

WiFi 2.4G/ Bluetooth

Date: 9/23/2024

Test Laboratory: Audix_SAR Lab

P4 802.11b CH3 2422MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422 \text{ MHz}$; $\sigma = 1.745 \text{ S/m}$; $\epsilon_r = 39.974$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2422 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.476 W/kg

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

Reference Value = 1.824 V/m; Power Drift = 0.46 dB

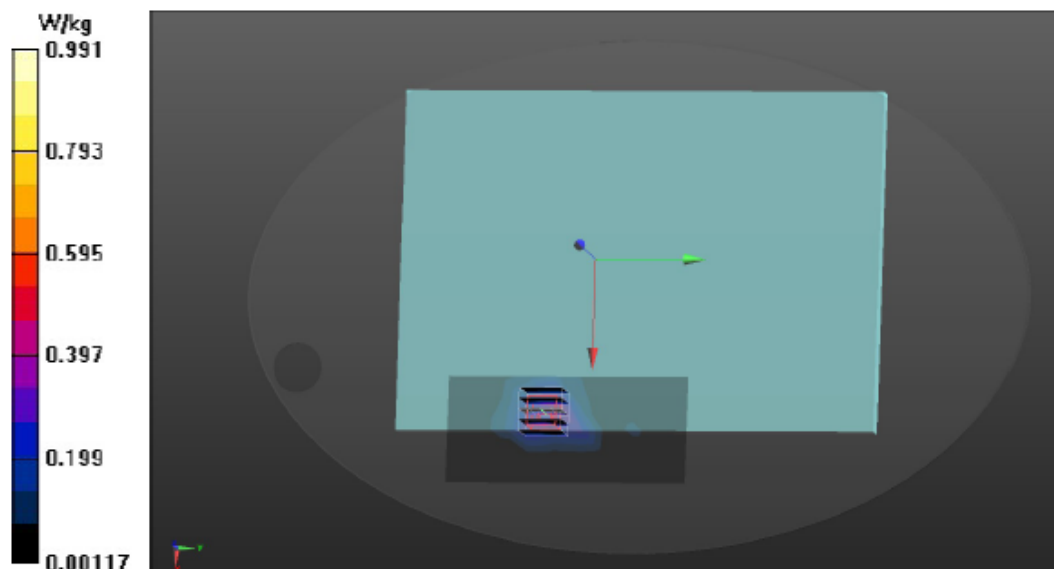
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.242 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 55.8%

Maximum value of SAR (measured) = 0.991 W/kg



Date: 9/23/2024

Test Laboratory: Audix_SAR Lab

P6 802.11b CH3 2422MHz Bottom Aux

DUT: 16Z90TP

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 39.974$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2422 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x5x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (measured) = 0.119 W/kg

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

Reference Value = 0.6650 V/m; Power Drift = 1.76 dB

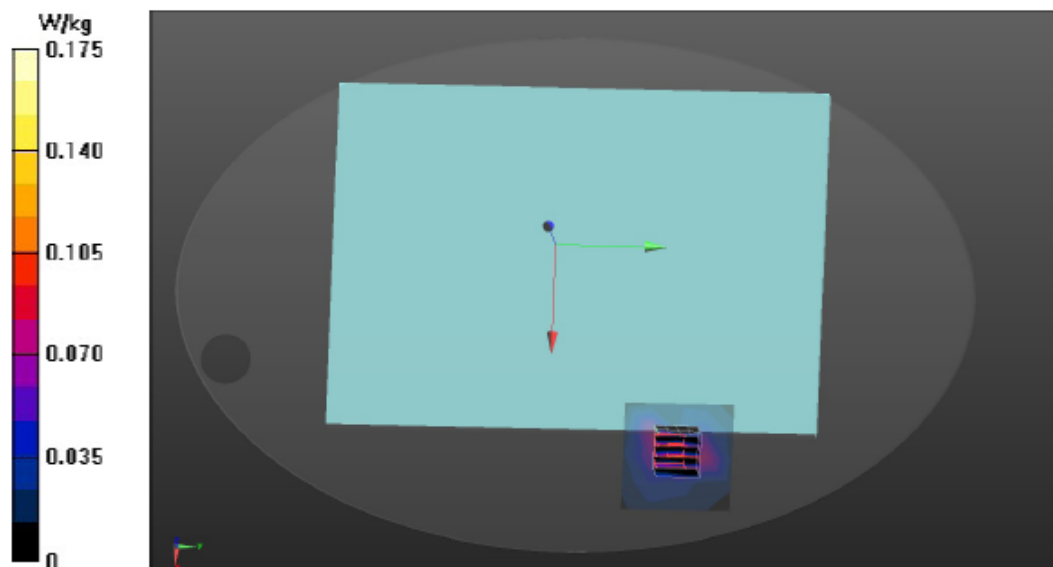
Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.045 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 0.175 W/kg



Test Laboratory: Audix_SAR Lab

P3 802.11b CH3 2422MHz Screen Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2422 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2422 \text{ MHz}$; $\sigma = 1.745 \text{ S/m}$; $\epsilon_r = 39.974$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2422 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.620 W/kg

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

Reference Value = 2.684 V/m; Power Drift = -0.05 dB

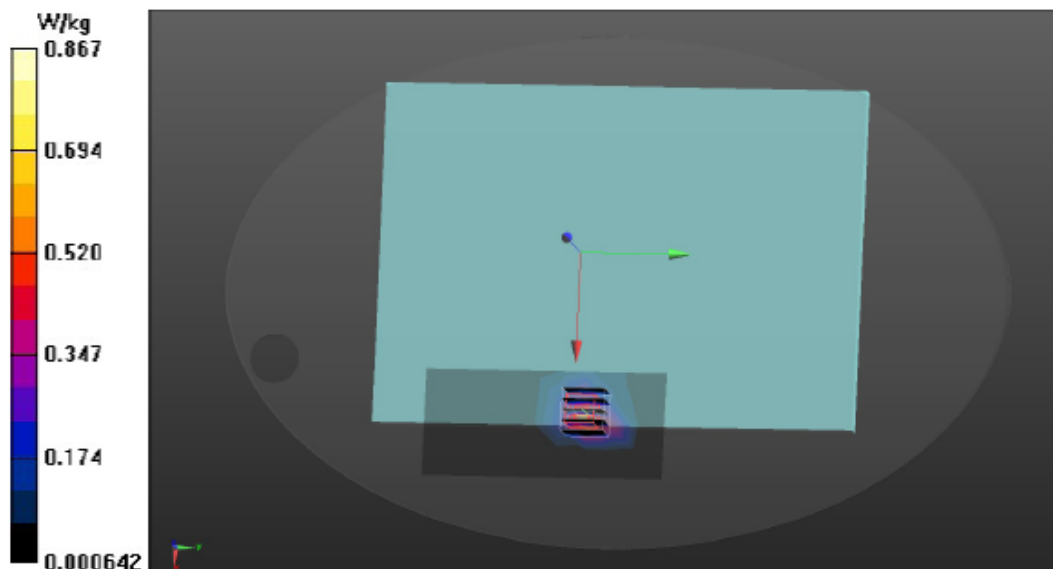
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.229 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 0.867 W/kg



Test Laboratory: Audix_SAR Lab

P5 802.11b CH3 2422MHz Bottom Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 2.4G 802.11B (0); Frequency: 2422 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2422$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 39.974$; $\rho = 1000$ kg/m³

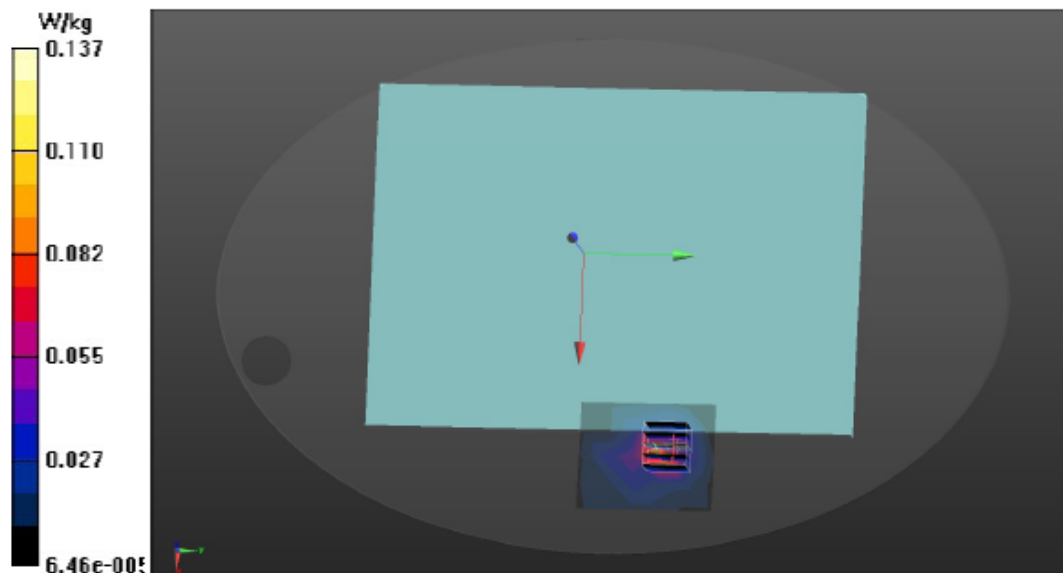
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2422 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x6x1): Measurement grid: $dx=20$ mm, $dy=20$ mm
Maximum value of SAR (measured) = 0.108 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 0.9750 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 0.137 W/kg



Date: 9/23/2024

Test Laboratory: Audix_SAR Lab

P2 GFSK CH39 2441MHz Screen**DUT: 16Z90TP**

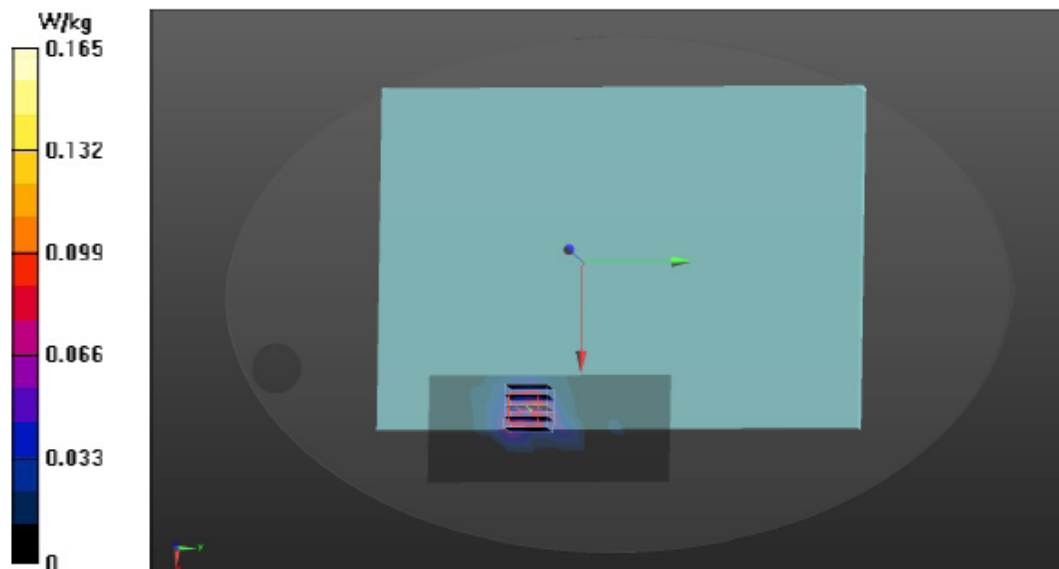
Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3
Medium parameters used: $f = 2441$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 39.975$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x10x1): Measurement grid: $dx=20$ mm, $dy=20$ mm
Maximum value of SAR (measured) = 0.101 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 2.322 V/m; Power Drift = -0.93 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.045 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 0.165 W/kg



Date: 9/23/2024

Test Laboratory: Audix_SAR Lab

P1 GFSK CH39 2441MHz Bottom

DUT: 16Z90TP

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.758 \text{ S/m}$; $\epsilon_r = 39.975$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (5x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.102 W/kg

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

Reference Value = 1.098 V/m; Power Drift = -0.62 dB

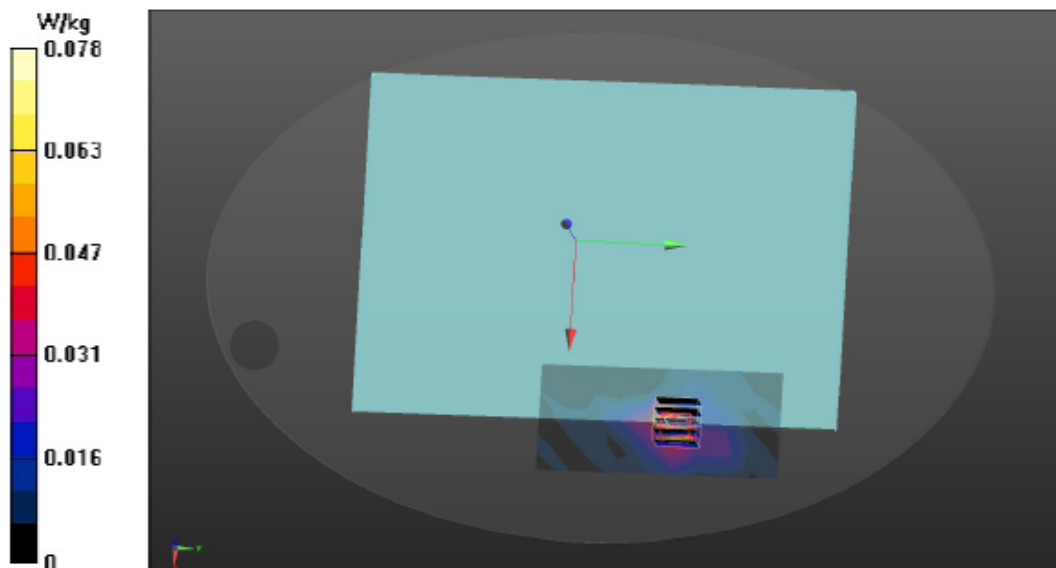
Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.022 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 0.0782 W/kg



WiFi 5G

Date: 9/24/2024

Test Laboratory: Audix_SAR Lab

P30 802.11a CH36 5180MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.652 \text{ S/m}$; $\epsilon_r = 37.051$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.82, 4.82, 4.82) @ 5180 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.724 W/kg

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

Reference Value = 3.402 V/m; Power Drift = -0.64 dB

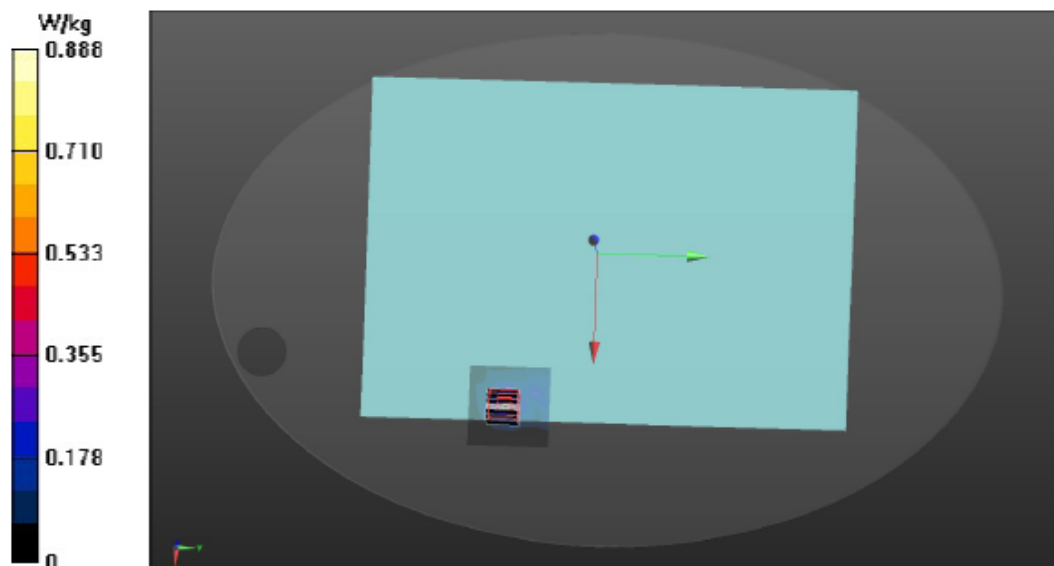
Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.105 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.888 W/kg



Date: 9/25/2024

Test Laboratory: Audix_SAR Lab

P28 802.11a CH140 5700MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.291 \text{ S/m}$; $\epsilon_r = 35.898$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5700 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.65 W/kg

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

Reference Value = 1.756 V/m; Power Drift = -0.33 dB

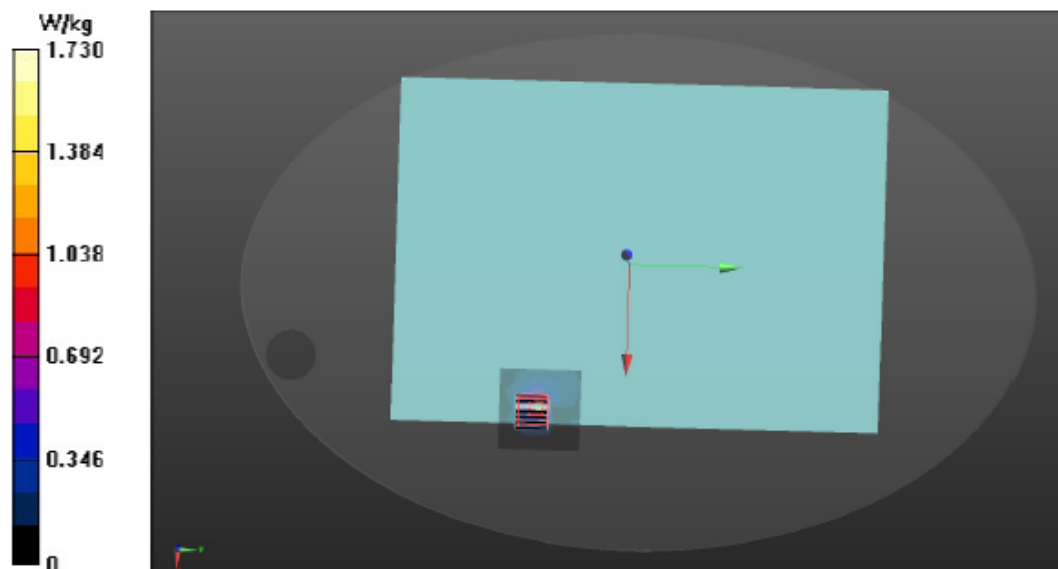
Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.189 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 1.73 W/kg



Date: 9/26/2024

Test Laboratory: Audix_SAR Lab

P32 802.11a CH144 5720MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.321 \text{ S/m}$; $\epsilon_r = 35.89$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5720 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.60 W/kg

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

Reference Value = 1.474 V/m; Power Drift = -1.91 dB

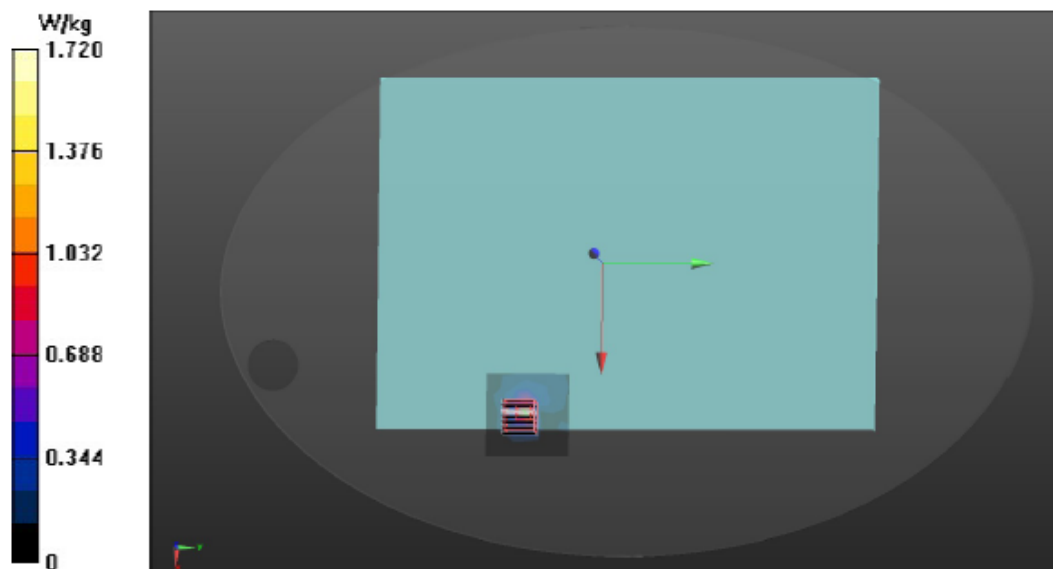
Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.193 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 1.72 W/kg



Date: 9/26/2024

Test Laboratory: Audix_SAR Lab

P22 802.11a CH149 5745MHz Screen Aux**DUT: 16Z90TP**

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

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.342 \text{ S/m}$; $\epsilon_r = 35.853$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5745 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.52 W/kg

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

Reference Value = 1.416 V/m; Power Drift = -0.55 dB

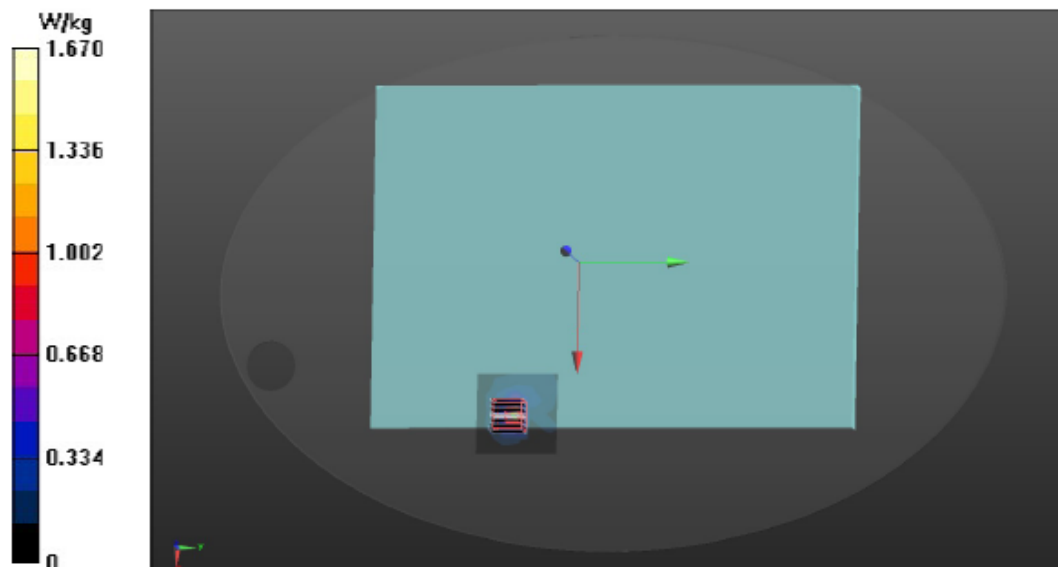
Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.218 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 1.67 W/kg



Date: 9/26/2024

Test Laboratory: Audix_SAR Lab

P34 802.11a CH157 5785MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.38 \text{ S/m}$; $\epsilon_r = 35.742$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5785 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.44 W/kg

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

Reference Value = 0.9530 V/m; Power Drift = -0.70 dB

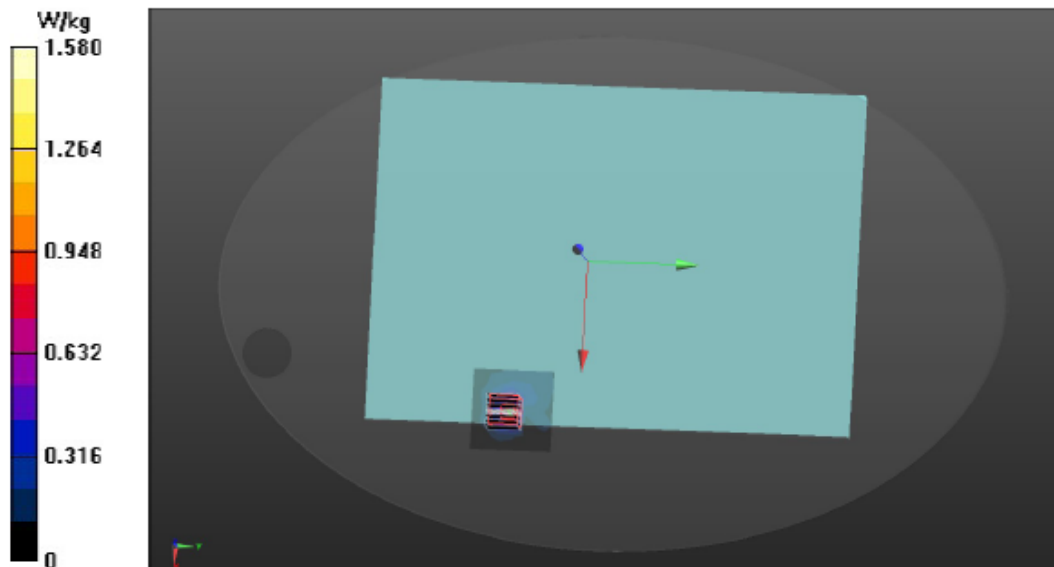
Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.196 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 1.58 W/kg



Test Laboratory: Audix_SAR Lab

P26 802.11a CH173 5865MHz Screen Aux

DUT: 16Z90TP

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.84, 5.08, 5.34) @ 5700 MHz; Calibrated: 9/17/2024
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.22 W/kg

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

Reference Value = 1.646 V/m; Power Drift = -0.51 dB

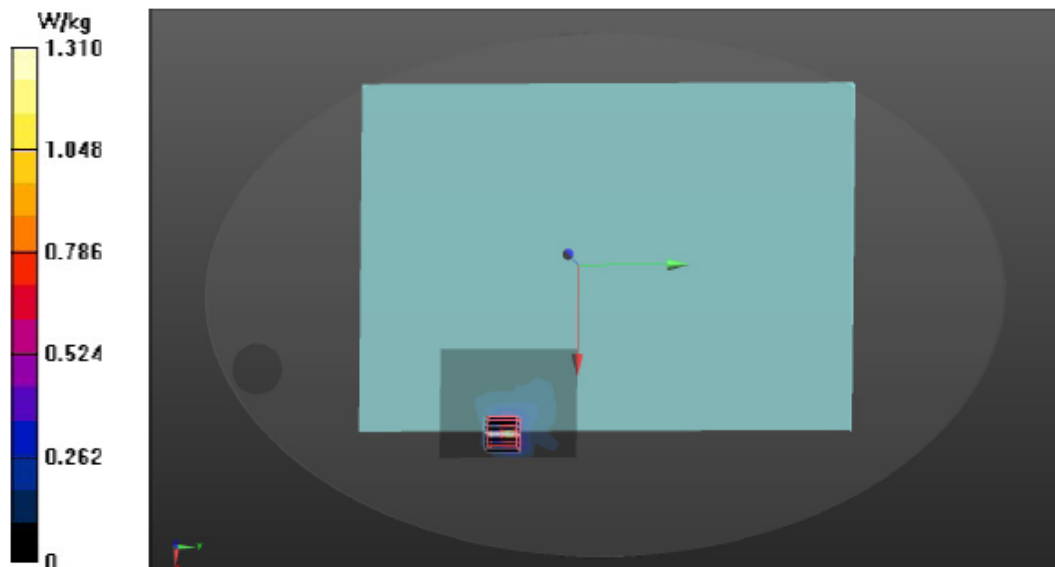
Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.168 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.5%

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



Date: 9/25/2024

Test Laboratory: Audix_SAR Lab

P24 802.11a CH140 5700MHz Bottom Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.291 \text{ S/m}$; $\epsilon_r = 35.898$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5700 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.327 W/kg

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

Reference Value = 0.9270 V/m; Power Drift = -1.00 dB

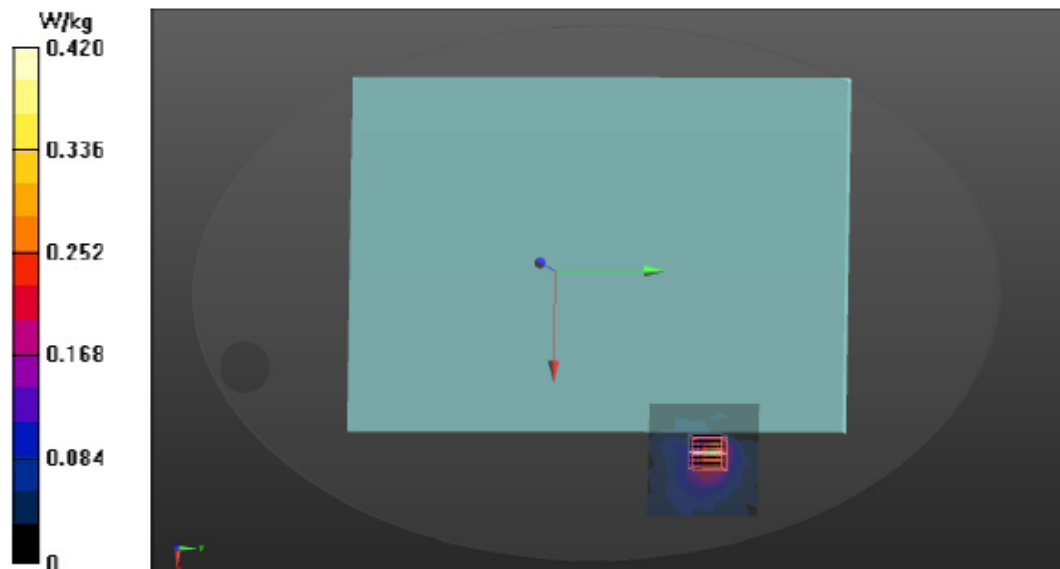
Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.420 W/kg



Date: 9/24/2024

Test Laboratory: Audix_SAR Lab

P29 802.11a CH36 5180MHz Screen Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.652 \text{ S/m}$; $\epsilon_r = 37.051$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.82, 4.82, 4.82) @ 5180 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.649 W/kg

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

Reference Value = 1.654 V/m; Power Drift = -0.16 dB

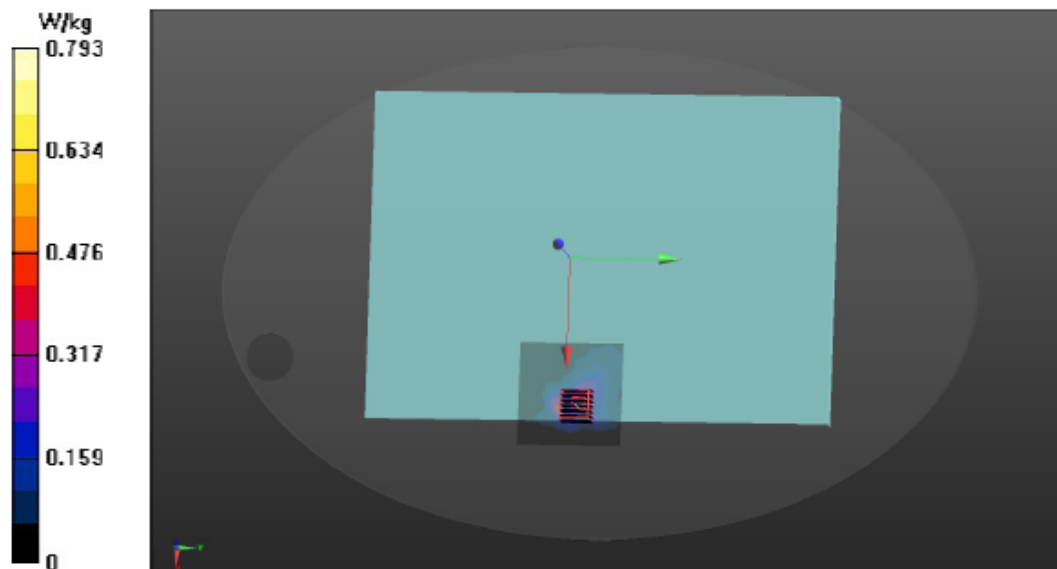
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.110 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

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

Maximum value of SAR (measured) = 0.793 W/kg



Date: 9/25/2024

Test Laboratory: Audix_SAR Lab

P27 802.11a CH140 5700MHz Screen Main**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5700 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.01 W/kg

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

Reference Value = 2.213 V/m; Power Drift = -0.38 dB

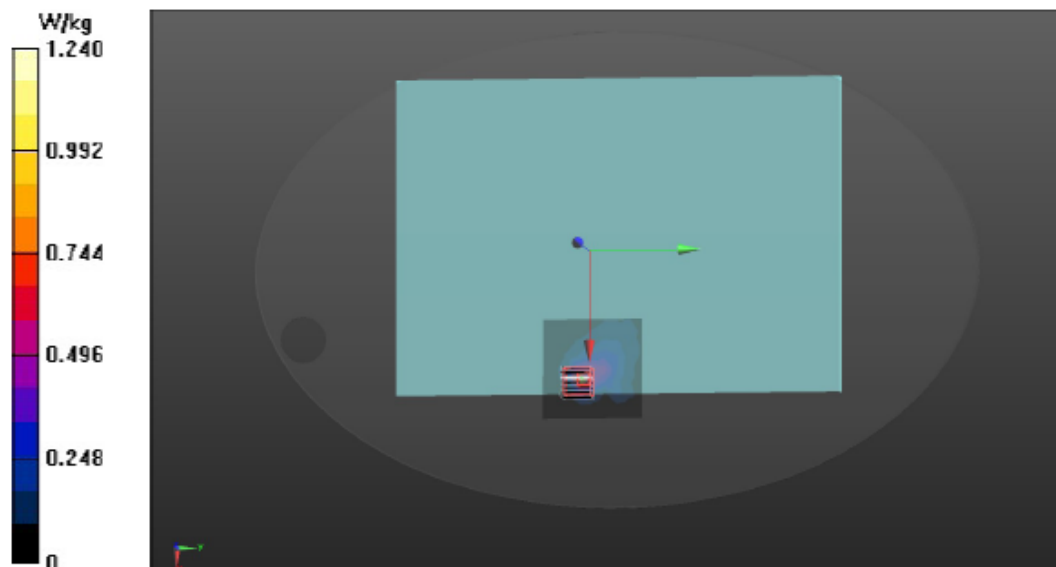
Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 1.24 W/kg



Date: 9/26/2024

Test Laboratory: Audix_SAR Lab

P31 802.11a CH144 5720MHz Screen Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5720$ MHz; $\sigma = 5.321$ S/m; $\epsilon_r = 35.89$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5720 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.814 W/kg

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

Reference Value = 1.950 V/m; Power Drift = -0.04 dB

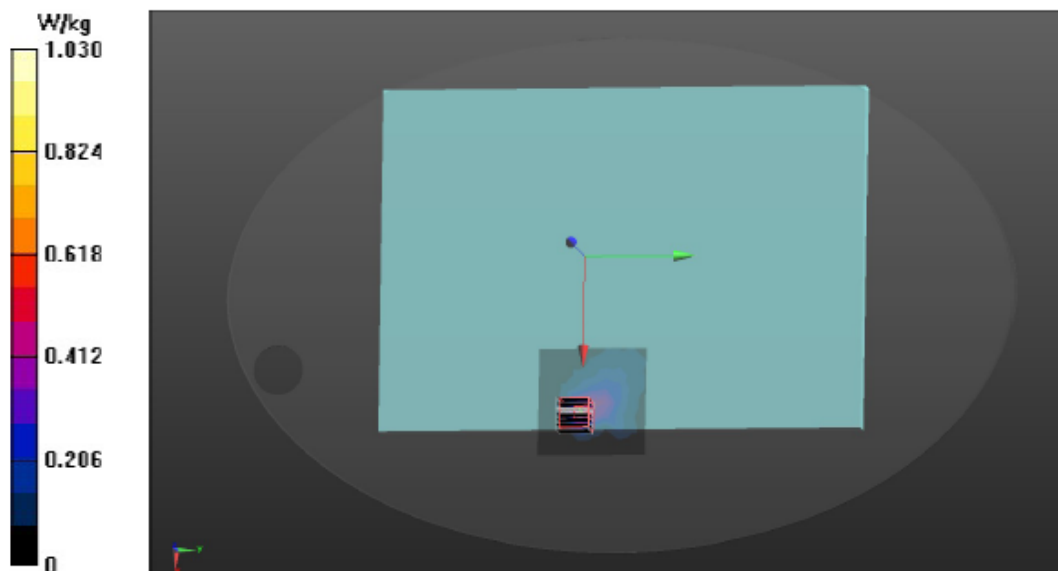
Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.107 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

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

Maximum value of SAR (measured) = 1.03 W/kg



Test Laboratory: Audix_SAR Lab

P21 802.11a CH149 5745MHz Screen Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.742$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5785 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.582 W/kg

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

Reference Value = 1.179 V/m; Power Drift = 0.54 dB

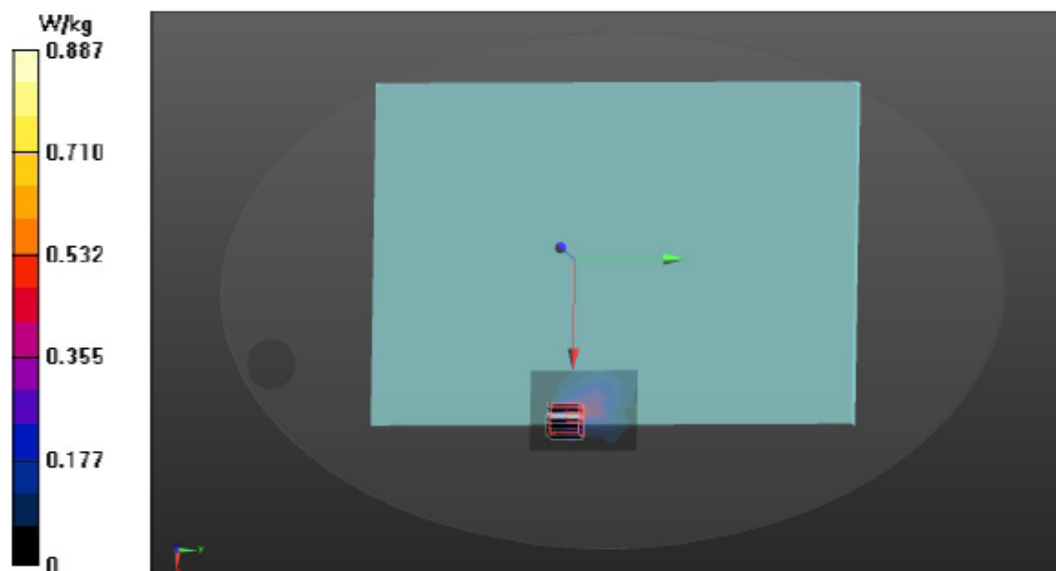
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.887 W/kg



Date: 9/26/2024

Test Laboratory: Audix_SAR Lab

P33 802.11a CH157 5785MHz Screen Main**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.38 \text{ S/m}$; $\epsilon_r = 35.742$; $\rho = 1000 \text{ kg/m}^3$

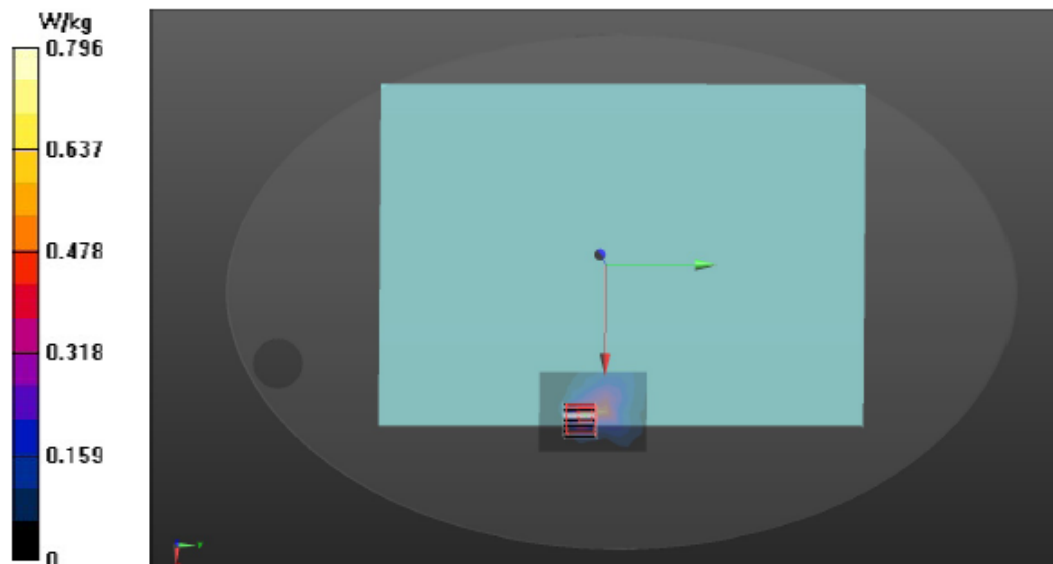
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5785 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.522 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 1.604 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.086 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 0.796 W/kg



Date: 10/1/2024

Test Laboratory: Audix_SAR Lab

P25 802.11a CH173 5865MHz Screen Main

DUT: 16Z90TP

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5865 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5865$ MHz; $\sigma = 5.493$ S/m; $\epsilon_r = 35.606$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.87, 5.11, 5.36) @ 5865 MHz; Calibrated: 9/17/2024
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.502 W/kg

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

Reference Value = 1.224 V/m; Power Drift = 0.38 dB

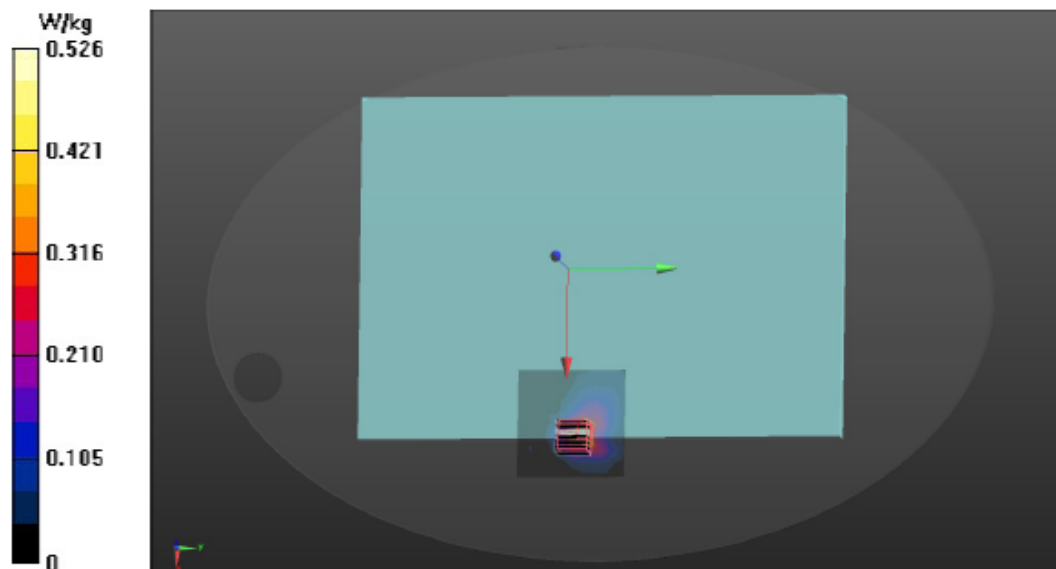
Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.093 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 0.526 W/kg



Date: 9/25/2024

Test Laboratory: Audix_SAR Lab

P23 802.11a CH140 5700MHz Bottom Main**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.291 \text{ S/m}$; $\epsilon_r = 35.898$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.34, 4.34, 4.34) @ 5700 MHz; Calibrated: 10/26/2023
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (9x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.231 W/kg

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

Reference Value = 1.454 V/m; Power Drift = -0.25 dB

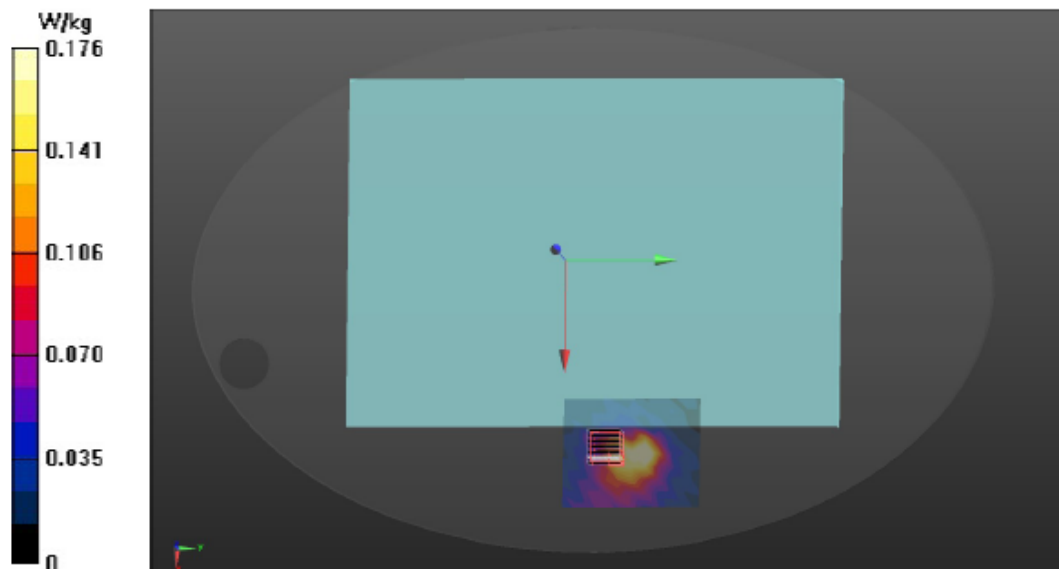
Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.176 W/kg



Date: 11/3/2024

Test Laboratory: Audix_SAR Lab

P41 802.11be-EHT20,26/8 CH165 5825MHz Screen Aux**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11EHT_20 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825$ MHz; $\sigma = 5.522$ S/m; $\epsilon_r = 35.503$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.87, 5.11, 5.36) @ 5825 MHz; Calibrated: 9/17/2024
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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 (7x7x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.54 W/kg

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

Reference Value = 1.789 V/m; Power Drift = -0.21 dB

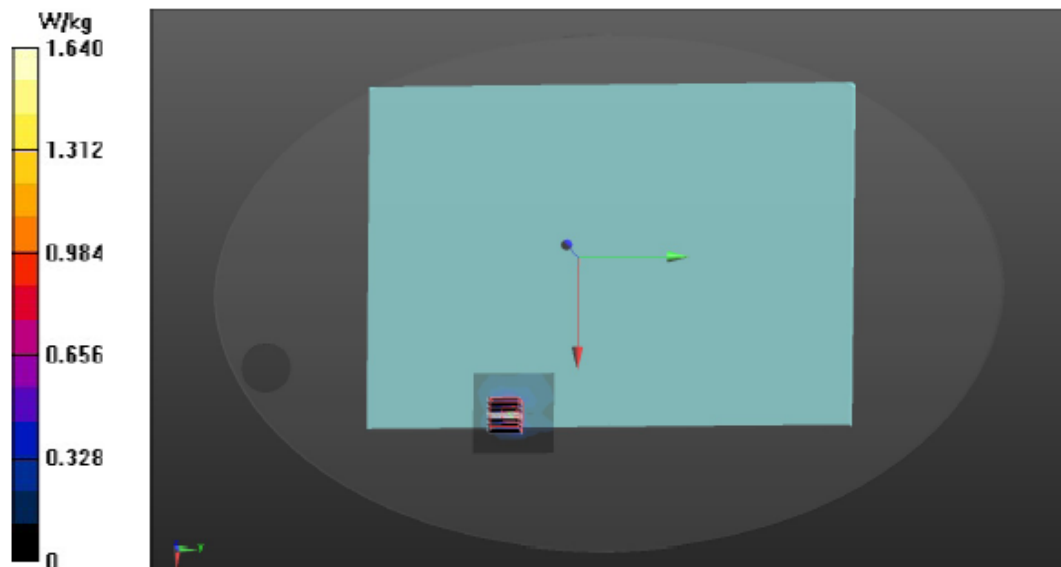
Peak SAR (extrapolated) = 4.23 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.216 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.64 W/kg



Date: 11/3/2024

Test Laboratory: Audix_SAR Lab

P42 802.11be-EHT20,26/8 CH165 5825MHz Screen Main**DUT: 16Z90TP**

Communication System: UID 0, WIFI 5G 802.11EHT_20 (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 5.522$ S/m; $\epsilon_r = 35.503$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3855; ConvF(4.87, 5.11, 5.36) @ 5825 MHz; Calibrated: 9/17/2024
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1337; Calibrated: 3/15/2024
- 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: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.681 W/kg

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

Reference Value = 1.743 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.111 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 0.929 W/kg

