Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

WiFi 2.4G/Bluetooth

Test SKU: SKU #1 (with INPAQ Antenna)

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P13 802.11b CH7 2442MHz ant1 Bottom

DUT: 16Z90Q(INPAQ)

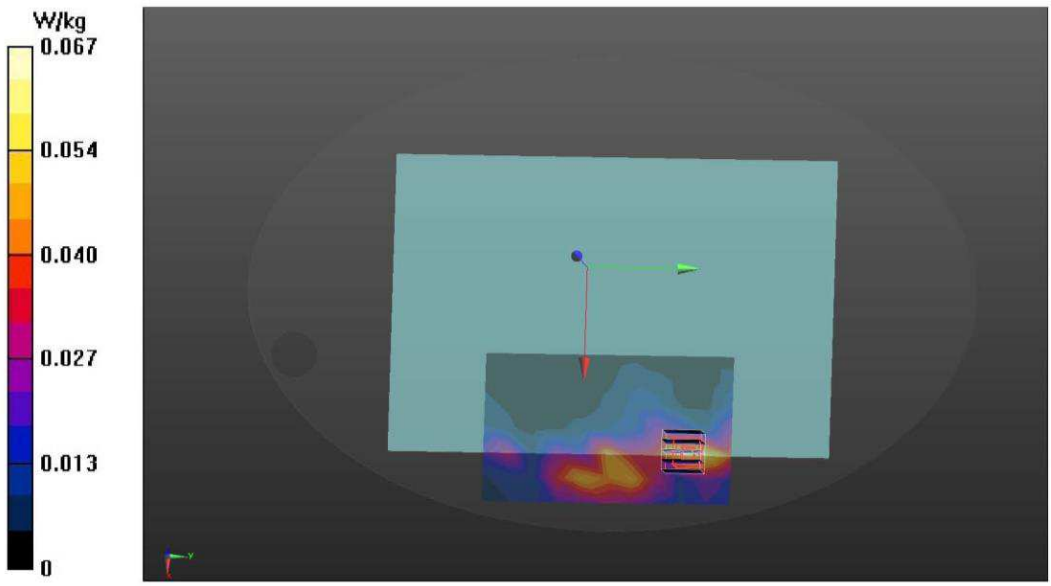
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.756 S/m; ε_r = 37.56; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0607 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.2990 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.0408 W/kg; SAR(10 g) = 0.0181 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 0.0671 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P3 802.11b CH7 2442MHz ant1 Screen

DUT: 16Z90Q(INPAQ)

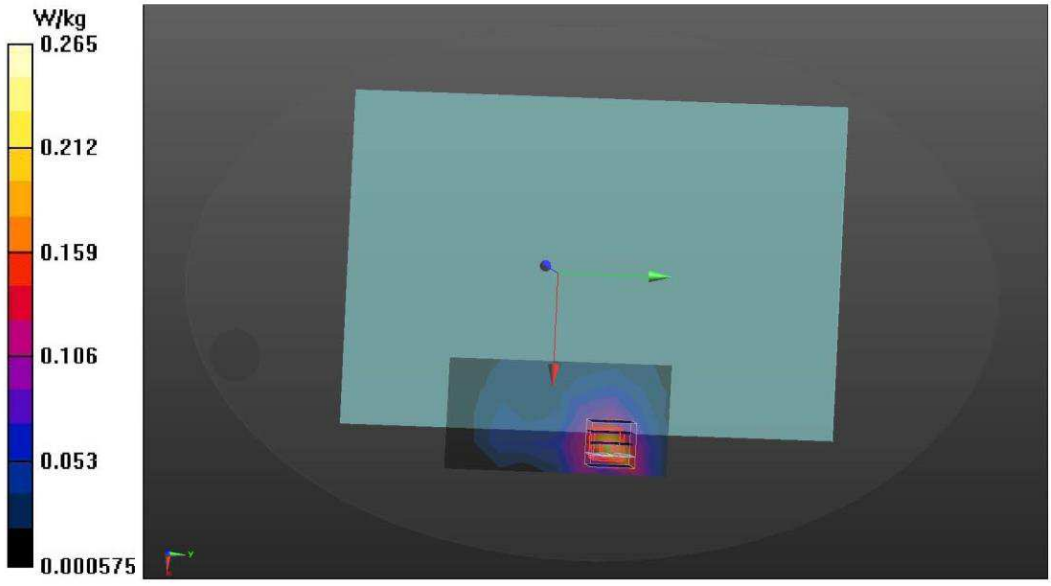
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.756 S/m; ε_r = 37.56; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.255 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.676 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.0998 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.265 W/kg



file:///C:/Users/USER/Desktop/report%20data/P3%20802.11b%20CH7%202442MHz%20ant1%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P13 802.11b CH11 2462MHz ant1 Bottom

DUT: 16Z90Q(INPAQ)

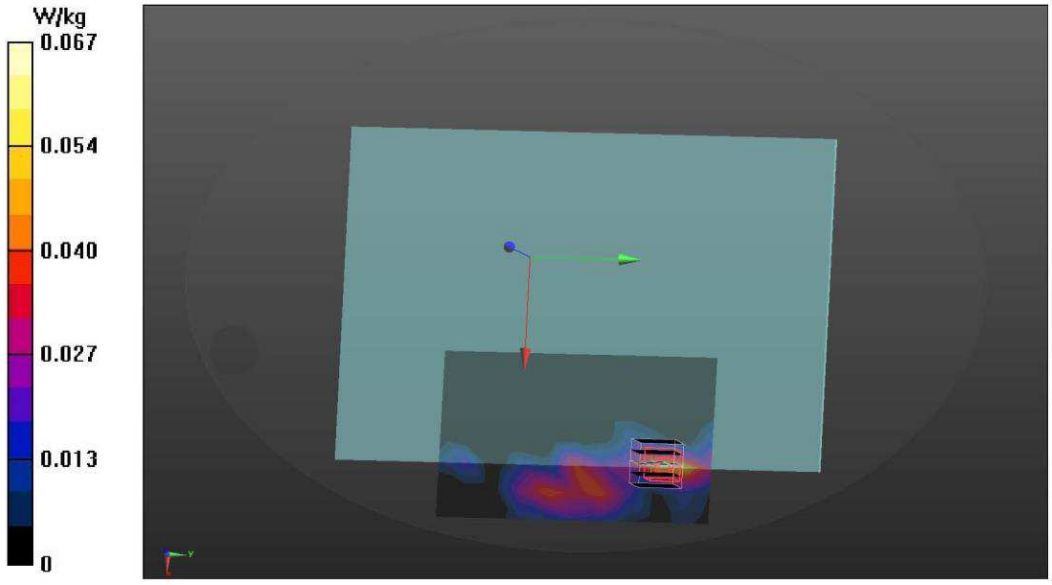
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0620 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.3140 V/m; Power Drift = 0.36 dB
Peak SAR (extrapolated) = 0.0850 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.0188 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 50.6%
Maximum value of SAR (measured) = 0.0674 W/kg



file:///C:/Users/USER/Desktop/report%20data/P13%20802.11b%20CH7%202442MHz%20ant1%...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P3 802.11b CH11 2462MHz ant1 Screen

DUT: 16Z90Q(INPAQ)

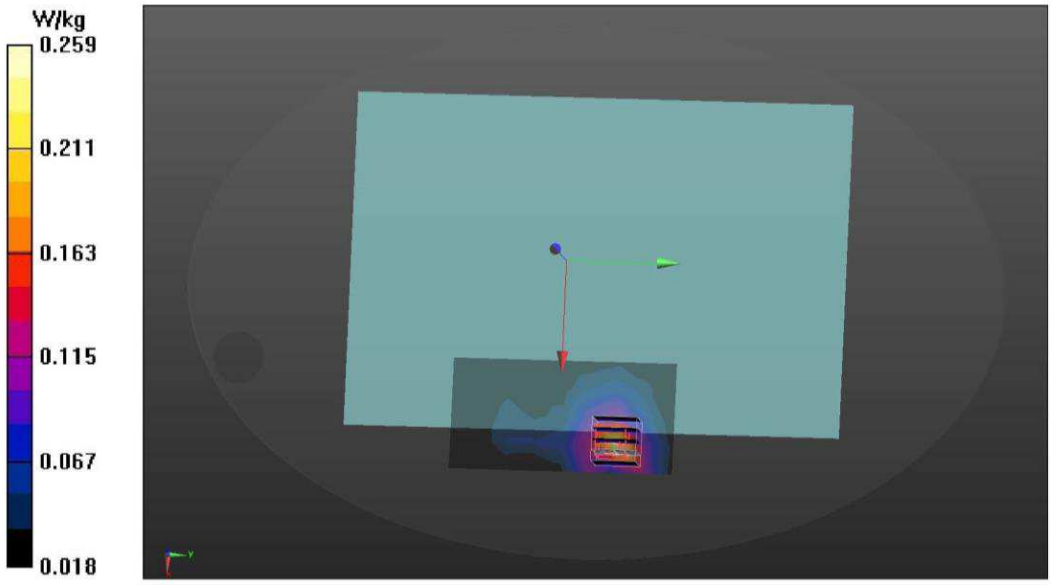
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.260 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.692 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 0.259 W/kg



file:///C:/Users/USER/Desktop/report%20data/P3%20802.11b%20CH7%202442MHz%20ant1%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P14 802.11b CH7 2442MHz ant2 Bottom

DUT: 16Z90Q(INPAQ)

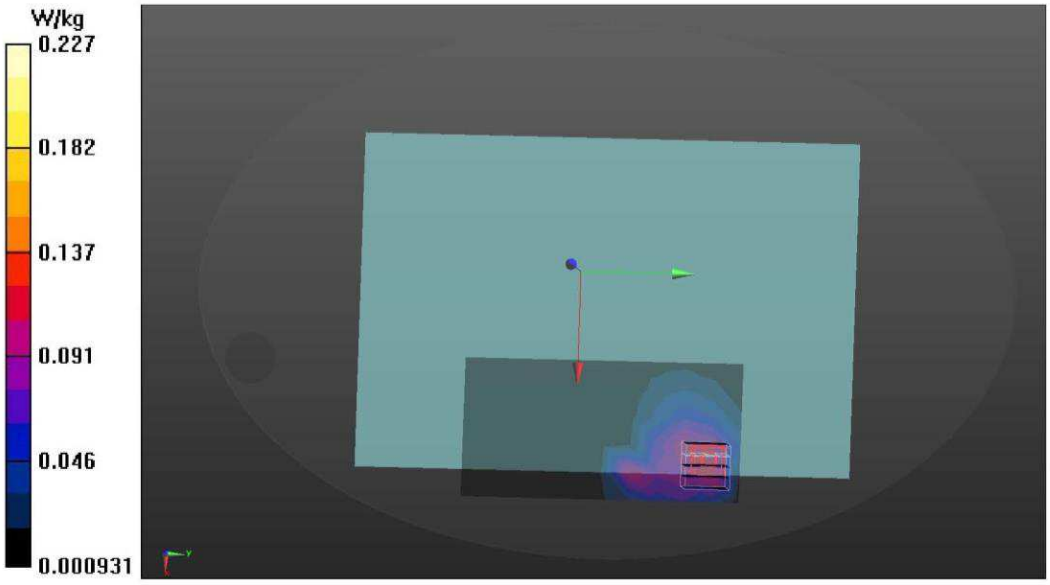
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.756 S/m; ε_r = 37.56; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.121 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.159 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.0639 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 45.5%
Maximum value of SAR (measured) = 0.227 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P4 802.11b CH7 2442MHz ant2 Screen

DUT: 16Z90Q(INPAQ)

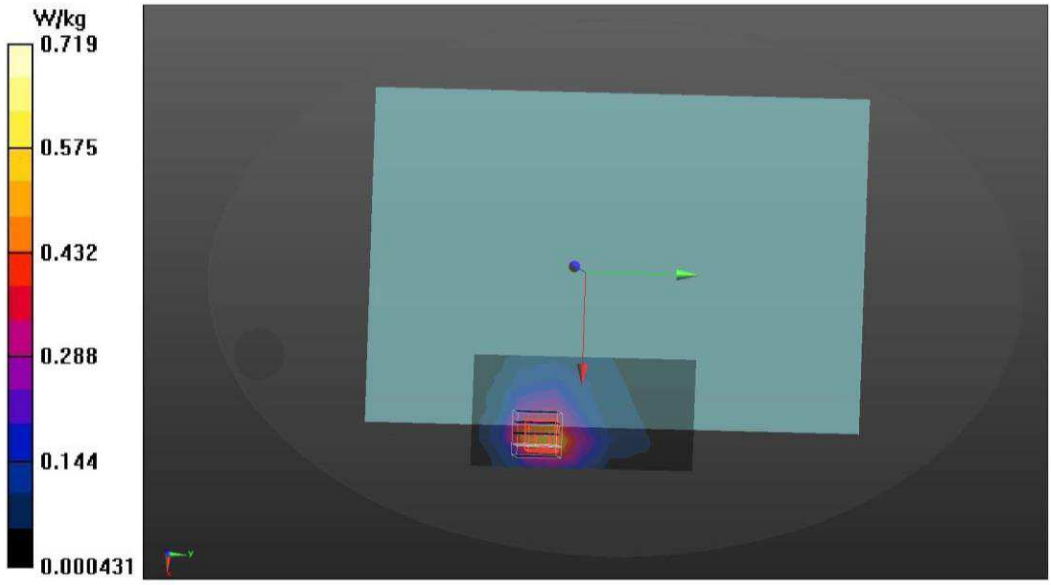
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.756 S/m; ε_r = 37.56; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.579 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.440 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.278 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 0.719 W/kg



file:///C:/Users/USER/Desktop/report%20data/P4%20802.11b%20CH7%202442MHz%20ant2%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P14 802.11b CH11 2462MHz ant2 Bottom

DUT: 16Z90Q(INPAQ)

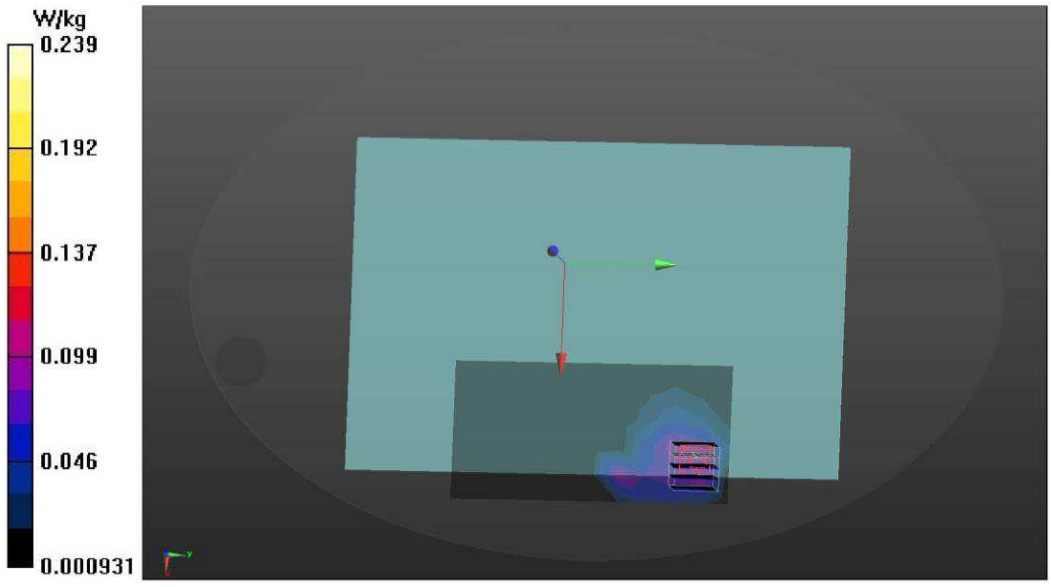
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.135 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm Reference Value = 1.166 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.0647 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 46.1%
Maximum value of SAR (measured) = 0.239 W/kg



file:///C:/Users/USER/Desktop/report%20data/P14%20802.11b%20CH7%202442MHz%20ant2%...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P4 802.11b CH11 2462MHz ant2 Screen

DUT: 16Z90Q(INPAQ)

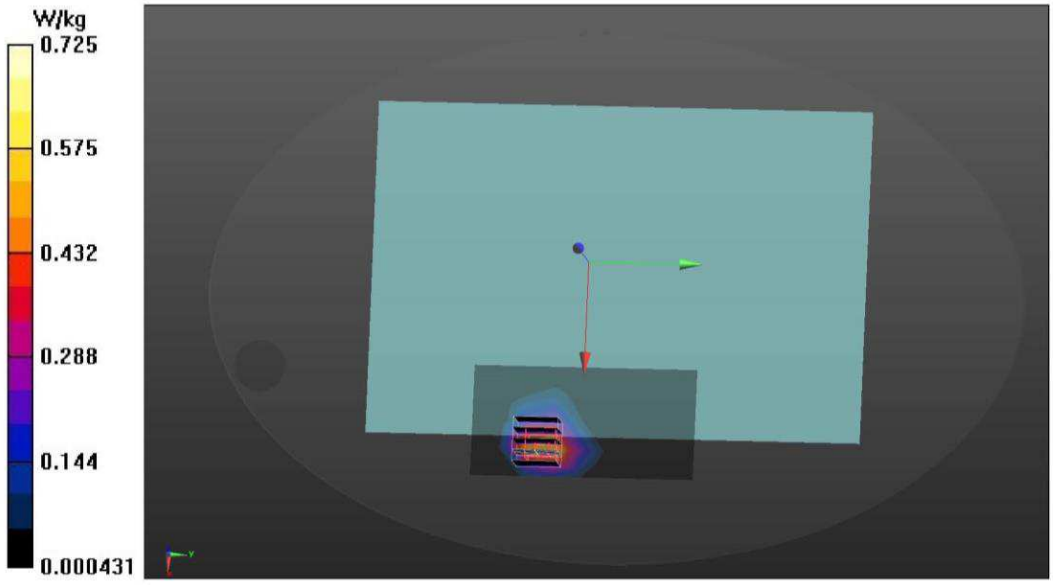
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.585 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
dz=5mm Reference Value = 2.451 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.282 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 0.725 W/kg



file:///C:/Users/USER/Desktop/report%20data/P4%20802.11b%20CH7%202442MHz%20ant2%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P15 GFSK CH39 2441MHz Bottom

DUT: 16Z90Q(INPAQ)

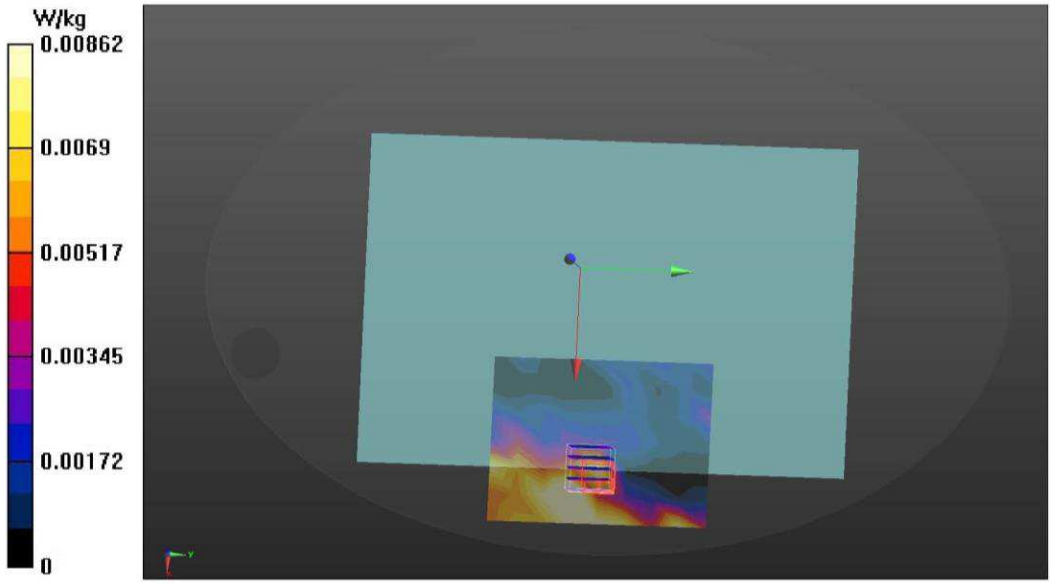
Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.755 S/m; ε_r = 37.562; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2441 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0116 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.8544 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00583 W/kg; SAR(10 g) = 0.00335 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.2%
Maximum value of SAR (measured) = 0.00862 W/kg



file:///C:/Users/USER/Desktop/report%20data/P15%20GFSK%20CH39%202441MHz%20Botto...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/11/2022

Test Laboratory: Audix_SAR Lab

P5 GFSK CH39 2441MHz Screen

DUT: 16Z90Q(INPAQ)

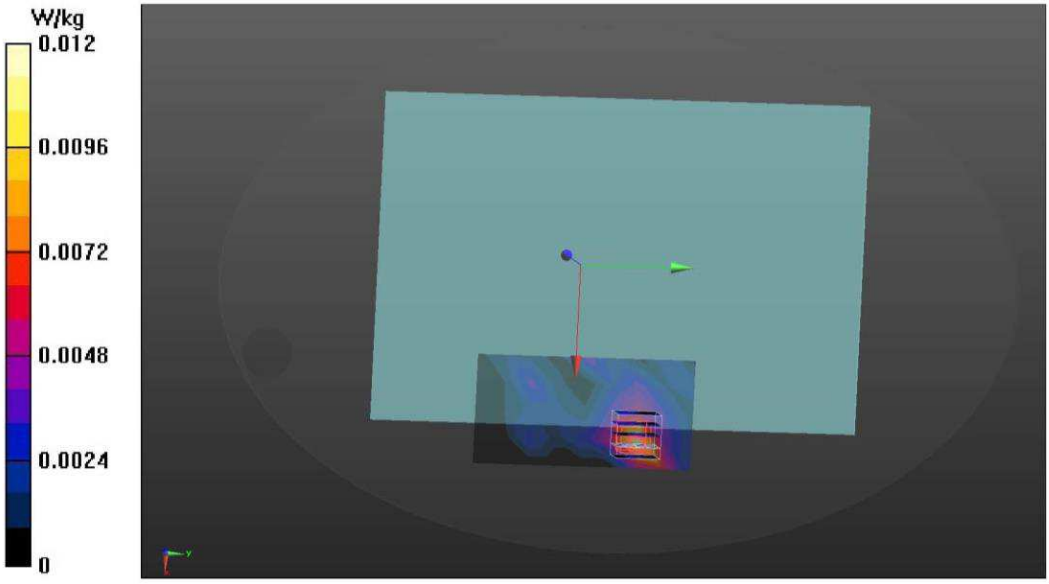
Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.755 S/m; ε_r = 37.562; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2441 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0119 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9290 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.00856 W/kg; SAR(10 g) = 0.00342 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.4%
Maximum value of SAR (measured) = 0.0120 W/kg



file:///C:/Users/USER/Desktop/report%20data/P5%20GFSK%20CH39%202441MHz%20Screen-...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P15 GFSK CH78 2480MHz Bottom

DUT: 16Z90Q(INPAQ)

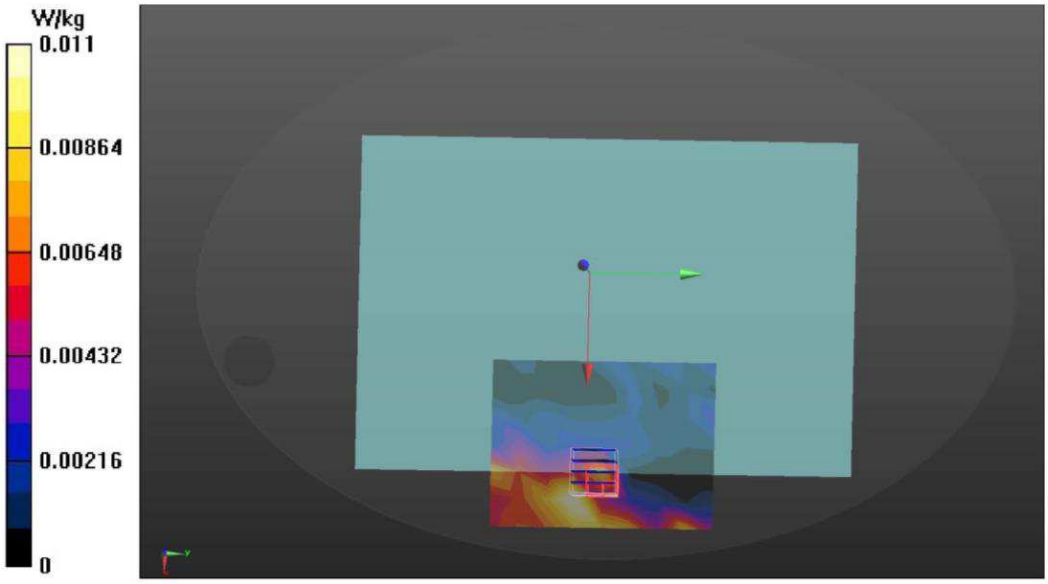
Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2480 MHz; σ = 1.807 S/m; ε_r = 37.52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0125 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.8768 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0142 W/kg
SAR(1 g) = 0.00594 W/kg; SAR(10 g) = 0.00347 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.7%
Maximum value of SAR (measured) = 0.0111 W/kg



file:///C:/Users/USER/Desktop/report%20data/P15%20GFSK%20CH39%202441MHz%20Botto...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P5 GFSK CH78 2480MHz Screen

DUT: 16Z90Q(INPAQ)

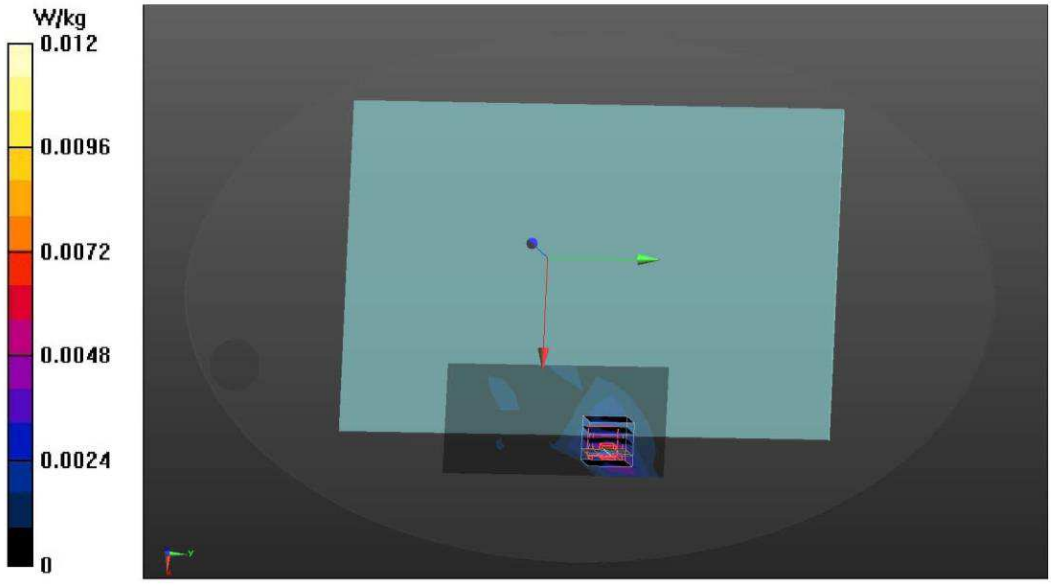
Communication System: UID 0, BT (0); Frequency: 2480 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2480 MHz; σ = 1.807 S/m; ε_r = 37.52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0137 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9470 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0199 W/kg
SAR(1 g) = 0.00892 W/kg; SAR(10 g) = 0.00356 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 78.4%
Maximum value of SAR (measured) = 0.0124 W/kg



file:///C:/Users/USER/Desktop/report%20data/P5%20GFSK%20CH39%202441MHz%20Screen-...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P13 802.11b CH7 2442MHz ant1 Bottom

DUT: 16Z90Q(Luxshare)

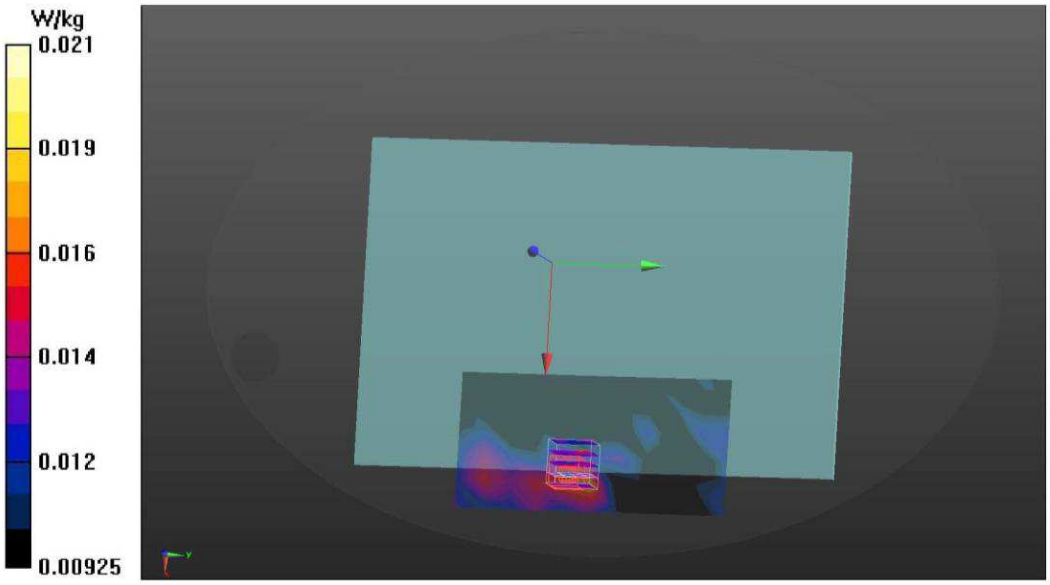
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.758 S/m; ε_r = 38.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0176 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.085 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.0169 W/kg; SAR(10 g) = 0.0143 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.2%
Maximum value of SAR (measured) = 0.0211 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P3 802.11b CH7 2442MHz ant1 Screen

DUT: 16Z90Q(Luxshare)

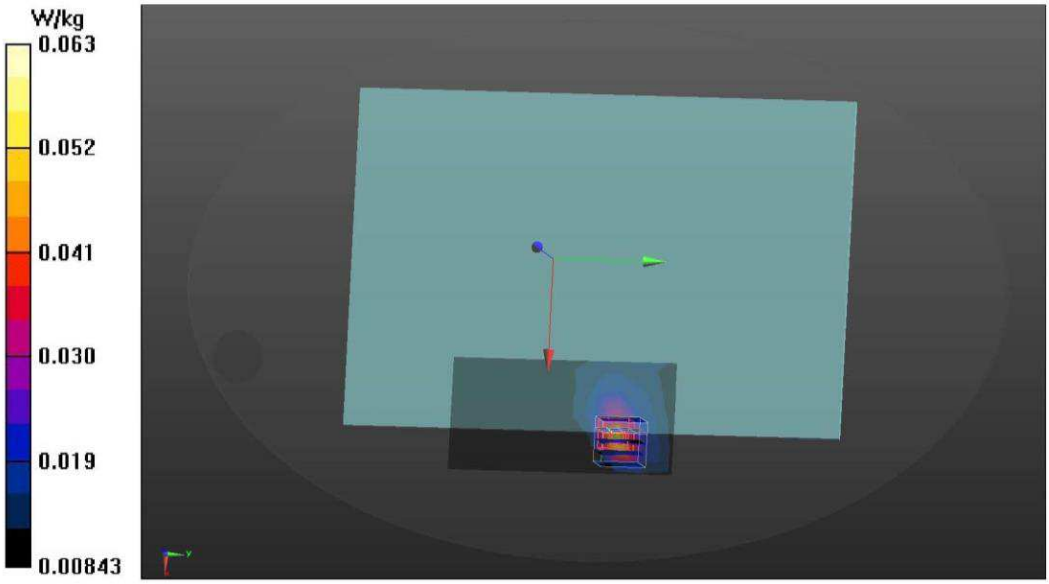
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.758 S/m; ε_r = 38.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0577 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.575 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.0485 W/kg; SAR(10 g) = 0.0272 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60.9%
Maximum value of SAR (measured) = 0.0626 W/kg



file:///C:/Users/USER/Desktop/report%20data/P3%20802.11b%20CH7%202442MHz%20ant1%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P13 802.11b CH11 2462MHz ant1 Bottom

DUT: 16Z90Q(Luxshare)

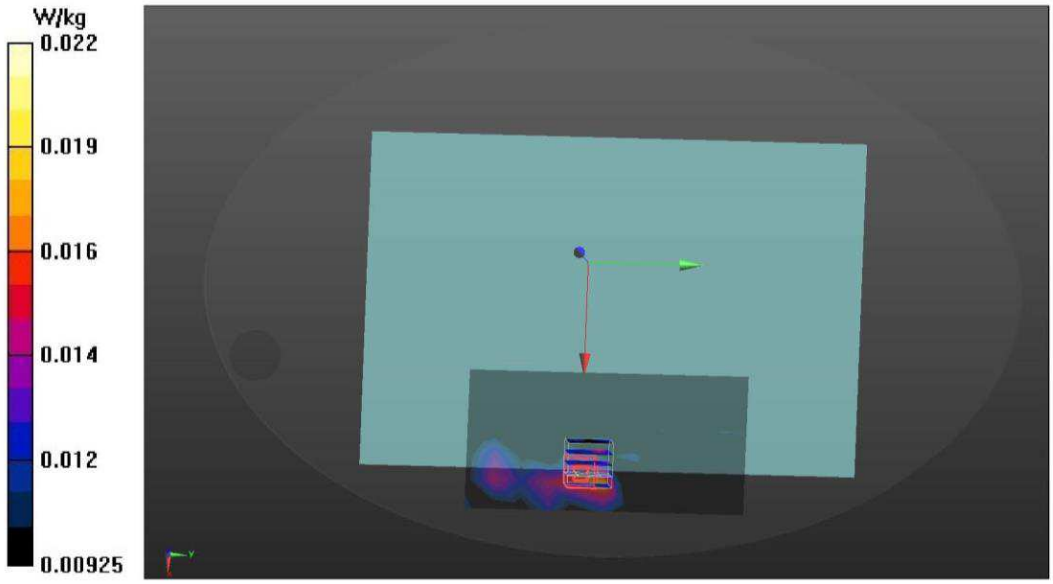
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0188 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.094 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0290 W/kg
SAR(1 g) = 0.0181 W/kg; SAR(10 g) = 0.0155 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.2%
Maximum value of SAR (measured) = 0.0223 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P3 802.11b CH11 2462MHz ant1 Screen

DUT: 16Z90Q(Luxshare)

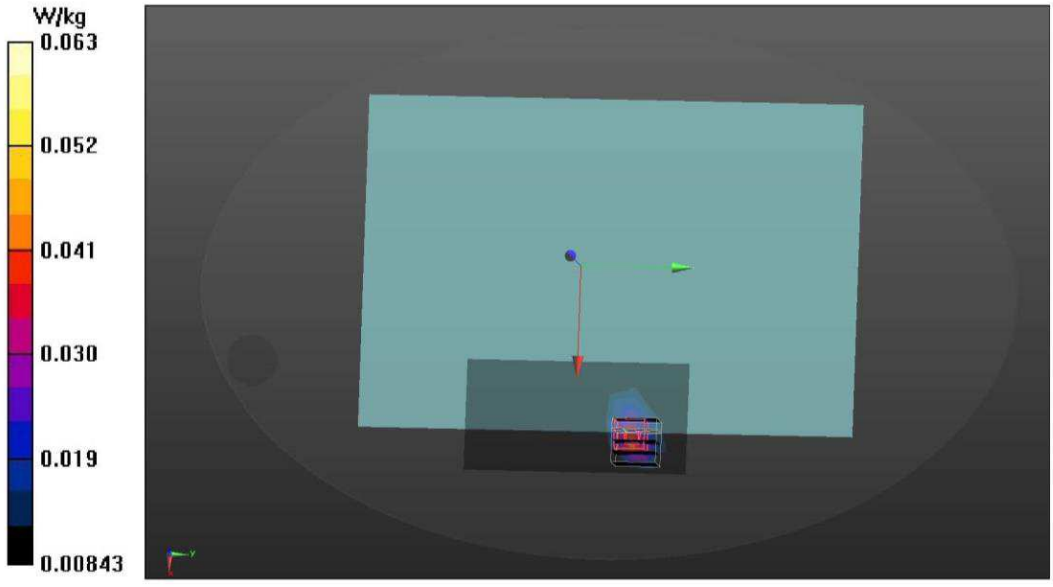
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0589 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.598 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0970 W/kg
SAR(1 g) = 0.0495 W/kg; SAR(10 g) = 0.0279 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 0.0634 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P14 802.11b CH7 2442MHz ant2 Bottom

DUT: 16Z90Q(Luxshare)

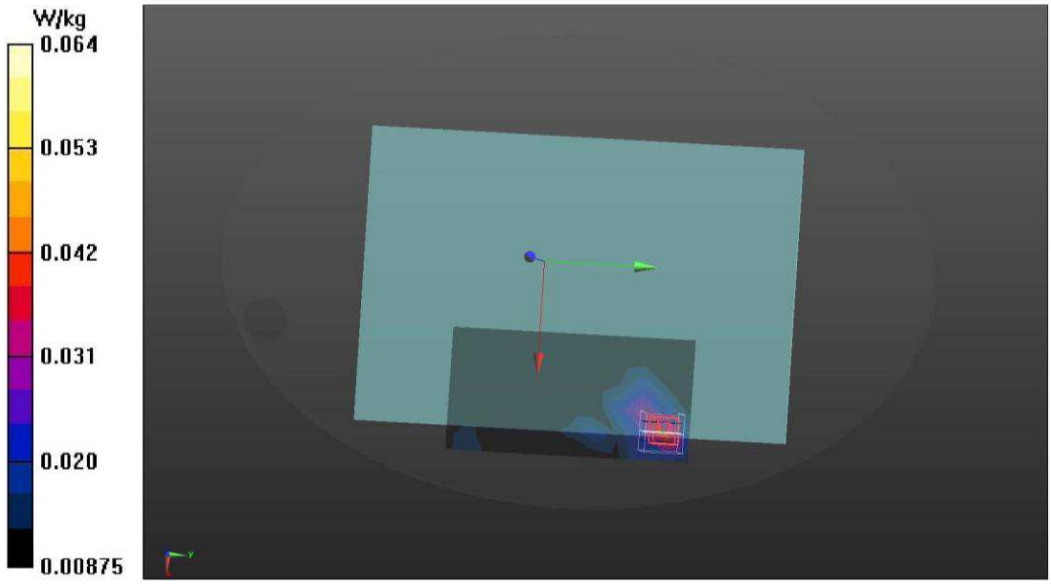
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.758 S/m; ε_r = 38.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0427 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.602 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.0478 W/kg; SAR(10 g) = 0.026 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.3%
Maximum value of SAR (measured) = 0.0638 W/kg



file:///C:/Users/USER/Desktop/report%20data/P14%20802.11b%20CH7%202442MHz%20ant2%...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P4 802.11b CH7 2442MHz ant2 Screen

DUT: 16Z90Q(Luxshare)

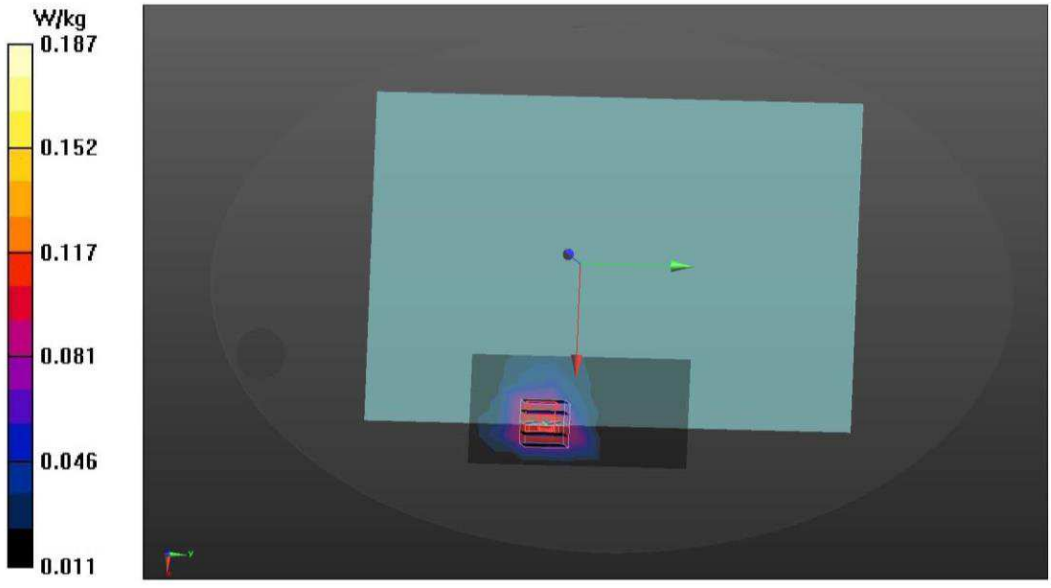
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz;Duty Cycle:1:1
Medium parameters used: f = 2442 MHz; σ = 1.758 S/m; ε_r = 38.623; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2442 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.114 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.463 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.0697 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 57.6%
Maximum value of SAR (measured) = 0.187 W/kg



file:///C:/Users/USER/Desktop/report%20data/P4%20802.11b%20CH7%202442MHz%20ant2%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P14 802.11b CH11 2462MHz ant2 Bottom

DUT: 16Z90Q(Luxshare)

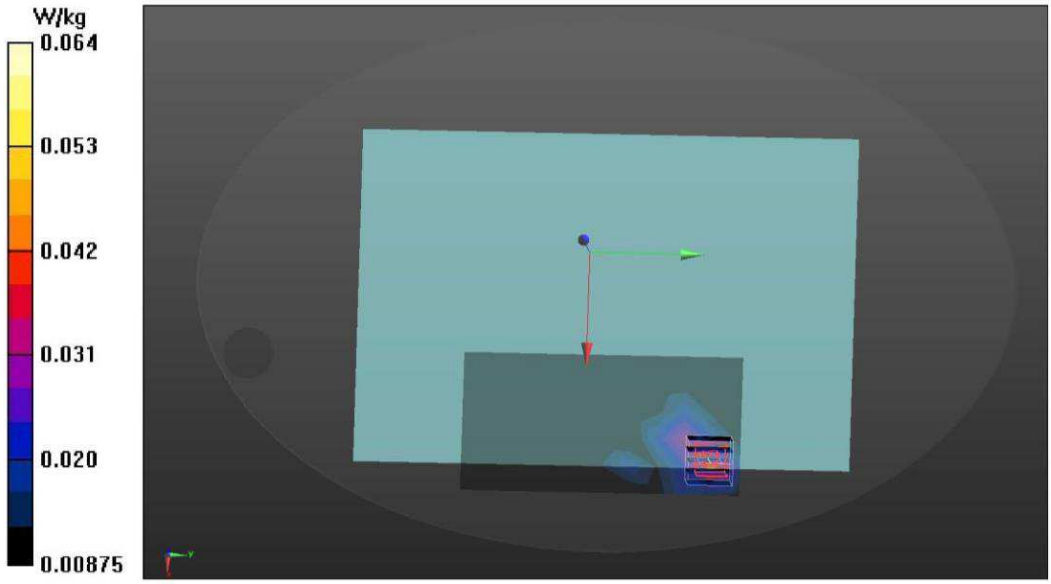
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (6x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0458 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.566 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.0494 W/kg; SAR(10 g) = 0.0282 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 0.0644 W/kg



file:///C:/Users/USER/Desktop/report%20data/P14%20802.11b%20CH7%202442MHz%20ant2%...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 6/22/2022

Test Laboratory: Audix_SAR Lab

P4 802.11b CH11 2462MHz ant2 Screen

DUT: 16Z90Q(Luxshare)

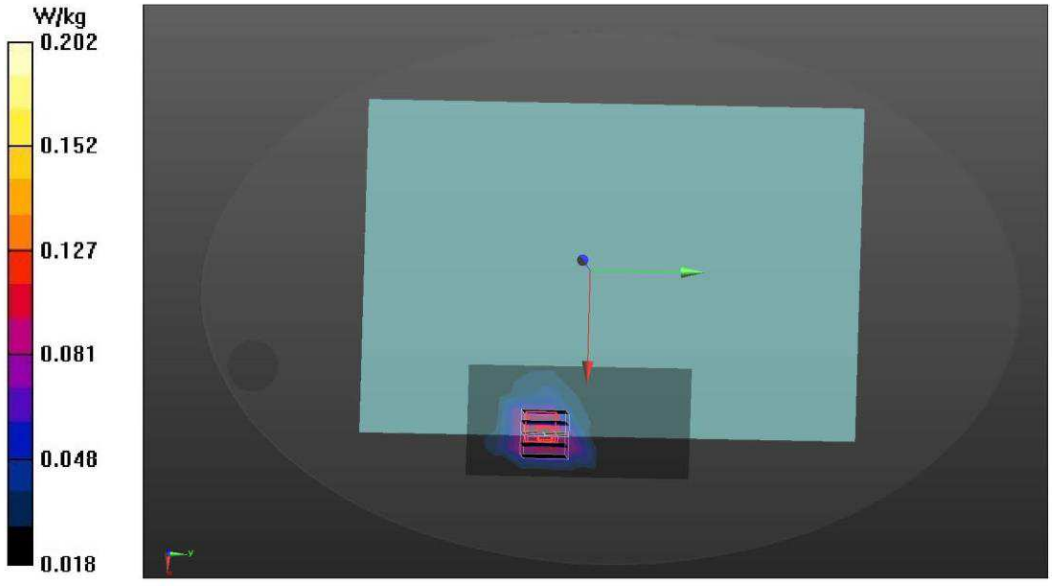
Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2462 MHz;Duty Cycle:1:1
Medium parameters used: f = 2462 MHz; σ = 1.782 S/m; ε_r = 37.525; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2462 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (5x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.117 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.492 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.0711 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 0.202 W/kg



file:///C:/Users/USER/Desktop/report%20data/P4%20802.11b%20CH7%202442MHz%20ant2%2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P15 GFSK CH39 2441MHz Bottom

DUT: 16Z90Q(Luxshare)

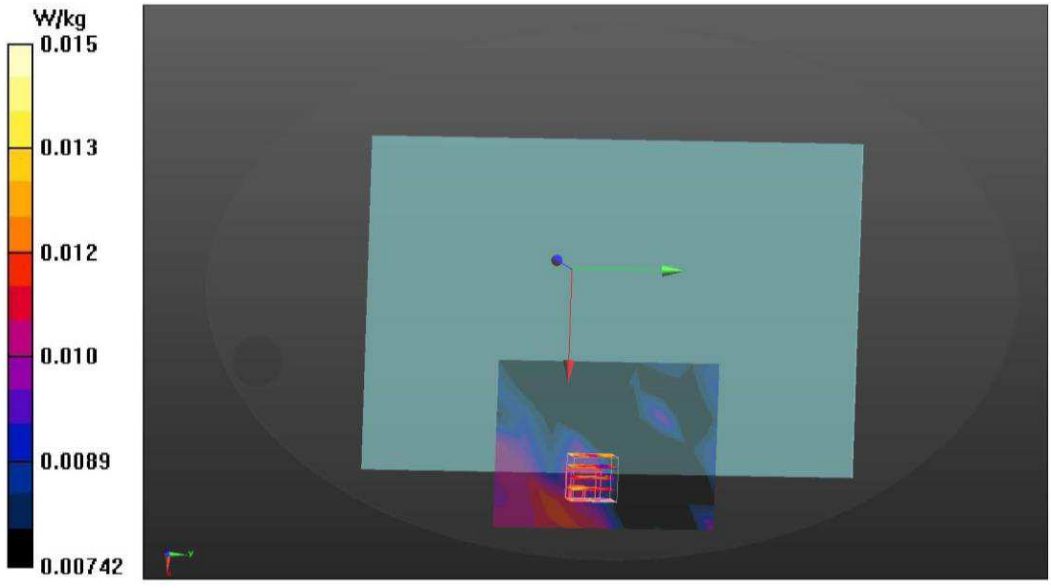
Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.757 S/m; ε_r = 38.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2441 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0117 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.202 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.0131 W/kg; SAR(10 g) = 0.0121 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.5%
Maximum value of SAR (measured) = 0.0148 W/kg



file:///C:/Users/USER/Desktop/report%20data/P15%20GFSK%20CH39%202441MHz%20Botto...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P5 GFSK CH39 2441MHz Screen

DUT: 16Z90Q(Luxshare)

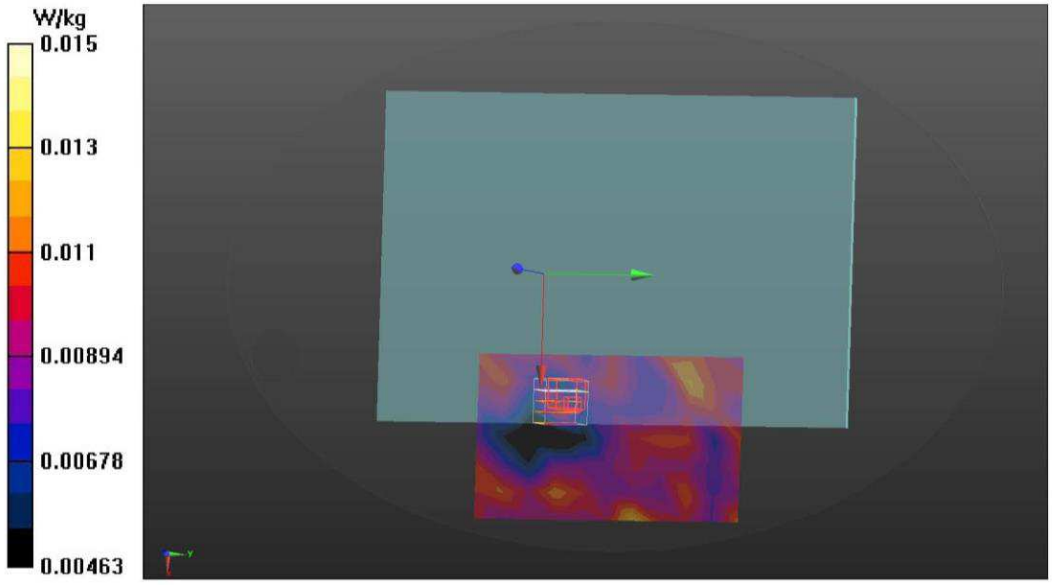
Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.757 S/m; ε_r = 38.625; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2441 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0131 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.569 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.0134 W/kg; SAR(10 g) = 0.0117 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 95.5%
Maximum value of SAR (measured) = 0.0154 W/kg



file:///C:/Users/USER/Desktop/report%20data/P5%20GFSK%20CH39%202441MHz%20Screen-...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P15 GFSK CH78 2480MHz Bottom

DUT: 16Z90Q(Luxshare)

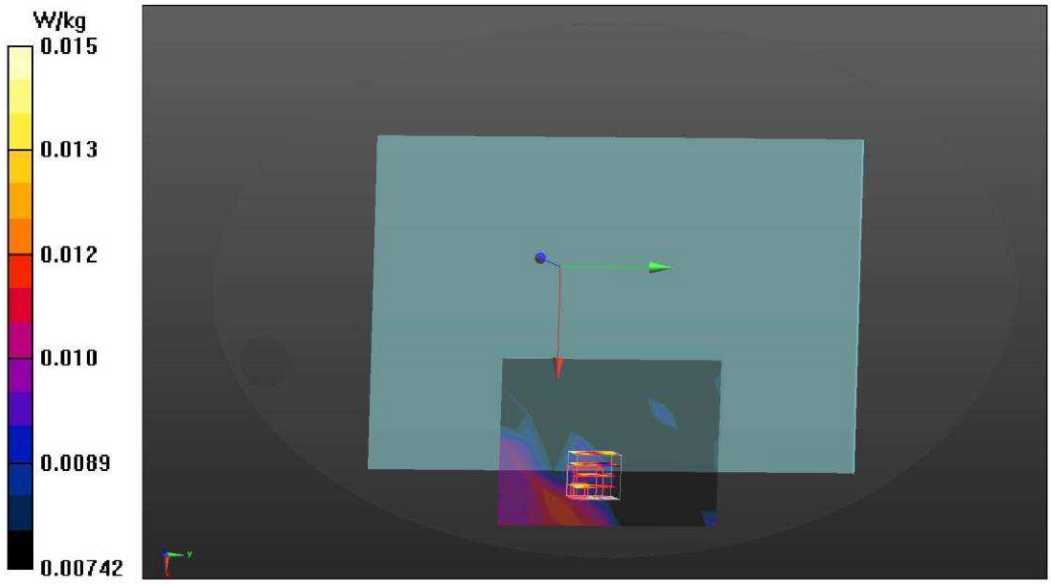
Communication System: UID 0, BT (0); Frequency: 2480 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2480 MHz; σ = 1.807 S/m; ε_r = 37.52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x9x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0135 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.412 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.0136 W/kg; SAR(10 g) = 0.0114 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.1%
Maximum value of SAR (measured) = 0.0153 W/kg



file:///C:/Users/USER/Desktop/report%20data/P15%20GFSK%20CH39%202441MHz%20Botto...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/26/2022

Test Laboratory: Audix_SAR Lab

P5 GFSK CH78 2480MHz Screen

DUT: 16Z90Q(Luxshare)

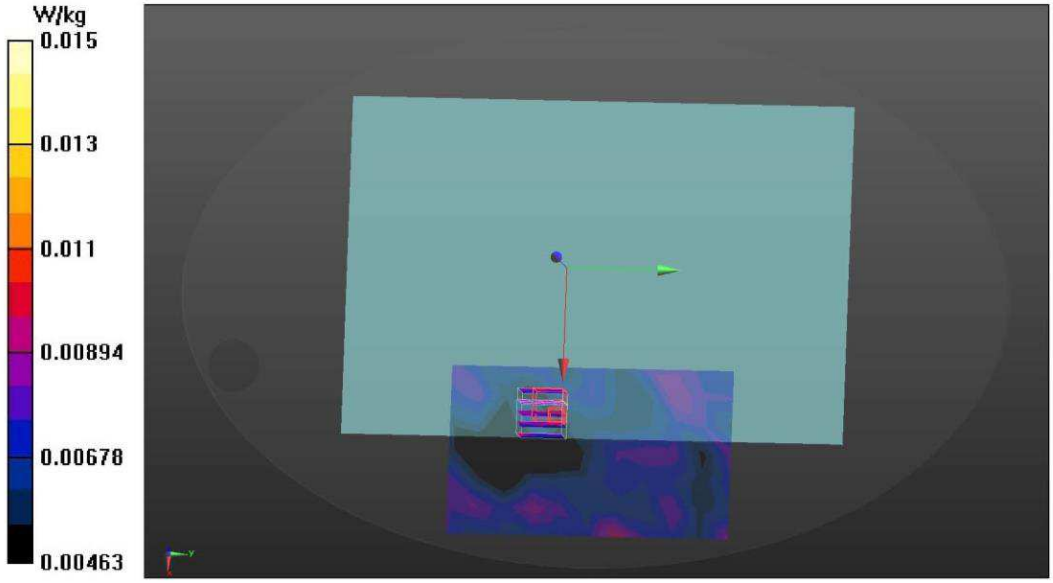
Communication System: UID 0, BT (0); Frequency: 2480 MHz;Duty Cycle:1:1.3
Medium parameters used: f = 2480 MHz; σ = 1.807 S/m; ε_r = 37.52; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(7.7, 7.7, 7.7) @ 2480 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x11x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.0137 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.517 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.0139 W/kg; SAR(10 g) = 0.0111 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 92.5%
Maximum value of SAR (measured) = 0.015 W/kg



file:///C:/Users/USER/Desktop/report%20data/P5%20GFSK%20CH39%202441MHz%20Screen-...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

WiFi 5G

Test SKU: SKU #1 (with INPAQ Antenna)

Date: 5/12/2022

Test Laboratory: Audix_SAR Lab

P11 802.11a CH149 5745MHz ant1 Bottom

DUT: 16Z90Q(INPAQ)

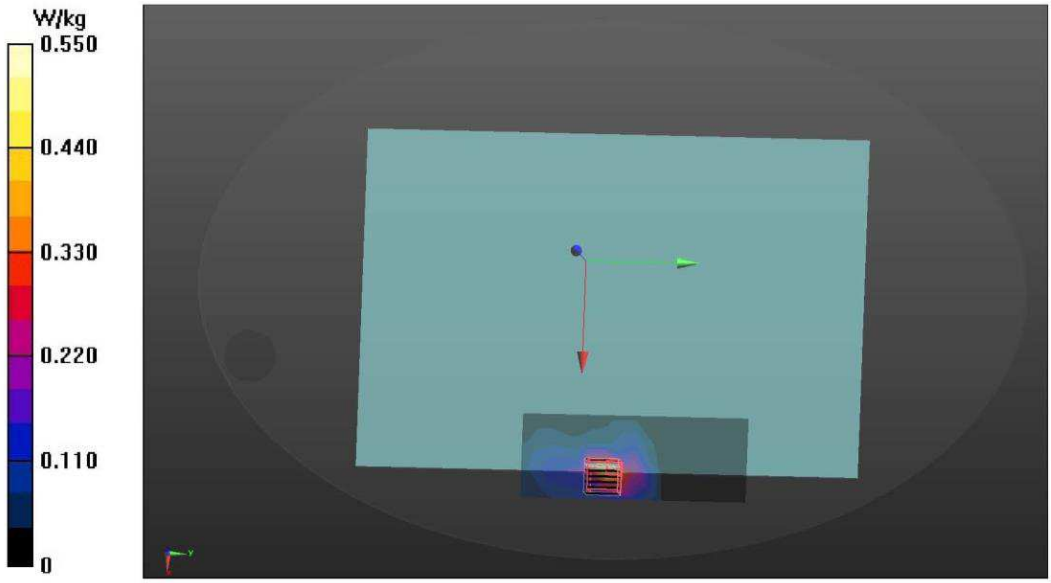
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.426 S/m; ε_r = 34.722; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.458 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.015 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.0804 W/kg
Smallest distance from peaks to all points 3 dB below = 10.5 mm
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 0.550 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/12/2022

Test Laboratory: Audix_SAR Lab

P1 802.11a CH149 5745MHz ant1 Screen

DUT: 16Z90Q(INPAQ)

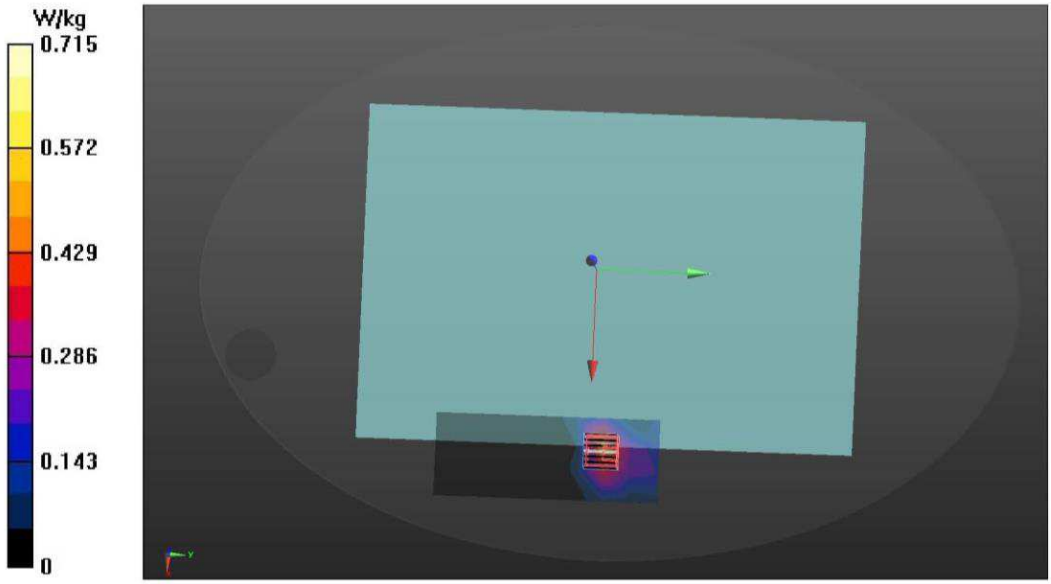
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.426 S/m; ε_r = 34.722; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.535 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.279 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.117 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 44.9%
Maximum value of SAR (measured) = 0.715 W/kg



file:///C:/Users/USER/Desktop/report%20data/P1%20802.11a%20CH149%205745MHz%20ant1...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/12/2022

Test Laboratory: Audix_SAR Lab

P12 802.11a CH149 5745MHz ant2 Bottom

DUT: 16Z90Q(INPAQ)

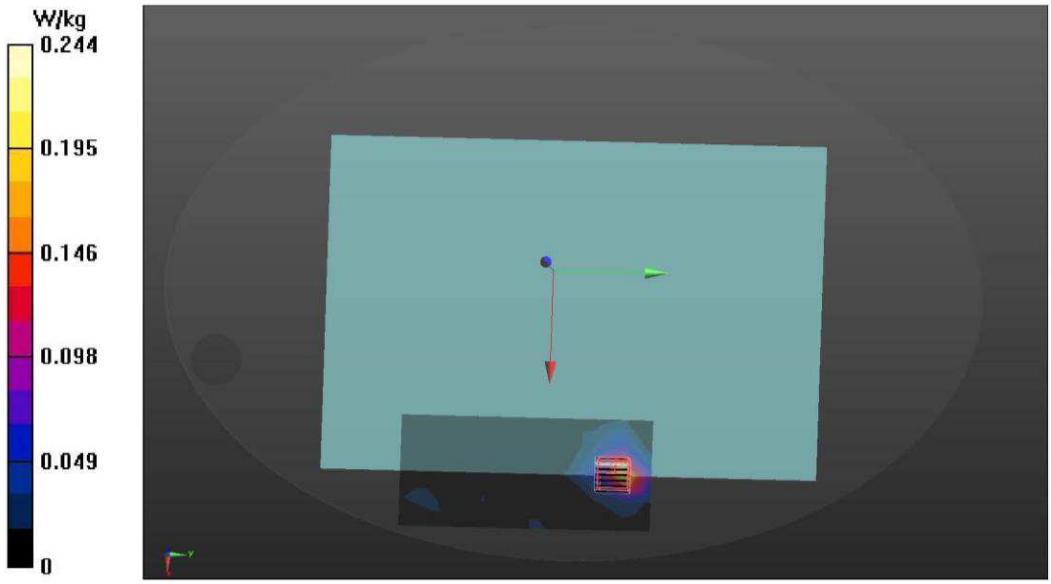
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.426 S/m; ε_r = 34.722; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.208 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.366 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.0358 W/kg
Smallest distance from peaks to all points 3 dB below = 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 47.3%
Maximum value of SAR (measured) = 0.244 W/kg



file:///C:/Users/USER/Desktop/report%20data/P12%20802.11a%20CH149%205745MHz%20ant...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/12/2022

Test Laboratory: Audix_SAR Lab

P2 802.11a CH149 5745MHz ant2 Screen

DUT: 16Z90Q(INPAQ)

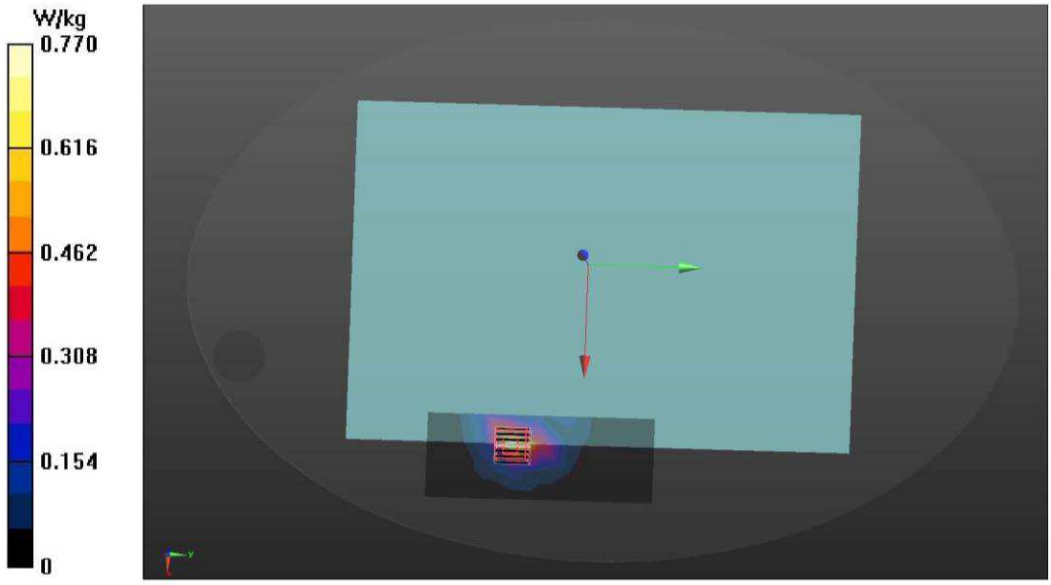
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.426 S/m; ε_r = 34.722; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.743 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8590 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.141 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.2%
Maximum value of SAR (measured) = 0.770 W/kg



file:///C:/Users/USER/Desktop/report%20data/P2%20802.11a%20CH149%205745MHz%20ant2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)

Date: 5/25/2022

Test Laboratory: Audix_SAR Lab

P11 802.11a CH149 5745MHz ant1 Bottom

DUT: 16Z90Q(Luxshare)

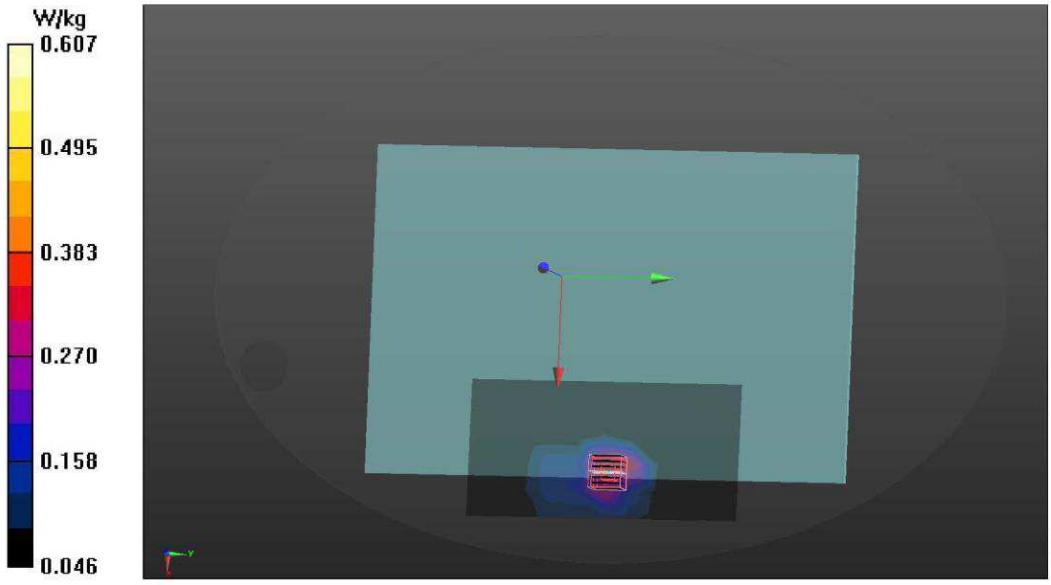
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.45 S/m; ε_r = 35.921; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (11x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.363 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.925 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.161 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 48.2%
Maximum value of SAR (measured) = 0.607 W/kg



This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/25/2022

Test Laboratory: Audix_SAR Lab

P1 802.11a CH149 5745MHz ant1 Screen

DUT: 16Z90Q(Luxshare)

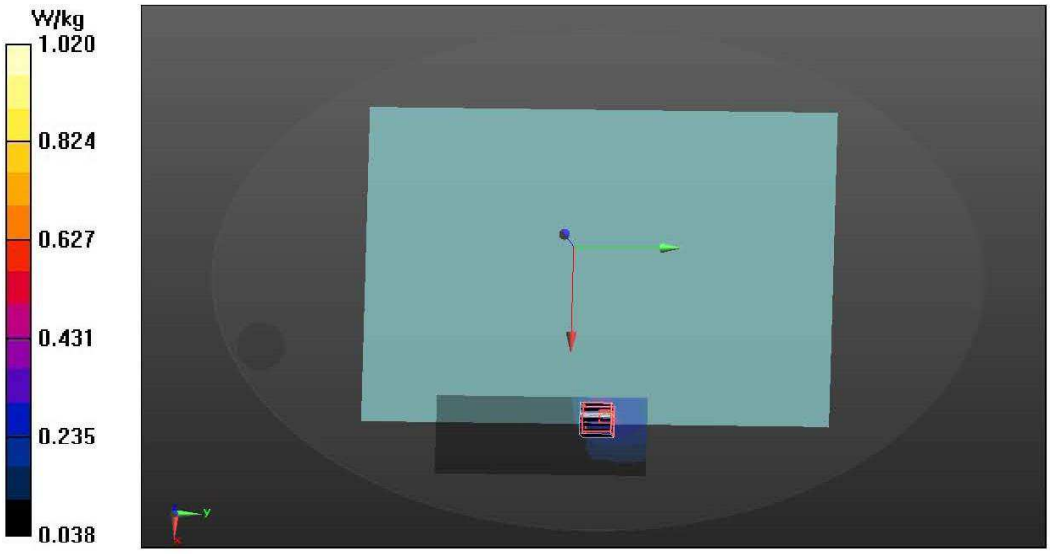
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.45 S/m; ε_r = 35.921; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (7x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.346 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.412 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.200 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 46.5%
Maximum value of SAR (measured) = 1.02 W/kg



file:///C:/Users/USER/Desktop/report%20data/P1%20802.11a%20CH149%205745MHz%20ant1...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/25/2022

Test Laboratory: Audix_SAR Lab

P12 802.11a CH149 5745MHz ant2 Bottom

DUT: 16Z90Q(Luxshare)

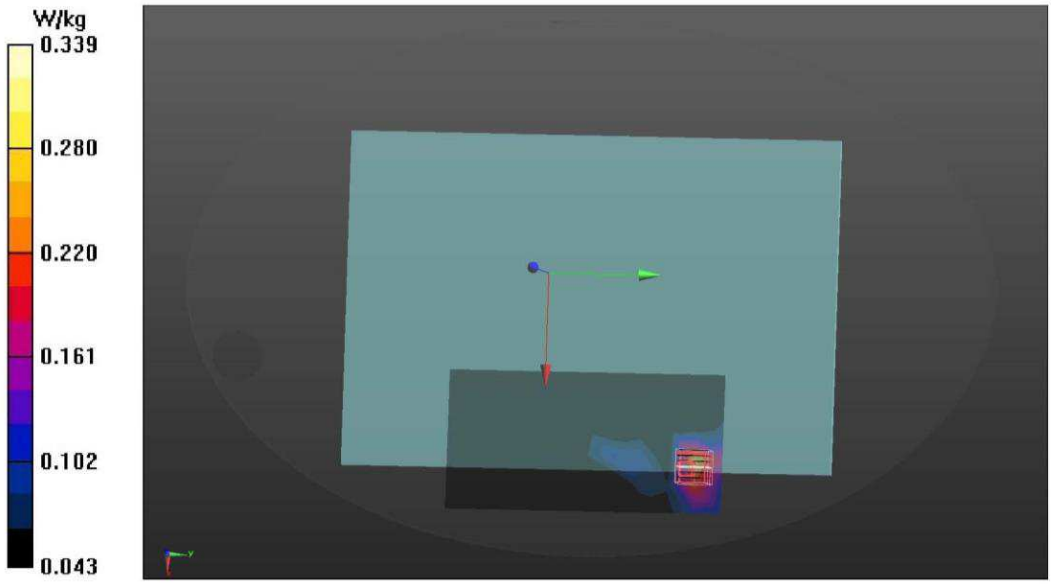
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.45 S/m; ε_r = 35.921; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (11x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.270 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.574 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.112 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.339 W/kg



file:///C:/Users/USER/Desktop/report%20data/P12%20802.11a%20CH149%205745MHz%20ant...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244,Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Date: 5/25/2022

Test Laboratory: Audix_SAR Lab

P2 802.11a CH149 5745MHz ant2 Screen

DUT: 16Z90Q(Luxshare)

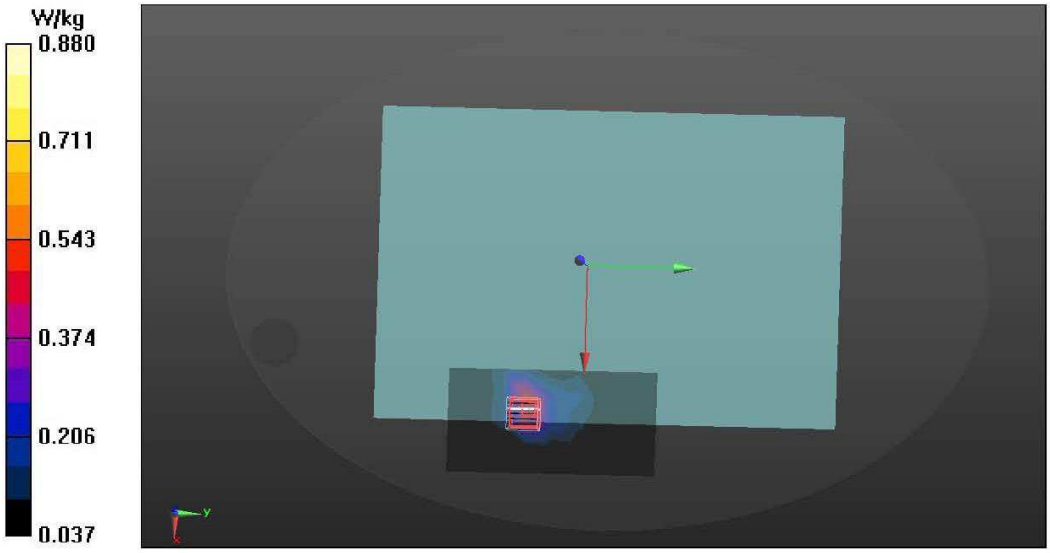
Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz;Duty Cycle:1:1
Medium parameters used: f = 5745 MHz; σ = 5.45 S/m; ε_r = 35.921; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1337; Calibrated: 3/29/2022
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1170
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (9x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.518 W/kg

Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.203 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.182 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.880 W/kg



file:///C:/Users/USER/Desktop/report%20data/P2%20802.11a%20CH149%205745MHz%20ant2...

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.