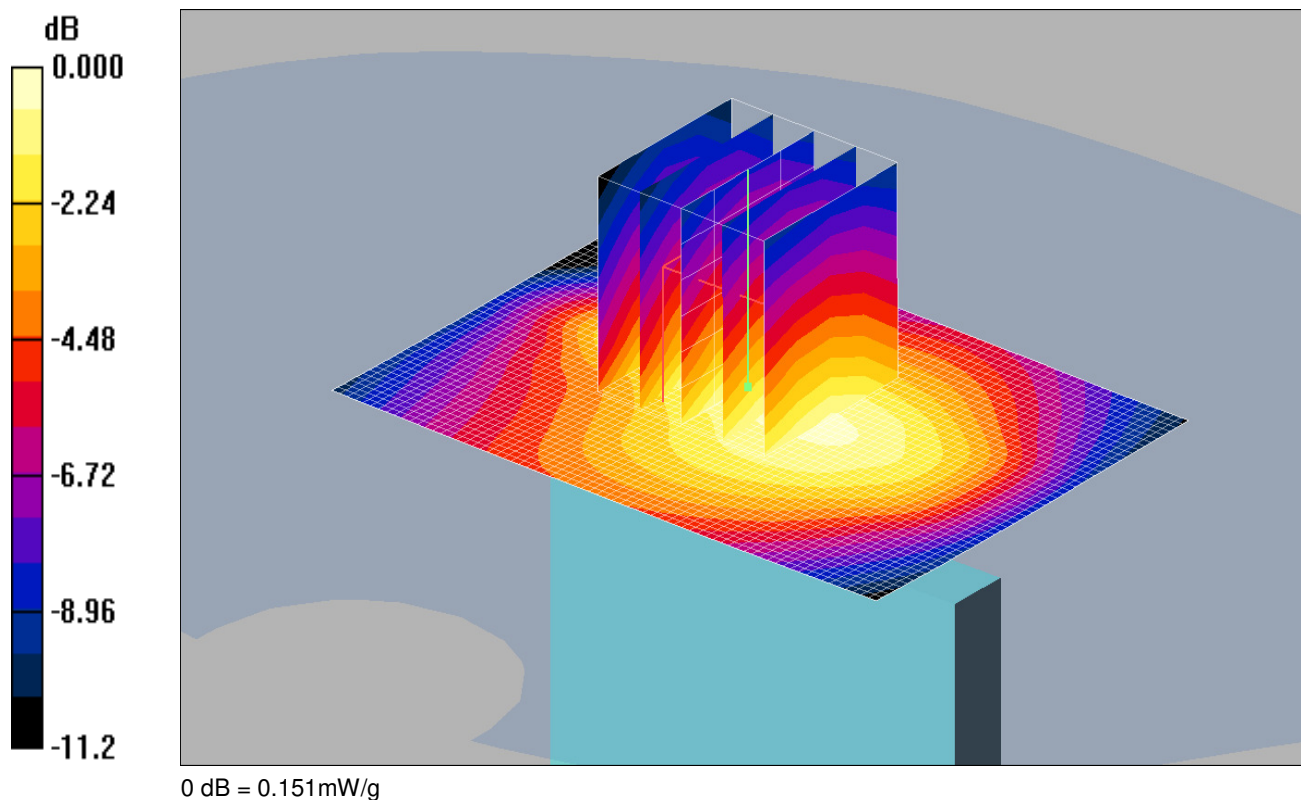


Date: 07/05/2016

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

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

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

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

Reference Value = 12.6 V/m; Power Drift = -0.095 dB

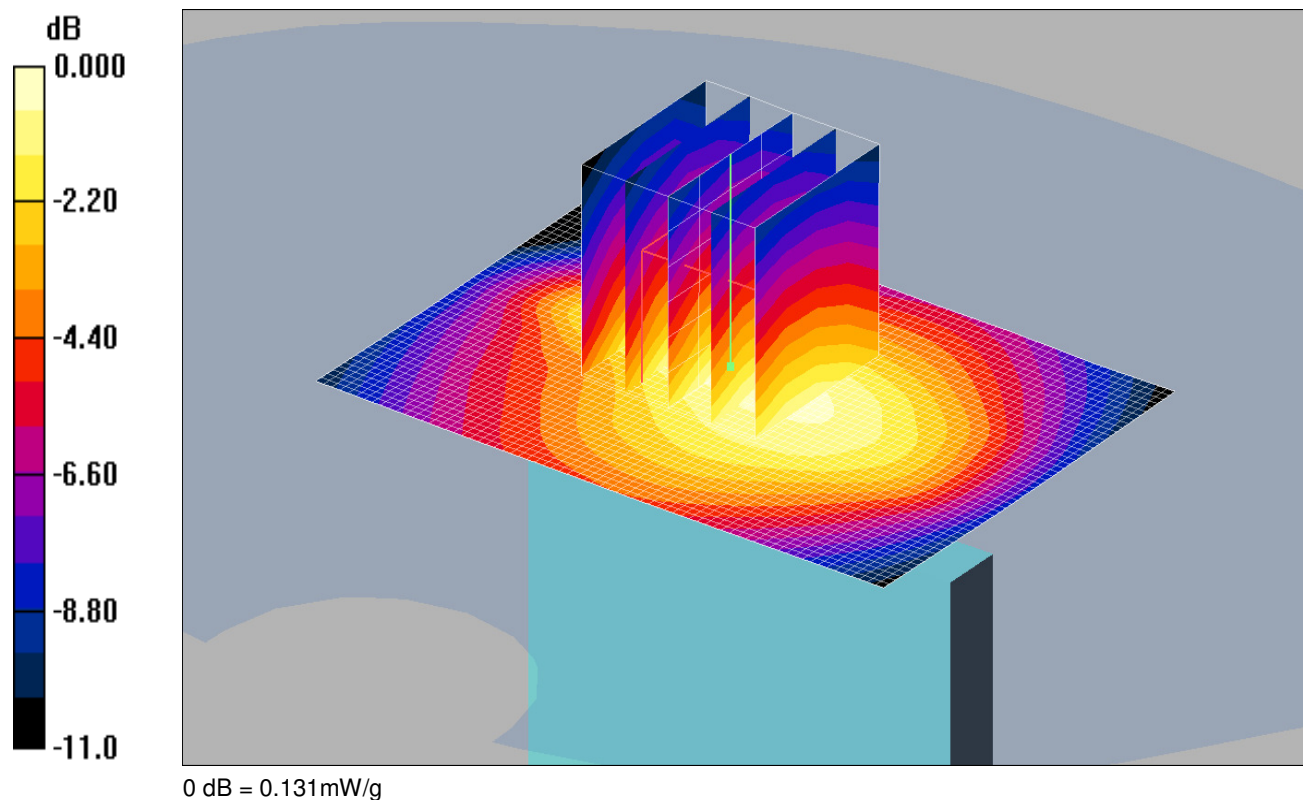
Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.151 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

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

Maximum value of SAR (interpolated) = 0.140 mW/g

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

Reference Value = 11.8 V/m; Power Drift = 0.152 dB

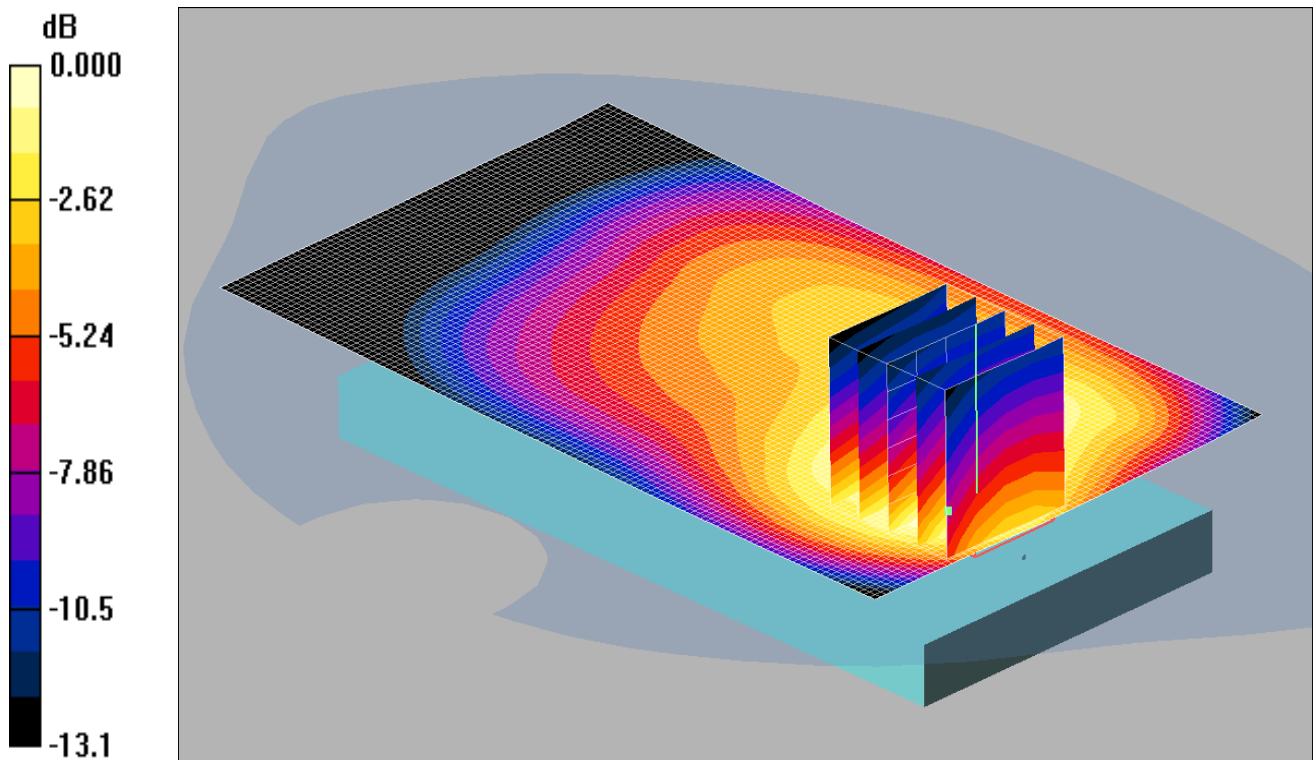
Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.074 mW/g

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

Date: 07/05/2016

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



0 dB = 0.485mW/g

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

Maximum value of SAR (interpolated) = 0.504 mW/g

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

Reference Value = 15.7 V/m; Power Drift = -0.041 dB

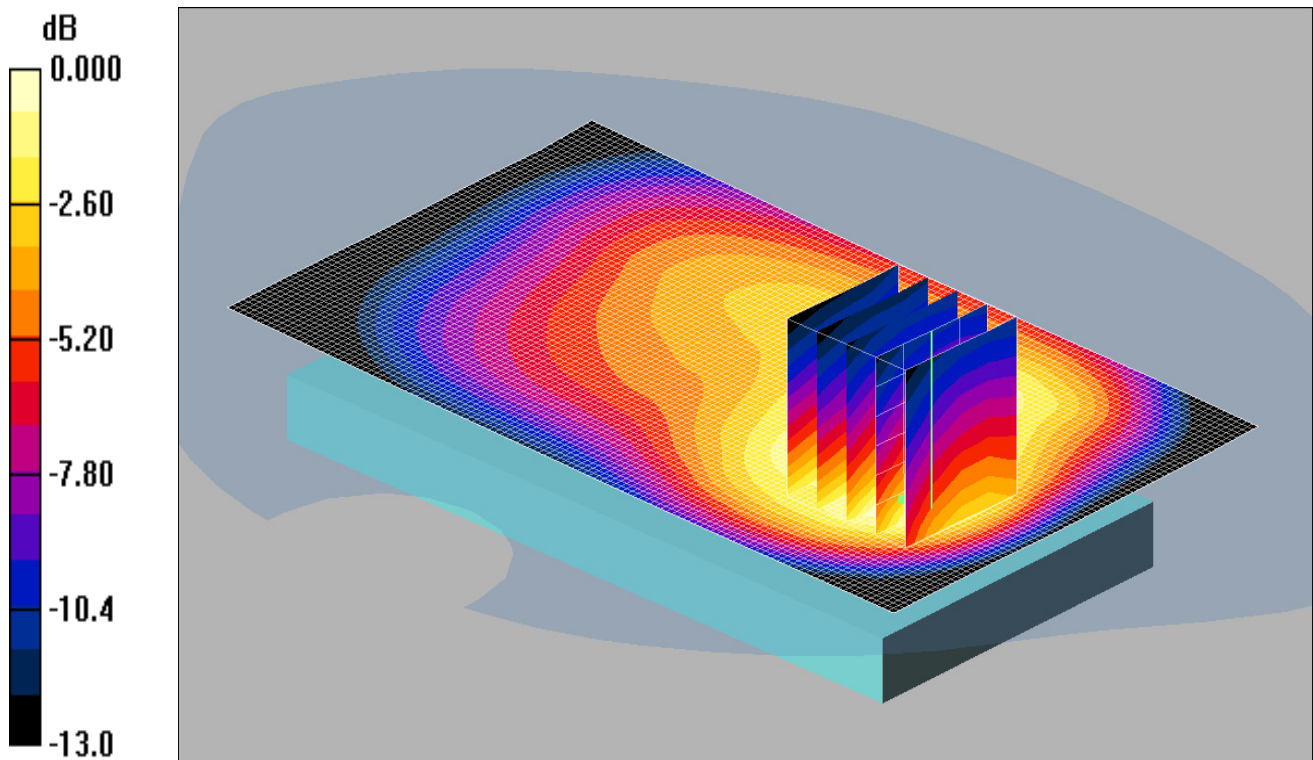
Peak SAR (extrapolated) = 0.961 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

Date: 07/05/2016

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



Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.988$ 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) = 0.548 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 = -0.064 dB

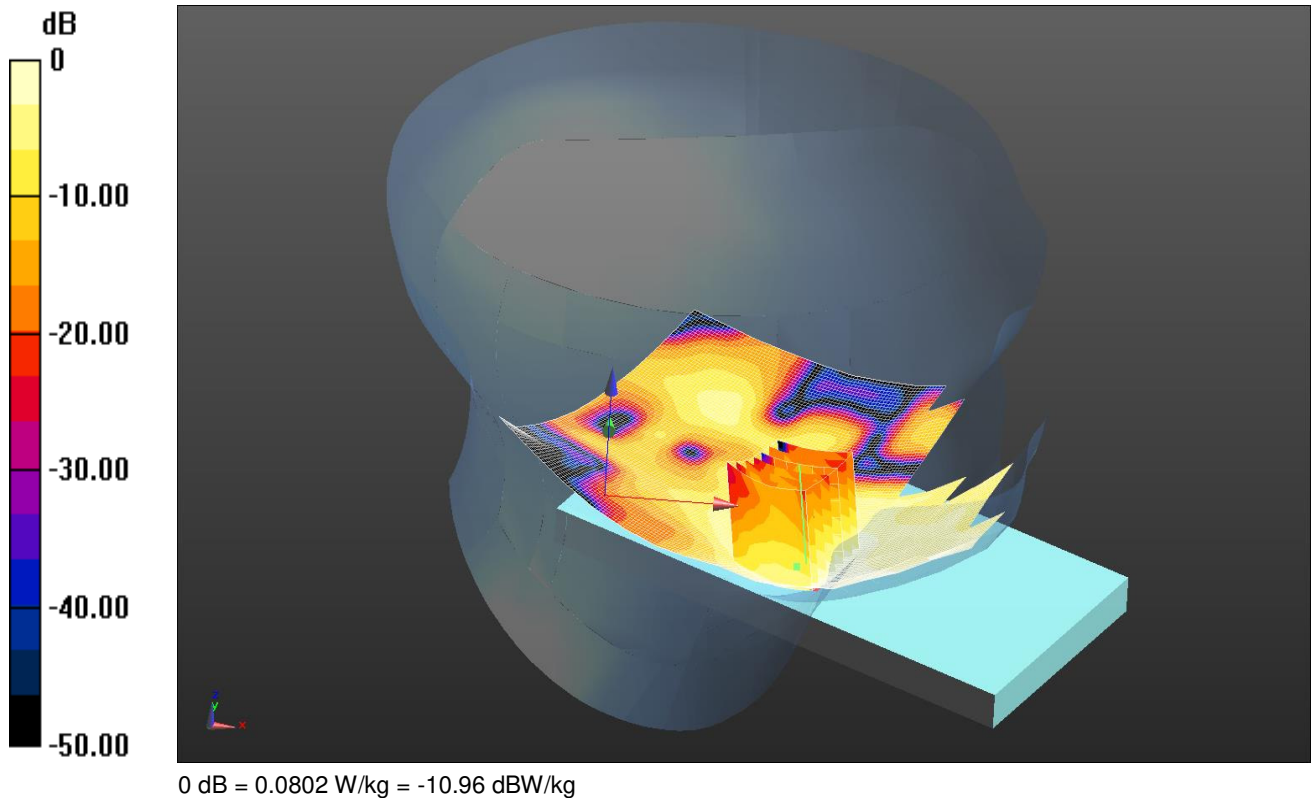
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.527 mW/g

Date: 07/04/2016

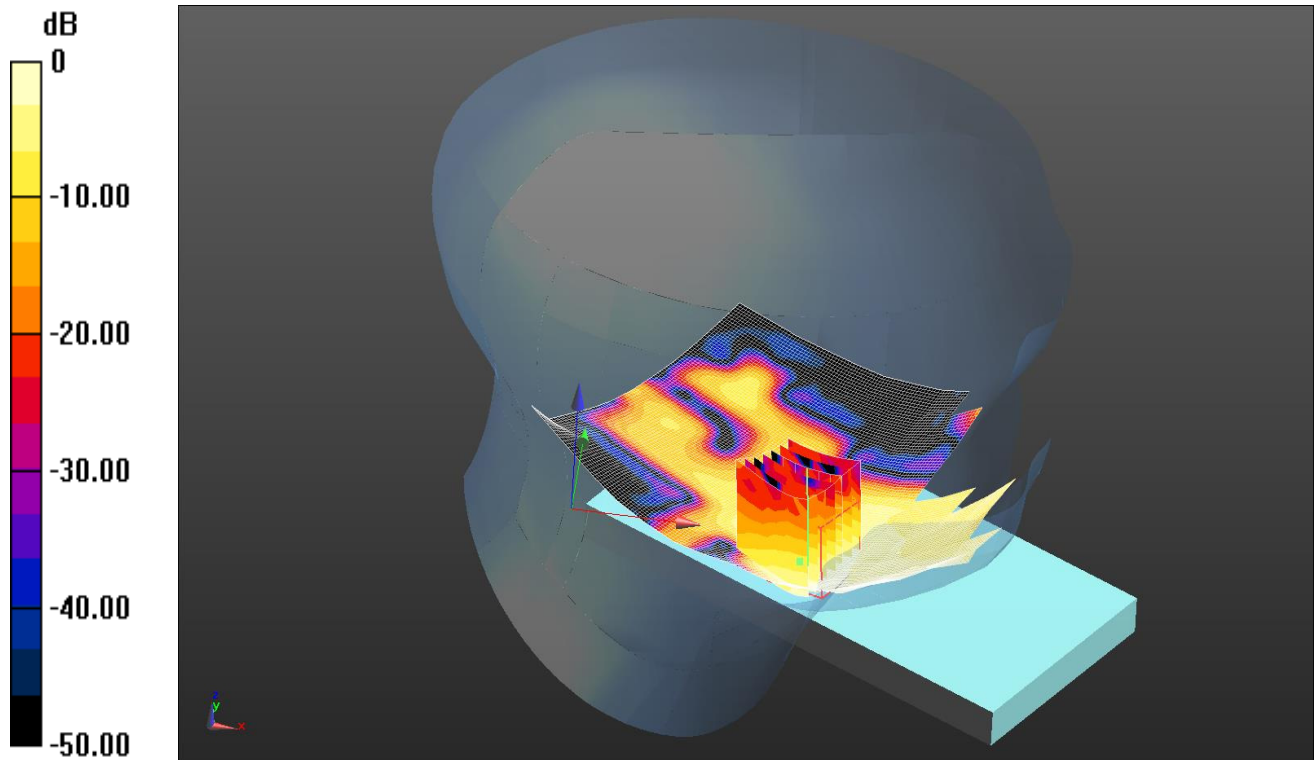
DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.743$; $\rho = 1000$ kg/m³
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(7.07, 7.07, 7.07); Calibrated: 21/03/2016;
- 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 - PBx/Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0936 W/kg
Configuration/Touch Left 1RB Low - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 5.726 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0802 W/kg

Date: 25/04/2016

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



0 dB = 0.0732 W/kg = -11.35 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 38.319$; $\rho = 1000$ 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 Low - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0592 W/kg

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

Reference Value = 3.294 V/m; Power Drift = 1.10 dB

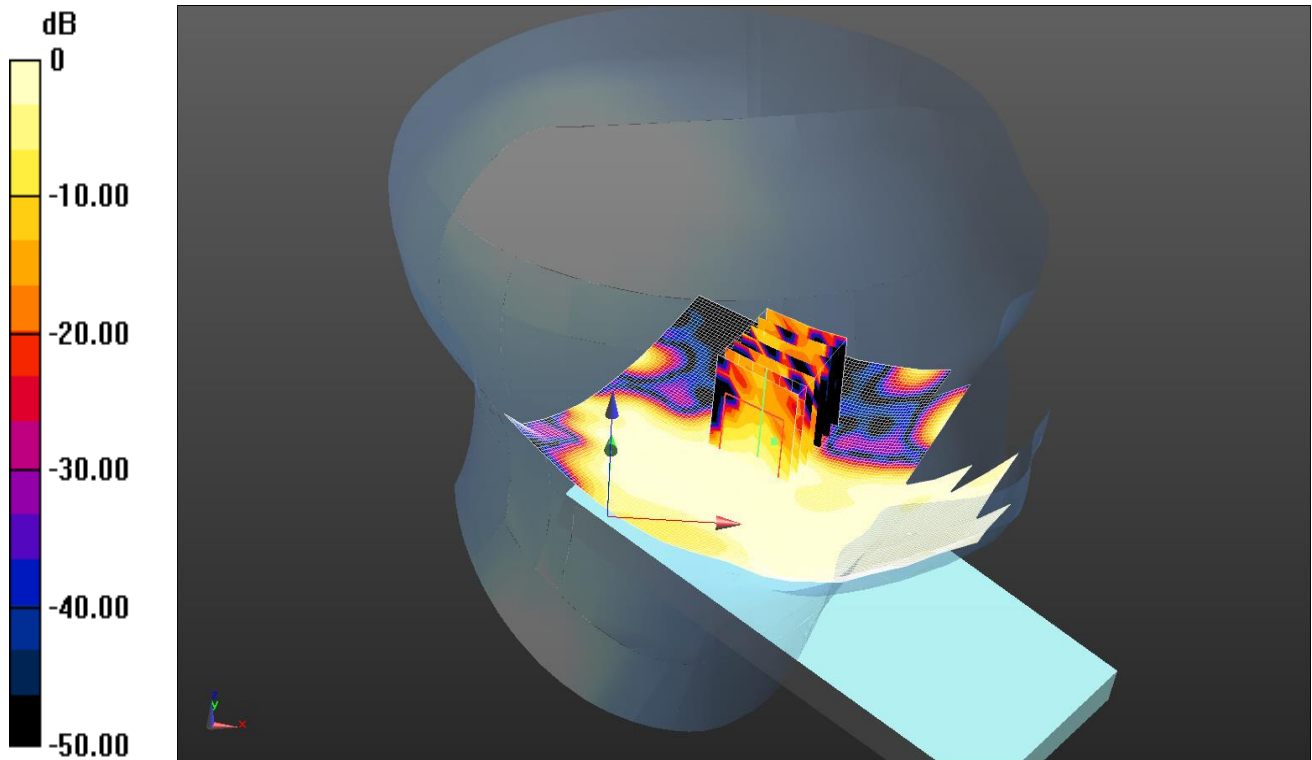
Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0732 W/kg

Date: 07/04/2016

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



0 dB = 0.0150 W/kg = -18.24 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.743$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.07, 7.07, 7.07); Calibrated: 21/03/2016;
- 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 - PBx/Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0351 W/kg

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

Reference Value = 2.683 V/m; Power Drift = -0.01 dB

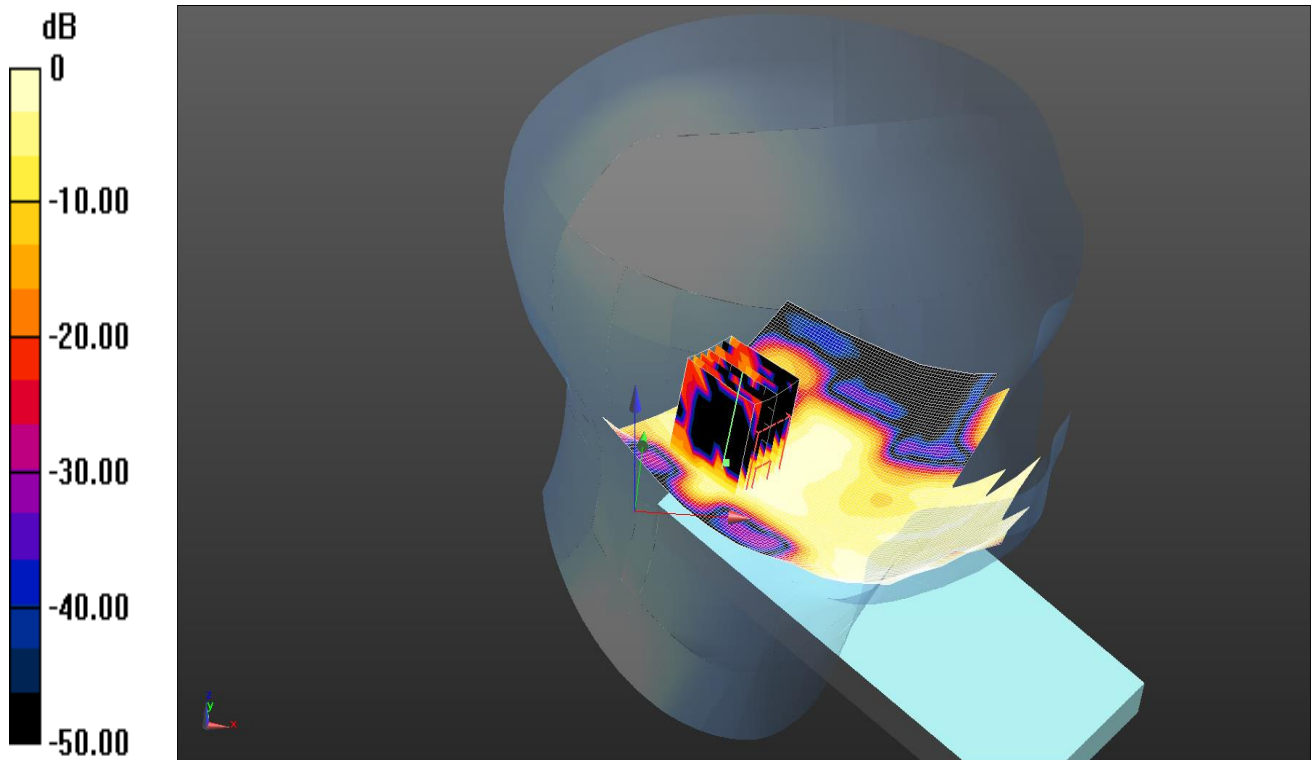
Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00926 W/kg; SAR(10 g) = 0.00261 W/kg

Maximum value of SAR (measured) = 0.0150 W/kg

Date: 25/04/2016

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



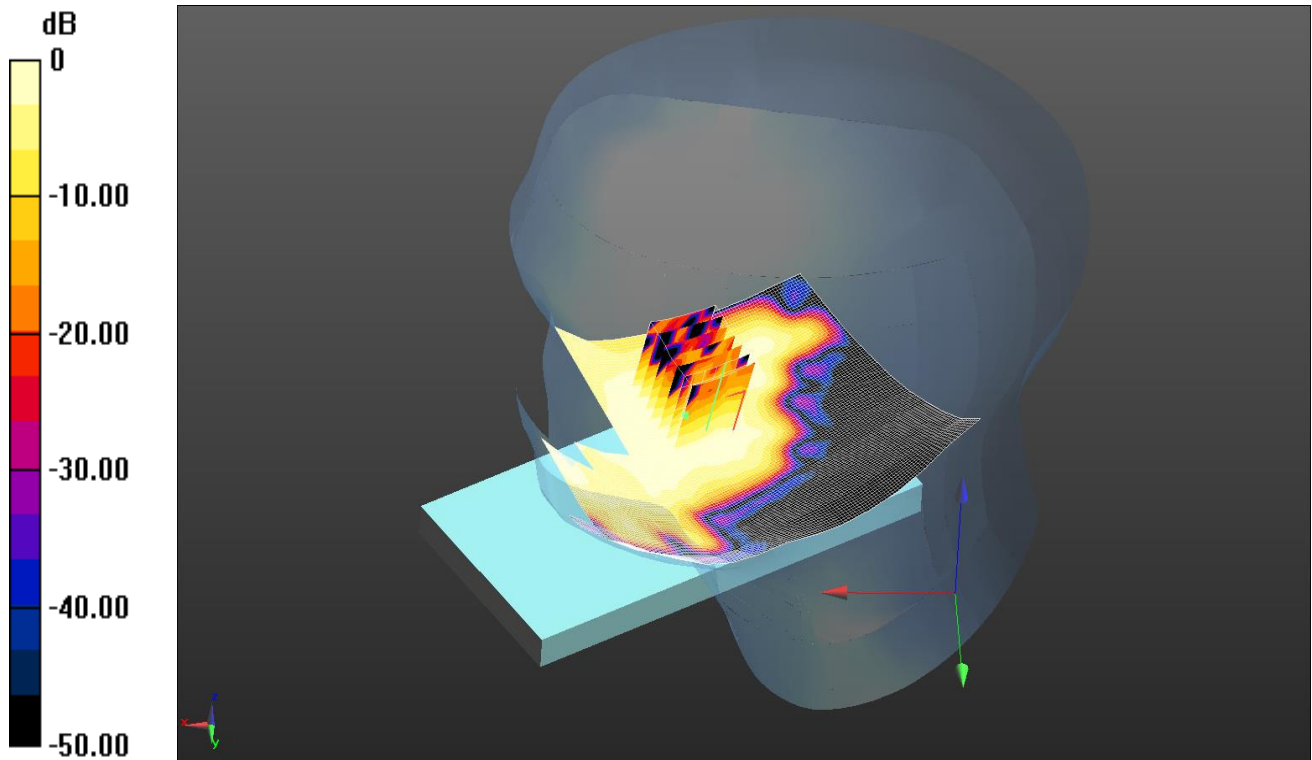
0 dB = 0.0212 W/kg = -16.74 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 38.319$; $\rho = 1000$ 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 50%RB Low - Head - PBx/Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0199 W/kg

Configuration/Tilt Left 50%RB Low - Head - PBx/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.003 V/m; Power Drift = 1.43 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00498 W/kg
Maximum value of SAR (measured) = 0.0212 W/kg

Date: 07/04/2016

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



0 dB = 0.0418 W/kg = -13.79 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.743$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.07, 7.07, 7.07); Calibrated: 21/03/2016;
- 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 - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0441 W/kg

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

Reference Value = 3.142 V/m; Power Drift = 1.15 dB

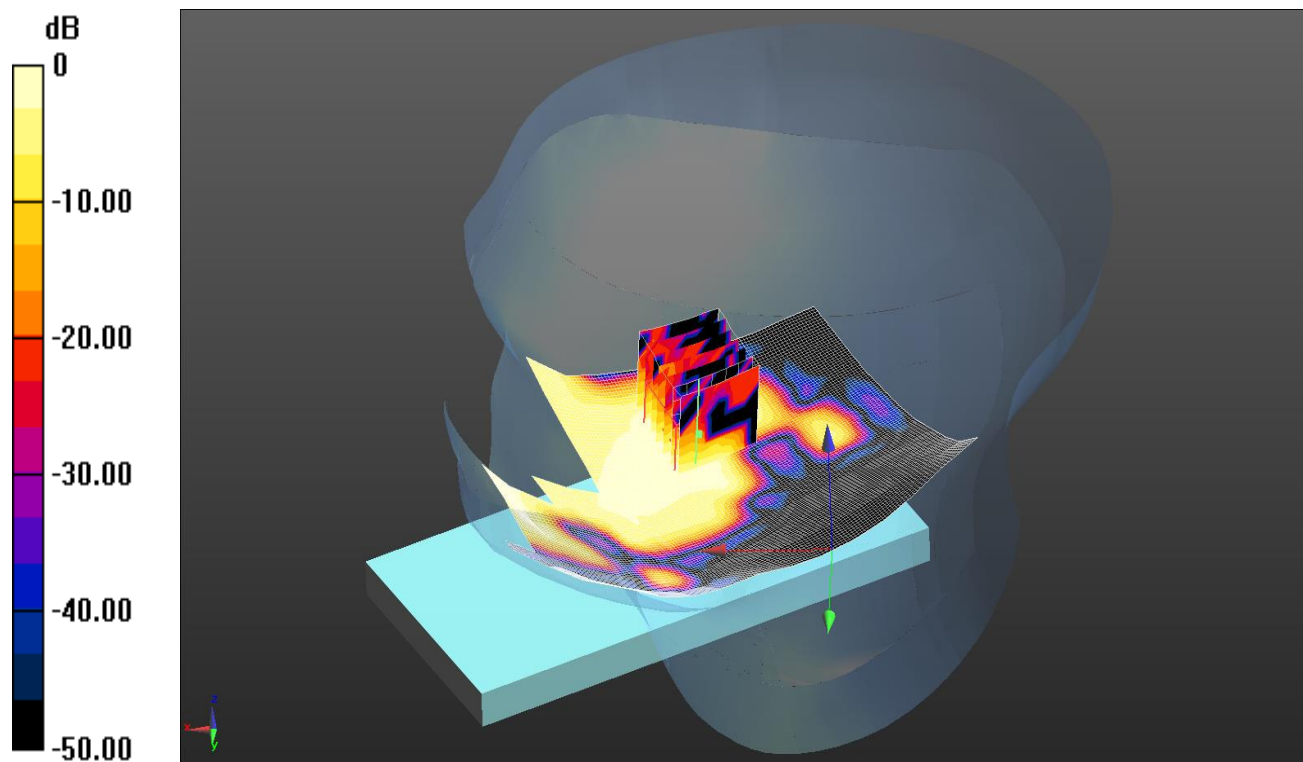
Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0418 W/kg

Date: 25/04/2016

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



0 dB = 0.0420 W/kg = -13.77 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 38.319$; $\rho = 1000$ 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 50%RB Low - Head - PBx/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0375 W/kg

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

Reference Value = 3.957 V/m; Power Drift = 0.77 dB

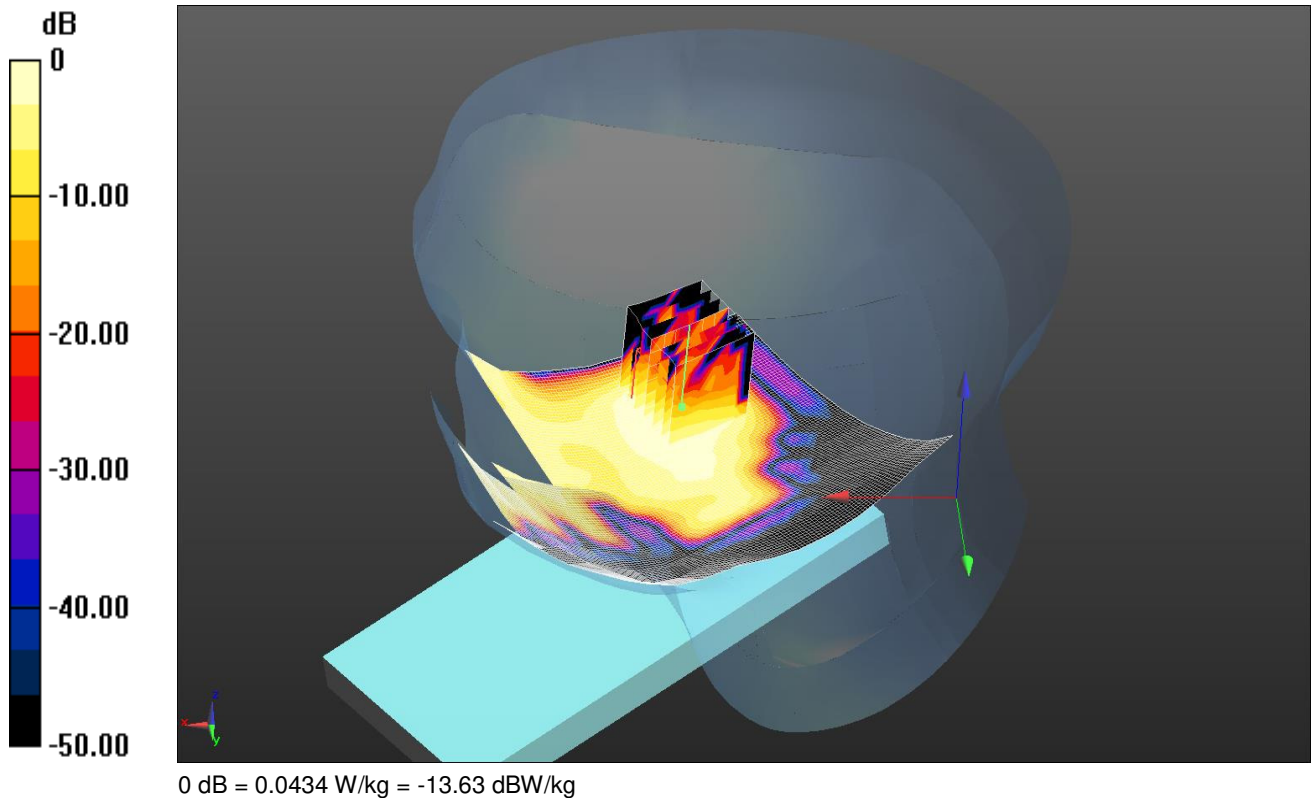
Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0420 W/kg

Date: 07/04/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.743$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.07, 7.07, 7.07); Calibrated: 21/03/2016;
- 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 Low - Head - PBx/Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0571 W/kg

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

Reference Value = 0.708 V/m; Power Drift = 3.60 dB

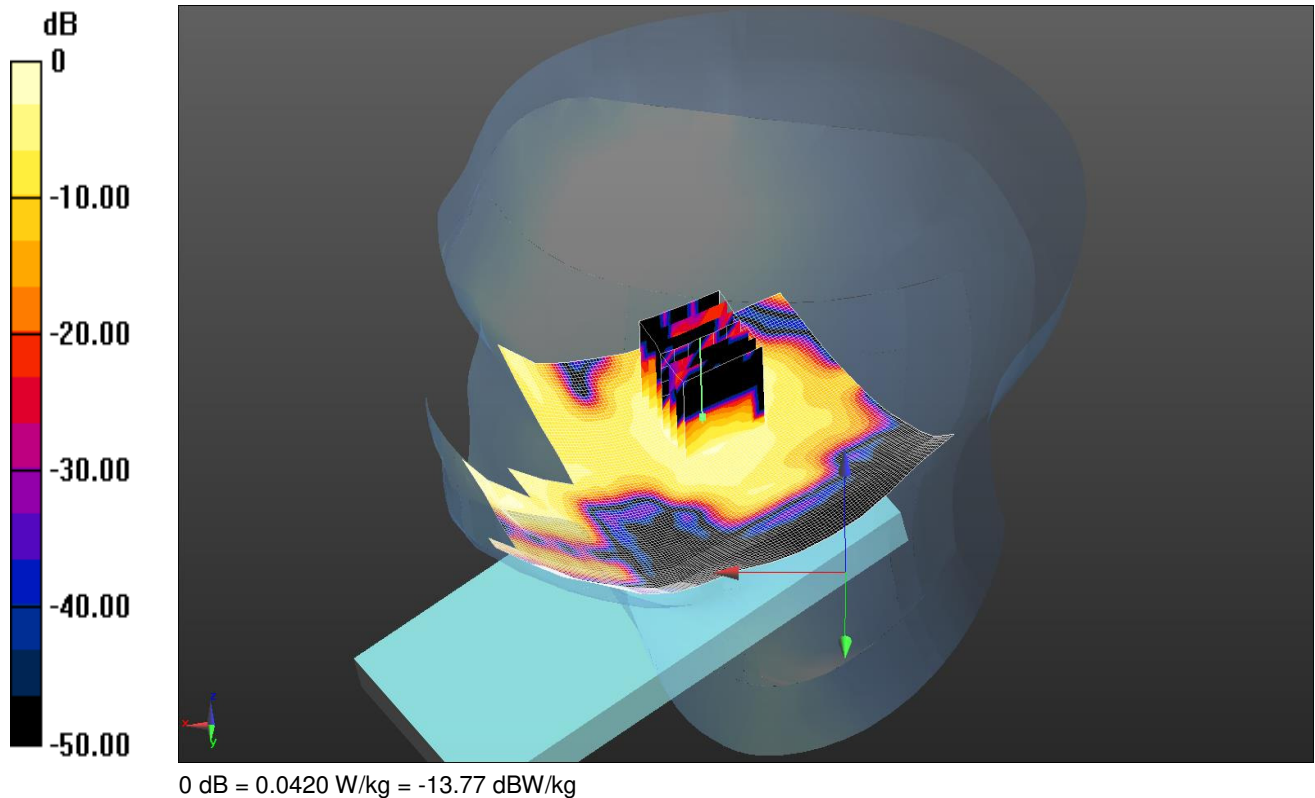
Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg.

Maximum value of SAR (measured) = 0.0434 W/kg

Date: 25/04/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.943$ S/m; $\epsilon_r = 38.319$; $\rho = 1000$ 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 Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0319 W/kg

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

Reference Value = 2.801 V/m; Power Drift = 1.02 dB

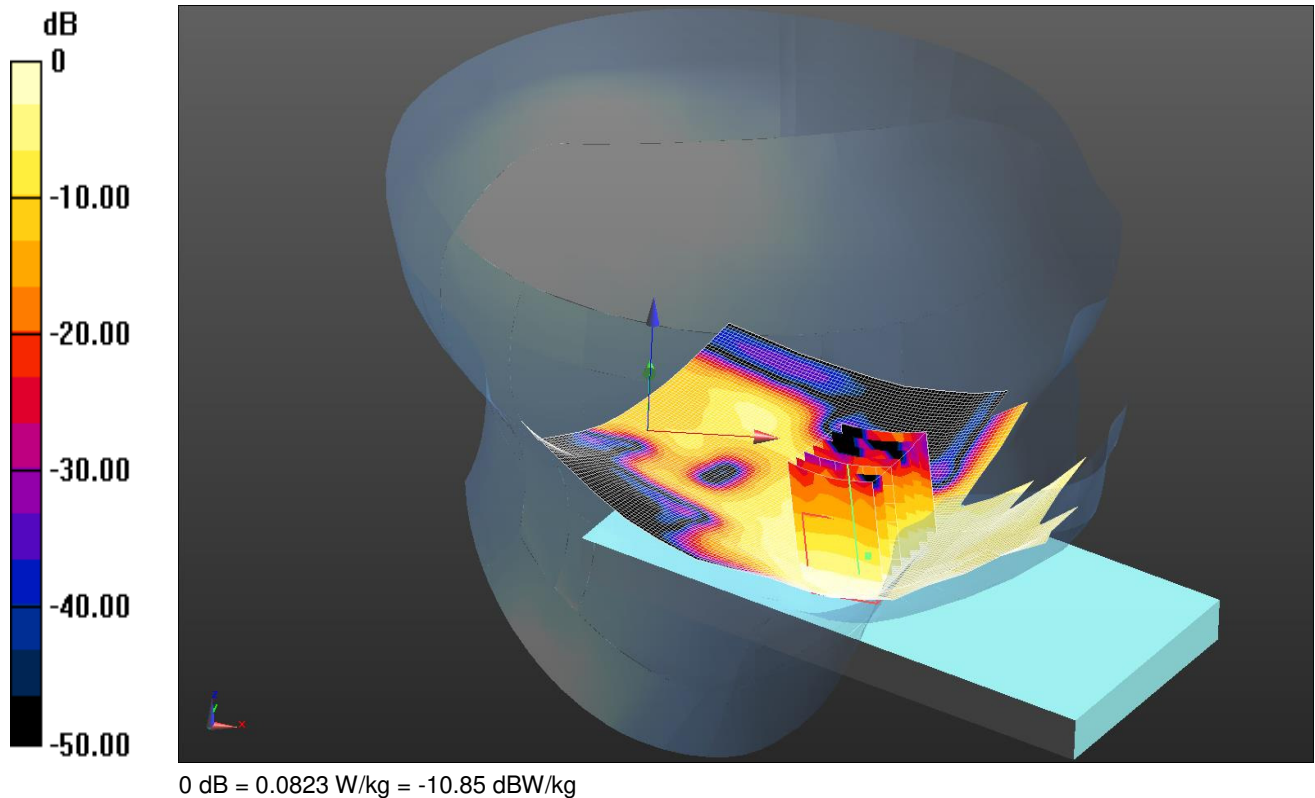
Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0420 W/kg

Date: 25/04/2016

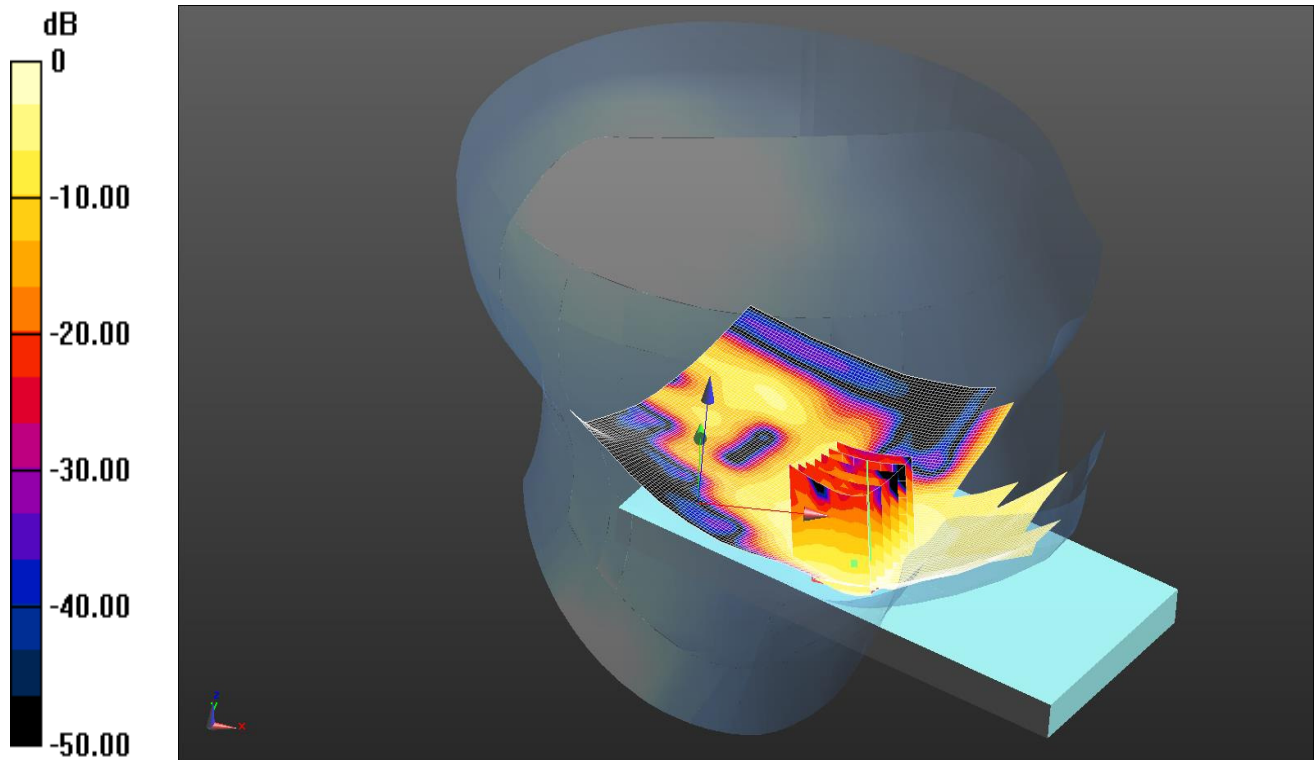
DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 38.537$; $\rho = 1000$ 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 Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0608 W/kg
Configuration/Touch Left 1RB Low - Head - PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 0.551 V/m; Power Drift = 4.26 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0823 W/kg

Date: 25/04/2016

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

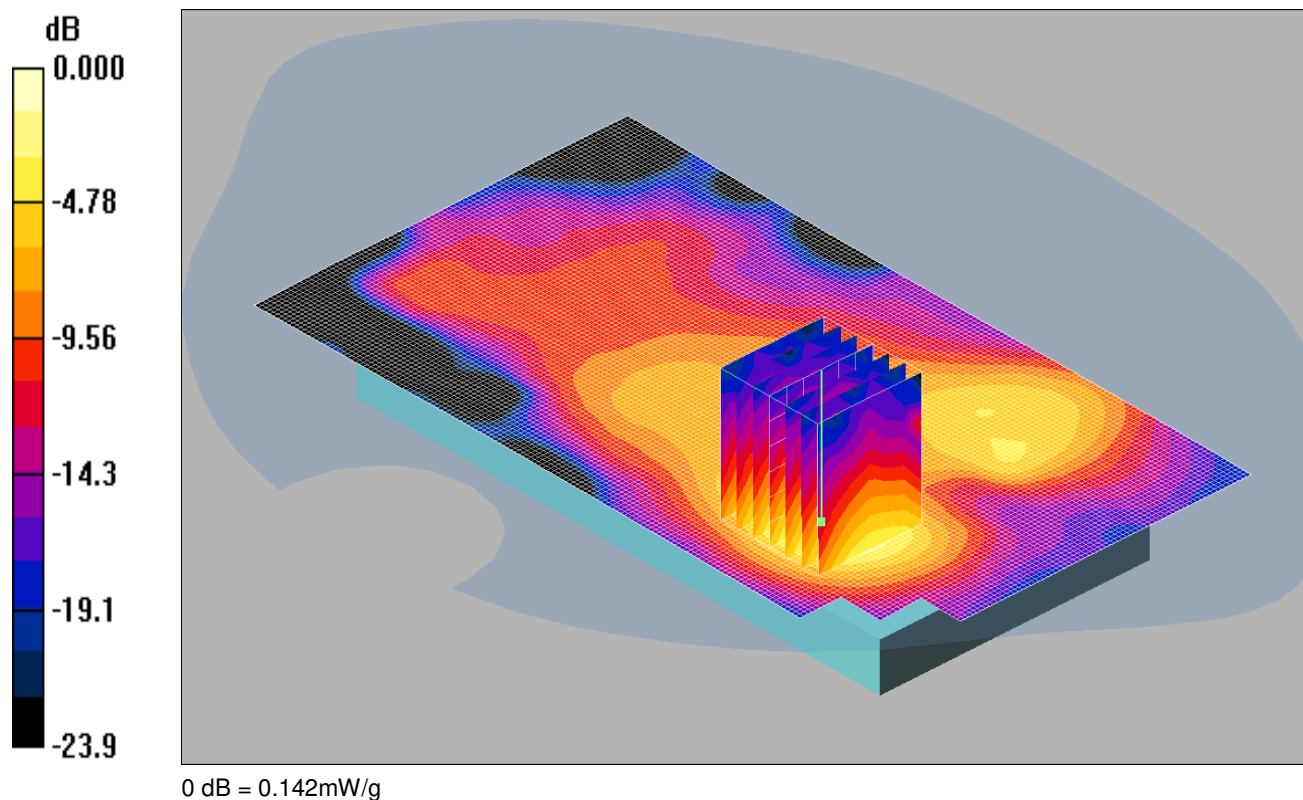


0 dB = 0.0949 W/kg = -10.23 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ 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 Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0651 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 = 5.913 V/m; Power Drift = 0.40 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.0949 W/kg

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.144 mW/g

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

Reference Value = 2.87 V/m; Power Drift = 0.148 dB

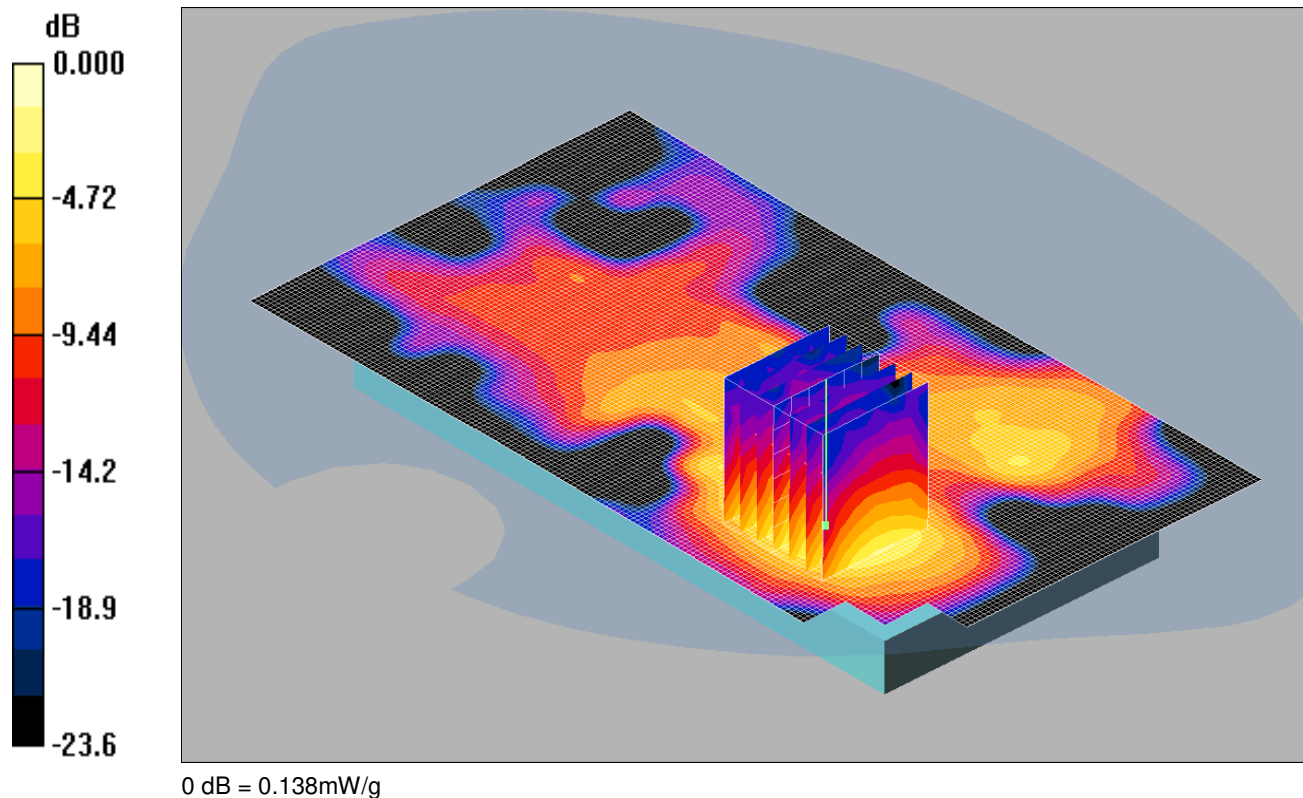
Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.050 mW/g

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

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 4.17 V/m; Power Drift = 0.168 dB

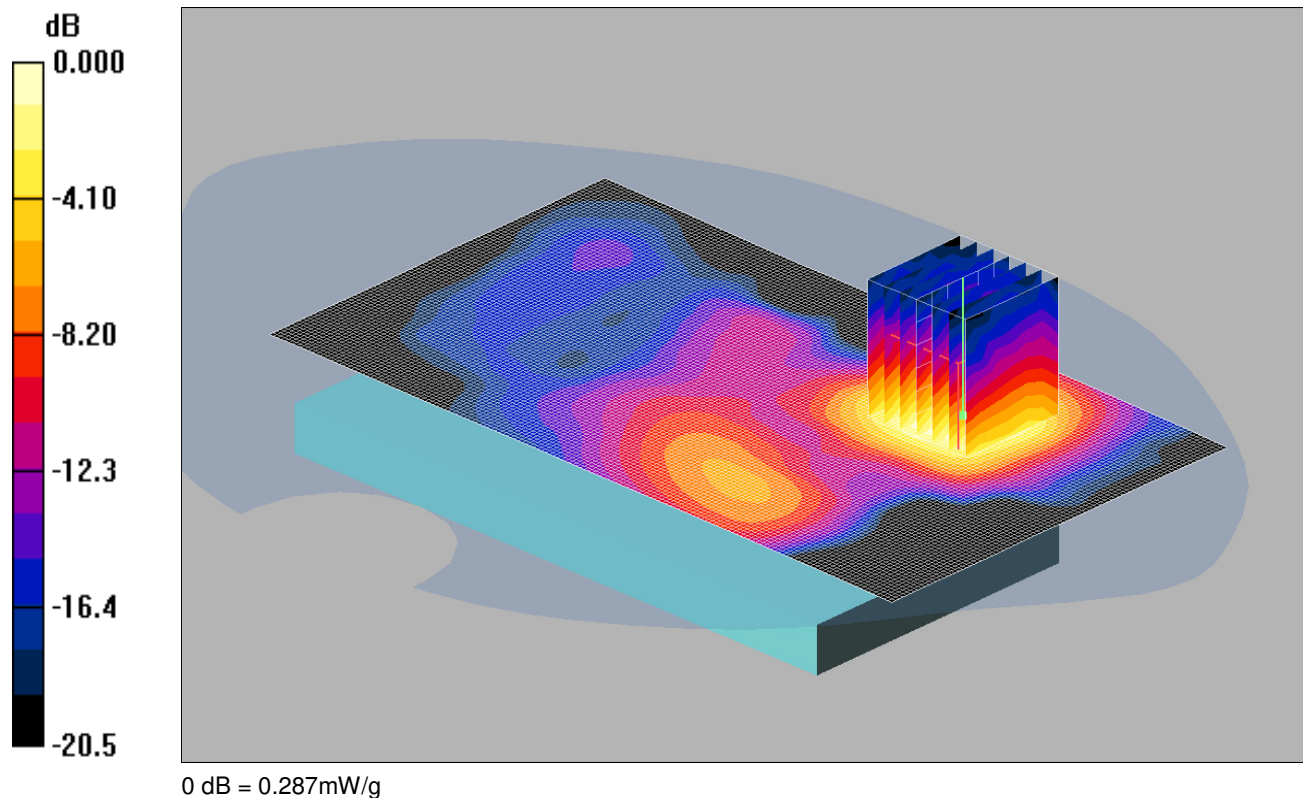
Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.138 mW/g

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.364 mW/g

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

Reference Value = 2.75 V/m; Power Drift = 0.171 dB

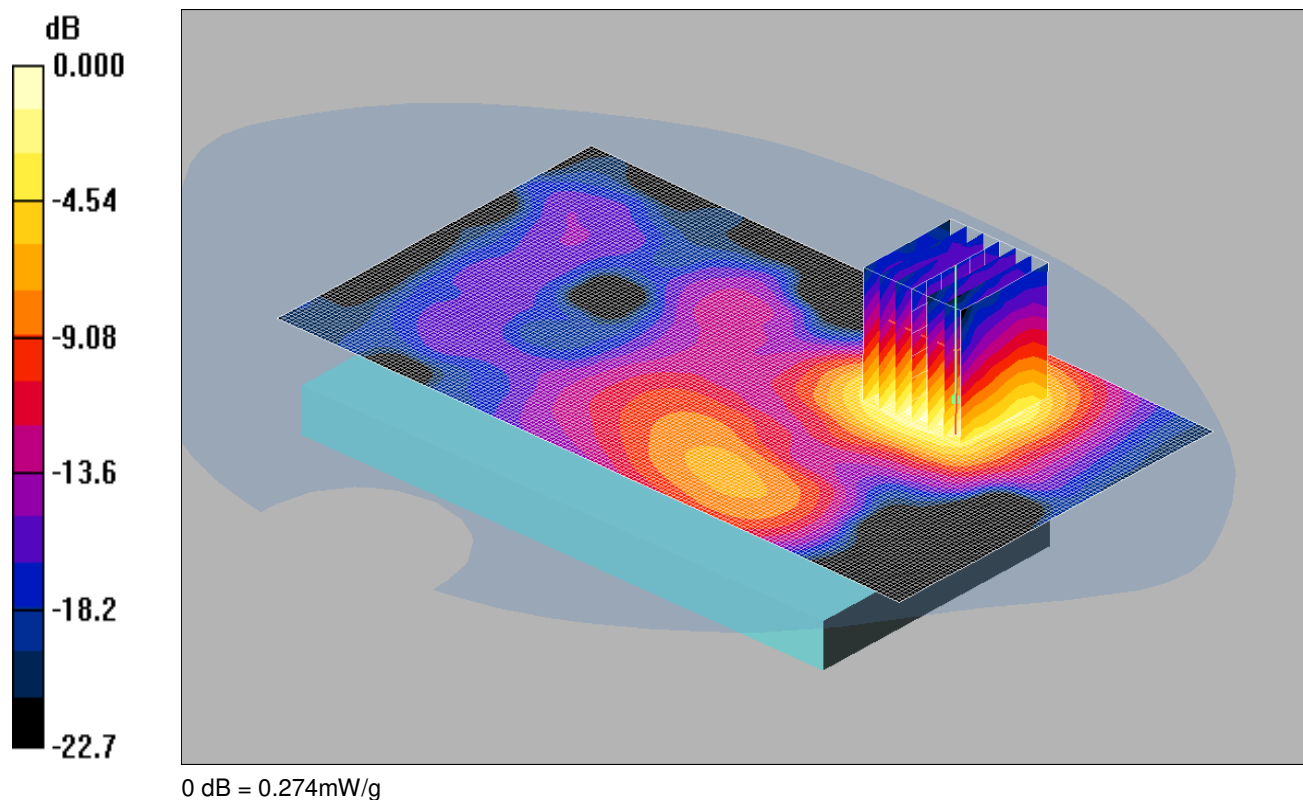
Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.287 mW/g

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.307 mW/g

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

Reference Value = 2.68 V/m; Power Drift = -0.130 dB

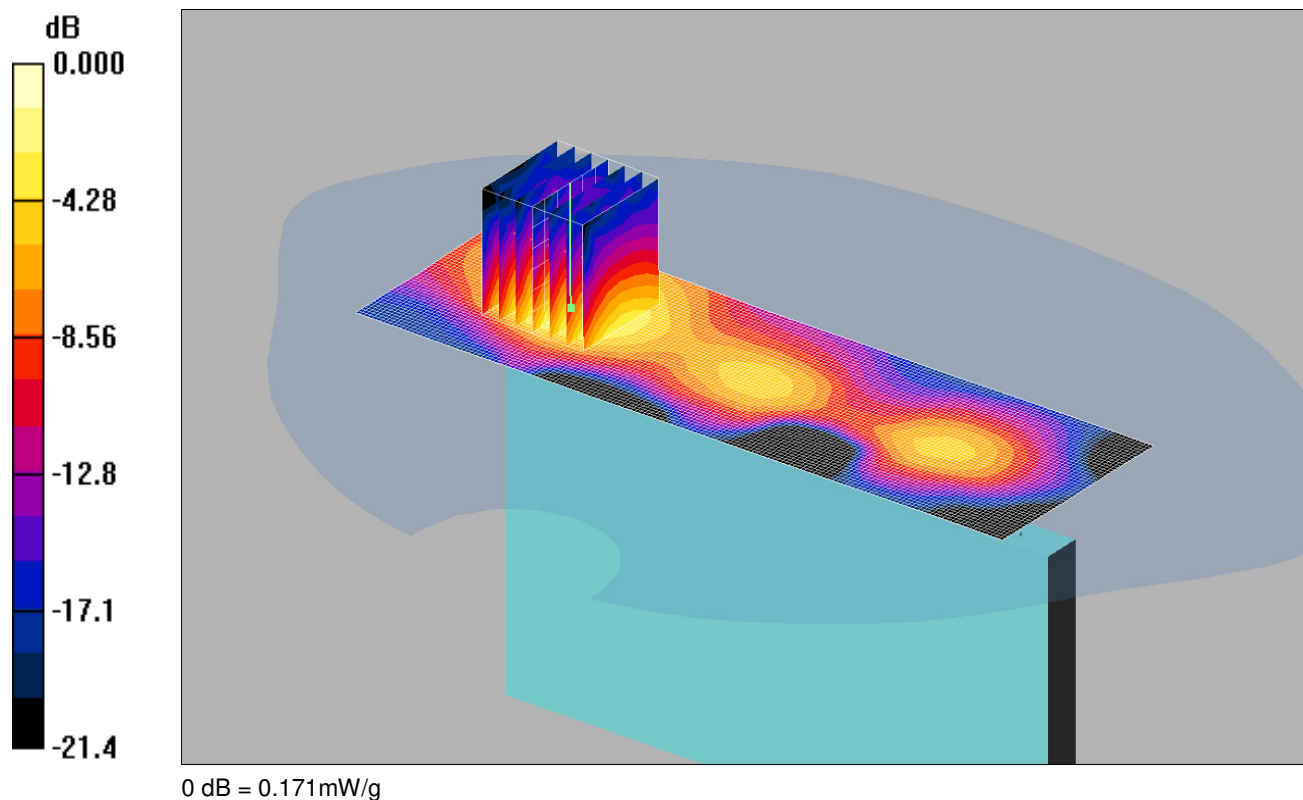
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.274 mW/g

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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

Left Hand Side - Hotspot - PB1/Area Scan (51x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.166 mW/g

Left Hand Side - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = 0.002 dB

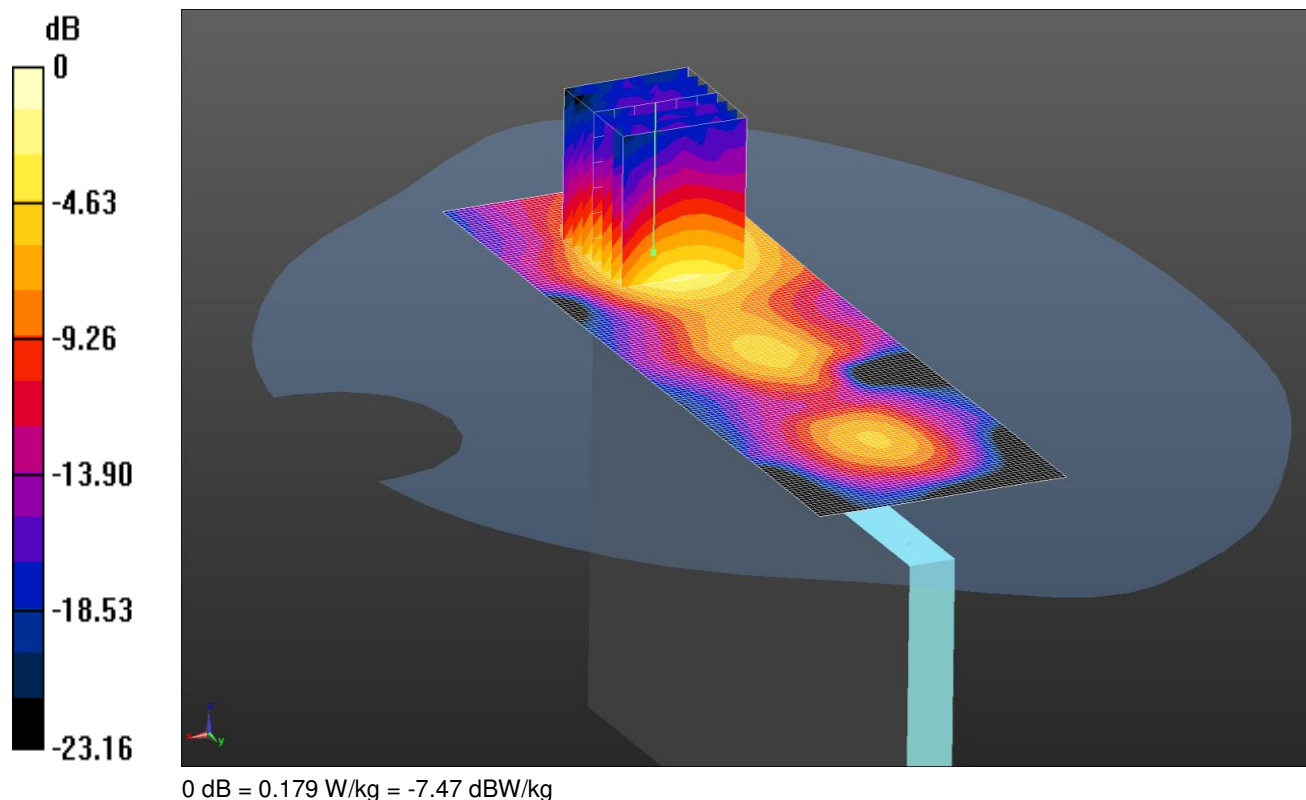
Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.171 mW/g

Date: 8/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.015$ S/m; $\epsilon_r = 51.071$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79); Calibrated: 6/10/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/9/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Left Hand Side - Hotspot - PB1/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

Configuration/Left Hand Side - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.462 V/m; Power Drift = 0.08 dB

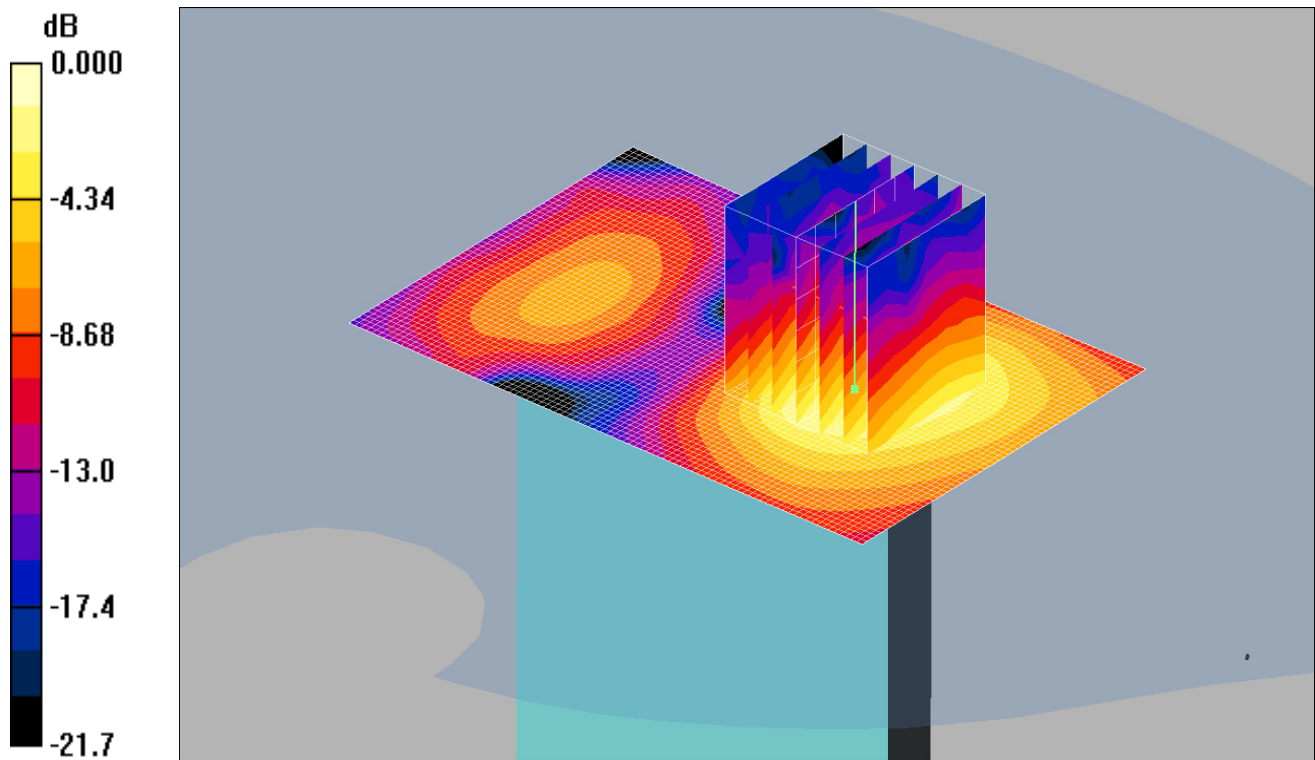
Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.179 W/kg

Date: 09/04/2016

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



0 dB = 0.089mW/g

Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 of EUT - Hotspot - PB1/Area Scan (61x91x1): Measurement grid: dx=12mm, dy=12mm

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

Bottom of EUT - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.79 V/m; Power Drift = 0.092 dB

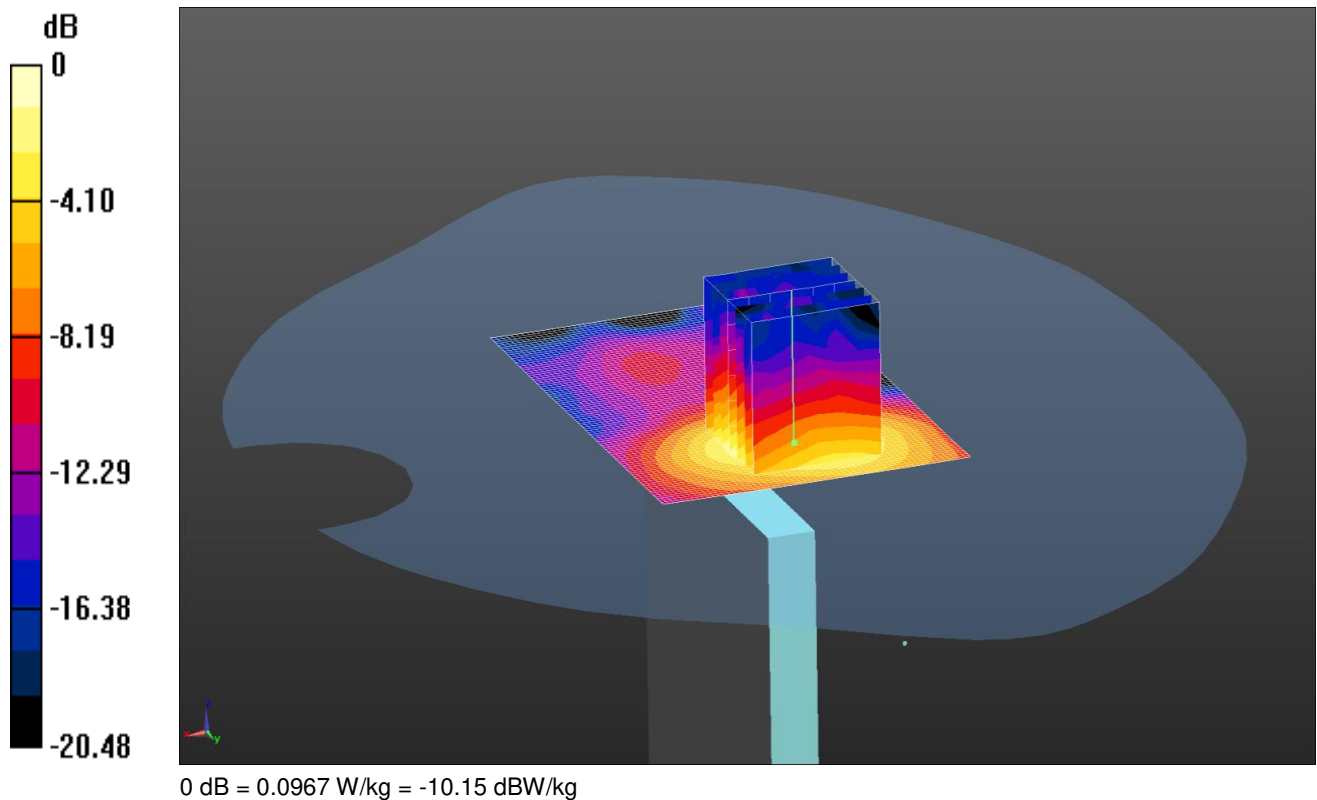
Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.035 mW/g

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

Date: 9/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.015$ S/m; $\epsilon_r = 51.071$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79); Calibrated: 6/10/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/9/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Bottom of EUT - Hotspot - PB1/Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0976 W/kg

Configuration/Bottom of EUT - Hotspot - PB1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.063 V/m; Power Drift = 0.04 dB

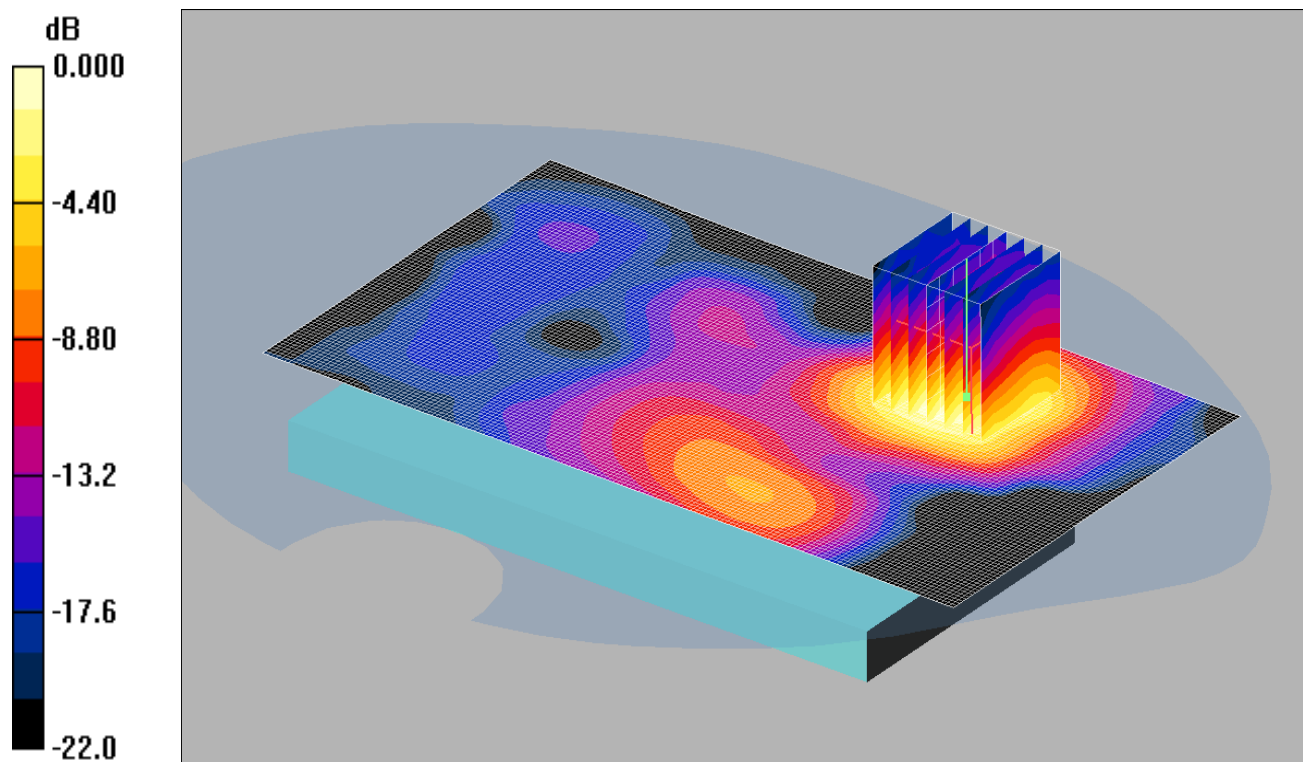
Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0967 W/kg

Date: 09/04/2016

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



0 dB = 0.286mW/g

Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.318 mW/g

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

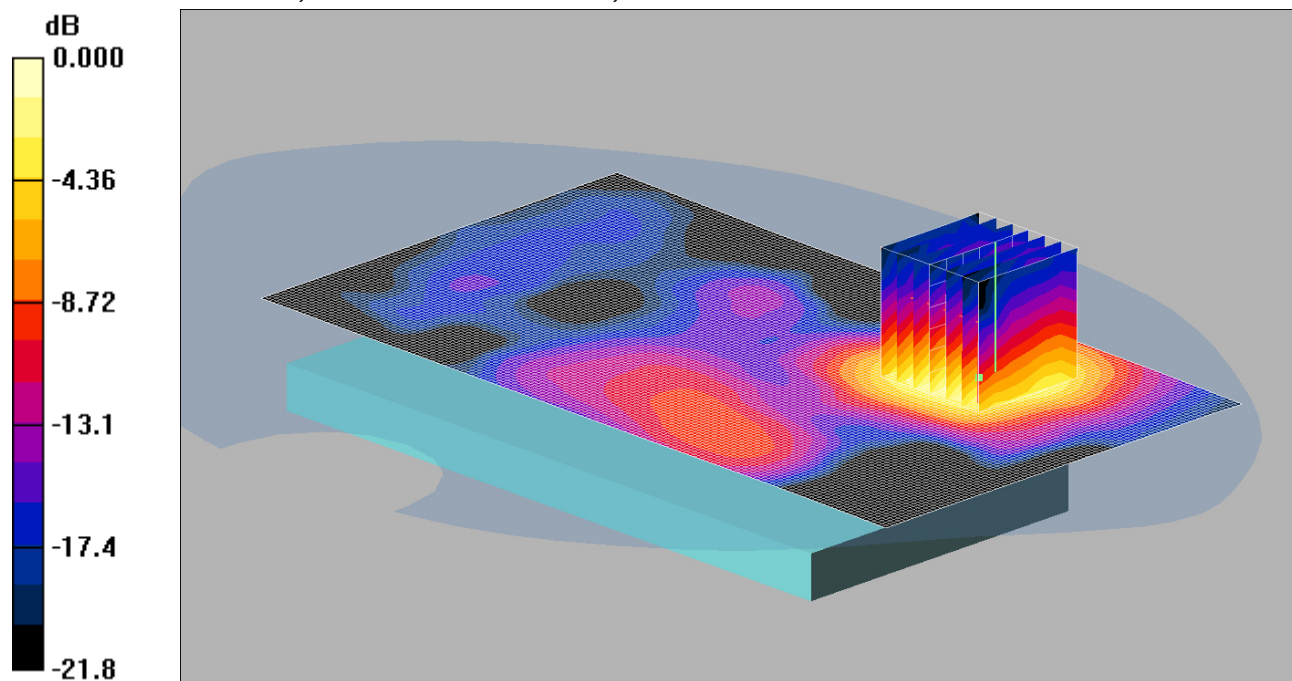
Reference Value = 2.59 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.439 W/kg

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

Maximum value of SAR (measured) = 0.286 mW/g

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Hotspot - PB1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.314 mW/g

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

Reference Value = 5.92 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.435 W/kg

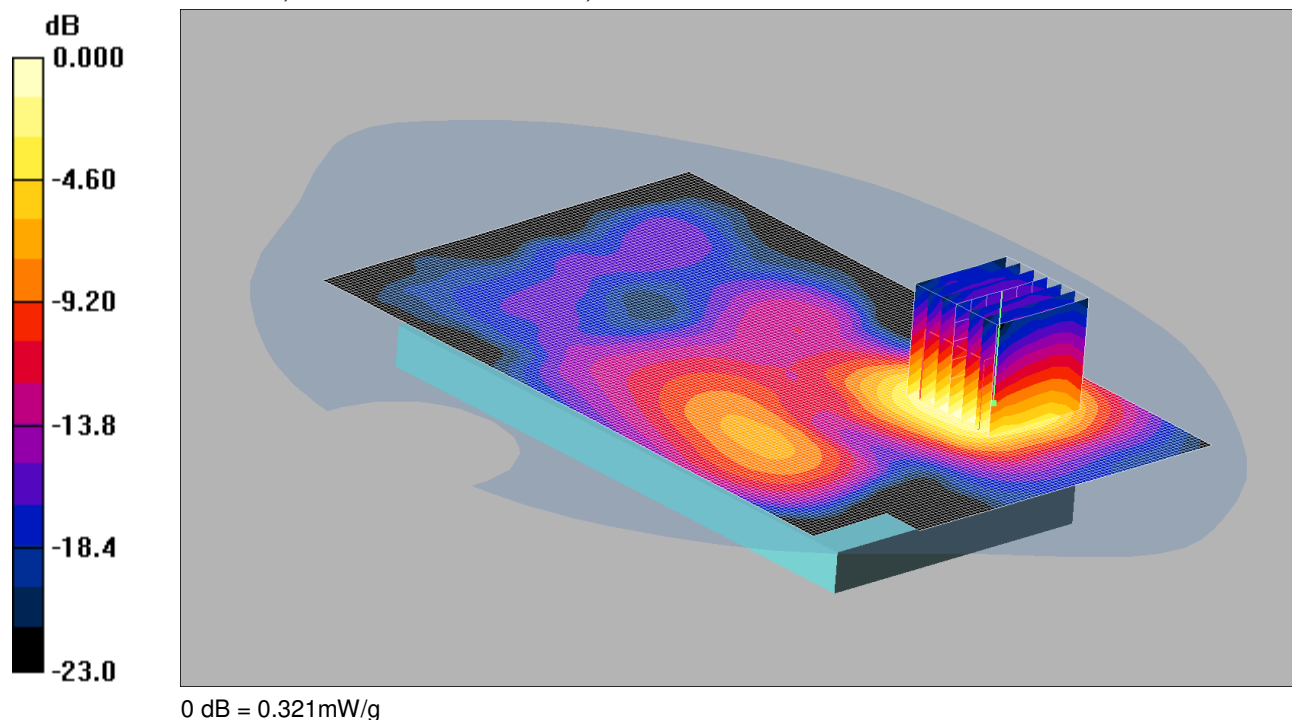
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.289 mW/g

SAR/171: Back of EUT Hotspot LTE Band 7 16QAM 20MHz 1RB Low CH21100

Date: 11/05/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.16, 4.16, 4.16);

- 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 (101x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.352 mW/g

Back 1RB Low - Hotspot - PB1/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.062 dB

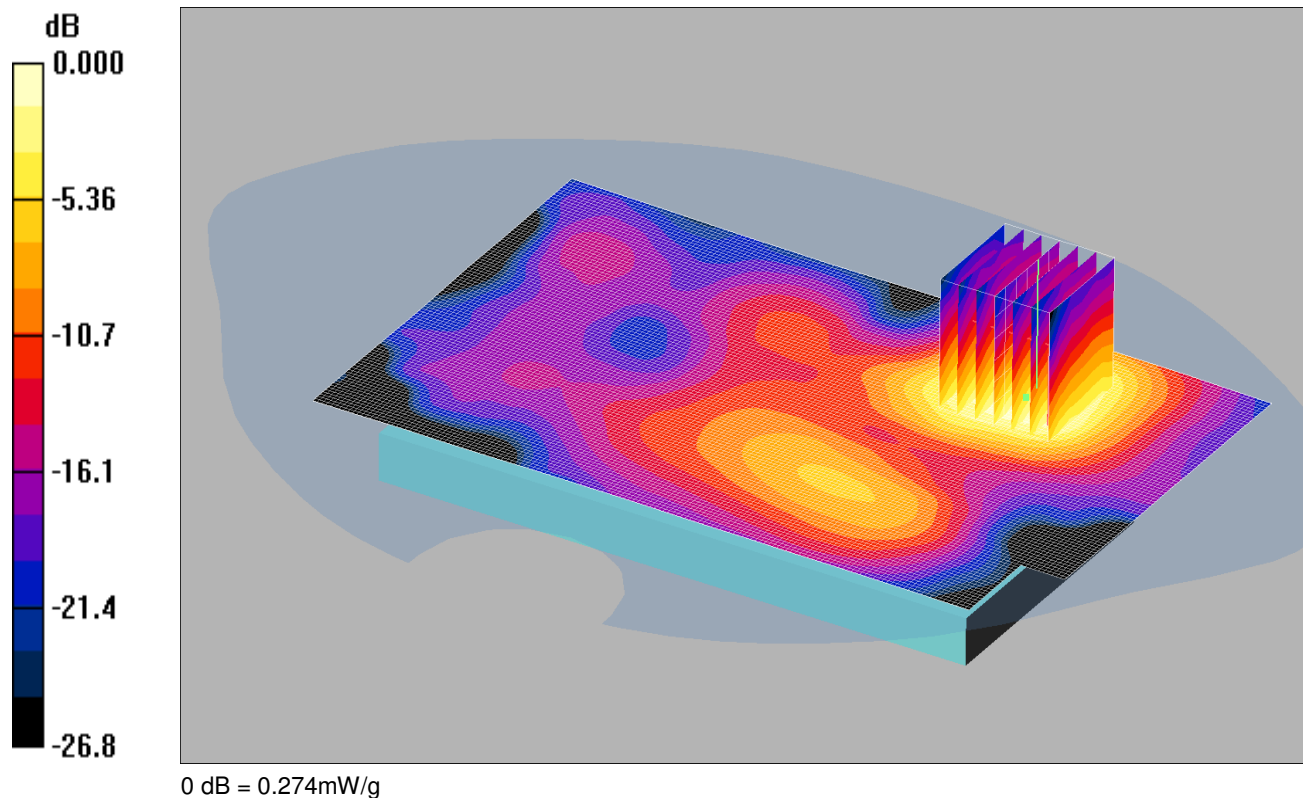
Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

Date: 11/05/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.16, 4.16, 4.16);
- 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 16QAM 50%RB Low - Hotspot - PB1 2/Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.315 mW/g

Back 16QAM 50%RB Low - Hotspot - PB1 2/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.003 dB

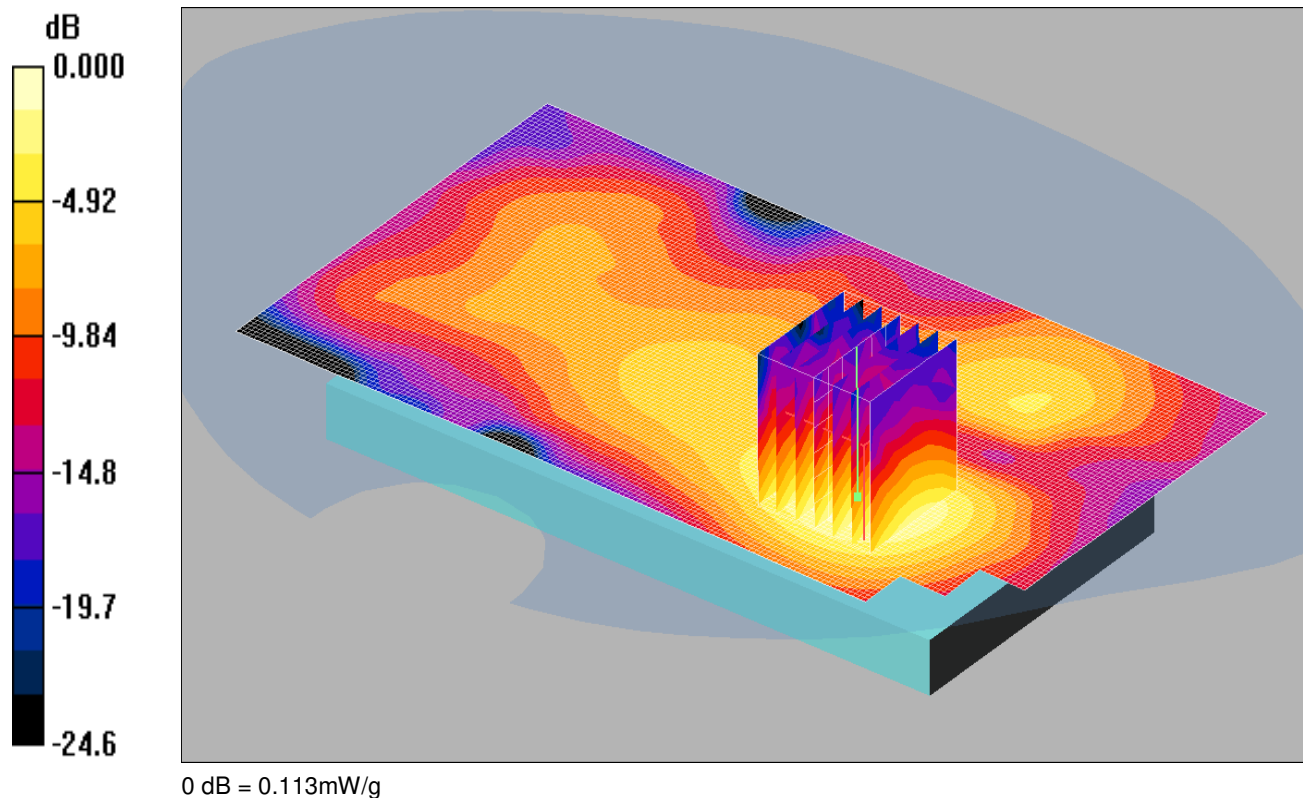
Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.274 mW/g

Date: 09/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);

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

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

- 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 - Bodyworn - PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.116 mW/g

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

Reference Value = 3.49 V/m; Power Drift = -0.097 dB

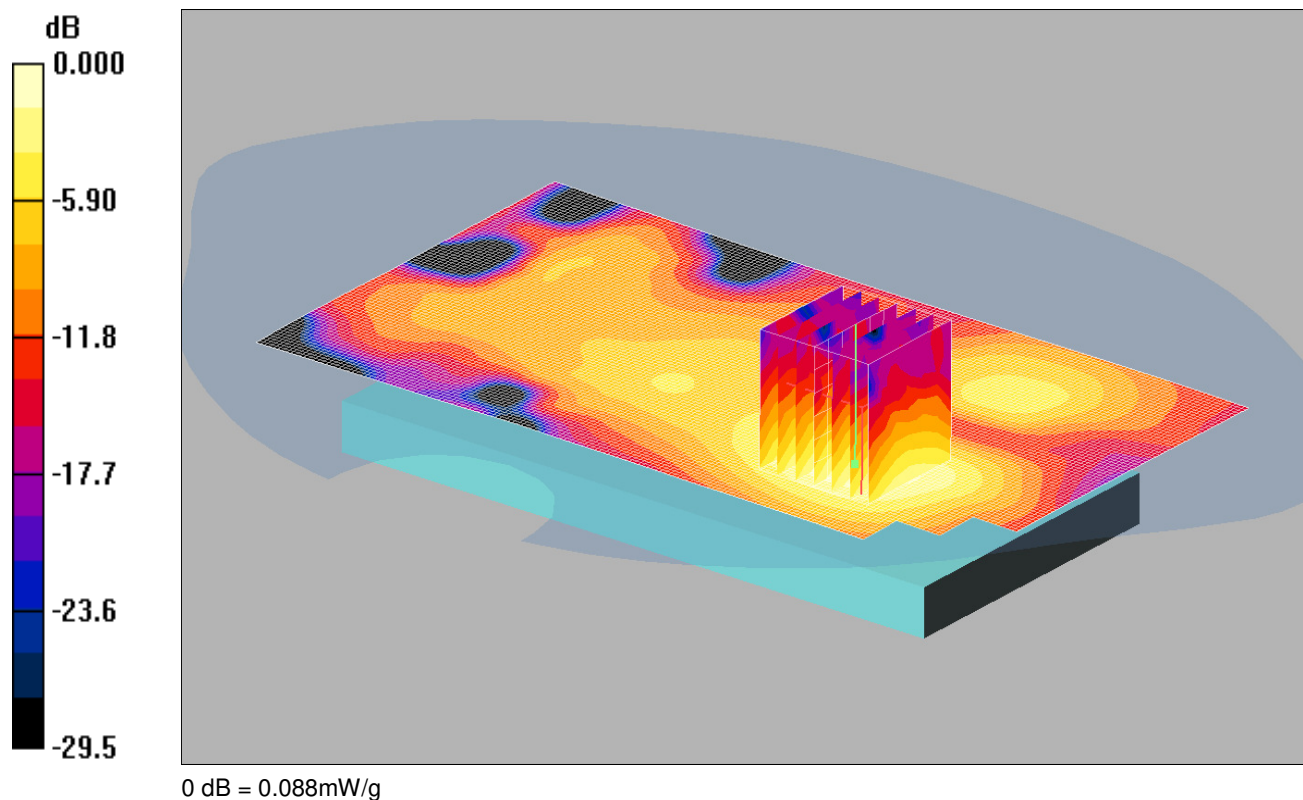
Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.113 mW/g

Date: 09/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Bodyworn - PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.091 mW/g

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

Reference Value = 3.08 V/m; Power Drift = -0.115 dB

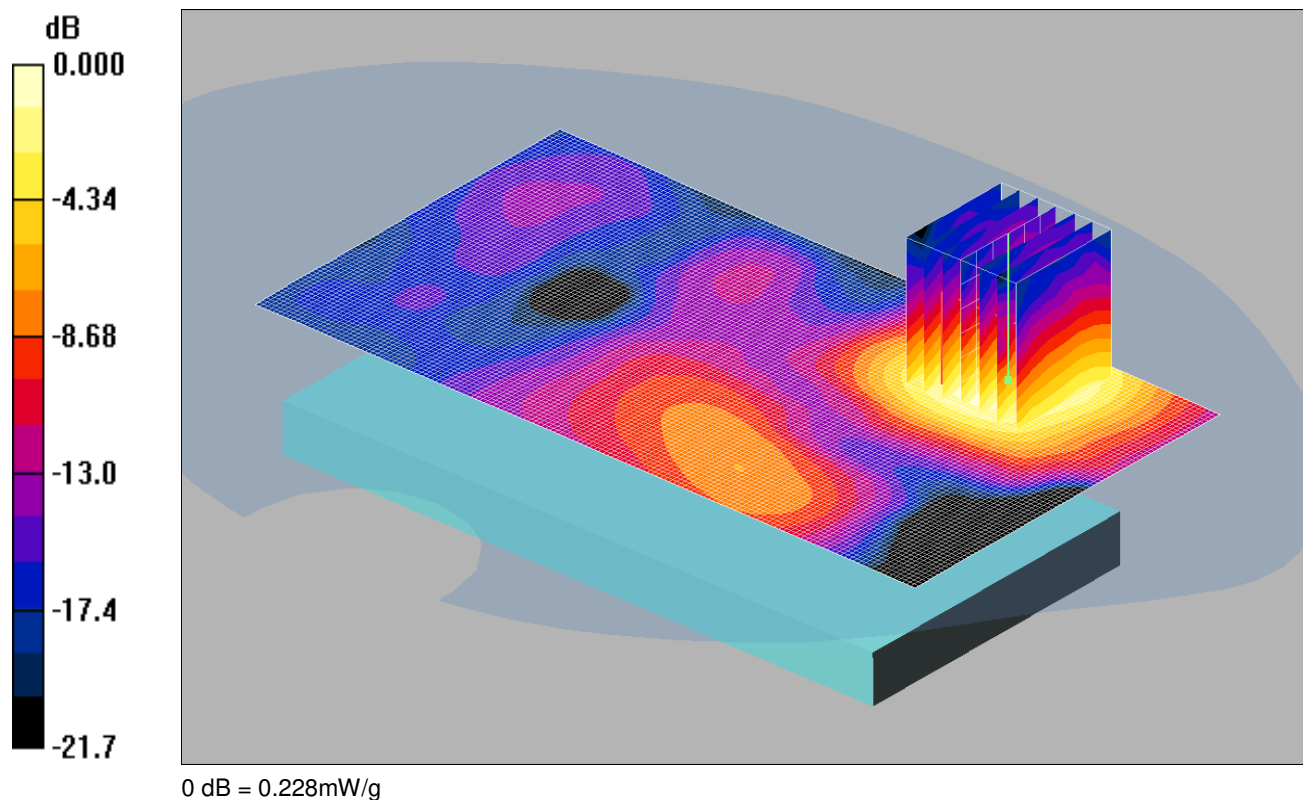
Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.034 mW/g

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

Date: 08/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);

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

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

- 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 - Bodyworn - PB0/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.244 mW/g

Back - Bodyworn - PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.60 V/m; Power Drift = -0.083 dB

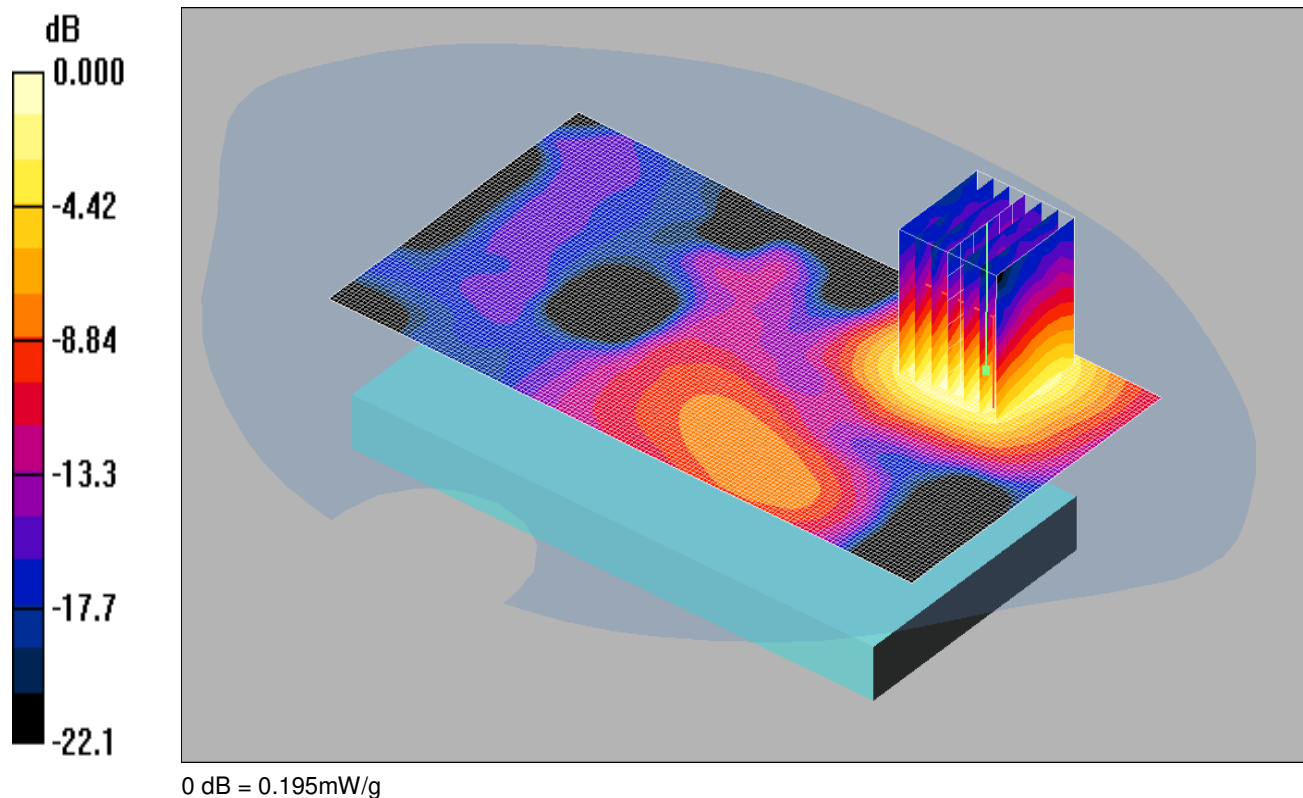
Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.228 mW/g

Date: 09/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);

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

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

- 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 - Bodyworn - PB0/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.205 mW/g

Back - Bodyworn - PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.32 V/m; Power Drift = 0.349 dB

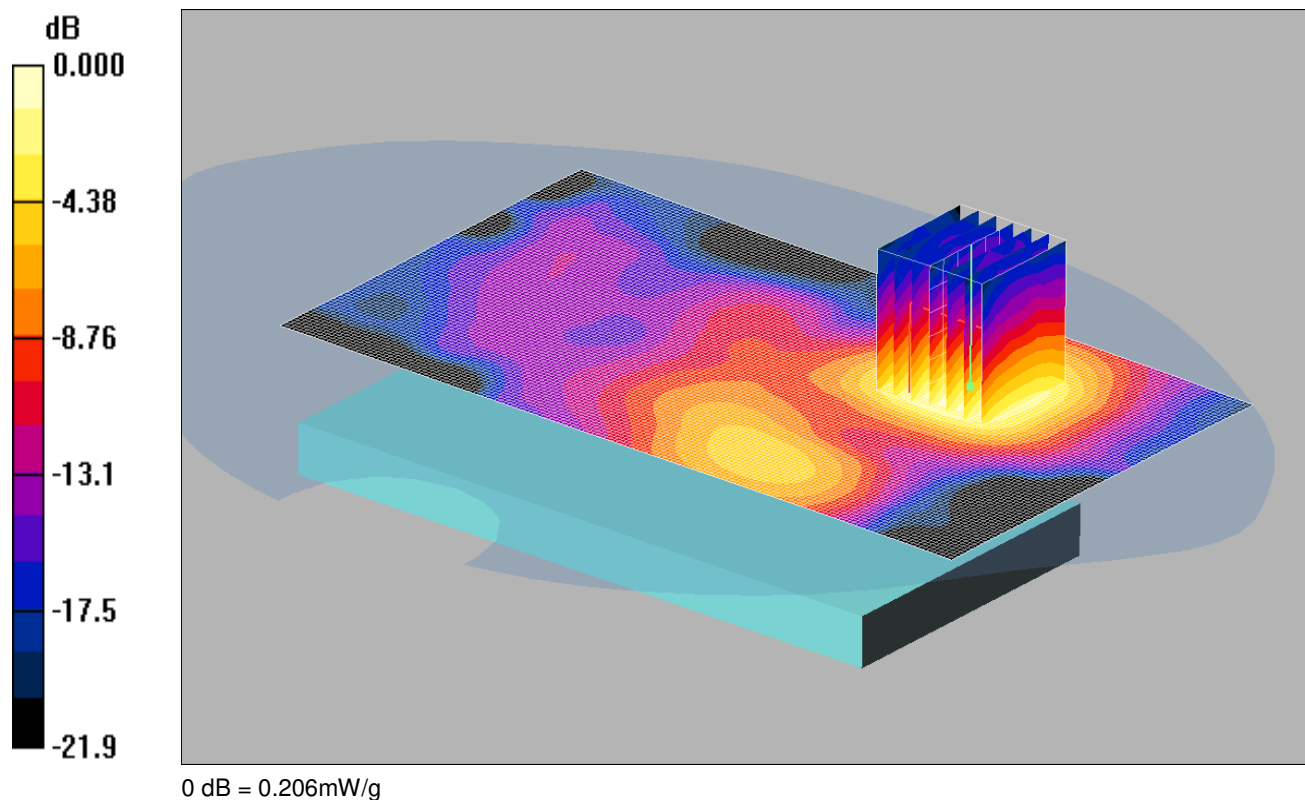
Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.195 mW/g

Date: 09/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Bodyworn - PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.212 mW/g

Back - Bodyworn - PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.71 V/m; Power Drift = 0.081 dB

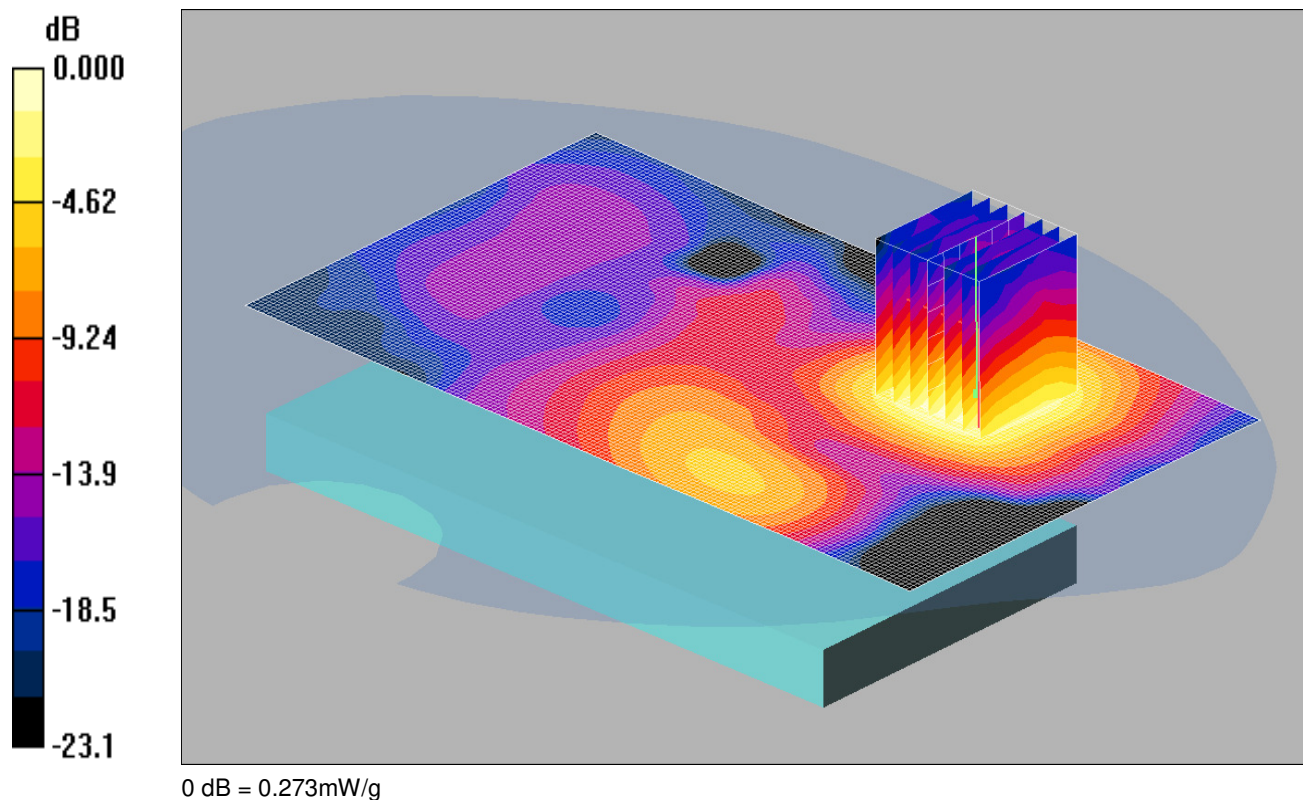
Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.086 mW/g

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

Date: 09/04/2016

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



Communication System: LTE - Band 7/ 20MHz Channel; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(6.79, 6.79, 6.79);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- 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 - Bodyworn - PB0/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

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

Back - Bodyworn - PB0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.028 dB

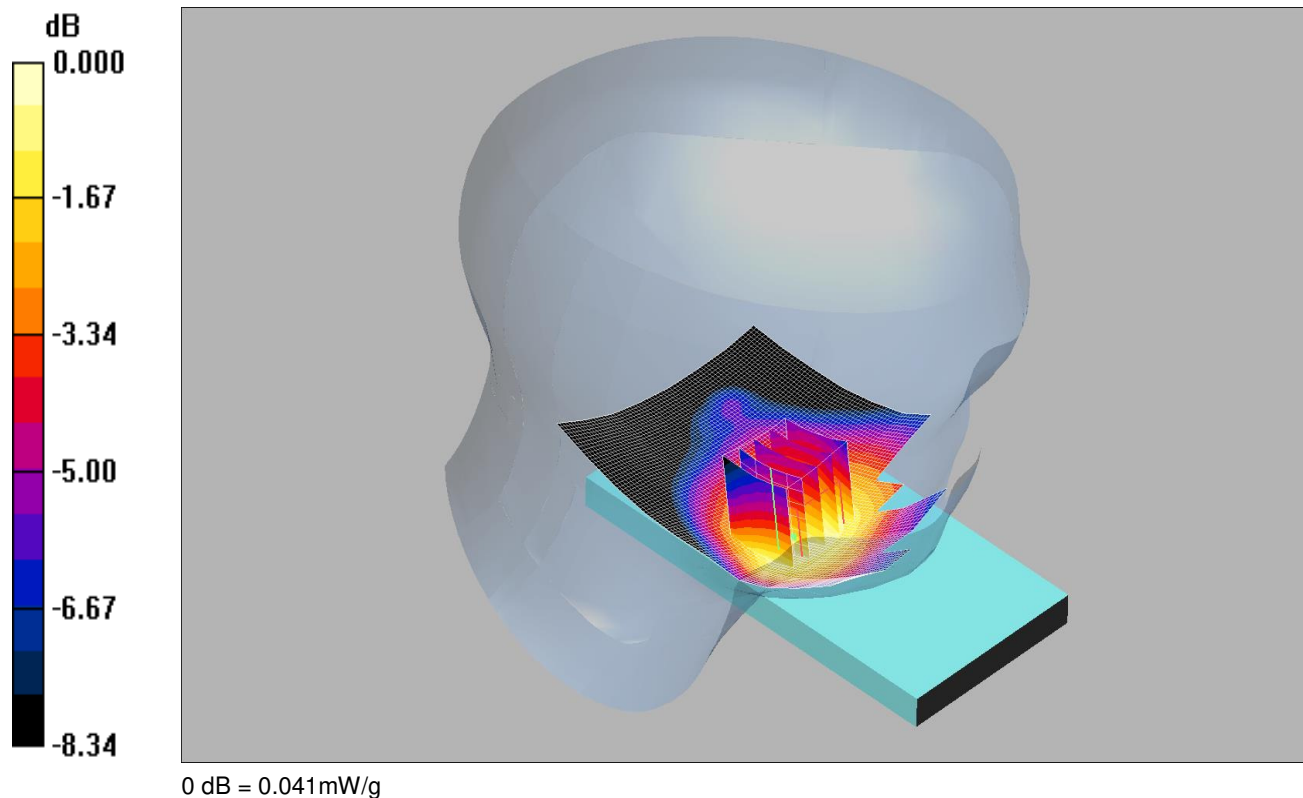
Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.273 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.039 mW/g

Touch Left - Head - PBx/Zoom Scan (5x5x7) 3 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.39 V/m; Power Drift = -0.083 dB

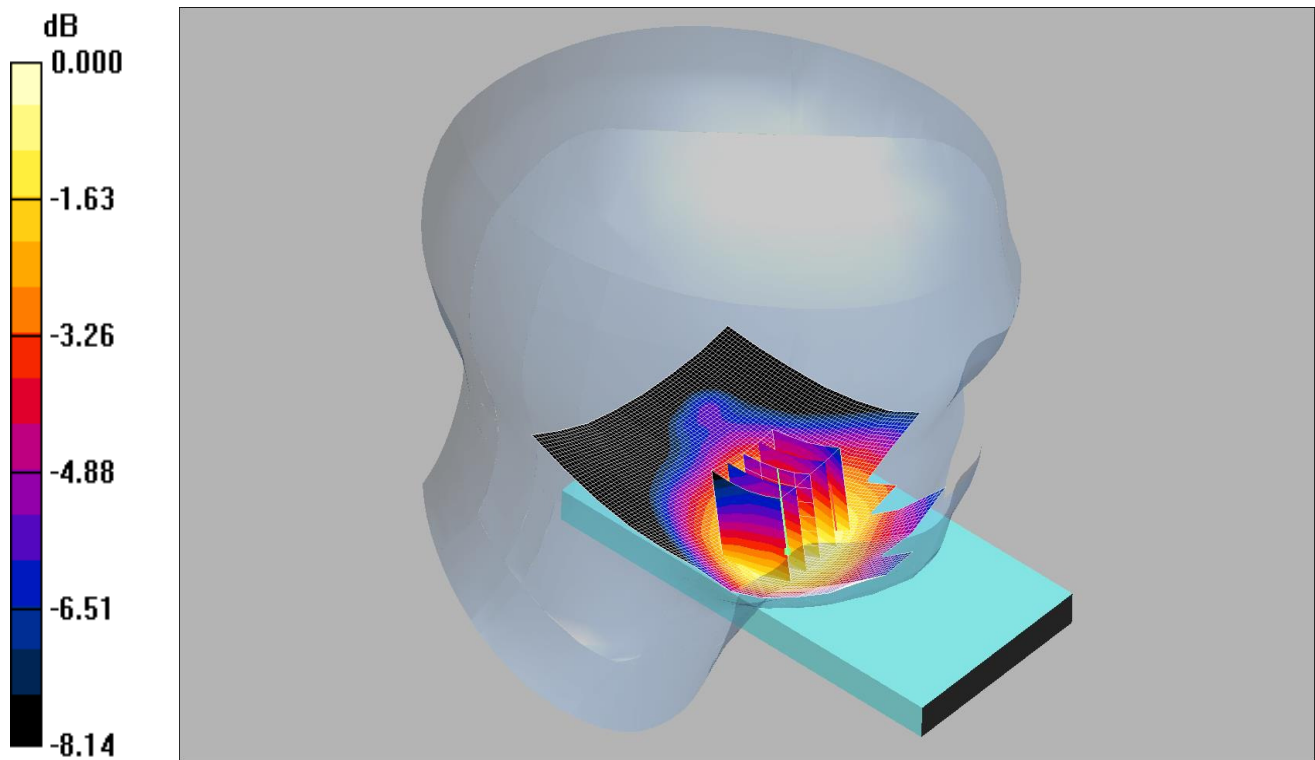
Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.041 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

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

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

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

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

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

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

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

Reference Value = 2.16 V/m; Power Drift = 0.002 dB

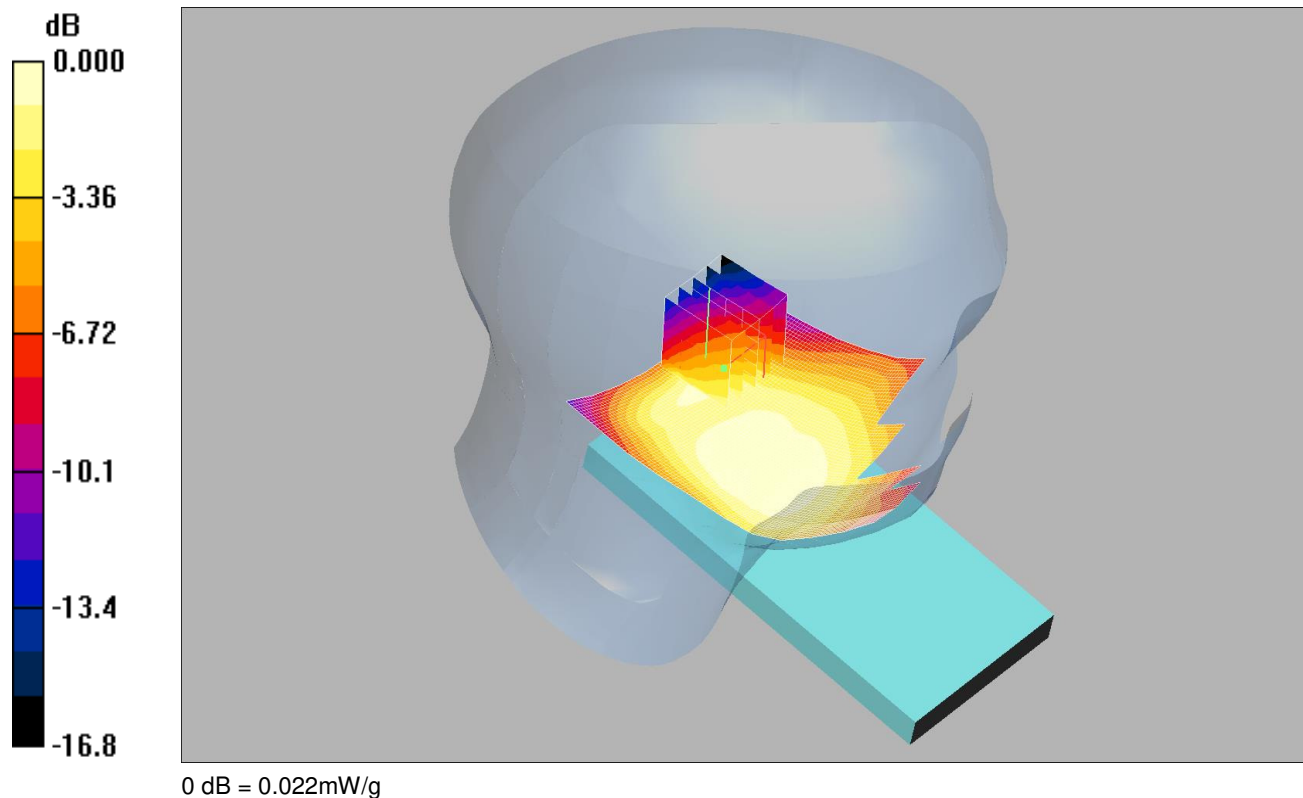
Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.022 mW/g

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

Reference Value = 3.76 V/m; Power Drift = -0.028 dB

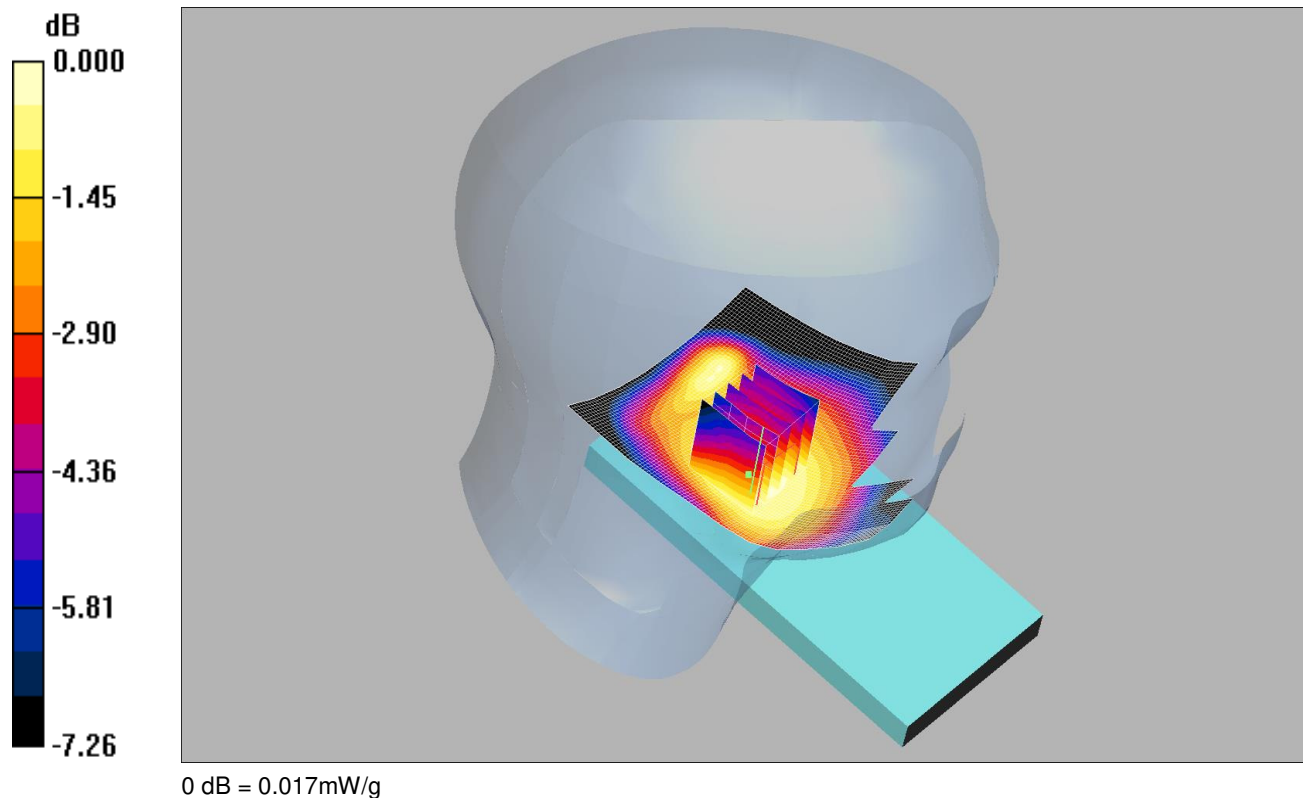
Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 3.06 V/m; Power Drift = 0.039 dB

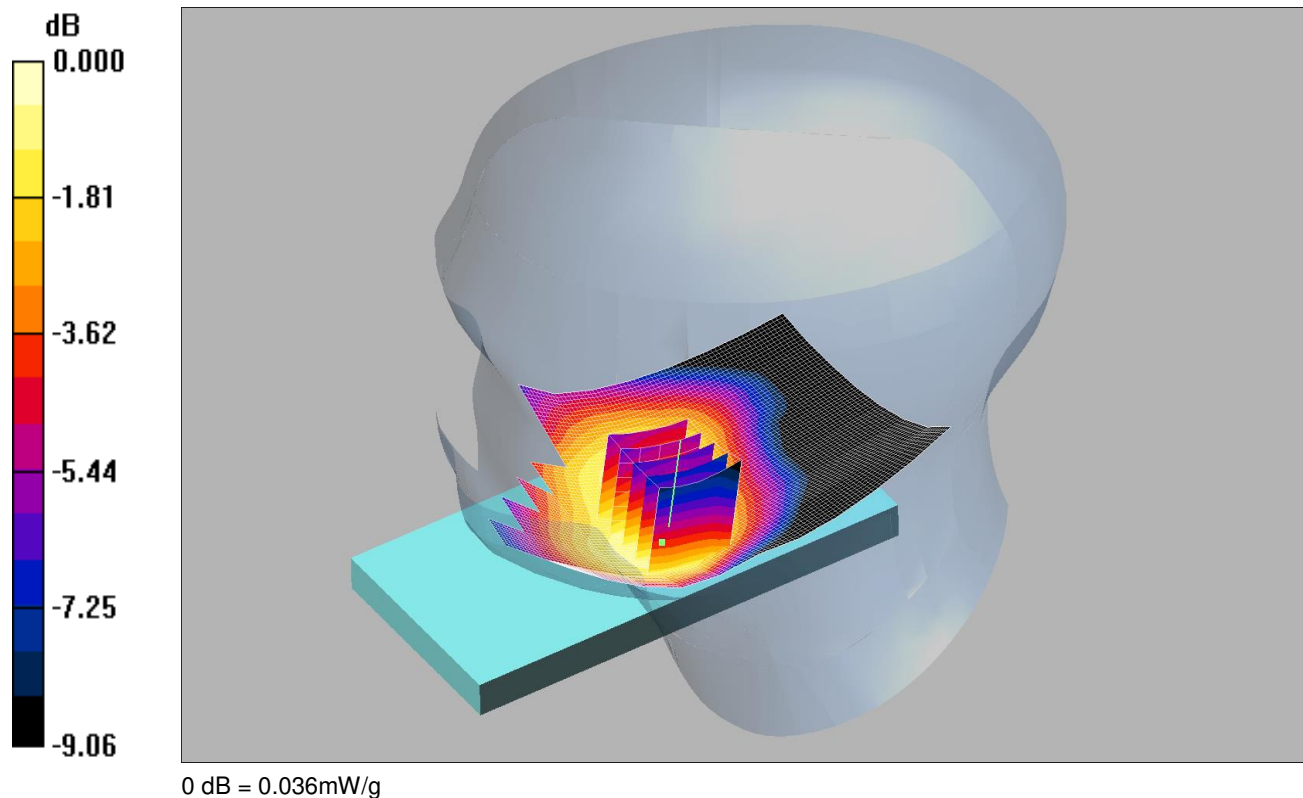
Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.013 mW/g

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

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

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

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

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

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

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

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

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

Reference Value = 2.01 V/m; Power Drift = 0.093 dB

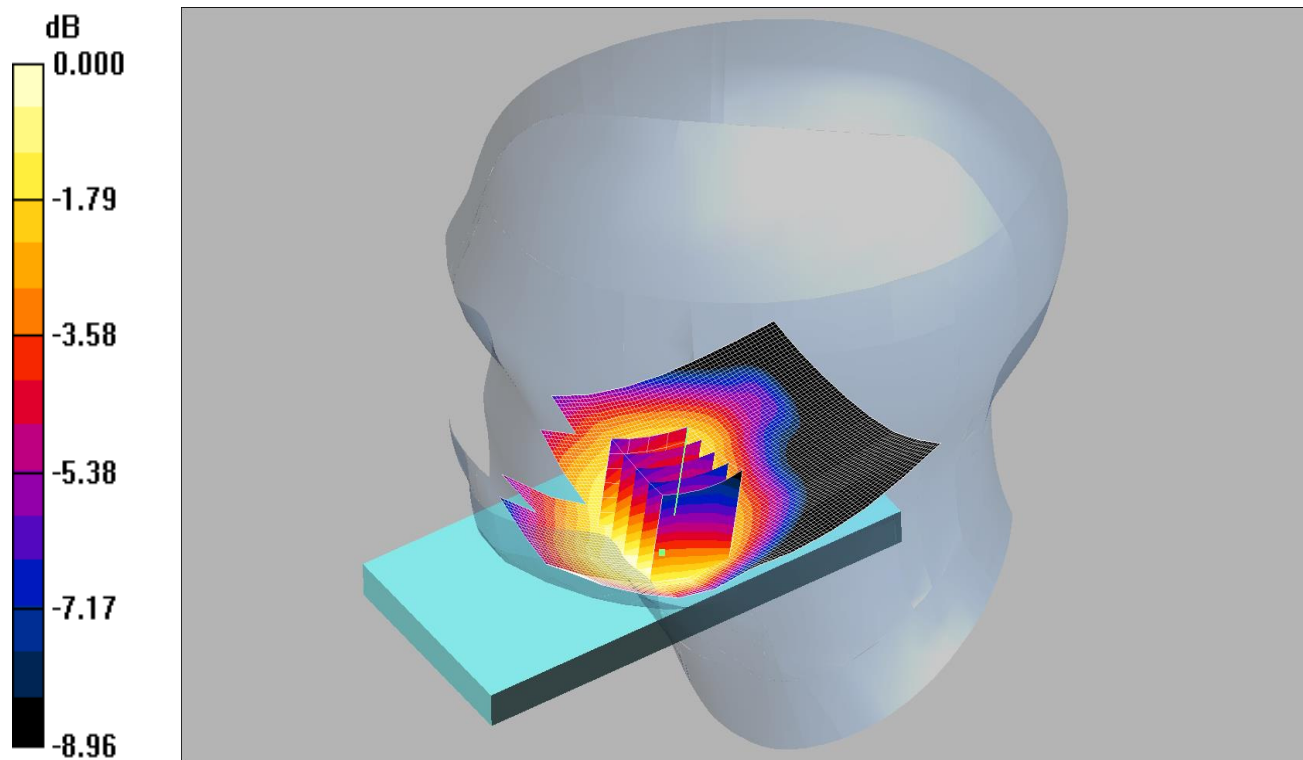
Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.024 mW/g

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

Date: 15/04/2016

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



0 dB = 0.030mW/g

Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 1.76 V/m; Power Drift = -0.022 dB

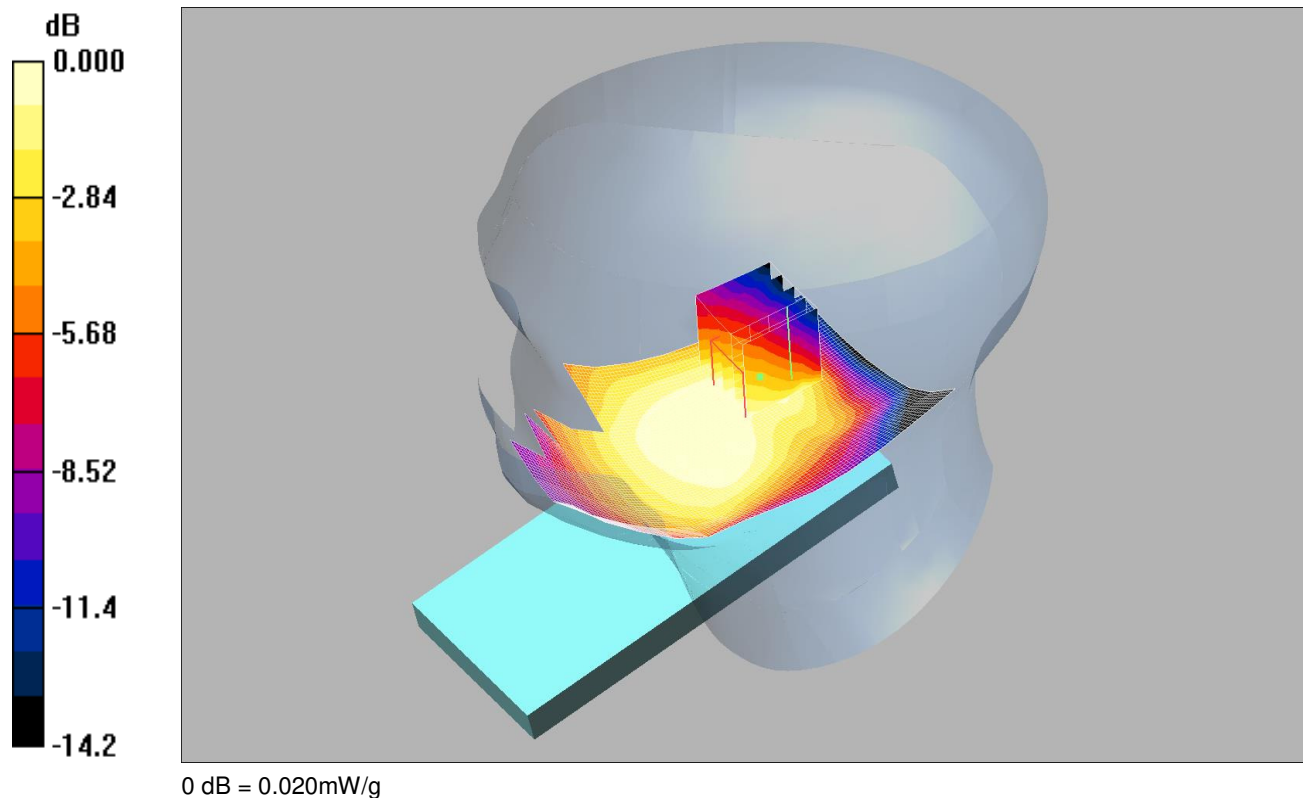
Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.021 mW/g

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

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.021 mW/g

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

Reference Value = 3.38 V/m; Power Drift = 0.039 dB

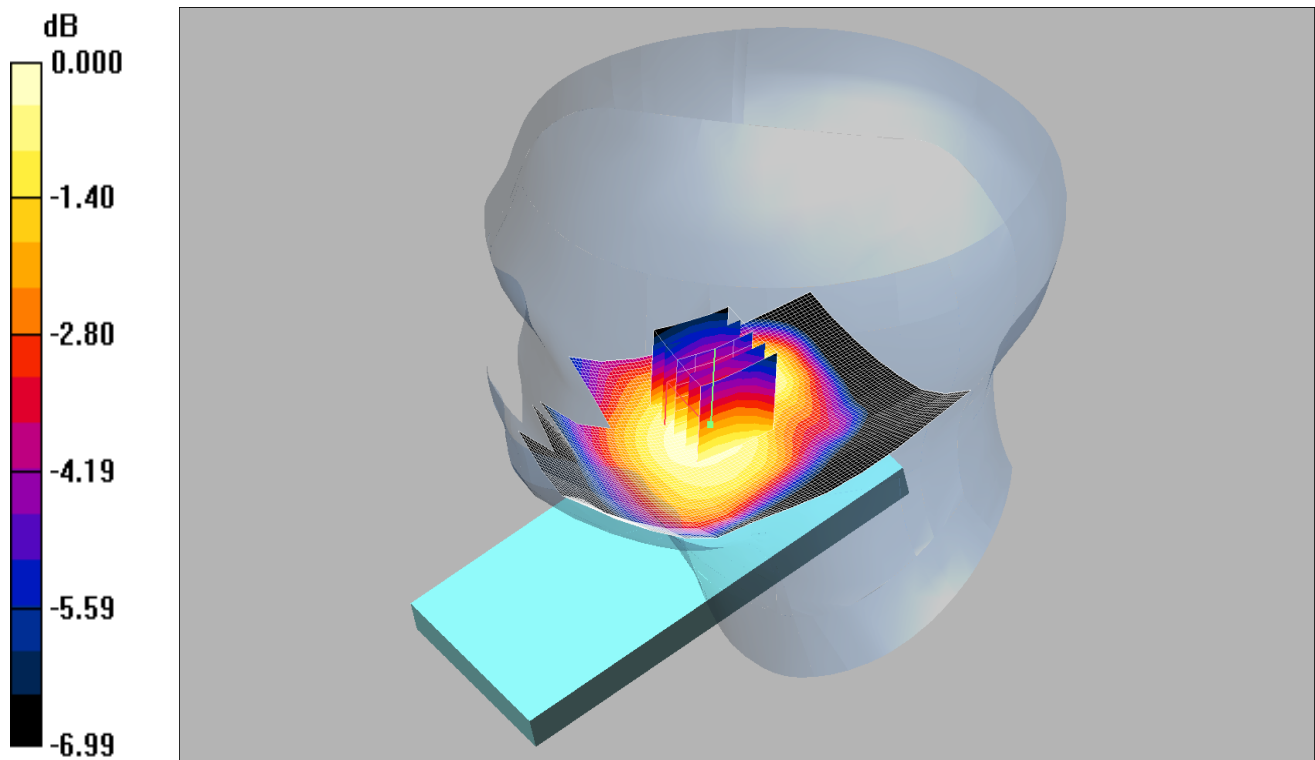
Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.020 mW/g

Date: 15/04/2016

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



0 dB = 0.016mW/g

Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

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

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

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

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

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

Maximum value of SAR (interpolated) = 0.016 mW/g

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

Reference Value = 2.78 V/m; Power Drift = 0.037 dB

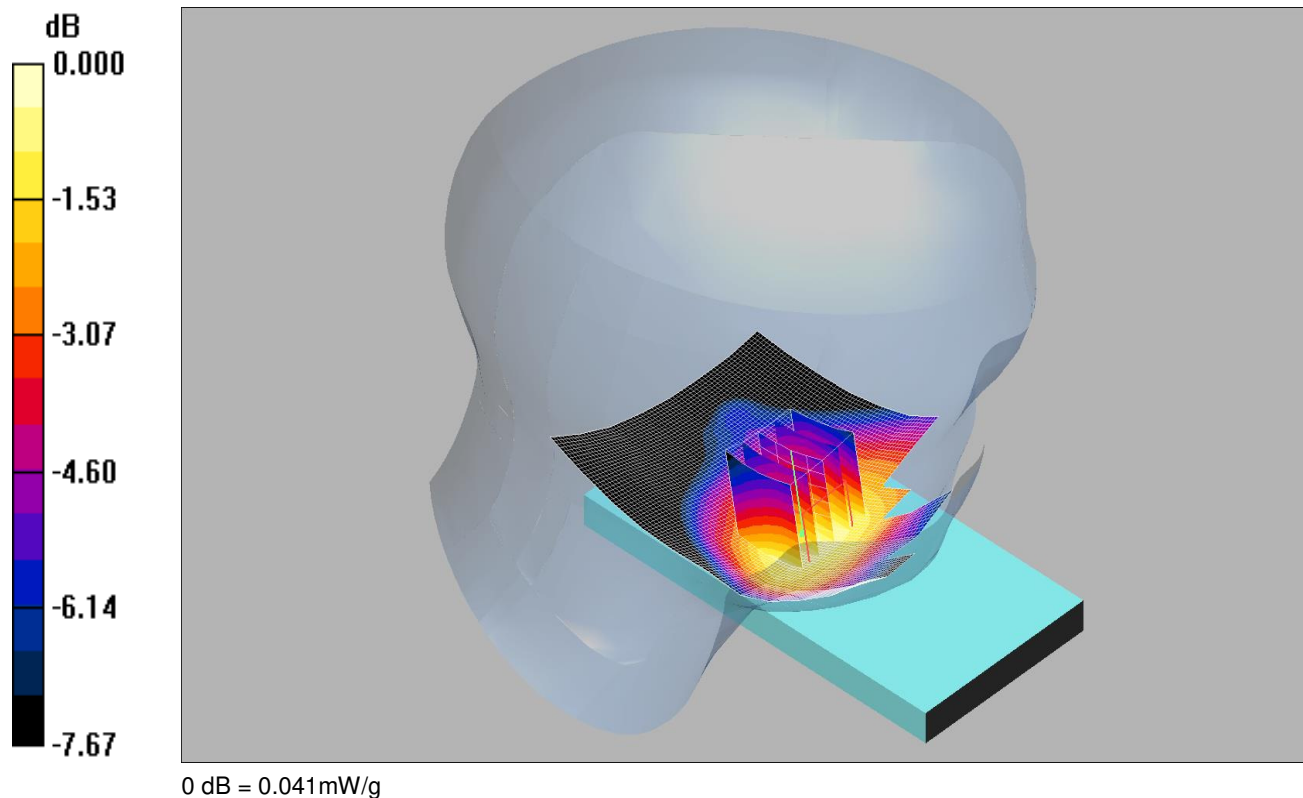
Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.016 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.038 mW/g

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

Reference Value = 2.30 V/m; Power Drift = 0.042 dB

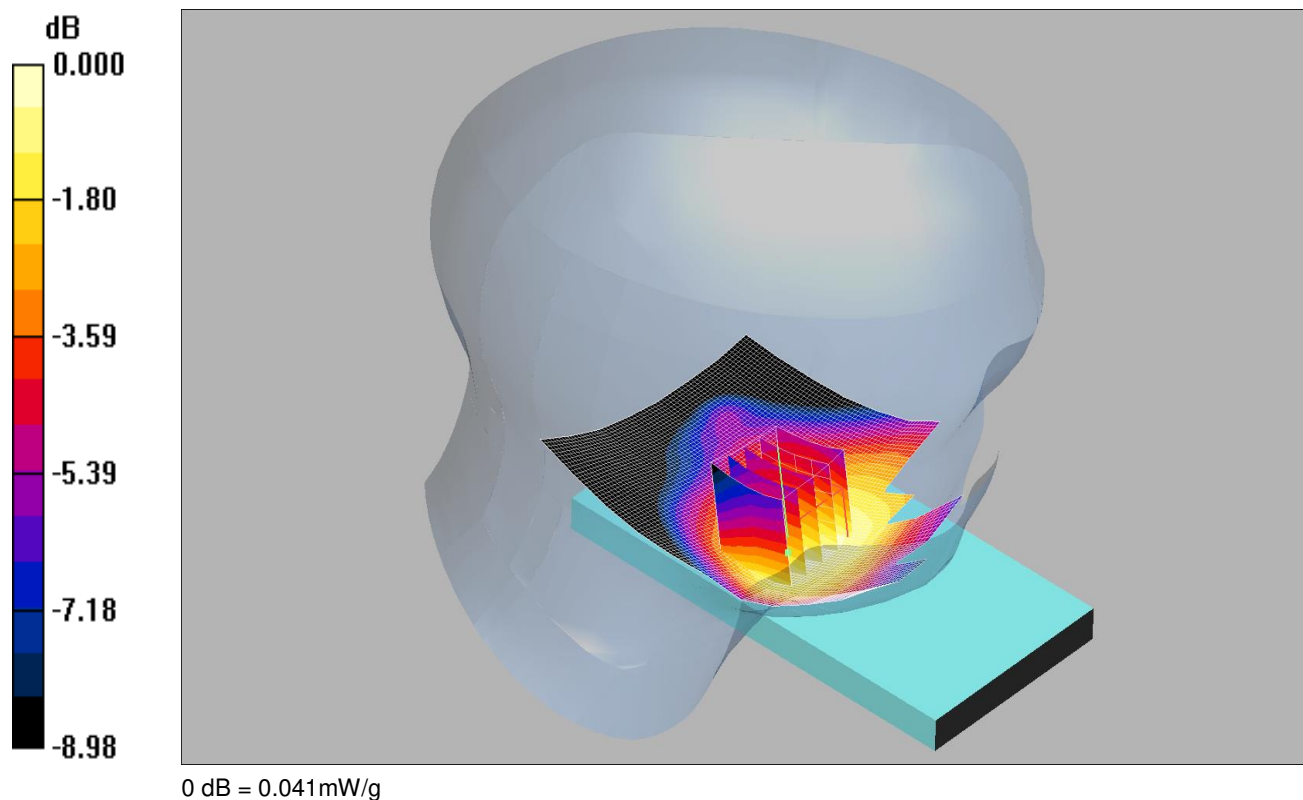
Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.041 mW/g

Date: 15/04/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.041 mW/g

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

Reference Value = 2.36 V/m; Power Drift = 0.128 dB

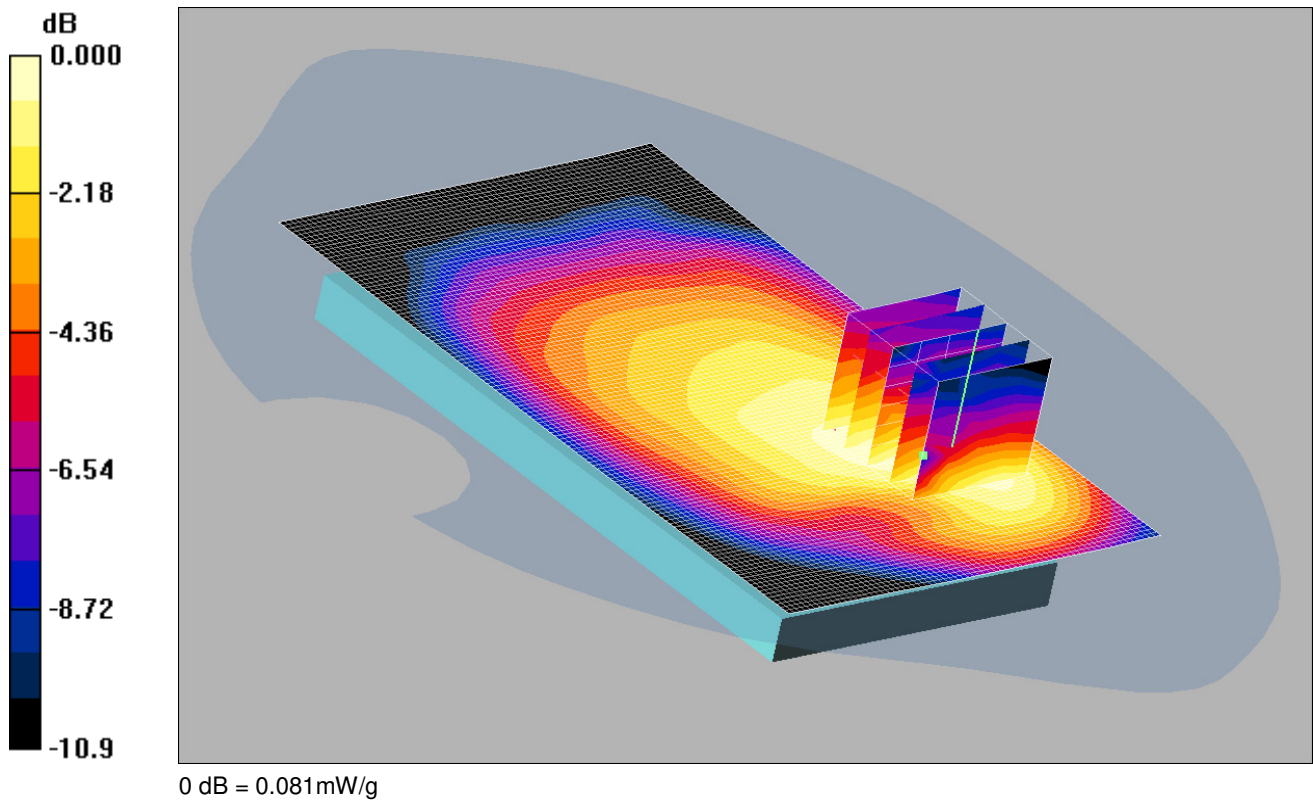
Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.041 mW/g

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

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

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

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

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

Front 1RB low - Hotspot - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

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

Reference Value = 7.99 V/m; Power Drift = 0.074 dB

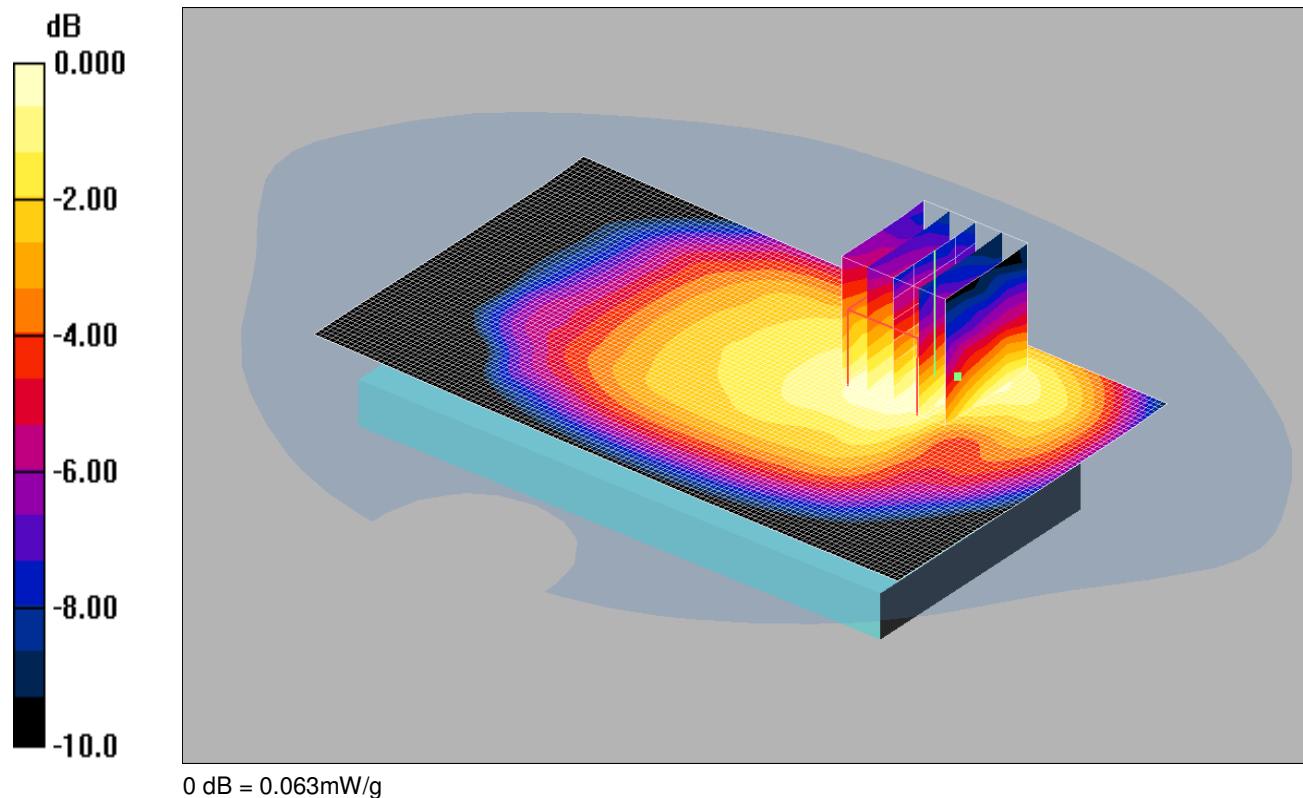
Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.049 mW/g

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

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Front 50%RB Mid - Hotspot - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.063 mW/g

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

Reference Value = 8.60 V/m; Power Drift = 0.064 dB

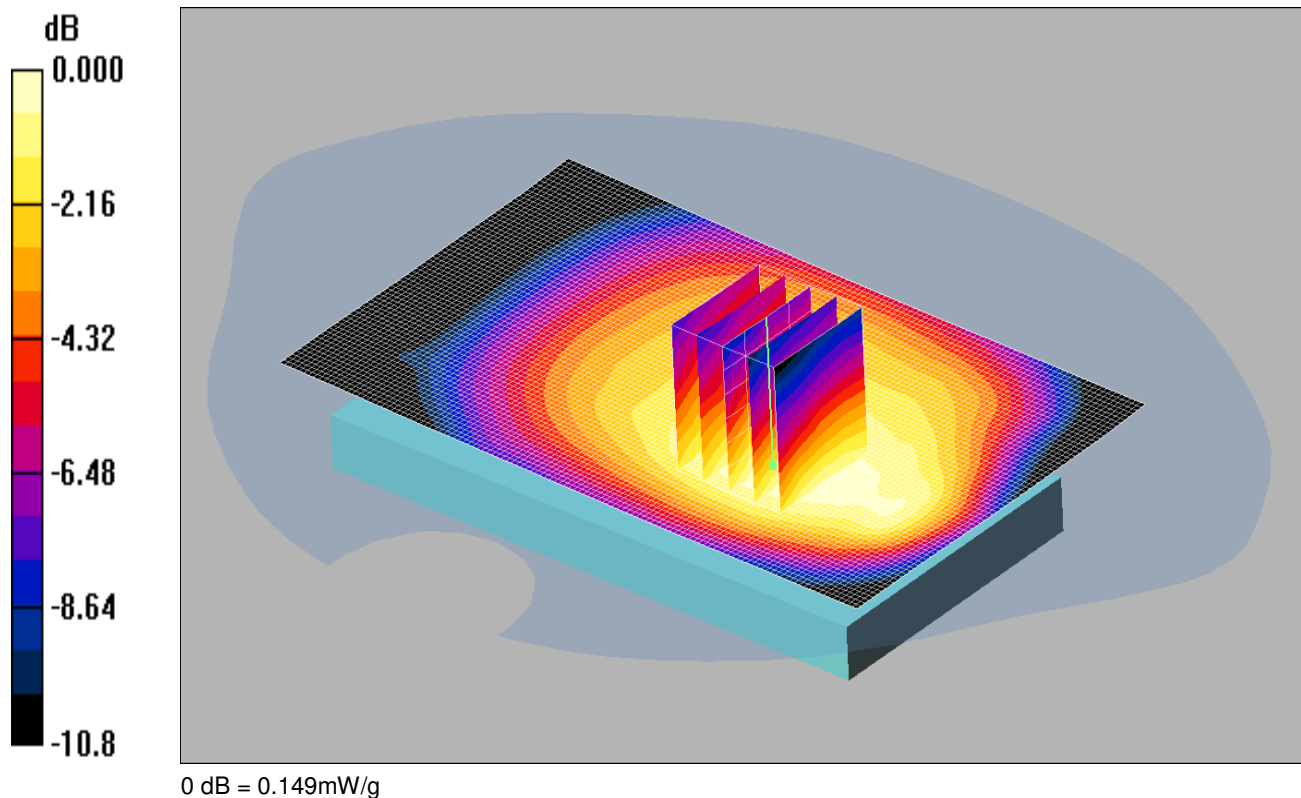
Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

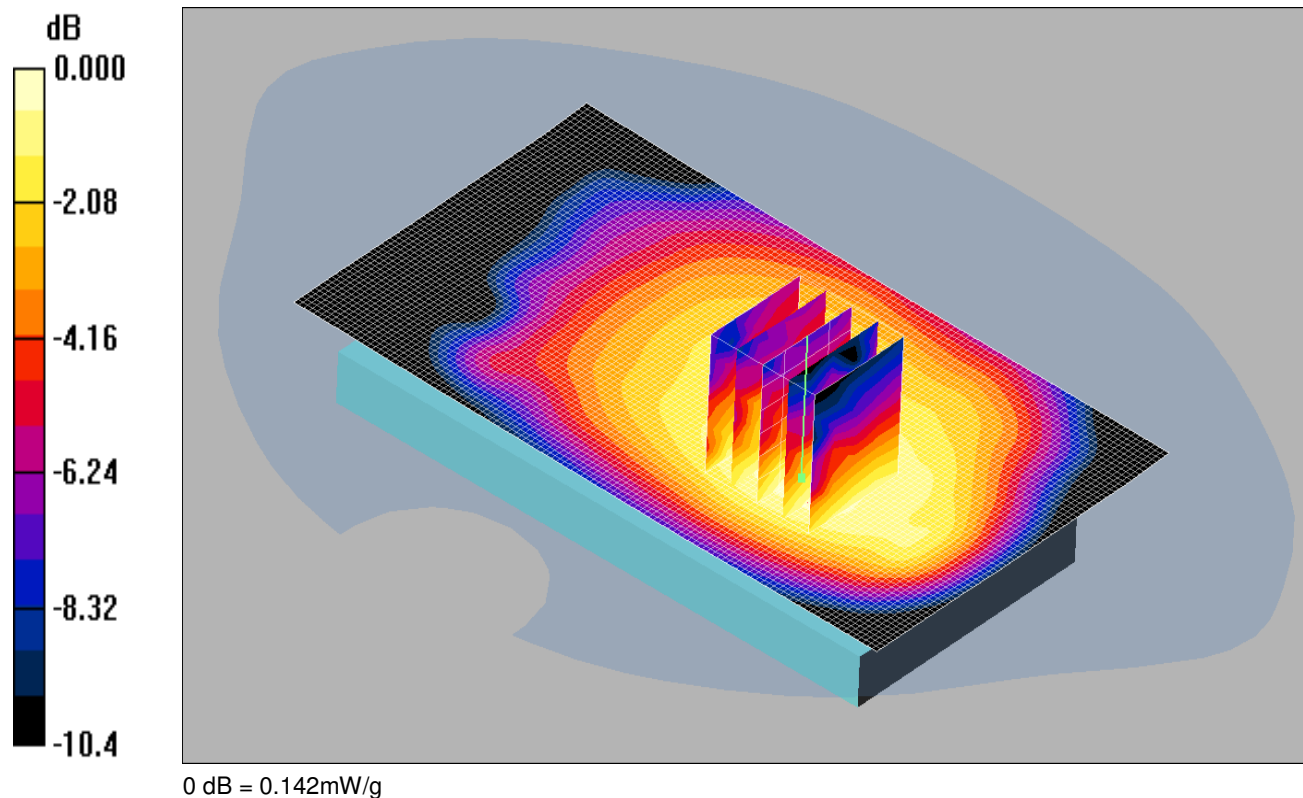
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back 1RB low - Hotspot - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g

Back 1RB low - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.149 mW/g

Date/: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Back 50%RB Middle - Hotspot - PBx/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.134 mW/g

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

Reference Value = 12.5 V/m; Power Drift = -0.023 dB

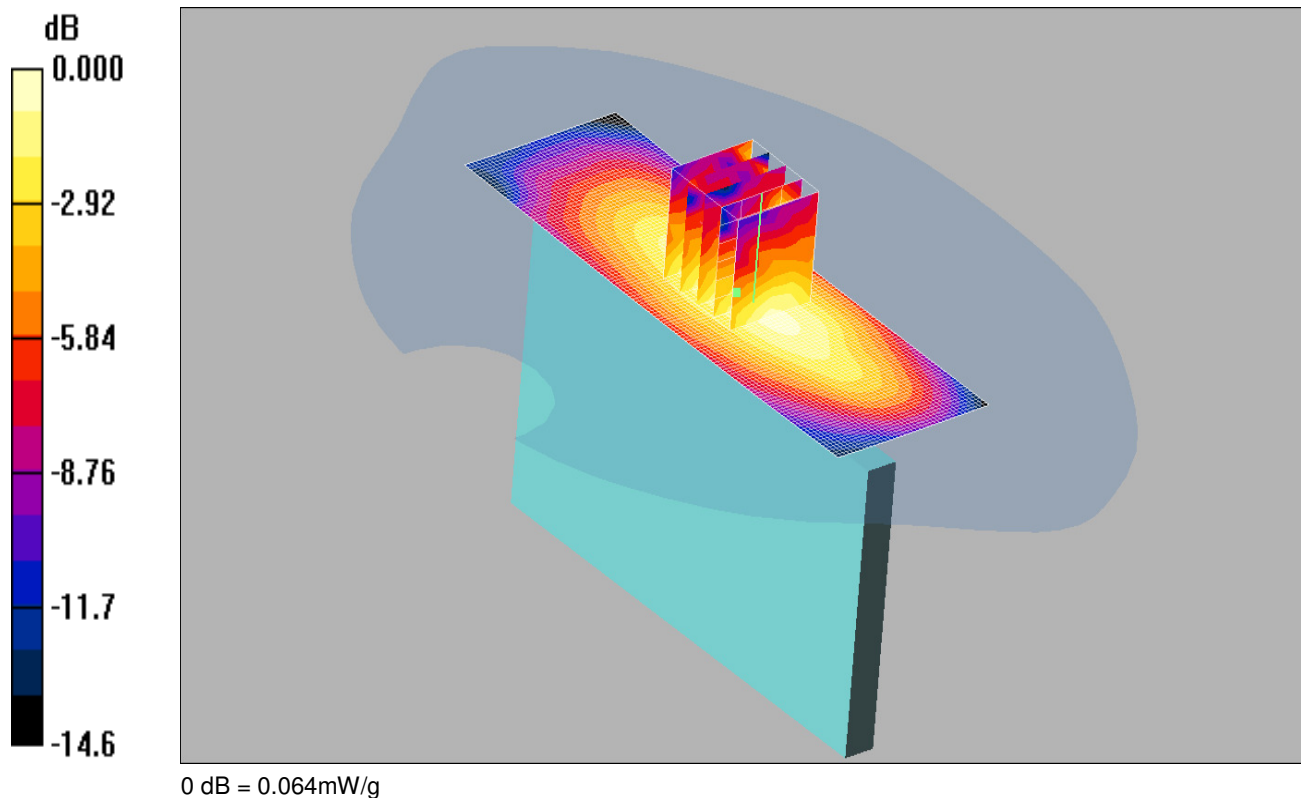
Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.099 mW/g

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

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

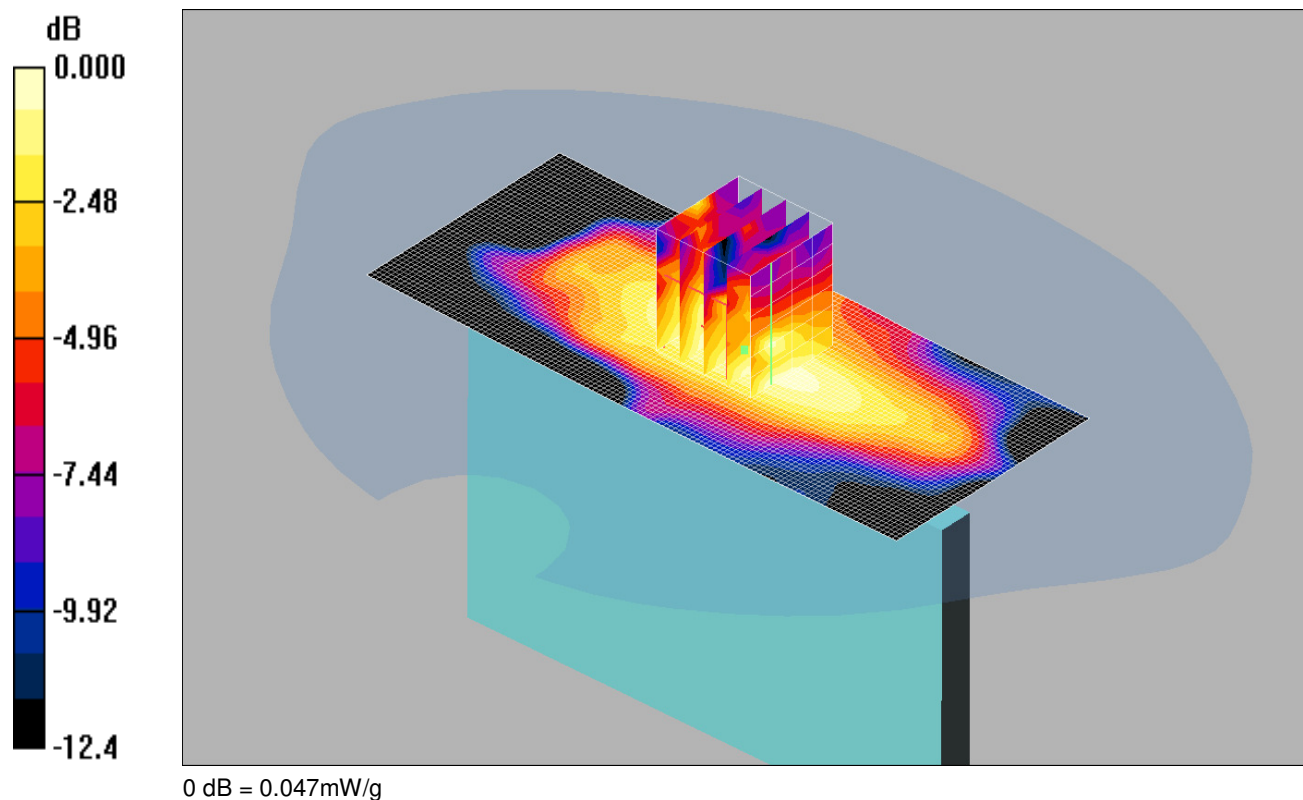
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right 1RB low - Hotspot - PBx/Area Scan (41x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.057 mW/g

Right 1RB low - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.97 V/m; Power Drift = 2.26 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.064 mW/g

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Right 50%RB Mid - Hotspot - PBx/Area Scan 2 (51x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.15 V/m; Power Drift = 0.180 dB

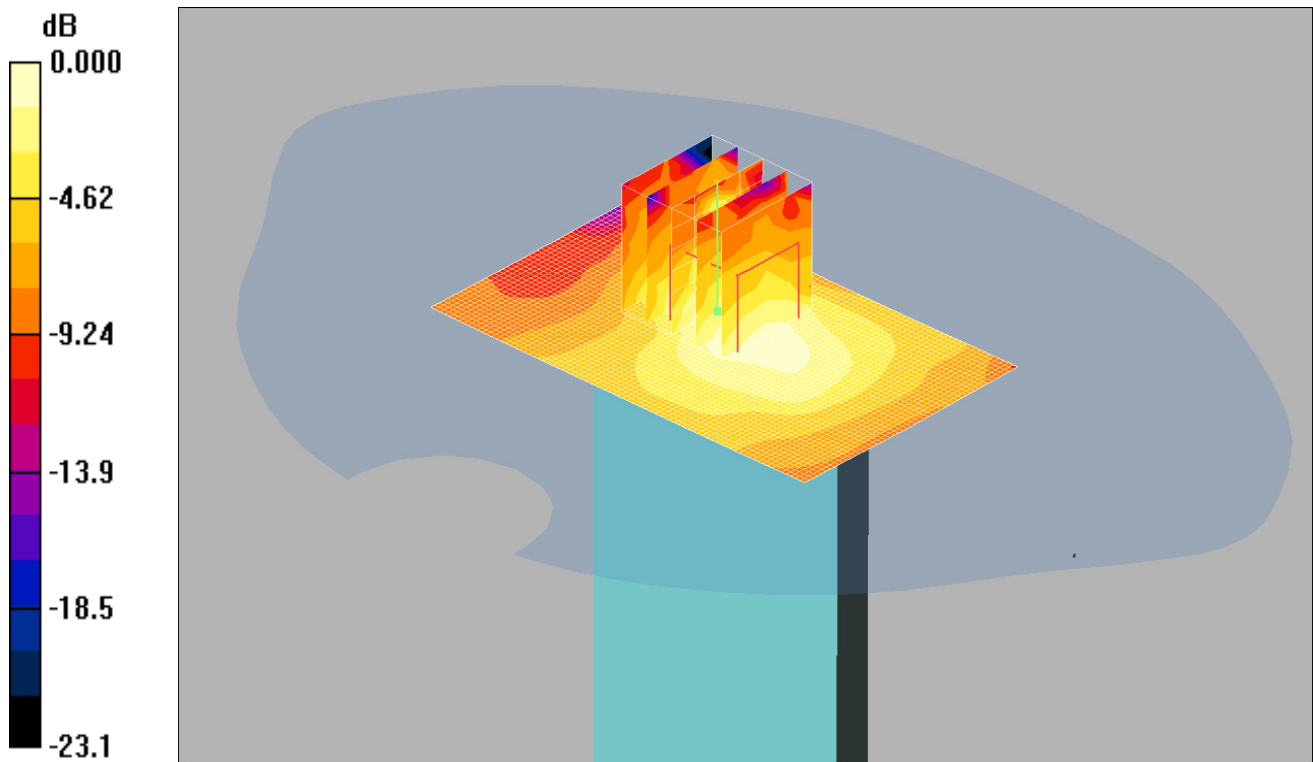
Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.030 mW/g

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

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Right 1RB low - Hotspot - PBx/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.42 V/m; Power Drift = 0.022 dB

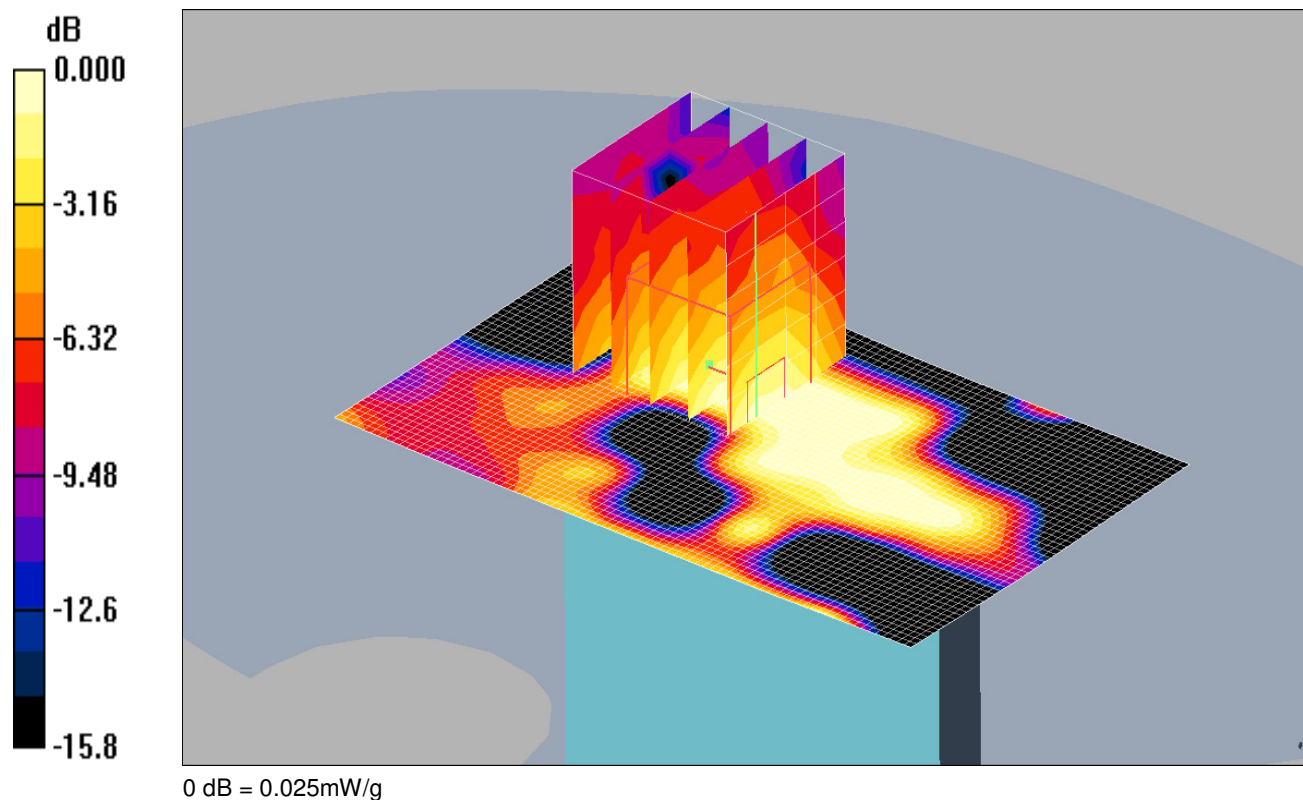
Peak SAR (extrapolated) = 0.059 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.013 mW/g

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

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Bottom 50%RB Middle - Hotspot - PBx/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.24 V/m; Power Drift = 0.185 dB

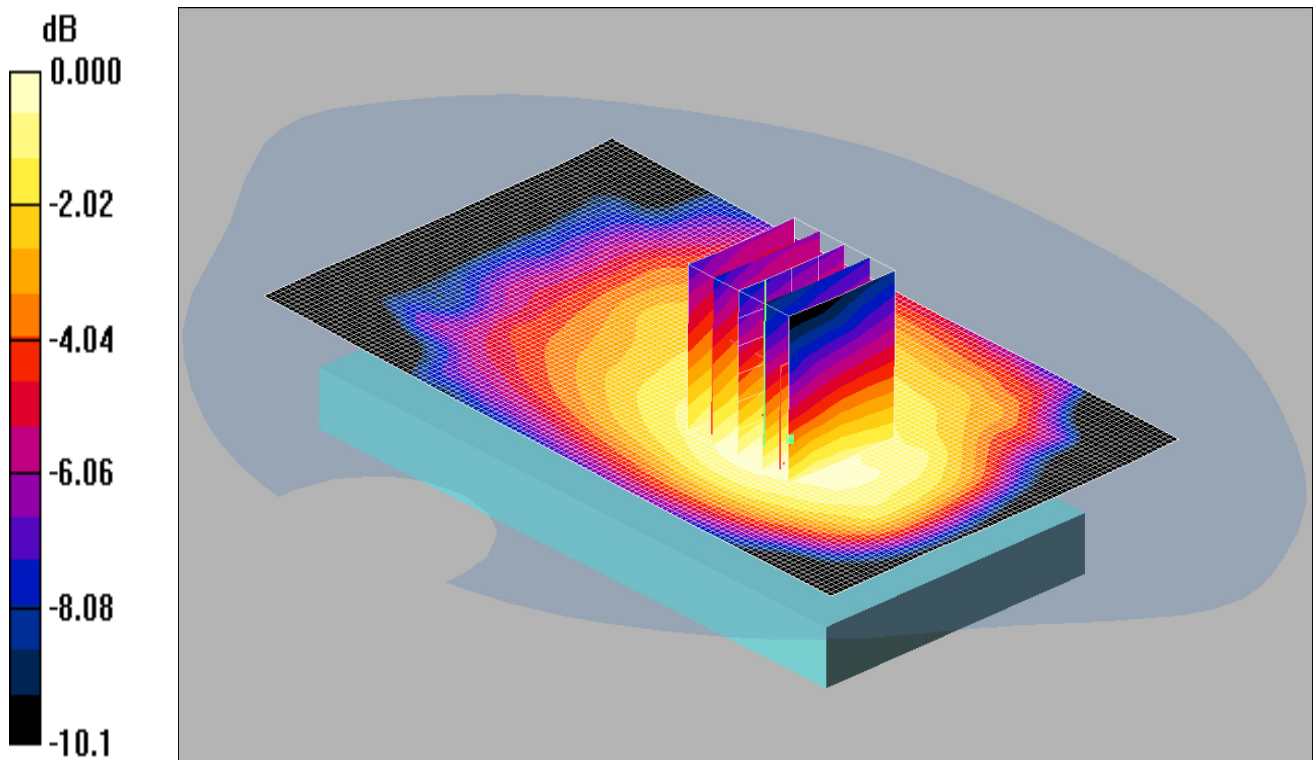
Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.014 mW/g

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

Date: 10/05/2016

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



0 dB = 0.165mW/g

Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.166 mW/g

Back 1RB 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 = 0.087 dB

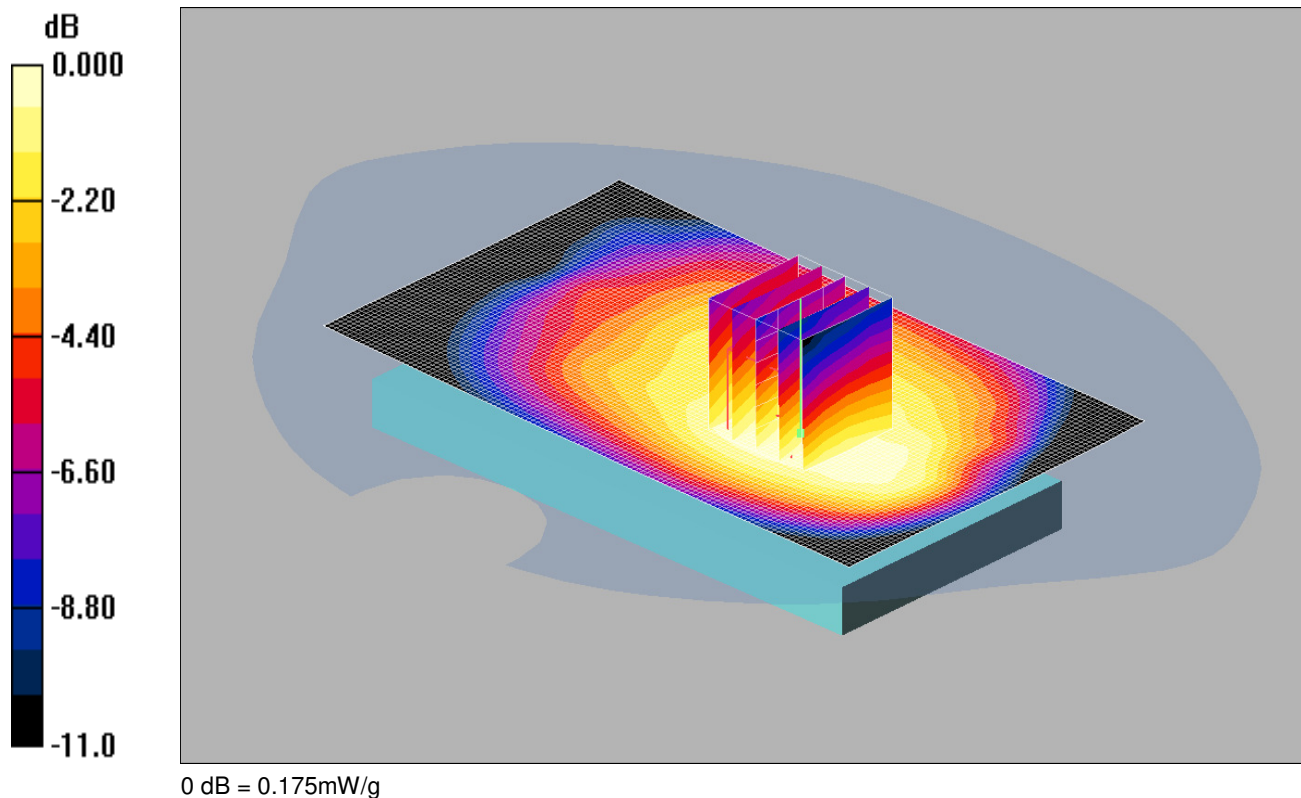
Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.115 mW/g

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

Date: 10/05/2016

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



Communication System: LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 14.4 V/m; Power Drift = -0.032 dB

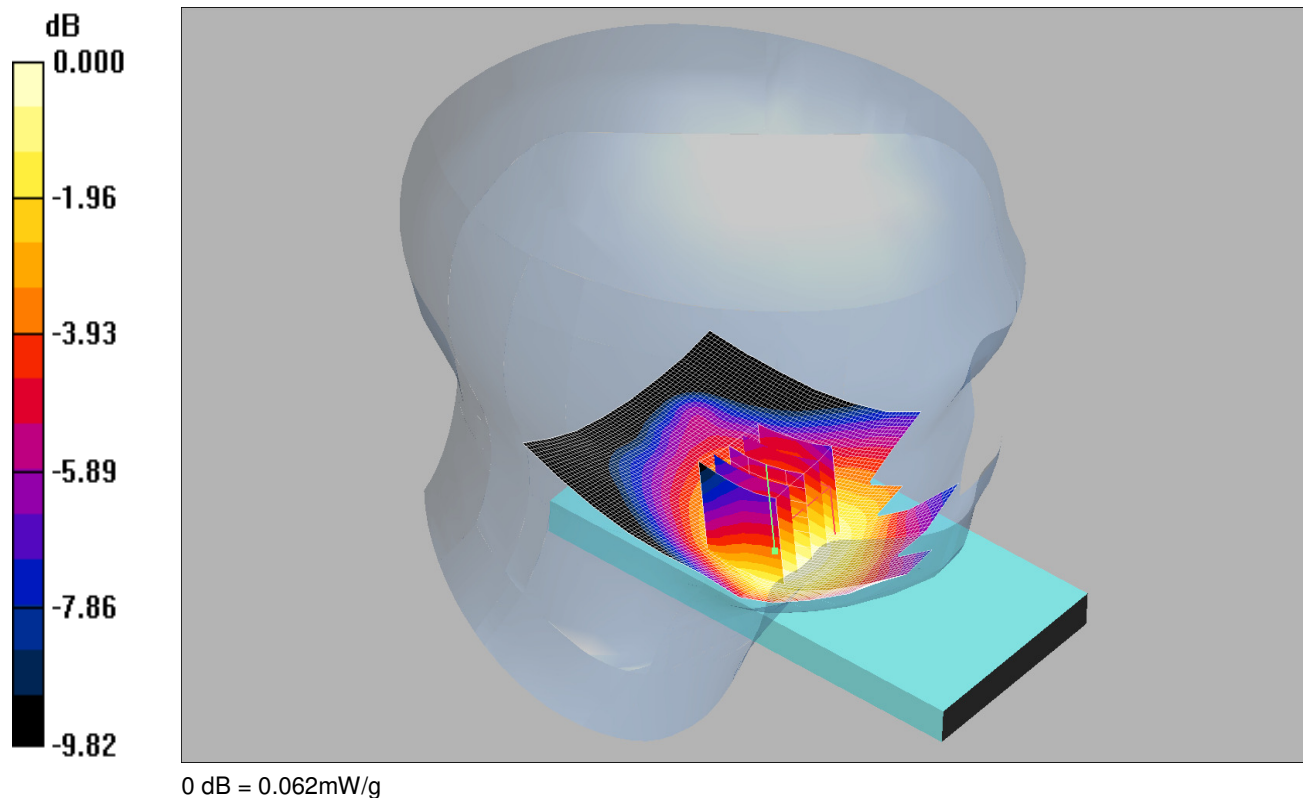
Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.175 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left - Head - PBx/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Touch Left - Head - PBx/Zoom Scan (5x5x7) 3 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.11 V/m; Power Drift = 0.063 dB

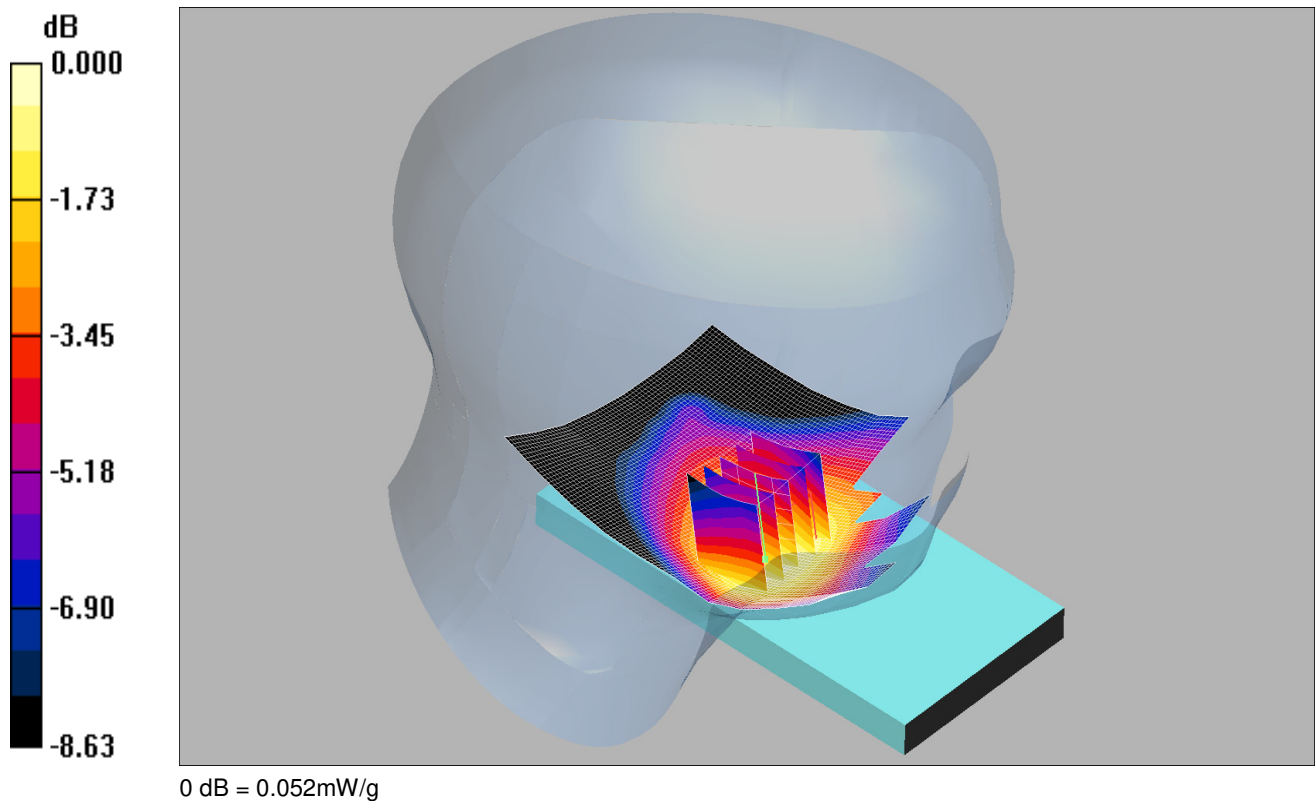
Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left - Head - PBx/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.053 mW/g

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

Reference Value = 2.77 V/m; Power Drift = 0.100 dB

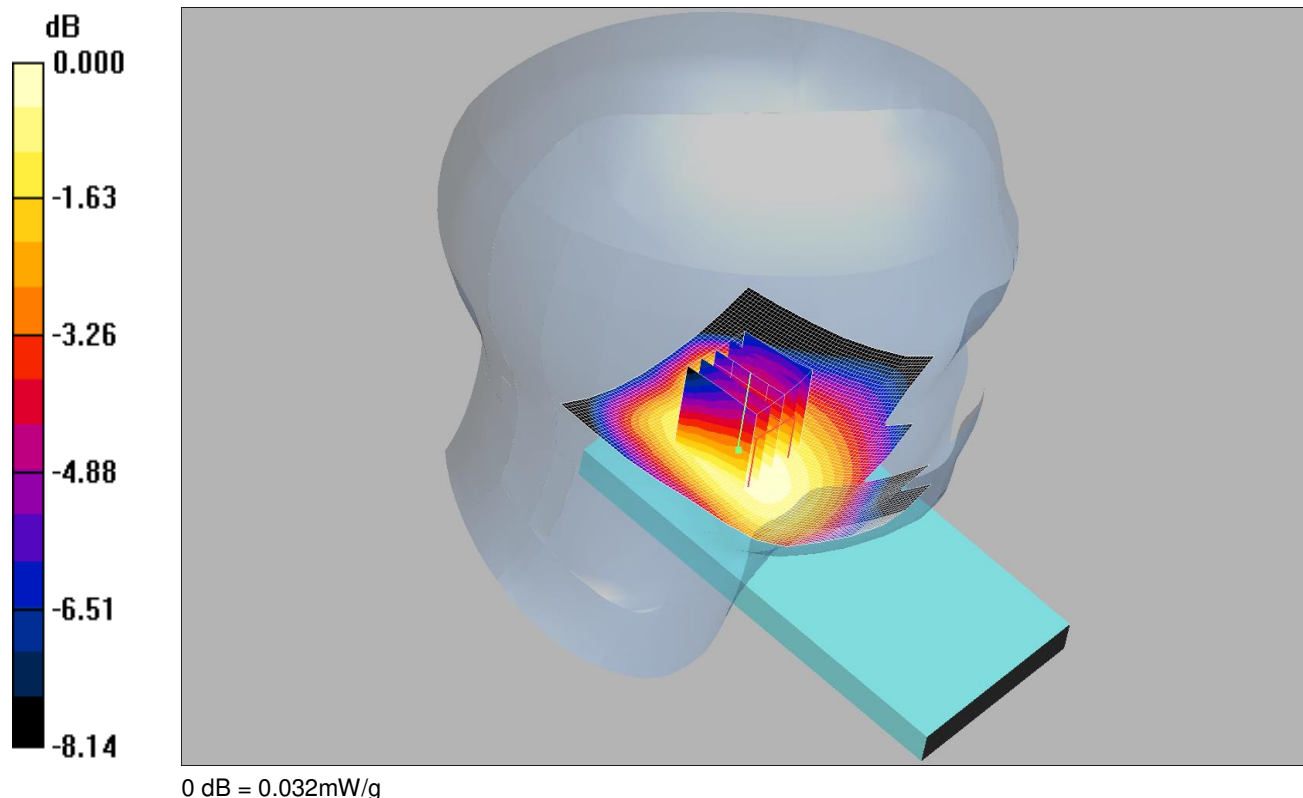
Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Left - Head - PBx/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 4.27 V/m; Power Drift = 0.053 dB

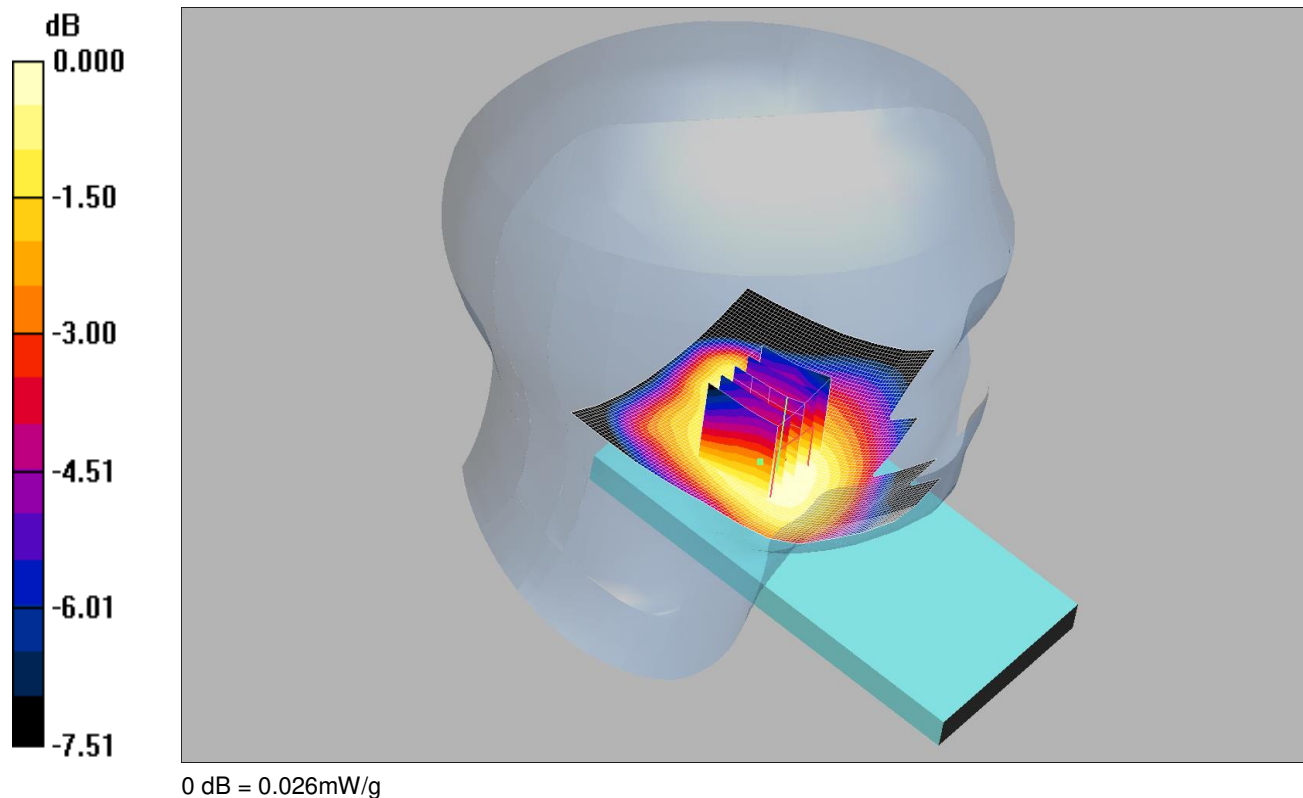
Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.026 mW/g

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

Reference Value = 3.72 V/m; Power Drift = 0.035 dB

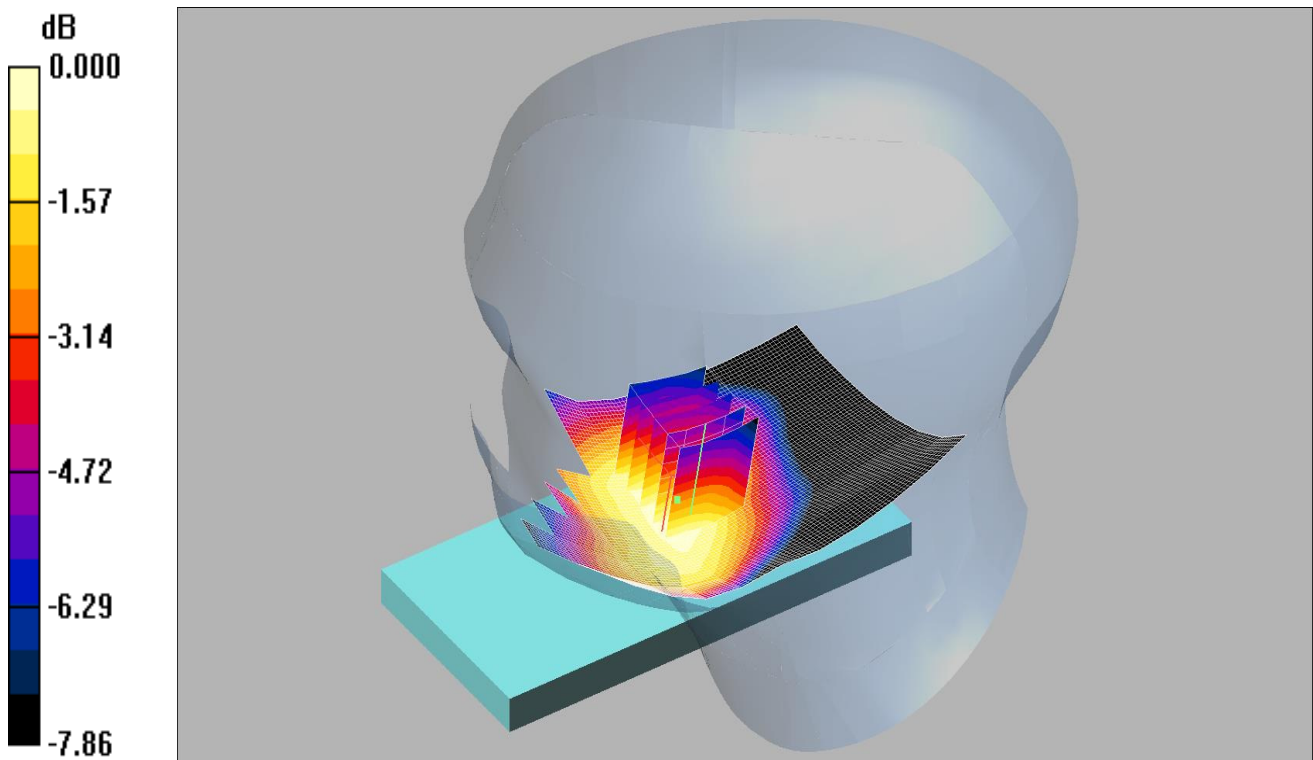
Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

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

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

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

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

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

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

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

Reference Value = 2.28 V/m; Power Drift = -0.014 dB

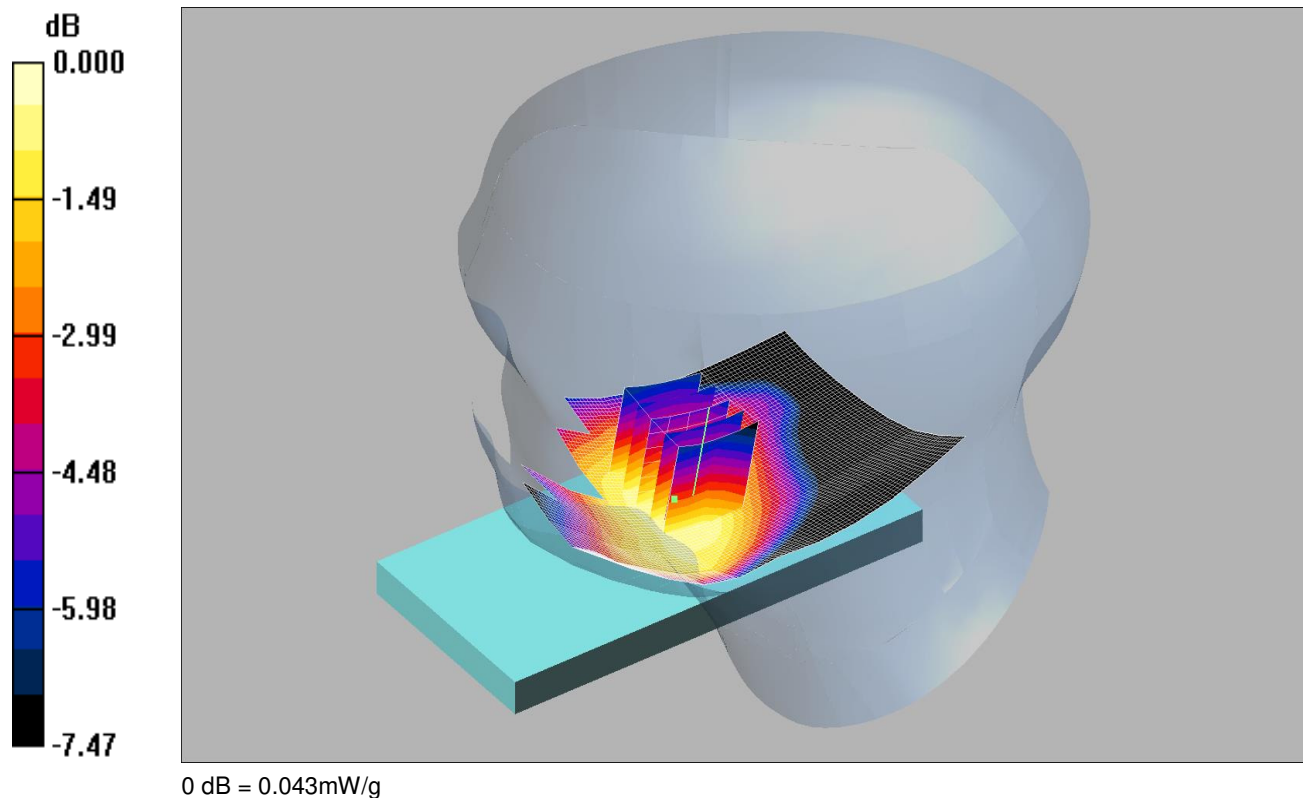
Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.041 mW/g

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

Reference Value = 2.19 V/m; Power Drift = -0.061 dB

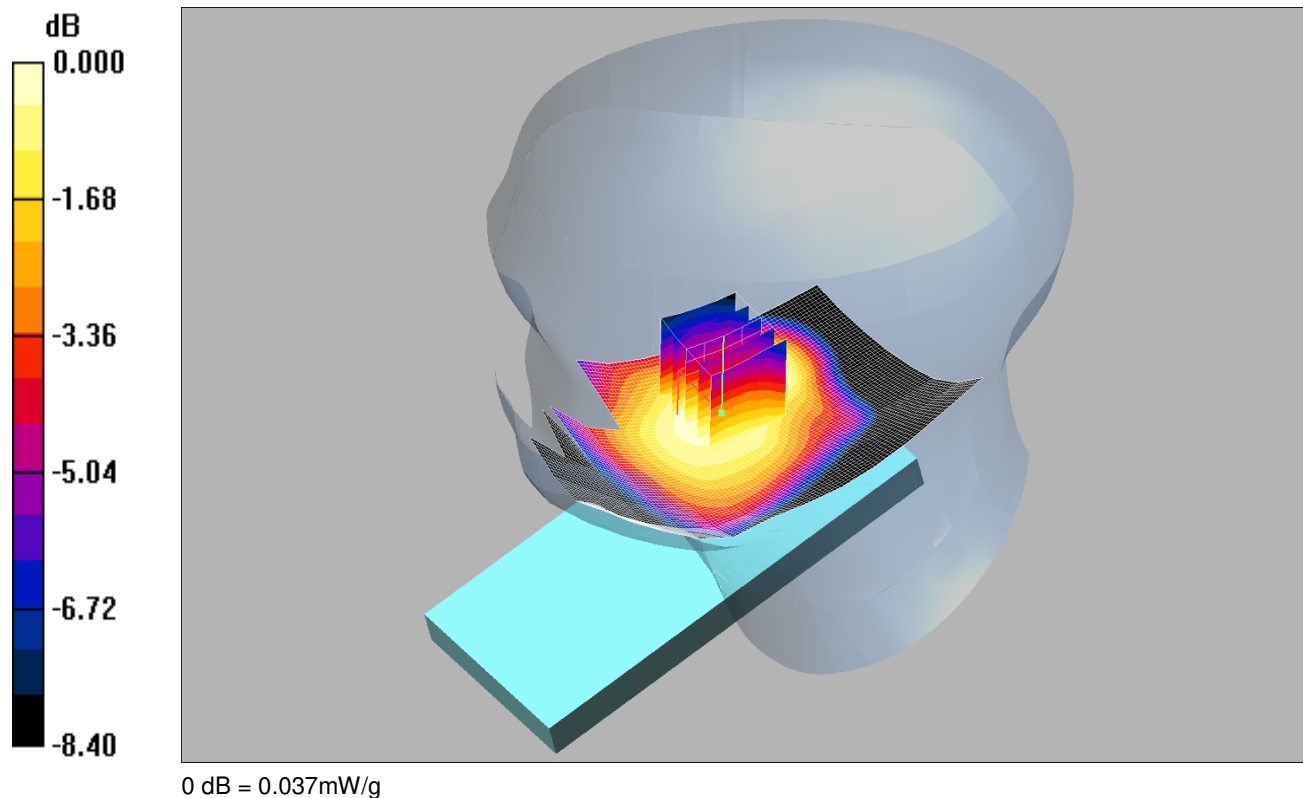
Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.030 mW/g

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

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.946 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 3.76 V/m; Power Drift = 0.199 dB

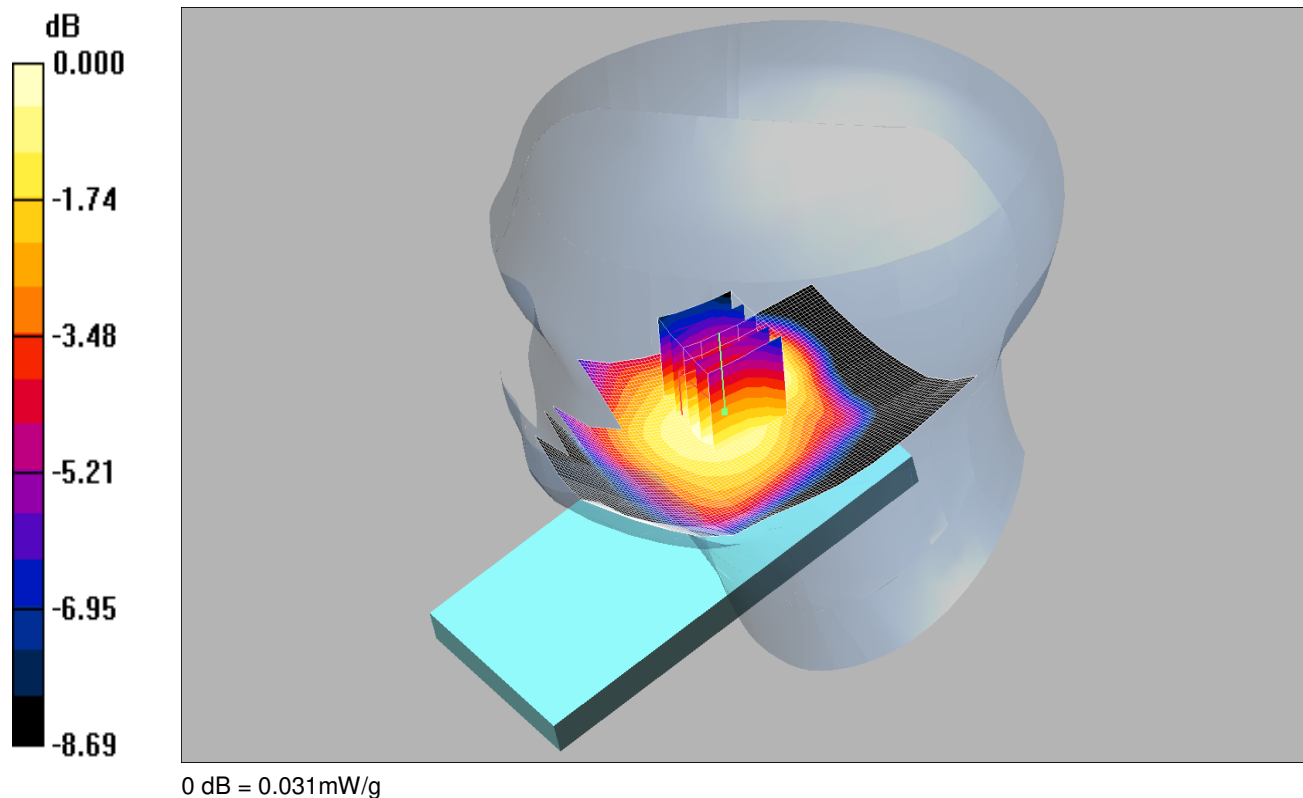
Peak SAR (extrapolated) = 0.043 W/kg

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

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

Date: 16/04/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.946$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

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

Reference Value = 3.47 V/m; Power Drift = -0.066 dB

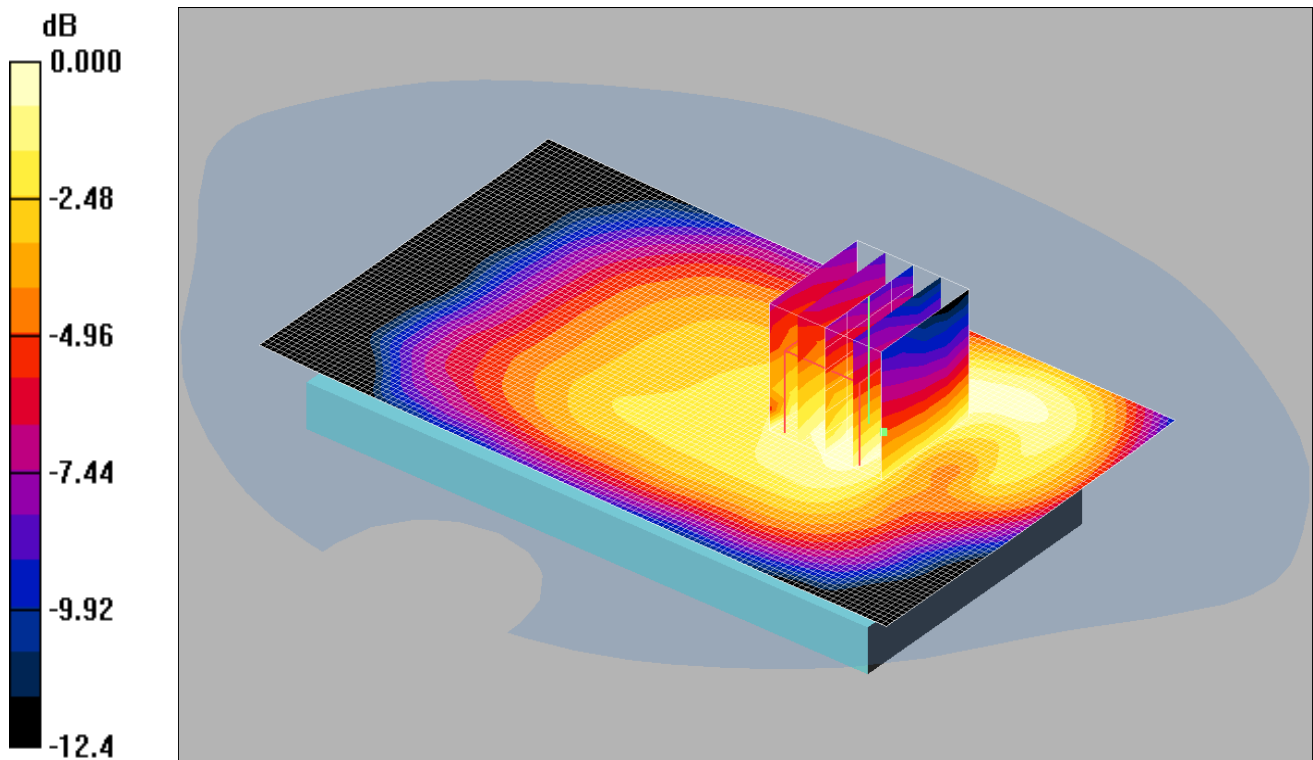
Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.022 mW/g

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

Date: 12/05/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.949$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

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

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

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

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

Front 1RB High - Hotspot - PBx 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.162 mW/g

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

Reference Value = 13.1 V/m; Power Drift = -0.163 dB

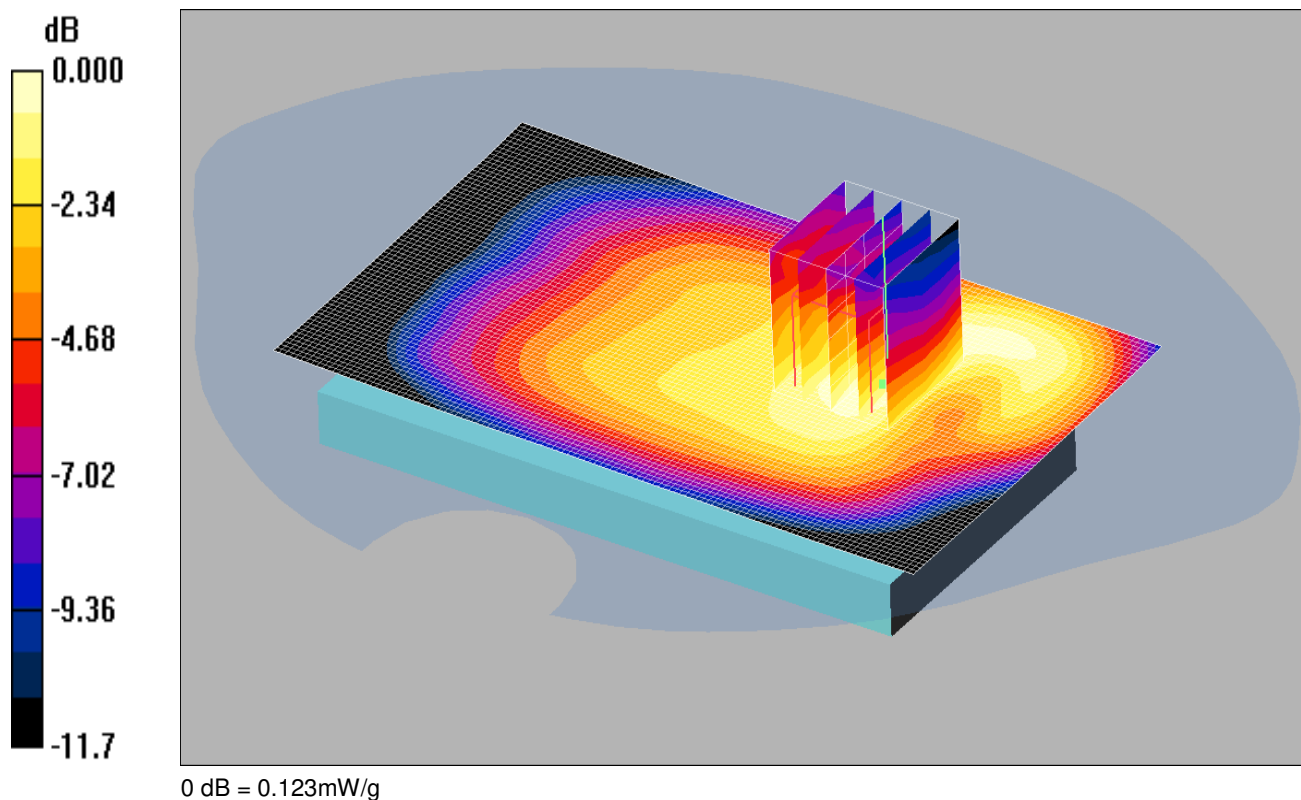
Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.159 mW/g

Date: 12/05/2016

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



Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.949$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.123 mW/g

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

Reference Value = 11.4 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.123 mW/g