

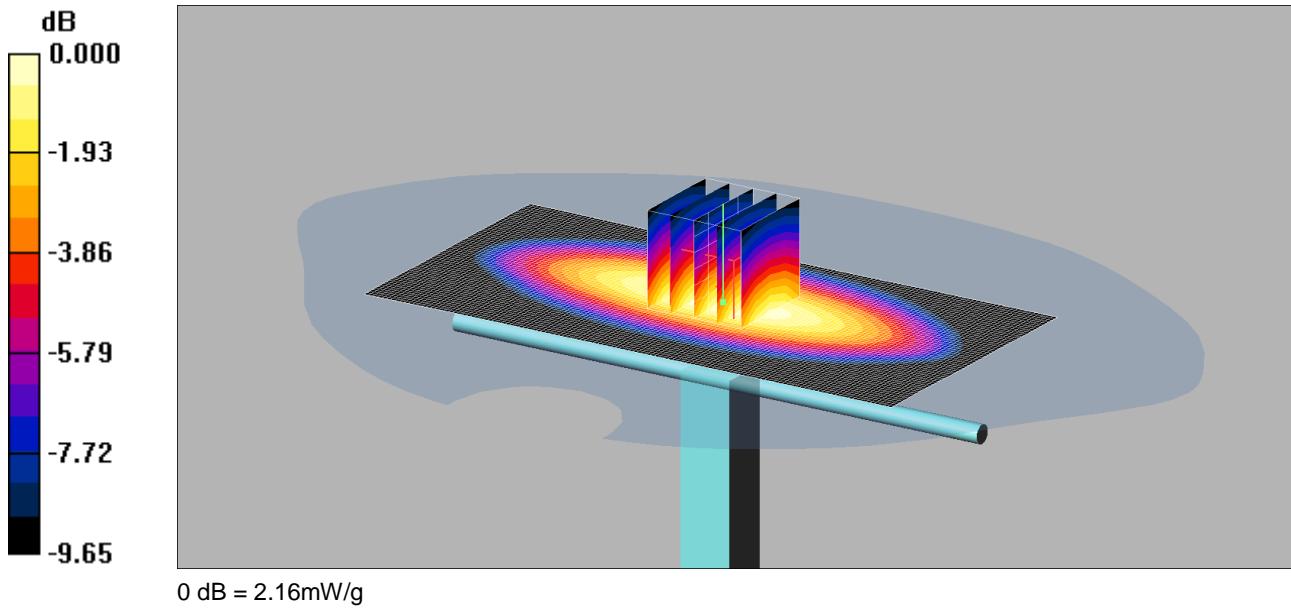
12.2. System Check Plots – A1428 & A1429

This appendix contains the following system validation distribution scans.

Scan Reference Number	Title
001	System Performance Check 750MHz Head 09 04 15
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001: System Performance Check 750MHz Head 09 04 15

Date: 09/04/2015

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 MHz HSL Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.849 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2 2/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.16 mW/g

d=15mm, Pin=250mW 2 2/Zoom Scan (5x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.7 V/m; Power Drift = -0.013 dB

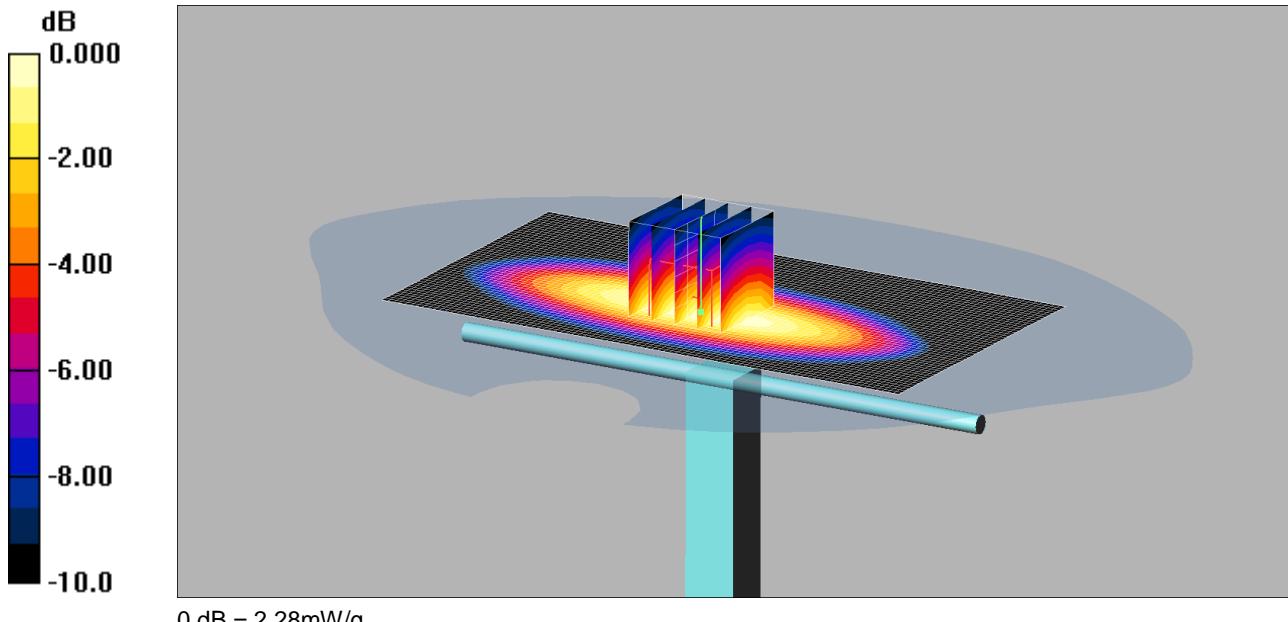
Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 2.01 mW/g; SAR(10 g) = 1.35 mW/g

Maximum value of SAR (measured) = 2.16 mW/g

002: System Performance Check 750MHz Body 09 04 15

Date: 09/04/2015

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750/900 MHz MSL Medium parameters used: $f = 750$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

d=15mm, Pin=250mW 2/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.28 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.9 V/m; Power Drift = -0.050 dB

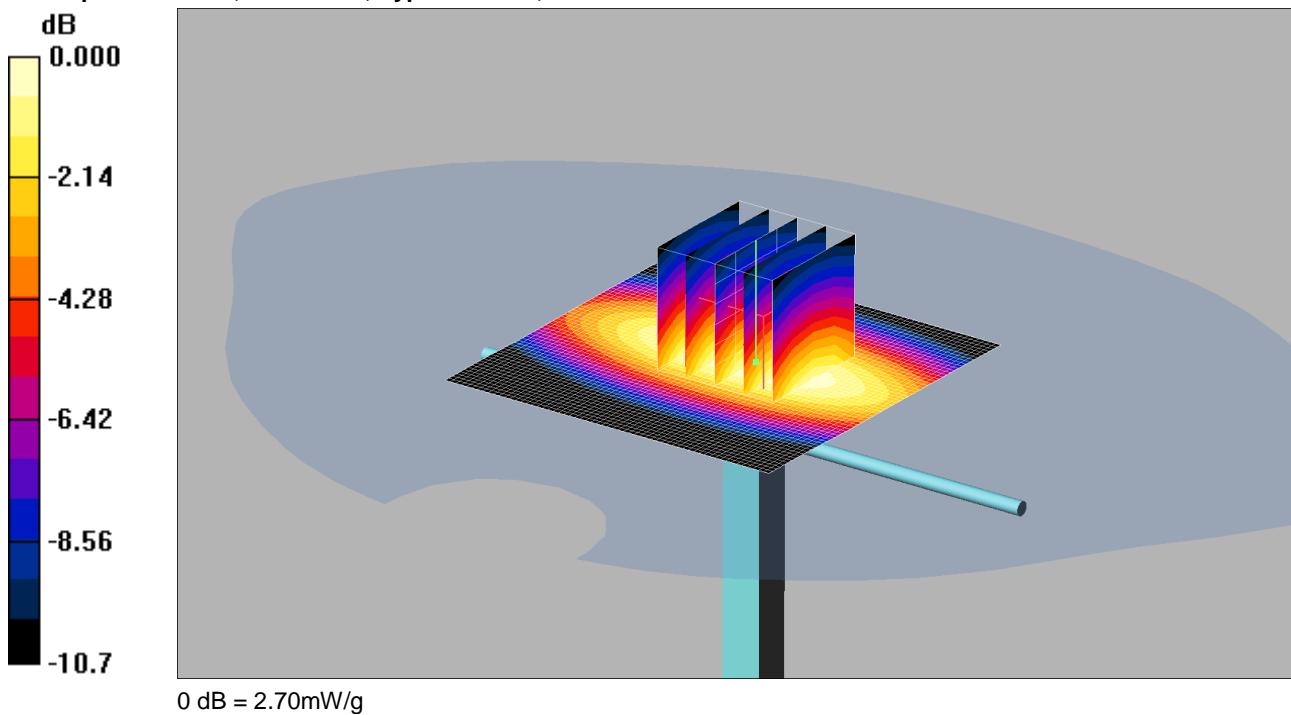
Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 2.11 mW/g; SAR(10 g) = 1.4 mW/g

Maximum value of SAR (measured) = 2.28 mW/g

003: System Performance Check 900MHz Head 30 03 15

Date: 30/03/2015

DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.74 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.5 V/m; Power Drift = -0.118 dB

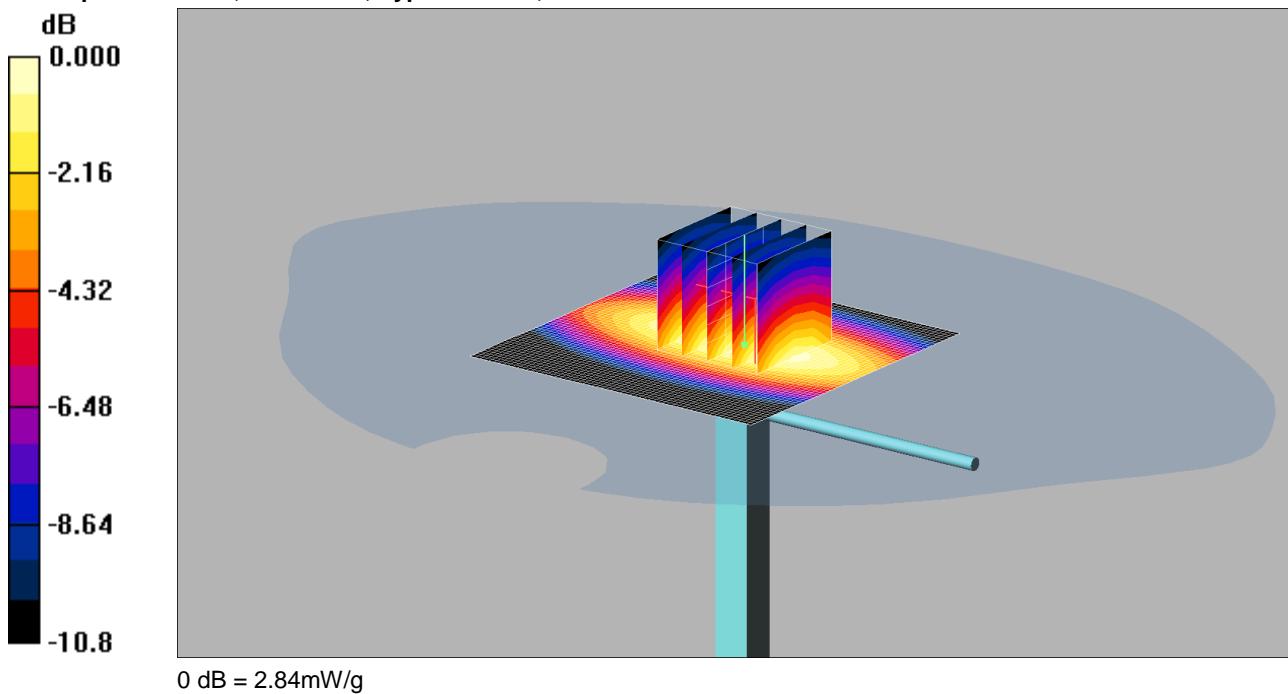
Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.64 mW/g

Maximum value of SAR (measured) = 2.70 mW/g

004: System Performance Check 900MHz Head 07 04 15

Date: 07/04/2015

DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.948 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.81 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.3 V/m; Power Drift = 0.049 dB

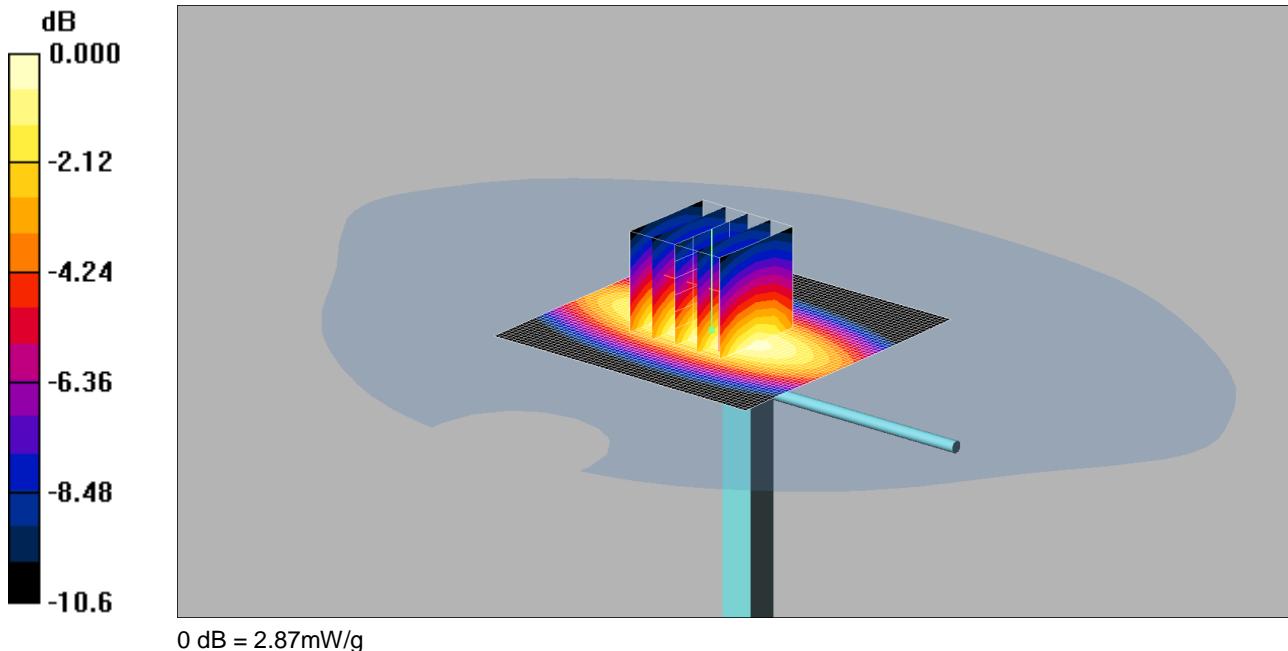
Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.84 mW/g

005: System Performance Check 900MHz Body 30 03 15

Date: 30/03/2015

DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

Communication System: UMTS-FDD 5; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.85, 5.85, 5.85);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

d=15mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.85 mW/g

d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.2 V/m; Power Drift = -0.126 dB

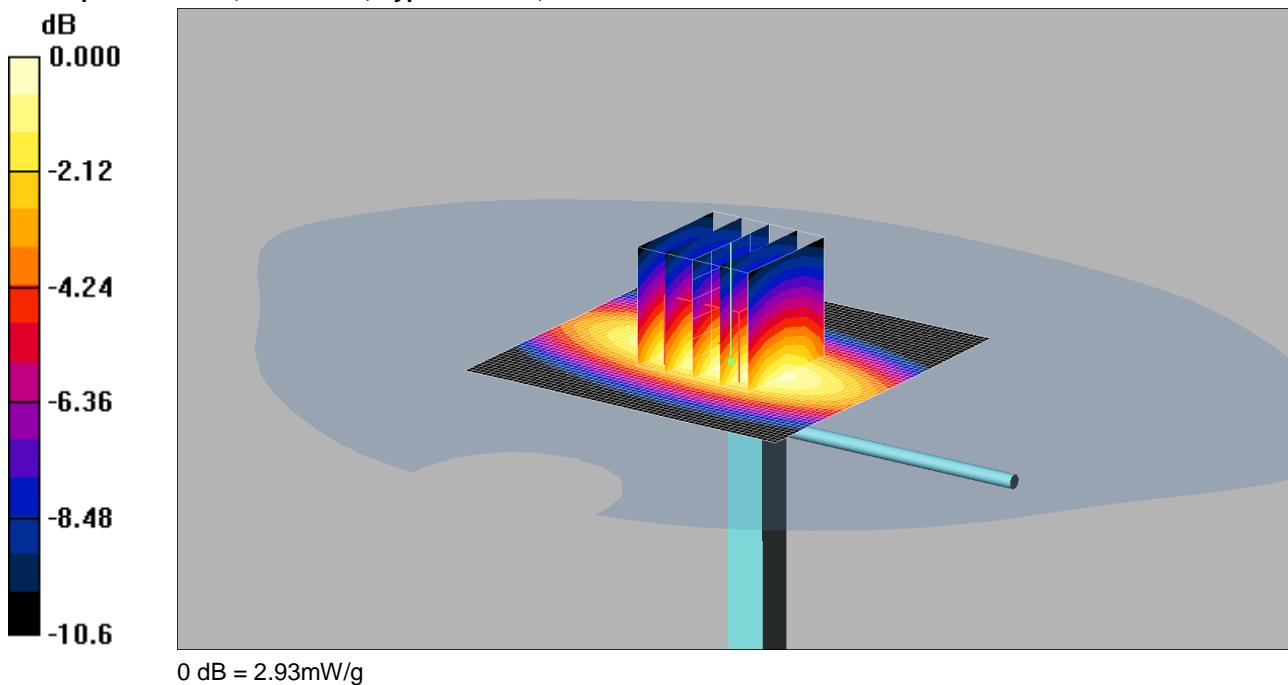
Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.75 mW/g

Maximum value of SAR (measured) = 2.87 mW/g

006: System Performance Check 900MHz Body 07 04 15

Date: 07/04/2015

DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

Communication System: UMTS-FDD 5; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.06 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(5.85, 5.85, 5.85);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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

d=15mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.90 mW/g

d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.1 V/m; Power Drift = -0.063 dB

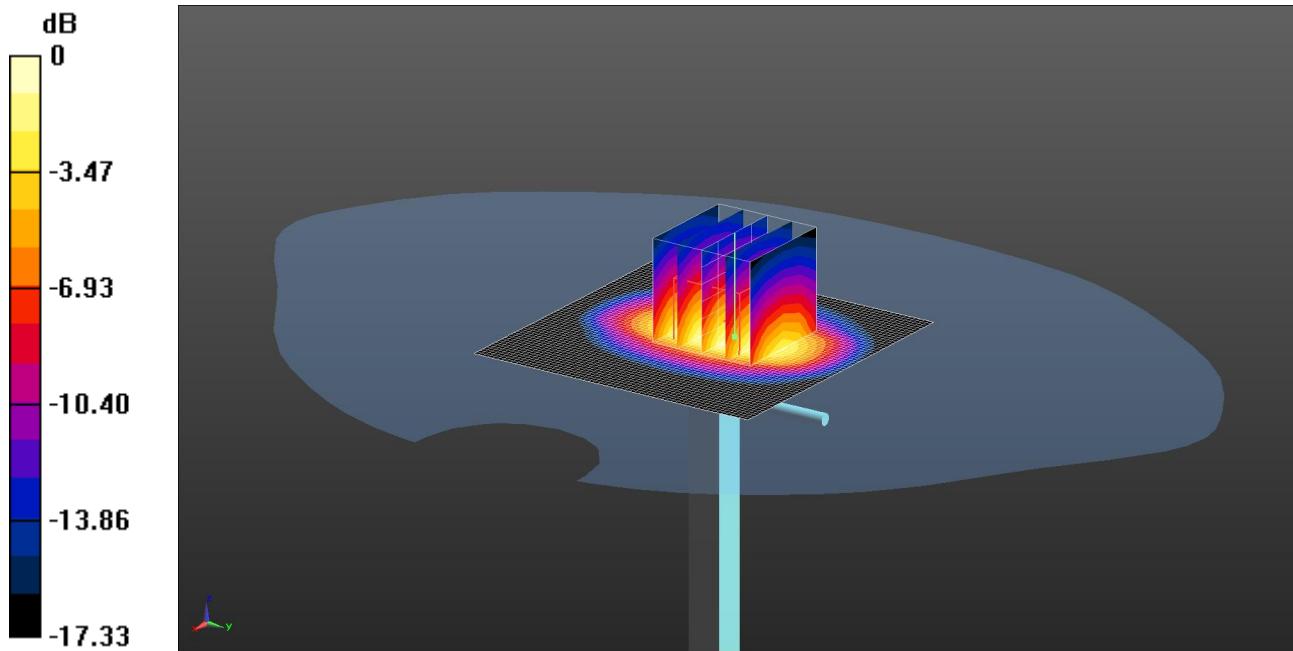
Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.93 mW/g

007: System Performance Check 1800MHz Head 13 04 15

Date: 13/04/2015

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

$$0 \text{ dB} = 10.8 \text{ W/kg} = 10.33 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.379 \text{ S/m}$; $\epsilon_r = 39.81$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.501 V/m; Power Drift = 0.07 dB

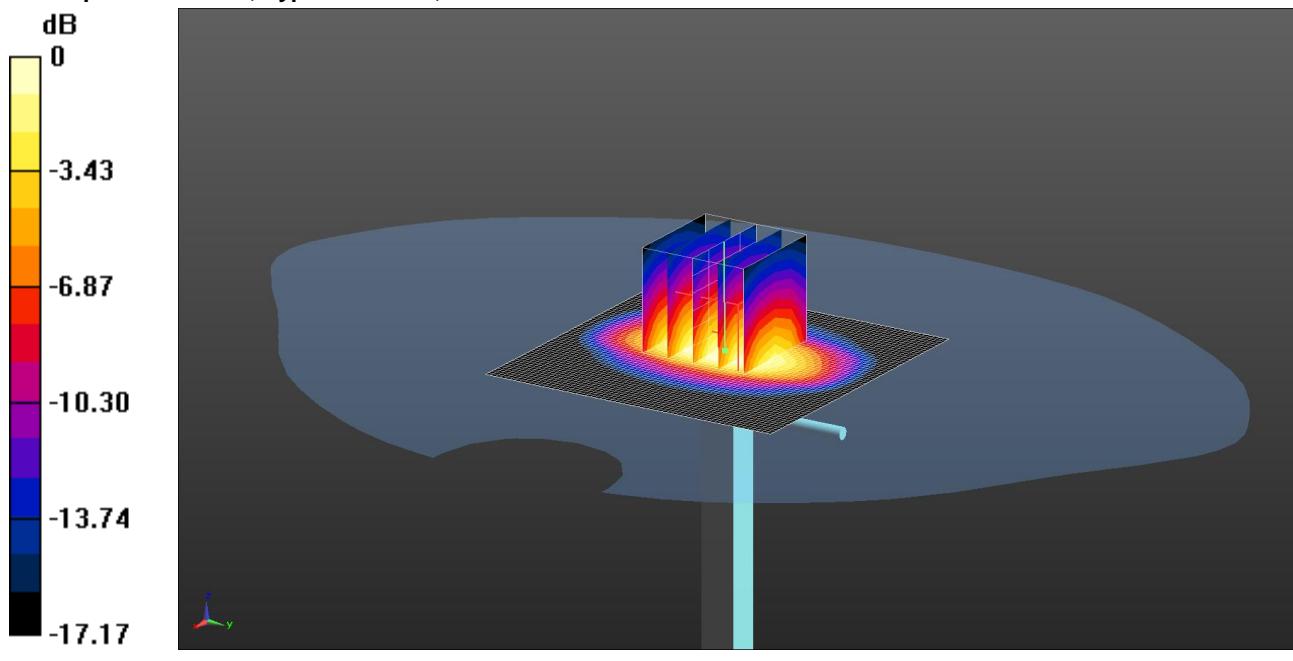
Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.61 W/kg; SAR(10 g) = 5.1 W/kg

Maximum value of SAR (measured) = 10.8 W/kg

008: System Performance Check 1800MHz Body 13 04 15

Date: 13/04/2015

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.555 \text{ S/m}$; $\epsilon_r = 51.868$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 12.2 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.258 V/m; Power Drift = 0.02 dB

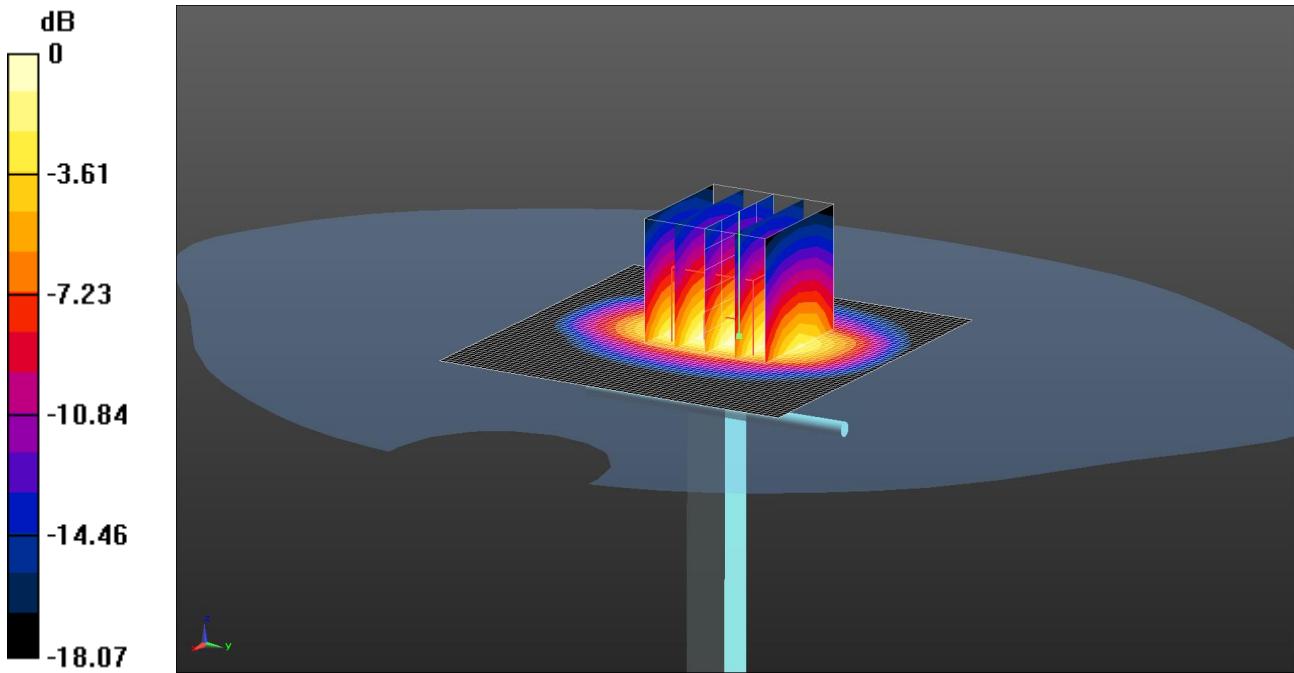
Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.69 W/kg; SAR(10 g) = 5.08 W/kg

Maximum value of SAR (measured) = 10.9 W/kg

009: System Performance Check 1900MHz Head 14 04 15

Date: 14/04/2015

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540

Communication System: UID 0 - n/a, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ S/m}$; $\epsilon_r = 39.034$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.0 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.710 V/m; Power Drift = -0.00 dB

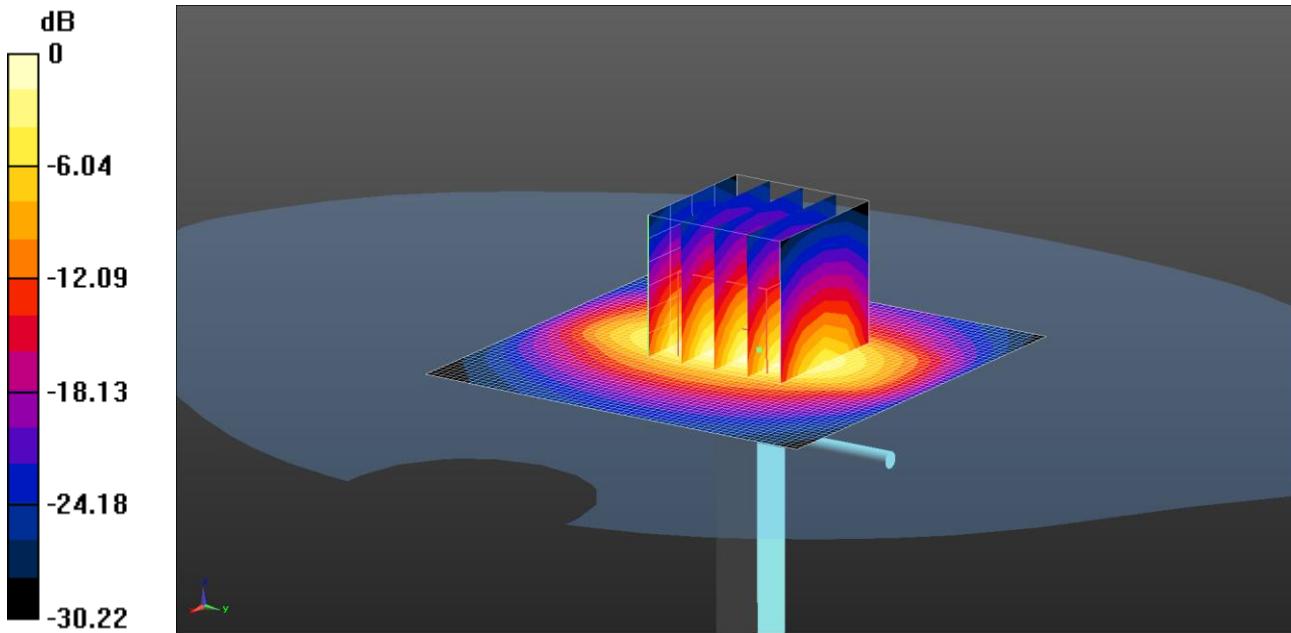
Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 10 W/kg; SAR(10 g) = 5.23 W/kg

Maximum value of SAR (measured) = 11.3 W/kg

010: System Performance Check 1900MHz Body 16 04 15

Date: 16/04/15

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN: 540

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.575$ S/m; $\epsilon_r = 54.168$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/14
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.10 (7331)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.88 V/m; Power Drift = -0.01 dB

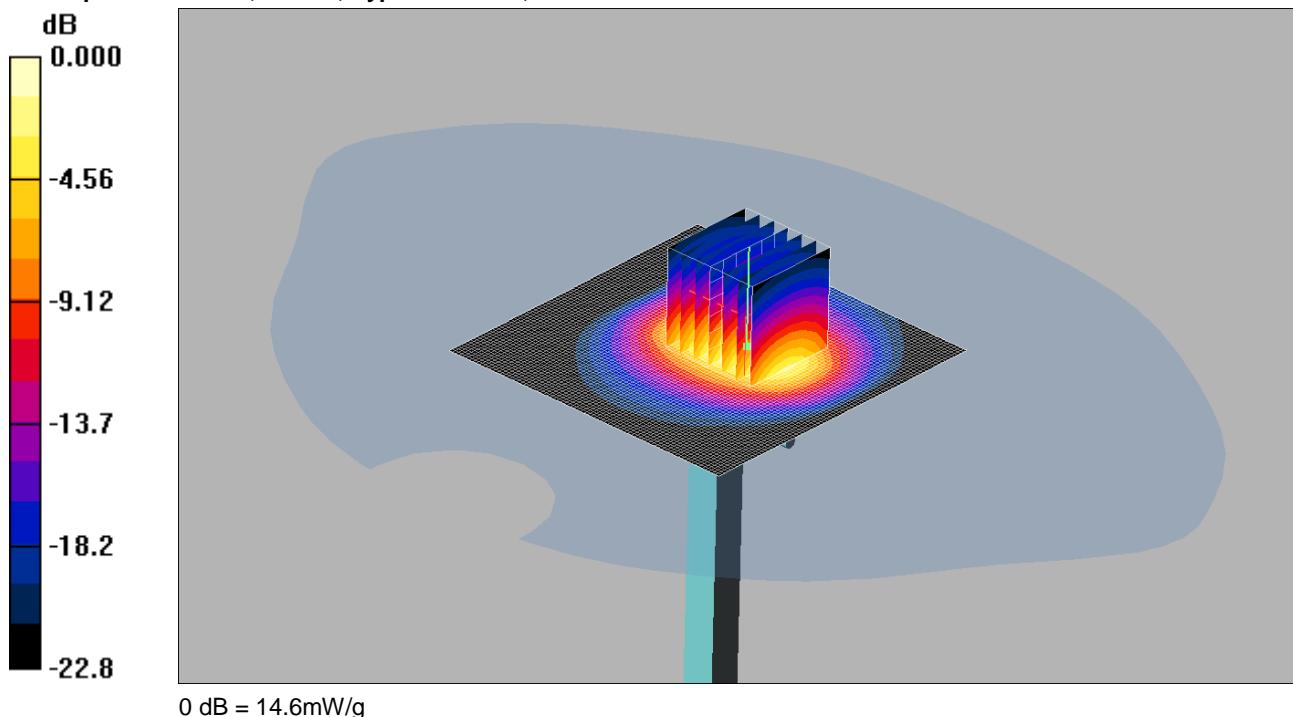
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.21 W/kg

Maximum value of SAR (measured) = 11.3 W/kg

011: System Performance Check 2450MHz Head 14 04 15

Date: 14/04/2015

DUT: Dipole 2450 MHz; SN725; Type: D2450V2; Serial: D2450V2 - SN:725

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.83 \text{ mho/m}$; $\epsilon_r = 38$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.48, 4.48, 4.48);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- 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

d=10mm, Pin=250mW/Area Scan (81x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 15.4 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 81.3 V/m; Power Drift = -0.088 dB

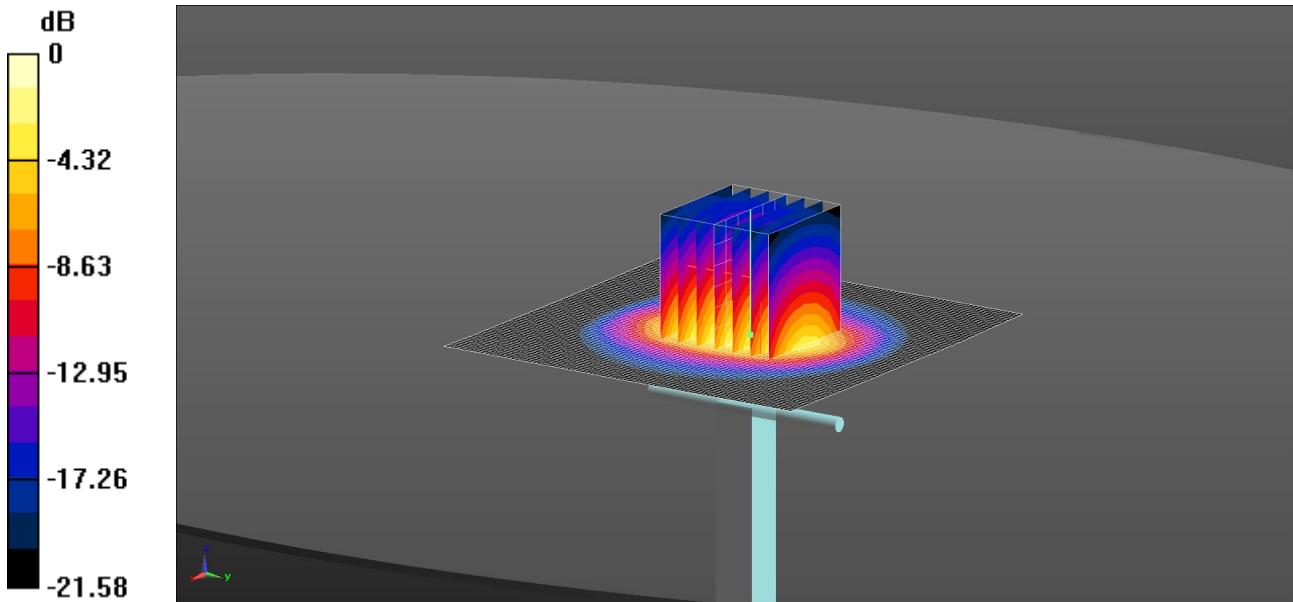
Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 13 mW/g; SAR(10 g) = 5.98 mW/g

Maximum value of SAR (measured) = 14.6 mW/g

012: System Performance Check 2450MHz Body 07 04 15

Date: 07/04/2015

DUT: Dipole 2450 MHz; Type: D2440V2; Serial: D2440V2 - SN:725

$$0 \text{ dB} = 14.1 \text{ W/kg} = 11.49 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 2.023 \text{ S/m}$; $\epsilon_r = 52.564$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.6 W/kg

Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83.403 V/m; Power Drift = -0.13 dB

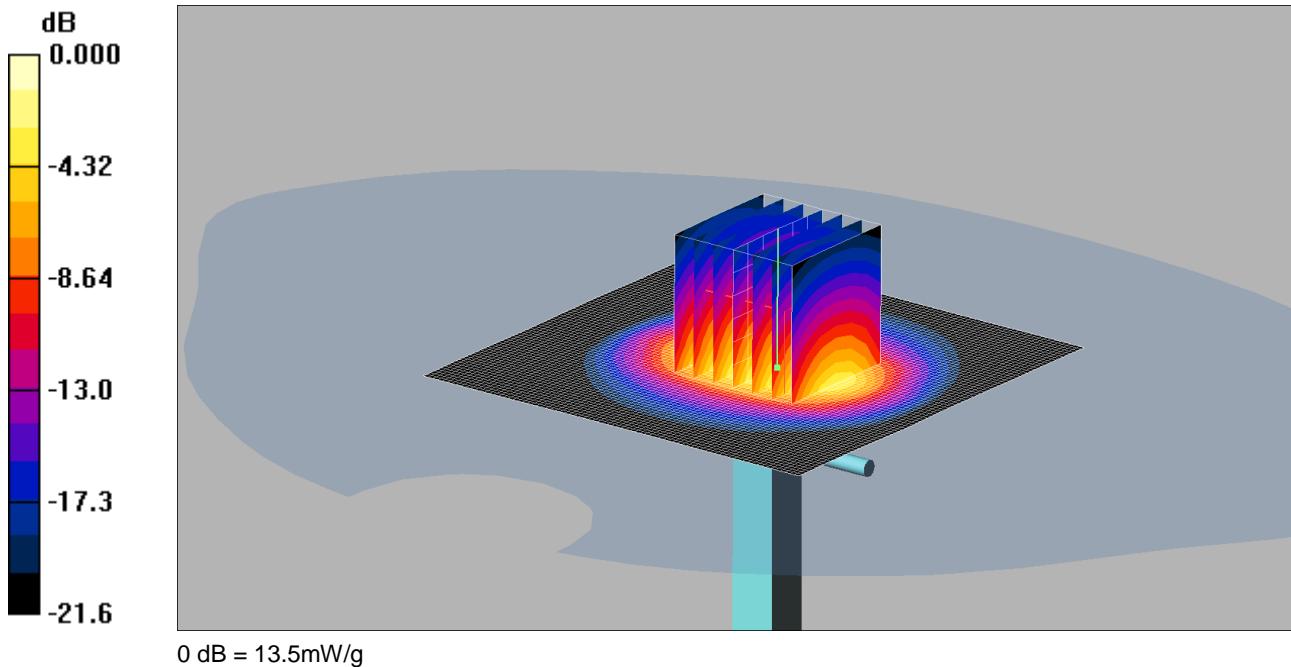
Peak SAR (extrapolated) = 25.9 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.69 W/kg

Maximum value of SAR (measured) = 14.1 W/kg

013: System Performance Check 2450MHz Body 29 04 15

Date: 29/04/2015

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=10mm, Pin=250mW 2 2 2/Area Scan (81x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 14.2 mW/g

d=10mm, Pin=250mW 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.1 V/m; Power Drift = 0.003 dB

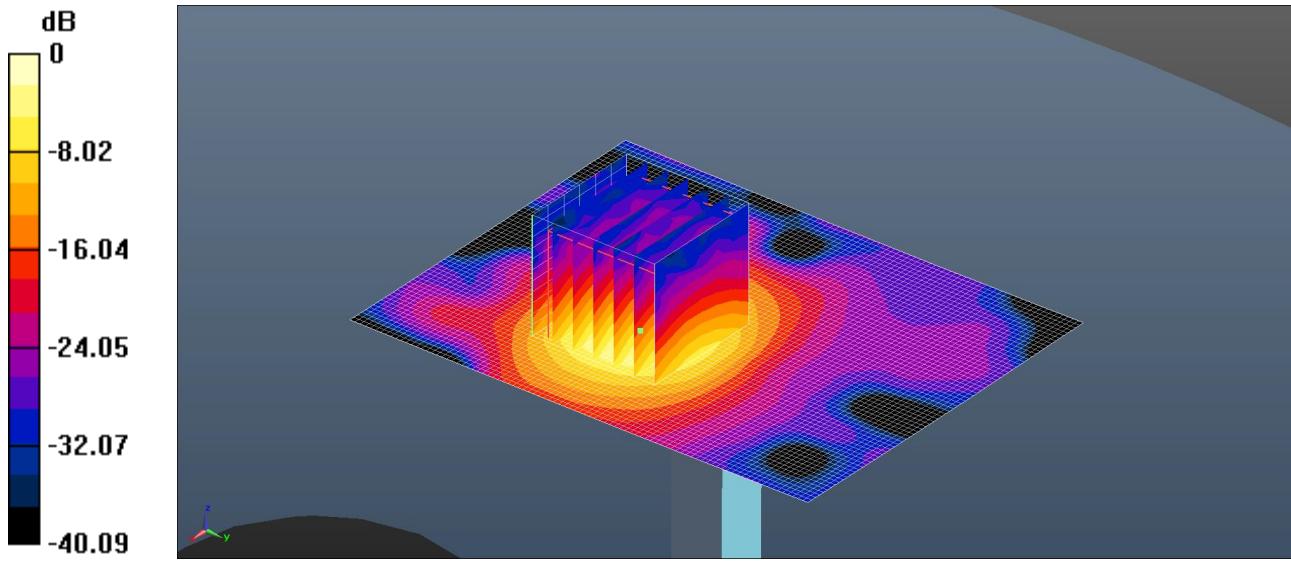
Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 12.3 mW/g; SAR(10 g) = 5.65 mW/g

Maximum value of SAR (measured) = 13.5 mW/g

014: System Performance Check 5250MHz Head 16 04 15

Date: 16/04/2015

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5250$ MHz; $\sigma = 4.585$ S/m; $\epsilon_r = 34.482$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.0 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.785 V/m; Power Drift = -0.12 dB

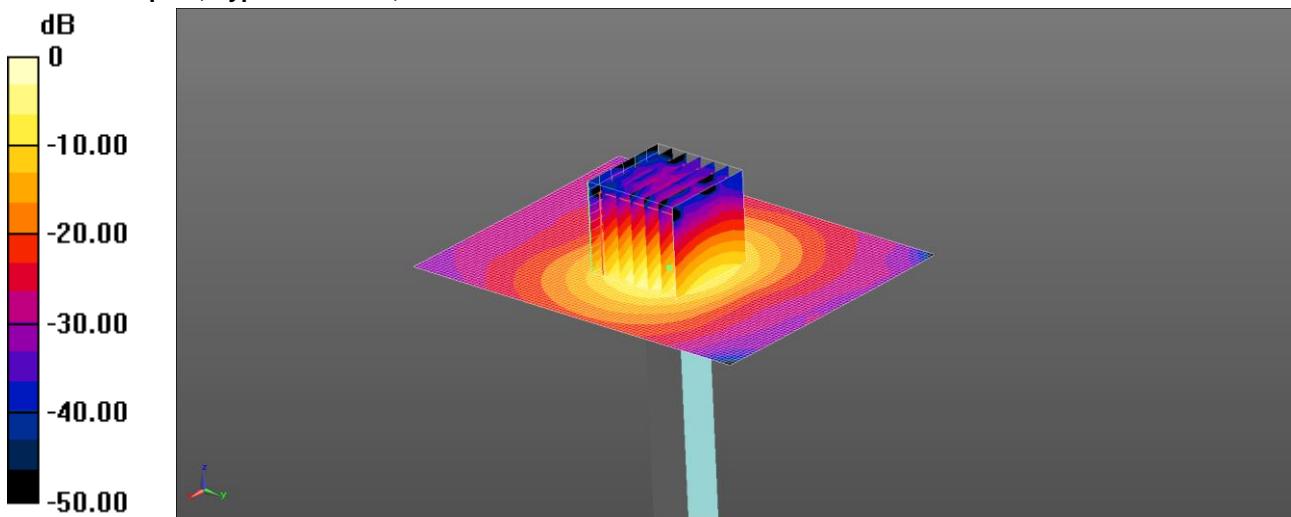
Peak SAR (extrapolated) = 34.3 W/kg

SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 16.7 W/kg

015: System Performance Check 5250MHz Body 13 04 15

Date: 13/04/15

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

0 dB = 15.6 W/kg = 11.93 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used: $f = 5250$ MHz; $\sigma = 5.338$ S/m; $\epsilon_r = 48.275$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.47 V/m; Power Drift = 0.02 dB

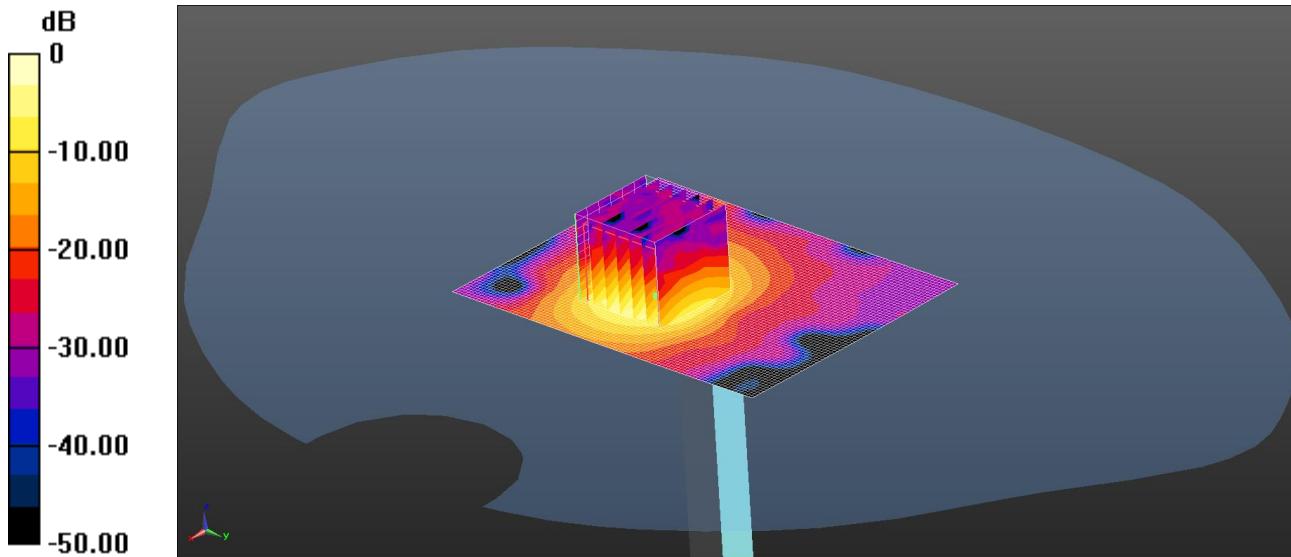
Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 15.6 W/kg

016: System Performance Check 5600MHz Head 16 04 15

Date: 16/04/2015

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5600$ MHz; $\sigma = 4.951$ S/m; $\epsilon_r = 33.972$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.2 W/kg

Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.664 V/m; Power Drift = -0.23 dB

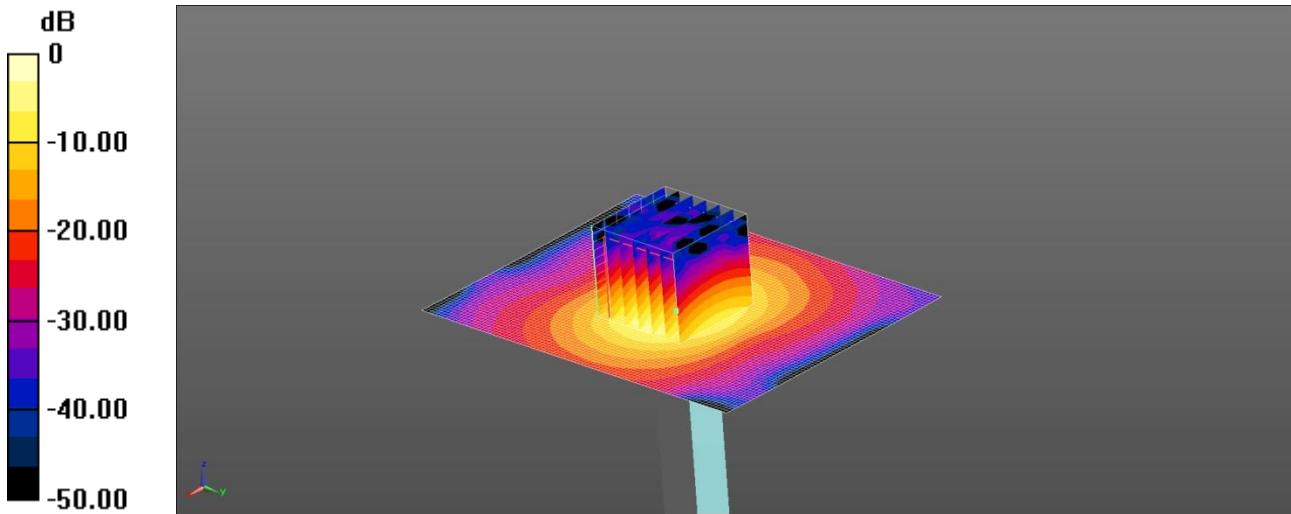
Peak SAR (extrapolated) = 37.4 W/kg

SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 17.1 W/kg

017: System Performance Check 5600MHz Body 13 04 15

Date: 13/04/15

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

$$0 \text{ dB} = 16.3 \text{ W/kg} = 12.12 \text{ dBW/kg}$$

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.889 \text{ S/m}$; $\epsilon_r = 47.431$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 36.11 V/m; Power Drift = -0.20 dB

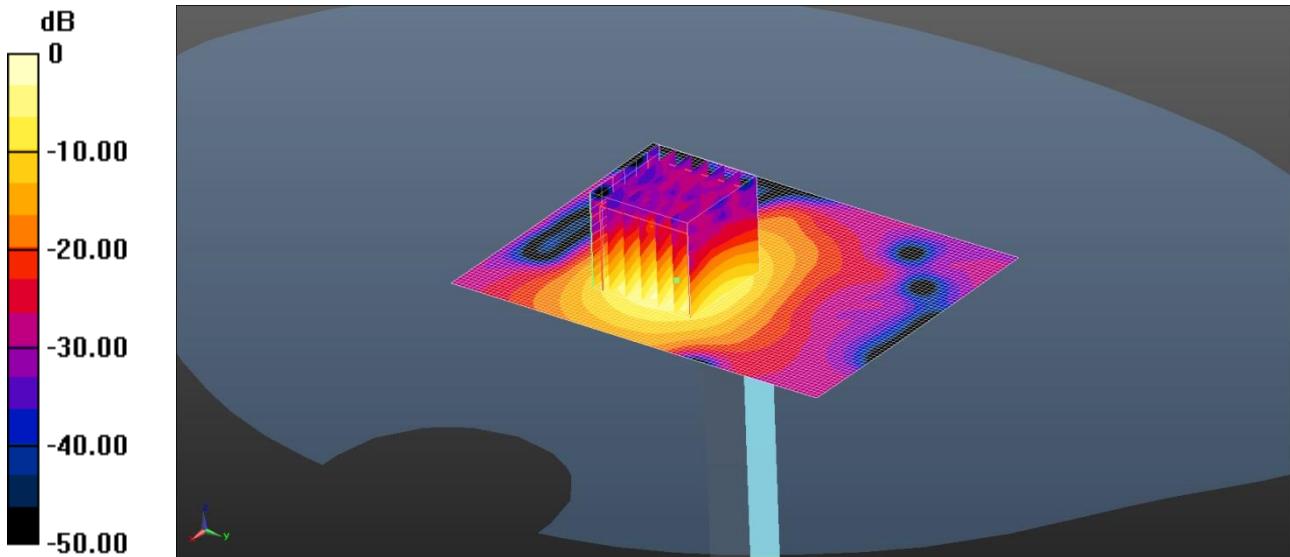
Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 16.3 W/kg

018: System Performance Check 5750MHz Head 16 04 15

Date: 16/04/2015

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5750$ MHz; $\sigma = 5.124$ S/m; $\epsilon_r = 33.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.2 W/kg

Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.536 V/m; Power Drift = -0.15 dB

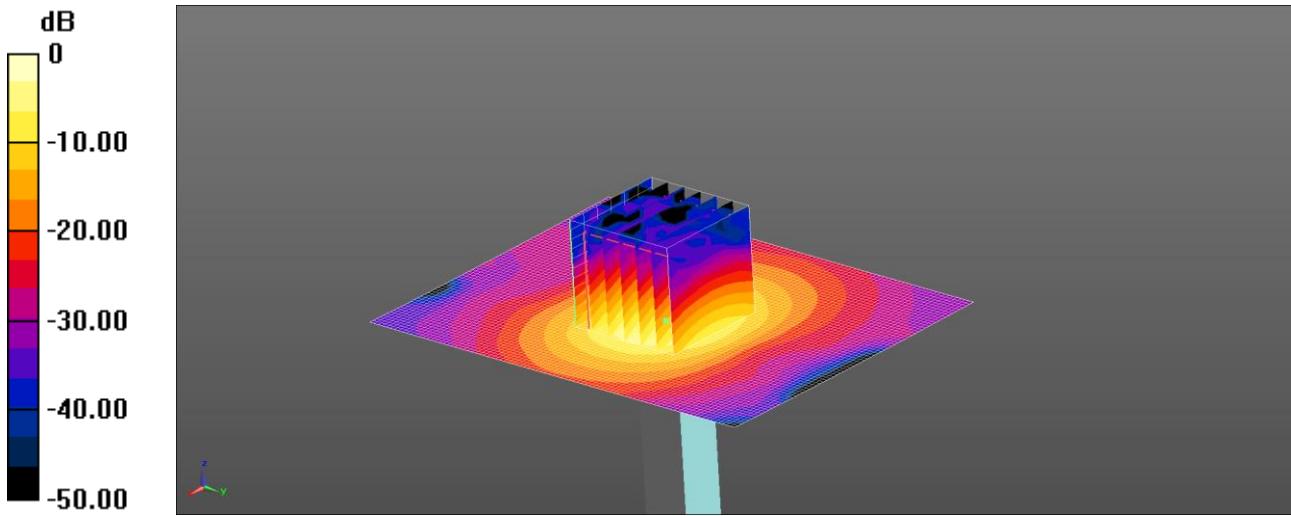
Peak SAR (extrapolated) = 34.6 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.4 W/kg

019: System Performance Check 5750MHz Body 13 04 15

Date: 13/04/15

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used: $f = 5750$ MHz; $\sigma = 6.131$ S/m; $\epsilon_r = 47.05$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.8 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 34.34 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2 W/kg

Maximum value of SAR (measured) = 16.1 W/kg

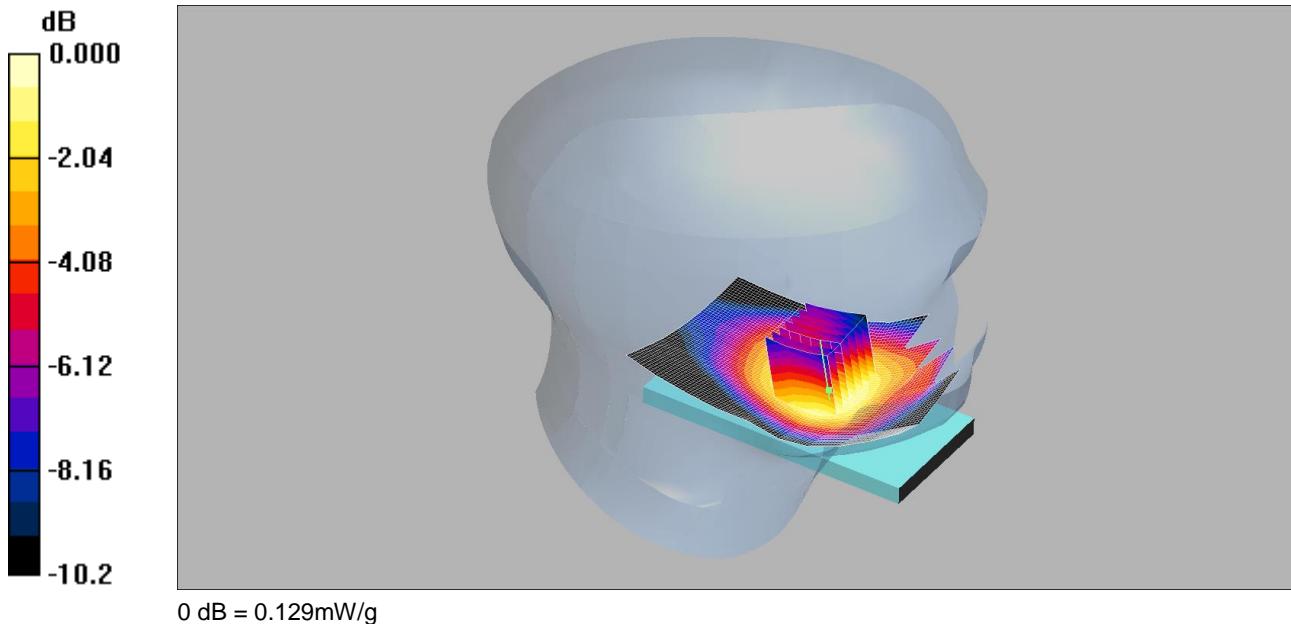
12.3. SAR Test Plots – A1428

This appendix contains the following SAR distribution scans.

Scan Reference Number	Title
001	Touch Left_GSM850_Voice_CH190
002	Back of EUT-Body-Worn_GSM850_Voice_CH190
003	Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
004	Touch Right_PCS1900_Voice_CH512
005	Back of EUT_Body-Worn_PCS1900_Voice_CH661
006	Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH810
007	Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262
008	Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
009	Touch Right_UMTS FDD 4_RMC 12.2kbps_CH1413
010	Front of EUT-Body-Worn_UMTS FDD 4_RMC 12.2kbps_CH1413
011	Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4233
012	Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233
013	Back of EUT_Body-Worn_LTE FDD 2_20MHz 1RB Mid_CH18900
014	Touch Right_LTE FDD 4_20MHz 1RB High_CH20050
015	Touch Right_LTE FDD 4_20MHz 1RB High_CH20300
016	Touch Right_LTE FDD 4_20MHz 1RB Low_CH20050
017	Touch Right_LTE FDD 4_20MHz 1RB Mid_CH20300
018	Back of EUT-Body-Worn_LTE FDD 4_20MHz 1RB Mid_CH20175
019	Front of EUT-Body-Worn_LTE FDD 5_10MHz 1RB Mid_CH20525
020	Front of EUT-Body-Worn_LTE FDD 17_10MHz_1RB_Mid_CH23790
021	Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
022	Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
023	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH48
024	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
025	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH52
026	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
027	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH136
028	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH124
029	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH157
030	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
031	Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

001: Touch Left_GSM850_Voice_CH190

Date: 08/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = -0.053 dB

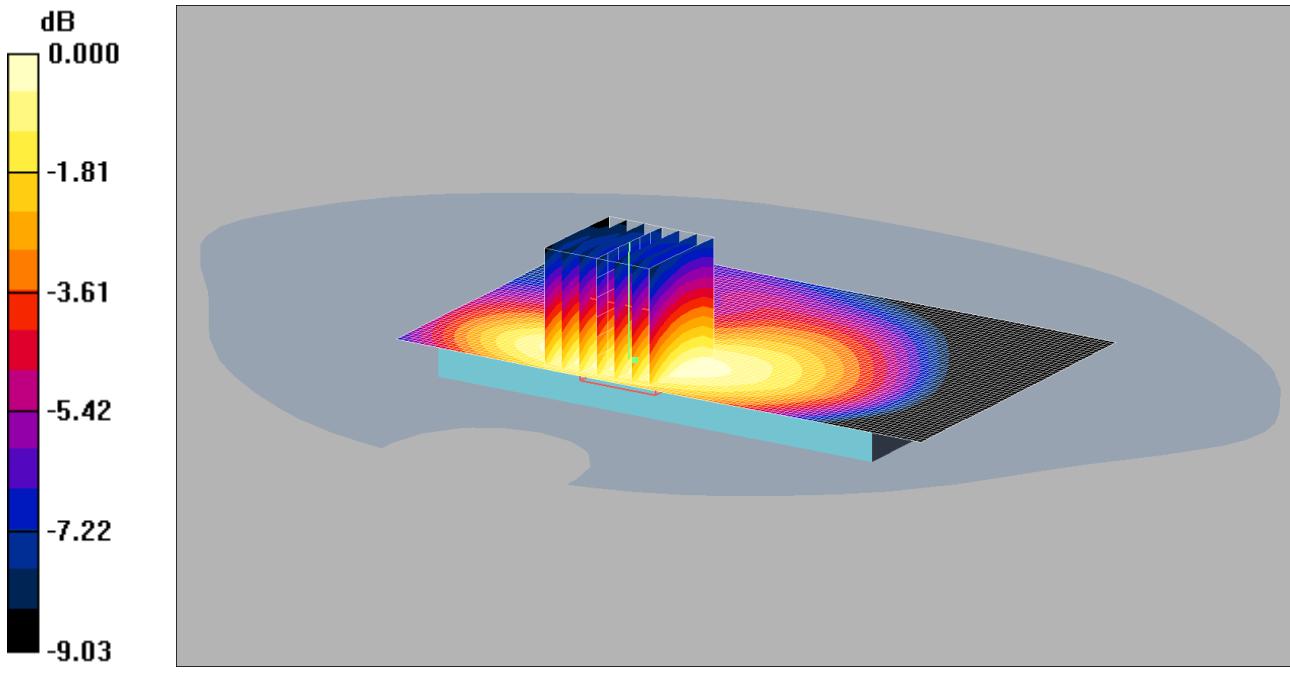
Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.129 mW/g

002: Back of EUT-Body-Worn_GSM850_Voice_CH190

Date: 08/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.046mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.046 mW/g

Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.019 dB

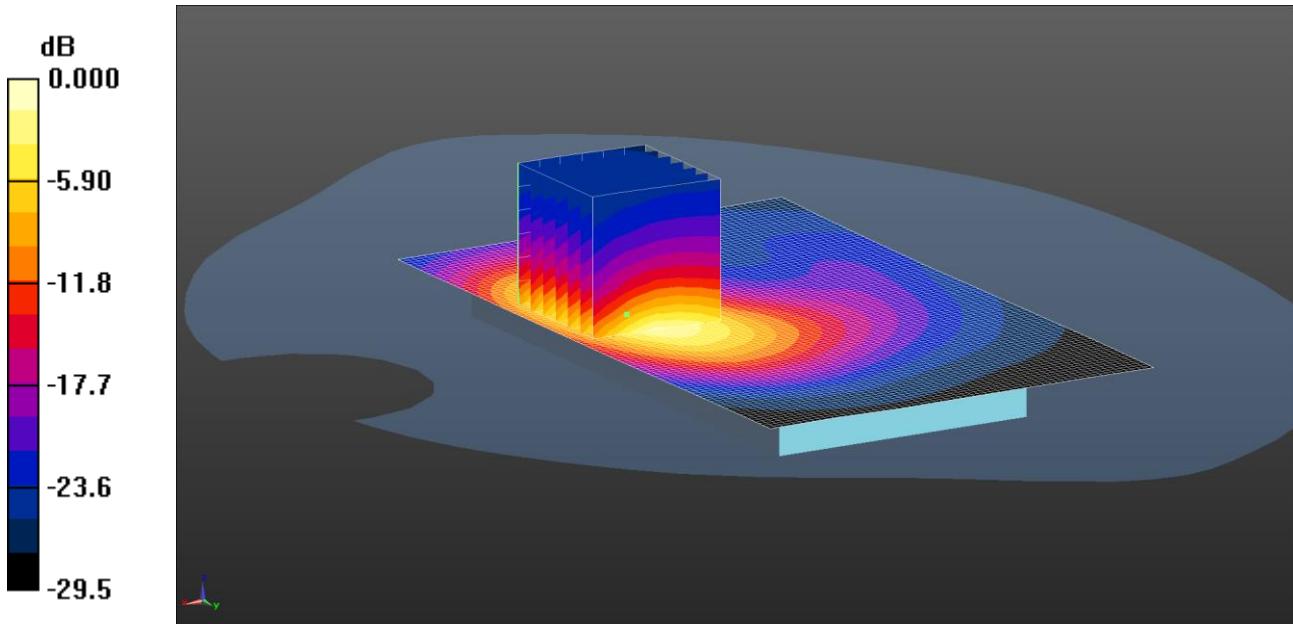
Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.046 mW/g

003: Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251

Date: 08/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 1.02 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.048 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.13 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.061 W/kg

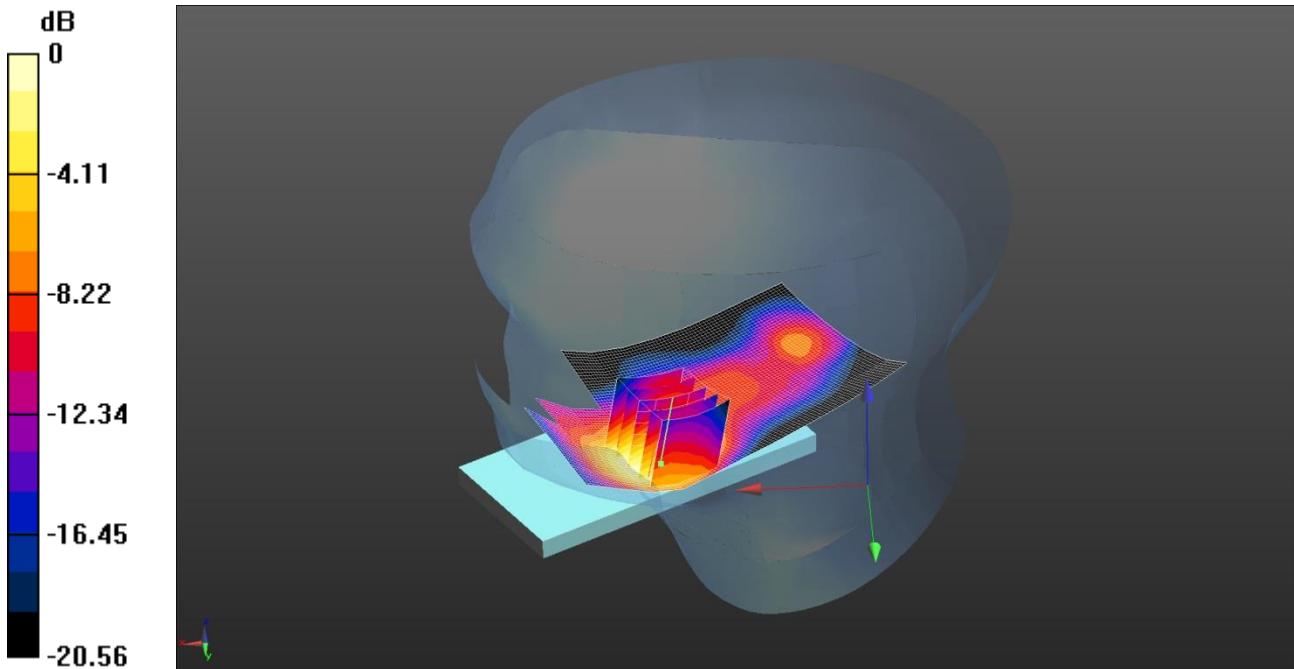
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.050 mW/g

Note: SAR level measured is very low, equivalent to noise floor.

004: Touch Right_PCS1900_Voice_CH512

Date: 15/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.385 \text{ S/m}$; $\epsilon_r = 39.26$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

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

Reference Value = 6.099 V/m; Power Drift = 0.10 dB

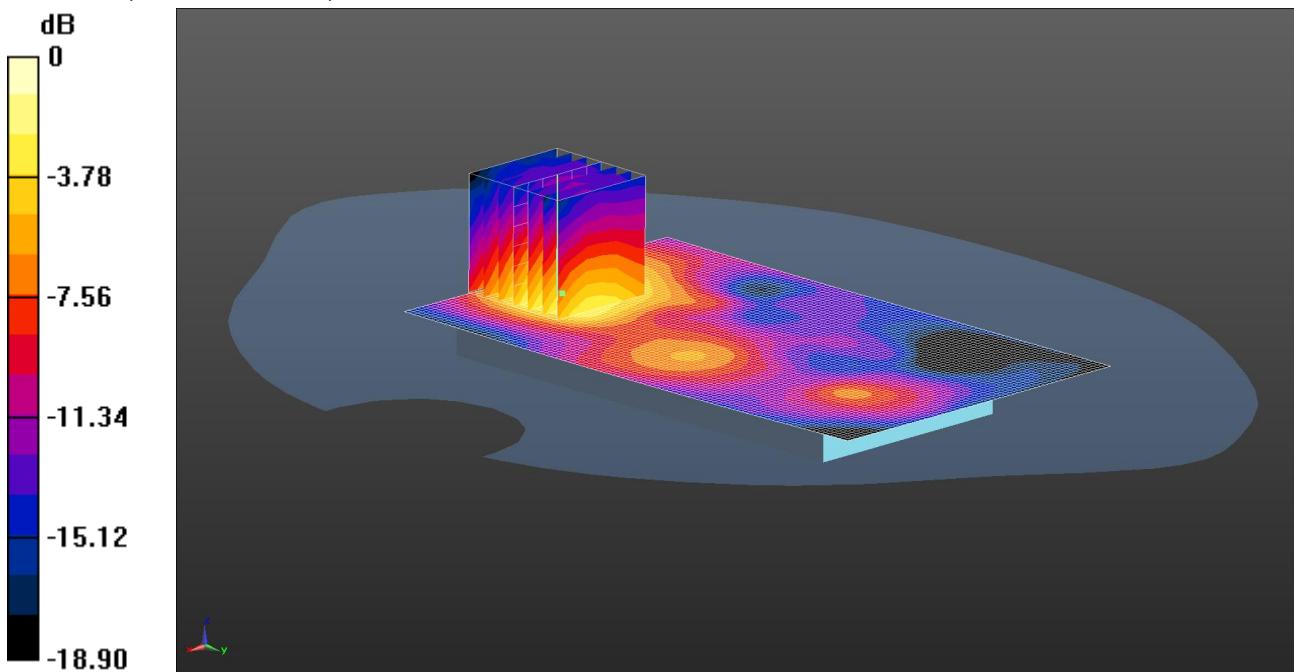
Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.609 W/kg

005: Back of EUT_Body-Worn_PCS1900_Voice_CH661

Date: 16/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.153 \text{ W/kg} = -8.15 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.557 \text{ S/m}$; $\epsilon_r = 54.245$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.147 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.401 V/m; Power Drift = 0.04 dB

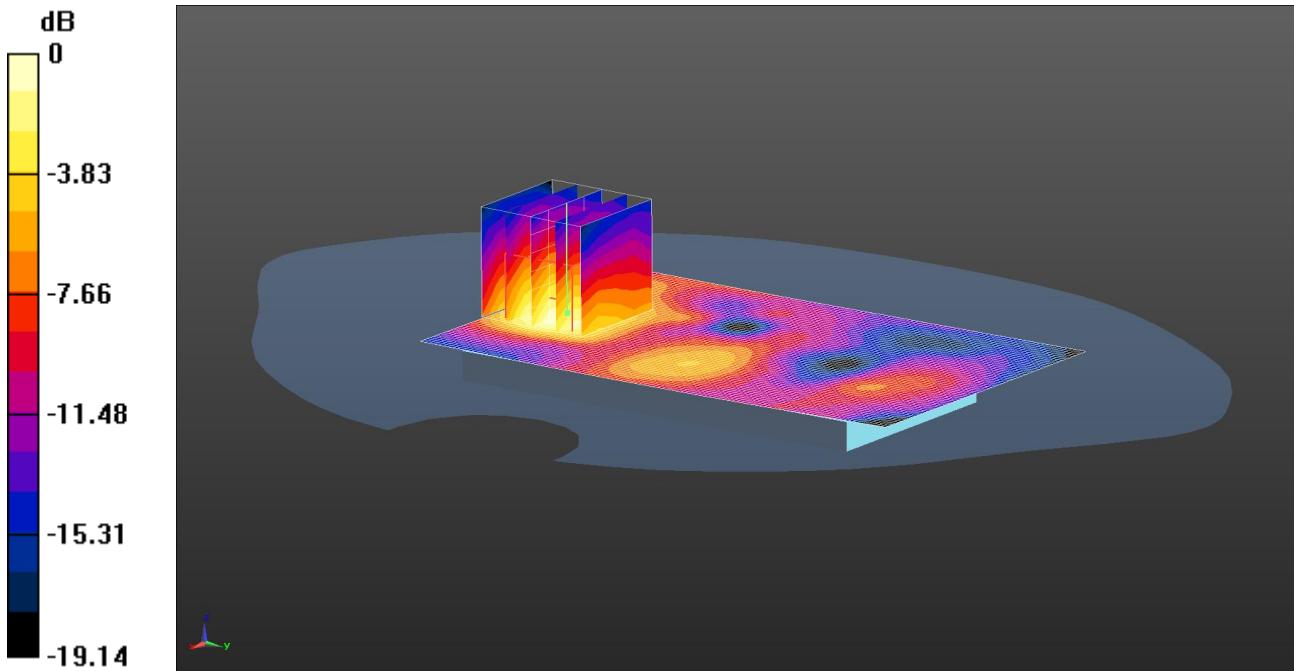
Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.153 W/kg

006: Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH810

Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, GPRS 2Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.585 \text{ S/m}$; $\epsilon_r = 54.123$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.145 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.636 V/m; Power Drift = -0.05 dB

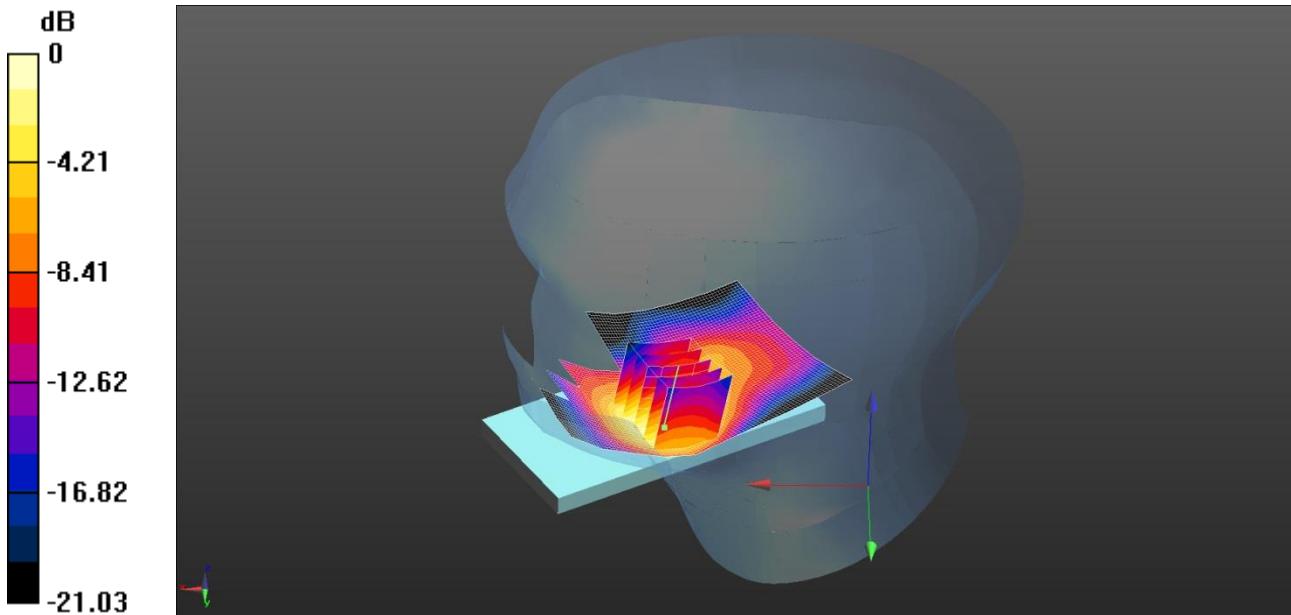
Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.143 W/kg

007: Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262

Date: 14/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 39.25$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.583 W/kg

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

Reference Value = 5.176 V/m; Power Drift = 0.15 dB

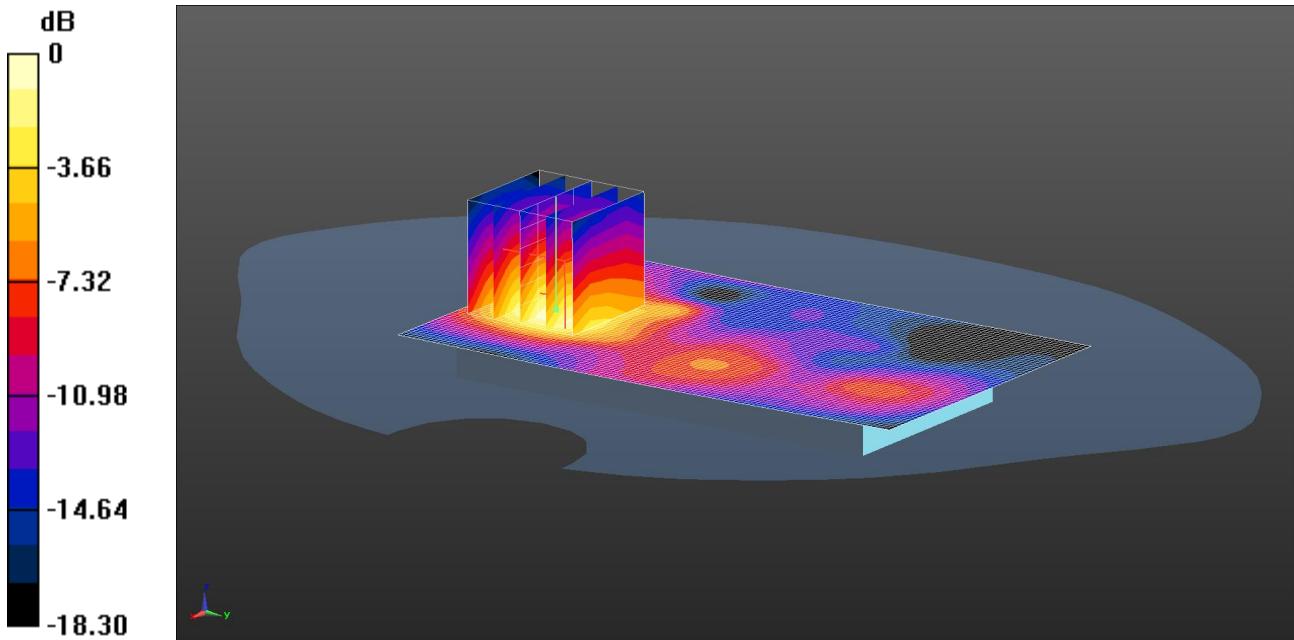
Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.562 W/kg

008: Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
 Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



$$0 \text{ dB} = 0.313 \text{ W/kg} = -5.04 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.557 \text{ S/m}$; $\epsilon_r = 54.245$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.307 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.251 V/m; Power Drift = 0.13 dB

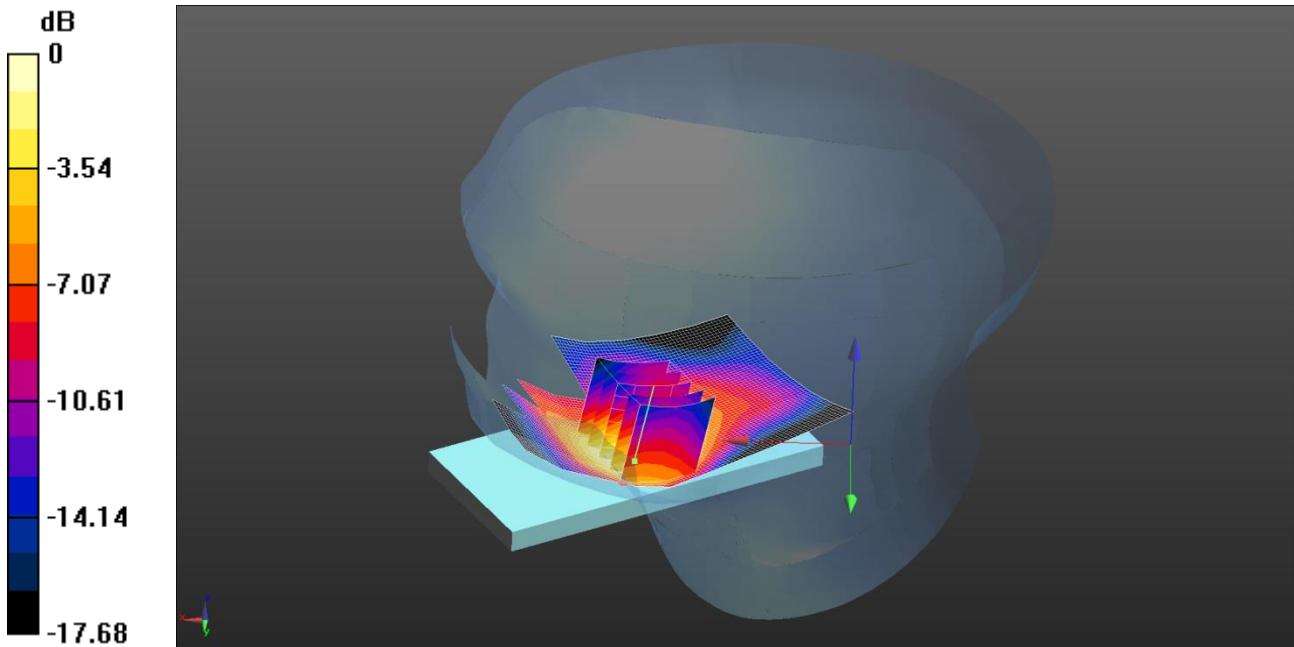
Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.313 W/kg

009: Touch Right_UMTS FDD 4_RMC 12.2kbps_CH1413

Date: 13/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.697 \text{ W/kg} = -1.57 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1732.6 \text{ MHz}$; $\sigma = 1.312 \text{ S/m}$; $\epsilon_r = 40.141$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.749 W/kg

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

Reference Value = 4.866 V/m; Power Drift = 0.20 dB

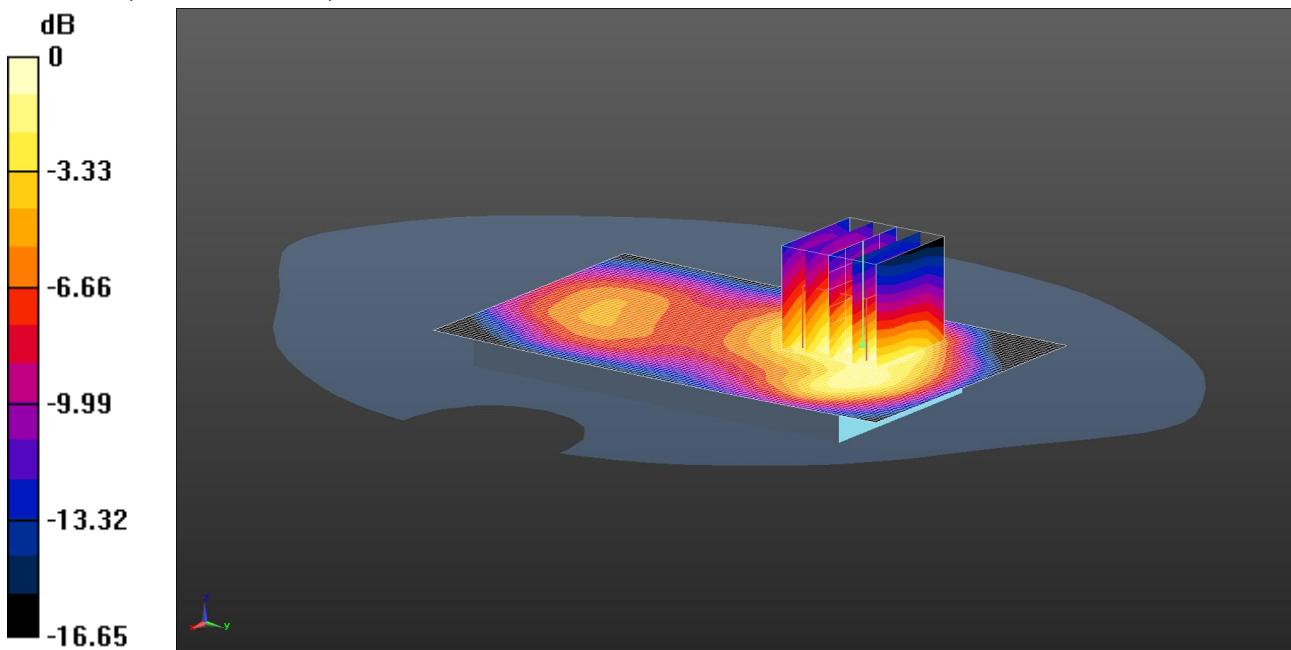
Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 0.697 W/kg

010: Front of EUT-Body-Worn_UMTS FDD 4_RMC 12.2kbps_CH1413

Date: 14/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, UMTS-FDD IV; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.149$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/Front of the EUT Facing the Phantom - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

SAR/Front of the EUT Facing the Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.202 V/m; Power Drift = -0.01 dB

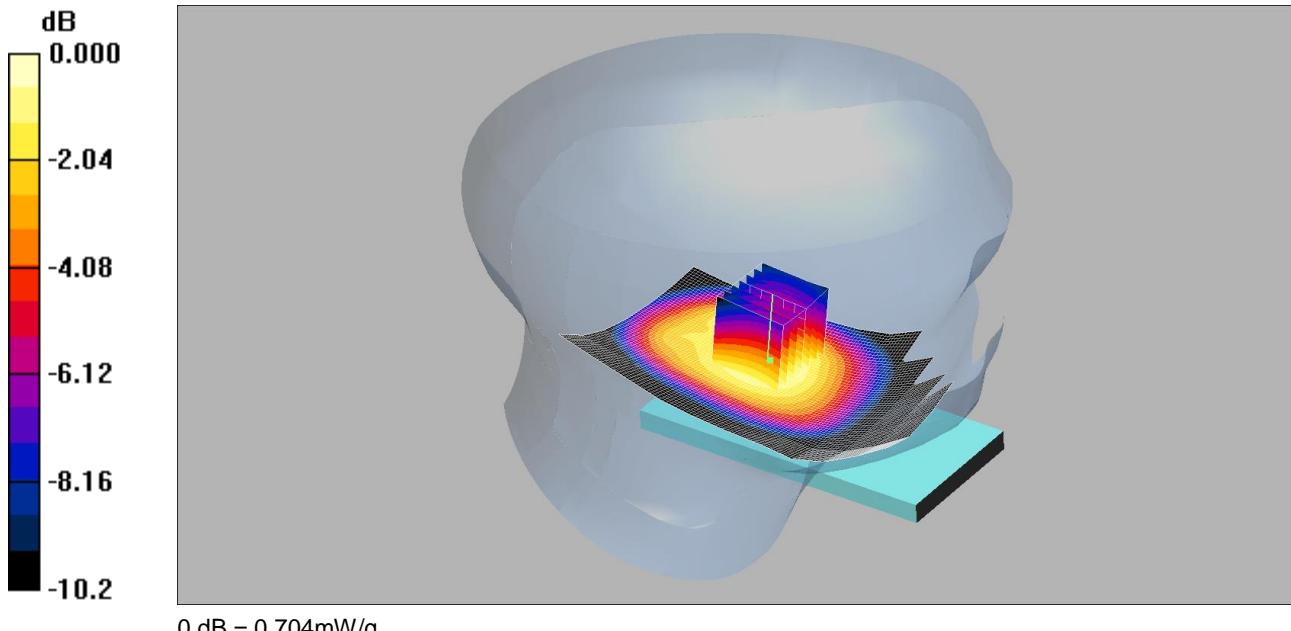
Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 0.500 W/kg

011: Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4233

Date: 31/03/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.704mW/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; $\sigma = 0.896$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.713 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.020 dB

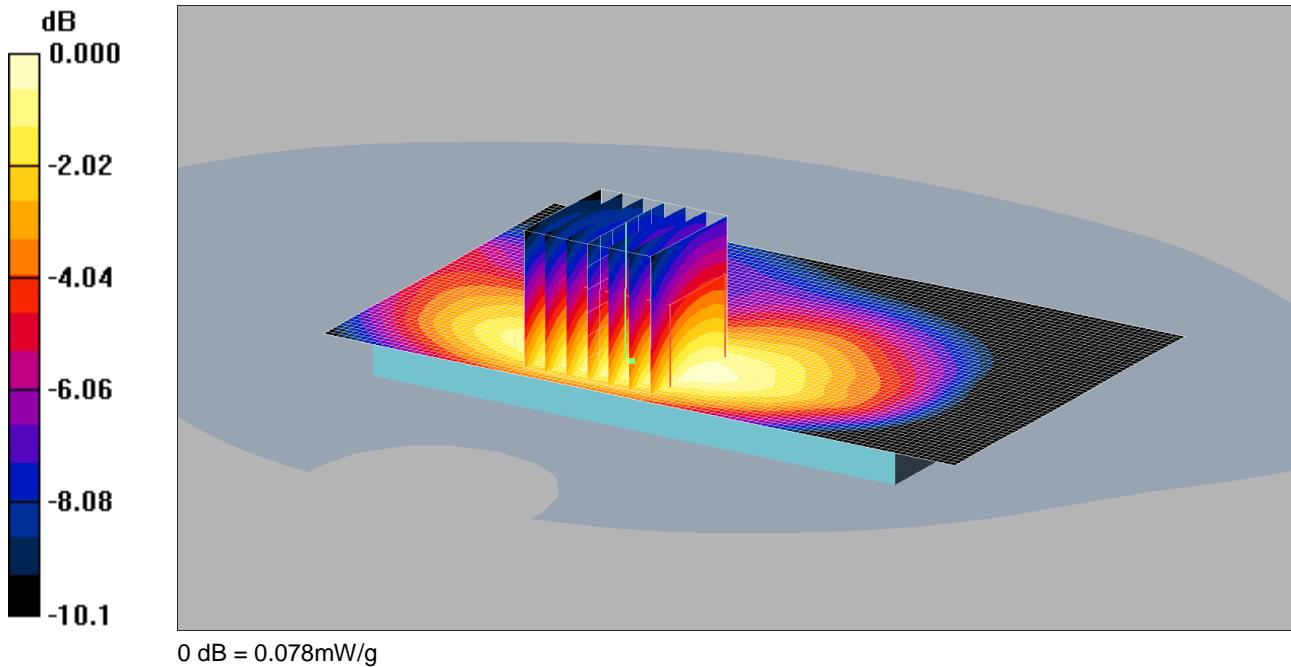
Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 0.704 mW/g

012: Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233

Date: 01/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.079 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.48 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.096 W/kg

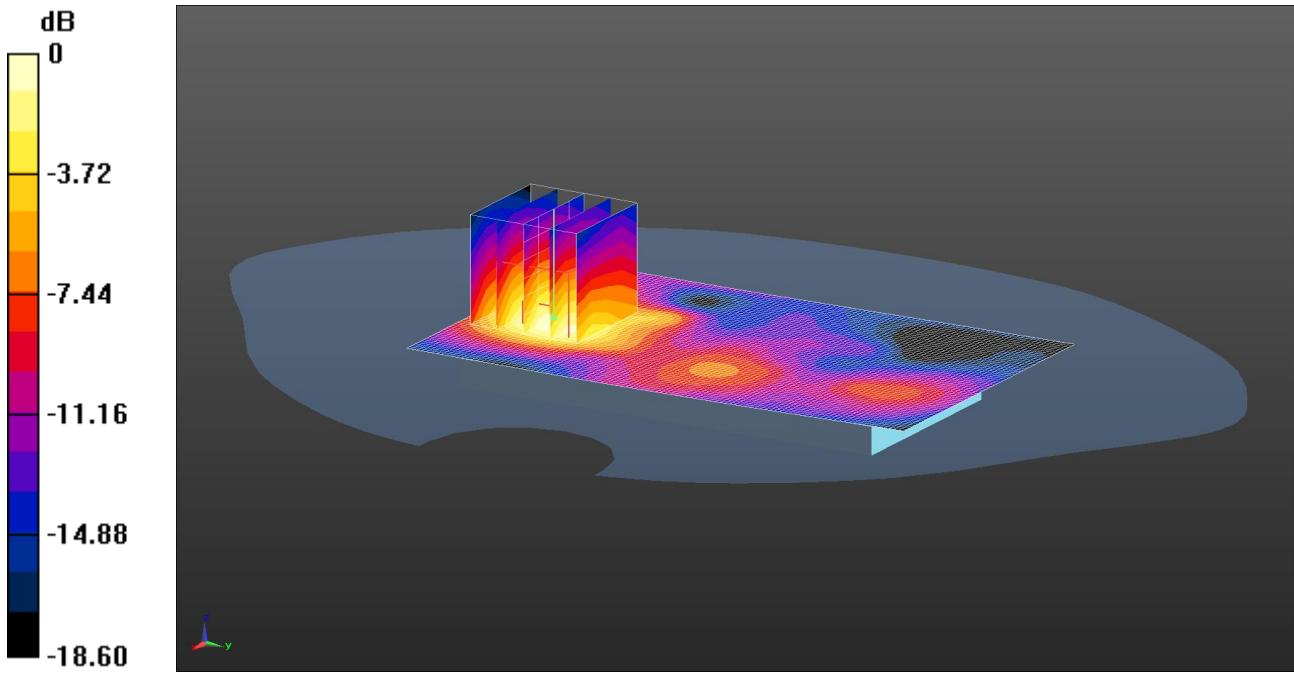
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.078 mW/g

Note: SAR level measured is very low, equivalent to noise floor.

013: Back of EUT_Body-Worn_LTE FDD 2_20MHz 1RB Mid_CH18900
 Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



$$0 \text{ dB} = 0.344 \text{ W/kg} = -4.63 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.557 \text{ S/m}$; $\epsilon_r = 54.245$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.350 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.542 V/m; Power Drift = 0.13 dB

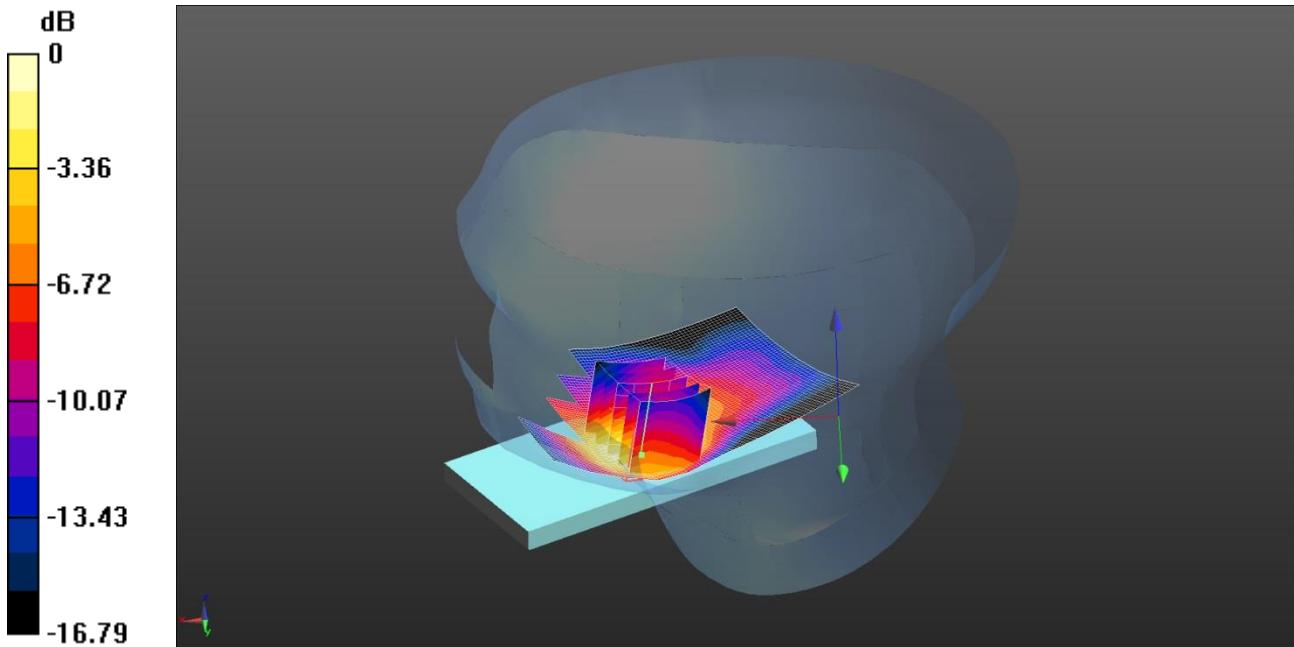
Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.344 W/kg

014: Touch Right_LTE FDD 4_20MHz 1RB High_CH20050

Date: 13/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.683 \text{ W/kg} = -1.66 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720 \text{ MHz}$; $\sigma = 1.299 \text{ S/m}$; $\epsilon_r = 40.191$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

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

Reference Value = 5.340 V/m; Power Drift = 0.09 dB

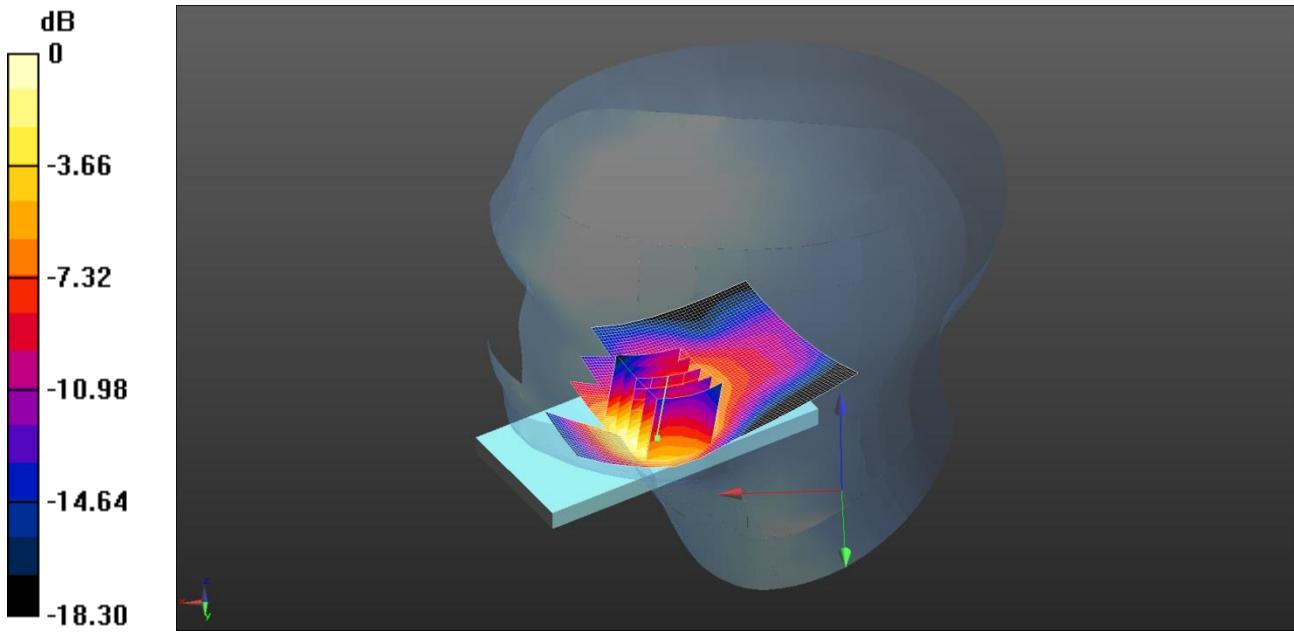
Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 0.683 W/kg

015: Touch Right_LTE FDD 4_20MHz 1RB High_CH20300

Date: 13/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.762 \text{ W/kg} = -1.18 \text{ dBW/kg}$$

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

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.326 \text{ S/m}$; $\epsilon_r = 40.091$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.794 W/kg

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

Reference Value = 6.635 V/m; Power Drift = 0.16 dB

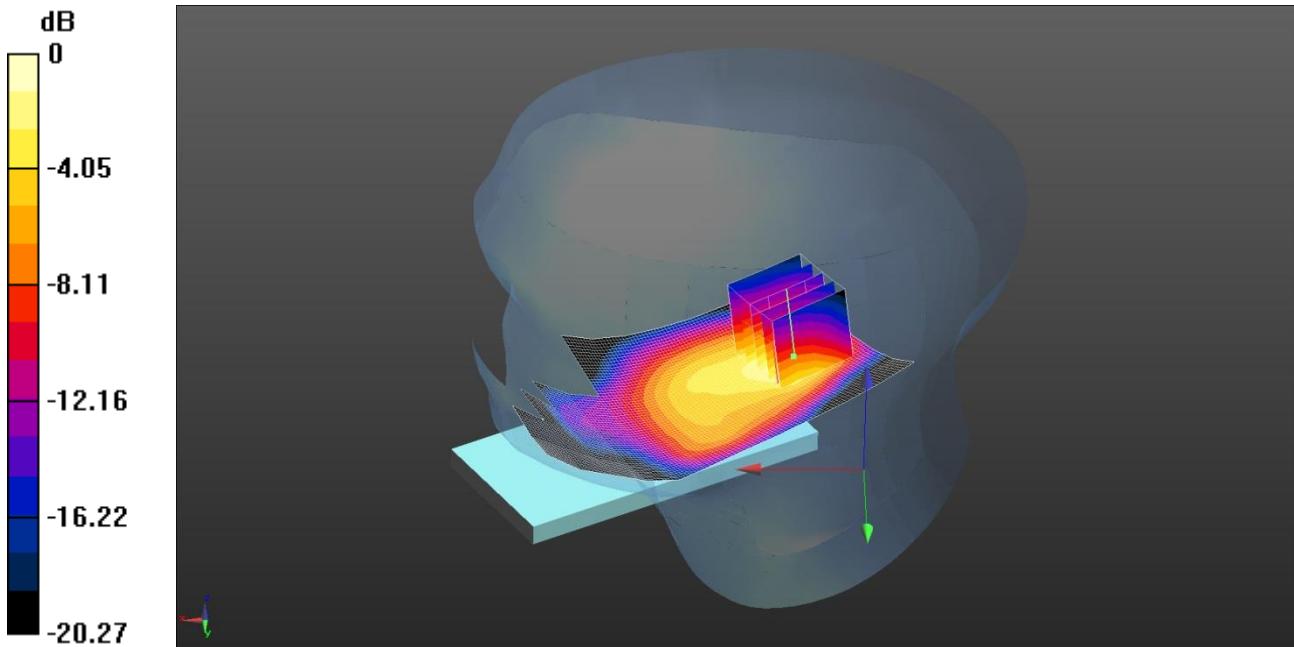
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.762 W/kg

016: Touch Right_LTE FDD 4_20MHz 1RB Low_CH20050

Date: 13/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.540 \text{ W/kg} = -2.68 \text{ dBW/kg}$$

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

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1720 \text{ MHz}$; $\sigma = 1.299 \text{ S/m}$; $\epsilon_r = 40.191$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.473 V/m; Power Drift = -0.01 dB

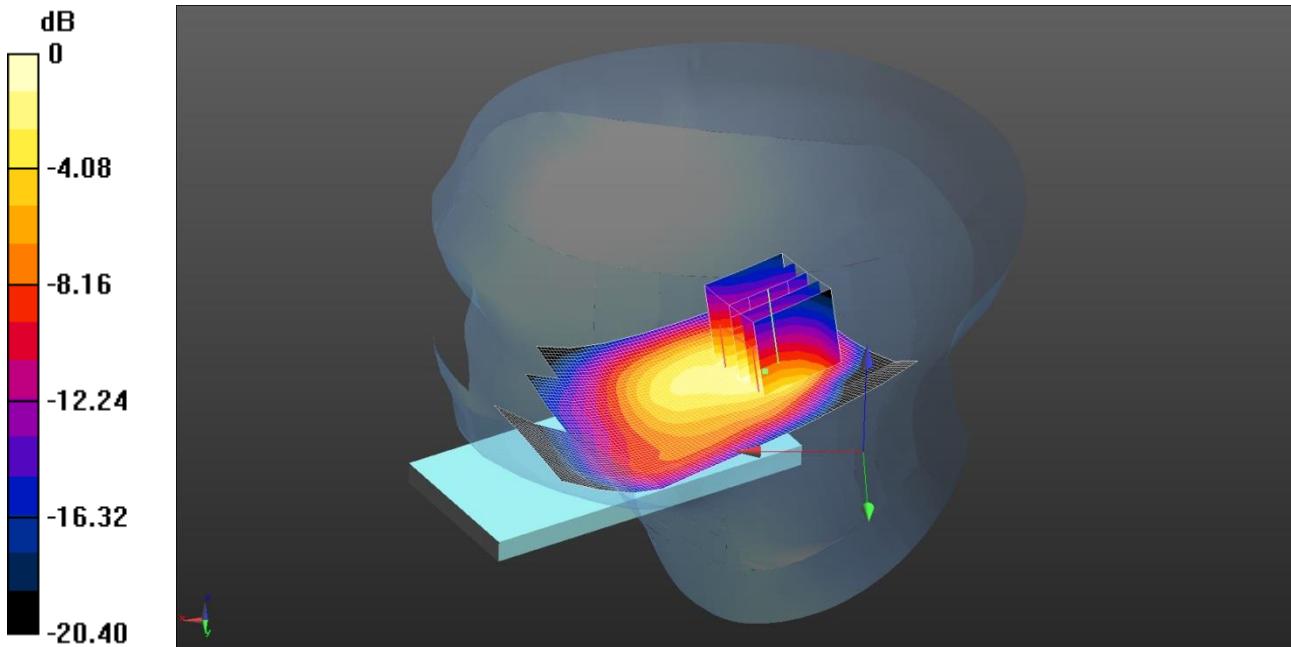
Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.540 W/kg

017: Touch Right_LTE FDD 4_20MHz 1RB Mid_CH20300

Date: 13/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.531 \text{ W/kg} = -2.75 \text{ dBW/kg}$$

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

Medium: 1800 MHz HSL Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.326 \text{ S/m}$; $\epsilon_r = 40.091$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

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

Reference Value = 19.715 V/m; Power Drift = -0.03 dB

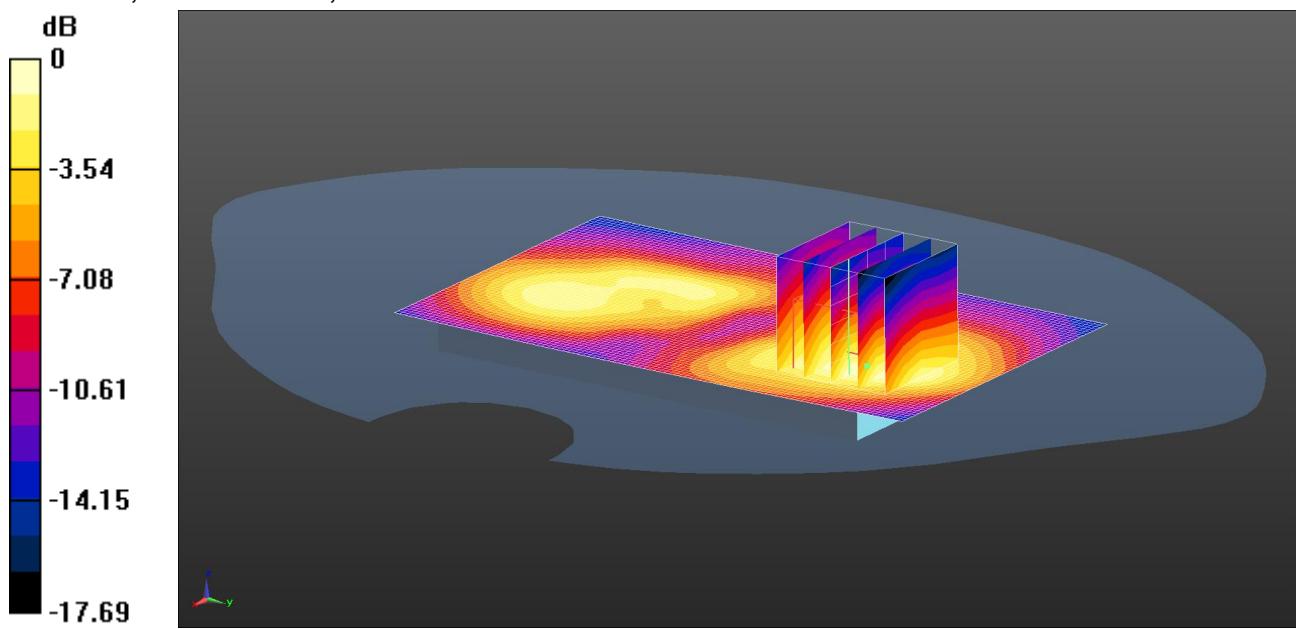
Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.531 W/kg

018: Back of EUT-Body-Worn_LTE FDD 4_20MHz 1RB Mid_CH20175

Date: 14/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.224 W/kg = -6.50 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium: 1800 MHz MSL Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.149$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/Back of the EUT Facing the Phantom - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.234 W/kg

SAR/Back of the EUT Facing the Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.415 V/m; Power Drift = 0.07 dB

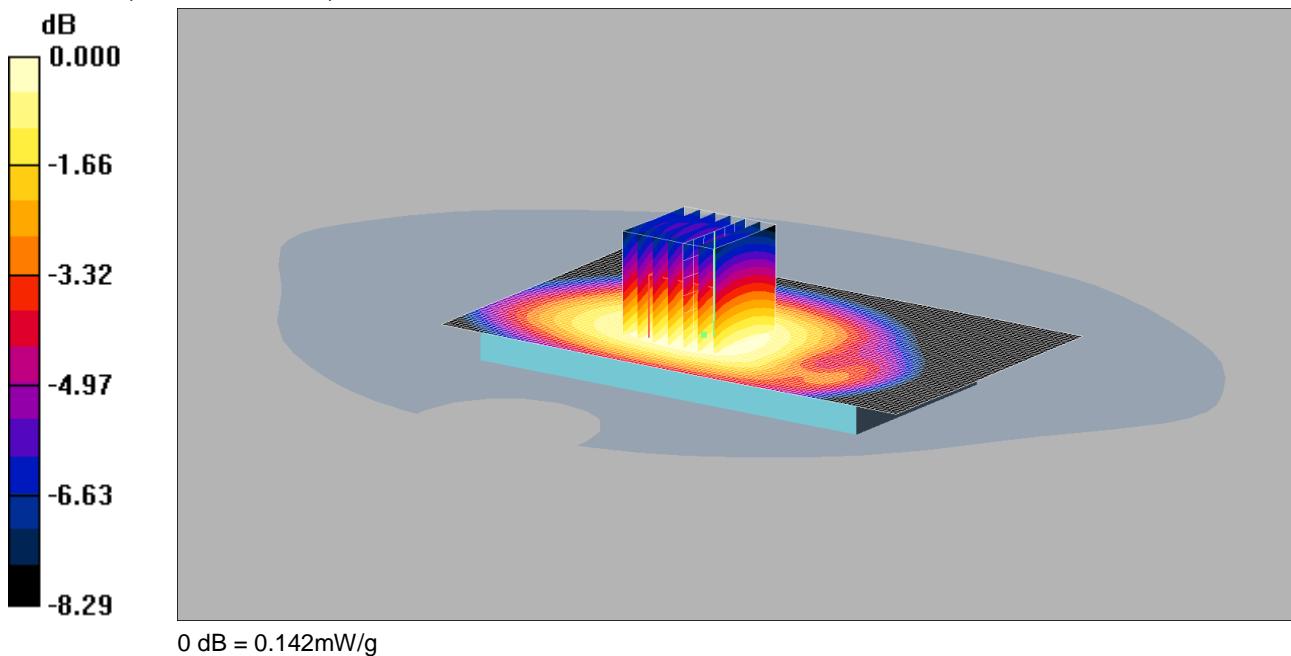
Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.224 W/kg

019: Front of EUT-Body-Worn_LTE FDD 5_10MHz 1RB Mid_CH20525

Date: 08/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Front of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.026 dB

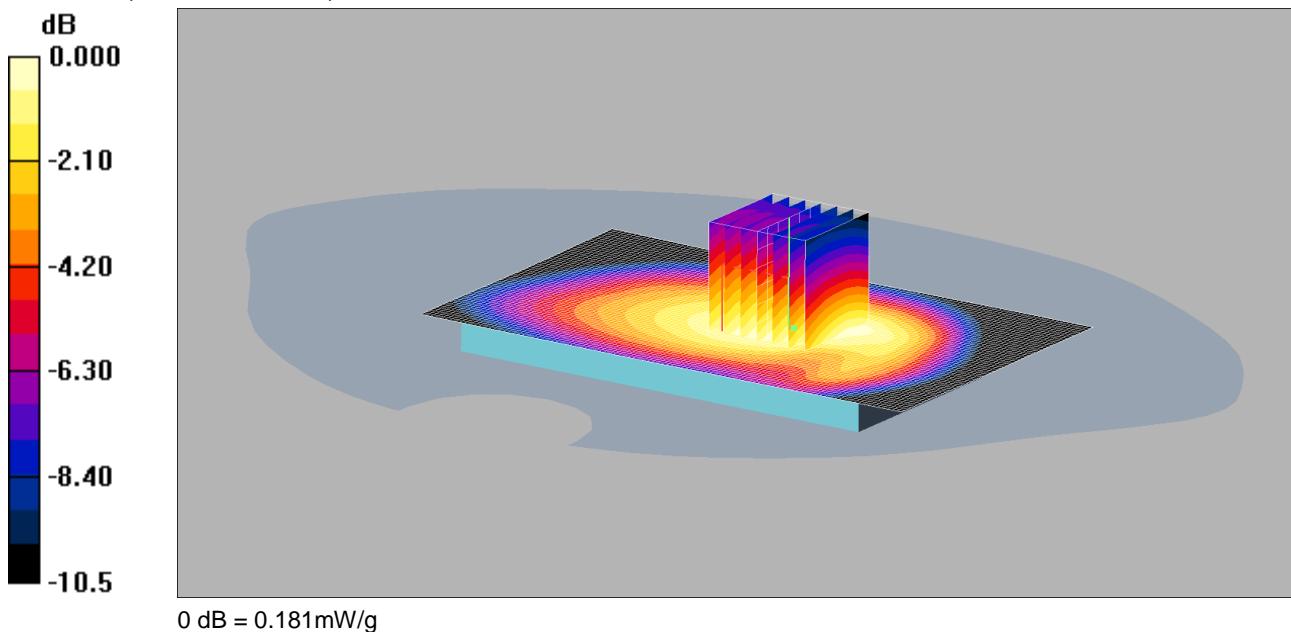
Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.104 mW/g

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

020: Front of EUT-Body-Worn_LTE FDD 17_10MHz_1RB_Mid_CH23790

Date: 09/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 750/900 MHz MSL Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Front of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.001 dB

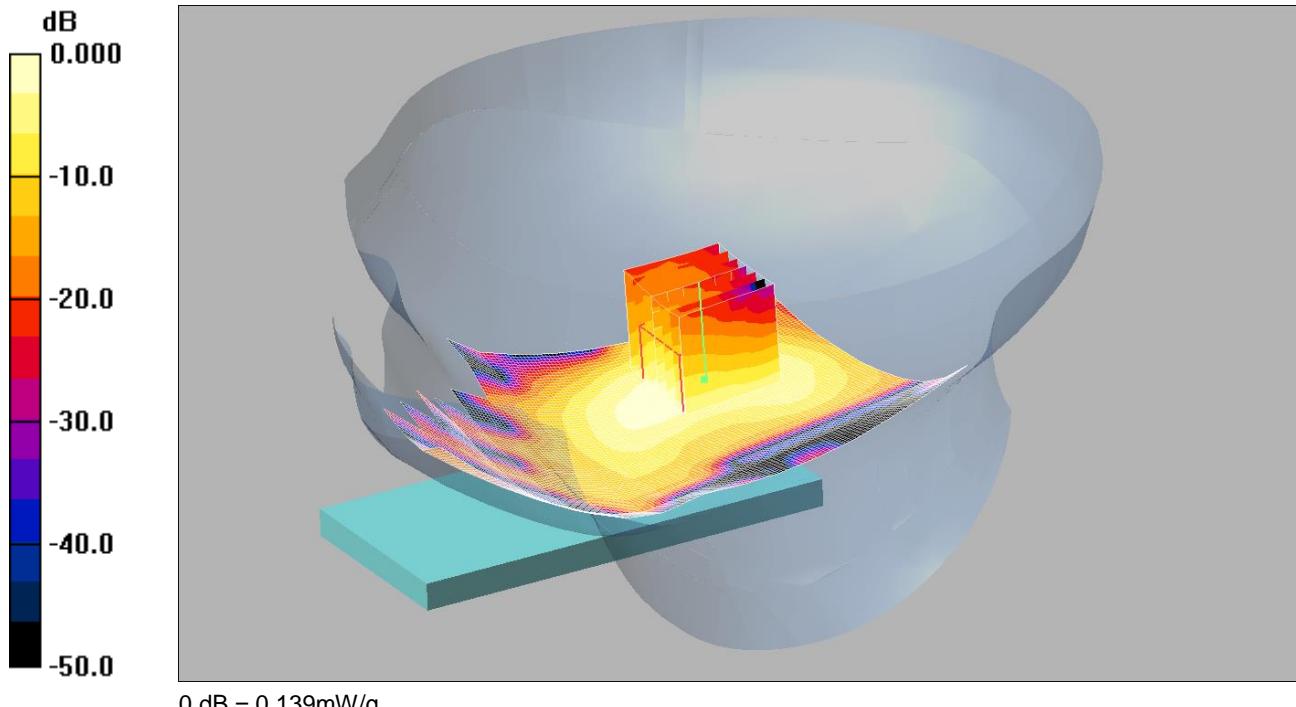
Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.123 mW/g

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

021: Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6

Date: 15/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- 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

Touch Right - Middle/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.145 mW/g

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

Reference Value = 6.97 V/m; Power Drift = 0.031 dB

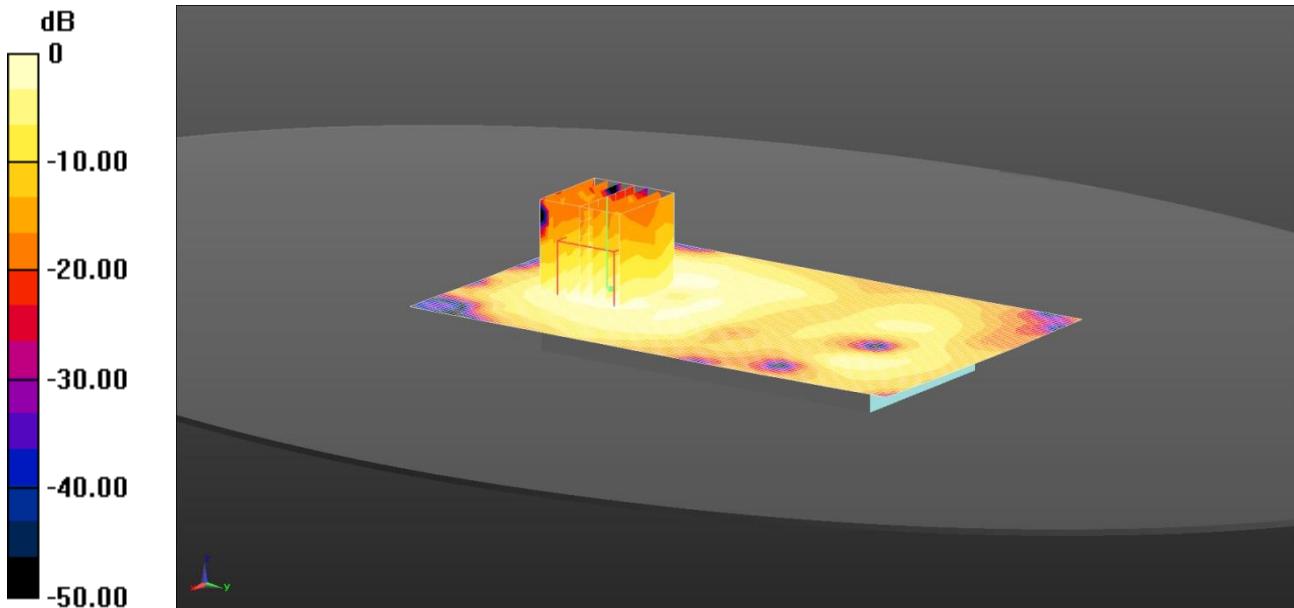
Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.139 mW/g

022: Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6

Date: 10/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 52.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0314 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.167 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0700 W/kg

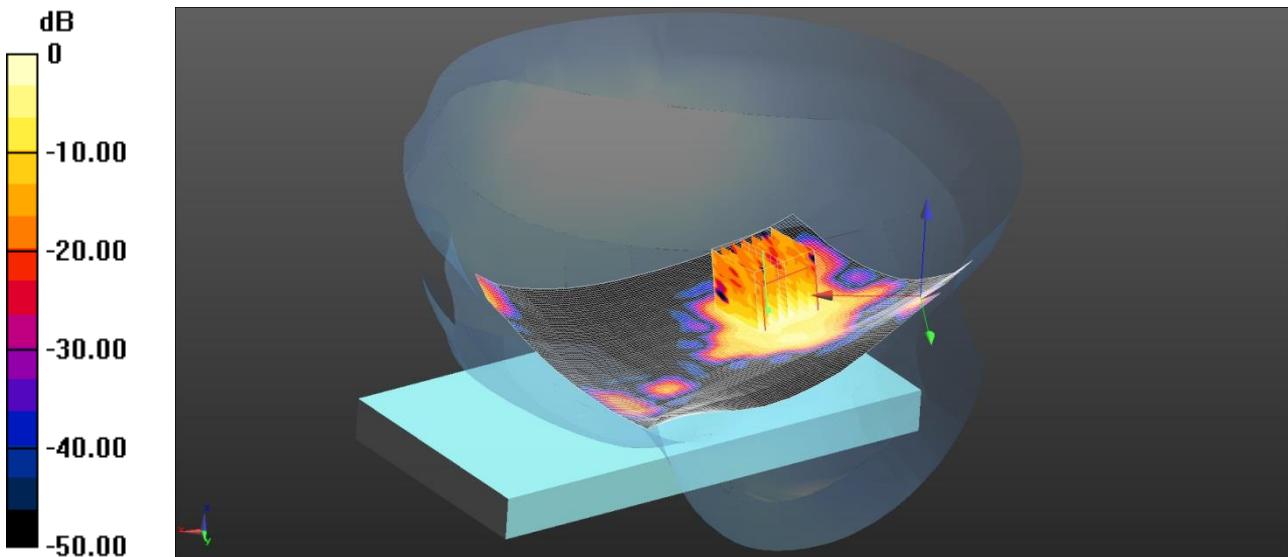
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0346 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

023: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH48

Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.572$ S/m; $\epsilon_r = 34.511$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.820 V/m; Power Drift = 0.16 dB

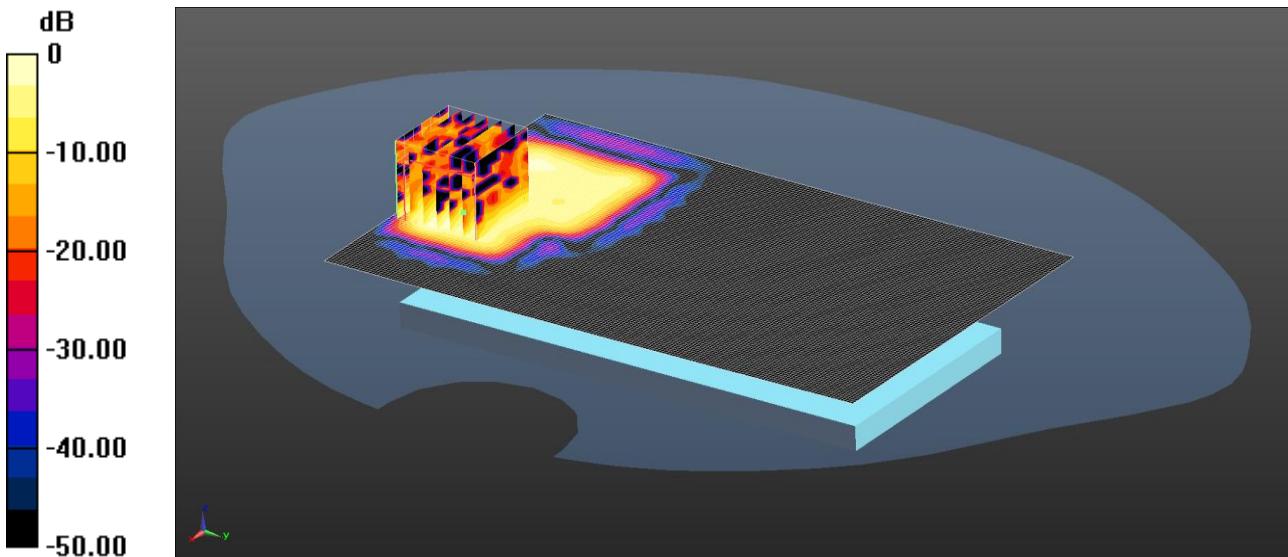
Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.493 W/kg

024: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48

Date: 09/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.107 \text{ W/kg} = -9.71 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5240 \text{ MHz}$; $\sigma = 5.309 \text{ S/m}$; $\epsilon_r = 48.61$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

Configuration/Bottom of EUT Facing Phantom/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.804 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.502 W/kg

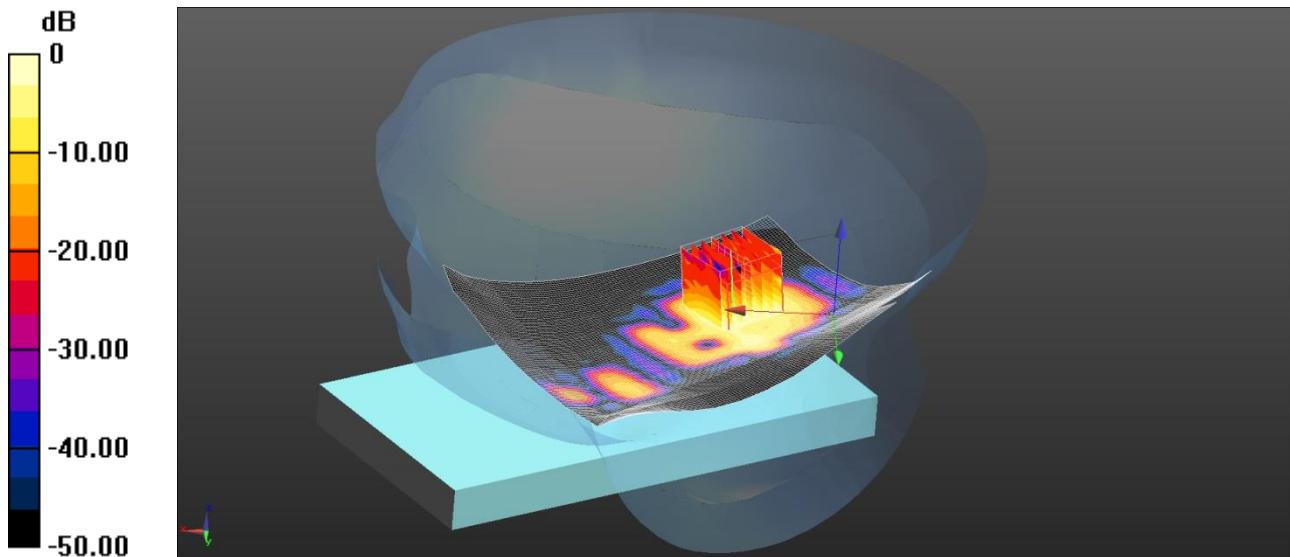
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.026 W/kg

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

Note: SAR level measured is very low, equivalent to noise floor.

025: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH52

Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 4.594$ S/m; $\epsilon_r = 34.48$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.297 V/m; Power Drift = -0.16 dB

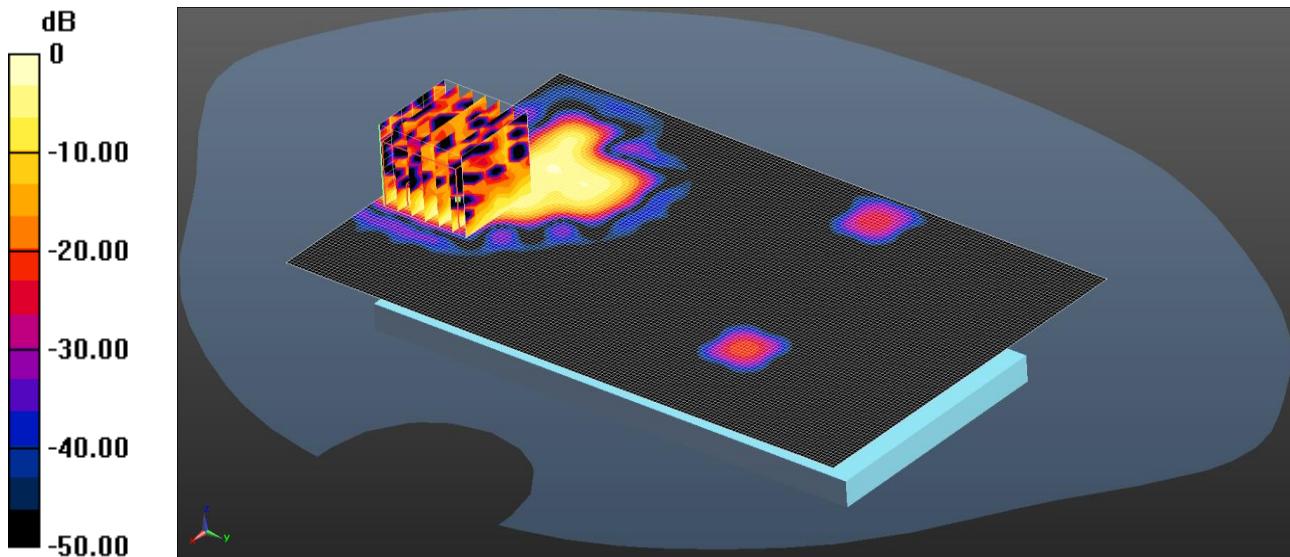
Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.392 W/kg

026: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64

Date: 10/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.433$ S/m; $\epsilon_r = 48.377$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.18, 4.18, 4.18); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.210 W/kg

Configuration/Front of EUT Facing Phantom/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.411 W/kg

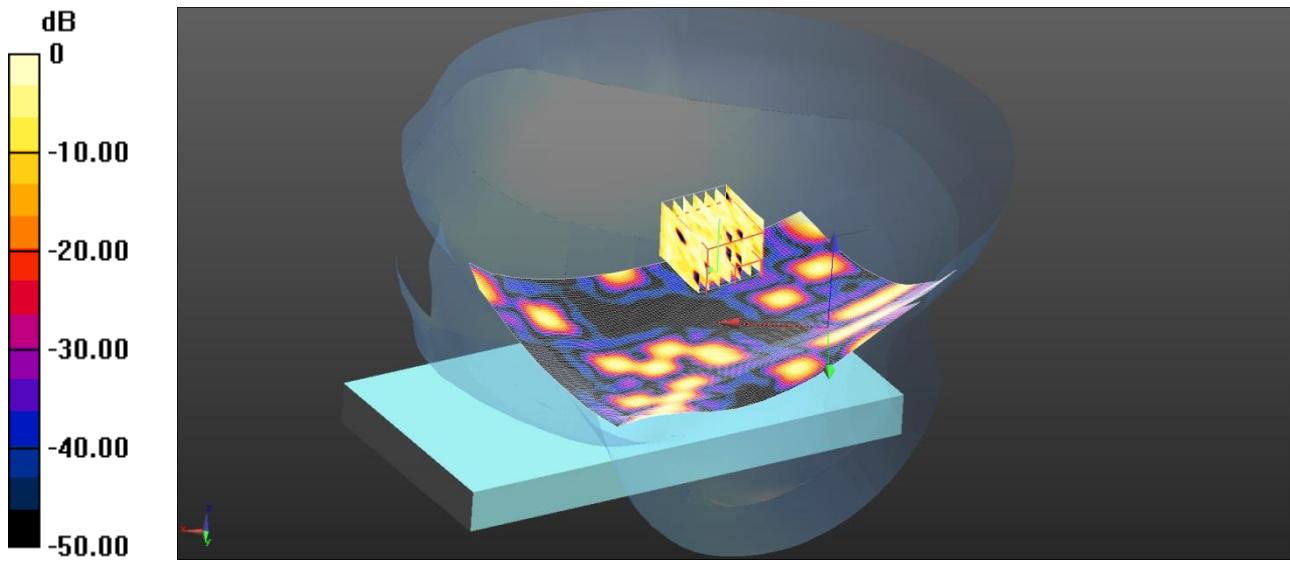
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.104 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

027: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH136

Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5680$ MHz; $\sigma = 5.026$ S/m; $\epsilon_r = 33.896$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0274 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.308 W/kg

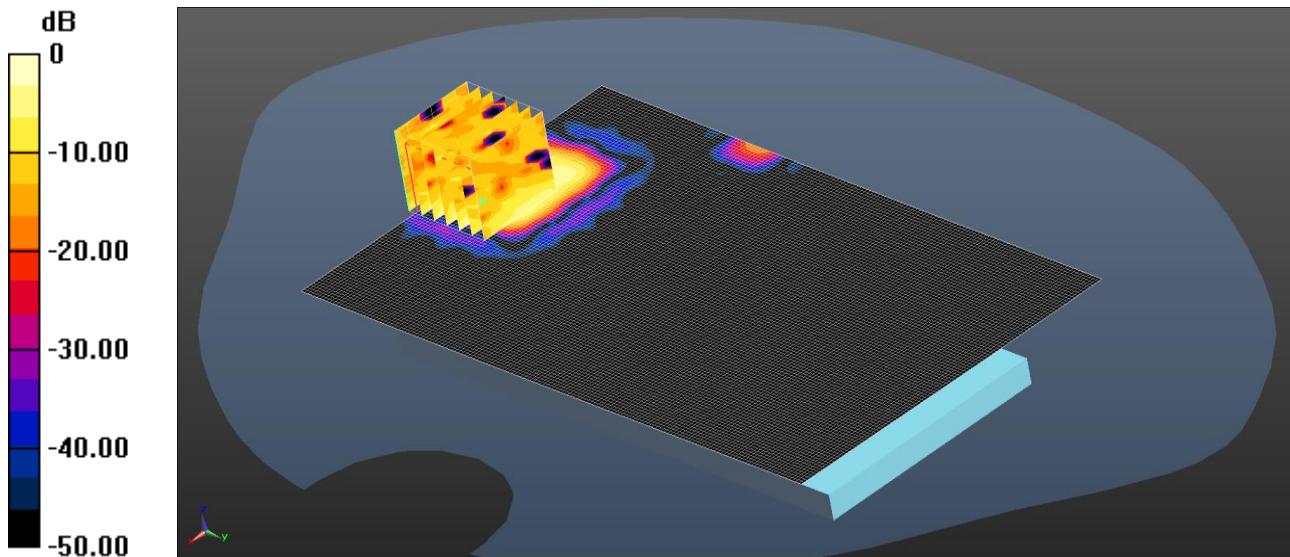
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00604 W/kg

Maximum value of SAR (measured) = 0.0288 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

028: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH124

Date: 14/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.0713 \text{ W/kg} = -11.47 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5620 \text{ MHz}$; $\sigma = 5.921 \text{ S/m}$; $\epsilon_r = 47.376$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0774 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.108 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.01 W/kg

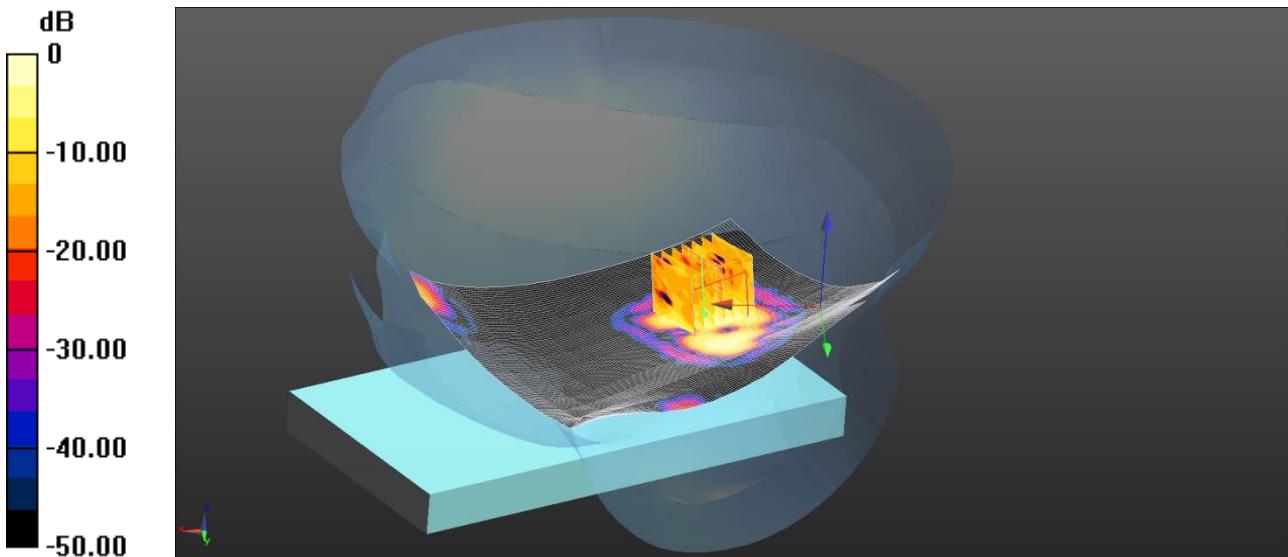
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0713 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

029: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH157

Date: 17/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.134$ S/m; $\epsilon_r = 33.784$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.422 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.912 V/m; Power Drift = 0.14 dB

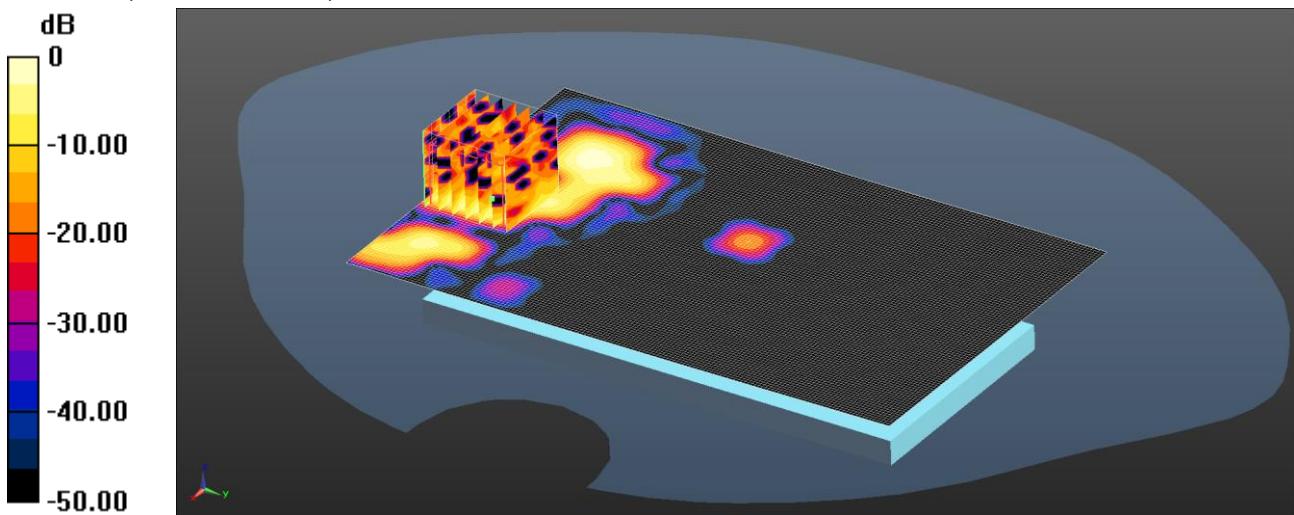
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.457 W/kg

030: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149

Date: 16/04/15

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.121 \text{ W/kg} = -9.17 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 6.122 \text{ S/m}$; $\epsilon_r = 47.066$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.307 W/kg**Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.5480 V/m; Power Drift = -3.85 dB

Peak SAR (extrapolated) = 0.662 W/kg

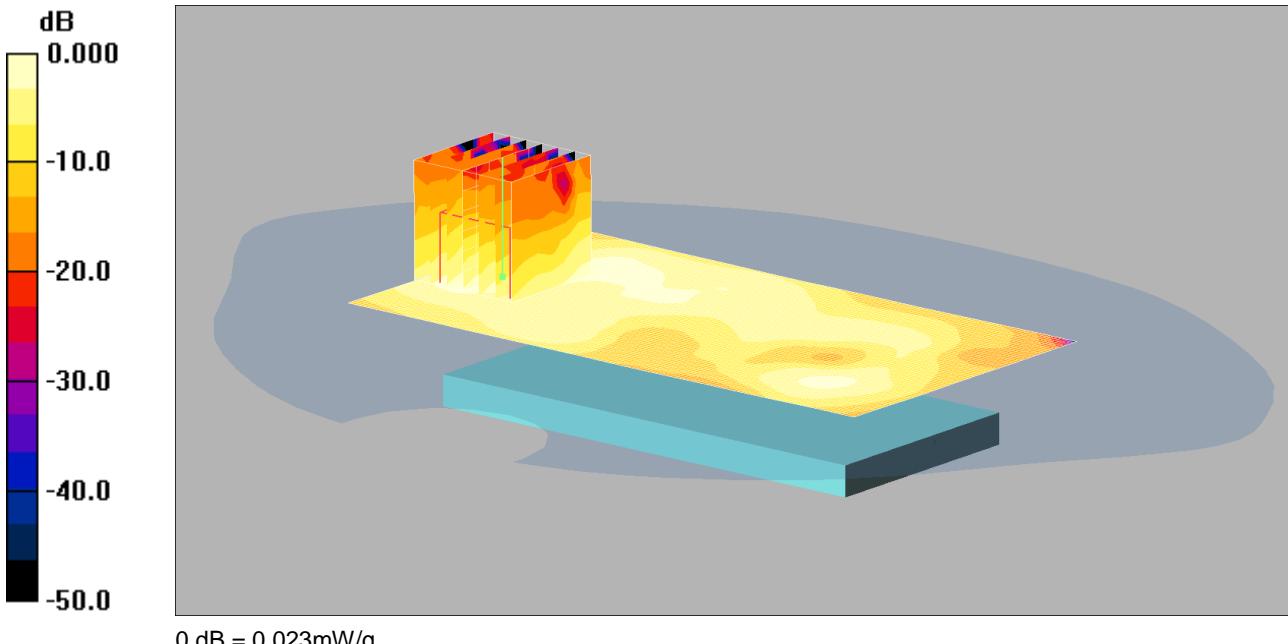
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.030 W/kg

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

Note: SAR level measured is very low, equivalent to noise floor.

031: Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

Date: 29/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back - Middle/Area Scan (71x131x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 1.58 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.0088 mW/g

Maximum value of SAR (measured) = 0.023 mW/g

Note: SAR level measured is very low, equivalent to noise floor.

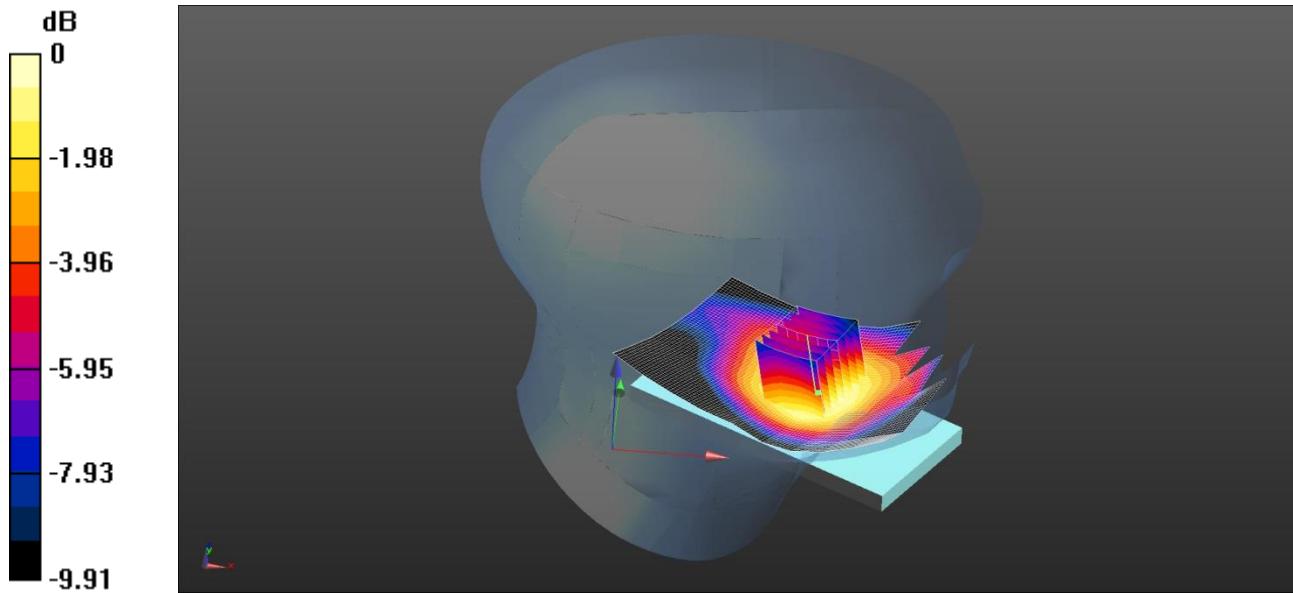
12.4. SAR Test Plots – A1429

This appendix contains the following SAR distribution scans.

Scan Reference Number	Title
001	Touch Left_GSM850_Voice_CH190
002	Back of EUT-Body-Worn_GSM850_Voice_CH251
003	Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
004	Touch Right_PCS1900_Voice_CH810
005	Back of EUT_Body-Worn_PCS1900_Voice_CH810
006	Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH512
007	Touch Right_UTMS FDD 2_RMC 12.2kbps_CH9262
008	Back of EUT_Body-Worn_UTMS FDD 2_RMC 12.2kbps_CH9400
009	Touch Left_UTMS FDD 5_RMC 12.2kbps_CH4132
010	Back of EUT-Body-Worn_UTMS FDD 5_RMC 12.2kbps_CH4233
011	Touch Left_CDMA BC0_1xRTT_CH777
012	Back of EUT-Body-Worn_CDMA BC0_1xRTT_CH777
013	Back of EUT-Body-Worn_CDMA BC0_1xEVDO Rel 0_CH777
014	Touch Right_CDMA BC1_1xRTT_CH600
015	Back of EUT_Body-Worn_CDMA BC1_1xRTT_CH600
016	Back of EUT_Body-Worn_CDMA BC1_1xEVDO Rel 0_CH600
017	Touch Left_CDMA BC10_1xRTT_CH684
018	Back of EUT-Body-Worn_CDMA BC10_1xRTT_CH684
019	Back of EUT-Body-Worn_CDMA BC10_1xEVDO Rel 0_CH684
020	Back of EUT-Body-Worn_LTE FDD 5_10MHz_1RB_Mid_CH20525
021	Touch Right_LTE FDD 13_10MHz_1RB_Mid_CH23230
022	Back of EUT-Body-Worn_LTE FDD 13_10MHz_1RB_Low_CH23230
023	Back of EUT_Body-Worn_LTE FDD 25_20MHz 1RB Mid_CH26365
024	Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
025	Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
026	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH48
027	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
028	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH52
029	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
030	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH124
031	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH116
032	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH157
033	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
034	Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

001: Touch Left_GSM850_Voice_CH190

Date: 07/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.0908 \text{ W/kg} = -10.42 \text{ dBW/kg}$$

Communication System: UID 0, GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 41.079$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0876 W/kg

Configuration/Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.050 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.104 W/kg

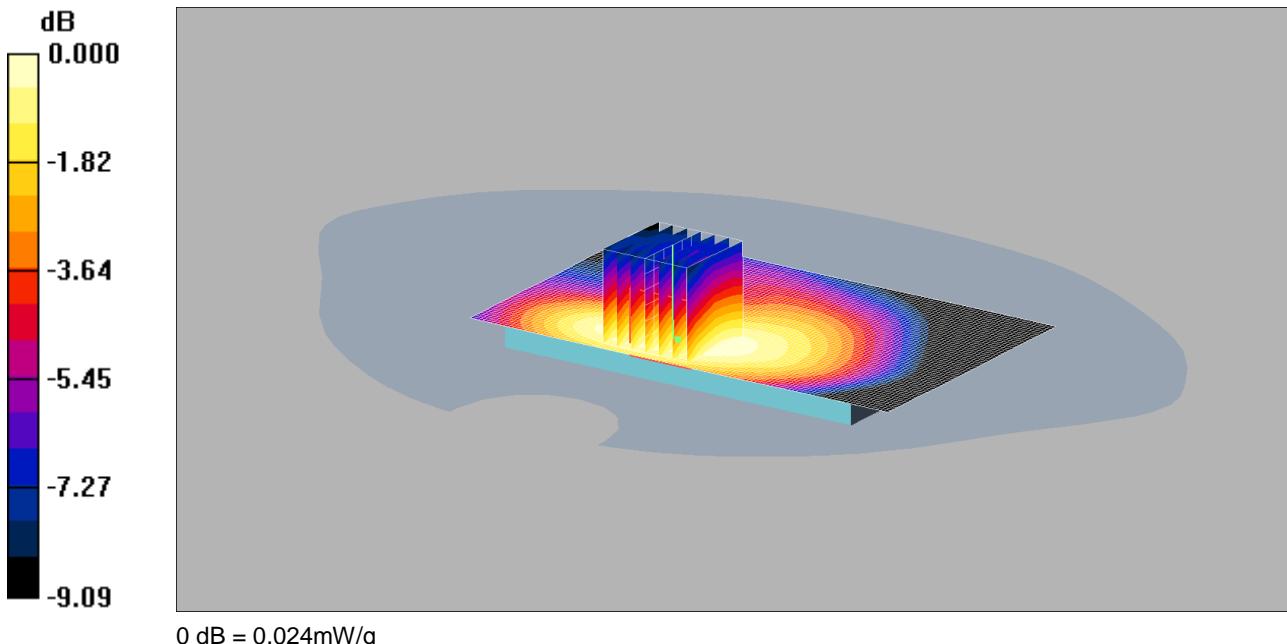
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.0908 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

002: Back of EUT-Body-Worn_GSM850_Voice_CH251

Date: 07/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.78 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.029 W/kg

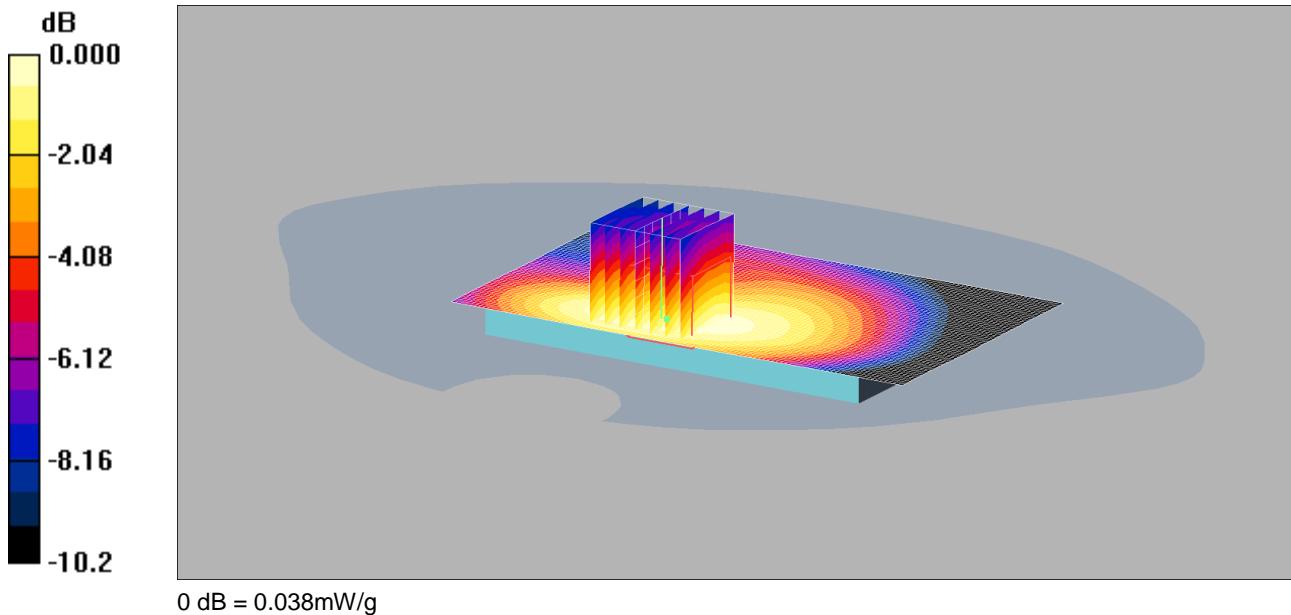
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.024 mW/g

Note: SAR level measured is very low, equivalent to noise floor.

003: Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251

Date: 07/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.038mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 1.02 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.67 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.046 W/kg

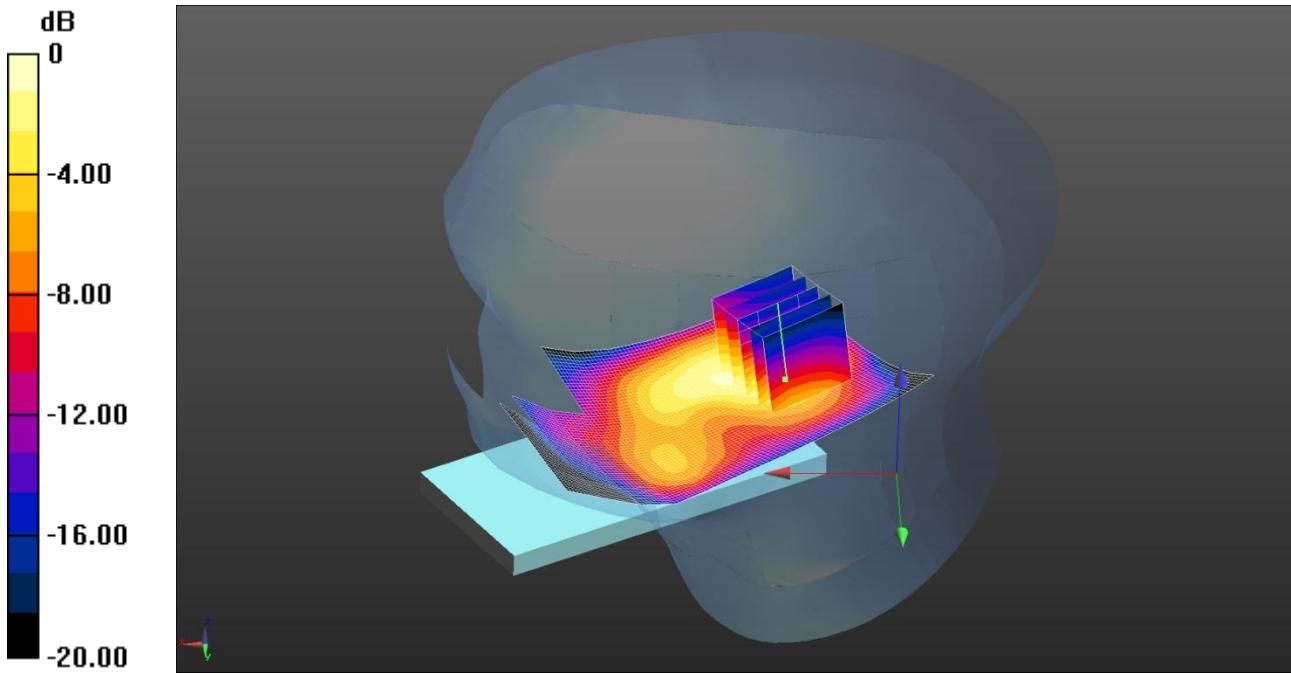
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

004: Touch Right_PCS1900_Voice_CH810

Date: 15/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.439 \text{ S/m}$; $\epsilon_r = 38.985$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

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

Reference Value = 19.752 V/m; Power Drift = -0.00 dB

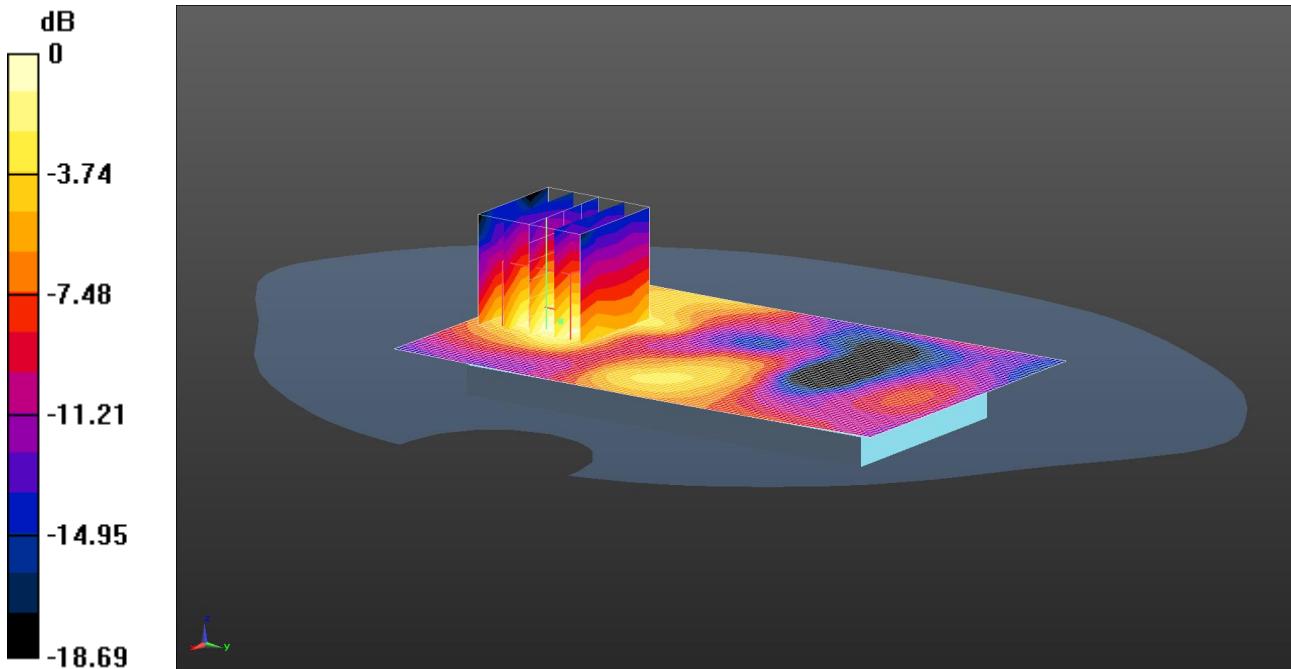
Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.522 W/kg

005: Back of EUT_Body-Worn_PCS1900_Voice_CH810

Date: 16/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.103 \text{ W/kg} = -9.87 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.585 \text{ S/m}$; $\epsilon_r = 54.123$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan 2 (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.387 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.166 W/kg

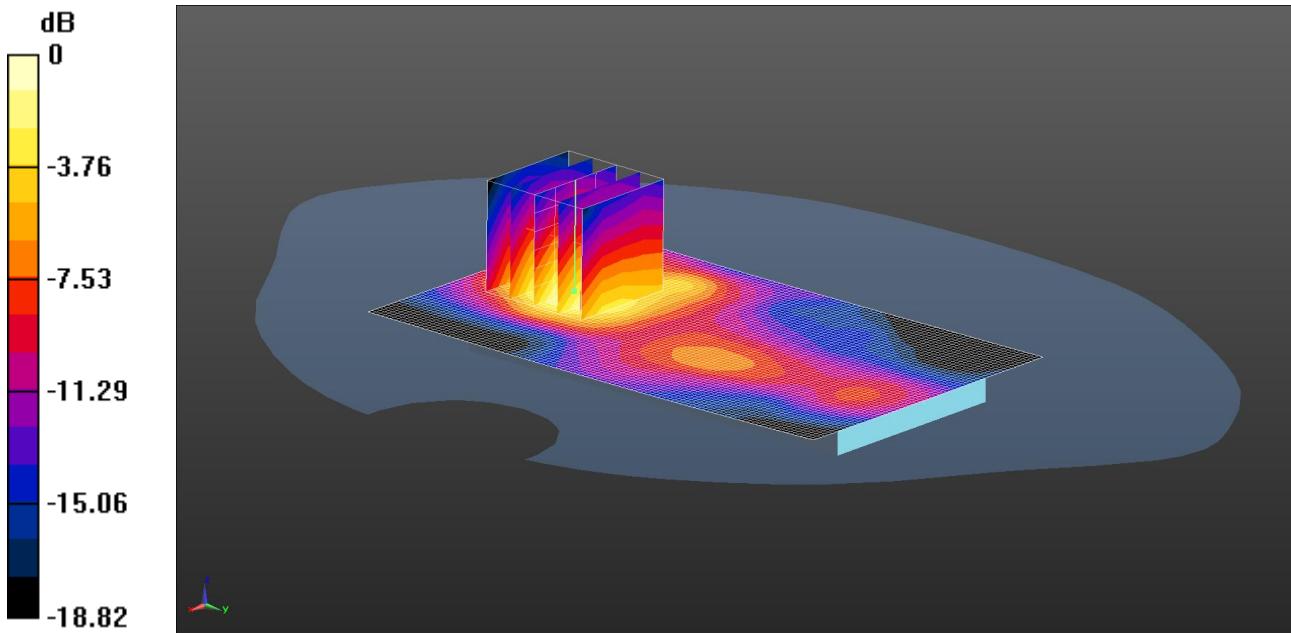
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg

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

Note: SAR level measured is very low, equivalent to noise floor.

006: Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH512

Date: 16/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.276 W/kg = -5.59 dBW/kg

Communication System: UID 0 - n/a, GPRS 2Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.529 \text{ S/m}$; $\epsilon_r = 54.36$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.267 W/kg

Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.334 V/m; Power Drift = 0.09 dB

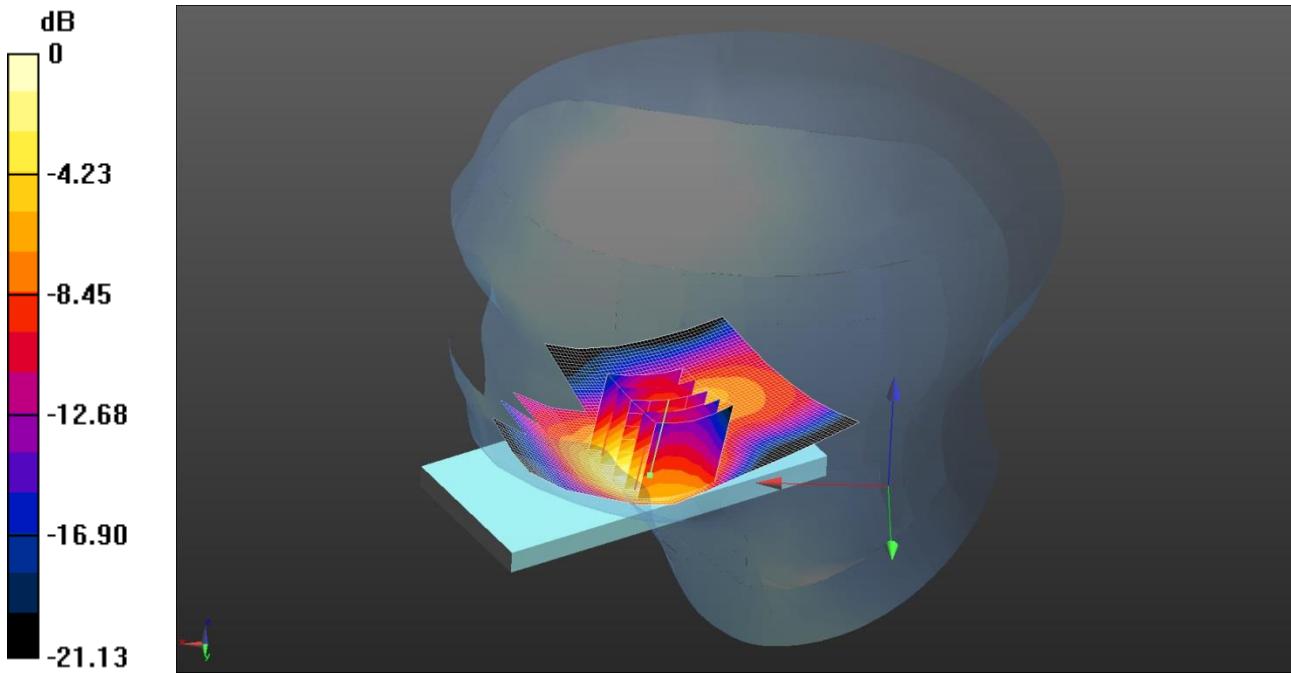
Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.136 W/kg

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

007: Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262

Date: 15/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 39.25$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.621 W/kg

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

Reference Value = 6.979 V/m; Power Drift = 0.01 dB

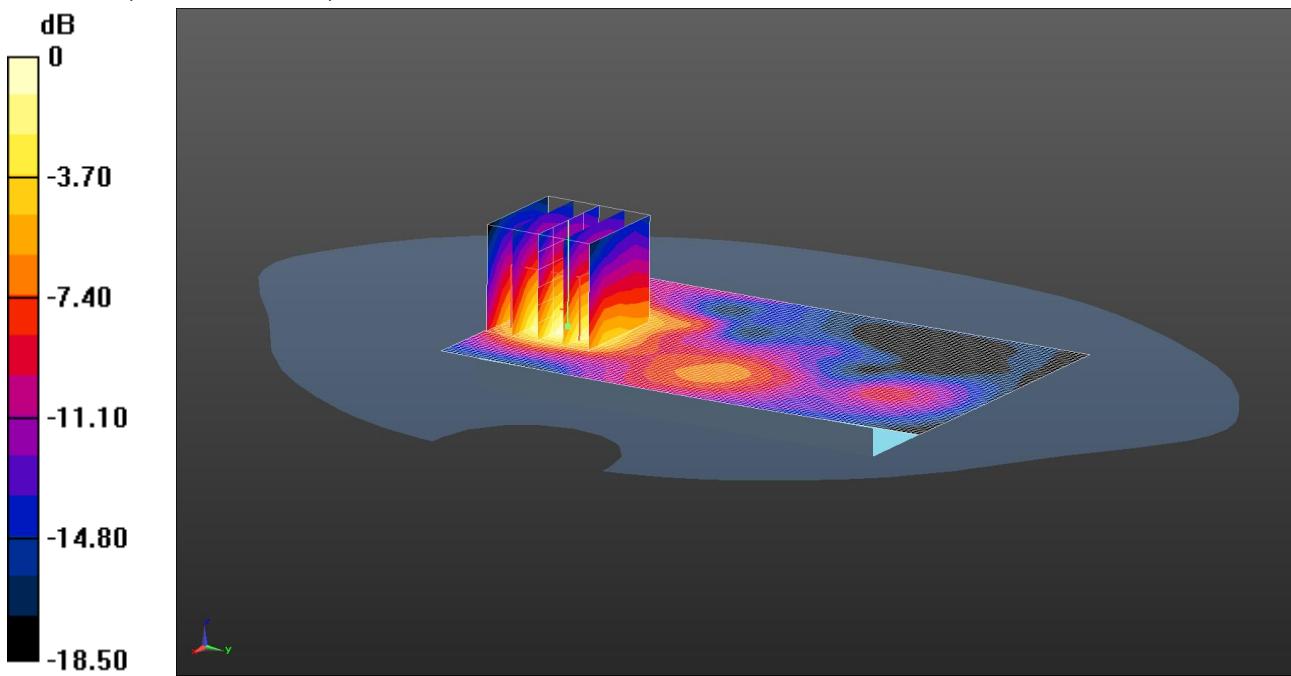
Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.595 W/kg

008: Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400

Date: 17/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.271 \text{ W/kg} = -5.67 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.557 \text{ S/m}$; $\epsilon_r = 54.245$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.257 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.059 V/m; Power Drift = -0.01 dB

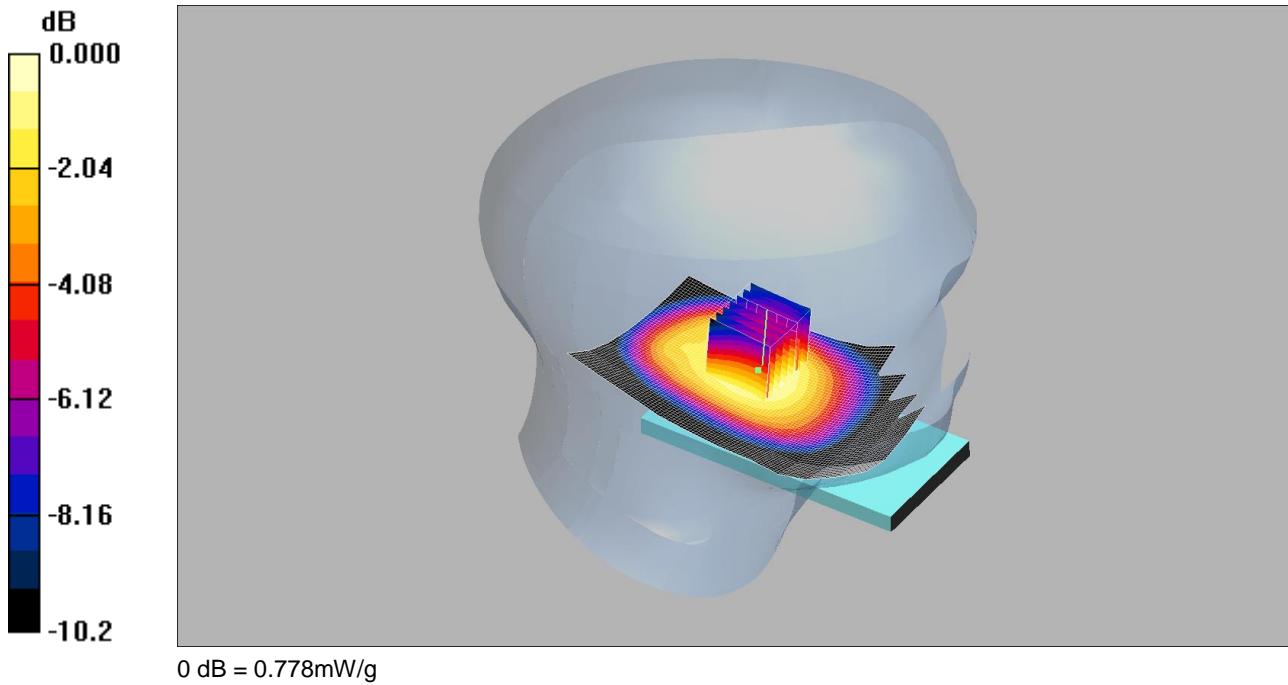
Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.271 W/kg

009: Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4132

Date: 31/03/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.801 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.039 dB

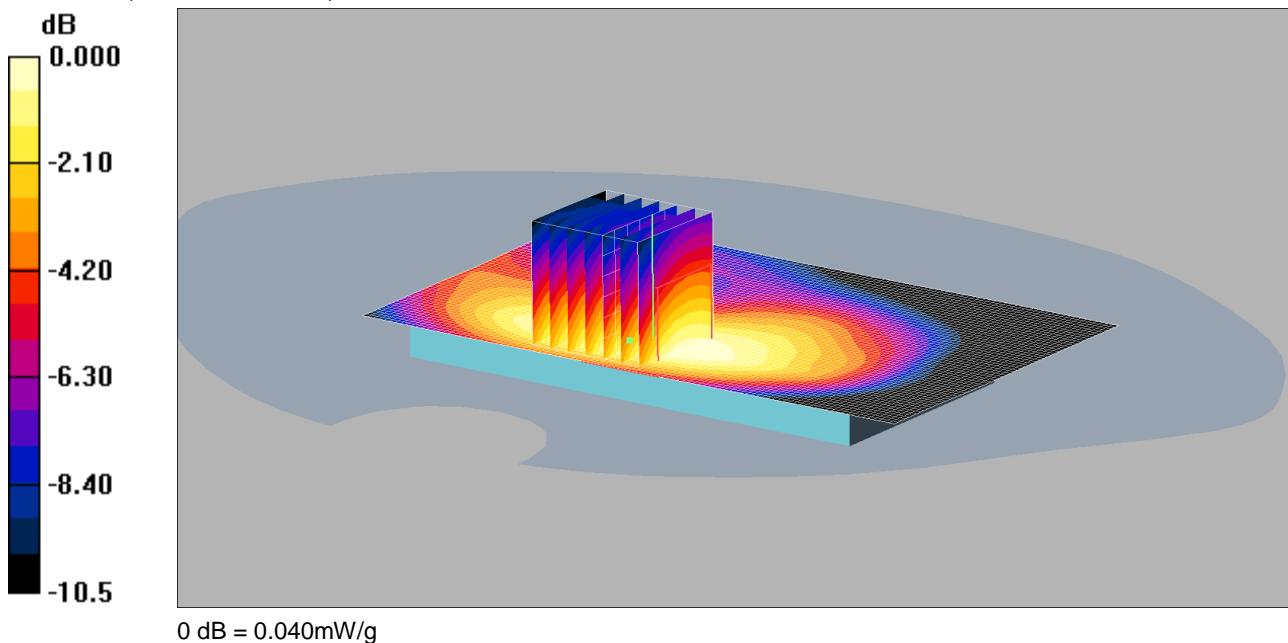
Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.550 mW/g

Maximum value of SAR (measured) = 0.778 mW/g

010: Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233

Date: 01/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.042 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.96 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.050 W/kg

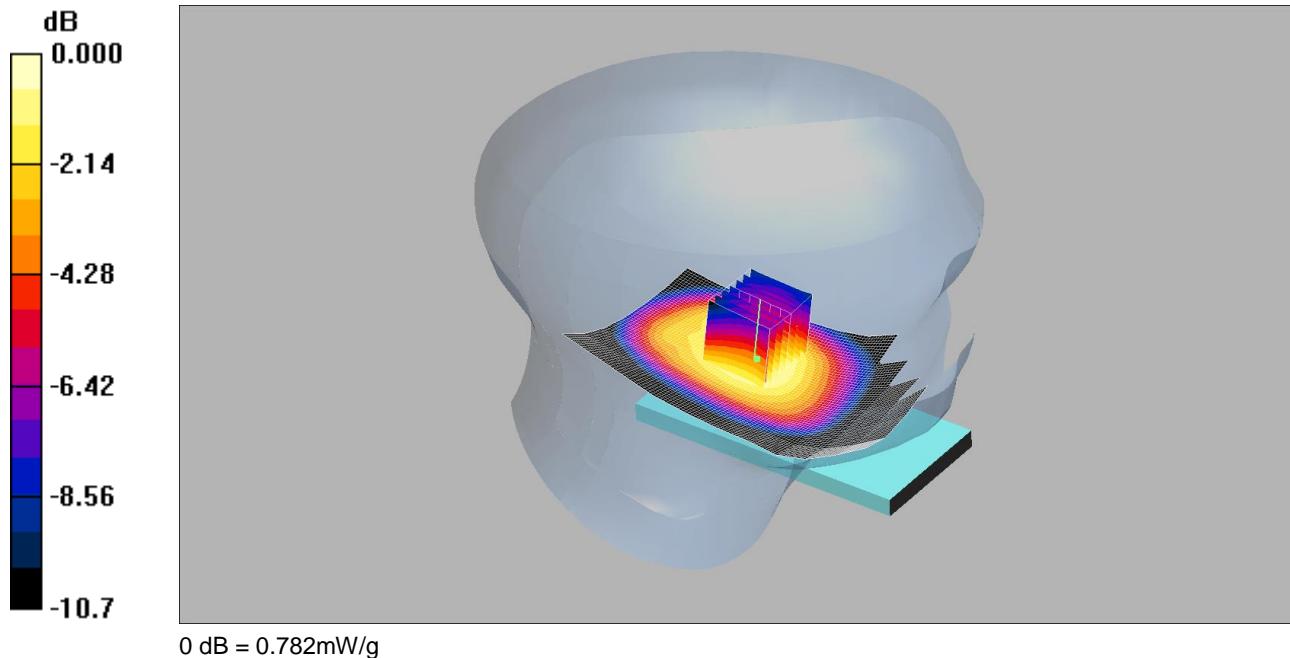
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.027 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

011: Touch Left_CDMA BC0_1xRTT_CH777

Date: 07/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = 0.031 dB

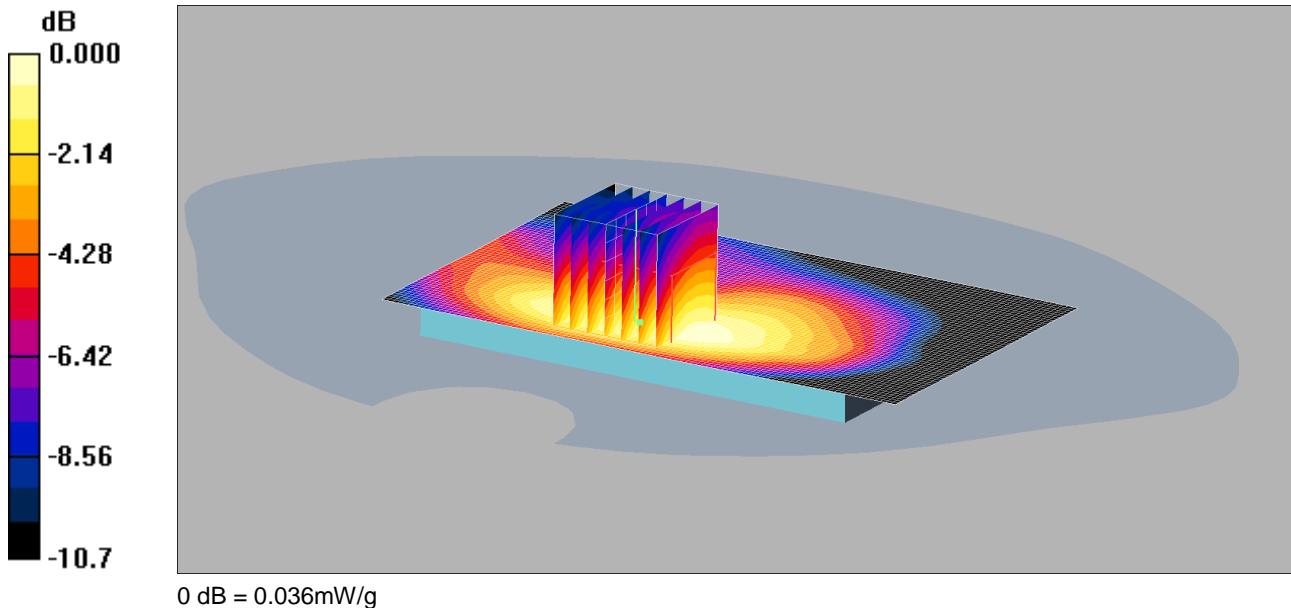
Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.540 mW/g

Maximum value of SAR (measured) = 0.782 mW/g

012: Back of EUT-Body-Worn_CDMA BC0_1xRTT_CH777

Date: 01/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.044 W/kg

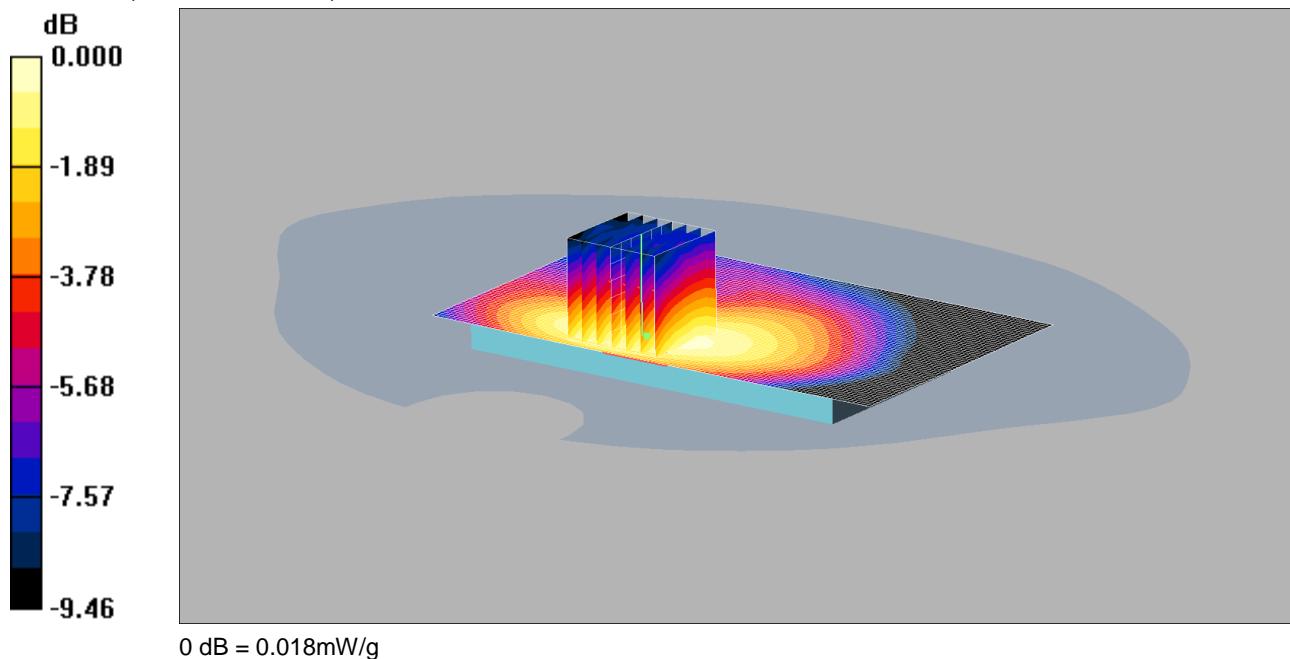
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.024 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

013: Back of EUT-Body-Worn_CDMA BC0_1xEVDO Rel 0_CH777

Date: 08/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.018 mW/g

Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.021 W/kg

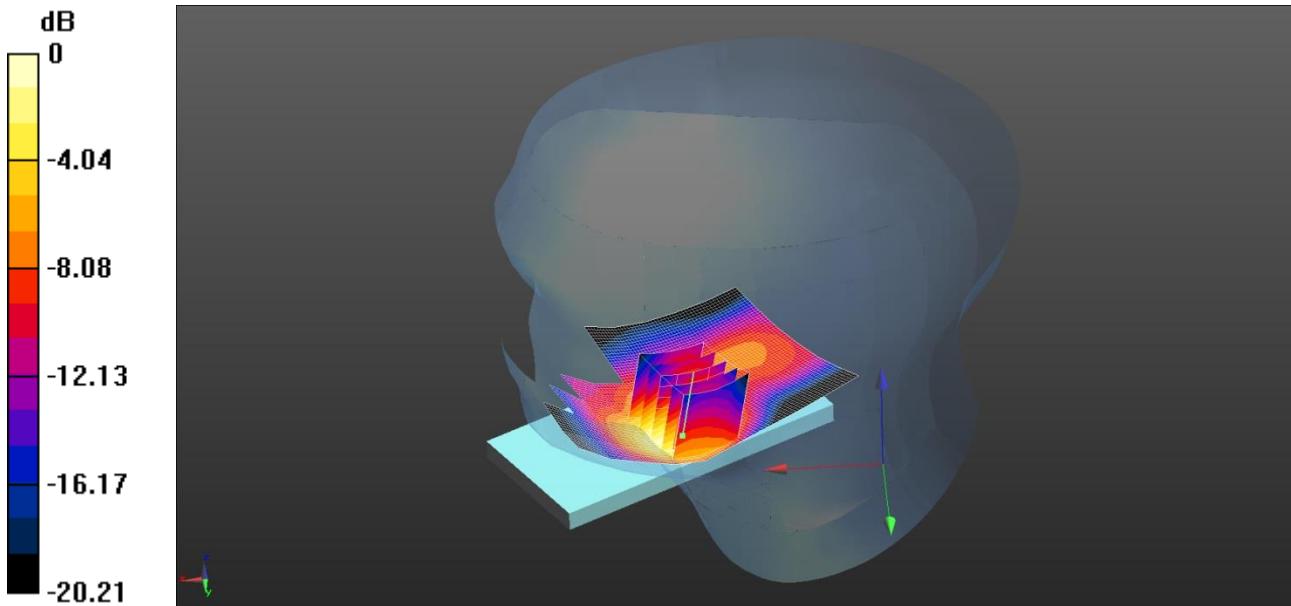
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

Note: SAR level measured is very low, equivalent to noise floor.

014: Touch Right_CDMA BC1_1xRTT_CH600

Date: 15/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 1.05 \text{ W/kg} = 0.21 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 39.125$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

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

Reference Value = 8.963 V/m; Power Drift = -0.02 dB

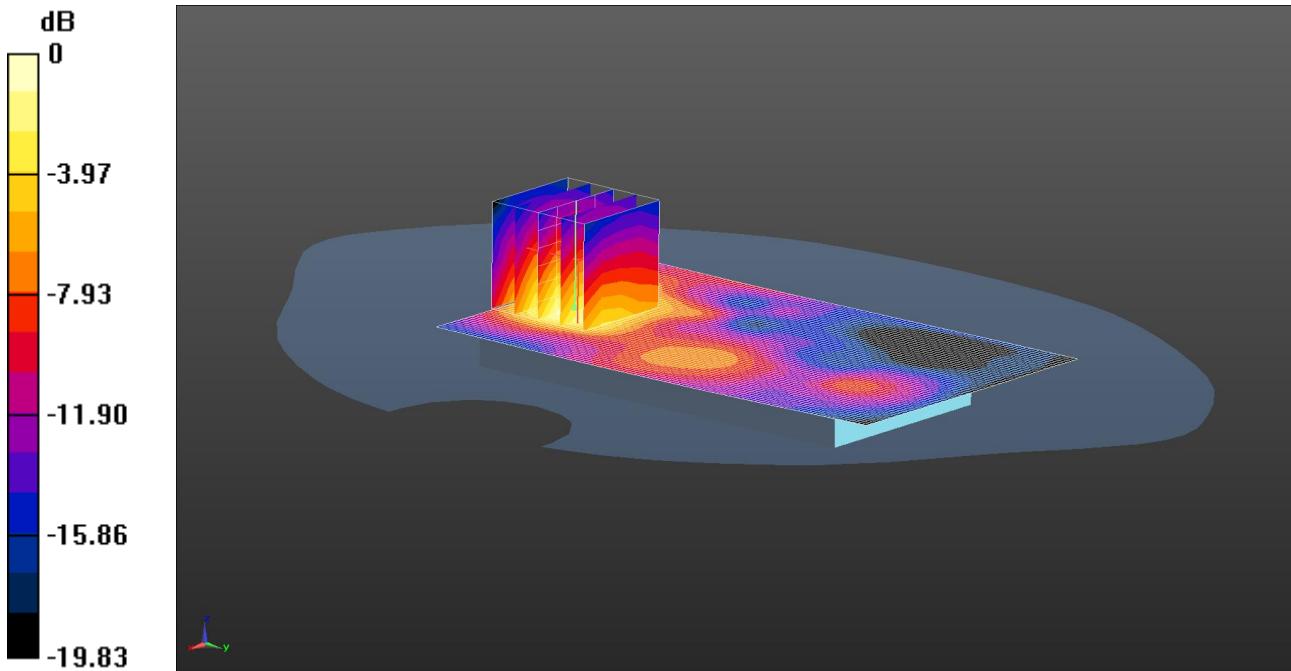
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 1.05 W/kg

015: Back of EUT_Body-Worn_CDMA BC1_1xRTT_CH600

Date: 17/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.253 \text{ W/kg} = -5.97 \text{ dBW/kg}$$

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880 \text{ MHz}$; $\sigma = 1.557 \text{ S/m}$; $\epsilon_r = 54.245$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.236 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.886 V/m; Power Drift = 0.02 dB

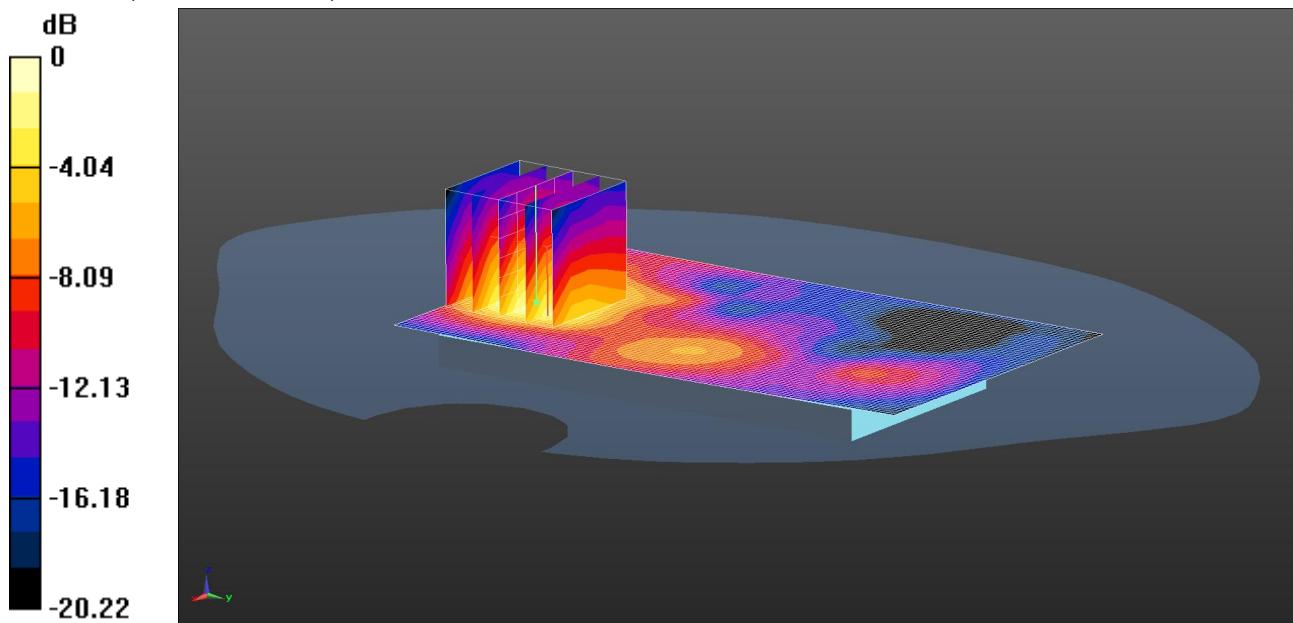
Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.253 W/kg

016: Back of EUT_Body-Worn_CDMA BC1_1xEVDO Rel 0_CH600

Date: 17/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 54.245$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.252 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.867 V/m; Power Drift = -0.06 dB

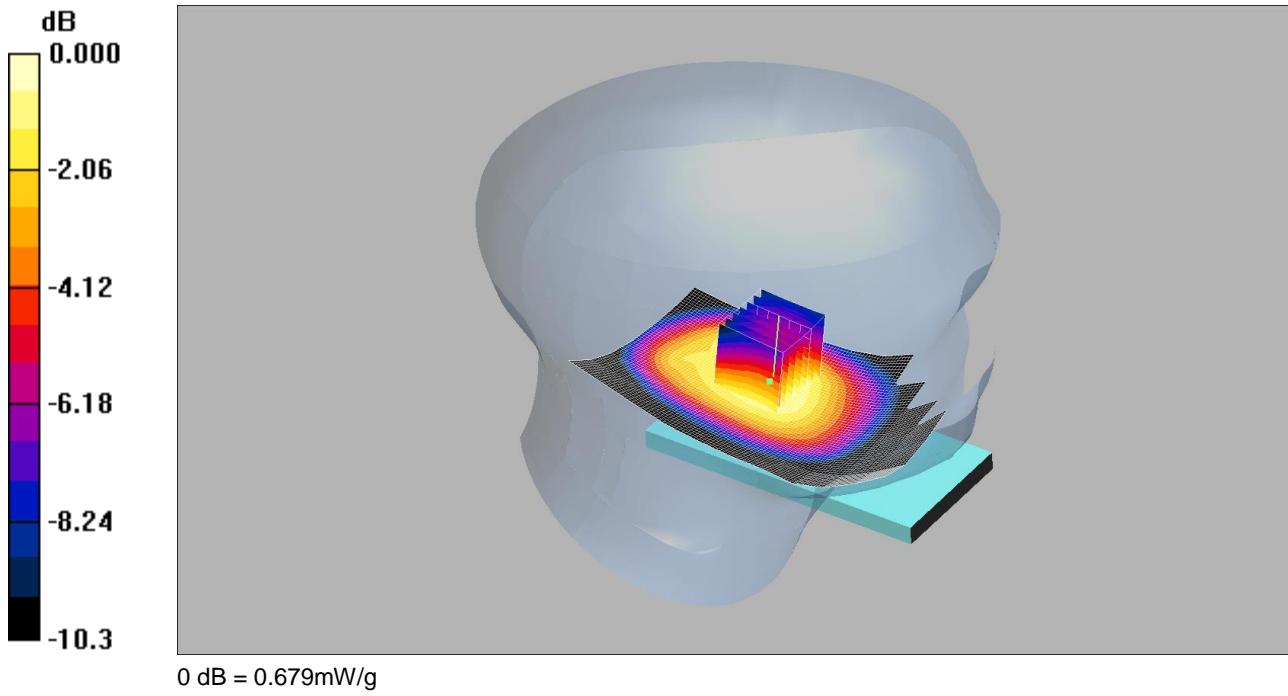
Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.264 W/kg

017: Touch Left_CDMA BC10_1xRTT_CH684

Date: 07/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.691 mW/g

Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = 0.046 dB

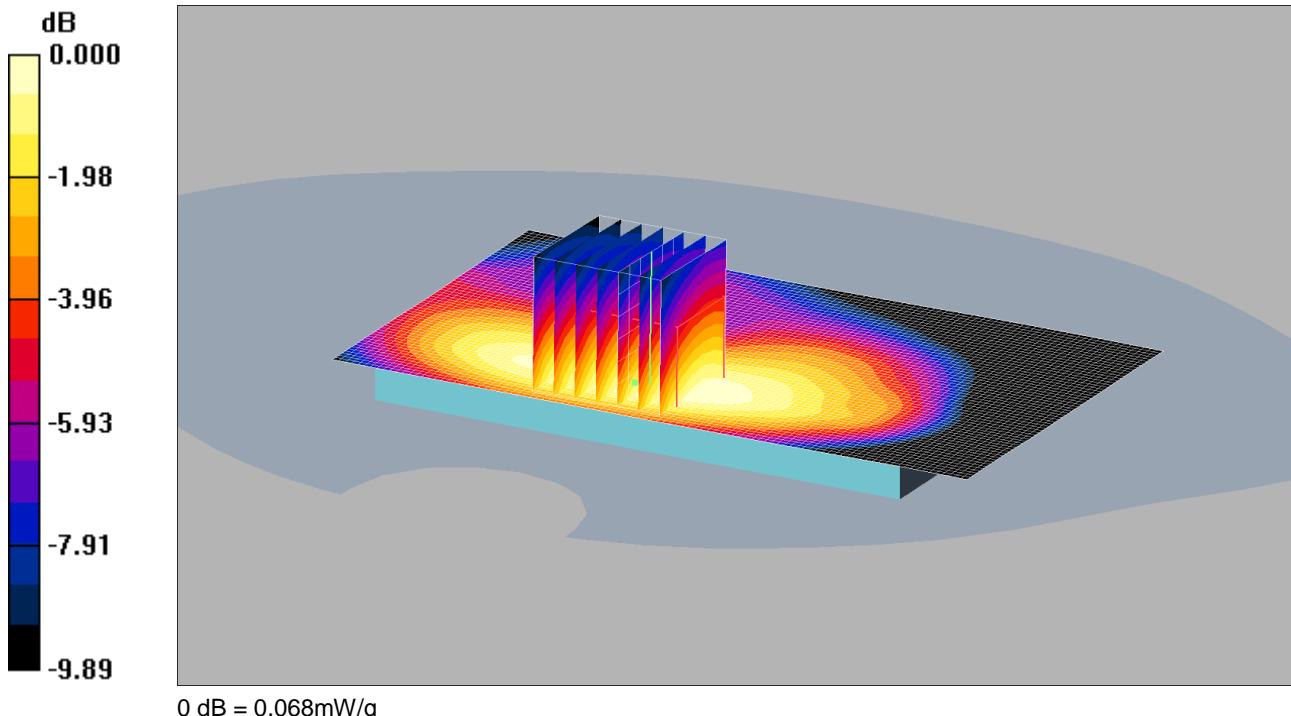
Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.679 mW/g

018: Back of EUT-Body-Worn_CDMA BC10_1xRTT_CH684

Date: 01/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.29 V/m; Power Drift = -0.072 dB

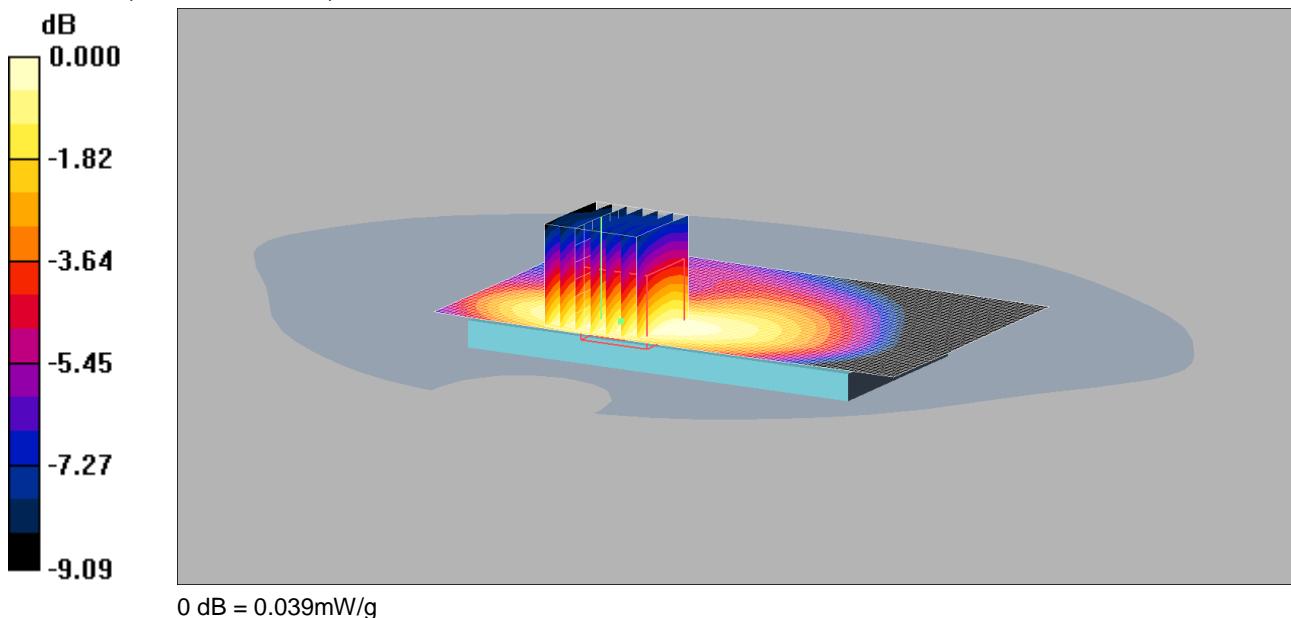
Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.068 mW/g

019: Back of EUT-Body-Worn_CDMA BC10_1xEVDO Rel 0_CH684

Date: 08/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.63 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.047 W/kg

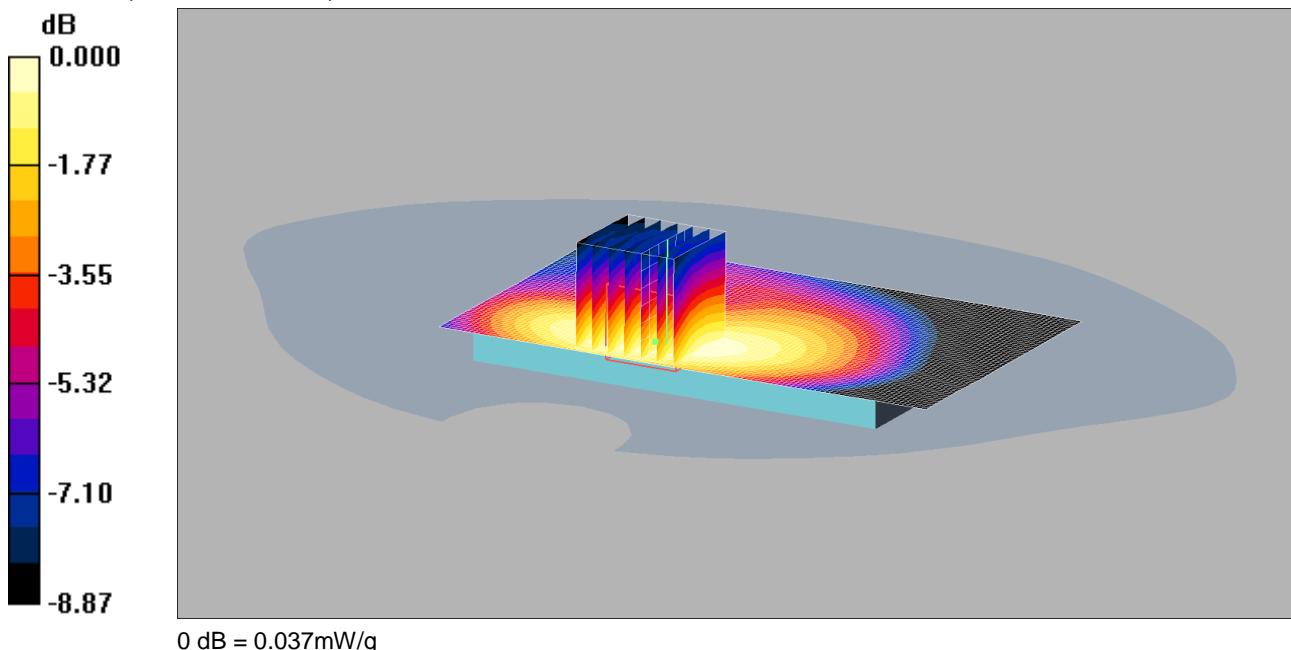
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

020: Back of EUT-Body-Worn_LTE FDD 5_10MHz_1RB_Mid_CH20525

Date: 08/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.044 W/kg

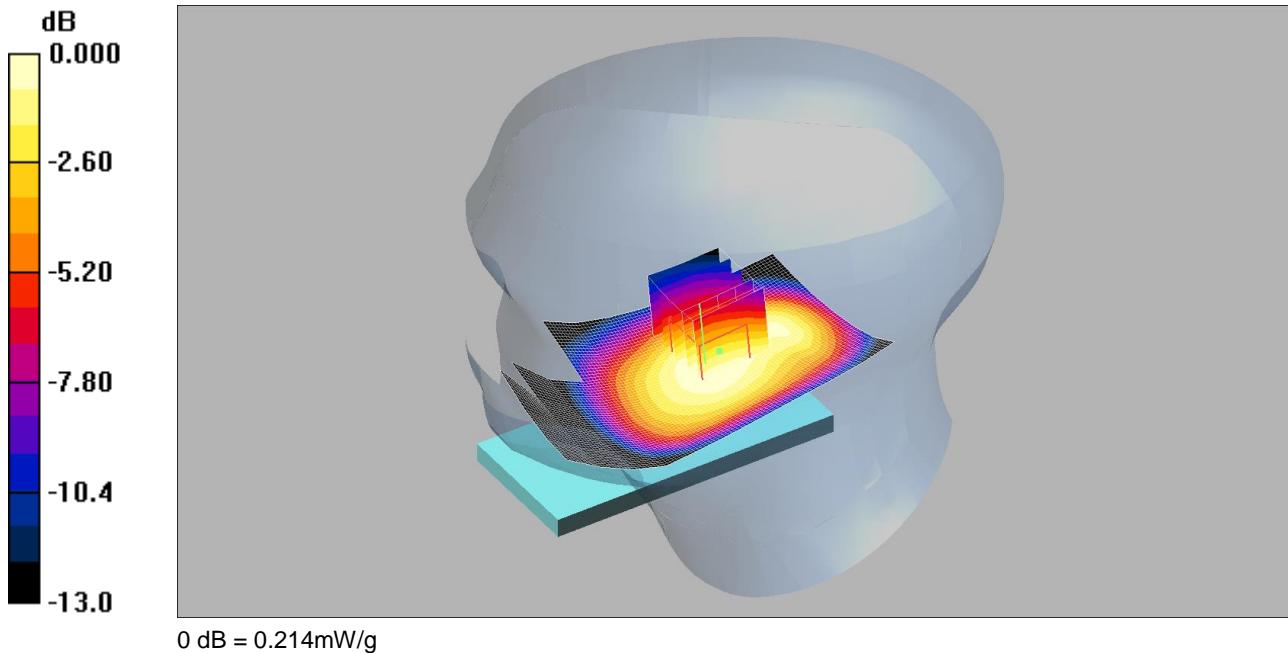
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.025 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

021: Touch Right_LTE FDD 13_10MHz_1RB_Mid_CH23230

Date: 09/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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; $\sigma = 0.873$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.219 mW/g

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

Reference Value = 13.9 V/m; Power Drift = -0.031 dB

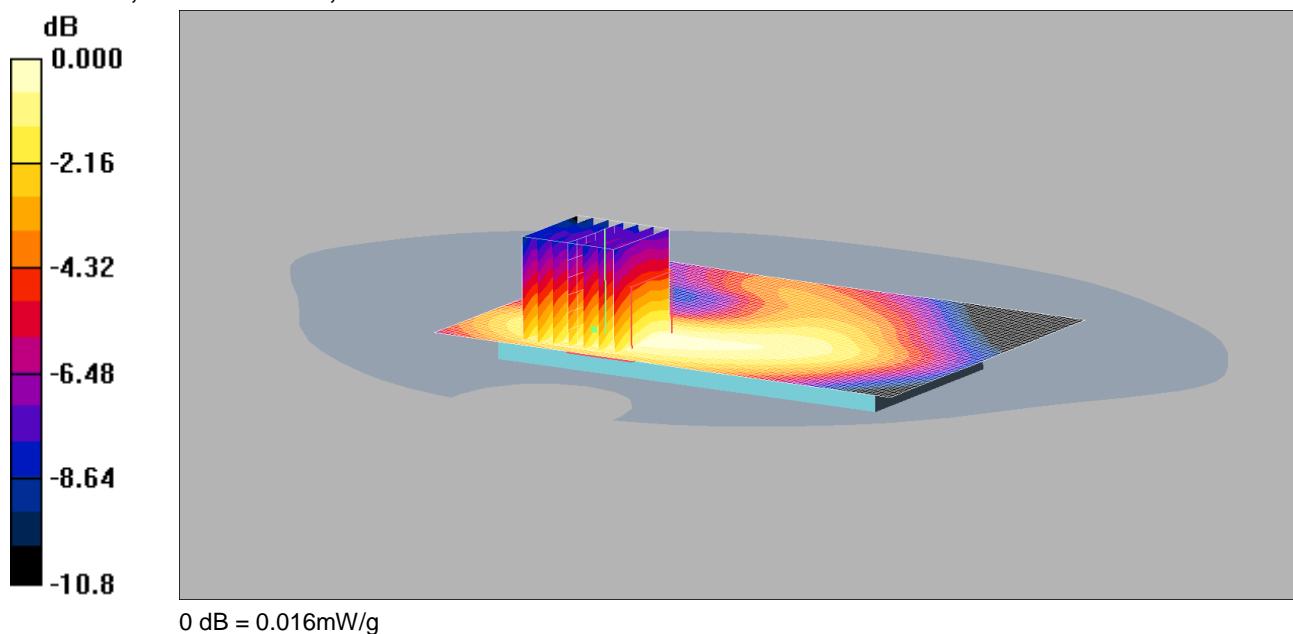
Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.214 mW/g

022: Back of EUT-Body-Worn_LTE FDD 13_10MHz_1RB_Low_CH23230

Date: 09/04/2015

DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 750/900 MHz MSL Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- 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 of EUT Facing Phantom - Middle 2 2/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.015 mW/g

Back of EUT Facing Phantom - Middle 2 2/Zoom Scan (5x5x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.45 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.019 W/kg

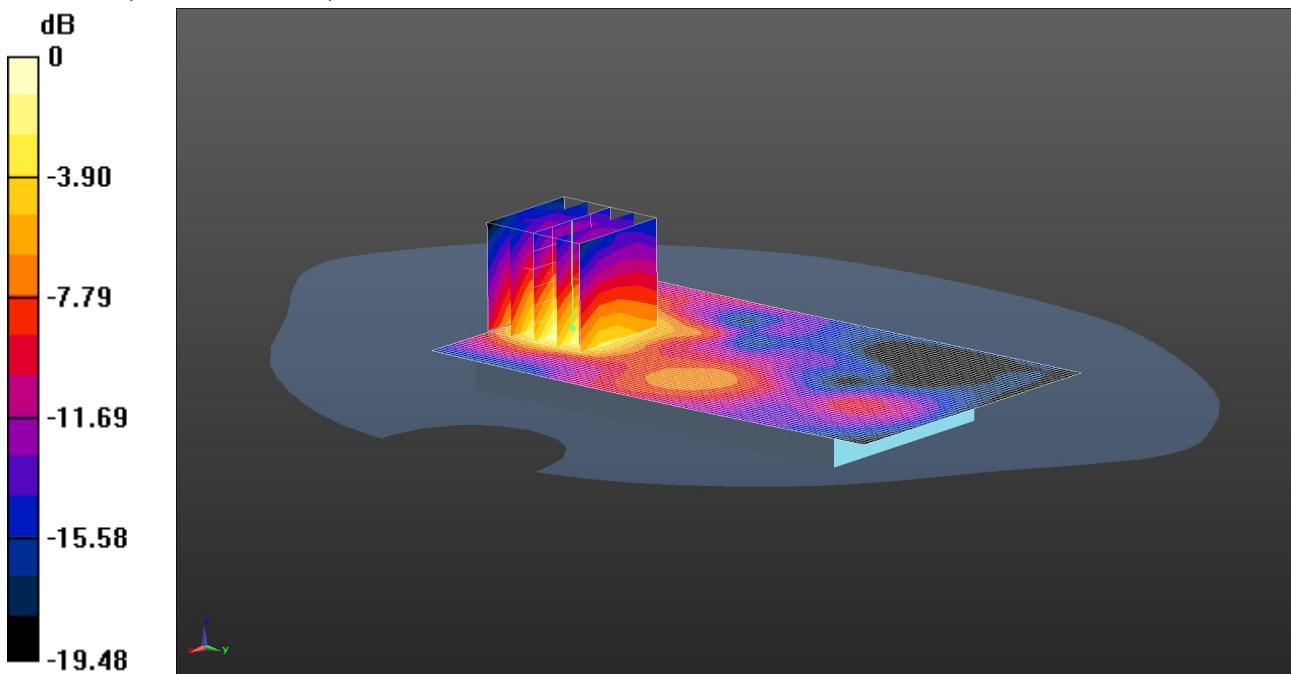
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g

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

Note: SAR level measured is very low, equivalent to noise floor.

023: Back of EUT_Body-Worn_LTE FDD 25_20MHz 1RB Mid_CH26365

Date: 17/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 54.235$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

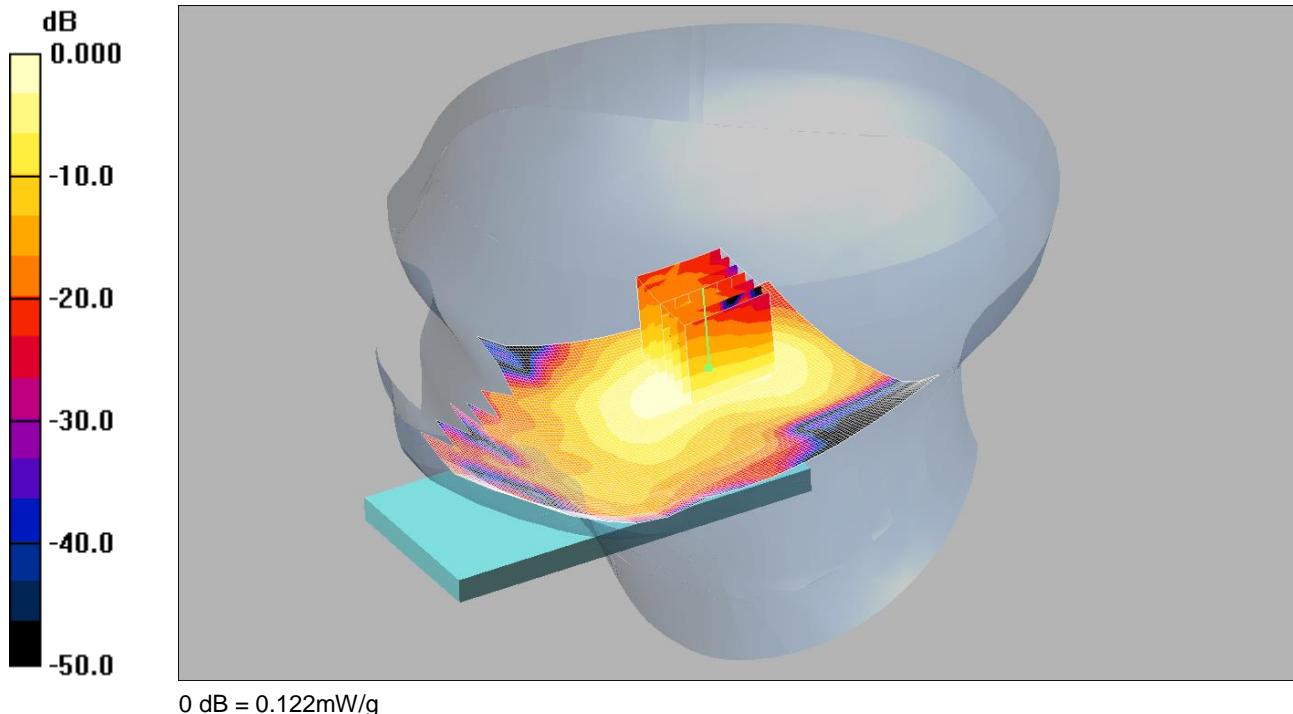
Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.205 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.799 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.103 W/kg
 Maximum value of SAR (measured) = 0.218 W/kg

024: Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6

Date: 15/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- 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

Touch Right - Middle/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 7.44 V/m; Power Drift = 0.001 dB

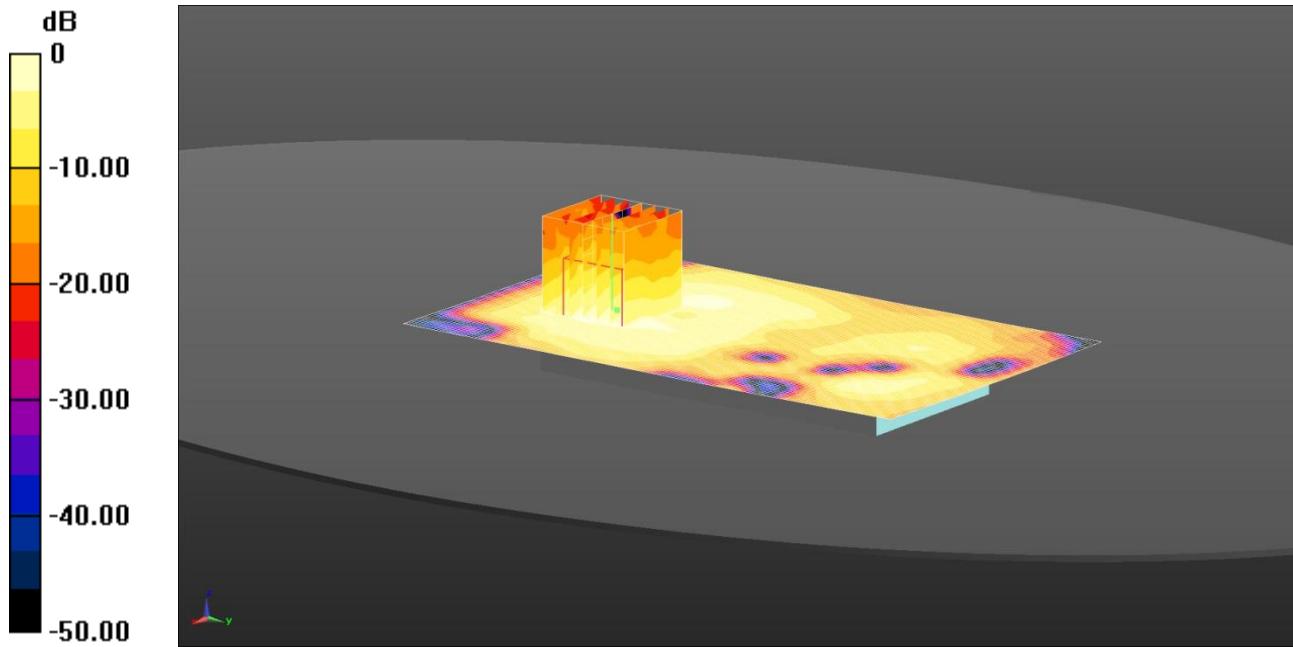
Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.122 mW/g

025: Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6

Date: 10/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 52.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0330 W/kg

Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.293 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0760 W/kg

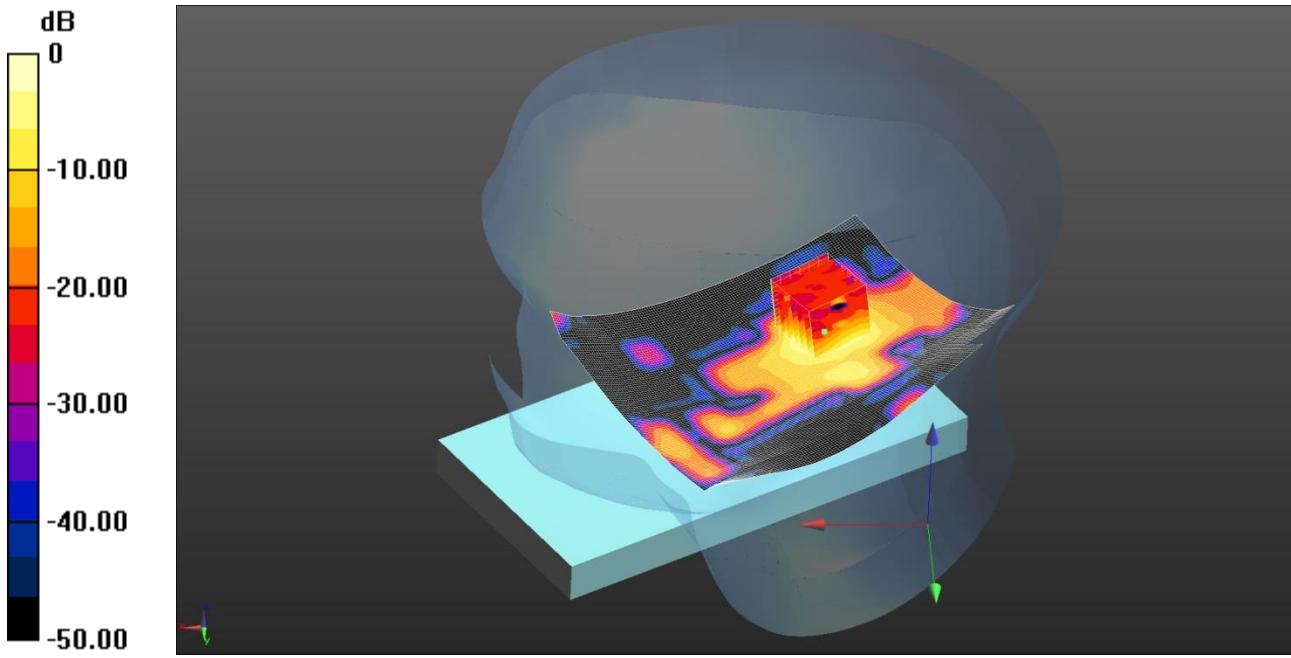
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0374 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

026: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH48

Date: 18/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.608 \text{ W/kg} = -2.16 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5240 \text{ MHz}$; $\sigma = 4.572 \text{ S/m}$; $\epsilon_r = 34.511$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.675 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.038 V/m; Power Drift = -0.15 dB

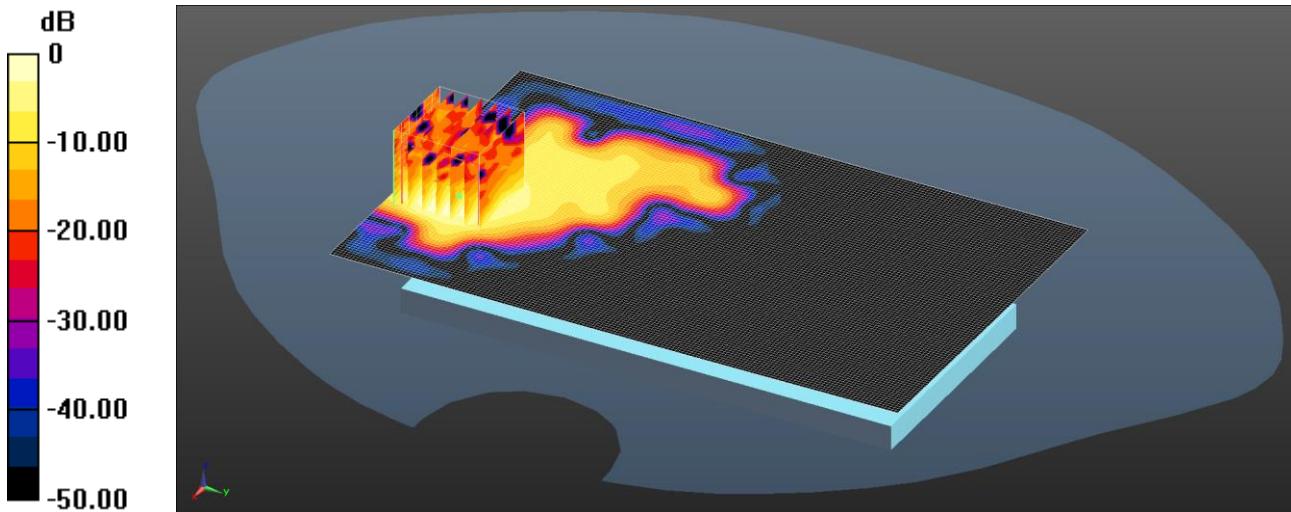
Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.608 W/kg

027: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48

Date: 16/04/15

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.232 \text{ W/kg} = -6.35 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5240 \text{ MHz}$; $\sigma = 5.321 \text{ S/m}$; $\epsilon_r = 48.294$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.271 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.217 V/m; Power Drift = -0.01 dB

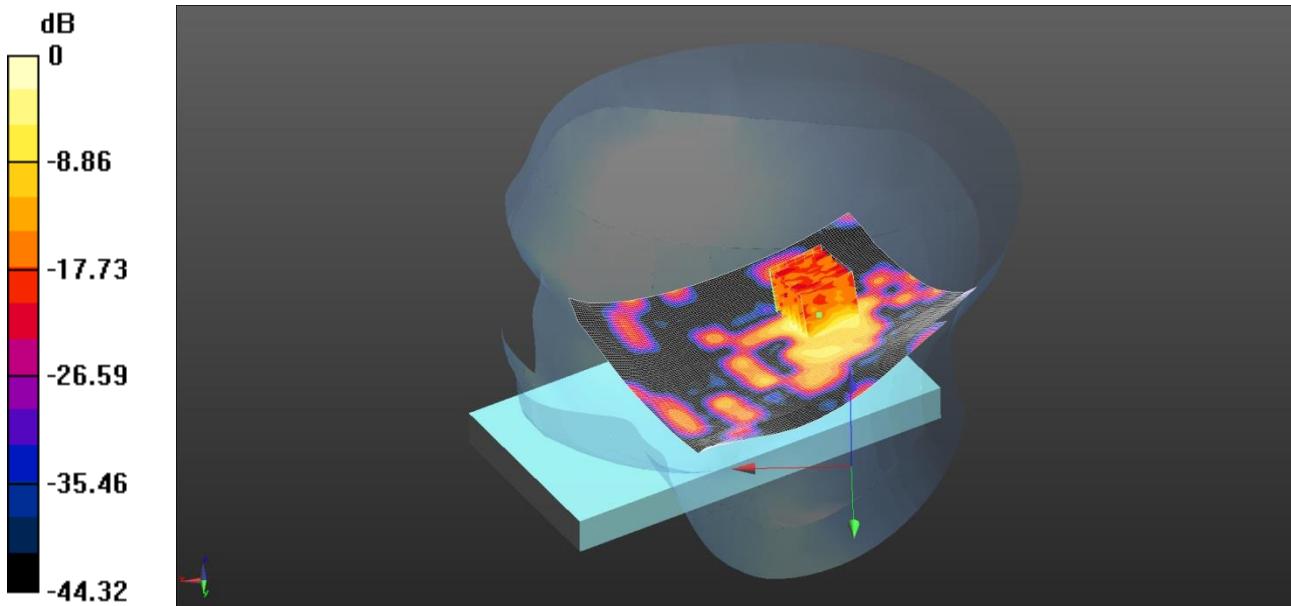
Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.232 W/kg

028: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH52

Date: 18/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.582 \text{ W/kg} = -2.35 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5260 \text{ MHz}$; $\sigma = 4.594 \text{ S/m}$; $\epsilon_r = 34.48$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.664 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.248 V/m; Power Drift = -0.02 dB

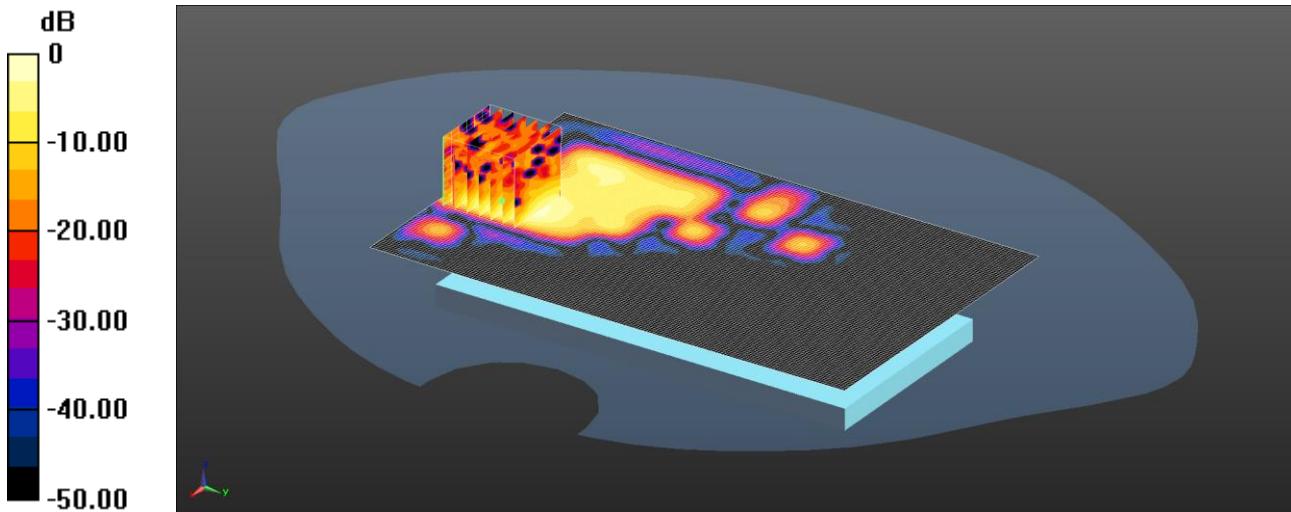
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.582 W/kg

029: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64

Date: 16/04/15

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.183 \text{ W/kg} = -7.38 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5320 \text{ MHz}$; $\sigma = 5.436 \text{ S/m}$; $\epsilon_r = 48.099$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.18, 4.18, 4.18); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.300 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.6610 V/m; Power Drift = -999.00 dB

Peak SAR (extrapolated) = 0.458 W/kg

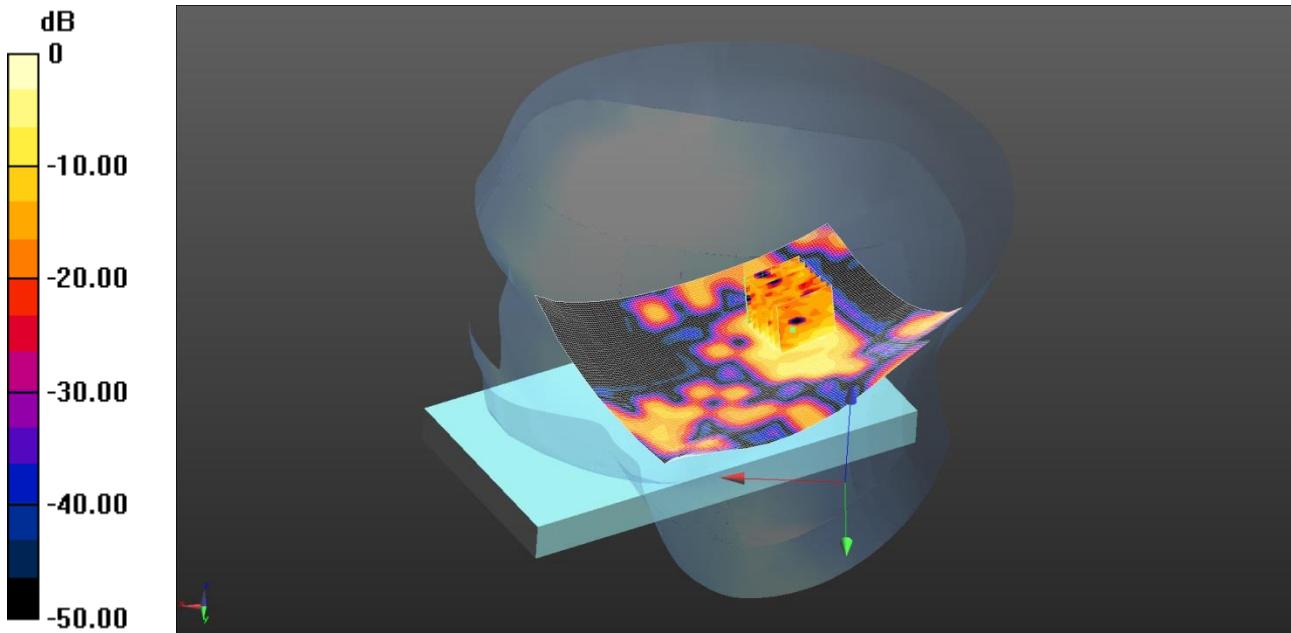
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.183 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

030: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH124

Date: 18/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

0 dB = 0.480 W/kg = -3.19 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5620$ MHz; $\sigma = 4.971$ S/m; $\epsilon_r = 33.979$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.640 V/m; Power Drift = 0.13 dB

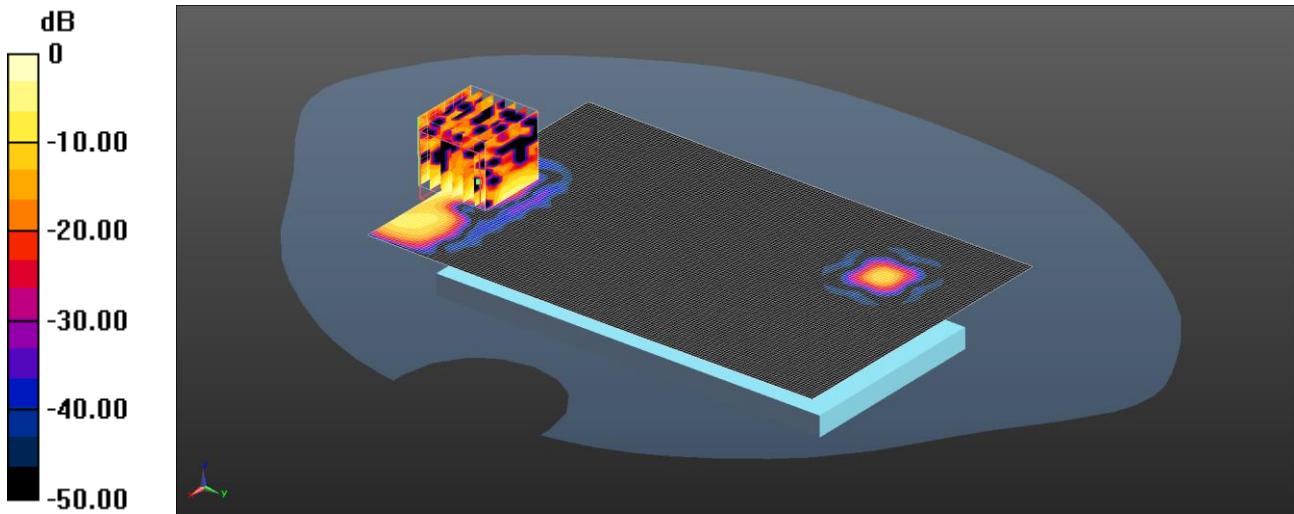
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.480 W/kg

031: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH116

Date: 16/04/15

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5580$ MHz; $\sigma = 5.848$ S/m; $\epsilon_r = 47.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.257 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.513 W/kg

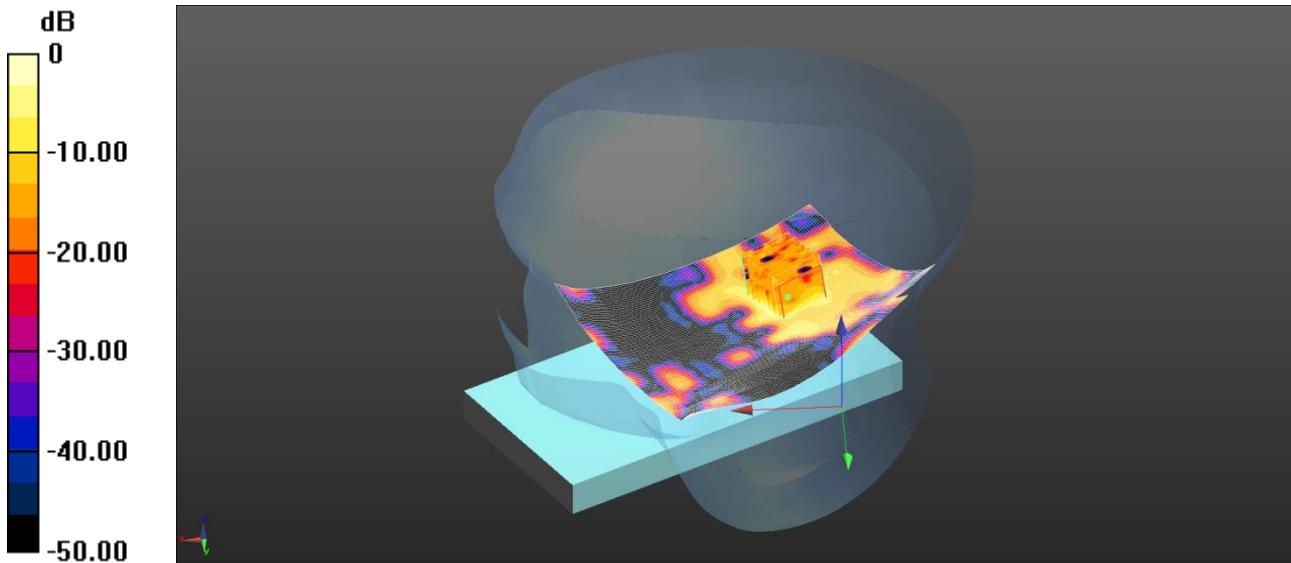
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.024 W/kg.

Maximum value of SAR (measured) = 0.105 W/kg

Note: SAR level measured is very low, equivalent to noise floor.

032: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH157

Date: 18/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.134$ S/m; $\epsilon_r = 33.784$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.387 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.538 V/m; Power Drift = -0.01 dB

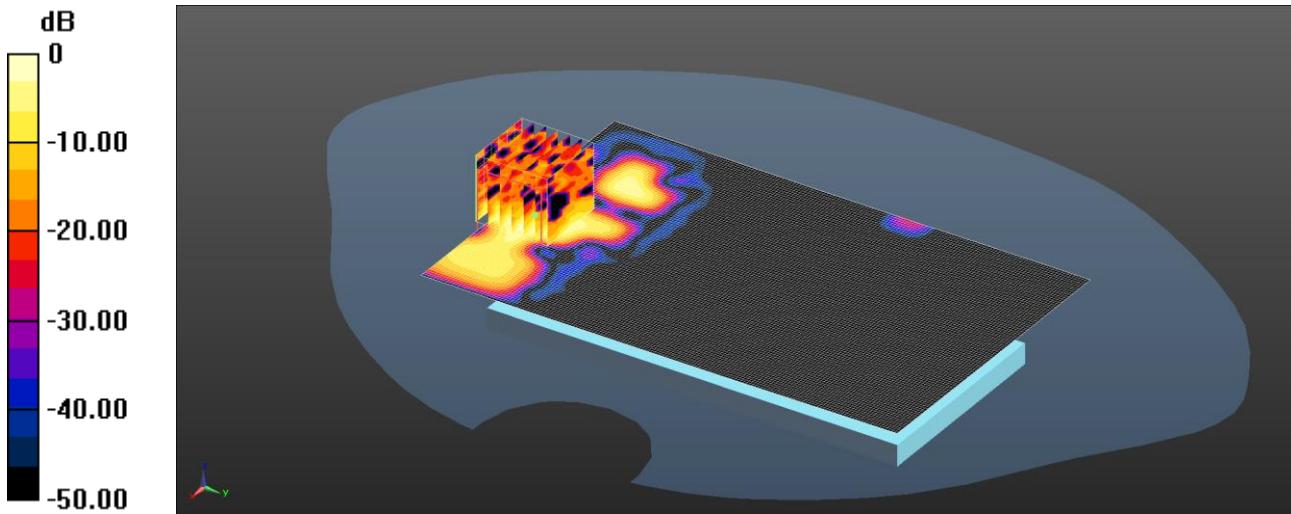
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.424 W/kg

033: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149

Date: 16/04/15

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

$$0 \text{ dB} = 0.147 \text{ W/kg} = -8.33 \text{ dBW/kg}$$

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5GHz MSL Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 6.122 \text{ S/m}$; $\epsilon_r = 47.066$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.239 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

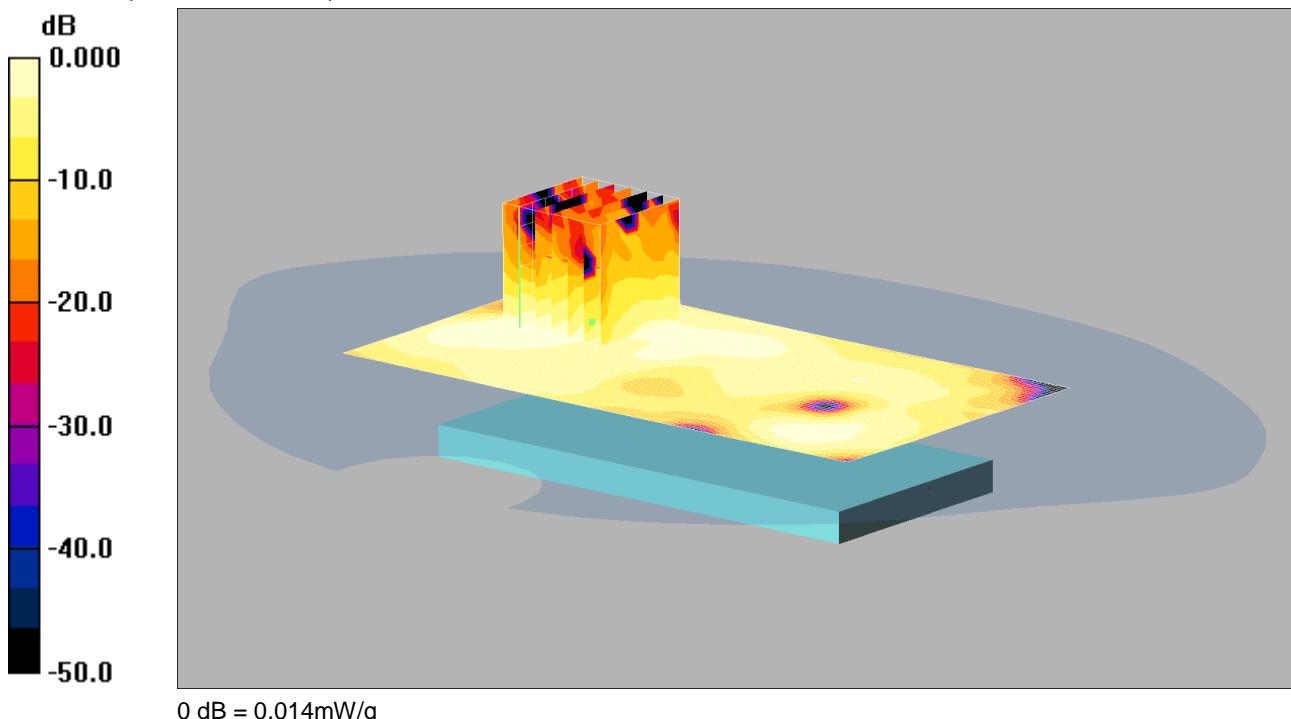
Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.147 W/kg

034: Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

Date: 29/04/2015

DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back - Middle/Area Scan (71x131x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 2.04 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00526 mW/g

Maximum value of SAR (measured) = 0.014 mW/g

Note: SAR level measured is very low, equivalent to noise floor.