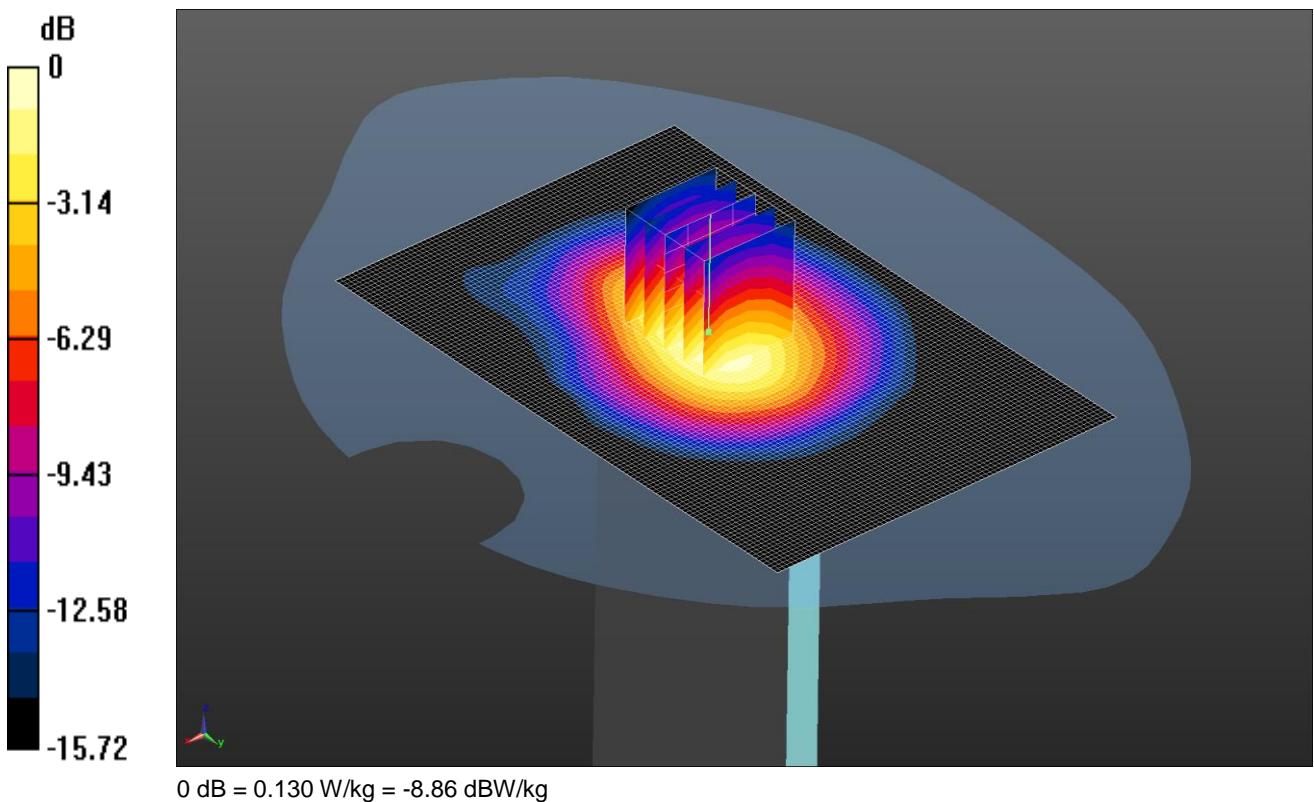


Date: 5/5/2016

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 MSL Medium parameters used (interpolated): $f = 1860 \text{ MHz}$; $\sigma = 1.545 \text{ S/m}$; $\epsilon_r = 51.366$; $\rho = 1000 \text{ kg/m}^3$
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 (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.135 W/kg

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

Reference Value = 8.171 V/m; Power Drift = -0.11 dB

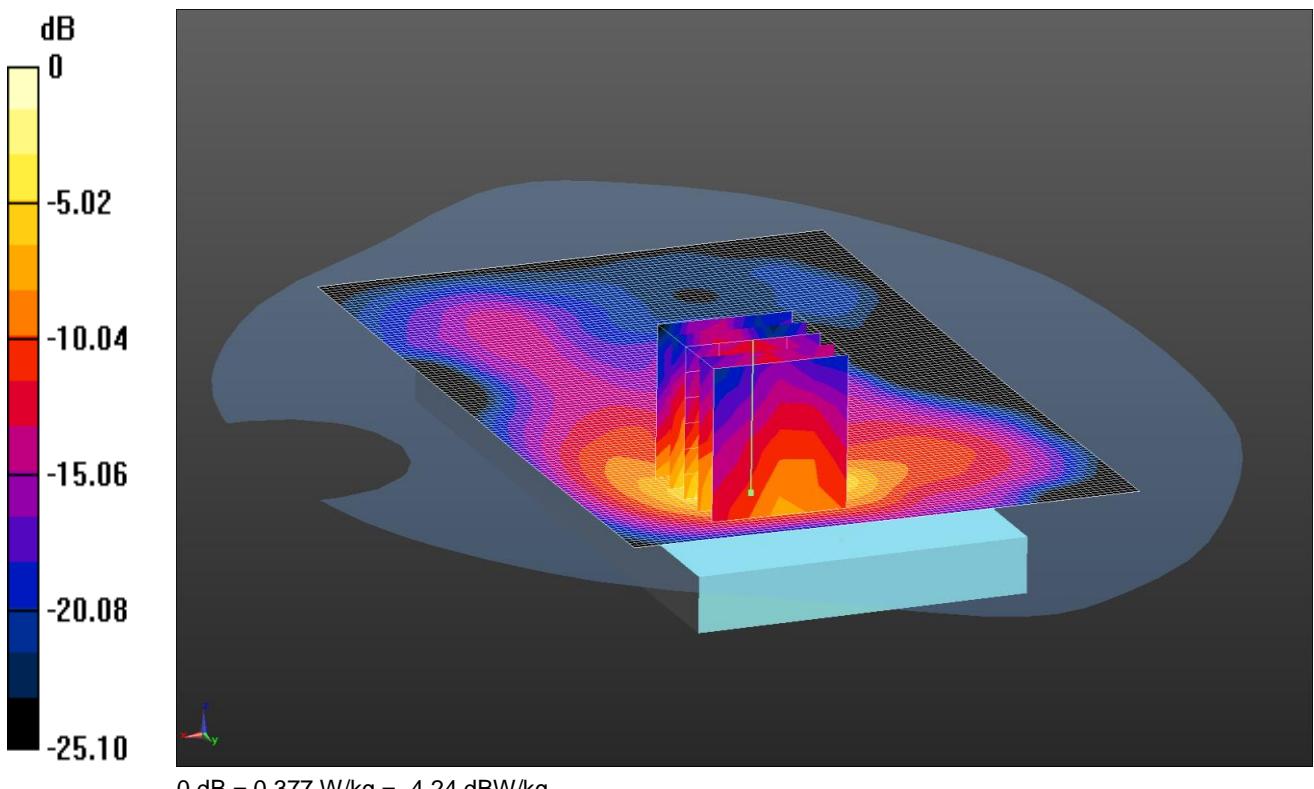
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.130 W/kg

Date: 5/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.569$ S/m; $\epsilon_r = 51.35$; $\rho = 1000$ kg/m³
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) = 0.164 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 = 9.494 V/m; Power Drift = 0.99 dB

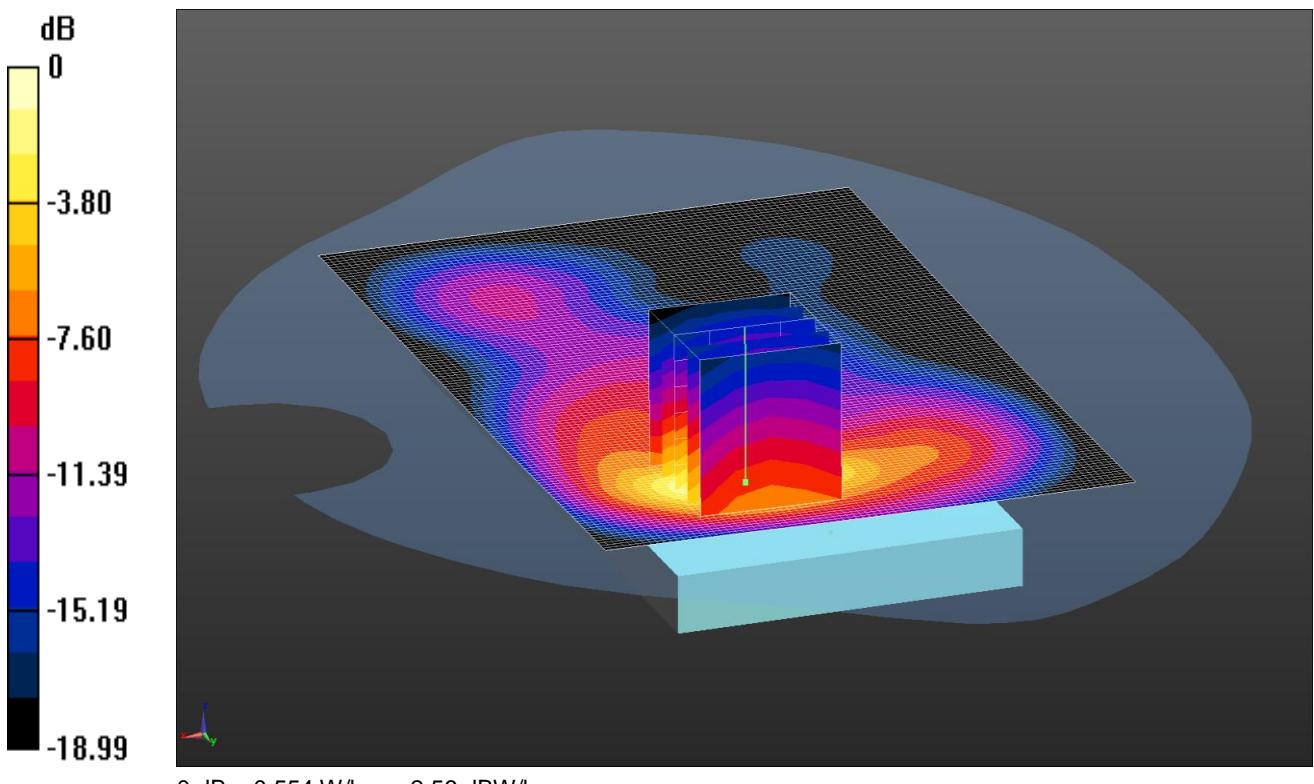
Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.168 W/kg

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

Date: 5/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.592 \text{ S/m}$; $\epsilon_r = 51.333$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.552 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 = 13.86 V/m; Power Drift = 0.12 dB

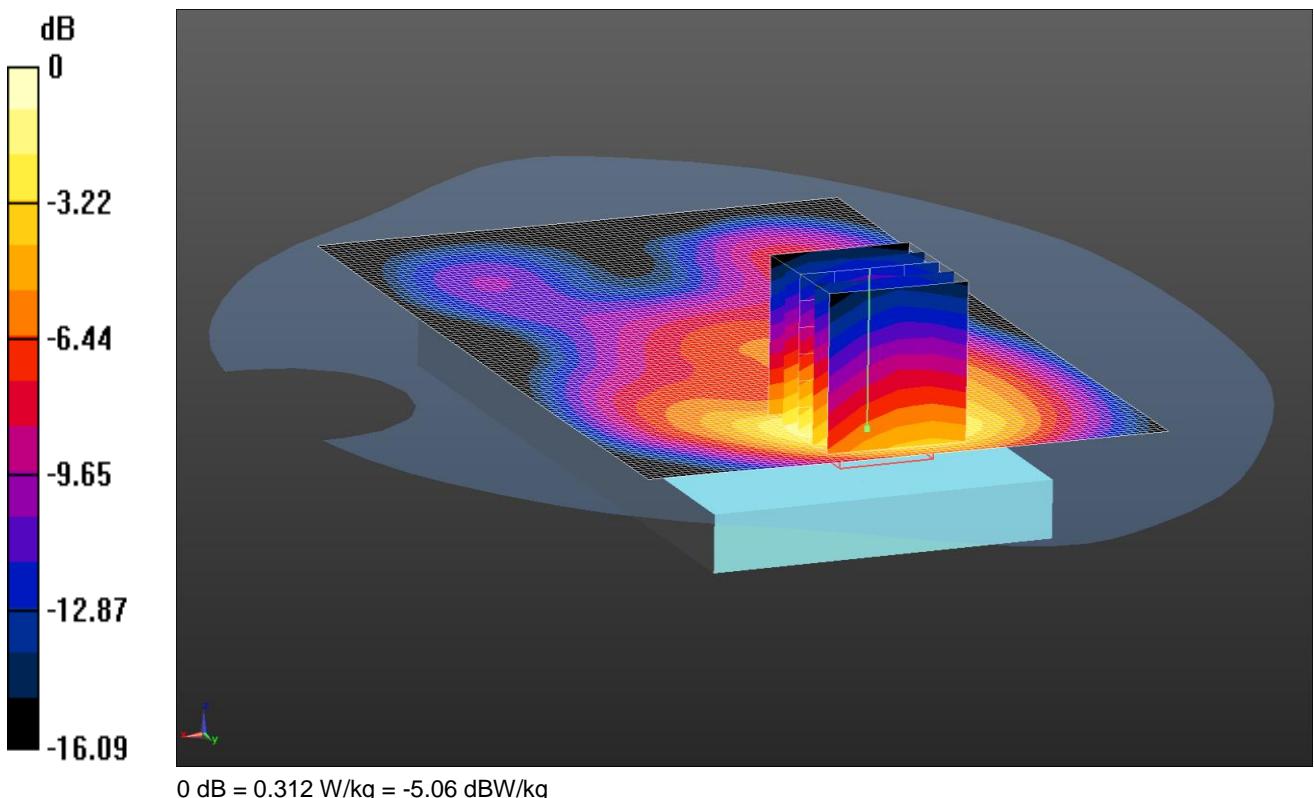
Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.554 W/kg

Date: 5/5/2016

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 MSL Medium parameters used (interpolated): $f = 1860 \text{ MHz}$; $\sigma = 1.545 \text{ S/m}$; $\epsilon_r = 51.366$; $\rho = 1000 \text{ kg/m}^3$

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 1RB Low - Hotspot - PB0/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.289 W/kg

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

Reference Value = 12.49 V/m; Power Drift = 0.04 dB

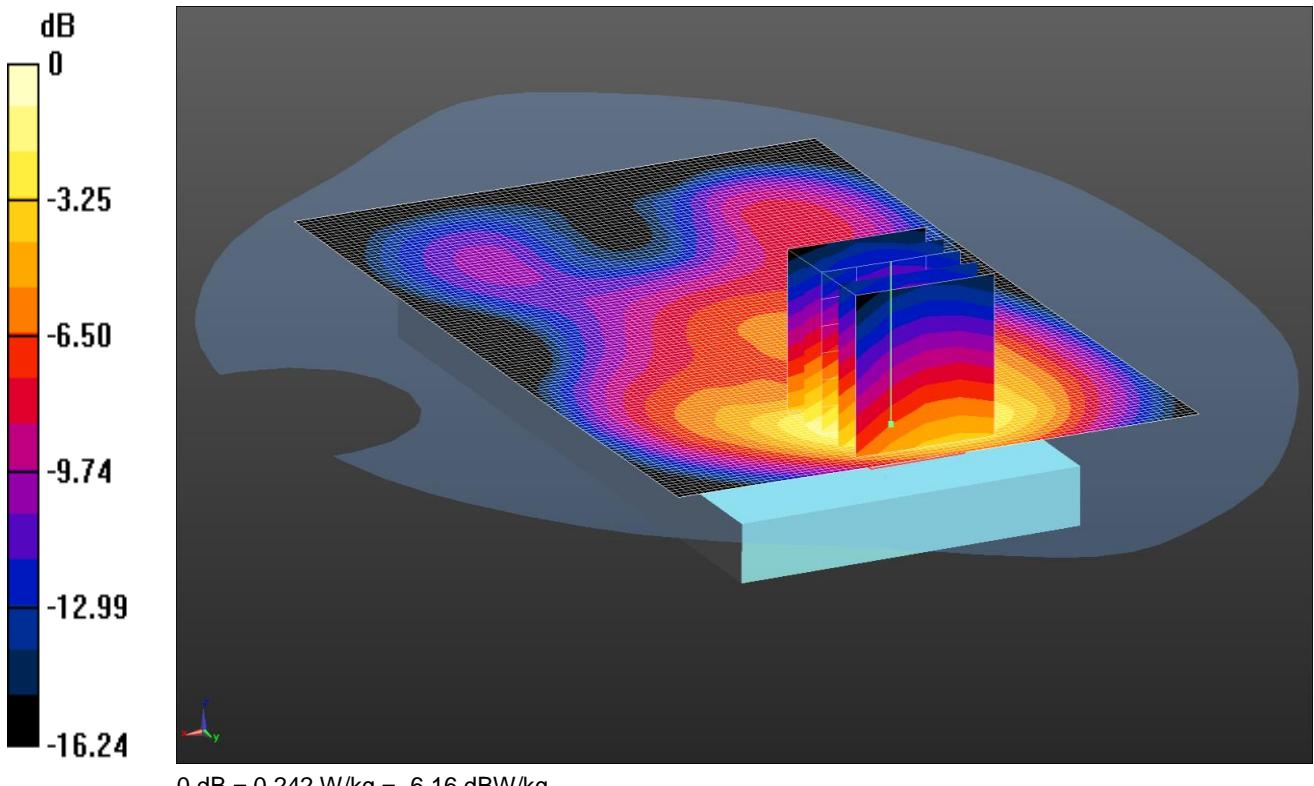
Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.312 W/kg

Date: 5/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.569$ S/m; $\epsilon_r = 51.35$; $\rho = 1000$ kg/m³

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

Maximum value of SAR (interpolated) = 0.222 W/kg

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

Reference Value = 12.71 V/m; Power Drift = 0.01 dB

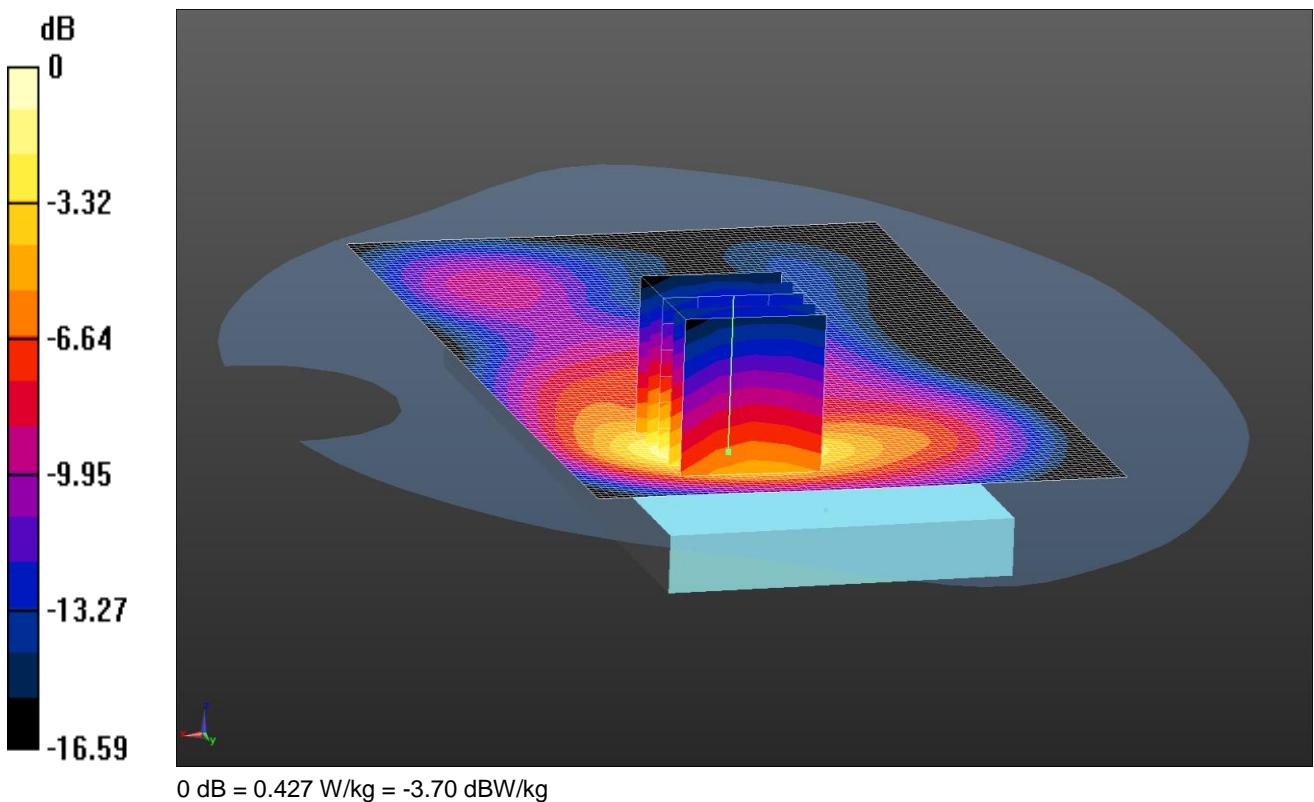
Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.125 W/kg.

Maximum value of SAR (measured) = 0.242 W/kg

Date: 6/5/2016

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 MSL Medium parameters used (interpolated): $f = 1860 \text{ MHz}$; $\sigma = 1.545 \text{ S/m}$; $\epsilon_r = 51.366$; $\rho = 1000 \text{ kg/m}^3$

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 - PB0/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.413 W/kg

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

Reference Value = 15.82 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.646 W/kg

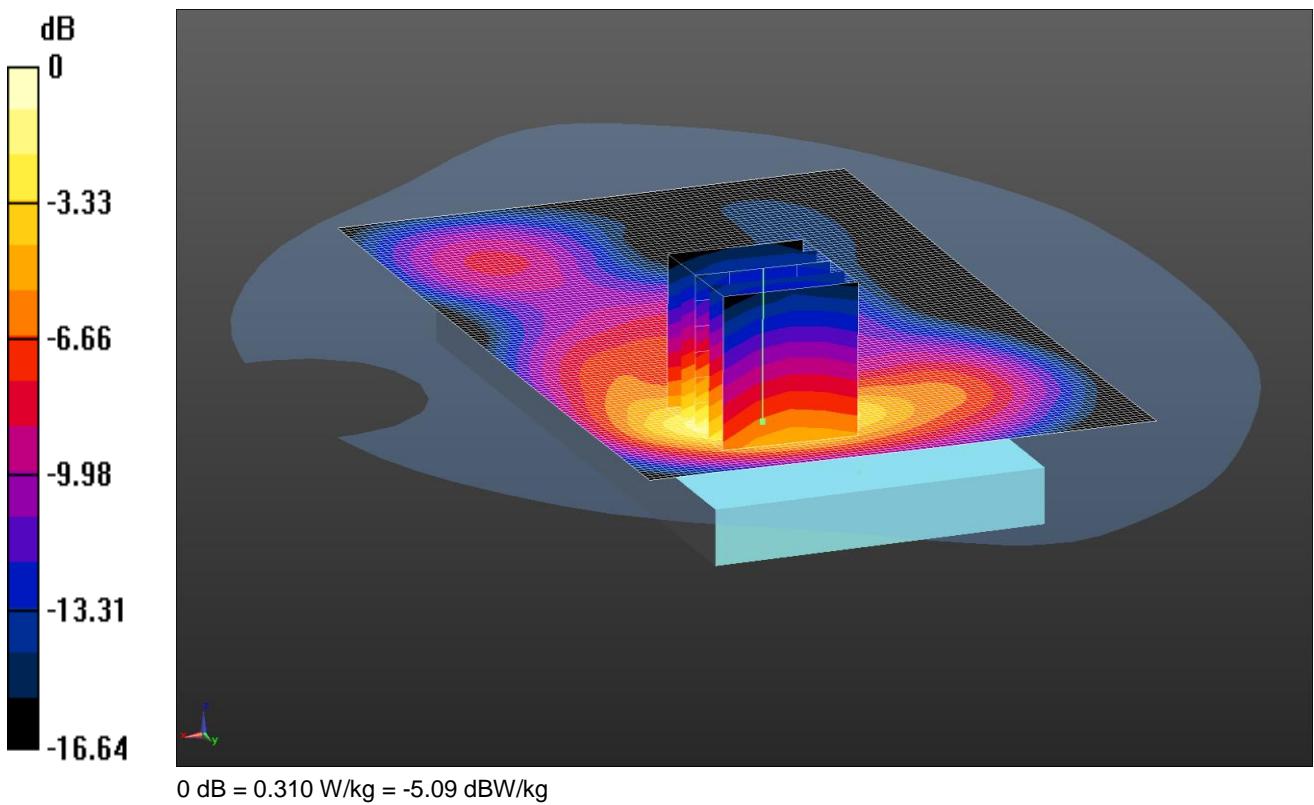
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.209 W/kg

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

SAR/100: Back of EUT Body-worn LTE Band 2 20 MHz 50%RB Low CH18900

Date: 6/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.569 \text{ S/m}$; $\epsilon_r = 51.35$; $\rho = 1000 \text{ kg/m}^3$
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 50%RB Low - Hotspot - PB0/Area Scan (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.301 W/kg

Configuration/Back 50%RB Low - Hotspot - PB0/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.473 W/kg

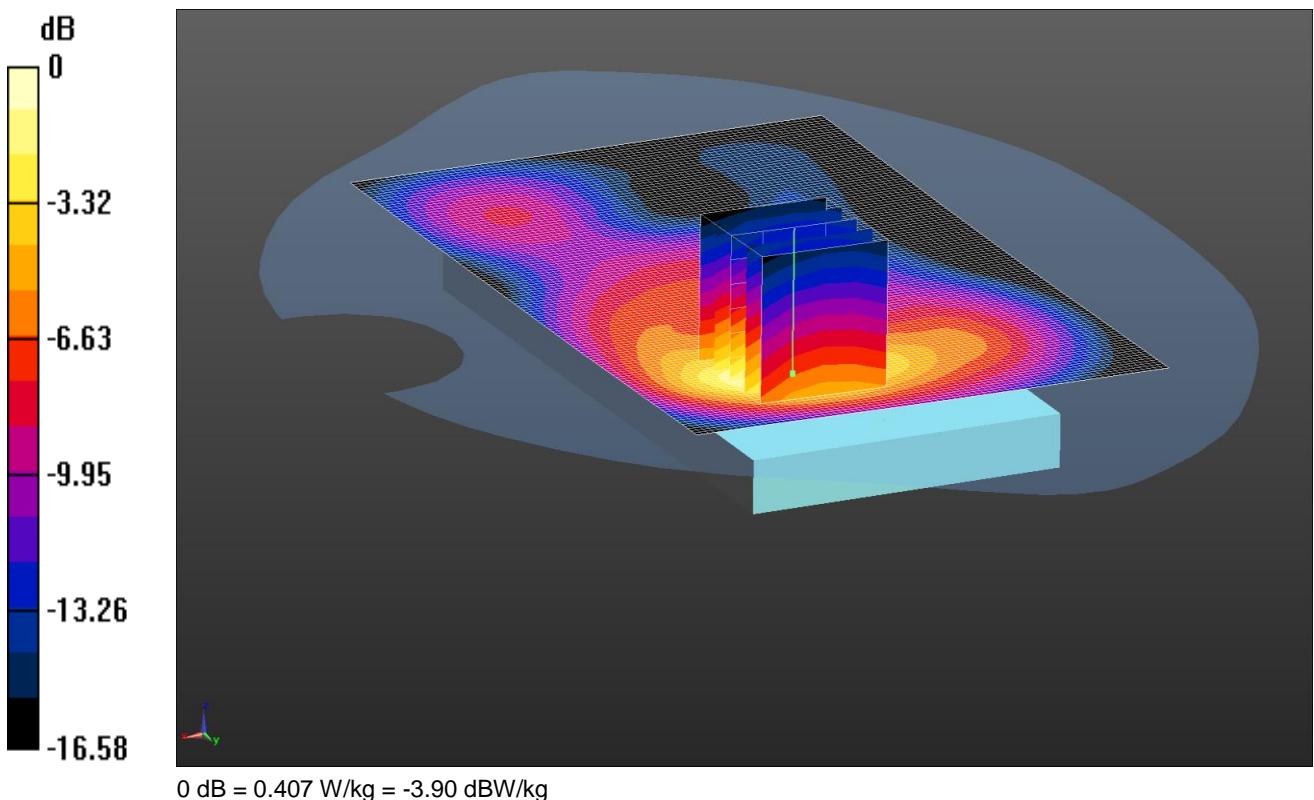
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.310 W/kg

SAR/101: Back of EUT Body-worn LTE Band 2 20 MHz 1RB Low CH18900

Date: 6/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.569$ S/m; $\epsilon_r = 51.35$; $\rho = 1000$ kg/m³
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 - PB0/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.397 W/kg

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

Reference Value = 15.48 V/m; Power Drift = -0.07 dB

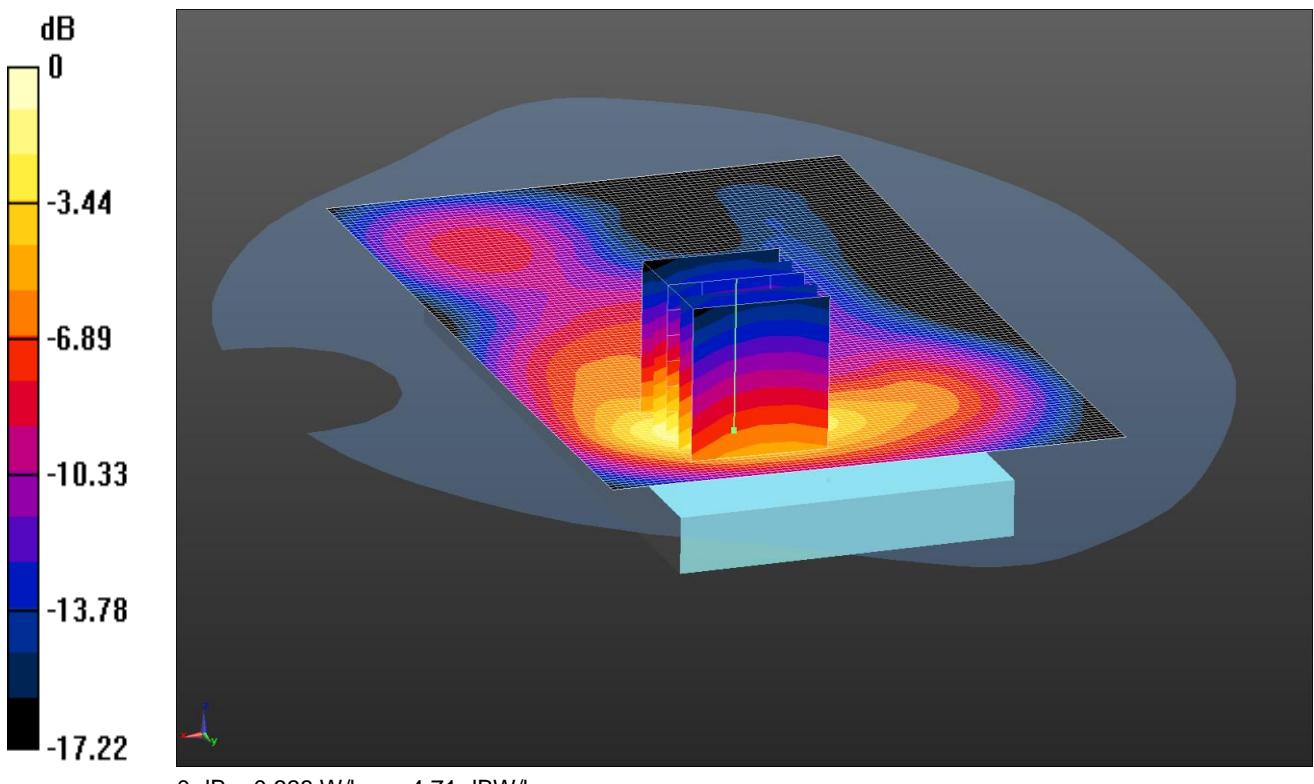
Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.407 W/kg

Date: 6/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.592 \text{ S/m}$; $\epsilon_r = 51.333$; $\rho = 1000 \text{ kg/m}^3$

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 - PB0/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

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

Reference Value = 13.83 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.522 W/kg

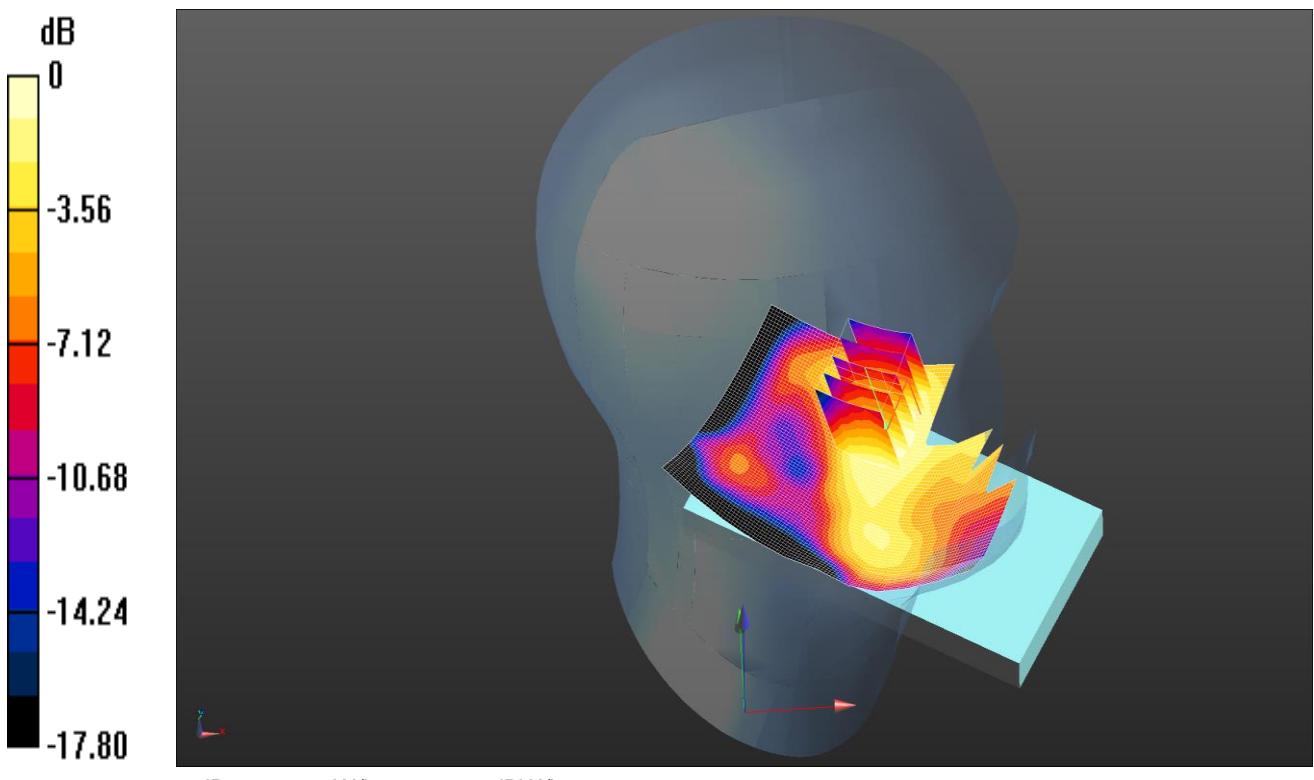
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.166 W/kg

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

SAR/103: Touch Left LTE Band 4 20MHz 1RB Low CH2030

Date: 22/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.289$ S/m; $\epsilon_r = 40.692$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0654 W/kg

Configuration/Touch Left 1RB Low - Head - PBx/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 2.144 V/m; Power Drift = 0.20 dB

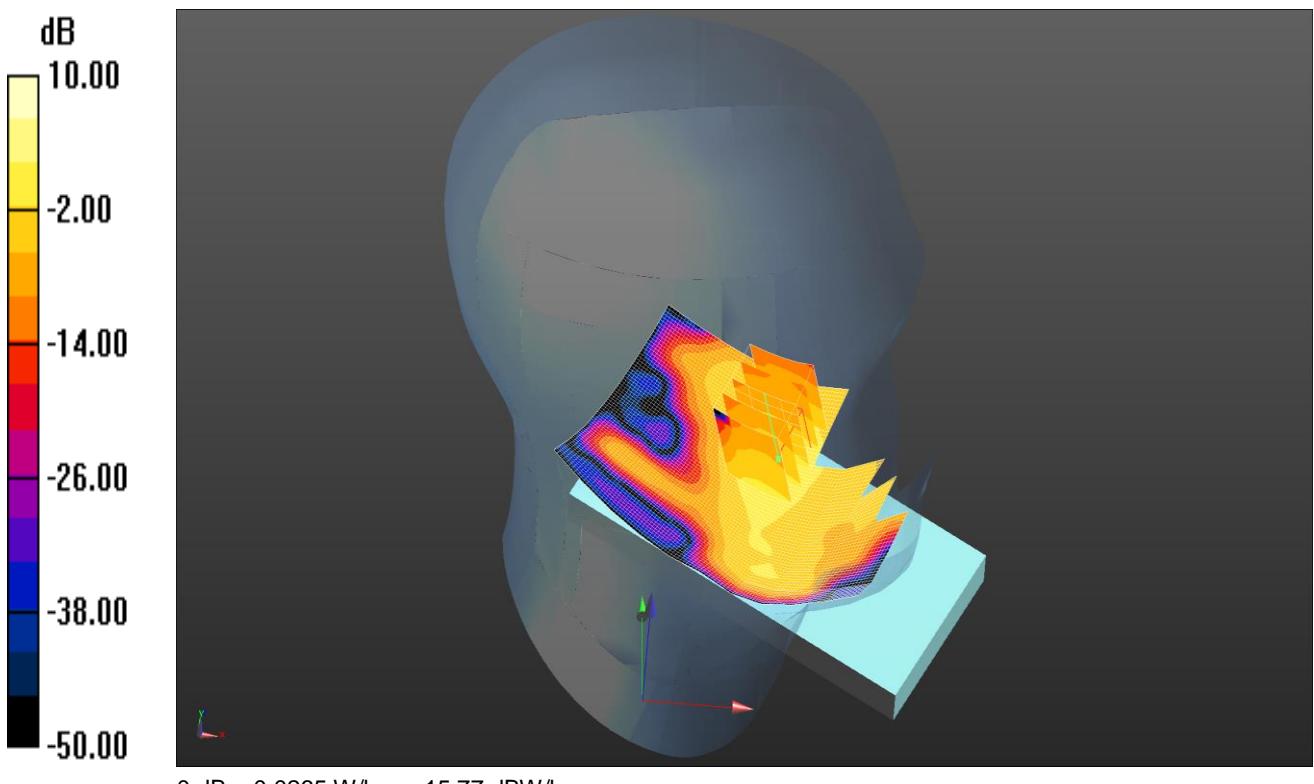
Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0702 W/kg

Date: 22/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.27$ S/m; $\epsilon_r = 40.782$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 - PBx 2/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0273 W/kg

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

Reference Value = 4.739 V/m; Power Drift = 0.17 dB

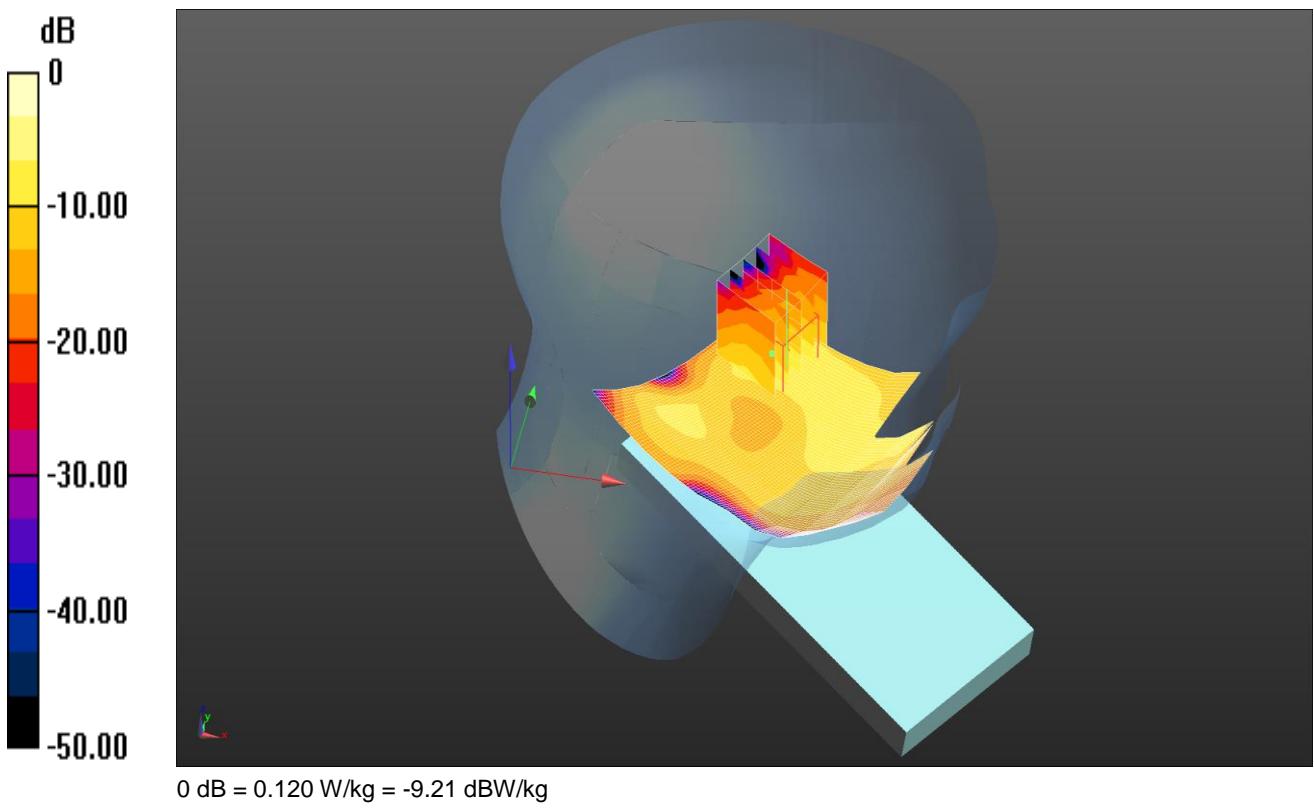
Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0265 W/kg

Date: 22/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.289$ S/m; $\epsilon_r = 40.692$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0260 W/kg

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

Reference Value = 2.417 V/m; Power Drift = -0.01 dB

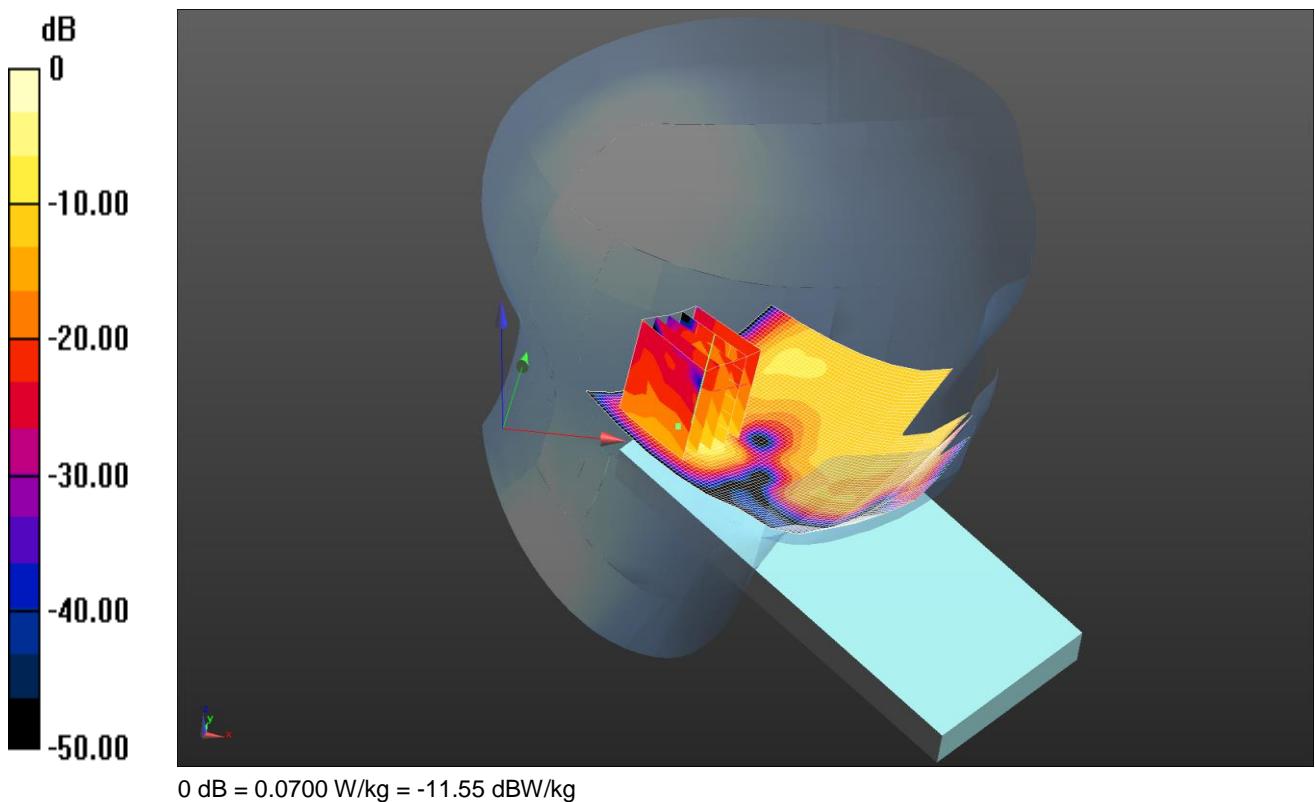
Peak SAR (extrapolated) = 0.0350 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0258 W/kg

Date: 23/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.27$ S/m; $\epsilon_r = 40.782$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0178 W/kg

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

Reference Value = 1.088 V/m; Power Drift = 3.39 dB

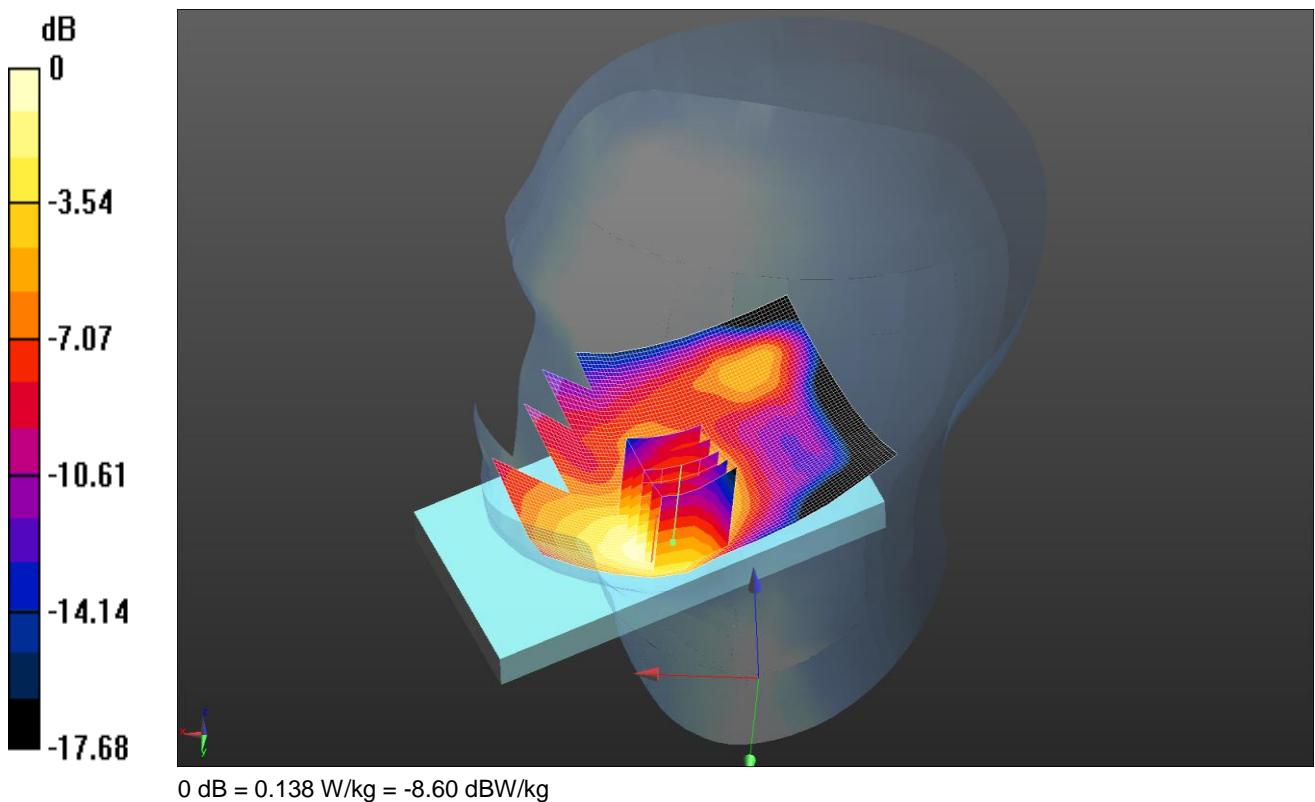
Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.00694 W/kg; SAR(10 g) = 0.0042 W/kg

Maximum value of SAR (measured) = 0.00845 W/kg

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.288$ S/m; $\epsilon_r = 40.872$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 1RB Low - Head - PB0/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

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

Reference Value = 2.366 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.176 W/kg

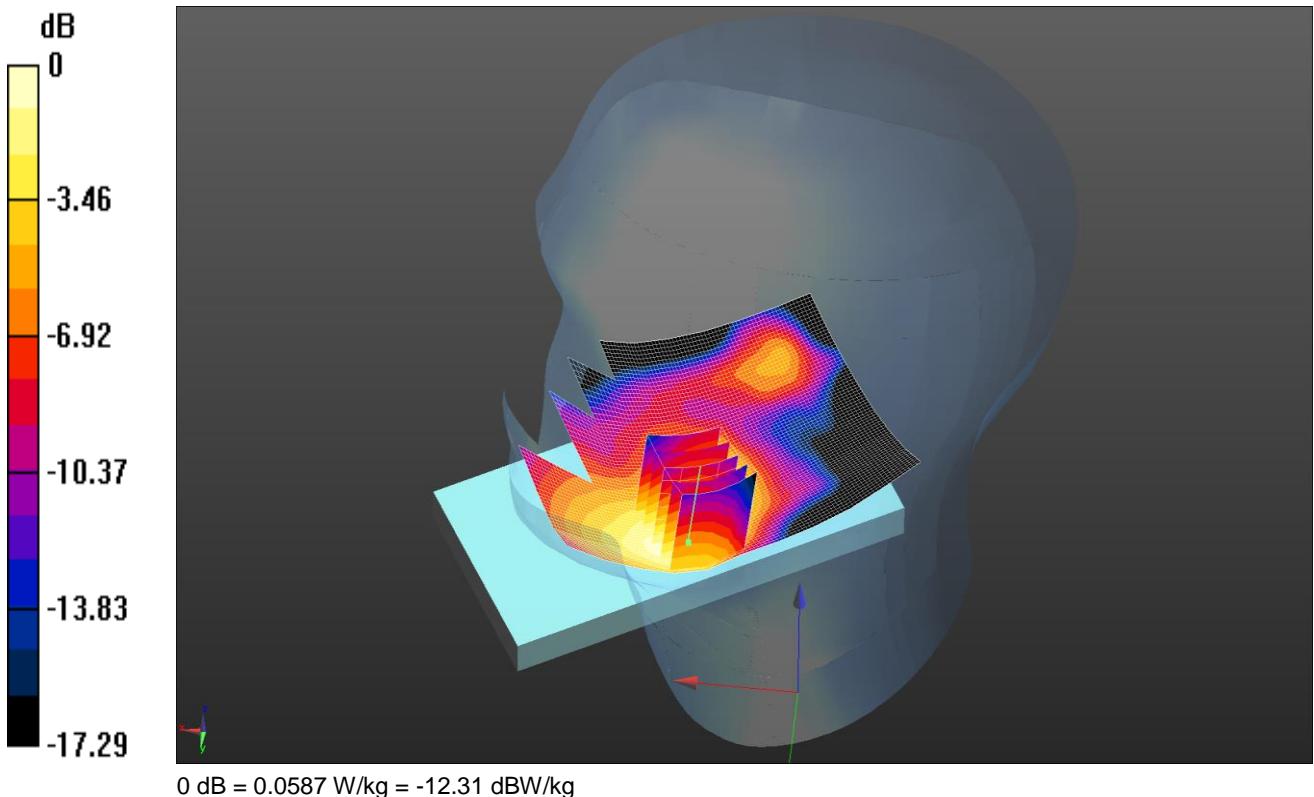
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.078 W/kg

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

SAR/108: Touch Right LTE Band 4 20MHz 50%RB Low CH20050

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.263$ S/m; $\epsilon_r = 40.97$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0610 W/kg

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

Reference Value = 6.454 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0740 W/kg

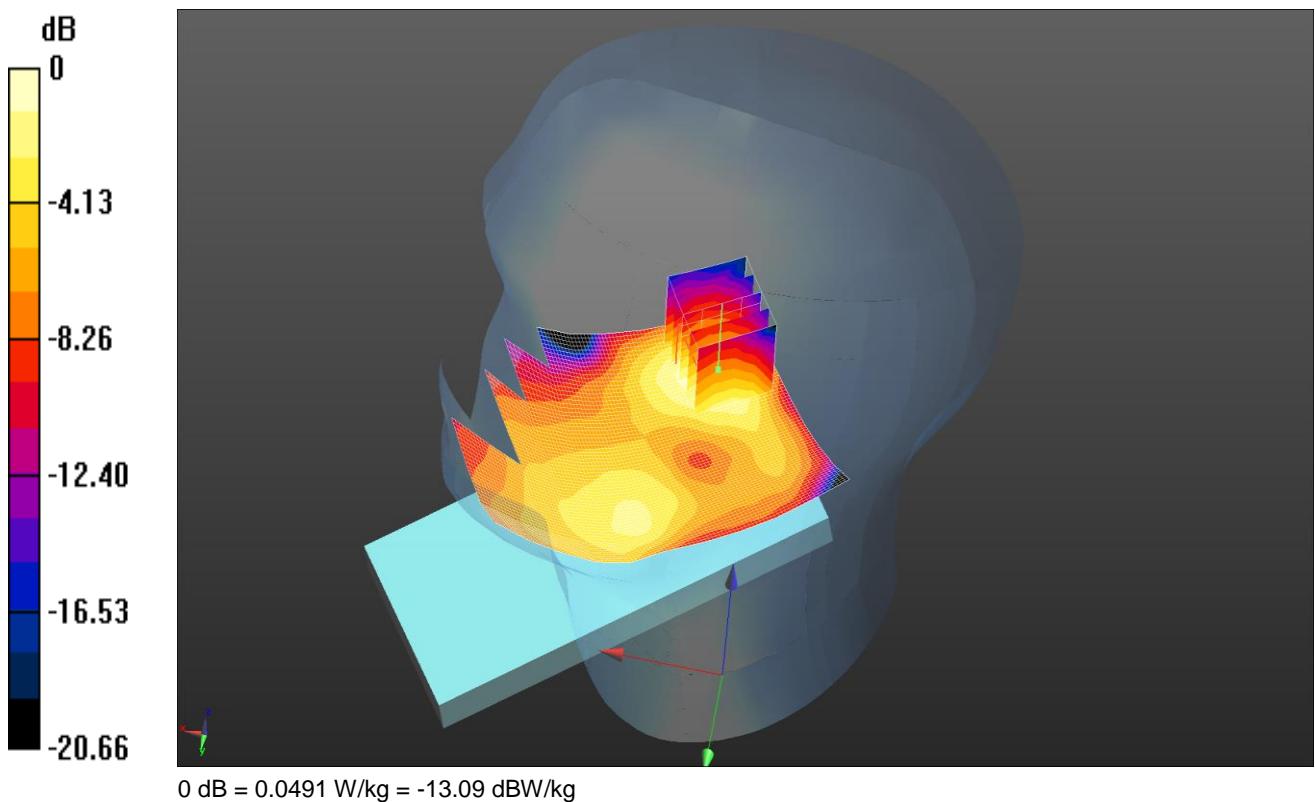
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0587 W/kg

SAR/109: Tilt Right LTE Band 4 20MHz 1RB Low CH20300

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.288$ S/m; $\epsilon_r = 40.872$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0523 W/kg

Configuration/Tilt Right 1RB Low - Head - PB0/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:

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

Reference Value = 3.934 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0610 W/kg

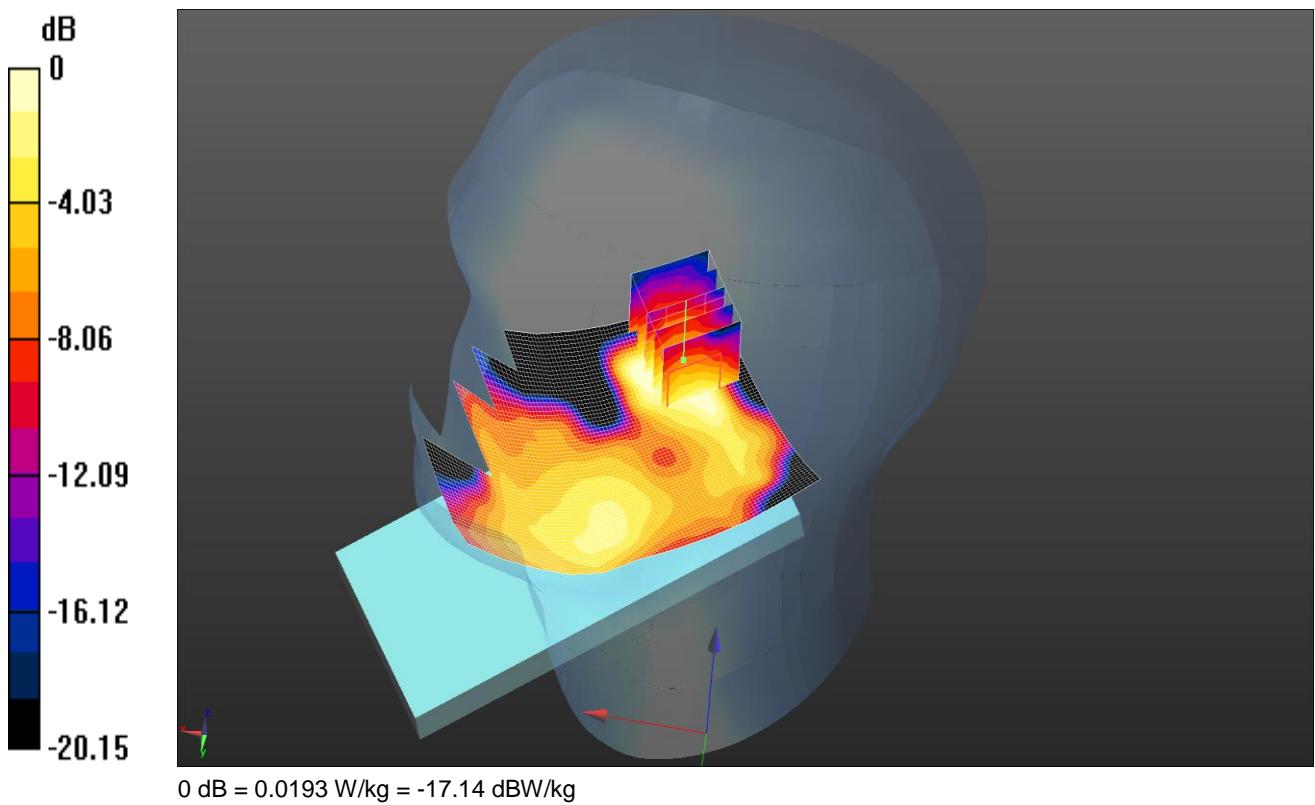
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0491 W/kg

SAR/110: Tilt Right LTE Band 4 20MHz 50%RB Low CH20050

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.263$ S/m; $\epsilon_r = 40.97$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0367 W/kg

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

Reference Value = 3.767 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0250 W/kg

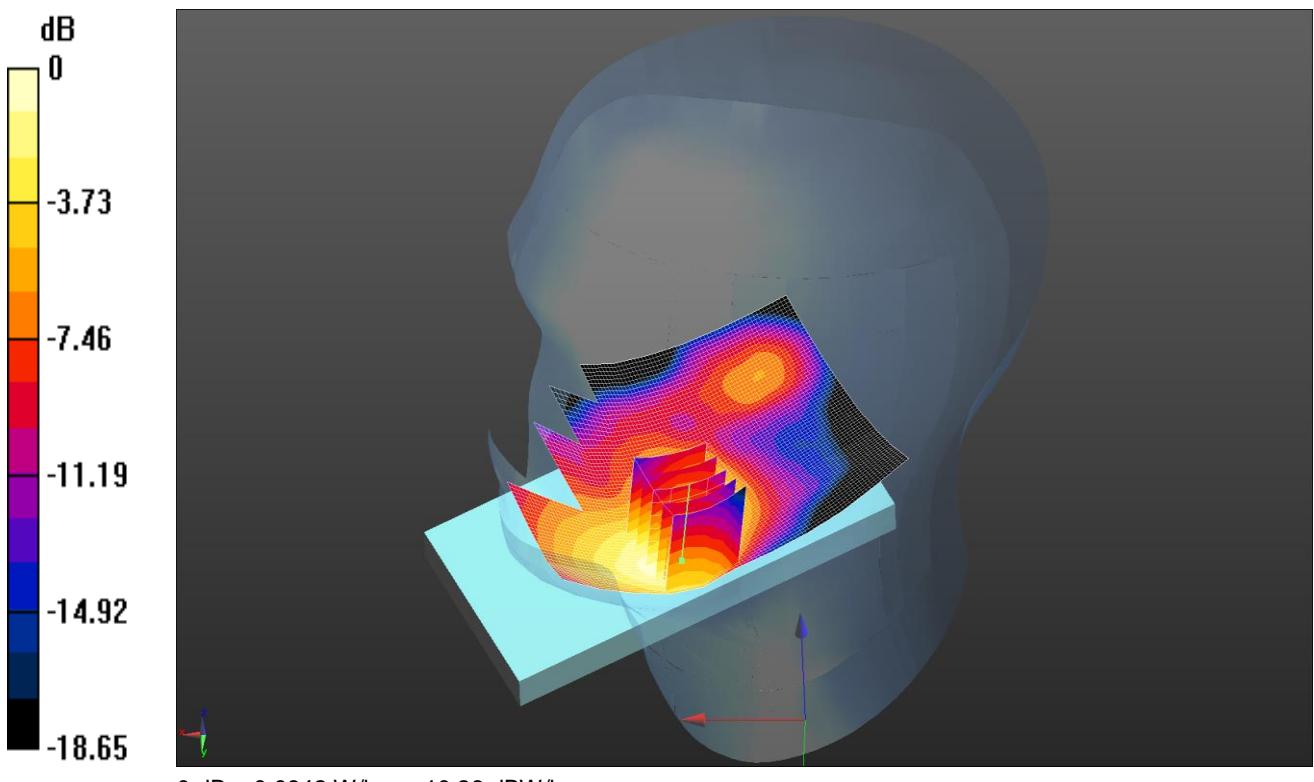
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00999 W/kg

Maximum value of SAR (measured) = 0.0193 W/kg

SAR/111: Touch Right LTE Band 4 20MHz 1RB Low CH20050

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.263$ S/m; $\epsilon_r = 40.97$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 1RB Low - Head - PB0/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0949 W/kg

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

Reference Value = 1.495 V/m; Power Drift = -0.34 dB

Peak SAR (extrapolated) = 0.118 W/kg

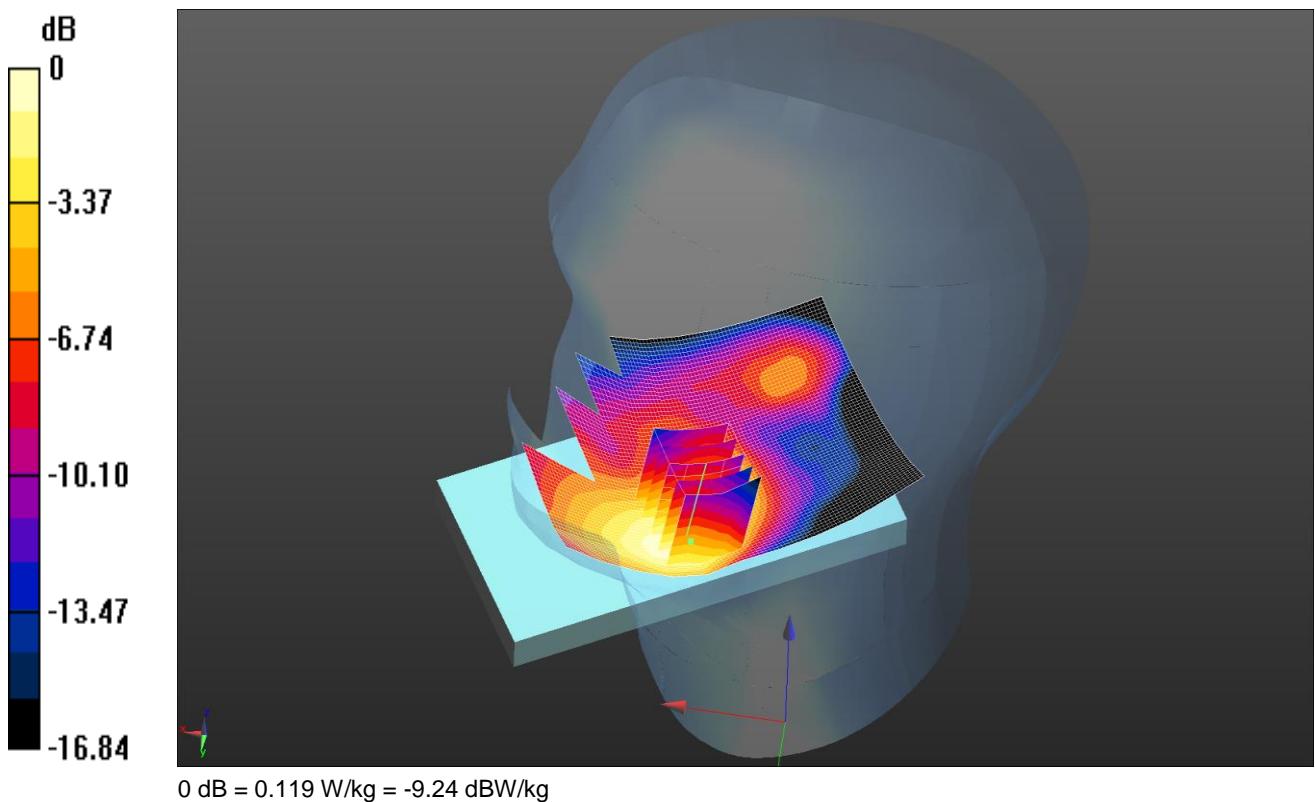
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0942 W/kg

SAR/112: Touch Right LTE Band 4 20MHz 1RB Low CH20175

Date: 25/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.275$ S/m; $\epsilon_r = 40.921$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (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 1RB Low - Head - PB0/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 2.011 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.147 W/kg

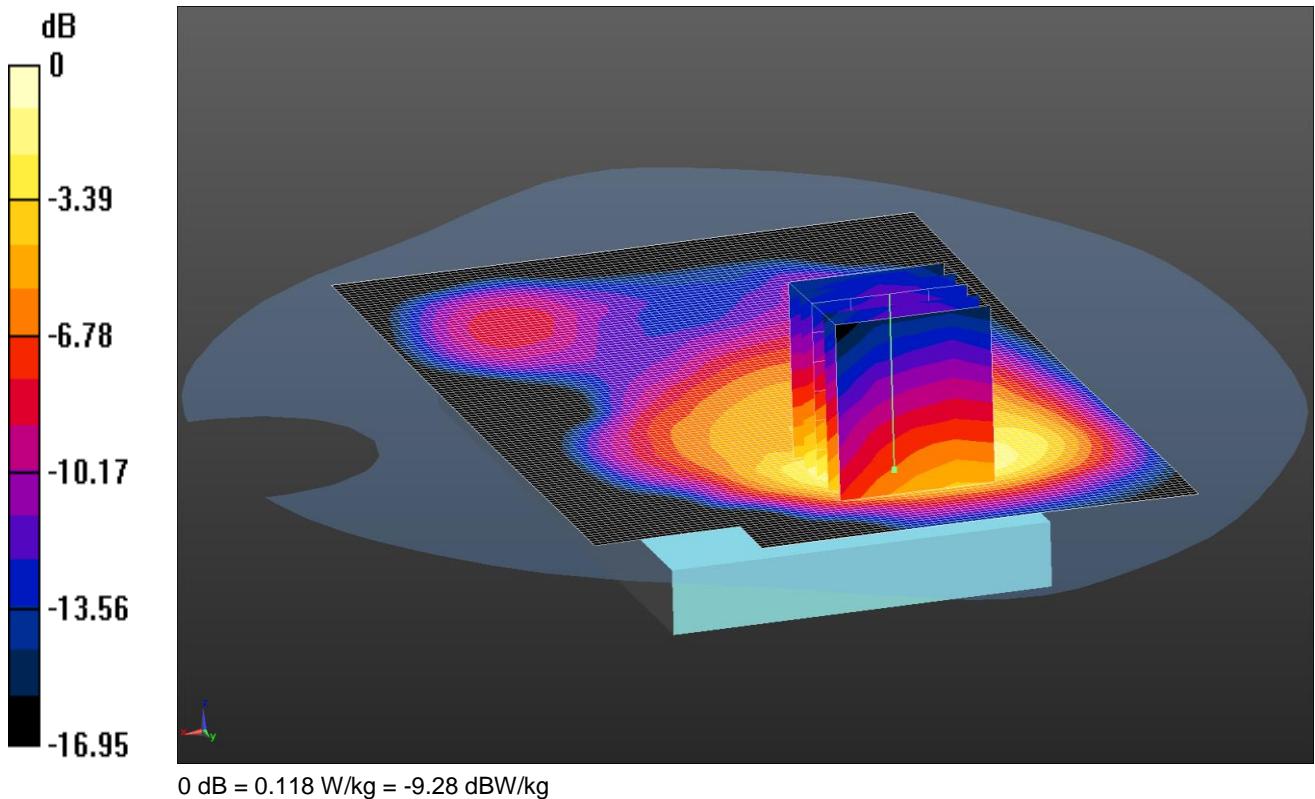
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.066 W/kg

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

SAR/113: Front of EUT Hotspot LTE Band 4 20MHz 1RB Low CH2030

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 50.952$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front 1RB Low - Hotspot - PB1/Area Scan 2 2 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

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

Reference Value = 8.193 V/m; Power Drift = -0.02 dB

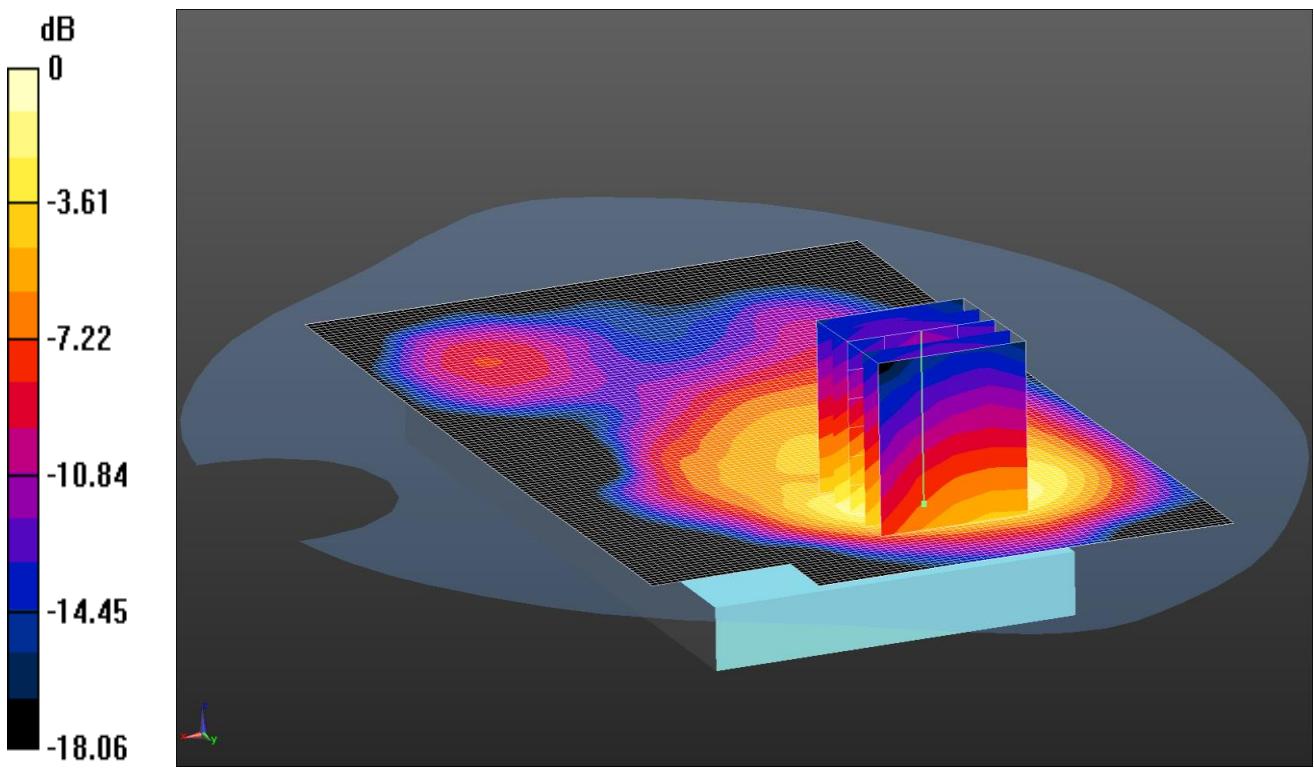
Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.118 W/kg

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 50.994$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front 50%RB Low - Hotspot - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0797 W/kg

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

Reference Value = 7.057 V/m; Power Drift = 0.07 dB

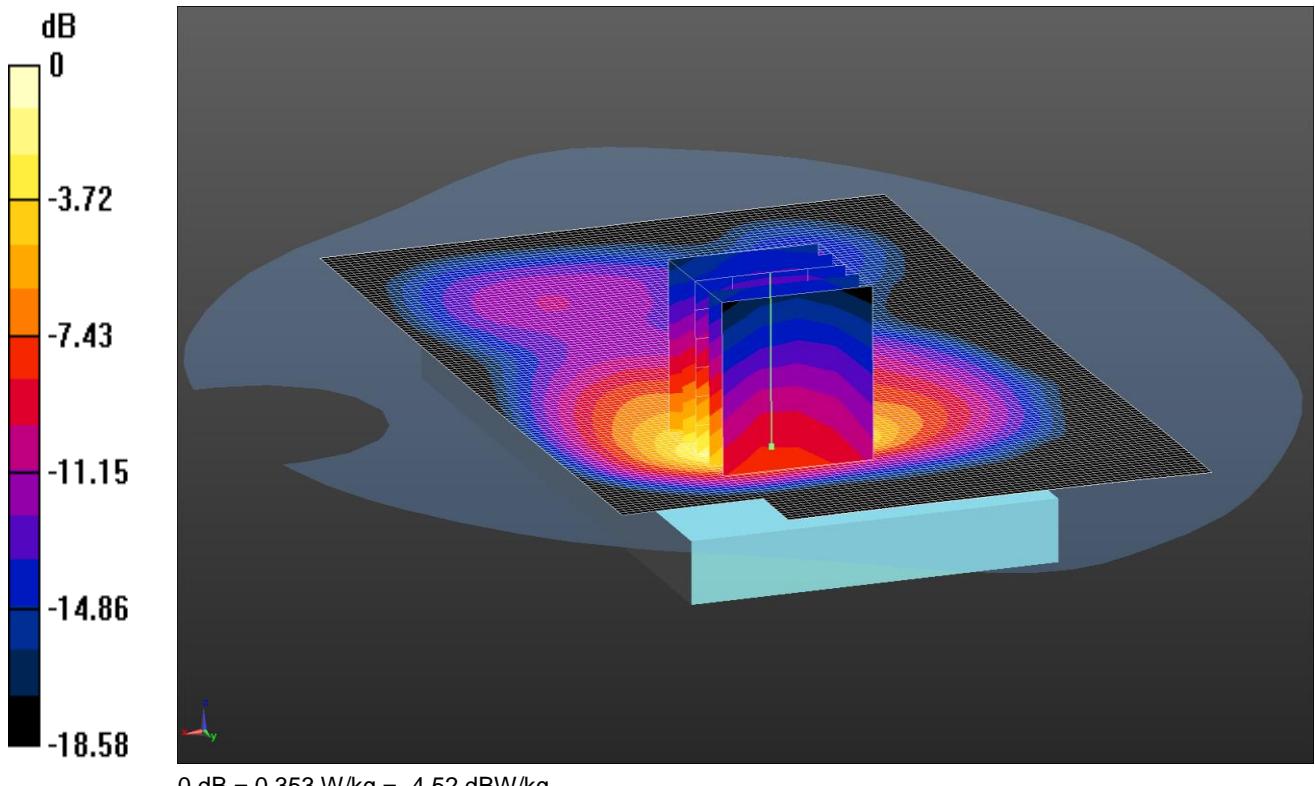
Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0880 W/kg

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 50.952$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 2 2 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

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

Reference Value = 14.81 V/m; Power Drift = 0.04 dB

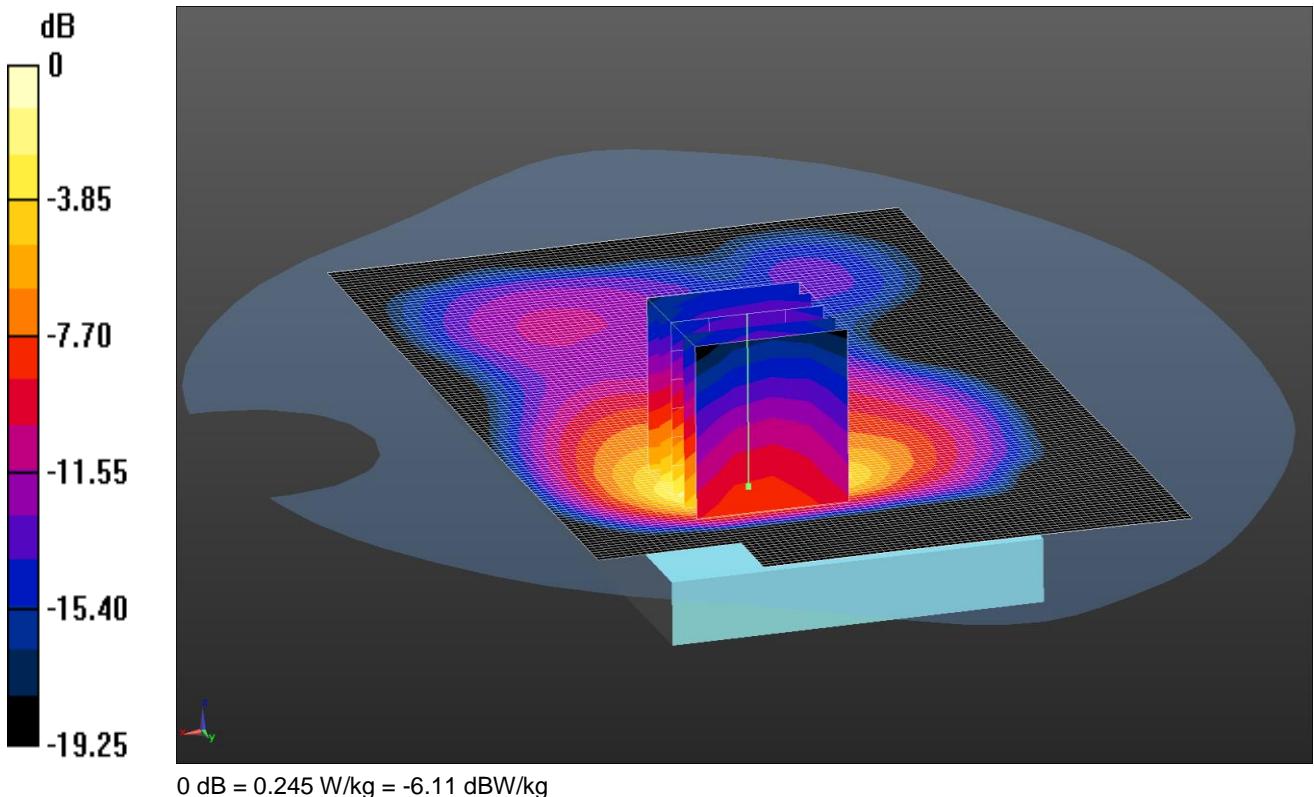
Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.353 W/kg

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 50.994$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 50%RB Low - Hotspot - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

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

Reference Value = 13.10 V/m; Power Drift = 0.04 dB

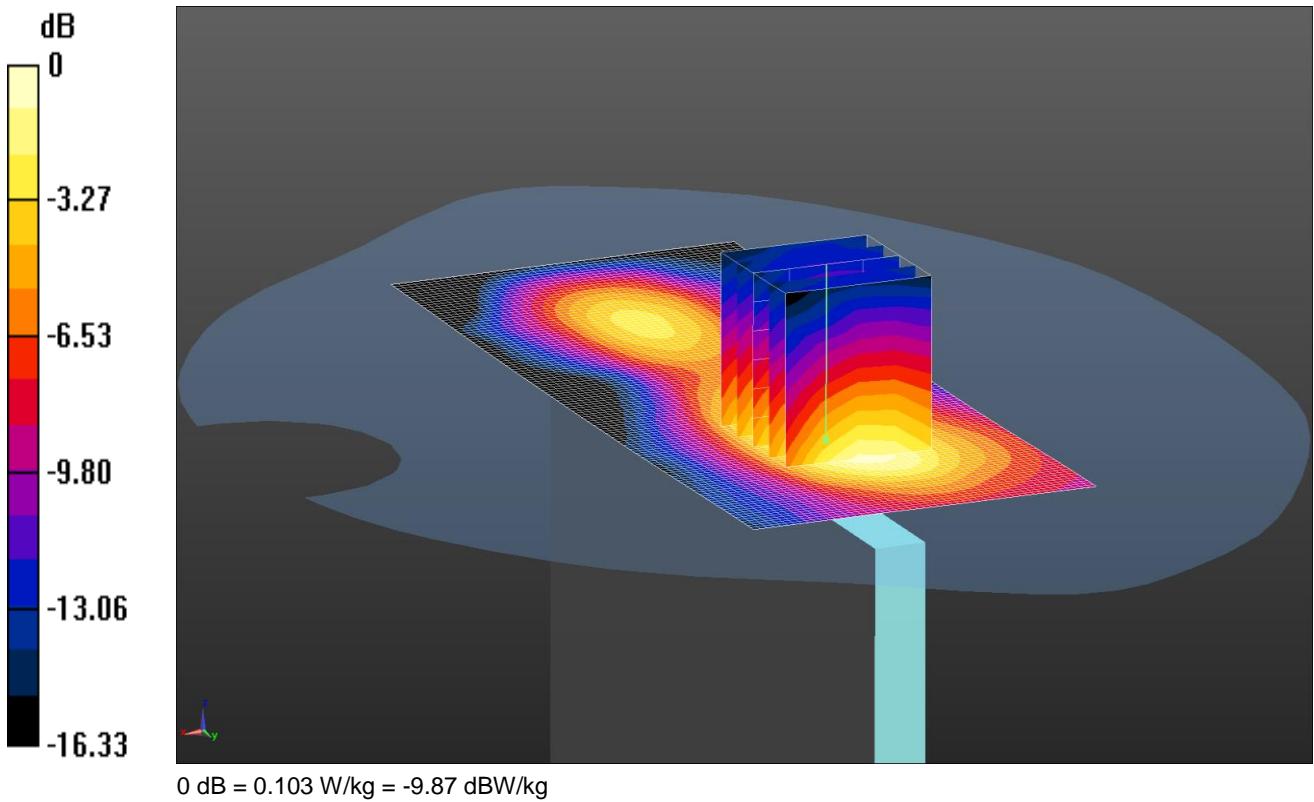
Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.245 W/kg

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 50.952$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 2 2 2 2 (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

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

Reference Value = 7.971 V/m; Power Drift = -0.03 dB

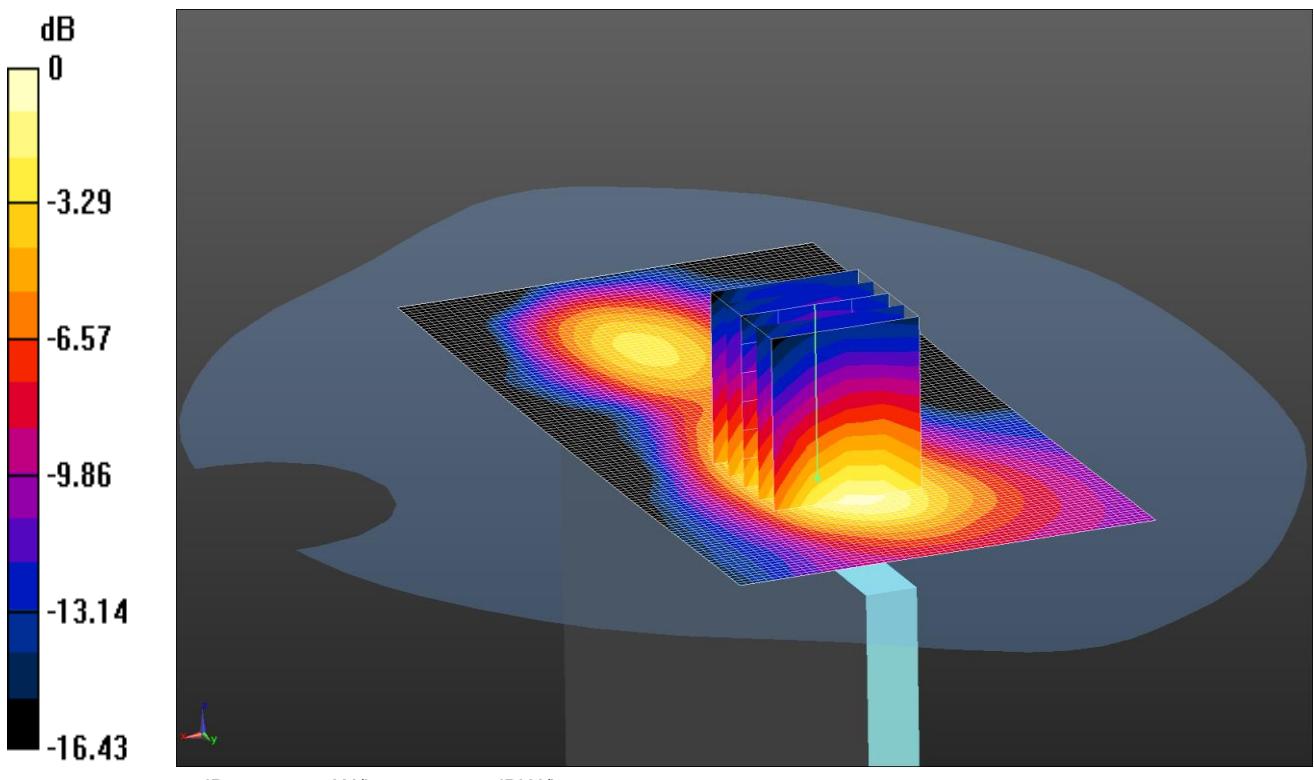
Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.103 W/kg

Date: 29/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 50.994$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 2 2 2 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0775 W/kg

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

Reference Value = 8.516 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.114 W/kg

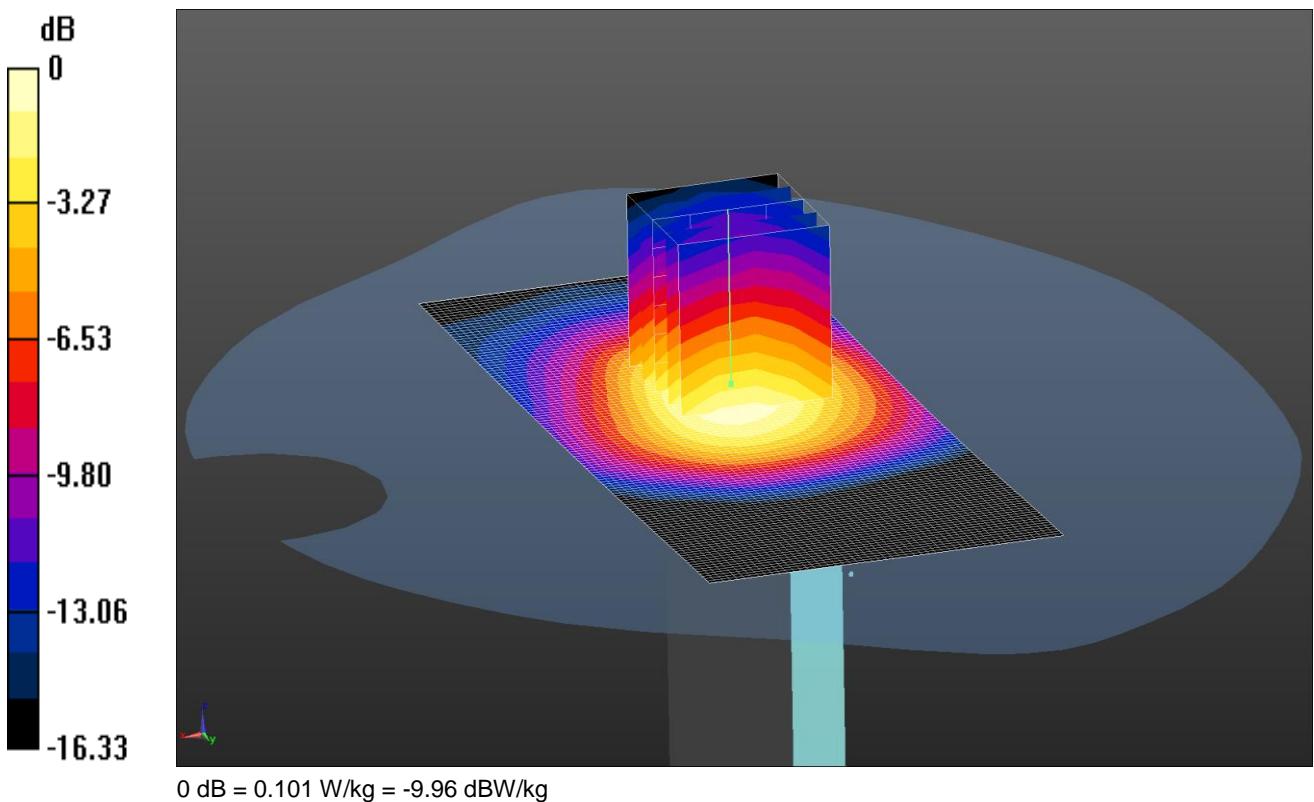
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0762 W/kg

SAR/119: Bottom of EUT Hotspot LTE Band 4 20MHz 1RB Low CH20300

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.526 \text{ S/m}$; $\epsilon_r = 53.081$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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) = 0.104 W/kg

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

Reference Value = 8.071 V/m; Power Drift = -0.07 dB

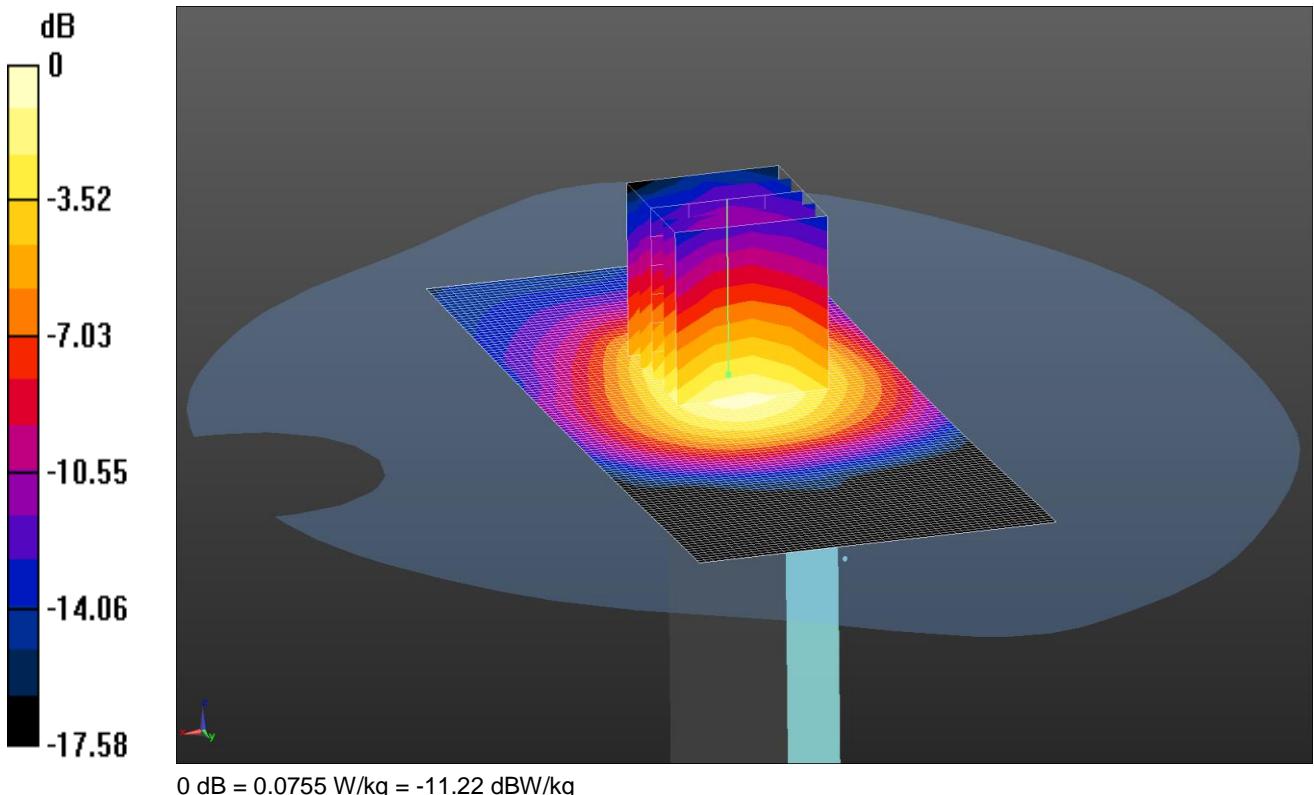
Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.057 W/kg

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

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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) = 0.0772 W/kg

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

Reference Value = 7.196 V/m; Power Drift = 0.04 dB

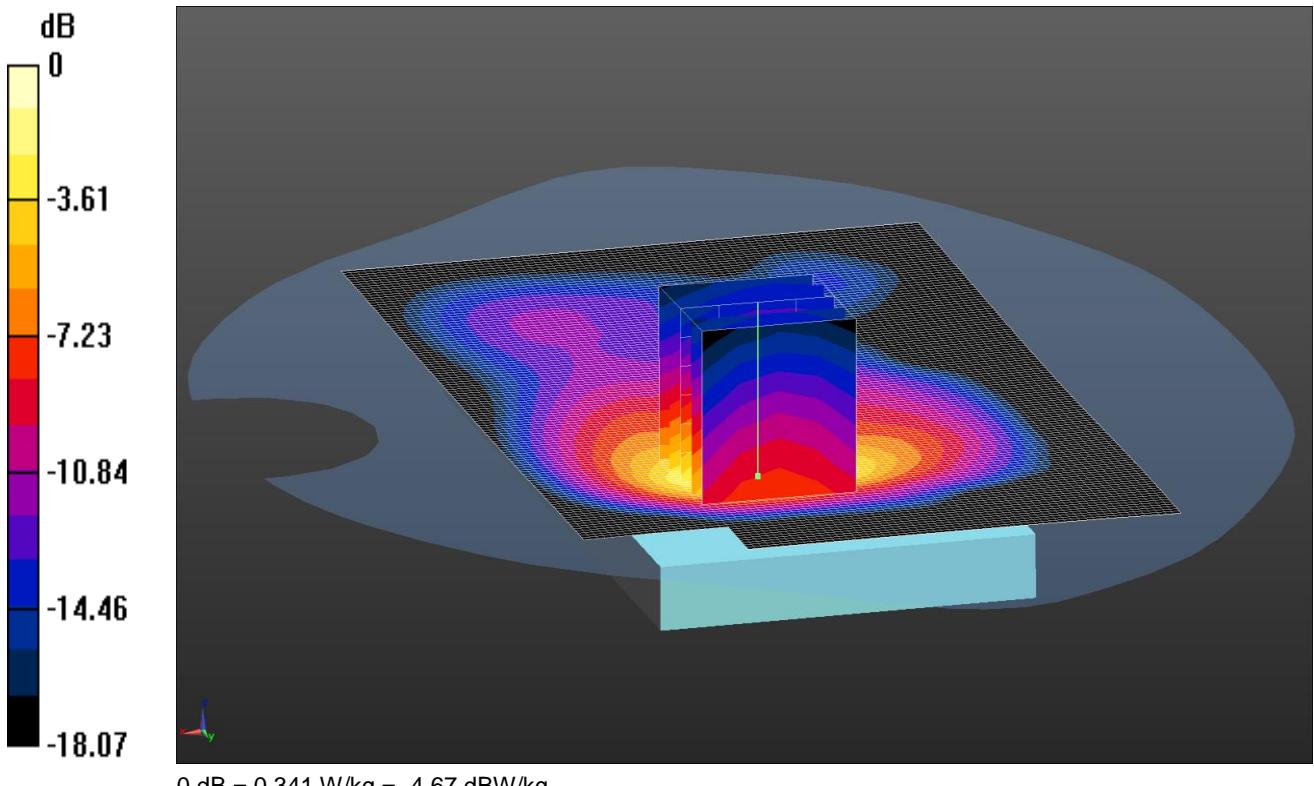
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0755 W/kg

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.526 \text{ S/m}$; $\epsilon_r = 53.081$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 15.26 V/m; Power Drift = -0.08 dB

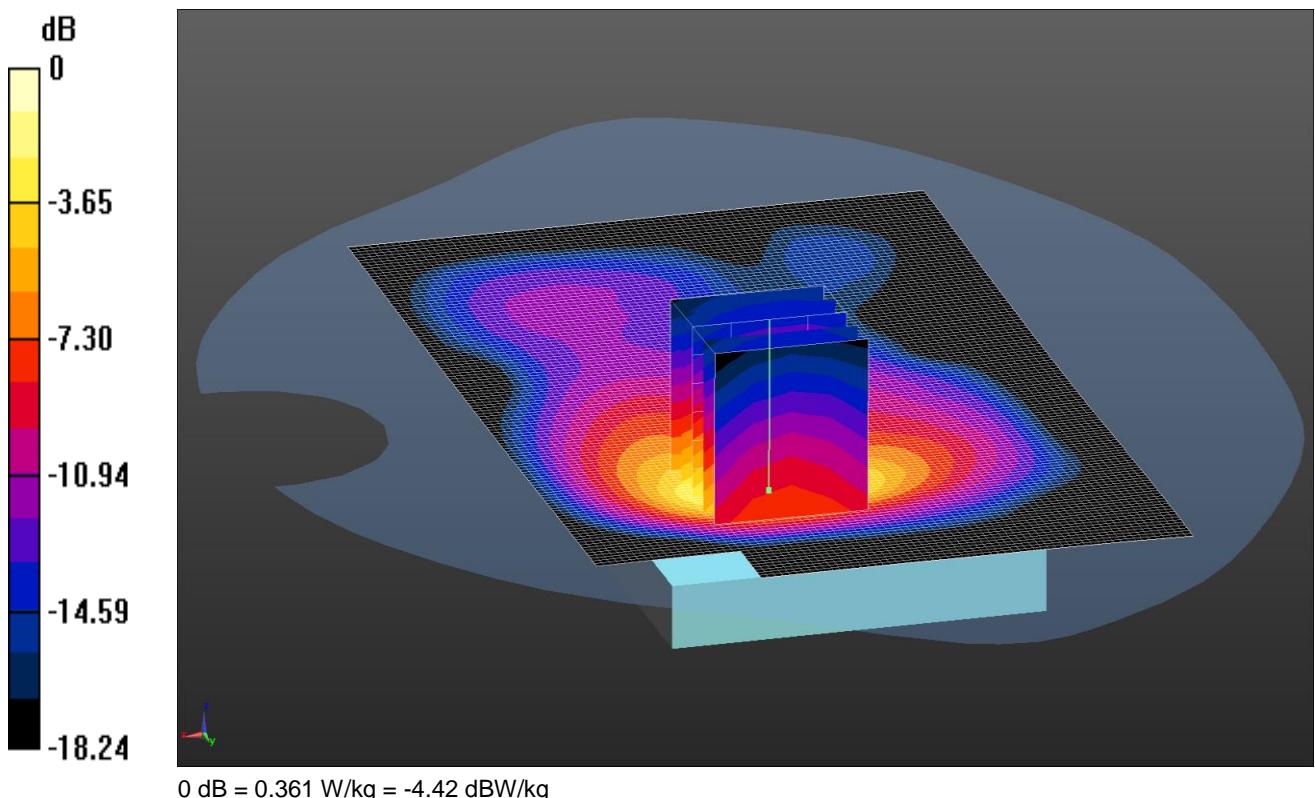
Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.151 W/kg

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

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.526 \text{ S/m}$; $\epsilon_r = 53.081$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 50%RB Low - Hotspot - PB1/Area Scan (81x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.361 W/kg

Configuration/Back 50%RB Low - Hotspot - PB1/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.64 V/m; Power Drift = 0.02 dB

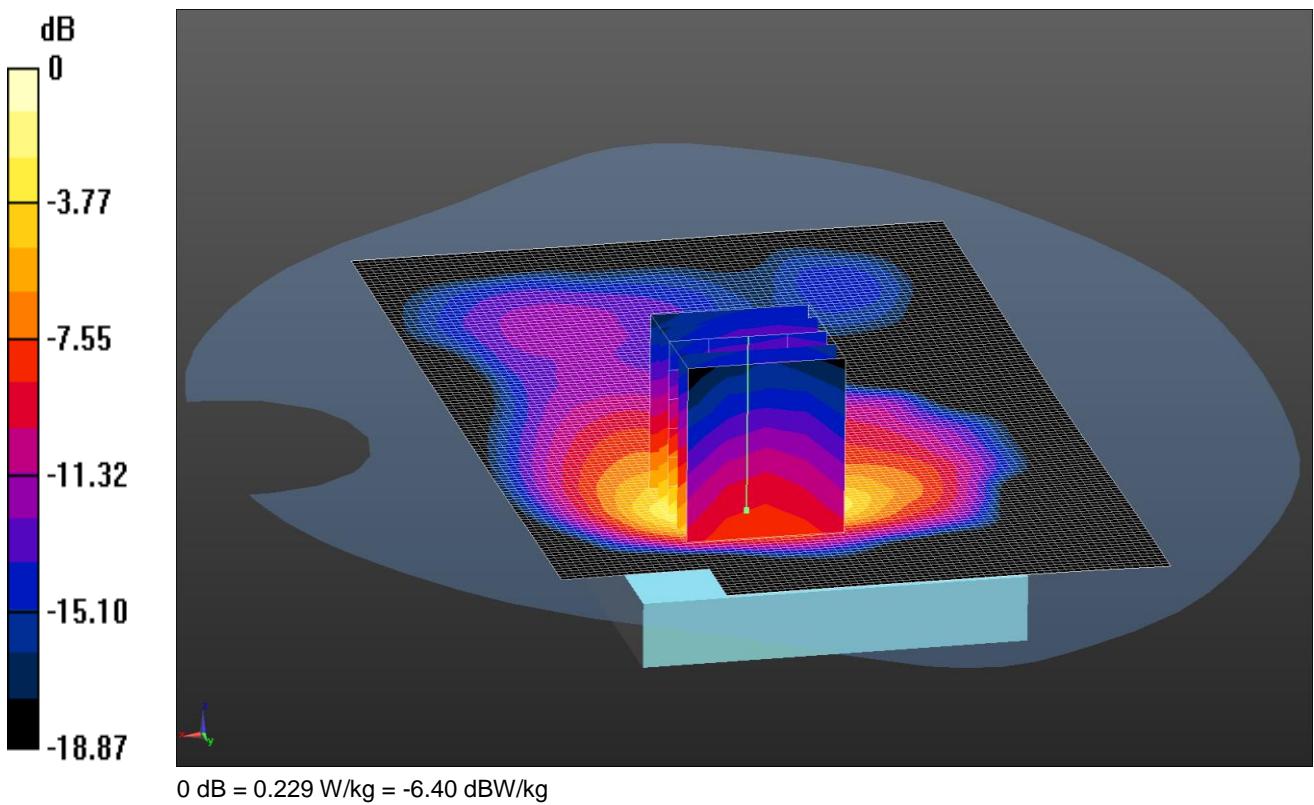
Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.361 W/kg

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720 \text{ MHz}$; $\sigma = 1.501 \text{ S/m}$; $\epsilon_r = 53.122$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 50%RB Low - Hotspot - PB1/Area Scan (81x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.229 W/kg

Configuration/Back 50%RB Low - Hotspot - PB1/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.51 V/m; Power Drift = 0.05 dB

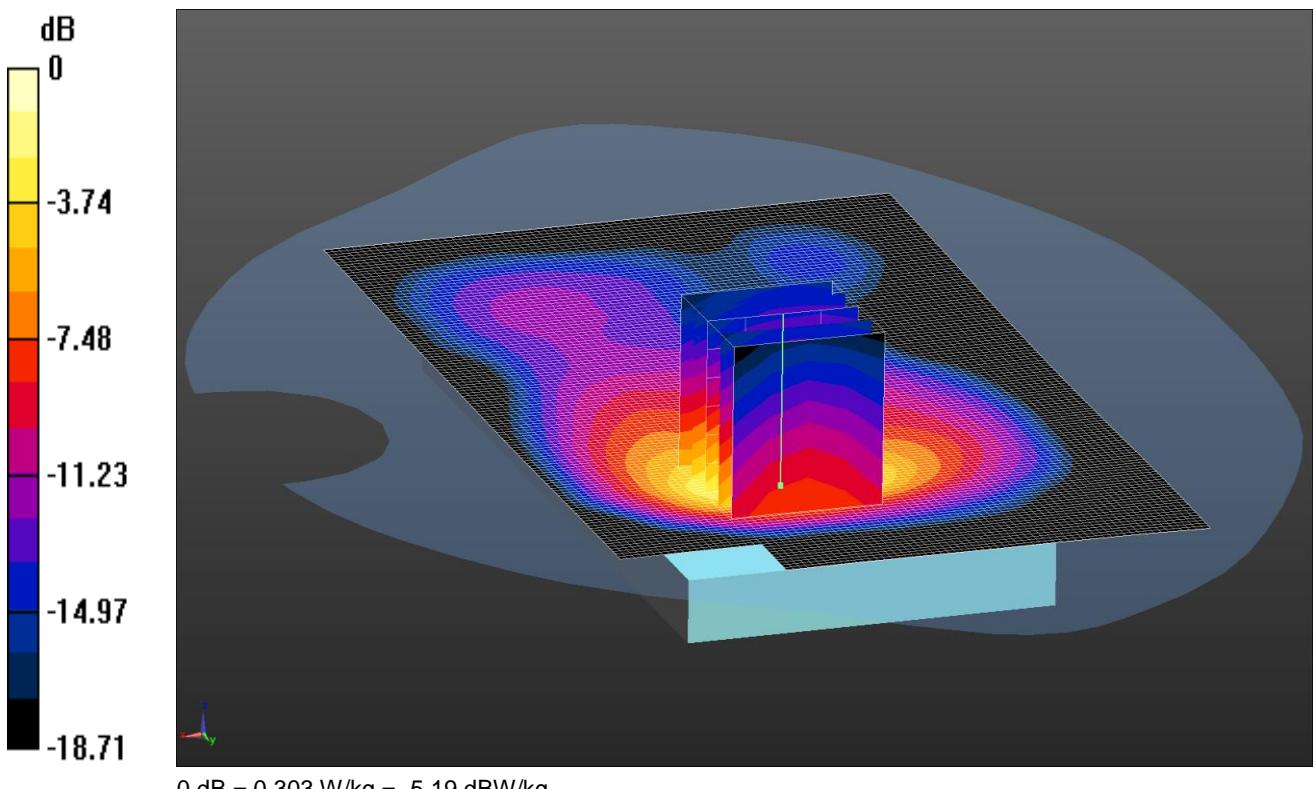
Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.101 W/kg

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

Date: 3/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 50%RB Low - Hotspot - PB1/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

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

Reference Value = 14.39 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.486 W/kg

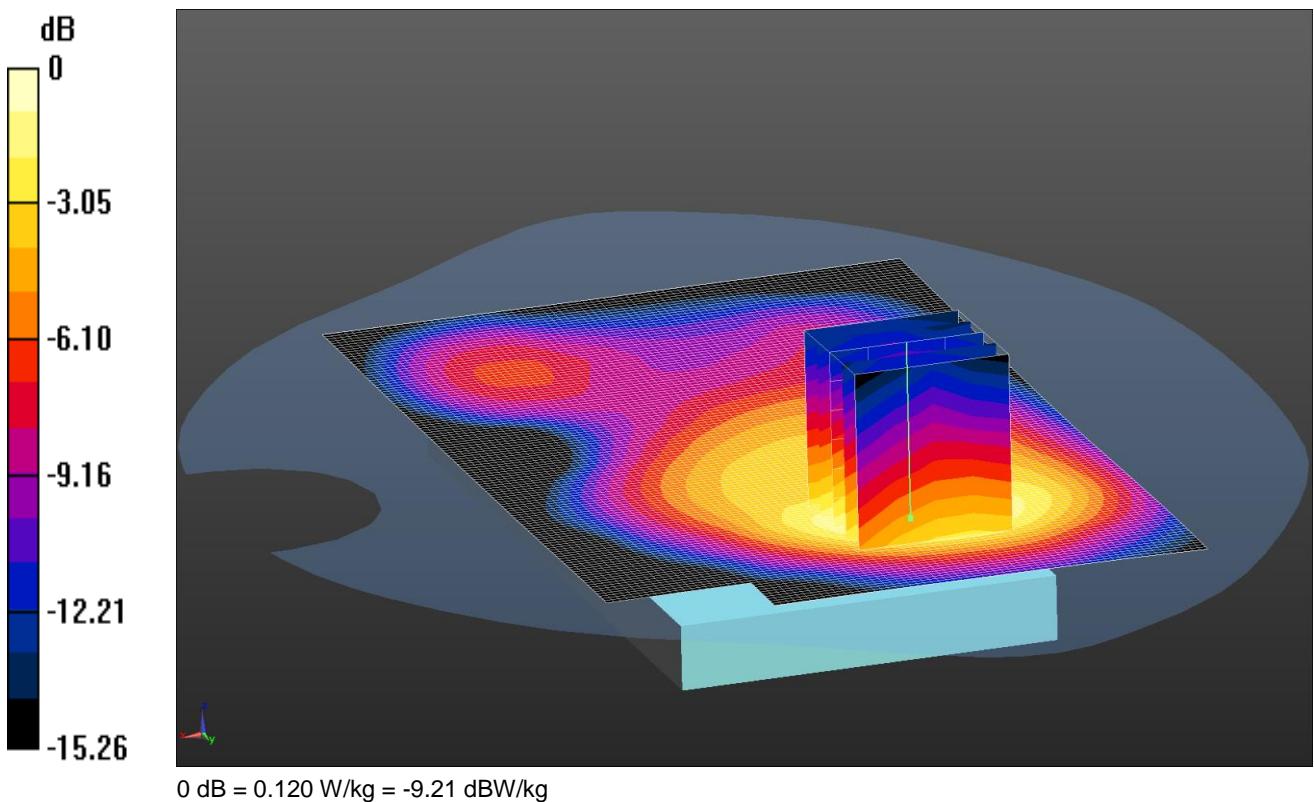
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.133 W/kg

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

SAR/125: Front of EUT Body-worn LTE Band 4 20MHz 1RB Low CH20300

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.48 \text{ S/m}$; $\epsilon_r = 52.804$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

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

Reference Value = 7.302 V/m; Power Drift = 0.09 dB

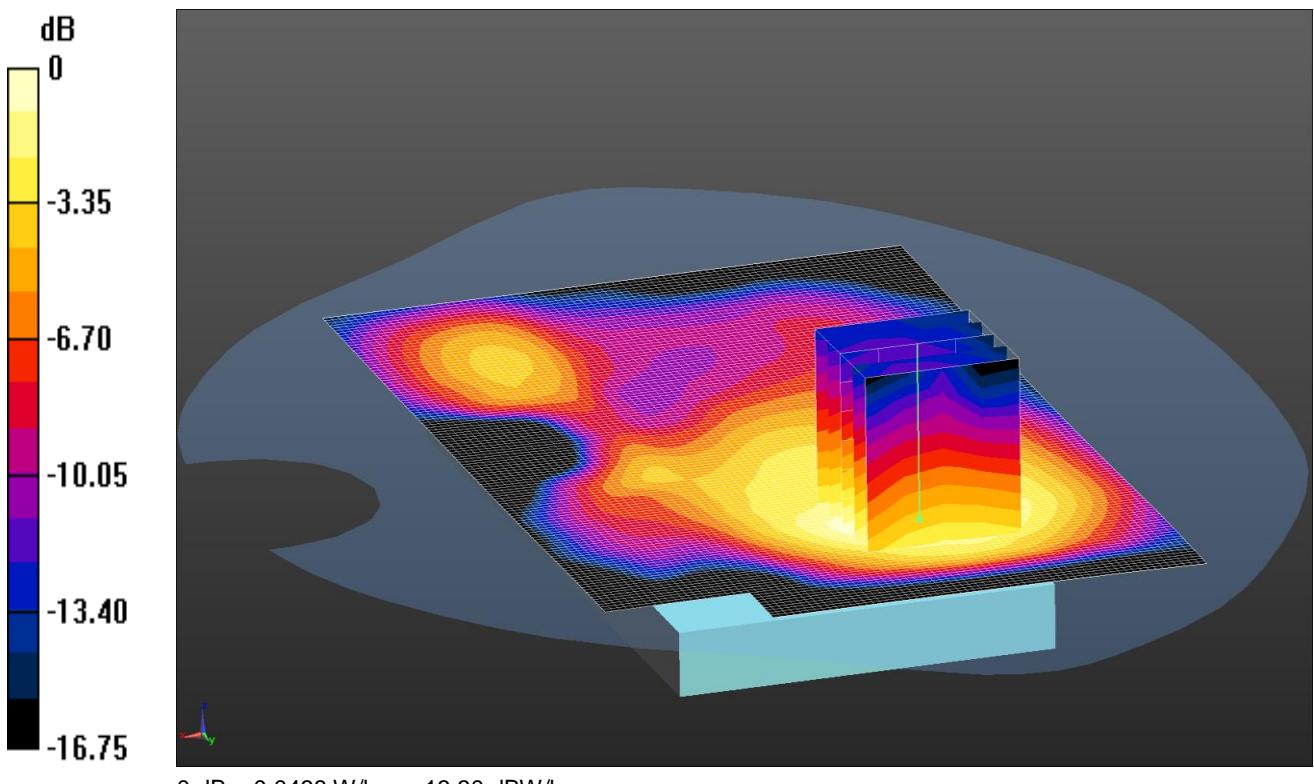
Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.120 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0467 W/kg

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

Reference Value = 7.939 V/m; Power Drift = 0.02 dB

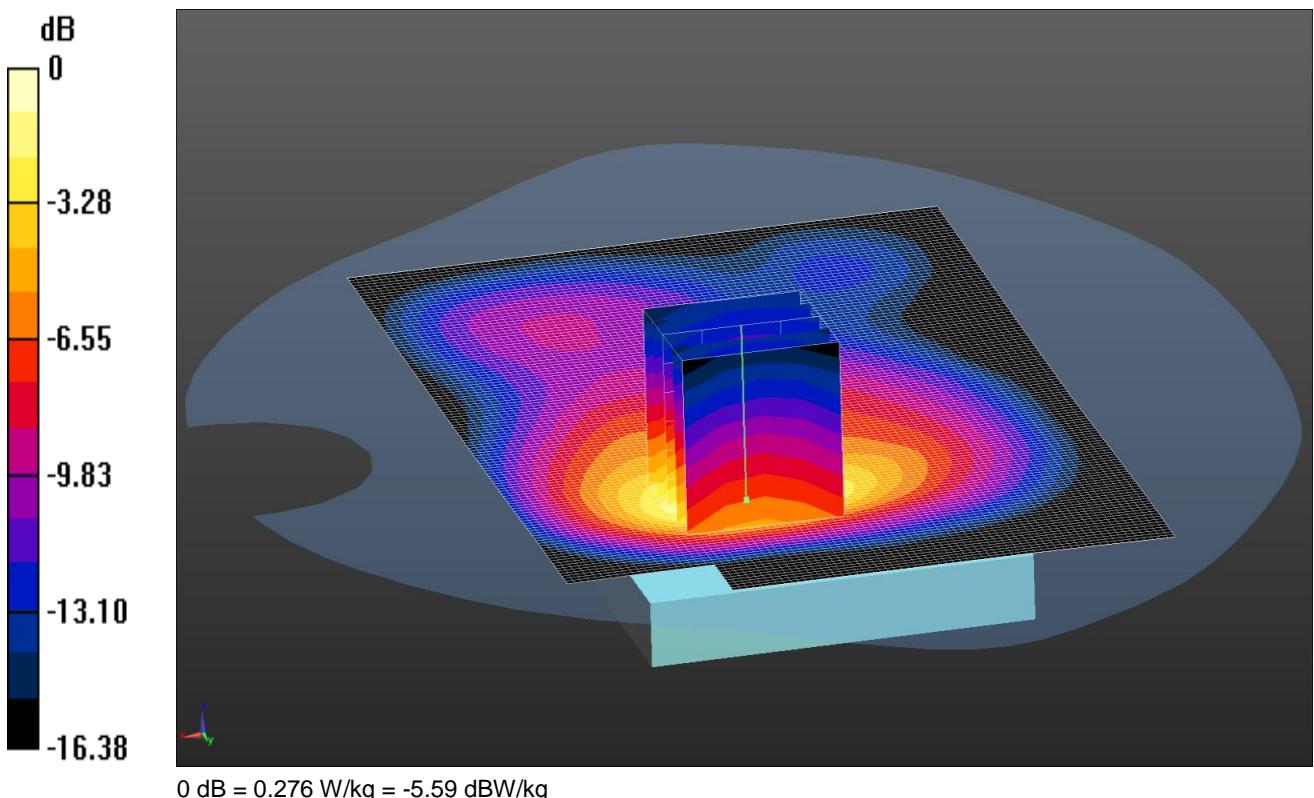
Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0468 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.48 \text{ S/m}$; $\epsilon_r = 52.804$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 7.118 V/m; Power Drift = 0.07 dB

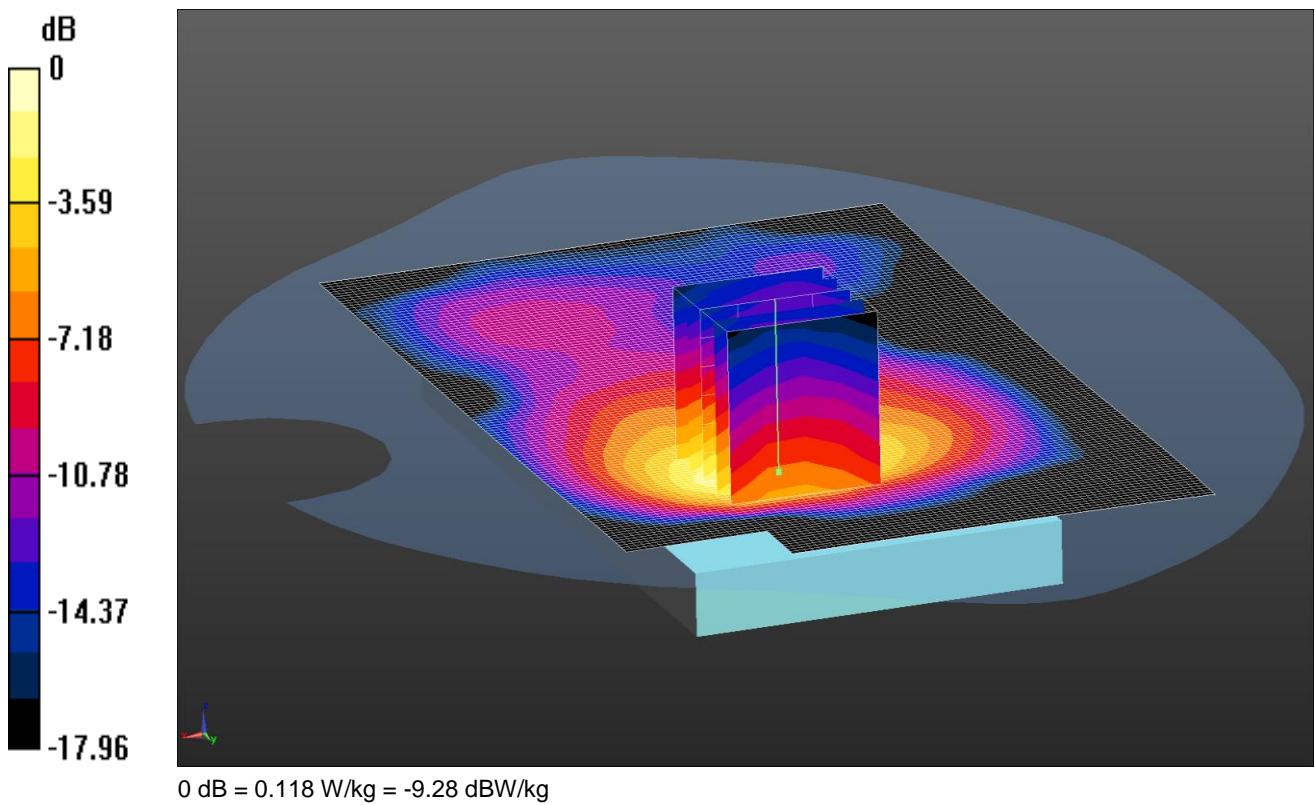
Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.276 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720 \text{ MHz}$; $\sigma = 1.461 \text{ S/m}$; $\epsilon_r = 52.844$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 9.086 V/m; Power Drift = -0.01 dB

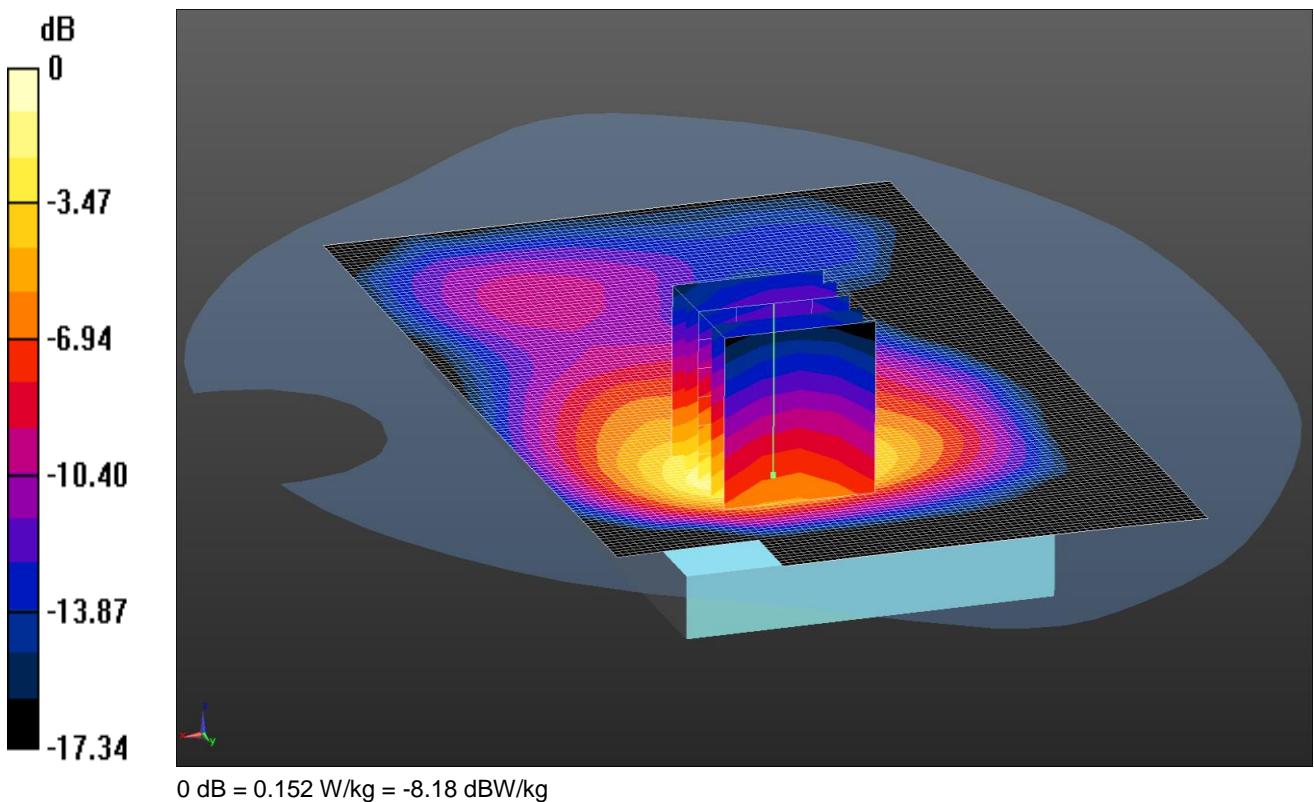
Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.118 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.461$ S/m; $\epsilon_r = 52.844$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

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

Reference Value = 10.46 V/m; Power Drift = 0.04 dB

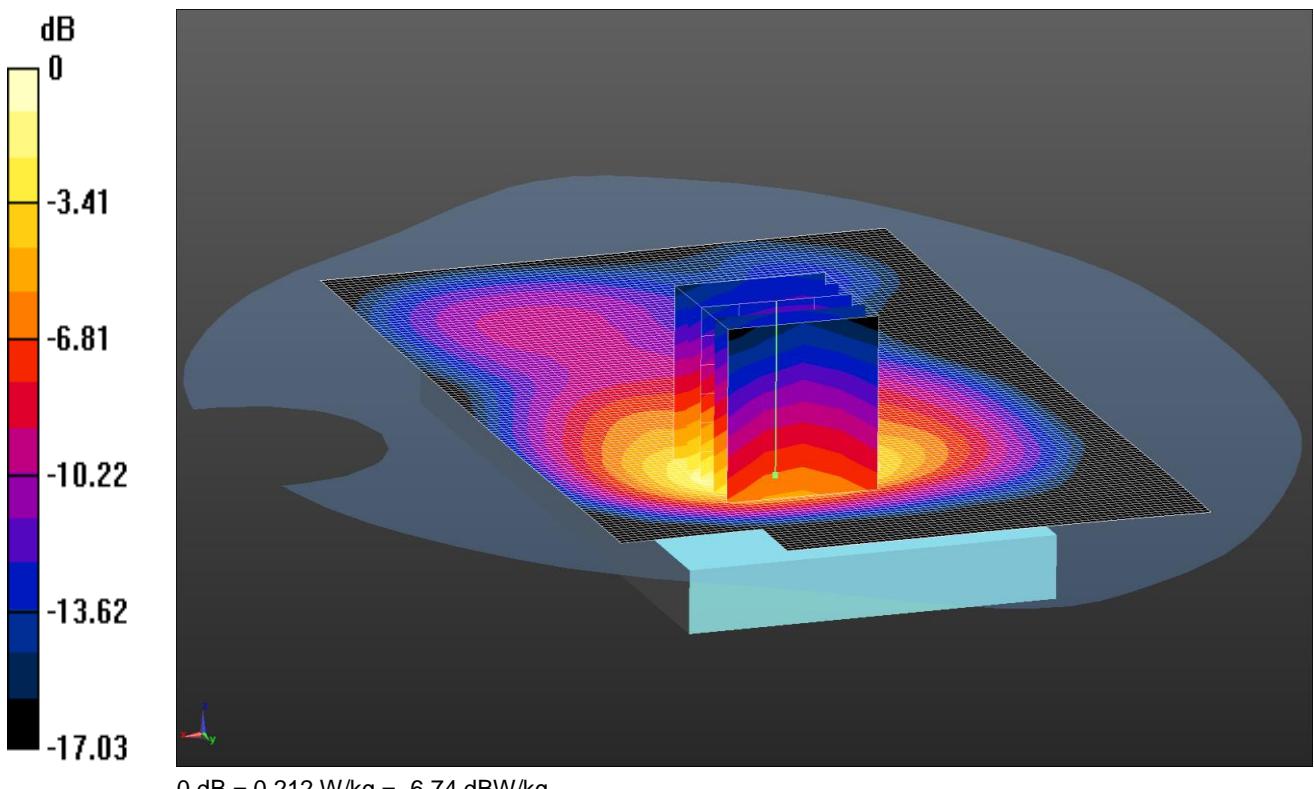
Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.152 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.47$ S/m; $\epsilon_r = 52.824$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

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

Reference Value = 12.26 V/m; Power Drift = 0.01 dB

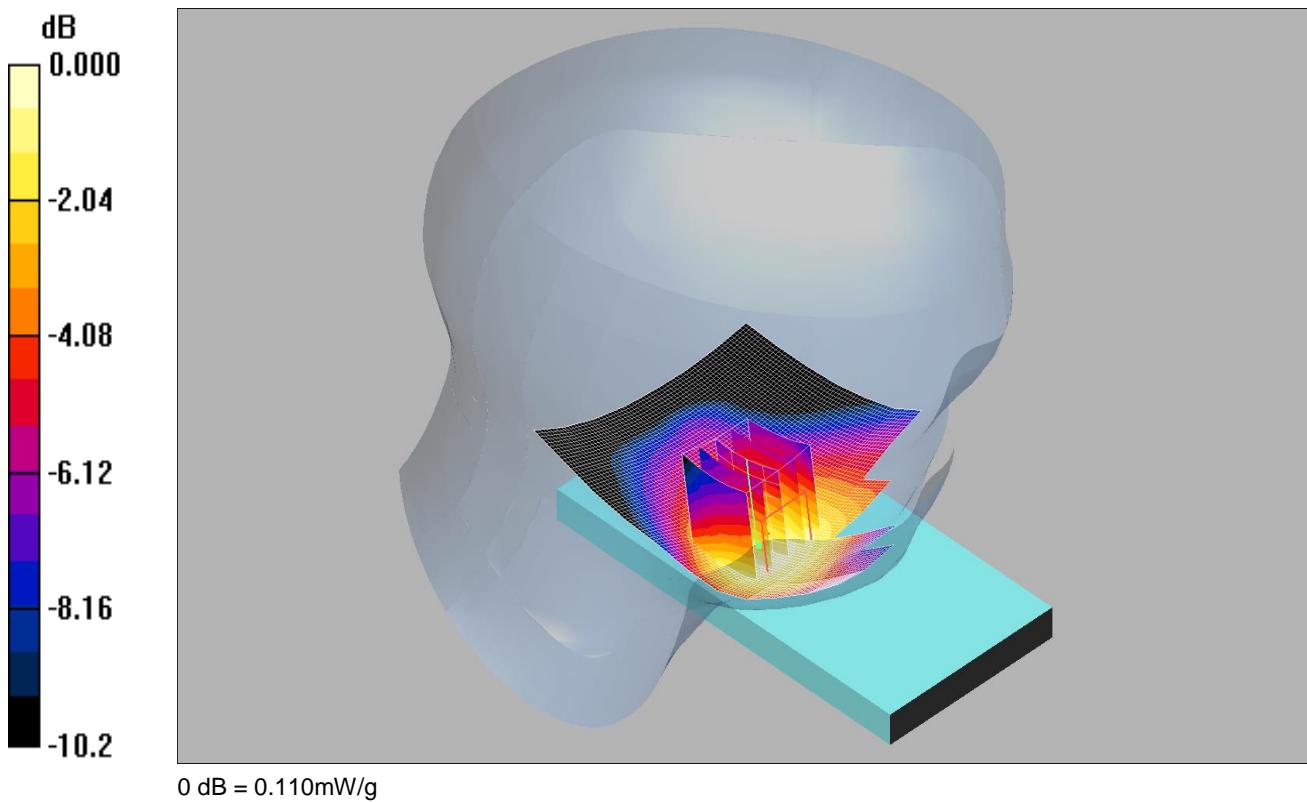
Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.212 W/kg

Date: 19/04/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

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

- 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) = 0.109 mW/g

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

Reference Value = 3.99 V/m; Power Drift = -0.018 dB

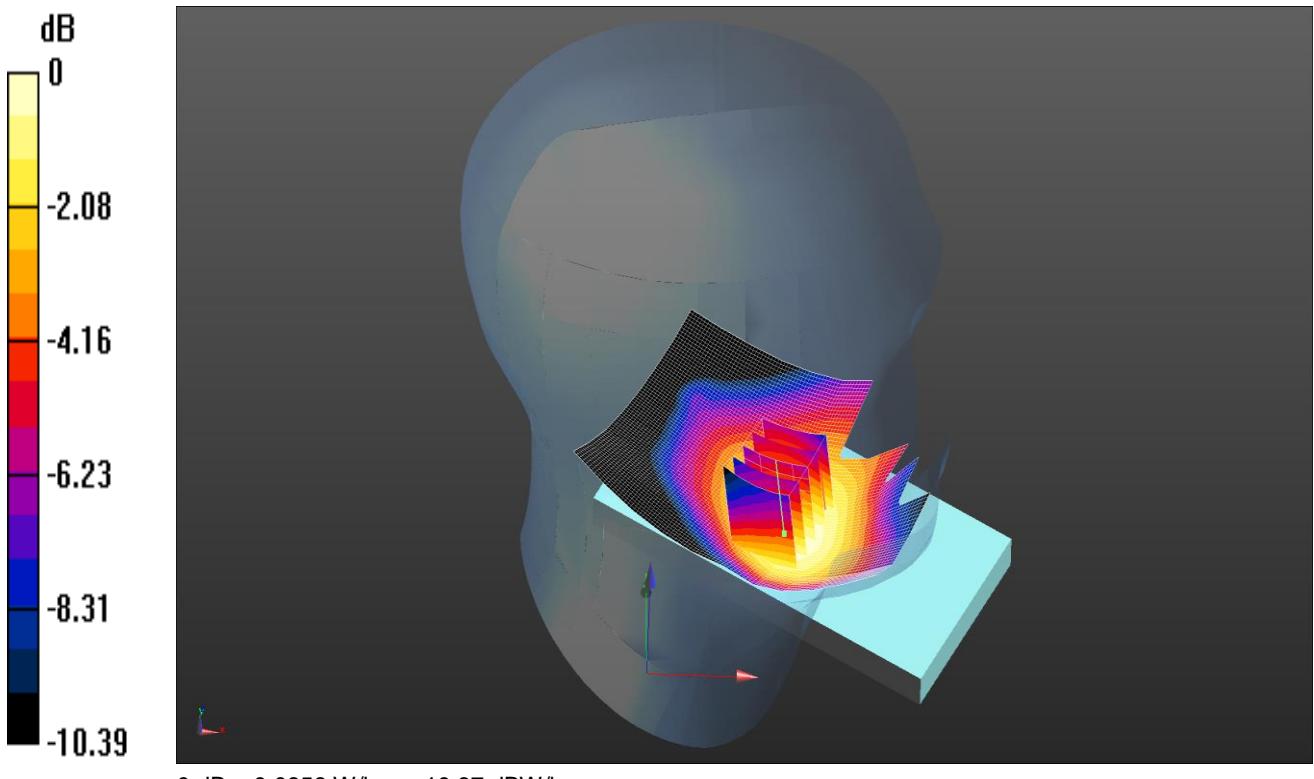
Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.110 mW/g

Date: 20/4/2016

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



Communication System: UID 0, LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.534$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0879 W/kg

Configuration/Touch Left 50%RB Low - Head - PBx/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.312 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0970 W/kg

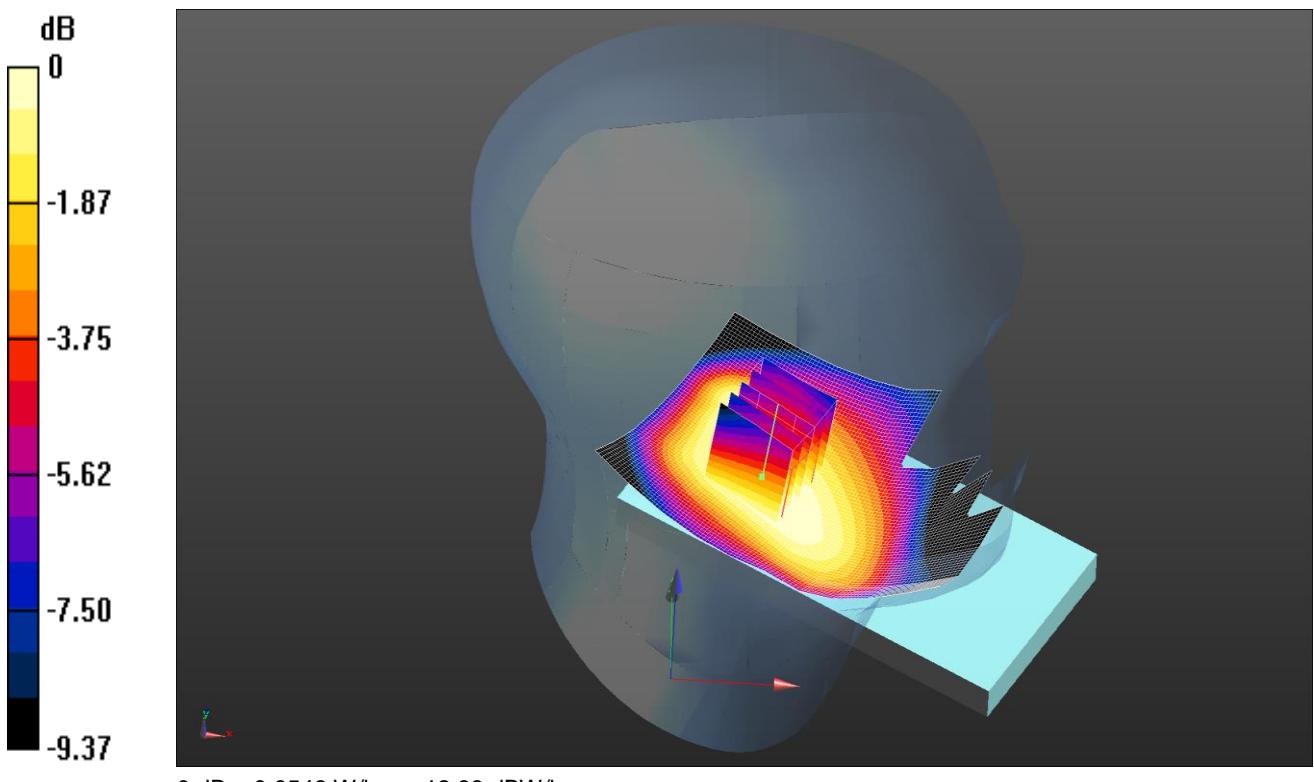
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0858 W/kg

SAR/133: Tilt Left LTE Band 5 10MHz 1RB Mid CH20450

Date: 20/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.574$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left 1RB Middle - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0575 W/kg

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

Reference Value = 6.510 V/m; Power Drift = 0.10 dB

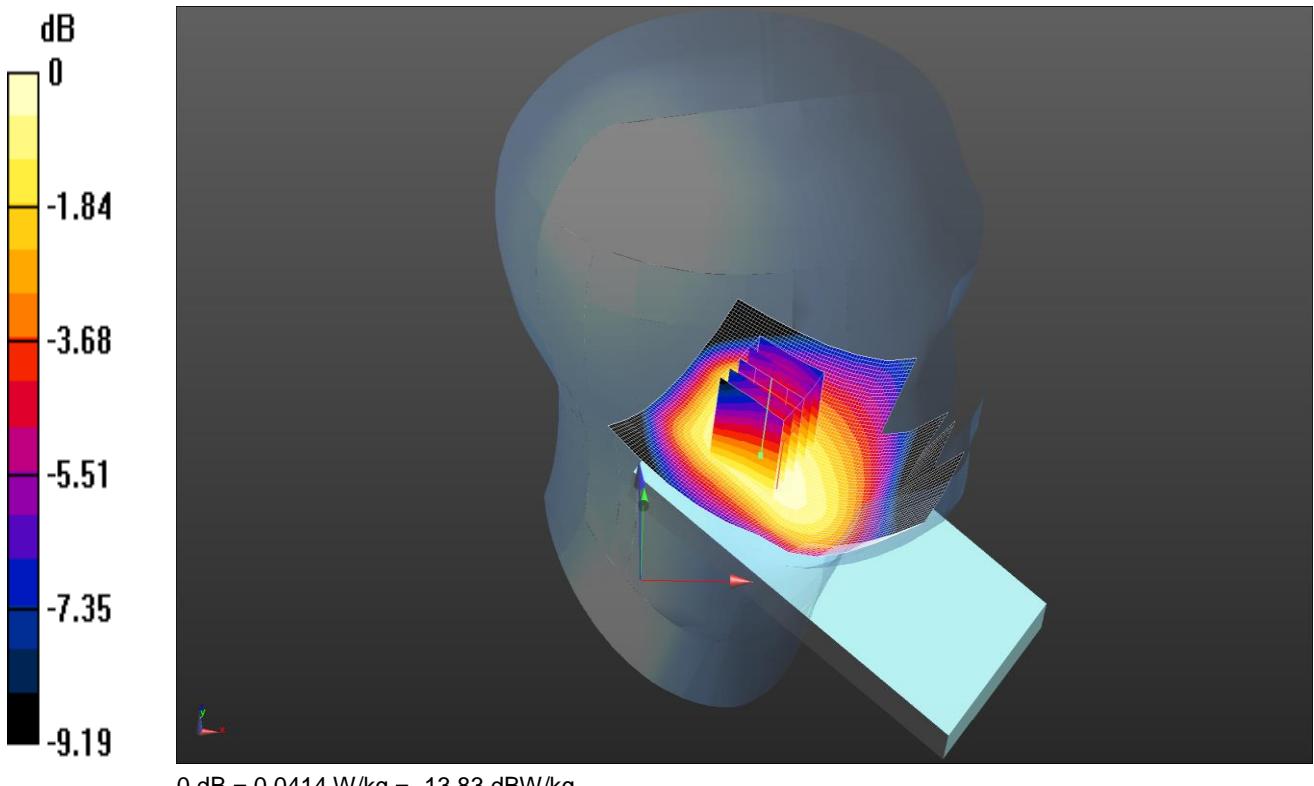
Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0546 W/kg

Date: 20/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.534$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0412 W/kg

Configuration/Tilt Left 50%RB Low - Head - PBx/Zoom Scan (5x5x7) 2 2 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.477 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0470 W/kg

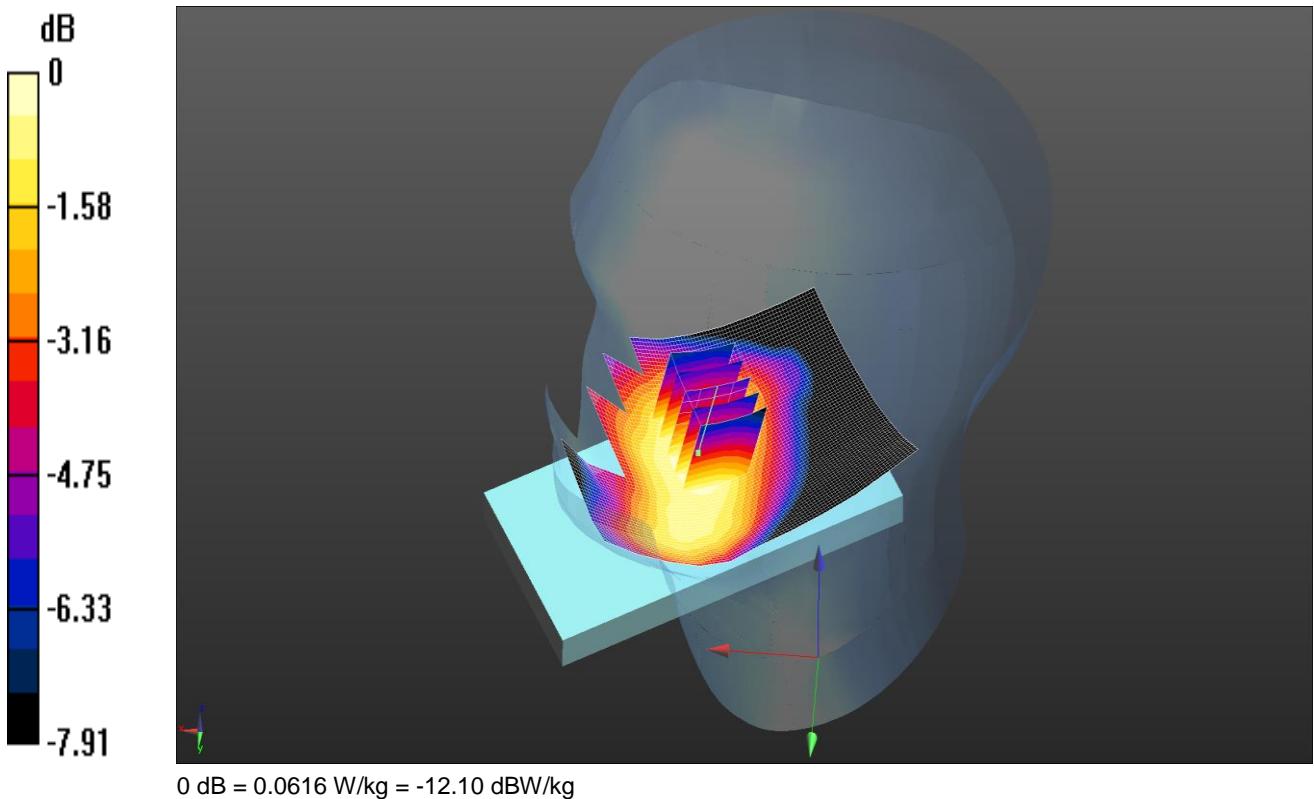
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0414 W/kg

SAR/135: Touch Right LTE Band 5 10MHz 1RB Mid CH20450

Date: 20/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right 1RB Mid - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0628 W/kg

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

Reference Value = 2.164 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0710 W/kg

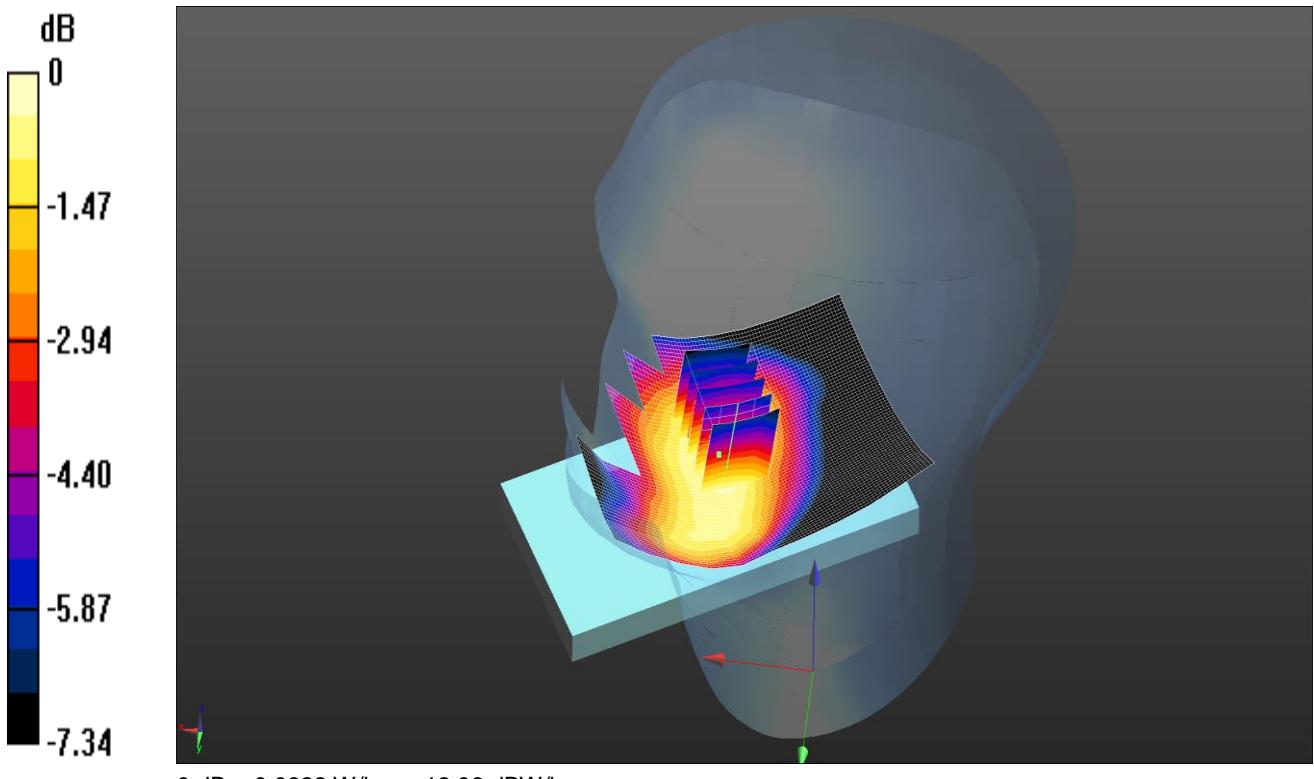
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0616 W/kg

SAR/136: Touch Right LTE Band 5 10MHz 50%RB Low CH20525

Date: 21/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.534$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0622 W/kg

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

Reference Value = 2.232 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0710 W/kg

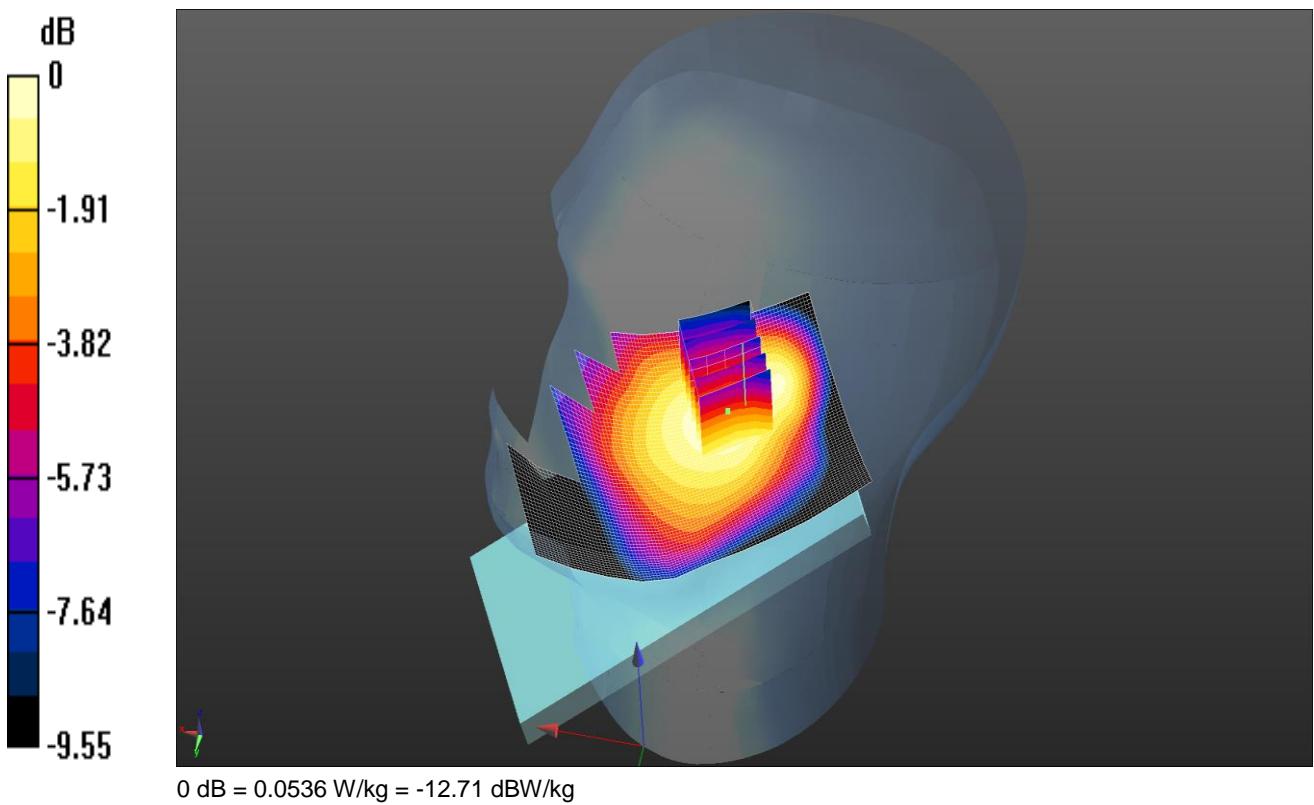
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0622 W/kg

SAR/137: Tilt Right LTE Band 5 10MHz 1RB Mid CH20450

Date: 21/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 40.574$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Right 1RB Middle - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0551 W/kg

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

Reference Value = 4.543 V/m; Power Drift = 0.17 dB

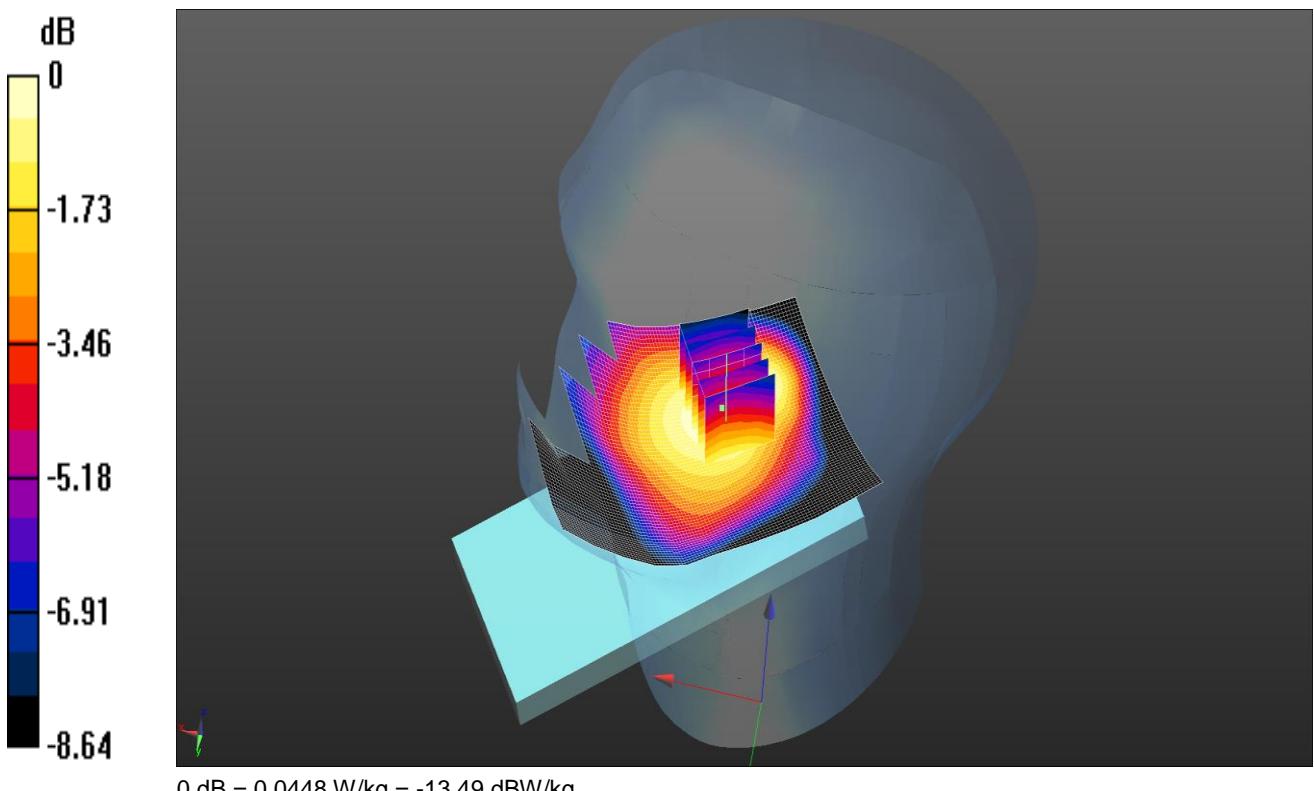
Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0536 W/kg

Date: 20/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.534$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (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 - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0457 W/kg

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

Reference Value = 4.196 V/m; Power Drift = 0.20 dB

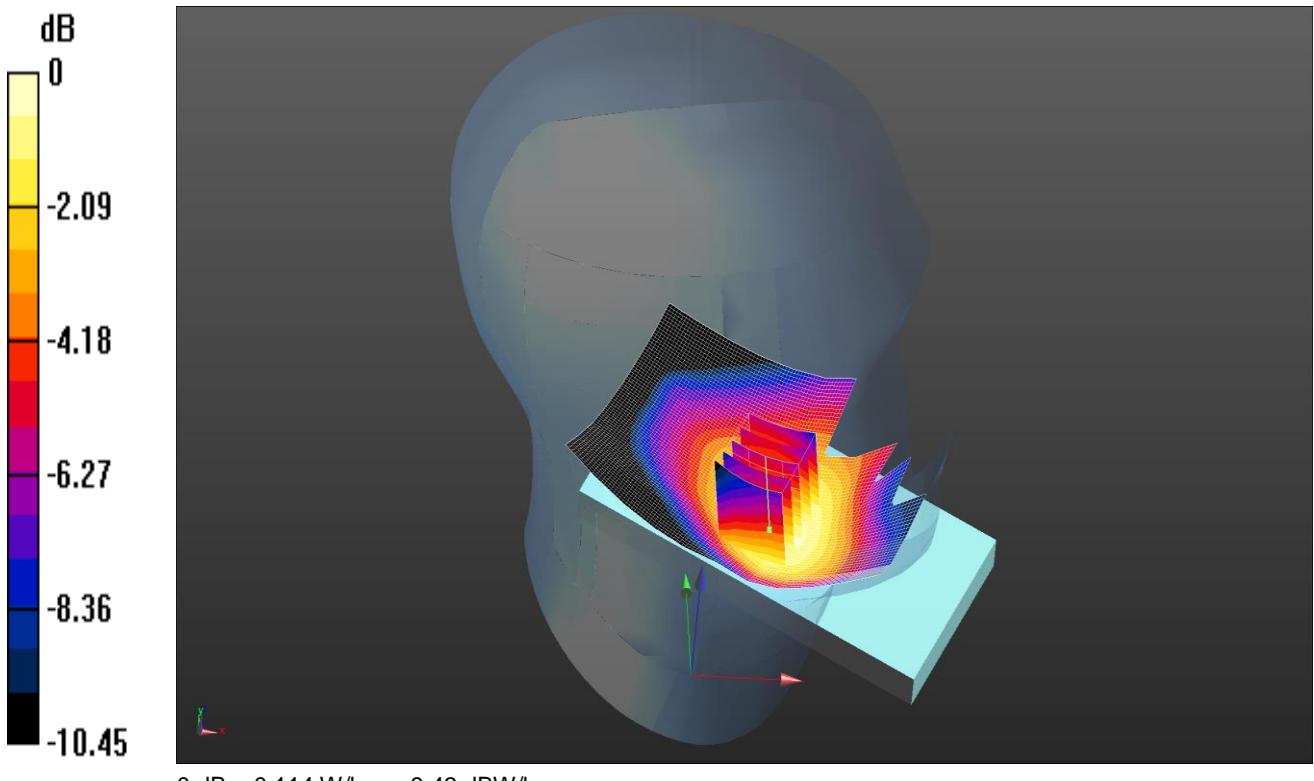
Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0448 W/kg

Date: 20/4/2016

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



Communication System: UID 0, LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.534$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left 1RB Middle - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 4.210 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.131 W/kg

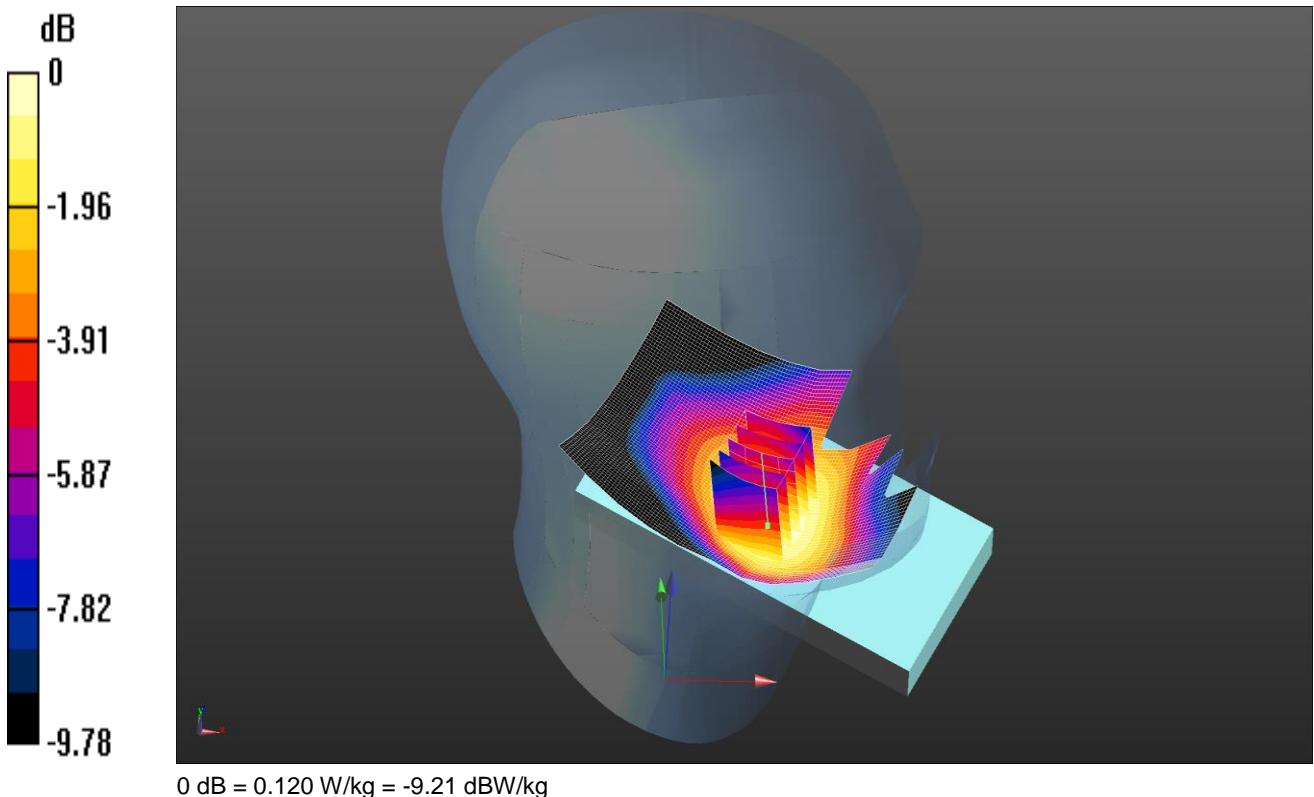
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.114 W/kg

SAR/140: Touch Left LTE Band 5 10MHz 1RB Mid CH20600

Date: 20/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 40.494$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(6.42, 6.42, 6.42); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left 1RB Middle - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.121 W/kg

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

Reference Value = 4.321 V/m; Power Drift = 0.12 dB

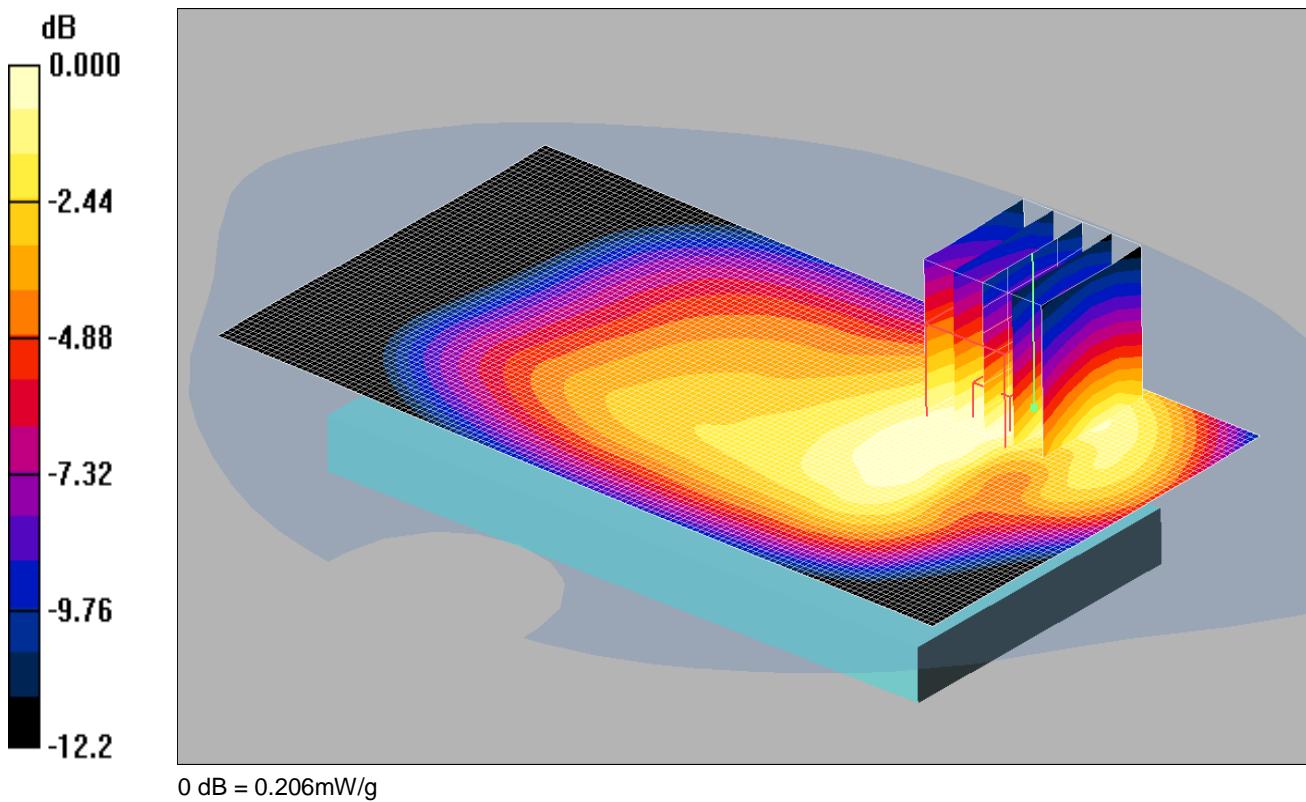
Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.120 W/kg

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

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

- Electronics: DAE3 Sn394; Calibrated: 26/05/2015

- 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 Middle - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

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

Reference Value = 10.9 V/m; Power Drift = 0.035 dB

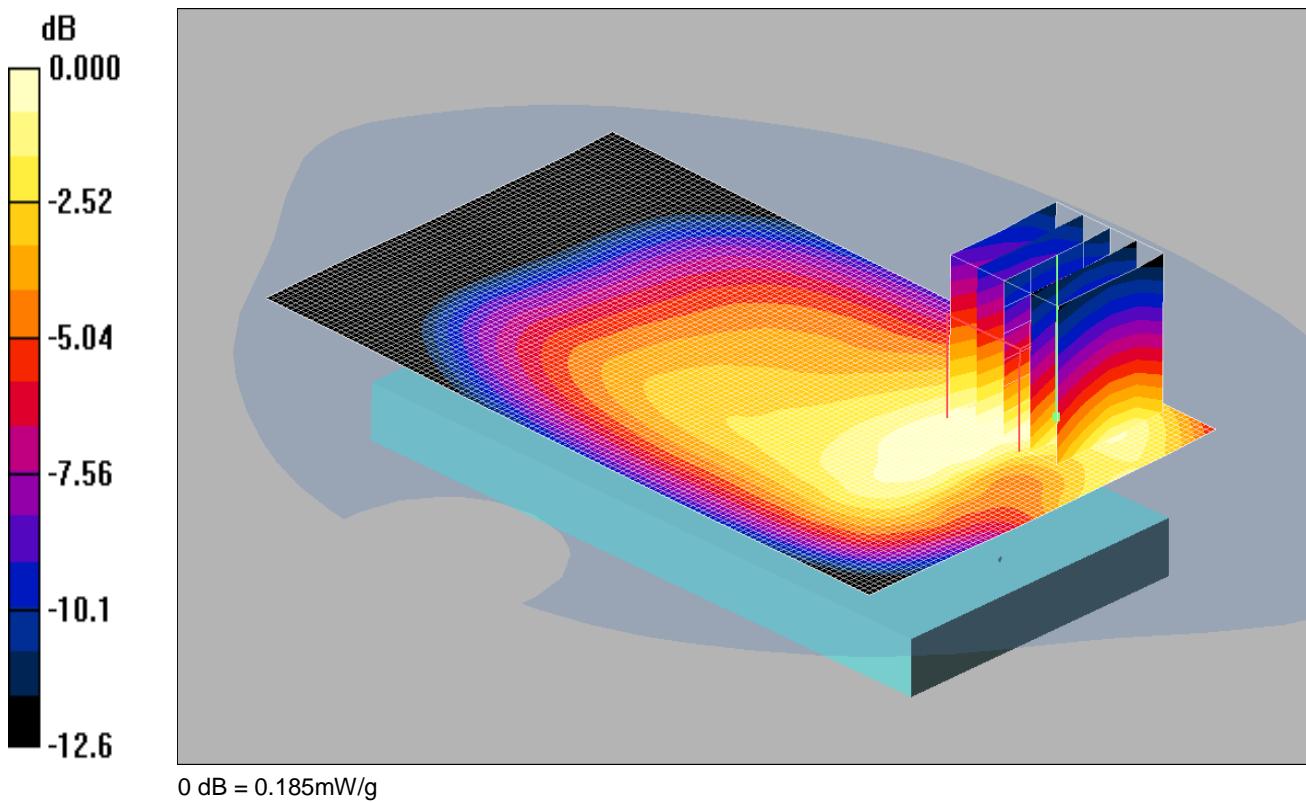
Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.206 mW/g

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

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

- Electronics: DAE3 Sn394; Calibrated: 26/05/2015

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

Maximum value of SAR (interpolated) = 0.191 mW/g

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

Reference Value = 10.3 V/m; Power Drift = -0.008 dB

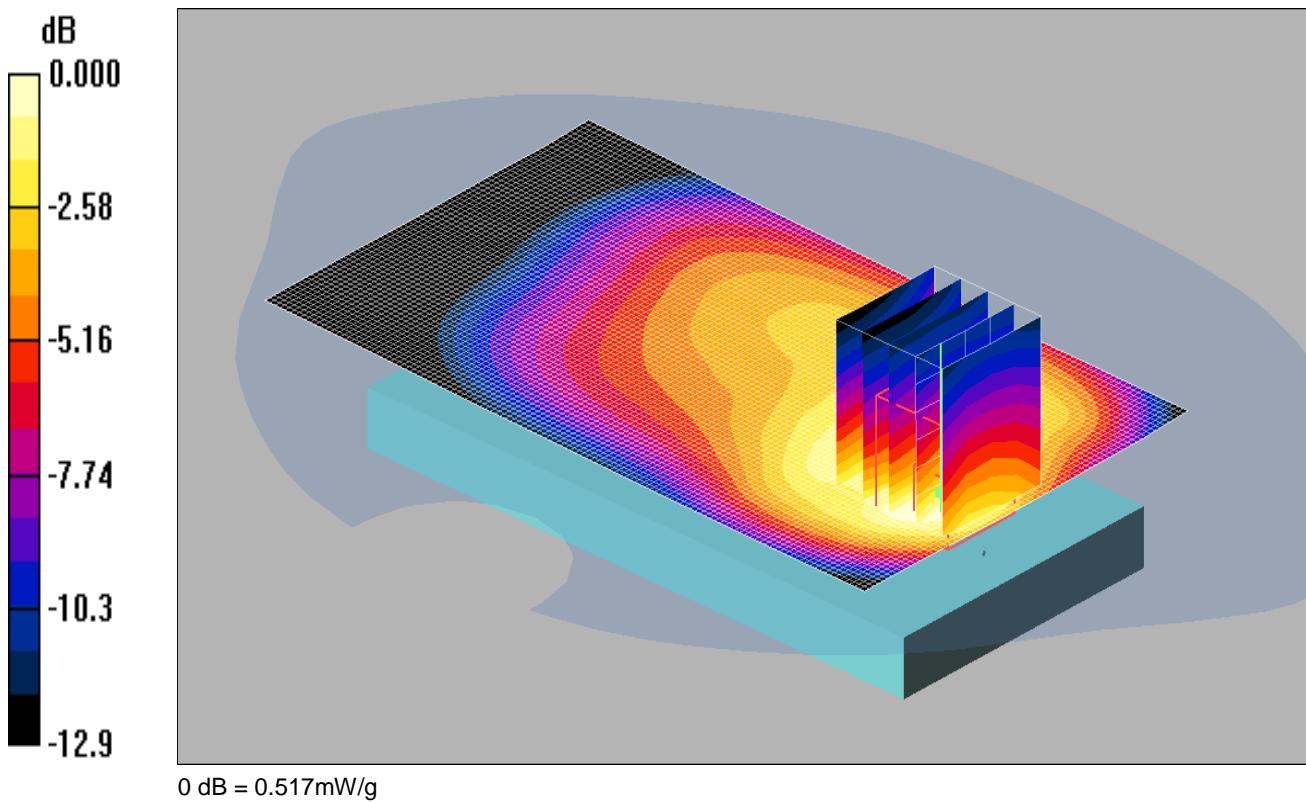
Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.185 mW/g

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/05/2015
- 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 Middle - Hotspot - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.510 mW/g

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

Reference Value = 15.9 V/m; Power Drift = -0.049 dB

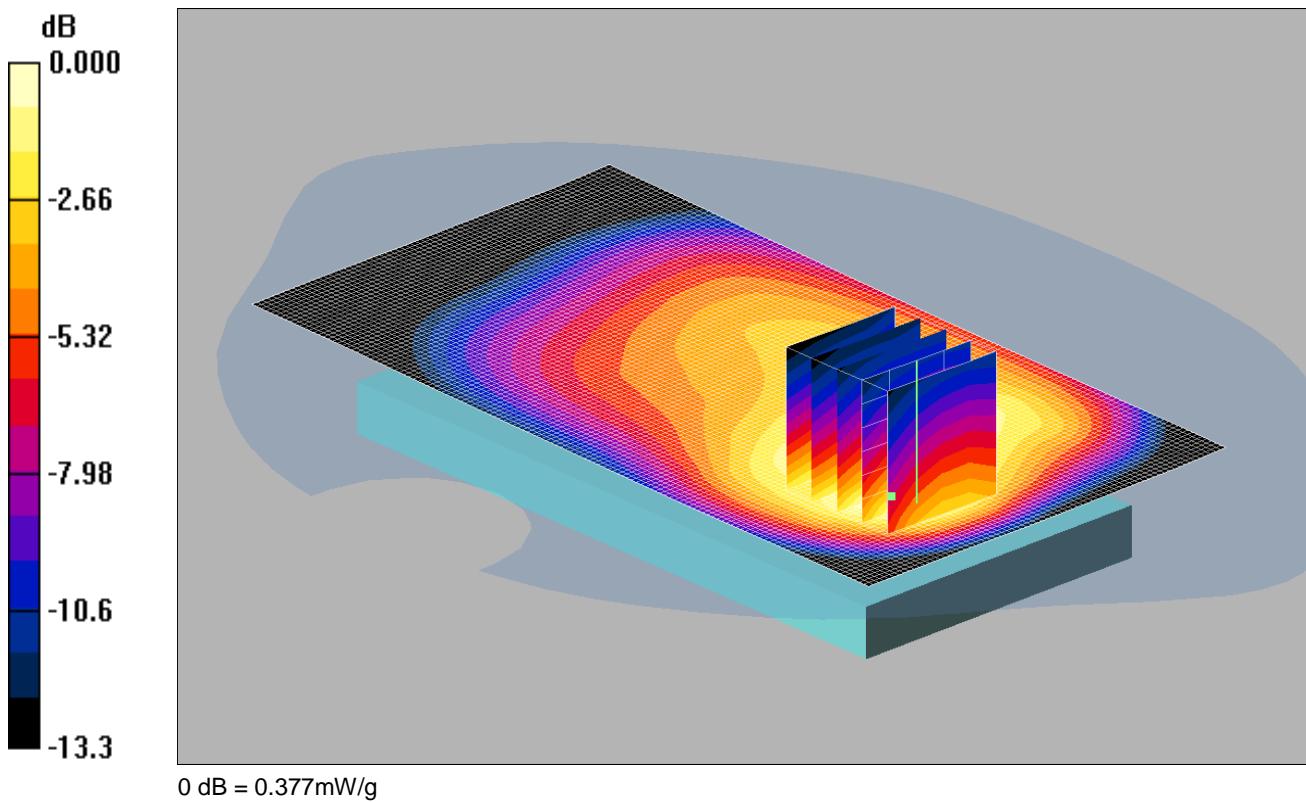
Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.517 mW/g

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

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

- Electronics: DAE3 Sn394; Calibrated: 26/05/2015

- 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/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.392 mW/g

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

Reference Value = 13.7 V/m; Power Drift = 0.009 dB

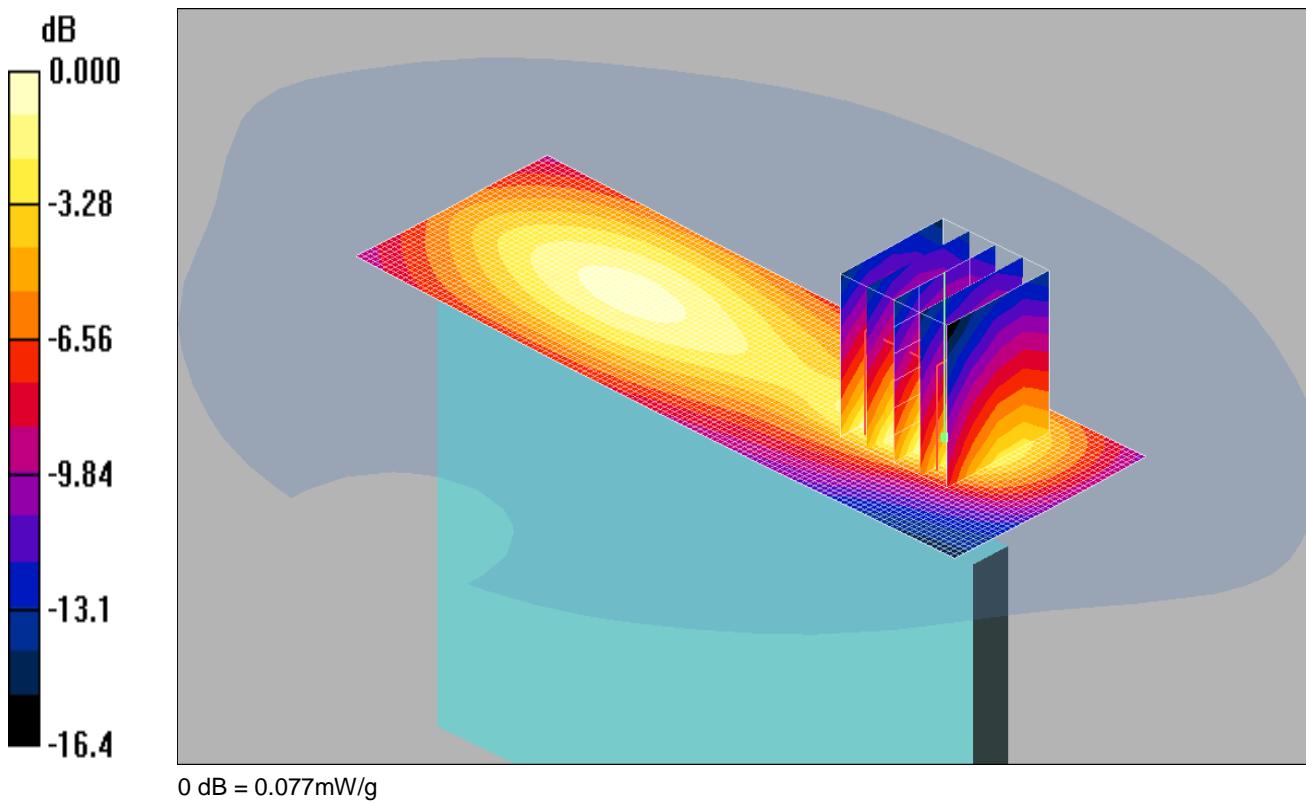
Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.377 mW/g

Date/: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

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

- Electronics: DAE3 Sn394; Calibrated: 26/05/2015

- 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 Low- Hotspot - PBx/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.83 V/m; Power Drift = -0.007 dB

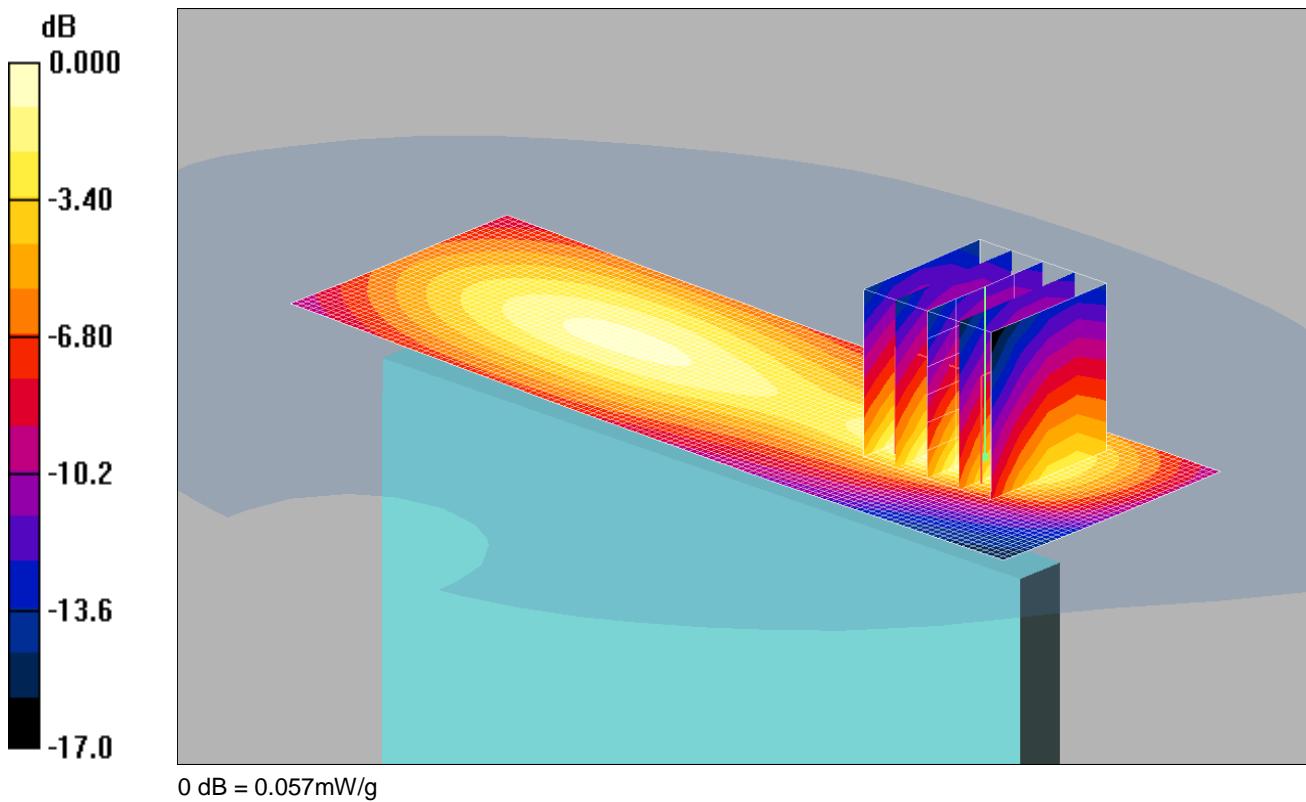
Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.077 mW/g

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

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

- Electronics: DAE3 Sn394; Calibrated: 26/05/2015

- 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 2/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.73 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.057 mW/g