P01 GSM1900_GPRS12_Rear Face_0cm_Ch512_Sensor On

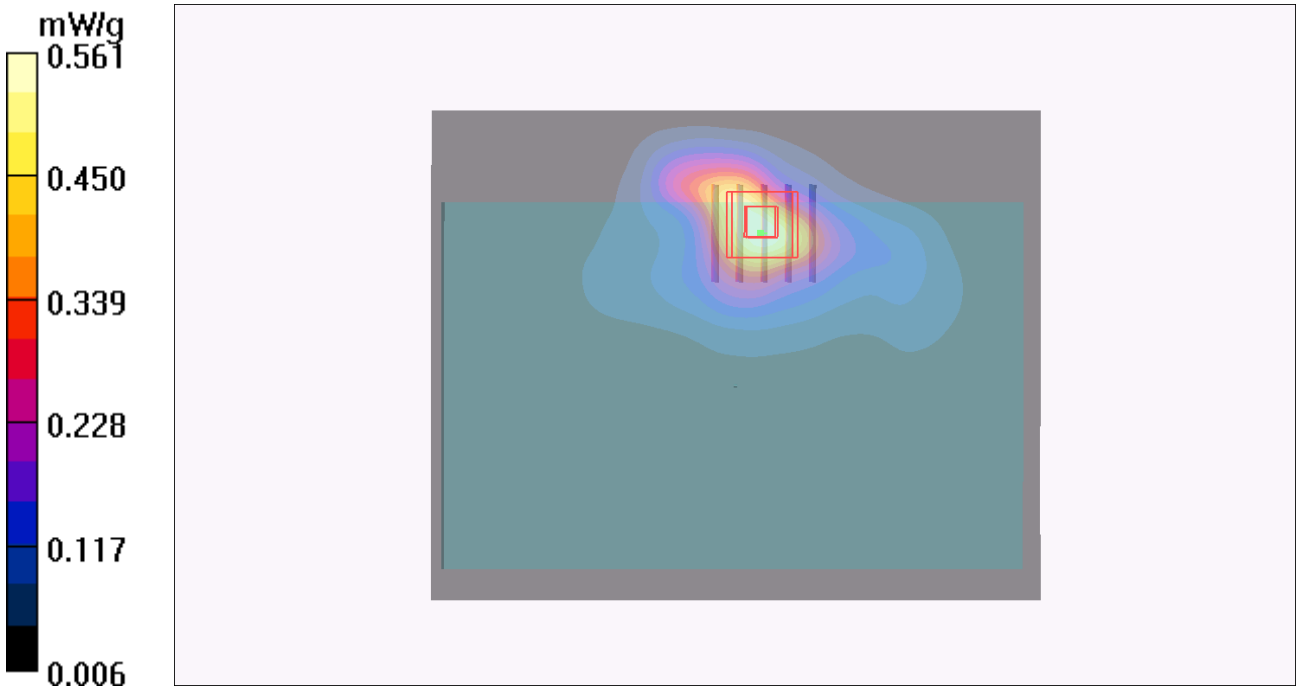
DUT: 120608C16

Communication System: GSM1900 GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B1900_0716 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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 (81x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.561 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.50 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



P02 GSM1900_GPRS12_Primary Landscape_0cm_Ch512_Sensor On

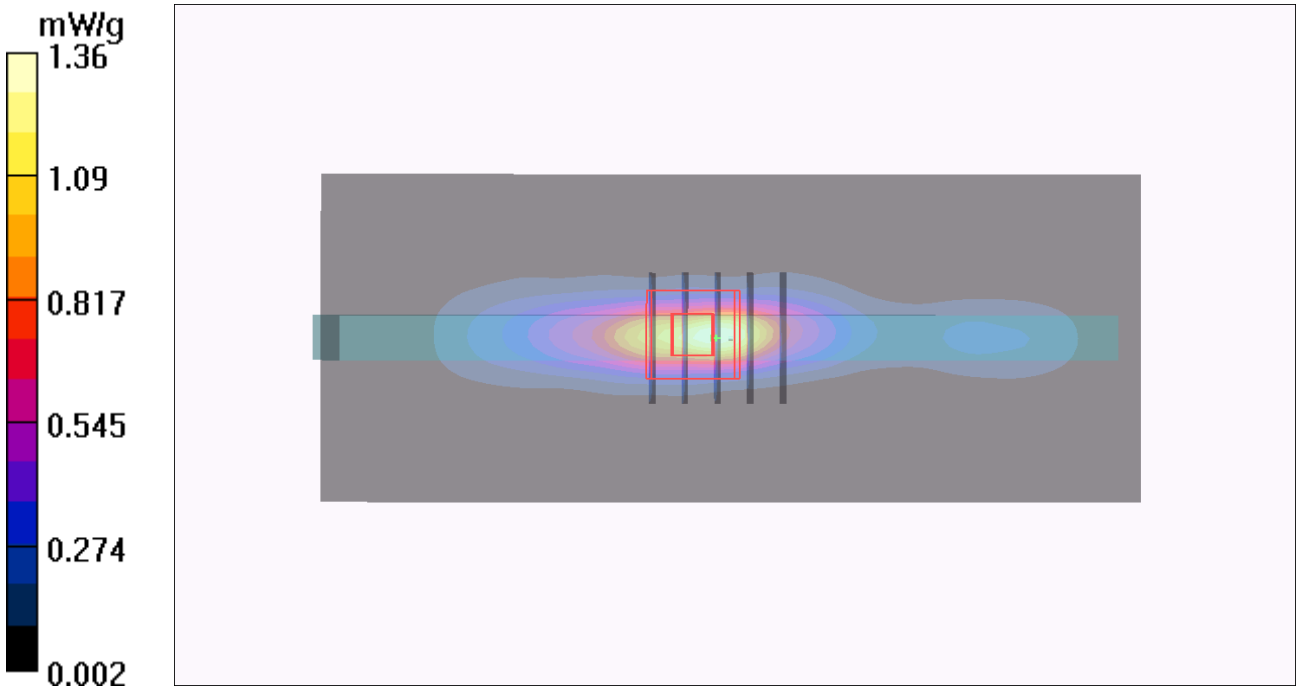
DUT: 120608C16

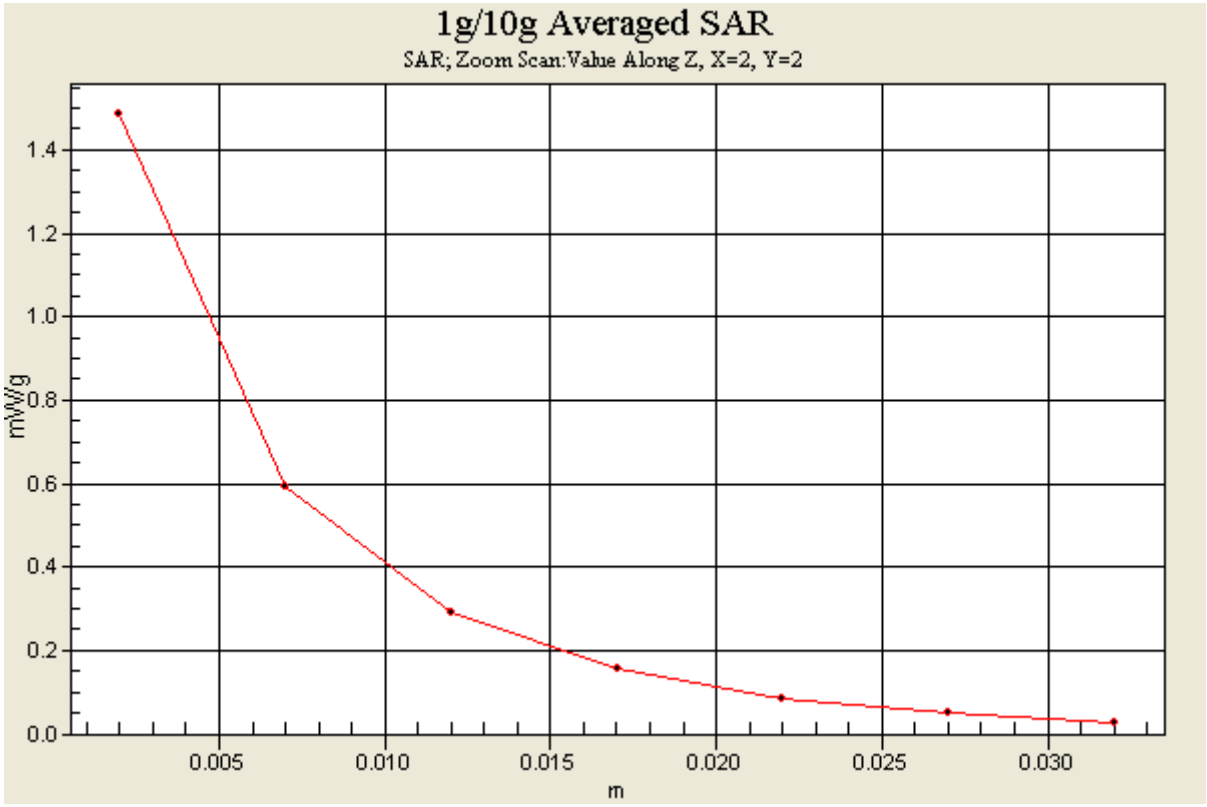
Communication System: GSM1900 GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B1900_0716 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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) = 1.36 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 1.49 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P03 GSM1900_GPRS12_Primary Landscape_0cm_Ch661_Sensor On

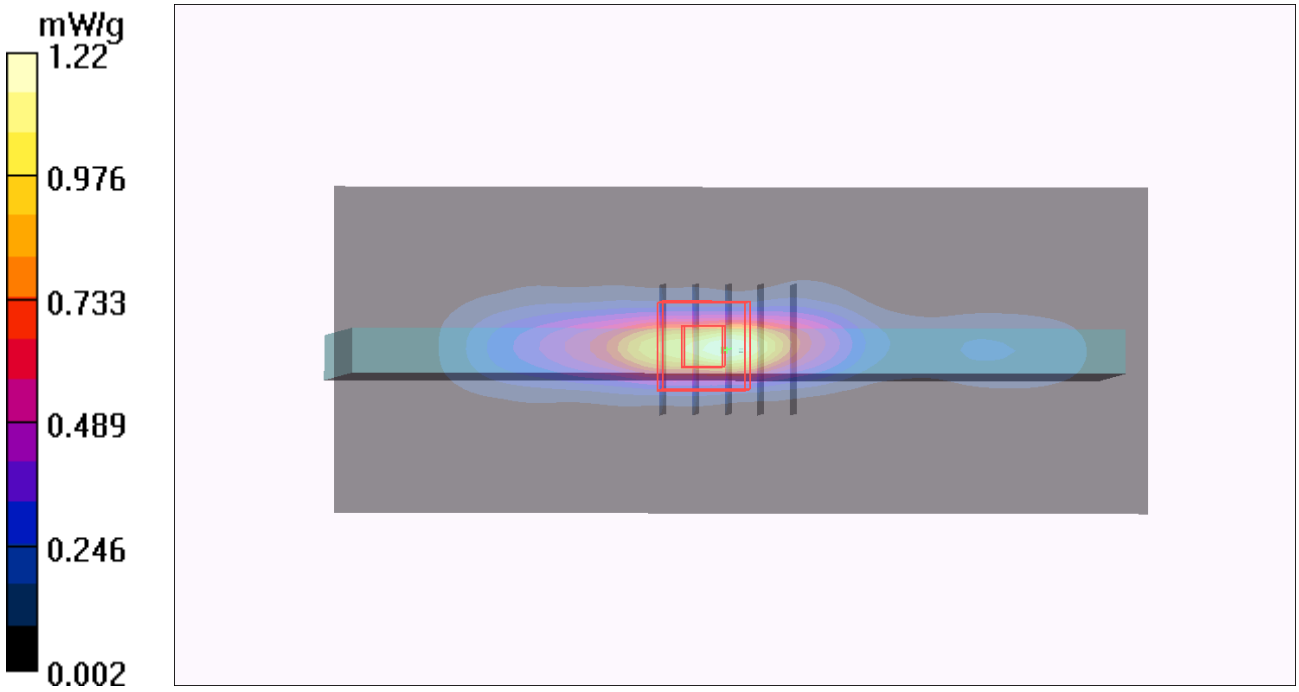
DUT: 120608C16

Communication System: GSM1900 GPRS12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: B1900_0716 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.4 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



P04 GSM1900_GPRS12_Primary Landscape_0cm_Ch810_Sensor On

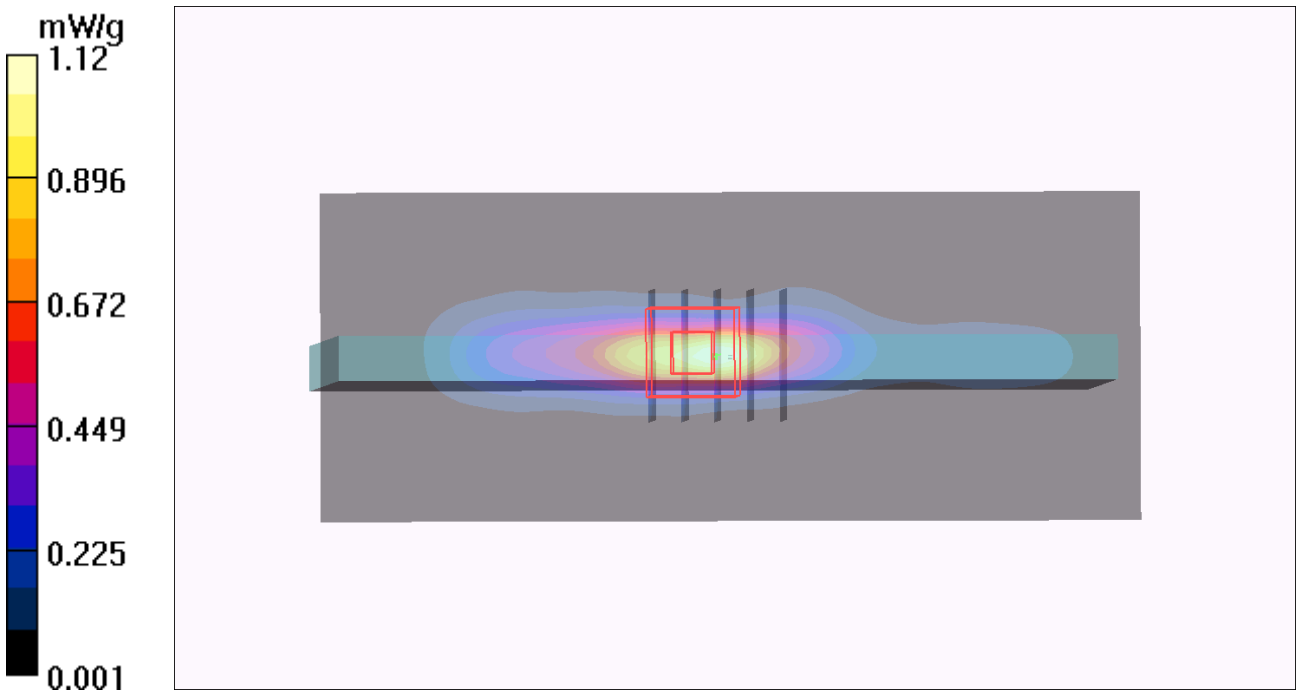
DUT: 120608C16

Communication System: GSM1900 GPRS12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: B1900_0716 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



P05 GSM1900_GPRS12_Primary Landscape_0cm_Ch512_Battery 2_Sensor On

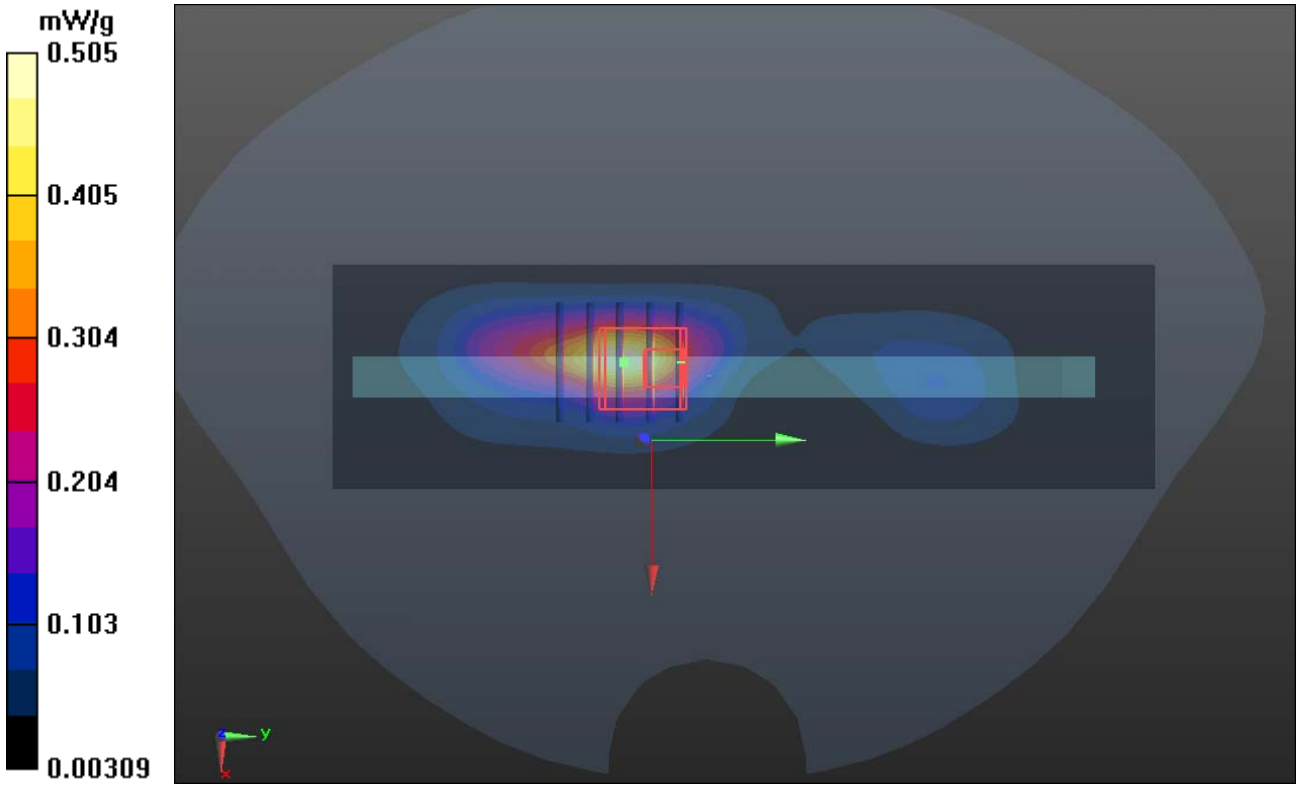
DUT: 120716C06

Communication System: GSM1900 GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: B1900_0810 Medium parameters used : f = 1850.2 MHz; σ = 1.479 mho/m; ε_r = 53.001; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (31x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.505 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.455 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.368 mW/g
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



P06 GSM1900_GPRS10_Rear Face_1.5cm_Ch512_Sensor Off

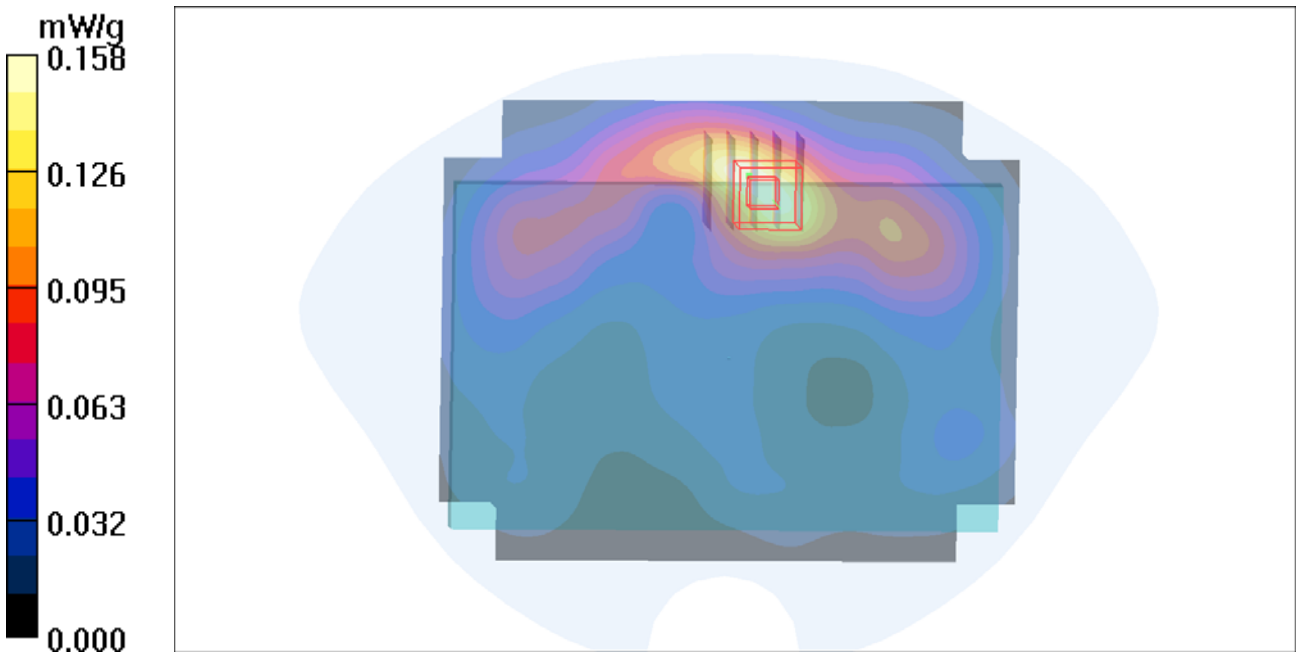
DUT: 120608C16

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (81x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.158 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.26 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



P09 GSM1900_GPRS10_Primary Landscape_1cm_Ch512_Sensor Off

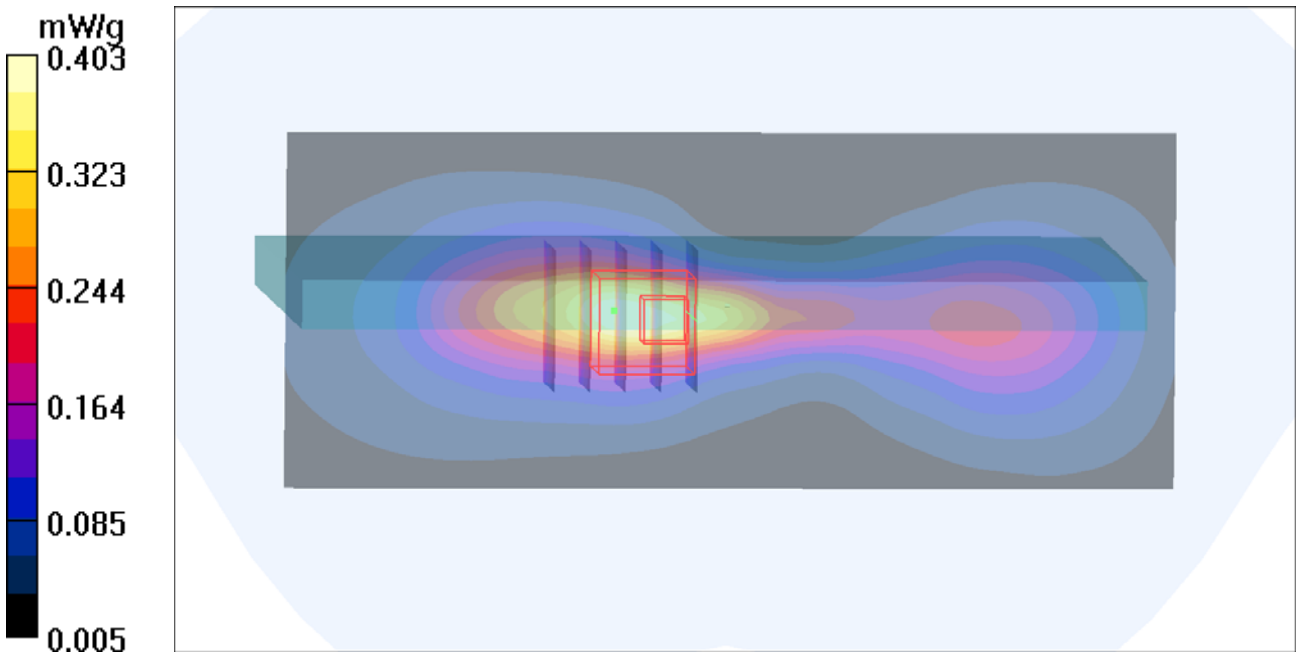
DUT: 120608C16

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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) = 0.403 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.404 mW/g



P07 GSM1900_GPRS10_Rear Face_0cm_Ch512_Sensor Off_TopLeftRear35

DUT: 120608C16

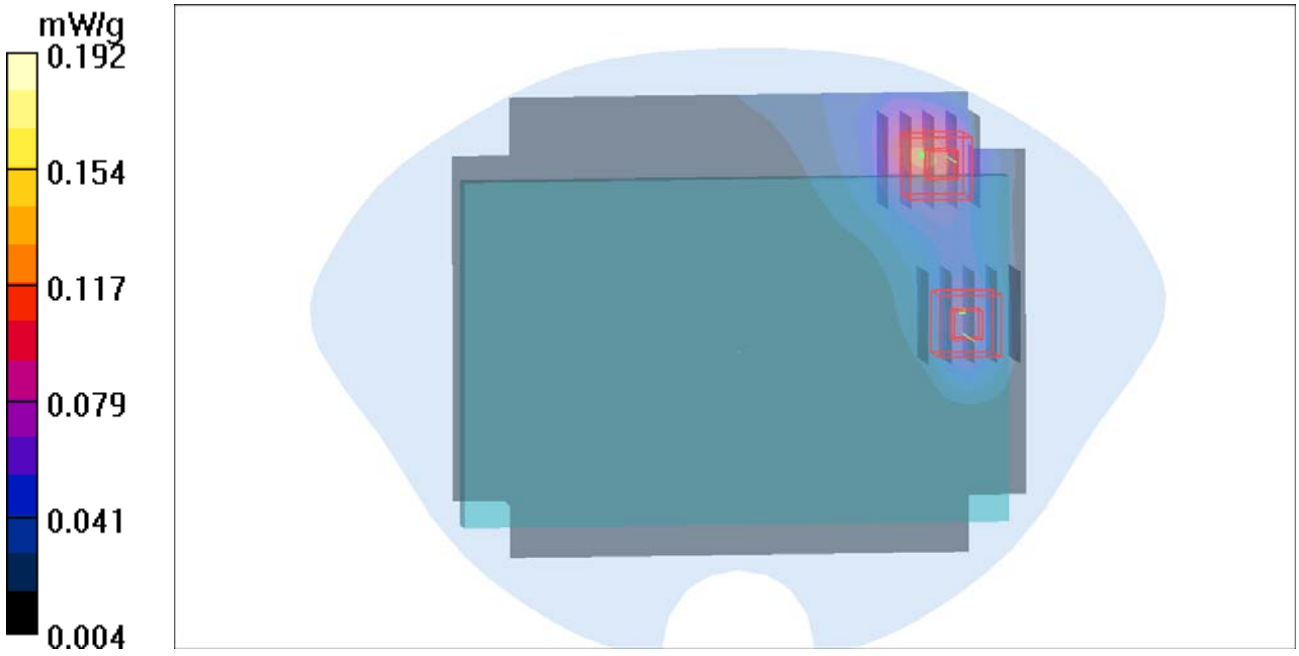
Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (81x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.12 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.192 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.12 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



P08 GSM1900_GPRS10_Rear Face_0cm_Ch512_Sensor Off_TopRightRear20

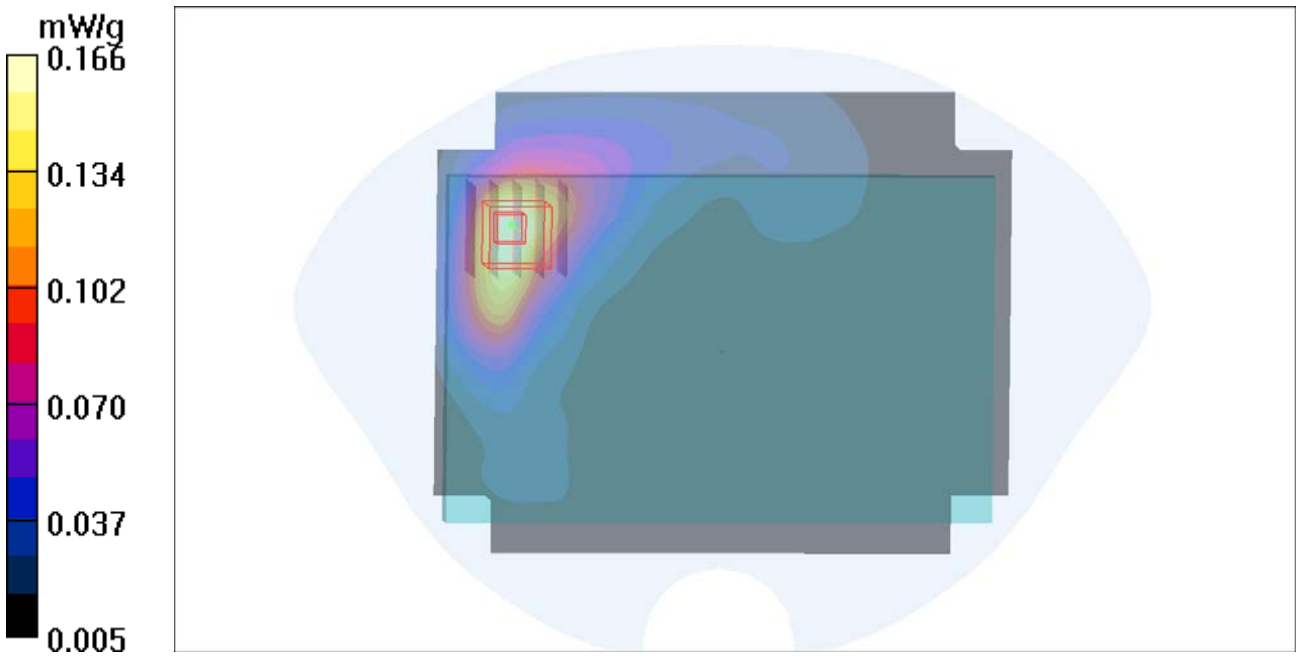
DUT: 120608C16

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (81x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.177 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.50 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



P10 GSM1900_GPRS10_Primary Landscape_0cm_Ch512_Sensor Off_TopRight15

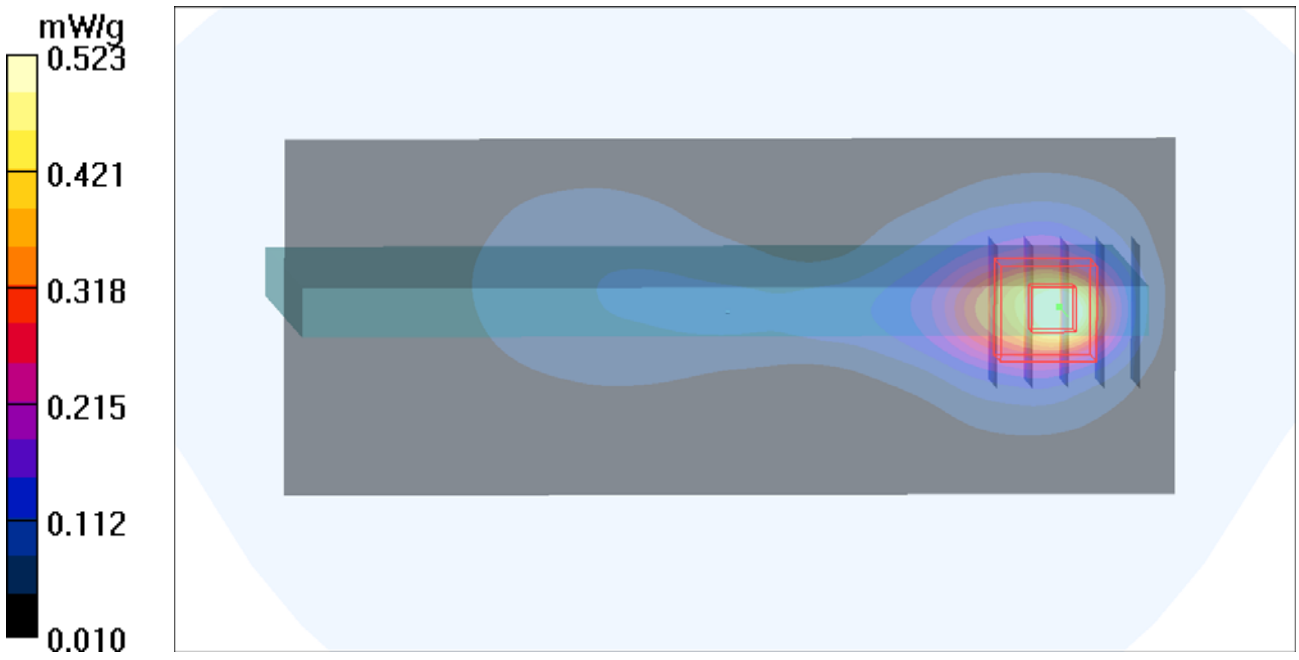
DUT: 120608C16

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used : f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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) = 0.592 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.79 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.523 mW/g



P11 GSM1900_GPRS10_Primary Landscape_0cm_Ch512_Sensor Off_TopLeft35

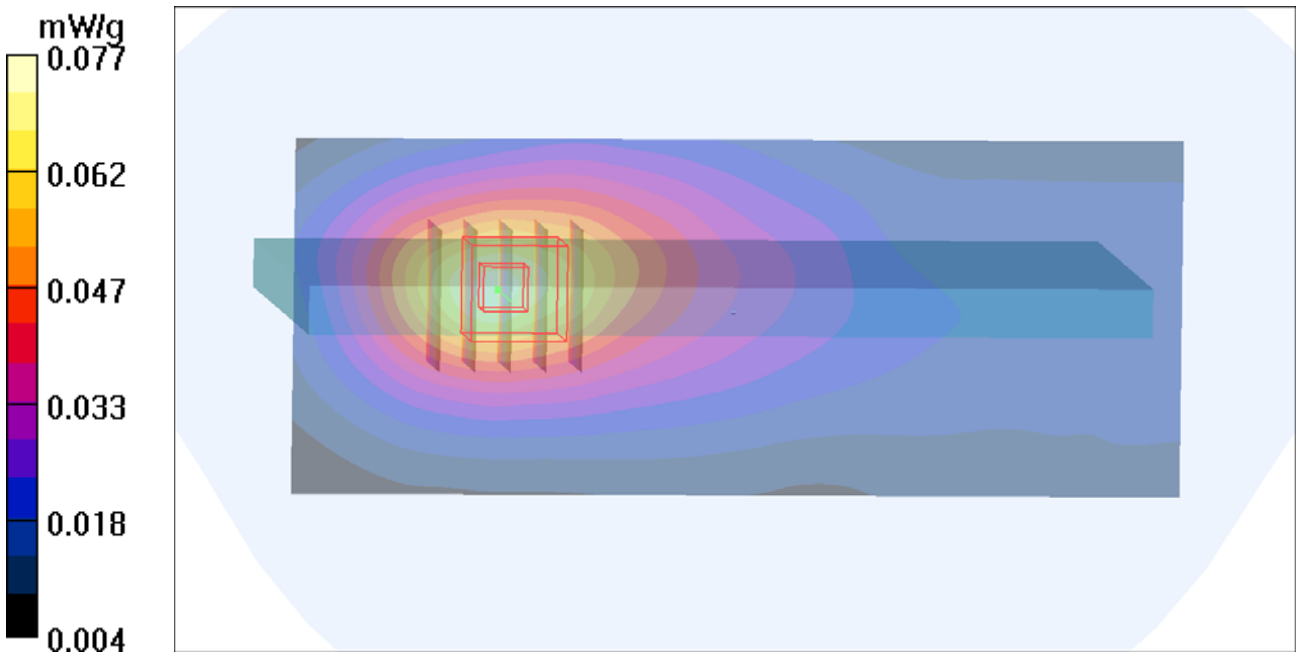
DUT: 120608C16

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0808 Medium parameters used : f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- 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) = 0.074 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.78 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.077 mW/g



P12 802.11b_Rear Face_0cm_Ch11

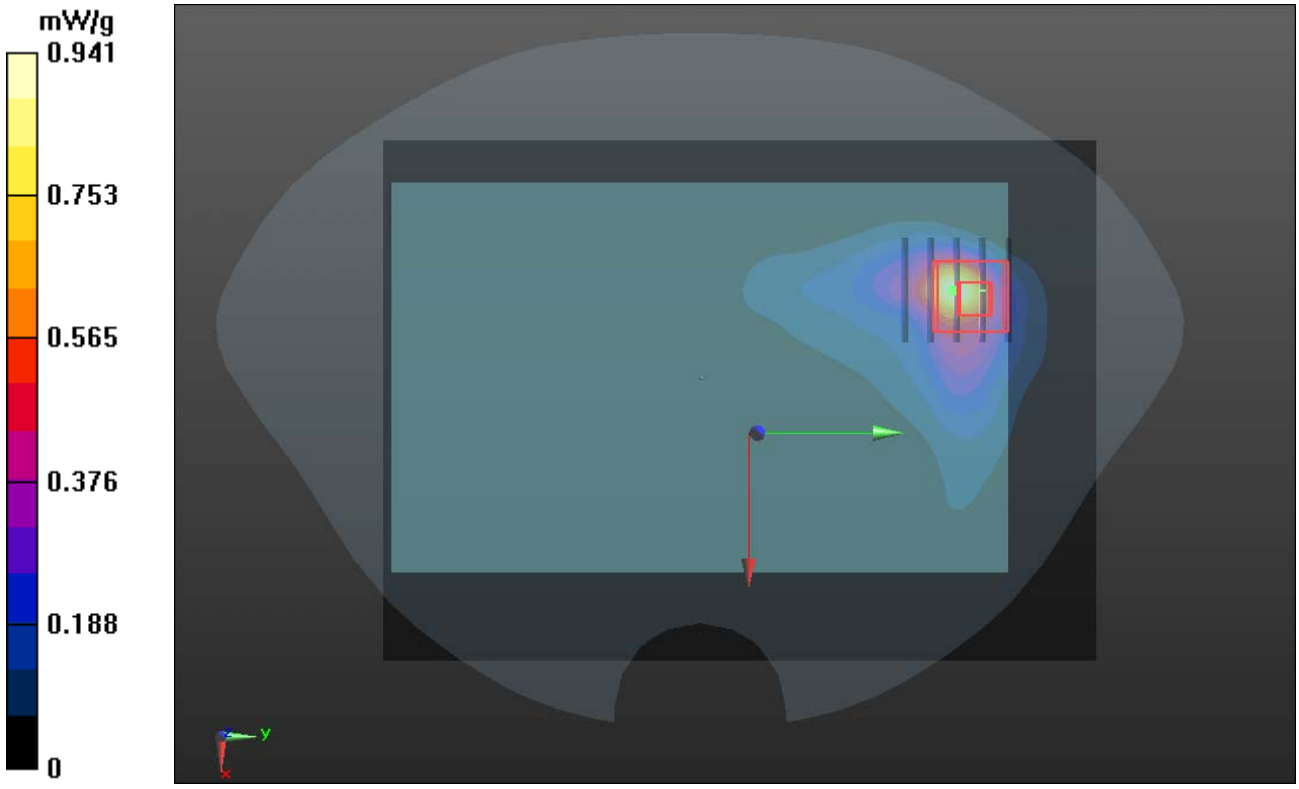
DUT: 120716C06

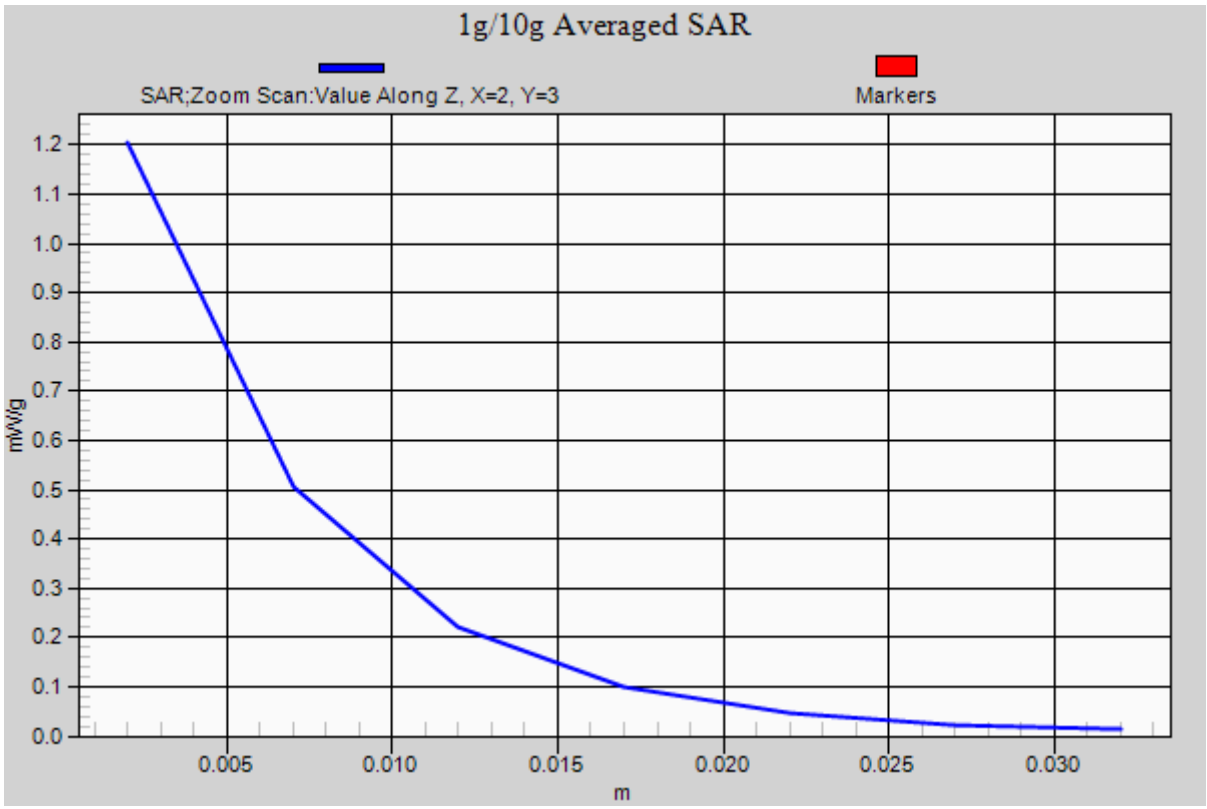
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0810 Medium parameters used: f = 2462 MHz; σ = 2.041 mho/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (81x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.941 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.246 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.988 mW/g
SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 1.20 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=3
Markers
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P13 802.11b_Secondary Portrait_0cm_Ch11

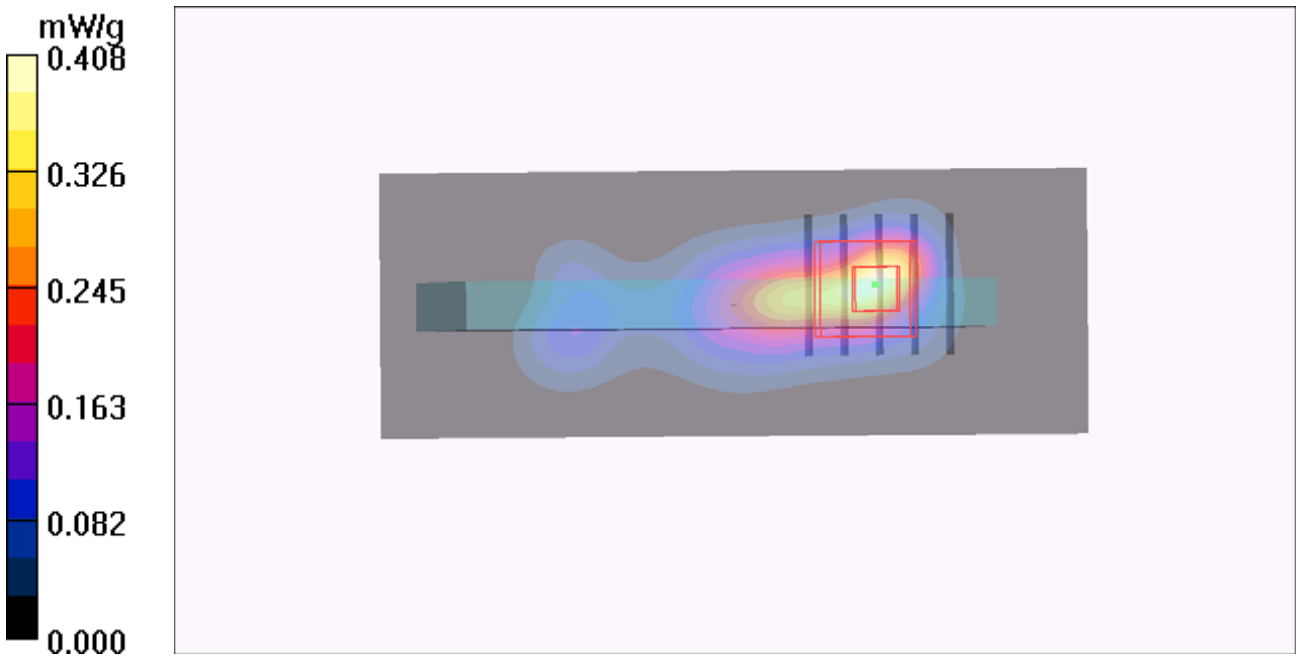
DUT: 120608C16

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

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

Ch11/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.408 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



P14 802.11b_Primary Landscape_0cm_Ch11

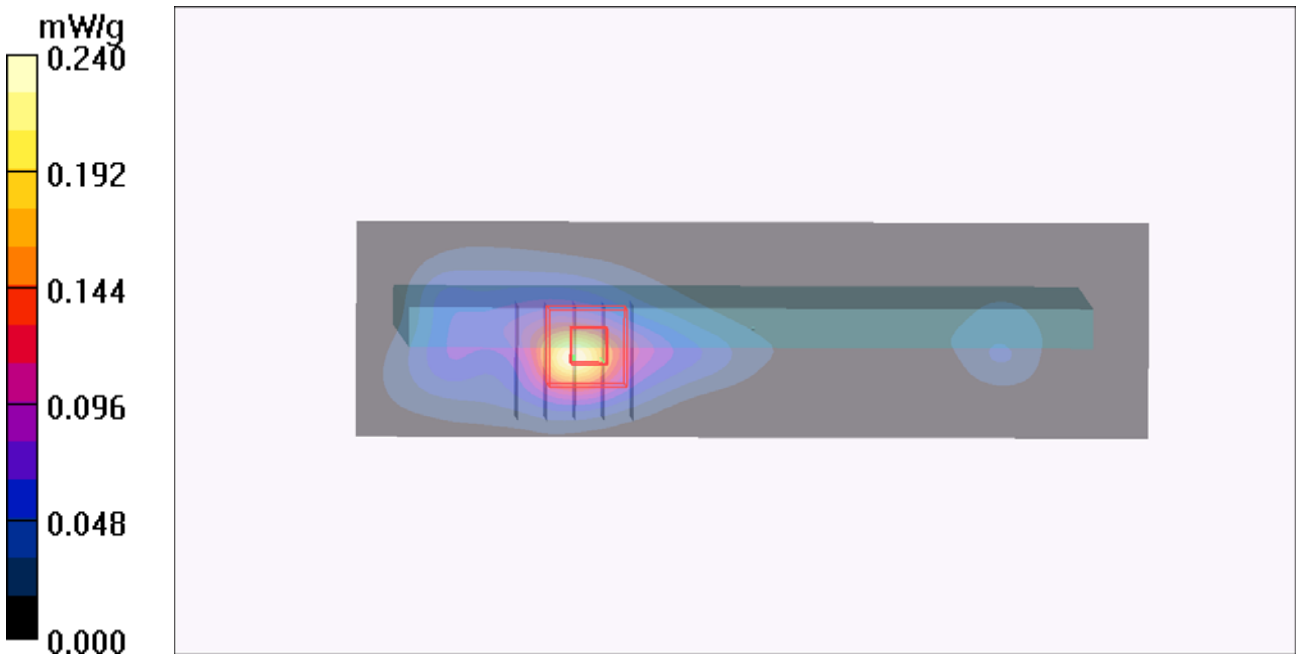
DUT: 120608C16

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

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

Ch11/Area Scan (31x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



P15 802.11b_Rear Face_0cm_Ch11

DUT: 120608C16

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0813 Medium parameters used: f = 2462 MHz; σ = 2.016 mho/m; ε_r = 52.306; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.4 ℃

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: 2012/07/19
- 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 (91x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.401 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.757 mW/g
SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 1.05 mW/g