Date: 11/27/2017

Test Laboratory: Audix_SAR Lab

P23 802.11b CH6 2437MHz A

DUT: 15Z980

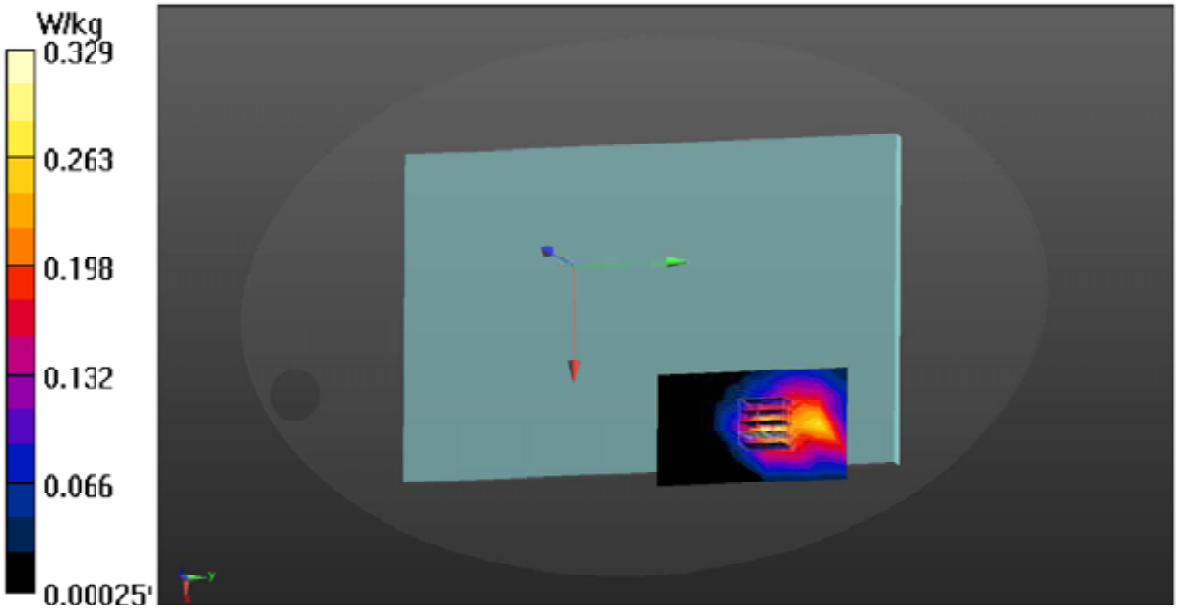
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2437 MHz;Duty Cycle:1:1
Medium parameters used: f = 2437 MHz; σ = 1.949 S/m; ε_r = 51.402; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.65, 7.65, 7.65); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x8x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.318 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.751 V/m; Power Drift = 1.15 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.329 W/kg



Date: 11/27/2017

Test Laboratory: Audix_SAR Lab

P24 802.11b CH6 2437MHz B

DUT: 15Z980

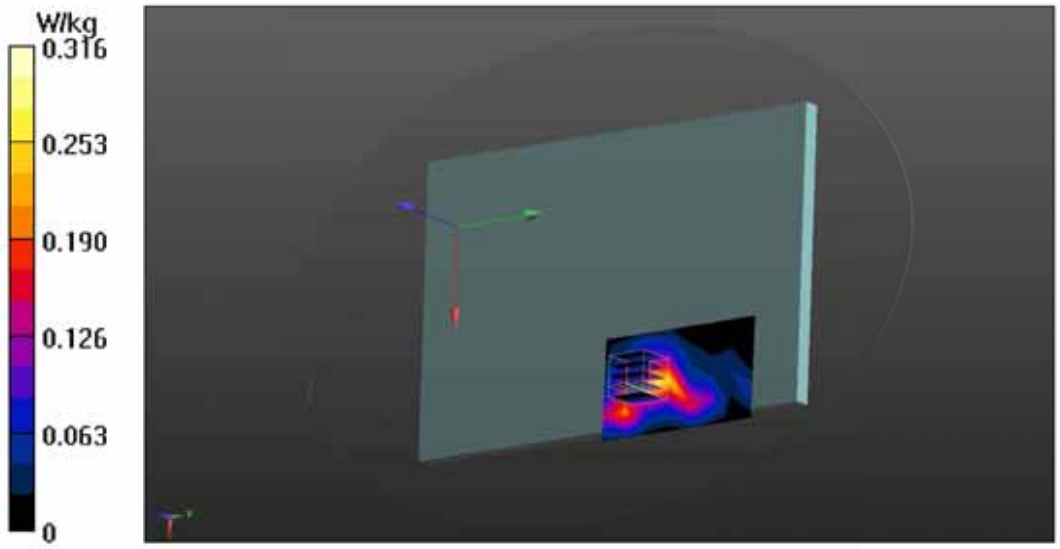
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2437 MHz;Duty Cycle:1:1
Medium parameters used: f = 2437 MHz; σ = 1.949 S/m; ε_r = 51.402; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.65, 7.65, 7.65); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (5x8x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.295 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.515 V/m; Power Drift = 1.30 dB
Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.316 W/kg



Date: 11/23/2017

Test Laboratory: Audix_SAR Lab

P25 802.11a CH36 5180MHz A

DUT: 15Z980

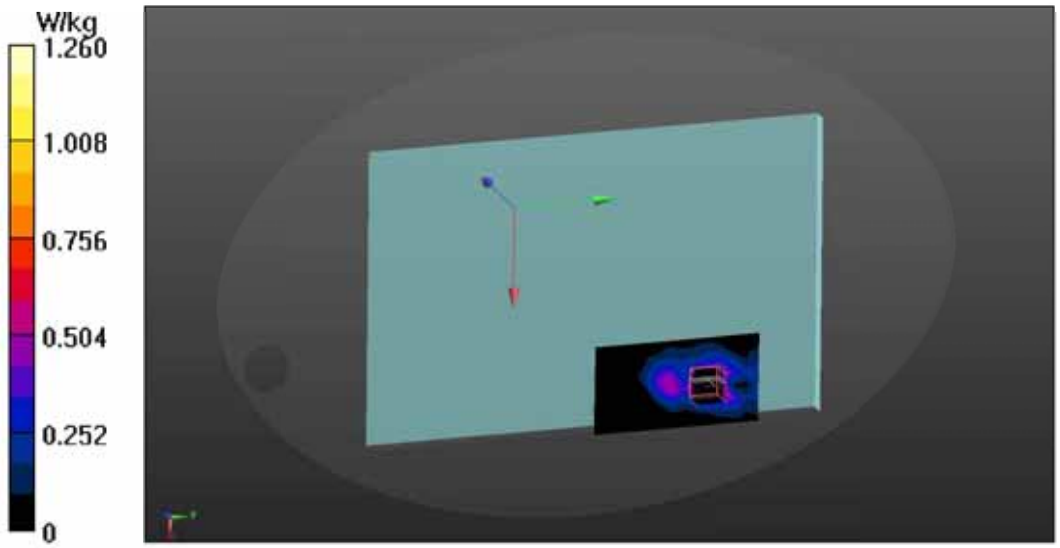
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5180 MHz;Duty Cycle:1:1
Medium parameters used: f = 5180 MHz; σ = 5.326 S/m; ε_r = 47.592; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.74, 4.74, 4.74); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.885 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.525 V/m; Power Drift = 0.42 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



Date: 11/23/2017

Test Laboratory: Audix_SAR Lab

P14 802.11a CH52 5260MHz A

DUT: 15Z980

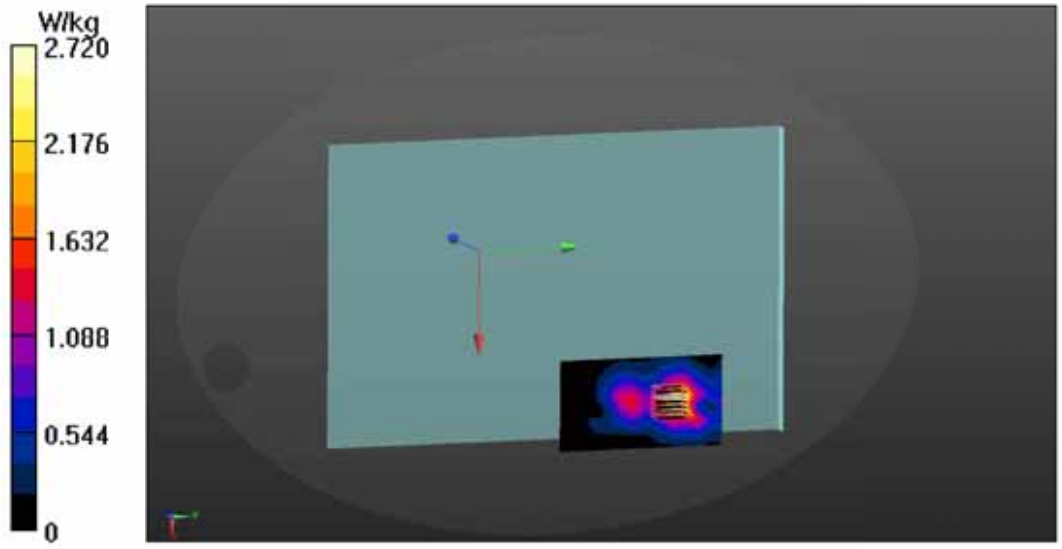
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.463 S/m; ε_r = 47.423; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.54, 4.54, 4.54); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.34 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.243 V/m; Power Drift = 0.50 dB
Peak SAR (extrapolated) = 4.79 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.585 W/kg
Maximum value of SAR (measured) = 2.72 W/kg



Date: 11/23/2017

Test Laboratory: Audix_SAR Lab

P16 802.11a CH52 5260MHz A

DUT: 15Z980

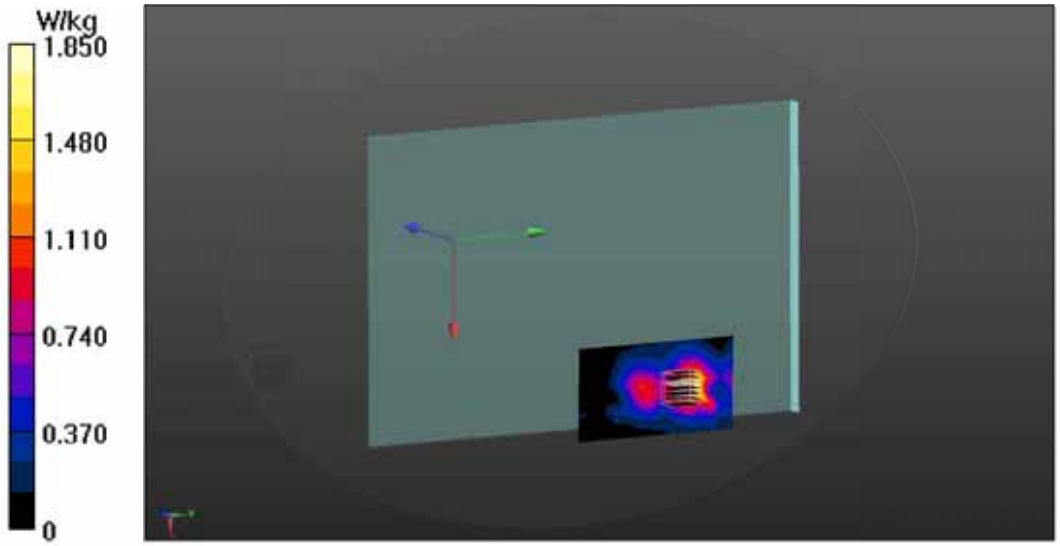
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.463 S/m; ε_r = 47.423; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.54, 4.54, 4.54); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.78 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.26 V/m; Power Drift = 0.62 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.520 W/kg
Maximum value of SAR (measured) = 1.85 W/kg



Date: 11/23/2017

Test Laboratory: Audix_SAR Lab

P26 802.11a CH64 5320MHz A

DUT: 15Z980

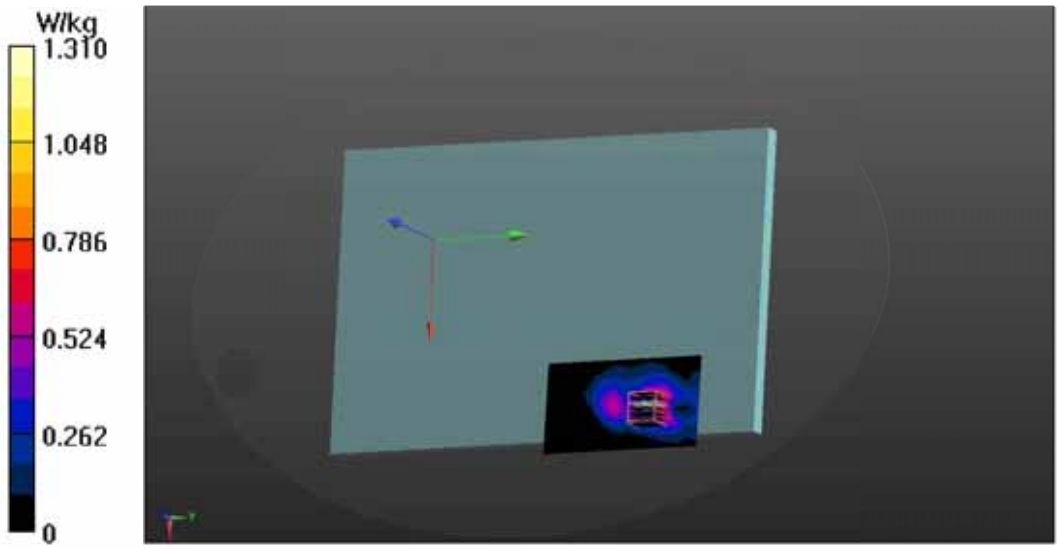
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5320 MHz;Duty Cycle:1:1
Medium parameters used: f = 5320 MHz; σ = 5.515 S/m; ε_r = 47.204; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.54, 4.54, 4.54); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.969 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.645 V/m; Power Drift = 1.15 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



Date: 11/23/2017

Test Laboratory: Audix_SAR Lab

P15 802.11a CH52 5260MHz B

DUT: 15Z980

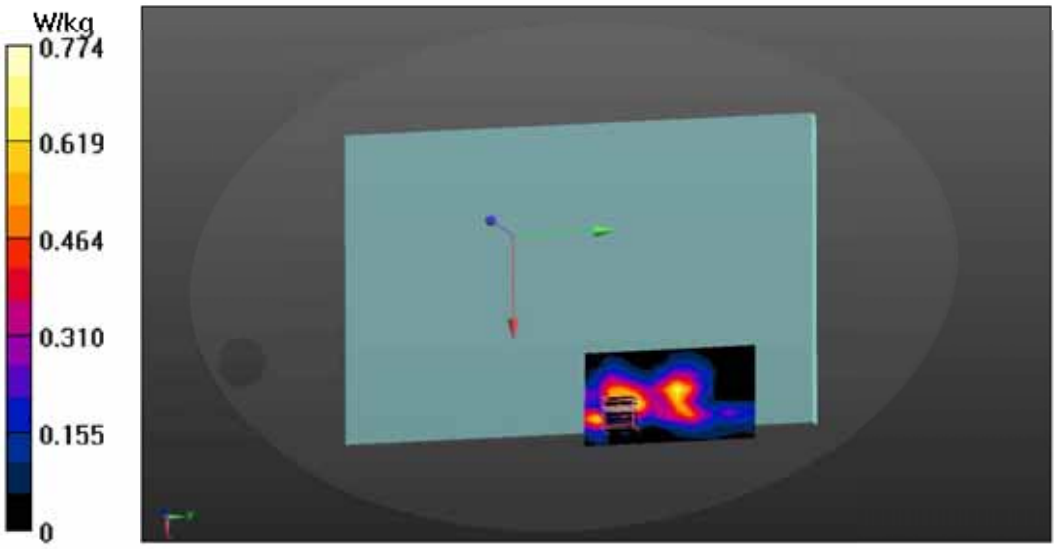
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz;Duty Cycle:1:1
Medium parameters used: f = 5260 MHz; σ = 5.463 S/m; ε_r = 47.423; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.54, 4.54, 4.54); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.678 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.824 V/m; Power Drift = 0.75 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.774 W/kg



Date: 11/24/2017

Test Laboratory: Audix_SAR Lab

P18 802.11a CH116 5580MHz A

DUT: 15Z980

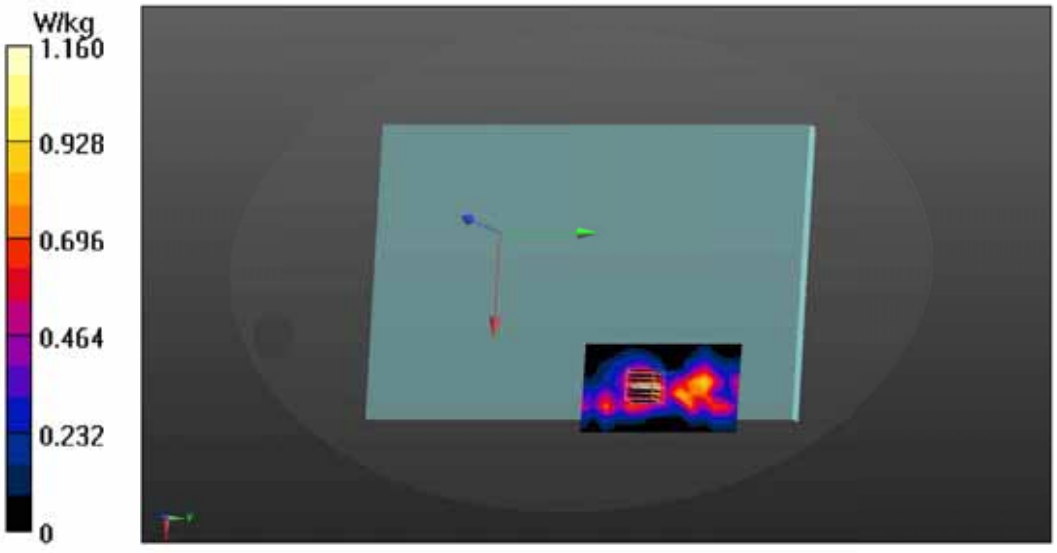
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5580 MHz;Duty Cycle:1:1
Medium parameters used: f = 5580 MHz; σ = 5.906 S/m; ε_r = 46.708; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.19, 4.19, 4.19); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.937 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.752 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



Date: 11/24/2017

Test Laboratory: Audix_SAR Lab

P19 802.11a CH116 5580MHz B

DUT: 15Z980

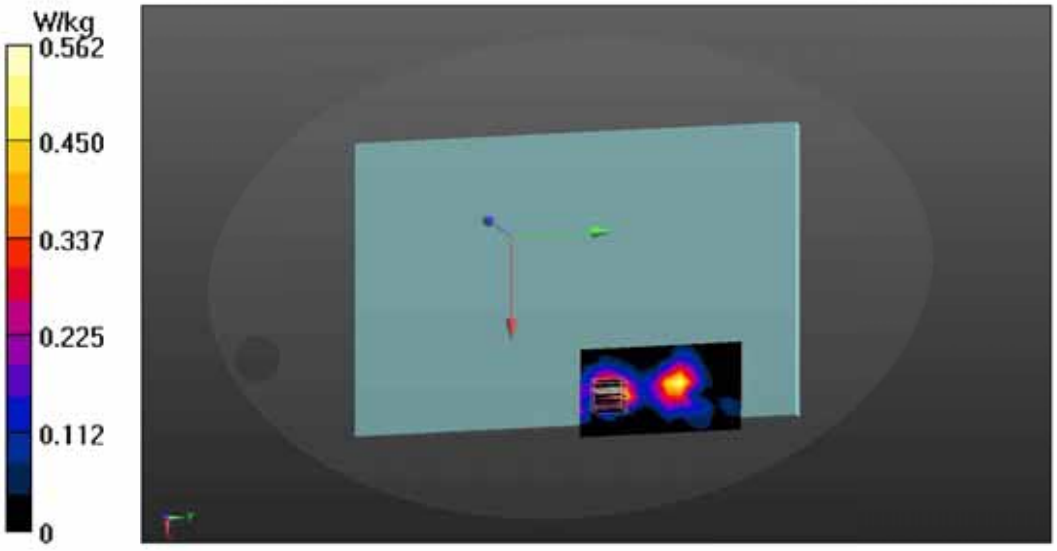
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5580 MHz;Duty Cycle:1:1
Medium parameters used: f = 5580 MHz; σ = 5.906 S/m; ε_r = 46.708; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.19, 4.19, 4.19); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.542 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.427 V/m; Power Drift = 0.50 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.562 W/kg



Date: 11/25/2017

Test Laboratory: Audix_SAR Lab

P20 802.11a CH157 5785MHz A

DUT: 15Z980

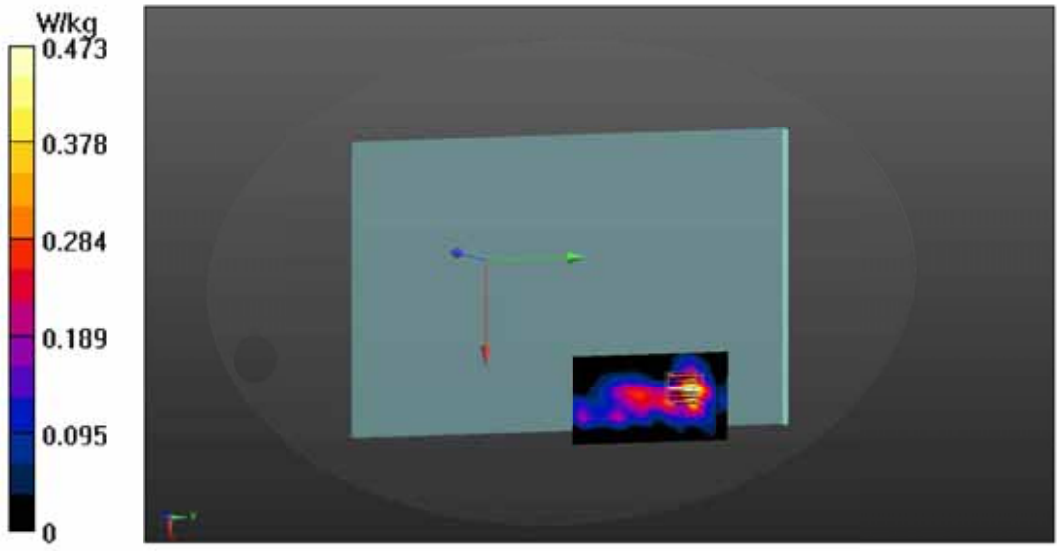
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5785 MHz;Duty Cycle:1:1
Medium parameters used: f = 5785 MHz; σ = 6.172 S/m; ε_r = 46.304; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.42, 4.42, 4.42); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.495 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.355 V/m; Power Drift = 1.10 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.473 W/kg



Test Laboratory: Audix_SAR Lab

P21 802.11a CH157 5785MHz B

DUT: 15Z980

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5785 MHz;Duty Cycle:1:1
Medium parameters used: f = 5785 MHz; σ = 6.172 S/m; ε_r = 46.304; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.42, 4.42, 4.42); Calibrated: 9/29/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 9/25/2017
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1170
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.278 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.125 V/m; Power Drift = 0.64 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.324 W/kg