15.3 SAR test plots for Repeat Measurement

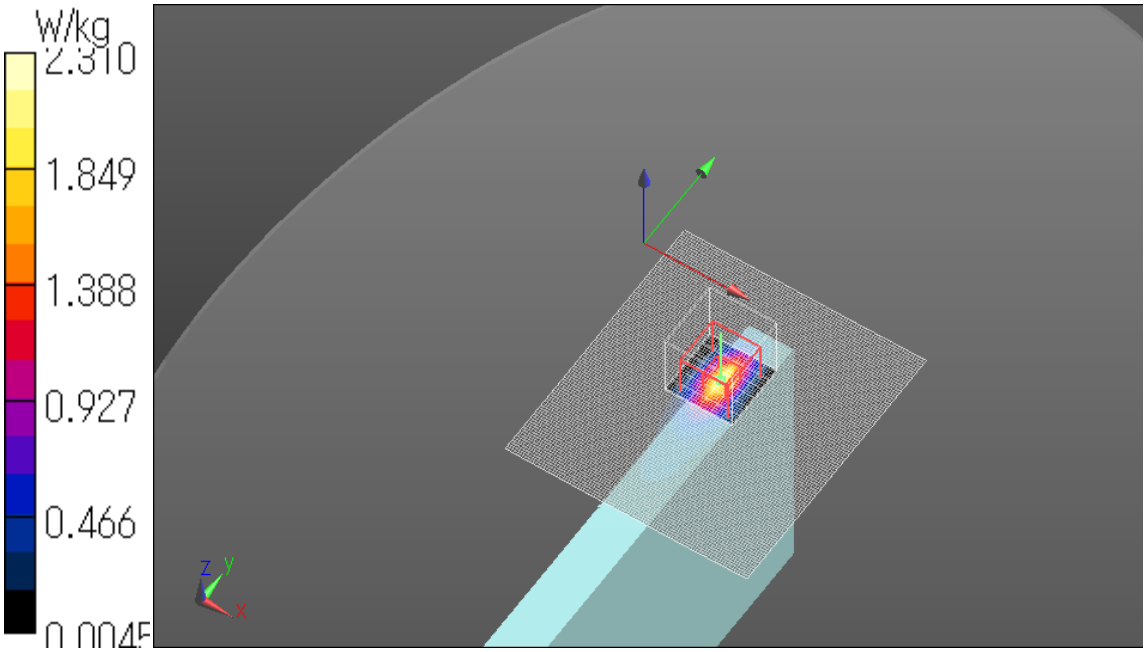
WLAN 2.4G Main Ant Edge3 802.11b 0mm 2412MHz Repeat
Communication System: UID 0, WLAN (0); Communication System Band: 11b/g/n; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.914 S/m; ε_r = 50.64; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(7.68, 7.68, 7.68); Calibrated: 2017/11/15;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

WLAN/Edge3/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.33 W/kg

WLAN/Edge3/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.51 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 2.31 W/kg
Date: 2018/01/11
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 1

WLAN 5.3G Aux Ant Edge1 802.11n40 0mm 5310MHz Repeat
Communication System: UID 0, WLAN (0); Communication System Band: 11n40/ac40; Frequency: 5310 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5310 MHz; σ = 5.553 S/m; ε_r = 47.851; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(5.05, 5.05, 5.05); Calibrated: 2017/11/15;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2017/06/13
Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:1207
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

WLAN/Edge1/Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.27 W/kg

WLAN/Edge1/Zoom Scan (7x7x7) (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.21 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.30 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 2.25 W/kg

WLAN/Edge1/Zoom Scan (7x7x7) 2 (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.21 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 2.07 W/kg
Date: 2018/01/16
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.