APPENDIX A

Graph Results
(WIFI 2.4GHz & WIFI 5GHz)

Test Mode: WIFI 2.4GHz:

Test Laboratory: Audix SAR Lab Date: 22/04/2024

CH1(2412MHz Top)

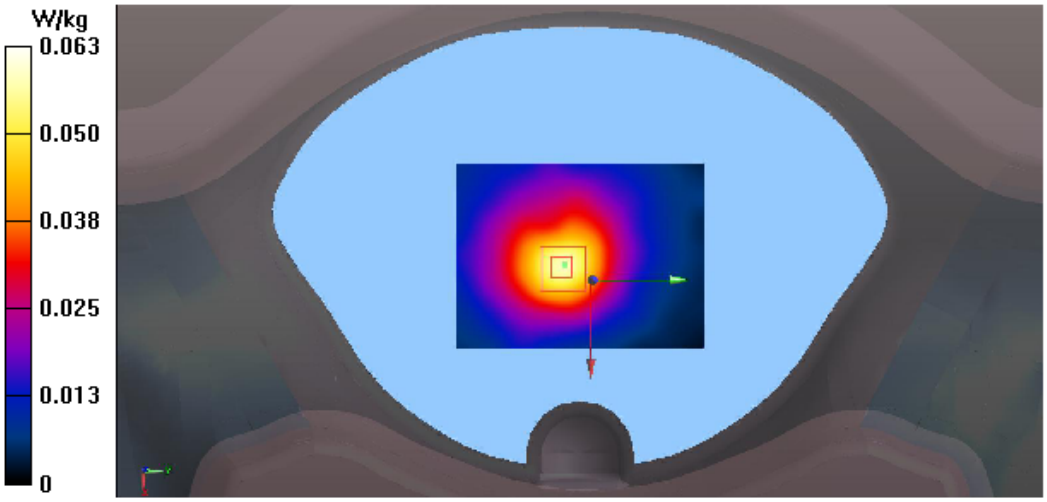
DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2412 MHz;Communication System PAR: 0 dB
Medium parameters used: f = 2412 MHz; σ = 1.841 S/m; ε_r = 38.849; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.62, 7.62, 7.62); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1(2412MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0588 W/kg

Configuration/CH1(2412MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.877 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0630 W/kg



Test Laboratory: Audix SAR Lab Date: 22/04/2024

CH6(2437MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.873 S/m; ε_r = 38.753; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.62, 7.62, 7.62); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH6(2437MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0594 W/kg

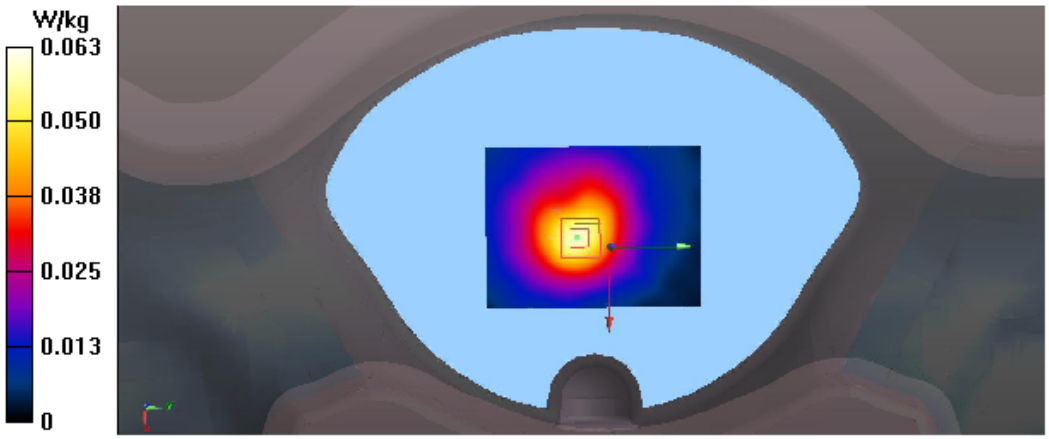
Configuration/CH6(2437MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.945 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0626 W/kg



Test Laboratory: Audix SAR Lab Date: 22/04/2024

CH11(2462MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 2462 MHz; σ = 1.899 S/m; ε_r = 38.666; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.62, 7.62, 7.62); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH11(2462MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0601 W/kg

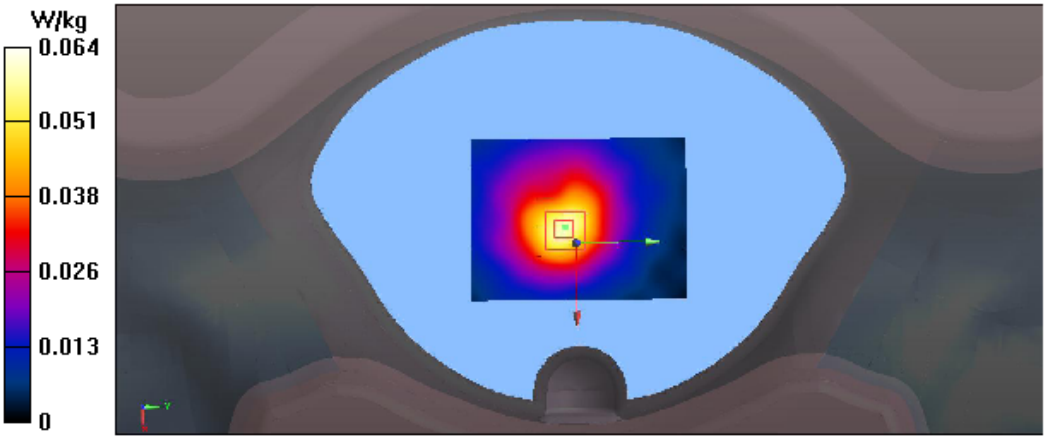
Configuration/CH11(2462MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.009 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0640 W/kg



Test Mode: WIFI 5GHz-Band 1:

Test Laboratory: Audix SAR Lab Date: 25/04/2024

CH38(5190MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.2GHz; Frequency: 5190 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5200 MHz; σ = 4.51 S/m; ε_r = 35.53; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH38(5190MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

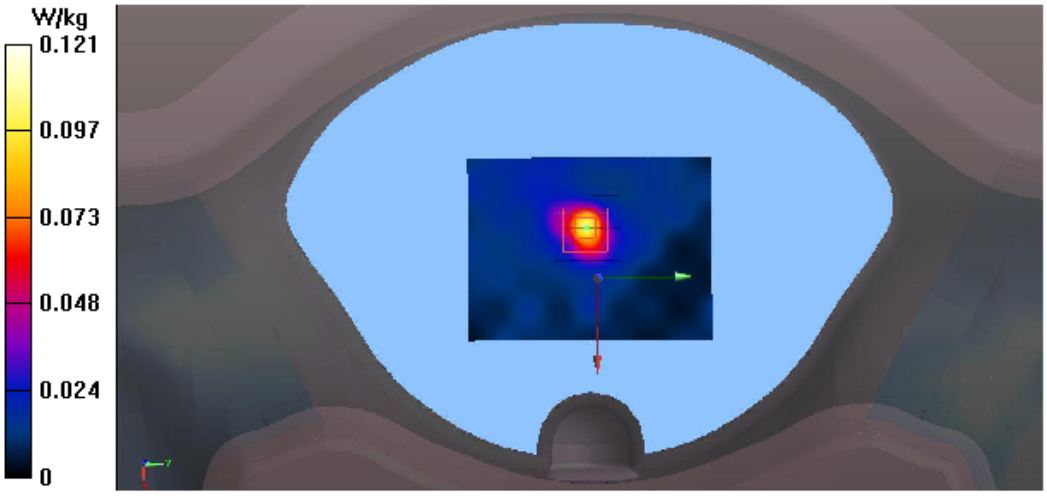
Configuration/CH38(5190MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.620 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



Test Laboratory: Audix SAR Lab Date: 25/04/2024

CH46(5230MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.2GHz; Frequency: 5230 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5200 MHz; σ = 4.51 S/m; ε_r = 35.53; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH46(5230MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

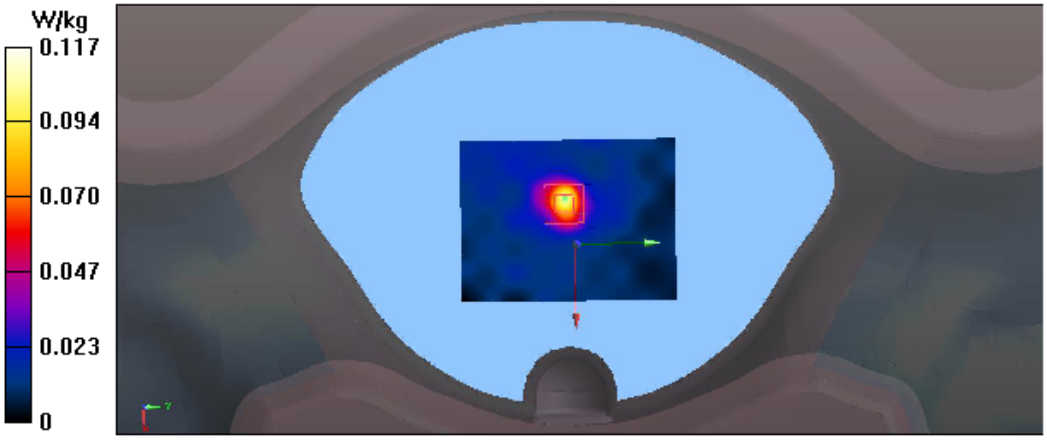
Configuration/CH46(5230MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.707 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



Test Mode: WIFI 5GHz-Band 2:

Test Laboratory: Audix SAR Lab Date: 25/04/2024

CH54(5270MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.3GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.3GHz ; Frequency: 5270 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 5270 MHz; σ = 4.537 S/m; ε_r = 37.017; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.35, 5.35, 5.35); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH54(5270MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

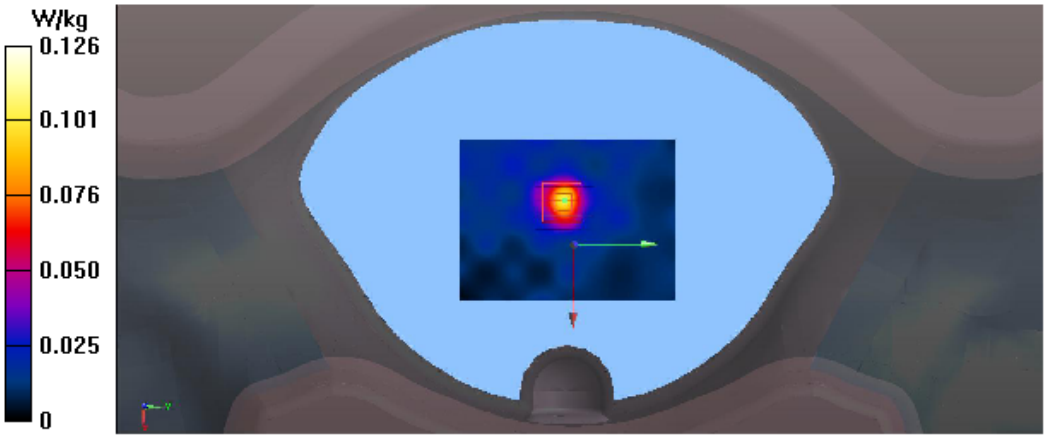
Configuration/CH54(5270MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.620 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



Test Laboratory: Audix SAR Lab Date: 25/04/2024

CH62(5310MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.3GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.3GHz ; Frequency: 5310 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 5310 MHz; σ = 4.595 S/m; ε_r = 37.015; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.35, 5.35, 5.35); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH62(5310MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

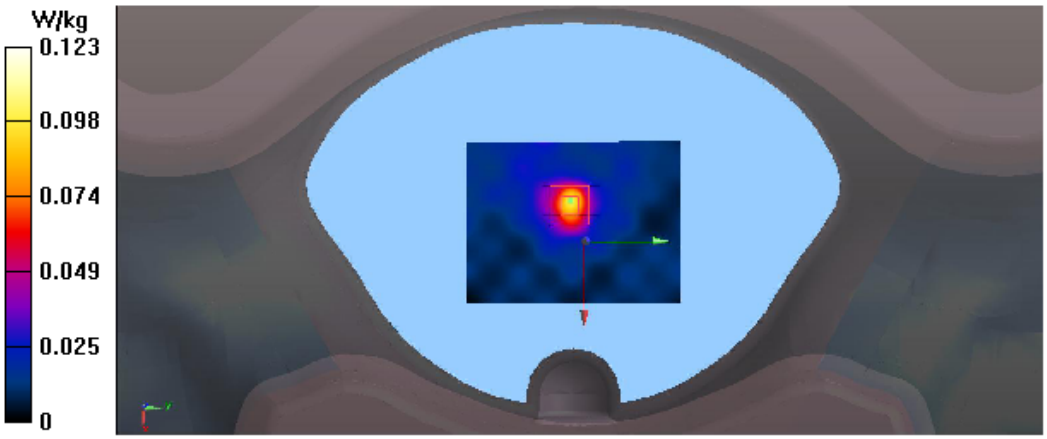
Configuration/CH62(5310MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.801 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



Test Mode: WIFI 5GHz-Band 3:

Test Laboratory: Audix SAR Lab Date: 23/04/2024

CH102(5510MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.5GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.5GHz; Frequency: 5510 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5500 MHz; σ = 4.733 S/m; ε_r = 35.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.05, 5.05, 5.05); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH102(5510MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

Configuration/CH102(5510MHz Top)/Zoom Scan (5x5x7)/Cube 0:

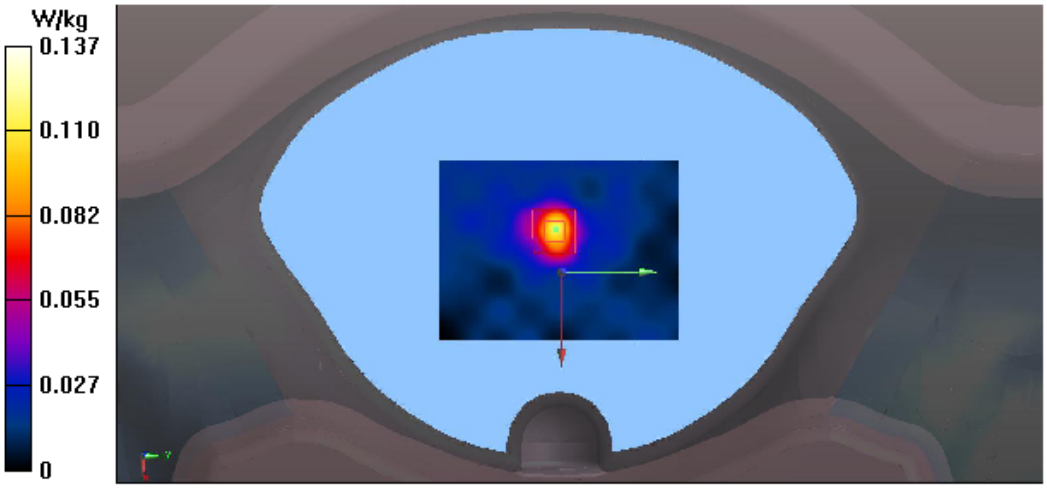
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.873 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



Test Laboratory: Audix SAR Lab Date: 23/04/2024

CH110(5550MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.5GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.5GHz; Frequency: 5550 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 5550 MHz; σ = 4.782 S/m; ε_r = 35.511; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.05, 5.05, 5.05); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH110(5550MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

Configuration/CH110(5550MHz Top)/Zoom Scan (5x5x7)/Cube 0:

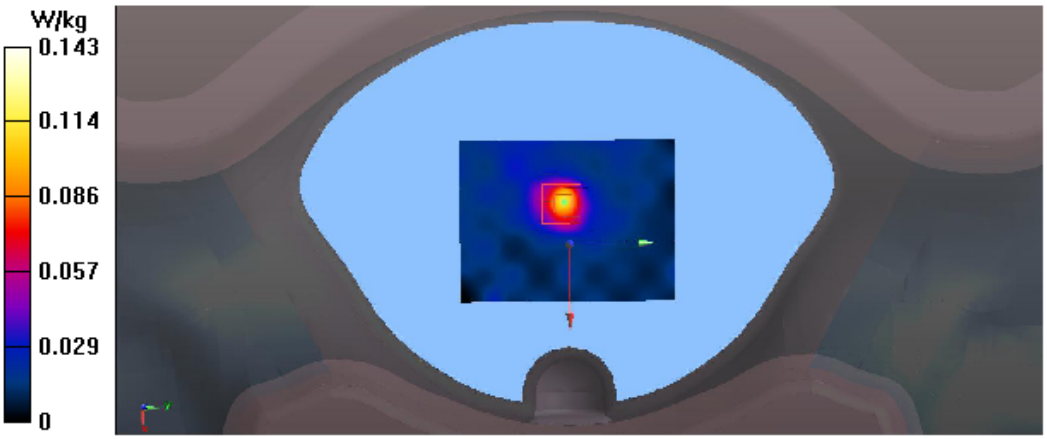
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.957 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.143 W/kg



Test Laboratory: Audix SAR Lab Date: 23/04/2024

CH118(5590MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.5GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.5GHz; Frequency: 5590 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5600 MHz; σ = 4.831 S/m; ε_r = 35.131; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.97, 4.97, 4.97); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH118(5590MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.110 W/kg

Configuration/CH118(5590MHz Top)/Zoom Scan (5x5x7)/Cube 0:

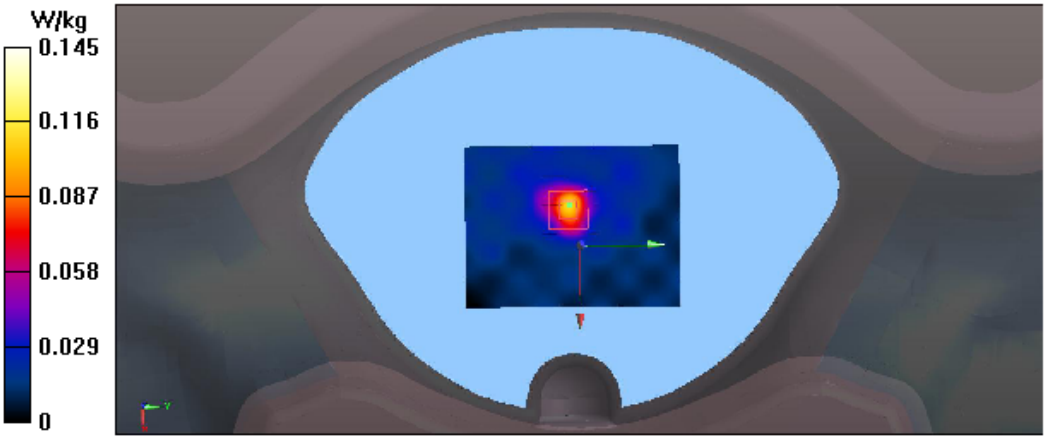
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.945 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



Test Laboratory: Audix SAR Lab Date: 23/04/2024

CH134(5670MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.5GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.5GHz; Frequency: 5670 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; σ = 4.912 S/m; ε_r = 34.791; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.97, 4.97, 4.97); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH134(5670MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

Configuration/CH134(5670MHz Top)/Zoom Scan (5x5x7)/Cube 0:

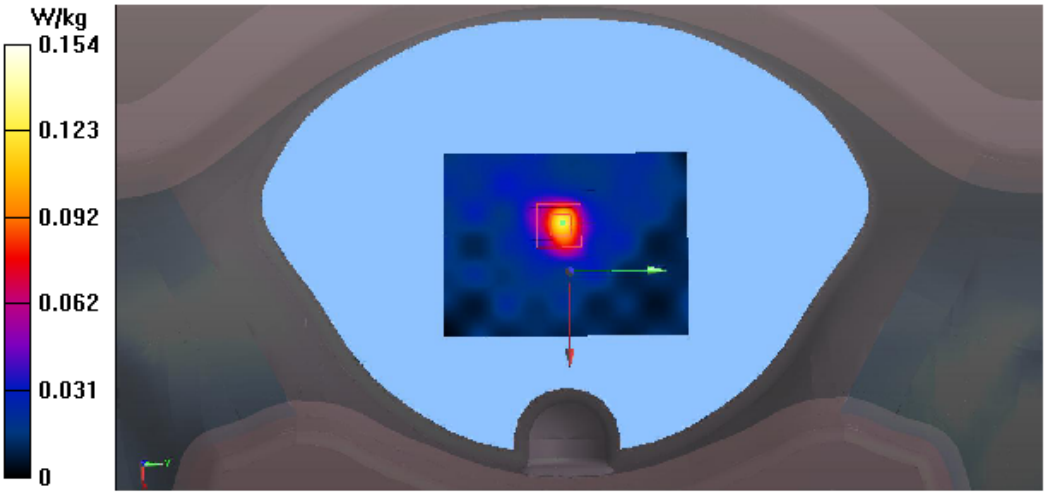
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.915 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



Test Mode: WIFI 5GHz-Band 4:

Test Laboratory: Audix SAR Lab Date: 24/04/2024

CH151(5755MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.8GHz ; Frequency: 5755 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5800 MHz; σ = 5.12 S/m; ε_r = 34.54; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.92, 4.92, 4.92); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH151(5755MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

Configuration/CH151(5755MHz Top)/Zoom Scan (5x5x7)/Cube 0:

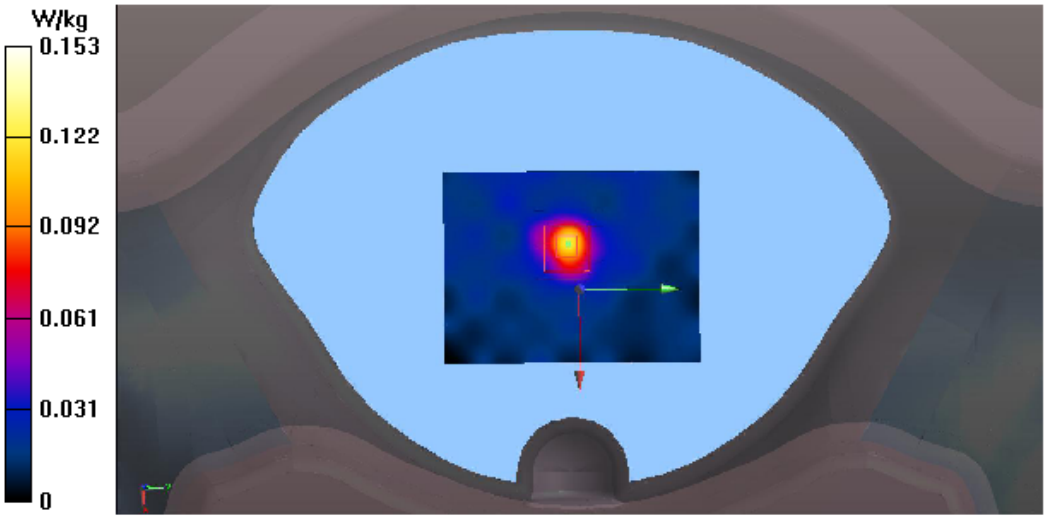
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.882 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



Test Laboratory: Audix SAR Lab Date: 24/04/2024

CH159(5795MHz Top)

DUT:Wireless Module M/N:MTxP240303ANT1

Communication System: UID 0, IEEE 802.11n40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n40 WiFi 5.8GHz ; Frequency: 5795 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5800 MHz; σ = 5.12 S/m; ε_r = 34.54; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.92, 4.92, 4.92); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH159(5795MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

Configuration/CH159(5795MHz Top)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.917 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.152 W/kg