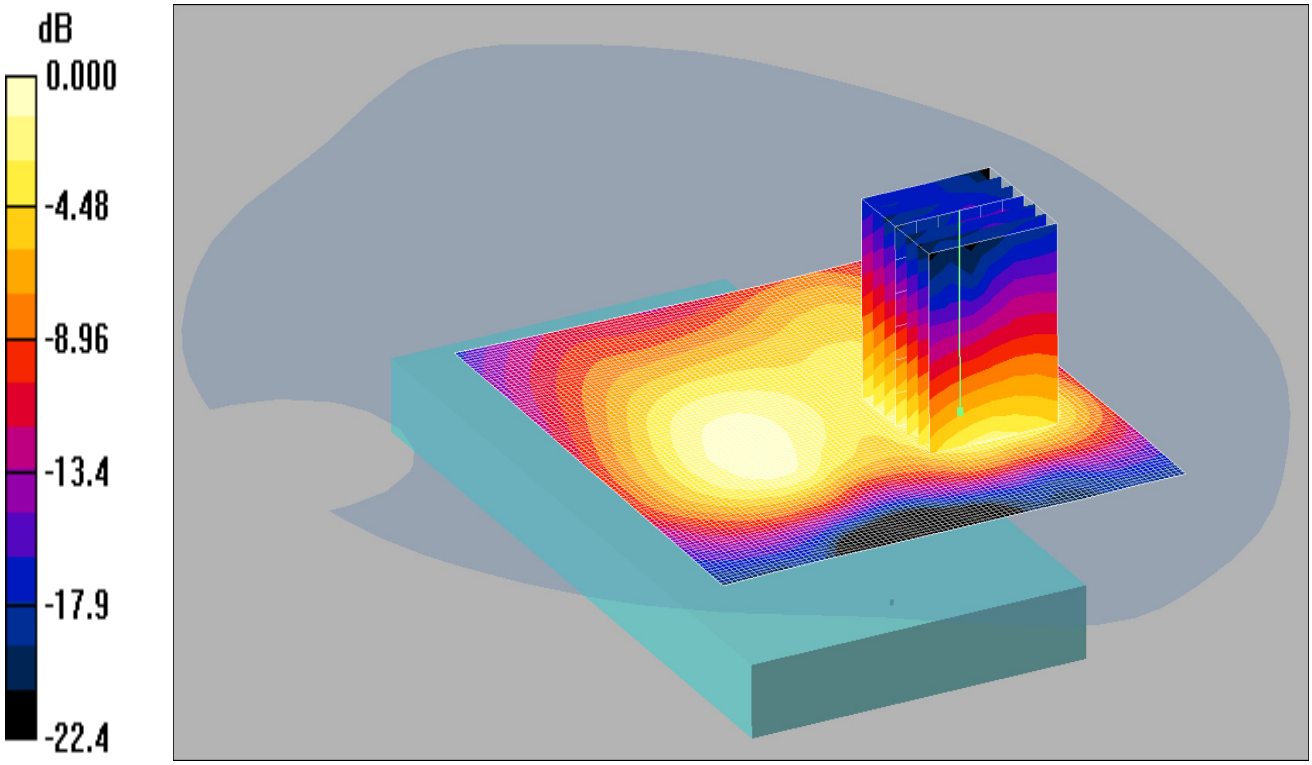
SAR/444: Back of EUT Hotspot LTE Band 30 10MHz 1 RB Low CH27710 Flavor-2

Date: 18/05/2016

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




0 dB = 0.228mW/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; $\varepsilon_r$ = 50.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 18

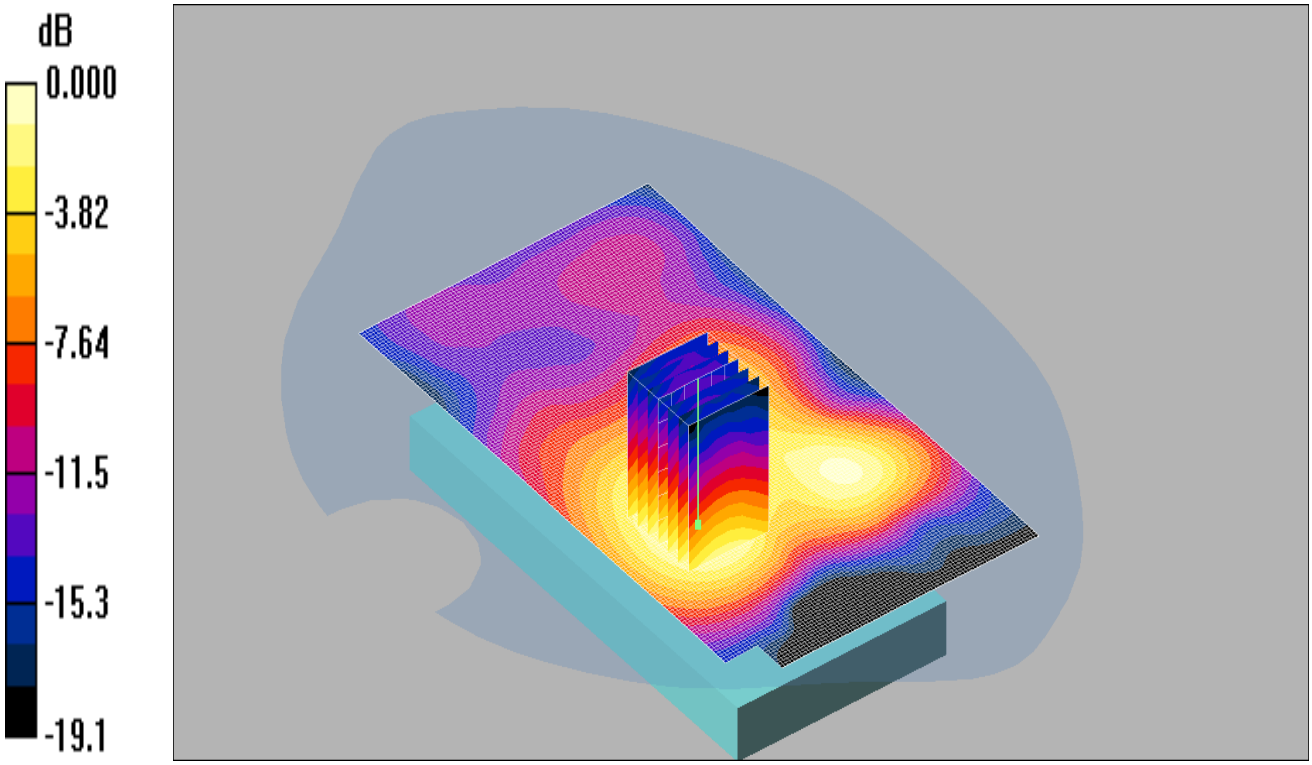
**Back 1 RB Low - Hotspot - PB1/Area Scan (91x101x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.237 mW/g

**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

SAR/445: Back of EUT Body-worn LTE Band 30 10MHz 1RB Low CH27710 - Flavor 2

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; $\varepsilon_r$ = 50.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

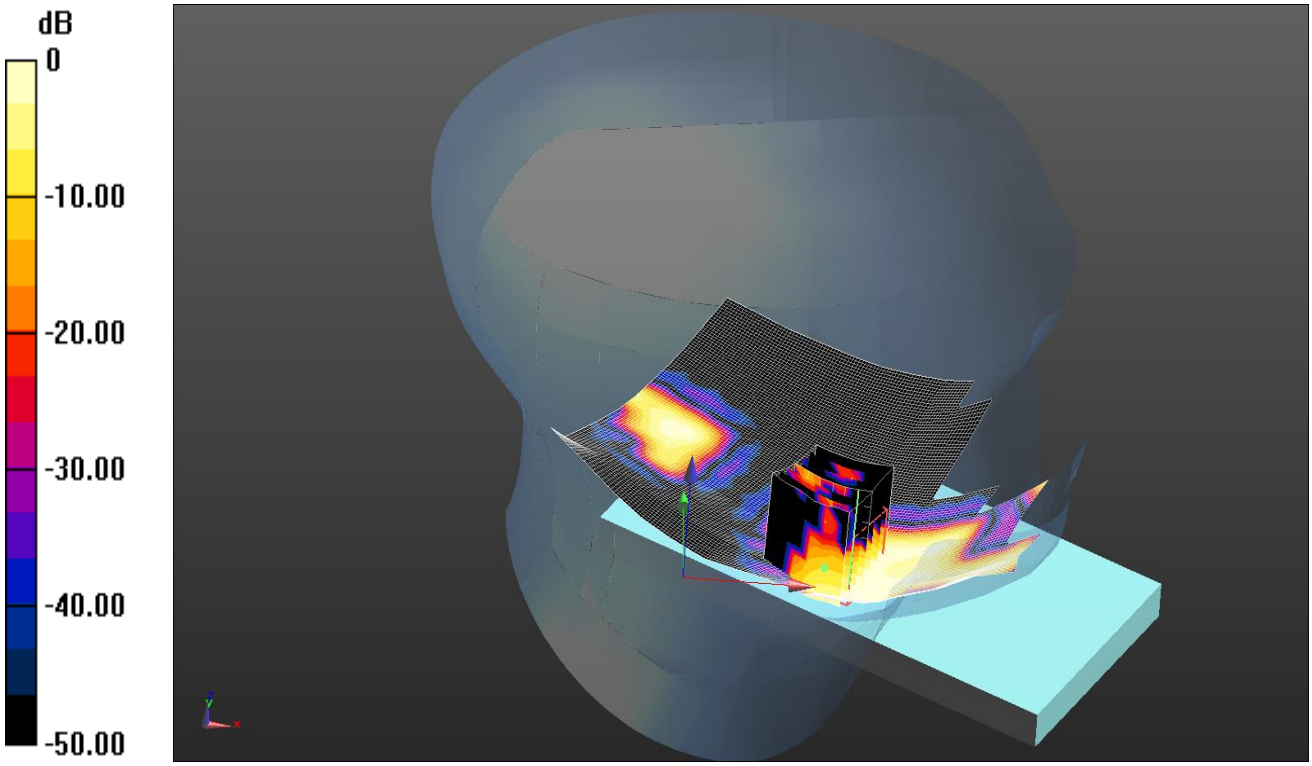
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

SAR/446: Touch Left LTE Band 41 20MHz 1RB Middle CH40620 Flavor 2

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

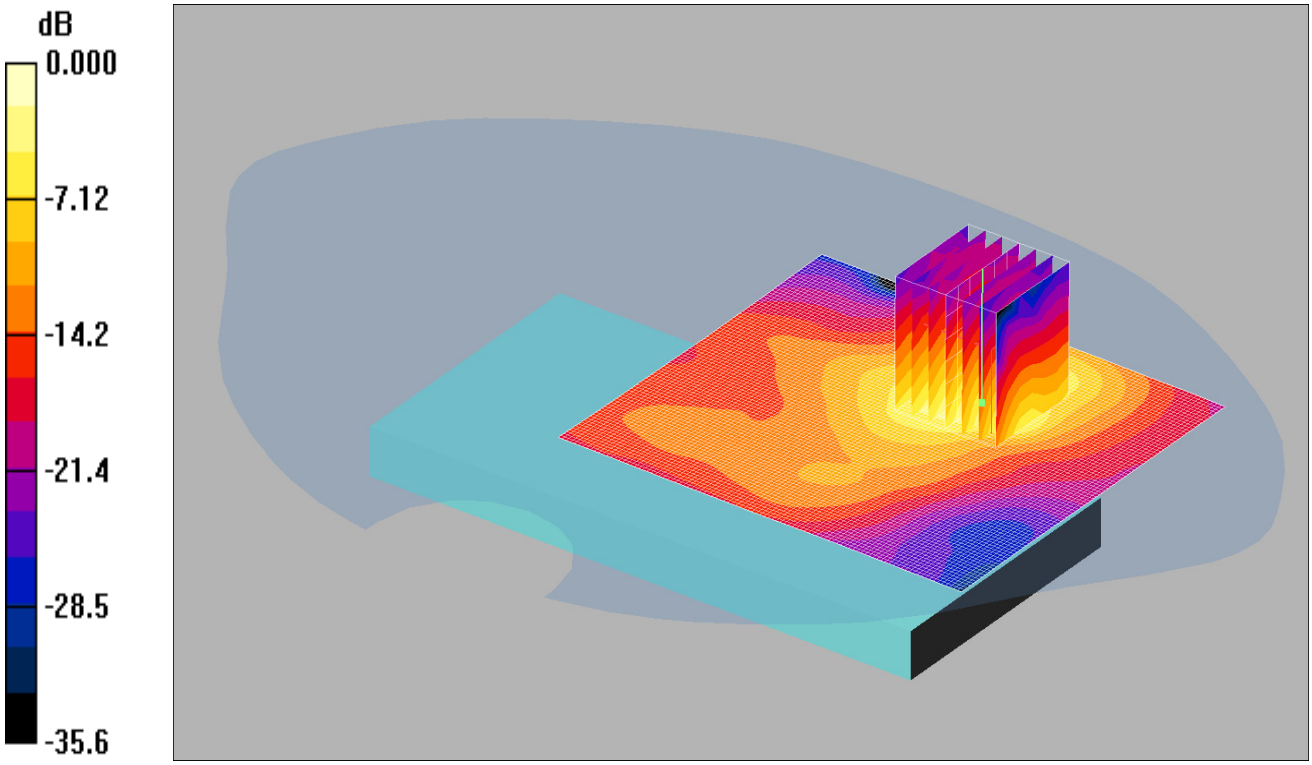
Communication System: UID 0, LTE TDD 20MHz(Duty Cycle 43%) (0); Frequency: 2593 MHz;Duty Cycle: 1:2.30675
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2593 MHz; $\sigma$ = 1.971 S/m; $\varepsilon_r$ = 38.232; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
**Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0402 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

SAR/447: Back of EUT Hotspot LTE  41 1RB Mid CH40620 - Flavor  2

Date: 13/05/2016

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




0 dB = 0.468mW/g

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; $\varepsilon_r$ = 50.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

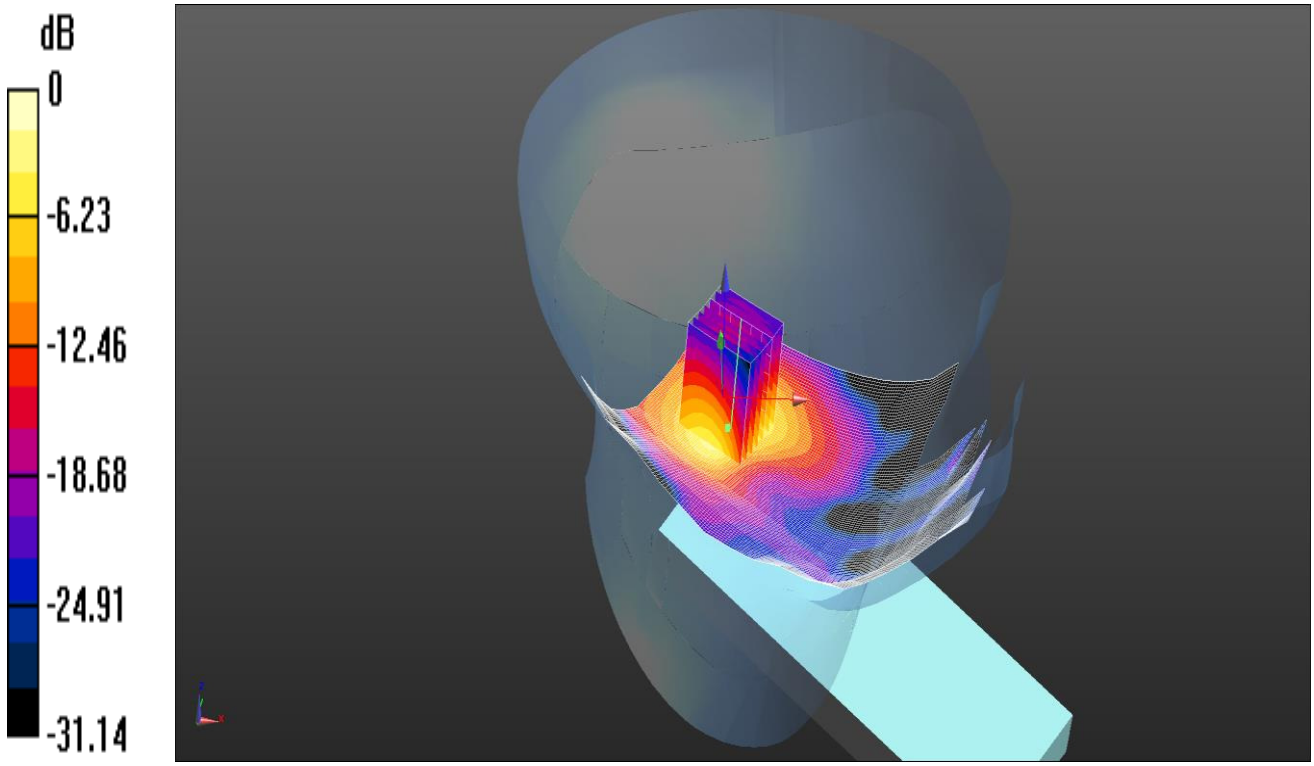
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1);

- 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

SAR/448: Tilt Left WLAN 2.4GHz 802.11b 6MBps MIMO Ant 1&2 CH1 Flavor 2

Date: 23/04/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.542 W/kg = -2.66 dBW/kg

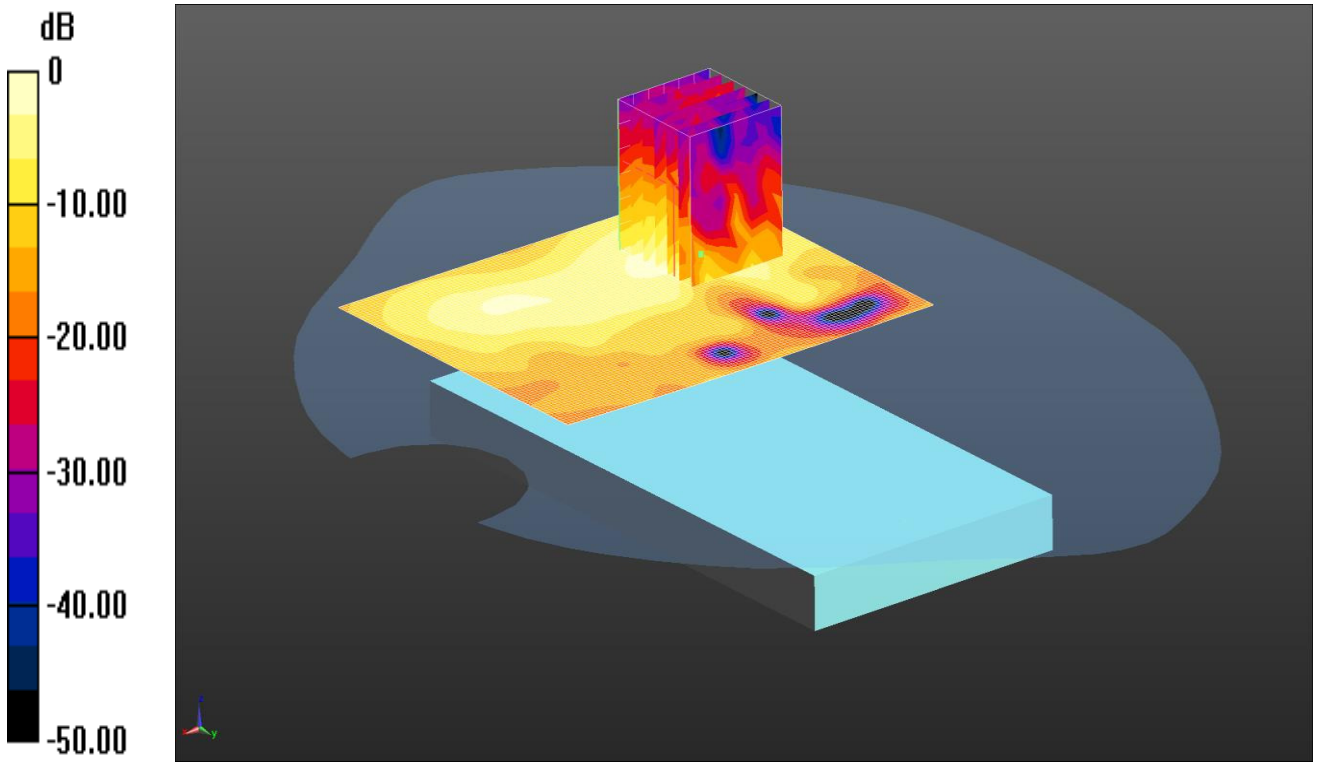
Communication System: UID 0, WLAN 802.11 (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.802 S/m; $\varepsilon_r$ = 39.992; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; 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=5mm, dy=5mm, dz=5mm
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

SAR/449: Back of EUT Hotspot WiFi 802.11b 1Mbps MIMO 1&2 CH6 - Flavor 2

Date: 07/05/16
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

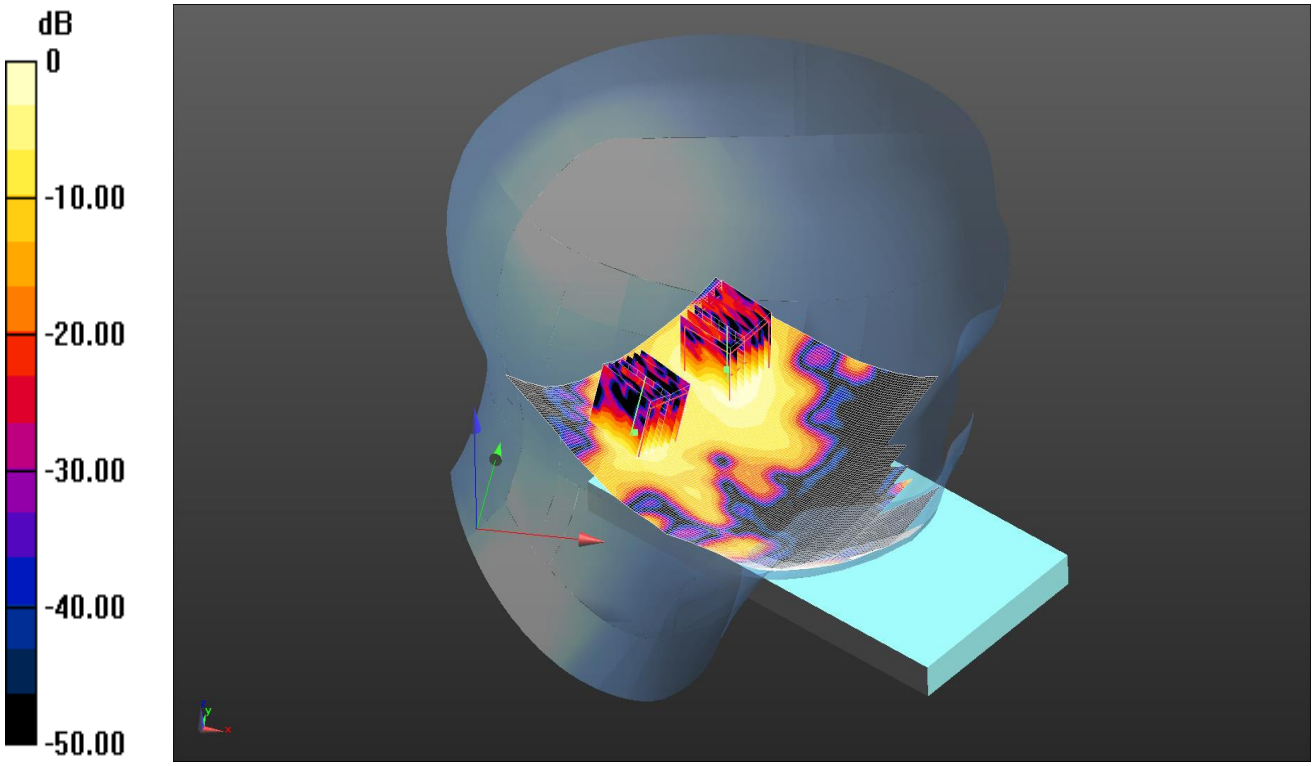



0 dB = 0.188 W/kg = -7.27 dBW/kg

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; $\varepsilon_r$ = 51.935; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.04, 7.04, 7.04); Calibrated: 06/10/15;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn431; Calibrated: 17/11/15
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
**Configuration/Back 802.11b MIMO Ant 1&2 - Hotspot - PBx/Area Scan (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=5mm, dy=5mm, dz=5mm
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

SAR/450: Touch Left WiFi 802.11a 6Mbps MIMO 1&2 CH100 - Flavor 2

Date: 21/04/16
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

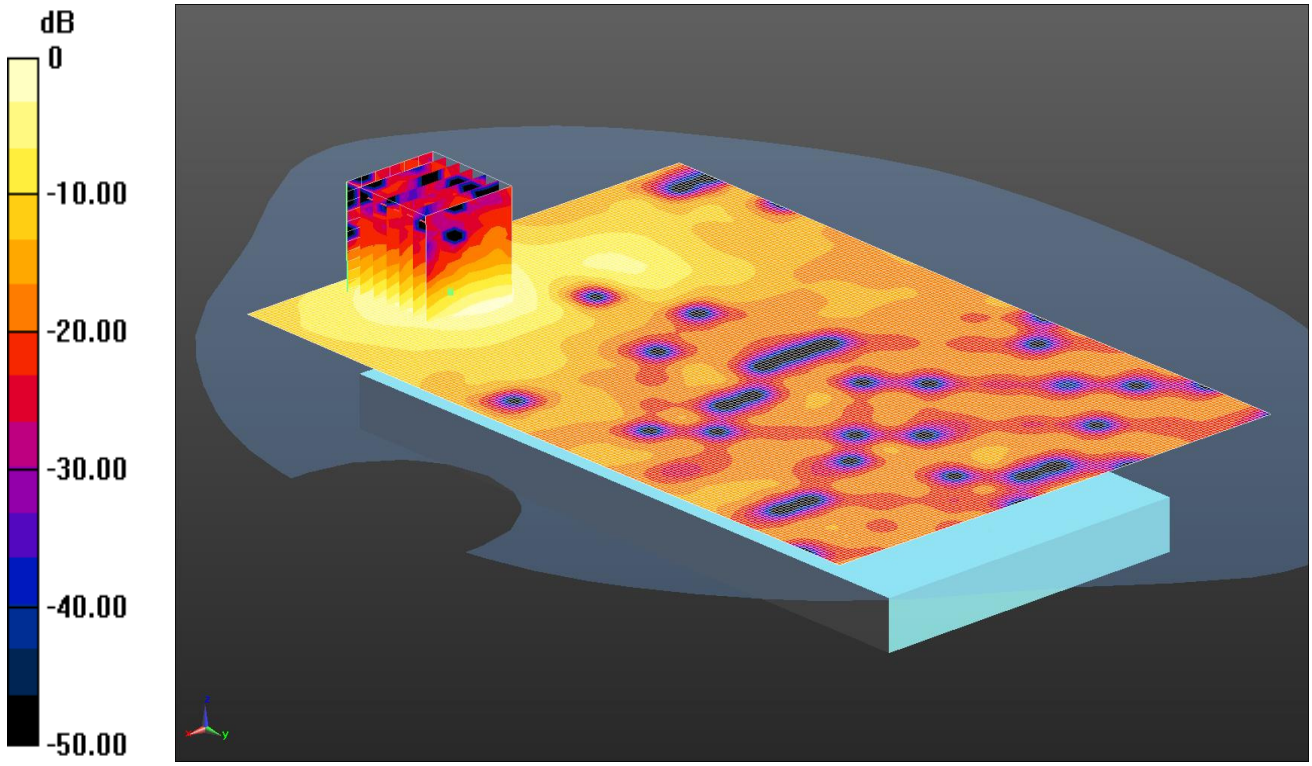



0 dB = 0.729 W/kg = -1.37 dBW/kg

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; $\varepsilon_r$ = 34.234; $\rho$ = 1000 kg/m$^3$
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.

SAR/451: Back of EUT Hotspot WiFi 802.11a 6Mbps MIMO 1&2 CH153 - Flavor 2

Date: 03/05/16
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.957 W/kg = -0.19 dBW/kg

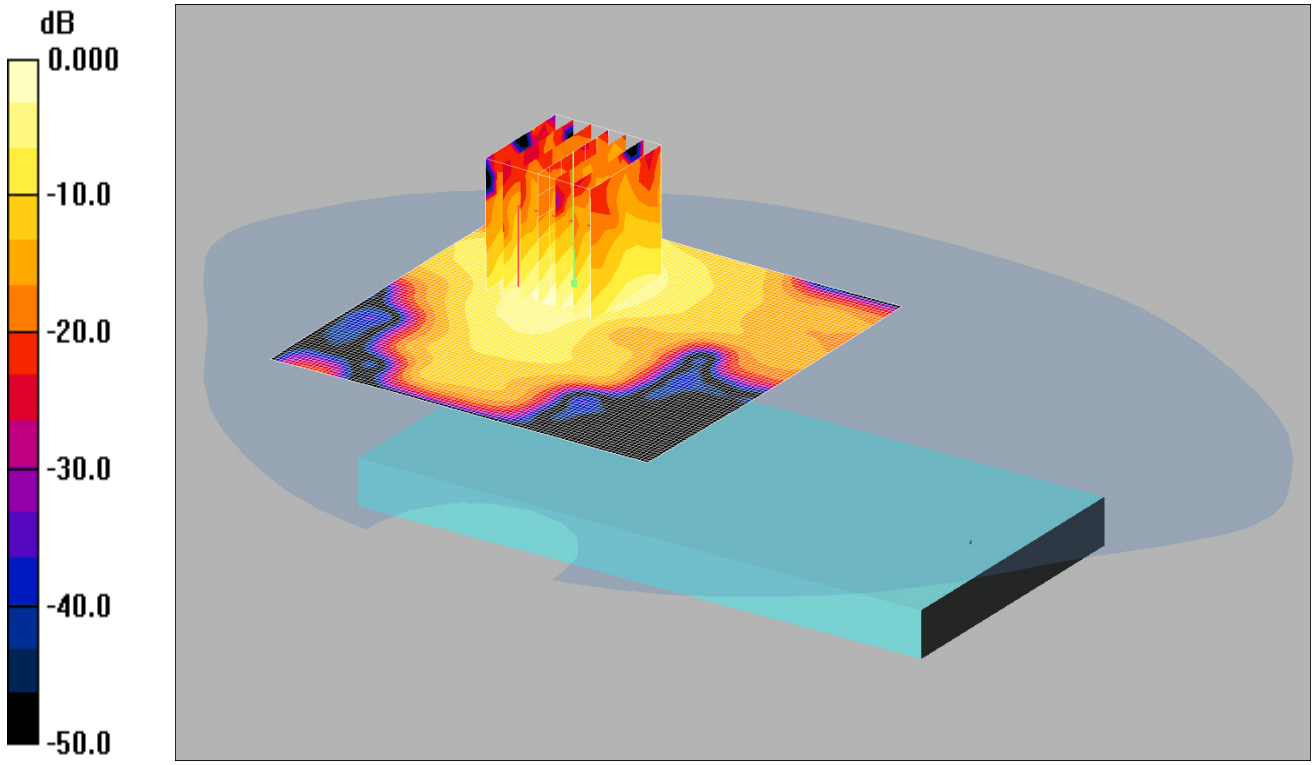
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5765 MHz;Duty Cycle: 1:1
Medium: 5250/5600/5750 MHz MSL Medium parameters used (interpolated): f = 5765 MHz; $\sigma$ = 6.067 S/m; $\varepsilon_r$ = 48.056; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - 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

SAR/452: Back of EUT Bluetooth BDR CH78 - Flavor 2

Date: 20/05/2016

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




0 dB = 0.041mW/g

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; $\varepsilon_r$ = 50.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.31, 4.31, 4.31);

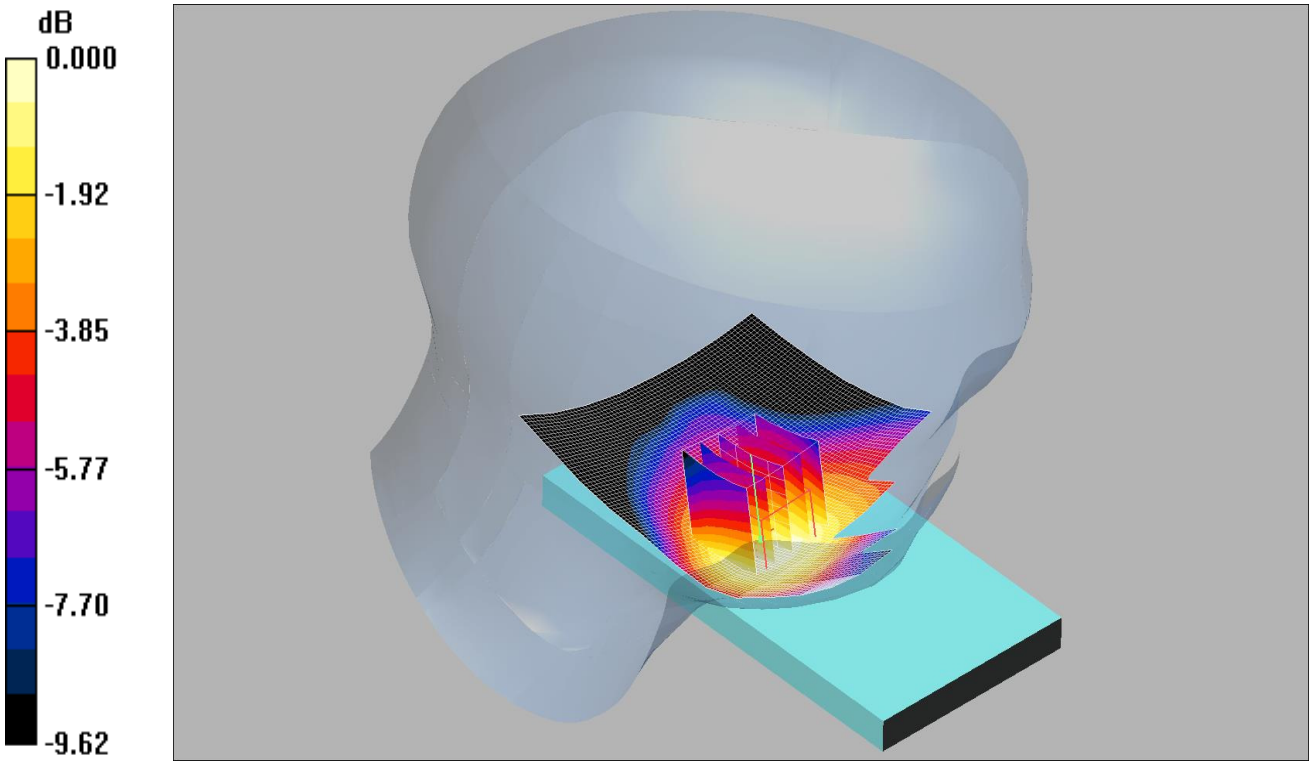
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/453: Touch Left GSM850 CH251 - Flavor 3

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; $\varepsilon_r$ = 40.7; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

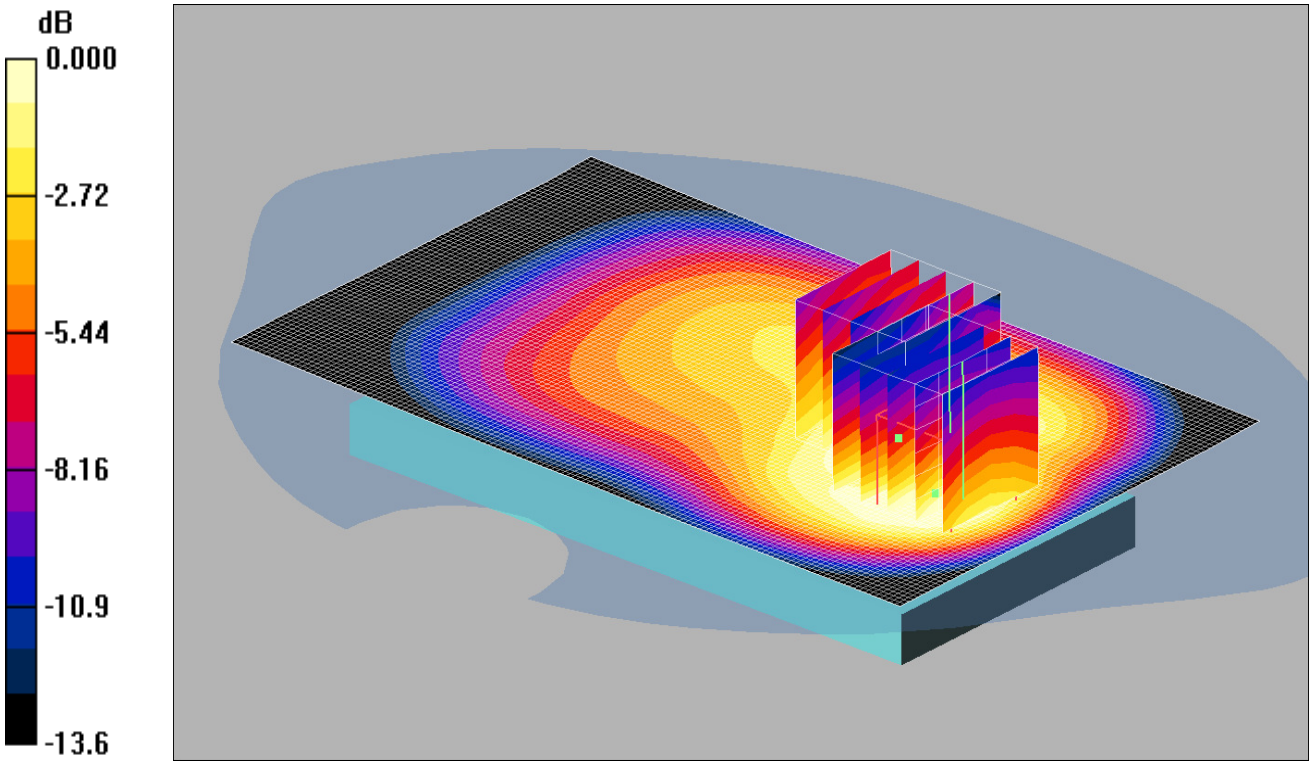
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/454: Back of EUT Hotspot GPRS850 3Tx CH251 - Flavor 3

Date: 26/04/2016

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




0 dB = 0.537mW/g

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; $\varepsilon_r$ = 54.7; $\rho$ = 1000 kg/m$^3$
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

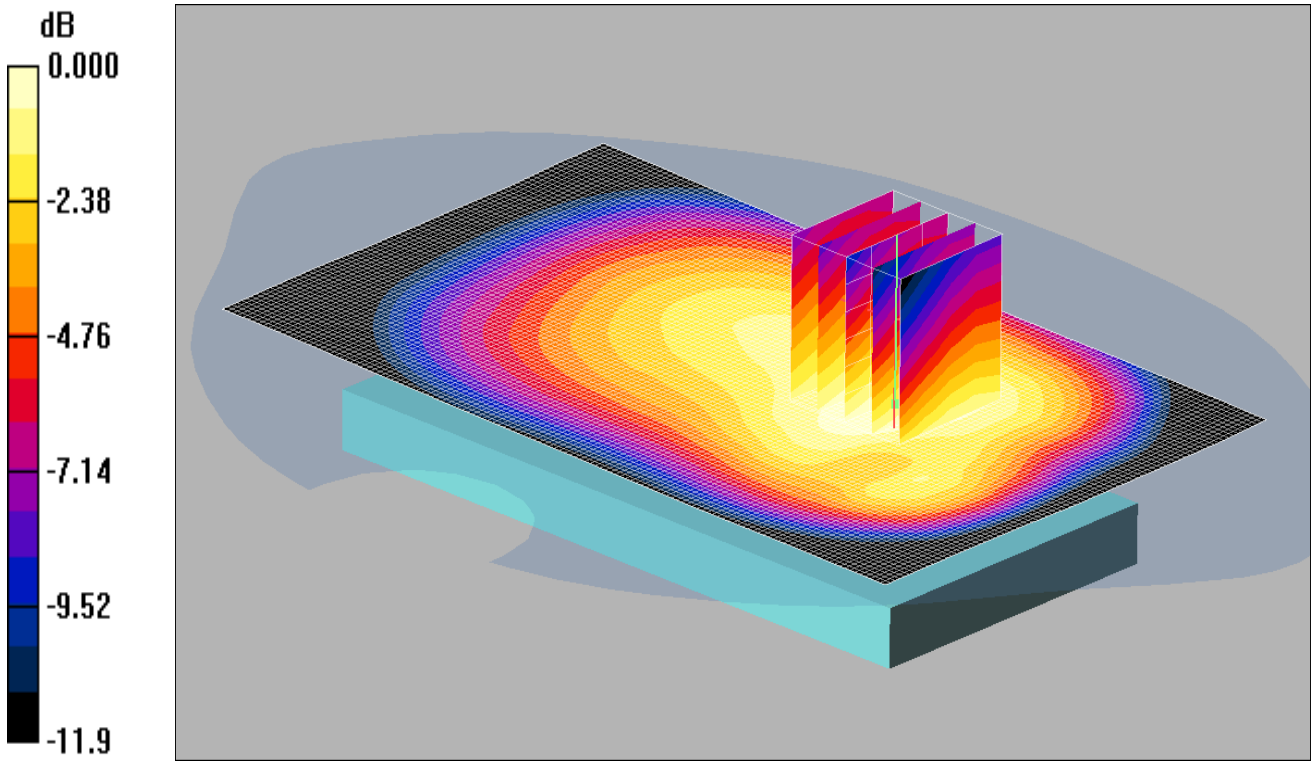
**Back - Hotspot - PBx/Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.627 mW/g
**Back - Hotspot - PBx/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 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.

SAR/455: Back of EUT Body-worn GSM850 CH251 - Flavor 3

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; $\varepsilon_r$ = 54.7; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

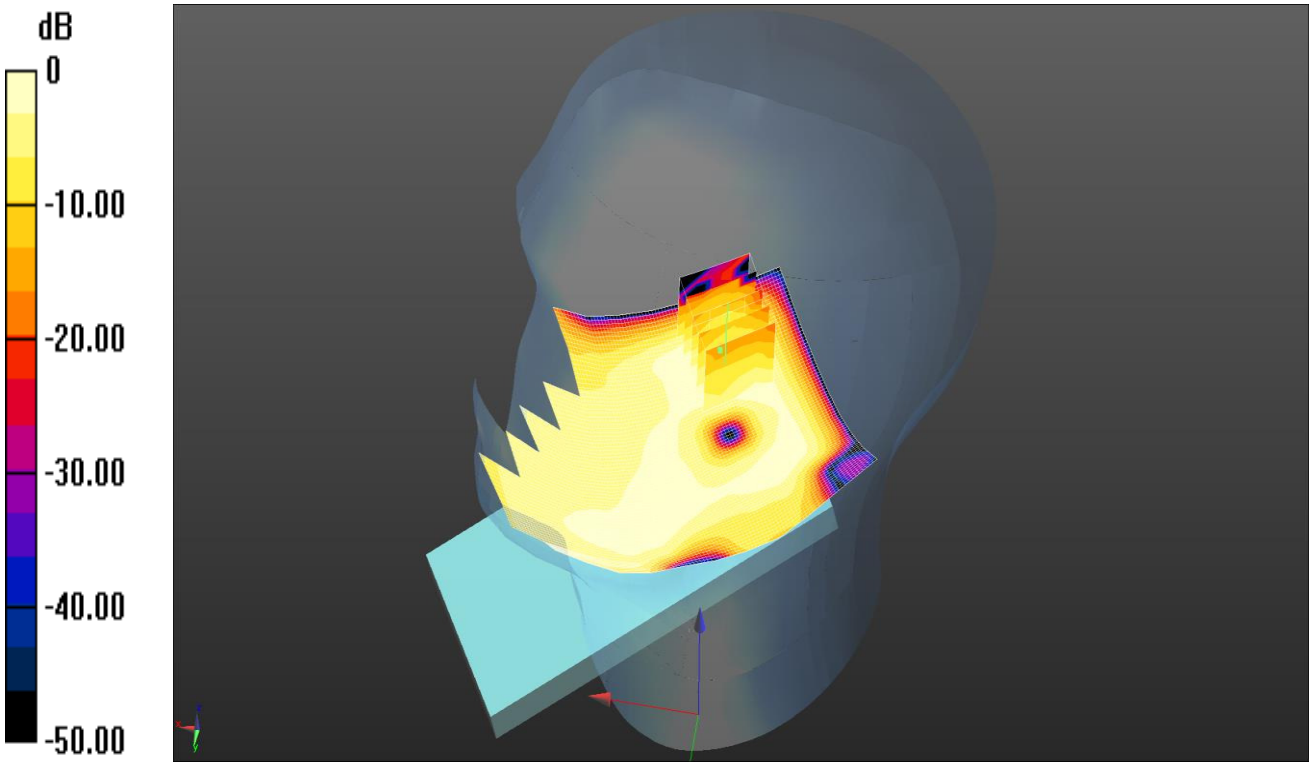
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

- 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

SAR/456: Tilt Right PCS1900 CH810 - Flavor 3

Date: 16/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

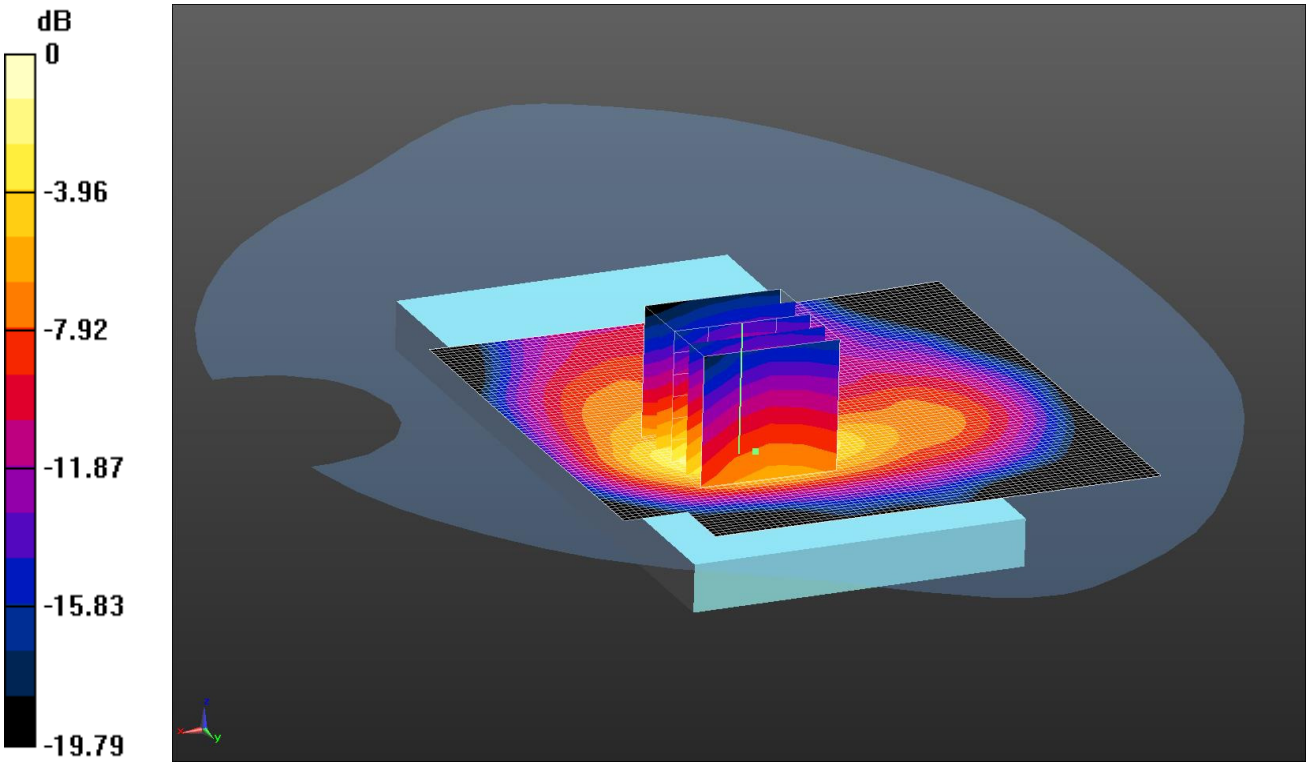



0 dB = 0.0194 W/kg = -17.12 dBW/kg

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; $\varepsilon_r$ = 39.816; $\rho$ = 1000 kg/m$^3$
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=8mm, dy=8mm, dz=5mm
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

SAR/457: Back of EUT PCS1900 CH810 - Flavor 3

Date: 19/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

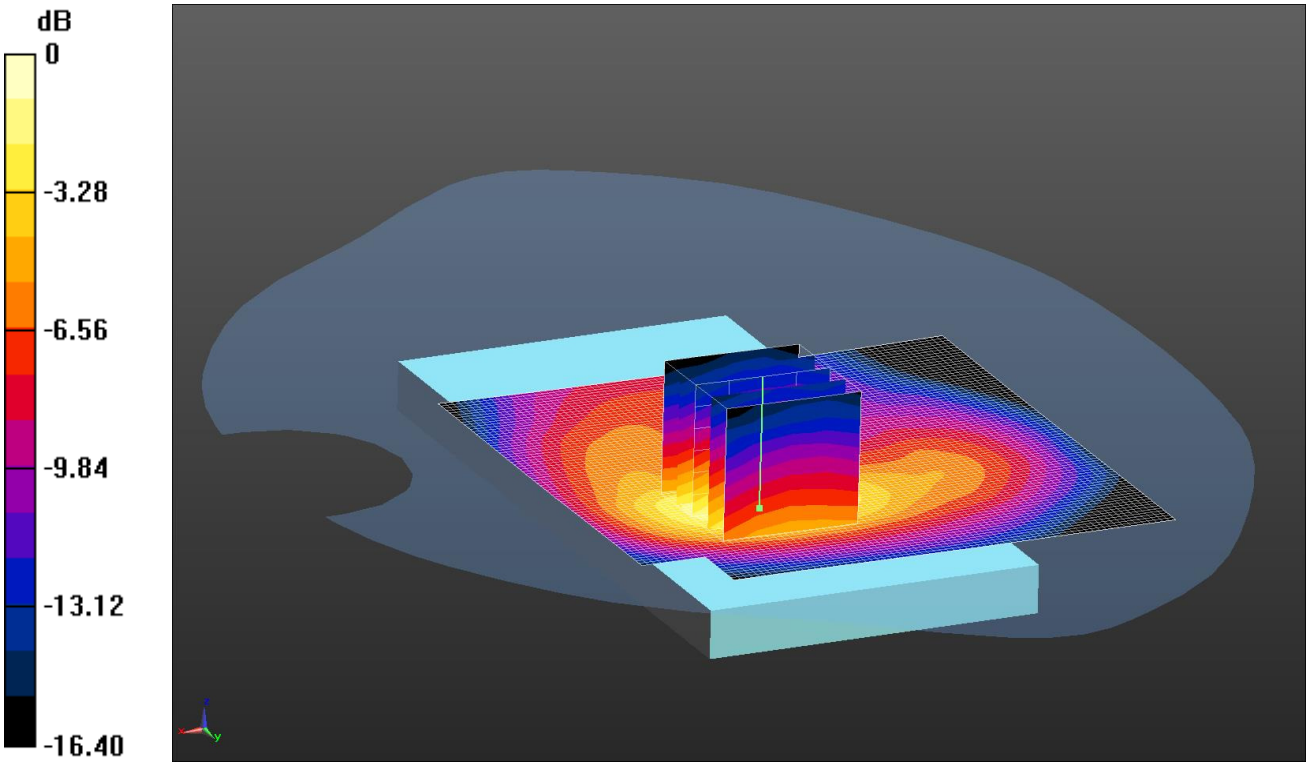



0 dB = 0.506 W/kg = -2.96 dBW/kg

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; $\varepsilon_r$ = 50.954; $\rho$ = 1000 kg/m$^3$
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

SAR/458: Back of EUT PCS1900 Bodyworn CH810 - Flavor 3

Date: 20/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

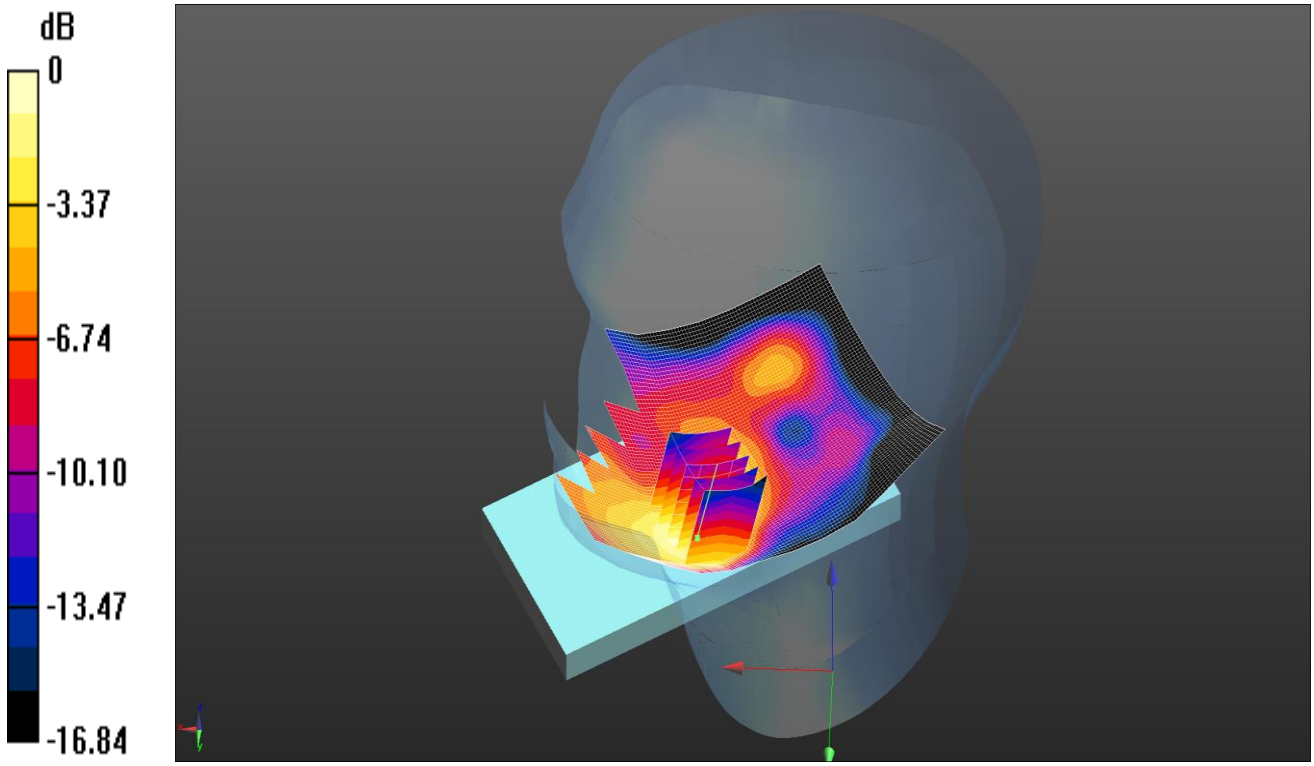



0 dB = 0.190 W/kg = -7.21 dBW/kg

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; $\varepsilon_r$ = 50.954; $\rho$ = 1000 kg/m$^3$
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=8mm, dy=8mm, dz=5mm
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

SAR/459: Touch Right UMTS FDD 2 CH9262 - Flavor 3

Date: 16/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

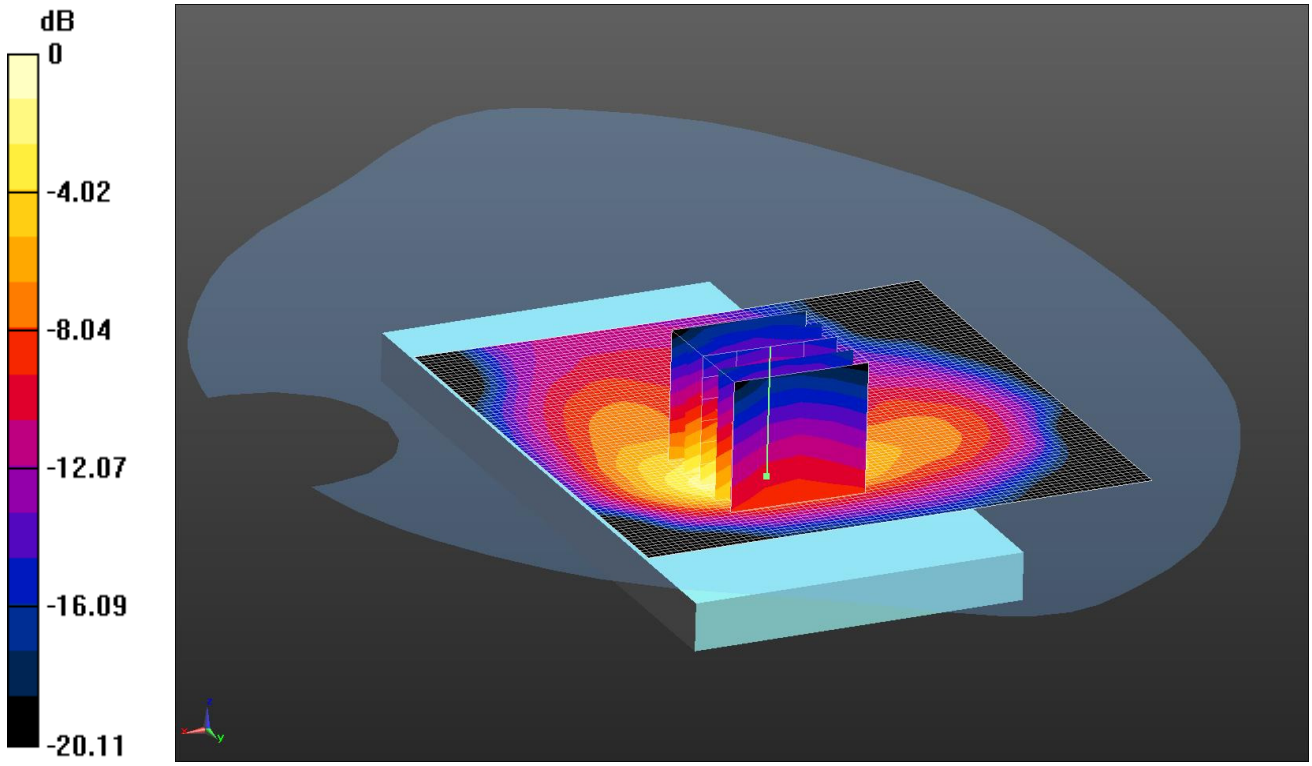



0 dB = 0.129 W/kg = -8.89 dBW/kg

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; $\varepsilon_r$ = 40.012; $\rho$ = 1000 kg/m$^3$
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=8mm, dy=8mm, dz=5mm
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

SAR/460: Back of EUT UMTS FDD 2 CH9538 - Flavor3

Date: 17/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6**

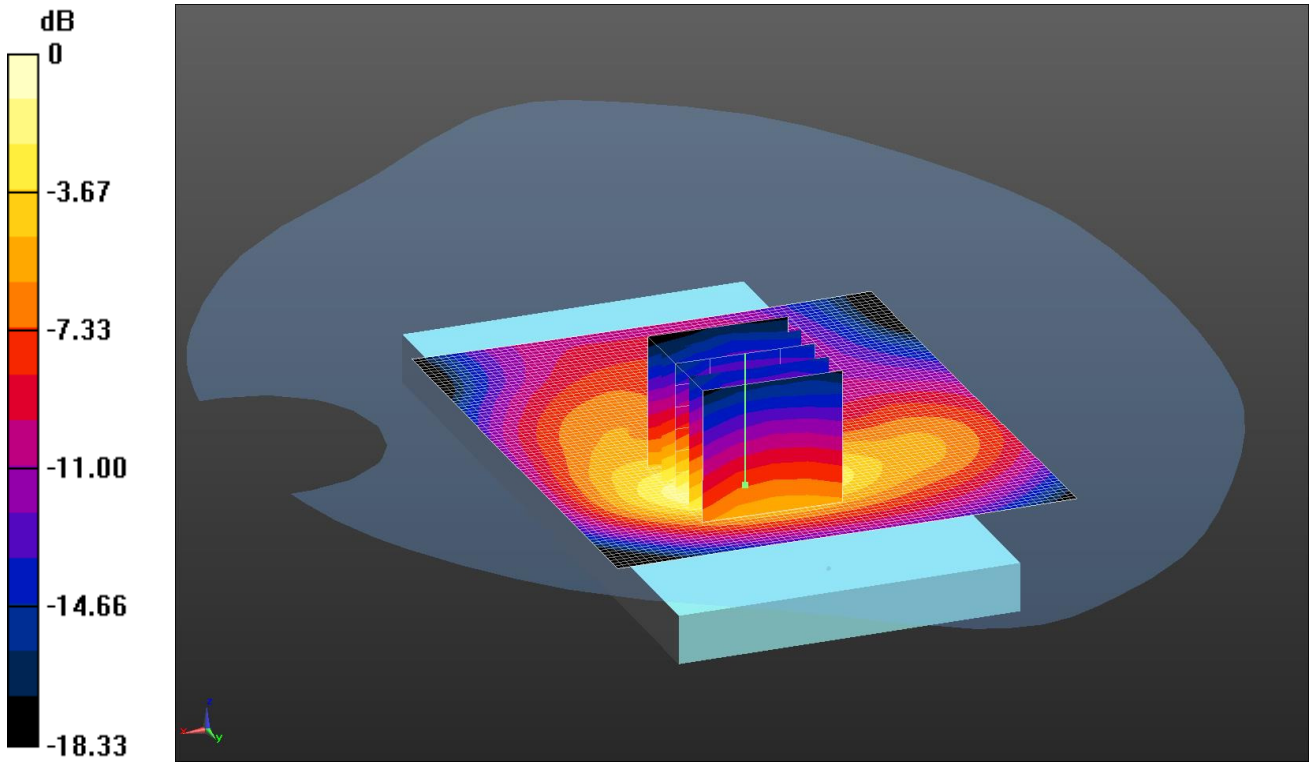



0 dB = 0.438 W/kg = -3.59 dBW/kg

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; $\varepsilon_r$ = 51.646; $\rho$ = 1000 kg/m$^3$
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

SAR/461: Back of EUT UMTS FDD 2 CH9538 - Flavor3

Date: 17/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

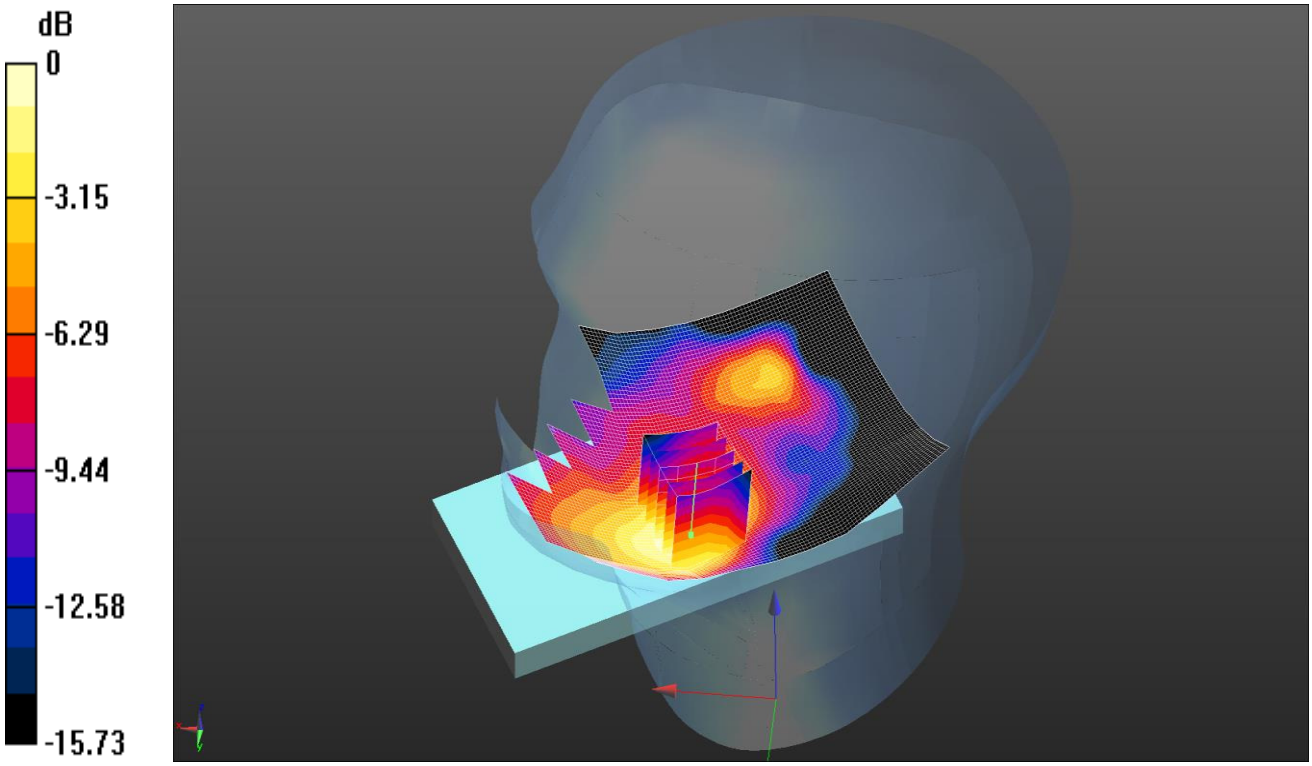



0 dB = 0.333 W/kg = -4.78 dBW/kg

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; $\varepsilon_r$ = 51.646; $\rho$ = 1000 kg/m$^3$
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

SAR/462: Touch Right UMTS FDD 4 CH1513 - Flavor3

Date: 26/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7**

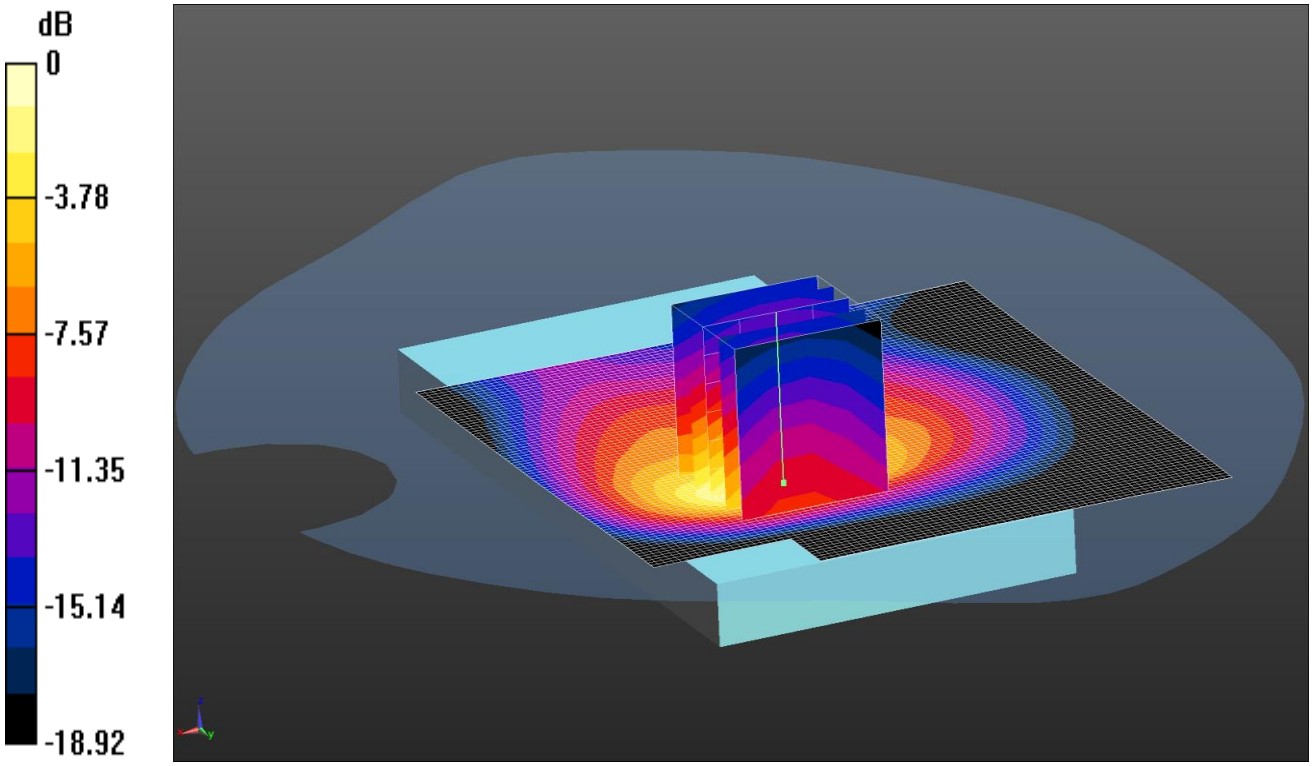



0 dB = 0.0994 W/kg = -10.03 dBW/kg

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; $\varepsilon_r$ = 40.845; $\rho$ = 1000 kg/m$^3$
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

SAR/463: Back of EUT Hotspot UMTS FDD 4 CH1513 - Flavor3

Date: 27/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

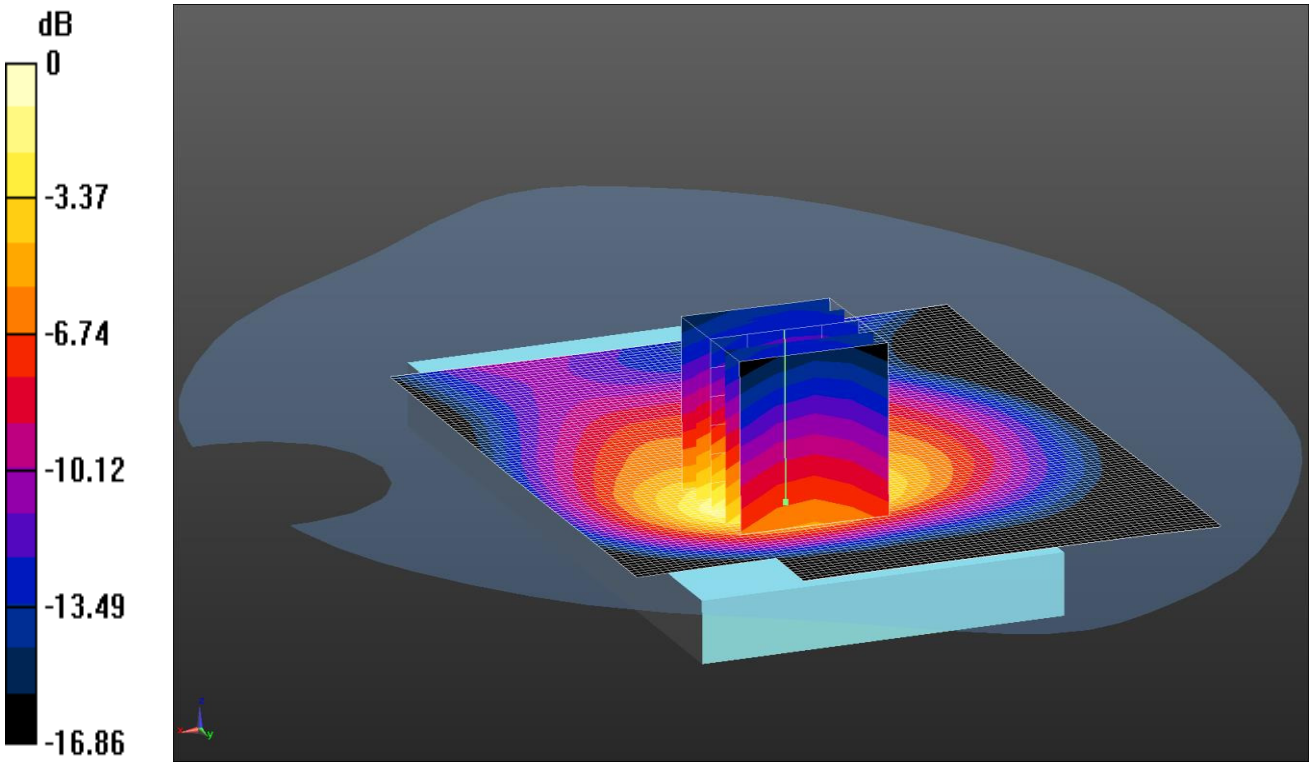



0 dB = 0.509 W/kg = -2.93 dBW/kg

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; $\varepsilon_r$ = 52.788; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
**Configuration/Back - 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

SAR/464: Back of EUT Body-worn UMTS FDD 4 CH1513 - Flavor3

Date: 28/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



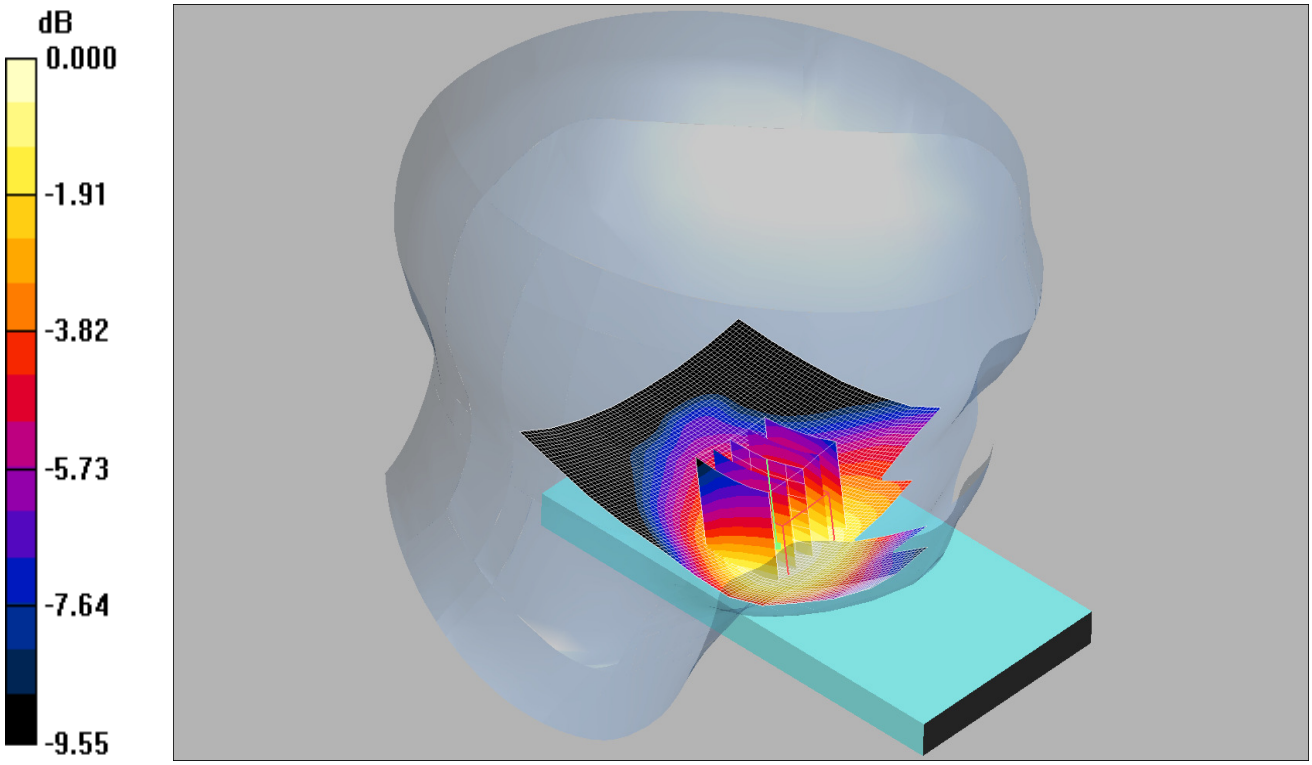

0 dB = 0.260 W/kg = -5.85 dBW/kg

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; $\varepsilon_r$ = 52.788; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
**Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (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

SAR/465: Touch Left UMTS FDD 5 CH4233 - Flavor 3

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; $\varepsilon_r$ = 40.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

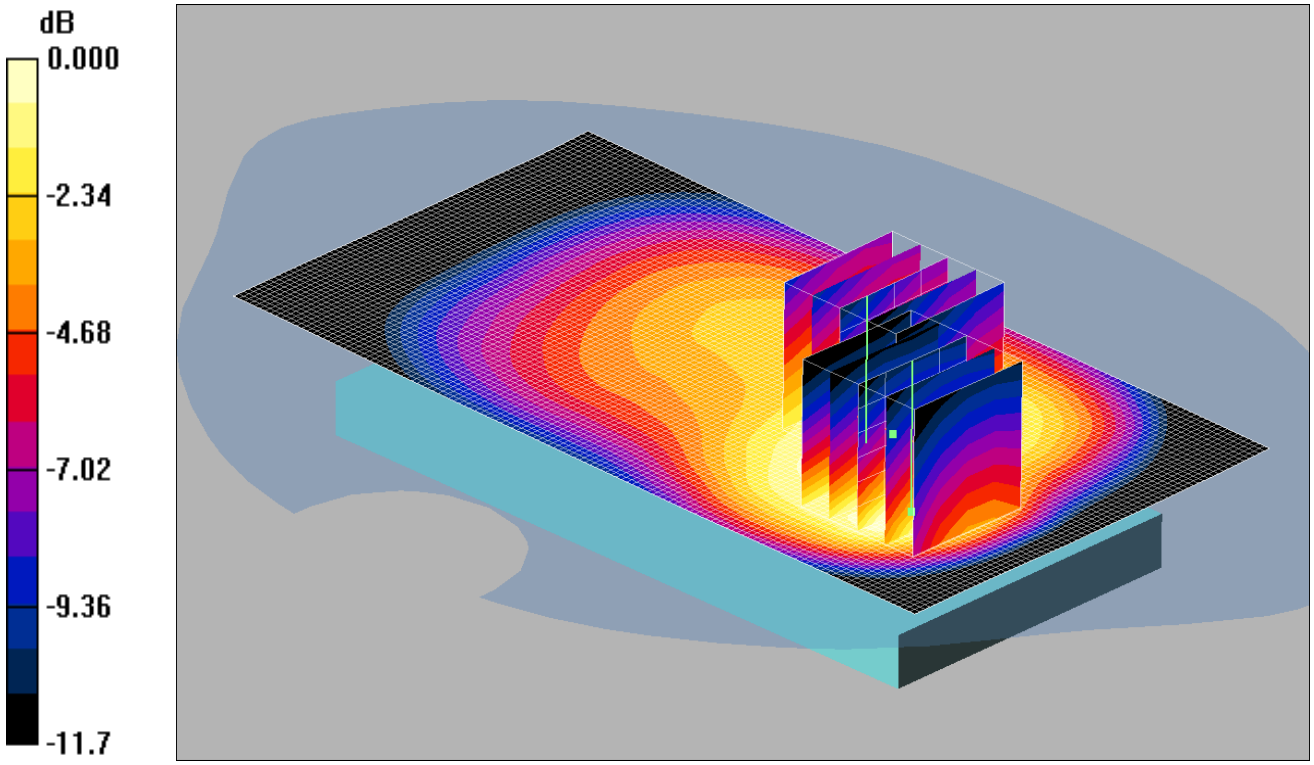
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/466: Back of EUT Hotspot UMTS FDD 5 CH4233 - Flavor 3

Date: 22/04/2016

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




0 dB = 0.599mW/g

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; $\varepsilon_r$ = 54.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

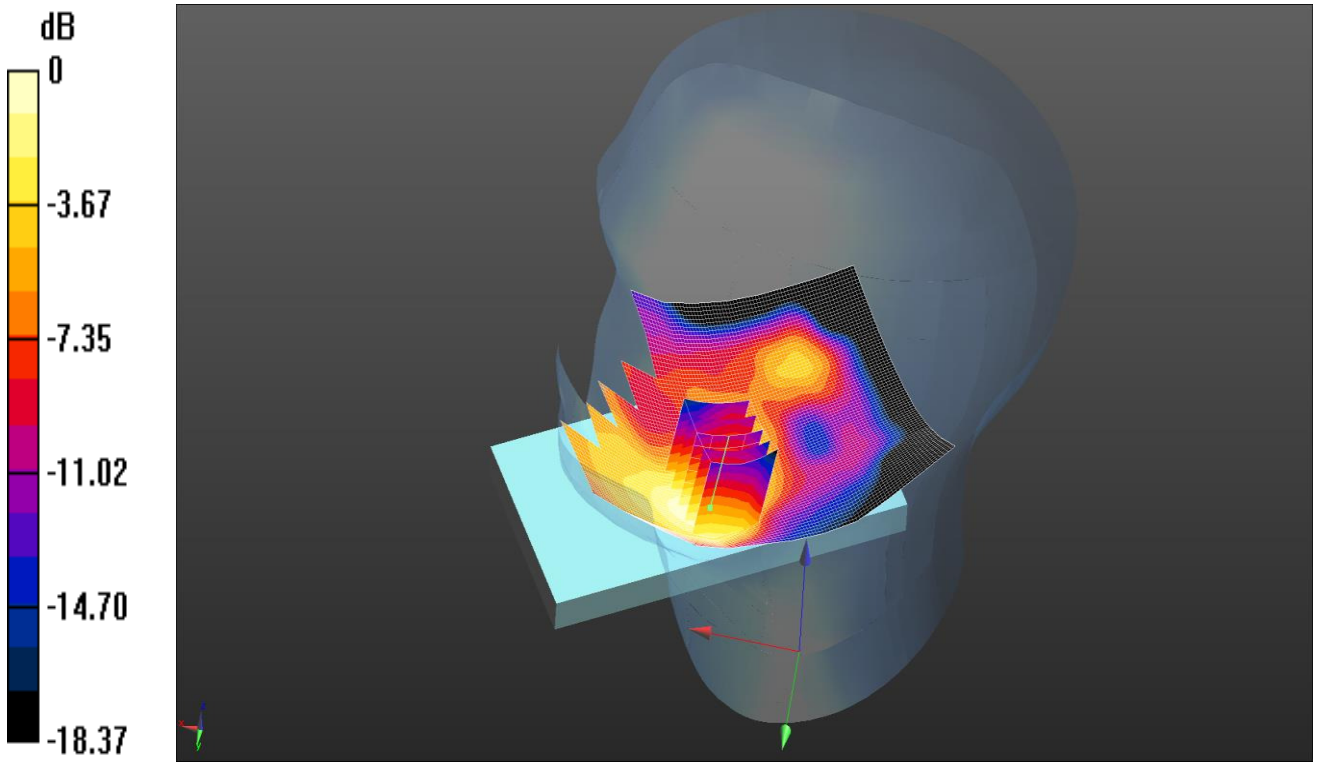
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/05/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**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.

SAR/467: Touch Right LTE Band 2 FDD 20 MHz 50% RB Low CH19100 - Flavor 3

Date: 18/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



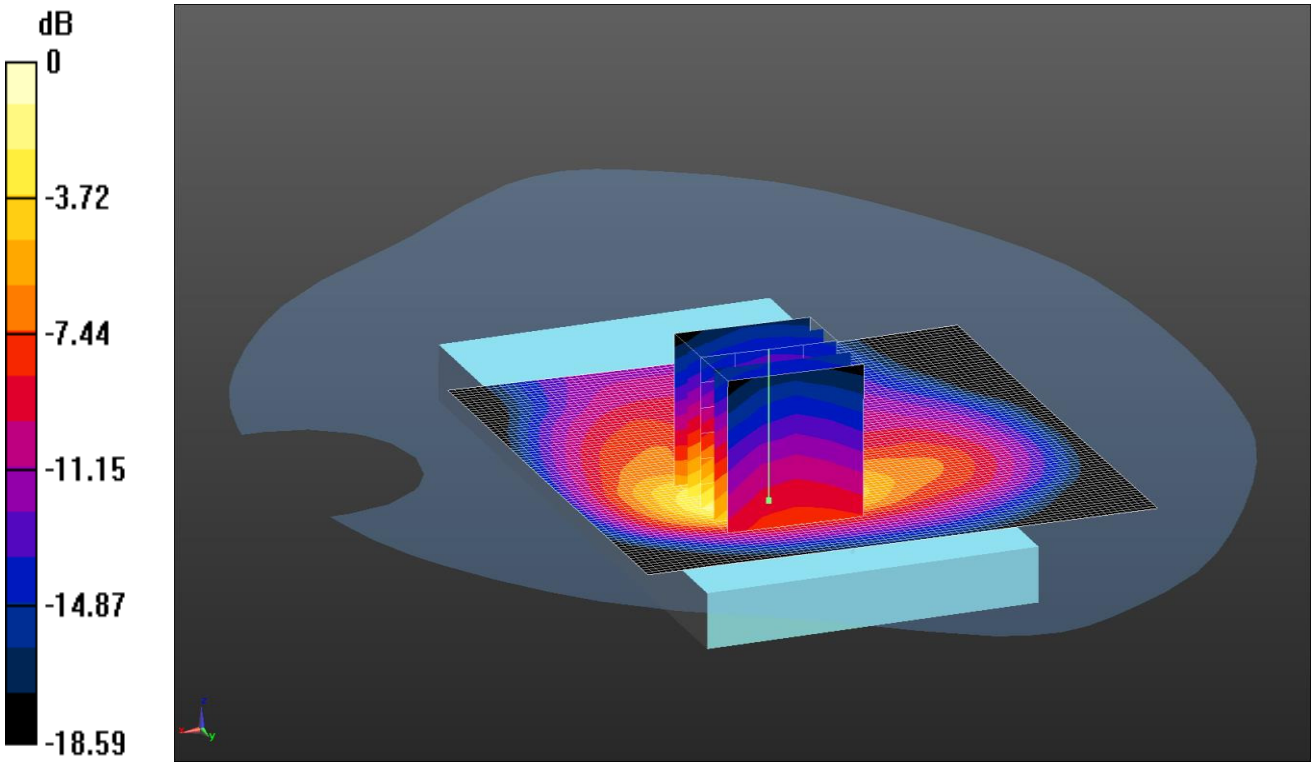

0 dB = 0.103 W/kg = -9.87 dBW/kg

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; $\varepsilon_r$ = 38.978; $\rho$ = 1000 kg/m$^3$
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

SAR/468: Back of EUT Hotspot LTE Band 2 FDD 20 MHz 1RB Low CH19100 - Flavor 3

Date: 5/5/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.533 W/kg = -2.73 dBW/kg

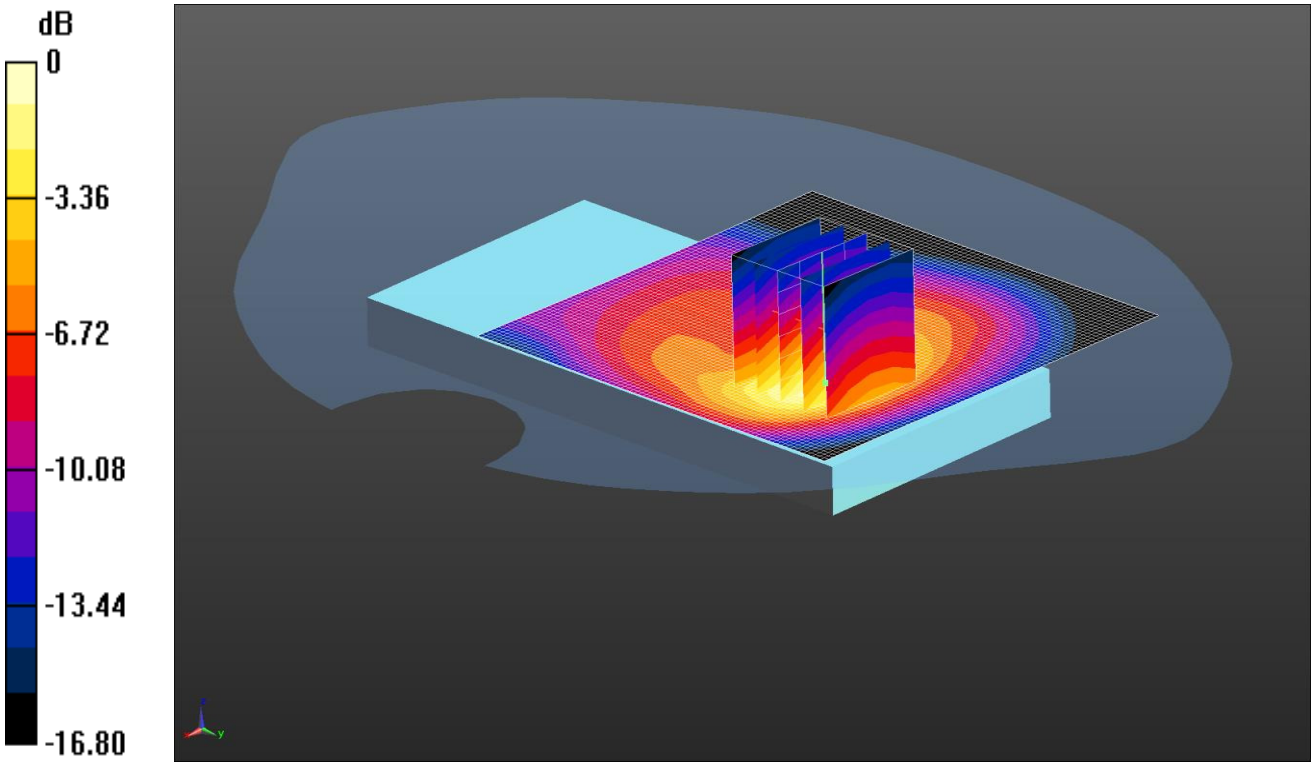
Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MSL Medium parameters used: f = 1900 MHz; $\sigma$ = 1.592 S/m; $\varepsilon_r$ = 51.333; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back 1RB Low - Hotspot - PB1/Area Scan (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

SAR/469: Back of EUT Body-worn LTE Band 2 20 MHz 1RB Low CH18700 - Flavor3

Date: 6/5/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



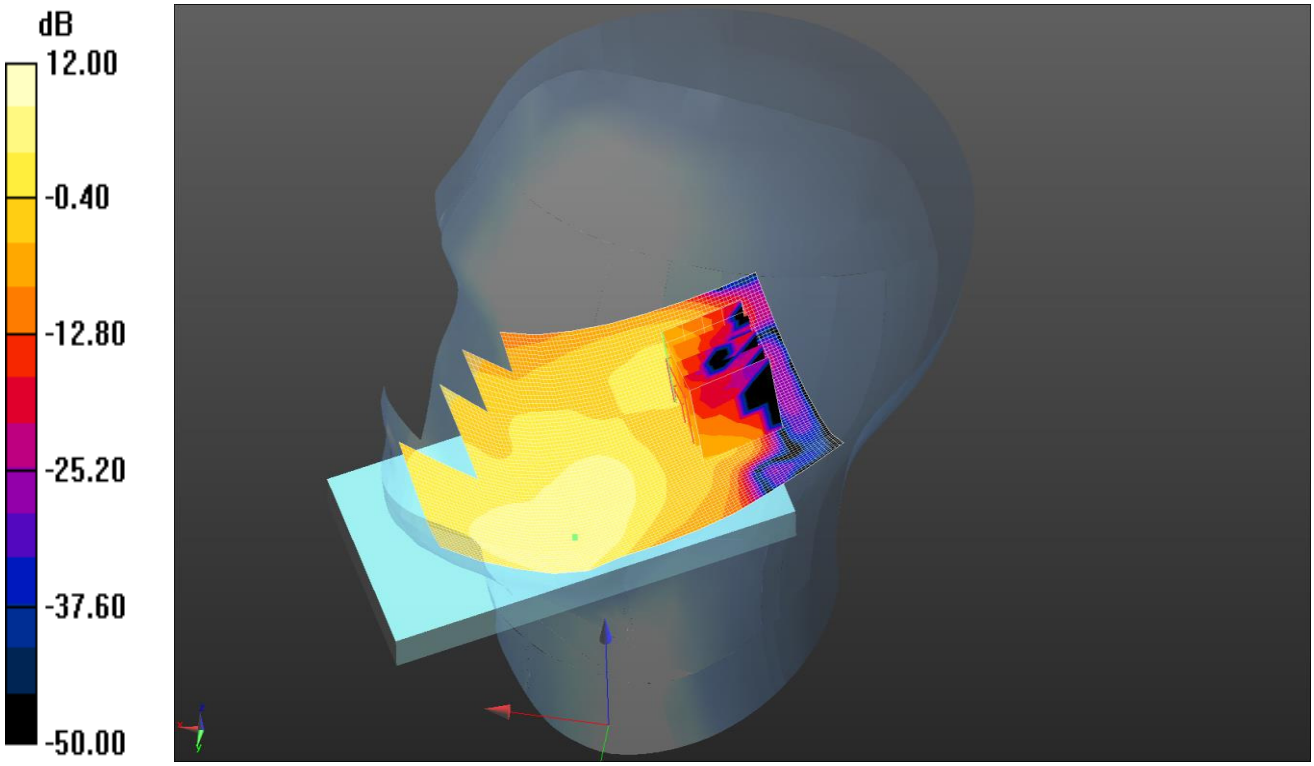

0 dB = 0.412 W/kg = -3.85 dBW/kg

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; $\varepsilon_r$ = 51.366; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.78, 4.78, 4.78); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM A (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)

**Configuration/Back 1RB Low - 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

SAR/470: Touch Right LTE FDD 4 20MHz 1RB Low CH20300 - Flavor 3

Date: 25/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7**

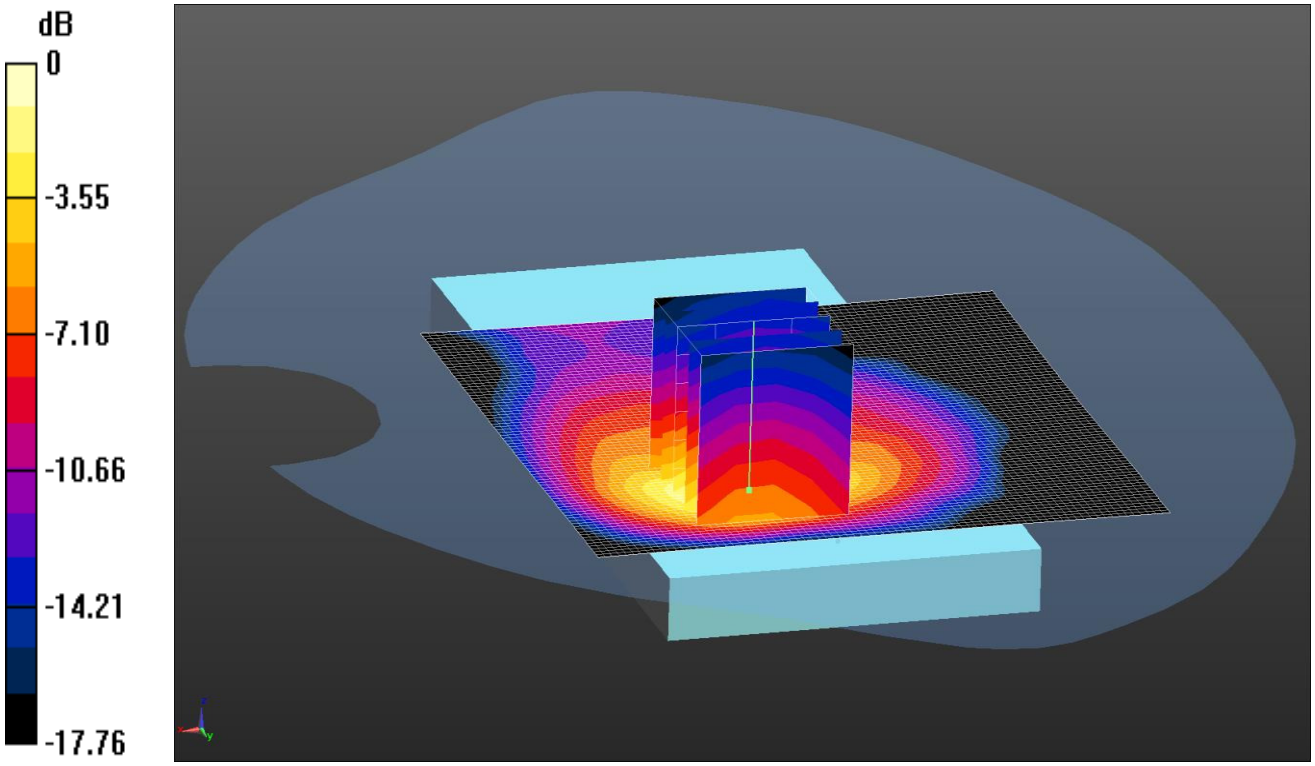



0 dB = 0.0163 W/kg = -17.88 dBW/kg

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; $\varepsilon_r$ = 40.872; $\rho$ = 1000 kg/m$^3$
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

SAR/471: Back of EUT Hotspot LTE FDD 4 16QAM 20MHz 50%RB Low CH20175 - Flavor3

Date: 4/5/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

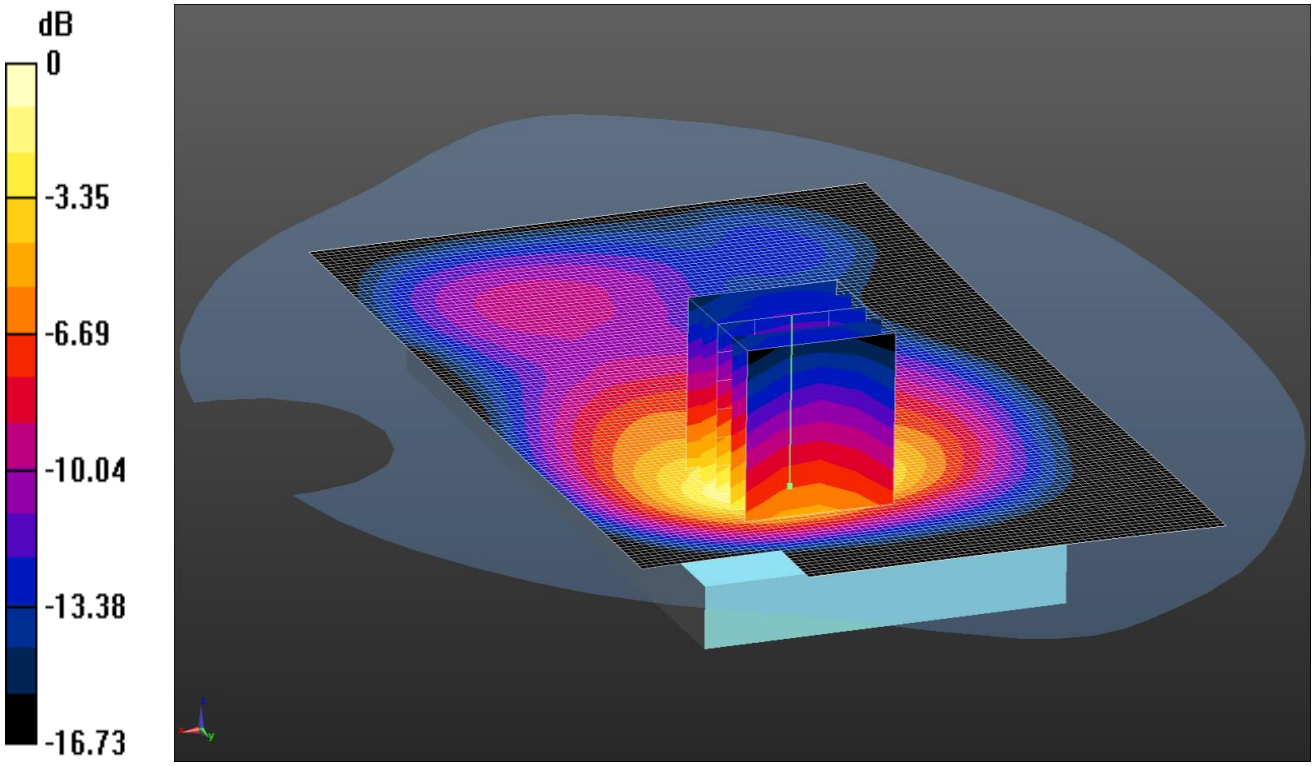



0 dB = 0.244 W/kg = -6.13 dBW/kg

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; $\varepsilon_r$ = 53.102; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331)
**Configuration/Back 50%RB Low - Hotspot - PB1 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

SAR/472: Back of EUT Body-worn LTE FDD 4 20MHz 1RB Low CH20300 - Flavor3

Date: 28/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

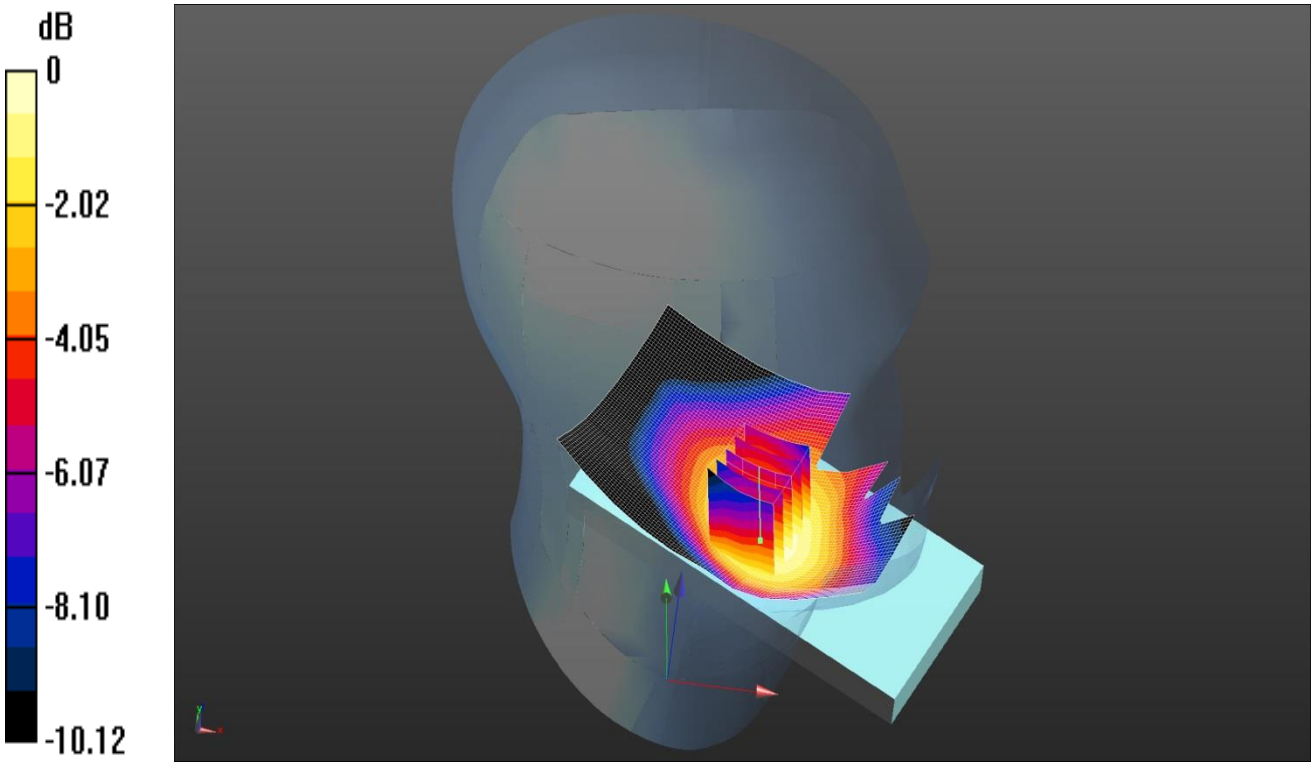



0 dB = 0.243 W/kg = -6.14 dBW/kg

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; $\varepsilon_r$ = 52.804; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.93, 4.93, 4.93); Calibrated: 25/8/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 12/2/2016
- Phantom: SAM B (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1836
- ; SEMCAD X Version 14.6.10 (7331) **Configuration/Back - Bodyworn - PB0/Area Scan 2 2 (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 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

SAR/473: Touch Left LTE FDD 5 10MHz 1RB Mid CH20600 - Flavor 3

Date: 21/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



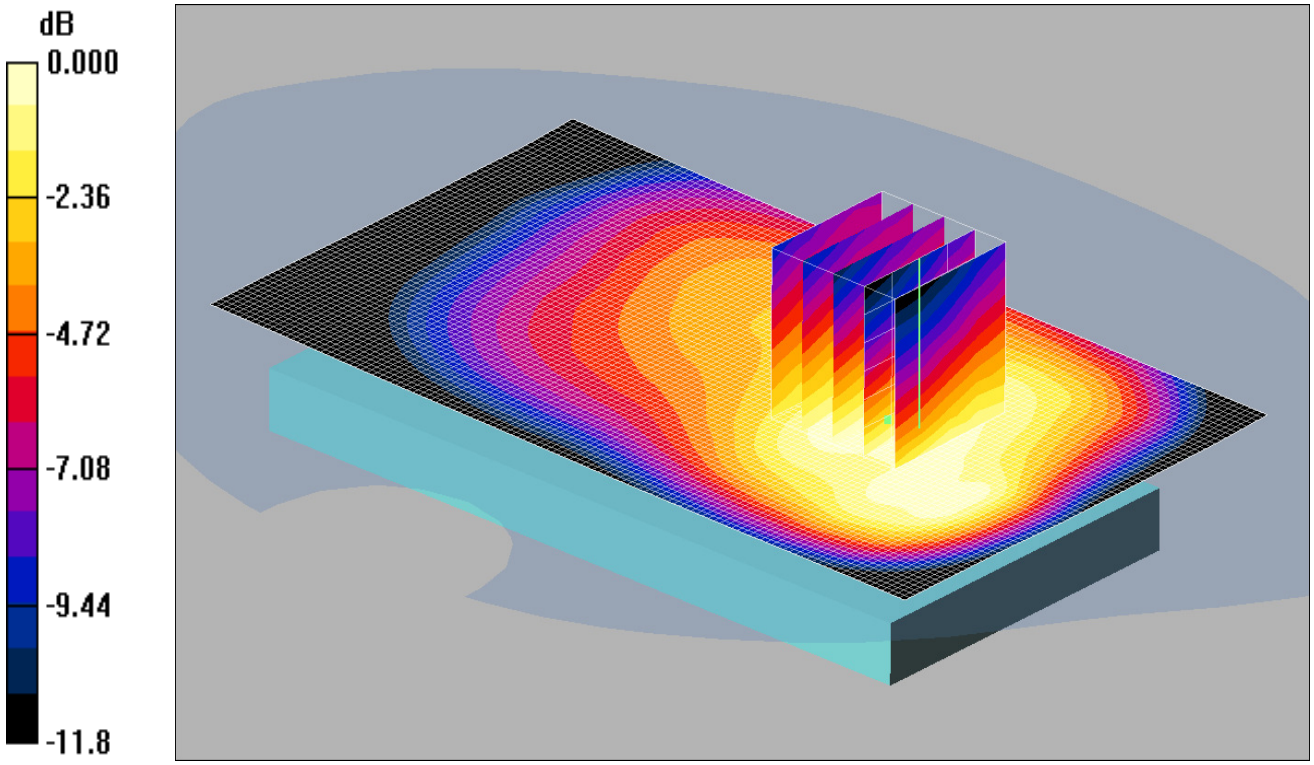

0 dB = 0.121 W/kg = -9.17 dBW/kg

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; $\varepsilon_r$ = 40.494; $\rho$ = 1000 kg/m$^3$
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

SAR/474: Back of EUT Hotspot LTE FDD 5 10MHz 1RB Middle CH20600 - Flavor 3

Date: 09/05/2016

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




0 dB = 0.460mW/g

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; $\varepsilon_r$ = 53.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

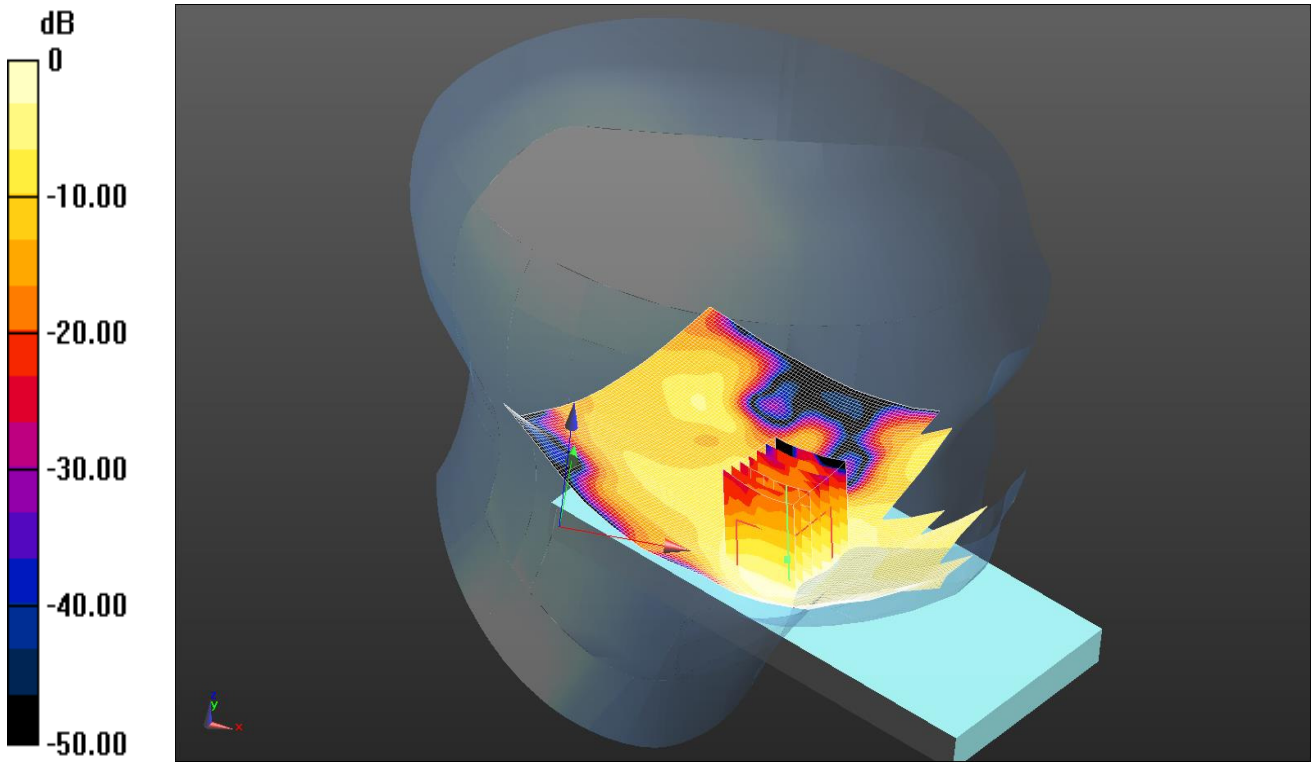
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.05, 6.05, 6.05);

- 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

SAR/475: Touch Left LTE Band 7 20MHz 1RB Low CH21100 Flavor 3

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

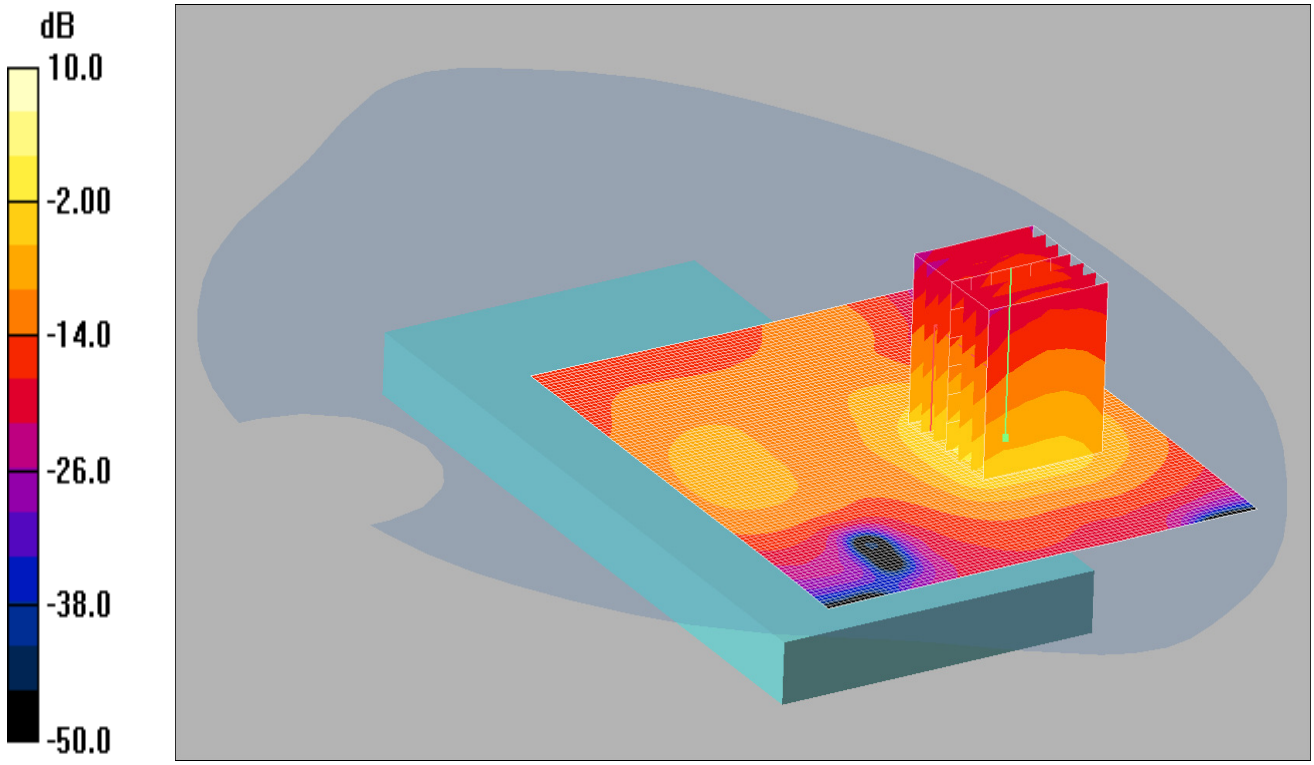
Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 1.914 S/m; $\varepsilon_r$ = 38.417; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

**Configuration/Touch Left 1RB 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=5mm, dy=5mm, dz=5mm
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

SAR/476: Back of EUT Hotspot LTE FDD 7 1RB Middle CH21100 - Flavor 3

Date: 10/05/2016

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




0 dB = 0.338mW/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; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.16, 4.16, 4.16);

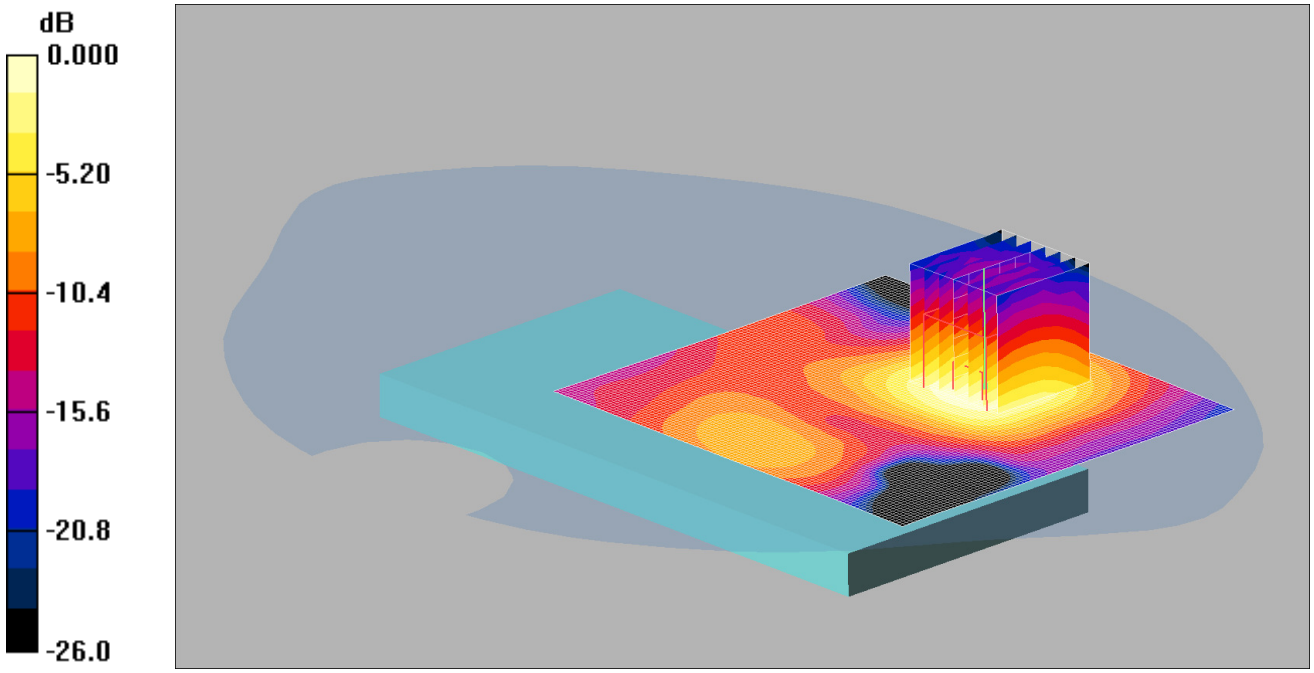
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/477: Back of EUT Body-worn LTE FDD 7 1RB Low CH21100 - Flavor 3

Date: 11/05/2016

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




0 dB = 0.244mW/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; $\varepsilon_r$ = 51.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.16, 4.16, 4.16);

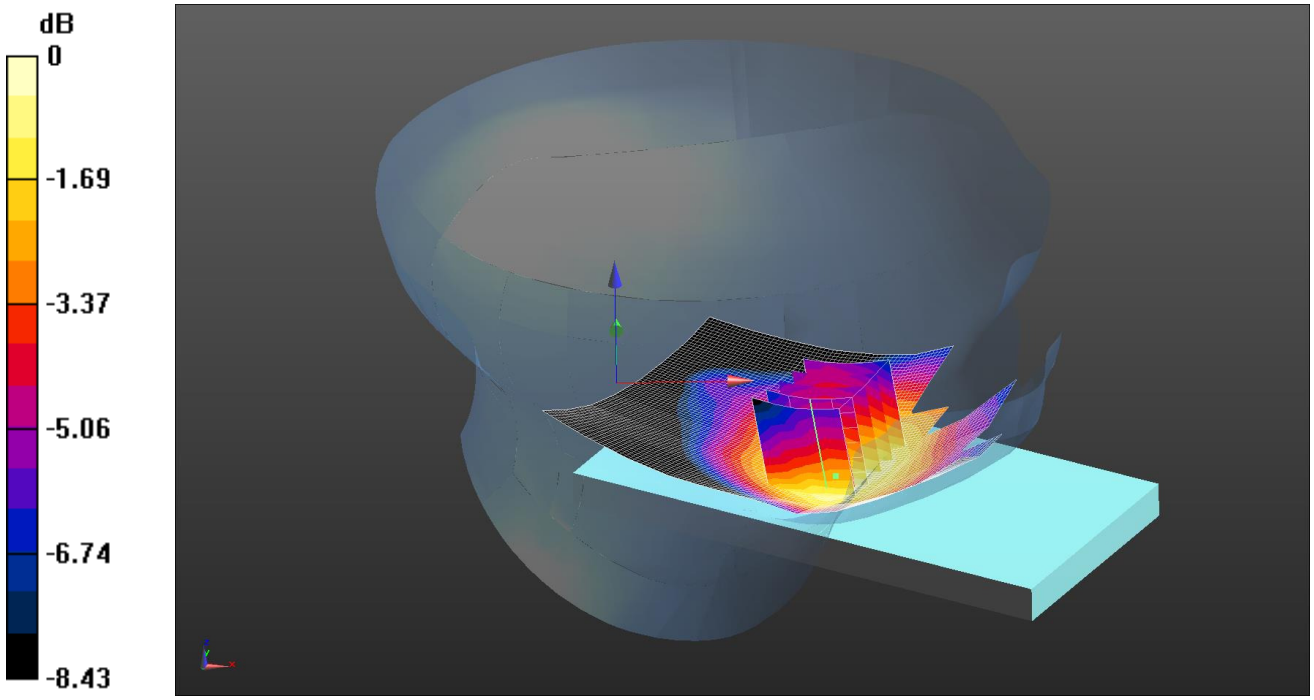
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/478: Touch Left LTE FDD 12 1RB Low CH23060 - Flavor 3

Date: 16/04/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7**




0 dB = 0.0407 W/kg = -13.90 dBW/kg

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; $\varepsilon_r$ = 40.439; $\rho$ = 1000 kg/m$^3$
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)

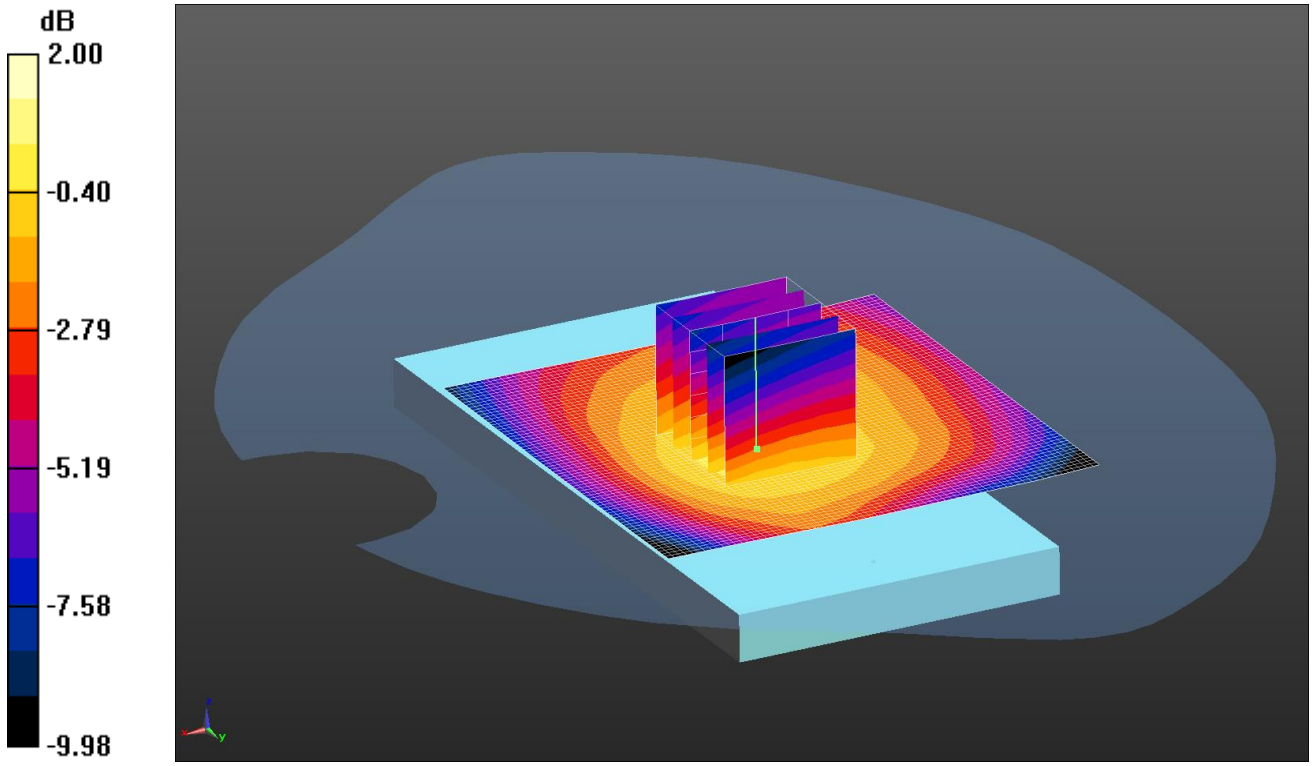
**Configuration/Touch Left - Head - PBx/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0394 W/kg

**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

SAR/479: Back of EUT Hotspot LTE FDD 12 10MHz 1RB Low CH23130 Flavor 3

Date: 11/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.129 W/kg = -8.89 dBW/kg

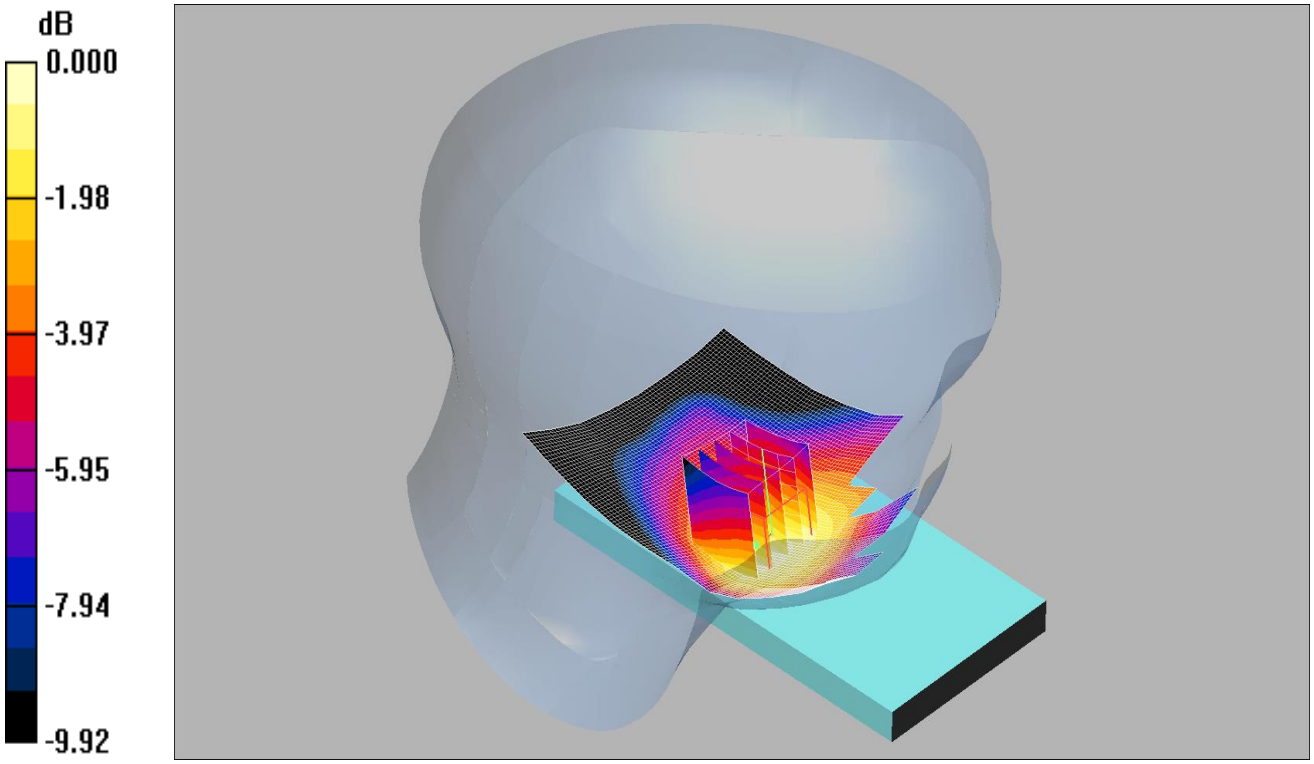
Communication System: UID 0, LTE - Band 12 / 10MHz Channel; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: 900/750 MHz MSL Medium parameters used (interpolated): f = 711 MHz; $\sigma$ = 0.912 S/m; $\varepsilon_r$ = 53.916; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- Probe: 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

SAR/480: Touch Left LTE FDD 13 10MHz 1RB High CH23230 - Flavor 3

Date: 18/04/2016

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




0 dB = 0.063mW/g

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; $\varepsilon_r$ = 39.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

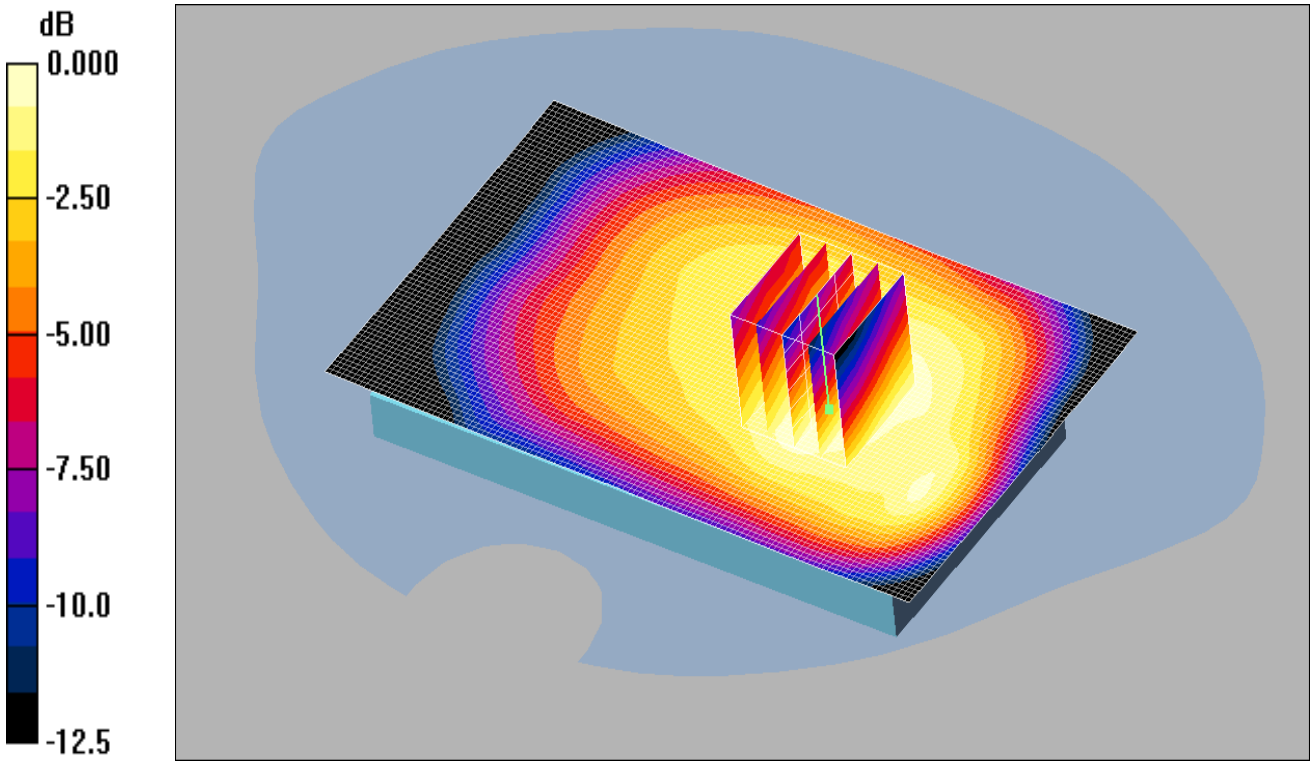
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch Left - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=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

SAR/481: Back of EUT Hotspot LTE 13 10MHz 1RB High CH23230 Flavor 3

Date13/05/2016

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




0 dB = 0.254mW/g

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

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);

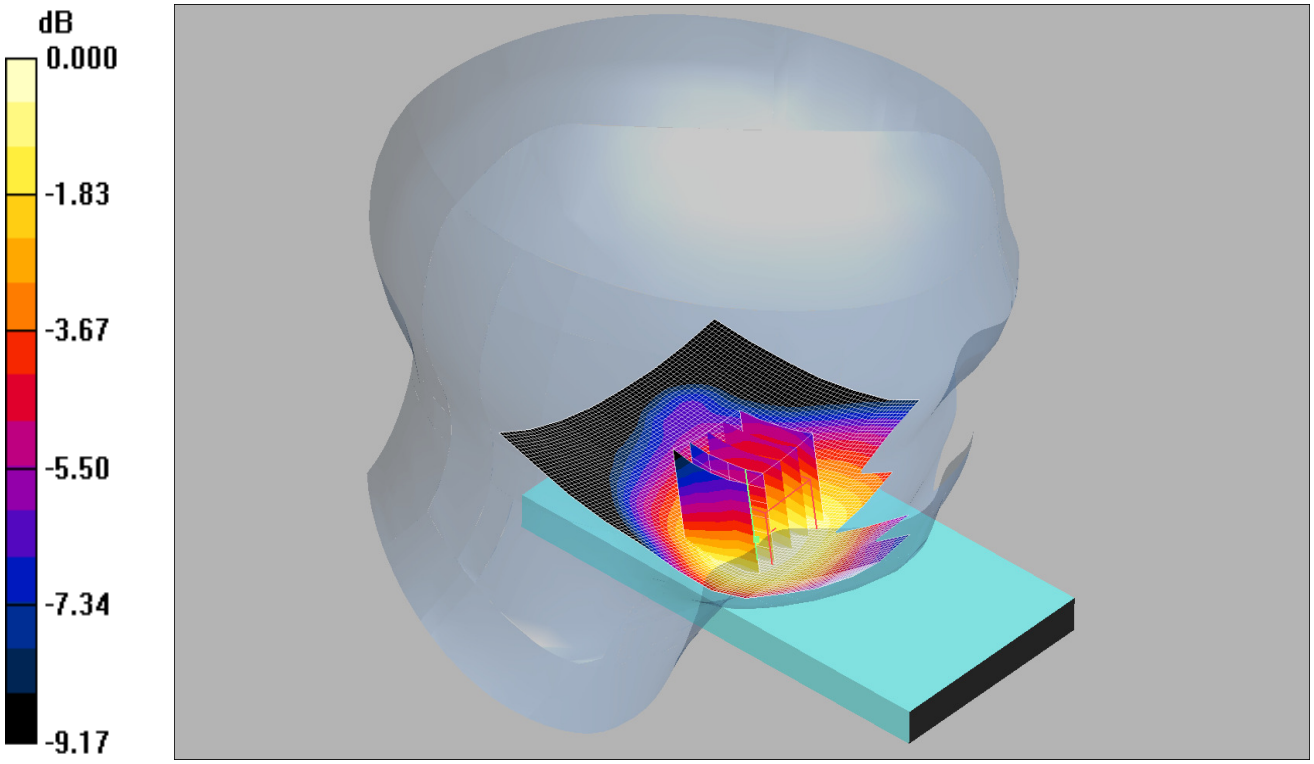
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**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

SAR/482: Touch Left LTE FDD 17 10MHz 1RB High CH23790 - Flavor 3

Date: 19/04/2016

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




0 dB = 0.040mW/g

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

DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.6, 6.6, 6.6);

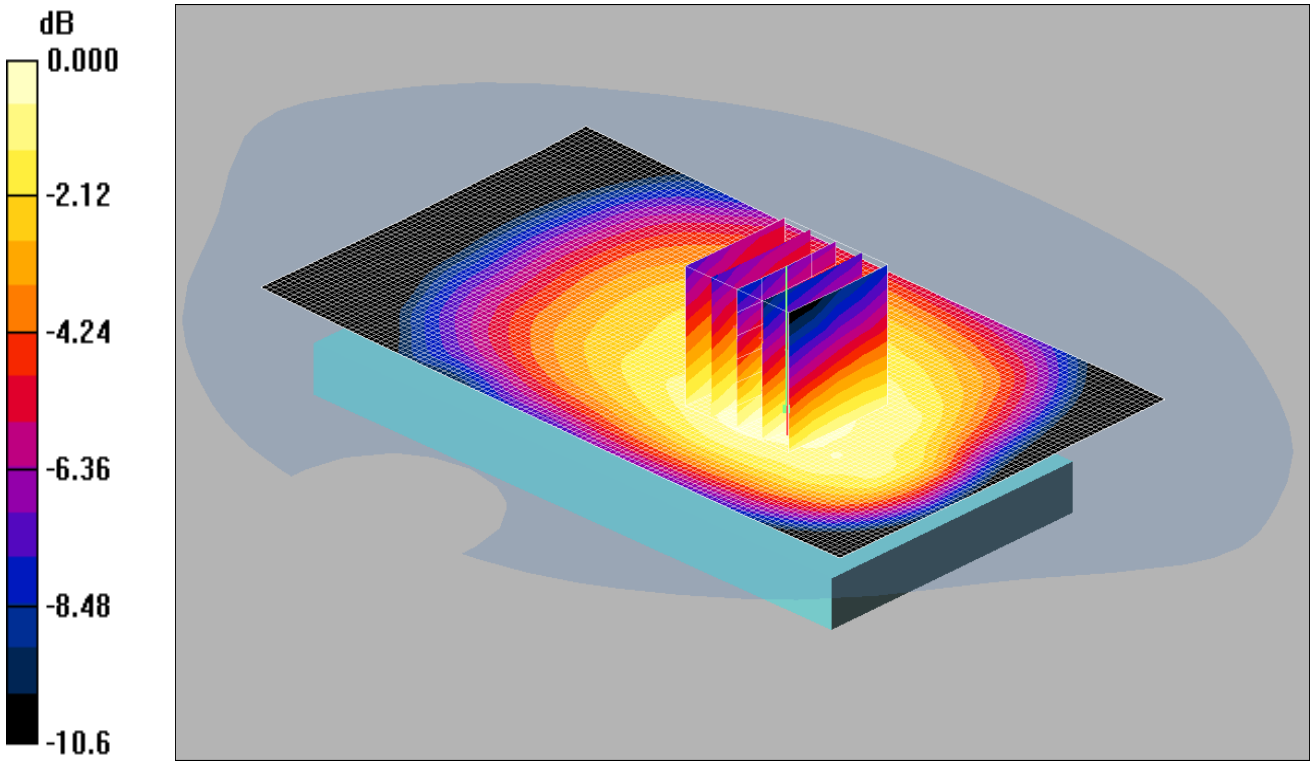
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch Left - Head - PBx/Area Scan (71x121x1):** Measurement grid: dx=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 = 2.33 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

SAR/483: Back of EUT Hotspot LTE 17 10MHz 1RB High CH23780 Flavor 3

Date: 17/05/2016

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




0 dB = 0.183mW/g

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; $\varepsilon_r$ = 54.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(6.11, 6.11, 6.11);

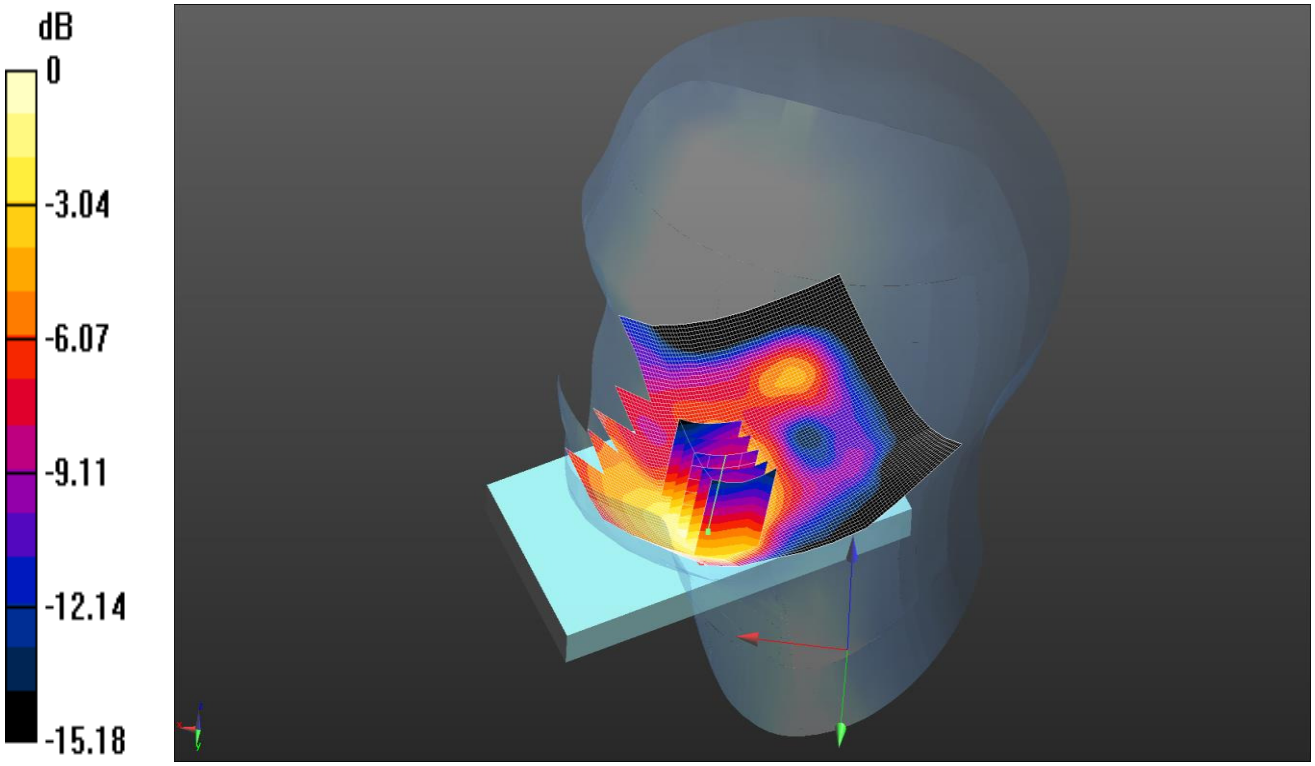
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**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

SAR/484: Touch Right LTE Band 25 20MHz 1 RB Low CH26140 - Flavor 3

Date: 19/4/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**

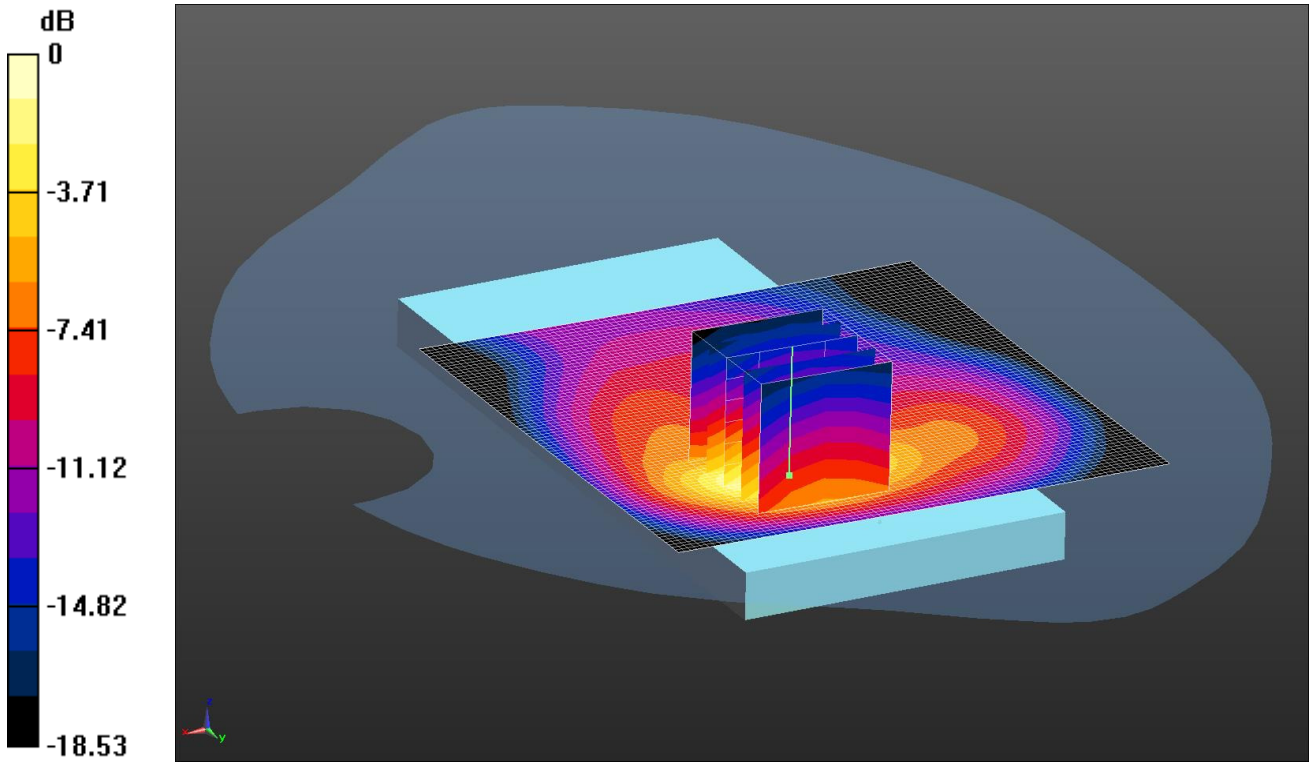



0 dB = 0.164 W/kg = -7.85 dBW/kg

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; $\varepsilon_r$ = 39.173; $\rho$ = 1000 kg/m$^3$
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

SAR/485: Back of EUT LTE Band 25 20 MHz 1RB Low CH26590 - Flavor 3

Date: 09/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6**



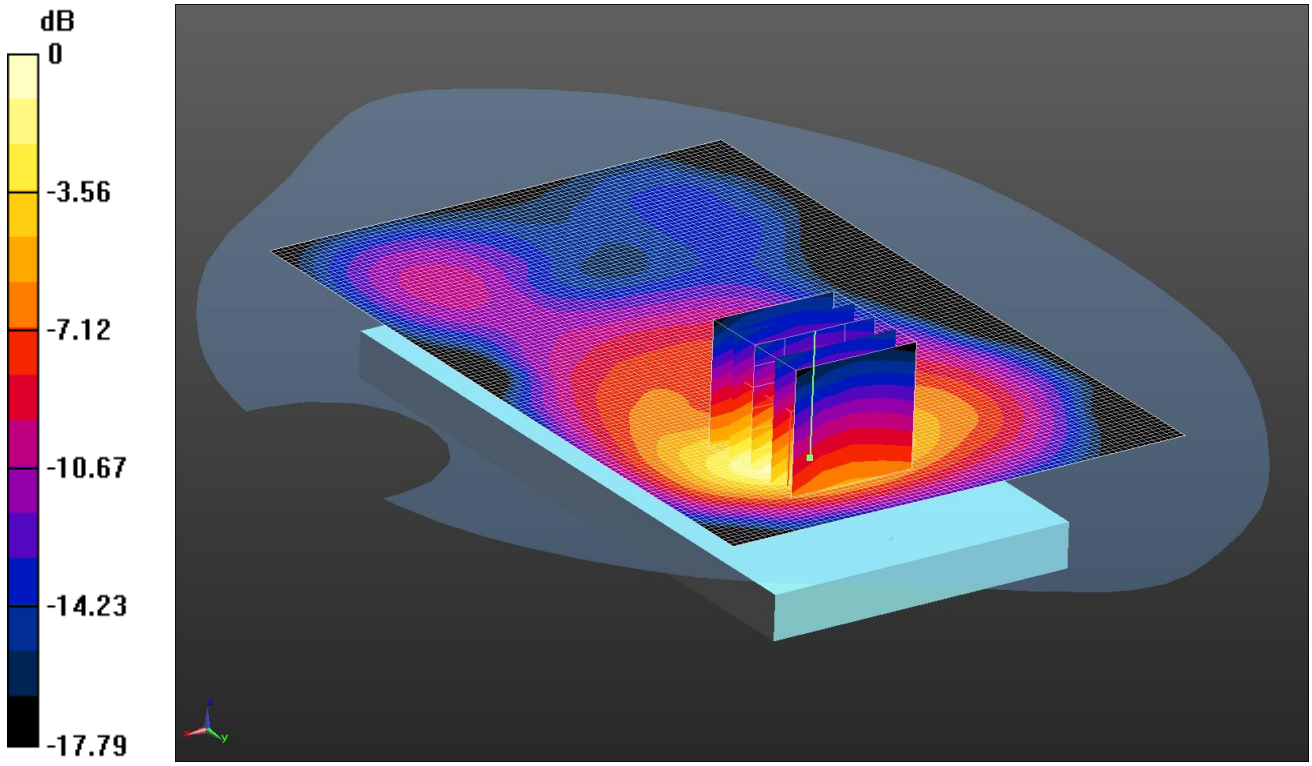

0 dB = 0.481 W/kg = -3.18 dBW/kg

Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1905 MHz; $\sigma$ = 1.507 S/m; $\varepsilon_r$ = 51.761; $\rho$ = 1000 kg/m$^3$
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

SAR/486: Back of EUT LTE Band 25 20 MHz 1RB Low CH26140 - Flavor3

Date: 16/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 7**




0 dB = 0.355 W/kg = -4.50 dBW/kg

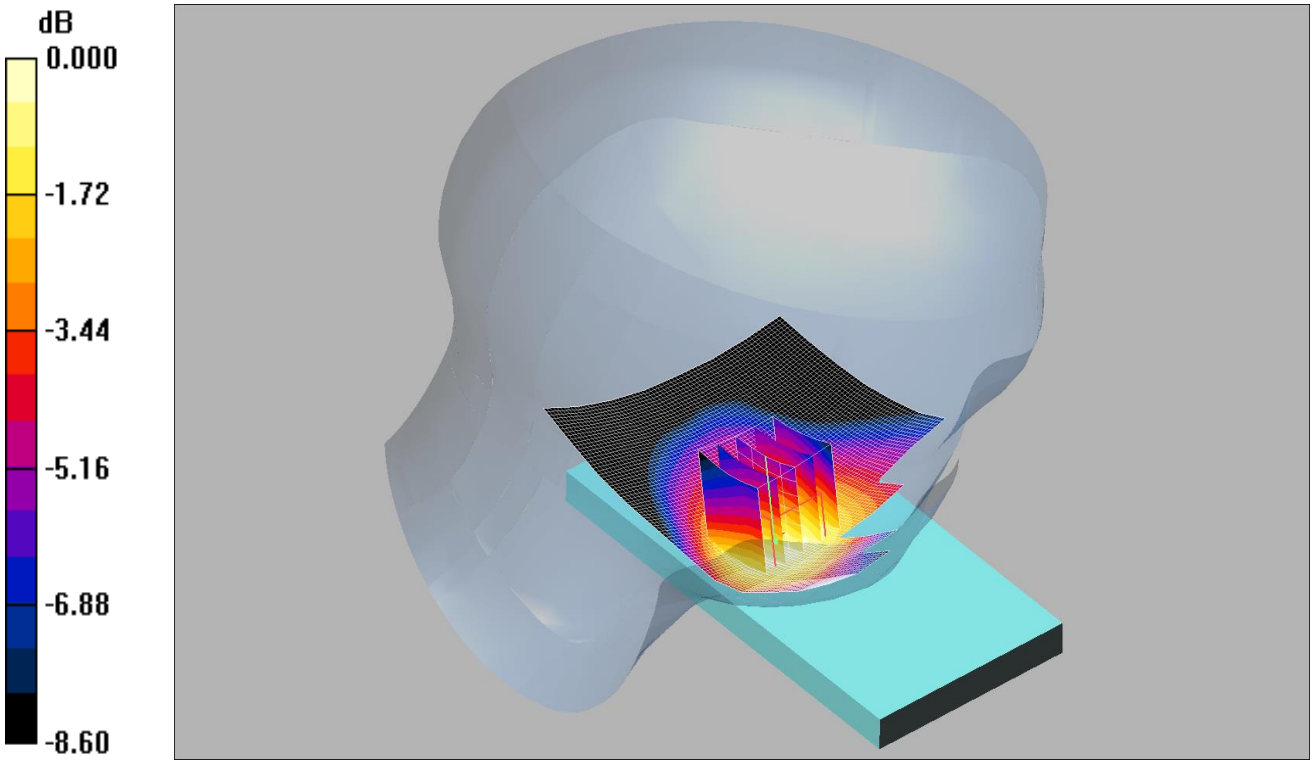
Communication System: UID 0, LTE FDD Bands - 20MHz Channel BW (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1860 MHz; $\sigma$ = 1.495 S/m; $\varepsilon_r$ = 51.771; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
DASY4 Configuration:
- 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=8mm, dy=8mm, dz=5mm
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

SAR/487: Touch Left LTE FDD 26 15MHz 1RB Low CH26865 - Flavor 3

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; $\varepsilon_r$ = 40.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1586; ConvF(6.31, 6.31, 6.31);

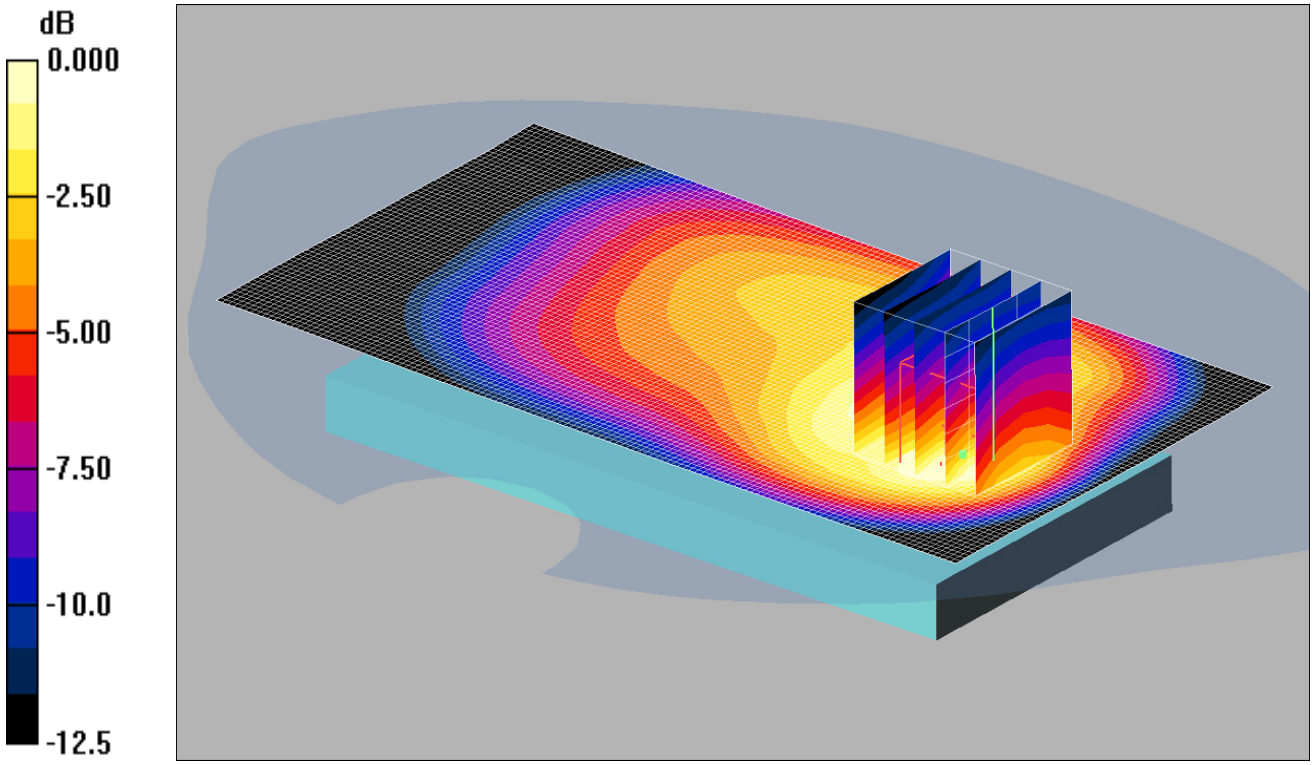
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn450; Calibrated: 28/09/2015
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/488: Back of EUT Hotspot LTE FDD 26 15MHz 1RB Low CH26965 - Flavor 3

Date: 28/04/2016

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




0 dB = 0.479mW/g

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; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

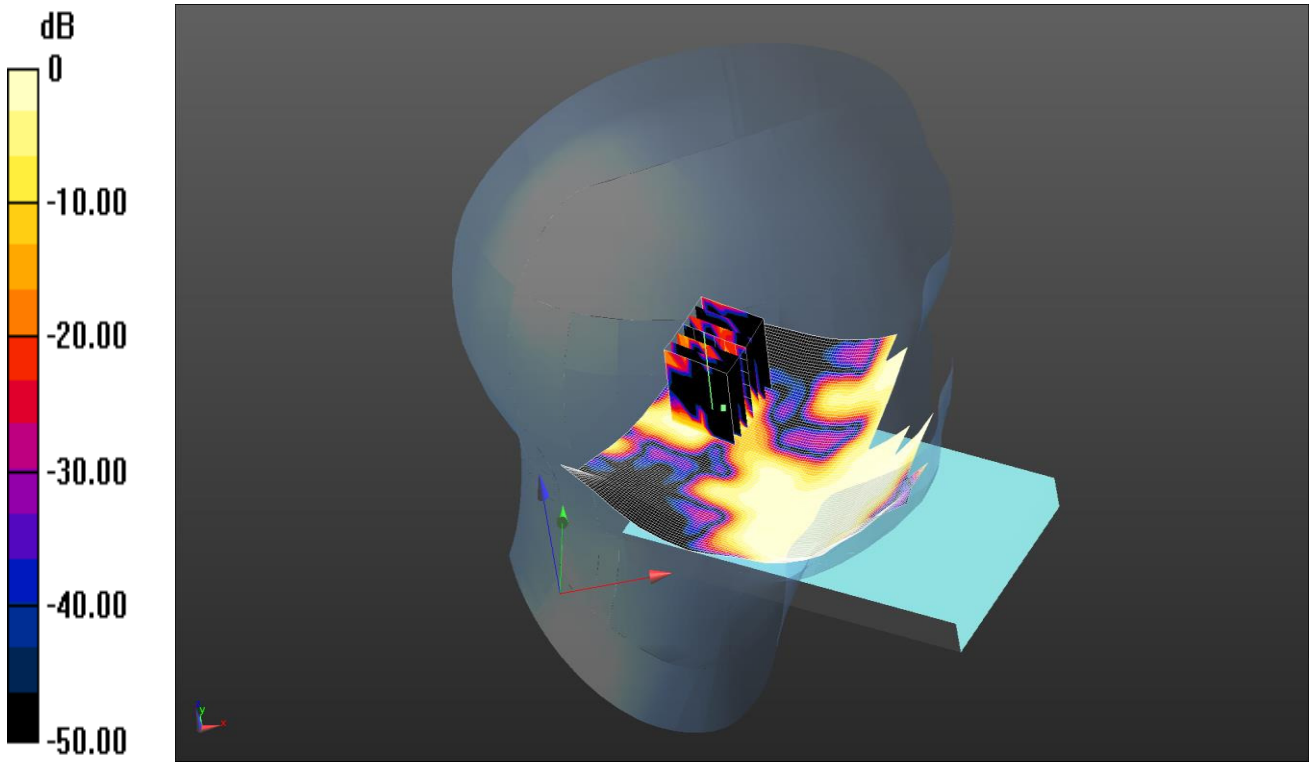
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.98, 5.98, 5.98);

- 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

SAR/489: Touch Left LTE Band 30 10MHz 50%RB Low CH27710 Flavor 3

Date: 06/05/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.0241 W/kg = -16.18 dBW/kg

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; $\varepsilon_r$ = 38.143; $\rho$ = 1000 kg/m$^3$
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

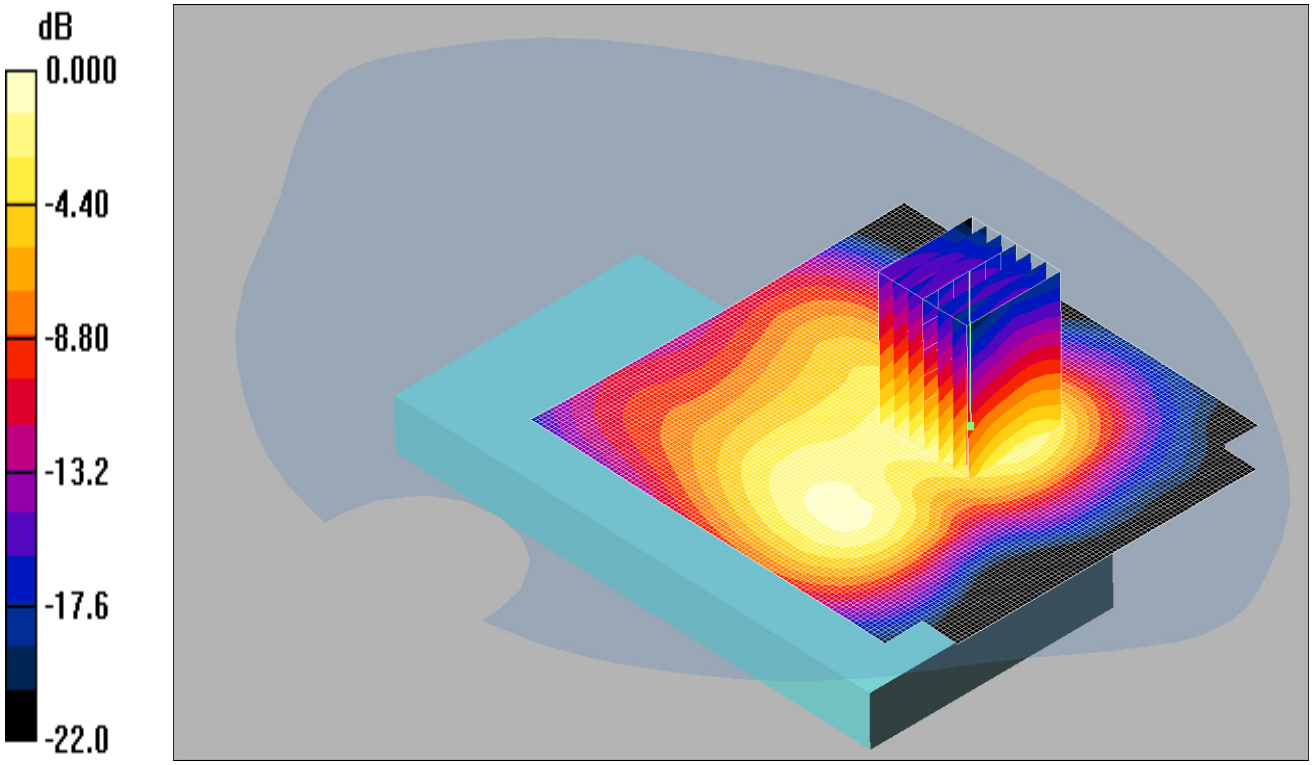
**Configuration/Touch Left 50%RB Low - Head - PB0/Zoom Scan (7x7x7) 2 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.199 V/m; Power Drift = 0.72 dB
Peak SAR (extrapolated) = 0.0530 W/kg
**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00431 W/kg**

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

SAR/490: Back of EUT Hotspot LTE Band 30 10MHz 1 RB Low

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; $\varepsilon_r$ = 50.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

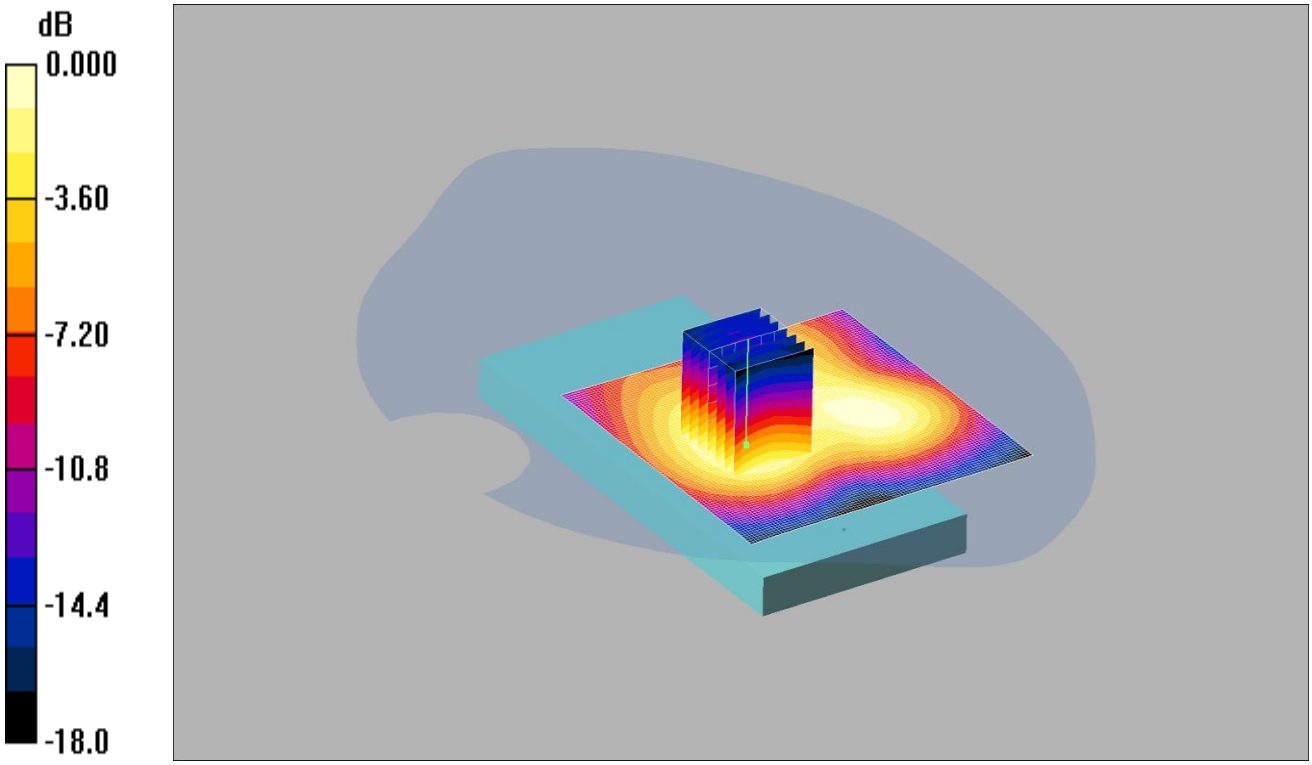
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/491: Back of EUT Body-worn LTE Band 30 10MHz 1RB Low CH27710 - Flavor 3

Date: 24/05/2016

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




0 dB = 0.267mW/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; $\varepsilon_r$ = 50.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

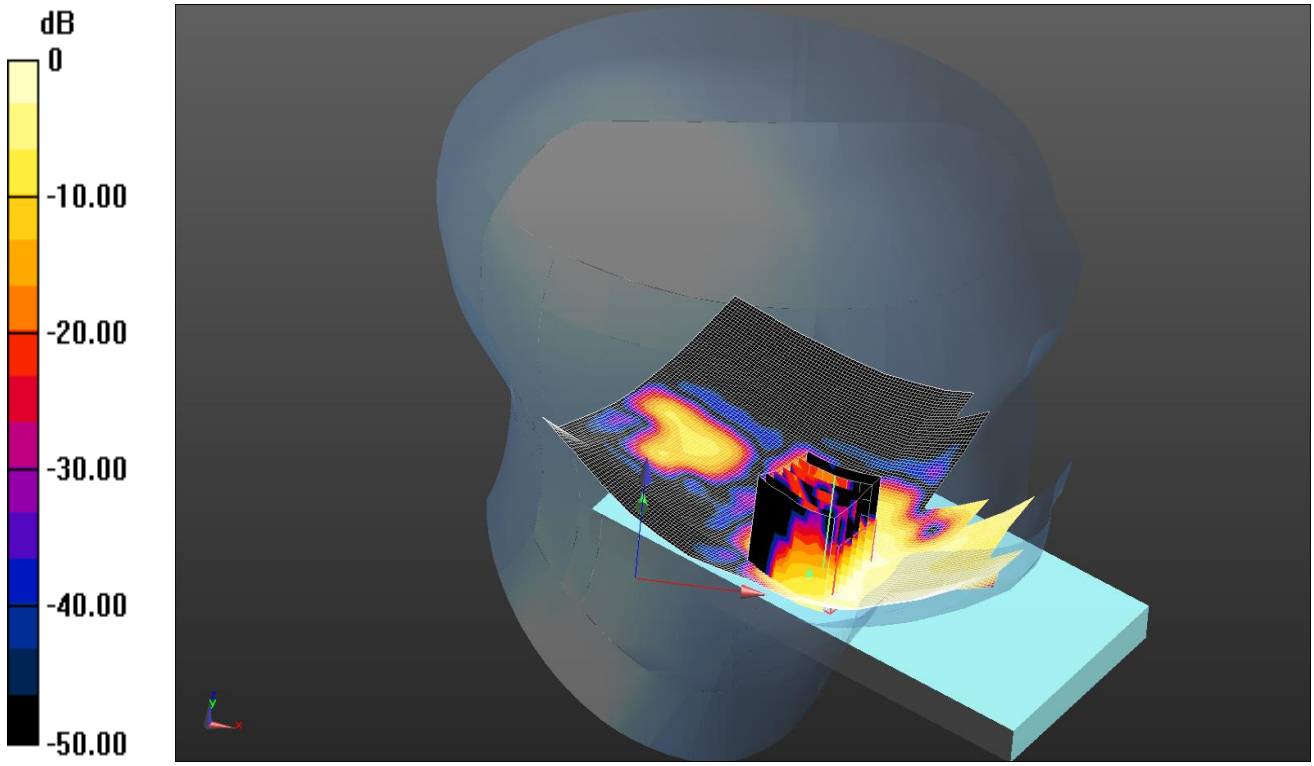
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.54, 4.54, 4.54);

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

**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

SAR/492: Touch Left LTE Band 41 20MHz 1RB Middle CH40620 Flavor 3

Date: 29/04/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**



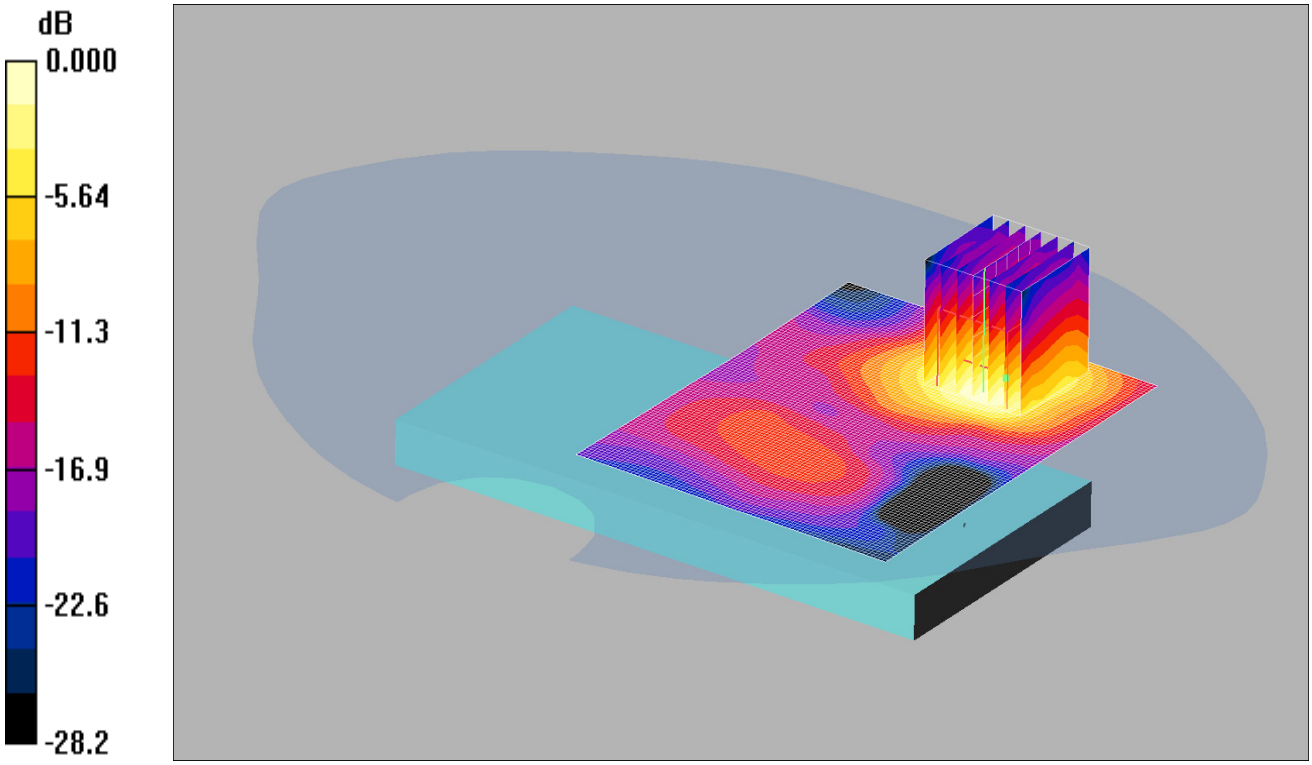

0 dB = 0.0517 W/kg = -12.87 dBW/kg

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; $\varepsilon_r$ = 38.232; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.33, 4.33, 4.33); Calibrated: 23/07/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAMB (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
**Configuration/Touch Left 1RB Middle - Head - PBx 2 2/Area Scan (101x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0408 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

SAR/493: Back of EUT Hotspot LTE  41 1RB Mid CH40620 - Flavor 3

Date: 18/05/2016

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




0 dB = 0.396mW/g

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; $\varepsilon_r$ = 50.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

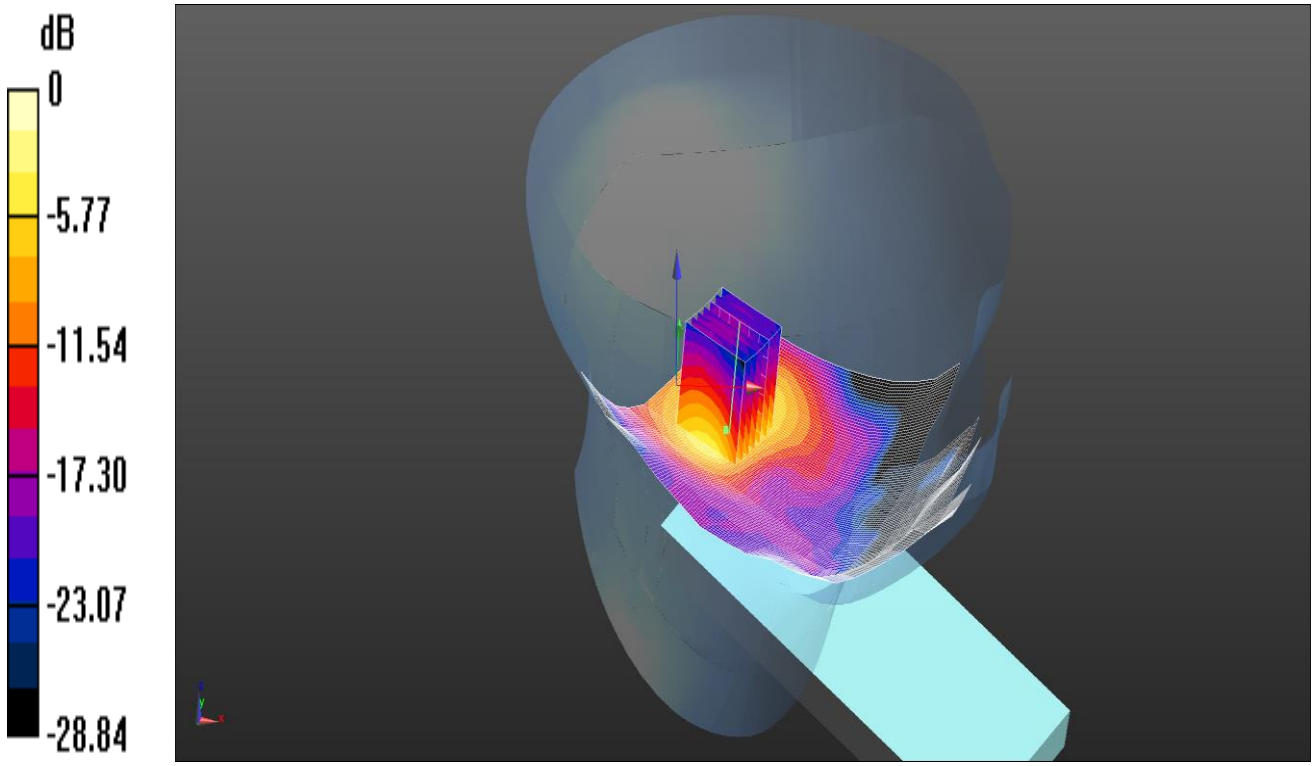
DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.1, 4.1, 4.1);

- 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

SAR/494: Tilt Left WLAN 2.4GHz 802.11b 6MBps MIMO Ant 1&2 CH1 Flavor 3

Date: 23/04/2016
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I**




0 dB = 0.362 W/kg = -4.41 dBW/kg

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; $\varepsilon_r$ = 39.992; $\rho$ = 1000 kg/m$^3$
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)

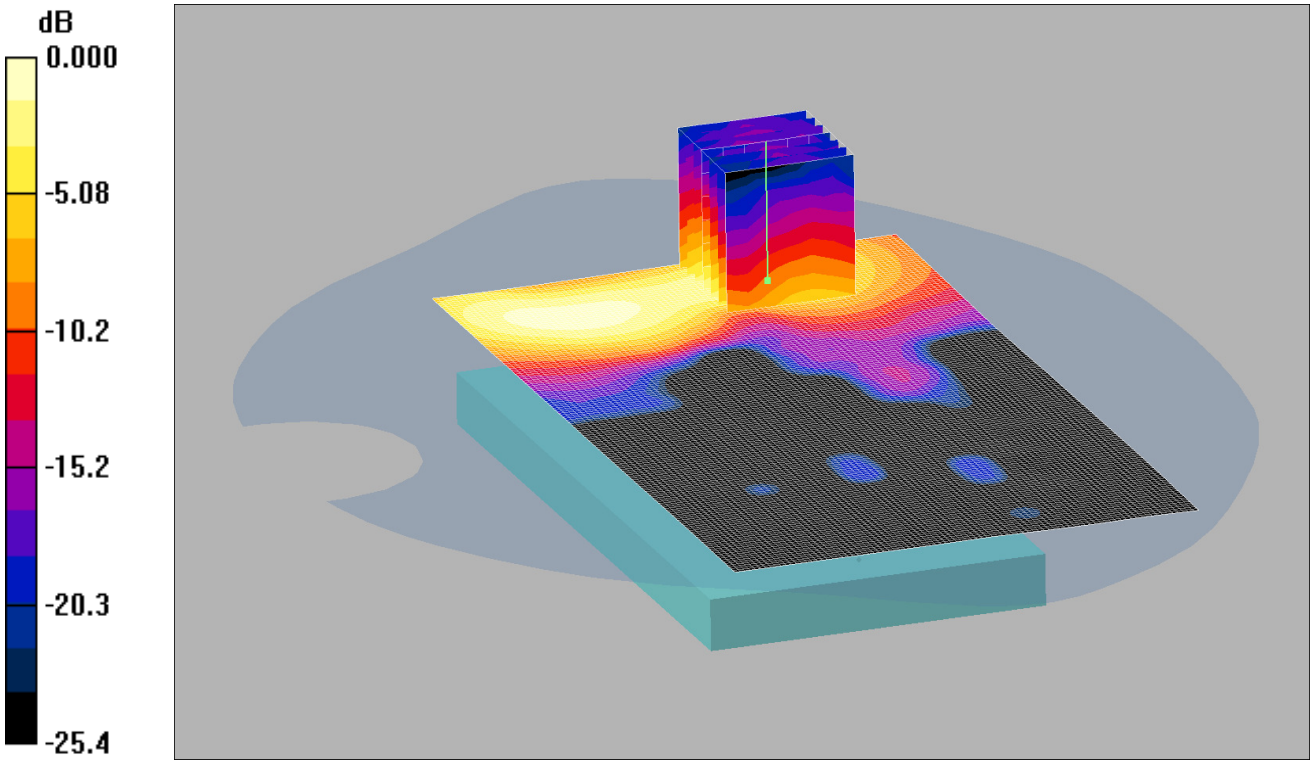
**Configuration/Tilt Left 802.11b MIMO Ant 1&2 - Head - PBx 2/Area Scan (101x181x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

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

SAR/495: Back of EUT Hotspot 2.4WLAN GHz 802.11b - 1 Mbps CH6 - Flavor3

Date: 09/05/2016

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




0 dB = 0.137mW/g

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; $\varepsilon_r$ = 50.7; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

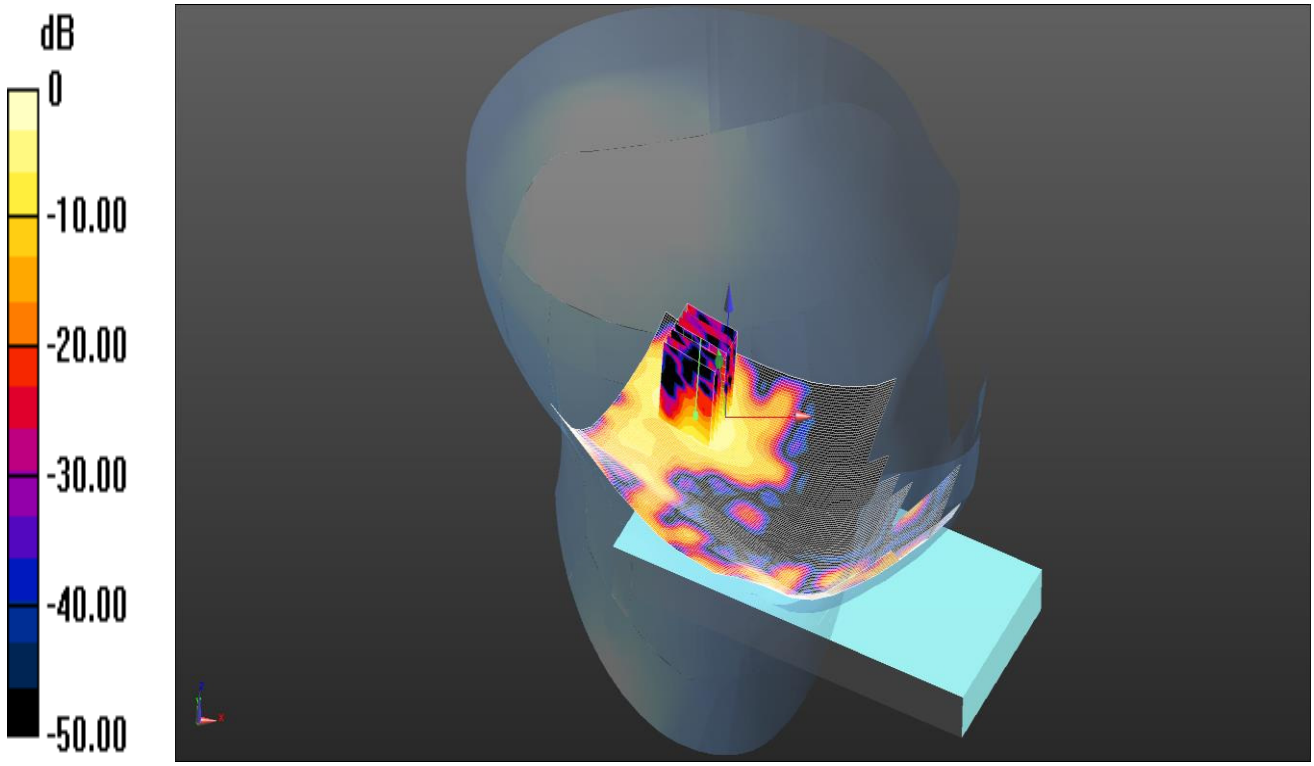
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.31, 4.31, 4.31);

- 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

SAR/496: Touch Left WiFi 802.11a 6Mbps MIMO 1&2 CH100 - Flavor 3

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

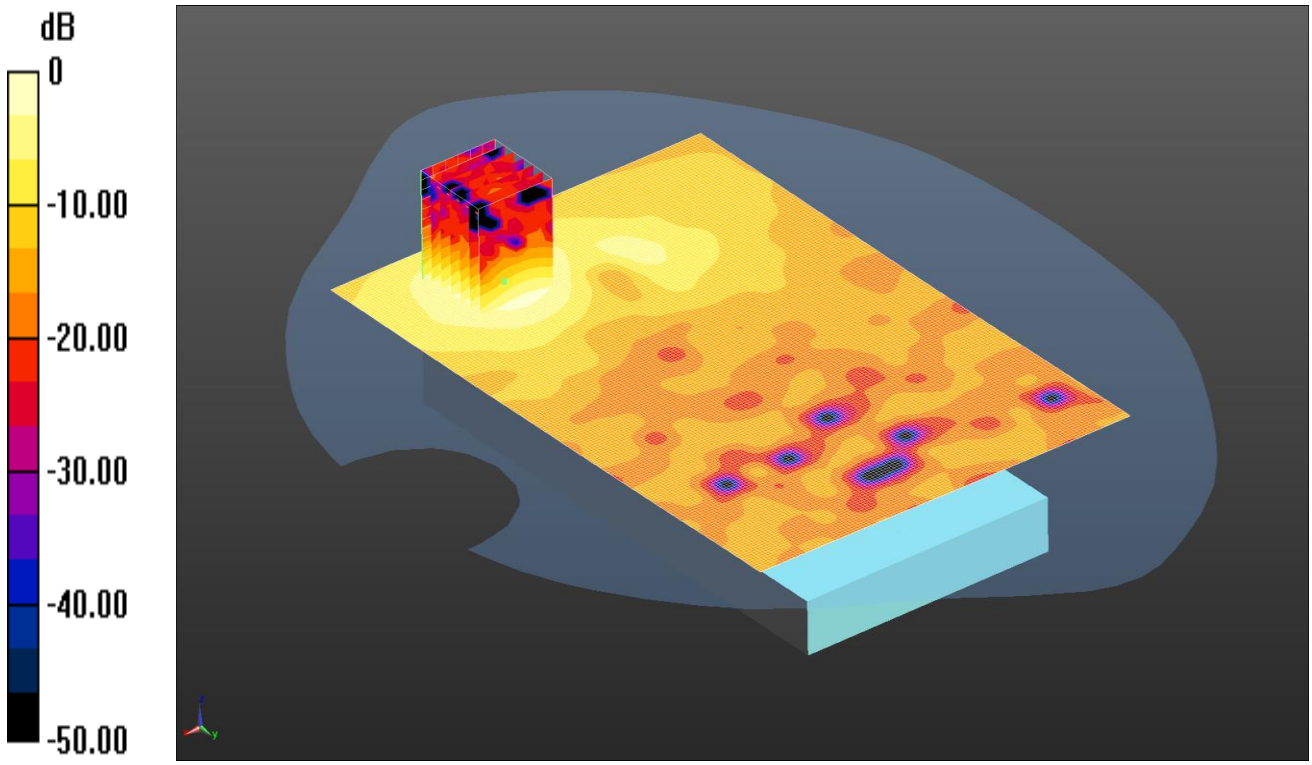
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: 5250/5600/5750 MHz HSL Medium parameters used: f = 5500 MHz; $\sigma$ = 4.921 S/m; $\varepsilon_r$ = 34.234; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.5, 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

SAR/497: Back of EUT Hotspot WiFi 802.11a 6Mbps MIMO 1&2 CH153 - Flavor 3

Date: 04/05/16
**DUT: Model Name: Solarin; Model Number: SR0020-W; FCC ID: 2AIP8I 6**



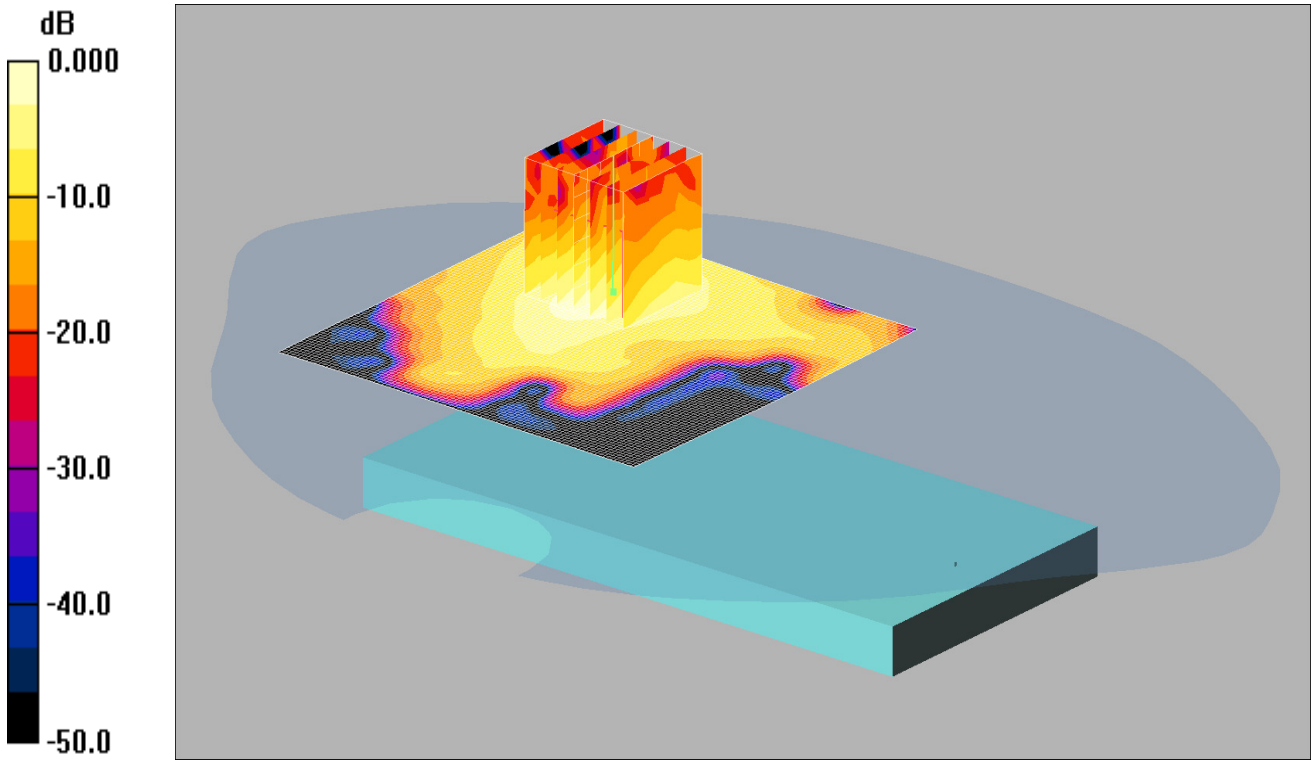

0 dB = 0.824 W/kg = -0.84 dBW/kg

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; $\varepsilon_r$ = 48.056; $\rho$ = 1000 kg/$m^3$
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

SAR/498: Back of EUT Bluetooth BDR CH78 - Flavor 3

Date: 20/05/2016

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




0 dB = 0.041mW/g

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; $\varepsilon_r$ = 50.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3341; ConvF(4.31, 4.31, 4.31);

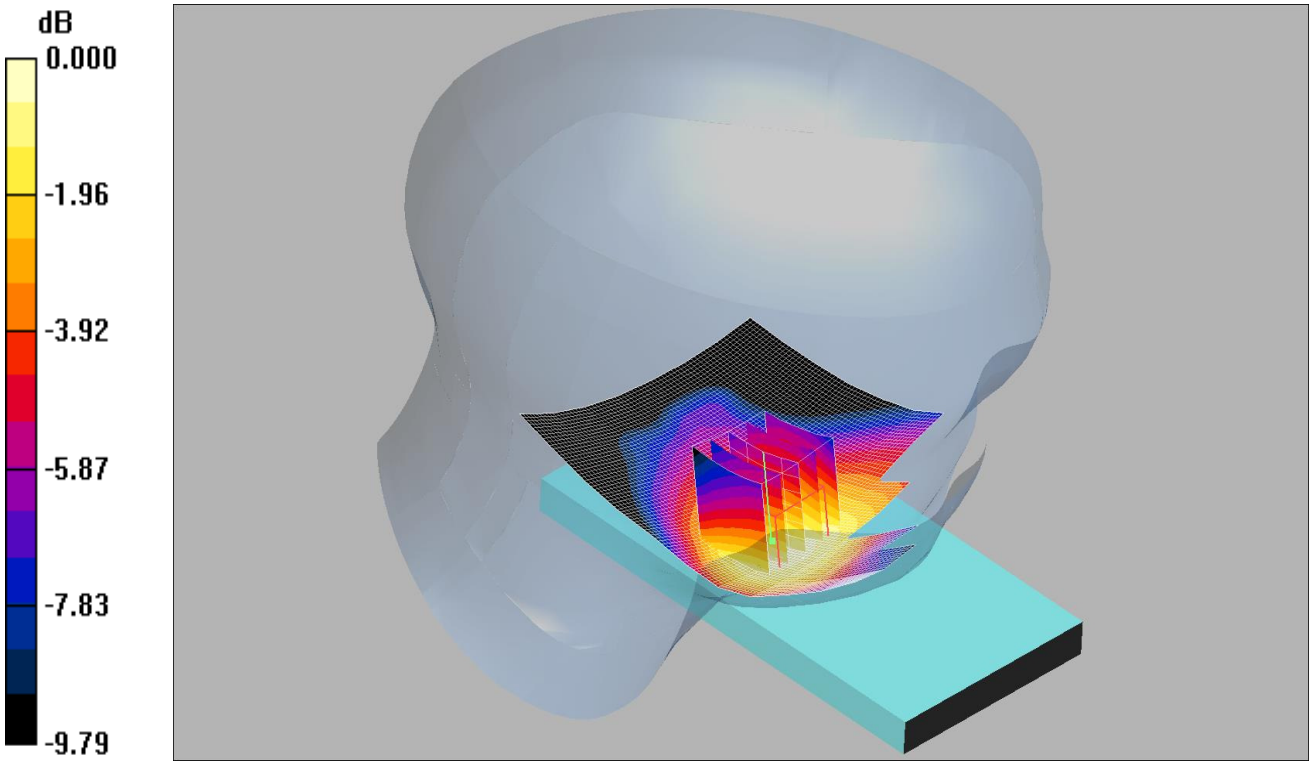
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn432; Calibrated: 25/08/2015
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**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

SAR/499: Touch Left GSM850 CH251 - Flavor 4

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; $\varepsilon_r$ = 40.7; $\rho$ = 1000 kg/m$^3$
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