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Date: 10/27/2018

Test Laboratory: Audix_SAR Lab

P31 802.11b CH6 2437MHz Main

DUT: 13Z990

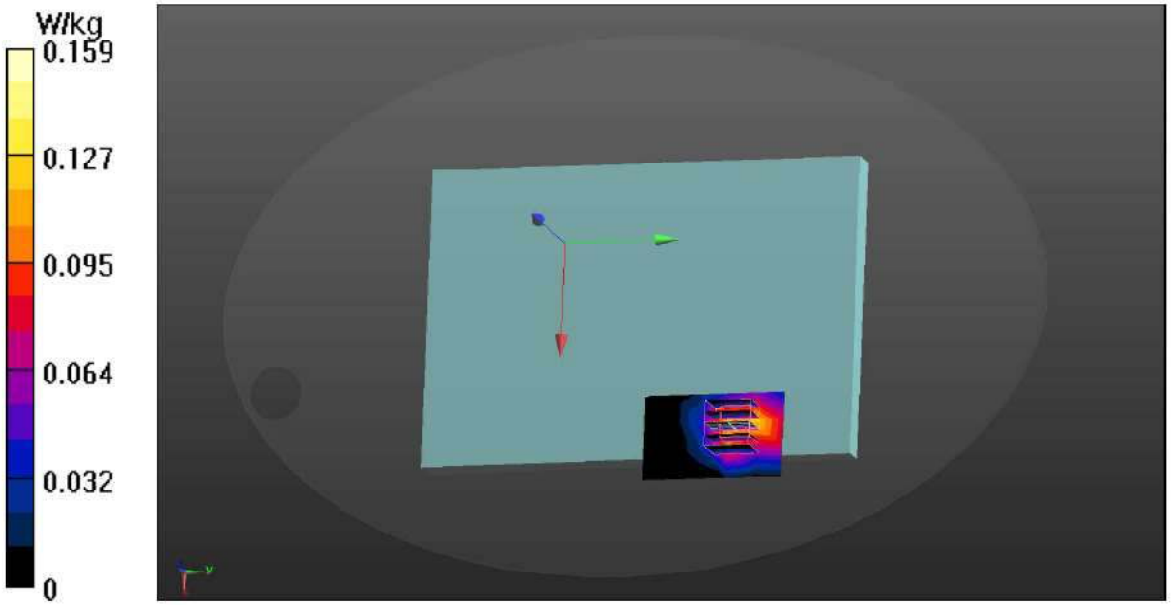
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2437 MHz;Duty Cycle:1:1
Medium parameters used: f = 2437 MHz; σ = 1.977 S/m; ε_r = 51.669; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.67, 7.67, 7.67); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258): SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.122 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.523 V/m; Power Drift = 0.59 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.159 W/kg



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Test Laboratory: Audix_SAR Lab

P32 802.11b CH6 2437MHz Aux

DUT: 13Z990

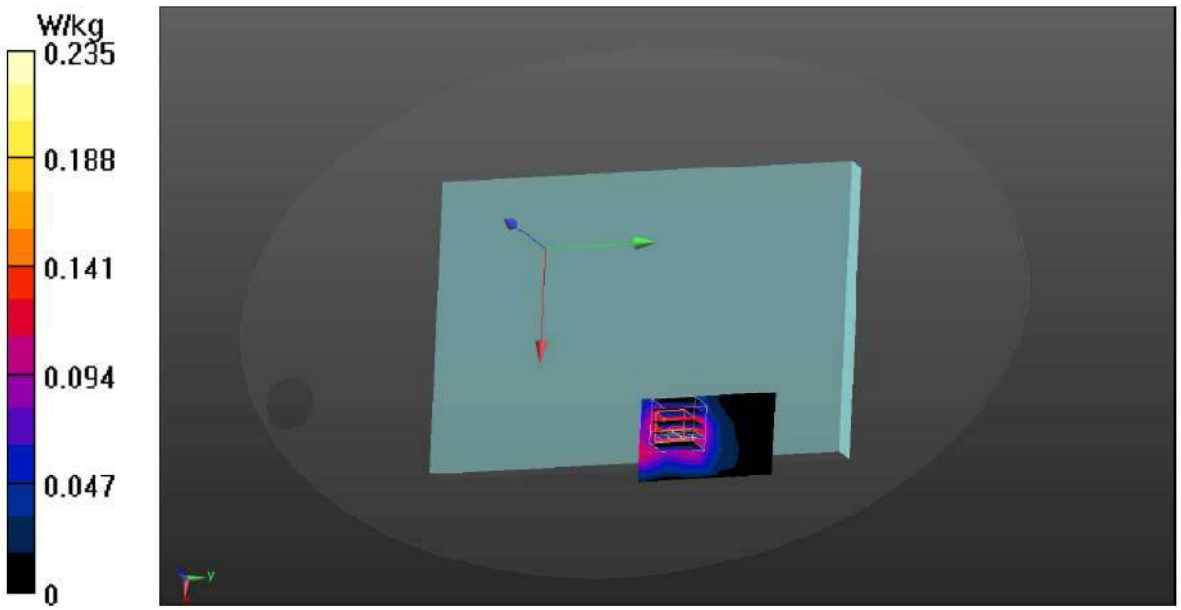
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2437 MHz:Duty Cycle:1:1
Medium parameters used: f = 2437 MHz; σ = 1.977 S/m; ε_r = 51.669; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.67, 7.67, 7.67); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.168 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.215 V/m; Power Drift = 1.52 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.235 W/kg



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Test Laboratory: Audix_SAR Lab

P25 802.11n-HT20 CH6 2437MHz Main

DUT: 13Z990

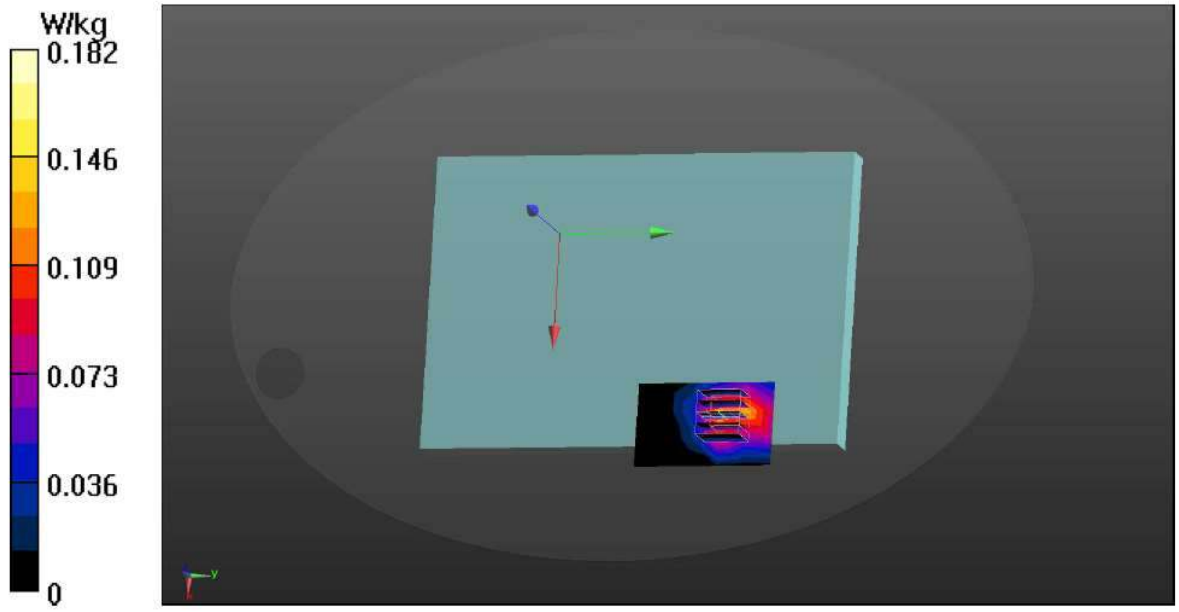
Communication System: UID 0, WIFI 2.4G 802.11HT_20 (0); Frequency: 2437 MHz;Duty Cycle:1:1.046
Medium parameters used: f = 2437 MHz; σ = 1.977 S/m; ε_r = 51.669; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.67, 7.67, 7.67); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.128 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.319 V/m; Power Drift = 0.30 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



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Date: 10/27/2018

Test Laboratory: Audix_SAR Lab

P26 802.11n-HT20 CH6 2437MHz Aux

DUT: 13Z990

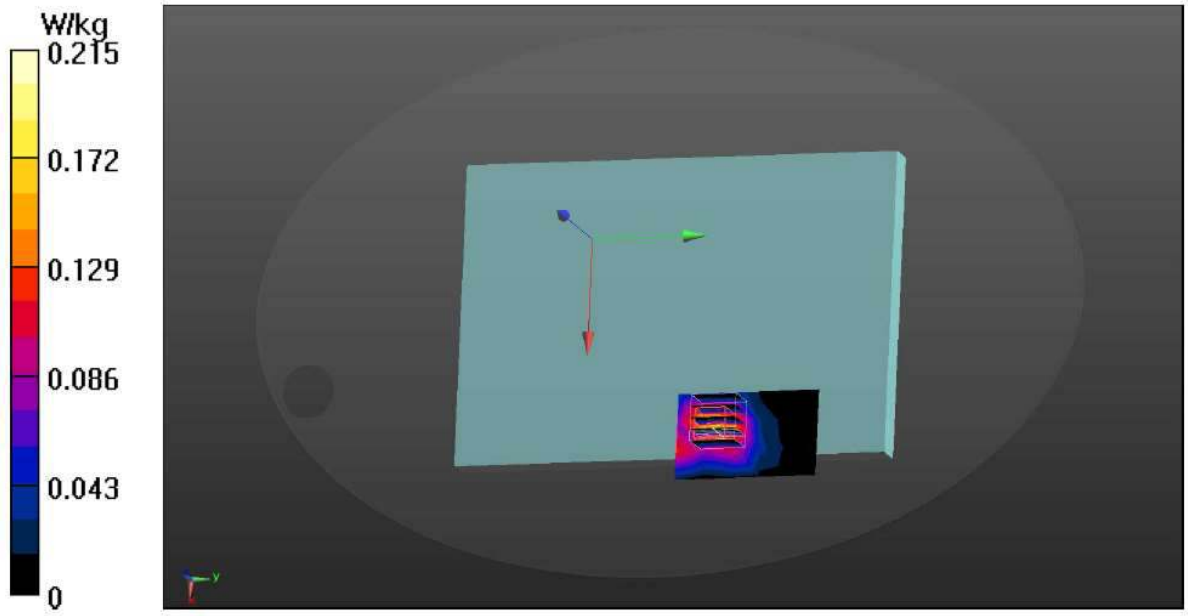
Communication System: UID 0, WIFI 2.4G 802.11HT_20 (0); Frequency: 2437 MHz;Duty Cycle:1:1.046
Medium parameters used: f = 2437 MHz; σ = 1.977 S/m; ε_r = 51.669; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.67, 7.67, 7.67); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.168 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.365 V/m; Power Drift = 1.10 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.215 W/kg



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Test Laboratory: Audix_SAR Lab

P9 802.11a CH52 5260MHz Main

DUT: 13Z990

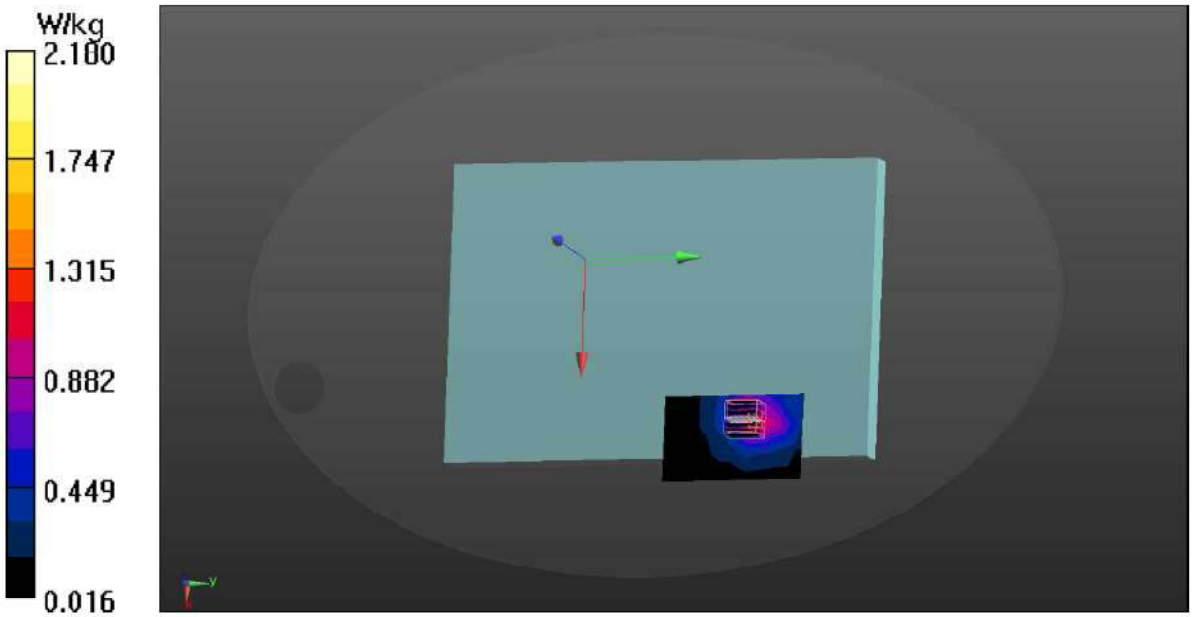
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.419 S/m; ε_r = 47.514; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.31 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.752 V/m; Power Drift = 1.00 dB
Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.462 W/kg
Maximum value of SAR (measured) = 2.18 W/kg



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Test Laboratory: Audix_SAR Lab

P15 802.11a CH60 5300MHz Main

DUT: 13Z990

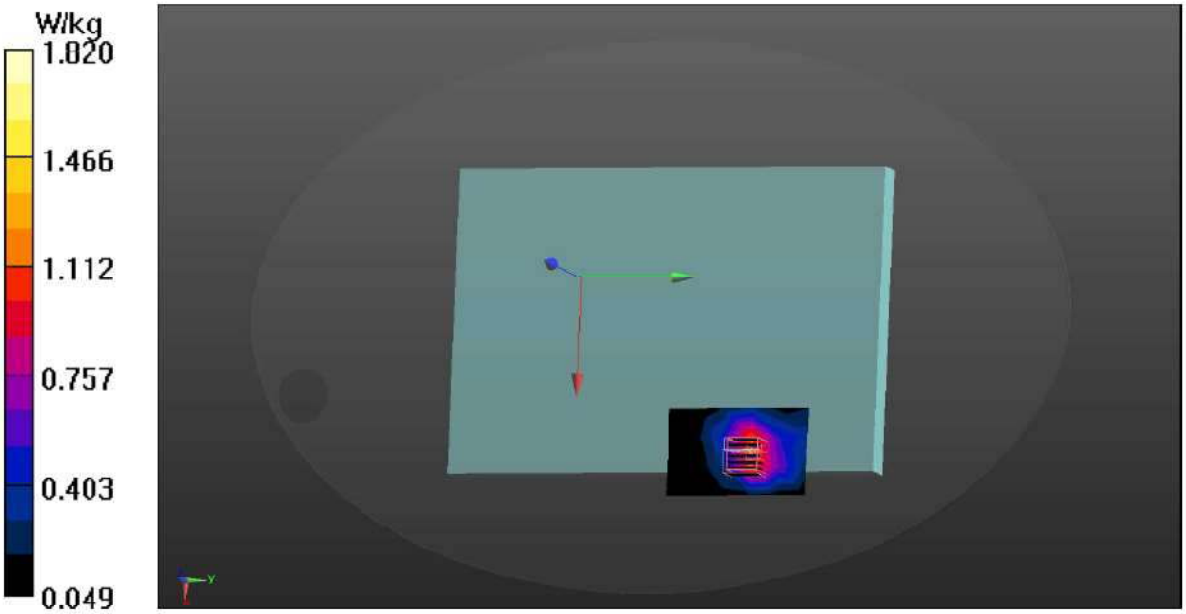
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5300 MHz;Duty Cycle:1:1
Medium parameters used: f = 5300 MHz; σ = 5.488 S/m; ε_r = 47.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.17 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.868 V/m; Power Drift = 1.33 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.416 W/kg
Maximum value of SAR (measured) = 1.82 W/kg



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Test Laboratory: Audix_SAR Lab

P17 802.11a CH64 5320MHz Main

DUT: 13Z990

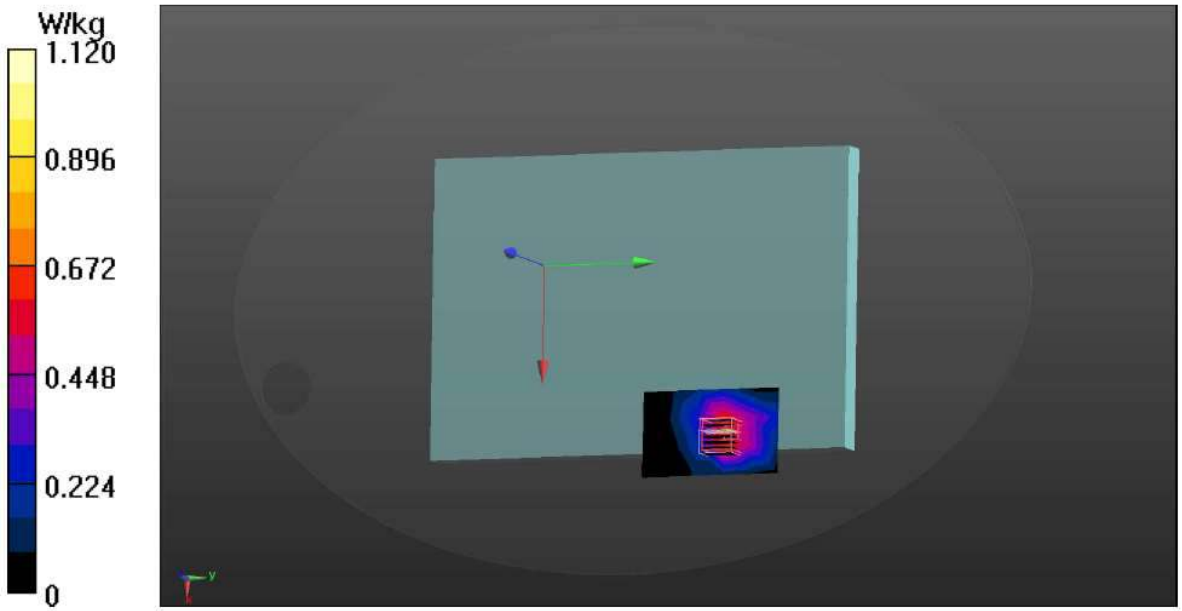
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5320 MHz;Duty Cycle:1:1
Medium parameters used: f = 5320 MHz; σ = 5.51 S/m; ε_r = 47.414; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.657 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.245 V/m; Power Drift = 0.80 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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Test Laboratory: Audix_SAR Lab

P10 802.11a CH52 5260MHz Aux

DUT: 13Z990

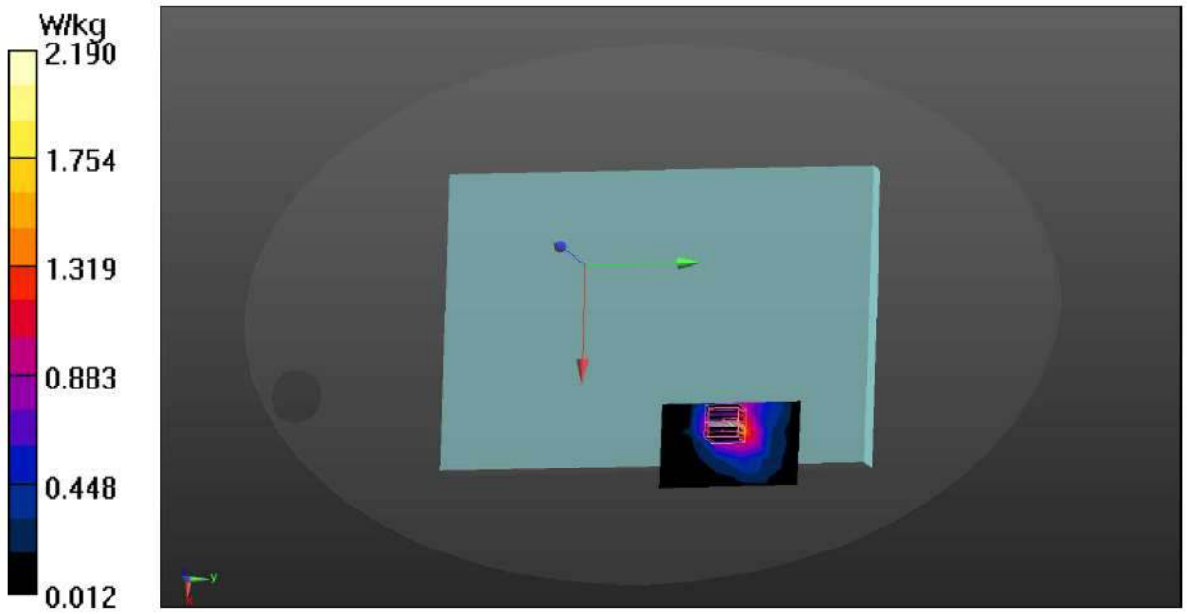
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.419 S/m; ε_r = 47.514; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.44 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.514 V/m; Power Drift = 0.55 dB
Peak SAR (extrapolated) = 4.08 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 2.19 W/kg



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Test Laboratory: Audix_SAR Lab

P16 802.11a CH60 5300MHz Aux

DUT: 13Z990

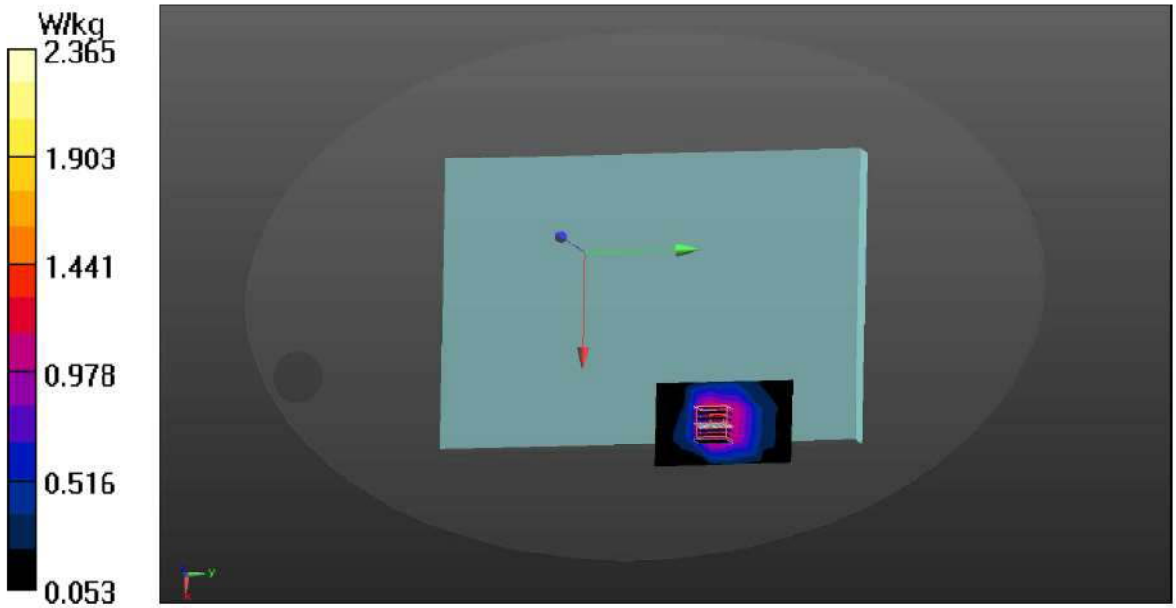
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5300 MHz;Duty Cycle:1:1
Medium parameters used: f = 5300 MHz; σ = 5.488 S/m; ε_r = 47.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.29 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.9950 V/m; Power Drift = 1.23 dB
Peak SAR (extrapolated) = 4.04 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 2.37 W/kg



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Test Laboratory: Audix_SAR Lab

P18 802.11a CH64 5320MHz Aux

DUT: 13Z990

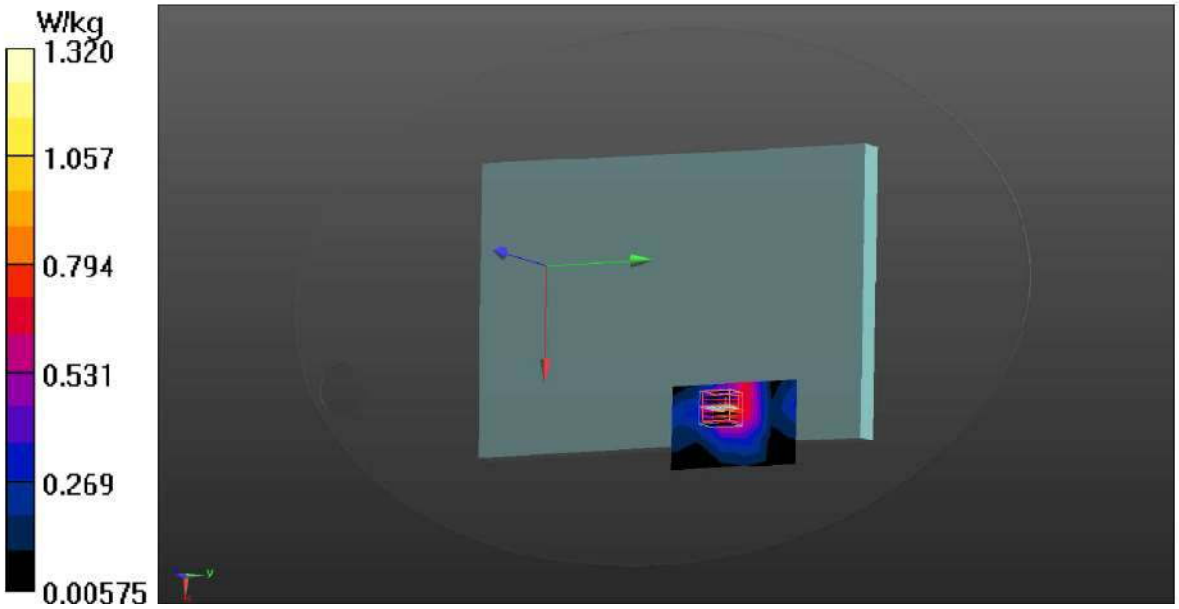
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5320 MHz;Duty Cycle:1:1
Medium parameters used: f = 5320 MHz; σ = 5.51 S/m; ε_r = 47.414; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.891 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.278 V/m; Power Drift = 0.75 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



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Test Laboratory: Audix_SAR Lab

P11 802.11a CII116 5580MIIz Main

DUT: 13Z990

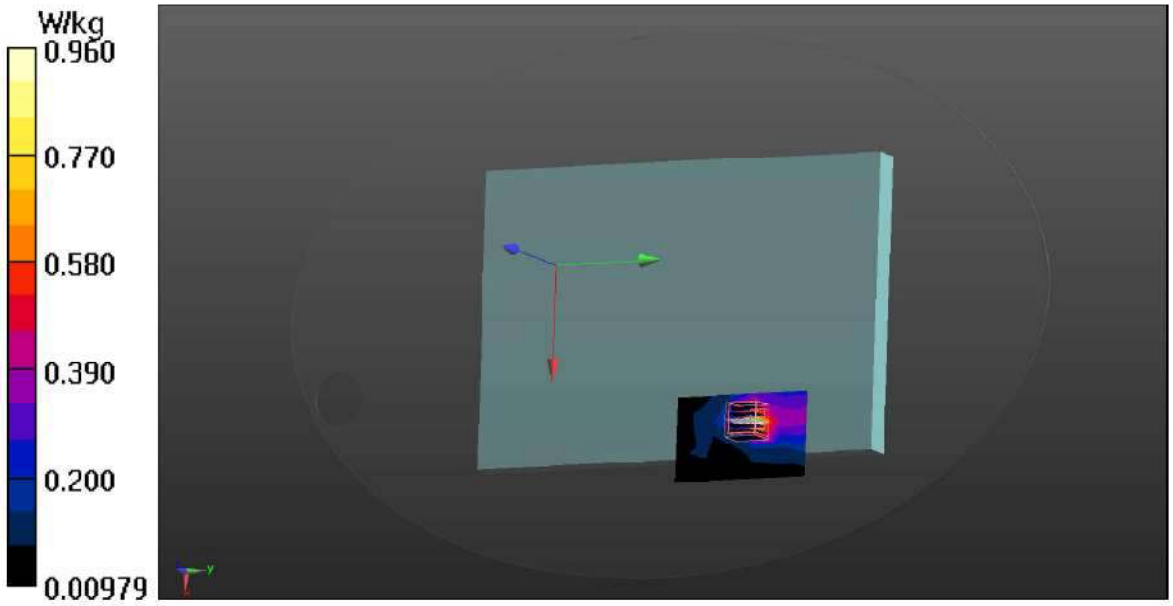
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5580 MIIz;Duty Cycle:1:1
Medium parameters used: f = 5580 MIIz; σ = 5.86 S/m; ε_r = 46.89; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.07, 4.07, 4.07); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.824 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.382 V/m; Power Drift = 1.23 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



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Test Laboratory: Audix_SAR Lab

P12 802.11a CH116 5580MHz Aux

DUT: 13Z990

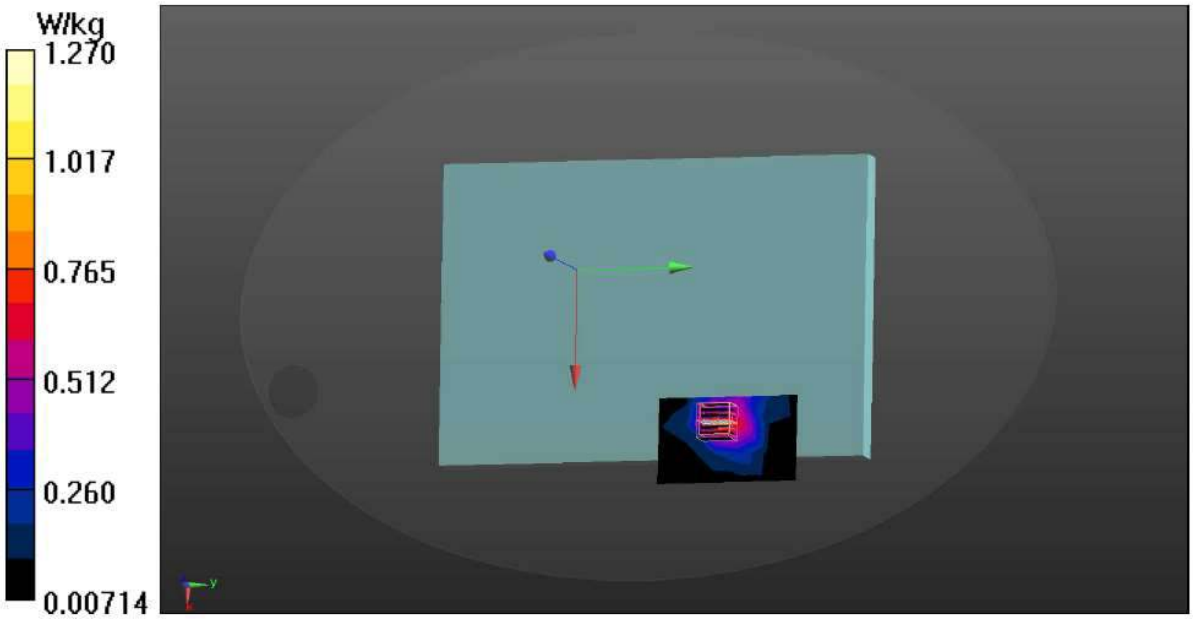
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5580 MHz;Duty Cycle:1:1
Medium parameters used: f = 5580 MHz; σ = 5.86 S/m; ε_r = 46.89; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.07, 4.07, 4.07); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.800 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.052 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



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Test Laboratory: Audix_SAR Lab

P13 802.11a CH149 5745MHz Main

DUT: 13Z990

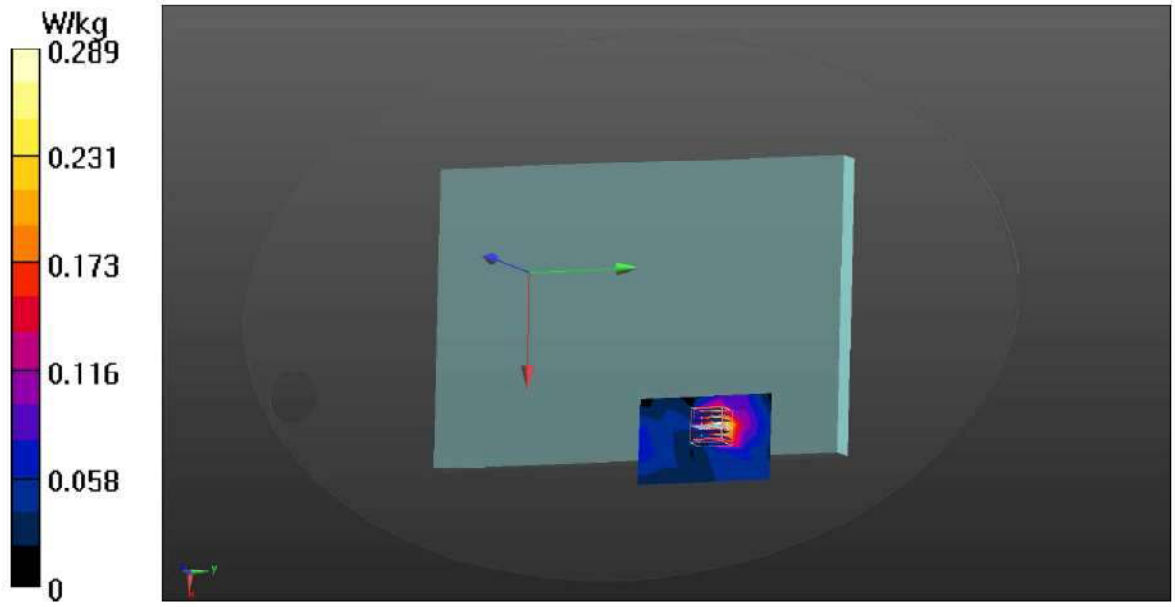
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 6.119 S/m; ε_r = 46.579; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.3, 4.3, 4.3); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.288 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.897 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.289 W/kg



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Test Laboratory: Audix_SAR Lab

P14 802.11a CH149 5745MHz Aux

DUT: 13Z990

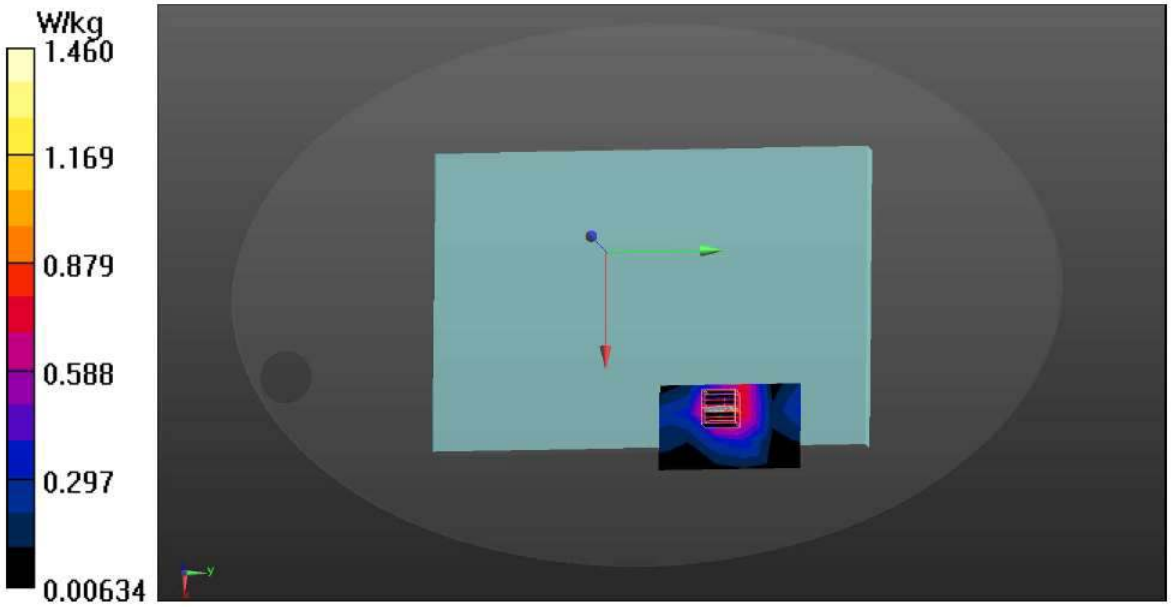
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 6.119 S/m; ε_r = 46.579; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.3, 4.3, 4.3); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.981 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.133 V/m; Power Drift = 1.27 dB
Peak SAR (extrapolated) = 2.60 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



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Date: 10/28/2018

Test Laboratory: Audix_SAR Lab

P3 802.11n-HT40 CH54 5270MHz Main

DUT: 13Z990

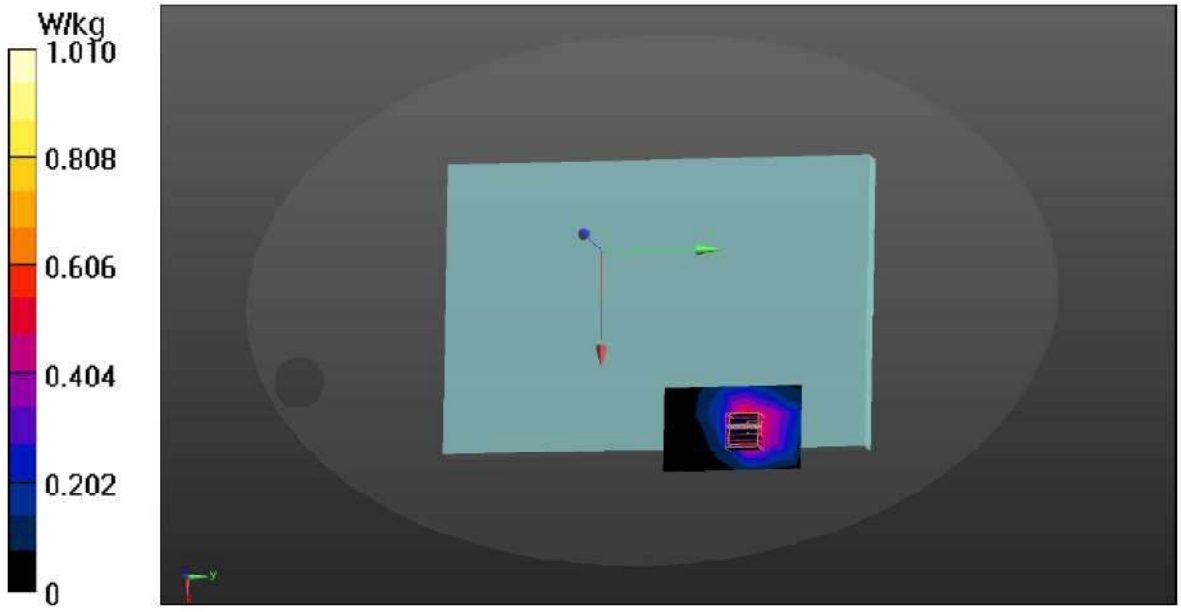
Communication System: UID 0, WIFI 5G 802.11HT_40 (0); Frequency: 5270 MHz;Duty Cycle:1:1.087
Medium parameters used: f = 5270 MHz; σ = 5.435 S/m; ε_r = 47.481; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.596 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.595 V/m; Power Drift = 1.00 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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Test Laboratory: Audix_SAR Lab

P4 802.11n-HT40 CH54 5270MHz Aux

DUT: 13Z990

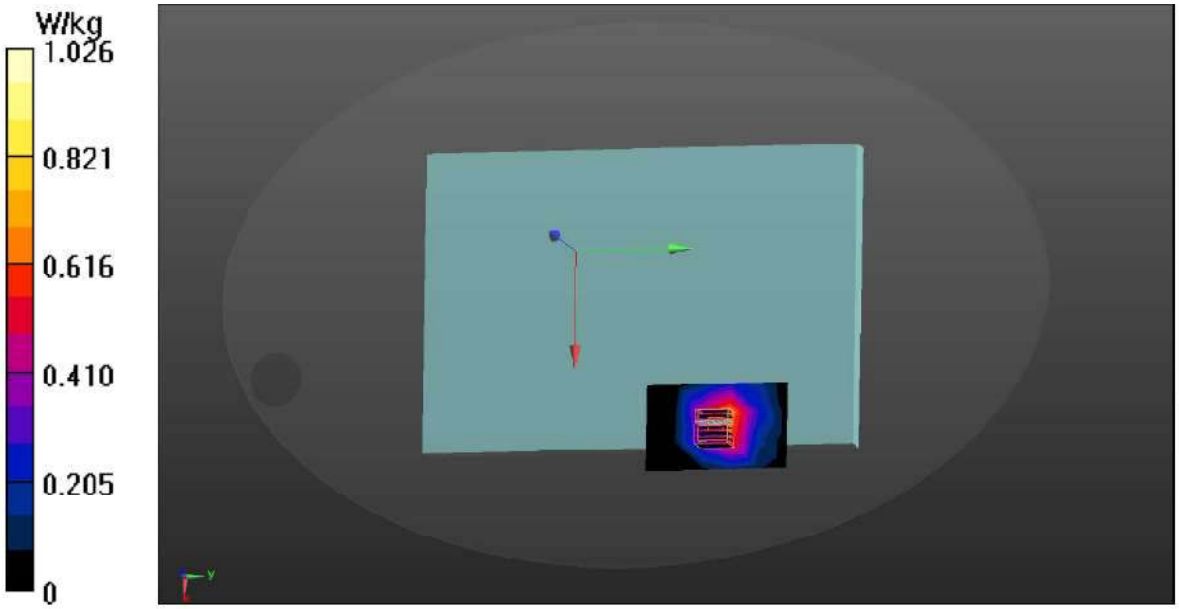
Communication System: UID 0, WIFI 5G 802.11HT_40 (0); Frequency: 5270 MHz;Duty Cycle:1:1.087
Medium parameters used: f = 5270 MHz; σ = 5.435 S/m; ε_r = 47.481; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.697 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.527 V/m; Power Drift = 0.99 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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Test Laboratory: Audix_SAR Lab

P5 802.11n-HT20 CH116 5580MHz Main

DUT: 13Z990

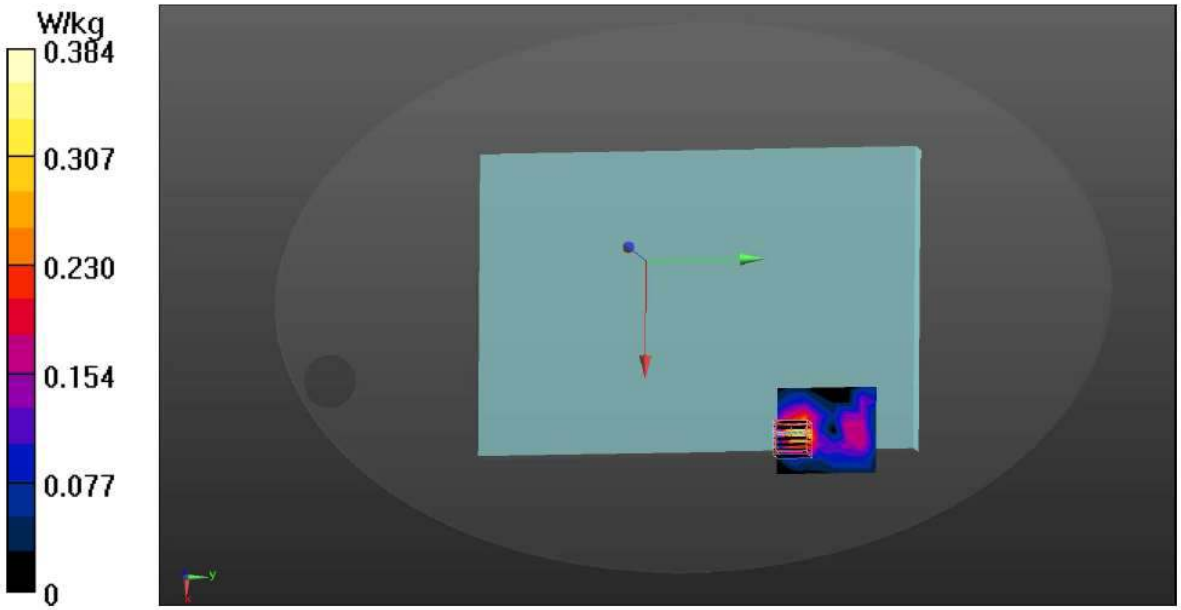
Communication System: UID 0, WIFI 5G 802.11HT_20 (0); Frequency: 5580 MHz;Duty Cycle:1:1.042
Medium parameters used: f = 5580 MHz; σ = 5.86 S/m; ε_r = 46.89; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.07, 4.07, 4.07); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.347 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.574 V/m; Power Drift = 1.58 dB
Peak SAR (extrapolated) = 0.790 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.384 W/kg



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Date: 10/29/2018

Test Laboratory: Audix_SAR Lab

P6 802.11n-HT20 CH116 5580MHz Aux

DUT: 13Z990

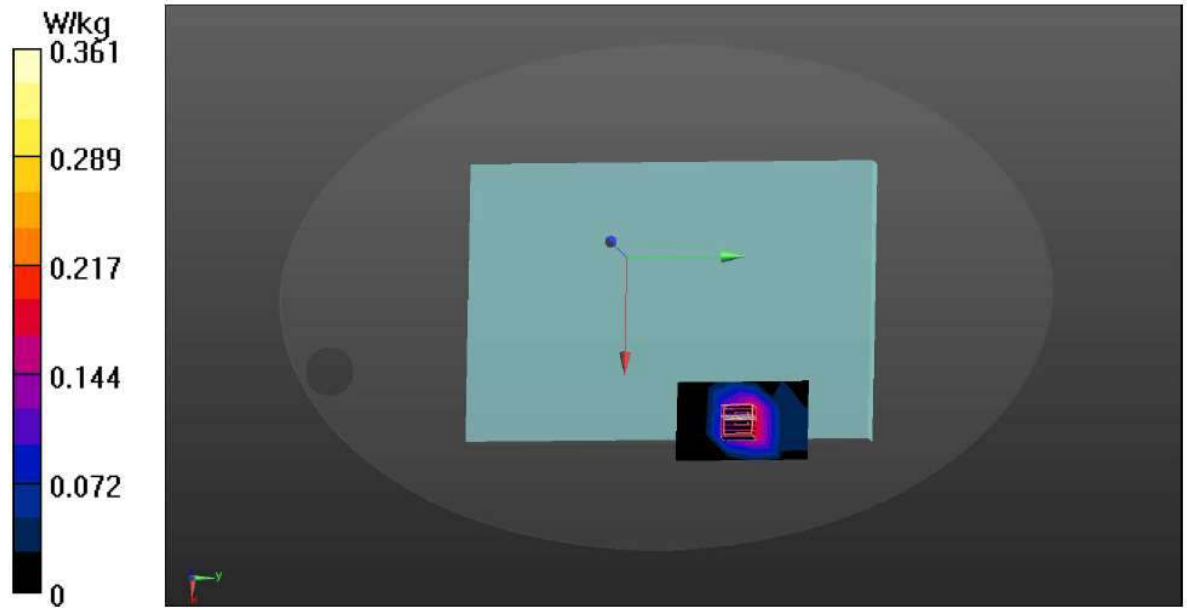
Communication System: UID 0, WIFI 5G 802.11HT_20 (0); Frequency: 5580 MHz;Duty Cycle:1:1.042
Medium parameters used: f = 5580 MHz; σ = 5.86 S/m; ε_r = 46.89; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.07, 4.07, 4.07); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.192 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.521 V/m; Power Drift = 1.52 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



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Test Laboratory: Audix_SAR Lab

P8 802.11n-HT40 CH159 5795MHz Main

DUT: 13Z990

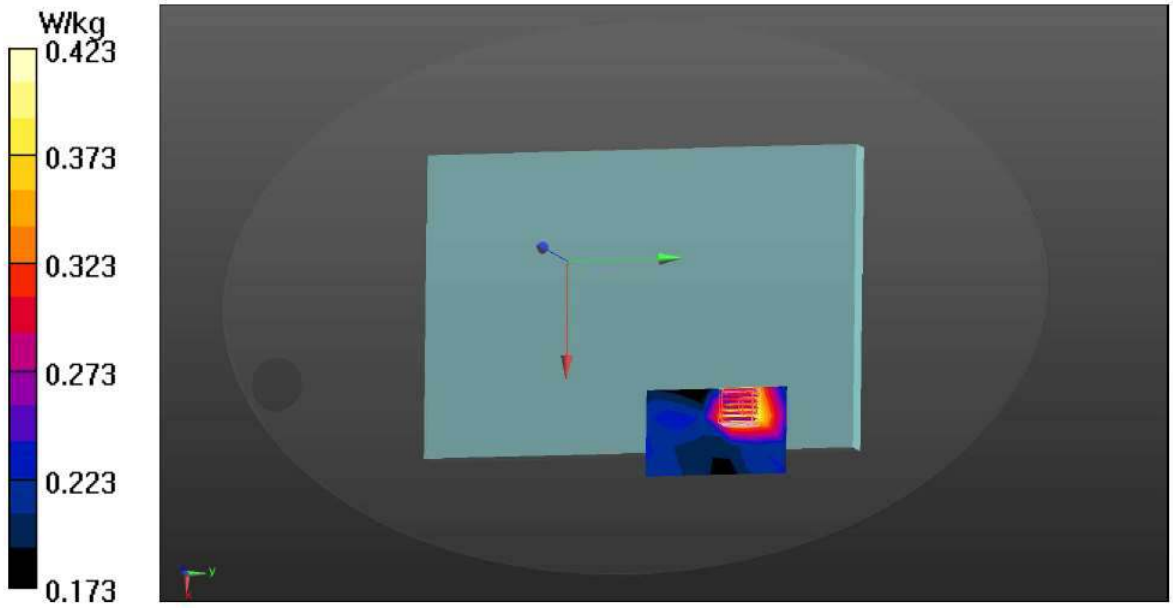
Communication System: UID 0, WIFI 5G 802.11HT_40 (0); Frequency: 5795 MHz;Duty Cycle:1:1.087
Medium parameters used: f = 5795 MHz; σ = 6.166 S/m; ε_r = 46.508; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.3, 4.3, 4.3); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.399 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.288 V/m; Power Drift = 1.85 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.423 W/kg



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Test Laboratory: Audix_SAR Lab

P7 802.11n-HT40 CH159 5795MHz Aux

DUT: 13Z990

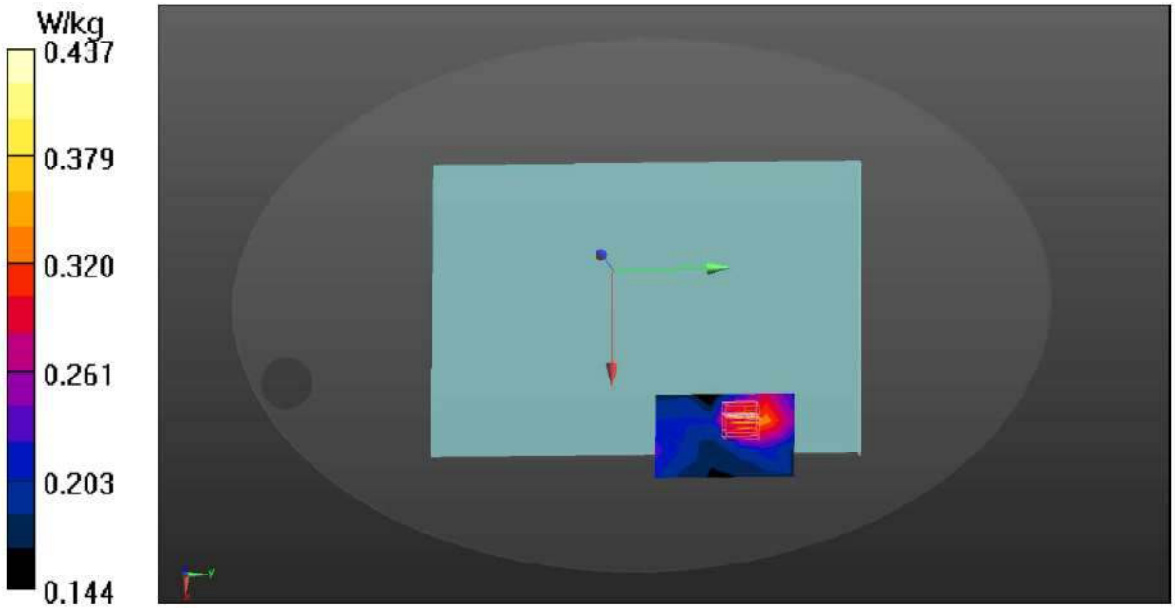
Communication System: UID 0, WIFI 5G 802.11HT_40 (0); Frequency: 5795 MHz;Duty Cycle:1:1.087
Medium parameters used: f = 5795 MHz; σ = 6.166 S/m; ε_r = 46.508; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.3, 4.3, 4.3); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: EL1 v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.368 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.599 V/m; Power Drift = 1.28 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



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Test Laboratory: Audix_SAR Lab

P33 GFSK CH78 2480MHz Main

DUT: 13Z990

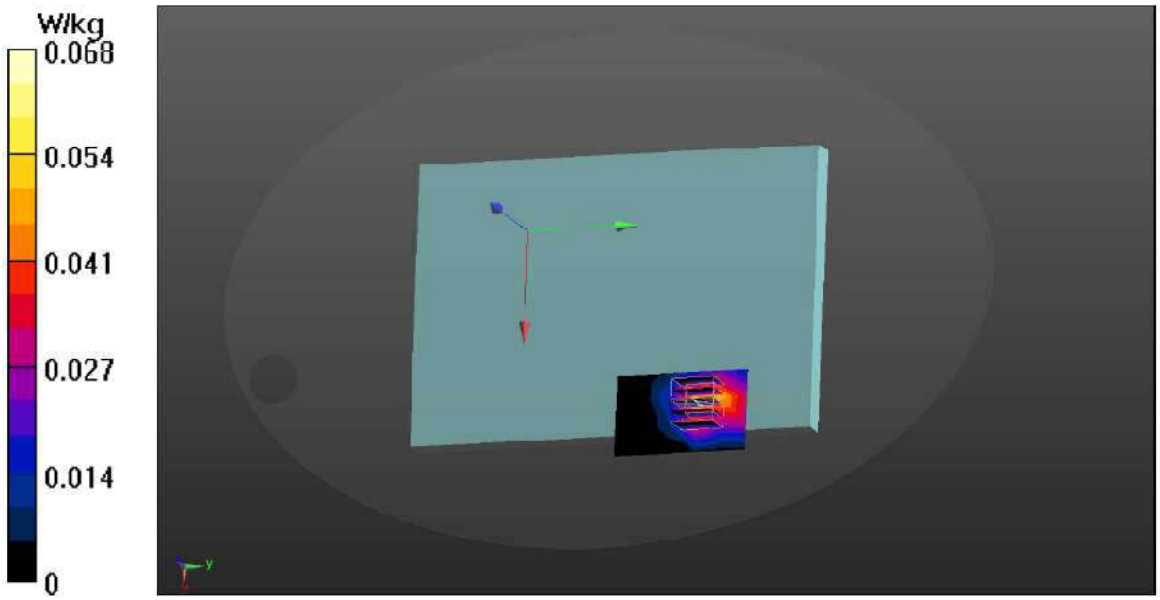
Communication System: UID 0, BT (0); Frequency: 2480 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2480 MHz; σ = 2.034 S/m; ε_r = 51.509; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.67, 7.67, 7.67); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (4x6x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0483 W/kg

Zoom Scan (5x5x6)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.529 V/m; Power Drift = 1.02 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0675 W/kg



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Test Laboratory: Audix_SAR Lab

P19 802.11a CH52 5260MHz Main

DUT: 13Z990

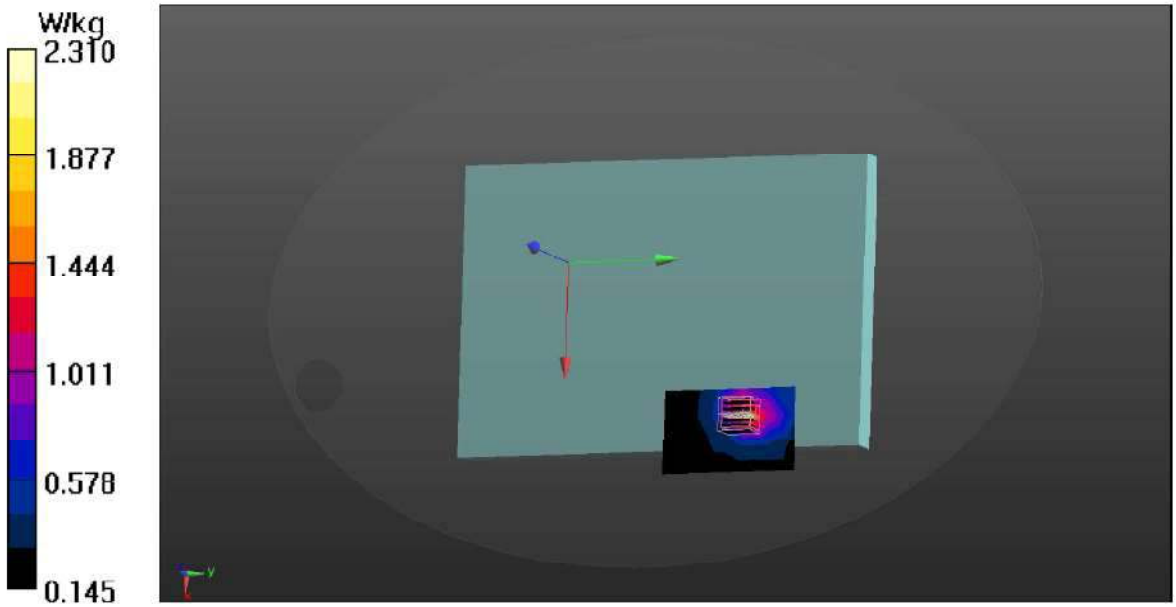
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.419 S/m; ε_r = 47.514; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.79 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.833 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 2.31 W/kg



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Date: 10/28/2018

Test Laboratory: Audix_SAR Lab

P22 802.11a CH60 5300MHz Main

DUT: 13Z990

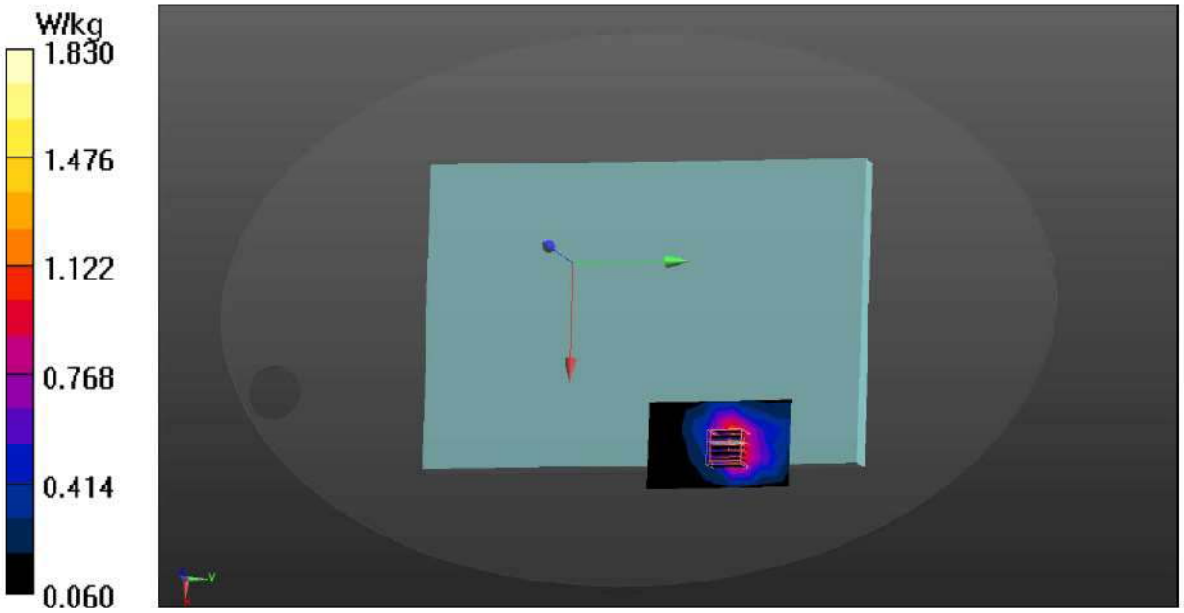
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5300 MHz;Duty Cycle:1:1
Medium parameters used: f = 5300 MHz; σ = 5.488 S/m; ε_r = 47.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.20 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.076 V/m; Power Drift = 1.88 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



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Test Laboratory: Audix_SAR Lab

P20 802.11a CH52 5260MHz Aux

DUT: 13Z990

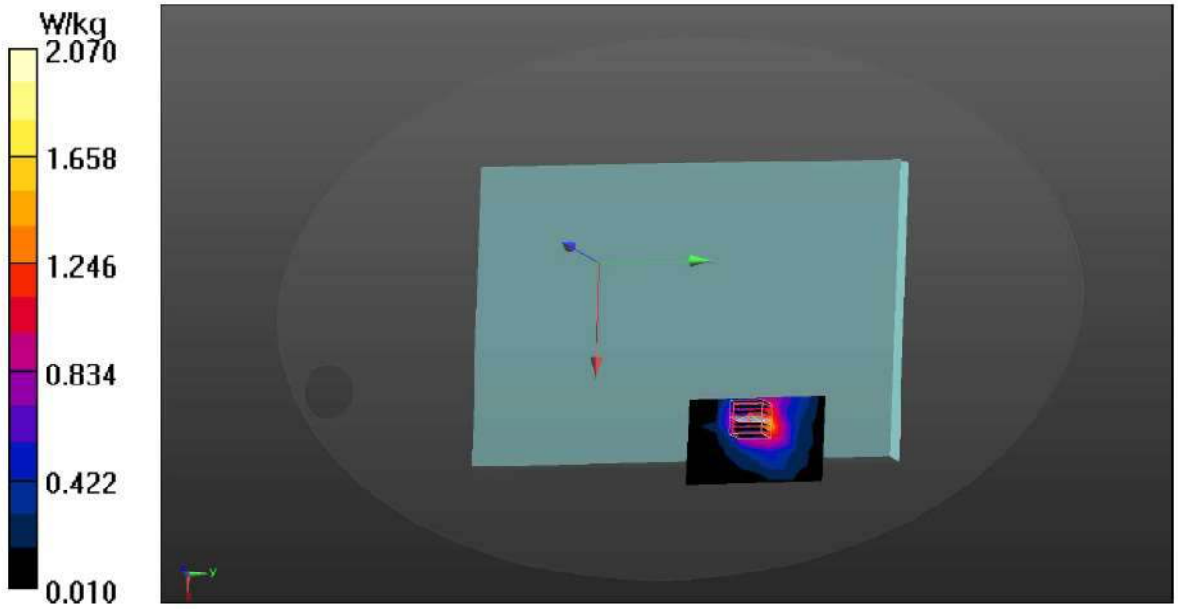
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.419 S/m; ε_r = 47.514; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.44 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.428 V/m; Power Drift = 0.89 dB
Peak SAR (extrapolated) = 3.82 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 2.07 W/kg



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Date: 10/28/2018

Test Laboratory: Audix_SAR Lab

P21 802.11a CH52 5260MHz Aux

DUT: 137990

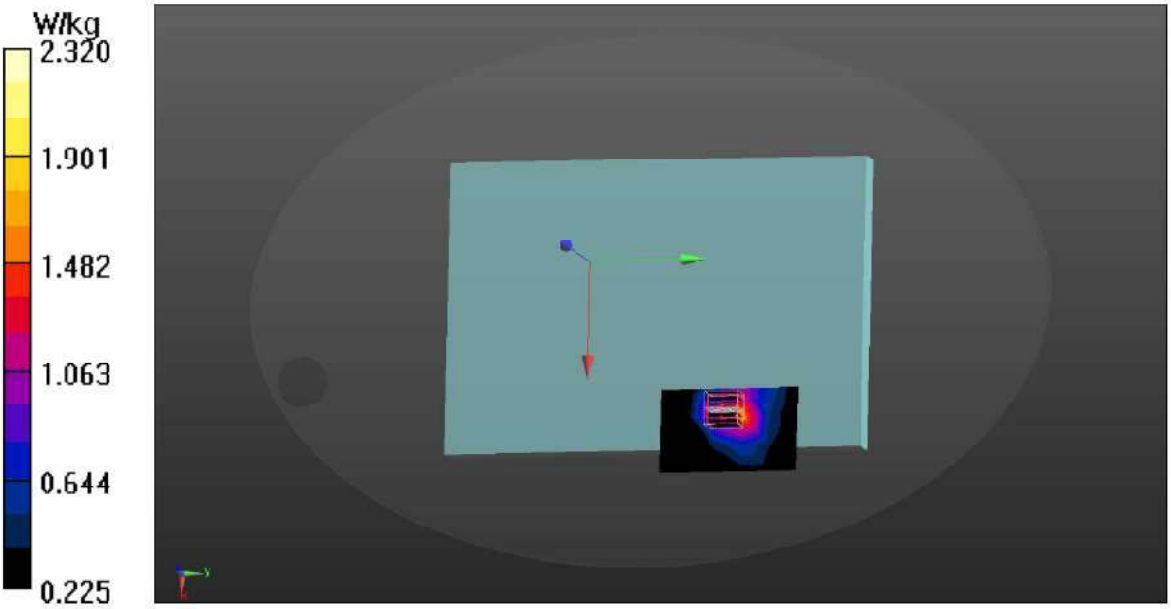
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.419 S/m; ε_r = 47.514; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.67 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.429 V/m; Power Drift = 0.60 dB
Peak SAR (extrapolated) = 4.18 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.532 W/kg
Maximum value of SAR (measured) = 2.32 W/kg



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Test Laboratory: Audix_SAR Lab

P23 802.11a CH60 5300MHz Aux

DUT: 13Z990

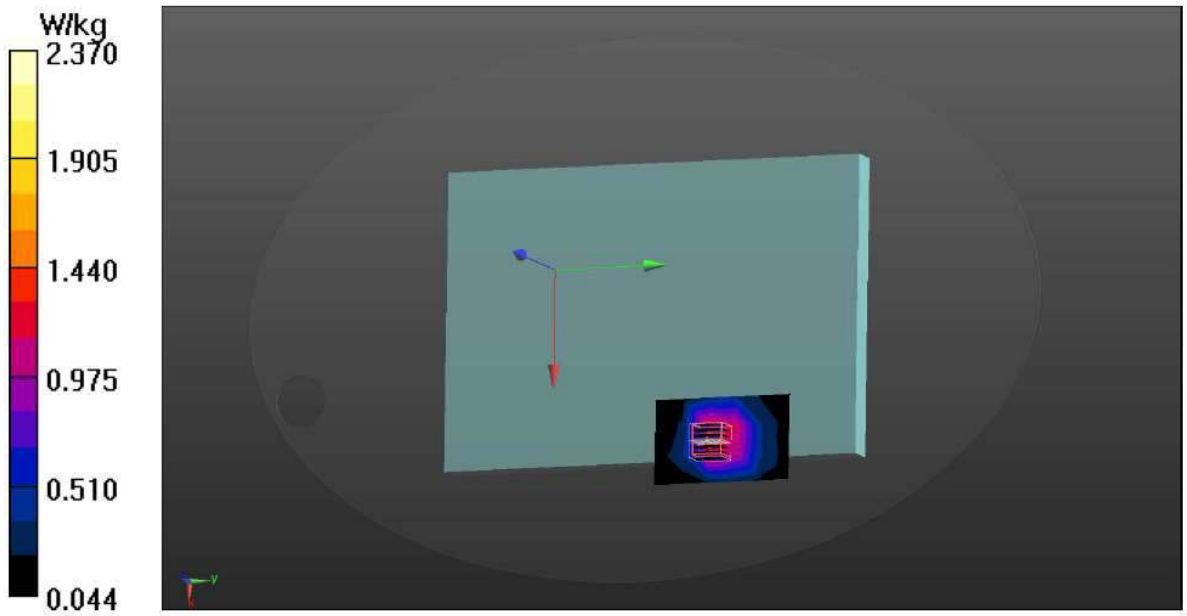
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5300 MHz;Duty Cycle:1:1
Medium parameters used: f = 5300 MHz; σ = 5.488 S/m; ε_r = 47.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37); Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.29 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.697 V/m; Power Drift = 1.56 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 2.37 W/kg



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Test Laboratory: Audix_SAR Lab

P24 802.11a CH60 5300MHz Aux

DUT: 13Z990

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5300 MHz;Duty Cycle:1:1
Medium parameters used: f = 5300 MHz; σ = 5.488 S/m; ε_r = 47.439; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.37, 4.37, 4.37): Calibrated: 9/27/2018;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/19/2018
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.29 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.481 V/m; Power Drift = 01.22 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.529 W/kg
Maximum value of SAR (measured) = 2.16 W/kg