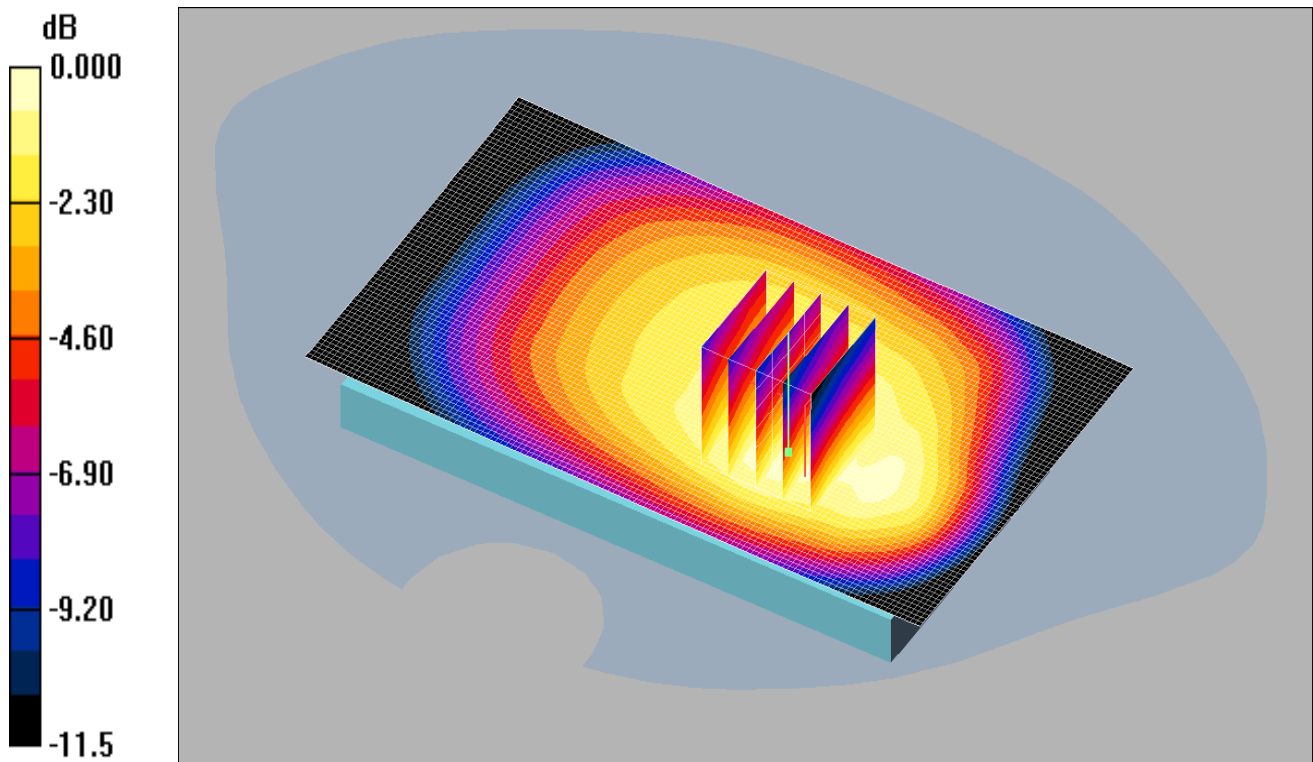
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Bottom 50%RB Low - Hotspot - PBx 3/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.024 mW/g

**Bottom 50%RB Low - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.09 V/m; Power Drift = -0.138 dB  
Peak SAR (extrapolated) = 0.029 W/kg  
**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g**  
Maximum value of SAR (measured) = 0.022 mW/g

Date: 17/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.158mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 710$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 1RB High - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

**Back 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.109 dB

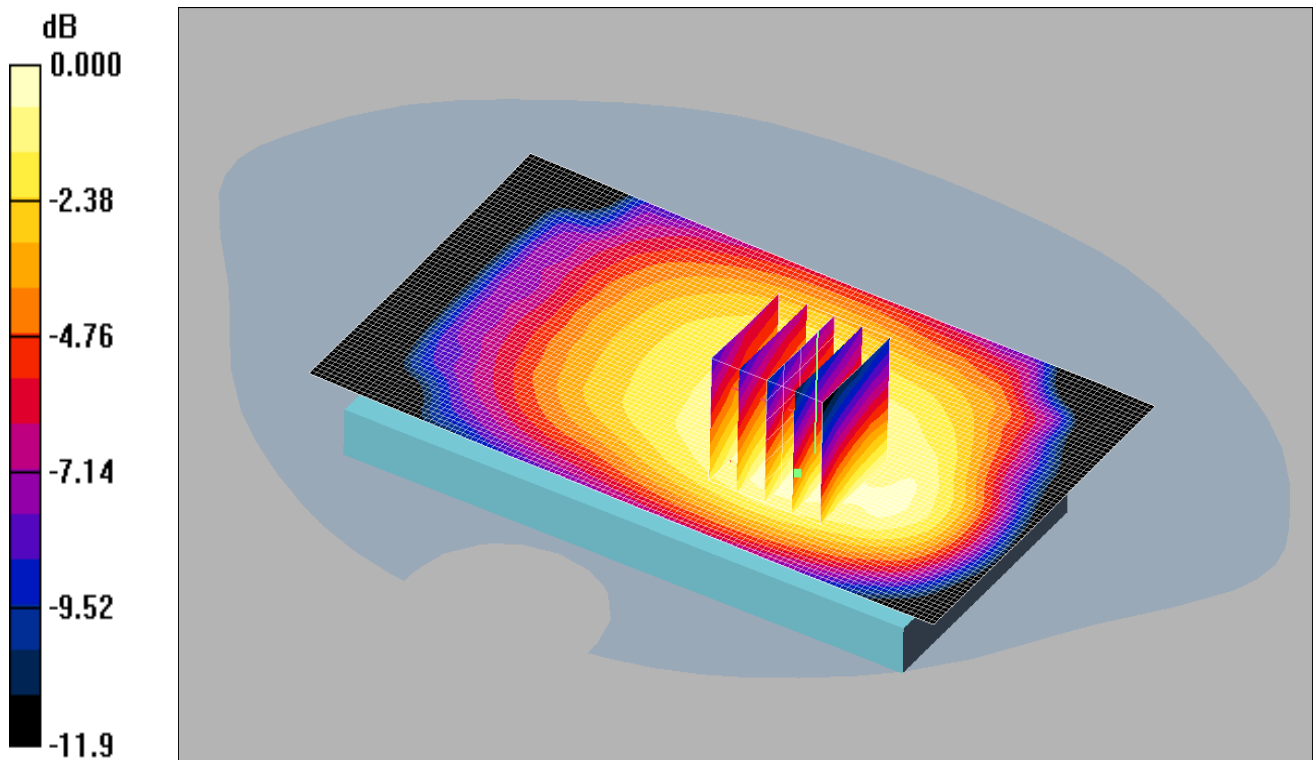
Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g

Date: 17/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.163mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: 900/750 MHz MSL Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Back 1RB High - Hotspot - PBx 3/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.163 mW/g

**Back 1RB High - Hotspot - PBx 3/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.051 dB

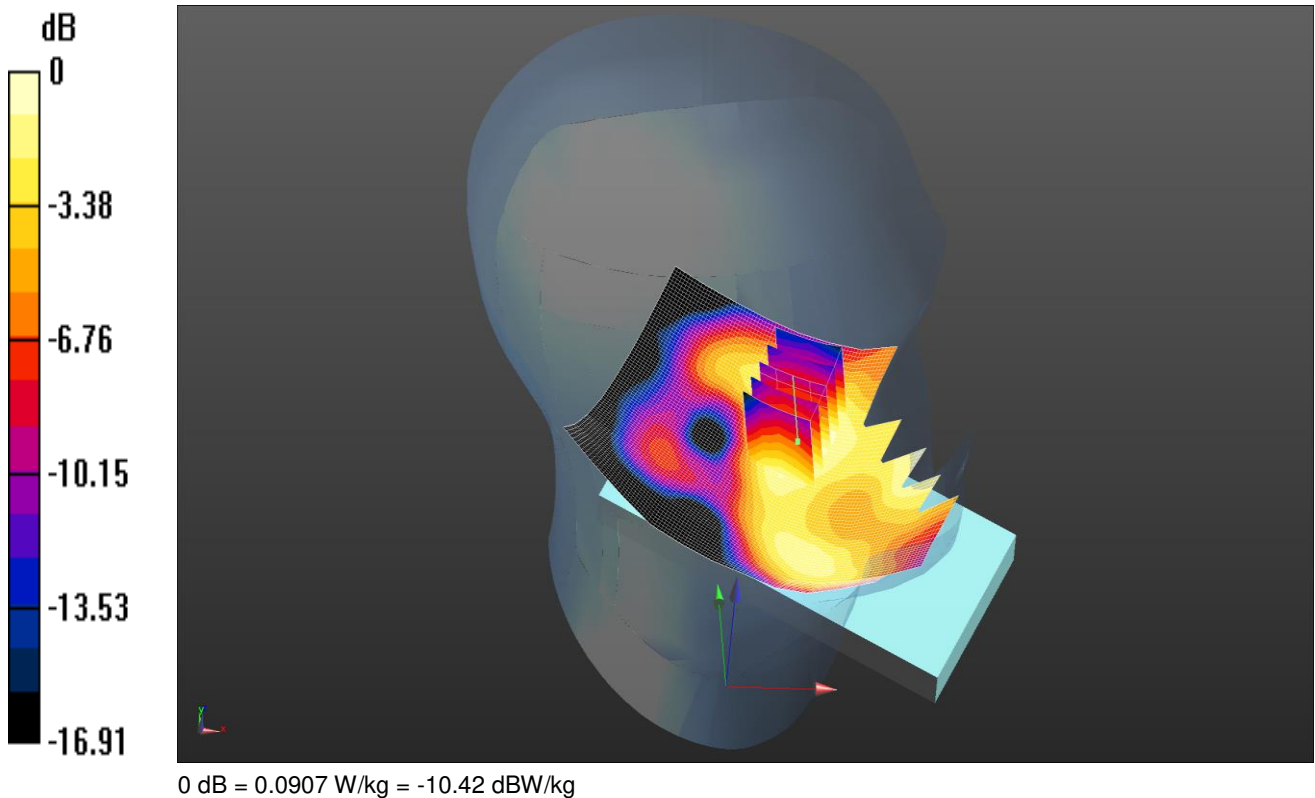
Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.163 mW/g

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.0894 W/kg

**Configuration/Touch Left 1RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  
 $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.282 V/m; Power Drift = 0.18 dB

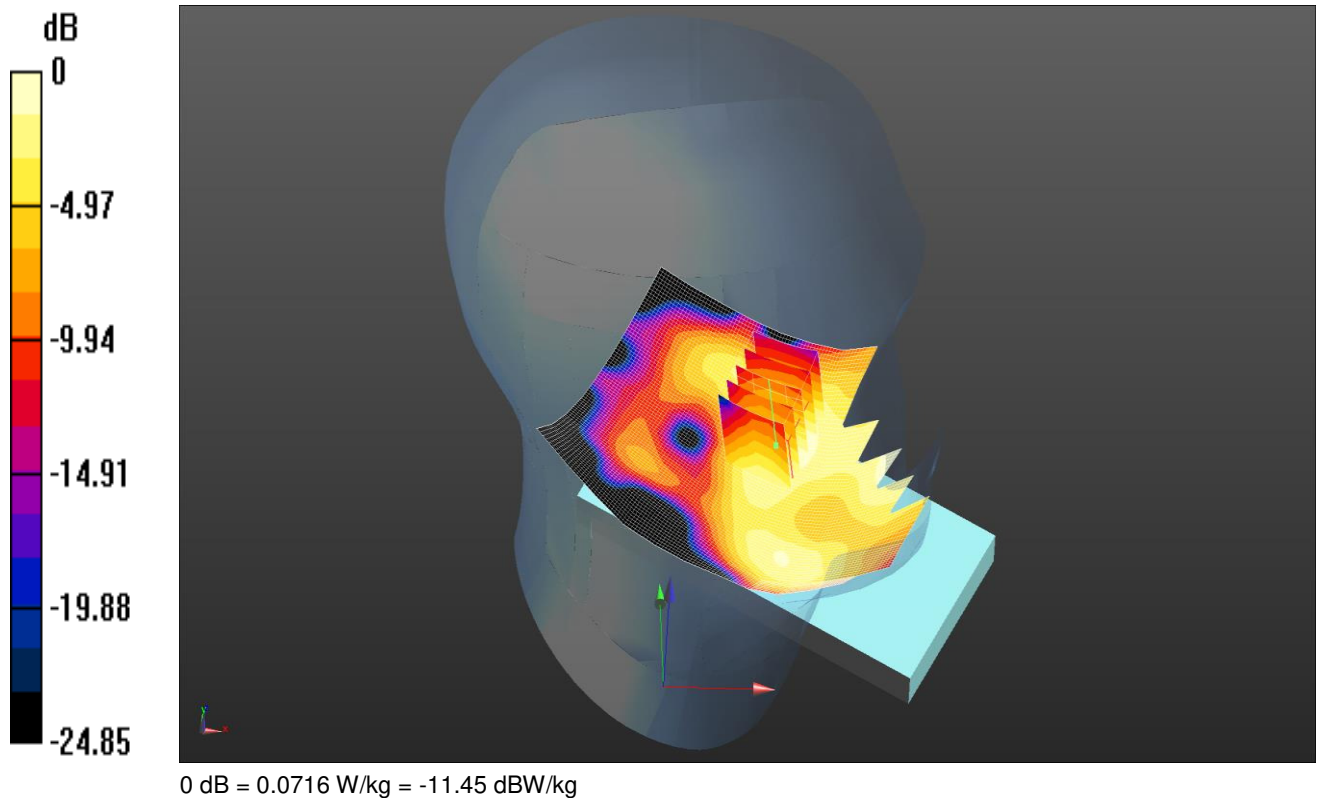
Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.056 W/kg**

Maximum value of SAR (measured) = 0.0907 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Left 50%RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0708 W/kg

**Configuration/Touch Left 50%RB Low - Head - PB0/Zoom Scan (7x7x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.881 V/m; Power Drift = 0.19 dB

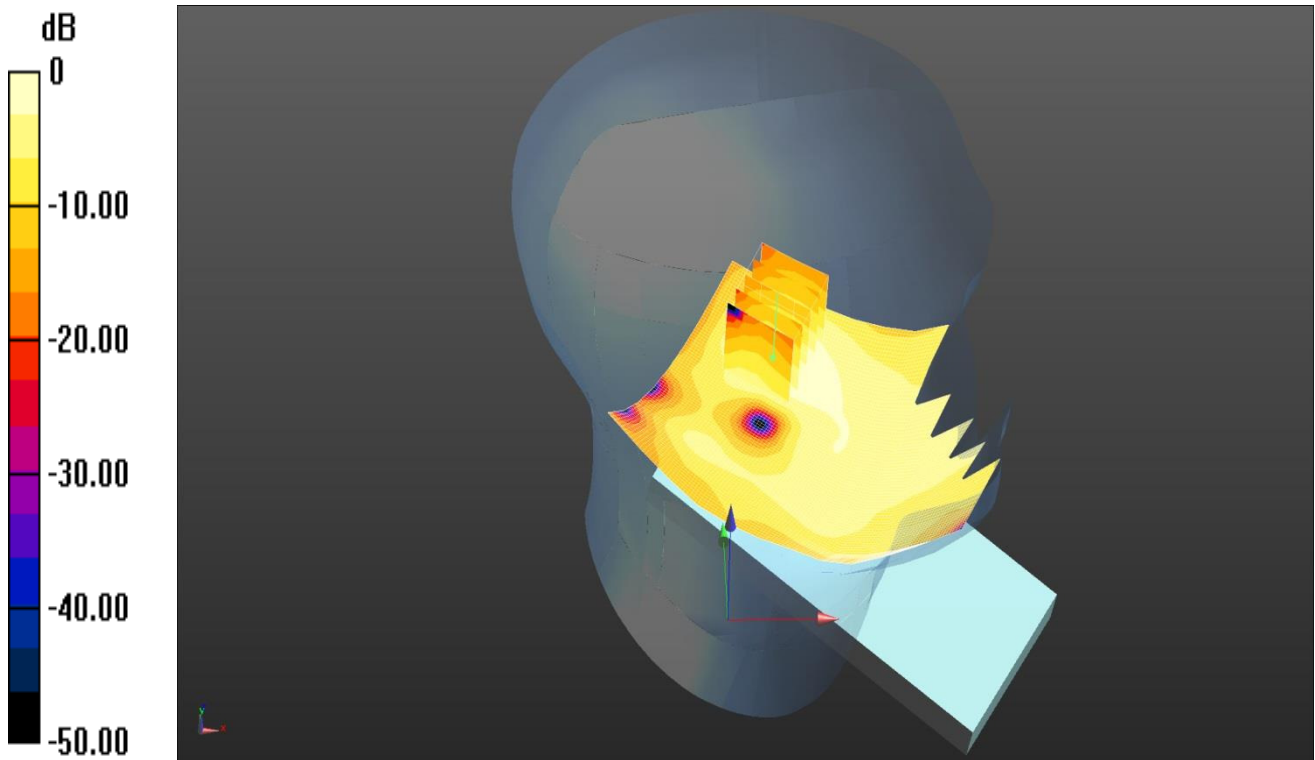
Peak SAR (extrapolated) = 0.0960 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.0716 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.0607 W/kg = -12.17 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.0643 W/kg

**Configuration/Tilt Left 1RB Low - Head - PB0/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.455 V/m; Power Drift = 0.17 dB

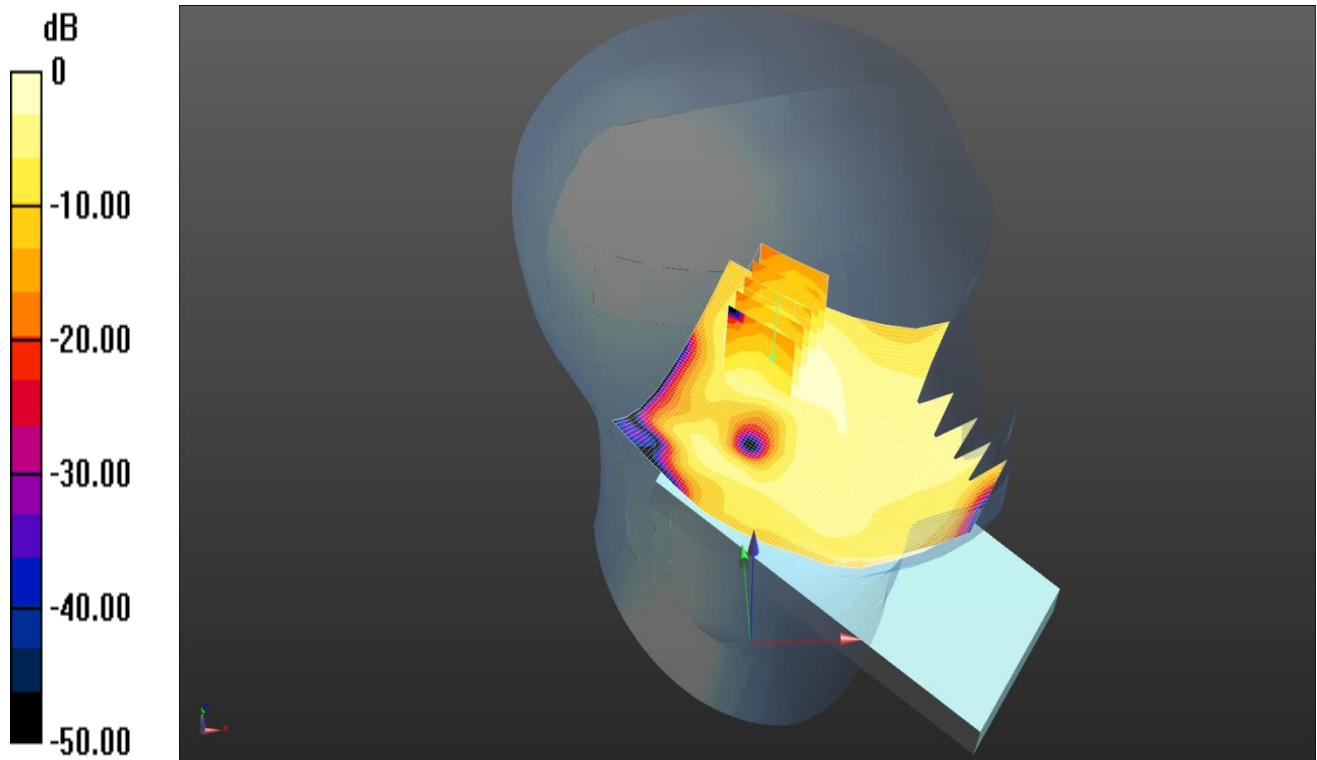
Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.0607 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.0435 W/kg = -13.62 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Left 50%RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0487 W/kg

**Configuration/Tilt Left 50%RB Low - Head - PB0/Zoom Scan (7x7x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.809 V/m; Power Drift = 0.02 dB

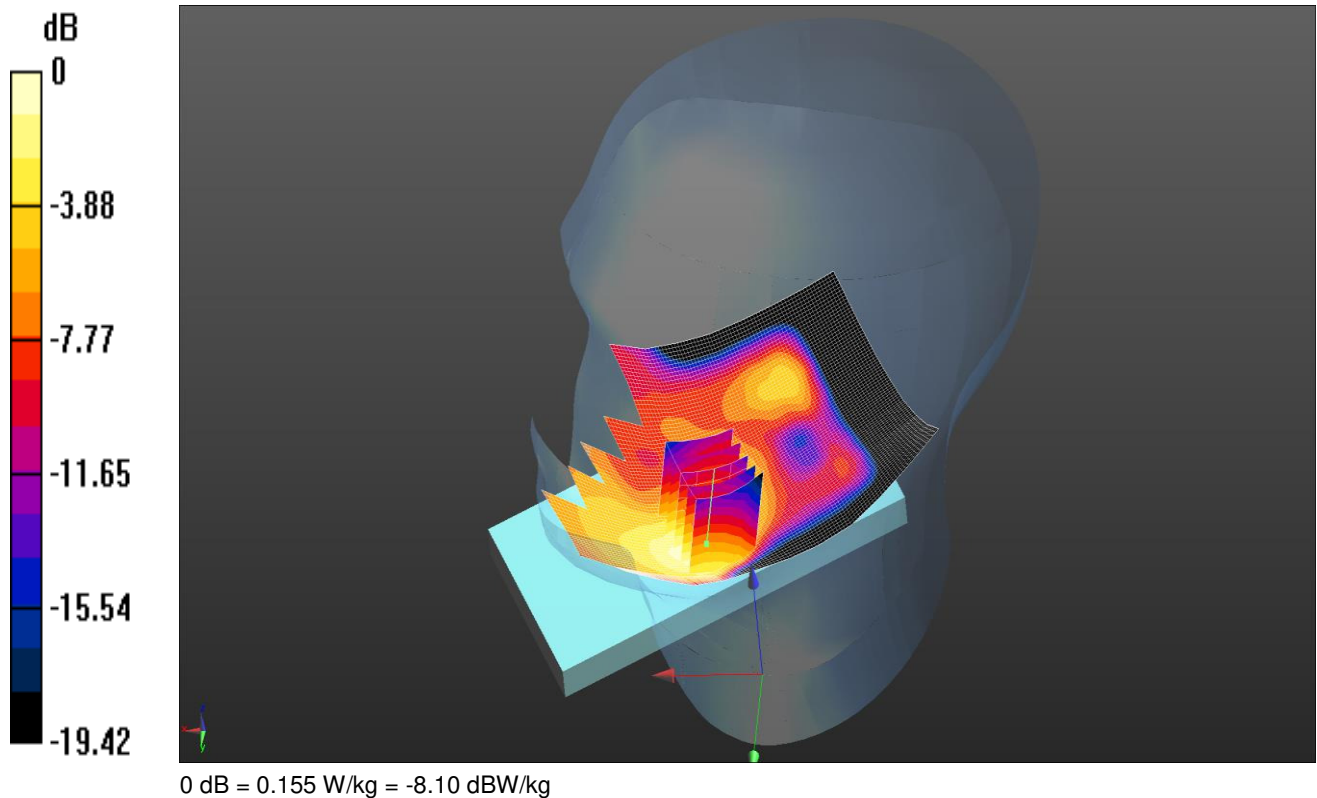
Peak SAR (extrapolated) = 0.0670 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0435 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.156 W/kg

**Configuration/Touch Right 1RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.54 V/m; Power Drift = 0.07 dB

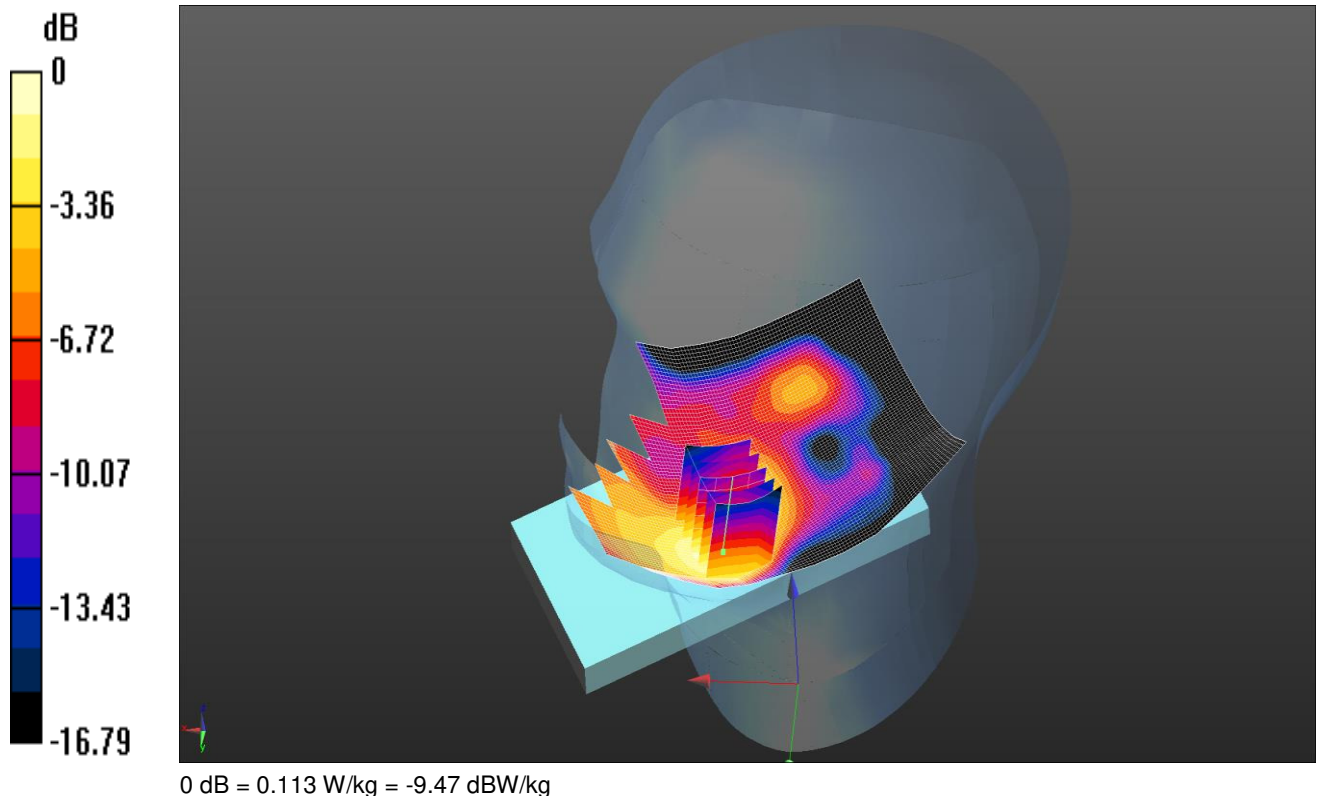
Peak SAR (extrapolated) = 0.223 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.155 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right 50%RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

**Configuration/Touch Right 50%RB Low - Head - PB0/Zoom Scan (7x7x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.876 V/m; Power Drift = 0.14 dB

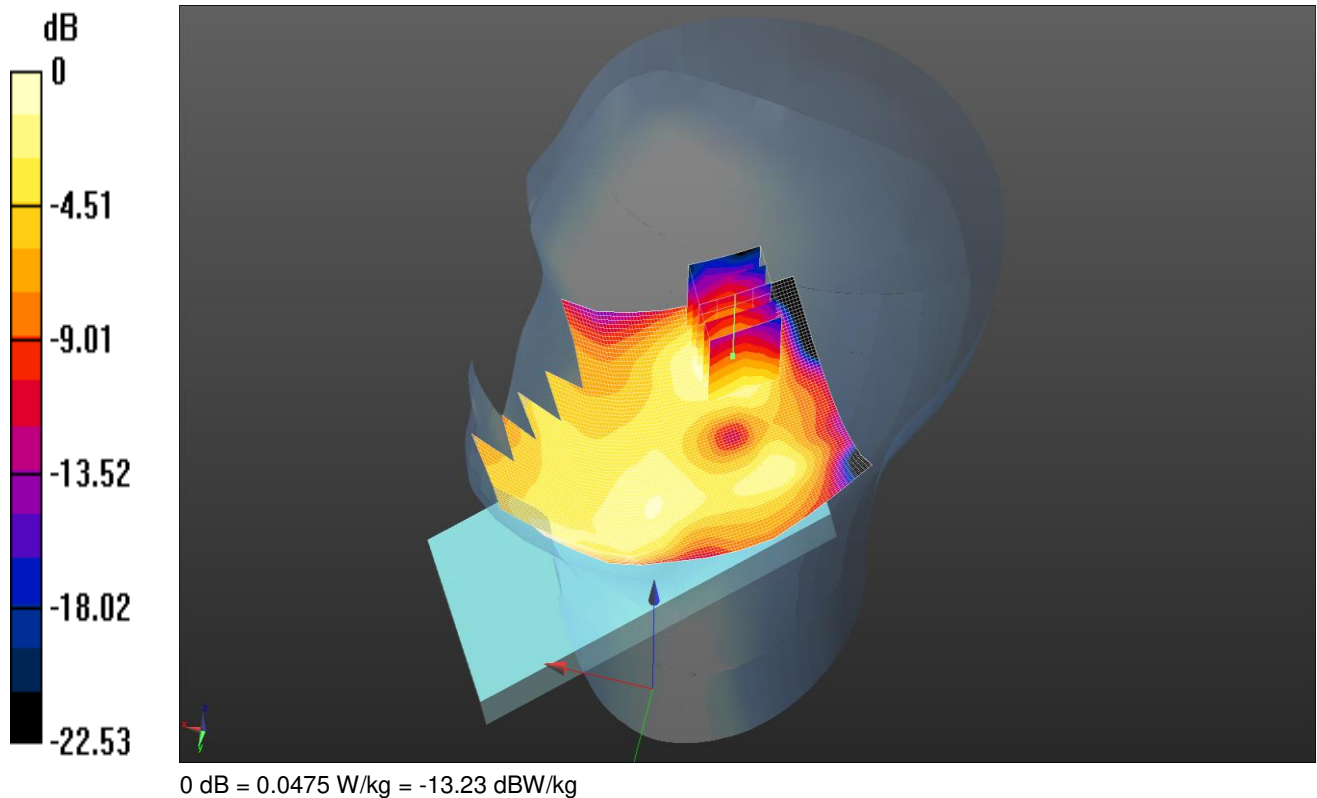
Peak SAR (extrapolated) = 0.162 W/kg

**SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.065 W/kg**

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

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.0503 W/kg

**Configuration/Tilt Right 1RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.696 V/m; Power Drift = 0.14 dB

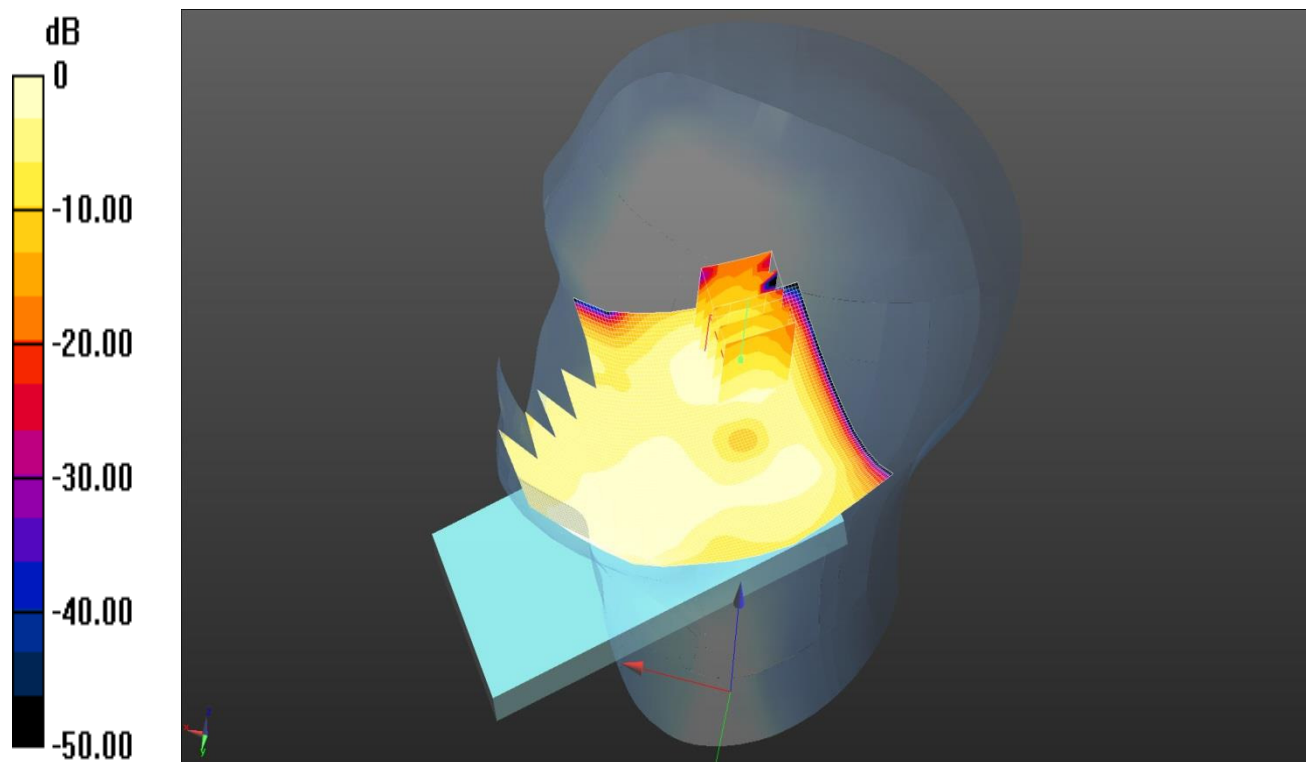
Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg**

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

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.0295 W/kg = -15.30 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 39.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Tilt Right 50%RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0326 W/kg

**Configuration/Tilt Right 50%RB Low - Head - PB0/Zoom Scan (7x7x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.633 V/m; Power Drift = -0.01 dB

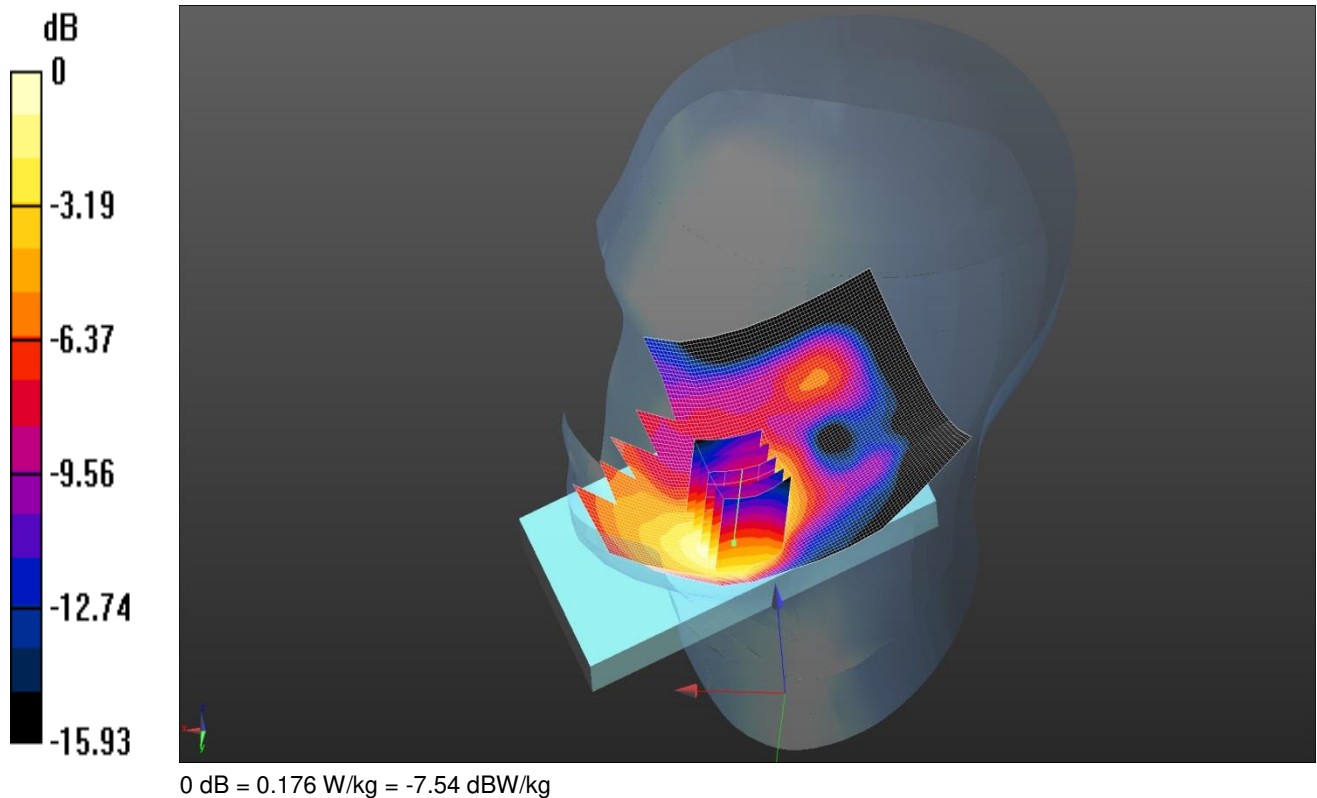
Peak SAR (extrapolated) = 0.0830 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0295 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.392$  S/m;  $\epsilon_r = 39.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.191 W/kg

**Configuration/Touch Right 1RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  
dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.58 V/m; Power Drift = -0.06 dB

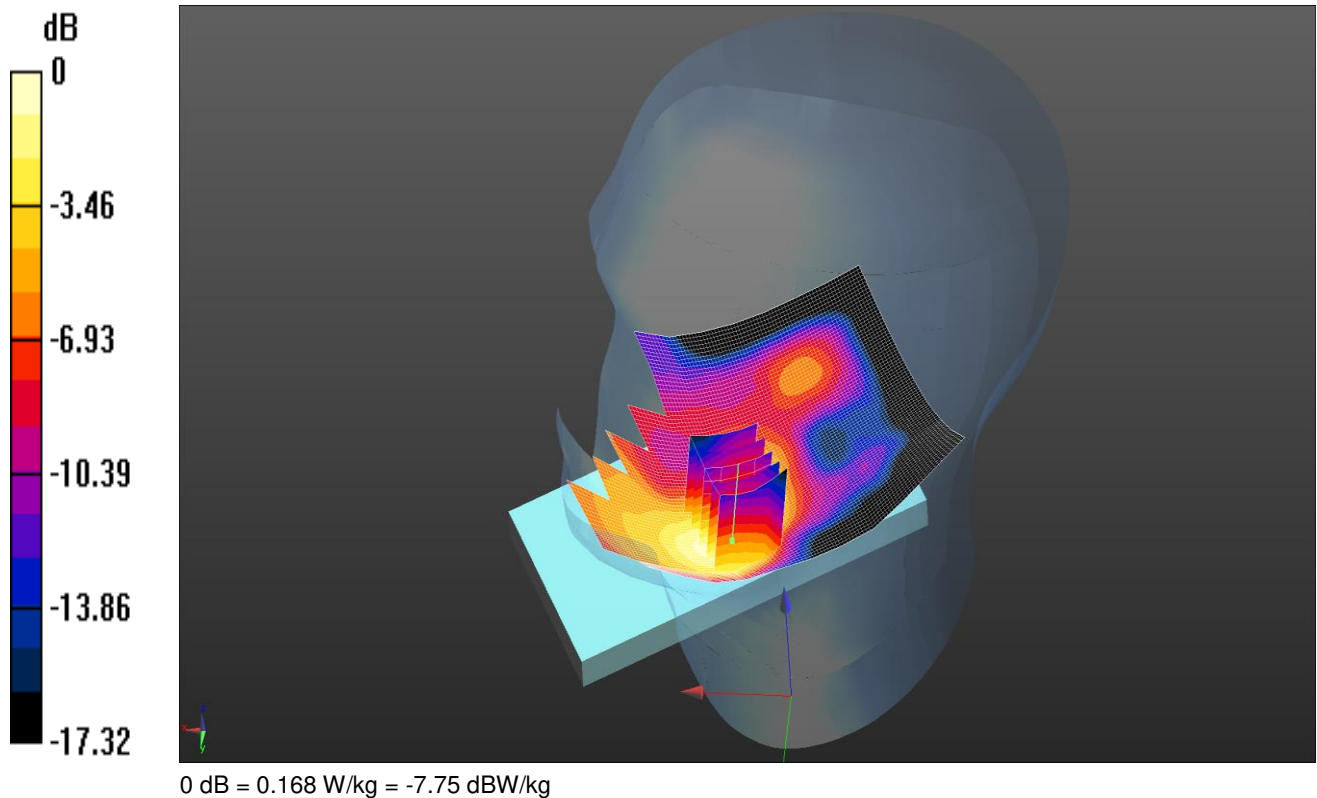
Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg

Date: 19/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 HSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.434$  S/m;  $\epsilon_r = 38.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.07, 5.07, 5.07); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Touch Right 1RB Low - Head - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.173 W/kg

**Configuration/Touch Right 1RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  
dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.84 V/m; Power Drift = 0.00 dB

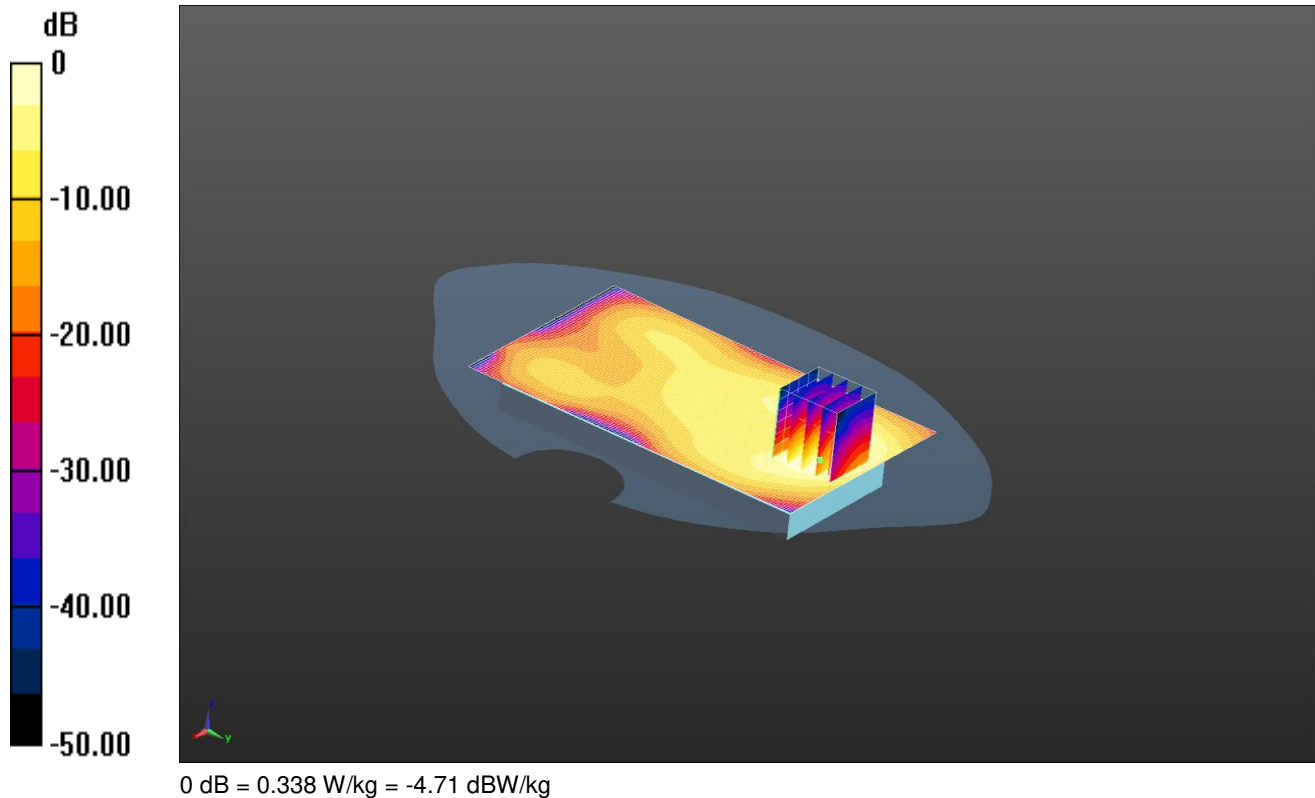
Peak SAR (extrapolated) = 0.247 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.168 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Front Low 1RB Low - Hotspot - PB1/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

**Configuration/Front Low 1RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.05 V/m; Power Drift = 0.02 dB

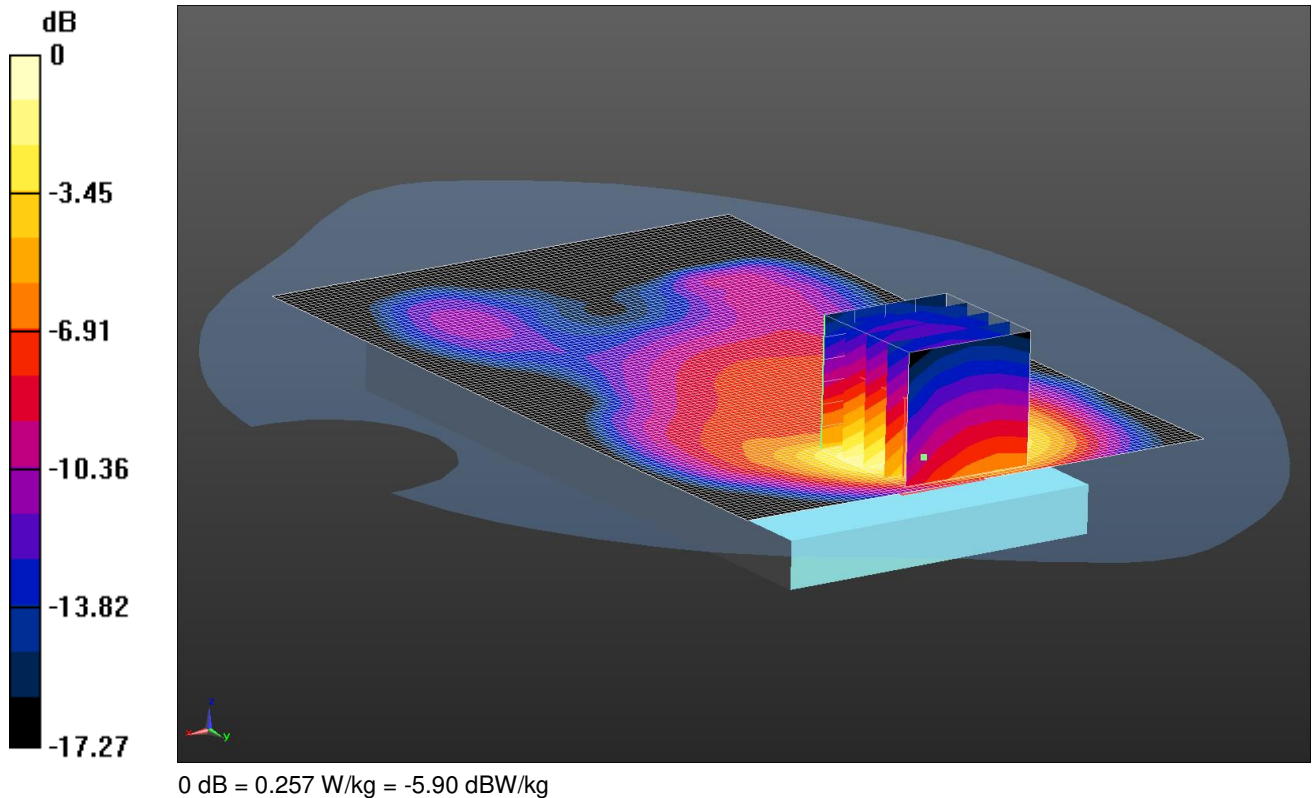
Peak SAR (extrapolated) = 0.598 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.385 W/kg

Date: 09/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 51.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/08/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Front Low 50%RB Low - Hotspot - PB1/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.235 W/kg

**Configuration/Front Low 50%RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 10.28 V/m; Power Drift = 0.06 dB

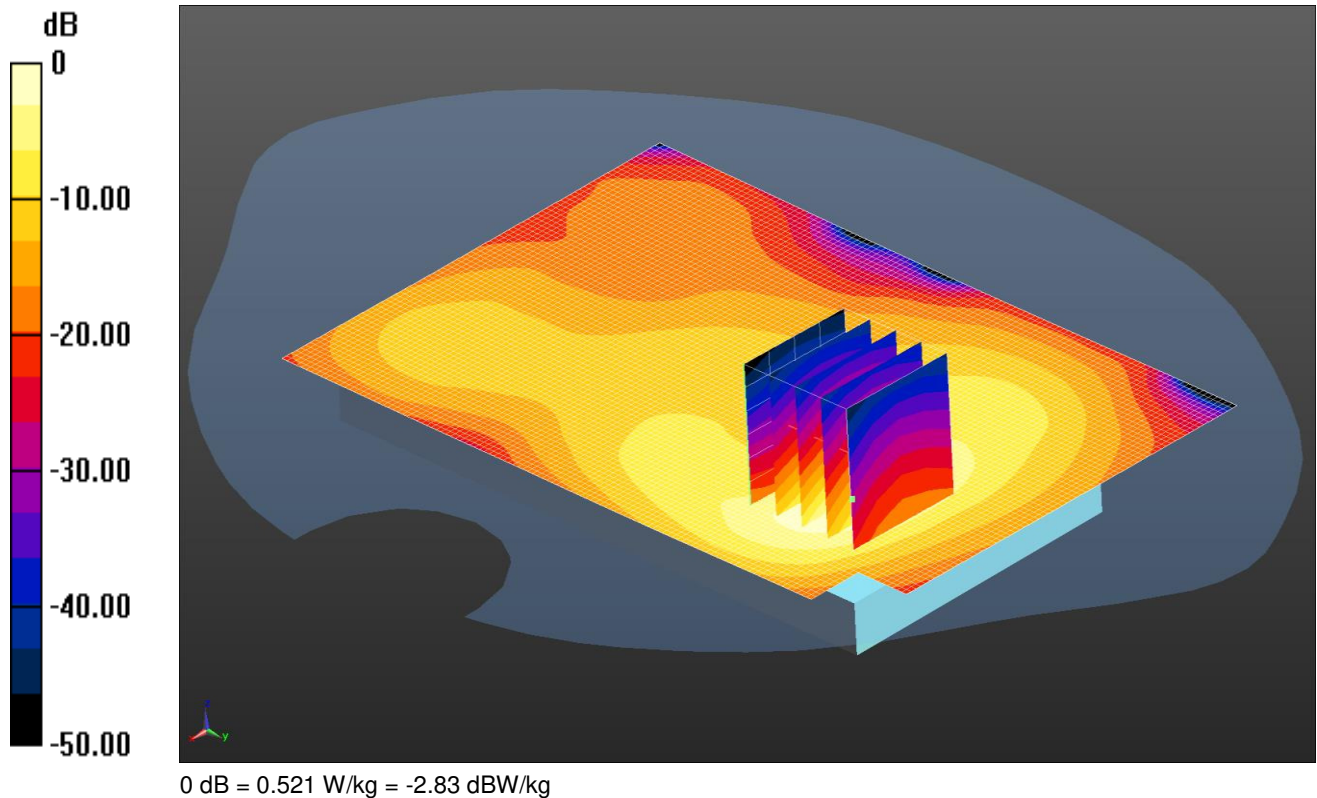
Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.126 W/kg**

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

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back 1RB Low - Hotspot - PB1 2/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.521 W/kg

**Configuration/Back 1RB Low - Hotspot - PB1 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.494 V/m; Power Drift = 0.14 dB

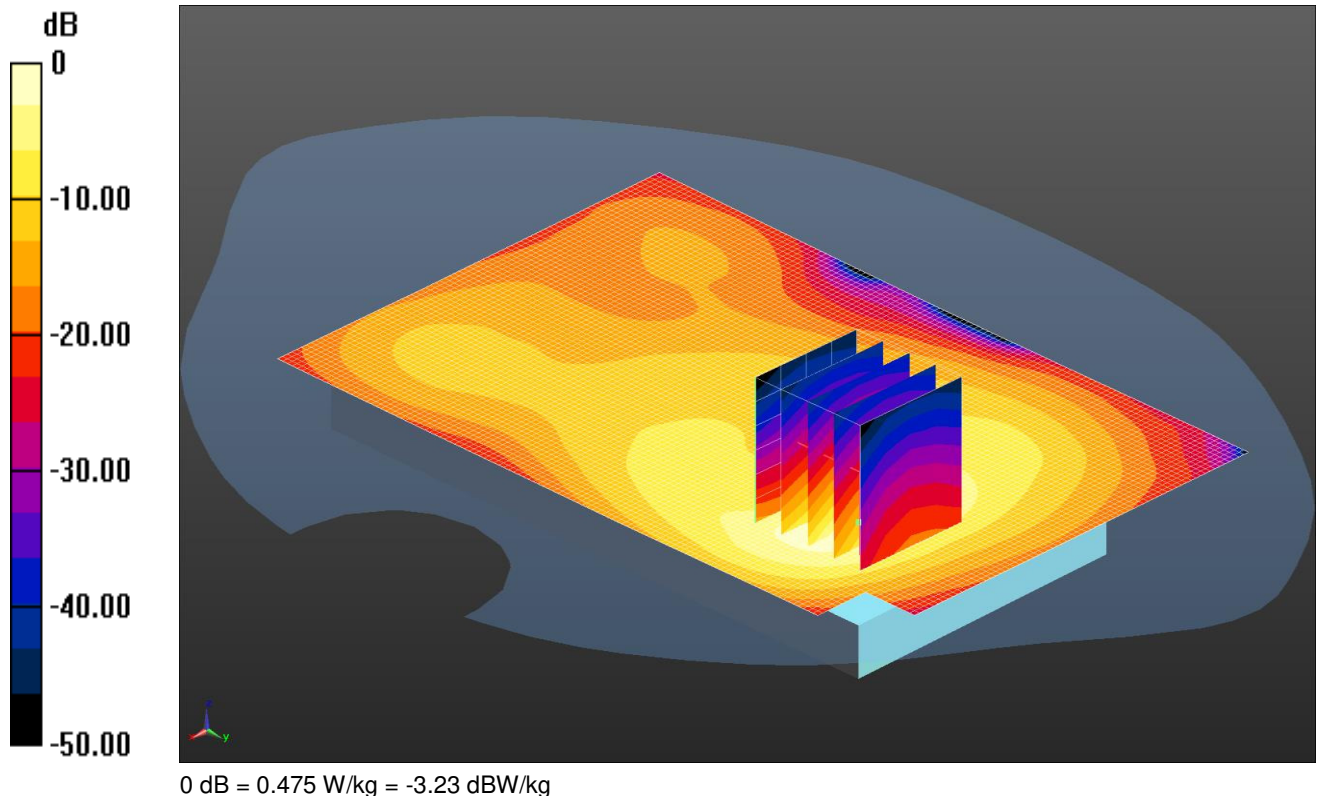
Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.245 W/kg**

Maximum value of SAR (measured) = 0.593 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 51.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back 1RB Low - Hotspot - PB1/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.475 W/kg

**Configuration/Back 1RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.041 V/m; Power Drift = 0.08 dB

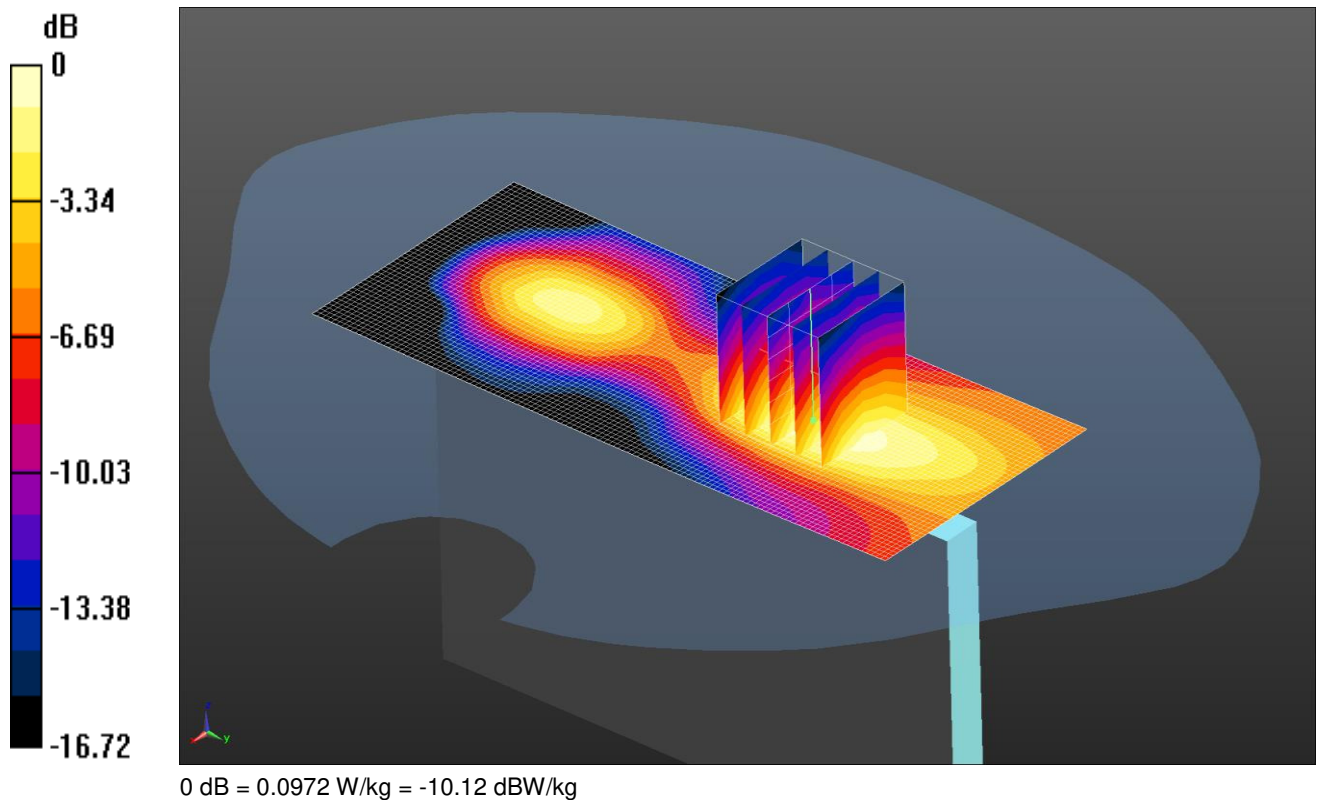
Peak SAR (extrapolated) = 0.855 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.224 W/kg**

Maximum value of SAR (measured) = 0.529 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Right 1RB Low - Hotspot - PB1/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0995 W/kg

**Configuration/Right 1RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.414 V/m; Power Drift = 0.12 dB

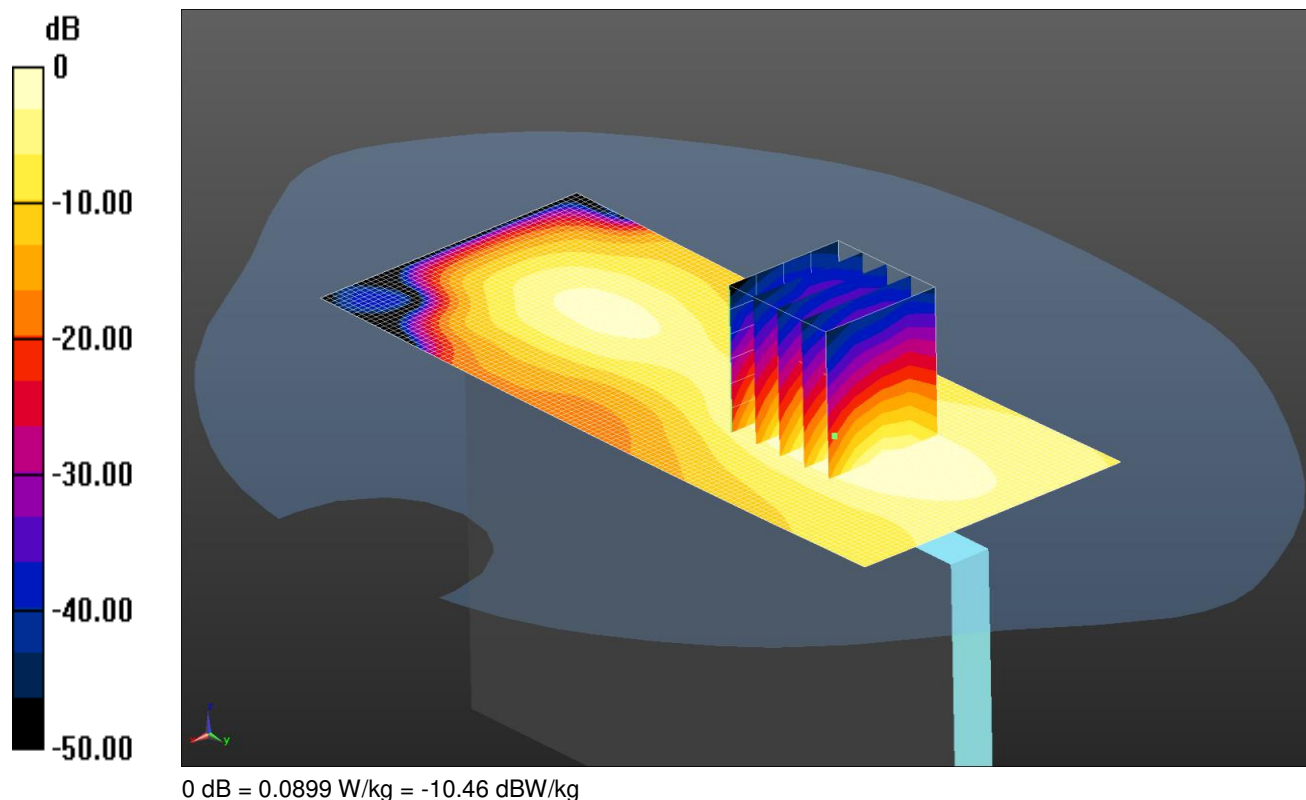
Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.050 W/kg.**

Maximum value of SAR (measured) = 0.0972 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 51.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Right 50%RB Low - Hotspot - PB1/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0899 W/kg

**Configuration/Right 50%RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.764 V/m; Power Drift = 0.06 dB

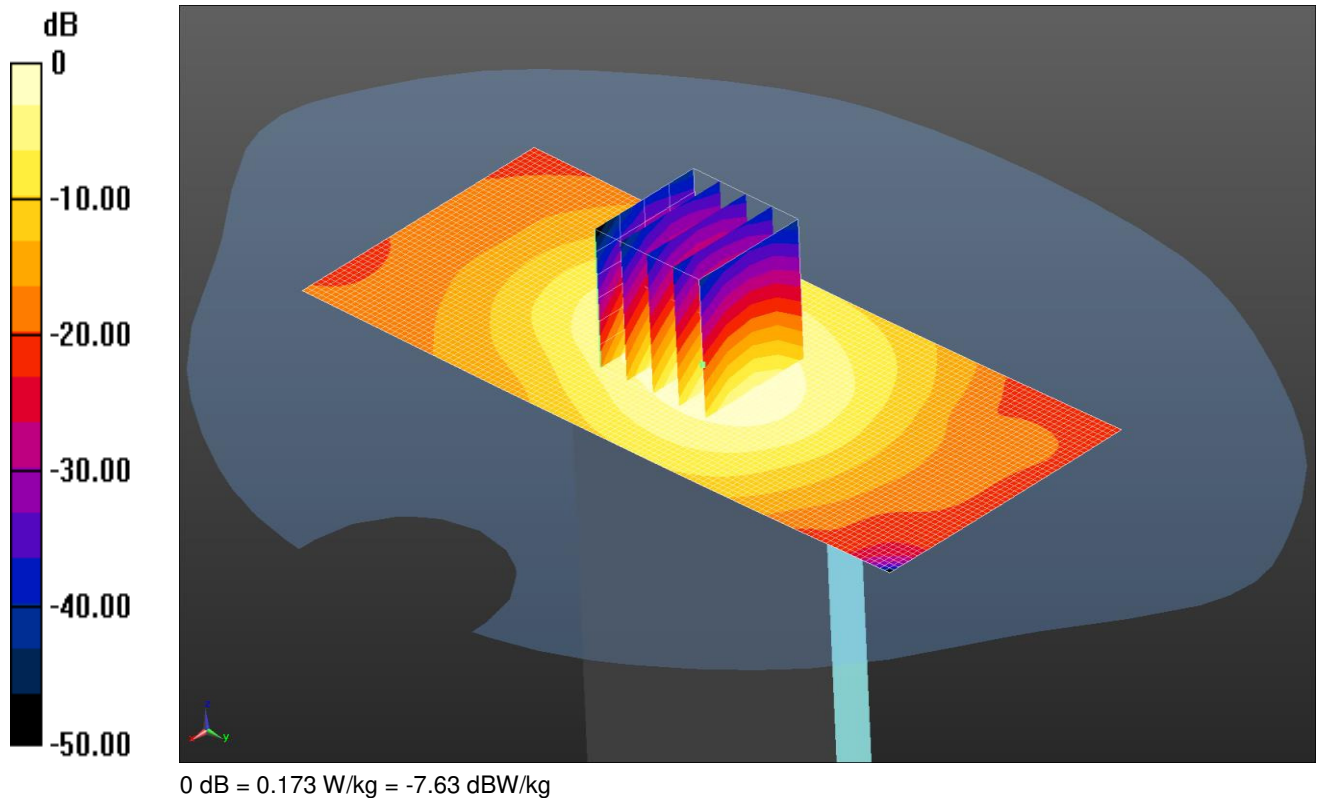
Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0903 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Bottom 1RB Low - Hotspot - PB1/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.173 W/kg

**Configuration/Bottom 1RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.09 V/m; Power Drift = 0.02 dB

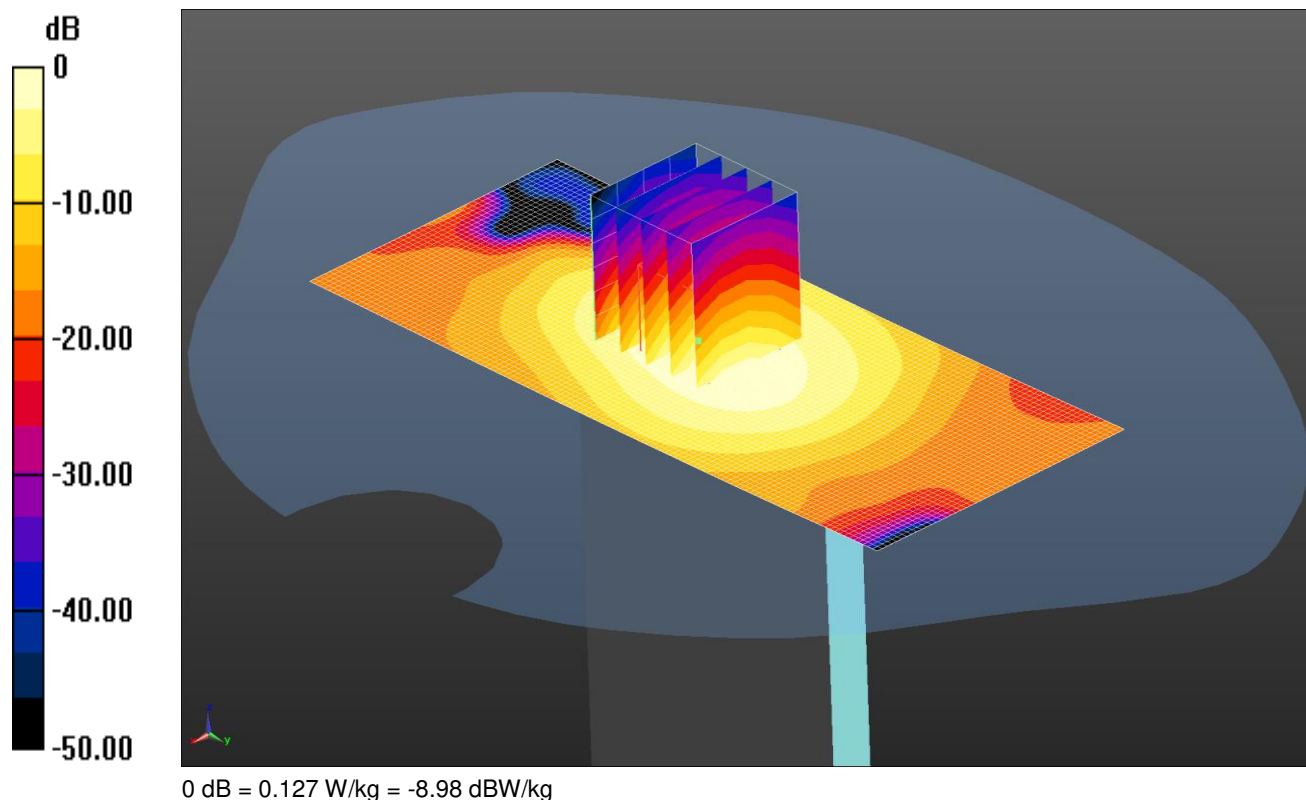
Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 51.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Bottom 50%RB Low - Hotspot - PB1/Area Scan (51x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Bottom 50%RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.020 V/m; Power Drift = 0.05 dB

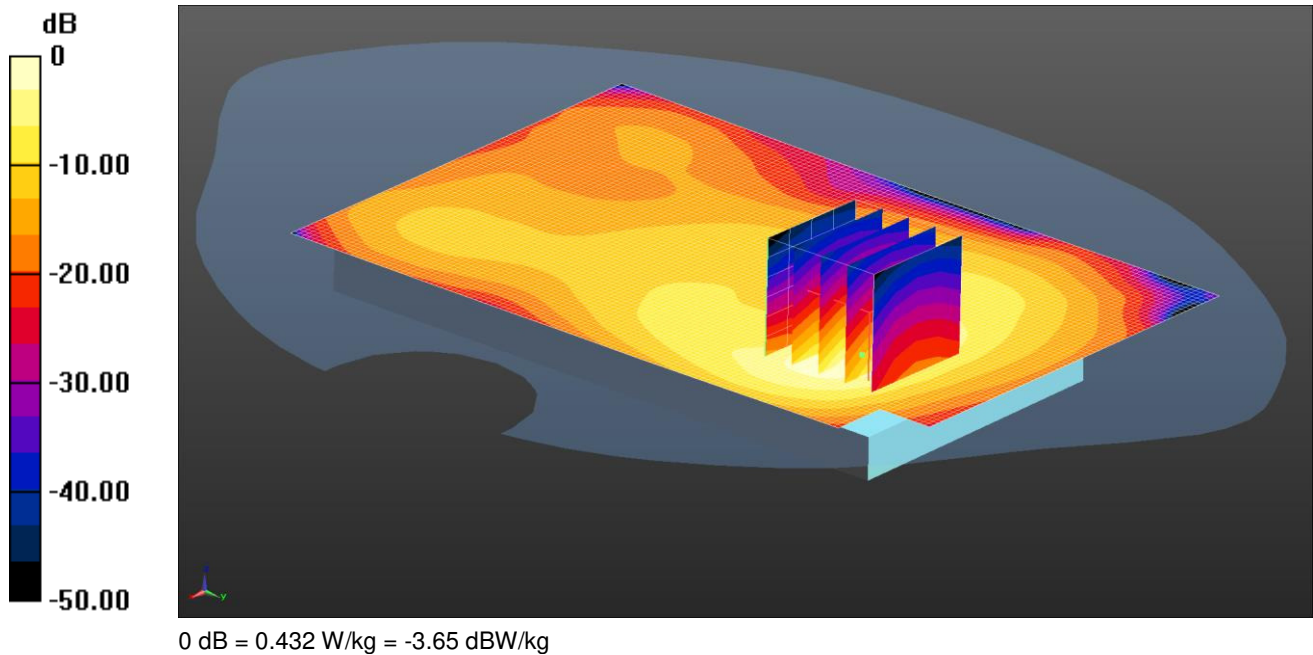
Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.124 W/kg

Date: 09/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 51.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/08/2015;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016  
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836  
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 1RB Low - Hotspot - PB1 2/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.432 W/kg

**Configuration/Back 1RB Low - Hotspot - PB1 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.329 V/m; Power Drift = 0.06 dB

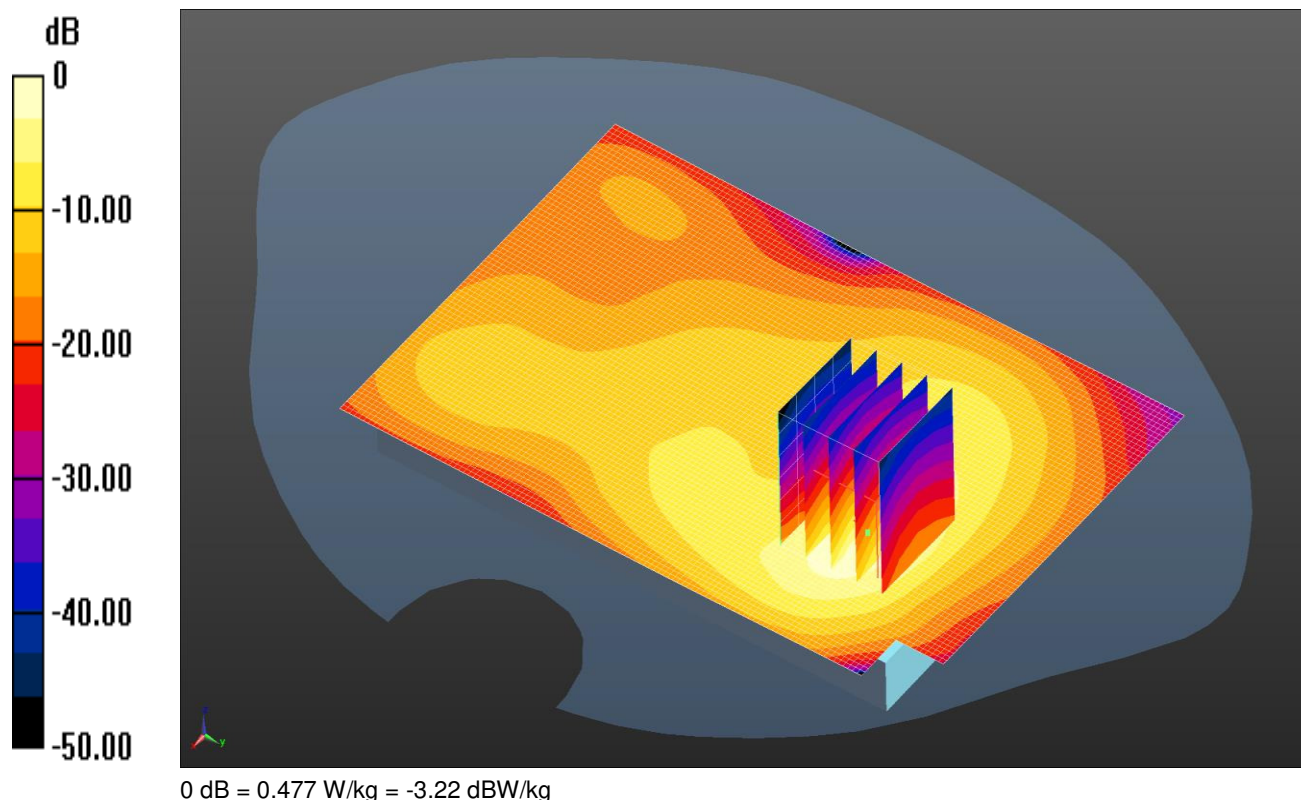
Peak SAR (extrapolated) = 0.760 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.471 W/kg

Date: 9/5/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 51.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back 1RB Low - Hotspot - PB1 2 2/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.477 W/kg

**Configuration/Back 1RB Low - Hotspot - PB1 2 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0:** Measurement grid:  
dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.462 V/m; Power Drift = 0.12 dB

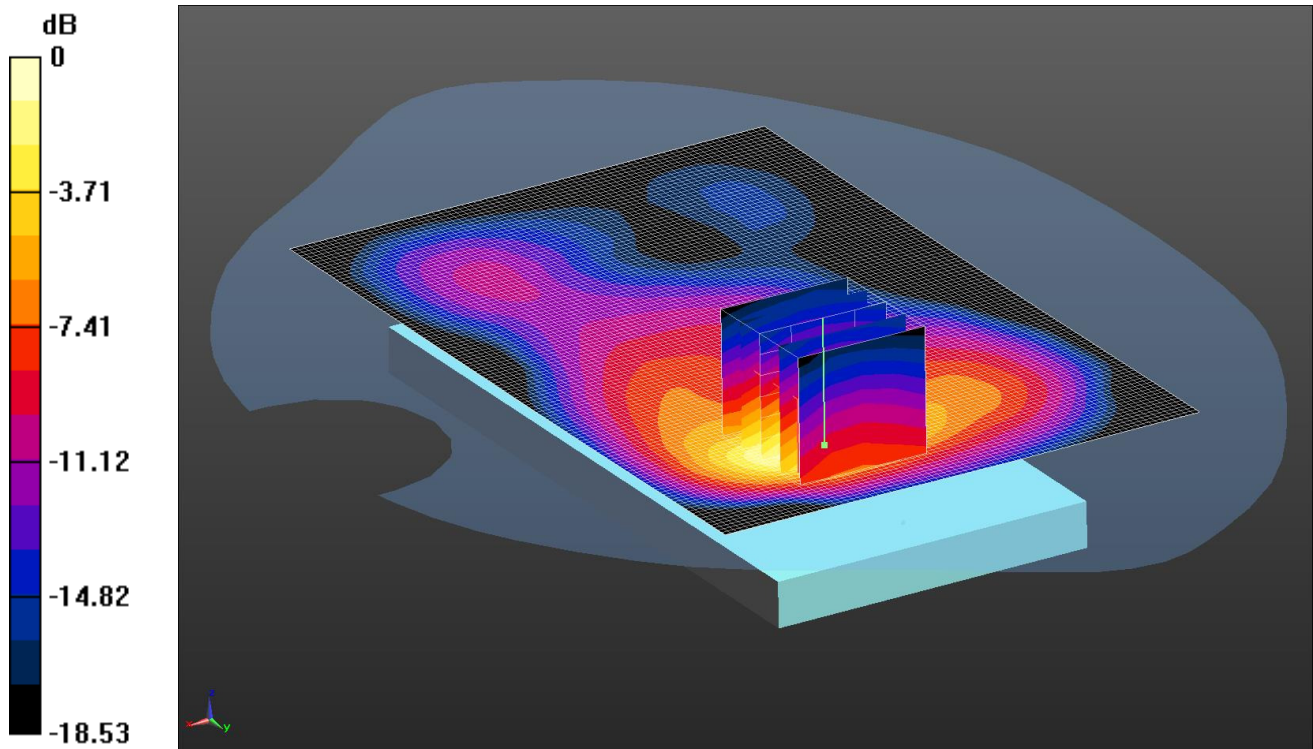
Peak SAR (extrapolated) = 0.804 W/kg

**SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.503 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.496 W/kg = -3.05 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 51.653$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
DASY4 Configuration:  
- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016  
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817  
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 16QAM 1RB Low - Hotspot - PB1/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.493 W/kg

**Configuration/Back 16QAM 1RB Low - Hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 5.893 V/m; Power Drift = 0.08 dB

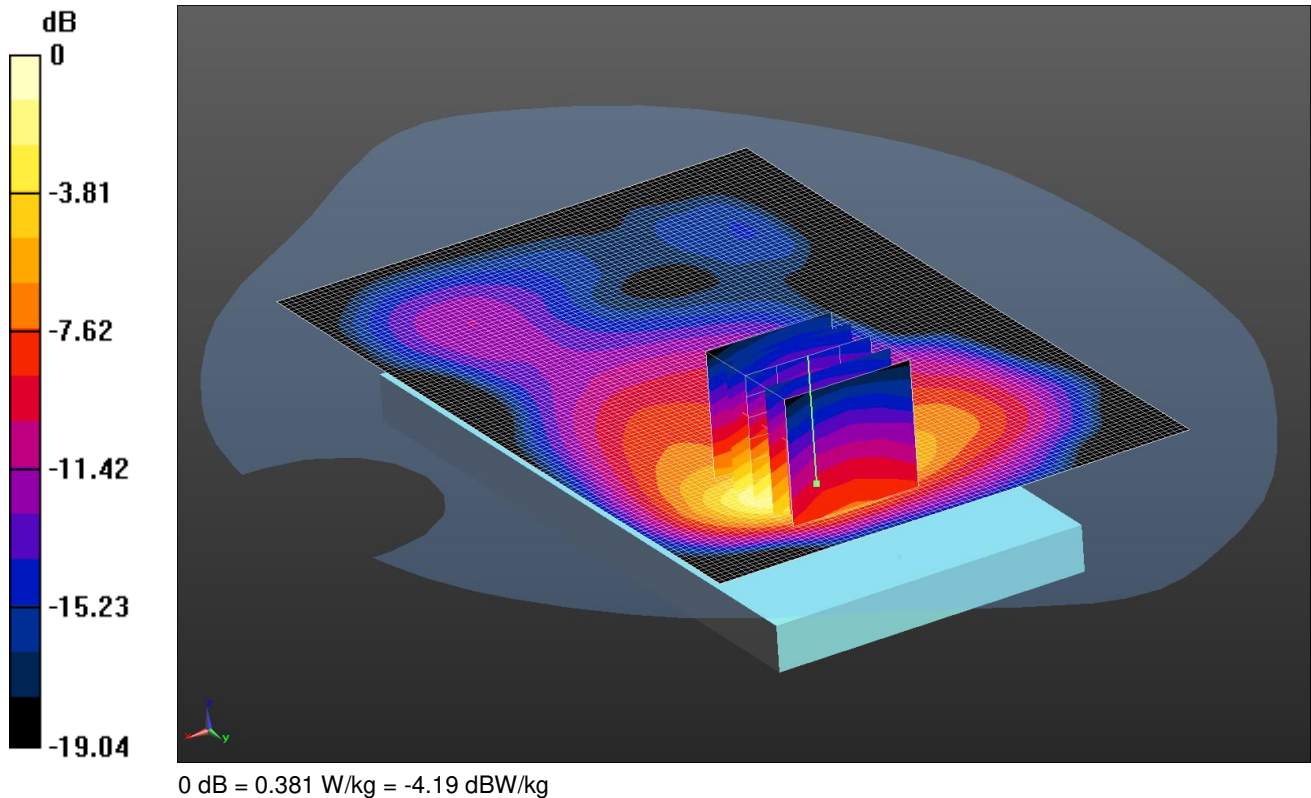
Peak SAR (extrapolated) = 0.795 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.496 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 51.771$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 16QAM 50%RB Low - hotspot - PB1/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Back 16QAM 50%RB Low - hotspot - PB1/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.93 V/m; Power Drift = 0.01 dB

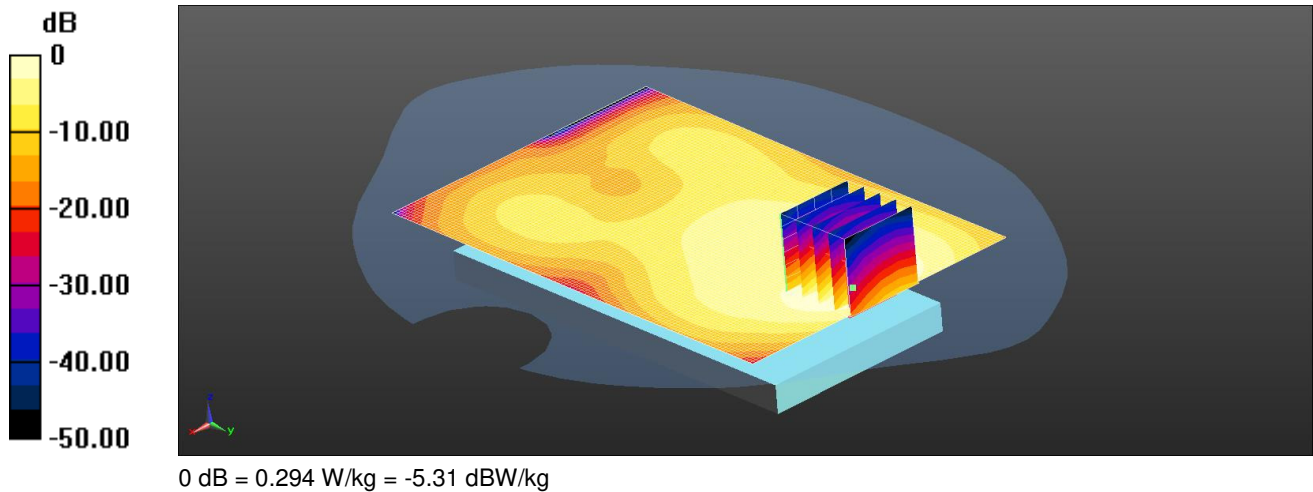
Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.381 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 51.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Front 1RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.294 W/kg

**Configuration/Front 1RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.486 V/m; Power Drift = 0.02 dB

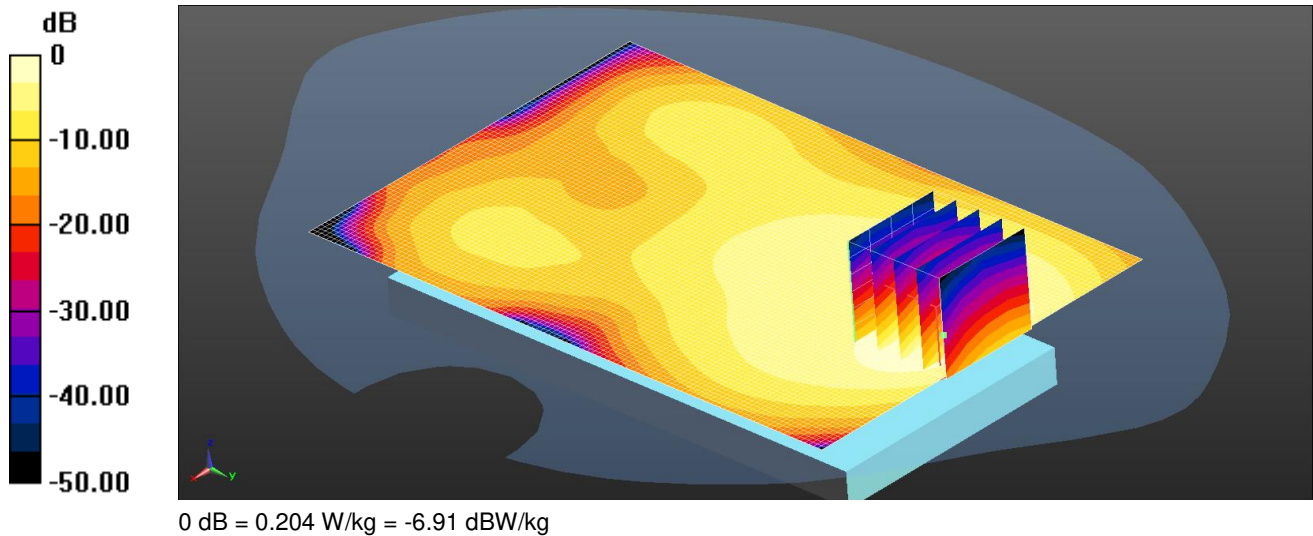
Peak SAR (extrapolated) = 0.438 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.299 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 51.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Front 50%RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Configuration/Front 50%RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.200 V/m; Power Drift = -0.01 dB

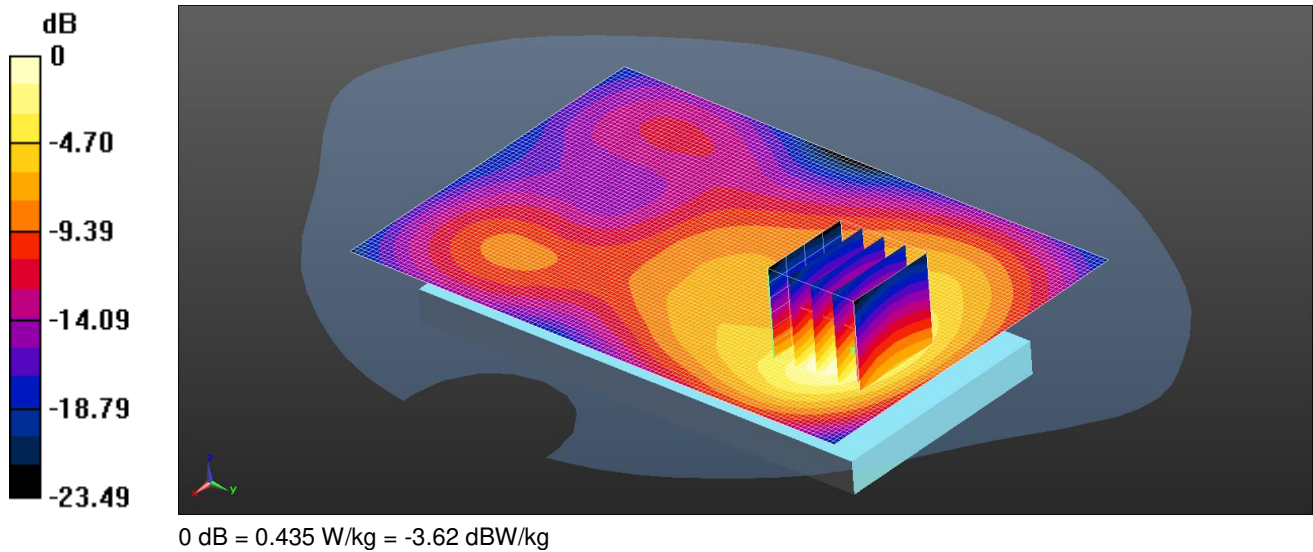
Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.107 W/kg**

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

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 51.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 1RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.435 W/kg

**Configuration/Back 1RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.825 V/m; Power Drift = 0.03 dB

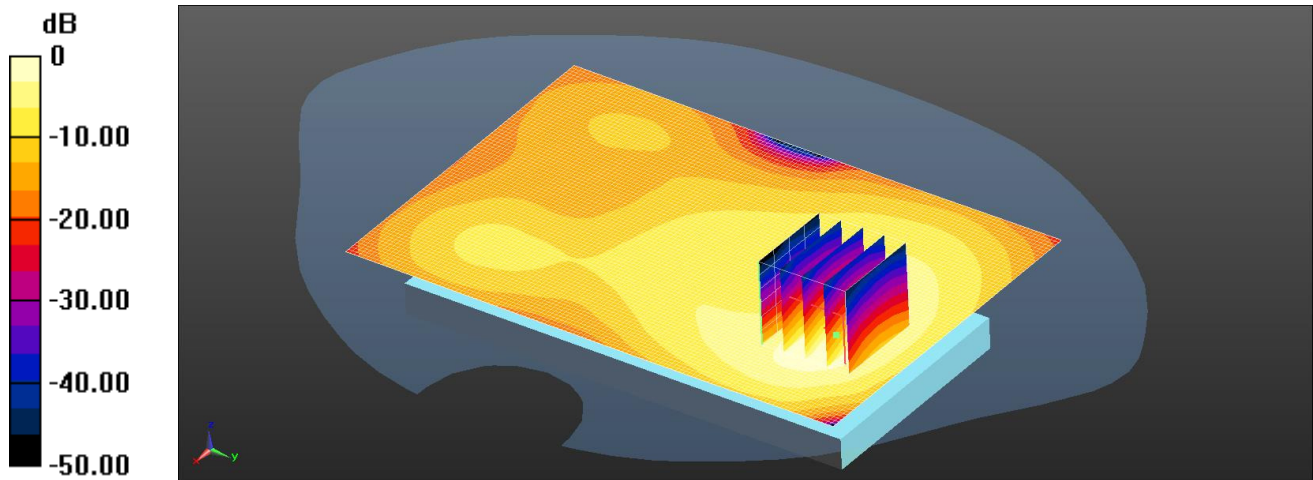
Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.437 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 51.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 50%RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.291 W/kg

**Configuration/Back 50%RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.461 V/m; Power Drift = 0.19 dB

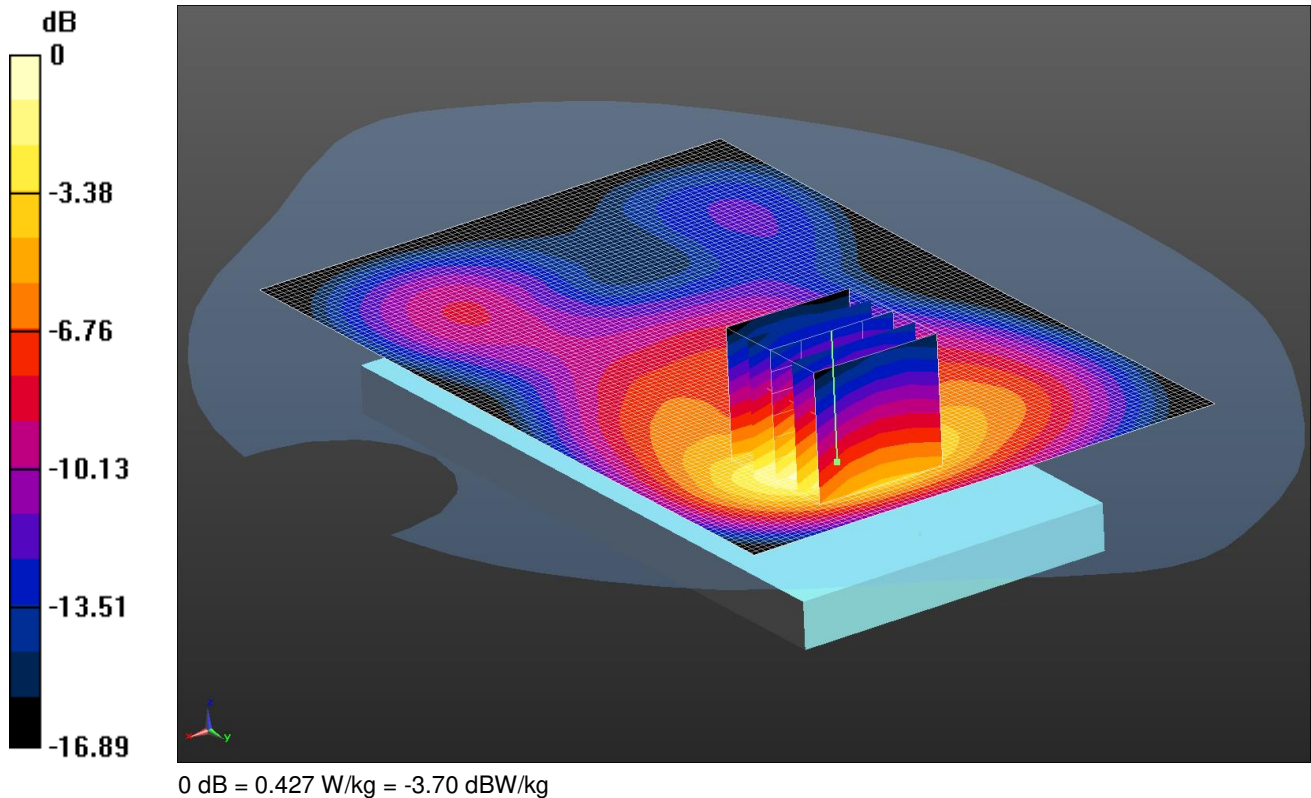
Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.298 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1860$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 51.771$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 1RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.425 W/kg

**Configuration/Back 1RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.800 V/m; Power Drift = 0.03 dB

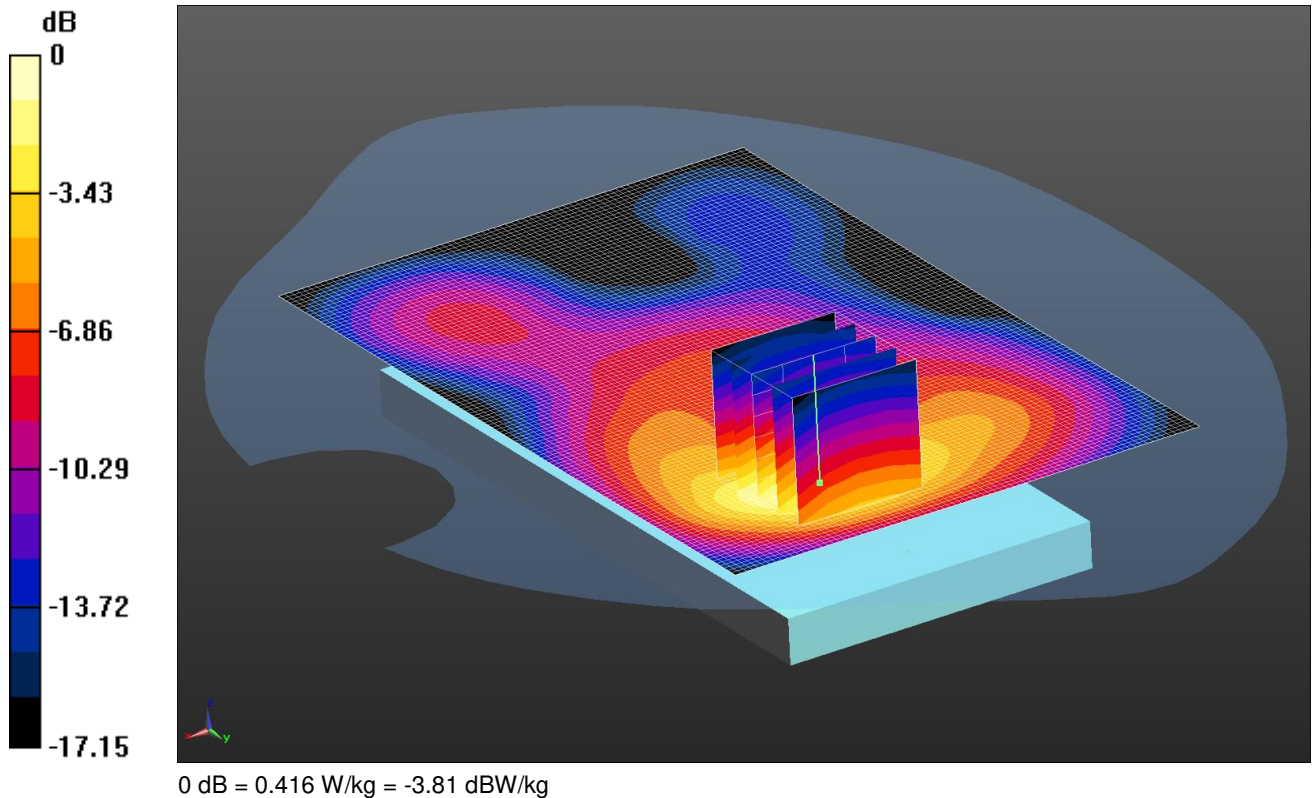
Peak SAR (extrapolated) = 0.654 W/kg

**SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.427 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: 1900 MHz MSL Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 51.653$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

**Configuration/Back 1RB Low - Bodyworn - PB0/Area Scan (81x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.409 W/kg

**Configuration/Back 1RB Low - Bodyworn - PB0/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.867 V/m; Power Drift = -0.01 dB

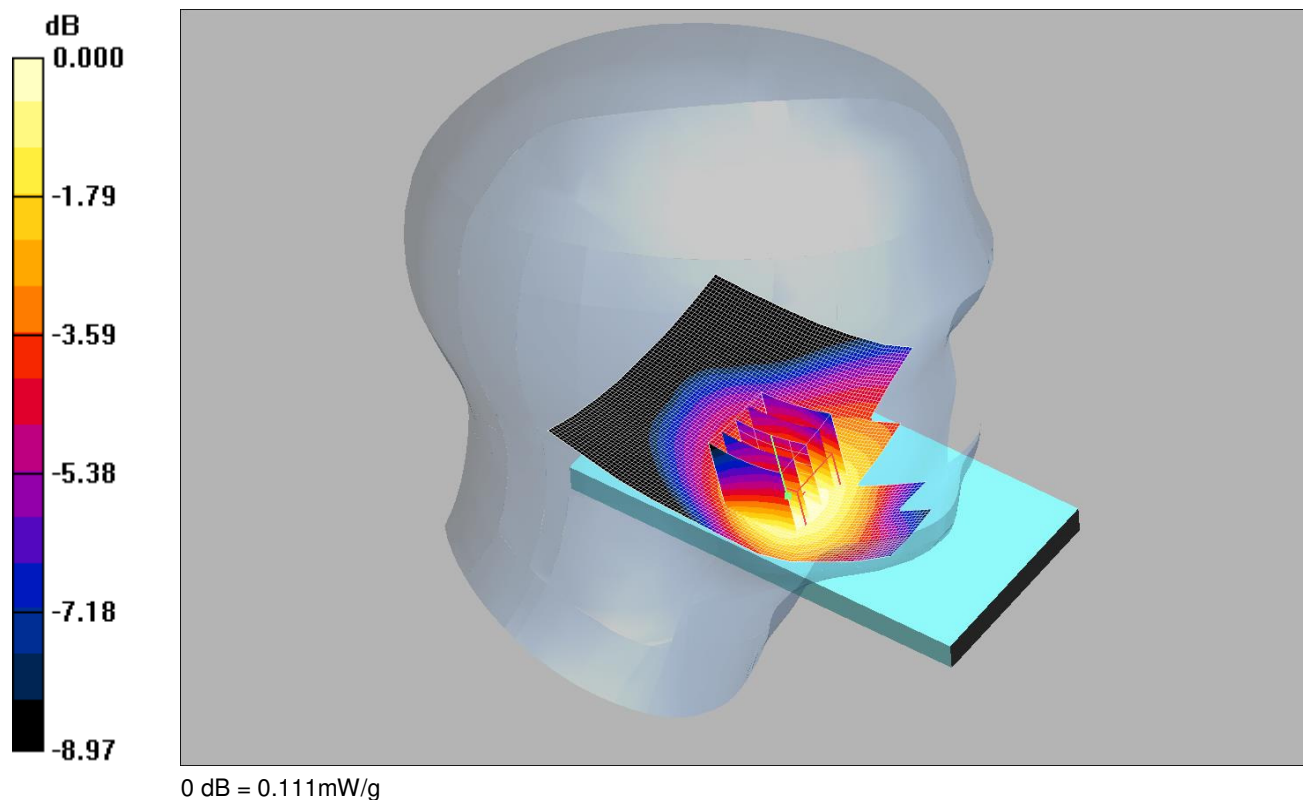
Peak SAR (extrapolated) = 0.635 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.416 W/kg

Date: 05/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE Band 26 / 15MHz; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

- 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 1RB Low - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.115 mW/g

**Touch Left 1RB Low - Head - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.141 dB

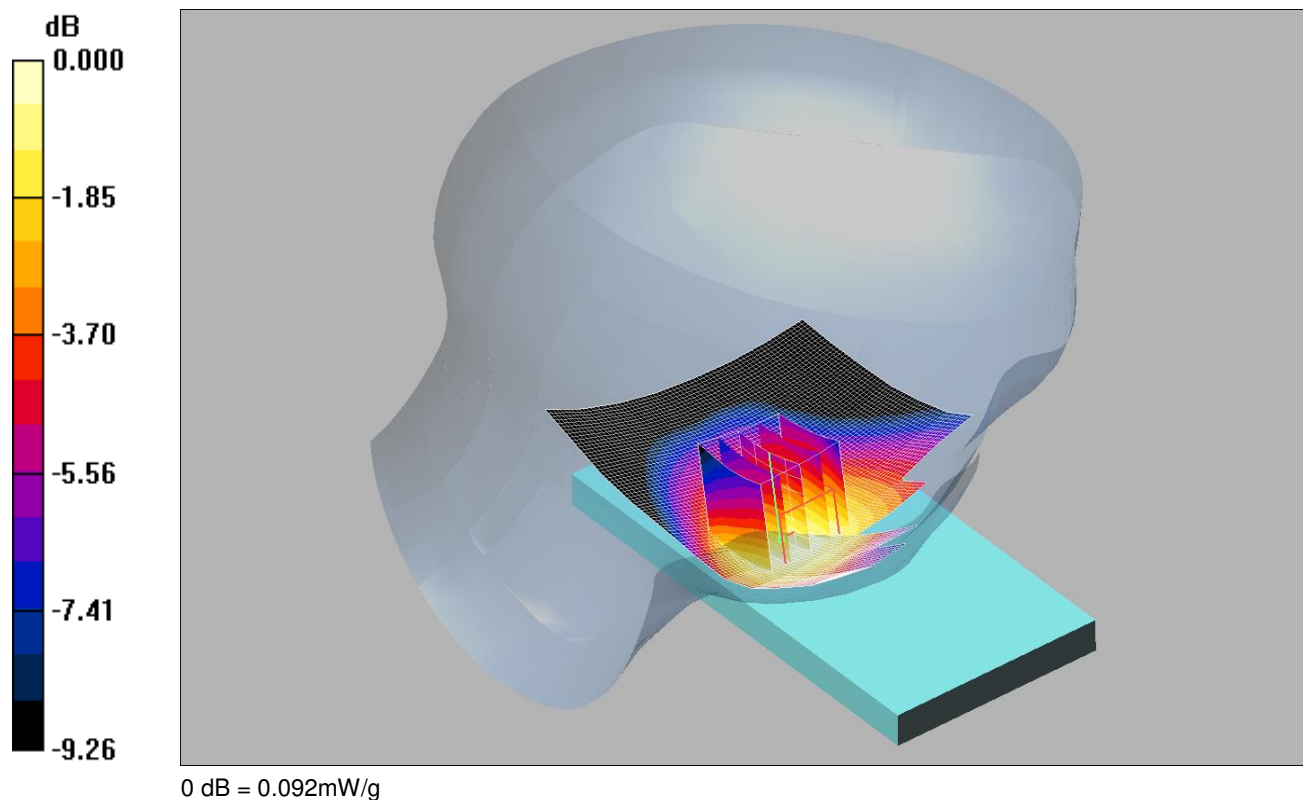
Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.083 mW/g**

Maximum value of SAR (measured) = 0.111 mW/g

Date: 05/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE Band 26 / 15MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

- 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 50%RB Low - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch Left 50%RB Low - Head - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.44 V/m; Power Drift = 0.078 dB

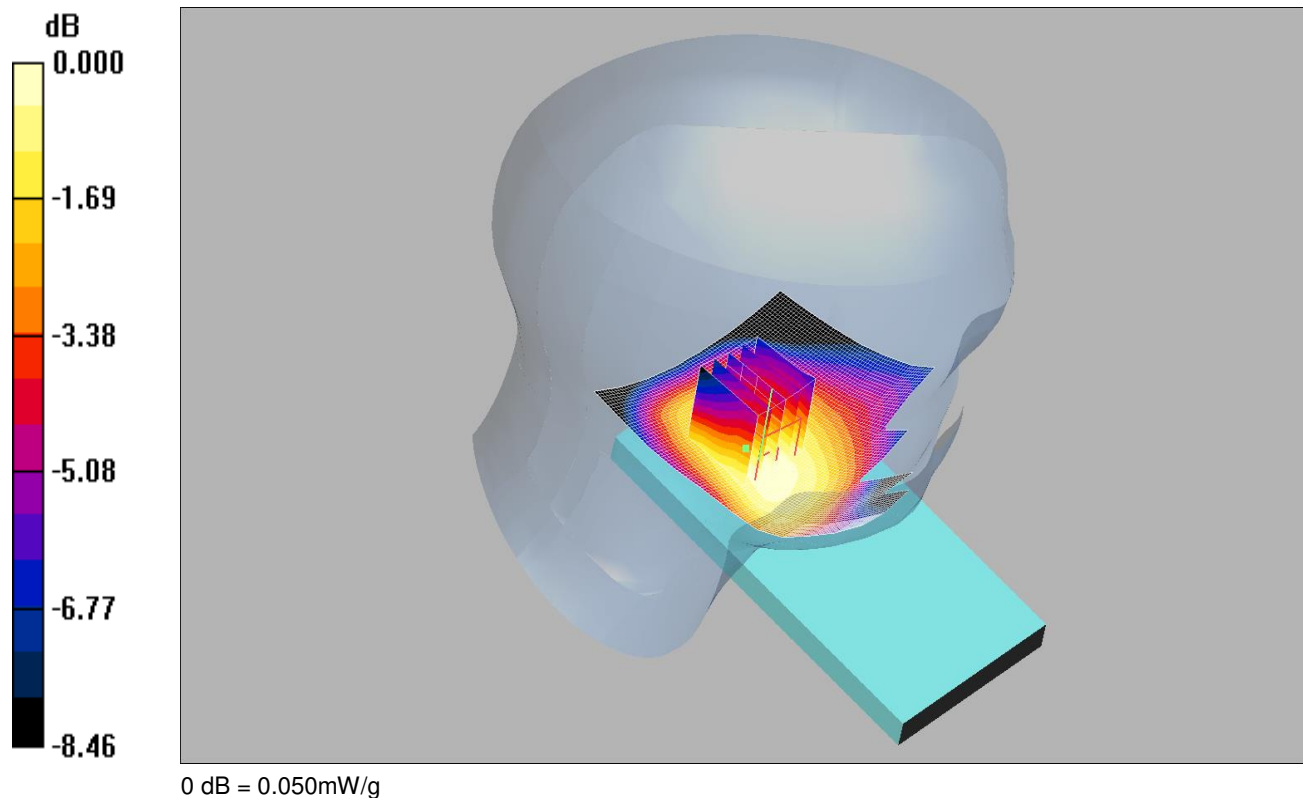
Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.092 mW/g

Date: 05/05/2016

**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



Communication System: LTE Band 26 / 15MHz; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

- 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 1RB Low - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.047 mW/g

**Tilt Left 1RB Low - Head - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.88 V/m; Power Drift = 0.178 dB

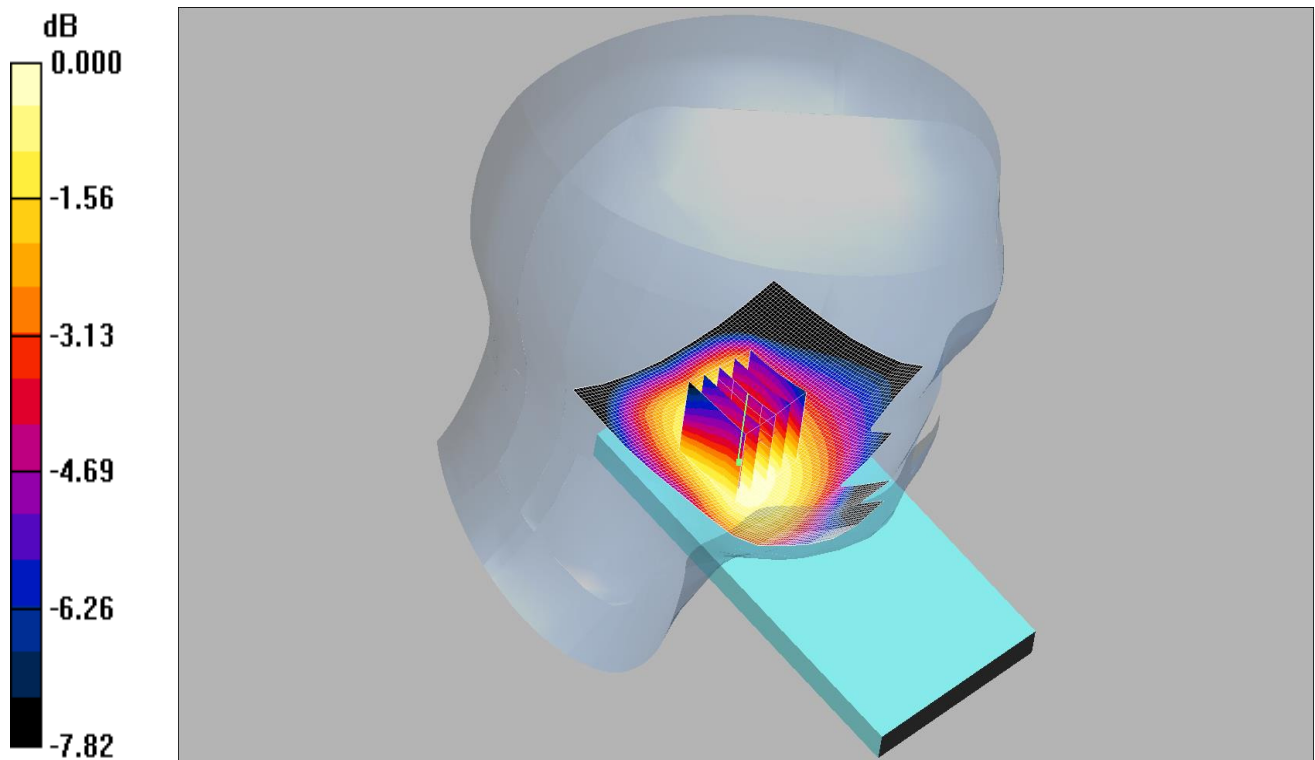
Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.050 mW/g

Date: 05/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



0 dB = 0.044mW/g

Communication System: LTE Band 26 / 15MHz; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

- 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 50%RB Low - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.043 mW/g

**Tilt Left 50%RB Low - Head - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.40 V/m; Power Drift = 0.051 dB

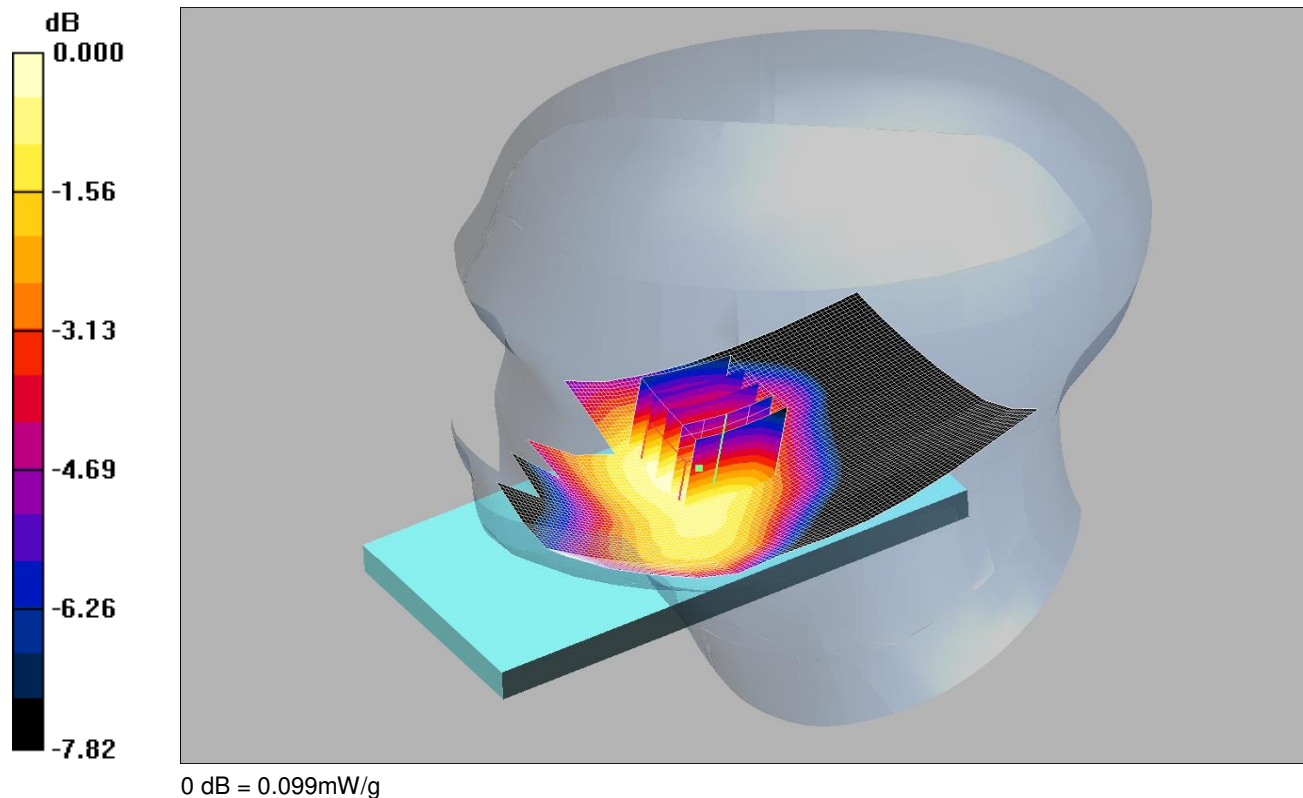
Peak SAR (extrapolated) = 0.047 W/kg

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g

Date: 06/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: LTE Band 26 / 15MHz; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.915$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

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

- Electronics: DAE4 Sn450; Calibrated: 28/09/2015

- 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 1 RB Low - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

**Touch Right 1 RB Low - Head - PBx/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.099 mW/g