

APPENDIX B. Plots of SAR Measurement

P01 802.11b_Front Face_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (171x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.965 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.71 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 1.03 W/kg

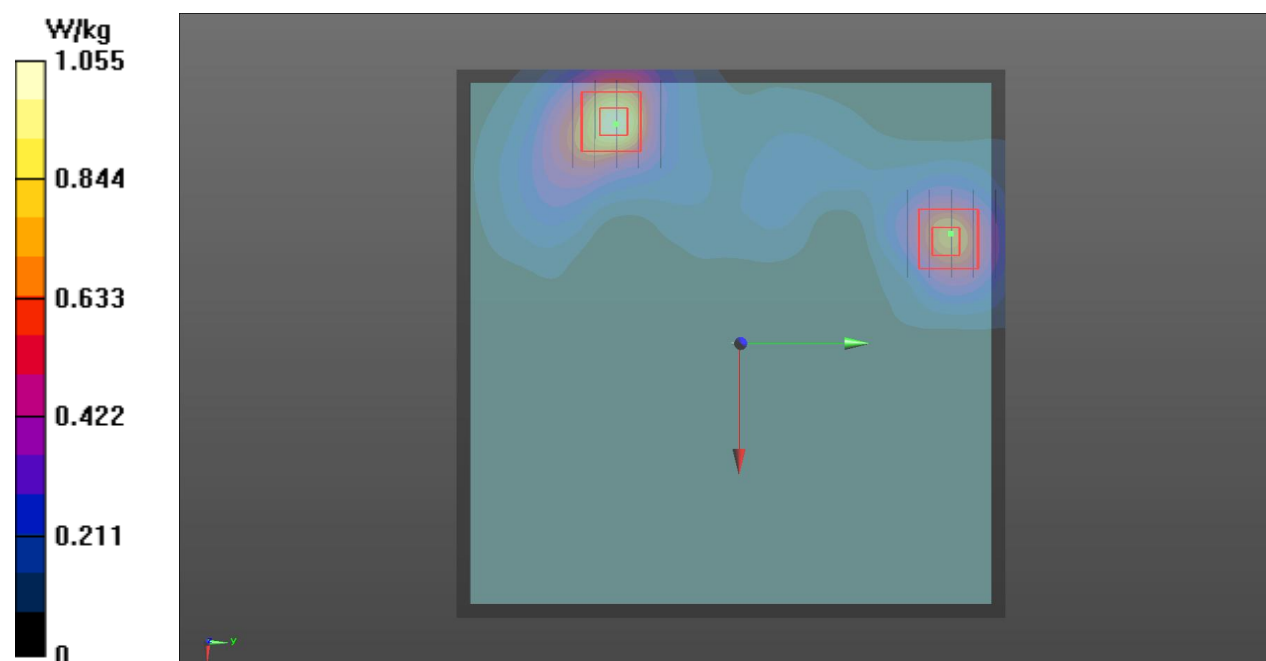
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.965 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



P02 802.11b_Rear Face_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (171x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.000 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.682 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.534 W/kg

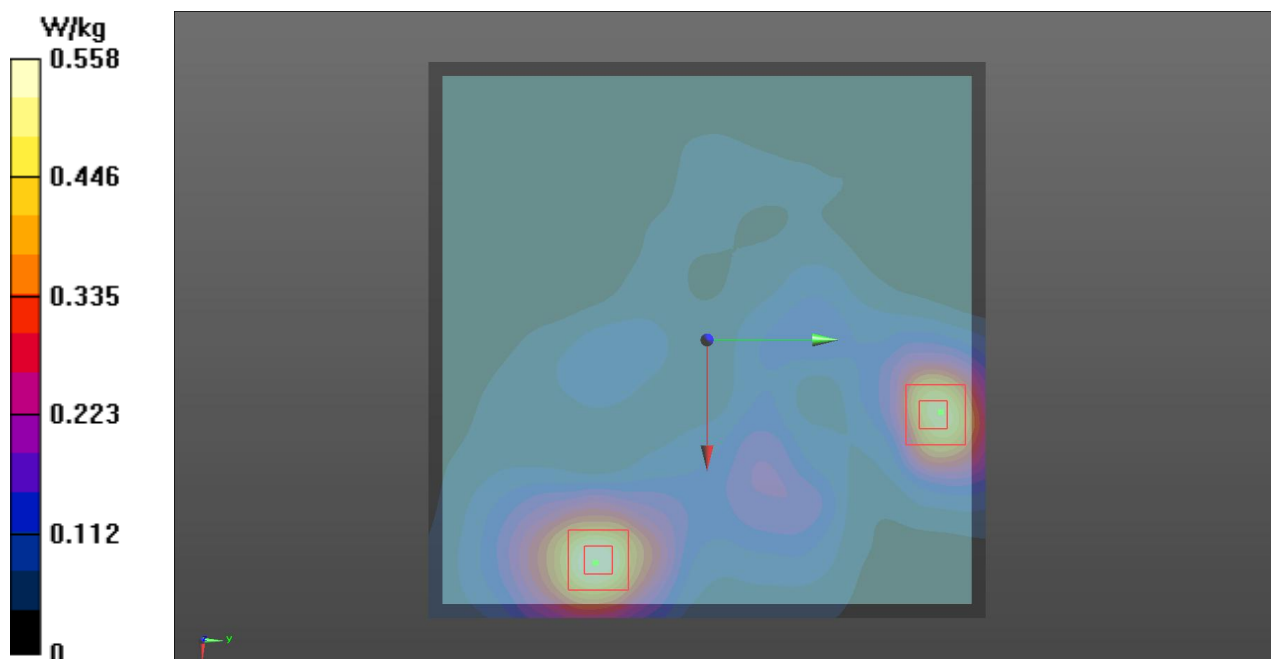
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.000 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



P03 802.11b_Left Side_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (71x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0889 W/kg

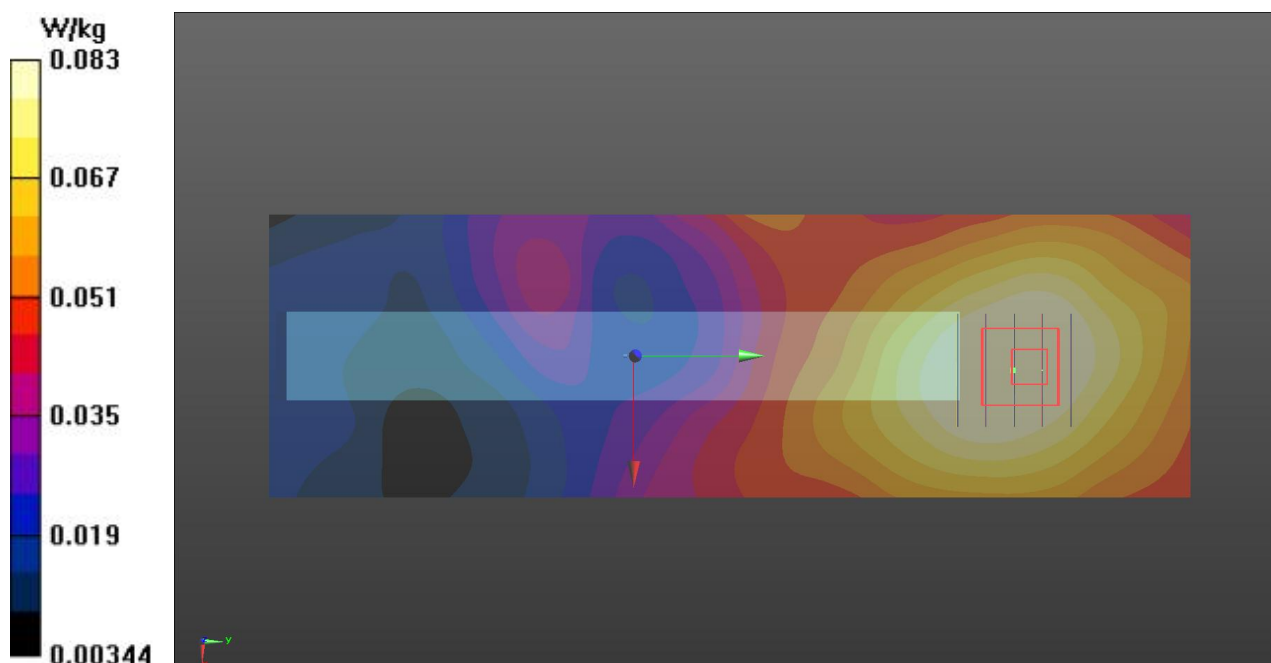
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.070 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0830 W/kg



P04 802.11b_Right Side_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (41x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.610 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.213 W/kg

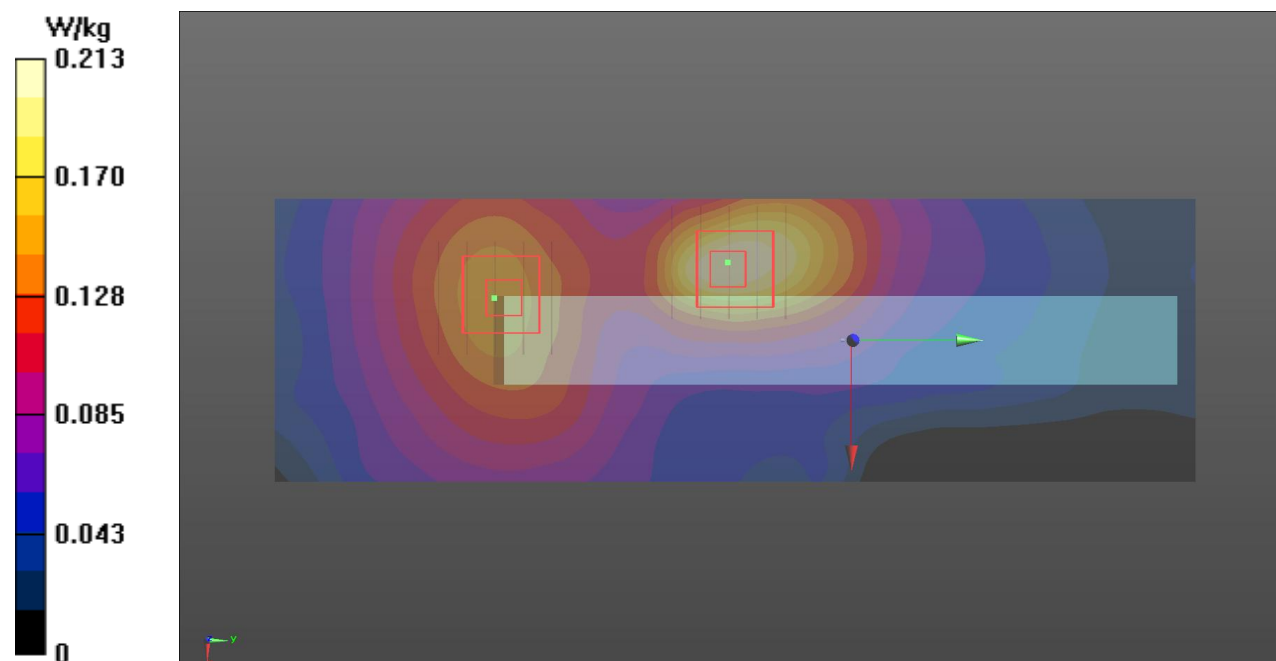
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.610 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



P05 802.11b_Top Side_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (71x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.485 W/kg

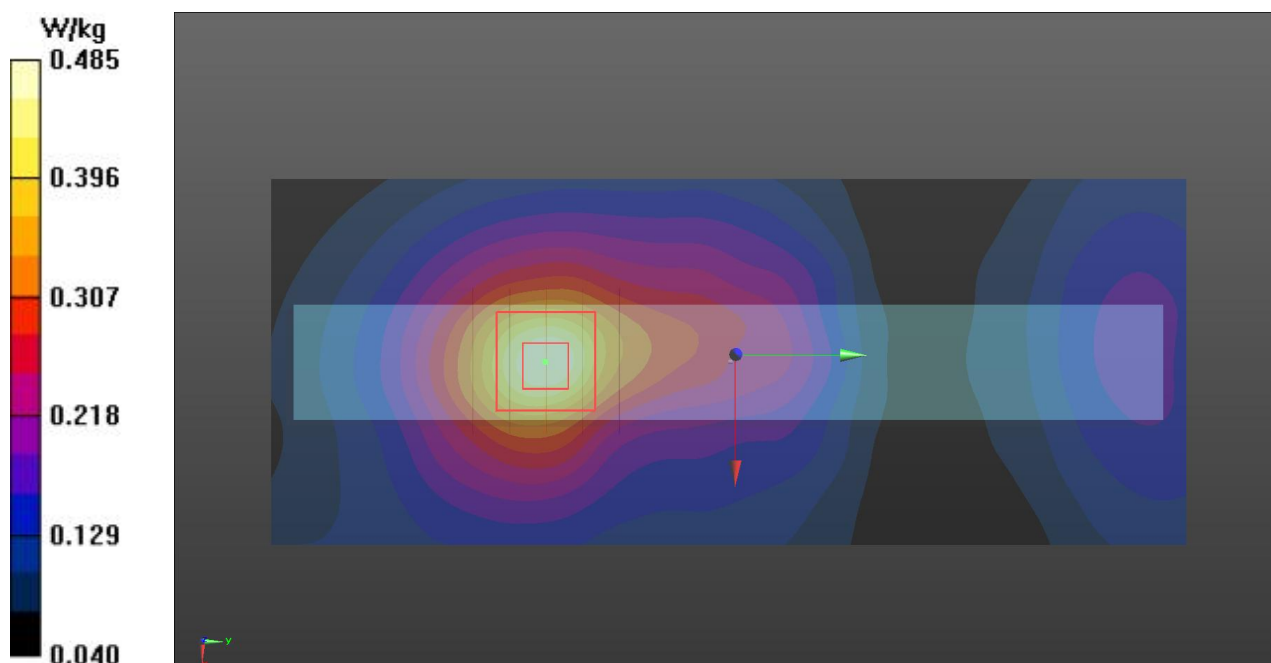
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.02 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.473 W/kg



P06 802.11b_Bottom Side_1cm_ch6**DUT: 462101**

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_140813 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 52.599$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.2 °C ; **Liquid Temperature:** 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.87, 6.87, 6.87); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0486 W/kg

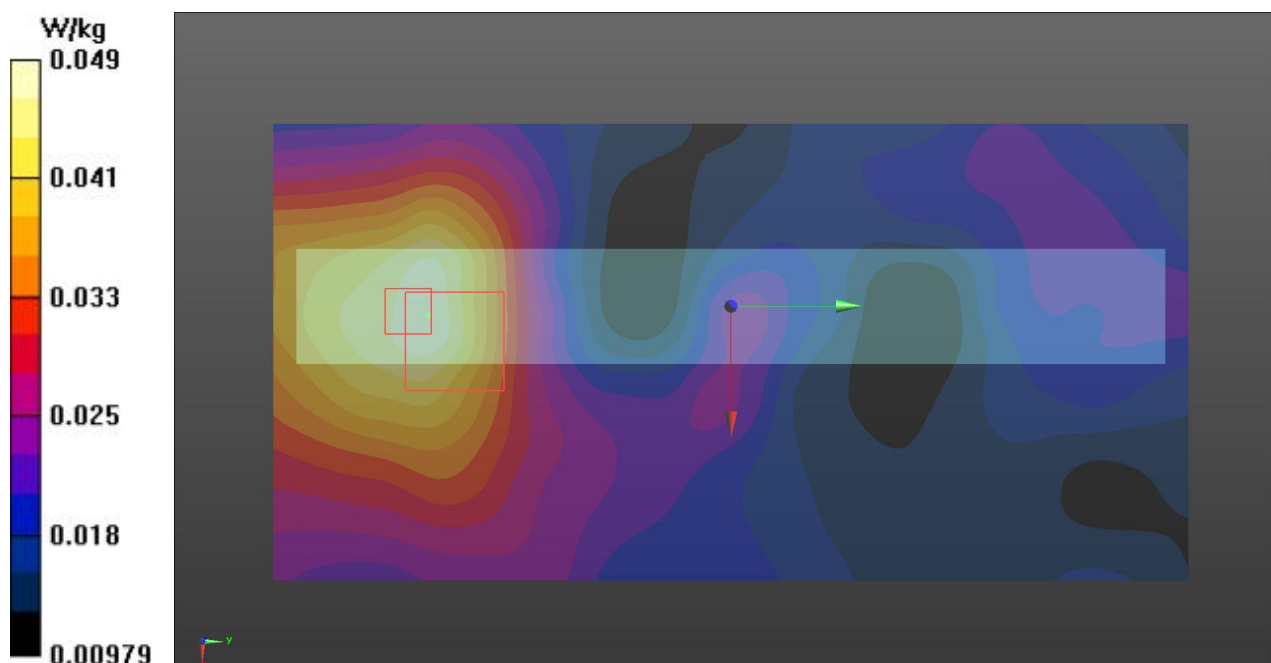
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.211 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0098 W/kg

Maximum value of SAR (measured) = 0.0443 W/kg



P07 802.11a_Front Face_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.735 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.255 W/kg

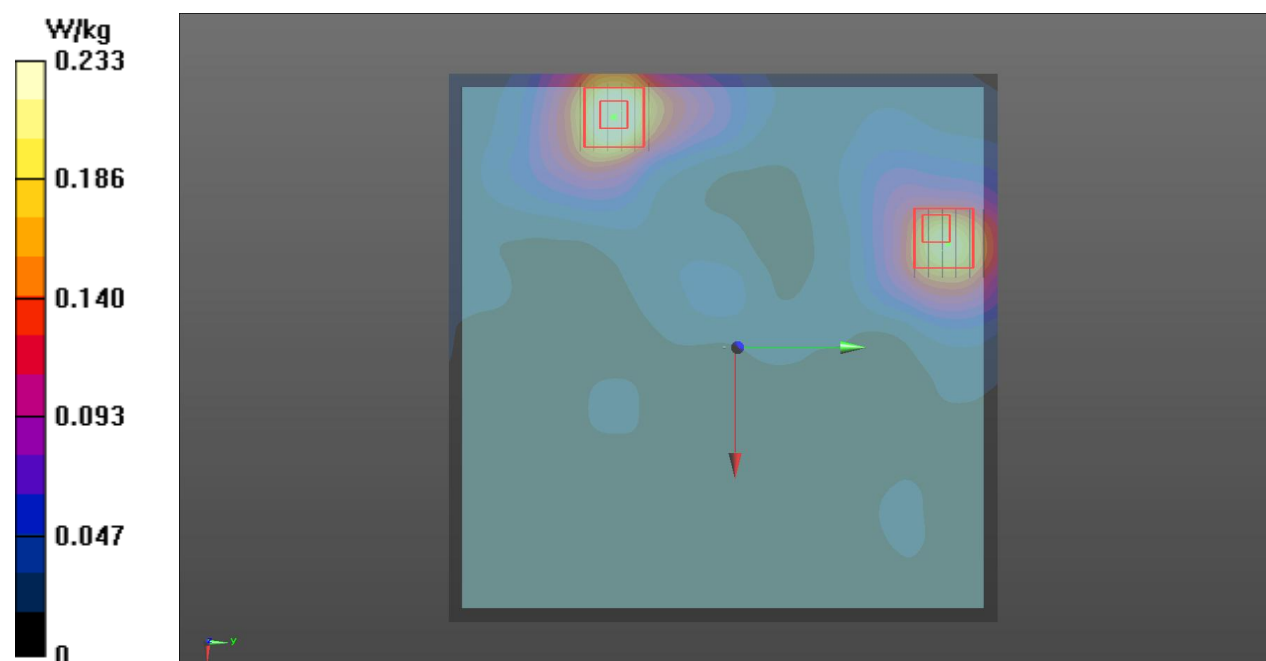
Ch48/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.735 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



P08 802.11a_Rear Face_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.8990 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.274 W/kg

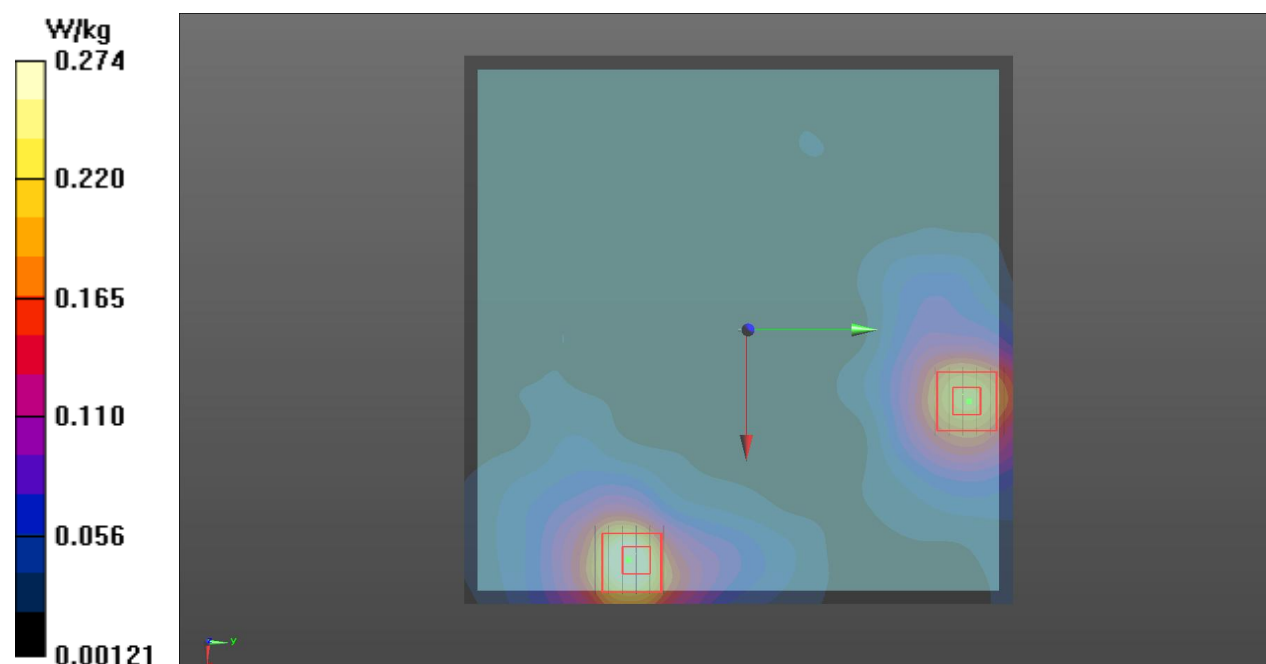
Ch48/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.8990 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.062 W/kg

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



P09 802.11a_Left Side_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (81x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0624 W/kg

Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.795 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0639 W/kg

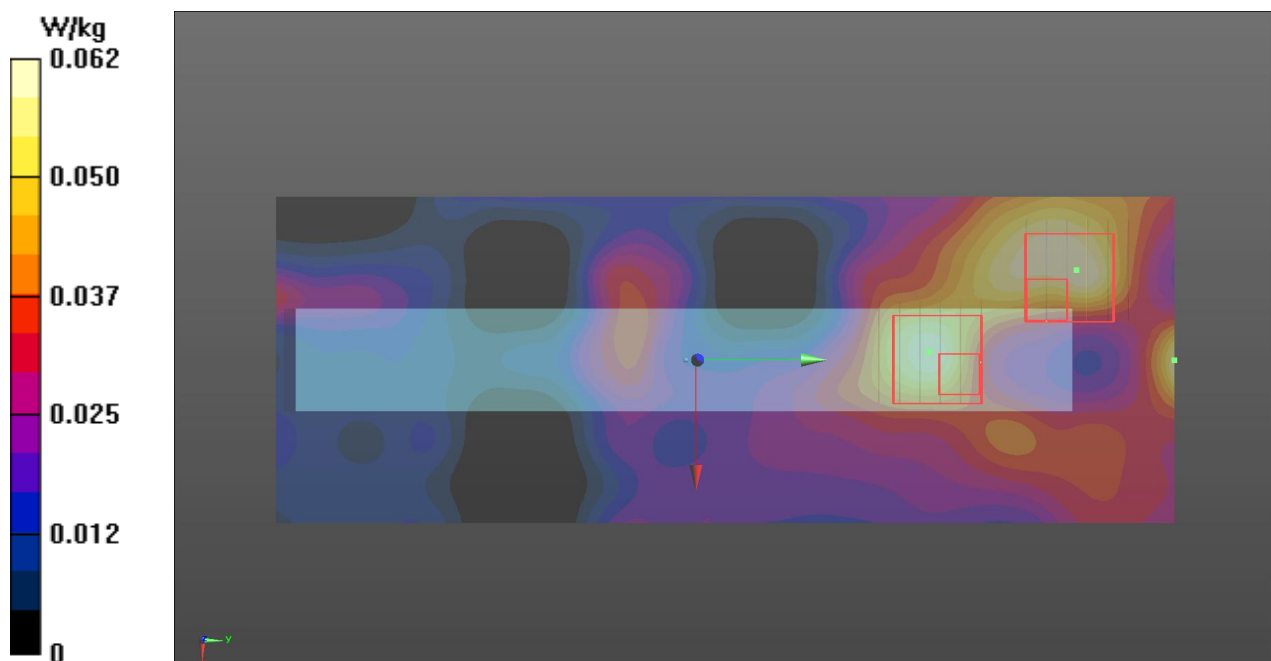
Configuration/Ch48/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.795 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0704 W/kg



P10 802.11a_Right Side_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

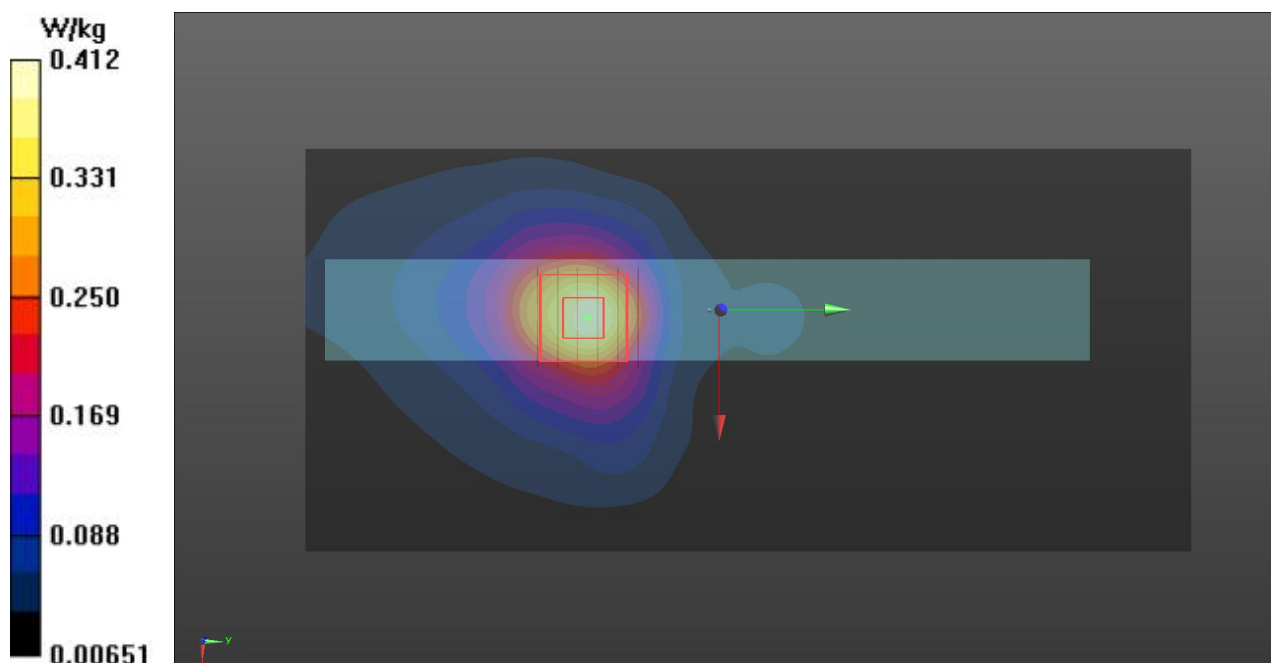
Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.986 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.402 W/kg



P11 802.11a_Top Side_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

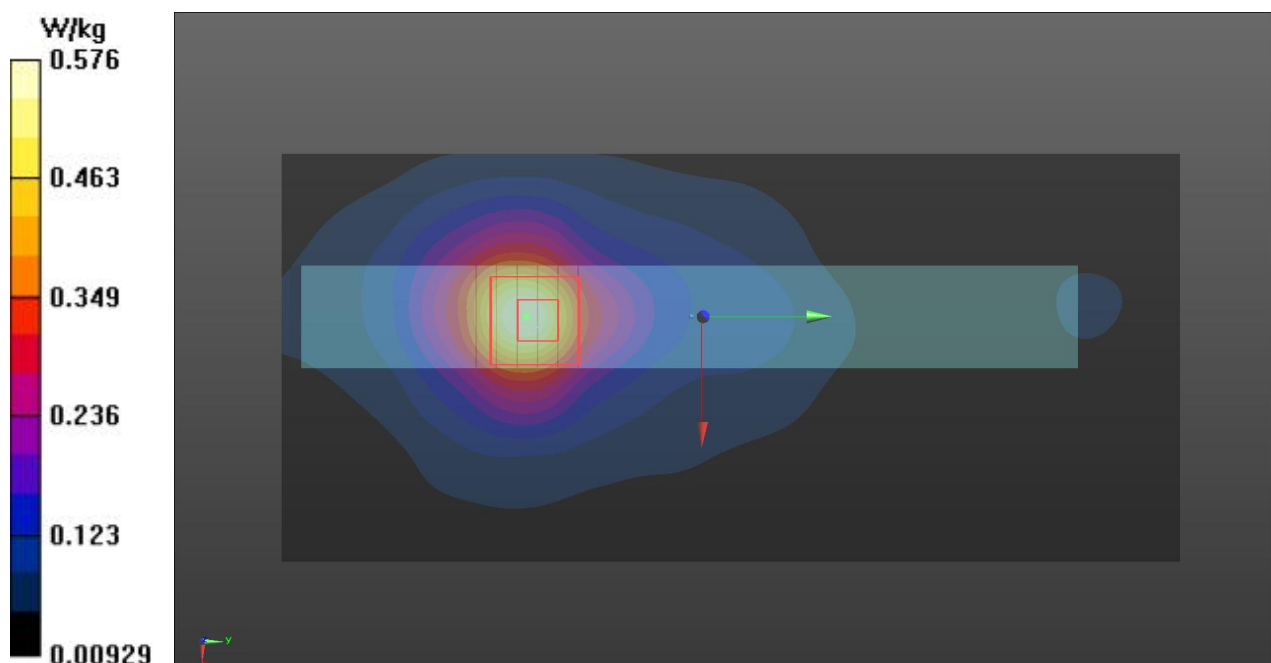
Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.140 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.603 W/kg



P12 802.11a_Bottom Side_1cm_ch48**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.347$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (81x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0289 W/kg

Ch48/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.257 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00652 W/kg

Maximum value of SAR (measured) = 0.0303 W/kg

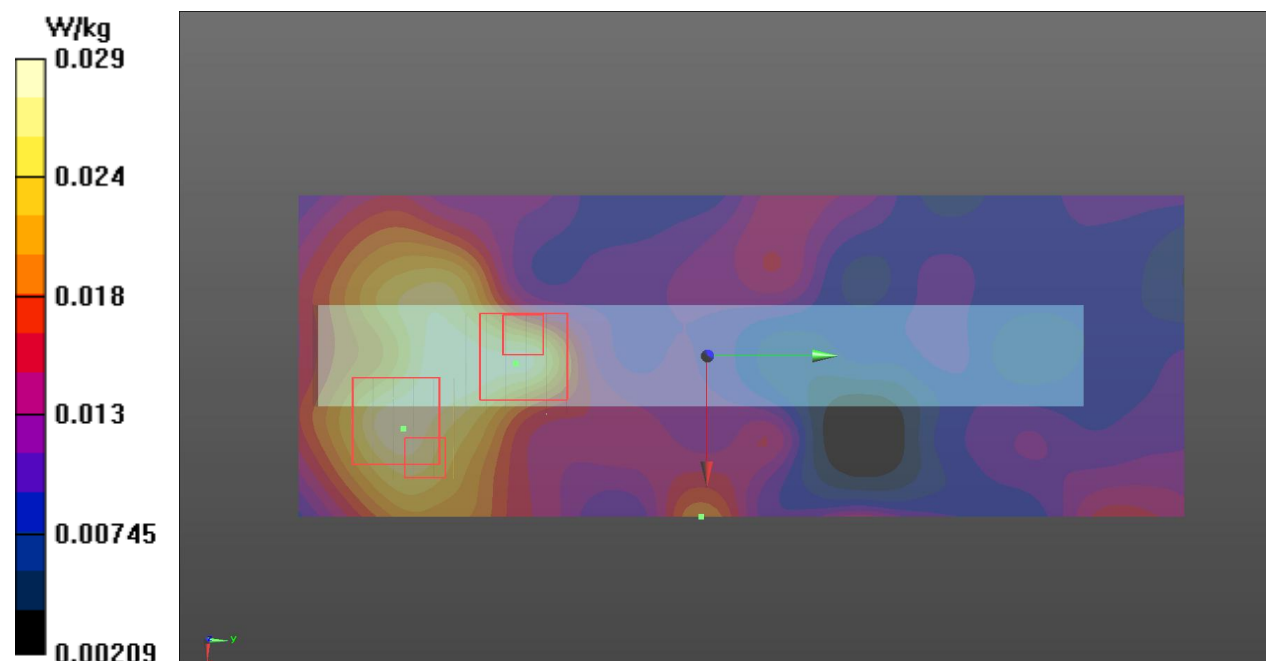
Configuration/Ch48/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.257 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.00903 W/kg; SAR(10 g) = 0.00302 W/kg

Maximum value of SAR (measured) = 0.0282 W/kg



P13 802.11n_HT40_Top Side_1cm_ch46**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_140812 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.337$ S/m; $\epsilon_r = 47.619$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (101x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

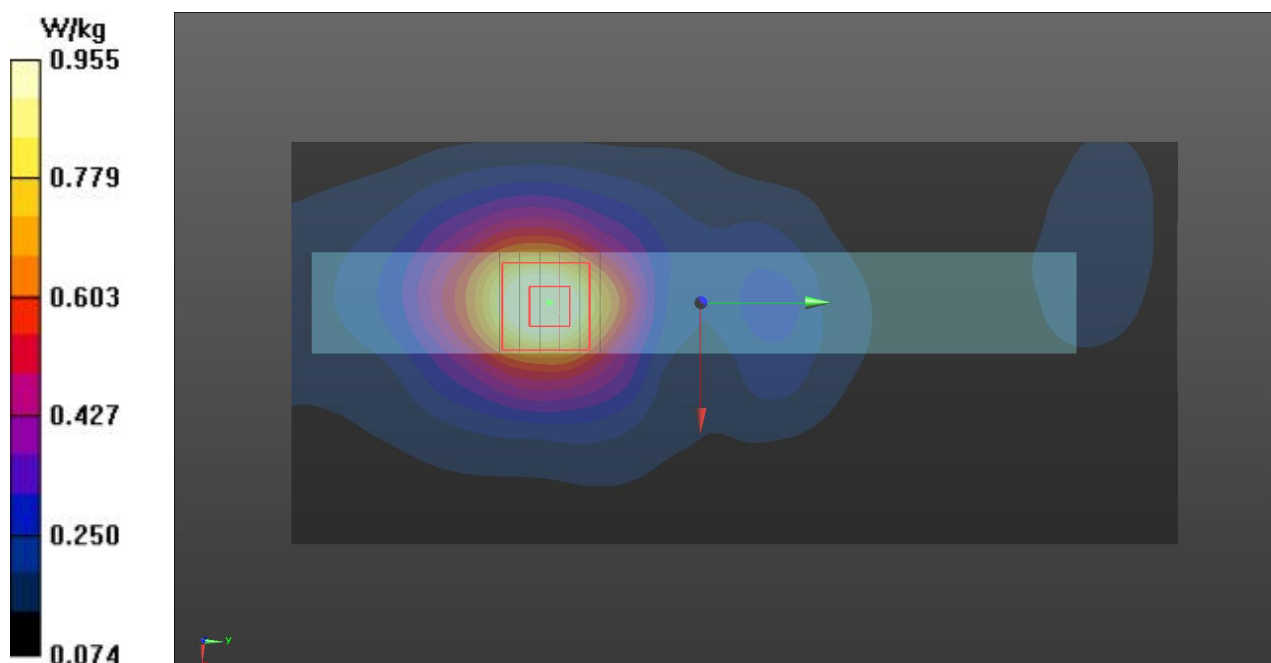
Ch46/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.445 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.955 W/kg



P37 802.11a_VHT40_Top Side_1cm_ch46**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_140818 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.335$ S/m; $\epsilon_r = 47.596$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.6 °C ; **Liquid Temperature:** 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (81x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.858 W/kg

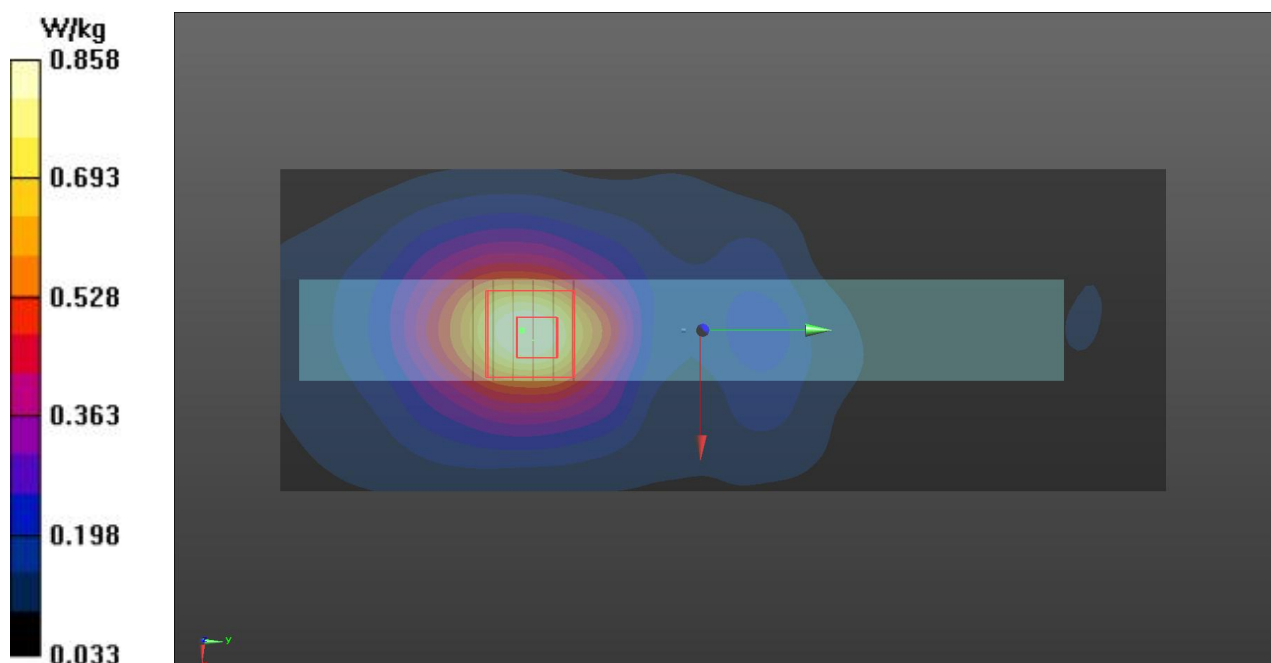
Ch46/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.507 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.832 W/kg



P38 802.11a_VHT80_Top Side_1cm_ch42**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: B5G_140818 Medium parameters used: $f = 5210$ MHz; $\sigma = 5.31$ S/m; $\epsilon_r = 47.615$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.6 °C ; **Liquid Temperature:** 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch42/Area Scan (81x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.213 W/kg

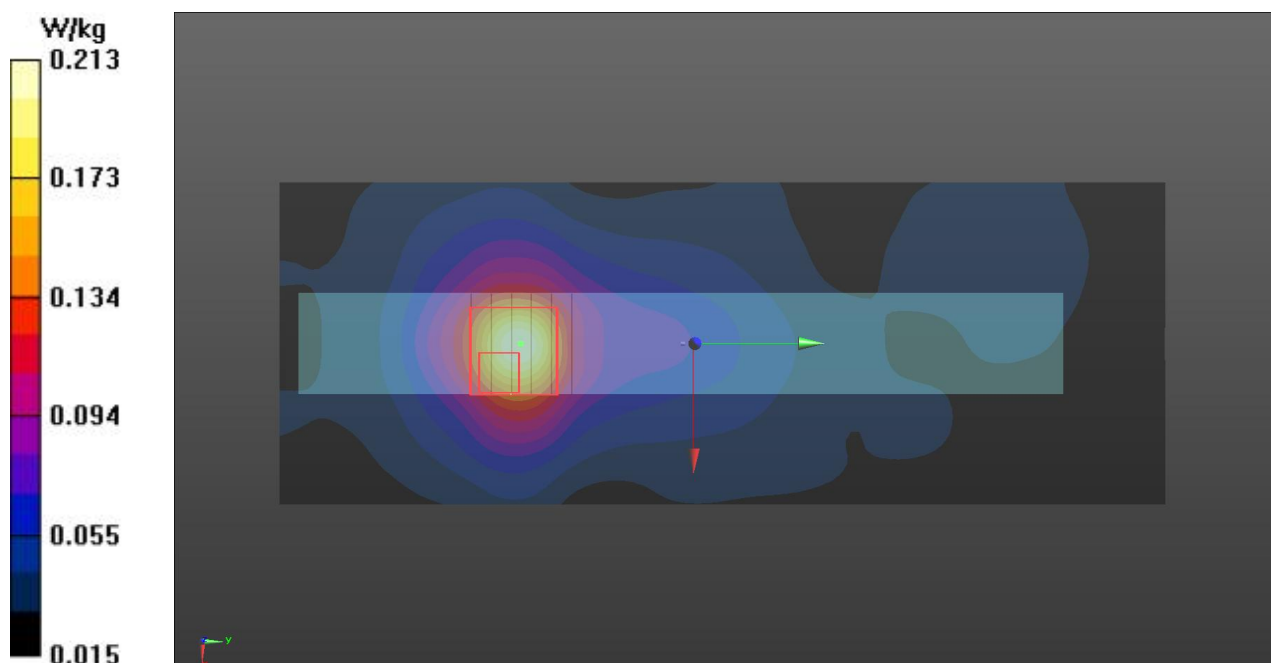
Ch42/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 3.682 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



P30 802.11a_Front Face_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.767 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.490 W/kg

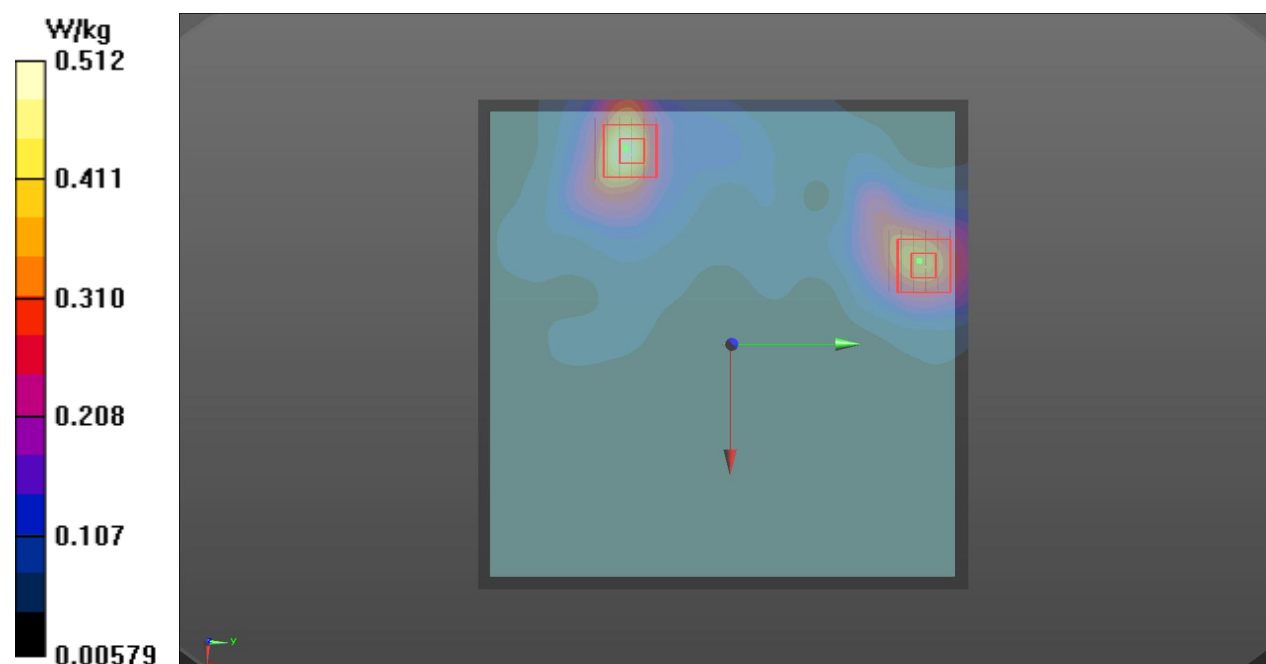
Ch157/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.767 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.087 W/kg

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



P31 802.11a_Rear Face_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (201x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

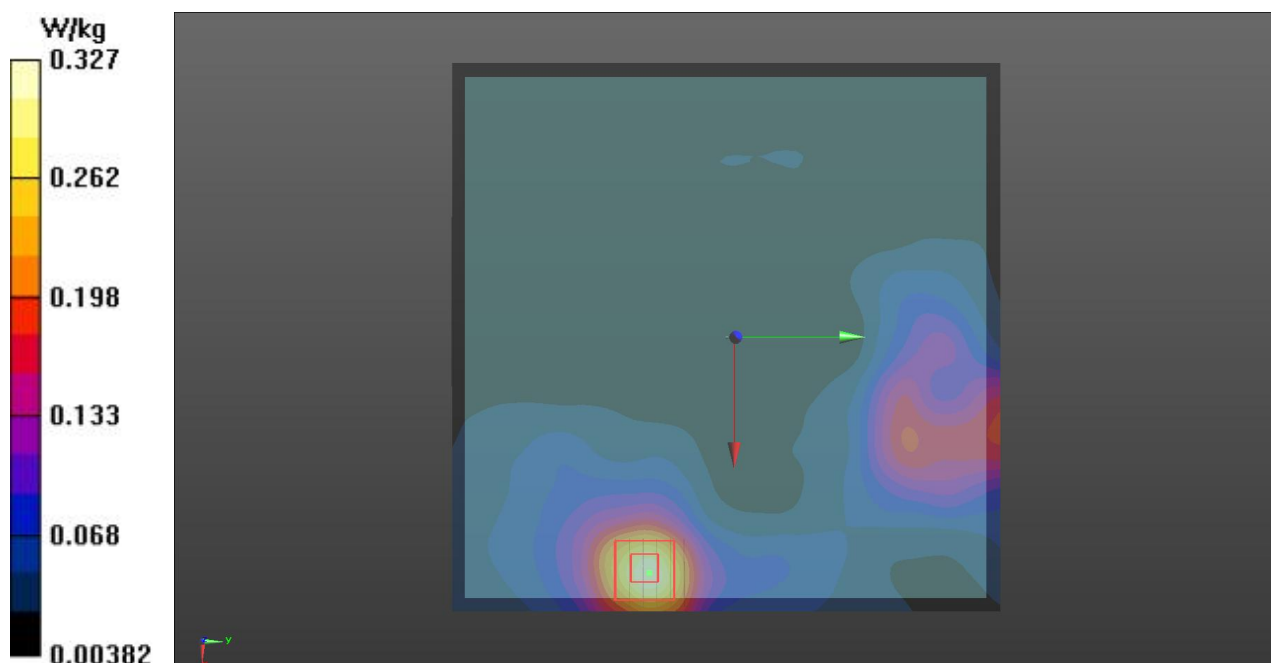
Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.4790 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.087 W/kg

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



P32 802.11a_Left Side_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (81x221x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0713 W/kg

Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.355 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0695 W/kg

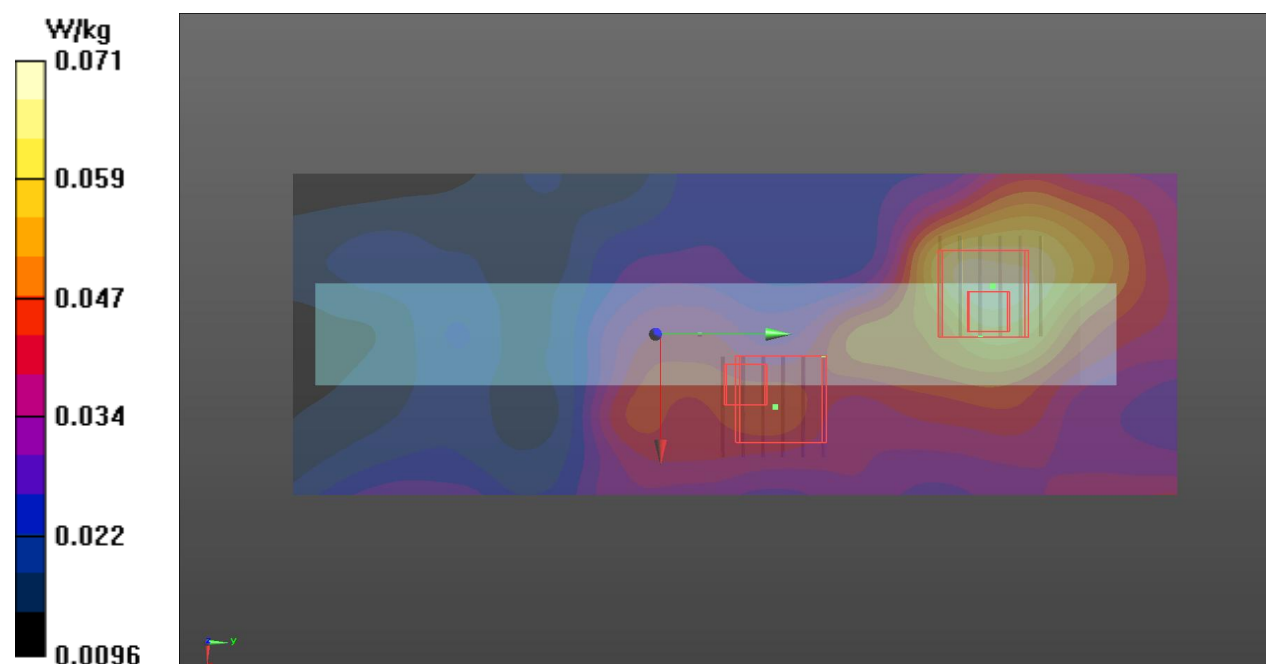
Ch157/Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.355 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0530 W/kg



P33 802.11a_Right Side_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.912 W/kg

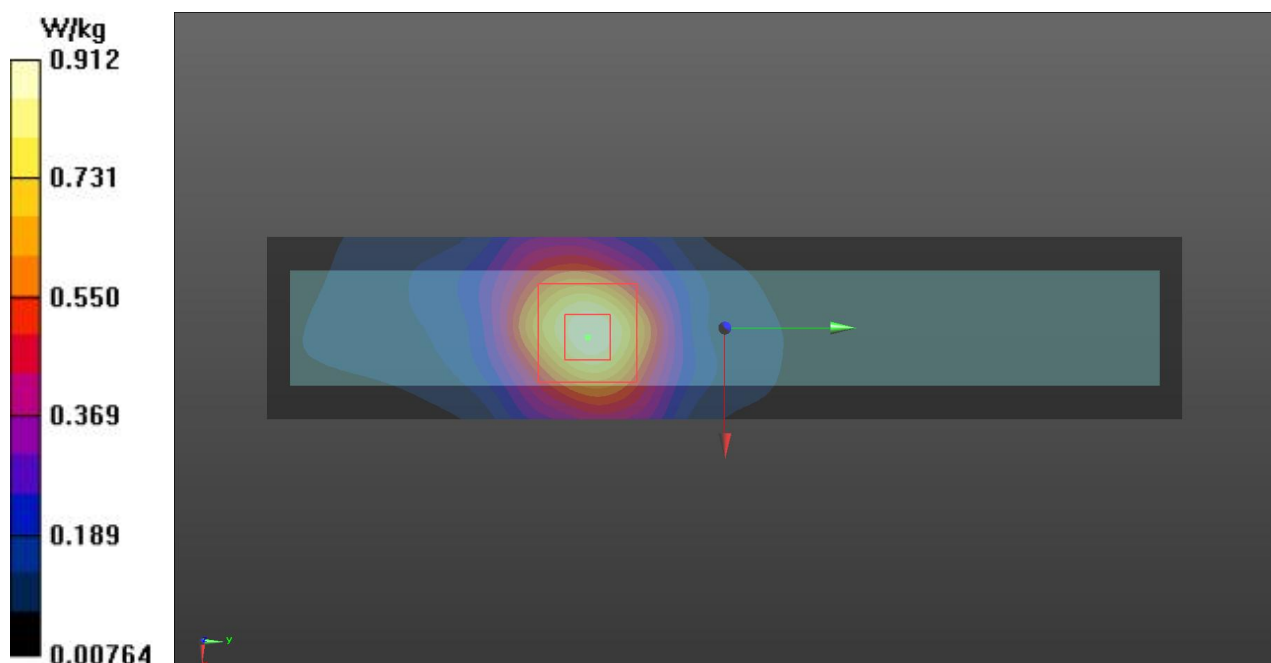
Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.289 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.939 W/kg



P34 802.11a_Top Side_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

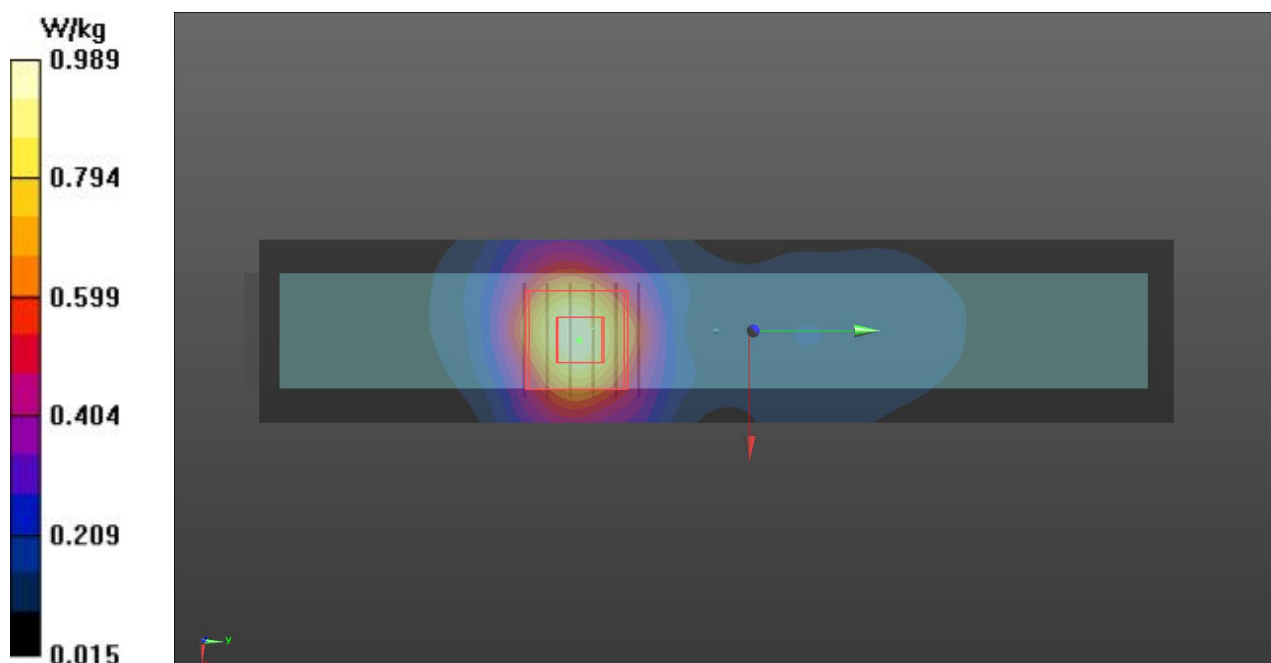
Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.386 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.996 W/kg



P35 802.11a_Bottom Side_1cm_ch157**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.201$ S/m; $\epsilon_r = 46.424$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (81x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

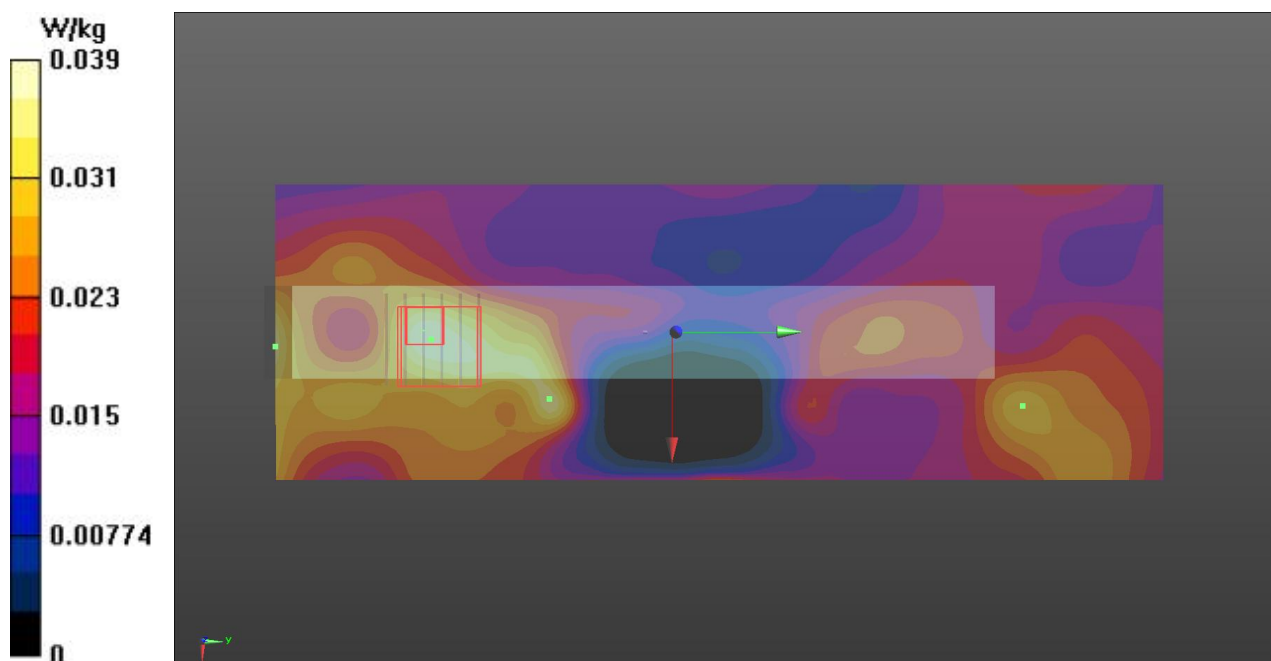
Ch157/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.398 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0428 W/kg



P36 802.11a_VHT80_Top Side_1cm_ch155**DUT: 462101**

Communication System: WLAN_5G; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: B5G_140814 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.196$ S/m; $\epsilon_r = 46.475$; $\rho = 1000$ kg/m³**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2014/5/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2014/2/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (41x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

Ch155/Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.109 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.267 W/kg

