Test Laboratory: BTL Date: 2021/5/5

### **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;  $\sigma$  = 1.869 S/m;  $\varepsilon_r$  = 40.114;  $\rho$  = 1000 kg/m<sup>3</sup>

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)
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240

### Configuration/Tablet/Aux Ant/Rear/Buletooth\_Ch78/Area Scan (6x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.107 W/kg

# Configuration/Tablet/Aux Ant/Rear/Buletooth\_Ch78/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.326 V/m; Power Drift = 0.02 dB

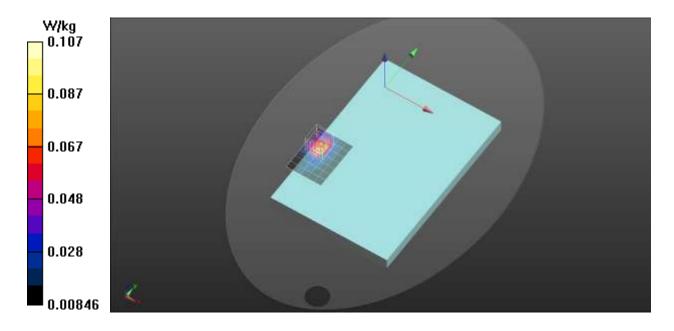
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.040 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 0.145 W/kg



### Wi-Fi 2.4GHz

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

Temperature: 22.0°C

Medium parameters used: f = 2412 MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 40.357$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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

## Configuration/Tablet/Main Ant/Rear/802.11b\_Ch1/Area Scan (6x8x1):

Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.17 W/kg

## Configuration/Tablet/Main Ant/Rear/802.11b\_Ch1/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

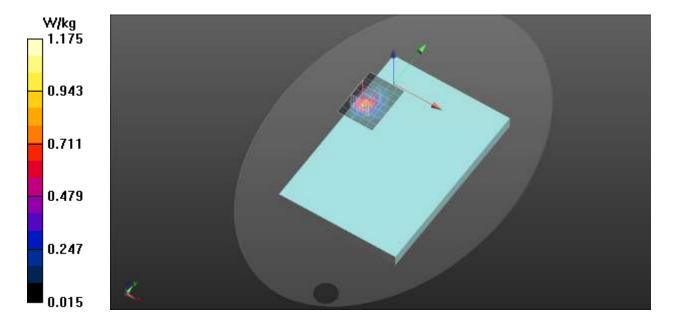
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.235 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

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



#### Wi-Fi 2.4GHz

Frequency: 2472 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid

Temperature: 22.0°C

Medium parameters used: f = 2472 MHz;  $\sigma$  = 1.86 S/m;  $\epsilon_r$  = 40.153;  $\rho$  = 1000 kg/m<sup>3</sup>

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) @ 2472 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

## Configuration/Tablet/Aux Ant/Rear/802.11b\_Ch13/Area Scan (6x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.626 W/kg

## Configuration/Tablet/Aux Ant/Rear/802.11b\_Ch13/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.175 V/m; Power Drift = 0.08 dB

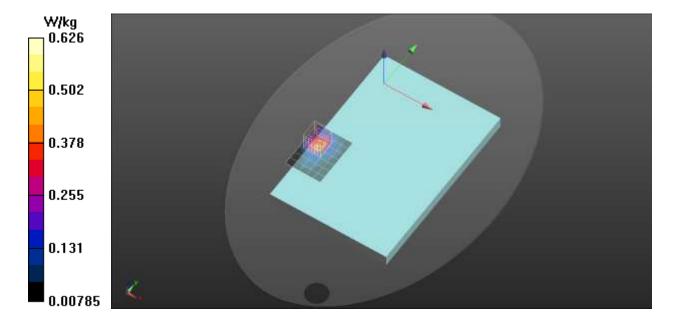
Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.160 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 0.687 W/kg



Test Laboratory: BTL Date: 2021/5/3

#### WiFi-5GHz

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;  $\sigma = 4.893$  S/m;  $\epsilon_r = 35.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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

### Configuration/Tablet/Main Ant/Rear/802.11ac80\_Ch58/Area Scan (6x8x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.41 W/kg

# Configuration/Tablet/Main Ant/Rear/802.11ac80\_Ch58/Zoom Scan

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

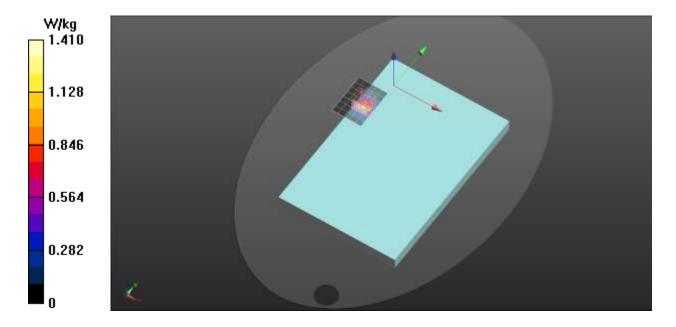
Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.215 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 1.91 W/kg



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;  $\sigma = 4.893$  S/m;  $\epsilon_r = 35.853$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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

### Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch58/Area Scan (6x8x1):

Measurement grid: dx=10mm, dy=10mm

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

## Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch58/Zoom Scan

(7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

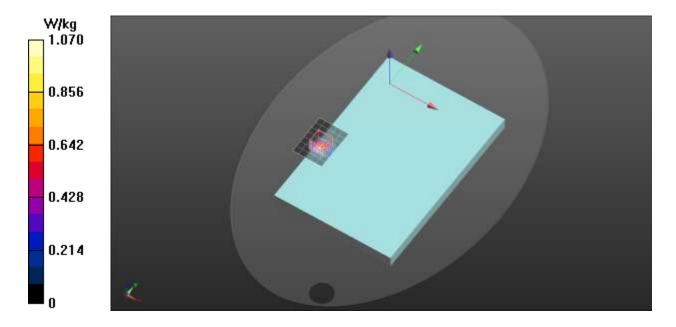
Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.117 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 42.4%

Maximum value of SAR (measured) = 1.13 W/kg



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;  $\sigma = 5.182$  S/m;  $\epsilon_r = 35.249$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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

## Configuration/Main/Tablet/Main Ant/Rear/802.11ac80\_Ch106/Area Scan

**(6x8x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 1.91 W/kg

### Configuration/Main/Tablet/Main Ant/Rear/802.11ac80\_Ch106/Zoom Scan

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

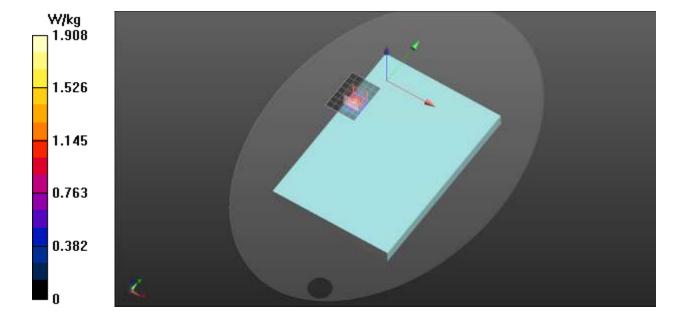
Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.208 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 1.92 W/kg



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;  $\sigma = 5.182$  S/m;  $\epsilon_r = 35.249$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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

## Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch106 /Area Scan

**(6x8x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 2.48 W/kg

### Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch106 /Zoom Scan

(7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

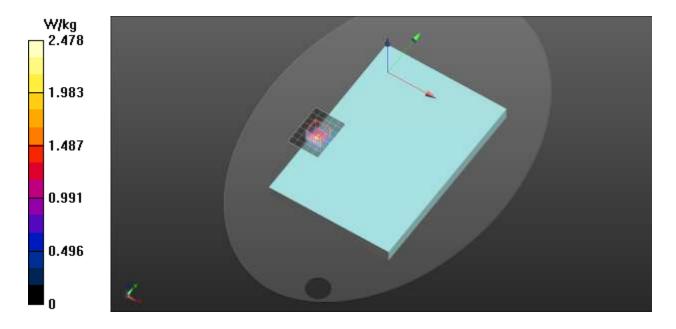
Peak SAR (extrapolated) = 4.89 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.287 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 41.3%

Maximum value of SAR (measured) = 2.71 W/kg



Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid

Temperature: 22.0°C

Medium parameters used (interpolated): f = 5755 MHz;  $\sigma = 5.456$  S/m;  $\varepsilon_r = 34.706$ ;  $\rho = 1000$  kg/m<sup>3</sup> 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) @ 5755 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

# Configuration/Tablet/Main Ant/Rear/802.11n40\_Ch151/Area Scan (6x8x1):

Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 2.15 W/kg

## Configuration/Tablet/Main Ant/Rear/802.11n40\_Ch151/Zoom Scan

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

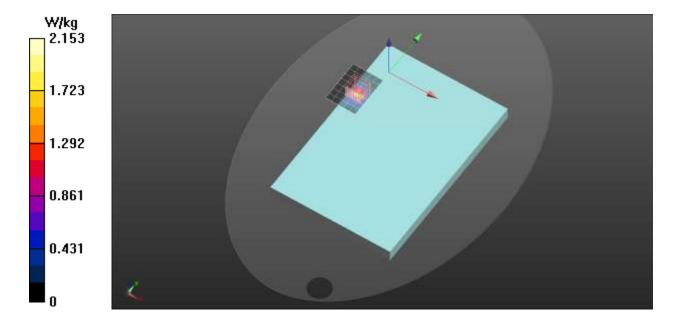
Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.230 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 2.58 W/kg



Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid

Temperature: 22.0°C

Medium parameters used: f = 5775 MHz;  $\sigma$  = 5.48 S/m;  $\epsilon_r$  = 34.681;  $\rho$  = 1000 kg/m³

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

## Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch155/Area Scan (6x8x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.930 W/kg

## Configuration/Tablet/Aux Ant/Rear/802.11ac80\_Ch155/Zoom Scan

(7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.094 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 37.9%

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

