APPENDIX B: SYSTEM VERIFICATION

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

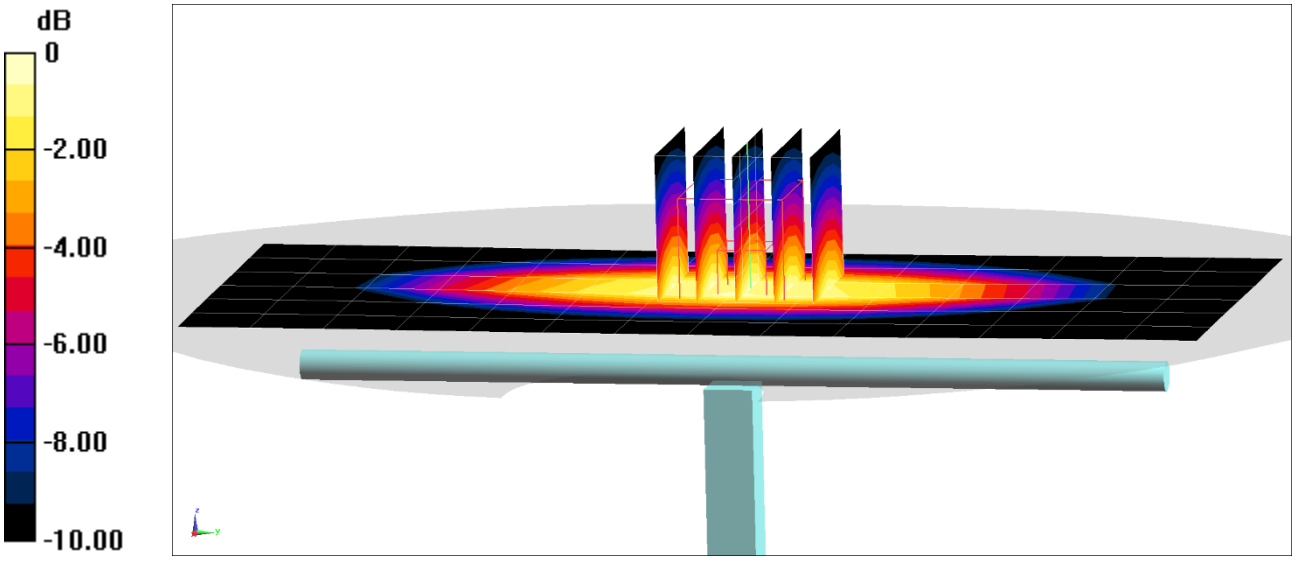
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Head Medium parameters used:
f = 750 MHz; σ = 0.923 S/m; ε_r = 43.827; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/20/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 1.83 W/kg
Deviation(1 g) = 4.21%



0 dB = 2.50 W/kg = 3.98 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

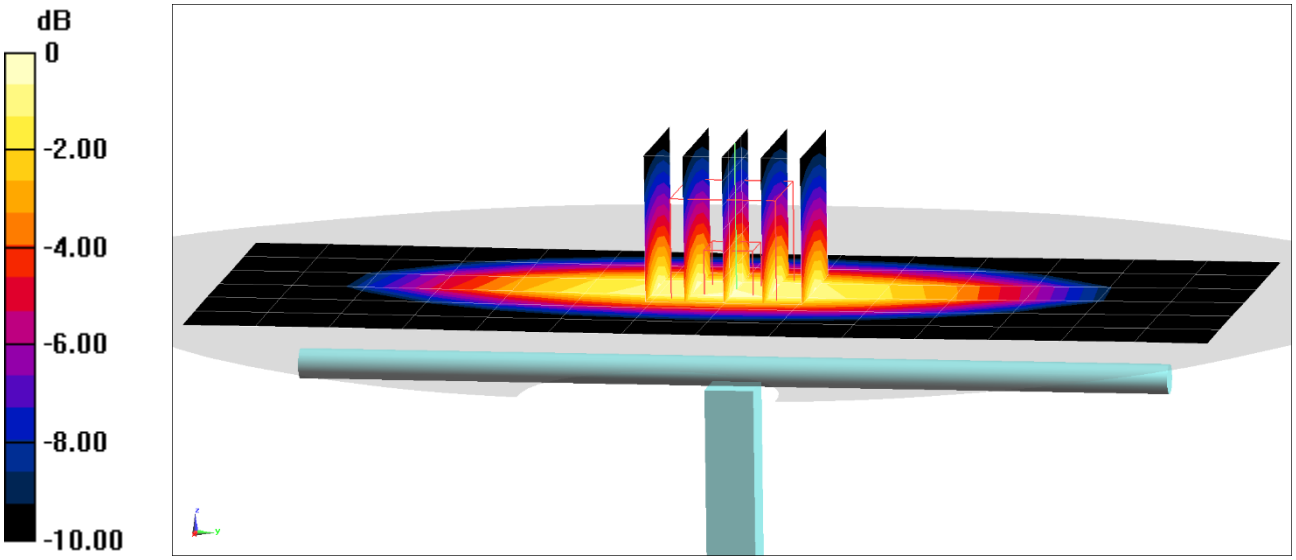
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Head Medium parameters used:
f = 750 MHz; σ = 0.921 S/m; ε_r = 41.896; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/25/2021; Ambient Temp: 23.8°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 1.66 W/kg
Deviation(1 g) = -5.47%



0 dB = 2.26 W/kg = 3.54 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

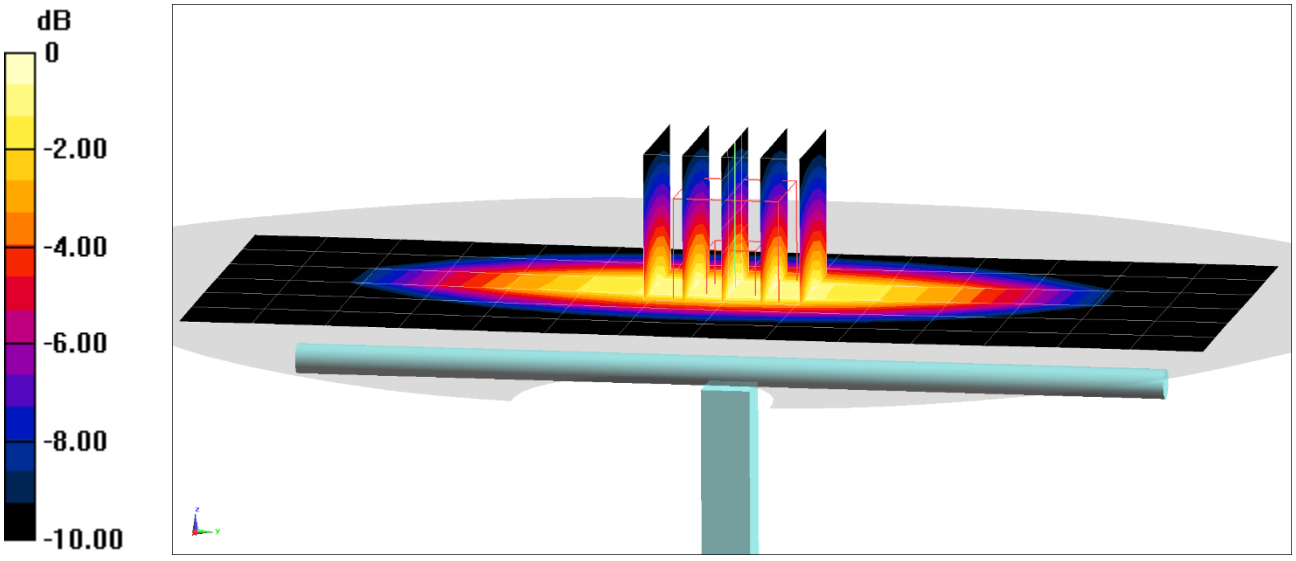
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Head Medium parameters used:
f = 750 MHz; σ = 0.923 S/m; ε_r = 42.18; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/27/2021; Ambient Temp: 24.4°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF(10.18, 10.18, 10.18) @ 750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.71 W/kg
SAR(1 g) = 1.72 W/kg
Deviation(1 g) = -2.05%



0 dB = 2.36 W/kg = 3.73 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

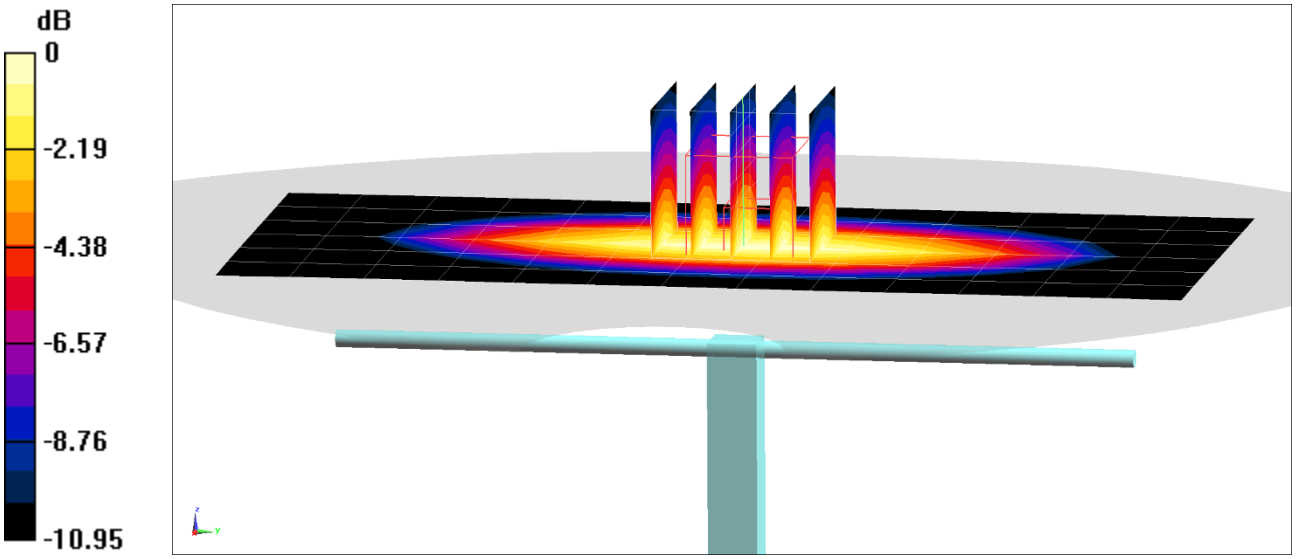
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used:
f = 835 MHz; σ = 0.917 S/m; ε_r = 42.495; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/06/2021; Ambient Temp: 22.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 1.87 W/kg
Deviation(1 g) = -0.85%



0 dB = 2.56 W/kg = 4.08 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

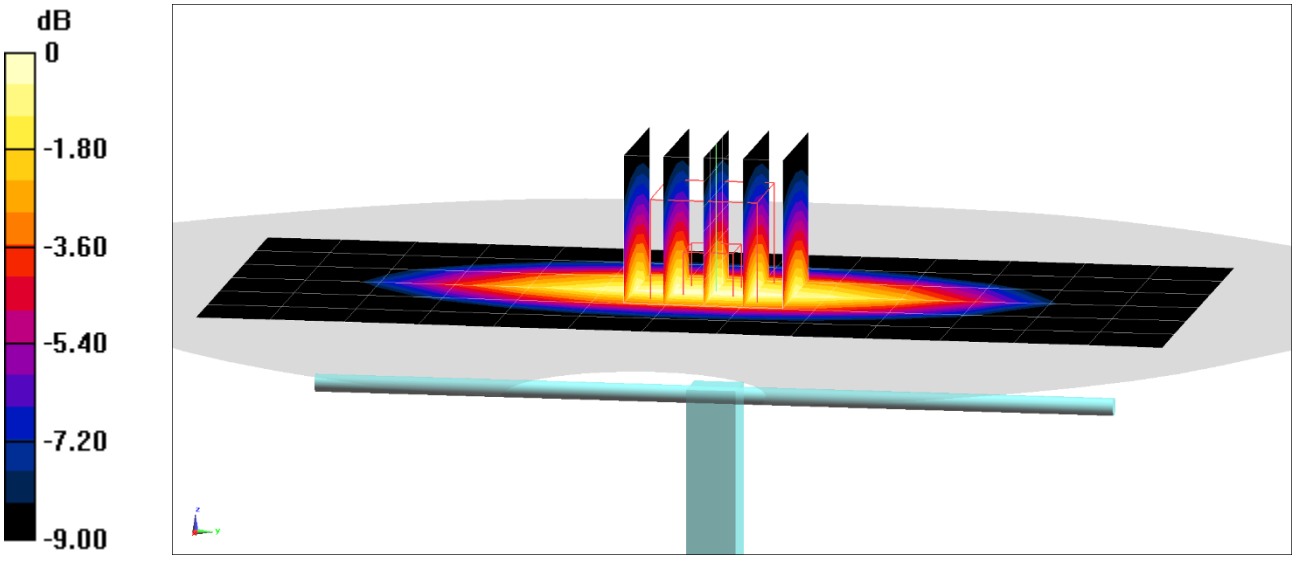
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used:
f = 835 MHz; σ = 0.884 S/m; ε_r = 41.054; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/27/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 1.84 W/kg
Deviation(1 g) = -2.34%



0 dB = 2.49 W/kg = 3.96 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

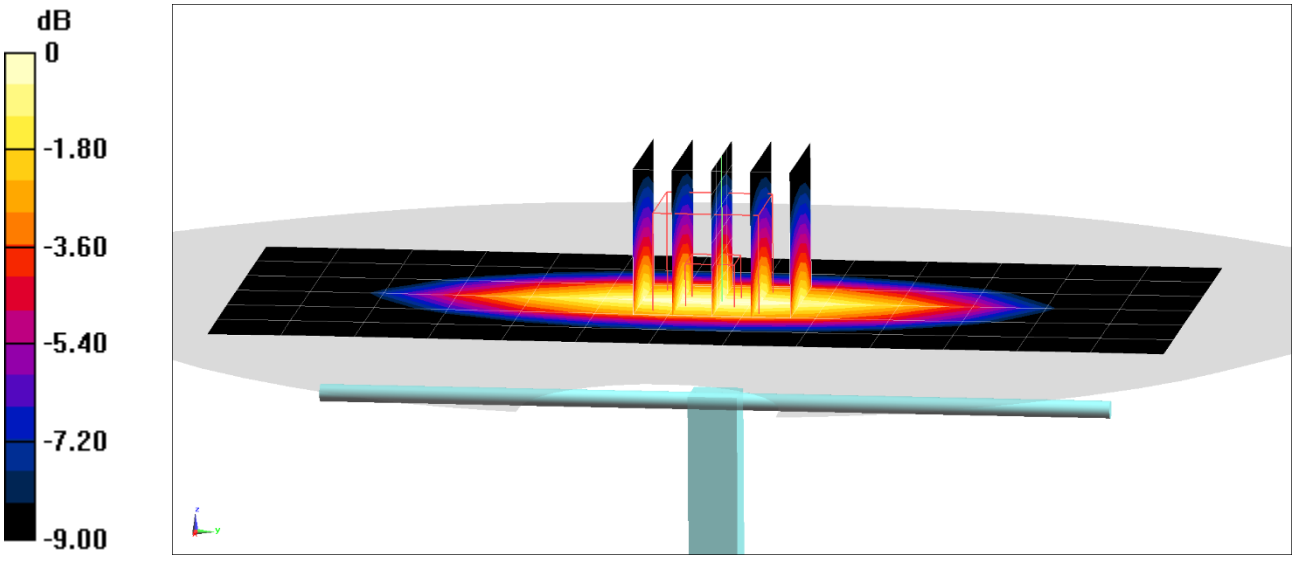
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Head Medium parameters used:
f = 835 MHz; σ = 0.899 S/m; ε_r = 42.053; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/30/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7308; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 1.8 W/kg
Deviation(1 g) = -4.46%



0 dB = 2.47 W/kg = 3.93 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

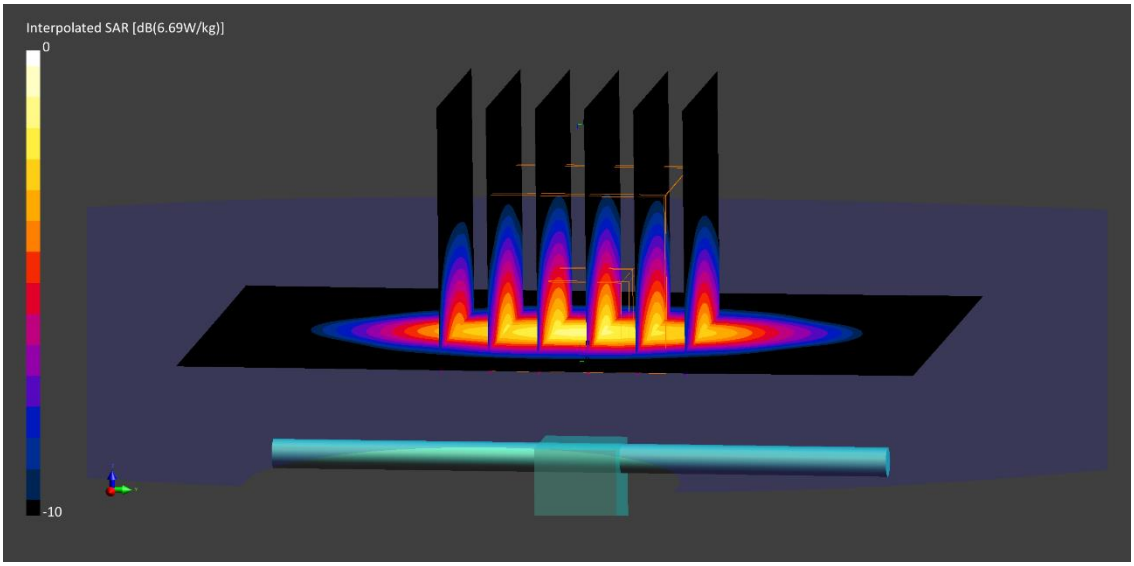
Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Head; Medium parameters used:
f = 1750.0 MHz; σ = 1.39 S/m; ε_r = 41.2; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/11/2021; Ambient Temp: 22.1°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7526; ConvF:(7.82,7.82,7.82); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (60.0 x 90.0): Measurement grid: dx=15.0mm, dy=15.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 6.69 W/kg
SAR(1 g) = 3.65 W/kg
Deviation (1 g) = 0.00%



PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

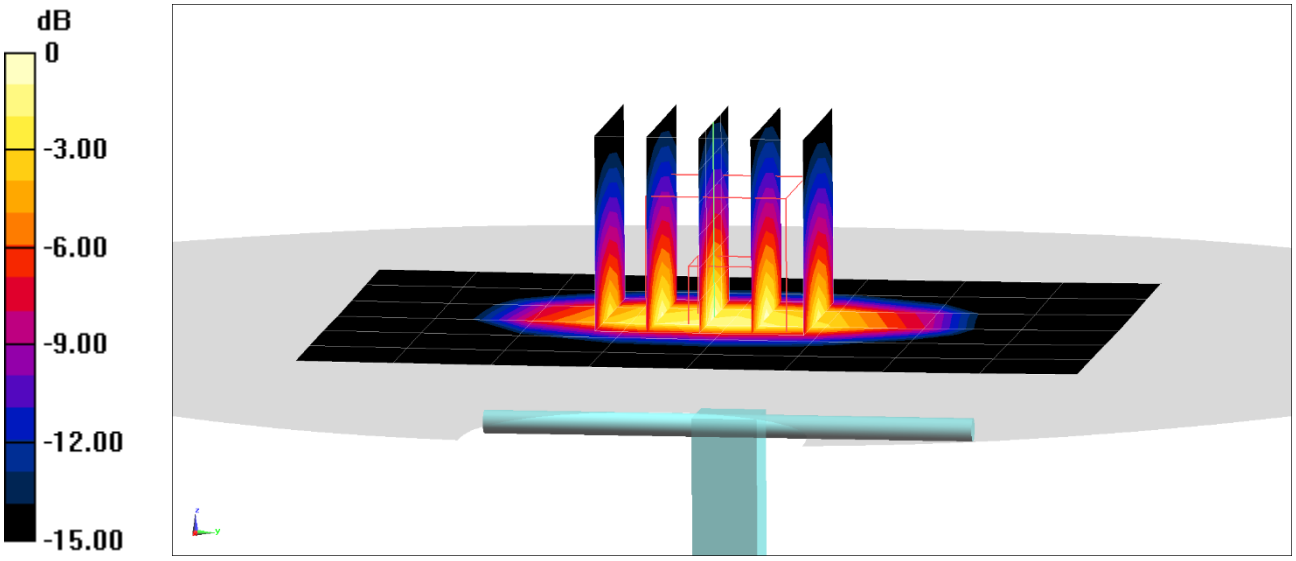
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Head Medium parameters used:
f = 1750 MHz; σ = 1.393 S/m; ε_r = 40.373; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/16/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7357; ConvF(8.67, 8.67, 8.67) @ 1750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 6.58 W/kg
SAR(1 g) = 3.51 W/kg
Deviation(1 g) = -3.84%



0 dB = 5.46 W/kg = 7.37 dBW/kg

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

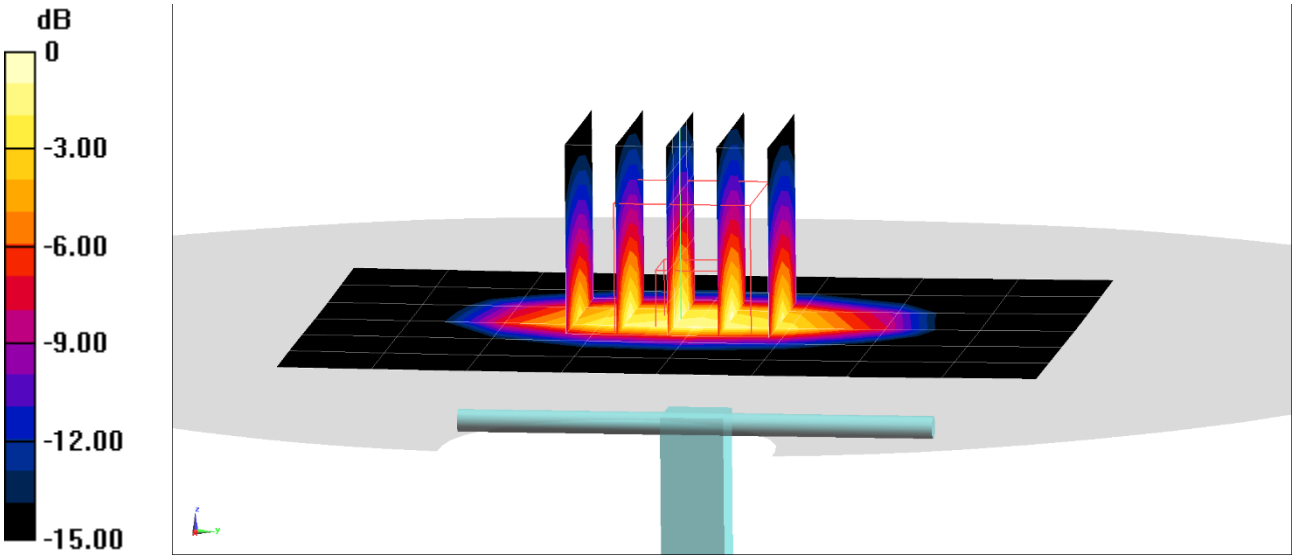
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Head Medium parameters used:
f = 1750 MHz; σ = 1.397 S/m; ε_r = 41.108; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/18/2021; Ambient Temp: 23.0°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7357; ConvF(8.67, 8.67, 8.67) @ 1750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.14 W/kg
SAR(1 g) = 3.82 W/kg
Deviation(1 g) = 4.66%



0 dB = 5.93 W/kg = 7.73 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

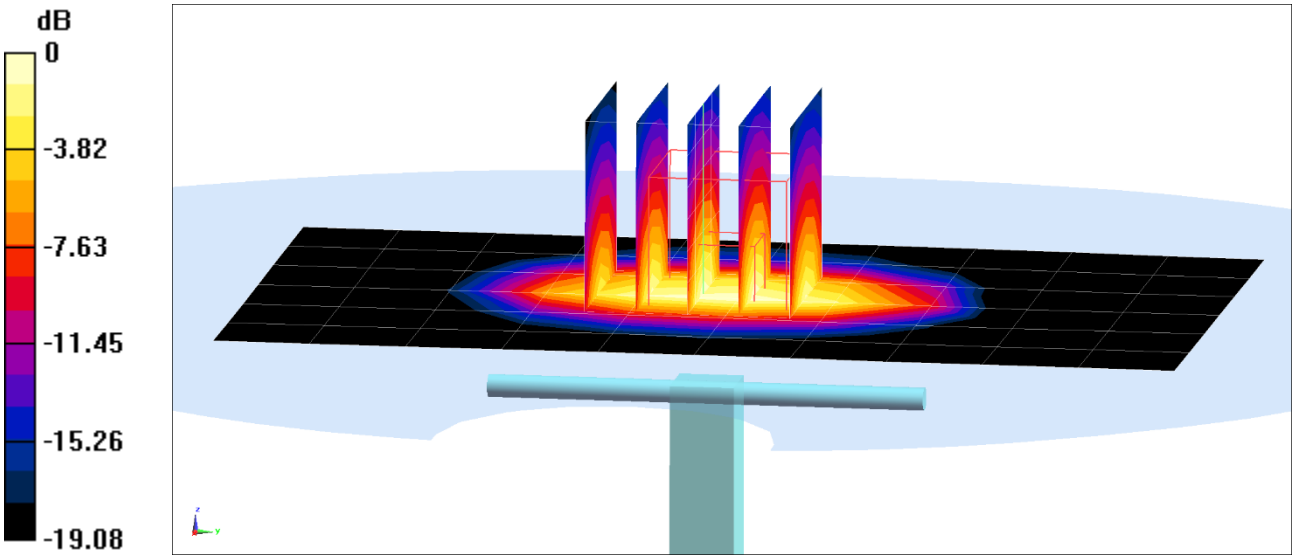
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Head Medium parameters used:
f = 1900 MHz; σ = 1.426 S/m; ε_r = 38.627; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/06/2021; Ambient Temp: 23.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1900 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 8.20 W/kg
SAR(1 g) = 4.24 W/kg
Deviation(1 g) = 6.53%



0 dB = 6.62 W/kg = 8.21 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

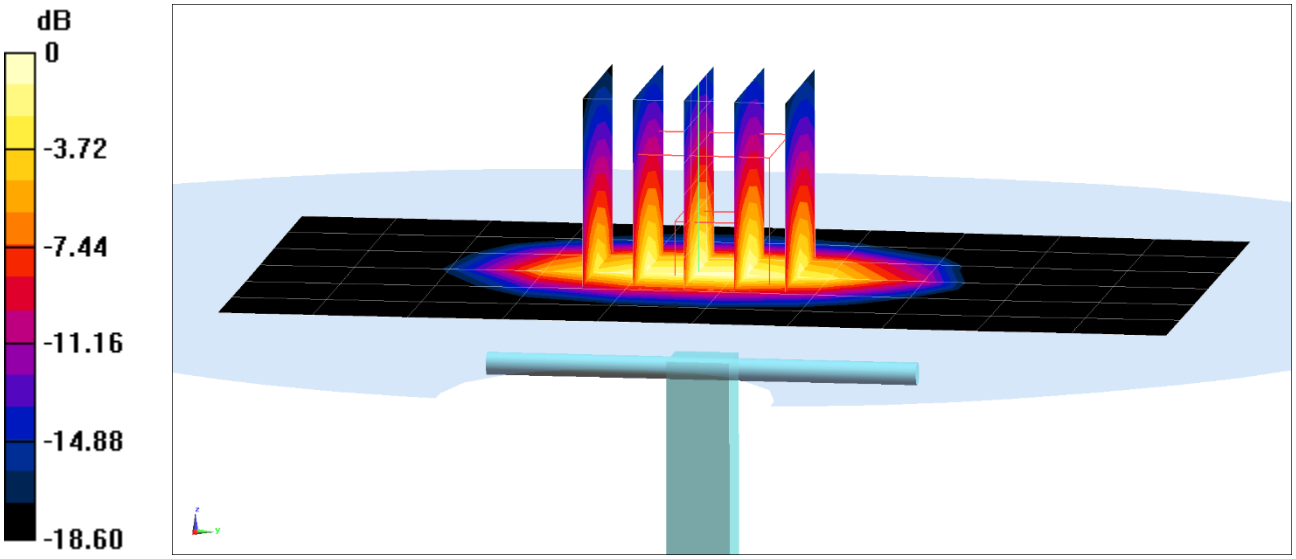
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Head Medium parameters used:
f = 1900 MHz; σ = 1.451 S/m; ε_r = 38.157; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/08/2021; Ambient Temp: 24.9°C; Tissue Temp: 23.3°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1900 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.82 W/kg
SAR(1 g) = 4.1 W/kg
Deviation(1 g) = 3.02%



0 dB = 6.47 W/kg = 8.11 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d149

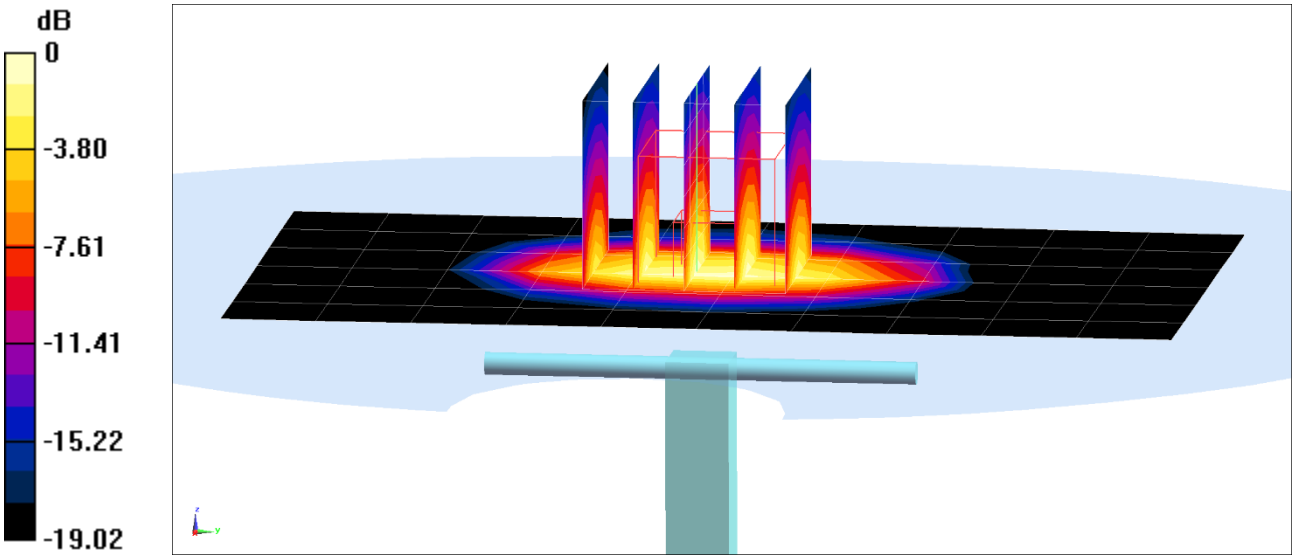
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Head Medium parameters used:
f = 1900 MHz; σ = 1.428 S/m; ε_r = 38.076; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 23.6°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7571; ConvF(8.01, 8.01, 8.01) @ 1900 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 8.19 W/kg
SAR(1 g) = 4.17 W/kg
Deviation(1 g) = 6.11%



0 dB = 6.66 W/kg = 8.23 dBW/kg

PCTEST

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1073

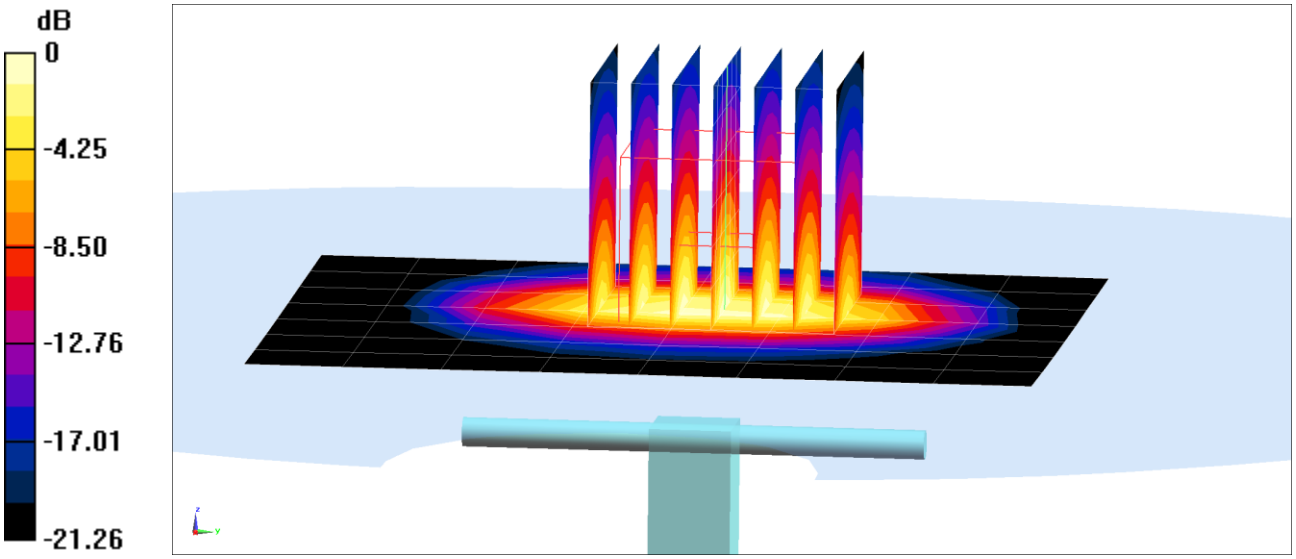
Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used:
f = 2300 MHz; σ = 1.696 S/m; ε_r = 40.348; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/25/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 2300 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2300 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 4.92 W/kg
Deviation(1 g) = 0.00%



0 dB = 8.28 W/kg = 9.18 dBW/kg

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 719

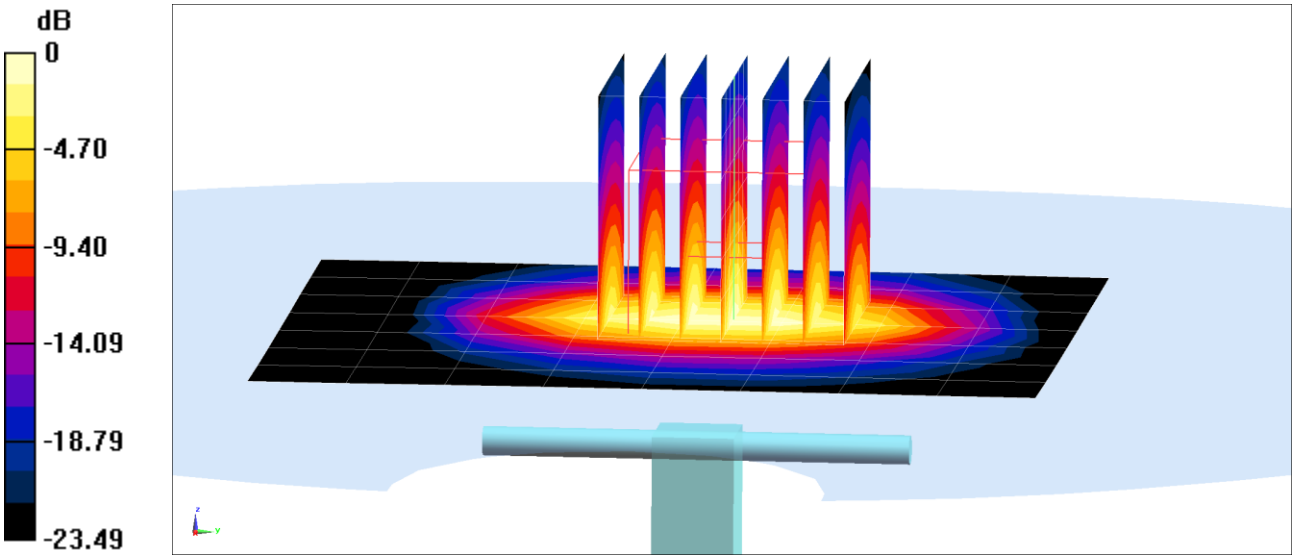
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used:
f = 2450 MHz; σ = 1.863 S/m; ε_r = 39.847; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/25/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2450 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 5.12 W/kg
Deviation(1 g) = -0.39%



0 dB = 8.90 W/kg = 9.49 dBW/kg

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1064

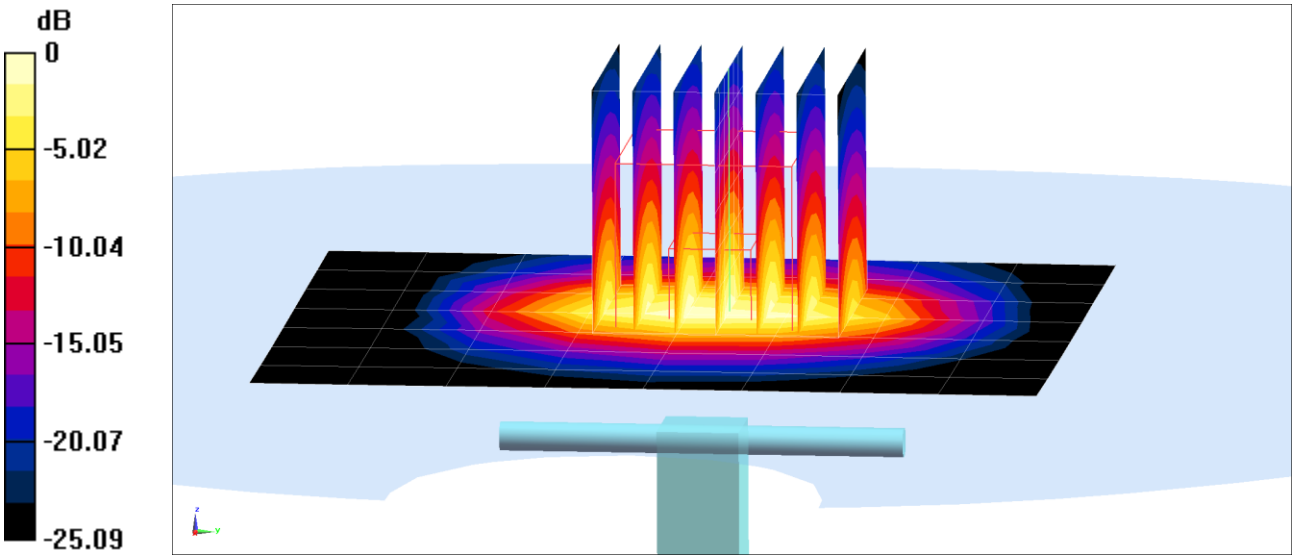
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used:
f = 2600 MHz; σ = 2.036 S/m; ε_r = 39.317; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/25/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(7.05, 7.05, 7.05) @ 2600 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 13.6 W/kg
SAR(1 g) = 5.91 W/kg
Deviation(1 g) = 1.72%



0 dB = 10.5 W/kg = 10.21 dBW/kg

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1073

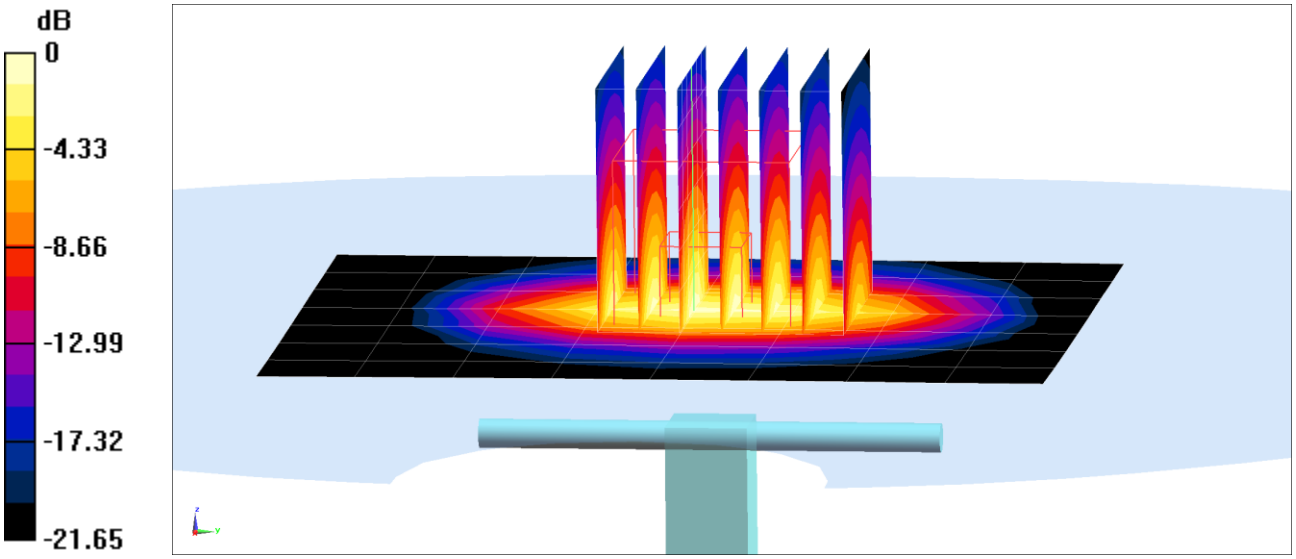
Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used:
f = 2300 MHz; σ = 1.715 S/m; ε_r = 40.172; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/27/2021; Ambient Temp: 23.3°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7571; ConvF(7.56, 7.56, 7.56) @ 2300 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2300 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 4.99 W/kg
Deviation(1 g) = 1.42%



0 dB = 8.21 W/kg = 9.14 dBW/kg

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 719

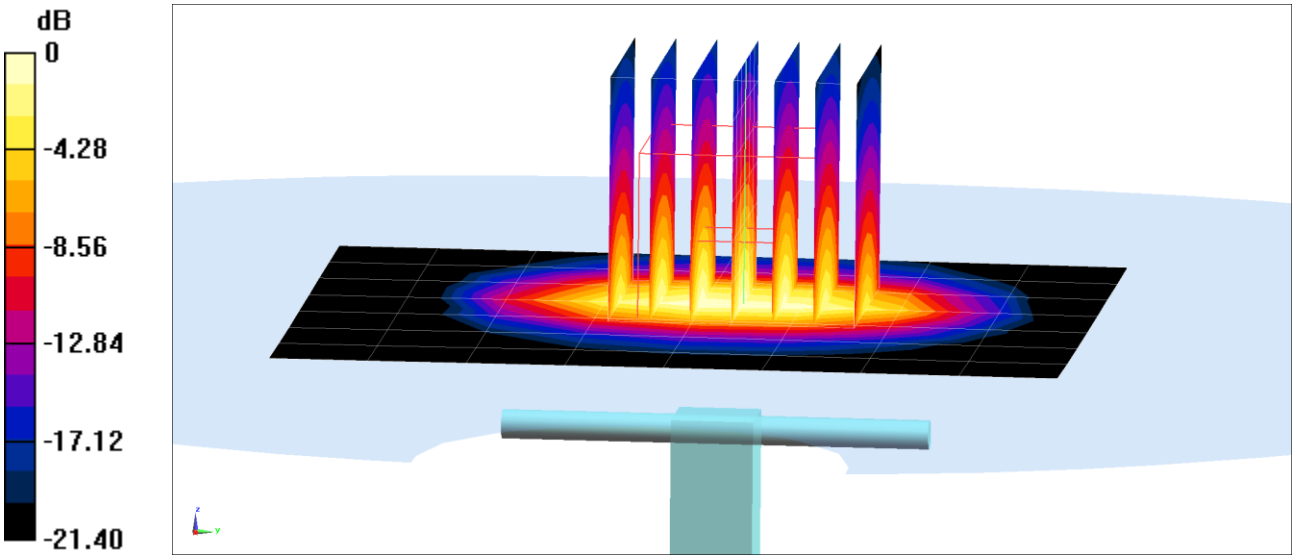
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used:
f = 2450 MHz; σ = 1.873 S/m; ε_r = 39.689; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/27/2021; Ambient Temp: 23.3°C; Tissue Temp: 24.0°C

Probe: EX3DV4 - SN7571; ConvF(7.28, 7.28, 7.28) @ 2450 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 5.43 W/kg
Deviation(1 g) = 5.64%



0 dB = 8.97 W/kg = 9.53 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1064

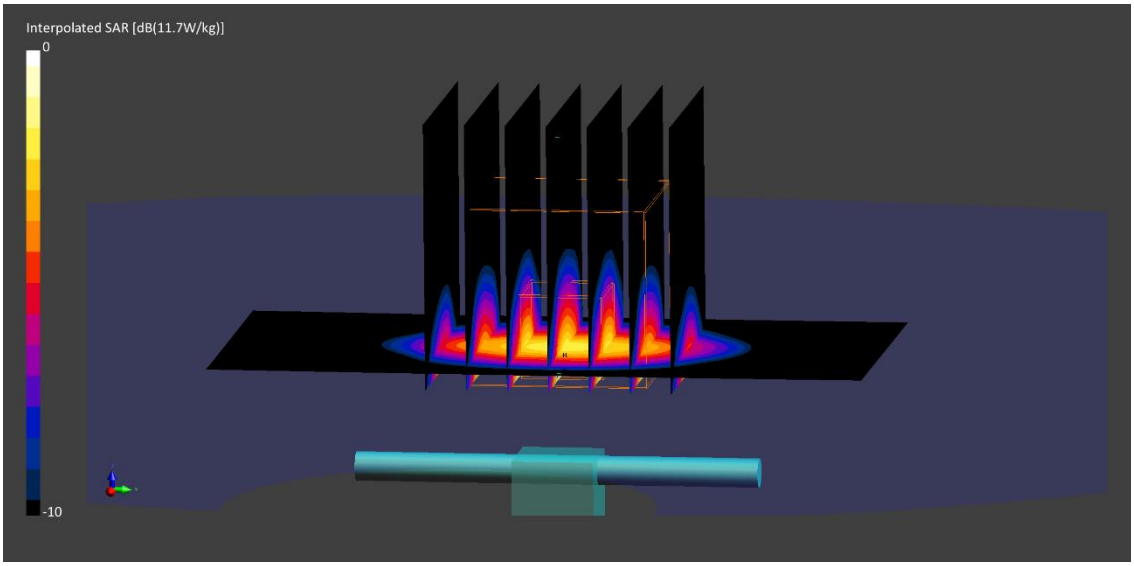
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2600.0 MHz; σ = 1.99 S/m; ε_r = 40.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/28/2021; Ambient Temp: 21.5°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7526; ConvF:(7.04,7.04,7.04); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 5.49 W/kg
Deviation (1 g) = -5.51%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 719

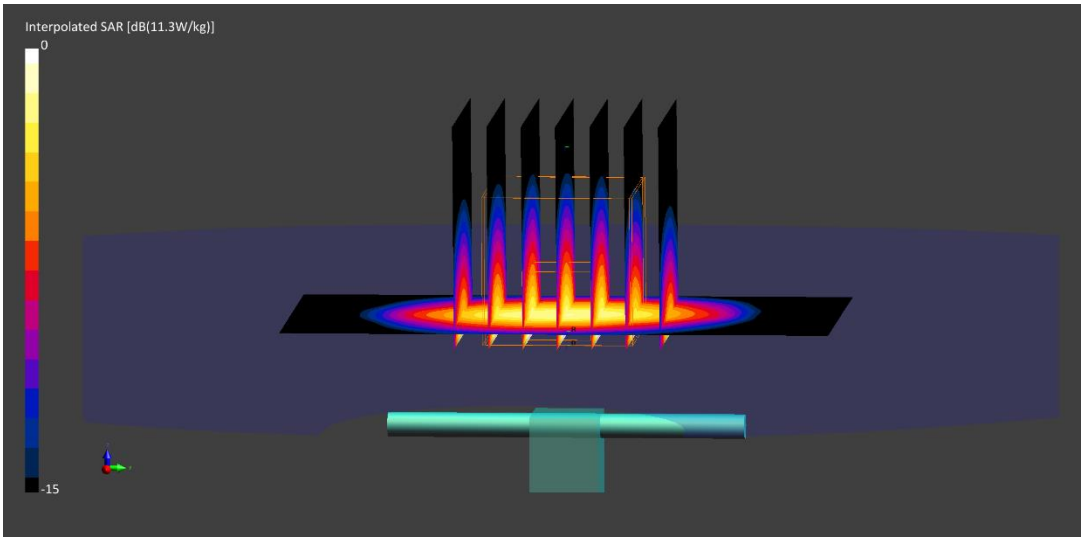
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Head; Medium parameters used:
f = 2450.0 MHz; σ = 1.86 S/m; ε_r = 39.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/29/2021; Ambient Temp: 21.9°C; Tissue Temp: 20.8°C

Probe: EX3DV4 - SN7539; ConvF:(7.43,7.43,7.43); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 5.39 W/kg
Deviation (1 g) = 4.86%



PCTEST

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1097

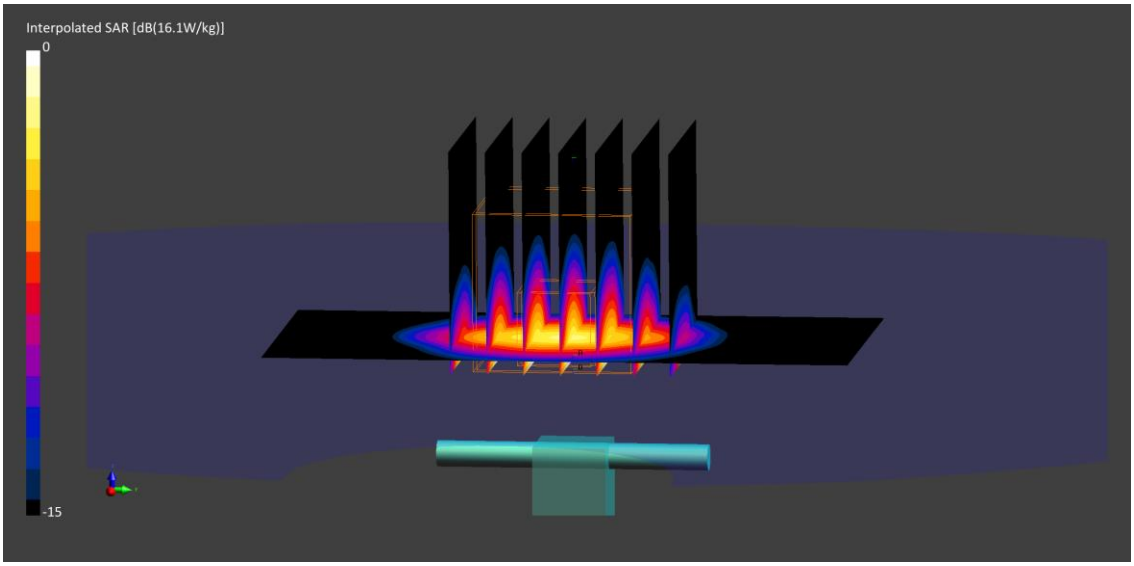
Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; σ = 2.88 S/m; ε_r = 38.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/28/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.76,6.76,6.76); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 6.33 W/kg
Deviation (1 g) = -4.67%



PCTEST

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1067

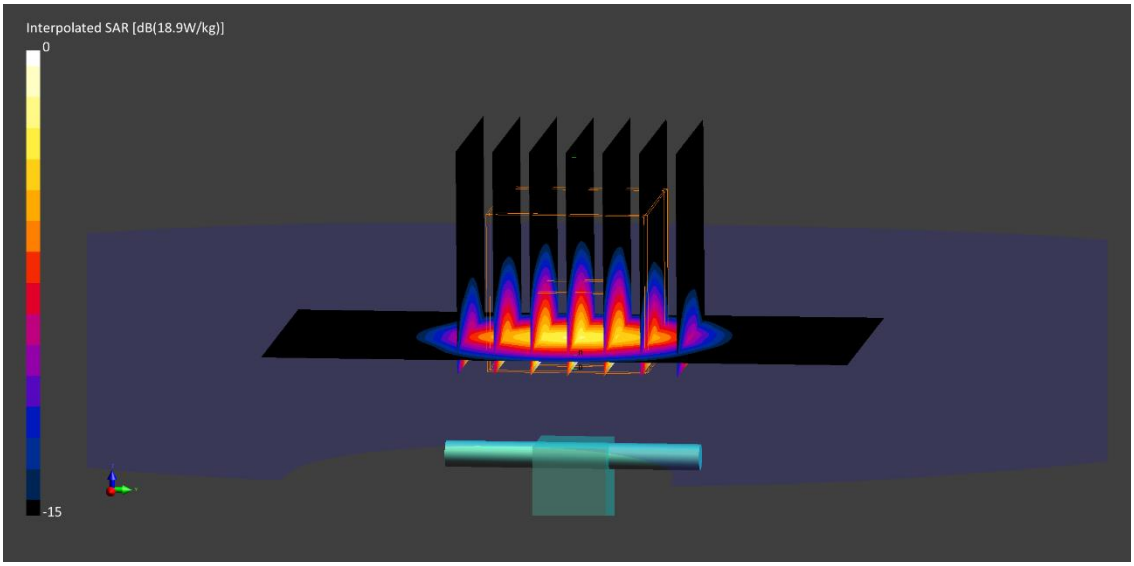
Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; σ = 3.07 S/m; ε_r = 38.4; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/28/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.55,6.55,6.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 7.06 W/kg
Deviation (1 g) = 5.06%



PCTEST

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1059

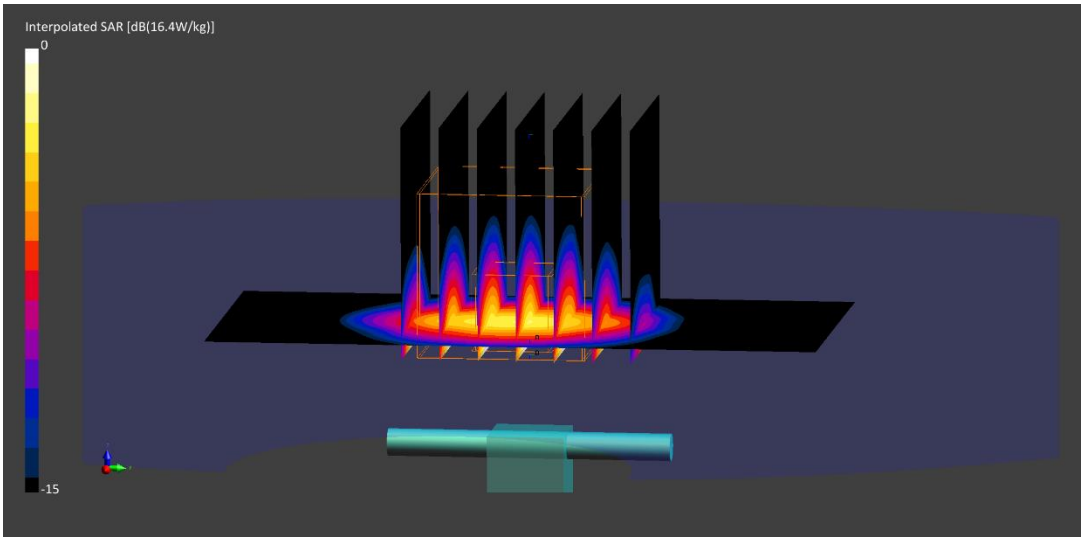
Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3500.0 MHz; σ = 2.88 S/m; ε_r = 38.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/10/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.76,6.76,6.76); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 6.39 W/kg
Deviation (1 g) = 0.31%



DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1018

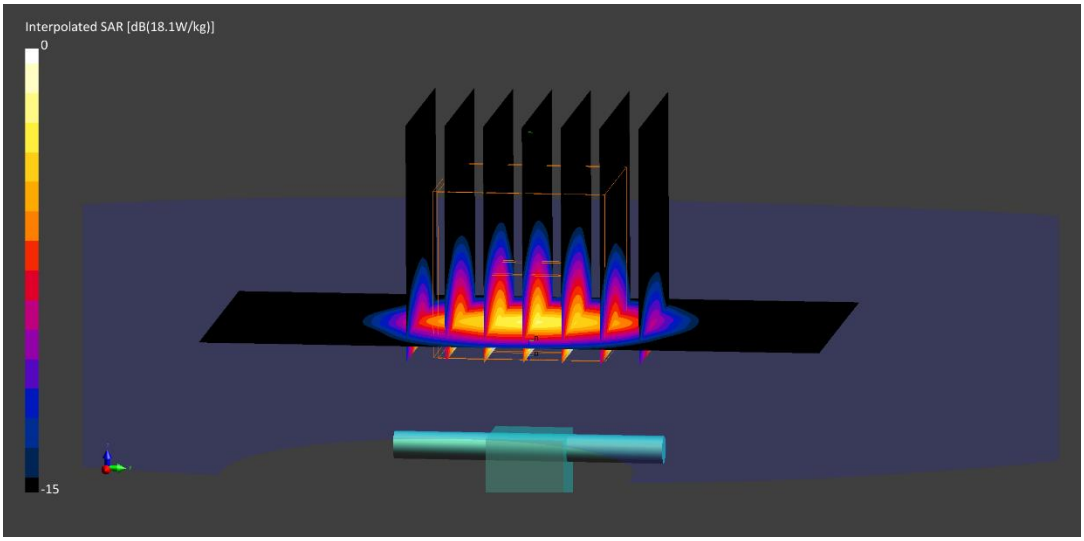
Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3700.0 MHz; σ = 3.07 S/m; ε_r = 37.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/10/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.55,6.55,6.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 6.81 W/kg
Deviation (1 g) = 1.64%



DUT: Dipole 3900 MHz; Type: D3900V2; Serial: 1056

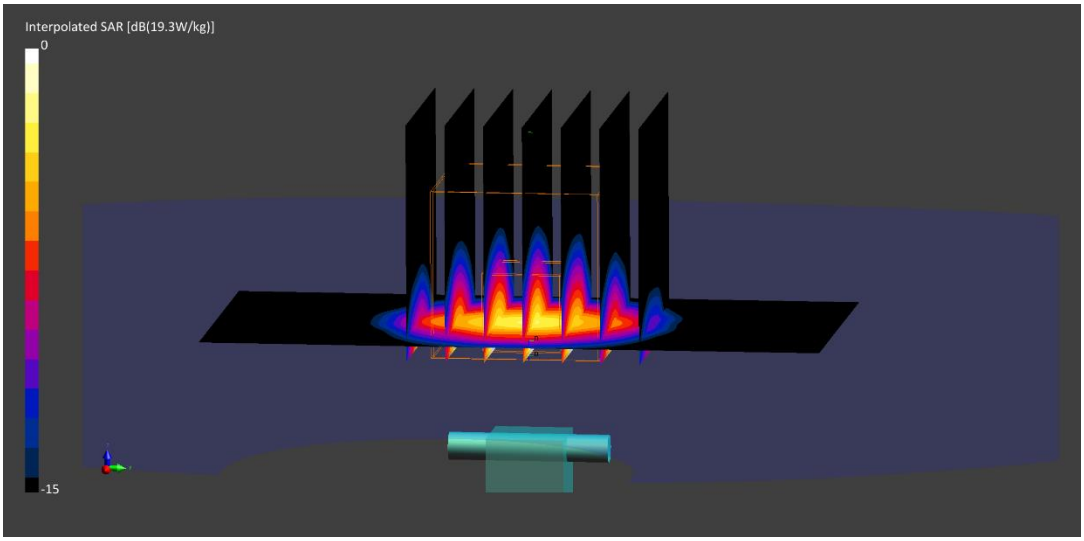
Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Head; Medium parameters used:
f = 3900.0 MHz; σ = 3.27 S/m; ε_r = 37.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/10/2021; Ambient Temp: 22.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7539; ConvF:(6.23,6.23,6.23); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V8.0 (Right); Serial: 1966
Measurement SW: cDASY6 Module SAR V6.14.0.959

3900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 7.17 W/kg
Deviation (1 g) = 4.06%



PCTEST

DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1057

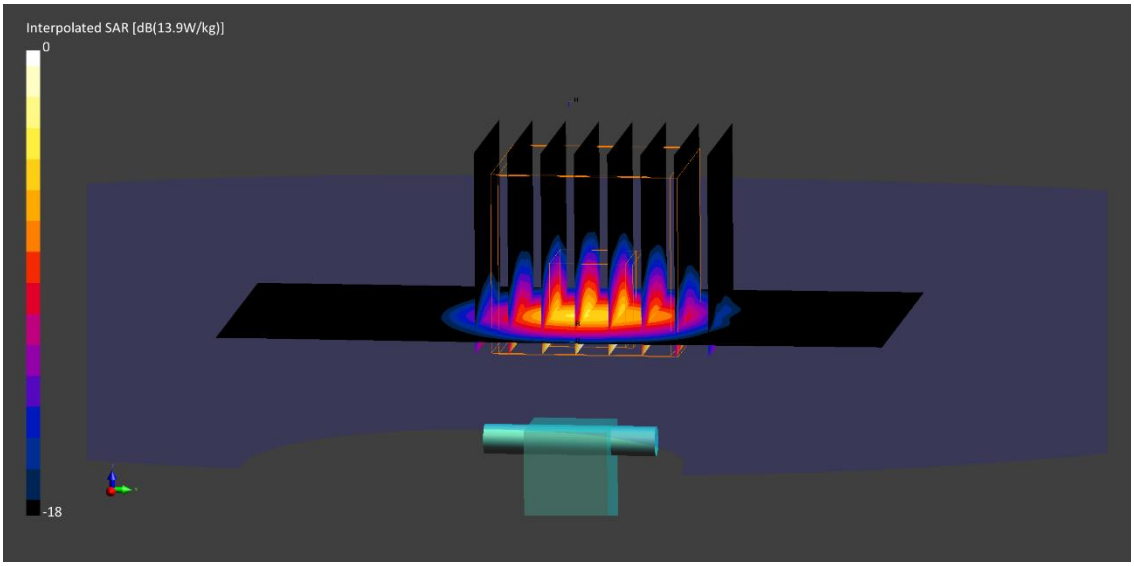
Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5250.0 MHz; σ = 4.63 S/m; ε_r = 36.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7538; ConvF:(5.29,5.29,5.29); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

5250 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 3.68 W/kg
Deviation (1 g) = -7.65%



DUT: Dipole 5600 MHz; Type: D5GHzV2; Serial: 1057

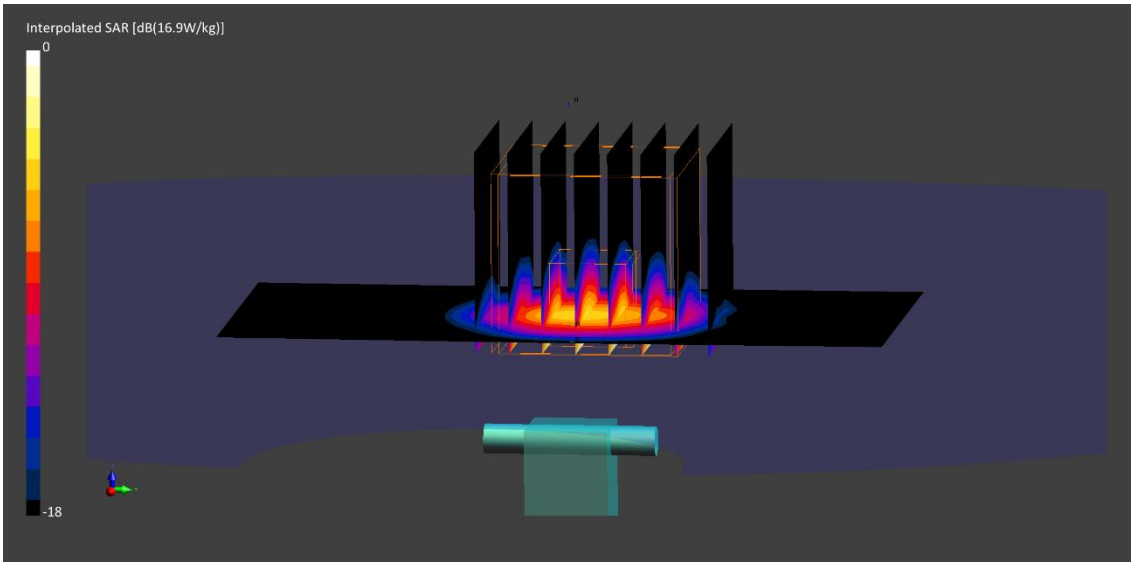
Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5600.0 MHz; σ = 5.04 S/m; ε_r = 36.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7538; ConvF:(4.63,4.63,4.63); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

5600 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 4.15 W/kg
Deviation (1 g) = 0.95%



DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1057

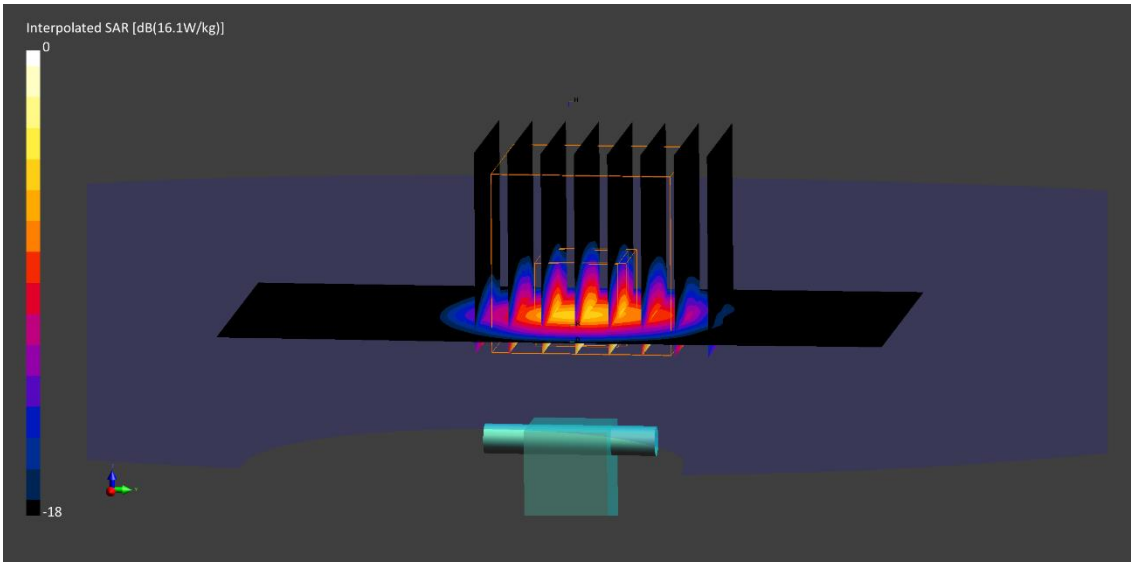
Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Head; Medium parameters used:
f = 5750.0 MHz; σ = 5.22 S/m; ε_r = 35.8; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7538; ConvF:(4.78,4.78,4.78); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

5750 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 3.78 W/kg
Deviation (1 g) = -5.62%



DUT: Dipole 750 MHz; Type: D750V3; Serial: 1161

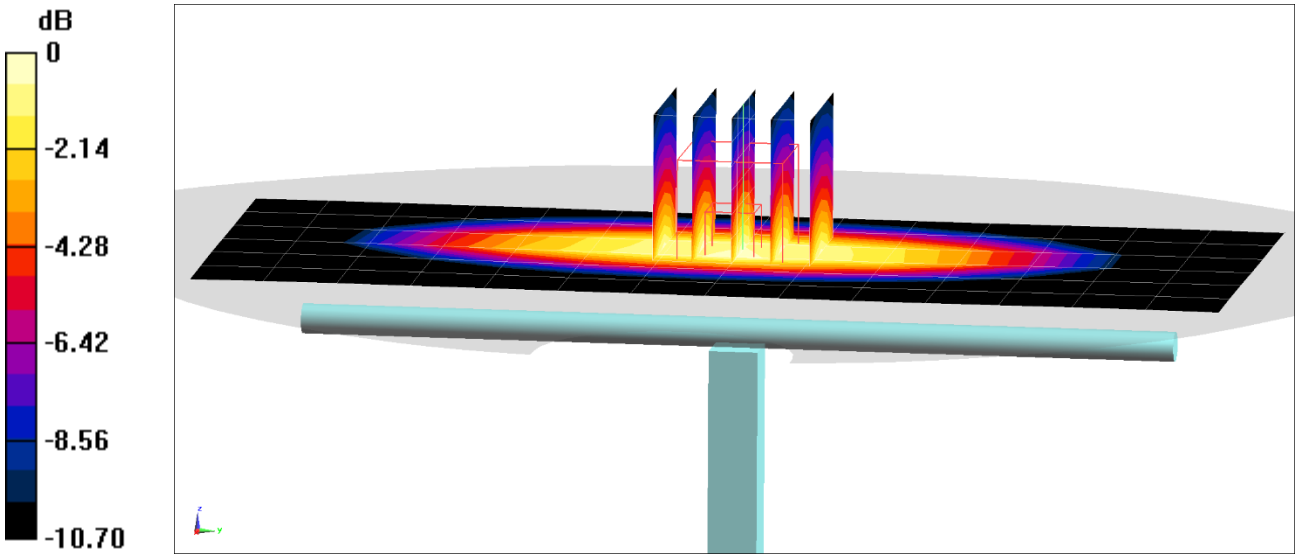
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.984 S/m; ε_r = 54.407; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/06/2021; Ambient Temp: 24.8°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.79 W/kg
Deviation(1 g) = 6.17%



0 dB = 2.47 W/kg = 3.93 dBW/kg

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

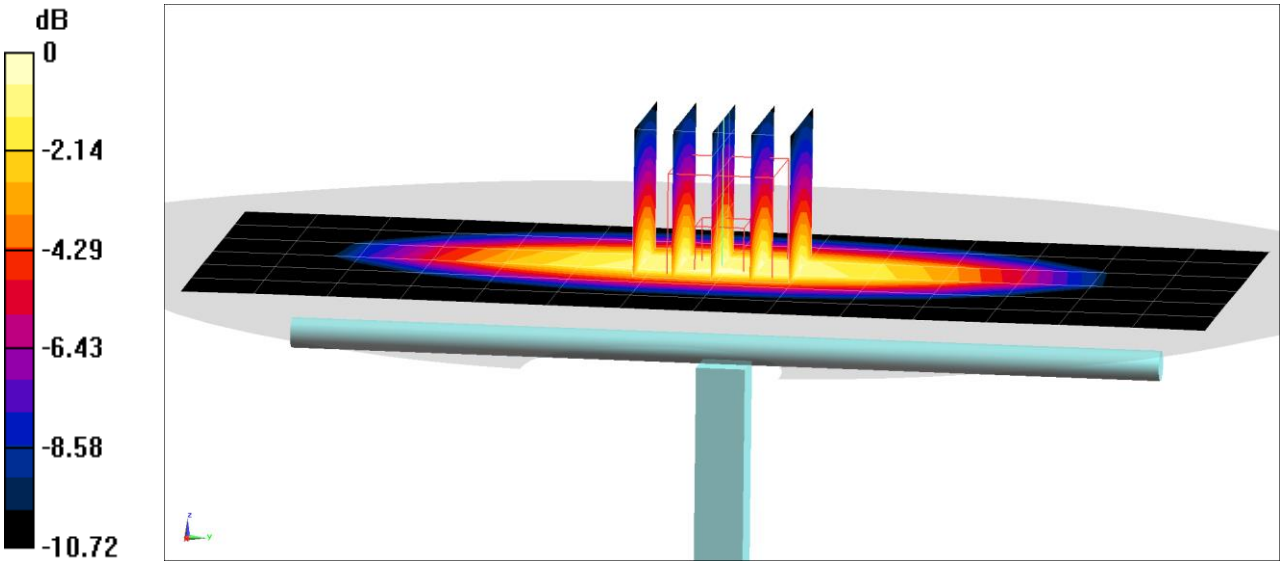
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.986 S/m; ε_r = 53.626; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5cm

Test Date: 04/09/2021; Ambient Temp: 24.5°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 1.82 W/kg
Deviation(1 g) = 5.69%



0 dB = 2.47 W/kg = 3.93 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

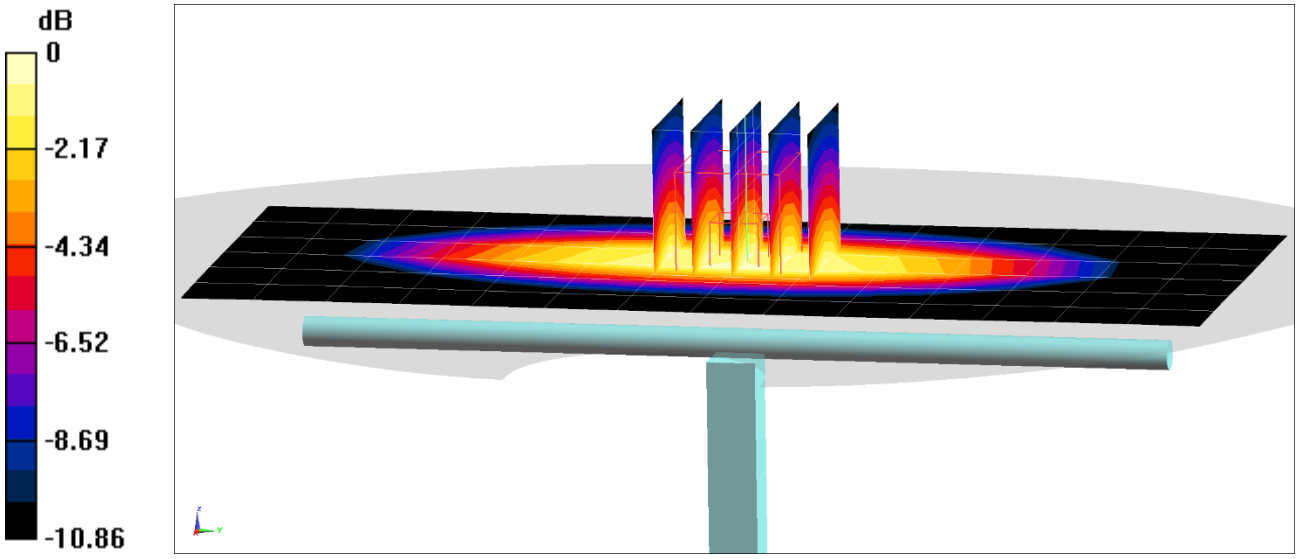
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.98 S/m; ε_r = 53.301; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5cm

Test Date: 04/12/2021; Ambient Temp: 24.2°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 1.82 W/kg
Deviation(1 g) = 5.69%



0 dB = 2.49 W/kg = 3.96 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

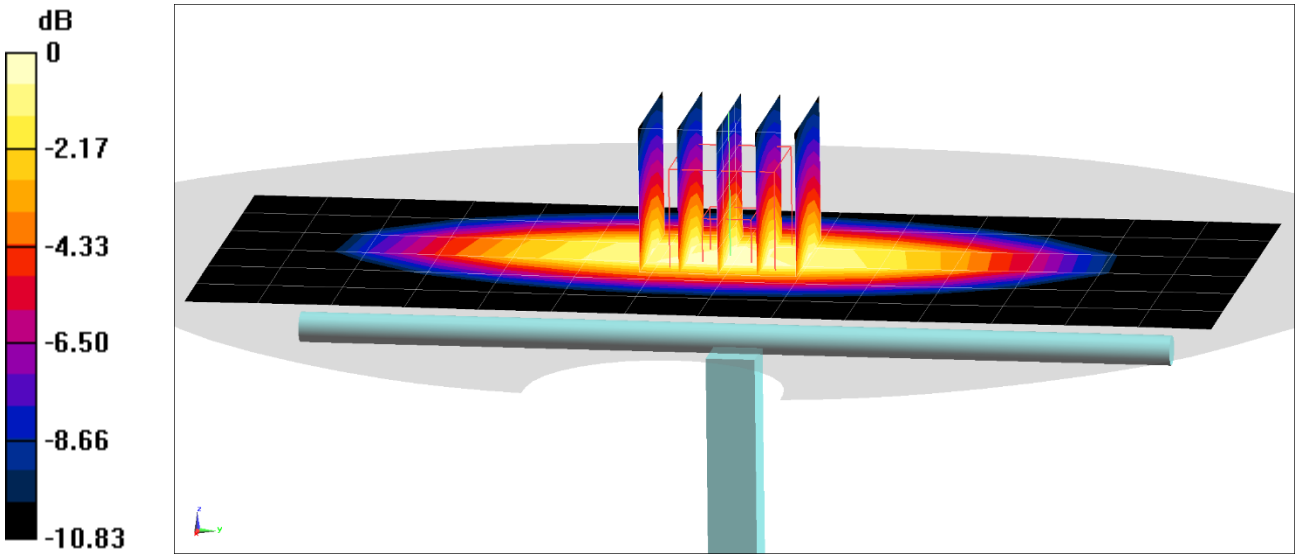
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.989 S/m; ε_r = 54.303; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/14/2021; Ambient Temp: 22.8°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.88 W/kg
SAR(1 g) = 1.79 W/kg
Deviation(1 g) = 3.95%



0 dB = 2.46 W/kg = 3.91 dBW/kg

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

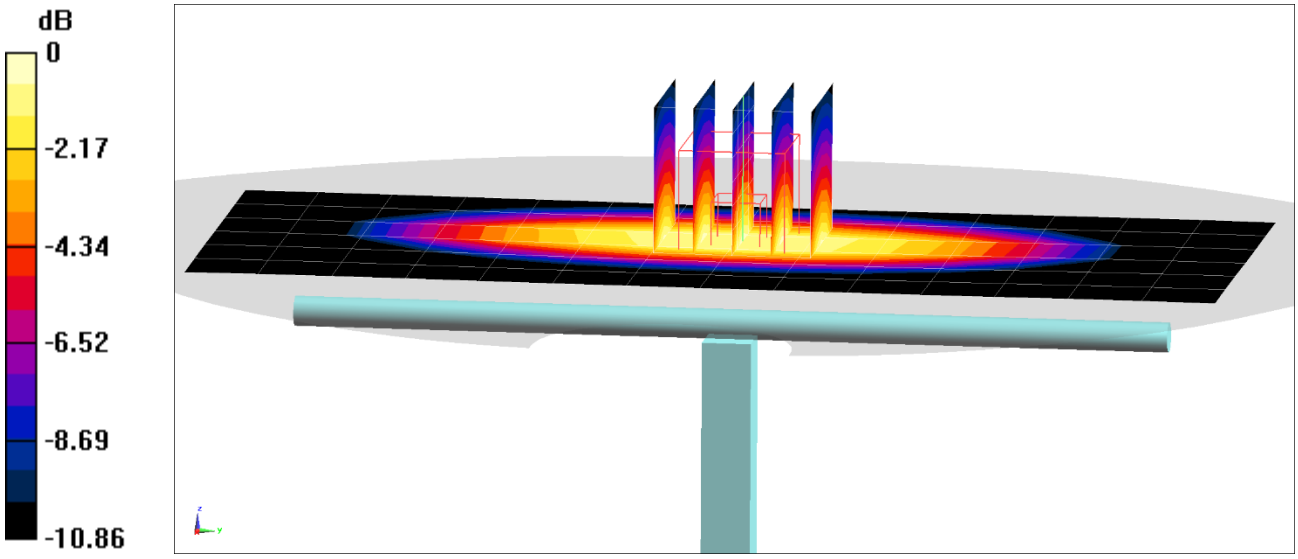
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.974 S/m; ε_r = 53.054; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5cm

Test Date: 04/20/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 1.83 W/kg; SAR(10 g) = 1.19 W/kg
Deviation(1 g) = 6.27%; Deviation(10 g) = 4.94%



0 dB = 2.54 W/kg = 4.05 dBW/kg

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

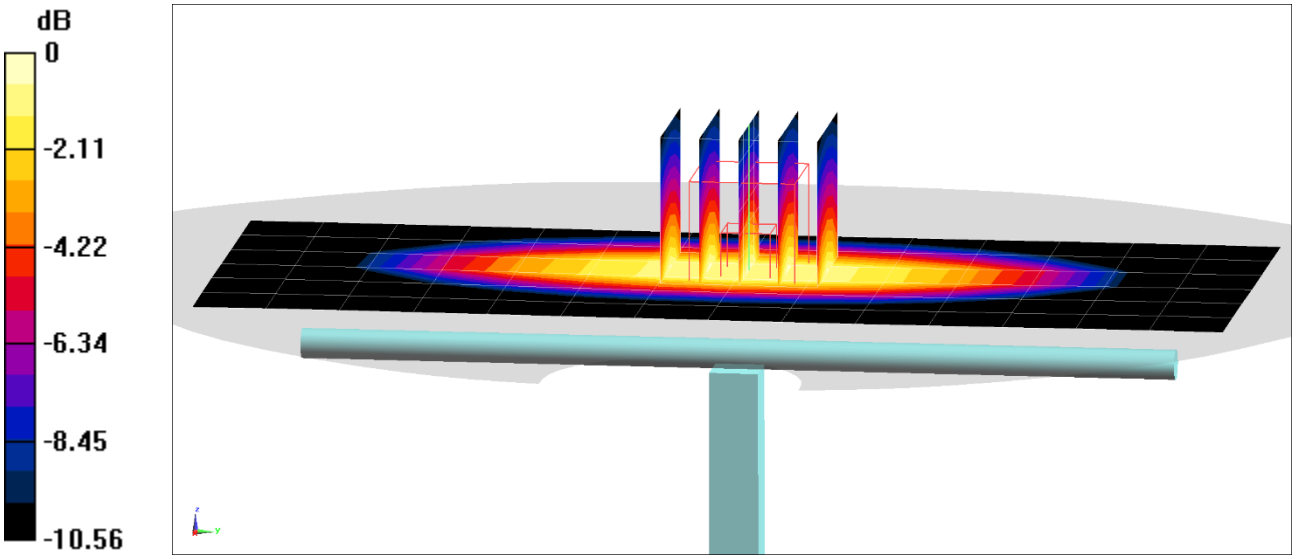
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.968 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5cm

Test Date: 04/22/2021; Ambient Temp: 23.8°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7406; ConvF(9.66, 9.66, 9.66) @ 750 MHz; Calibrated: 6/23/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1583; Calibrated: 5/14/2020
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.90 W/kg
SAR(10 g) = 1.19 W/kg
Deviation(10 g) = 4.94%



0 dB = 2.50 W/kg = 3.98 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1003

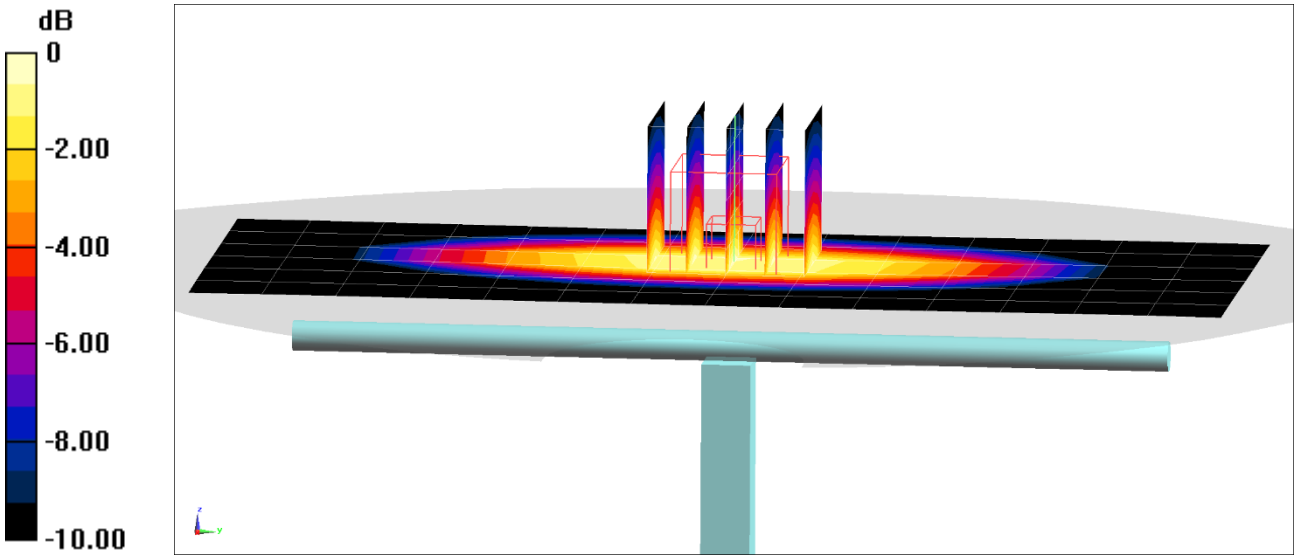
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used:
f = 750 MHz; σ = 0.983 S/m; ε_r = 54.697; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/31/2021; Ambient Temp: 23.8°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7357; ConvF(10.29, 10.29, 10.29) @ 750 MHz; Calibrated: 4/19/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1407; Calibrated: 4/7/2021
Phantom: Front; Type: QD 000 P40 CD; Serial: 1686
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

750 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 1.74 W/kg
Deviation(1 g) = 1.05%



0 dB = 2.37 W/kg = 3.75 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

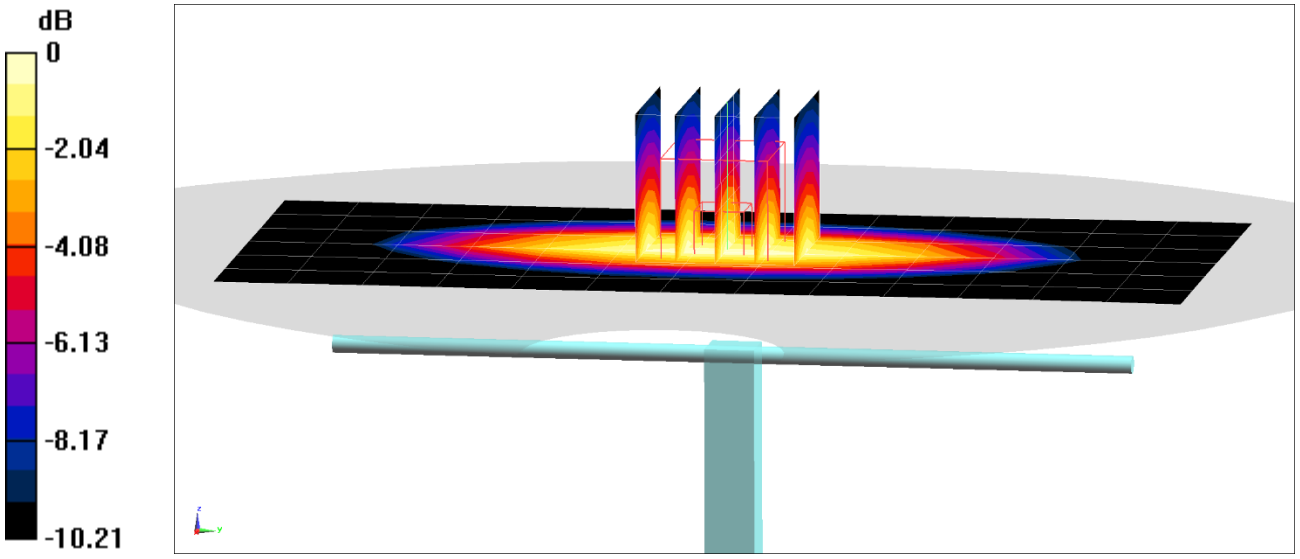
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.953 S/m; ε_r = 53.651; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/06/2021; Ambient Temp: 22.8°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.99 W/kg
Deviation(1 g) = 2.05%



0 dB = 2.62 W/kg = 4.18 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

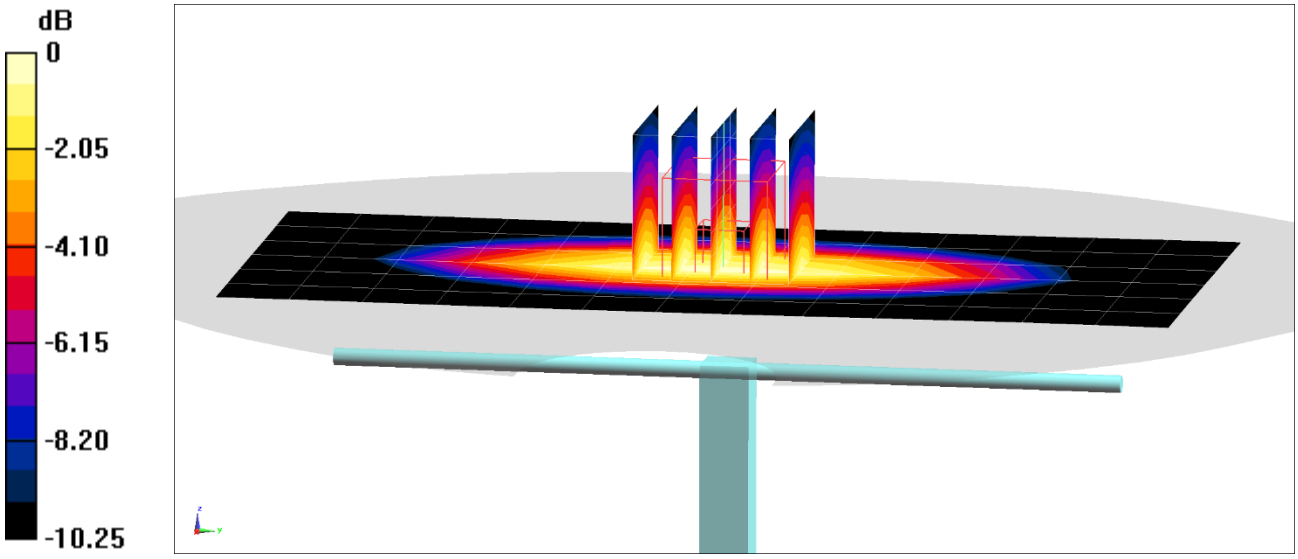
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.957 S/m; ε_r = 53.073; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/08/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.34 W/kg
Deviation(1 g) = 3.59%; Deviation(10 g) = 4.69%



0 dB = 2.67 W/kg = 4.27 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

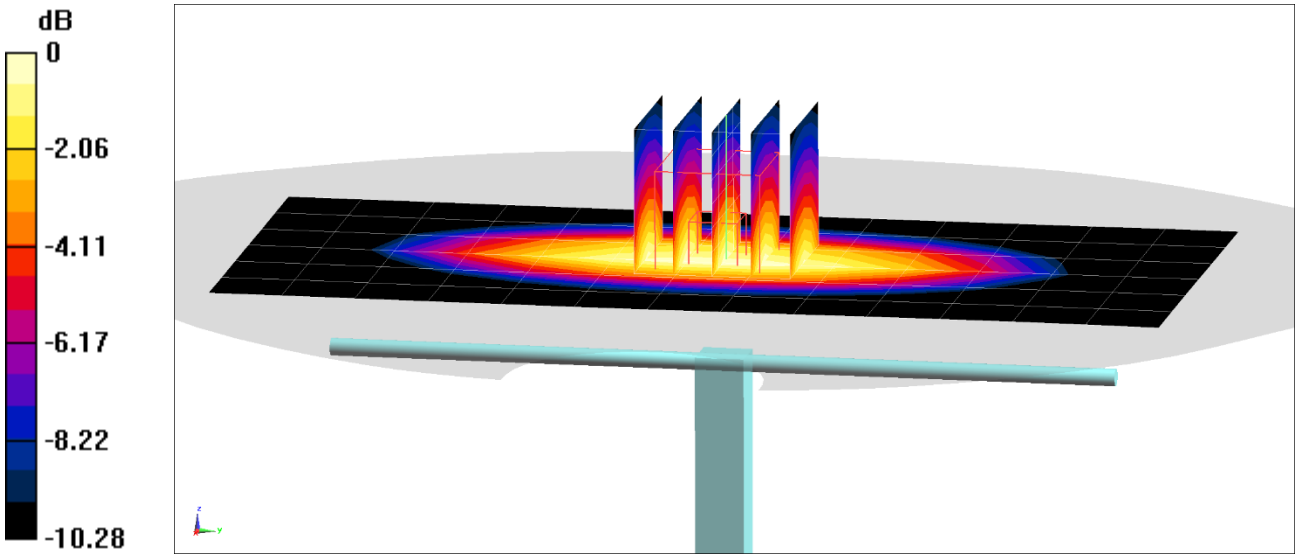
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.953 S/m; ε_r = 52.671; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/11/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 2.02 W/kg
Deviation(1 g) = 3.59%



0 dB = 2.67 W/kg = 4.27 dBW/kg

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d132

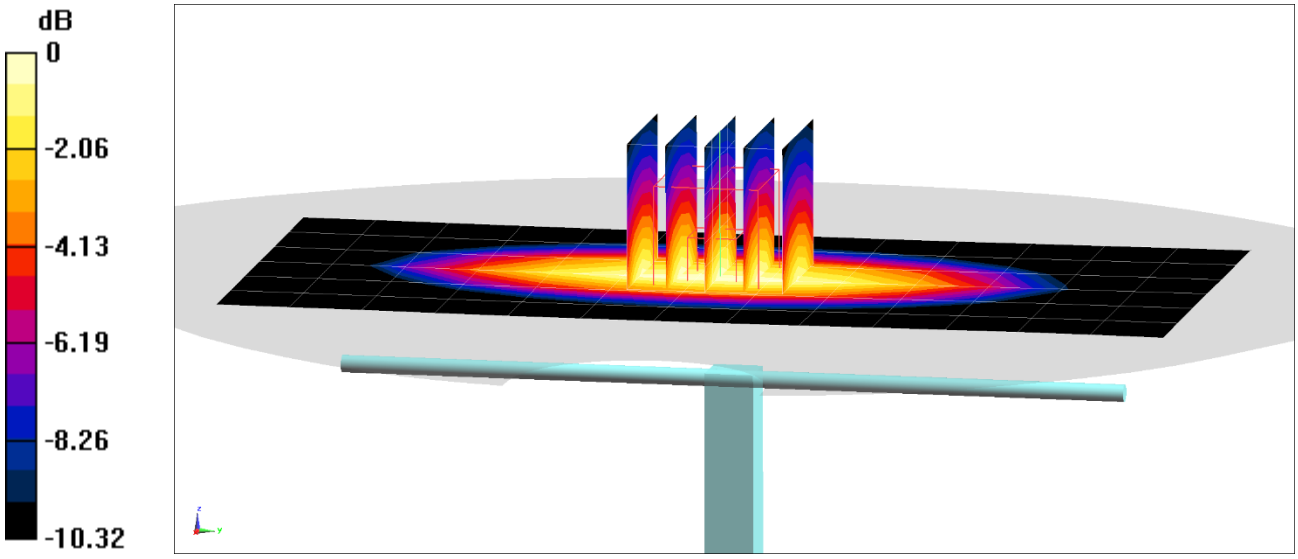
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.956 S/m; ε_r = 53.949; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/13/2021; Ambient Temp: 24.6°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.37 W/kg
Deviation(1 g) = 5.50%; Deviation(10 g) = 6.37%



0 dB = 2.74 W/kg = 4.38 dBW/kg

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

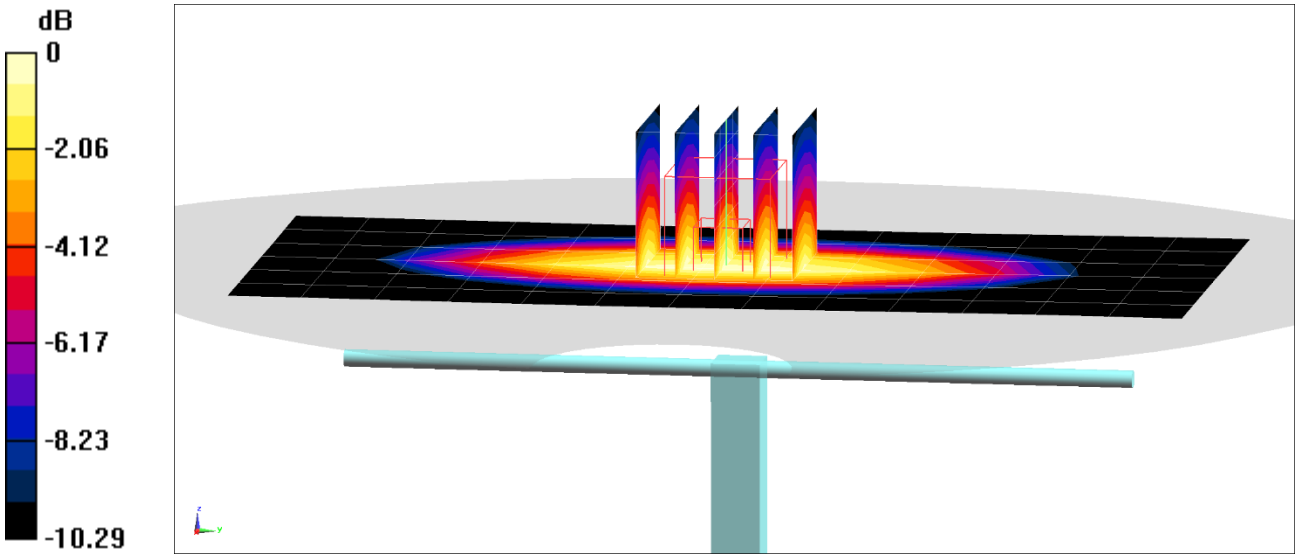
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.954 S/m; ε_r = 53.583; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/15/2021; Ambient Temp: 23.0°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.37 W/kg
Deviation(1 g) = 6.15%; Deviation(10 g) = 7.03%



0 dB = 2.73 W/kg = 4.36 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

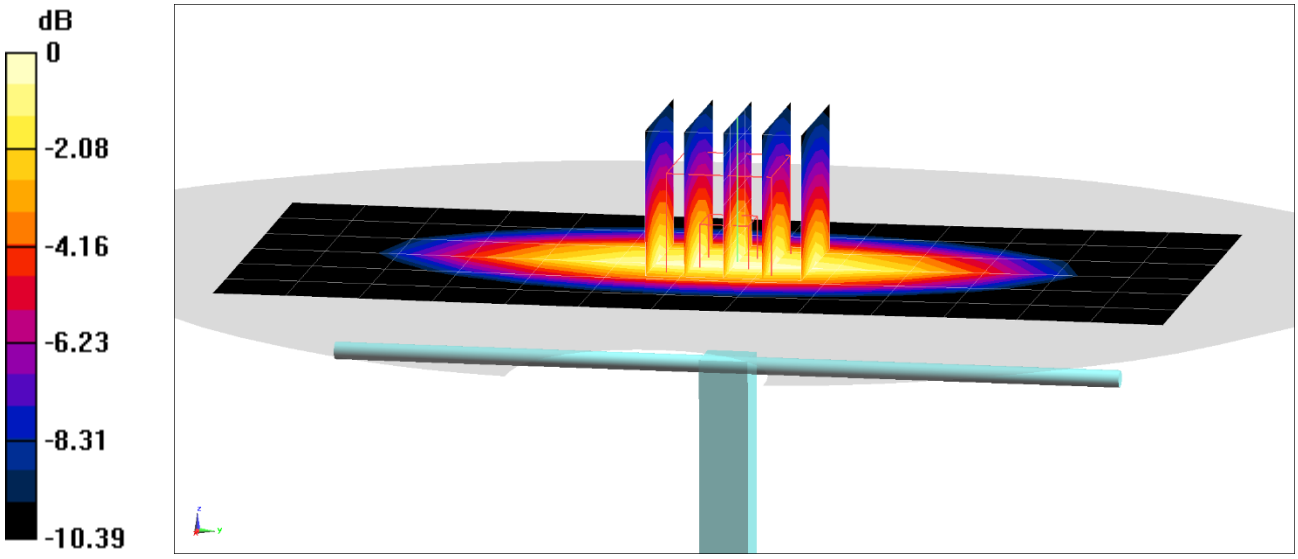
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.945 S/m; ε_r = 52.79; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/17/2021; Ambient Temp: 22.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 2.01 W/kg
Deviation(1 g) = 3.08%



0 dB = 2.66 W/kg = 4.25 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

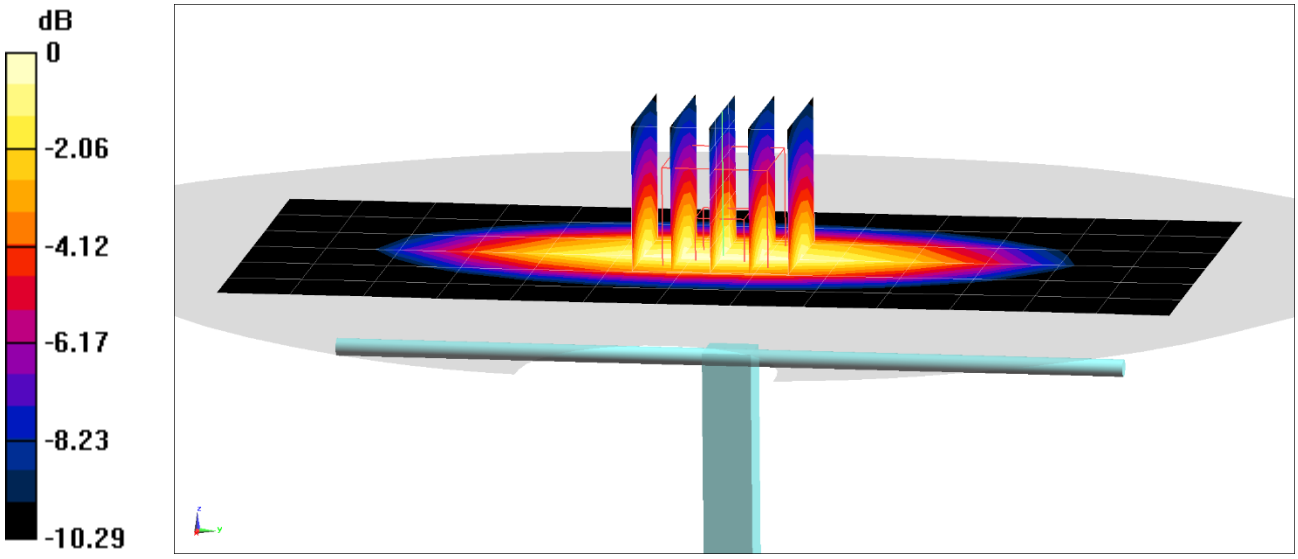
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.954 S/m; ε_r = 53.761; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/19/2021; Ambient Temp: 22.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.34 W/kg
Deviation(1 g) = 4.10%; Deviation(10 g) = 4.69%



0 dB = 2.67 W/kg = 4.27 dBW/kg

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d133

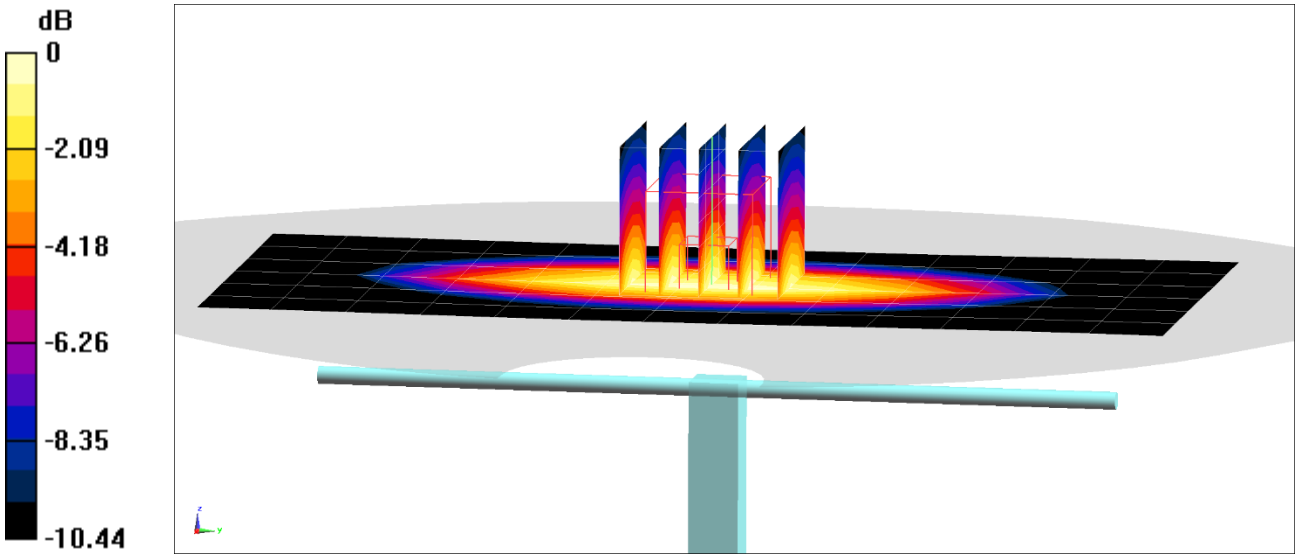
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.944 S/m; ε_r = 52.652; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/21/2021; Ambient Temp: 22.4°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7410; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 3.08 W/kg
SAR(1 g) = 2.02 W/kg
Deviation(1 g) = 3.59%



0 dB = 2.71 W/kg = 4.33 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

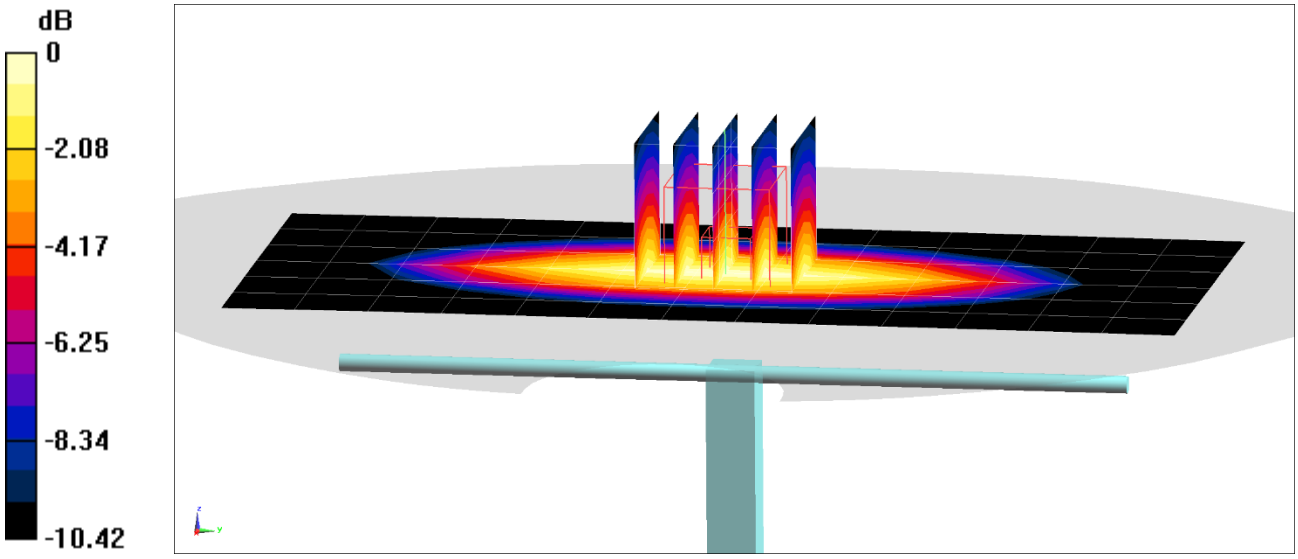
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.963 S/m; ε_r = 53.137; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 04/25/2021; Ambient Temp: 18.4°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.27 W/kg
Deviation(1 g) = 1.90%; Deviation(10 g) = 1.28%



0 dB = 2.60 W/kg = 4.15 dBW/kg

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

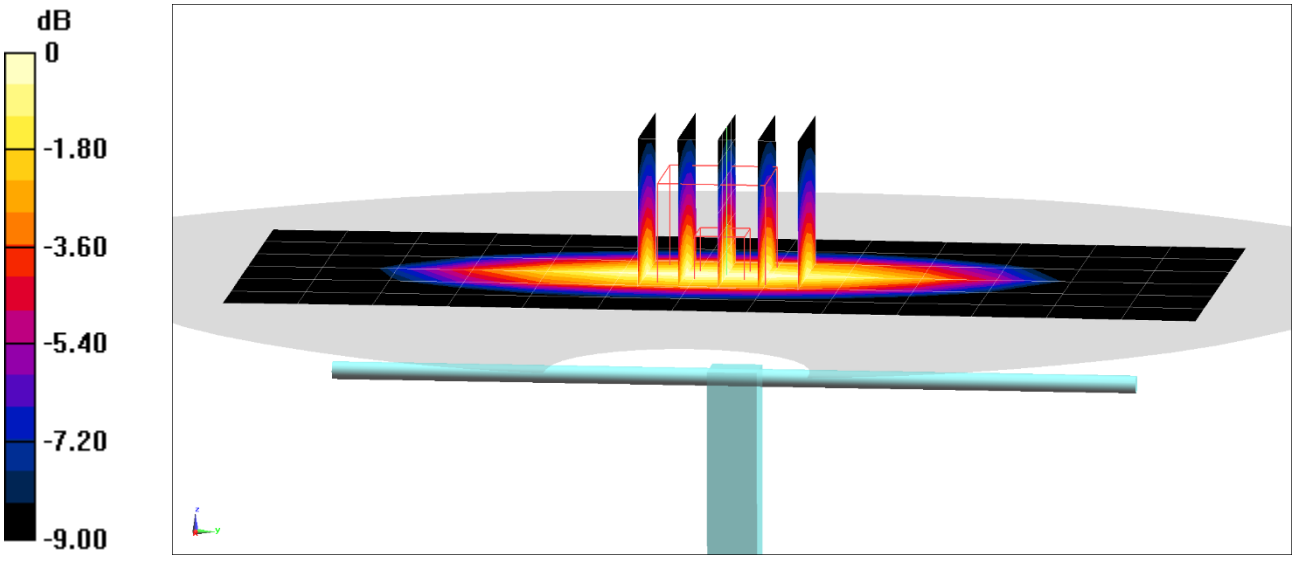
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.961 S/m; ε_r = 53.775; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 05/25/2021; Ambient Temp: 21.6°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 1.91 W/kg
Deviation(1 g) = 0.84%



0 dB = 2.60 W/kg = 4.15 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

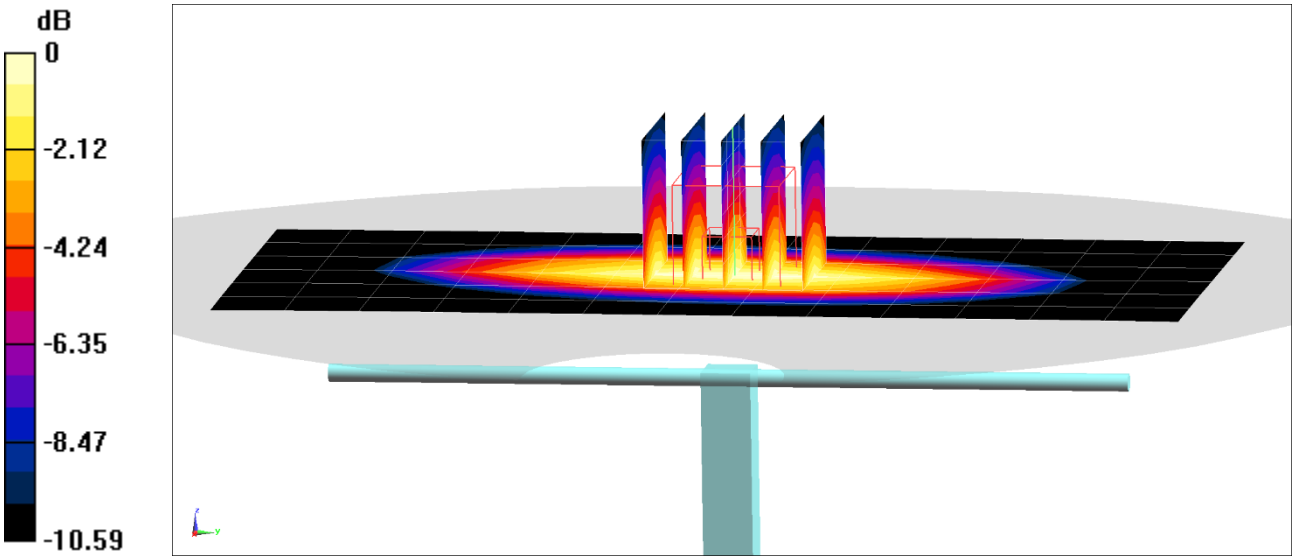
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.963 S/m; ε_r = 53.18; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/02/2021; Ambient Temp: 23.1°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 2.04 W/kg
Deviation(1 g) = 7.71%



0 dB = 2.78 W/kg = 4.44 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d047

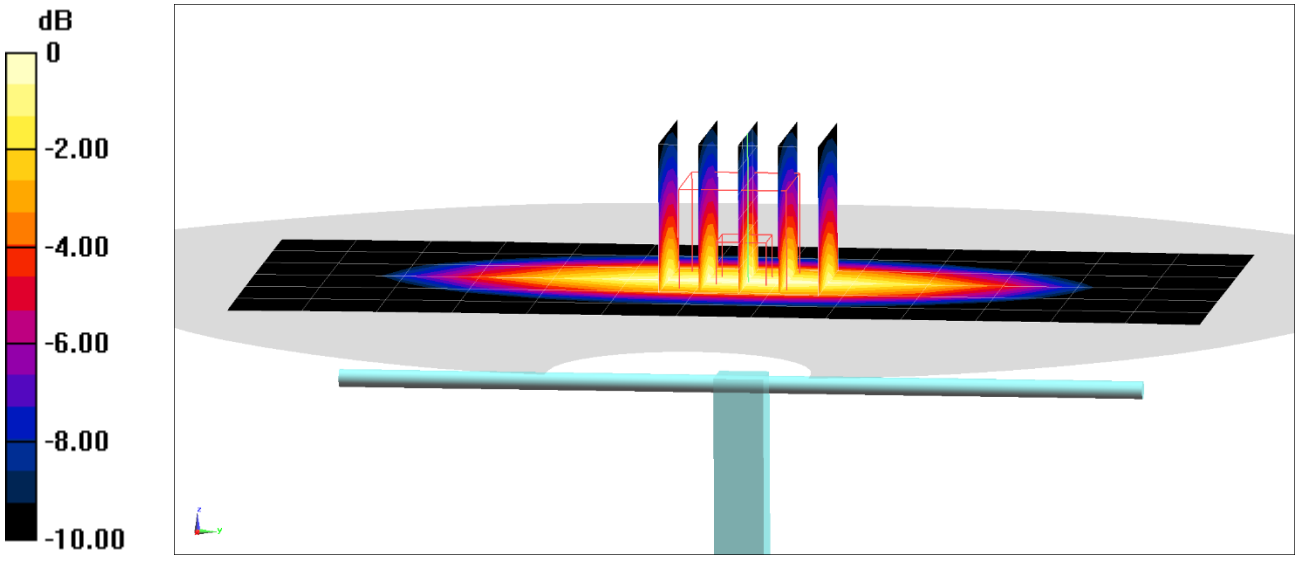
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.958 S/m; ε_r = 52.788; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 06/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7308; ConvF(9.92, 9.92, 9.92) @ 835 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 3.03 W/kg
SAR(1 g) = 1.96 W/kg
Deviation(1 g) = 3.48%



0 dB = 2.65 W/kg = 4.23 dBW/kg

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1148

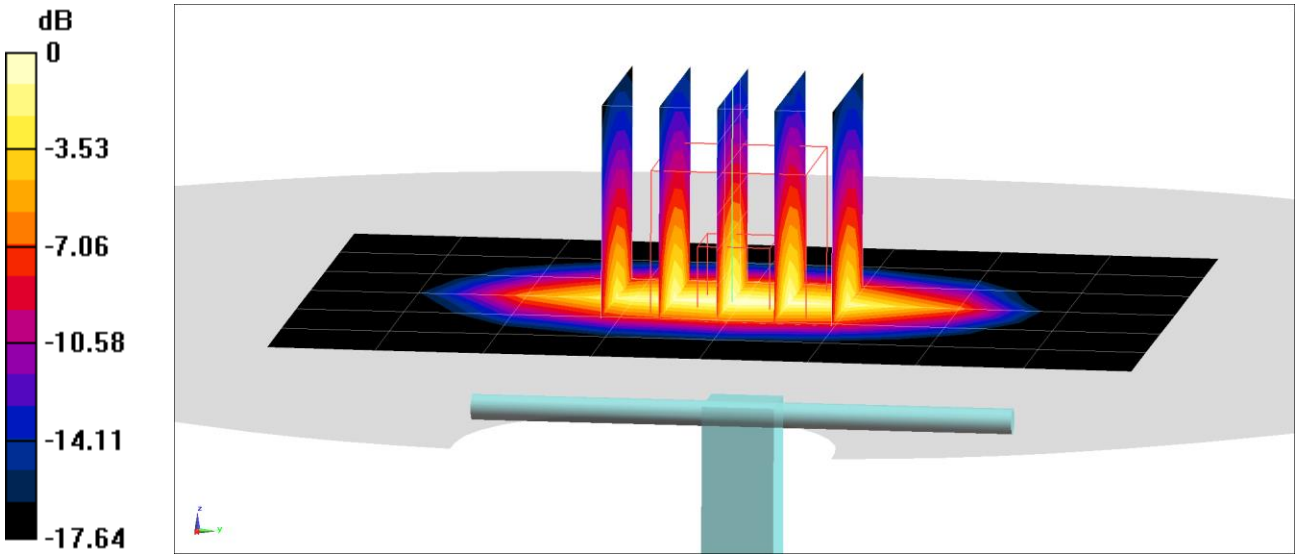
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.546 S/m; ε_r = 50.935; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/08/2021; Ambient Temp: 22.7°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1750 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 6.93 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.94 W/kg
Deviation(1 g) = 1.93%; Deviation(10 g) = 0.52%



0 dB = 5.78 W/kg = 7.62 dBW/kg

DUT: Dipole 1750 MHz; Type: D1765V2; Serial: 1008

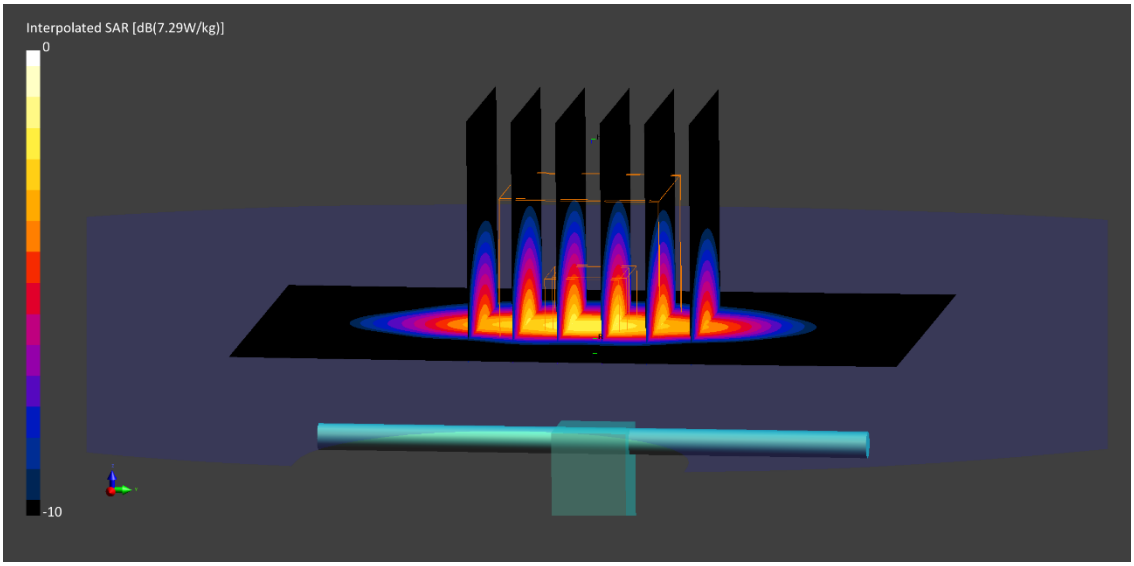
Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; σ = 1.50 S/m; ε_r = 52.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/11/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(8.32,8.32,8.32); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (60.0 x 90.0): Measurement grid: dx=15.0mm, dy=15.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 7.29 W/kg
SAR(1 g) = 3.84 W/kg
Deviation (1 g) = 2.67%



PCTEST

DUT: Dipole 1750 MHz; Type: D1765V2; Serial: 1008

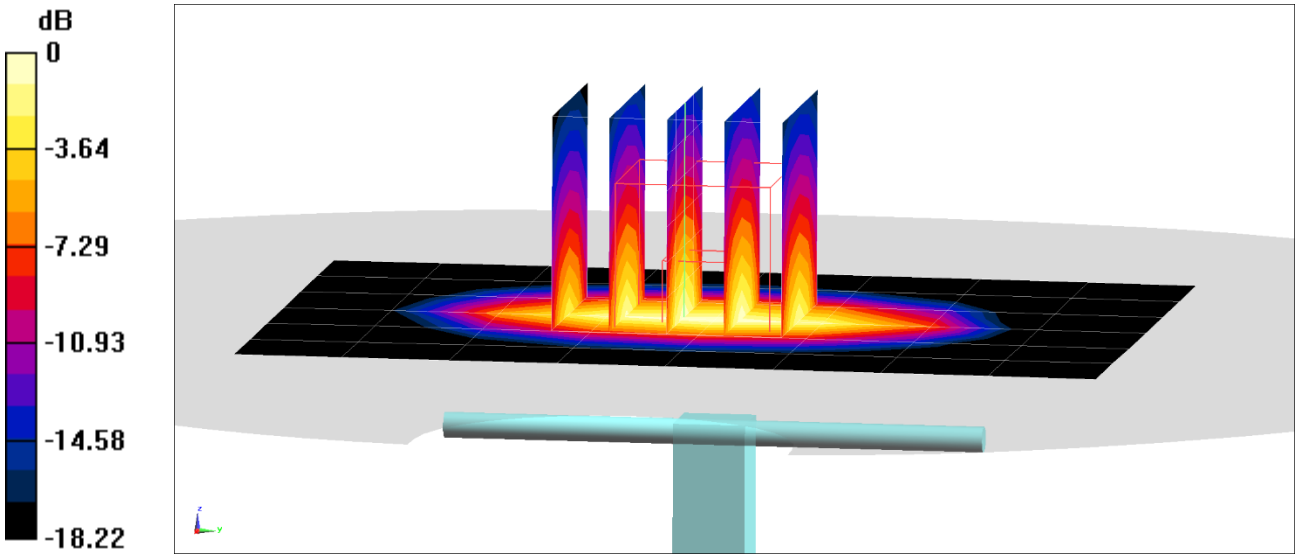
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.528 S/m; ε_r = 51.875; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/11/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7308; ConvF(8.2, 8.2, 8.2) @ 1750 MHz; Calibrated: 7/31/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1450; Calibrated: 8/11/2020
Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1792
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.24 W/kg
SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.95 W/kg
Deviation(1 g) = 0.27%; Deviation(10 g) = -2.01%



0 dB = 5.88 W/kg = 7.69 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1765V2; Serial: 1008

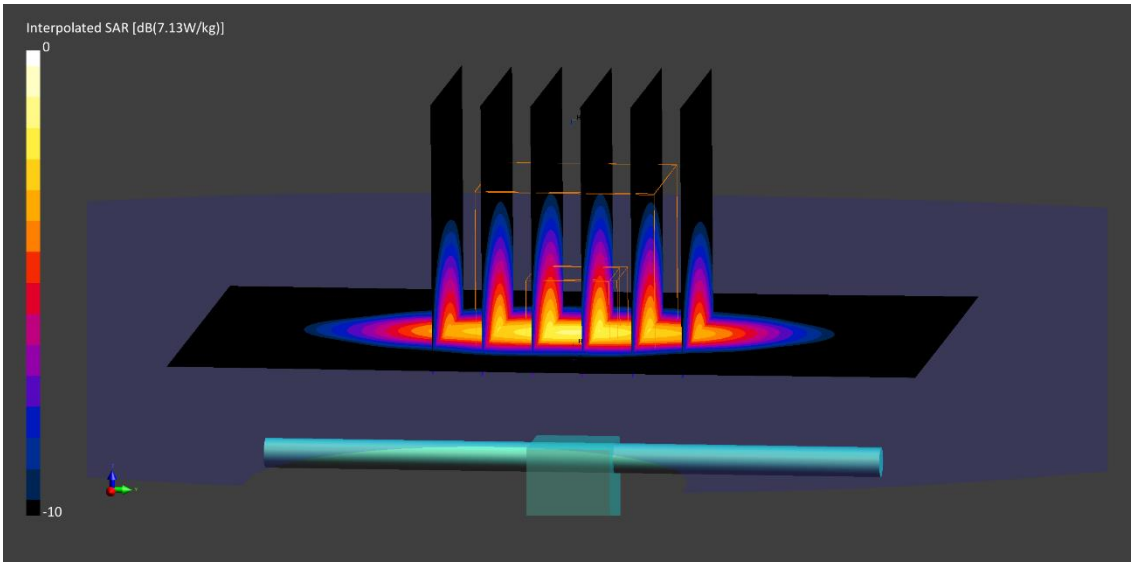
Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; σ = 1.49 S/m; ε_r = 52.5; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/14/2021; Ambient Temp: 22.5°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7551; ConvF:(8.32,8.32,8.32); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (60.0 x 90.0): Measurement grid: dx=15.0mm, dy=15.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 7.13 W/kg
SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.98 W/kg
Deviation (1 g) = 0.53%; Deviation (10 g) = -0.50%



PCTEST

DUT: Dipole 1750 MHz; Type: D1765V2; Serial: 1008

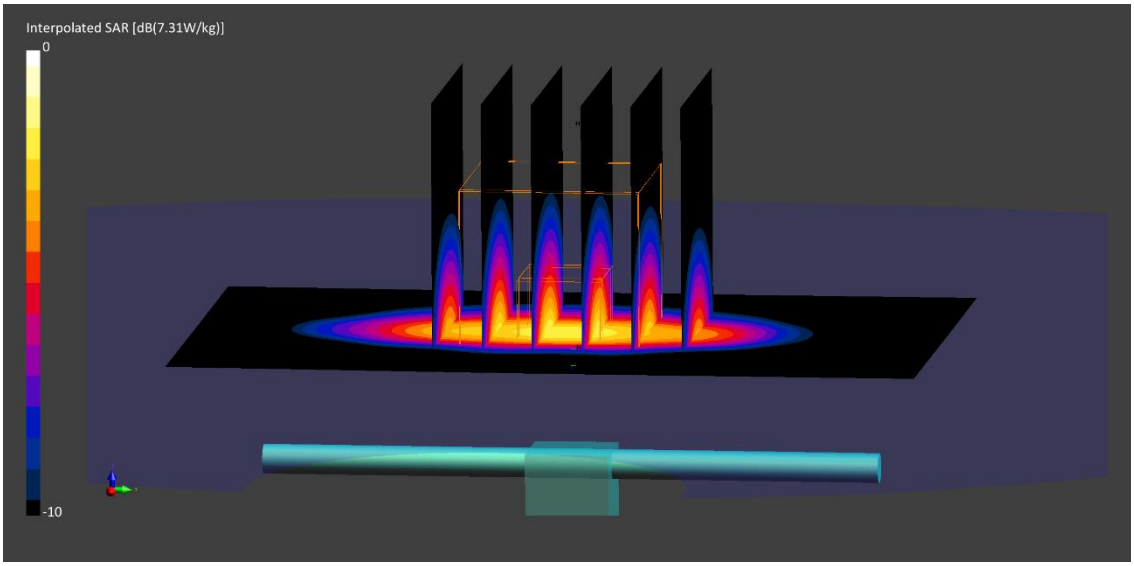
Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; σ = 1.49 S/m; ε_r = 51.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/19/2021; Ambient Temp: 21.5°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(8.32,8.32,8.32); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (60.0 x 90.0): Measurement grid: dx=15.0mm, dy=15.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 7.31 W/kg
SAR(1 g) = 3.84 W/kg
Deviation (1 g) = 2.67%



DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

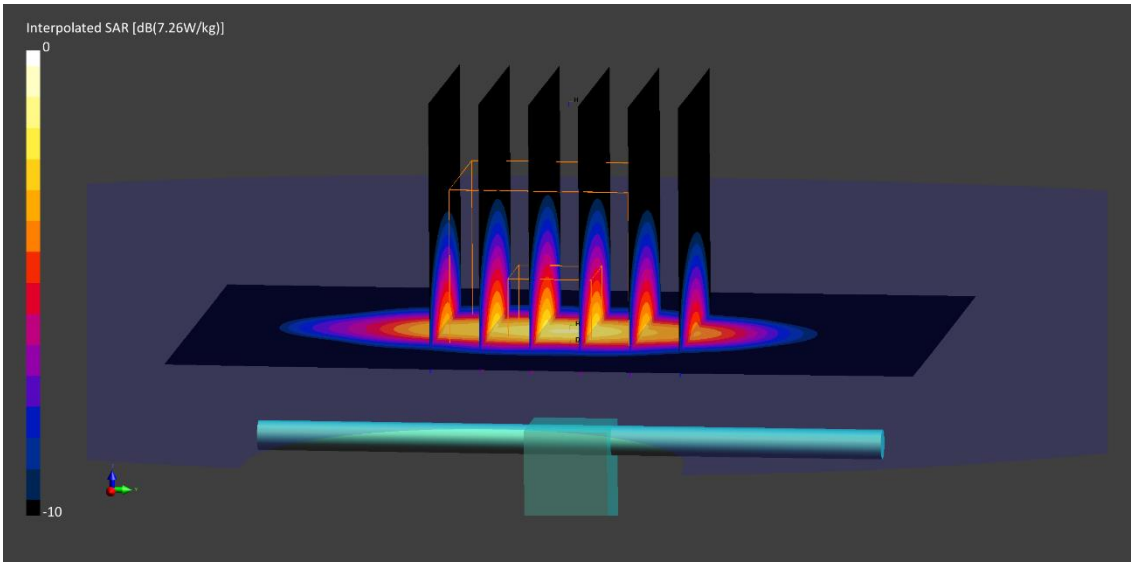
Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; σ = 1.50 S/m; ε_r = 51.2; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7551; ConvF:(8.32,8.32,8.32); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (60.0 x 90.0): Measurement grid: dx=15.0mm, dy=15.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0mm, dy=6.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 7.26 W/kg
SAR(1 g) = 3.79 W/kg
Deviation (1 g) = 3.55%



DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

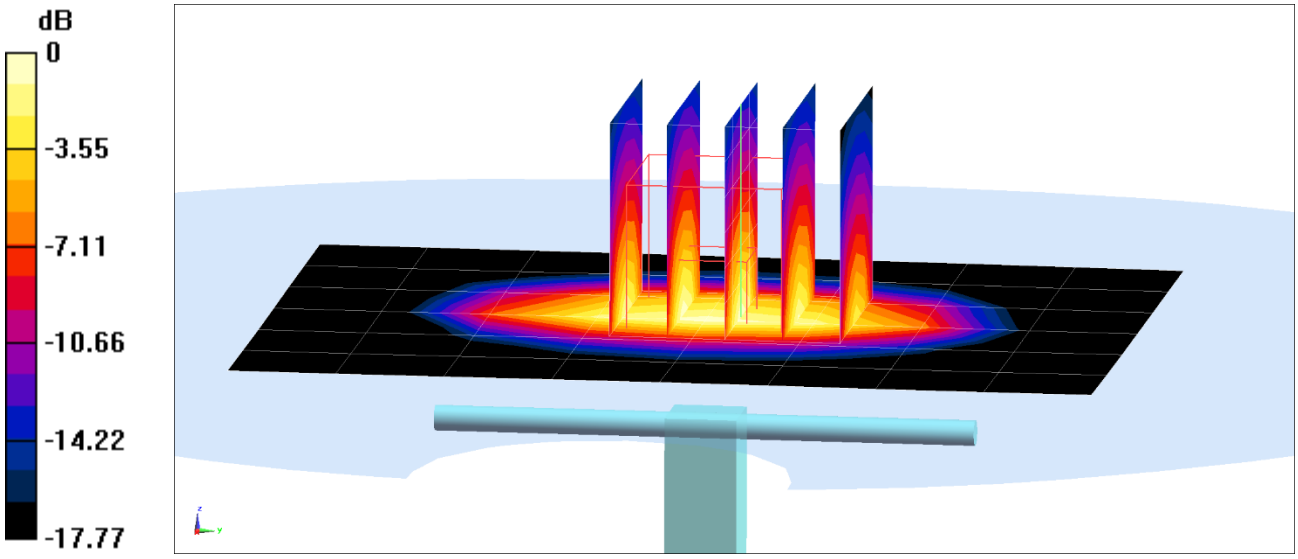
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.495 S/m; ε_r = 51.19; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/05/2021; Ambient Temp: 24.7°C; Tissue Temp: 23.91°C

Probe: EX3DV4 - SN7571; ConvF(8.09, 8.09, 8.09) @ 1750 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.27 W/kg
SAR(10 g) = 2.06 W/kg
Deviation(10 g) = 6.19%



0 dB = 5.95 W/kg = 7.75 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

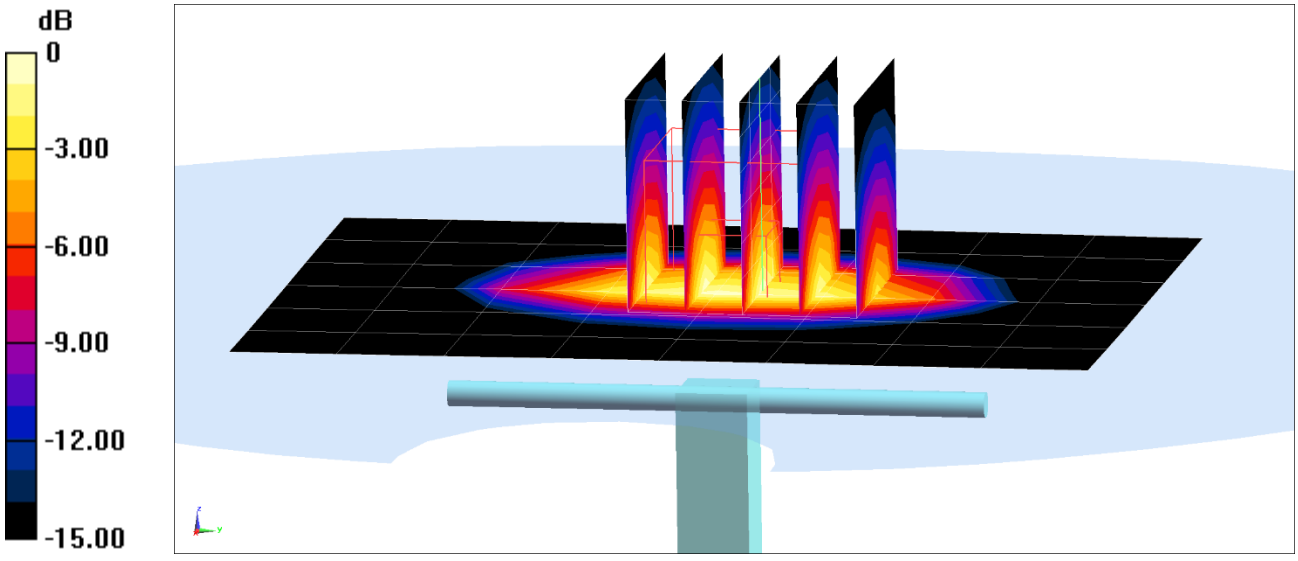
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.528 S/m; ε_r = 51.562; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/10/2021; Ambient Temp: 22.7°C; Tissue Temp: 22.9°C

Probe: EX3DV4 - SN7571; ConvF(8.09, 8.09, 8.09) @ 1750 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 6.92 W/kg
SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.96 W/kg
Deviation(1 g) = 1.91%; Deviation(10 g) = 1.03%



0 dB = 5.72 W/kg = 7.57 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

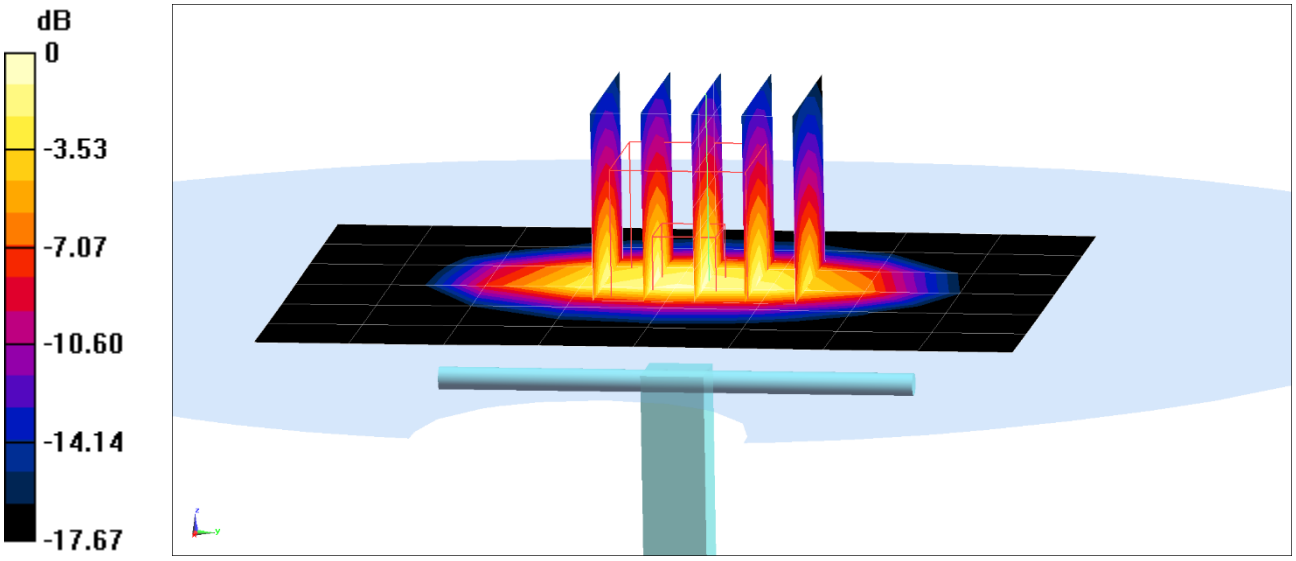
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.516 S/m; ε_r = 51.753; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/15/2021; Ambient Temp: 22.3°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7571; ConvF(8.09, 8.09, 8.09) @ 1750 MHz; Calibrated: 12/11/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1533; Calibrated: 12/7/2020
Phantom: SAM 5.0 front; Type: QD000P40CD; Serial: 1648
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 6.74 W/kg
SAR(10 g) = 1.95 W/kg
Deviation(10 g) = 0.52%



0 dB = 5.32 W/kg = 7.26 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1150

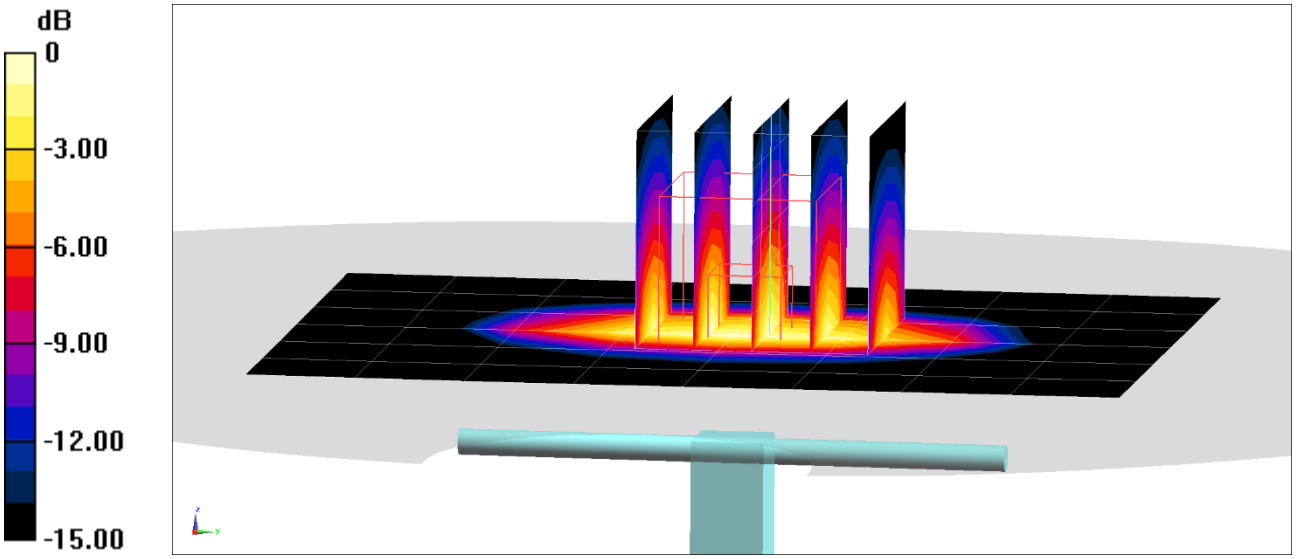
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.5 S/m; ε_r = 51.98; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/20/2021; Ambient Temp: 24.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(8.17, 8.17, 8.17) @ 1750 MHz; Calibrated: 7/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1322; Calibrated: 7/15/2020
Phantom: Twin-SAM V5.0 Left 20; Type: QD 000 P40 CD; Serial: 1715
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 6.90 W/kg
SAR(1 g) = 3.8 W/kg
Deviation(1 g) = 3.83%



0 dB = 5.79 W/kg = 7.63 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

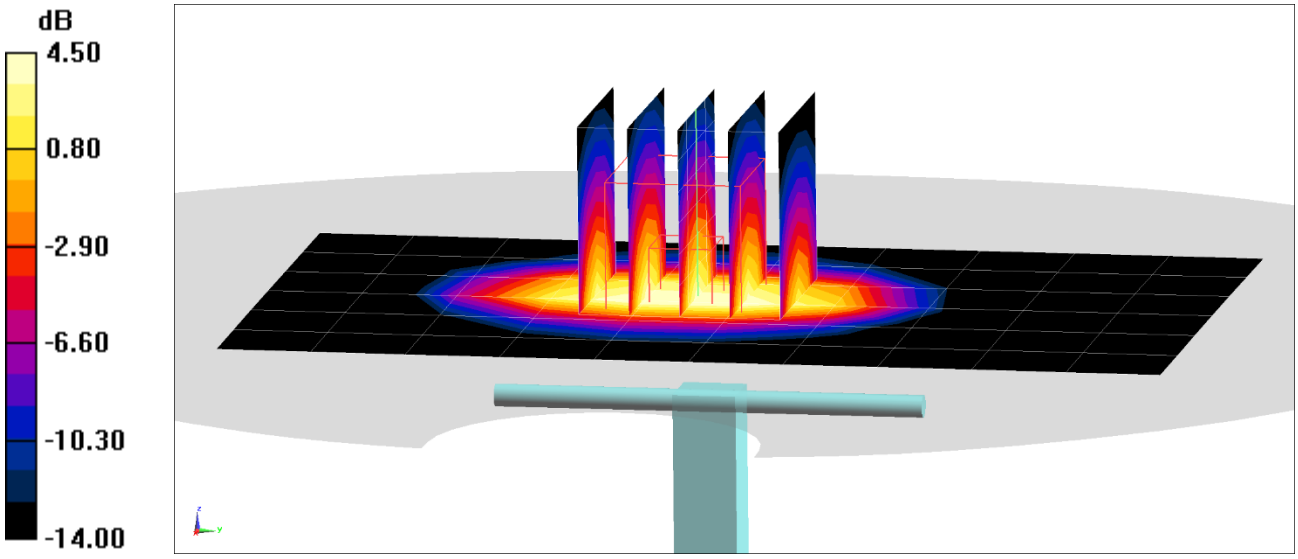
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.568 S/m; ε_r = 51.867; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/06/2021; Ambient Temp: 22.7°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.74 W/kg
SAR(1 g) = 4.13 W/kg
Deviation(1 g) = 5.36%



0 dB = 6.43 W/kg = 8.08 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

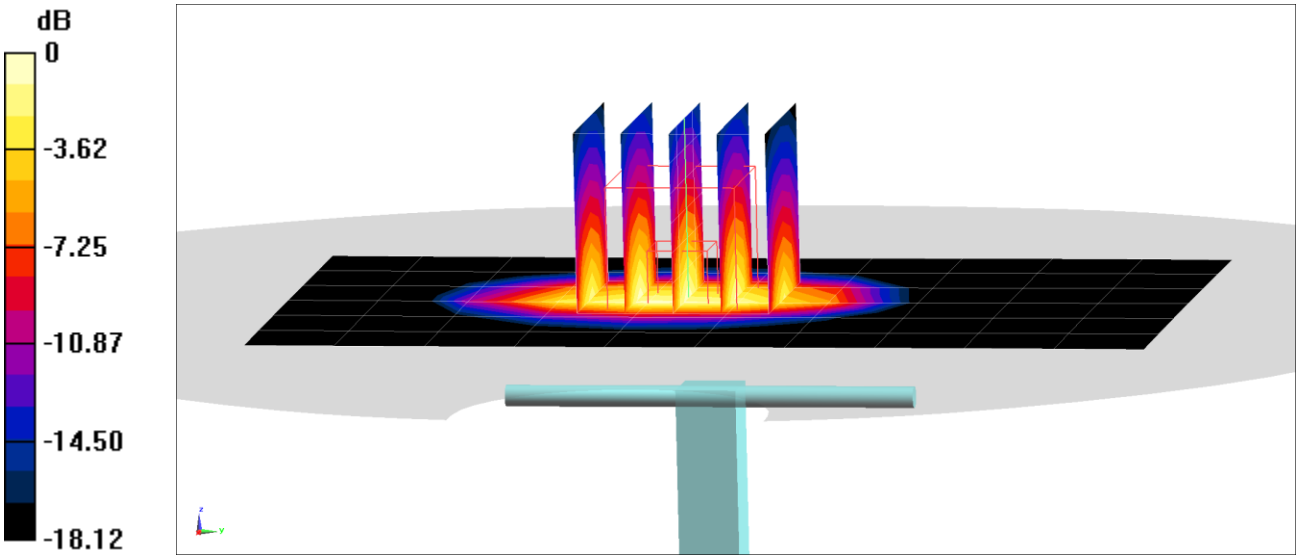
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.578 S/m; ε_r = 51.657; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/09/2021; Ambient Temp: 23.6°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.61 W/kg
SAR(10 g) = 2.13 W/kg
Deviation(10 g) = 3.40%



0 dB = 6.41 W/kg = 8.07 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

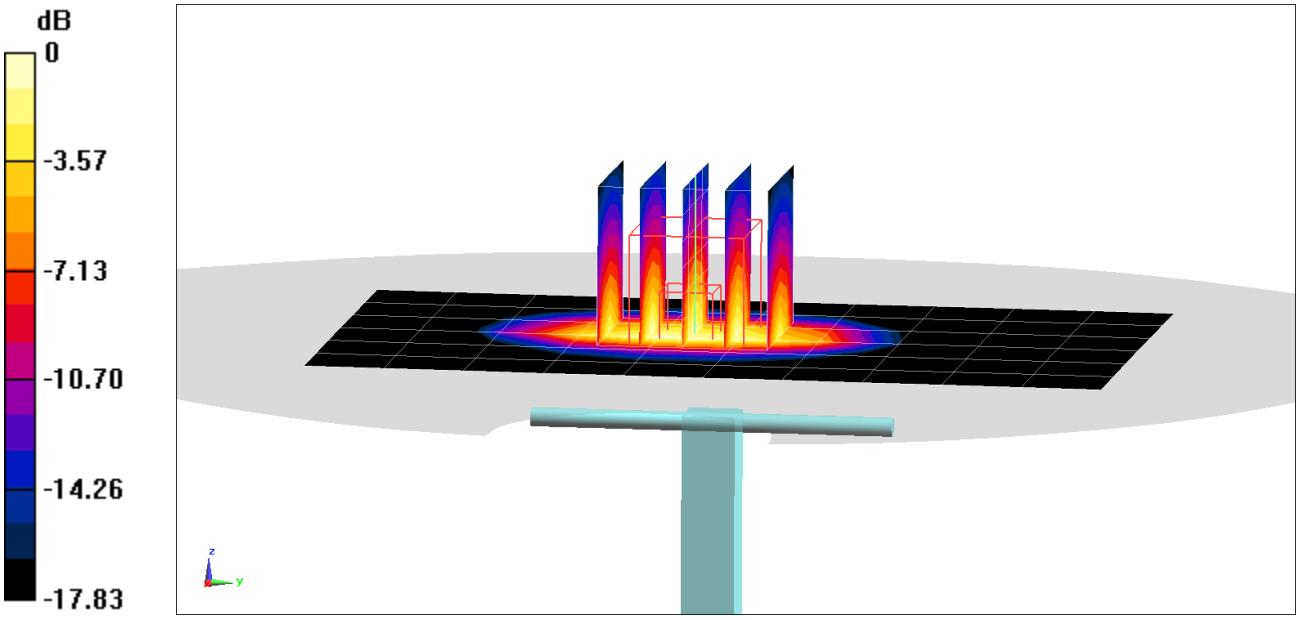
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.577 S/m; ε_r = 51.666; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/11/2021; Ambient Temp: 23.6°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.59 W/kg
SAR(1 g) = 4.11 W/kg; SAR(10 g) = 2.12 W/kg
Deviation(1 g) = 4.85%; Deviation(10 g) = 2.91%



0 dB = 6.41 W/kg = 8.07 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

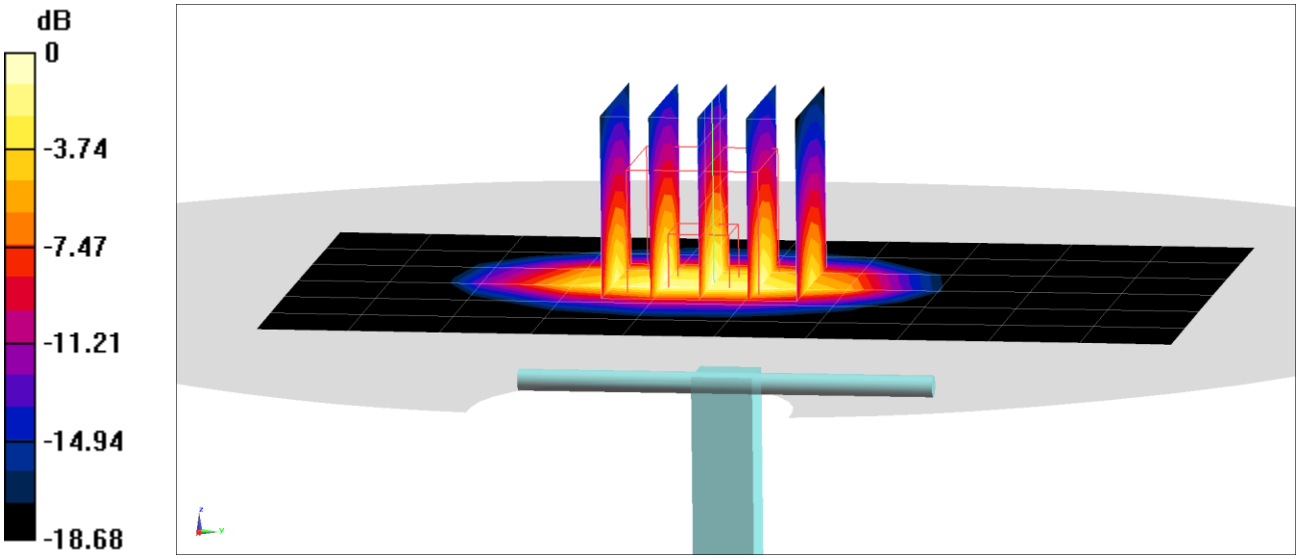
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.579 S/m; ε_r = 51.189; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/14/2021; Ambient Temp: 23.7°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.75 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.12 W/kg
Deviation(1 g) = 5.10%; Deviation(10 g) = 2.91%



0 dB = 6.46 W/kg = 8.10 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

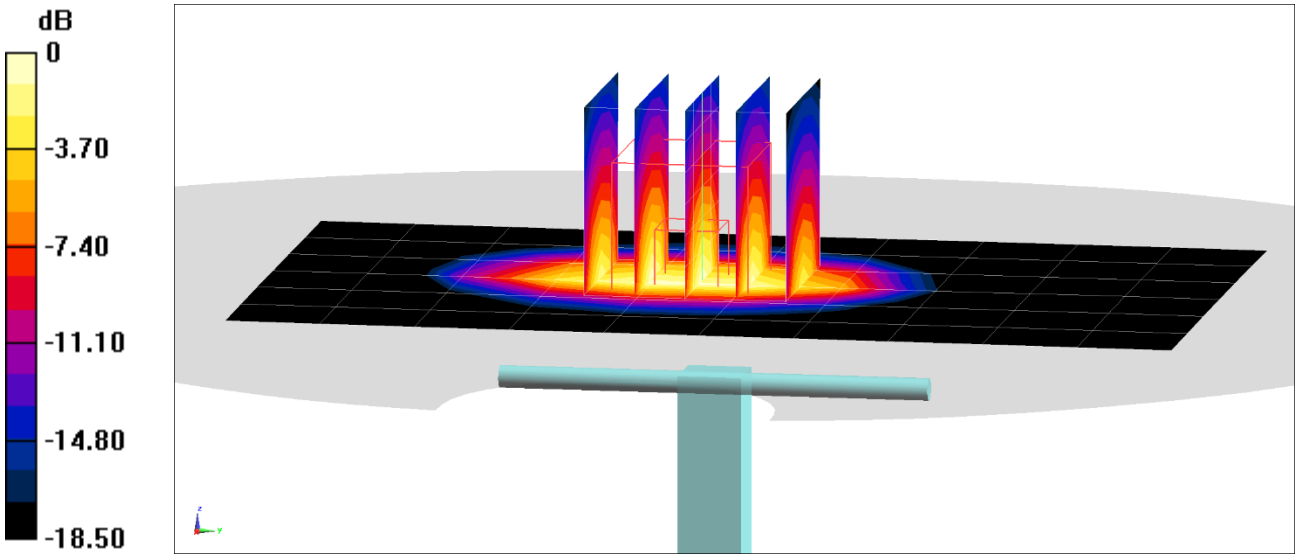
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.578 S/m; ε_r = 52.098; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/19/2021; Ambient Temp: 23.3°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.75 W/kg
SAR(1 g) = 4.17 W/kg
Deviation(1 g) = 6.38%



0 dB = 6.43 W/kg = 8.08 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

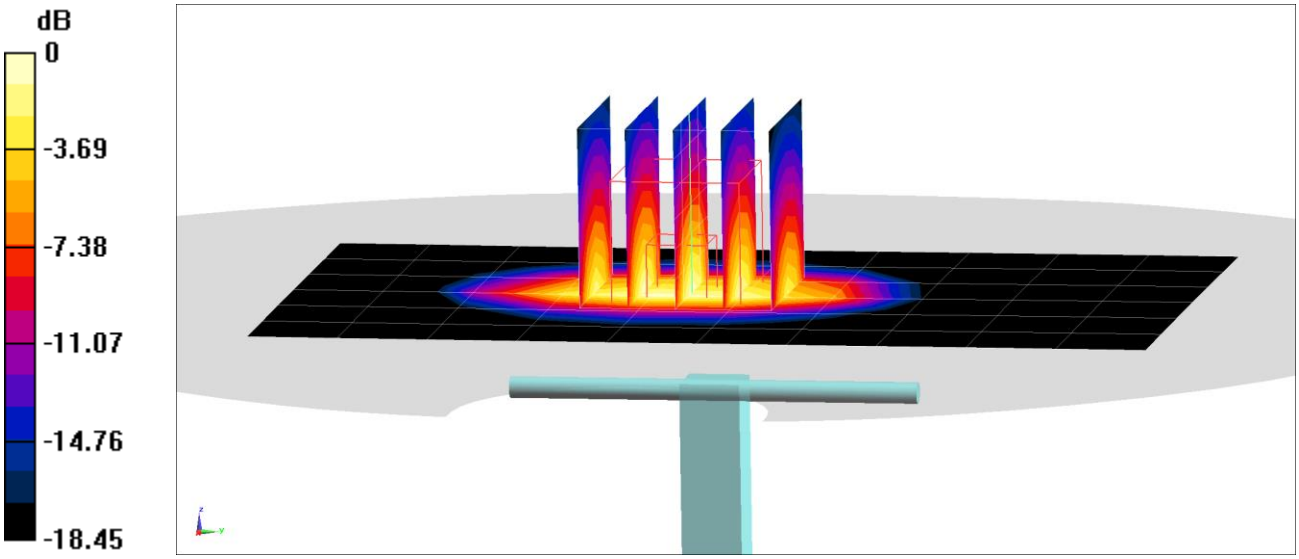
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.578 S/m; ε_r = 51.307; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.81 W/kg
SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.14 W/kg
Deviation(1 g) = 5.87%; Deviation(10 g) = 3.88%



0 dB = 6.51 W/kg = 8.14 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

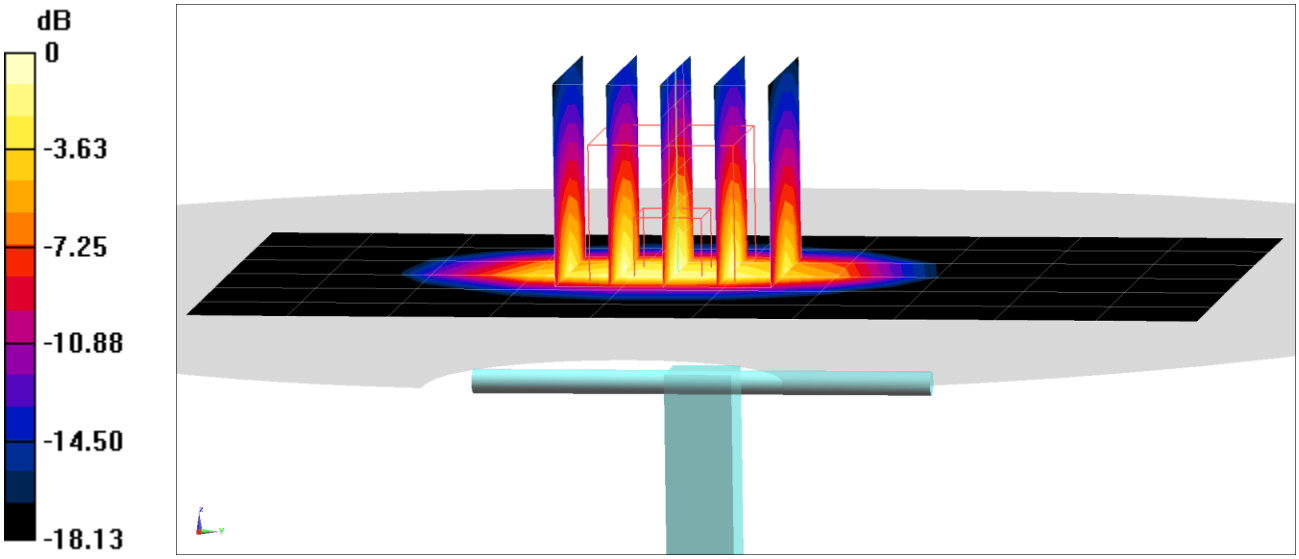
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.58 S/m; ε_r = 53.169; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/26/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.81 W/kg
SAR(10 g) = 2.16 W/kg
Deviation(10 g) = 4.85%



0 dB = 6.55 W/kg = 8.16 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

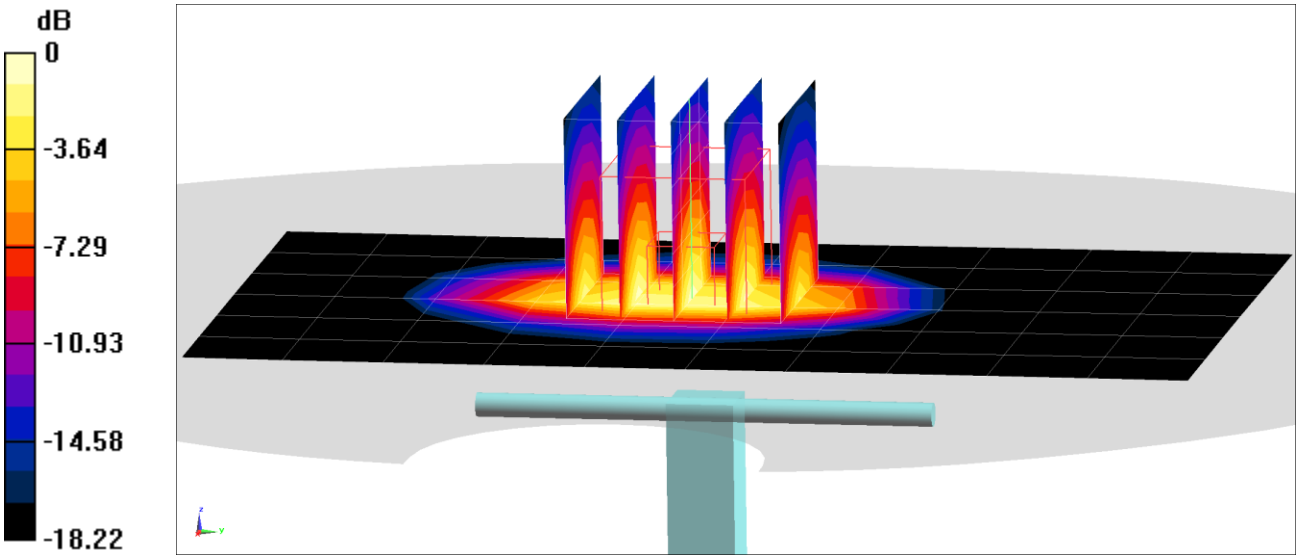
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.553 S/m; ε_r = 52.012; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 04/28/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.41 W/kg
SAR(1 g) = 3.97 W/kg
Deviation(1 g) = 1.28%



0 dB = 6.19 W/kg = 7.92 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

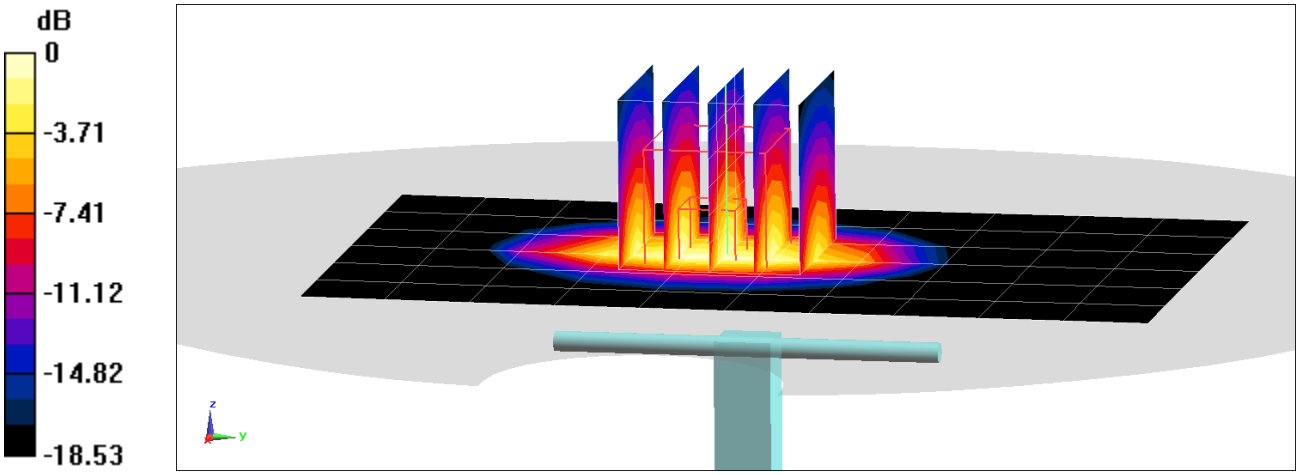
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.548 S/m; ε_r = 51.739; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 05/02/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.85 W/kg
SAR(1 g) = 4.09 W/kg; SAR(10 g) = 2.1 W/kg
Deviation(1 g) = 4.34%; Deviation(10 g) = 1.94%



0 dB = 6.43 W/kg = 8.08 dBW/kg

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d080

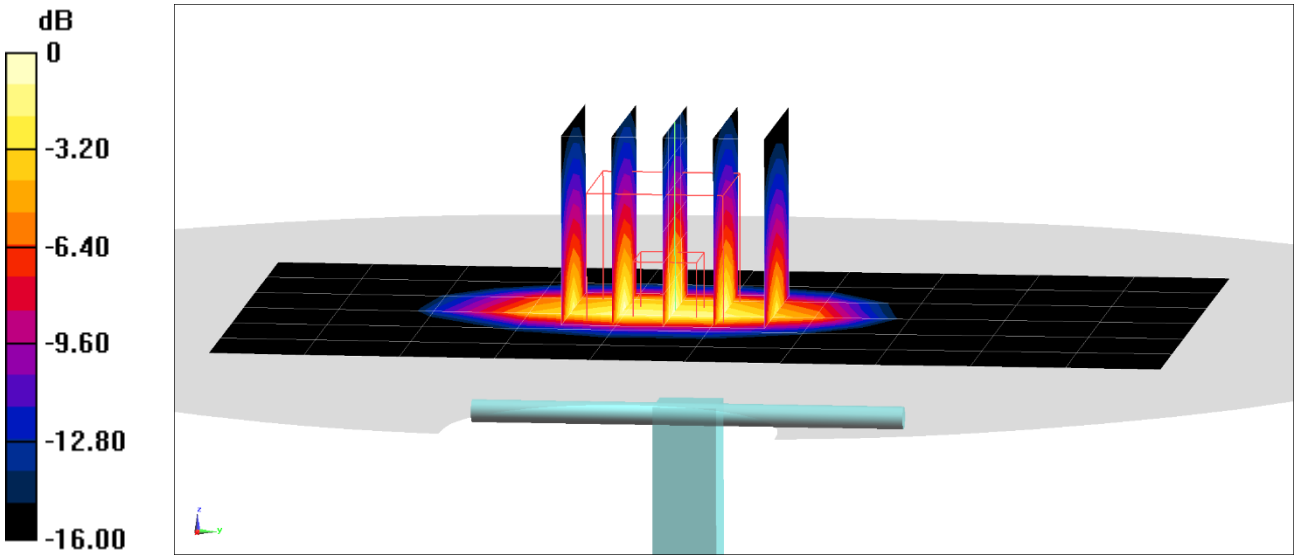
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used:
f = 1900 MHz; σ = 1.58 S/m; ε_r = 51.212; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/09/2021; Ambient Temp: 23.7°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN3589; ConvF(6.84, 6.84, 6.84) @ 1900 MHz; Calibrated: 1/20/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1558; Calibrated: 1/13/2021
Phantom: Twin-SAM V5.0 (30); Type: QD 000 P40 CD; Serial: 1646
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 7.12 W/kg
SAR(1 g) = 3.75 W/kg
Deviation(1 g) = -4.34%



0 dB = 5.90 W/kg = 7.71 dBW/kg

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1073

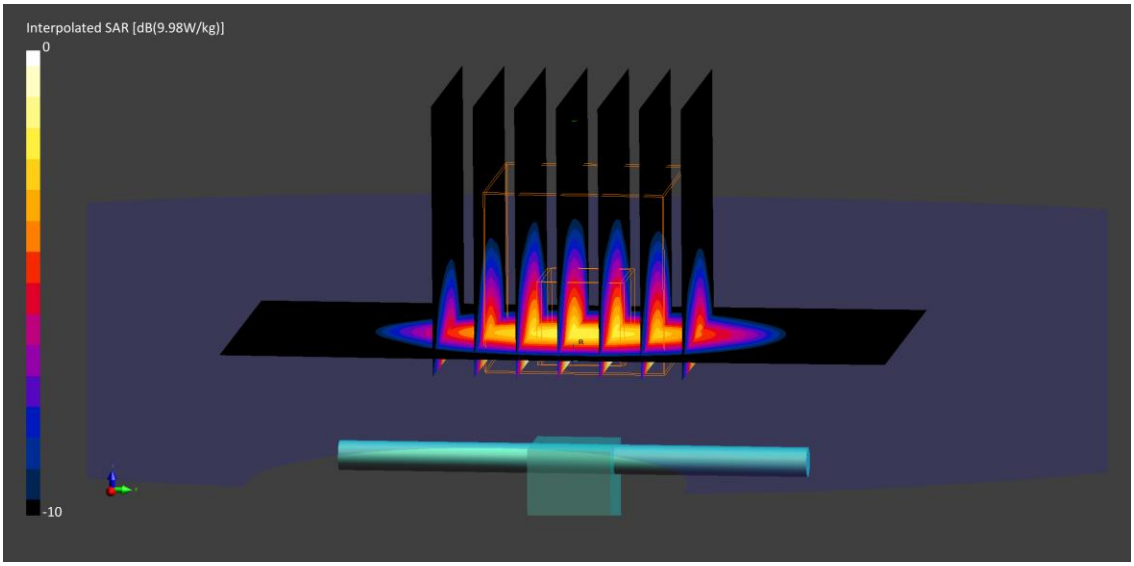
Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2300.0 MHz; σ = 1.86 S/m; ε_r = 51.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/11/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7538; ConvF:(7.62,7.62,7.62); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

2300 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 9.98 W/kg
SAR(1 g) = 4.92 W/kg; SAR(10 g) = 2.34 W/kg
Deviation (1 g) = 3.14%; Deviation (10 g) = 0.86%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 797

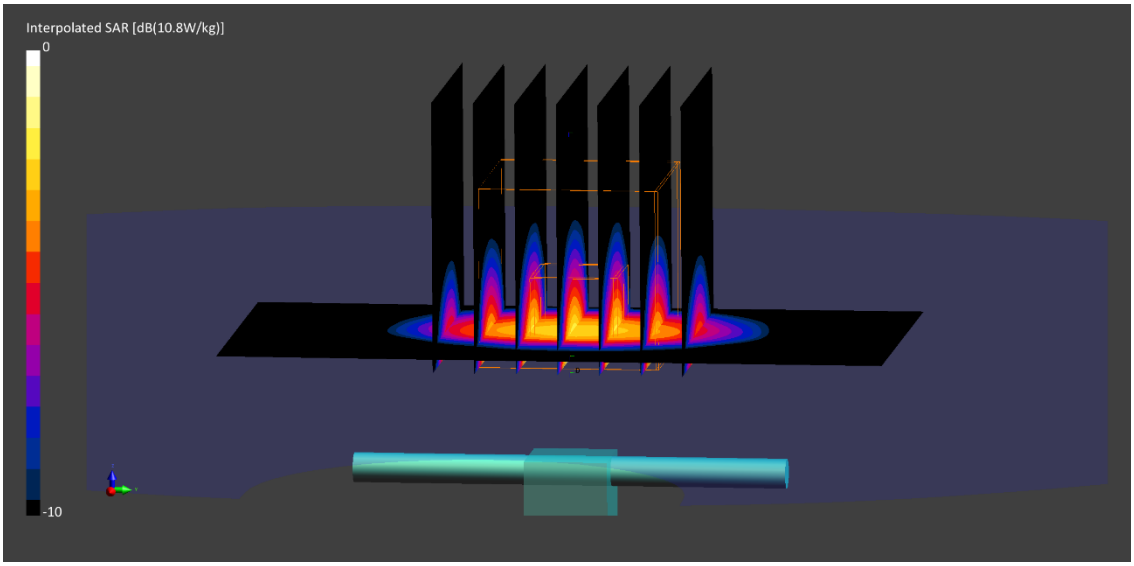
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 1.99 S/m; ε_r = 52.2; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/12/2021; Ambient Temp: 21.7°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 5.13 W/kg; SAR(10 g) = 2.37 W/kg
Deviation (1 g) = 3.85%; Deviation (10 g) = 1.28%



PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1064

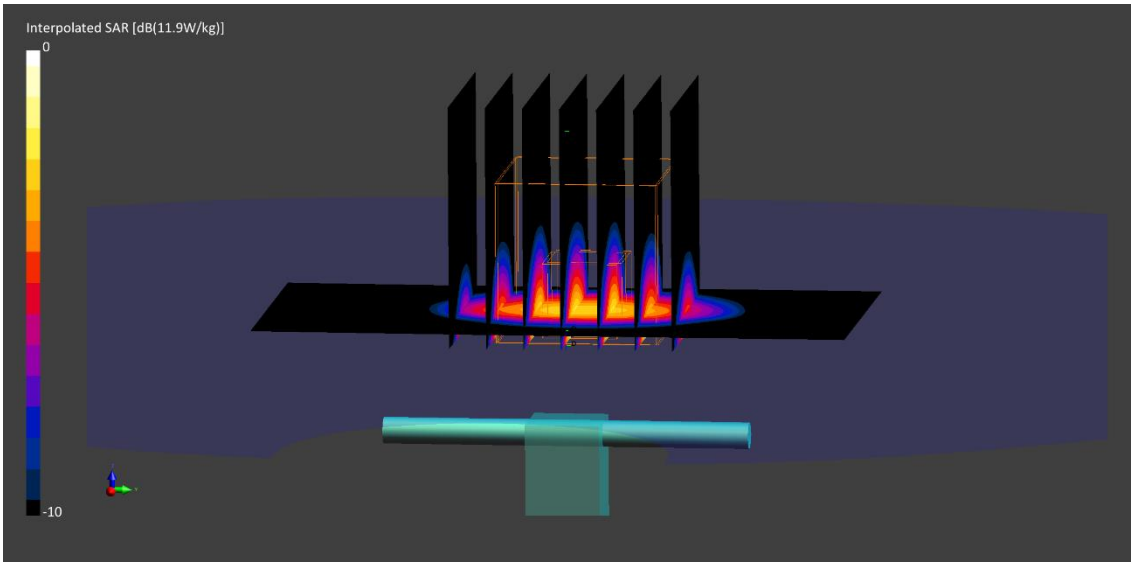
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2600.0 MHz; σ = 2.20 S/m; ε_r = 51.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/12/2021; Ambient Temp: 21.7°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.38 W/kg
Deviation (1 g) = -3.06%; Deviation (10 g) = -4.80%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 719

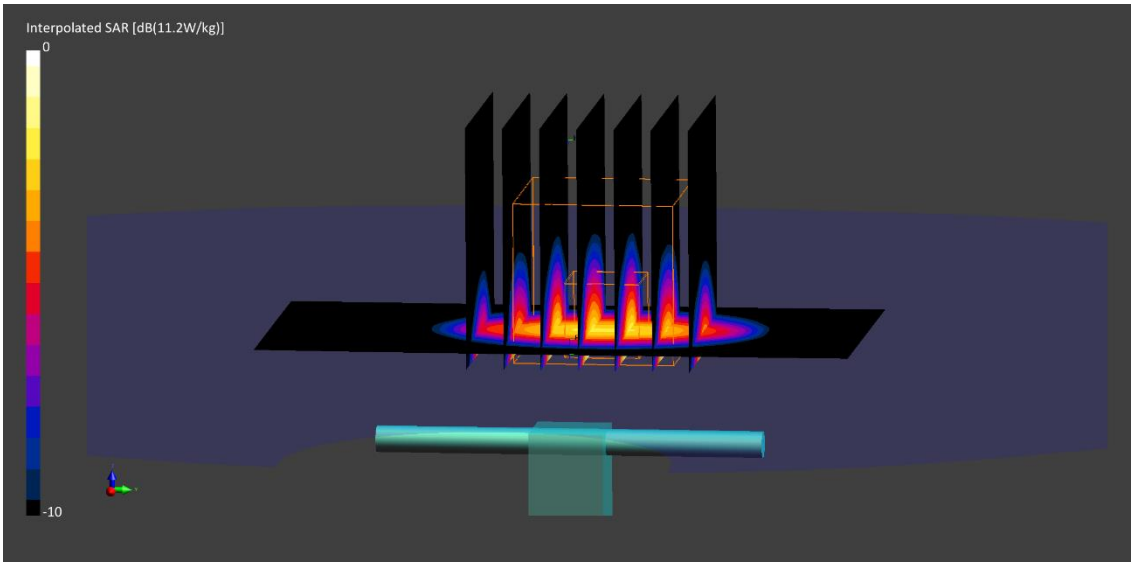
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 2.03 S/m; ε_r = 53.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/14/2021; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.30 W/kg; SAR(10 g) = 2.44 W/kg
Deviation (1 g) = 4.54%; Deviation (10 g) = 2.09%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 981

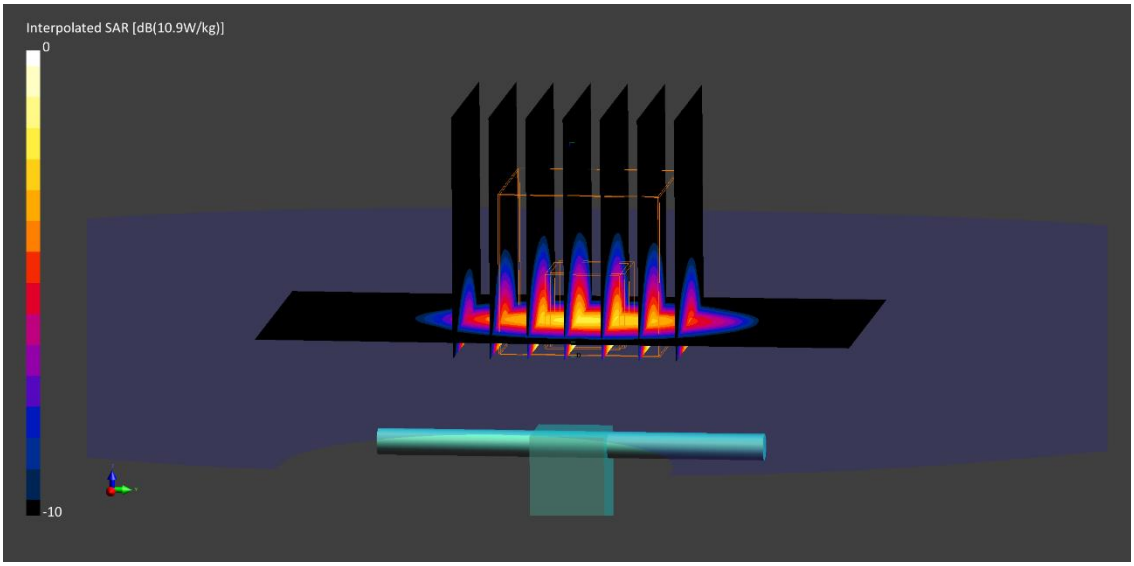
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 1.99 S/m; ε_r = 51.9; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/15/2021; Ambient Temp: 20.5°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 4.98 W/kg
Deviation (1 g) = -0.60%



PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1071

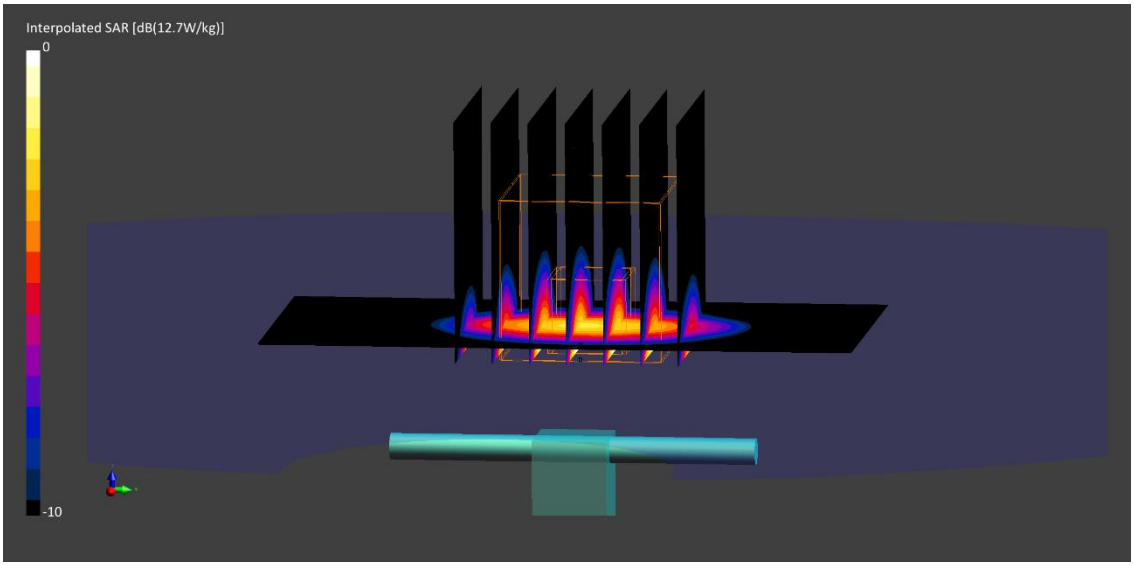
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2600.0 MHz; σ = 2.19 S/m; ε_r = 51.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/15/2021; Ambient Temp: 20.5°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 5.54 W/kg
Deviation (1 g) = 2.03%



PCTEST

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1073

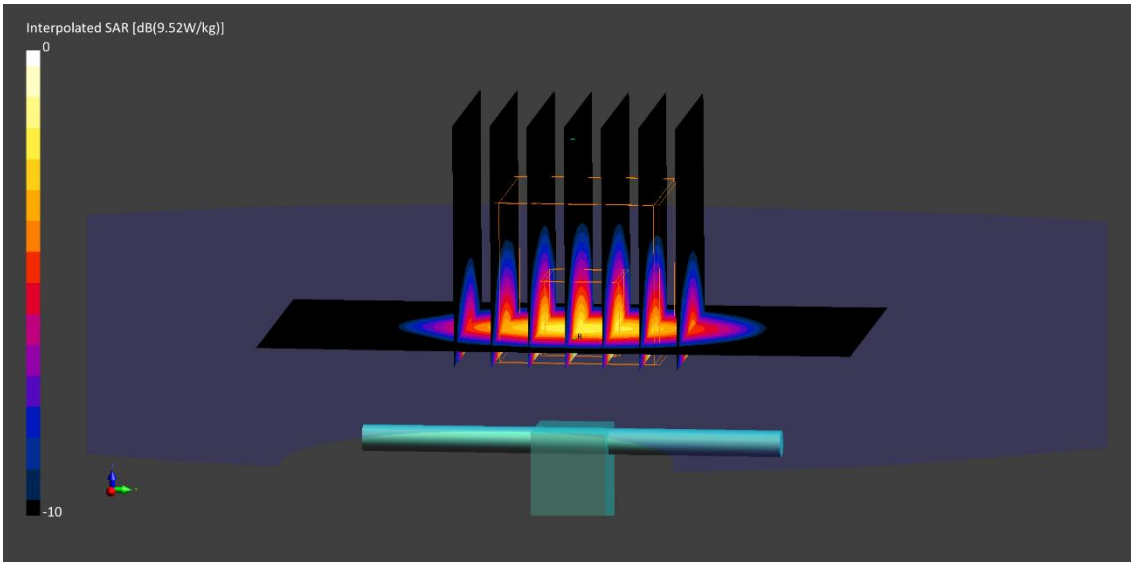
Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2300.0 MHz; σ = 1.87 S/m; ε_r = 52.9; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/18/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.1°C

Probe: EX3DV4 - SN7538; ConvF:(7.62,7.62,7.62); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Leftt); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

2300 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 9.52 W/kg
SAR(1 g) = 4.73 W/kg
Deviation (1 g) = -0.84%



DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1071

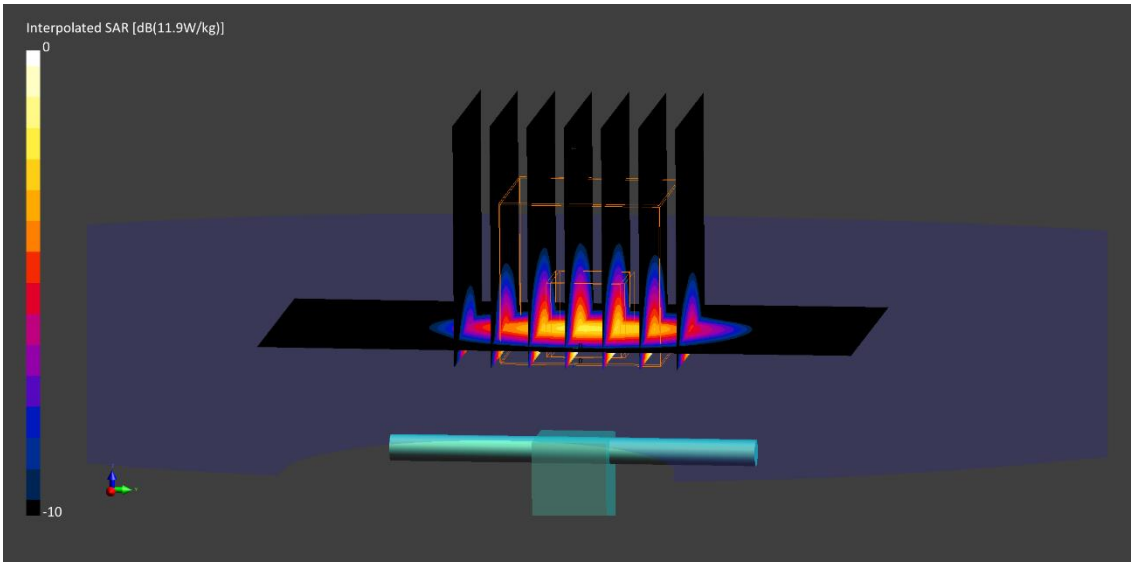
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2600.0 MHz; σ = 2.21 S/m; ε_r = 51.8; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/18/2021; Ambient Temp: 22.9°C; Tissue Temp: 22.3°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.30 W/kg
Deviation (1 g) = -2.39%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 981

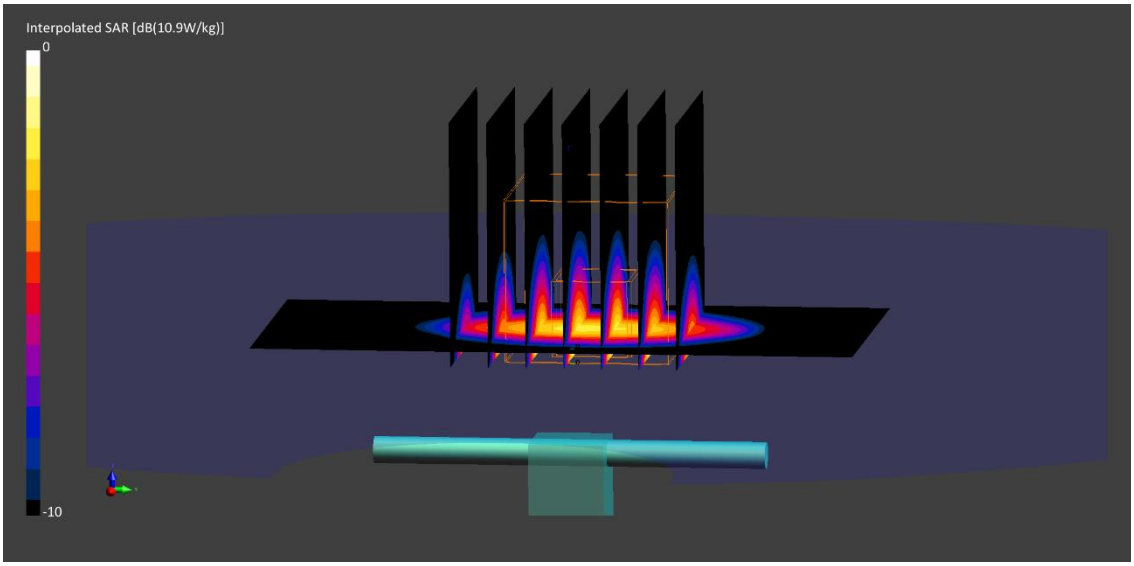
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 1.95 S/m; ε_r = 52.4; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.1°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.35 W/kg
Deviation (1 g) = 0.40%; Deviation (10 g) = -0.84%



PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1071

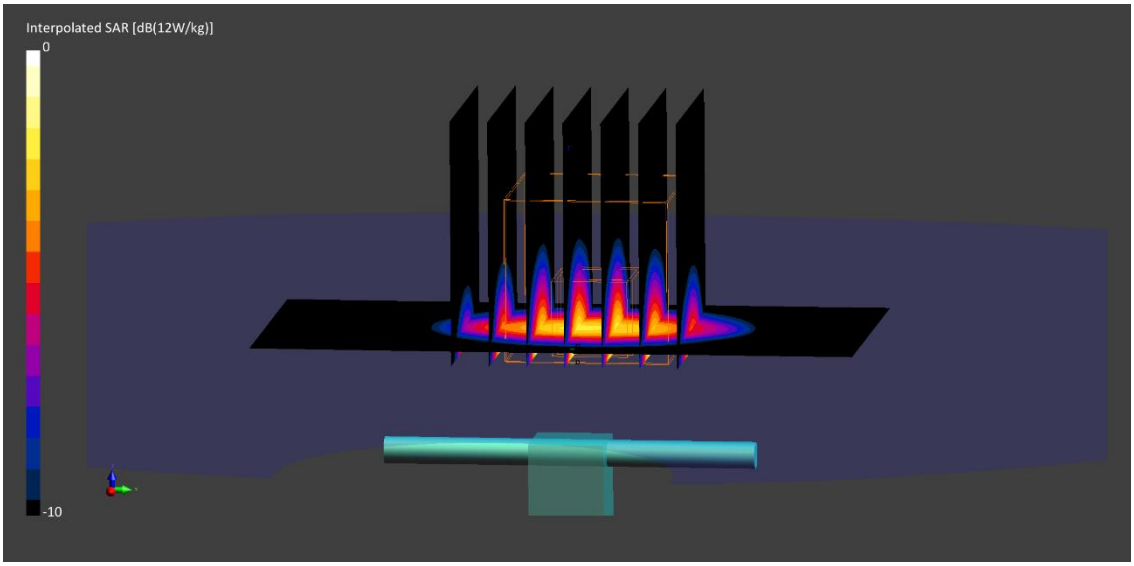
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2600.0 MHz; σ = 2.16 S/m; ε_r = 52.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/21/2021; Ambient Temp: 24.1°C; Tissue Temp: 24.5°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.34 W/kg; SAR(10 g) = 2.39 W/kg
Deviation (1 g) = -1.66%; Deviation (10 g) = -0.83%



PCTEST

DUT: Dipole 2300.0 MHz; Type: D2300V2; Serial: 1073

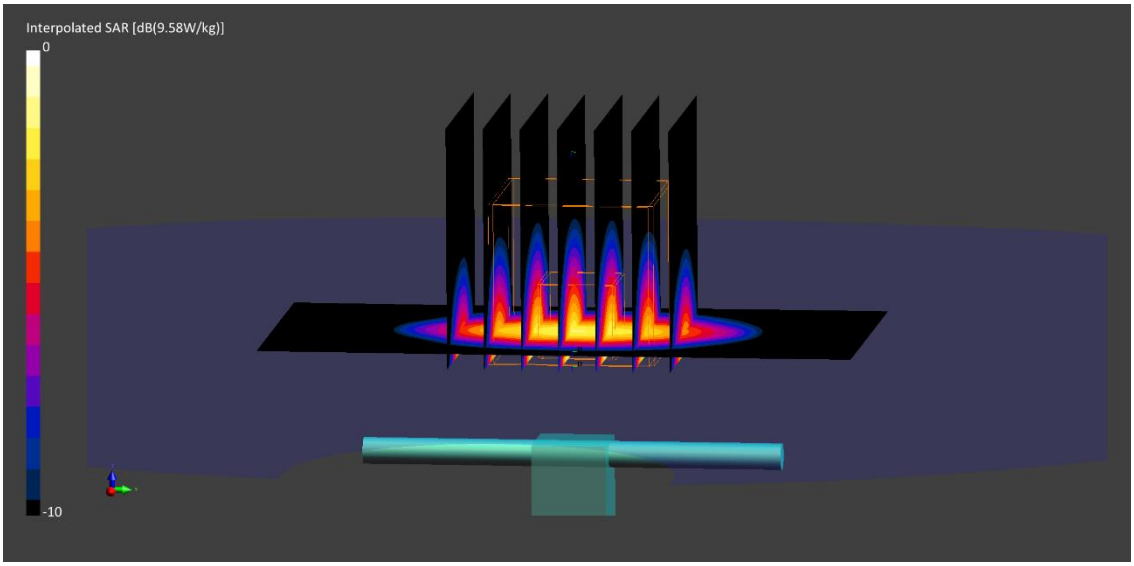
Communication System: UID: 0, CW; Frequency: 2300.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2300.0 MHz; σ = 1.78 S/m; ε_r = 53.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/26/2021; Ambient Temp: 23.5°C; Tissue Temp: 23.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.64,7.64,7.64); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2300 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 9.58 W/kg
SAR(1 g) = 4.90 W/kg; SAR(10 g) = 2.36 W/kg
Deviation (1 g) = 2.73%; Deviation (10 g) = 1.72%



DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 981

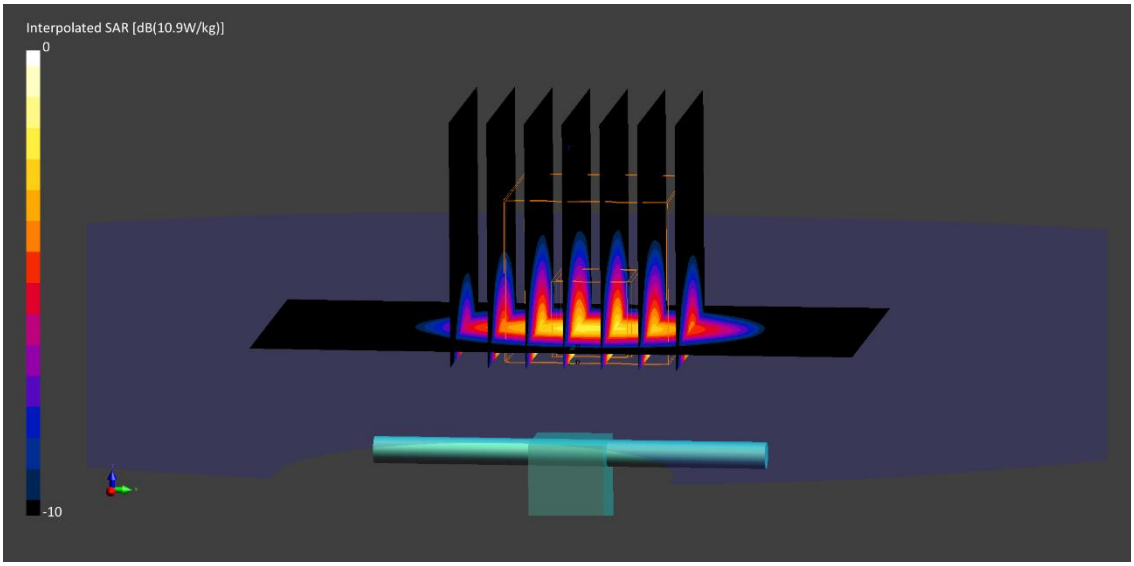
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 1.95 S/m; ε_r = 52.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 21.3°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7539; ConvF:(7.62,7.62,7.62); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 10.9 W/kg
SAR(10 g) = 2.35 W/kg
Deviation (10 g) = -0.84%



DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1071

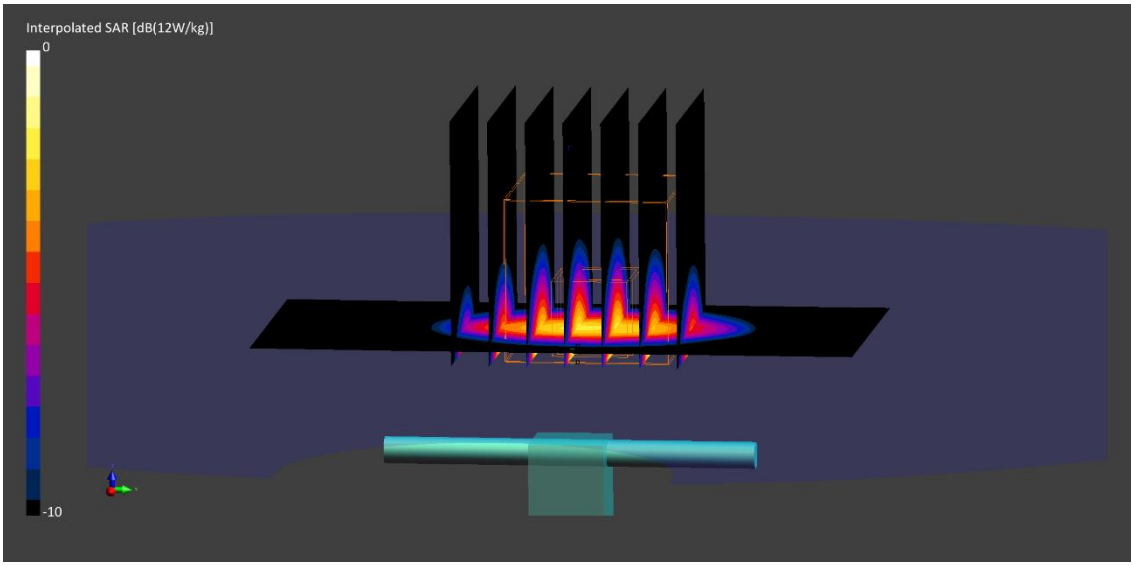
Communication System: UID: 0, CW; Frequency: 2600.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2600.0 MHz; σ = 2.16 S/m; ε_r = 52.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 21.3°C; Tissue Temp: 23.7°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

2600 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.45 W/kg
Deviation (1 g) = 0.37%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 719

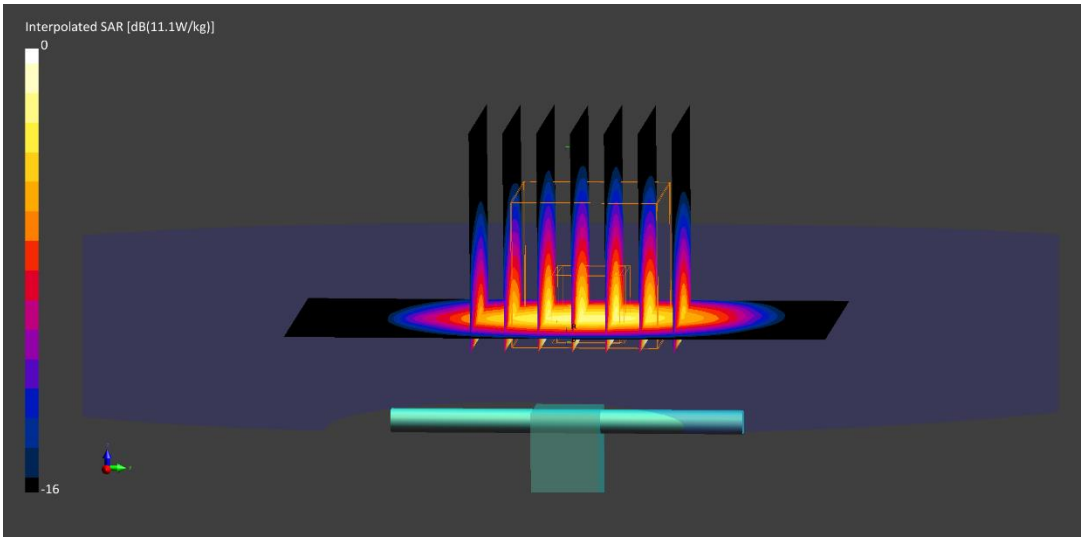
Communication System: UID: 0, CW; Frequency: 2450.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2450.0 MHz; σ = 2.03 S/m; ε_r = 51.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/06/2021; Ambient Temp: 22.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7538; ConvF:(7.44,7.44,7.44); Calibrated: 2020-11-23
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2020-09-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1873
Measurement SW: cDASY6 Module SAR V6.14.0.959

2450 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.5mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 11.1 W/kg
SAR(10 g) = 2.38 W/kg
Deviation (10 g) = -0.42%



PCTEST

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1059

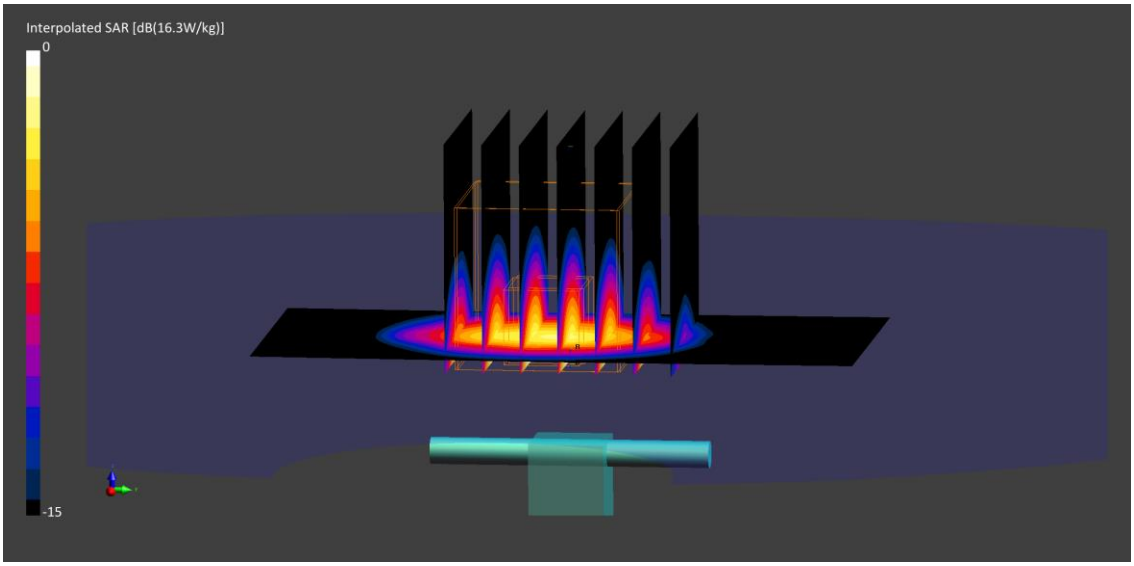
Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; σ = 3.26 S/m; ε_r = 49.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.31,6.31,6.31); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.53 W/kg
Deviation (1 g) = 5.87%; Deviation (10 g) = 8.58%



PCTEST

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1018

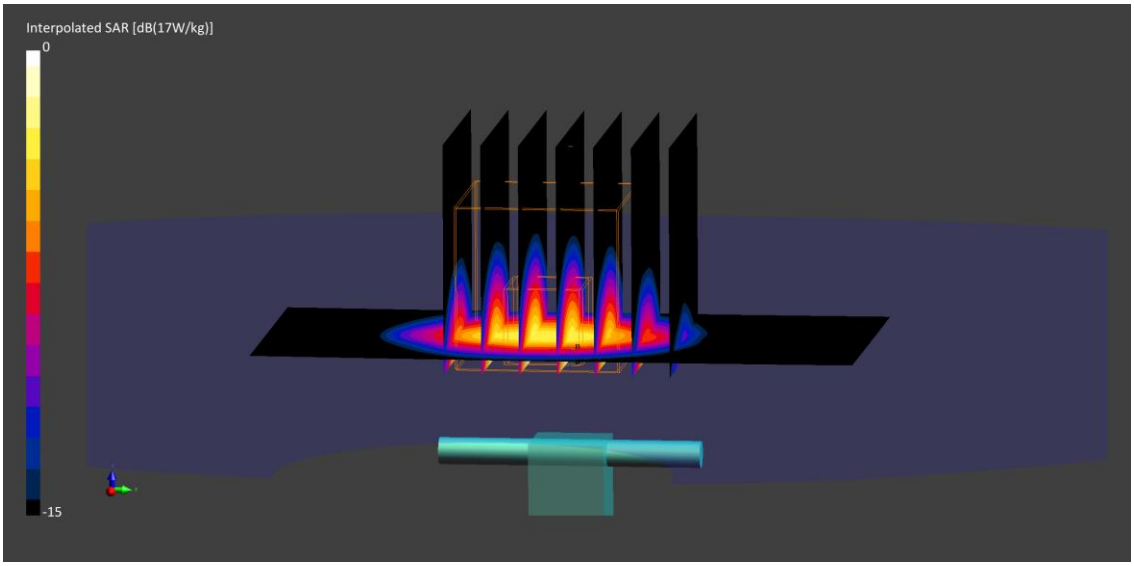
Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3700.0 MHz; σ = 3.50 S/m; ε_r = 49.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/26/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.41,6.41,6.41); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.46 W/kg
Deviation (1 g) = 5.20%; Deviation (10 g) = 9.33%



DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1097

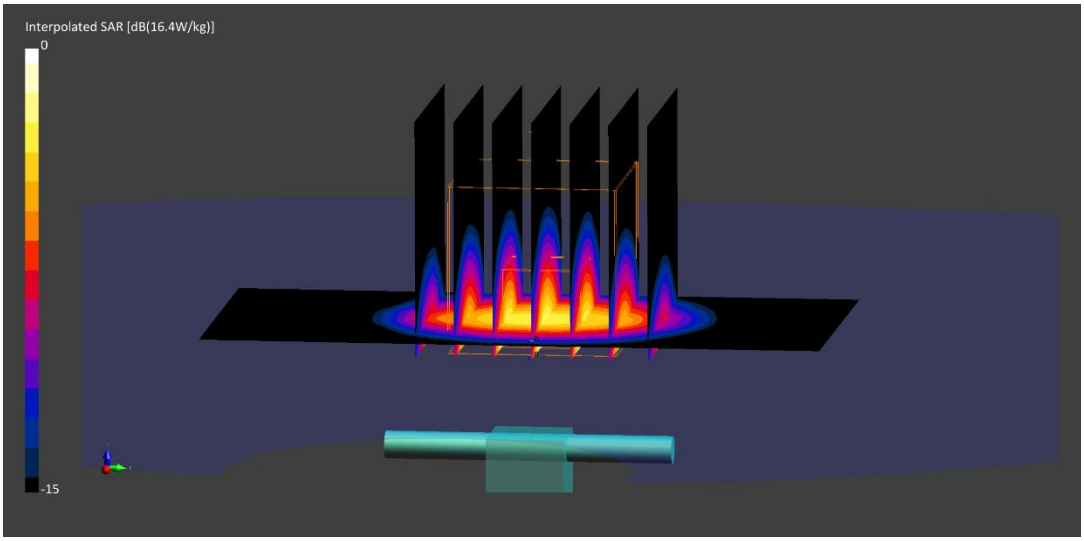
Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; σ = 3.26 S/m; ε_r = 51.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/12/2021; Ambient Temp: 20.9°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7539; ConvF:(6.5,6.5,6.5); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 6.51 W/kg
Deviation (1 g) = 1.40%



DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1067

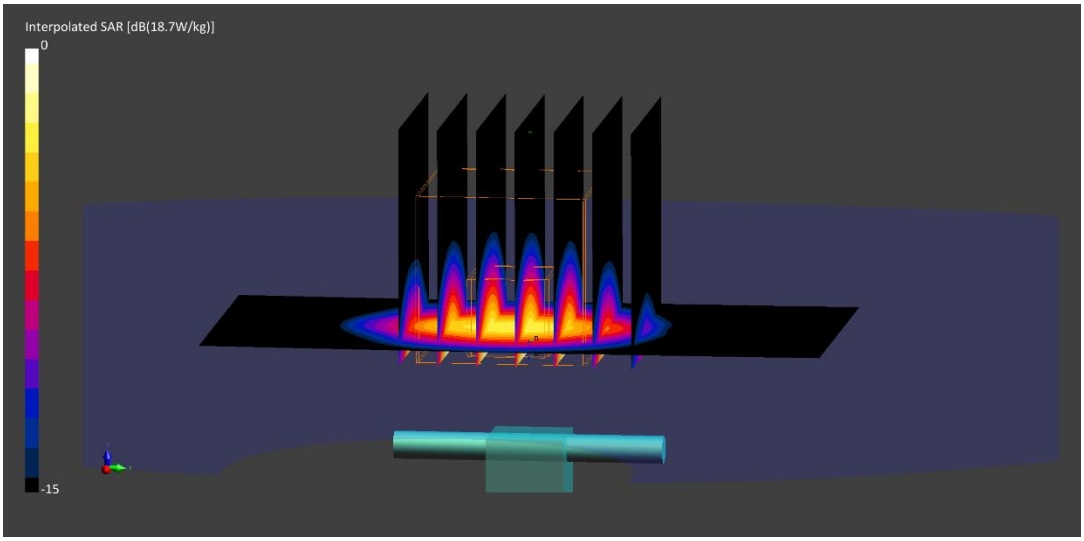
Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3700.0 MHz; σ = 3.54 S/m; ε_r = 48.6; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/13/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(6.41,6.41,6.41); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.47 W/kg
Deviation (1 g) = 5.67%; Deviation (10 g) = 6.01%



DUT: Dipole 3900 MHz; Type: D3900V2; Serial: 1056

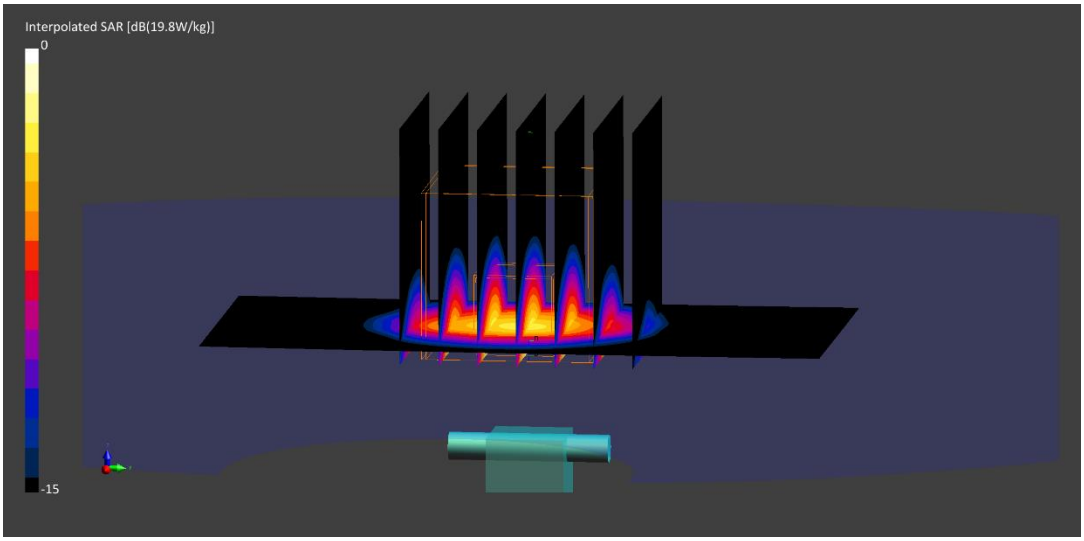
Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3900.0 MHz; σ = 3.75 S/m; ε_r = 48.4; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/13/2021; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7551; ConvF:(5.95,5.95,5.95); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1333; Calibrated: 2020-10-16
Phantom: Twin-SAM V5.0 Right Back; Serial: 1692
Measurement SW: cDASY6 Module SAR V6.14.0.959

3900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 19.8 W/kg
SAR(1 g) = 6.84 W/kg; SAR(10 g) = 2.32 W/kg
Deviation (1 g) = 3.17%; Deviation (10 g) = 0.87%



DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1097

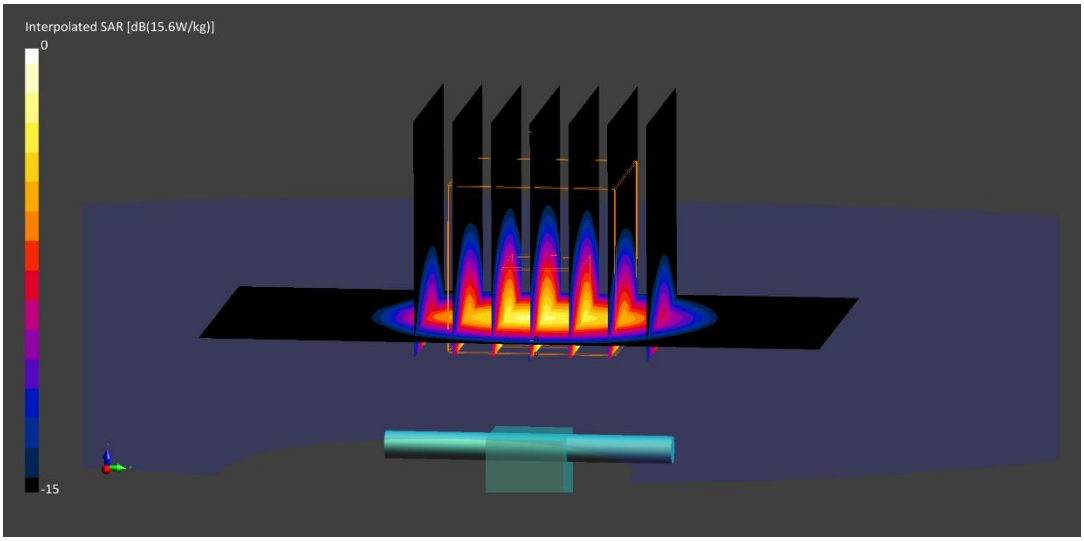
Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3500.0 MHz; σ = 3.27 S/m; ε_r = 51.5; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/14/2021; Ambient Temp: 22.3°C; Tissue Temp: 19.8°C

Probe: EX3DV4 - SN7539; ConvF:(6.5,6.5,6.5); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 6.13 W/kg; SAR(10 g) = 2.31 W/kg
Deviation (1 g) = -4.52%; Deviation (10 g) = -2.94%



DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1067

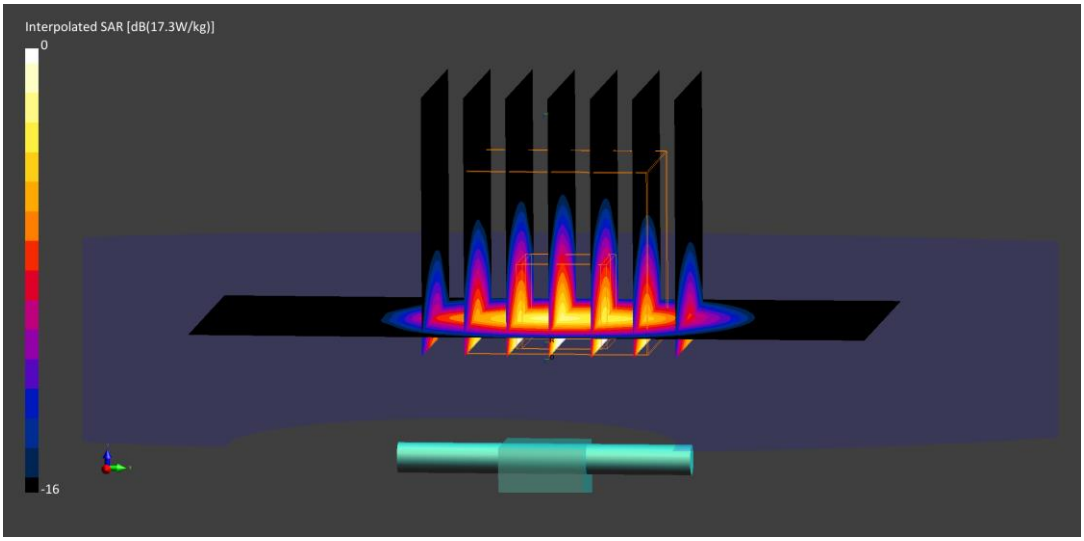
Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3700.0 MHz; σ = 3.50 S/m; ε_r = 50.5; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 06/03/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7539; ConvF:(6.48,6.48,6.48); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.44 W/kg
Deviation (1 g) = 2.30%; Deviation (10 g) = 4.72%



DUT: Dipole 3900 MHz; Type: D3900V2; Serial: 1056

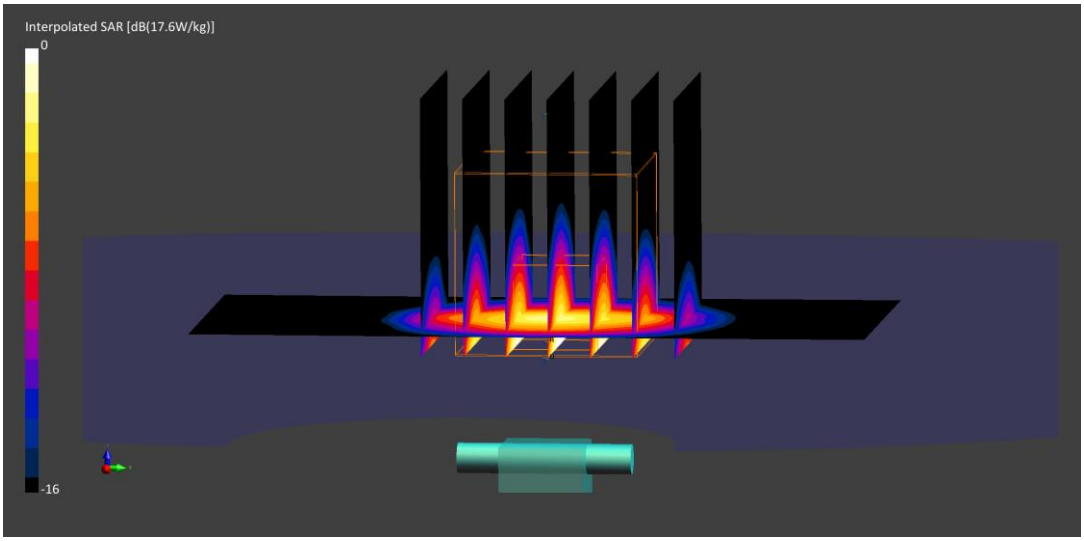
Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3600 Body; Medium parameters used:
f = 3900.0 MHz; σ = 3.77 S/m; ε_r = 50.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 06/03/2021; Ambient Temp: 23.0°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7539; ConvF:(6.18,6.18,6.18); Calibrated: 2020-10-20
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1415; Calibrated: 2021-03-10
Phantom: Twin-SAM V5.0 (Left); Serial: 1630
Measurement SW: cDASY6 Module SAR V6.14.0.959

3900 MHz System Verification at 20.0 dBm (100 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.34 W/kg
Deviation (1 g) = 0.75%; Deviation (10 g) = 1.74%



DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1191

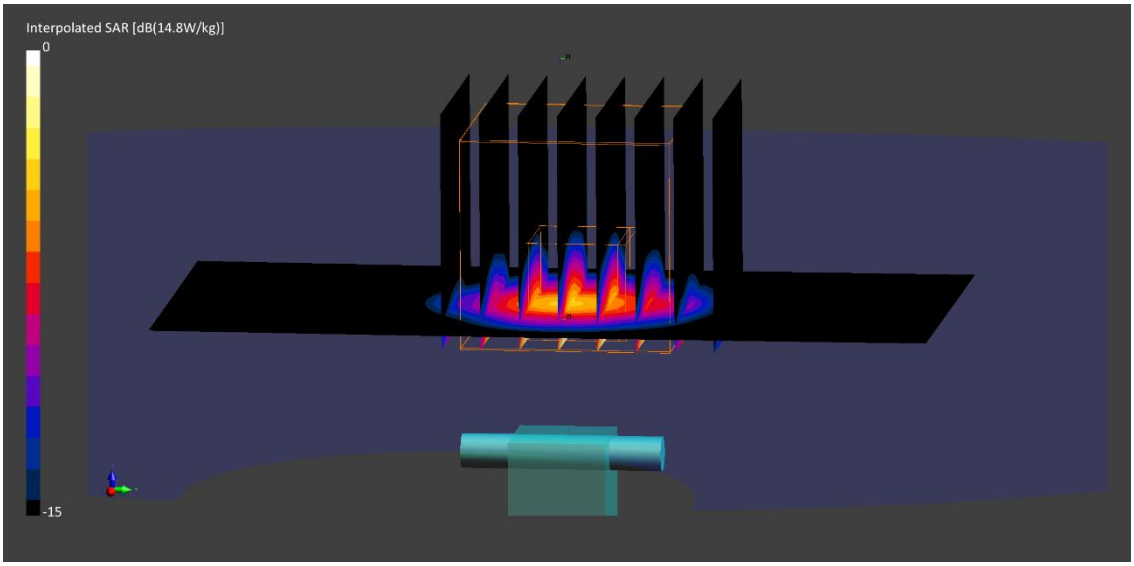
Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5250.0 MHz; σ = 5.40 S/m; ε_r = 47.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/13/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5250 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 14.802 W/kg
SAR(1 g) = 3.69 W/kg
Deviation (1 g) = -1.07%



DUT: Dipole 5600 MHz; Type: D5GHzV2; Serial: 1191

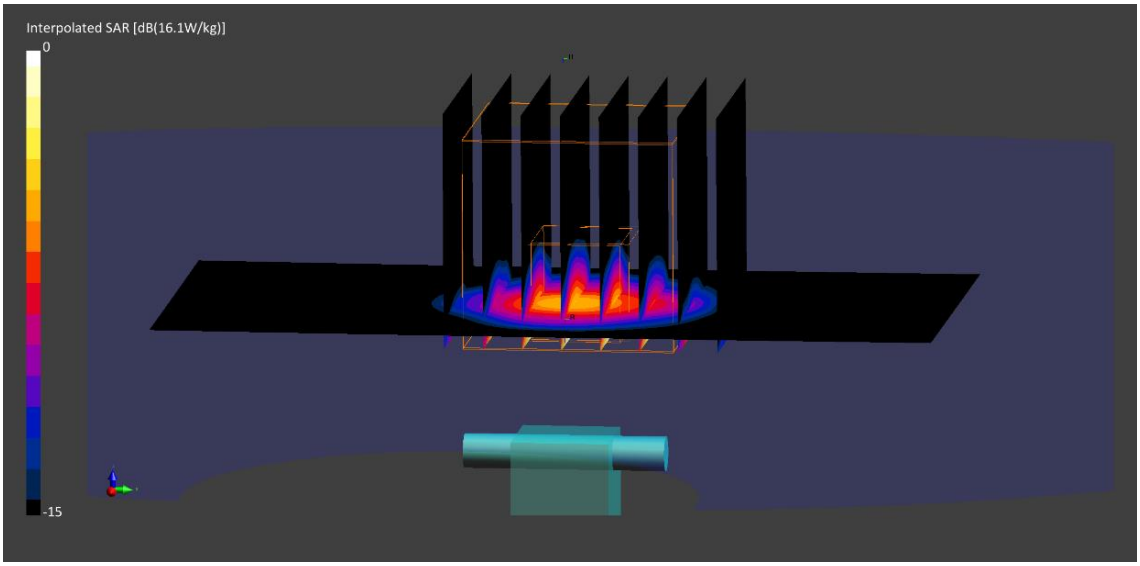
Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5600.0 MHz; σ = 5.90 S/m; ε_r = 47.1; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/13/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5600 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.103 W/kg
SAR(1 g) = 3.73 W/kg
Deviation (1 g) = -4.48%



DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1191

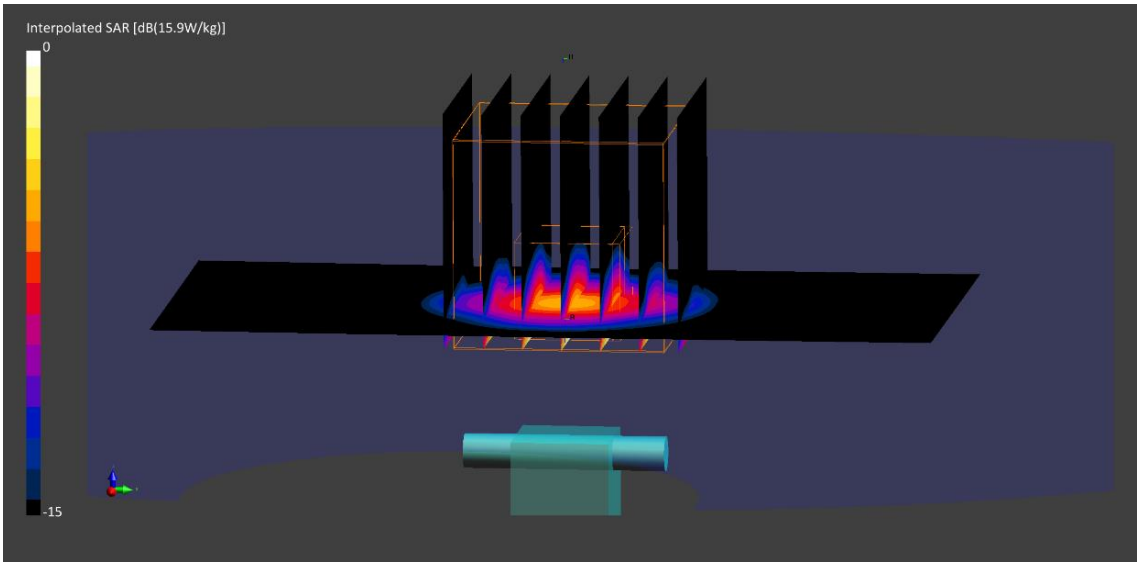
Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5750.0 MHz; σ = 6.11 S/m; ε_r = 46.8; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/13/2021; Ambient Temp: 21.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5750 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 15.875 W/kg
SAR(1 g) = 3.53 W/kg
Deviation (1 g) = -5.74%



DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1191

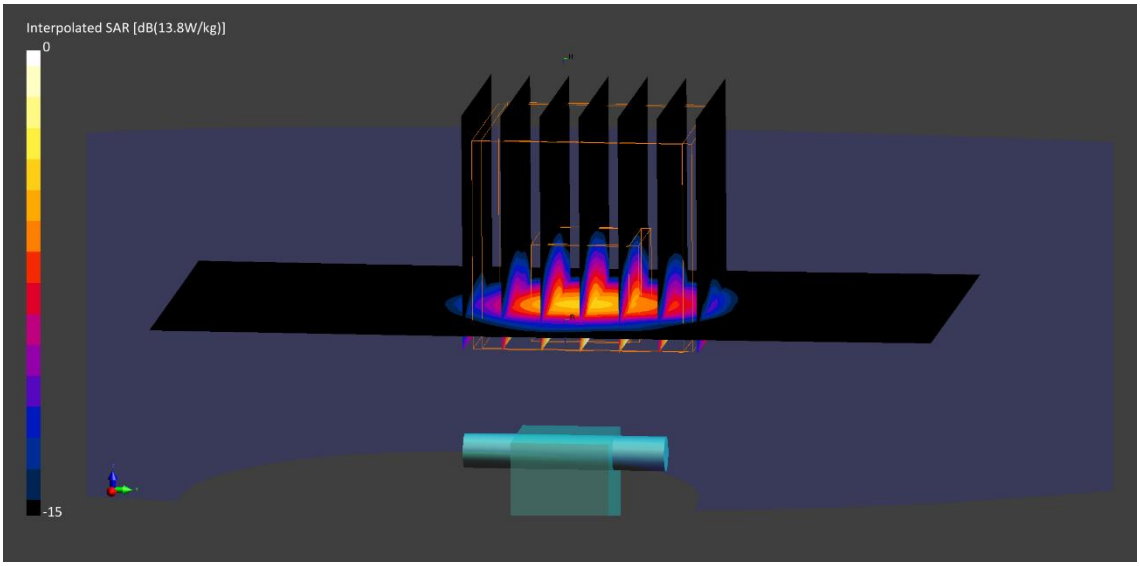
Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5250.0 MHz; σ = 5.11 S/m; ε_r = 47.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/16/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5250 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 13.754 W/kg
SAR(1 g) = 3.47 W/kg
Deviation (1 g) = -6.97%



DUT: Dipole 5600 MHz; Type: D5GHzV2; Serial: 1191

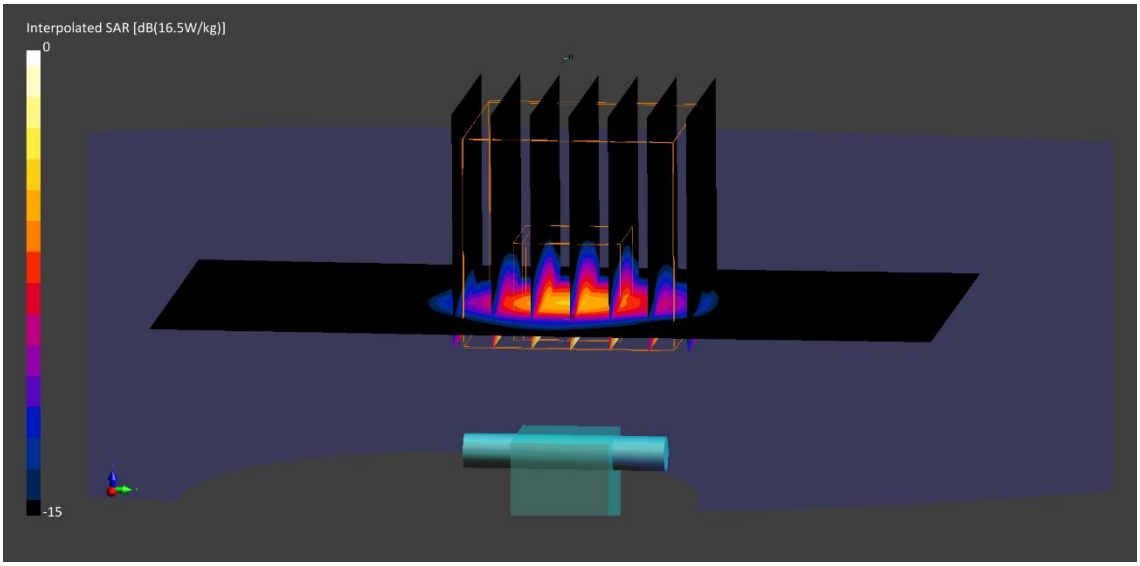
Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5600.0 MHz; σ = 5.58 S/m; ε_r = 46.4; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/16/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5600 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.497 W/kg
SAR(1 g) = 3.79 W/kg
Deviation (1 g) = -2.94%



DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1191

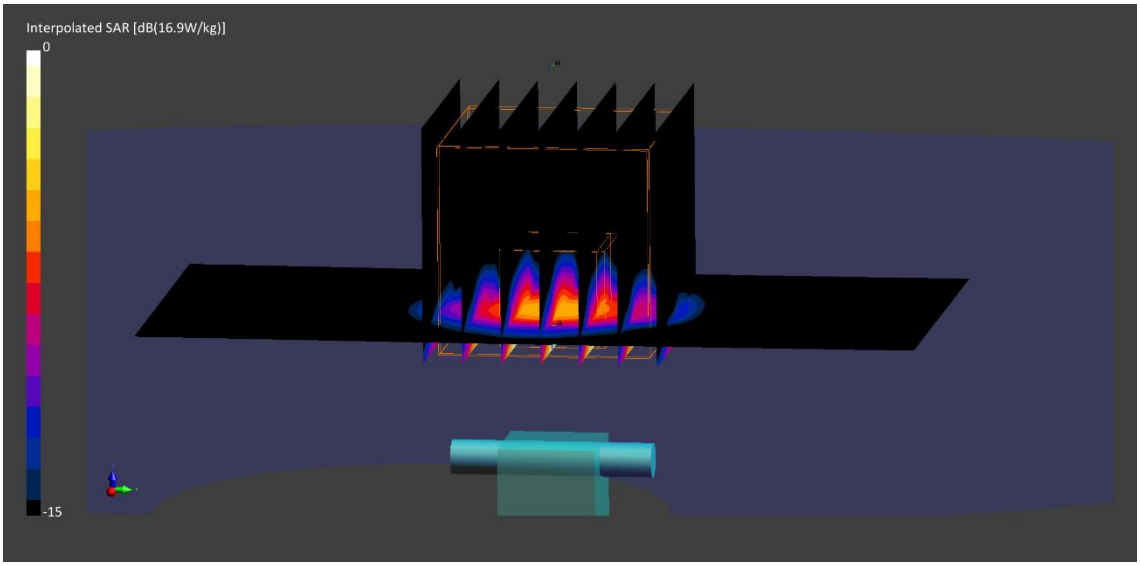
Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5750.0 MHz; σ = 5.78 S/m; ε_r = 46.2; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/16/2021; Ambient Temp: 20.9°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5750 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.856 W/kg
SAR(1 g) = 3.77 W/kg
Deviation (1 g) = 0.67%



DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1057

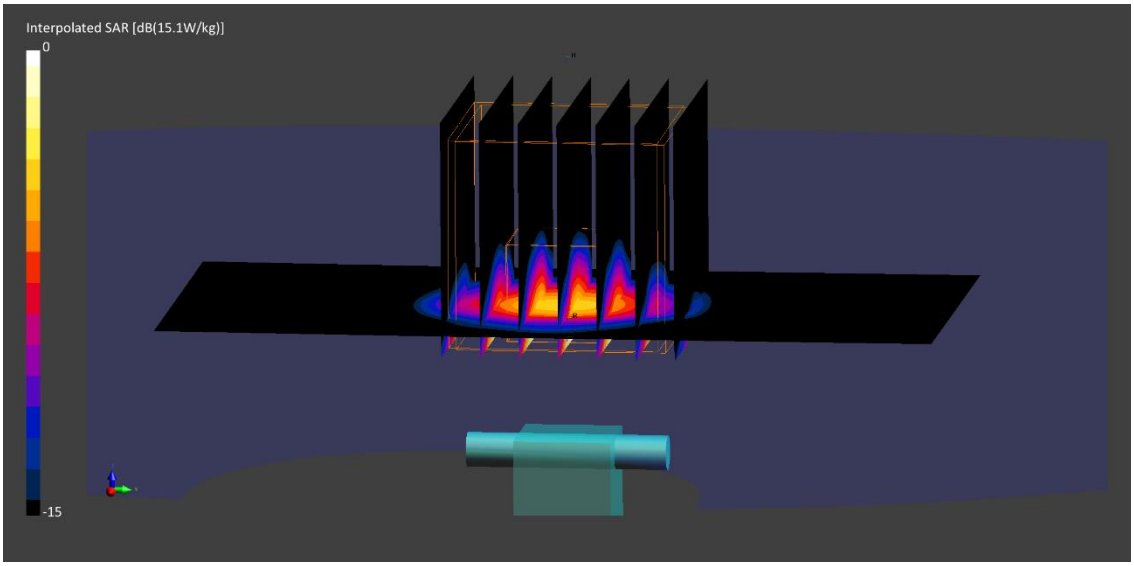
Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5250.0 MHz; σ = 5.38 S/m; ε_r = 49.9; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/19/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5250 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 15.1 W/kg
SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.07 W/kg
Deviation (1 g) = 3.10%; Deviation (10 g) = 3.38%



PCTEST

DUT: Dipole 5600 MHz; Type: D5GHzV2; Serial: 1057

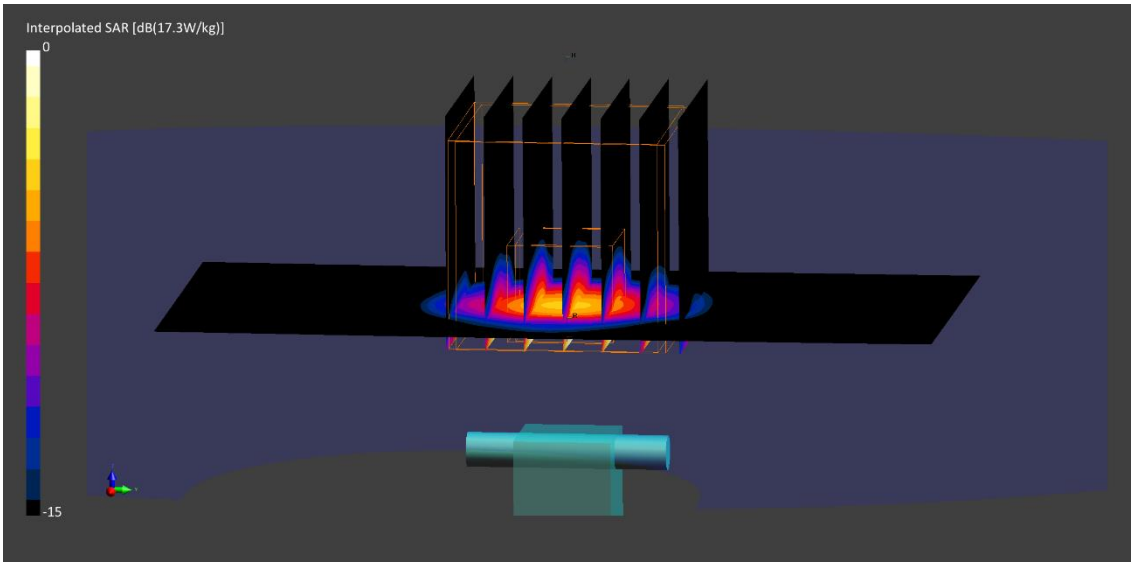
Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5600.0 MHz; σ = 5.89 S/m; ε_r = 49.3; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/19/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5600 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.11 W/kg
Deviation (1 g) = 4.39%; Deviation (10 g) = 3.74%



DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1057

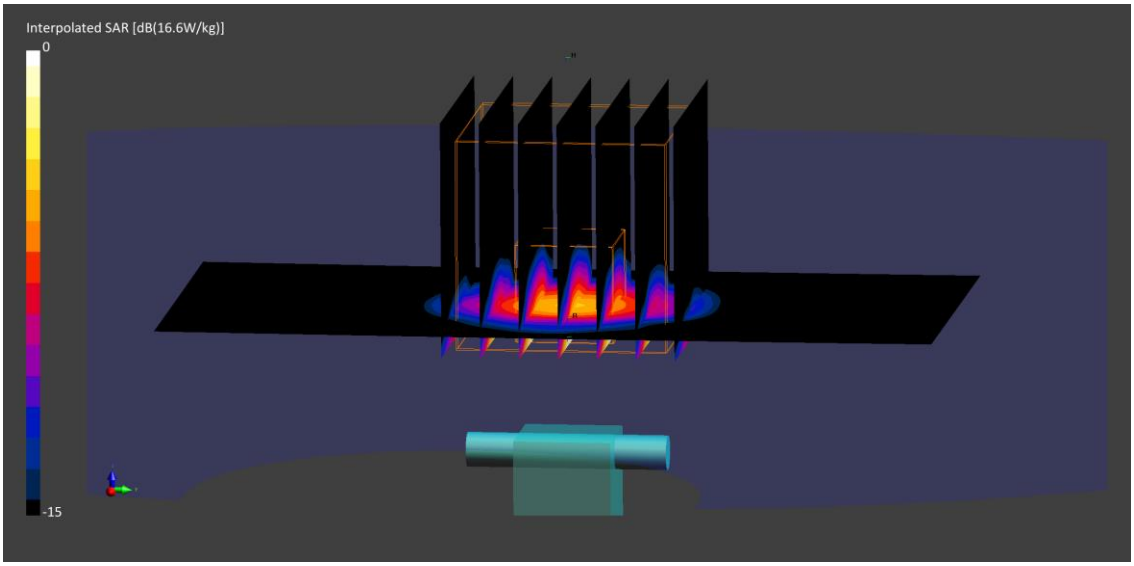
Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5750.0 MHz; σ = 6.11 S/m; ε_r = 49.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 04/19/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5750 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.05 W/kg
Deviation (1 g) = 3.57%; Deviation (10 g) = 5.00%



DUT: Dipole 5250 MHz; Type: D5GHzV2; Serial: 1191

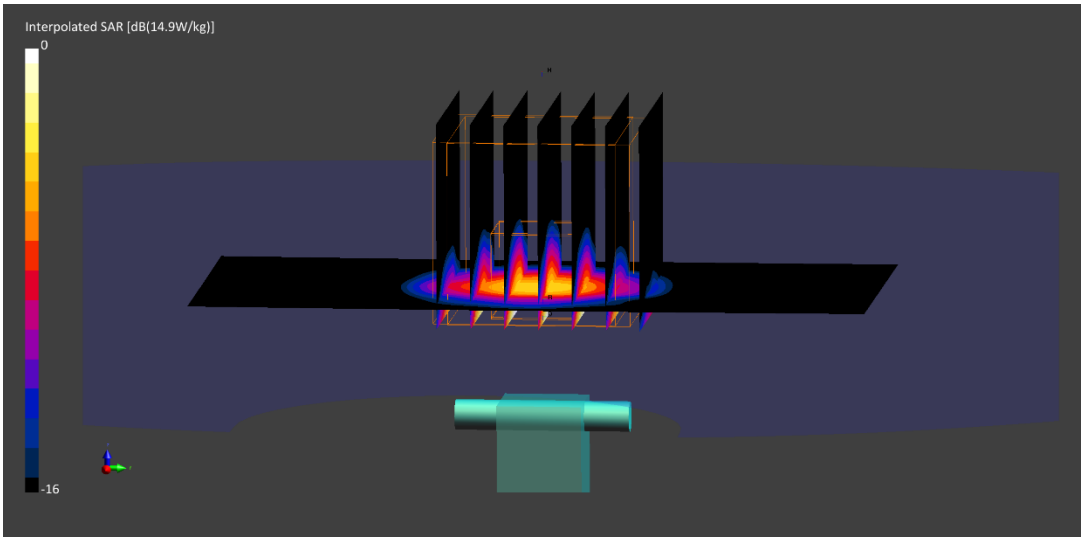
Communication System: UID: 0, CW; Frequency: 5250.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5250.0 MHz; σ = 5.42 S/m; ε_r = 48.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.55,4.55,4.55); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5250 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 14.9 W/kg
SAR(10 g) = 1.04 W/kg
Deviation (10 g) = -0.95%



DUT: Dipole 5600 MHz; Type: D5GHzV2; Serial: 1191

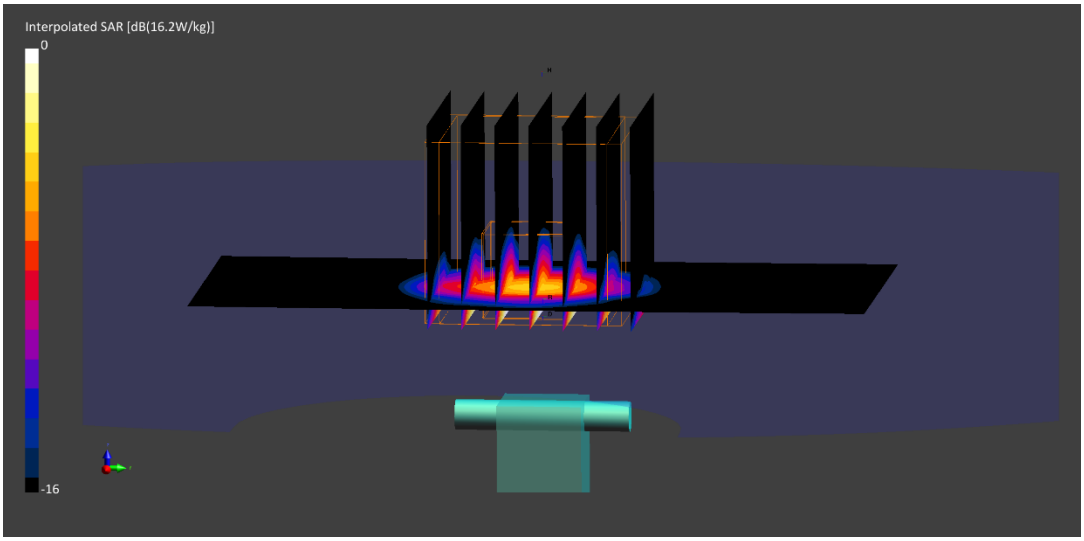
Communication System: UID: 0, CW; Frequency: 5600.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5600.0 MHz; σ = 5.91 S/m; ε_r = 48.0; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.12,4.12,4.12); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5600 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 16.2 W/kg
SAR(10 g) = 1.03 W/kg
Deviation (10 g) = -5.07%



PCTEST

DUT: Dipole 5750 MHz; Type: D5GHzV2; Serial: 1191

Communication System: UID: 0, CW; Frequency: 5750.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5750.0 MHz; σ = 6.13 S/m; ε_r = 47.7; density = 1000 kg/m^3
Phantom Section: Flat Section; Space: 1.0 cm

Test Date: 05/03/2021; Ambient Temp: 20.5°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.14,4.14,4.14); Calibrated: 2021-03-16
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; Calibrated: 2021-03-18
Phantom: Twin-SAM V5.0 (left); Serial: 1758
Measurement SW: cDASY6 Module SAR V6.14.0.959

5750 MHz System Verification at 17.0 dBm (50 mW)

Area Scan (40.0 x 80.0): Measurement grid: dx=5.0mm, dy=10.0mm
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=4.0mm, dy=4.0mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 15.6 W/kg
SAR(10 g) = 0.993 W/kg
Deviation (10 g) = -4.52%