Test Laboratory: BTL Inc.   Date: 2021/3/18

W02_802.11b_CH6_Back of Keyboard_0cm_Ant A

DUT: Notebook;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.83 S/m; ε_r = 38.207; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.54, 4.54, 4.54) @ 2437 MHz; Calibrated: 2020/5/9

- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0

- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (14x10x1): Measurement grid: dx=12mm, dy=12mm
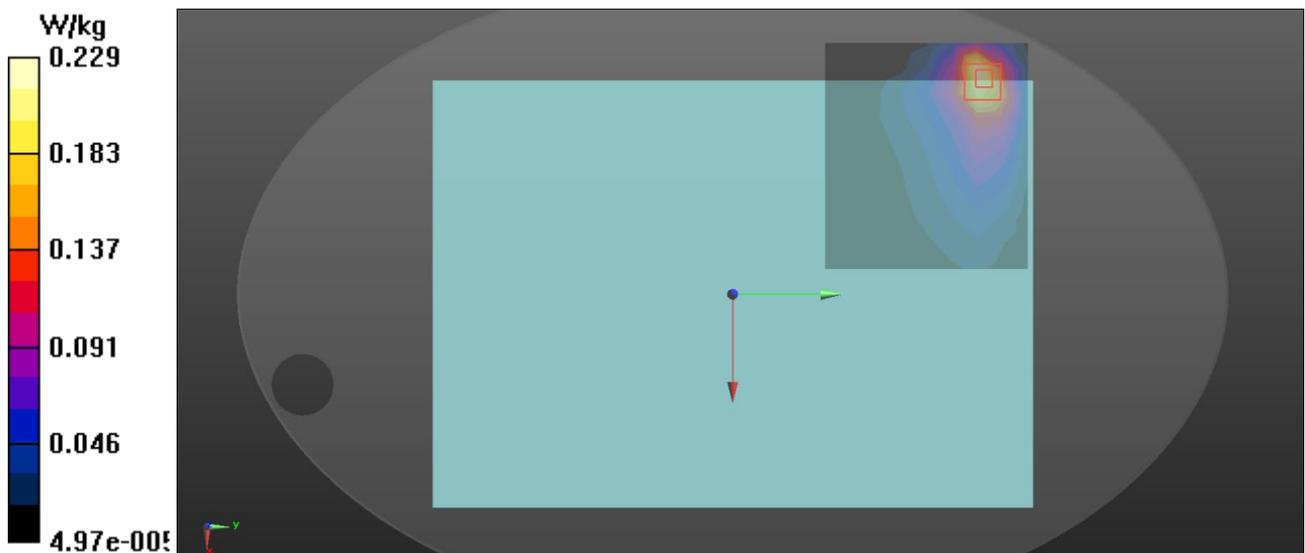Maximum value of SAR (measured) = 0.229 W/kg

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) = 0.417 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.253 W/kg

Test Laboratory: BTL Inc.   Date: 2021/3/18

W08_802.11b_CH6_Back of Keyboard_0cm_Ant B

DUT: Notebook;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.83 S/m; ε_r = 38.207; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(4.54, 4.54, 4.54) @ 2437 MHz; Calibrated: 2020/5/9

- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0

- Electronics: DAE4 Sn1390; Calibrated: 2020/11/6

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128

- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (14x10x1): Measurement grid: dx=12mm, dy=12mm
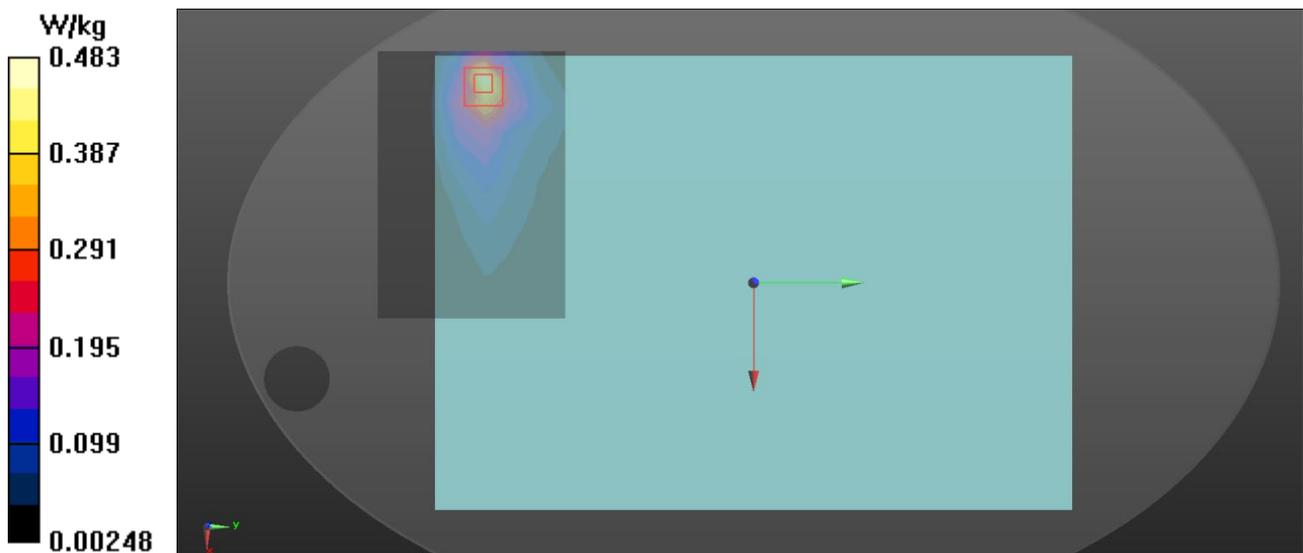Maximum value of SAR (measured) = 0.474 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.5370 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.483 W/kg

Test Laboratory: BTL Inc.   Date: 2021/3/27

B02_BT DH5_CH78_Back of Keyboard_0cm_Ant A

DUT: Notebook;

Communication System: UID 0, Bluetooth (0);
Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2480 MHz; σ = 1.856 S/m; ε_r = 38.385; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

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 (11x11x1): Measurement grid: dx=12mm, dy=12mm
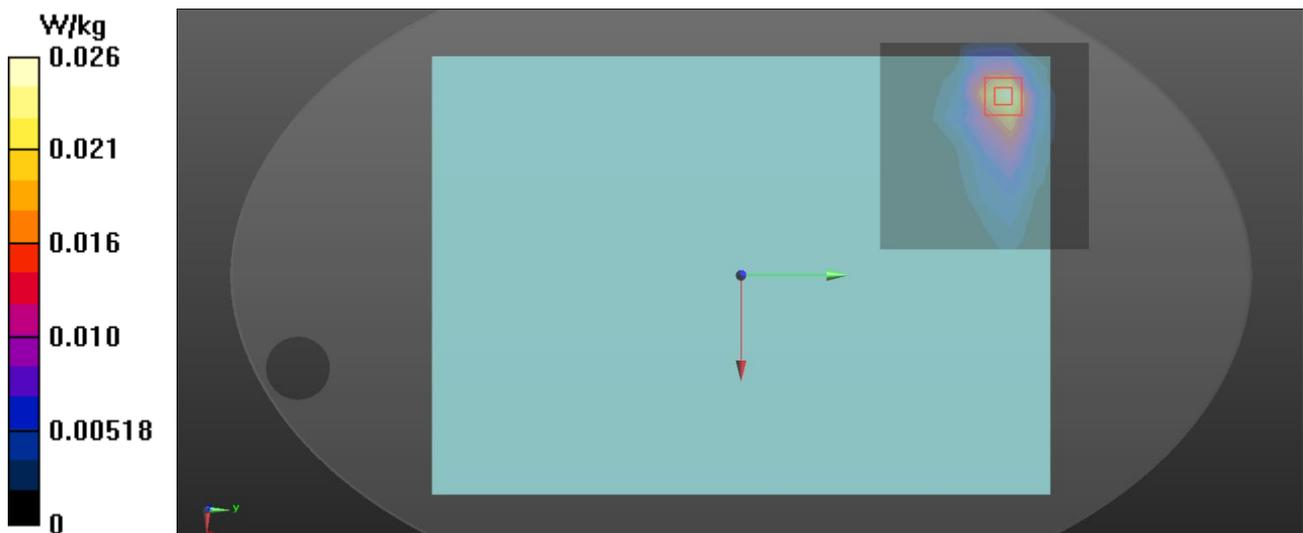Maximum value of SAR (measured) = 0.0260 W/kg

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) = 0.0320 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.008 W/kg
Maximum value of SAR (measured) = 0.0259 W/kg

Test Laboratory: BTL.Inc

Date: 2021/3/17

W19_802.11a_CH52_Back of Screen_2.5cm_Ant A

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-2A) (0);
Frequency: 5260 MHz; Duty Cycle: 1:1
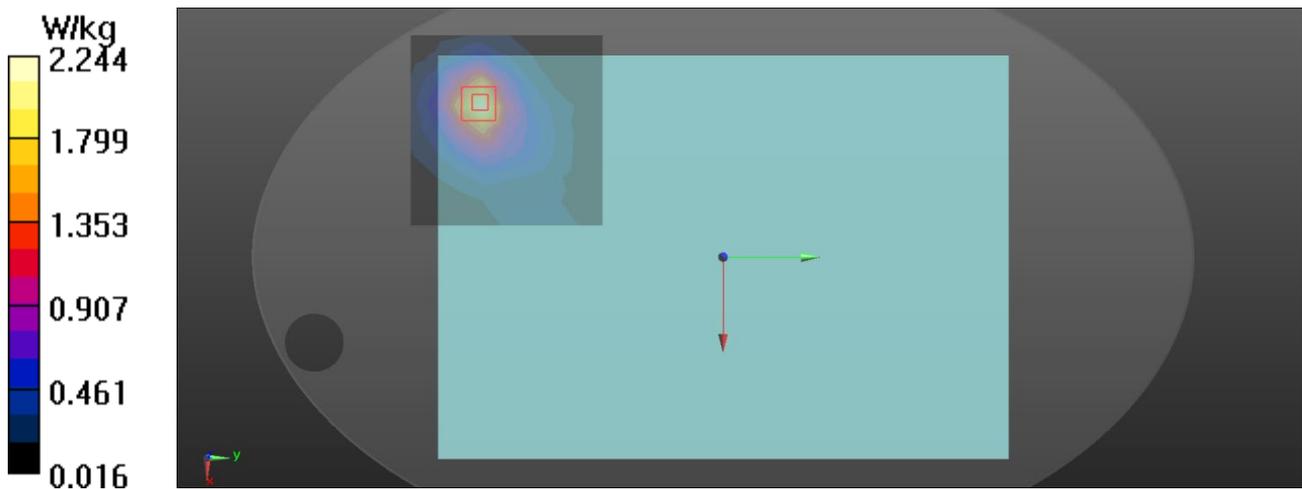Medium parameters used: f = 5260 MHz; σ = 4.865 S/m; ε_r = 36.077; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5260 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 (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.24 W/kg

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) = 3.68 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.438 W/kg
Maximum value of SAR (measured) = 2.24 W/kg

Test Laboratory: BTL.Inc

W26_802.11a_CH60_Back of Screen_2.5cm_Ant B

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-2A) (0);
Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5300 MHz; σ = 4.927 S/m; ε_r = 35.968; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.55, 5.55, 5.55) @ 5300 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 (14x14x1): Measurement grid: dx=10mm, dy=10mm
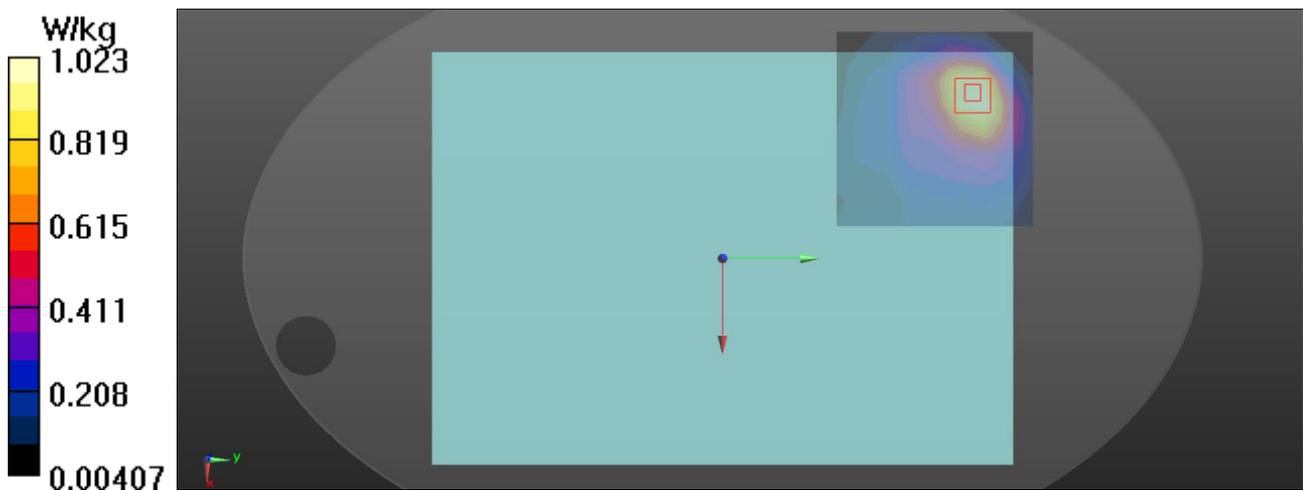Maximum value of SAR (measured) = 1.02 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.796 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

Test Laboratory: BTL.Inc   Date: 2021/3/17

W34_802.11n HT40_CH110_Back of Screen_2.5cm_Ant A

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-2C) (0);
Frequency: 5550 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5550 MHz; σ = 5.207 S/m; ε_r = 35.37; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.1, 5.1, 5.1) @ 5550 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 (12x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.97 W/kg

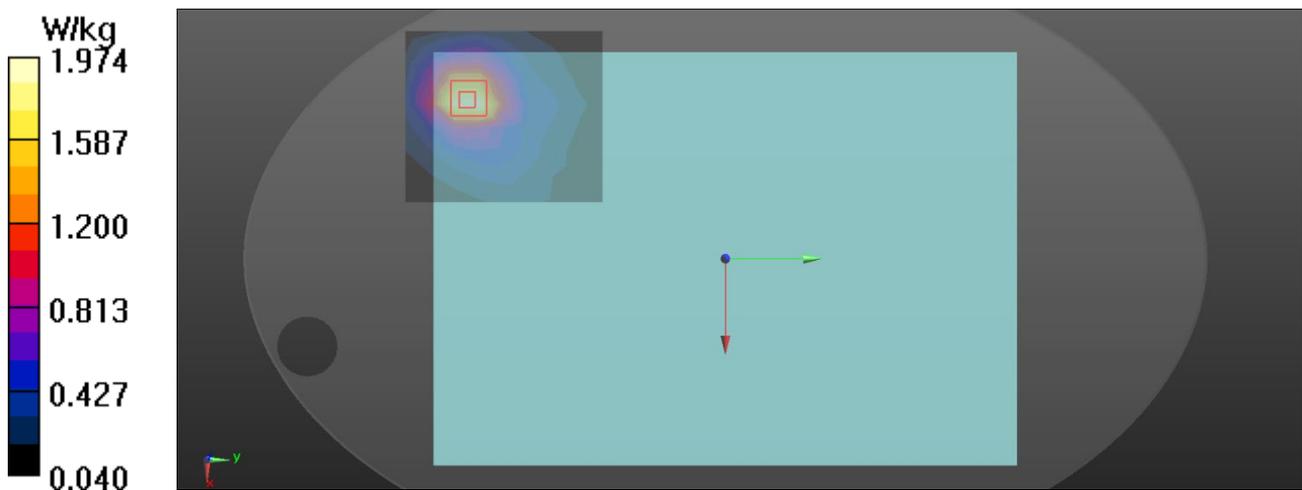**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.3830 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.72 W/kg
SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 2.19 W/kg

Test Laboratory: BTL.Inc

Date: 2021/3/17

W39_802.11n HT40_CH110_Back of Screen_2.5cm_Ant B

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-2C) (0);
Frequency: 5550 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5550 MHz; σ = 5.207 S/m; $ε_r$ = 35.37; ρ = 1000 kg/m³
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.1, 5.1, 5.1) @ 5550 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 (14x14x1): Measurement grid: dx=10mm, dy=10mm
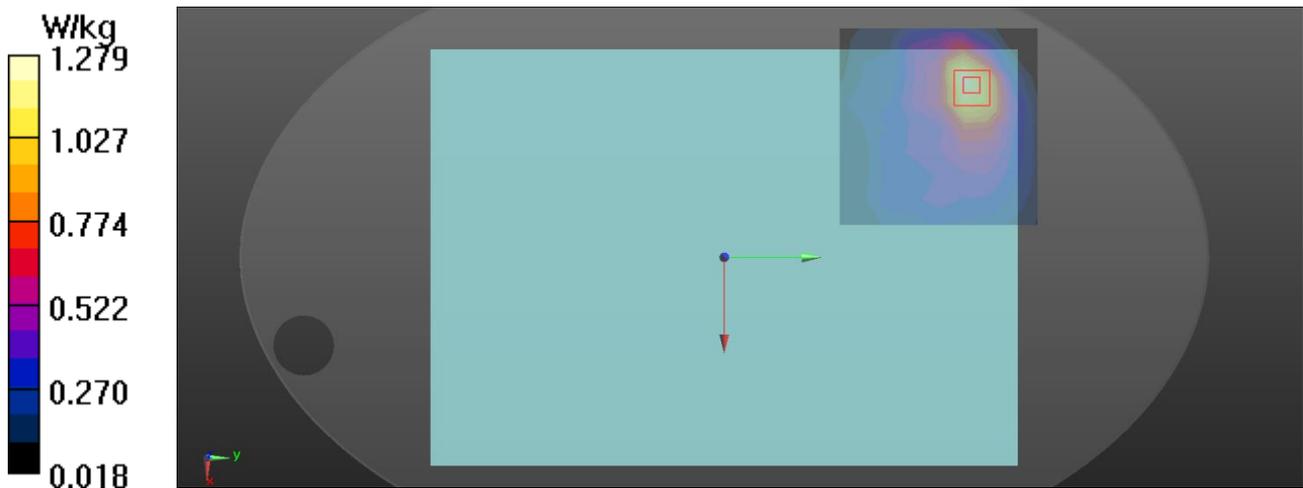Maximum value of SAR (measured) = 1.28 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.661 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.241 W/kg
Maximum value of SAR (measured) = 1.32 W/kg

Test Laboratory: BTL.Inc

Date: 2021/3/17

W45_802.11n HT40_CH151_Back of Screen_2.5cm_Ant A

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-3) (0);
Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 5.456 S/m; ε_r = 34.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5755 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 (12x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.09 W/kg

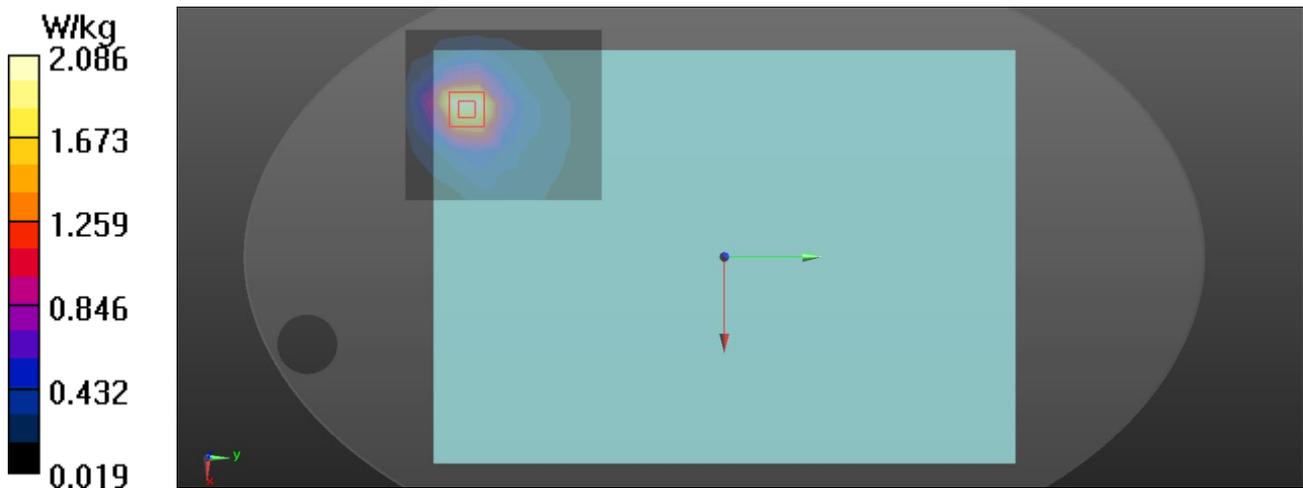**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.107 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.69 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 2.65 W/kg

Test Laboratory: BTL.Inc

Date: 2021/3/17

W51_802.11n HT40_CH151_Back of Screen_2.5cm_Ant B

DUT: Notebook;

Communication System: UID 0, WI-FI(U-NII-3) (0);
Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5755 MHz; σ = 5.456 S/m; ε_r = 34.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(5.07, 5.07, 5.07) @ 5755 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 (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.645 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.840 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.658 W/kg