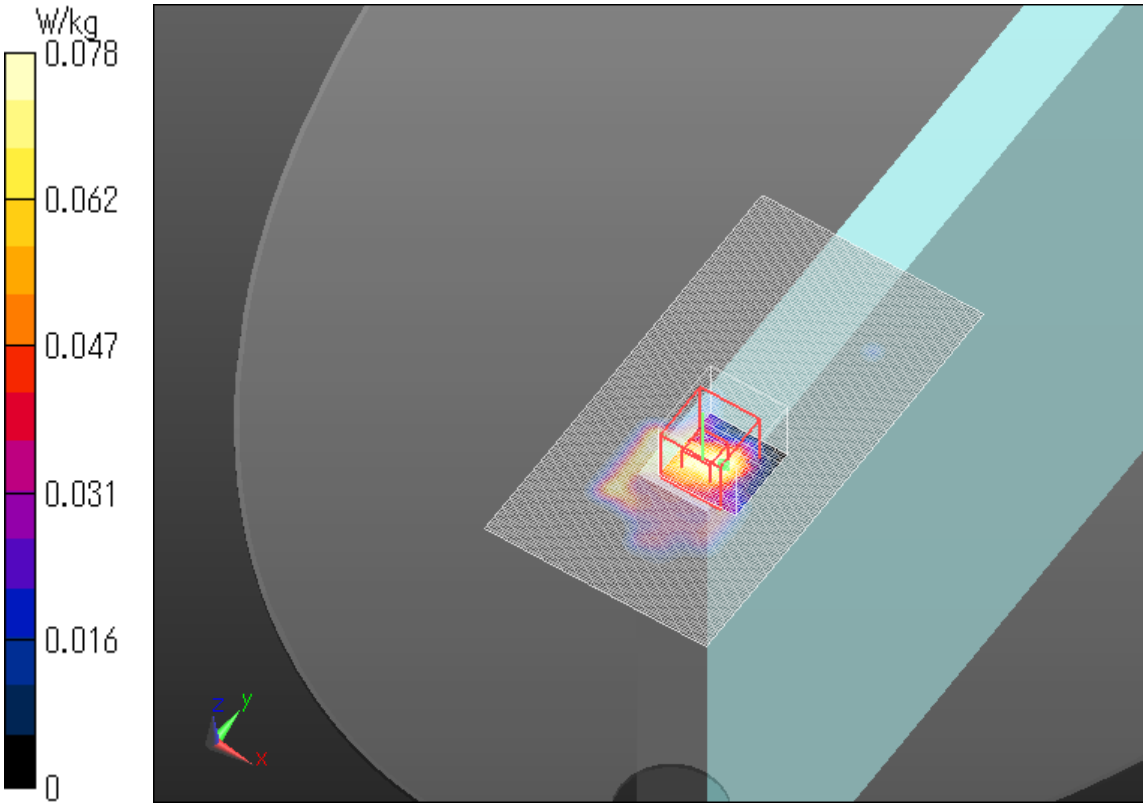
**15.3 SAR test plots for WLAN 5.2/5.3GHz band**

**WLAN 5.3G Ant Main 11n40 HT0 5310MHz Edge1 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.599 S/m; $\varepsilon_r$ = 47.013; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.119 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.315 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.236 W/kg
**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.0092 W/kg**
Maximum value of SAR (measured) = 0.0780 W/kg

Date: 2017/01/11
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.



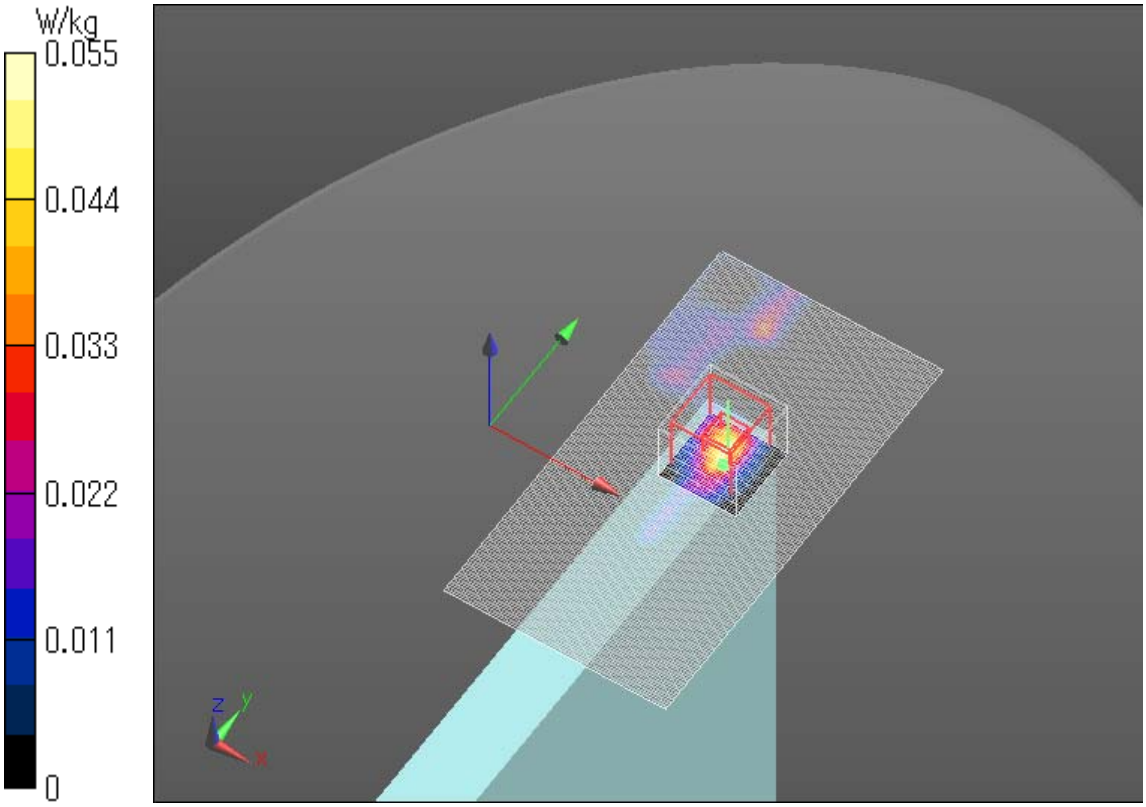

Plot No. 1

**WLAN 5.3G Ant Main 11n40 HT0 5310MHz Edge3 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.599 S/m; $\varepsilon_r$ = 47.013; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.283 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.183 W/kg
**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00378 W/kg**
Maximum value of SAR (measured) = 0.0547 W/kg

Date: 2017/01/11
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

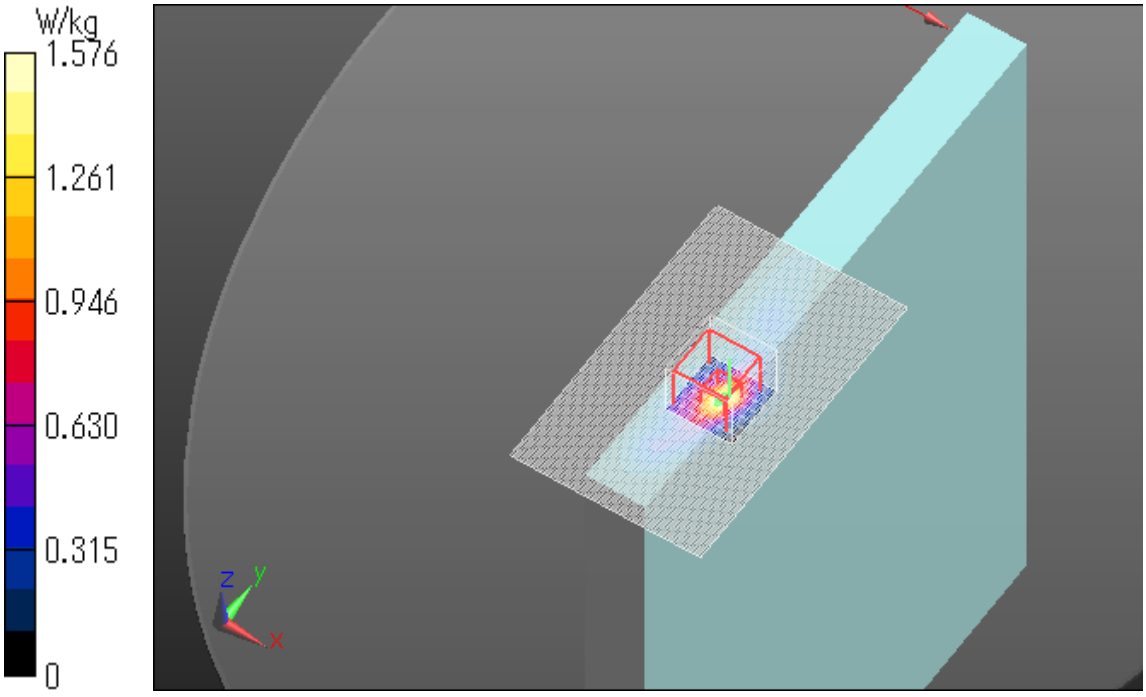


**WLAN 5.3G Ant Main 11n40 HT0 5310MHz Edge4 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.599 S/m; $\varepsilon_r$ = 47.013; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.34 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.73 W/kg
**SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.180 W/kg**
Maximum value of SAR (measured) = 1.58 W/kg

Date: 2017/01/11
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

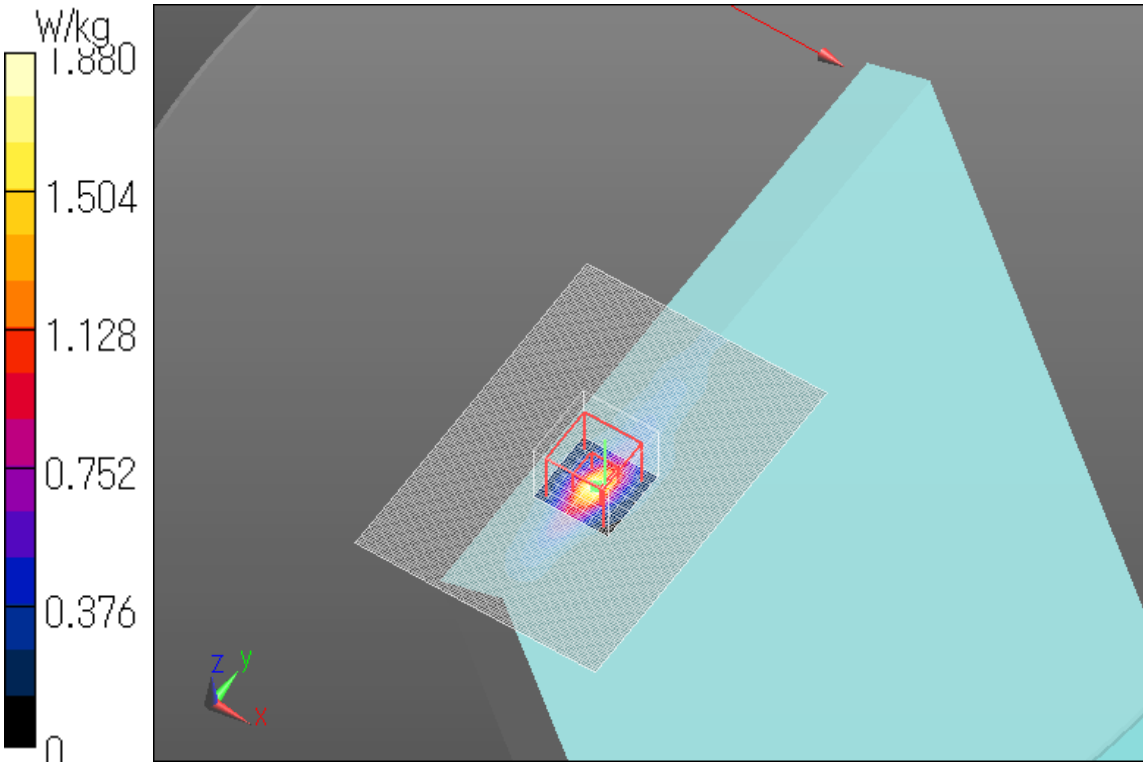


**WLAN 5.3G Ant Main 11n40 HT0 5270MHz Edge4 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; $\sigma$ = 5.55 S/m; $\varepsilon_r$ = 47.094; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (91x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.02 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.47 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.36 W/kg
**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.181 W/kg**
Maximum value of SAR (measured) = 1.88 W/kg

Date: 2017/02/13
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

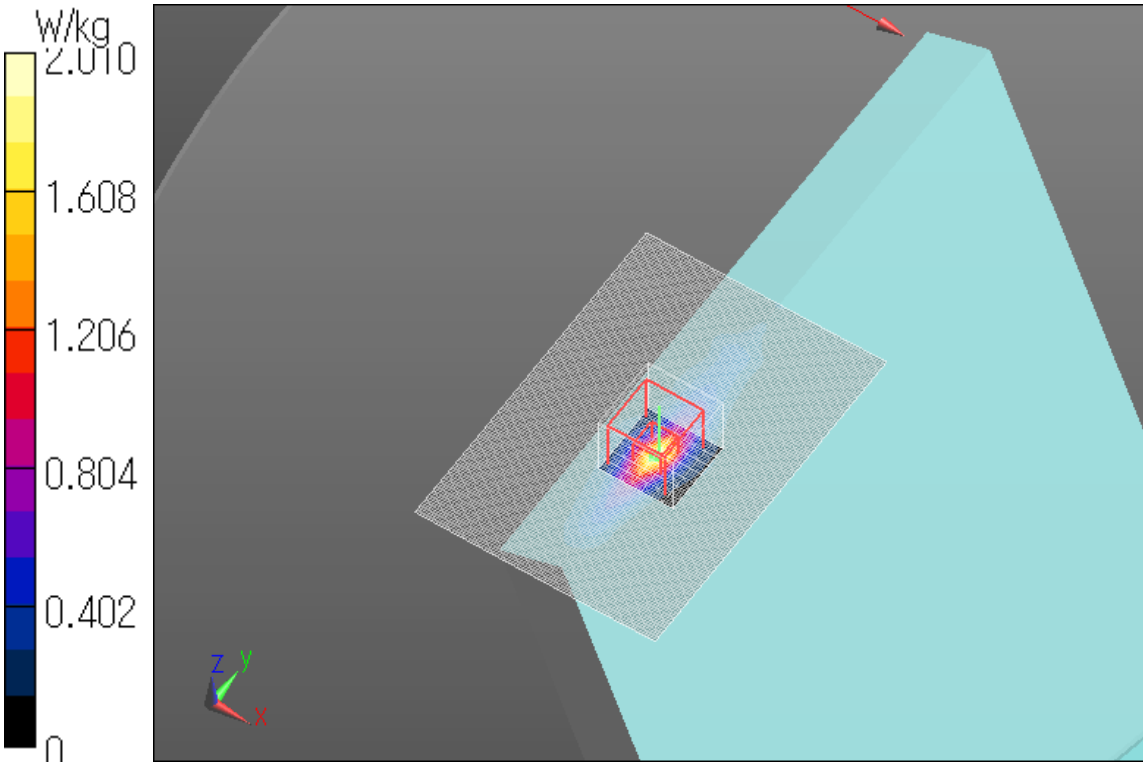


**WLAN 5.3G Ant Main 11n40 HT0 5310MHz Edge4 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.621 S/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (91x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.07 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.21 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.38 W/kg
**SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.193 W/kg**
Maximum value of SAR (measured) = 2.01 W/kg

Date: 2017/02/13
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

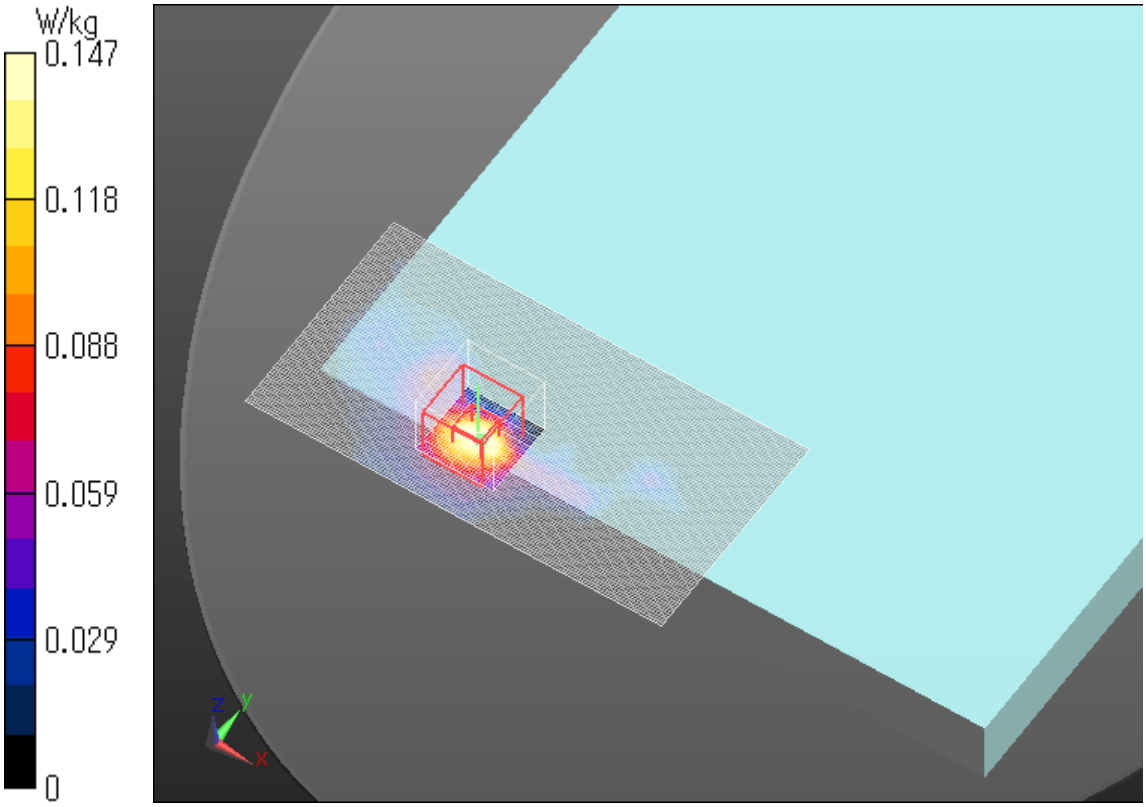


**WLAN 5.3G Ant Main 11n40 HT0 5310MHz Rear 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.599 S/m; $\varepsilon_r$ = 47.013; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (151x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.187 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.996 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.221 W/kg
**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.020 W/kg**
Maximum value of SAR (measured) = 0.147 W/kg

Date: 2017/01/11
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

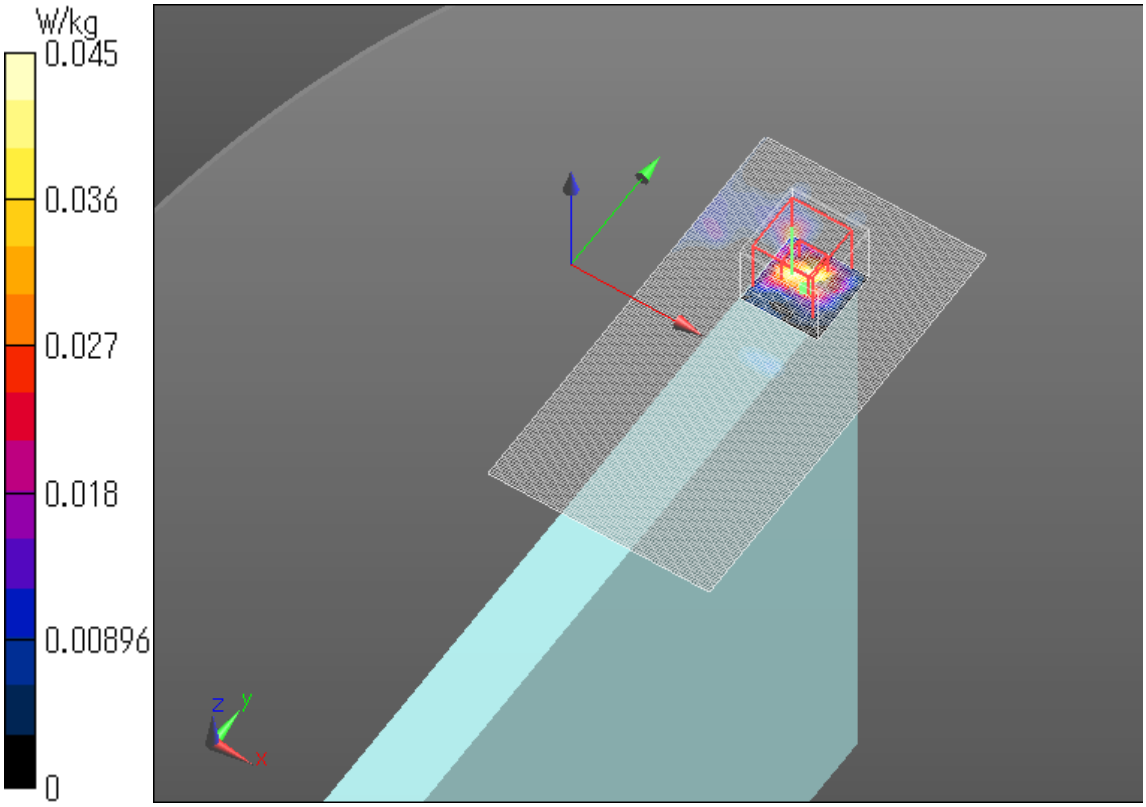


**WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Edge1 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.636 S/m; $\varepsilon_r$ = 47.717; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0475 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.113 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.232 W/kg
**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00374 W/kg**
Maximum value of SAR (measured) = 0.0448 W/kg

Date: 2017/01/10
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

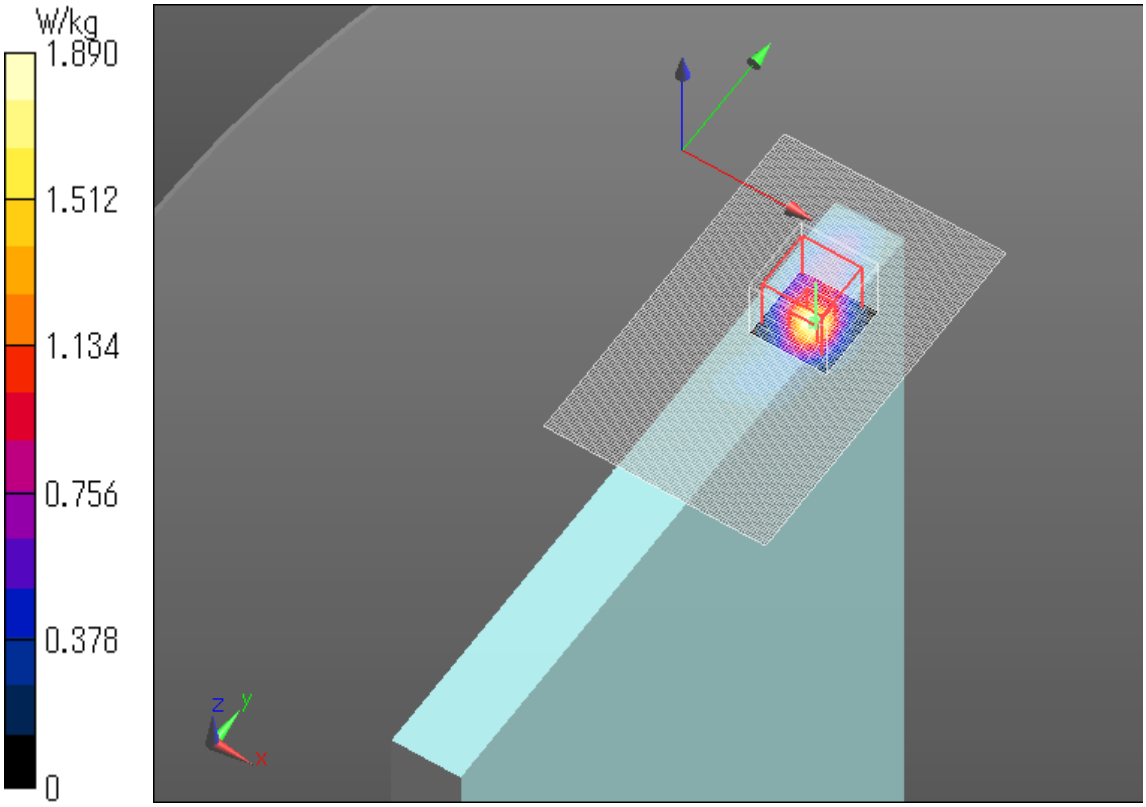


**WLAN 5.3G Ant Aux 11n40 HT0 5270MHz Edge2 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; $\sigma$ = 5.568 S/m; $\varepsilon_r$ = 47.676; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.86 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.96 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.25 W/kg
**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.233 W/kg**
Maximum value of SAR (measured) = 1.89 W/kg

Date: 2017/01/10
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

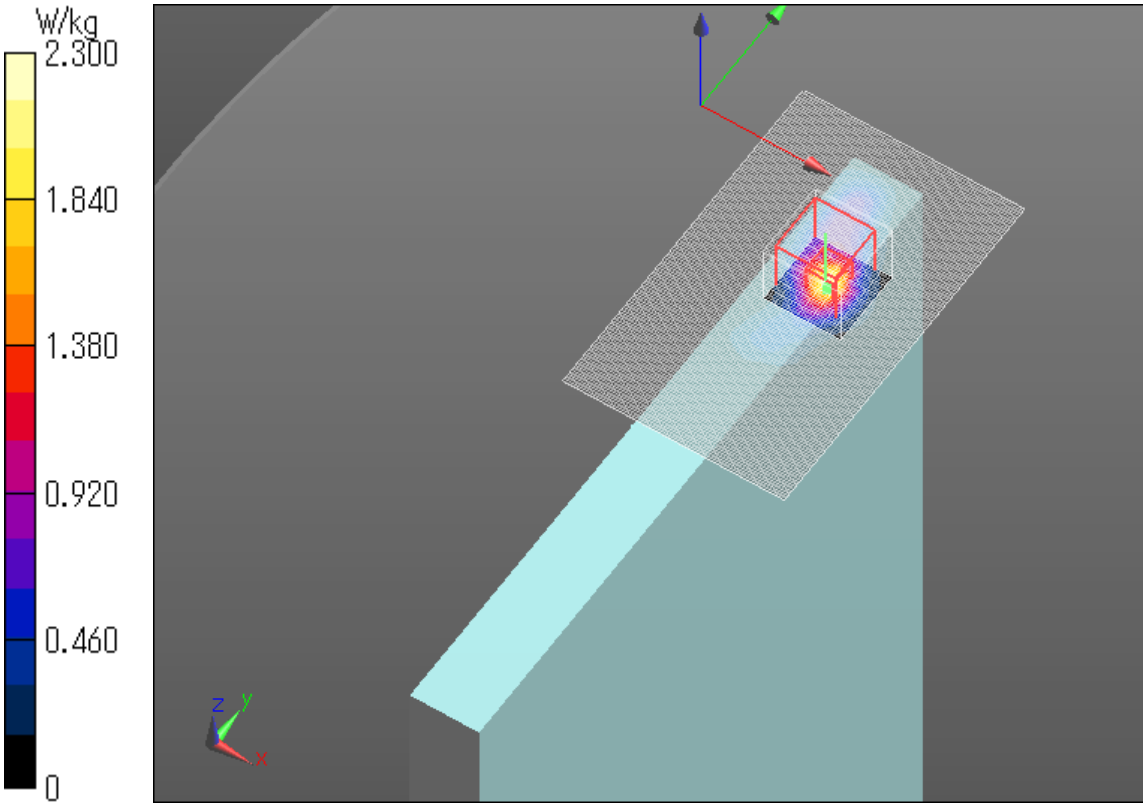


**WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Edge2 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.636 S/m; $\varepsilon_r$ = 47.717; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.02 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.80 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.70 W/kg
**SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.261 W/kg**
Maximum value of SAR (measured) = 2.30 W/kg

Date: 2017/01/10
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

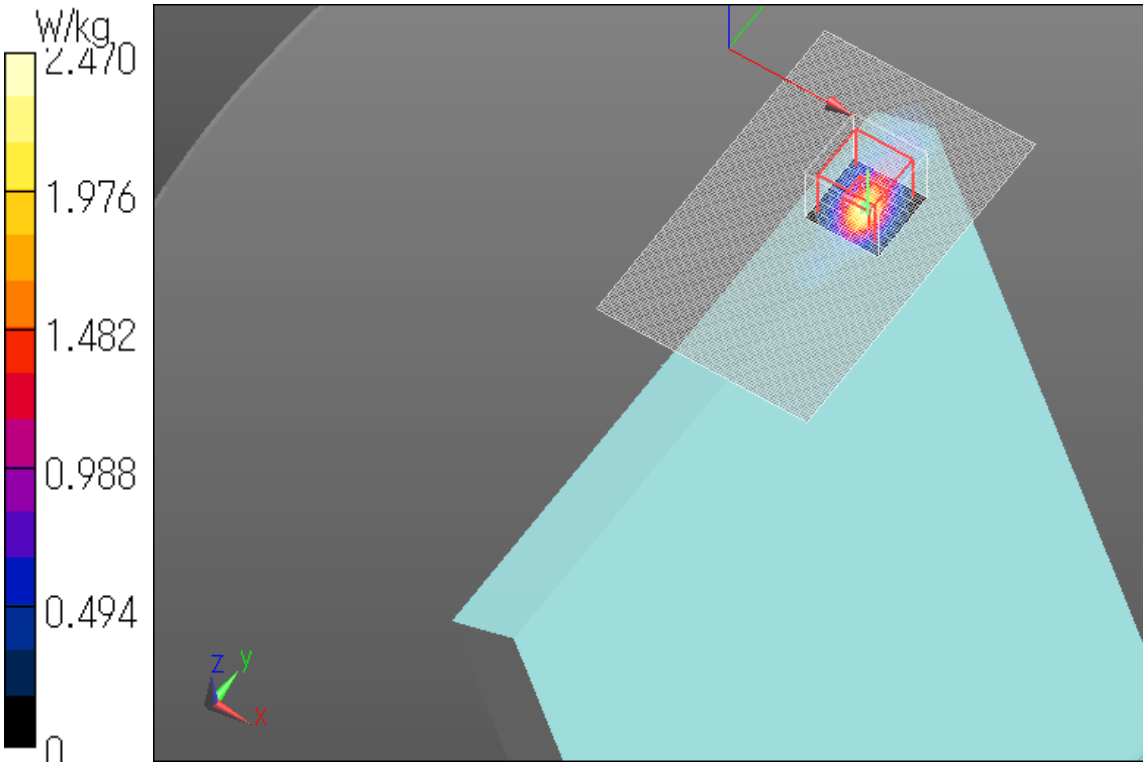


**WLAN 5.3G Ant Aux 11n40 HT0 5270MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; $\sigma$ = 5.55 S/m; $\varepsilon_r$ = 47.094; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.62 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 24.83 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.34 W/kg
**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.263 W/kg**
Maximum value of SAR (measured) = 2.47 W/kg

Date: 2017/02/13
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

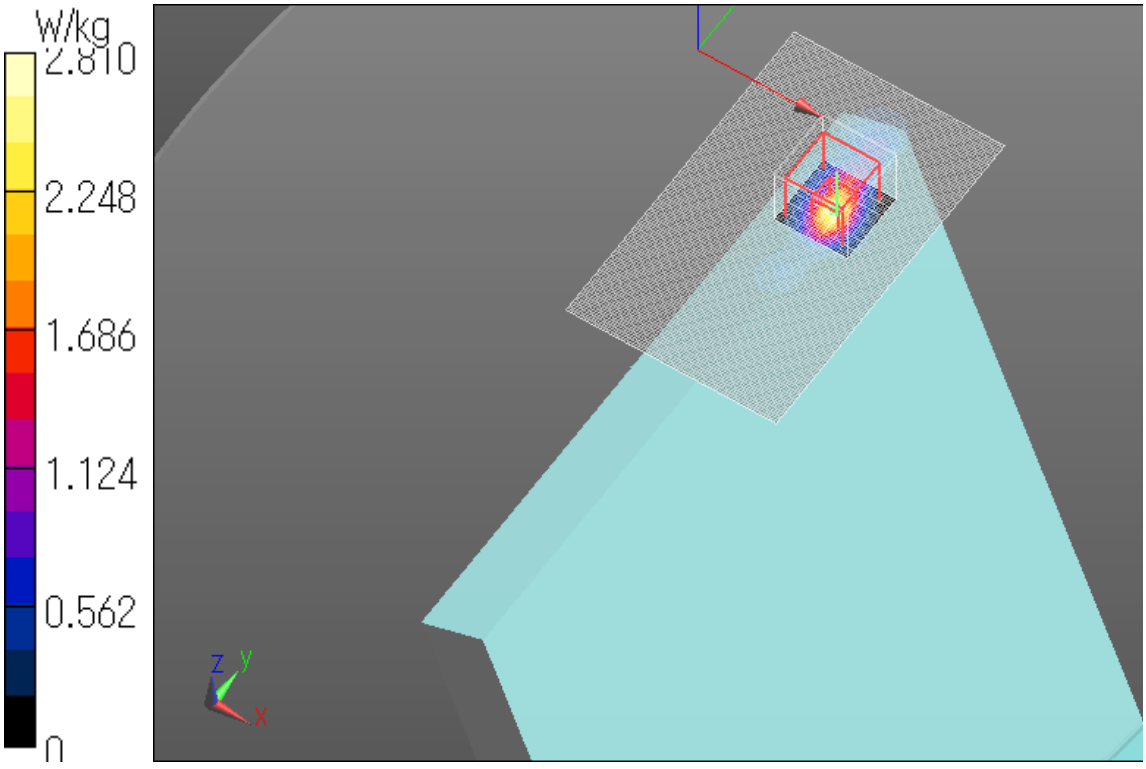


**WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.621 S/m; $\varepsilon_r$ = 47.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.95 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.97 W/kg
**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.300 W/kg**
Maximum value of SAR (measured) = 2.81 W/kg

Date: 2017/02/13
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

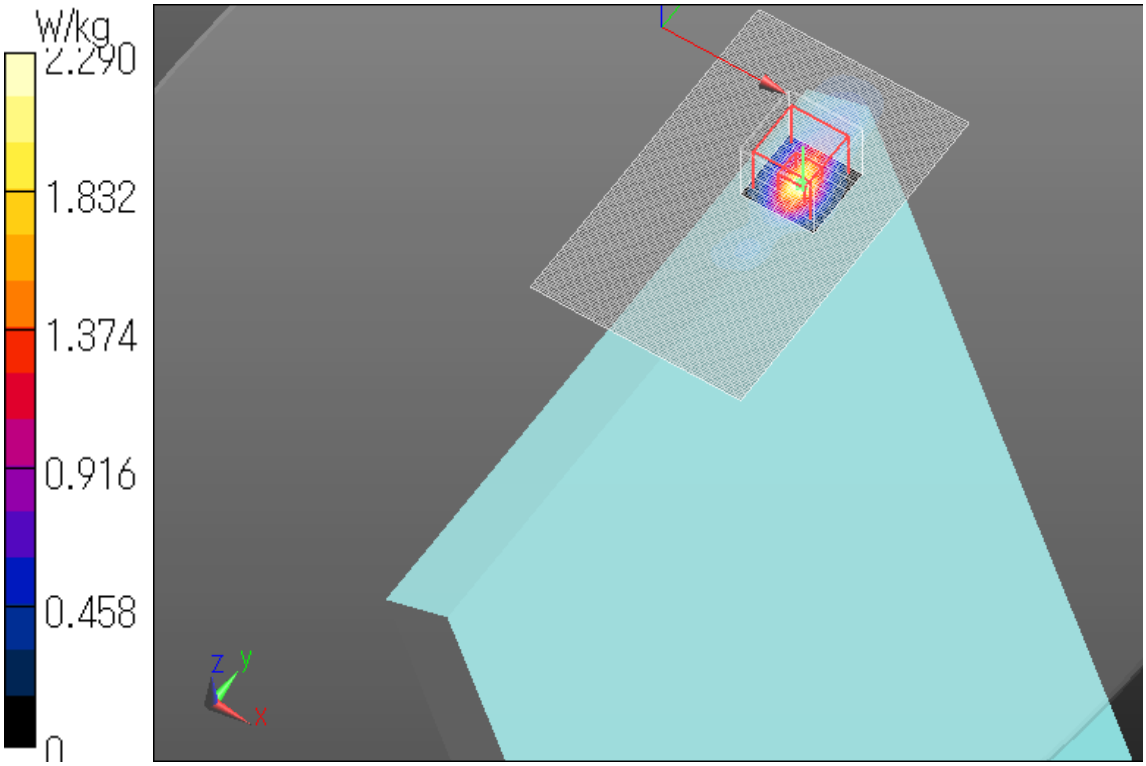


**WLAN 5.3G Ant Aux 11ac40 VHT0 5270MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11ac40; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; $\sigma$ = 5.606 S/m; $\varepsilon_r$ = 48.993; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.40 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.38 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 4.33 W/kg
**SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.254 W/kg**
Maximum value of SAR (measured) = 2.29 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

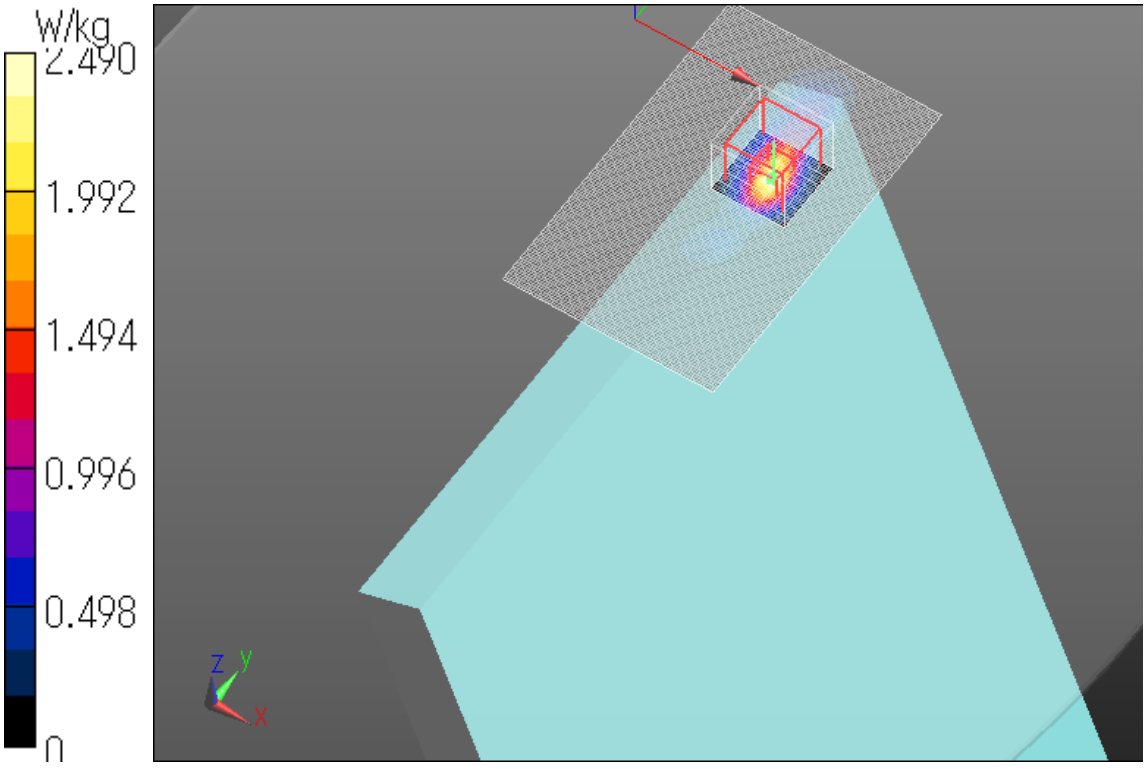


**WLAN 5.3G Ant Aux 11ac40 VHT0 5310MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11ac40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.625 S/m; $\varepsilon_r$ = 48.924; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.80 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.26 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 4.32 W/kg
**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.277 W/kg**
Maximum value of SAR (measured) = 2.49 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

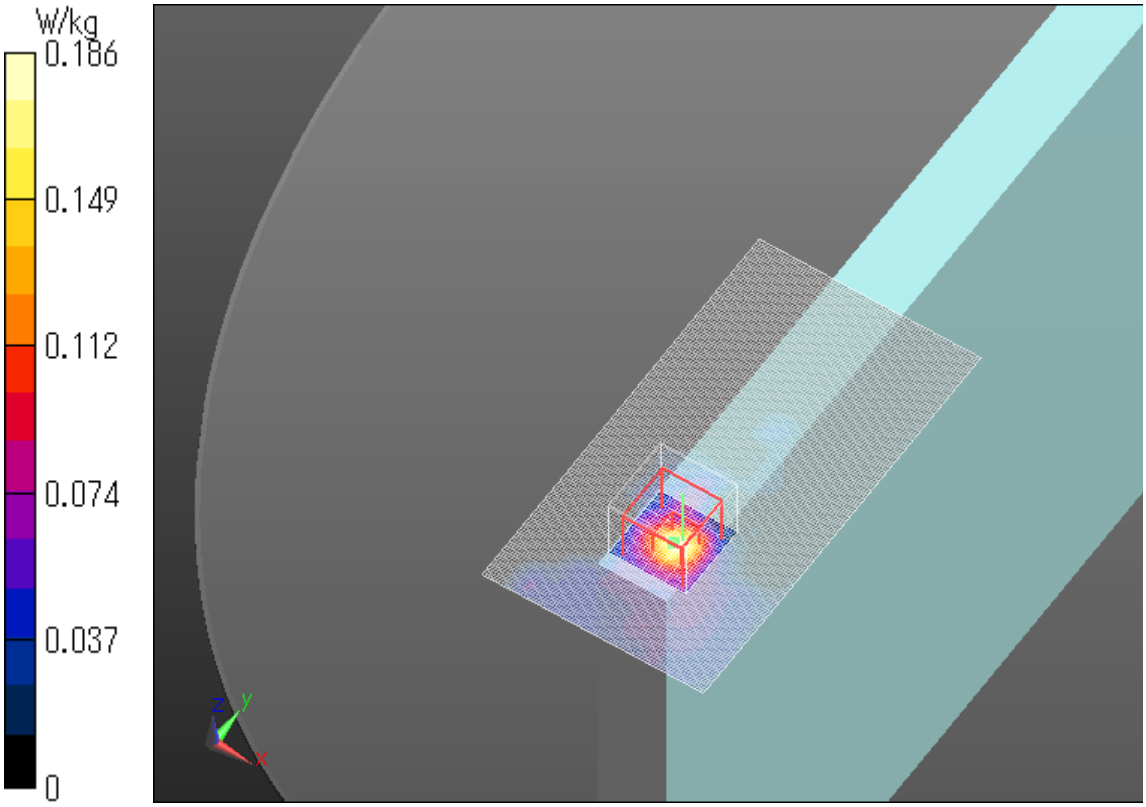


**WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Edge3 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.636 S/m; $\varepsilon_r$ = 47.717; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.182 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.603 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.308 W/kg
**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.023 W/kg**
Maximum value of SAR (measured) = 0.186 W/kg

Date: 2017/01/10
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

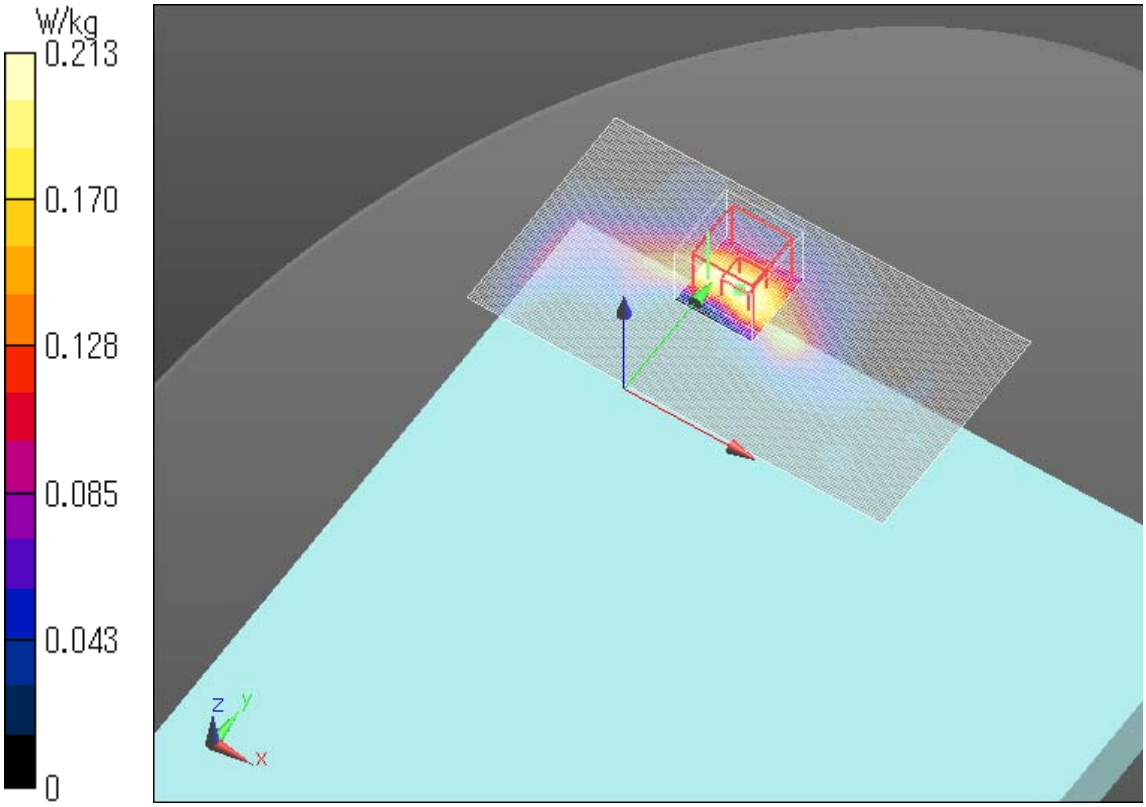


**WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Rear 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; $\sigma$ = 5.636 S/m; $\varepsilon_r$ = 47.717; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (151x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.149 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.983 W/kg
**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.035 W/kg**
Maximum value of SAR (measured) = 0.213 W/kg

Date: 2017/01/10
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

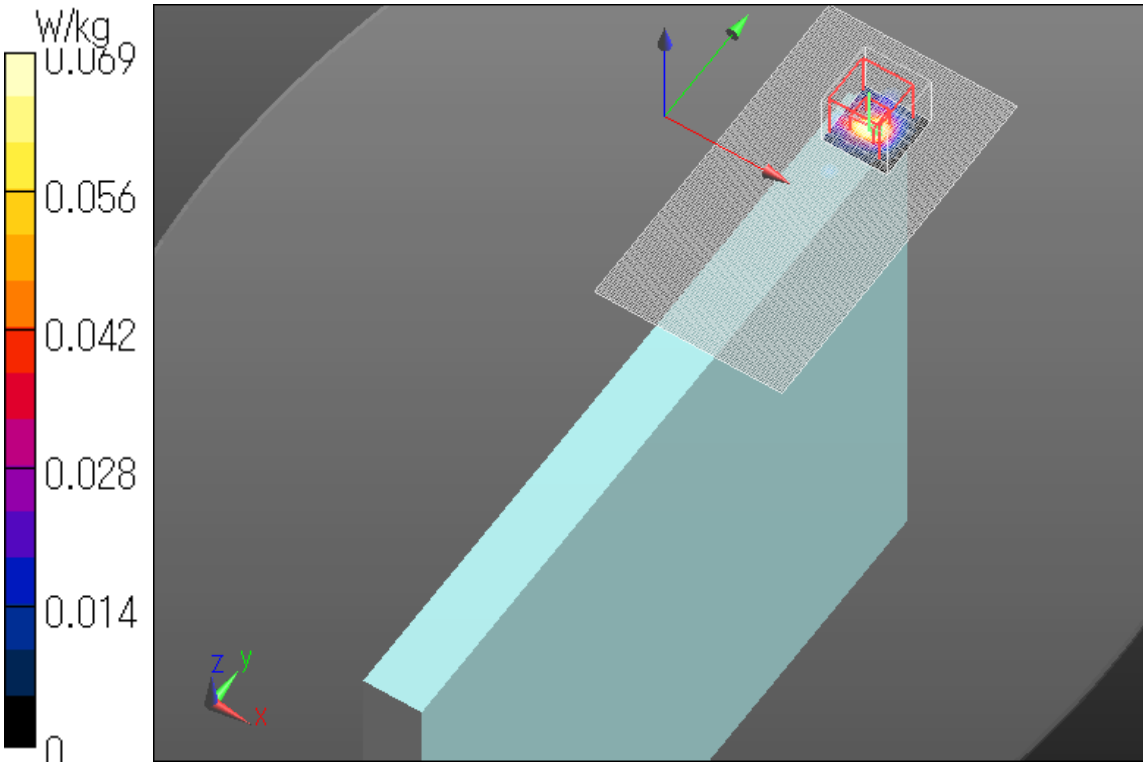


**WLAN 5.2G Ant Aux 11n40 HT0 5230MHz Edge1 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; $\sigma$ = 5.525 S/m; $\varepsilon_r$ = 48.923; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.050 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.112 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.226 W/kg
**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00453 W/kg**
Maximum value of SAR (measured) = 0.0695 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

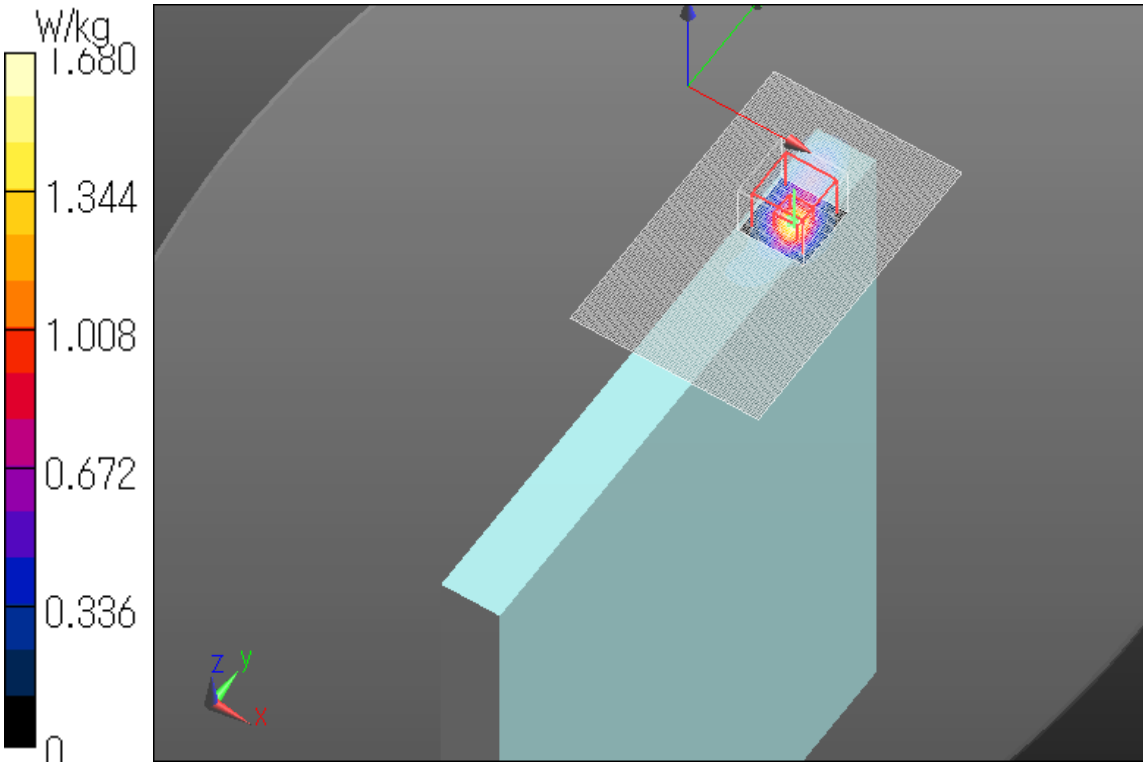


**WLAN 5.2G Ant Aux 11n40 HT0 5190MHz Edge2 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; $\sigma$ = 5.434 S/m; $\varepsilon_r$ = 49.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.23 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.88 W/kg
**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.177 W/kg**
Maximum value of SAR (measured) = 1.68 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

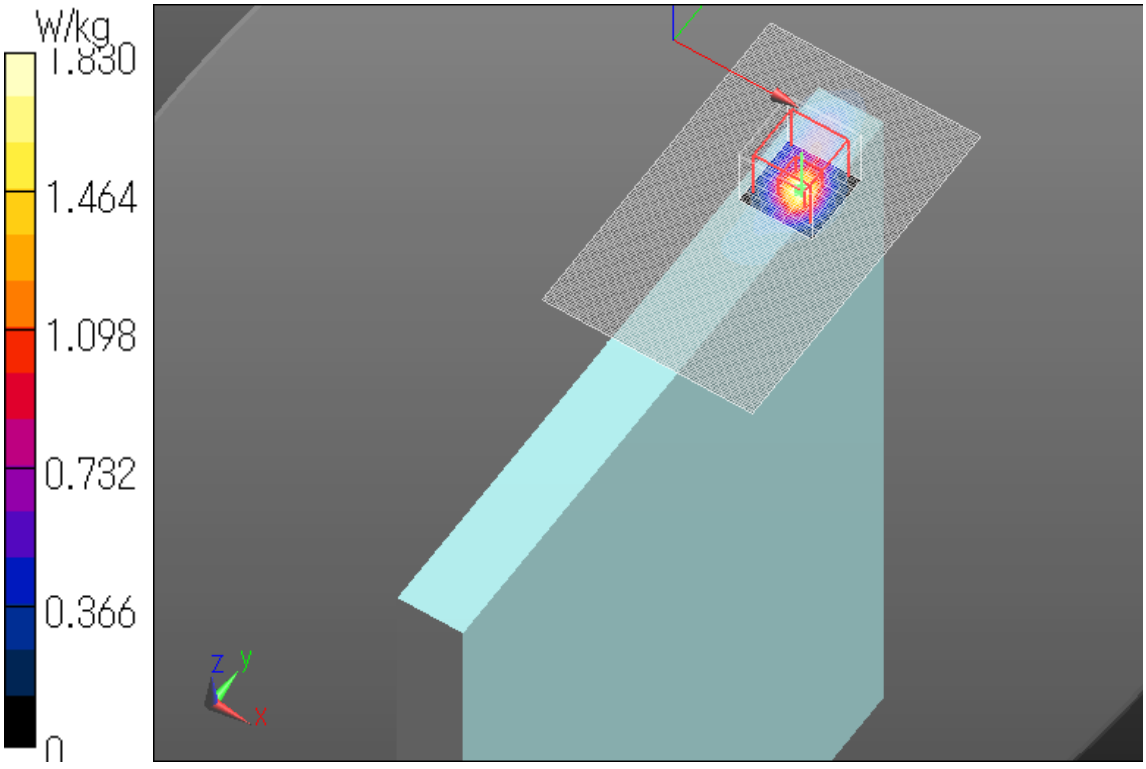


**WLAN 5.2G Ant Aux 11n40 HT0 5230MHz Edge2 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; $\sigma$ = 5.525 S/m; $\varepsilon_r$ = 48.923; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.69 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.70 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.27 W/kg
**SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.204 W/kg**
Maximum value of SAR (measured) = 1.83 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

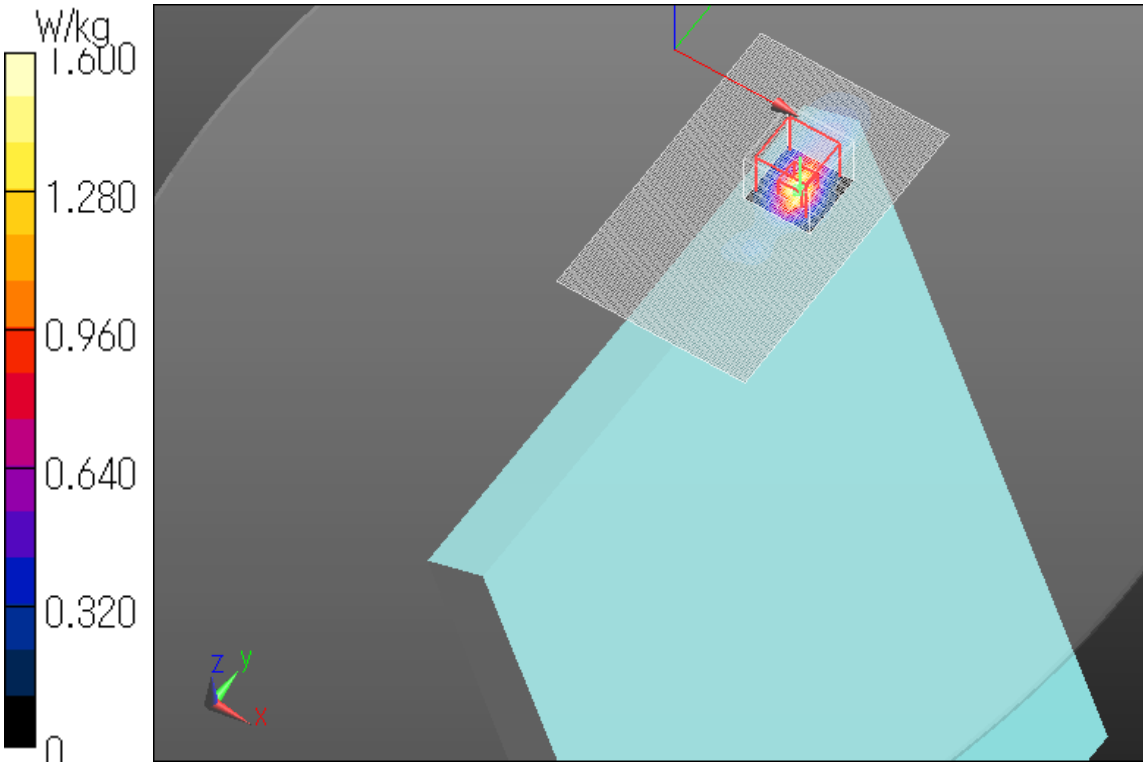


**WLAN 5.2G Ant Aux 11n40 HT0 5190MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5190 MHz; $\sigma$ = 5.434 S/m; $\varepsilon_r$ = 49.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.76 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.43 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.94 W/kg
**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.176 W/kg**
Maximum value of SAR (measured) = 1.60 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

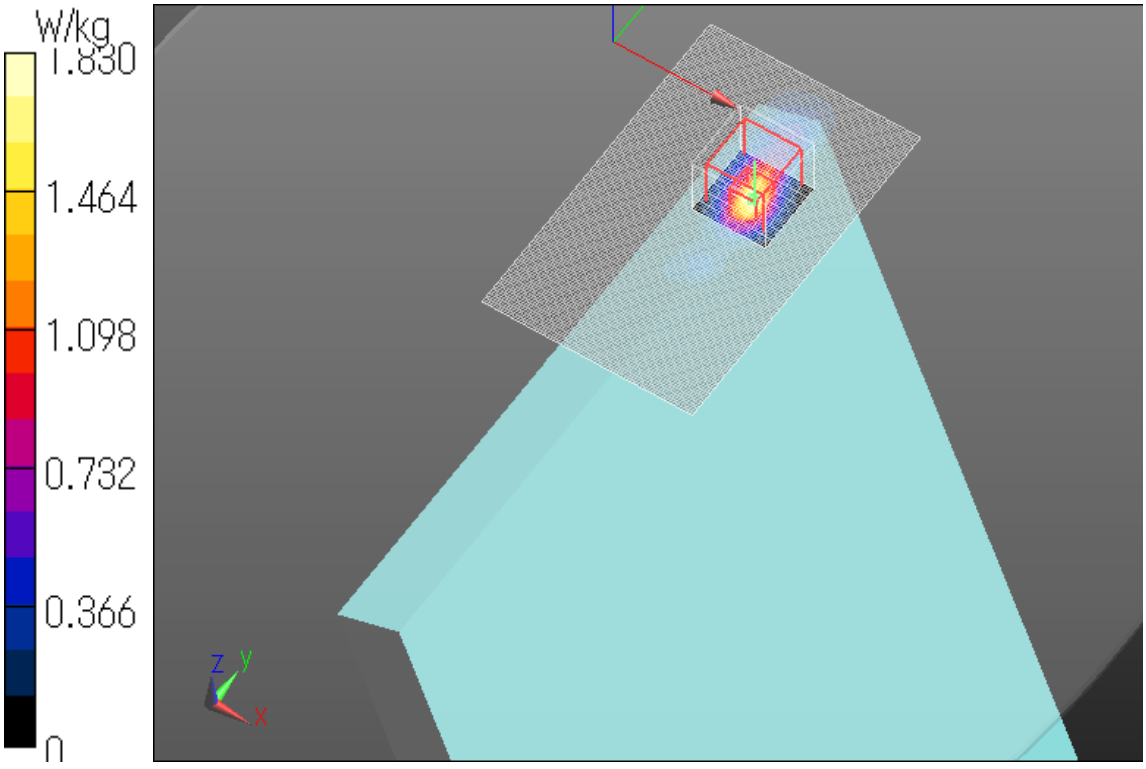


**WLAN 5.2G Ant Aux 11n40 HT0 5230MHz Edge2 tilt 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; $\sigma$ = 5.525 S/m; $\varepsilon_r$ = 48.923; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.99 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.59 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.91 W/kg
**SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.206 W/kg**
Maximum value of SAR (measured) = 1.83 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.

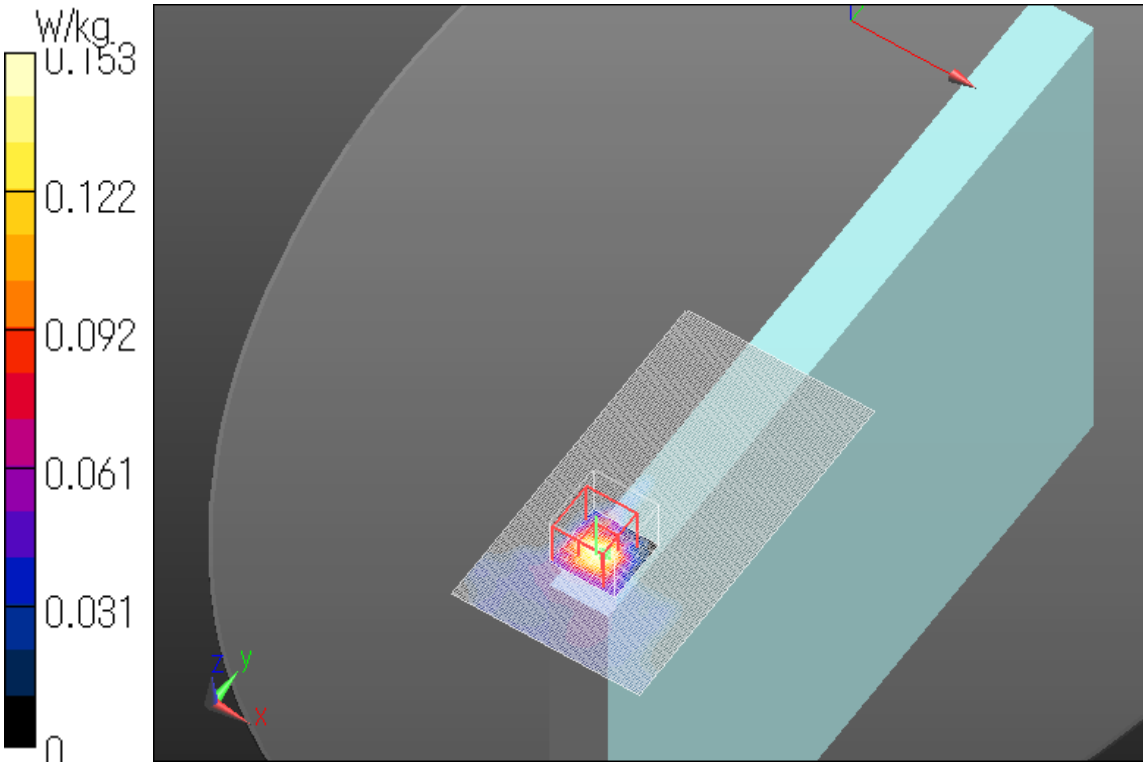


**WLAN 5.2G Ant Aux 11n40 HT0 5230MHz Edge3 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; $\sigma$ = 5.525 S/m; $\varepsilon_r$ = 48.923; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.150 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.275 W/kg
**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.016 W/kg**
Maximum value of SAR (measured) = 0.153 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.



**WLAN 5.2G Ant Aux 11n40 HT0 5230MHz Rear 0mm**
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; $\sigma$ = 5.525 S/m; $\varepsilon_r$ = 48.923; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.48, 4.48, 4.48); Calibrated: 2016/12/12;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2016/07/07
Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1045
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (151x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.189 W/kg

**Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.114 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.289 W/kg
**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.026 W/kg**
Maximum value of SAR (measured) = 0.166 W/kg

Date: 2017/02/22
Ambient Temp. : 24.0 degree.C.  Liquid Temp.; 23.5 degree.C.