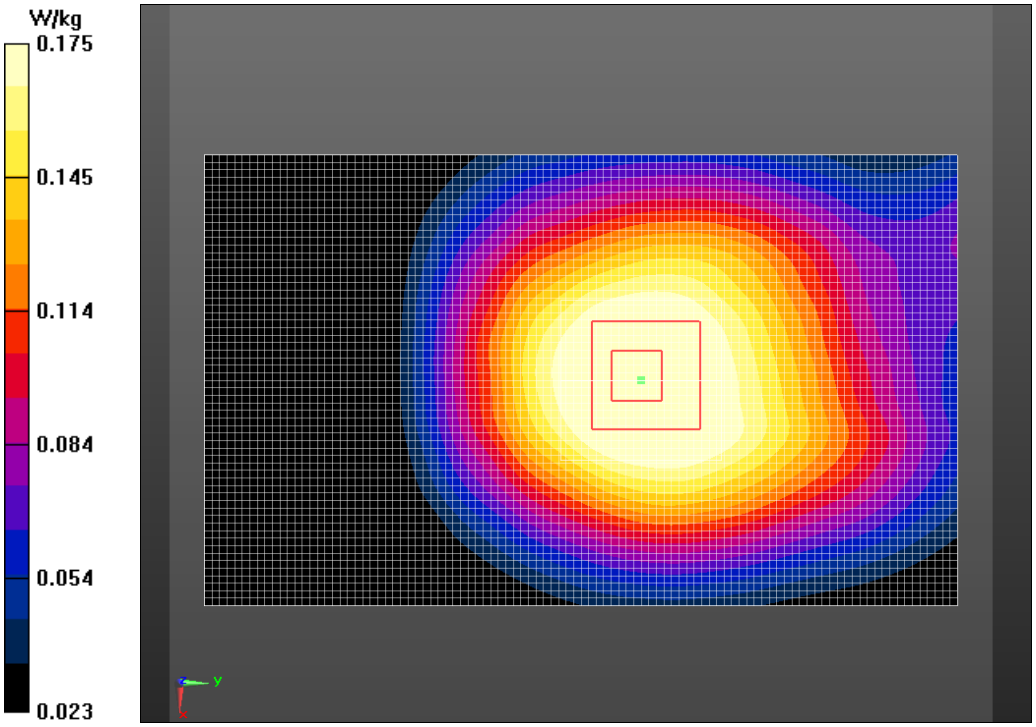
LTE Band 26 Body
Date: 2019-1-23
Electronics: DAE4 Sn1527
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.986 S/m; ε_r = 54.112; ρ = 1000 kg/m3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, LTE_FDD (0) Frequency: 831.5 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (9.69, 9.69, 9.69);

Rear Side Mid 1RB_High/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.192 W/kg

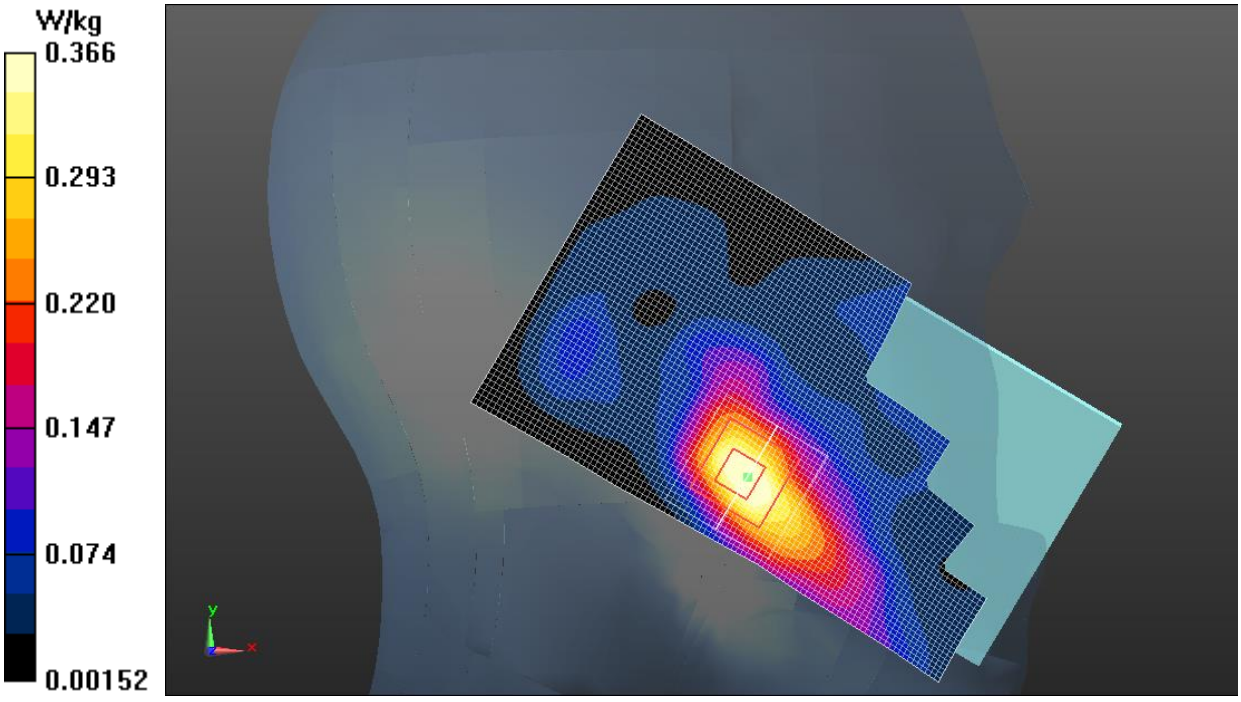
Rear Side Mid 1RB_High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.05 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.175 W/kg



LTE Band 38 Head
Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Head 2550 MHz
Medium parameters used (interpolated): f = 2595 MHz; σ = 2.024 S/m; ε_r = 38.196; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, LTE_TDD (0) Frequency: 2595 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 – SN3633 ConvF (7.28, 7.28, 7.28);

Left Cheek Mid 1RB_Low/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.385 W/kg

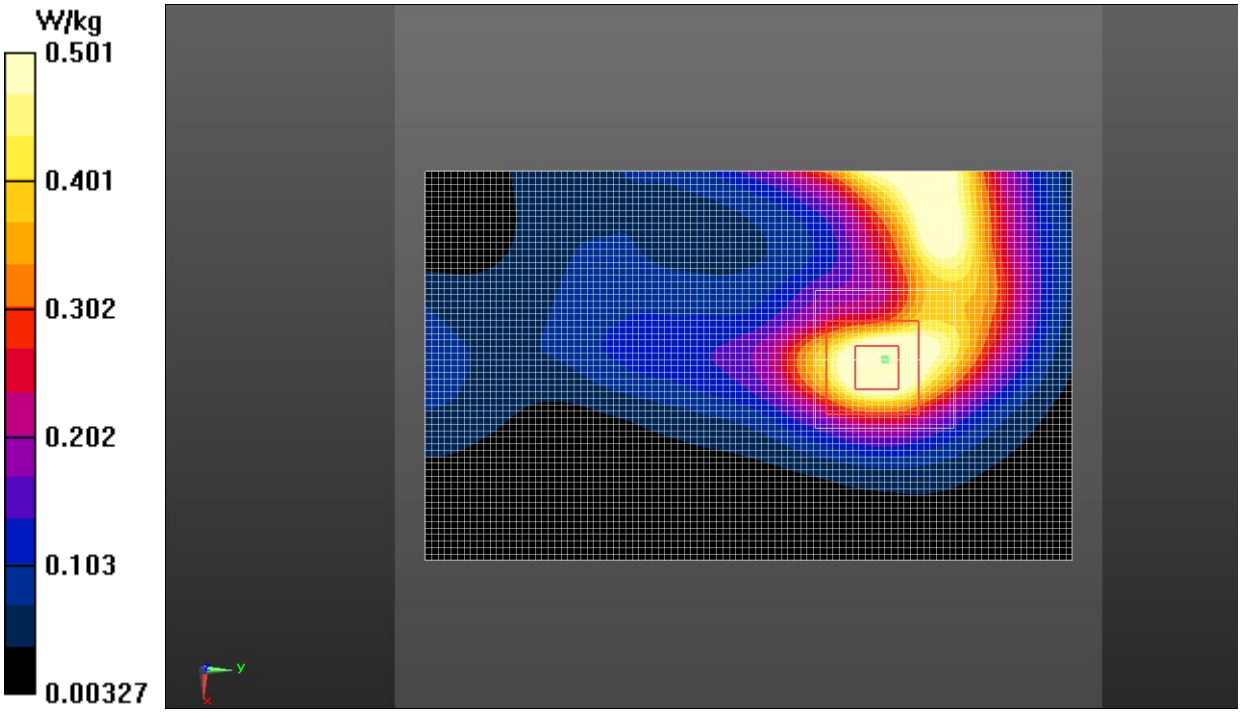
Left Cheek Mid 1RB_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.040 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.366 W/kg



LTE Band 38 Body
Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Body 2550 MHz
Medium parameters used (interpolated): f = 2595 MHz; σ = 2.105 S/m; ε_r = 53.073; ρ = 1000 kg/m^3
Ambient Temperature: 22.0^{o}C Liquid Temperature: 21.5^{o}C
Communication System: UID 0, LTE_TDD (0) Frequency: 2595 MHz Duty Cycle: 1:1.58
Probe: EX3DV4 – SN3633 ConvF (7.31, 7.31, 7.31);

Front Side Mid 1RB_Low/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.672 W/kg

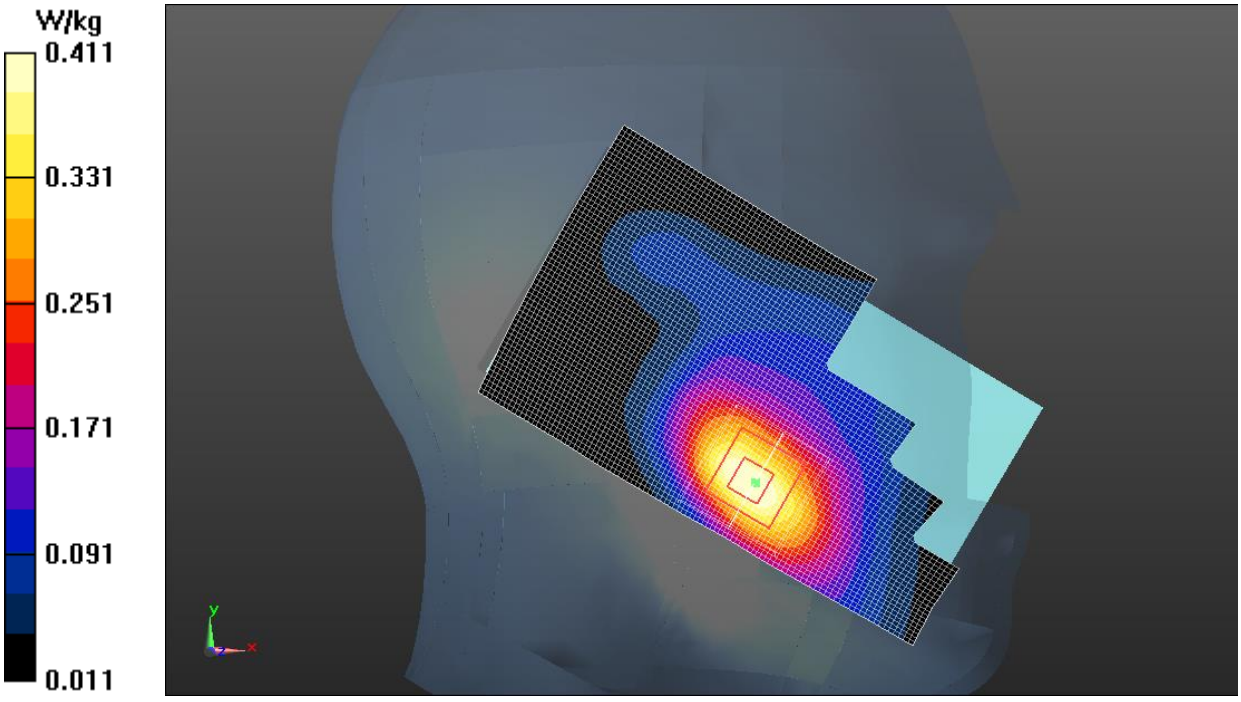
Front Side Mid 1RB_Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.764 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.501 W/kg



LTE Band 66 Head
Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Head 1750 MHz
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.352 S/m; ε_r = 39.678; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (8.12, 8.12, 8.12);

Left Cheek Mid 1RB_Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.422 W/kg

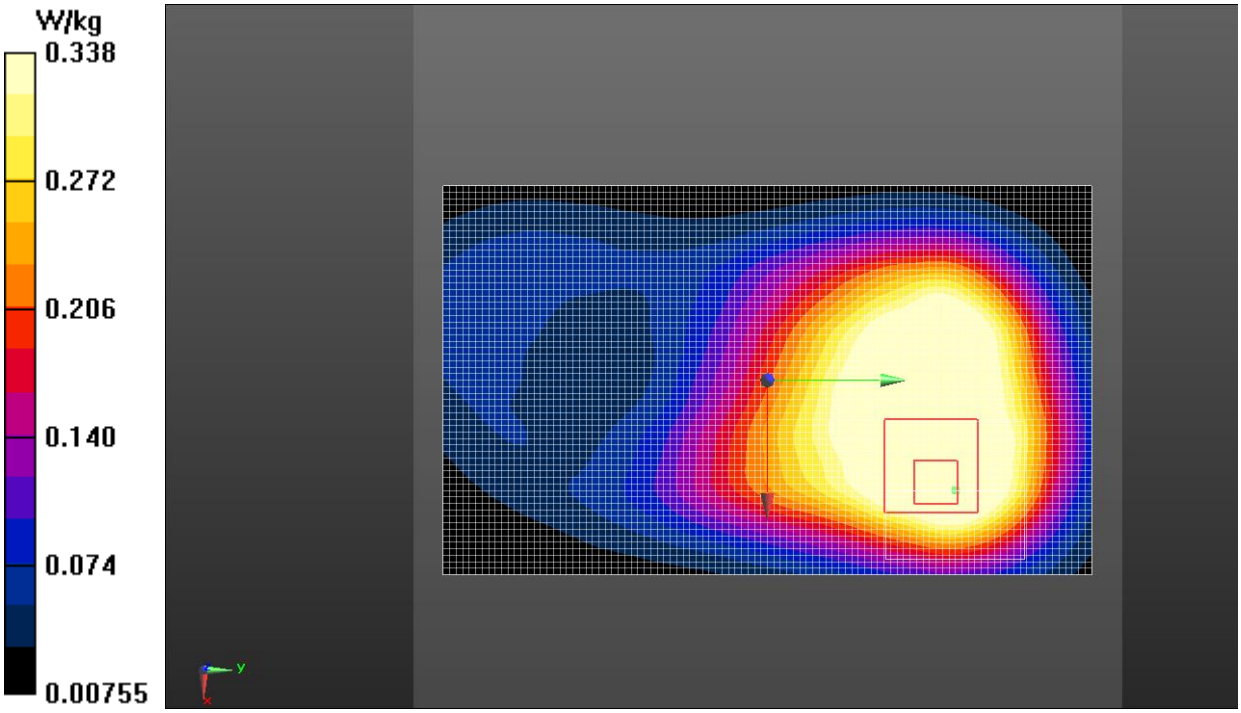
Left Cheek Mid 1RB_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.602 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.411 W/kg



LTE Band 66 Body
Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Body 1750 MHz
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.443 S/m; ε_r = 53.434; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, LTE_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (8.05, 8.05, 8.05);

Front Side 1RB_Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.430 W/kg

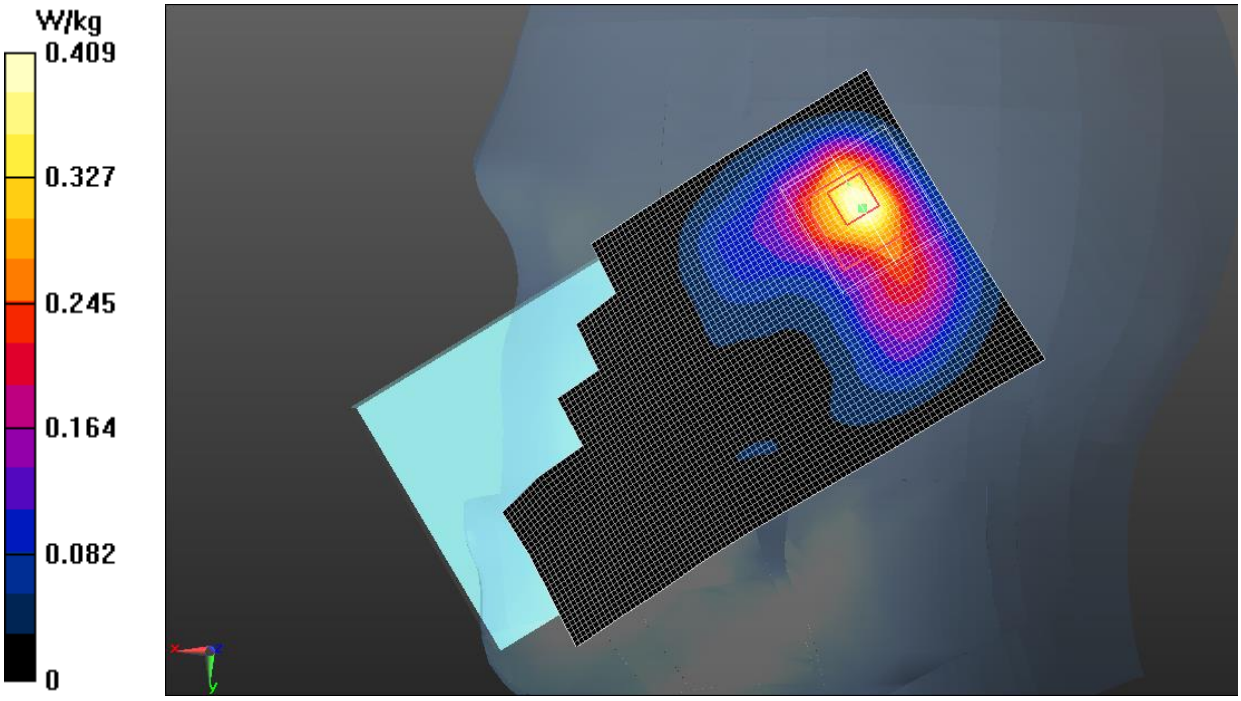
Front Side 1RB_Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.24 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.338 W/kg



Wi-Fi 2.4G Head
Date: 2019-1-25
Electronics: DAE4 Sn1527
Medium: Head 2450 MHz
Medium parameters used: f = 2462 MHz; σ = 1.871 S/m; ε_r = 38.693; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, WiFi (0) Frequency: 2462 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.42, 7.42, 7.42);

Right Cheek High/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.429 W/kg

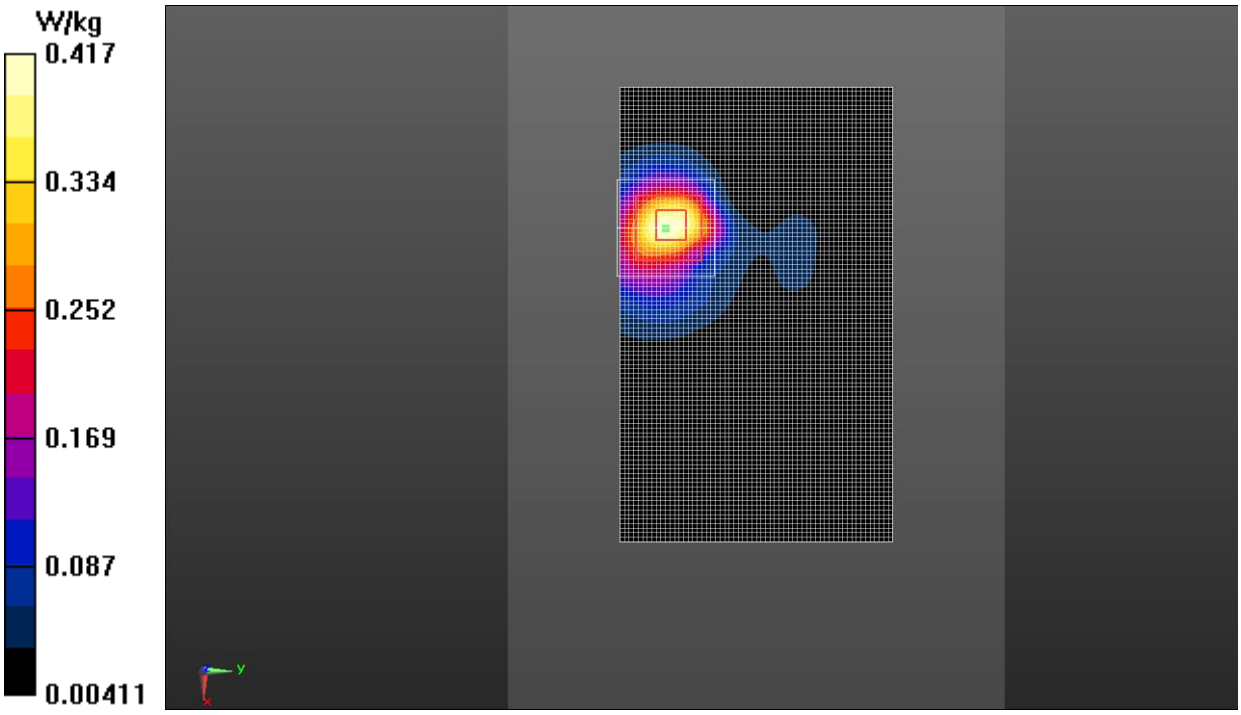
Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.67 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.409 W/kg



Wi-Fi 2.4G Body
Date: 2019-1-25
Electronics: DAE4 Sn1527
Medium: Body 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.911 S/m; ε_r = 53.568; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, WiFi (0) Frequency: 2437 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.47, 7.47, 7.47);

Rear Side Middle/Area Scan (101x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.420 W/kg

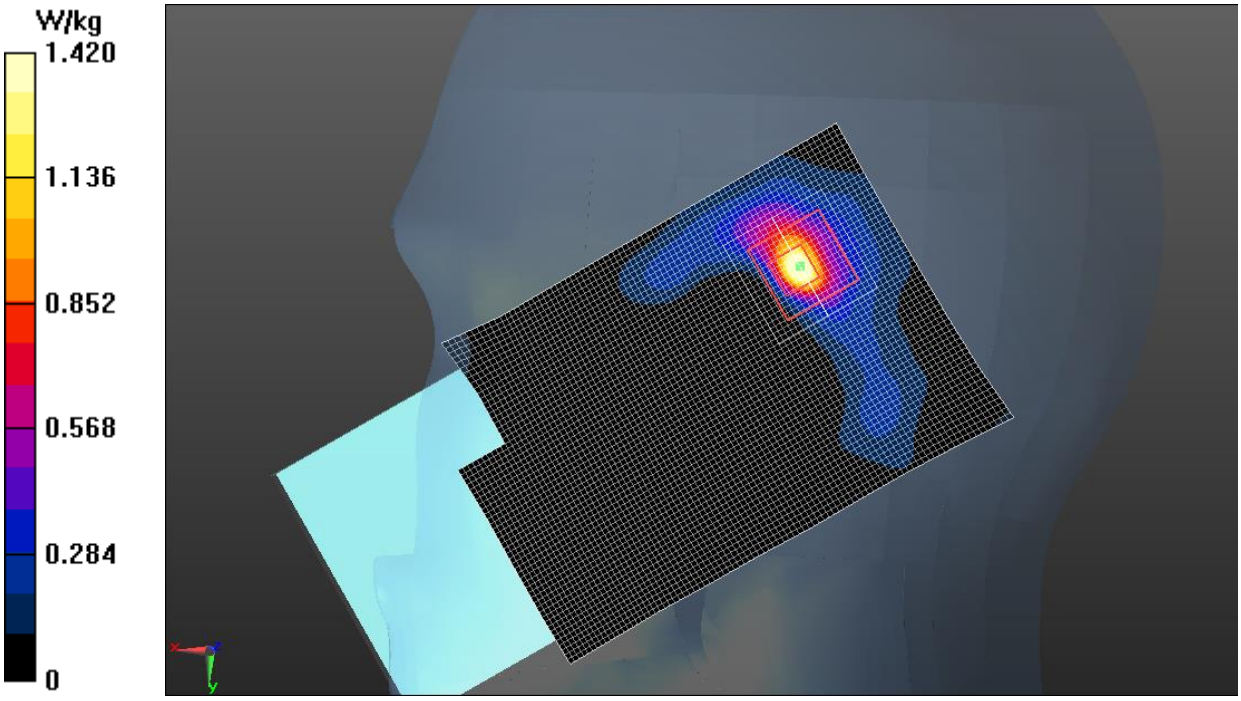
Rear Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.115 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



Wi-Fi 5G Head
Date: 2019-1-22
Electronics: DAE4 Sn1527
Medium: Head 5800 MHz
Medium parameters used: f = 5825 MHz; σ = 5.402 S/m; ε_r = 34.813; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, WIFI 5G (0) Frequency: 5825 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3633 ConvF (4.81, 4.81, 4.81);

Right Tilt CH165/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

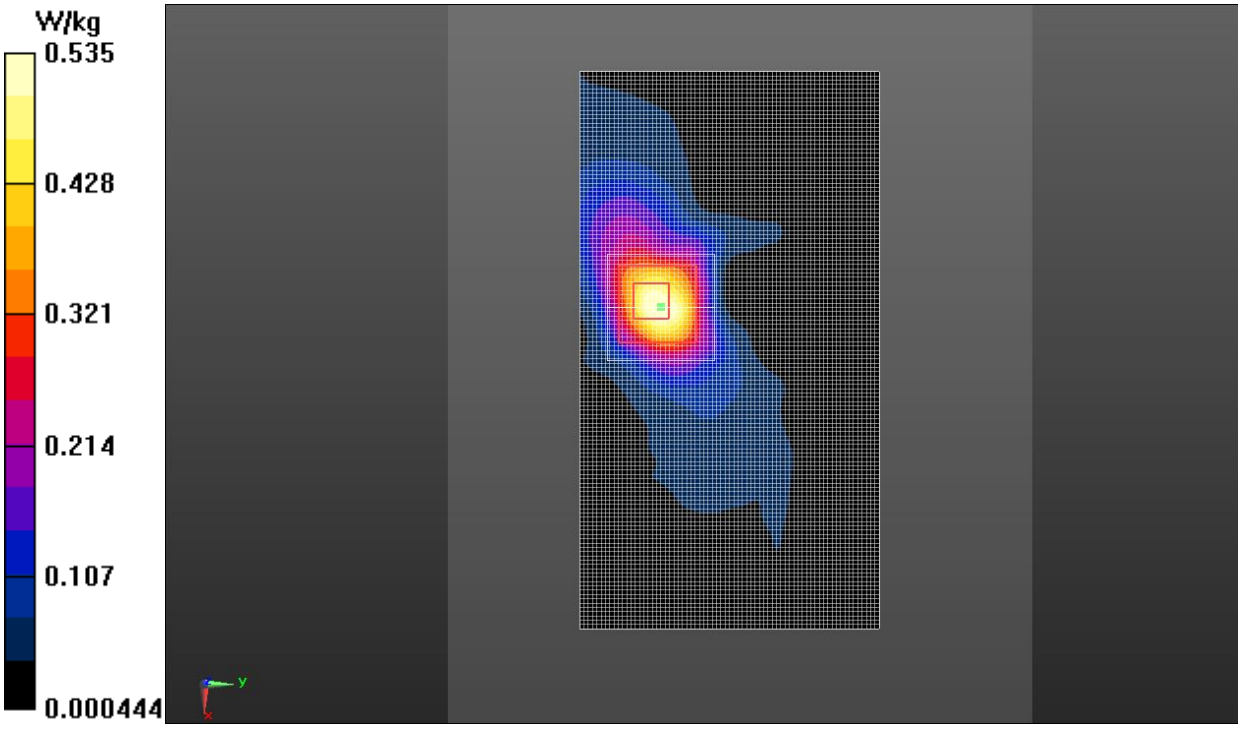
Right Tilt CH165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.925 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.241 W/kg
Maximum value of SAR (measured) = 1.42 W/kg



Wi-Fi 5G Body
Date: 2019-1-22
Electronics: DAE4 Sn1527
Medium: Body 5800 MHz
Medium parameters used: f = 5825 MHz; σ = 6.186 S/m; ε_r = 48.945; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: UID 0, WIFI 5G (0) Frequency: 5825 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3633 ConvF (4.48, 4.48, 4.48);

Rear Side CH165/Area Scan (131x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.560 W/kg

Rear Side CH165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.663 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.535 W/kg



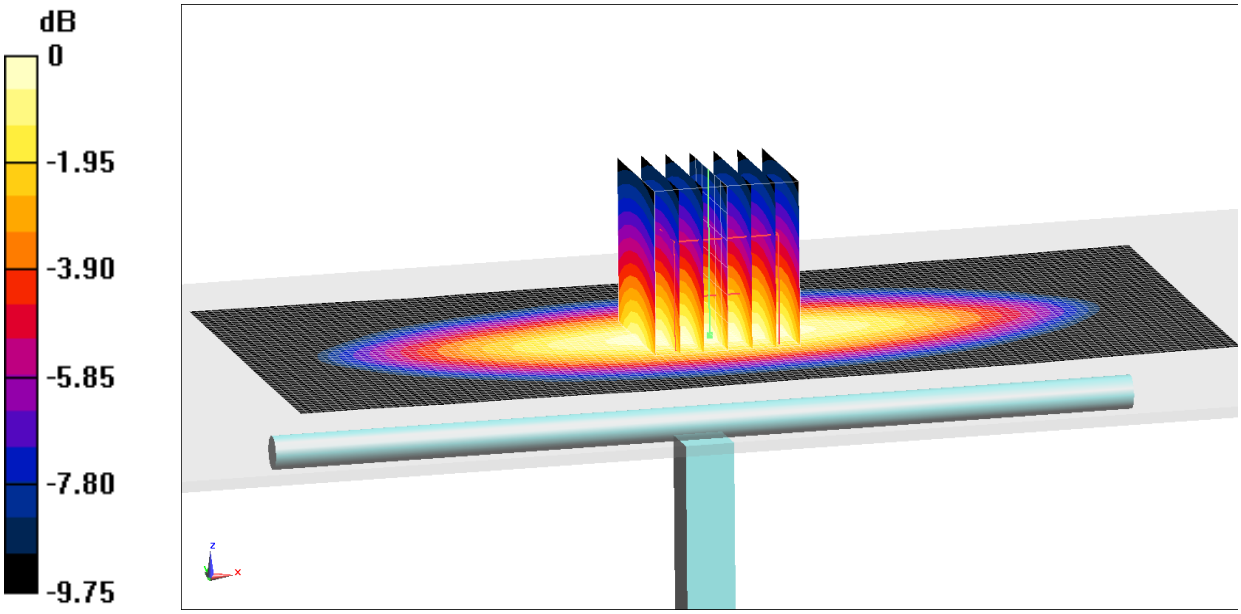
ANNEX L System Verification Results for Spot Check Test

750MHz

Date: 2019-1-23
Electronics: DAE4 Sn1527
Medium: Head 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.914 S/m; εr = 41.856; ρ = 1000 kg/m3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: CW Frequency: 750 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (9.33, 9.33, 9.33);

System Validation /Area Scan (81x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 58.613 V/m; Power Drift = 0.10 dB
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (interpolated) = 2.22 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.613 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.39 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dB W/kg

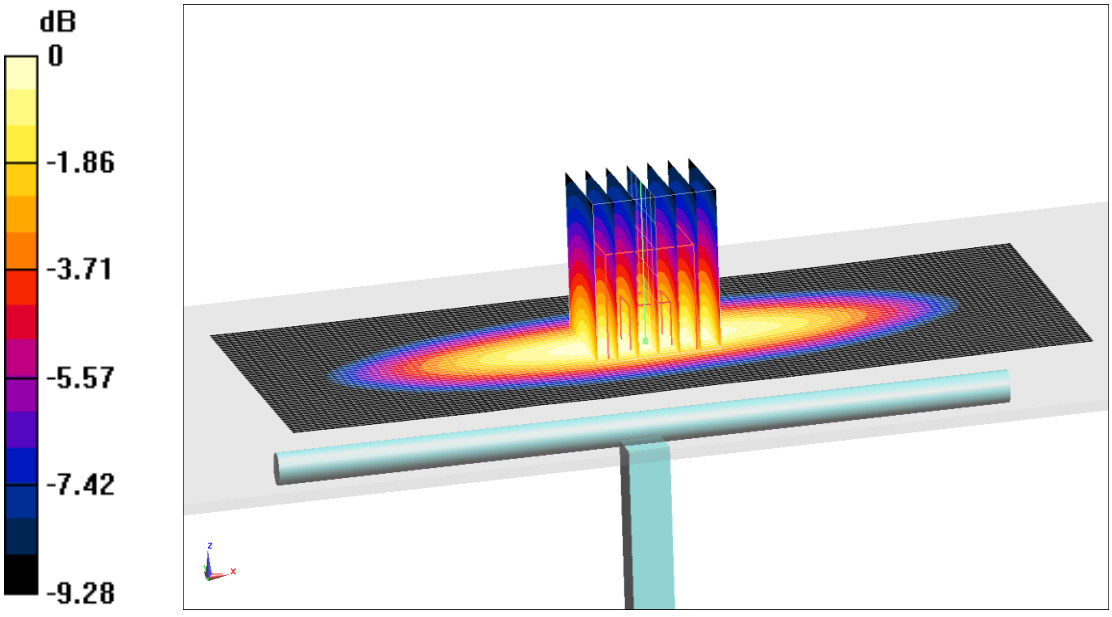
Fig.L.1 Validation 750MHz 250mW

750MHz

Date: 2019-1-23
Electronics: DAE4 Sn1527
Medium: Body 750 MHz
Medium parameters used: f = 750 MHz; σ = 0.963 S/m; ε_r = 53.598; ρ = 1000 kg/m^3
Ambient Temperature: 22.5^{o}C Liquid Temperature: 22.0^{o}C
Communication System: CW Frequency: 750 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (9.69, 9.69, 9.69);

System Validation /Area Scan (81x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 59.248 V/m; Power Drift = -0.02 dB
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.45 W/kg
Maximum value of SAR (interpolated) = 2.30 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.248 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 2.28 W/kg



0 dB = 2.30 W/kg = 3.58 dB W/kg

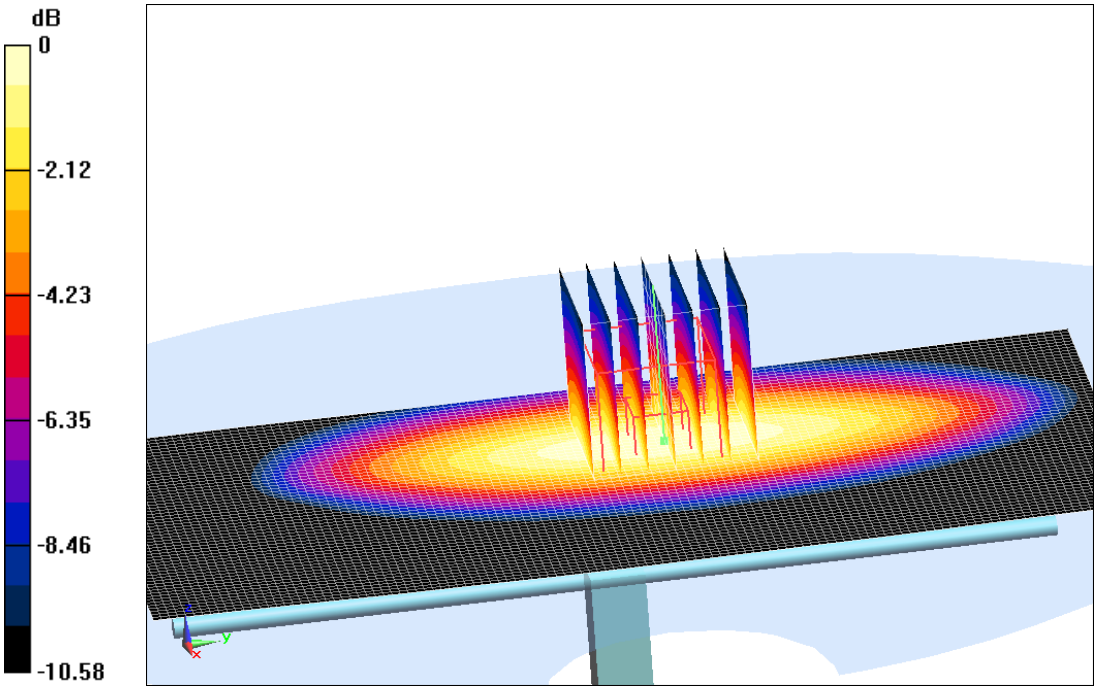
Fig.L.2 Validation 750MHz 250mW

835MHz

Date: 2019-1-23
Electronics: DAE4 Sn1527
Medium: Head 835 MHz
Medium parameters used: f = 835 MHz; σ =0.886 S/m; εr = 41.362; ρ = 1000 kg/m^3
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (9.33, 9.33, 9.33);

System Validation /Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 56.625 V/m; Power Drift = -0.11 dB
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.57 W/kg
Maximum value of SAR (interpolated) = 2.53 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.625 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.20 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 2.49 W/kg



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

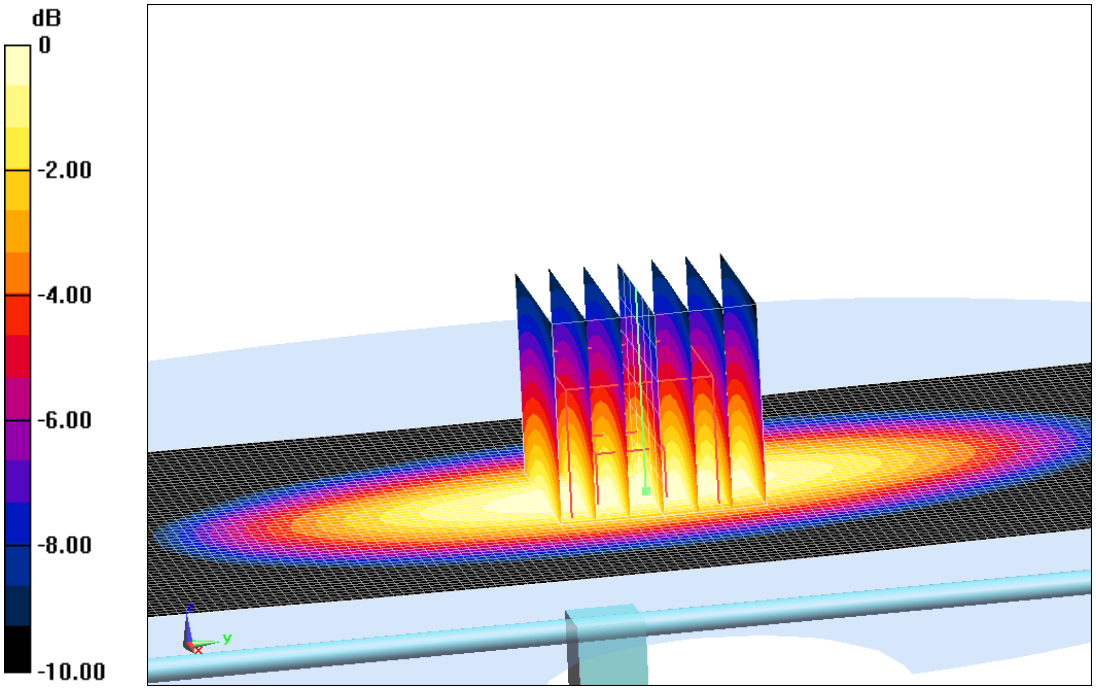
Fig.L.3 Validation 835MHz 250mW

835MHz

Date: 2019-1-23
Electronics: DAE4 Sn71527
Medium: Body 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.990 S/m; ε_r = 54.084; ρ = 1000 kg/m^3
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (9.69, 9.69, 9.69);

System Validation /Area Scan (81x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 58.442 V/m; Power Drift = 0.08 dB
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.64 W/kg
Maximum value of SAR (interpolated) = 2.61 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.442 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.67 W/kg
Maximum value of SAR (measured) = 2.65 W/kg



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

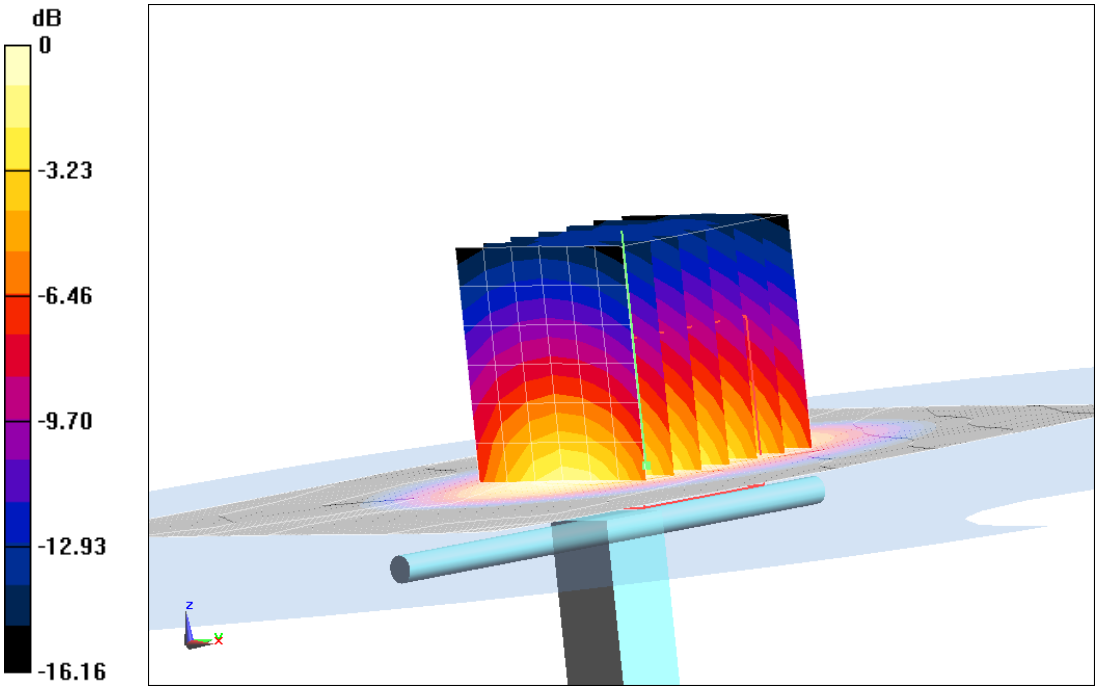
Fig.L.4 Validation 835MHz 250mW

1750MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Head 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.358 S/m; ε_r = 39.669; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: CW Frequency: 1750 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (8.12, 8.12, 8.12);

System Validation/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 78.713 V/m; Power Drift = 0.12 dB
SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.84 W/kg
Maximum value of SAR (interpolated) = 10.4 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 78.713 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 8.85 W/kg; SAR(10 g) = 4.76 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dB W/kg

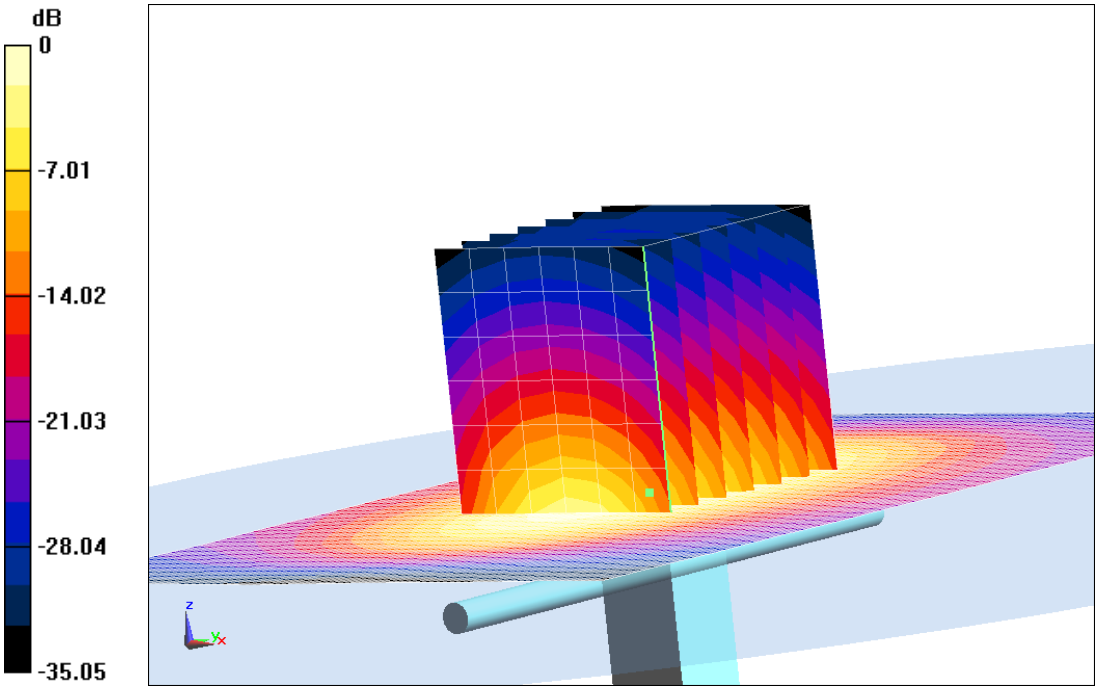
Fig.L.5 Validation 1750MHz 250mW

1750MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Body 1750 MHz
Medium parameters used: f = 1750 MHz; σ = 1.455 S/m; ε_r = 53.388; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.5°C
Communication System: CW Frequency: 1750 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (8.05, 8.05, 8.05);

System Validation/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 78.335 V/m; Power Drift = -0.09 dB
SAR(1 g) = 8.83 W/kg; SAR(10 g) = 4.85 W/kg
Maximum value of SAR (interpolated) = 10.1 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 78.335 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 8.71 W/kg; SAR(10 g) = 4.77 W/kg
Maximum value of SAR (measured) = 9.98 W/kg



0 dB = 9.98 W/kg = 9.99 dB W/kg

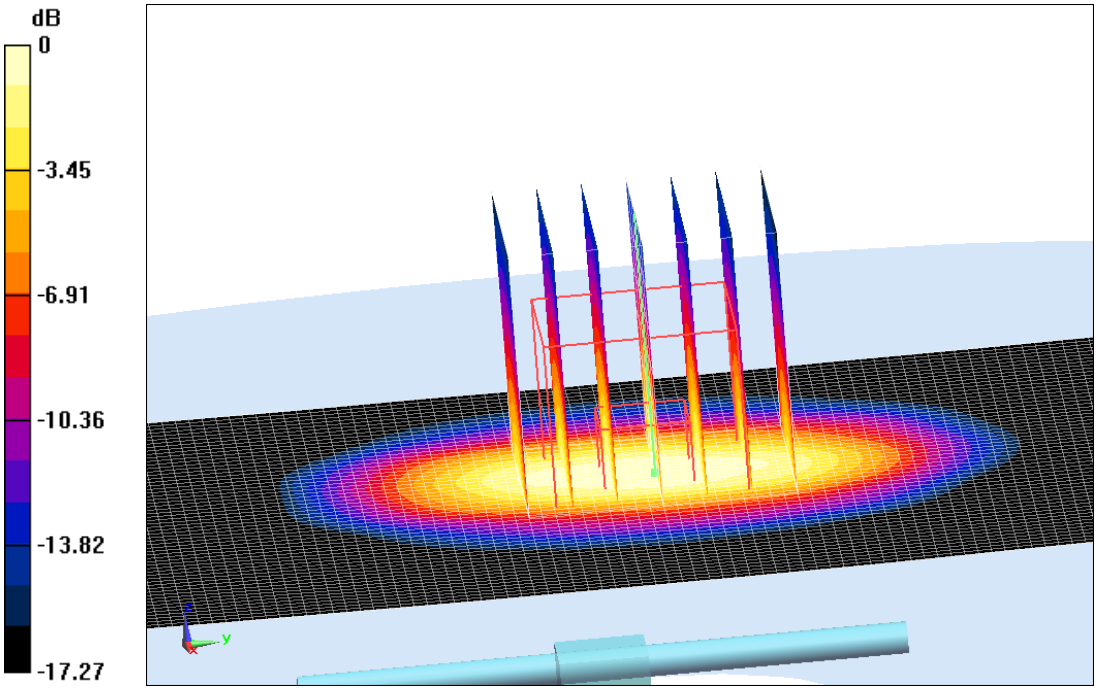
Fig.L.6 Validation 1750MHz 250mW

1900MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Head 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.386 S/m; ε_r = 40.607; ρ = 1000 kg/m^3
Ambient Temperature: 22.9^{o}C Liquid Temperature: 22.5^{o}C
Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.81, 7.81, 7.81);

System Validation /Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 90.585 V/m; Power Drift = -0.05 dB
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.27 W/kg
Maximum value of SAR (interpolated) = 12.1 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.585 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 20.8 W/kg
SAR(1 g) = 9.87 W/kg; SAR(10 g) = 5.19 W/kg
Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dB W/kg

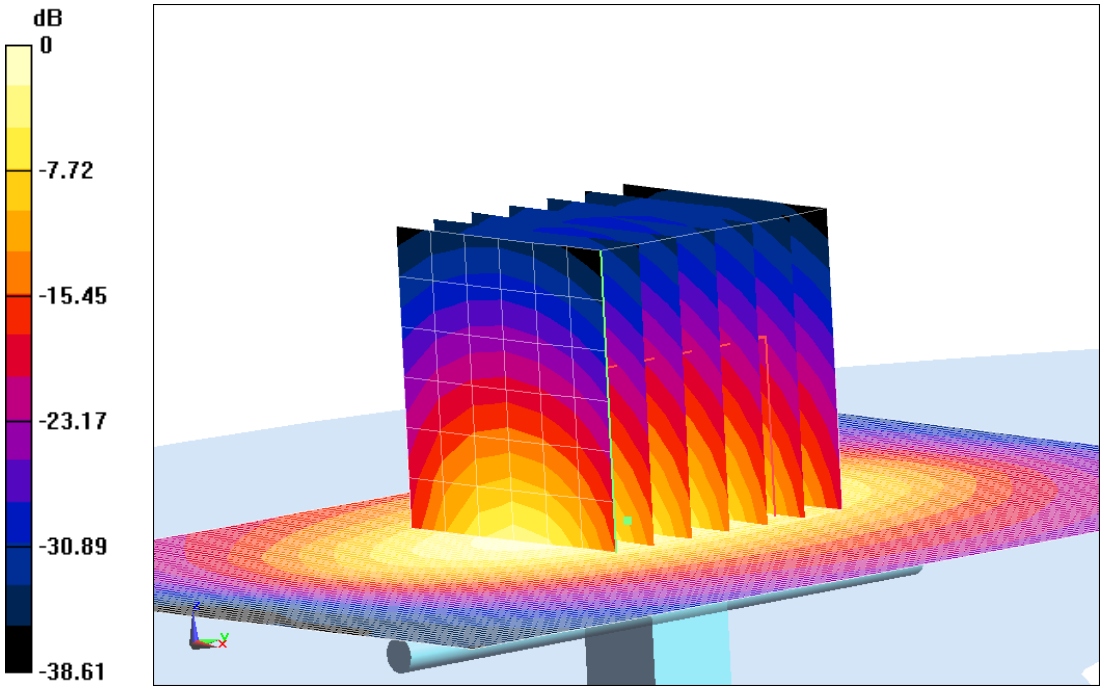
Fig.L.7 Validation 1900MHz 250mW

1900MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Body 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.544 S/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature: 22.9°C Liquid Temperature: 22.5°C
Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.75, 7.75, 7.75);

System validation /Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 88.225 V/m; Power Drift = 0.04 dB
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.33 W/kg
Maximum value of SAR (interpolated) = 12.2 W/kg

System validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.225 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 22.4 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.42 W/kg
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dB W/kg

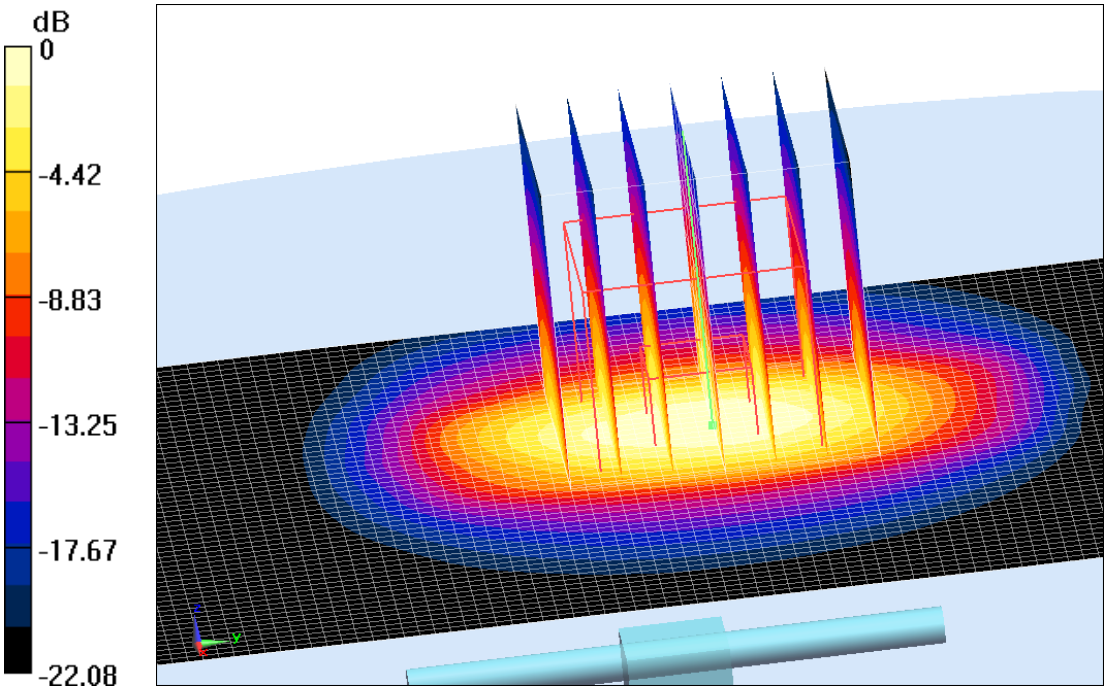
Fig.L.8 Validation 1900MHz 250mW

2450MHz

Date: 2019-1-25
Electronics: DAE4 Sn1527
Medium: Head 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.855 S/m; ε_r = 38.735; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.6°C
Communication System: CW Frequency: 2450 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.42, 7.42, 7.42);

System Validation /Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 90.684 V/m; Power Drift = 0.13 dB
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.05 W/kg
Maximum value of SAR (interpolated) = 15.0 W/kg

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.684 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 26.3 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.16 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



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

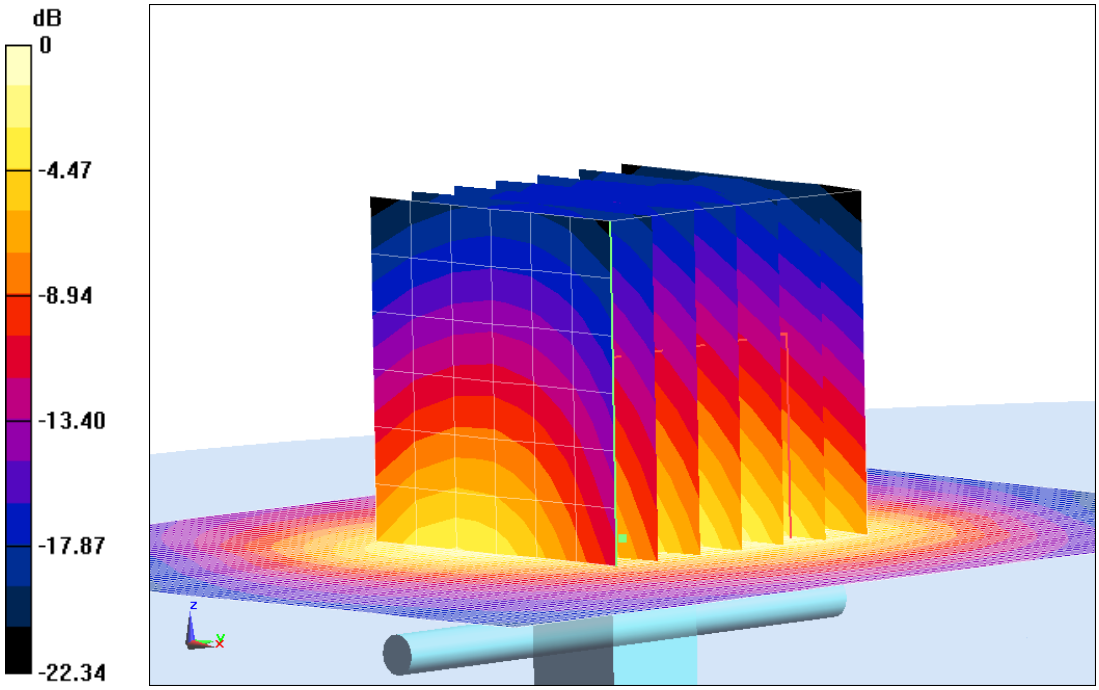
Fig.L.9 Validation 2450MHz 250mW

2450MHz

Date: 2019-1-25
Electronics: DAE4 Sn1527
Medium: Body 2450 MHz
Medium parameters used: f = 2450 MHz; σ = 1.928 S/m; ε_r = 53.533; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.6°C
Communication System: CW Frequency: 2450 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.47, 7.47, 7.47);

System Validation/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 85.361 V/m; Power Drift = -0.01 dB
SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.83 W/kg
Maximum value of SAR (interpolated) = 14.1 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.361 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 24.4 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.76 W/kg
Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dB W/kg

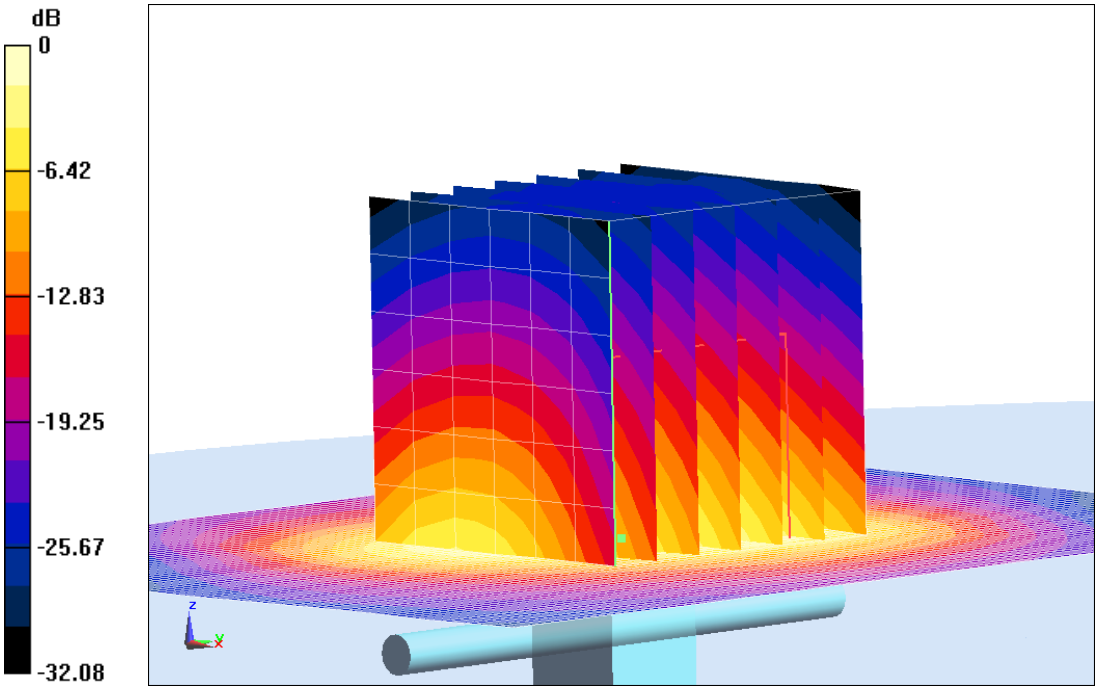
Fig.L.10 Validation 2450MHz 250mW

2550MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Head 2550 MHz
Medium parameters used: f = 2550 MHz; σ = 1.972 S/m; ε_r = 38.358; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.6°C
Communication System: CW Frequency: 2550 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.28, 7.28, 7.28);

System Validation/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 92.335 V/m; Power Drift = 0.12 dB
SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.65 W/kg
Maximum value of SAR (interpolated) = 16.1 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.335 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 14.9 W/kg; SAR(10 g) = 6.74 W/kg
Maximum value of SAR (measured) = 16.4 W/kg



0 dB = 16.4 W/kg = 12.15 dB W/kg

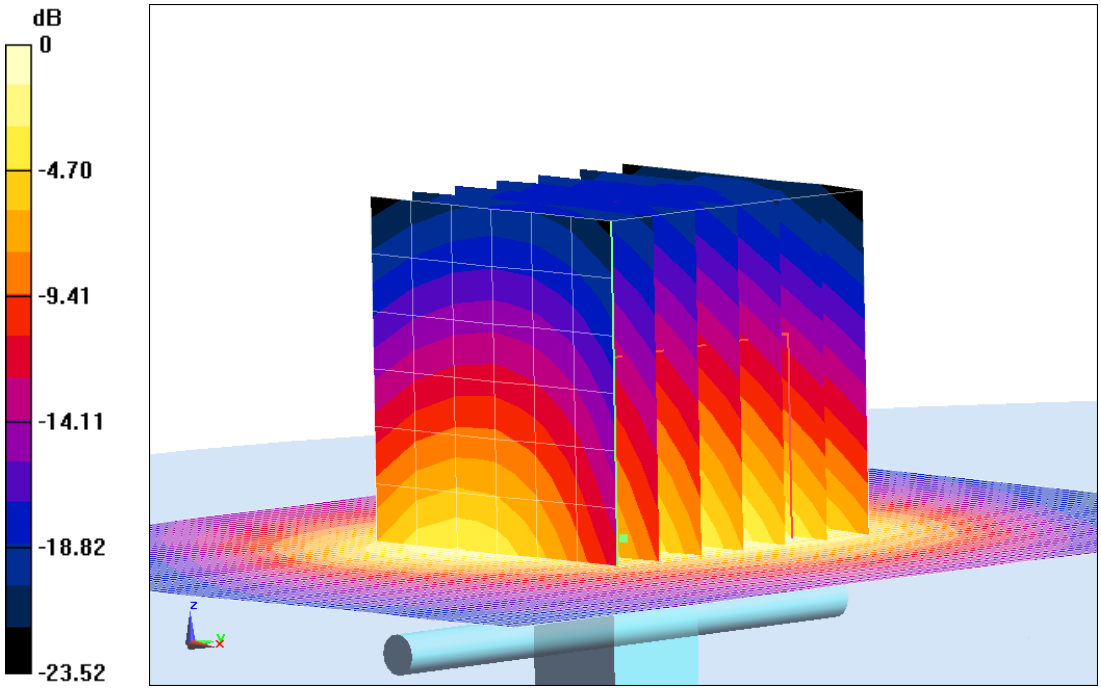
Fig.L.11 Validation 2550MHz 250mW

2550MHz

Date: 2019-1-24
Electronics: DAE4 Sn1527
Medium: Body 2550 MHz
Medium parameters used: f = 2550 MHz; σ = 2.052 S/m; ε_r = 53.206; ρ = 1000 kg/m^3
Ambient Temperature: 22.0°C Liquid Temperature: 21.6°C
Communication System: CW Frequency: 2550 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3633 ConvF (7.31, 7.31, 7.31);

System Validation/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 86.696 V/m; Power Drift = -0.03 dB
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.15 W/kg
Maximum value of SAR (interpolated) = 15.2 W/kg

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.696 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 26.8 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.08 W/kg
Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8 W/kg = 11.70 dB W/kg

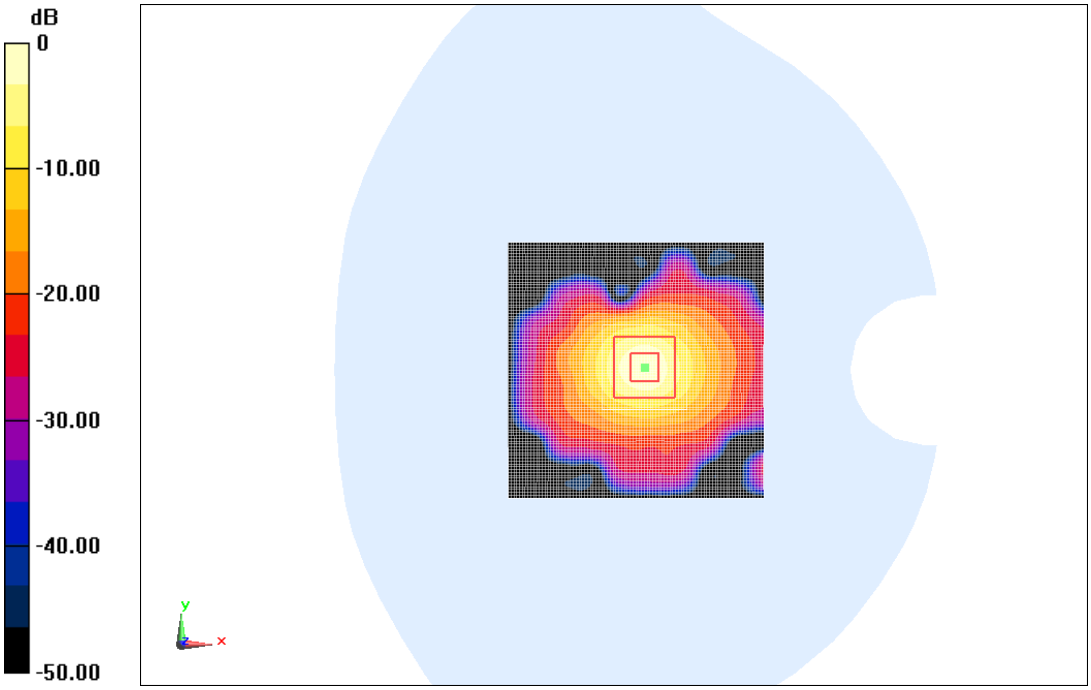
Fig.L.12 Validation 2550MHz 250mW

5800MHz

Date: 2019-1-22
Electronics: DAE4 Sn1527
Medium: Head 5800 MHz
Medium parameters used: f = 5800 MHz; σ = 5.368 S/m; ε_r = 34.882; ρ = 1000 kg/m^3
Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C
Communication System: CW Frequency: 5800 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3633 ConvF (4.81, 4.81, 4.81);

System Validation/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 60.313 V/m; Power Drift = 0.08 dB
SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.24 W/kg
Maximum value of SAR (interpolated) = 9.89 W/kg

System Validation/Zoom Scan (8x8x8)/Cube0: Measurement grid: dx=4mm, dy=4mm, dz=4mm
Reference Value = 60.313 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 25.2 W/kg
SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 9.83 W/kg



0 dB = 9.83 W/kg = 9.23 dB W/kg

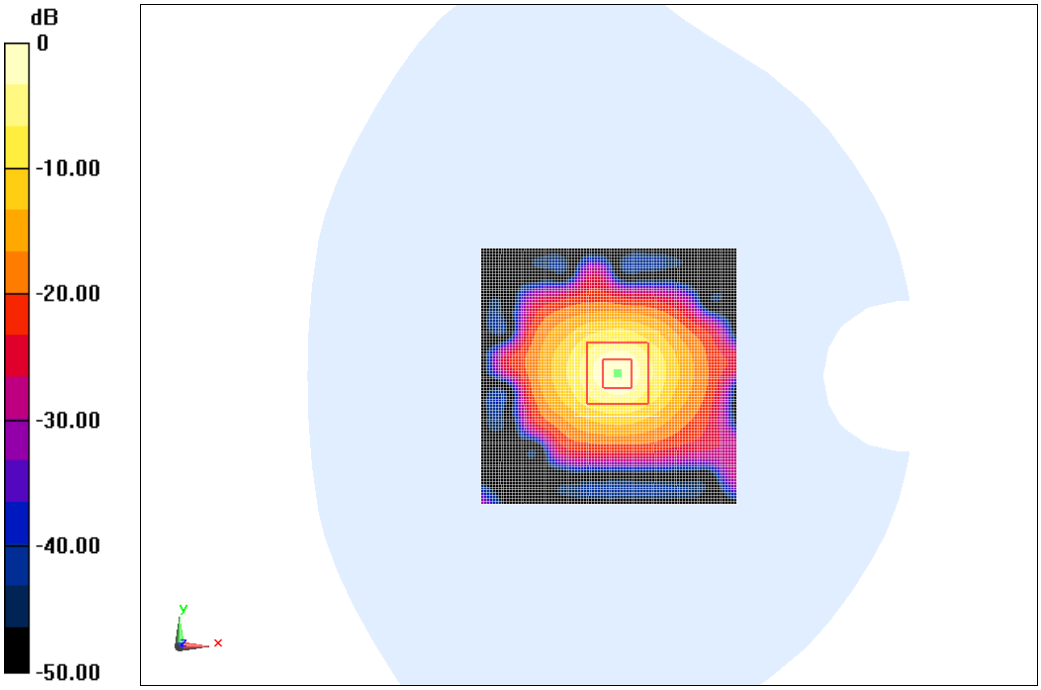
Fig.L.13 Validation 5800MHz 100mW

5800MHz

Date: 2019-1-22
Electronics: DAE4 Sn1527
Medium: Body 5800 MHz
Medium parameters used: f = 5800 MHz; σ = 5.884 S/m; ε_r = 49.046; ρ = 1000 kg/m^3
Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C
Communication System: CW Frequency: 5800 MHz Duty Cycle: 1:1
Probe: EX3DV4 - SN3633 ConvF (4.48, 4.48, 4.48);

System Validation/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 59.892 V/m; Power Drift = -0.06 dB
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.10 W/kg
Maximum value of SAR (interpolated) = 9.32 W/kg

System Validation/Zoom Scan (8x8x8)/Cube0: Measurement grid: dx=4mm, dy=4mm, dz=4mm
Reference Value = 59.892 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 22.9 W/kg
SAR(1 g) = 7.33 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (measured) = 9.25 W/kg



0 dB = 9.25 W/kg = 9.66 dB W/kg

Fig.L.14 Validation 5800MHz 100mW