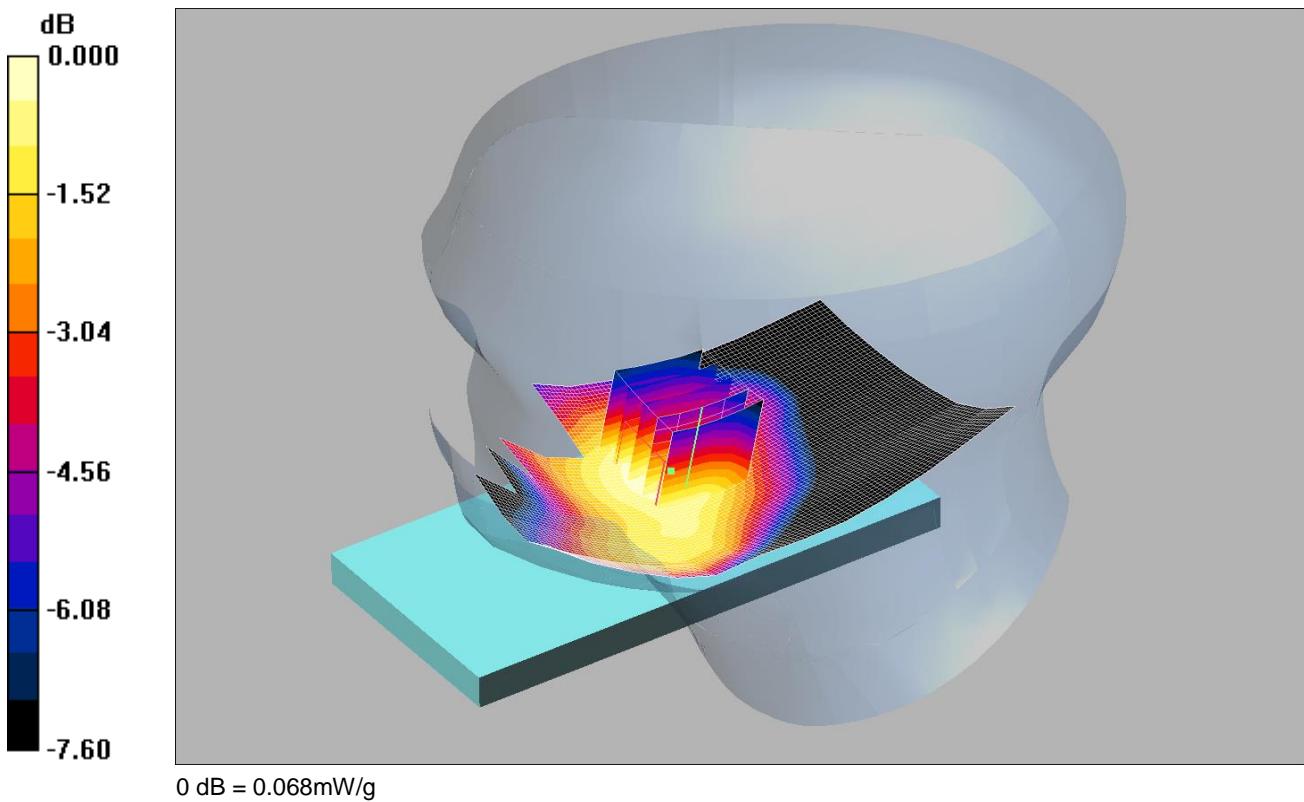


Date: 06/05/2016

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/m³
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 50%RB Low - Head - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.068 mW/g

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

Reference Value = 8.79 V/m; Power Drift = 0.032 dB

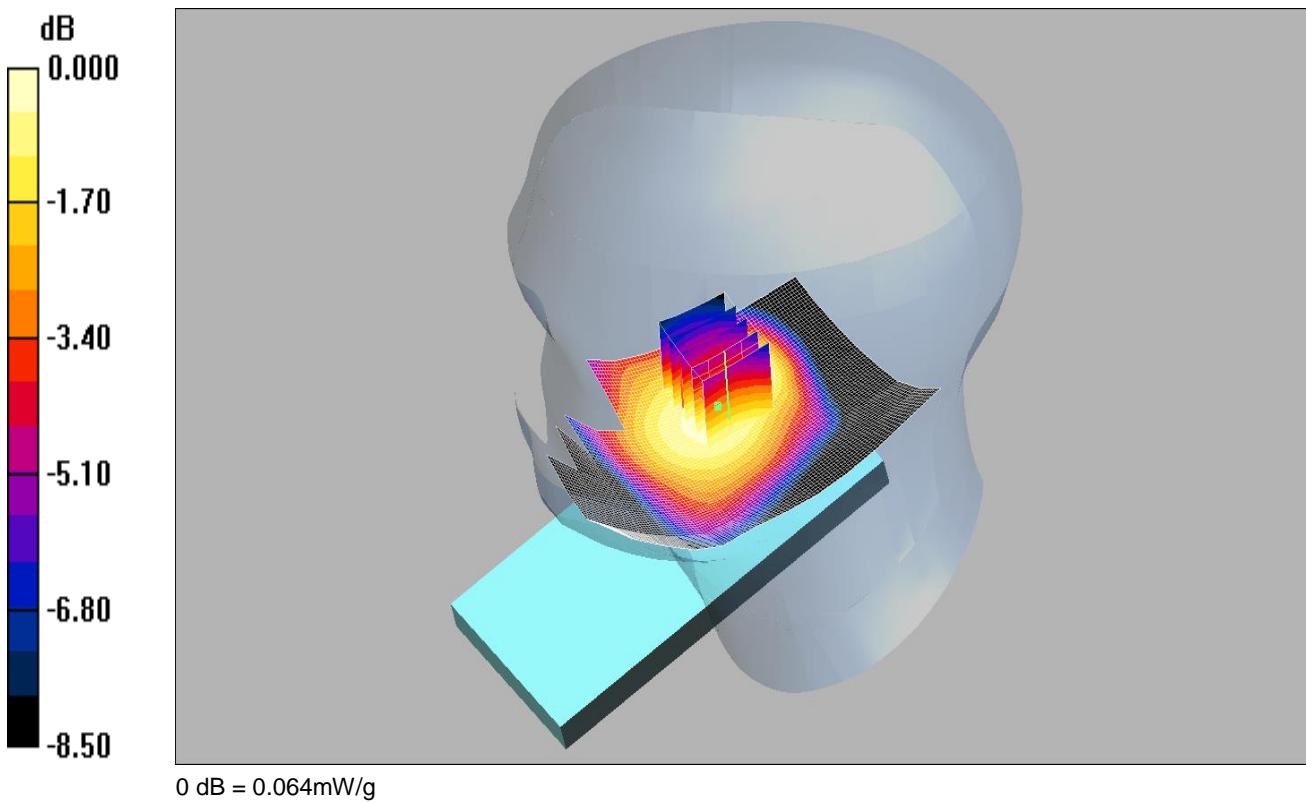
Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.068 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/m³
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

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

Maximum value of SAR (interpolated) = 0.065 mW/g

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

Reference Value = 7.63 V/m; Power Drift = -0.102 dB

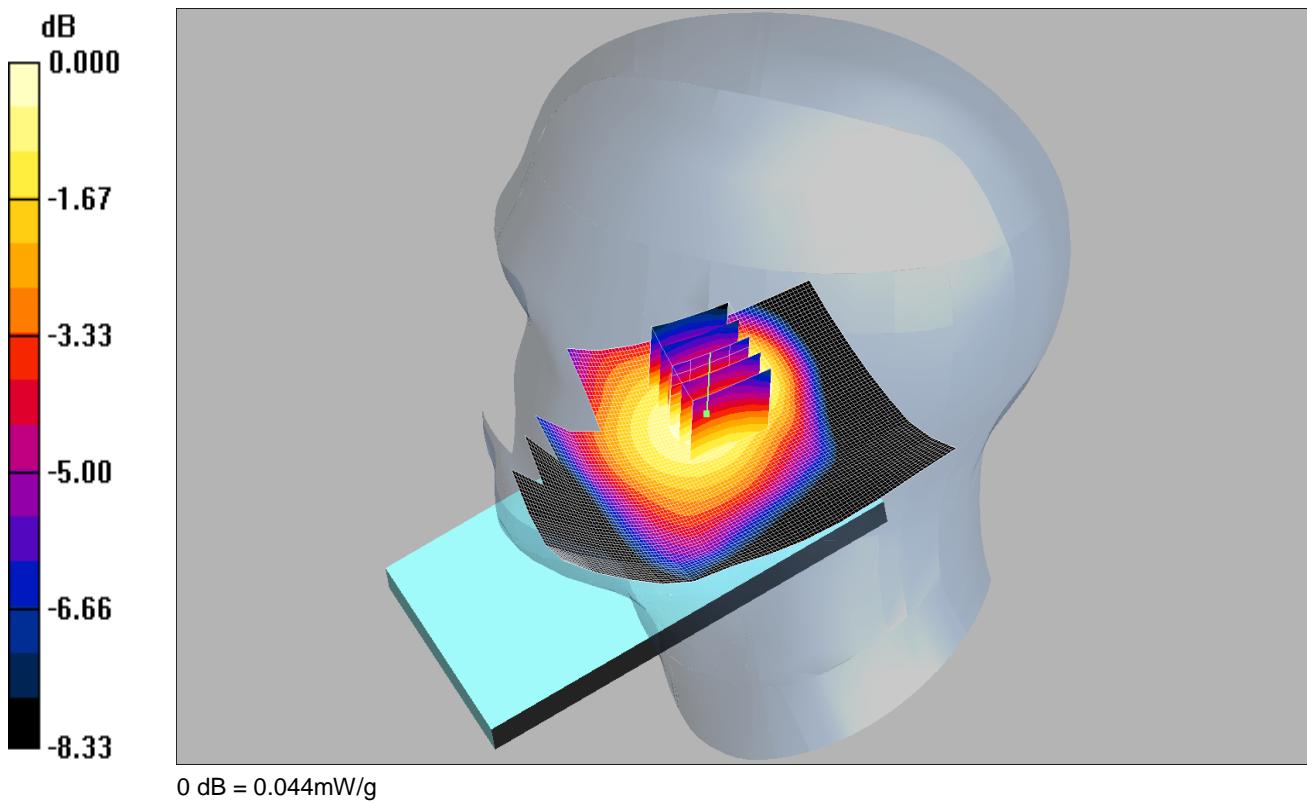
Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.064 mW/g

Date: 06/05/2016

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/m³
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

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

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

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

Reference Value = 6.27 V/m; Power Drift = -0.076 dB

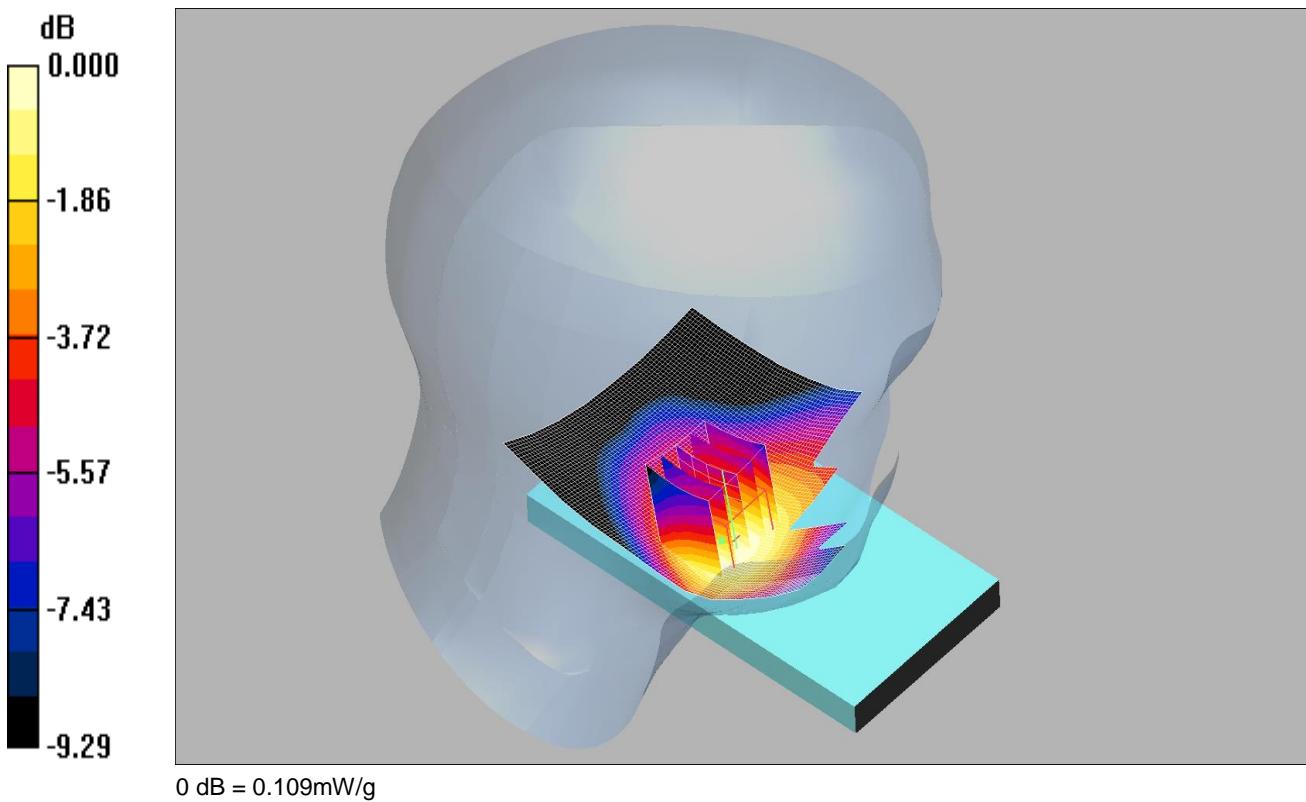
Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.032 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: 821.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³
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) = 0.111 mW/g

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

Reference Value = 10.9 V/m; Power Drift = 0.165 dB

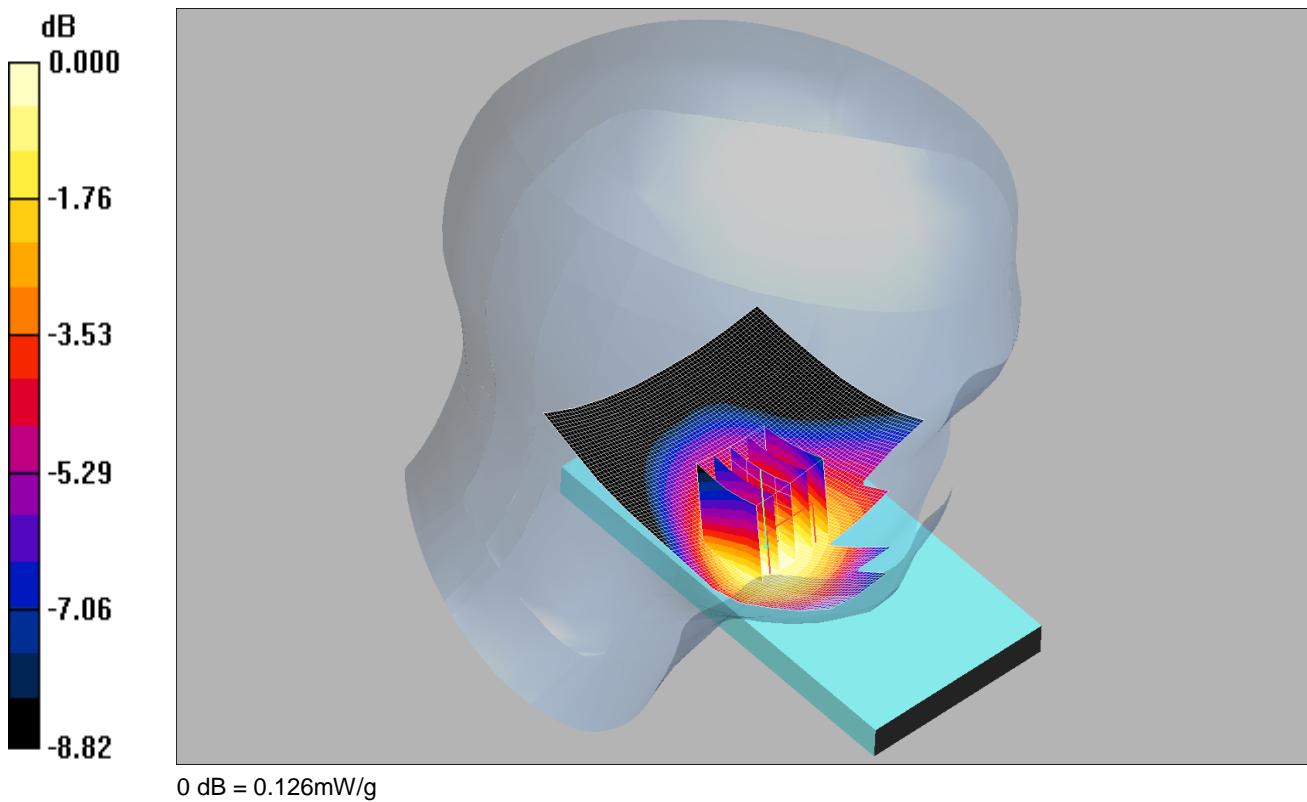
Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.109 mW/g

Date: 06/05/2016

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/m³
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) = 0.125 mW/g

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

Reference Value = 12.4 V/m; Power Drift = 0.122 dB

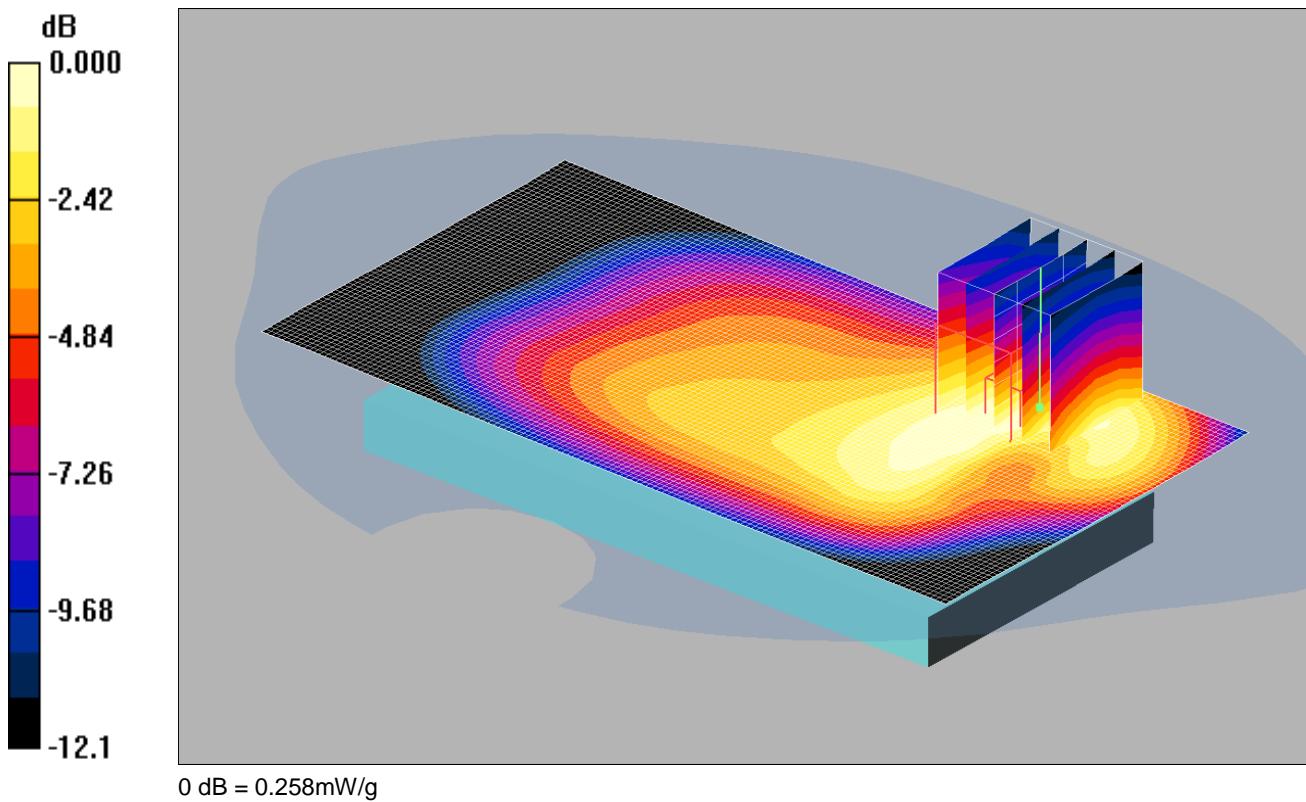
Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.126 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.98$ 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 1RB Low - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.2 V/m; Power Drift = 0.012 dB

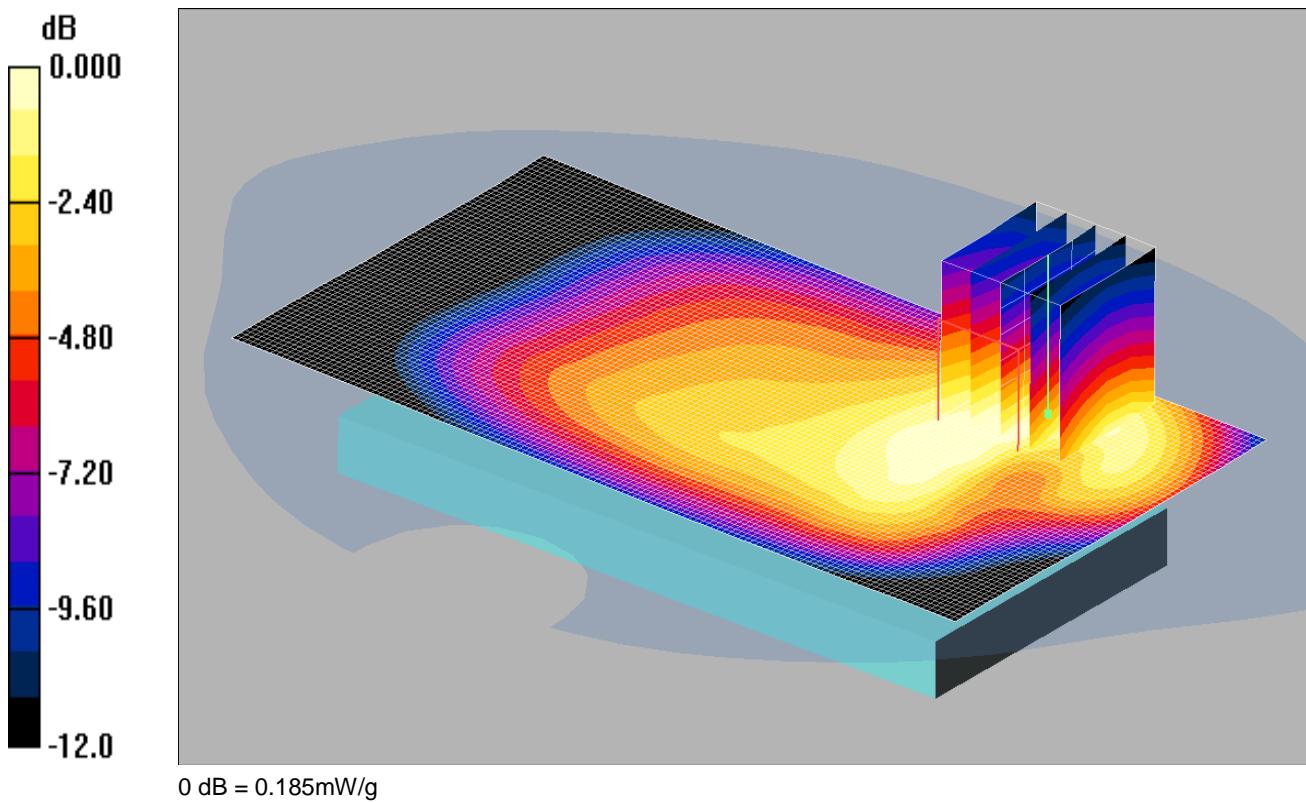
Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.975$ 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 (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.187 mW/g

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

Reference Value = 10.4 V/m; Power Drift = 0.005 dB

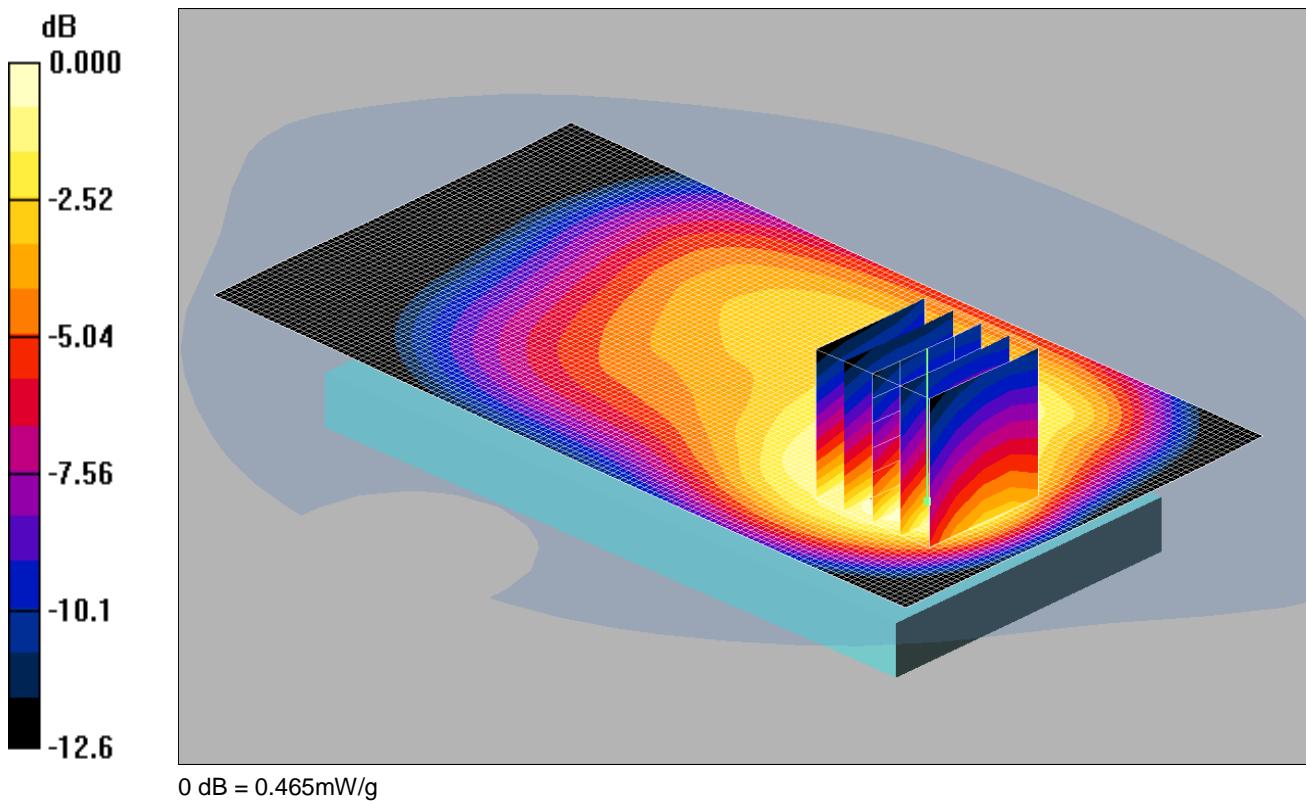
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.102 mW/g

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

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.98$ 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 Low - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.525 mW/g

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

Reference Value = 15.8 V/m; Power Drift = -0.044 dB

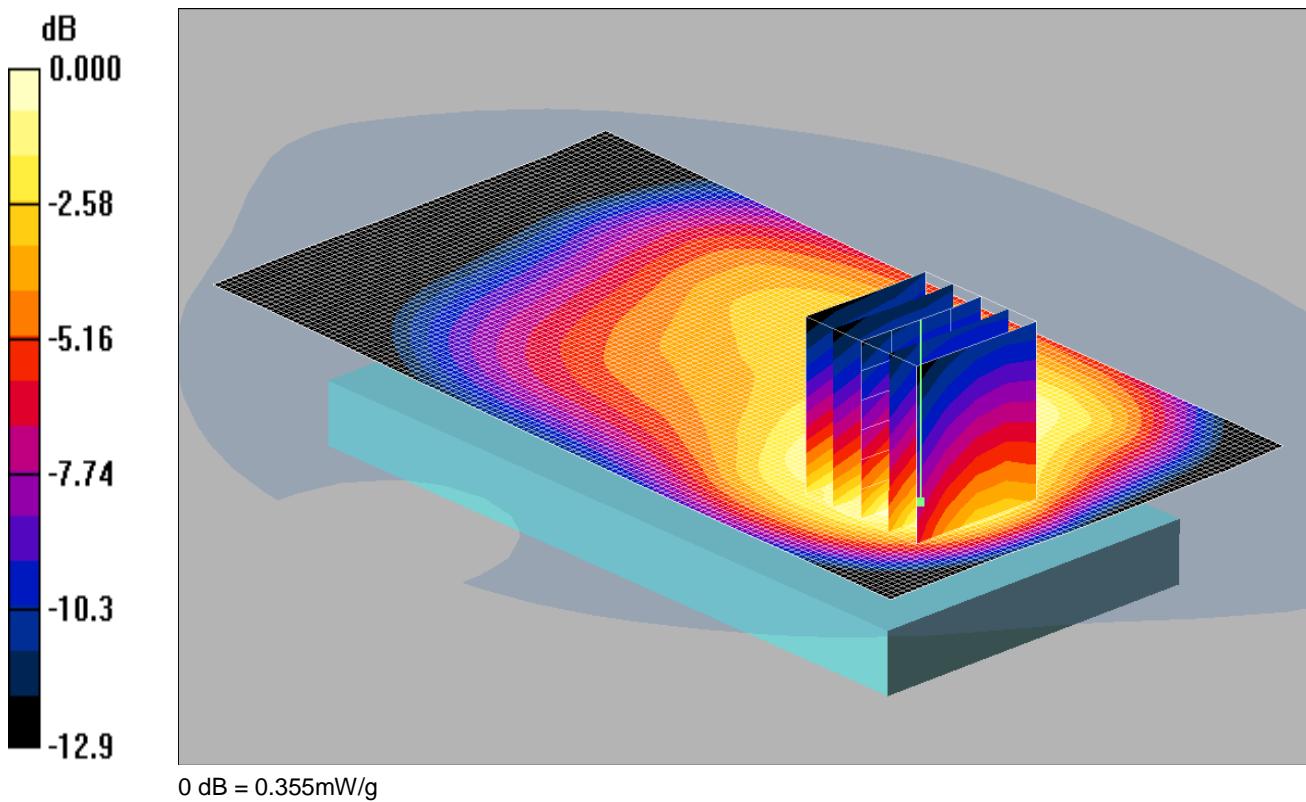
Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.465 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.975$ 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) = 0.383 mW/g

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

Reference Value = 13.8 V/m; Power Drift = 0.068 dB

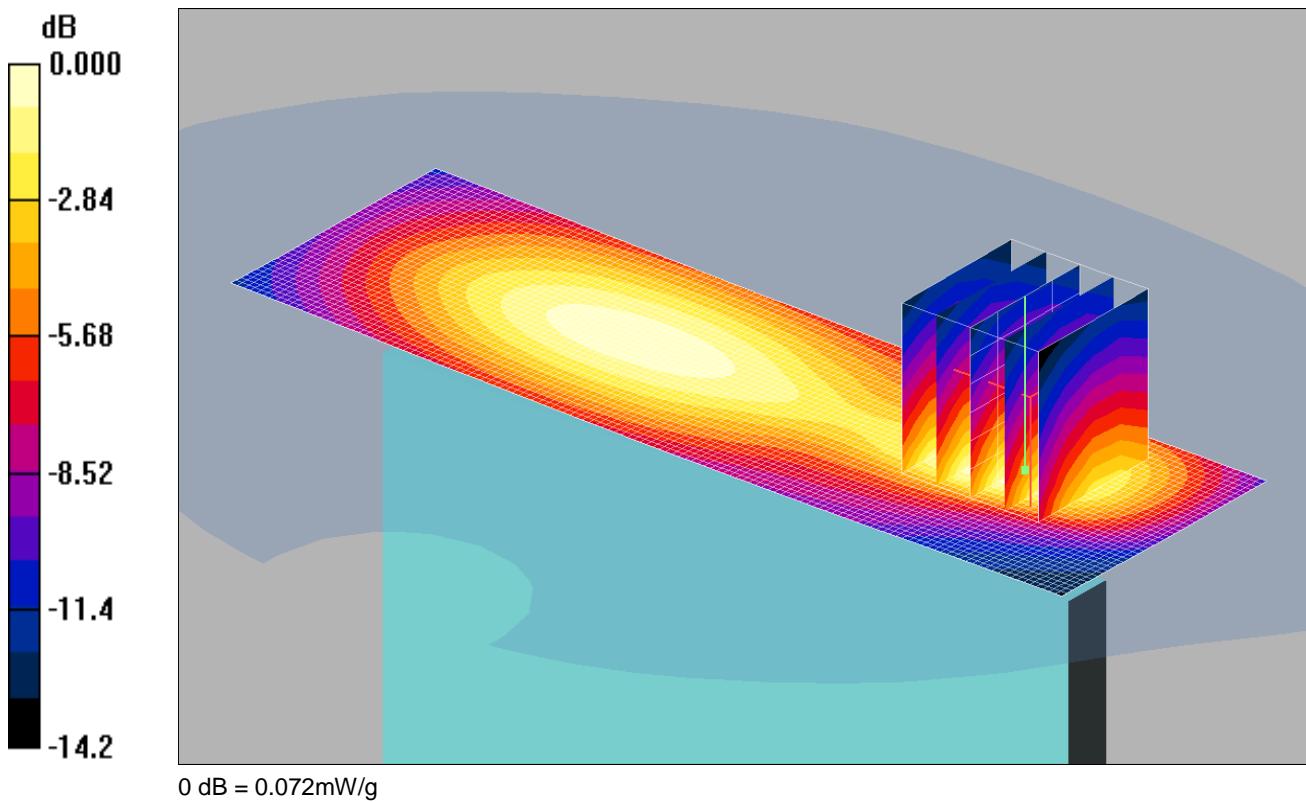
Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.355 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.98$ 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 (41x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.076 mW/g

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

Reference Value = 8.05 V/m; Power Drift = -0.044 dB

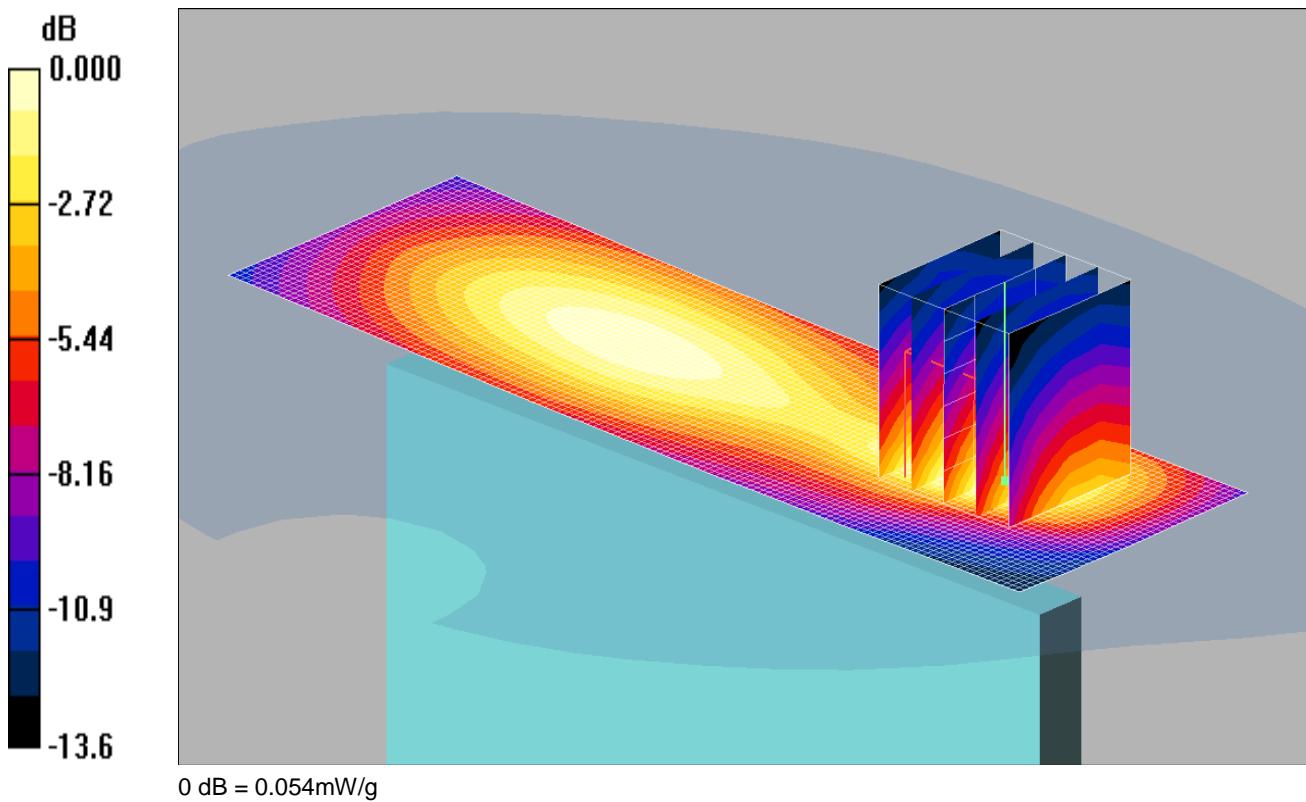
Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.975$ 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 2/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.99 V/m; Power Drift = -0.059 dB

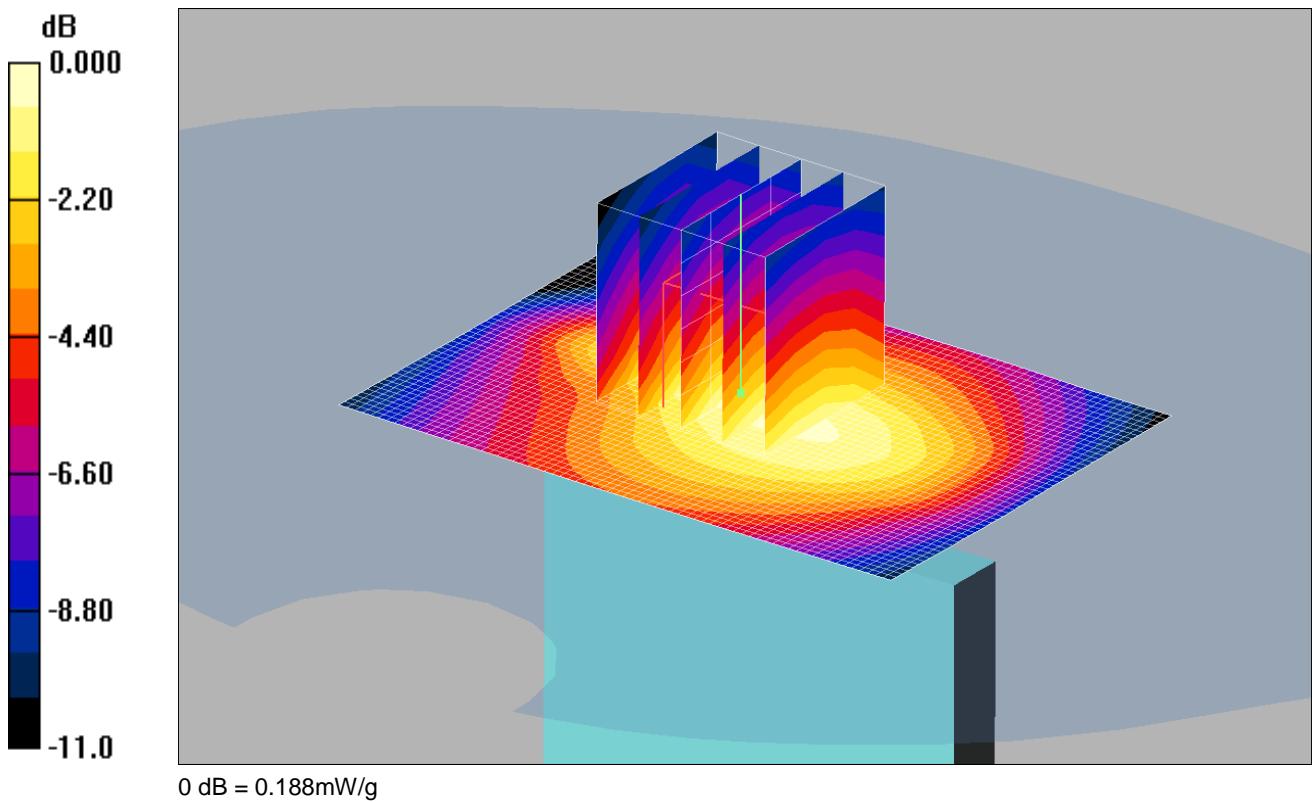
Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.054 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.98$ 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

Bottom 1RB Low - Hotspot - PBx/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.5 V/m; Power Drift = 0.003 dB

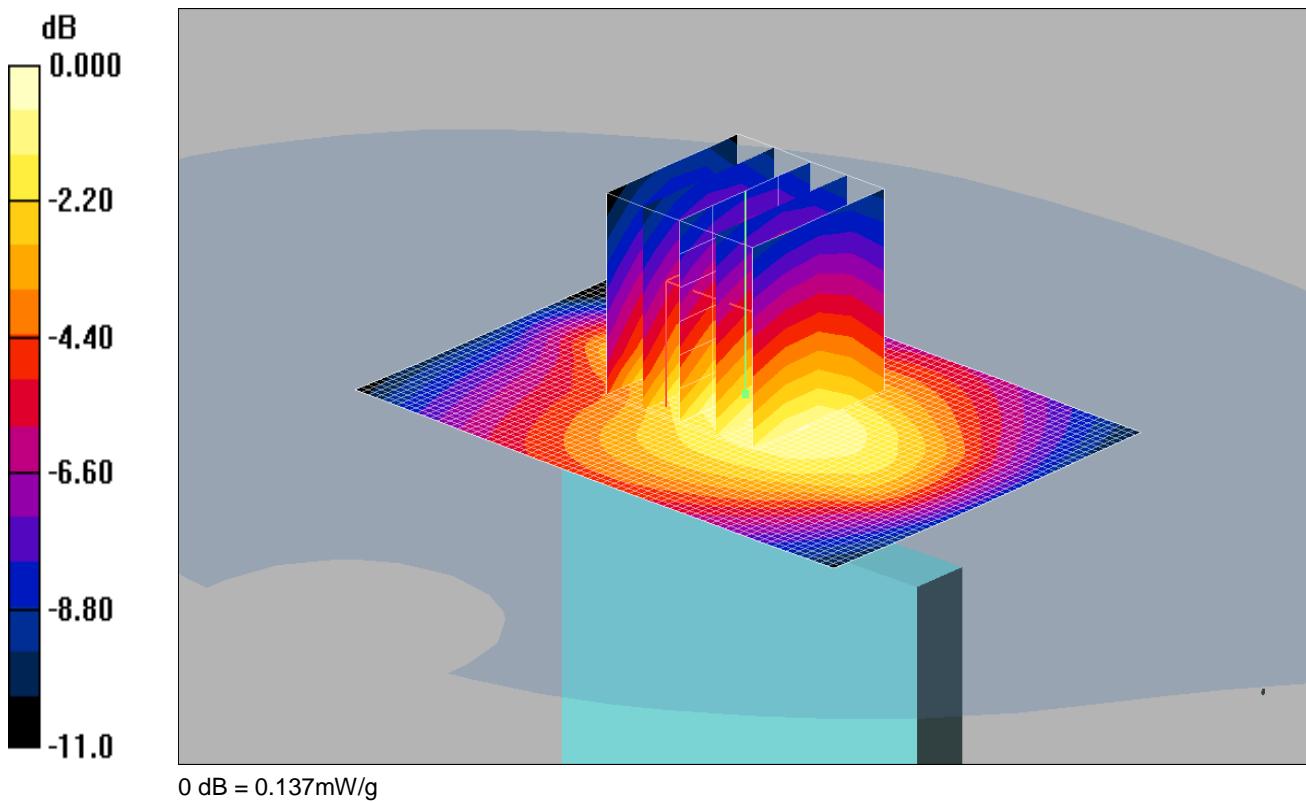
Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.188 mW/g

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.975$ 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

Bottom 50%RB Low - Hotspot - PBx/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

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

Reference Value = 12.0 V/m; Power Drift = -0.007 dB

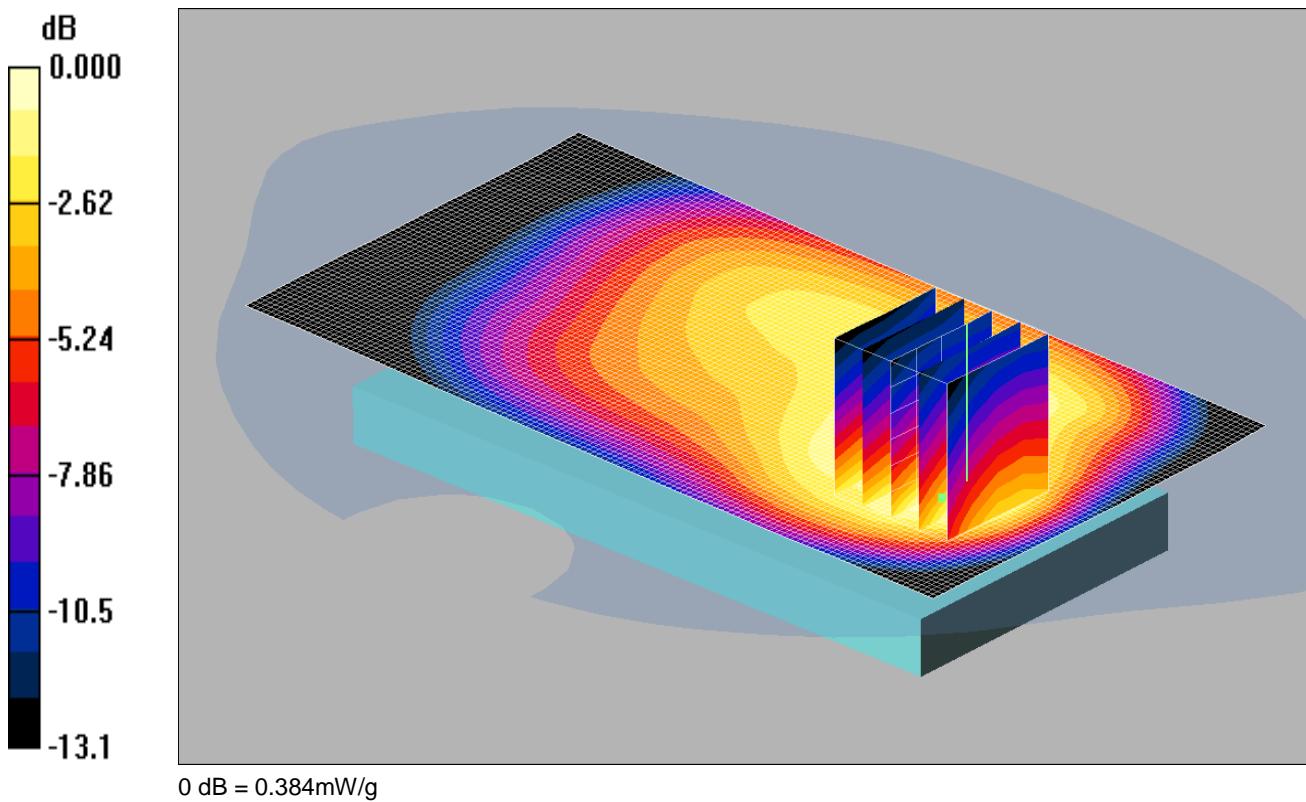
Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.137 mW/g

Date: 28/04/2016

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



Communication System: LTE - Band 26 / 15MHz Channel; Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ 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 Low - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.2 V/m; Power Drift = -0.068 dB

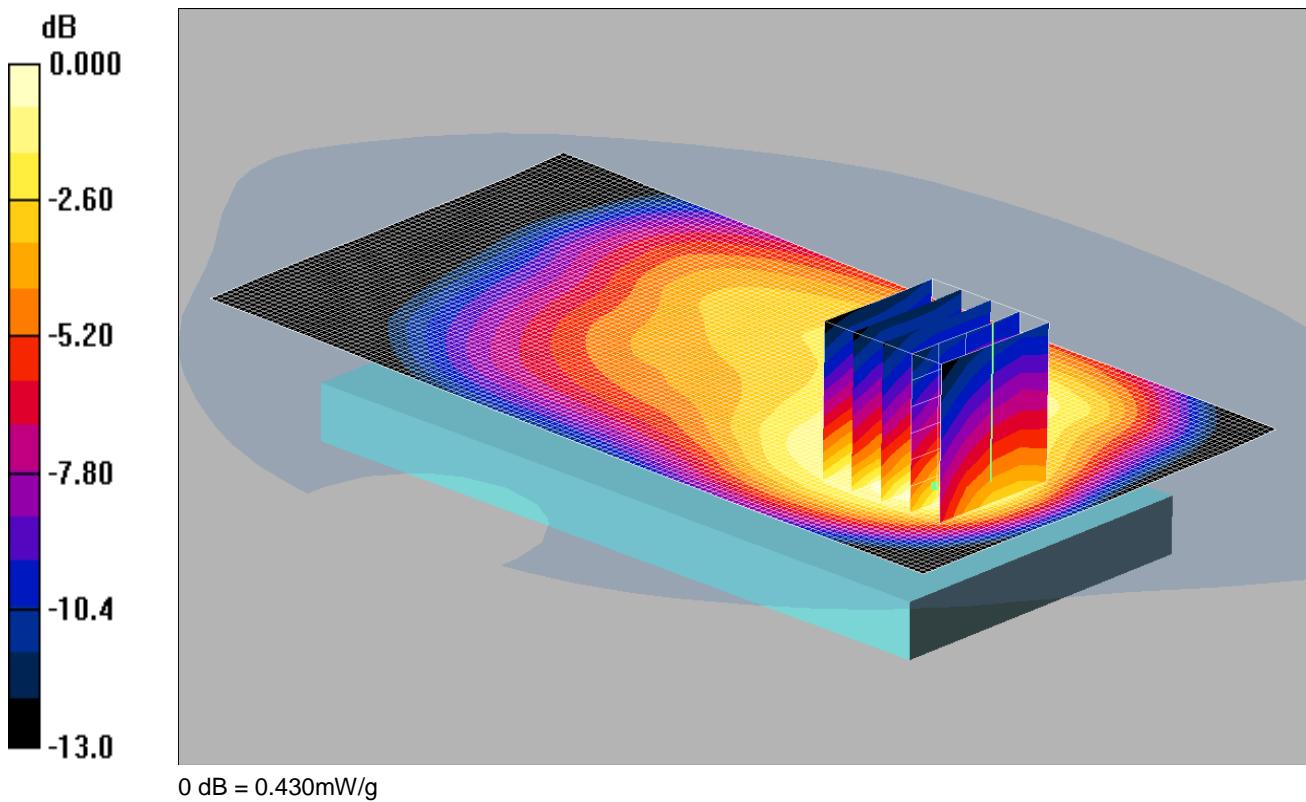
Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.188 mW/g

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

Date: 28/04/2016

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



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.975$ 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 Low - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.484 mW/g

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

Reference Value = 15.8 V/m; Power Drift = -0.198 dB

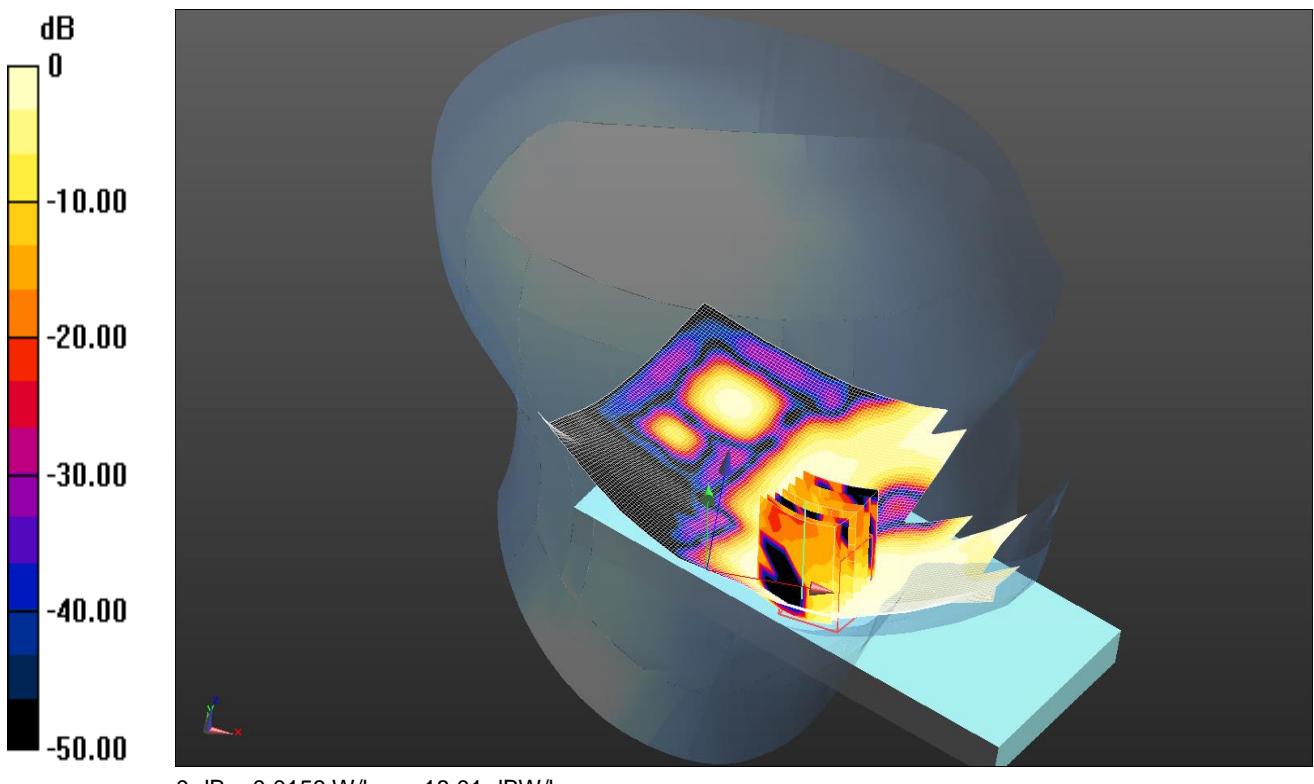
Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.430 mW/g

Date: 03/05/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 1RB Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0391 W/kg

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

Reference Value = 1.350 V/m; Power Drift = 0.98 dB

Peak SAR (extrapolated) = 0.0250 W/kg

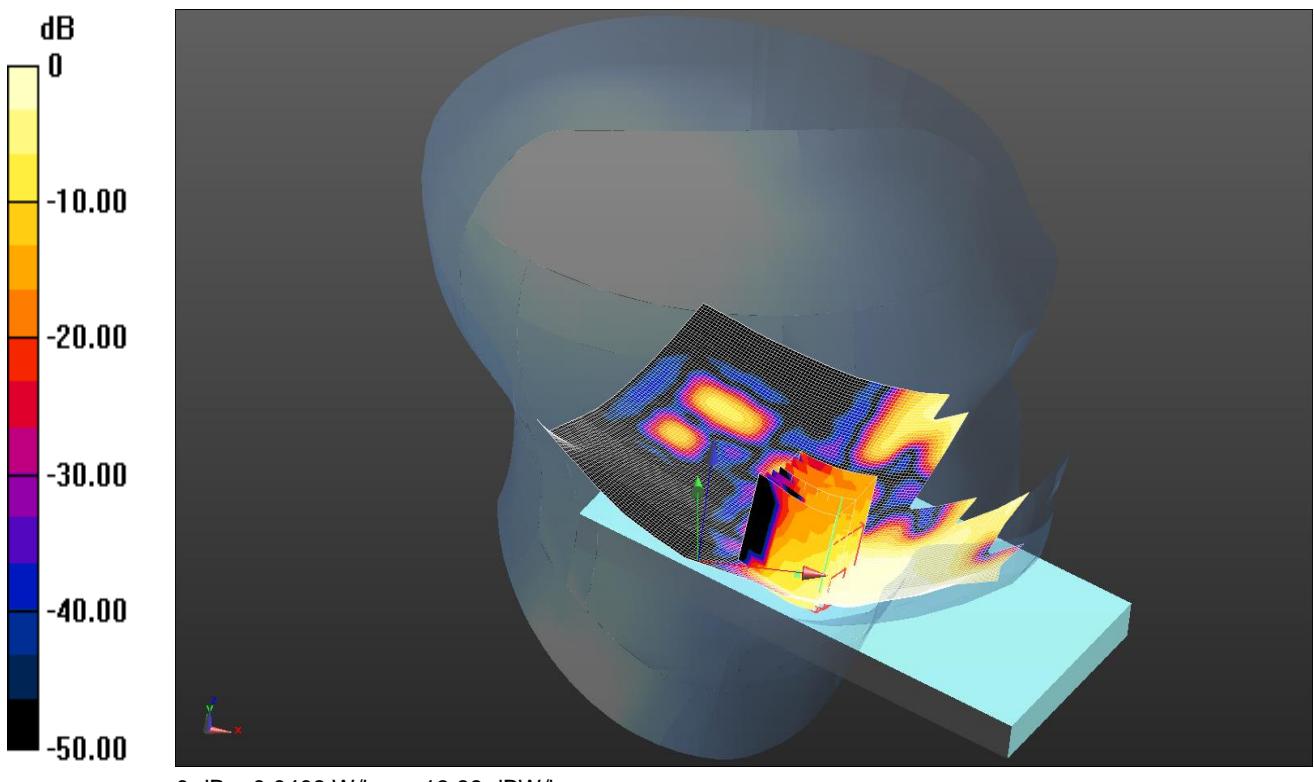
SAR(1 g) = 0.00955 W/kg; SAR(10 g) = 0.00386 W/kg

Maximum value of SAR (measured) = 0.0158 W/kg

SAR/284: Touch Left LTE Band 30 10MHz 50%RB Low CH27710

Date: 03/05/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 50%RB Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0340 W/kg

Configuration/Touch Left 50%RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.598 V/m; Power Drift = 12.84 dB

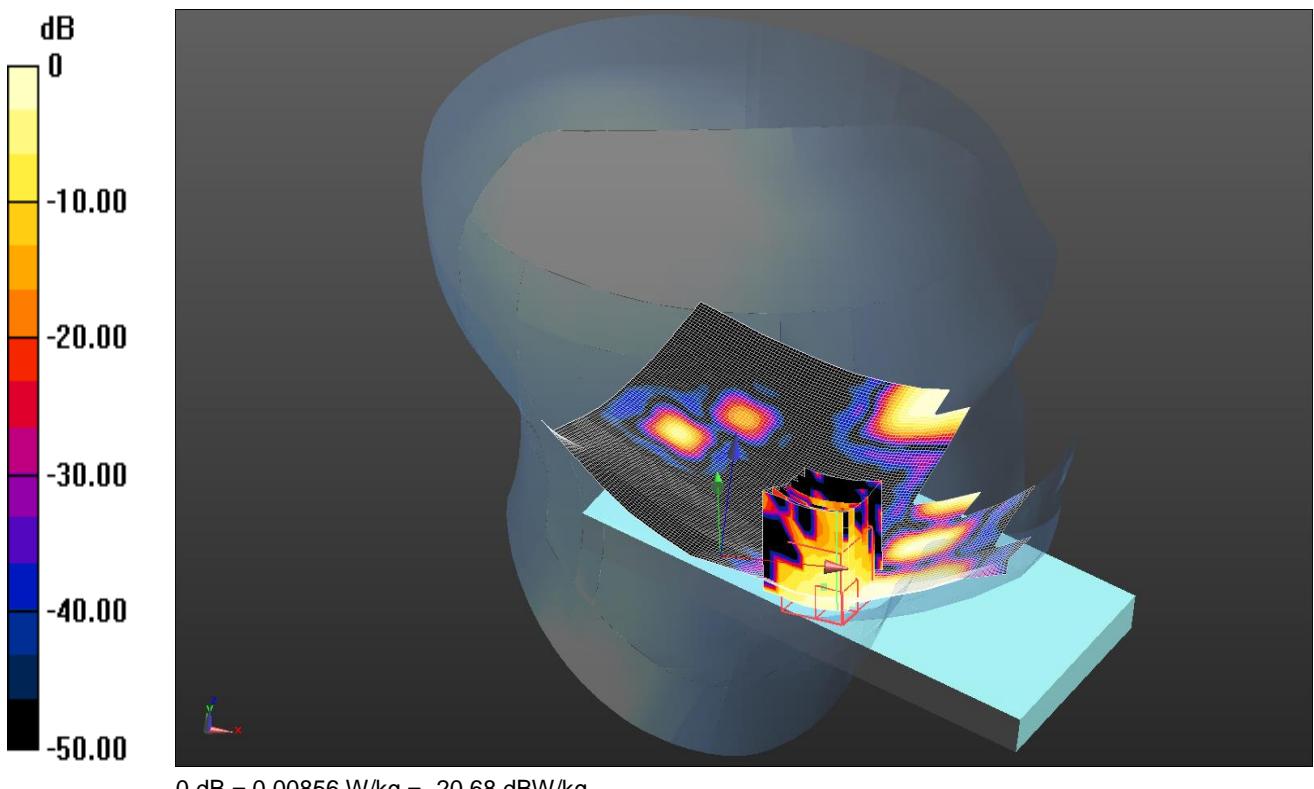
Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0408 W/kg

Date: 03/05/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 50%RB Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0174 W/kg

Configuration/Tilt Left 50%RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.548 V/m; Power Drift = 7.01 dB

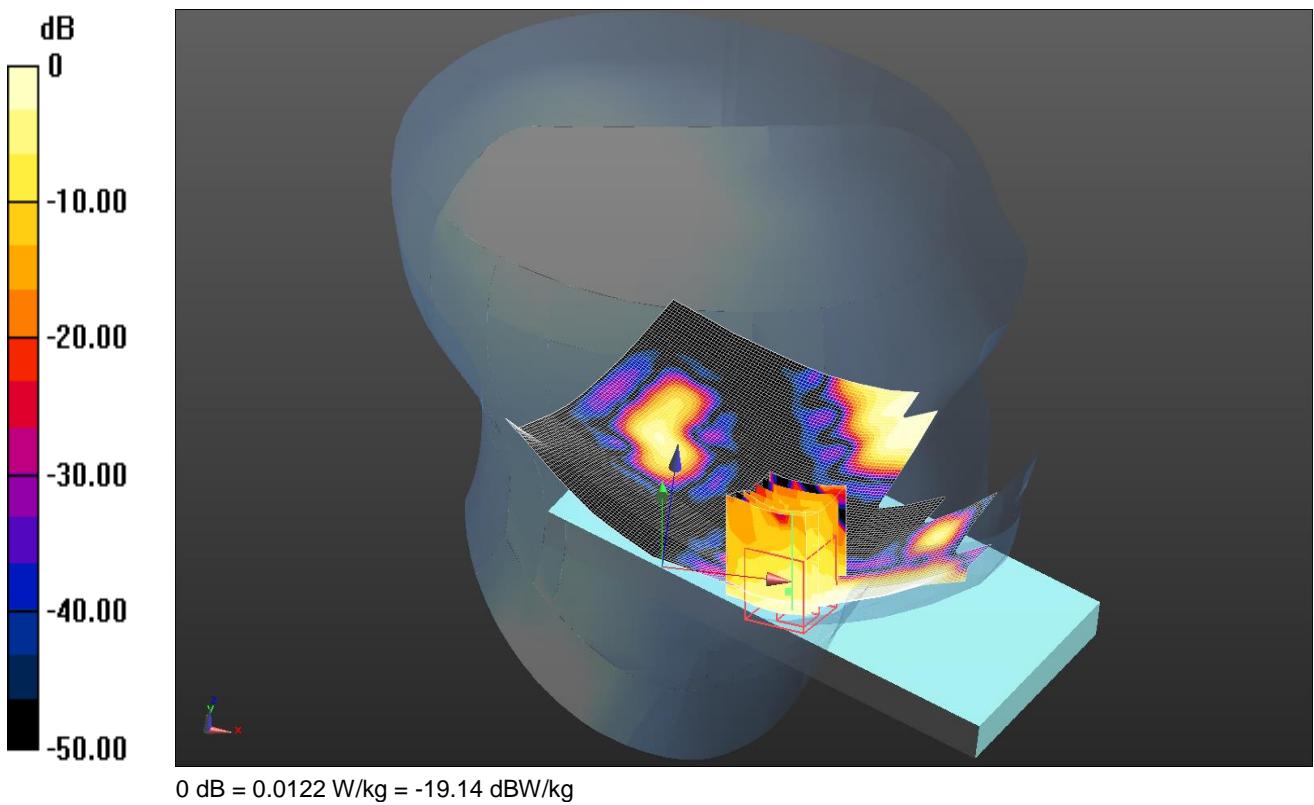
Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00544 W/kg; SAR(10 g) = 0.00211 W/kg

Maximum value of SAR (measured) = 0.00856 W/kg

Date: 03/05/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 1RB Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0163 W/kg

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

Reference Value = 0.743 V/m; Power Drift = 3.62 dB

Peak SAR (extrapolated) = 0.0160 W/kg

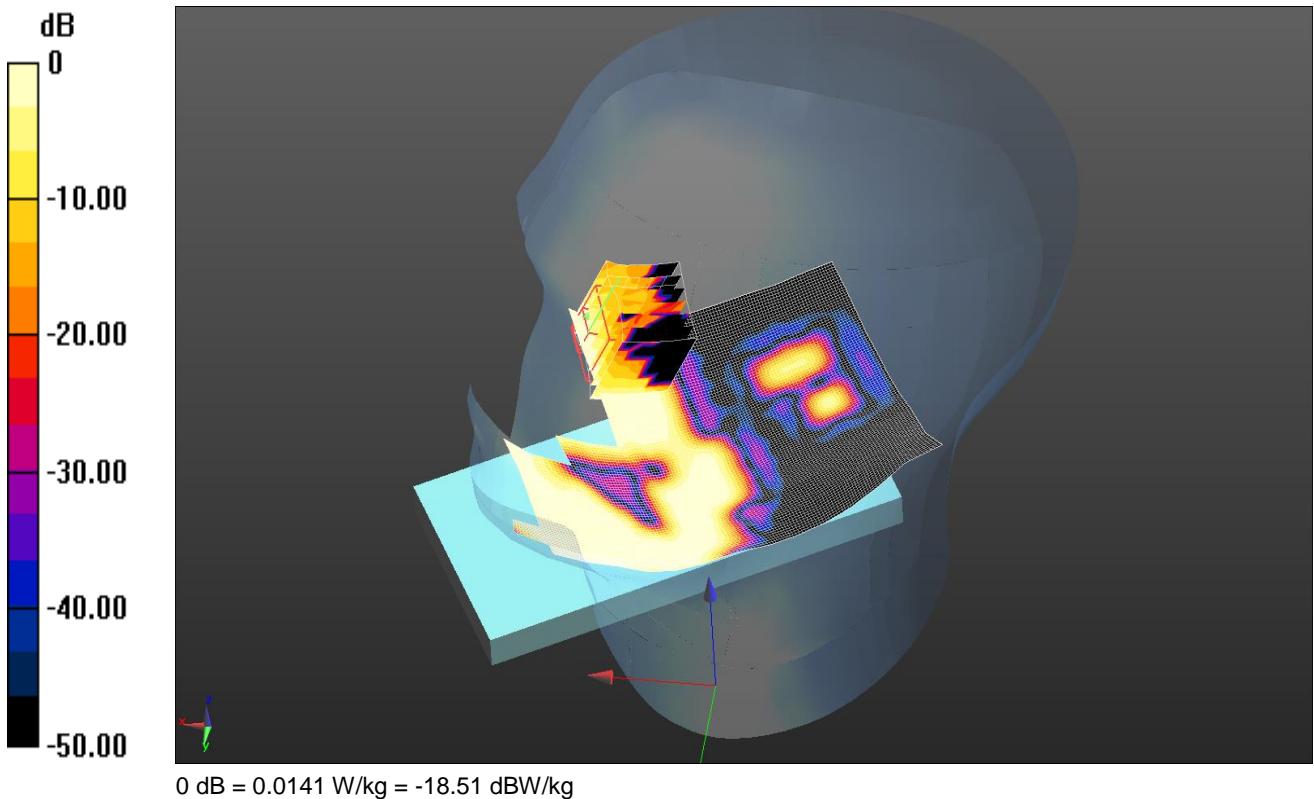
SAR(1 g) = 0.00803 W/kg; SAR(10 g) = 0.00417 W/kg

Maximum value of SAR (measured) = 0.0122 W/kg

SAR/287: Touch Right LTE Band 30 10MHz 1RB Low CH27710

Date: 05/05/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right 1RB Low - Head - PB0 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0231 W/kg

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

Reference Value = 2.038 V/m; Power Drift = 2.38 dB

Peak SAR (extrapolated) = 0.0230 W/kg

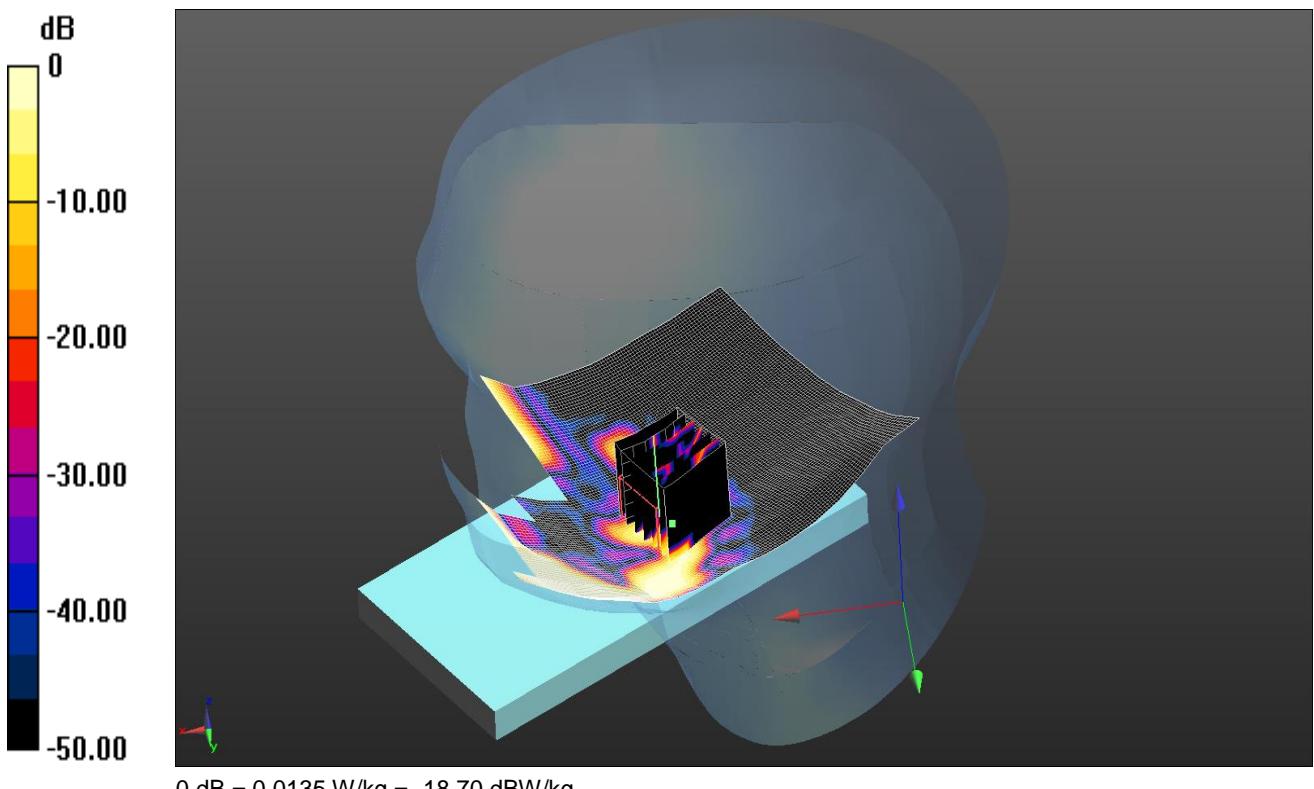
SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00379 W/kg

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

SAR/288: Touch Right LTE Band 30 10MHz 50%RB Low CH27710

Date: 05/05/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right 50%RB Low - Head - PB0 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0234 W/kg

Configuration/Touch Right 50%RB Low - Head - PB0 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.883 V/m; Power Drift = 0.72 dB

Peak SAR (extrapolated) = 0.0340 W/kg

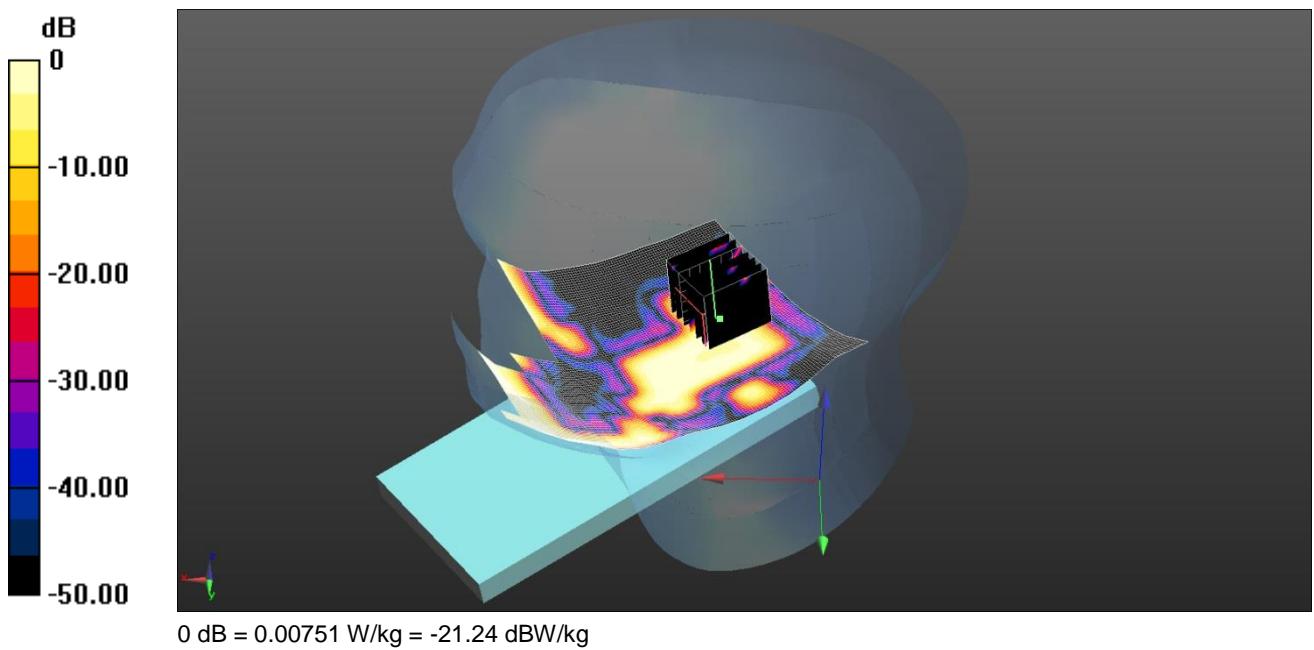
SAR(1 g) = 0.00525 W/kg; SAR(10 g) = 0.00191 W/kg

Maximum value of SAR (measured) = 0.0135 W/kg

SAR/289: Tilt Right LTE Band 30 10MHz 1RB Low CH27710x

Date: 05/05/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Tilt Right 1RB Low - Head - PB0 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0186 W/kg

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

Reference Value = 1.197 V/m; Power Drift = 2.52 dB

Peak SAR (extrapolated) = 0.0210 W/kg

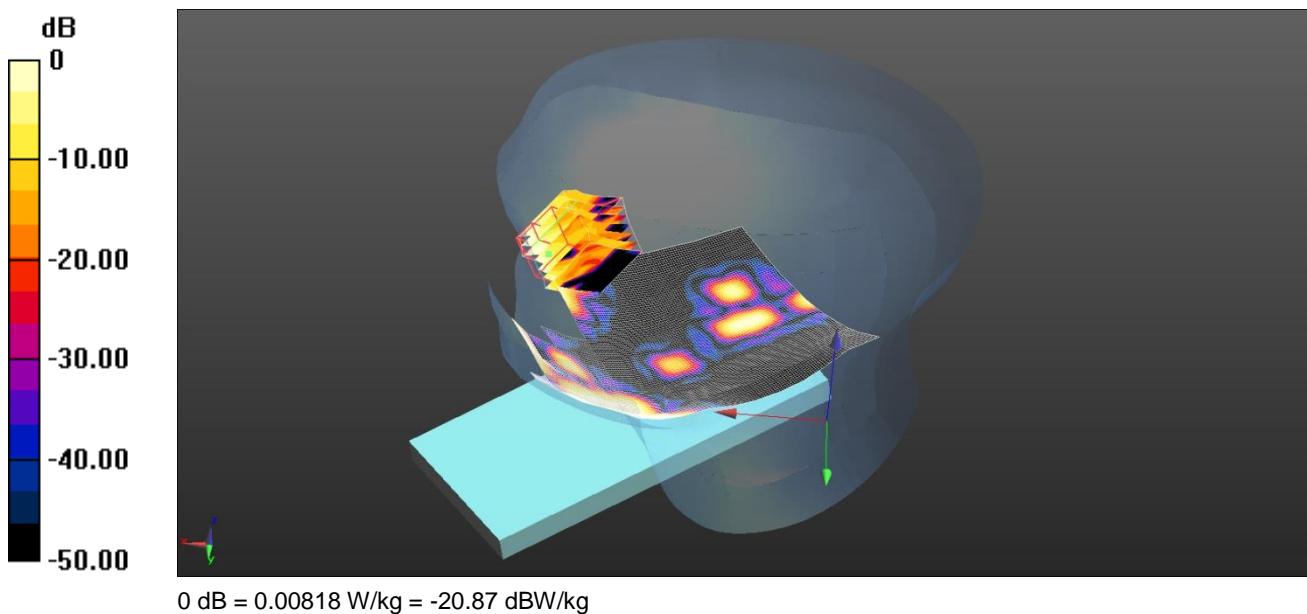
SAR(1 g) = 0.00344 W/kg; SAR(10 g) = 0.0012 W/kg

Maximum value of SAR (measured) = 0.00751 W/kg

SAR/290: Tilt Right LTE Band 30 10MHz 50%RB Low CH27710x

Date: 04/05/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.143$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.78, 4.78, 4.78); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Tilt Right 50%RB Low - Head - PB0 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0196 W/kg

Configuration/Tilt Right 50%RB Low - Head - PB0 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.6040 V/m; Power Drift = -1.67 dB

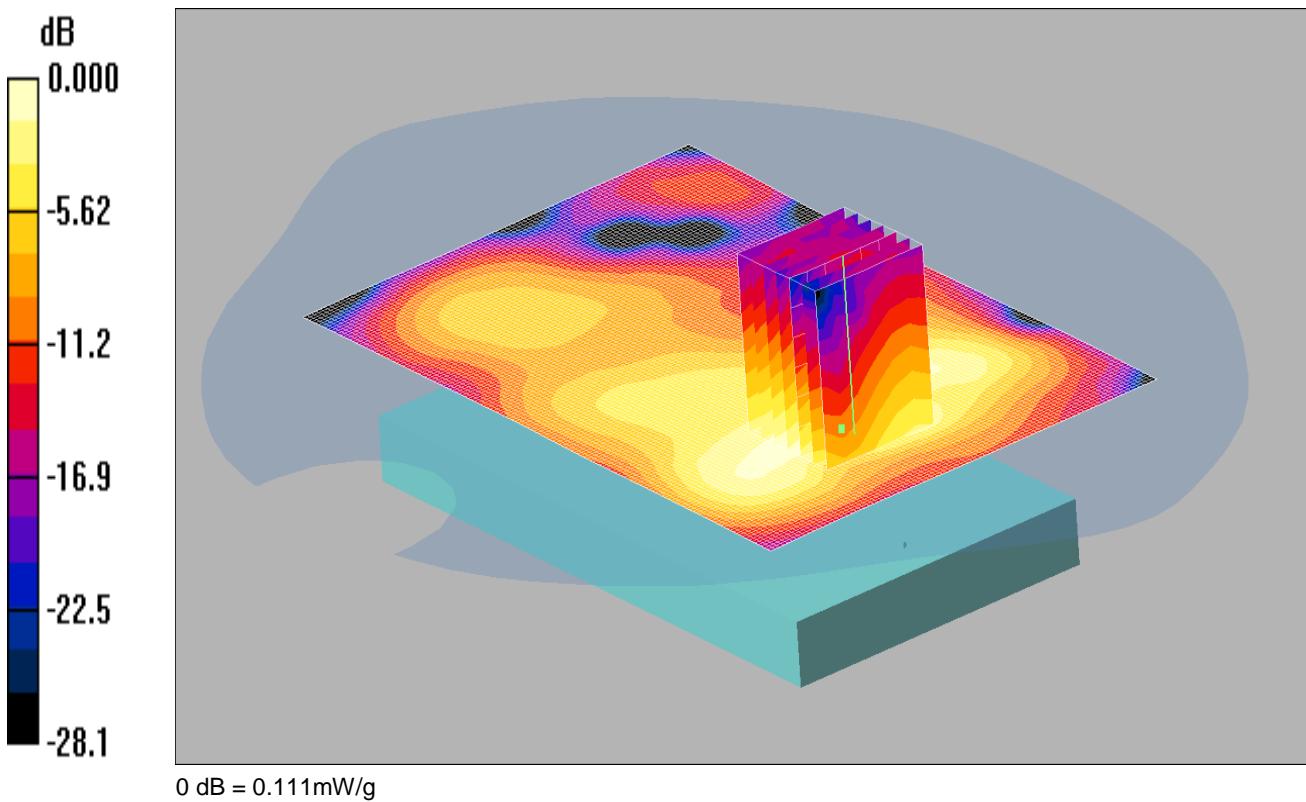
Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.0059 W/kg; SAR(10 g) = 0.00181 W/kg

Maximum value of SAR (measured) = 0.00818 W/kg

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front 1RB Low - Hotspot - PB1/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.112 mW/g

Front 1RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.96 V/m; Power Drift = -0.027 dB

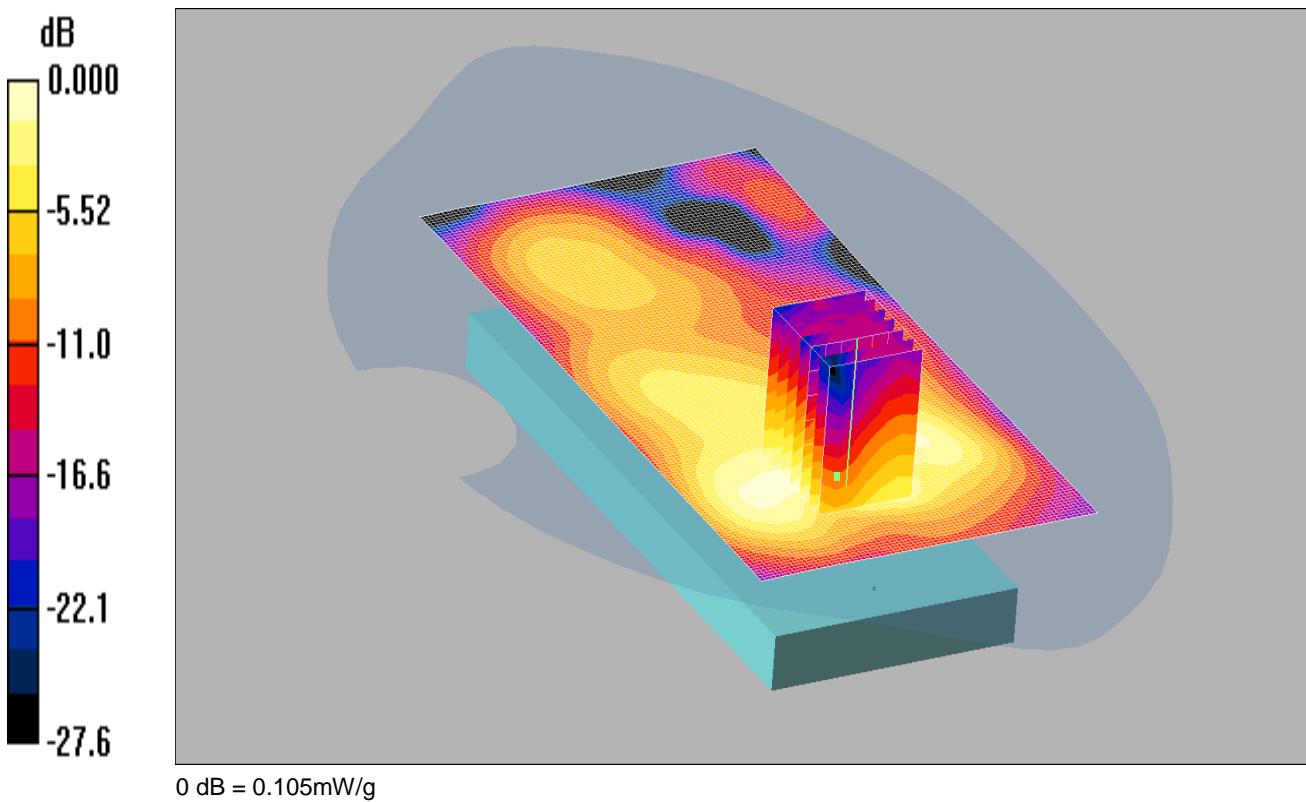
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.046 mW/g

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

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);
 - Sensor-Surface: 3mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn432; Calibrated: 25/08/2015
 - Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
 - Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Front 50%RB Low - Hotspot - PB1/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.104 mW/g

Front 50%RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.80 V/m; Power Drift = 0.053 dB

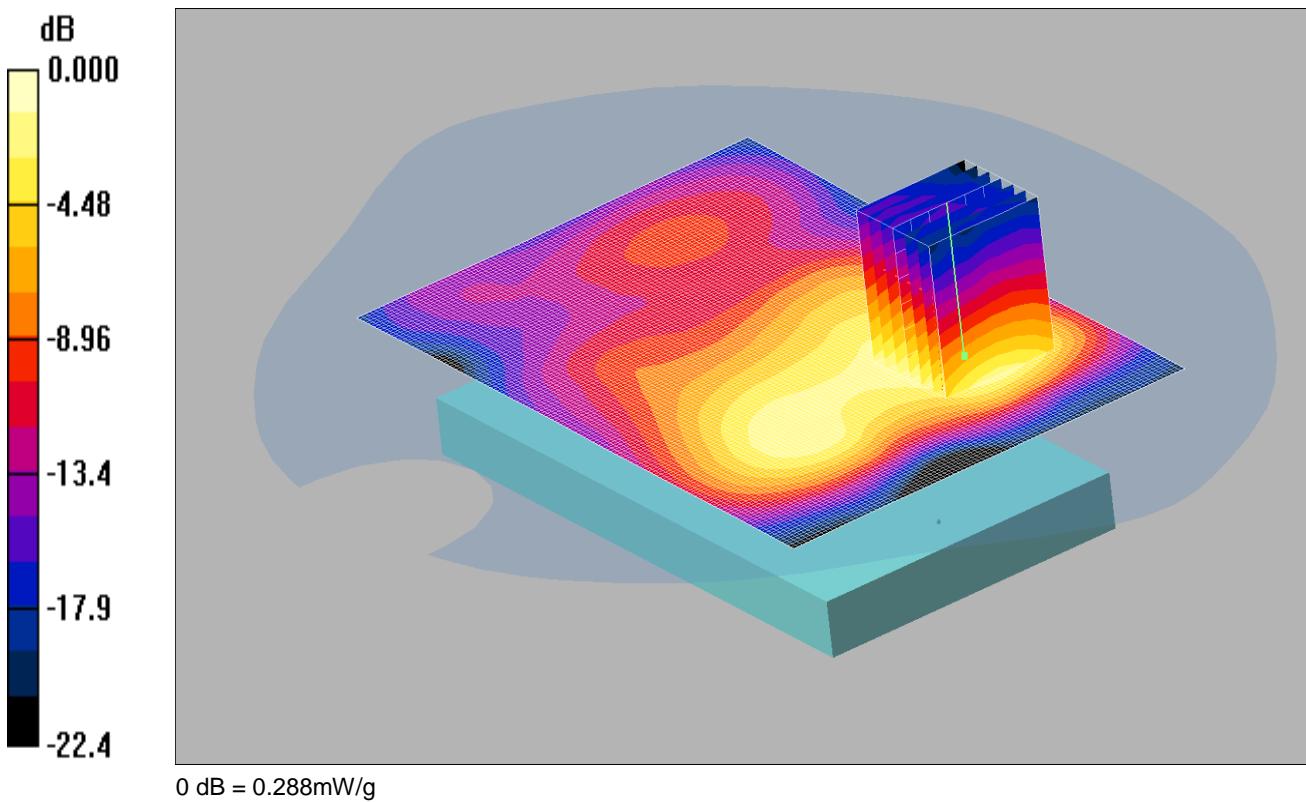
Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.105 mW/g

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 1RB Low - Hotspot - PB1/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

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

Back 1RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.012 dB

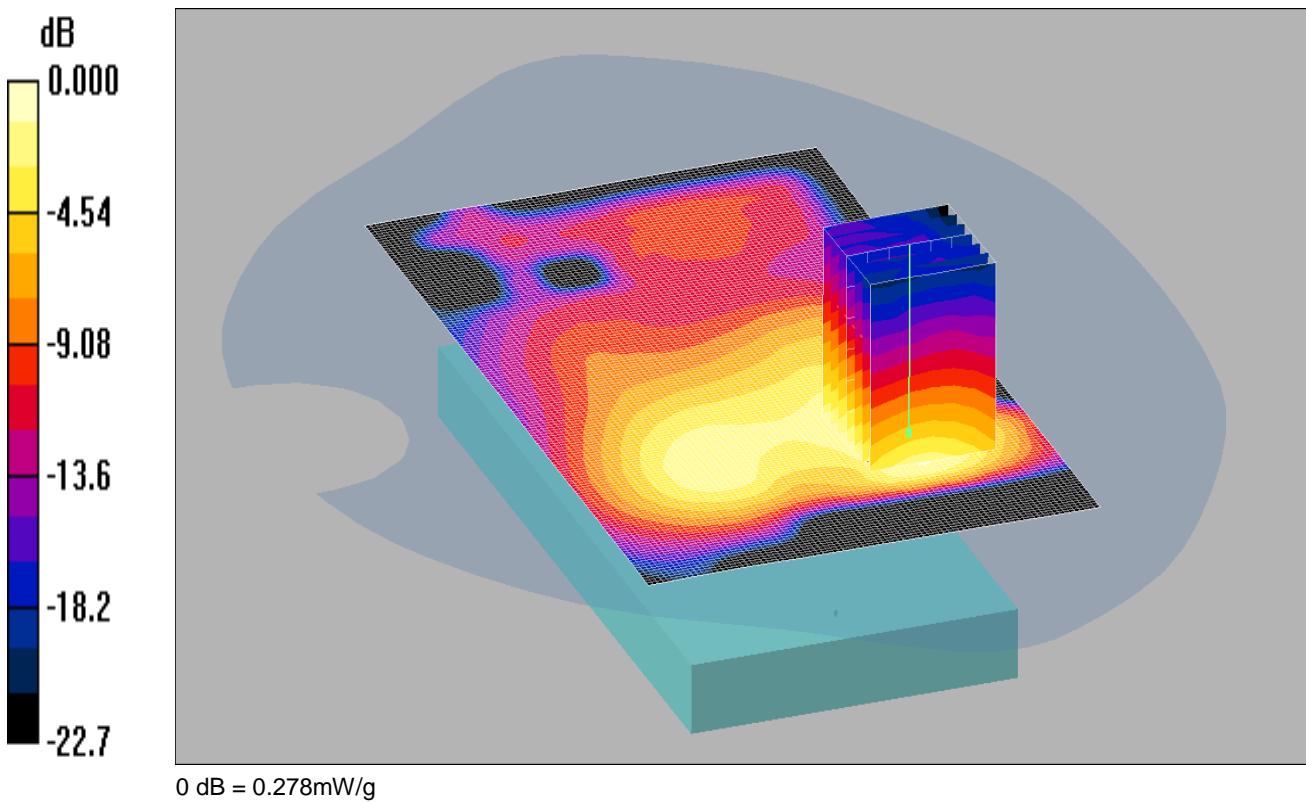
Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.288 mW/g

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 50%RB Low - Hotspot - PB1 2/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.284 mW/g

Back 50%RB Low - Hotspot - PB1 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.72 V/m; Power Drift = 0.097 dB

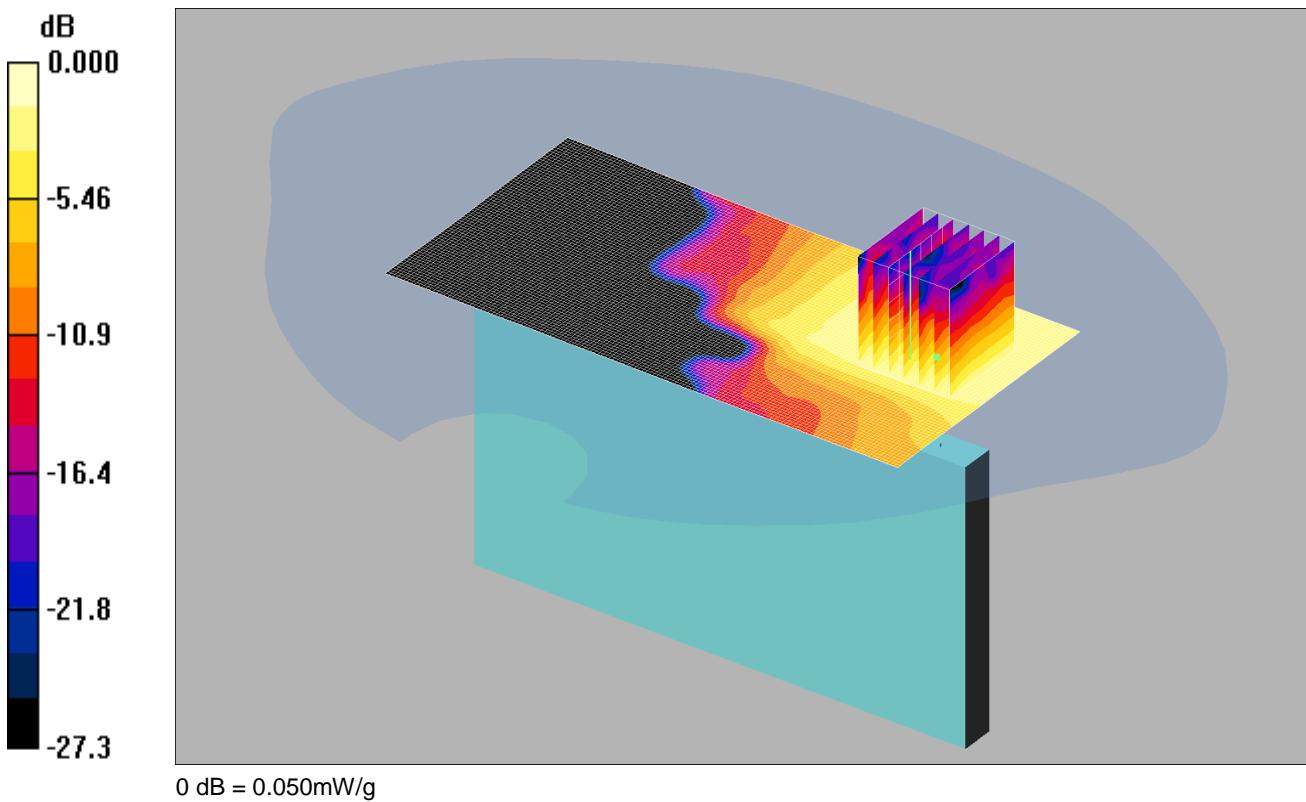
Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.278 mW/g

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310 \text{ MHz}$; $\sigma = 1.87 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right 1RB Low - Hotspot - PB1 2/Area Scan (71x141x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.035 mW/g

Right 1RB Low - Hotspot - PB1 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.33 V/m; Power Drift = 0.171 dB

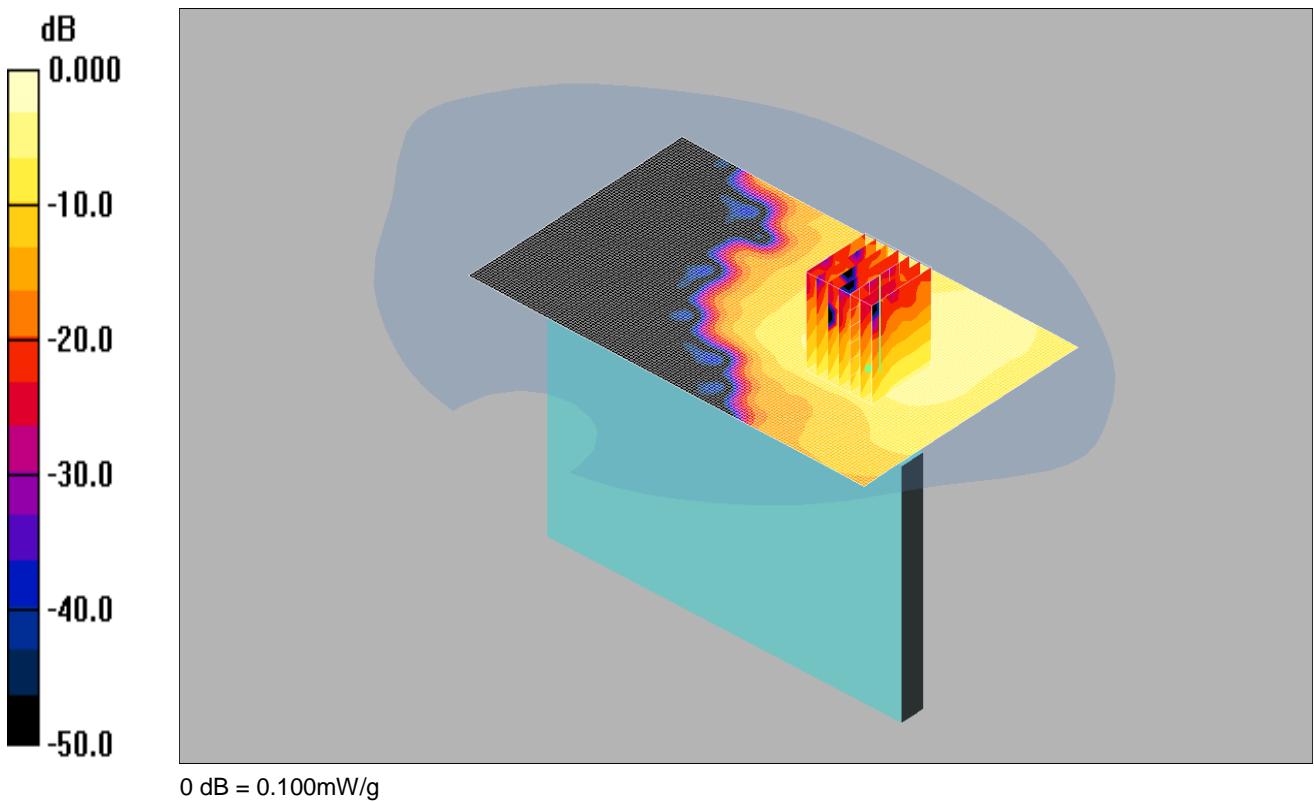
Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

Date: 18/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right 50%RB Low - Hotspot - PB1/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

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

Right 50%RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.34 V/m; Power Drift = 0.002 dB

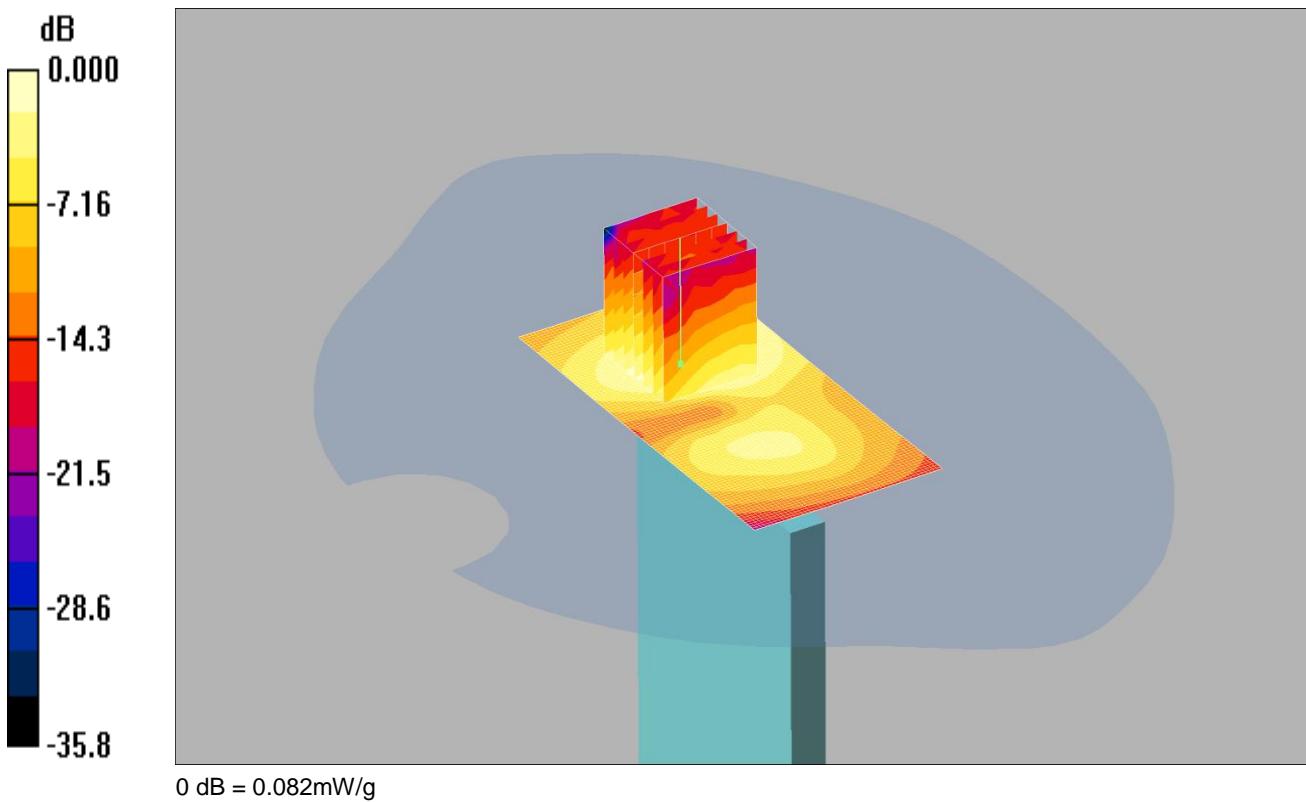
Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

Date: 19/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom 1 RB Low - Hotspot - PB1/Area Scan (51x101x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.086 mW/g

Bottom 1 RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.80 V/m; Power Drift = -0.020 dB

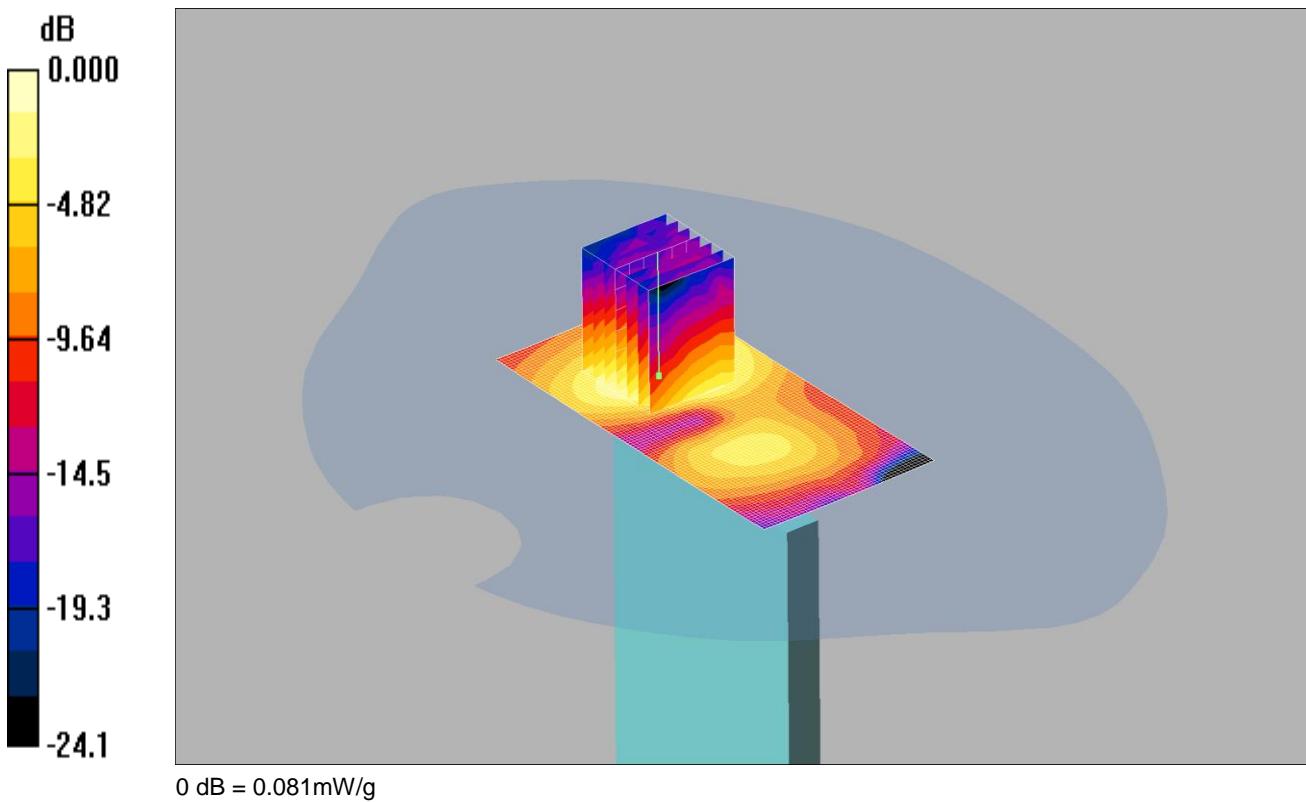
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g

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

Date: 26/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom 50%RB Low - Hotspot - PB1/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.085 mW/g

Bottom 50%RB Low - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.64 V/m; Power Drift = 0.132 dB

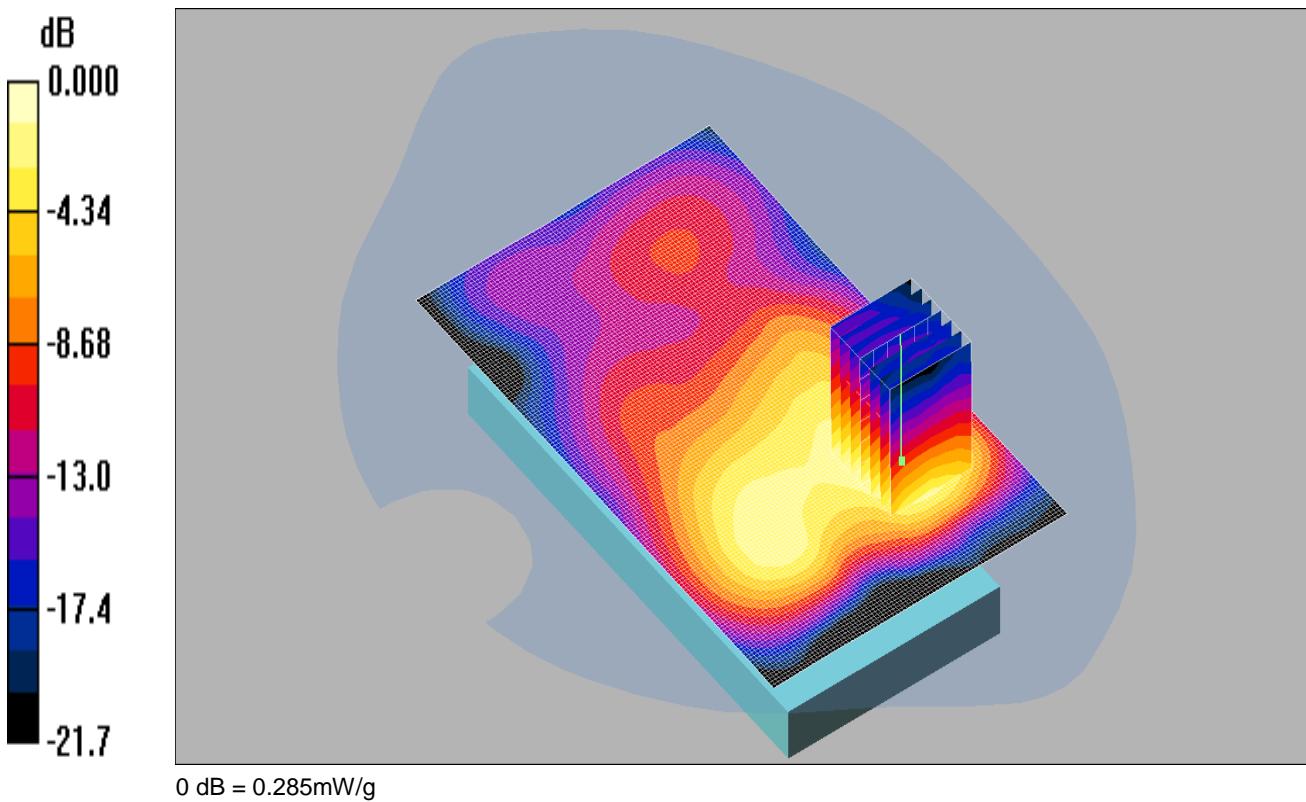
Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.034 mW/g

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

Date: 26/05/2016

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



0 dB = 0.285mW/g

Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 1RB Mid QAM - Hotspot - PB1/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.299 mW/g

Back 1RB Mid QAM - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.128 dB

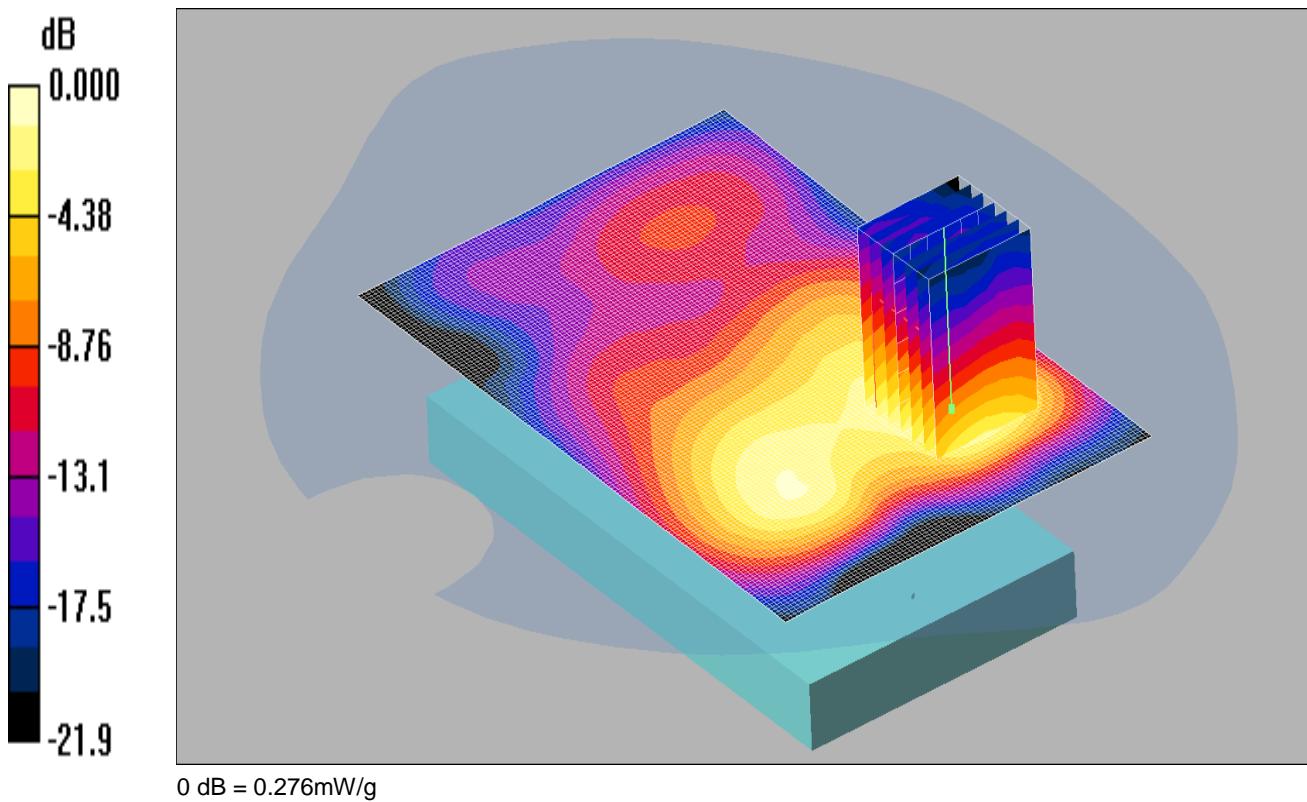
Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.285 mW/g

Date: 19/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 50% RB Mid QAM - Hotspot - PB1/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

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

Back 50% RB Mid QAM - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.091 dB

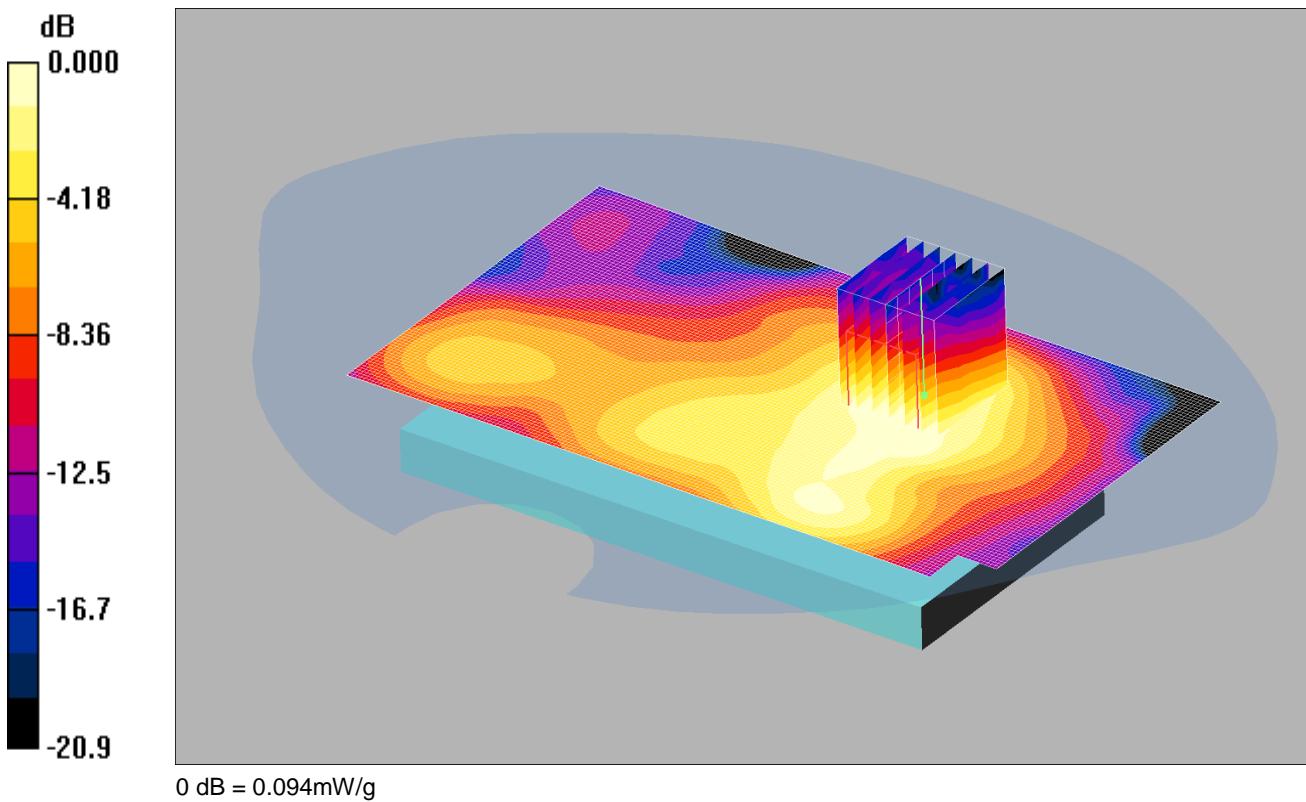
Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.276 mW/g

Date: 16/05/2016

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



0 dB = 0.094mW/g

Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front 1RB Low- Bodyworn – PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

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

Front 1RB Low - Bodyworn – PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.73 V/m; Power Drift = 0.105 dB

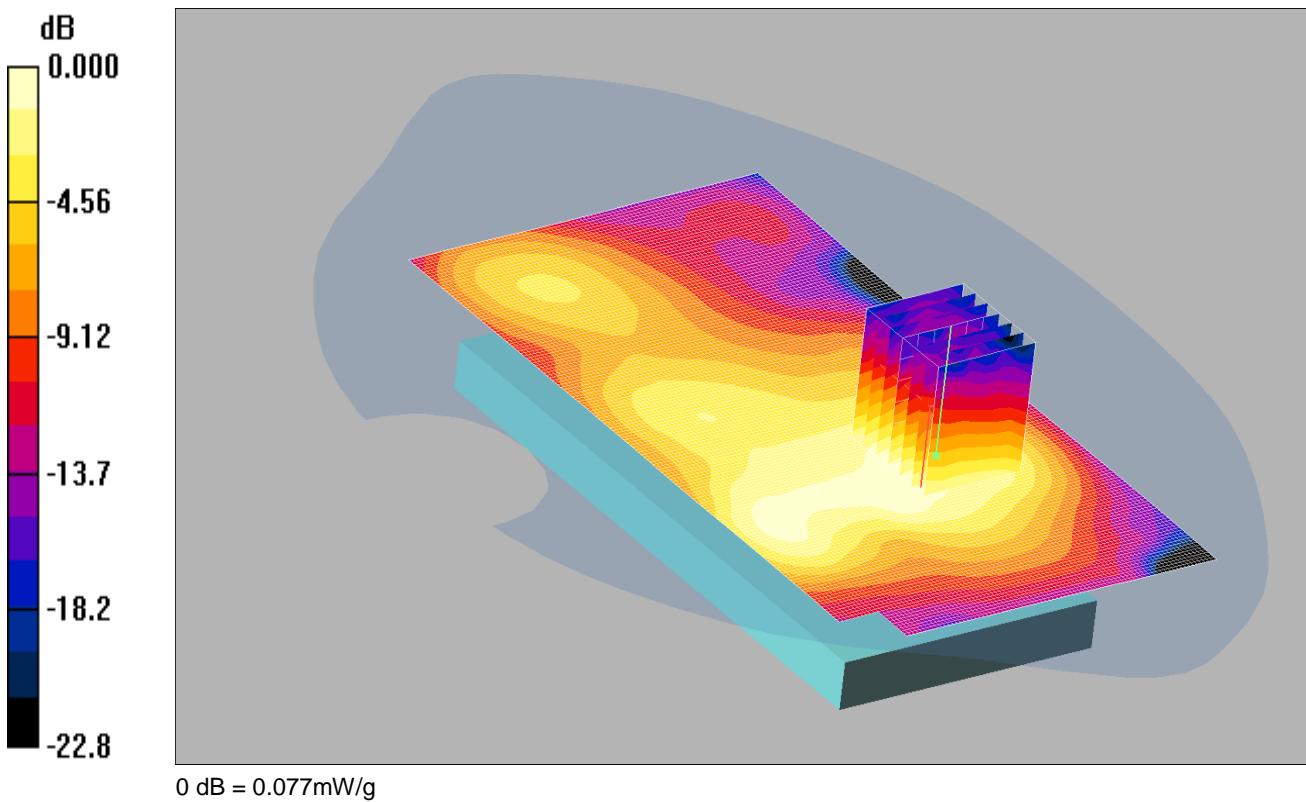
Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.044 mW/g

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

Date 16/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front 50%RB Low - Bodyworn – PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.072 mW/g

Front 50%RB Low - Bodyworn – PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.39 V/m; Power Drift = 0.116 dB

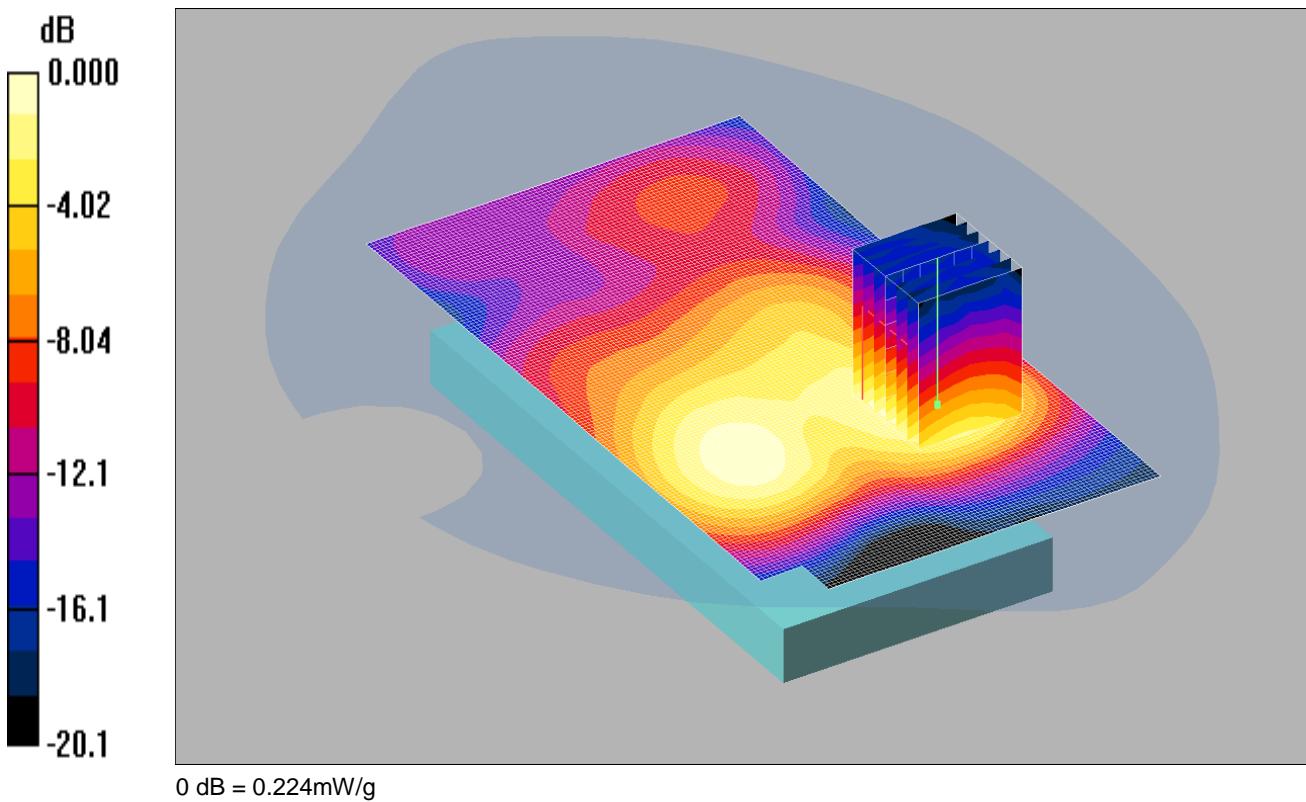
Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.034 mW/g

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

Date: 20/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 1RB Low - Bodyworn – PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.225 mW/g

Back 1RB Low - Bodyworn – PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.75 V/m; Power Drift = 0.048 dB

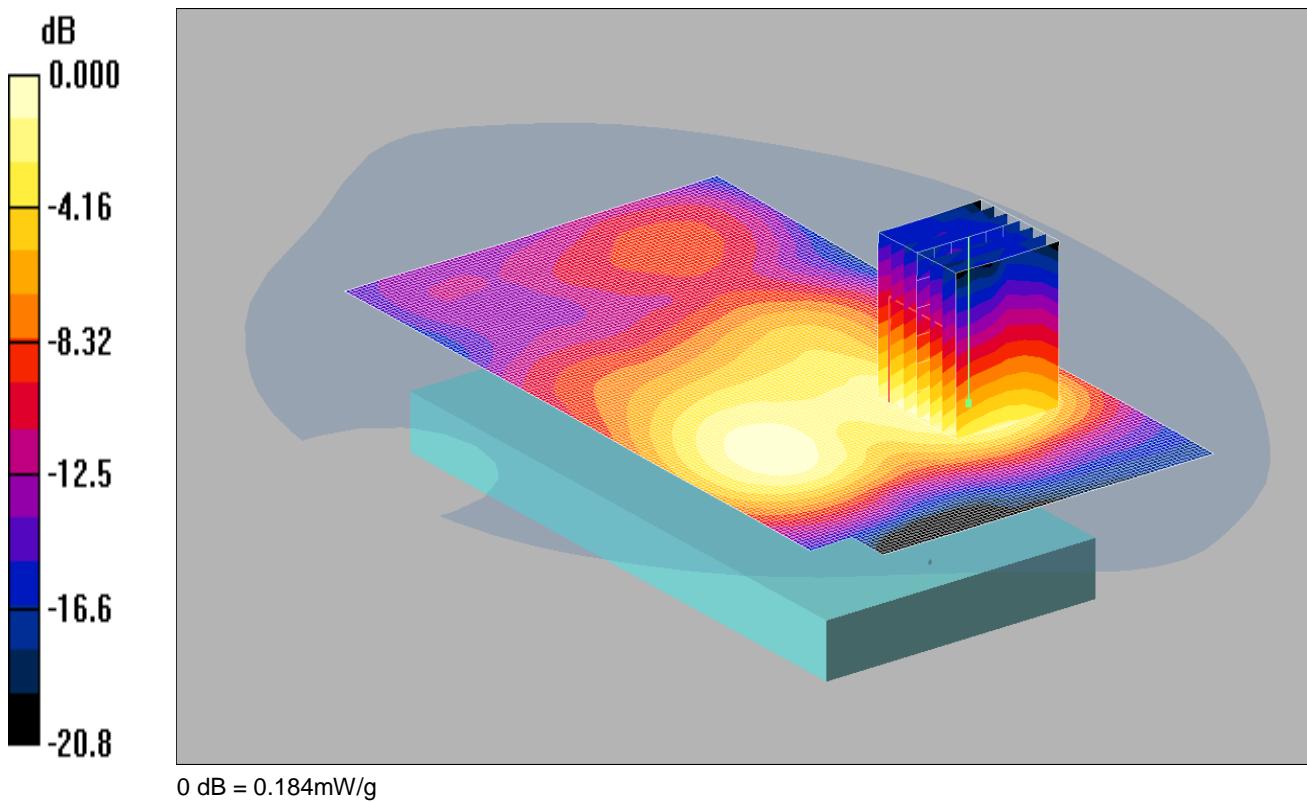
Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

Date: 20/05/2016

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



Communication System: LTE - Band 30/ 10MHz Channel; Frequency: 2310 MHz; Duty Cycle: 1:1.5625

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

- Electronics: DAE4 Sn432; Calibrated: 25/08/2015

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back of EUT 50%RB Low - Bodyworn – PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.189 mW/g

Back of EUT 50%RB Low - Bodyworn – PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.302 dB

Peak SAR (extrapolated) = 0.291 W/kg

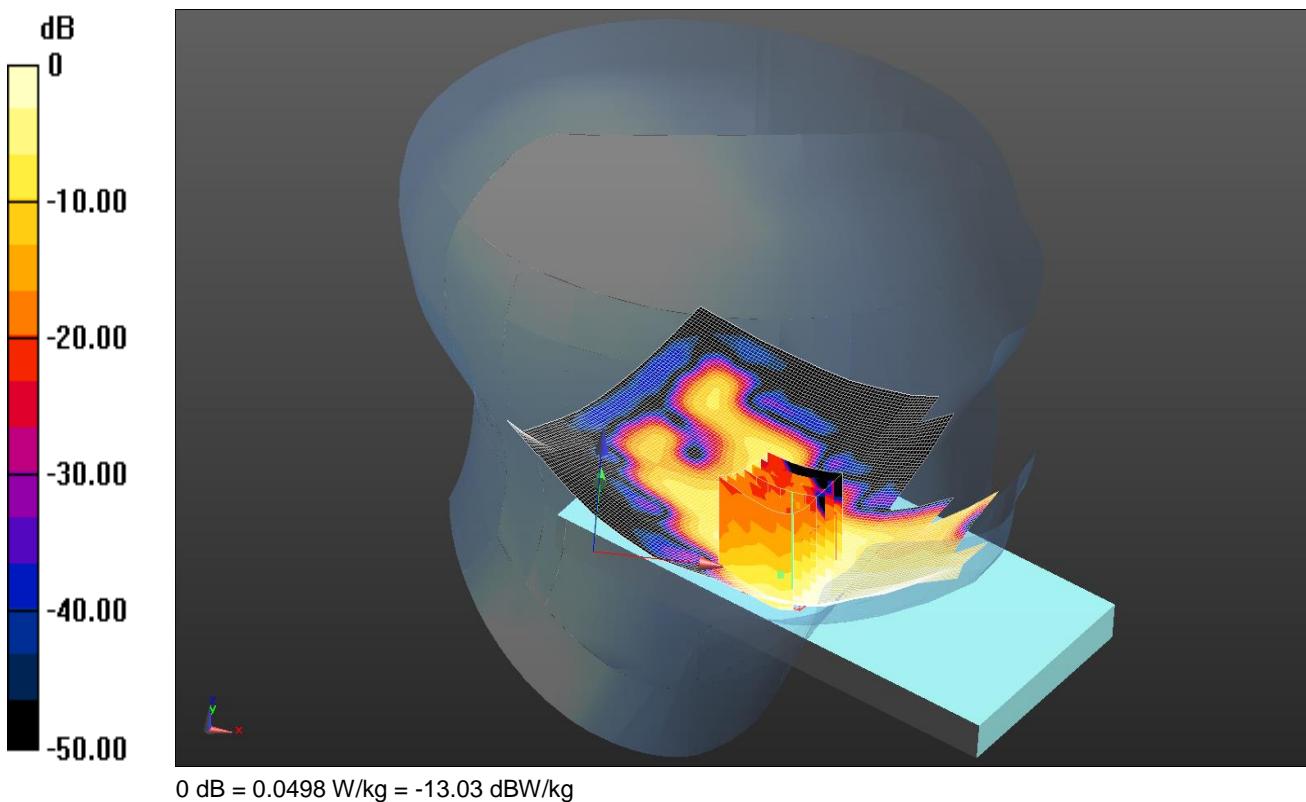
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.184 mW/g

SAR/305: Touch Left LTE Band 41 20MHz 1RB Middle CH40620

Date: 27/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 1RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0409 W/kg

Configuration/Touch Left 1RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.259 V/m; Power Drift = 0.55 dB

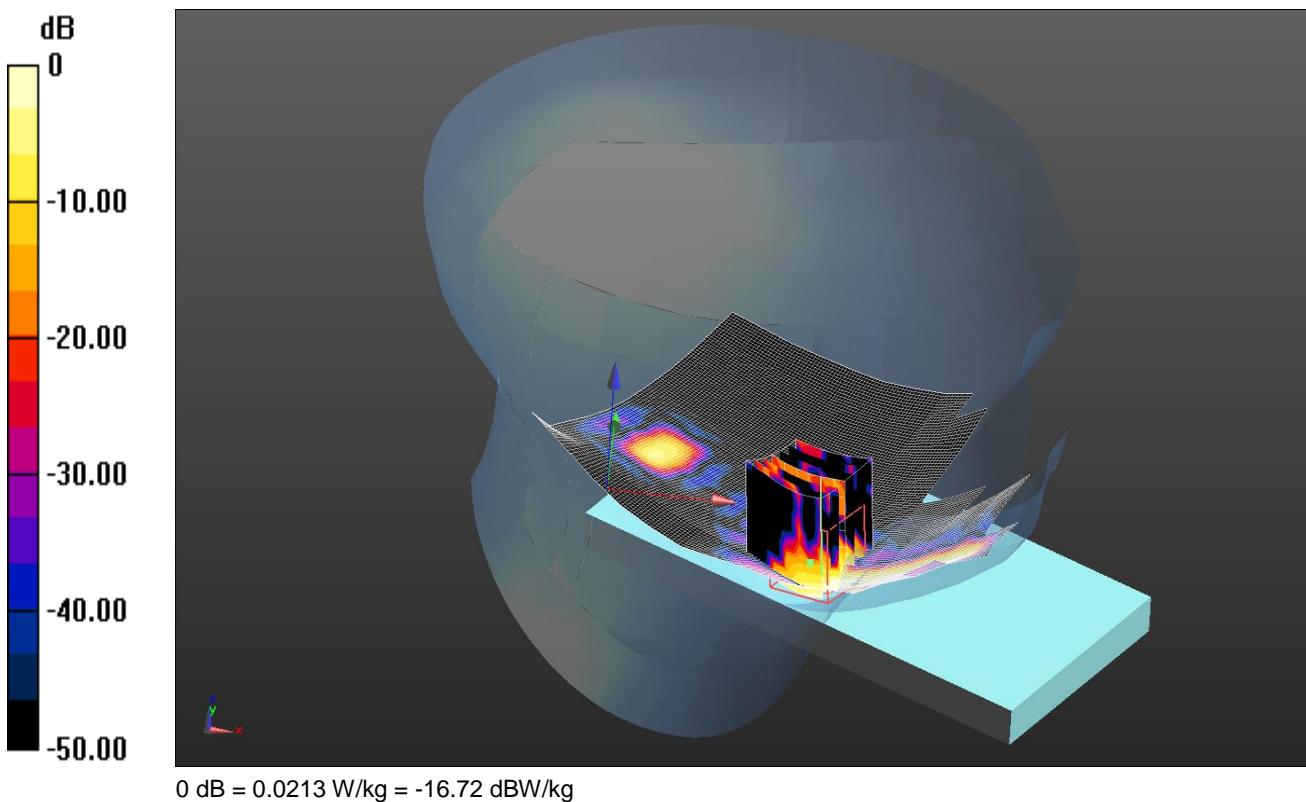
Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0498 W/kg

Date: 27/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 37.963$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 50%RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0413 W/kg

Configuration/Touch Left 50%RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.531 V/m; Power Drift = 10.28 dB

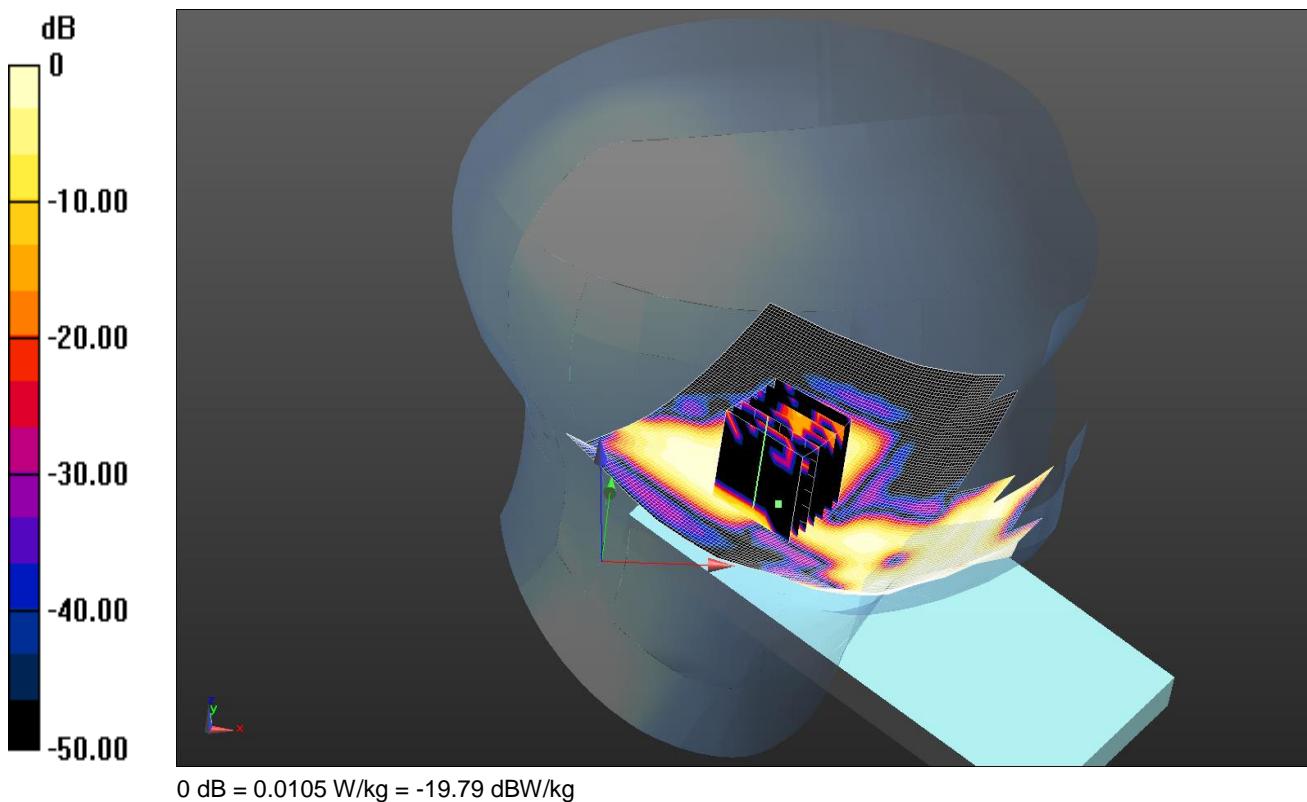
Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.00938 W/kg; SAR(10 g) = 0.00373 W/kg

Maximum value of SAR (measured) = 0.0213 W/kg

Date: 27/04/2016

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



0 dB = 0.0105 W/kg = -19.79 dBW/kg

Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 1RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0138 W/kg

Configuration/Tilt Left 1RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.517 V/m; Power Drift = 0.05 dB

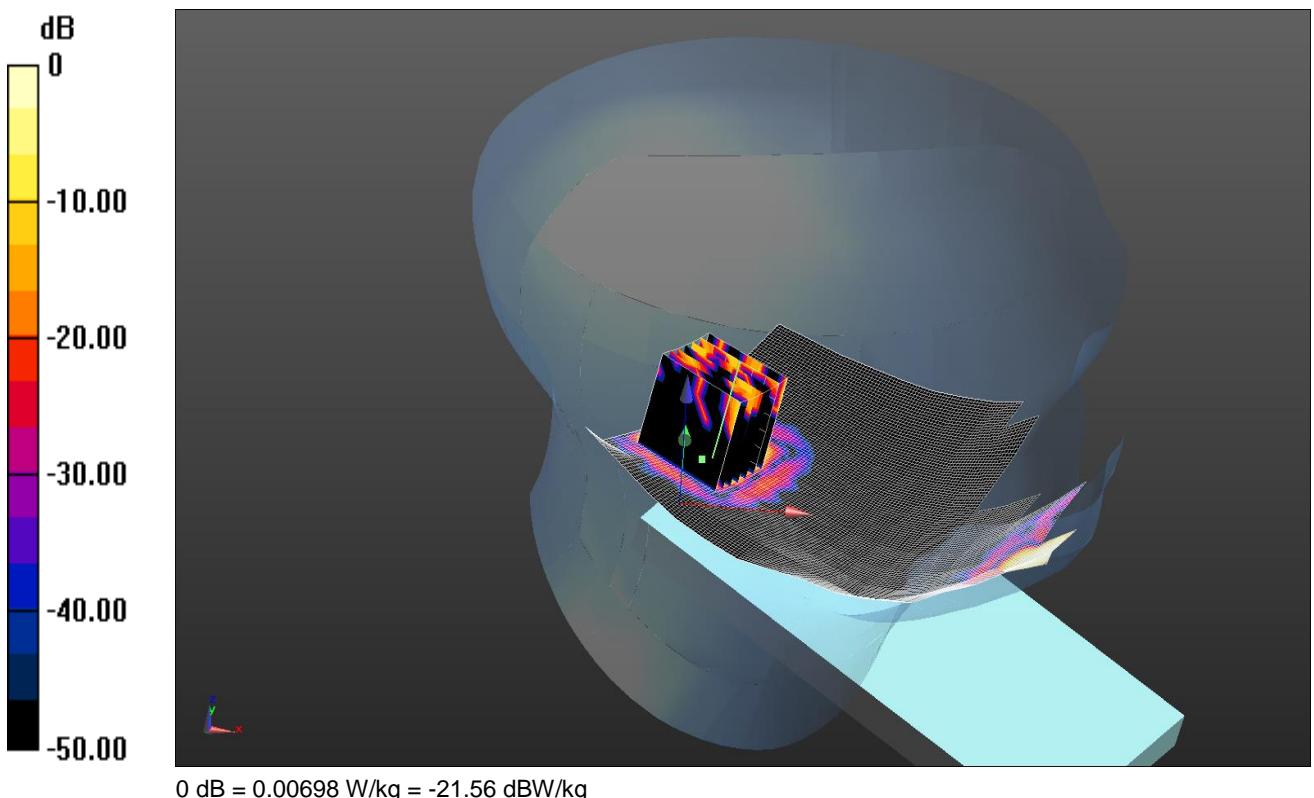
Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.00494 W/kg; SAR(10 g) = 0.00201 W/kg

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

Date: 27/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2680 \text{ MHz}$; $\sigma = 2.067 \text{ S/m}$; $\epsilon_r = 37.963$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 50%RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00787 W/kg

Configuration/Tilt Left 50%RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.167 V/m; Power Drift = 1.02 dB

Peak SAR (extrapolated) = 0.0180 W/kg

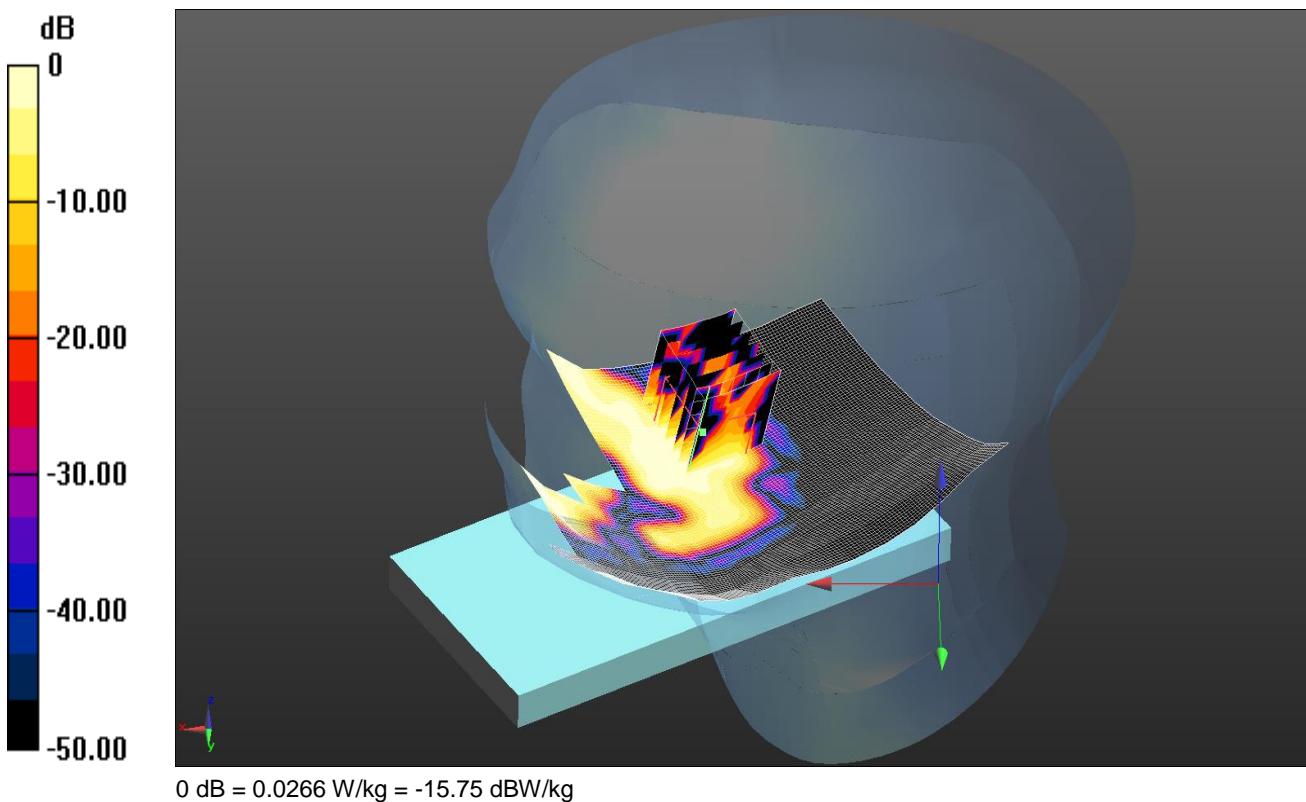
SAR(1 g) = 0.00326 W/kg; SAR(10 g) = 0.00114 W/kg

Maximum value of SAR (measured) = 0.00698 W/kg

SAR/309: Touch Right LTE Band 41 20MHz 1RB Middle CH40620

Date: 28/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2A1P8I



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right 1RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0527 W/kg

Configuration/Touch Right 1RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.055 V/m; Power Drift = 1.69 dB

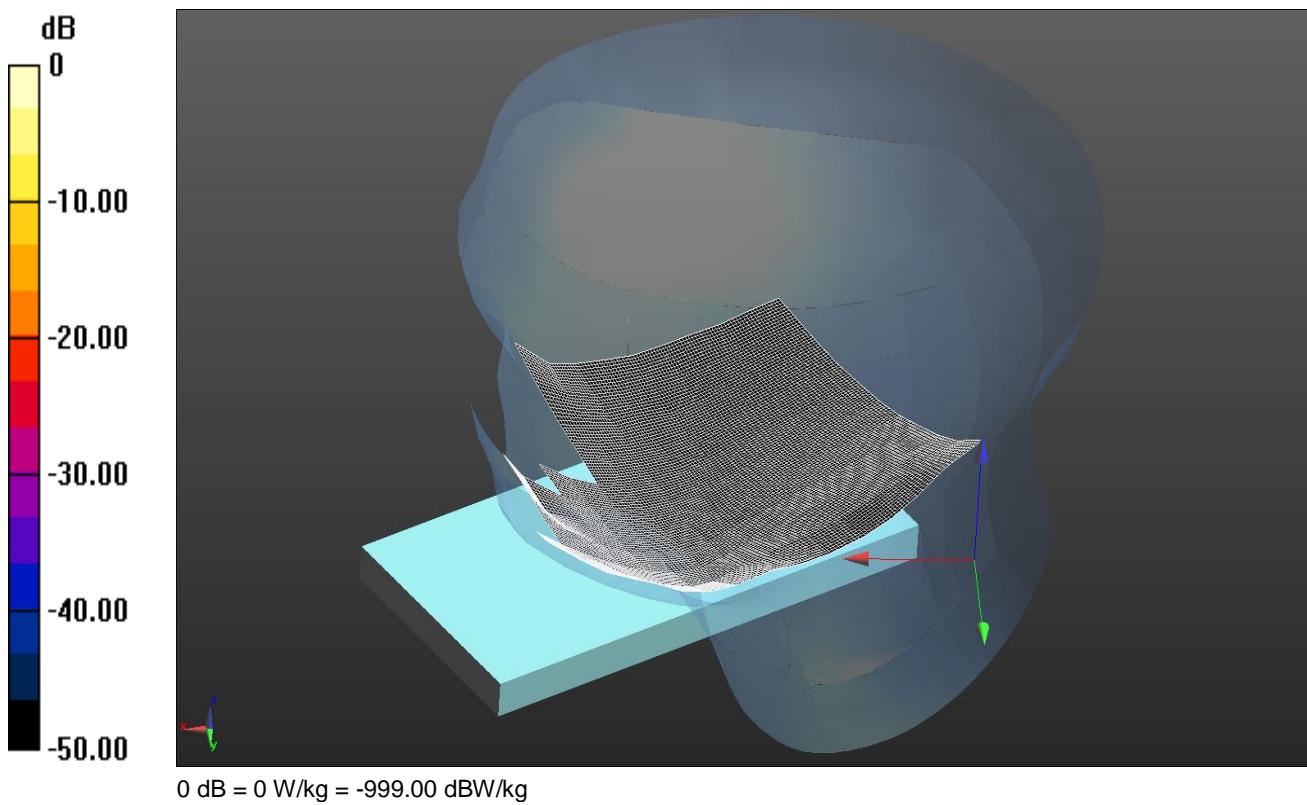
Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00601 W/kg

Maximum value of SAR (measured) = 0.0266 W/kg

Date: 28/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 37.963$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right 50%RB Middle - Head - PBx 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

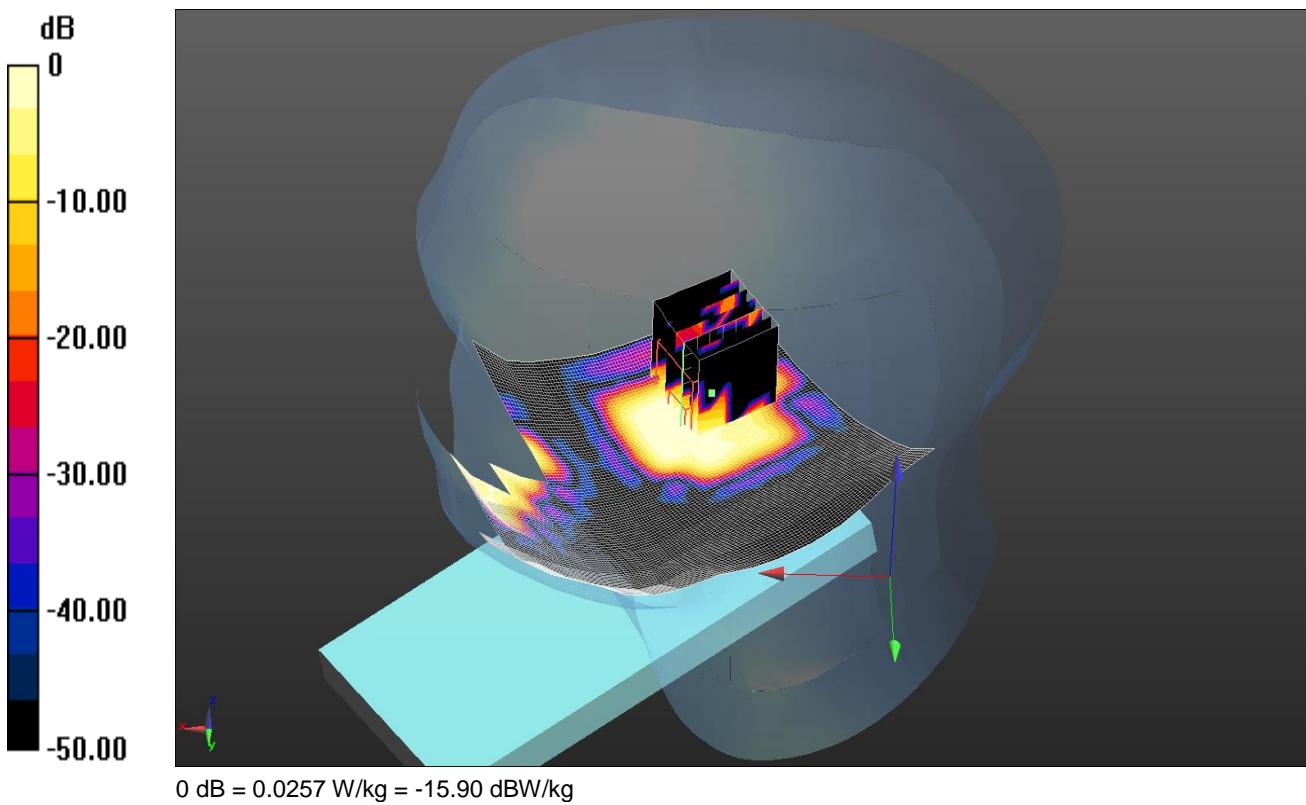
Configuration/Touch Right 50%RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 0 V/m; Power Drift = 999.00 dB

Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg

Date: 28/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 38.232$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Right 1RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0469 W/kg

Configuration/Tilt Right 1RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0710 W/kg

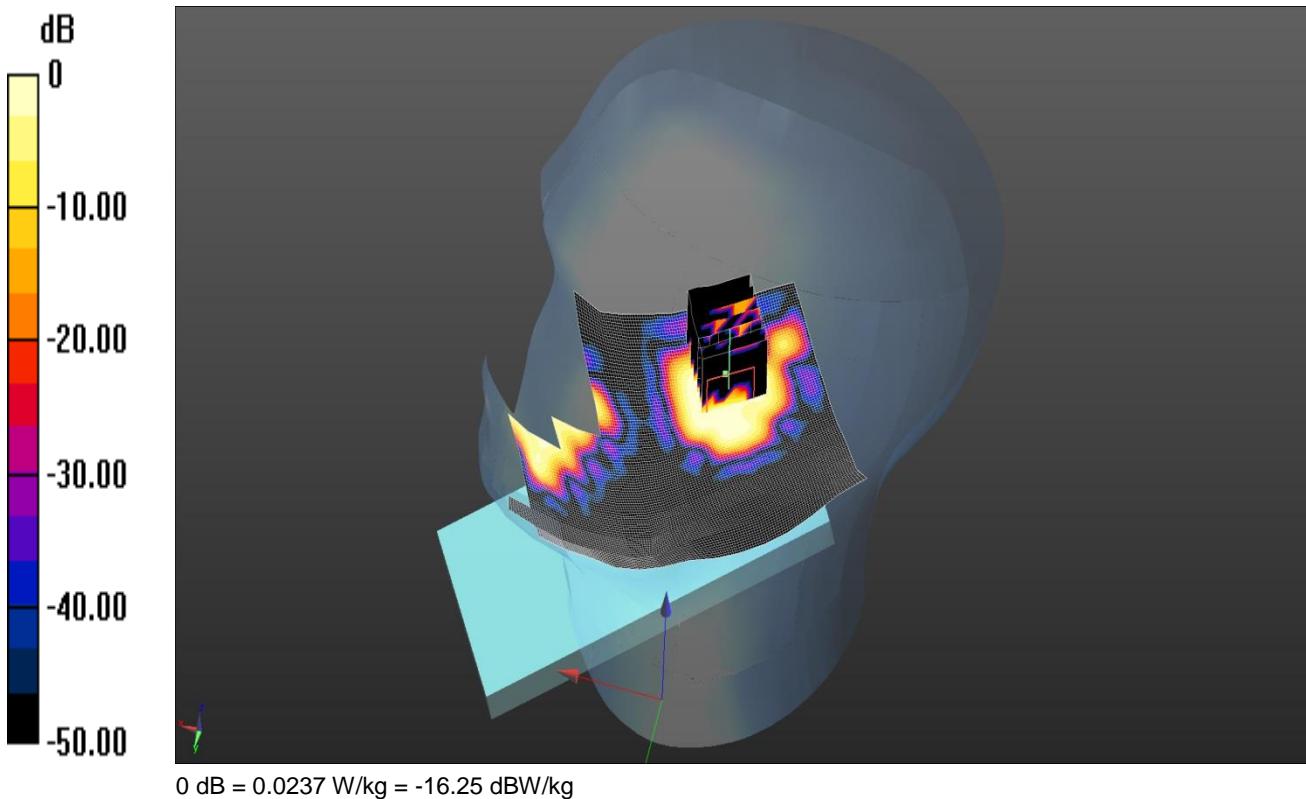
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00391 W/kg

Maximum value of SAR (measured) = 0.0257 W/kg

SAR/312: Tilt Right LTE Band 41 20MHz 50%RB Middle CH41490

Date: 28/04/2016

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



Communication System: UID 0, LTE TDD Bands (20MHz Channel BW) (0); Frequency: 2680 MHz; Duty Cycle: 1:1.57036
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 37.963$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Right 50%RB Middle - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0369 W/kg

Configuration/Tilt Right 50%RB Middle - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.992 V/m; Power Drift = 1.19 dB

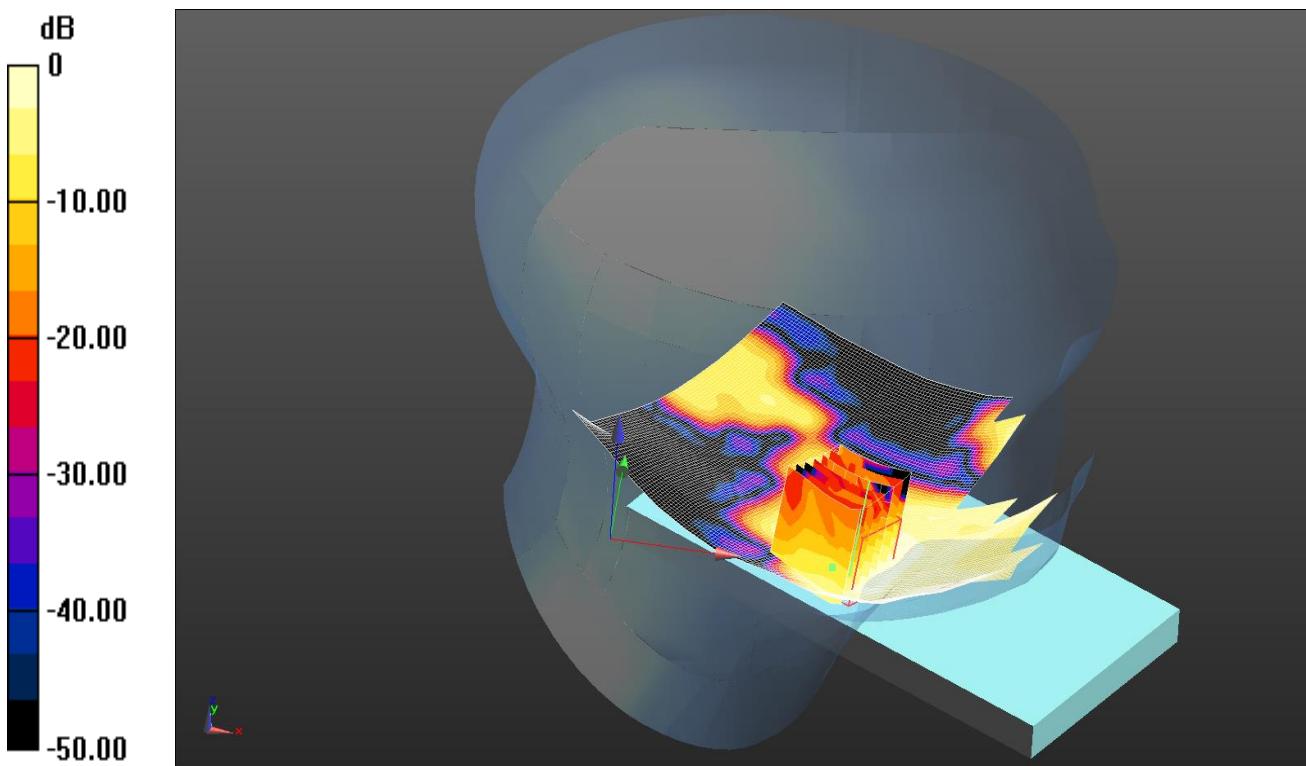
Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00453 W/kg

Maximum value of SAR (measured) = 0.0237 W/kg

Date: 29/04/2016

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



0 dB = 0.0472 W/kg = -13.26 dBW/kg

Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2506 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2506 \text{ MHz}$; $\sigma = 1.876 \text{ S/m}$; $\epsilon_r = 38.557$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0433 W/kg

Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.124 V/m; Power Drift = 0.89 dB

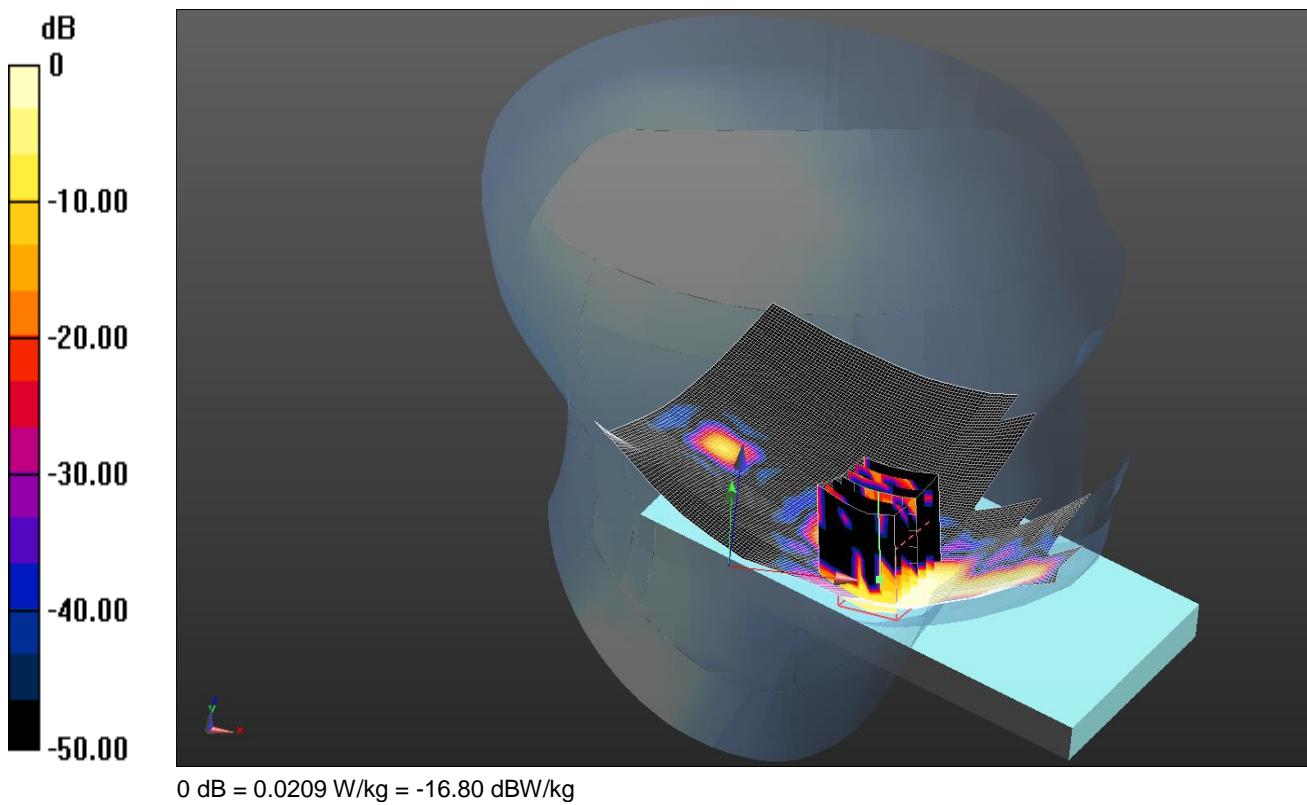
Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0472 W/kg

Date: 29/04/2016

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



Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 37.963$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.661 V/m; Power Drift = 6.34 dB

Peak SAR (extrapolated) = 0.0540 W/kg

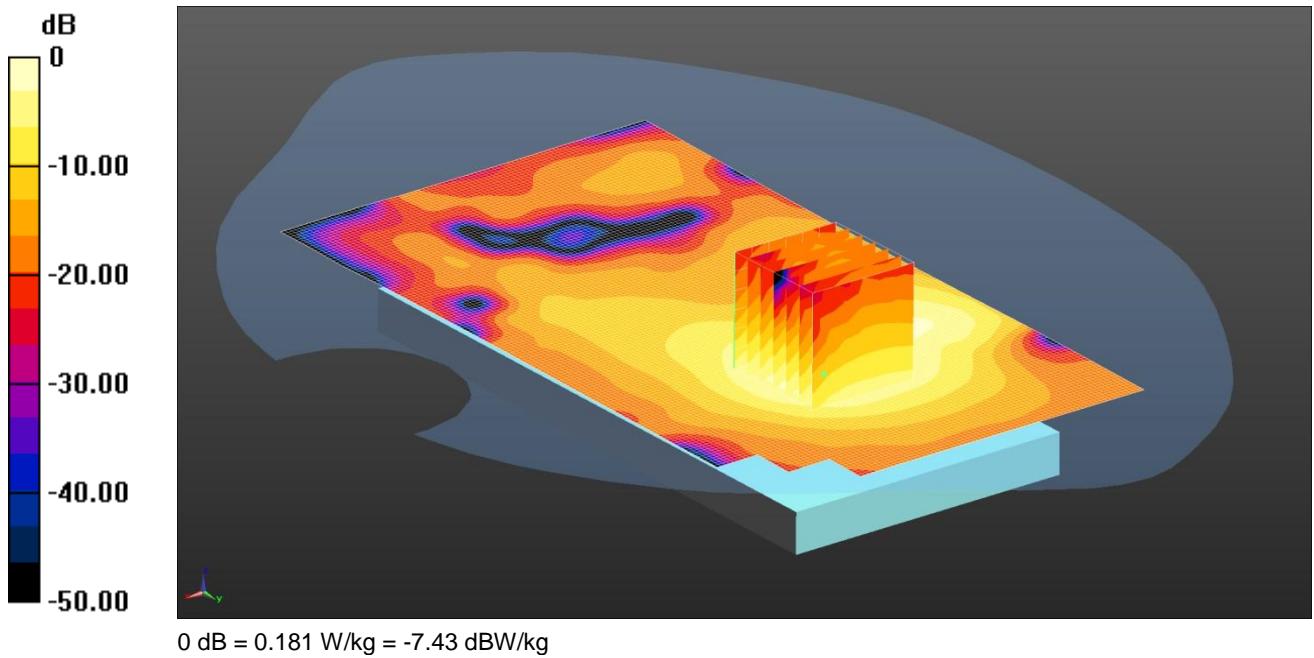
SAR(1 g) = 0.00948 W/kg; SAR(10 g) = 0.00366 W/kg

Maximum value of SAR (measured) = 0.0209 W/kg

SAR/315: Front of EUT Hotspot LTE Band 41 1RB Mid CH40620x

Date: 12/05/2016

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



0 dB = 0.181 W/kg = -7.43 dBW/kg

Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593 \text{ MHz}$; $\sigma = 2.162 \text{ S/m}$; $\epsilon_r = 50.484$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Front 1RB Middle - Hotspot - PBx/Area Scan (91x161x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.181 W/kg

Configuration/Front 1RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$,
 $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.427 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.274 W/kg

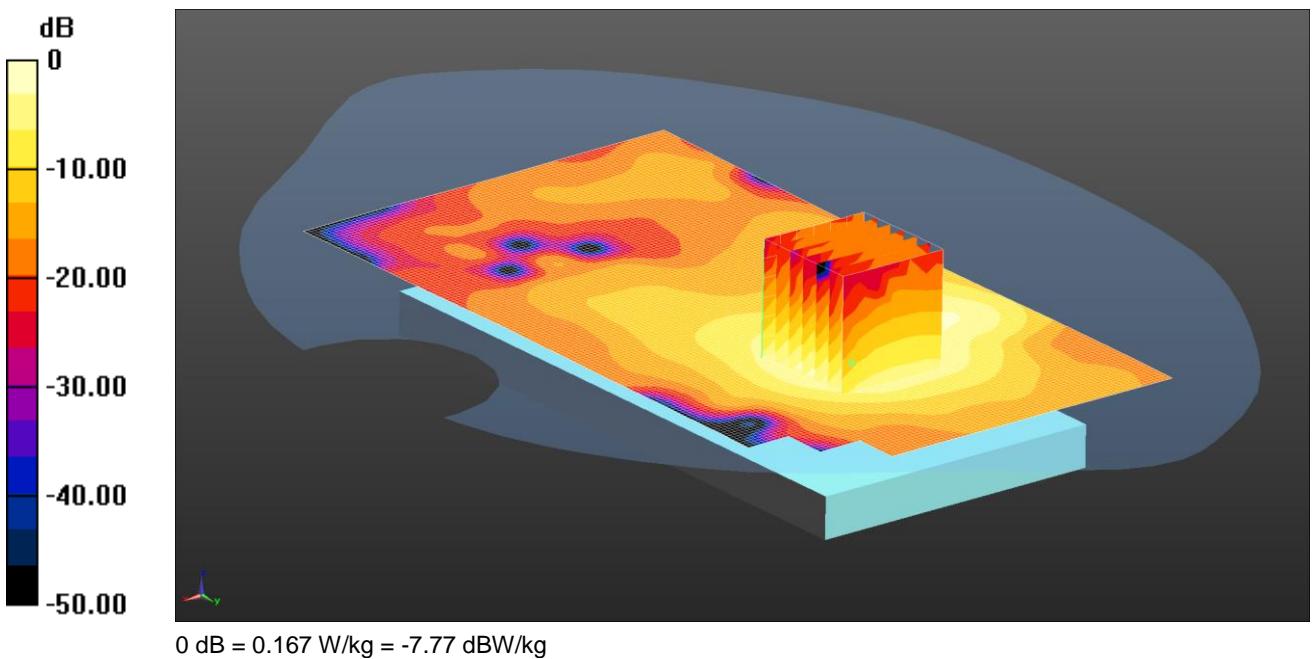
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.069 W/kg

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

SAR/316: Front of EUT Hotspot LTE Band 41 50%RB Mid CH41490x

Date: 12/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.264$ S/m; $\epsilon_r = 50.252$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Front 50%RB Middle - Hotspot - PBx/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.167 W/kg

Configuration/Front 50%RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.303 V/m; Power Drift = -0.15 dB

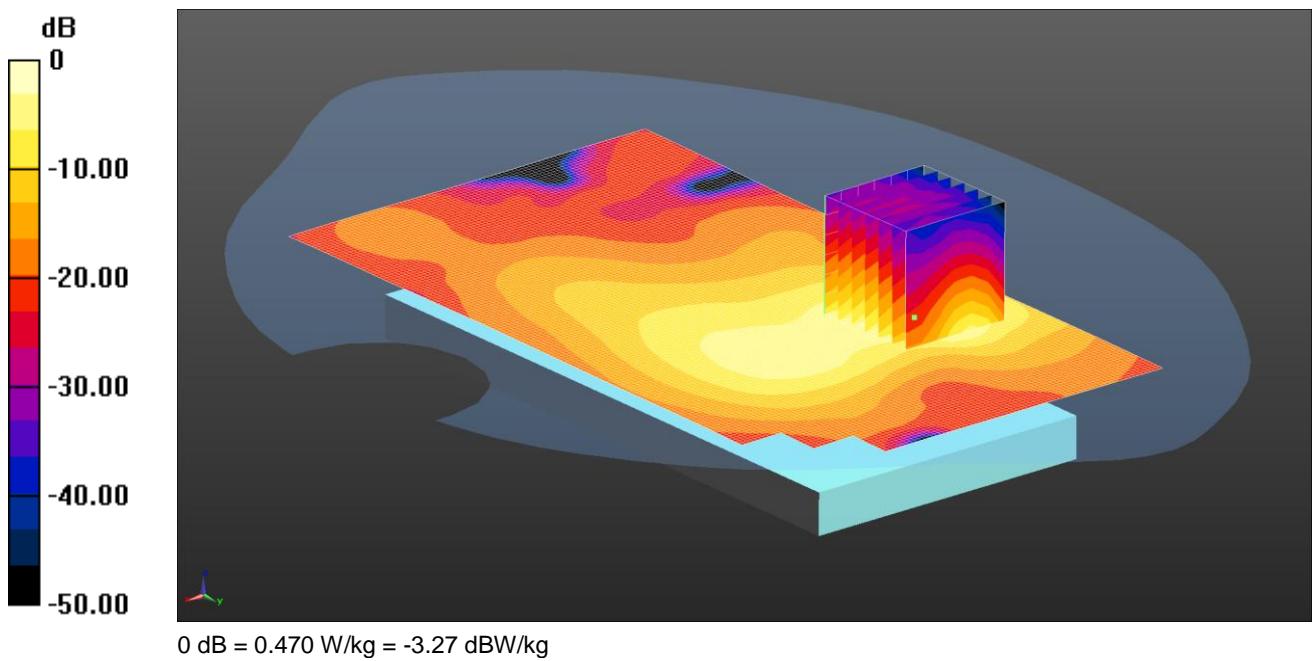
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.164 W/kg

Date: 12/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.162$ S/m; $\epsilon_r = 50.484$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back 1RB Middle - Hotspot - PBx/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.470 W/kg

Configuration/Back 1RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.651 V/m; Power Drift = 0.15 dB

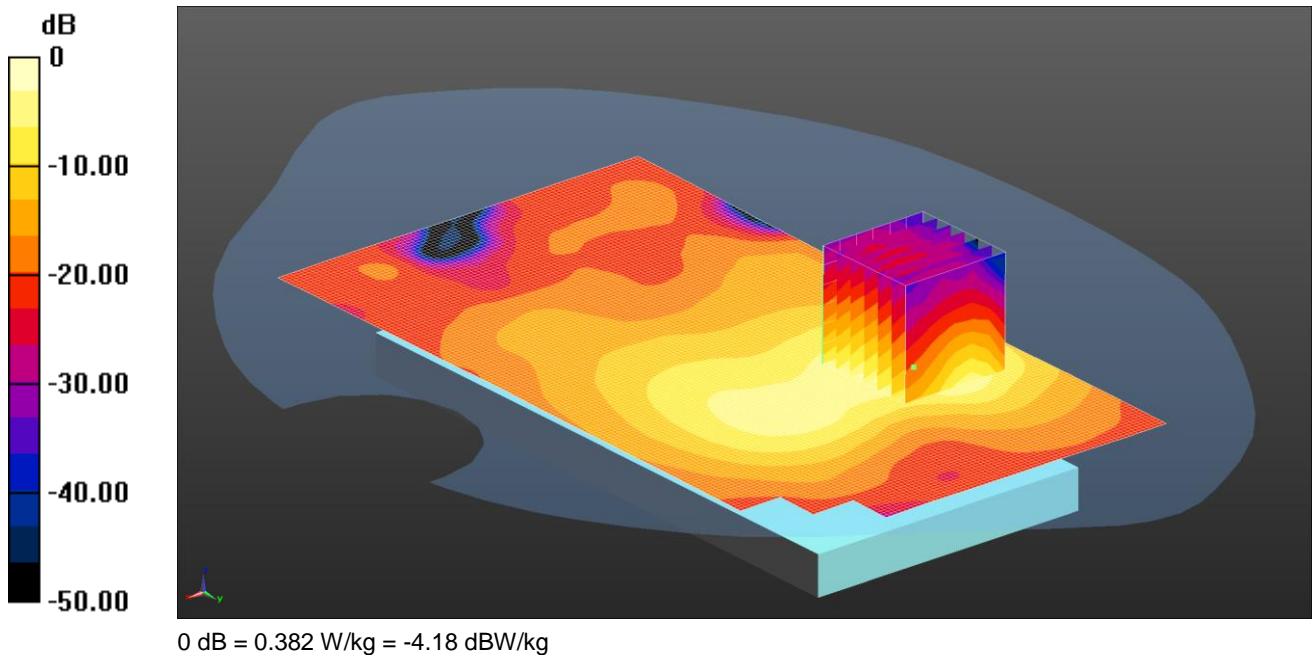
Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.475 W/kg

Date: 12/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.264$ S/m; $\epsilon_r = 50.252$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

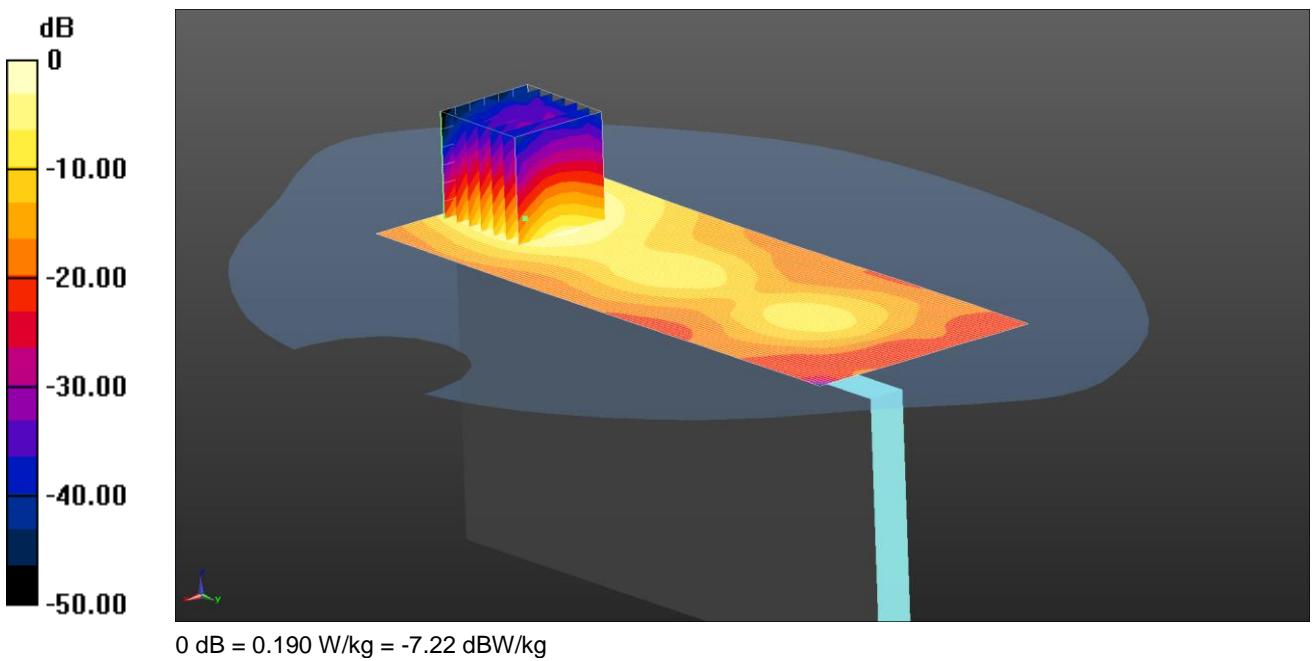
Configuration/Back 50%RB Middle - Hotspot - PBx/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

Configuration/Back 50%RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.362 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.127 W/kg

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

Date: 19/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.162$ S/m; $\epsilon_r = 50.484$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Left 1RB Middle - Hotspot - PBx/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.190 W/kg

Configuration/Left 1RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.550 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.287 W/kg

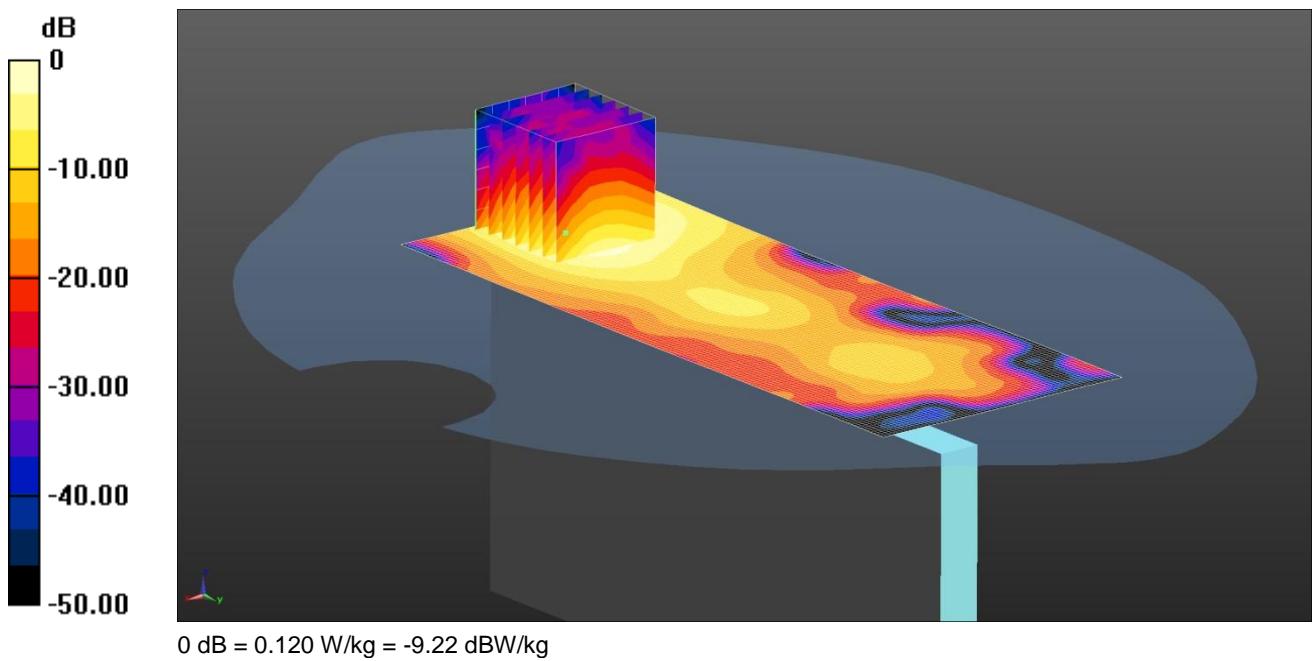
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.185 W/kg

SAR/320: Left of EUT Hotspot LTE Band 41 50%RB Mid CH41490x

Date: 19/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.264$ S/m; $\epsilon_r = 50.252$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Left 50%RB Middle - Hotspot - PBx/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Configuration/Left 50%RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.482 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.194 W/kg

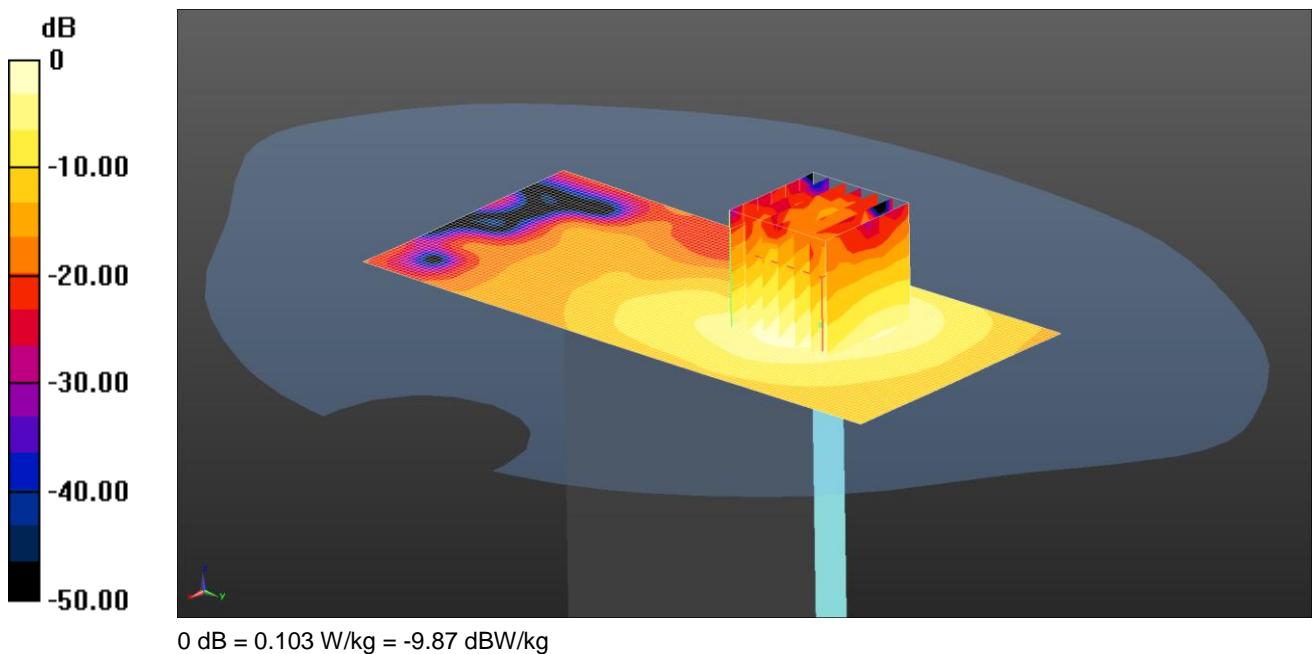
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.041 W/kg

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

SAR/321: Bottom of EUT Hotspot LTE Band 41 1RB Mid CH40620x

Date: 19/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.162$ S/m; $\epsilon_r = 50.484$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Bottom 1RB Middle - Hotspot - PBx 2/Area Scan (61x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Configuration/Bottom 1RB Middle - Hotspot - PBx 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.623 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.164 W/kg

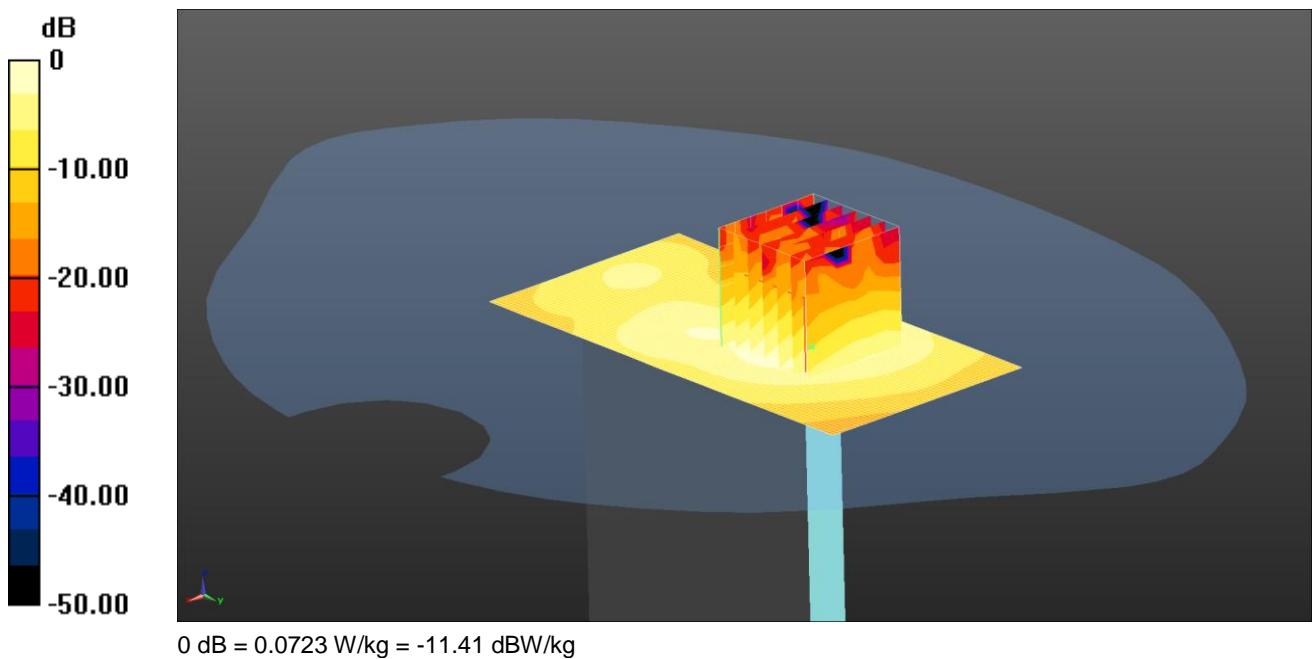
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.038 W/kg

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

SAR/322: Bottom of EUT Hotspot LTE Band 41 50%RB Mid CH41490x

Date: 19/05/2016

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



Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2680 \text{ MHz}$; $\sigma = 2.264 \text{ S/m}$; $\epsilon_r = 50.252$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Bottom 50%RB Middle - Hotspot - PBx/Area Scan (51x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0723 W/kg

Configuration/Bottom 50%RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.541 V/m; Power Drift = 0.11 dB

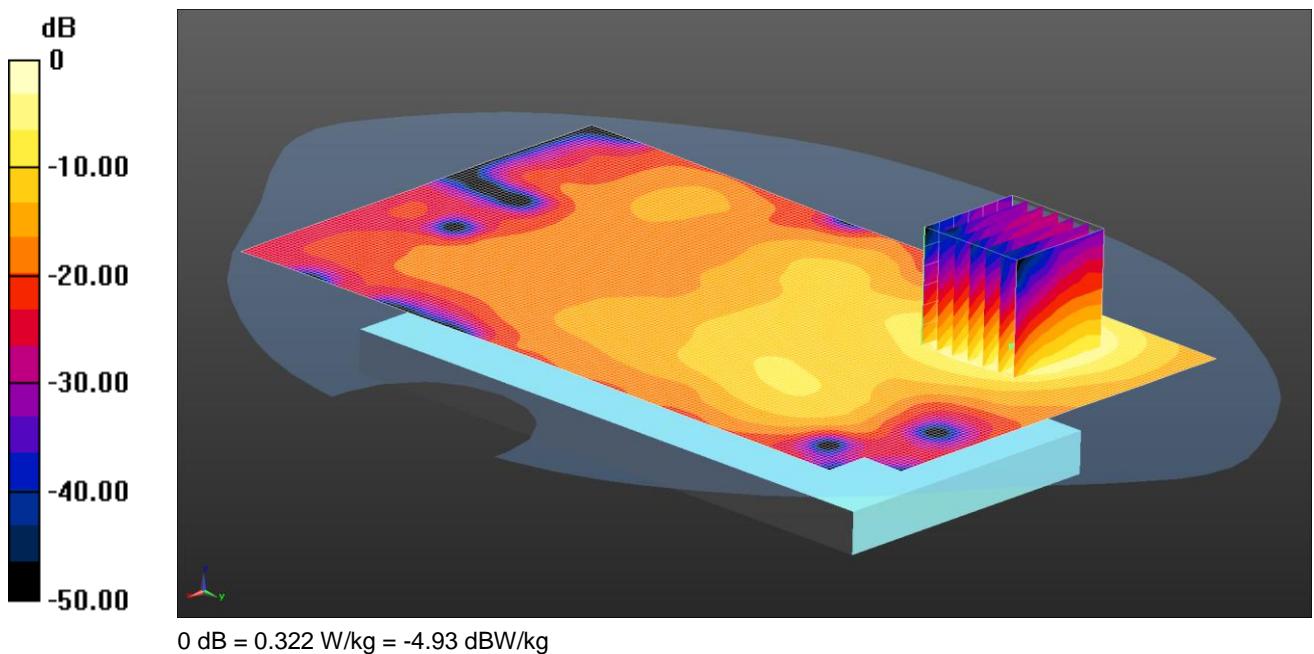
Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0706 W/kg

Date: 19/05/2016

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



0 dB = 0.322 W/kg = -4.93 dBW/kg

Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2506 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2506 \text{ MHz}$; $\sigma = 2.064 \text{ S/m}$; $\epsilon_r = 50.715$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back 1RB Middle - Hotspot - PBx/Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Configuration/Back 1RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.530 V/m; Power Drift = 0.04 dB

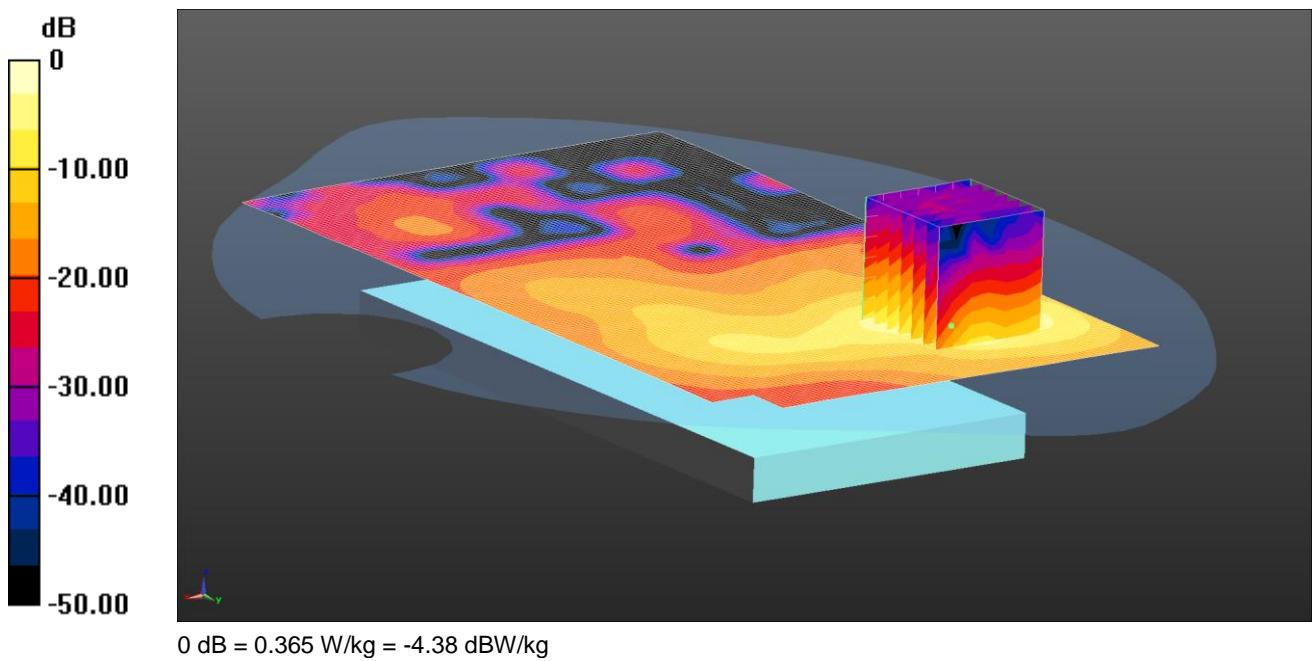
Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.121 W/kg

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

Date: 19/05/2016

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



0 dB = 0.365 W/kg = -4.38 dBW/kg

Communication System: UID 0, LTE TDD Bands (Duty Cycle 43%) (0); Frequency: 2680 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.264$ S/m; $\epsilon_r = 50.252$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1); Calibrated: 25/08/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back 1RB Middle - Hotspot - PBx/Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.365 W/kg

Configuration/Back 1RB Middle - Hotspot - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.311 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.629 W/kg

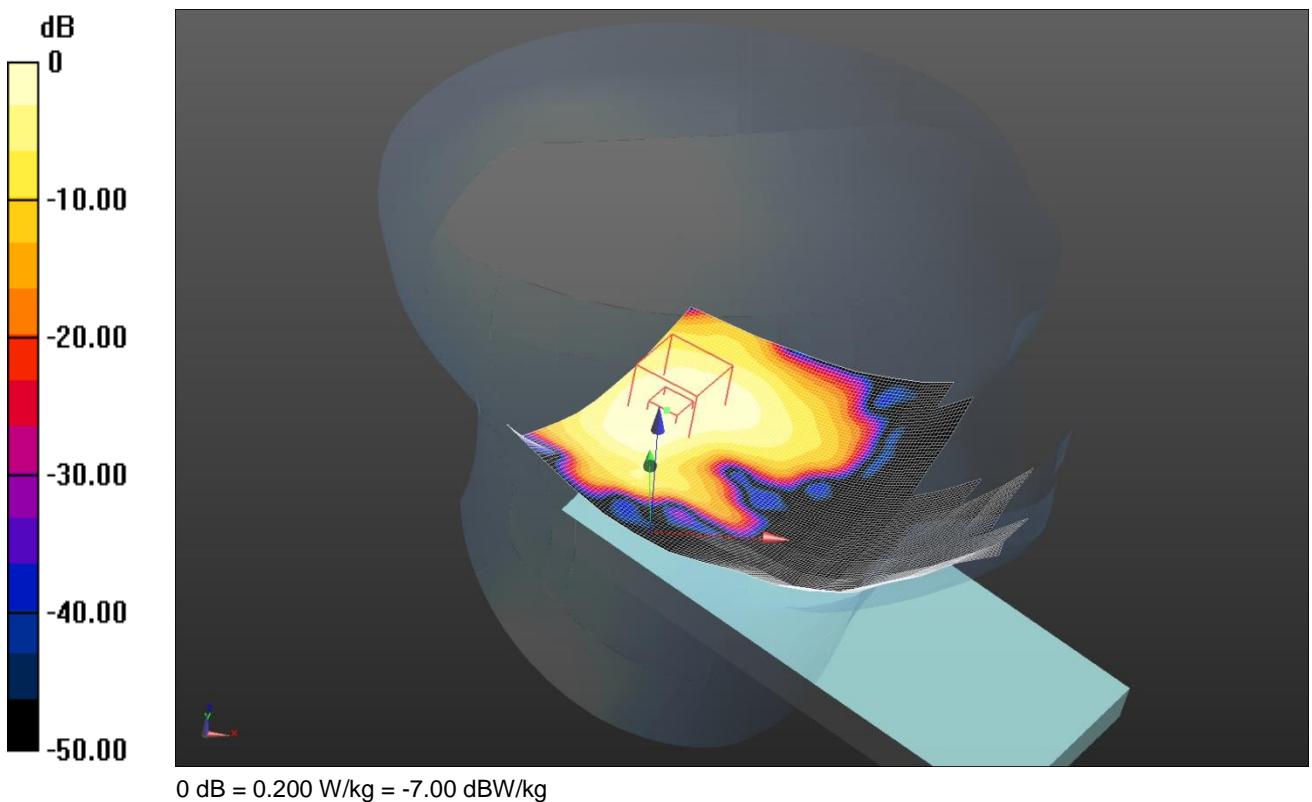
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.351 W/kg

SAR/325: Touch Left WLAN 2.4GHz 802.11b 6Mbps MIMO Ant 1&2 CH6

Date: 20/04/2016

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



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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 37.894$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

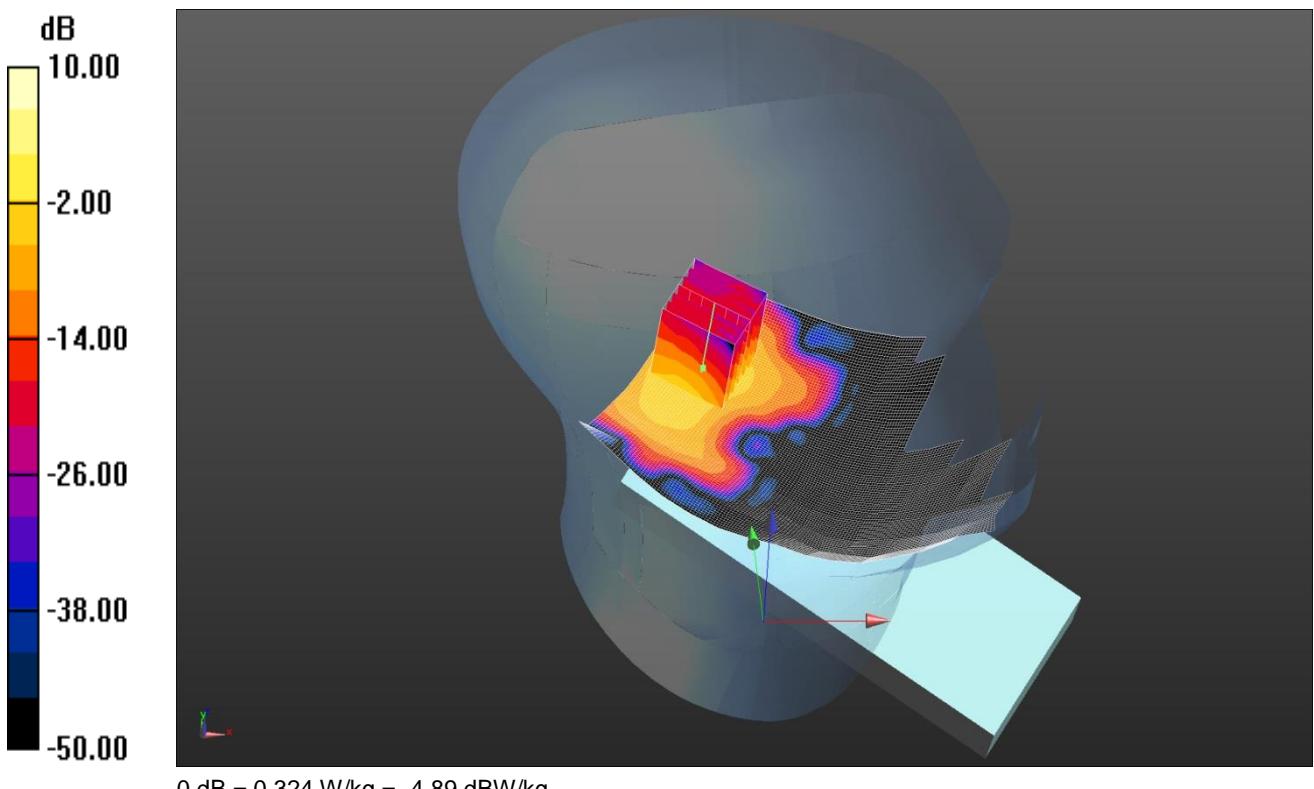
Reference Value = 11.409 V/m; Power Drift = 0.11 dB

Fast SAR: SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (interpolated) = 0.200 W/kg

Date: 20/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2A1P8I



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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.774 \text{ S/m}$; $\epsilon_r = 37.894$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/7/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/8/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.215 W/kg

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Ant1 Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.40 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.487 W/kg

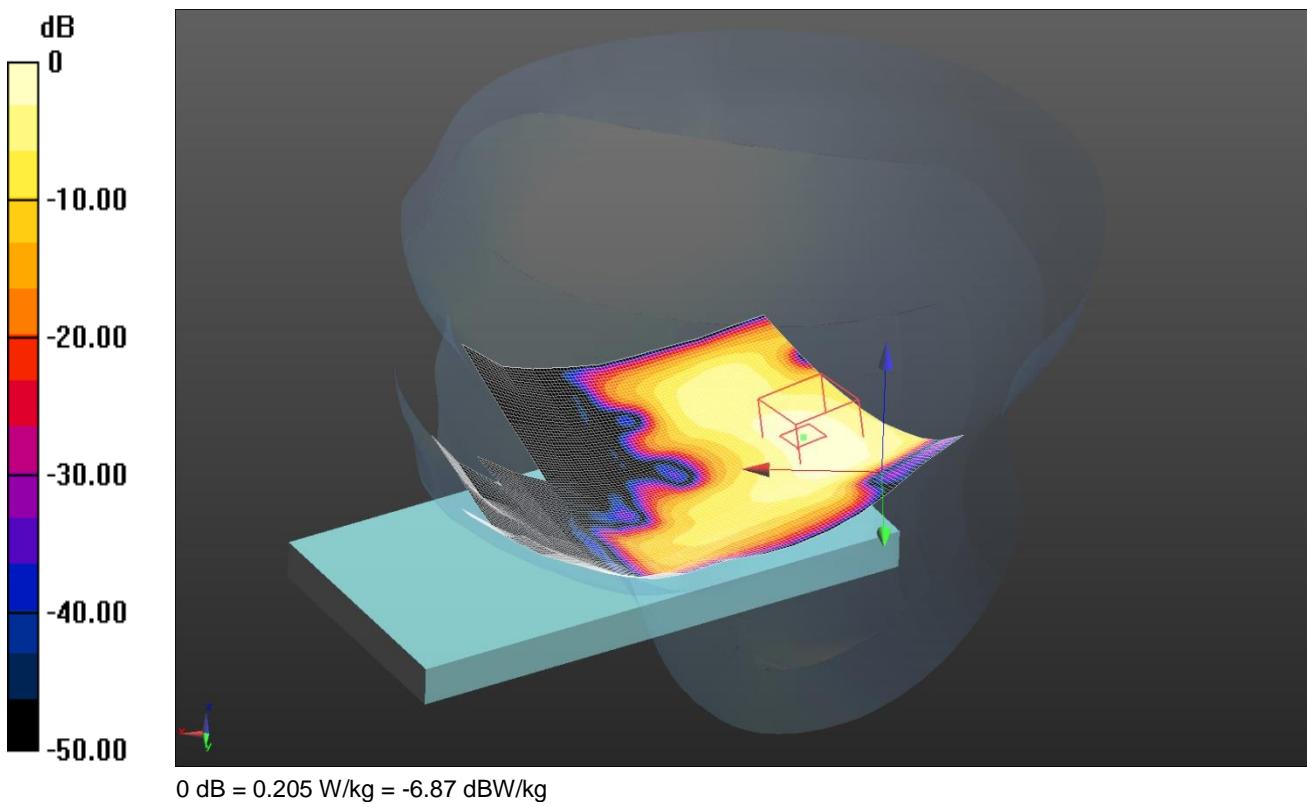
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.324 W/kg

SAR/327: Touch Right WLAN 2.4GHz 802.11b 6MBps MIMO Ant 1&2 CH6

Date: 20/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2A1P8I



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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 37.894$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 10.776 V/m; Power Drift = -0.03 dB

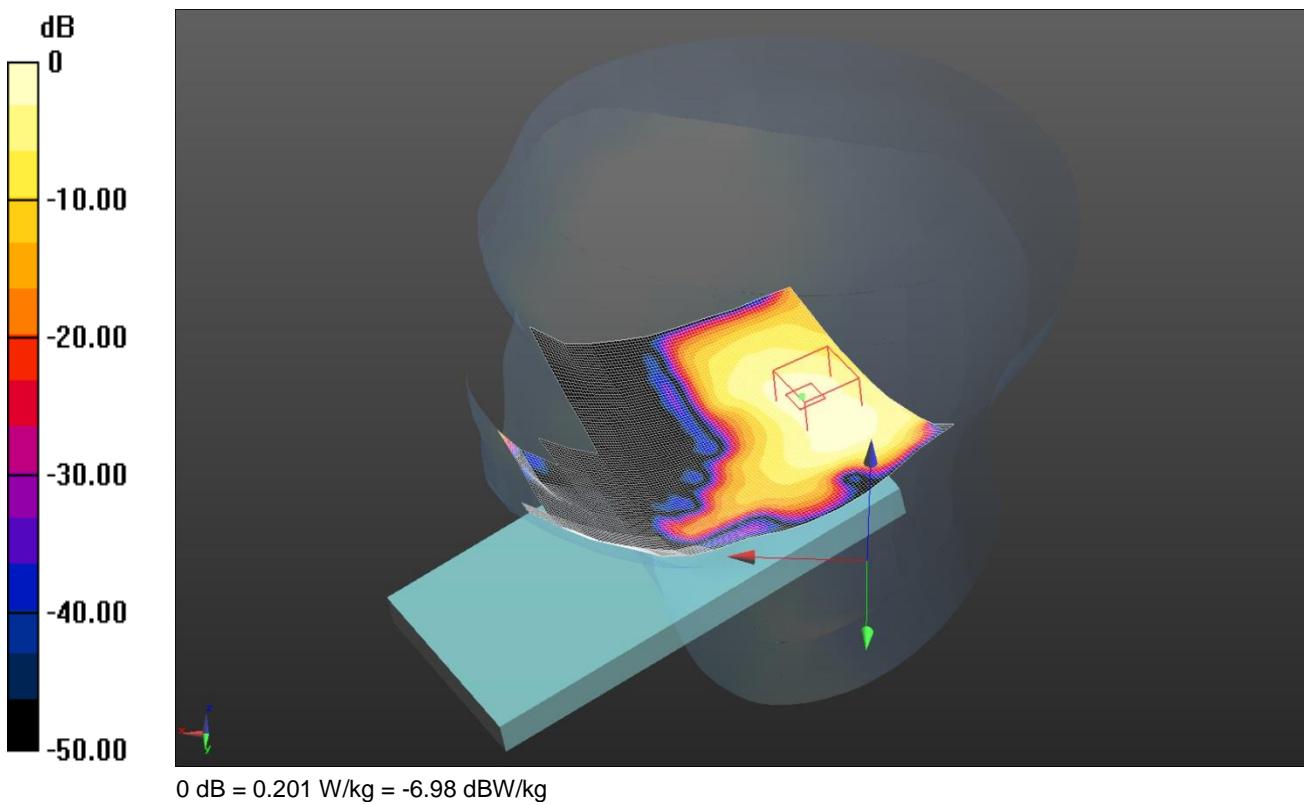
Fast SAR: SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (interpolated) = 0.205 W/kg

SAR/328: Tilt Right WLAN 2.4GHz 802.11b 6Mbps MIMO Ant 1&2 CH6

Date: 20/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2A1P8I



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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 37.894$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Right 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

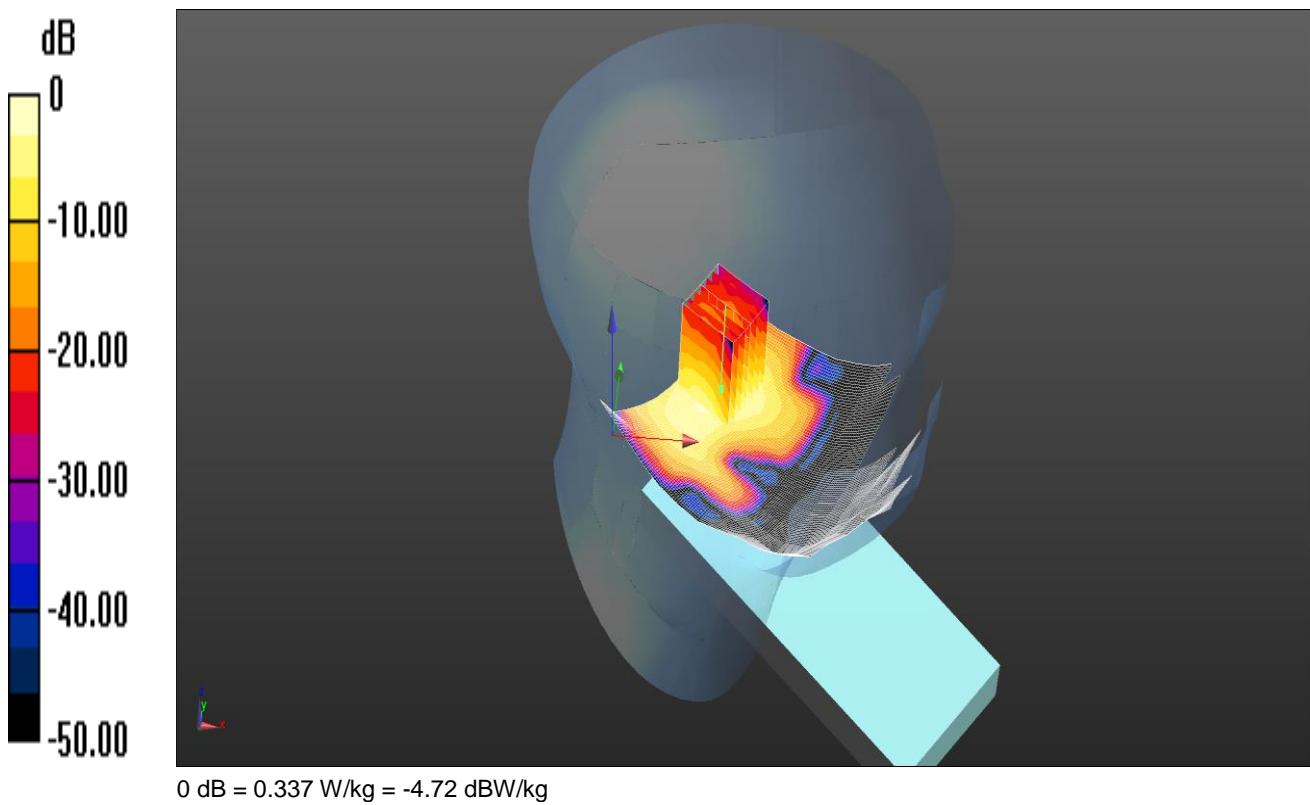
Reference Value = 11.407 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (interpolated) = 0.201 W/kg

Date: 20/04/2016

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



Communication System: UID 0, WLAN 802.11 (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 37.999$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Ant1 Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.669 V/m; Power Drift = -0.17 dB

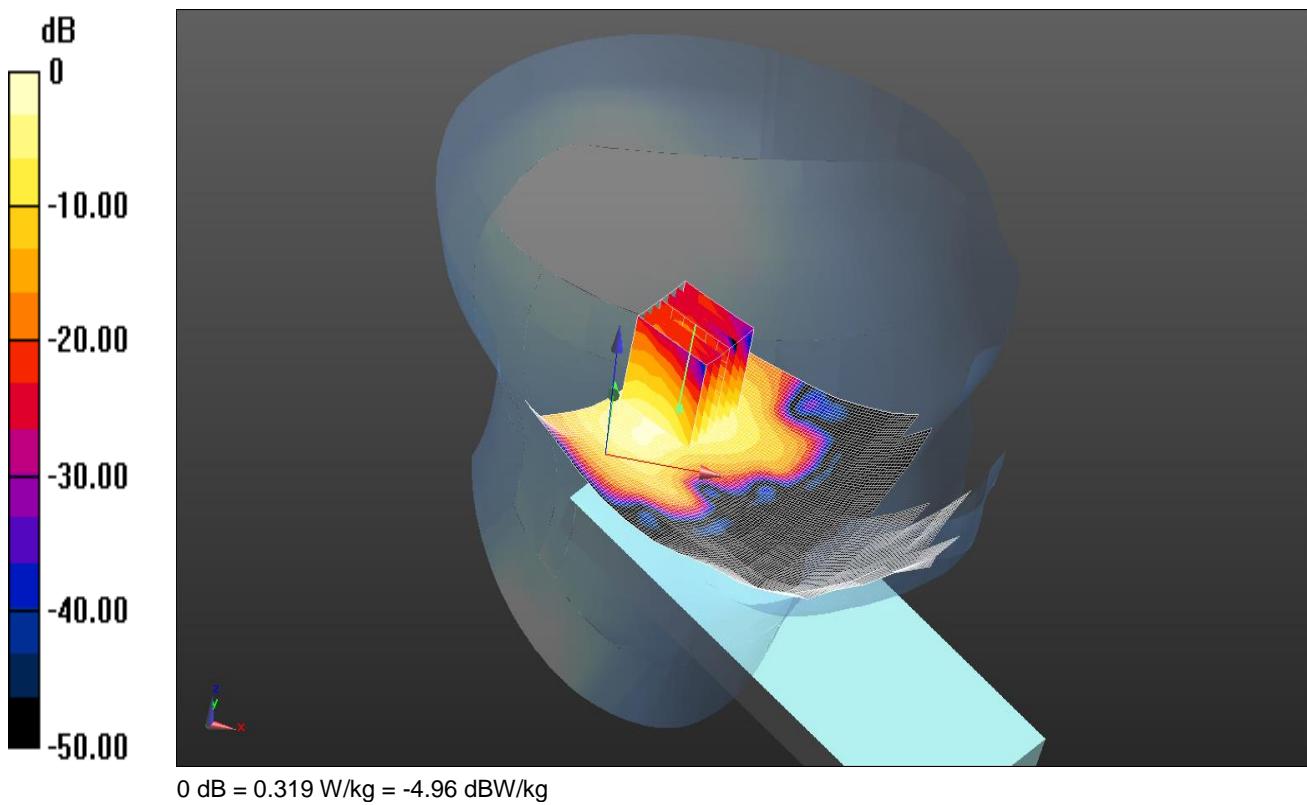
Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.337 W/kg

Date: 20/04/2016

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



Communication System: UID 0, WLAN 802.11 (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 37.779$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.42, 4.42, 4.42); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx/Ant1 Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.086 V/m; Power Drift = -0.16 dB

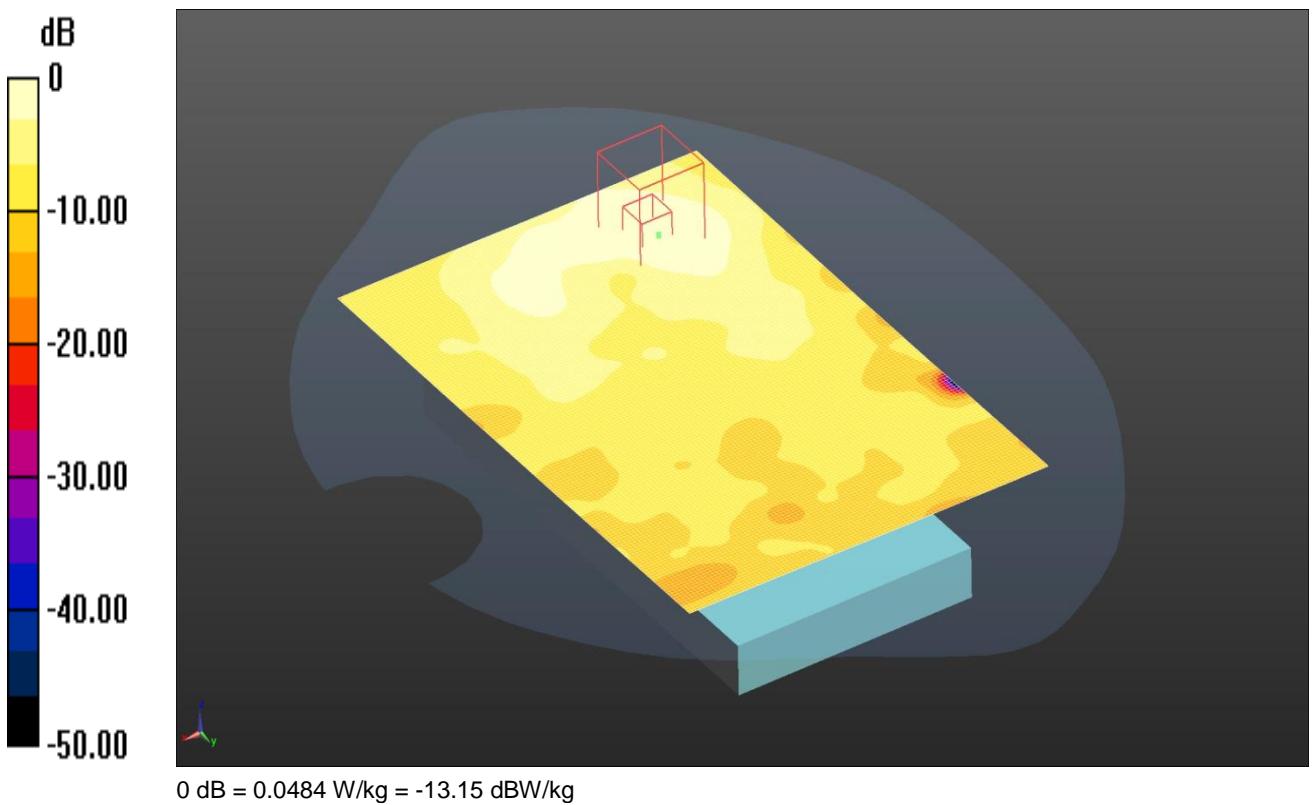
Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.319 W/kg

Date: 06/05/16

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



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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 51.935$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.04, 7.04, 7.04); Calibrated: 06/10/15;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn431; Calibrated: 17/11/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front 802.11b MIMO Ant 1&2 - Hotspot - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 5.394 V/m; Power Drift = -0.06 dB

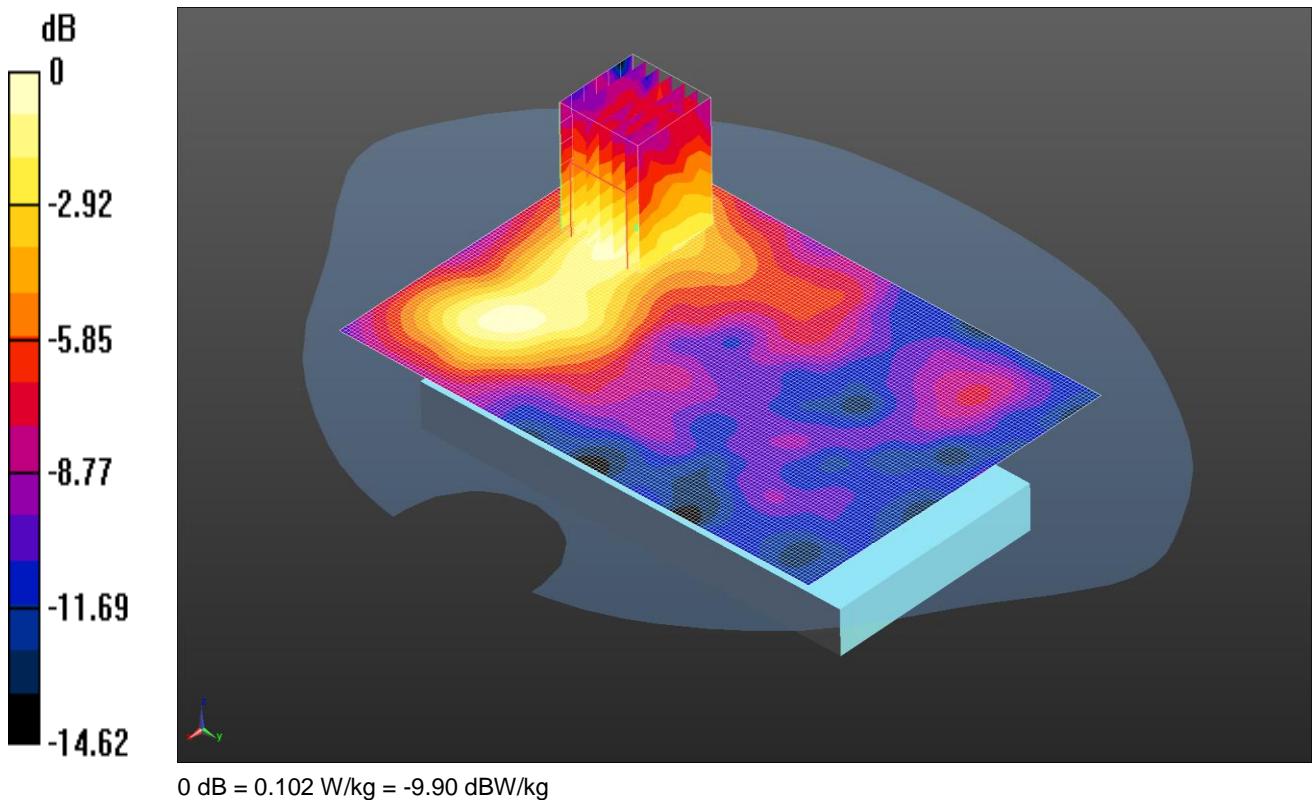
Fast SAR: SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (interpolated) = 0.0484 W/kg

SAR/332: Back of EUT Hotspot WiFi 802.11b 1Mbps MIMO 1&2 CH6

Date: 06/05/16

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



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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 2.009 \text{ S/m}$; $\epsilon_r = 51.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.04, 7.04, 7.04); Calibrated: 06/10/15;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn431; Calibrated: 17/11/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 802.11b MIMO Ant 1&2 - Hotspot - PBx/Area Scan (101x151x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

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

Configuration/Back 802.11b MIMO Ant 1&2 - Hotspot - PBx/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.640 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.048 W/kg

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