

15.3 SAR test plots for Wi-Fi 5GHz band

WLAN 11a 6Mbps Main Ant. Rear 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (111x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

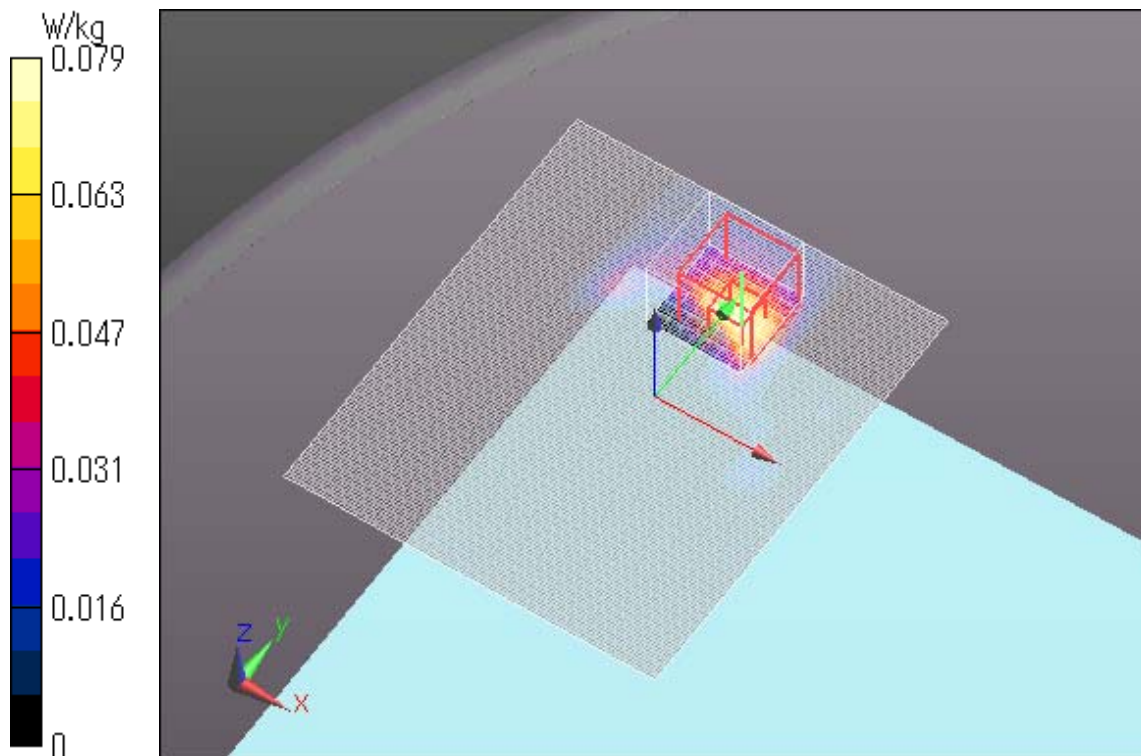
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.005 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0785 W/kg



Plot No.1

WLAN 11a 6Mbps Main Ant. Edge 1 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.127 W/kg

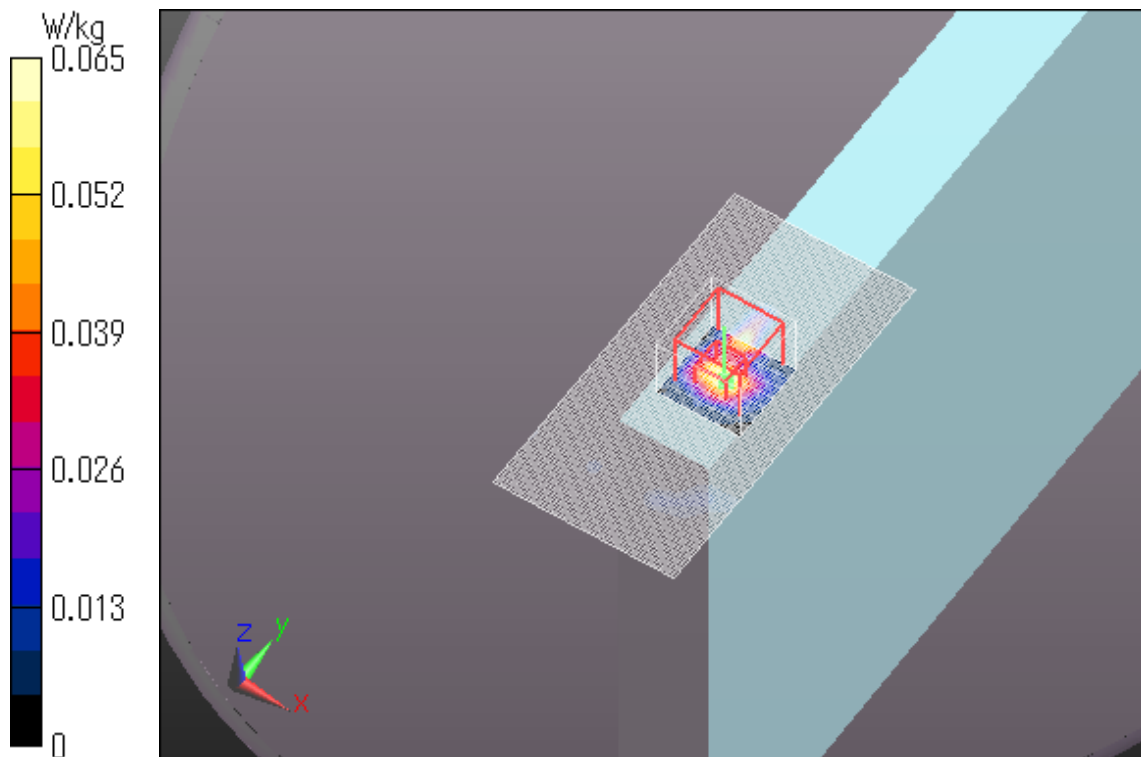
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.802 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00812 W/kg

Maximum value of SAR (measured) = 0.0654 W/kg



Plot No.2

WLAN 11a 6Mbps Main Ant. Edge 4 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.465 W/kg

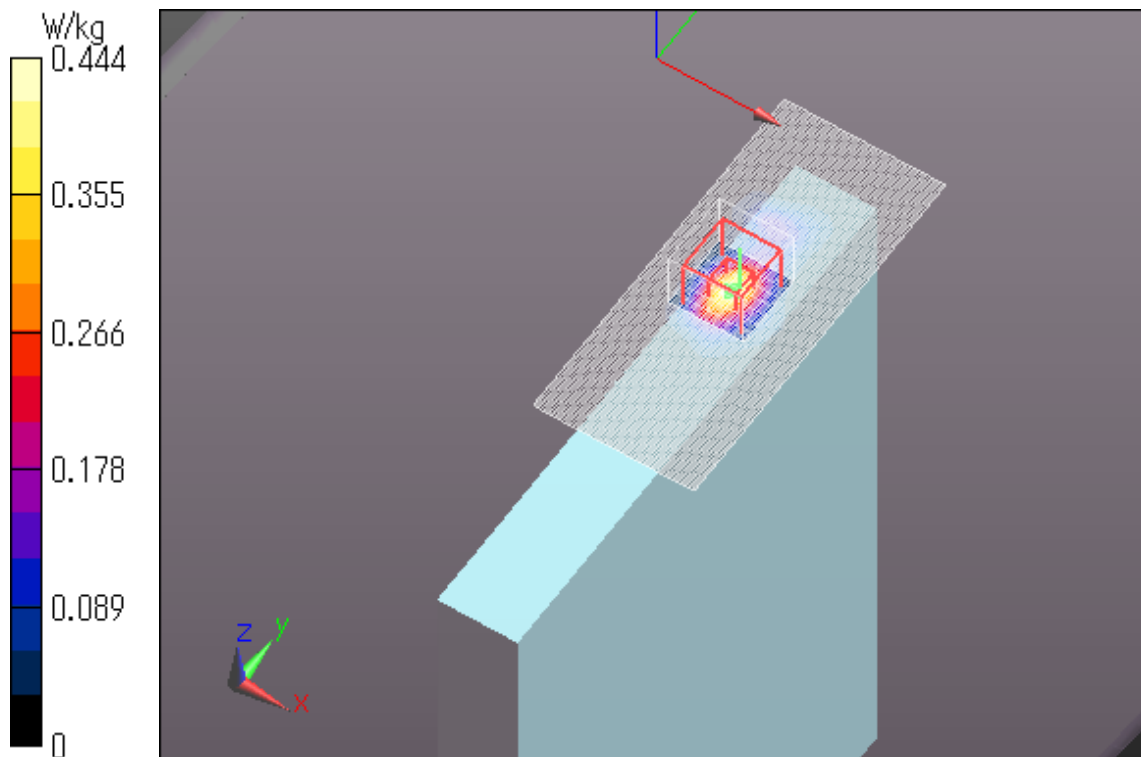
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.568 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



Plot No.3

WLAN 11a 6Mbps Aux Ant. Rear 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.185 W/kg

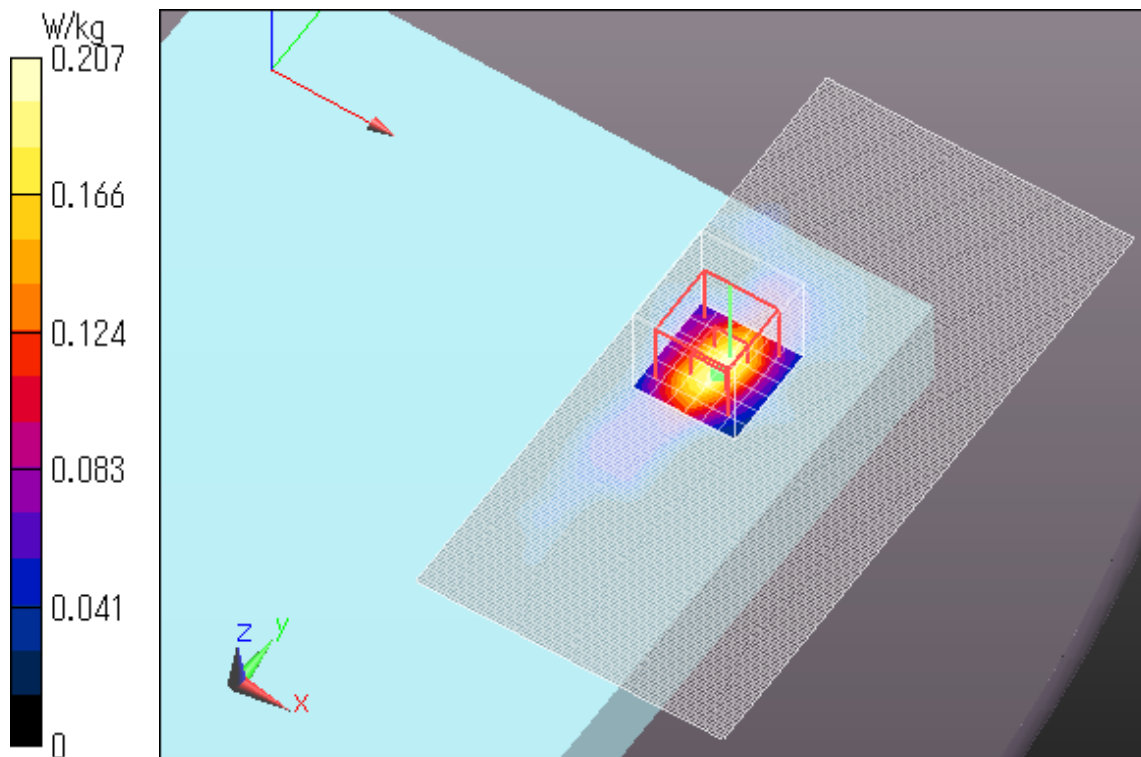
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.834 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



Plot No.4

WLAN 11a 6Mbps Aux Ant. Edge 1 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.413$ S/m; $\epsilon_r = 47.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0429 W/kg

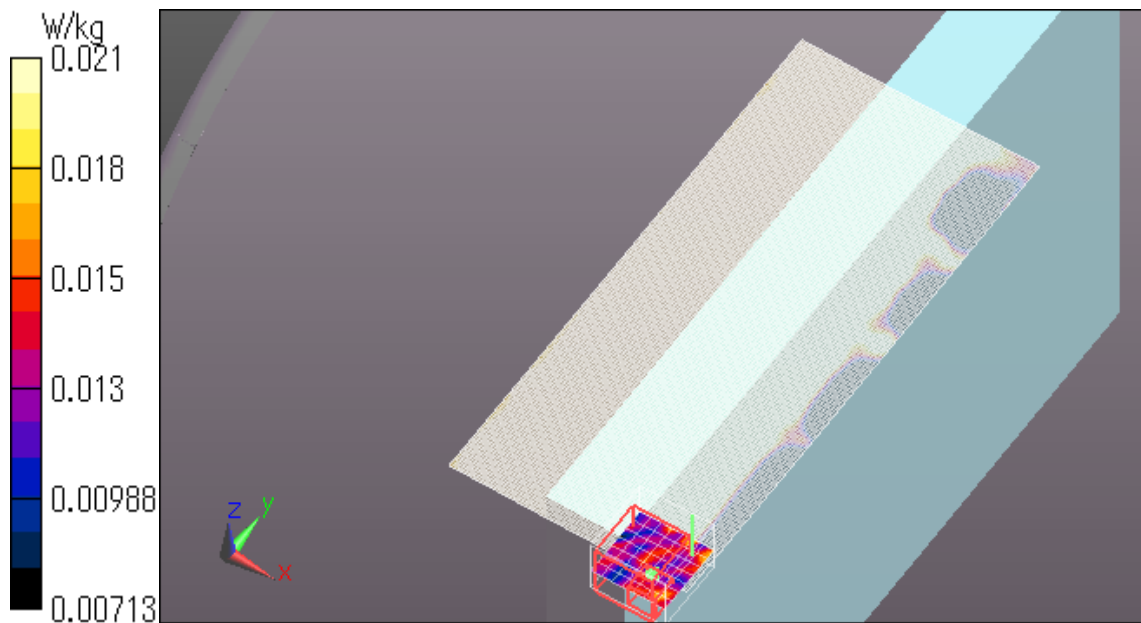
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.758 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.013 W/kg

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



WLAN 11a 6Mbps Aux Ant. Edge 3 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

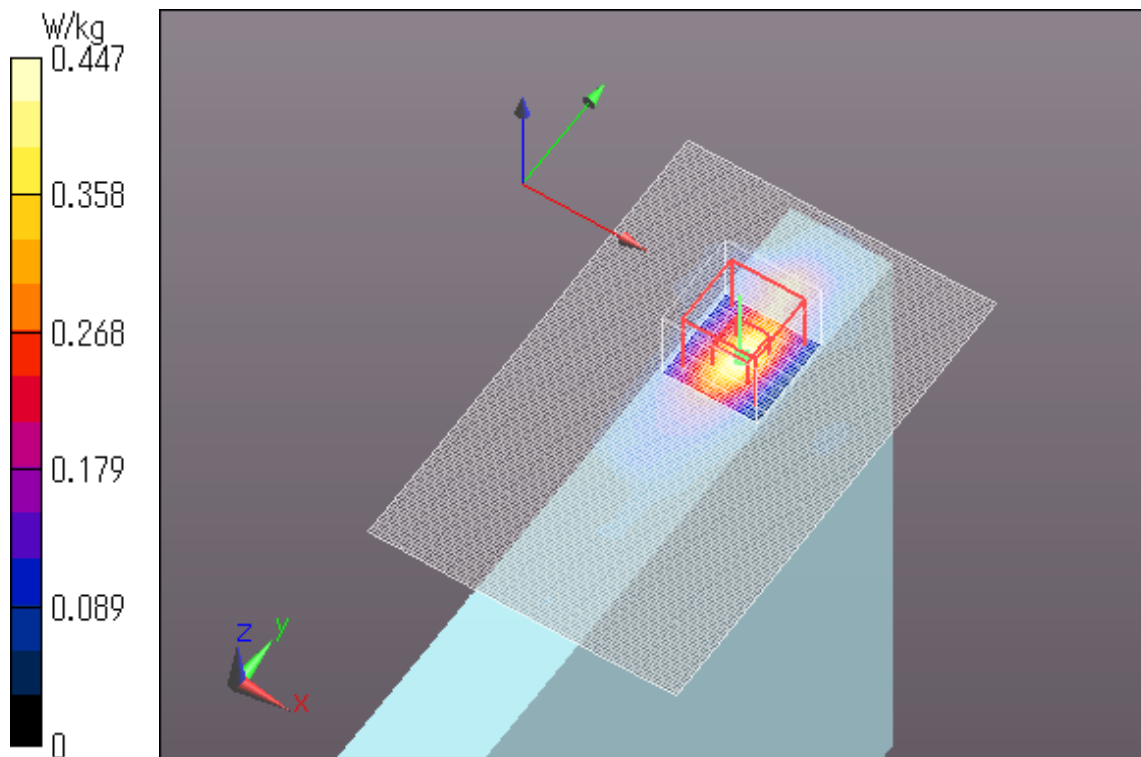
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.630 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.447 W/kg



Plot No.6

WLAN 11a 6Mbps Aux Ant. Edge 4 5240MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 49.203$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.38, 4.38, 4.38); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0803 W/kg

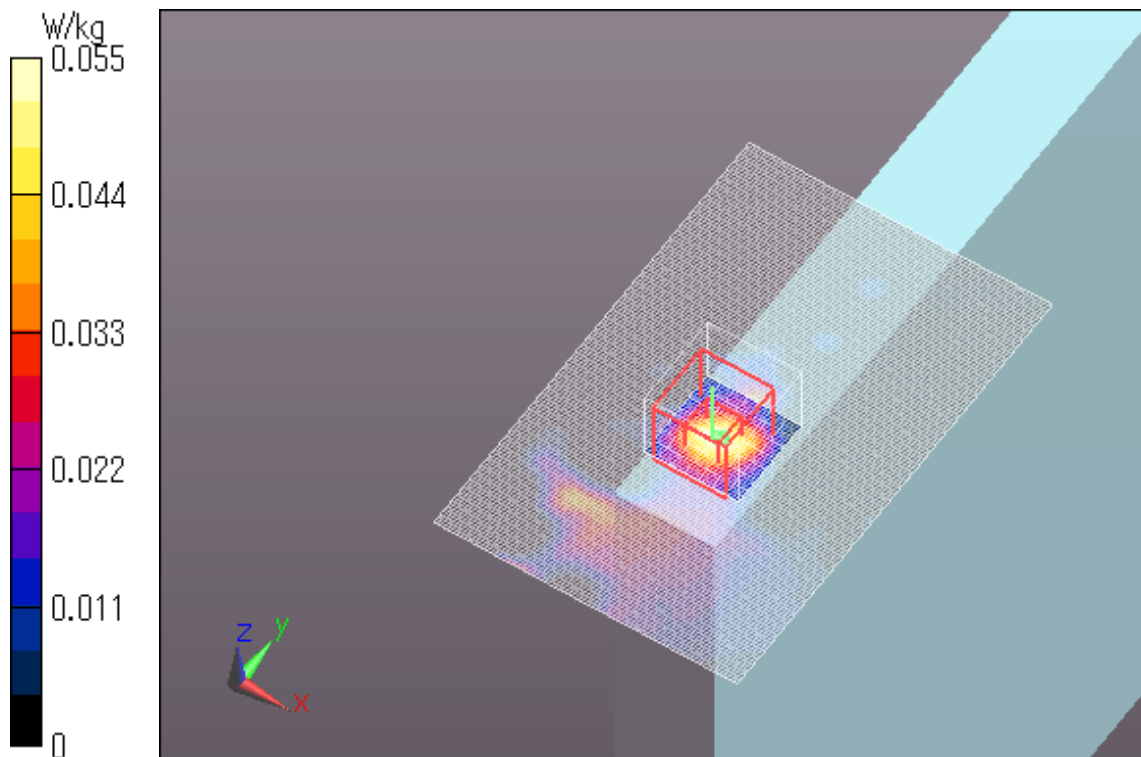
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.728 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00924 W/kg

Maximum value of SAR (measured) = 0.0552 W/kg



Plot No.7

WLAN 11a 6Mbps Main Ant. Rear 5280MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 49.158$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0944 W/kg

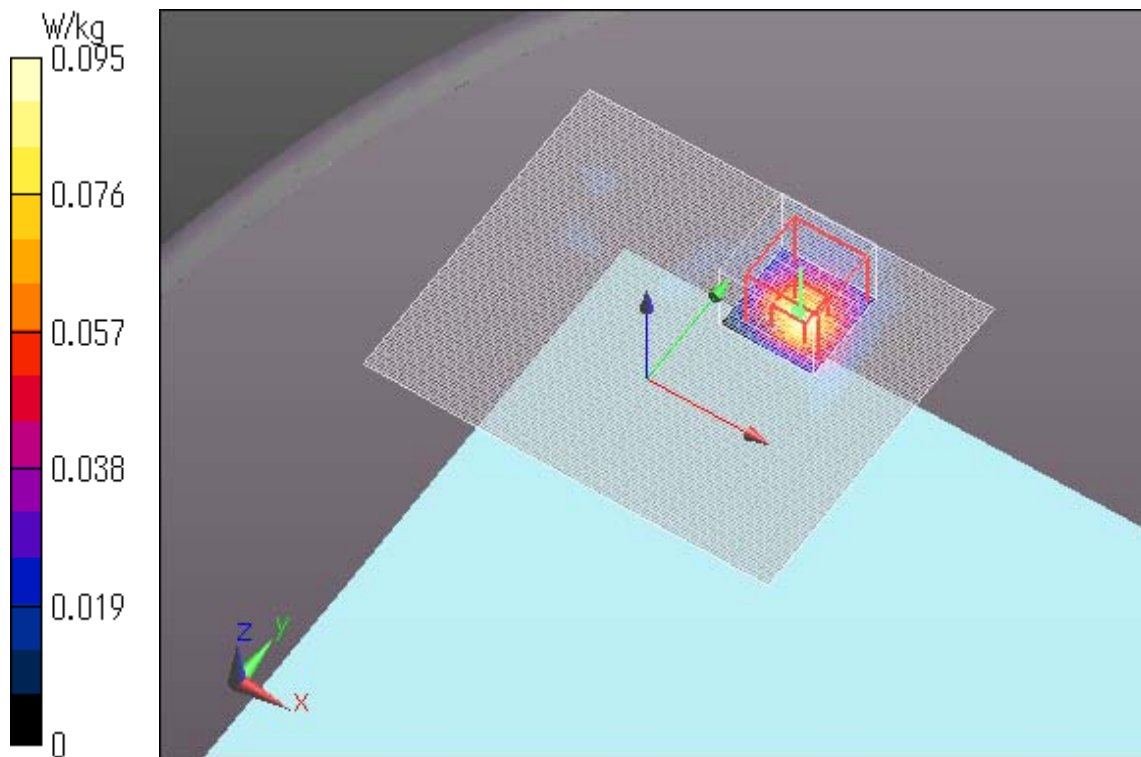
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.341 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0954 W/kg



Plot No.8

WLAN 11a 6Mbps Main Ant. Edge 1 5280MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 49.158$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0798 W/kg

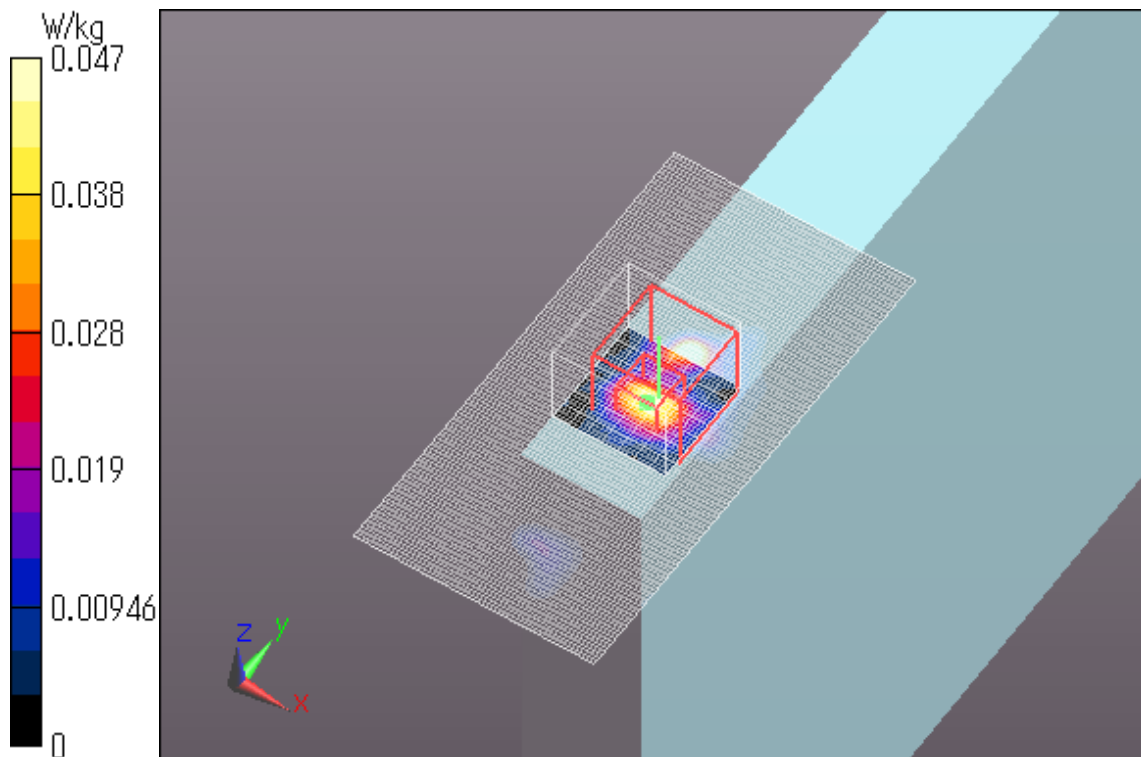
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.567 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00549 W/kg

Maximum value of SAR (measured) = 0.0473 W/kg



WLAN 11a 6Mbps Main Ant. Edge 4 5280MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.289$ S/m; $\epsilon_r = 49.158$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.469 W/kg

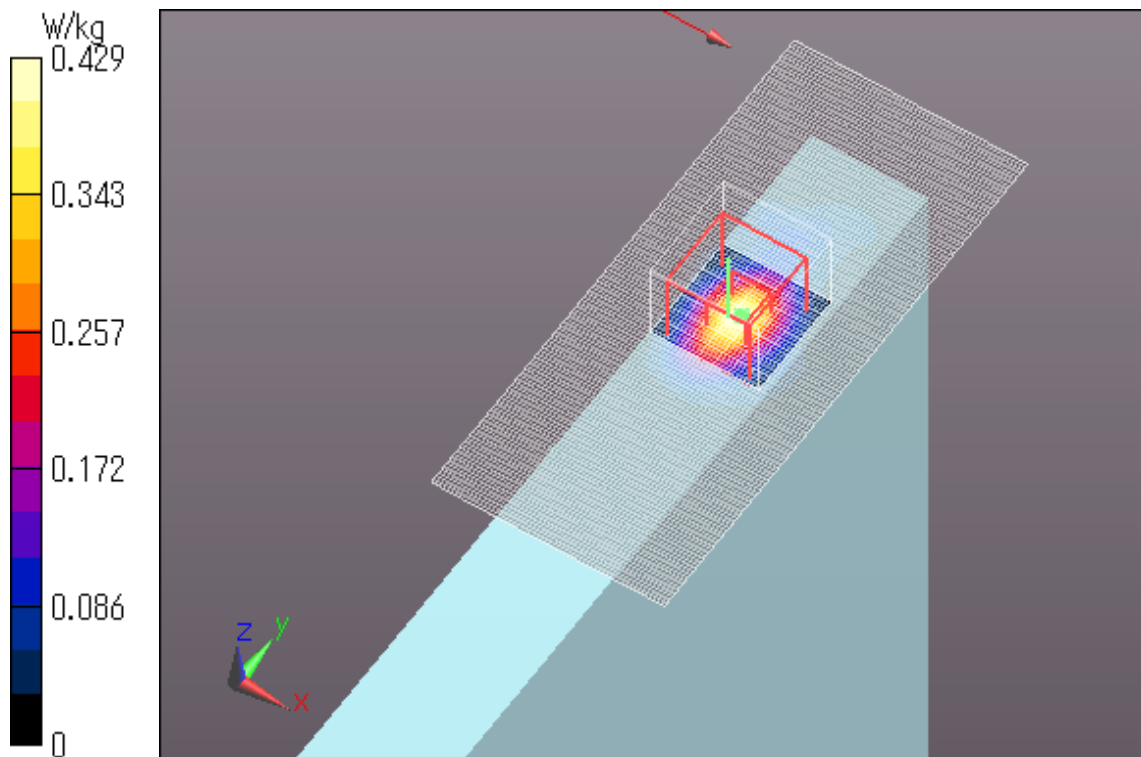
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.194 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.781 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.429 W/kg



Plot No.10

WLAN 11a 6Mbps Aux Ant. Rear 5260MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 49.191$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.243 W/kg

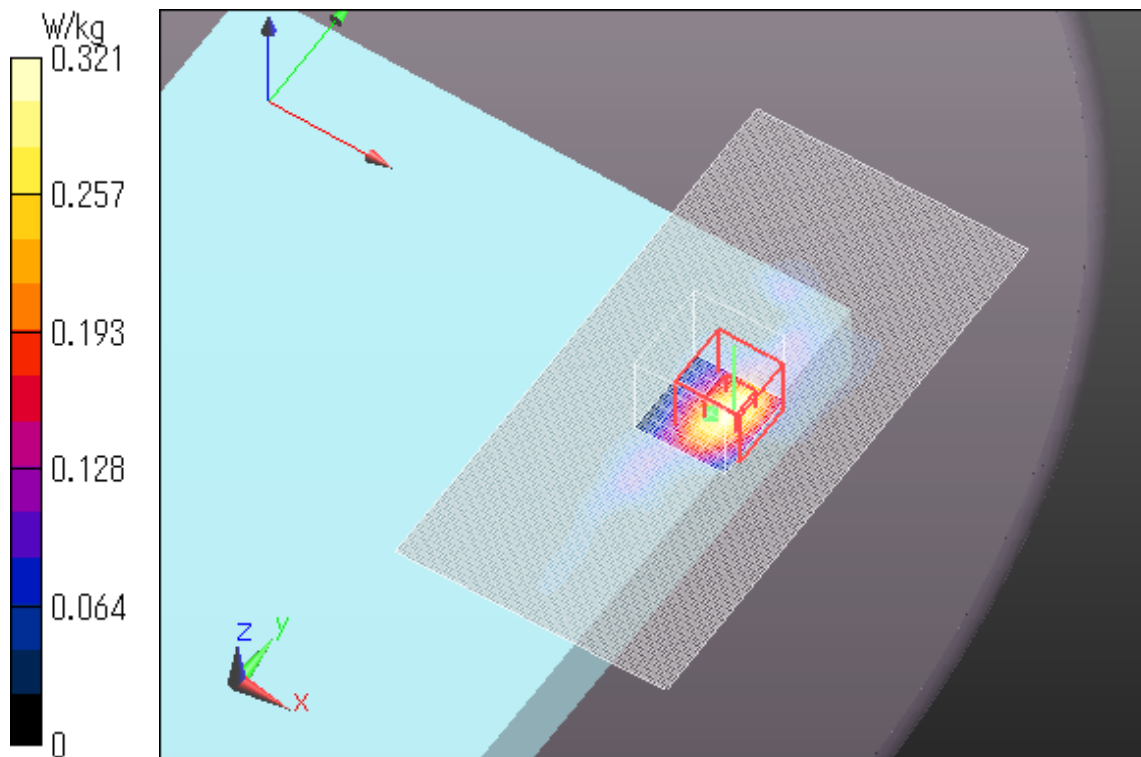
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.064 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



Plot No.11

WLAN 11a 6Mbps Aux Ant. Edge 1 5260MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.439$ S/m; $\epsilon_r = 47.511$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0347 W/kg

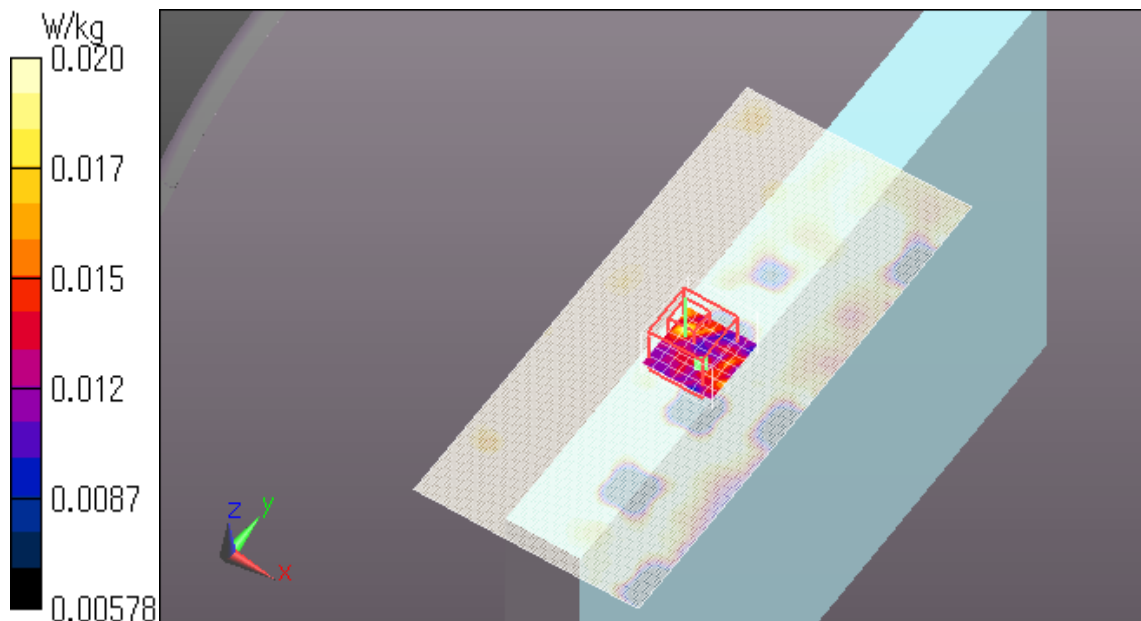
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.866 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0204 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 3 5260MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 49.191$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.599 W/kg

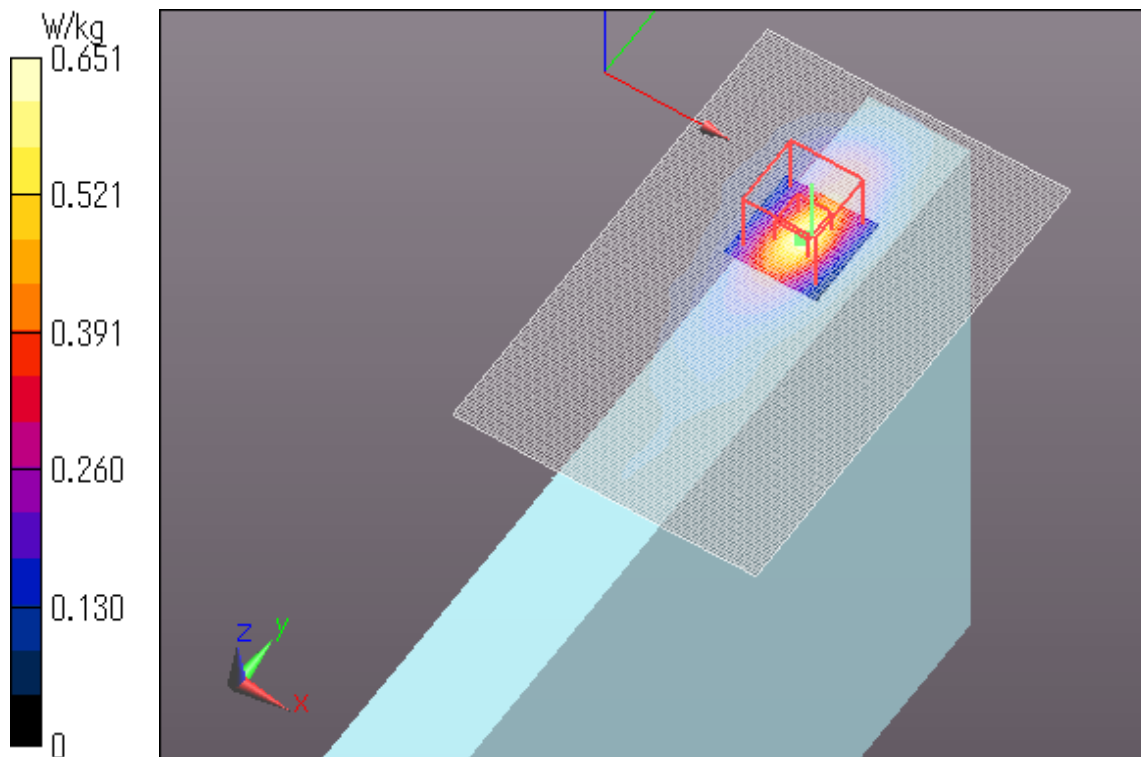
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 12.332 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



Plot No.13

WLAN 11a 6Mbps Aux Ant. Edge 4 5260MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W52 53);

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 49.191$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.23, 4.23, 4.23); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0926 W/kg

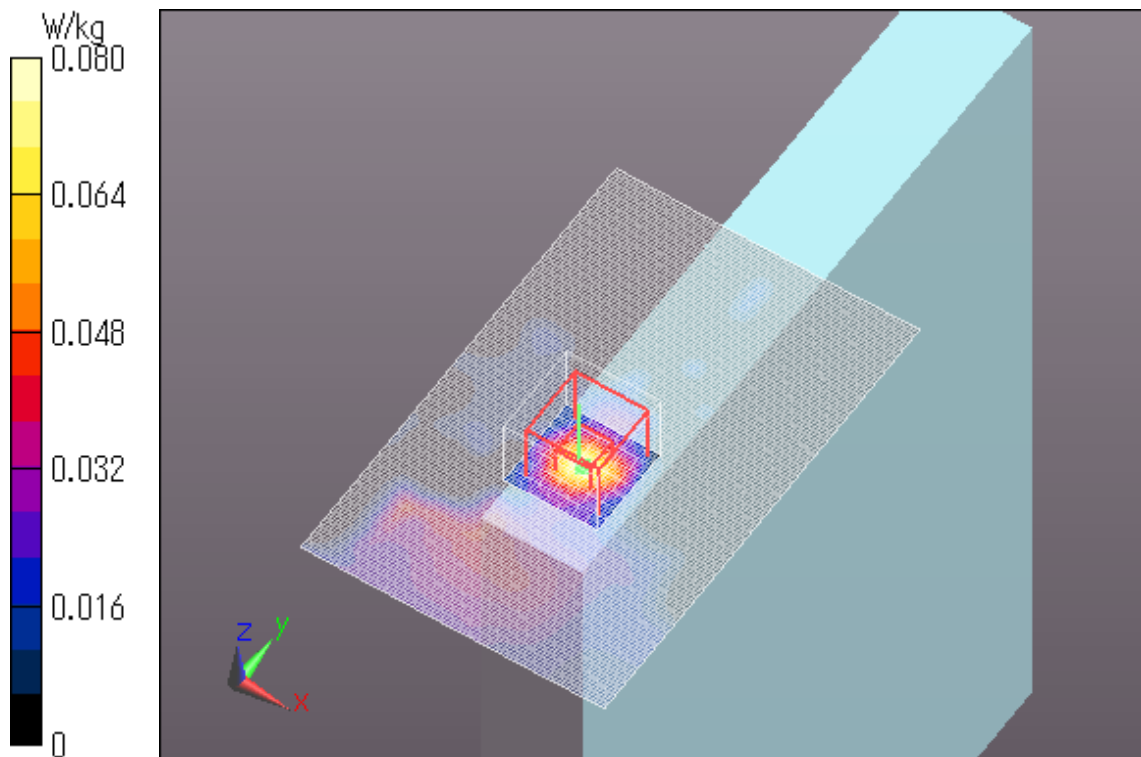
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.189 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0799 W/kg



Plot No.14

WLAN 11a 6Mbps Main Ant. Rear 5540MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.864$ S/m; $\epsilon_r = 47.721$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

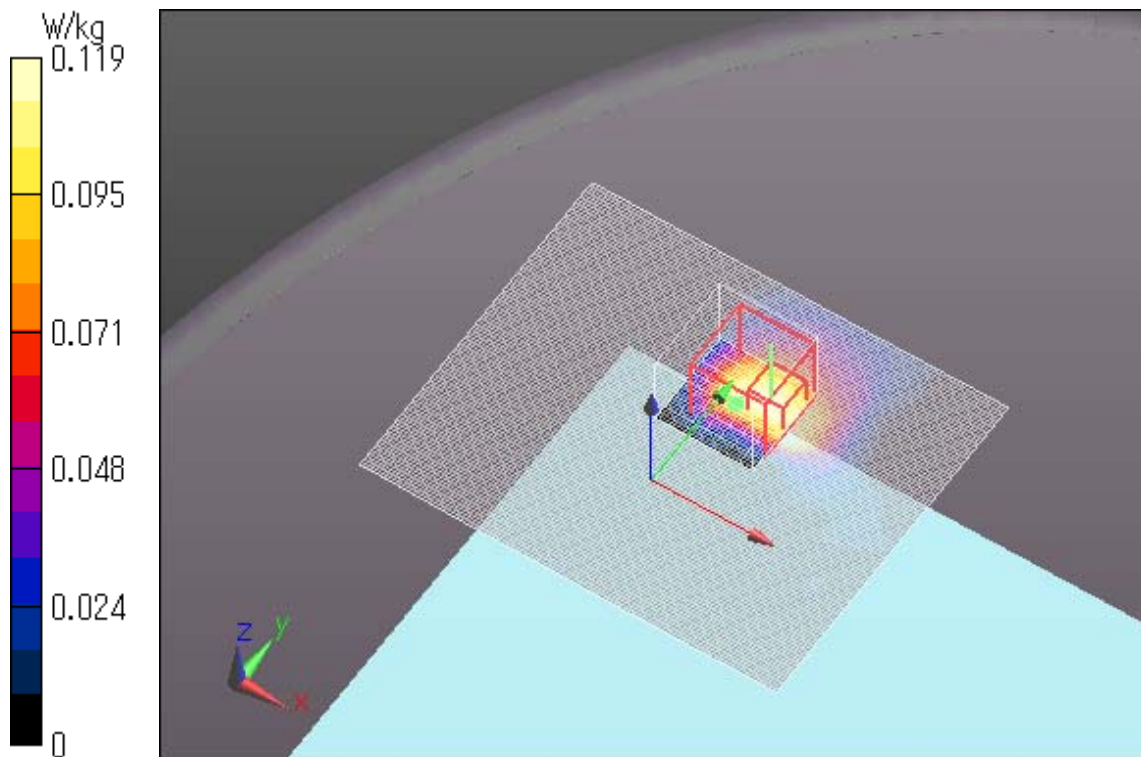
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 4.483 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



Plot No.15

WLAN 11a 6Mbps Main Ant. Edge 1 5540MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.864$ S/m; $\epsilon_r = 47.721$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.124 W/kg

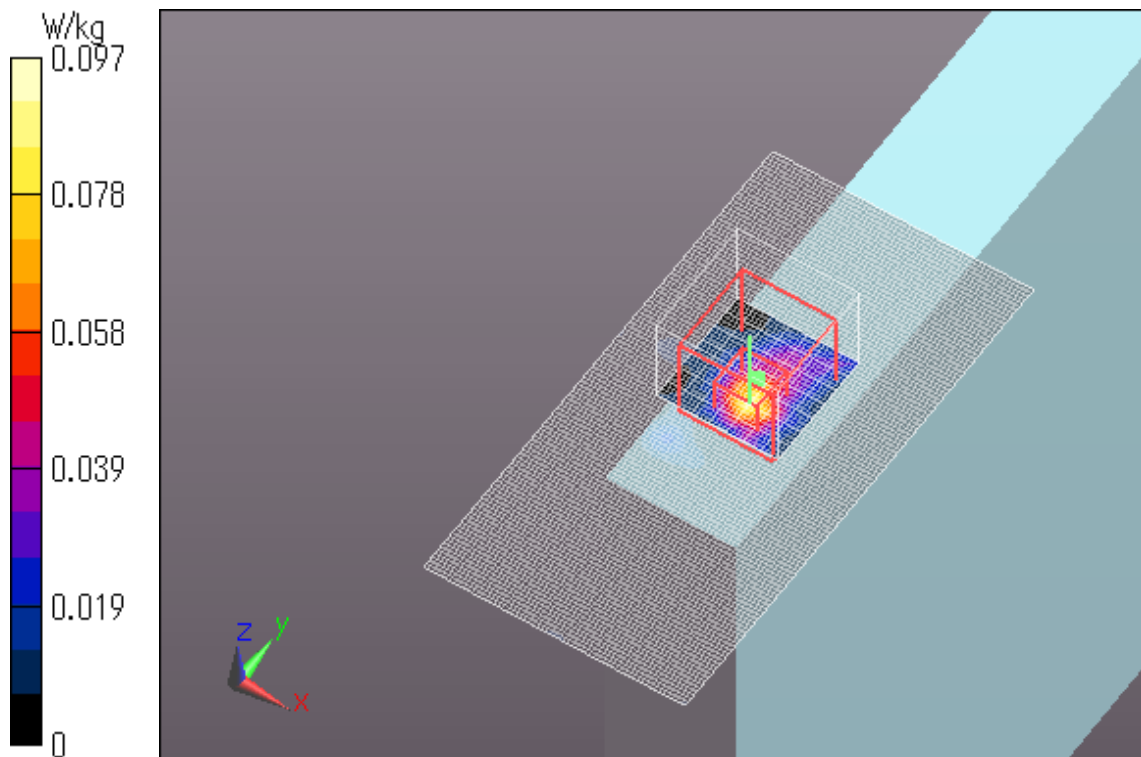
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.330 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.00934 W/kg

Maximum value of SAR (measured) = 0.0973 W/kg



WLAN 11a 6Mbps Main Ant. Edge 4 5540MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.668$ S/m; $\epsilon_r = 47.502$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

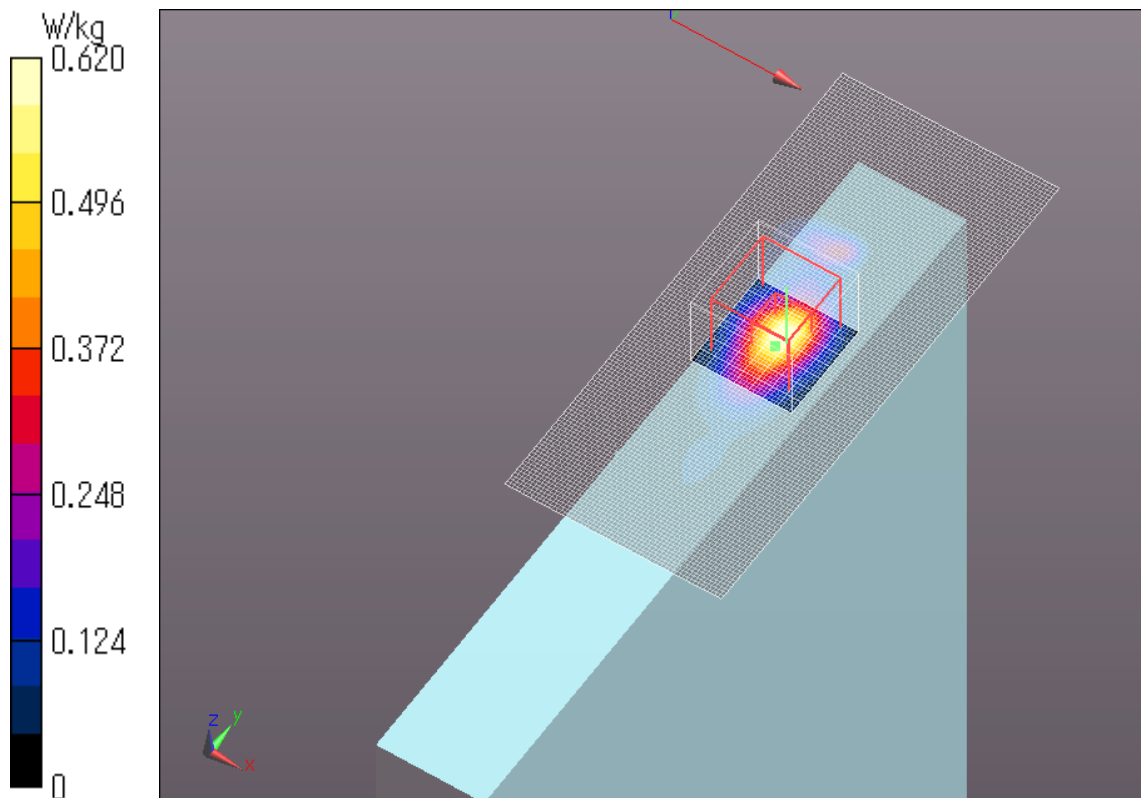
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.572 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.087 W/kg

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



WLAN 11a 6Mbps Aux Ant. Rear 5600MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.787$ S/m; $\epsilon_r = 47.603$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.285 W/kg

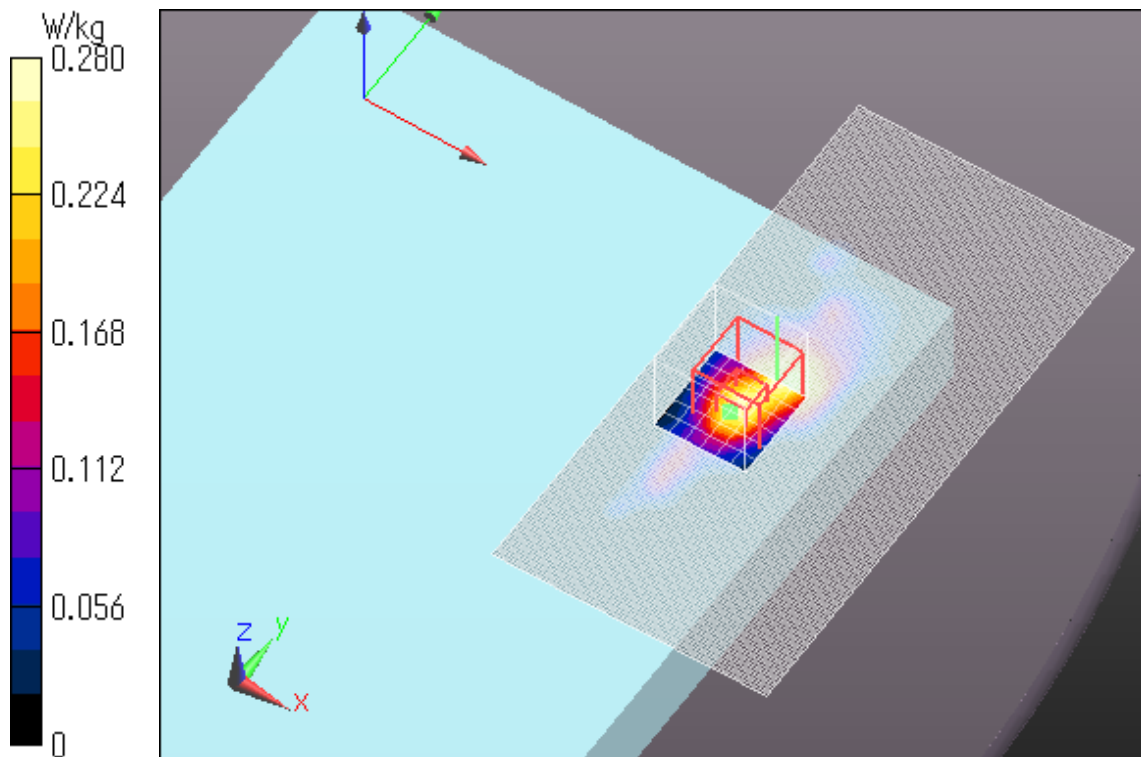
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 7.502 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



Plot No.18

WLAN 11a 6Mbps Aux Ant. Edge 1 5600MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5600$ MHz; $\sigma = 5.846$ S/m; $\epsilon_r = 46.526$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0560 W/kg

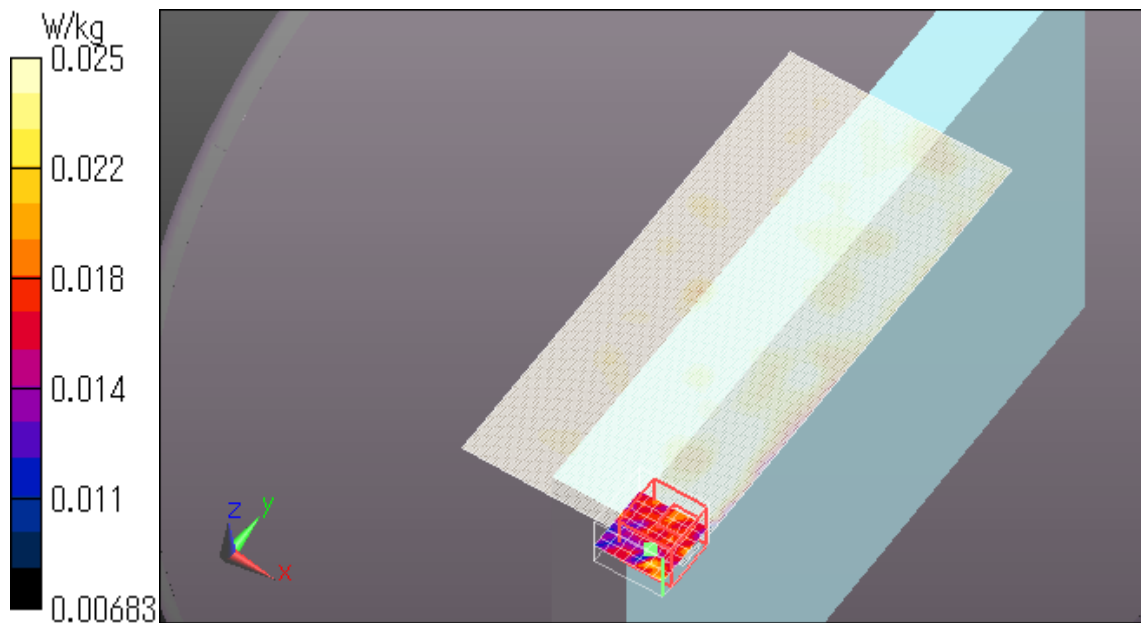
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.023 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0252 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 3 5600MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 47.406$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.612 W/kg

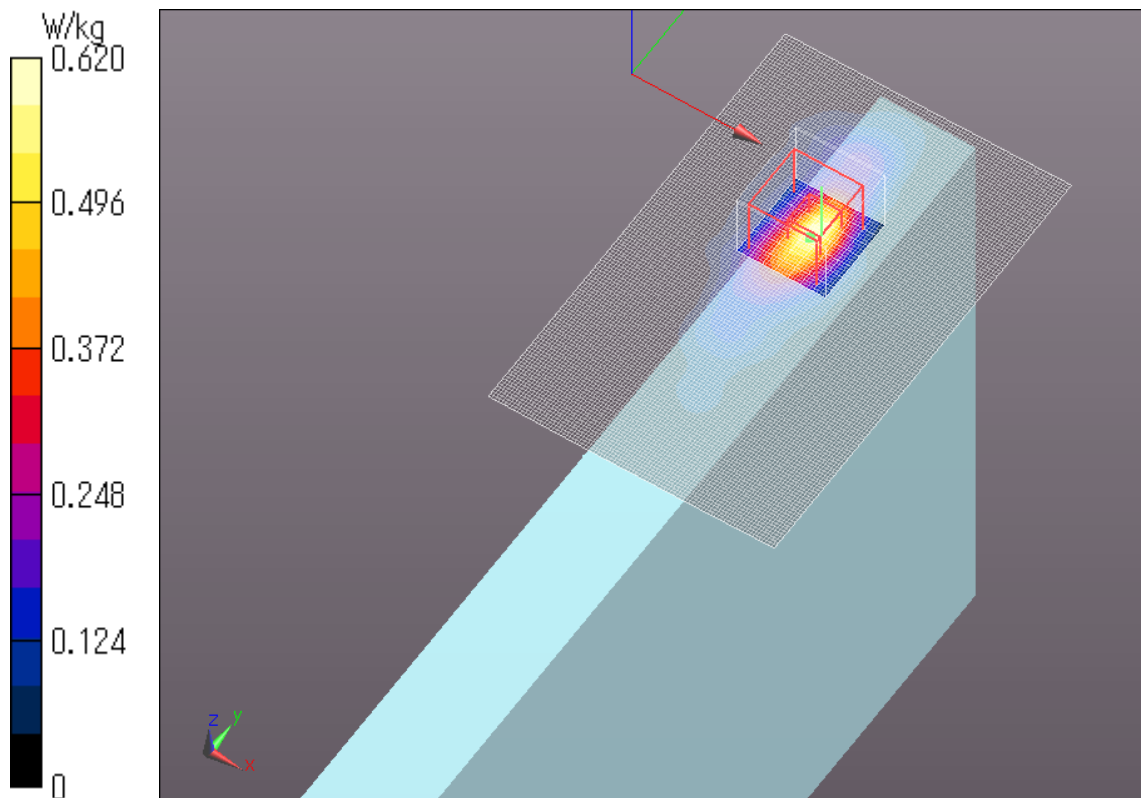
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.534 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.099 W/kg

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



WLAN 11a 6Mbps Aux Ant. Edge 4 5600MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W56);

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 47.406$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0584 W/kg

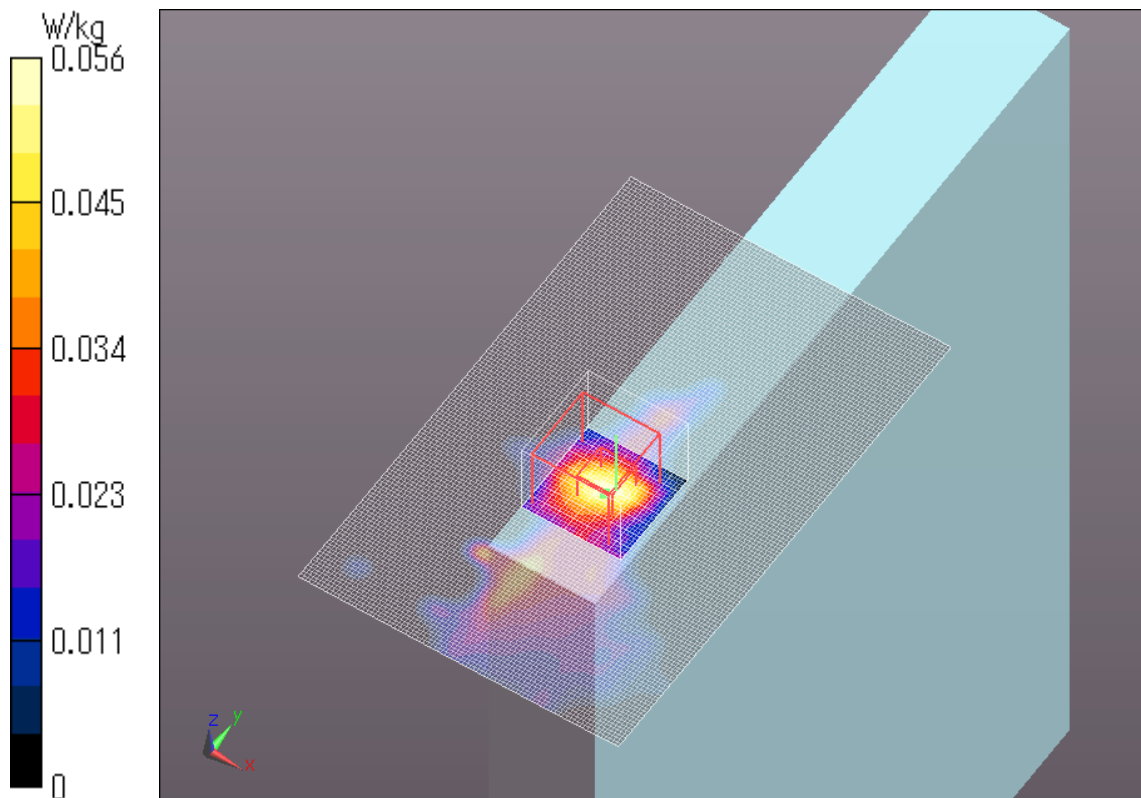
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.521 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.0087 W/kg

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



WLAN 11a 6Mbps Main Ant. Rear 5745MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.017$ S/m; $\epsilon_r = 47.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.127 W/kg

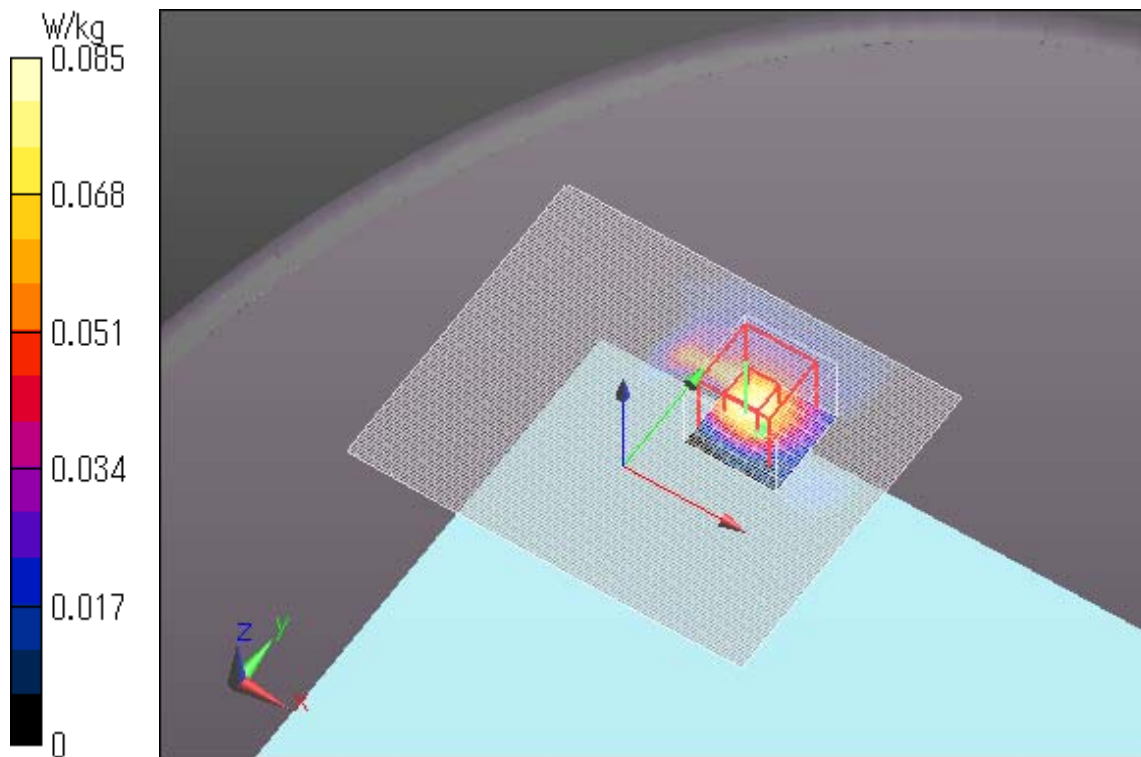
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.627 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0847 W/kg



Plot No.22

WLAN 11a 6Mbps Main Ant. Edge 1 5745MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.017$ S/m; $\epsilon_r = 47.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0221 W/kg

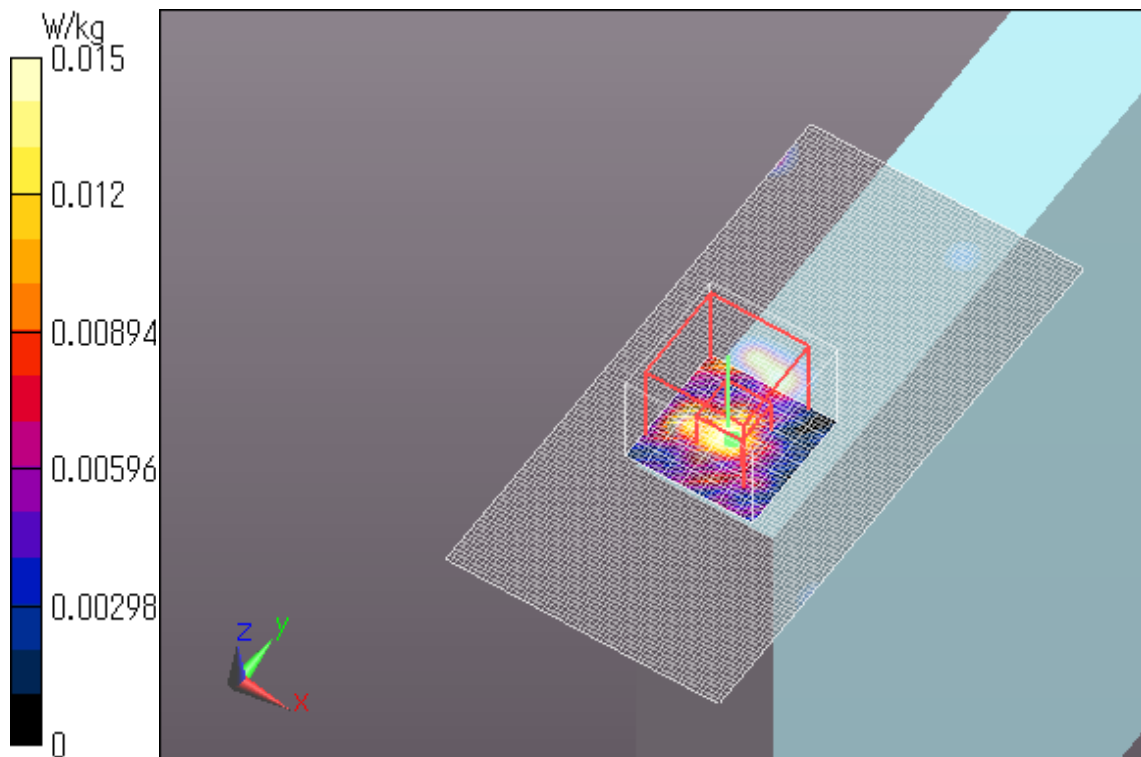
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.674 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.00702 W/kg; SAR(10 g) = 0.00114 W/kg

Maximum value of SAR (measured) = 0.0149 W/kg



WLAN 11a 6Mbps Main Ant. Edge 4 5745MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.017$ S/m; $\epsilon_r = 47.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.579 W/kg

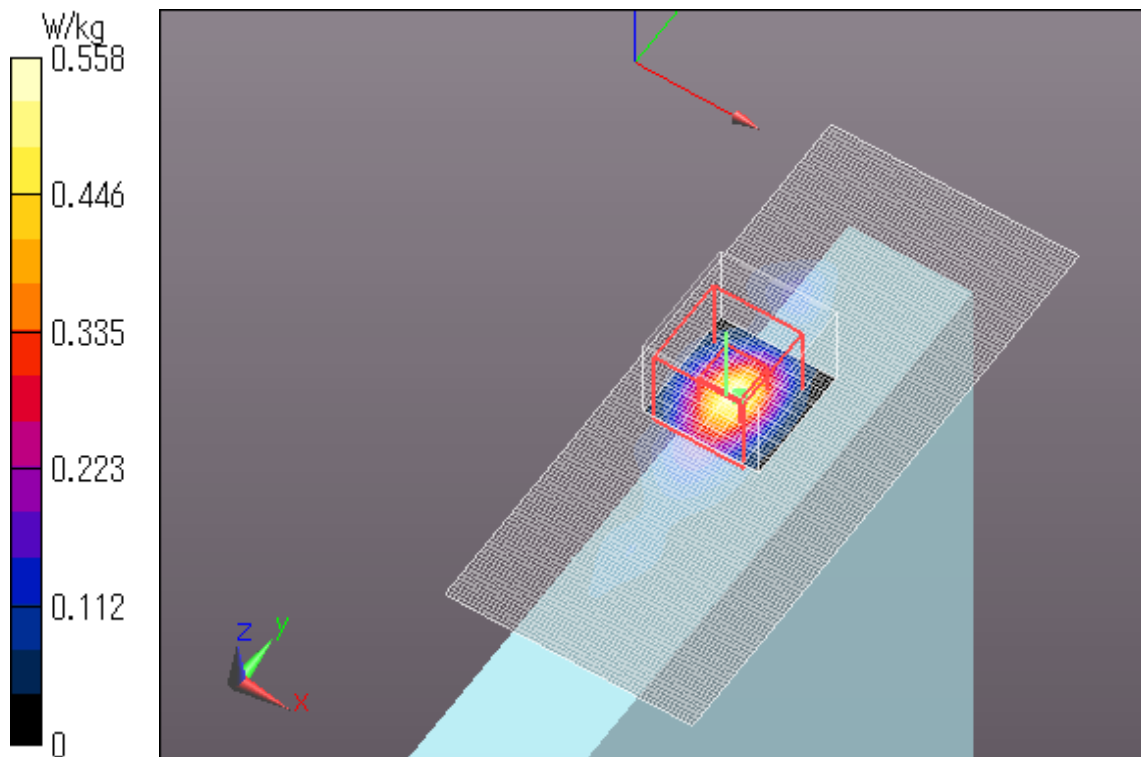
Zoom Scan (8x8x6)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.637 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.558 W/kg



WLAN 11a 6Mbps Aux Ant. Rear 5825MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.446 W/kg

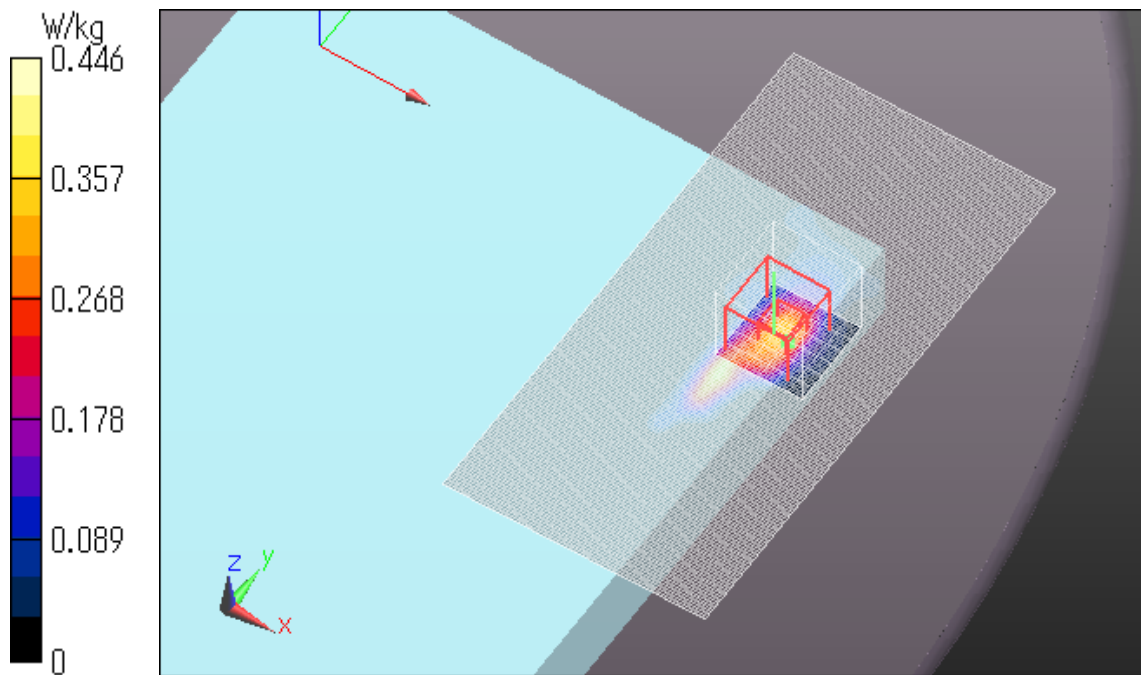
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.671 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 1 5825MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.132$ S/m; $\epsilon_r = 46.075$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.0384 W/kg

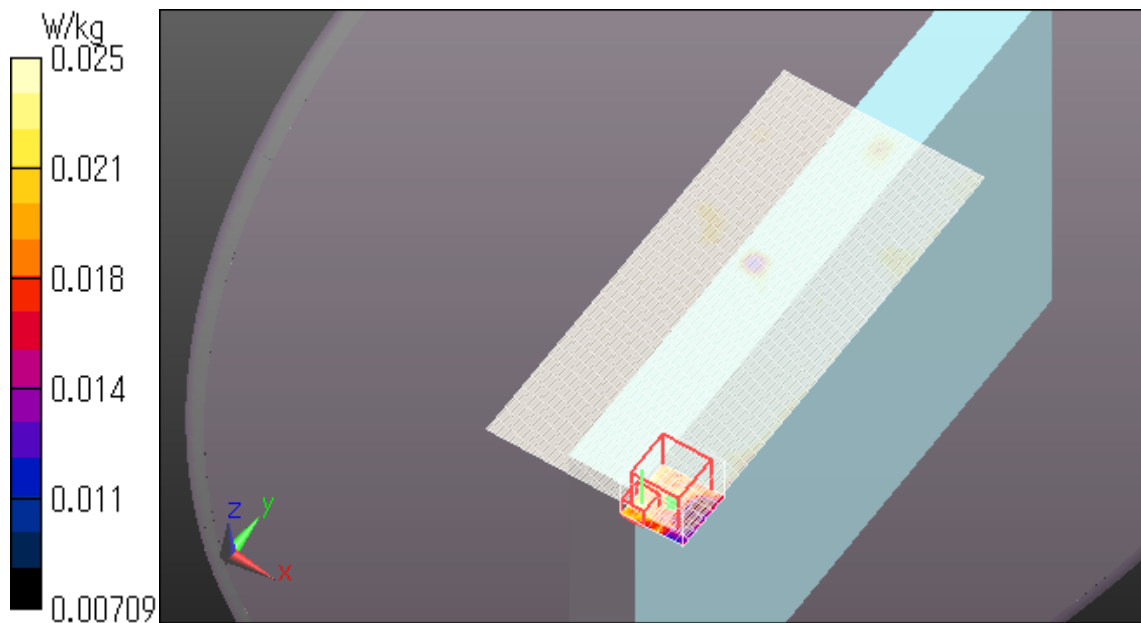
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.918 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0246 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 3 5825MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.862 W/kg

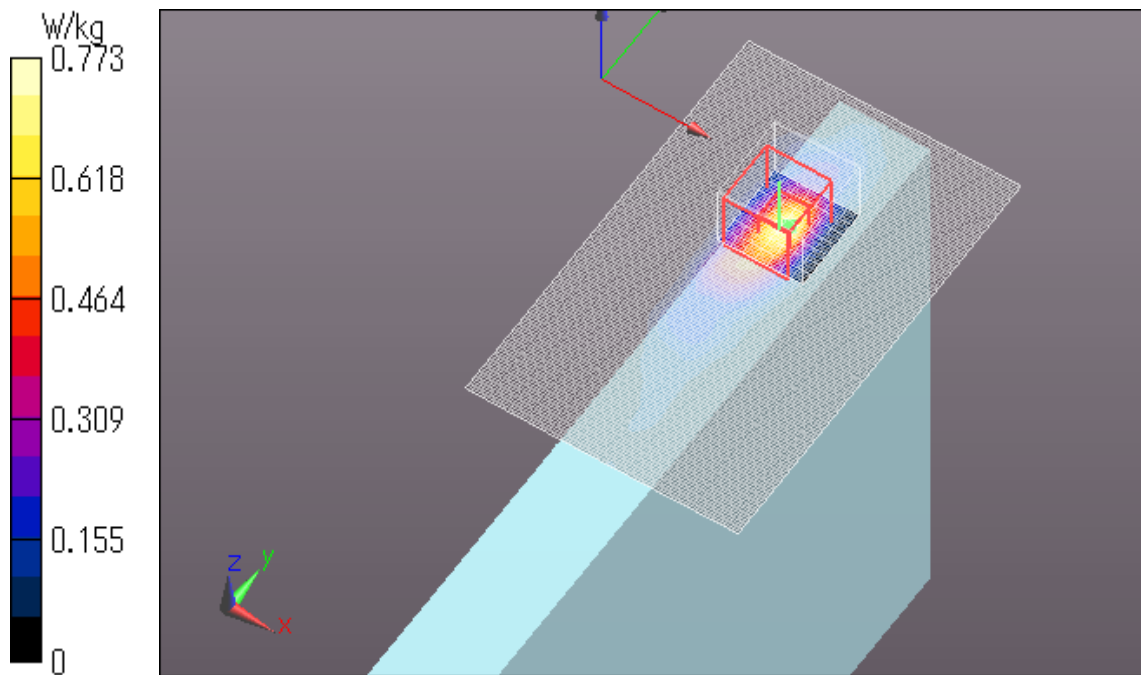
Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.569 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.773 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 3 5825MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

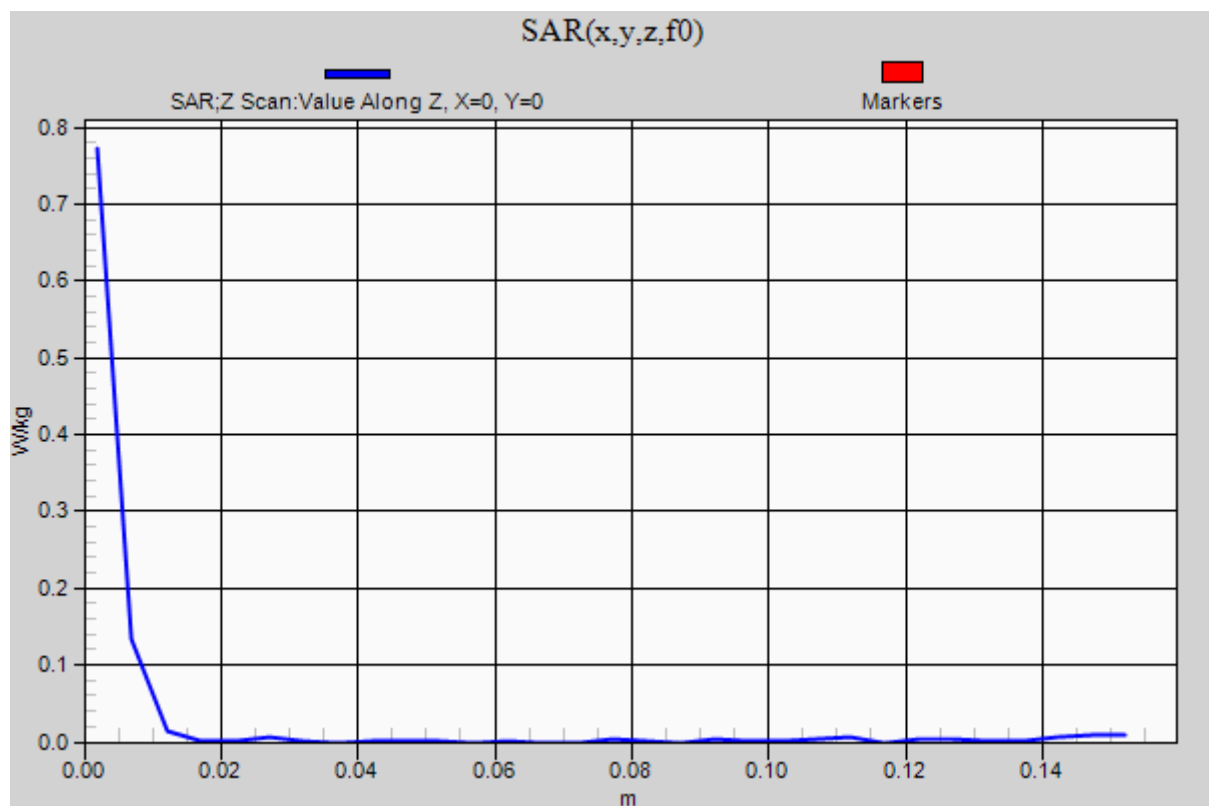
Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (measured) = 0.772 W/kg



WLAN 11a 6Mbps Aux Ant. Edge 4 5825MHz

Communication System: UID 0, WLAN 11a/b/g/n (0); Communication System Band: 11a/n (W58);

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 47.143$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(4.05, 4.05, 4.05); Calibrated: 2013/12/13;

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2013/07/16

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0808 W/kg

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

Reference Value = 3.145 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00692 W/kg

Maximum value of SAR (measured) = 0.0501 W/kg

