

P01 802.11b_Ch1_Bottom (NB)_0cm_Ant 0**DUT: Notebook;**

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 51.681$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.27, 7.27, 7.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (9x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.727 W/kg

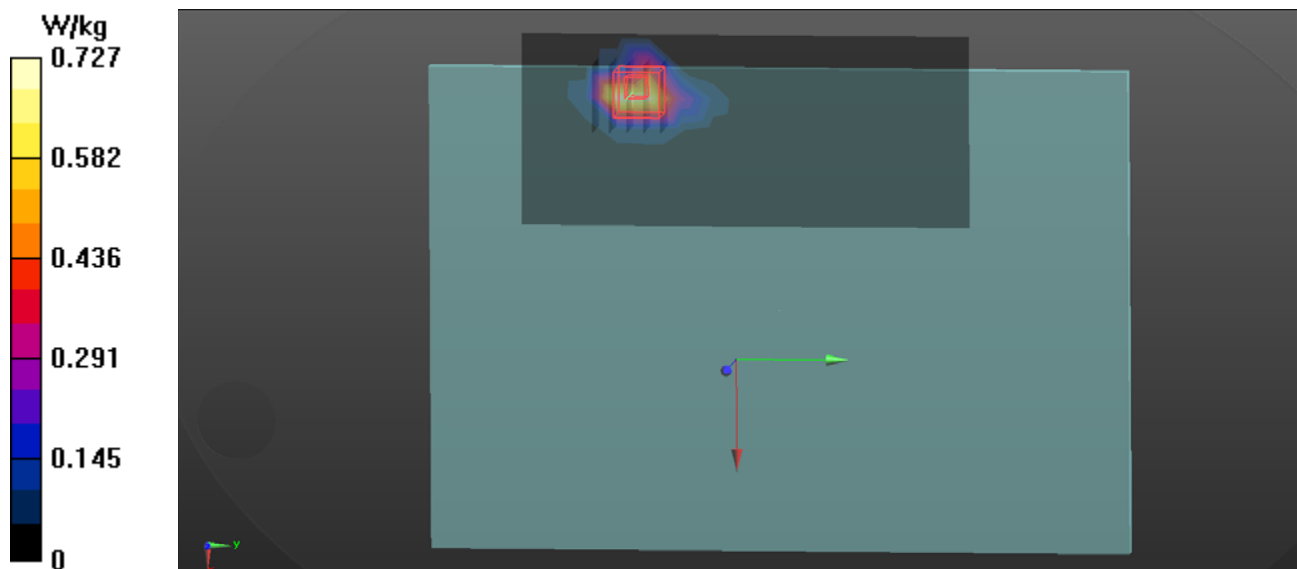
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.5910 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



P03 802.11b_Ch1_Bottom (NB)_0cm_Ant 1**DUT: Notebook;**

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 51.681$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.27, 7.27, 7.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (7x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.578 W/kg

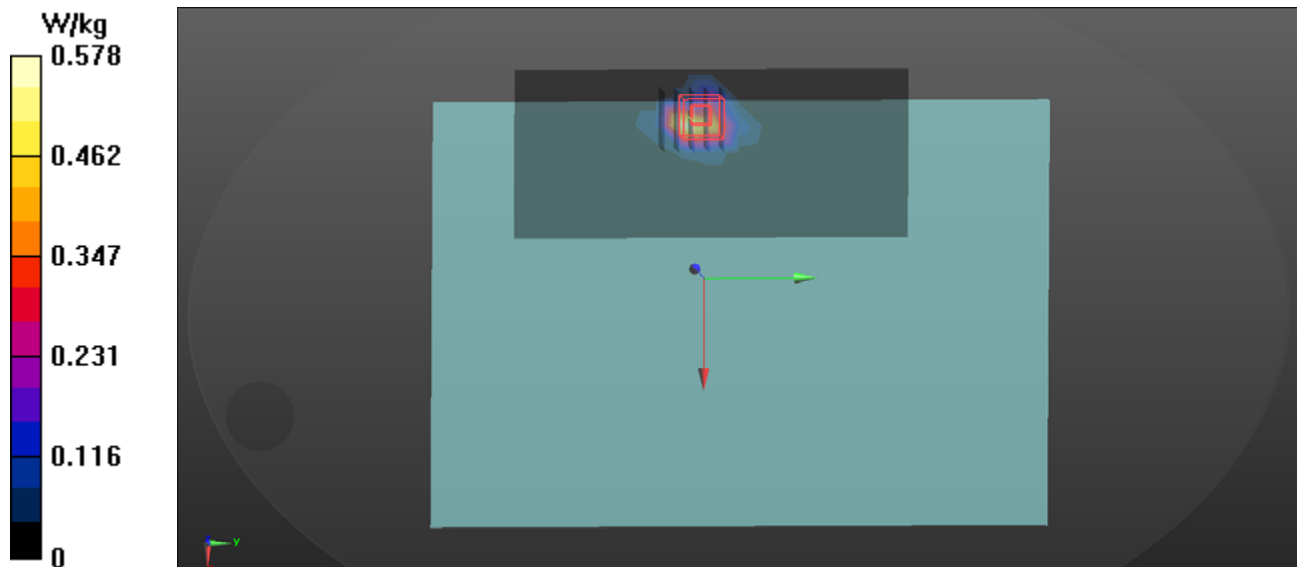
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.7760 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



P301 802.11n40_Ch3_Bottom (NB)_0cm_Ant 0+1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 2422 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2422$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.641$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

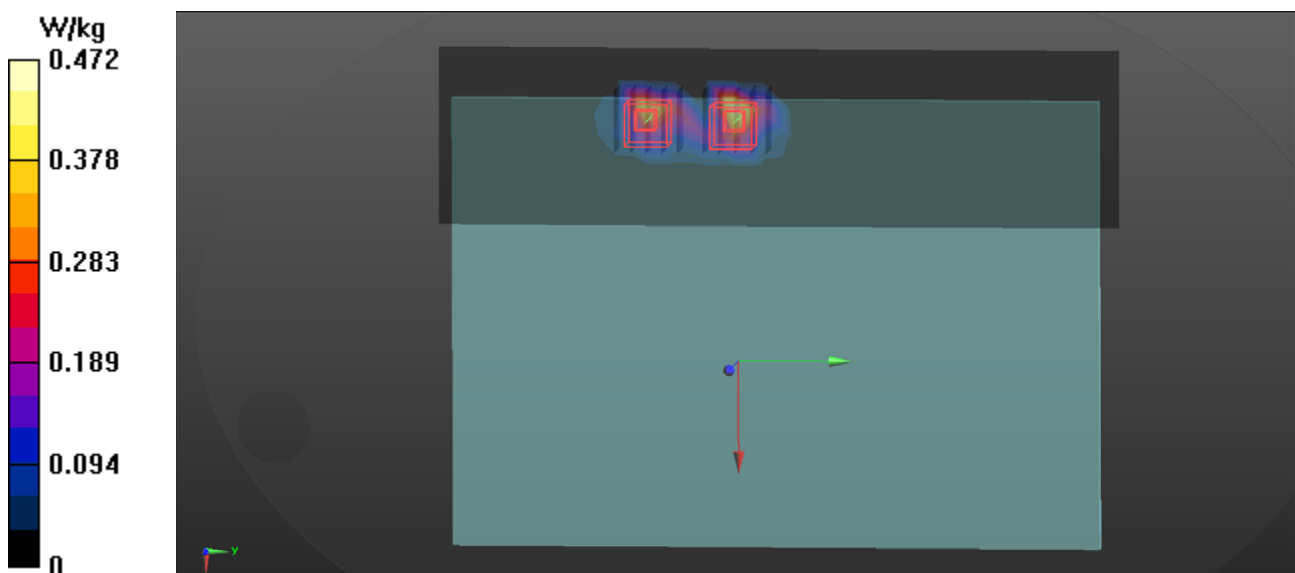
DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.27, 7.27, 7.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (9x30x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.472 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 0.7010 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.158 W/kg
Maximum value of SAR (measured) = 0.779 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 0.7010 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.944 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.634 W/kg



P60 BT_1M-DH5_Ch39_Bottom (NB)_0cm**DUT: Notebook;**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- 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 (22x29x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.540 W/kg

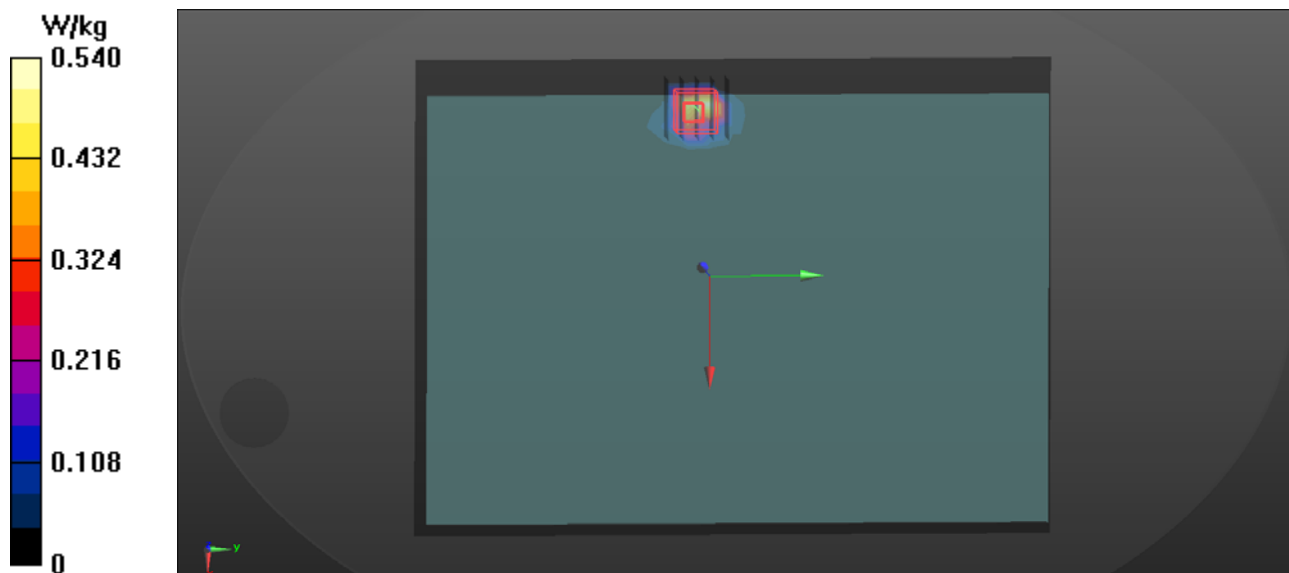
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.4490 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.620 W/kg



P09 802.11a_Ch36_Bottom (NB)_0cm_Ant 0**DUT: Notebook;**

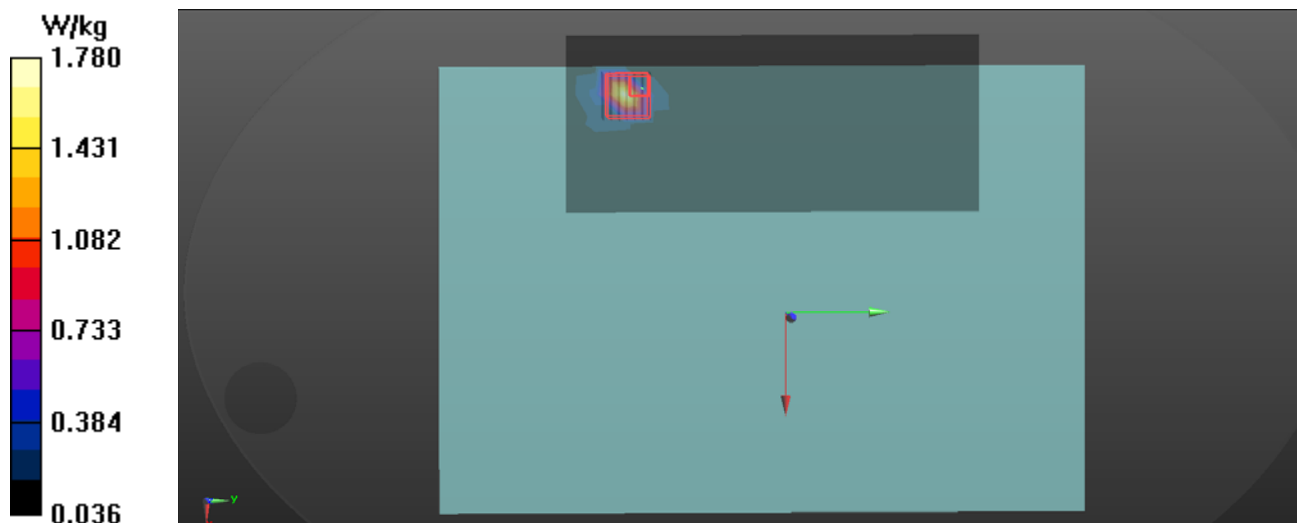
Communication System: UID 0, WiFi (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.261$ S/m; $\epsilon_r = 49.042$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.78 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 3.410 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 5.86 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 2.25 W/kg



P11 802.11a_Ch36_Bottom (NB)_0cm_Ant 1**DUT: Notebook;**

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

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.261$ S/m; $\epsilon_r = 49.042$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.66 W/kg

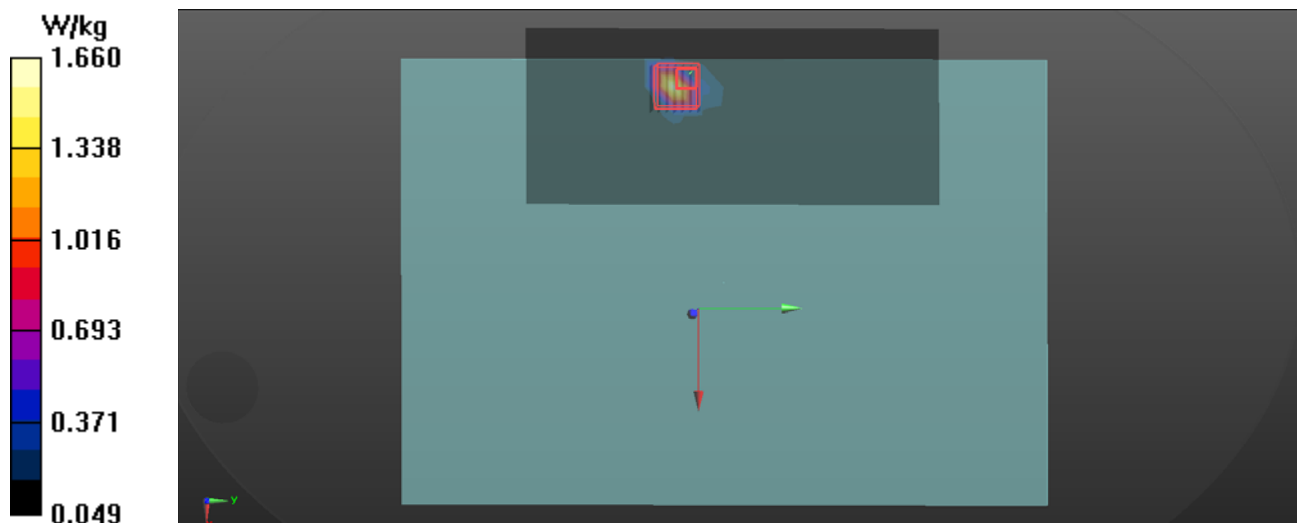
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.441 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



P304 802.11n20_Ch36_Bottom (NB)_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; $\sigma = 5.261$ S/m; $\epsilon_r = 49.042$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

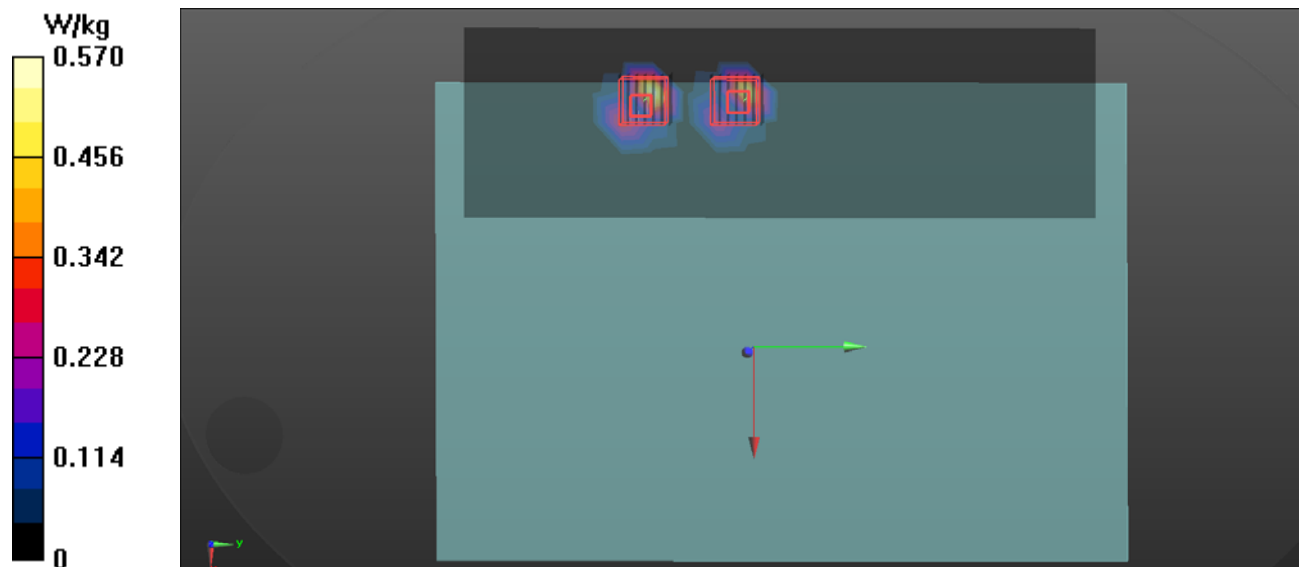
DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 12.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x31x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.570 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.8830 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.8830 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



P50 802.11a_Ch56_Bottom (NB)_0cm_Ant 0**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5280$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 50.988$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.849 W/kg

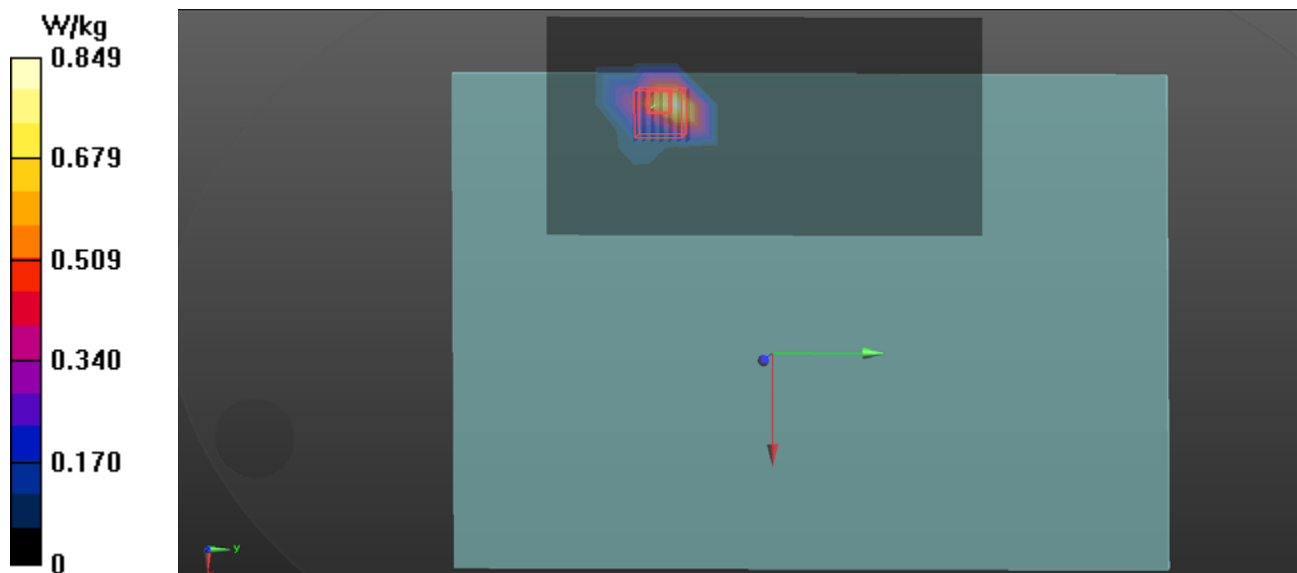
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.6830 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 6.00 W/kg

SAR(1 g) = 1.00 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



P15 802.11a_Ch52_Bottom (NB)_0cm_Ant 1**DUT: Notebook;**

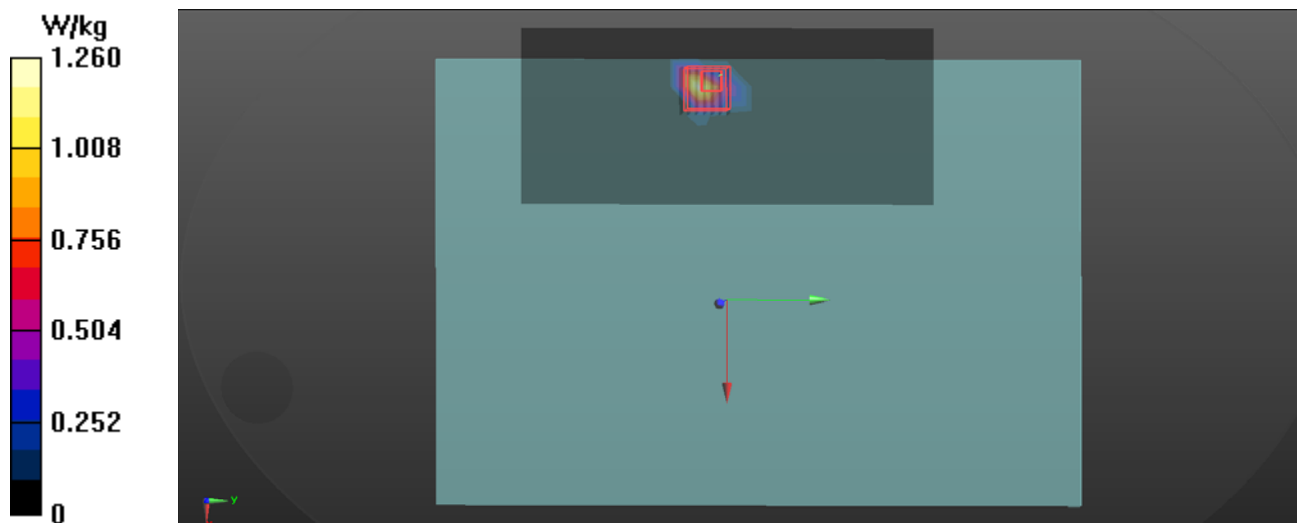
Communication System: UID 0, WiFi (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.396$ S/m; $\epsilon_r = 48.862$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.26 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) = 4.68 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 2.07 W/kg



P307 802.11n20_Ch52_Bottom (NB)_0cm_Ant 0+1

DUT: Notebook;

Communication System: UID 0, WiFi (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.396$ S/m; $\epsilon_r = 48.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.87, 4.87, 4.87); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 12.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x31x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.530 W/kg

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

Reference Value = 1.426 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 1.03 W/kg

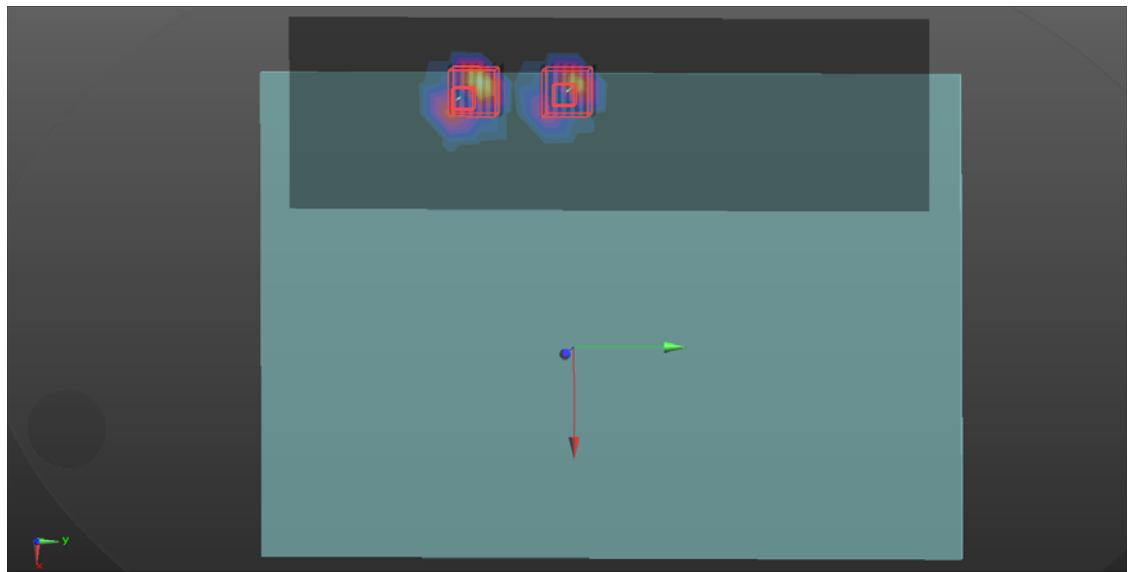
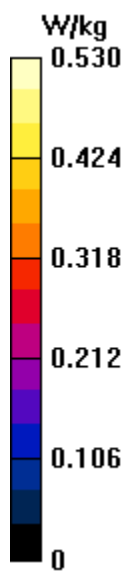
Zoom Scan (7x7x12)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.426 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.081 W/kg

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



P17 802.11a_Ch104_Bottom (NB)_0cm_Ant 0**DUT: Notebook;**

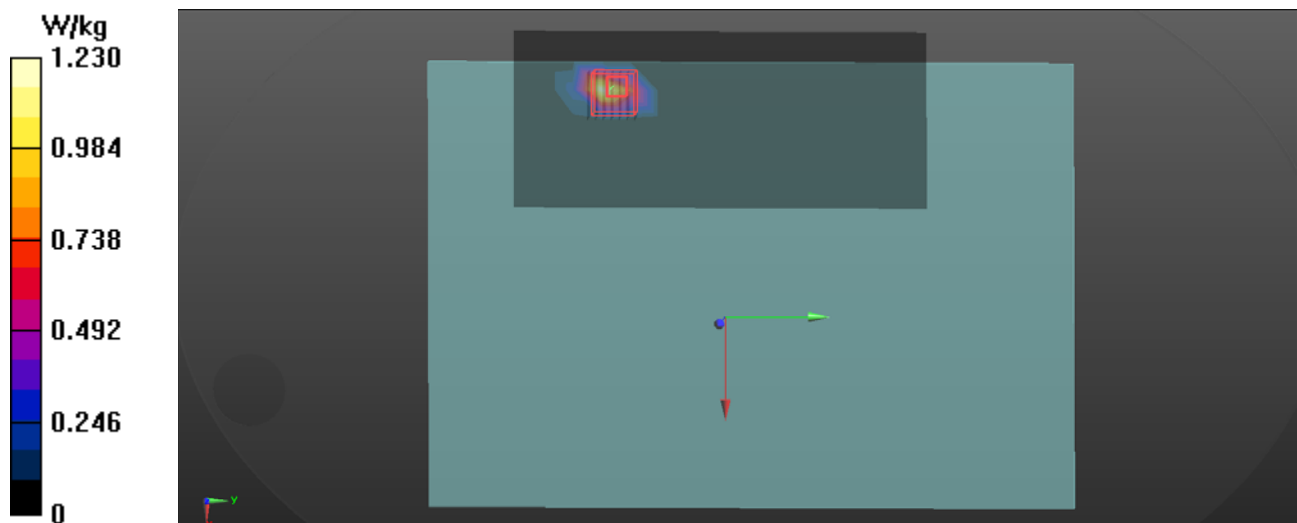
Communication System: UID 0, WiFi (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.708$ S/m; $\epsilon_r = 48.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.27, 4.27, 4.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.23 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) = 5.51 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 2.43 W/kg



P19 802.11a_Ch104_Bottom (NB)_0cm_Ant 1**DUT: Notebook;**

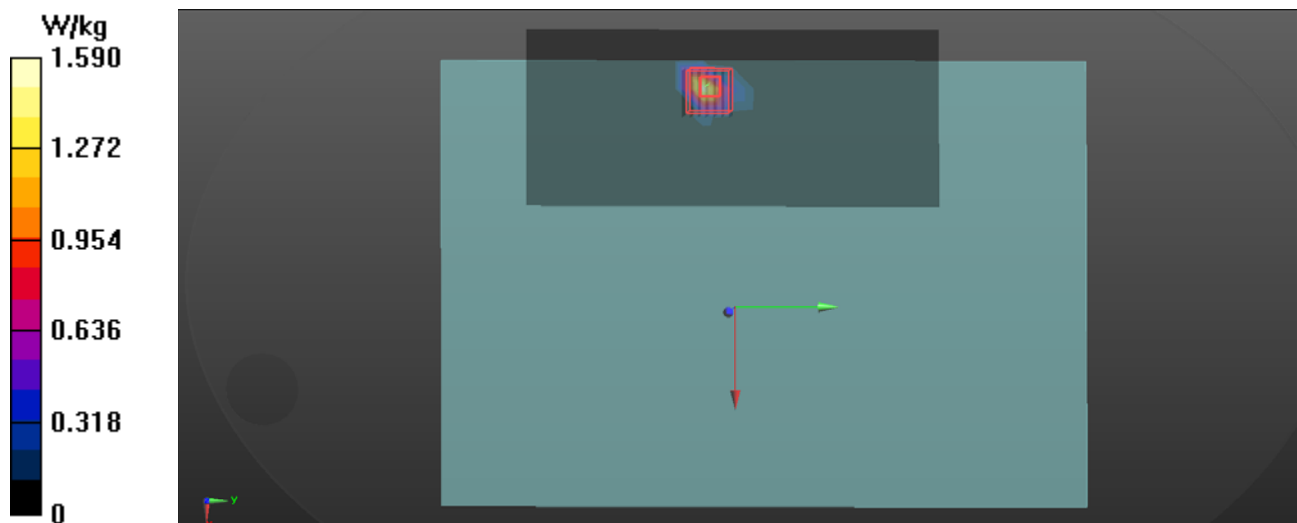
Communication System: UID 0, WiFi (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.708$ S/m; $\epsilon_r = 48.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.27, 4.27, 4.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.59 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.2160 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 5.36 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 2.12 W/kg



P310 802.11n20_Ch140_Bottom (NB)_0cm_Ant 0+1**DUT: Notebook;**

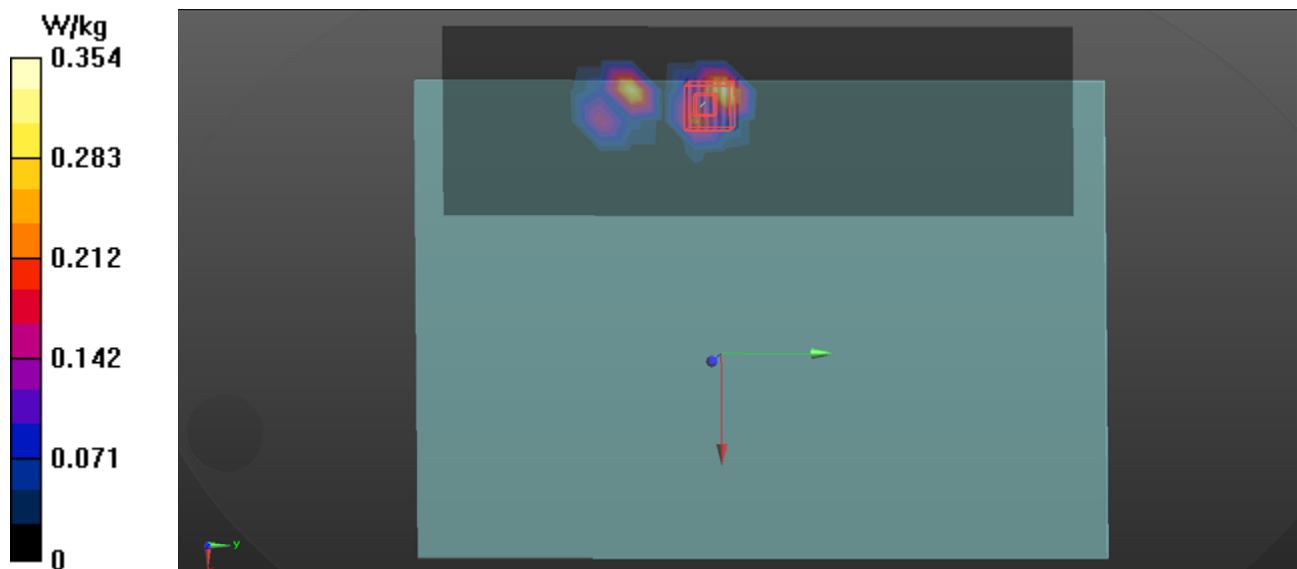
Communication System: UID 0, WiFi (0); Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5700$ MHz; $\sigma = 6.005$ S/m; $\epsilon_r = 47.917$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.27, 4.27, 4.27); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 12.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x31x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.354 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.3050 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



P21 802.11a_Ch165_Bottom (NB)_0cm_Ant 0**DUT: Notebook;**

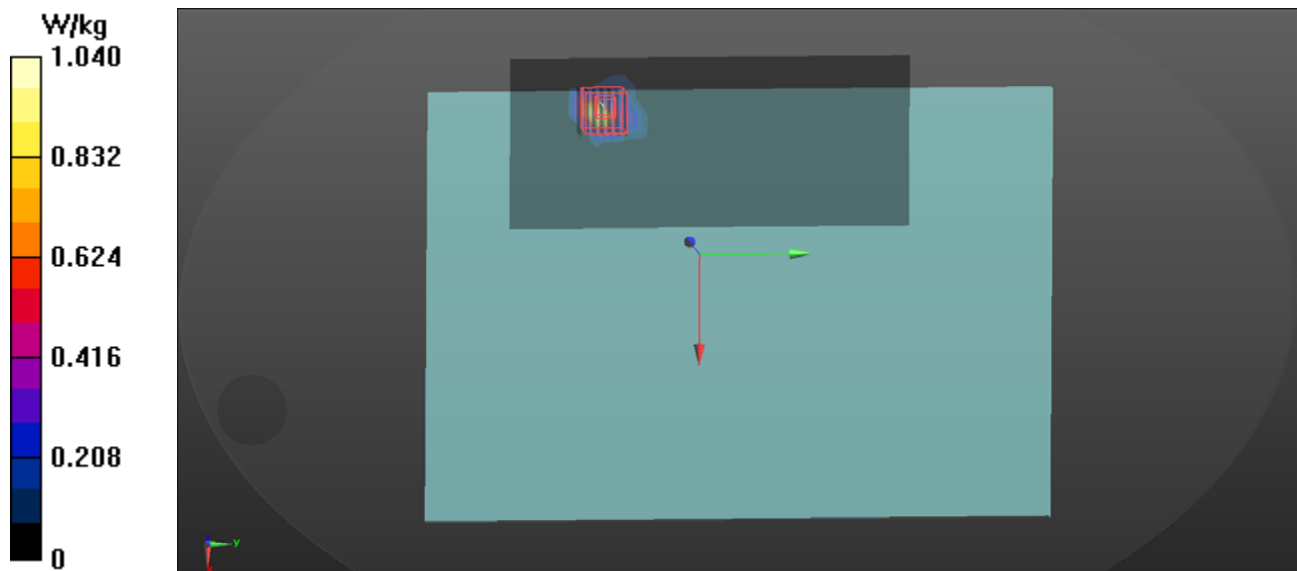
Communication System: UID 0, WiFi (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.196$ S/m; $\epsilon_r = 47.736$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.52, 4.52, 4.52); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.04 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.7370 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.61 W/kg
SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 2.53 W/kg



P23 802.11a_Ch161_Bottom (NB)_0cm_Ant 1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 6.141$ S/m; $\epsilon_r = 47.662$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.52, 4.52, 4.52); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 23.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.09 W/kg

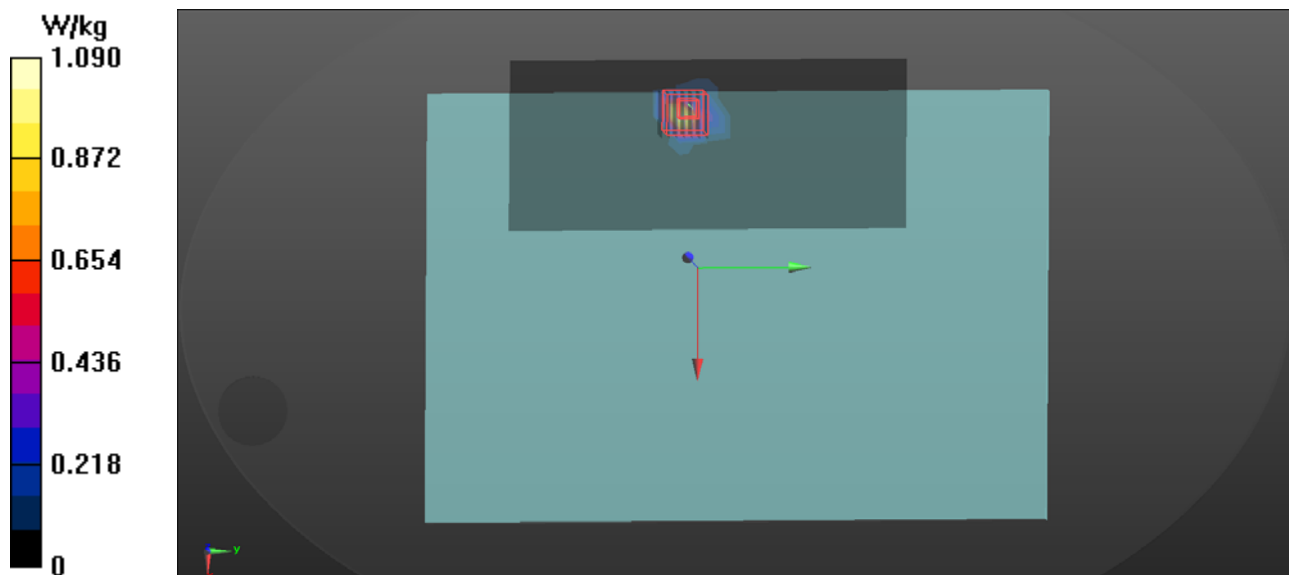
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.9490 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.91 W/kg

SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 2.13 W/kg



P313 802.11n20_Ch157_Bottom (NB)_0cm_Ant 0+1

DUT: Notebook;

Communication System: UID 0, WiFi (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785$ MHz; $\sigma = 6.073$ S/m; $\epsilon_r = 47.741$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

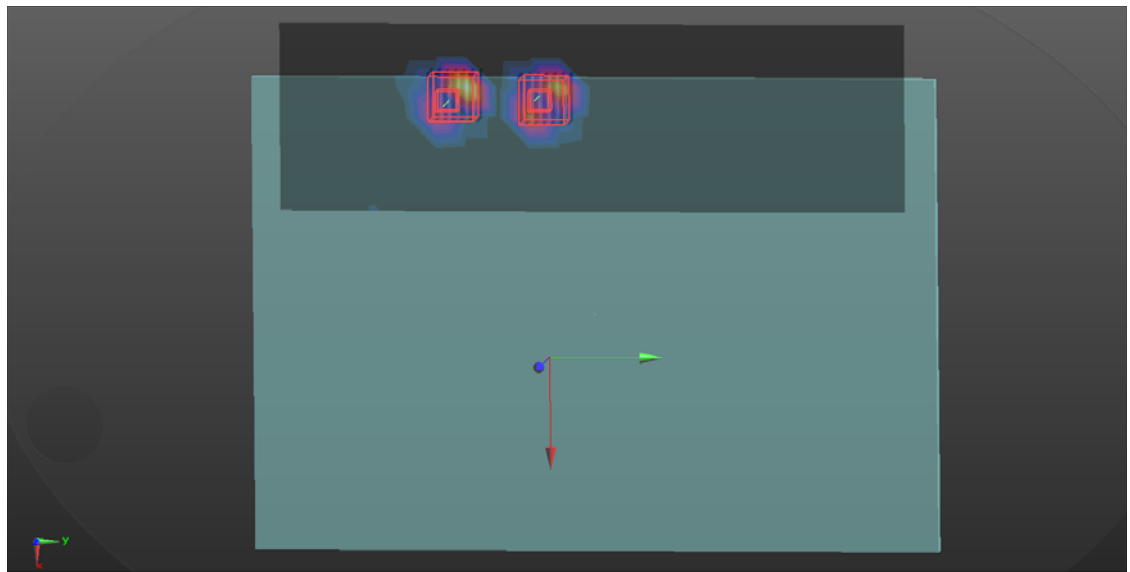
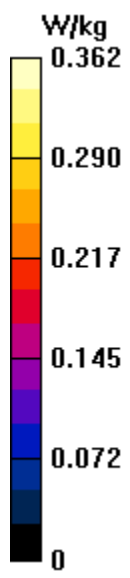
DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.52, 4.52, 4.52); Calibrated: 5/5/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 12.0$
- Electronics: DAE4 Sn1305; Calibrated: 4/25/2017
- 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 (11x31x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.362 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.3720 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.939 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 0.3720 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.894 W/kg



P25 802.11b_Ch6_Bottom (PAD)_0cm_Ant 0

DUT: Notebook;

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.975$ S/m; $\epsilon_r = 51.267$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 16.0$
- 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 (5x29x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.02 W/kg

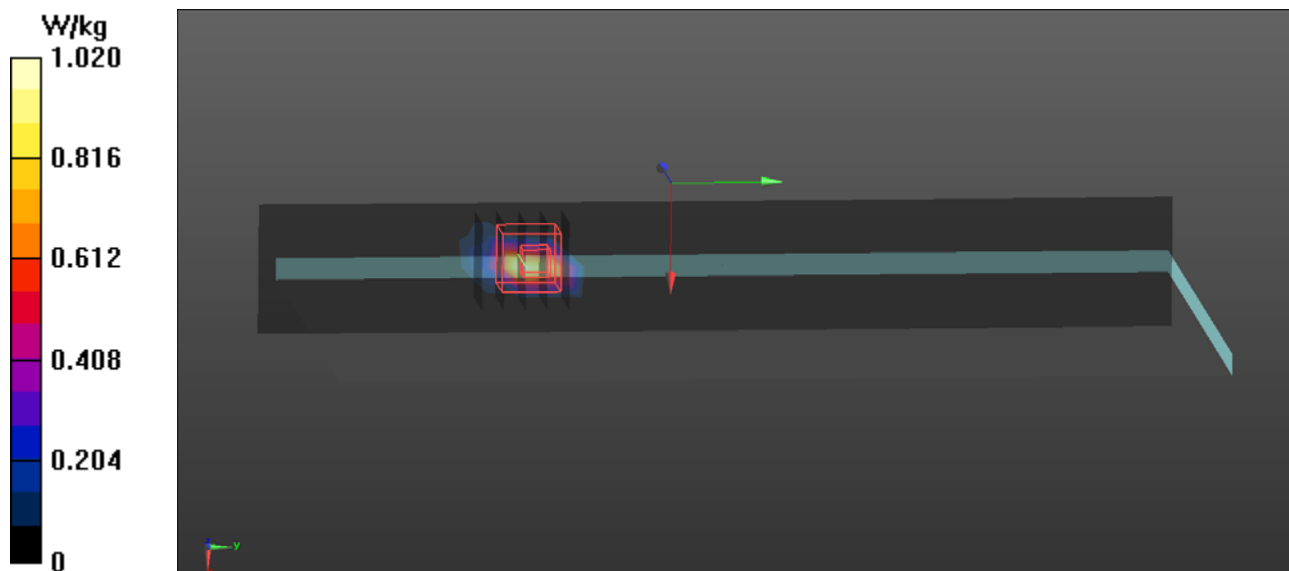
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.316 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



P27 802.11b_Ch1_Bottom (PAD)_0cm_Ant 1**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.367$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

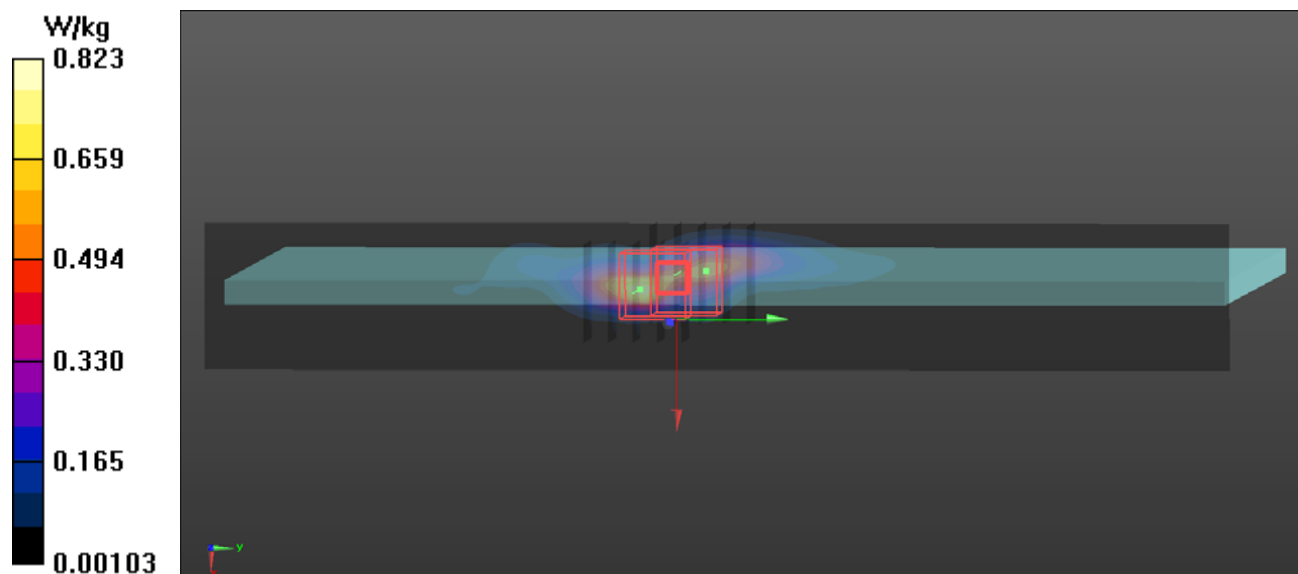
DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 16.0$
- 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 (41x281x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.766 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.26 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 10.26 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



P58 BT_1M-DH5_Ch39_Bottom (PAD)_0cm

DUT: Notebook;

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.56, 7.56, 7.56); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 16.0$
- 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 (5x29x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.185 W/kg

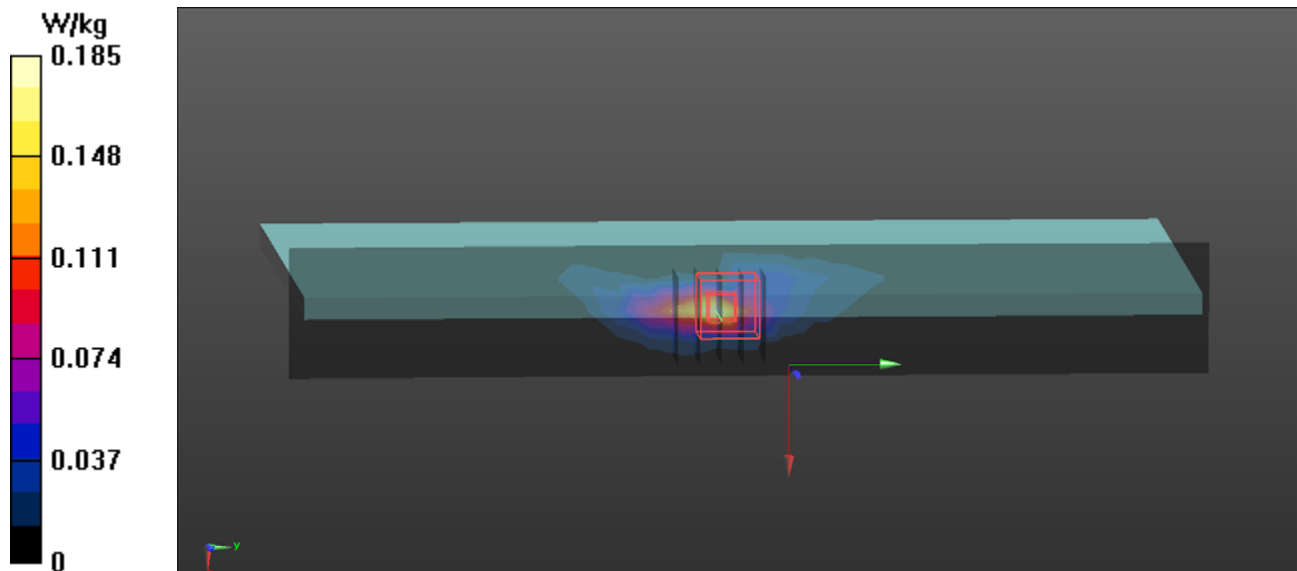
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.440 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.187 W/kg



P33 802.11a_Ch36_Bottom (PAD)_0cm_Ant 0**DUT: Notebook;**

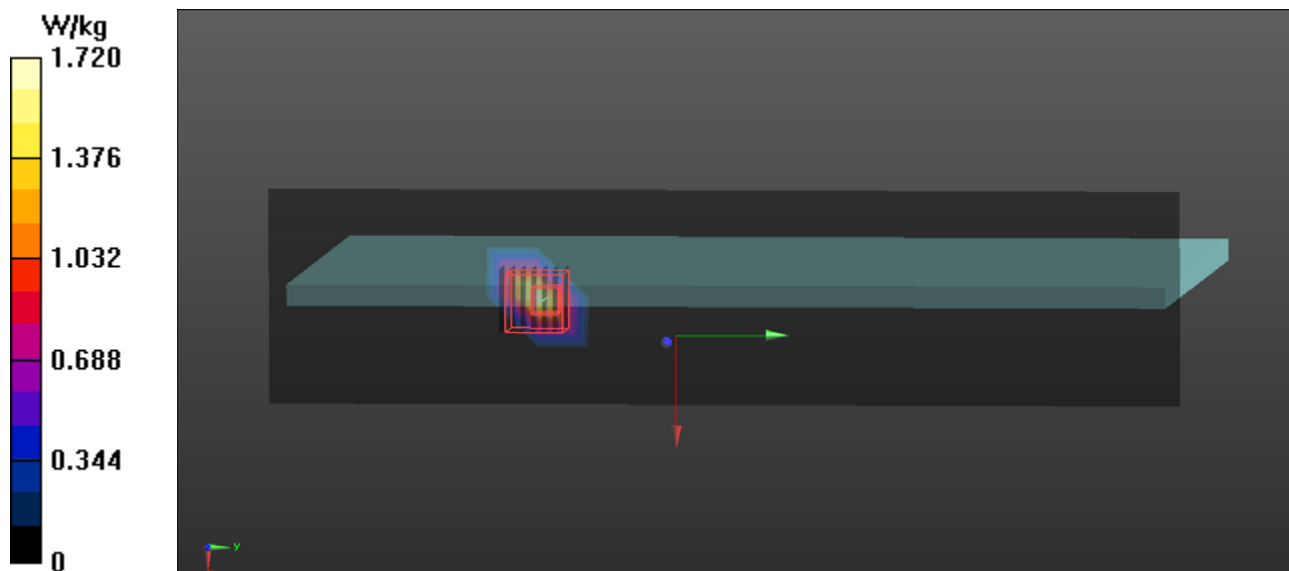
Communication System: UID 0, WiFi (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.321$ S/m; $\epsilon_r = 47.669$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.72 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) = 5.19 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 2.06 W/kg



P35 802.11a_Ch36_Bottom (PAD)_0cm_Ant 1**DUT: Notebook;**

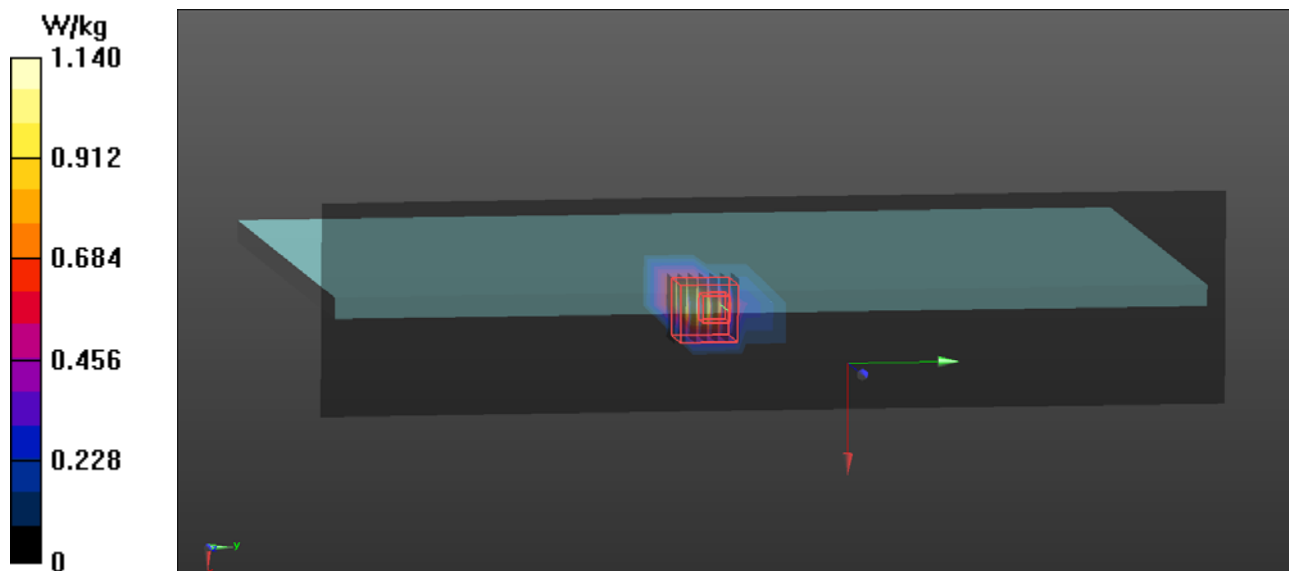
Communication System: UID 0, WiFi (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 5.321$ S/m; $\epsilon_r = 47.669$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.68, 4.68, 4.68); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): 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 = 0.9020 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.38 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 1.90 W/kg



P37 802.11a_Ch52_Bottom (PAD)_0cm_Ant 0**DUT: Notebook;**

Communication System: UID 0, WiFi (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.419$ S/m; $\epsilon_r = 47.514$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.51, 4.51, 4.51); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.55 W/kg

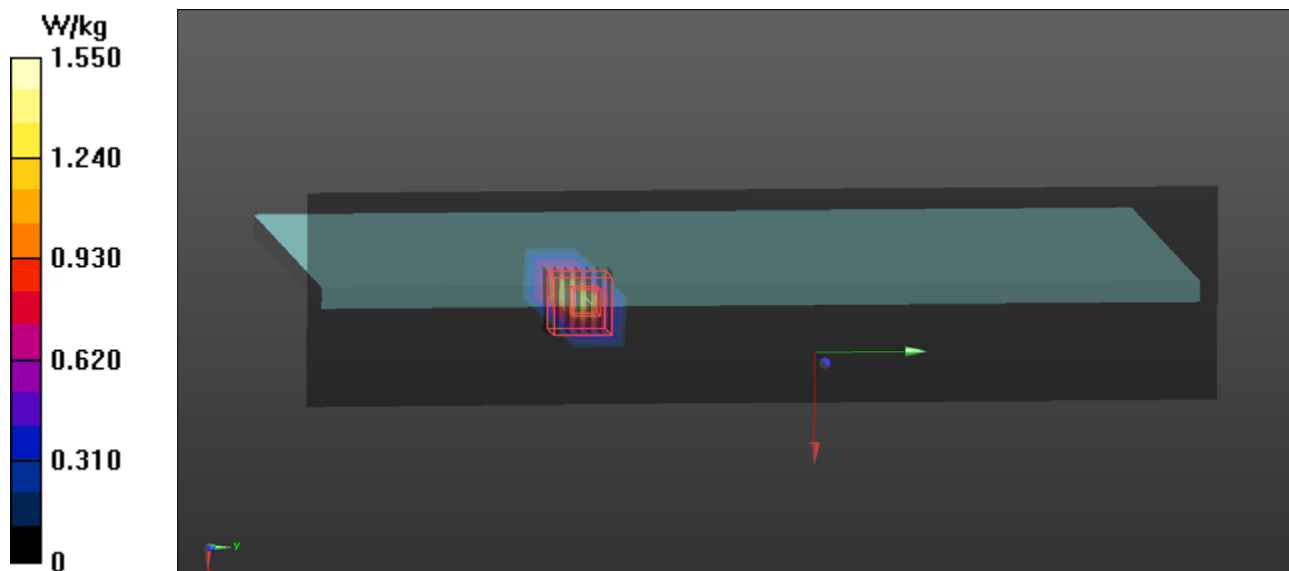
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.3150 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.96 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



P39 802.11a_Ch56_Bottom (PAD)_0cm_Ant 1**DUT: Notebook;**

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

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.454$ S/m; $\epsilon_r = 47.457$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4.51, 4.51, 4.51); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.15 W/kg

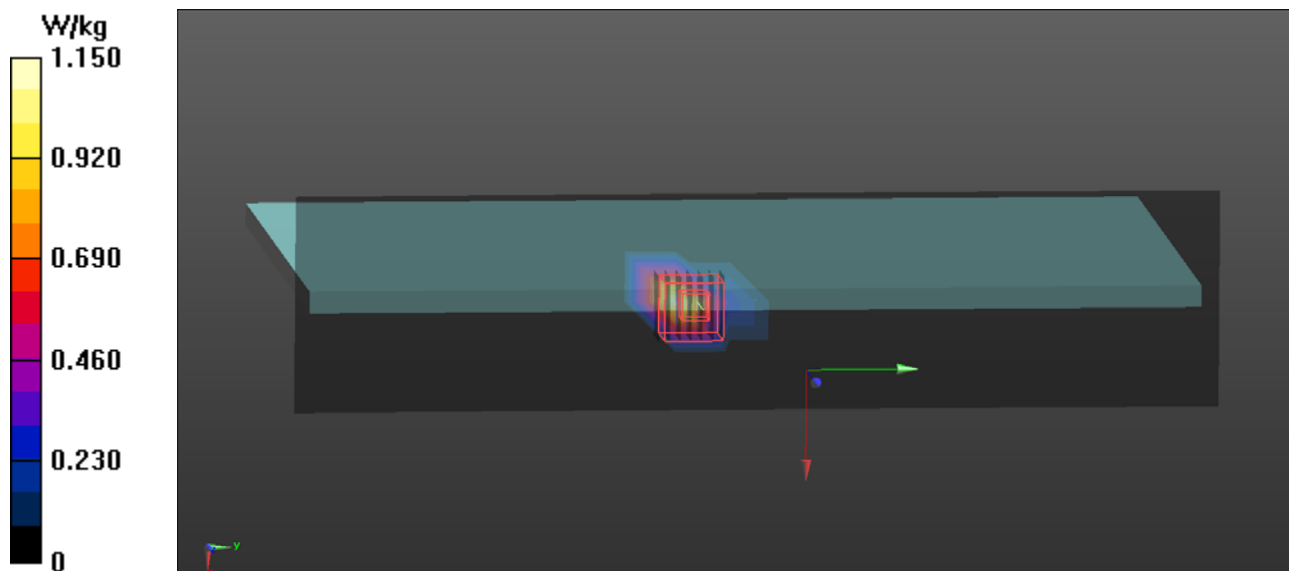
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.5040 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.44 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



P41 802.11a_Ch104_Bottom (PAD)_0cm_Ant 0**DUT: Notebook;**

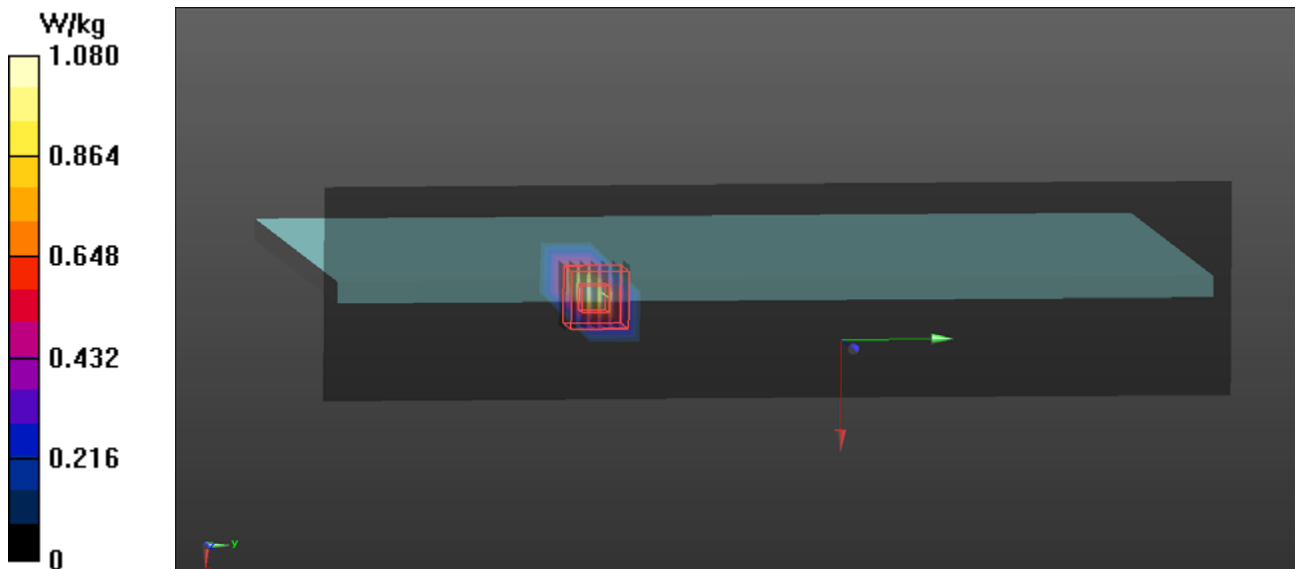
Communication System: UID 0, WiFi (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.797$ S/m; $\epsilon_r = 47.005$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(3.79, 3.79, 3.79); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.08 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) = 4.70 W/kg
SAR(1 g) = 0.42 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



P43 802.11a_Ch104_Bottom (PAD)_0cm_Ant 1**DUT: NB;**

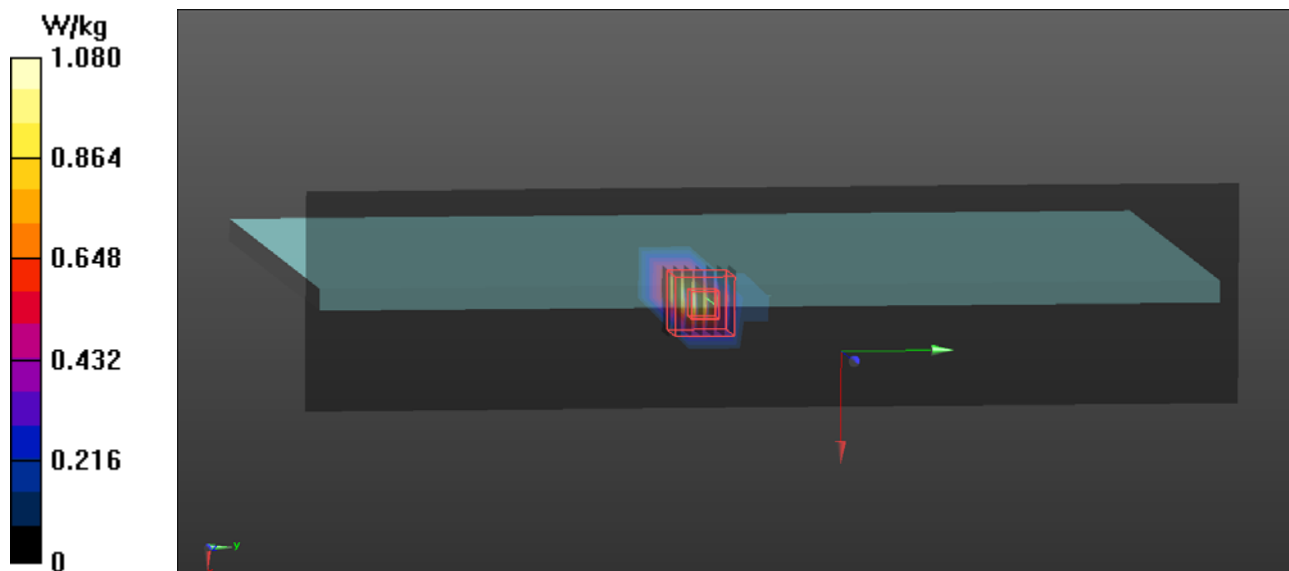
Communication System: UID 0, WiFi (0); Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.797$ S/m; $\epsilon_r = 47.005$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(3.79, 3.79, 3.79); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.08 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 2.844 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



P45 802.11a_Ch165_Bottom (PAD)_0cm_Ant 0**DUT: NB;**

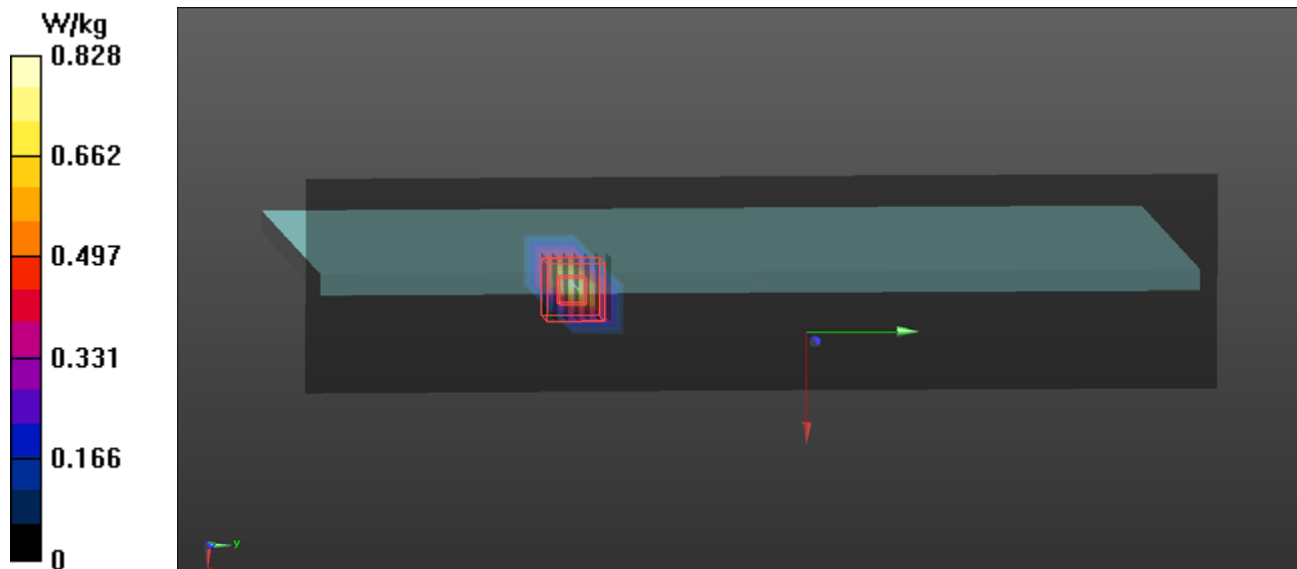
Communication System: UID 0, WiFi (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825$ MHz; $\sigma = 6.217$ S/m; $\epsilon_r = 46.371$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(4, 4, 4); Calibrated: 8/31/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.828 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) = 1.87 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.073 W/kg
Maximum value of SAR (measured) = 0.853 W/kg



P47 802.11a_Ch161_Bottom (PAD)_0cm_Ant 0**DUT: NB;**

Communication System: UID 0, WiFi (0); Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5805$ MHz; $\sigma = 6.178$ S/m; $\epsilon_r = 46.461$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °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), $z = -19.0, 11.0$
- 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 (10x36x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.926 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) = 1.98 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.092 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

