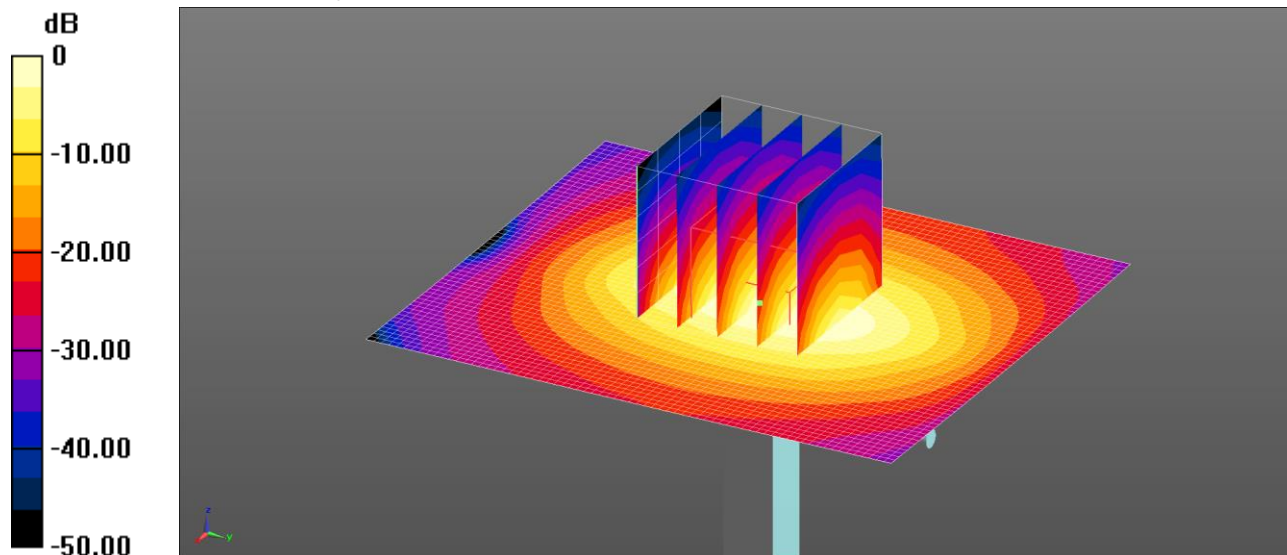


191: System Performance Check 1900MHz Body 24 07 14 Site 61

Date: 24/07/2014

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

0 dB = 12.3 W/kg = 10.89 dBW/kg

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

Medium: 1900 MHz /MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 53.493$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 09/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 /Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

SAR/d=15mm, 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 = 85.906 V/m; Power Drift = -0.00 dB

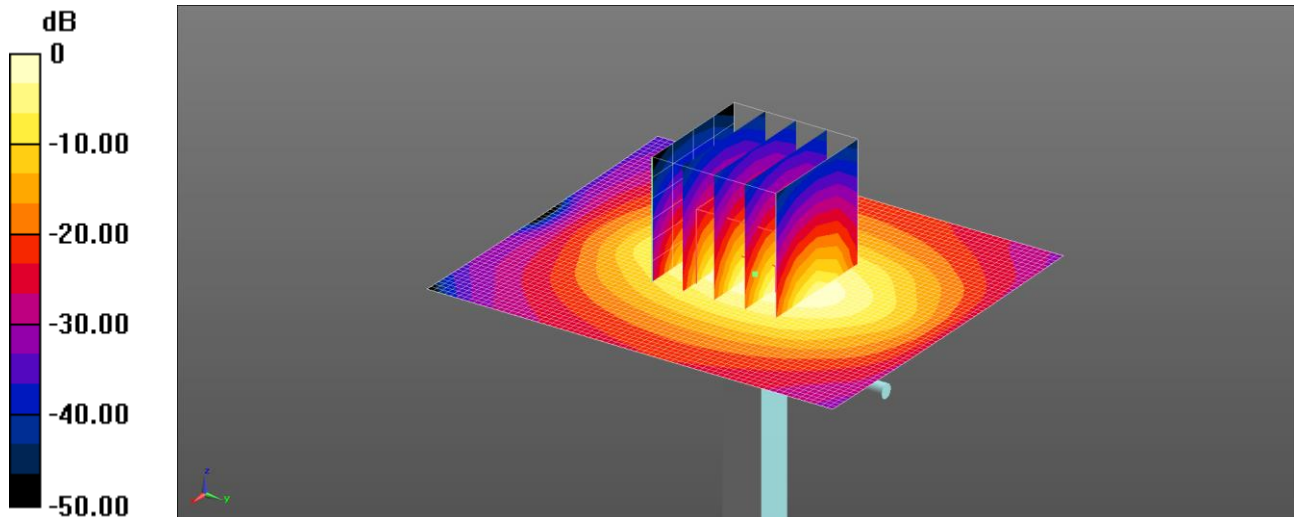
Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.39 W/kg

Maximum value of SAR (measured) = 11.4 W/kg

192: System Performance Check 1900MHz Body 24 07 14 Site 61

Date: 24/07/2014

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

0 dB = 12.3 W/kg = 10.89 dBW/kg

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

Medium: 1900 MHz /MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 53.493$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 09/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.3 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.906 V/m; Power Drift = -0.00 dB

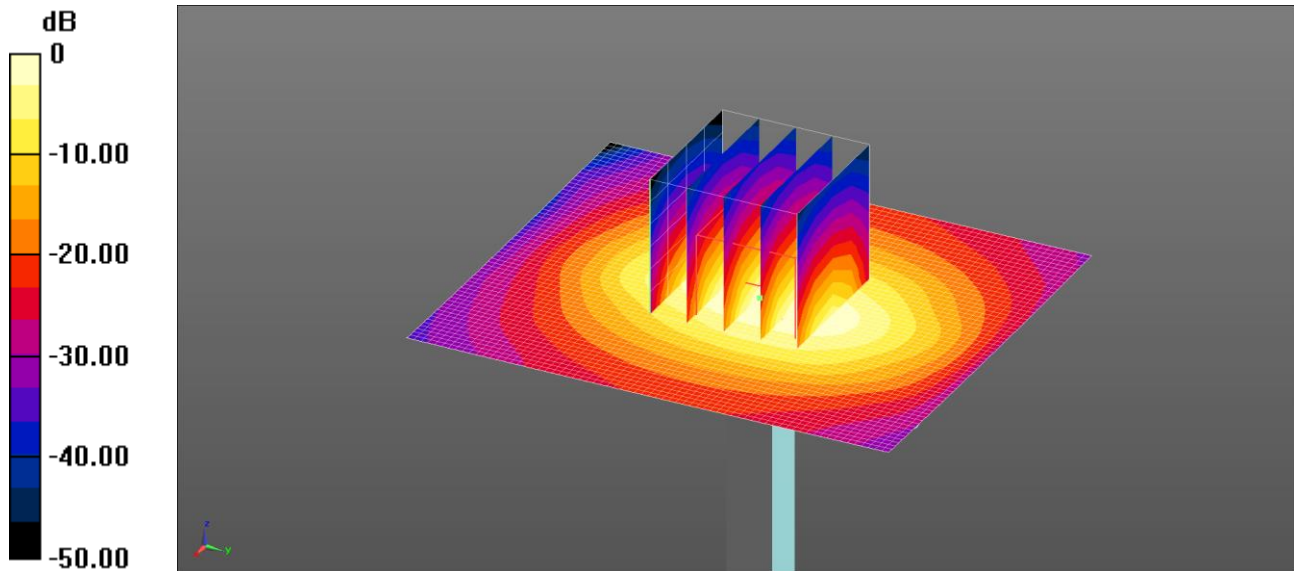
Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.39 W/kg

Maximum value of SAR (measured) = 11.4 W/kg

193: System Performance Check 1900MHz Body 31 07 14 Site 61

Date: 31/07/2014

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN537

0 dB = 12.4 W/kg = 10.95 dBW/kg

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

Medium: 1900 MHz /MSL Medium parameters used: $f = 1900$ MHz; $\sigma = 1.548$ S/m; $\epsilon_r = 51.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.74, 7.74, 7.74); Calibrated: 09/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2 /Area Scan (61x71x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.4 W/kg

SAR/d=15mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2 2 /Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.515 V/m; Power Drift = 0.01 dB

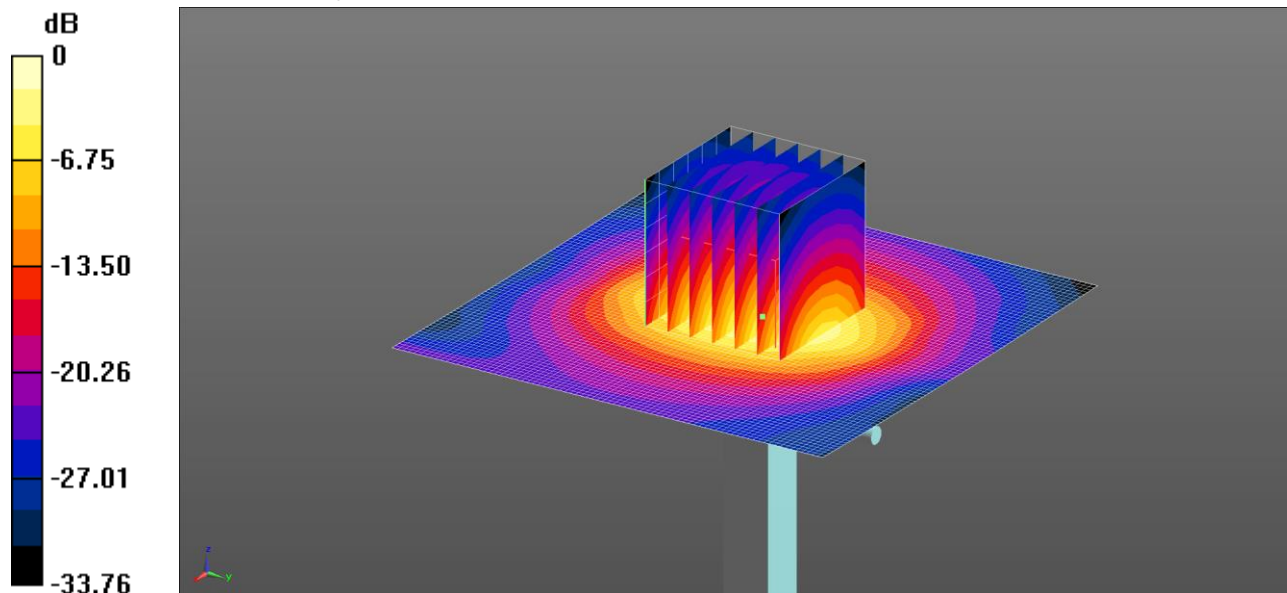
Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.38 W/kg

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

194: System Performance Check 2450MHz Body 21 07 2014 Site 60

Date: 21/07/2014

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

0 dB = 14.5 W/kg = 11.62 dBW/kg

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 50.85$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(7.01, 7.01, 7.01); Calibrated: 24/09/2013;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=250mW 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.5 W/kg

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

Reference Value = 86.045 V/m; Power Drift = -0.01 dB

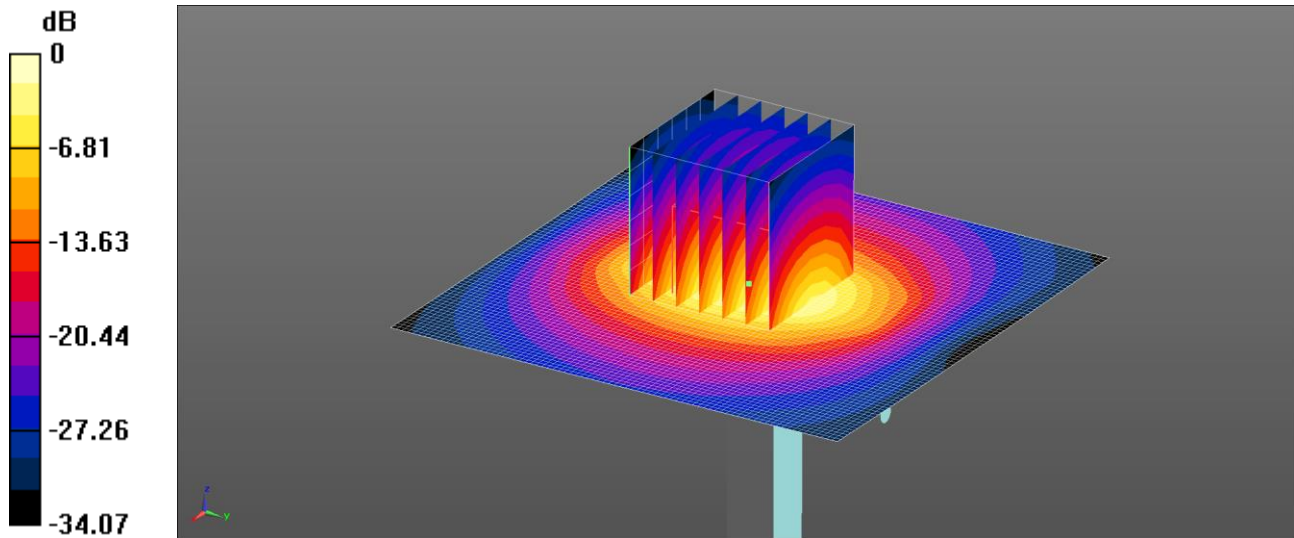
Peak SAR (extrapolated) = 24.5 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 14.4 W/kg

195: System Performance Check 2450MHz Body 24 07 2014 Site 59

Date: 24/07/2014

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

0 dB = 14.8 W/kg = 11.72 dBW/kg

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(7.39, 7.39, 7.39); Calibrated: 07/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=250mW 2 2 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 14.8 W/kg

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

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

Reference Value = 82.640 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 25.7 W/kg

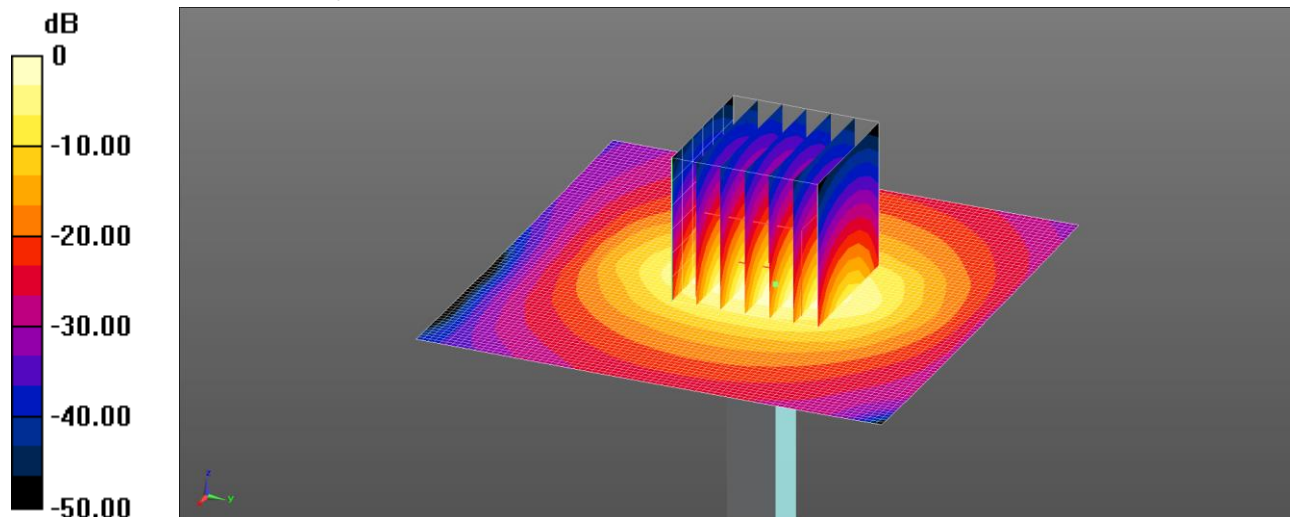
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.85 W/kg

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

196: System Performance Check 2450MHz Body 06 08 2014 Site 61

Date: 06/08/2014

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



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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 53.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3995; ConvF(7.24, 7.24, 7.24); Calibrated: 09/05/2014;

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

- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014

- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=250mW 2 2/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

dy=5mm, dz=5mm

Reference Value = 87.078 V/m; Power Drift = 0.01 dB

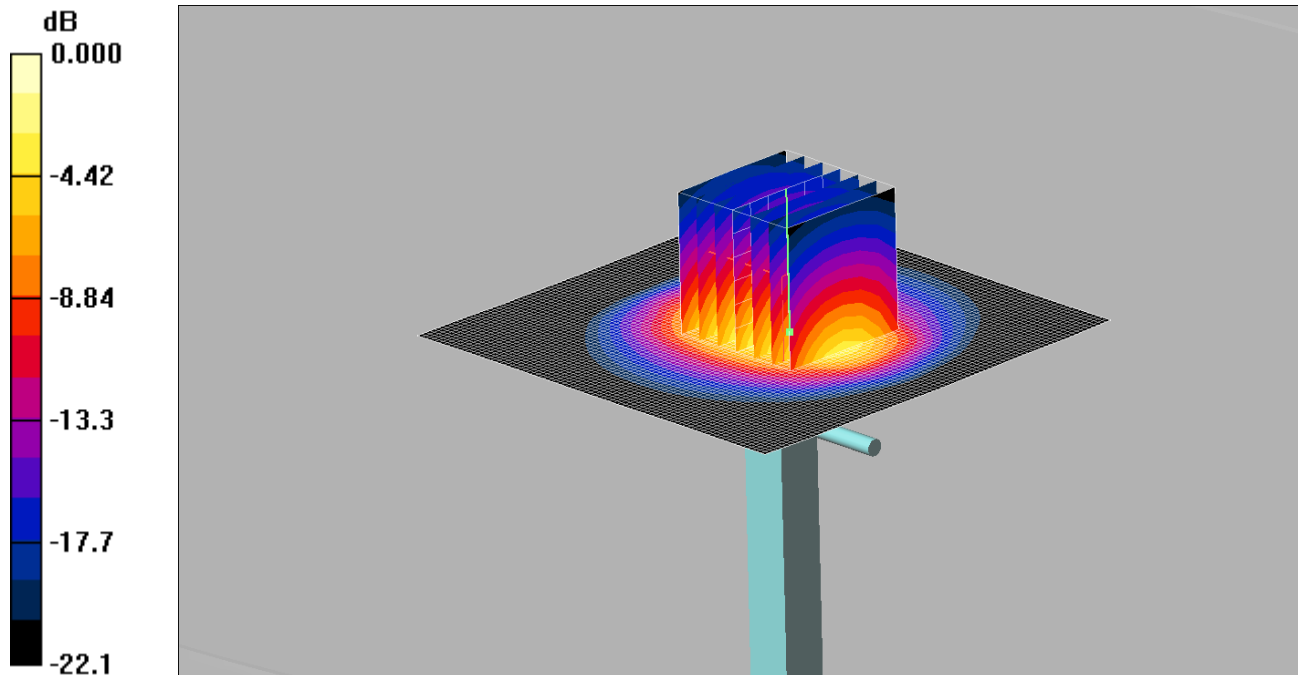
Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

197: System Performance Check 2450MHz Body 04 09 2014 Site 57

Date: 04/09/2014

DUT: Dipole 2440 MHz; Type: D2440V2; Serial: D2440V2 - SN:701

0 dB = 15.0mW/g

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

Medium: 2450 MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 2.05$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Phantom section: Flat 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: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

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

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

Maximum value of SAR (interpolated) = 15.5 mW/g

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

Reference Value = 87.2 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 27.5 W/kg

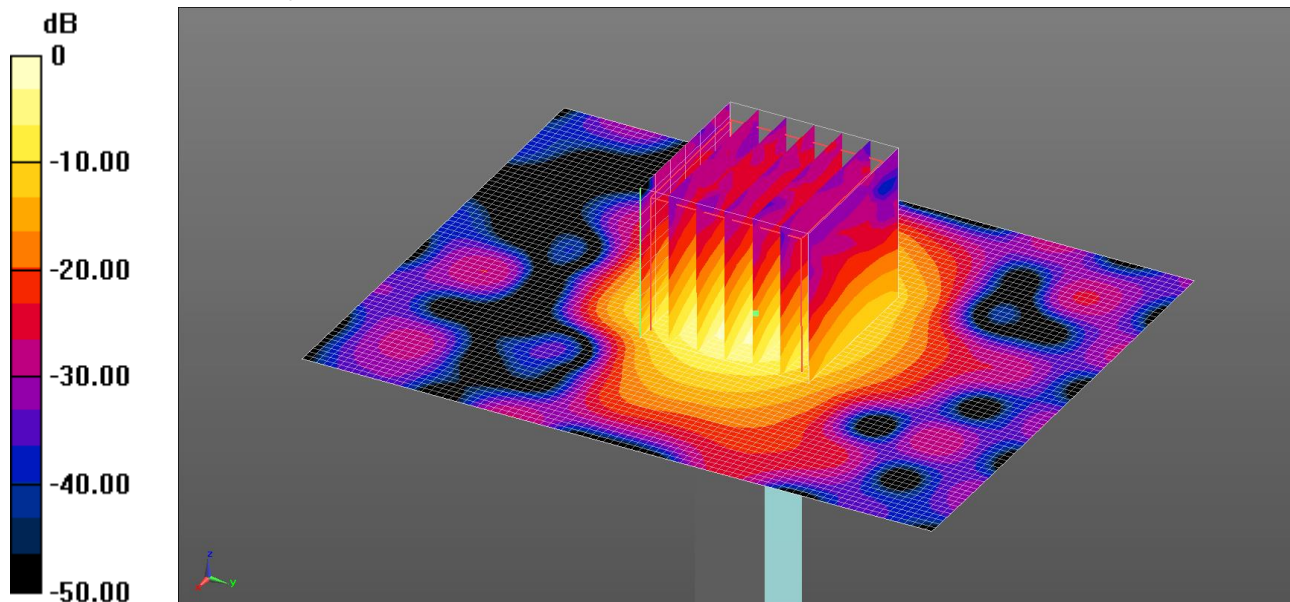
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.08 mW/g

Maximum value of SAR (measured) = 15.0 mW/g

198: System Performance Check 5200 MHz Body 11 08 14 Site 59

Date: 11/08/2014

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



0 dB = 15.4 W/kg = 11.88 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.407$ S/m; $\epsilon_r = 47.956$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn431; Calibrated: 18/11/2013

- Phantom: ELI v5.0; Type: QDOVA002AA; 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) = 16.9 W/kg

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

Reference Value = 38.377 V/m; Power Drift = 0.09 dB

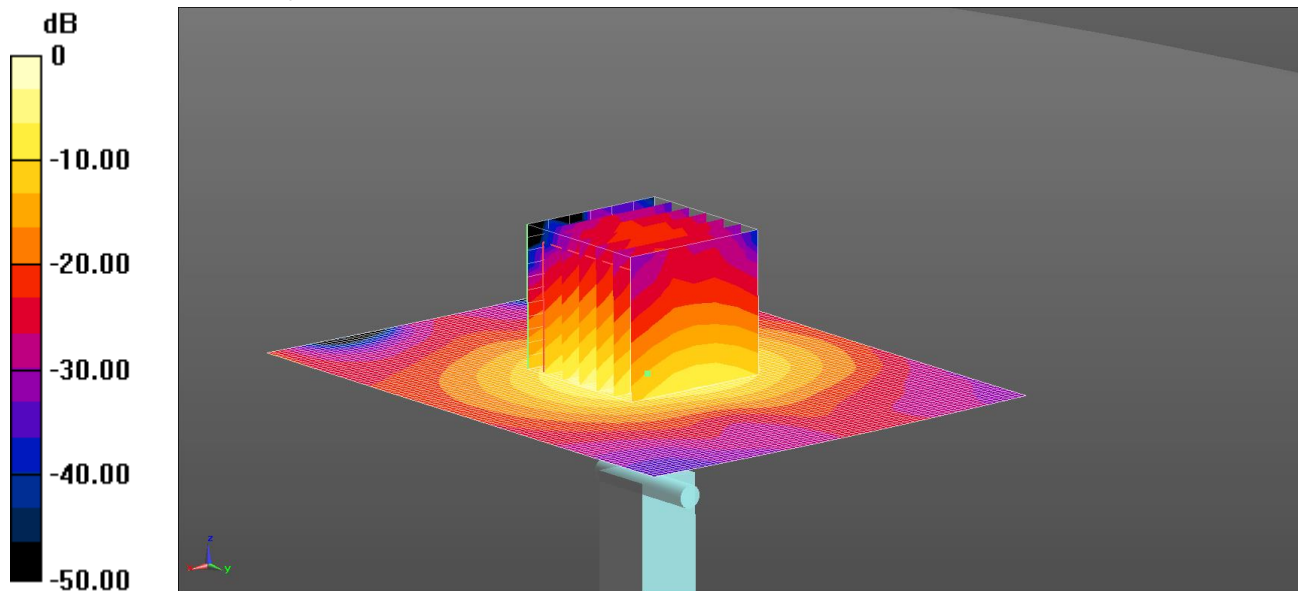
Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 15.4 W/kg

199: System Performance Check 5200 MHz Body 11 08 14 Site 60

Date: 11/8/2014

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

0 dB = 14.5 W/kg = 11.61 dBW/kg

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 47.714$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.44, 4.44, 4.44); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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) = 14.8 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 = 40.94 V/m; Power Drift = -0.32 dB

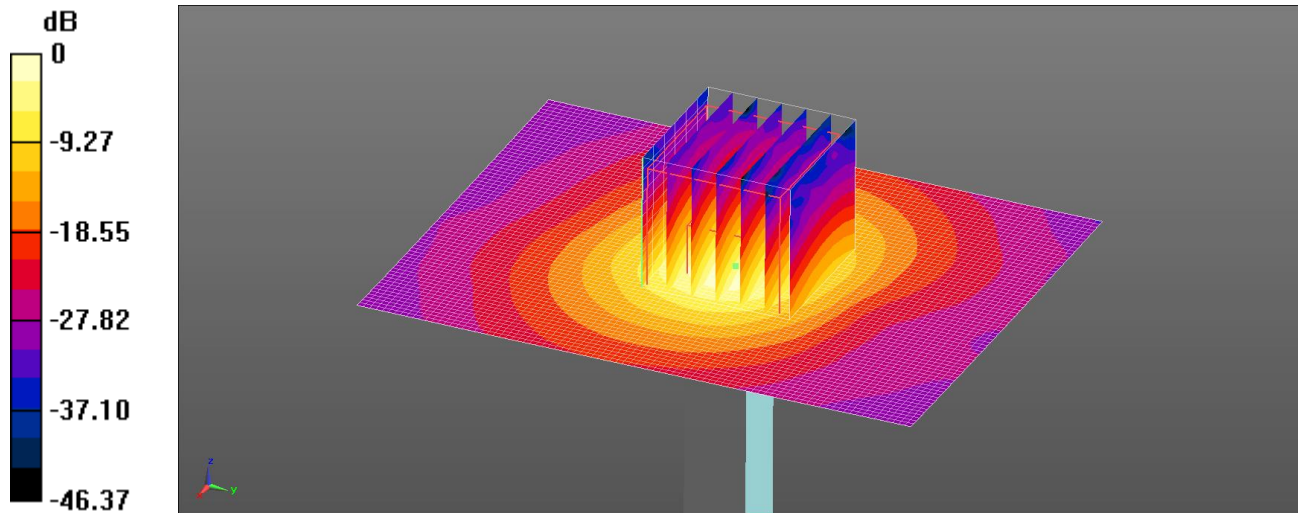
Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 7.1 W/kg; SAR(10 g) = 2.07 W/kg

Maximum value of SAR (measured) = 14.5 W/kg

200: System Performance Check 5200 MHz Body 14 08 14 Site 59

Date: 14/08/2014

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

0 dB = 15.1 W/kg = 11.79 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.439$ S/m; $\epsilon_r = 47.505$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

dx=4mm, dy=4mm, dz=2mm

Reference Value = 39.177 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 33.3 W/kg

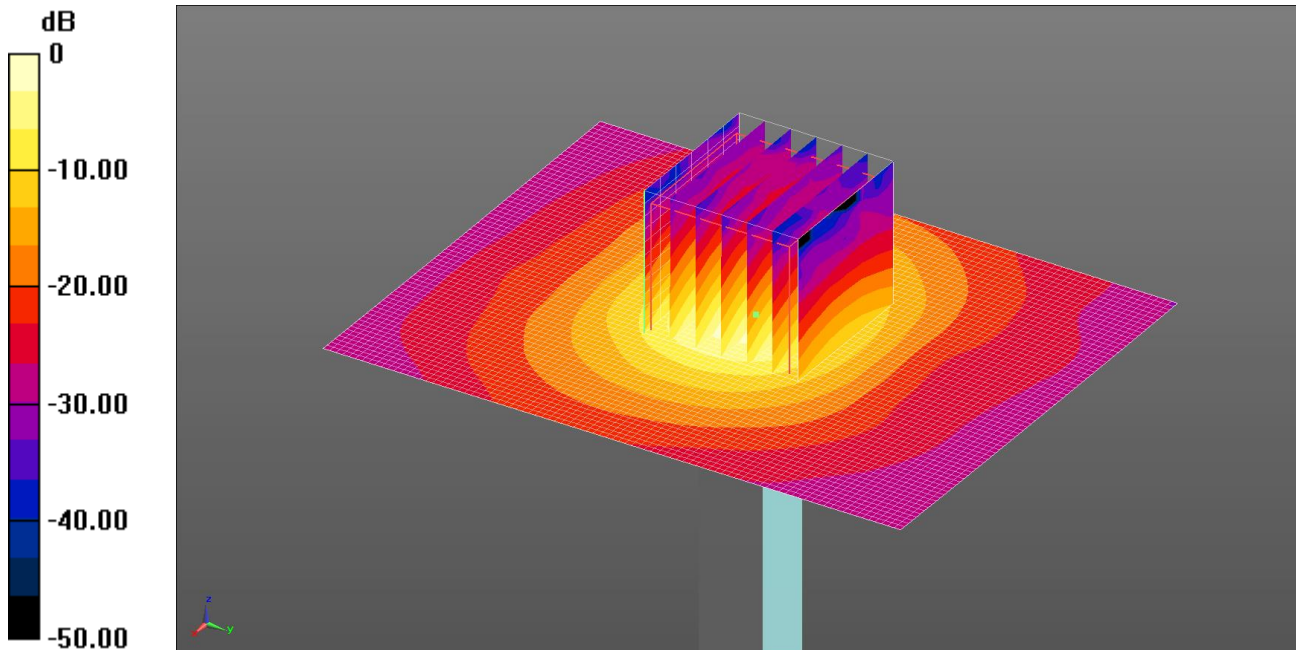
SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 15.1 W/kg

201: System Performance Check 5200 MHz Body 18 08 14 Site 59

Date: 18/08/2014

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



0 dB = 15.3 W/kg = 11.85 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.381$ S/m; $\epsilon_r = 48.522$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

dx=4mm, dy=4mm, dz=2mm

Reference Value = 37.251 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 34.3 W/kg

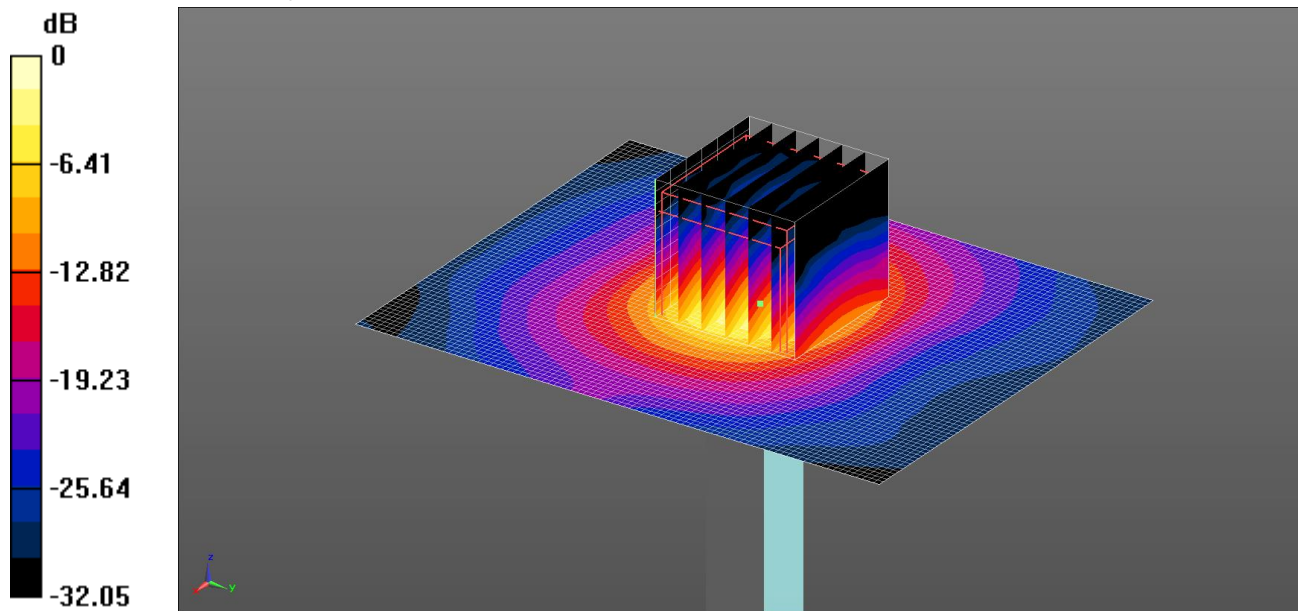
SAR(1 g) = 7.51 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 15.3 W/kg

202: System Performance Check 5200 MHz Body 21 08 14 Site 59

Date: 21/08/2014

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



0 dB = 16.0 W/kg = 12.04 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.329$ S/m; $\epsilon_r = 48.252$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

Reference Value = 36.497 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 34.0 W/kg

SAR(1 g) = 7.19 W/kg; SAR(10 g) = 1.96 W/kg

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

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

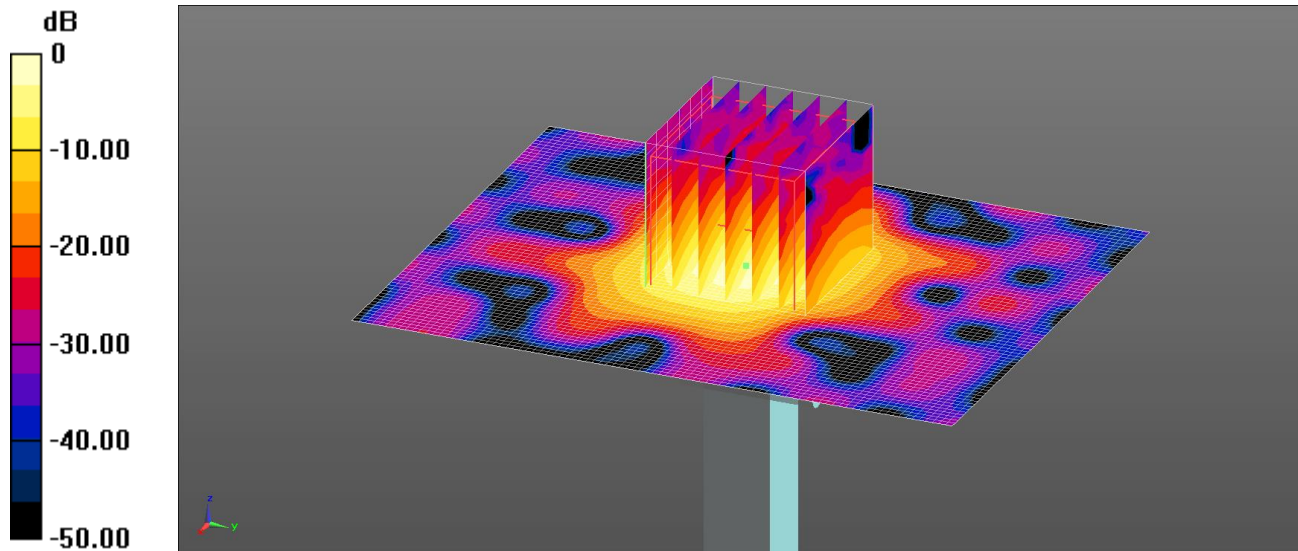
Reference Value = 36.497 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 6.87 W/kg; SAR(10 g) = 1.9 W/kg

Maximum value of SAR (interpolated) = 16.0 W/kg

203: System Performance Check 5200 MHz Body 26 08 14 Site 59

Date: 26/08/2014

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

0 dB = 15.4 W/kg = 11.88 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.375$ S/m; $\epsilon_r = 47.773$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; 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) = 16.5 W/kg

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

dx=4mm, dy=4mm, dz=2mm

Reference Value = 36.670 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 33.4 W/kg

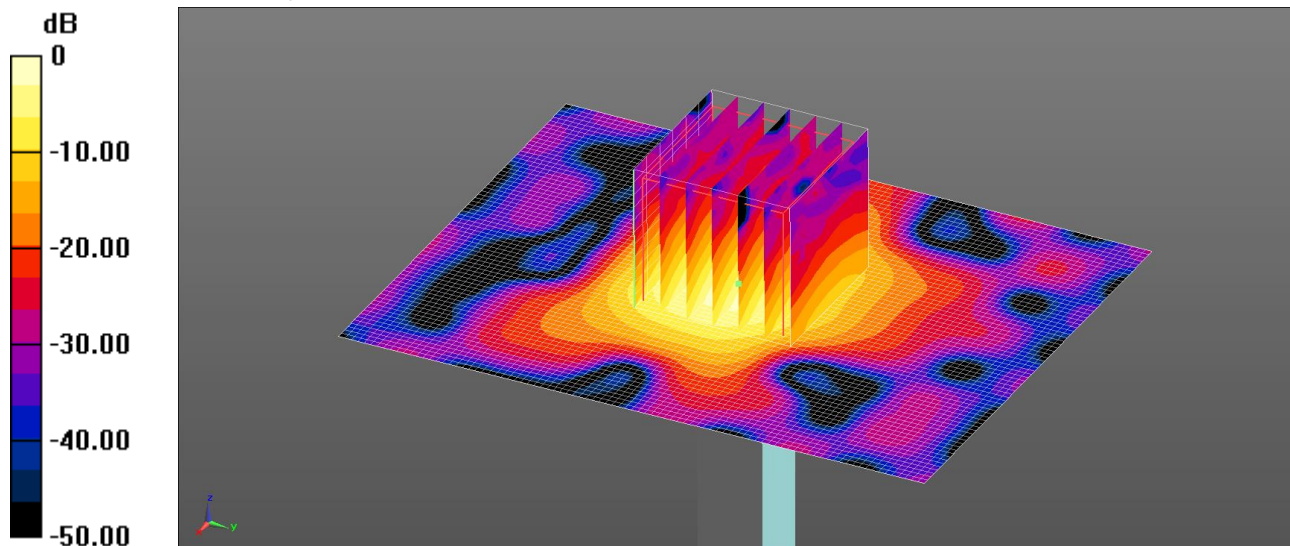
SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 15.4 W/kg

204: System Performance Check 5200 MHz Body 01 09 14 Site 59

Date: 01/09/2014

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



0 dB = 15.1 W/kg = 11.79 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.352$ S/m; $\epsilon_r = 48.403$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.95, 4.95, 4.95); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 15.8 W/kg

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

dx=4mm, dy=4mm, dz=2mm

Reference Value = 36.844 V/m; Power Drift = 0.16 dB

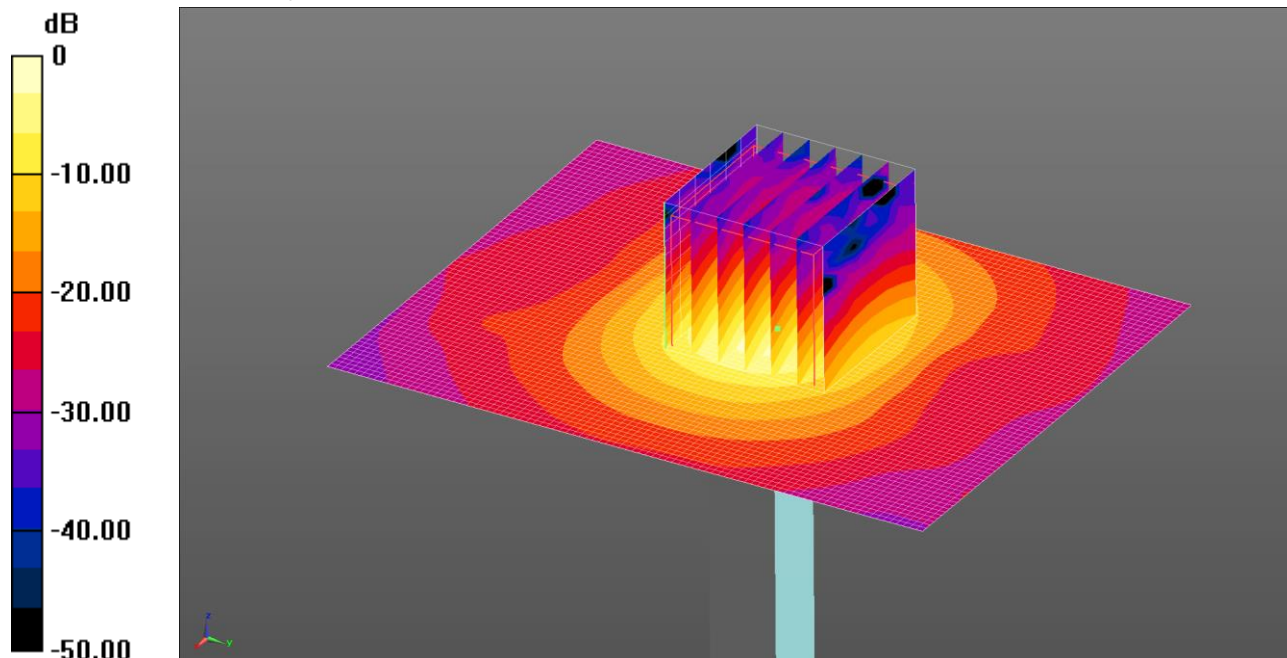
Peak SAR (extrapolated) = 32.0 W/kg

SAR(1 g) = 7.3 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 15.1 W/kg

205: System Performance Check 5500 MHz Body 18 08 14 Site 59

Date/Time: 18/08/2014

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

0 dB = 16.3 W/kg = 12.12 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.744$ S/m; $\epsilon_r = 48.146$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 18.0 W/kg

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

Reference Value = 33.742 V/m; Power Drift = 0.81 dB

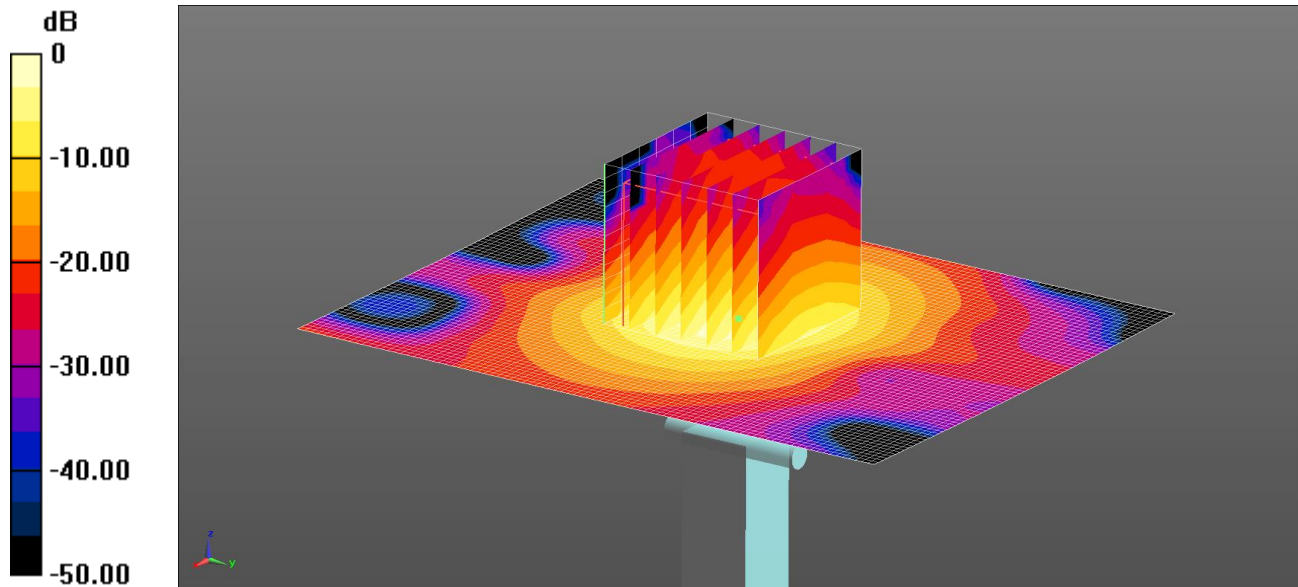
Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.18 W/kg

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

206: System Performance Check 5500 MHz Body 18 08 14 Site 60

Date: 18/08/2014

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

0 dB = 15.5 W/kg = 11.90 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.73$ S/m; $\epsilon_r = 46.869$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/09/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

Reference Value = 40.150 V/m; Power Drift = -0.45 dB

Peak SAR (extrapolated) = 27.7 W/kg

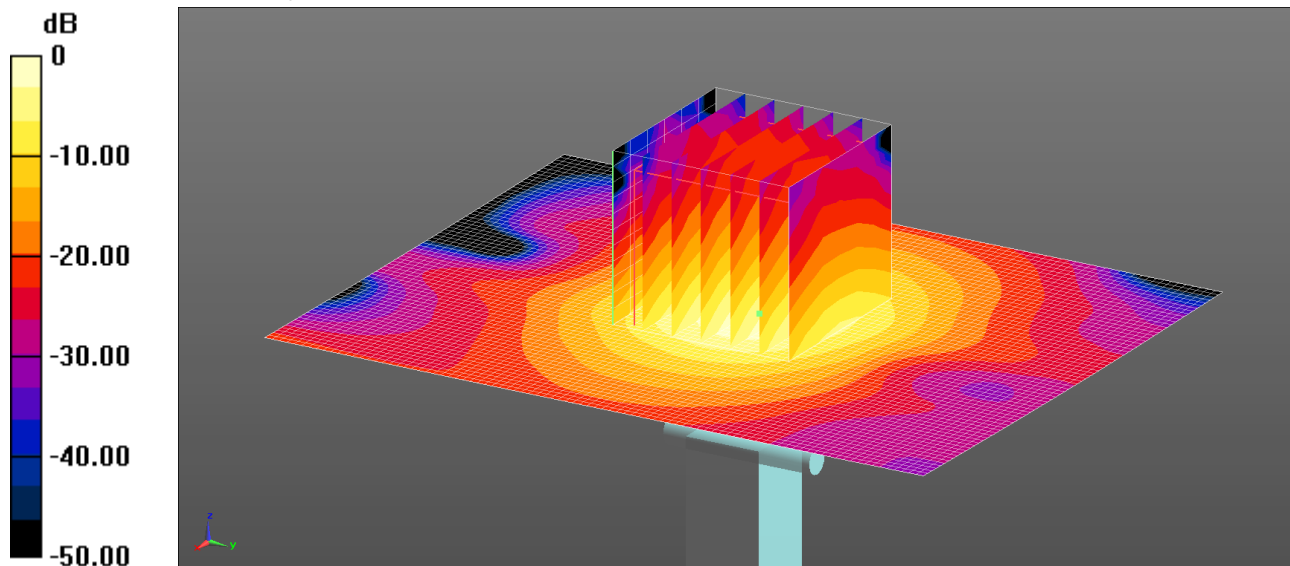
SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 15.5 W/kg

207: System Performance Check 5500 MHz Body 21 08 14 Site 60

Date: 21/08/2014

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



0 dB = 15.2 W/kg = 11.82 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.749$ S/m; $\epsilon_r = 47.003$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/09/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; 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) = 15.8 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 = 39.508 V/m; Power Drift = -0.37 dB

Peak SAR (extrapolated) = 27.1 W/kg

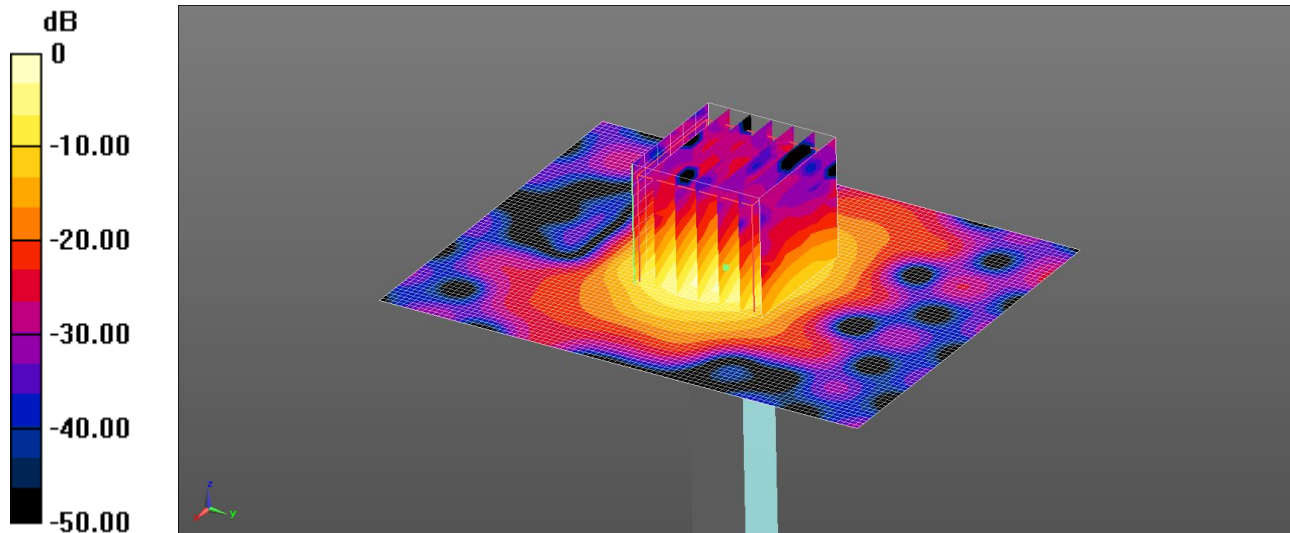
SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

208: System Performance Check 5500 MHz Body 26 08 14 Site 59

Date: 26/08/2014

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



0 dB = 16.3 W/kg = 12.12 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.81$ S/m; $\epsilon_r = 47.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 18.5 W/kg

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

Reference Value = 38.315 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 35.4 W/kg

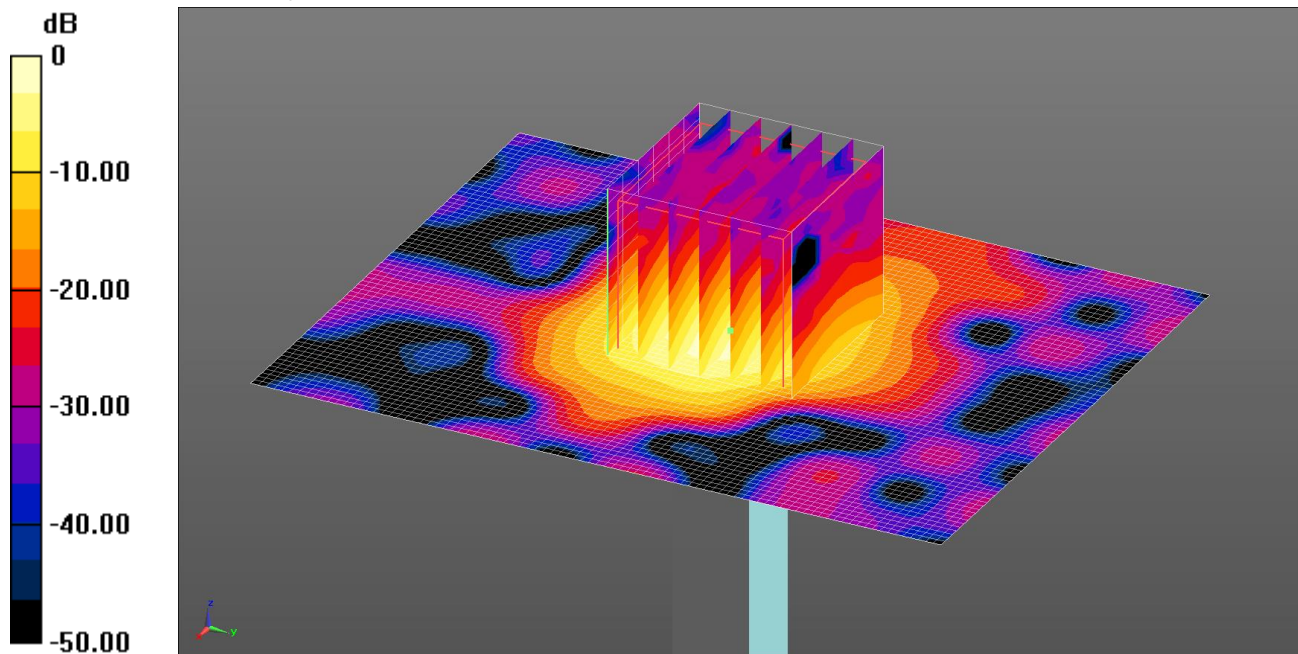
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.09 W/kg

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

209: System Performance Check 5500 MHz Body 01 09 14 Site 59

Date: 01/09/2014

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



0 dB = 17.2 W/kg = 12.36 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.81$ S/m; $\epsilon_r = 47.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 07/05/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; 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) = 18.2 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 = 38.434 V/m; Power Drift = 0.16 dB

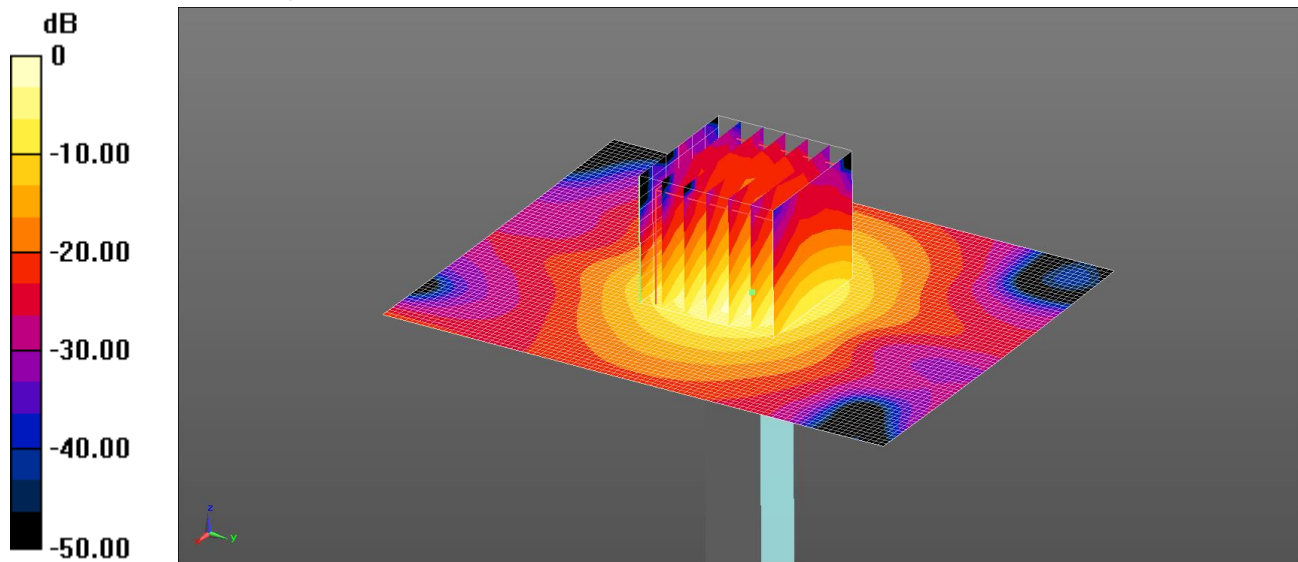
Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.13 W/kg

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

210: System Performance Check 5500 MHz Body 01 09 14 Site 60

Date: 1/9/2014

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

0 dB = 15.8 W/kg = 11.99 dBW/kg

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

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.611$ S/m; $\epsilon_r = 48.809$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.89, 3.89, 3.89); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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

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

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

Reference Value = 41.16 V/m; Power Drift = -0.40 dB

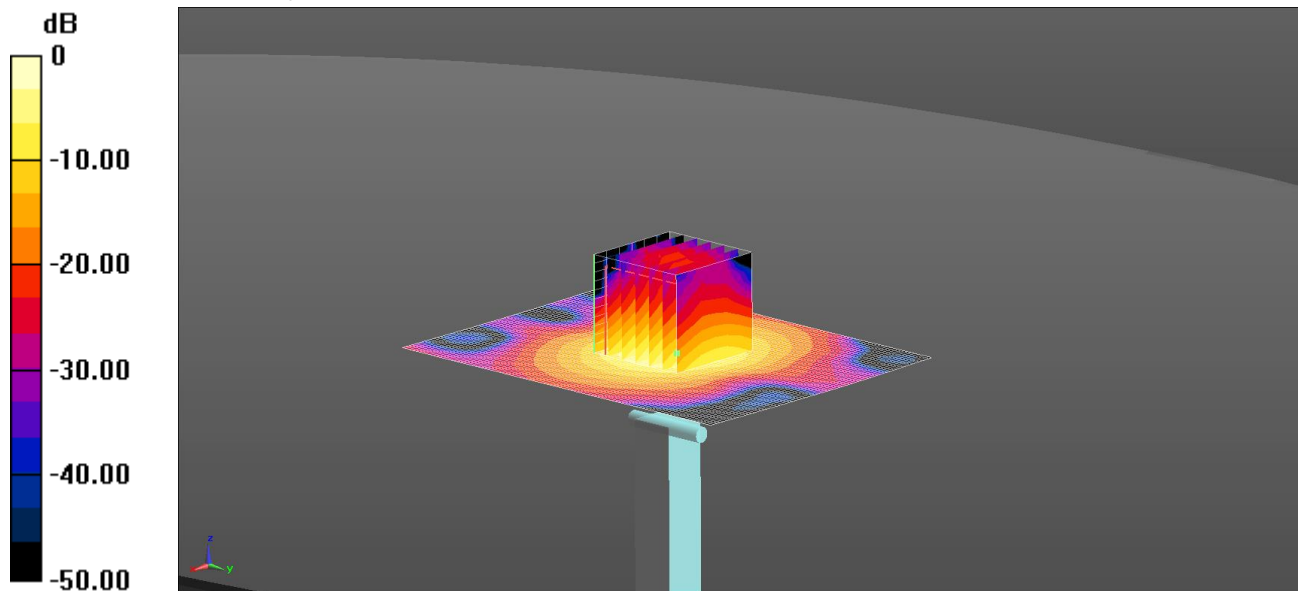
Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 15.8 W/kg

211: System Performance Check 5800 MHz Body 11 08 14 Site 60

Date: 11/8/2014

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

0 dB = 15.1 W/kg = 11.79 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.144$ S/m; $\epsilon_r = 46.309$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014

- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.10 (7331)

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) = 15.7 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 = 36.71 V/m; Power Drift = -0.34 dB

Peak SAR (extrapolated) = 28.0 W/kg

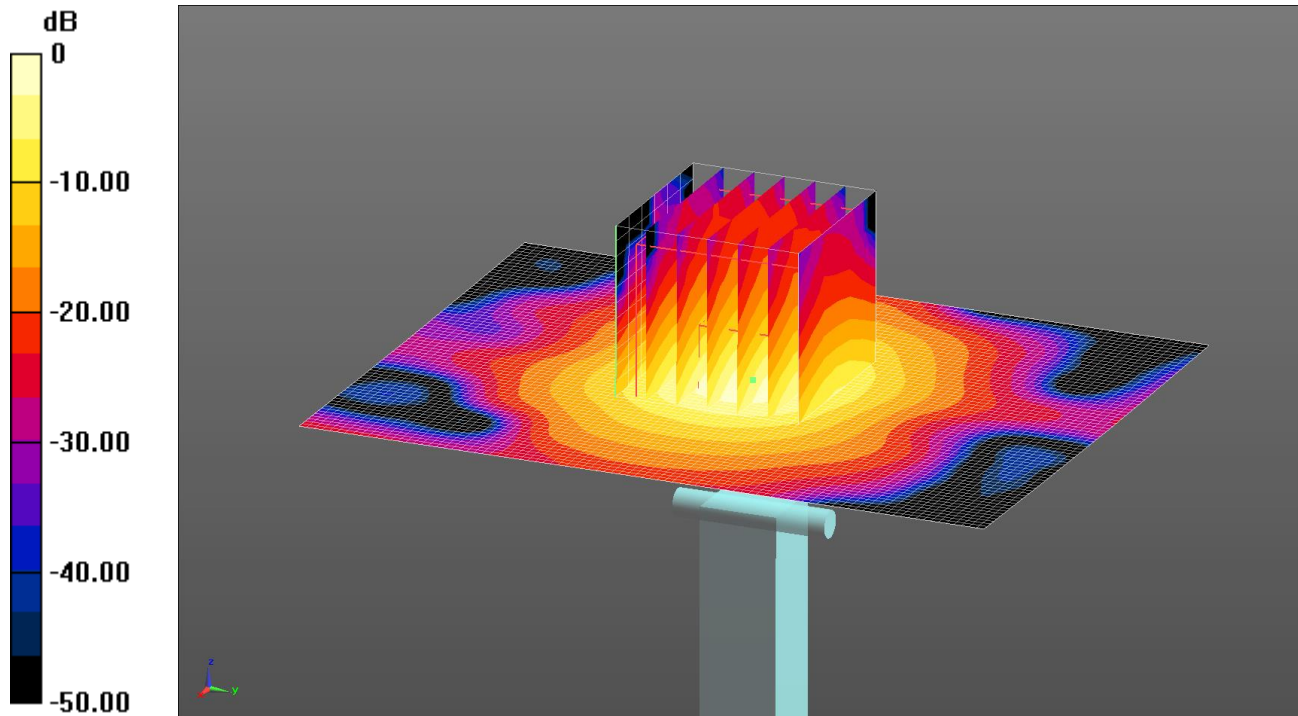
SAR(1 g) = 7.18 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 15.1 W/kg

212: System Performance Check 5800 MHz Body 14 08 14 Site 60

Date: 14/8/2014

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



0 dB = 15.2 W/kg = 11.82 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.127$ S/m; $\epsilon_r = 46.218$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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) = 15.4 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 = 37.03 V/m; Power Drift = -0.17 dB

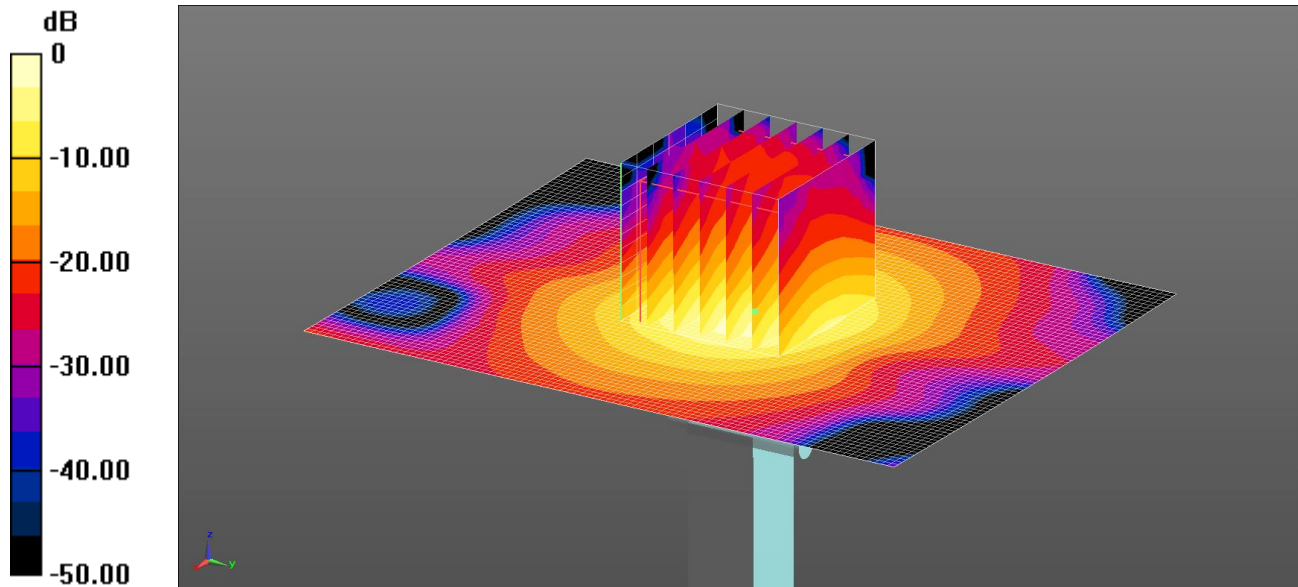
Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

213: System Performance Check 5800 MHz Body 21 08 14 Site 60

Date: 21/08/2014

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

0 dB = 14.2 W/kg = 11.52 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.239$ S/m; $\epsilon_r = 46.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/09/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/05/2014
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; 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) = 15.1 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 = 36.078 V/m; Power Drift = -0.43 dB

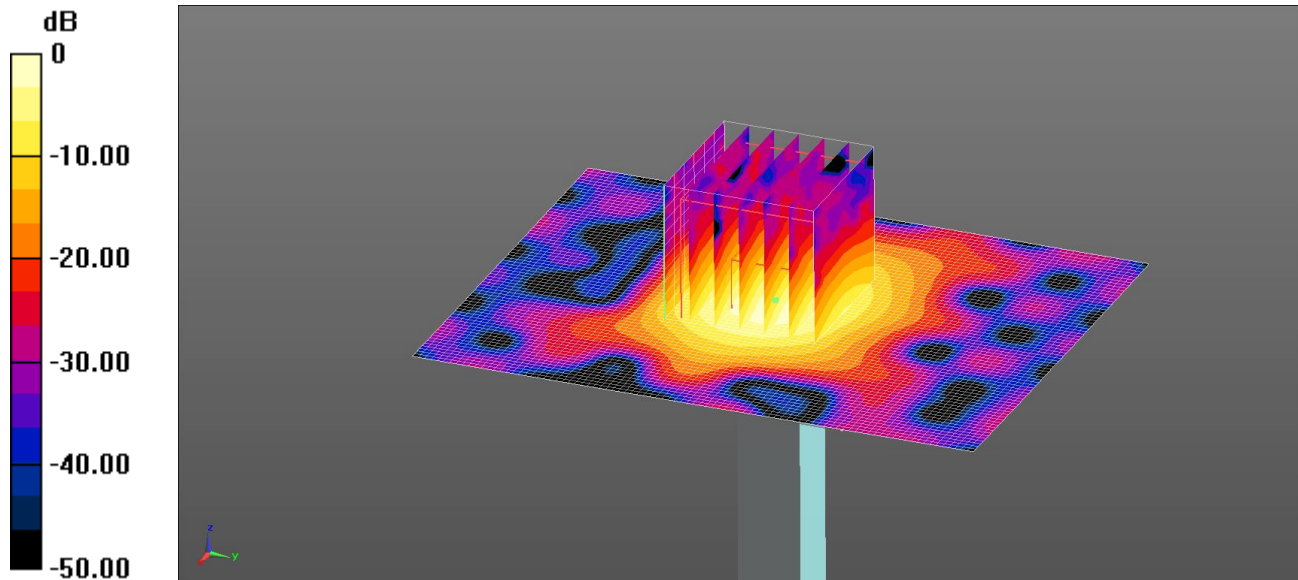
Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 6.97 W/kg; SAR(10 g) = 2 W/kg

Maximum value of SAR (measured) = 14.2 W/kg

214: System Performance Check 5800 MHz Body 01 09 14 Site 59

Date: 1/9/2014

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

0 dB = 15.9 W/kg = 12.01 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.203$ S/m; $\epsilon_r = 47.528$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3994; ConvF(4.27, 4.27, 4.27); Calibrated: 7/5/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

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) = 16.9 W/kg

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

dx=4mm, dy=4mm, dz=2mm

Reference Value = 34.70 V/m; Power Drift = 0.09 dB

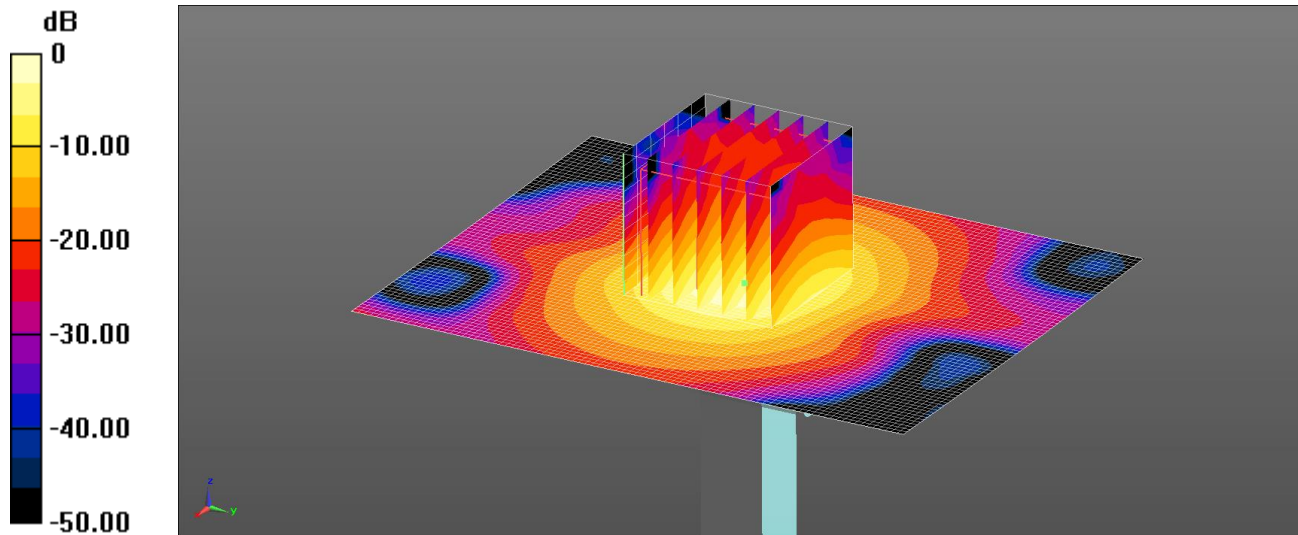
Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 15.9 W/kg

215: System Performance Check 5800 MHz Body 01 09 14 Site 60

Date: 1/9/2014

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

0 dB = 15.2 W/kg = 11.82 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz MSL Medium parameters used: $f = 5800$ MHz; $\sigma = 6.084$ S/m; $\epsilon_r = 48.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.96, 3.96, 3.96); Calibrated: 24/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1438; Calibrated: 12/5/2014
- 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) = 15.7 W/kg

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

Reference Value = 37.27 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 7.26 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 15.2 W/kg