

P01 802.11b_Rear Face_0 cm_Ch1_Ant A

DUT: 120410C09

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0510 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (121x161x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 0.641 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00772 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

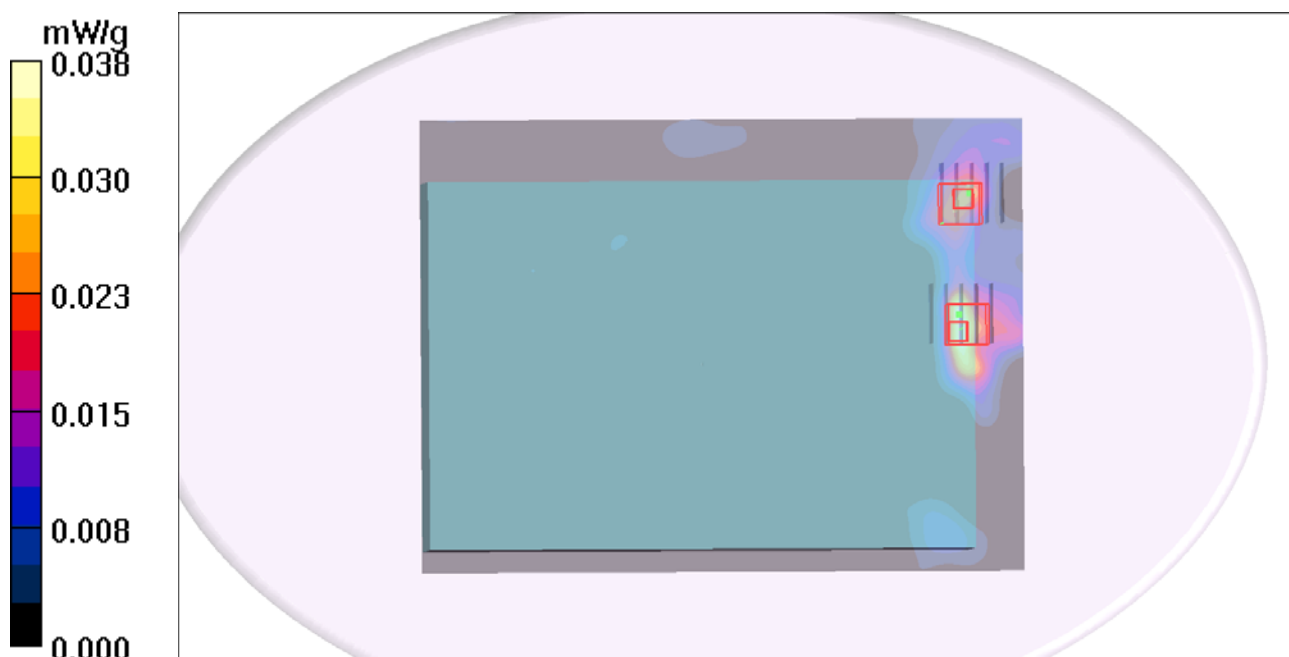
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.641 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00798 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



P02 802.11b_Secondary Portrait_0 cm_Ch1_Ant A

DUT: 120410C09

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0510 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x121x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.250 mW/g

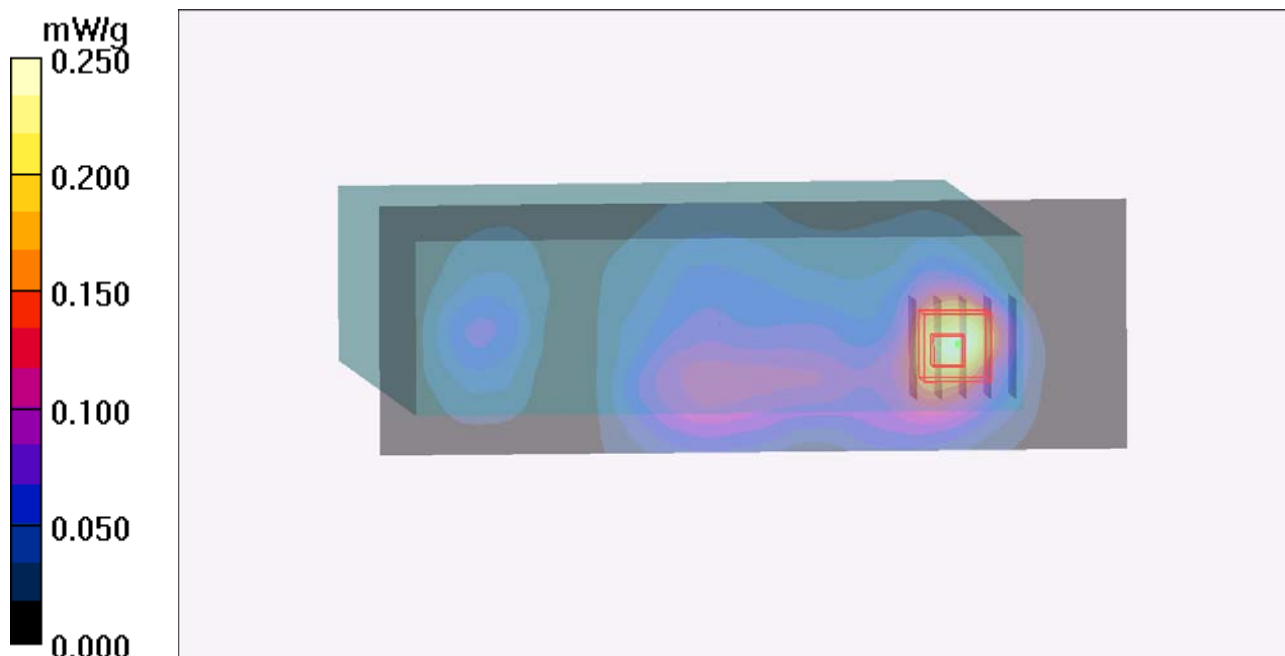
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.99 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.371 W/kg

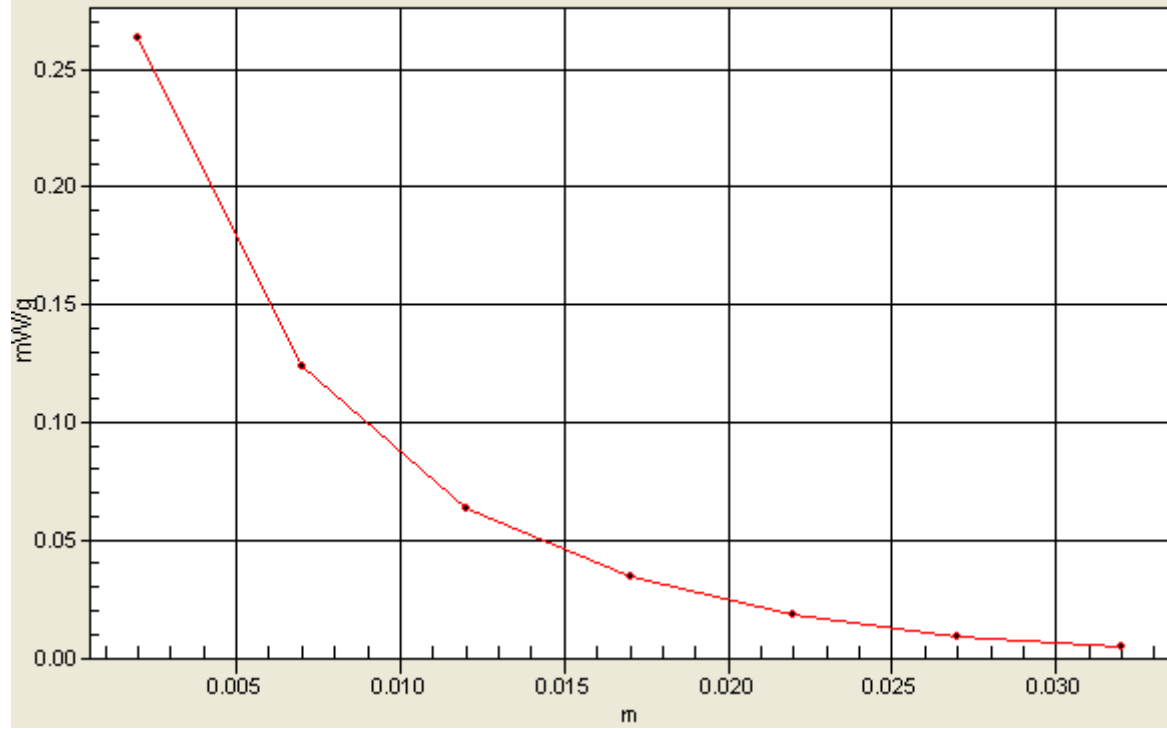
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.096 mW/g

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



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=1



P03 802.11b_Secondary Landscape_0 cm_Ch1_Ant A

DUT: 120410C09

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0510 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.127 mW/g

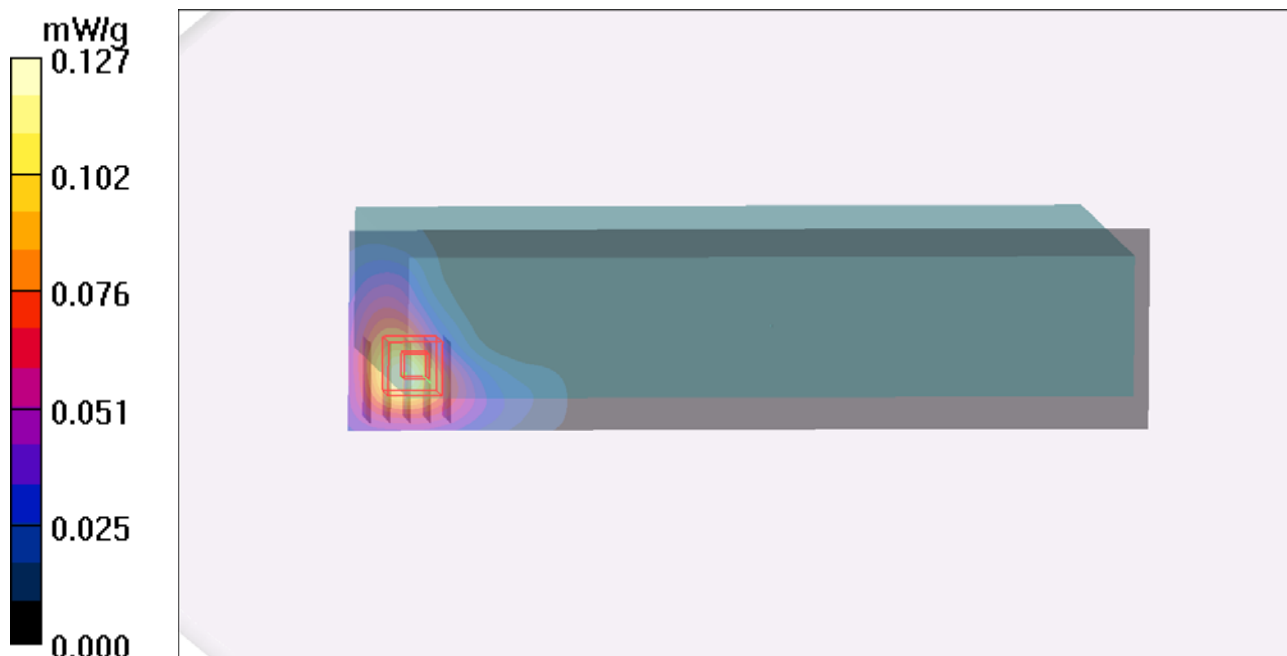
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.907 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.051 mW/g

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



P05 802.11b_Rear Face_0 cm_Ch1_Ant B

DUT: 120410C09

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0510 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (121x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 0.812 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00807 mW/g

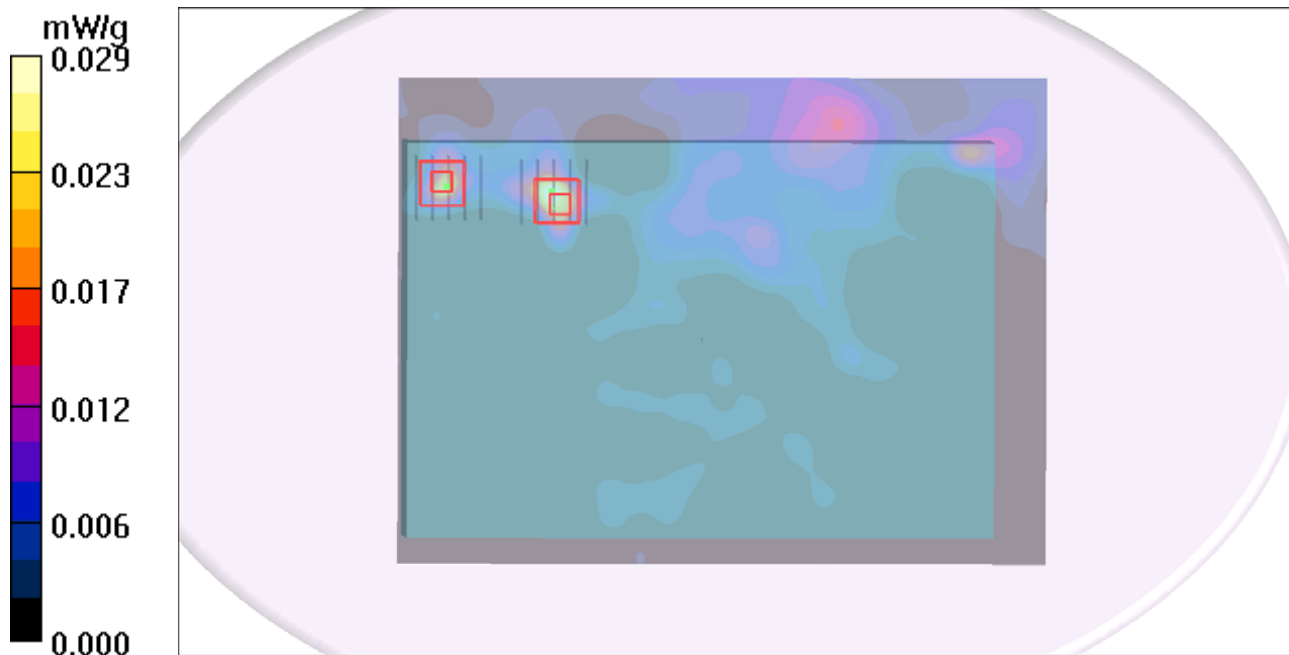
Maximum value of SAR (measured) = 0.023 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.812 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00609 mW/g



P08 802.11b_Secondary Landscape_0 cm_Ch1_Ant B

DUT: 120410C09

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0511 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.154 mW/g

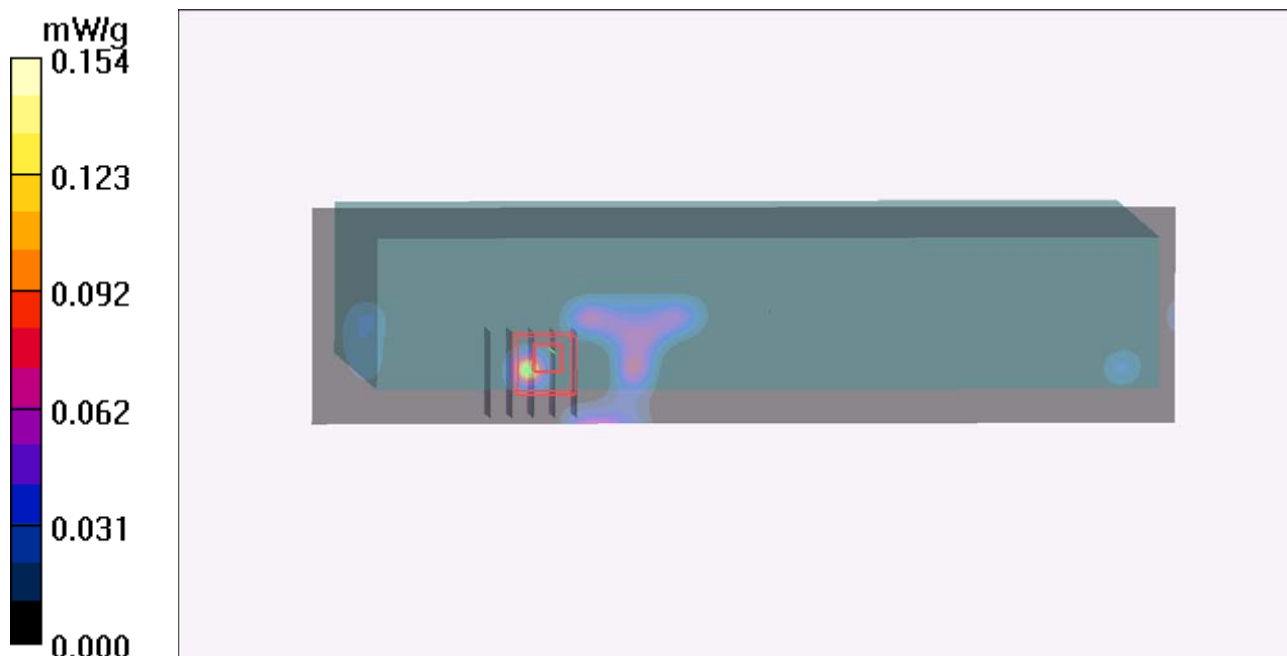
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.57 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



P09 802.11n HT40_Rear Face_0 cm_Ch6_Ant A+B

DUT: 120410C09

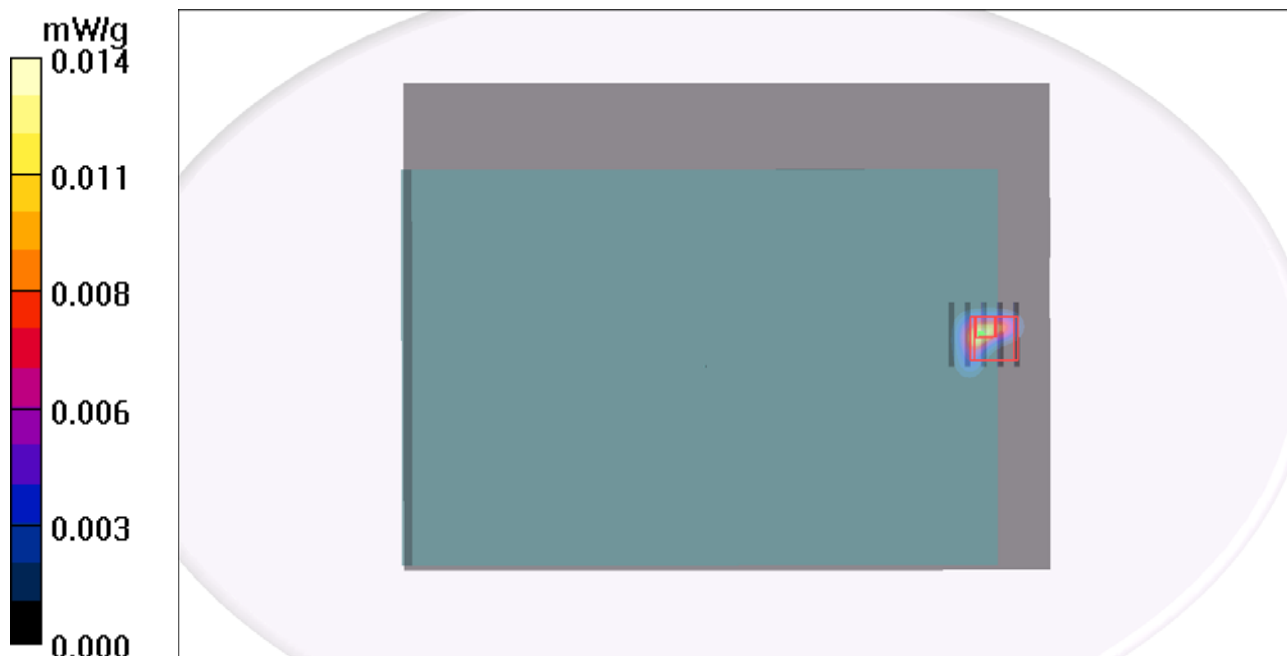
Communication System: 802.11n_40MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: B2450_0511 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (121x161x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.014 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.016 W/kg
SAR(1 g) = 0.00412 mW/g; SAR(10 g) = 0.00146 mW/g
Maximum value of SAR (measured) = 0.008 mW/g



P10 802.11n HT40_Secondary Portrait_0 cm_Ch6_Ant A+B

DUT: 120410C09

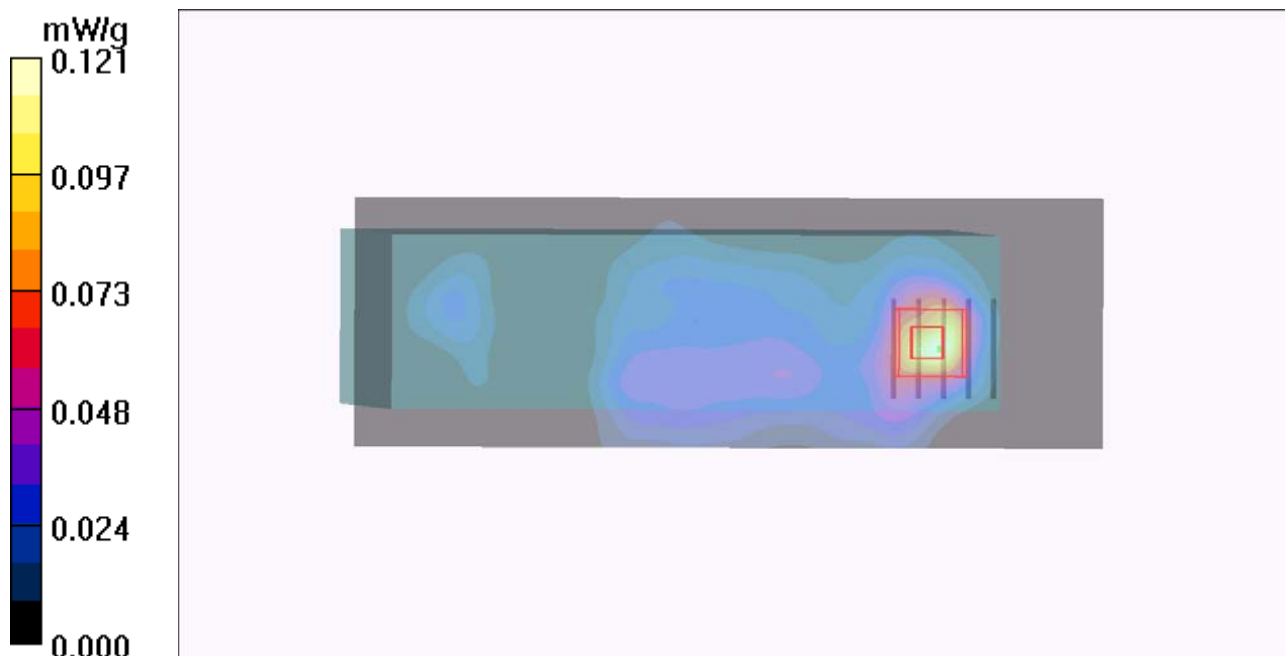
Communication System: 802.11n_40MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: B2450_0511 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x121x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.57 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.104 mW/g



P11 802.11n HT40_Secondary Landscape_0 cm_Ch6_Ant A+B

DUT: 120410C09

Communication System: 802.11n_40MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: B2450_0511 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.0 °C ; Liquid Temperature : 21.3 °C

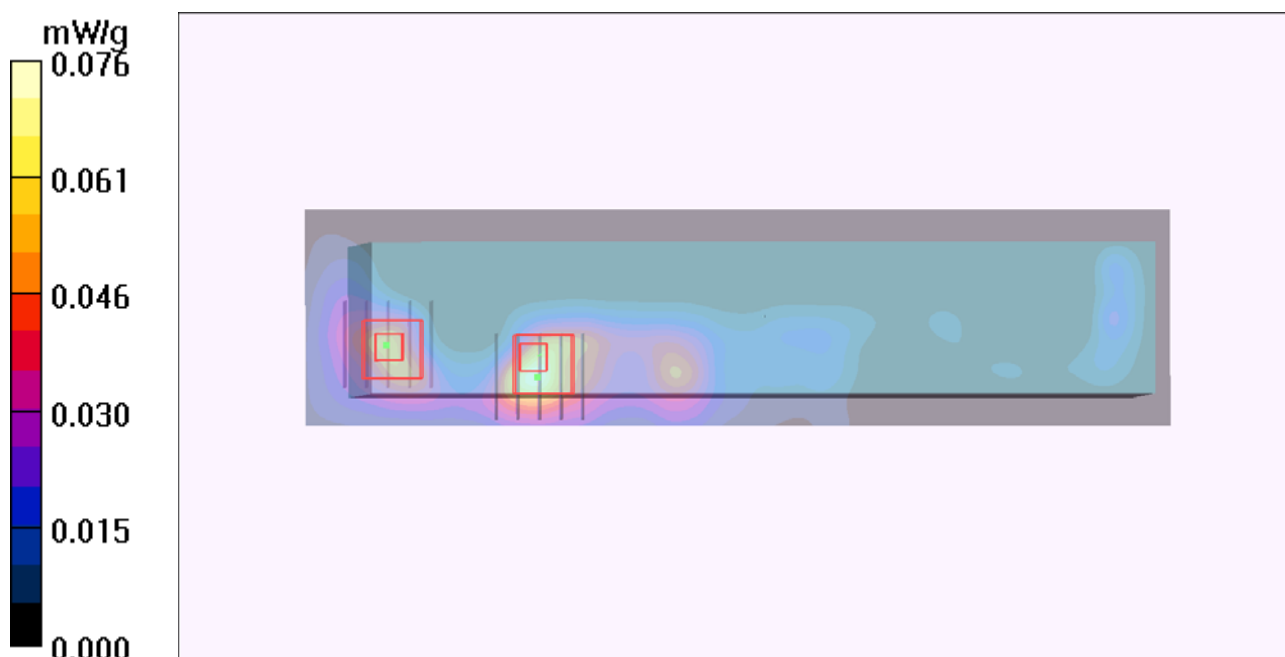
DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x161x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.076 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.25 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.073 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.25 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.076 mW/g



P12 802.11n HT40_Rear Face_0 cm_Ch46_Ant A

DUT: 120410C09

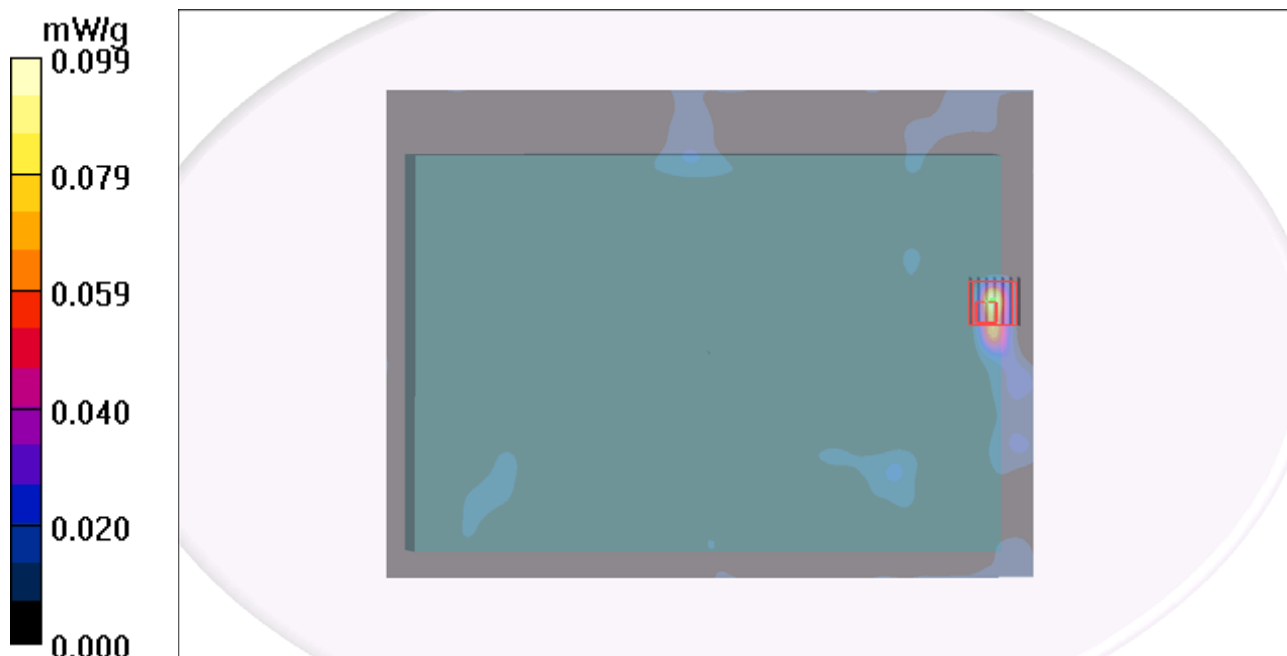
Communication System: 802.11aN_40MHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch46/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.974 V/m; Power Drift = -0.197 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.092 mW/g



P13 802.11n HT40_Secondary Portrait_0 cm_Ch46_Ant A

DUT: 120410C09

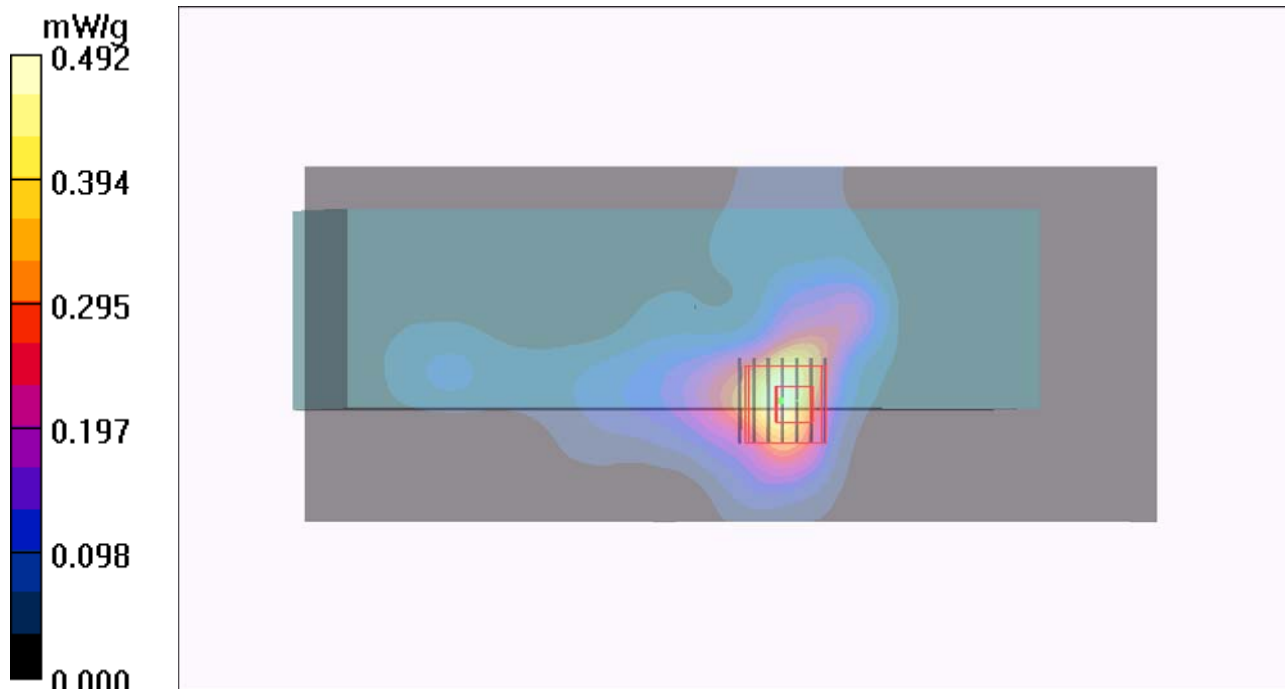
Communication System: 802.11aN_40MHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch46/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.54 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.614 mW/g



P14 802.11n HT40_Secondary Landscape_0 cm_Ch46_Ant A

DUT: 120410C09

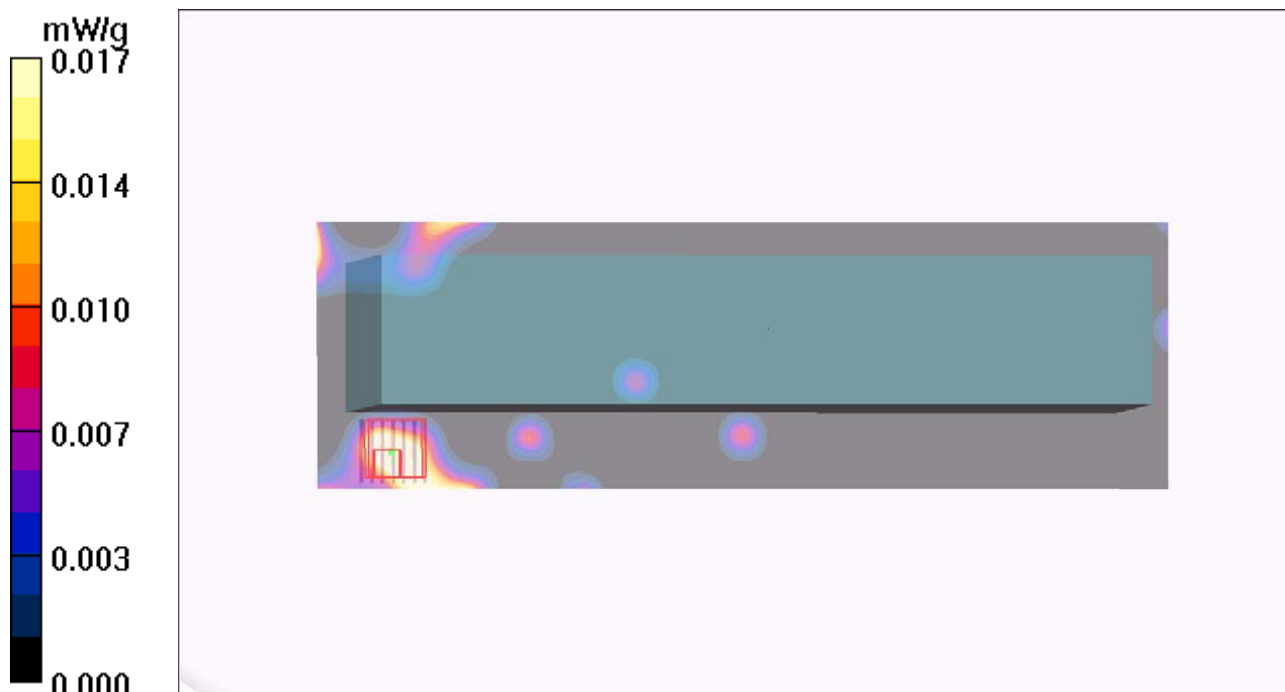
Communication System: 802.11aN_40MHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch46/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.07 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.0079 mW/g; SAR(10 g) = 0.00296 mW/g
Maximum value of SAR (measured) = 0.017 mW/g



P15 802.11n HT40_Rear Face_0 cm_Ch46_Ant B

DUT: 120410C09

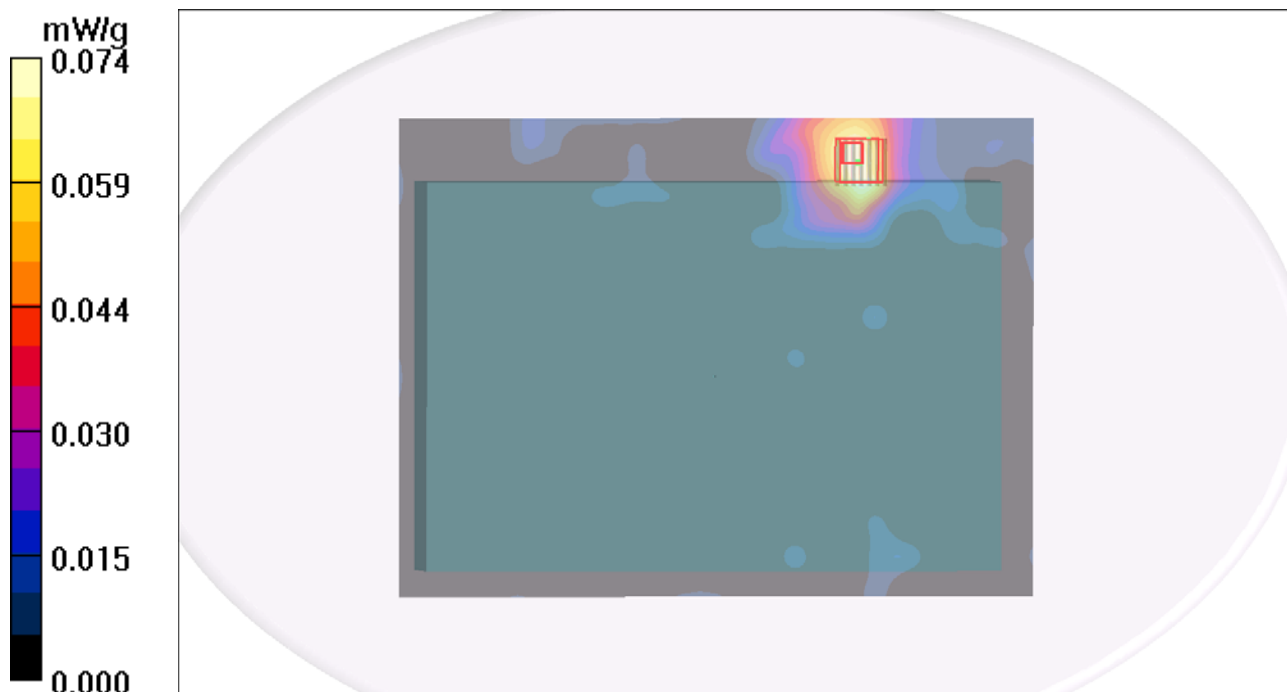
Communication System: 802.11aN_40MHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch46/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.073 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.747 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.074 mW/g



P17 802.11n HT40_Secondary Landscape_0 cm_Ch46_Ant B

DUT: 120410C09

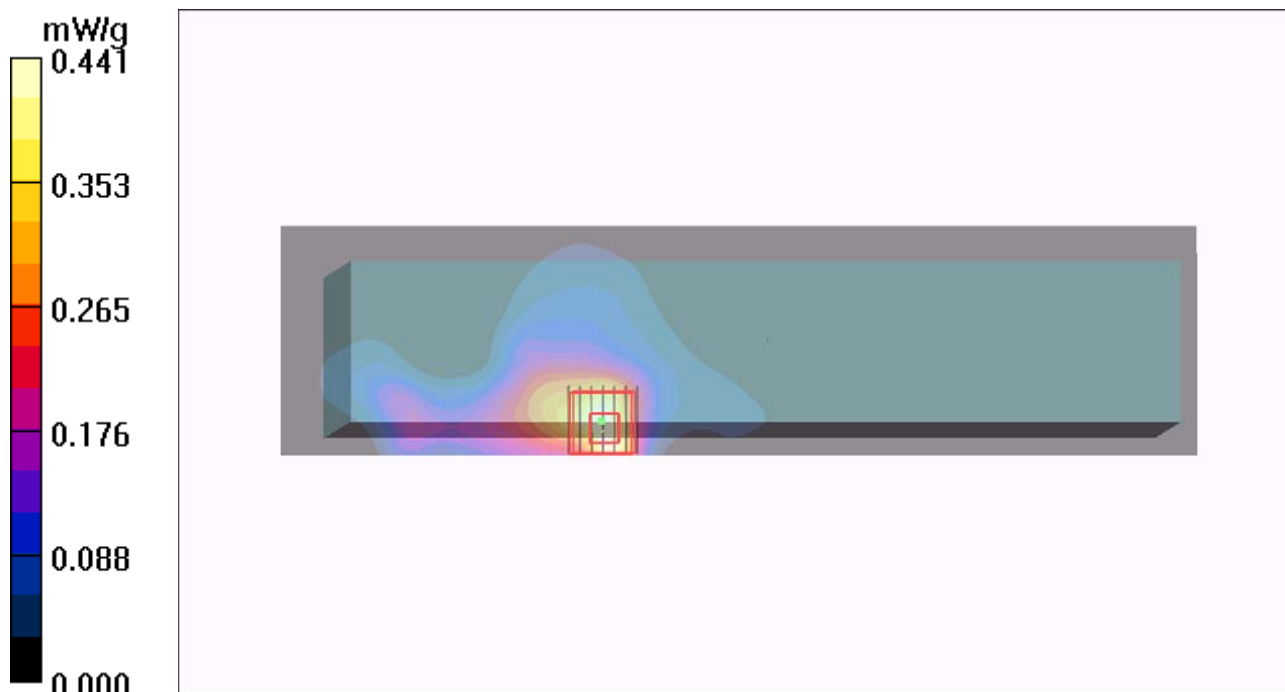
Communication System: 802.11aN_40MHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch46/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.08 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



P18 802.11n HT40_Rear Face_0 cm_Ch38_Ant A+B

DUT: 120410C09

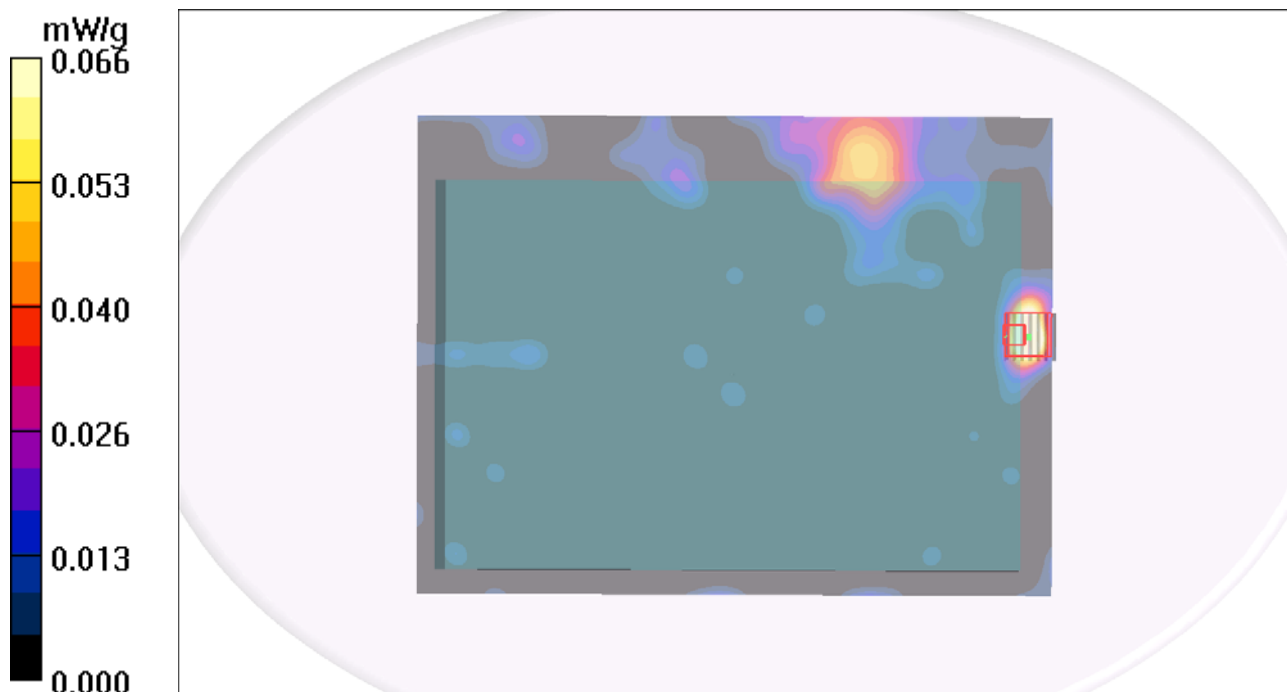
Communication System: 802.11aN_40MHz; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.19$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch38/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Ch38/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.645 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.00756 mW/g
Maximum value of SAR (measured) = 0.066 mW/g



P19 802.11n HT40_Secondary Portrait_0 cm_Ch38_Ant A+B

DUT: 120410C09

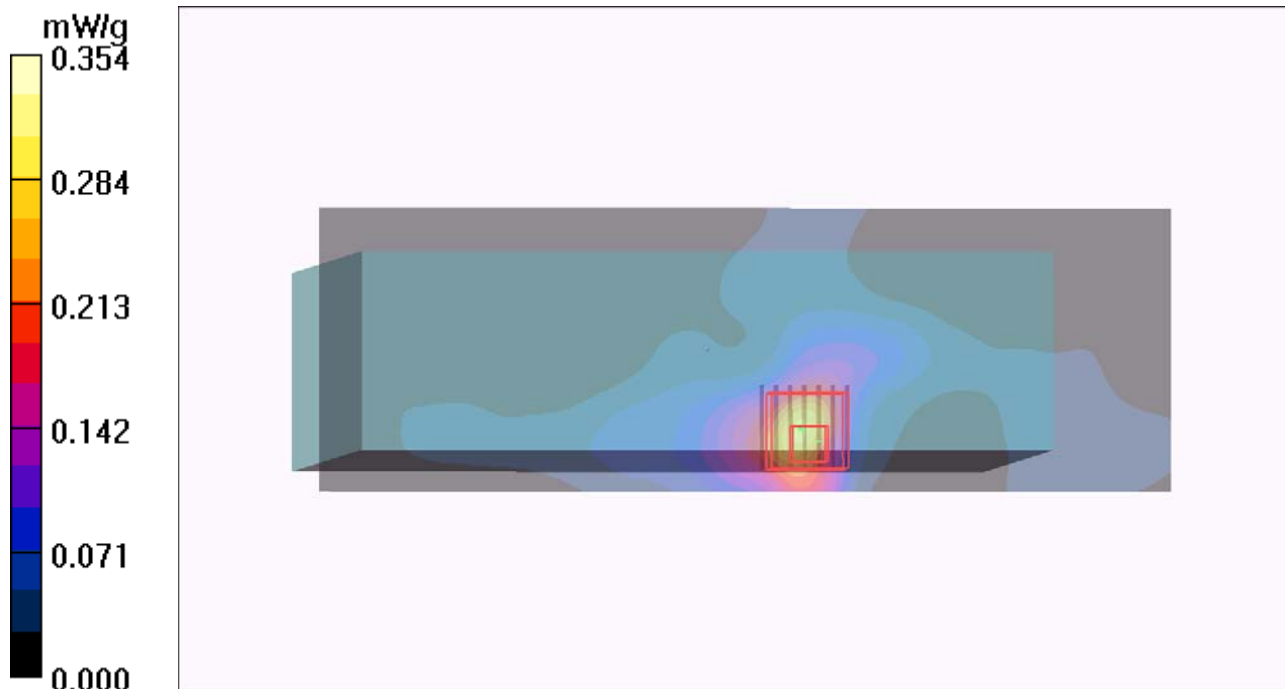
Communication System: 802.11aN_40MHz; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.19$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch38/Area Scan (81x241x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.294 mW/g

Ch38/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.41 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



P20 802.11n HT40_Secondary Landscape_0 cm_Ch38_Ant A+B

DUT: 120410C09

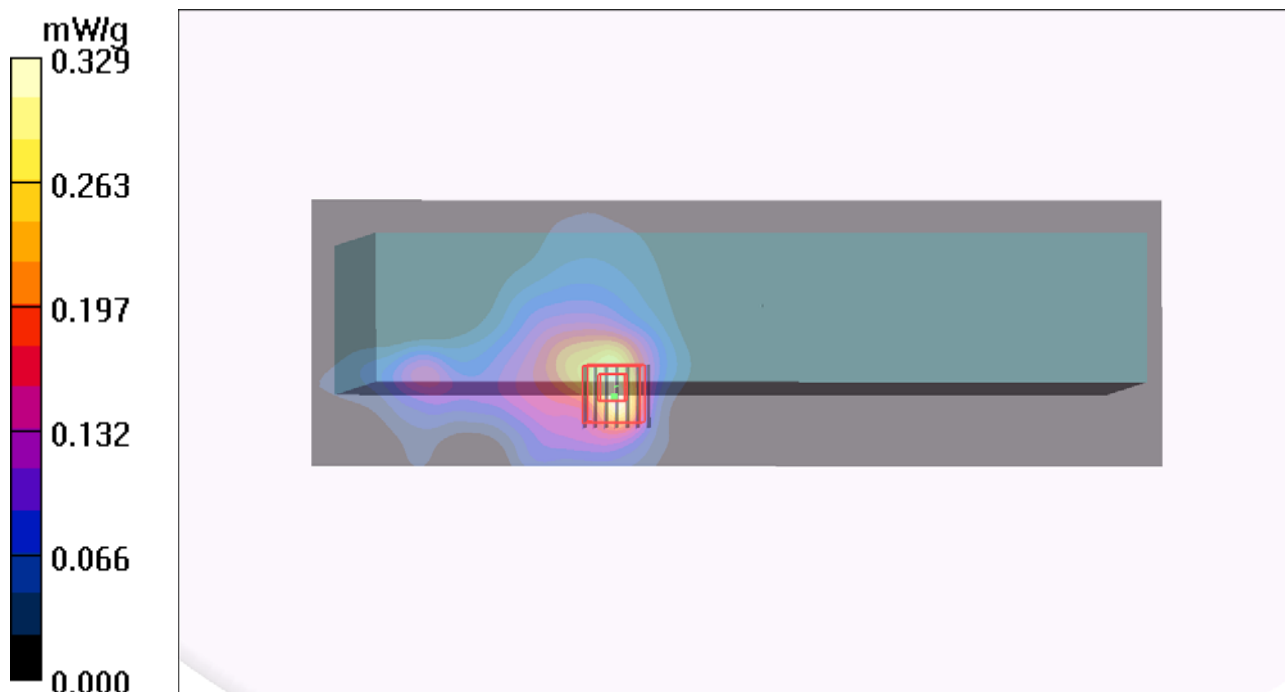
Communication System: 802.11aN_40MHz; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.19$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch38/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.329 mW/g

Ch38/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.26 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.605 mW/g



P21 802.11n HT20_Rear Face_0 cm_Ch60_Ant A

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.196 mW/g

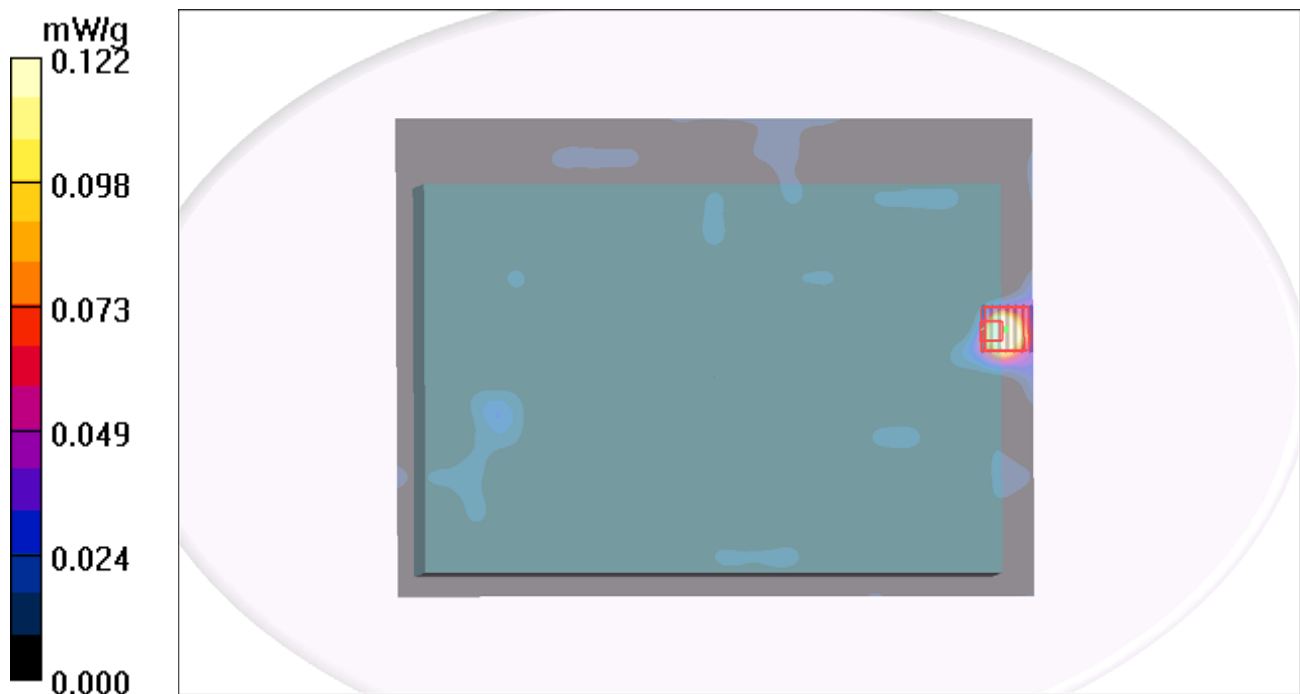
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.739 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



P22 802.11n HT20_Secondary Portrait_0 cm_Ch60_Ant A

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.679 mW/g

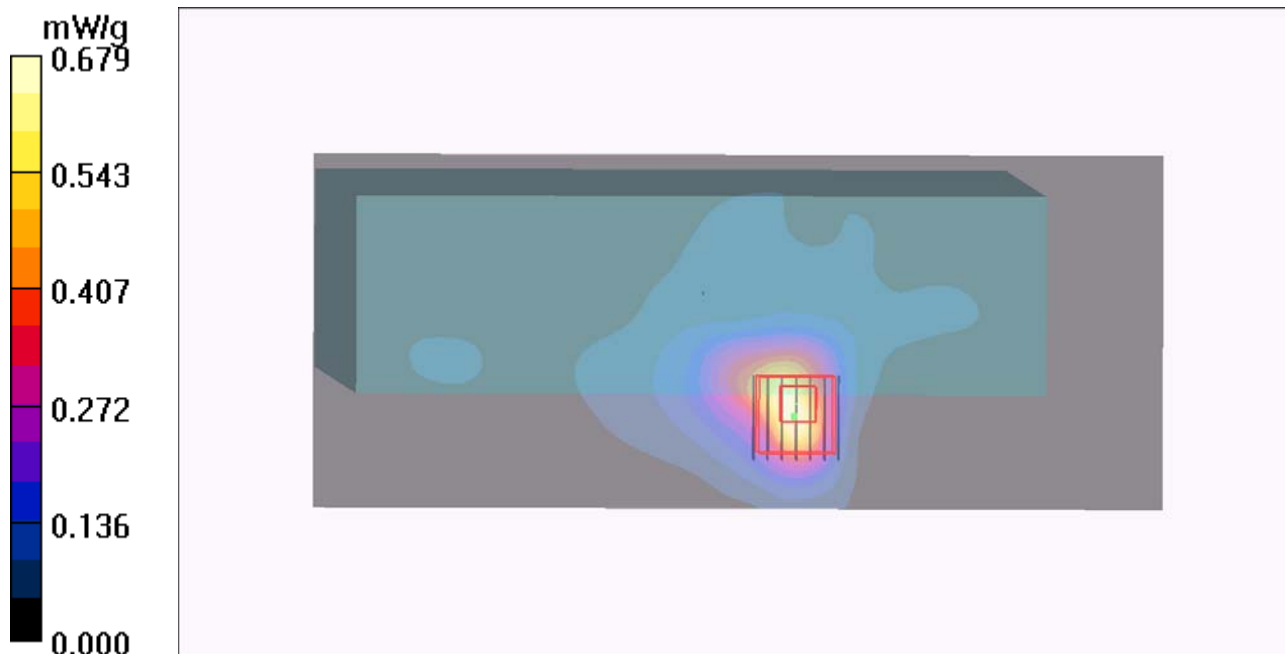
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.09 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



P23 802.11n HT20_Secondary Landscape_0 cm_Ch60_Ant A

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.046 mW/g

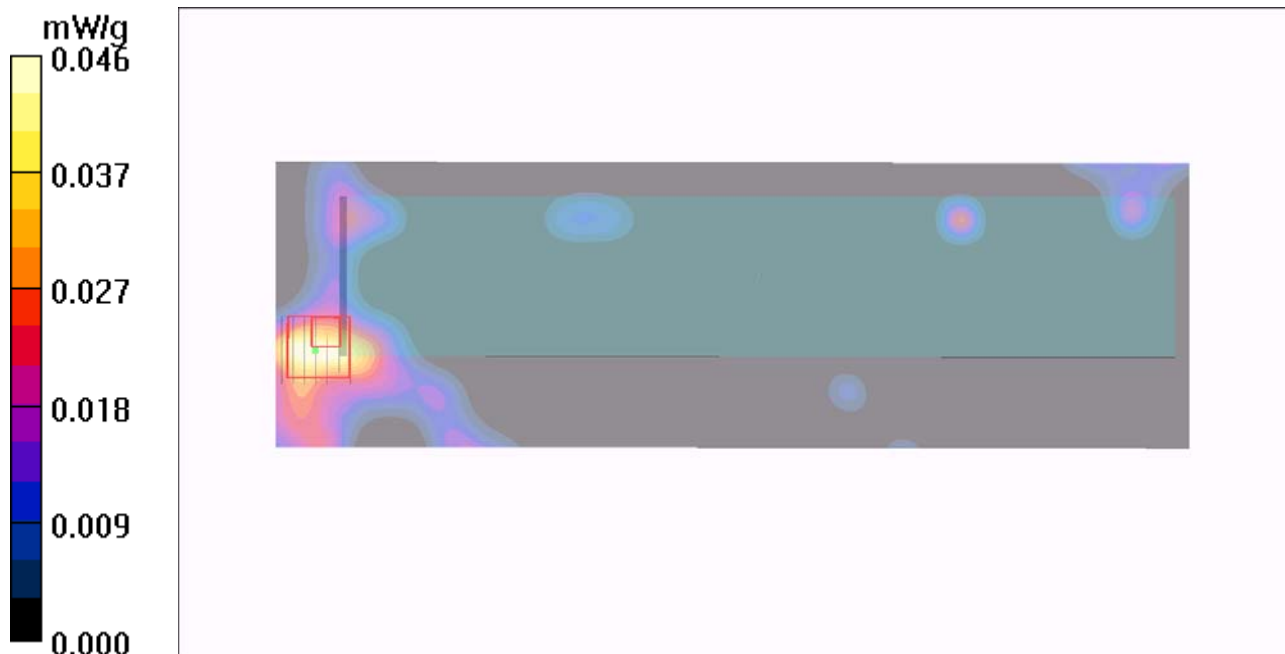
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.559 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.0072 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



P24 802.11n HT20_Rear Face_0 cm_Ch60_Ant B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.072 mW/g

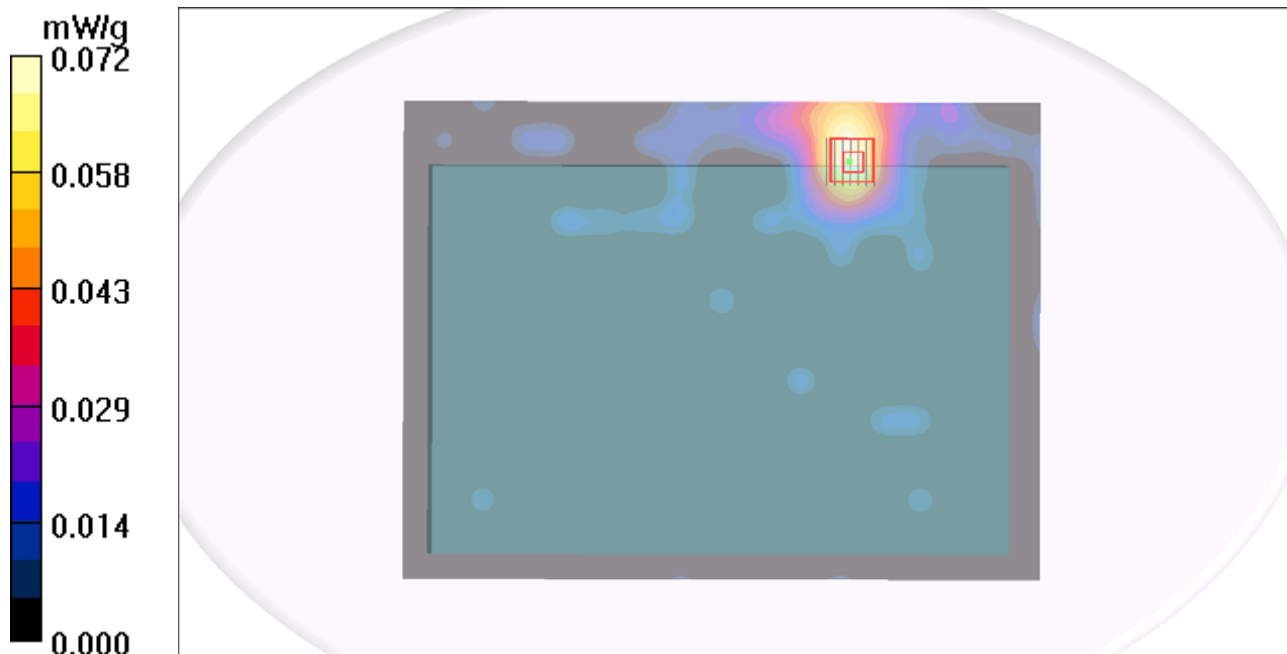
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.528 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.014 mW/g

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



P26 802.11n HT20_Secondary Landscape_0 cm_Ch60_Ant B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.922 mW/g

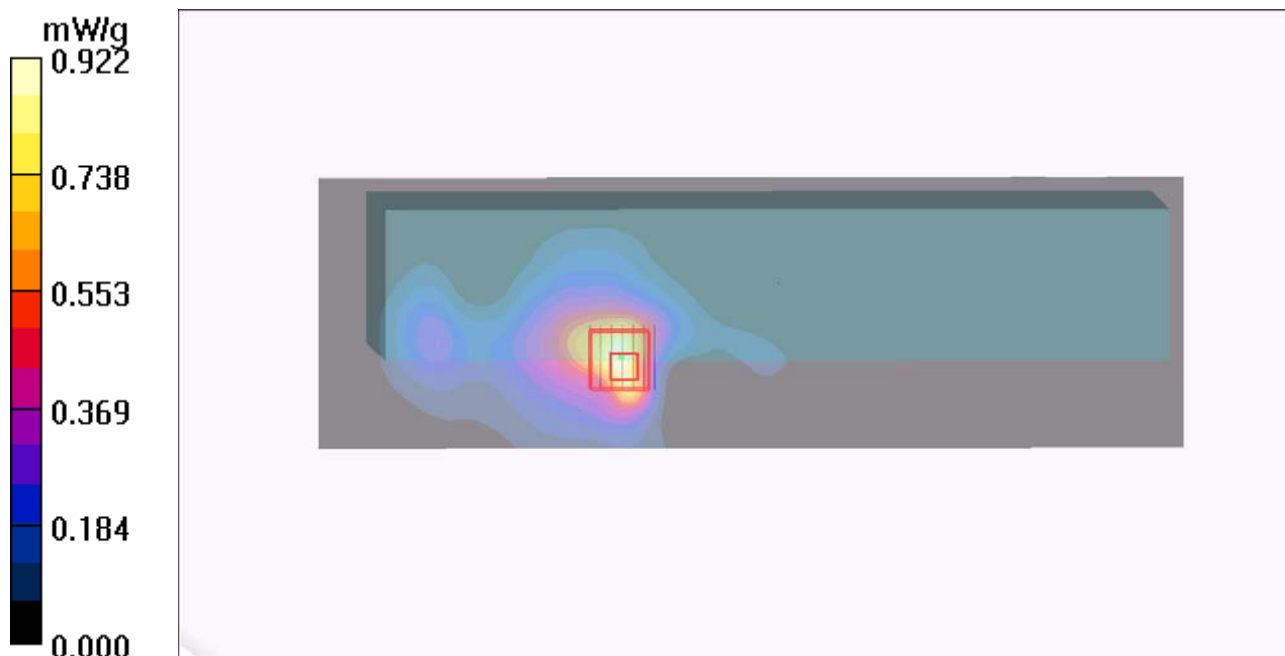
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.80 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



P27 802.11n HT20_Rear Face_0 cm_Ch64_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

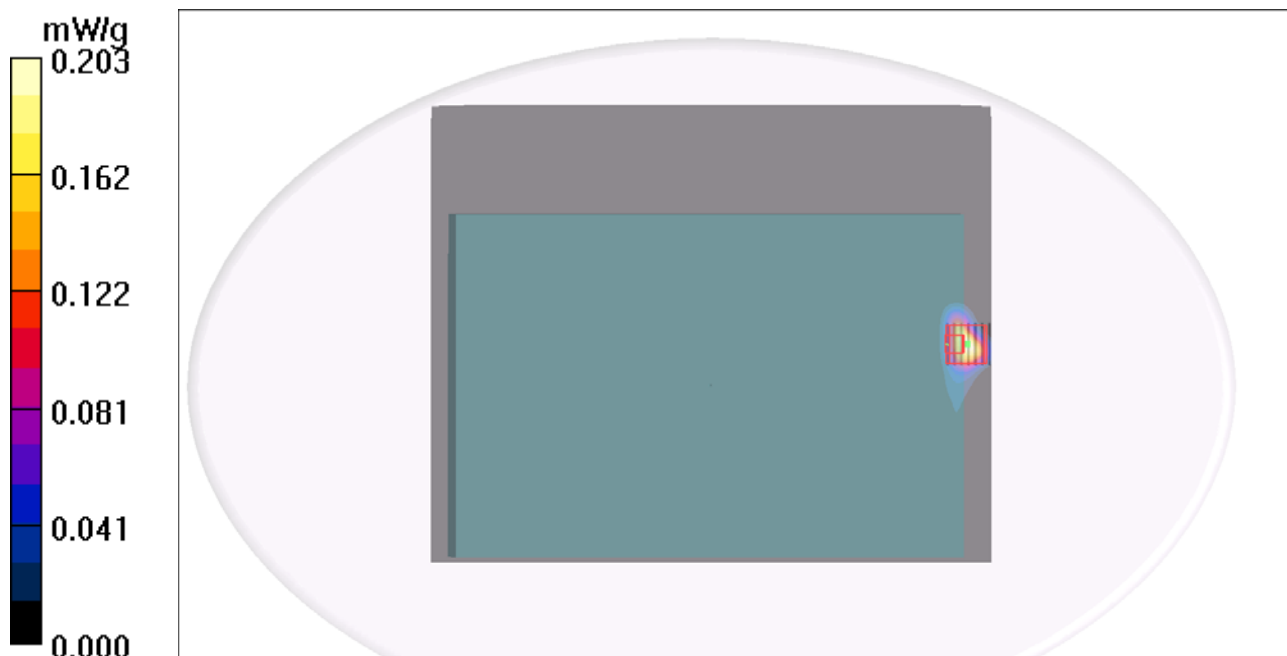
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.00327 mW/g; SAR(10 g) = 0.000332 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



P28 802.11n HT20_Secondary Portrait_0 cm_Ch64_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.13 mW/g

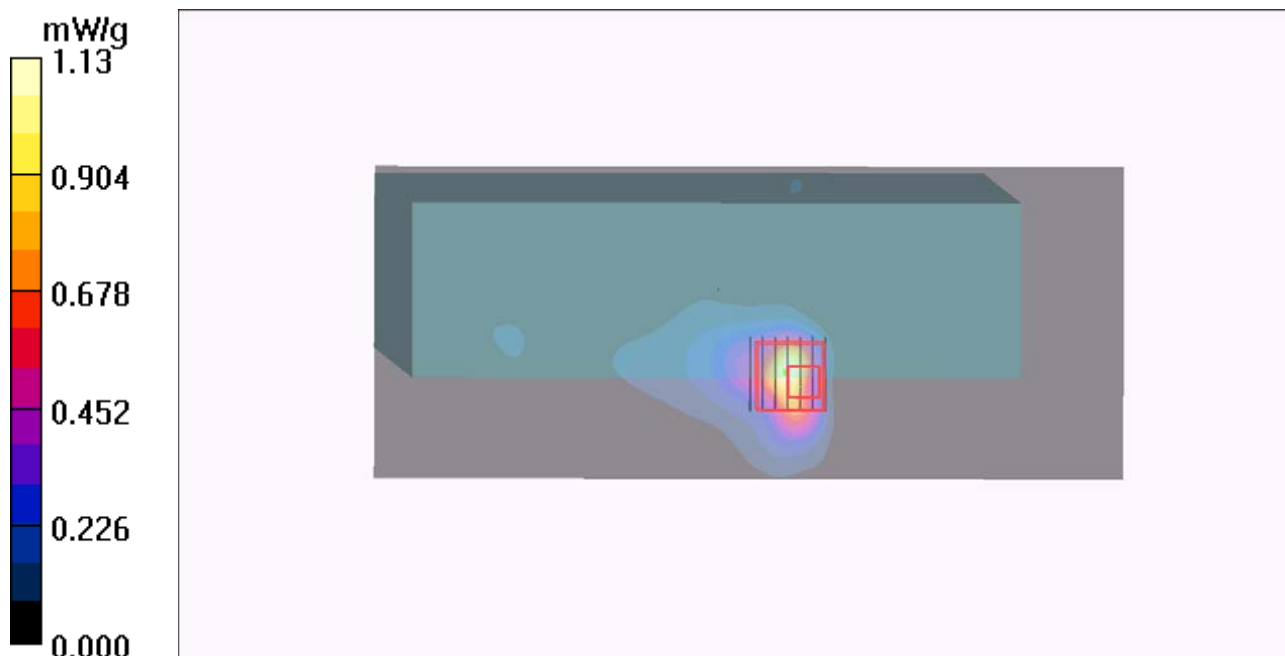
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.63 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.984 mW/g



P29 802.11n HT20_Secondary Landscape_0 cm_Ch64_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch60/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.299 mW/g

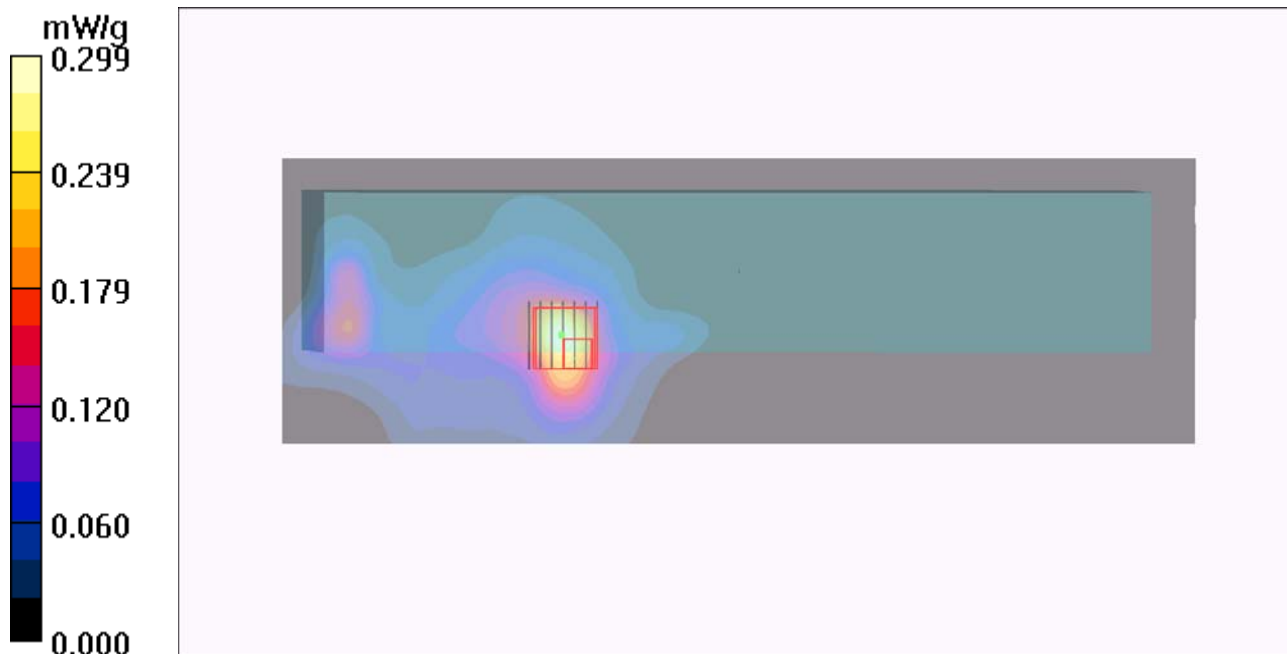
Ch60/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.47 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.395 mW/g



P30 802.11a_Rear Face_0 cm_Ch132_Ant A

DUT: 120410C09

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.92$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch132/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.035 mW/g

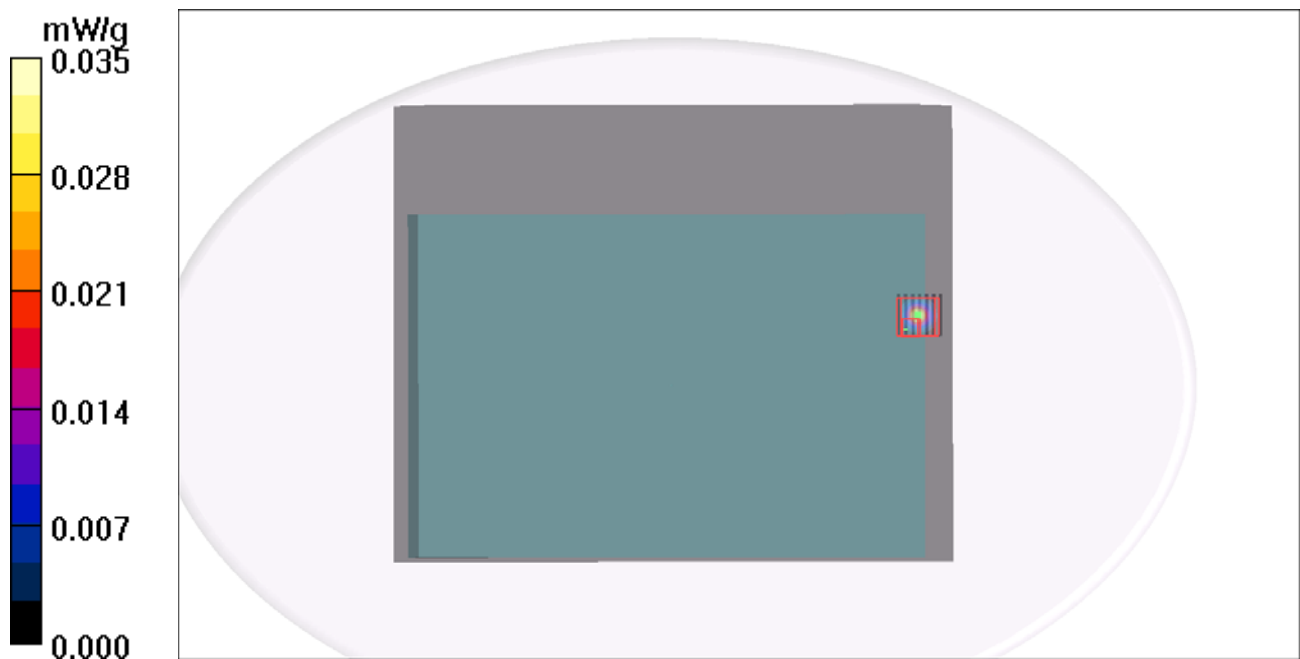
Ch132/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.775 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.00838 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



P31 802.11a_Secondary Portrait_0 cm_Ch132_Ant A

DUT: 120410C09

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.92$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch132/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.780 mW/g

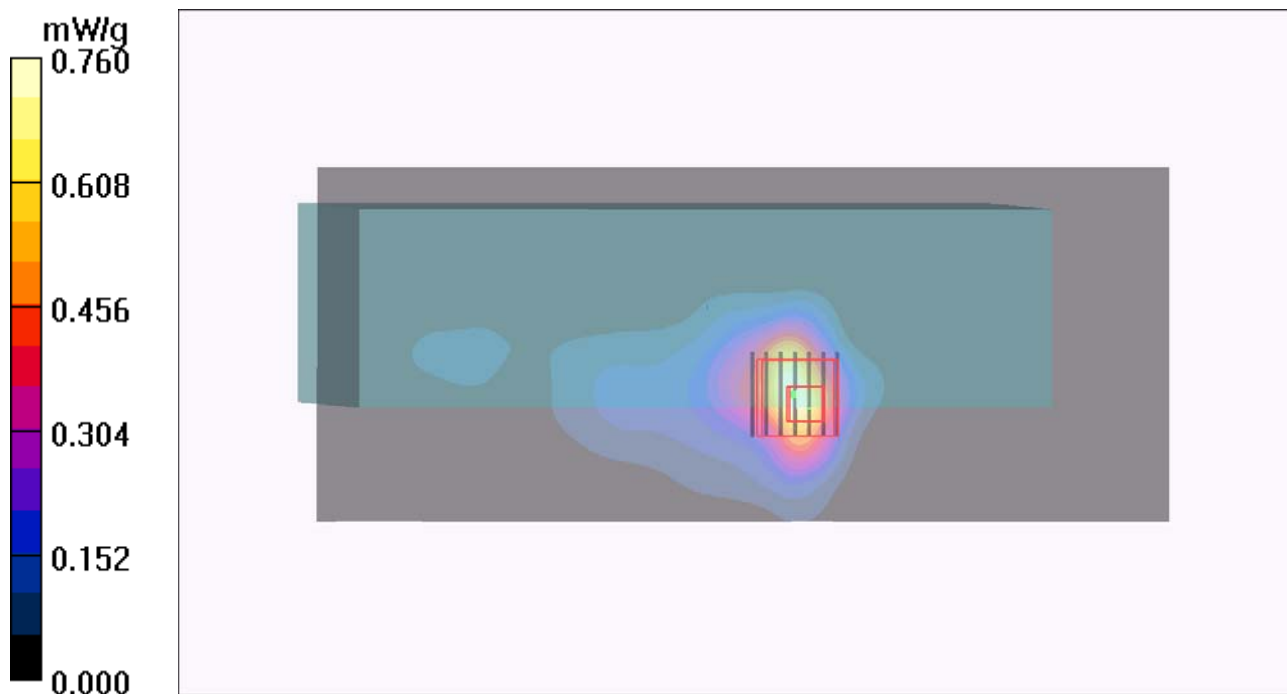
Ch132/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.72 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.760 mW/g



P32 802.11a_Secondary Landscape_0 cm_Ch132_Ant A

DUT: 120410C09

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch132/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.148 mW/g

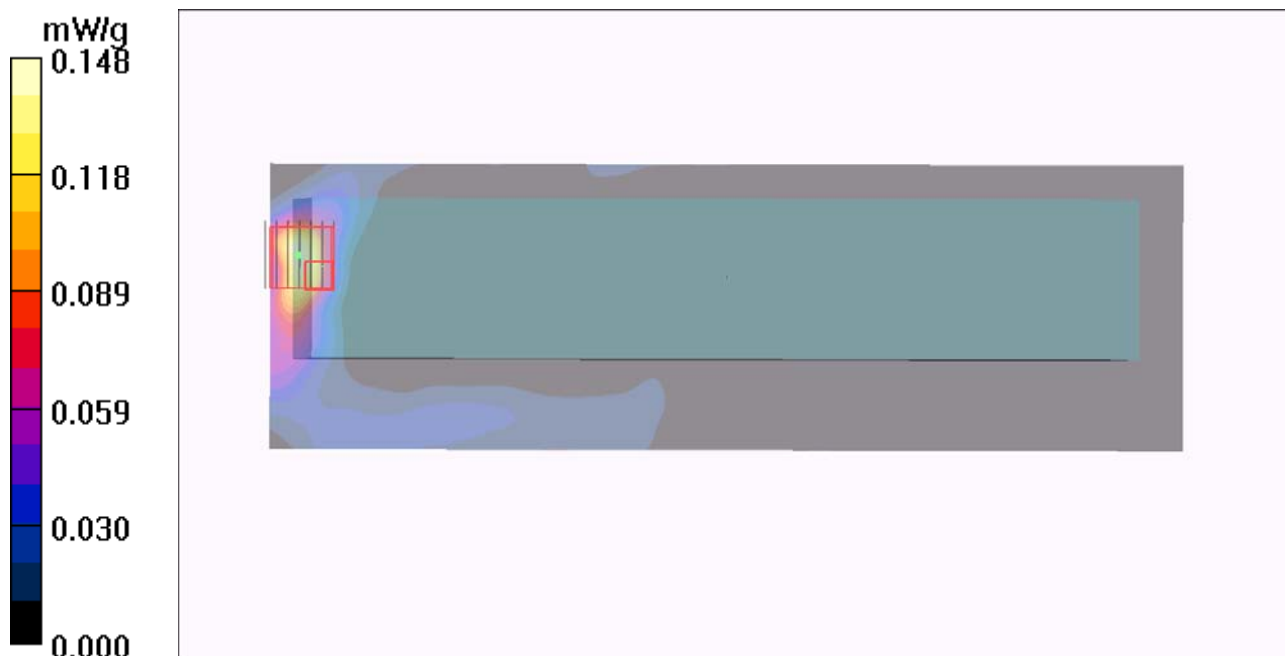
Ch132/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.16 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00917 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



P33 802.11n_HT20_Rear Face_0 cm_Ch116_Ant B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.8$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.57, 3.57, 3.57); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.106 mW/g

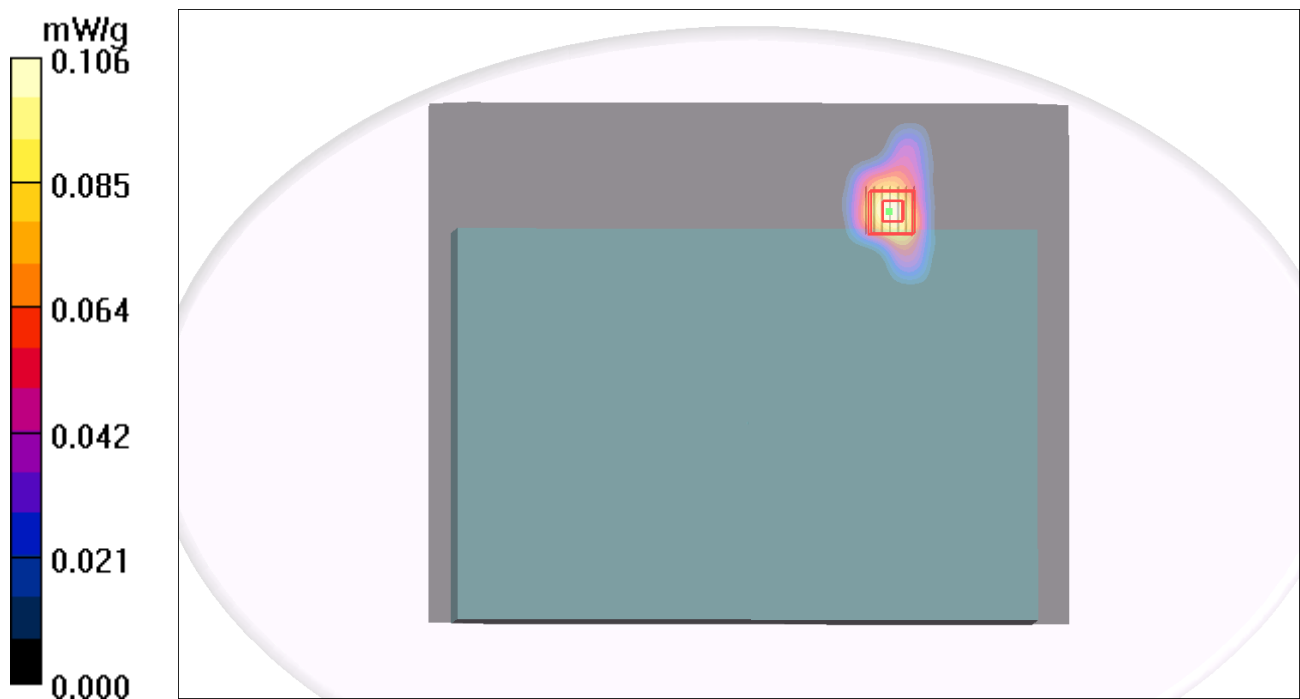
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



P35 802.11n_HT20_Secondary Landscape_0 cm_Ch116_Ant B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.85$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.891 mW/g

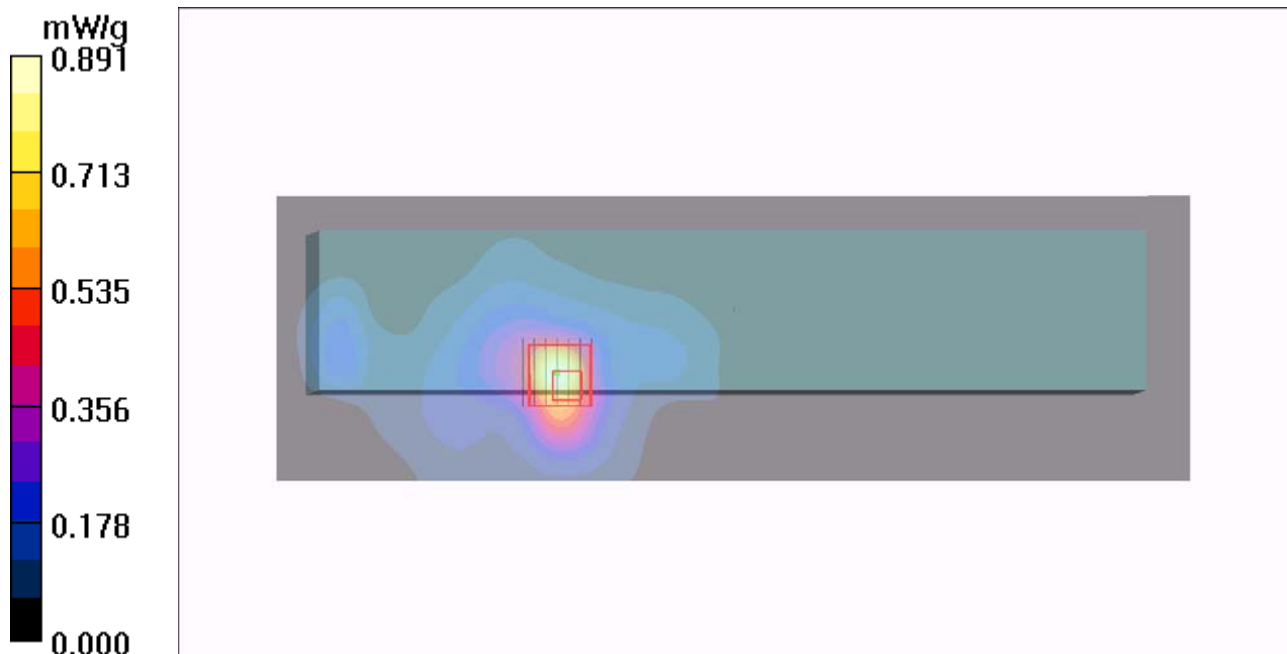
Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.50 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



P36 802.11n HT20_Rear Face_0 cm_Ch100_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_0511 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.74$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.35, 4.35, 4.35); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.663 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.122 mW/g

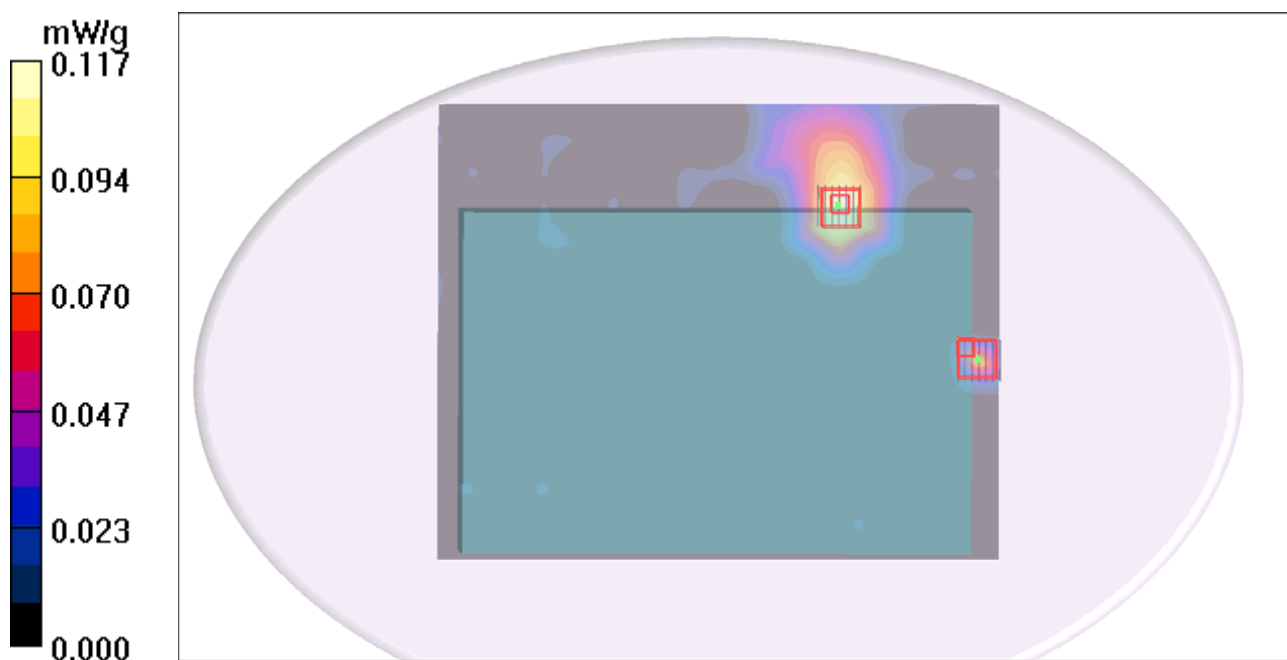
Ch100/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.663 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00676 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



P37 802.11n HT20_Secondary Portrait_0 cm_Ch100_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_0511 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.74$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.35, 4.35, 4.35); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.556 mW/g

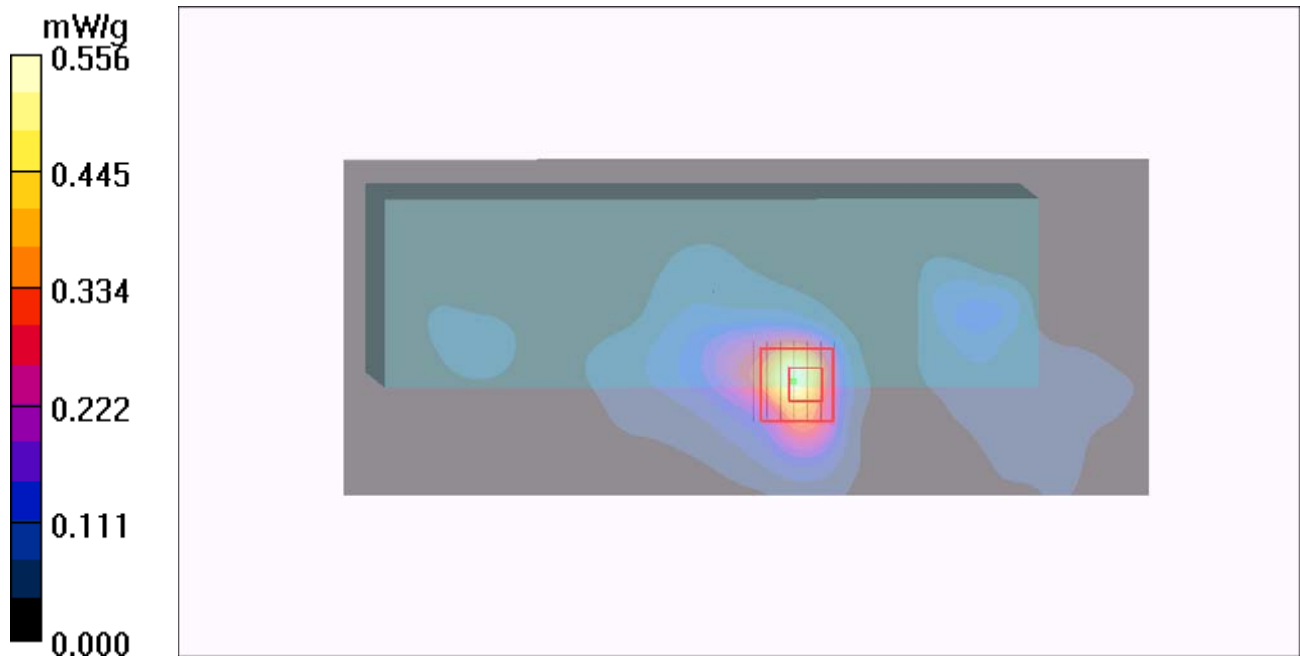
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.80 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.587 mW/g



P38 802.11n_HT20_Secondary Landscape_0 cm_Ch100_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.35, 4.35, 4.35); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (101x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.662 mW/g

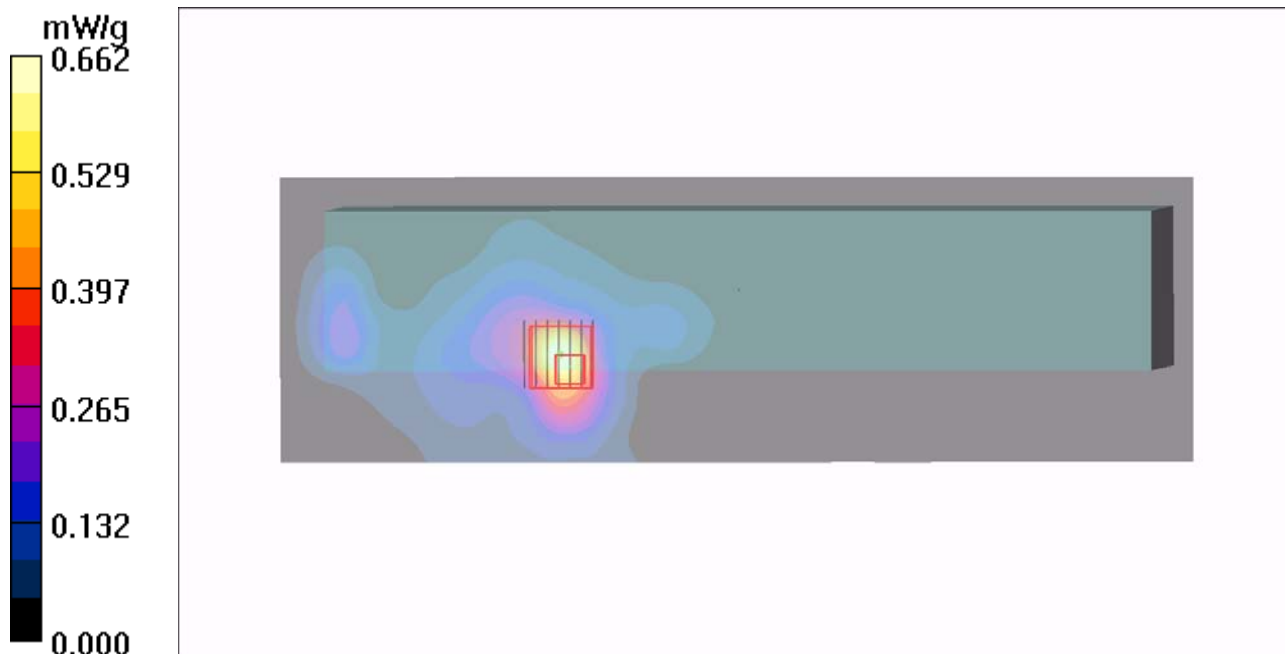
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.32 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



P40 802.11n_HT20_Secondary Portrait_0 cm_Ch157_Ant A

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.11$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.799 mW/g

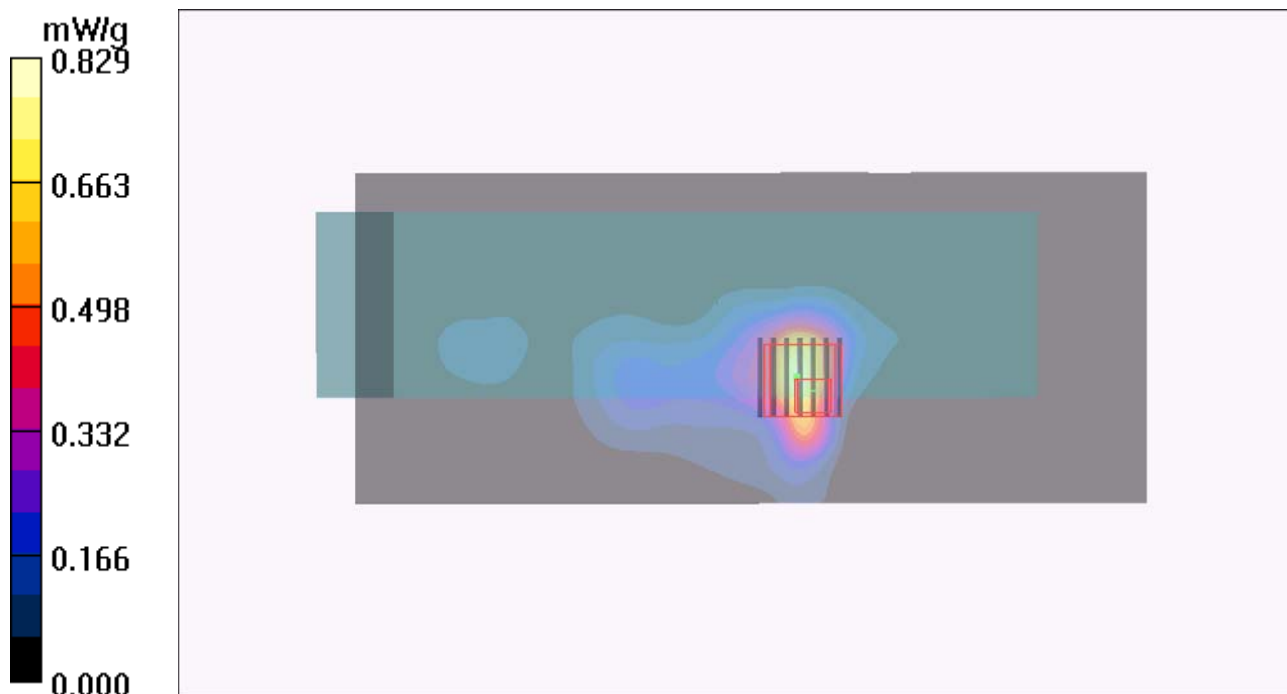
Ch157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.21 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.829 mW/g



P41 802.11n_HT20_Secondary Landscape_0 cm_Ch157_Ant A

DUT: 120410C09

Communication System: 802.11aN_20MHz; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch157/Area Scan (101x341x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.034 mW/g

Ch157/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.633 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00244 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

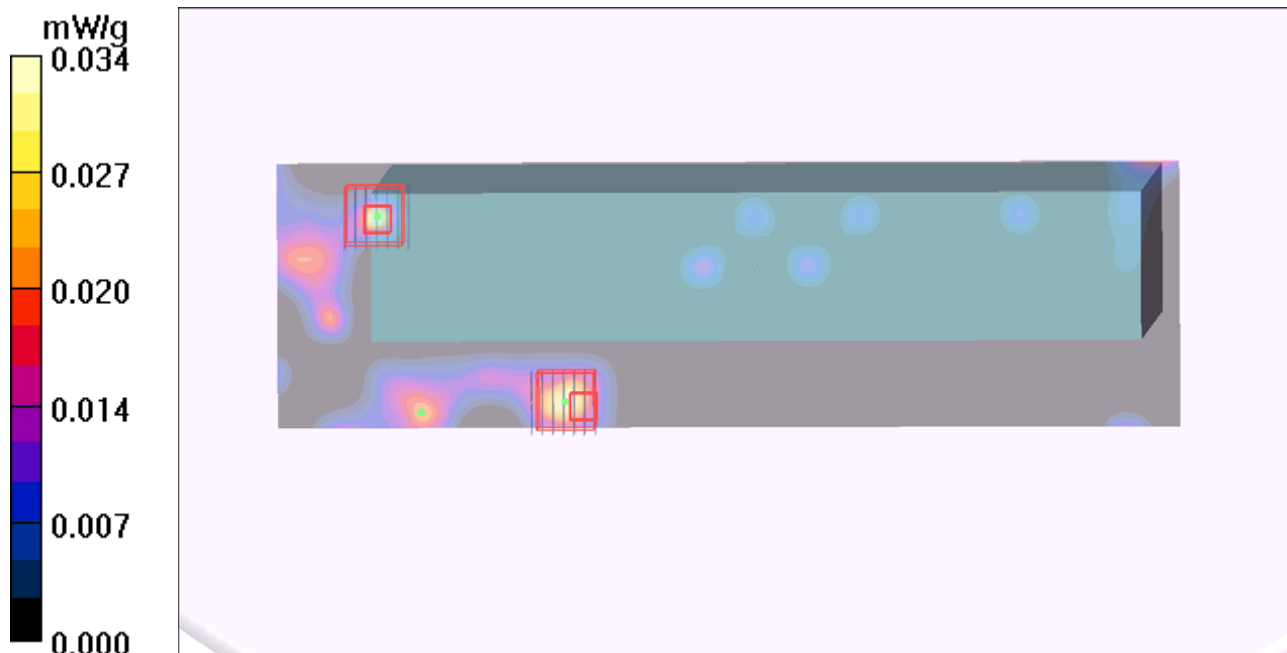
Ch157/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.633 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.00453 mW/g; SAR(10 g) = 0.0014 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



P42 802.11n_HT40_Rear Face_0 cm_Ch159_Ant B

DUT: 120410C09

Communication System: 802.11aN_40MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch159/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

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

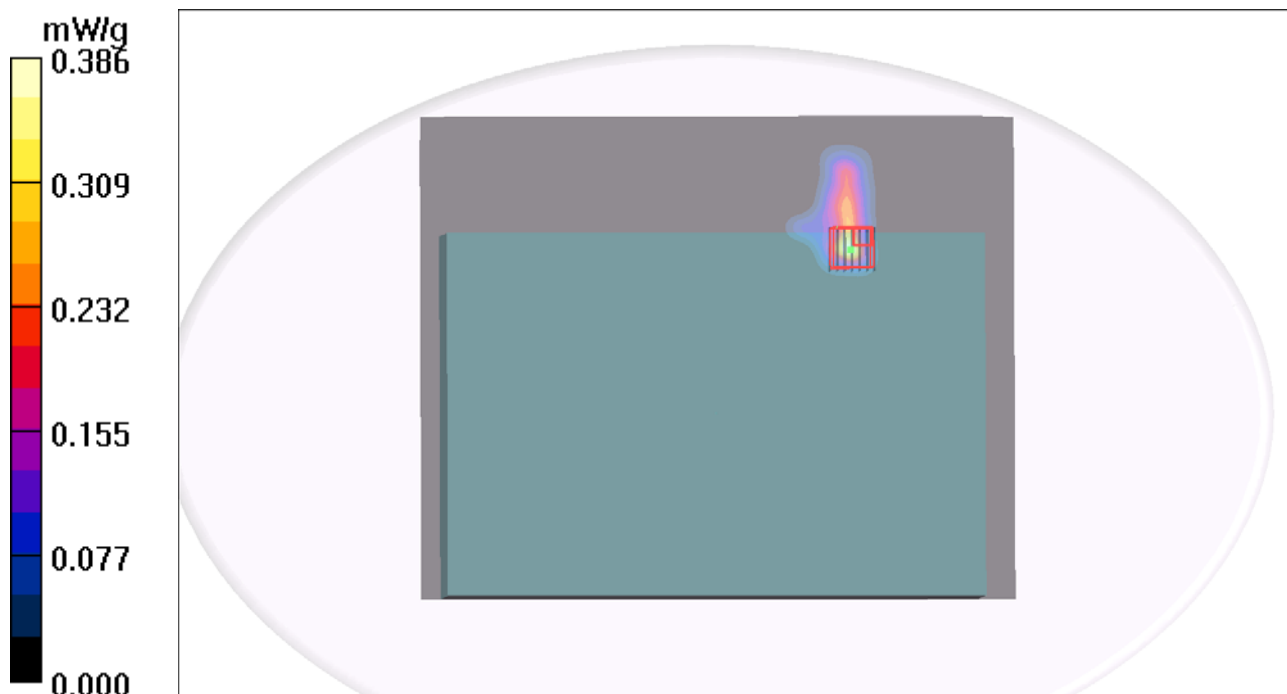
Ch159/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.025 mW/g

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



P44 802.11n_HT40_Secondary Landscape_0 cm_Ch159_Ant B

DUT: 120410C09

Communication System: 802.11aN_40MHz; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: B5G_0510 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch159/Area Scan (101x341x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.39 mW/g

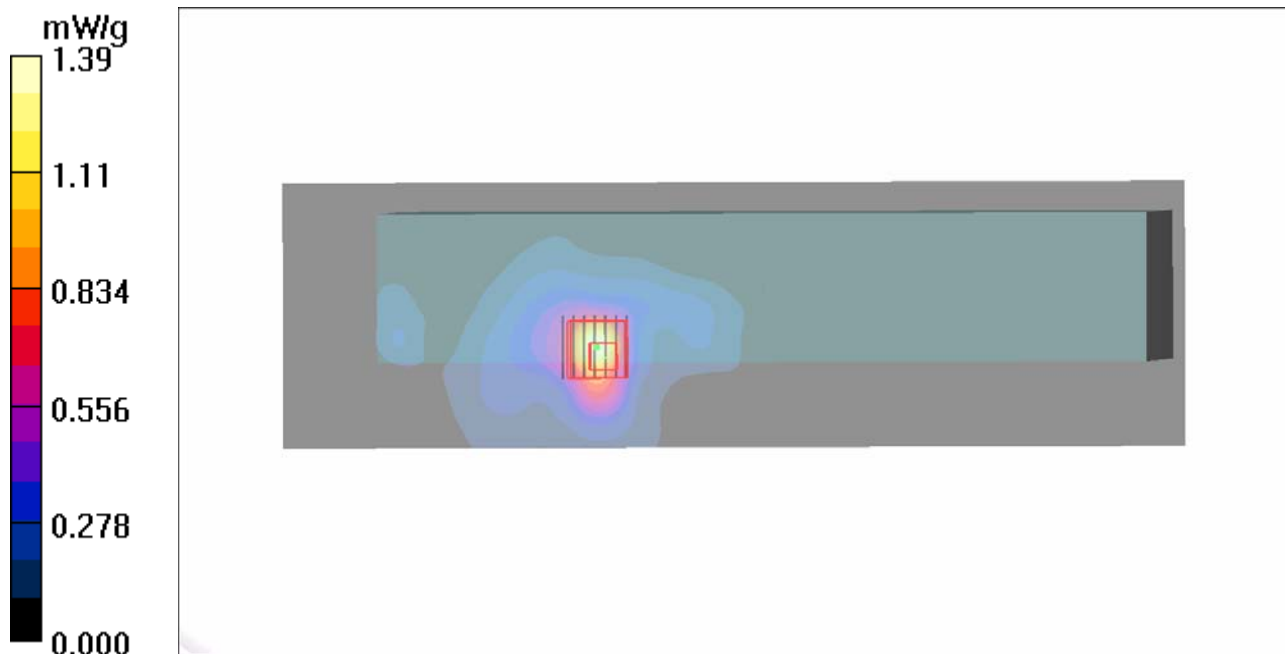
Ch159/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.88 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 3.07 W/kg

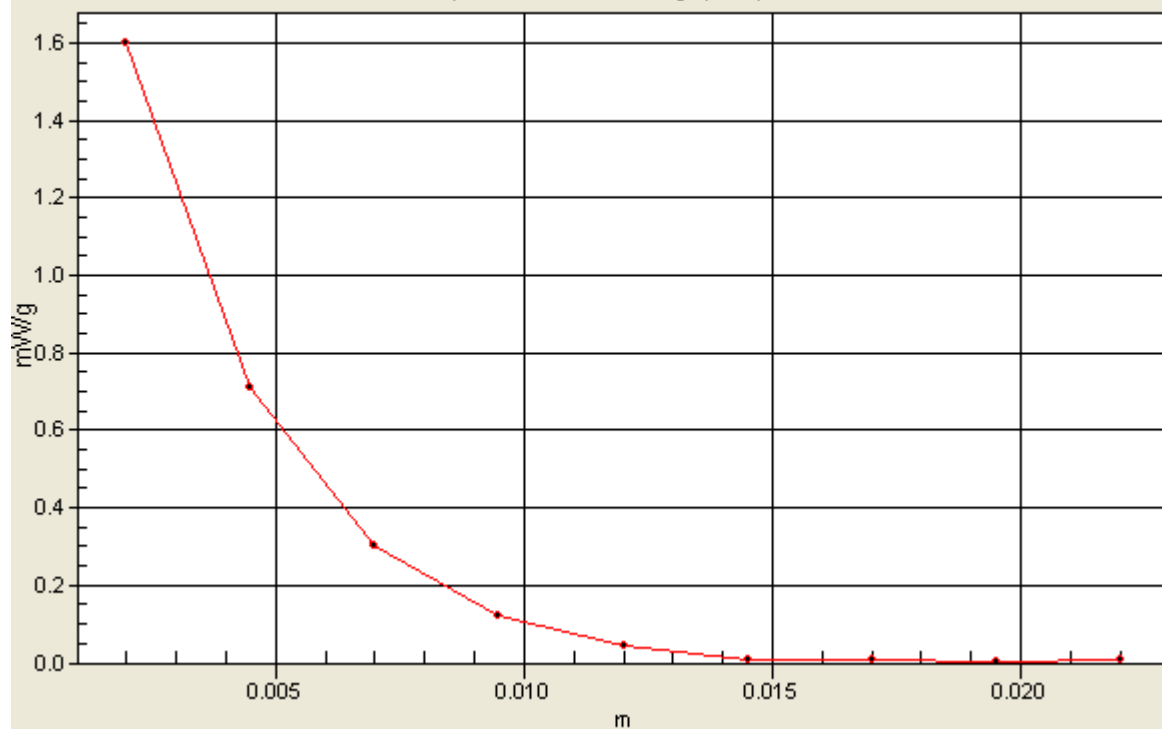
SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=4



P48 802.11n_HT40_Secondary Landscape_0 cm_Ch151_Ant B

DUT: 120410C09

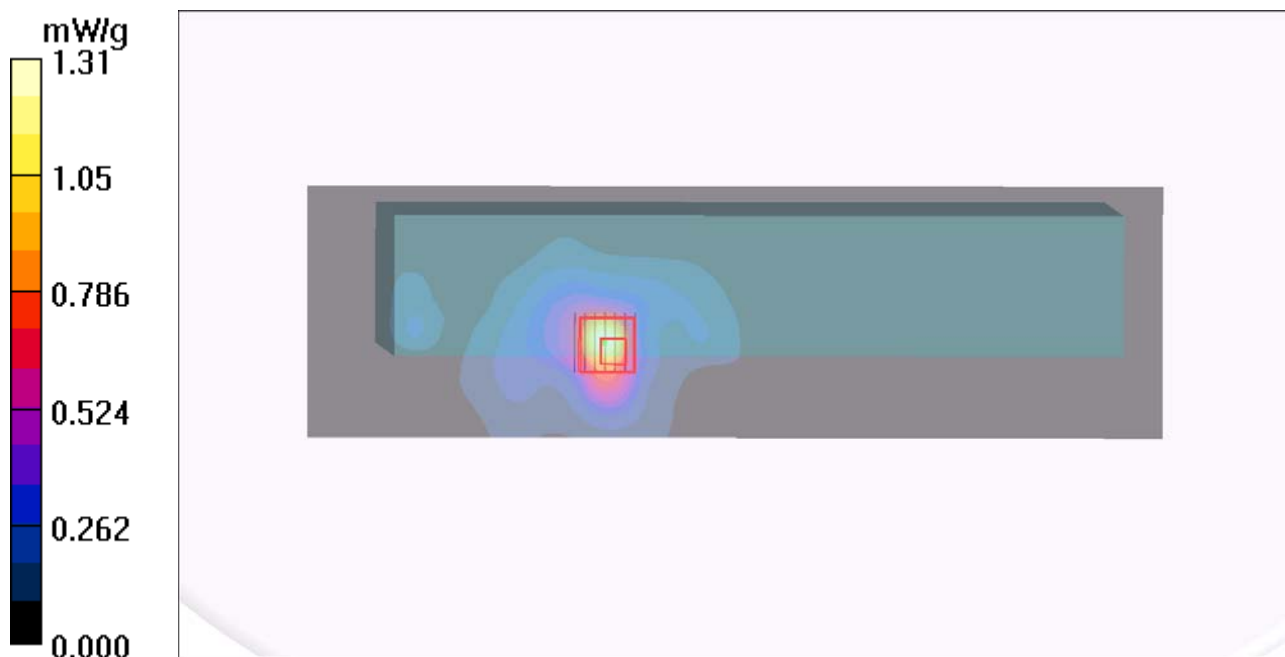
Communication System: 802.11aN_40MHz; Frequency: 5755 MHz; Duty Cycle: 1:1
Medium: B5G_0510 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.12$ mho/m; $\epsilon_r = 50$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch151/Area Scan (101x341x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.67 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



P45 802.11n HT40_Rear Face_0 cm_Ch151_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_40MHz; Frequency: 5755 MHz; Duty Cycle: 1:1
Medium: B5G_0511 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 50$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

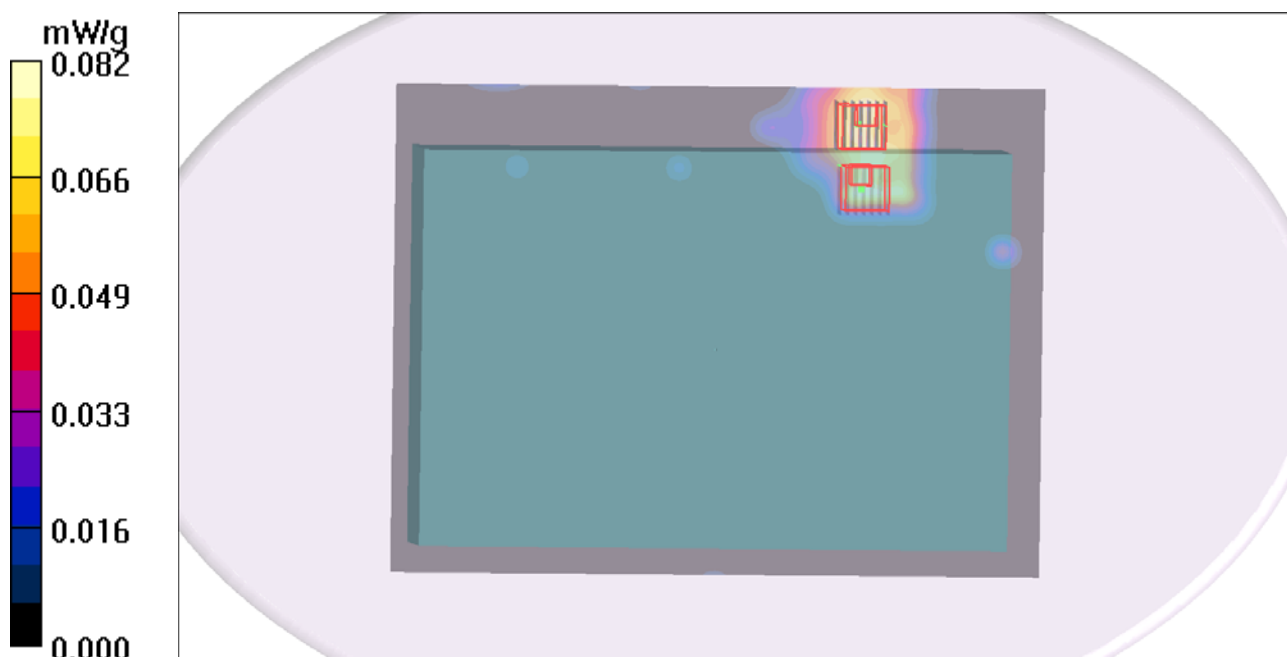
DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch151/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.082 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.15 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.080 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.15 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



P46 802.11n_HT40_Secondary Portrait_0 cm_Ch151_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_40MHz; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: B5G_0512 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch151/Area Scan (101x241x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.481 mW/g

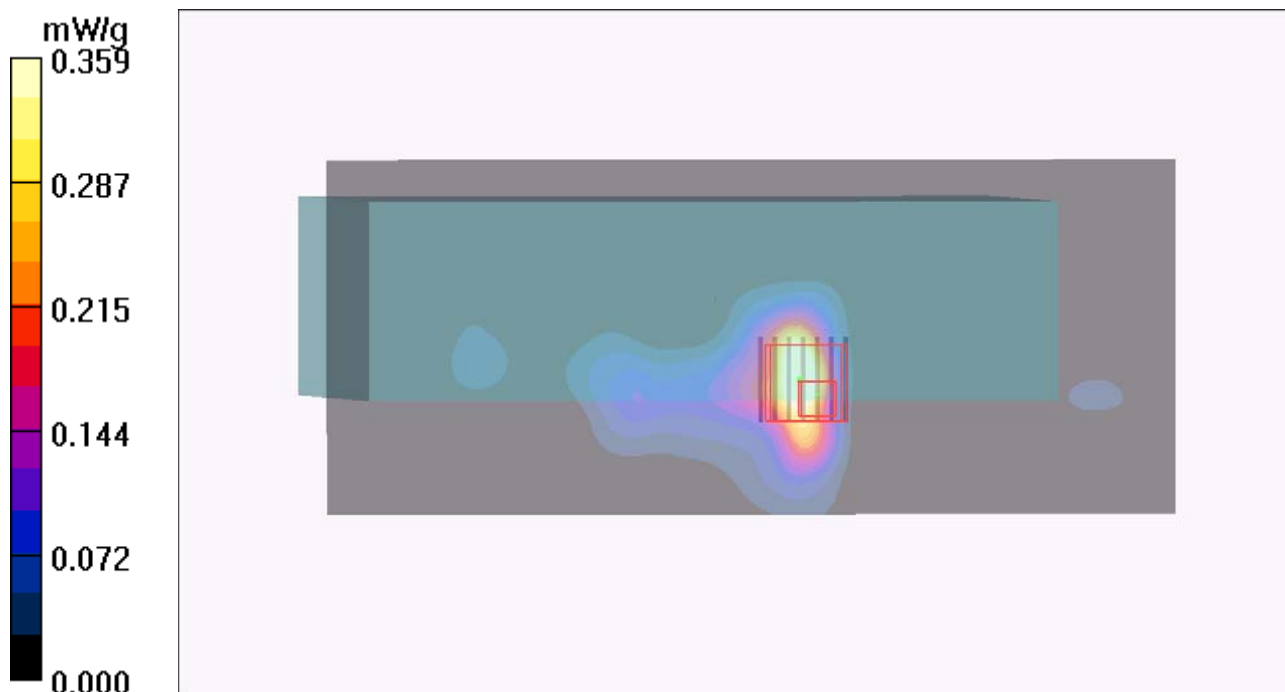
Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.47 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



P47 802.11n_HT40_Secondary Landscape_0 cm_Ch151_Ant A+B

DUT: 120410C09

Communication System: 802.11aN_40MHz; Frequency: 5755 MHz; Duty Cycle: 1:1
Medium: B5G_0511 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 50$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch151/Area Scan (101x341x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.753 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.12 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.815 mW/g

