## WiFI-2.4G

Frequency: 2437 MHz; Duty Cycle: 1:1;      Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 2437 MHz; σ = 1.806 S/m; $\varepsilon_r$ = 38.487; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook computer/802.11b/Bottom/Main Ant/Ch 6/Area Scan (6x8x1):
Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.530 W/kg

## Notebook computer/802.11b/Bottom/Main Ant/Ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
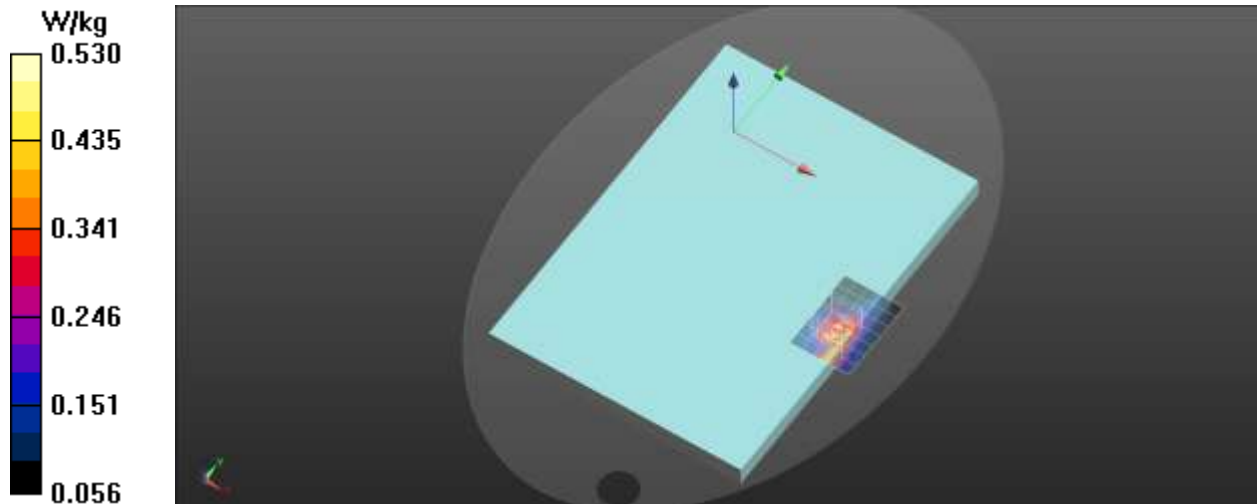Reference Value = 5.083 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.822 W/kg
**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.217 W/kg**
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 49.9%
Maximum value of SAR (measured) = 0.652 W/kg

## WiFI-2.4G

Frequency: 2412 MHz; Duty Cycle: 1:1;　　Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.779 S/m; $\varepsilon_r$ = 38.582; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook computer/802.11b/Bottom/Aux Ant/Ch 1/Area Scan (6x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.641 W/kg

## Notebook computer/802.11b/Bottom/Aux Ant/Ch 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

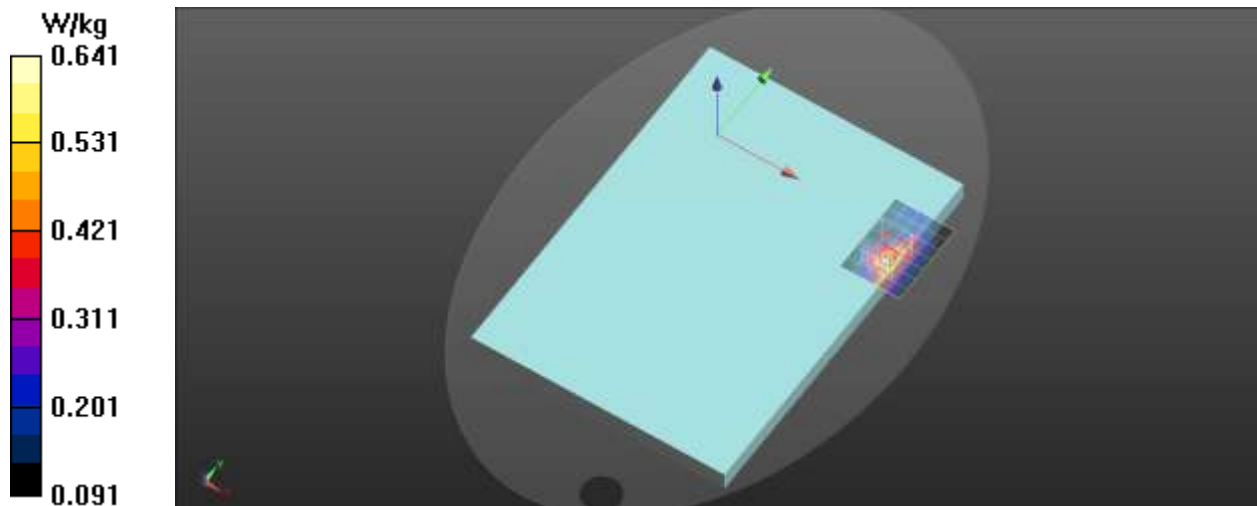Reference Value = 5.650 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.11 W/kg
**SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.265 W/kg**
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 39.5%
Maximum value of SAR (measured) = 0.792 W/kg

## Bluetooth

Frequency: 2480 MHz; Duty Cycle: 1:1;     Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: f = 2480 MHz; σ = 1.853 S/m; $\varepsilon_r$ = 38.319; ρ = 1000 kg/m$^3$

DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(7.6, 7.6, 7.6) @ 2480 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook Computer/Bluetooth/Bottom/Aux Ant/Ch 78/Area Scan (6x8x1):
Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.143 W/kg

## Notebook Computer/Bluetooth/Bottom/Aux Ant/Ch 78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
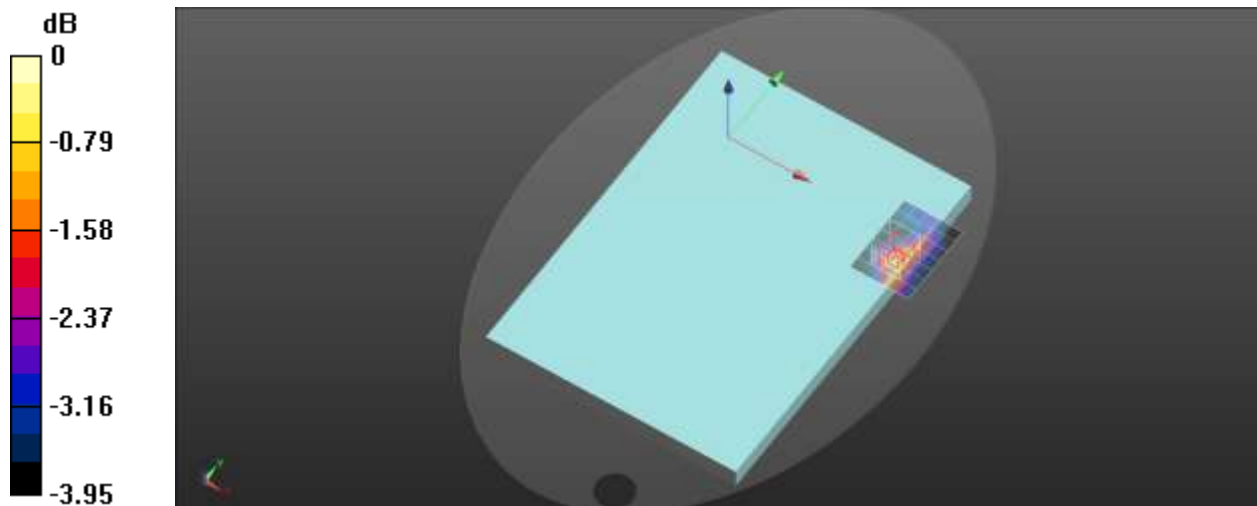Reference Value = 5.469 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.200 W/kg
**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.096 W/kg**
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 67.8%
Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

## WiFi-5G

Frequency: 5290 MHz; Duty Cycle: 1:1;       Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 5290 MHz; σ = 4.699 S/m; $\varepsilon_r$ = 35.274; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.96, 4.96, 4.96) @ 5290 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook Computer/802.11ac80/Bottom/Main Ant/Ch 58/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

## Notebook Computer/802.11ac80/Bottom/Main Ant/Ch 58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

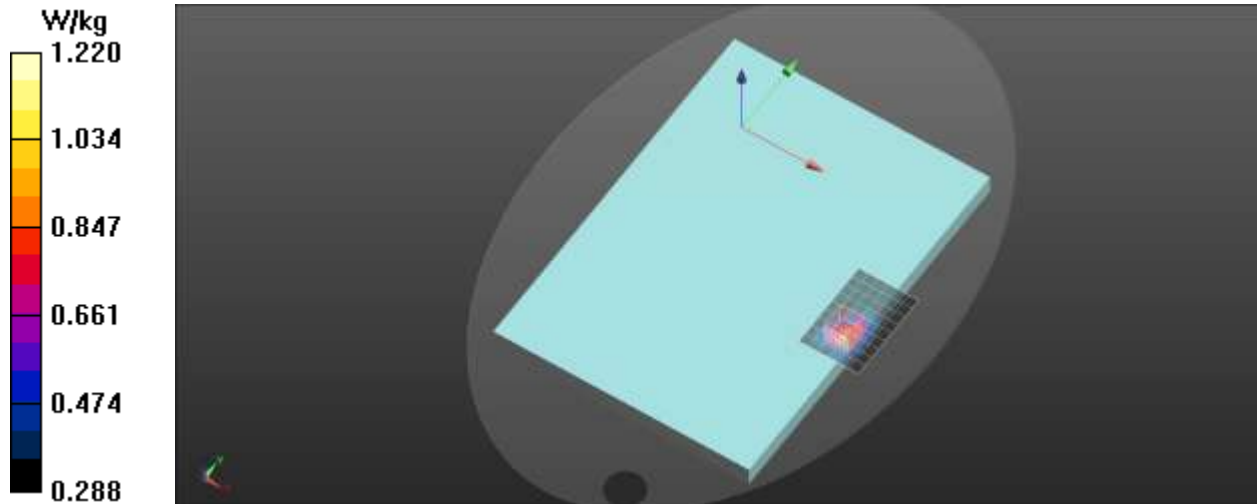Reference Value = 7.191 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.460 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

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

## WiFi-5G

Frequency: 5290 MHz; Duty Cycle: 1:1;      Room Ambient Temperature: 23.0°C; Liquid
Temperature: 22.0°C

Medium parameters used (interpolated): f = 5290 MHz; σ = 4.699 S/m; $ε_r$ = 35.274; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.96, 4.96, 4.96) @ 5290 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook Computer/802.11ac80/Bottom/Aux Ant/Ch 58/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.702 W/kg

## Notebook Computer/802.11ac80/Bottom/Aux Ant/Ch 58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
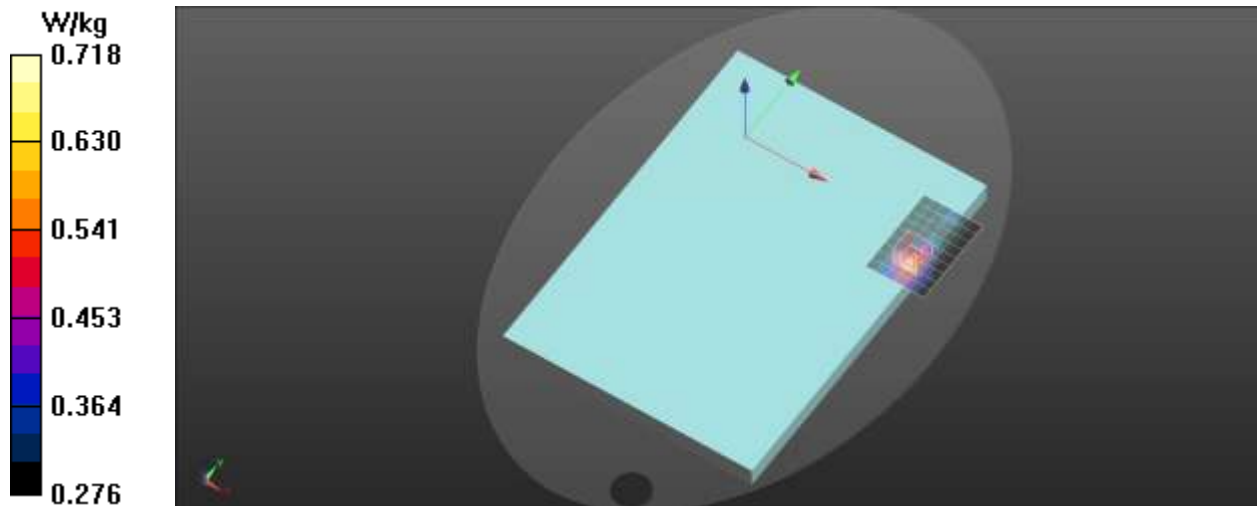Reference Value = 7.368 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.15 W/kg
**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.375 W/kg**
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 0.718 W/kg

## WiFi-5G

Frequency: 5530 MHz; Duty Cycle: 1:1;      Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 5530 MHz; σ = 4.976 S/m; $\varepsilon_r$ = 34.659; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.7, 4.7, 4.7) @ 5530 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook computer/802.11ac80/Bottom/Main Ant/Ch 106/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.17 W/kg

## Notebook computer/802.11ac80/Bottom/Main Ant/Ch 106/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
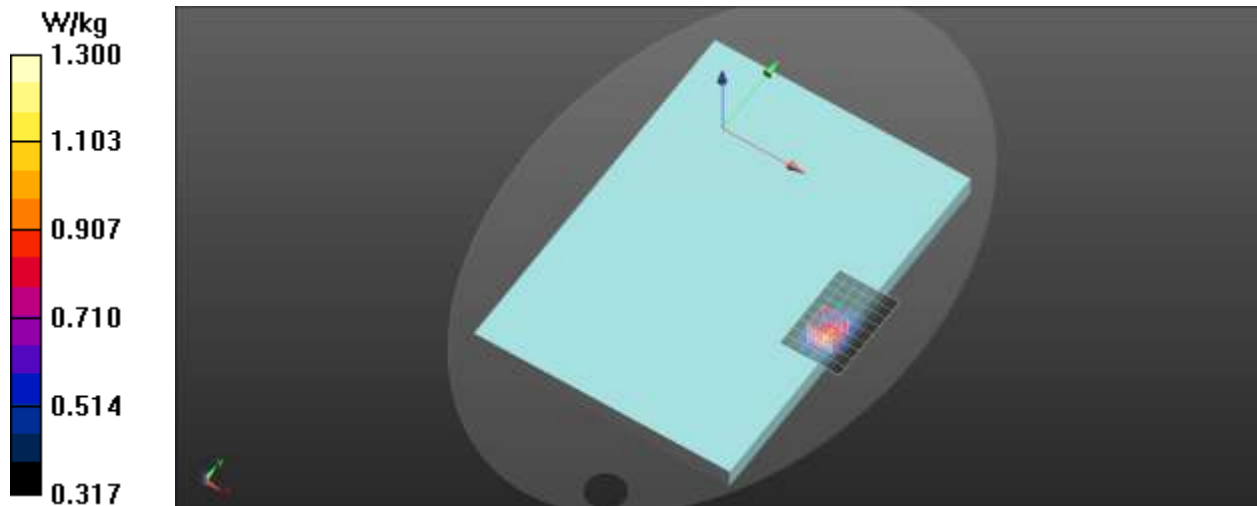Reference Value = 7.123 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.489 W/kg**
Smallest distance from peaks to all points 3 dB below = 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 63.3%
Maximum value of SAR (measured) = 1.30 W/kg

## WiFi-5G

Frequency: 5610 MHz; Duty Cycle: 1:1;      Room Ambient Temperature: 23.0°C; Liquid
Temperature: 22.0°C
Medium parameters used (interpolated): f = 5610 MHz; $\sigma$ = 5.068 S/m; $\varepsilon_r$ = 34.463; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than
0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.7, 4.7, 4.7) @ 5610 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-
Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook Computer/802.11ac80/Bottom/Aux Ant/Ch 122/Area Scan

**(7x10x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.24 W/kg

## Notebook Computer/802.11ac80/Bottom/Aux Ant/Ch 122/Zoom Scan

**(7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
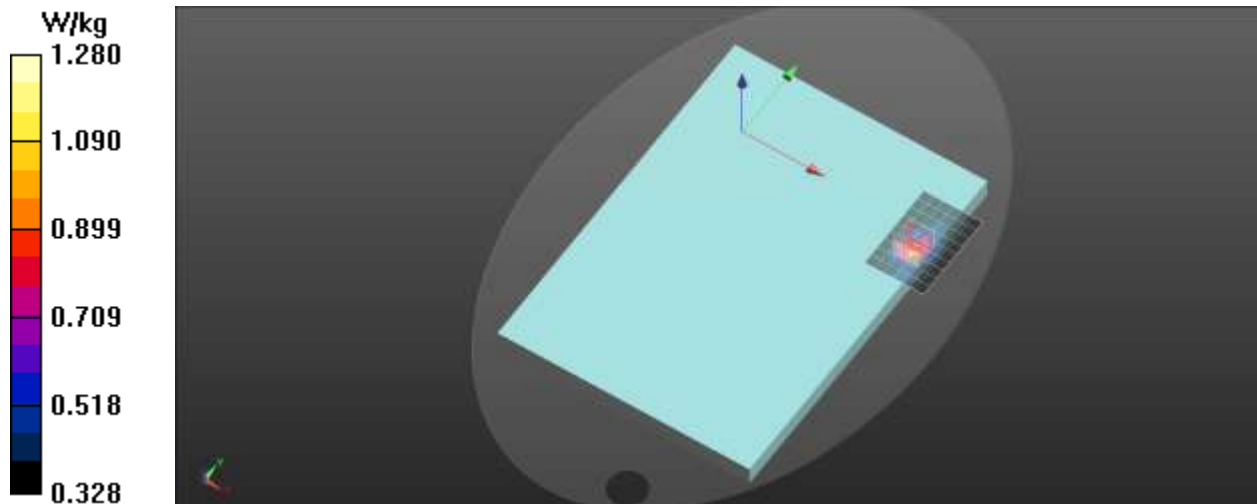Reference Value = 7.499 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.07 W/kg
**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.486 W/kg**
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 1.28 W/kg

## WiFi-5G

Frequency: 5775 MHz; Duty Cycle: 1:1;       Room Ambient Temperature: 23.0°C; Liquid
Temperature: 22.0°C
Medium parameters used (interpolated): f = 5775 MHz; σ = 5.274 S/m; $\varepsilon_r$ = 34.101; ρ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than
0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68) @ 5775 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-
Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook computer/802.11ac80/Bottom/Main Ant/Ch 155/Area Scan
(7x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.20 W/kg

## Notebook computer/802.11ac80/Bottom/Main Ant/Ch 155/Zoom Scan
(7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
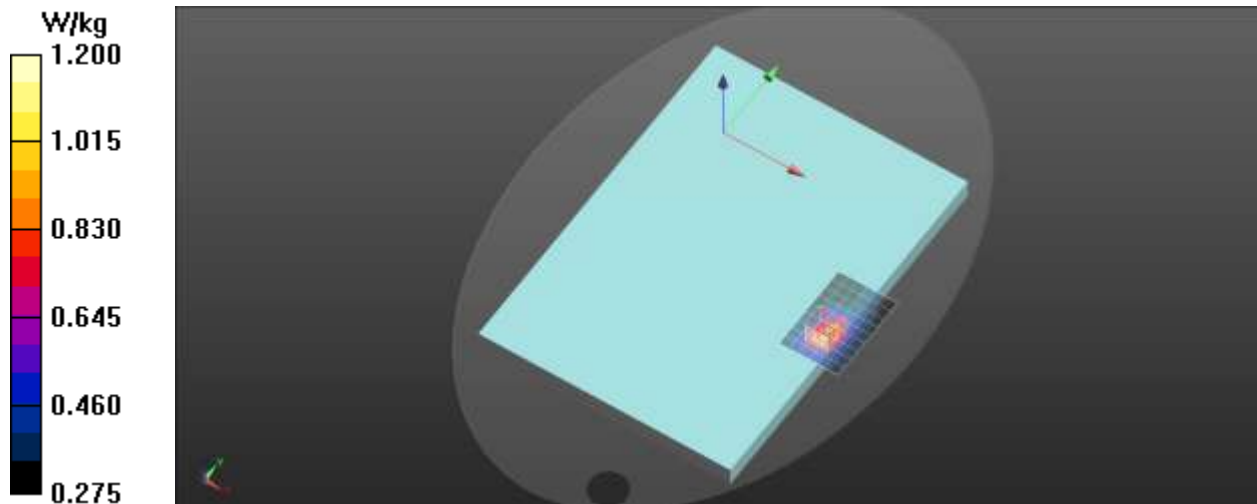Reference Value = 7.551 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.02 W/kg
**SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.525 W/kg**
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 1.35 W/kg

## WiFi-5G

Frequency: 5795 MHz; Duty Cycle: 1:1;     Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): f = 5795 MHz; σ = 5.298 S/m; $\varepsilon_r$ = 34.063; ρ = 1000 kg/m$^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and  with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1486; Calibrated: 2020/6/4
- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68) @ 5795 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

## Notebook computer/802.11n40/Bottom/Aux Ant/Ch 159/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

## Notebook computer/802.11n40/Bottom/Aux Ant/Ch 159/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.614 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.543 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 1.61 W/kg