

T01 802.11b_Ch1_Bottom_0cm_Ant 0**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 53.201$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

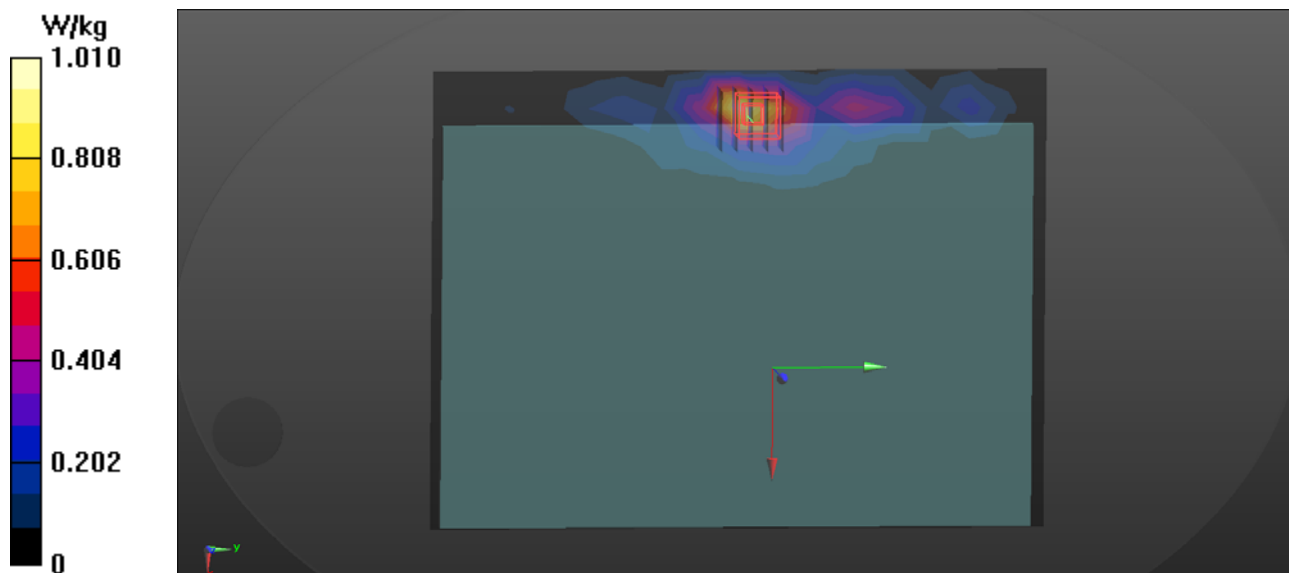
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



T06 802.11b_Ch6_Bottom_0cm_Ant 1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 53.206$; $\rho = 1000$ kg/m³

Ambient Temperature : 24.2 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.717 W/kg

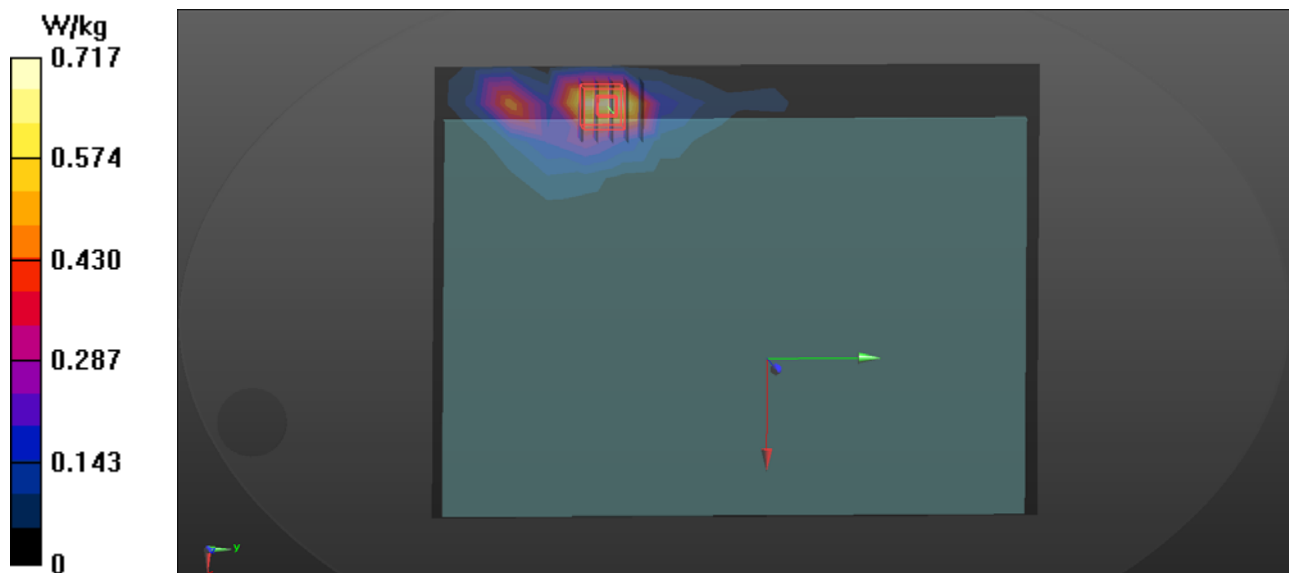
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



T39 802.11n_HT20_Ch6_Bottom_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 53.206$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.466 W/kg

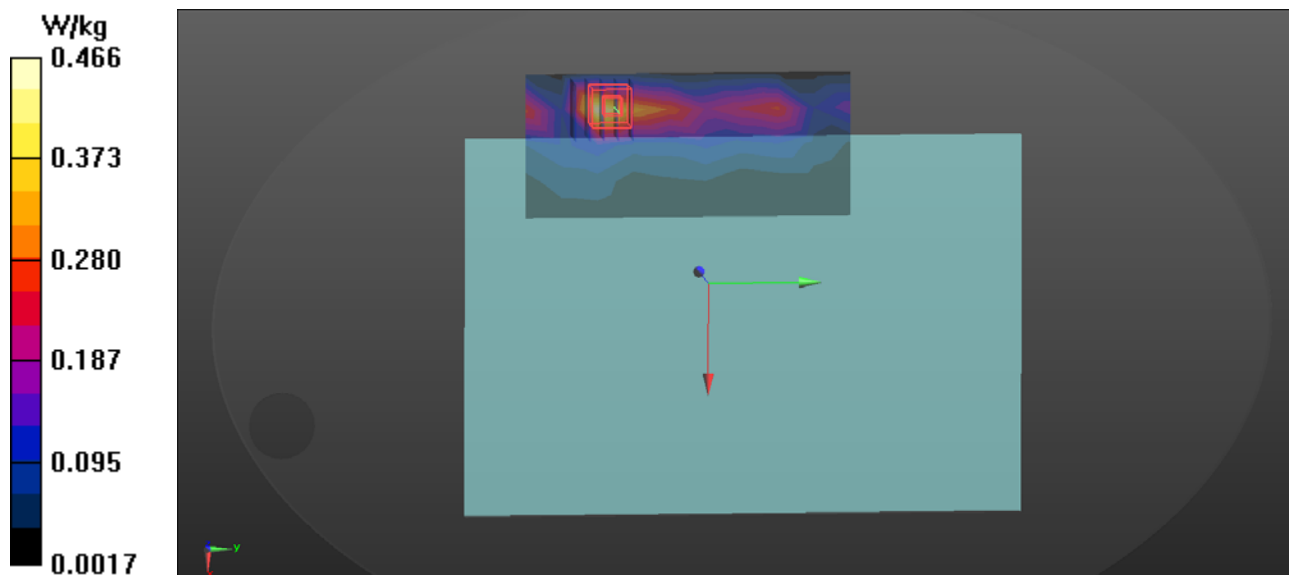
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.750 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.569 W/kg



T02 802.11a_Ch40_Bottom_0cm_Ant 0**DUT: Notebook;**

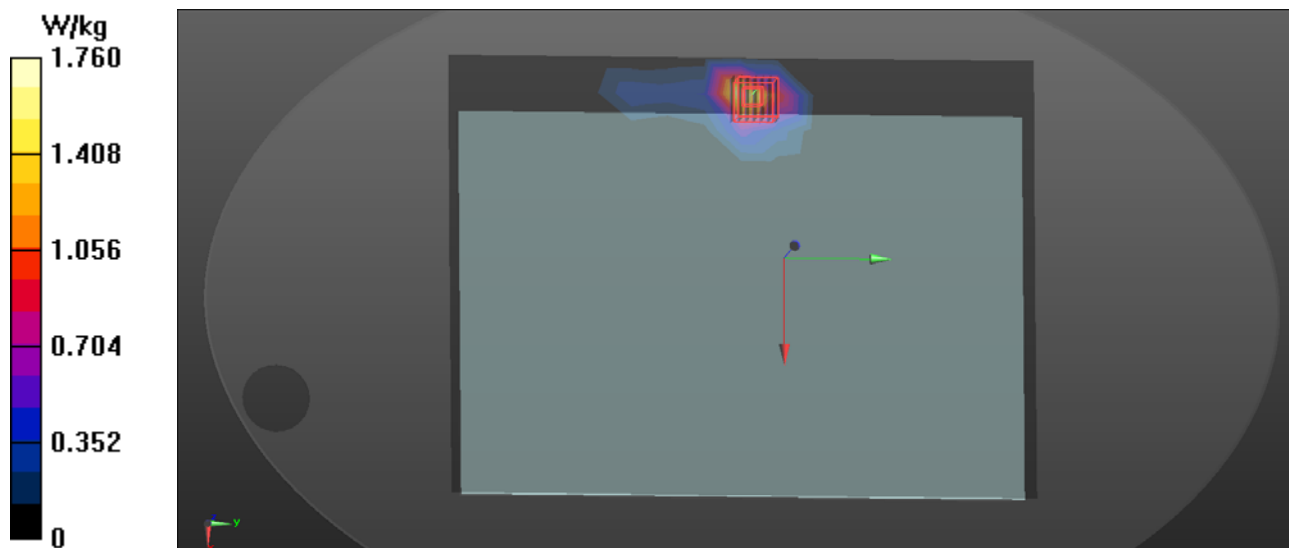
Communication System: UID 0, WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.34$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.76 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 = 0.05 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (measured) = 2.35 W/kg



T07 802.11a_Ch40_Bottom_0cm_Ant 1**DUT: Notebook;**

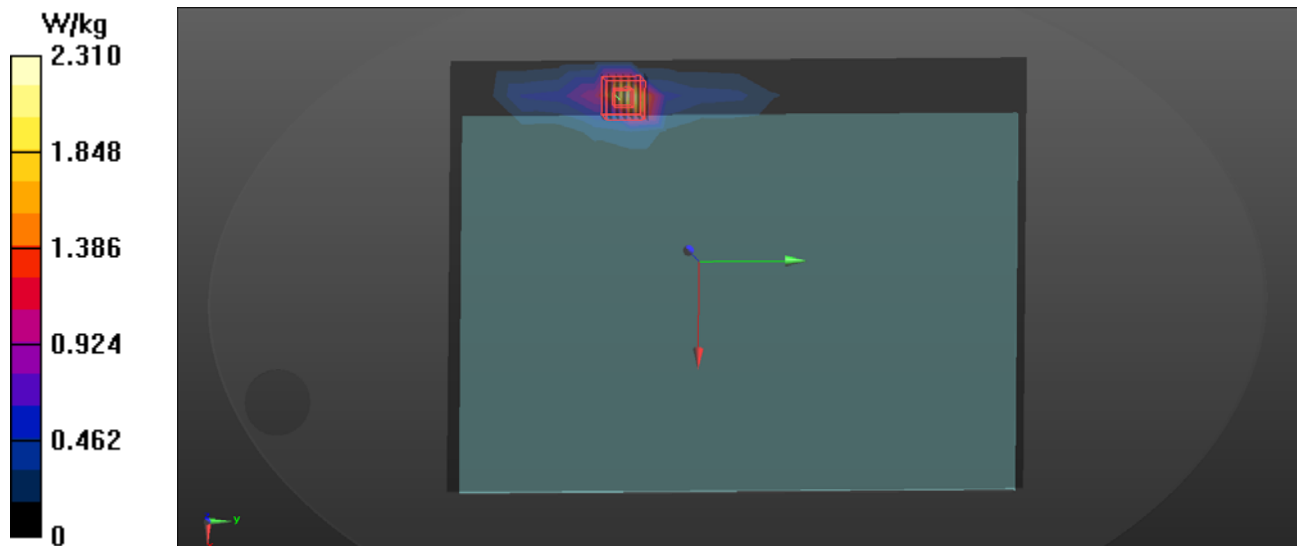
Communication System: UID 0, WiFi (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.34$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.31 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) = 5.66 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 2.50 W/kg



T40 802.11n_HT20_Ch36_Bottom_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.313$ S/m; $\epsilon_r = 47.599$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.996 W/kg

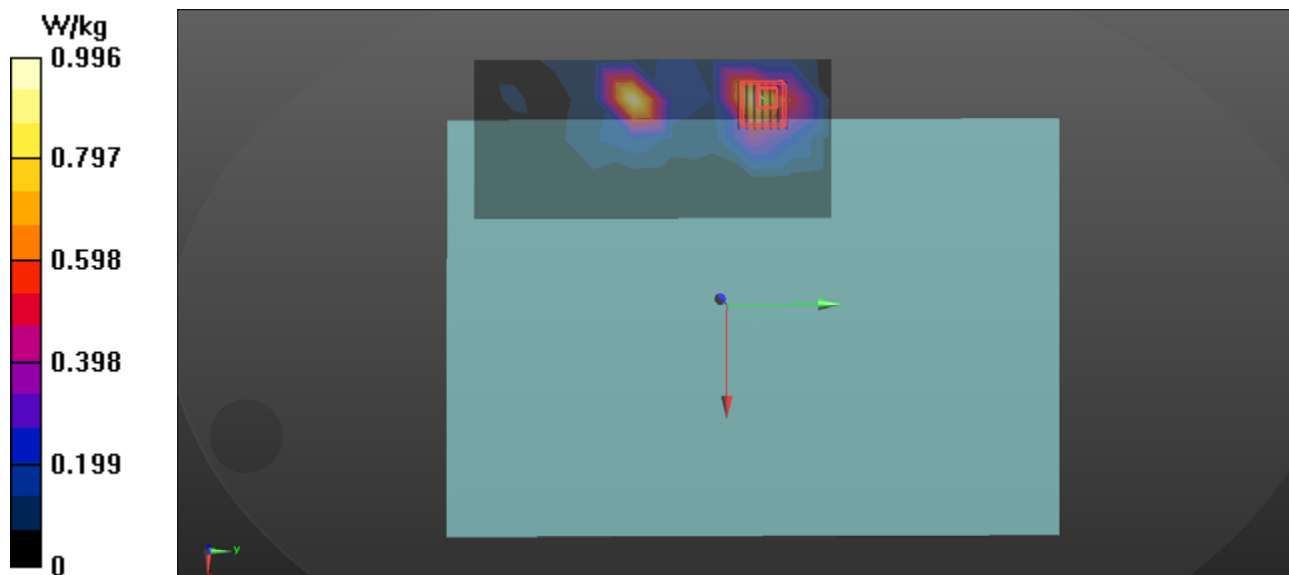
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.787 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



T03 802.11a_Ch56_Bottom_0cm_Ant 0**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.446$ S/m; $\epsilon_r = 47.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.51, 4.51, 4.51); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.79 W/kg

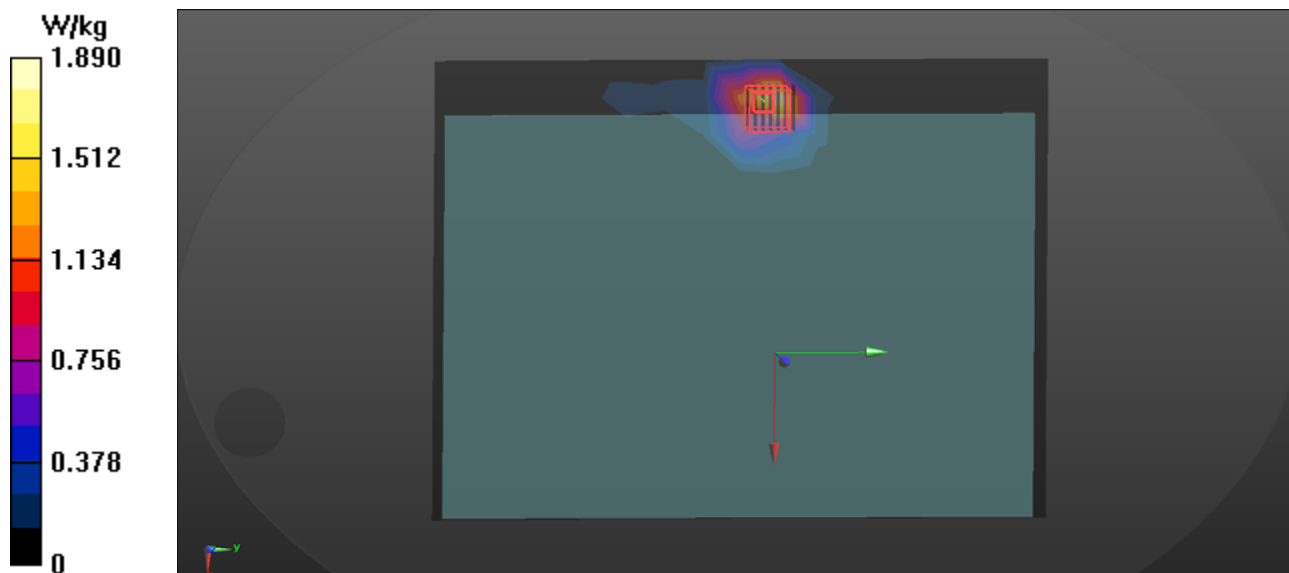
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 6.10 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



T08 802.11a_Ch52_Bottom_0cm_Ant 1

DUT: Notebook;

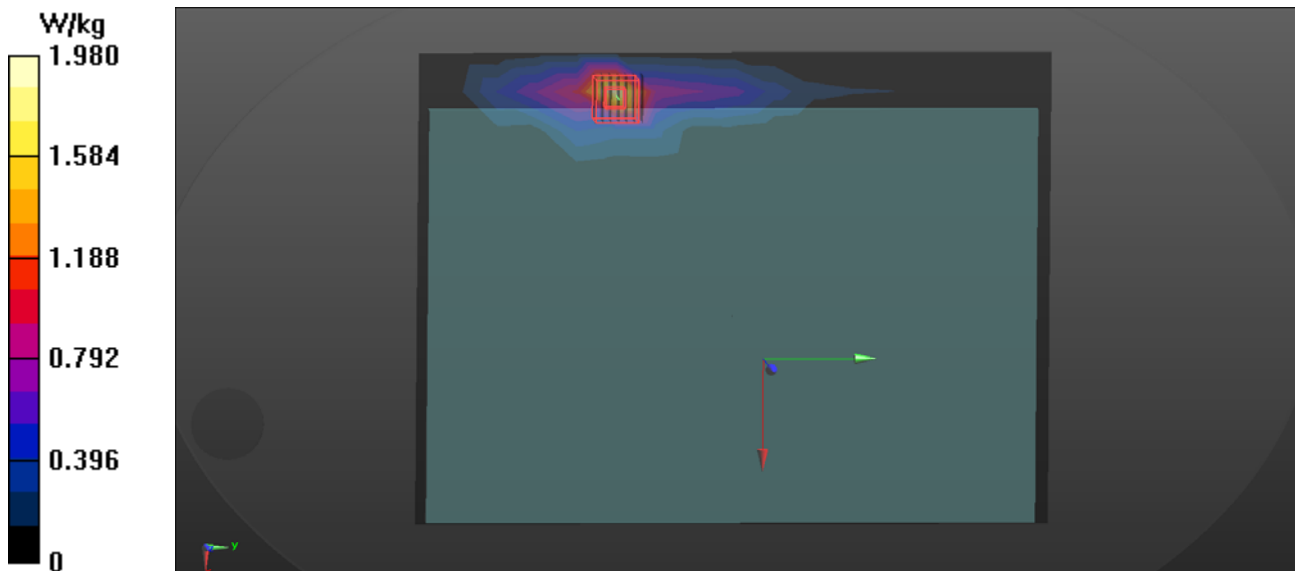
Communication System: UID 0, WiFi (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.41$ S/m; $\epsilon_r = 47.449$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.51, 4.51, 4.51); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.98 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) = 5.26 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 2.42 W/kg



T41 802.11n_HT20_Ch56_Bottom_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.446$ S/m; $\epsilon_r = 47.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.51, 4.51, 4.51); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.879 W/kg

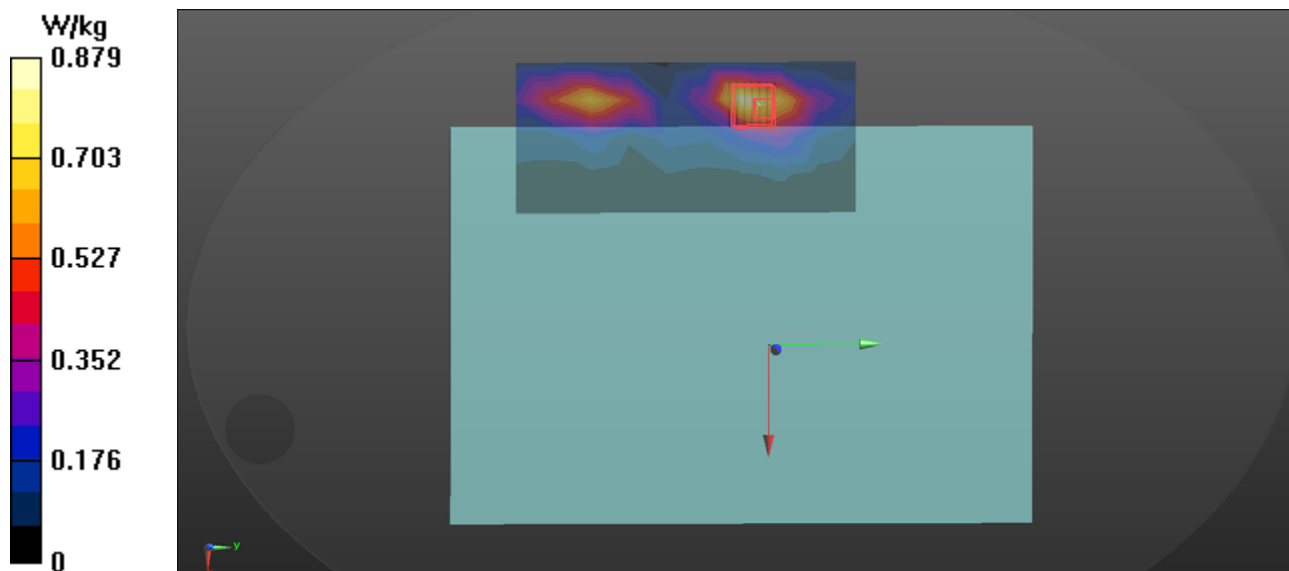
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.128 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.866 W/kg



T04 802.11a_Ch100_Bottom_0cm_Ant 0**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.753$ S/m; $\epsilon_r = 46.944$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(3.79, 3.79, 3.79); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.44 W/kg

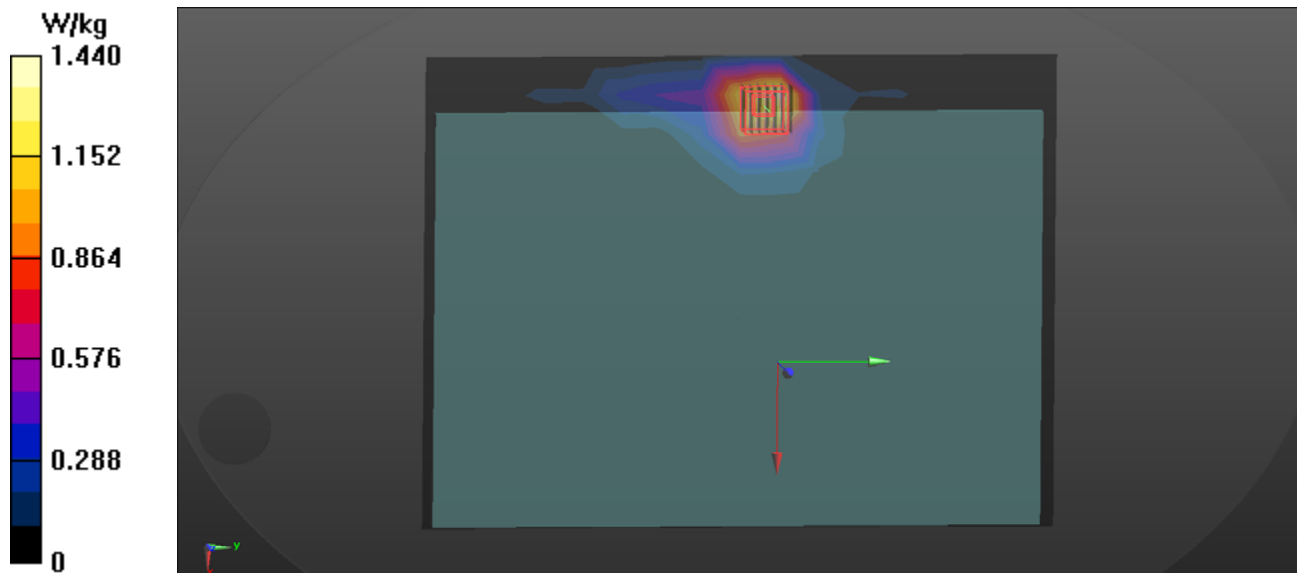
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 4.62 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



T28 802.11a_Ch136_Bottom_0cm_Ant 1

DUT: Notebook;

Communication System: UID 0, WiFi (0); Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680$ MHz; $\sigma = 5.995$ S/m; $\epsilon_r = 46.655$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(3.79, 3.79, 3.79); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (9x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.40 W/kg

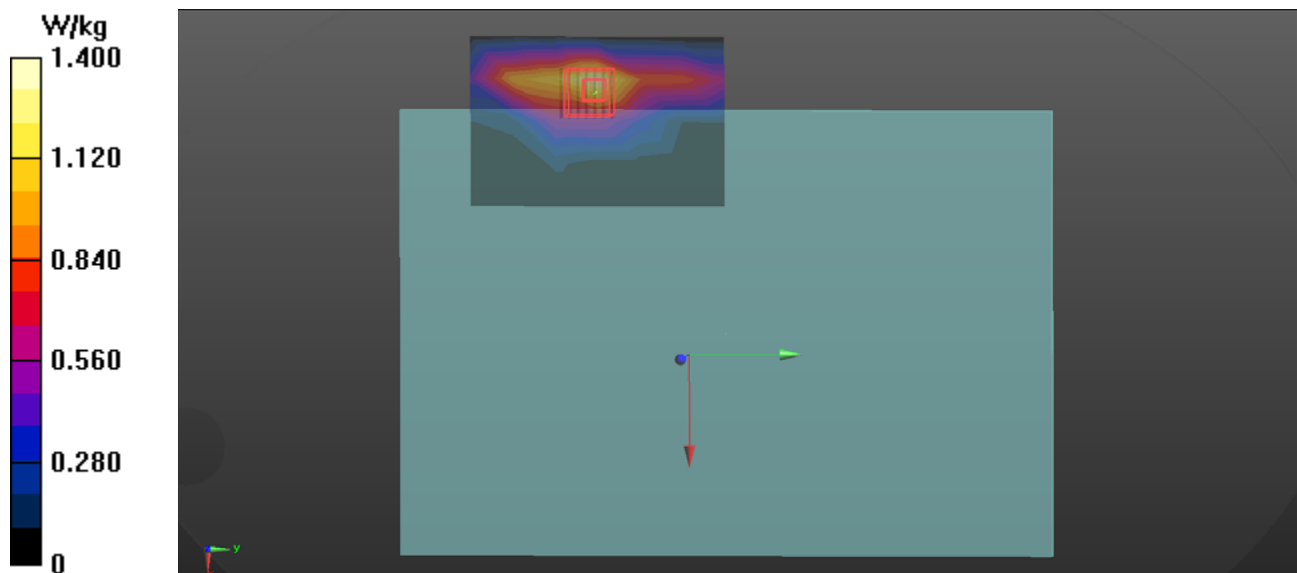
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 2.27 W/kg



T42 802.11n_HT20_Ch108_Bottom_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.809$ S/m; $\epsilon_r = 46.919$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(3.79, 3.79, 3.79); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.830 W/kg

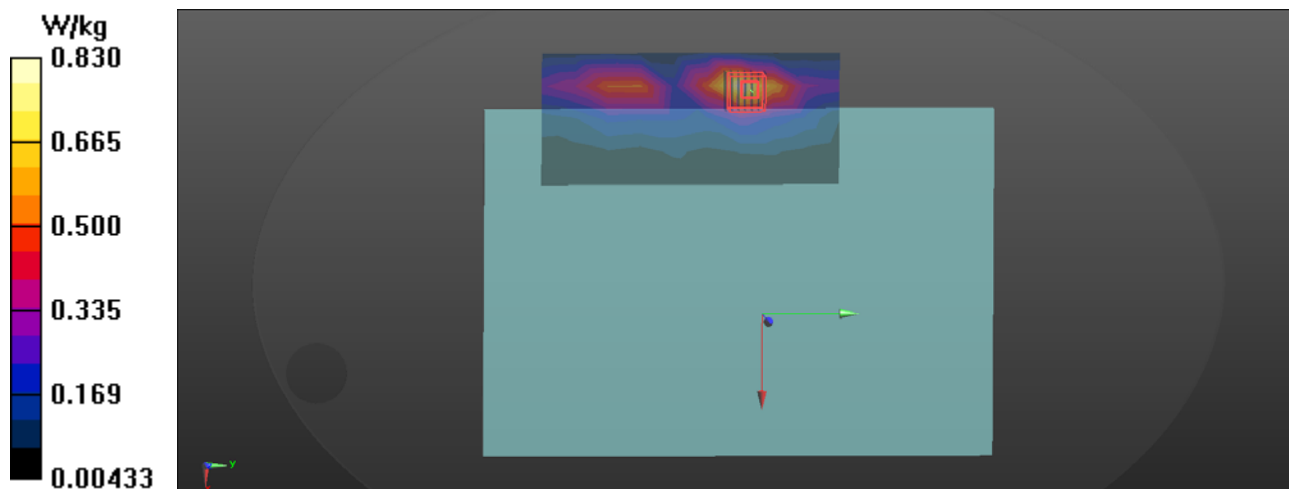
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.849 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.912 W/kg



T05 802.11a_Ch165_Bottom_0cm_Ant 0**DUT: Notebook;**

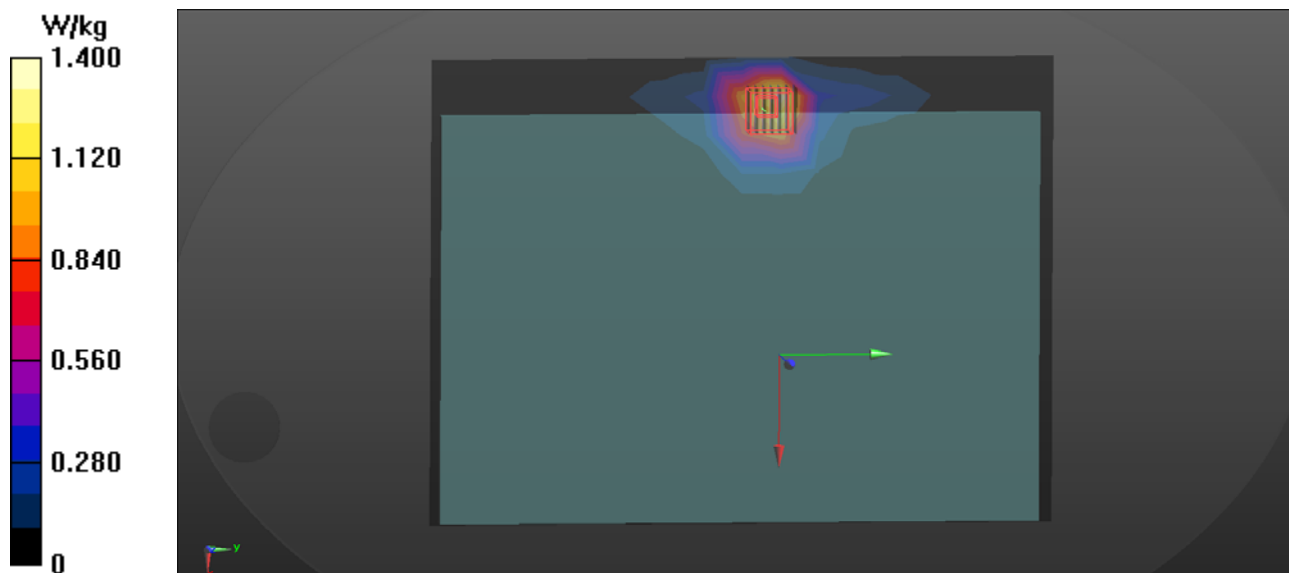
Communication System: UID 0, WiFi (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.208$ S/m; $\epsilon_r = 46.303$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4, 4, 4); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.40 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) = 5.46 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 2.61 W/kg



T10 802.11a_Ch165_Bottom_0cm_Ant 1**DUT: Notebook;**

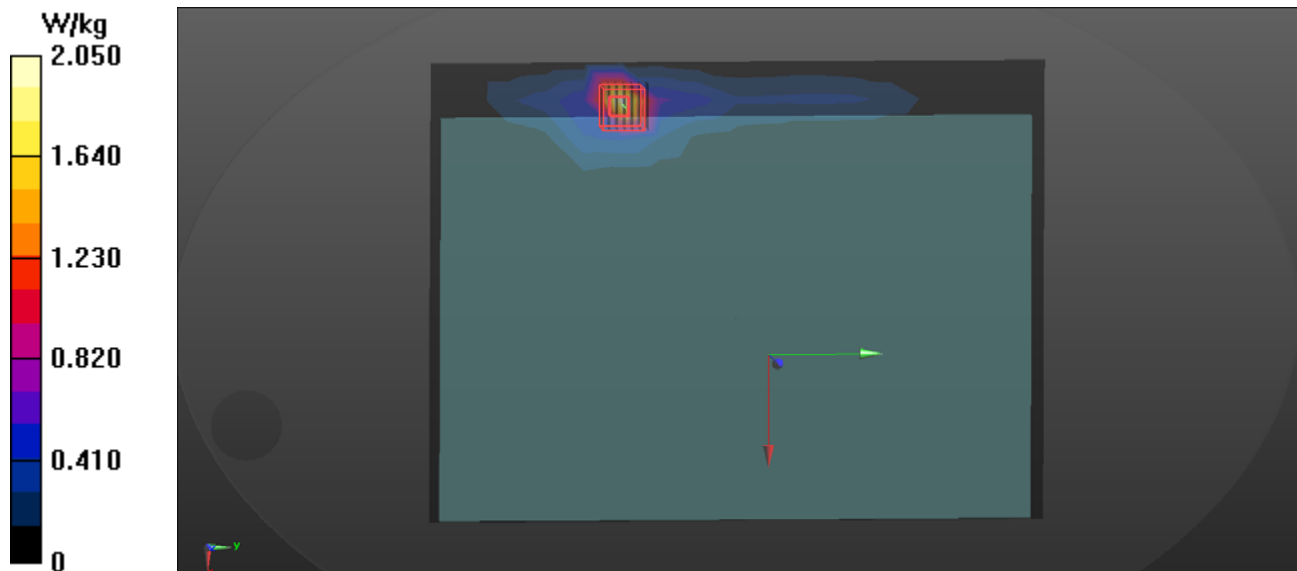
Communication System: UID 0, WiFi (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.208$ S/m; $\epsilon_r = 46.303$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4, 4, 4); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (26x34x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 2.05 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) = 4.57 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 2.28 W/kg



T43 802.11n_HT20_Ch149_Bottom_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.109$ S/m; $\epsilon_r = 46.509$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4, 4, 4); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -9.0, 21.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/23/2016
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.33 W/kg

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.127 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 1.63 W/kg

