

P01 GSM850_GPRS 8_Rear Face_0cm_Ch128_Sensor On**DUT: 120427C12**

Communication System: GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: B835_0531 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.877$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.16 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.755 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.421 mW/g

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 1.05 mW/g

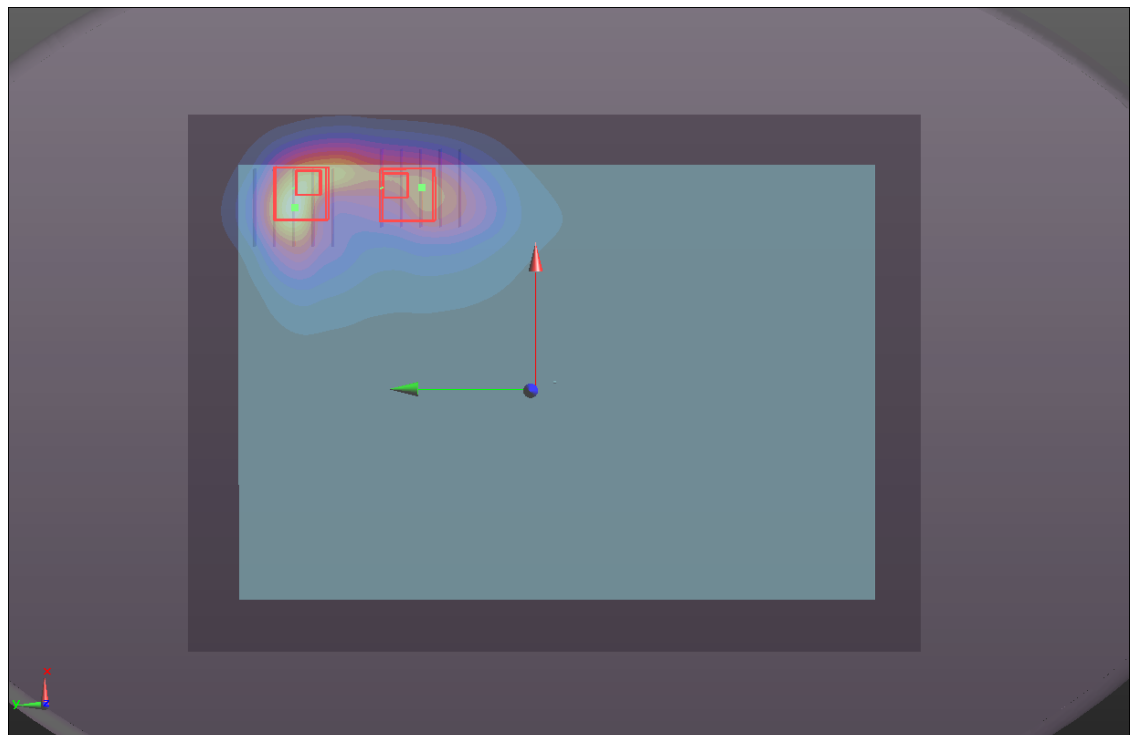
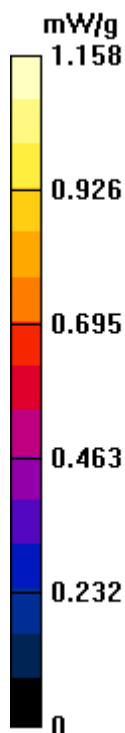
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.755 V/m; Power Drift = 0.01 dB

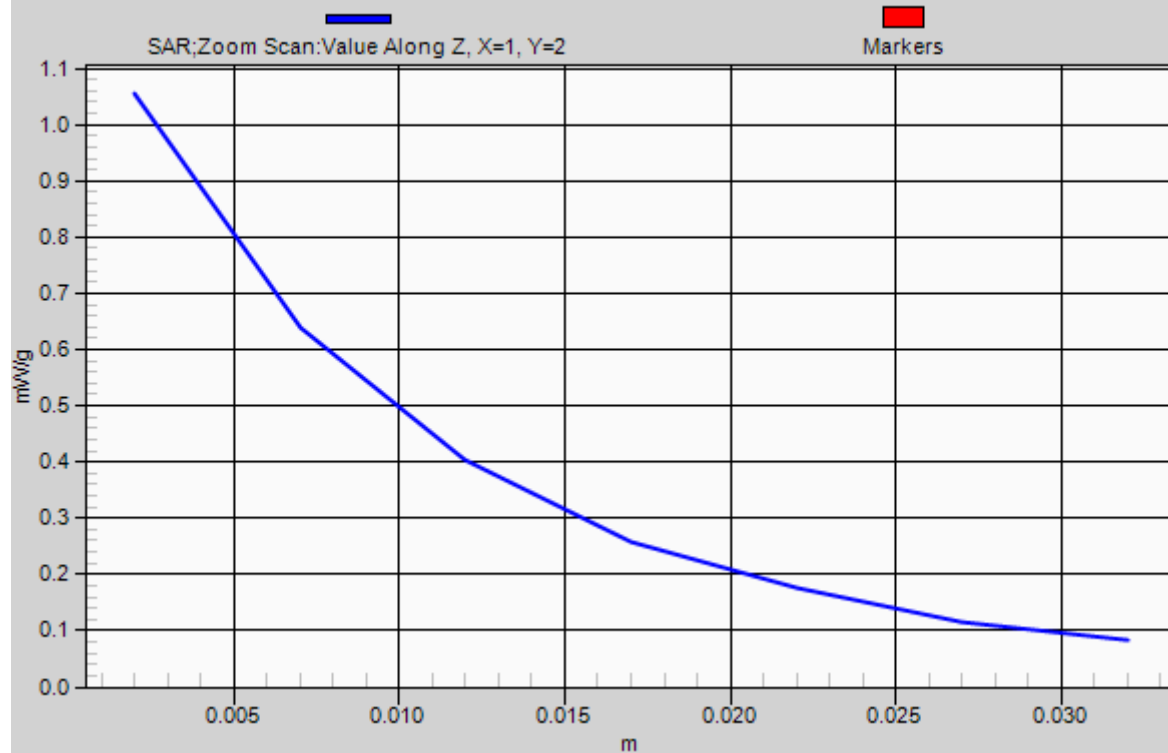
Peak SAR (extrapolated) = 1.190 mW/g

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.898 mW/g



1g/10g Averaged SAR



P02 GSM850_GPRS8_Secondary Landscape_0cm_Ch128_Sensor On**DUT: 120427C12**

Communication System: GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: B835_0531 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.877$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.645 mW/g

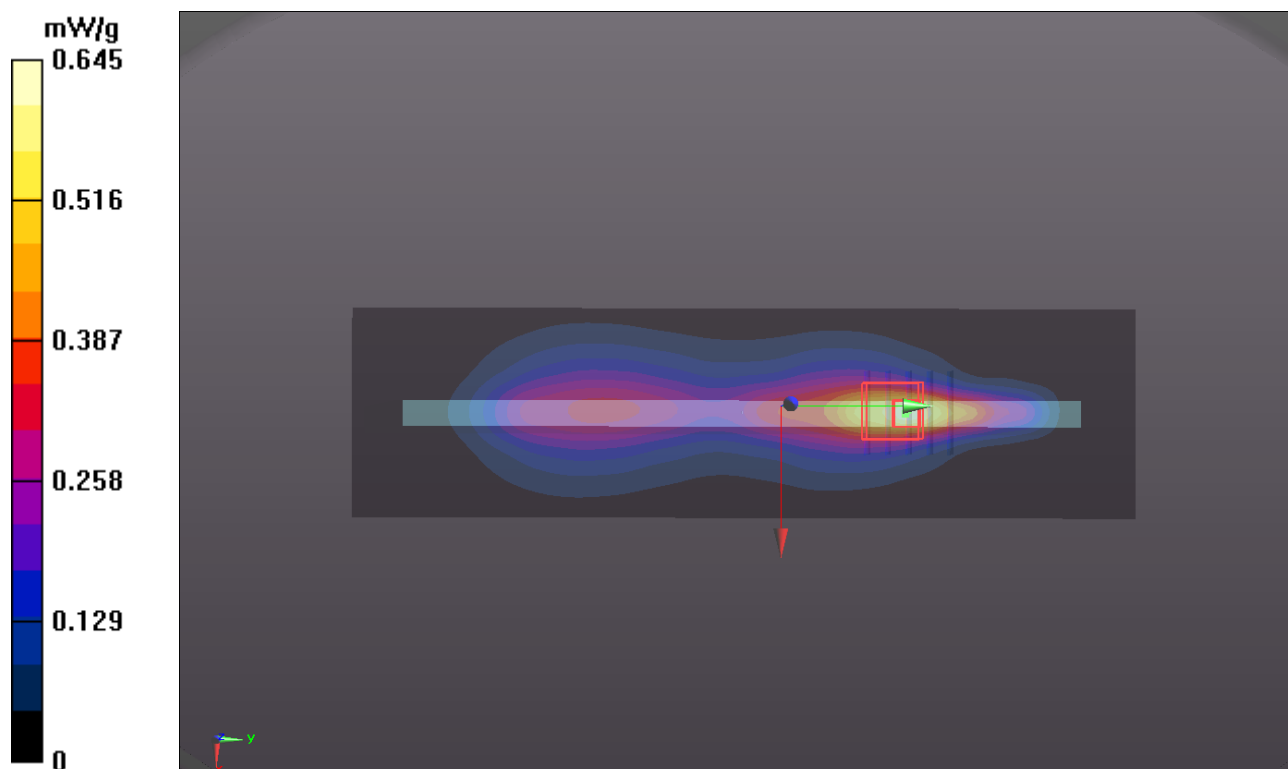
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.048 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.776 mW/g

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



P03 GSM850_GPRS 12_Rear Face_0.7cm_Ch128_Sensor Off**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 57.241$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.636 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.415 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.749 mW/g

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.611 mW/g

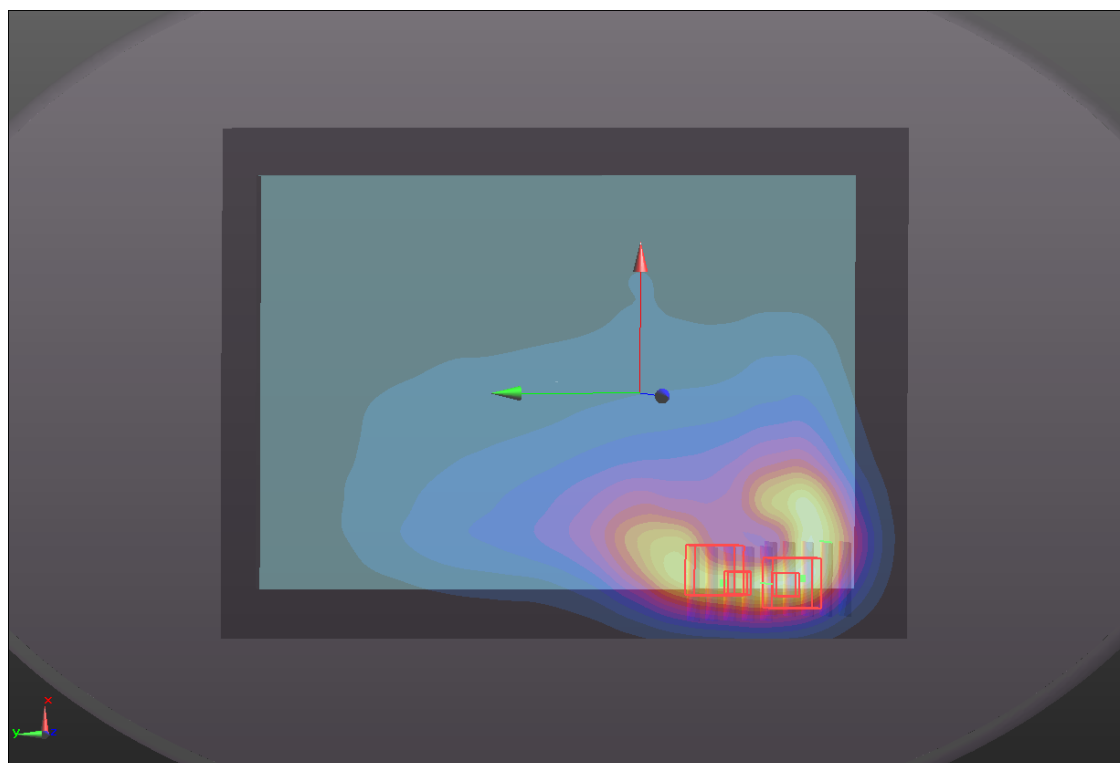
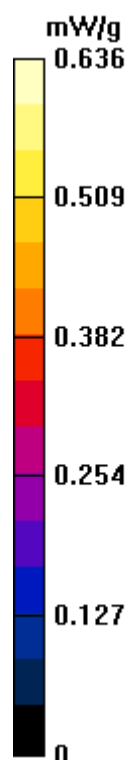
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.415 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.718 mW/g

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.304 mW/g

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



P04 GSM835_GPRS 12_Rear Face_0cm_Ch128_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0620 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.486$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.324 mW/g

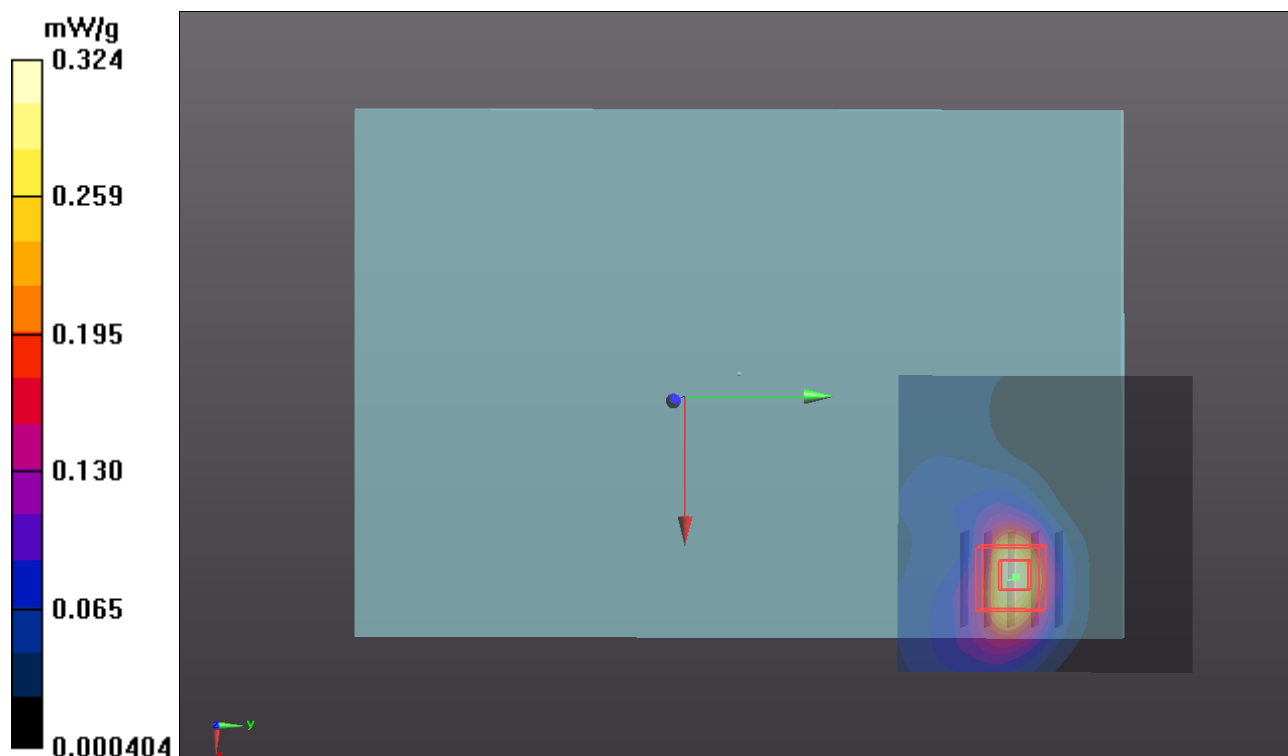
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.869 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.399 mW/g

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.318 mW/g



P05 GSM850_GPRS 12_Rear Face_0cm_Ch128_Sensor Off_TopLeftRear5**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 57.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.557 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.747 mW/g

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.625 mW/g

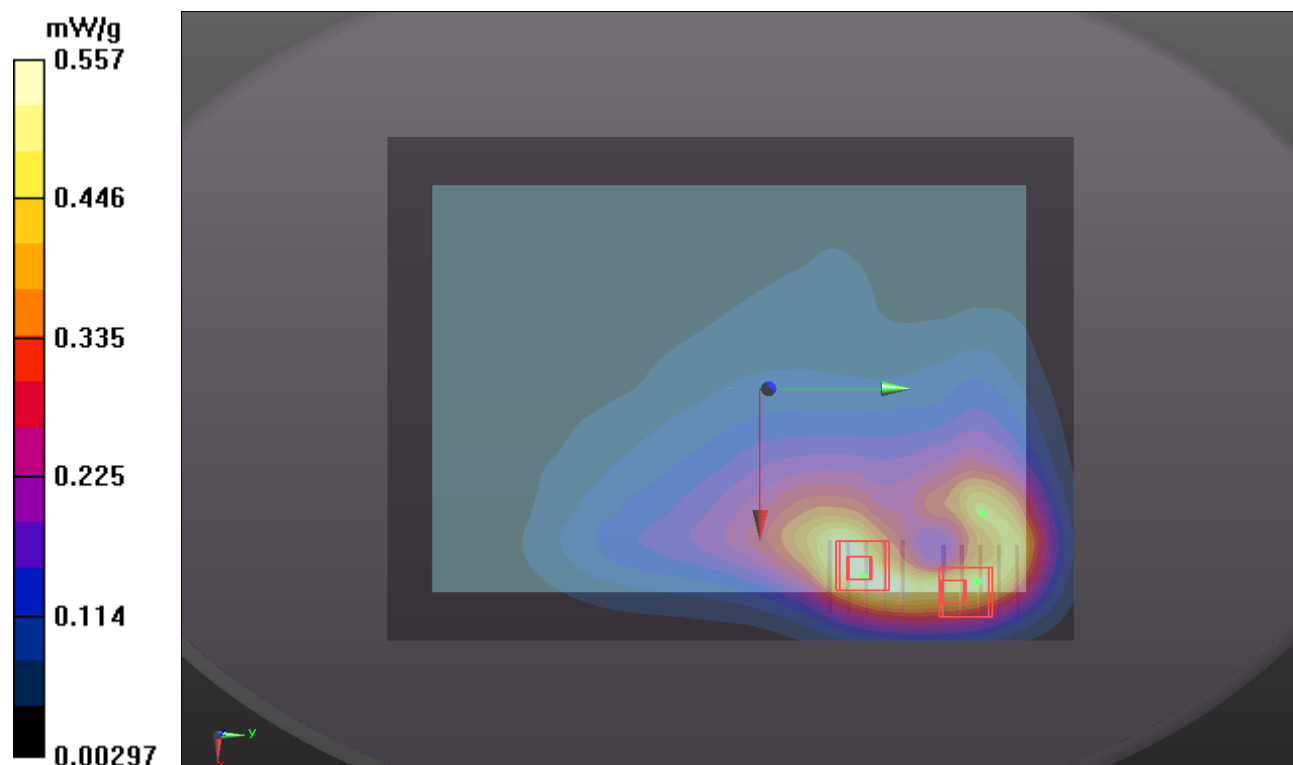
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.566 mW/g

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.254 mW/g

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



P06 GSM850_GPRS12_Primary Portrait_0cm_Ch128_Sensor Off**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 57.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.146 mW/g

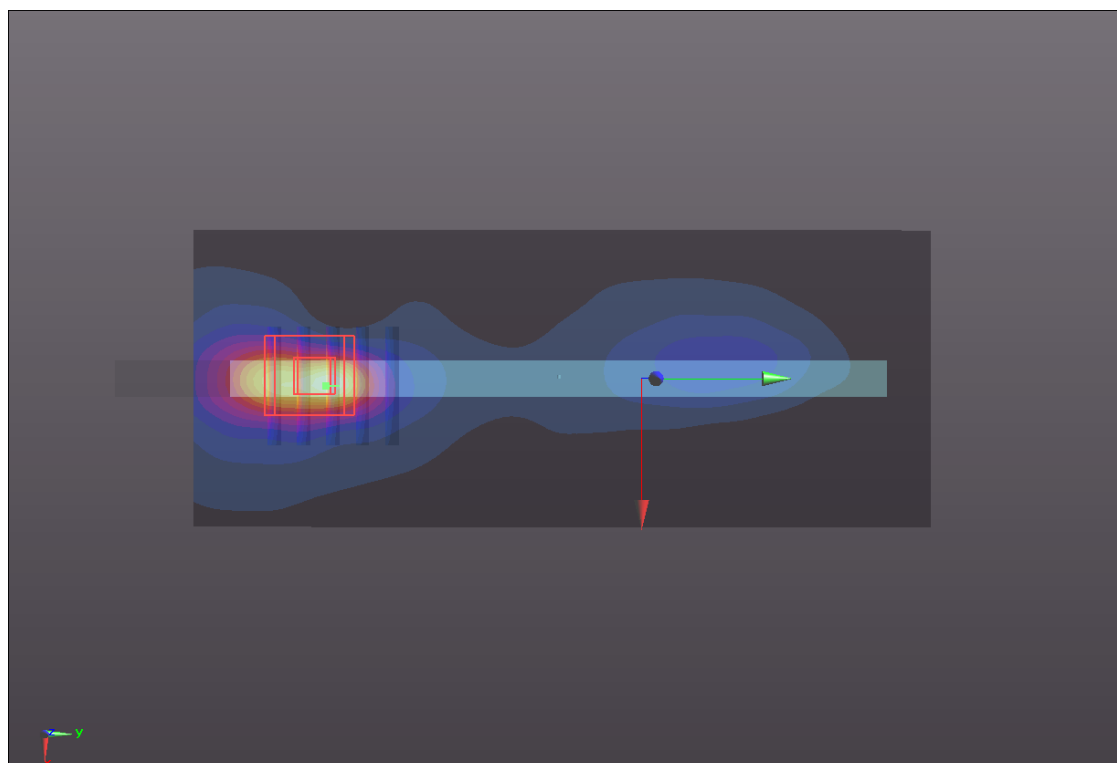
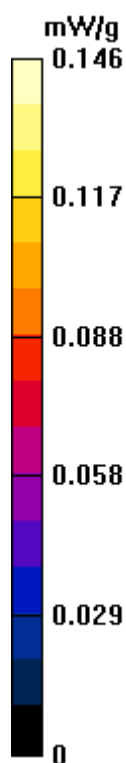
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.651 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.175 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



P07 GSM850_GPRS12_Secondary Landscape_0.7cm_Ch128_Sensor Off**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 57.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.380 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.185 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.432 mW/g

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.381 mW/g

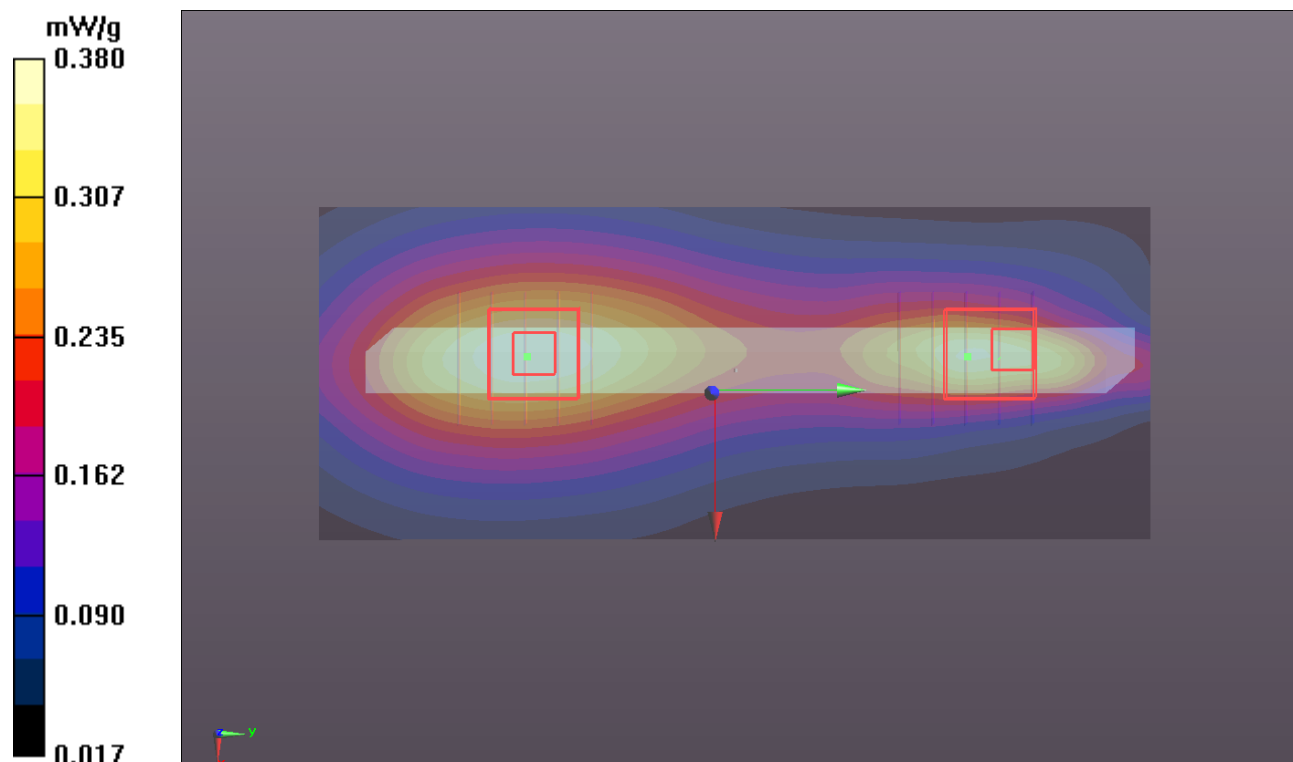
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.185 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.364 mW/g



P08 GSM850_GPRS 12_Secondary Landscape_0cm_Ch128_Sensor Off_TopRight45**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0620 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55.486$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.130 mW/g

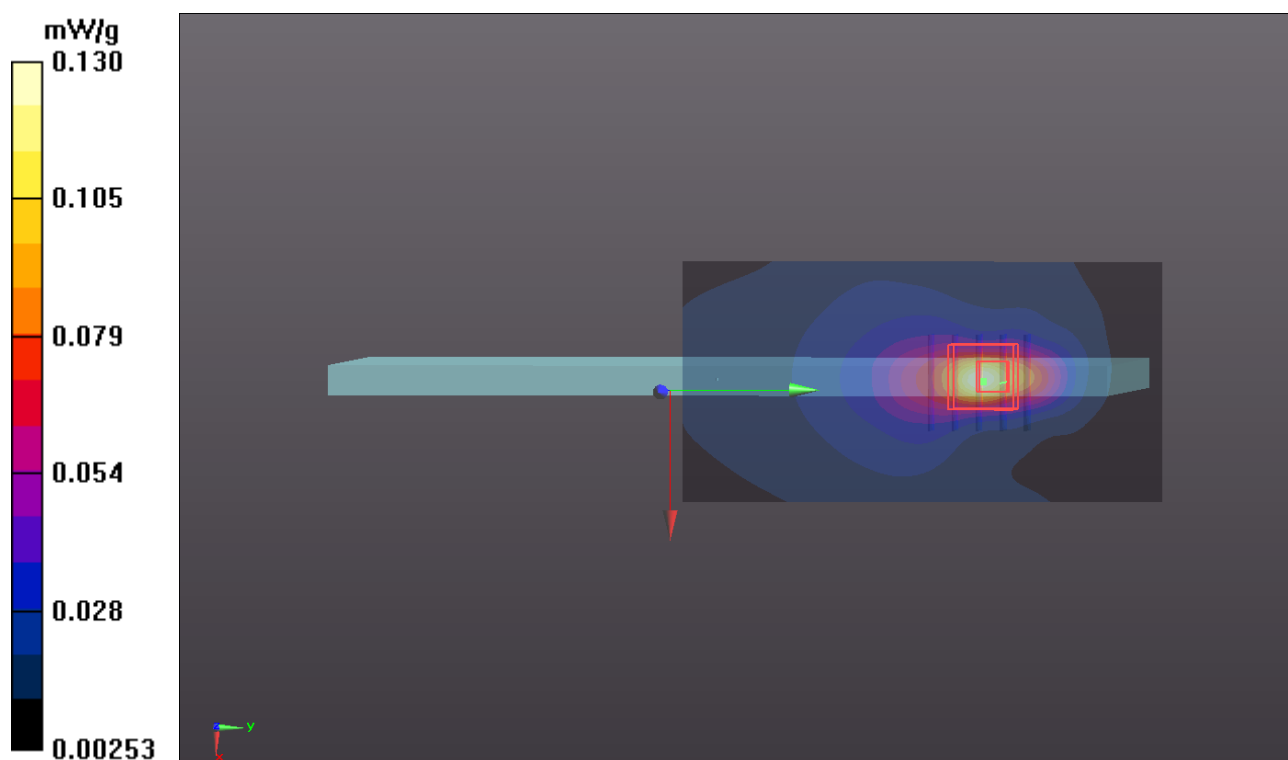
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.711 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.179 mW/g

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



P09 GSM850_GPRS12_Secondary Landscape_0cm_Ch128_Sensor Off_TopLeft3**DUT: 120427C12**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_0605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 57.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.636 mW/g

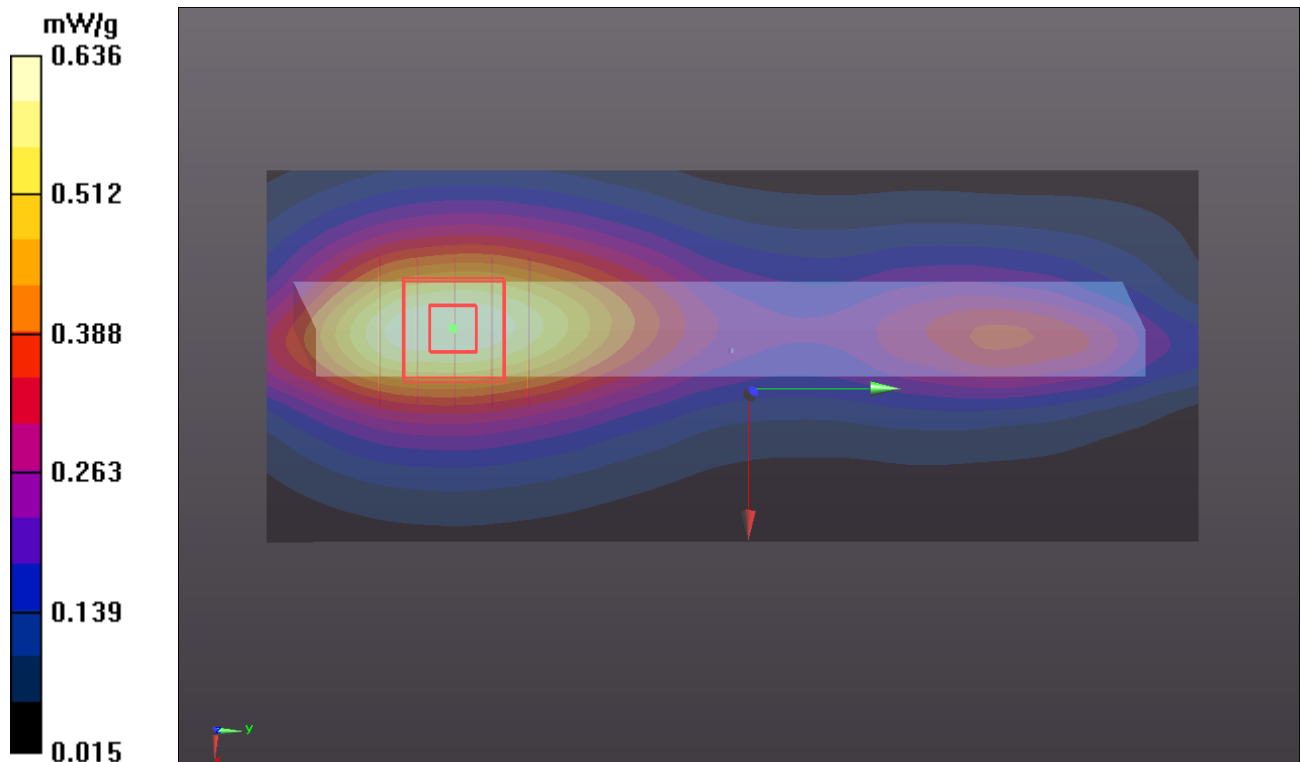
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.816 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.744 mW/g

SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.647 mW/g



P21 GSM1900_GPRS8_Rear Face_0cm_Ch512_Sensor On**DUT: 120427C12**

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: B1900_0530 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch512/Area Scan (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

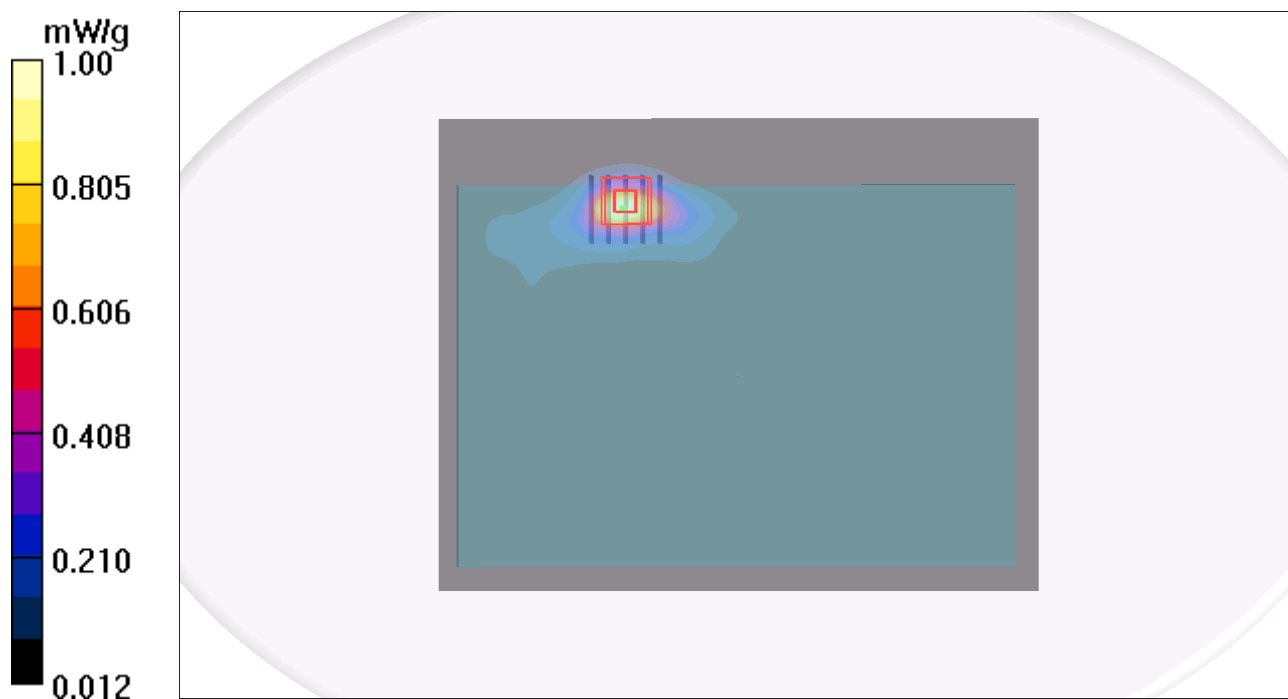
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



P22 GSM1900_GPRS8_Secondary Landscape_0cm_Ch512_Sensor On**DUT: 120427C12**

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: B1900_0530 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch512/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

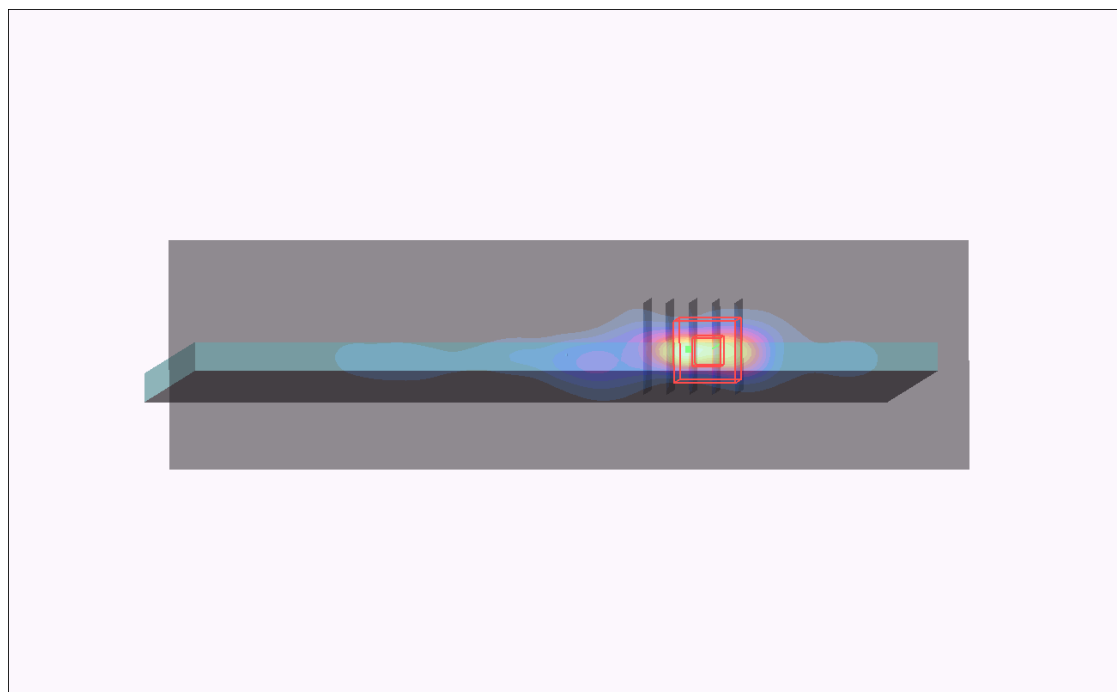
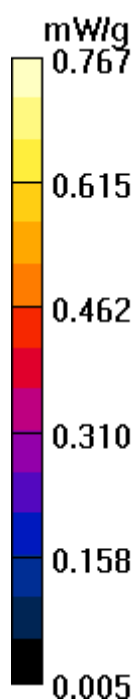
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.767 mW/g



P23 GSM1900_GPRS 12_Rear Face_0.7cm_Ch512_Sensor Off**DUT: 120427C12**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: B1900_0606 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 54.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.624 mW/g

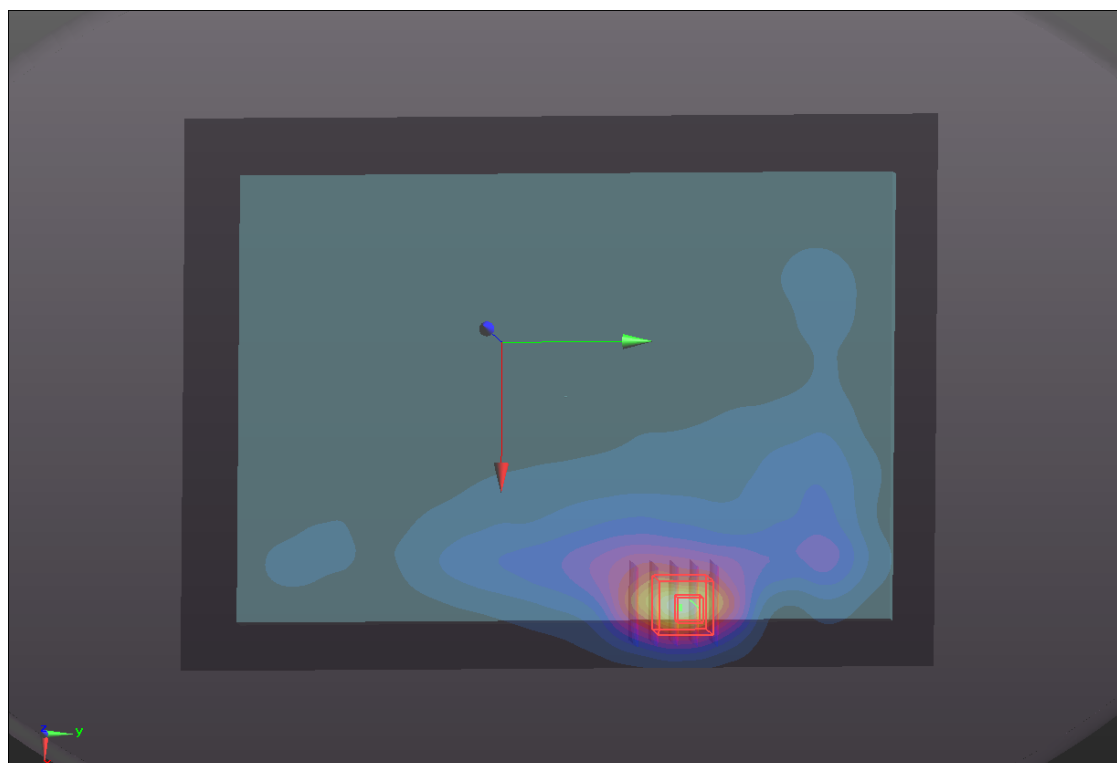
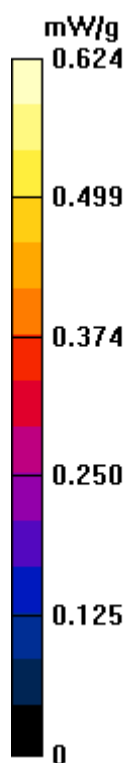
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.593 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.768 mW/g

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.616 mW/g



P24 GSM1900_GPRS 12_Rear Face_0cm_Ch512_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: B1900_0620 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 54.846$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.186 mW/g

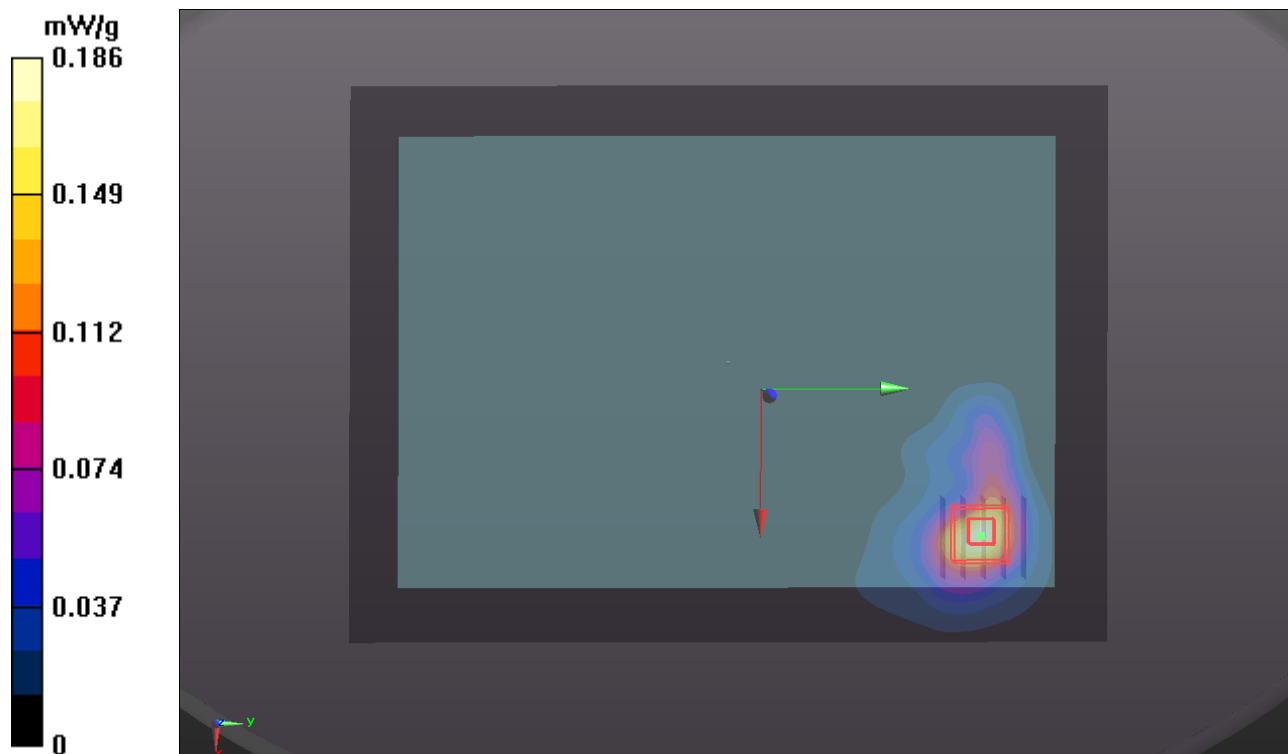
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.301 mW/g

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



P25 GSM1900_GPRS 12_Rear Face_0cm_Ch512_Sensor Off_TopLeftRear5**DUT: 120427C12**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: B1900_0606 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 54.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.253 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.228 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.314 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.260 mW/g

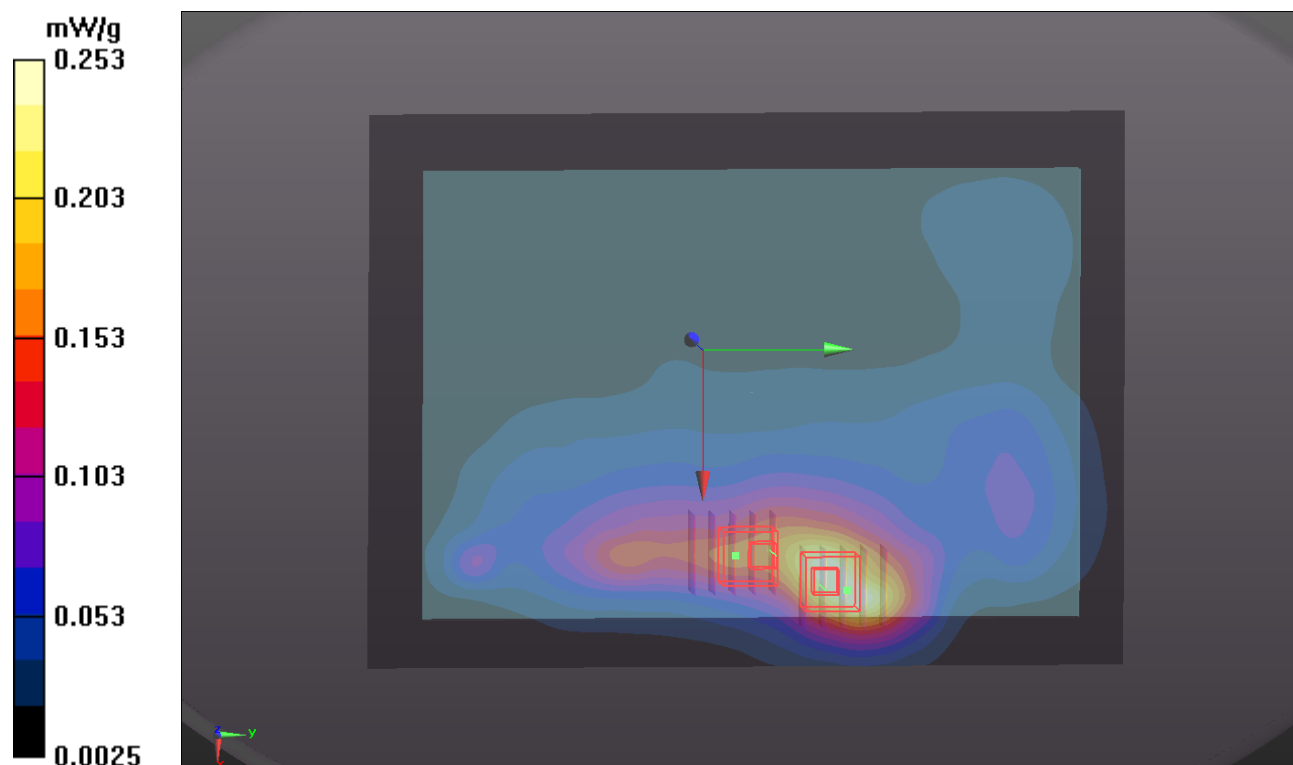
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.228 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.224 mW/g

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.089 mW/g

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



P26 GSM1900_GPRS12_Primary Portrait_0cm_Ch512_Sensor Off**DUT: 120427C12**

Communication System: GSM1900 GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B1900_0530 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch512/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.324 mW/g

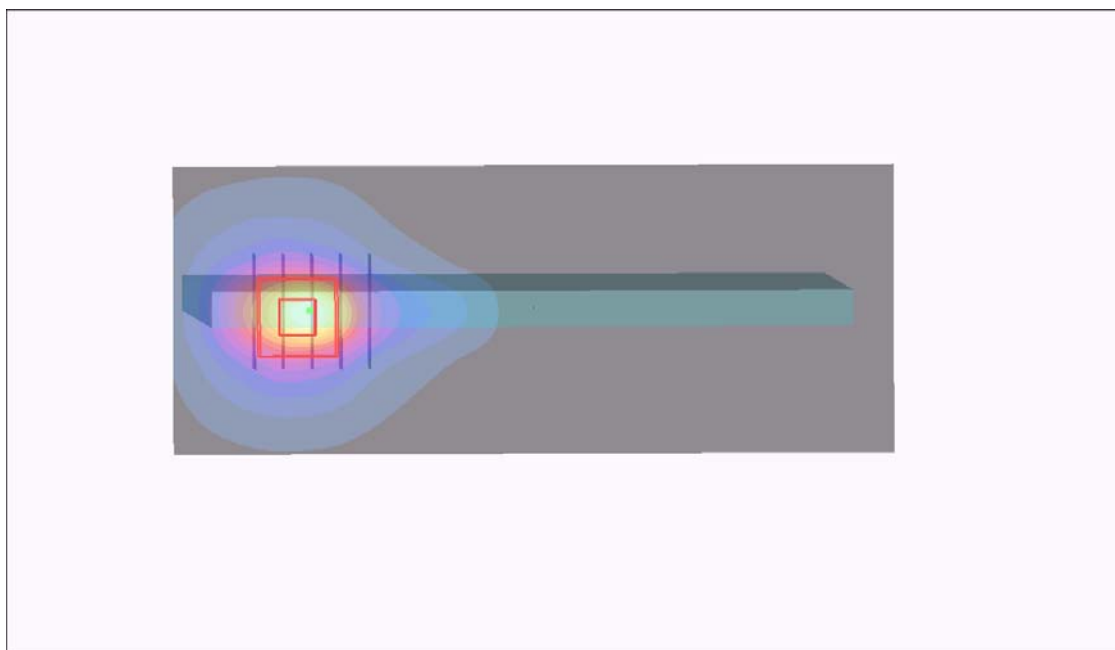
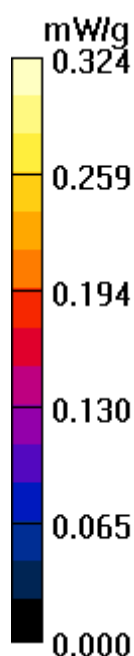
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.98 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



P27 GSM1900_GPRS12_Secondary Landscape_0.7cm_Ch512_Sensor Off**DUT: 120427C12**

Communication System: GSM1900 GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B1900_0530 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch512/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.436 mW/g

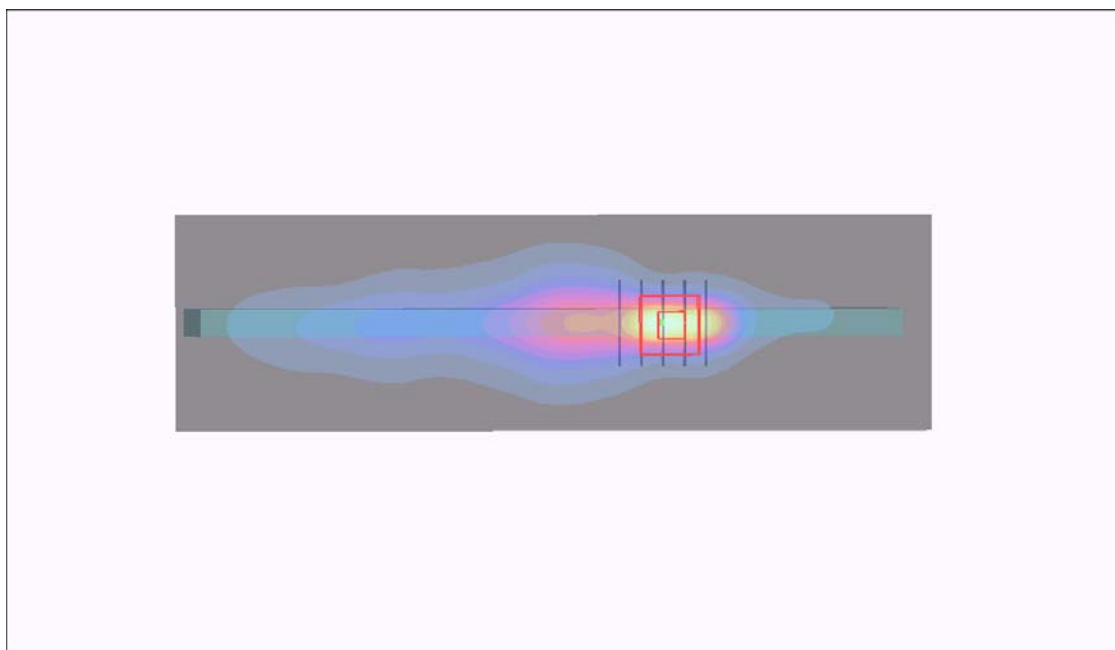
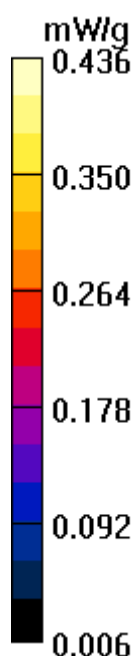
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.585 mW/g



P28 GSM1900_GPRS 12_Secondary Landscape_0cm_Ch512_Sensor Off_TopRight45**DUT: 120427C12**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: B1900_0620 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 54.846$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0577 mW/g

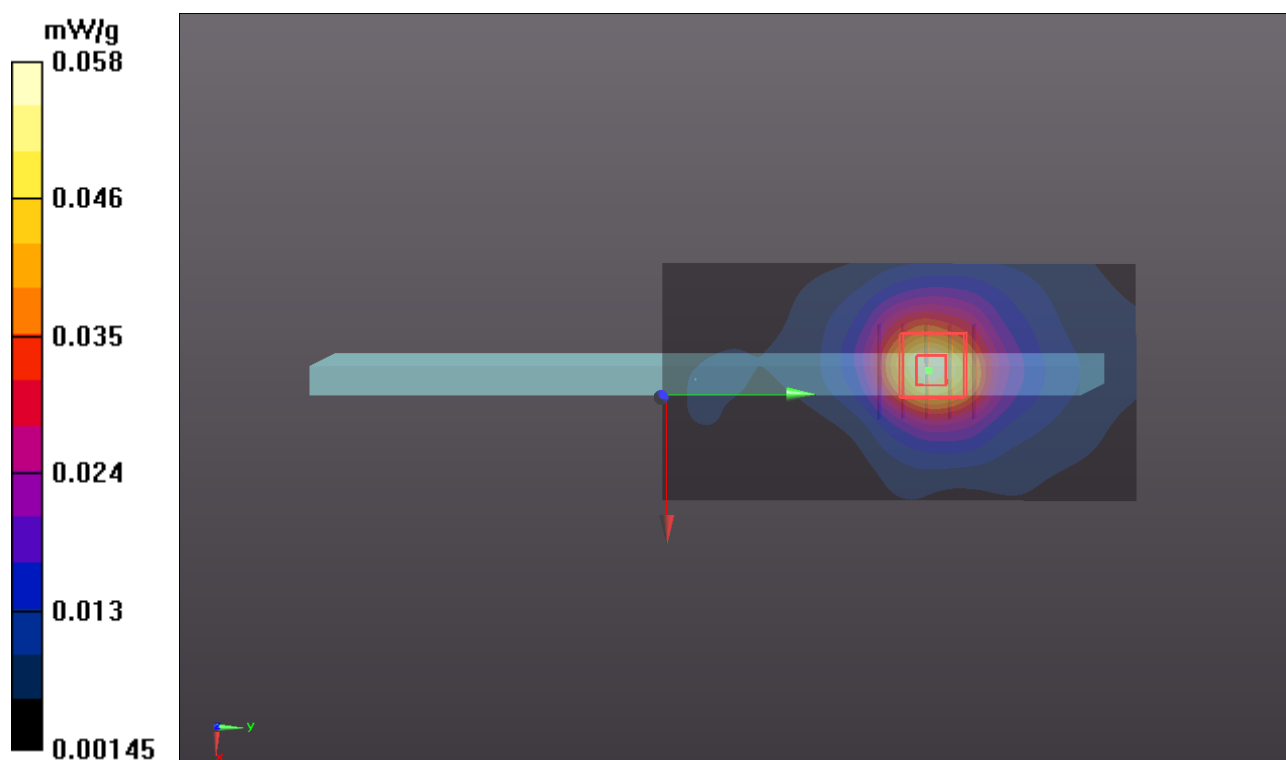
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.312 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.075 mW/g

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0614 mW/g



P29 GSM1900_GPRS 12_Secondary Landscape_0cm_Ch512_Sensor Off_TopLeft3**DUT: 120427C12**

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: B1900_0606 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 54.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x151x1): Measurement grid: dx=20mm, dy=20mm

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

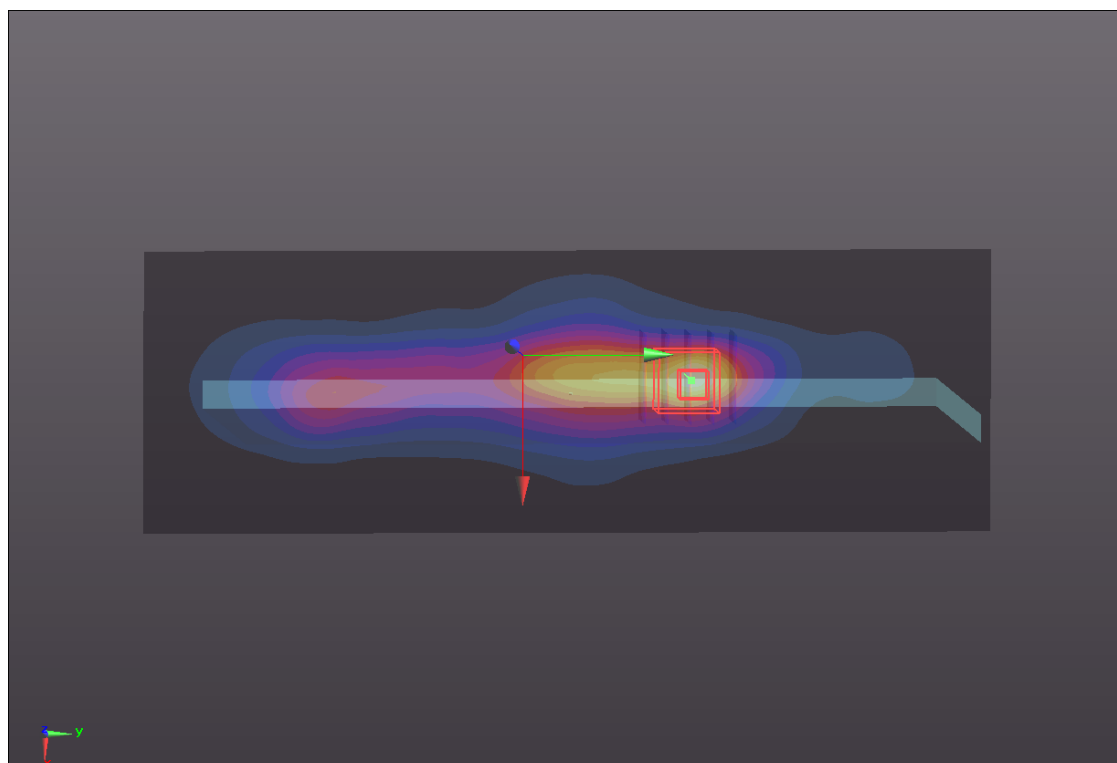
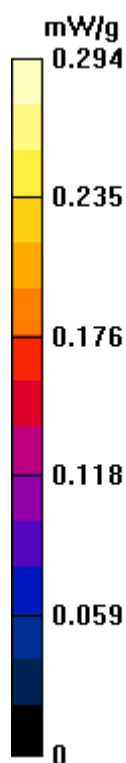
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.711 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.405 mW/g

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



P41 WCDMA V_RMC12.2k_Rear Face_0cm_Ch4132_Sensor On**DUT: 120427C12**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: B835_0531 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.20 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.080 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.616 mW/g

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 1.26 mW/g

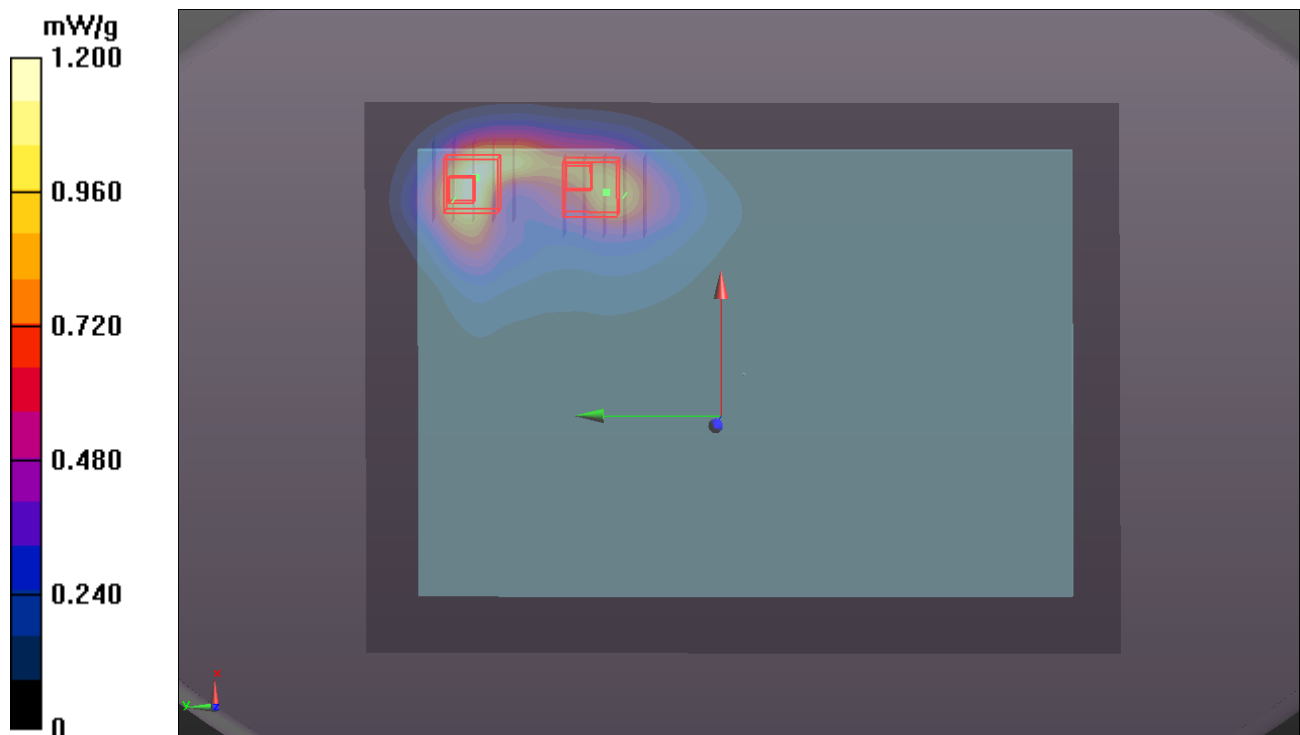
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.080 V/m; Power Drift = 0.06dB

Peak SAR (extrapolated) = 1.377 mW/g

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



P42 WCDMA V_RMC12.2k_Secondary Landscape_0cm_Ch4132_Sensor On**DUT: 120427C12**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: B835_0531 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.858$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (41x151x1): Measurement grid: dx=20mm, dy=20mm

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

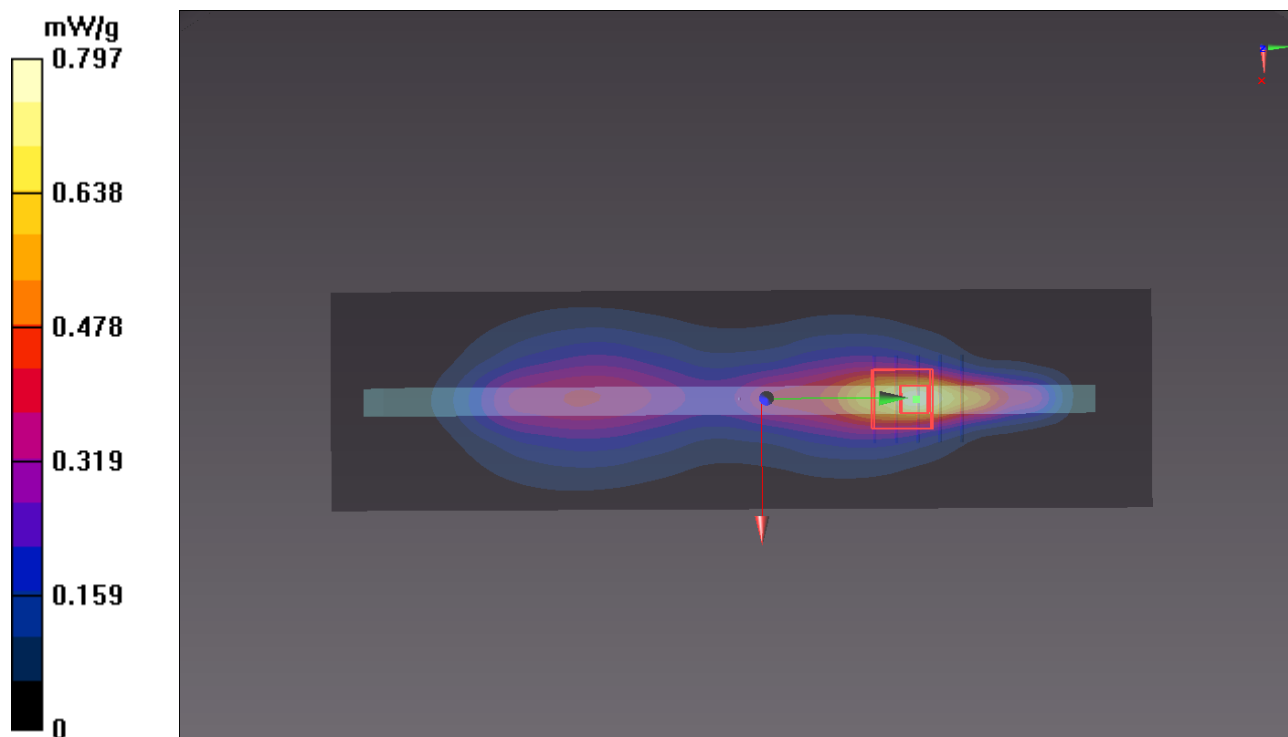
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.335 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.990 mW/g

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.773 mW/g



P43 WCDMA V_RMC12.2k_Rear Face_0cm_Ch4182_Sensor On**DUT: 120427C12**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0531 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.751$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (111x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.45 mW/g

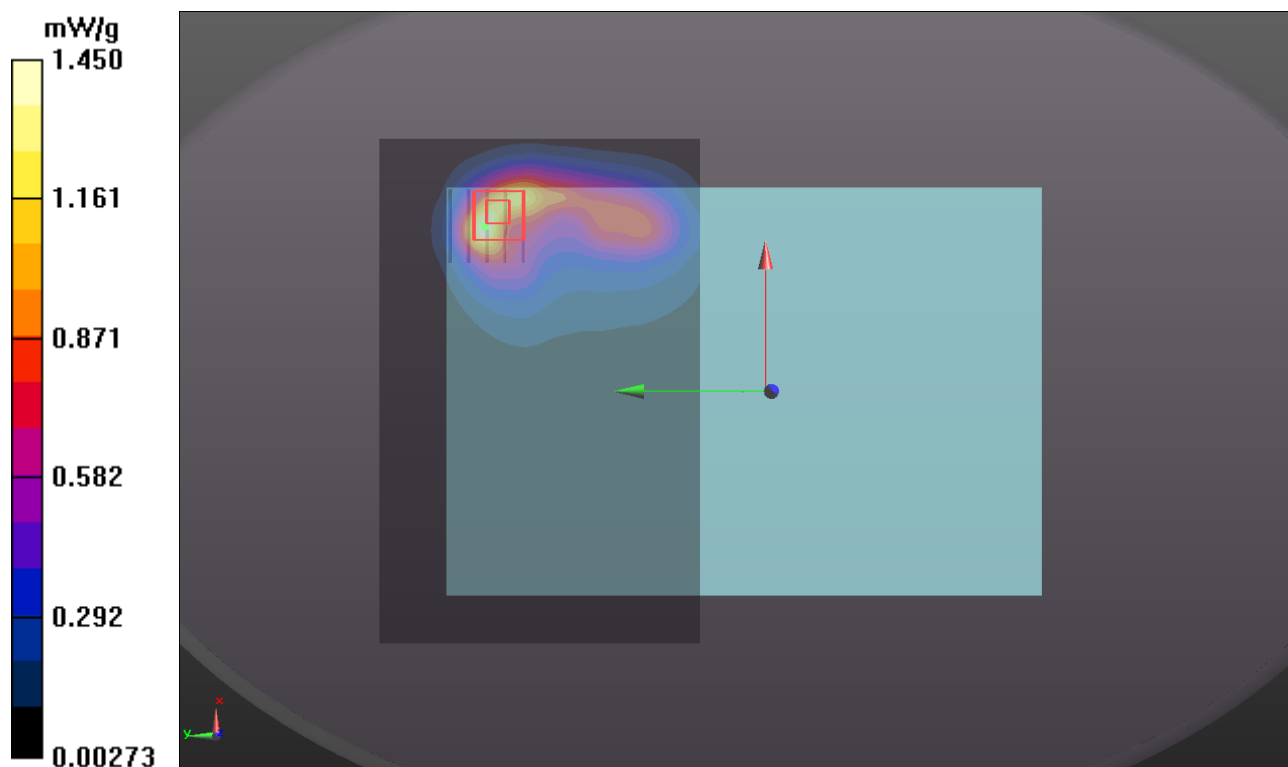
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.984 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.946 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.629 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



P44 WCDMA V_RMC12.2k_Rear Face_0cm_Ch4233_Sensor On**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0531 Medium parameters used: $f = 847$ MHz; $\sigma = 1.002$ mho/m; $\epsilon_r = 55.621$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (111x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.52 mW/g

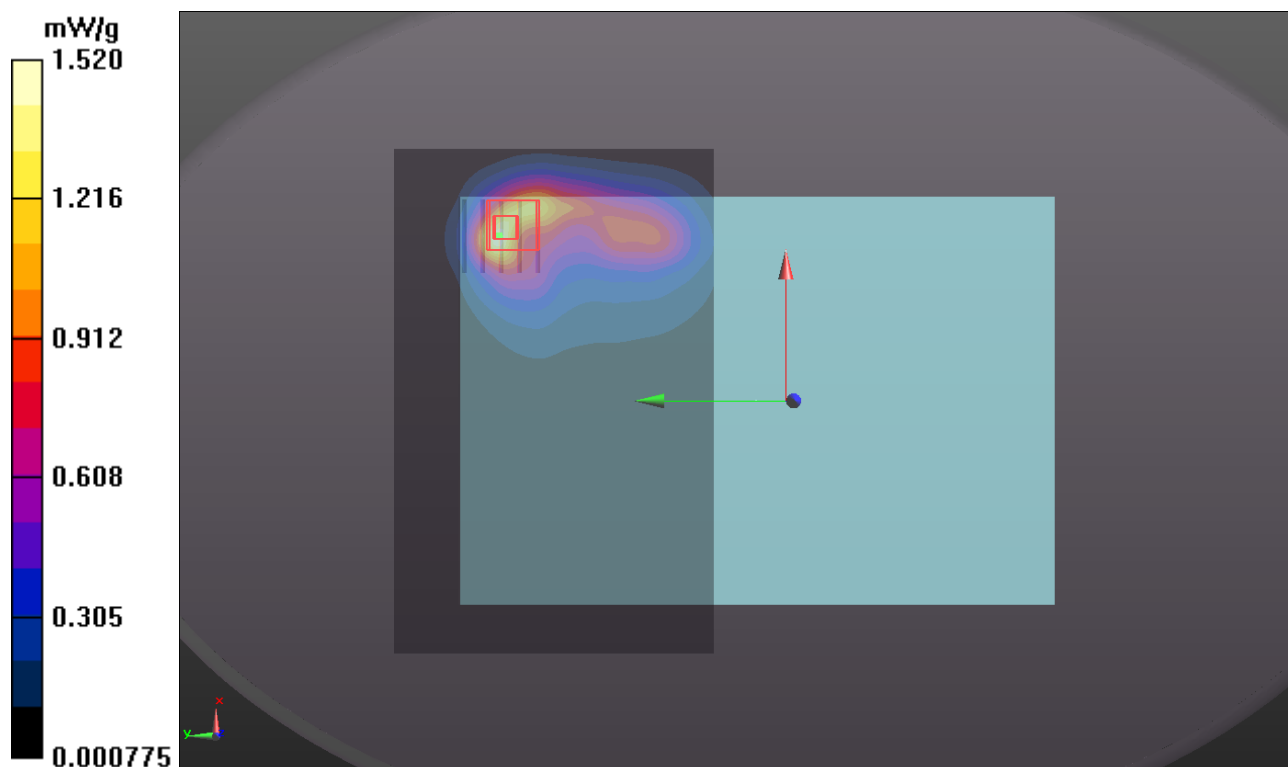
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.905 V/m; Power Drift = 0.11 dB

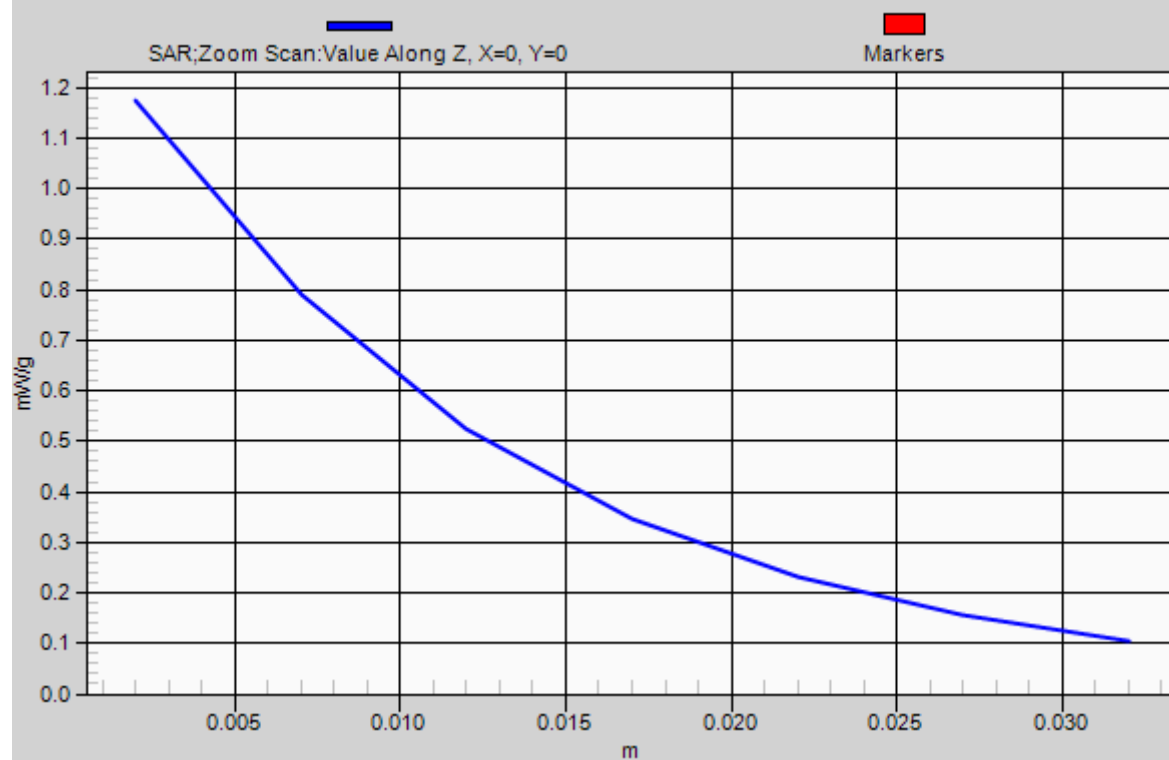
Peak SAR (extrapolated) = 1.958 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



1g/10g Averaged SAR



P45 WCDMA V_RMC12.2k_Rear Face_0.7cm_Ch4233_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0605 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 56.981$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.743 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.186 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.896 mW/g

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.722 mW/g

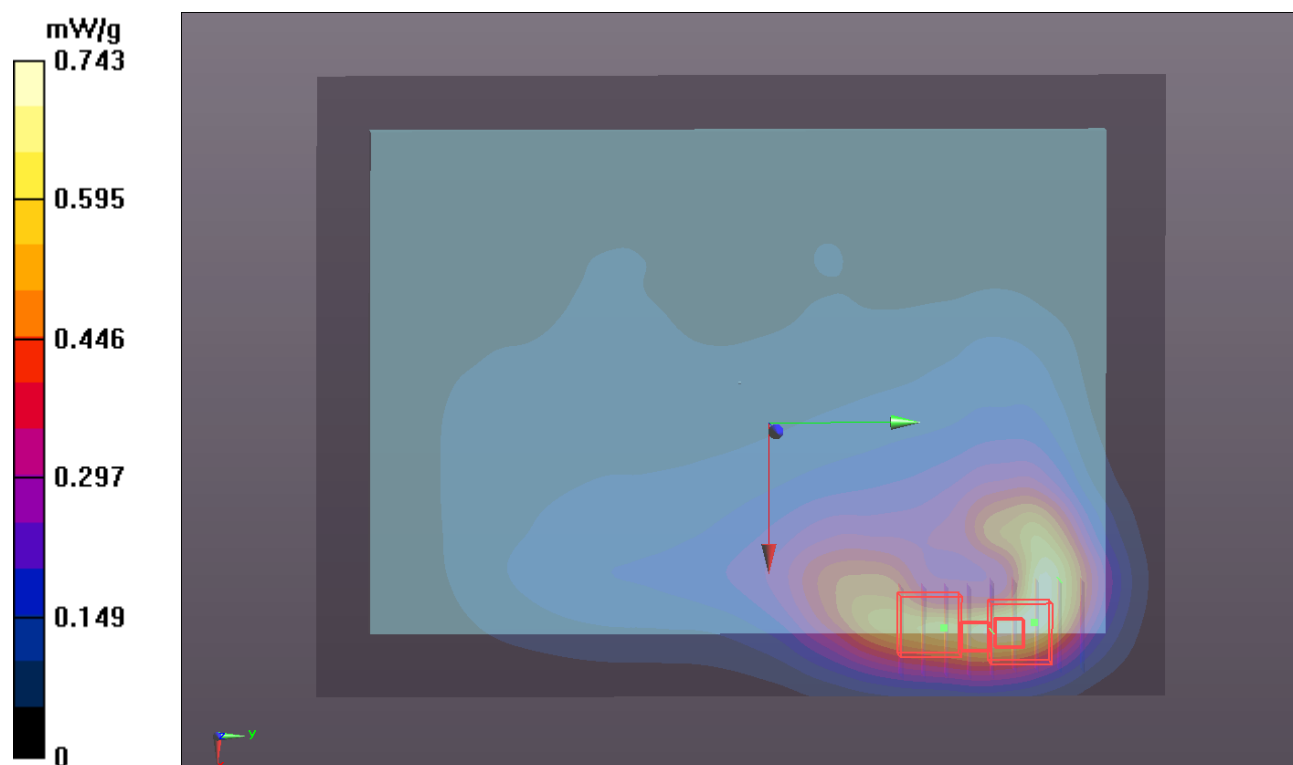
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.186 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.793 mW/g

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.681 mW/g



P46 WCDMA V_RMC12.2K_Rear Face_0cm_Ch4233_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0620 Medium parameters used: $f = 847$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 55.161$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.438 mW/g

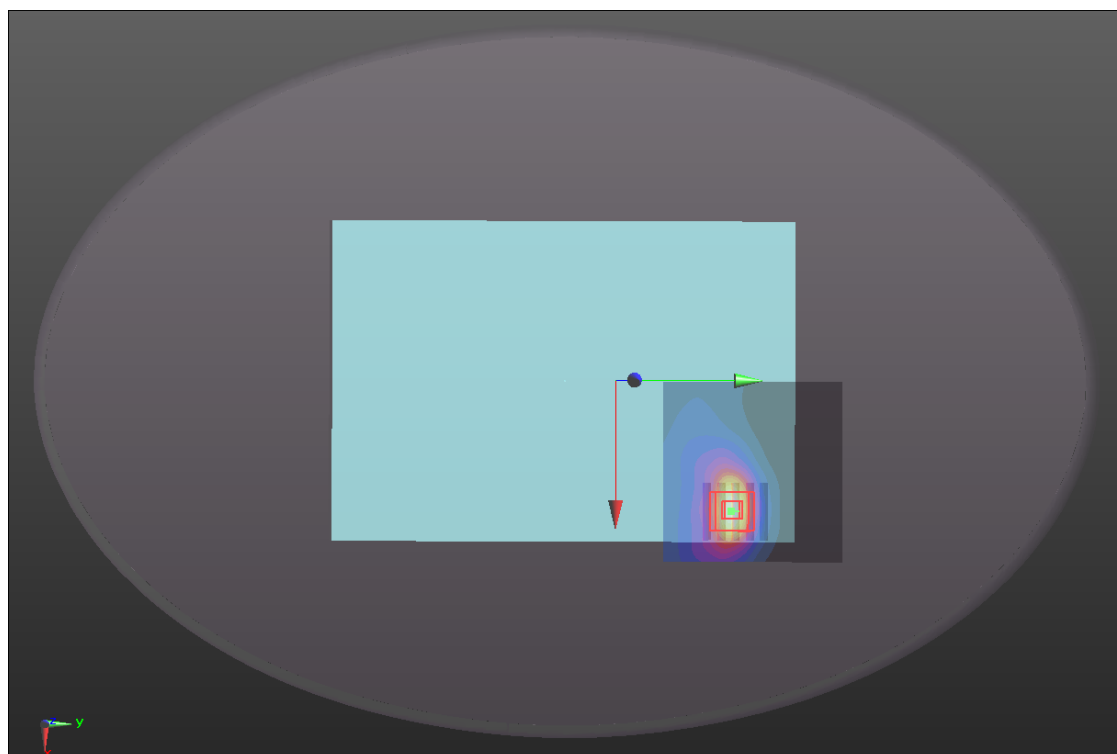
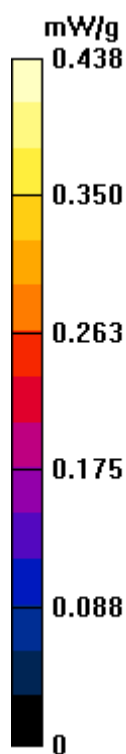
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.383 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.509 mW/g

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



P47 WCDMA V_RMC12.2k_Rear Face_0cm_Ch4233_Sensor Off_TopLeftRear5**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0605 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 56.981$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.470 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.030 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.567 mW/g

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.277 mW/g

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

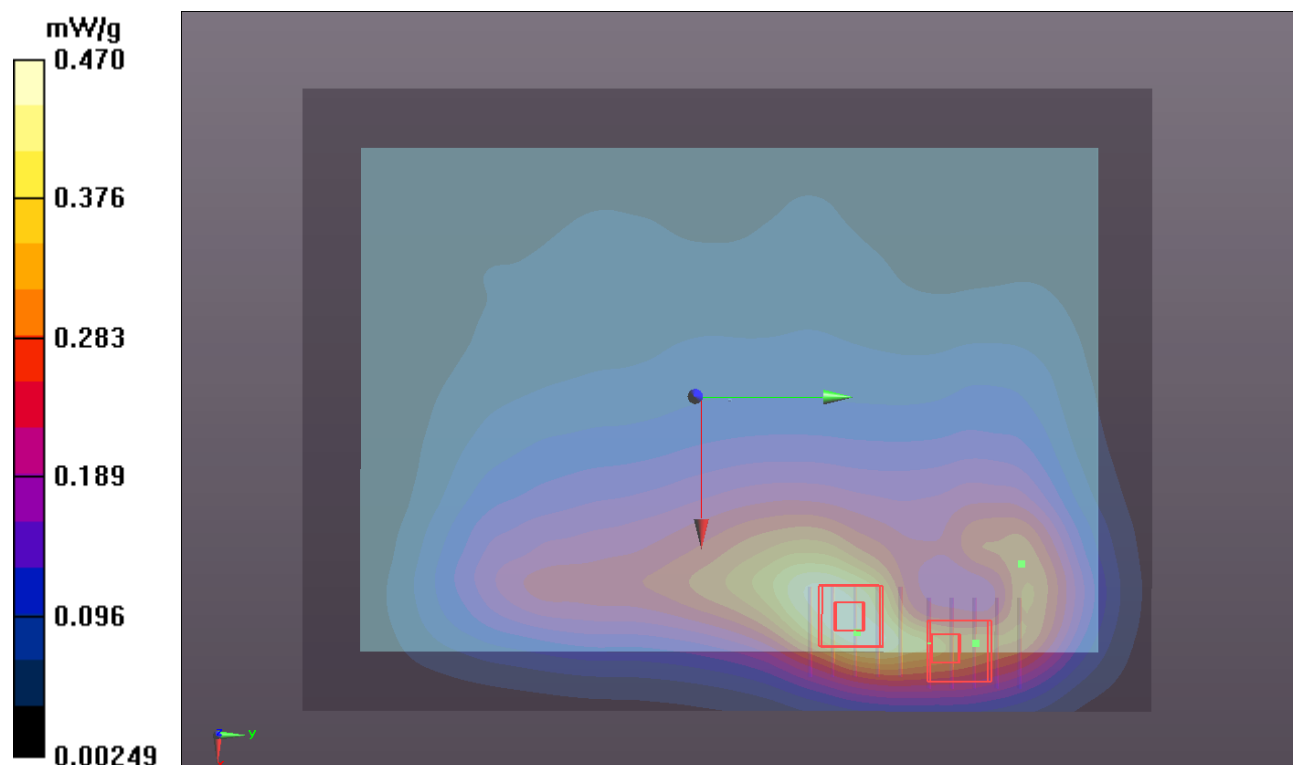
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.030 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.410 mW/g

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.367 mW/g



P48 WCDMA V_RMC12.2K_Primary Portrait_0cm_Ch4233_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0605 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 56.981$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.238 mW/g

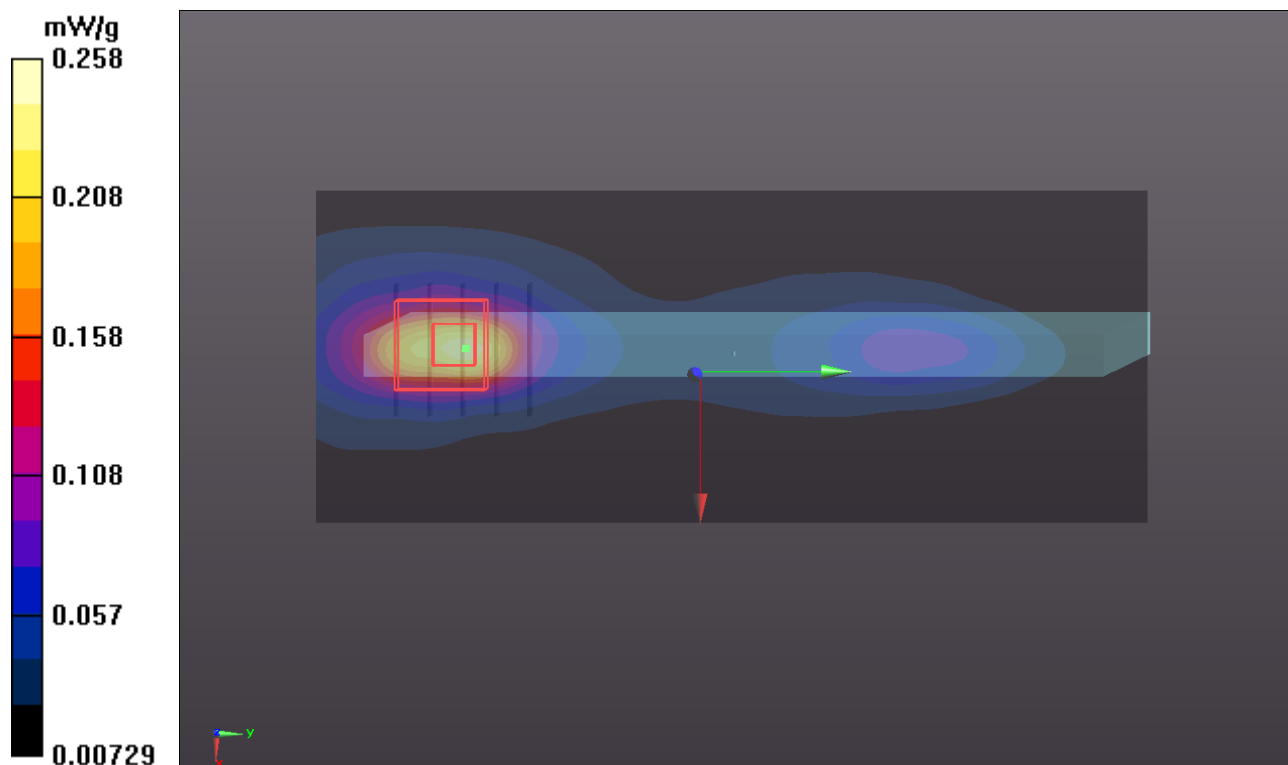
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.855 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.323 mW/g

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.097 mW/g

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



P49 WCDMA V_RMC12.2K_Secondary Landscape_0.7cm_Ch4233_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0605 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 56.981$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

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

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.649 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.510 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.451 mW/g

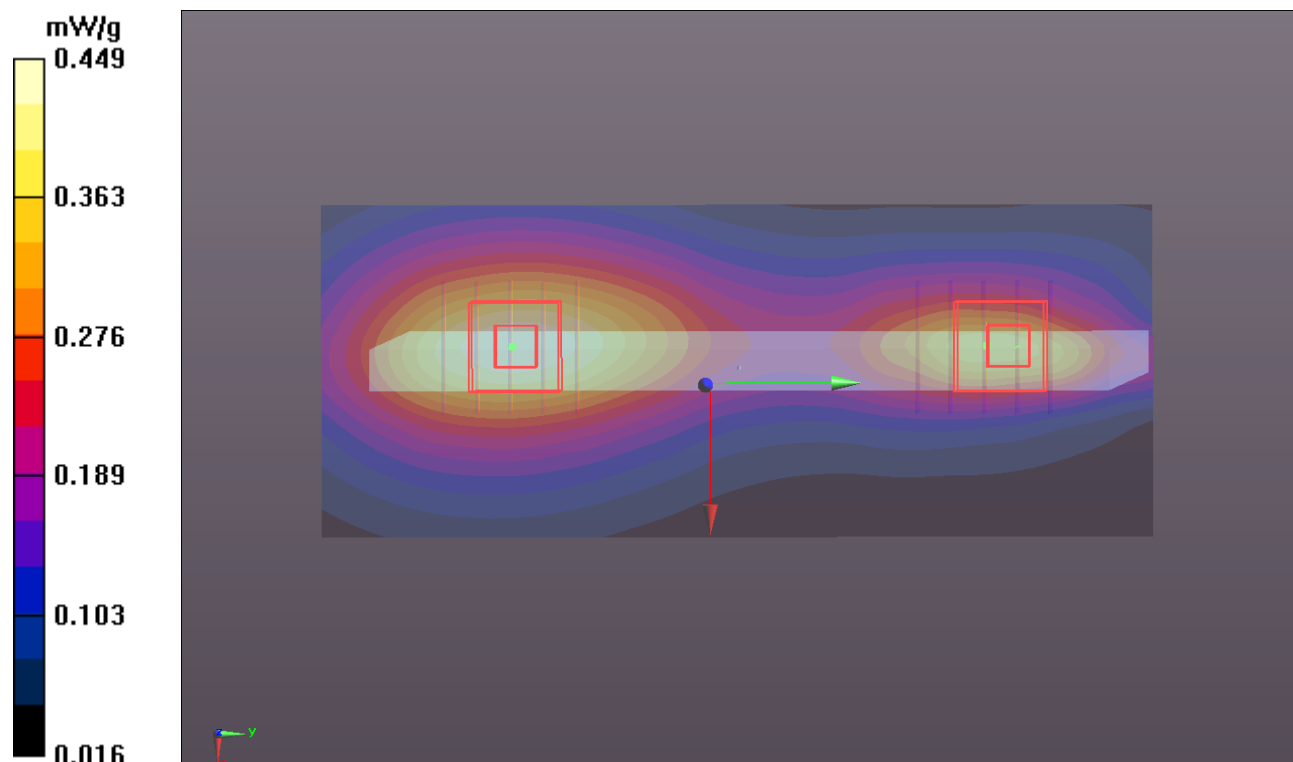
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.649 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.456 mW/g

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



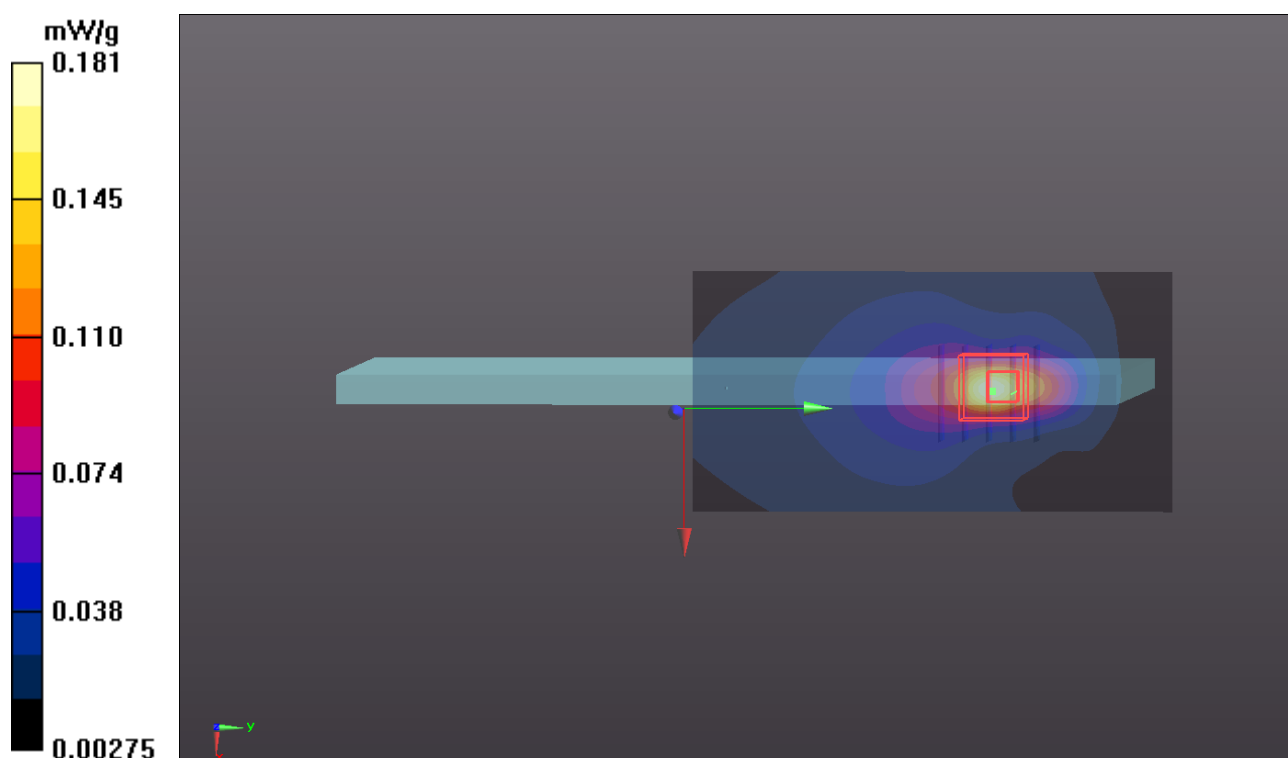
**P50 WCDMA V_RMC12.2K_Secondary Landscape_0cm_Ch4233_Sensor
Off_TopRight45****DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0620 Medium parameters used: $f = 847$ MHz; $\sigma = 1.003$ mho/m; $\epsilon_r = 55.161$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.0°C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.181 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.405 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.253 mW/g **SAR(1 g) = 0.141 mW/g ; SAR(10 g) = 0.078 mW/g** Maximum value of SAR (measured) = 0.193 mW/g 

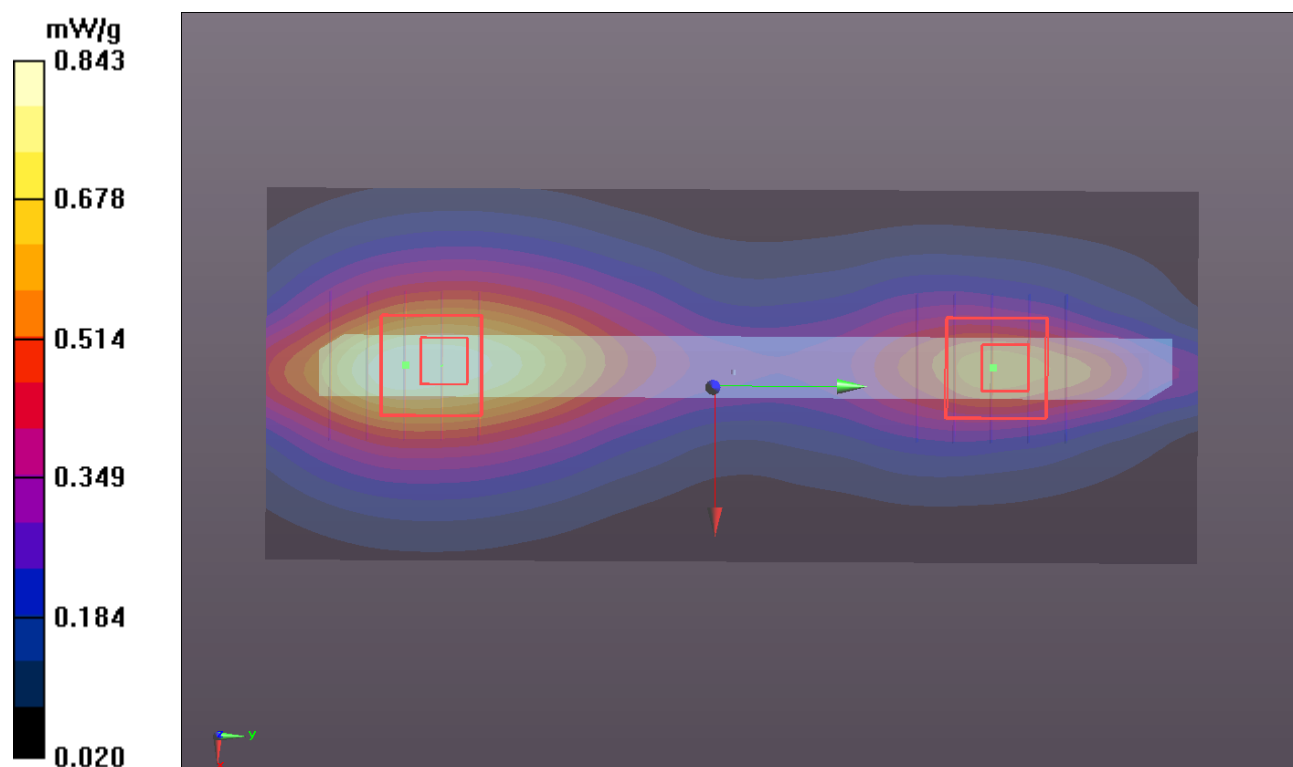
**P51 WCDMA V_RMC12.2K_Secondary Landscape_0cm_Ch4233_Sensor
Off_TopLeft3****DUT: 120427C12**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: B835_0605 Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 56.981$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 21.6°C ; Liquid Temperature : 20.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4233/Area Scan (41x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.843 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 18.079 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.906 mW/g **SAR(1 g) = 0.639 mW/g ; SAR(10 g) = 0.433 mW/g** Maximum value of SAR (measured) = 0.792 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 18.079 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.718 mW/g **SAR(1 g) = 0.472 mW/g ; SAR(10 g) = 0.303 mW/g** Maximum value of SAR (measured) = 0.606 mW/g 

P61 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9400_Sensor On**DUT: 120427C12**

Communication System: WCDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch9400/Area Scan (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.59 mW/g

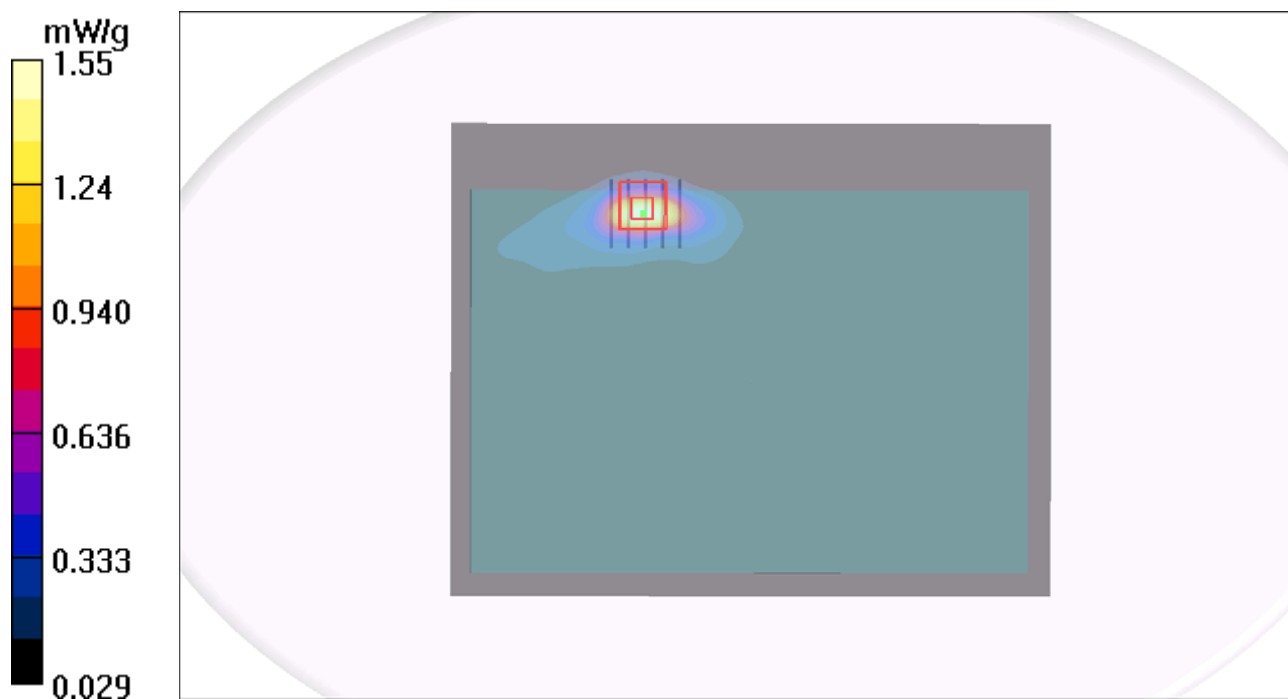
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.40 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



P62 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Sensor On**DUT: 120427C12**

Communication System: WCDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch9400/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

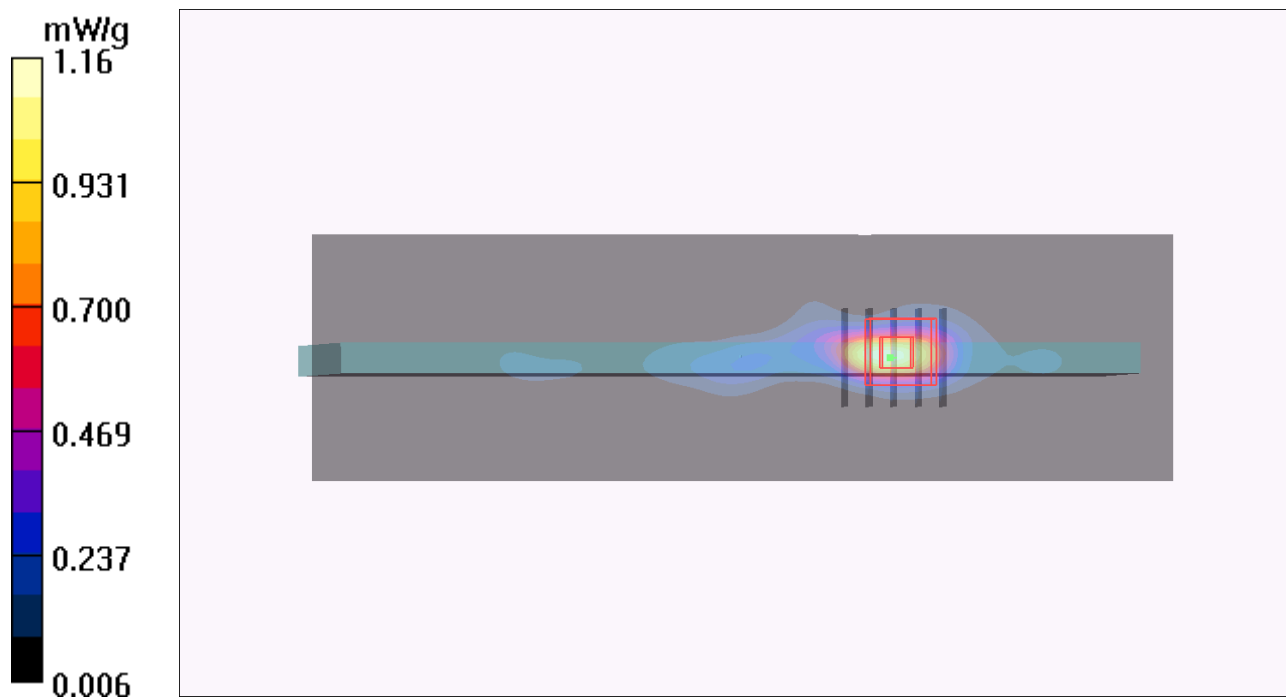
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



P63 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9262_Sensor On**DUT: 120427C12**

Communication System: WCDMA II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900_0530 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch9262/Area Scan (111x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.26 mW/g

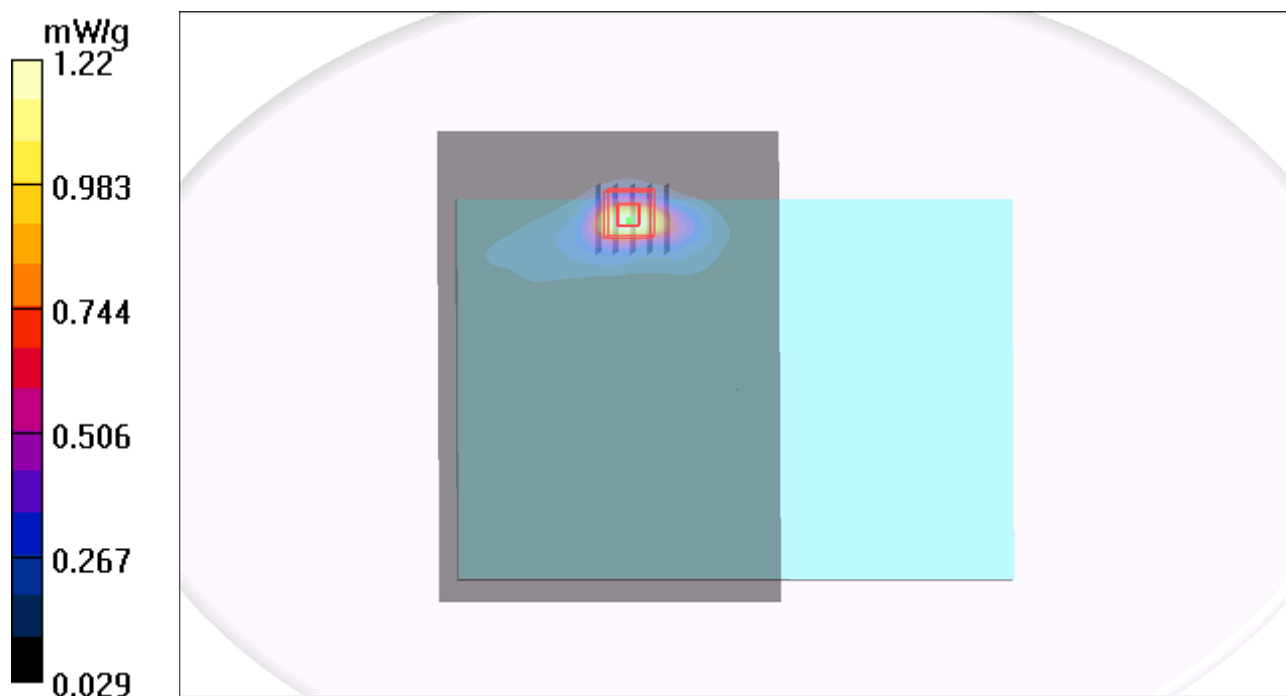
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.49 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



P64 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9538_Sensor On**DUT: 120427C12**

Communication System: WCDMA II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0530 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m^3

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch9538/Area Scan (111x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.20 mW/g

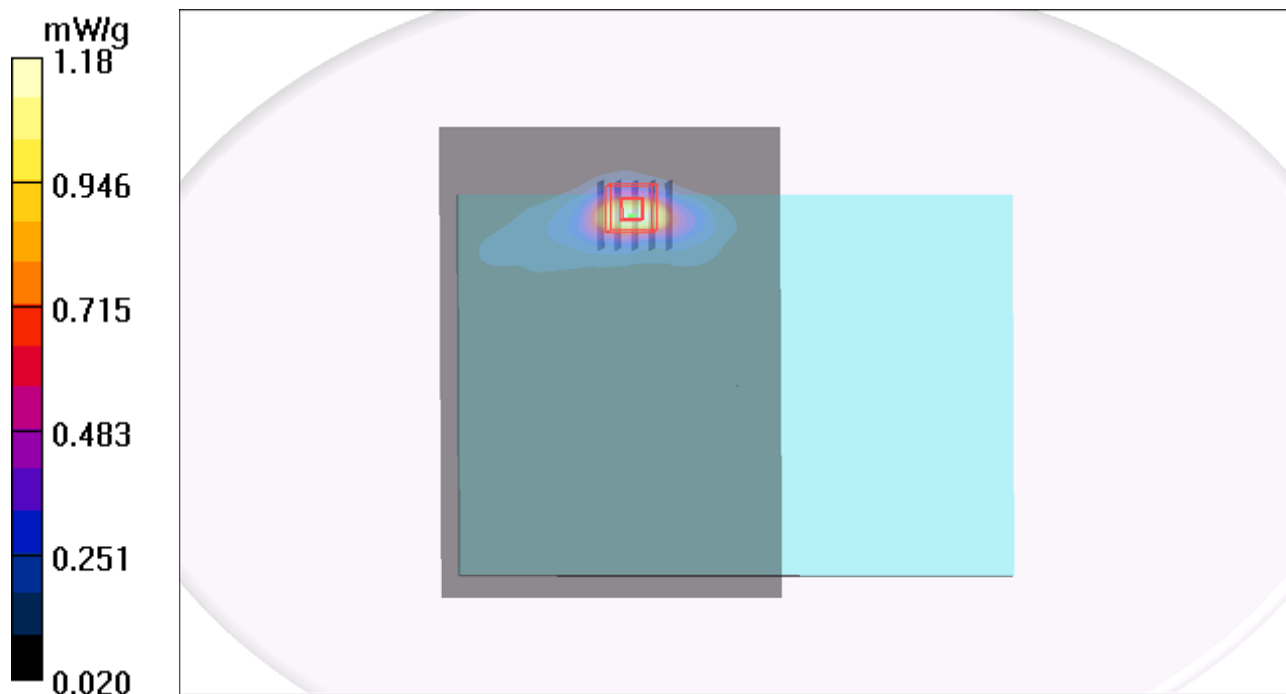
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.67 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.442 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



P65 WCDMA II_RMC12.2k_Rear Face_0.7cm_Ch9400_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

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

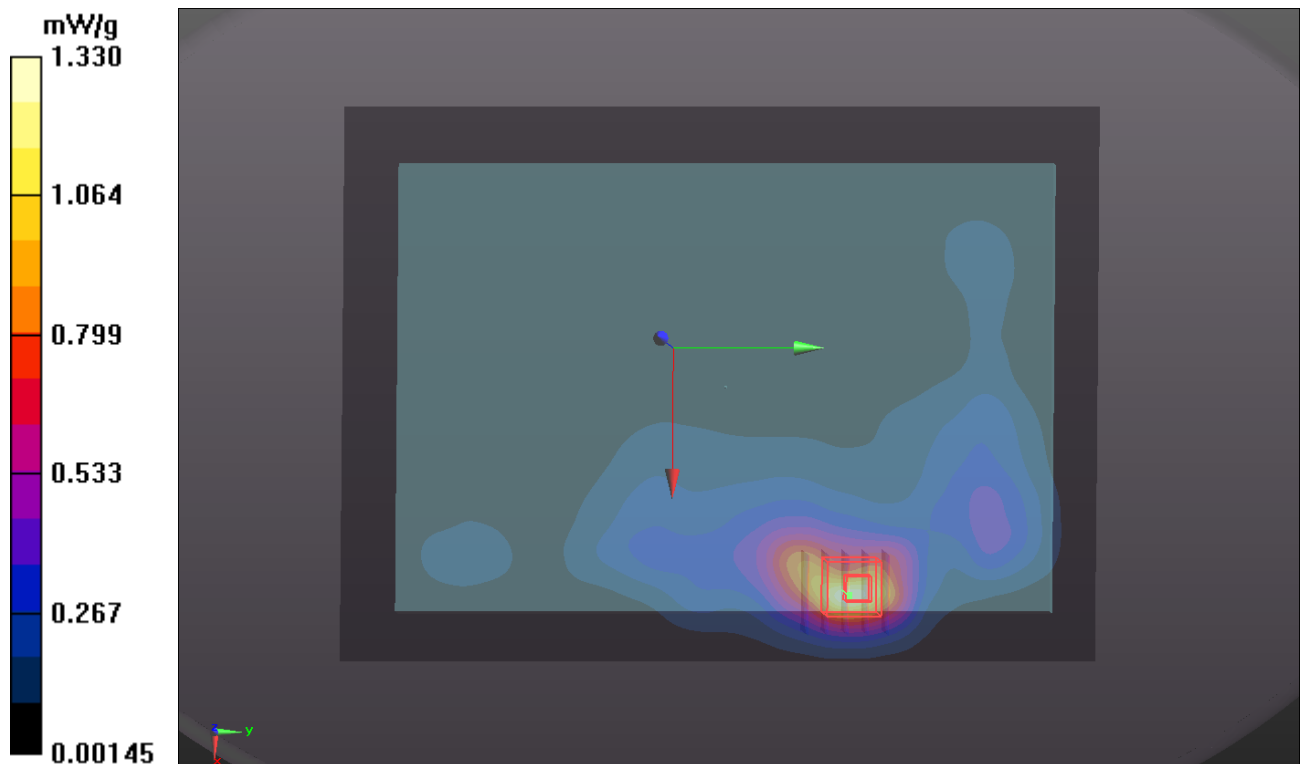
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

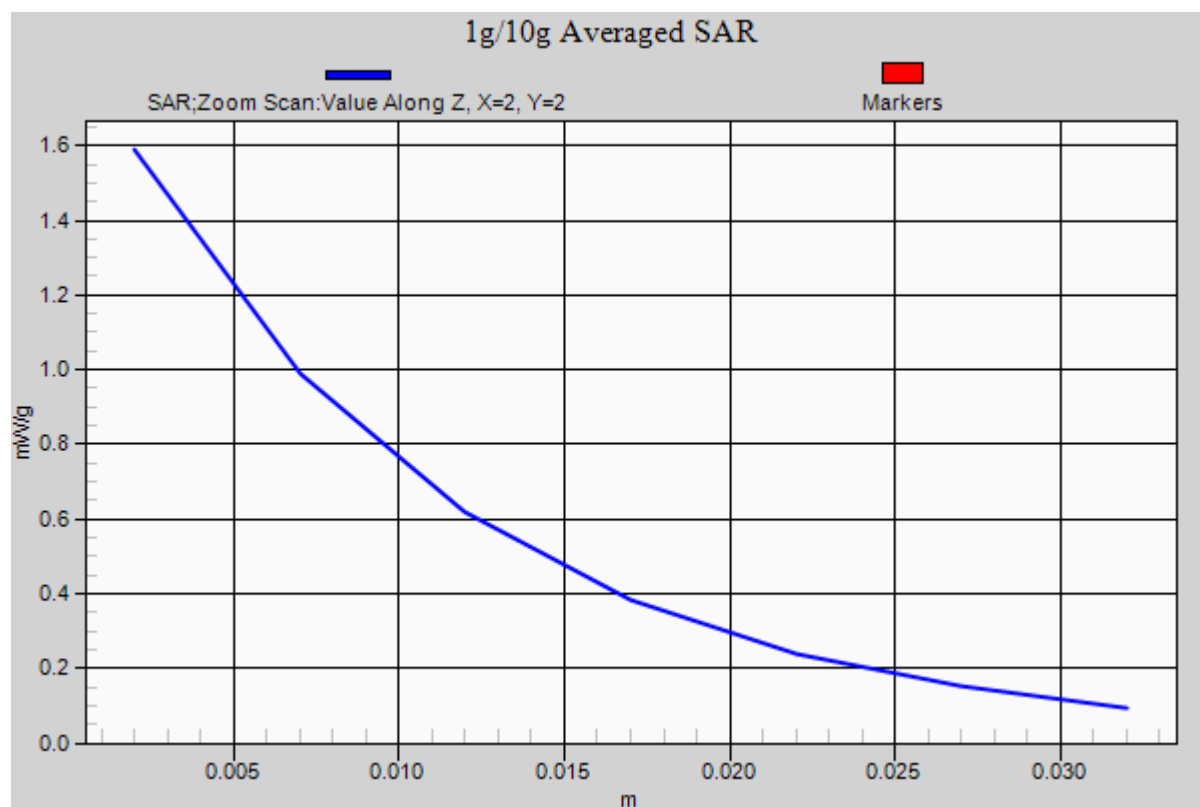
Reference Value = 5.874 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.040 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.660 mW/g

Maximum value of SAR (measured) = 1.59 mW/g





P66 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9400_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0620 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r = 54.725$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (111x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.658 mW/g

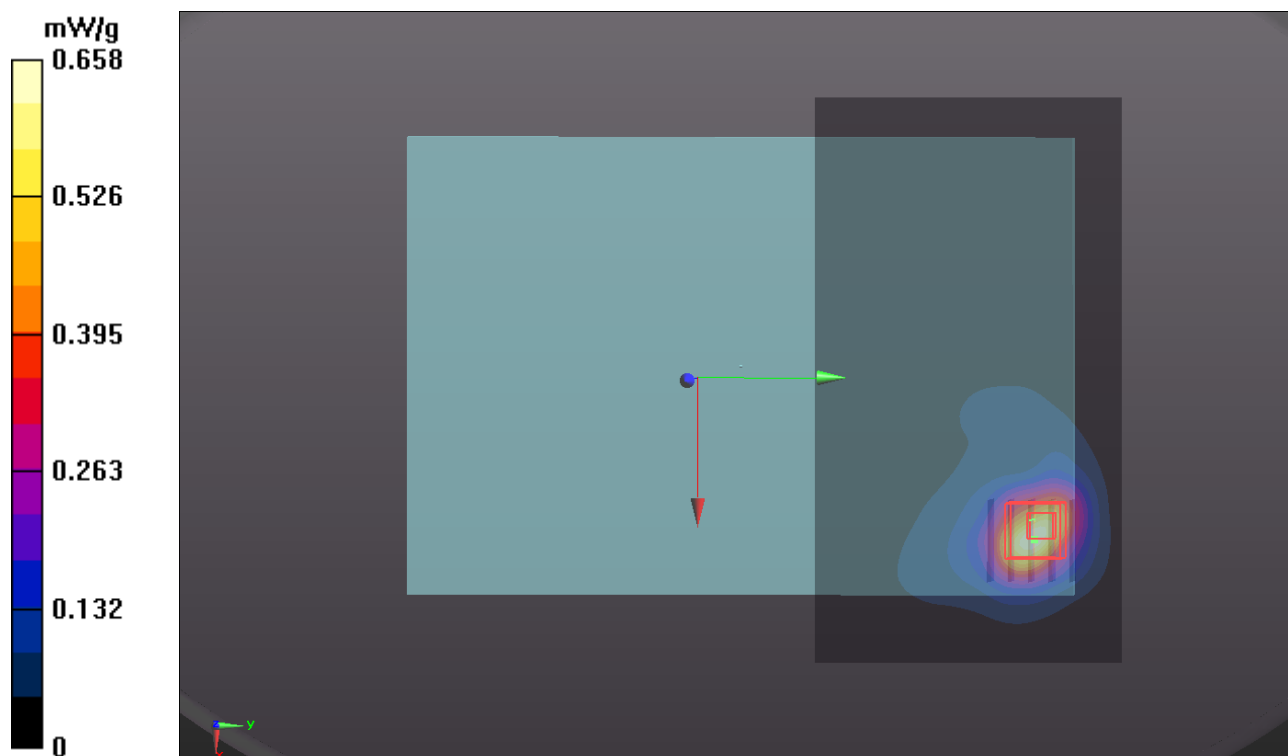
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.753 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.631 mW/g

SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



P67 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9400_Sensor Off_TopLeftRear5**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.827$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.852 mW/g

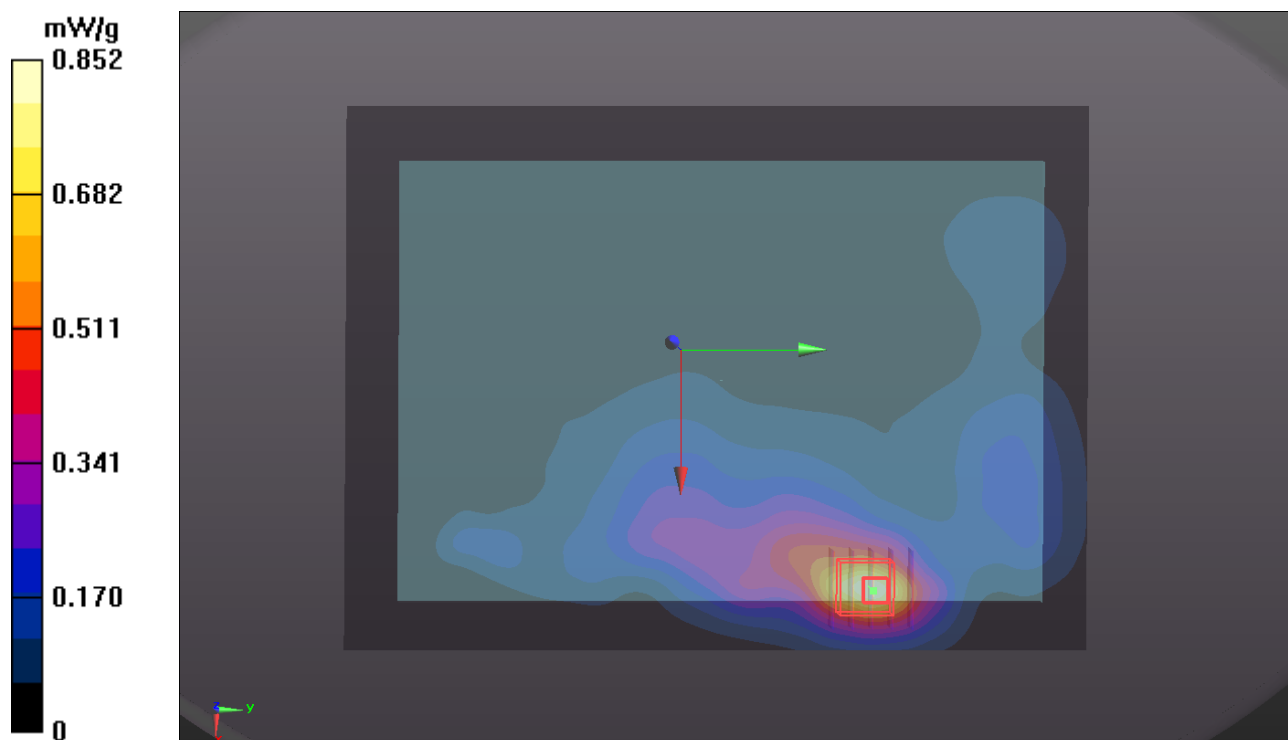
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.492 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.018 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.835 mW/g



P68 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9262_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900_0620 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.839$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.07 mW/g

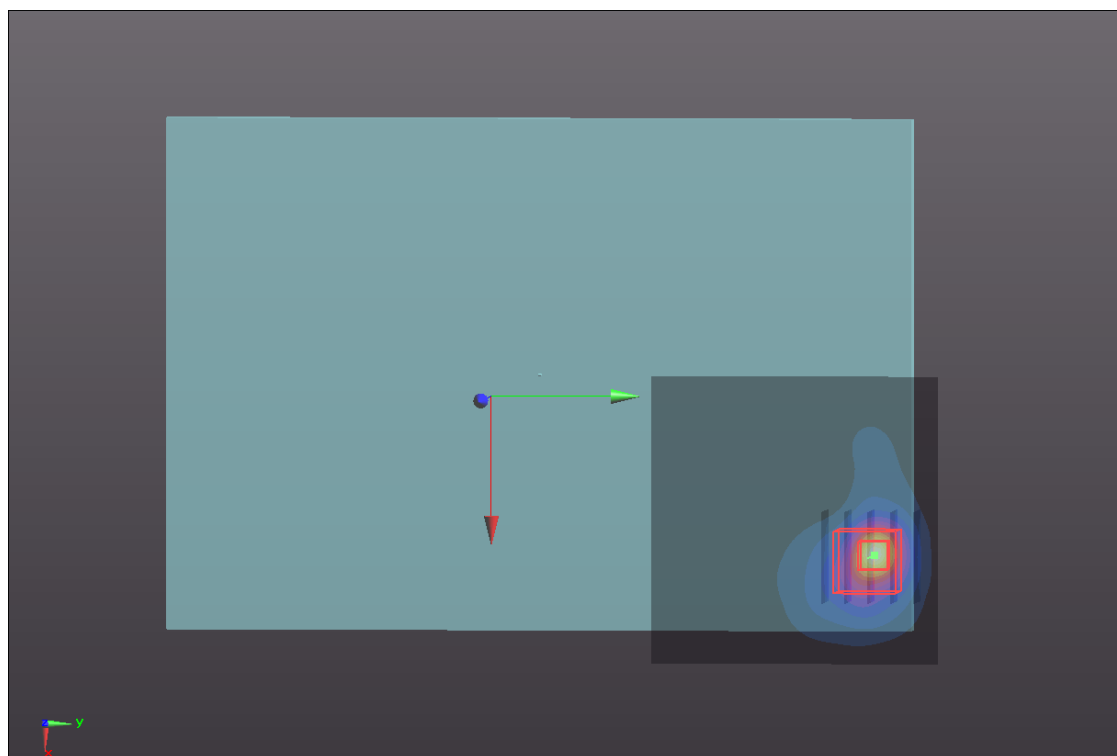
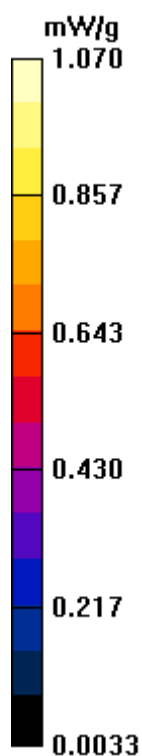
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.804 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.265 mW/g

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



P69 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9538_Sensor Off_TopRightRear45**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0620 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 54.675$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.914 mW/g

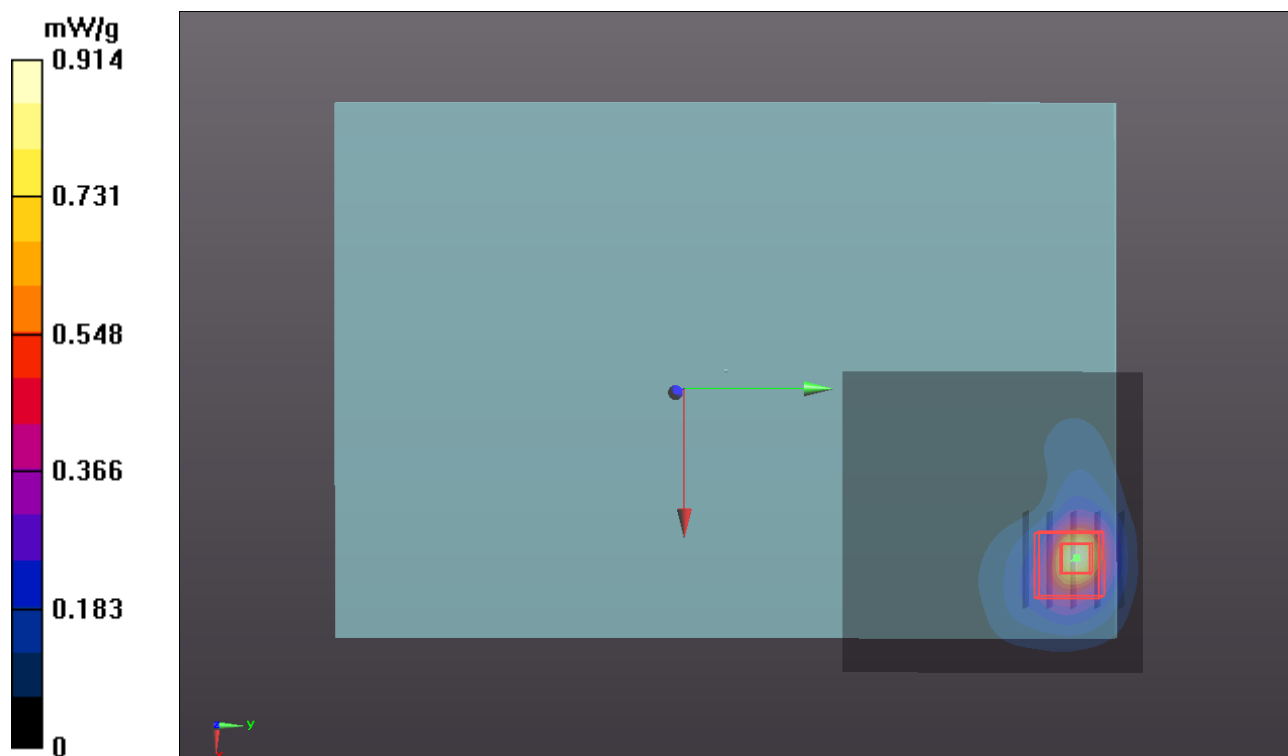
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.443 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.149 mW/g

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.275 mW/g

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



P70 WCDMA II_Primary Portrait_0cm_Ch9400_Sensor Off**DUT: 120427C12**

Communication System: WCDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0530 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); 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

Ch9400/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.818 mW/g

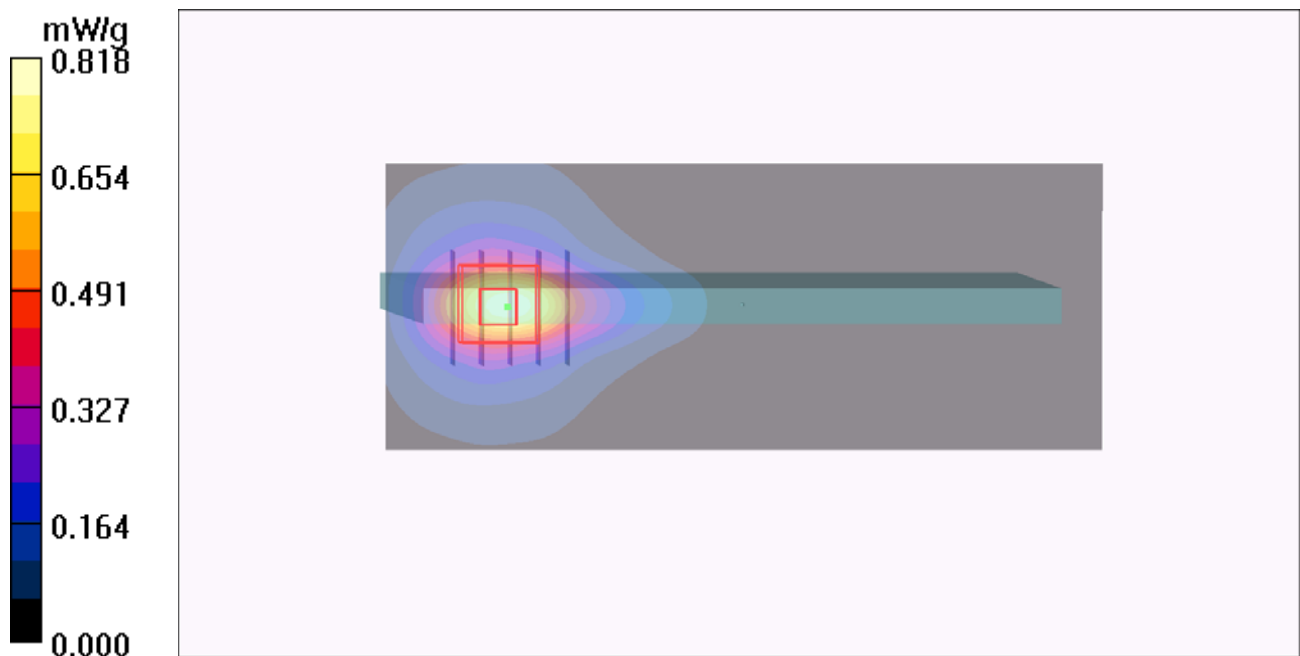
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.16 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.889 mW/g



P71 WCDMA II_RMC12.2K_Secondary Landscape_0.7cm_Ch9400_Sensor Off

DUT: 120427C12

Communication System: WCDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.007$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

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

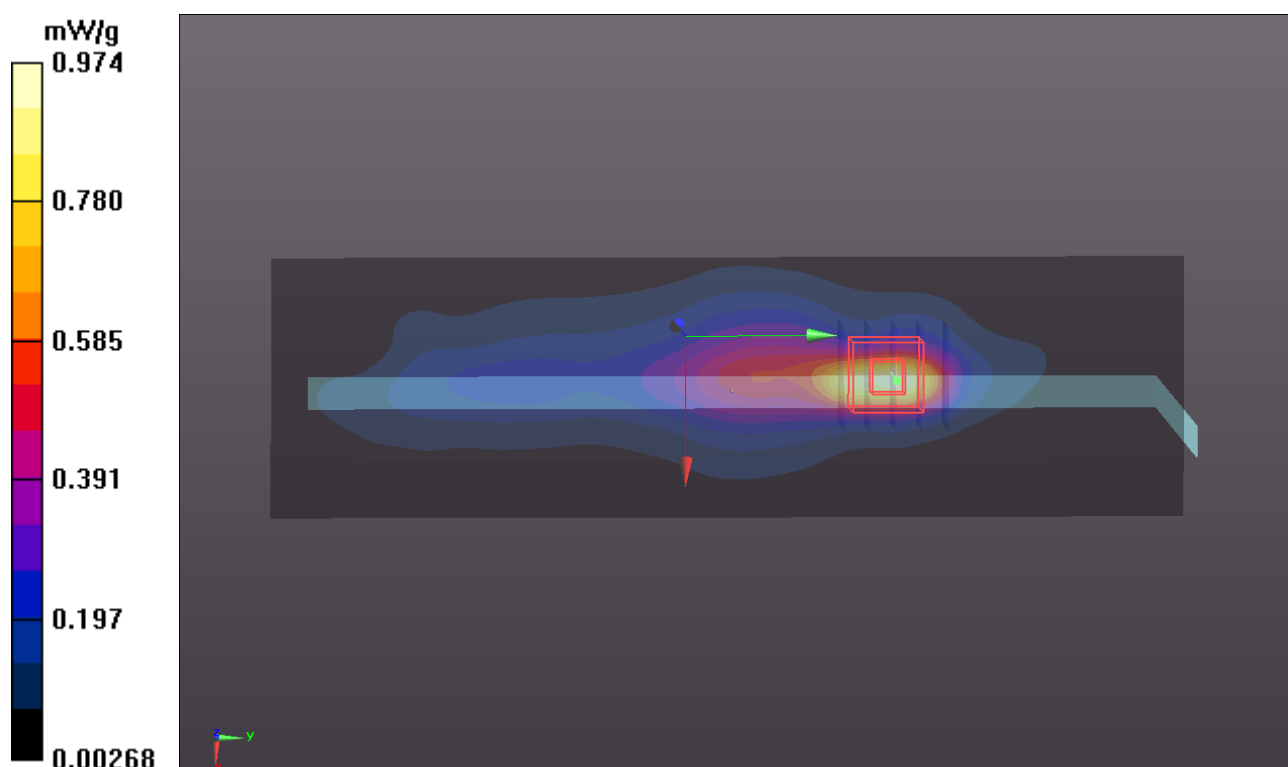
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.521 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 1.406 mW/g

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



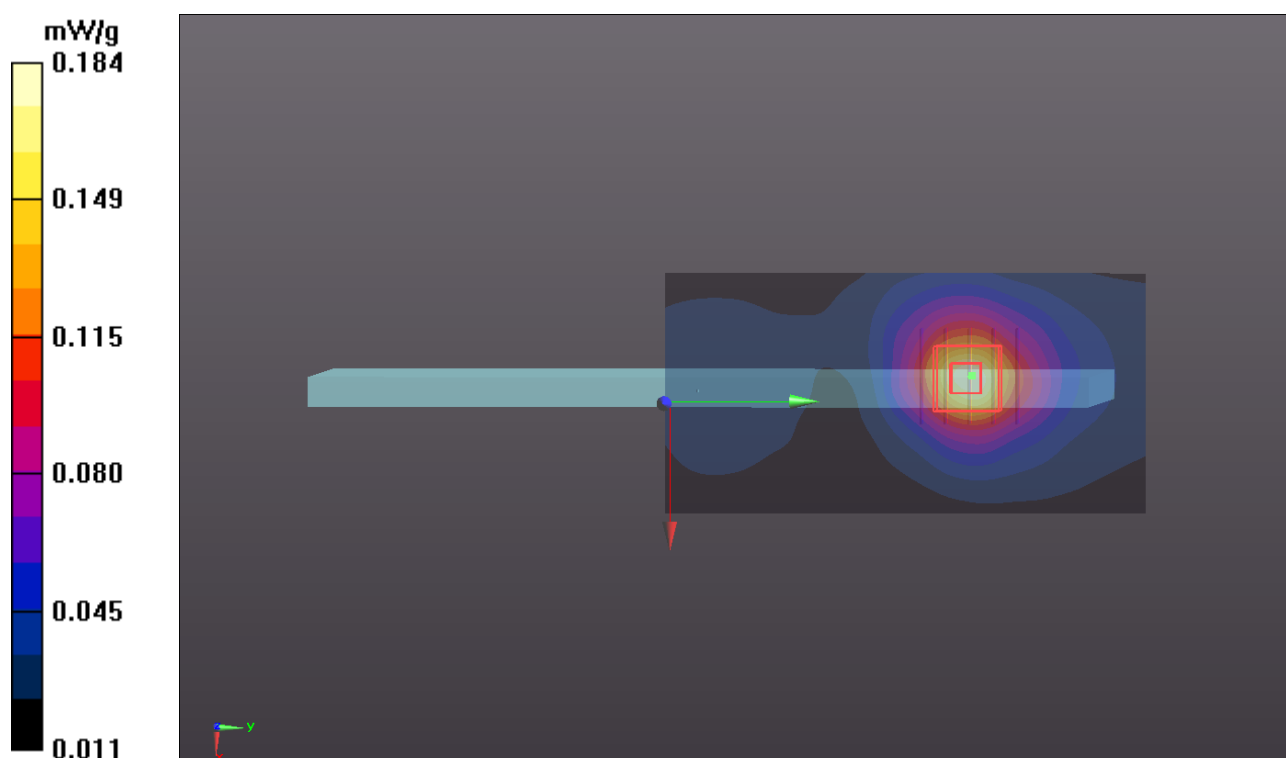
**P72 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Sensor
Off_TopRight45****DUT: 120427C12**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0620 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r = 54.725$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.184 mW/g **Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.685 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.209 mW/g **SAR(1 g) = 0.128 mW/g ; SAR(10 g) = 0.076 mW/g** Maximum value of SAR (measured) = 0.168 mW/g 

**P73 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_Sensor
Off_TopLeft3****DUT: 120427C12**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_0531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.827$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.870 mW/g

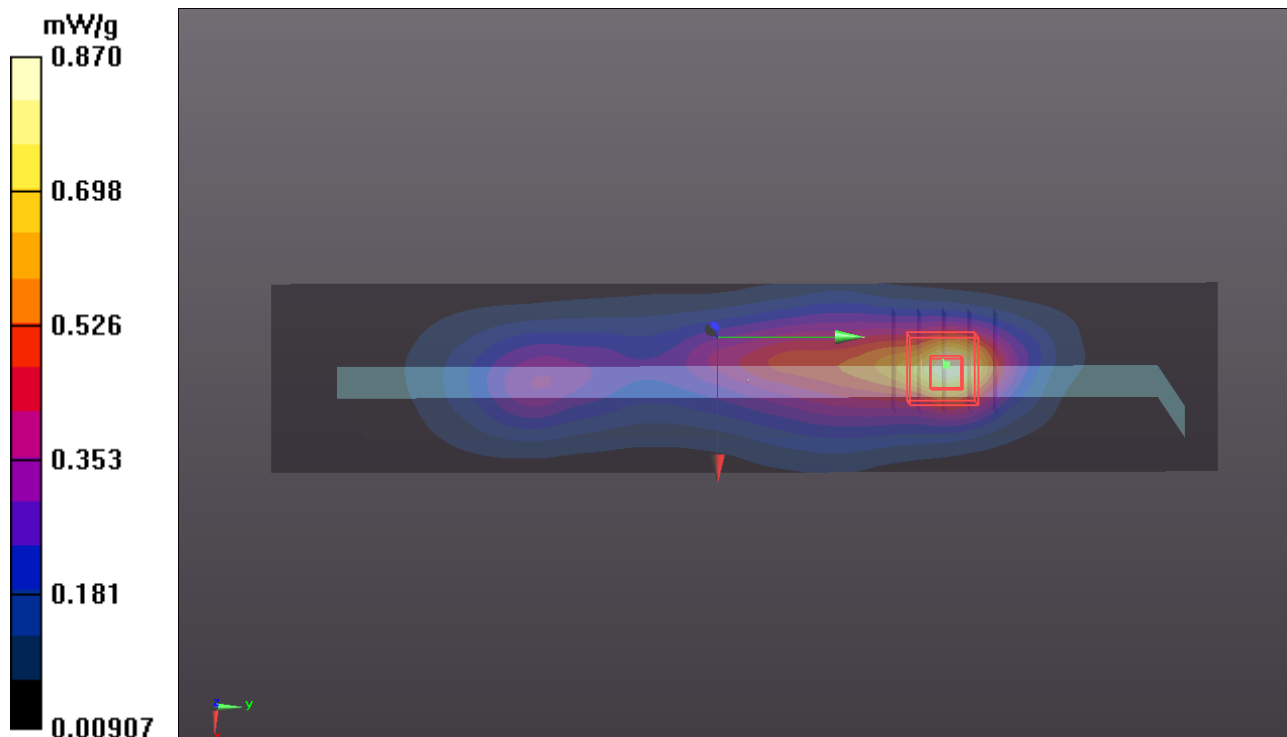
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.228 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.435 mW/g

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



P74 WCDMA II_RMC12.2k_Rear Face_0.7cm_Ch9262_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.497$ mho/m; ϵ_r

$= 54.115$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (111x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.22 mW/g

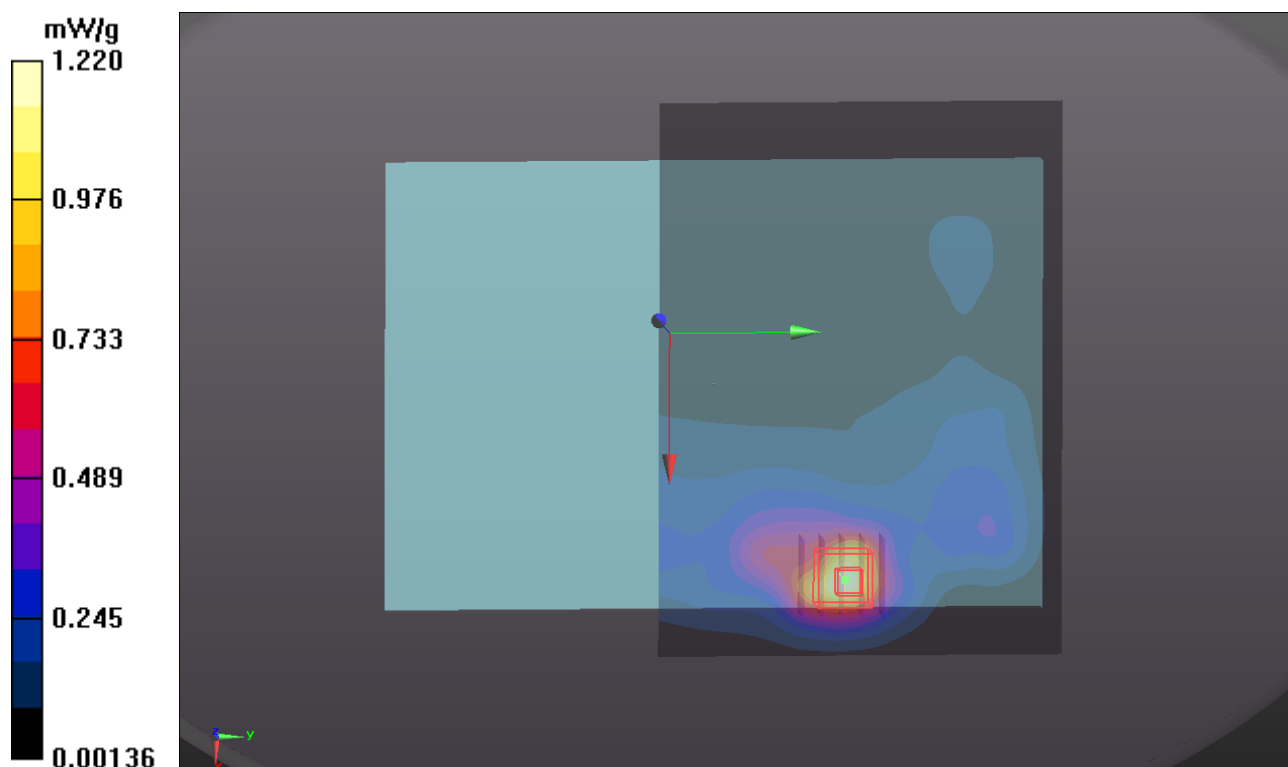
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.769 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.680 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 1.37 mW/g



P75 WCDMA II_RMC12.2k_Rear Face_0.7cm_Ch9538_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.935$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (111x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.06 mW/g

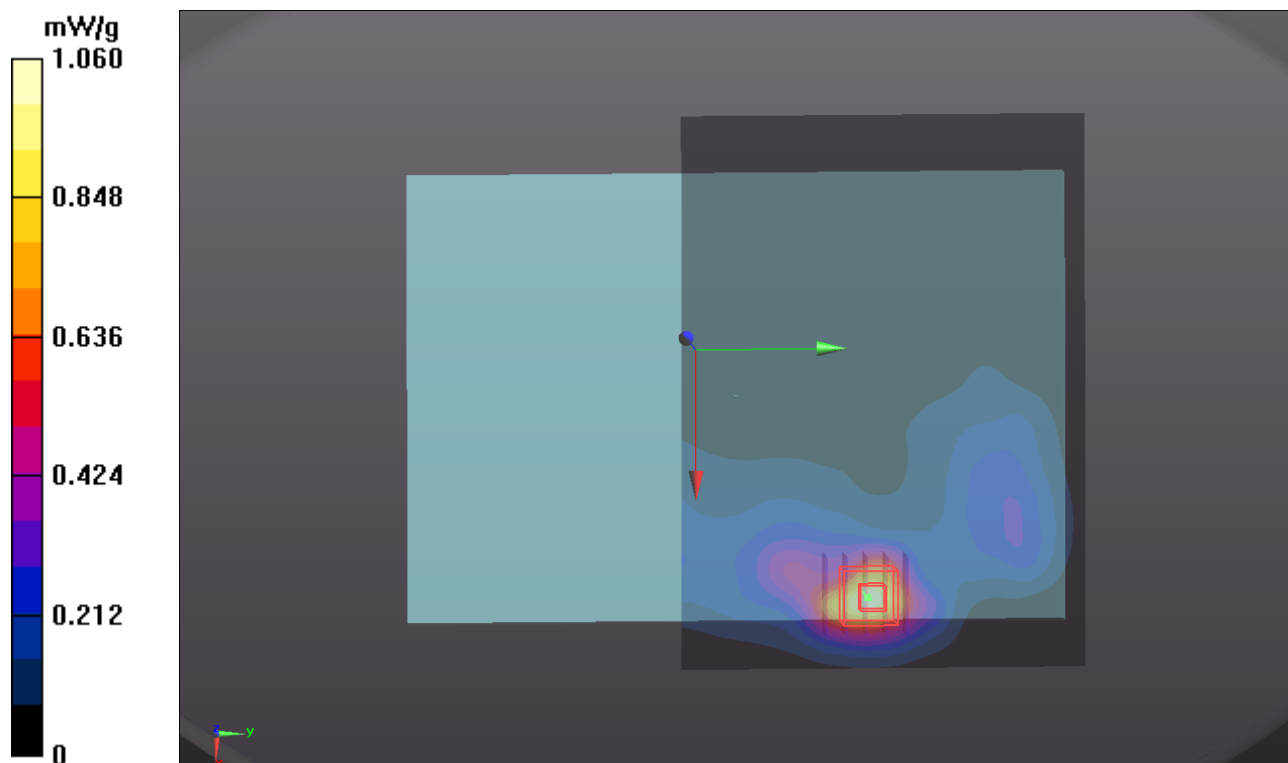
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.378 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 1.556 mW/g

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



P76 WCDMA II_RMC12.2K_Secondary Landscape_0.7cm_Ch9262_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r = 54.115$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.810 mW/g

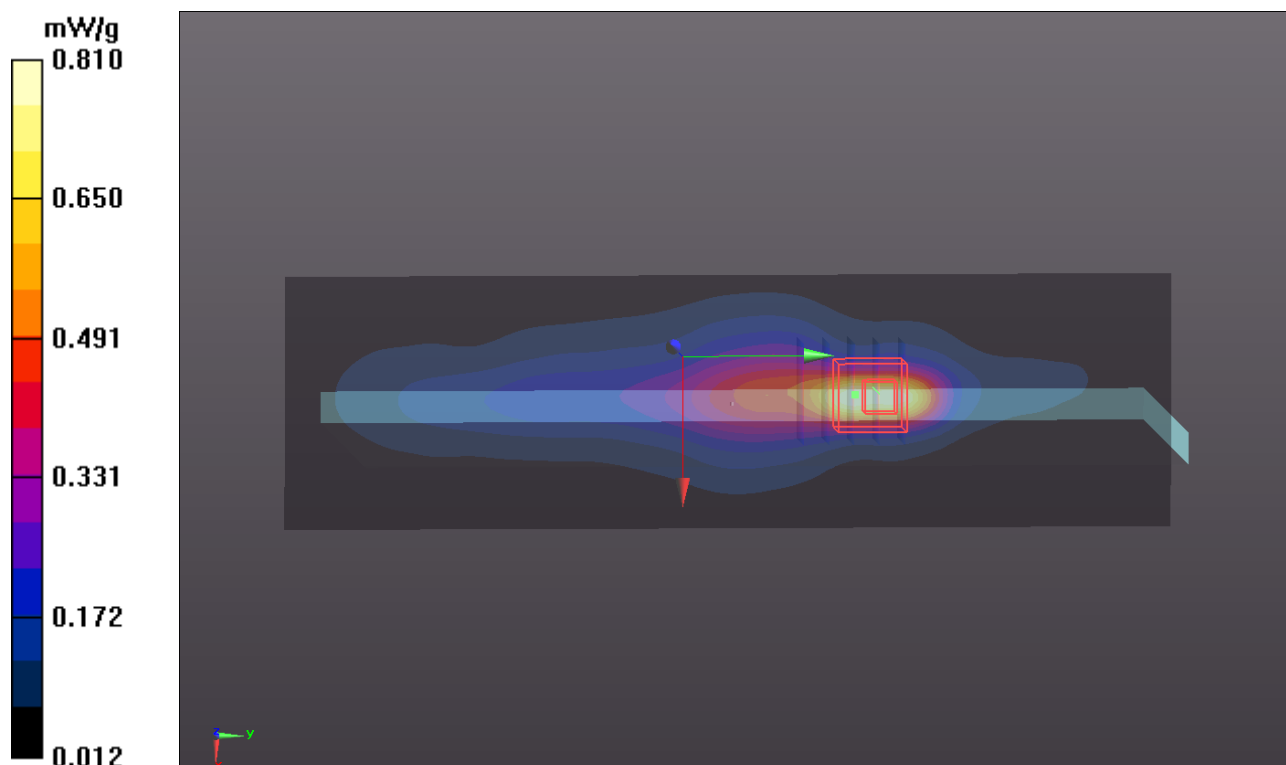
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.198 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.102 mW/g

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.312 mW/g

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



P77 WCDMA II_RMC12.2K_Secondary Landscape_0.7cm_Ch9538_Sensor Off**DUT: 120427C12**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0606 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.935$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.929 mW/g

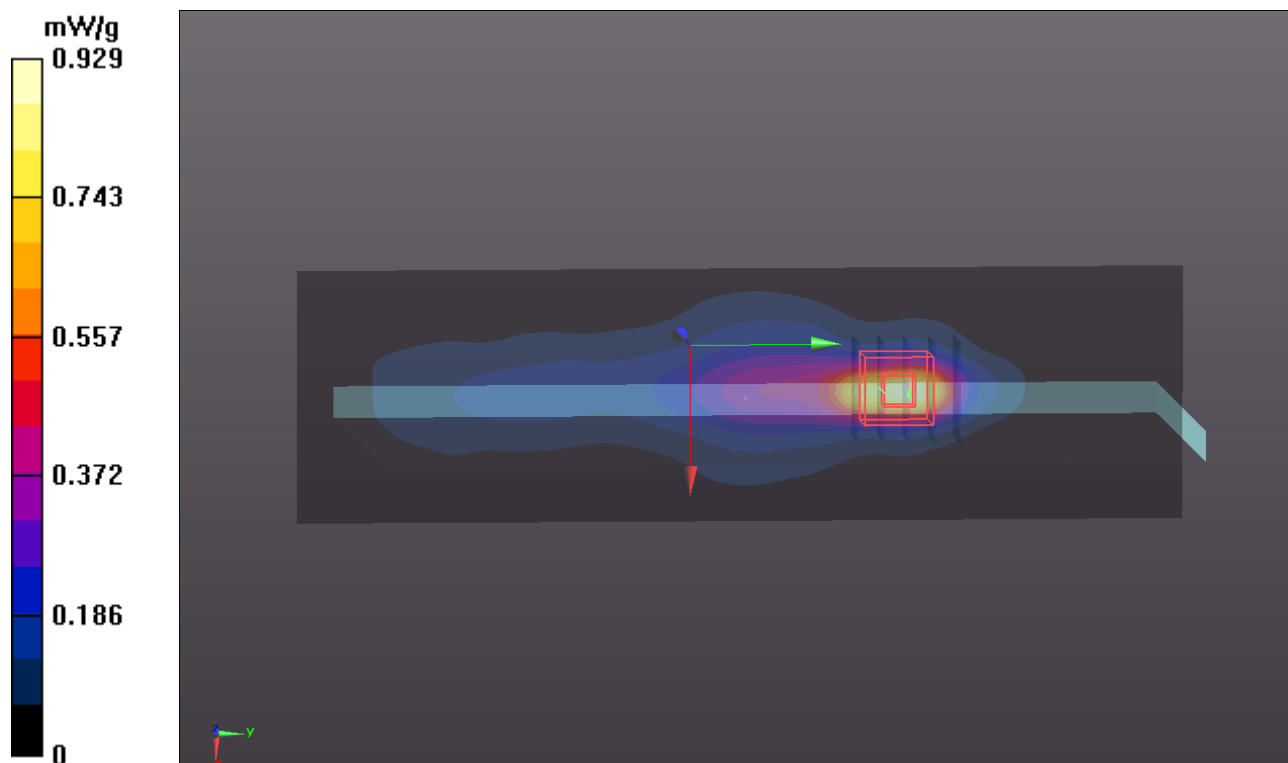
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.330 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.209 mW/g

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.939 mW/g



**P78 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9262_Sensor
Off_TopLeft3****DUT: 120427C12**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900_0531 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 54.937$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.677 mW/g

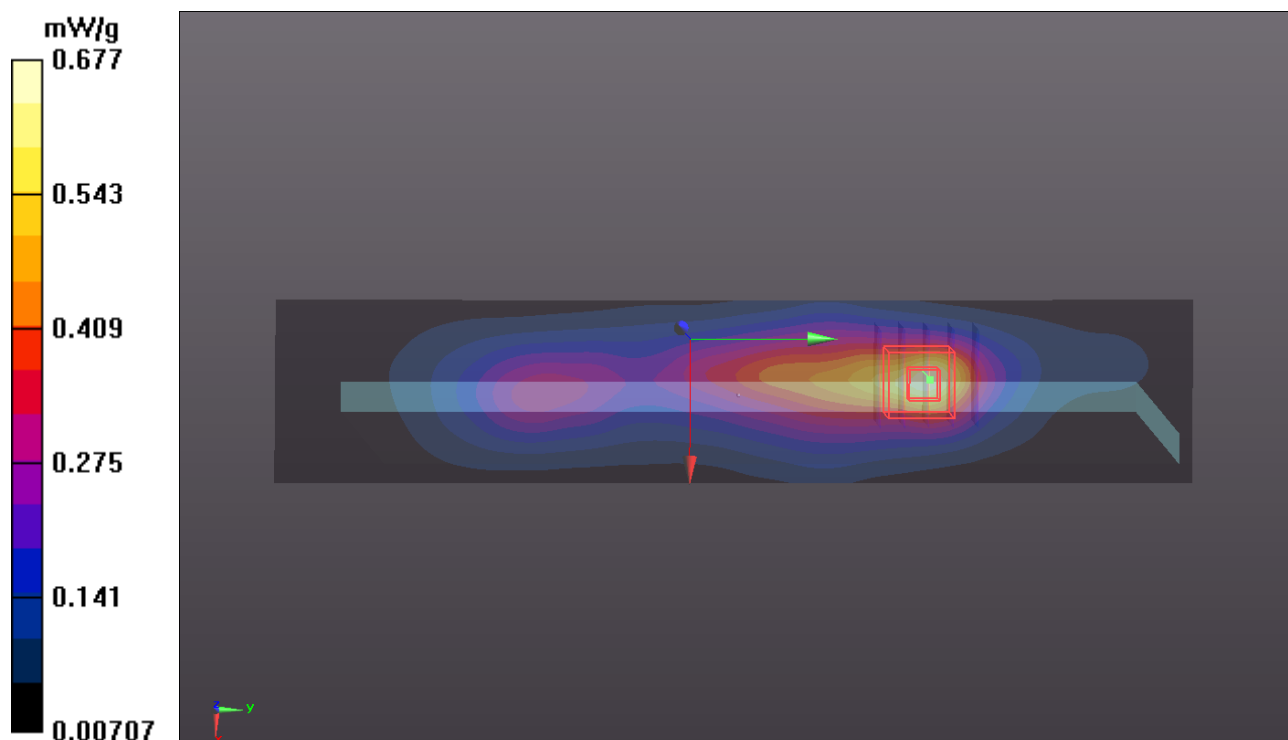
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.890 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.113 mW/g

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.870 mW/g



**P79 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9538_Sensor
Off_TopLeft3****DUT: 120427C12**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0531 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.568$ mho/m; $\epsilon_r = 54.776$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm

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

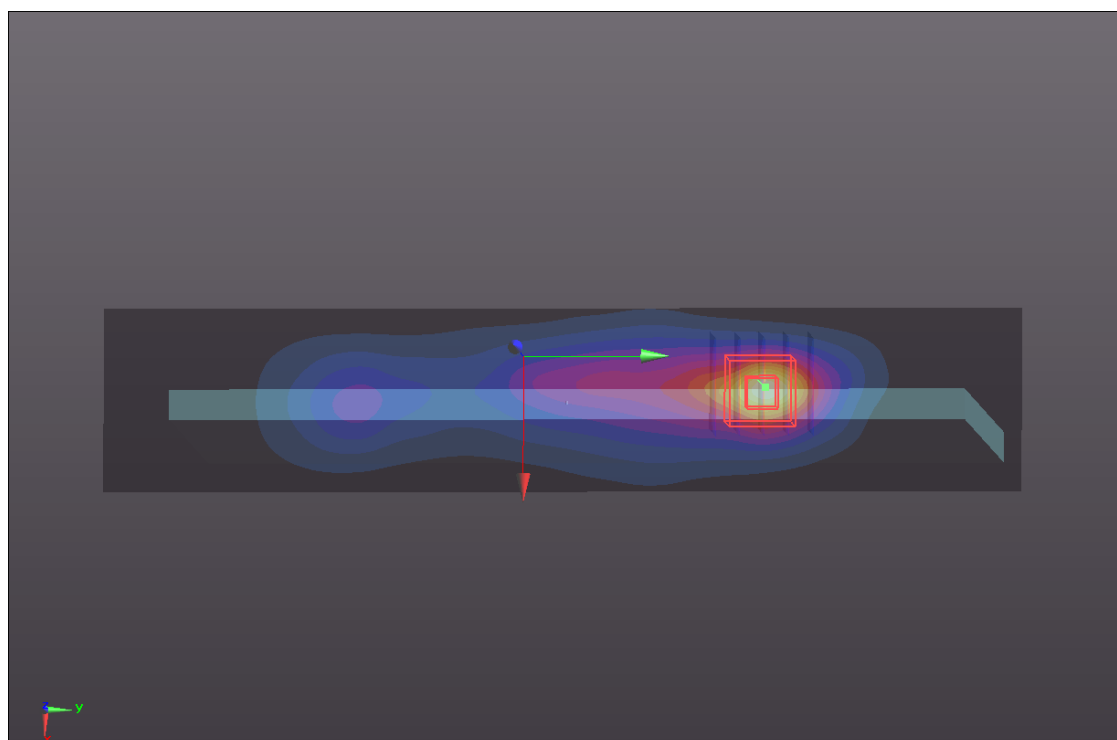
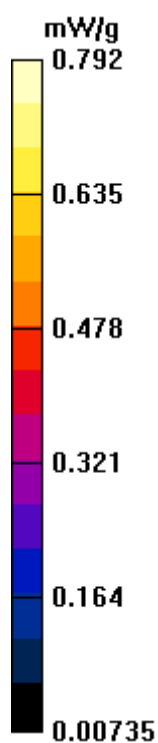
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.722 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.204 mW/g

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.357 mW/g

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



P90 802.11b_Rear Face_0cm_Ch6**DUT: 120427C12**

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

Medium: B2450_0712 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.007$ mho/m; $\epsilon_r = 53.007$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (111x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.713 mW/g

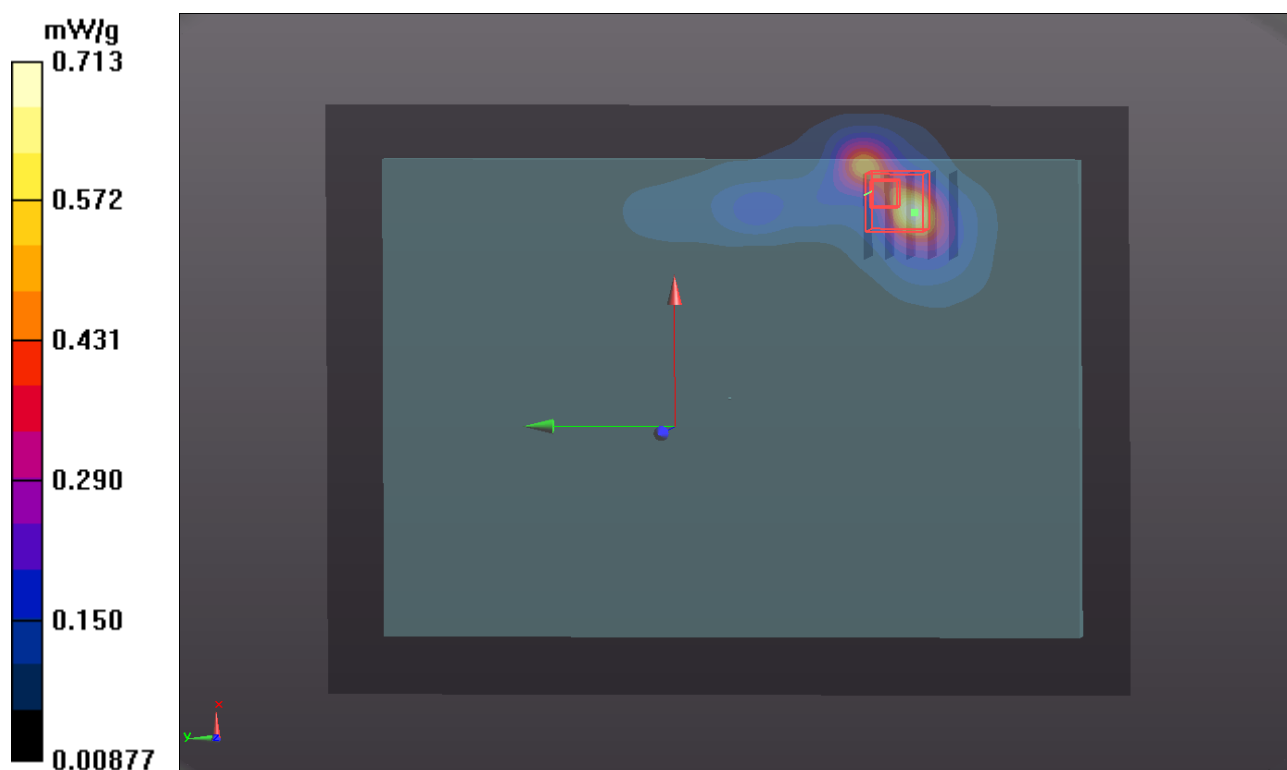
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

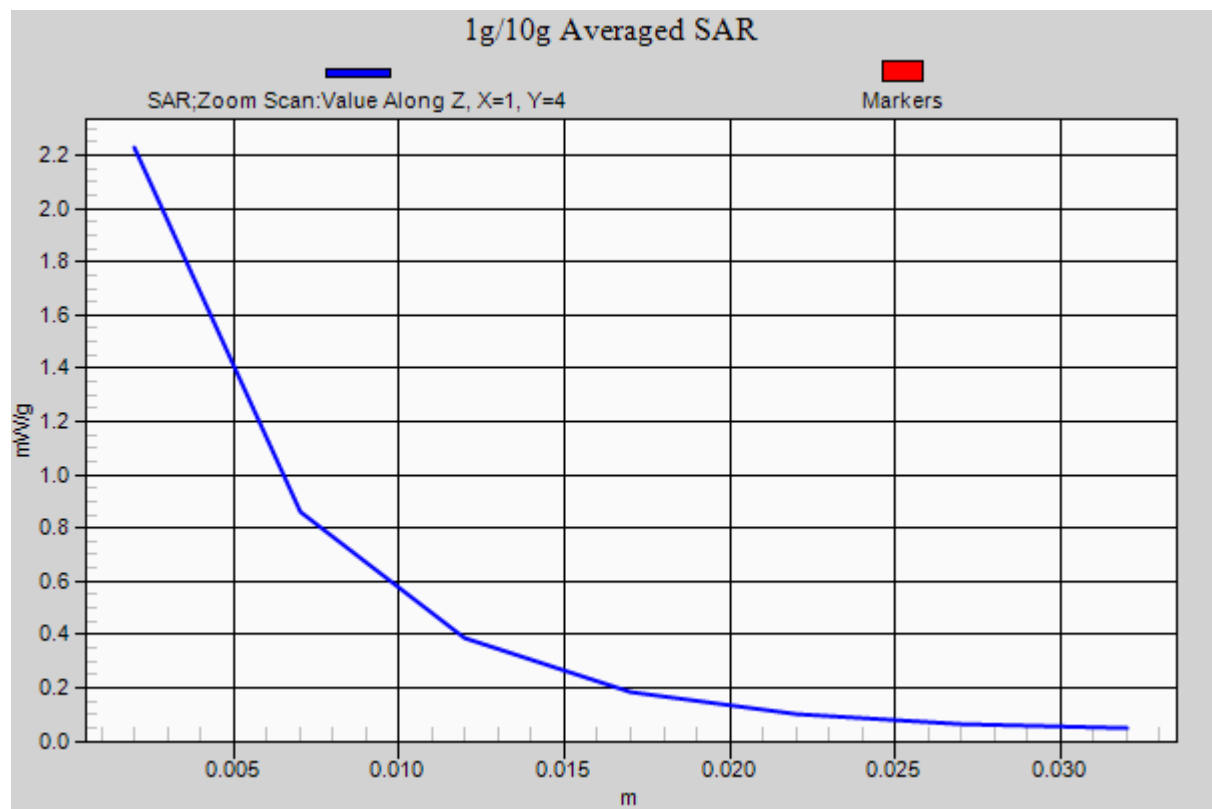
Reference Value = 3.757 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.456 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 2.23 mW/g





P91 802.11b_Rear Face_0cm_Ch1**DUT: 120427C12**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_0712 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.971$ mho/m; $\epsilon_r = 53.055$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.25 mW/g

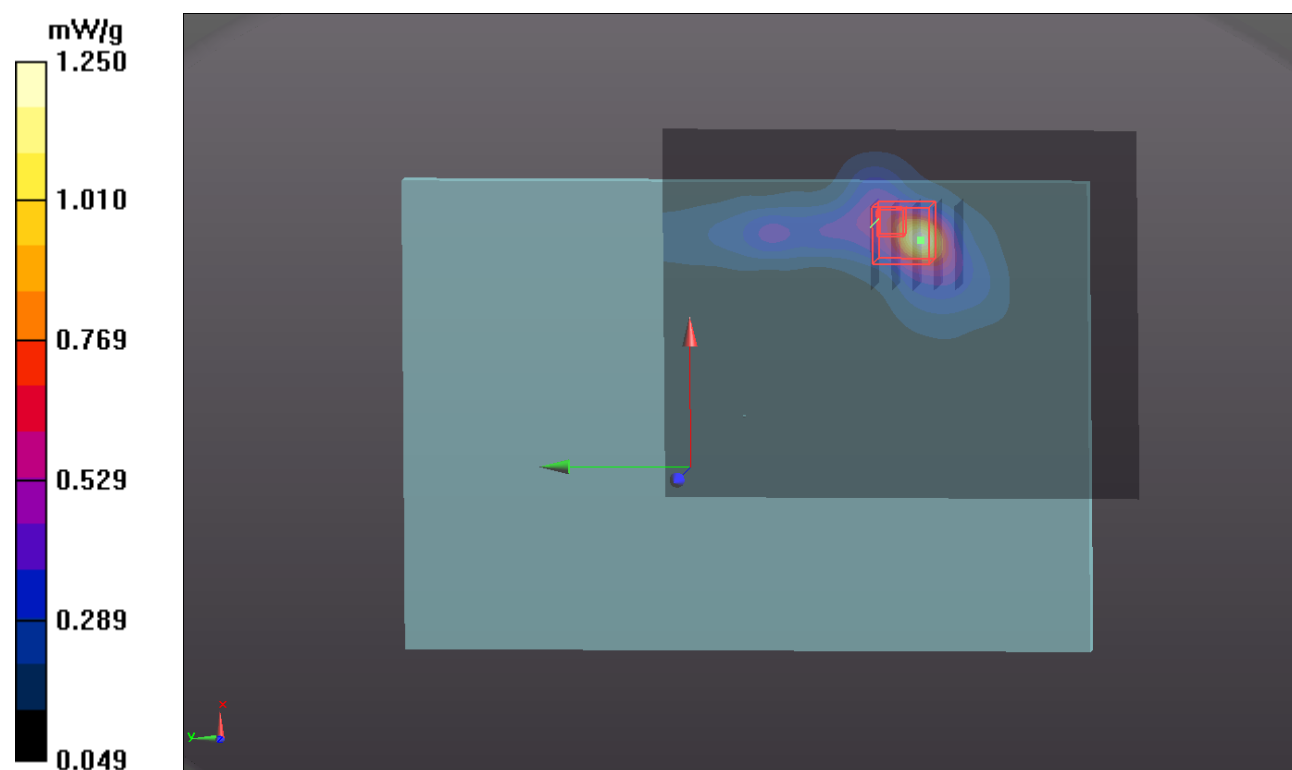
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.810 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.608 mW/g

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



P92 802.11b_Rear Face_0cm_Ch11**DUT: 120427C12**

Communication System: WLAN_2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: B2450_0712 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.044$ mho/m; $\epsilon_r = 52.919$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.402 mW/g

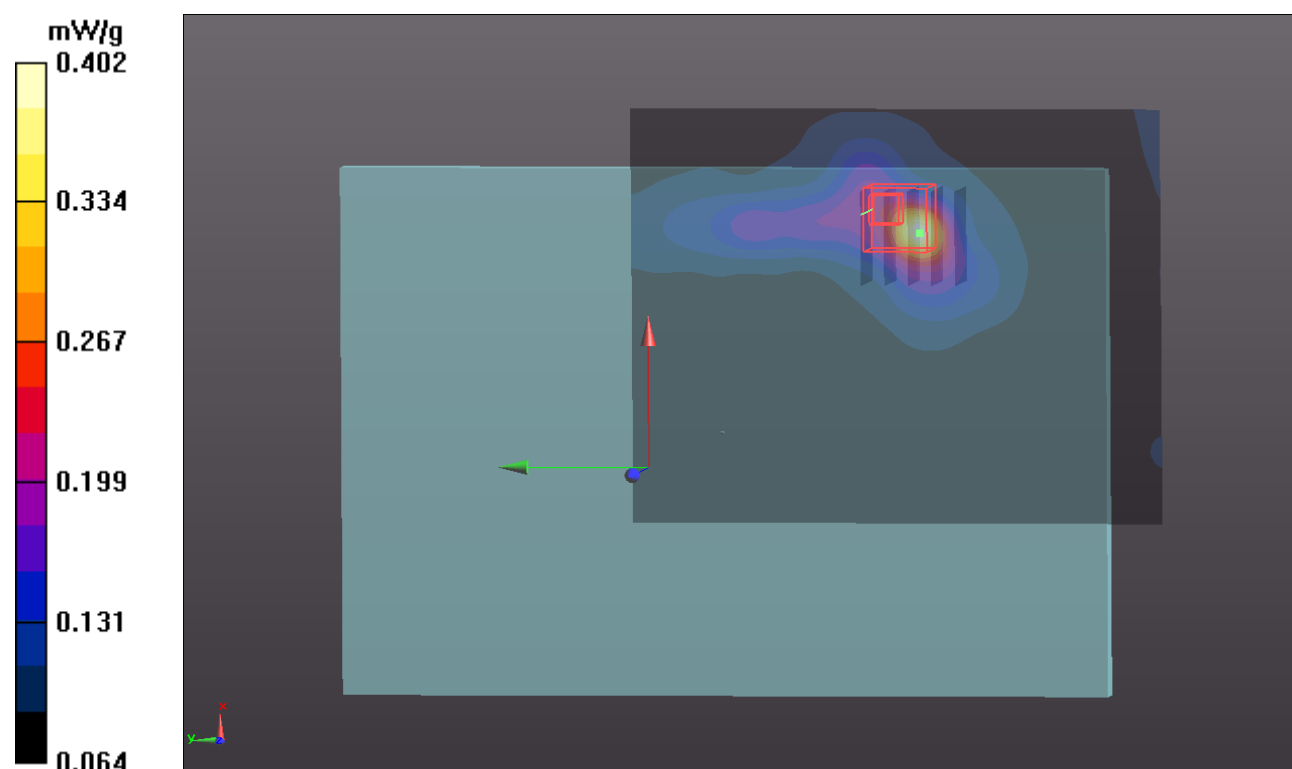
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.710 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.796 mW/g

SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 1.71 mW/g



P82 802.11b_Secondary Landscape _0cm_Ch6**DUT: 120427C12**

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

Medium: B2450_0511 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 51.789$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.8 °C

DASY5 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: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.696 mW/g

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

Reference Value = 14.284 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.694 mW/g

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

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

Reference Value = 14.284 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.213 mW/g

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.762 mW/g

