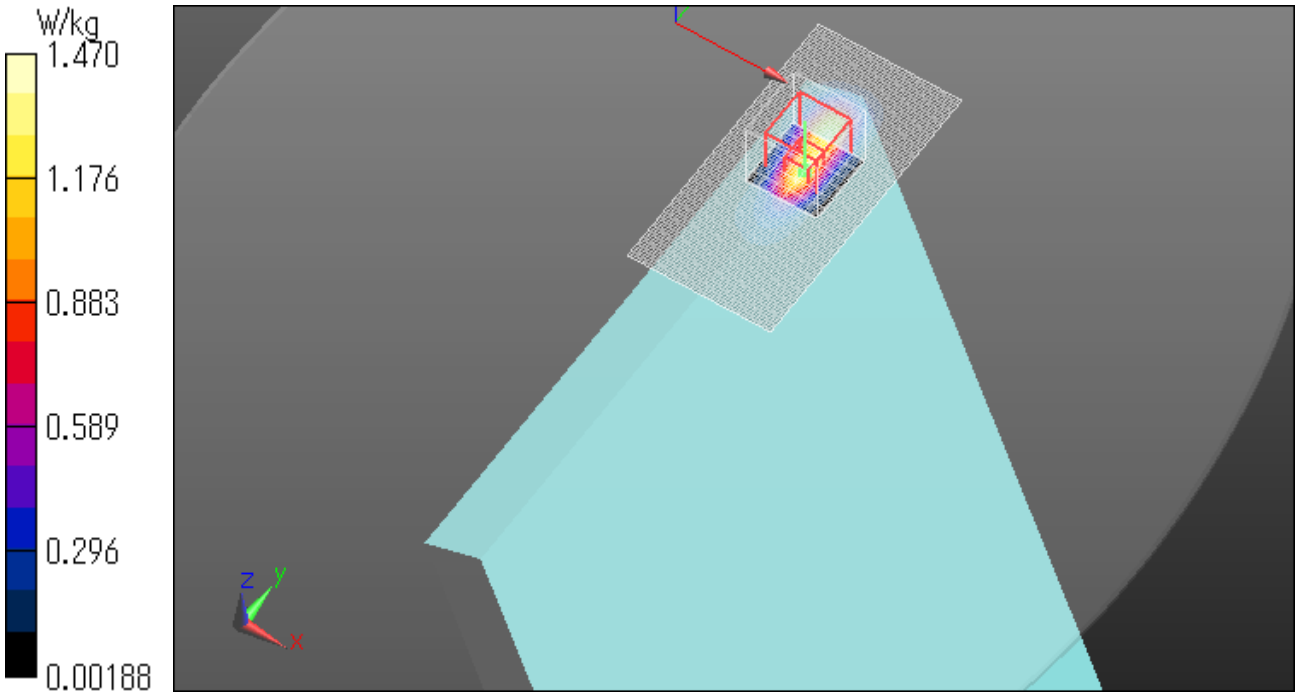
15.7 SAR test plots for Repeat Measurement

WLAN 2.4G Ant Aux 11b 1Mbps 2437MHz Edge2 tilt 0mm Repeat
Communication System: UID 0, WLAN (0); Communication System Band: 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.996 S/m; ε_r = 51.498; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(7.59, 7.59, 7.59); Calibrated: 2016/12/14;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2016/06/10
Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (5x5x5mm) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.36 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 1.47 W/kg

Date: 2017/02/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

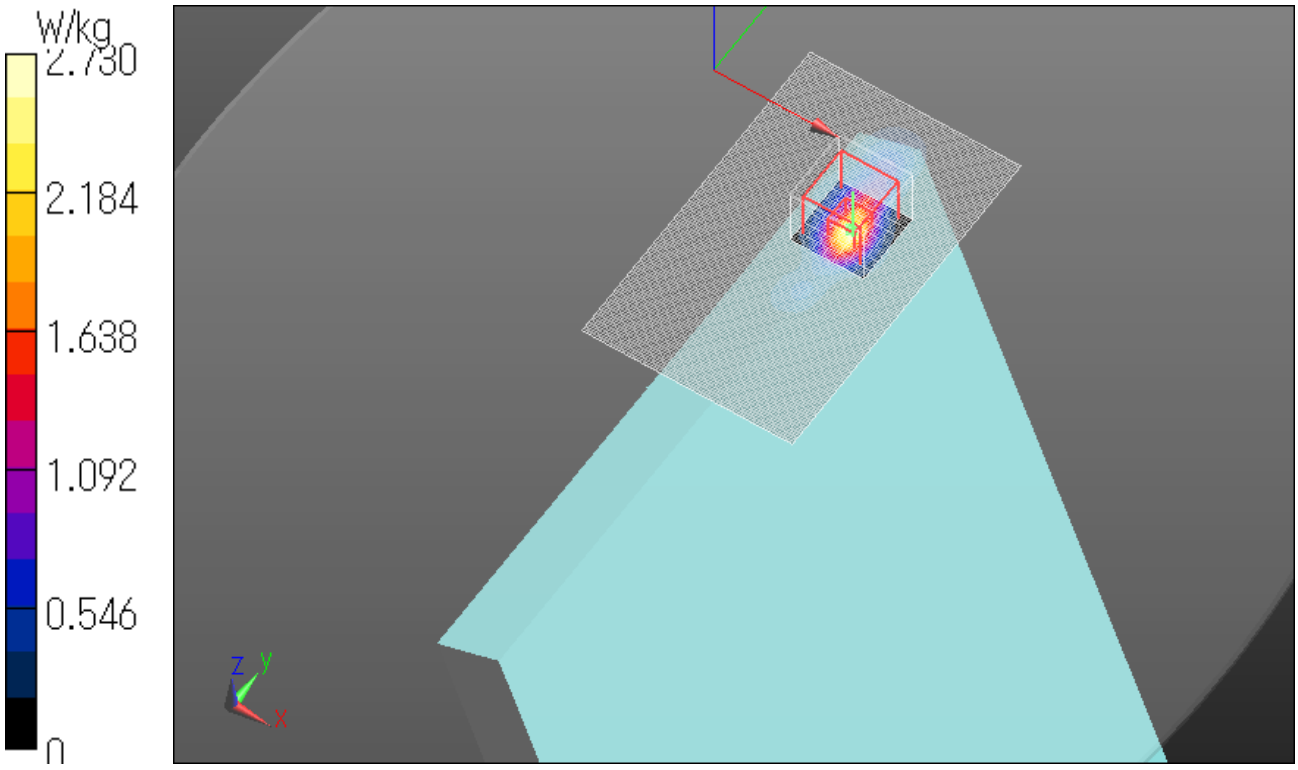


WLAN 5.3G Ant Aux 11n40 HT0 5310MHz Edge2 tilt 0mm Repeat
Communication System: UID 0, WLAN (0); Communication System Band: 11n40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.621 S/m; ε_r = 47.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: 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) = 2.87 W/kg

Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.86 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 2.73 W/kg

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



WLAN 5.5G Ant Aux 11ac80 VHT0 5530MHz Edge2 0mm Repeat
Communication System: UID 0, WLAN (0); Communication System Band: 11ac80; Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5530 MHz; σ = 5.815 S/m; ε_r = 46.979; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); 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) = 2.01 W/kg

Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.65 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.57 W/kg
SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 2.18 W/kg

Date: 2017/01/12
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.