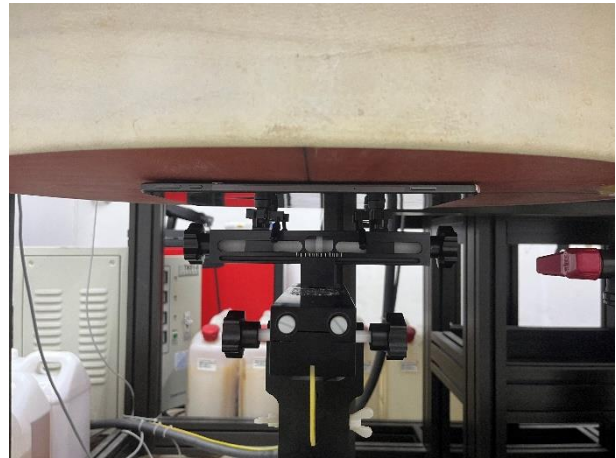


ANNEX A: Test Layout and Setup



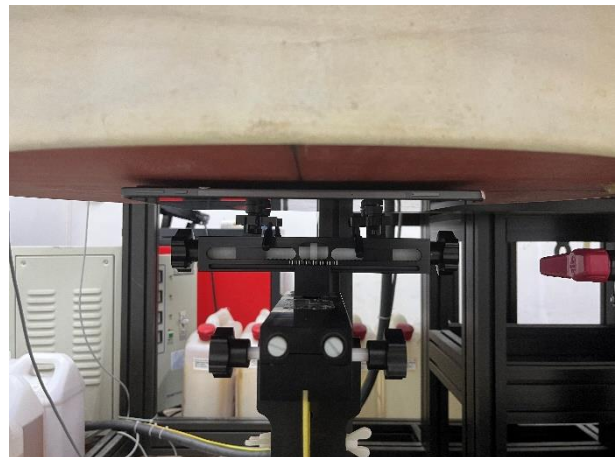
Top Edge(0mm)



Rear Face(0mm)



Top Edge(6mm)



Rear Face(6mm)

ANNEX B: System Check Results

Date: 06/30/2024

System Check_H2450

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 Head Medium parameters used: $f = 2450$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 38.25$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.36, 7.36, 7.36) @ 2450 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Pin=250 mW/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 16.2 W/kg

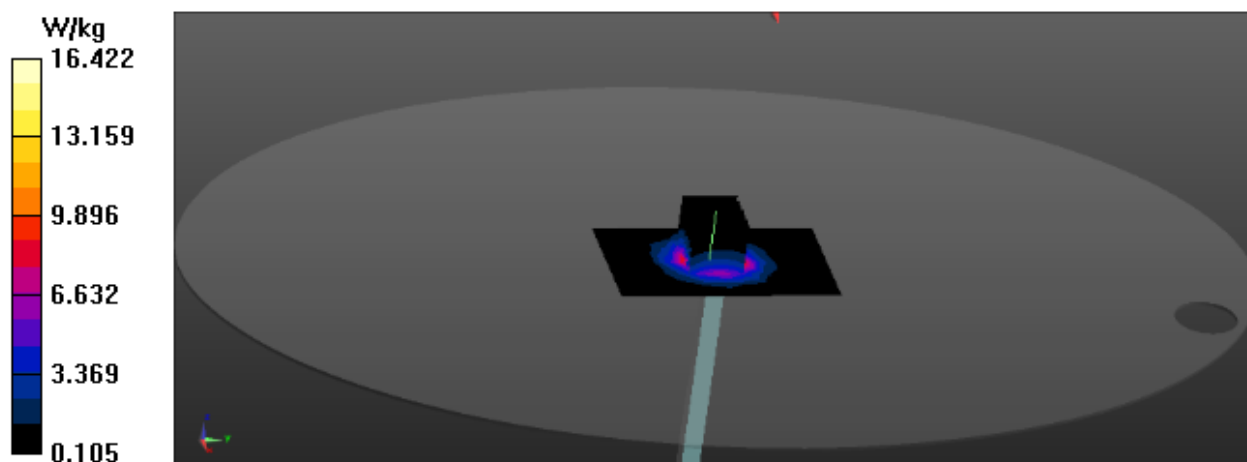
Configuration/Pin=250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.05 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 16.4 W/kg



Date: 06/30/2024

System Check_H5200

Communication System: UID 0, _CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5G Head Medium parameters used: $f = 5200$ MHz; $\sigma = 4.564$ S/m; $\epsilon_r = 34.807$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5200 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Pin=100 mW/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 10.8 W/kg

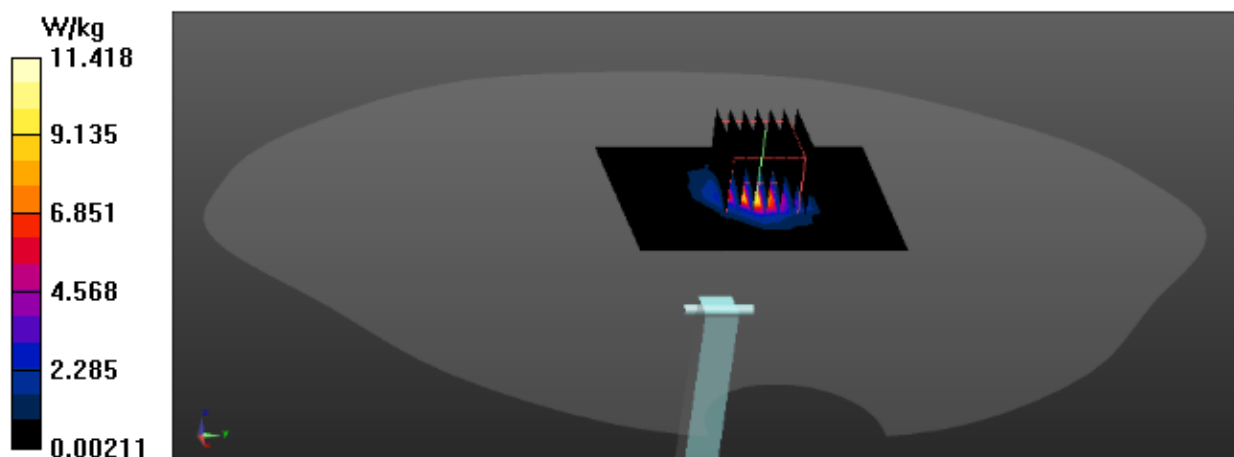
Configuration/Pin=100 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 51.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 11.4 W/kg



System Check_H5300

Communication System: UID 0, _CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5G Head Medium parameters used: $f = 5300$ MHz; $\sigma = 4.649$ S/m; $\epsilon_r = 34.738$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5300 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Pin=100 mW/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 10.1 W/kg

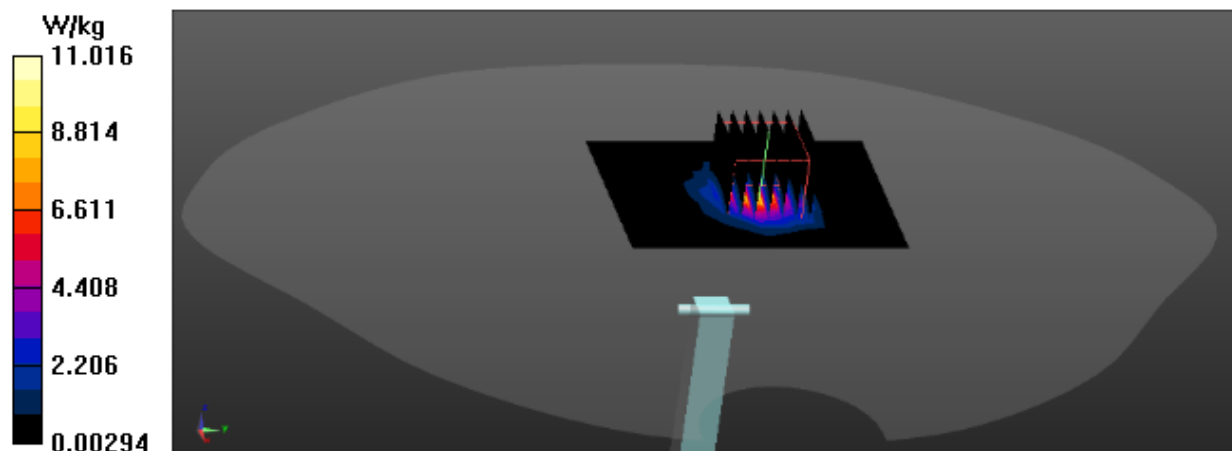
Configuration/Pin=100 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 49.99 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.9 W/kg

SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



Date: 06/30/2024

System Check_H5600

Communication System: UID 0, _CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: 5G Head Medium parameters used: $f = 5600$ MHz; $\sigma = 4.92$ S/m; $\epsilon_r = 34.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.65, 4.65, 4.65) @ 5600 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Pin=100 mW/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 11.0 W/kg

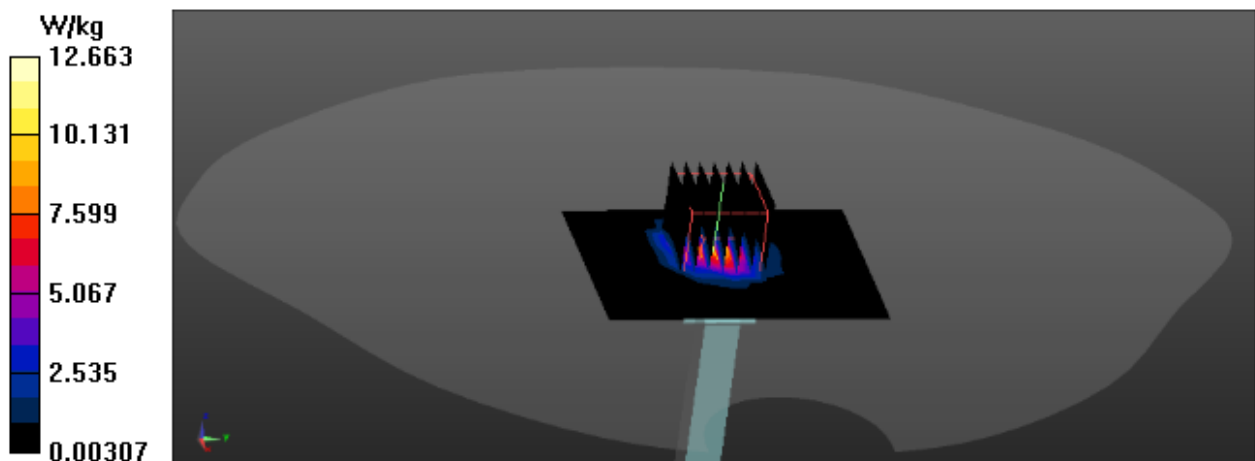
Configuration/Pin=100 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.83 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 12.7 W/kg



Date: 06/30/2024

System Check_H5800

Communication System: UID 0, _CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5G Head Medium parameters used: $f = 5800$ MHz; $\sigma = 5.124$ S/m; $\epsilon_r = 33.938$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.8, 4.8, 4.8) @ 5800 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Pin=100 mW/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 10.7 W/kg

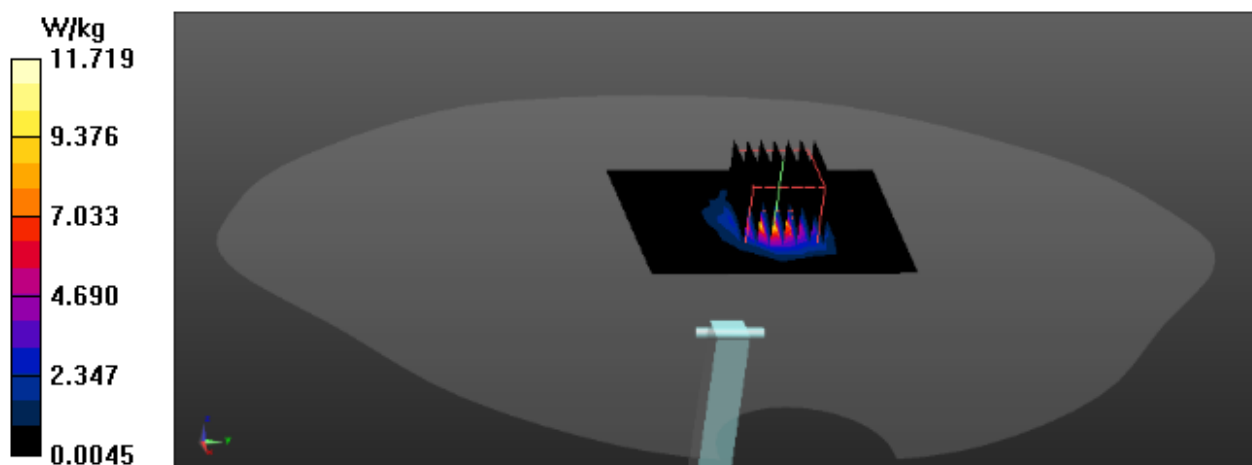
Configuration/Pin=100 mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 46.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.24 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



ANNEX C: Maximum Graph Results

Date: 07/09/2024

2.4G WIFI 11b_top Side_CH11 (Sensor is not triggered)

Communication System: UID 0, WiFi 802.11 b (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: 2450 Head Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.896 \text{ S/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.36, 7.36, 7.36) @ 2462 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x26x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.11 W/kg

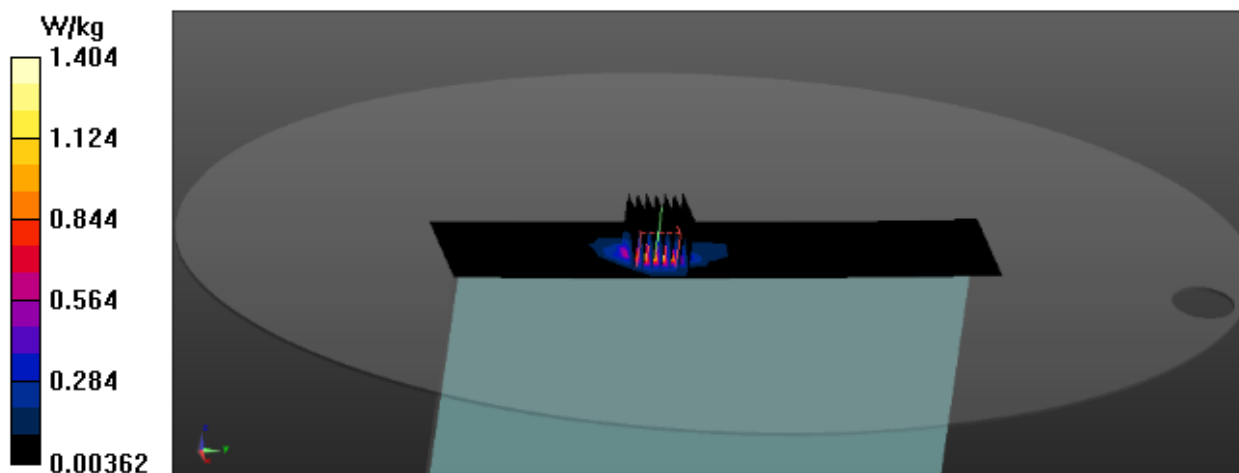
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.94 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.576 W/kg ; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



5G WIFI_11N20_top Side_CH36 (Sensor is not triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.546 \text{ S/m}$; $\epsilon_r = 34.819$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5180 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.18 W/kg

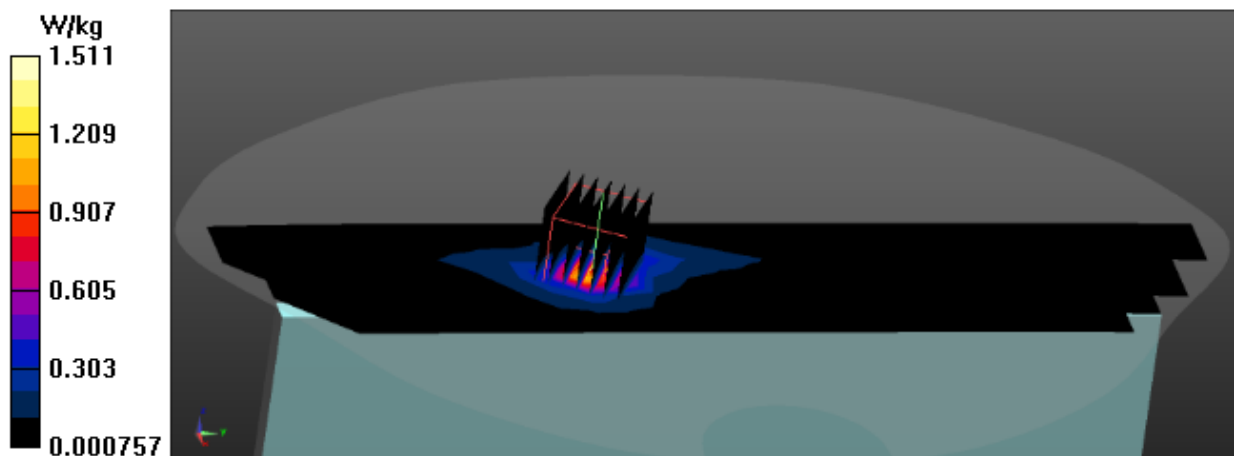
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.769 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 0.608 W/kg ; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



5G WIFI_11N20_top Side_CH52 (Sensor is not triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.616 \text{ S/m}$; $\epsilon_r = 34.769$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.0°C ; Liquid Temperature: 21.5°C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5260 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.17 W/kg

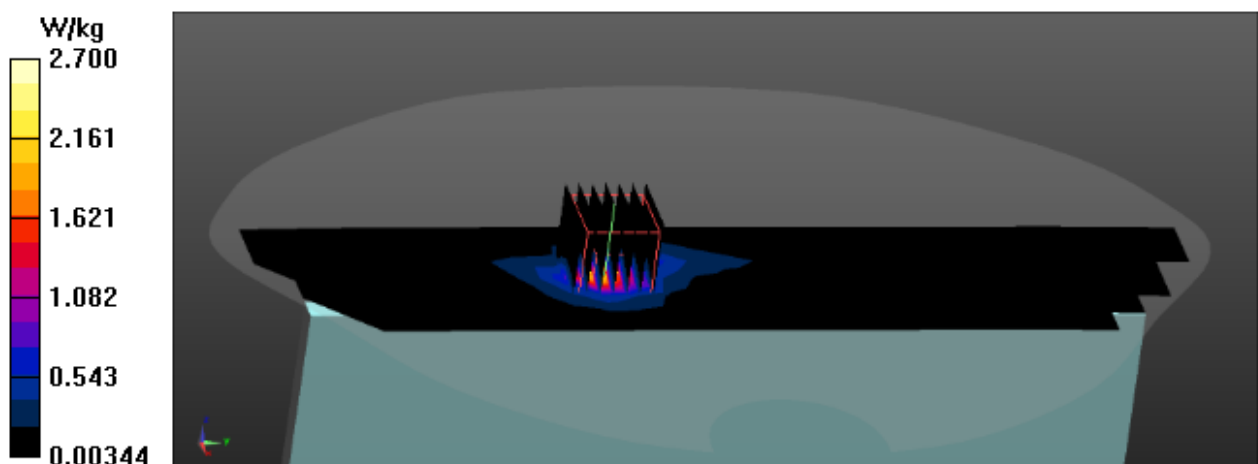
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.819 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.72 W/kg

SAR(1 g) = 1.13 W/kg ; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



5G WIFI_11N20_top Side_CH100 (Sensor is not triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 4.816 \text{ S/m}$; $\epsilon_r = 34.44$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.65, 4.65, 4.65) @ 5500 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

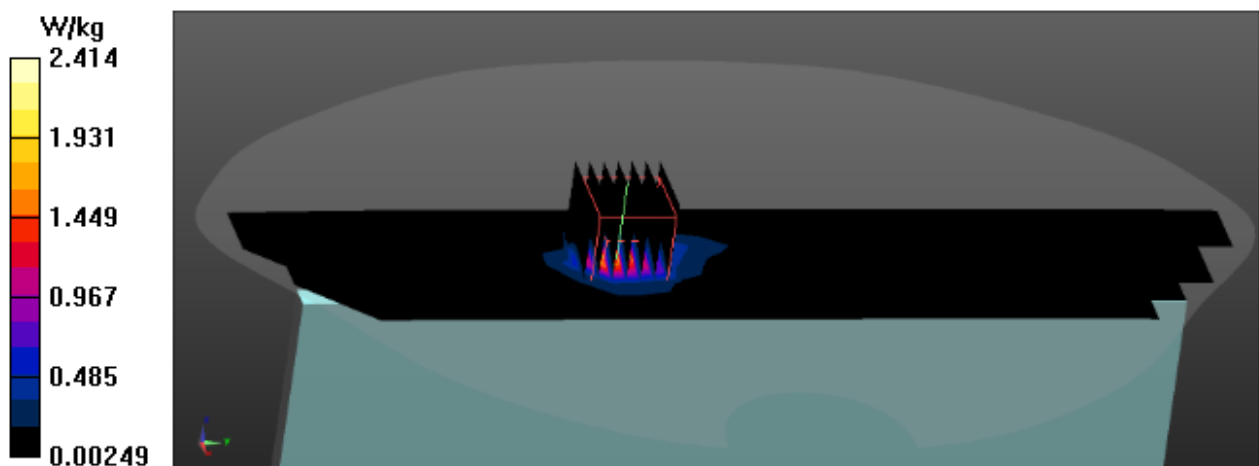
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.905 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 4.12 W/kg

SAR(1 g) = 0.924 W/kg ; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



5G WIFI_11N20_top Side_CH149 (Sensor is not triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.069 \text{ S/m}$; $\epsilon_r = 34.046$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.57 W/kg

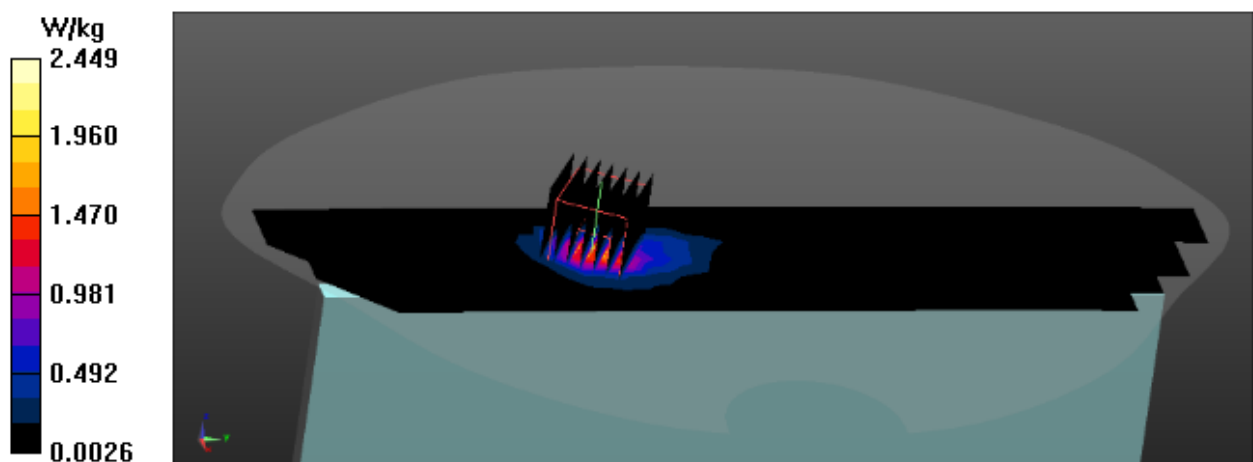
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.386 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 0.913 W/kg ; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 2.45 W/kg



2G WIFI_11B_top Side_CH11 (Sensor is triggered)

Communication System: UID 0, WiFi 802.11 b (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 Head Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.896 \text{ S/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.36, 7.36, 7.36) @ 2462 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2033
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x26x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.50 W/kg

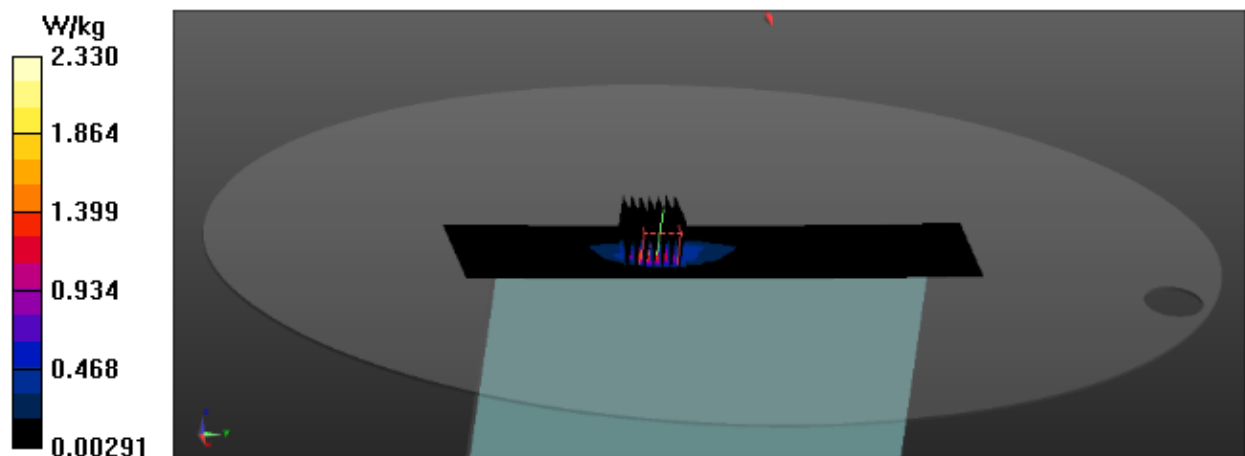
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.86 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 0.845 W/kg ; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



5G WIFI_11N40_top Side_CH38 (Sensor is triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5190 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5190 \text{ MHz}$; $\sigma = 4.555 \text{ S/m}$; $\epsilon_r = 34.812$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5190 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.344 W/kg

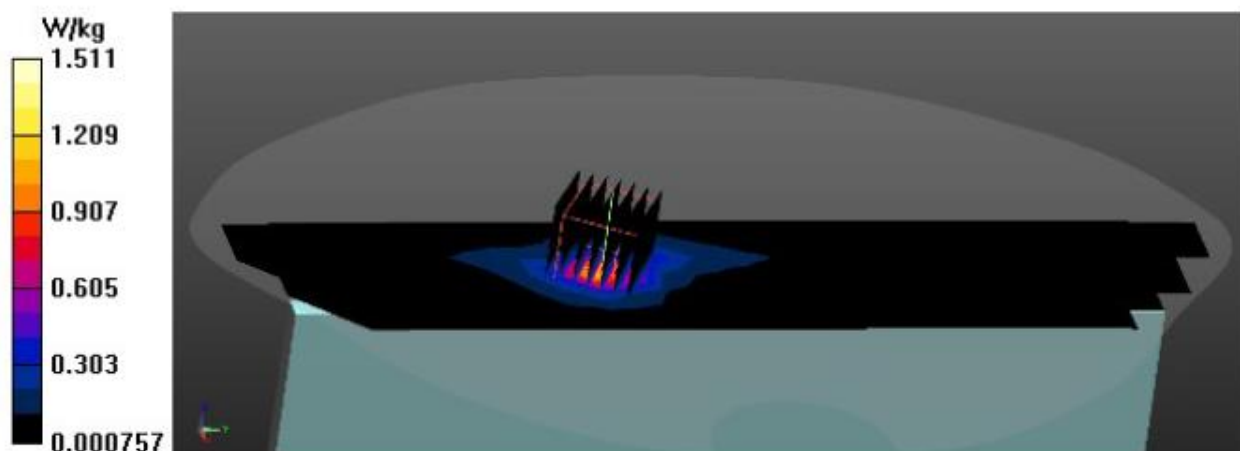
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.0770 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.246 W/kg ; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.907 W/kg



5G WIFI_11N40_top Side_CH54 (Sensor is triggered)

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.625 \text{ S/m}$; $\epsilon_r = 34.761$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.25, 5.25, 5.25) @ 5270 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.667 W/kg

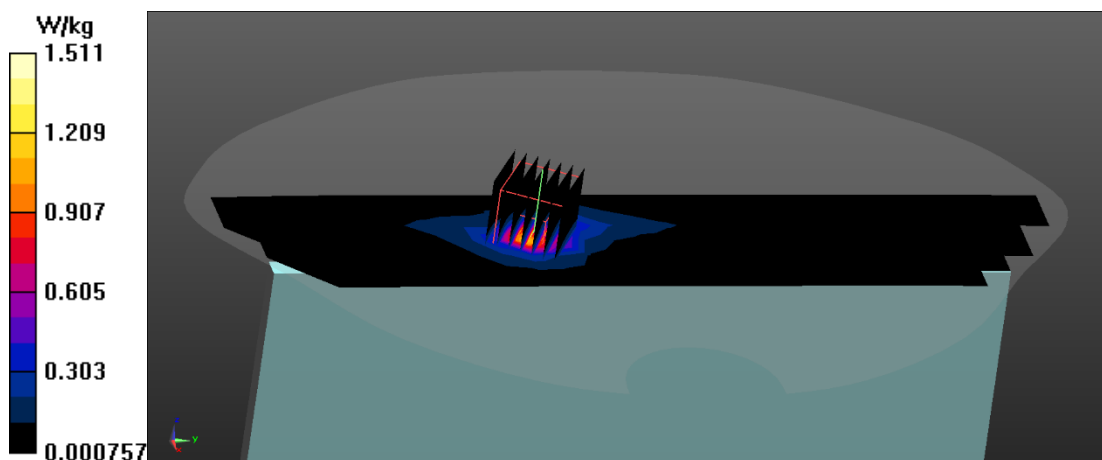
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.569 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 0.515 W/kg ; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



Date: 07/09/2024

5G WIFI_11N40_top Side_CH102 (Sensor is triggered)

Communication System: UID 0, WiFi 802.11 n HT40 (0); Frequency: 5510 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5510 \text{ MHz}$; $\sigma = 4.826 \text{ S/m}$; $\epsilon_r = 34.423$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.65, 4.65, 4.65) @ 5510 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.37 W/kg

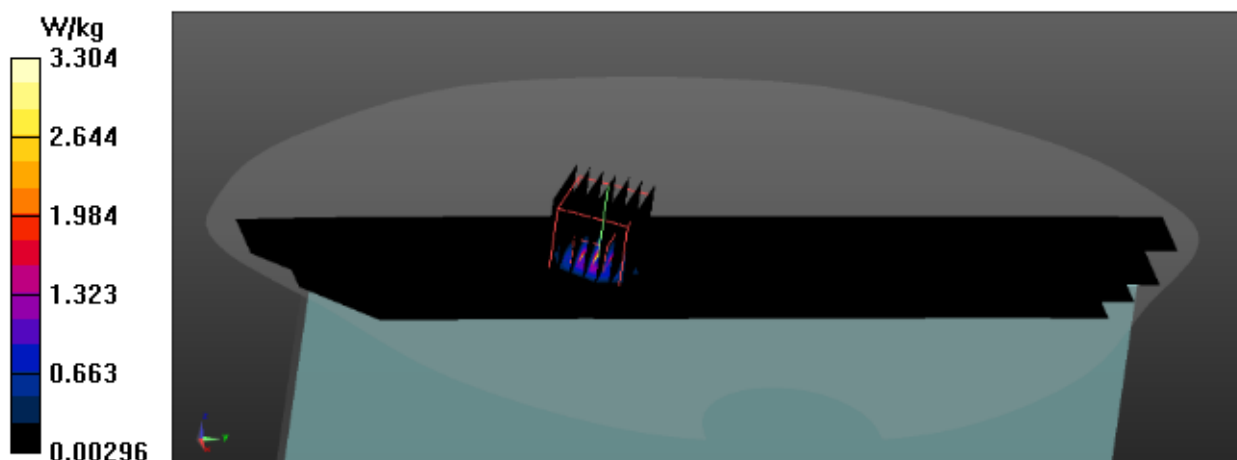
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.305 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.23 W/kg

SAR(1 g) = 1.07 W/kg ; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 3.30 W/kg



Date: 07/09/2024

Date: 07/09/2024

5G WIFI_11N40_top Side_CH151 (Sensor is triggered)

Communication System: UID 0, WiFi 802.11 n HT40 (0); Frequency: 5755 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 5.079 \text{ S/m}$; $\epsilon_r = 34.025$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.65, 4.65, 4.65) @ 5510 MHz; Calibrated: 3/26/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 3/18/2024
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.11 W/kg

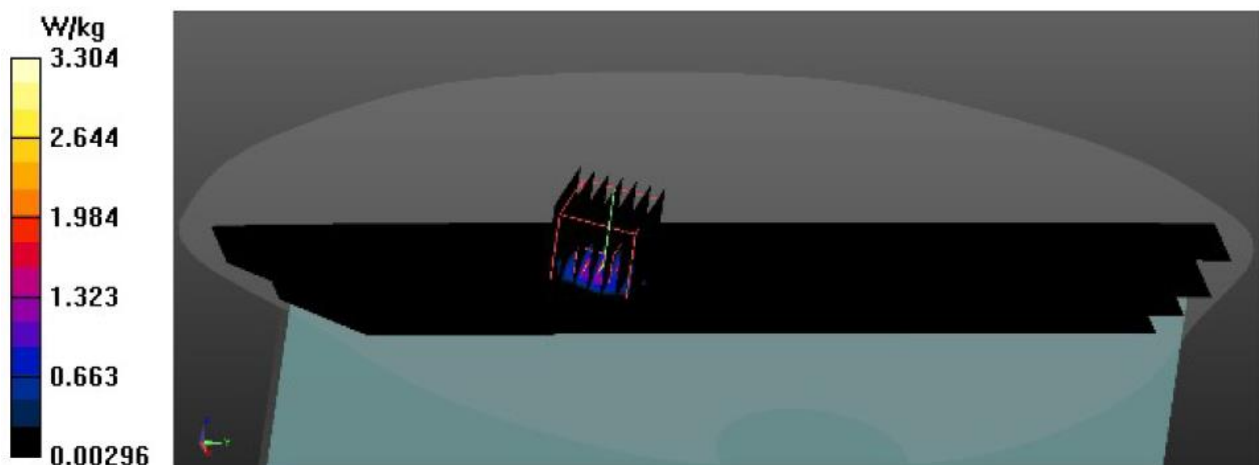
Zoom Scan (7x7x13)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.79 W/kg

SAR(1 g) = 0.690 W/kg ; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 2.67 W/kg



ANNEX D: System Validation

The SAR system must be validated against its performance specifications before it is deployed. When SAR probes, system components or software are changed, upgraded or recalibrated, these must be validated with the SAR system(s) that operates with such components.

Table D.1: System Validation Part 1

System No.	Probe SN.	Liquid name	Validation date	Frequency point	Permittivity ϵ	Conductivity σ (S/m)
1	1055	Body	2023-12-10	750 MHz	42.370	0.894
2	4d196	Body	2023-12-11	835 MHz	42.221	0.896
3	1d182	Body	2023-12-12	900 MHz	41.303	0.960
4	1138	Body	2023-12-13	1750 MHz	40.569	1.404
5	5d203	Body	2023-12-14	1900 MHz	40.383	1.382
6	966	Body	2023-12-15	2450 MHz	38.250	1.882
7	1108	Body	2023-12-16	2600 MHz	37.623	2.056
8	1218	Body	2023-12-17	5200 MHz	34.807	4.564
9	1218	Body	2023-12-18	5300 MHz	34.738	4.649
10	1218	Body	2023-12-19	5600 MHz	34.278	4.920
11	1218	Body	2023-12-20	5800 MHz	33.938	5.124

Table D.2: System Validation Part 2

CW Validation	Sensitivity	PASS	PASS
	Probe linearity	PASS	PASS
	Probe Isotropy	PASS	PASS
Mod Validation	MOD.type	QPSK	QPSK
	Duty factor	PASS	PASS
	PAR	PASS	PASS