

Test Laboratory: BTL Inc.

Date: 2021/3/15

## W04\_802.11b\_CH1\_Rear Face\_0cm\_Ant 1

### DUT: Tablet;

Communication System: UID 10670 - AAA, Bluetooth Low Energy;

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.833$  S/m;  $\epsilon_r = 39.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.56, 7.56, 7.56) @ 2412 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE3 Sn420; Calibrated: 2020/6/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (10x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.28 W/kg

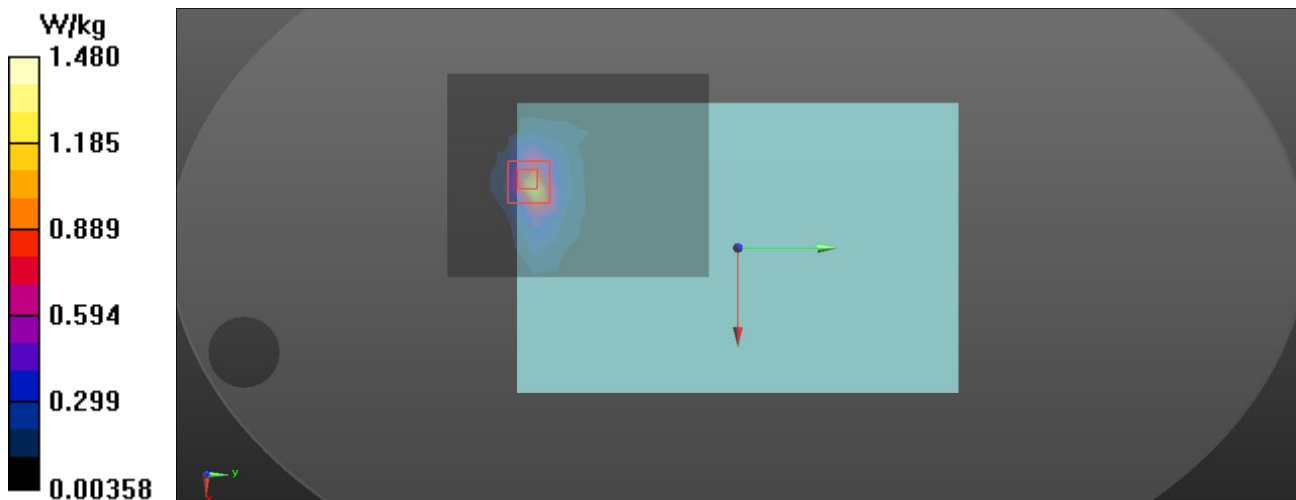
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 2.40 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.368 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg



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## W08\_802.11b\_CH1\_Right Side\_0cm\_Ant 2

### DUT: Tablet;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.833$  S/m;  $\epsilon_r = 39.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.56, 7.56, 7.56) @ 2412 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn420; Calibrated: 2020/6/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.859 W/kg

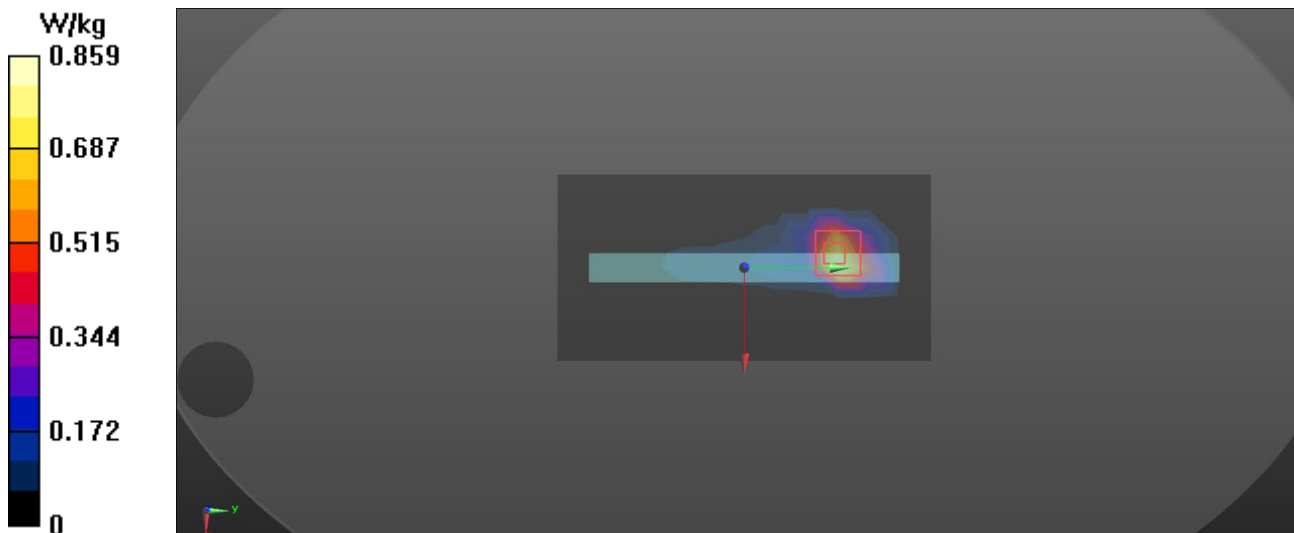
**/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.768 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.358 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



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## B11\_BT BLE\_CH78\_Rear Face\_0cm\_Ant 1

### DUT: Tablet;

Communication System: UID 0, Bluetooth (0);

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.913$  S/m;  $\epsilon_r = 38.855$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.56, 7.56, 7.56) @ 2480 MHz; Calibrated: 2020/10/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (10x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.147 W/kg

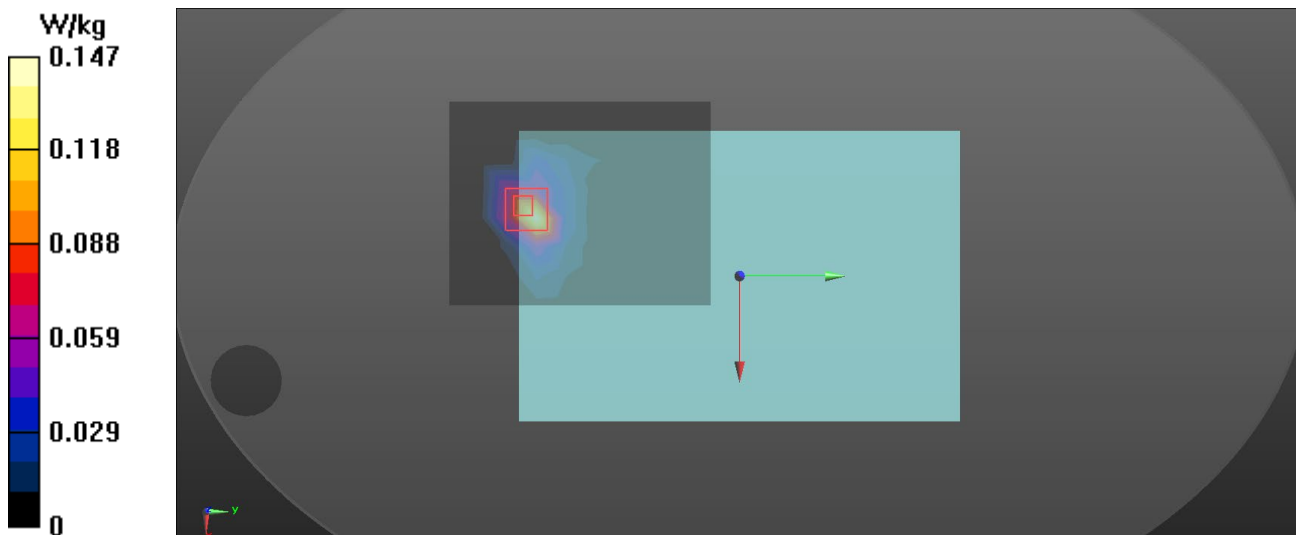
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

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

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.052 W/kg**

Maximum value of SAR (measured) = 0.260 W/kg



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**W14\_802.11ac VHT80\_CH42\_Right Side\_0cm\_Ant 1**

**DUT: Tablet;**

Communication System: UID 0, WI-FI(U-NII-1) (0);

Frequency: 5210 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5210$  MHz;  $\sigma = 4.51$  S/m;  $\epsilon_r = 36.039$ ;  $\rho = 1000$  kg/m<sup>3</sup>

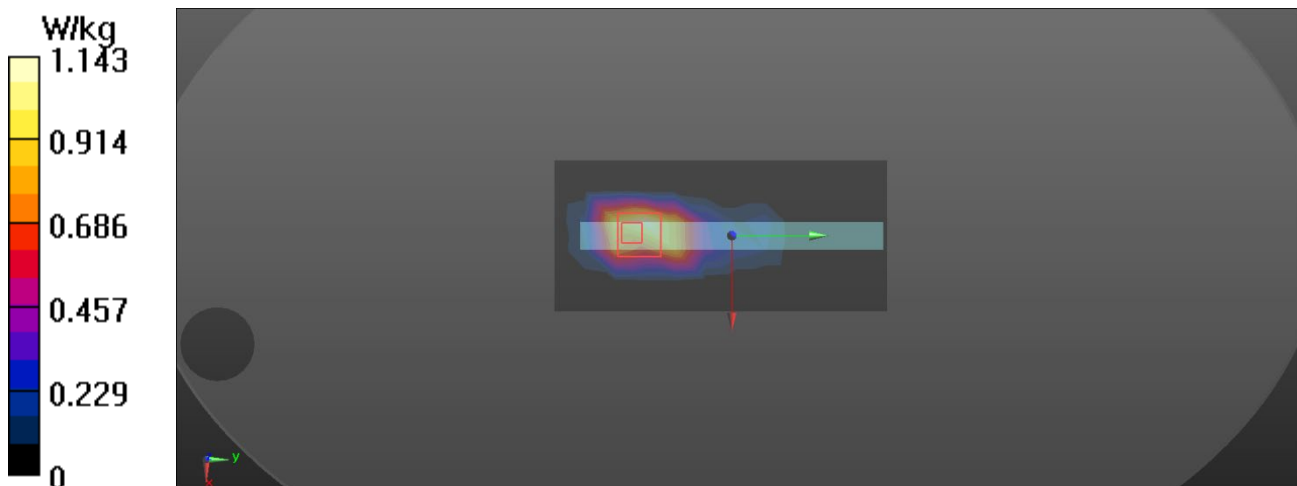
Ambient Temperature: 23.4°C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.8, 5.8, 5.8) @ 5210 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.14 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 11.76 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 4.28 W/kg  
**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.292 W/kg**  
Maximum value of SAR (measured) = 2.42 W/kg



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## W20\_802.11ac VHT80\_CH58\_Right Side\_0cm\_Ant 2

### DUT: Tablet;

Communication System: UID 0, WI-FI(U-NII-2A) (0);

Frequency: 5290 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5290$  MHz;  $\sigma = 4.59$  S/m;  $\epsilon_r = 35.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

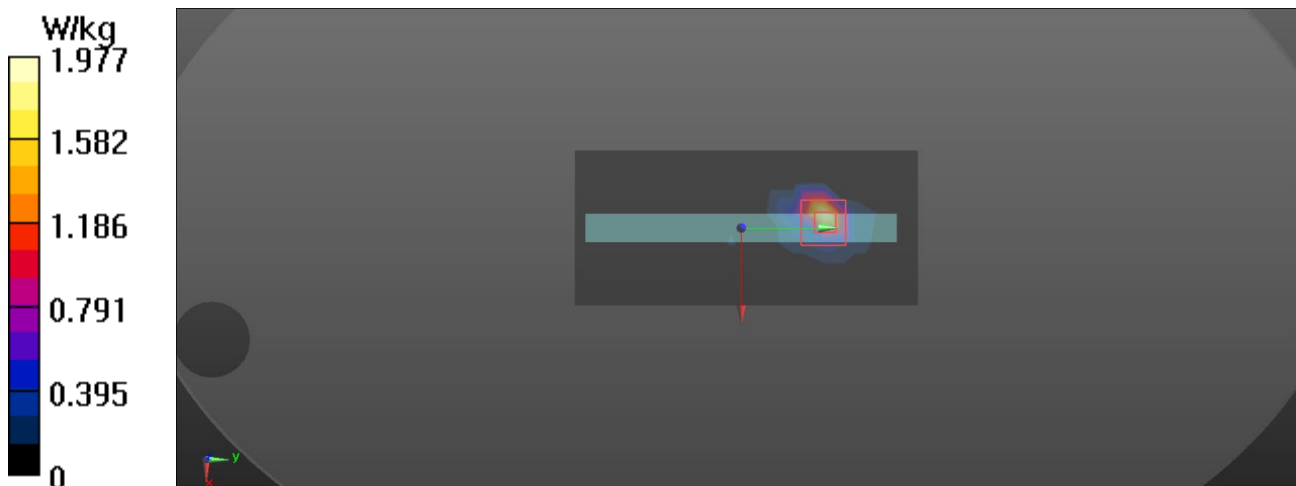
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.2 °C

### DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5290 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.98 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 10.33 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 5.36 W/kg  
**SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.245 W/kg**  
Maximum value of SAR (measured) = 2.71 W/kg



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## W26\_802.11ac VHT80\_CH122\_Right Side\_0cm\_Ant 1

### DUT: Tablet;

Communication System: UID 0, WI-FI(U-NII-2C) (0);

Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5610$  MHz;  $\sigma = 4.938$  S/m;  $\epsilon_r = 35.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

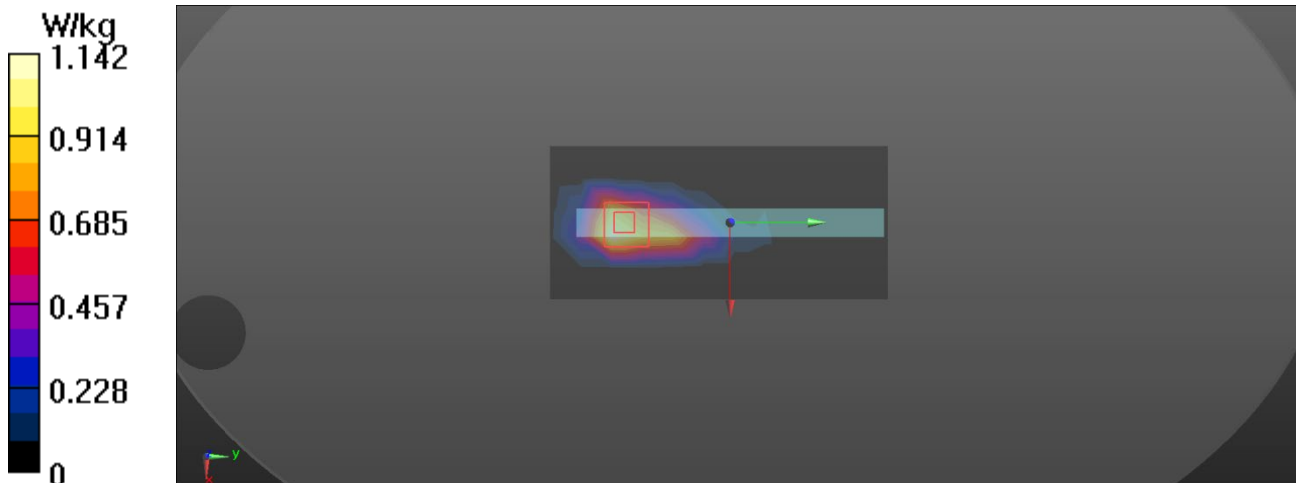
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.2 °C

### DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(4.94, 4.94, 4.94) @ 5610 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.14 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 8.688 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 5.47 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.308 W/kg**  
Maximum value of SAR (measured) = 2.92 W/kg



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## W32\_802.11ac VHT80\_CH106\_Right Side\_0cm\_Ant 2

### DUT: Tablet;

Communication System: UID 0, WI-FI(U-NII-2C) (0);

Frequency: 5530 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5530$  MHz;  $\sigma = 4.866$  S/m;  $\epsilon_r = 35.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

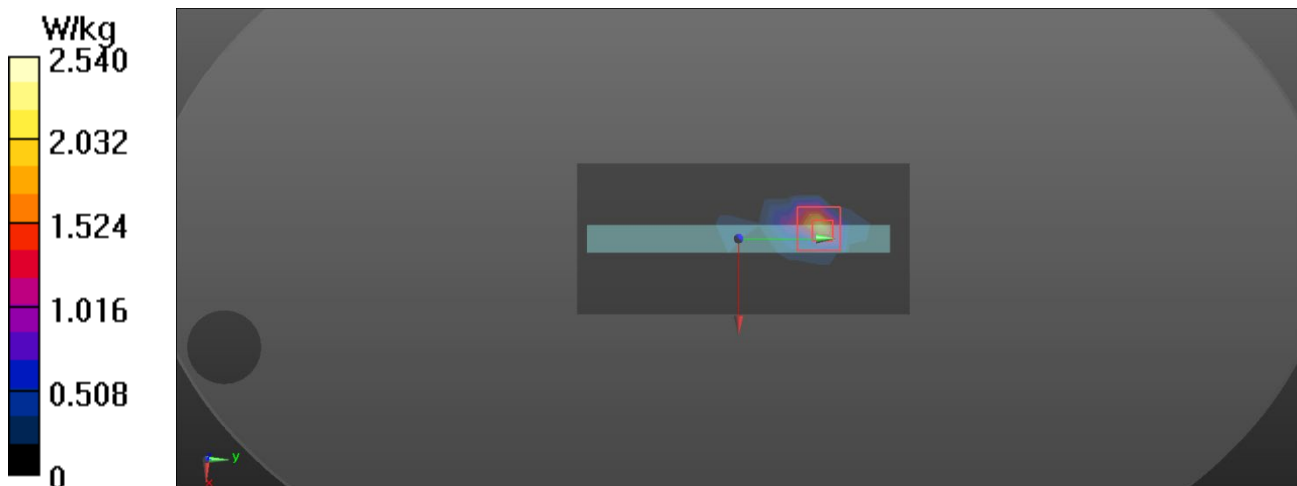
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.2 °C

### DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.1, 5.1, 5.1) @ 5530 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 2.22 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 13.87 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 5.92 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.265 W/kg**  
Maximum value of SAR (measured) = 2.54 W/kg



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### W38\_802.11ac VHT80\_CH155\_Right Side\_0cm\_Ant 1

#### DUT: Tablet;

Communication System: UID 0, WI-FI(U-NII-3) (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 34.743$ ;  $\rho = 1000$  kg/m<sup>3</sup>

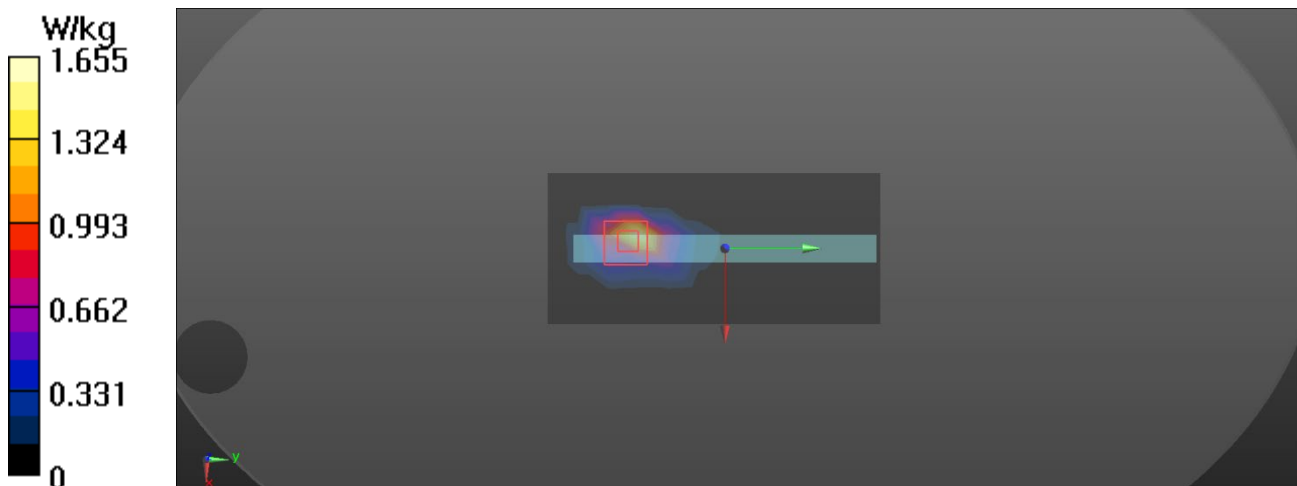
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.2 °C

#### DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.66 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 7.640 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 6.12 W/kg  
**SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.276 W/kg**  
Maximum value of SAR (measured) = 2.46 W/kg





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## W44\_802.11ac VHT80\_CH155\_Right Side\_0cm\_Ant 2

### DUT: Tablet;

Communication System: UID 0, WI-FI(U-NII-3) (0);

Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 34.743$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.2 °C

### DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5775 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: ELI v5.0\_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.33 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm  
Reference Value = 12.41 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 5.39 W/kg  
**SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.253 W/kg**  
Maximum value of SAR (measured) = 2.37 W/kg

