

Test SKU: SKU #1 (with INPAQ Antenna)

Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P13 802.11b CH7 2442MHz ant1 Bottom****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm

Maximum value of SAR (measured) = 0.218 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.688 V/m; Power Drift = 1.26 dB

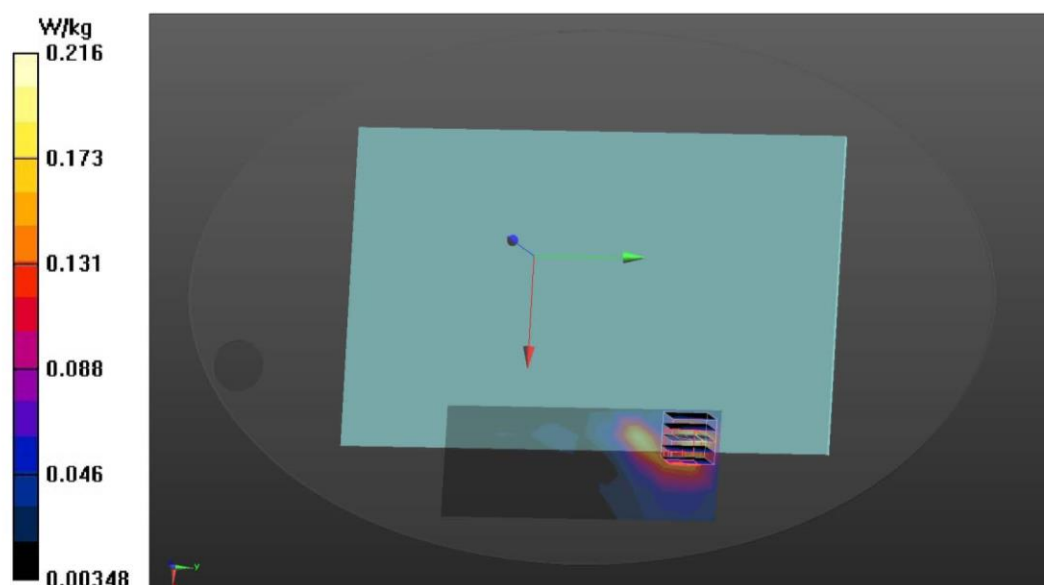
Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.064 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.8%

Maximum value of SAR (measured) = 0.216 W/kg



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Test Laboratory: Audix\_SAR Lab

**P7 802.11b CH7 2442MHz ant1 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.109$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.578 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 2.062 V/m; Power Drift = -0.27 dB

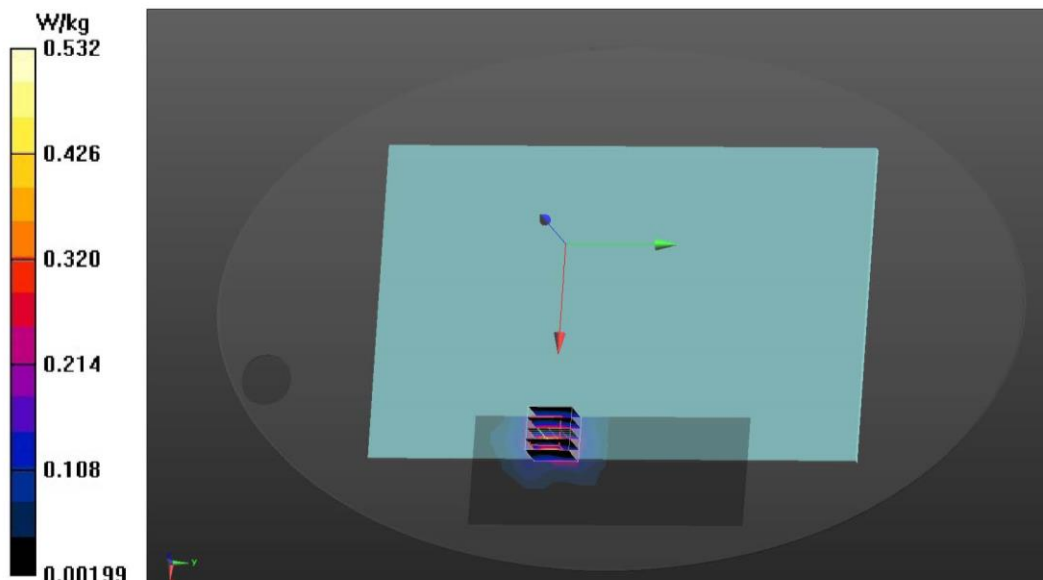
Peak SAR (extrapolated) = 0.774 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.200 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 0.532 W/kg



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**P14 802.11b CH7 2442MHz ant2 Bottom****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm

Maximum value of SAR (measured) = 0.312 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.220 V/m; Power Drift = 1.26 dB

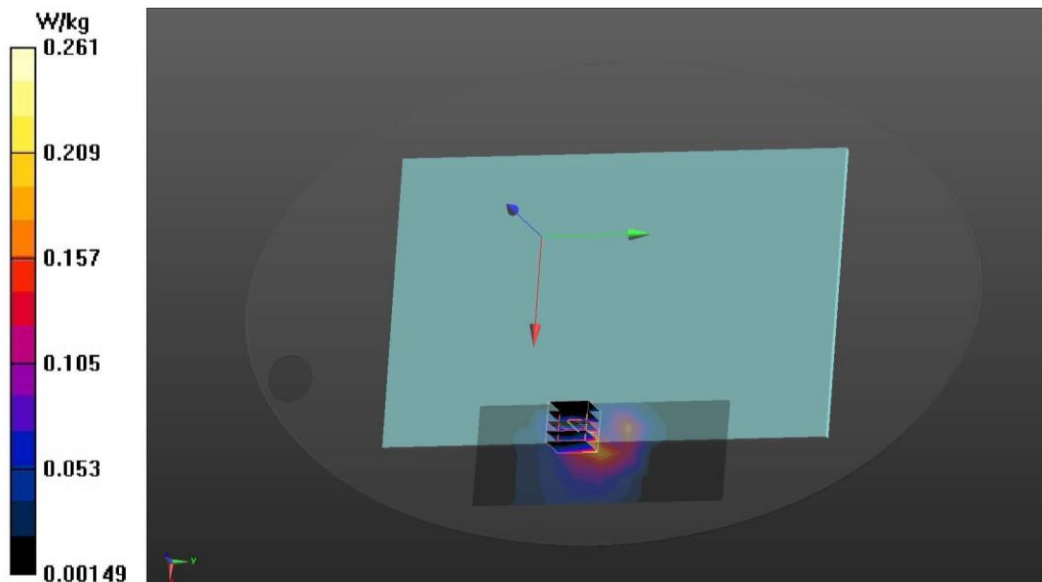
Peak SAR (extrapolated) = 0.463 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.082 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 0.261 W/kg



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Test Laboratory: Audix\_SAR Lab

**P8 802.11b CH7 2442MHz ant2 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.109$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.431 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 2.357 V/m; Power Drift = -0.11 dB

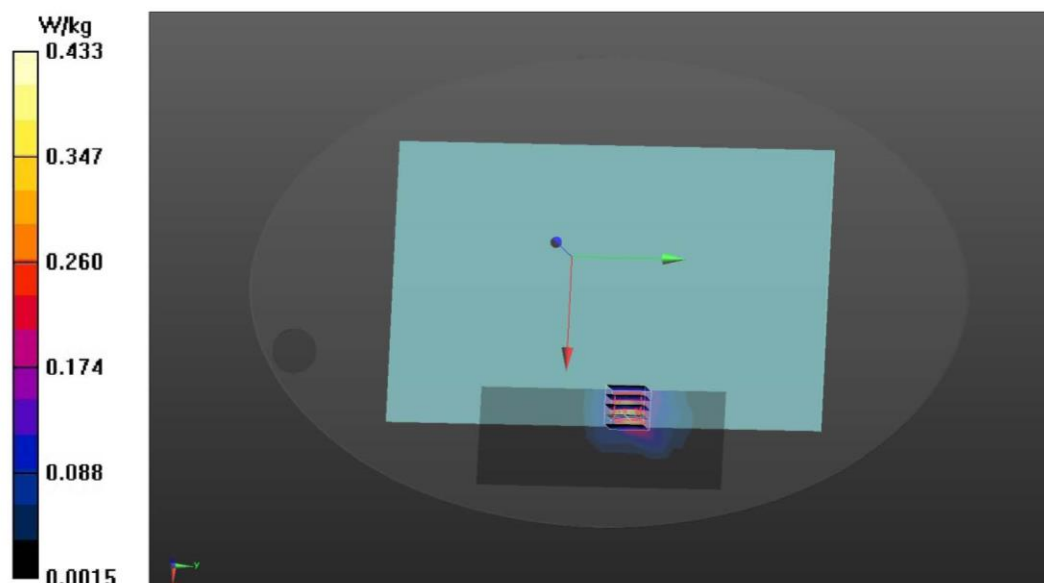
Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.159 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 0.433 W/kg



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**P15 GFSK CH39 2441MHz Bottom****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.849$  S/m;  $\epsilon_r = 39.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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 (5x12x1):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm

Maximum value of SAR (measured) = 0.0226 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 0.6221 V/m; Power Drift = 1.15 dB

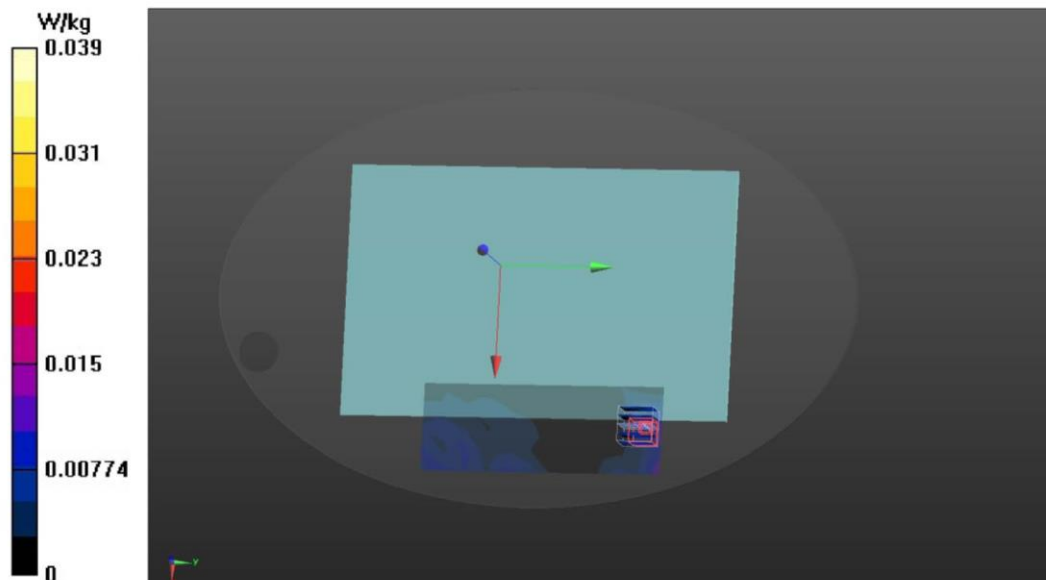
Peak SAR (extrapolated) = 0.0415 W/kg

**SAR(1 g) = 0.00894 W/kg; SAR(10 g) = 0.00382 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 = 51.2%

Maximum value of SAR (measured) = 0.0391 W/kg





Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P9 GFSK CH39 2441MHz Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.849 \text{ S/m}$ ;  $\epsilon_r = 39.103$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.0221 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 1.226 V/m; Power Drift = 0.62 dB

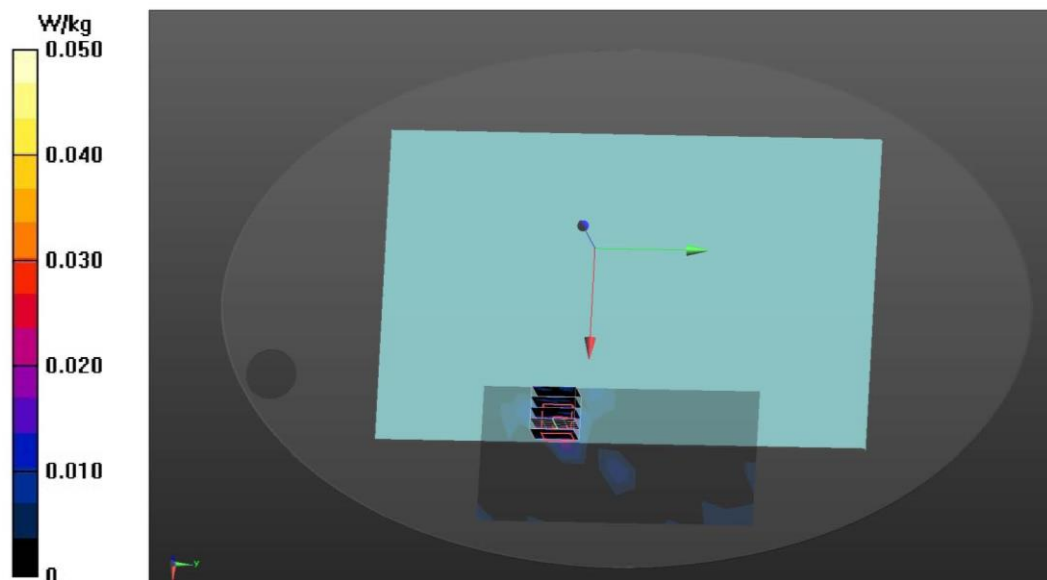
Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00452 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 = 5.2%

Maximum value of SAR (measured) = 0.0501 W/kg



Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P11 802.11a CH48 5260MHz ant1 Bottom****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.821$  S/m;  $\epsilon_r = 36.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (11x23x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.362 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.956 V/m; Power Drift = 1.59 dB

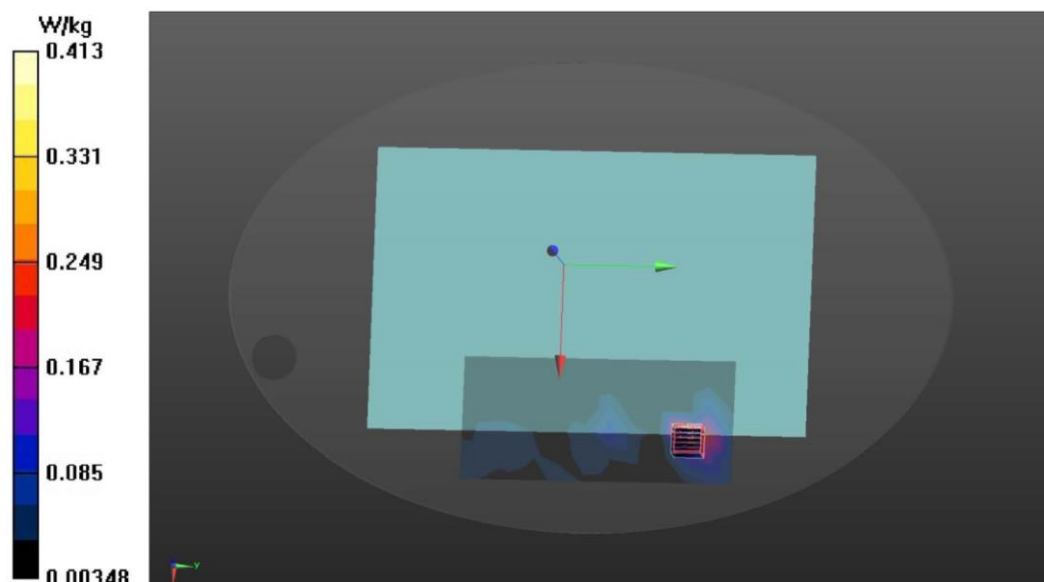
Peak SAR (extrapolated) = 0.955 W/kg

**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.085 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 0.413 W/kg



Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P1 802.11a CH48 5260MHz ant1 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.821 \text{ S/m}$ ;  $\epsilon_r = 36.162$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.774 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.629 V/m; Power Drift = 1.00 dB

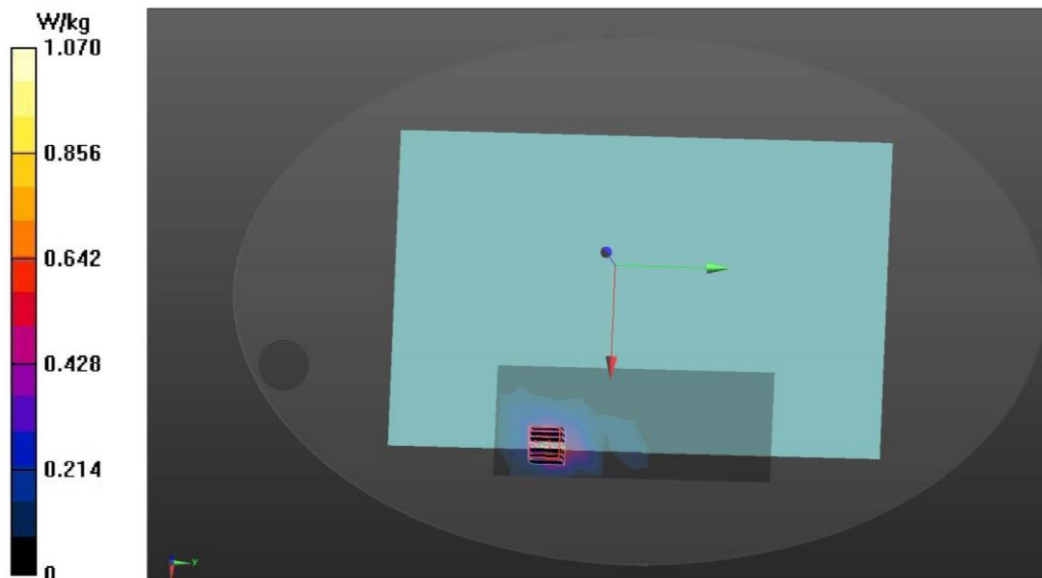
Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.178 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 1.07 W/kg





Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P12 802.11a CH48 5260MHz ant2 Bottom****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.821$  S/m;  $\epsilon_r = 36.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.341 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.066 V/m; Power Drift = 0.66 dB

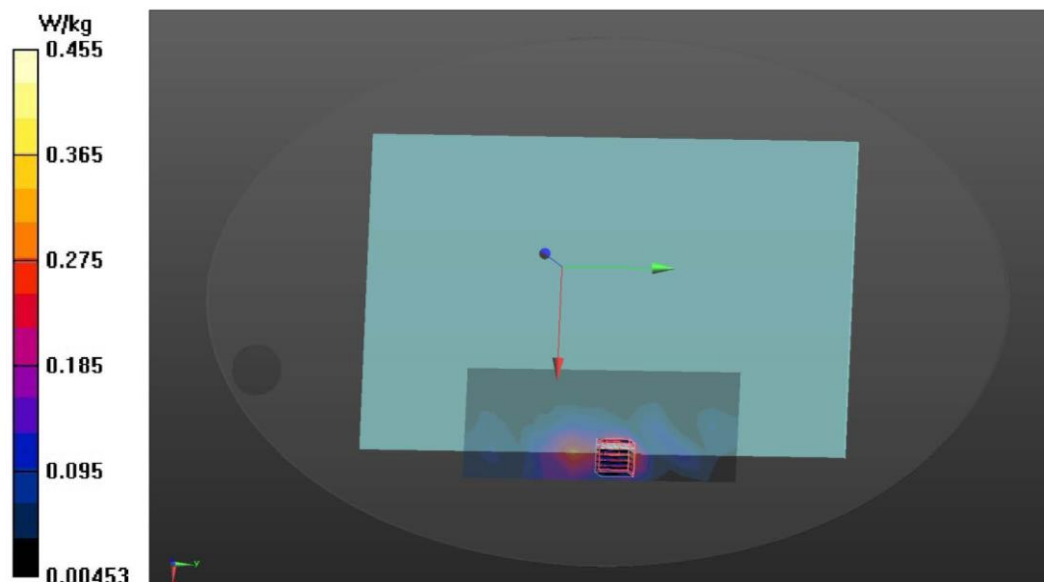
Peak SAR (extrapolated) = 0.848 W/kg

**SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.099 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 0.455 W/kg



Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P2 802.11a CH48 5260MHz ant2 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.821 \text{ S/m}$ ;  $\epsilon_r = 36.162$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

## DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.494 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.905 V/m; Power Drift = 0.52 dB

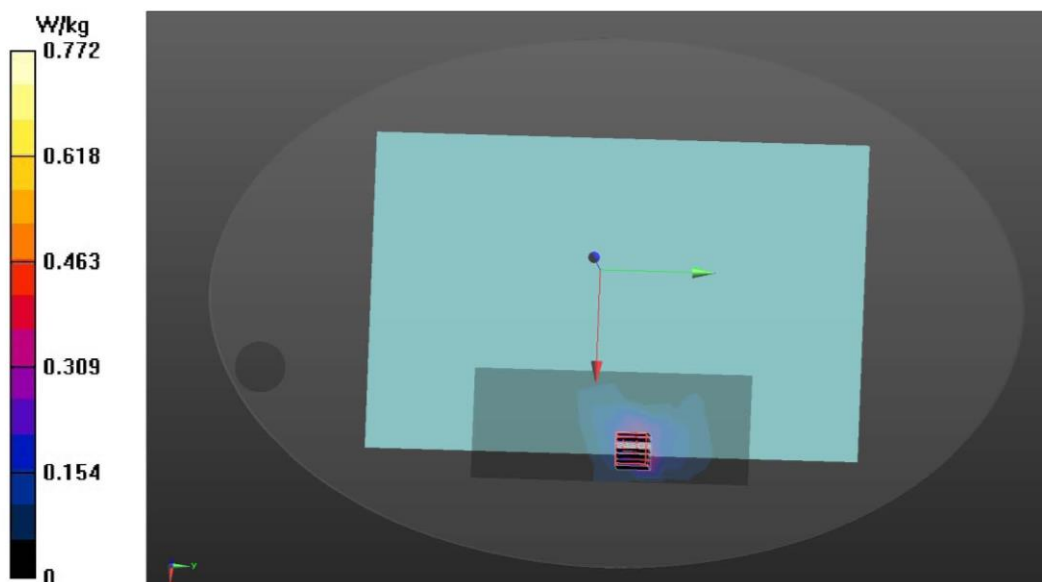
Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.115 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.772 W/kg



Date: 2/8/2022

Test Laboratory: Audix\_SAR Lab

**P3 802.11a CH100 5500MHz ant1 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.189$  S/m;  $\epsilon_r = 35.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.337 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.628 V/m; Power Drift = 1.56 dB

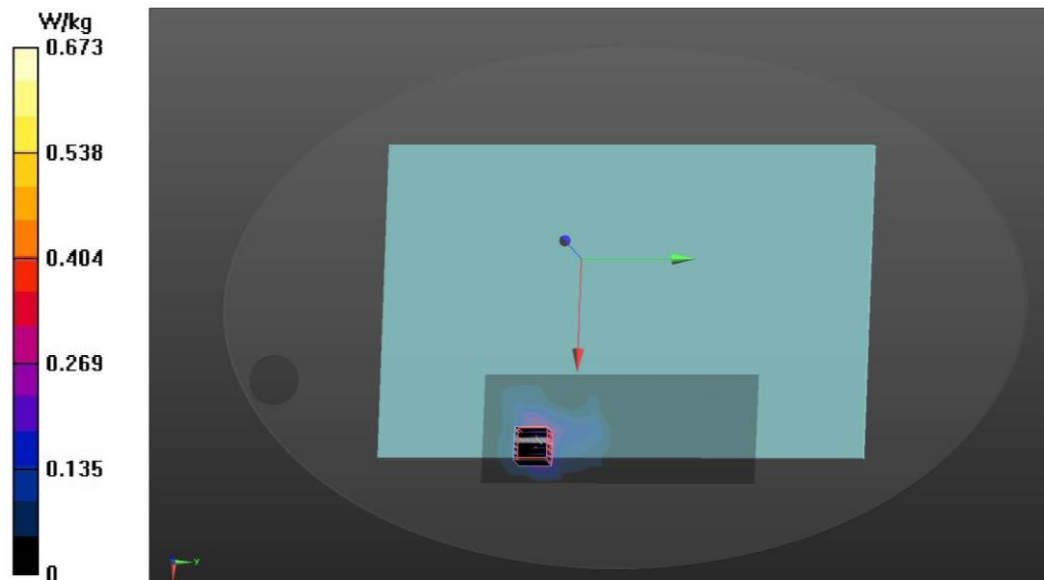
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.101 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 0.673 W/kg



Date: 2/8/2022

Test Laboratory: Audix\_SAR Lab

**P4 802.11a CH100 5500MHz ant2 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.189$  S/m;  $\epsilon_r = 35.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.325 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.362 V/m; Power Drift = 0.95 dB

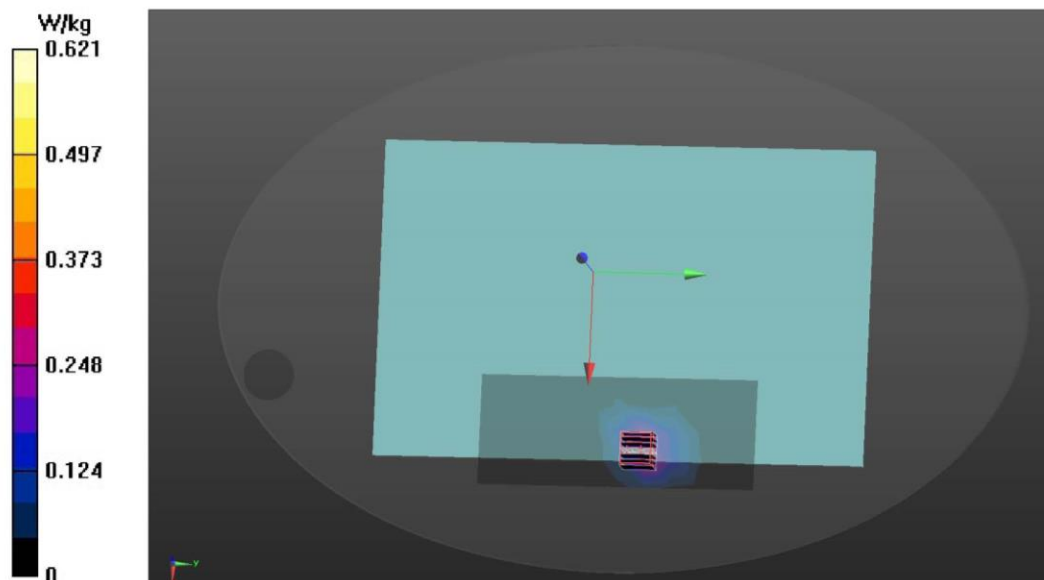
Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.100 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 0.621 W/kg



Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P5 802.11a CH149 5745MHz ant1 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.46 \text{ S/m}$ ;  $\epsilon_r = 35.339$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.444 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 2.366 V/m; Power Drift = 0.90 dB

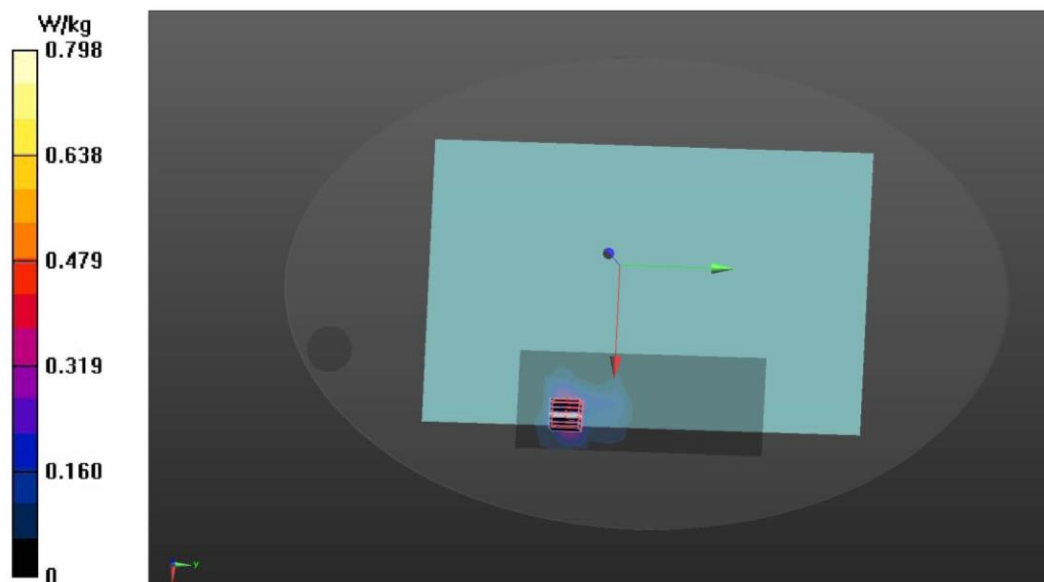
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.126 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.798 W/kg





Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P6 802.11a CH149 5745MHz ant2 Screen****DUT: 15Z90Q(INPAQ)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.46 \text{ S/m}$ ;  $\epsilon_r = 35.339$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.374 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.366 V/m; Power Drift = 0.62 dB

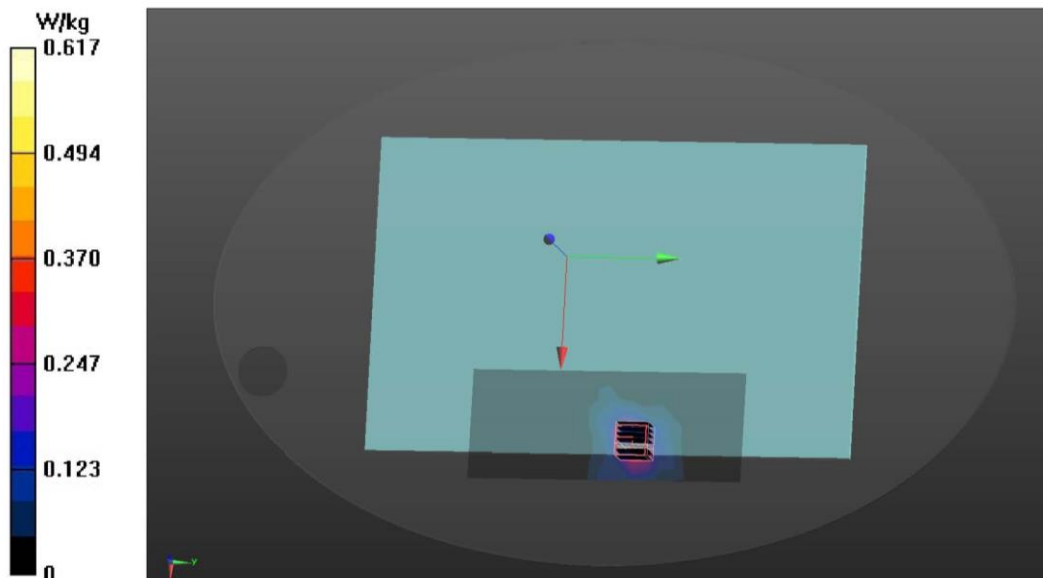
Peak SAR (extrapolated) = 2.64 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.080 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 0.617 W/kg



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

Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P11 802.11b CH7 2442MHz ant1 Bottom**

**DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm

Maximum value of SAR (measured) = 0.0384 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.665 V/m; Power Drift = 1.26 dB

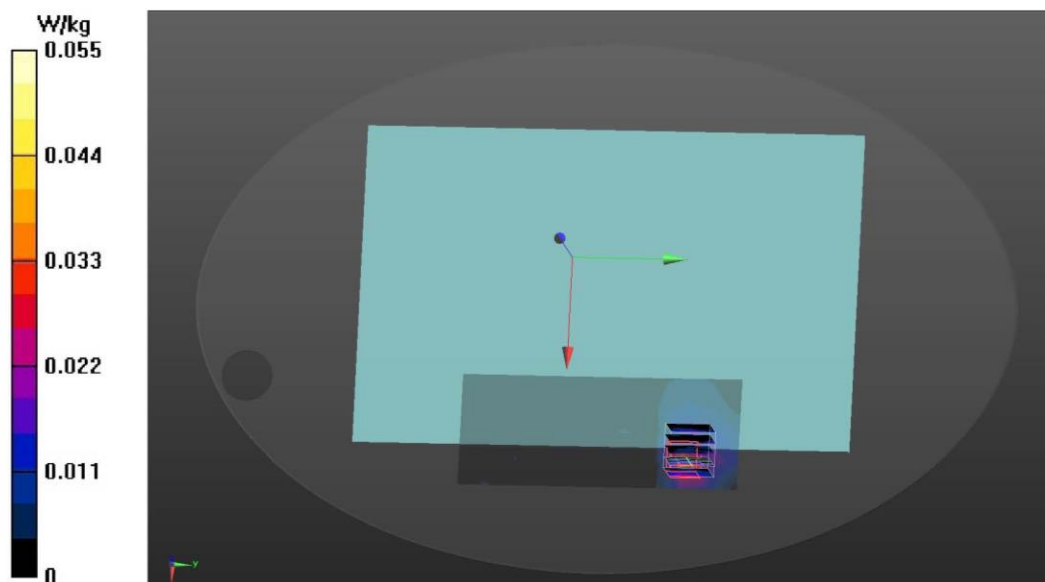
Peak SAR (extrapolated) = 0.0850 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.010 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 = 39.2%

Maximum value of SAR (measured) = 0.0551 W/kg



Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P7 802.11b CH7 2442MHz ant1 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.109$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.266 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 1.342 V/m; Power Drift = 0.02 dB

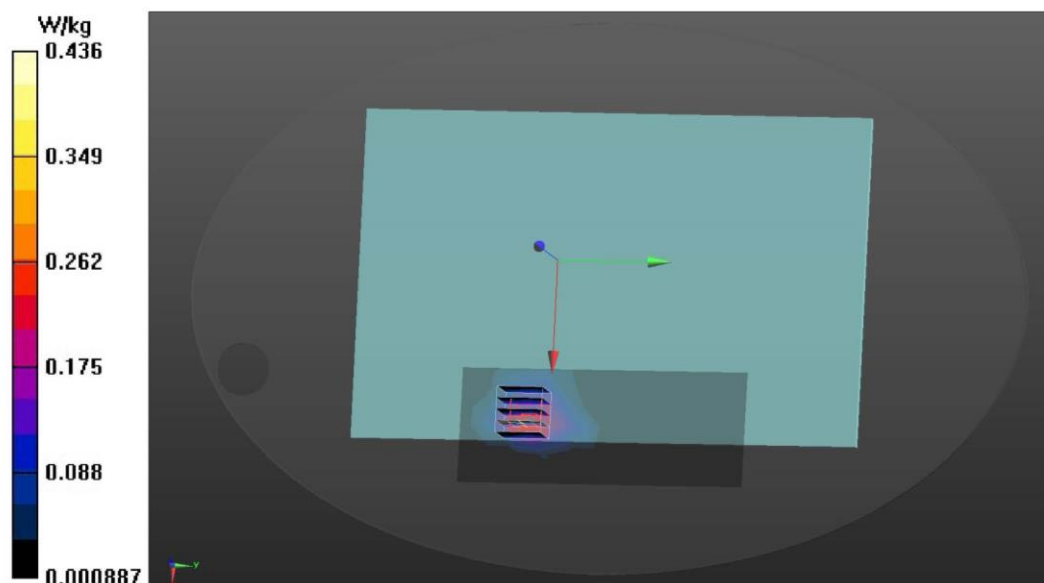
Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.145 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 0.436 W/kg



Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P12 802.11b CH7 2442MHz ant2 Bottom****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.109$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.0649 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 1.209 V/m; Power Drift = 0.44 dB

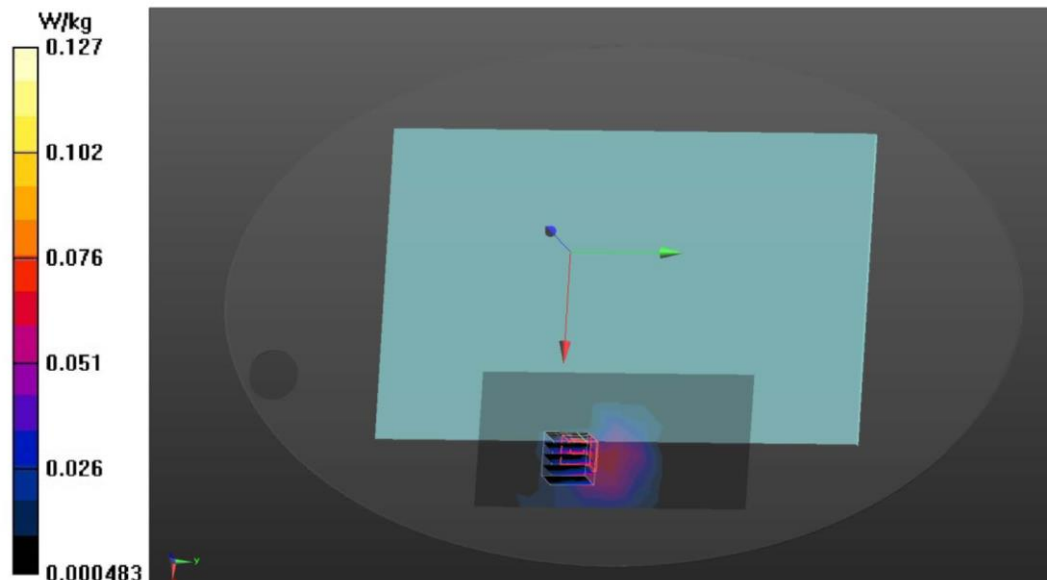
Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.030 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 40.7%

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



Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P8 802.11b CH7 2442MHz ant2 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.851 \text{ S/m}$ ;  $\epsilon_r = 39.109$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.549 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 2.583 V/m; Power Drift = 1.53 dB

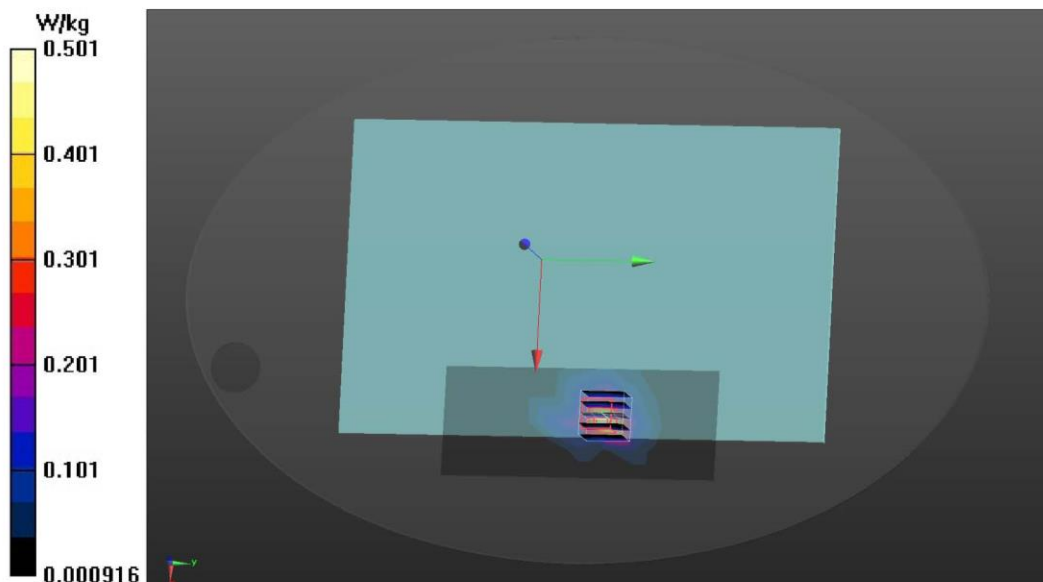
Peak SAR (extrapolated) = 0.726 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.181 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 0.501 W/kg





Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P15 GFSK CH39 2441MHz Bottom****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.849 \text{ S/m}$ ;  $\epsilon_r = 39.103$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.0267 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 1.626 V/m; Power Drift = 1.00 dB

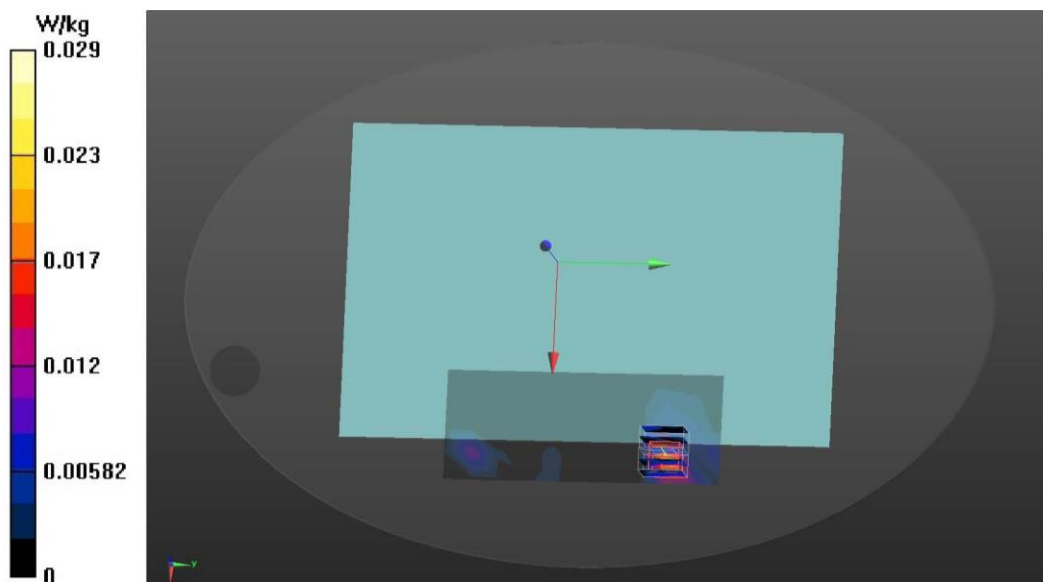
Peak SAR (extrapolated) = 0.0520 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00452 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 = 44.2%

Maximum value of SAR (measured) = 0.0291 W/kg



Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P9 GFSK CH39 2441MHz Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.849 \text{ S/m}$ ;  $\epsilon_r = 39.103$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (5x11x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (measured) = 0.0377 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 1.592 V/m; Power Drift = 0.92 dB

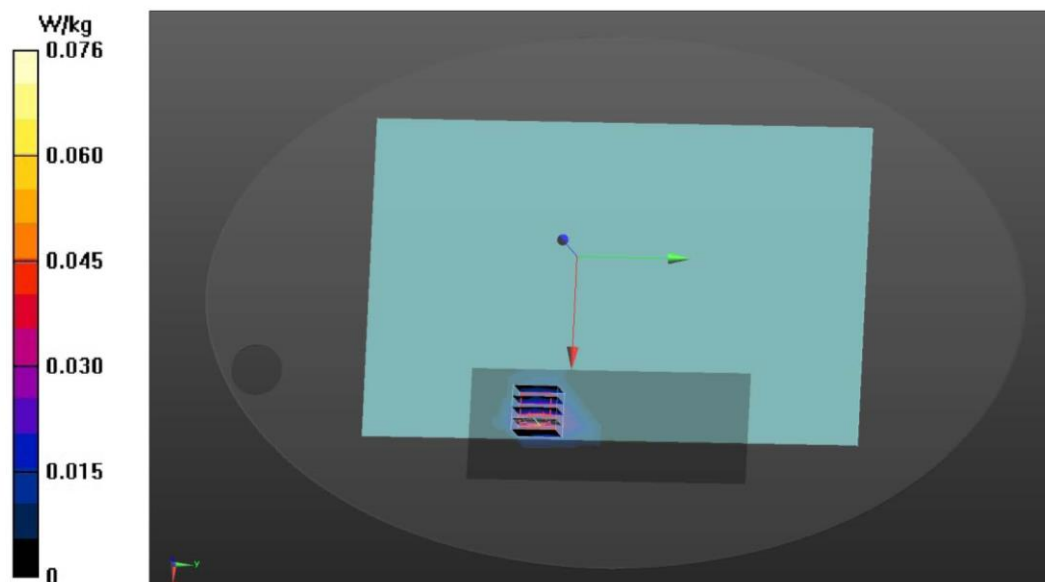
Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.024 W/kg**

Smallest distance from peaks to all points 3 dB below = 3.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 0.0756 W/kg



Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P1 802.11a CH52 5260MHz ant1 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.821 \text{ S/m}$ ;  $\epsilon_r = 36.162$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

## DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.15, 5.15, 5.15) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.912 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.529 V/m; Power Drift = 0.50 dB

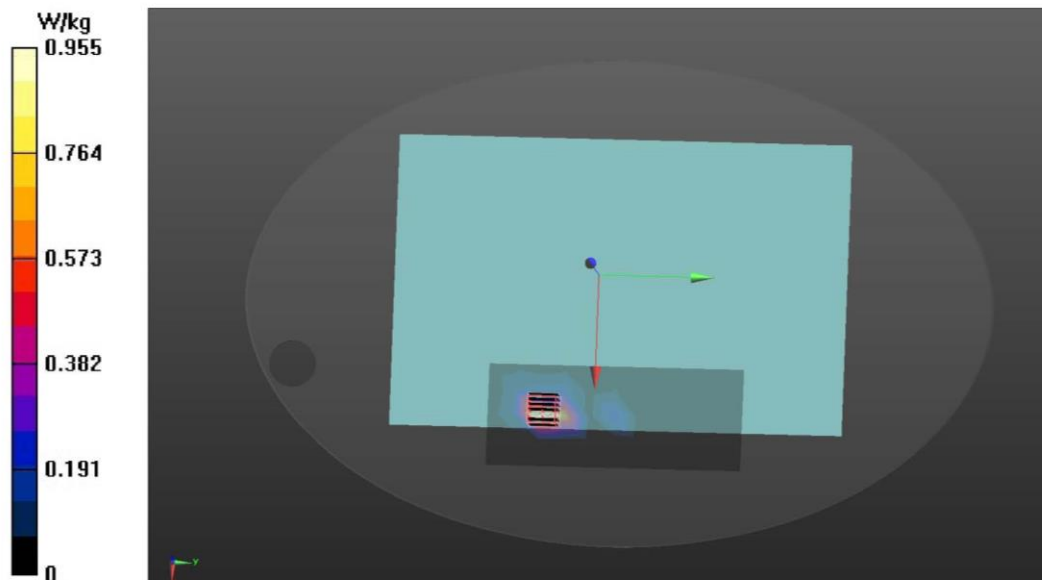
Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.139 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.955 W/kg



Date: 2/7/2022

Test Laboratory: Audix\_SAR Lab

**P2 802.11a CH52 5260MHz ant2 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.821$  S/m;  $\epsilon_r = 36.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(5.15, 5.15, 5.15) @ 5260 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.503 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.288 V/m; Power Drift = 1.62 dB

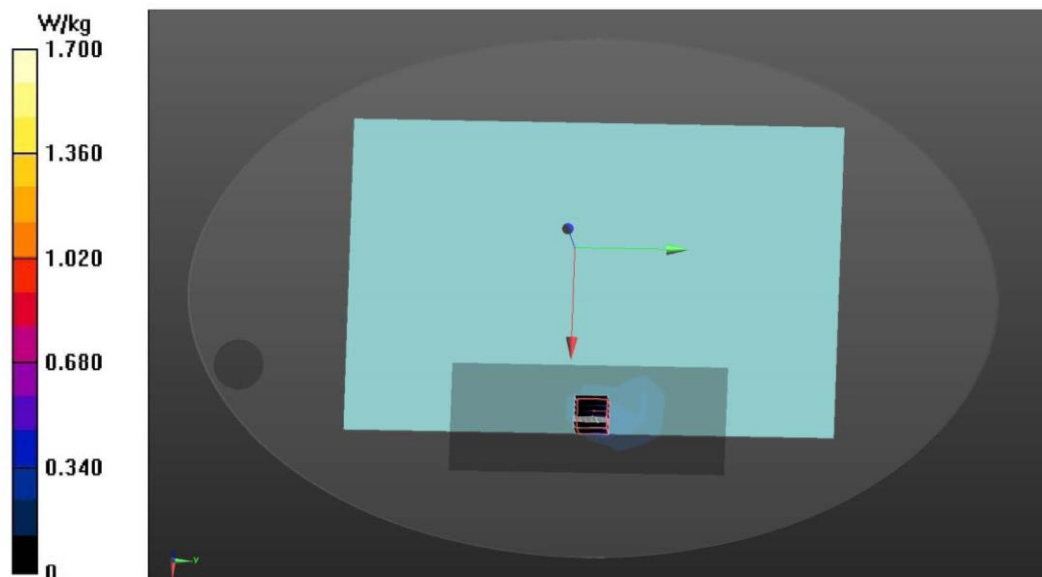
Peak SAR (extrapolated) = 6.18 W/kg

**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.173 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 1.70 W/kg



Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P3 802.11a CH100 5500MHz ant1 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.189$  S/m;  $\epsilon_r = 35.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 2.29 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.316 V/m; Power Drift = 0.29 dB

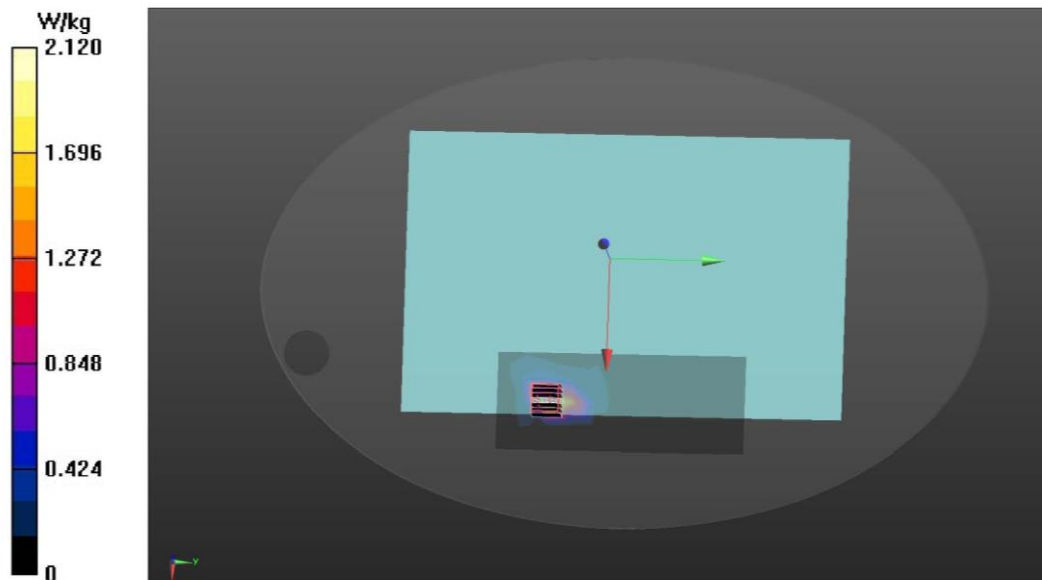
Peak SAR (extrapolated) = 4.25 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.249 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 2.12 W/kg





Date: 2/10/2022

Test Laboratory: Audix\_SAR Lab

**P4 802.11a CH100 5500MHz ant2 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.189 \text{ S/m}$ ;  $\epsilon_r = 35.738$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.85, 4.85, 4.85) @ 5500 MHz; Calibrated: 9/24/2021
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 1.31 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.269 V/m; Power Drift = 0.84 dB

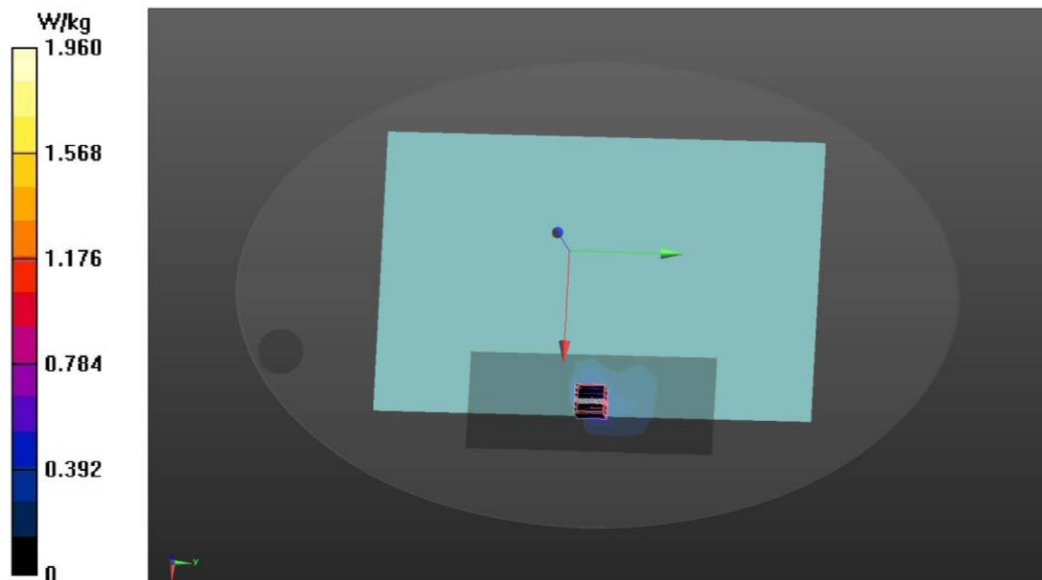
Peak SAR (extrapolated) = 4.81 W/kg

**SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.259 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 55.4%

Maximum value of SAR (measured) = 1.96 W/kg



Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P13 802.11a CH149 5745MHz ant1 Bottom****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.46$  S/m;  $\epsilon_r = 35.339$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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 (11x23x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.745 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.296 V/m; Power Drift = 0.98 dB

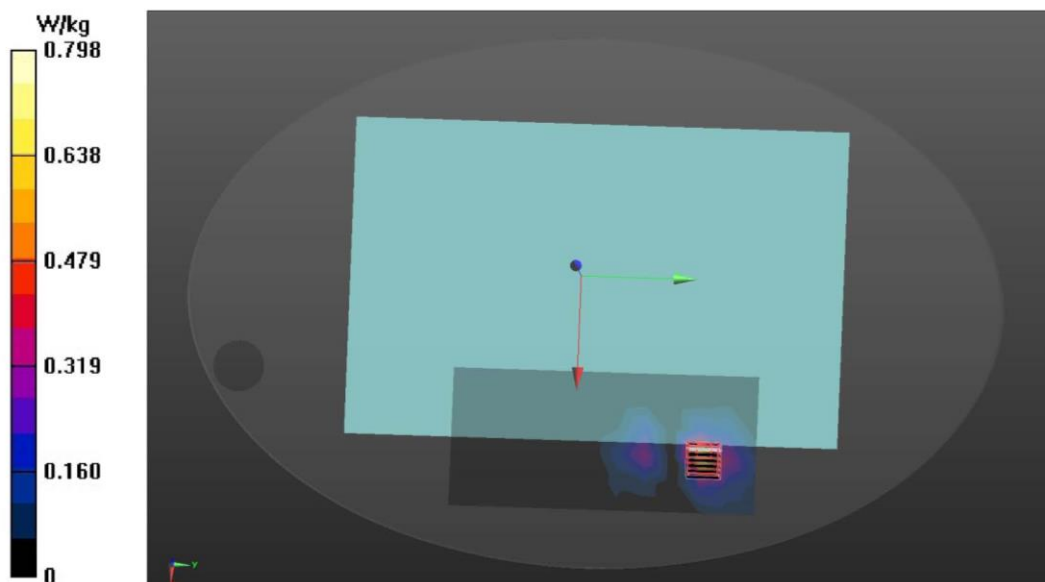
Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.155 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.798 W/kg



Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P5 802.11a CH149 5745MHz ant1 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.46 \text{ S/m}$ ;  $\epsilon_r = 35.339$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 2.32 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.956 V/m; Power Drift = 1.29 dB

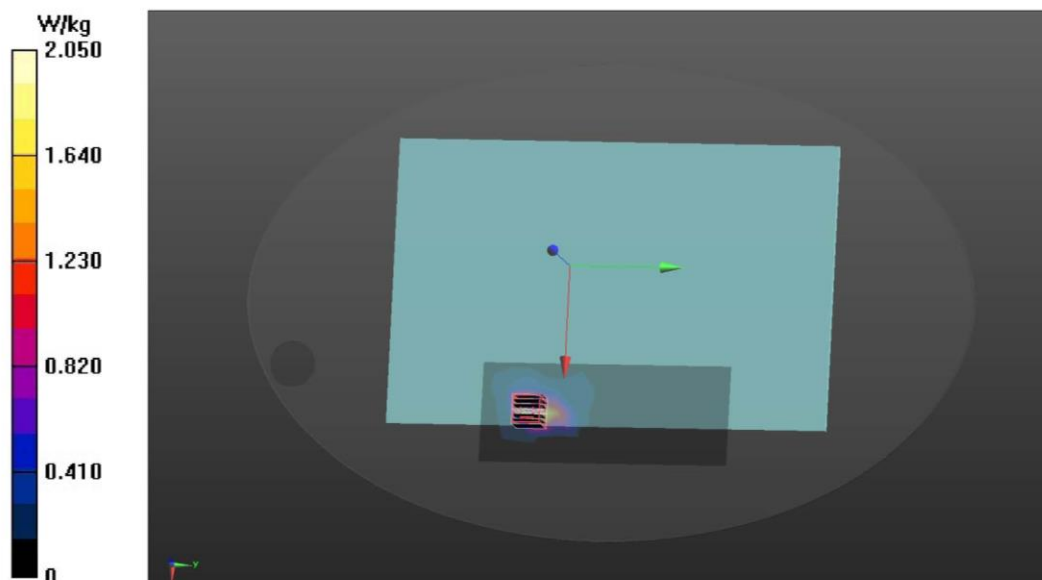
Peak SAR (extrapolated) = 4.64 W/kg

**SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.293 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 2.05 W/kg



Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P14 802.11a CH149 5745MHz ant2 Bottom****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.46$  S/m;  $\epsilon_r = 35.339$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 9/20/2021
- 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:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.384 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.847 V/m; Power Drift = 1.05 dB

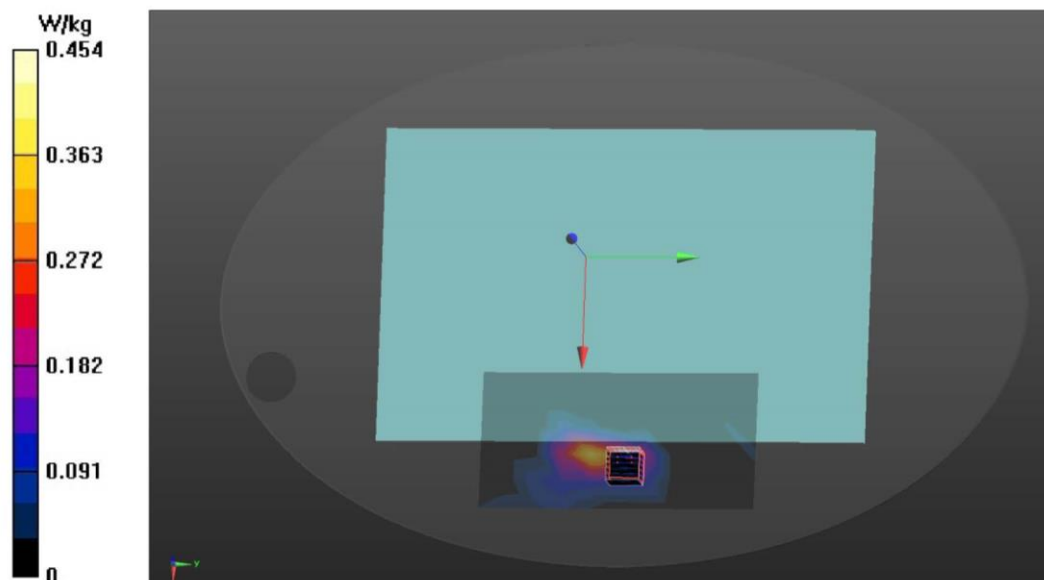
Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.060 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.5%

Maximum value of SAR (measured) = 0.454 W/kg



Date: 2/9/2022

Test Laboratory: Audix\_SAR Lab

**P6 802.11a CH149 5745MHz ant2 Screen****DUT: 15Z90Q(LUXSHARE)**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.46 \text{ S/m}$ ;  $\epsilon_r = 35.339$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: 9/20/2021
- 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 (9x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.904 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.509 V/m; Power Drift = 0.26 dB

Peak SAR (extrapolated) = 4.79 W/kg

**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.242 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 2.14 W/kg

