

Test Laboratory: BTL Inc.

Date: 2024/2/1

W9_802.11g_CH1_Left Side_0.5cm_Ant Main_Angel 90°

DUT: Wireless USB Adapter;

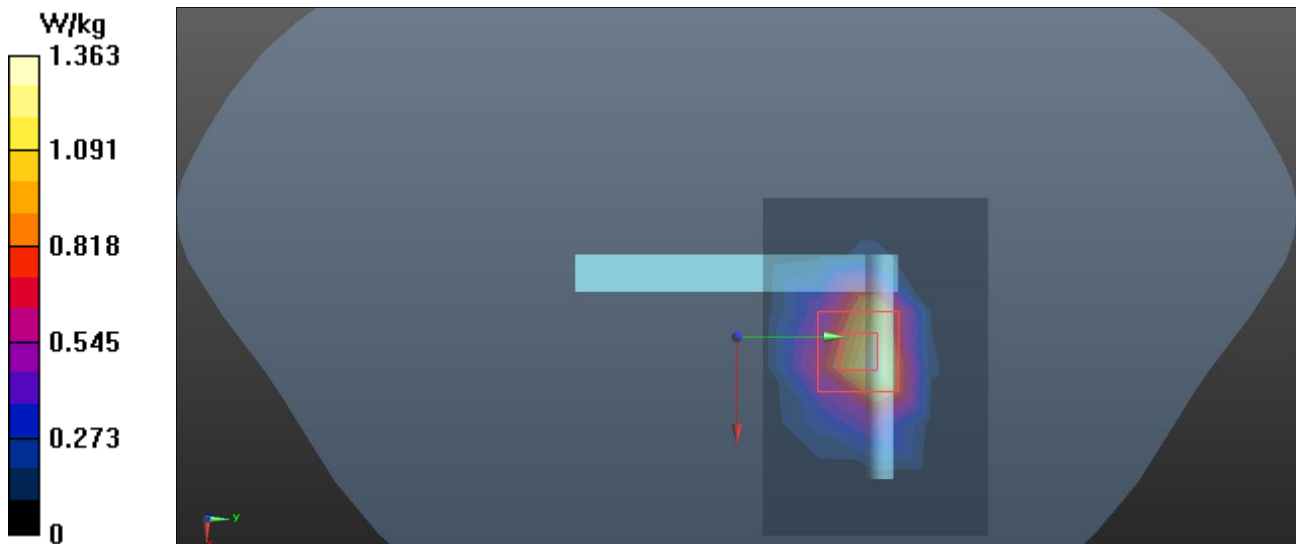
Communication System: UID 10575 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle);
Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 40.119$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.33, 8.33, 8.33) @ 2412 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x5x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.36 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.697 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.24 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.77 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/1

W23_802.11g_Right Side_0.5cm_CH6_Ant Aux_Angel 90°

DUT: Wireless USB Adapter;

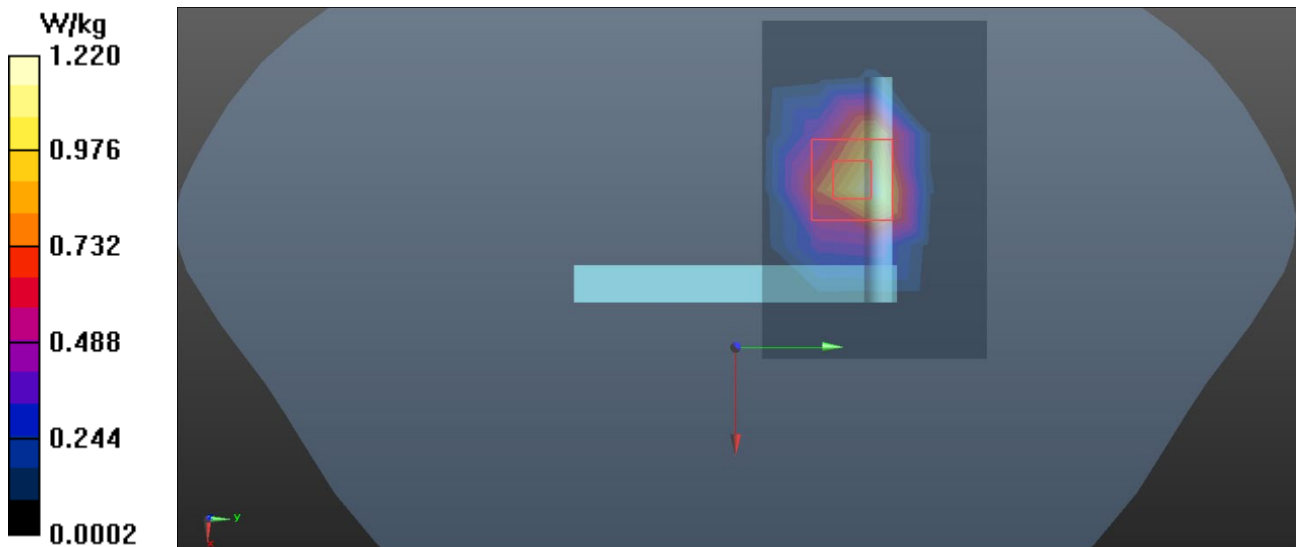
Communication System: UID 10575 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle);
Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.025$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.33, 8.33, 8.33) @ 2437 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x5x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.22 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.101 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.453 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/1

W36_802.11g_CH11_Left Side_0.5cm_Ant Main+Aux_Angel 90°

DUT: Wireless USB Adapter;

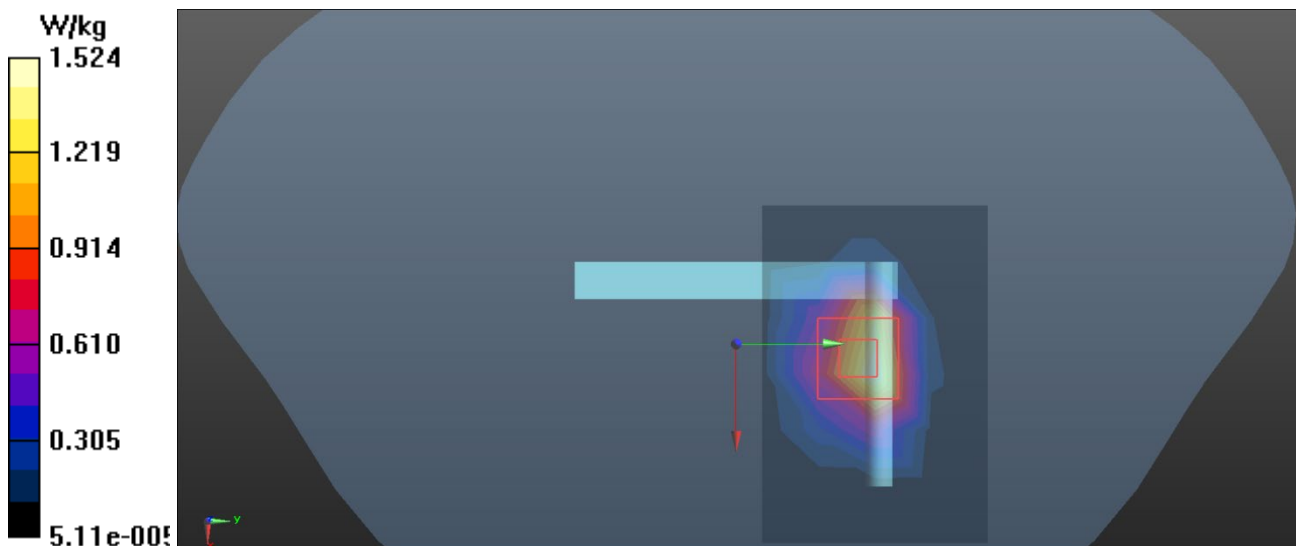
Communication System: UID 10575 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle);
Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 39.918$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.33, 8.33, 8.33) @ 2462 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x5x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 1.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.665 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.98 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W45_802.11n HT40_CH38_Left Side_0.5cm_Ant Main_Angel 180°

DUT: Wireless USB Adapter;

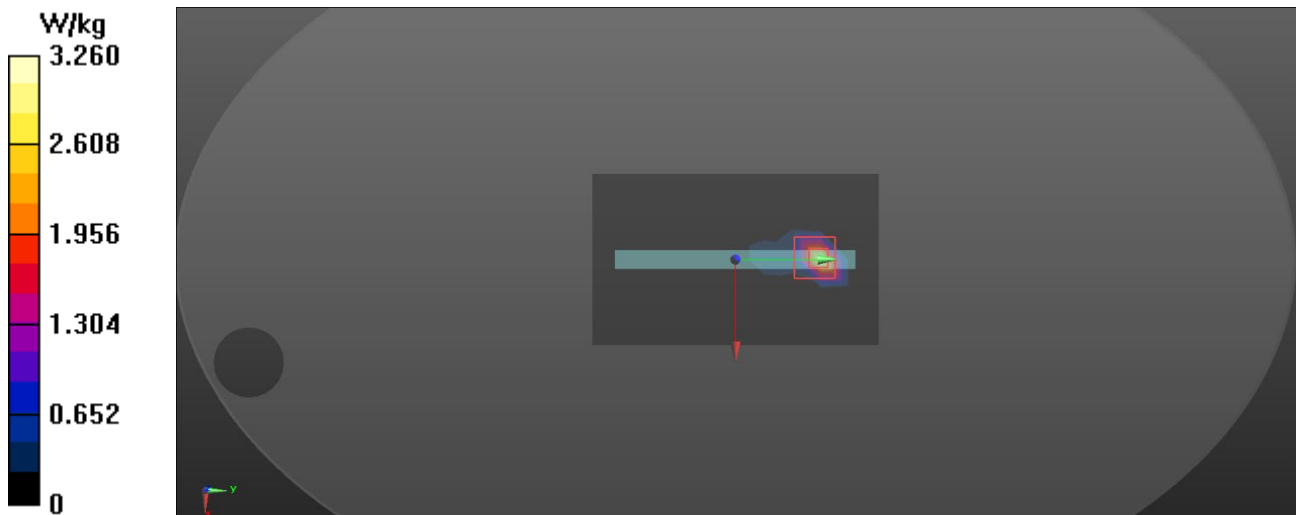
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5190 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5190$ MHz; $\sigma = 4.717$ S/m; $\epsilon_r = 35.738$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5190 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 3.26 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.05 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 3.48 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W53_802.11n HT40_CH46_Right Side_0.5cm_Ant Aux_Angel 180°

DUT: Wireless USB Adapter;

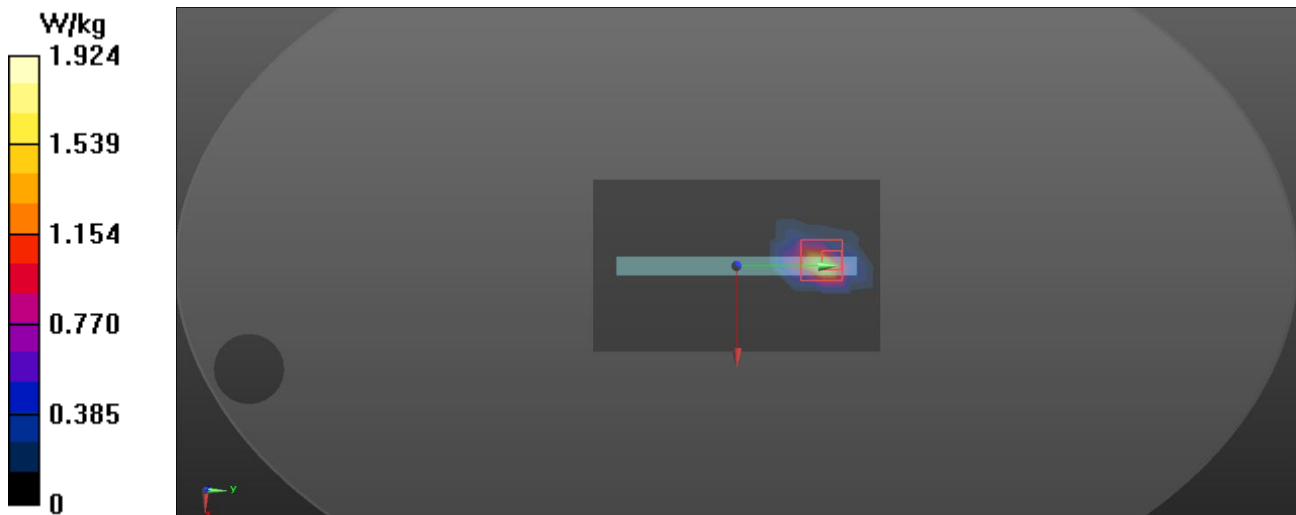
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5230$ MHz; $\sigma = 4.744$ S/m; $\epsilon_r = 35.602$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5230 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.92 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.5440 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.19 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 3.06 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W62_802.11n HT40_CH46_Right Side_0.5cm_Ant Aux_Angel 180°

DUT: Wireless USB Adapter;

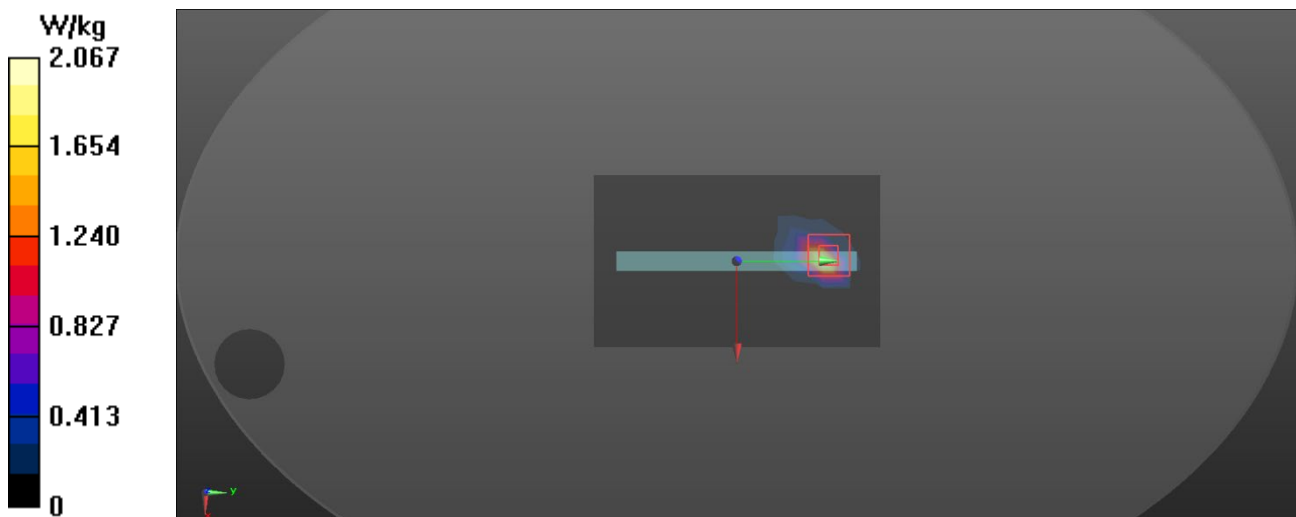
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5230$ MHz; $\sigma = 4.744$ S/m; $\epsilon_r = 35.602$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5230 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.07 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.46 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W71_802.11n HT40_CH54_Left Side_0.5cm_Ant Main_Angel 180°

DUT: Wireless USB Adapter;

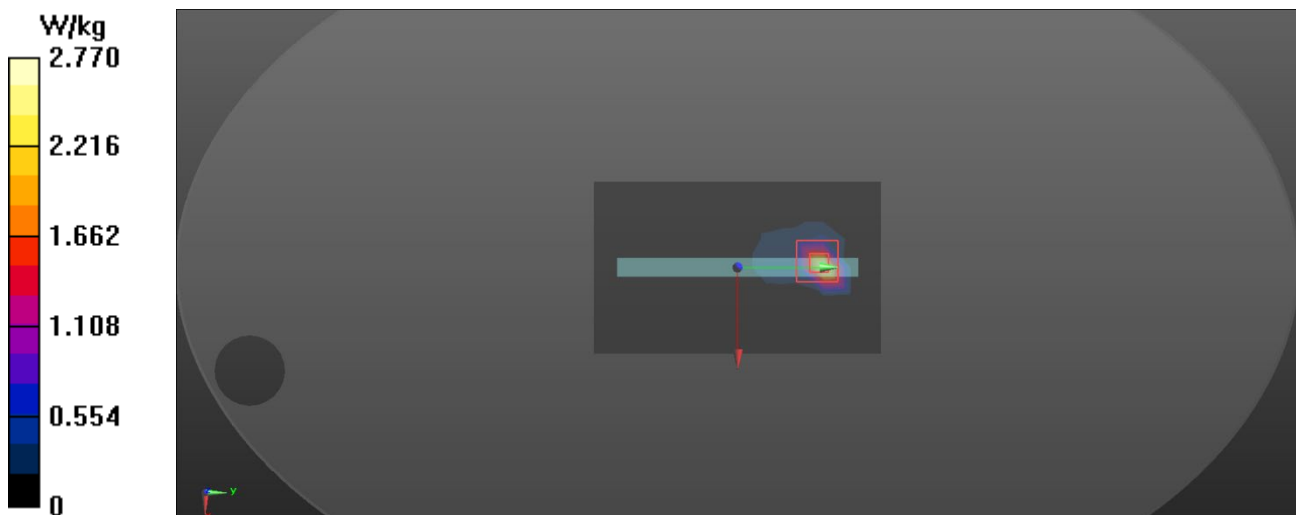
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.779$ S/m; $\epsilon_r = 35.382$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5270 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.77 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 3.45 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W80_802.11n HT40_CH54_Right Side_0.5cm_Ant Aux_Angel 180°

DUT: Wireless USB Adapter;

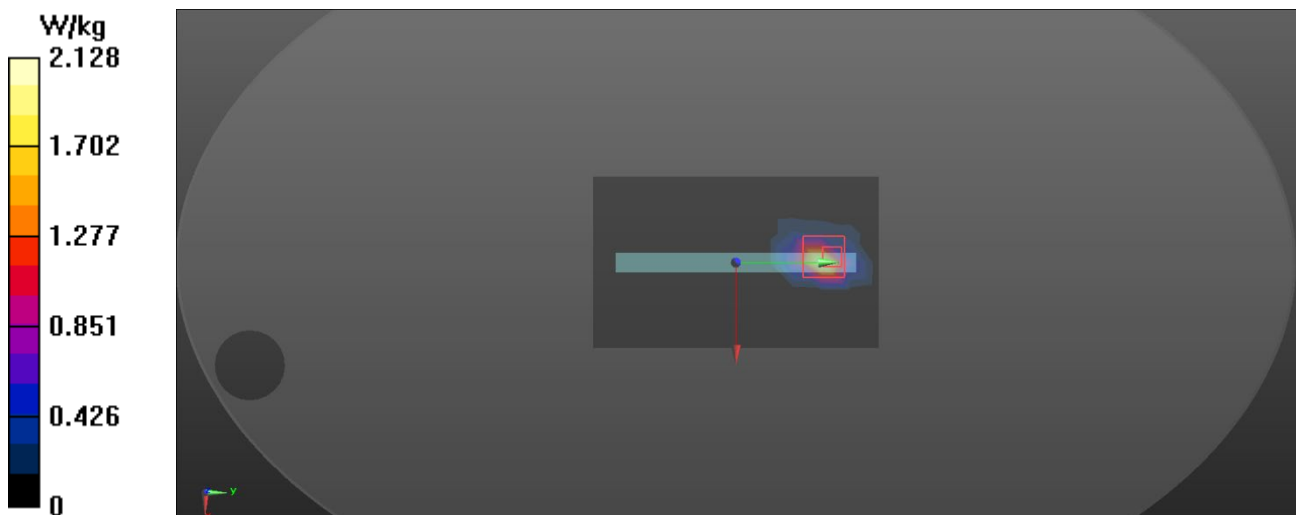
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.779$ S/m; $\epsilon_r = 35.382$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5270 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.13 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.80 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 3.62 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/22

W89_802.11n HT40_CH54_Left Side_0.5cm_Ant Main+Aux_Angel 180°

DUT: Wireless USB Adapter;

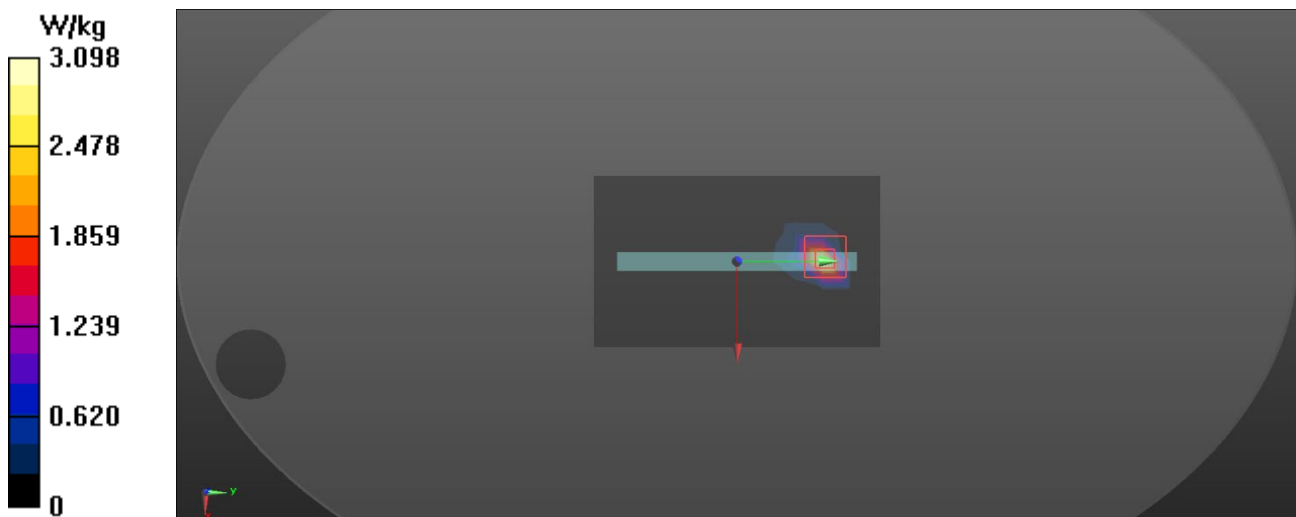
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.779$ S/m; $\epsilon_r = 35.382$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.56, 5.56, 5.56) @ 5270 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 3.10 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.21 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 3.21 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/23

W98_802.11ac VHT80_CH106_Left Side_0.5cm_Ant Main_Angel 180°**DUT: Wireless USB Adapter;**

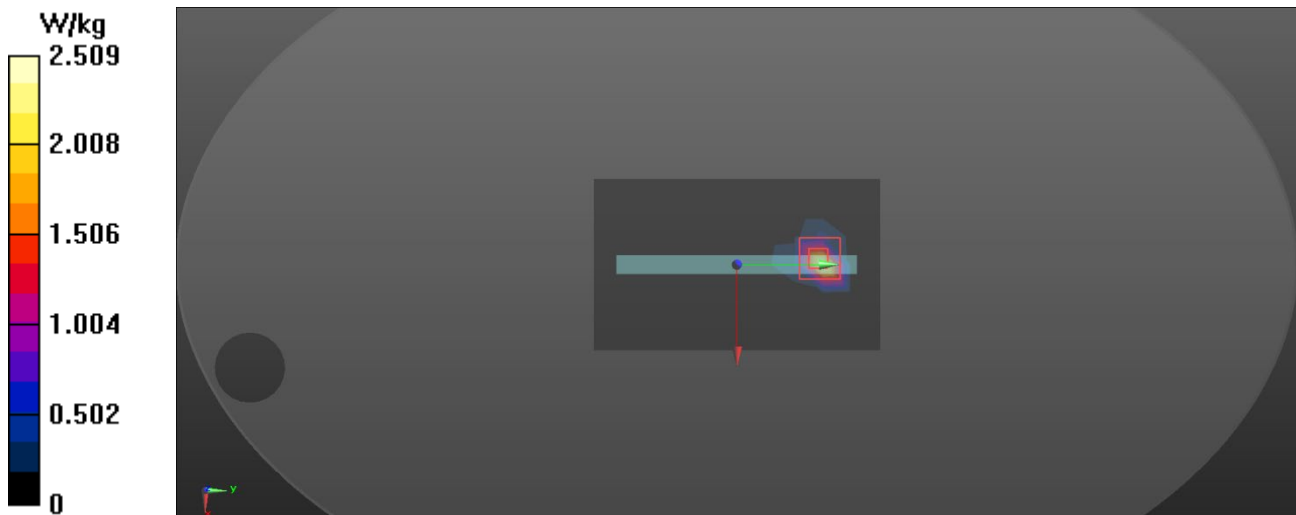
Communication System: UID 10626 - AAB, IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle);
Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.157$ S/m; $\epsilon_r = 35.028$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(4.85, 4.85, 4.85) @ 5530 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.51 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.12 W/kg
SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 3.08 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/23

W107_802.11ac VHT80_CH106_Right Side_0.5cm_Ant Aux_Angel 180°

DUT: Wireless USB Adapter;

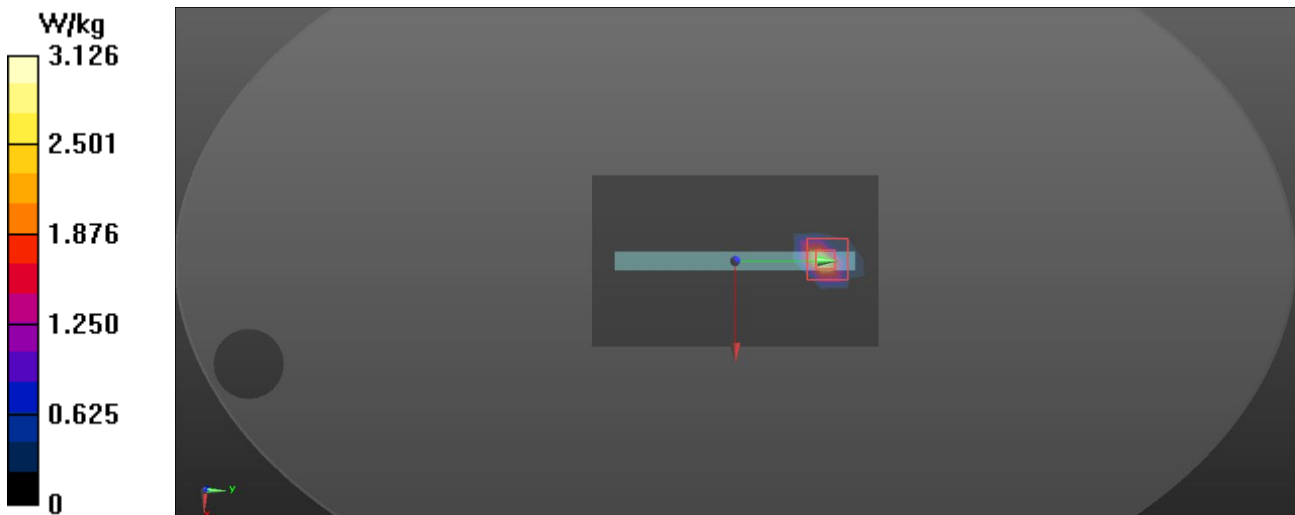
Communication System: UID 10544 - AAB, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);
Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.157$ S/m; $\epsilon_r = 35.028$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(4.85, 4.85, 4.85) @ 5530 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 3.13 W/kg

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.39 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 3.34 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/23

W116_802.11ac VHT80_CH106_Right Side_0.5cm_Ant Main+Aux_Angel 180°

DUT: Wireless USB Adapter;

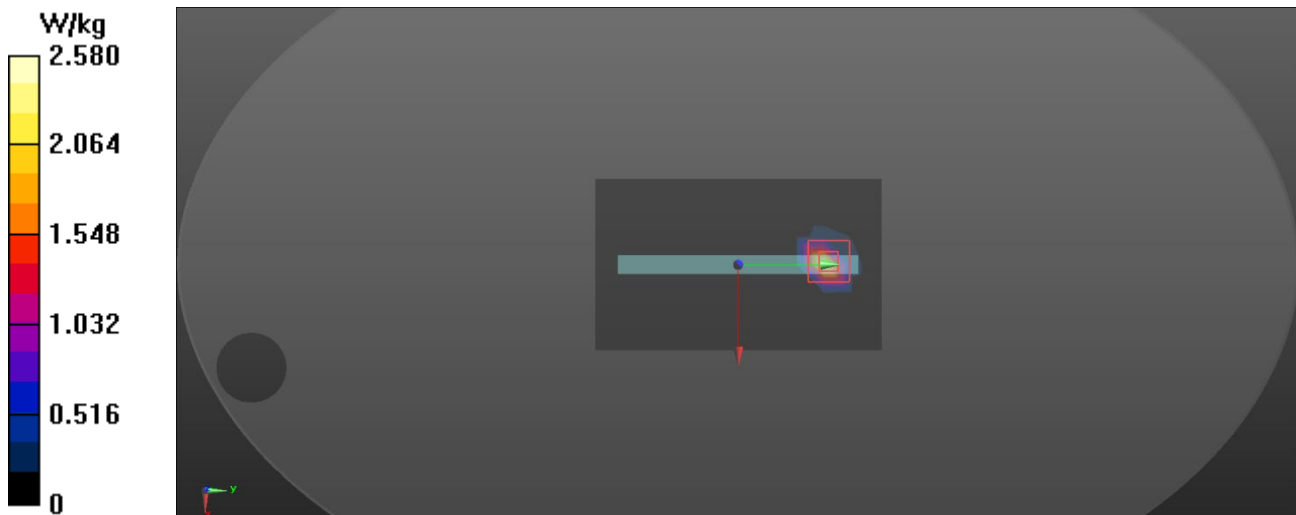
Communication System: UID 10544 - AAB, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);
Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.157$ S/m; $\epsilon_r = 35.028$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.8 °C; Liquid Temperature : 21.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(4.85, 4.85, 4.85) @ 5530 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.58 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift =0.00 dB
Peak SAR (extrapolated) = 5.53 W/kg
SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 2.76 W/kg



Test Laboratory: BTL Inc.

Date: 2024/3/6

W125_802.11n HT40_CH151_Left Side_0.5cm_Ant Main_Angel 180°

DUT: Wireless USB Adapter;

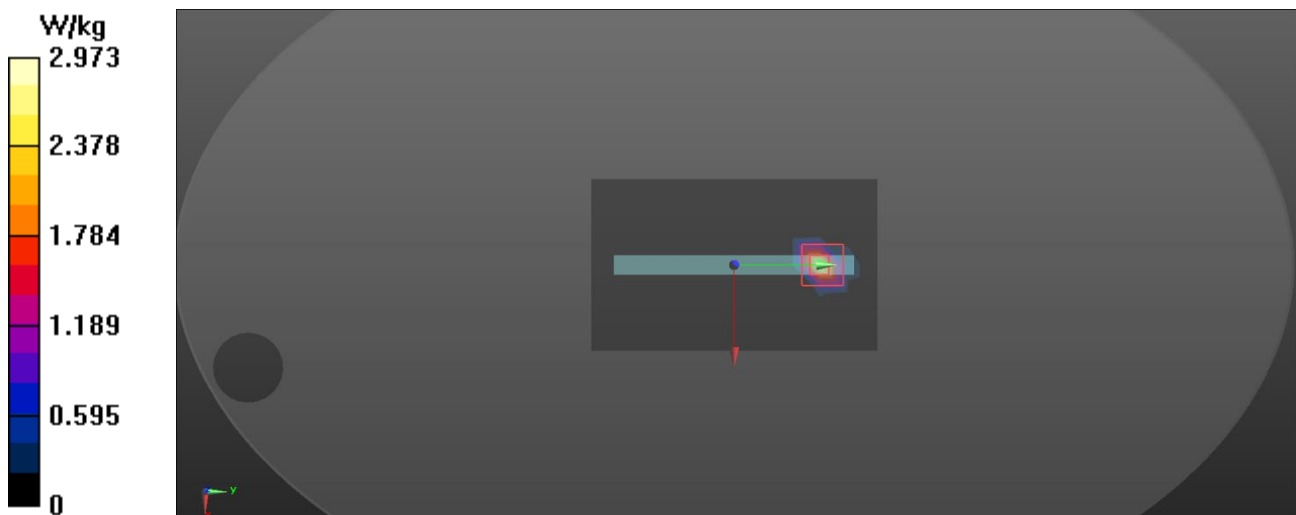
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.223$ S/m; $\epsilon_r = 34.346$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.11, 5.11, 5.11) @ 5755 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.97 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.6910 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 5.54 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.263 W/kg
Maximum value of SAR (measured) = 2.86 W/kg



Test Laboratory: BTL Inc.

Date: 2024/3/6

W134_802.11n HT40_CH151_Right Side_0.5cm_Ant Aux_Angel 180°

DUT: Wireless USB Adapter;

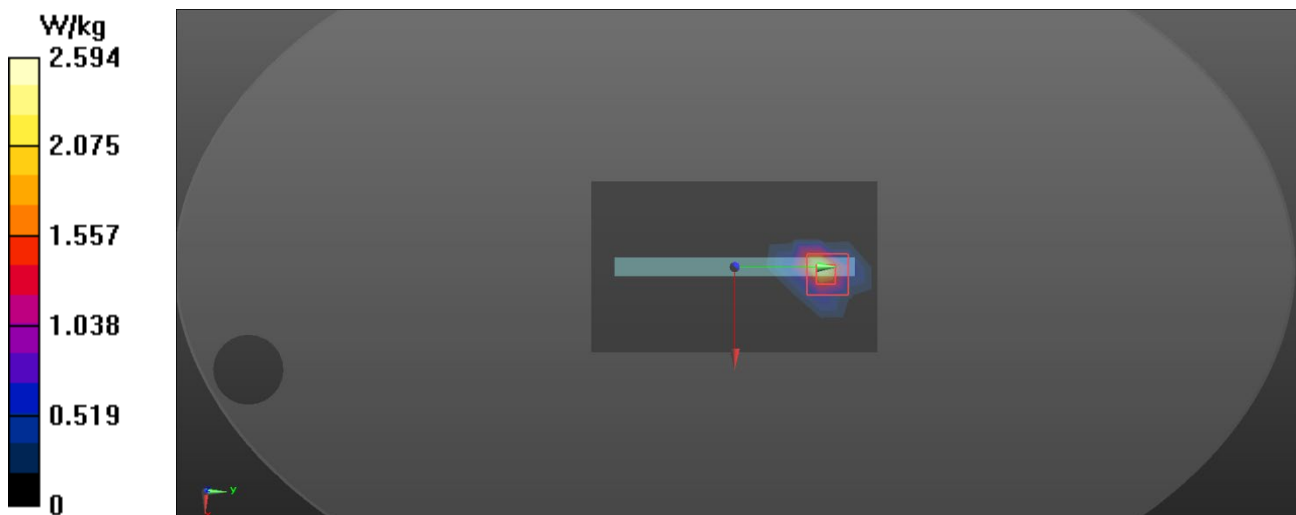
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.223$ S/m; $\epsilon_r = 34.346$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.11, 5.11, 5.11) @ 5755 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.59 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 2.216 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.95 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 3.47 W/kg



Test Laboratory: BTL Inc.

Date: 2024/3/6

W143_802.11n HT40_CH151_Left Side_0.5cm_Ant Main+Aux_Angel 180°

DUT: Wireless USB Adapter;

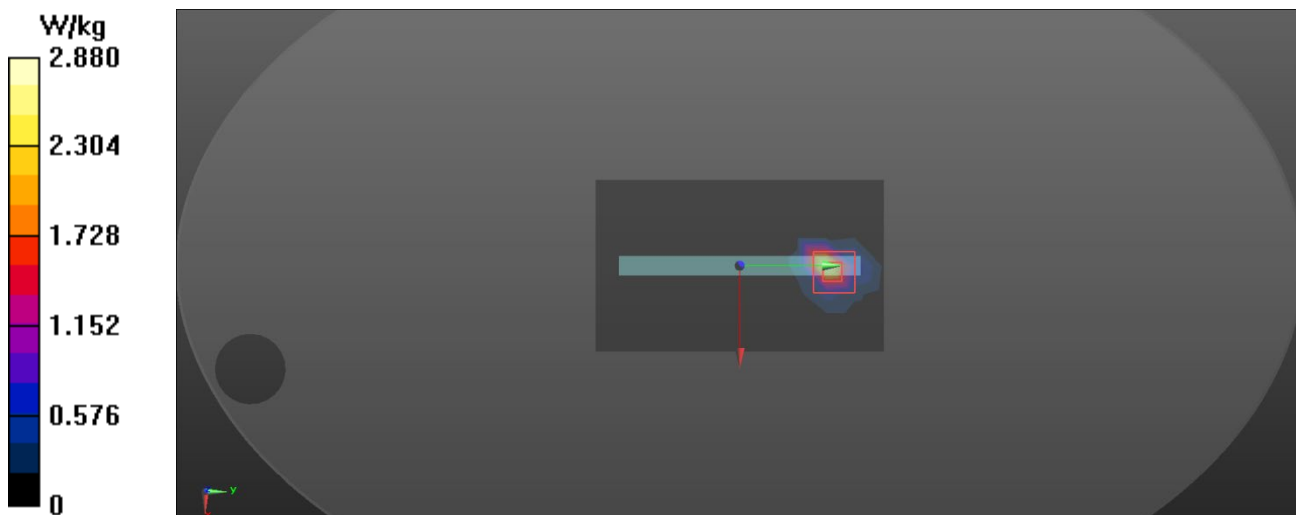
Communication System: UID 10599 - AAB, IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle);
Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 5.223$ S/m; $\epsilon_r = 34.346$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.11, 5.11, 5.11) @ 5755 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x17x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.33 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 2.88 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/29

W151_802.11ax80_CH199_Left Side_0.5cm_Ant Main_Angel 90°

DUT: Wireless USB Adapter;

Communication System: UID 0, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);

Frequency: 6945 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 6945$ MHz; $\sigma = 6.465$ S/m; $\epsilon_r = 32.724$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.8, 5.8, 5.8) @ 6945 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x8x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.339 W/kg

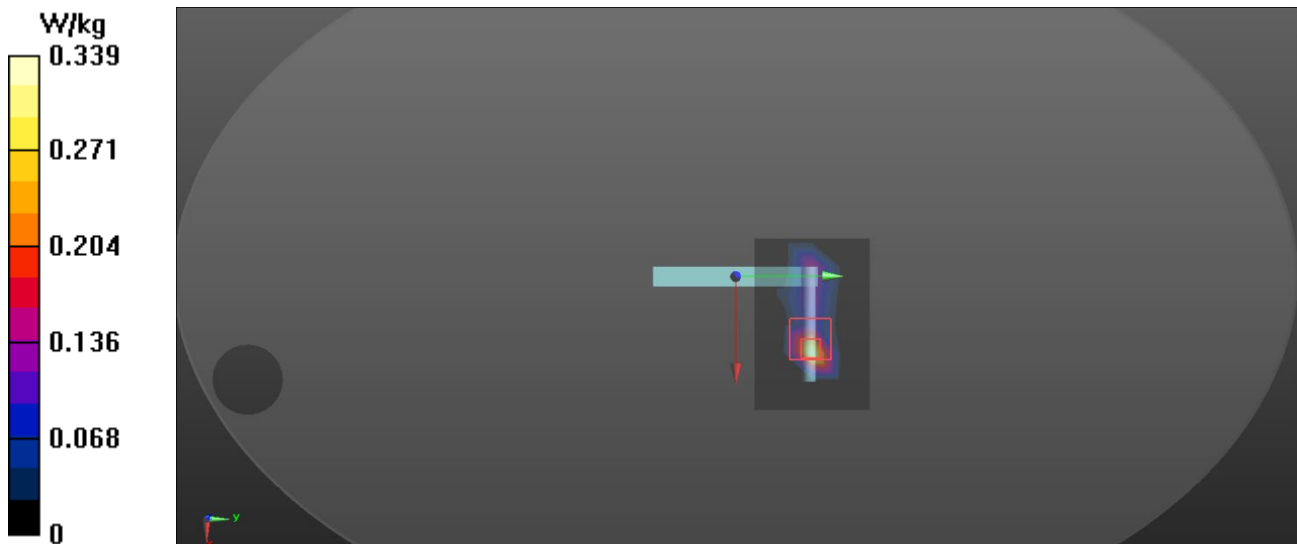
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/29

W161_802.11ax80_CH183_Right Side_0.5cm_Ant Aux_Angel 90°

DUT: Wireless USB Adapter;

Communication System: UID 0, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);

Frequency: 6865 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 6865$ MHz; $\sigma = 6.371$ S/m; $\epsilon_r = 32.867$; $\rho = 1000$ kg/m³

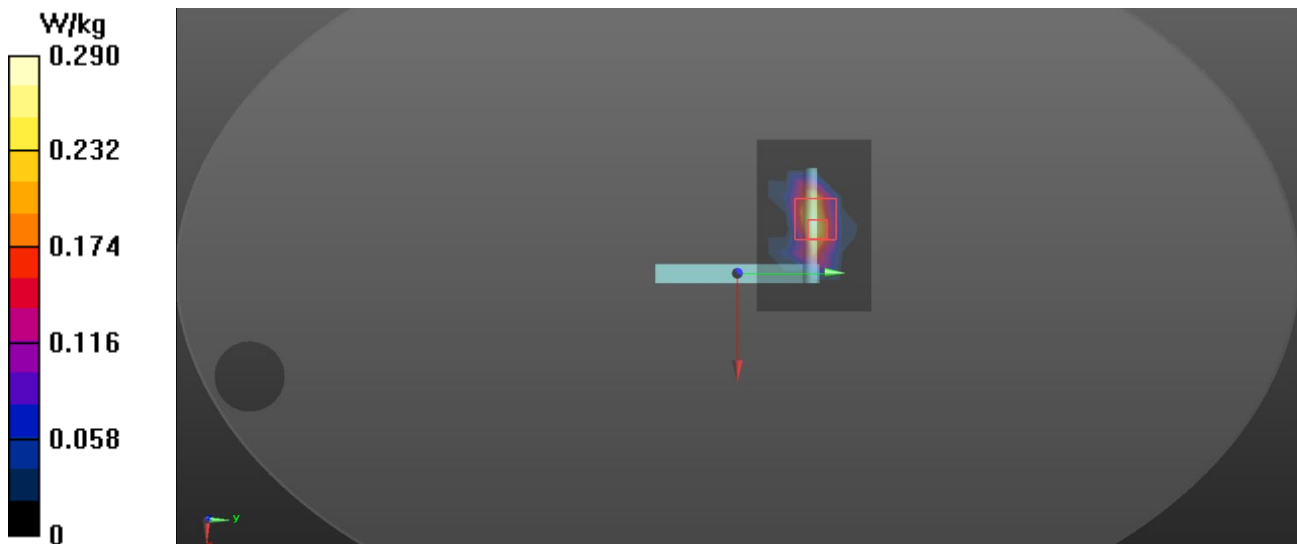
Ambient Temperature: 22.9 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.8, 5.8, 5.8) @ 6865 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (11x8x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.290 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.413 W/kg



Test Laboratory: BTL Inc.

Date: 2024/2/29

W172_802.11ax80_CH183_Right Side_0.5cm_Ant Main+Aux_Angel 180°**DUT: Wireless USB Adapter;**

Communication System: UID 0, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);

Frequency: 6865 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 6865$ MHz; $\sigma = 6.371$ S/m; $\epsilon_r = 32.867$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(5.8, 5.8, 5.8) @ 6865 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 23$.0
- Electronics: DAE4 Sn1717; Calibrated: 2023/4/10
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (8x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.349 W/kg

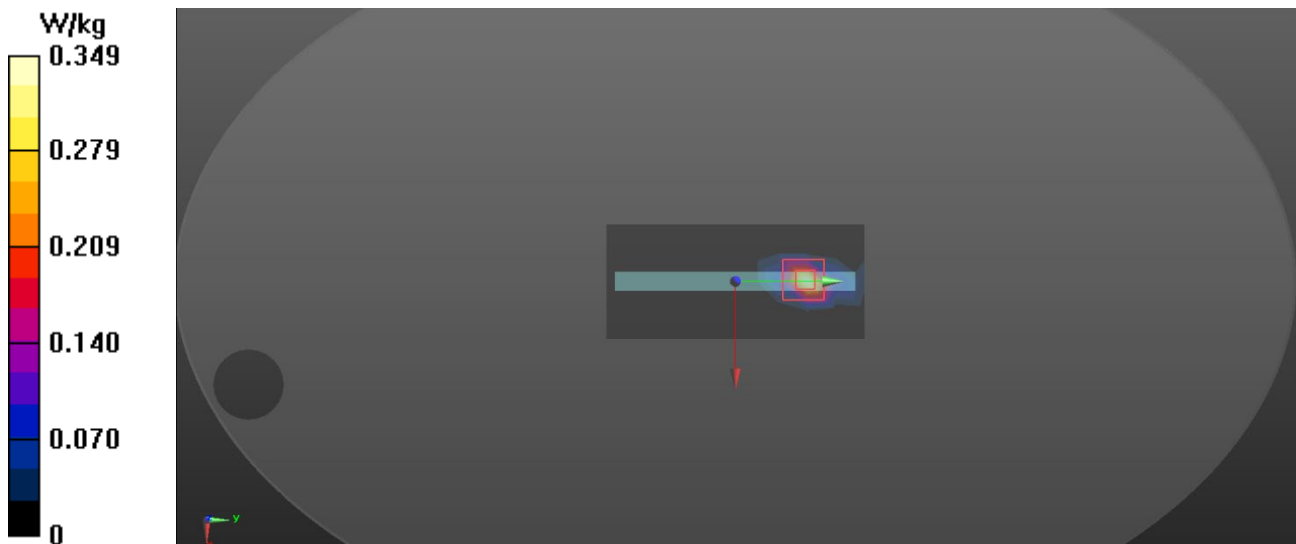
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



Measurement Report for Device, EDGE LEFT, U-NII-5, UID 10731 AAC, Channel 199 (6945.0MHz)

Device under Test Properties

Model, Manufacturer PAU0F	Dimensions [mm] 74.0 x 36.0 x 11.0	IMEI	DUT Type Wireless USB Adapter
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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE LEFT, 2.00	U-NII-5	WLAN, 10731-AAC	6945.0, 199	1.0

Hardware Setup

Phantom mmWave- xxxx	Medium --Air	Probe, Calibration Date EUmmWV4 - SN9626_F1-55GHz, 2023-05-17	DAE, Calibration Date DAE4 Sn1390, 2023-11-20
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Scan Setup

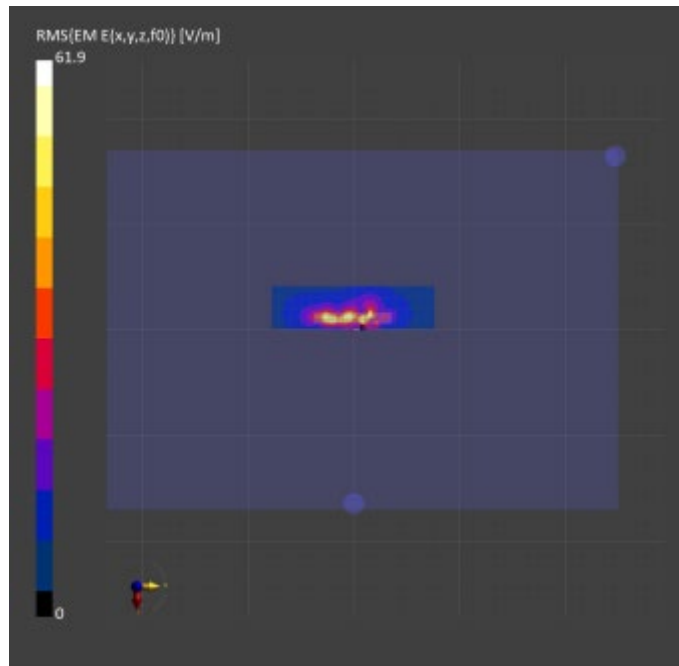
5G Scan
Grid Extents [mm] 25.0 x 150.0
Grid Steps [lambda] 0.0625 x 0.0625
Sensor Surface [mm] 2.0
MAIA Y

Measurement Results

5G Scan
Date 2024-02-26
Avg. Area [cm ²] 4.00
psPDn+ [W/m ²] 1.34
psPDtot+ [W/m ²] 2.54
psPDmod+ [W/m ²] 4.64
E _{max} [V/m] 61.9
Power Drift [dB] -0.09

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Measurement Report for Device, EDGE LEFT, U-NII-5, UID 10731 AAC, Channel 183 (6865.0MHz)

Device under Test Properties

Model, Manufacturer PAU0F	Dimensions [mm] 74.0 x 36.0 x 11.0	IMEI	DUT Type Wireless USB Adapter
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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE RIGHT, 2.00	U-NII-5	WLAN, 10731-AAC	6865.0, 183	1.0

Hardware Setup

Phantom mmWave- xxxx	Medium ---Air	Probe, Calibration Date EUmmWV4 - SN9626_F1-55GHz, 2023-05-17	DAE, Calibration Date DAE4 Sn1390, 2023-11-20
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Scan Setup

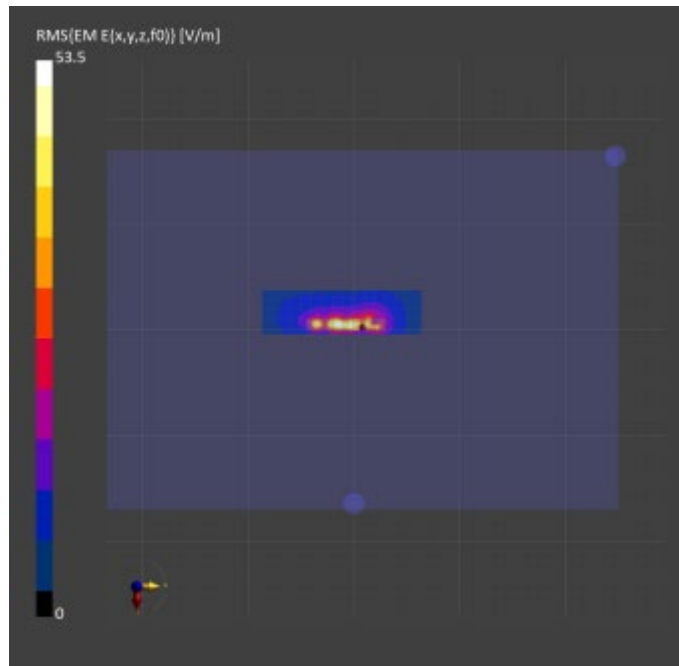
	5G Scan
Grid Extents [mm]	25.0 x 150.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2024-02-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.18
psPDtot+ [W/m ²]	1.95
psPDmod+ [W/m ²]	2.91
E _{max} [V/m]	53.5
Power Drift [dB]	-0.17

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Measurement Report for Device, EDGE LEFT, U-NII-5, UID 10731 AAC, Channel 39 (6145.0MHz)

Device under Test Properties

Model, Manufacturer PAU0F	Dimensions [mm] 125.0 x 36.0 x 11.0	IMEI	DUT Type Wireless USB Adapter
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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE RIGHT, 2.00	U-NII-5	WLAN, 10731-AAC	6865.0, 183	1.0

Hardware Setup

Phantom mmWave- xxxx	Medium ---Air	Probe, Calibration Date EUmmWV4 - SN9626_F1-55GHz, 2023-05-17	DAE, Calibration Date DAE4 Sn905, 2023-06-26
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Scan Setup

Grid Extents [mm]	5G Scan 25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Date	5G Scan 2024-04-24
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.949
psPDtot+ [W/m²]	1.71
psPDmod+ [W/m²]	3.05
E_{max} [V/m]	55.5
Power Drift [dB]	0.02

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	

