

P01 802.11b_Horizontal Up_0.5cm_Ch11_Ch0**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.198 mW/g

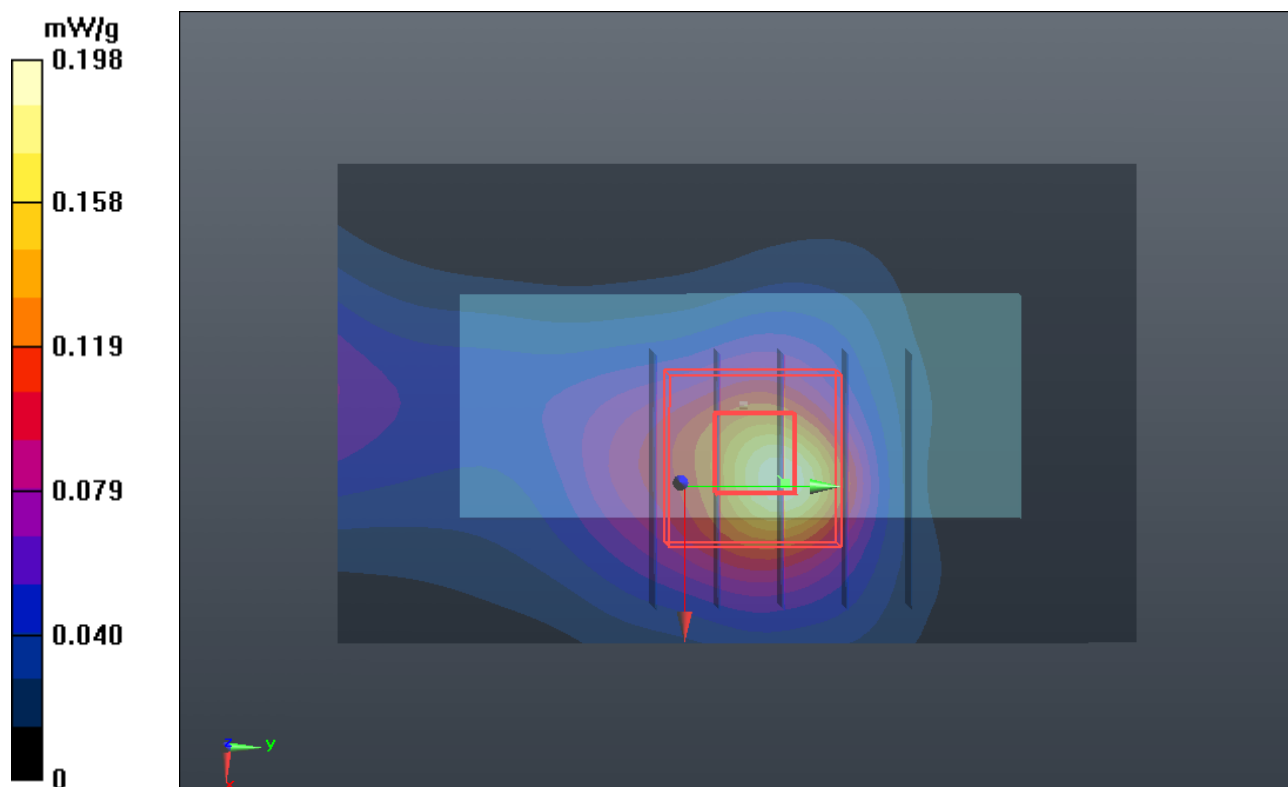
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.108 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.3050

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



P02 802.11b_Horizontal Down_0.5cm_Ch11_Ch0**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.214 mW/g

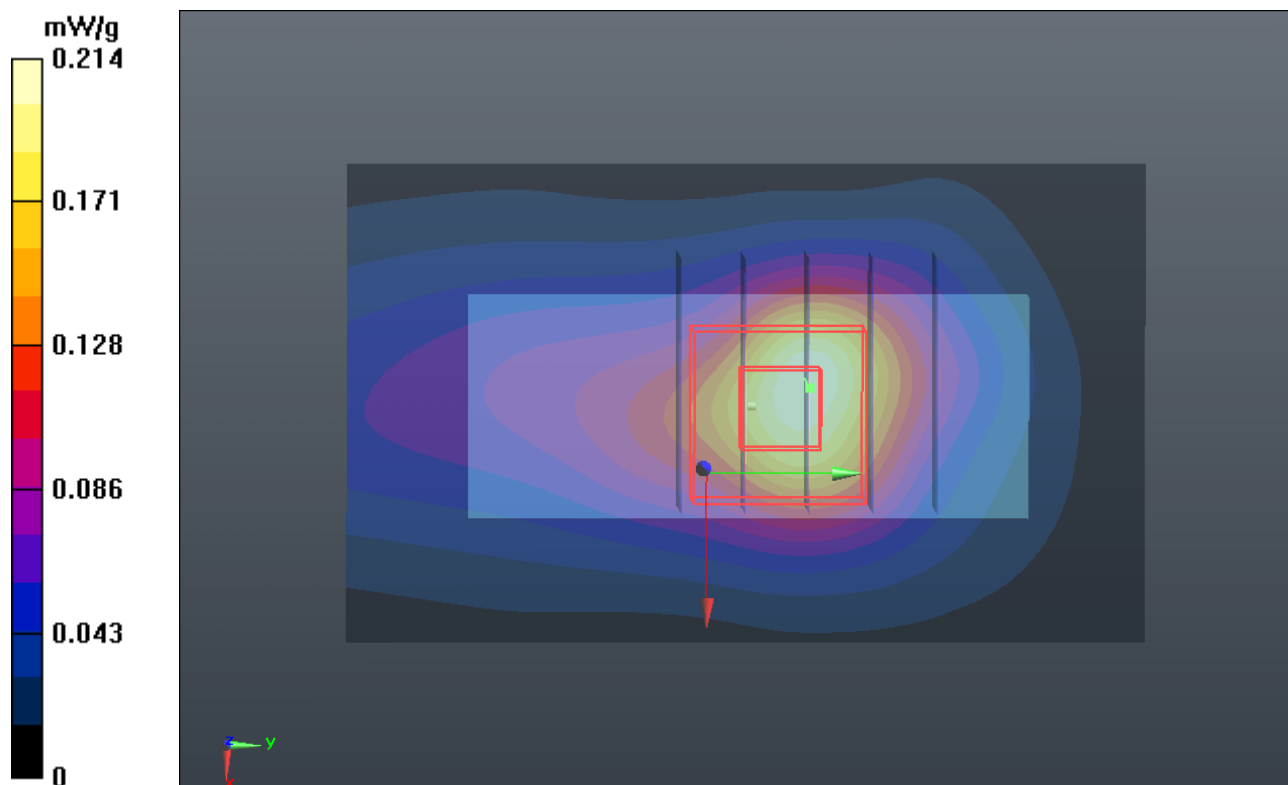
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.561 V/m; Power Drift = 0.02 dB

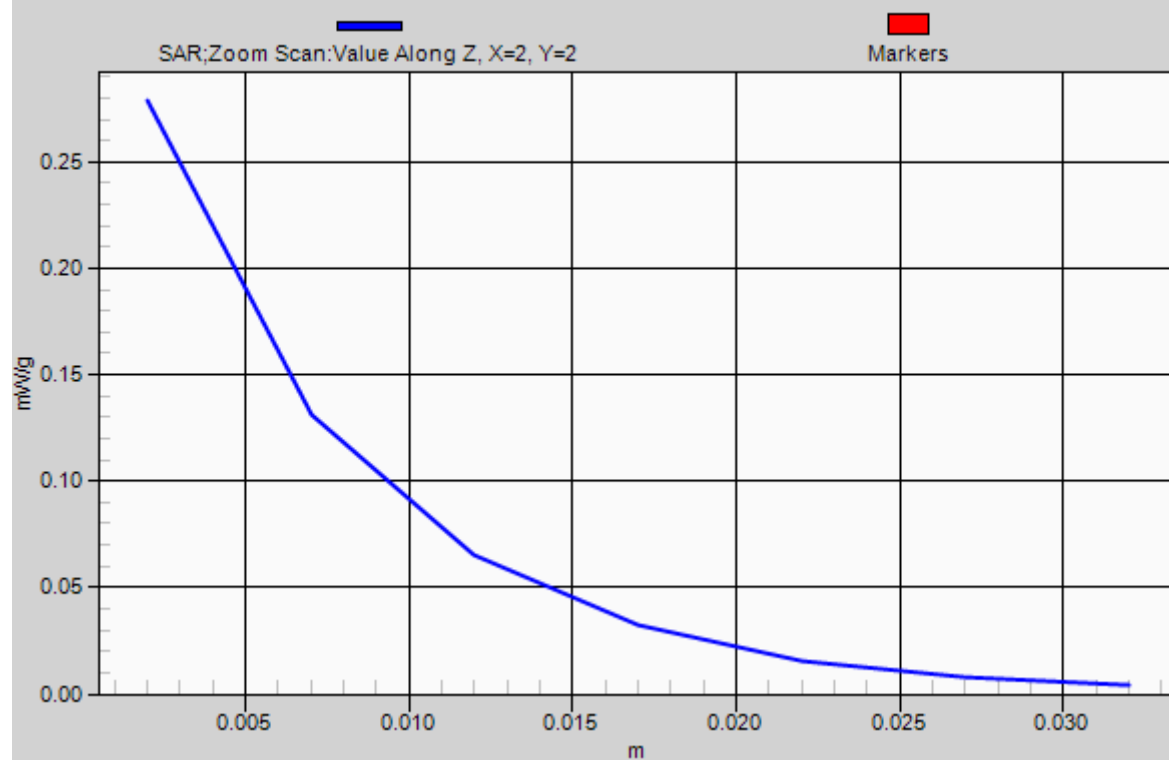
Peak SAR (extrapolated) = 0.4090

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



1g/10g Averaged SAR



P03 802.11b_Vertical Front_0.5cm_Ch11_Ch0**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.059 mW/g

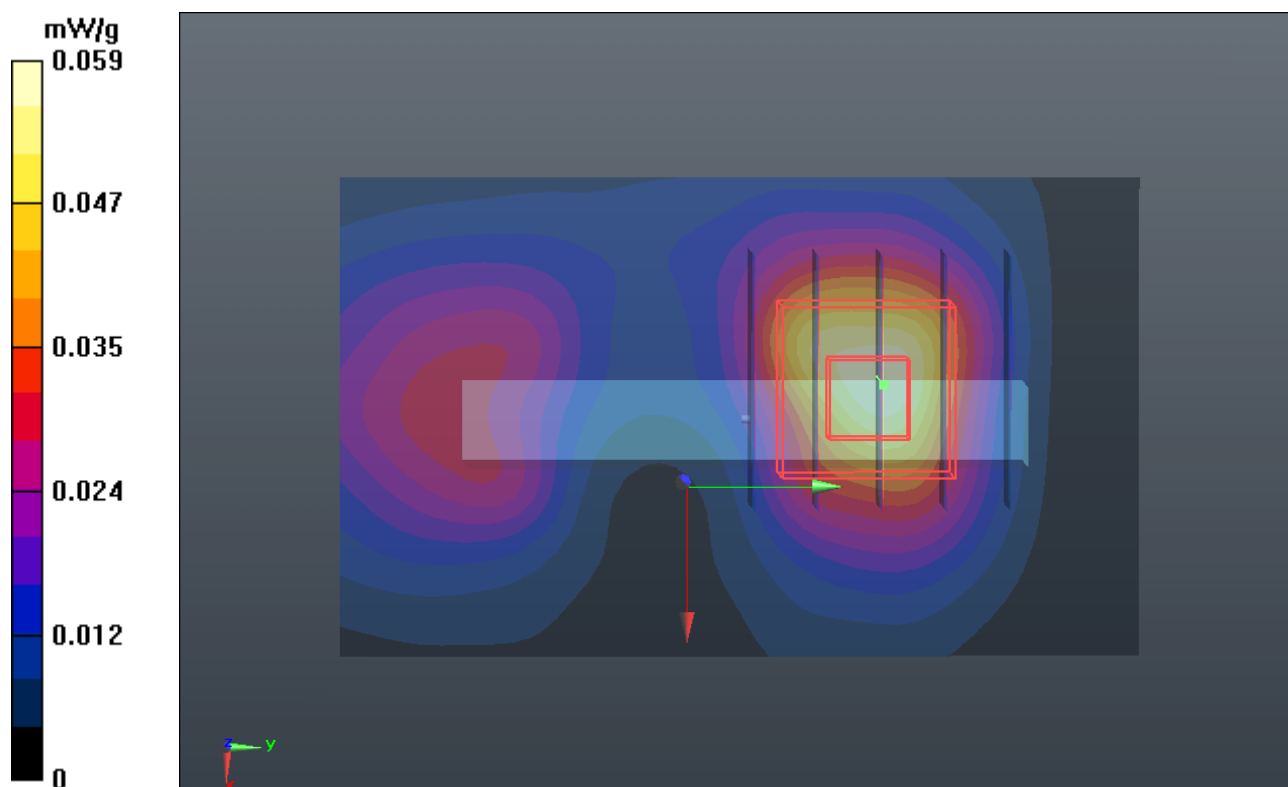
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.623 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.1050

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



P04 802.11b_Vertical Back_0.5cm_Ch11_Ch0**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.142 mW/g

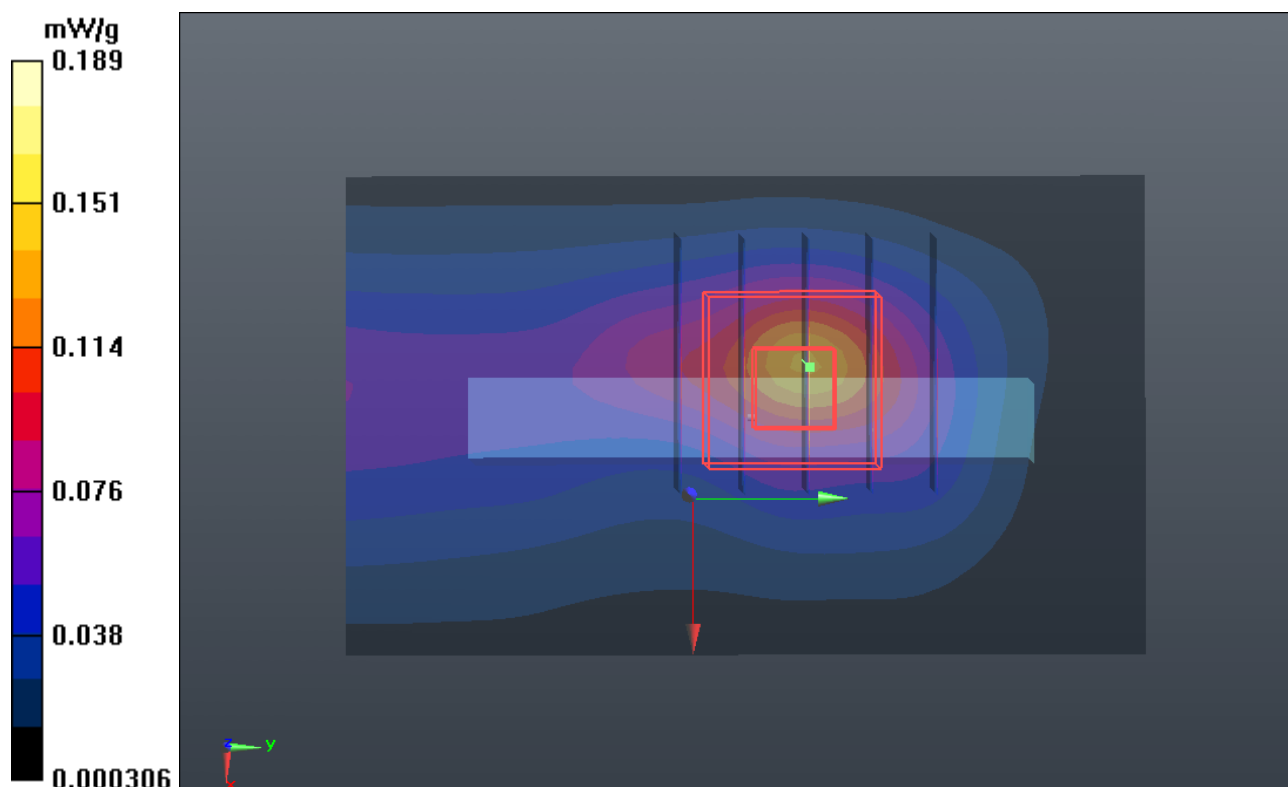
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.947 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.2850

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.189 mW/g



P05 802.11b_HT20_Tip Mode_0.5cm_Ch11_Ch0**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.038 mW/g

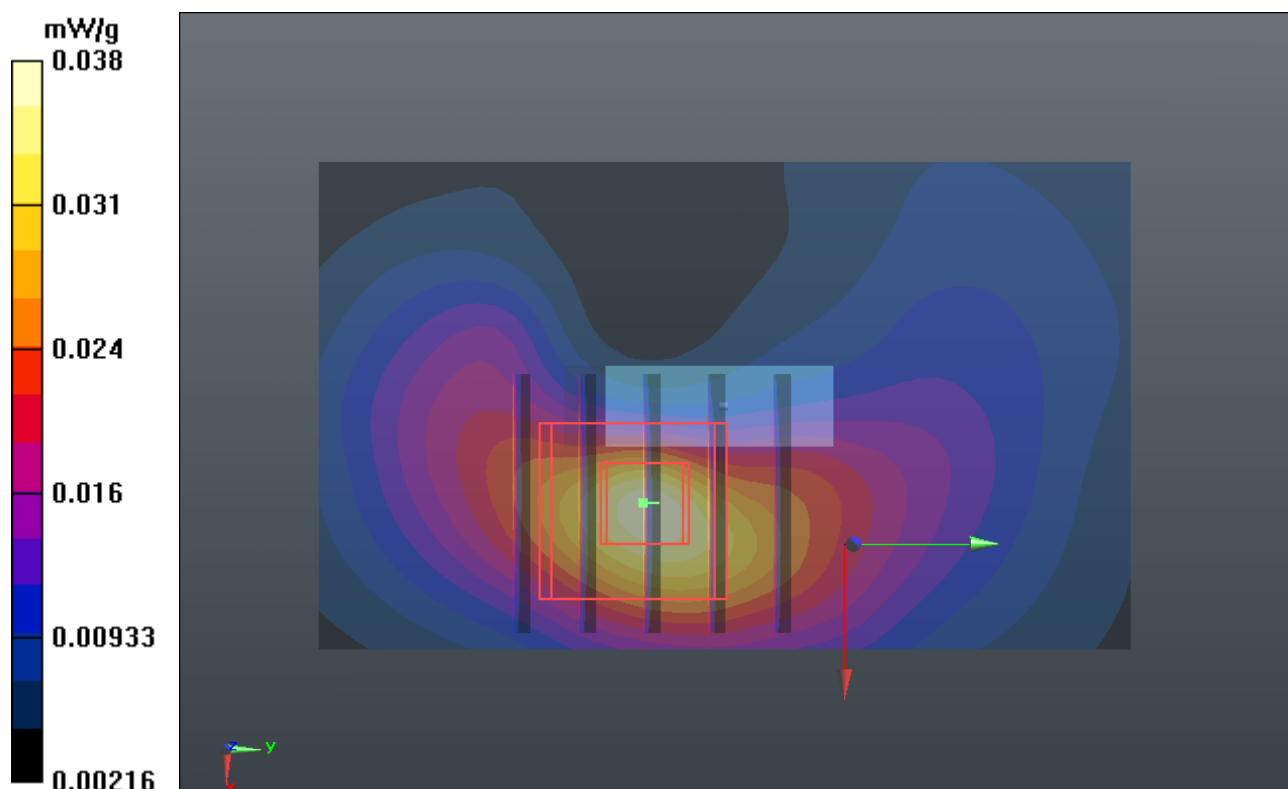
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.829 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.0540

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.039 mW/g



P08 802.11a_Horizontal Up_0.5cm_Ch40_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 50.972$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.227 mW/g

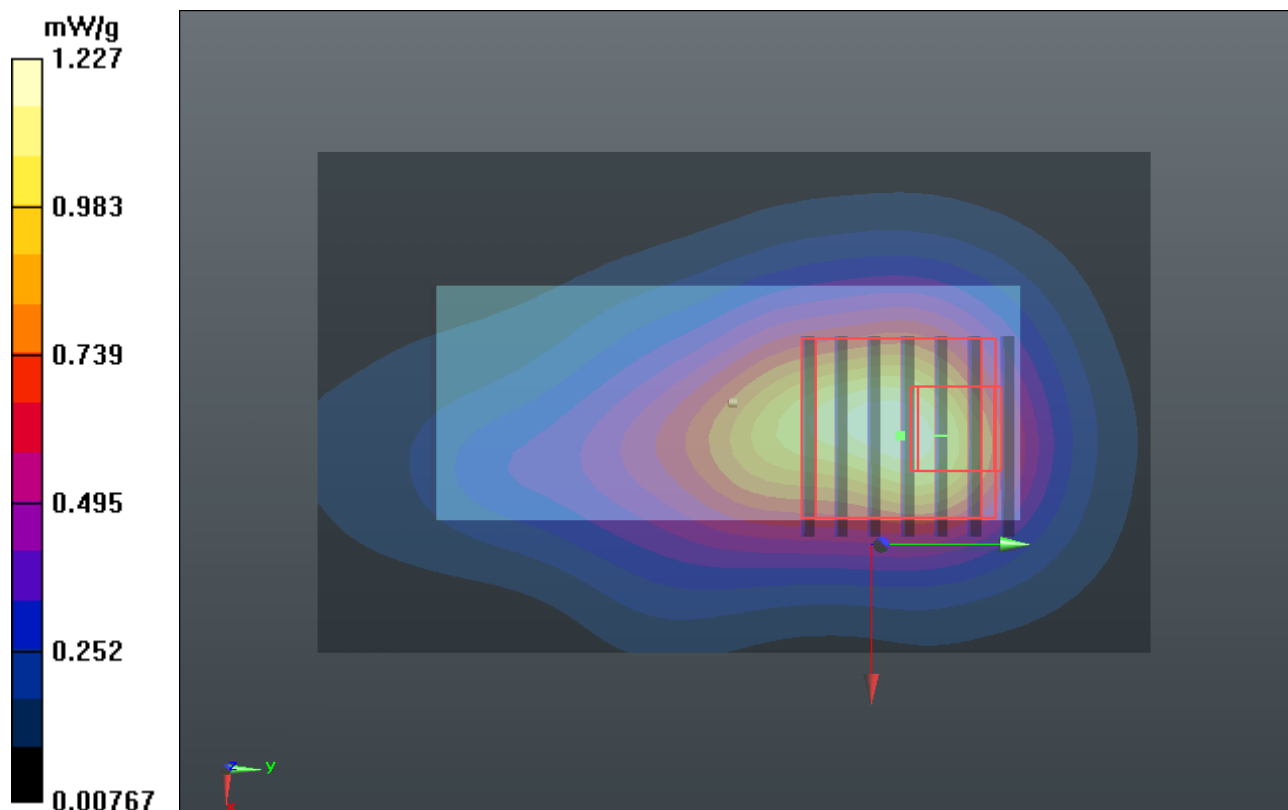
Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.325 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.6420

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



P09 802.11a_Horizontal Down_0.5cm_Ch40_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 50.972$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.403 mW/g

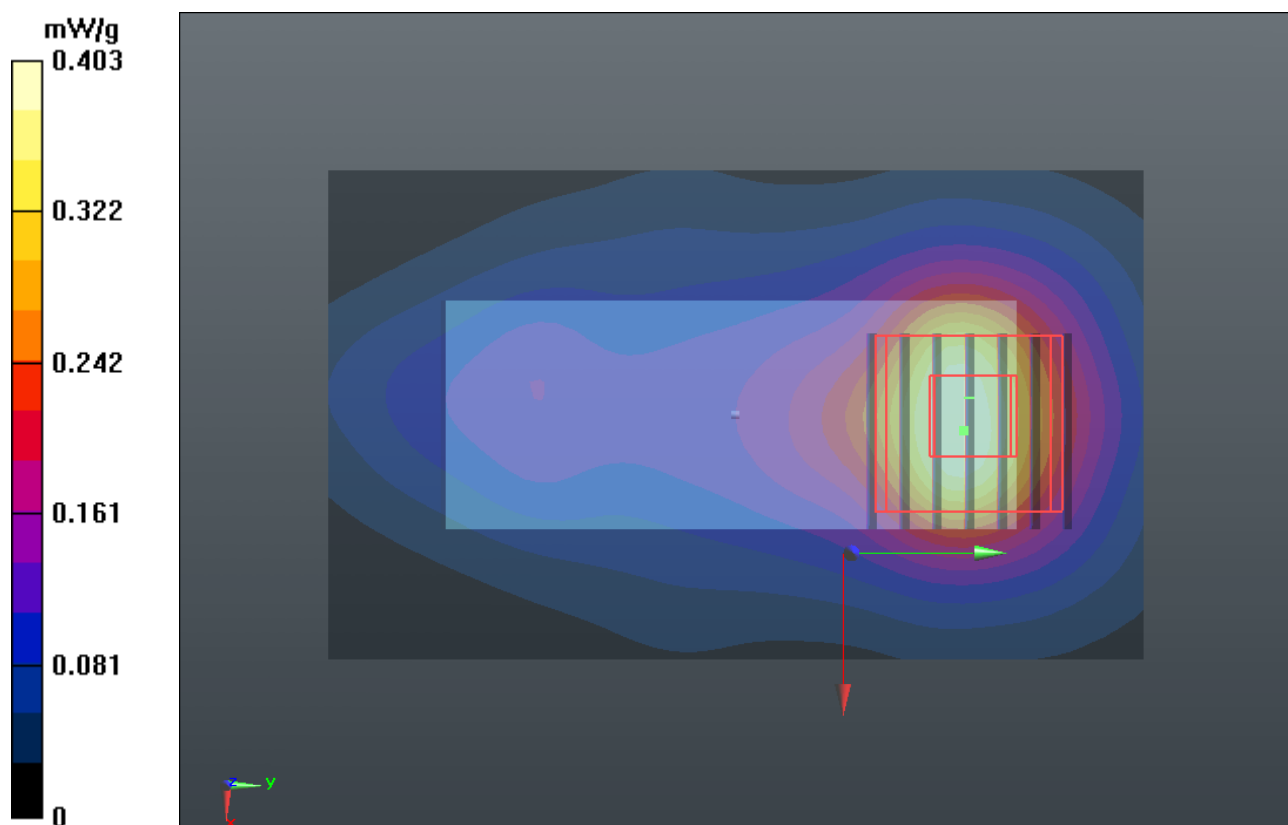
Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.880 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.7600

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



P10 802.11a_Vertical Front_0.5cm_Ch40_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.194$ mho/m; $\epsilon_r = 50.928$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.266 mW/g

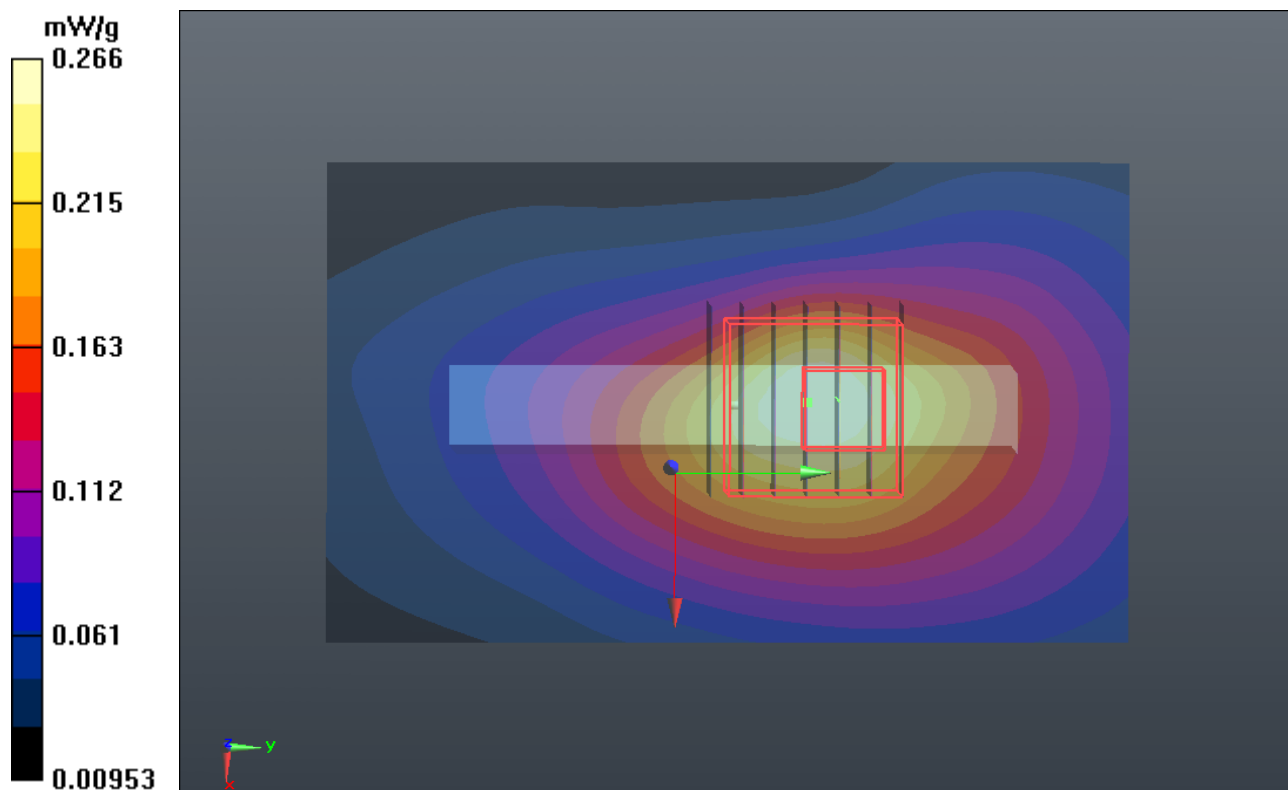
Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.230 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.5620

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.277 mW/g



P11 802.11a_Vertical Back_0.5cm_Ch40_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 50.972$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.478 mW/g

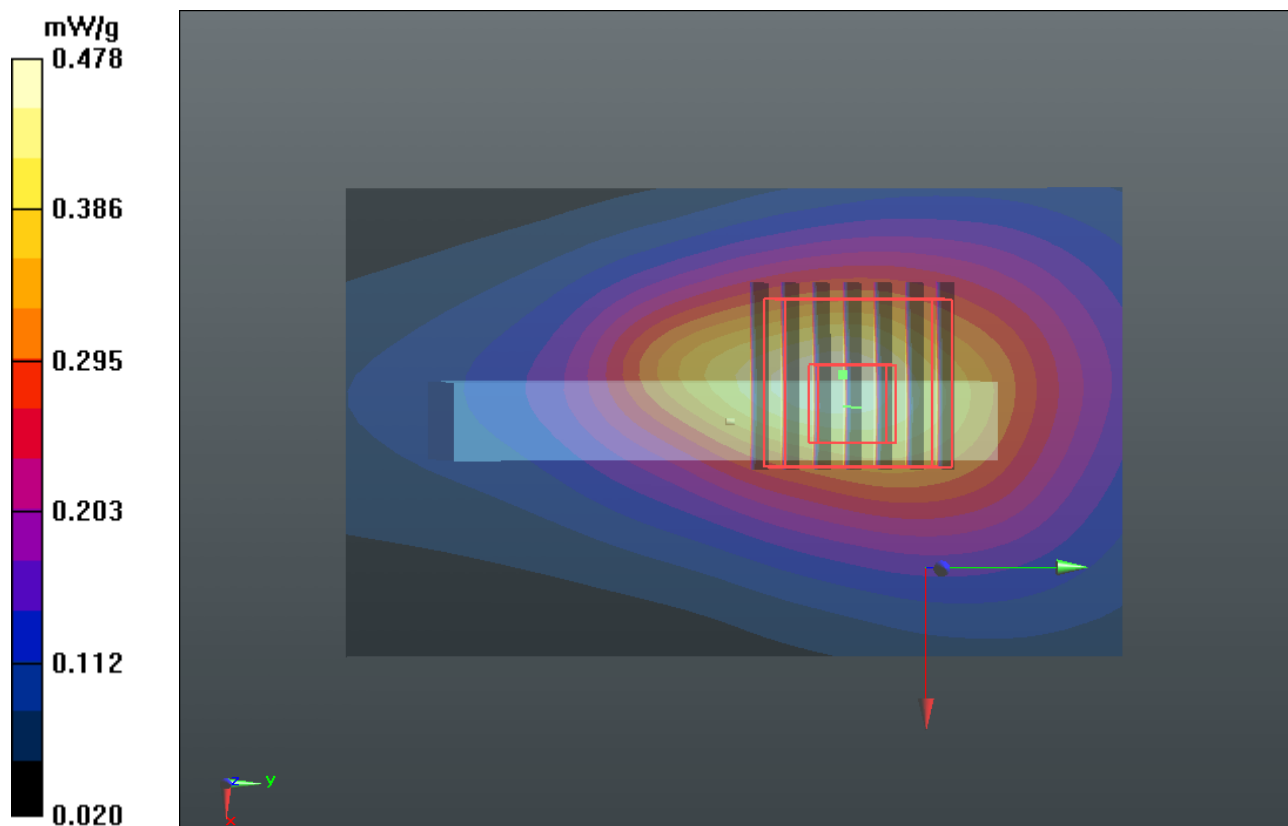
Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.527 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 1.3960

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



P12 802.11a_Tip_0.5cm_Ch40_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.163$ mho/m; $\epsilon_r = 47.766$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch40/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.649 mW/g

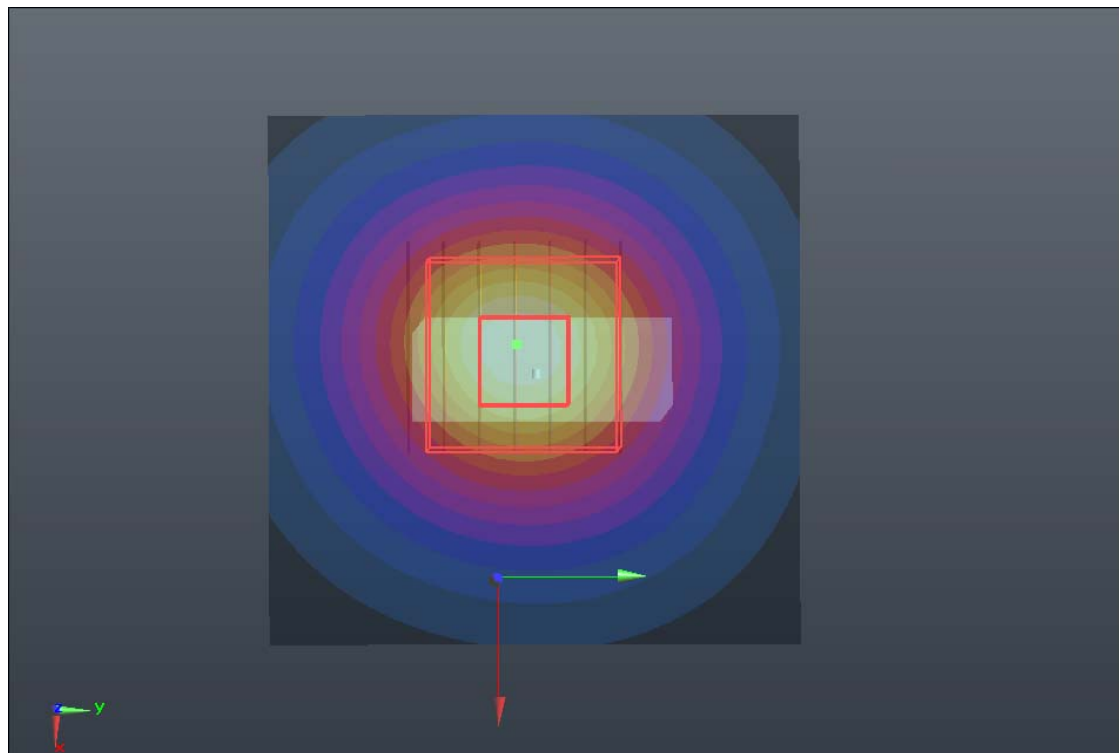
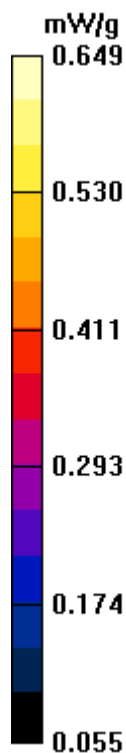
Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.390 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.4740

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.797 mW/g



P16 802.11a_Horizontal Up_0.5cm_Ch64_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.406$ mho/m; $\epsilon_r = 50.828$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.364 mW/g

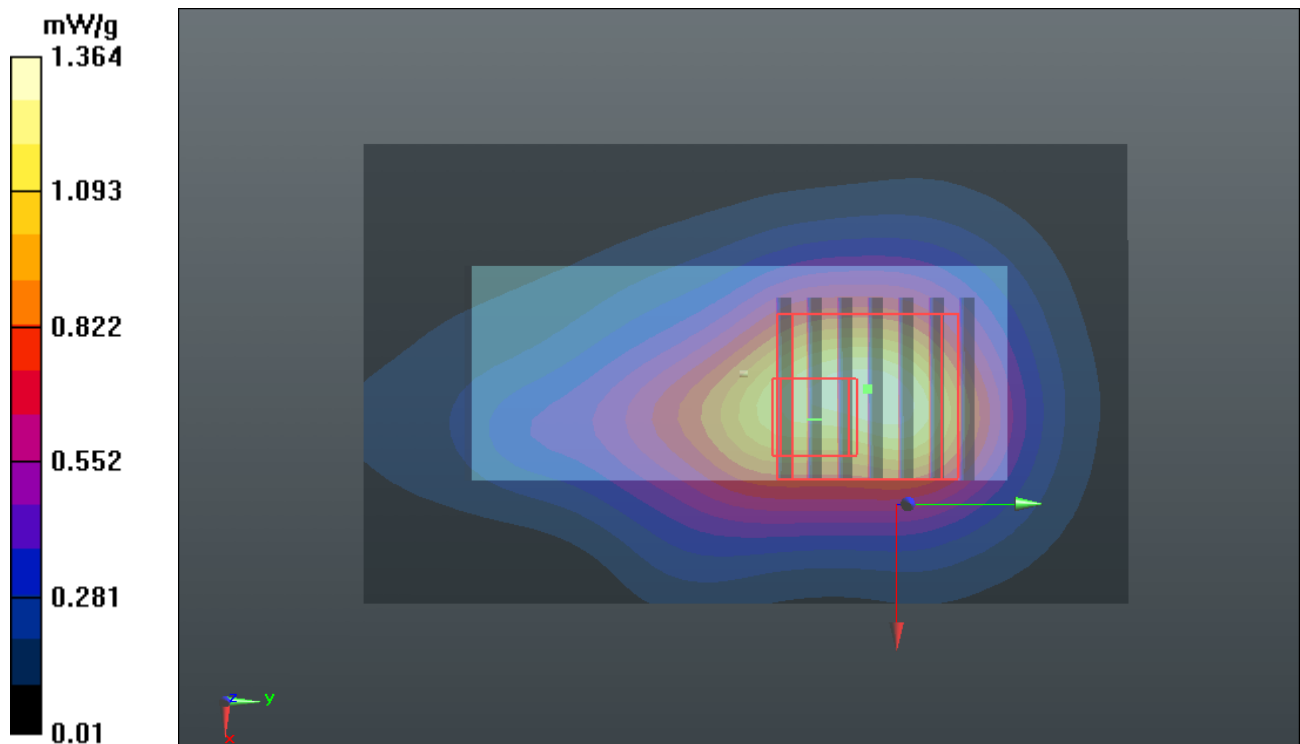
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.497 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 1.7870

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



P17 802.11a_Horizontal Down_0.5cm_Ch64_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.406$ mho/m; $\epsilon_r = 50.828$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.449 mW/g

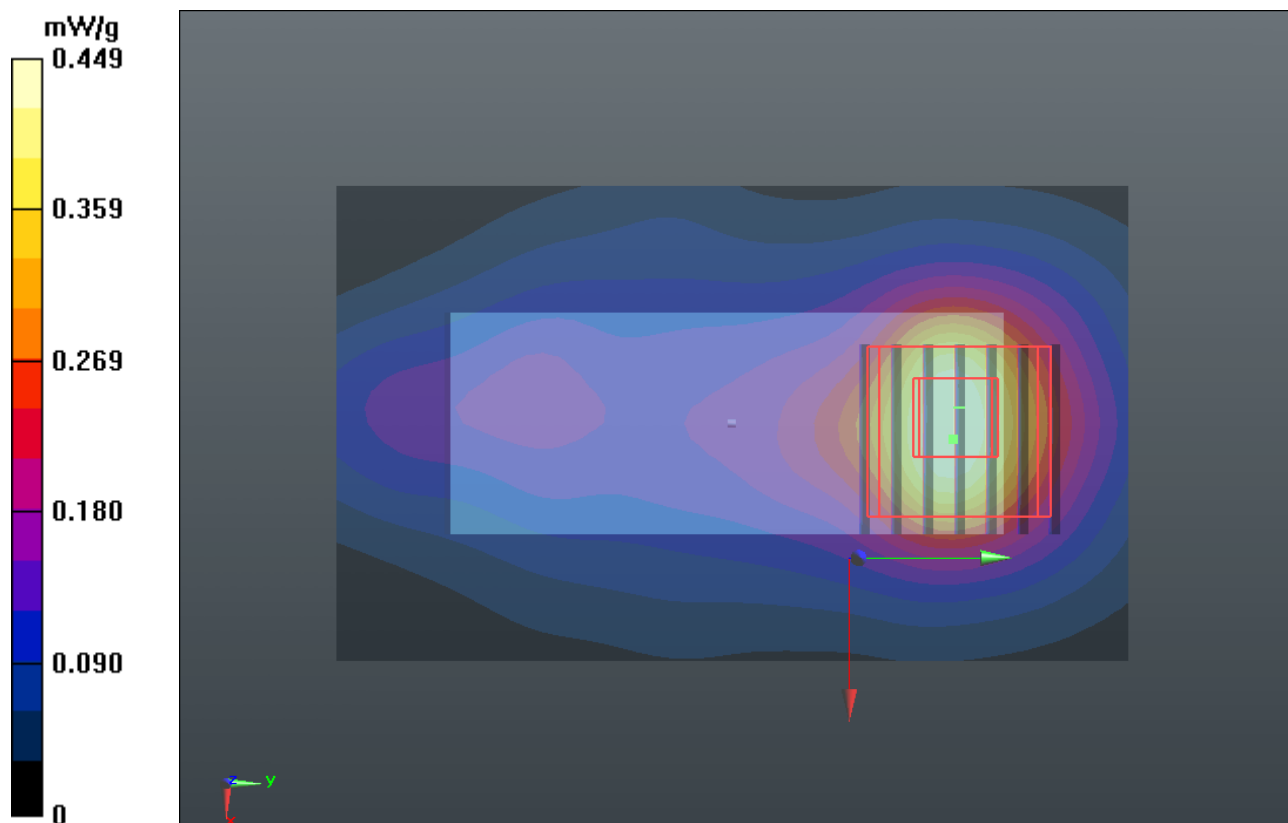
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.271 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.8200

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.464 mW/g



P18 802.11a_Vertical Front_0.5cm_Ch64_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 50.788$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.182 mW/g

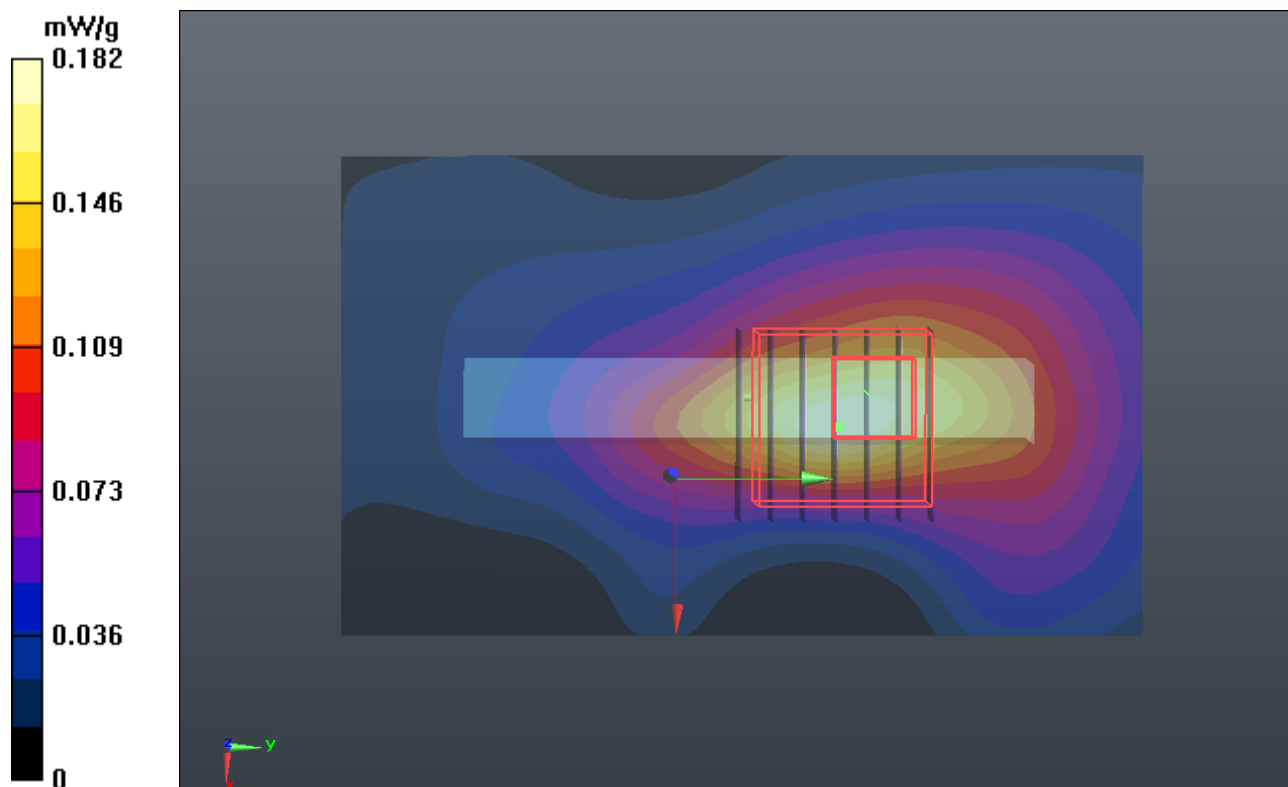
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.930 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.4940

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.281 mW/g



P19 802.11a_Vertical Back_0.5cm_Ch64_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.406$ mho/m; $\epsilon_r = 50.828$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.726 mW/g

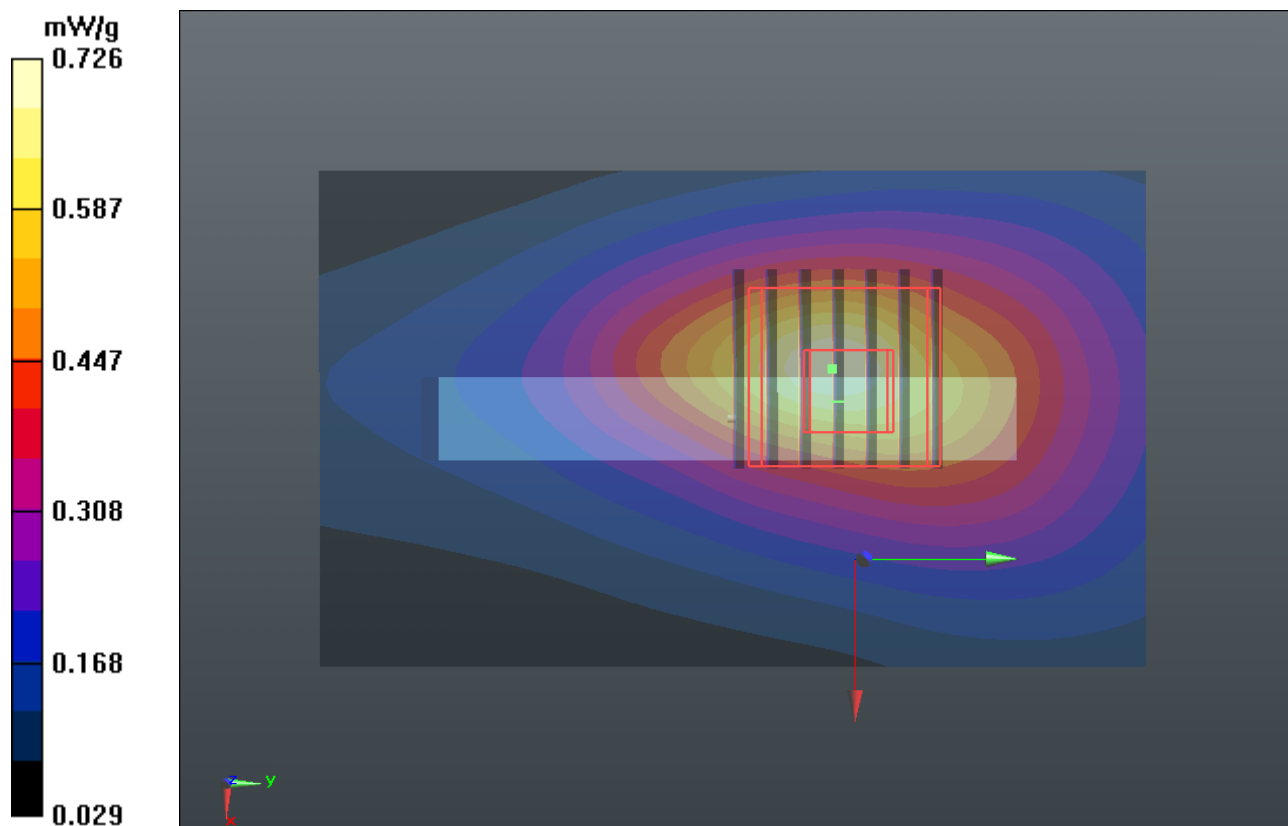
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.524 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.8440

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.987 mW/g



P20 802.11a_Tip_0.5cm_Ch64_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.349$ mho/m; $\epsilon_r = 47.883$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.699 mW/g

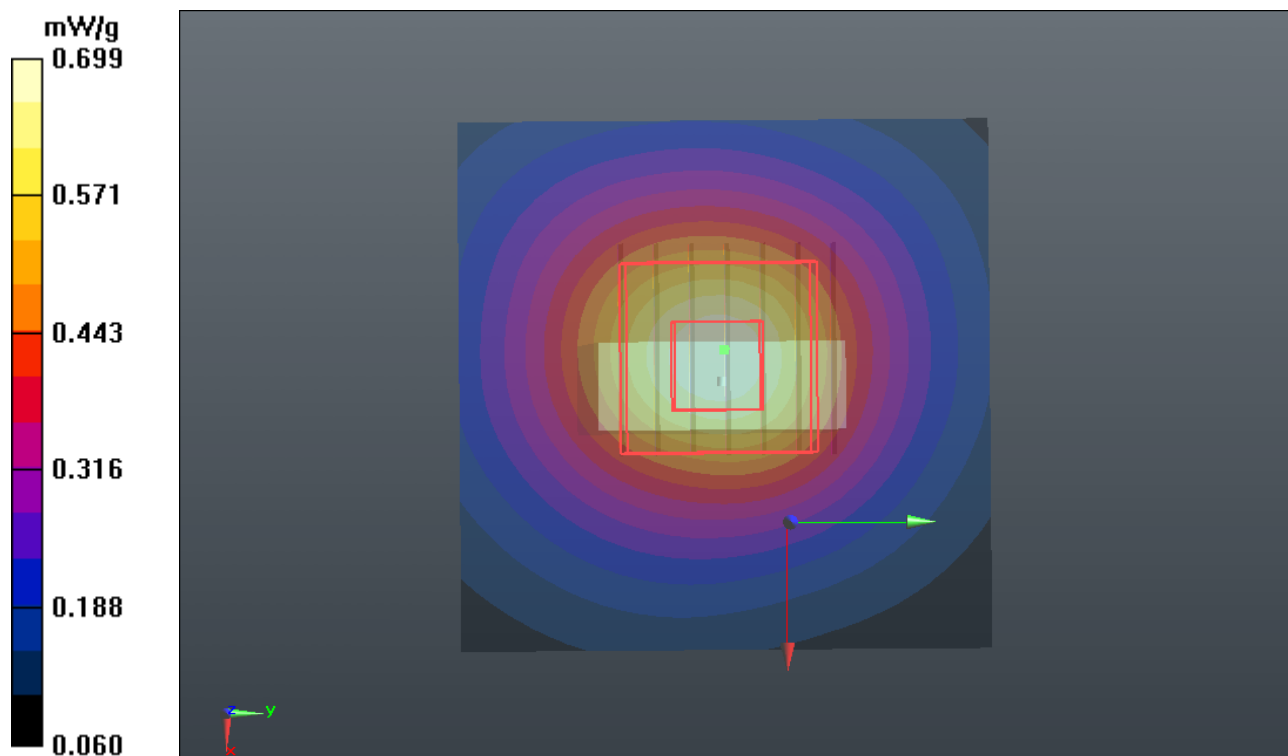
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.285 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.6250

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.913 mW/g



P26 802.11a_Horizontal Up_0.5cm_Ch116_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.845$ mho/m; $\epsilon_r = 50.313$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch116/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.108 mW/g

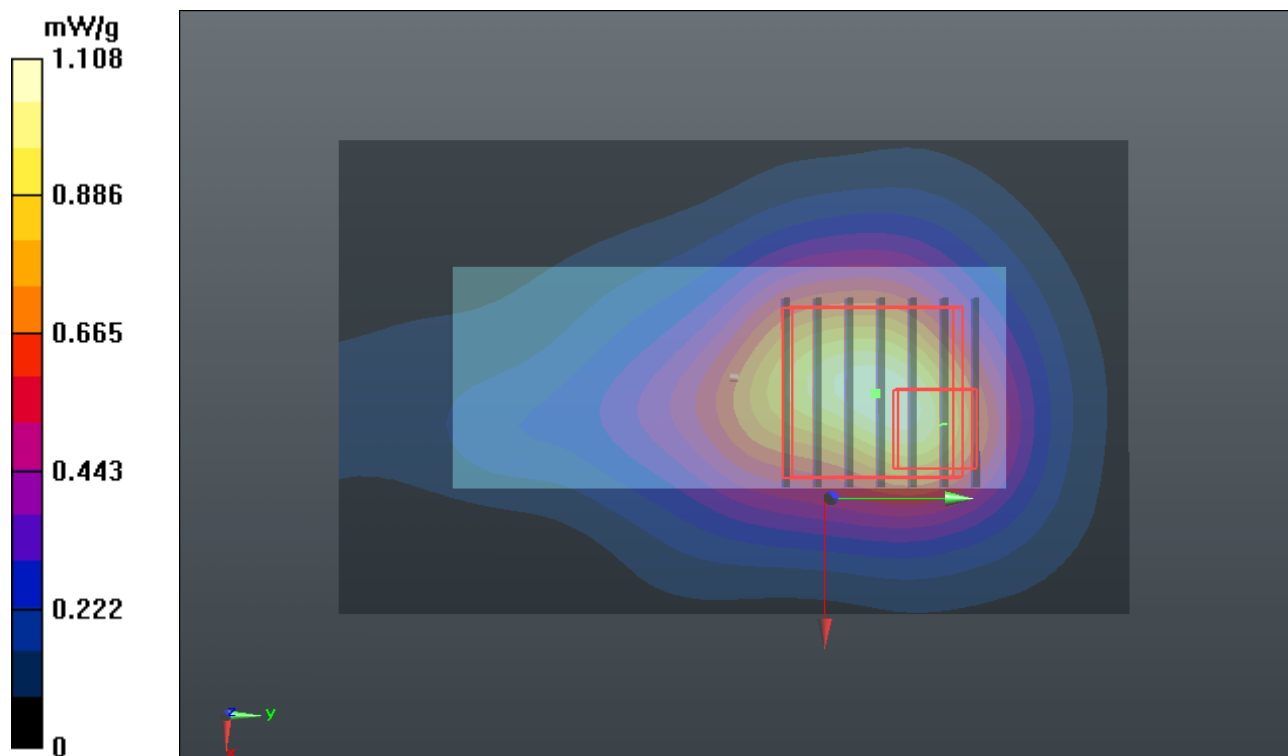
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.726 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 1.5450

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.830 mW/g



P27 802.11a_Horizontal Down_0.5cm_Ch116_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.845$ mho/m; $\epsilon_r = 50.313$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch116/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.397 mW/g

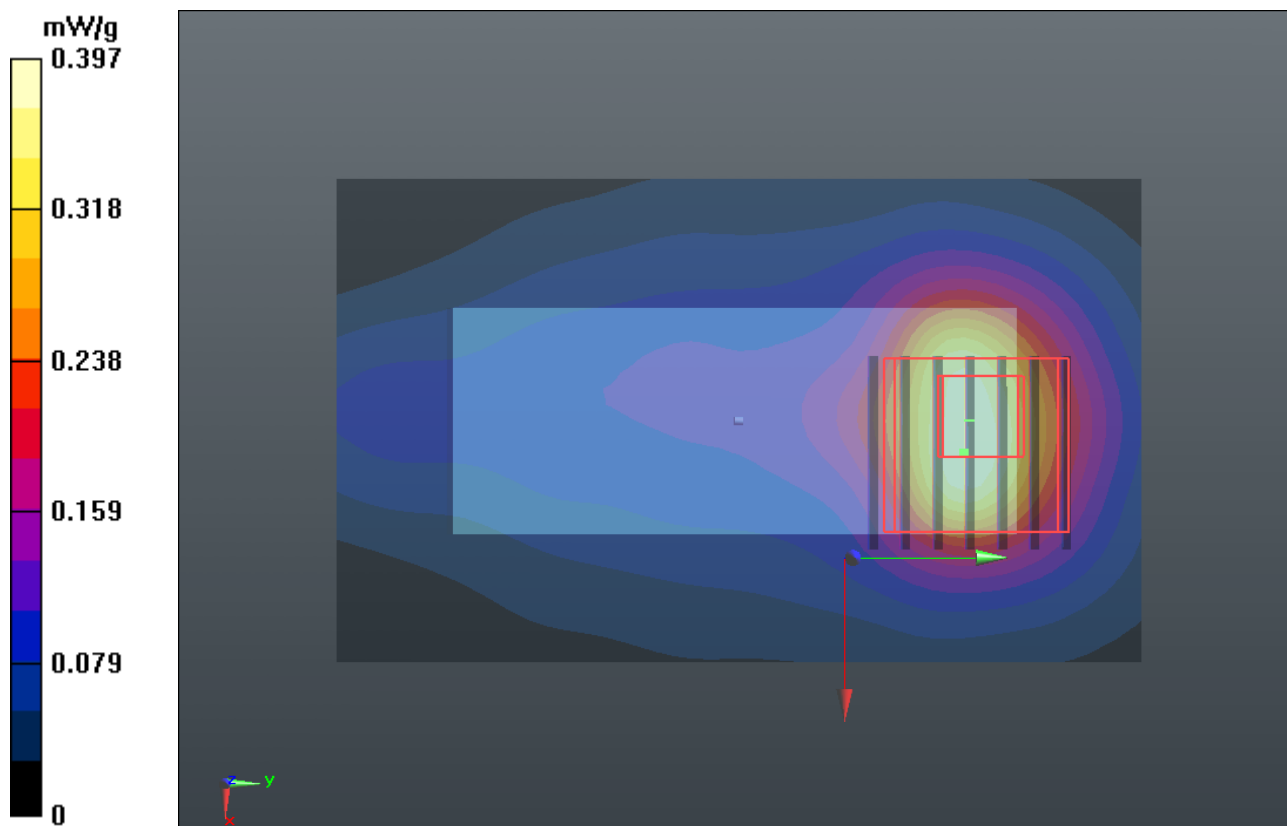
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.697 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.6300

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



P28 802.11a_Vertical Front_0.5cm_Ch116_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.837$ mho/m; $\epsilon_r = 50.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch116/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.133 mW/g

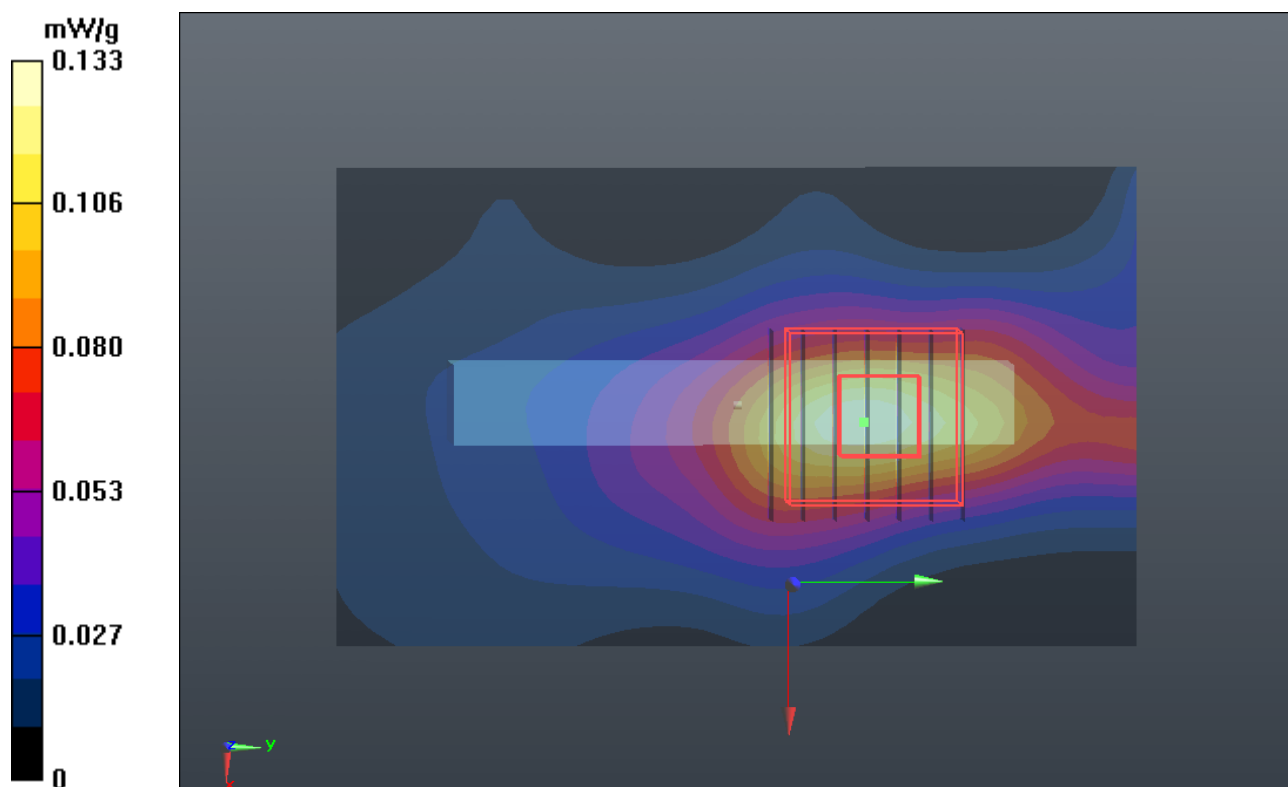
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.189 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.5150

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.215 mW/g



P29 802.11a_Vertical Back_0.5cm_Ch116_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.845$ mho/m; $\epsilon_r = 50.313$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch116/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.730 mW/g

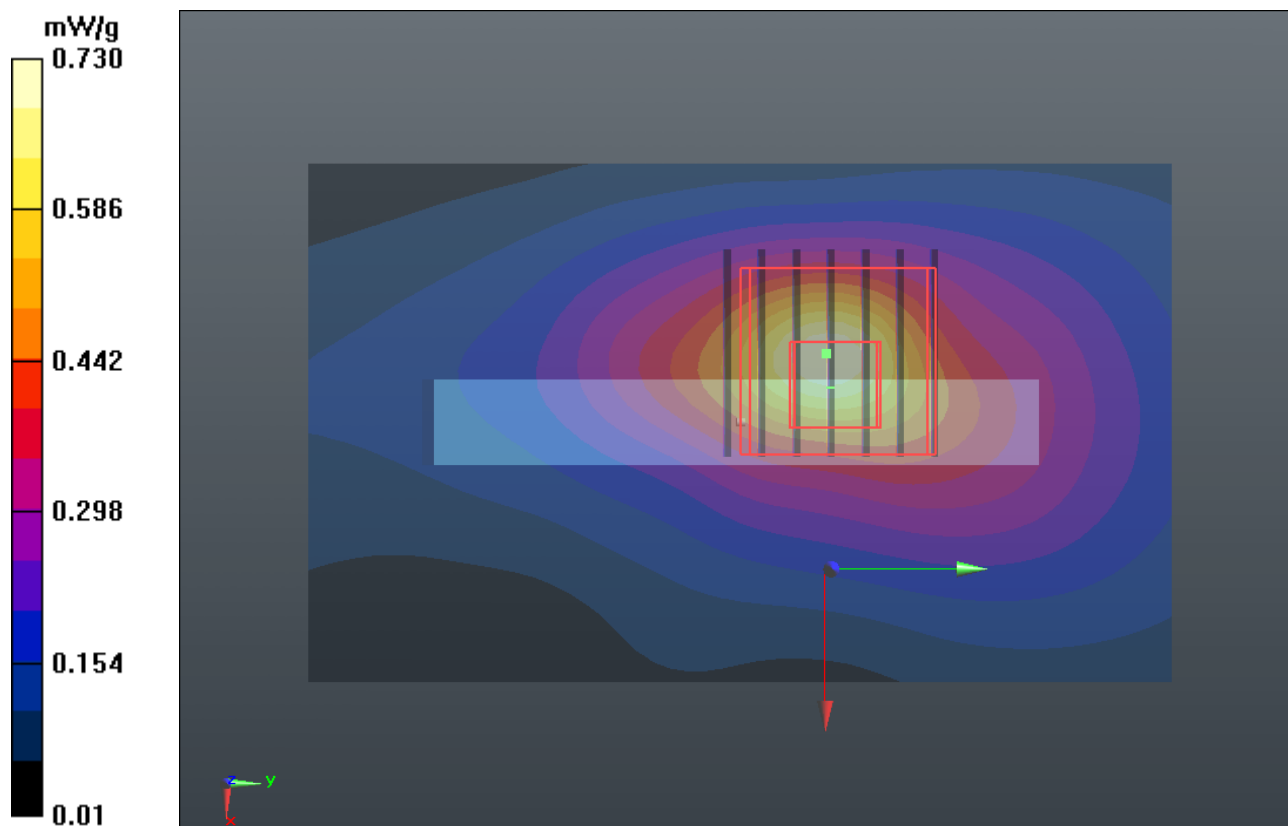
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.168 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.8040

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.992 mW/g



P30 802.11a_Tip_0.5cm_Ch116_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.775$ mho/m; $\epsilon_r = 47.195$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch116/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.552 mW/g

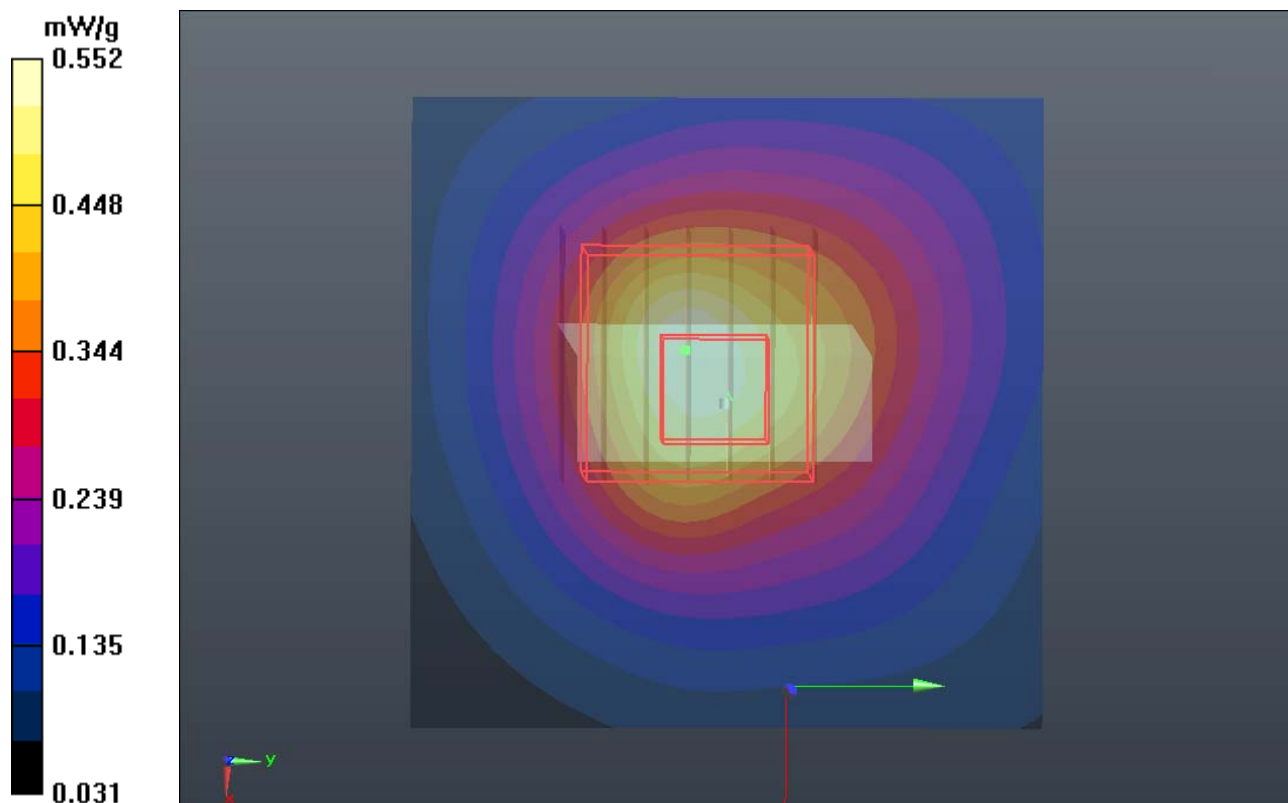
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.237 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.4240

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



P43 802.11a_Horizontal Up_0.5cm_Ch165_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.228$ mho/m; $\epsilon_r = 49.742$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.934 mW/g

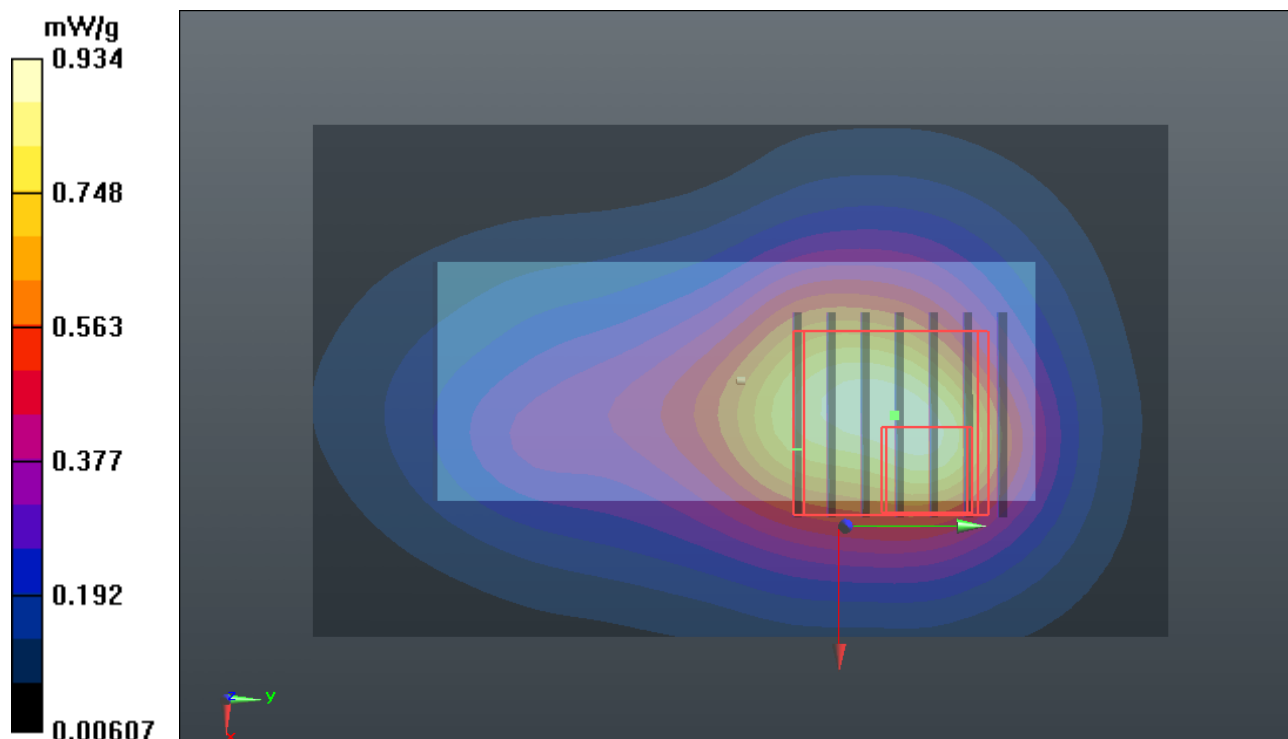
Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.752 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 1.2980

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.688 mW/g



P44 802.11a_Horizontal Down_0.5cm_Ch165_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.228$ mho/m; $\epsilon_r = 49.742$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.240 mW/g

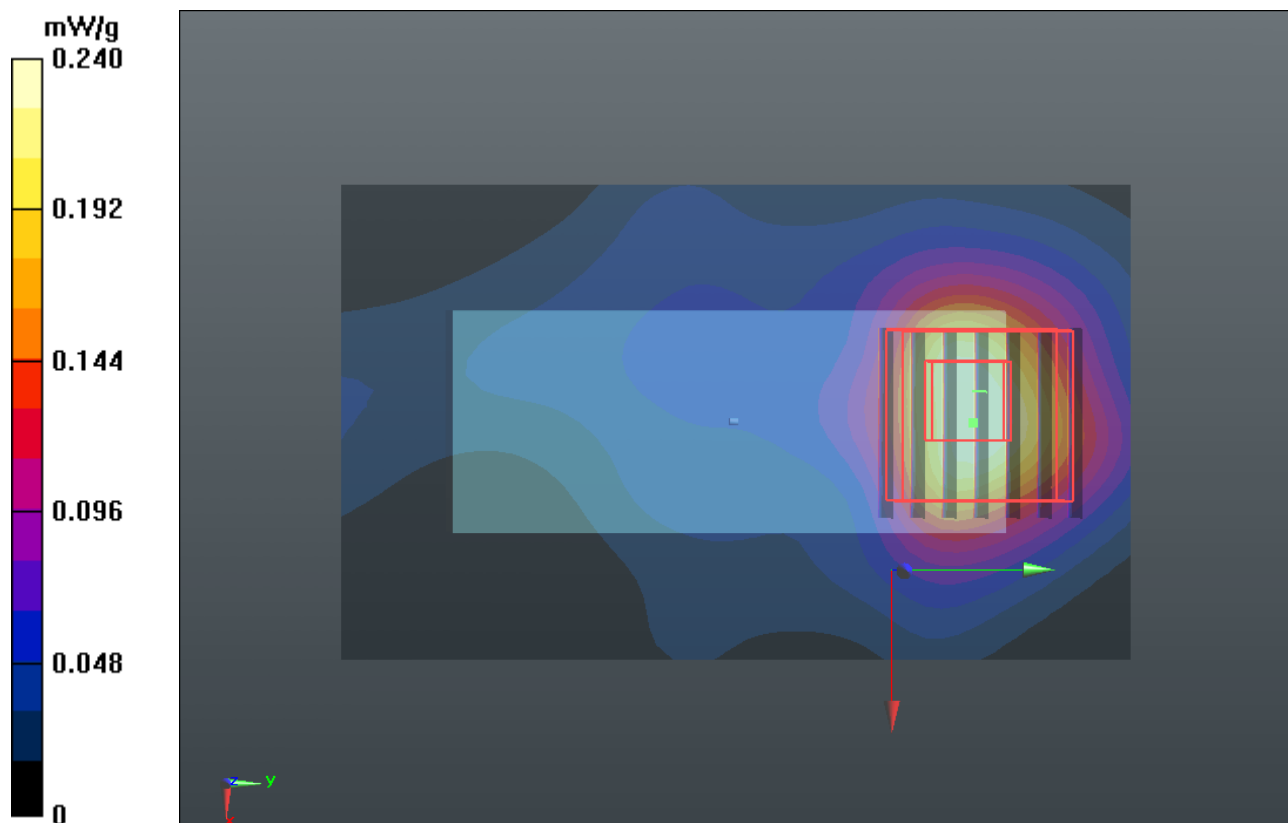
Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.123 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.6780

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



P45 802.11a_Vertical Front_0.5cm_Ch165_Ch0**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.222$ mho/m; $\epsilon_r = 49.713$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.091 mW/g

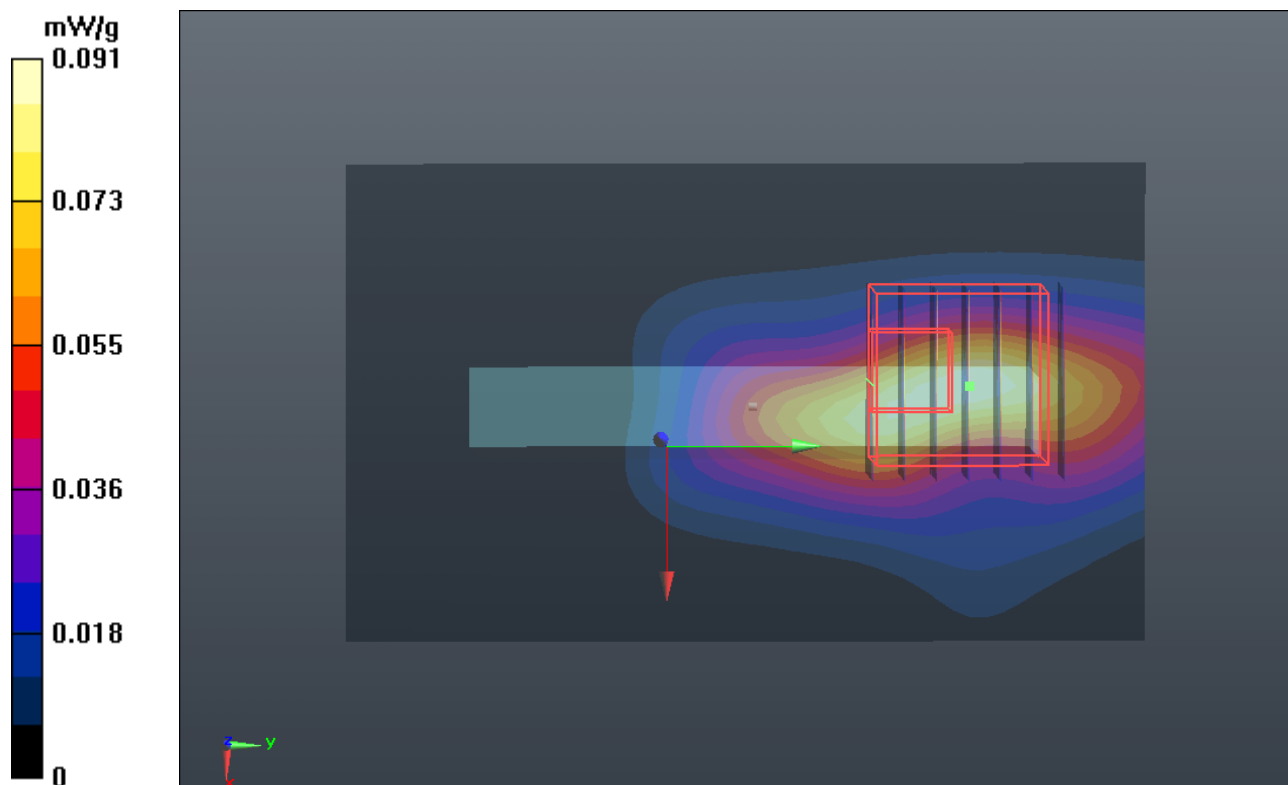
Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.268 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.8210

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



P46 802.11a_Vertical Back_0.5cm_Ch165_Ch0**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.228$ mho/m; $\epsilon_r = 49.742$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.966 mW/g

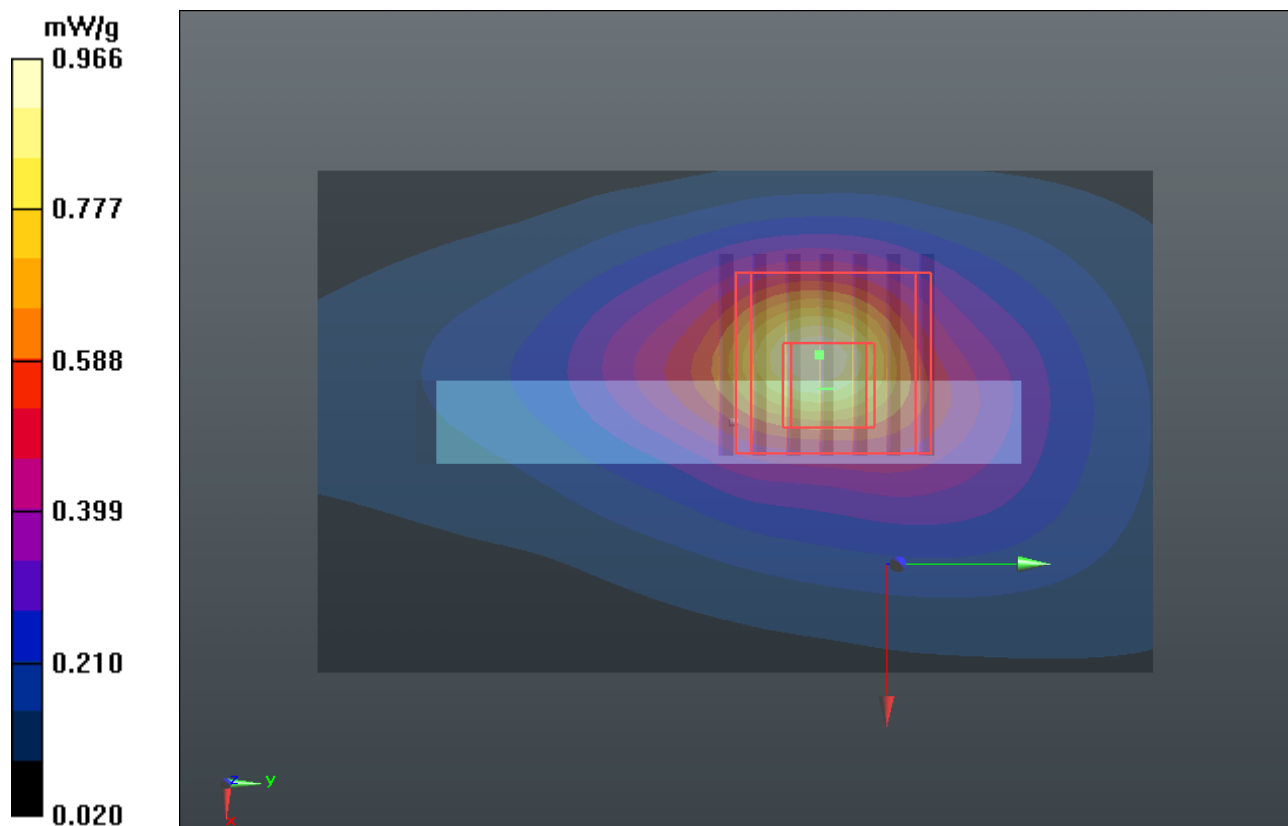
Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.325 V/m; Power Drift = -0.033 dB

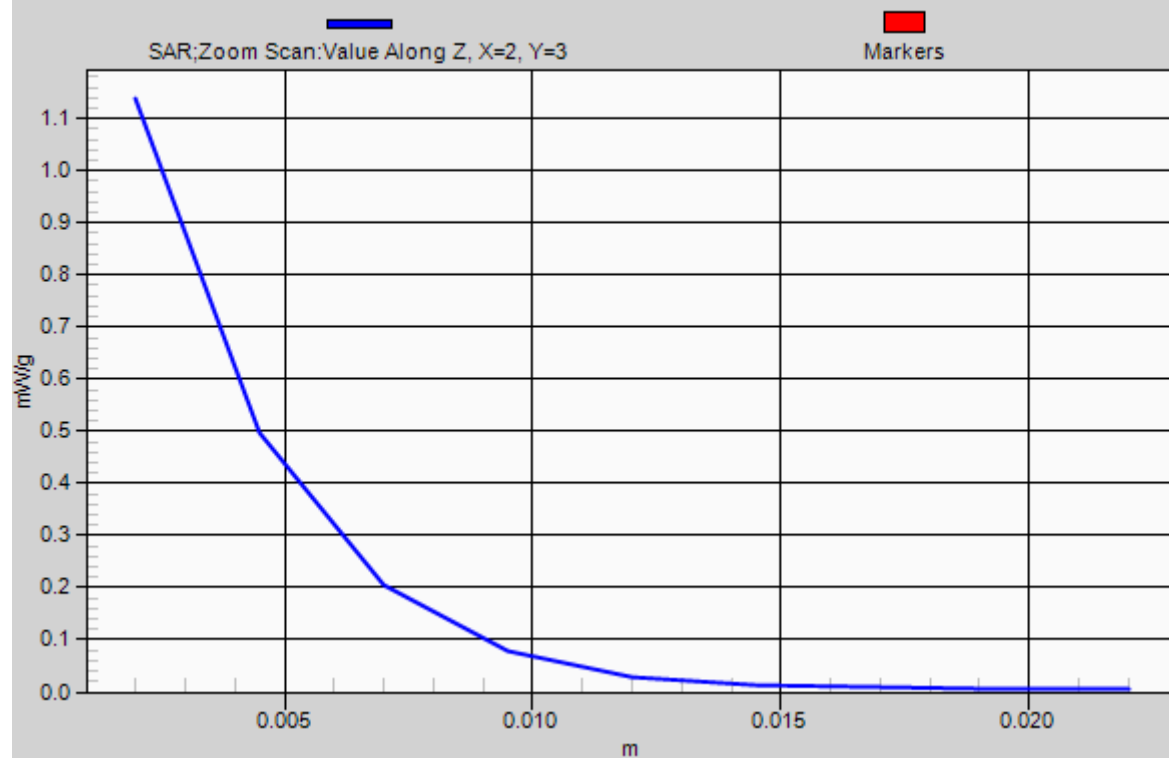
Peak SAR (extrapolated) = 2.1710

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 1.138 mW/g



1g/10g Averaged SAR



P47 802.11a_Tip_0.5cm_Ch165_Ch0**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.287$ mho/m; $\epsilon_r = 46.787$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.542 mW/g

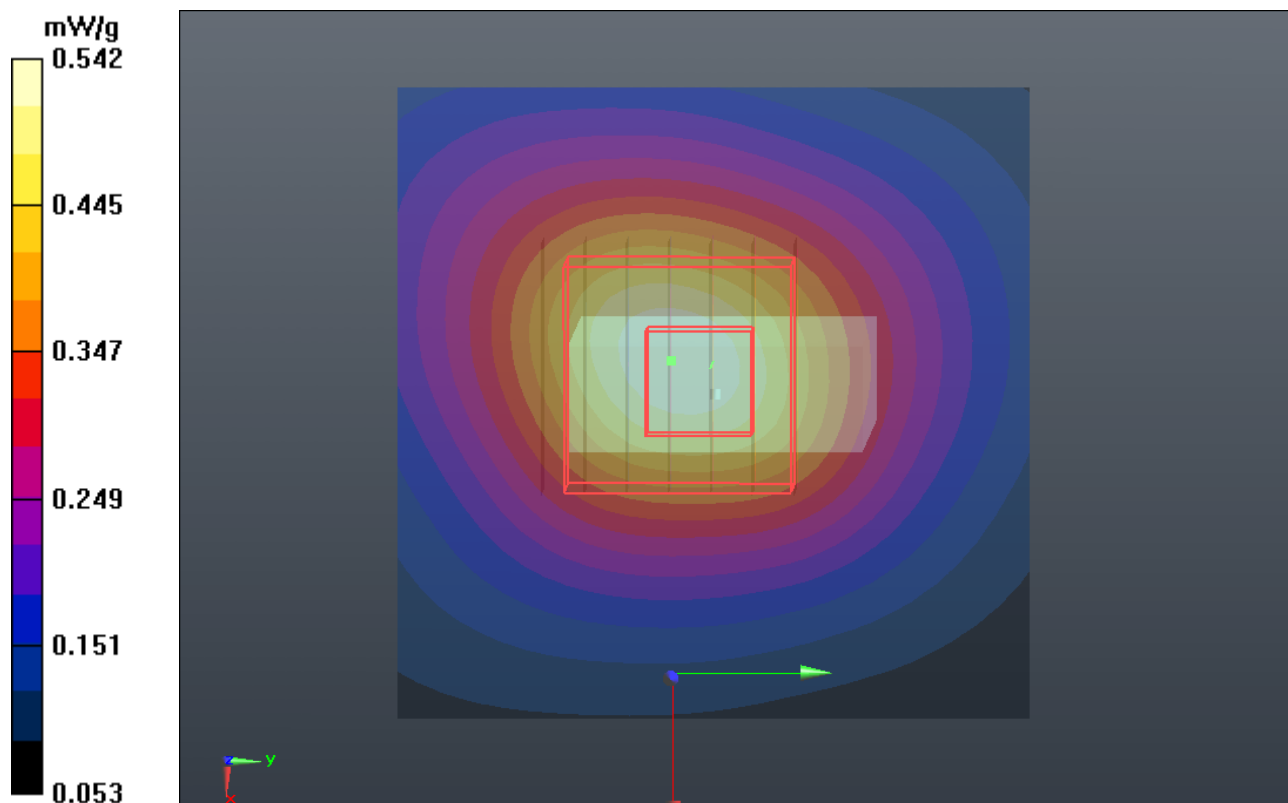
Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.004 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.3620

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.705 mW/g



P200 802.11n_HT20_Horizontal Up_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.320 mW/g

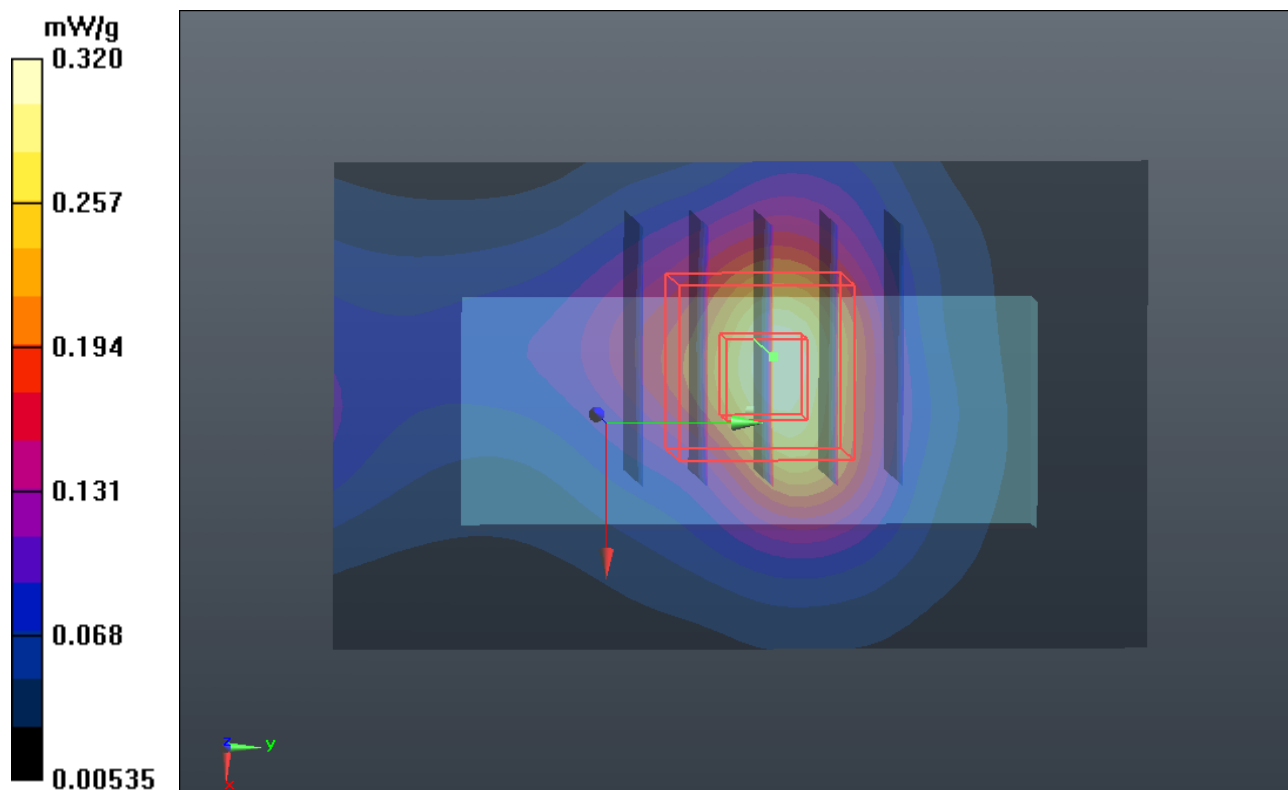
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.805 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.3480

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.252 mW/g



P201 802.11n_HT20_Horizontal_Down_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.409 mW/g

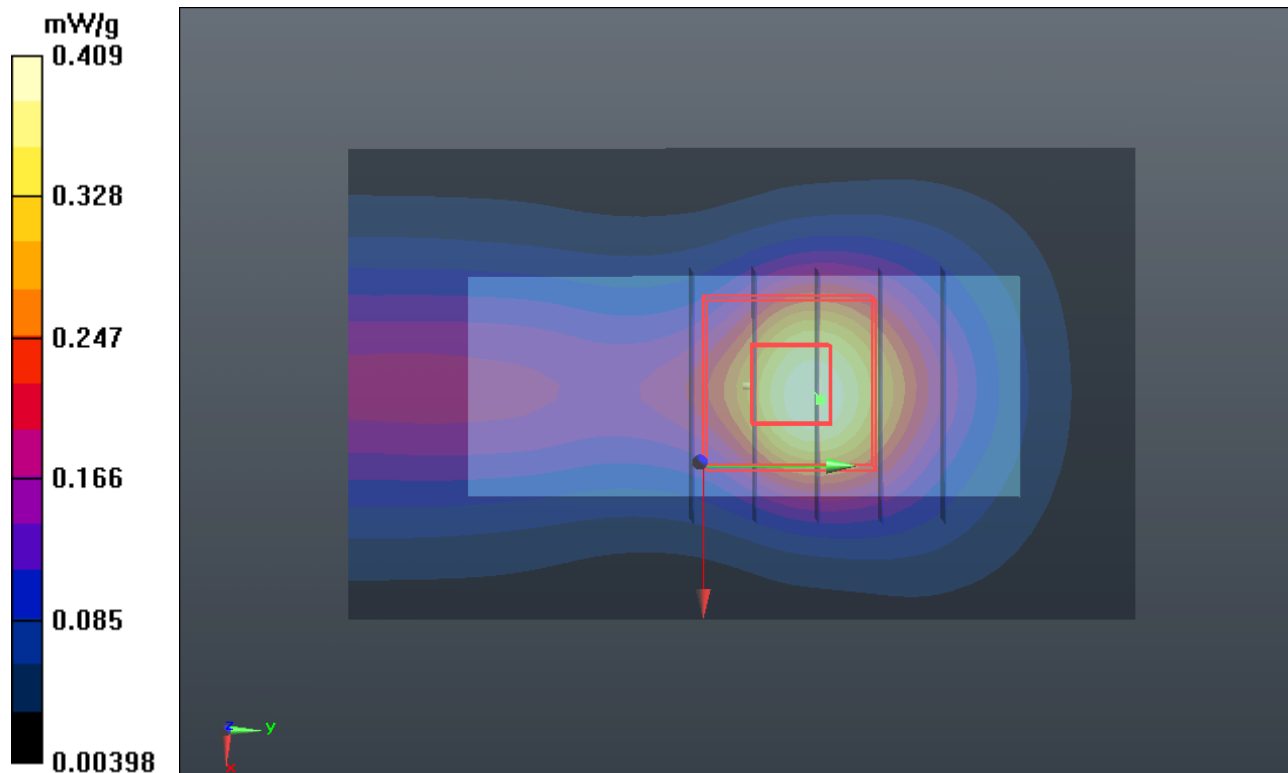
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.822 V/m; Power Drift = -0.04 dB

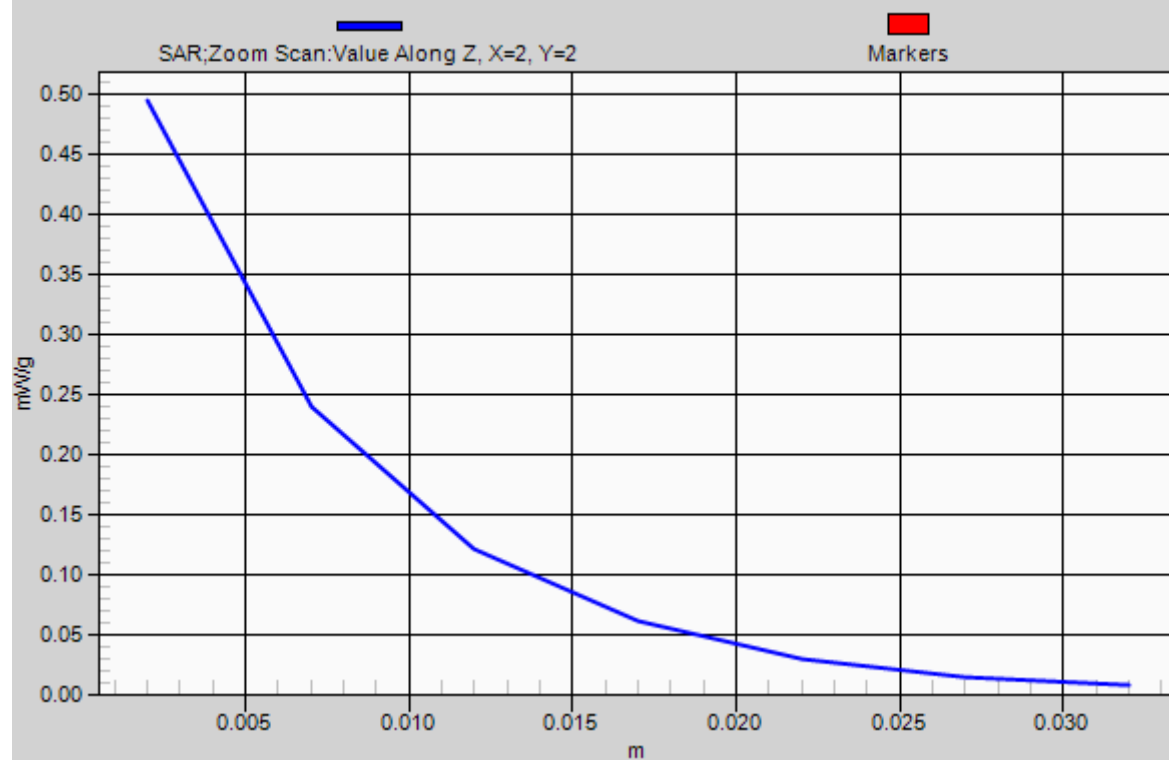
Peak SAR (extrapolated) = 0.7300

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.494 mW/g



1g/10g Averaged SAR



P202 802.11n_Vertical Front_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.217 mW/g

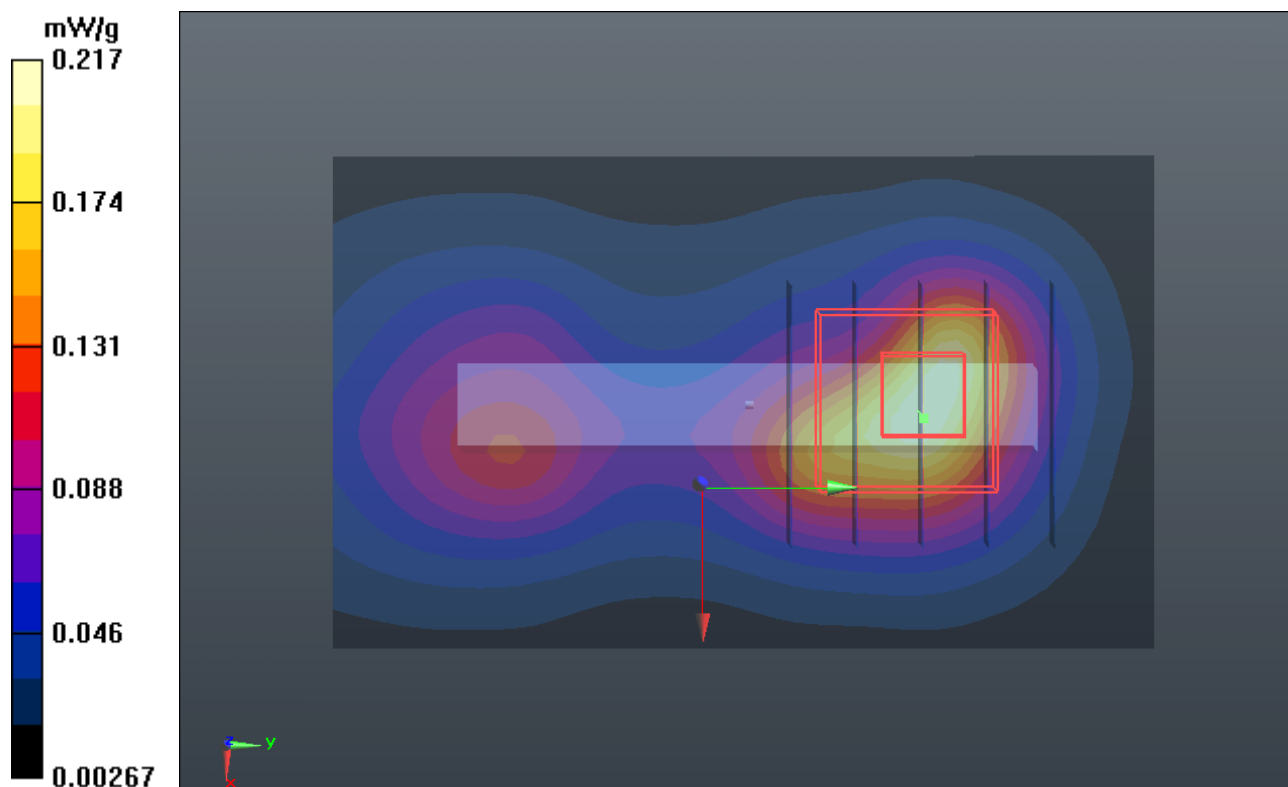
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.996 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.4180

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



P203 802.11n_Vertical Back_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.150 mW/g

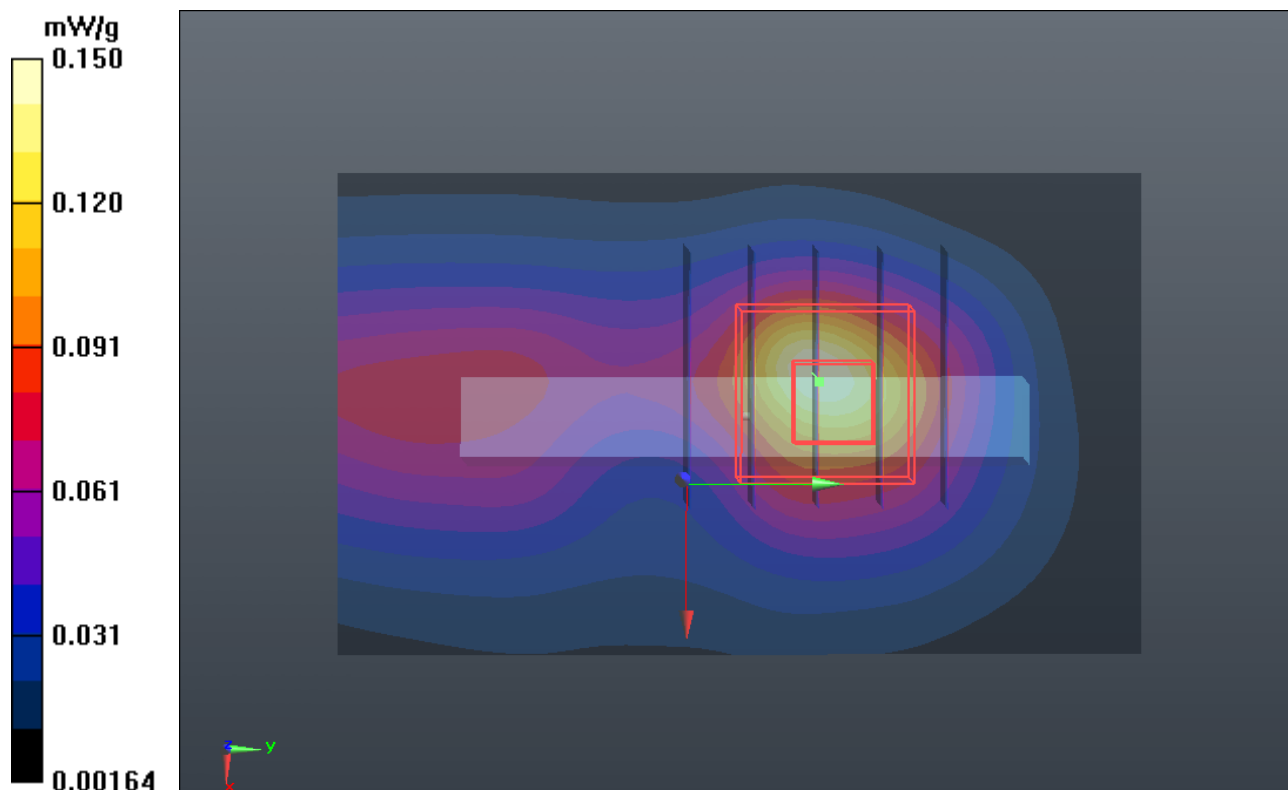
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.891 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 0.2560

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



P204 802.11n_HT20_Tip Mode_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.068 mW/g

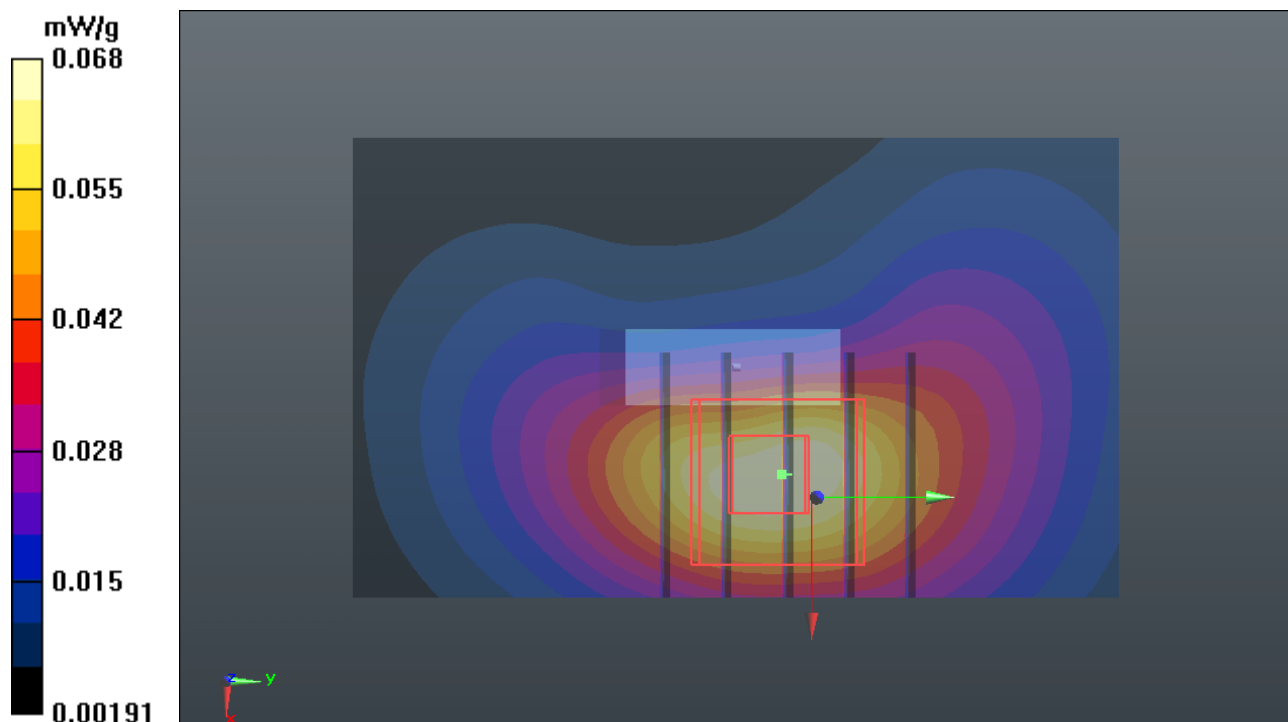
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.568 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.0810

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.060 mW/g



P207 802.11n_HT40_Horizontal Up_0.5cm_Ch46_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r = 50.949$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.580 mW/g

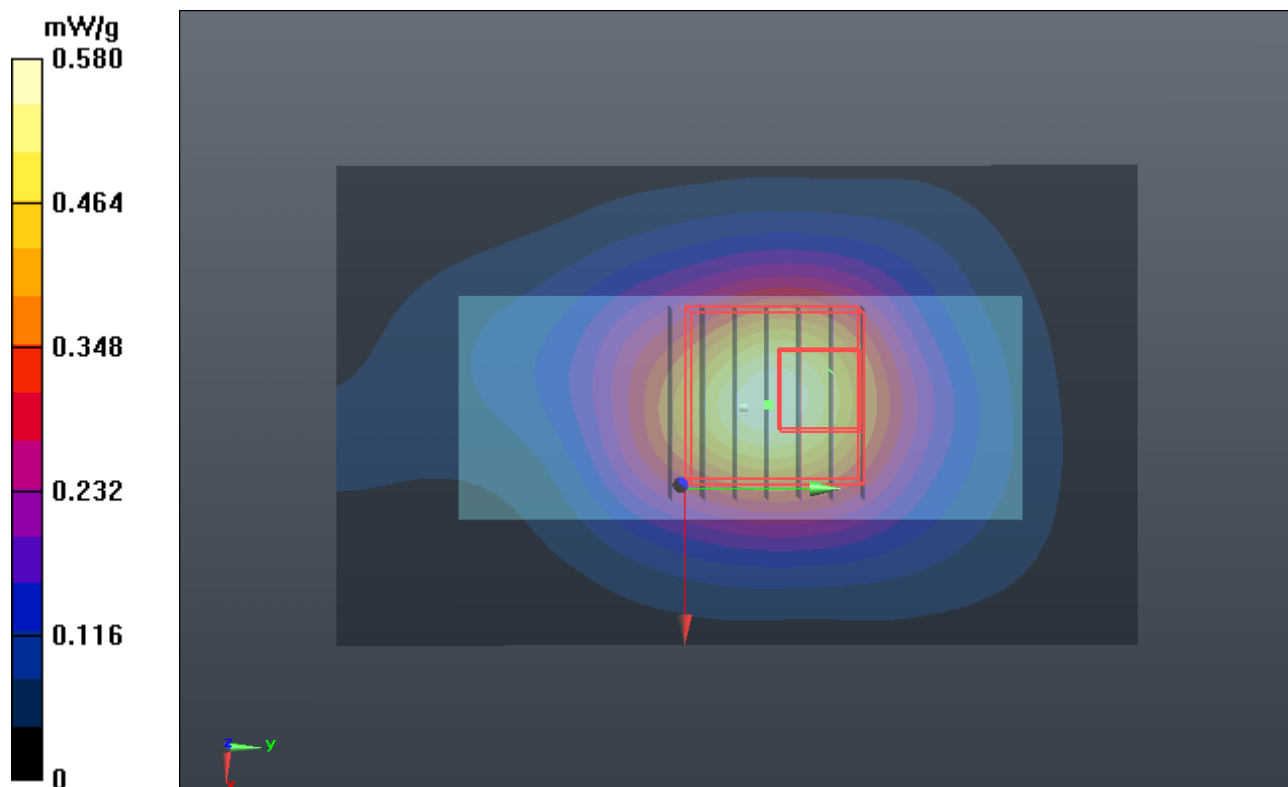
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.689 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.7460

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



P208 802.11n_HT40_Horizontal Down_0.5cm_Ch46_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r = 50.949$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.118 mW/g

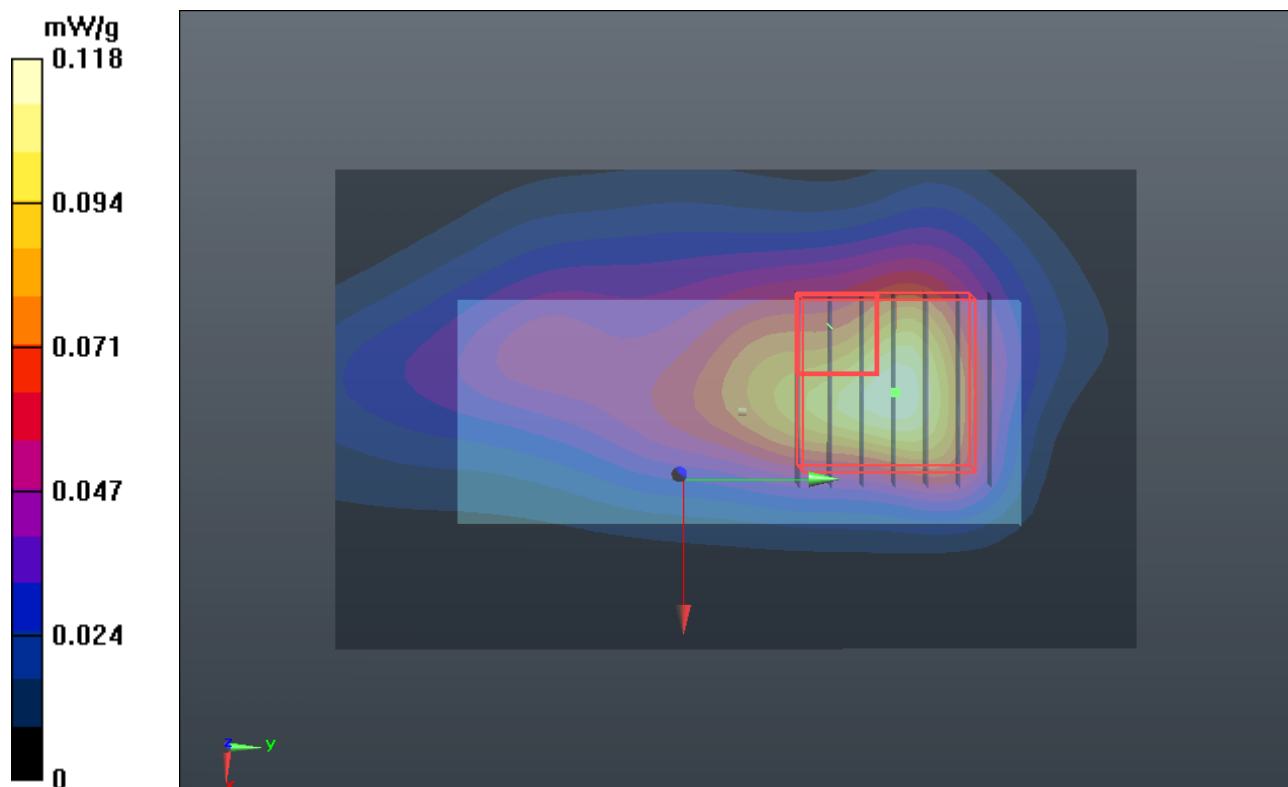
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.022 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.2010

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



P209 802.11n_HT40_Vertical Front_0.5cm_Ch46_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r = 50.949$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.141 mW/g

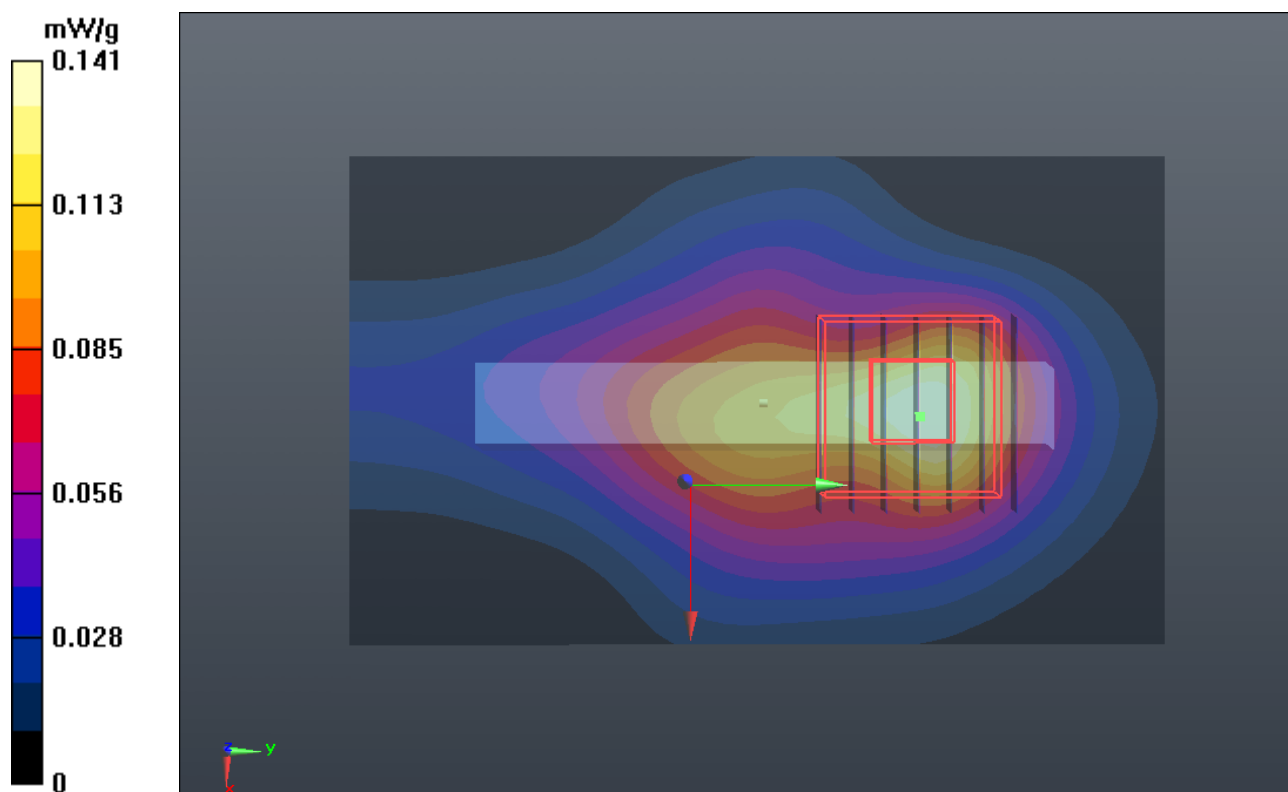
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.046 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.4090

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



P210 802.11n_HT40_Vertical Back_0.5cm_Ch46_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.256$ mho/m; $\epsilon_r = 50.949$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.143 mW/g

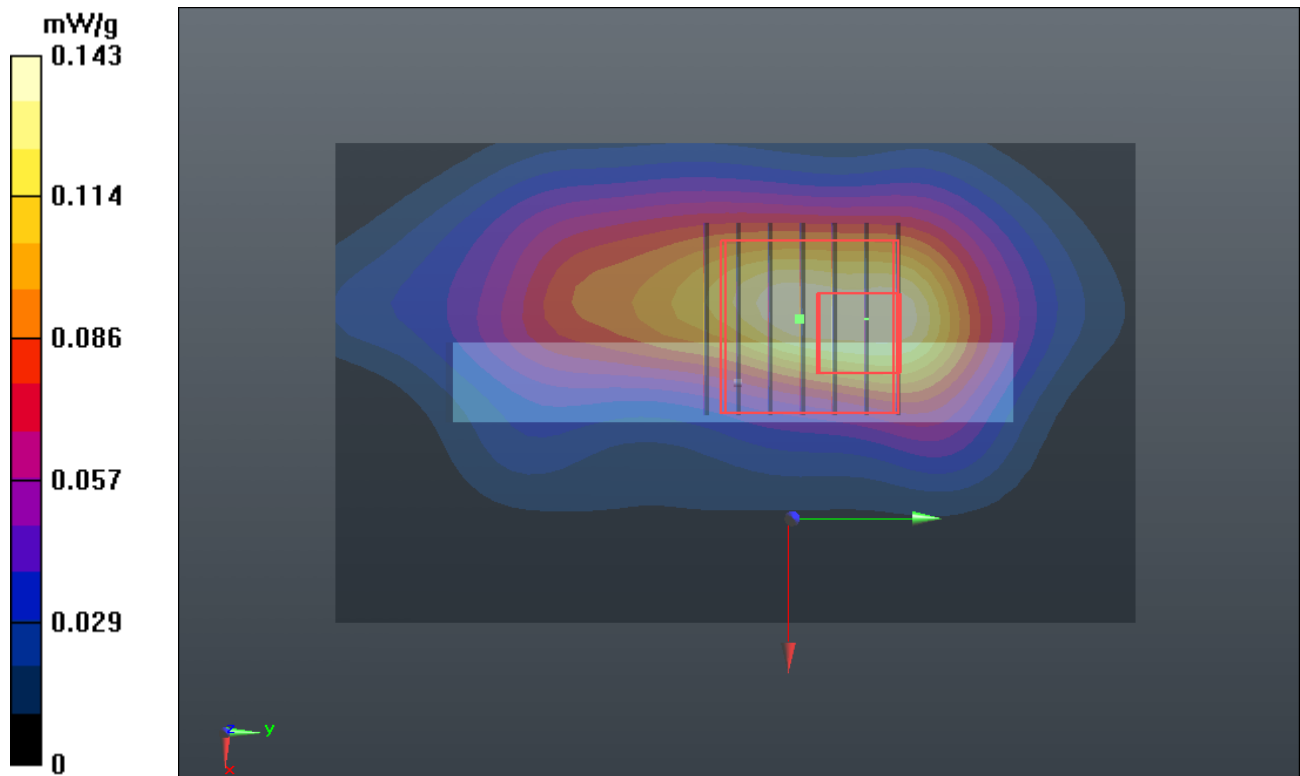
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.670 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.3510

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



P211 802.11n_HT40_Tip_0.5cm_Ch46_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.233$ mho/m; $\epsilon_r = 47.687$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.088 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.172 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.1760

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

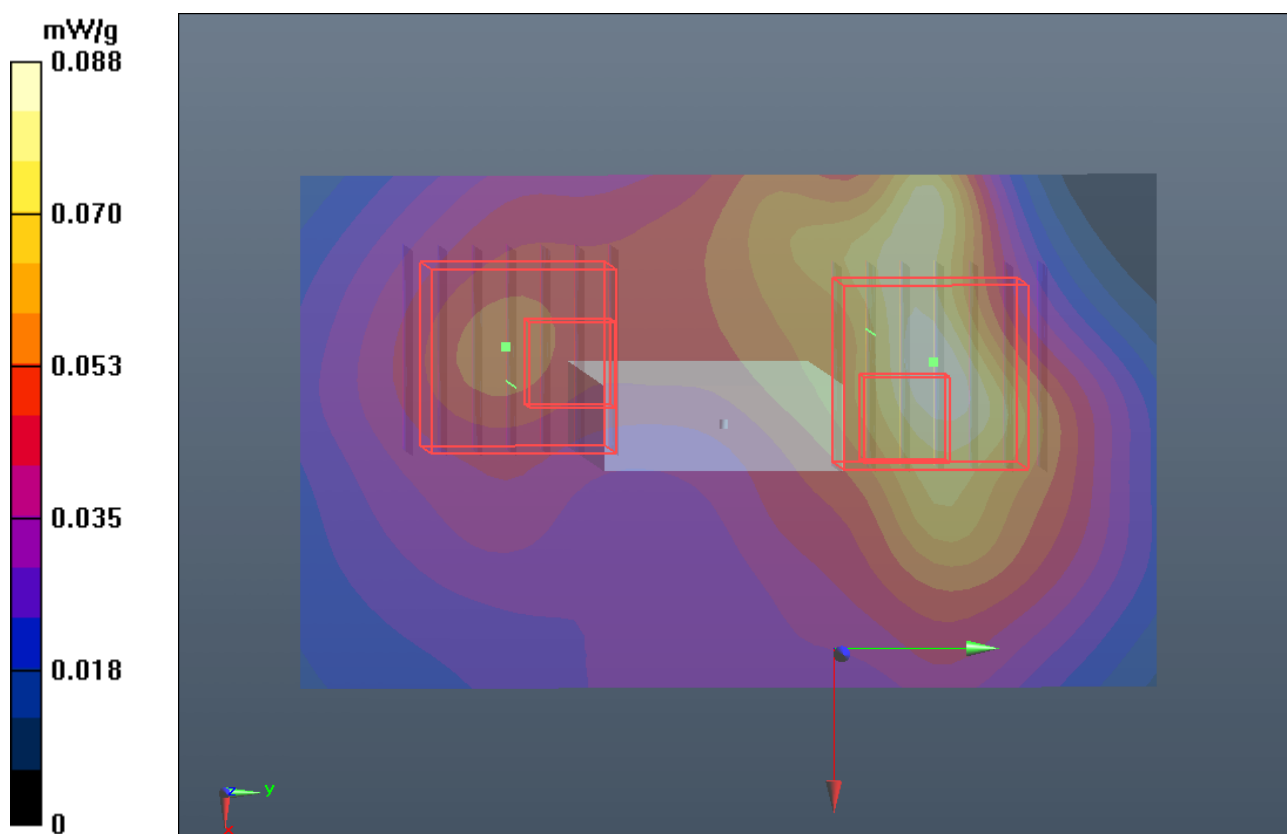
Ch46/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.172 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.2330

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



P213 802.11n_HT20_Horizontal Up_0.5cm_Ch60_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.369$ mho/m; $\epsilon_r = 50.868$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch60/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.450 mW/g

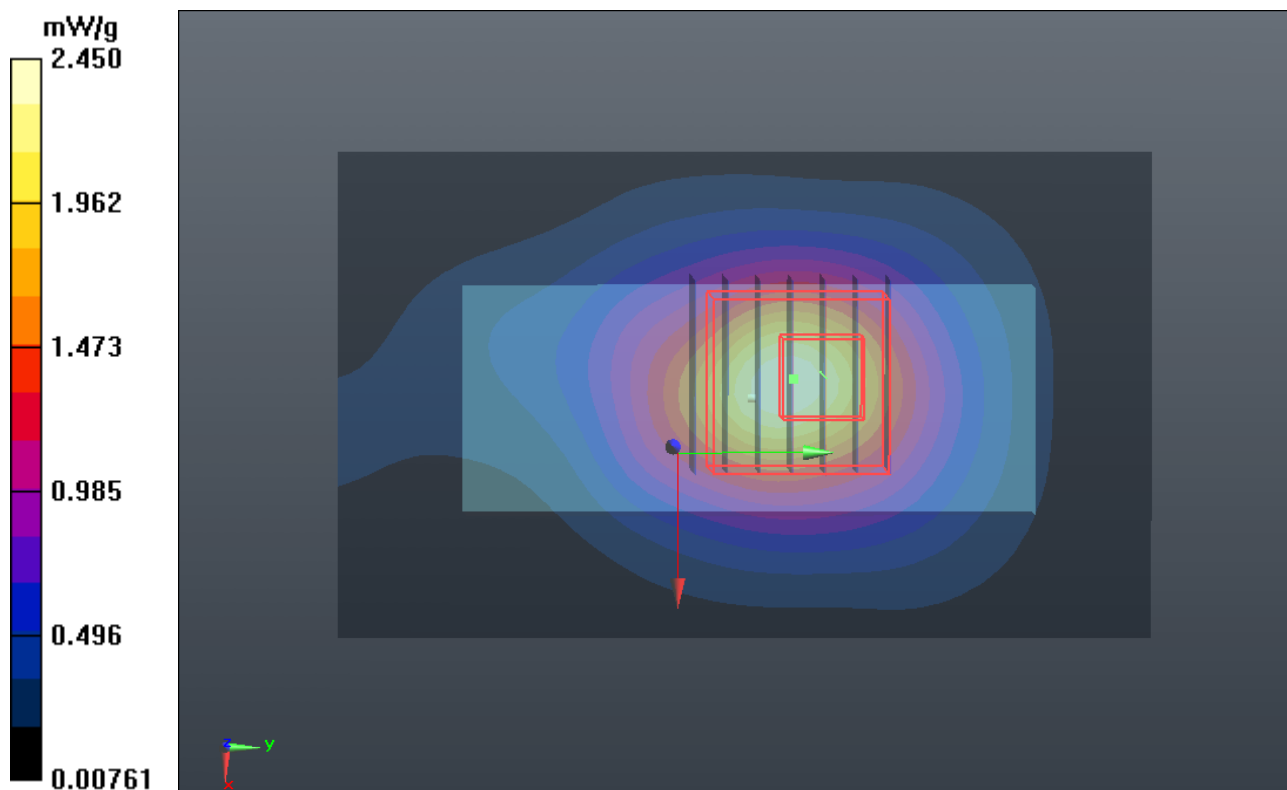
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.684 V/m; Power Drift = -0.057 dB

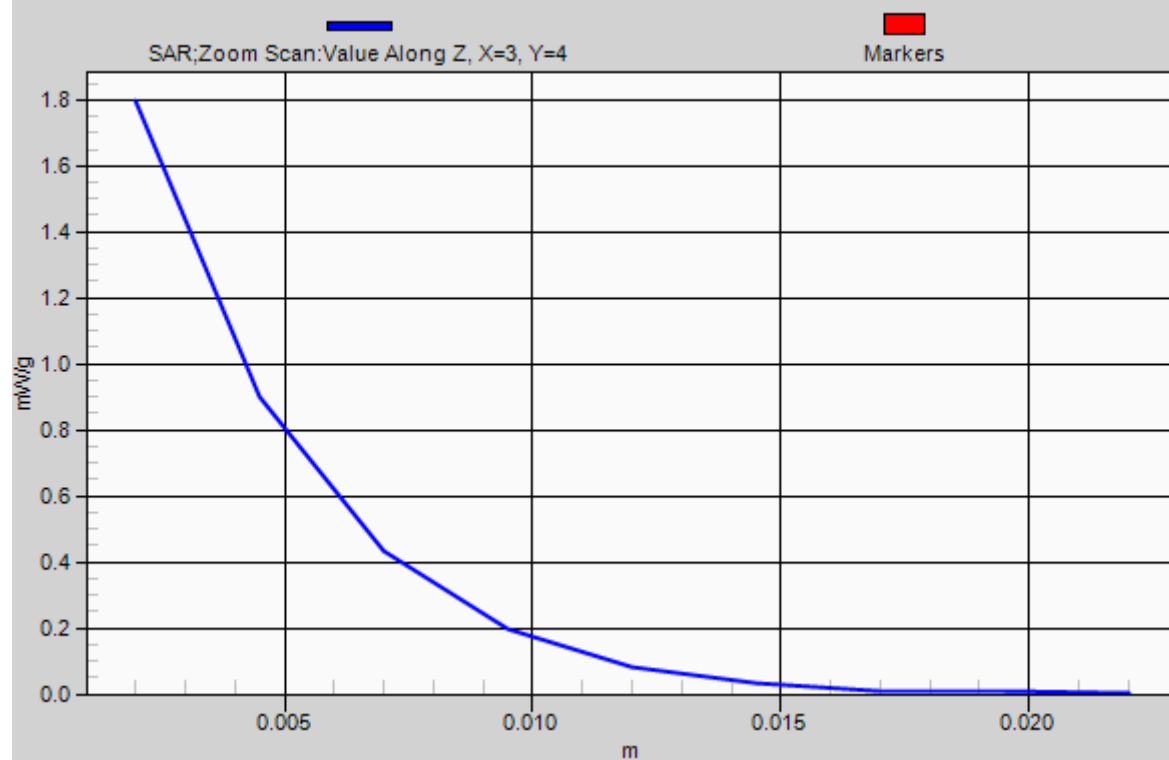
Peak SAR (extrapolated) = 3.1110

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 1.797 mW/g



1g/10g Averaged SAR



P214 802.11n_HT20_Horizontal_Down_0.5cm_Ch60_Ch0+1**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.369$ mho/m; $\epsilon_r = 50.868$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch60/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.365 mW/g

Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.422 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.5730

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.305 mW/g

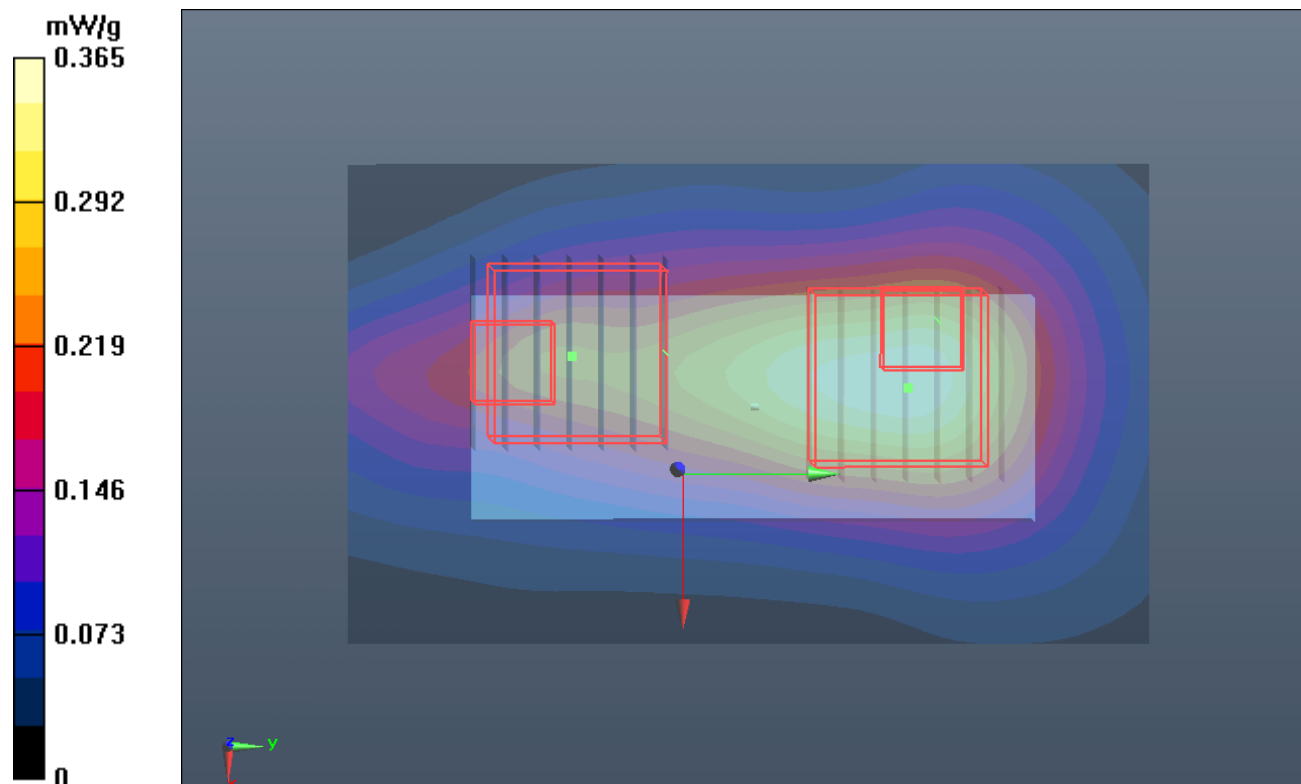
B/Ch60/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.422 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.3990

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



P215 802.11n_HT20_Vertical Front_0.5cm_Ch60_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.342$ mho/m; $\epsilon_r = 50.805$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch60/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.794 mW/g

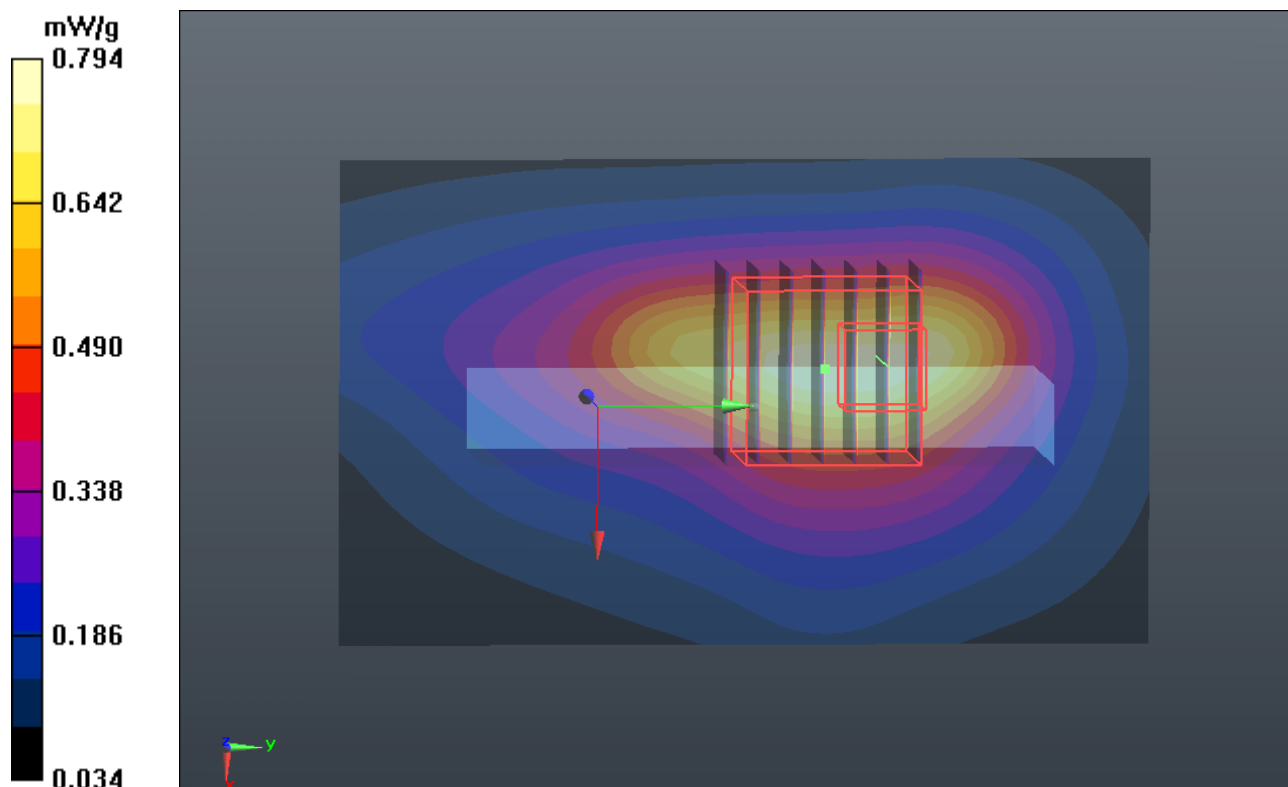
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.912 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.1060

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 1.192 mW/g



P216 802.11n_HT20_Vertical Back_0.5cm_Ch60_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.342$ mho/m; $\epsilon_r = 50.805$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch60/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.234 mW/g

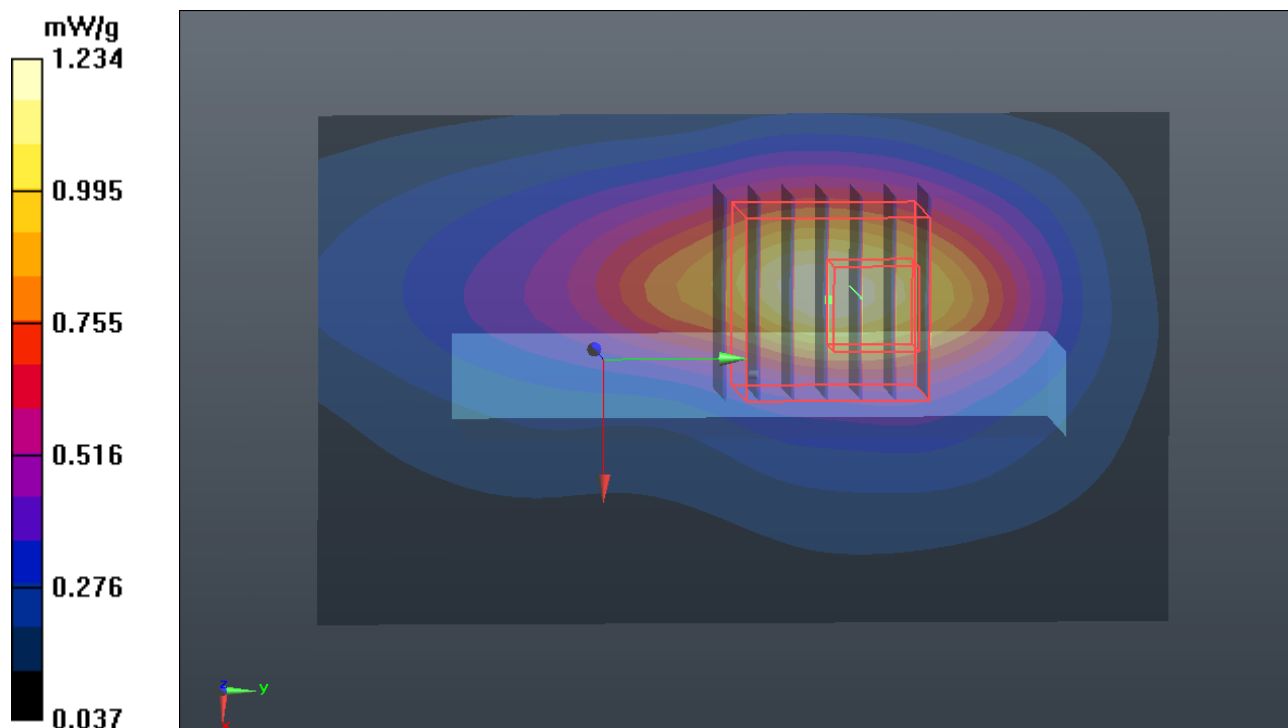
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.304 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 2.4570

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 1.317 mW/g



P217 802.11n_HT40_Tip_0.5cm_Ch60_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.327$ mho/m; $\epsilon_r = 47.976$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch60/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.349 mW/g

B/Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.263 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.6120

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.333 mW/g

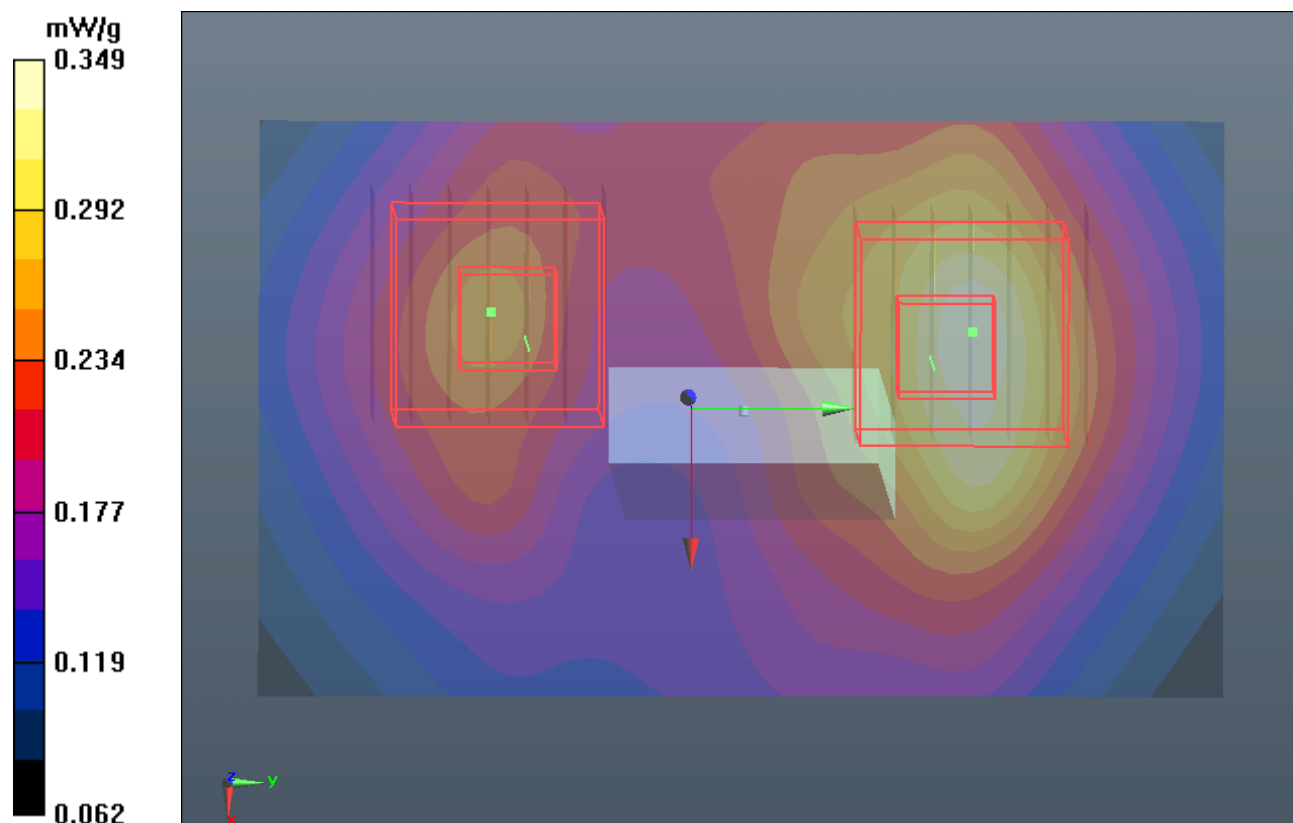
Ch60/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.263 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.4560

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



P218 802.11n_HT20_Horizontal Up_0.5cm_Ch52_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.309$ mho/m; $\epsilon_r = 50.918$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.600 mW/g

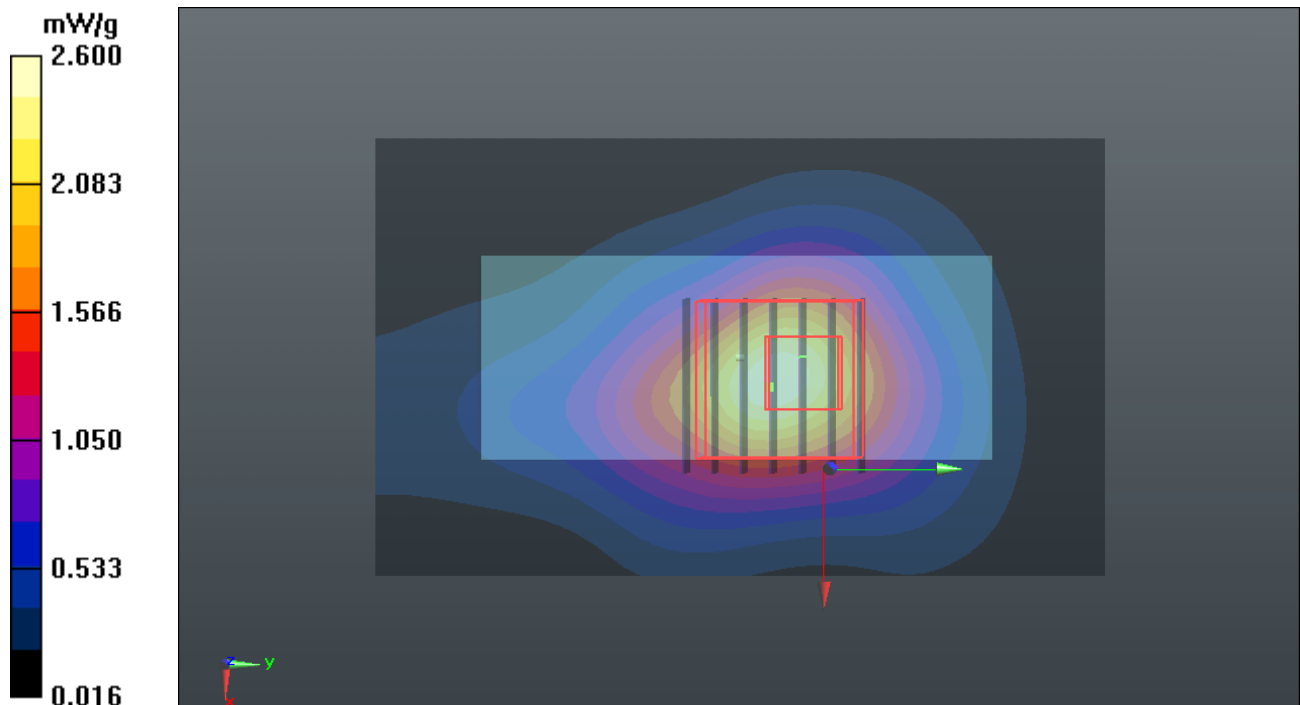
Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.505 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 2.7650

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 1.595 mW/g



P219 802.11n_HT20_Horizontal Up_0.5cm_Ch56_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.343$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch56/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.125 mW/g

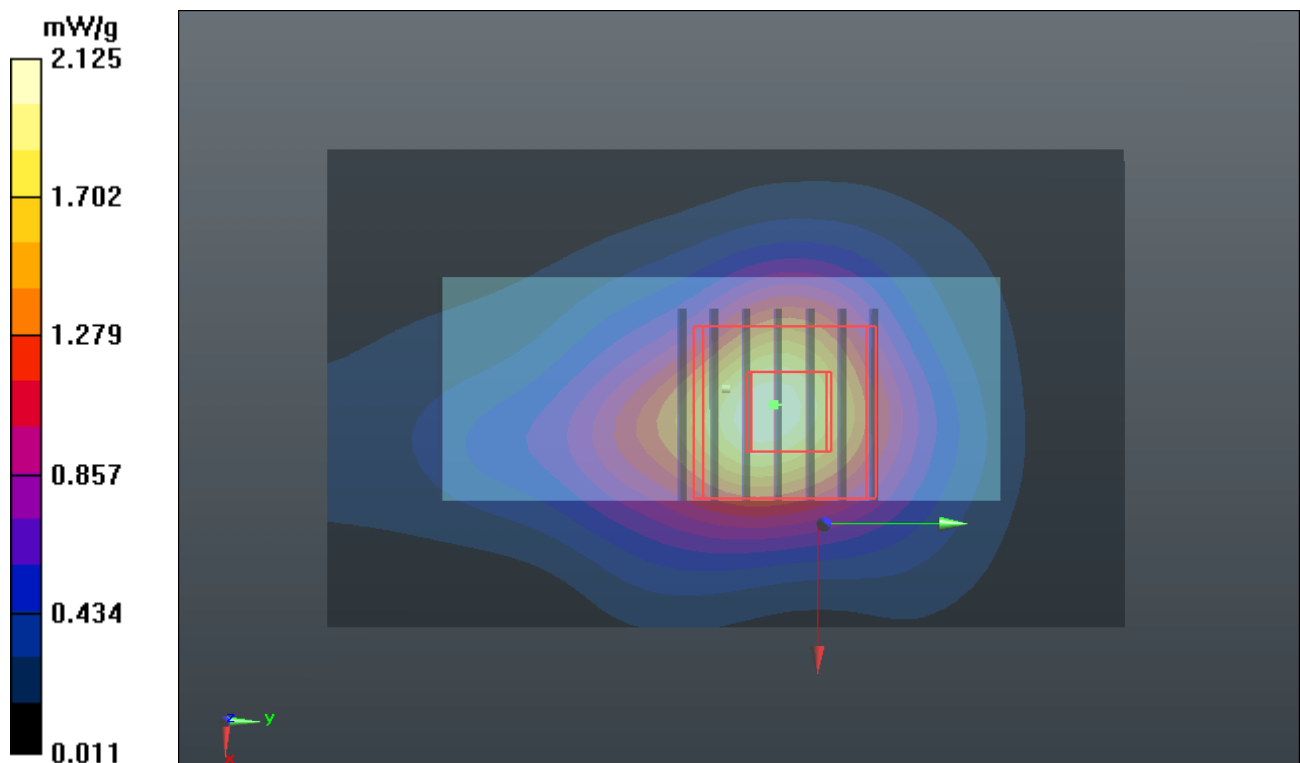
Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.720 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.0070

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 1.699 mW/g



P220 802.11n_HT20_Horizontal Up_0.5cm_Ch64_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.406$ mho/m; $\epsilon_r = 50.828$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.24, 4.24, 4.24); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.032 mW/g

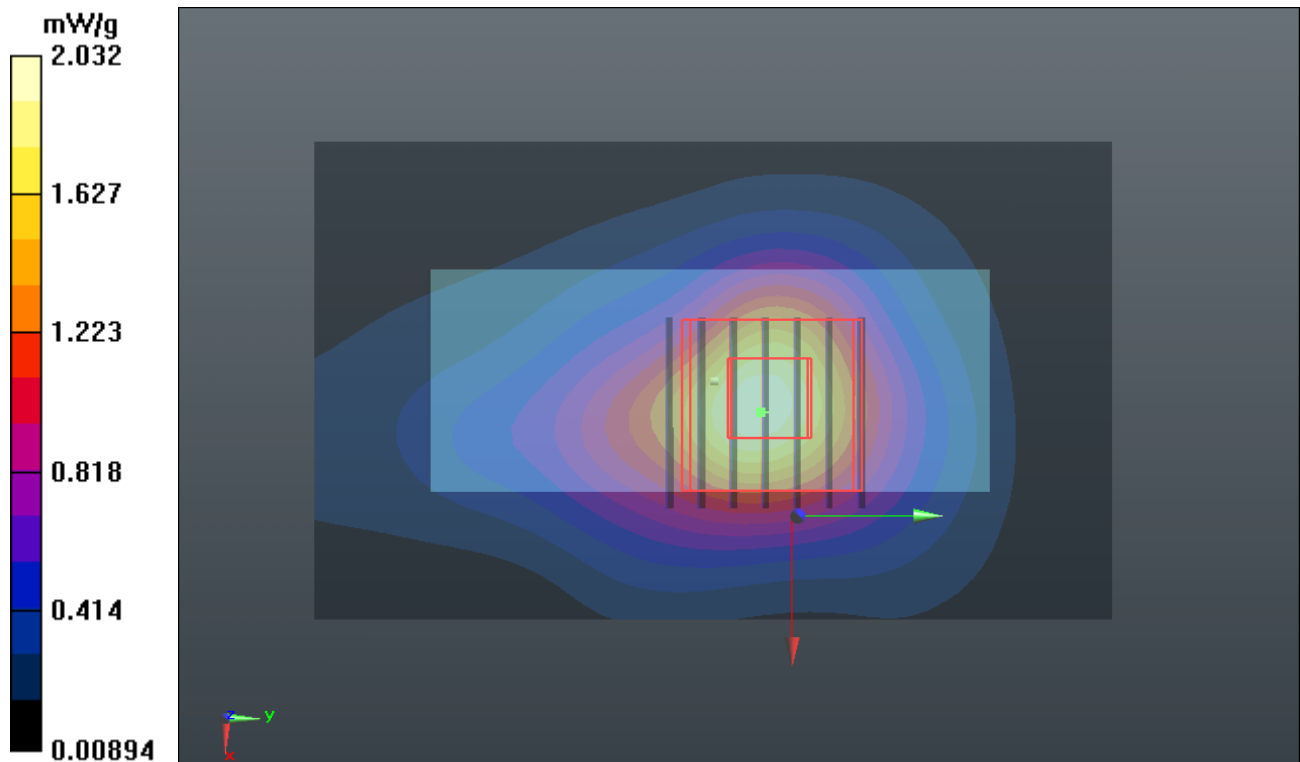
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.862 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 2.8800

SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 1.617 mW/g



P221 802.11n_HT40_Horizontal Up_0.5cm_Ch134_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.983$ mho/m; $\epsilon_r = 50.105$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.130 mW/g

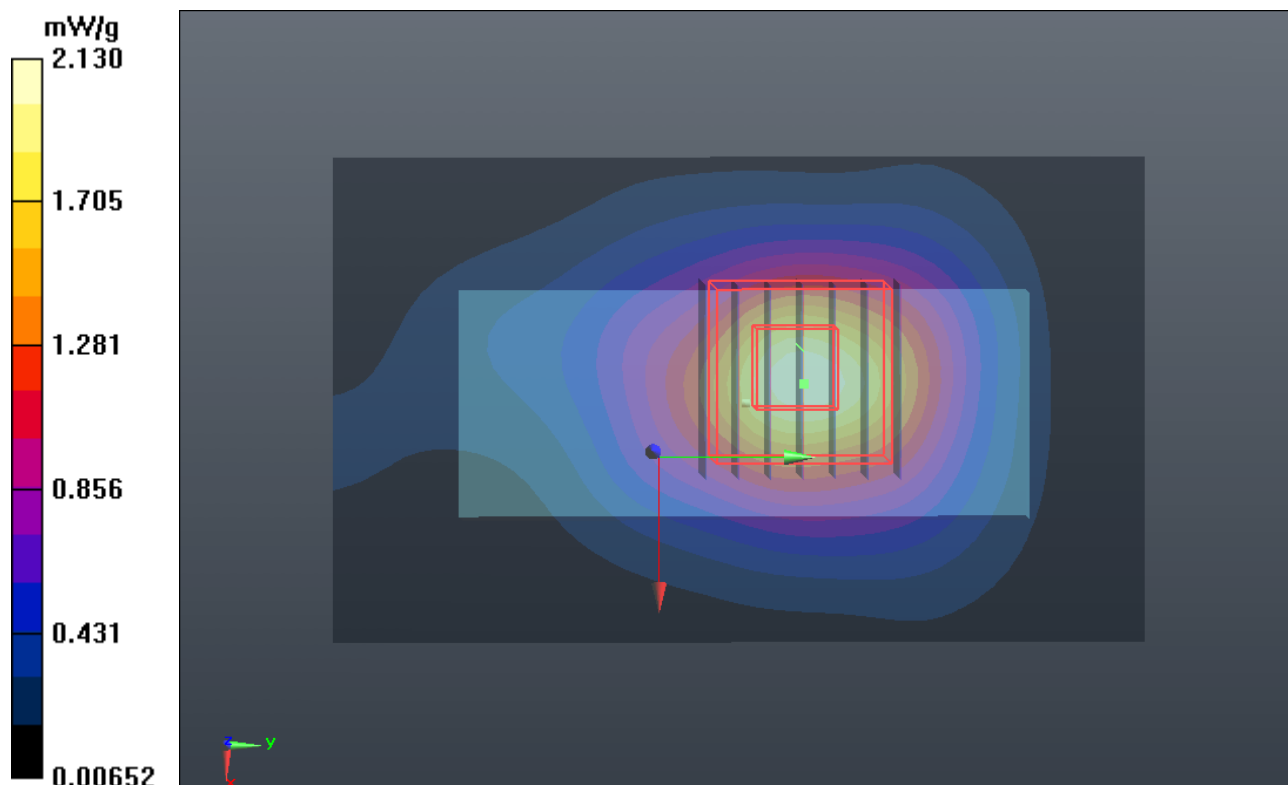
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.968 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 3.0760

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 1.706 mW/g



P222 802.11n_HT40_Horizontal_Down_0.5cm_Ch134_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.983$ mho/m; $\epsilon_r = 50.105$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.239 mW/g

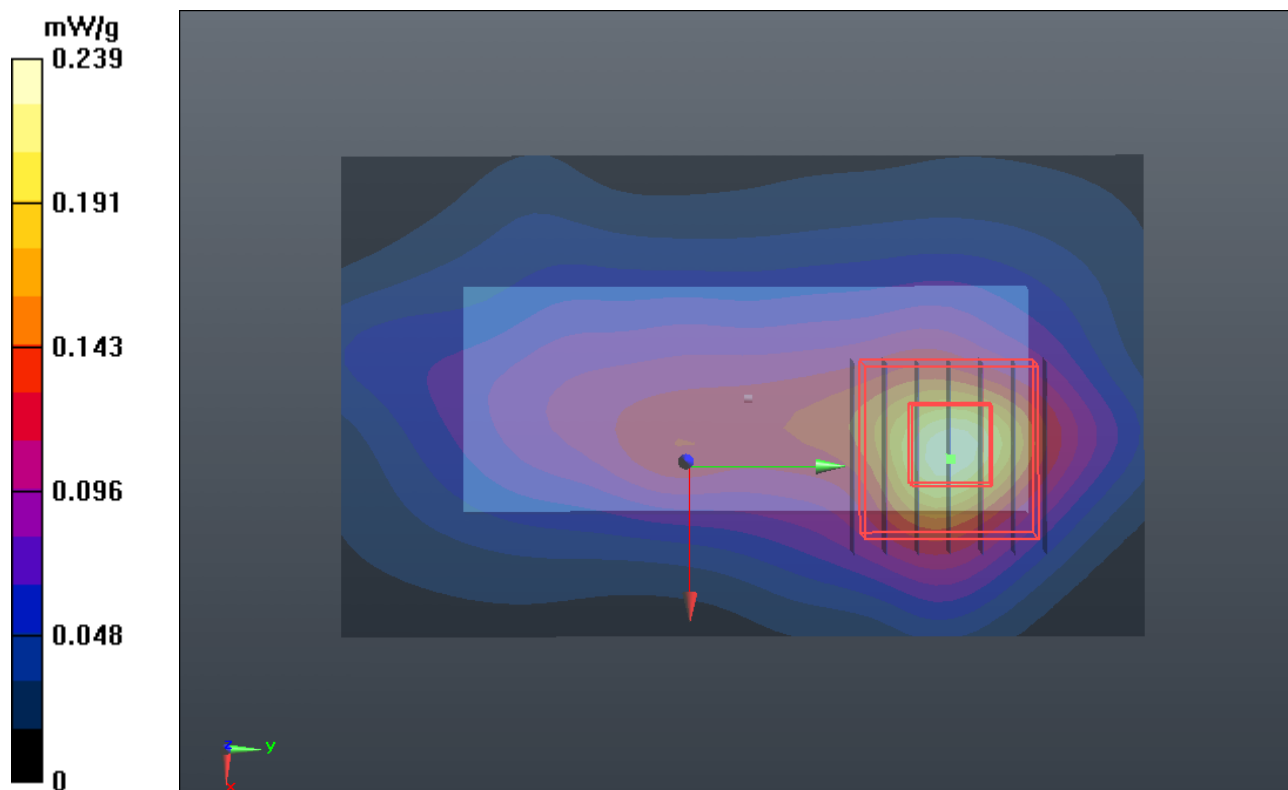
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.913 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.4910

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



P223 802.11n_HT20_Vertical Front_0.5cm_Ch134_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.983$ mho/m; $\epsilon_r = 50.105$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.792 mW/g

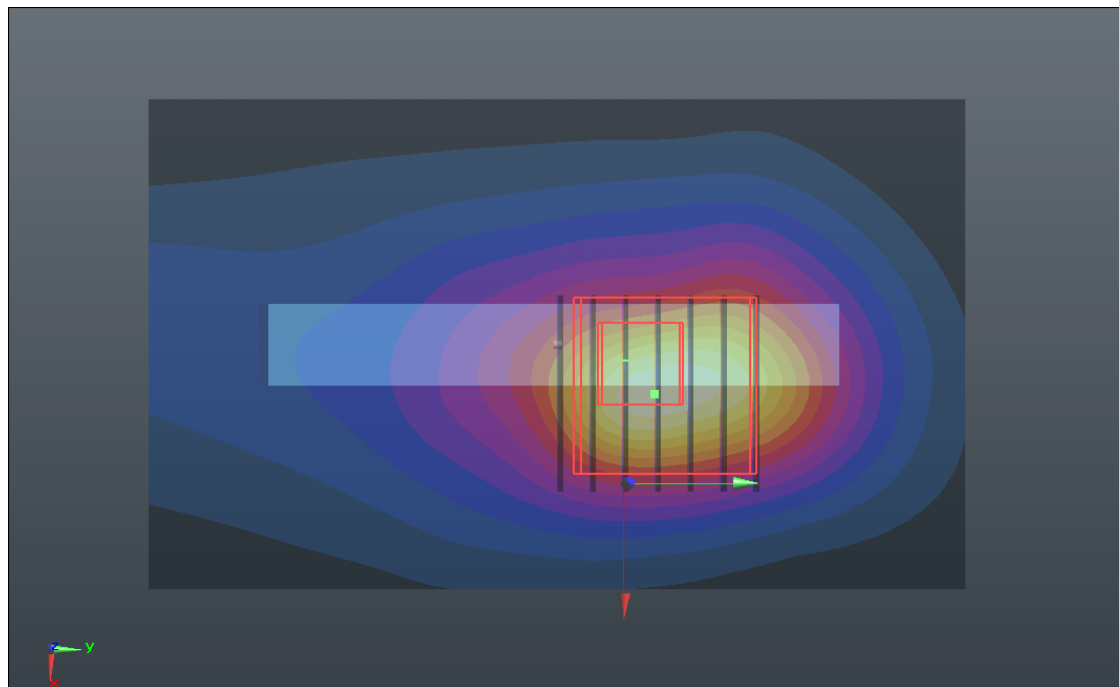
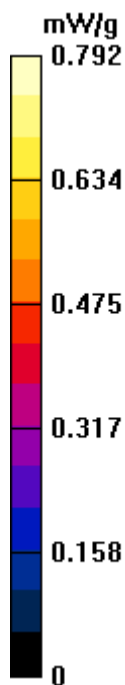
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.097 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 1.5480

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.826 mW/g



P224 802.11n_HT40_Vertical Back_0.5cm_Ch134_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.488 mW/g

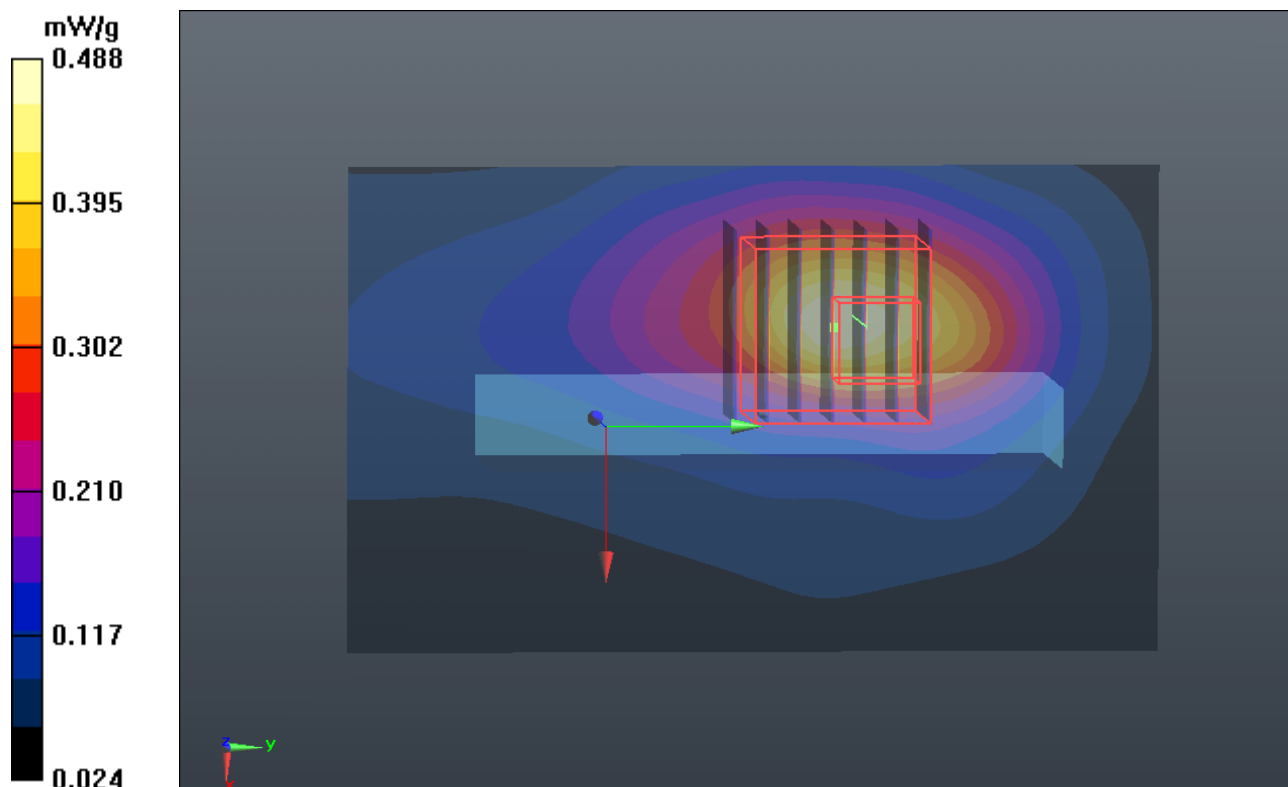
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.286 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.9660

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.498 mW/g



P225 802.11n_HT40_Tip_0.5cm_Ch134_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.964$ mho/m; $\epsilon_r = 47.001$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(3.73, 3.73, 3.73); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.298 mW/g

Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.077 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.5480

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.279 mW/g

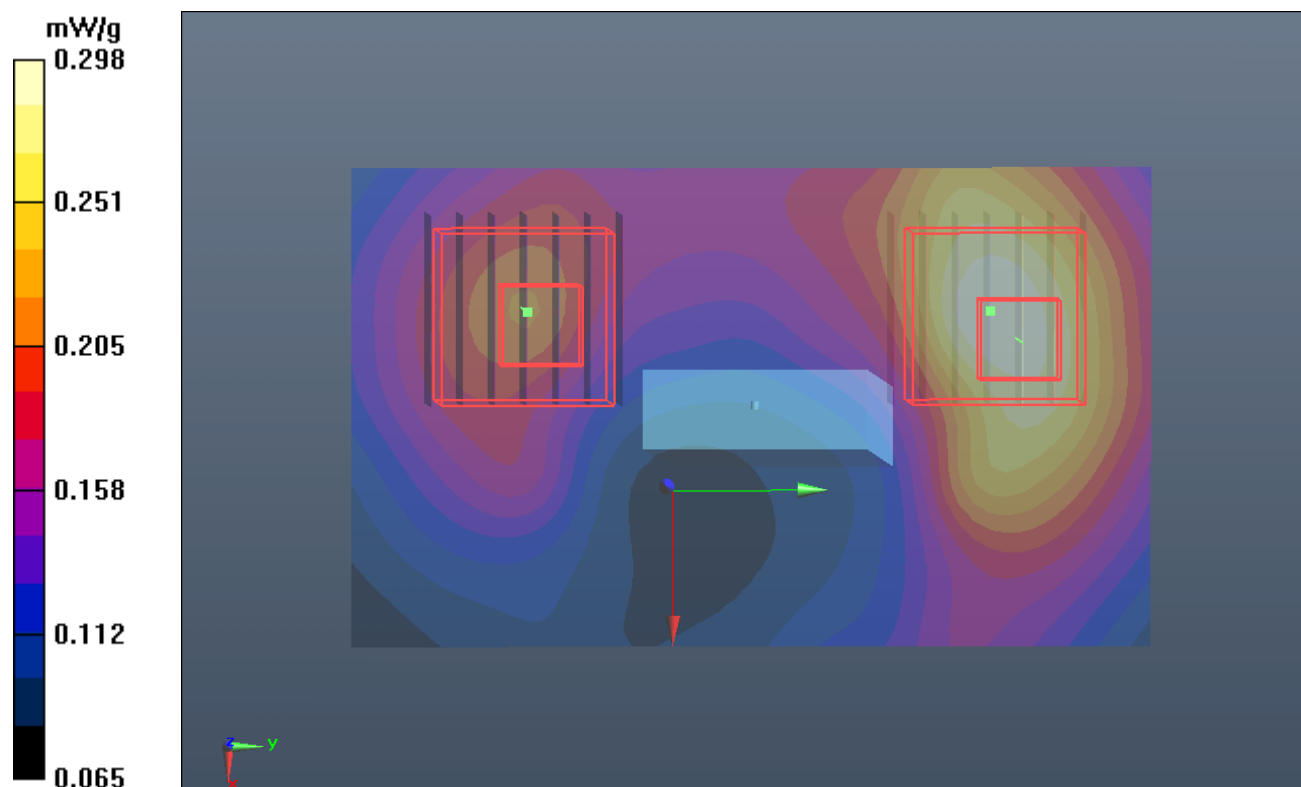
Ch134/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.077 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.4020

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



P226 802.11n_HT40_Horizontal Up_0.5cm_Ch102_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.73$ mho/m; $\epsilon_r = 50.515$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch102/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.091 mW/g

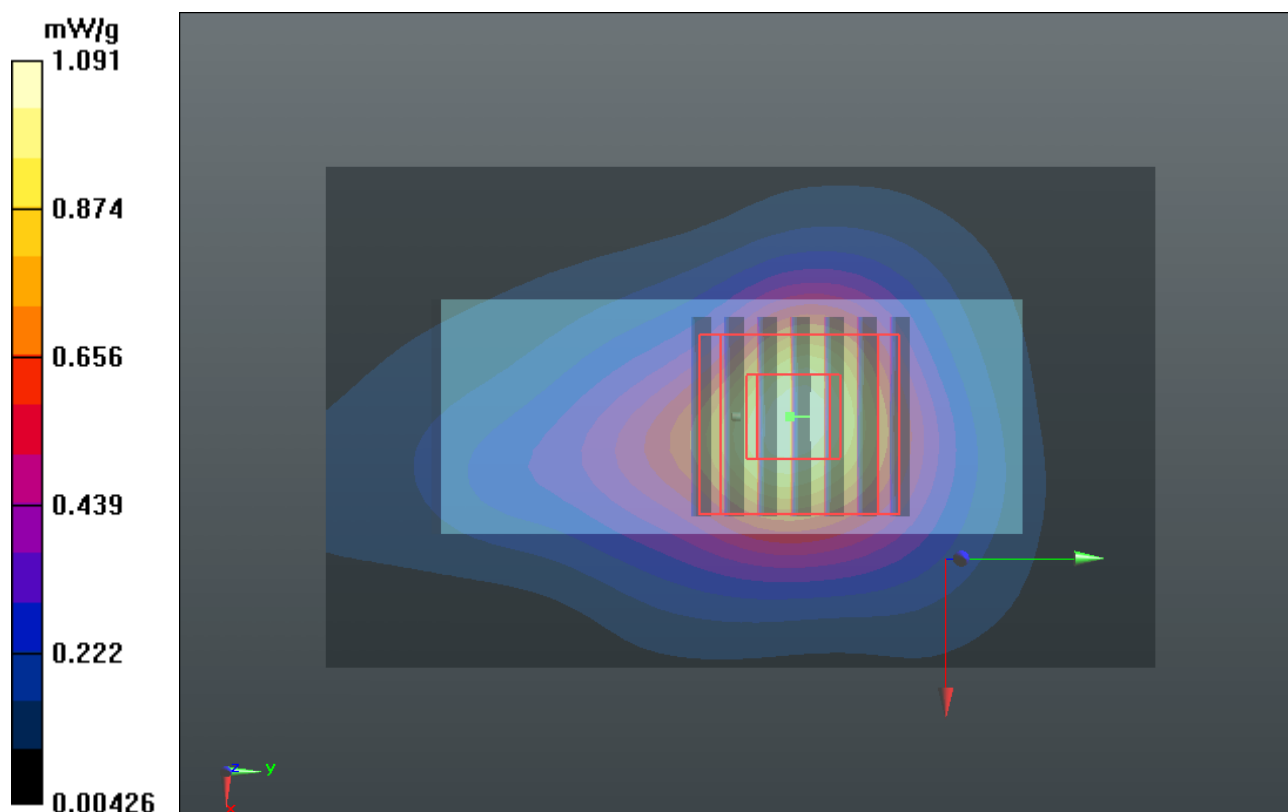
Ch102/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.260 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.6800

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.943 mW/g



P228 802.11n_HT40_Horizontal Up_0.5cm_Ch151_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.12$ mho/m; $\epsilon_r = 49.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch151/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.556 mW/g

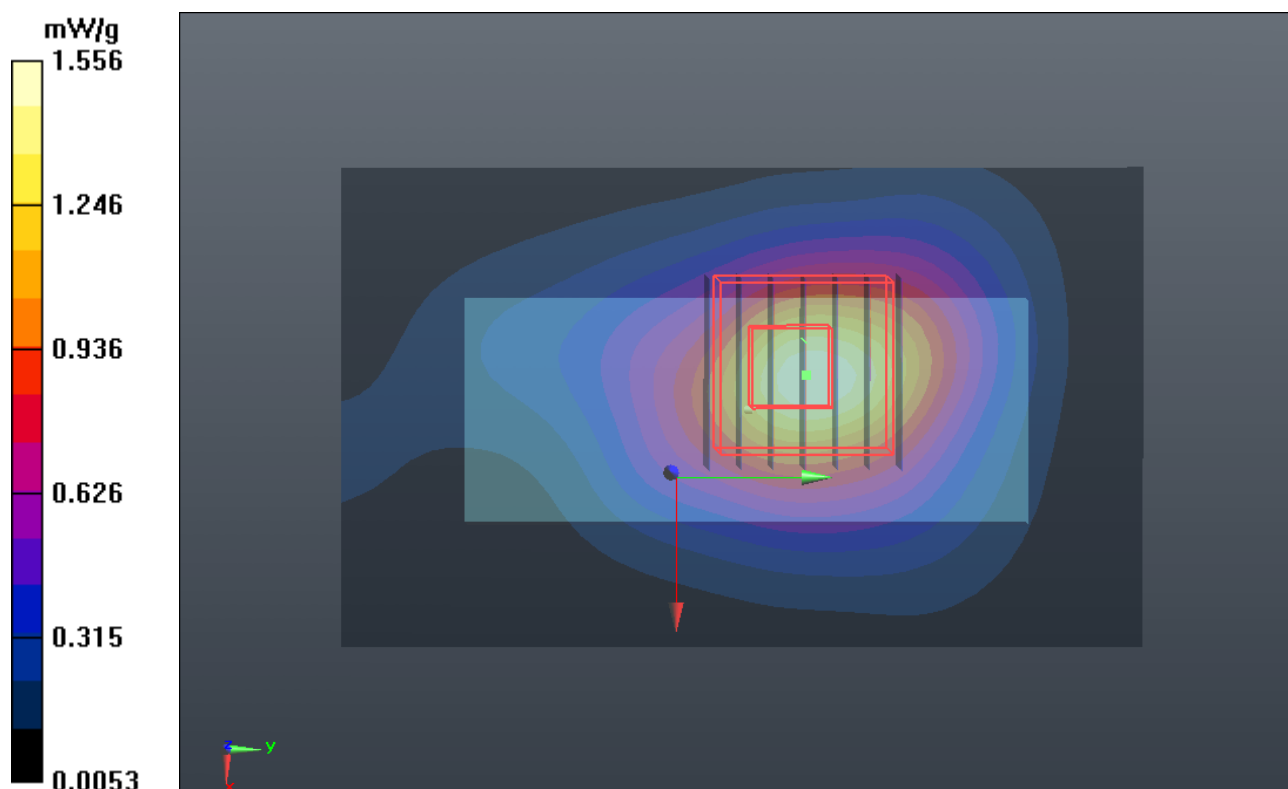
Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.884 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 2.4480

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.309 mW/g



P229 802.11n_HT40_Horizontal Down_0.5cm_Ch151_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.12$ mho/m; $\epsilon_r = 49.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch151/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.314 mW/g

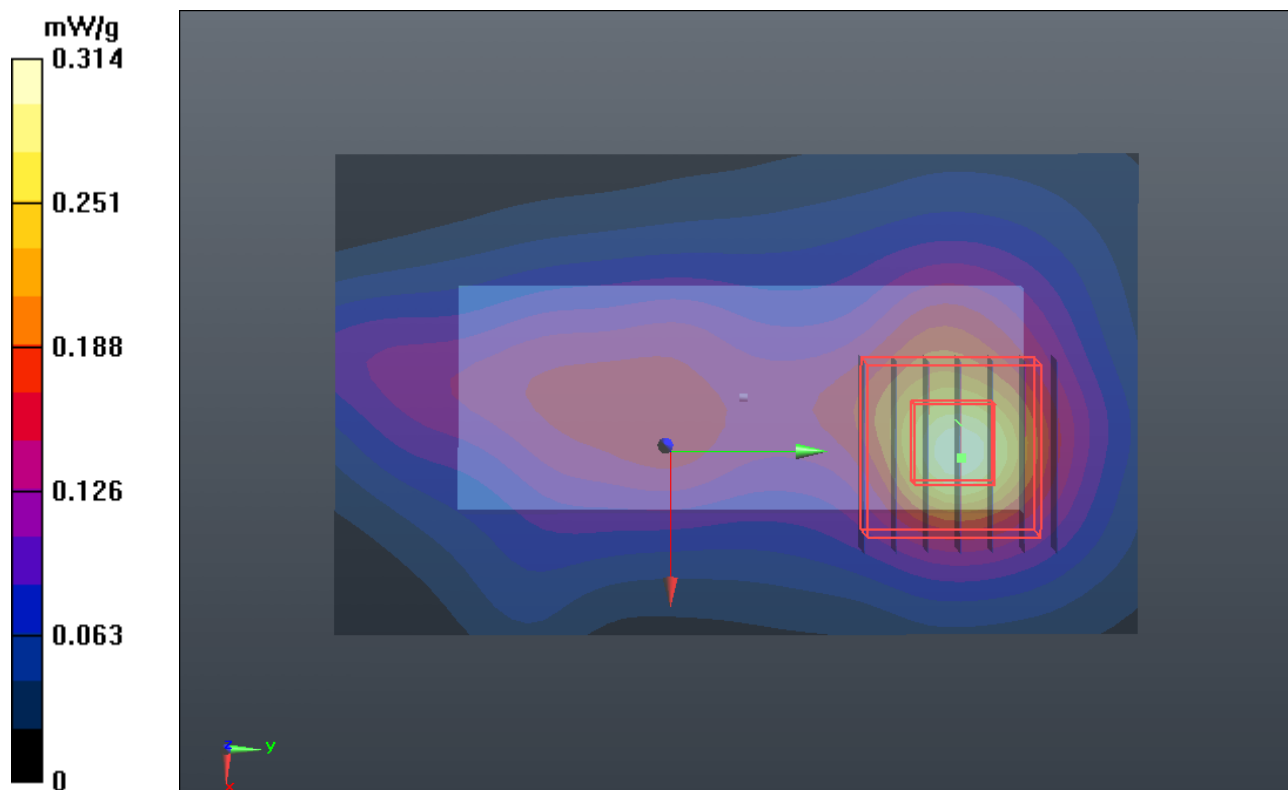
Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.155 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.3890

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



P230 802.11n_HT40_Vertical Front_0.5cm_Ch151_Ch0+1**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0224 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.12$ mho/m; $\epsilon_r = 49.922$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch151/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.621 mW/g

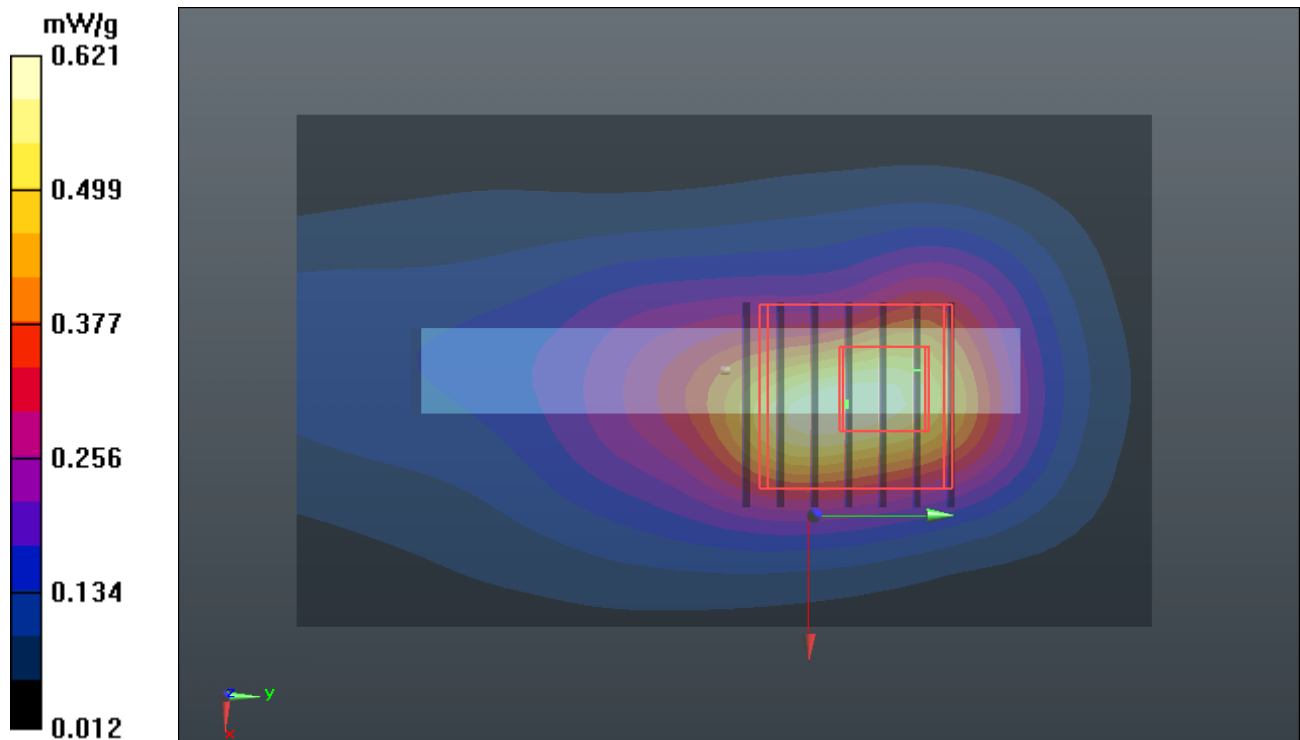
Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.002 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 1.5410

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



P231 802.11n_HT40_Vertical Back_0.5cm_Ch151_Ch0+1 Verify**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 49.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch151/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.688 mW/g

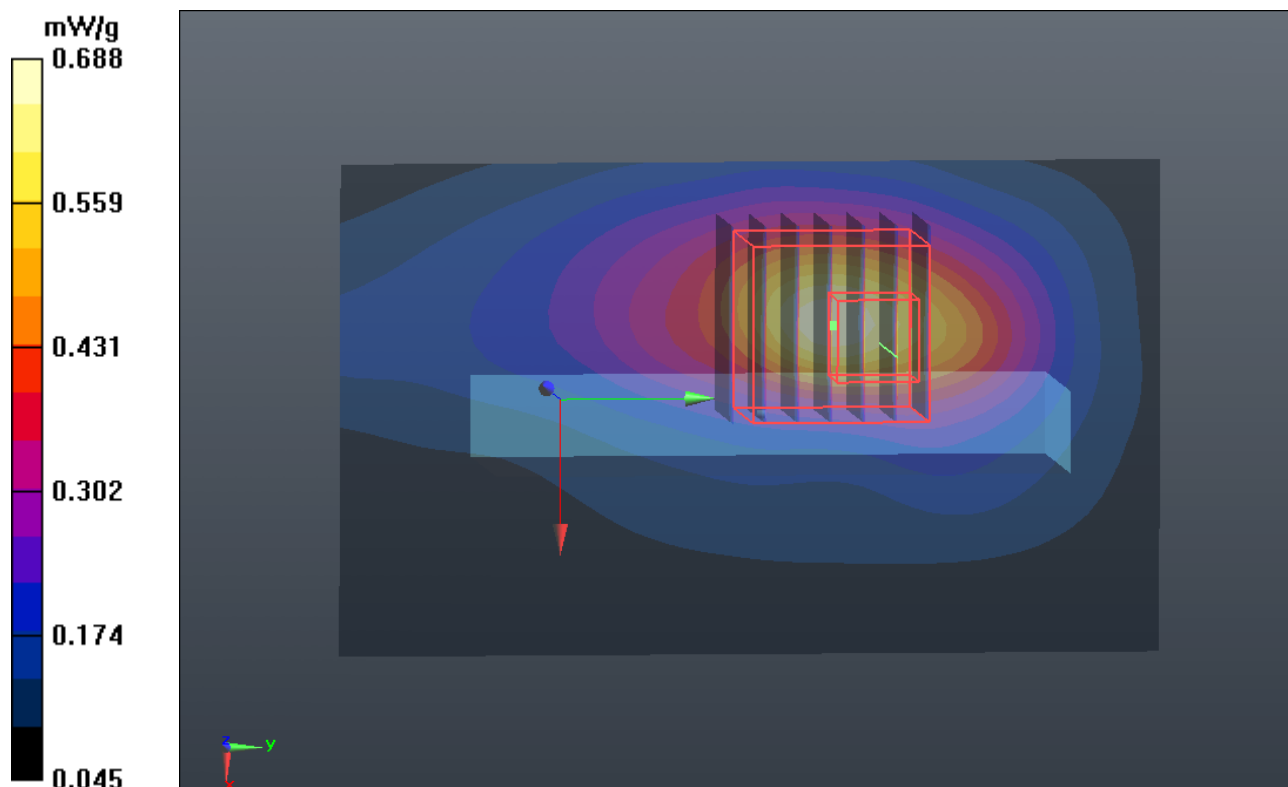
Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.586 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.1550

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.591 mW/g



P232 802.11n_HT40_Tip_0.5cm_Ch151_Ch0+1**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0223 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.266$ mho/m; $\epsilon_r = 47.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.02, 4.02, 4.02); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch151/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.160 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.474 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.3630

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.171 mW/g

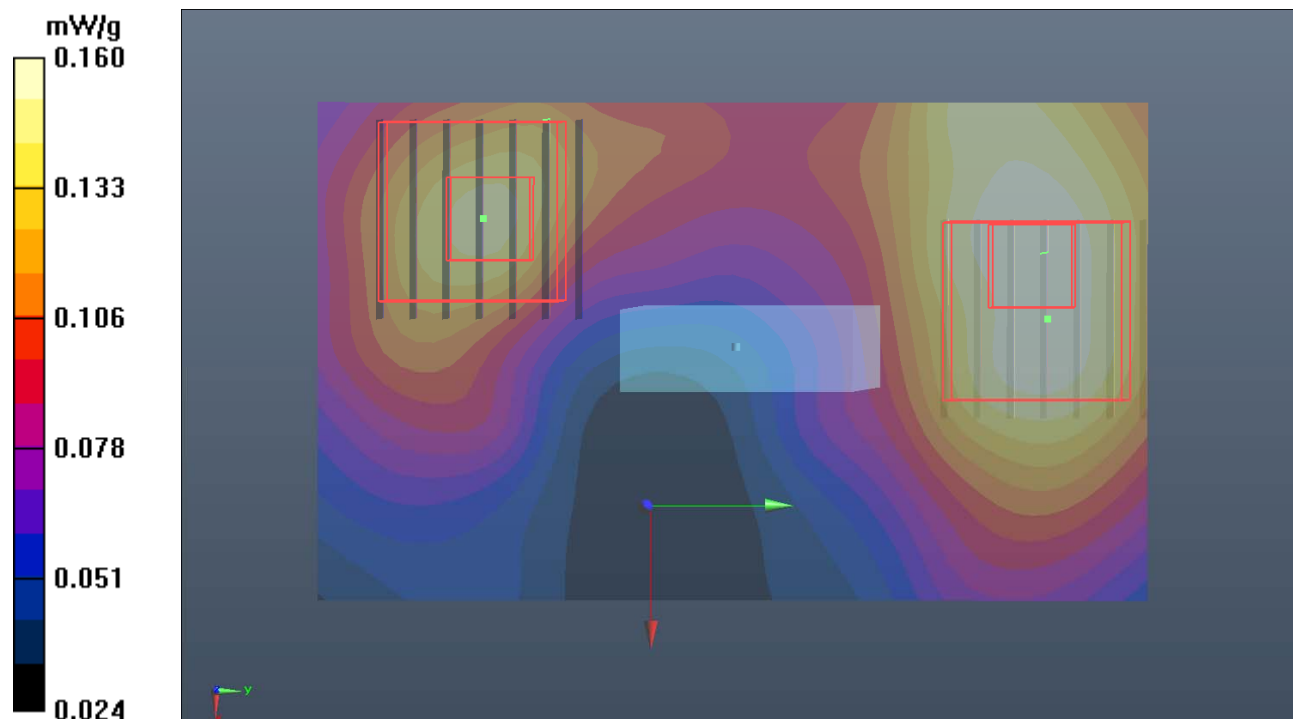
Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.474 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.2410

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



P100 802.11n_HT20_Horizontal Up_0.5cm_Ch6_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.779 mW/g

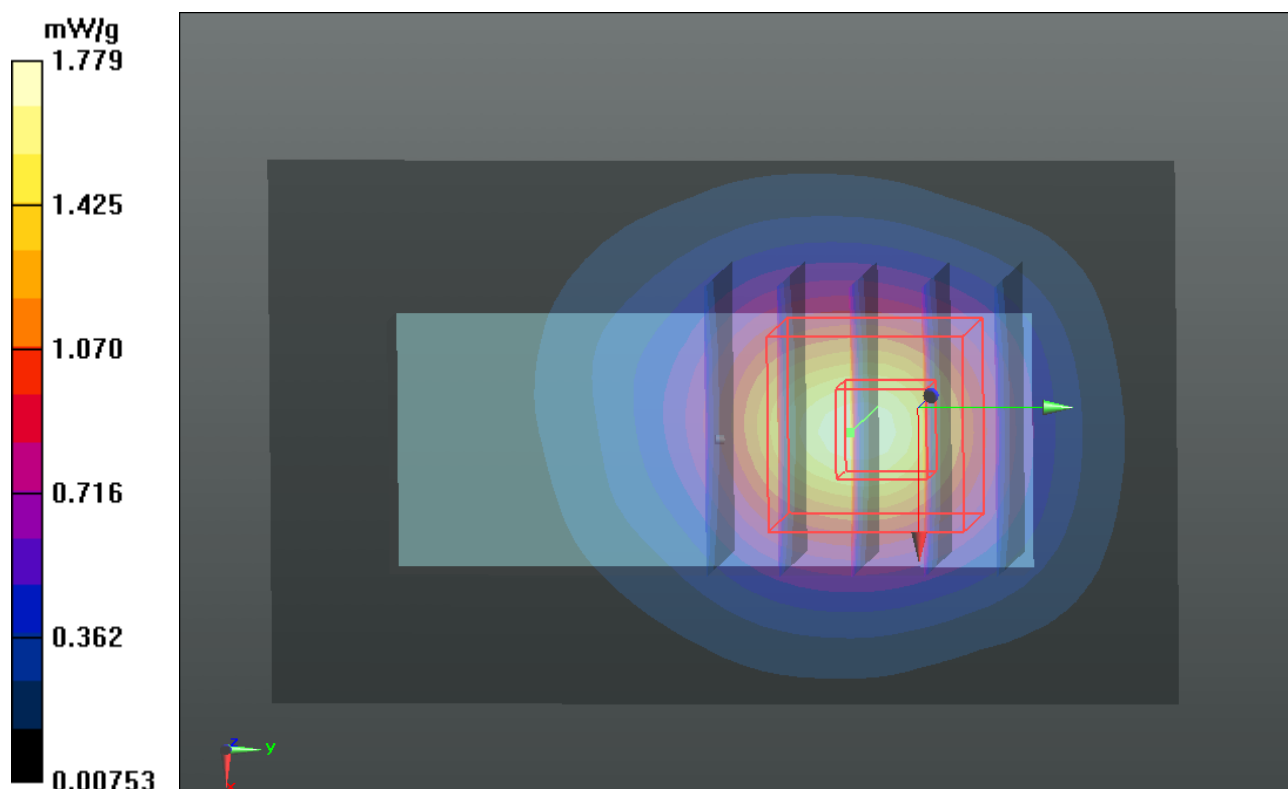
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.507 V/m; Power Drift = -0.080 dB

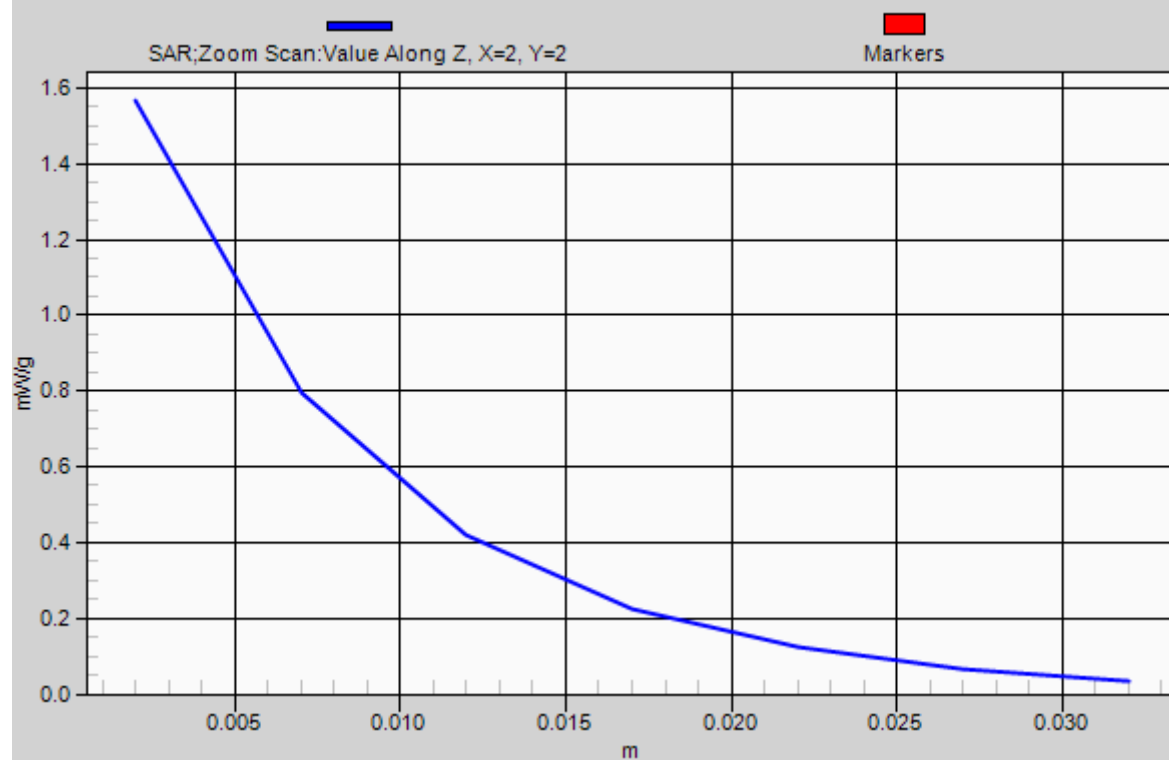
Peak SAR (extrapolated) = 2.2830

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 1.566 mW/g



1g/10g Averaged SAR



P101 802.11n_HT20_Horizontal Down_0.5cm_Ch6_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.650 mW/g

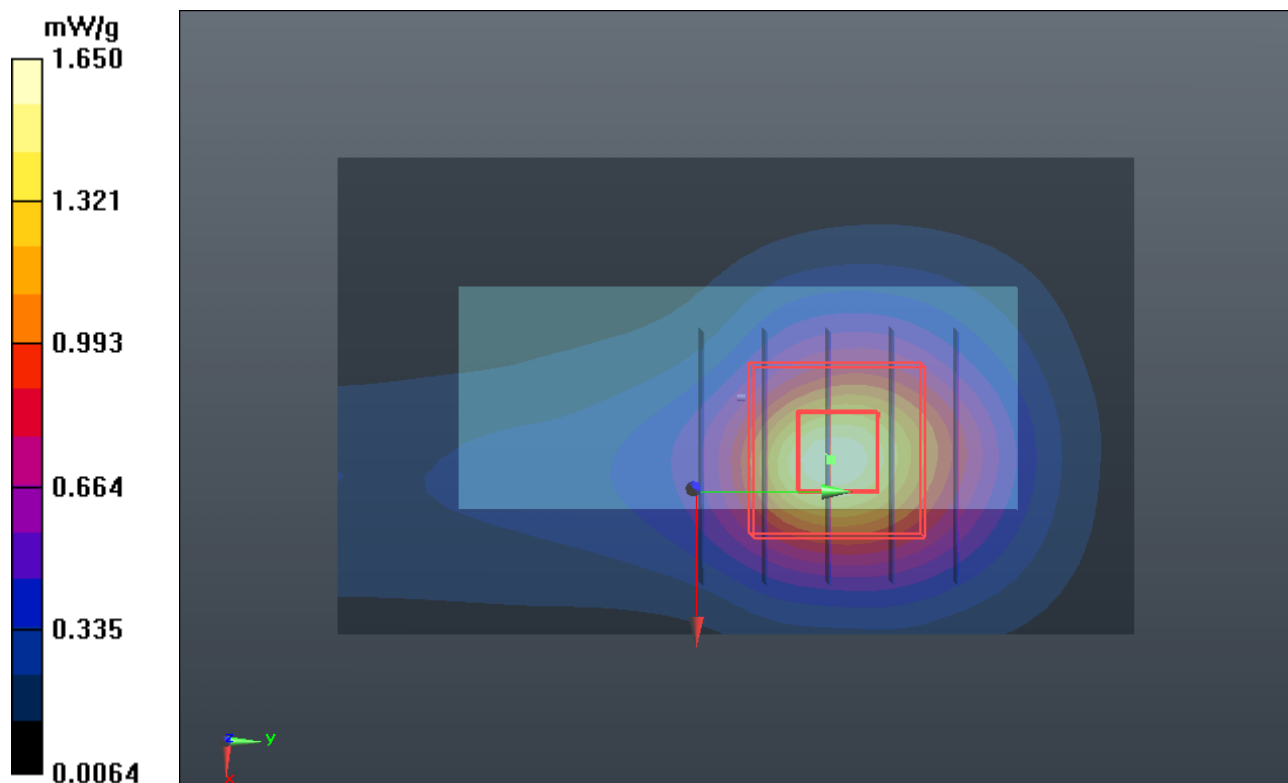
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.967 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 2.0800

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 1.515 mW/g



P102 802.11n_Vertical Front_0.5cm_Ch6_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.507 mW/g

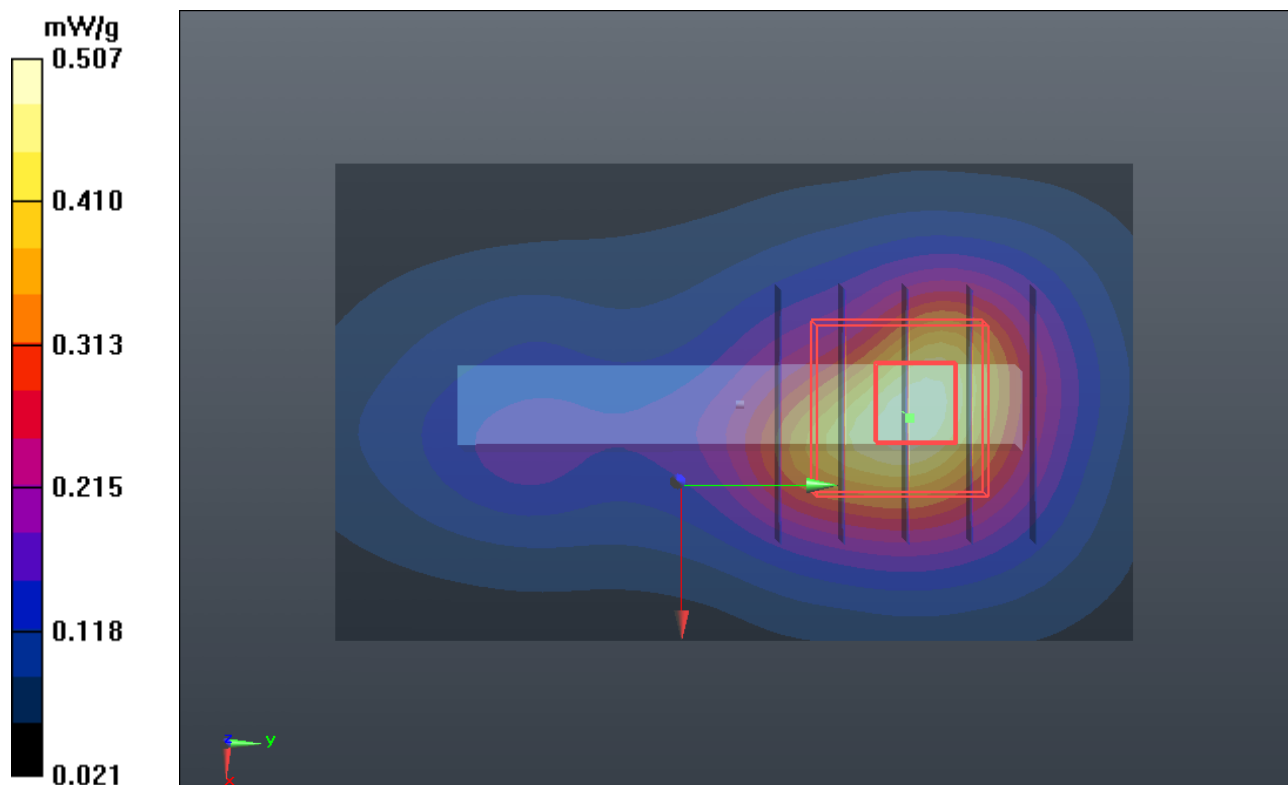
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.103 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 1.0860

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.758 mW/g



P103 802.11n_Vertical Back_0.5cm_Ch6_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.240 mW/g

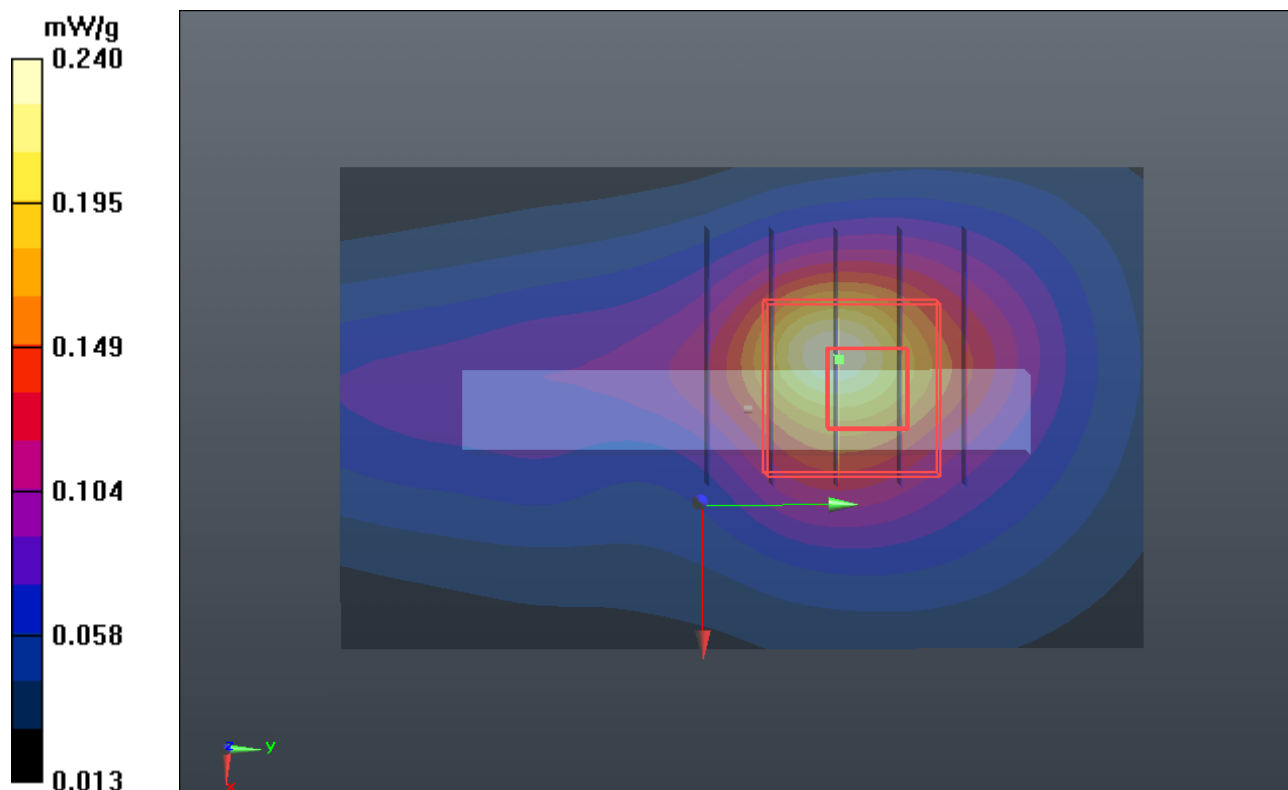
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.206 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.4680

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.294 mW/g



P104 802.11n_HT20_Tip Mode_0.5cm_Ch6_Ch0+1**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 50.983$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.472 mW/g

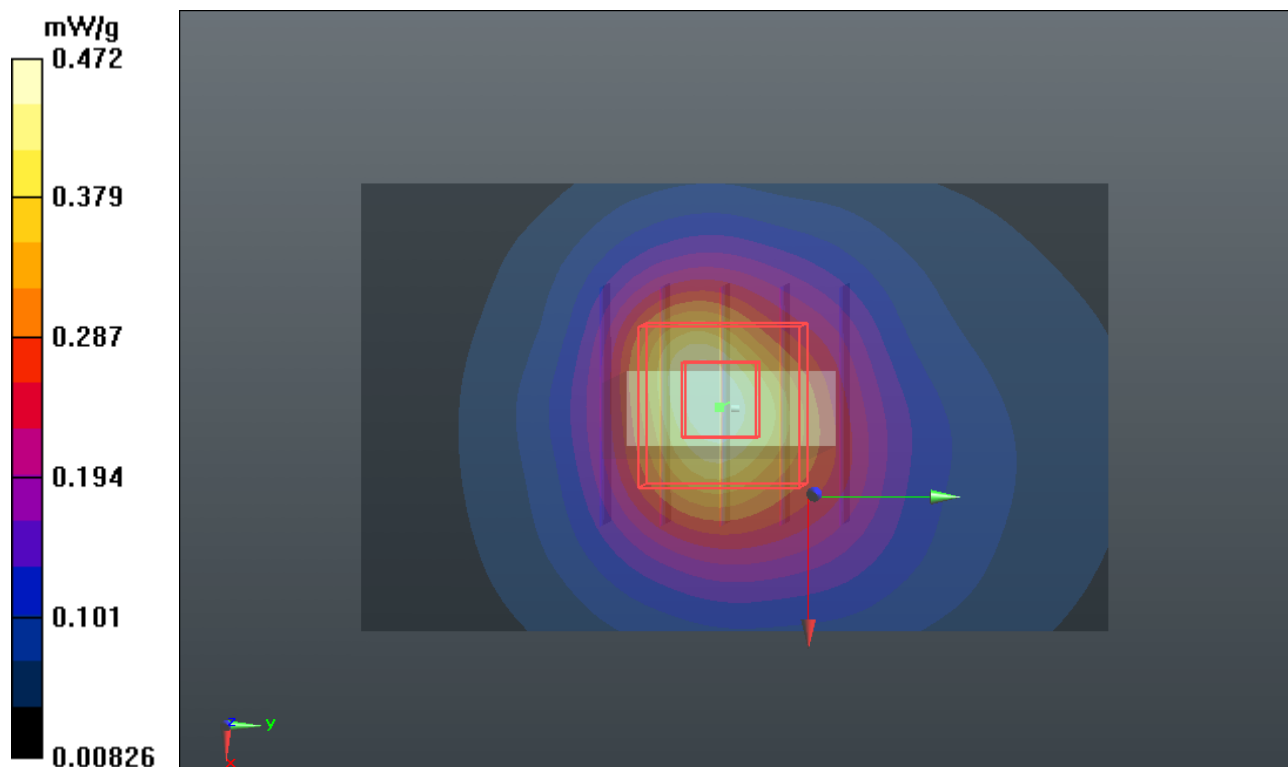
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.828 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.8090

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



P105 802.11n_HT20_Horizontal Up_0.5cm_Ch1_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.928$ mho/m; $\epsilon_r = 51.082$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.432 mW/g

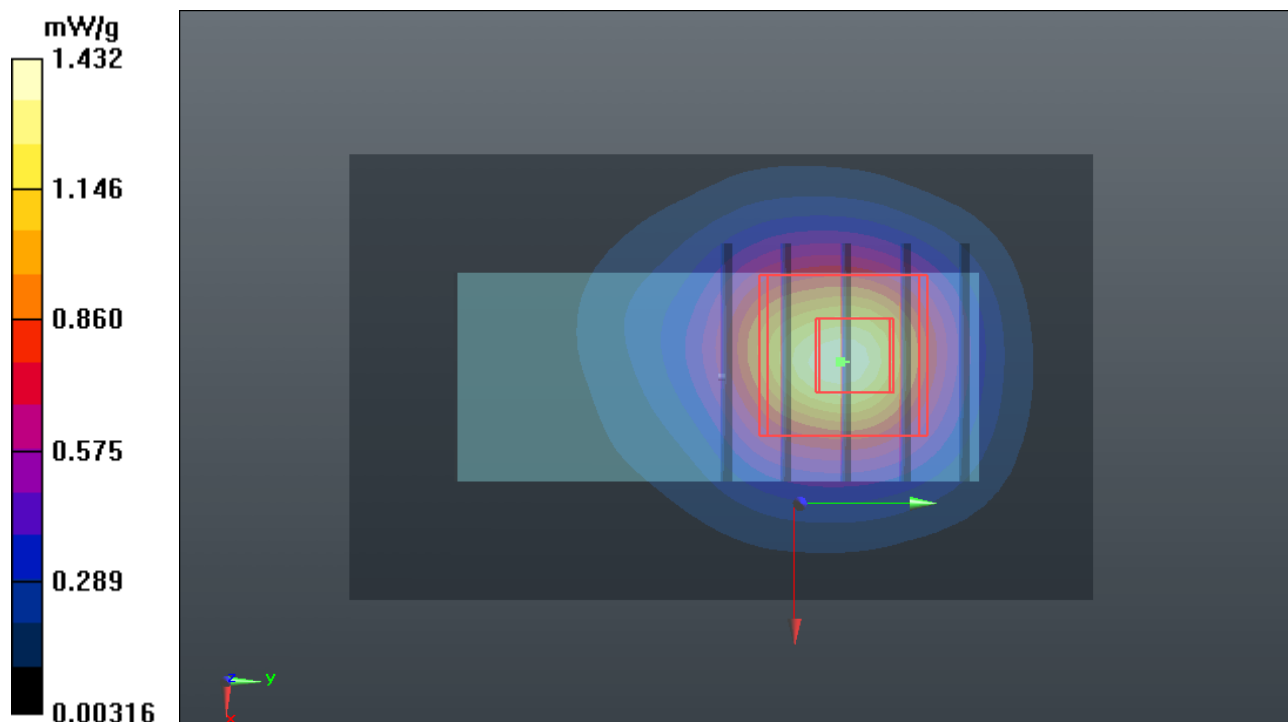
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.636 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.7870

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.400 mW/g

Maximum value of SAR (measured) = 1.266 mW/g



P106 802.11n_HT20_Horizontal Up_0.5cm_Ch11_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.023 mW/g

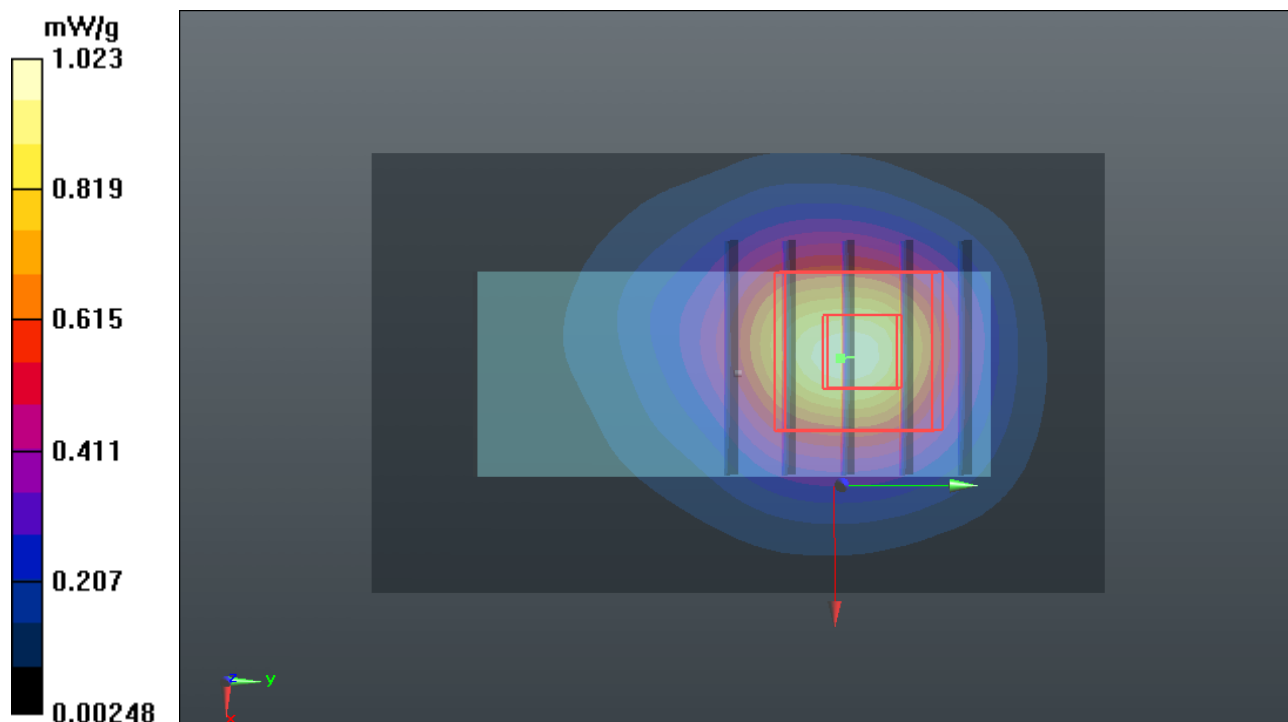
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.494 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.4870

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.974 mW/g



P139 802.11n_HT20_Horizontal Down_0.5cm_Ch1_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.928$ mho/m; $\epsilon_r = 51.082$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.668 mW/g

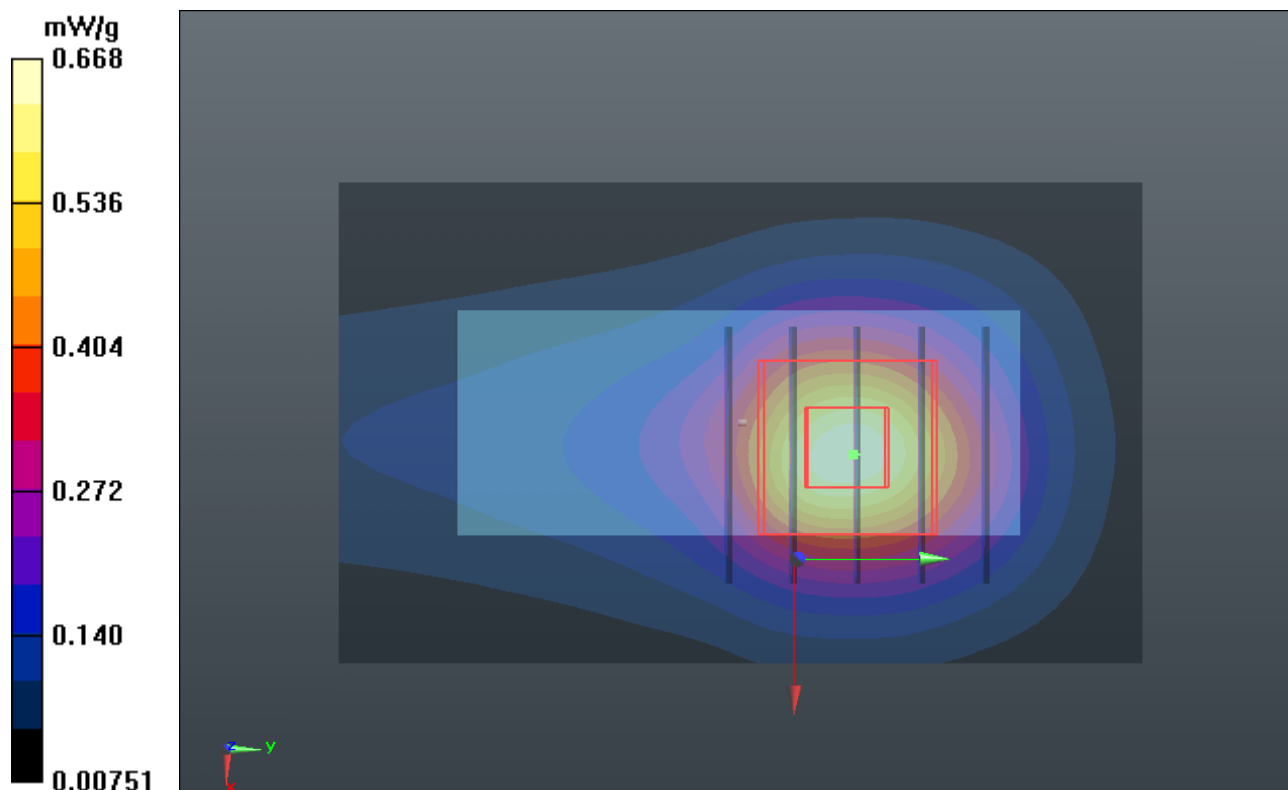
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.653 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.7650

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.563 mW/g



P140 802.11n_HT20_Horizontal Down_0.5cm_Ch11_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 2450; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.993$ mho/m; $\epsilon_r = 50.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g

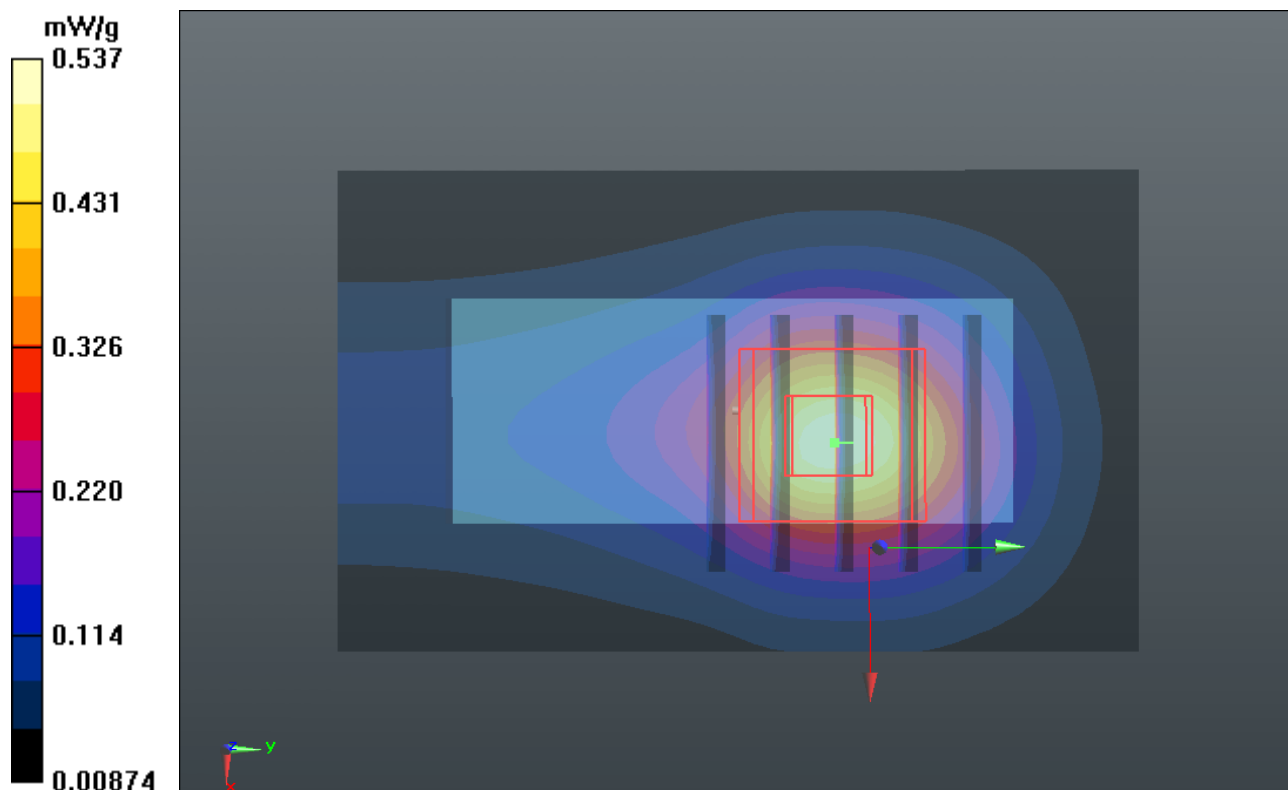
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.081 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.6770

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



P107 802.11n_HT40_Horizontal Up_0.5cm_Ch46_Ch0+1+2**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.242$ mho/m; $\epsilon_r = 50.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.263 mW/g

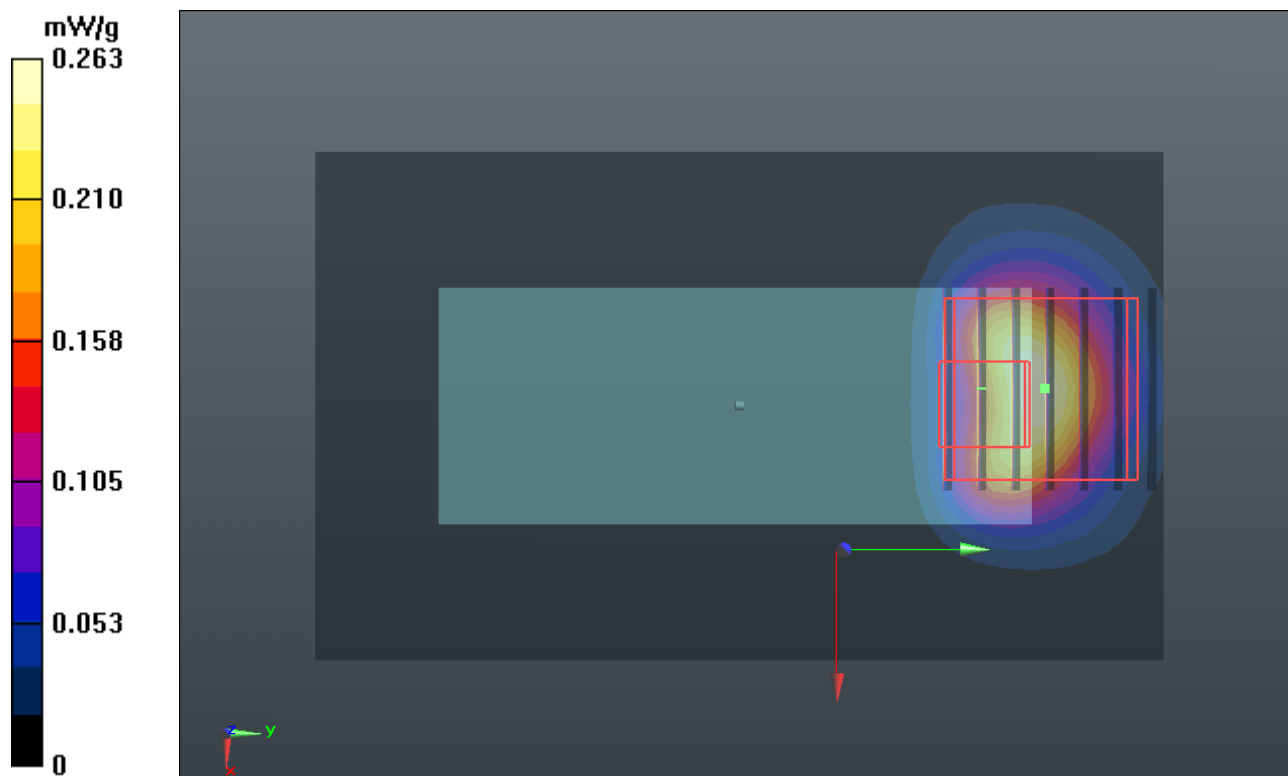
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.0270

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



P108 802.11n_HT40_Horizontal Downl _0.5cm_Ch46_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.242$ mho/m; $\epsilon_r = 50.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.258 mW/g

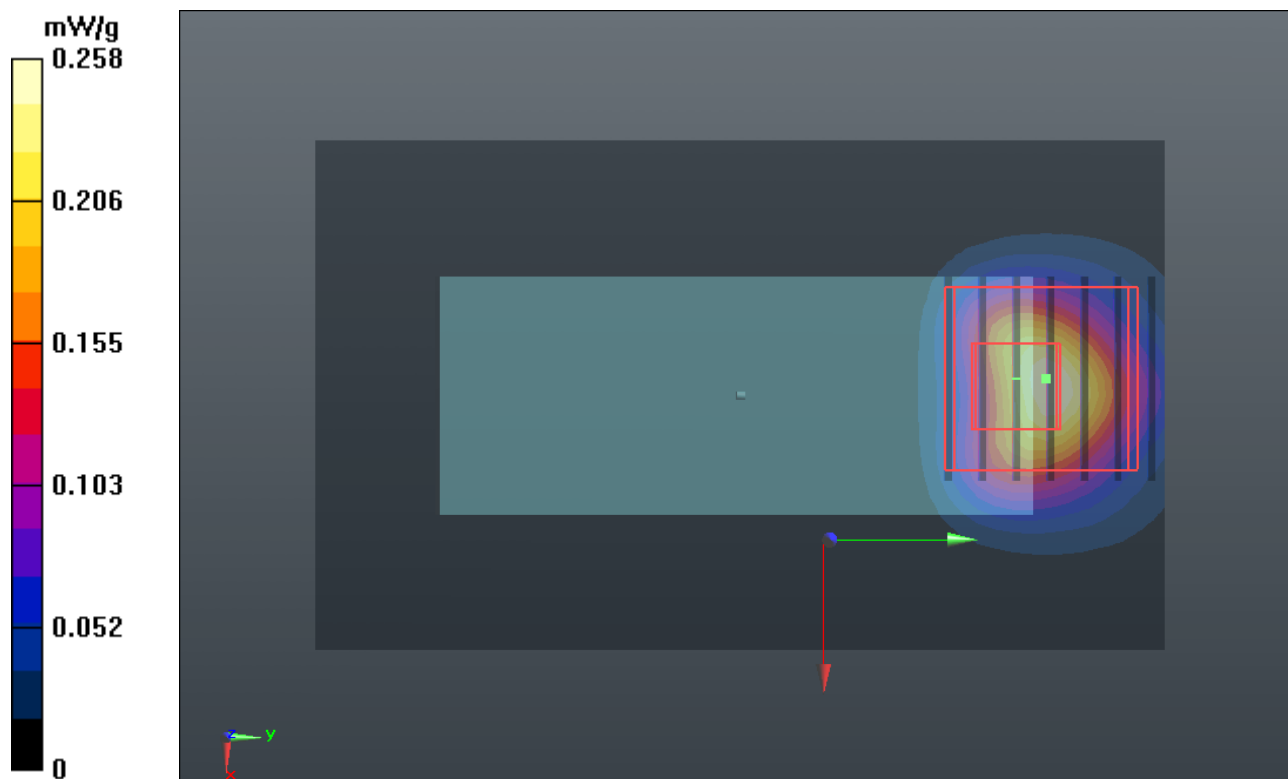
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.452 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.5050

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.261 mW/g



P109 802.11n_HT40_Vertical Front_0.5cm_Ch46_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.242$ mho/m; $\epsilon_r = 50.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.083 mW/g

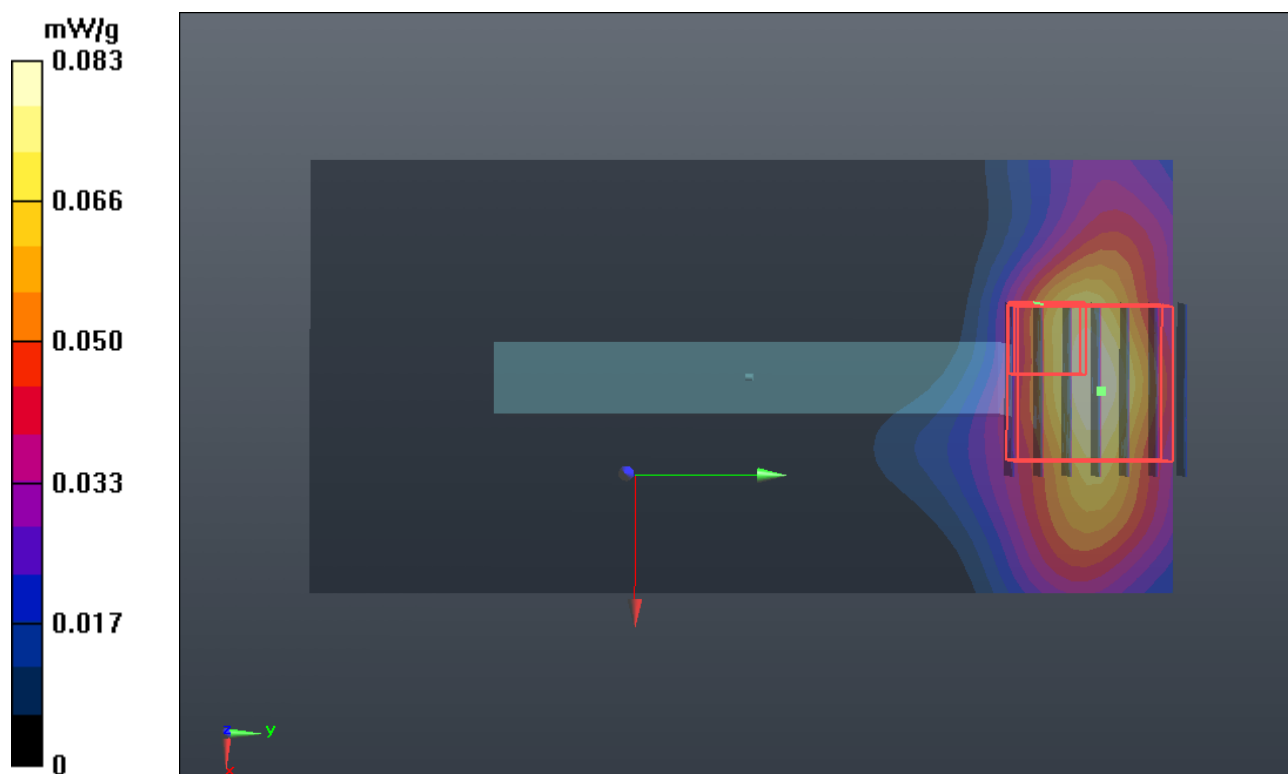
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.223 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.0850

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00961 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



P110 802.11n_HT40_Vertical Back_0.5cm_Ch46_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.242$ mho/m; $\epsilon_r = 50.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.059 mW/g

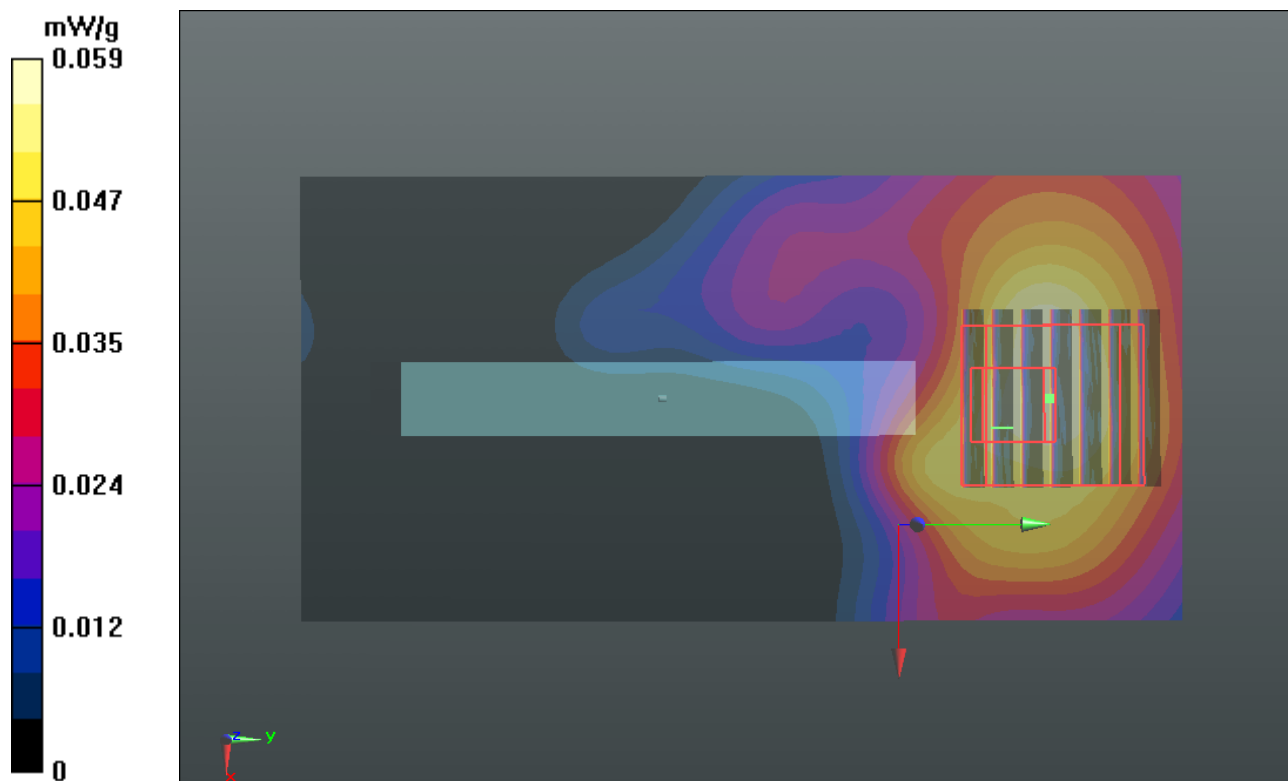
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.602 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.1360

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.057 mW/g



P111 802.11n_HT40_Tip_0.5cm_Ch46_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_0229 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.242$ mho/m; $\epsilon_r = 50.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.62, 4.62, 4.62); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch46/Area Scan (61x61x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.428 mW/g

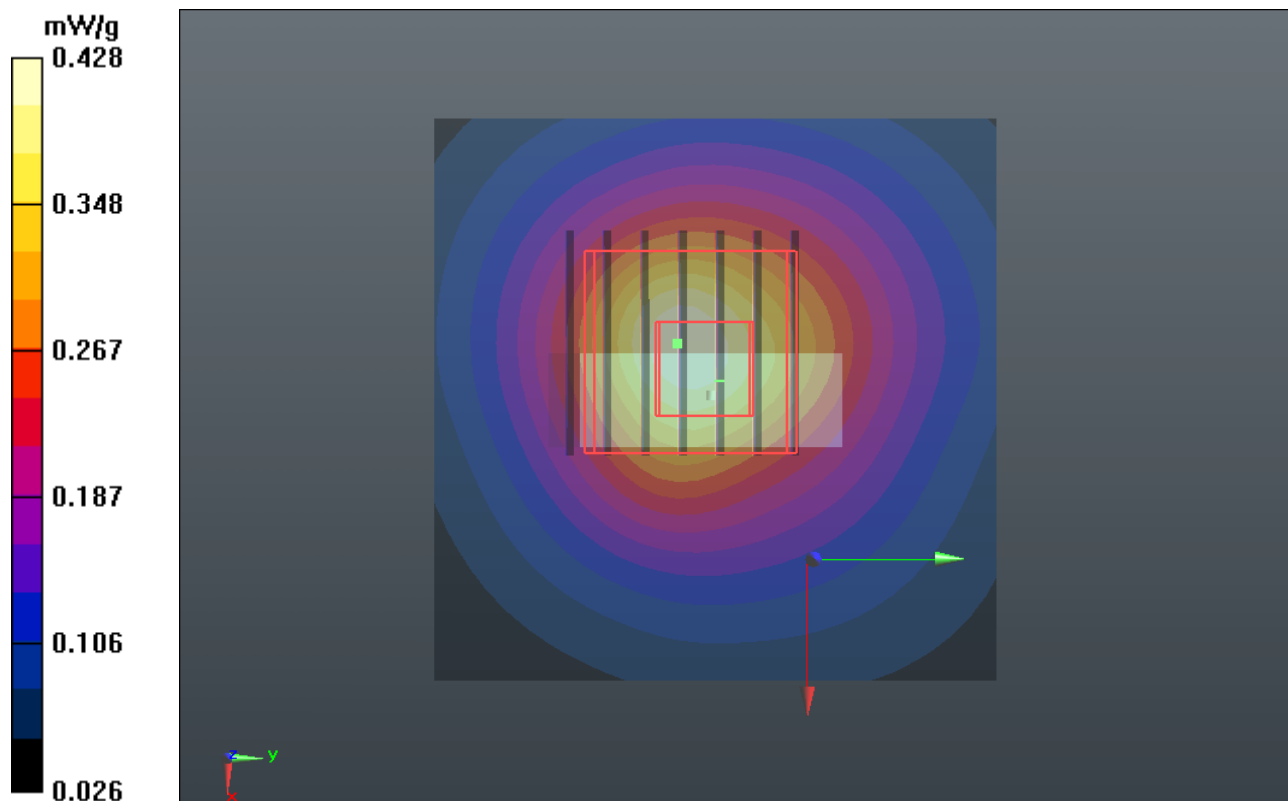
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 11.289 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.1080

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.599 mW/g



P113 802.11n_HT40_Horizontal Up_0.5cm_Ch54_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 50.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch54/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.855 mW/g

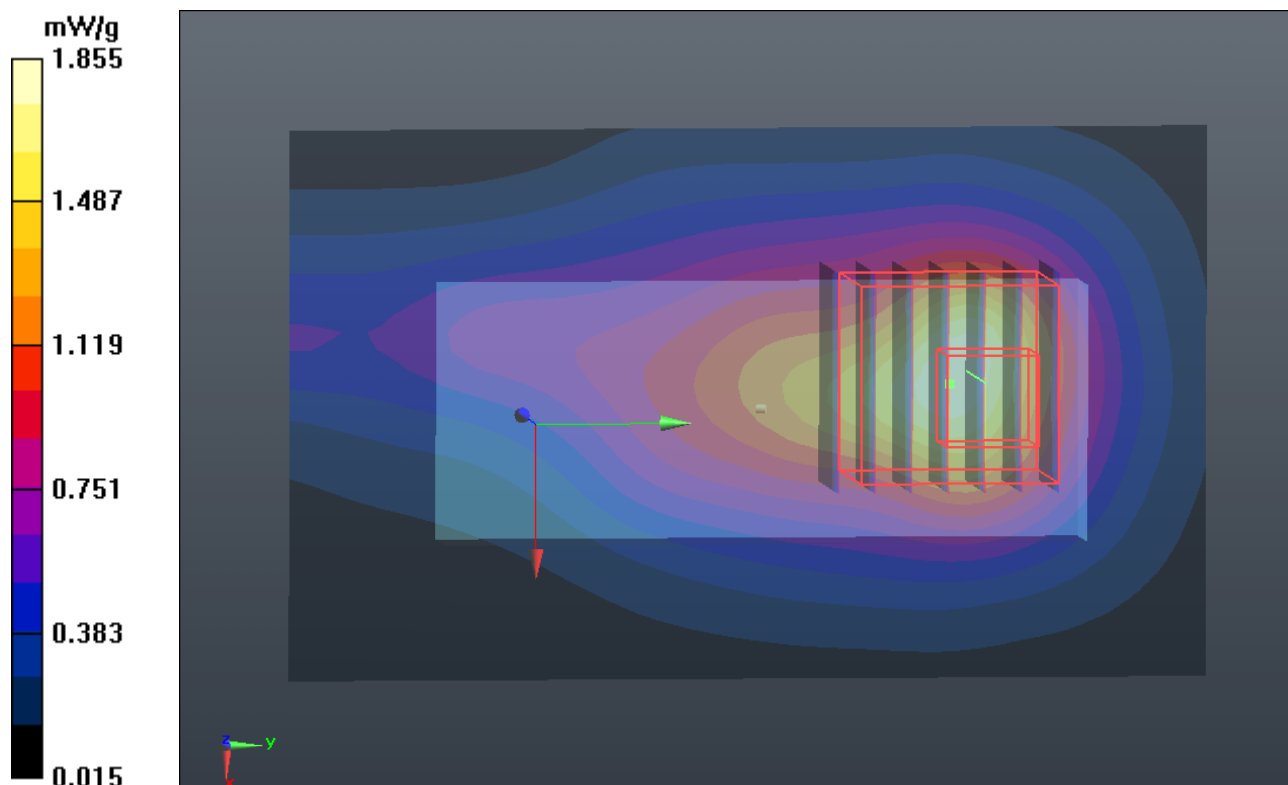
Ch54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.802 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 3.2150

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 1.775 mW/g



P114 802.11n_HT40_Horizontal_Down_0.5cm_Ch54_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 50.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch54/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.950 mW/g

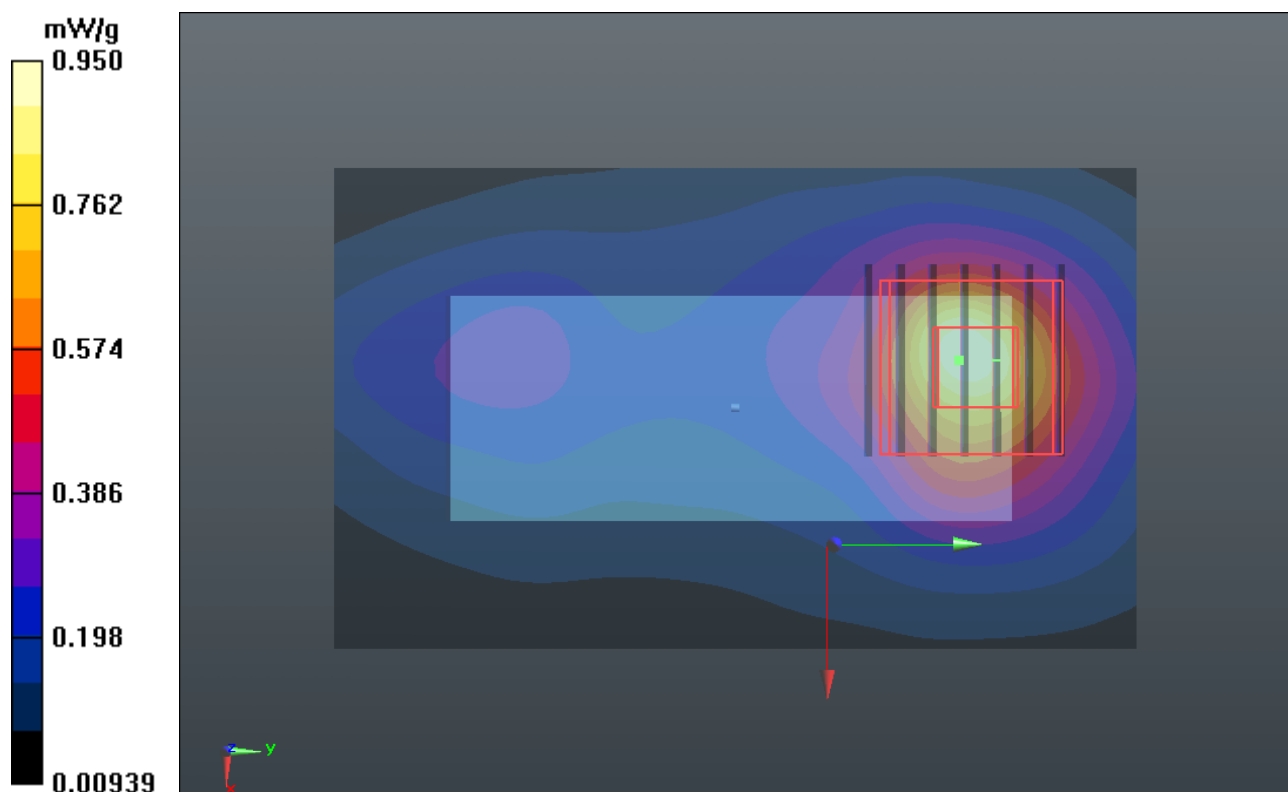
Ch54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 8.849 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.6390

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.892 mW/g



P115 802.11n_HT40_Vertical Front_0.5cm_Ch54_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 50.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch54/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.436 mW/g

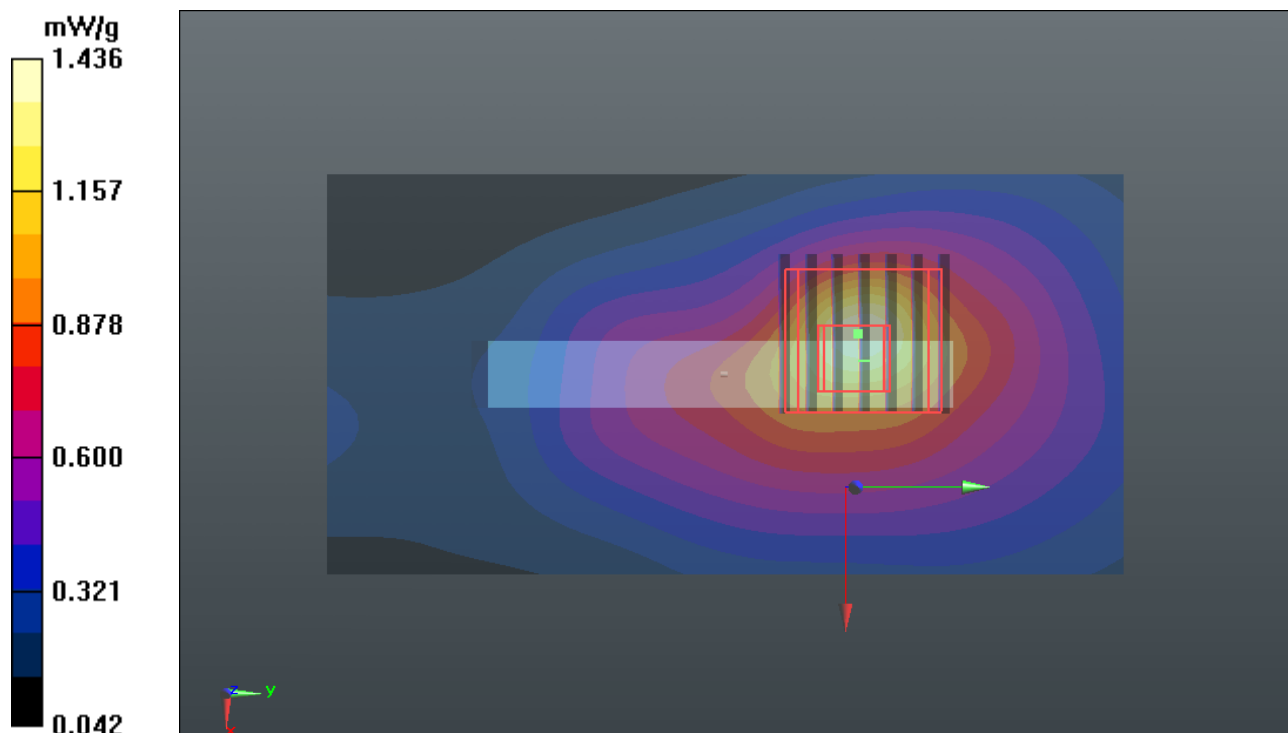
Ch54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.533 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 2.5900

SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 1.457 mW/g



P116 802.11n_HT40_Vertical Back_0.5cm_Ch54_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 50.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch54/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.051 mW/g

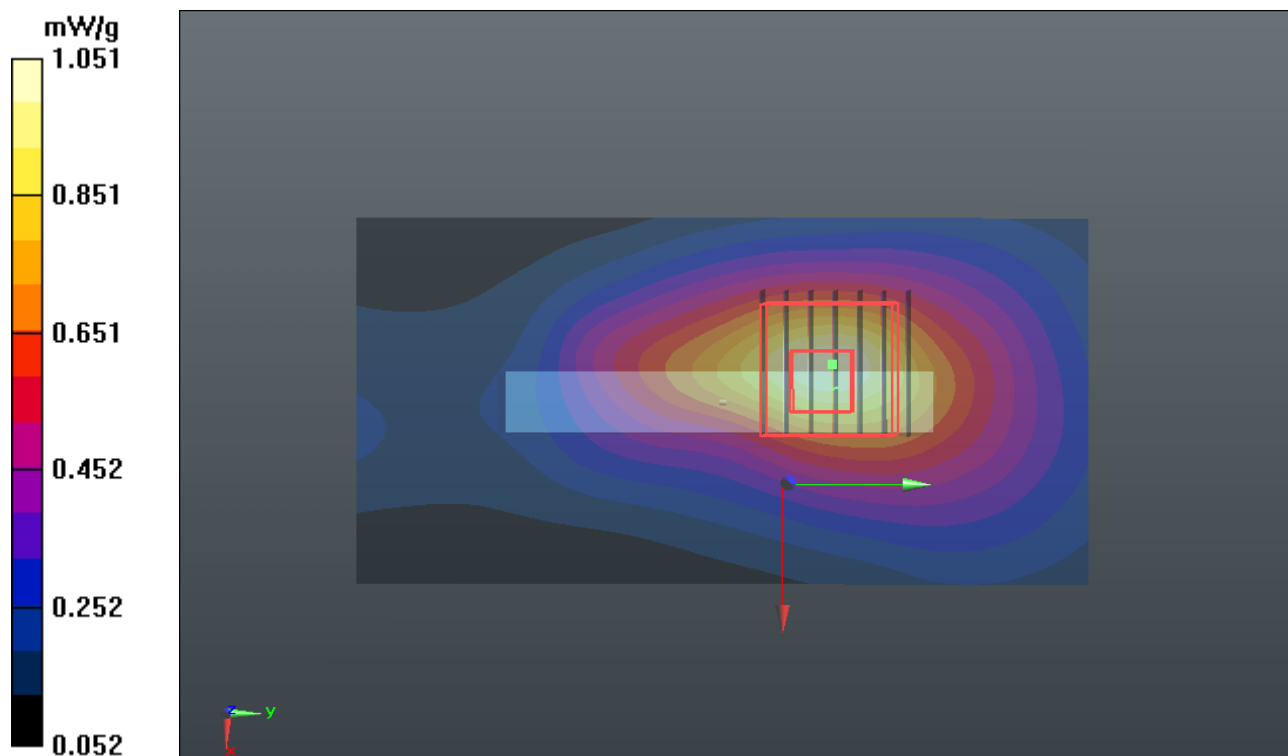
Ch54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.435 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.7660

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 1.496 mW/g



P117 802.11n_HT40_Tip Mode_0.5cm_Ch54_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 50.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch54/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.792 mW/g

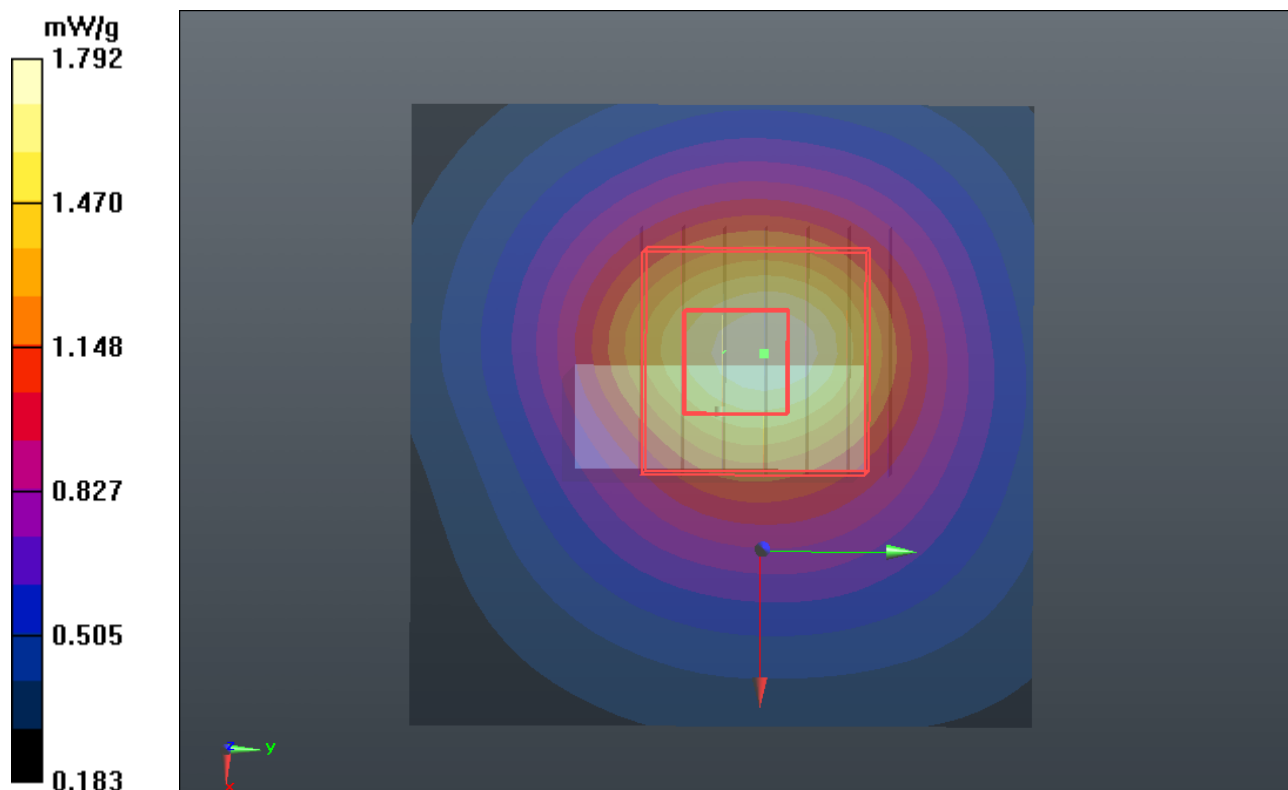
Ch54/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 25.374 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.2900

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 1.820 mW/g



P118 802.11n_HT40_Horizontal Up_0.5cm_Ch62_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.361$ mho/m; $\epsilon_r = 50.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch62/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.296 mW/g

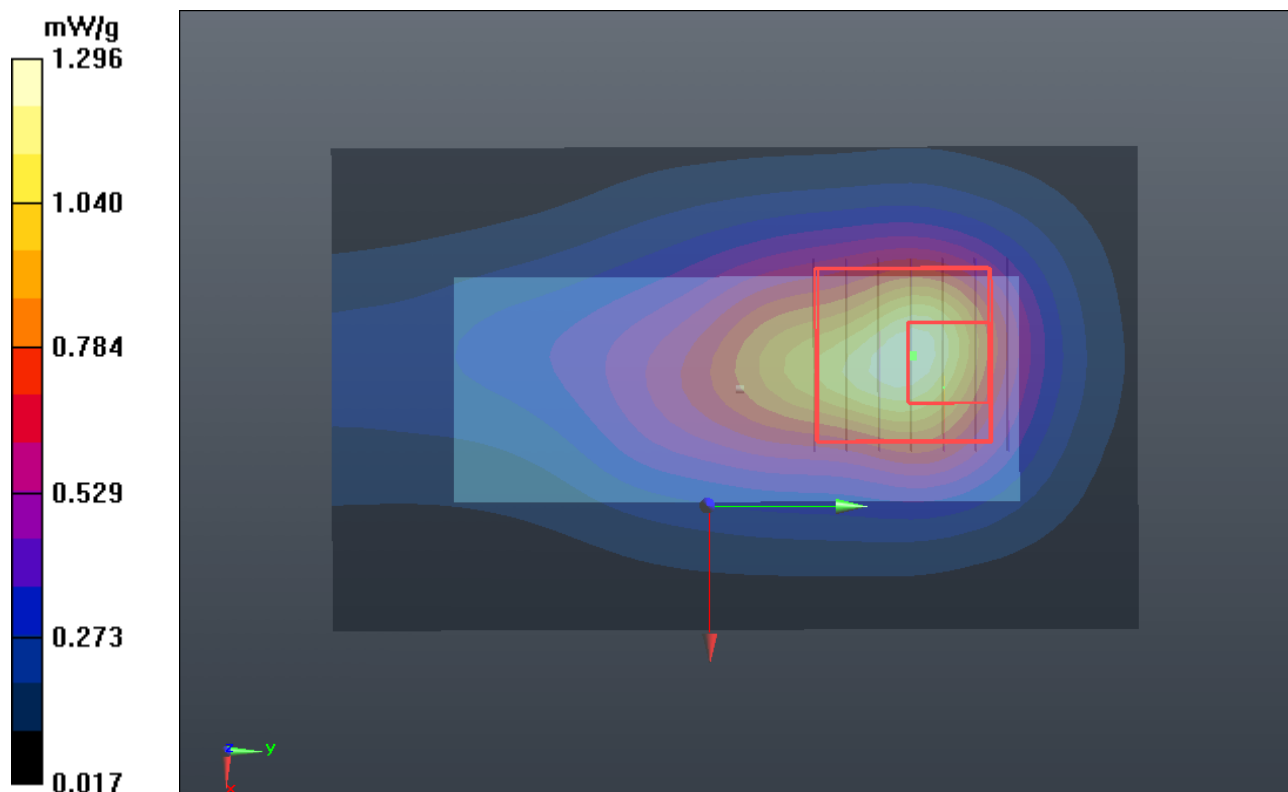
B/Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.856 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.1630

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



P141 802.11n_HT40_Vertical Back_0.5cm_Ch62_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.361$ mho/m; $\epsilon_r = 50.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch62/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.488 mW/g

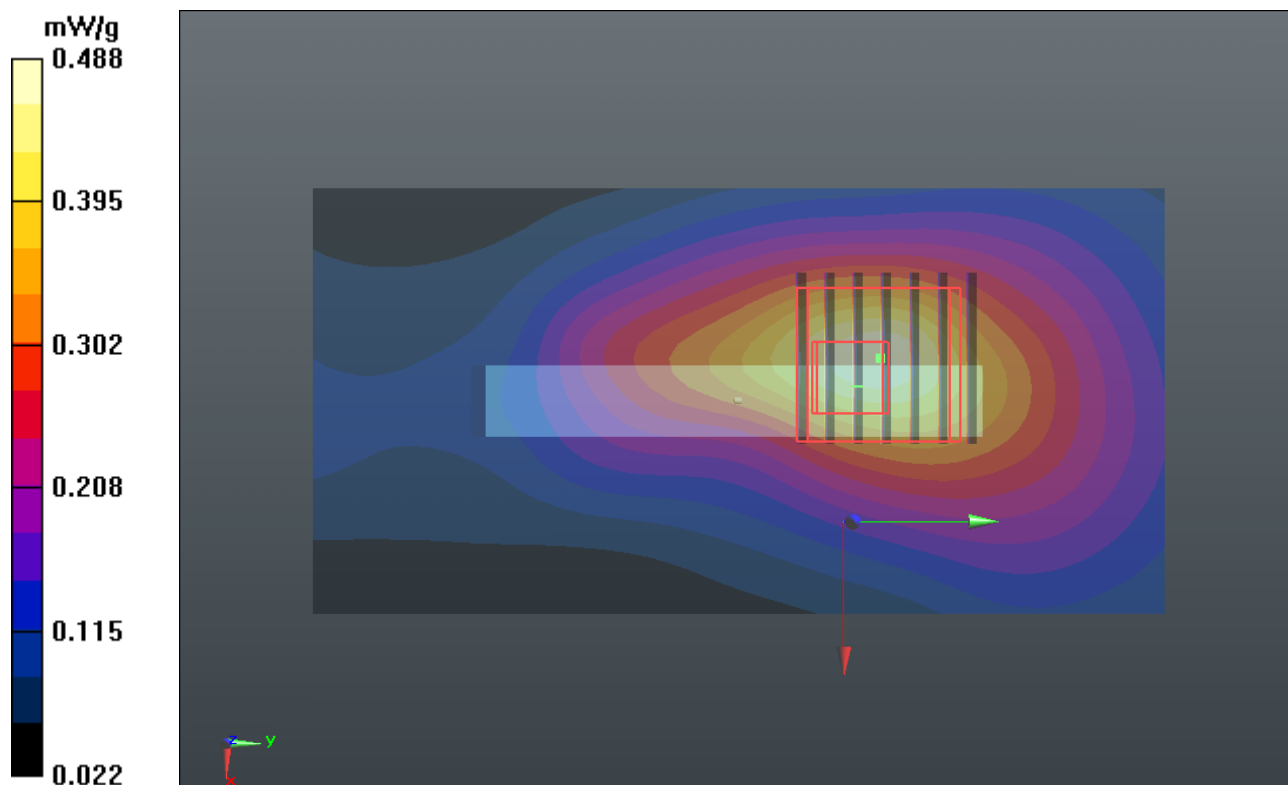
Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.611 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.3740

SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.732 mW/g



P142 802.11n_HT40_Tip Mode_0.5cm_Ch62_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.361$ mho/m; $\epsilon_r = 50.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch62/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.733 mW/g

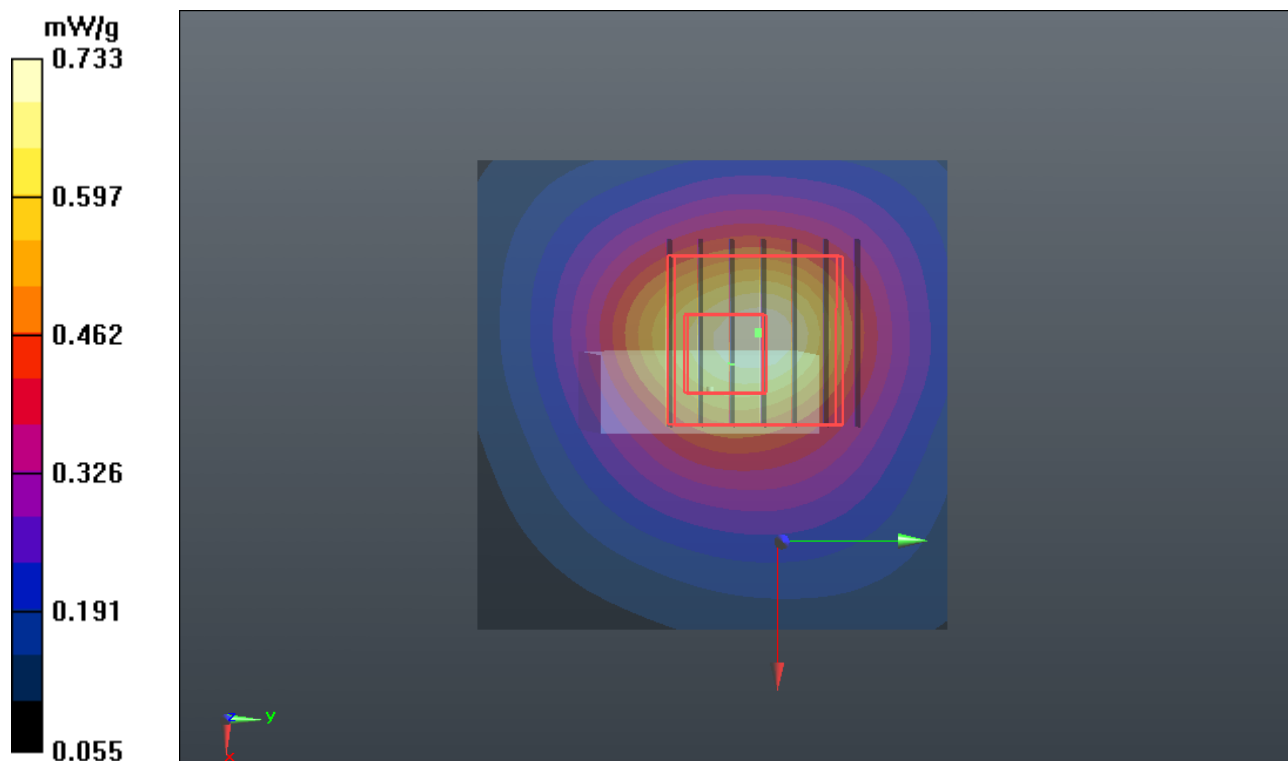
Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.259 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.7980

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



P119 802.11n_HT40_Horizontal Up_0.5cm_Ch134_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.231 mW/g

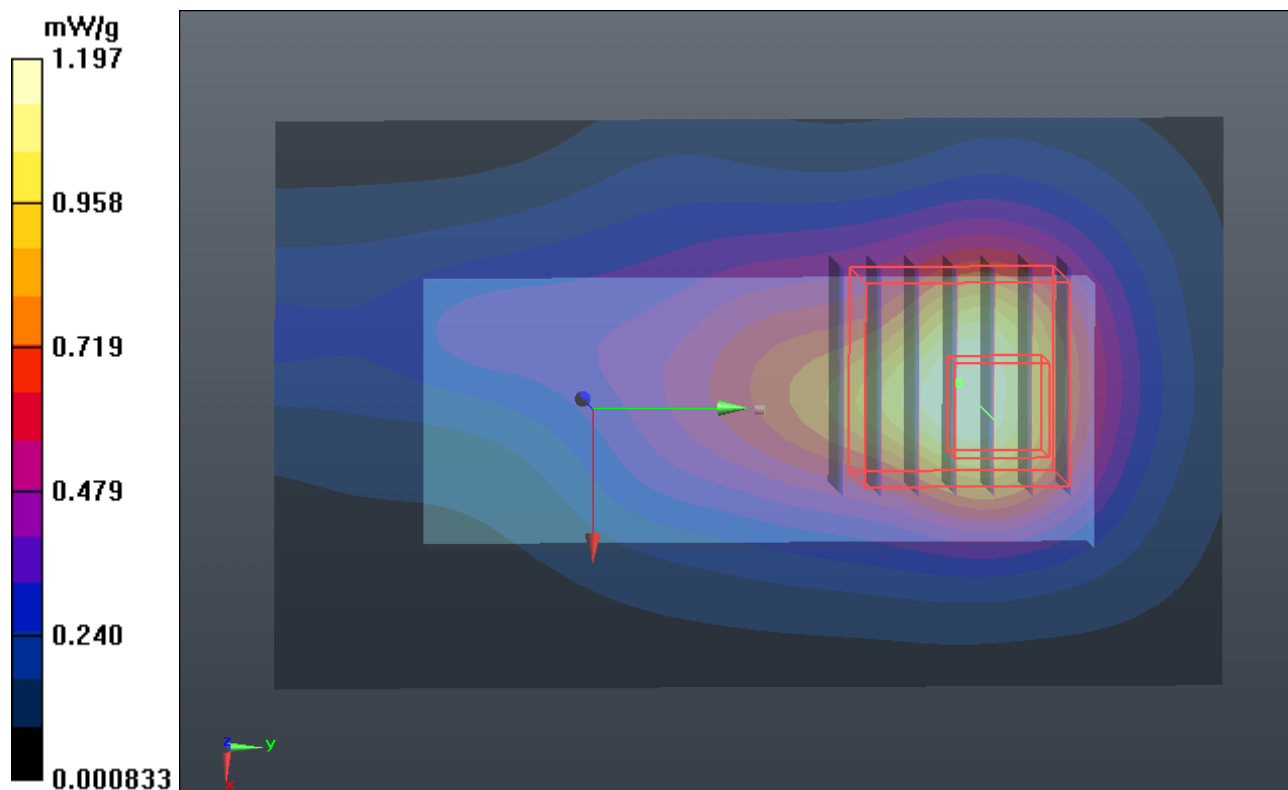
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.331 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 2.2050

SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 1.197 mW/g



P120 802.11n_HT40_Horizontal Down_0.5cm_Ch134_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.657 mW/g

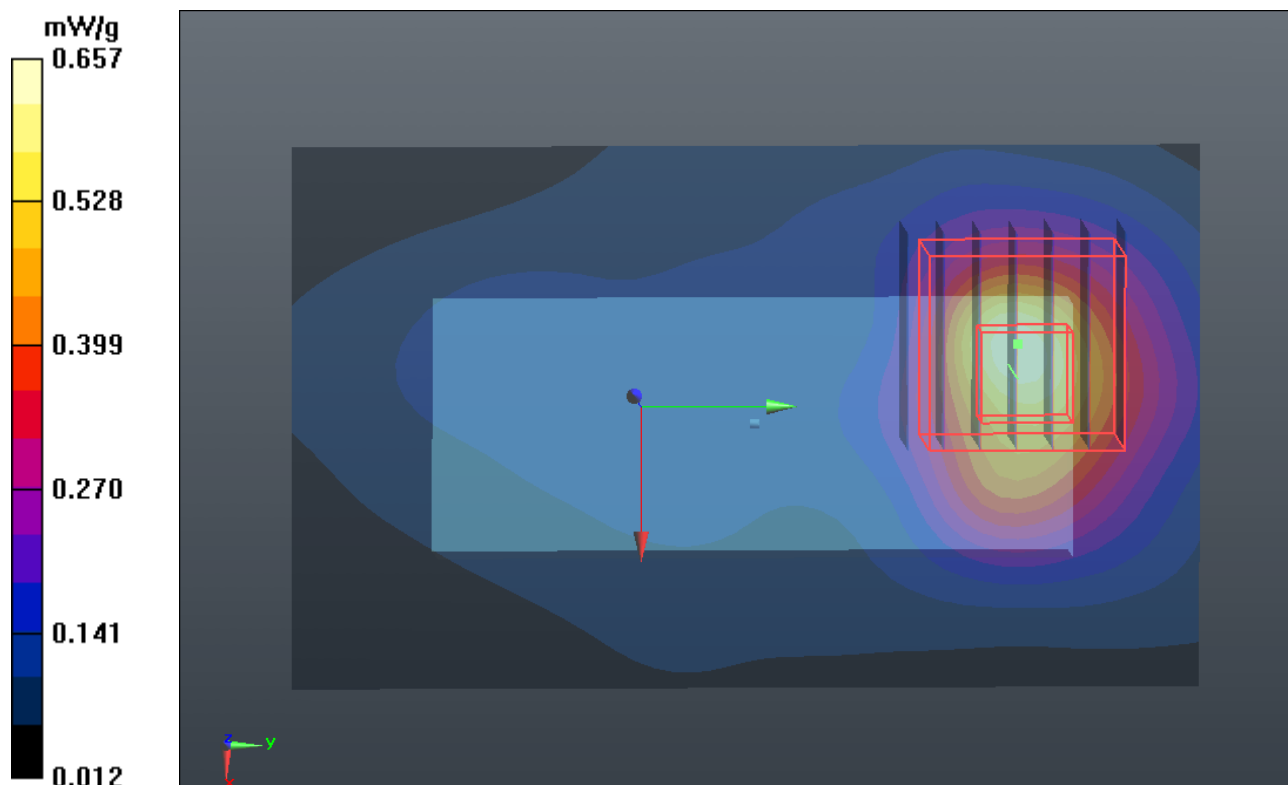
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.842 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.1690

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.661 mW/g



P121 802.11n_HT40_Vertical Front_0.5cm_Ch134_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.498 mW/g

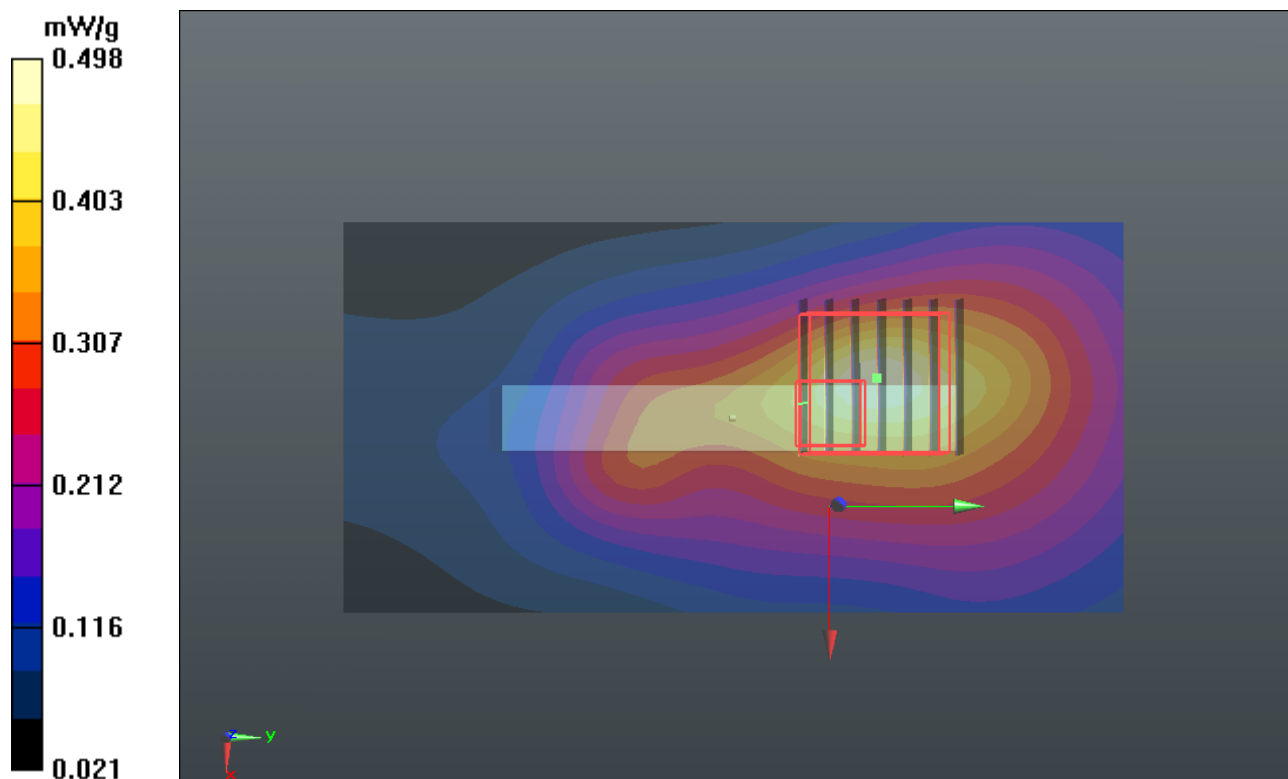
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.358 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.3110

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.734 mW/g



P122 802.11n_HT40_Vertical Back_0.5cm_Ch134_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.584 mW/g

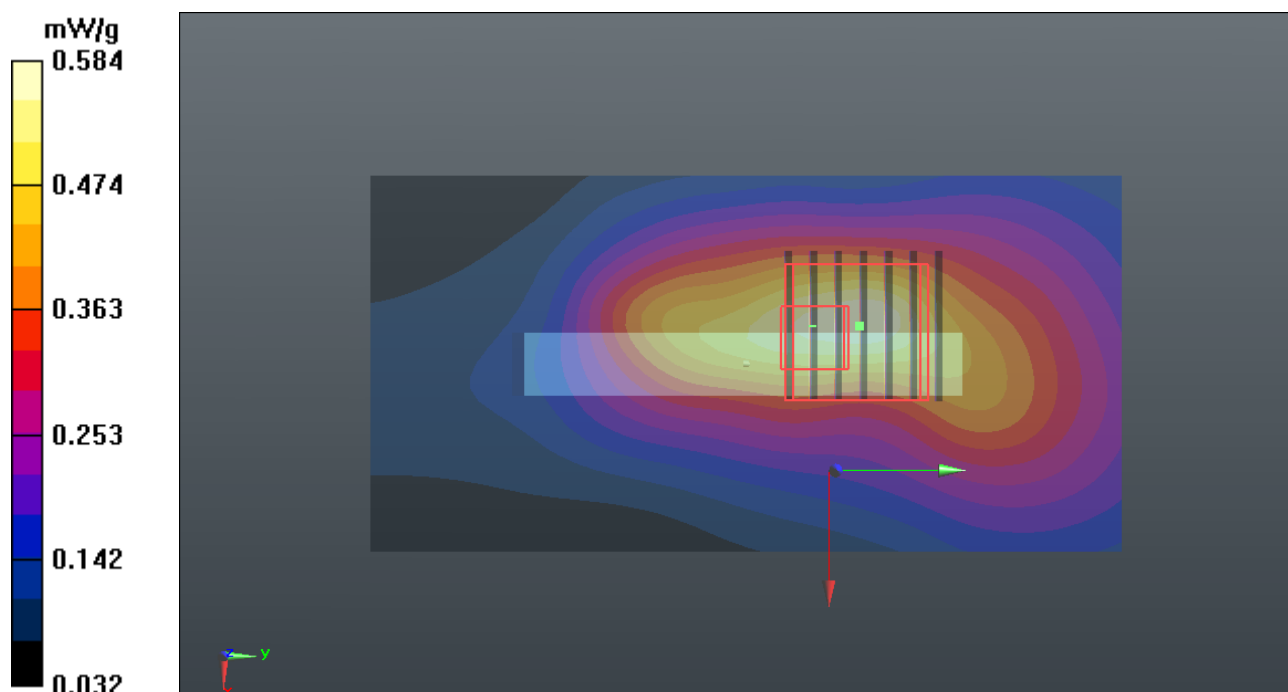
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.746 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.4820

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.829 mW/g



P123 802.11n_HT40_Tip Mode_0.5cm_Ch134_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.953$ mho/m; $\epsilon_r = 50.046$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch134/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.116 mW/g

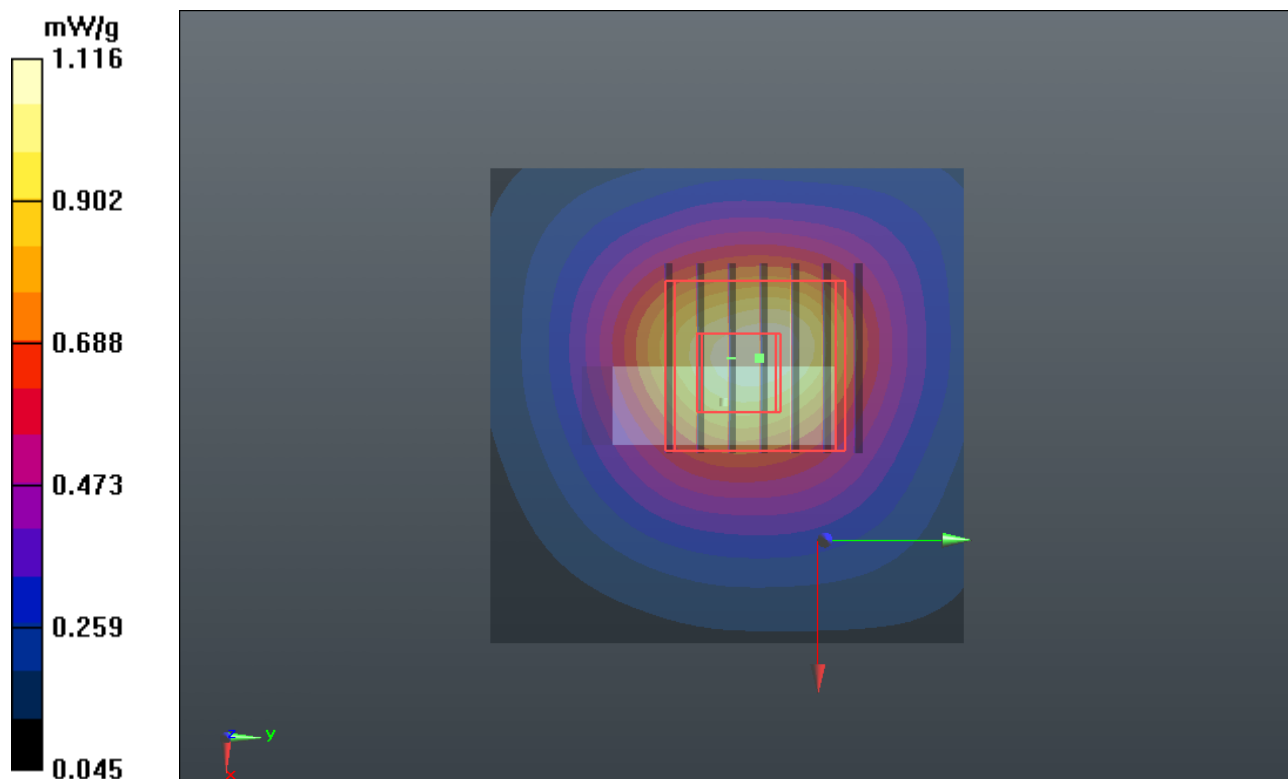
Ch134/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.965 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 2.9670

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 1.623 mW/g



P124 802.11n_HT40_Tip Mode_0.5cm_Ch102_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.698$ mho/m; $\epsilon_r = 50.456$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.73, 3.73, 3.73); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch102/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.949 mW/g

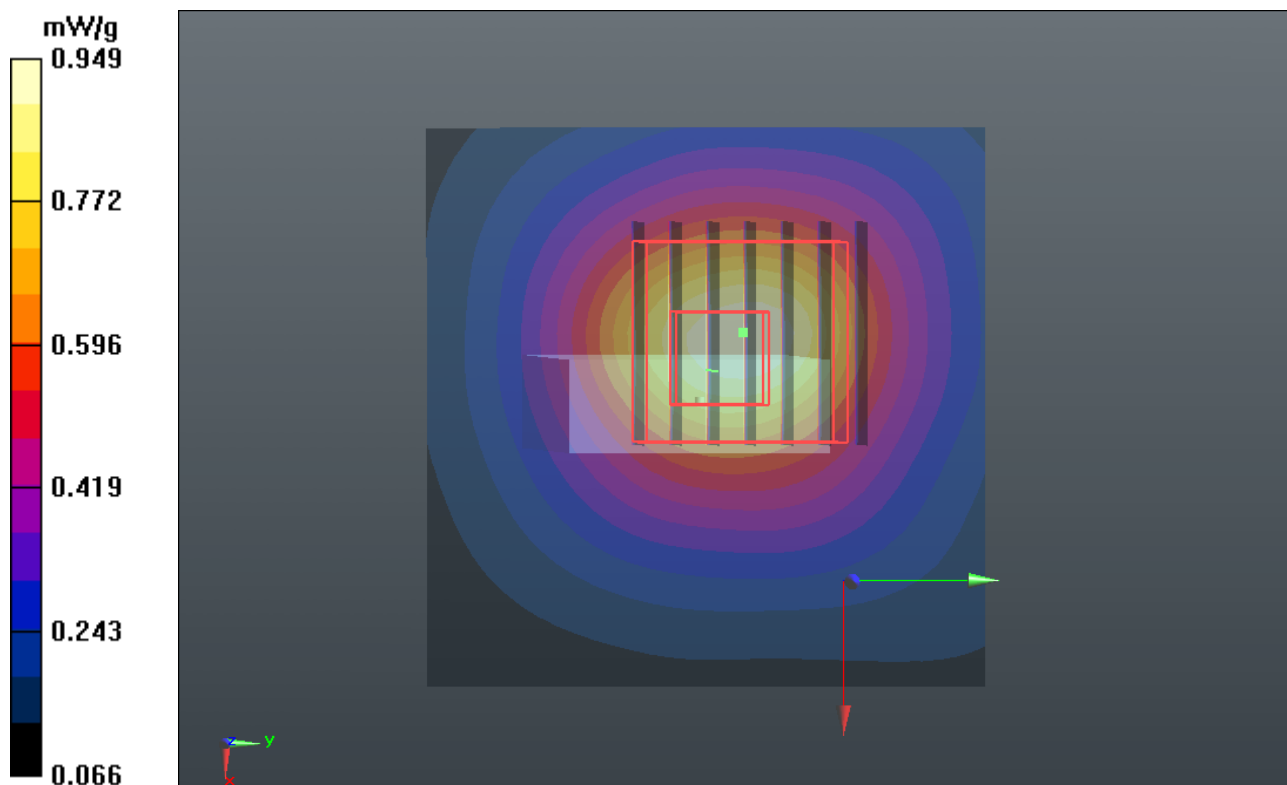
Ch102/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.948 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 2.3570

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 1.310 mW/g



P125 802.11n_HT20_Horizontal Up_0.5cm_Ch149_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch149/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.338 mW/g

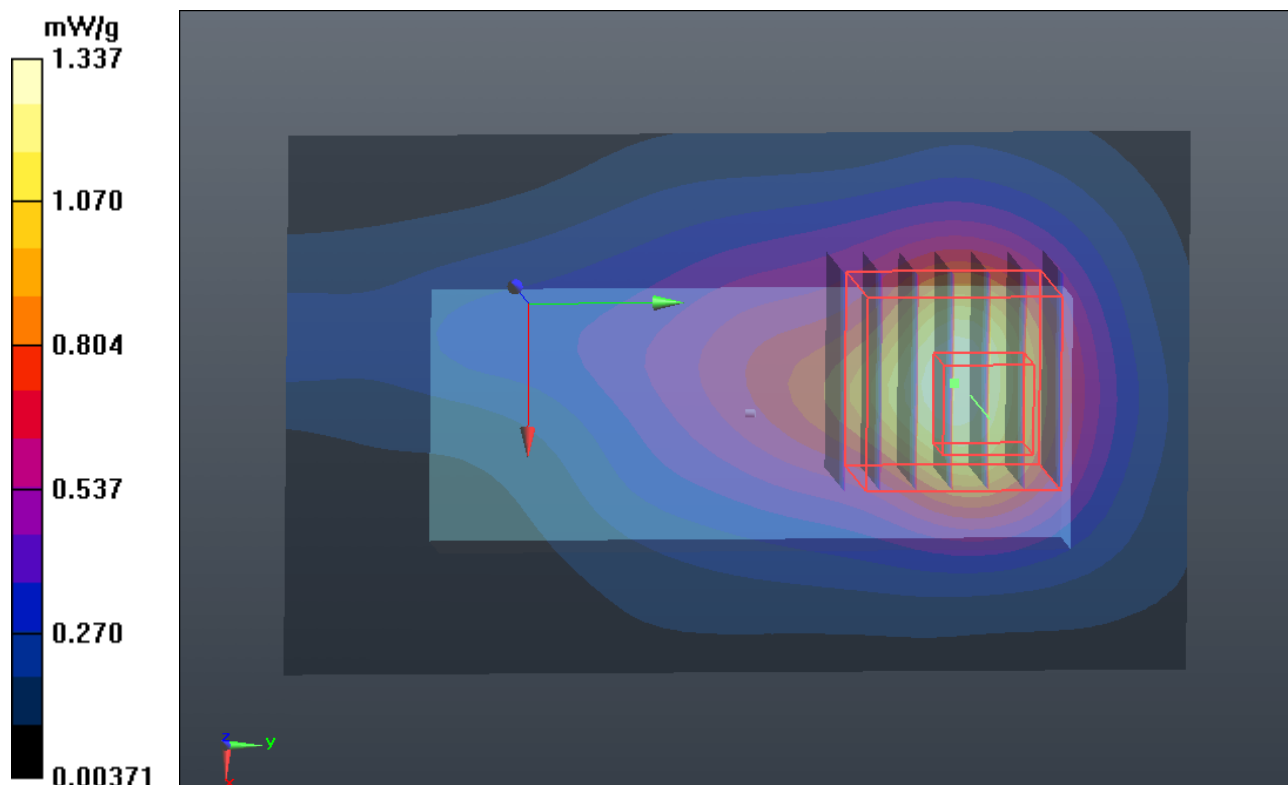
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 11.504 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 2.5250

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.337 mW/g



P126 802.11n_HT20_Horizontal Down_0.5cm_Ch149_Ch0+1+2**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch149/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.724 mW/g

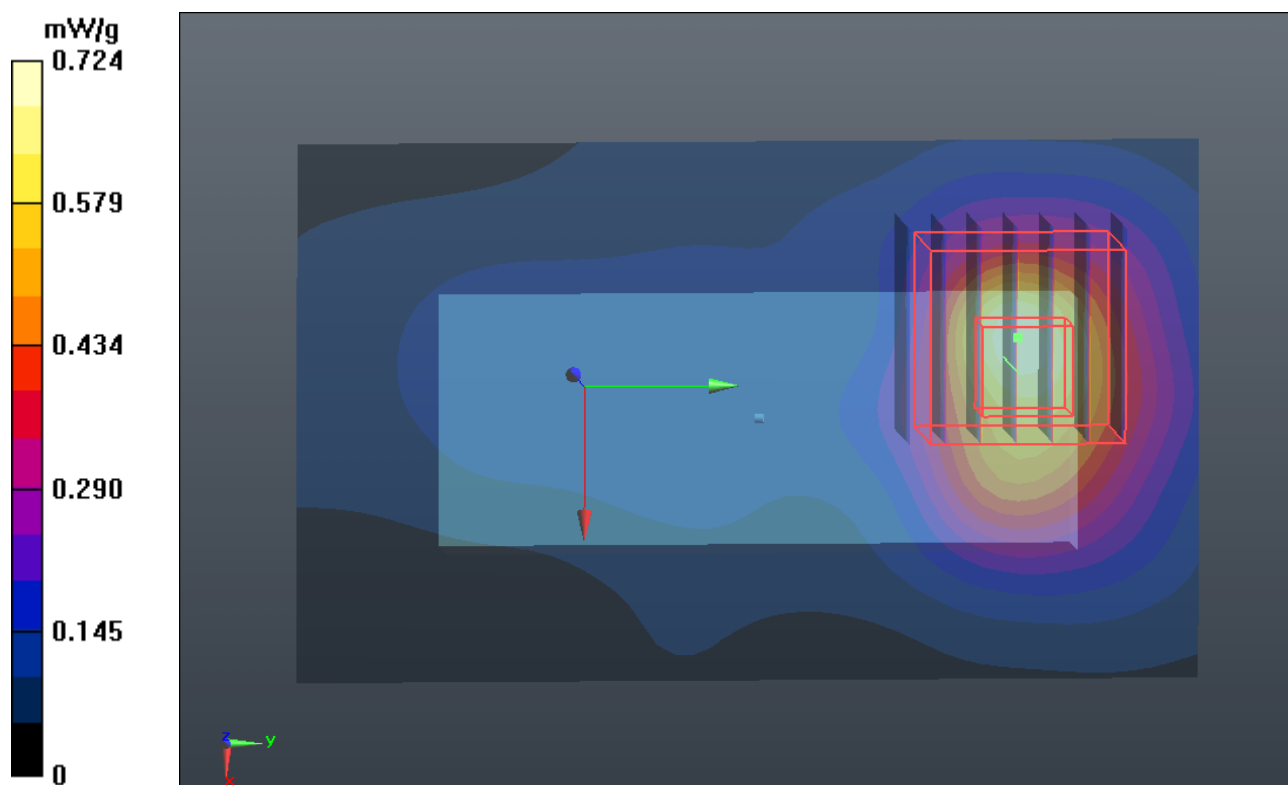
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.374 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.3970

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.779 mW/g



P127 802.11n_HT20_Vertical Front_0.5cm_Ch149_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch149/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.497 mW/g

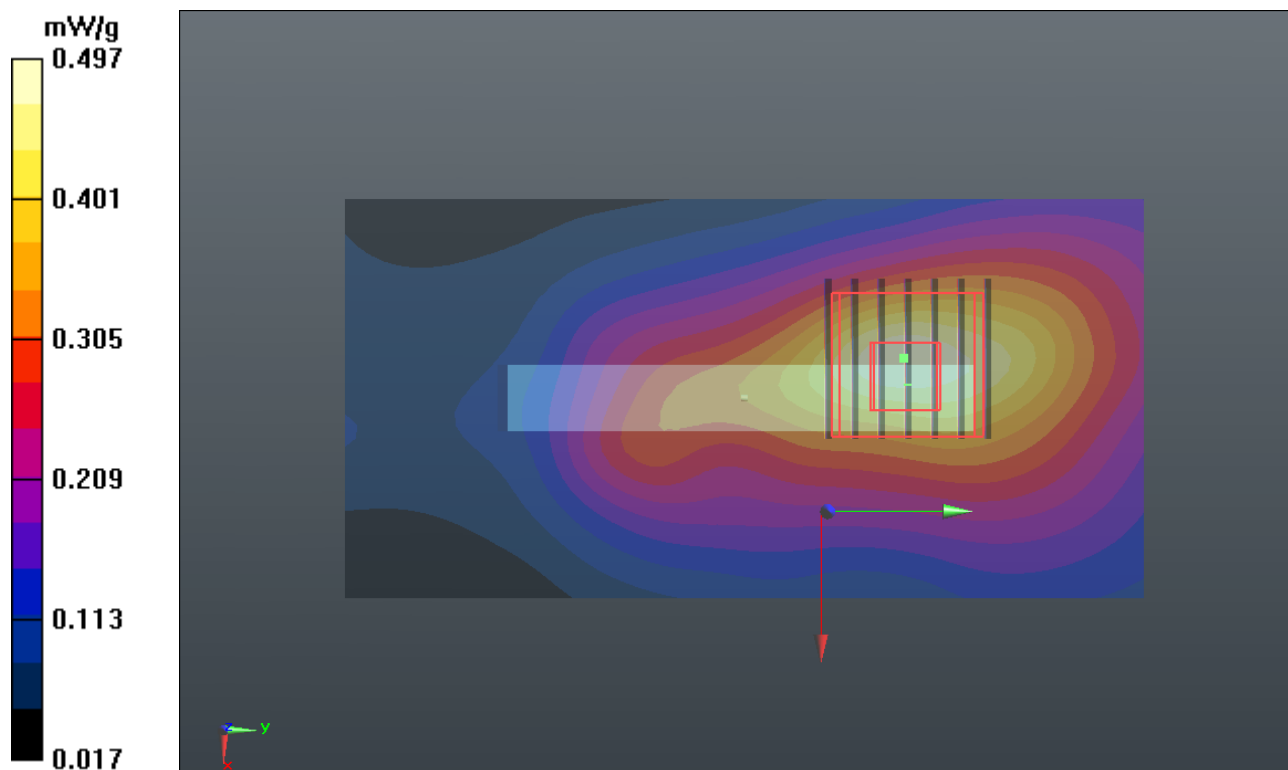
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.907 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.4580

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.775 mW/g



P128 802.11n_HT20_Vertical Back_0.5cm_Ch149_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch149/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.647 mW/g

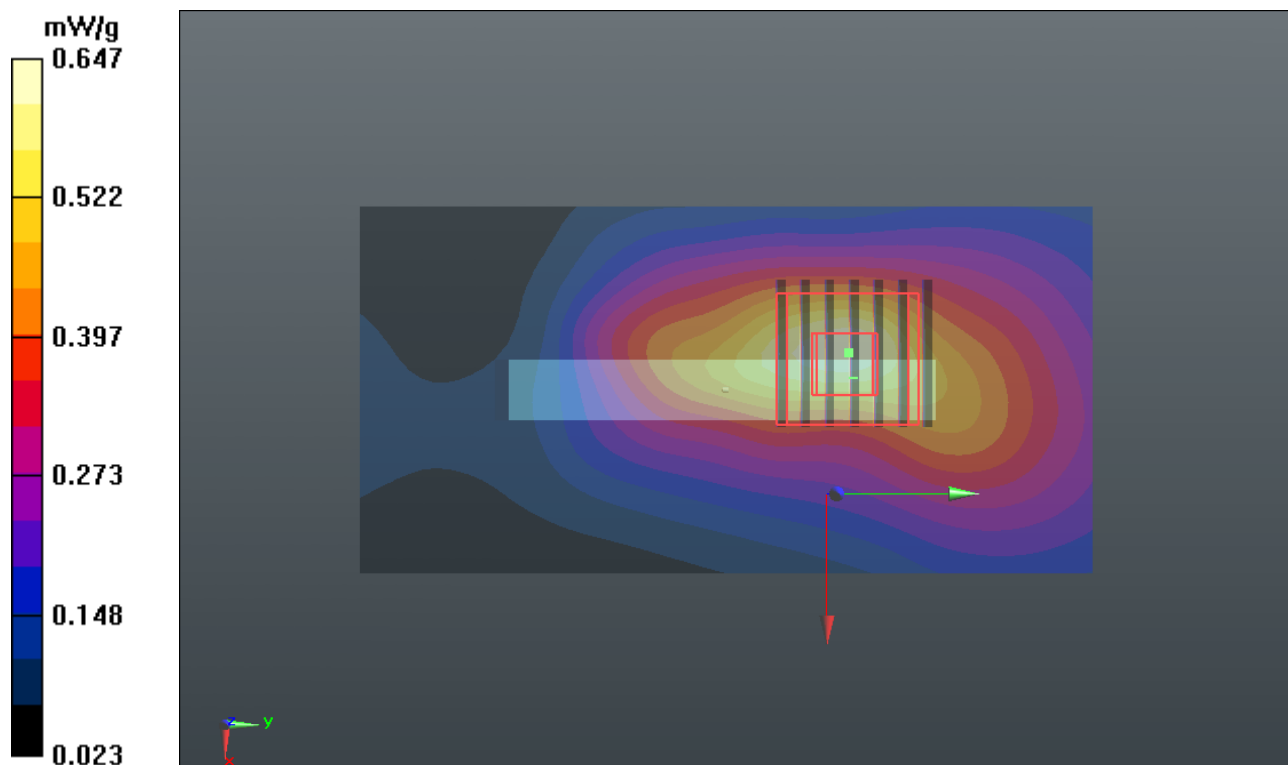
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.025 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 1.6290

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.854 mW/g



P129 802.11n_HT20_Tip Mode_0.5cm_Ch149_Ch0+1+2**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch149/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.335 mW/g

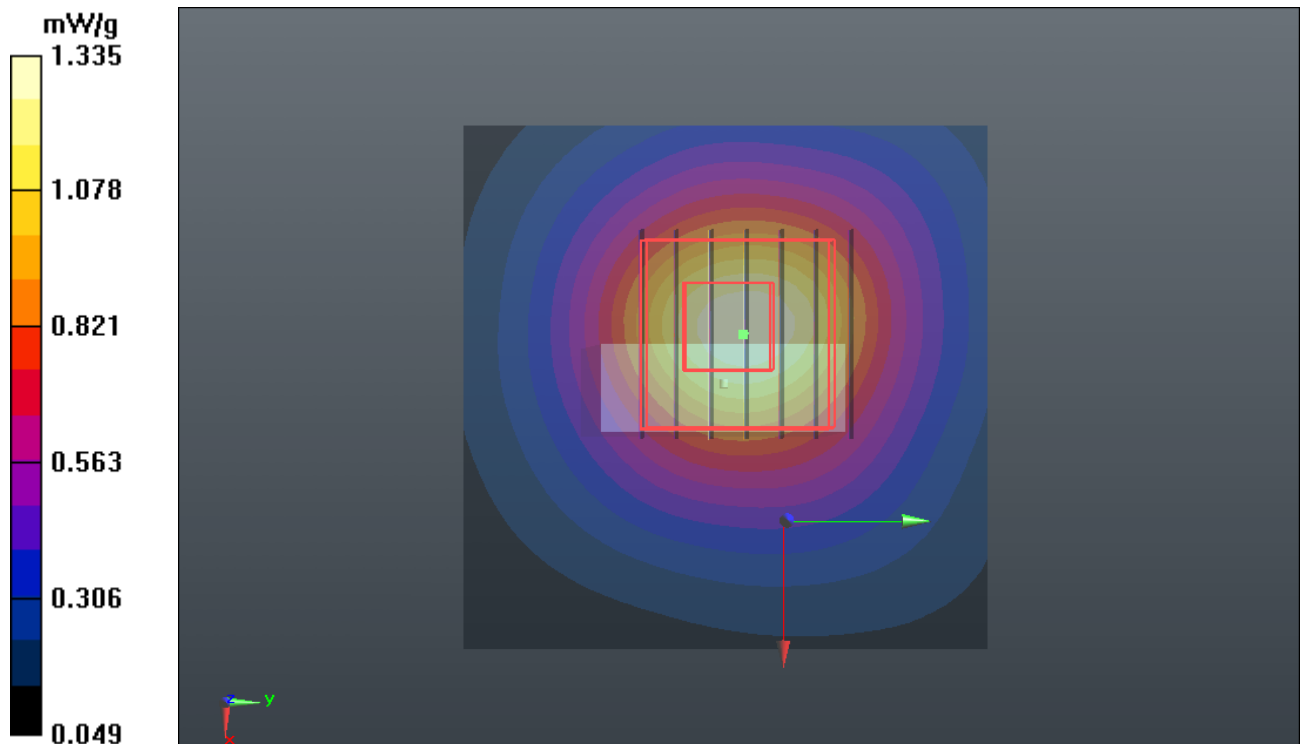
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.303 V/m; Power Drift = 0.127 dB

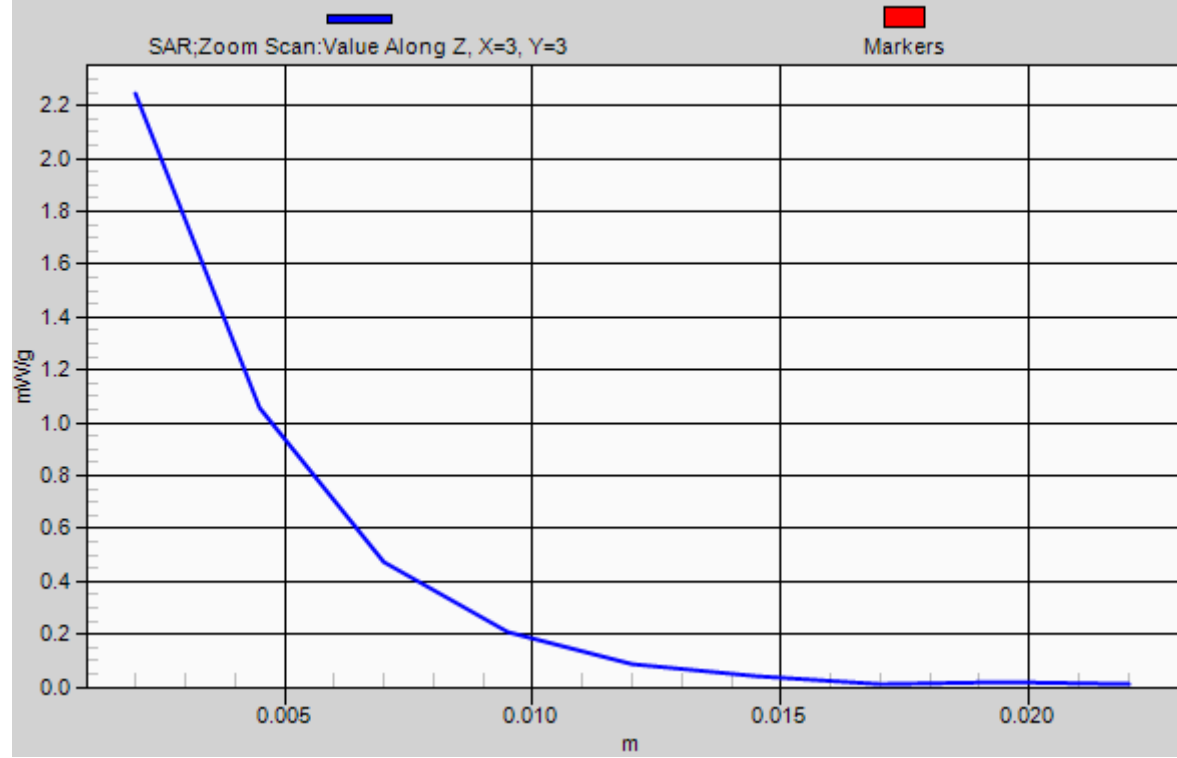
Peak SAR (extrapolated) = 4.1010

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 2.245 mW/g



1g/10g Averaged SAR



P130 802.11n_HT20_Tip Mode_0.5cm_Ch153_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.101$ mho/m; $\epsilon_r = 49.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch153/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.201 mW/g

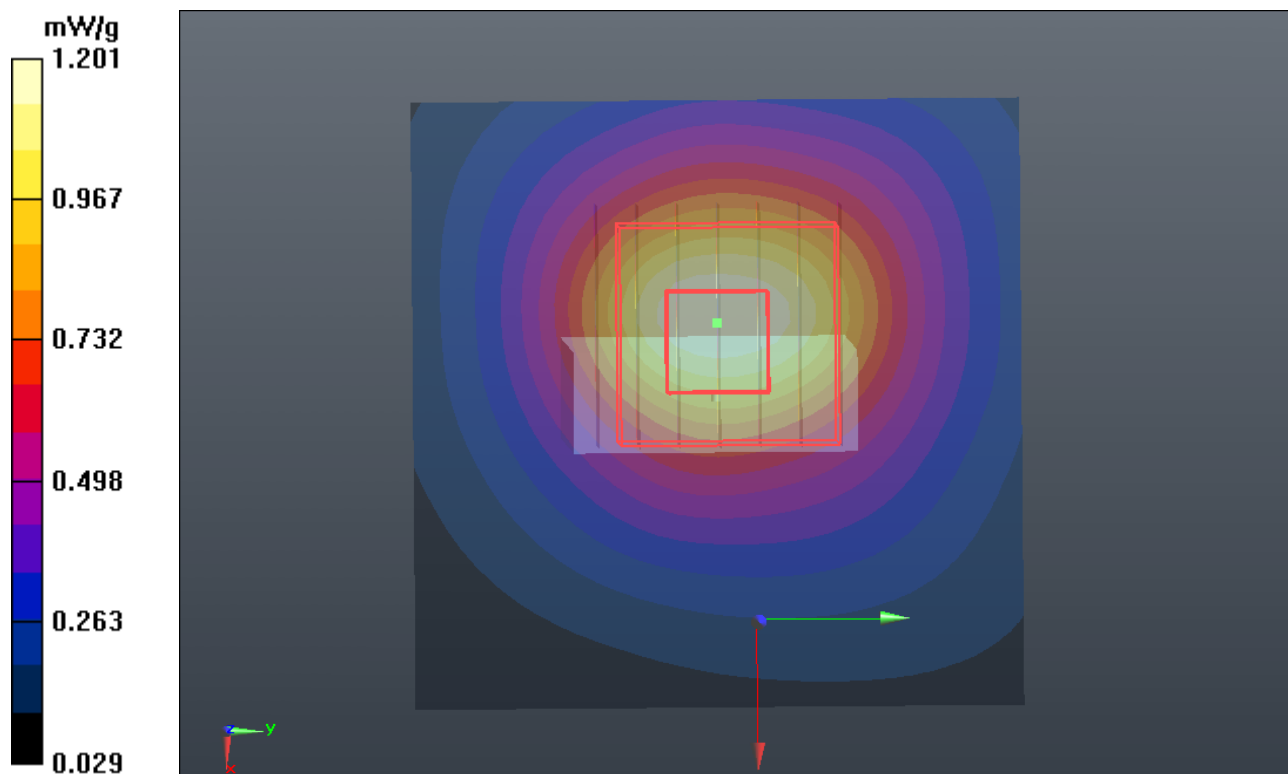
Ch153/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.993 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.4240

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 1.823 mW/g



P131 802.11n_HT20_Tip Mode_0.5cm_Ch157_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.127$ mho/m; $\epsilon_r = 49.774$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.284 mW/g

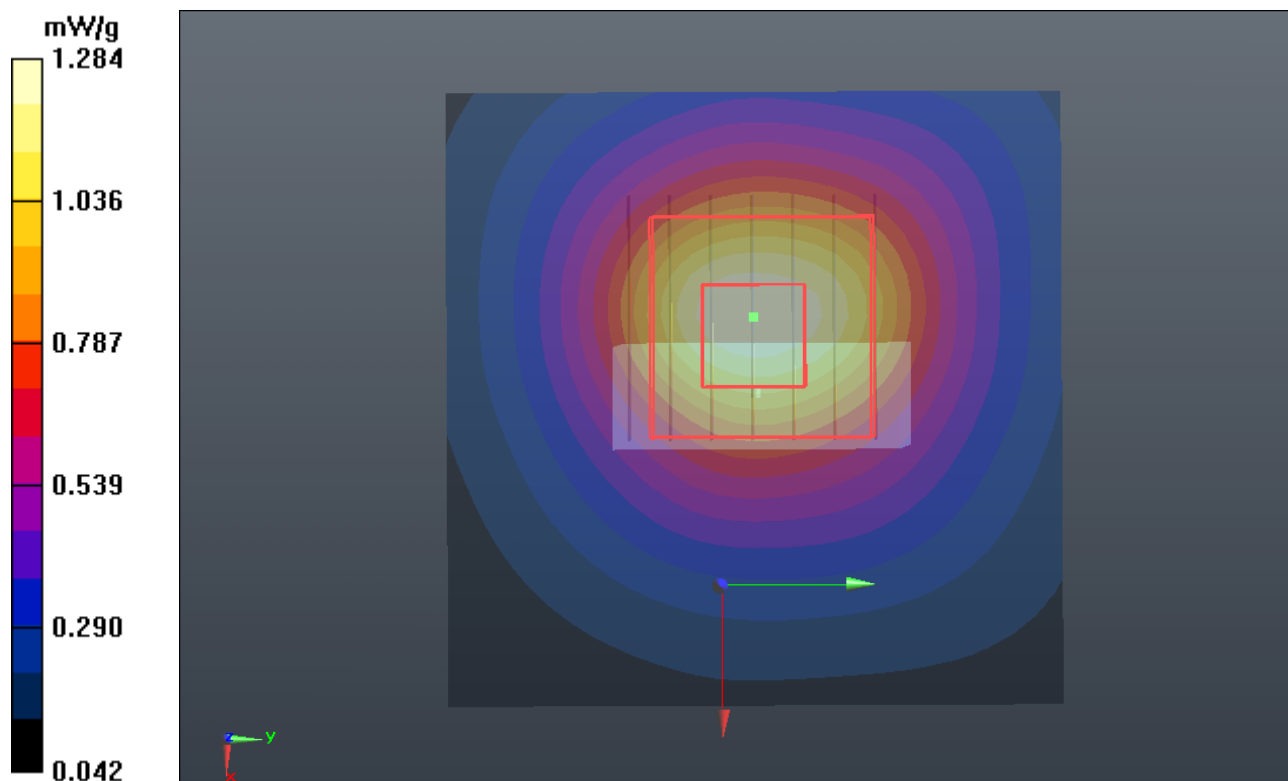
Ch157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 19.714 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.4140

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 1.824 mW/g



P132 802.11n_HT20_Tip Mode_0.5cm_Ch161_Ch0+1+2**DUT: 111117C11**

Communication System: WLAN 5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.161$ mho/m; $\epsilon_r = 49.729$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.152 mW/g

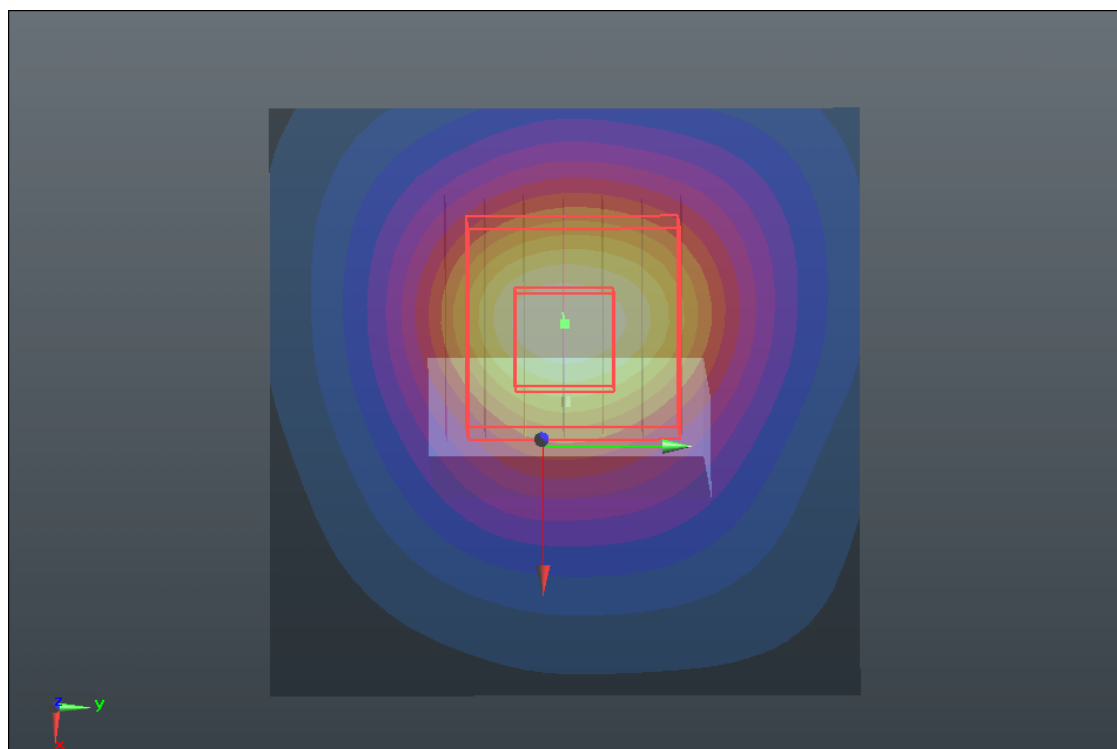
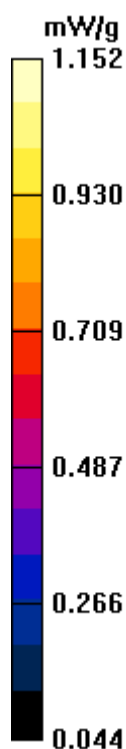
Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.931 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.2750

SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 1.760 mW/g



P133 802.11n_HT20_Tip Mode_0.5cm_Ch165_Ch0+1+2**DUT: 11117C11**

Communication System: WLAN 5G; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: B5G_0307 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.192$ mho/m; $\epsilon_r = 49.698$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch165/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.137 mW/g

Ch165/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 18.183 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.1300

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 1.676 mW/g

