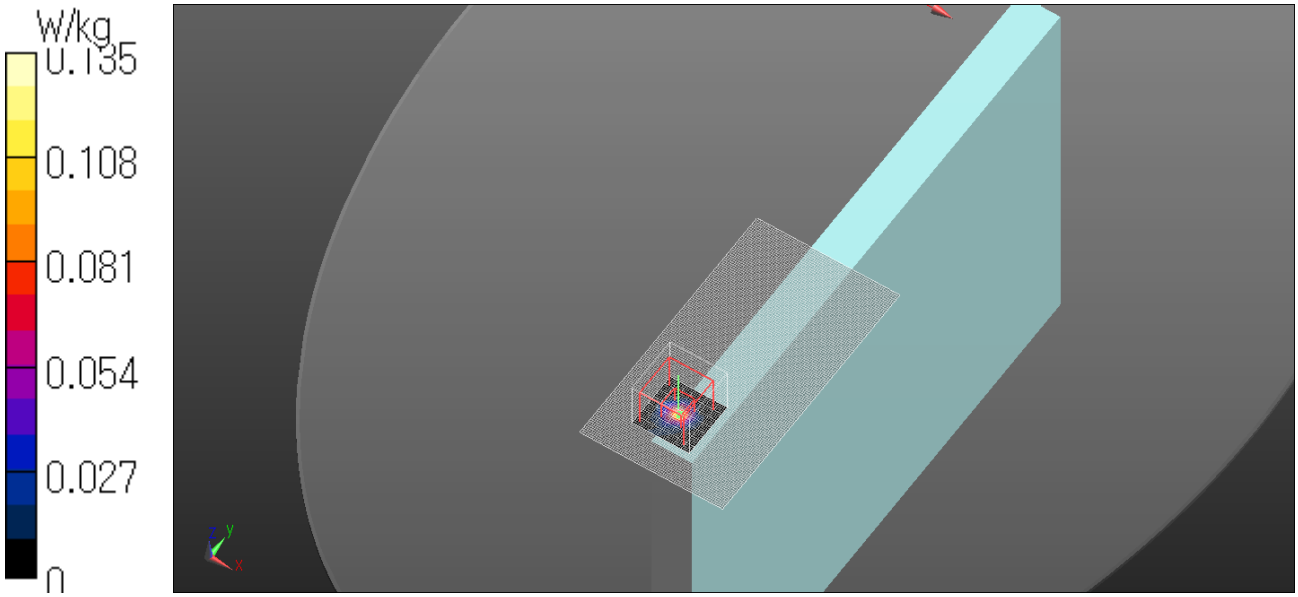
15.4 SAR test plots for WLAN 5.5GHz band

WLAN 5.5G Main Ant Edge1 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.133 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.658 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.00411 W/kg
Maximum value of SAR (measured) = 0.135 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

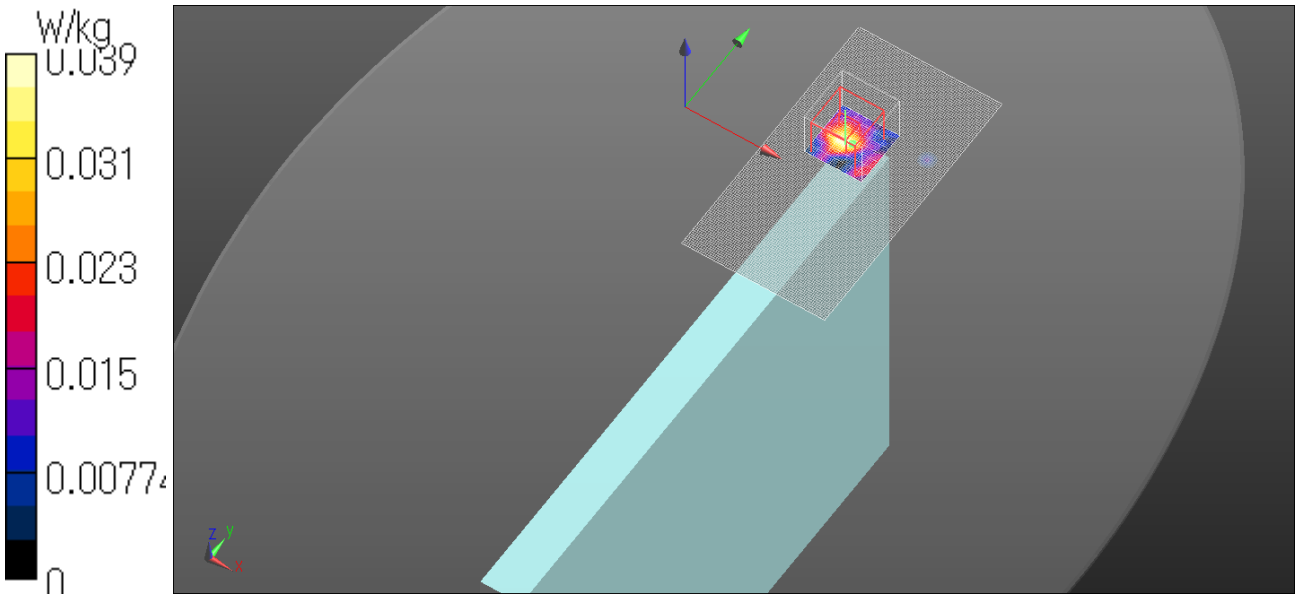


WLAN 5.5G Main Ant Edge3 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0324 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.529 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00261 W/kg
Maximum value of SAR (measured) = 0.0387 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

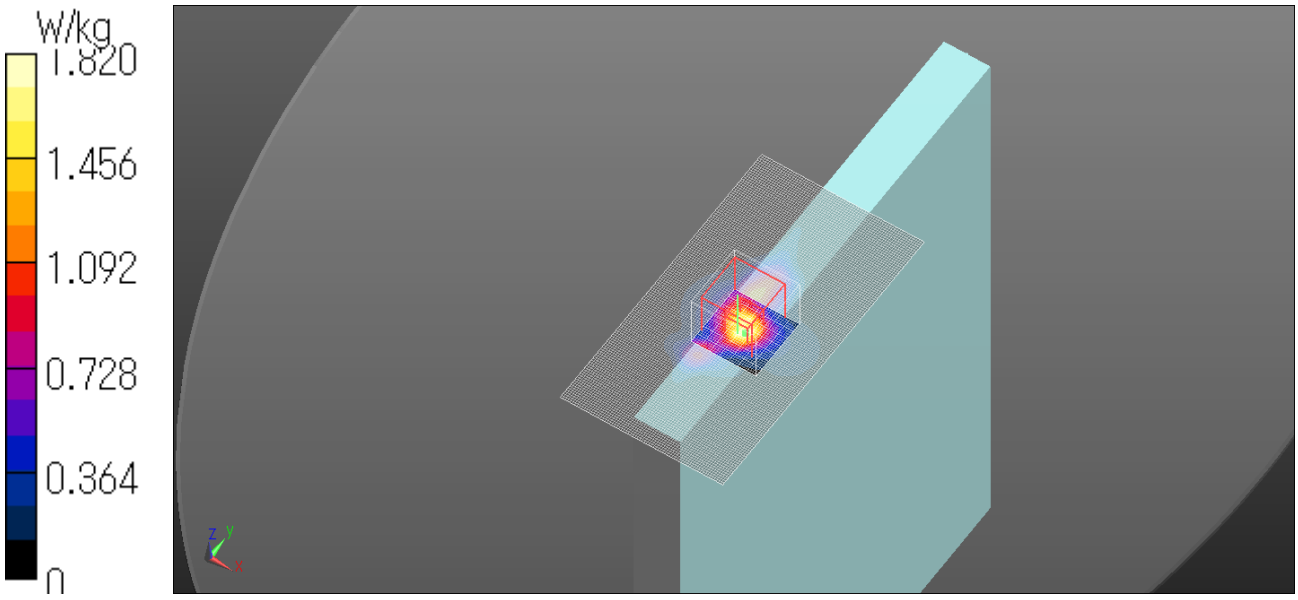


WLAN 5.5G Main Ant Edge4 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.01 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.31 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.76 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 1.82 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

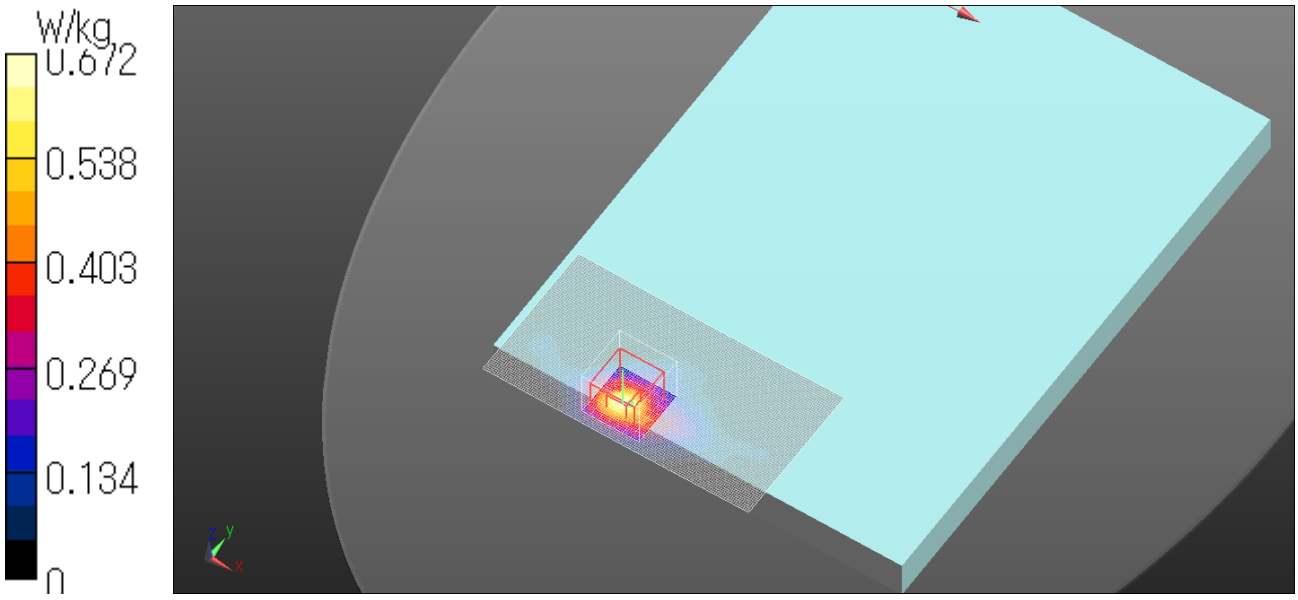


WLAN 5.5G Main Ant Rear 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (131x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.618 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.71 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.672 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

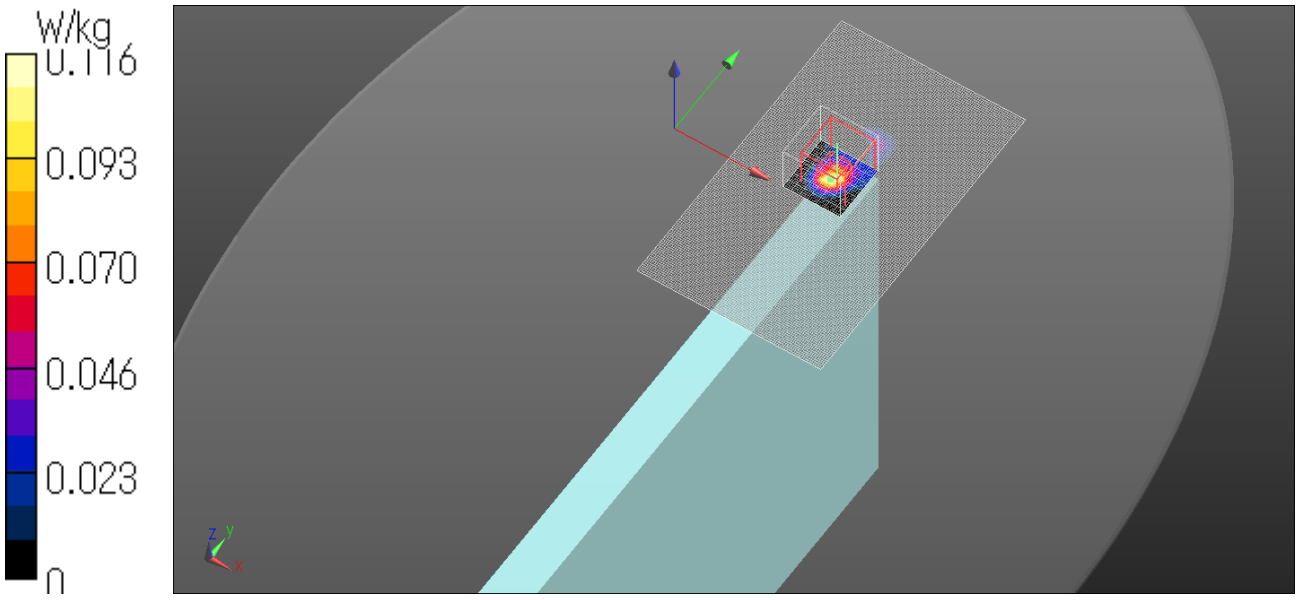


WLAN 5.5G Aux Ant Edge1 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.029 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.00598 W/kg
Maximum value of SAR (measured) = 0.116 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

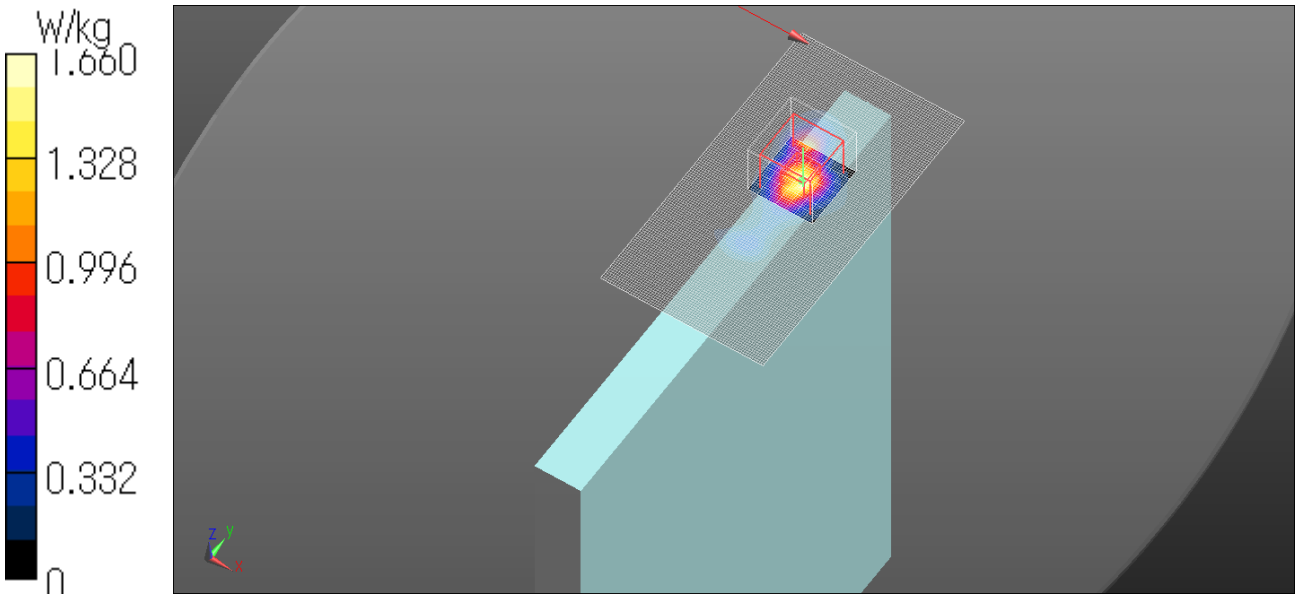


WLAN 5.5G Aux Ant Edge2 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.47 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 1.66 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

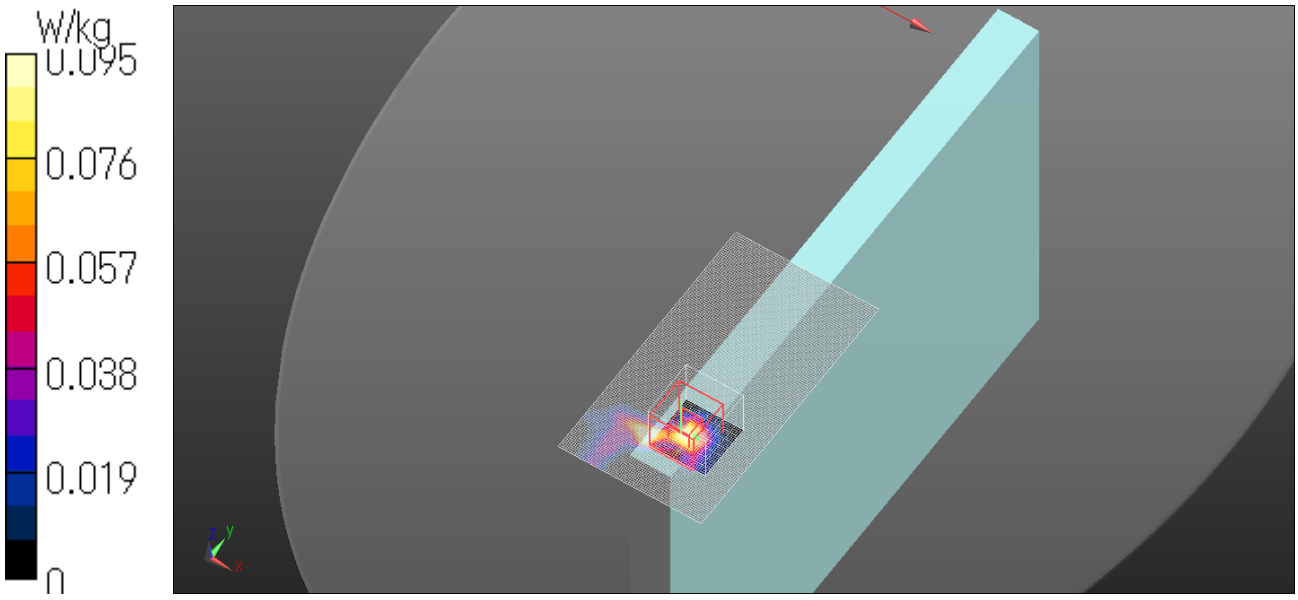


WLAN 5.5G Aux Ant Edge3 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.224 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.639 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00825 W/kg
Maximum value of SAR (measured) = 0.0948 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

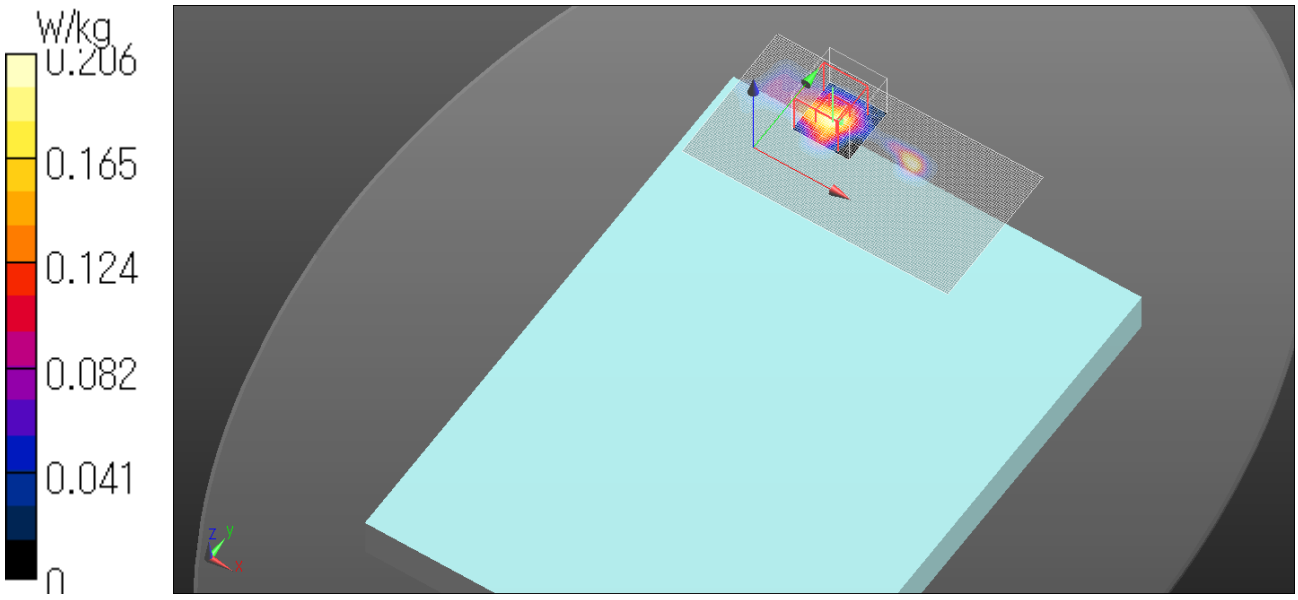


WLAN 5.5G Aux Ant Rear 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (131x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.366 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.206 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



WLAN 5.5G Aux Ant Edge2 with Stylus pen 11ac80 VHT0 0mm 5690MHz
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 6.052 S/m; ε_r = 47.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(4.16, 4.16, 4.16); Calibrated: 2016/12/14;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (71x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.755 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.22 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.692 W/kg

Date: 2017/09/13
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.