

vii) WLAN 2.4GHz

AK8SVD132A1WL WLAN 11g 6Mbps 2437MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.971$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.283 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.425 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.562 W/kg

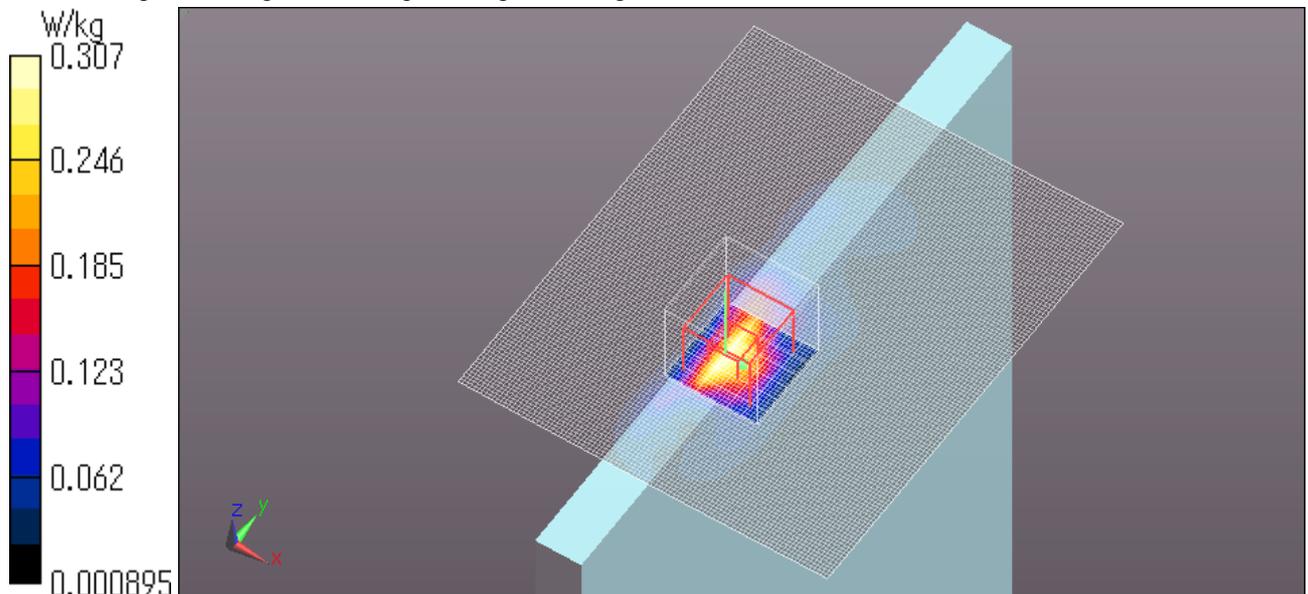
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.066 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.307 W/kg

Date: 2013/04/15

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11g 6Mbps 2437MHz Rear 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.971$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (171x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0189 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0380 W/kg

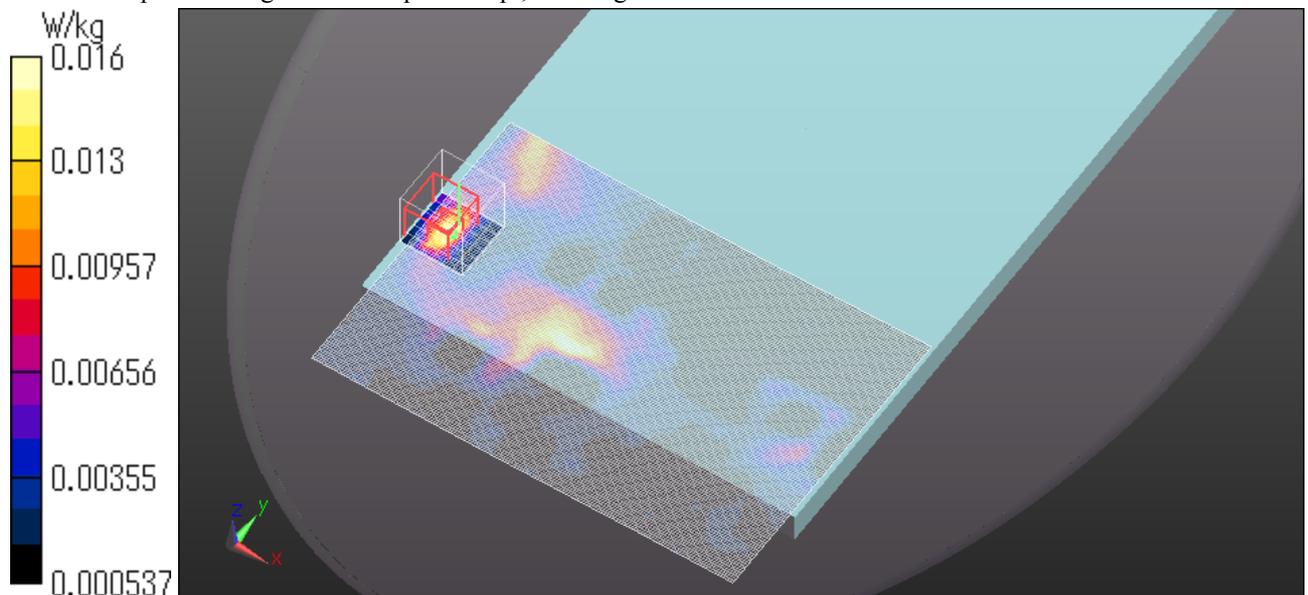
SAR(1 g) = 0.00633 W/kg; SAR(10 g) = 0.00246 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0156 W/kg

Date: 2013/04/15

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11g 6Mbps 2437MHz Bottom(Laptop) 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.978$ mho/m; $\epsilon_r = 51.183$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (151x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0186 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.19 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0270 W/kg

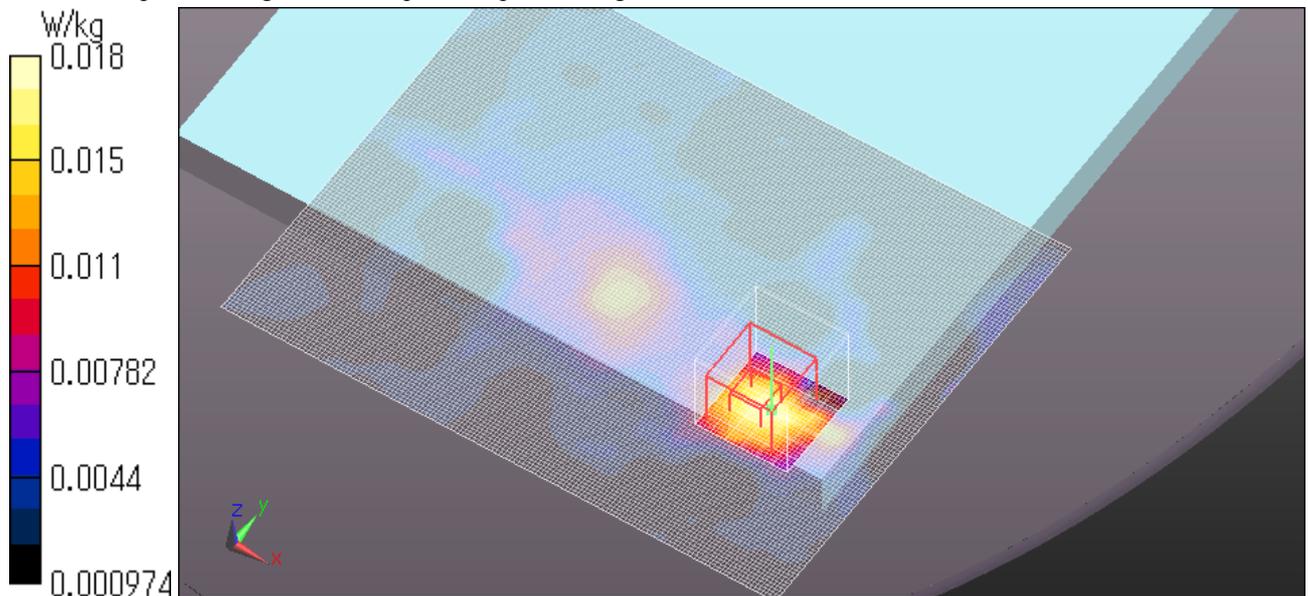
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00654 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0181 W/kg

Date: 2013/04/15

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11g 6Mbps 2437MHz Bottom side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.971$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.144 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.554 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.271 W/kg

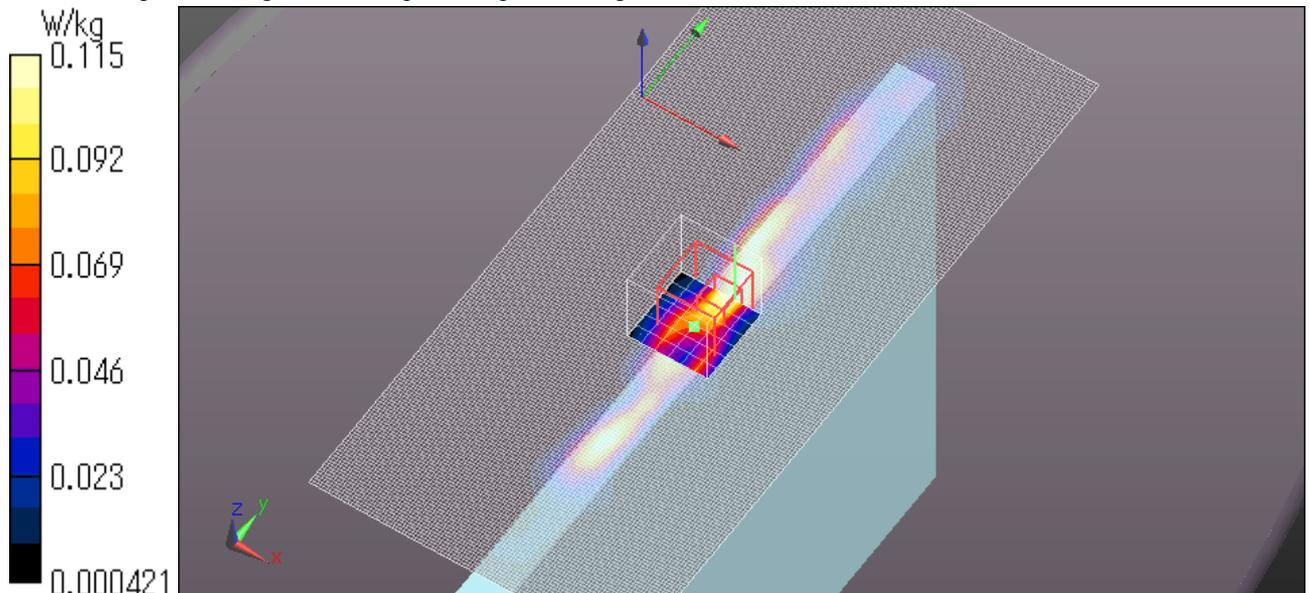
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.023 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.115 W/kg

Date: 2013/04/15

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11b 1Mbps 2437MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.971$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.224 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.623 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.533 W/kg

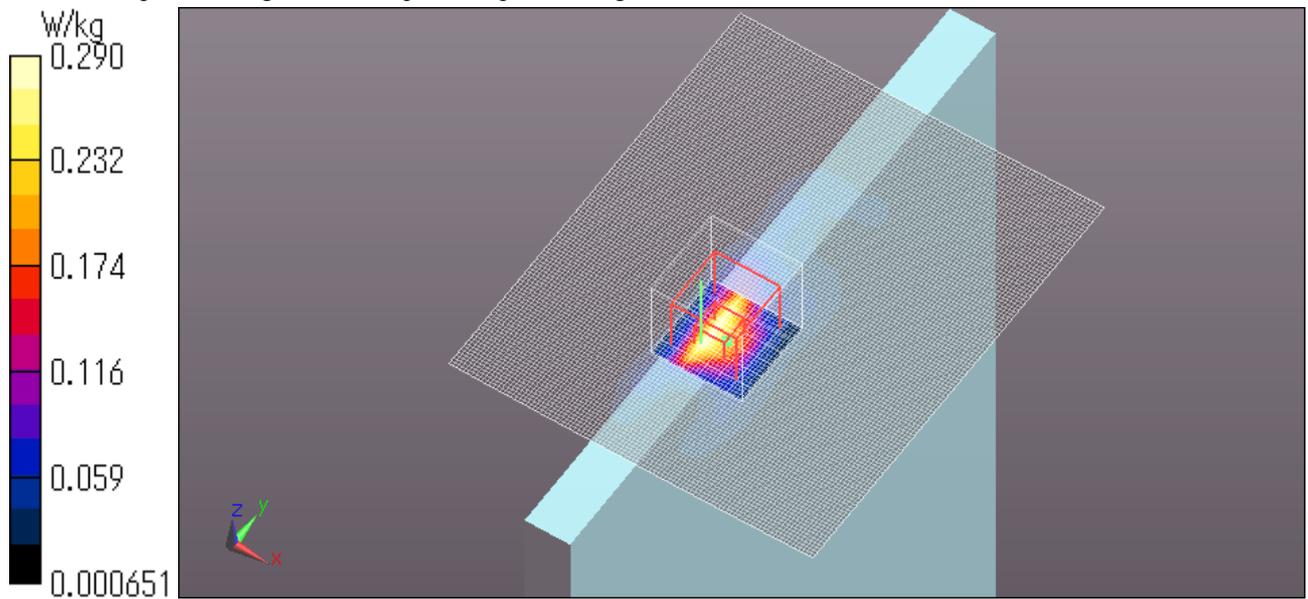
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.060 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.290 W/kg

Date: 2013/04/15

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 2437MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.271 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.719 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.645 W/kg

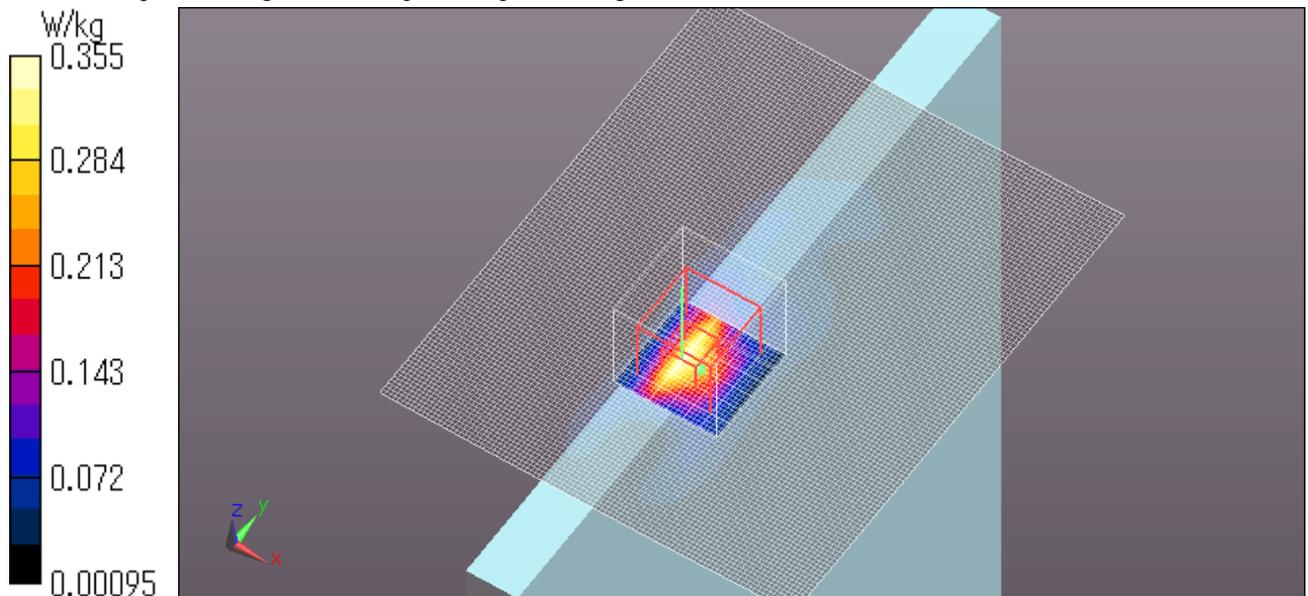
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.073 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.355 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at Maximum Body SAR position in WLAN 2.4GHz

AK8SVD132A1WL WLAN 11n 20MHz MCS0 2437MHz Right edge 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

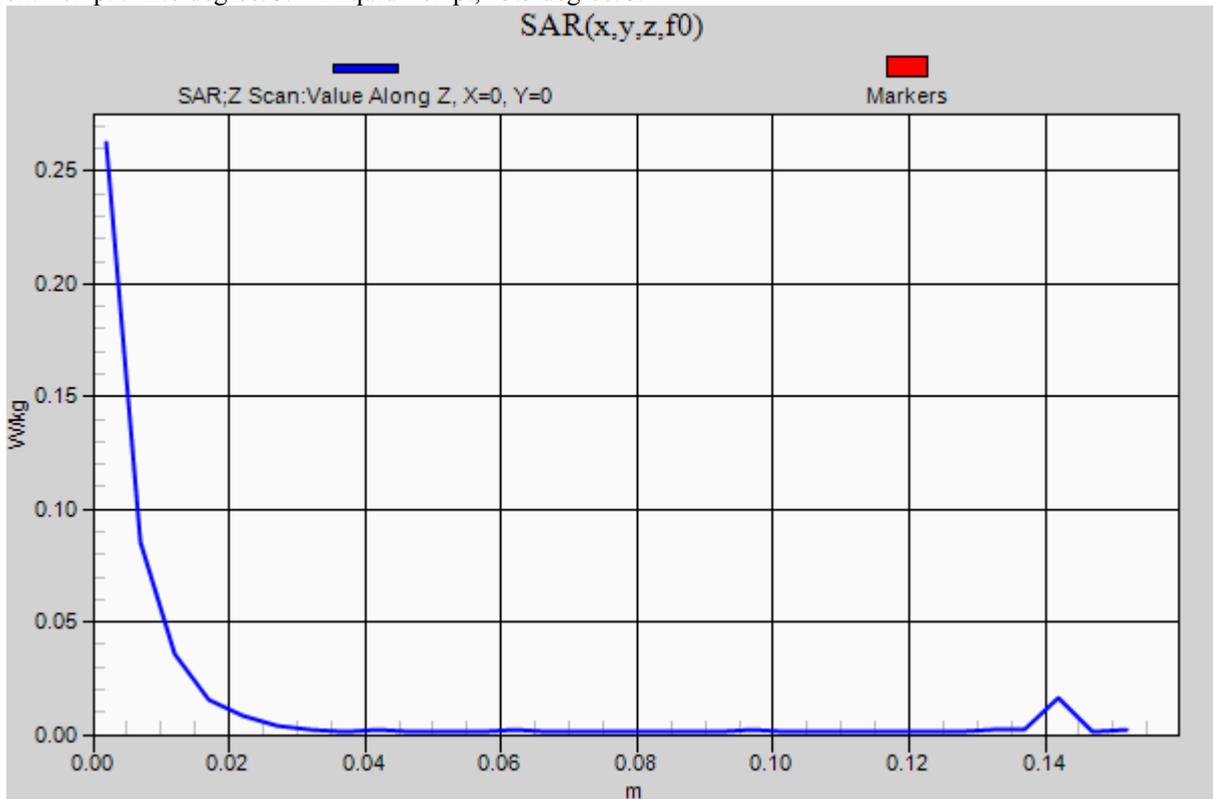
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.262 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS0 2437MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (101x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0969 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.885 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.226 W/kg

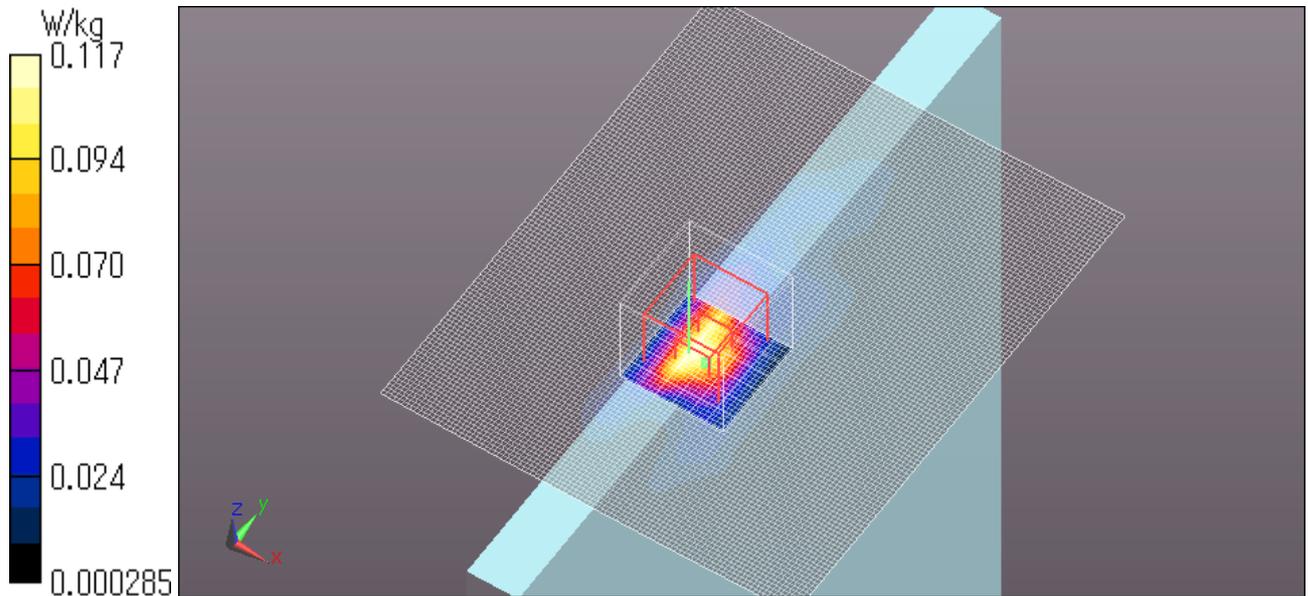
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.026 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.117 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1 WLAN 11n 20MHz MCS8 2437MHz Top side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan 2 2 2 3 (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.00902 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.989 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0180 W/kg

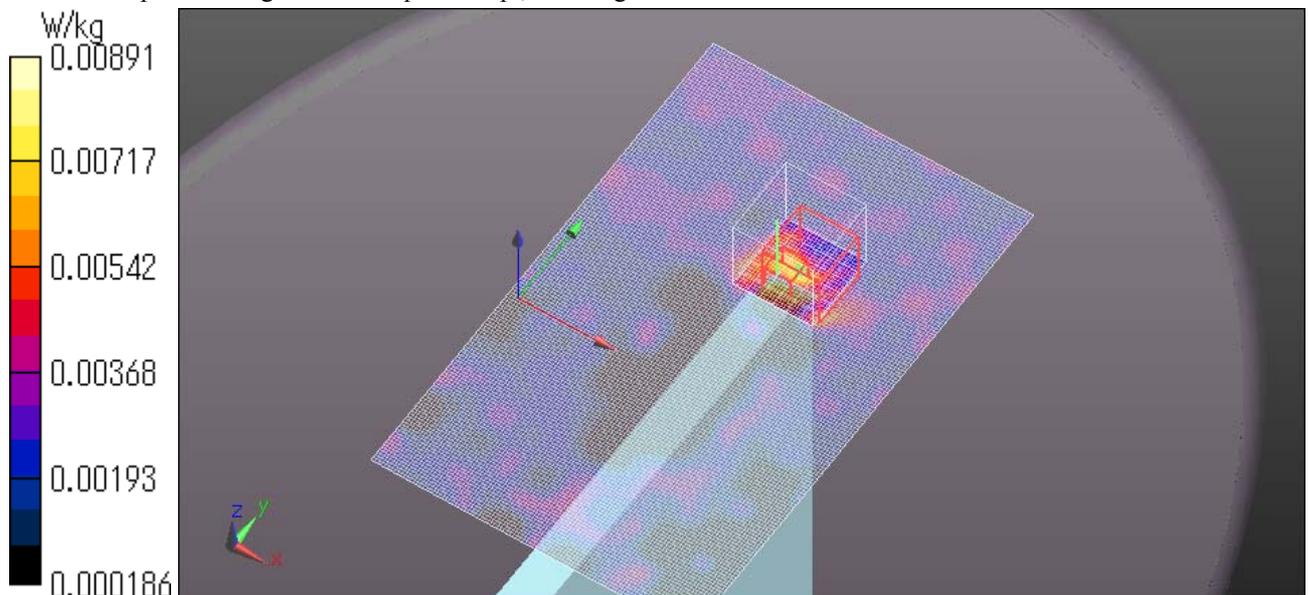
SAR(1 g) = 0.0042 W/kg; SAR(10 g) = 0.00222 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.00891 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 2437MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.168 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.318 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.302 W/kg

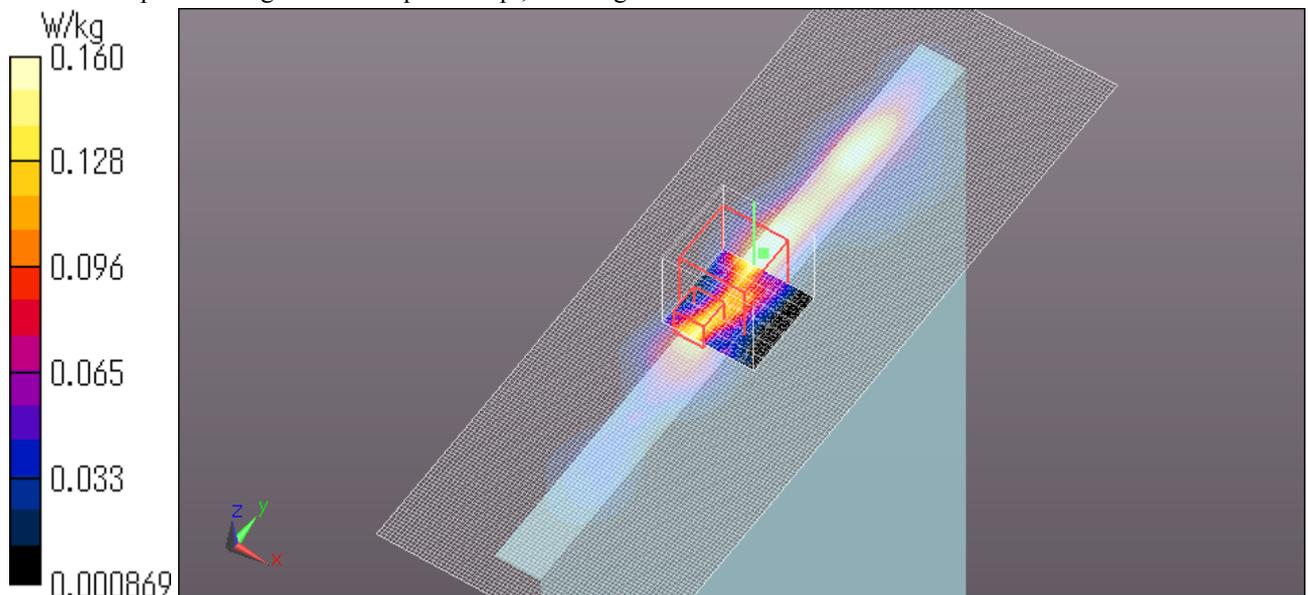
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.028 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.160 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 2437MHz Rear 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (121x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.00689 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.154 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.00856 W/kg

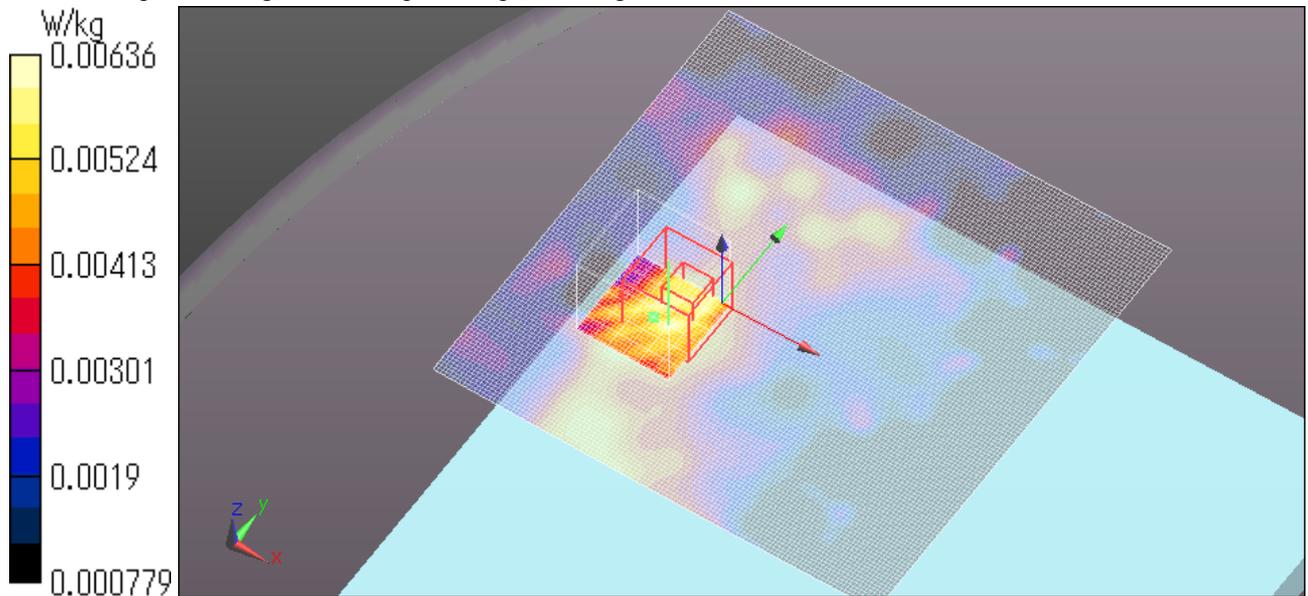
SAR(1 g) = 0.00439 W/kg; SAR(10 g) = 0.0031 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.00636 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 2437MHz Bottom(Laptop) 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (201x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.00594 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.822 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0100 W/kg

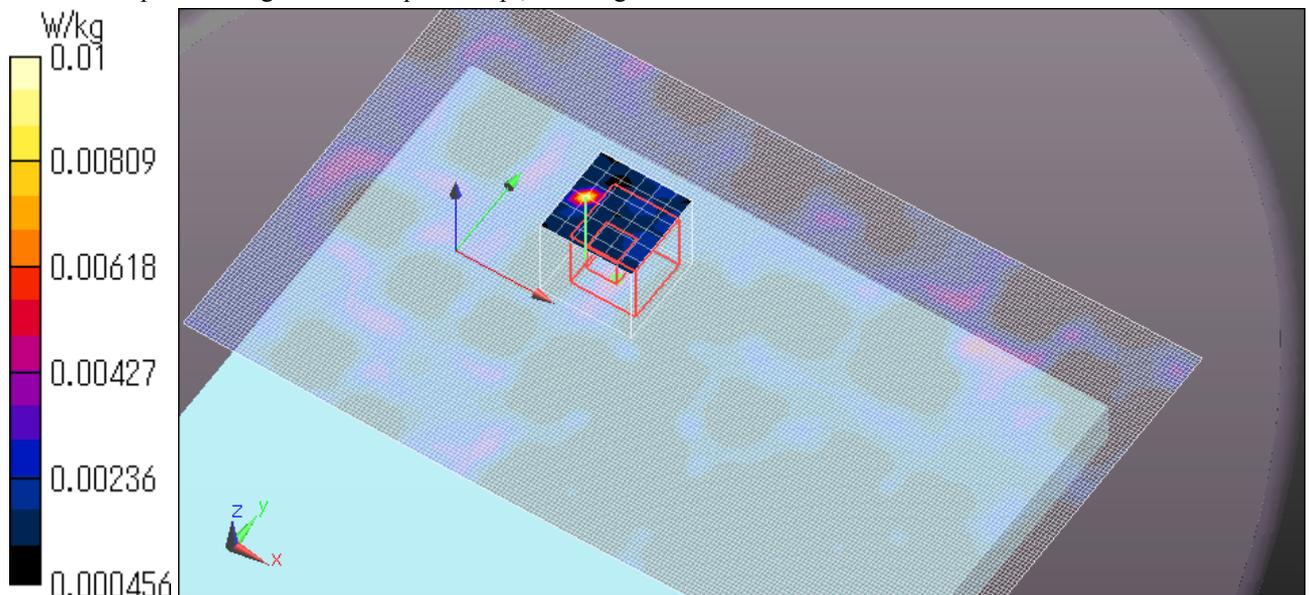
SAR(1 g) = 0.000206 W/kg; SAR(10 g) = 3.64e-005 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0100 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 2437MHz Bottom side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x331x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0669 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.687 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.183 W/kg

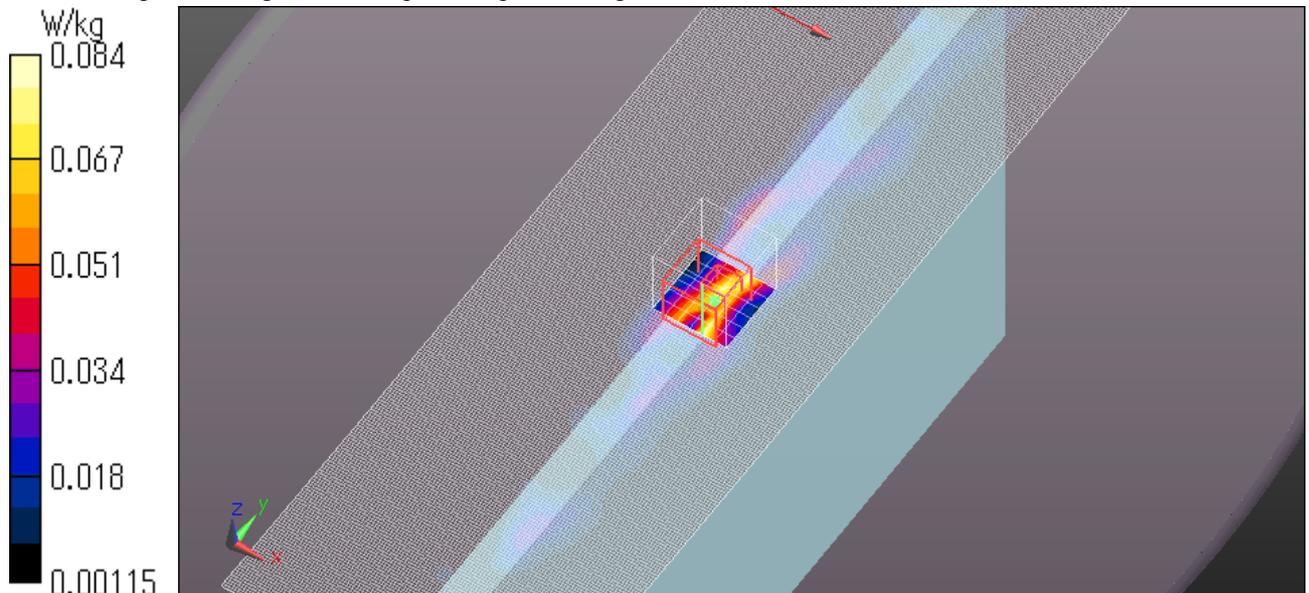
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.017 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0840 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 2437MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; $\{$ Probe: Calibration Date $\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0912 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.761 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.184 W/kg

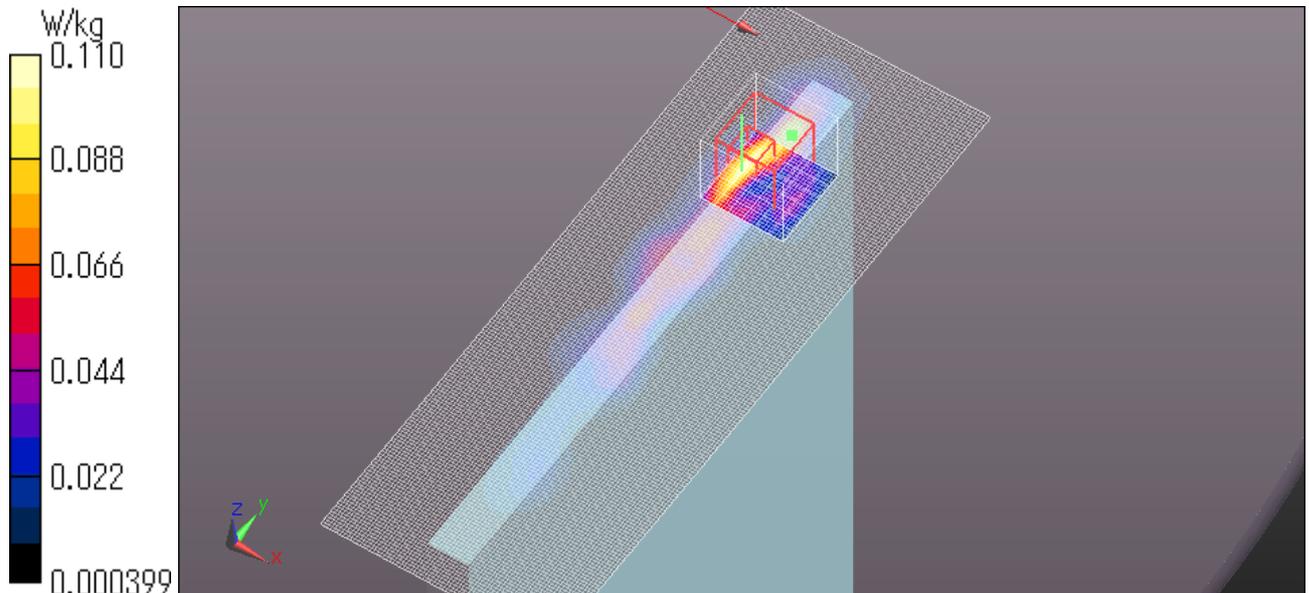
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.019 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.110 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 2437MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (101x331x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0669 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.687 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.183 W/kg

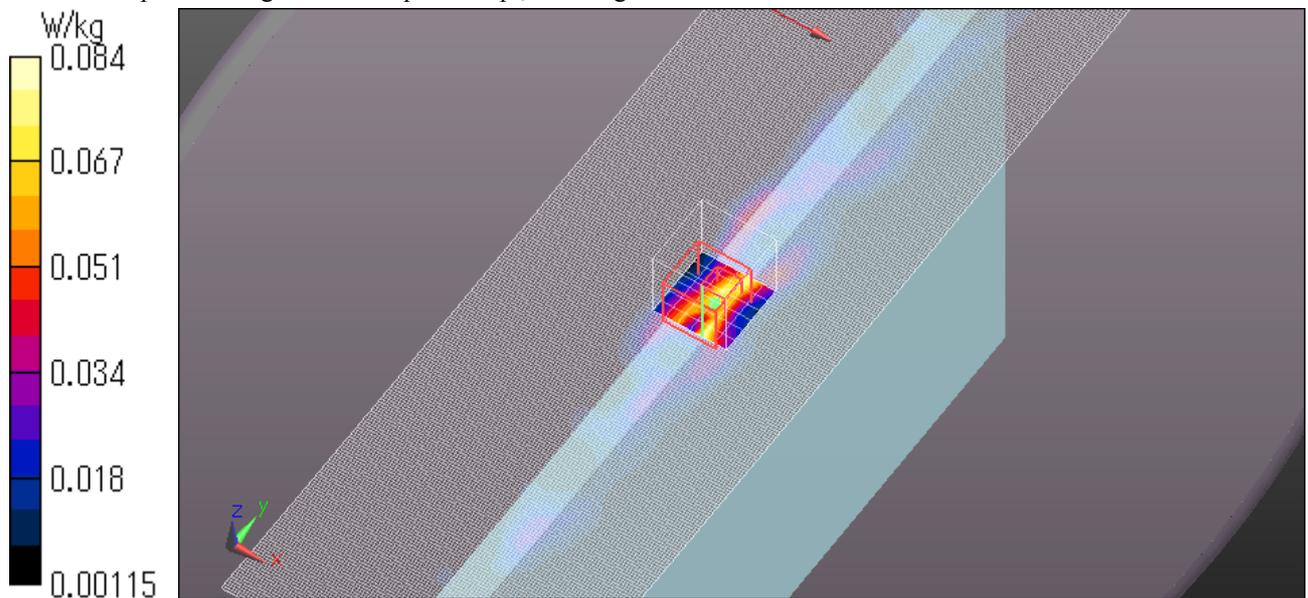
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.017 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0840 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 2437MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.998$ mho/m; $\epsilon_r = 51.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (101x331x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0564 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.316 V/m; Power Drift = -0.13 dB

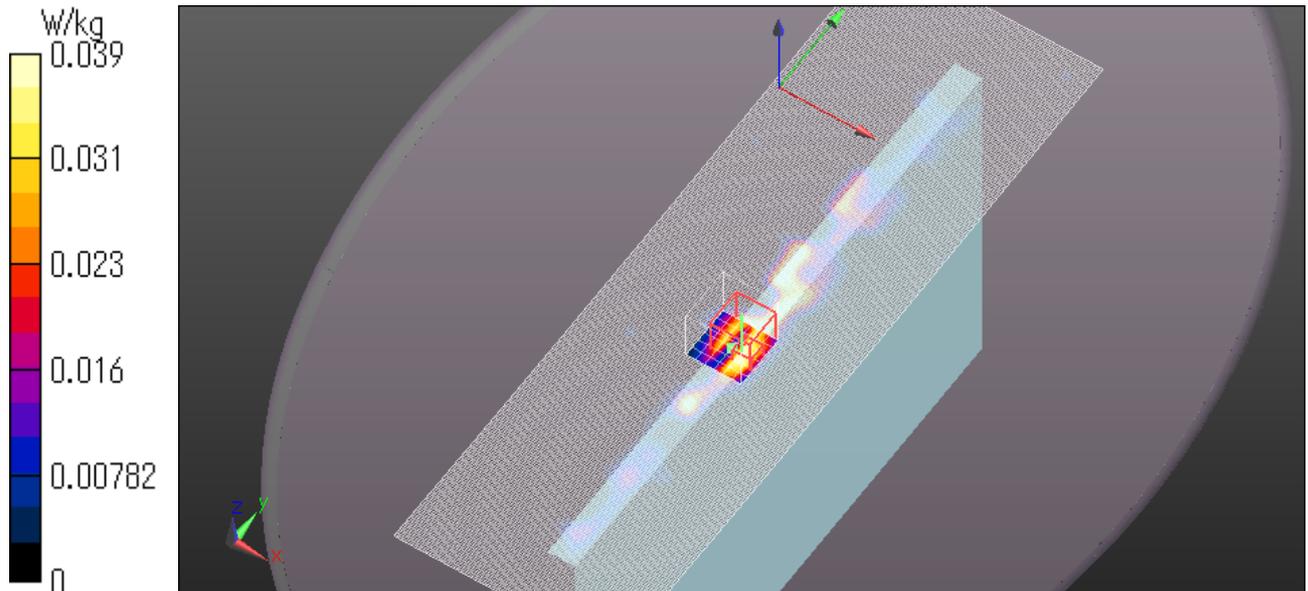
Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00789 W/kg

Maximum value of SAR (measured) = 0.0391 W/kg

Date: 2013/04/16

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



viii) WLAN 5180MHz-5240MHz

[5.2GHz band]

AK8SVD132A1WL WLAN 11a 6Mbps 5240MHz Right side 0mm Ant.0

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (91x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.088 V/m; Power Drift = -0.10 dB

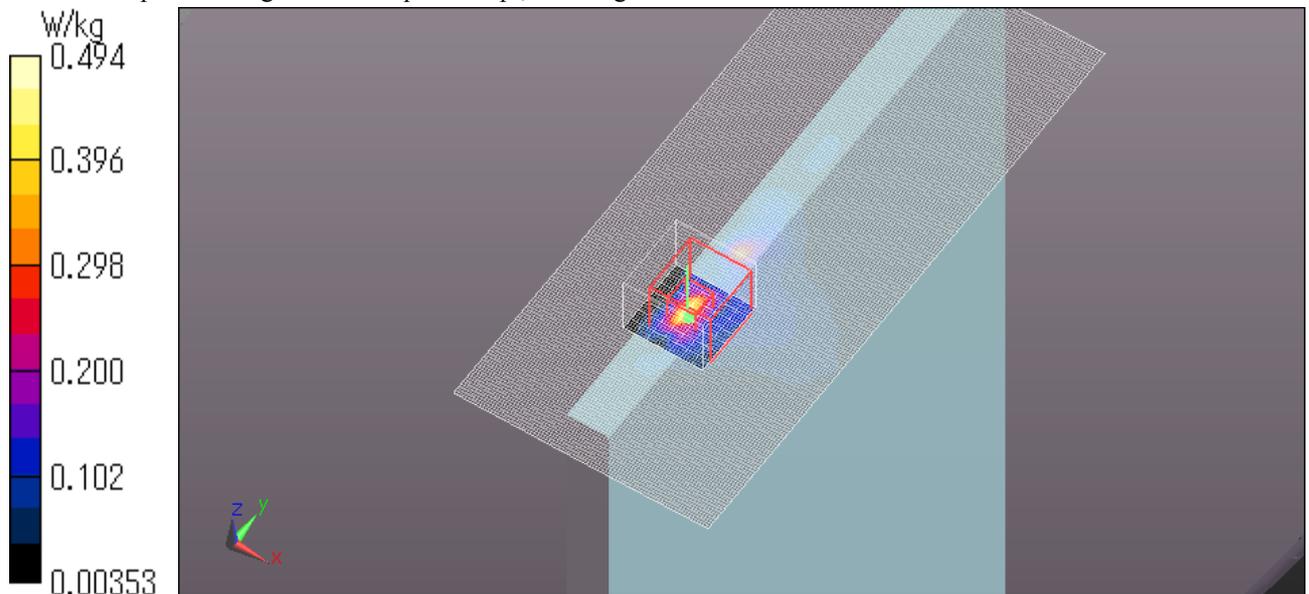
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.494 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5240MHz Rear 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (241x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0243 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.763 V/m; Power Drift = 0.12 dB

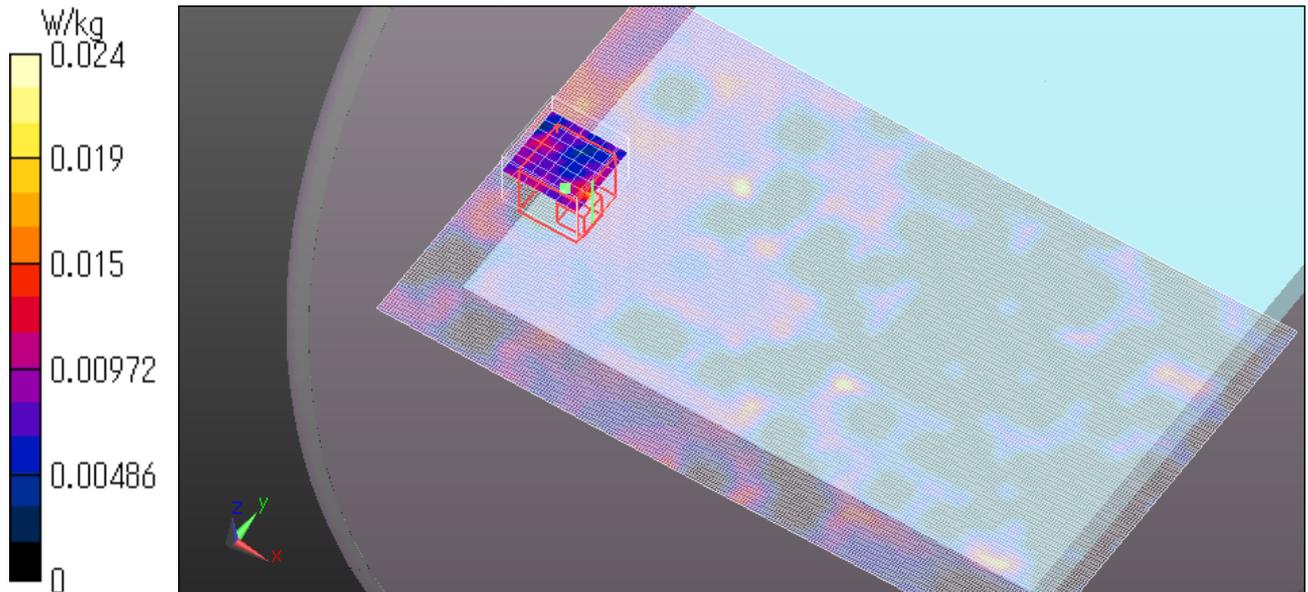
Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.00803 W/kg; SAR(10 g) = 0.00539 W/kg

Maximum value of SAR (measured) = 0.0166 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5240MHz Bottom(Laptop) 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (241x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0217 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.344 V/m; Power Drift = -0.12 dB

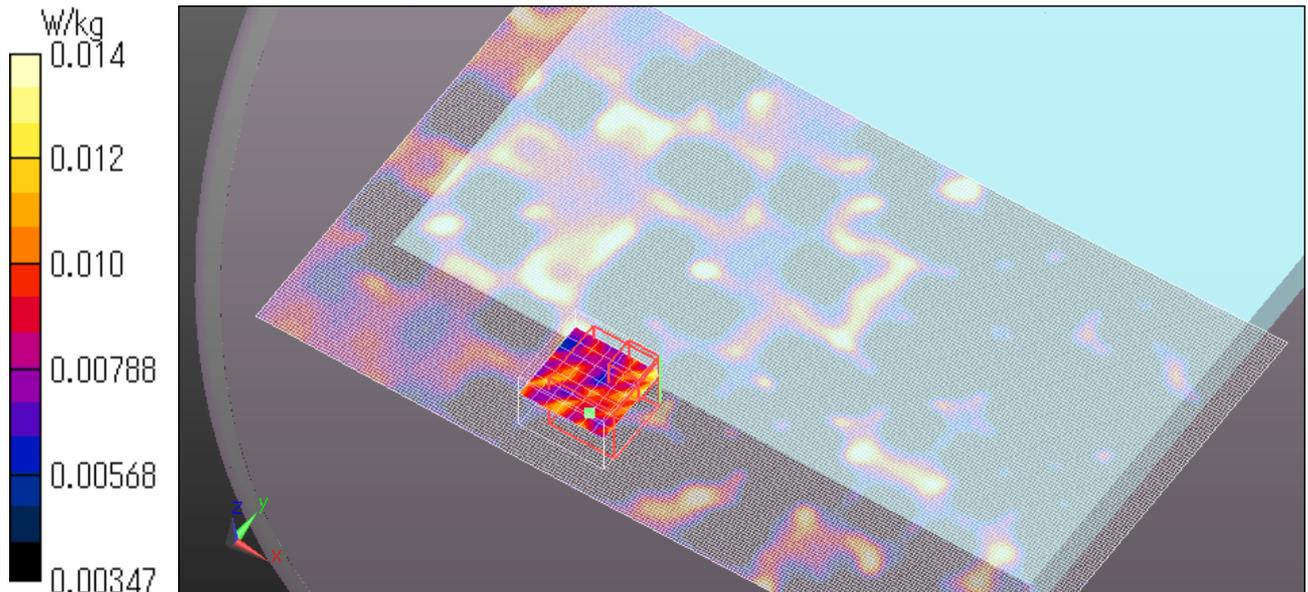
Peak SAR (extrapolated) = 0.0690 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00705 W/kg

Maximum value of SAR (measured) = 0.0145 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5240MHz Bottom side 0mm Ant.0

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (91x271x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.521 V/m; Power Drift = 0.14 dB

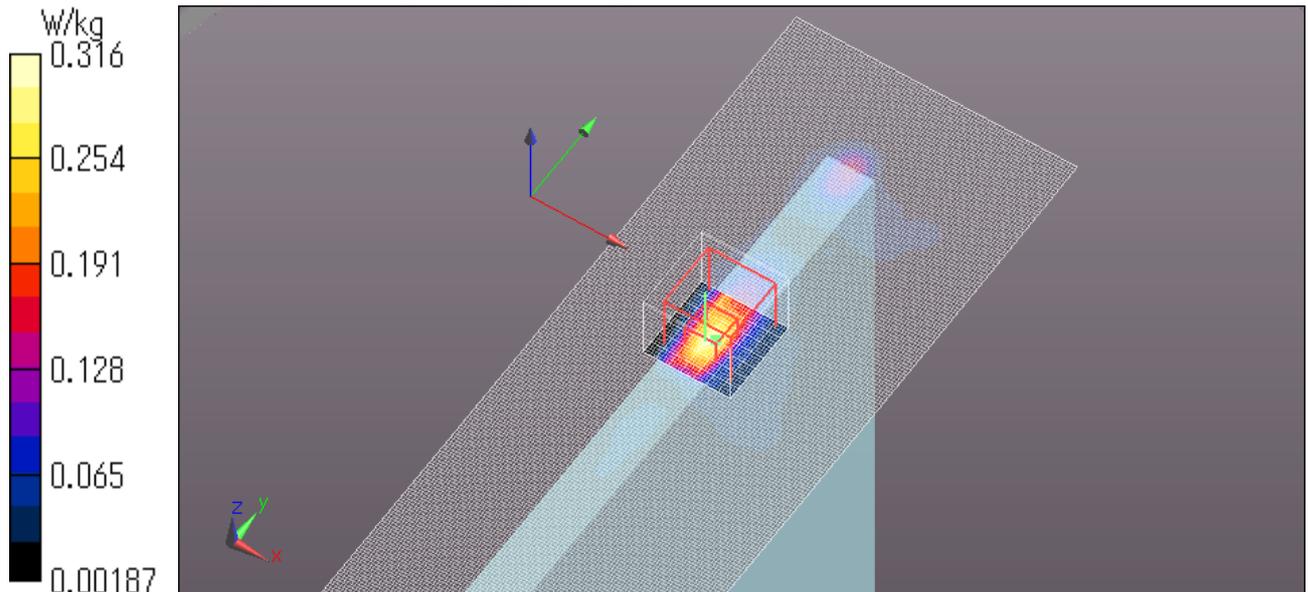
Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.316 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5220MHz Right side 0mm Ant.0

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5220$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.533$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.957 V/m; Power Drift = -0.18 dB

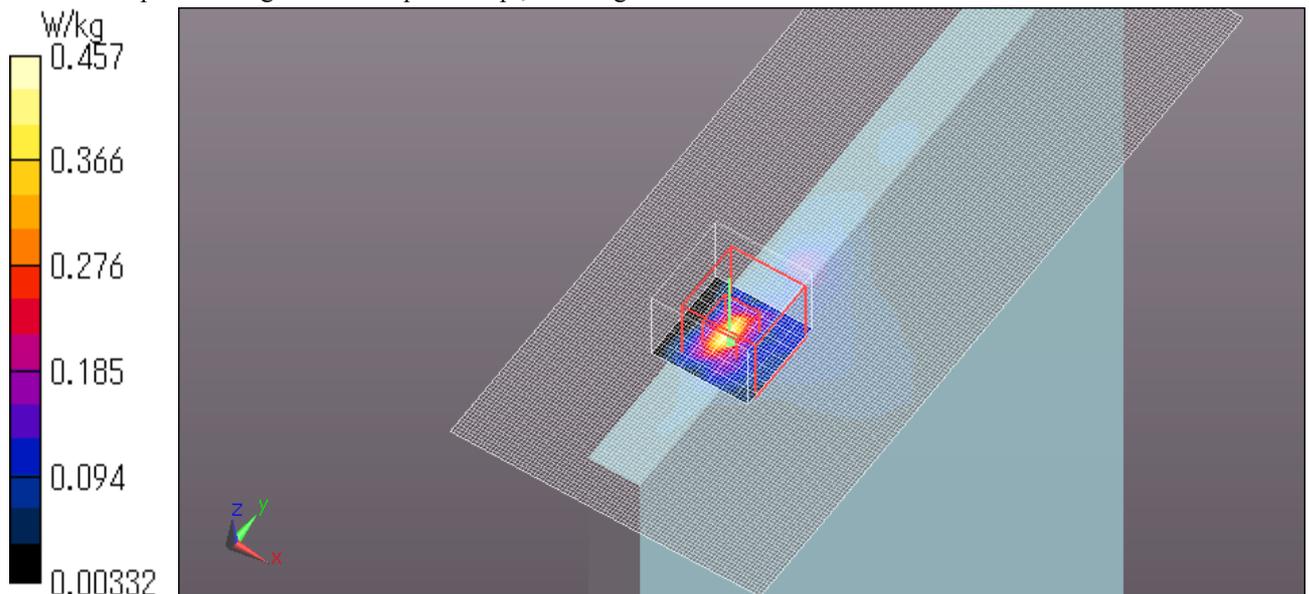
Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.457 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS0 5230MHz Right side 0mm Ant.0

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.431$ mho/m; $\epsilon_r = 47.573$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (91x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.337 V/m; Power Drift = 0.05 dB

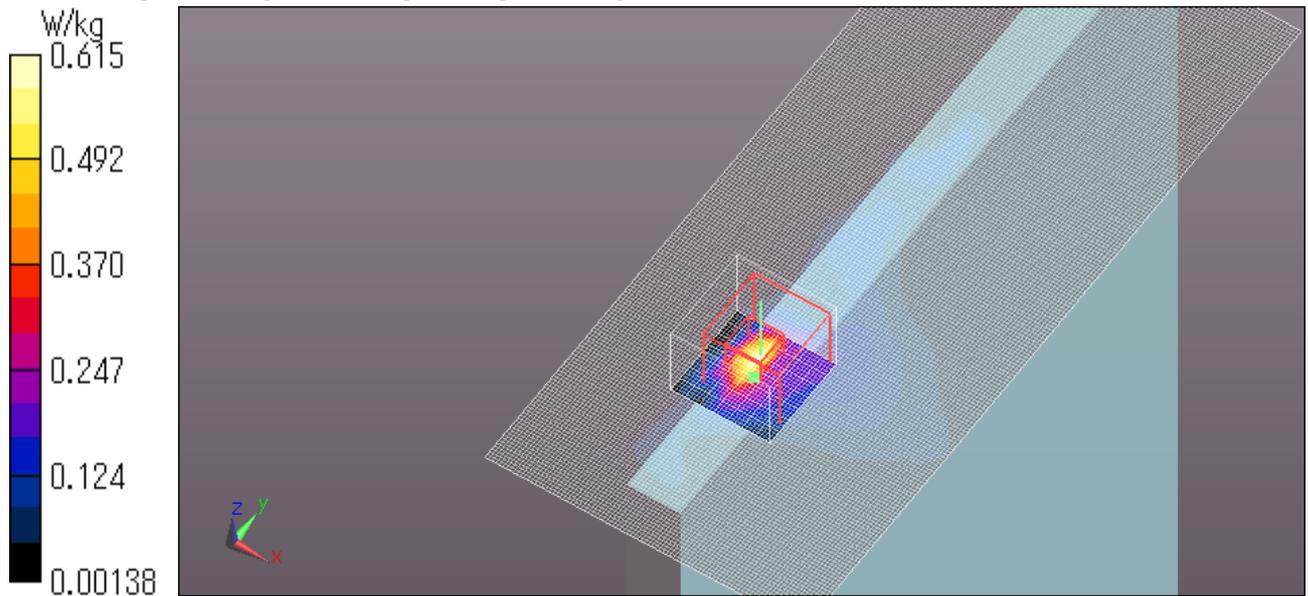
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.615 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at Maximum Body SAR position in WLAN 5180MHz – 5240MHz

AK8SVD132A1WL WLAN 11n 40MHz MCS0 5230MHz Right side 0mm Ant.0

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.431$ mho/m; $\epsilon_r = 47.573$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

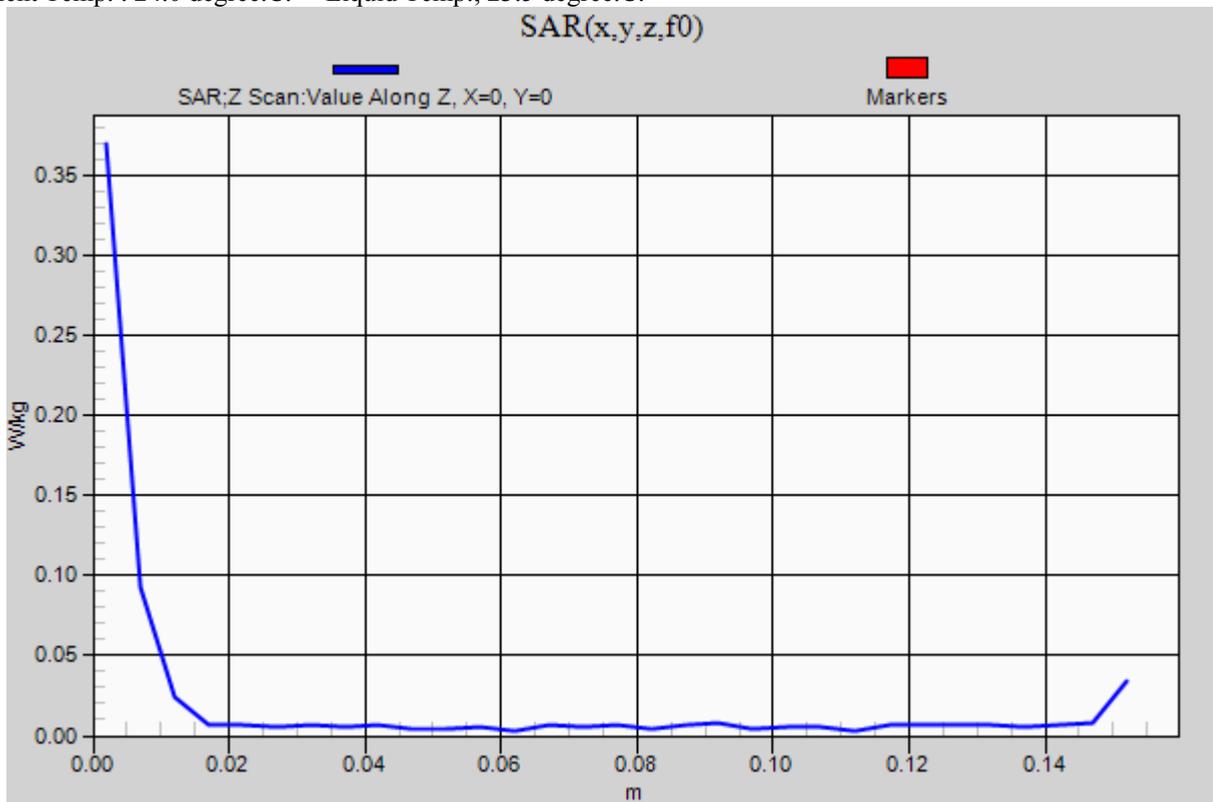
Measurement SW: DASYS2, Version 52.8 (3);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.370 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1 WLAN 11n 20MHz MCS8 5240MHz Top side 0mm Ant.1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.00145 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.985 V/m; Power Drift = -0.15 dB

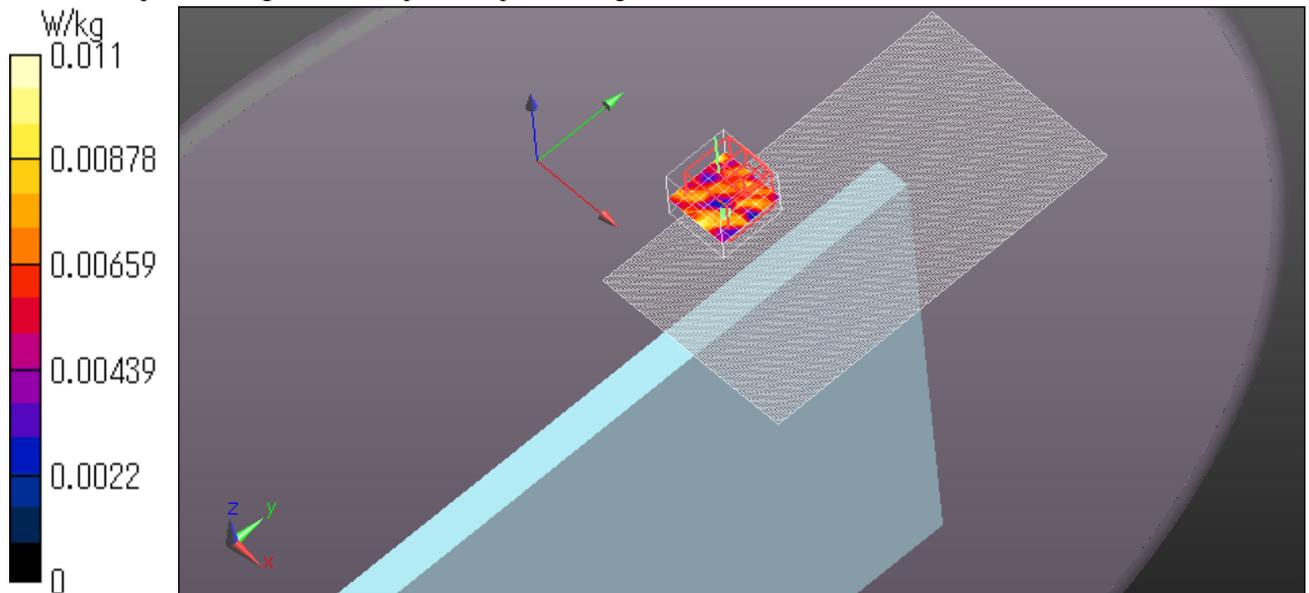
Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.00368 W/kg; SAR(10 g) = 0.000939 W/kg

Maximum value of SAR (measured) = 0.0110 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5240MHzLeft side 0mm Ant.1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.050 V/m; Power Drift = 0.15 dB

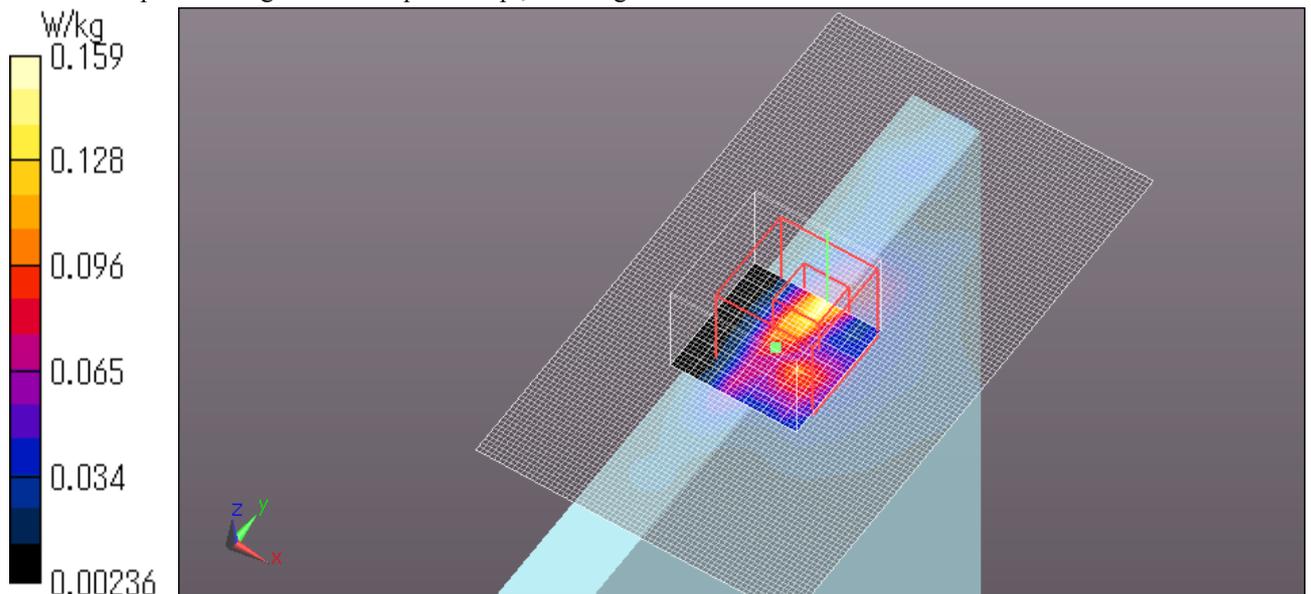
Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.159 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5240MHz Rear 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5240$ MHz; $\sigma = 5.272$ mho/m; $\epsilon_r = 47.761$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0226 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.901 V/m; Power Drift = -0.19 dB

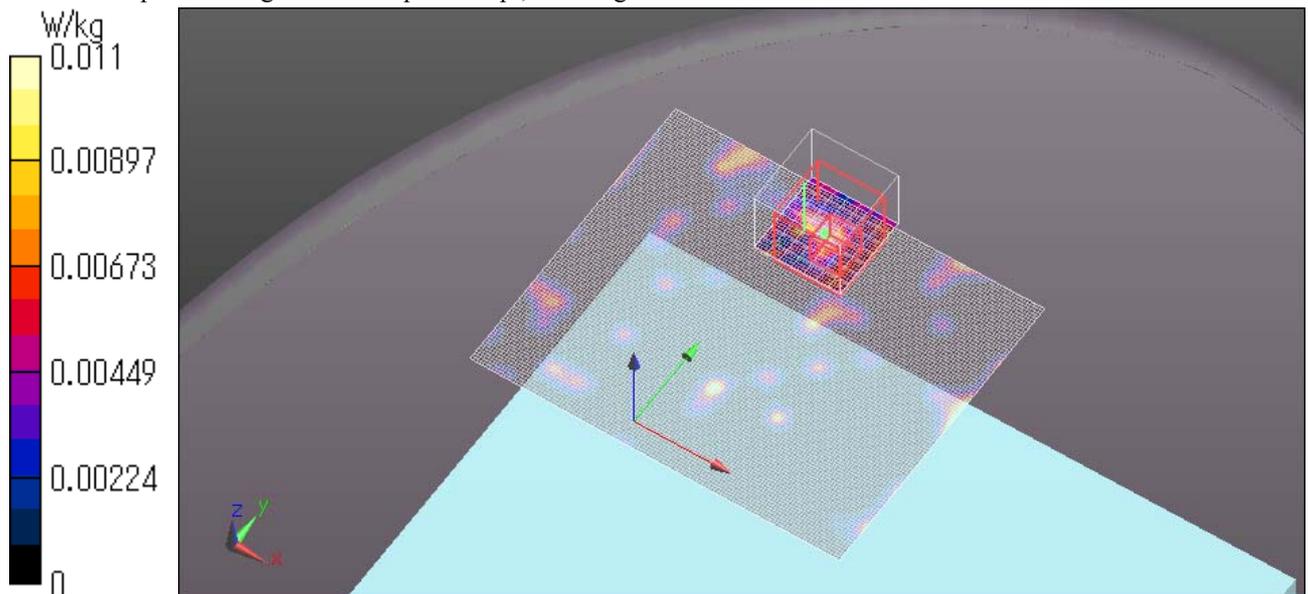
Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.0052 W/kg; SAR(10 g) = 0.00282 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5240MHz Bottom(Laptop) 0mm Ant.1

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.272$ mho/m; $\epsilon_r = 47.761$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0171 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.136 V/m; Power Drift = -0.13 dB

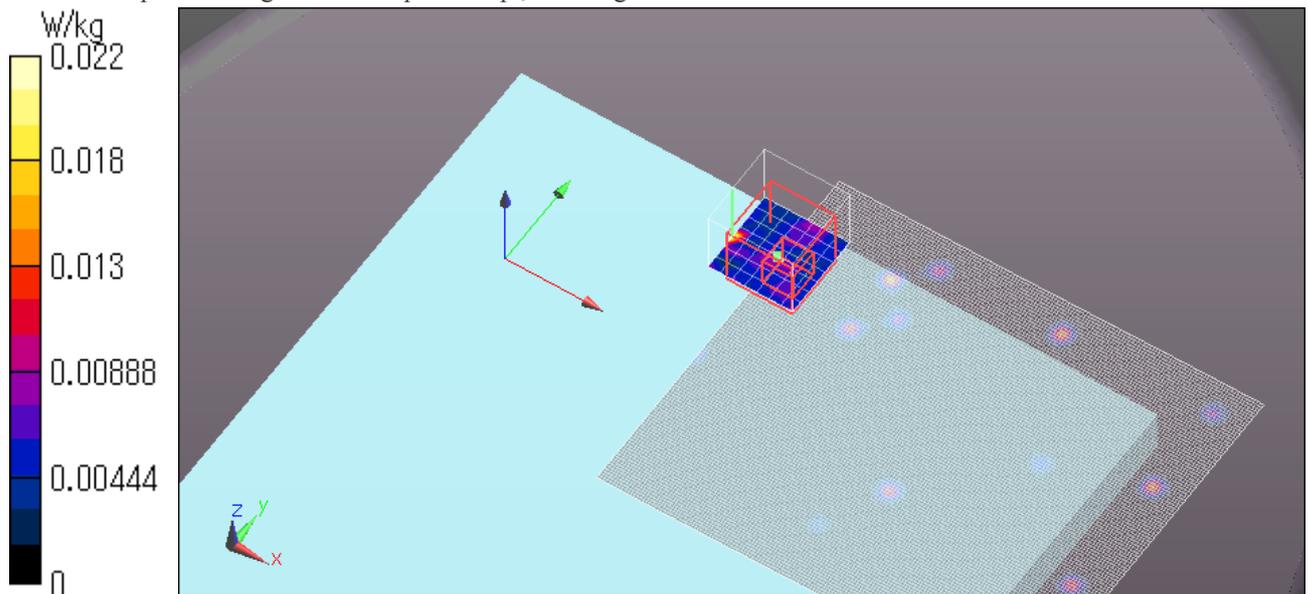
Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.00426 W/kg; SAR(10 g) = 0.00154 W/kg

Maximum value of SAR (measured) = 0.0222 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5240MHz Bottom side 0mm Ant.1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0387 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.658 V/m; Power Drift = 0.11 dB

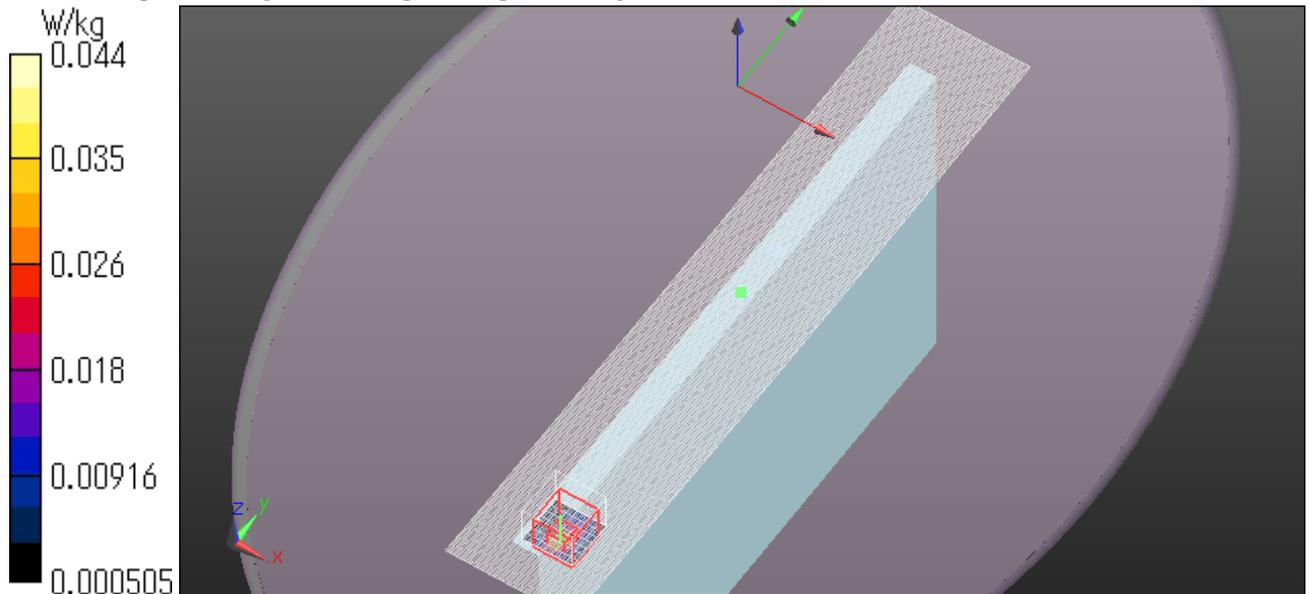
Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00489 W/kg

Maximum value of SAR (measured) = 0.0438 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5230MHz Left side 0mm Ant.1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.431$ mho/m; $\epsilon_r = 47.573$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.162 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.186 V/m; Power Drift = -0.13 dB

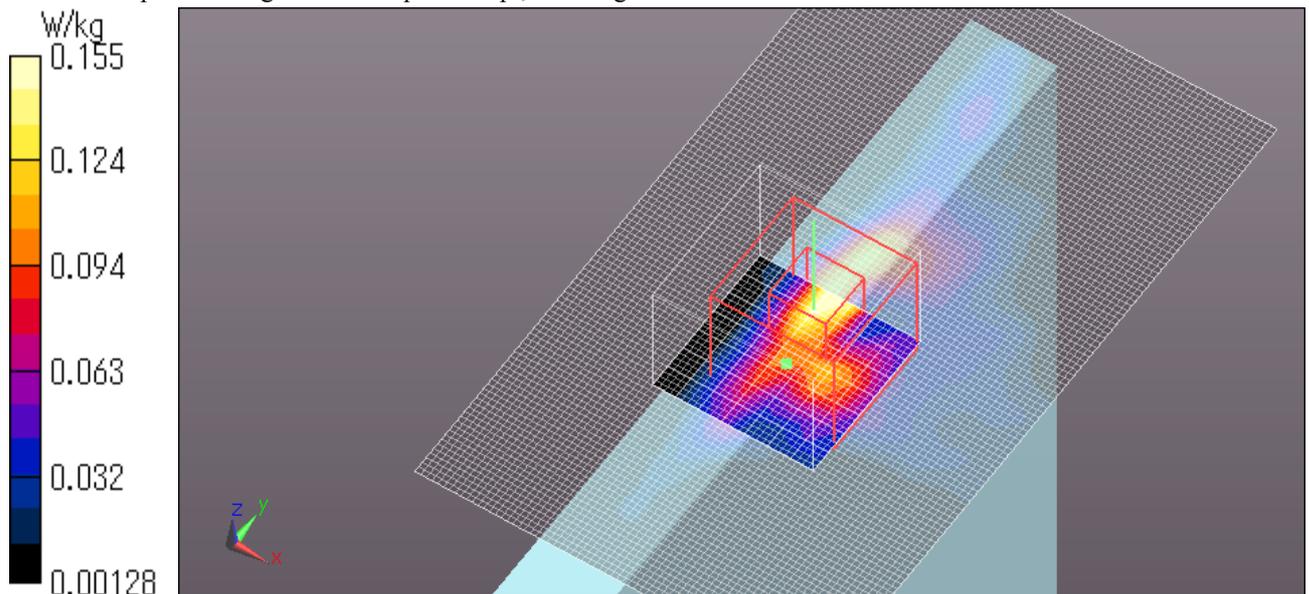
Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.155 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5240MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.467$ mho/m; $\epsilon_r = 47.629$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0387 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.658 V/m; Power Drift = 0.11 dB

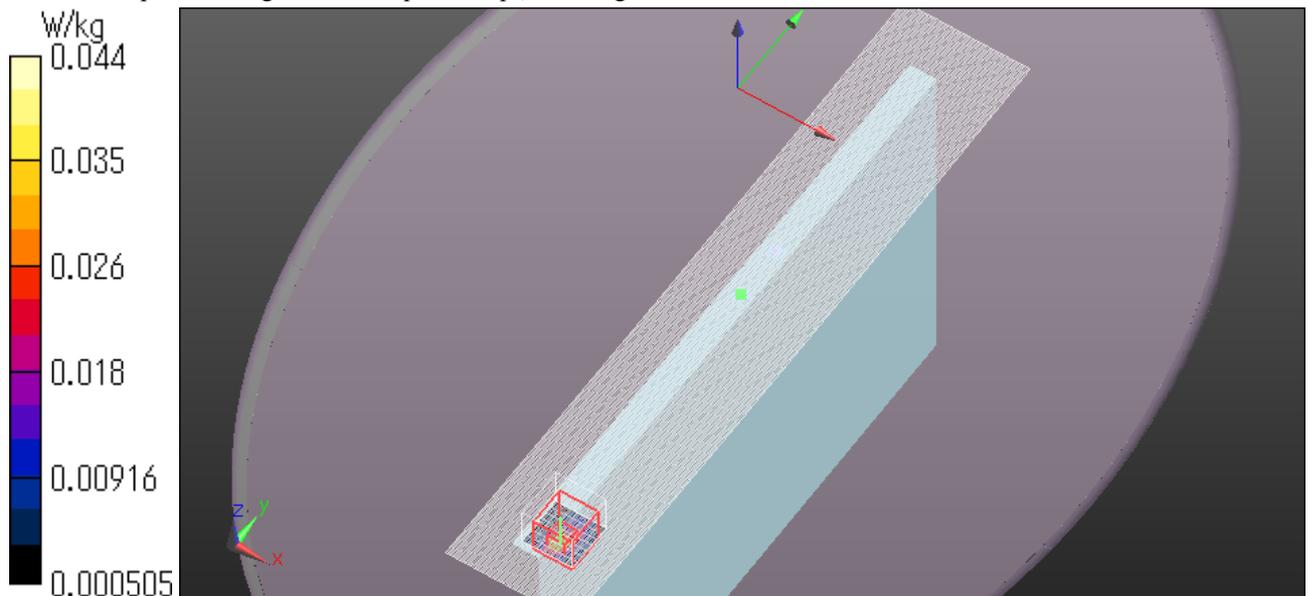
Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00489 W/kg

Maximum value of SAR (measured) = 0.0438 W/kg

Date: 2013/04/17

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5230MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Low; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 5.245$ mho/m; $\epsilon_r = 47.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.63, 4.63, 4.63); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0811 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.289 V/m; Power Drift = 0.13 dB

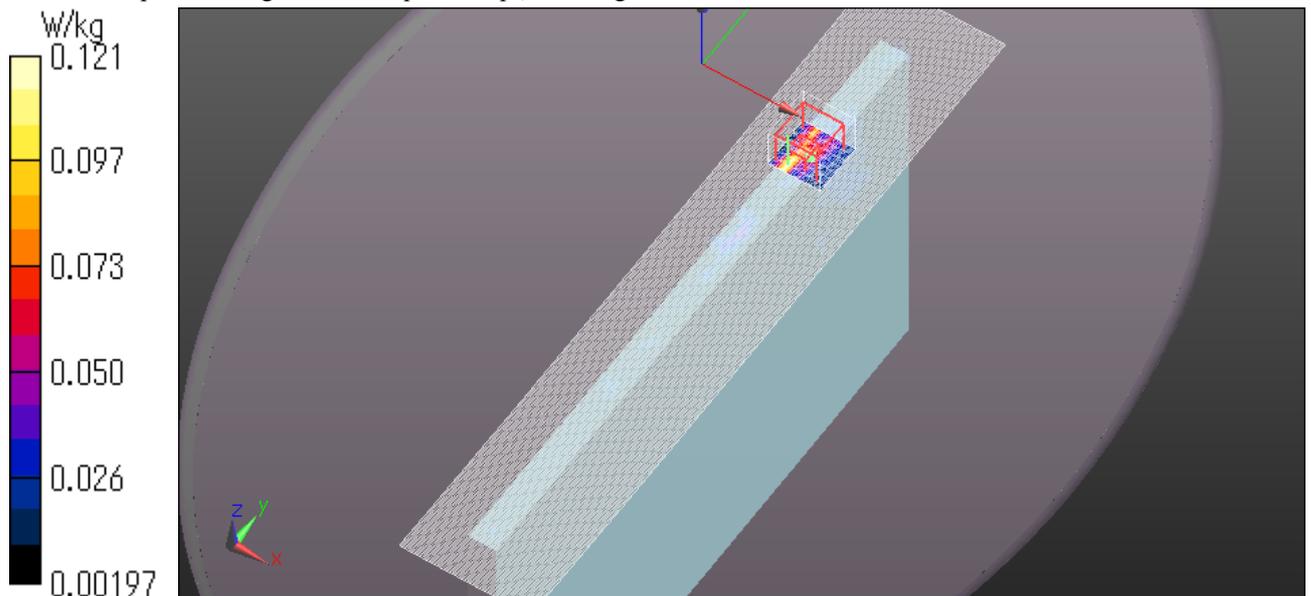
Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.121 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



[5.3GHz band]

AK8SVD132A1WL WLAN 11a 6Mbps 5300MHz Right side 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.838 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 1.18 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.838 V/m; Power Drift = 0.15 dB

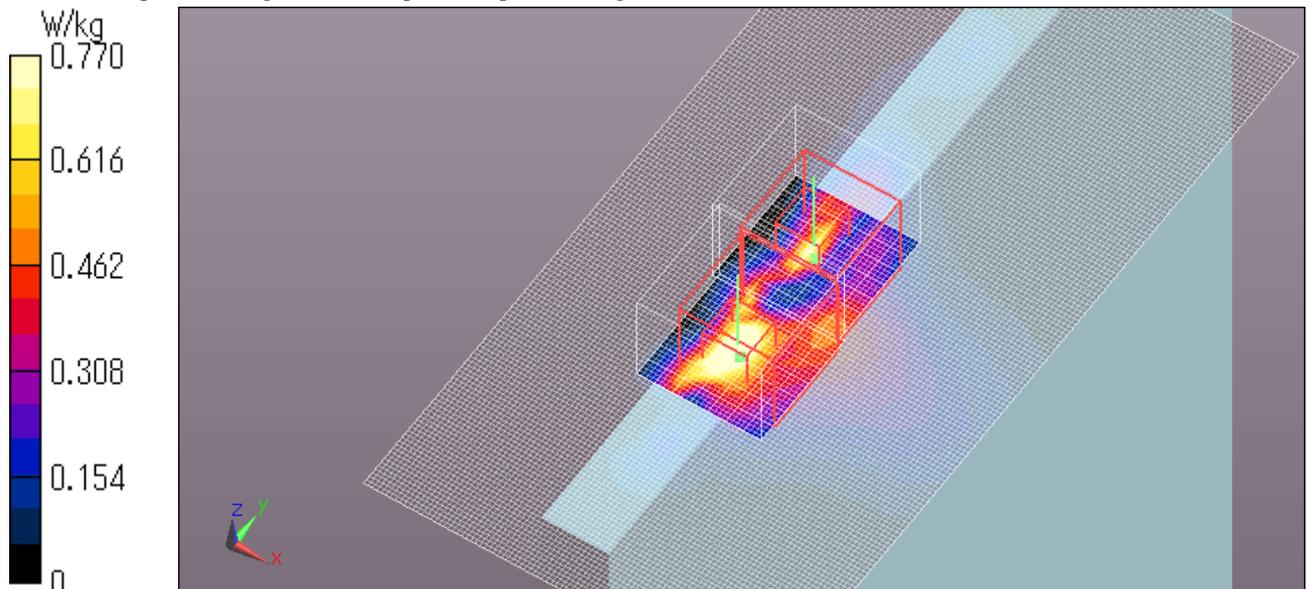
Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.770 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at Maximum Body SAR position in WLAN 5260MHz – 5320MHz

AK8SVD132A1WL WLAN 11a 6Mbps 5300MHz Right side 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

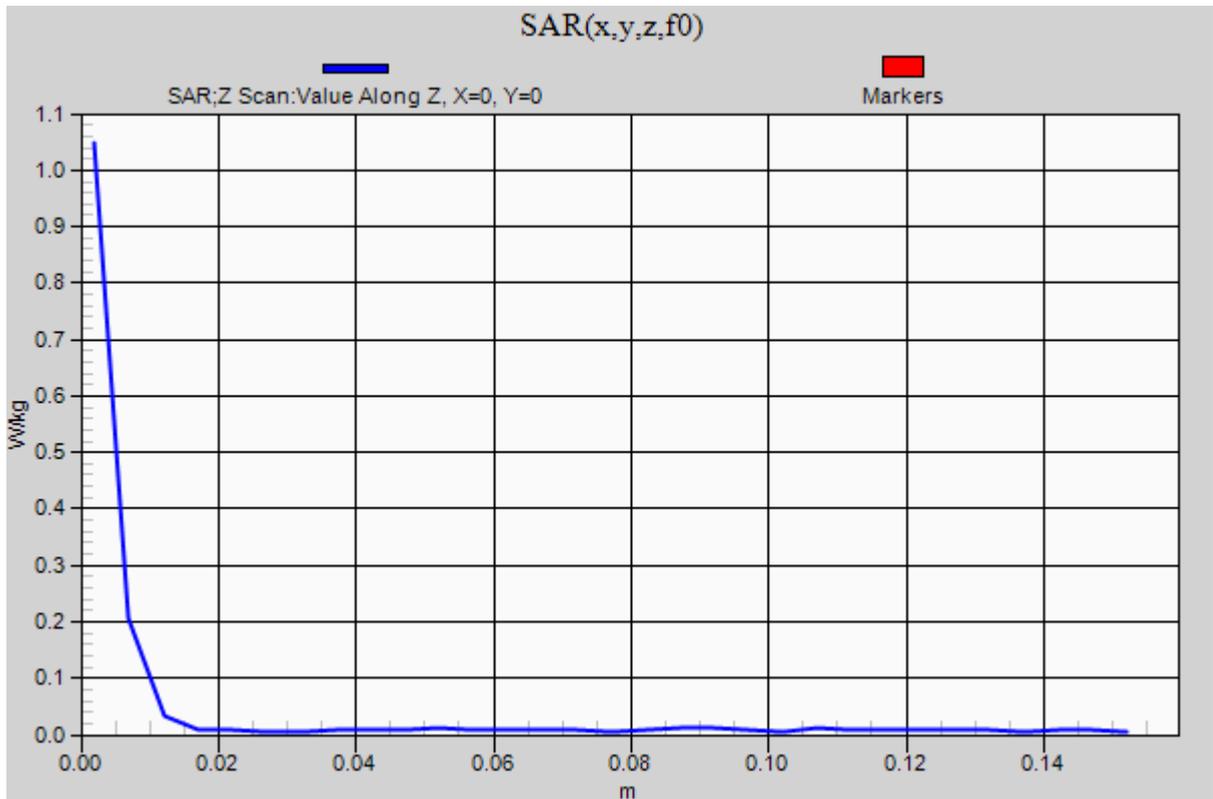
Measurement SW: DASYS2, Version 52.8 (3);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.05 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5300MHz Rear 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (241x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0323 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.921 V/m; Power Drift = 0.15 dB

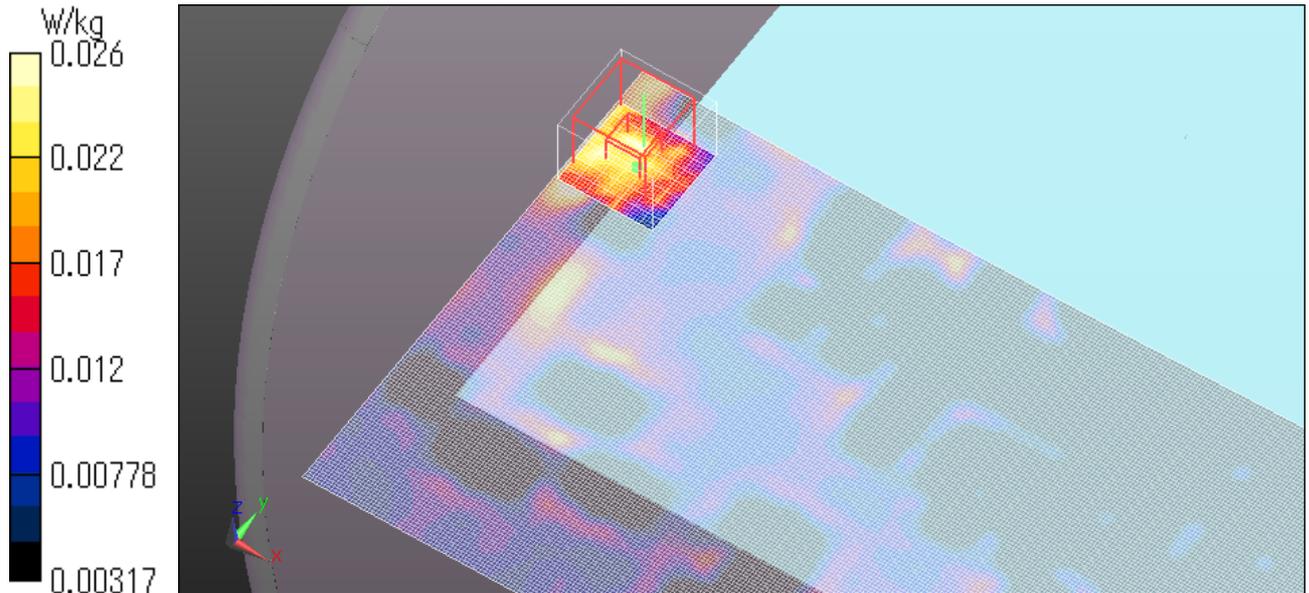
Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00704 W/kg

Maximum value of SAR (measured) = 0.0262 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5300MHz Bottom(Laptop) 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (241x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0460 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.684 V/m; Power Drift = -0.17 dB

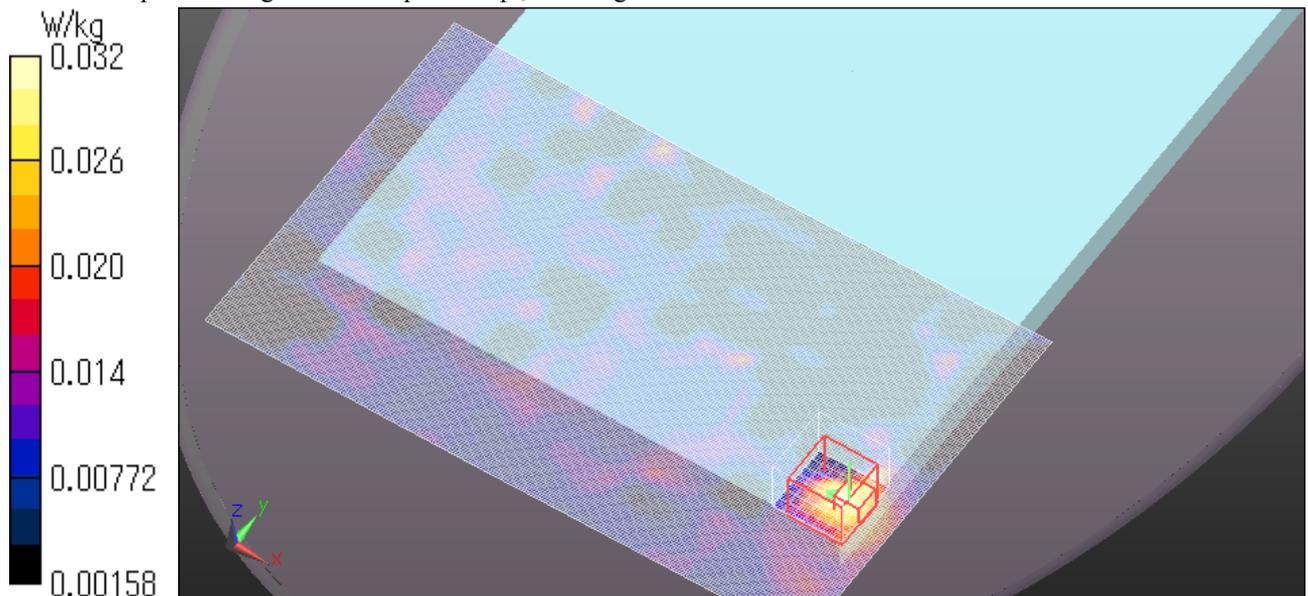
Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00529 W/kg

Maximum value of SAR (measured) = 0.0323 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5300MHz Bottom side 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; $\{$ Probe: Calibration Date $\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (91x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.763 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.702 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.655 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.702 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.627 W/kg

Zoom Scan 3 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.702 V/m; Power Drift = 0.18 dB

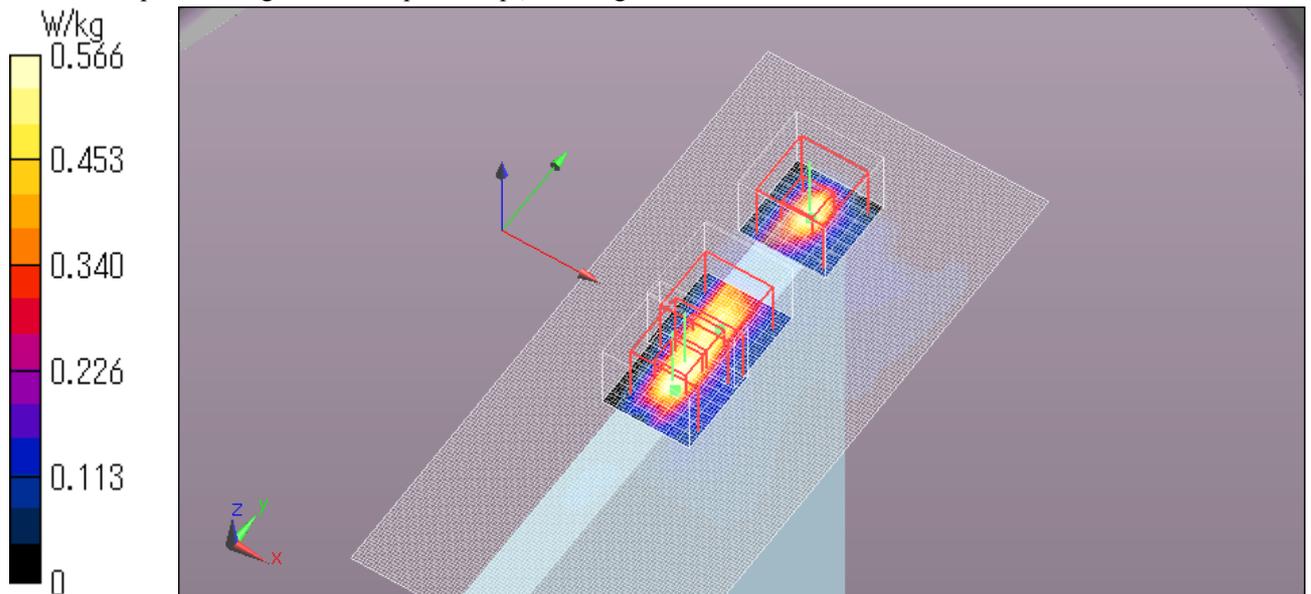
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.566 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5300MHz Right side 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.326$ mho/m; $\epsilon_r = 47.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.500 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.995 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.500 V/m; Power Drift = 0.18 dB

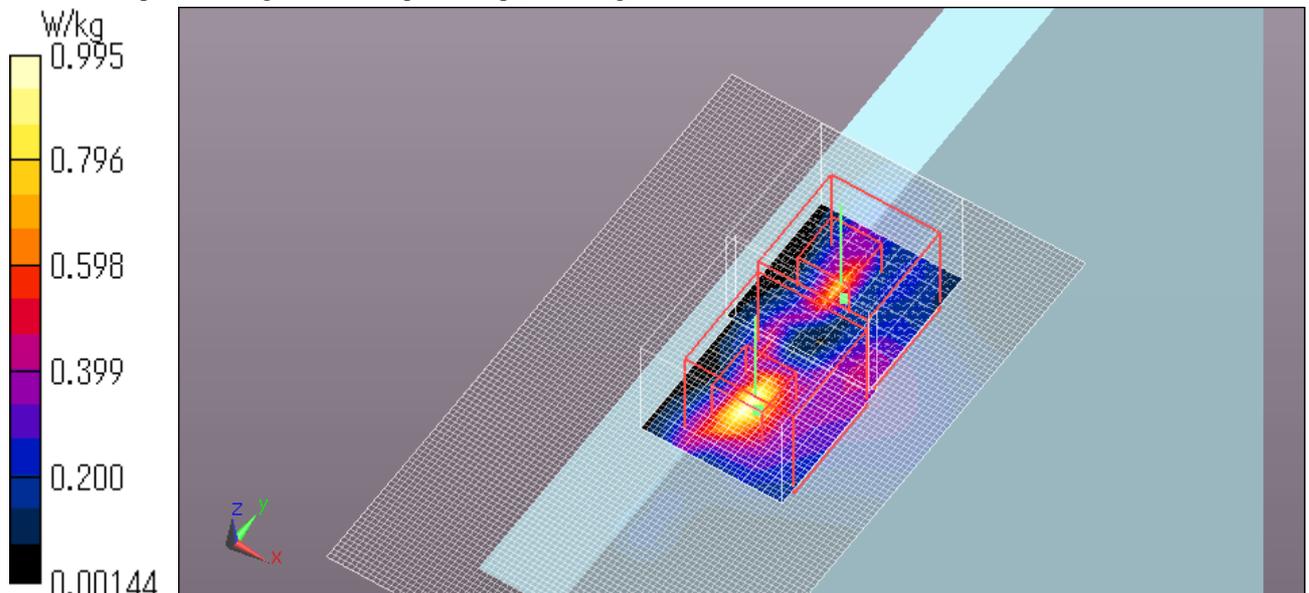
Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.736 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS0 5270MHz Right side 0mm Ant.0

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.839$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; $\{Probe: Calibration Date\}$

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.900 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.402 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.827 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.402 V/m; Power Drift = -0.07 dB

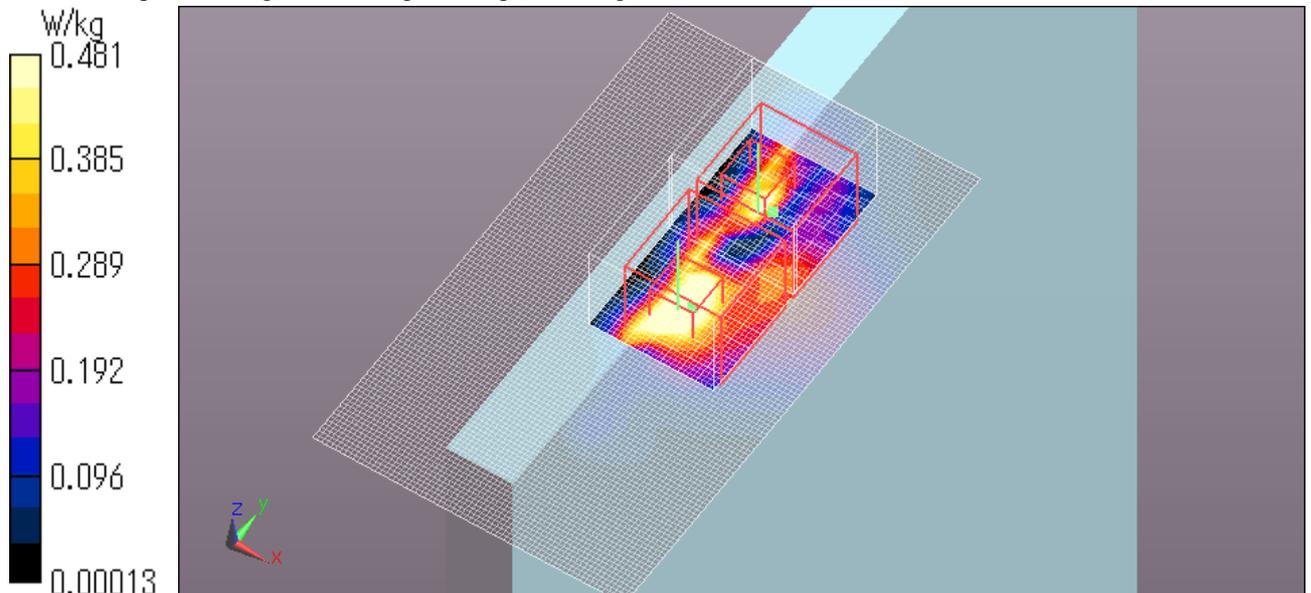
Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.481 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1 WLAN 11n 20MHz MCS8 5260MHz Top side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (121x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.00124 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.654 V/m; Power Drift = -0.15 dB

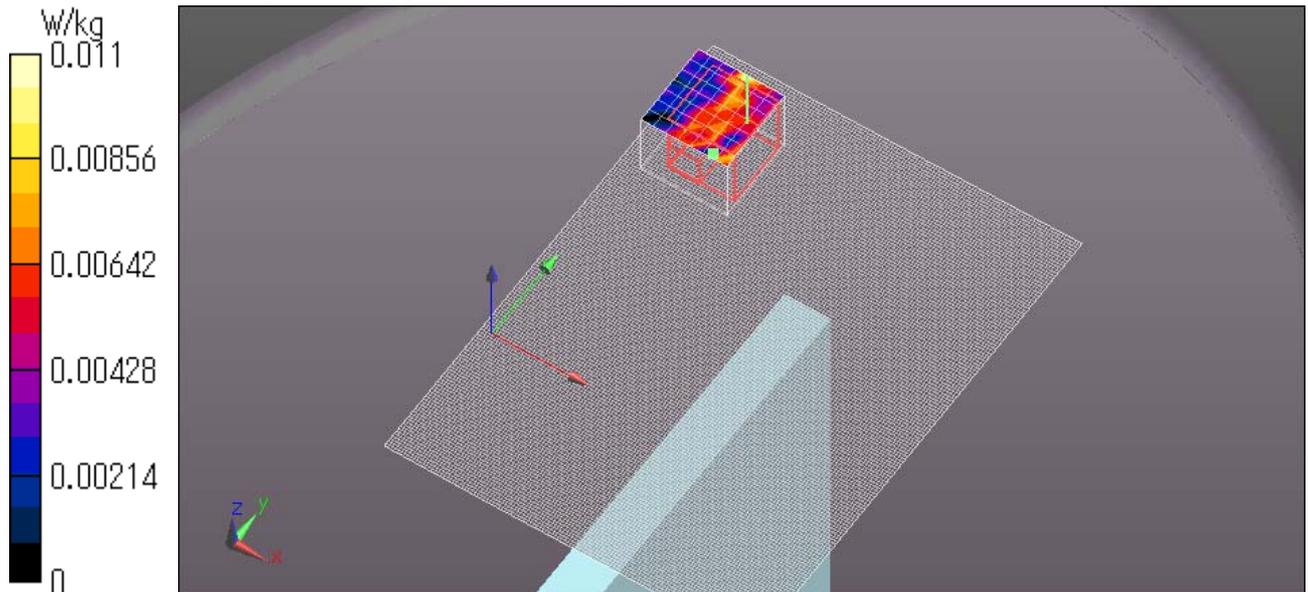
Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.00398 W/kg; SAR(10 g) = 0.00169 W/kg

Maximum value of SAR (measured) = 0.0107 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5260MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.493 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.394 V/m; Power Drift = -0.09 dB

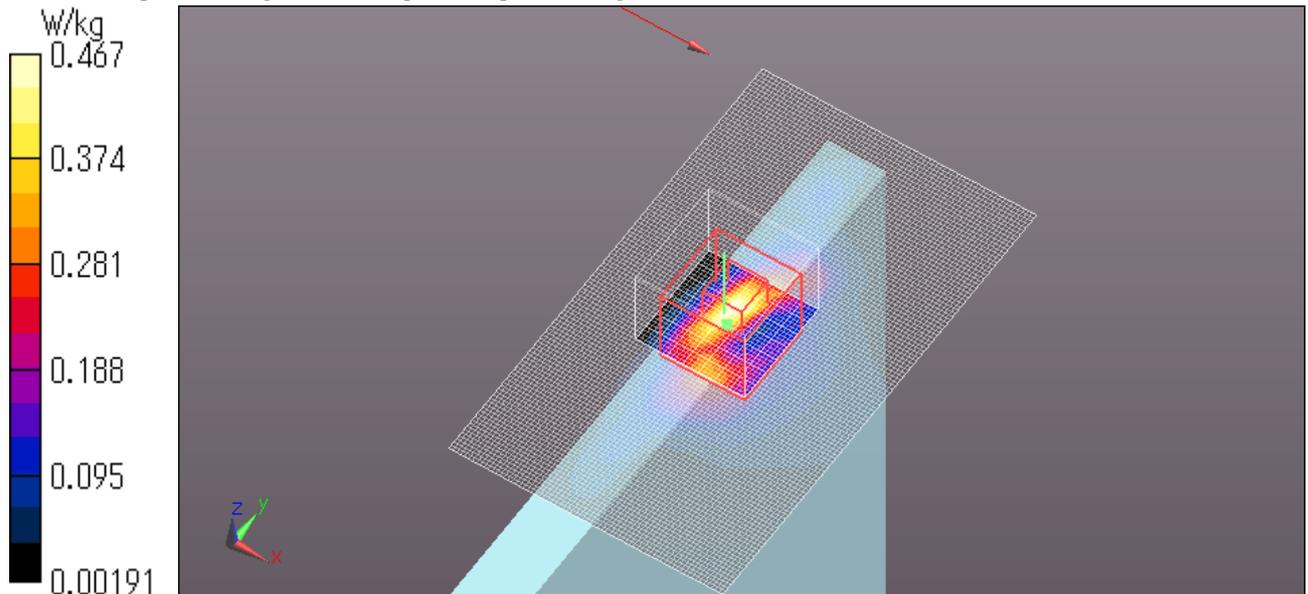
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.467 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5260MHz Rear 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0209 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = -0.17 dB

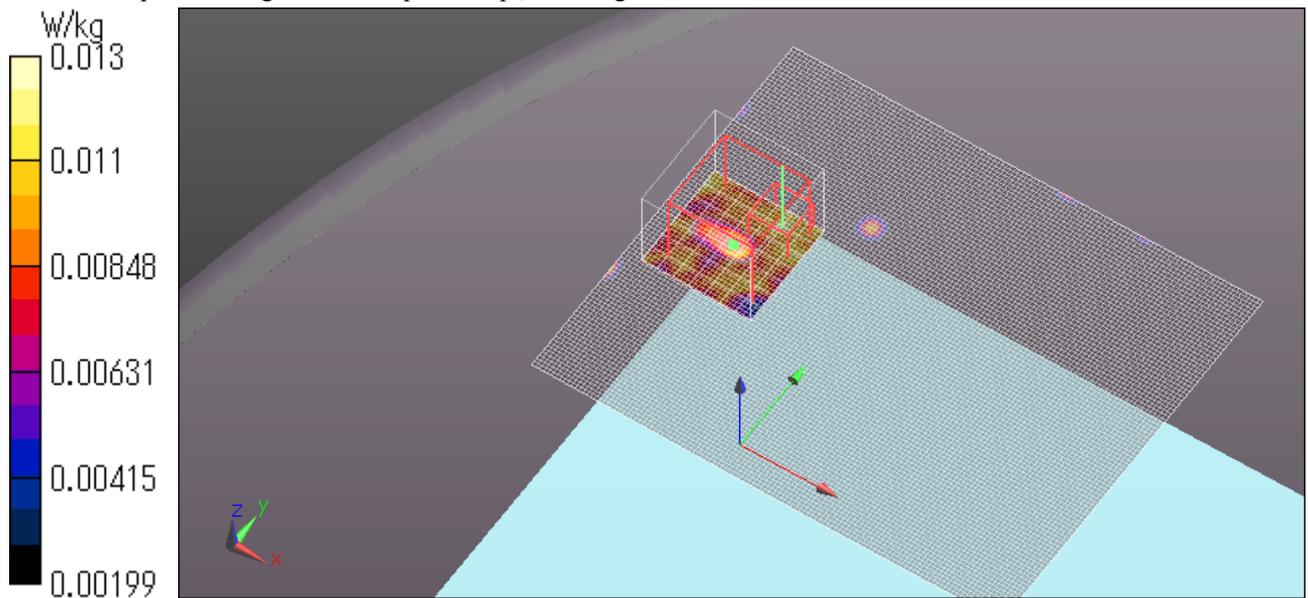
Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.00547 W/kg; SAR(10 g) = 0.00317 W/kg

Maximum value of SAR (measured) = 0.0128 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5260MHz Bottom(Laptop) 0mm Ant.1

Communication System: WLAN 11a/n; Communication System Band: WLAN 11a/n Low band; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0193 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.923 V/m; Power Drift = -0.12 dB

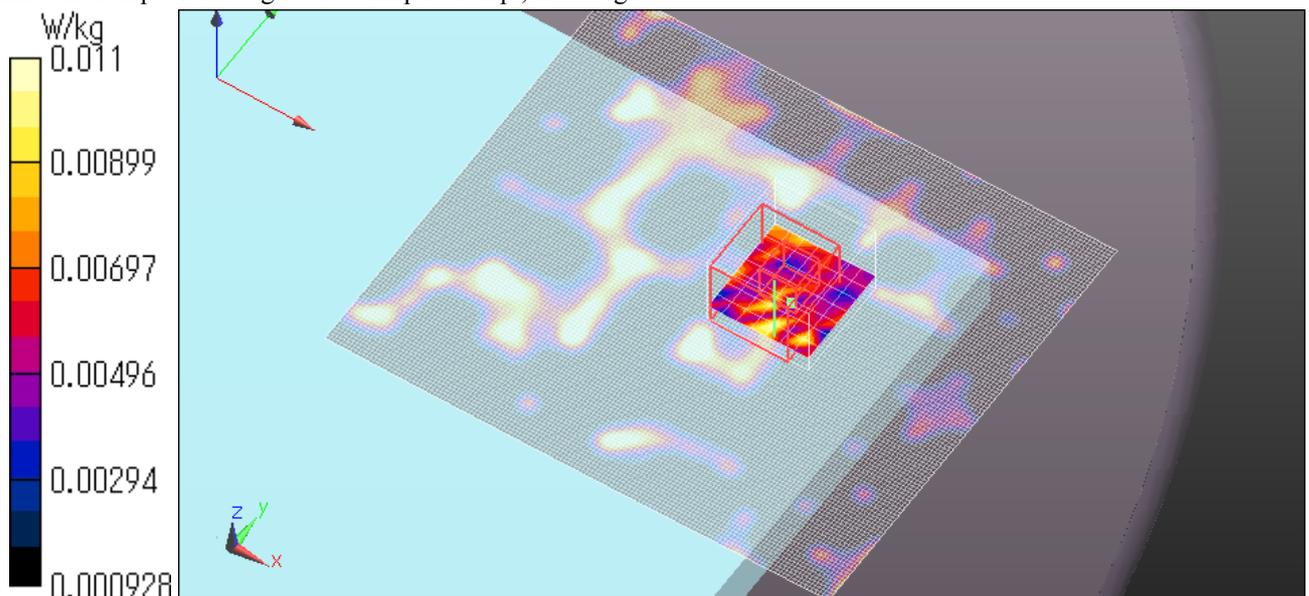
Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.00535 W/kg; SAR(10 g) = 0.00361 W/kg

Maximum value of SAR (measured) = 0.0110 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5260MHz Bottom side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.525 V/m; Power Drift = 0.13 dB

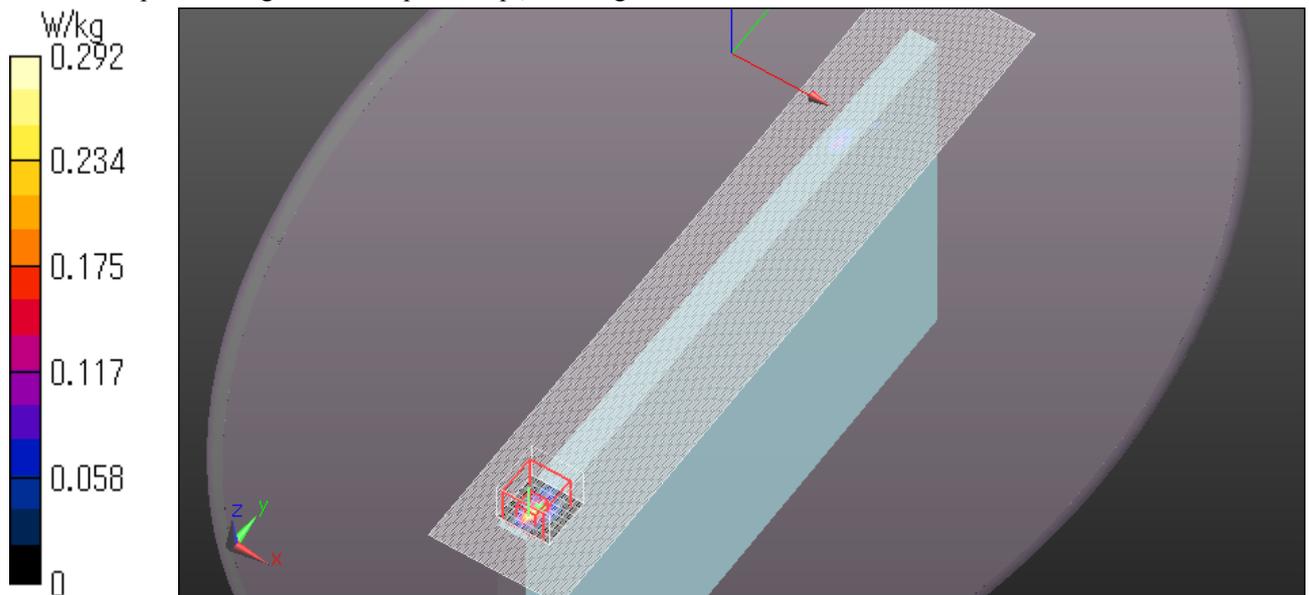
Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.292 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5270MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.839$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; $\{$ Probe: Calibration Date $\}$

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.687 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.165 V/m; Power Drift = -0.14 dB

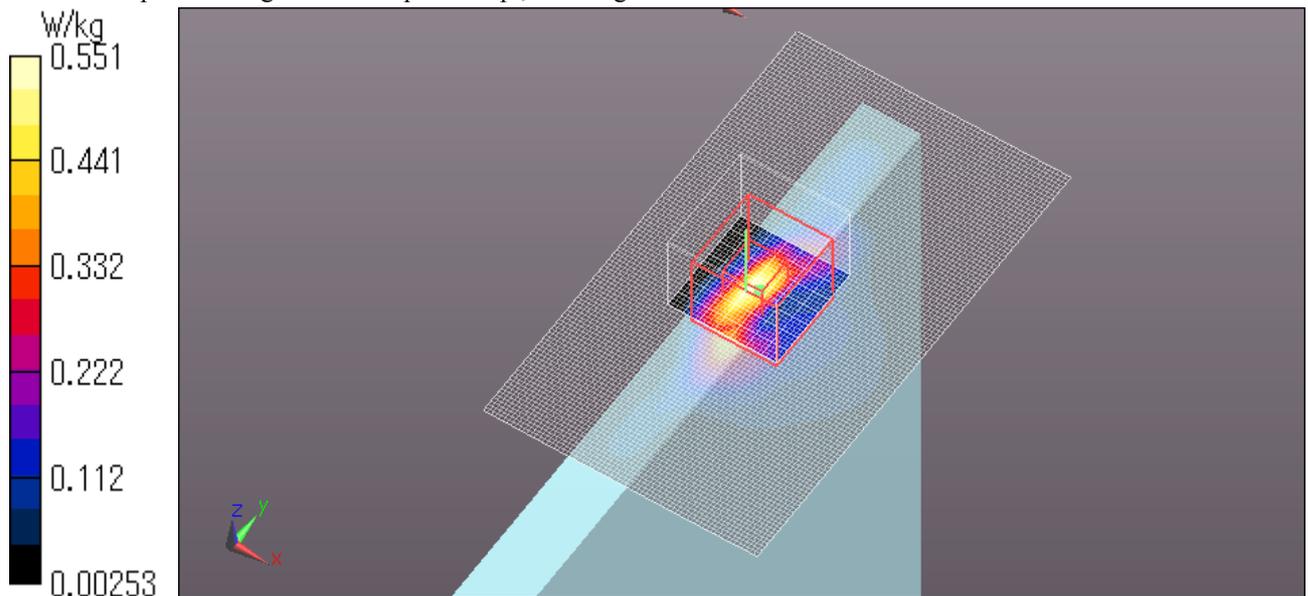
Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.551 W/kg

Date: 2013/04/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5260MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.813$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.525 V/m; Power Drift = 0.13 dB

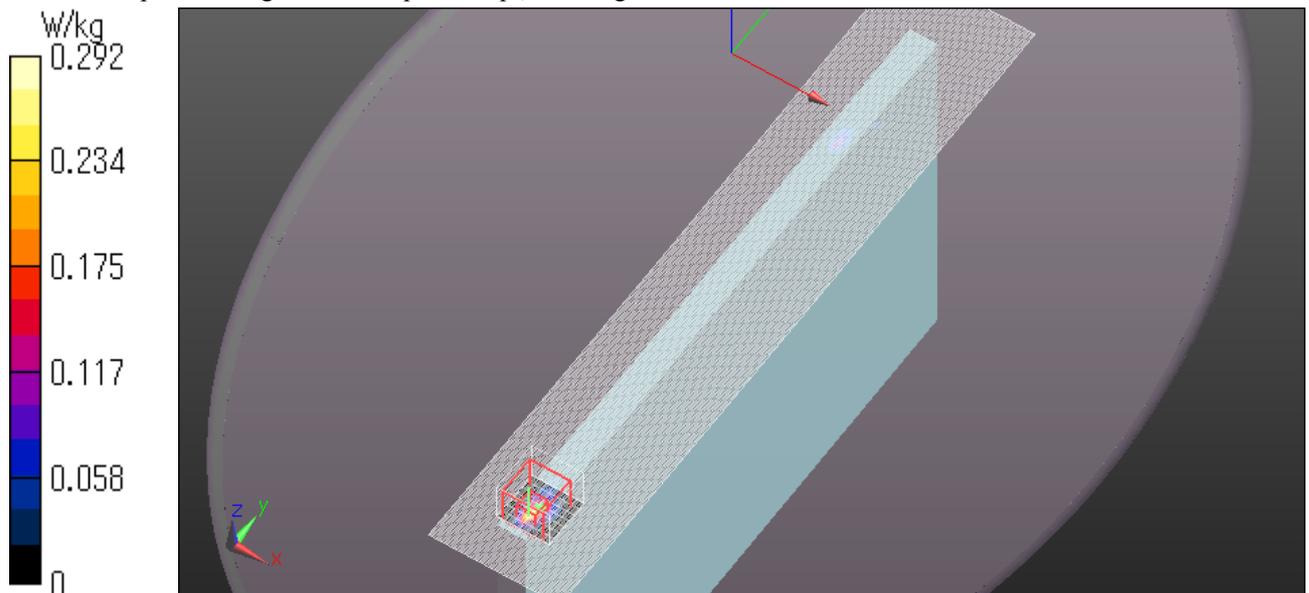
Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.292 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5270MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.839$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.34, 4.34, 4.34); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.199 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.239 V/m; Power Drift = 0.16 dB

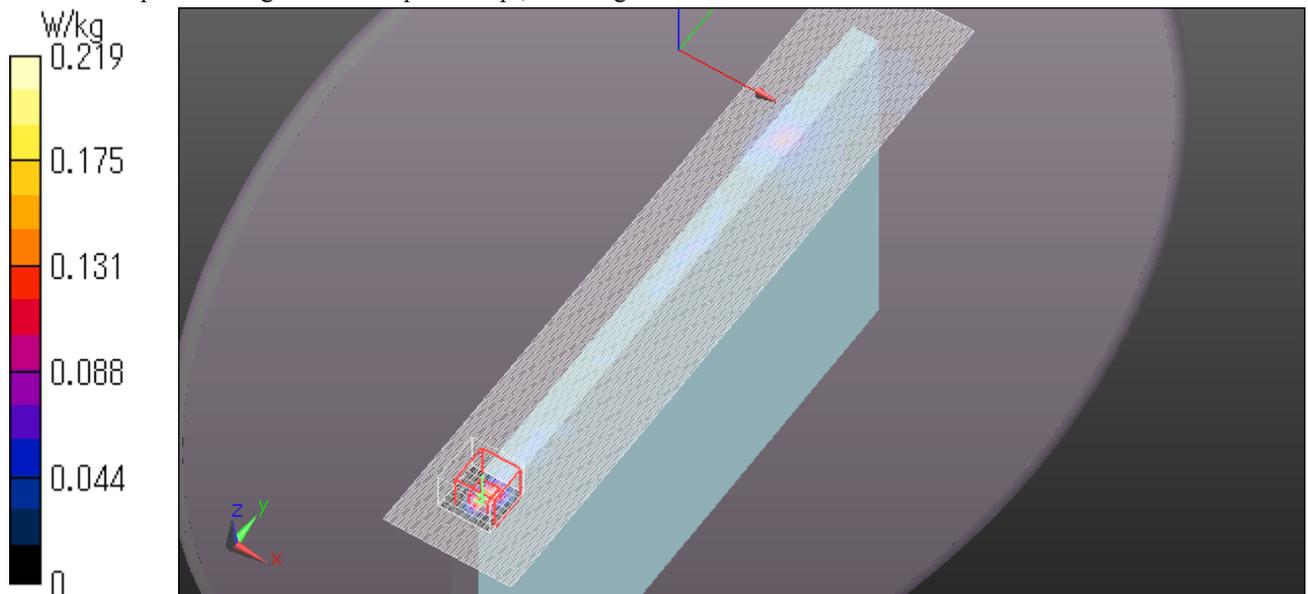
Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.219 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



ix) WLAN 5500MHz-5700MHz

[5.8GHz band]

AK8SVD132A1WL WLAN 11a 6Mbps 5540MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5540 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5540$ MHz; $\sigma = 5.784$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.691 V/m; Power Drift = 0.10 dB

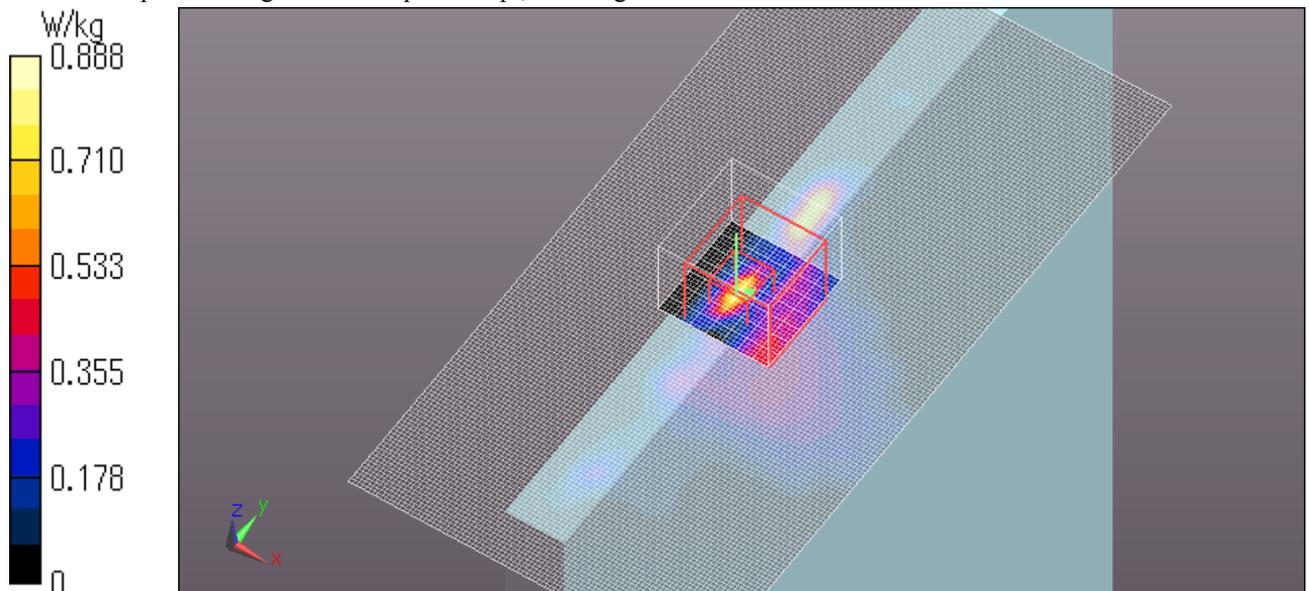
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.888 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5540MHz Rear 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5540 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5540$ MHz; $\sigma = 5.784$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (181x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0103 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.901 V/m; Power Drift = 0.10 dB

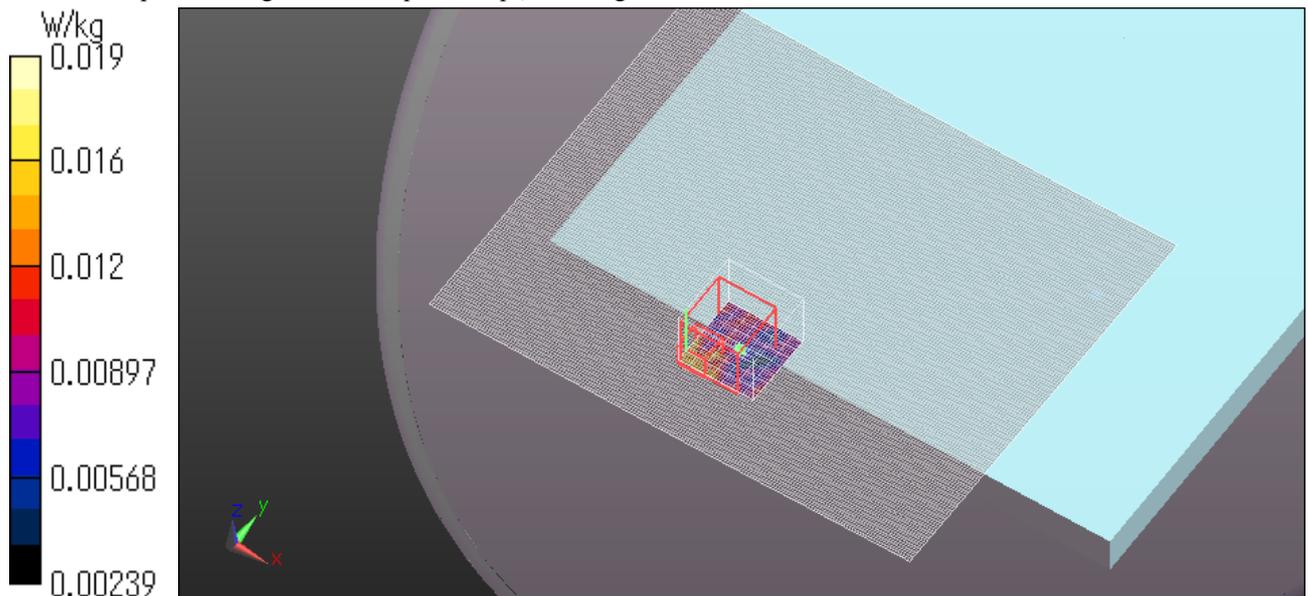
Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00586 W/kg

Maximum value of SAR (measured) = 0.0188 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5540MHz Bottom(Laptop) 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5540 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5540$ MHz; $\sigma = 5.784$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0777 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.295 V/m; Power Drift = -0.11 dB

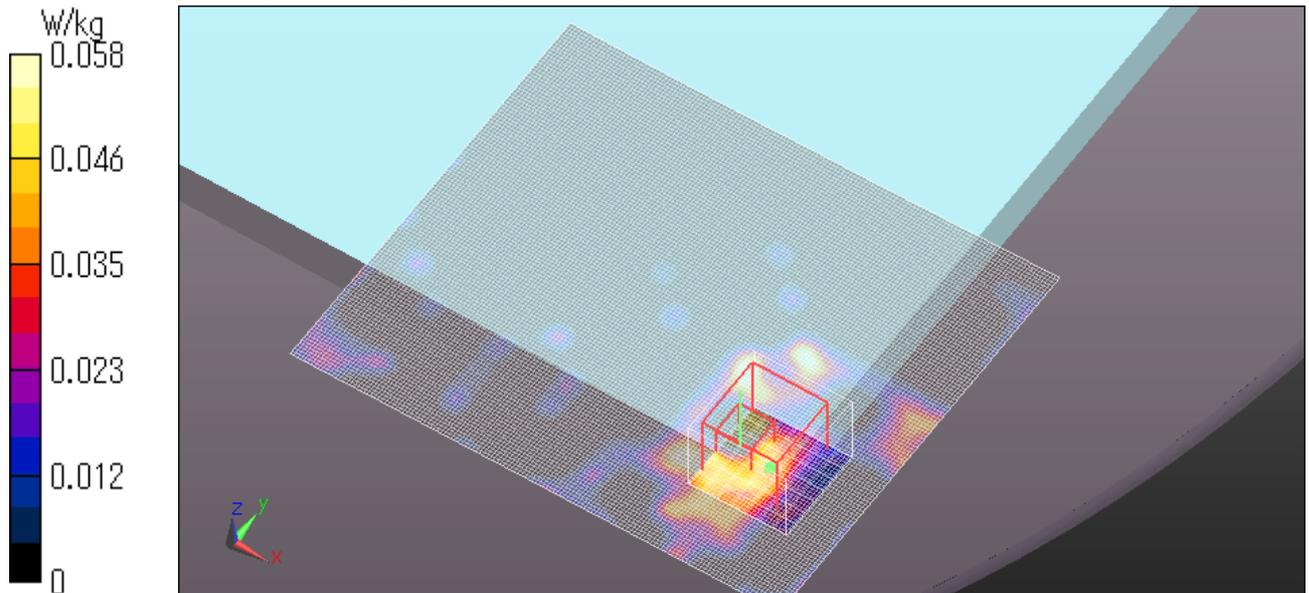
Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0577 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5540MHz Bottom side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5540 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5540$ MHz; $\sigma = 5.784$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.427 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.345V/m; Power Drift = 0.12dB

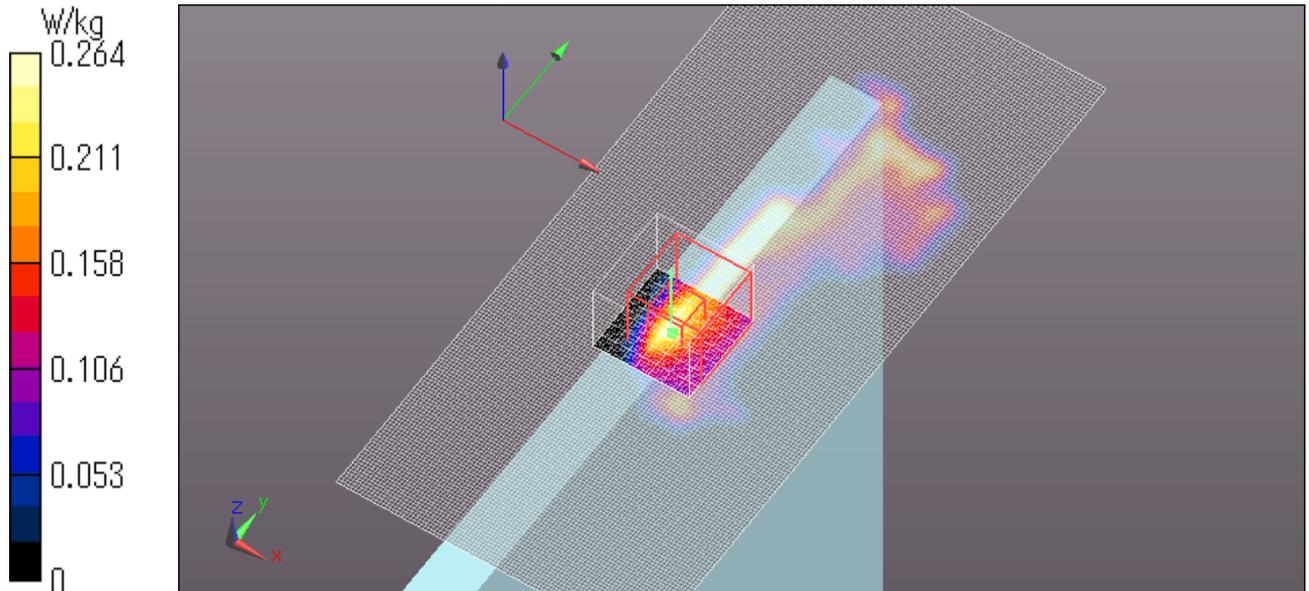
Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.264 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5680MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5680 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5680$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 46.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.17 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.548 V/m; Power Drift = 0.18 dB

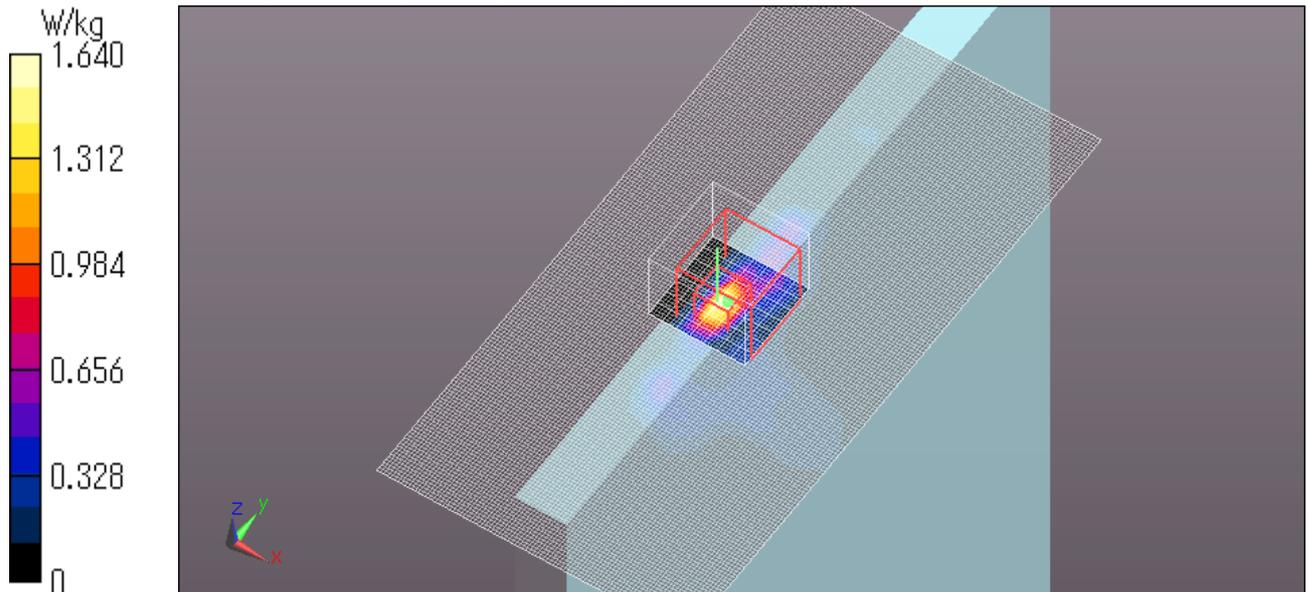
Peak SAR (extrapolated) = 5.17 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS0 5590MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5590 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 5.862$ mho/m; $\epsilon_r = 47.053$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS52, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.759 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.999 V/m; Power Drift = 0.20 dB

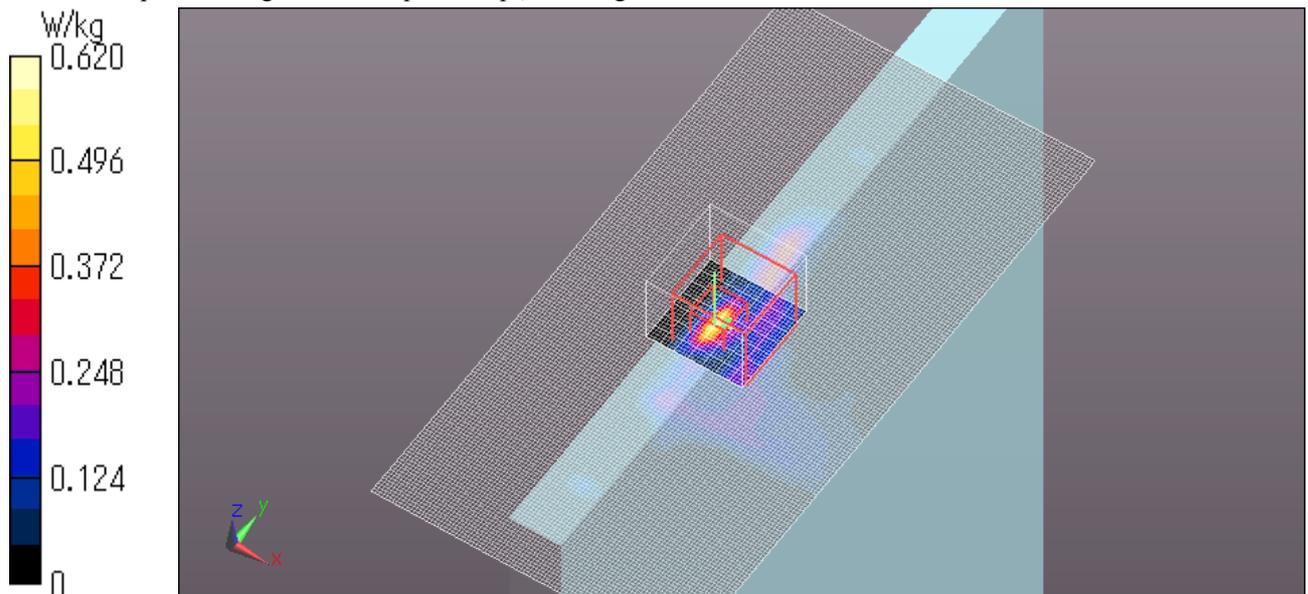
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.046 W/kg

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

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5520MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.753$ mho/m; $\epsilon_r = 47.149$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS52, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.870 W/kg

Area Scan 3 2 (71x21x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.324 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.806 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.493 W/kg

Zoom Scan 2 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.806 V/m; Power Drift = 0.14 dB

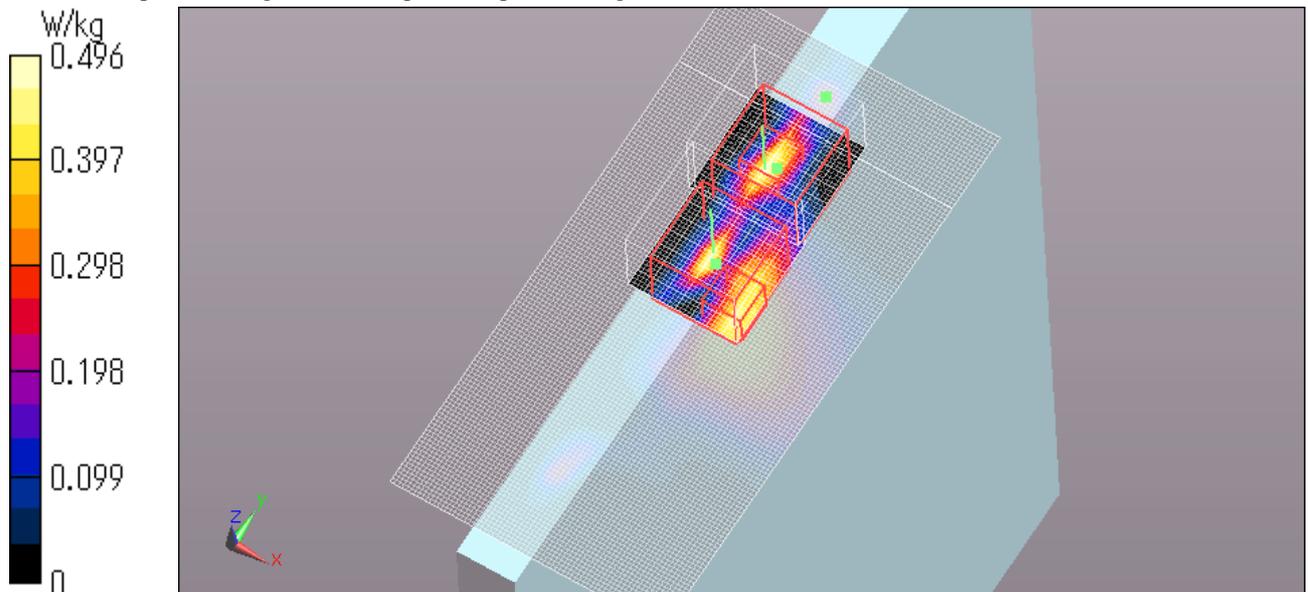
Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.496 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5560MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.890 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.356 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.626 W/kg

Zoom Scan 2 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.356 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.049 W/kg

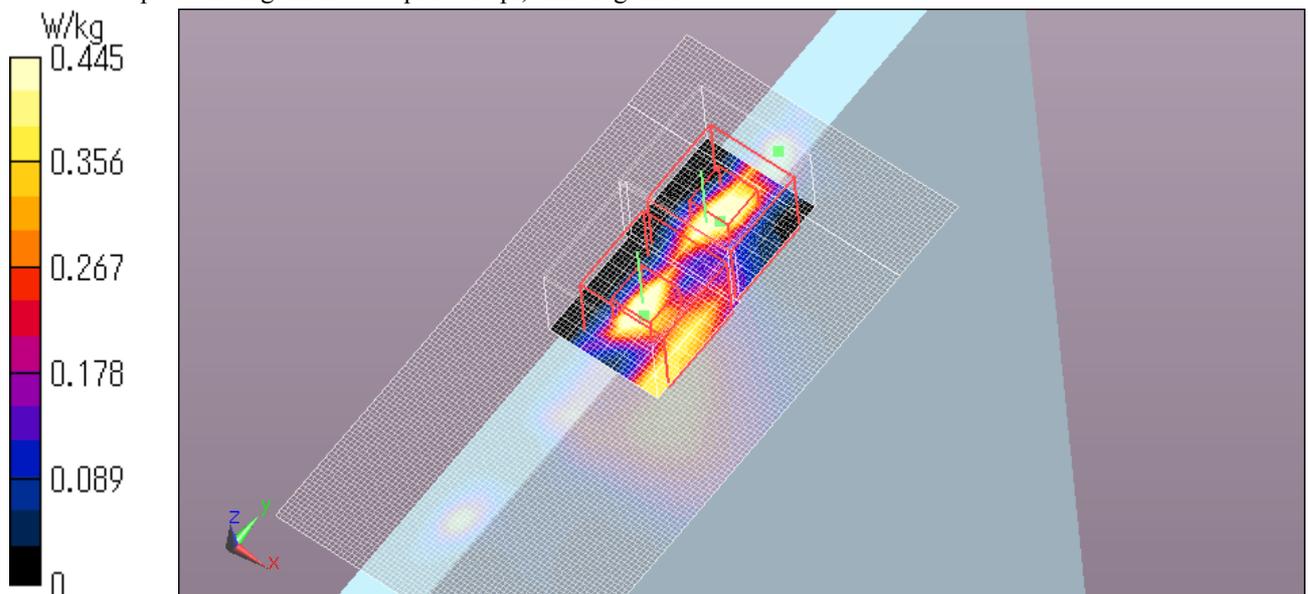
Maximum value of SAR (measured) = 0.553 W/kg

Area Scan 3 2 (71x21x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.445 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5620MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5620$ MHz; $\sigma = 5.886$ mho/m; $\epsilon_r = 46.977$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.305 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.305 V/m; Power Drift = -0.20 dB

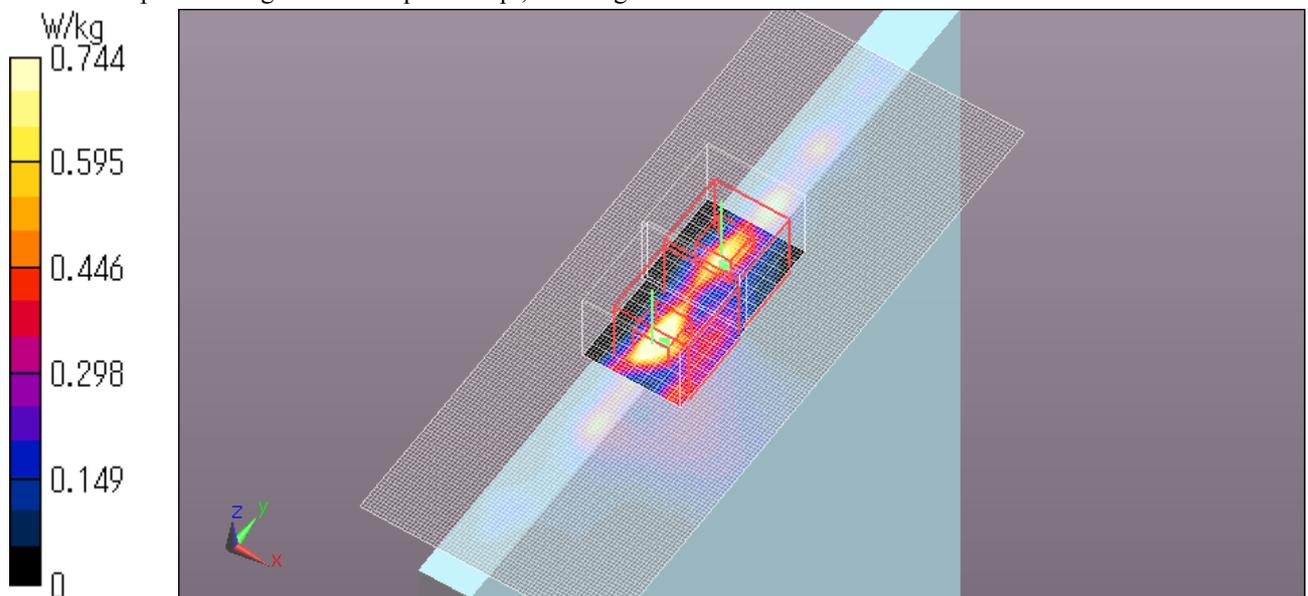
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.744 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1 WLAN 11n 20MHz MCS8 5560MHz Top side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 2 2 2 3 (121x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0511 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.616 V/m; Power Drift = 0.12 dB

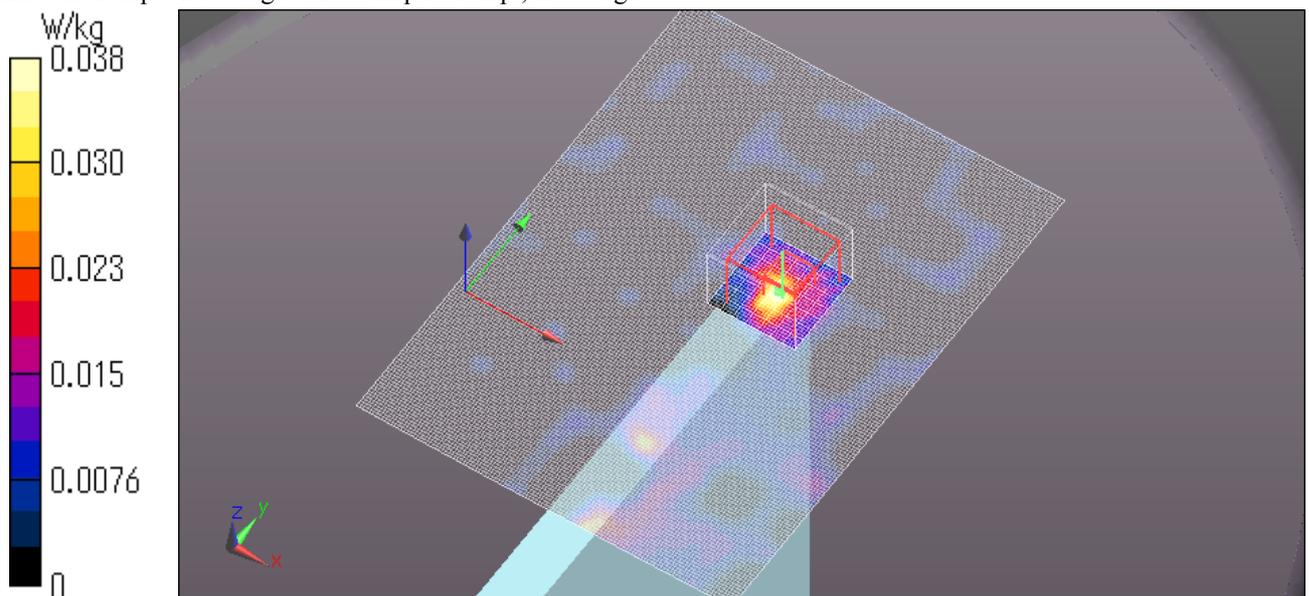
Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00506 W/kg

Maximum value of SAR (measured) = 0.0380 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5560MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.206 V/m; Power Drift = -0.18 dB

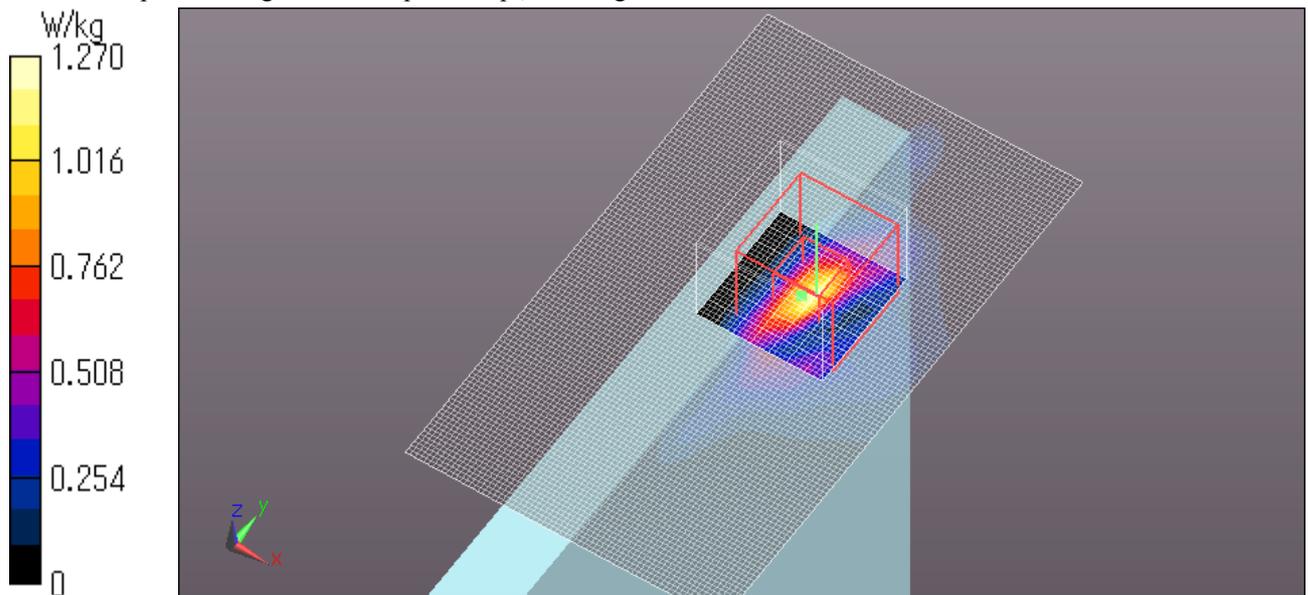
Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.130 W/kg

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

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5560MHz Rear 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; $\{Probe: Calibration Date\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0357 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.060 V/m; Power Drift = -0.13 dB

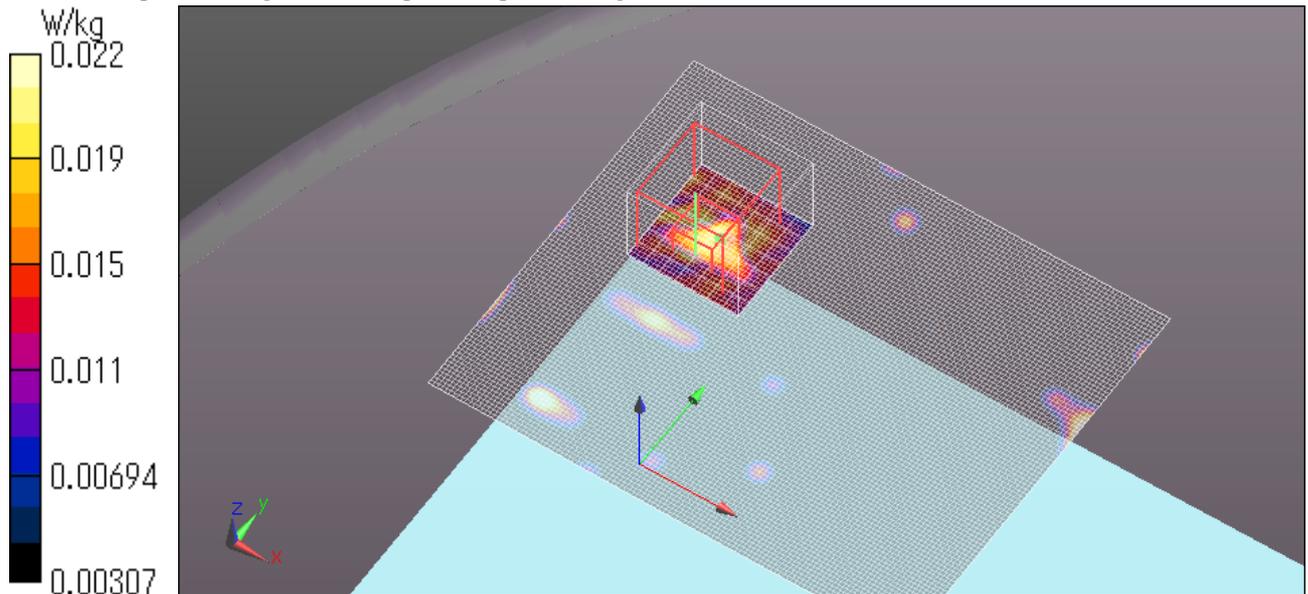
Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00897 W/kg

Maximum value of SAR (measured) = 0.0224 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5560MHz Bottom(Laptop) 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0708 W/kg

Area Scan 2 (11x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0307 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.814 V/m; Power Drift = -0.14 dB

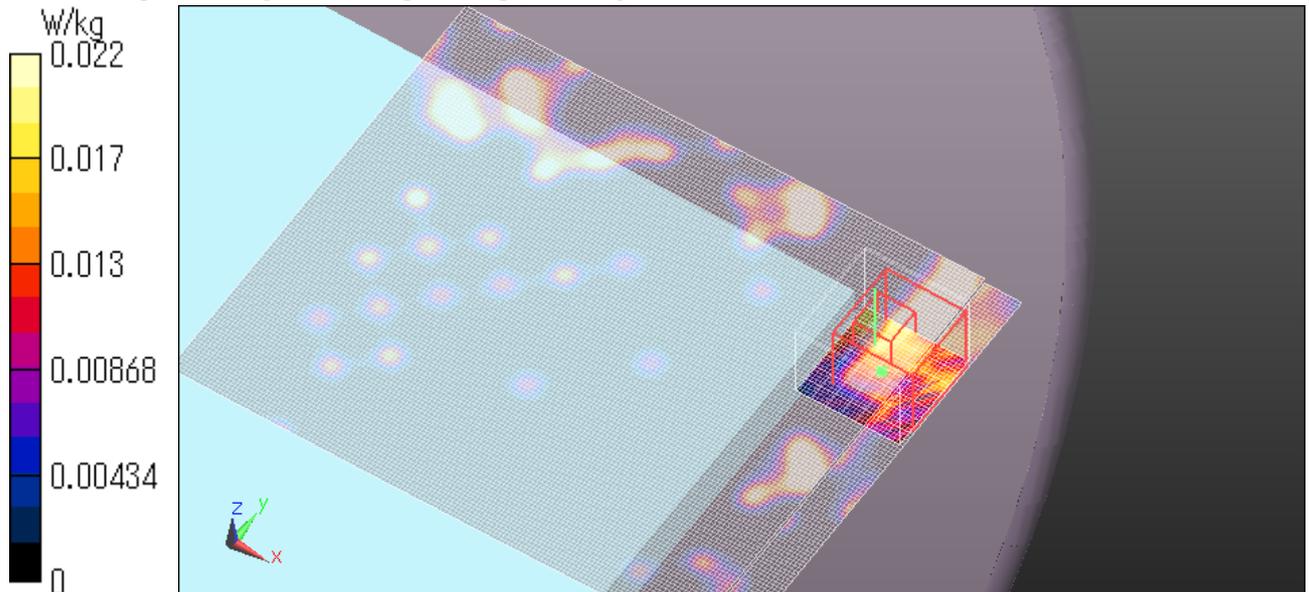
Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.00661 W/kg; SAR(10 g) = 0.00282 W/kg

Maximum value of SAR (measured) = 0.0217 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5560MHz Bottom side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 2 3 2 2 (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.540 V/m; Power Drift = -0.12 dB

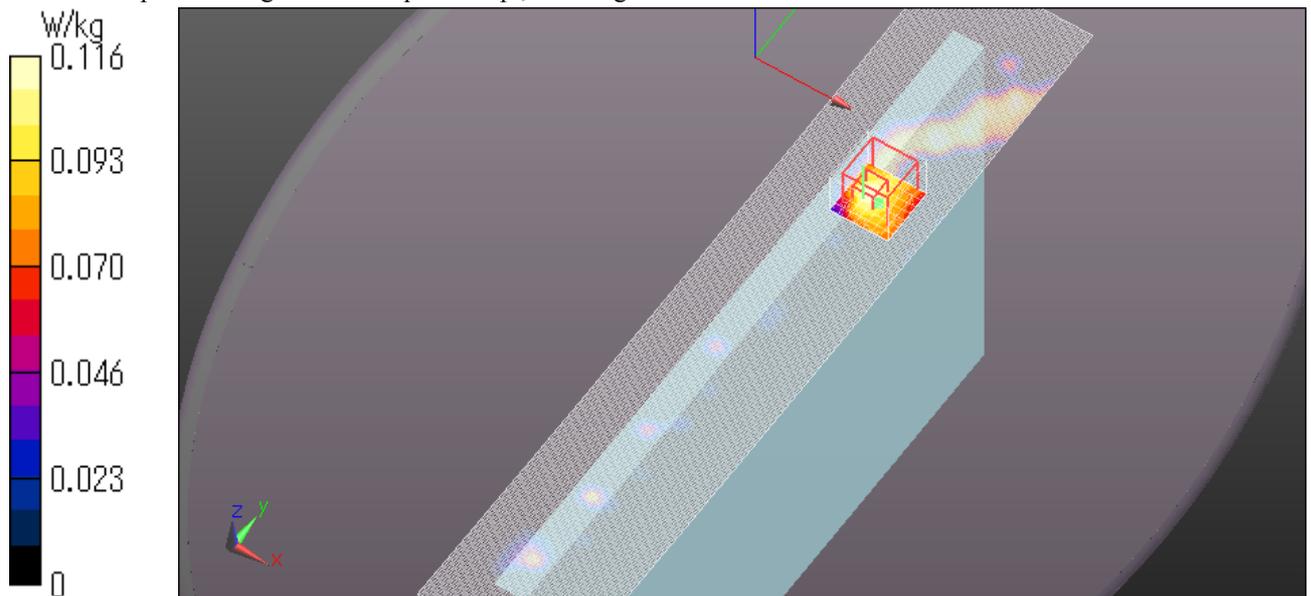
Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.116 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



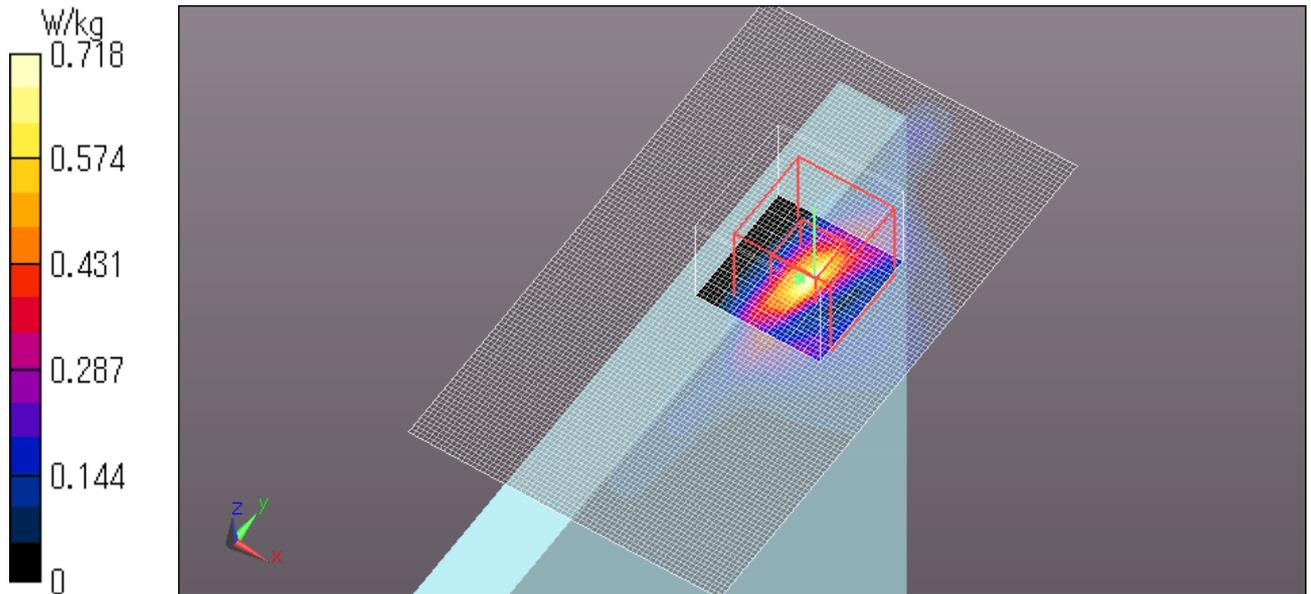
AK8SVD132A1WL WLAN 11n 40MHz MCS8 5630MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5630 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5630$ MHz; $\sigma = 5.895$ mho/m; $\epsilon_r = 46.941$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; $\{Probe: Calibration Date\}$
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2012/07/13
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.585 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.698 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.718 W/kg
Date: 2013/04/20
Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5520MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5520$ MHz; $\sigma = 5.753$ mho/m; $\epsilon_r = 47.149$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/12/10; $\{$ Probe: Calibration Date $\}$

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.360 V/m; Power Drift = -0.15 dB

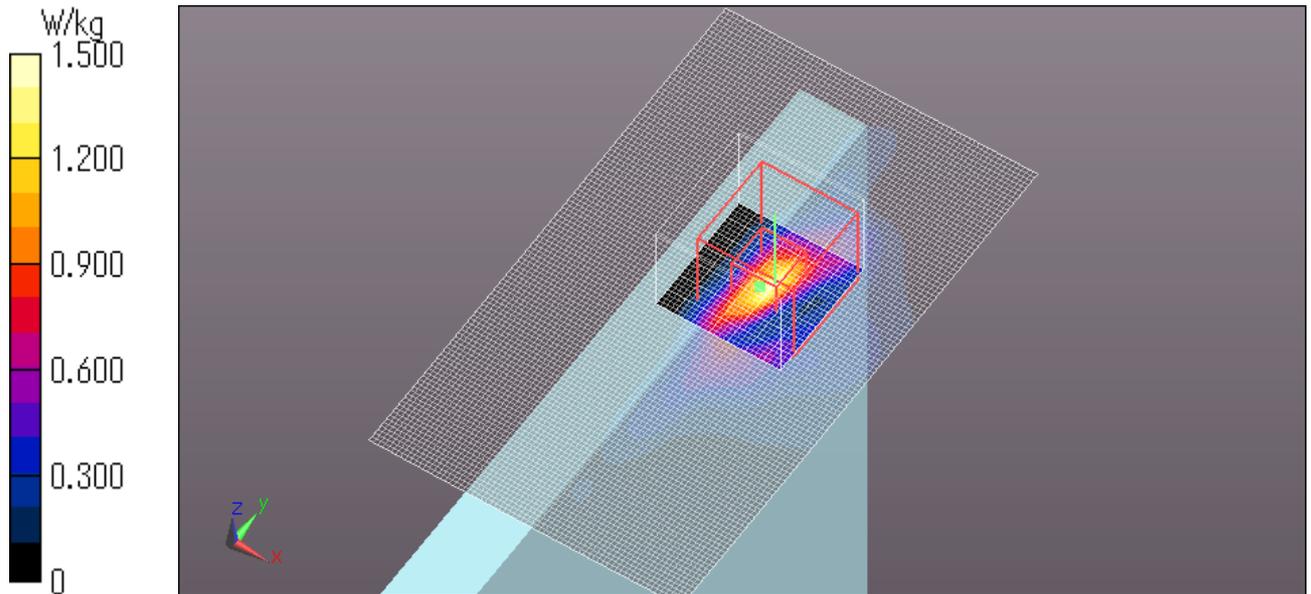
Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 1.50 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5640MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5680 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5680$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 46.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.927 V/m; Power Drift = -0.10 dB

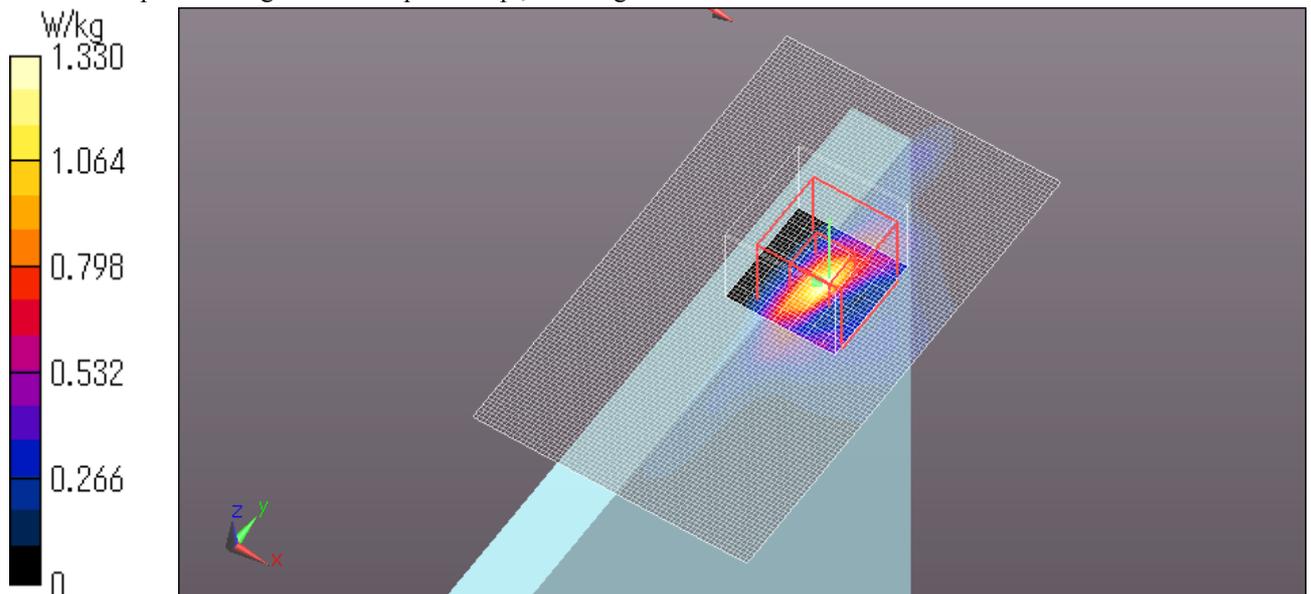
Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 1.33 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5680MHz Left side 0mm Ant.1

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Mid; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 46.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.529 V/m; Power Drift = 0.10 dB

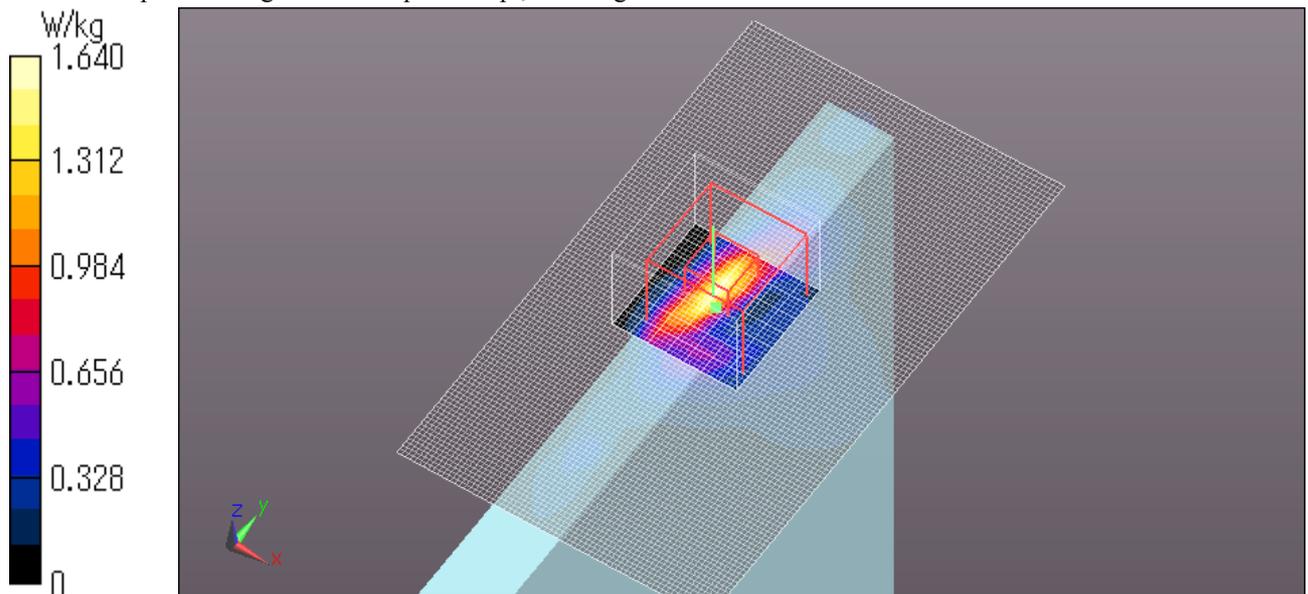
Peak SAR (extrapolated) = 4.13 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5680MHz Left side 0mm Ant.1 Repeat

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Mid; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 46.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (3);

Area Scan 3 (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.580 V/m; Power Drift = -0.18 dB

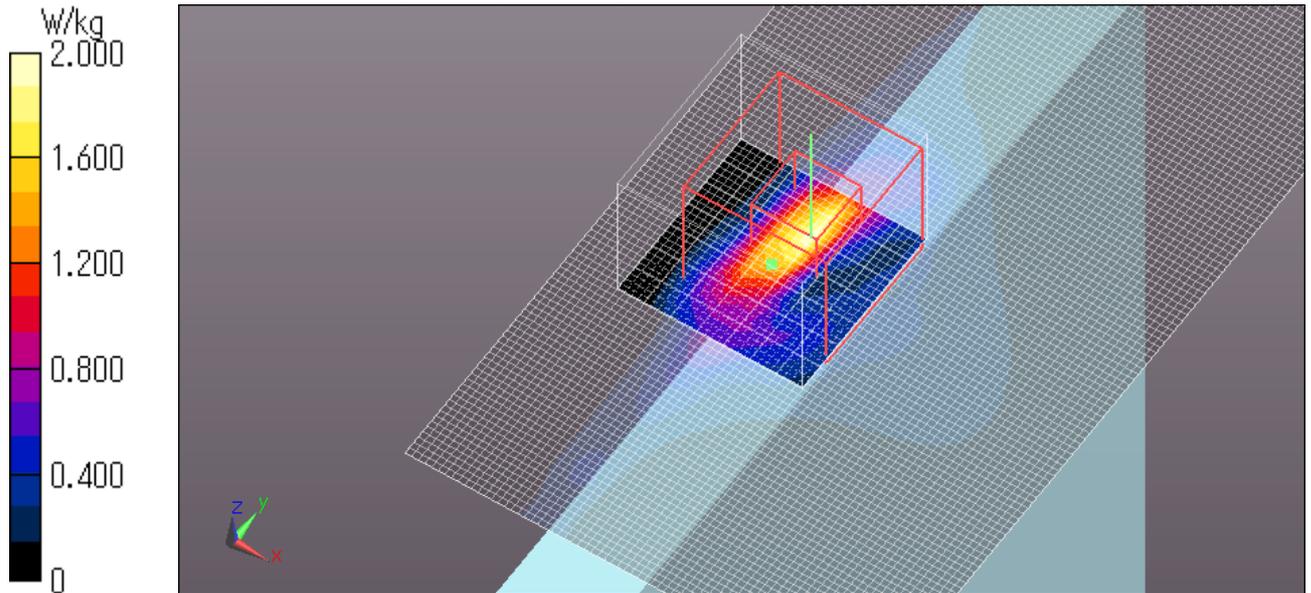
Peak SAR (extrapolated) = 5.45 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 2.00 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at Maximum Body SAR position in WLAN 5500MHz – 5700MHz

AK8SVD132A1WL WLAN 11n 20MHz MCS8 5680MHz Left side 0mm Ant.1 Repeat

Communication System: WLAN 5GHz; Communication System Band: WLAN 5GHz Mid; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 46.84$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; {Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

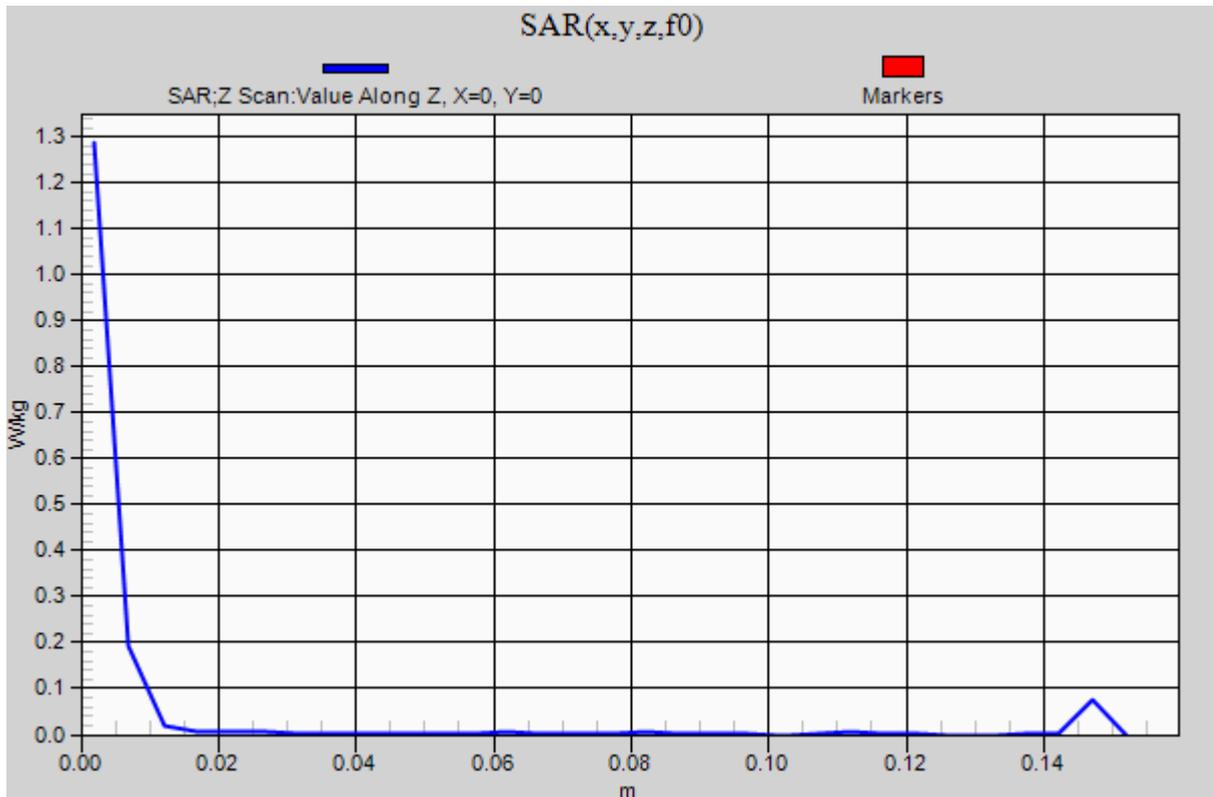
Measurement SW: DASYS2, Version 52.8 (3);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.29 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5560MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5560$ MHz; $\sigma = 5.823$ mho/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 2 3 2 2 (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.540 V/m; Power Drift = -0.12 dB

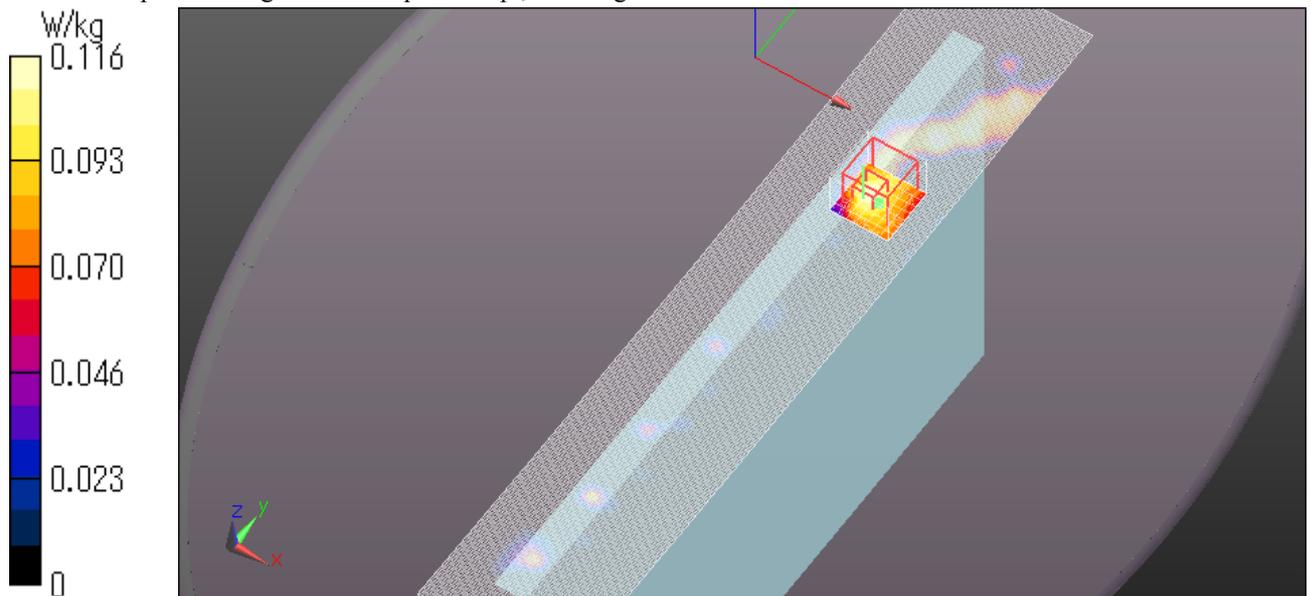
Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.116 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5630MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5630 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5630$ MHz; $\sigma = 5.895$ mho/m; $\epsilon_r = 46.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.85, 3.85, 3.85); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan 2 3 2 2 (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.652 V/m; Power Drift = 0.10 dB

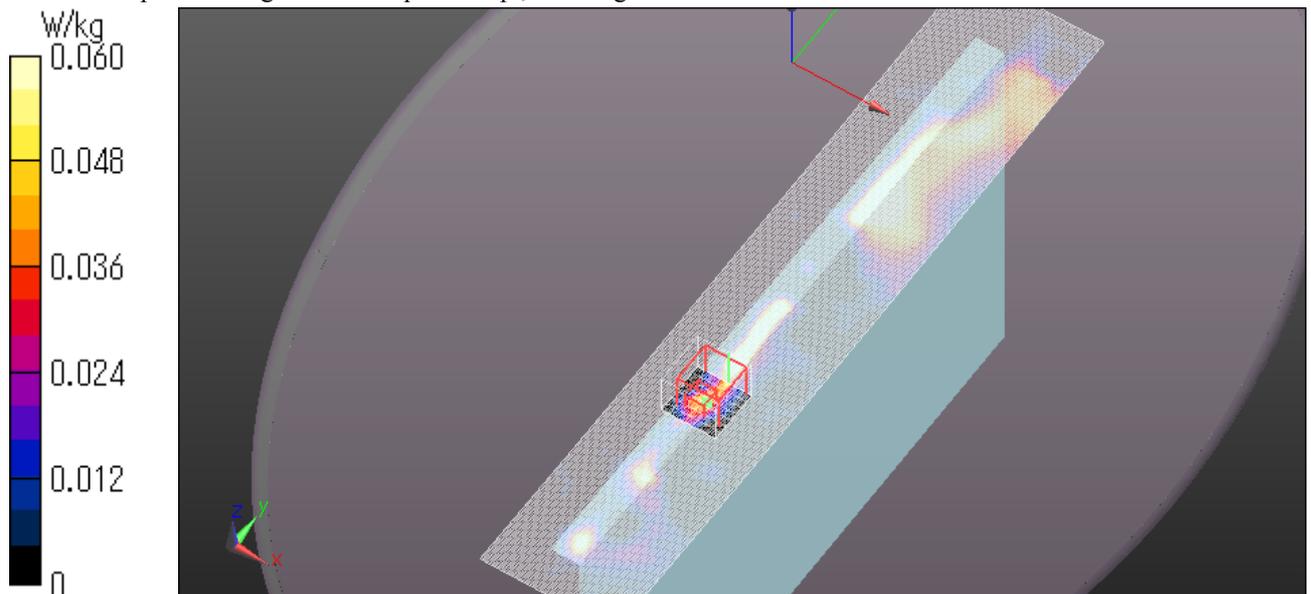
Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00518 W/kg

Maximum value of SAR (measured) = 0.0597 W/kg

Date: 2013/04/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



x) **WLAN 5745MHz-5825MHz**

[5.8GHz band]

AK8SVD132A1WL WLAN 11a 6Mbps 5805MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.209$ mho/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.723 V/m; Power Drift = 0.10 dB

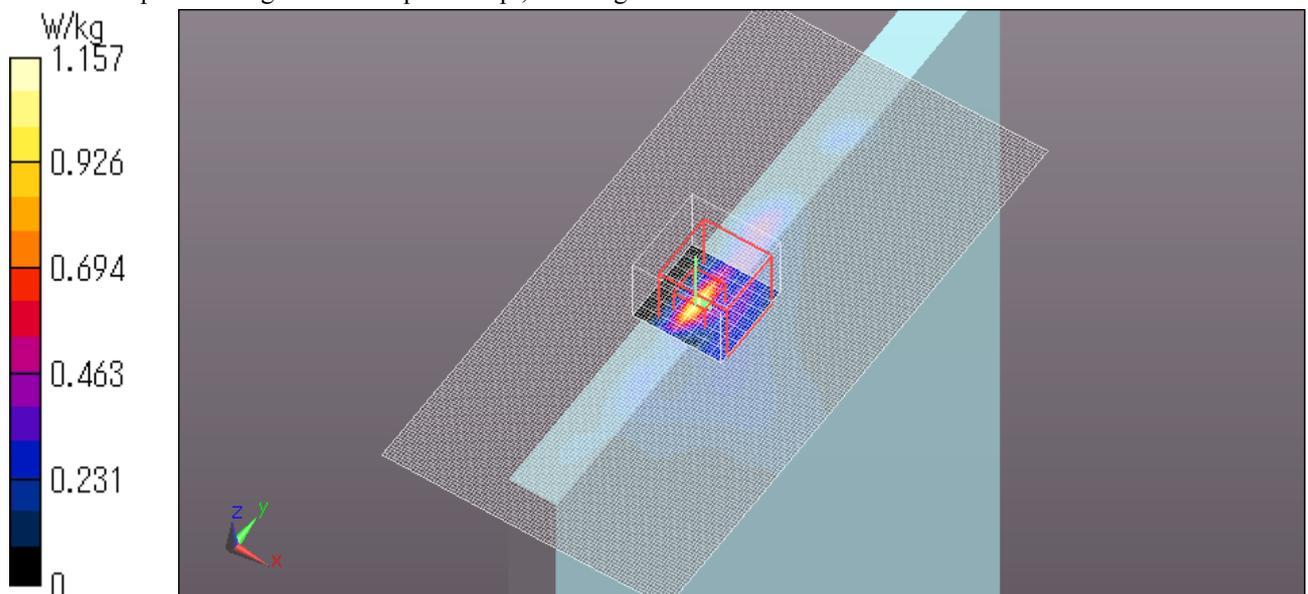
Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5805MHz Rear 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.209$ mho/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (181x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0469 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.931 V/m; Power Drift = 0.18 dB

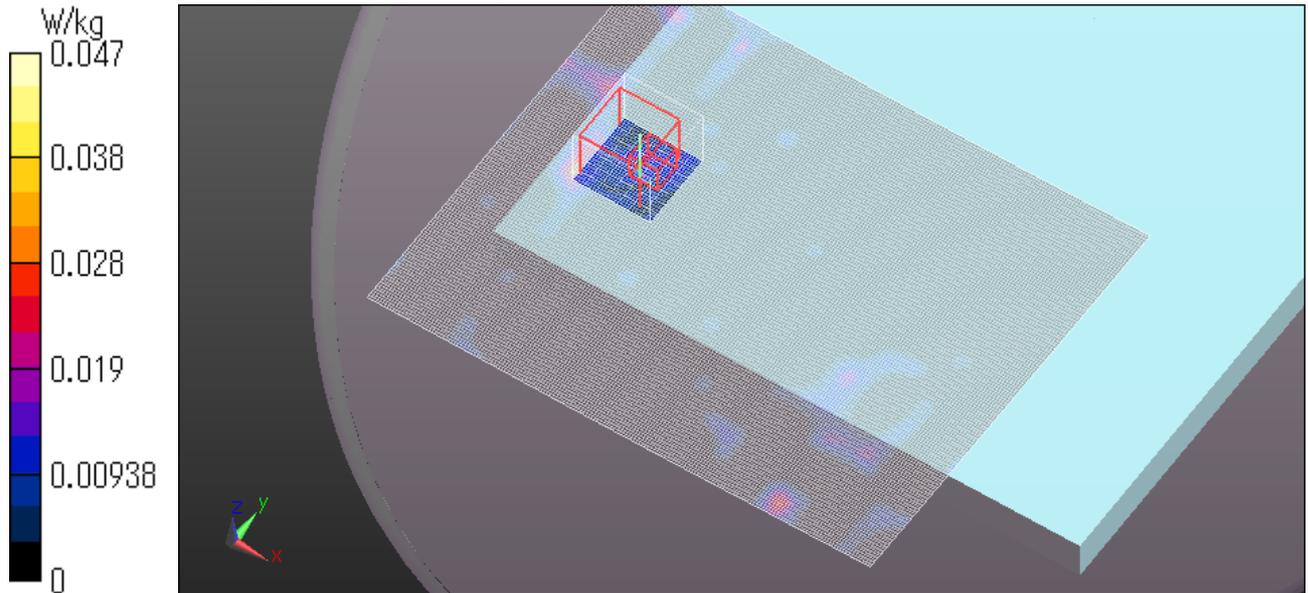
Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.00337 W/kg; SAR(10 g) = 0.0013 W/kg

Maximum value of SAR (measured) = 0.0147 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5805MHz Bottom(Laptop) 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.209$ mho/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0724 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.032 V/m; Power Drift = -0.10 dB

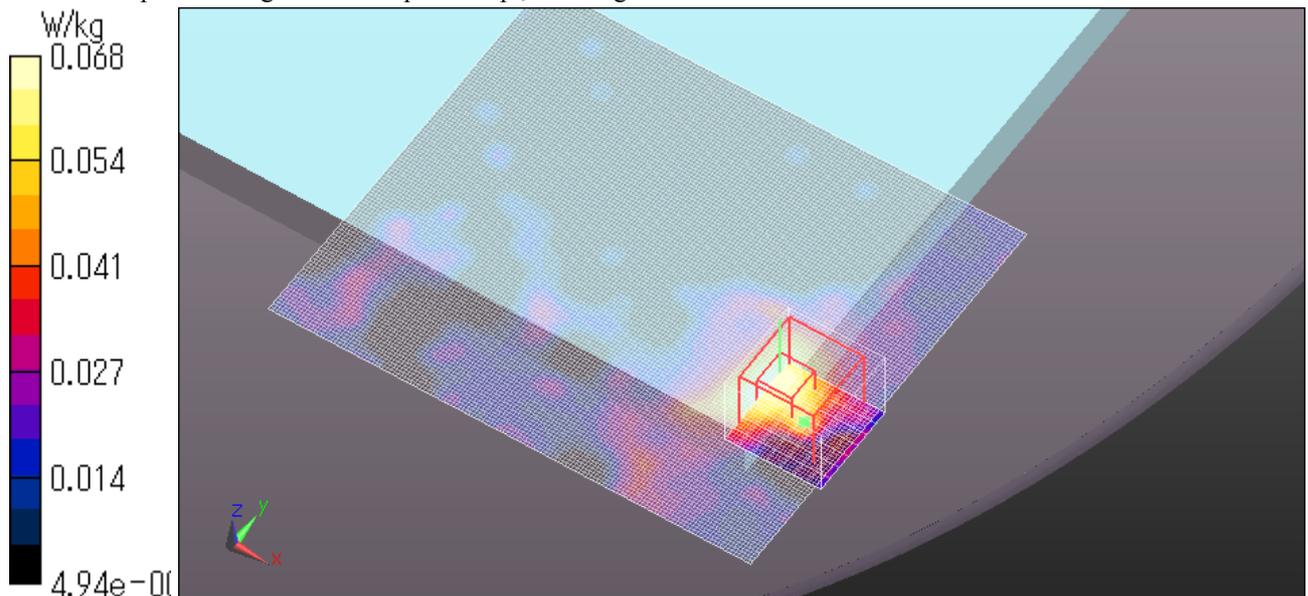
Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0675 W/kg

Date: 2013/04/21

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11a 6Mbps 5805MHz Bottom side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5805 \text{ MHz}$; $\sigma = 6.209 \text{ mho/m}$; $\epsilon_r = 46.188$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x201x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.561 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.111 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.497 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.111 V/m; Power Drift = 0.19 dB

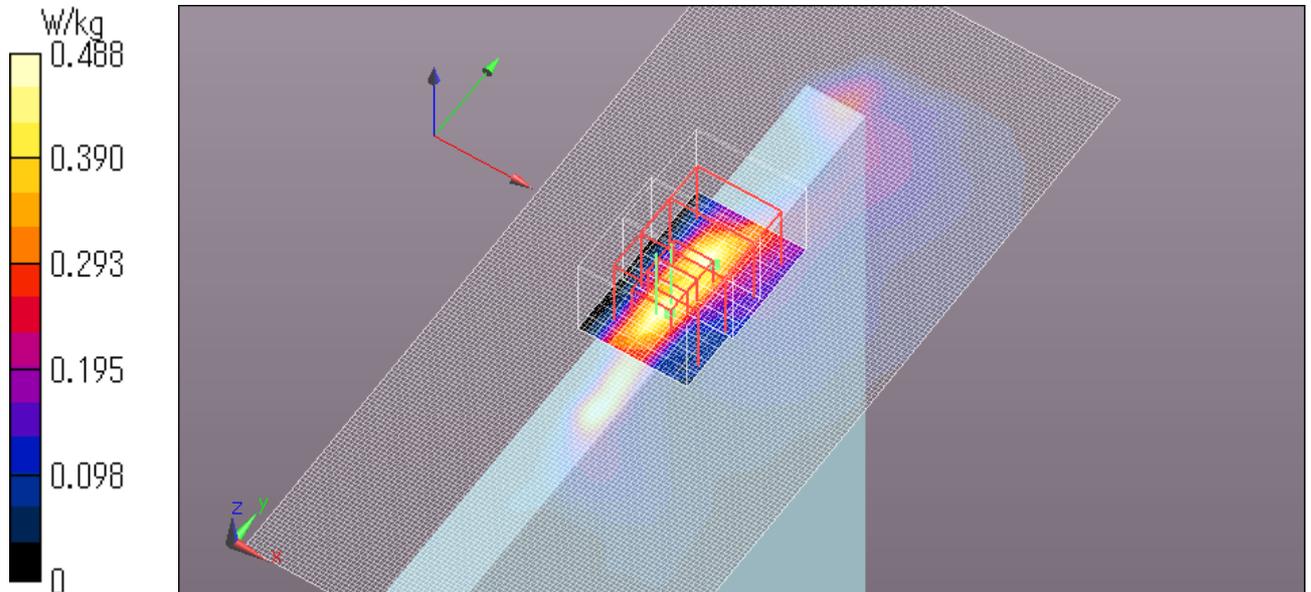
Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.488 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS0 5805MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.209$ mho/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.152 V/m; Power Drift = 0.15 dB

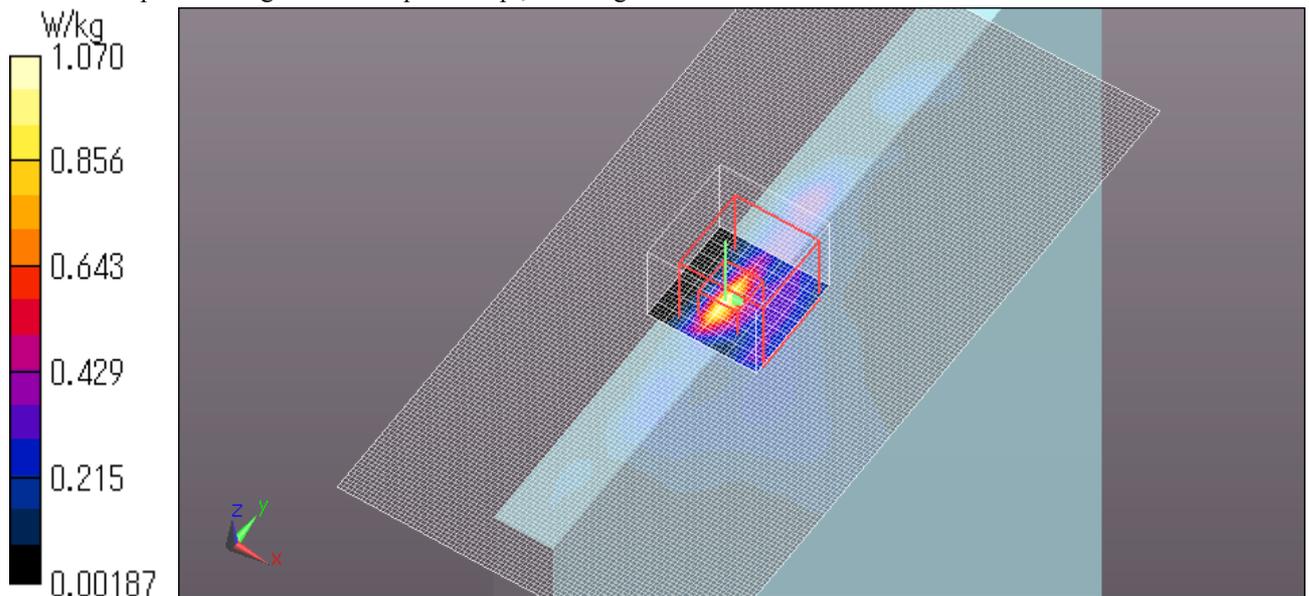
Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.099 W/kg

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

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS0 5795MHz Right side 0mm Ant.0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (91x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.325 V/m; Power Drift = 0.12 dB

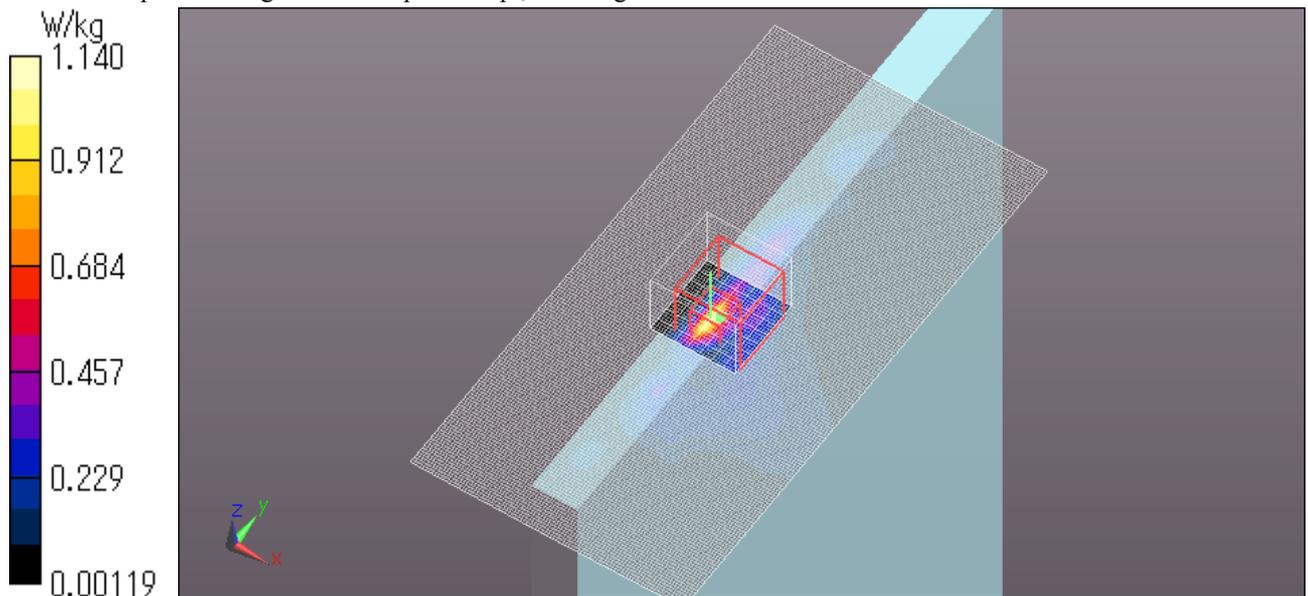
Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 1.14 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1 WLAN 11n 20MHz MCS8 5785MHz Top side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (121x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0374 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.947 V/m; Power Drift = 0.10 dB

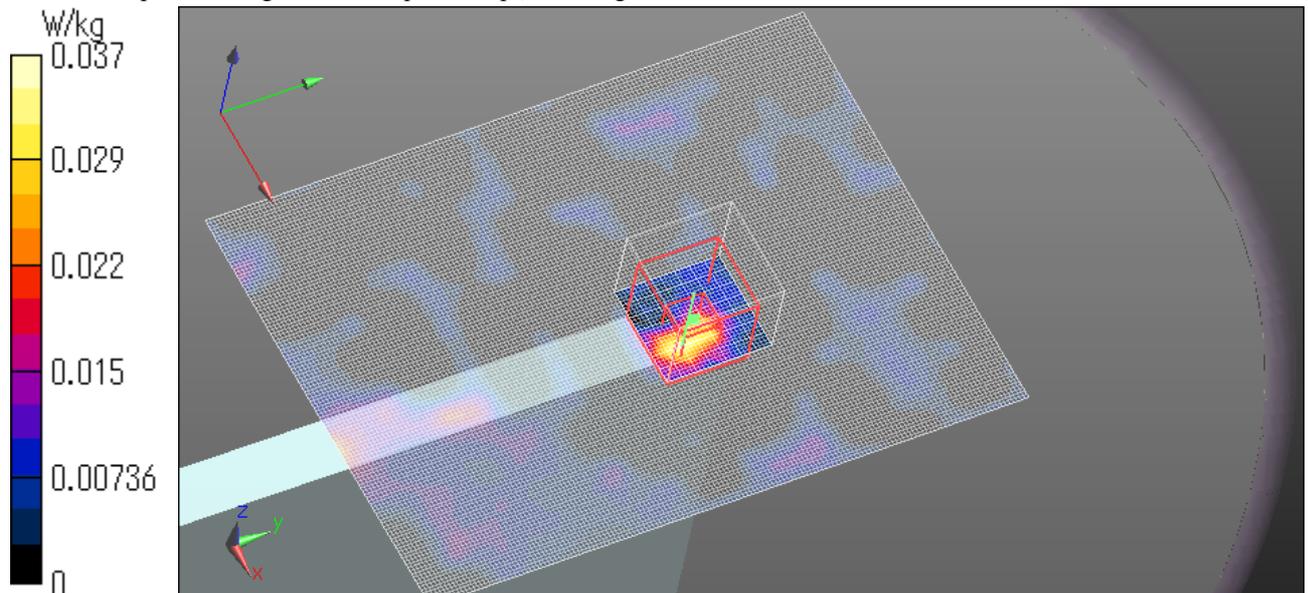
Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00397 W/kg

Maximum value of SAR (measured) = 0.0368 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5785MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.07 W/kg

Zoom Scan 2 (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.505 V/m; Power Drift = 0.14 dB

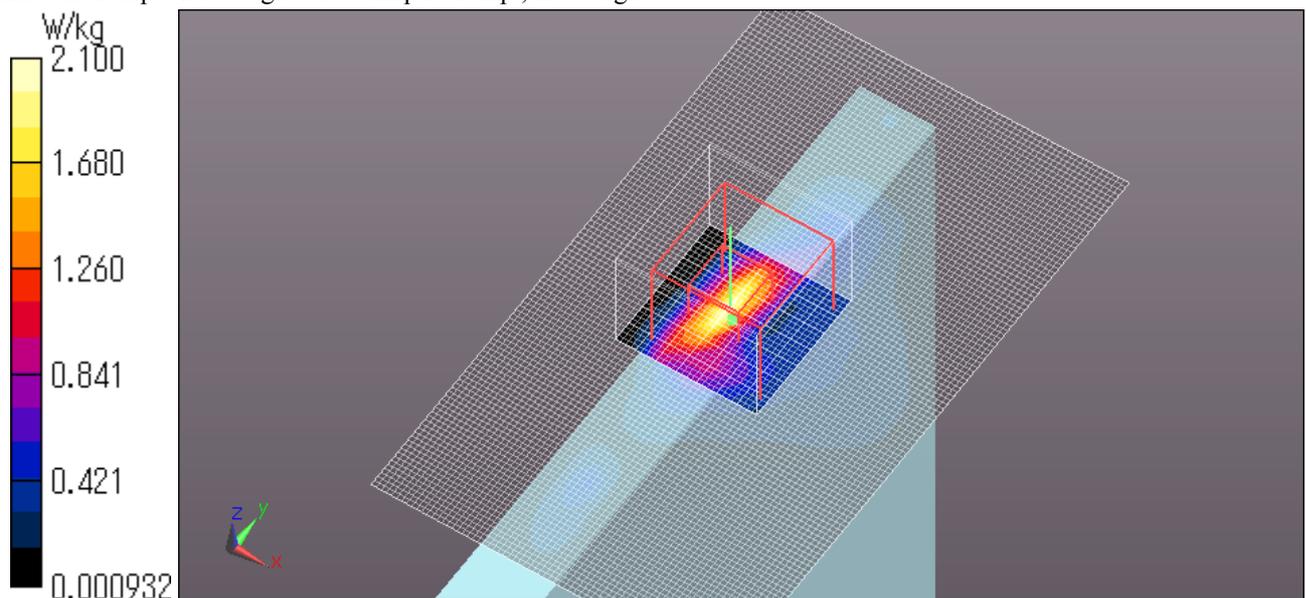
Peak SAR (extrapolated) = 4.84 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 2.10 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5785MHz Rear 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (151x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0397 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = -0.14 dB

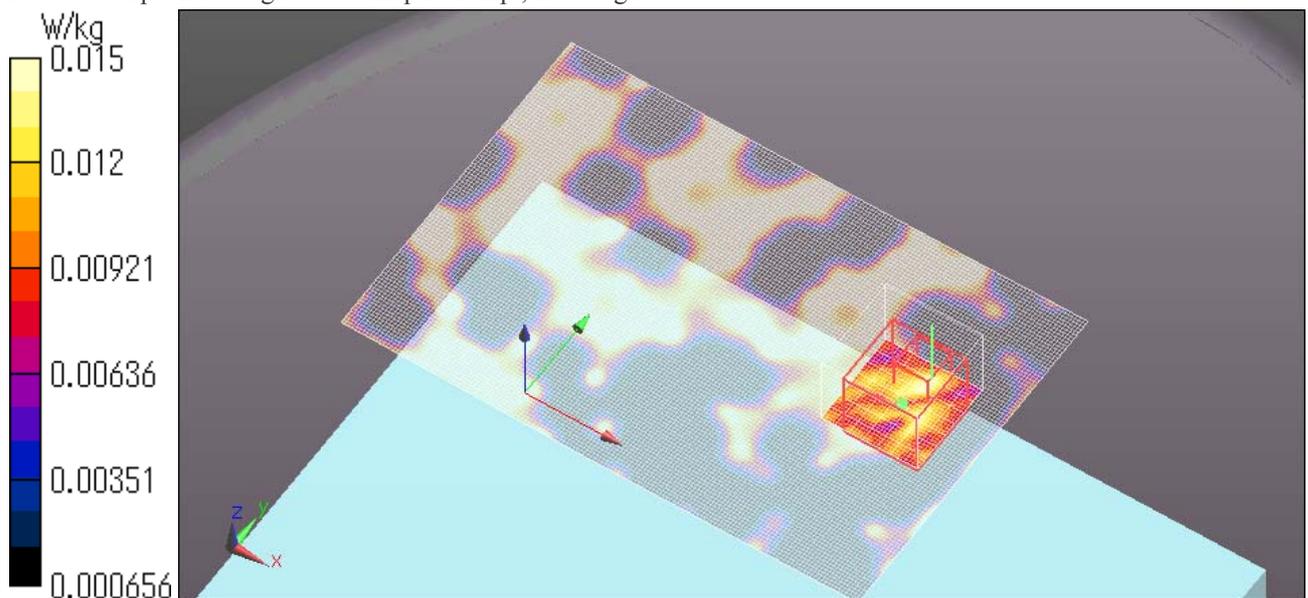
Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.00954 W/kg; SAR(10 g) = 0.00523 W/kg

Maximum value of SAR (measured) = 0.0149 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5785MHz Bottom(Laptop) 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; $\{\text{Probe: Calibration Date}\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0491 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.823 V/m; Power Drift = 0.10 dB

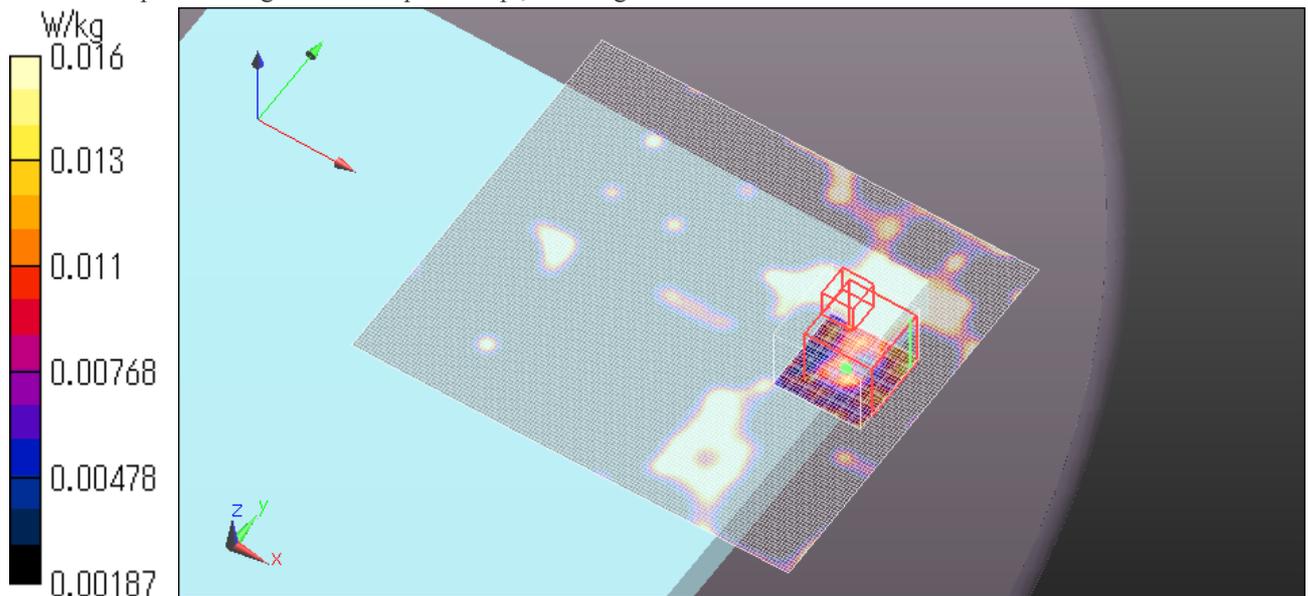
Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.00635 W/kg; SAR(10 g) = 0.0039 W/kg

Maximum value of SAR (measured) = 0.0164 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5785MHz Bottom side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.074 V/m; Power Drift = 0.13 dB

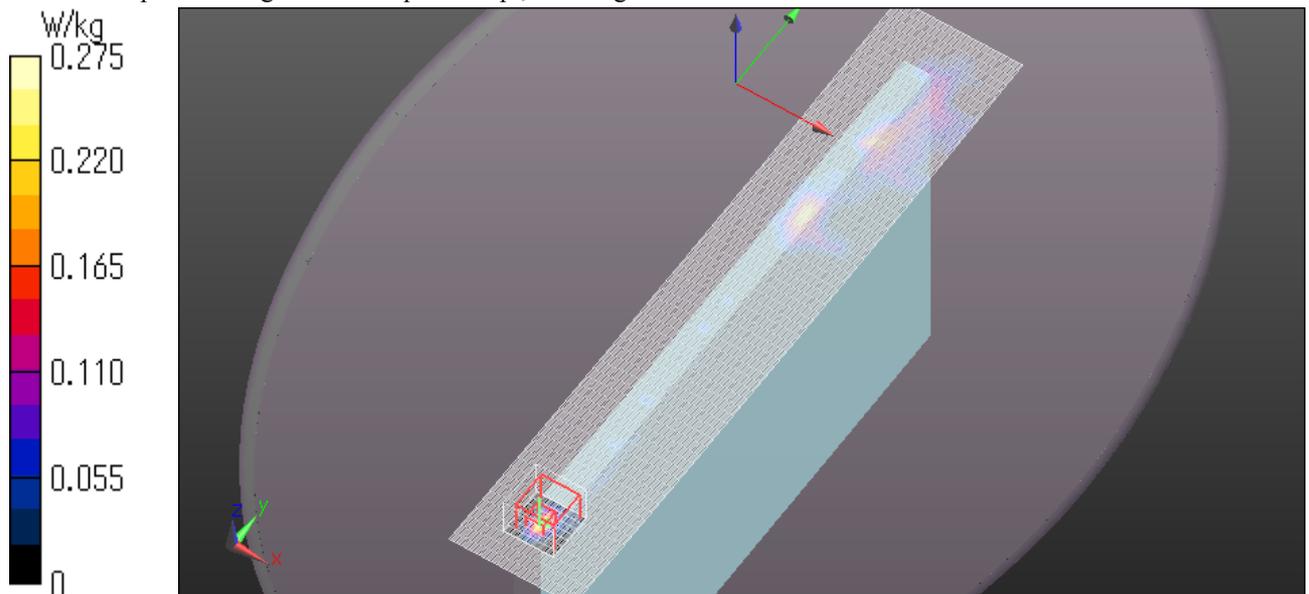
Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.275 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5795MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.363 V/m; Power Drift = 0.05 dB

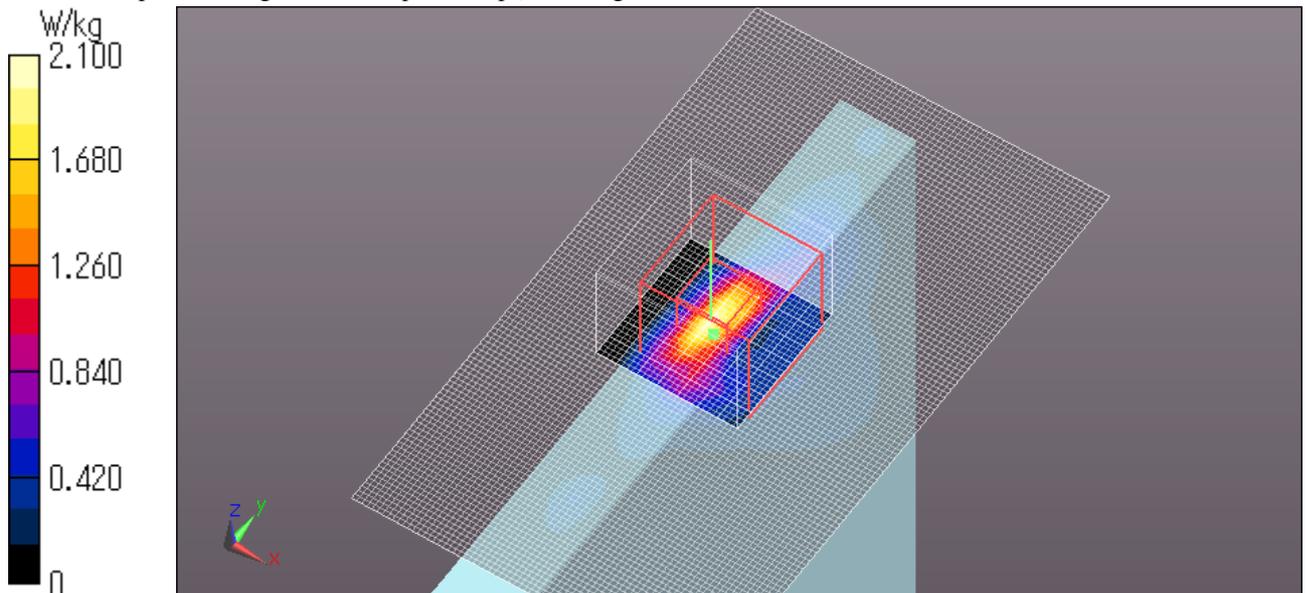
Peak SAR (extrapolated) = 5.52 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 2.10 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5765MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5765 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.122$ mho/m; $\epsilon_r = 46.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.61 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.043 V/m; Power Drift = -0.15 dB

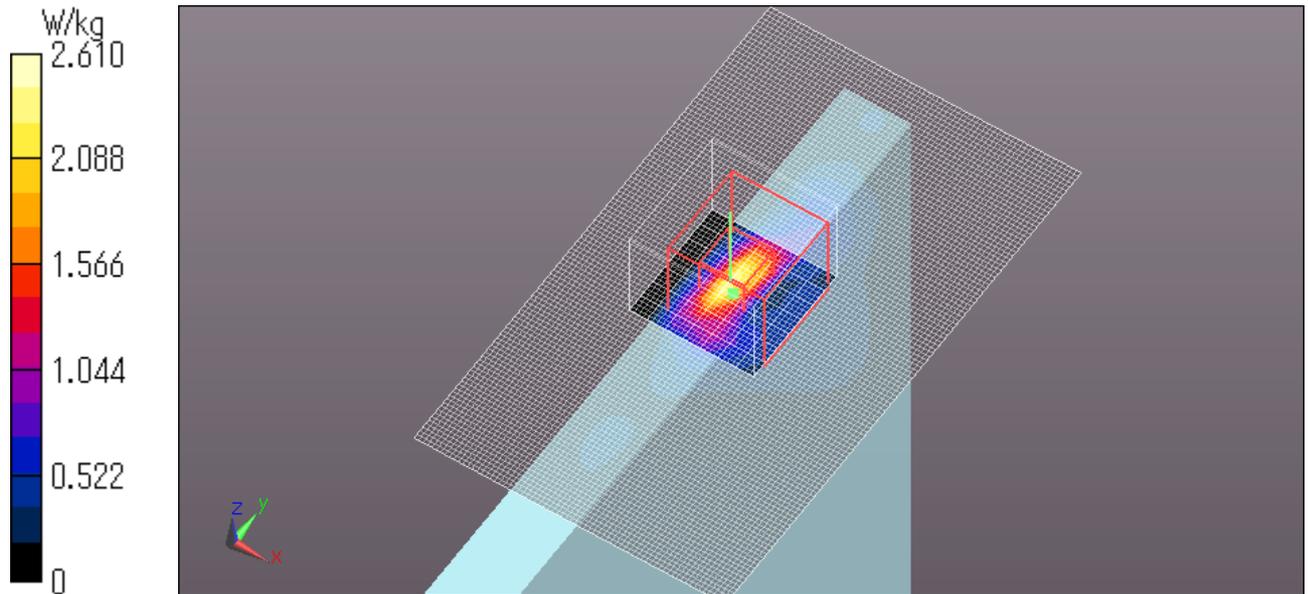
Peak SAR (extrapolated) = 6.71 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 2.52 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at Maximum Body SAR position in WLAN 5745MHz – 5825MHz

AK8SVD132A1WL WLAN 11n 20MHz MCS8 5765MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.122$ mho/m; $\epsilon_r = 46.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

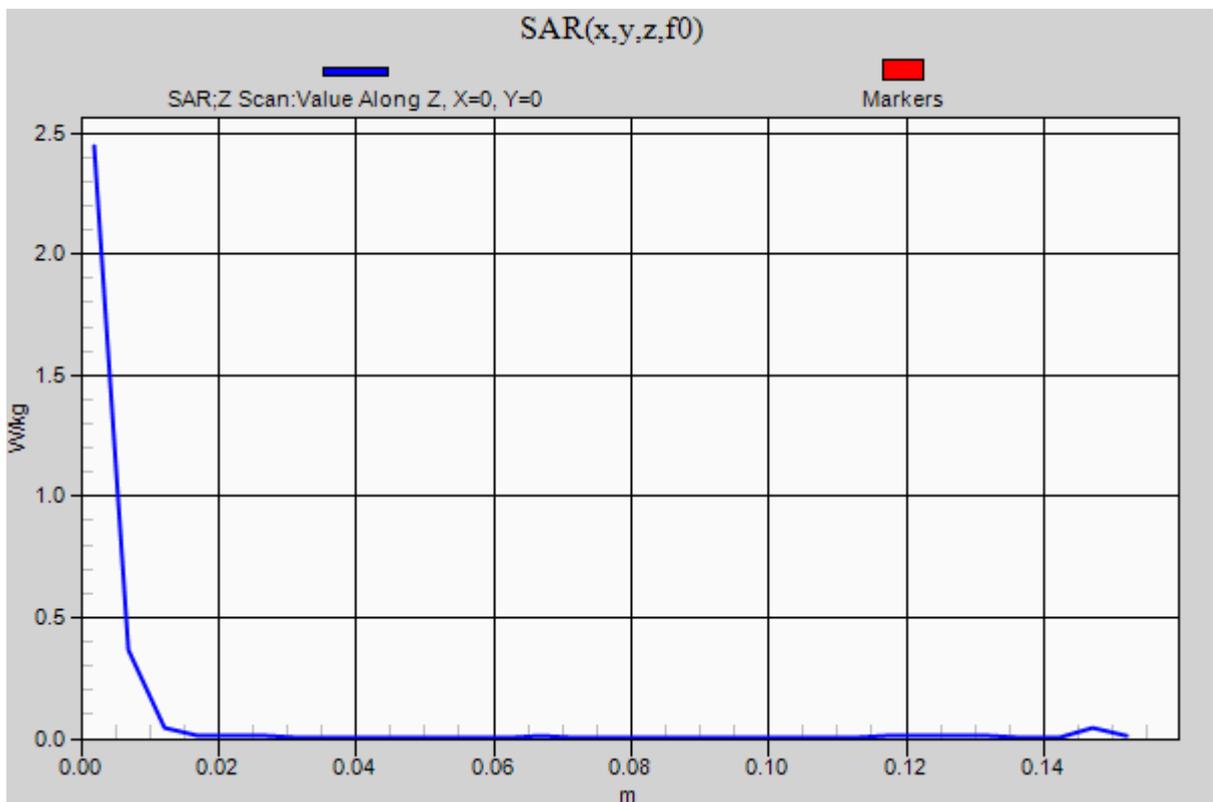
Measurement SW: DASYS2, Version 52.8 (3);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.44 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5805MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5805 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.209$ mho/m; $\epsilon_r = 46.188$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2012/07/13
Phantom: ELI 4.0; Type: QDOVA001BA;
Measurement SW: DASY52, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.59 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.920 V/m; Power Drift = -0.17 dB

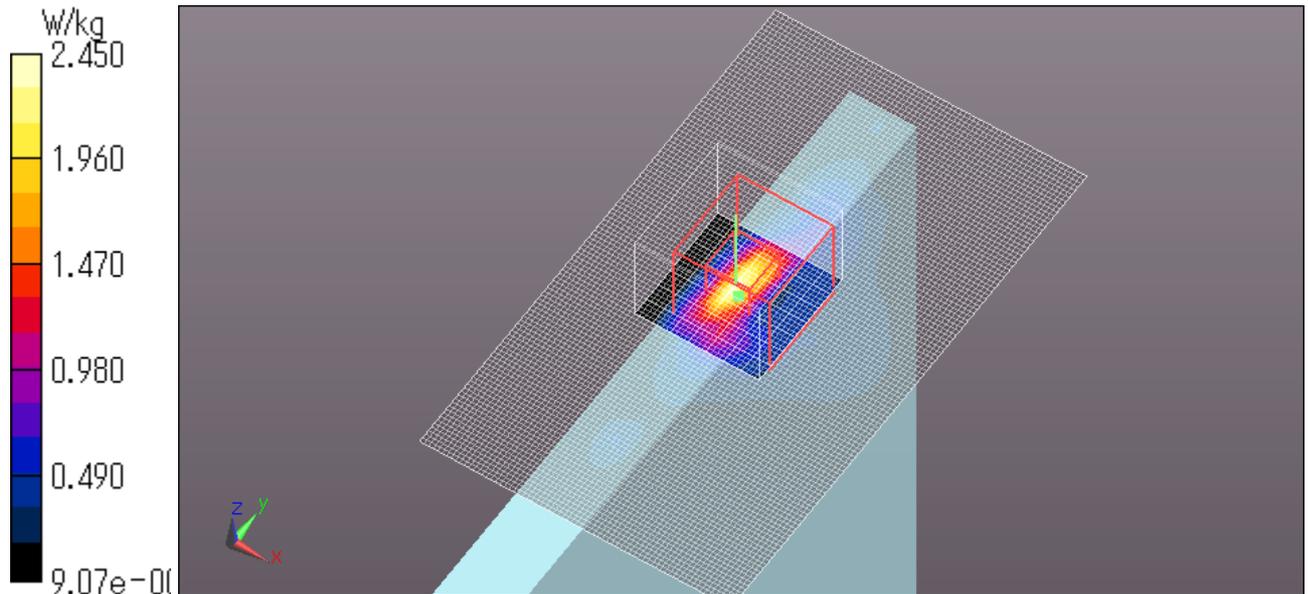
Peak SAR (extrapolated) = 6.35 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 2.45 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5755MHz Left side 0mm Ant.1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5755 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5755$ MHz; $\sigma = 6.108$ mho/m; $\epsilon_r = 46.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.21 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.741 V/m; Power Drift = -0.13 dB

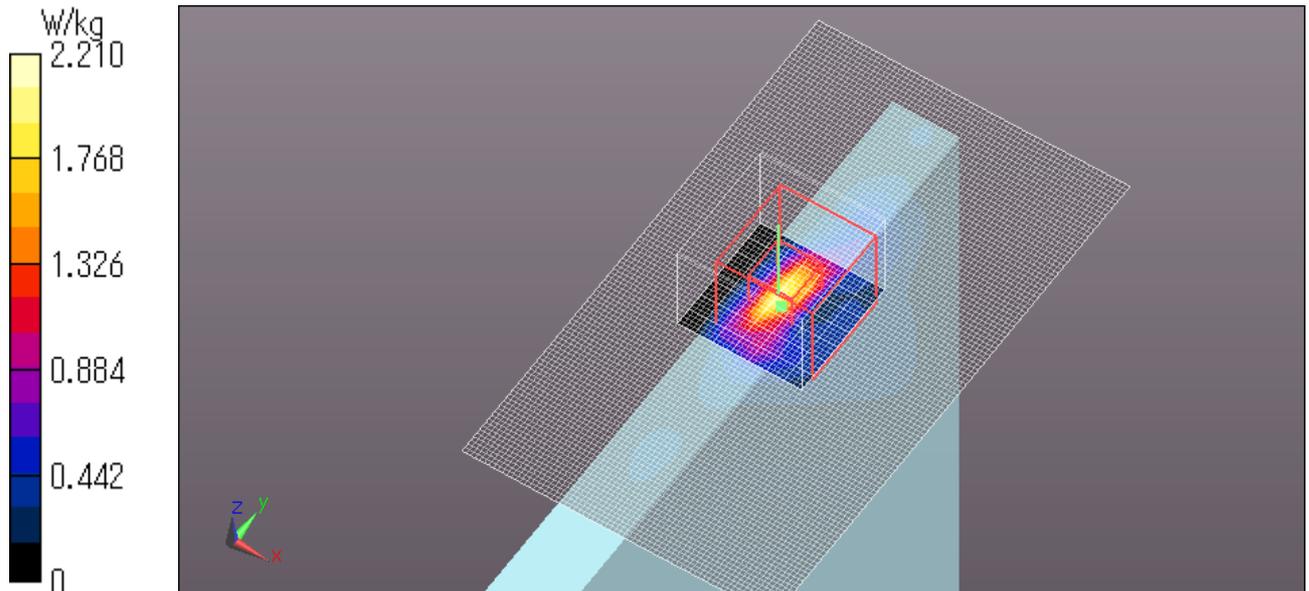
Peak SAR (extrapolated) = 5.46 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 2.10 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5765MHz Left side 0mm Ant.1 Repeat

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5765 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5765$ MHz; $\sigma = 6.122$ mho/m; $\epsilon_r = 46.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; \${Probe: Calibration Date}

Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.54 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.930 V/m; Power Drift = -0.05 dB

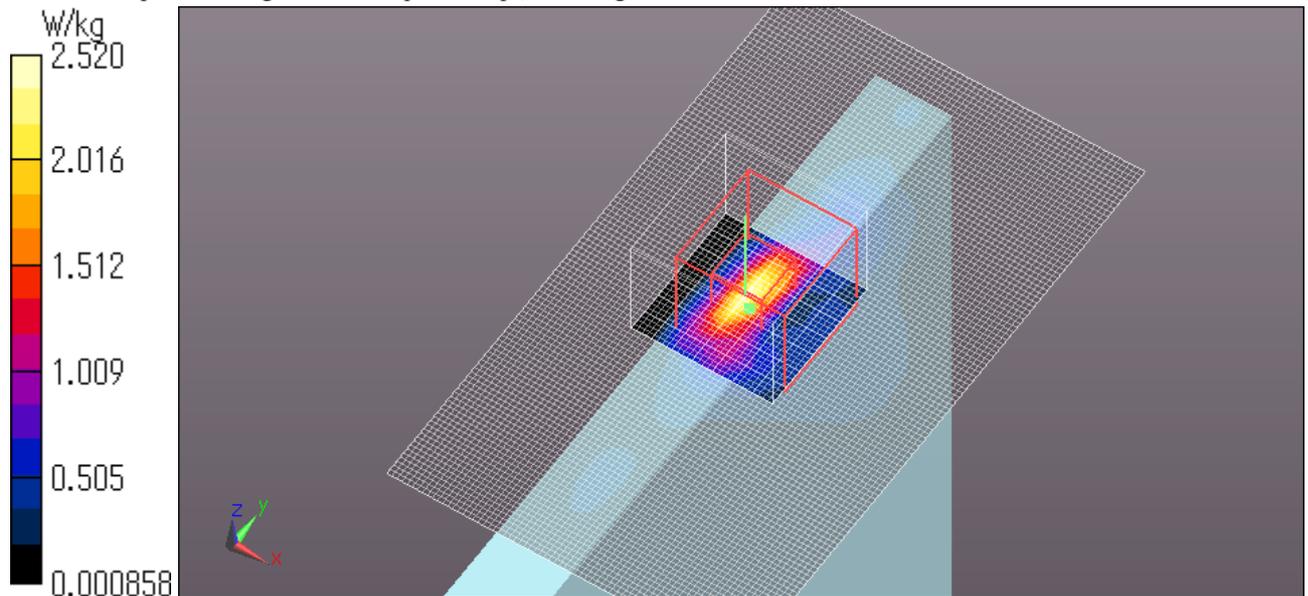
Peak SAR (extrapolated) = 6.39 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 2.52 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 20MHz MCS8 5785MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 46.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; $\{Probe: Calibration Date\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.074 V/m; Power Drift = 0.13 dB

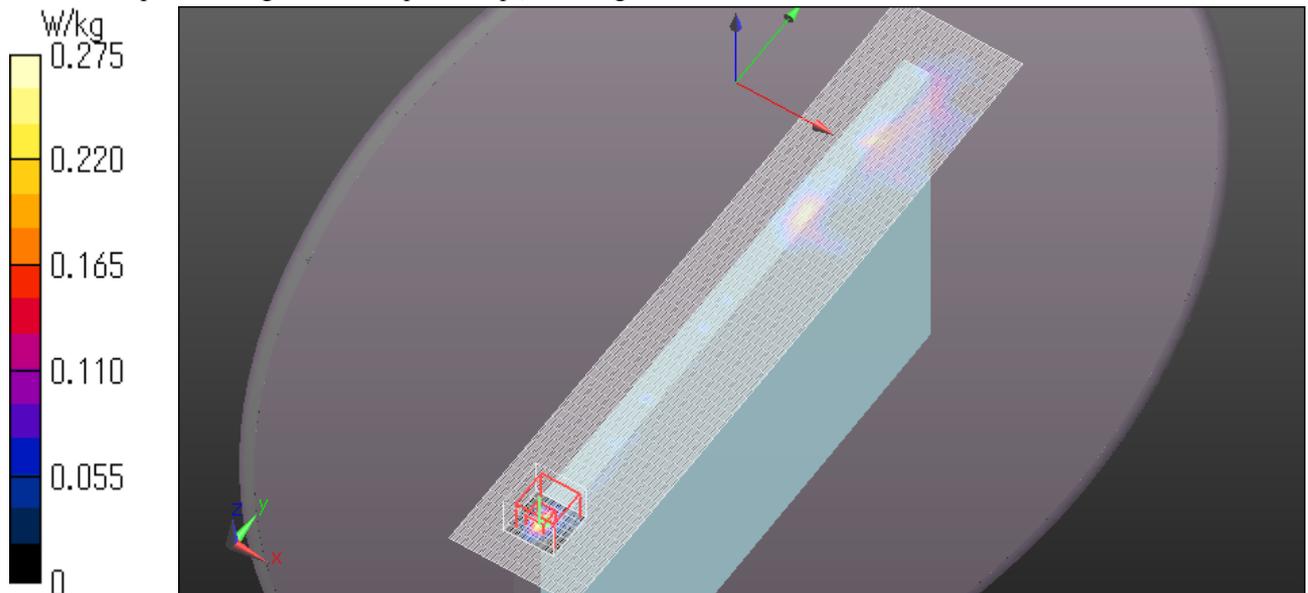
Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.275 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



AK8SVD132A1WL WLAN 11n 40MHz MCS8 5795MHz Bottom side 0mm Ant.0+1

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.194$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/12/10; $\{Probe: Calibration Date\}$

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2012/07/13

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASYS2, Version 52.8 (3);

Area Scan (71x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.283 W/kg

Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.042 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.201 W/kg

Date: 2013/04/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

