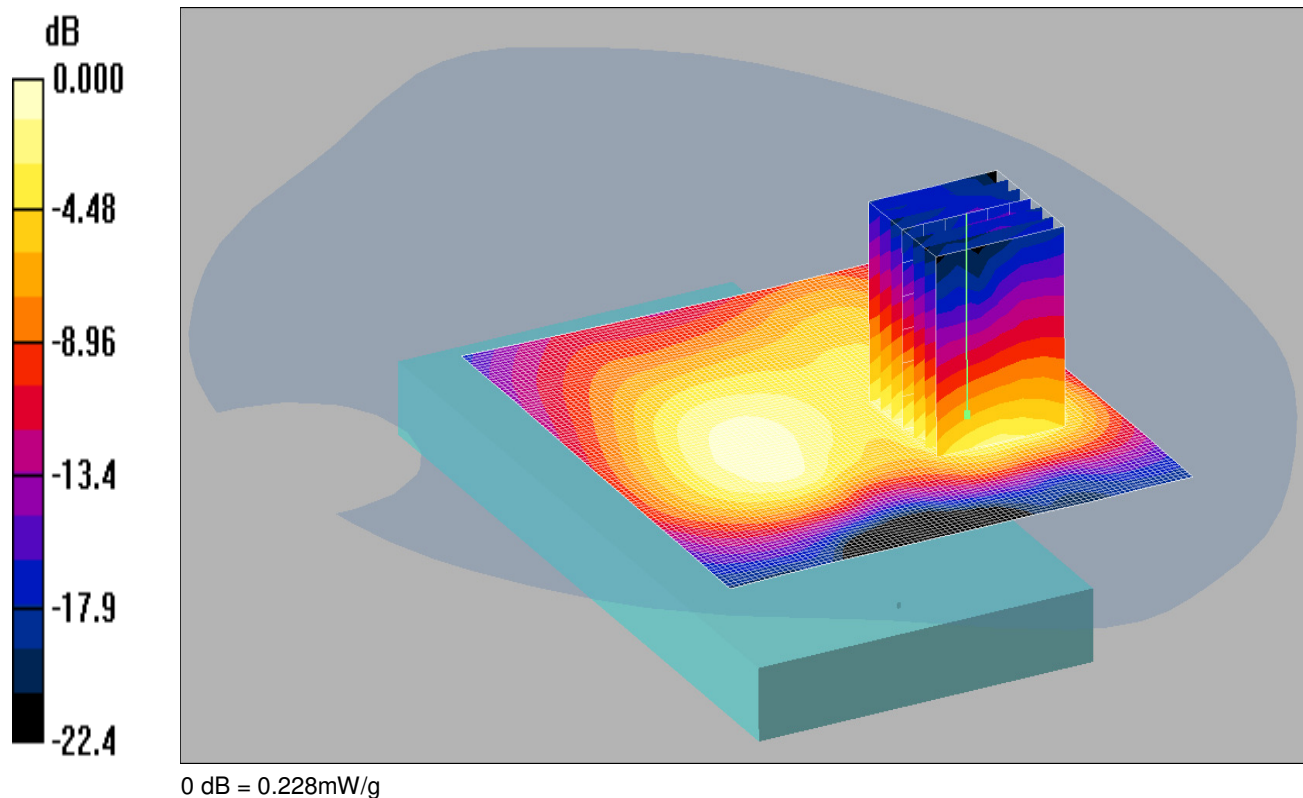


Date: 18/05/2016

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 18

Back 1 RB Low - Hotspot - PB1/Area Scan (91x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.237 mW/g

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

Reference Value = 9.07 V/m; Power Drift = -0.075 dB

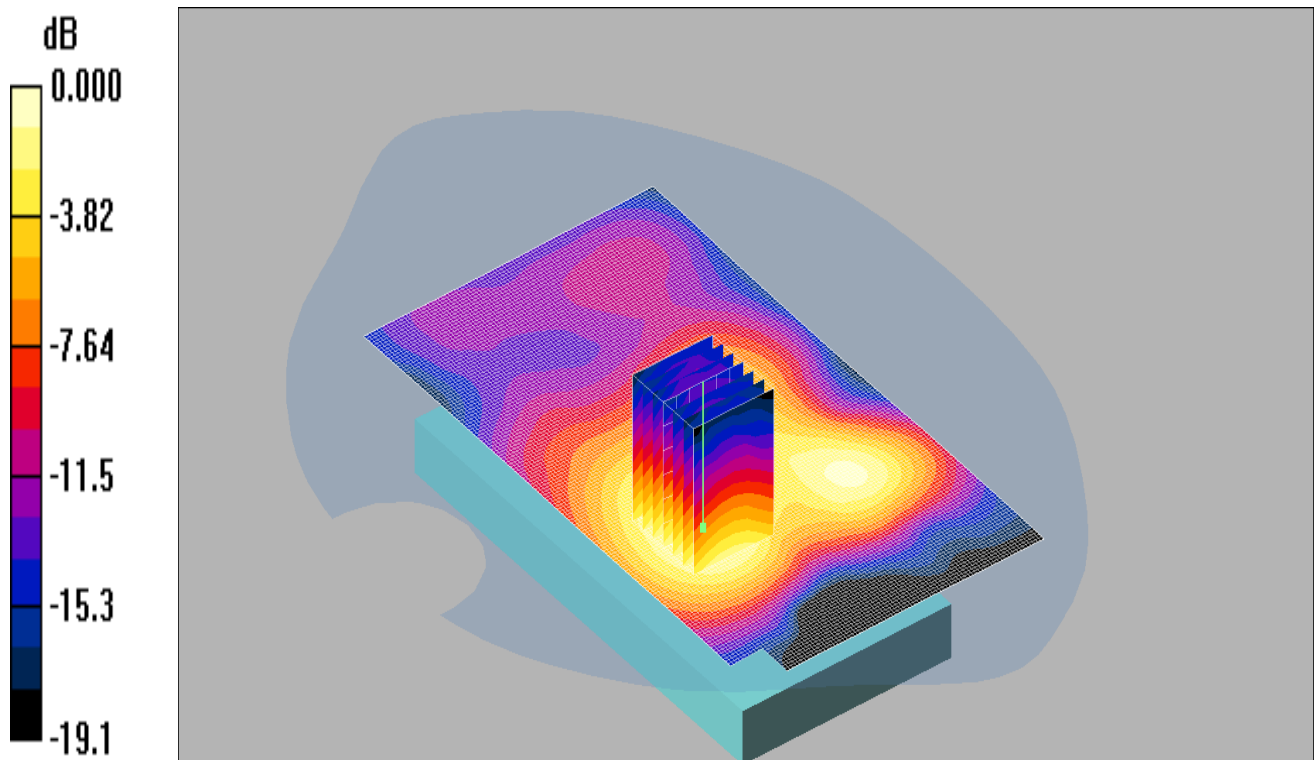
Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.093 mW/g

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

Date: 16/05/2016

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



0 dB = 0.164mW/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
Back of EUT 1RB Low - Bodyworn - PB0 /Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.168 mW/g

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

Reference Value = 4.71 V/m; Power Drift = 0.163 dB

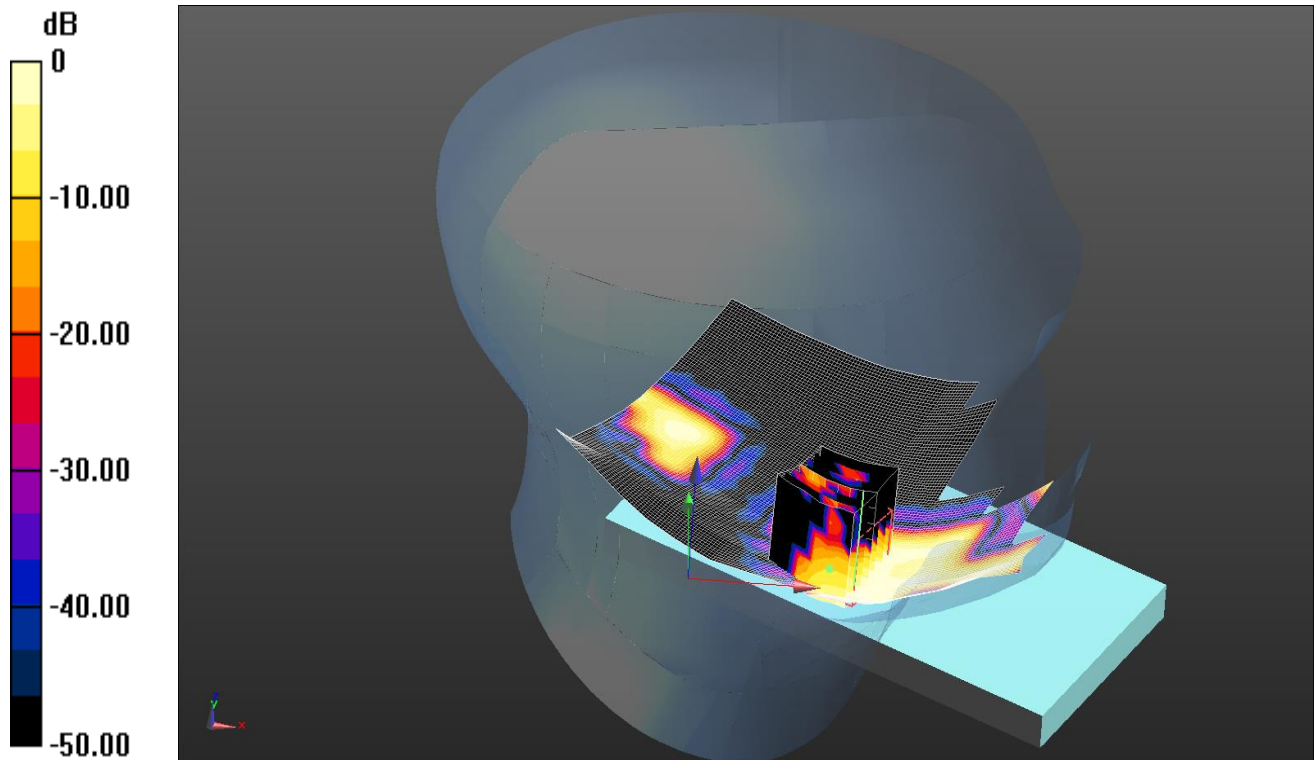
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.079 mW/g

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

Date: 29/04/2016

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



0 dB = 0.0353 W/kg = -14.52 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/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) = 0.0402 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 = 3.485 V/m; Power Drift = 0.97 dB

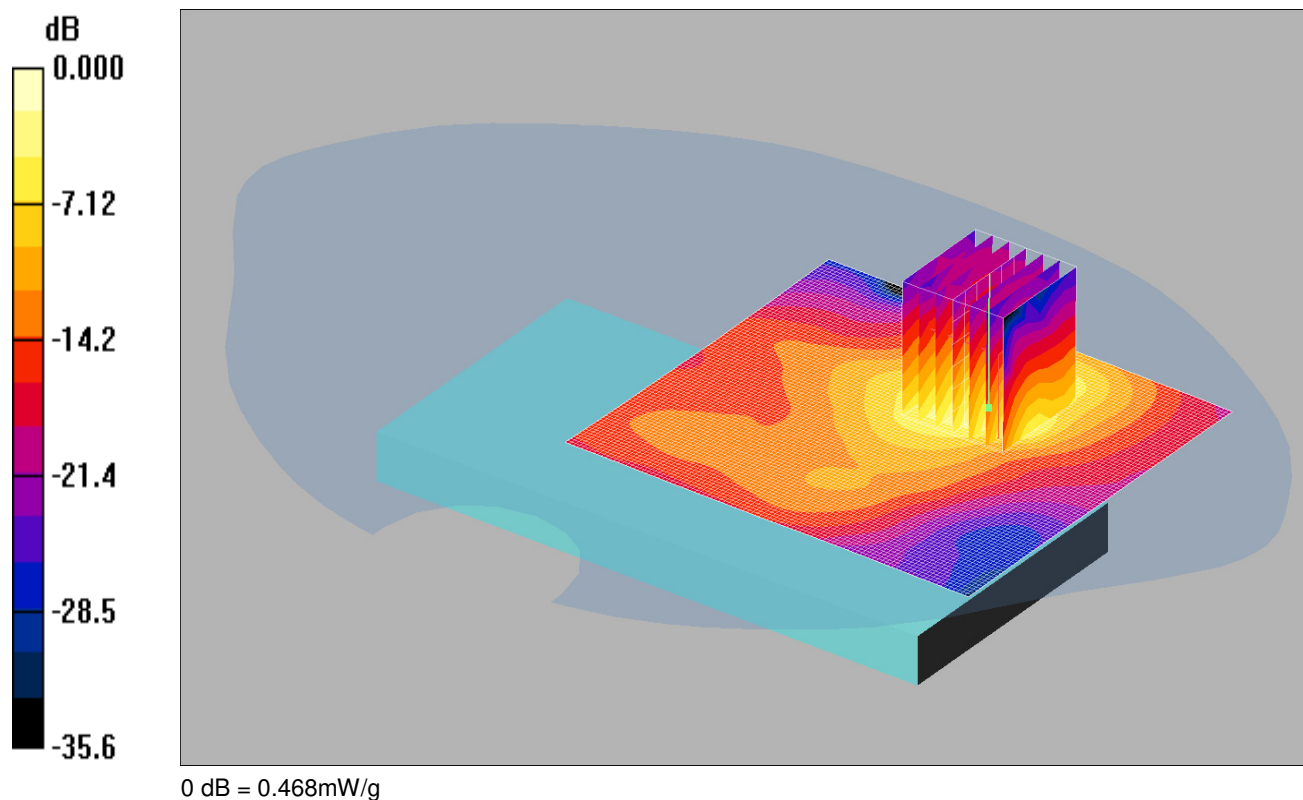
Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00805 W/kg

Maximum value of SAR (measured) = 0.0353 W/kg

Date: 13/05/2016

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



Communication System: LTE - Band 41/ 20MHz Channel; Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1);
- 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 Middle - Hotspot - PBx/Area Scan (91x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.464 mW/g

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

Reference Value = 2.26 V/m; Power Drift = -0.050 dB

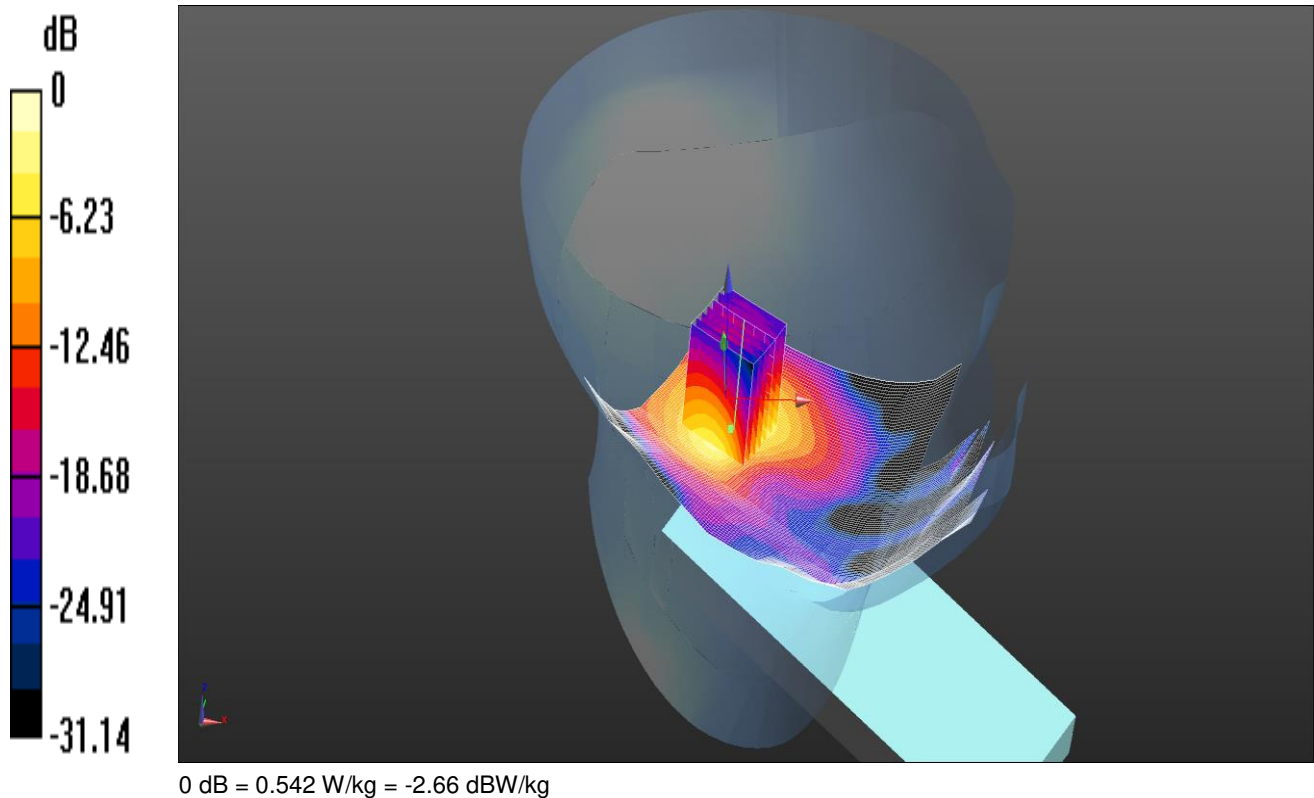
Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.468 mW/g

Date: 23/04/2016

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; $\sigma = 1.802$ S/m; $\epsilon_r = 39.992$; $\rho = 1000$ 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 (101x181x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.367 W/kg

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

Reference Value = 15.624 V/m; Power Drift = -0.02 dB

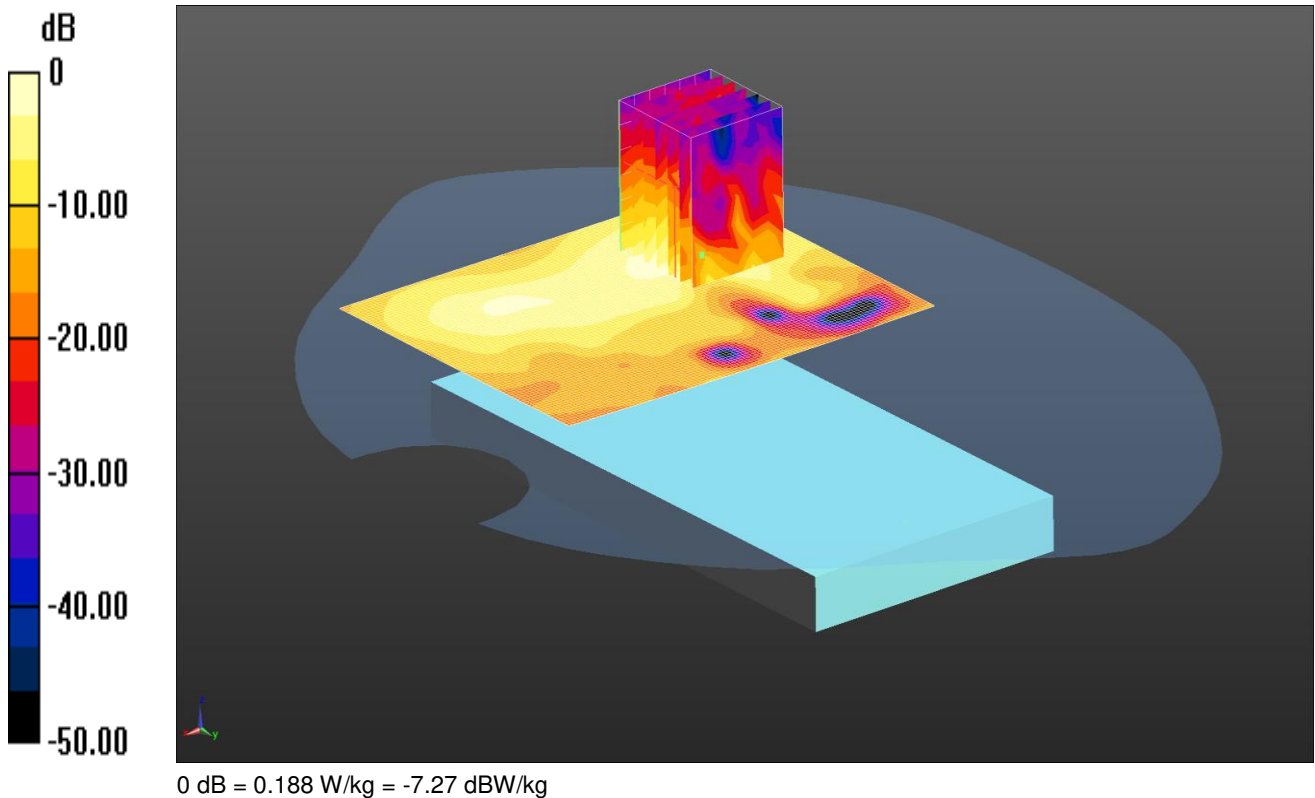
Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.542 W/kg

Date: 07/05/16

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/Back 802.11b MIMO Ant 1&2 - Hotspot - PBx/Area Scan (101x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.188 W/kg

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

Reference Value = 9.869 V/m; Power Drift = 0.02 dB

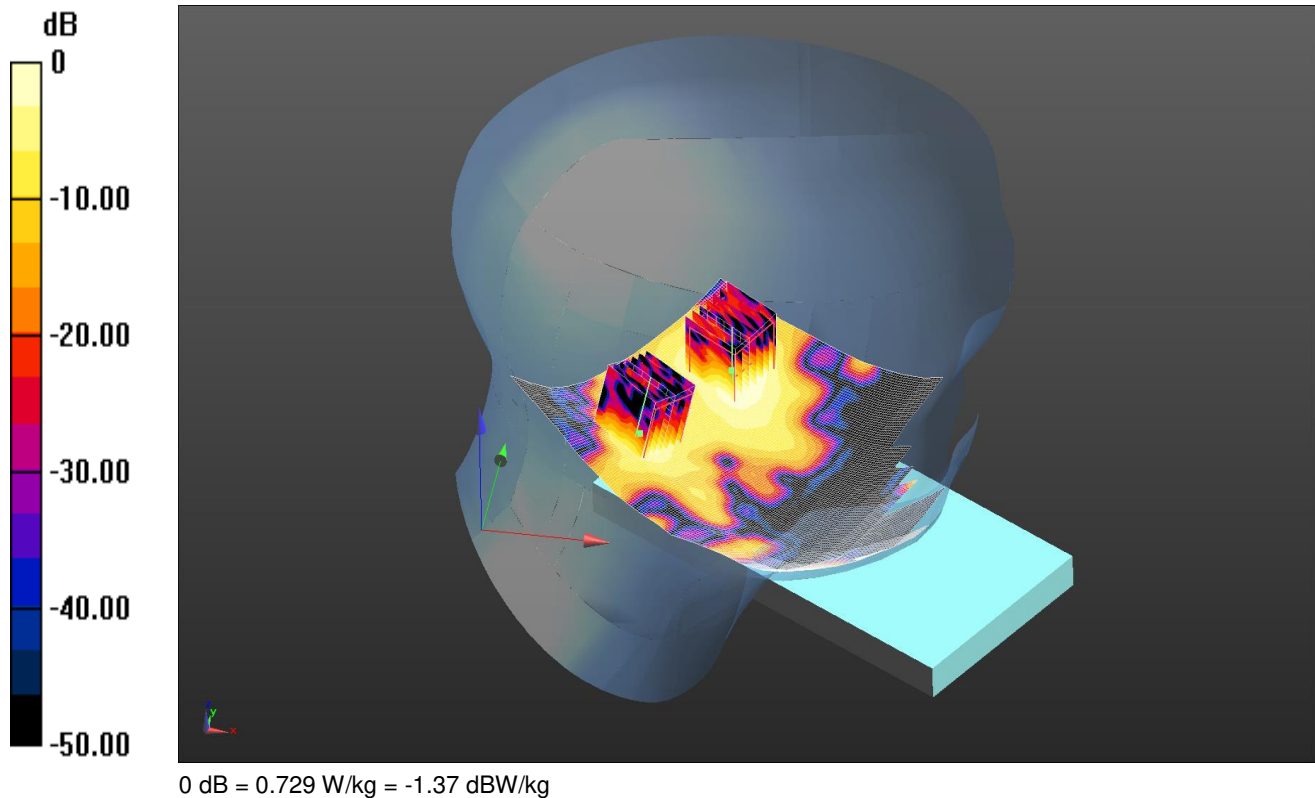
Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.071 W/kg

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

Date: 21/04/16

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



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5250/5600/5750 MHz HSL Medium parameters used: $f = 5500$ MHz; $\sigma = 4.921$ S/m; $\epsilon_r = 34.234$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.5, 4.5, 4.5); Calibrated: 21/03/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn431; Calibrated: 17/11/15
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Left 802.11a MIMO Ant 1&2 - Head - PBx/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.906 W/kg

Configuration/Touch Left 802.11a MIMO Ant 1&2 - Head - PBx/Ant1 Zoom Scan (7x7x12) (7x7x12)/Cube 0:

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

Reference Value = 14.72 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Touch Left 802.11a MIMO Ant 1&2 - Head - PBx/Ant2 Zoom Scan (7x7x12) 2 (7x7x12)/Cube 0:

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

Reference Value = 14.72 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.38 W/kg

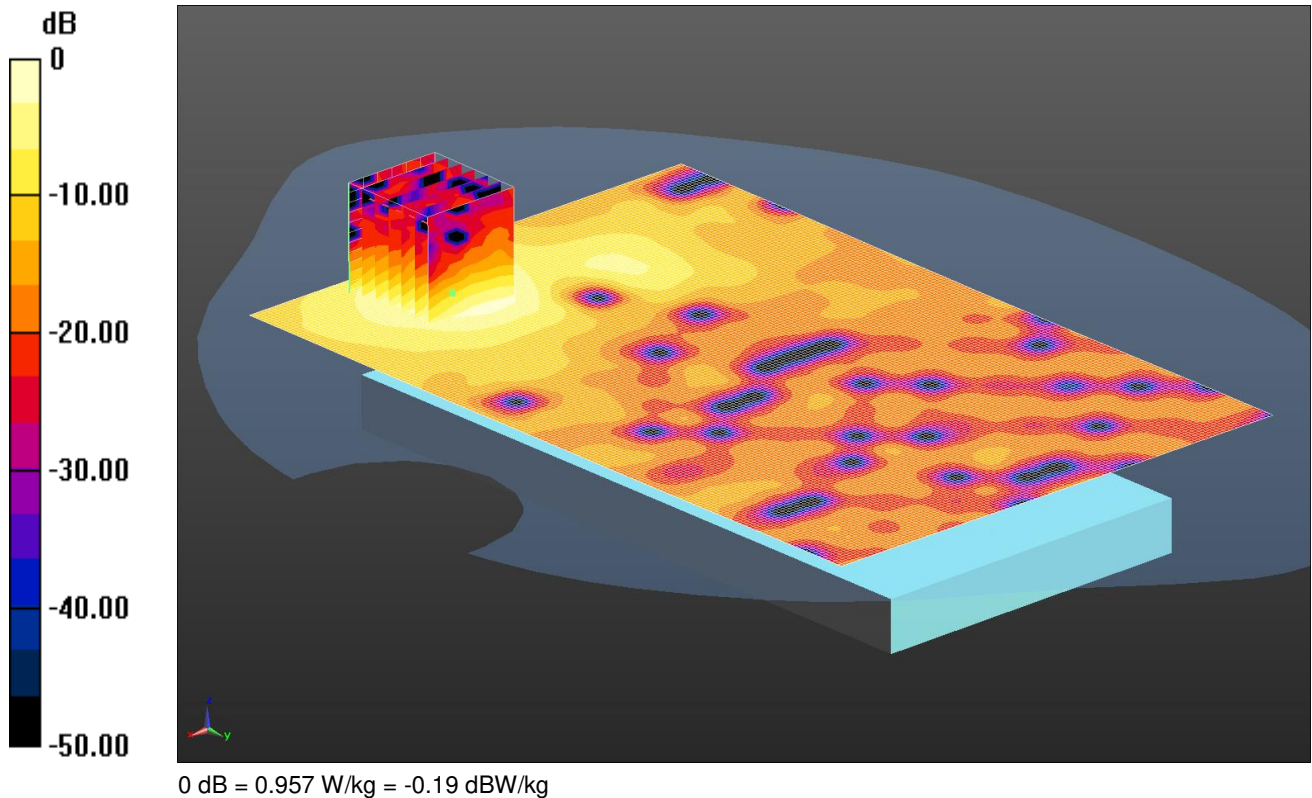
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.729 W/kg

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

Date: 03/05/16

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



Communication System: UID 0, WLAN 802.11 (0); Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: 5250/5600/5750 MHz MSL Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.067$ S/m; $\epsilon_r = 48.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.99, 3.99, 3.99); Calibrated: 06/10/15;
- Sensor-Surface: 2mm (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 802.11a MIMO Ant 1&2 - Hotspot - PBx/Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.964 W/kg

Configuration/Back 802.11a MIMO Ant 1&2 - Hotspot - PBx/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.91 V/m; Power Drift = -0.14 dB

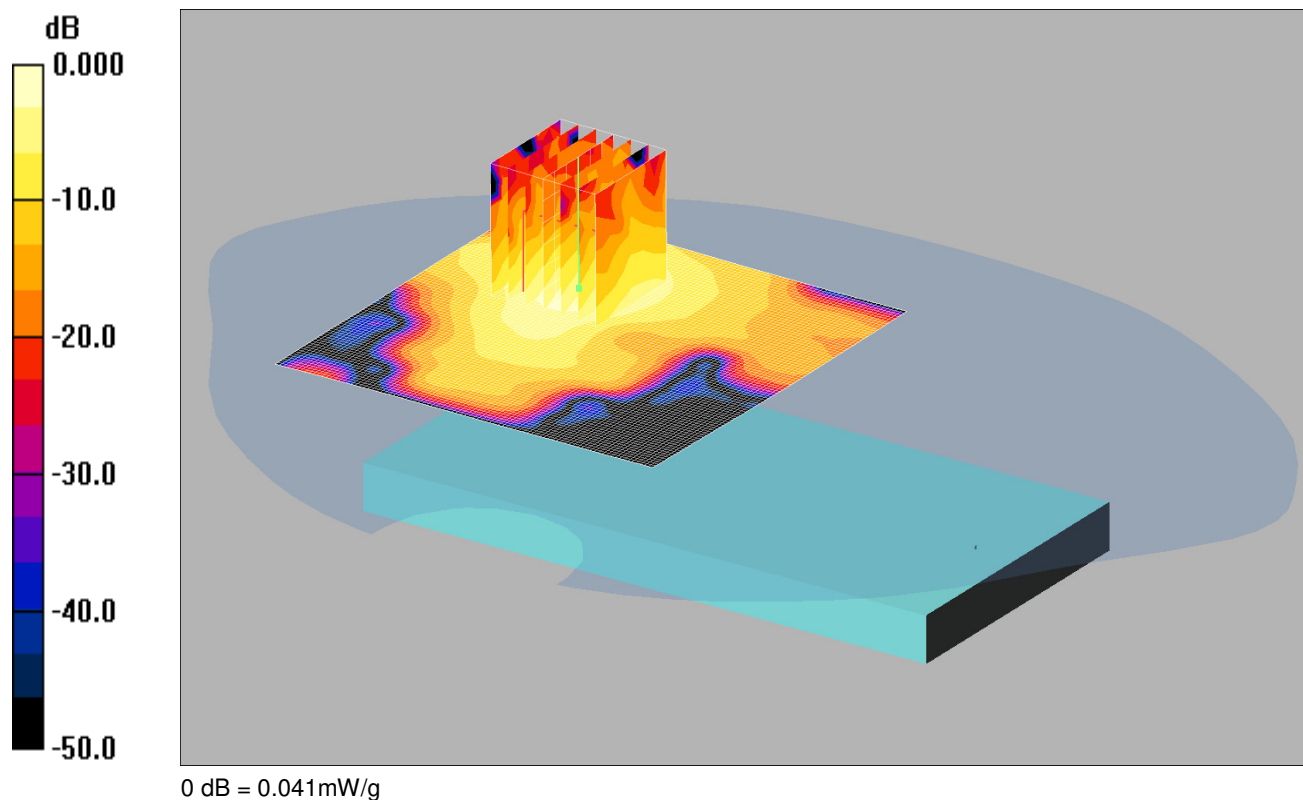
Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.957 W/kg

Date: 20/05/2016

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



Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.31, 4.31, 4.31);

- 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 - Bluetooth - Hotspot - PBx/Area Scan (91x91x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 4.47 V/m; Power Drift = -0.006 dB

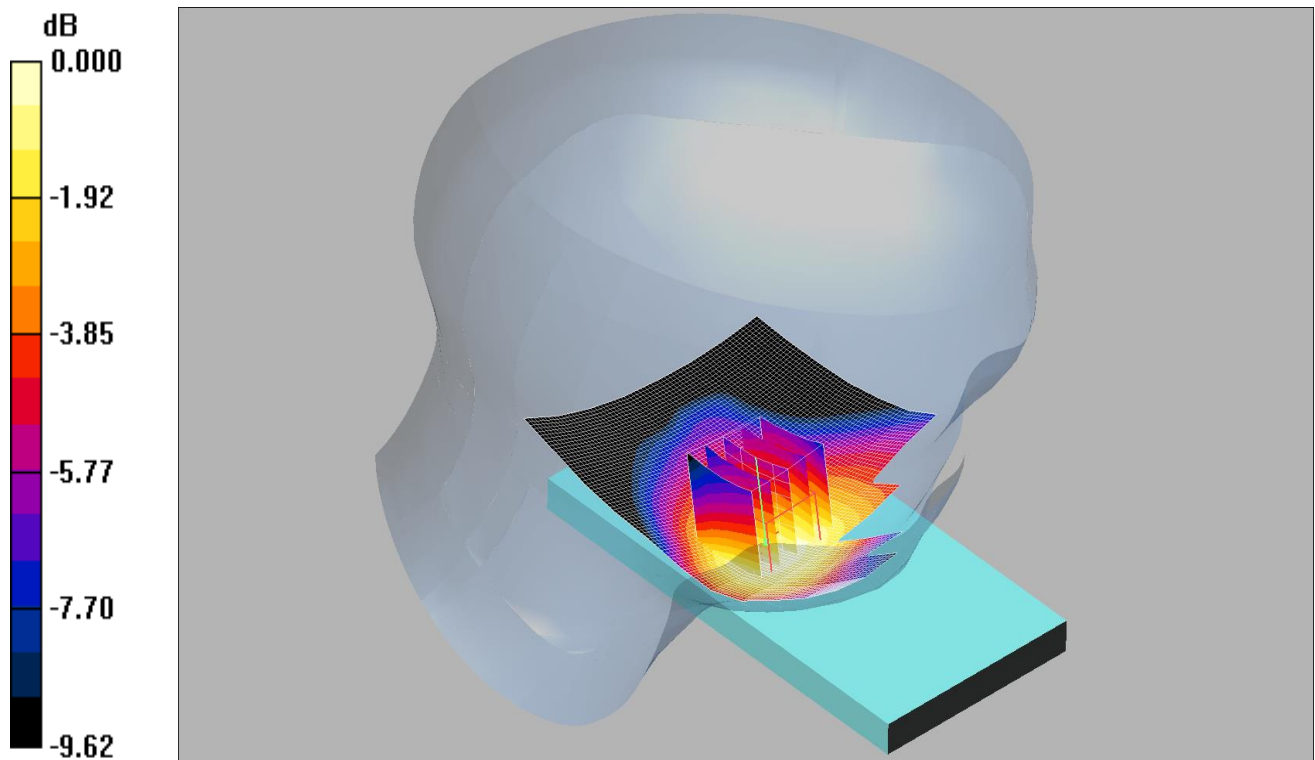
Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.014 mW/g

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

Date: 27/04/2016

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



0 dB = 0.125mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

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

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

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

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

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

Reference Value = 3.63 V/m; Power Drift = 0.027 dB

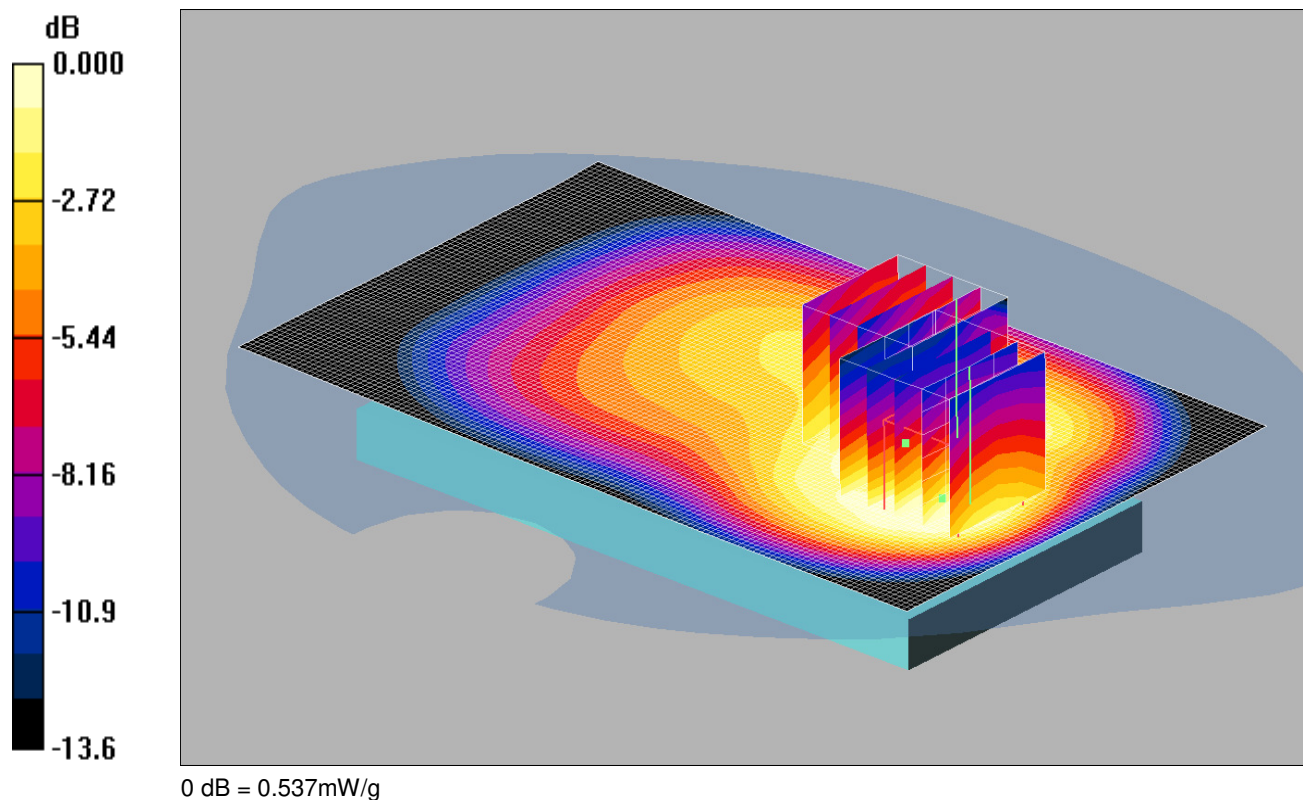
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.125 mW/g

Date: 26/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: GPRS 850 MHz 3TX; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ 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 - Hotspot - PBx/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.627 mW/g

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

Reference Value = 17.6 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.667 mW/g

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

Reference Value = 17.6 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.706 W/kg

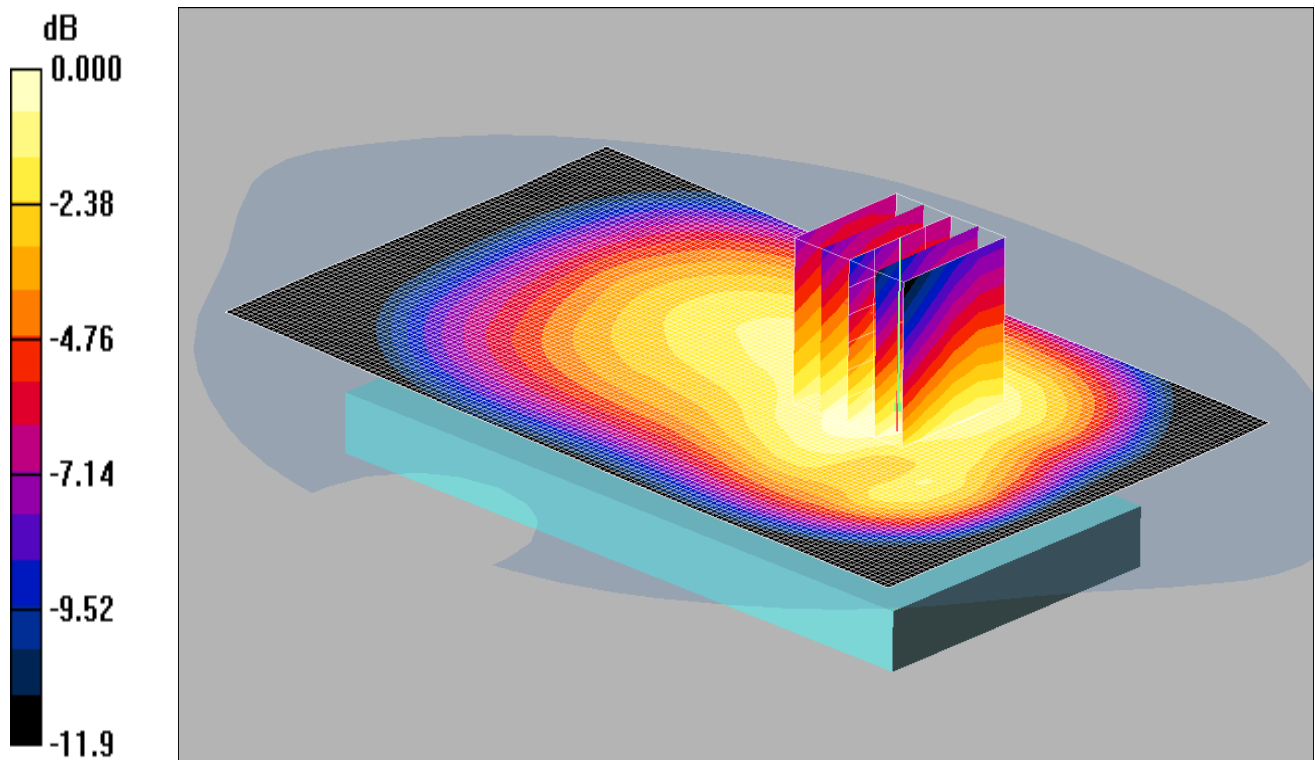
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.537 mW/g

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

Date: 26/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



0 dB = 0.206mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ 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 - Hotspot - PBx/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

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

Reference Value = 12.4 V/m; Power Drift = -0.036 dB

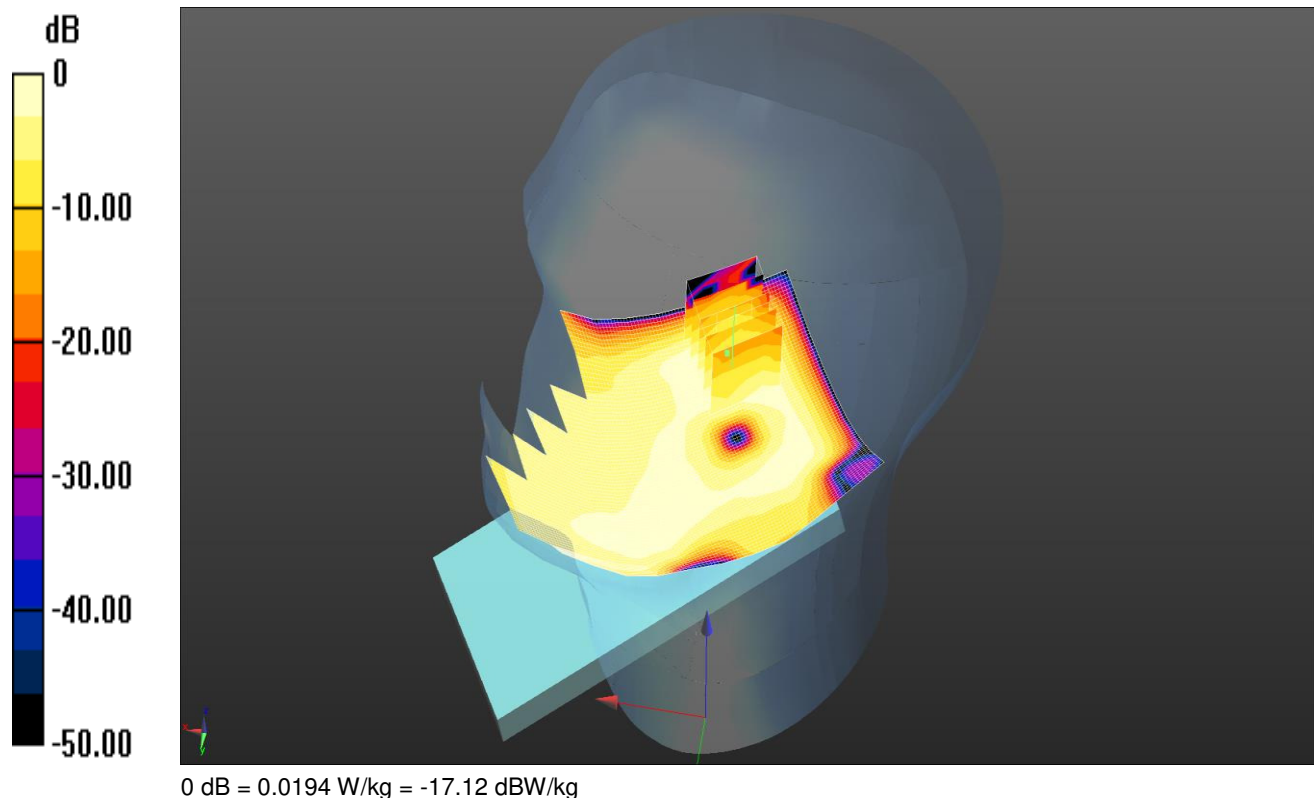
Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.134 mW/g

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

Date: 16/4/2016

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



Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: 1900 HSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.441$ S/m; $\epsilon_r = 39.816$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

Configuration/TILT Right - Head - PB0 2/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0219 W/kg

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

Reference Value = 4.006 V/m; Power Drift = -0.09 dB

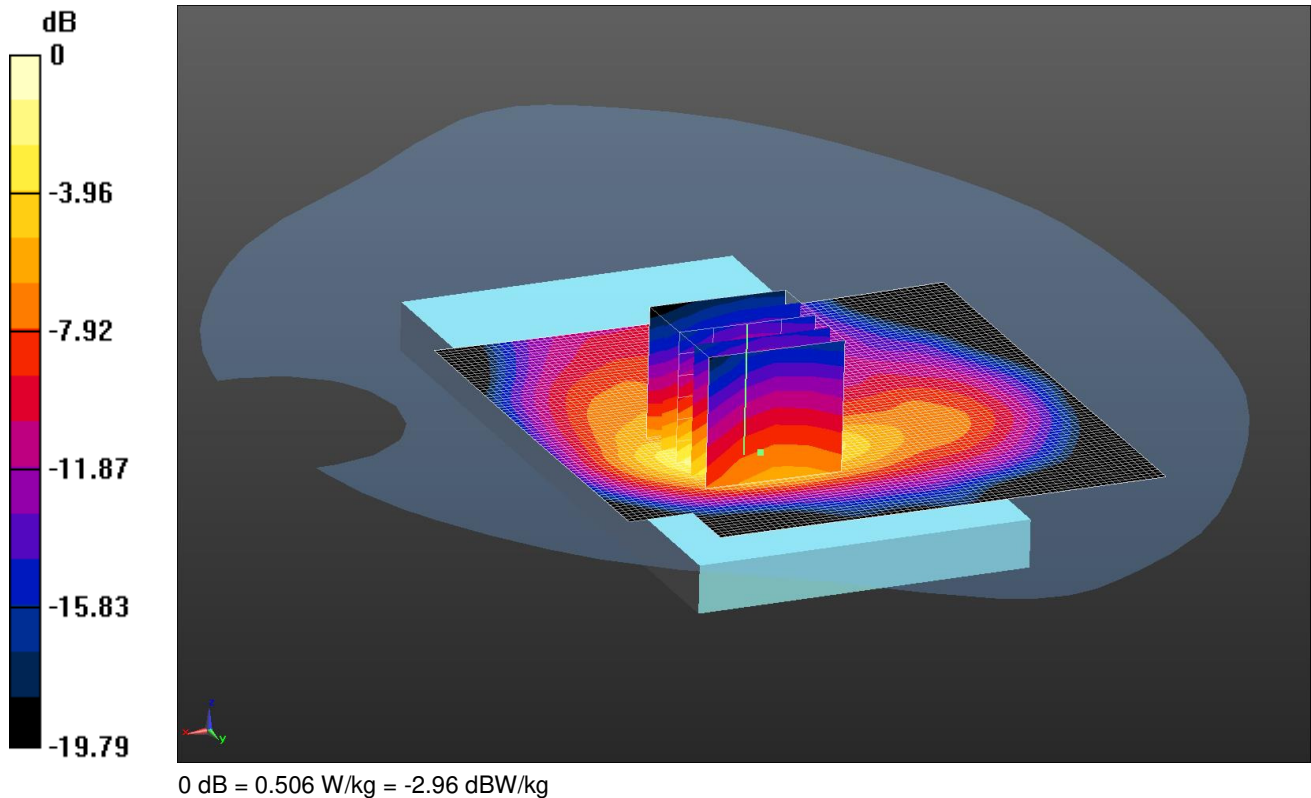
Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0194 W/kg

Date: 19/05/2016

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



Communication System: UID 0, GPRS 3Tx (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.66993

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.571$ S/m; $\epsilon_r = 50.954$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;

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

- Electronics: DAE4 Sn1435; Calibrated: 12/02/2016

- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817

- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back - Hotspot - PBx/Area Scan 2 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 5.829 V/m; Power Drift = 0.03 dB

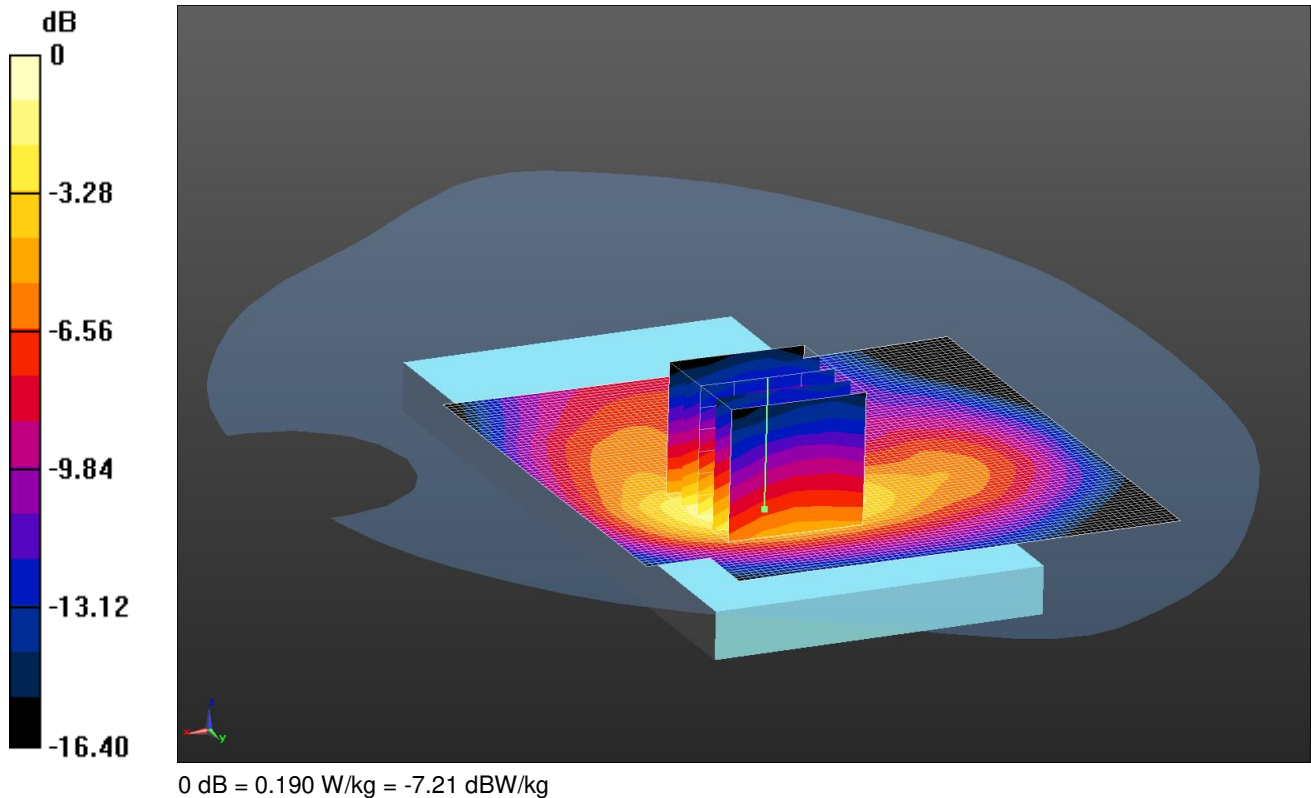
Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.506 W/kg

Date: 20/05/2016

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



Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.571$ S/m; $\epsilon_r = 50.954$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.84, 7.84, 7.84); Calibrated: 26/04/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 1-2 (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1817
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back - Bodyworn - PBx 2/Area Scan 2 2 (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 6.834 V/m; Power Drift = 0.01 dB

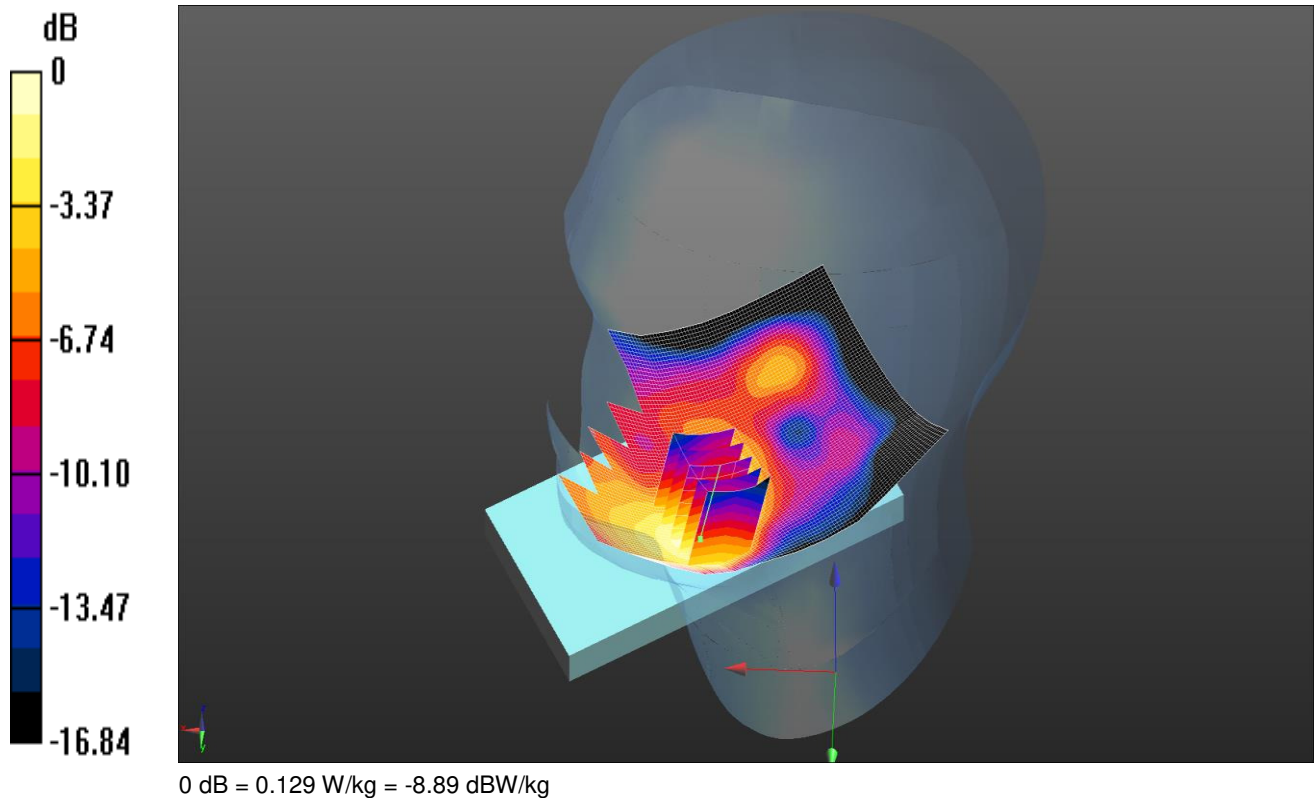
Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.190 W/kg

Date: 16/4/2016

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



Communication System: UID 0, UMTS FDD (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 HSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 40.012$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

Configuration/Touch Right - Head - PB0/Area Scan 2 2 (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 9.555 V/m; Power Drift = 0.04 dB

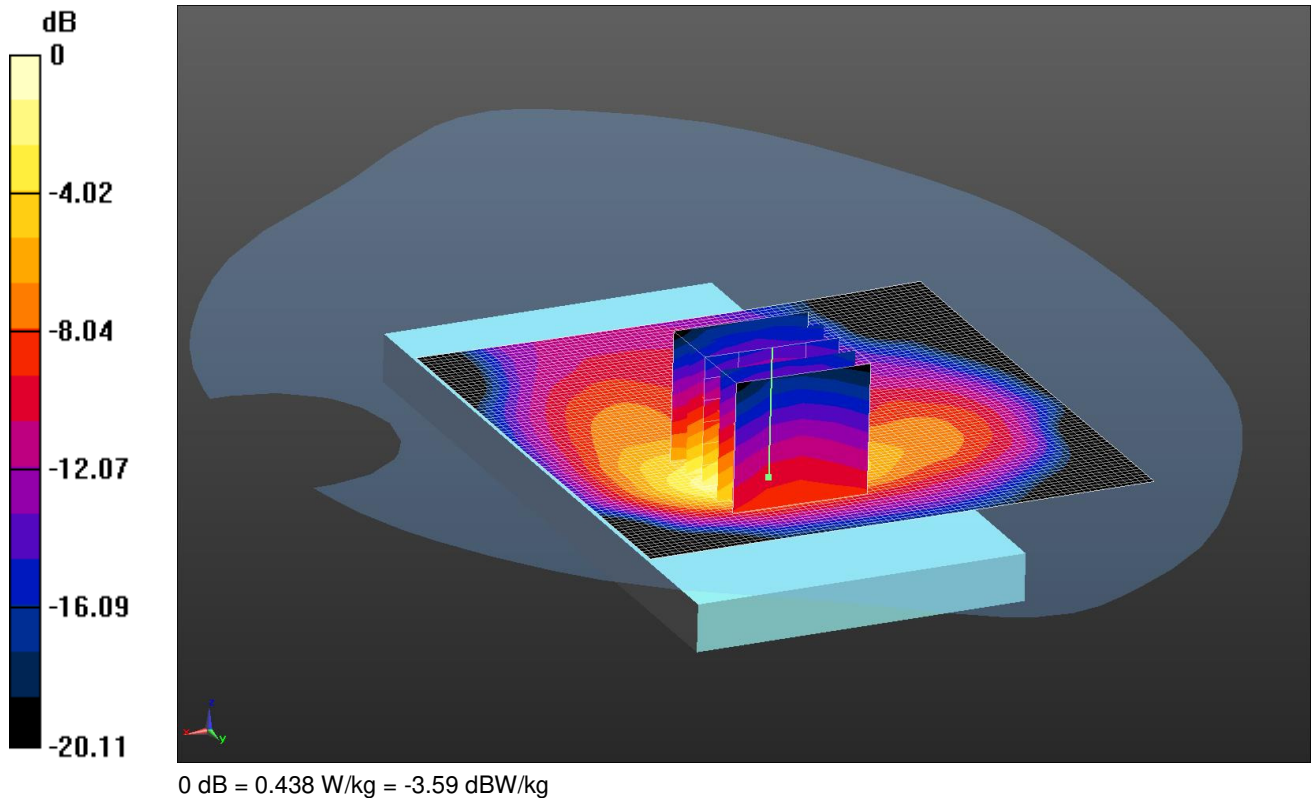
Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.075 W/kg

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

Date: 17/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



Communication System: UID 0, UMTS FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 51.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back - Hotspot - PB1/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

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

Reference Value = 6.069 V/m; Power Drift = -0.00 dB

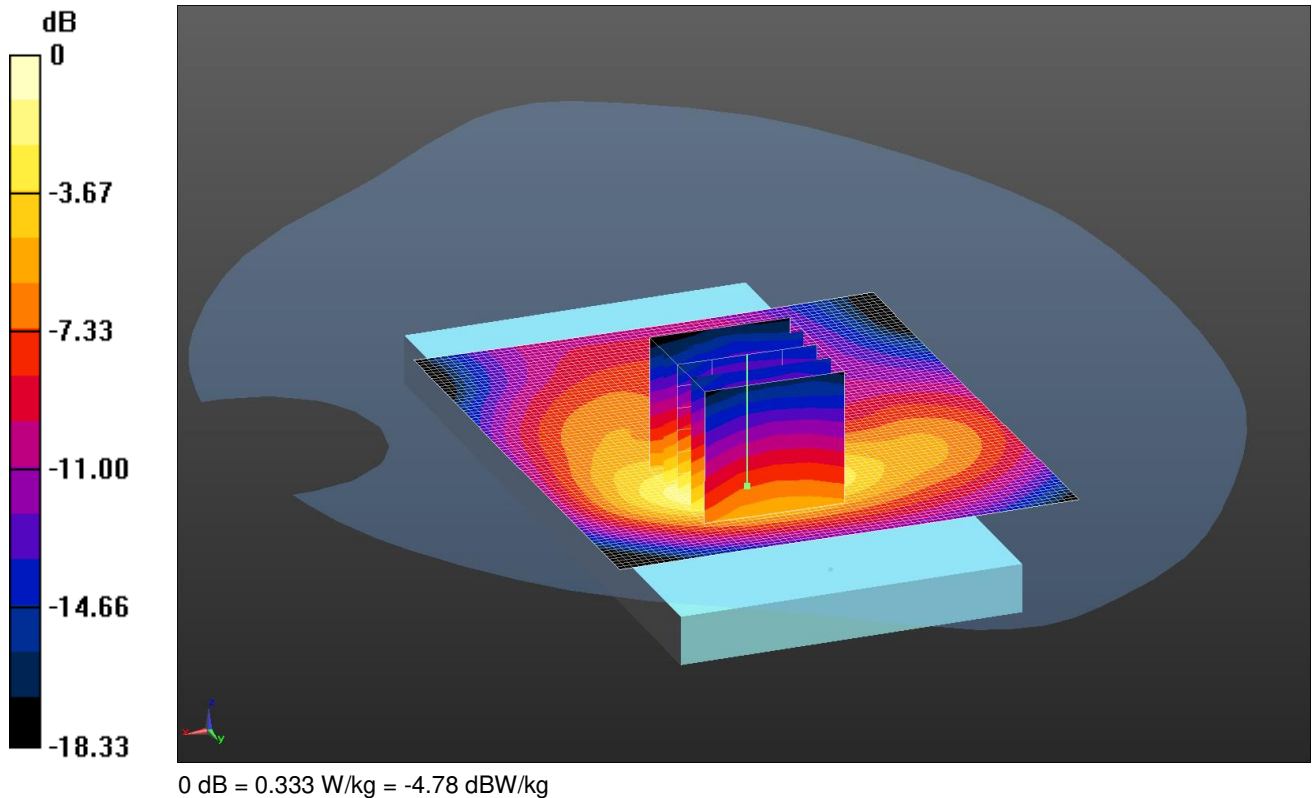
Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.438 W/kg

Date: 17/05/2016

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



Communication System: UID 0, UMTS FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 51.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back - Bodyworn - PB0/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 7.756 V/m; Power Drift = 0.02 dB

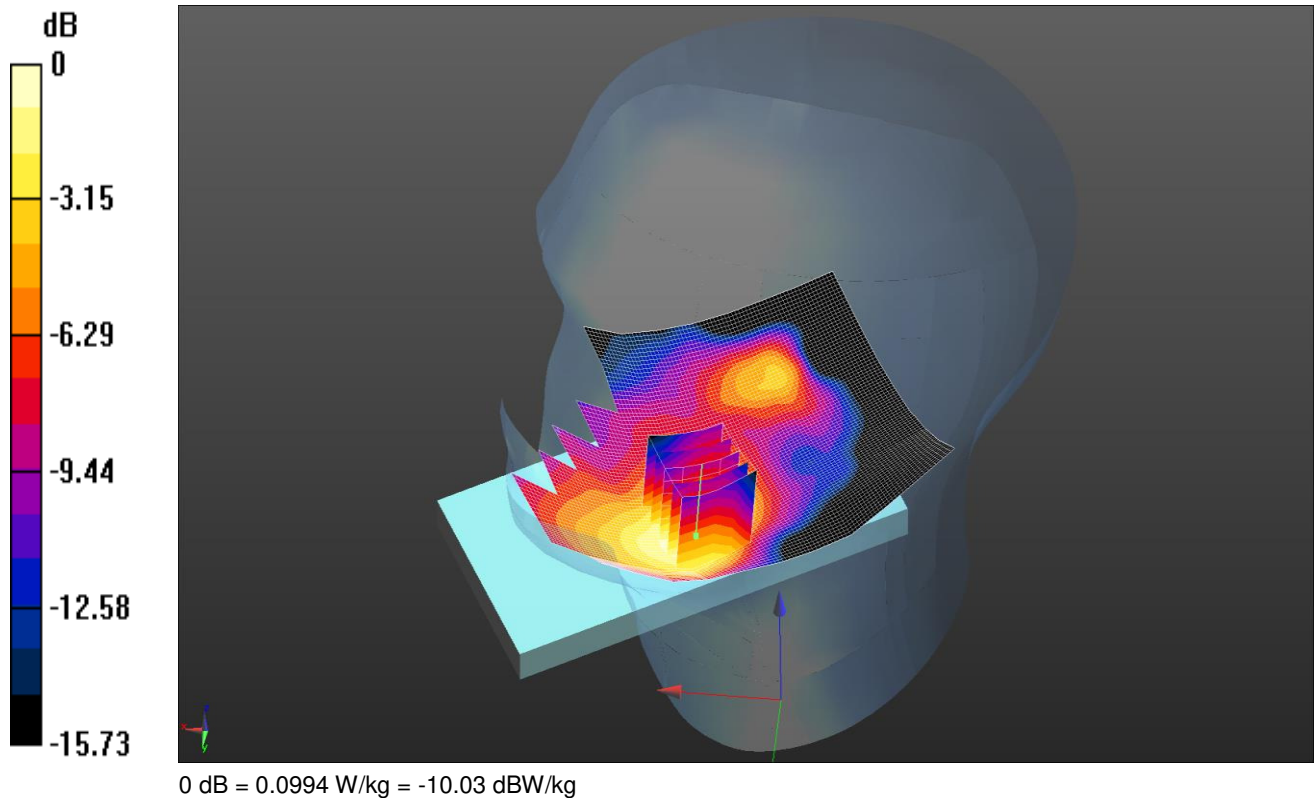
Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.333 W/kg

Date: 26/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: UID 0, UMTS FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.295$ S/m; $\epsilon_r = 40.845$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0959 W/kg

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

Reference Value = 9.031 V/m; Power Drift = 0.18 dB

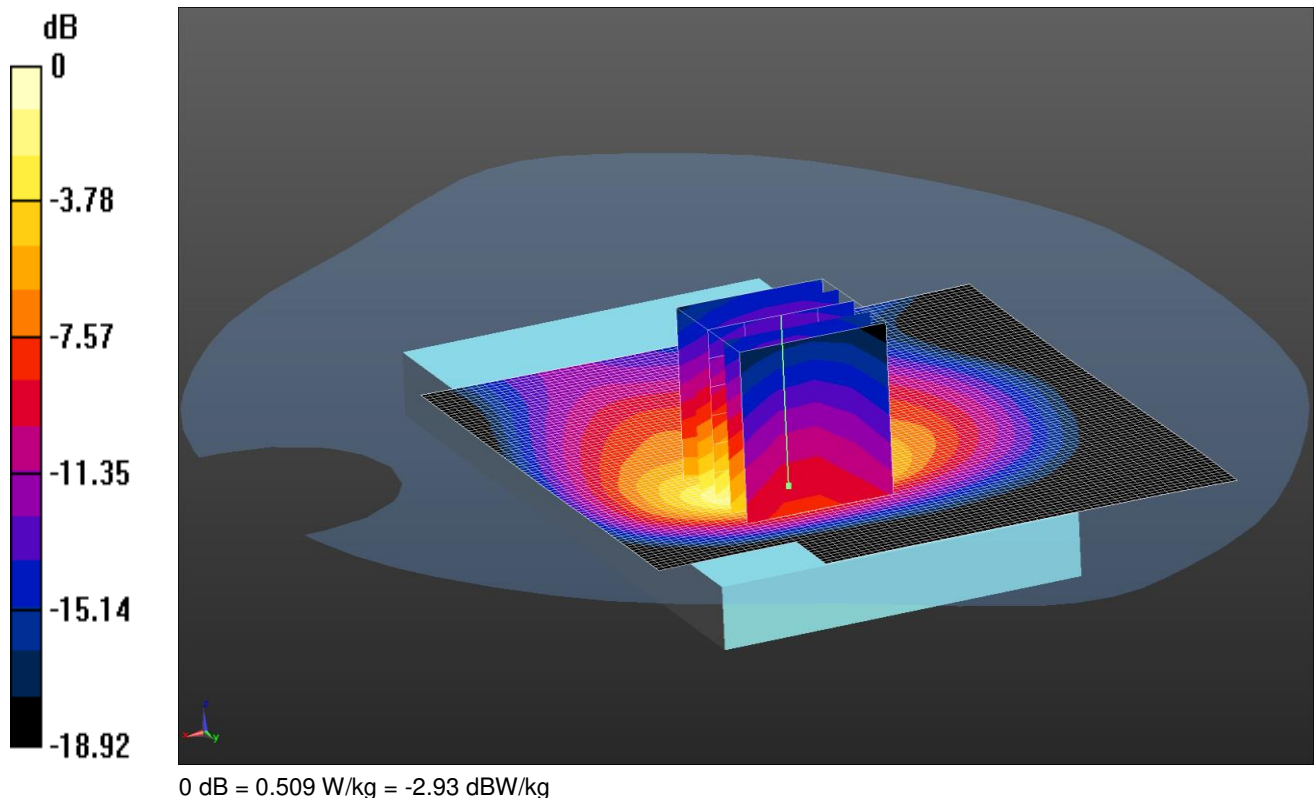
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0994 W/kg

Date: 27/4/2016

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



Communication System: UID 0, UMTS FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back - Hotspot - PB1/Area Scan 2 2 (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

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

Reference Value = 17.95 V/m; Power Drift = -0.02 dB

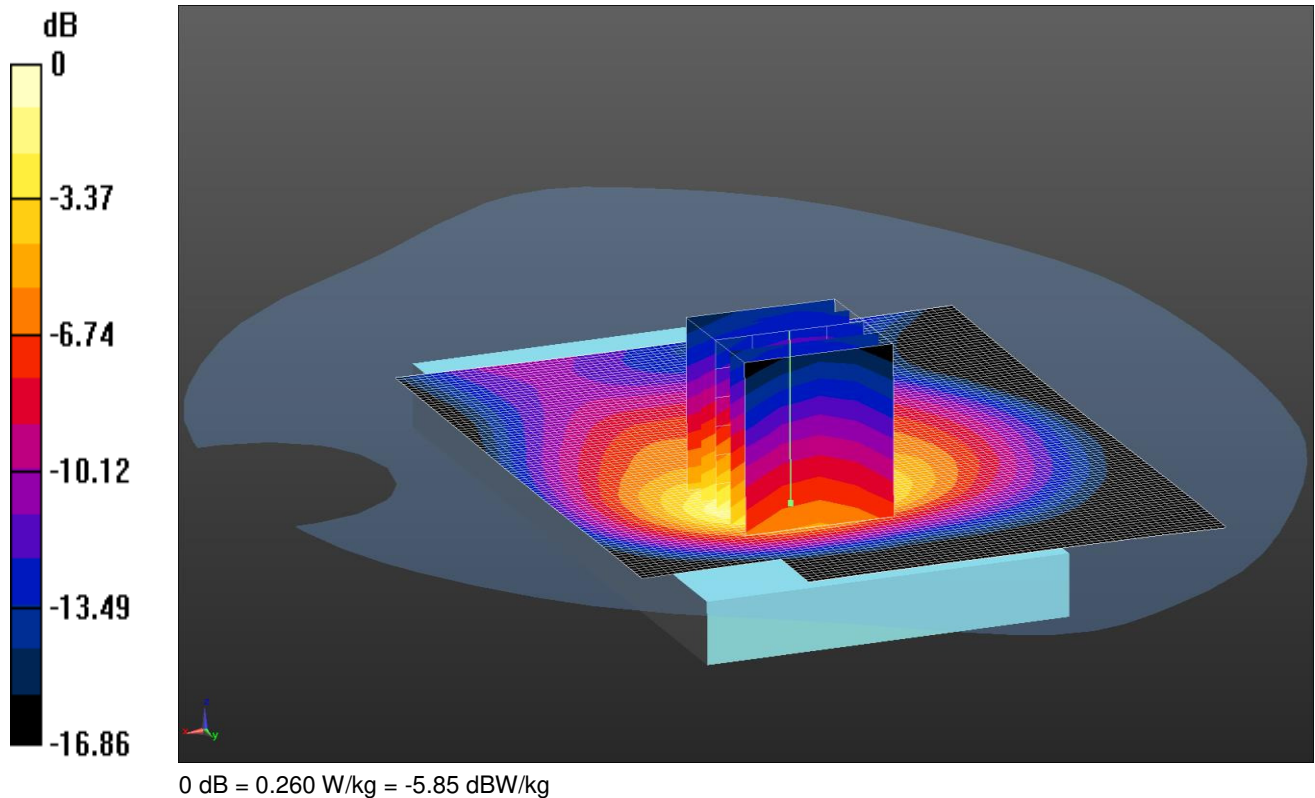
Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.509 W/kg

Date: 28/4/2016

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



Communication System: UID 0, UMTS FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 52.788$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

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

Reference Value = 13.54 V/m; Power Drift = -0.02 dB

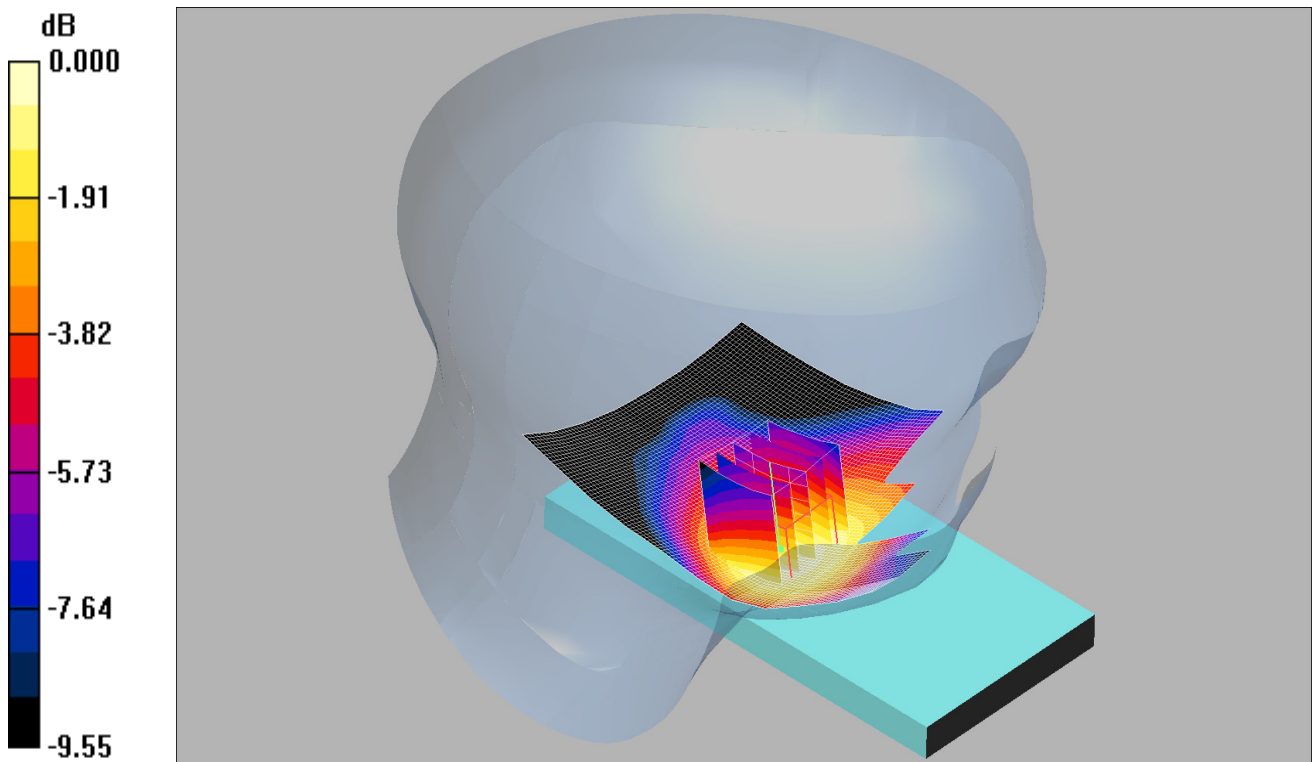
Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.260 W/kg

Date: 21/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



0 dB = 0.173mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.892$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

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

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

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

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

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

Reference Value = 4.63 V/m; Power Drift = 0.021 dB

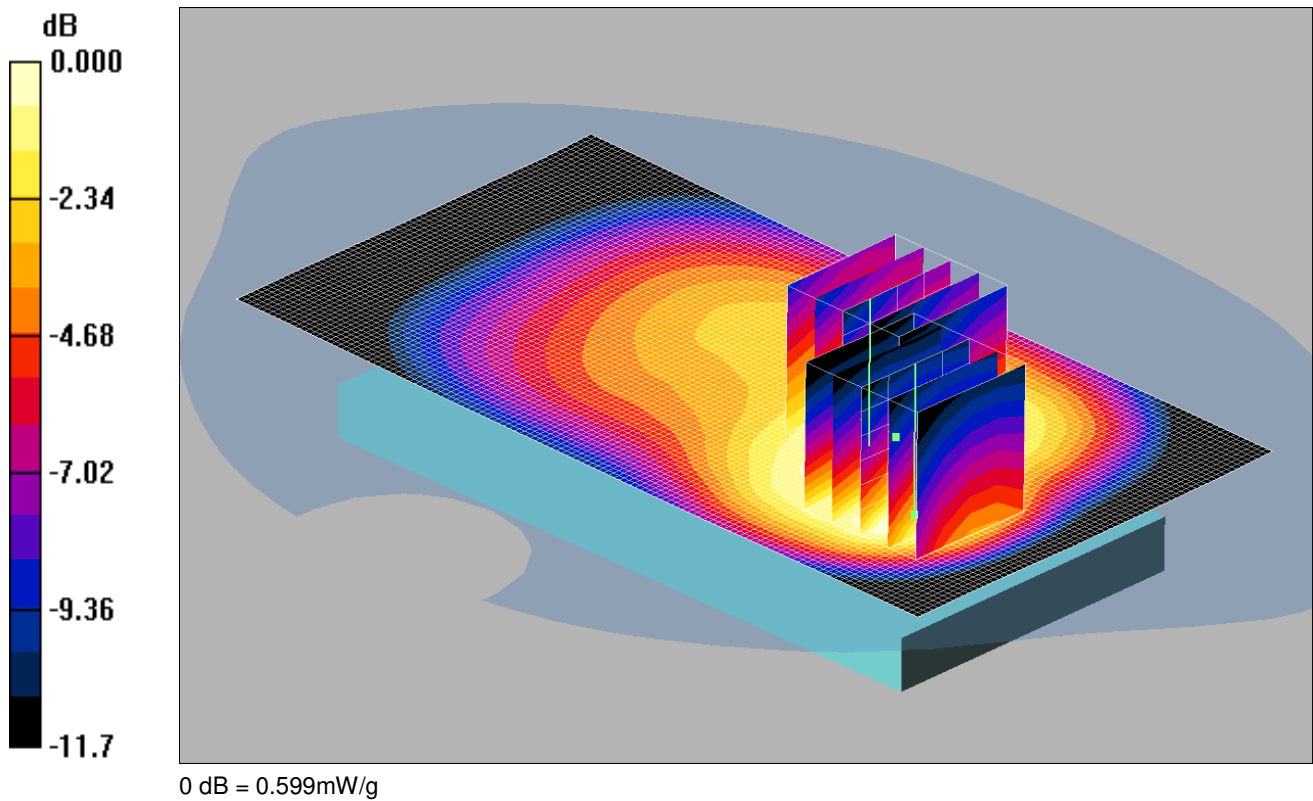
Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.173 mW/g

Date: 22/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: UMTS-FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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 - Hotspot - PBx/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.777 mW/g

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

Reference Value = 18.7 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.723 mW/g

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

Reference Value = 18.7 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.777 W/kg

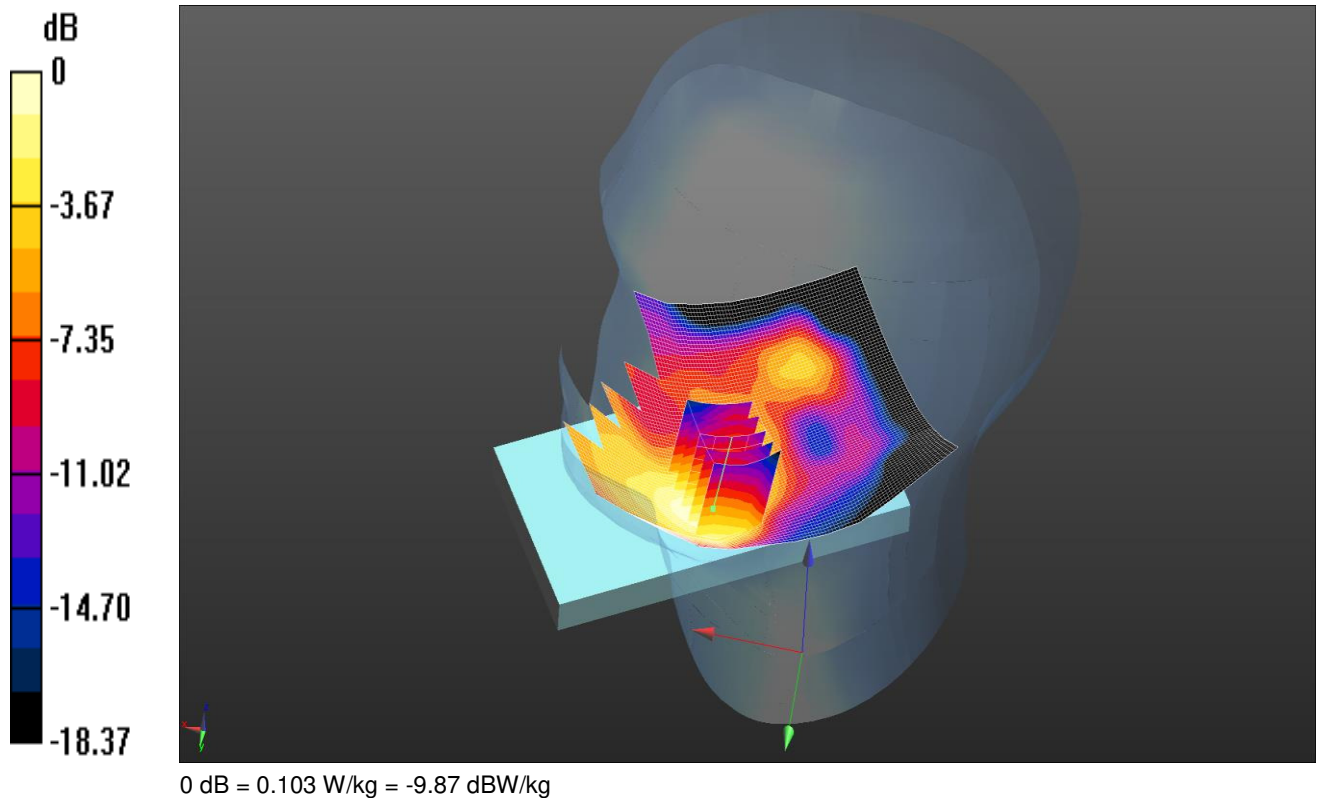
SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.599 mW/g

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

Date: 18/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 HSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 38.978$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

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

Reference Value = 8.784 V/m; Power Drift = 0.07 dB

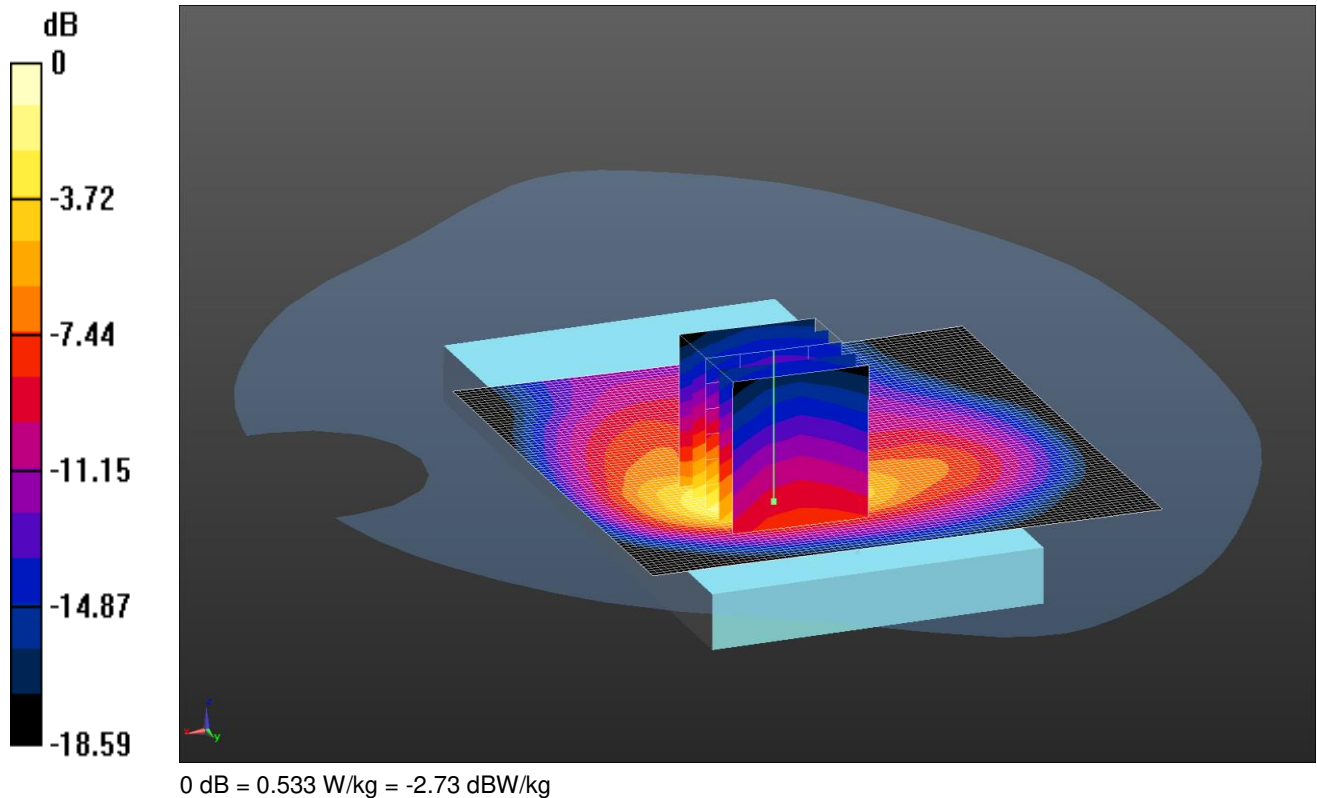
Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.060 W/kg

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

Date: 5/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: 1900 MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.592$ S/m; $\epsilon_r = 51.333$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back 1RB Low - Hotspot - PB1/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.450 W/kg

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

Reference Value = 18.19 V/m; Power Drift = -0.00 dB

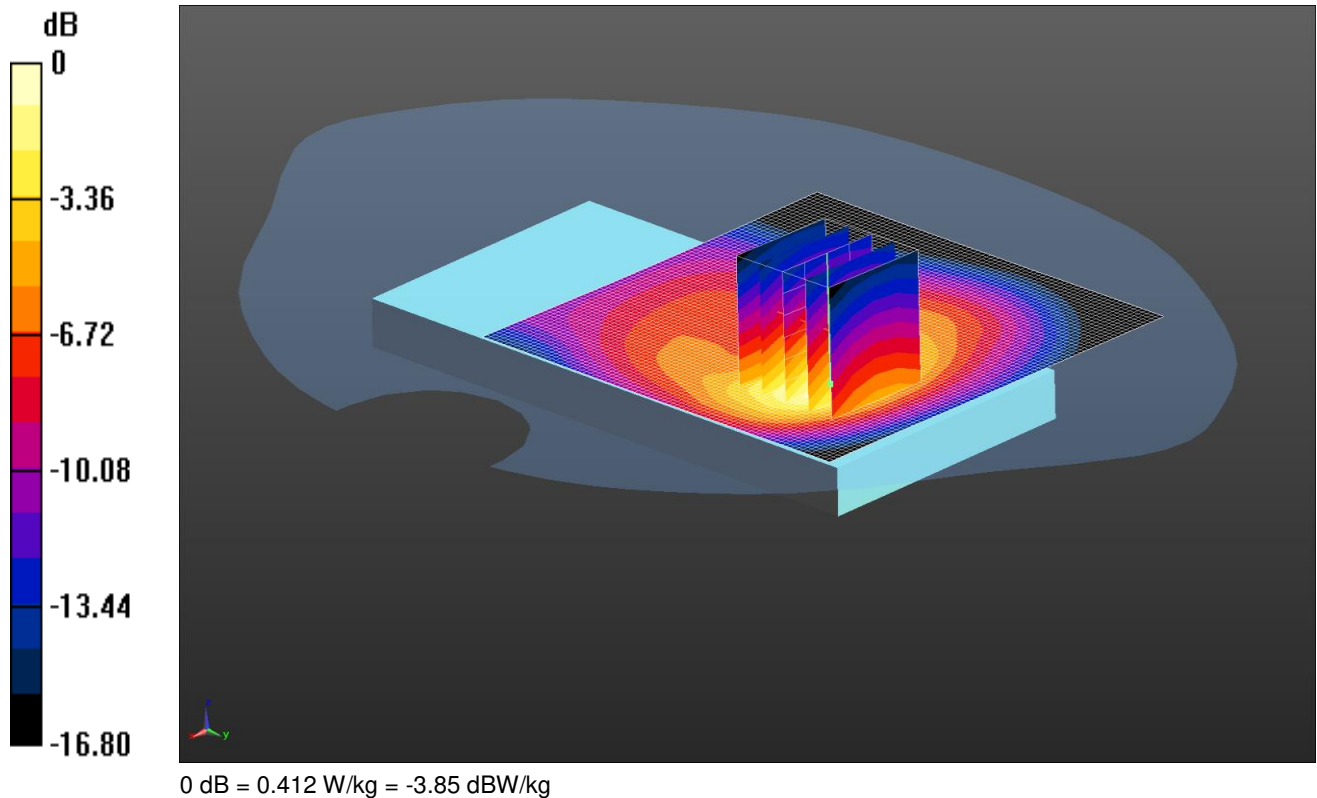
Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.533 W/kg

Date: 6/5/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.545$ S/m; $\epsilon_r = 51.366$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Back 1RB Low - Bodyworn - PB0/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.398 W/kg

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

Reference Value = 15.49 V/m; Power Drift = -0.08 dB

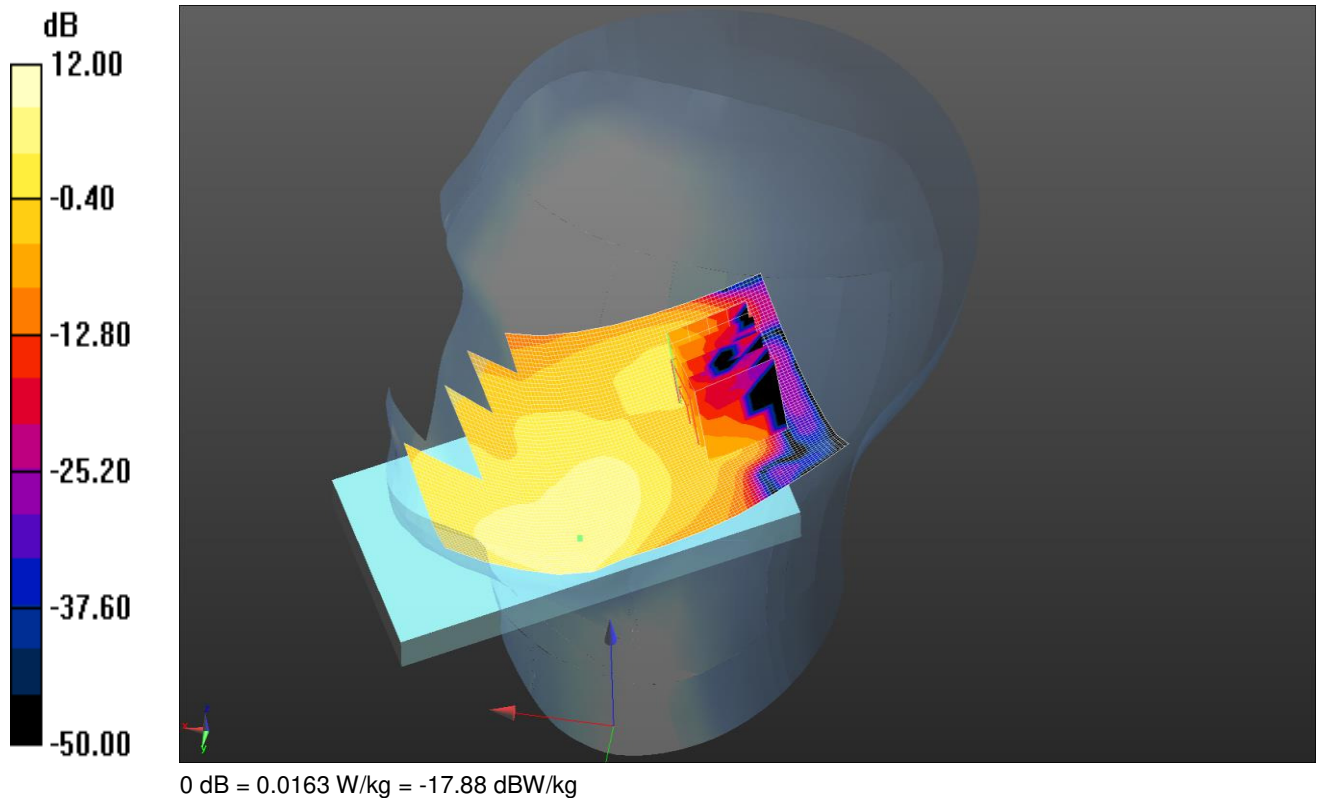
Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.202 W/kg

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

Date: 25/4/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.288$ S/m; $\epsilon_r = 40.872$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(5.27, 5.27, 5.27); Calibrated: 25/8/2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Touch Right 1RB Low - Head - PB0/Area Scan 2 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0970 W/kg

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

Reference Value = 2.049 V/m; Power Drift = -0.04 dB

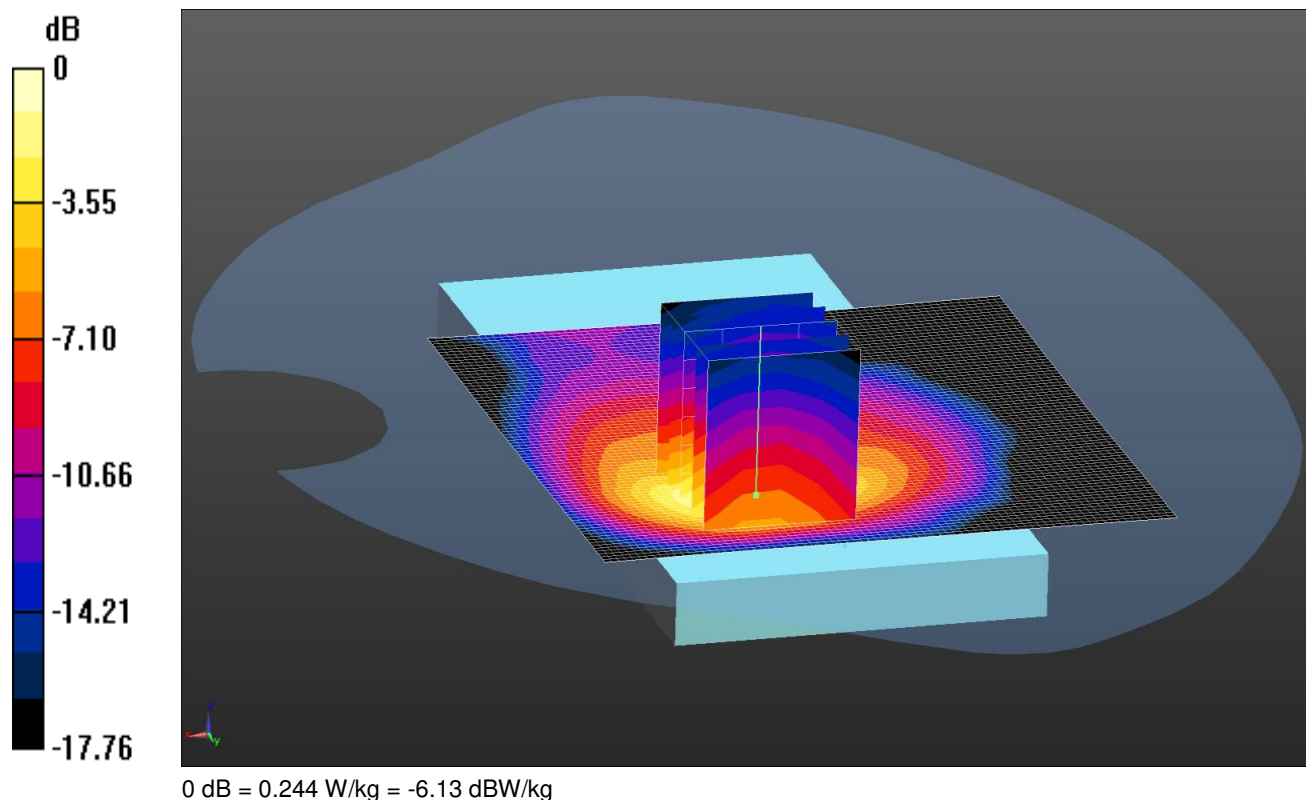
Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.0047 W/kg

Maximum value of SAR (measured) = 0.0163 W/kg

Date: 4/5/2016

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



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

Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back 50%RB Low - Hotspot - PB1 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

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

Reference Value = 12.47 V/m; Power Drift = 0.03 dB

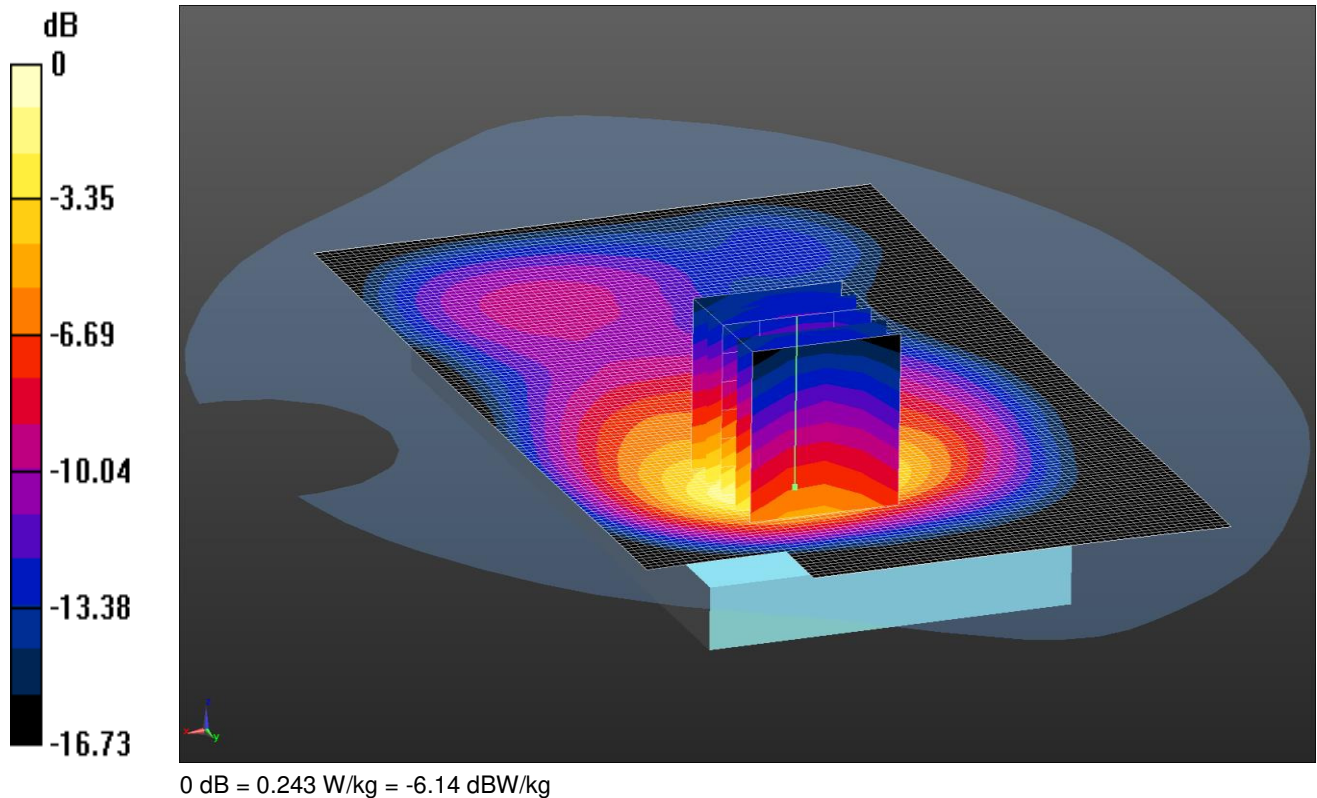
Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.244 W/kg

Date: 28/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 52.804$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back - Bodyworn -

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

Maximum value of SAR (interpolated) = 0.246 W/kg

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

Reference Value = 11.84 V/m; Power Drift = -0.10 dB

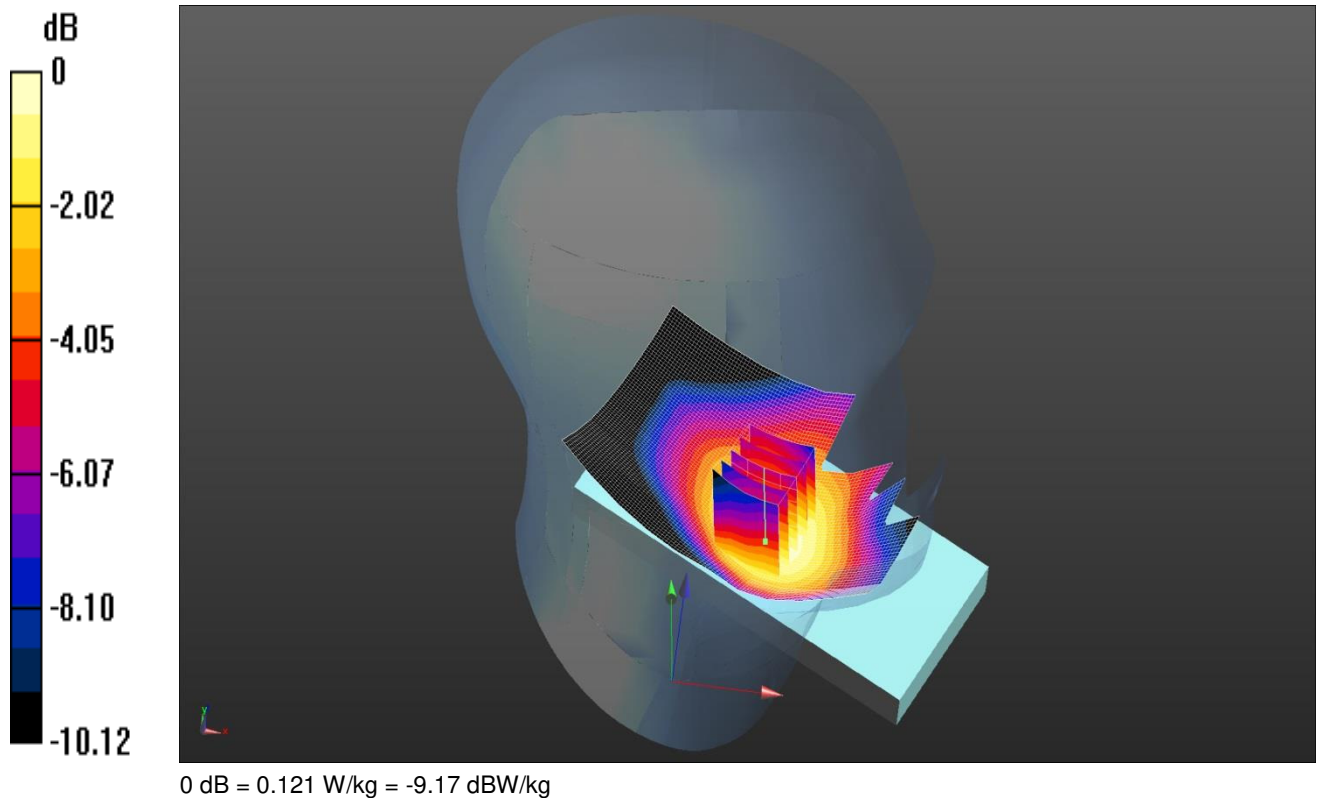
Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.243 W/kg

Date: 21/4/2016

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



Communication System: UID 0, LTE Bands - 10MHz Channel BW (0); Frequency: 844 MHz; Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 40.494$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.122 W/kg

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

Reference Value = 3.811 V/m; Power Drift = 0.13 dB

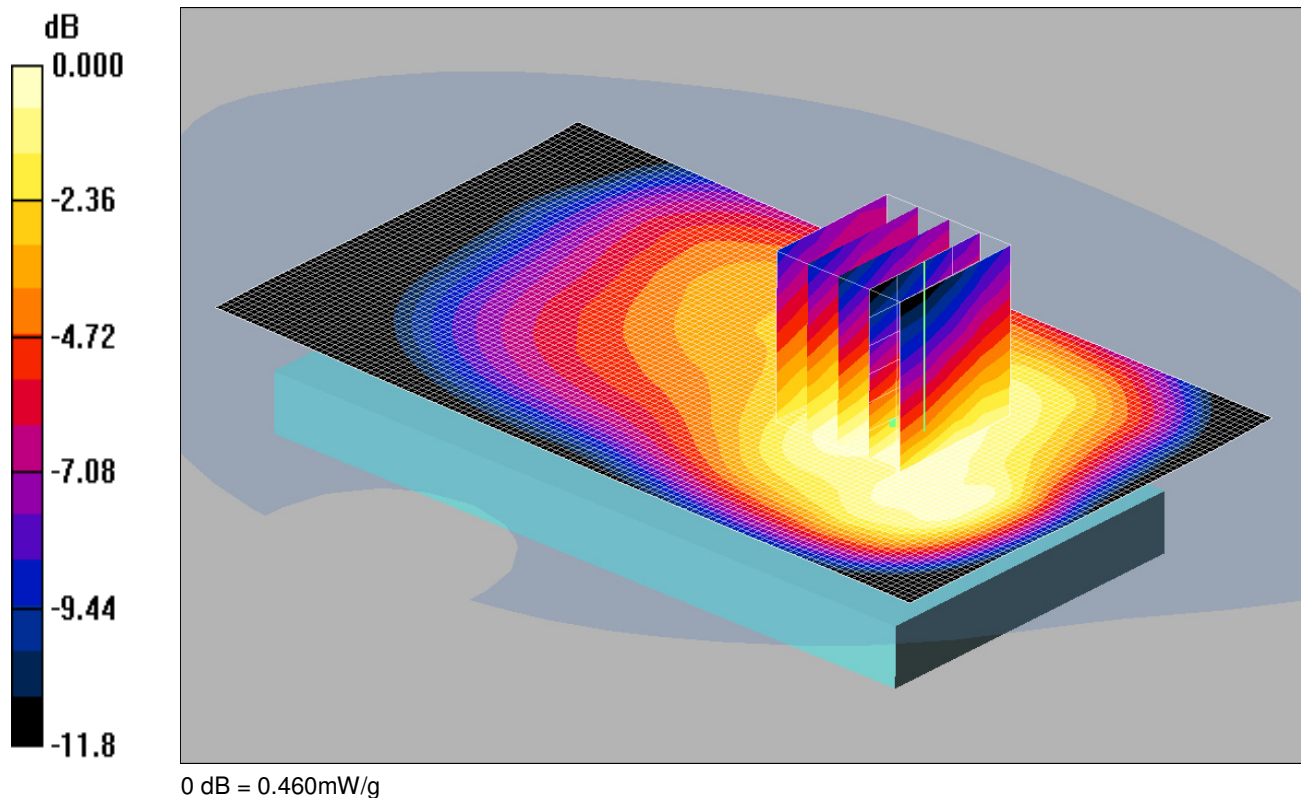
Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.086 W/kg

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

Date: 09/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.05, 6.05, 6.05);

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

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

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

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

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

Maximum value of SAR (interpolated) = 0.448 mW/g

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

Reference Value = 15.2 V/m; Power Drift = -0.129 dB

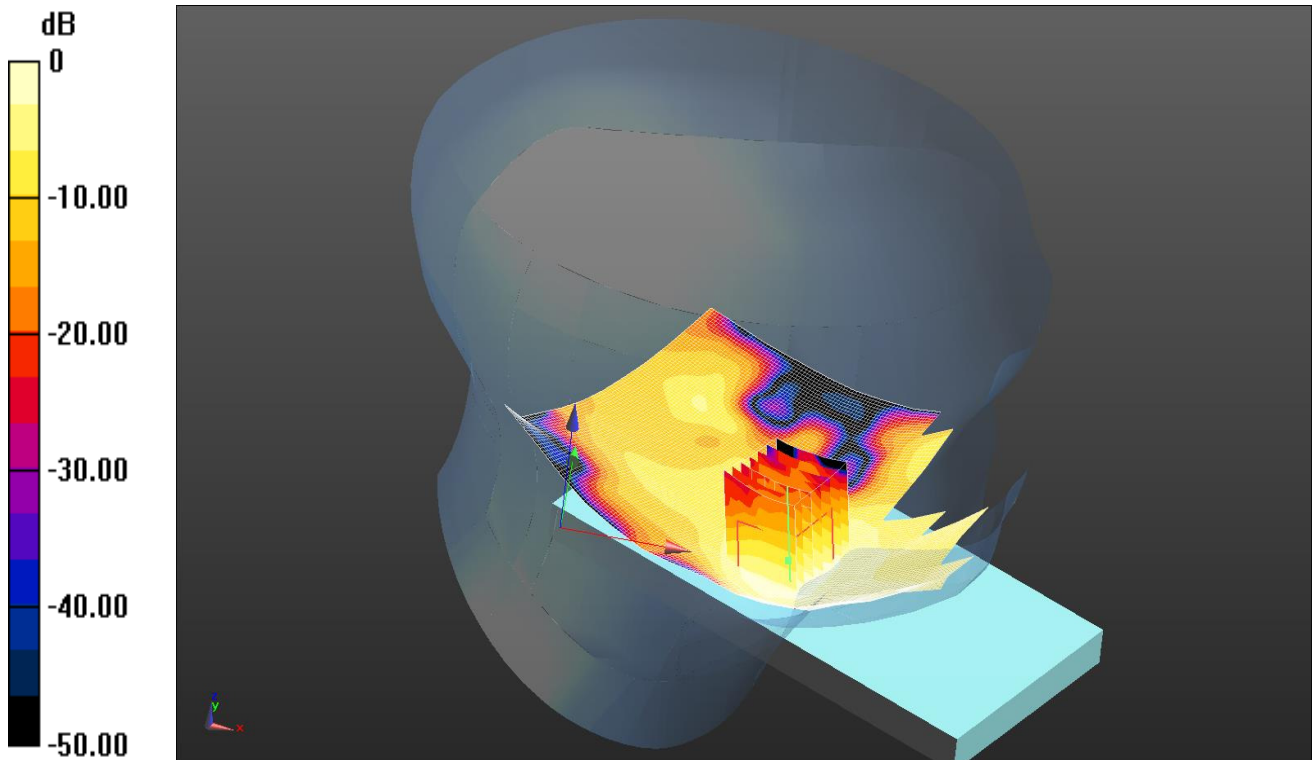
Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.460 mW/g

Date: 26/04/2016

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

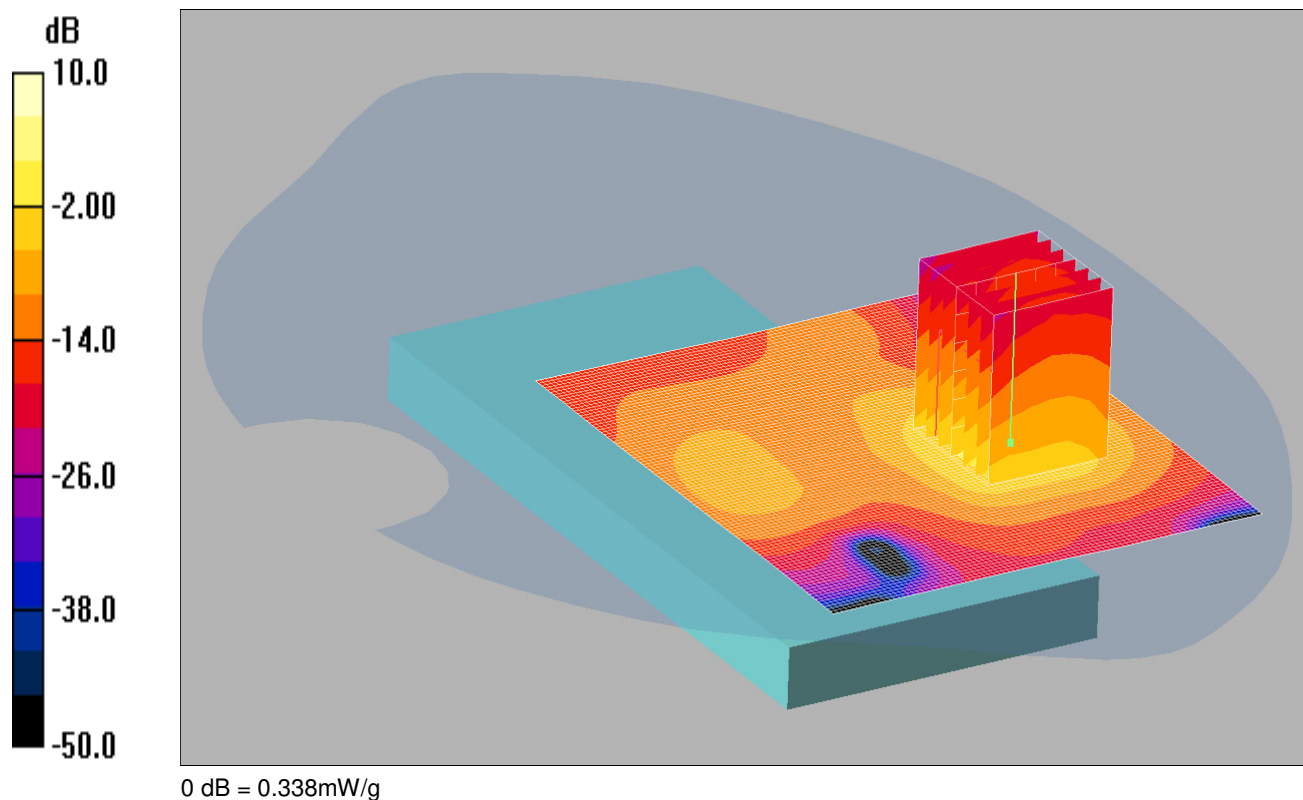


0 dB = 0.123 W/kg = -9.10 dBW/kg

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) = 0.0937 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 = 3.700 V/m; Power Drift = 0.94 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.123 W/kg

Date: 10/05/2016

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

Reference Value = 10.8 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.131 mW/g

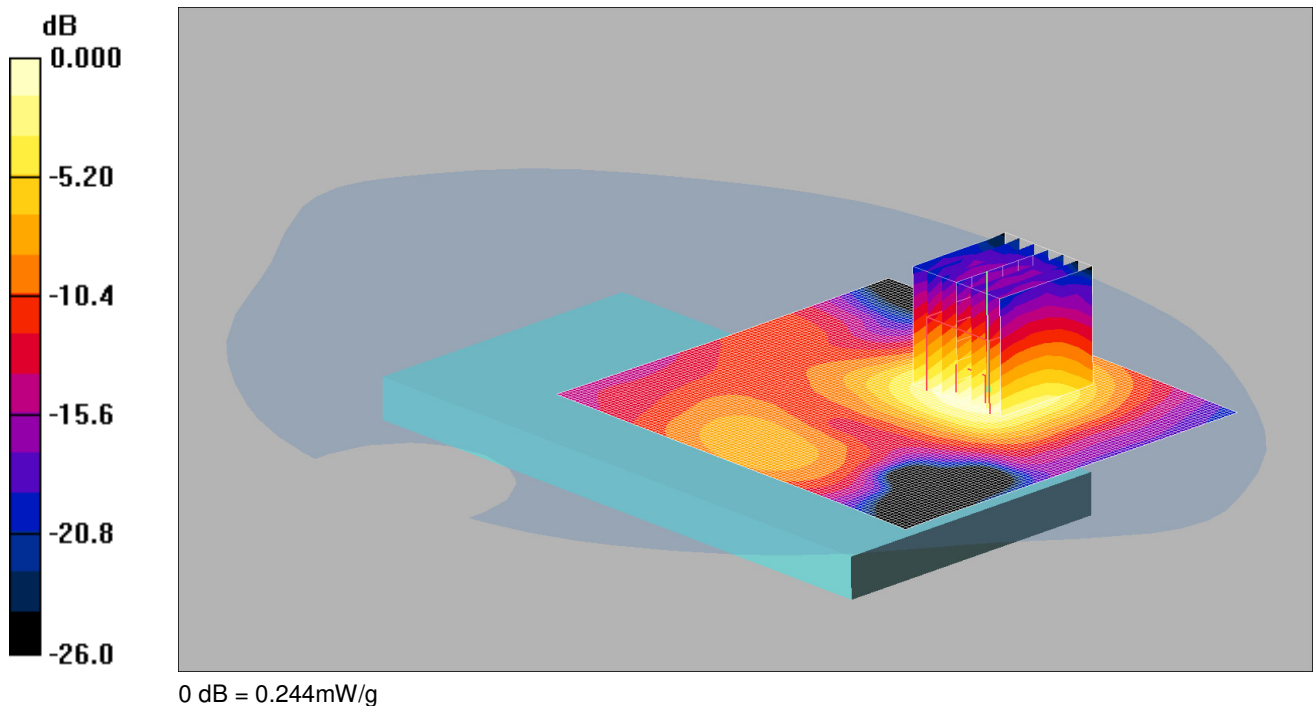
Maximum value of SAR (measured) = 0.327 mW/g

Back 1RB Middle - Hotspot - PB1/Area Scan (91x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.338 mW/g

Date: 11/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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 - Bodyworn - PB0 2/Area Scan (91x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.249 mW/g

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

Reference Value = 9.72 V/m; Power Drift = 0.007 dB

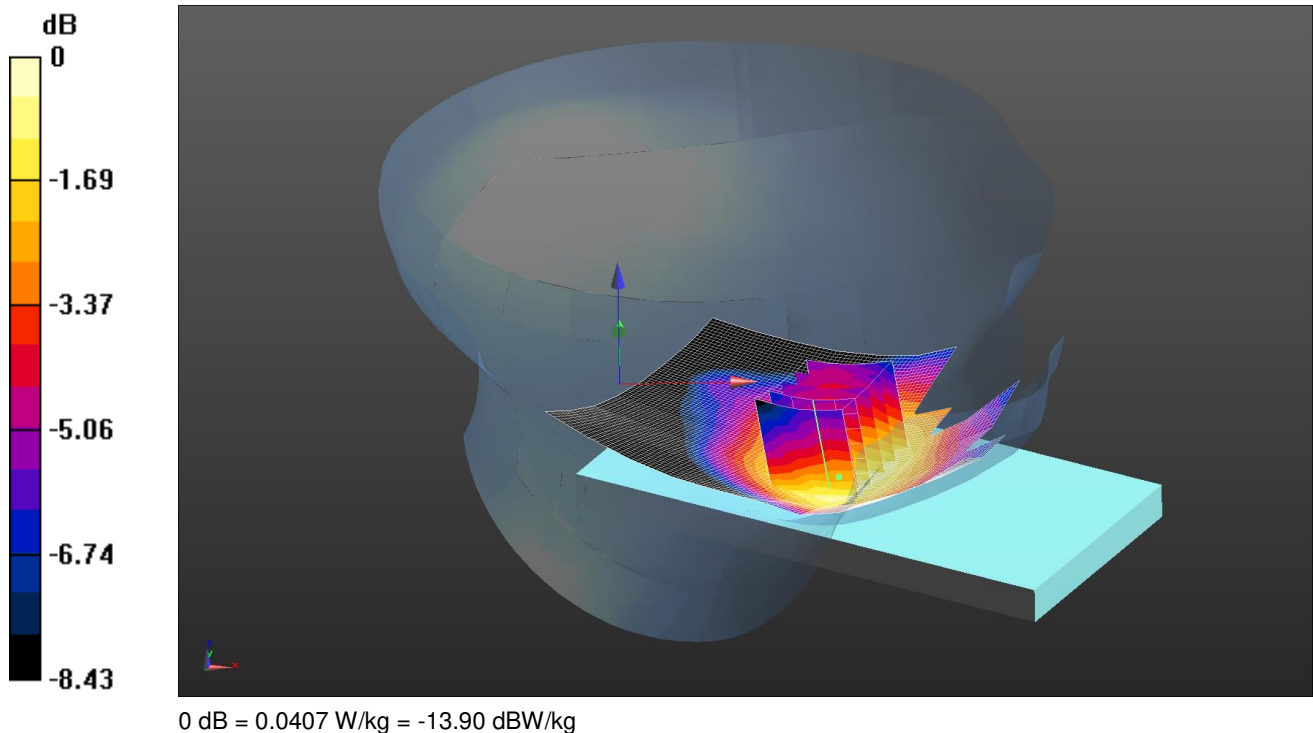
Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.100 mW/g.

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

Date: 16/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: UID 0, LTE Bands - 10MHz Channel BW QPSK (0); Frequency: 704 MHz; Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 40.439$; $\rho = 1000$ kg/m³
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6); Calibrated: 22/05/2015;
- 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
- ; SEMCAD X Version 14.6.10 (7372)

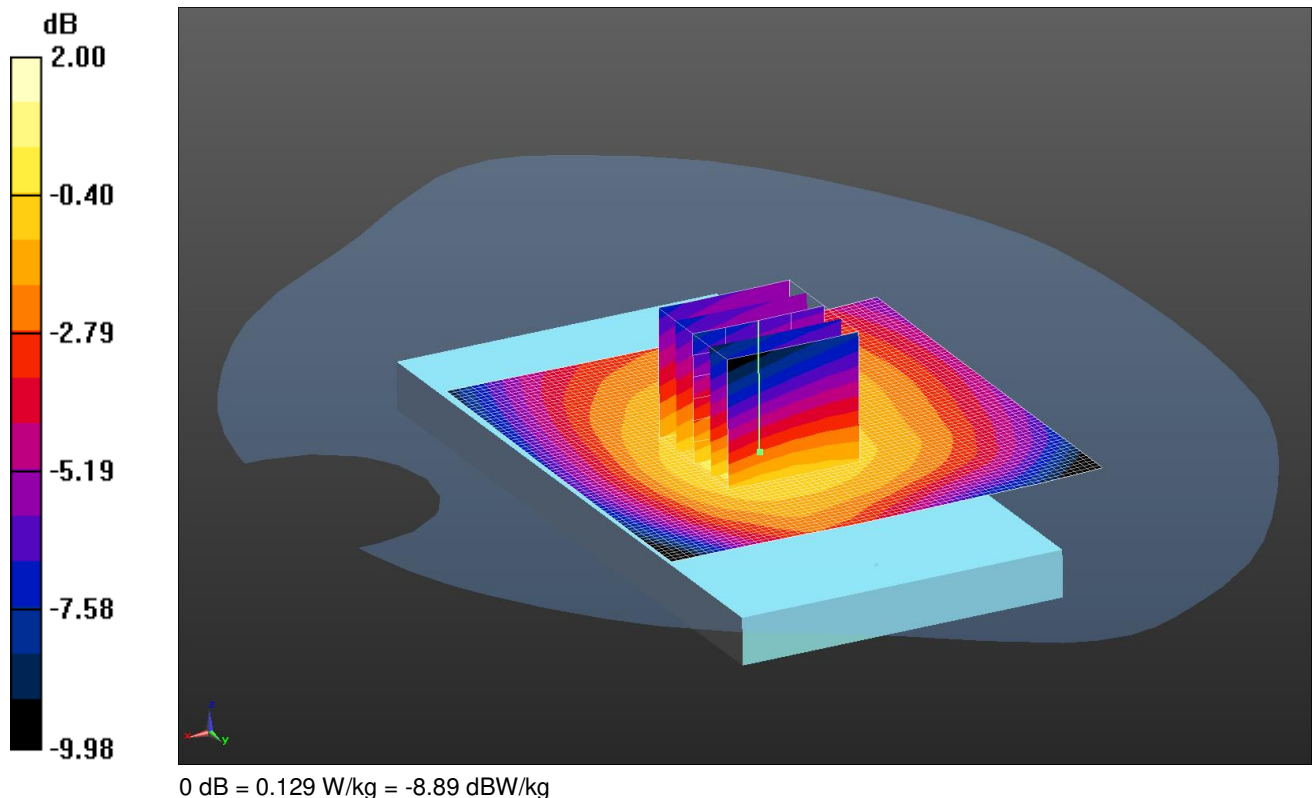
Configuration/Touch Left - Head - PBx/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0394 W/kg

Configuration/Touch Left - Head - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.458 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0407 W/kg

Date: 11/05/2016

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



Communication System: UID 0, LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 711$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 53.916$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11); Calibrated: 22/04/2016;
- 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
- ; SEMCAD X Version 14.6.10 (7372)

Configuration/Back 1RB low - Hotspot - PBx 2/Area Scan 2 (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.129 W/kg

Configuration/Back 1RB low - Hotspot - PBx 2/Zoom Scan (5x5x7) 2 3 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.37 V/m; Power Drift = -0.07 dB

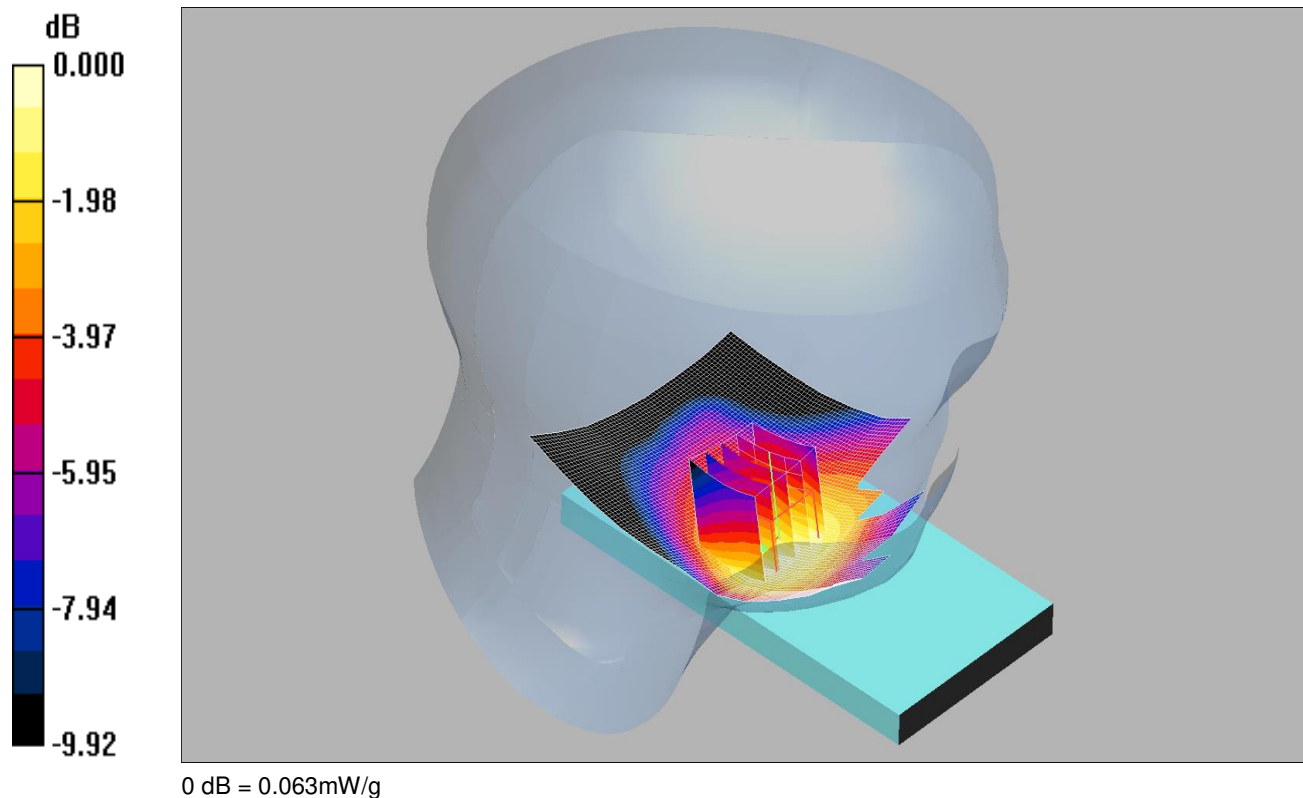
Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.093 W/kg

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

Date: 18/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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; $\sigma = 0.881$ 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

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

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

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

Reference Value = 2.91 V/m; Power Drift = 0.046 dB

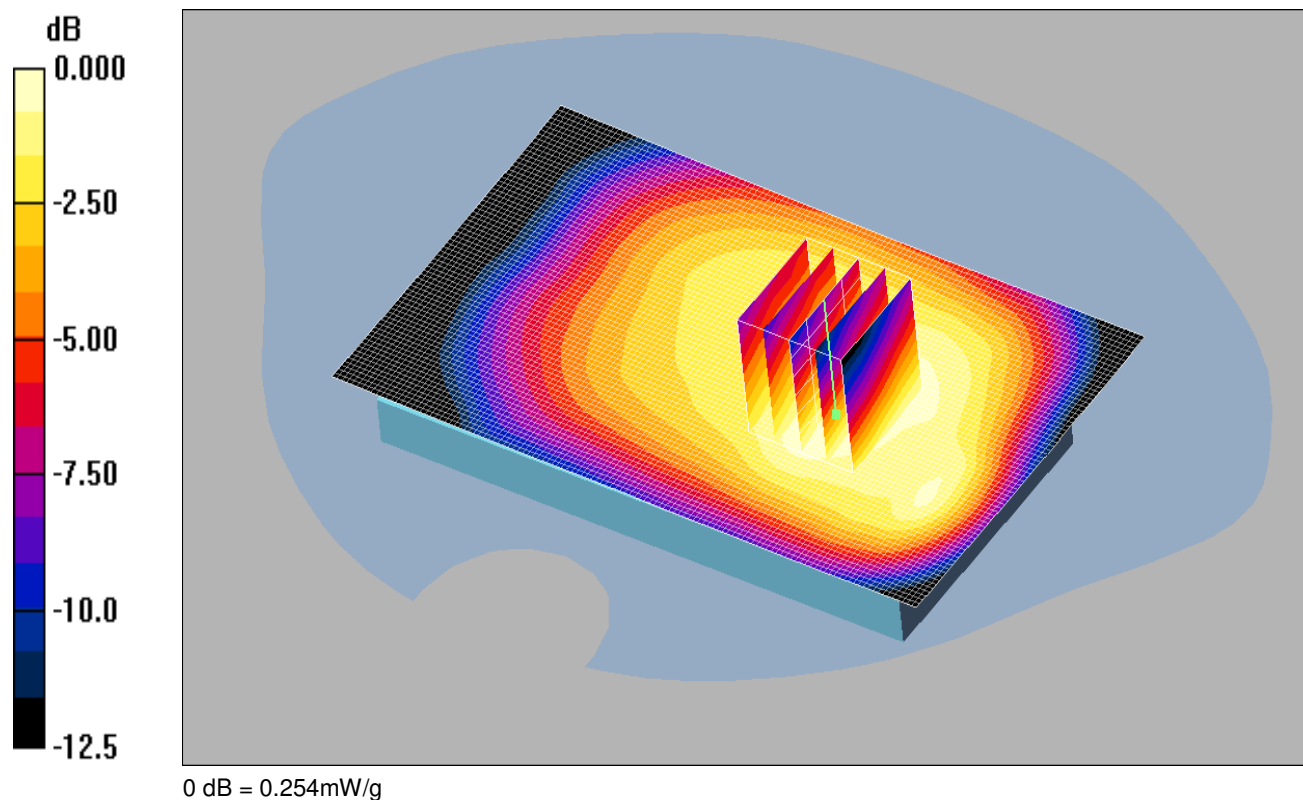
Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.043 mW/g

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

Date 13/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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: 4mm (Mechanical Surface Detection)

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

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

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

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

Maximum value of SAR (interpolated) = 0.252 mW/g

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

Reference Value = 16.6 V/m; Power Drift = -0.033 dB

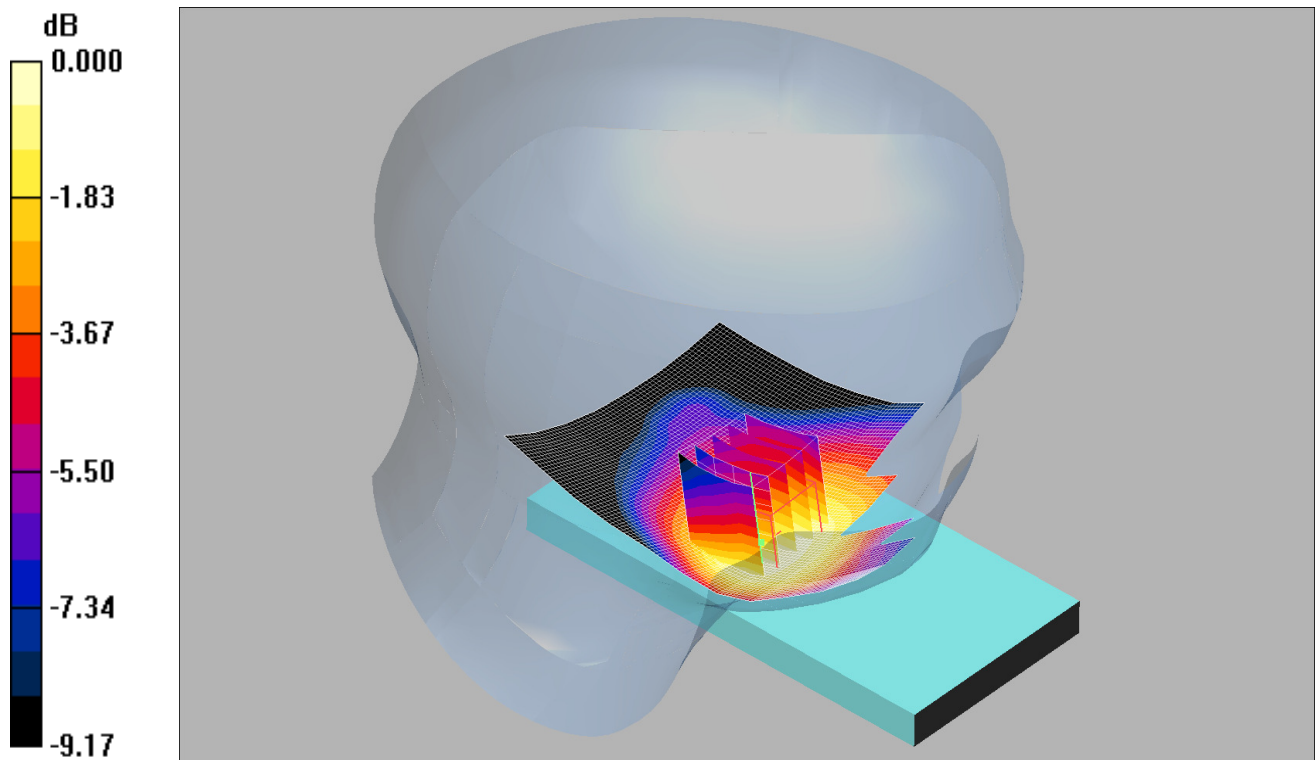
Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.254 mW/g

Date: 19/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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

Medium: 750 MHz HSL Medium parameters used (interpolated): $f = 710 \text{ MHz}$; $\sigma = 0.838 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

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

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

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

Maximum value of SAR (interpolated) = 0.041 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 = 2.33 V/m; Power Drift = -0.081 dB

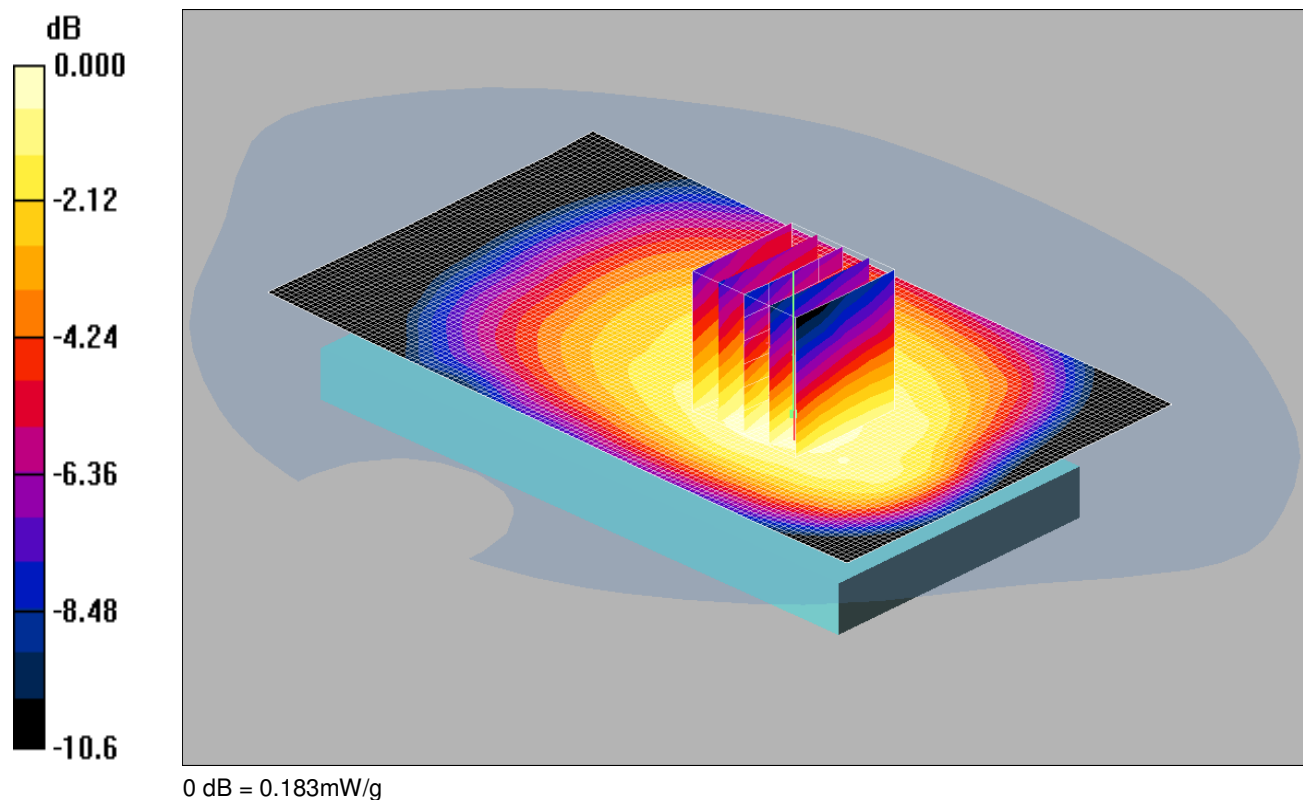
Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.028 mW/g

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

Date: 17/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 709 MHz; Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): $f = 709$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/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 High - Hotspot - PBx 3/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

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

Reference Value = 14.2 V/m; Power Drift = 0.053 dB

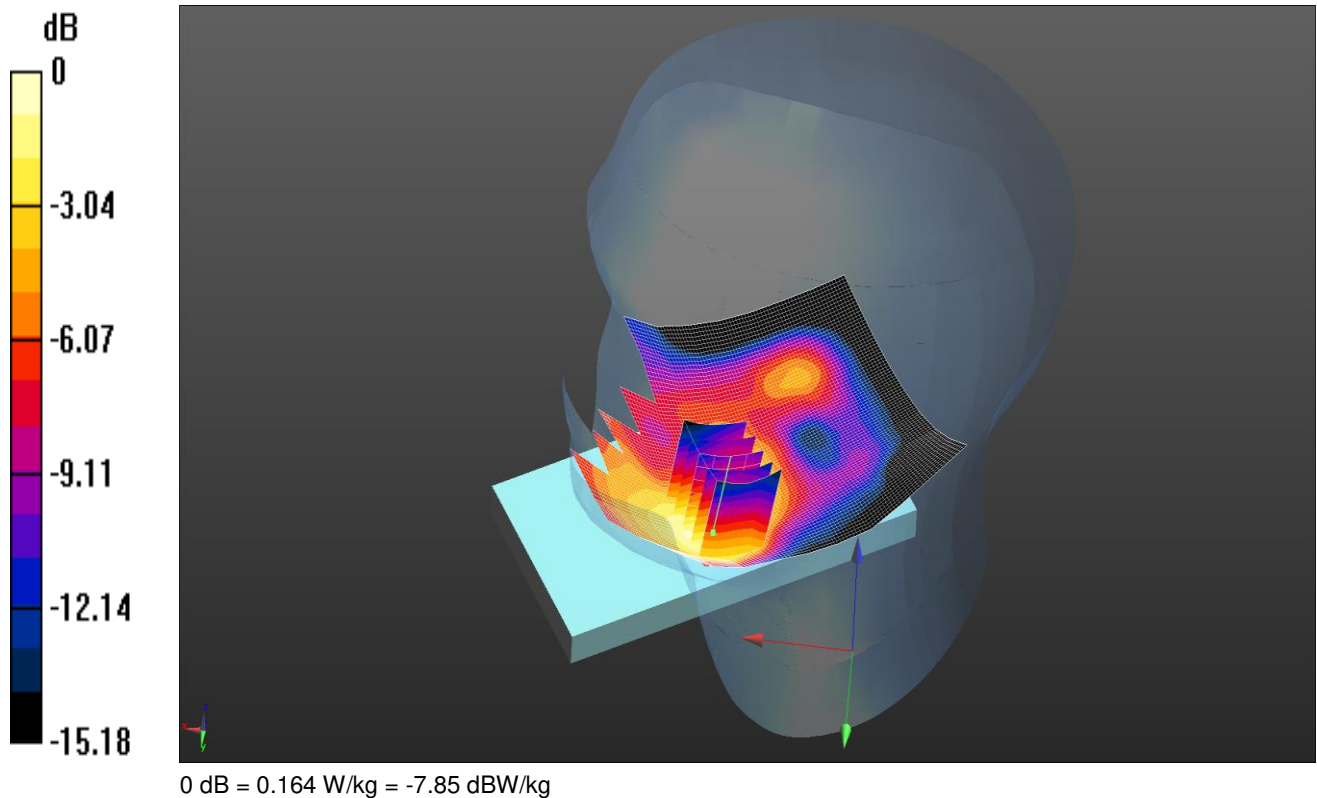
Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.183 mW/g

Date: 19/4/2016

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



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium: 1900 HSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 39.173$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

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

Configuration/Touch Right 1RB Low - Head - PB0/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

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

Reference Value = 10.91 V/m; Power Drift = 0.05 dB

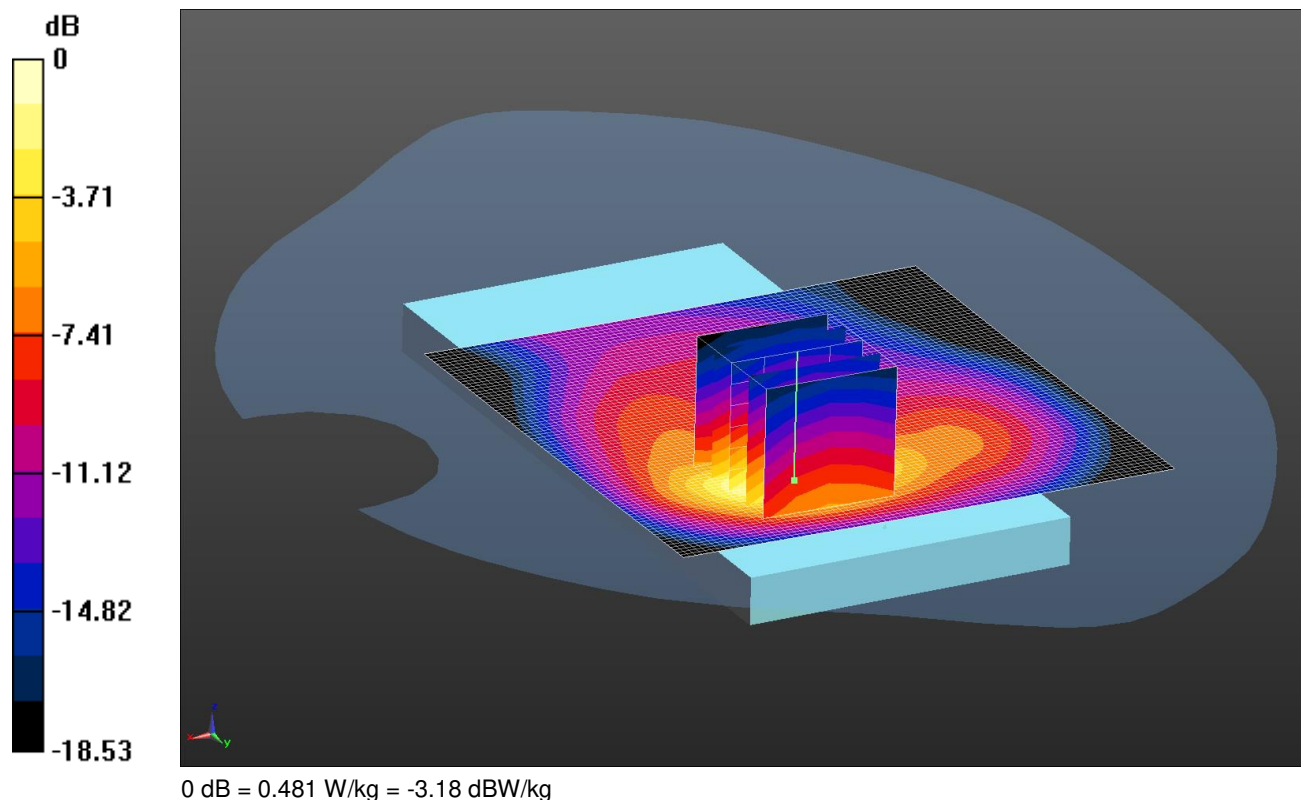
Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.098 W/kg

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

Date: 09/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz; Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.761$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back 1RB Low - Hotspot - PB1 2/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.463 W/kg

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

Reference Value = 8.152 V/m; Power Drift = -0.06 dB

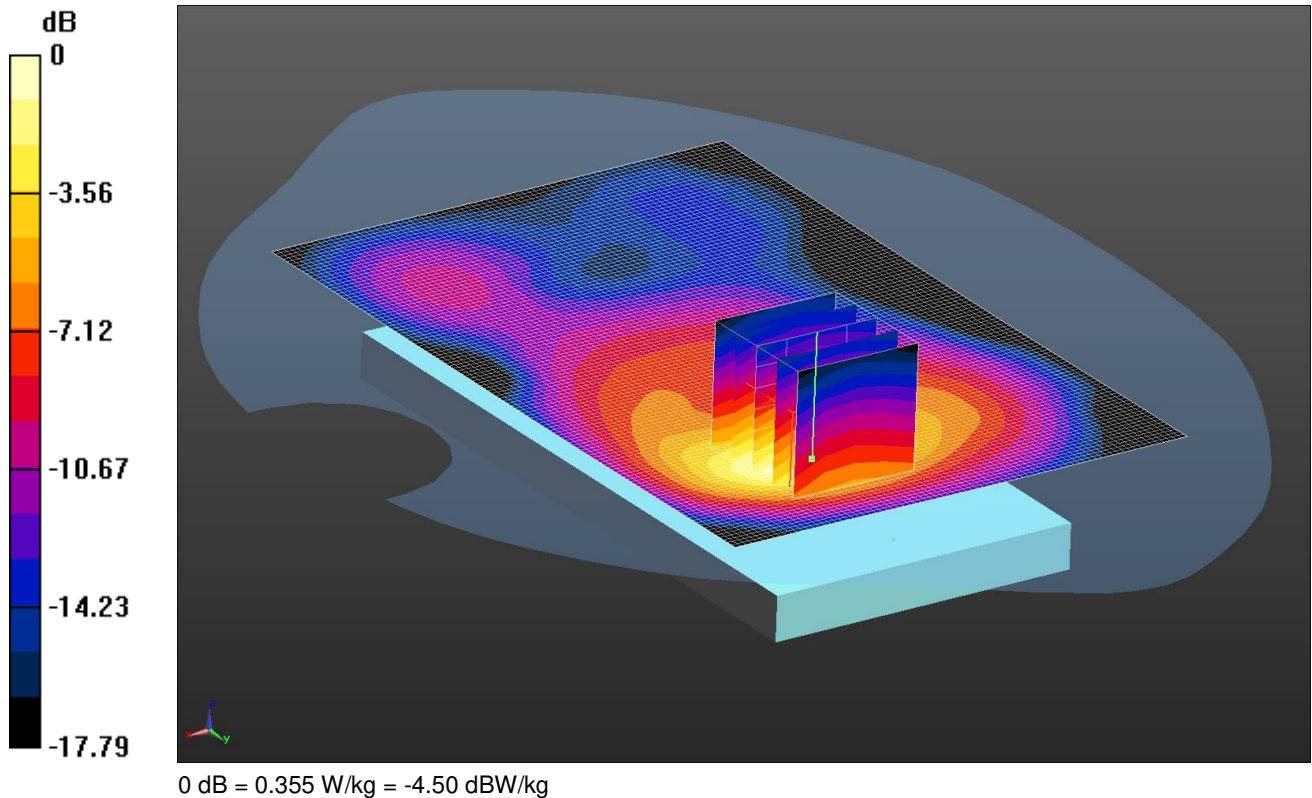
Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.481 W/kg

Date: 16/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 51.771$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

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

Configuration/Back 1RB Low - Bodyworn - PB0/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.339 W/kg

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

Reference Value = 7.944 V/m; Power Drift = 0.07 dB

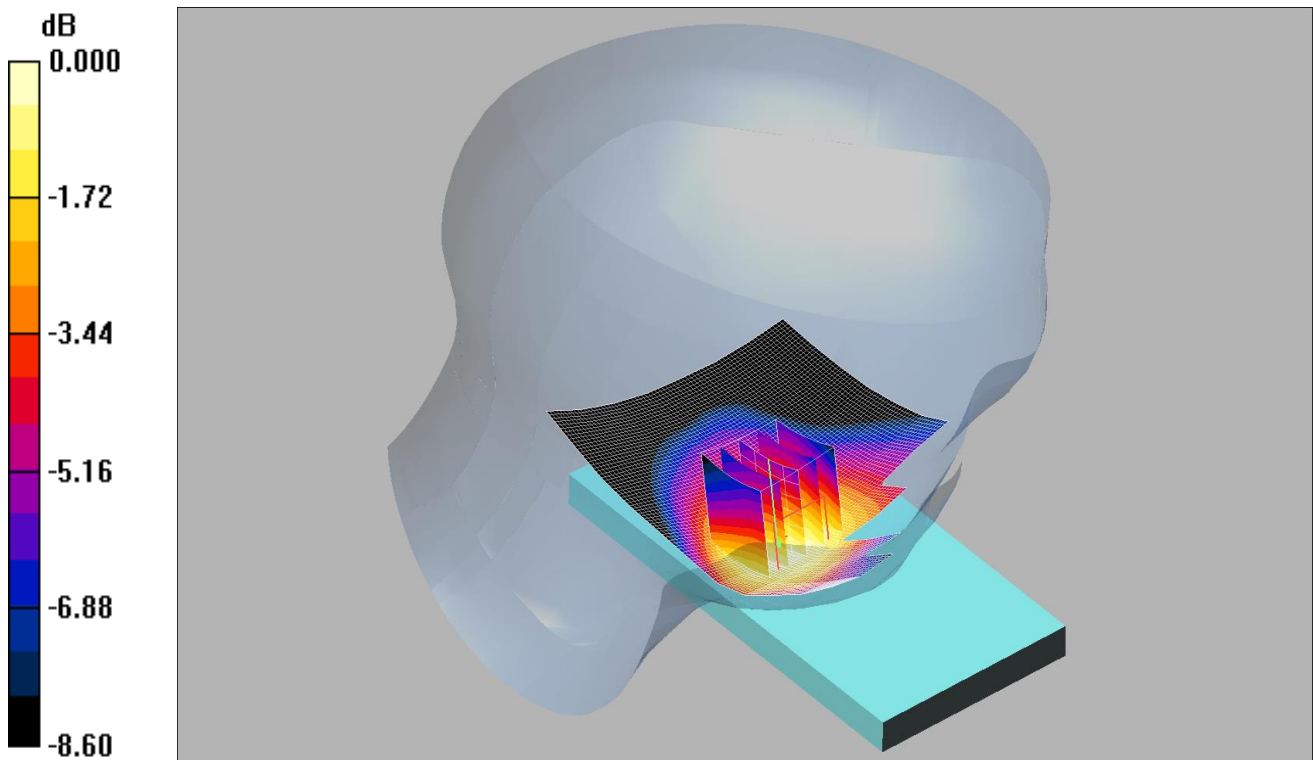
Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.355 W/kg

Date: 06/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



0 dB = 0.118mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.118 mW/g

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

Reference Value = 11.8 V/m; Power Drift = -0.029 dB

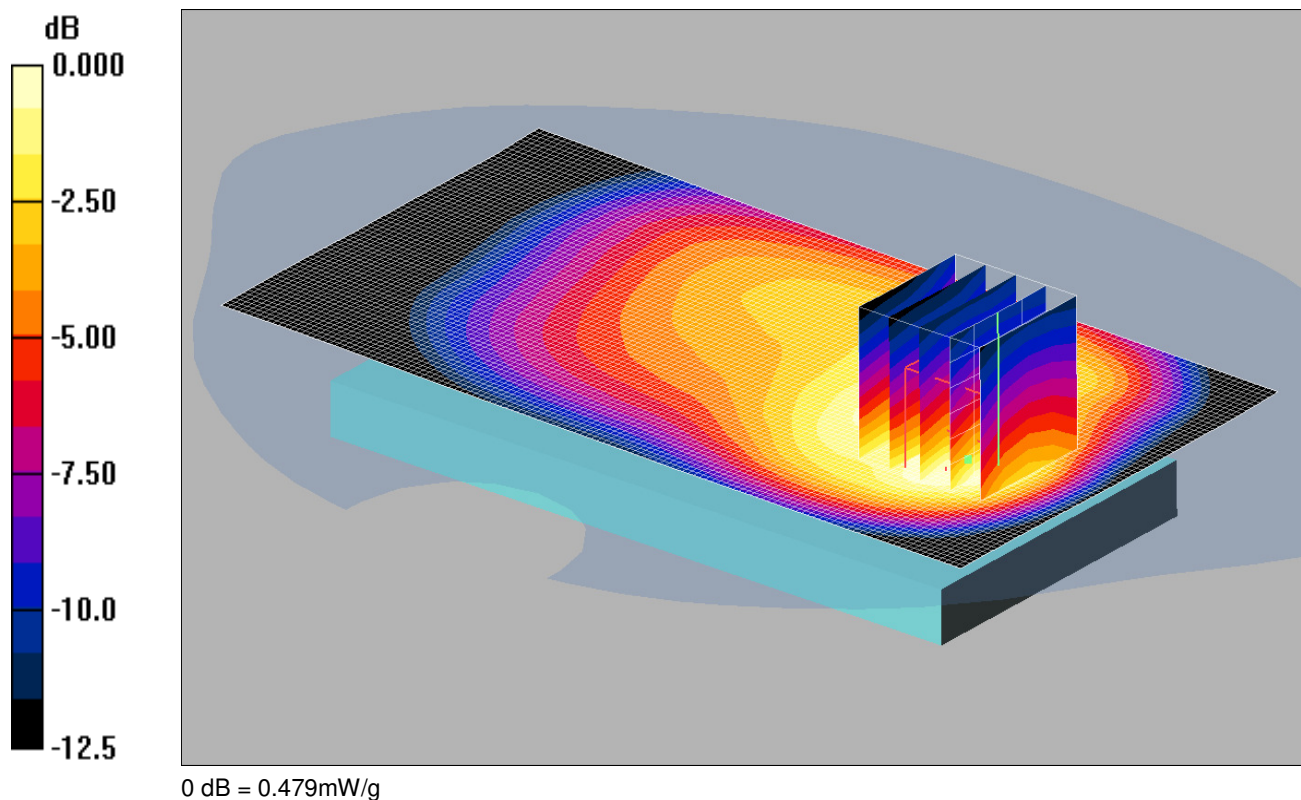
Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.118 mW/g

Date: 28/04/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



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) = 0.533 mW/g

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

Reference Value = 15.9 V/m; Power Drift = -0.010 dB

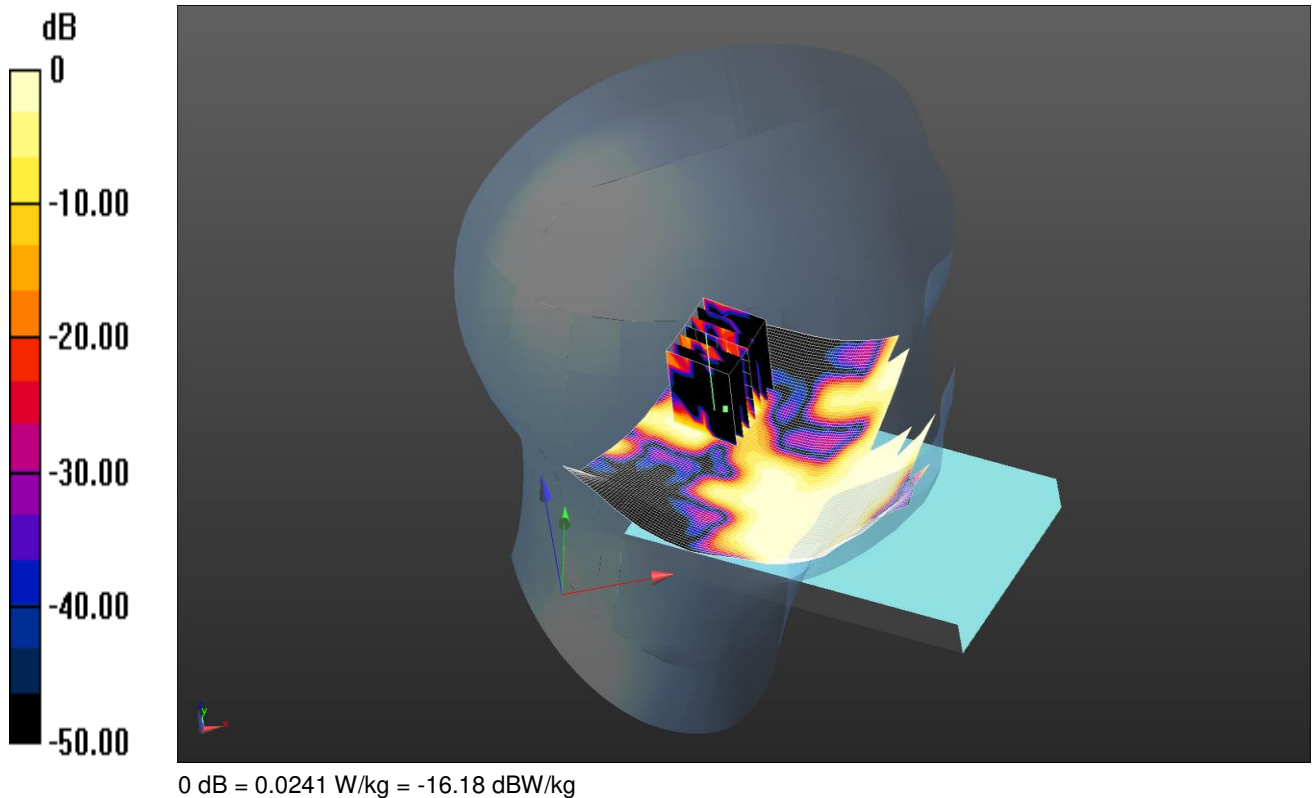
Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.479 mW/g

Date: 06/05/2016

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: 2300 MHz HSL Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.696$ S/m; $\epsilon_r = 38.143$; $\rho = 1000$ 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)

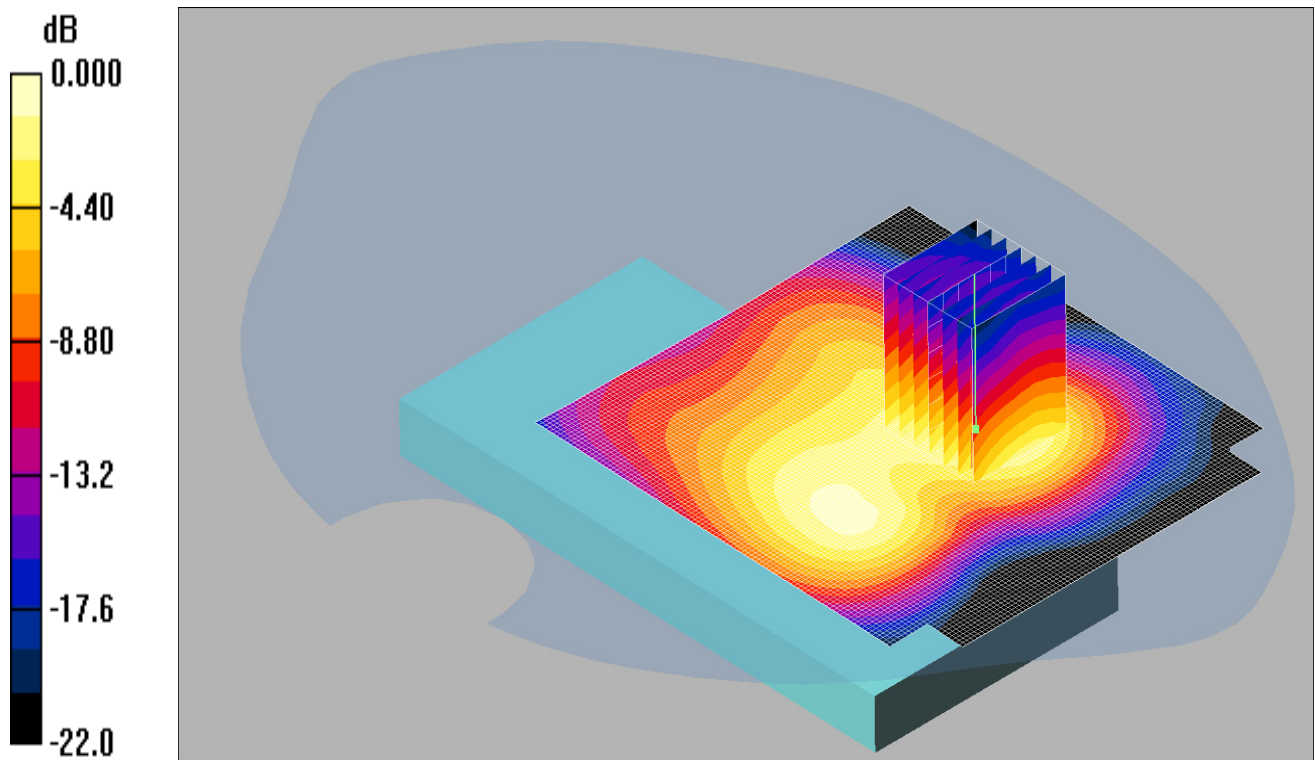
Configuration/Touch Left 50%RB Low - Head - PB0/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0371 W/kg

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 = 3.199 V/m; Power Drift = 0.72 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00431 W/kg

Maximum value of SAR (measured) = 0.0241 W/kg

Date: 19/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



0 dB = 0.364mW/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 1 RB Low - Hotspot - PB1/Area Scan (101x111x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.362 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.109 dB

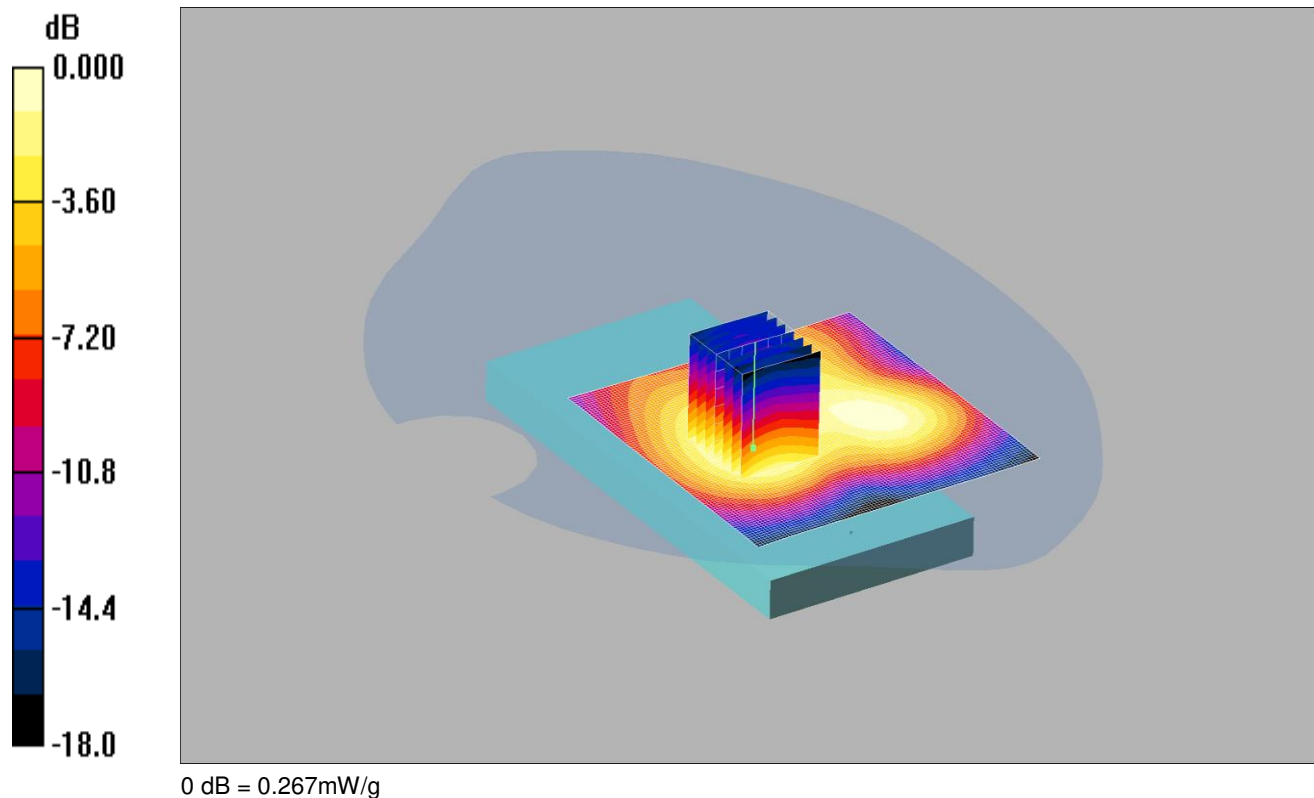
Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.151 mW/g

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

Date: 24/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



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 1RB Low - Bodyworn - PB0/Area Scan (91x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.277 mW/g

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

Reference Value = 11.7 V/m; Power Drift = -0.180 dB

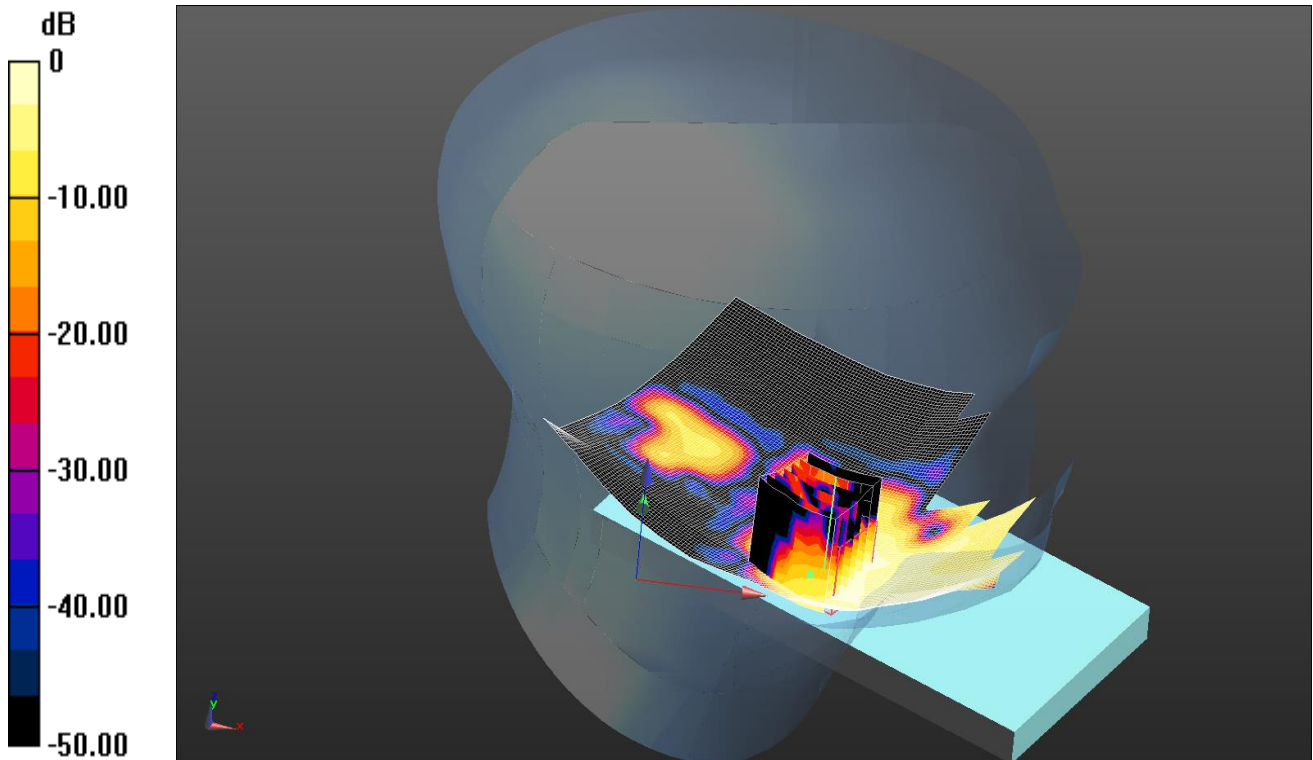
Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.267 mW/g

Date: 29/04/2016

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



0 dB = 0.0517 W/kg = -12.87 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/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) = 0.0408 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 = 2.465 V/m; Power Drift = 1.78 dB

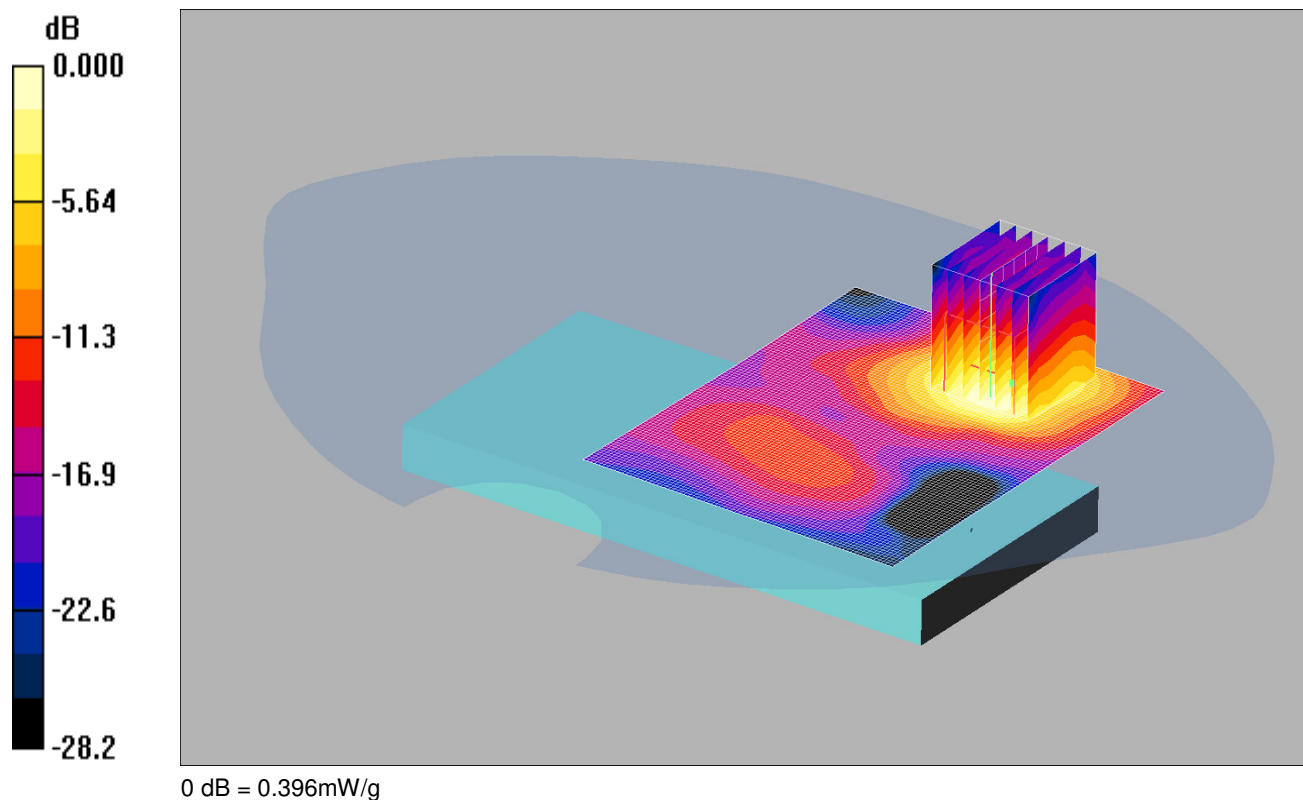
Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0517 W/kg

Date: 18/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7



Communication System: LTE - Band 41/ 20MHz Channel; Frequency: 2593 MHz; Duty Cycle: 1:2.30675
Medium: 2600 MHz MSL Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.16$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1);
- 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 Middle - Hotspot - PBx/Area Scan (101x81x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 13.8 V/m; Power Drift = 0.008 dB

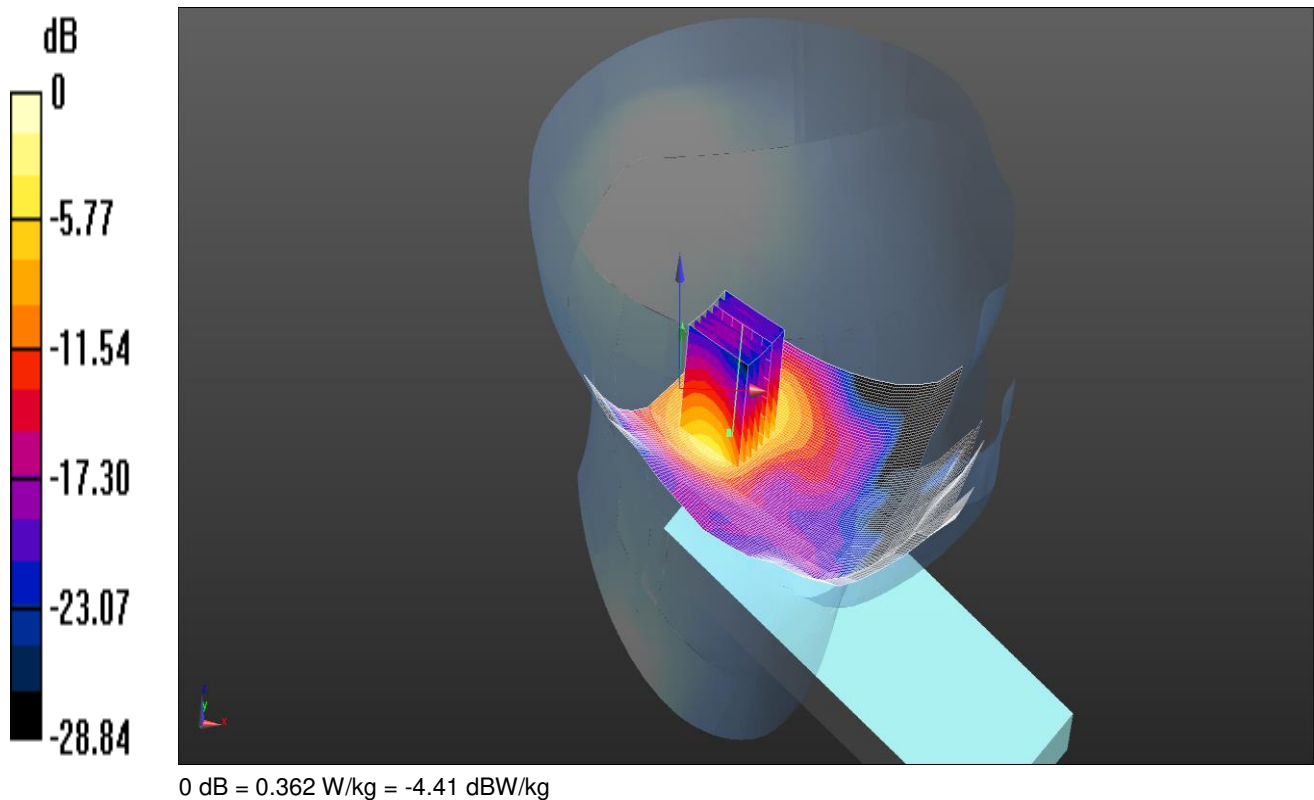
Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.396 mW/g

Date: 23/04/2016

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



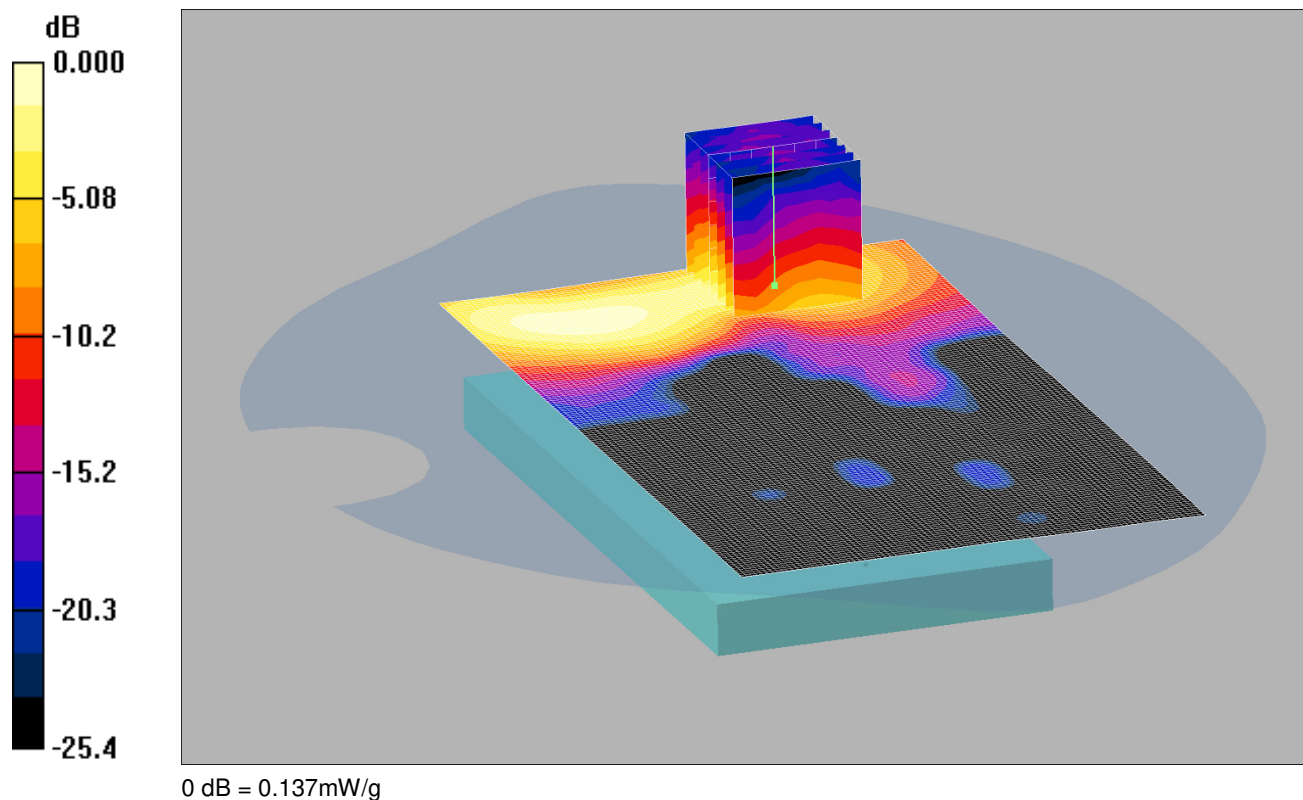
Communication System: UID 0, WLAN 802.11 (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.992$; $\rho = 1000$ kg/m³
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; 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 2/Area Scan (101x181x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.285 W/kg

Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx 2/Ant1 Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 7.769 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.362 W/kg

Date: 09/05/2016

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



Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.31, 4.31, 4.31);

- 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 - Hotspot - PBx 2/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.130 mW/g

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

Reference Value = 7.11 V/m; Power Drift = 0.085 dB

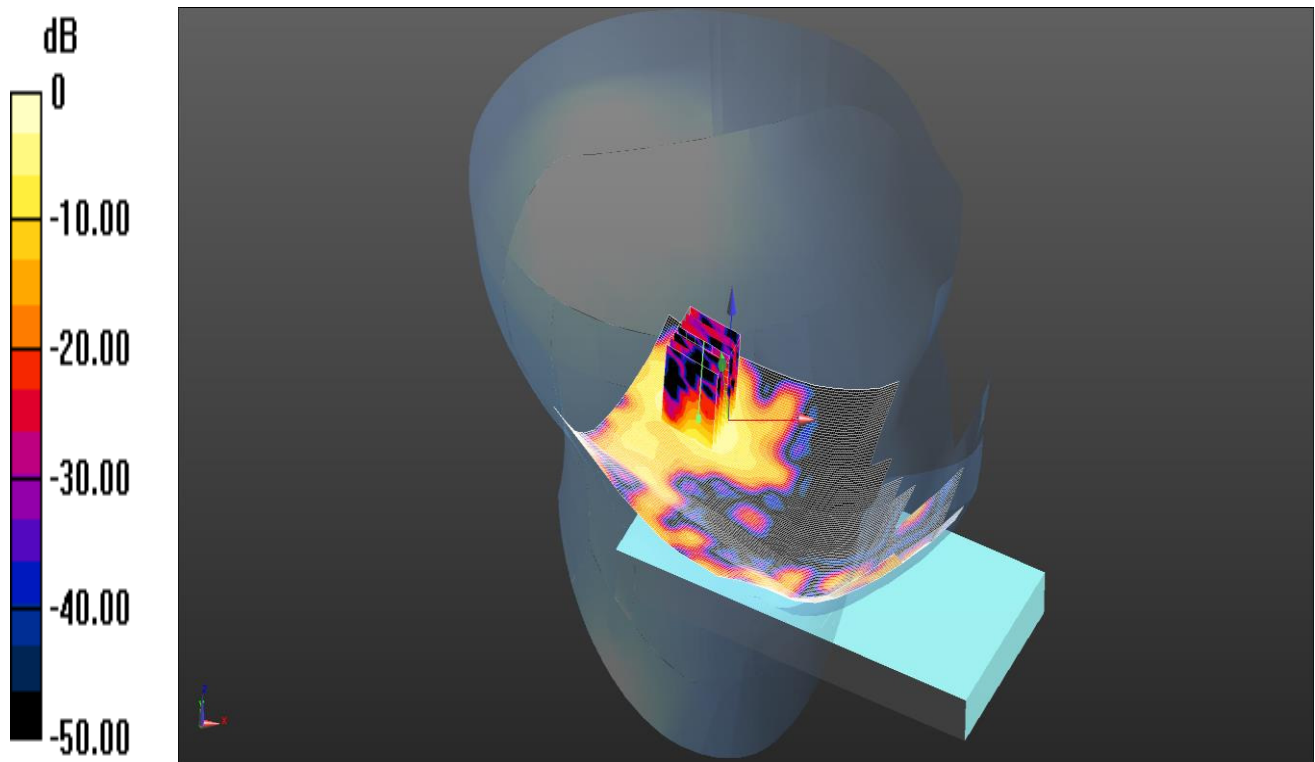
Peak SAR (extrapolated) = 0.220 W/kg

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

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

Date: 22/04/2016

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5250/5600/5750 MHz HSL Medium parameters used: $f = 5500$ MHz; $\sigma = 4.921$ S/m; $\epsilon_r = 34.234$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.5, 4.5, 4.5); Calibrated: 21/03/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn431; Calibrated: 17/11/2015
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left 802.11a MIMO Ant 1&2 - Head - PBx/Area Scan (121x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.966 W/kg

Configuration/Touch Left 802.11a MIMO Ant 1&2 - Head - PBx/Ant1 Zoom Scan (7x7x12) (7x7x12)/Cube 0:

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

Reference Value = 15.158 V/m; Power Drift = -0.01 dB

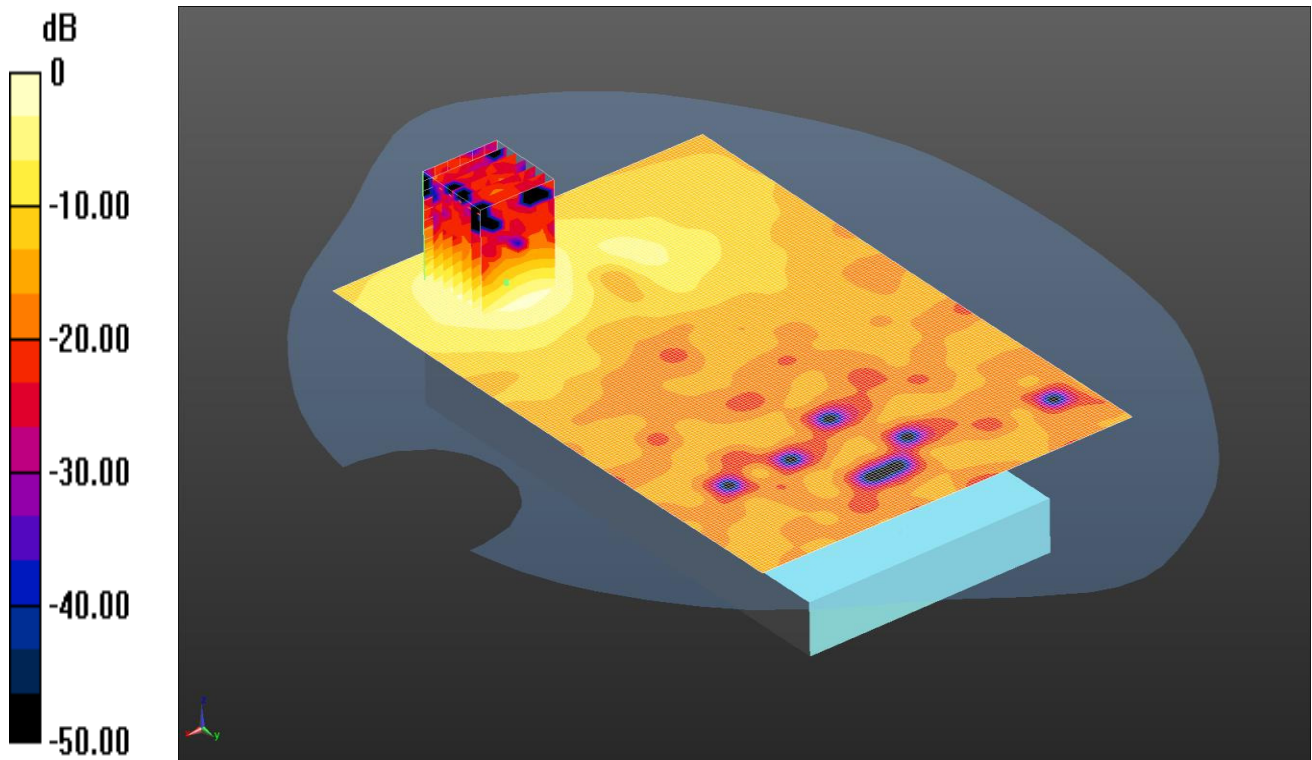
Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 1.04 W/kg

Date: 04/05/16

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



0 dB = 0.824 W/kg = -0.84 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: 5250/5600/5750 MHz MSL Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.067$ S/m; $\epsilon_r = 48.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.99, 3.99, 3.99); Calibrated: 06/10/15;

- Sensor-Surface: 2mm (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 802.11a MIMO Ant 1&2 - Hotspot - PBx/Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.854 W/kg

Configuration/Back 802.11a MIMO Ant 1&2 - Hotspot - PBx/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.81 V/m; Power Drift = -0.15 dB

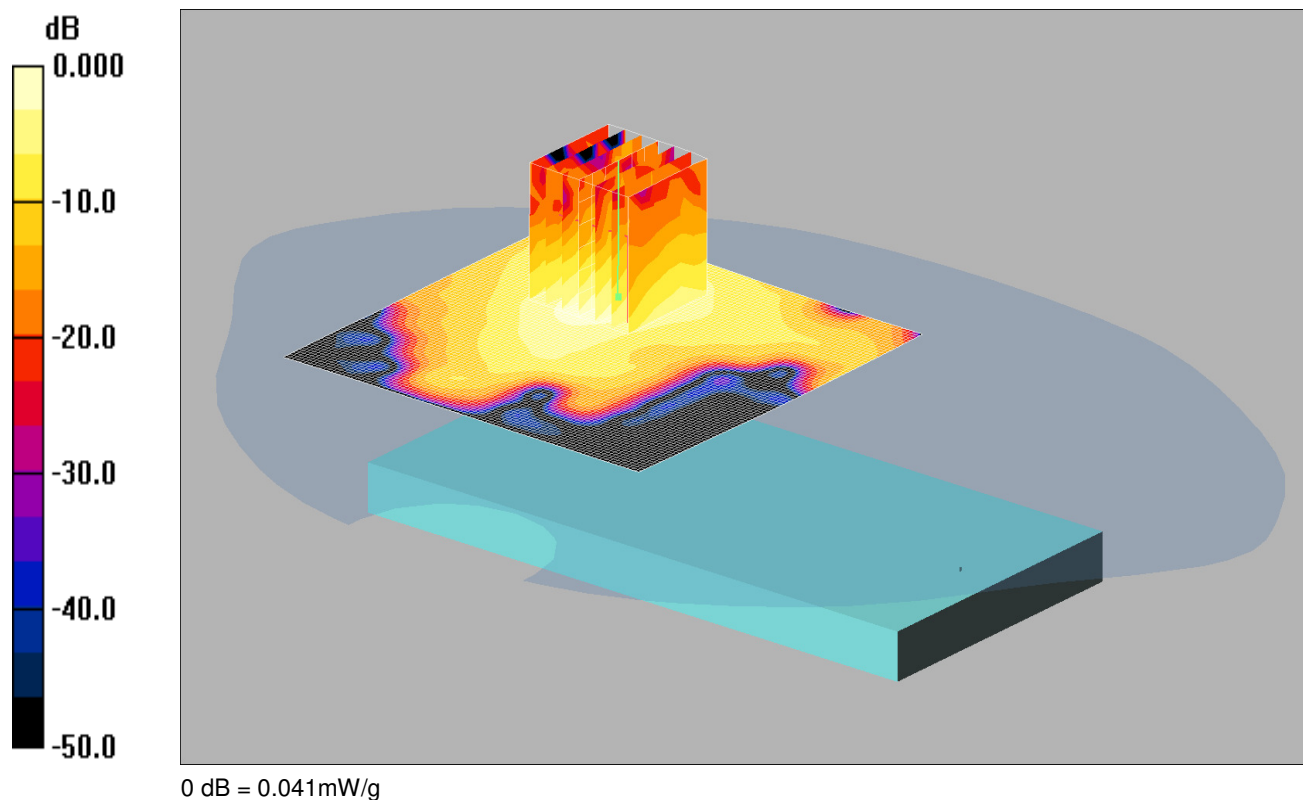
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.824 W/kg

Date: 20/05/2016

DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6



Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: 2300/2450 MHz MSL Medium parameters used (interpolated): $f = 2480$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3341; ConvF(4.31, 4.31, 4.31);

- 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 - Bluetooth - Hotspot - PBx/Area Scan (91x91x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 4.49 V/m; Power Drift = 0.013 dB

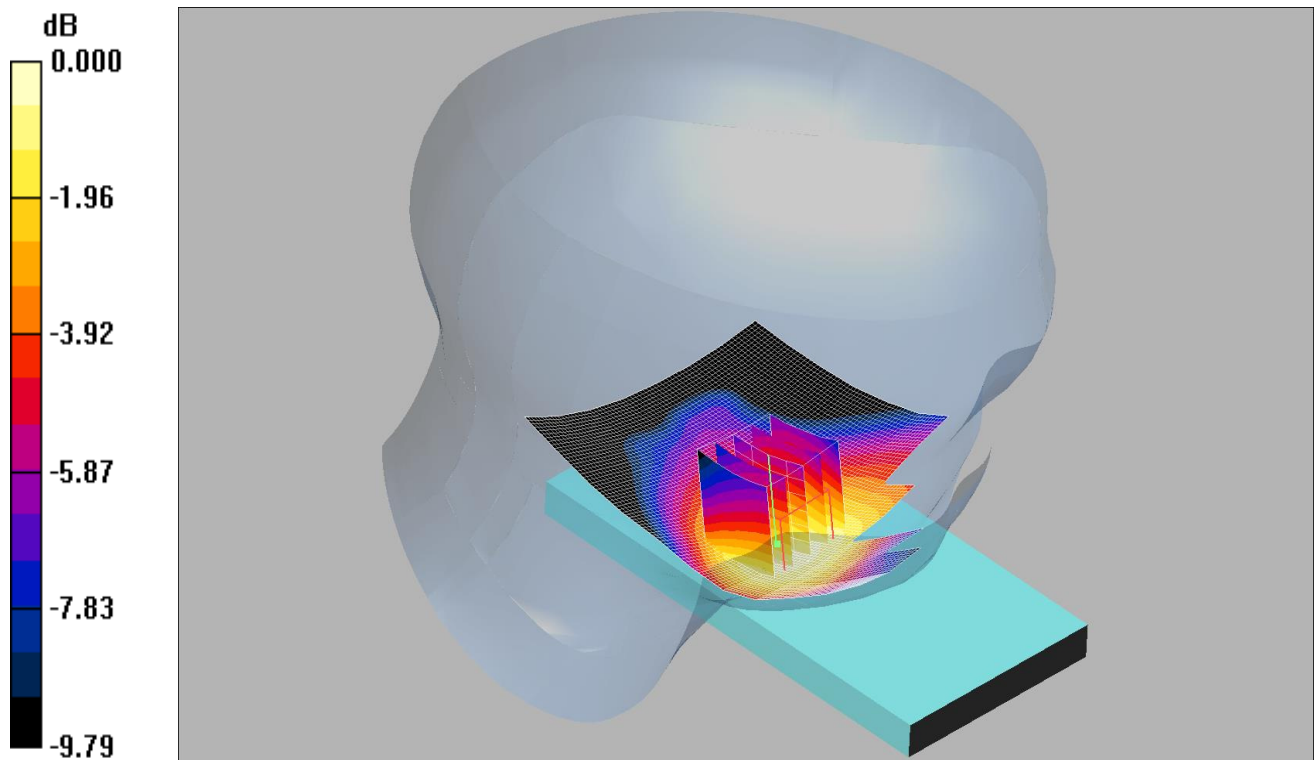
Peak SAR (extrapolated) = 0.070 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.014 mW/g

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

Date: 20/04/2016

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



0 dB = 0.143mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

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

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

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

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

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

Reference Value = 4.42 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.143 mW/g