Test Laboratory: BTL Inc. Date: 2019/7/11

T02_802.11b_CH6_Back of Keyboard_0cm_Ant A_NDX_Battery 1

DUT: Notebook;

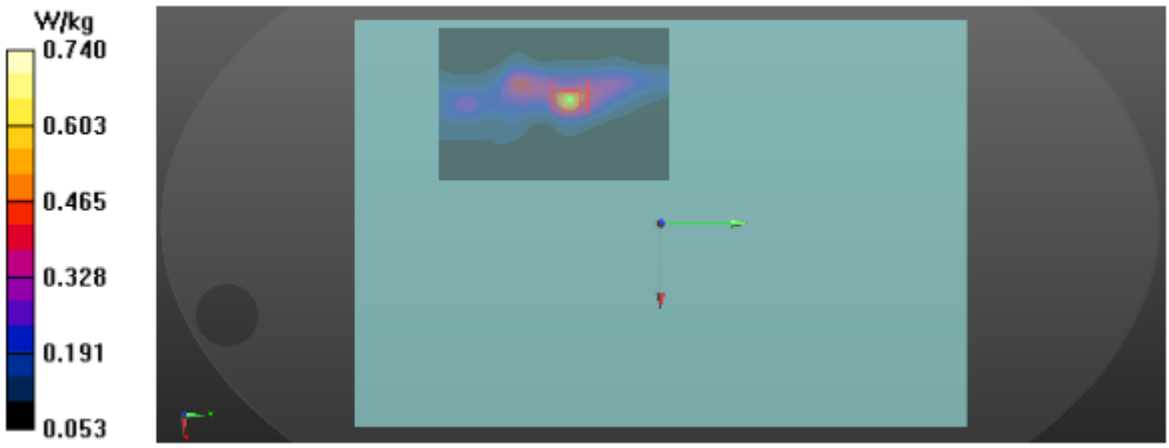
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.021 S/m; ε_r = 52.072; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(6.81, 6.81, 6.81) @ 2437 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.643 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.347 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.740 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/11

T11_802.11b_CH6_Back of Keyboard_0cm_Ant B_NDX_Battery 1

DUT: Notebook;

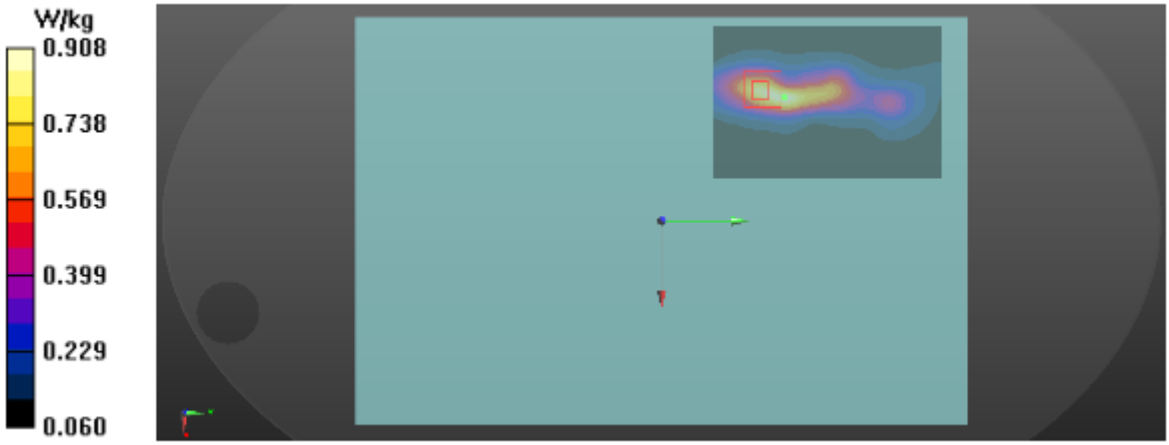
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.021 S/m; ε_r = 52.072; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(6.81, 6.81, 6.81) @ 2437 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x12x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.893 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.962 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.428 W/kg
Maximum value of SAR (measured) = 0.908 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/11

T21_BT DH5_CH78_Back of Keyboard_0cm

DUT: Notebook;

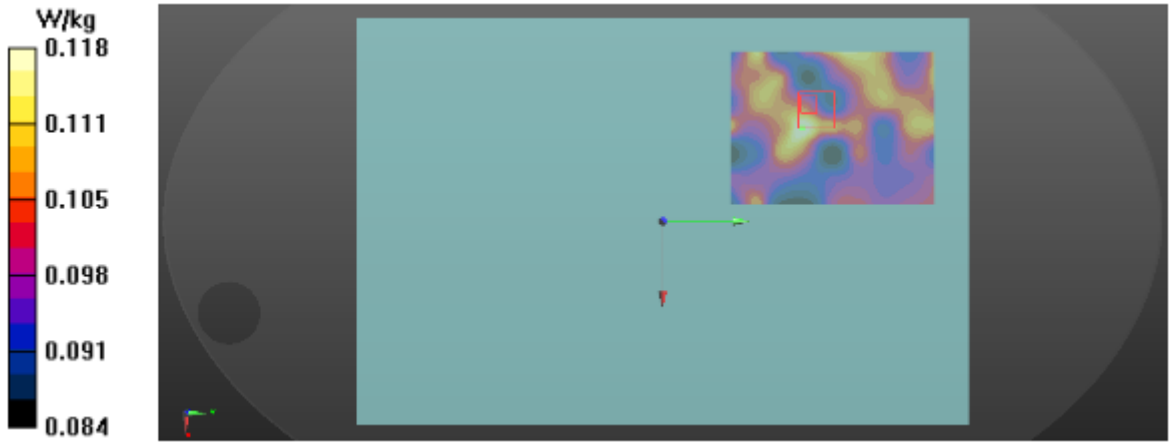
Communication System: UID 0, IEEE802.15.1 BluetoothGFSK,DH1 (0); Frequency: 2480 MHz; Duty Cycle: 1:3.4
Medium parameters used: f = 2480 MHz; σ = 2.074 S/m; ε_r = 51.923; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(6.63, 6.63, 6.63) @ 2480 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x11x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.119 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.227 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/13

T31_802.11a_CH48_Back of Keyboard_0cm_Ant A_NDX_Battery 1

DUT: Notebook;

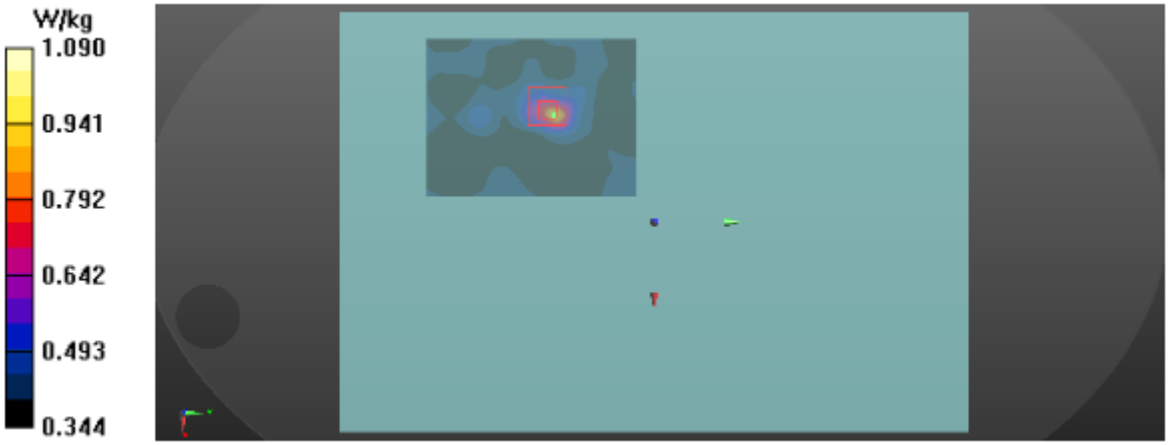
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 5.421 S/m; ε_r = 47.539; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.44, 4.44, 4.44) @ 5240 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.904 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.36 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.526 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/13

T39_802.11a_CH40_Back of Keyboard_0cm_Ant B_NDX_Battery 1

DUT: Notebook;

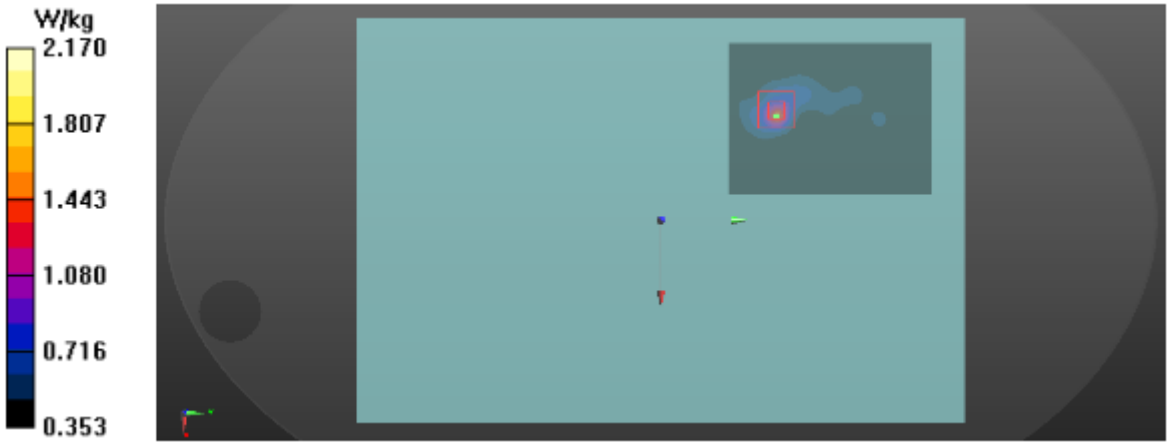
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.347 S/m; ε_r = 47.581; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.44, 4.44, 4.44) @ 5200 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.51 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.287 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.648 W/kg
Maximum value of SAR (measured) = 2.17 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/11

T52_802.11a_CH56_Back of Keyboard_0cm_Ant A_NDX_Battery 1

DUT: Notebook;

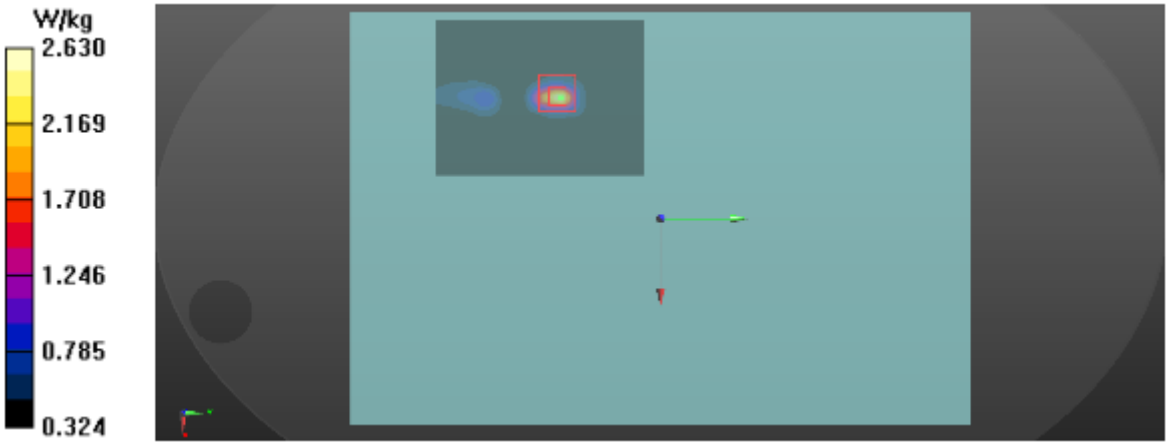
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 5.462 S/m; ε_r = 47.493; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.34, 4.34, 4.34) @ 5280 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.52 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.186 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 7.15 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.588 W/kg
Maximum value of SAR (measured) = 2.63 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/11

T63_802.11a_CH56_Back of Keyboard_0cm_Ant B_NDX_Battery 1

DUT: Notebook;

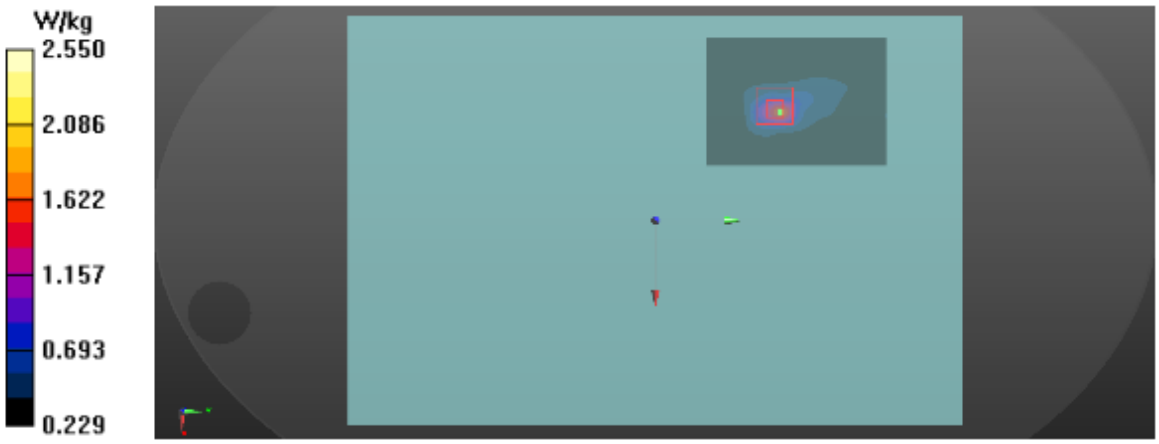
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5280 MHz; σ = 5.462 S/m; ε_r = 47.493; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(4.34, 4.34, 4.34) @ 5280 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x12x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.091 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.73 W/kg
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.559 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/12

T77_802.11a_CH140_Back of Keyboard_0cm_Ant A_NDX_Battery 1

DUT: Notebook;

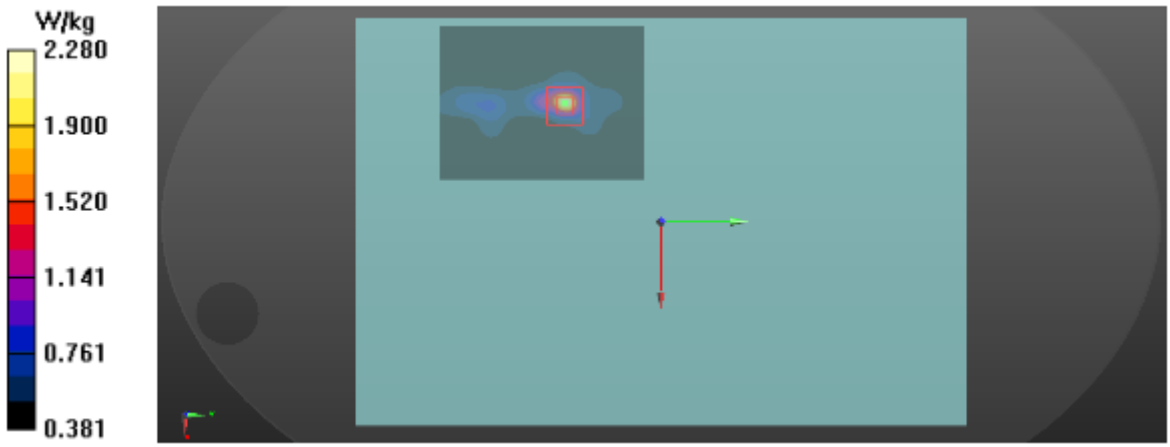
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; σ = 6.057 S/m; ε_r = 46.674; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(3.81, 3.81, 3.81) @ 5700 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.33 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.550 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.683 W/kg
Maximum value of SAR (measured) = 2.28 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/12

T89_802.11a_CH140_Back of Keyboard_0cm_Ant B_NDX_Battery 1

DUT: Notebook;

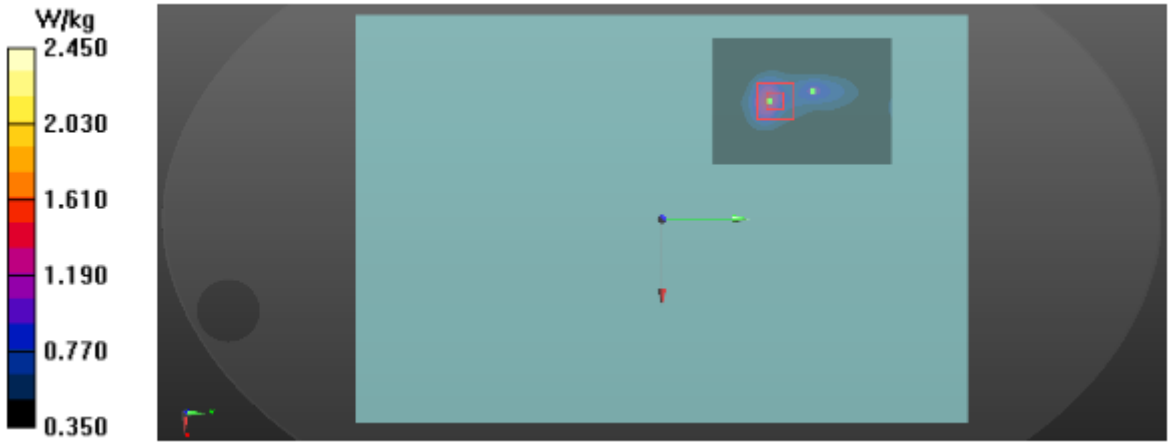
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; σ = 6.057 S/m; ε_r = 46.674; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(3.81, 3.81, 3.81) @ 5700 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x12x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.461 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.631 W/kg
Maximum value of SAR (measured) = 2.45 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/12

T106_802.11a_CH153_Back of Keyboard_0cm_Ant A_NDX_Battery 1

DUT: Notebook;

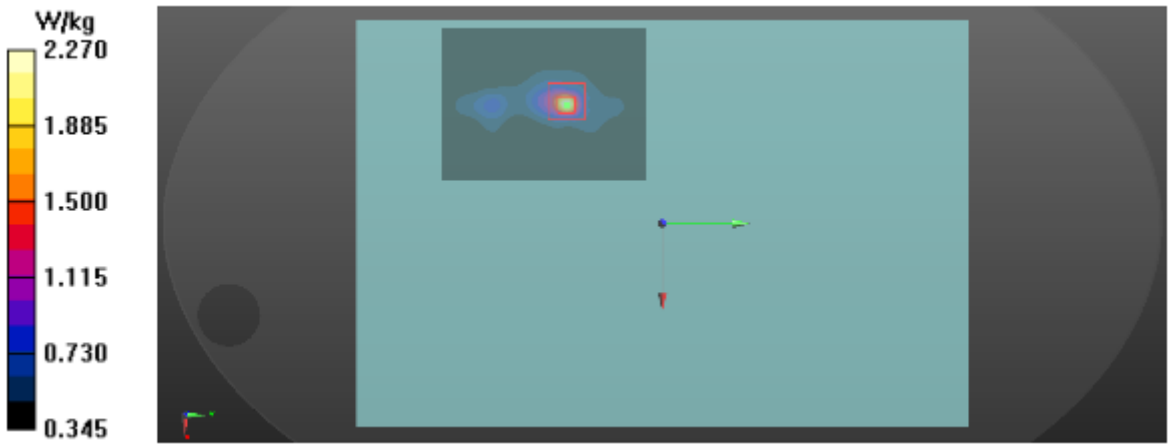
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5765 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5765 MHz; σ = 6.145 S/m; ε_r = 46.497; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(3.76, 3.76, 3.76) @ 5765 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.33 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.535 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.40 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.667 W/kg
Maximum value of SAR (measured) = 2.27 W/kg



Test Laboratory: BTL Inc. Date: 2019/7/12

T116_802.11a_CH165_Back of Keyboard_0cm_Ant B_NDX_Battery 1

DUT: Notebook;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.224 S/m; ε_r = 46.449; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3685; ConvF(3.76, 3.76, 3.76) @ 5825 MHz; Calibrated: 2019/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2019/5/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (10x13x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.79 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.899 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.687 W/kg
Maximum value of SAR (measured) = 2.37 W/kg