P51 GSM1900_GPRS10_Right Side_1cm_Ch810

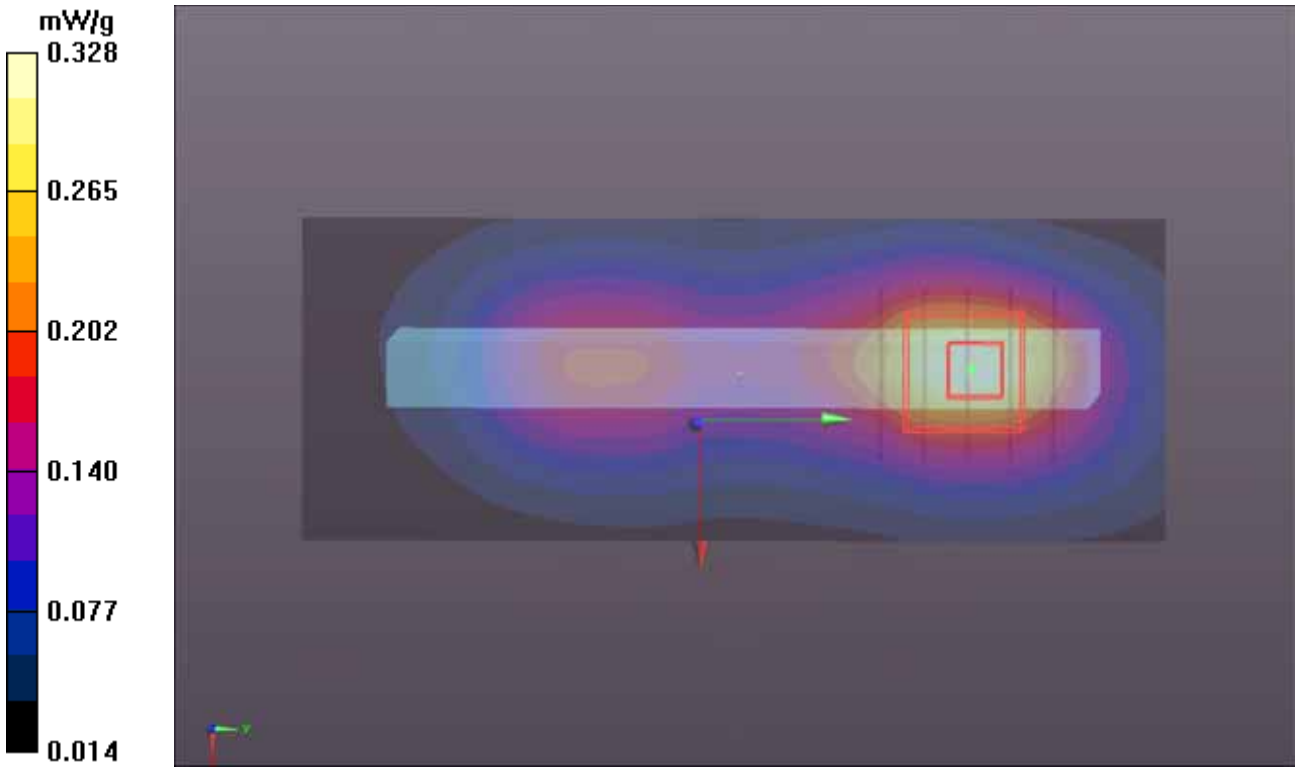
DUT: 120710C03

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0723 Medium parameters used: f = 1910 MHz; σ = 1.555 mho/m; ε_r = 52.797; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

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

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.328 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.187 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.422 mW/g
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.345 mW/g



P53 GSM1900_GPRS10_Bottom Side_1cm_Ch810

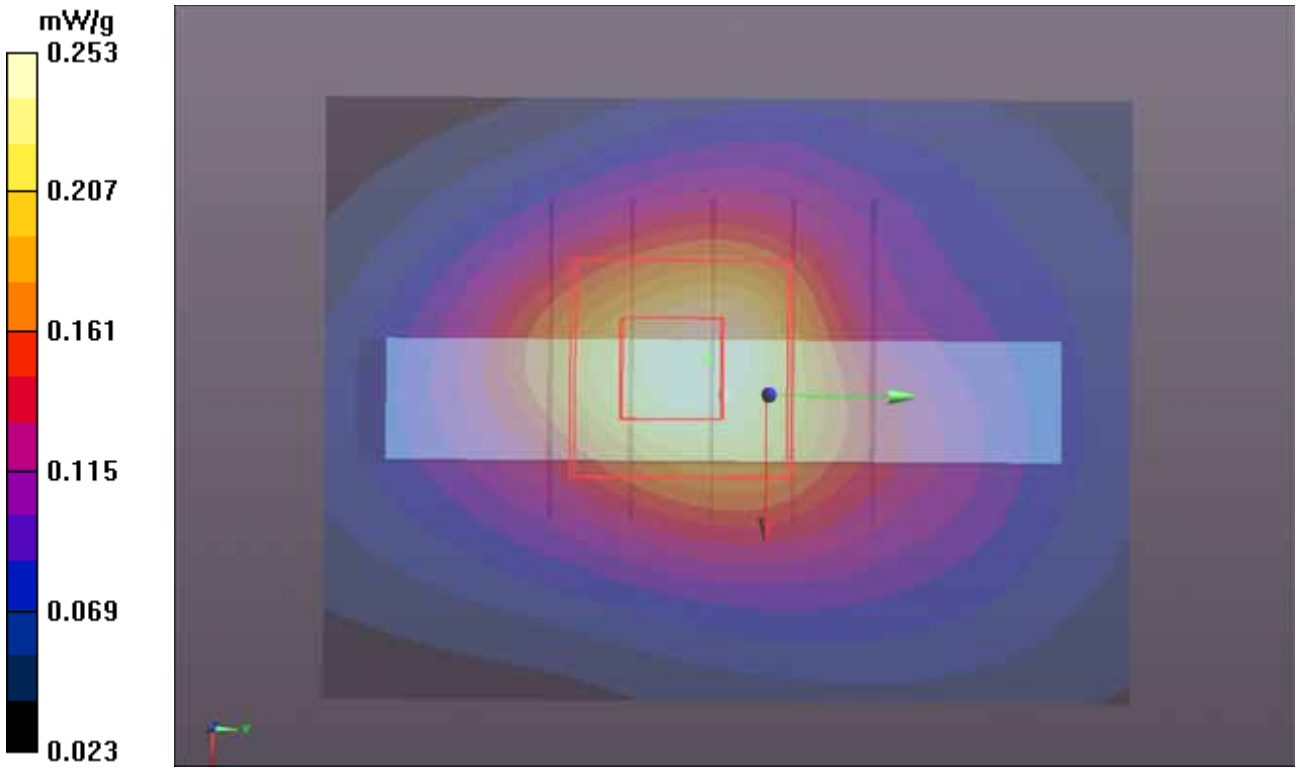
DUT: 120710C03

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0723 Medium parameters used: f = 1910 MHz; σ = 1.555 mho/m; ε_r = 52.797; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

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

Ch810/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.253 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.303 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.346 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.271 mW/g



P54 GSM1900_GPRS10_Front Face_1cm_Ch810_Earphone

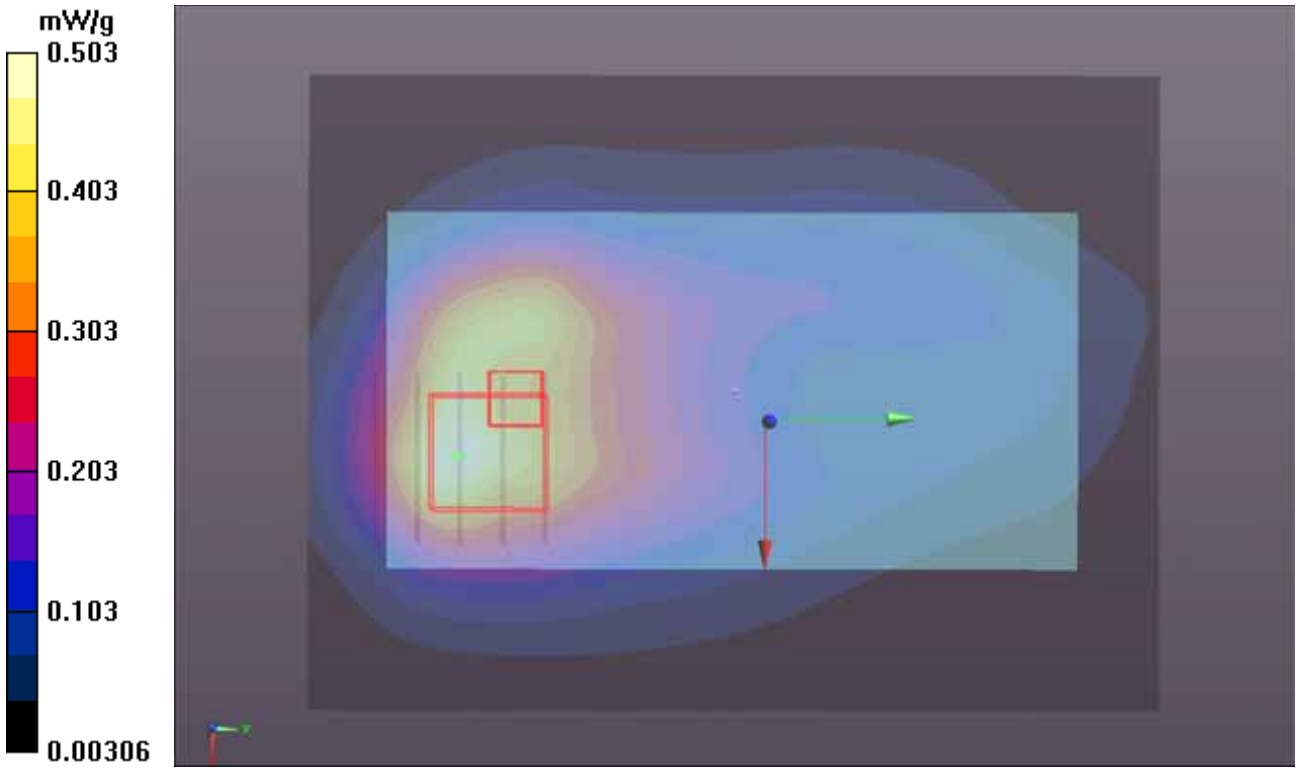
DUT: 120710C03

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0723 Medium parameters used: f = 1910 MHz; σ = 1.555 mho/m; ε_r = 52.797; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

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

Ch810/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.503 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.864 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.415 mW/g



P55 GSM1900_GPRS10_Rear Face_1cm_Ch810_Earphone

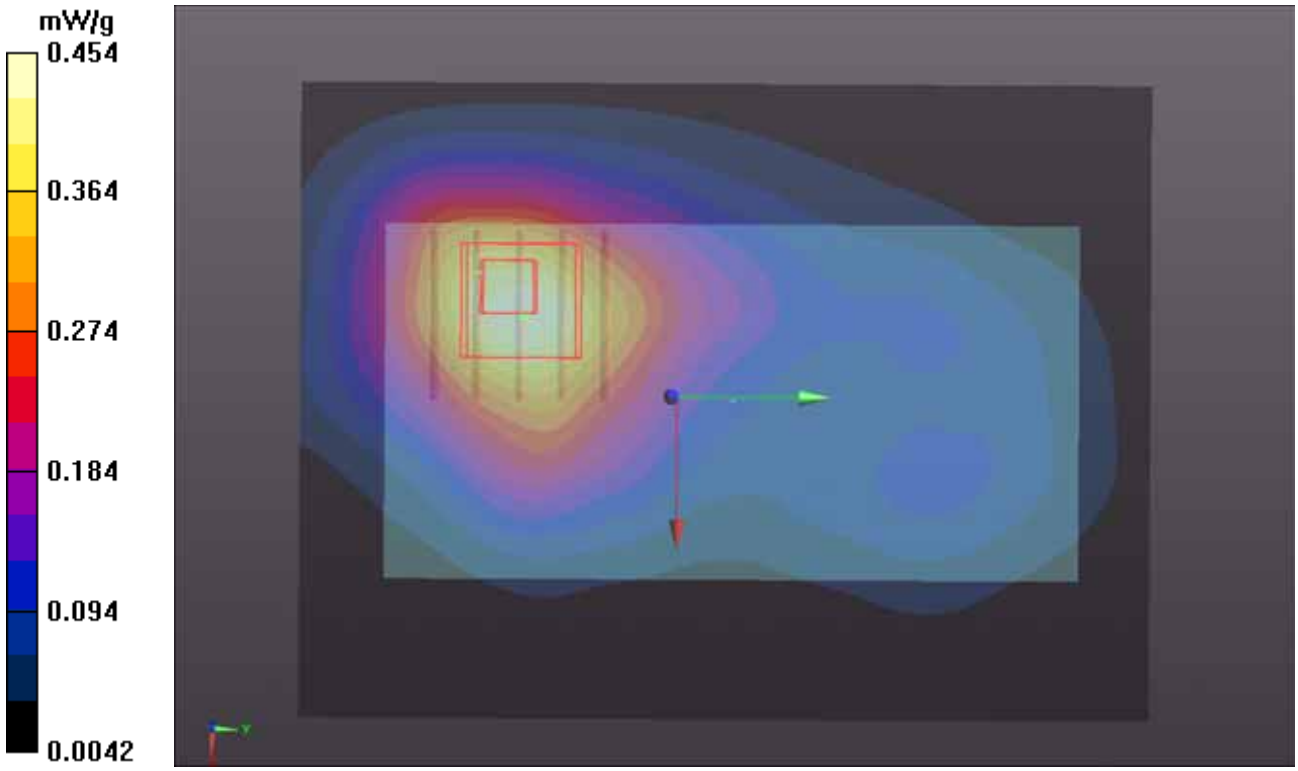
DUT: 120710C03

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0723 Medium parameters used: f = 1910 MHz; σ = 1.555 mho/m; ε_r = 52.797; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

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

Ch810/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.526 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.541 mW/g
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.432 mW/g



P56 WCDMA V_RMC12.2k_Front Face_1cm_Ch4182

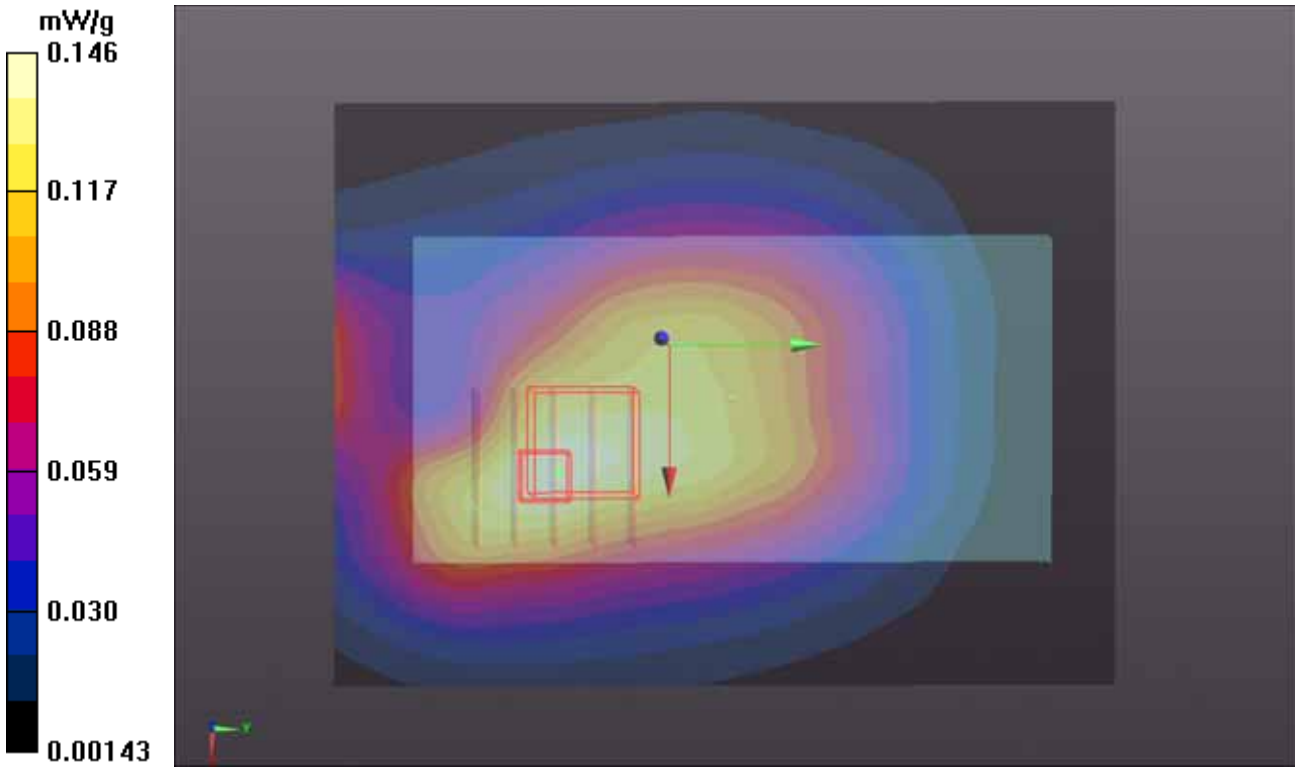
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.146 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.167 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.172 mW/g
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



P57 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4182

DUT: 120710C03

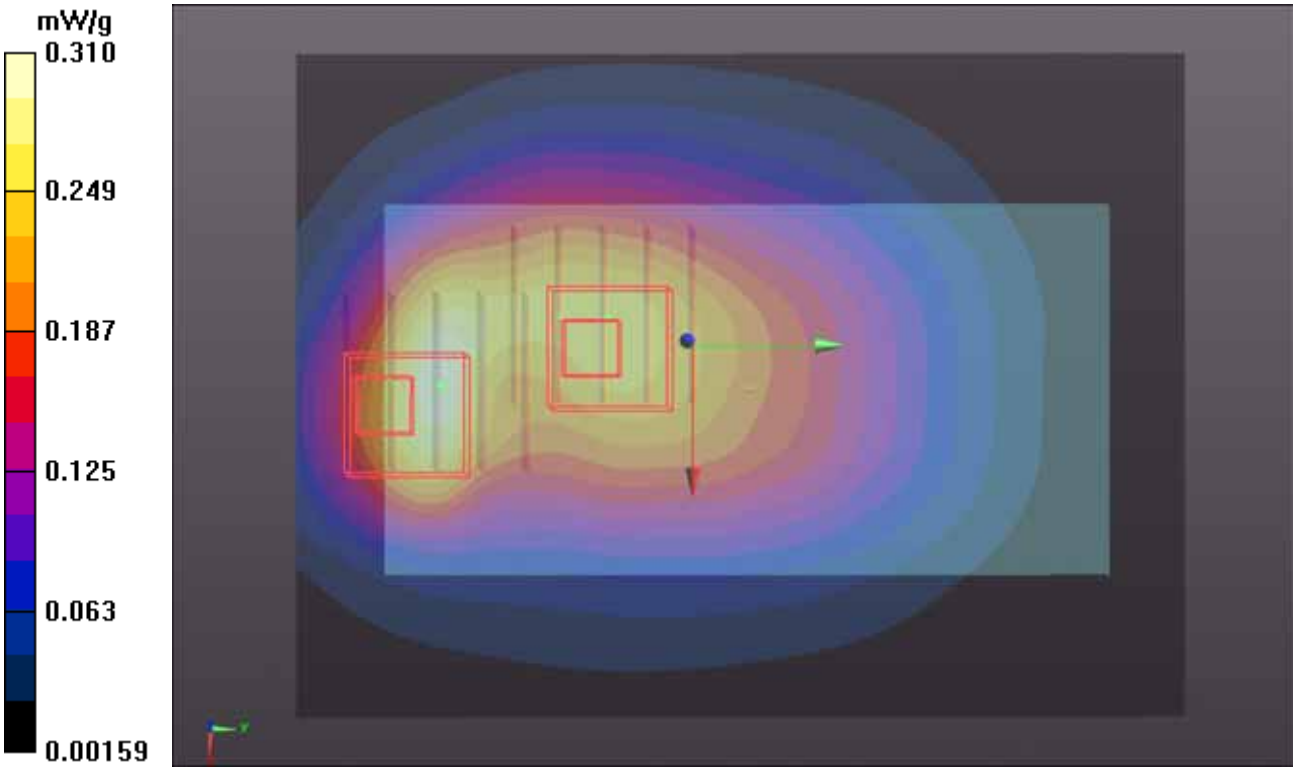
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

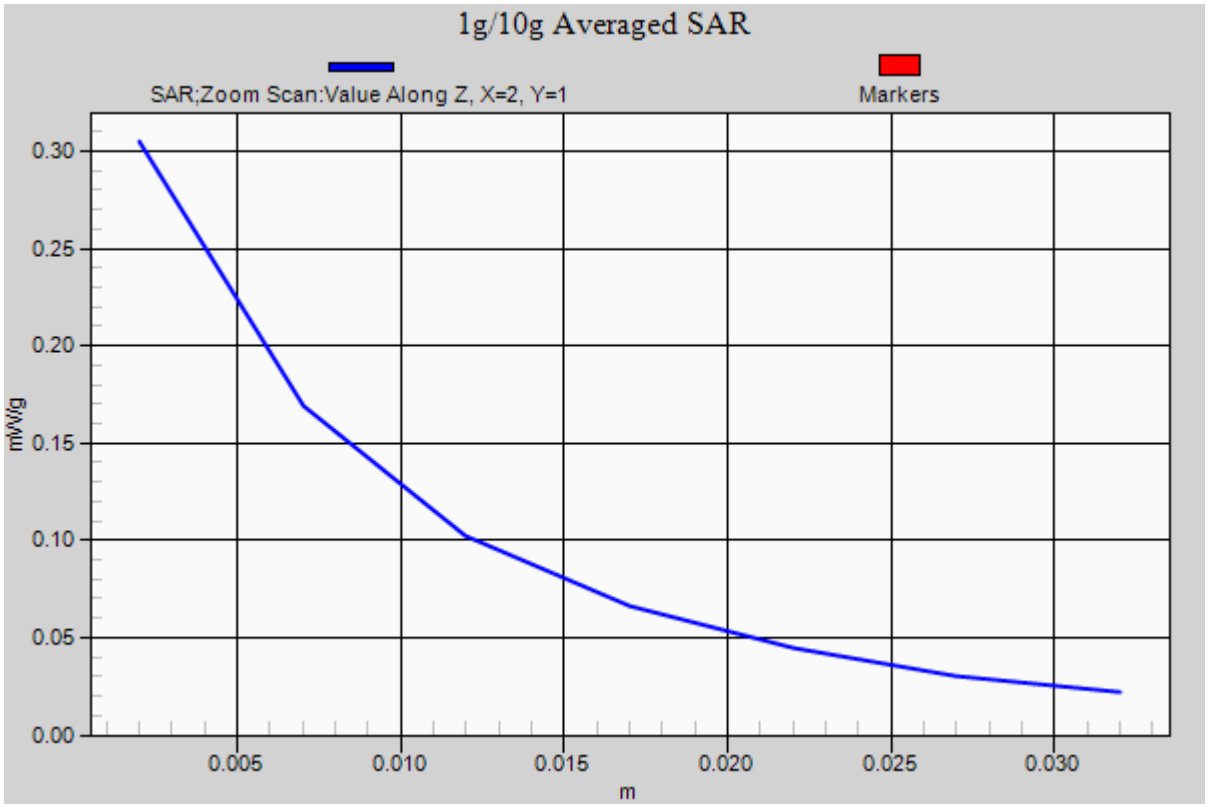
DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.310 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.626 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.314 mW/g
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.273 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.626 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.401 mW/g
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.305 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P58 WCDMA V_RMC12.2k_Left Side_1cm_Ch4182

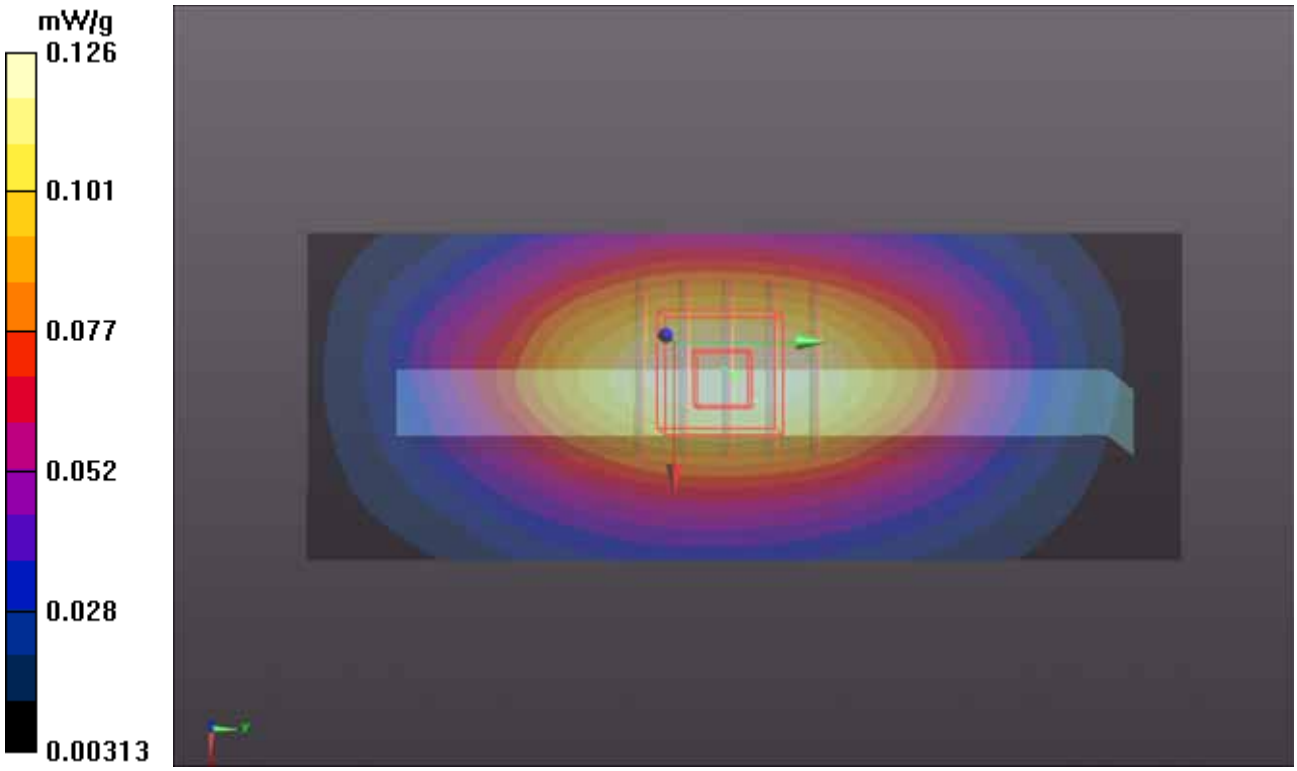
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.485 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.145 mW/g
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



P59 WCDMA V_RMC12.2k_Right Side_1cm_Ch4182

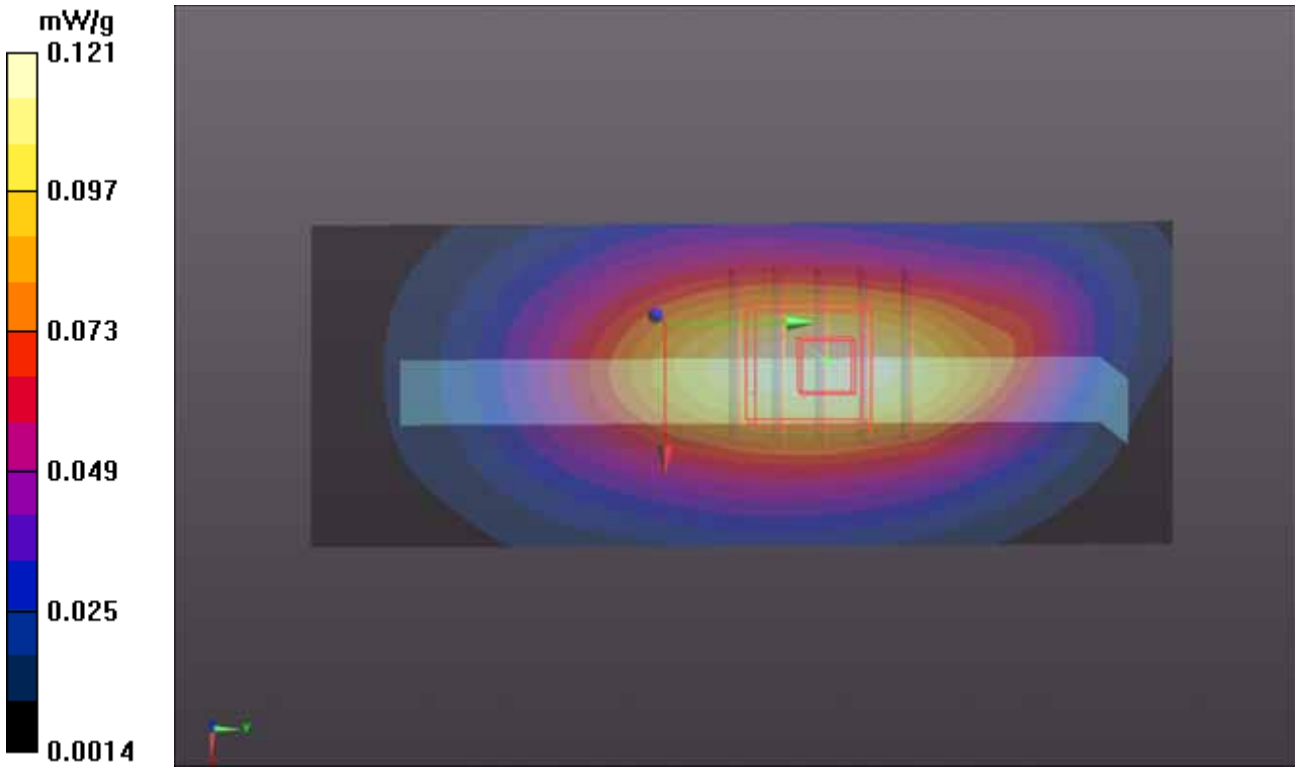
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.998 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.147 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



P61 WCDMA V_RMC12.2k_Bottom Side_1cm_Ch4182

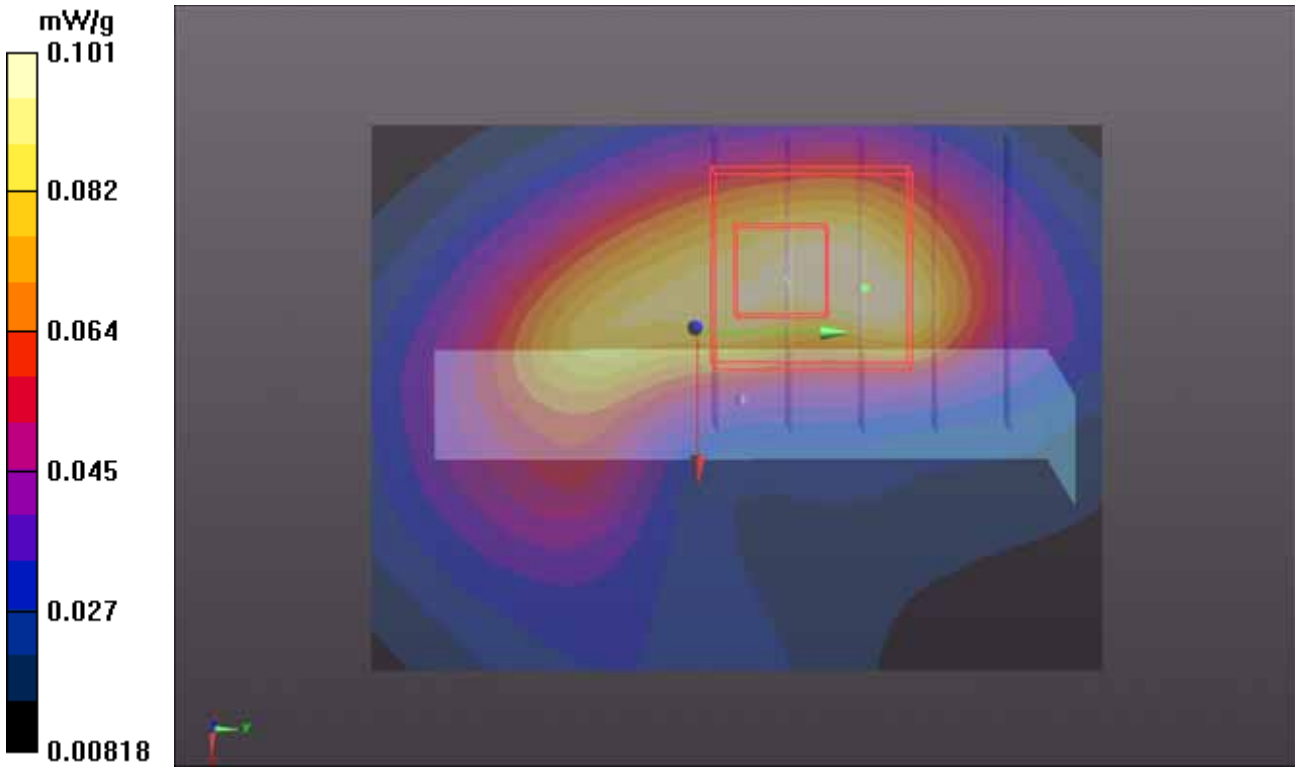
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.307 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.100 mW/g



P62 WCDMA V_RMC12.2k_Front Face_1cm_Ch4182_Earphone

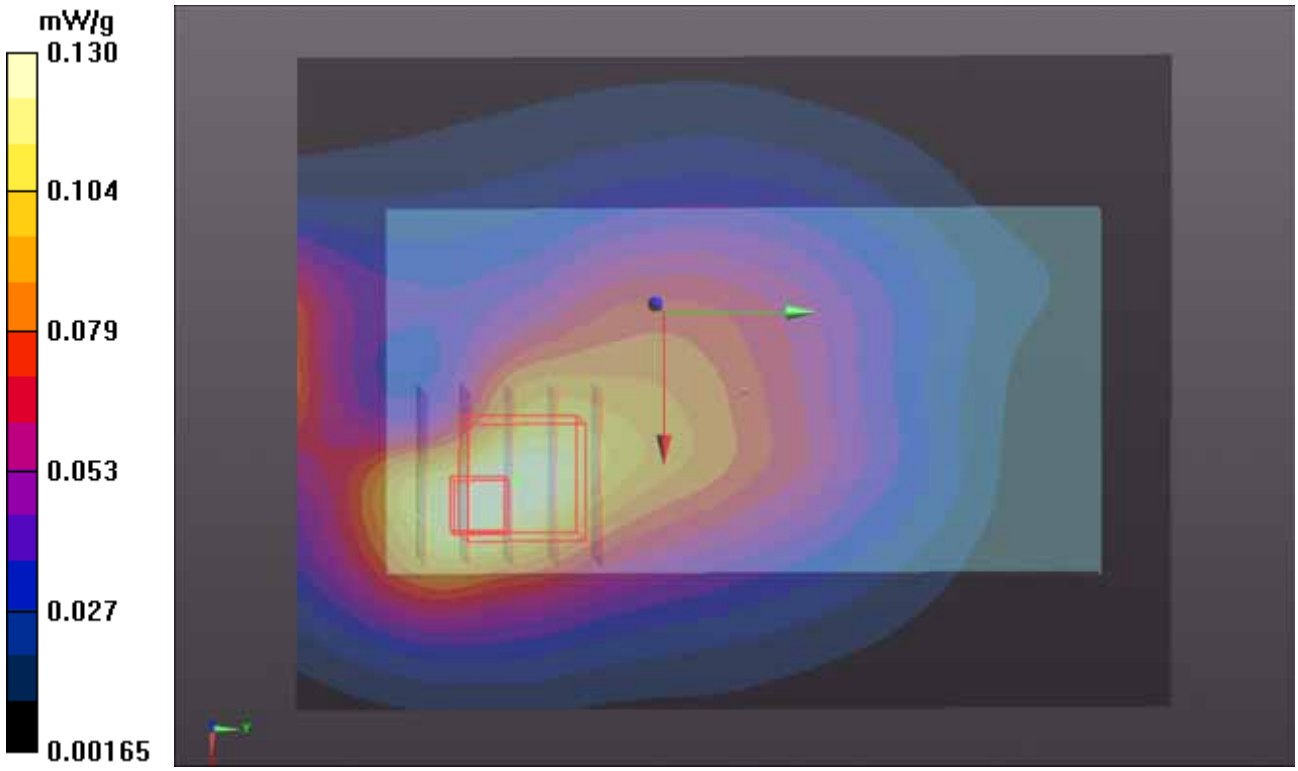
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.130 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.885 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



P63 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4182_Earphone

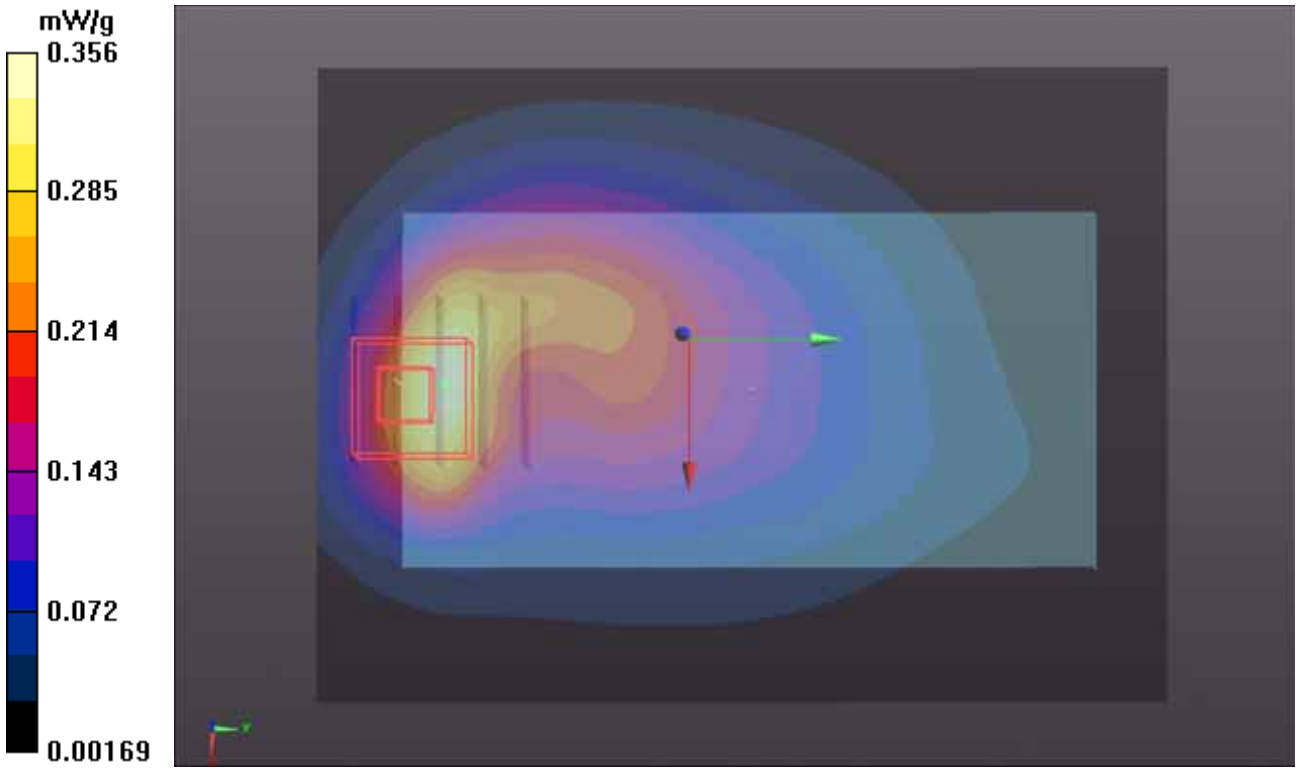
DUT: 120710C03

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0724 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.922; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); 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)

Ch4182/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.045 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.445 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



P64 WCDMA II_RMC12.2k_Front Face _1cm_Ch9262

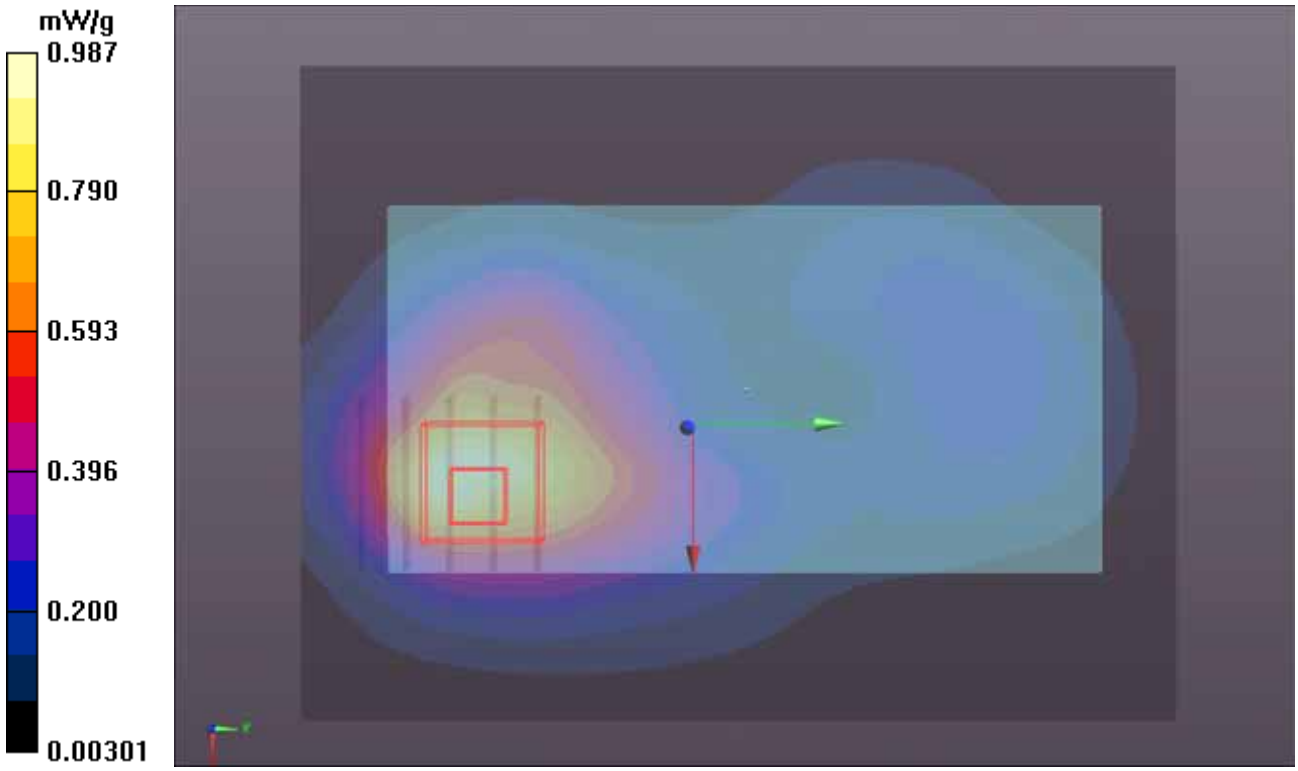
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.987 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.930 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.035 mW/g
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.816 mW/g



P65 WCDMA II_RMC12.2k_Rear Face _1cm_Ch9262

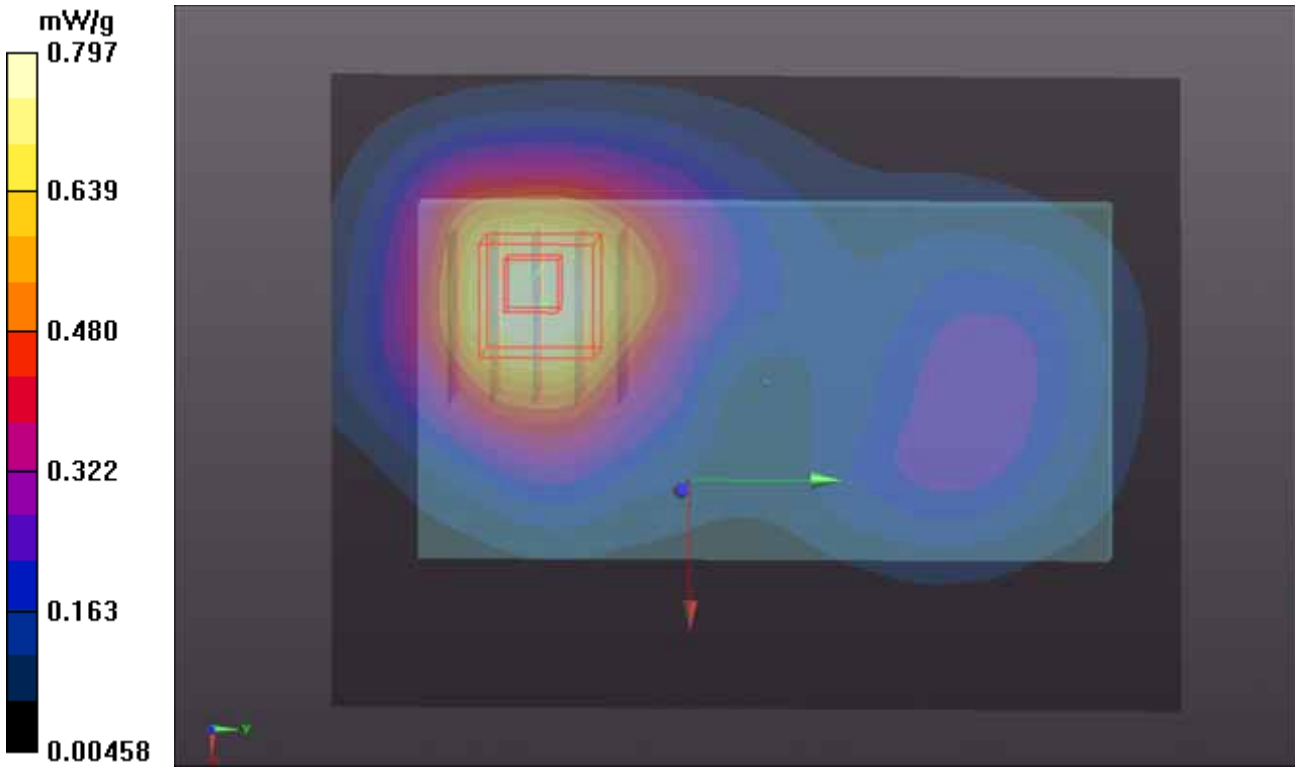
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.797 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.119 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.966 mW/g
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.780 mW/g



P66 WCDMA II_RMC12.2k_Left Side _1cm_Ch9262

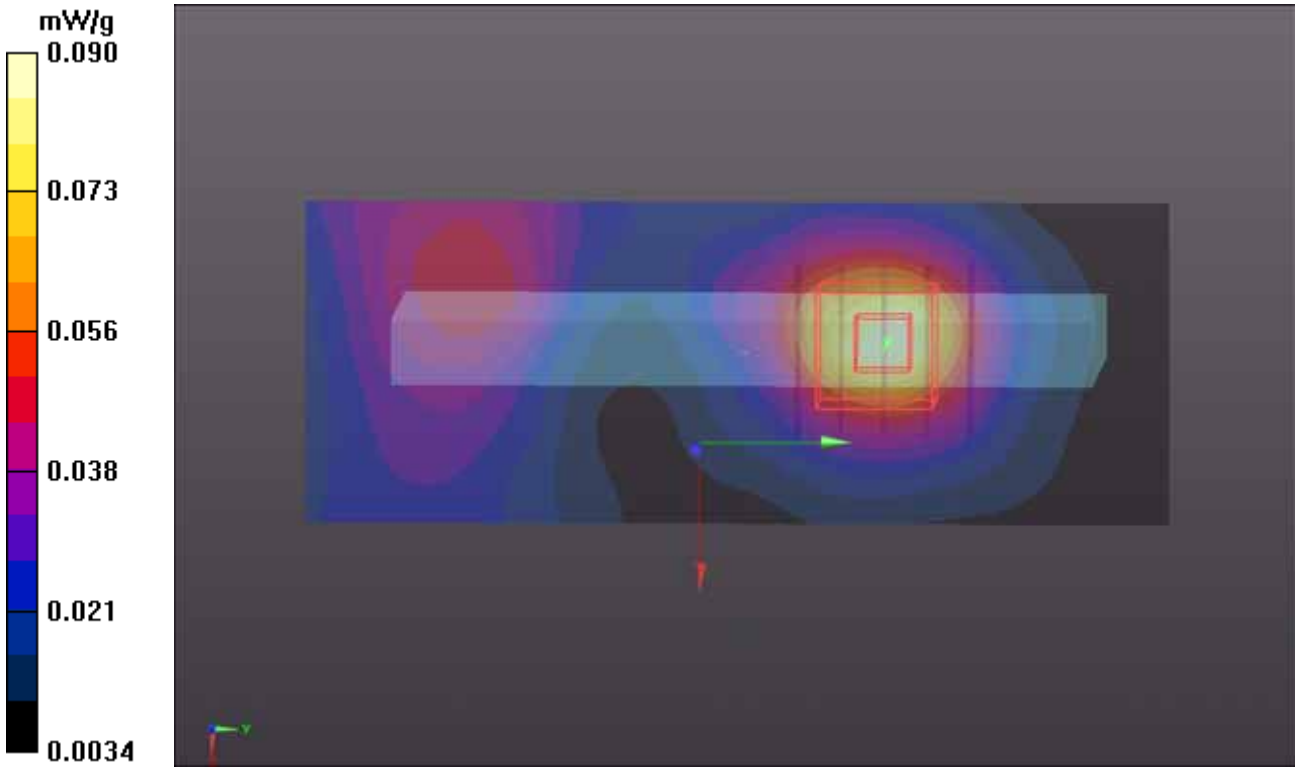
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0905 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.773 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.102 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.0844 mW/g



P67 WCDMA II_RMC12.2k_Right Side _1cm_Ch9262

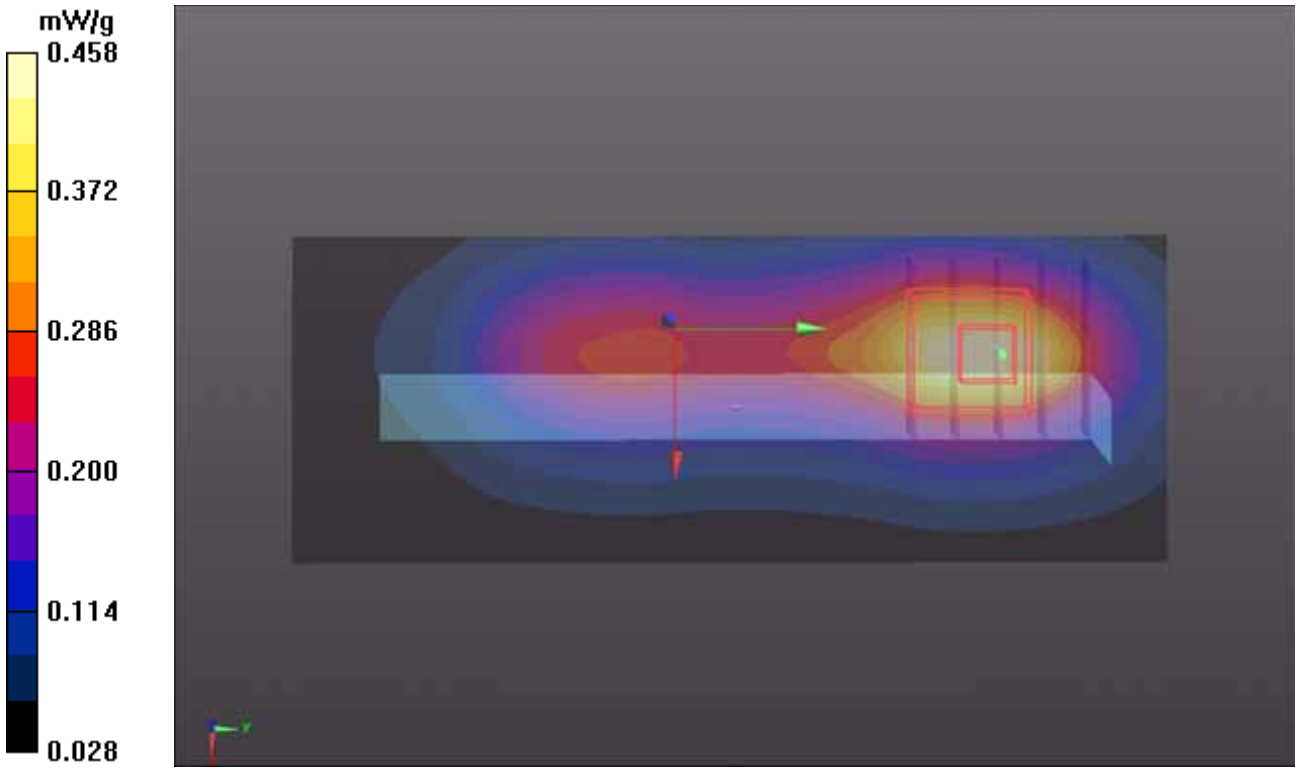
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.458 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.290 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.574 mW/g
SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.467 mW/g



P69 WCDMA II_RMC12.2k_Bottom Side _1cm_Ch9262

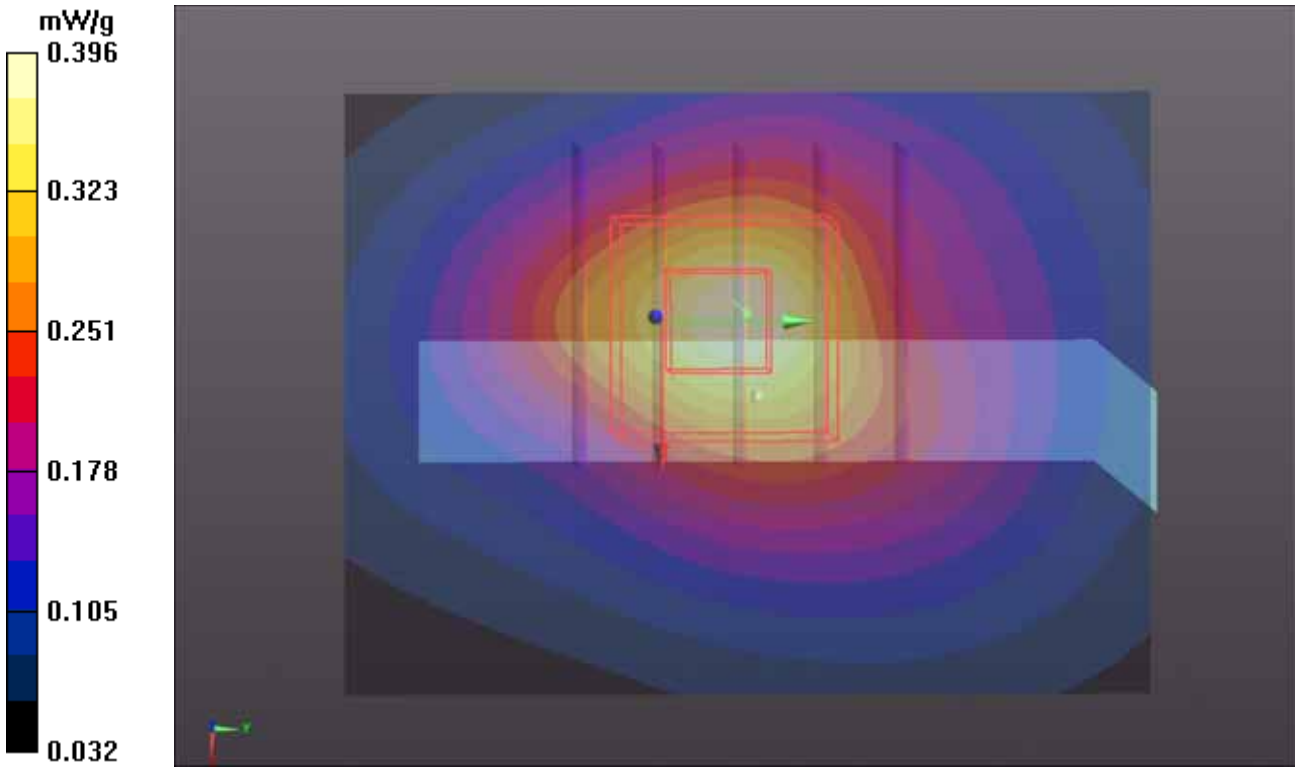
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (31x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.396 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.923 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.504 mW/g
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.402 mW/g



P72 WCDMA II_RMC12.2k_Front Face _1cm_Ch9262_Earphone

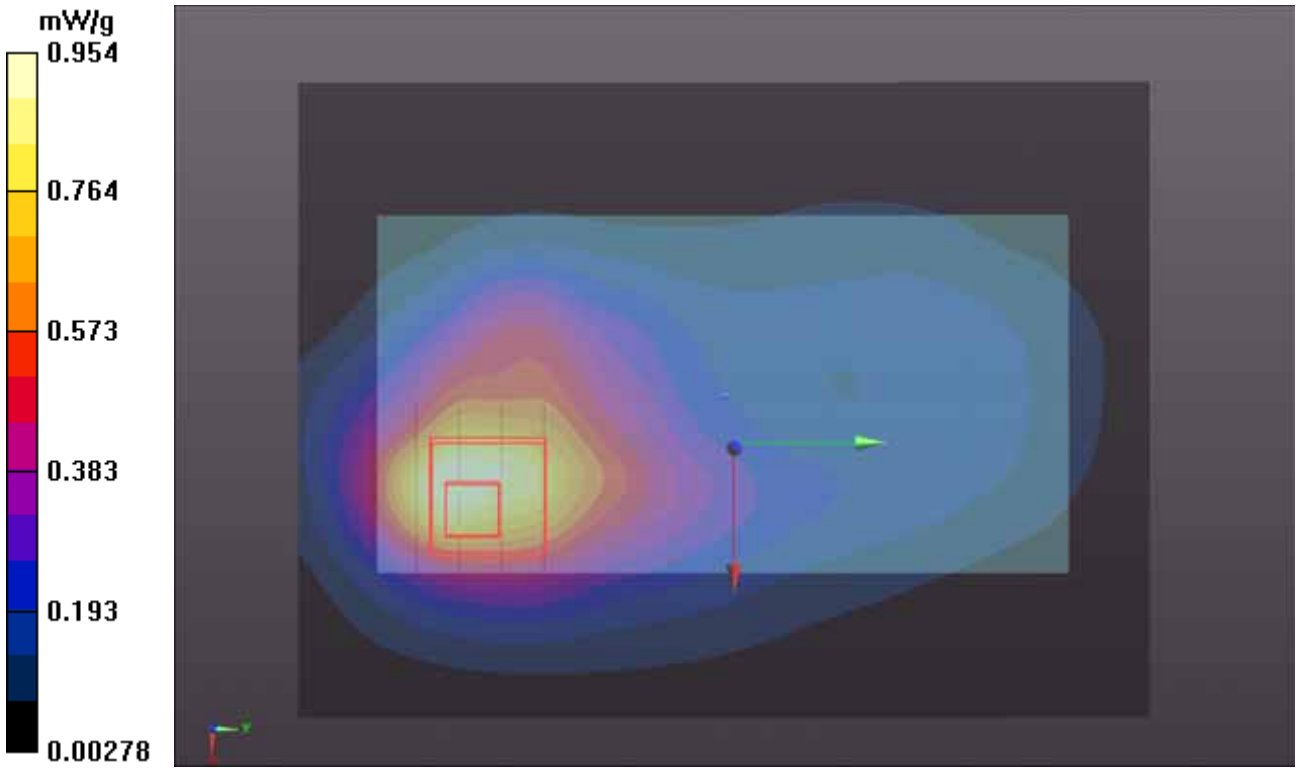
DUT: 120710C03

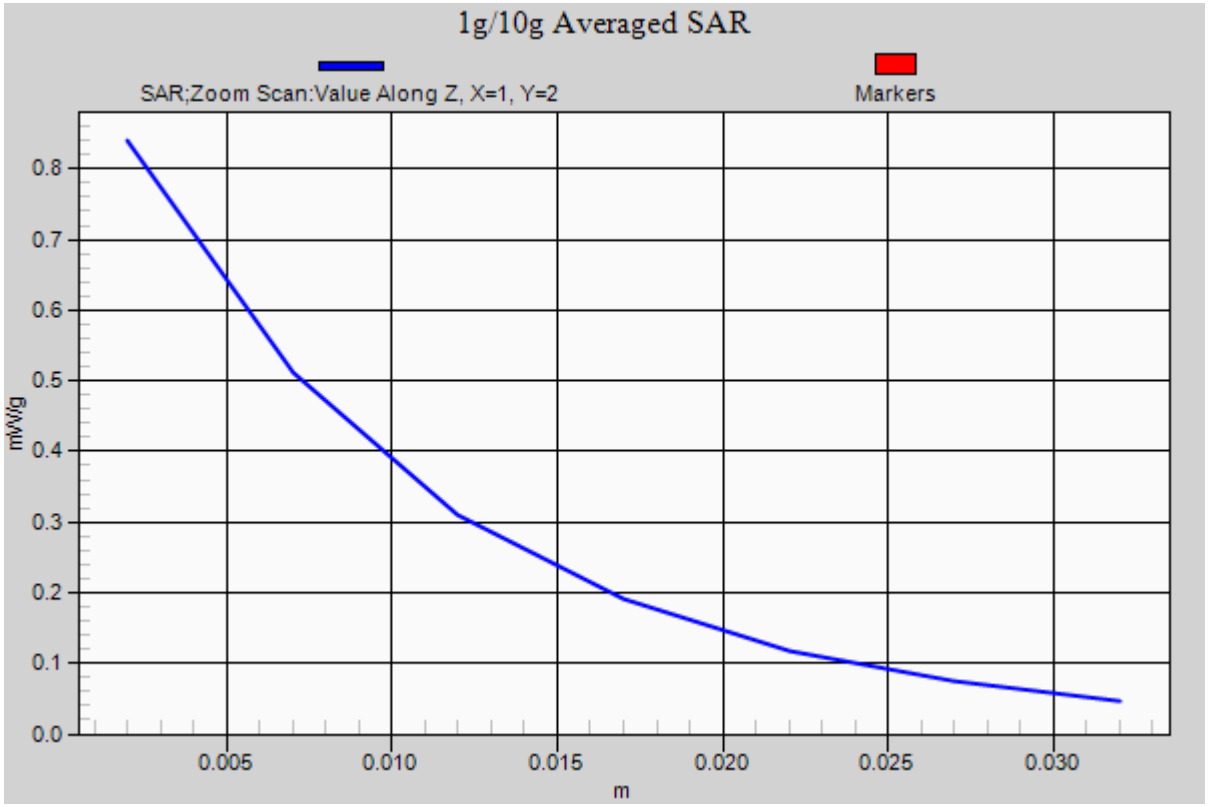
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.057 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.072 mW/g
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.840 mW/g




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

P73 WCDMA II_RMC12.2k_Rear Face _1cm_Ch9262_Earphone

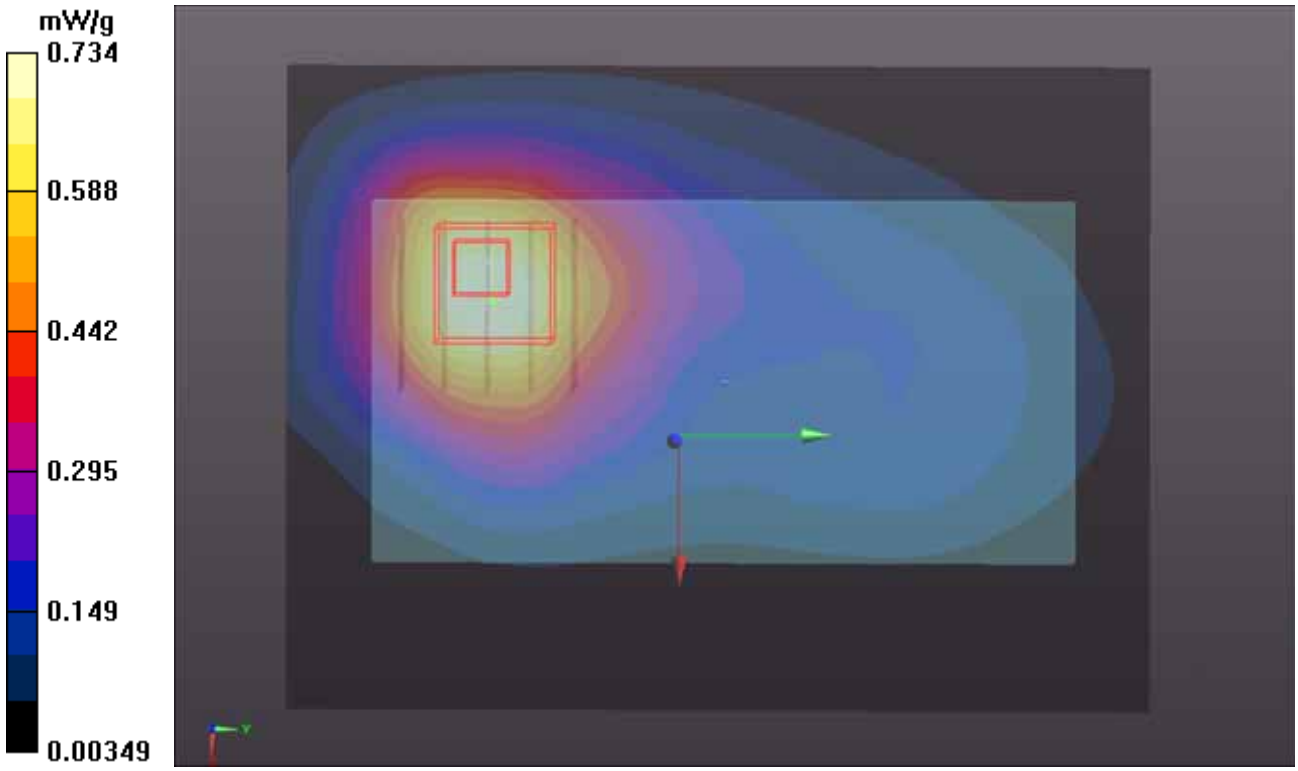
DUT: 120710C03

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε_r = 52.991; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.1 ℃

DASY5 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: 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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.734 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.480 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.906 mW/g
SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 0.732 mW/g



P345 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_25RB_Offset 12

DUT: 120710C03

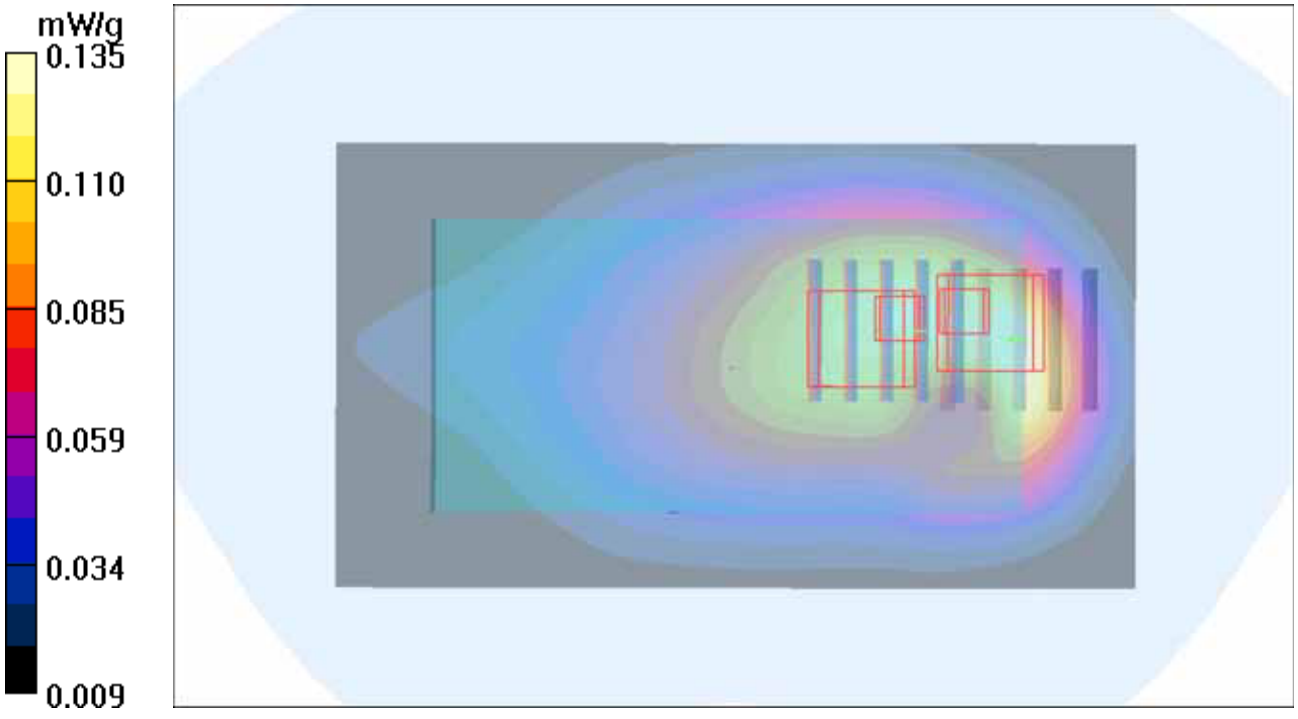
Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.99 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.99 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.135 mW/g



P346 LTE 17_QPSK_10M_Rear Face _1cm_Ch23780_25RB_Offset 12

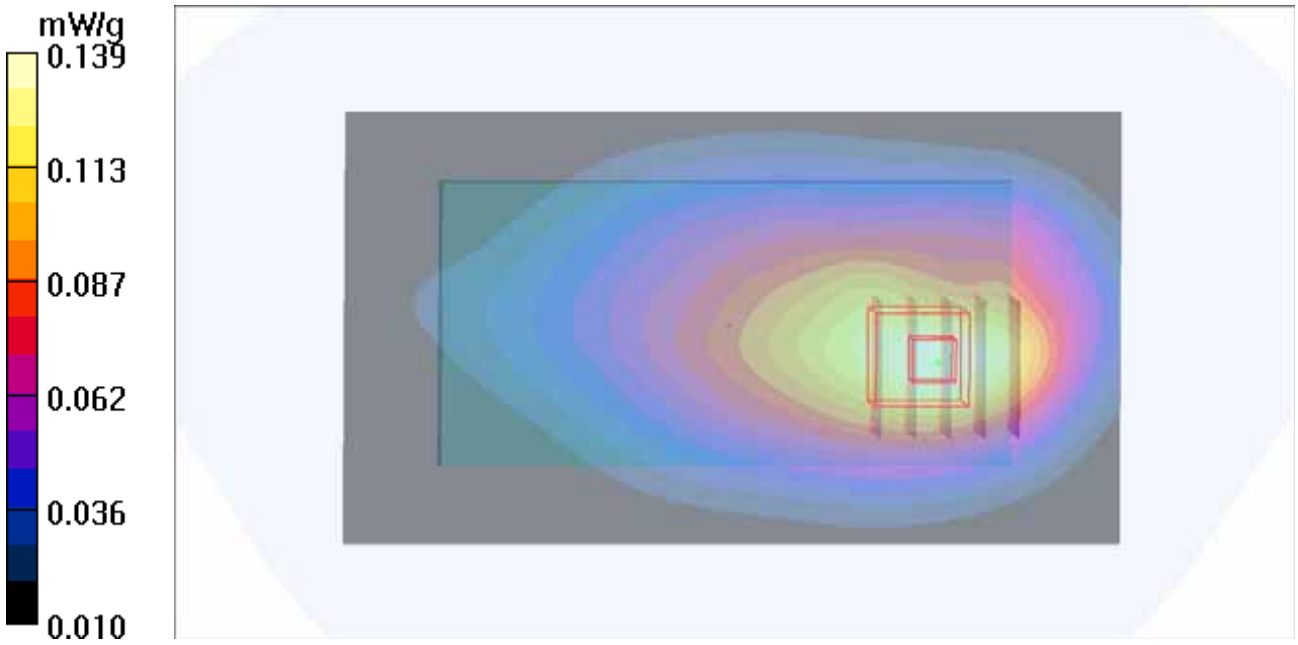
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.65 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.139 mW/g



P347 LTE 17_QPSK_10M_Left Side _1cm_Ch23780_25RB_Offset 12

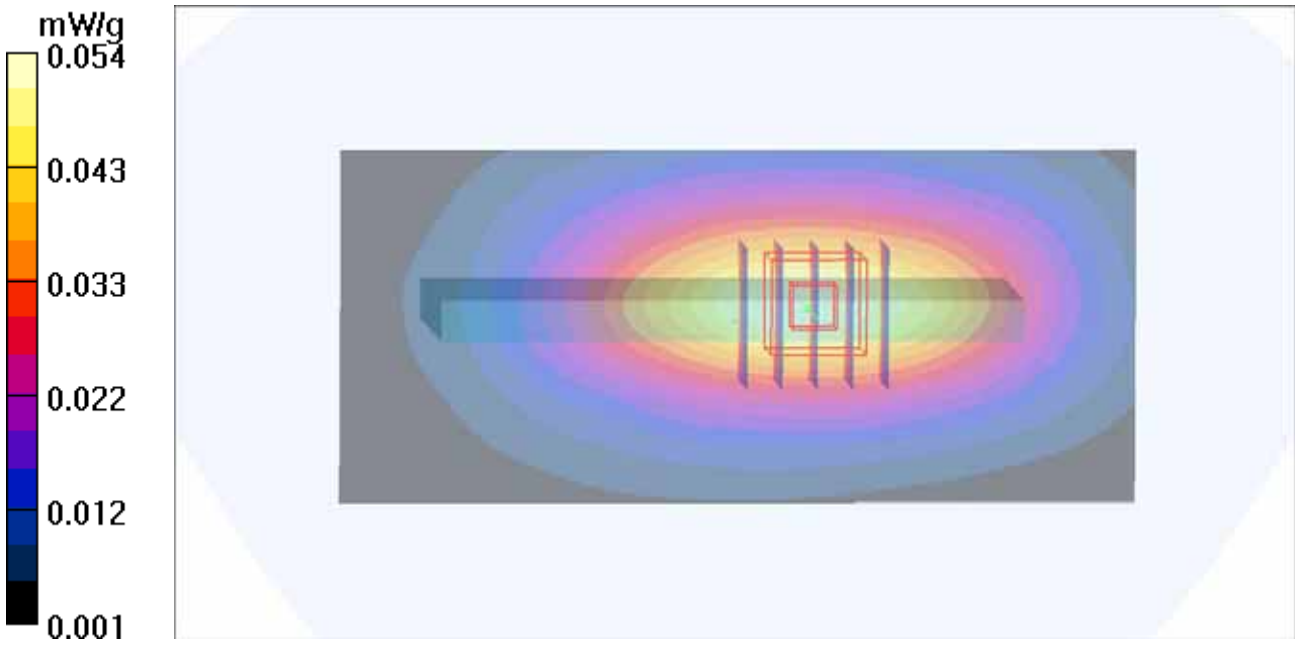
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.054 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.19 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.054 mW/g



P348 LTE 17_QPSK_10M_Right Side _1cm_Ch23780_25RB_Offset 12

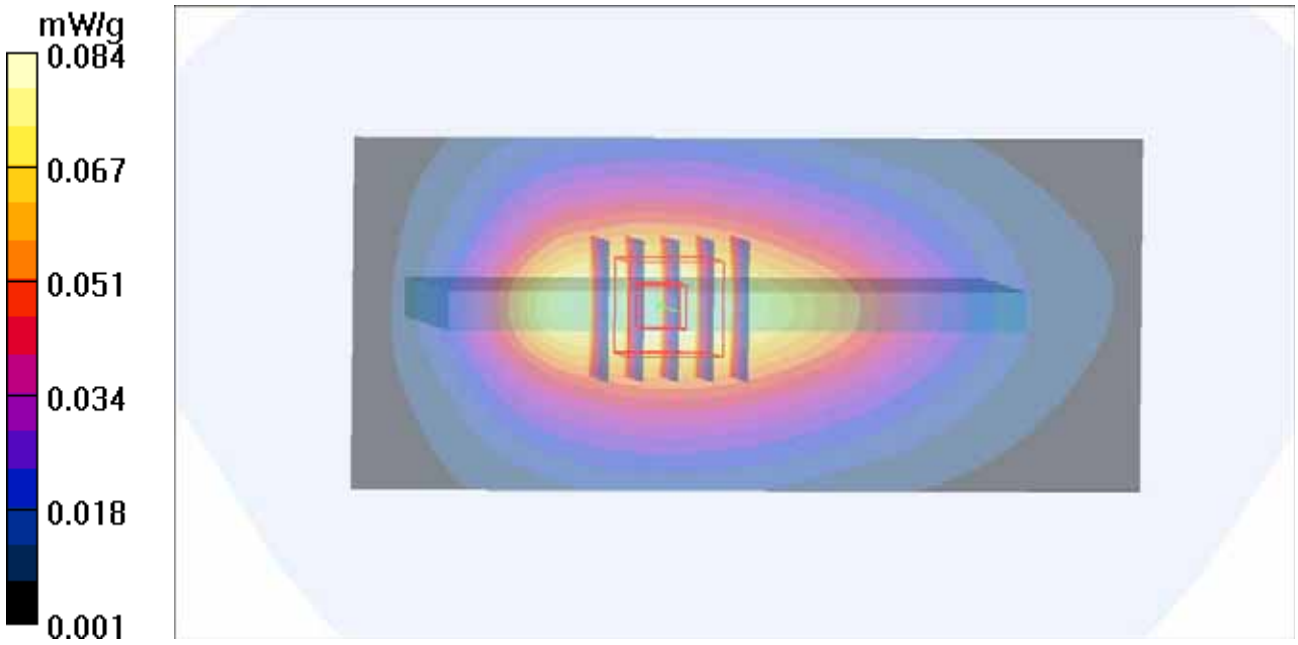
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.24 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.095 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



P349 LTE 17_QPSK_10M_Top _1cm_Ch23780_25RB_Offset 12

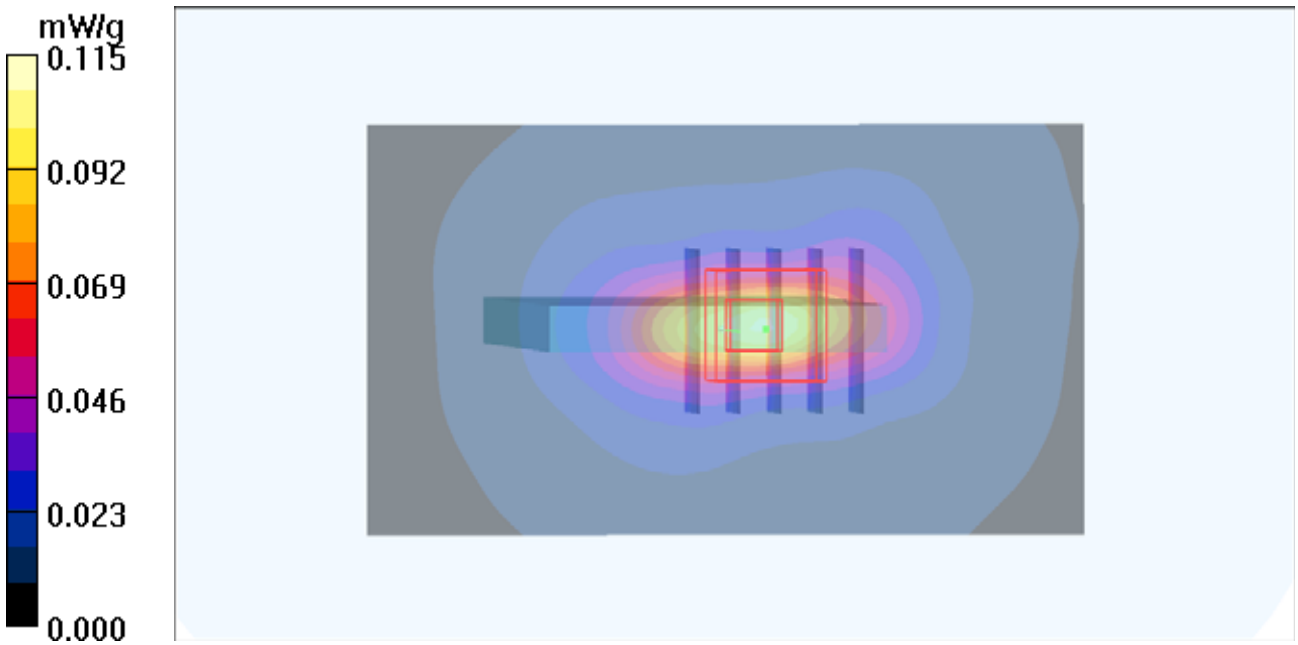
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.115 mW/g



P350 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_1RB_Offset 0

DUT: 120710C03

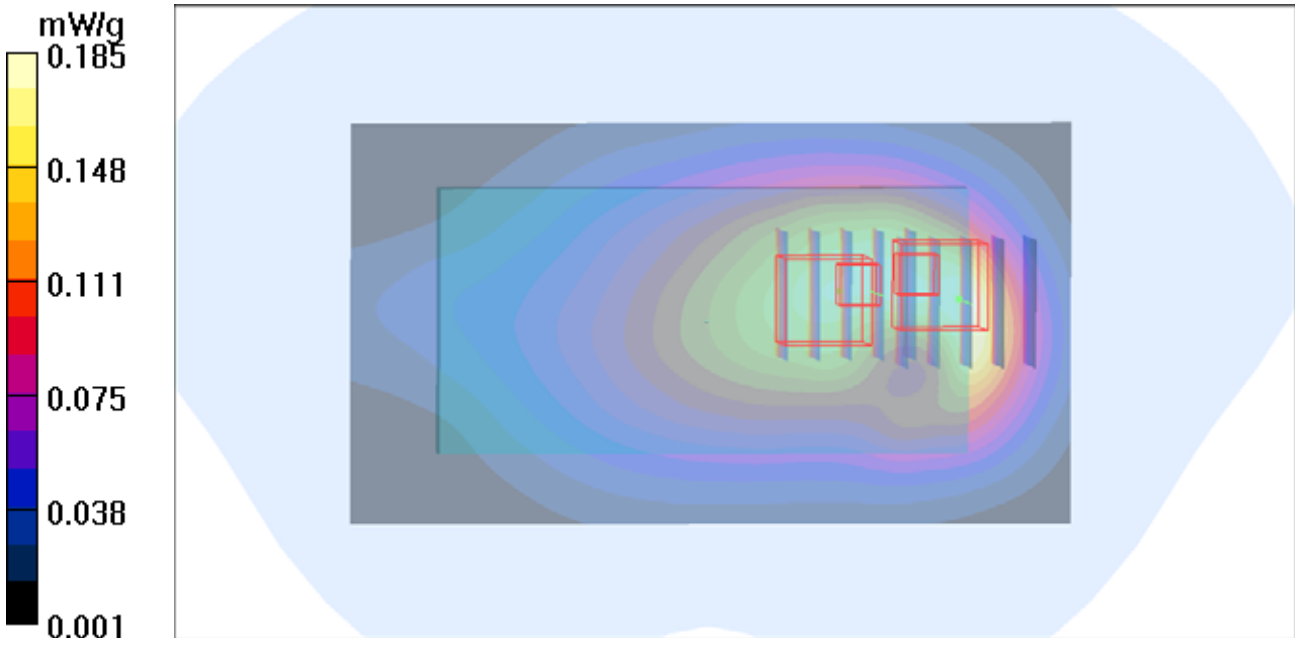
Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.185 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.182 mW/g



P351 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_1RB_Offset 0

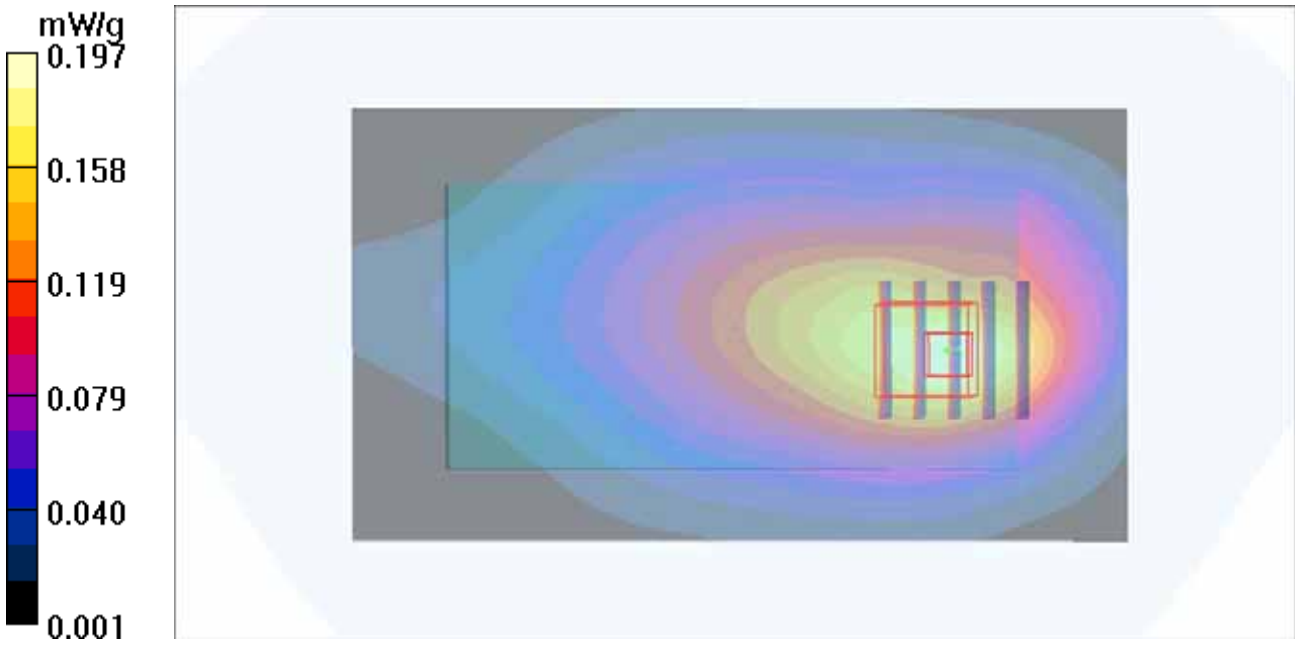
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.197 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



P352 LTE 17_QPSK_10M_Left Side _1cm_Ch23780_1RB_Offset 0

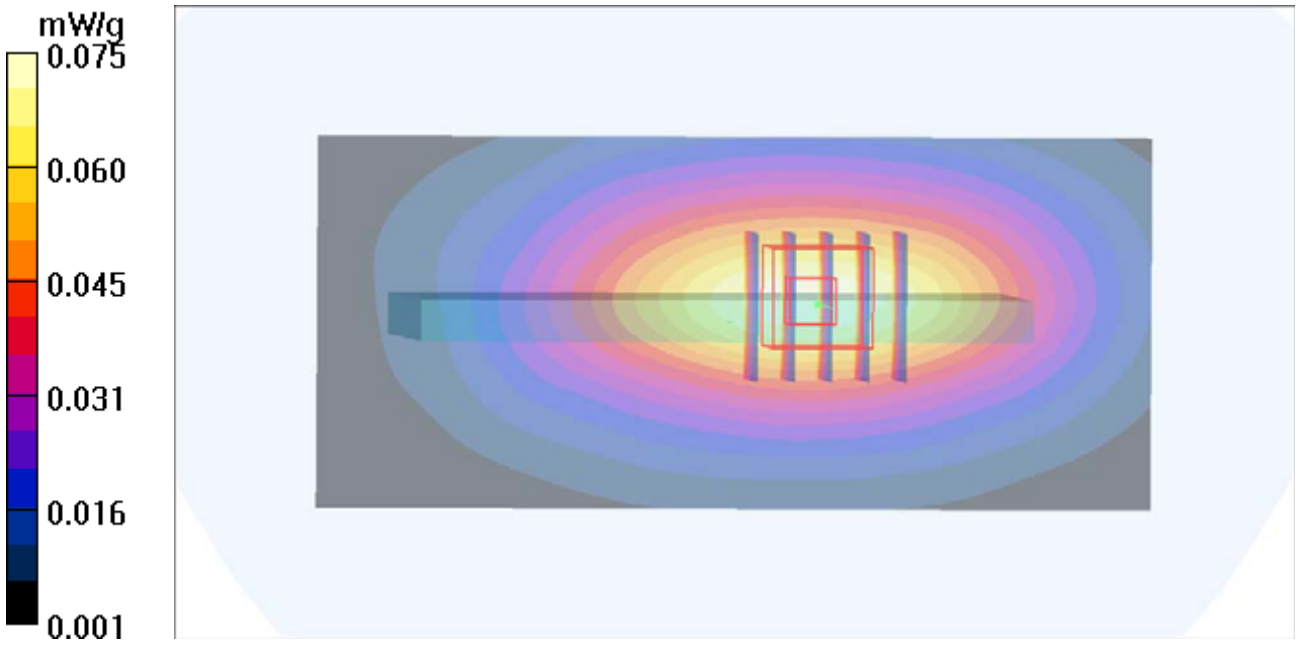
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.54 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.075 mW/g



P353 LTE 17_QPSK_10M_Right Side _1cm_Ch23780_1RB_Offset 0

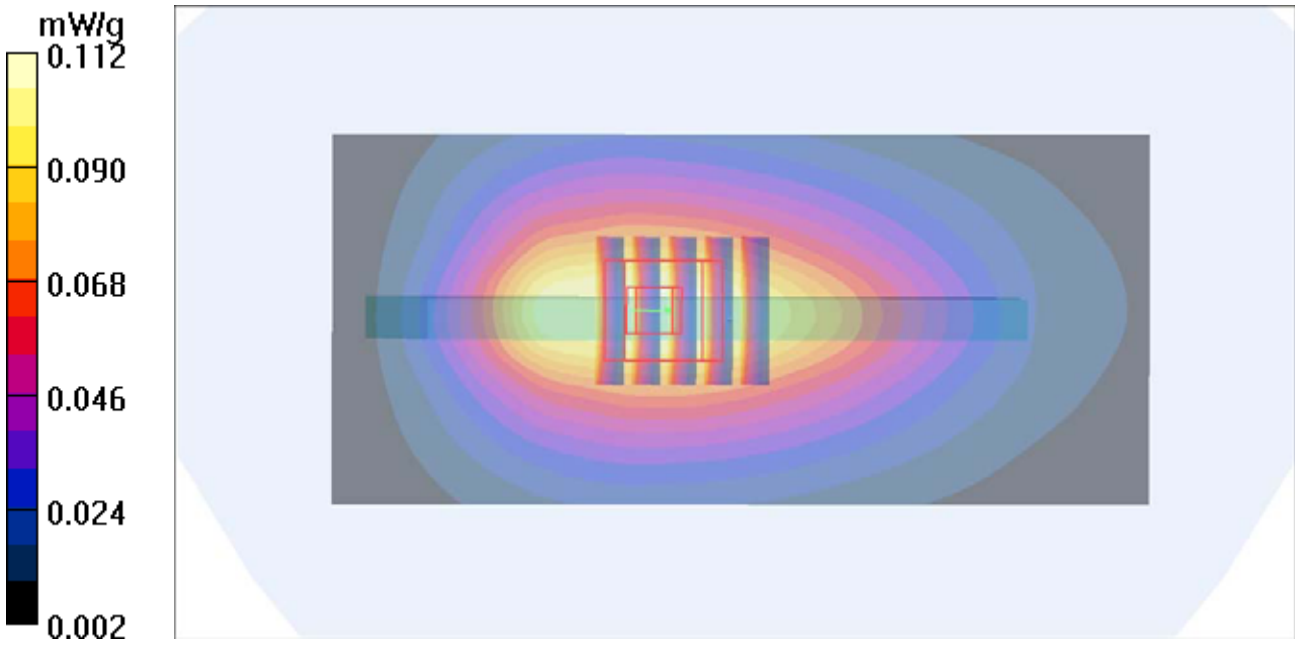
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.110 mW/g



P354 LTE 17_QPSK_10M_Top_1cm_Ch23780_1RB_Offset 0

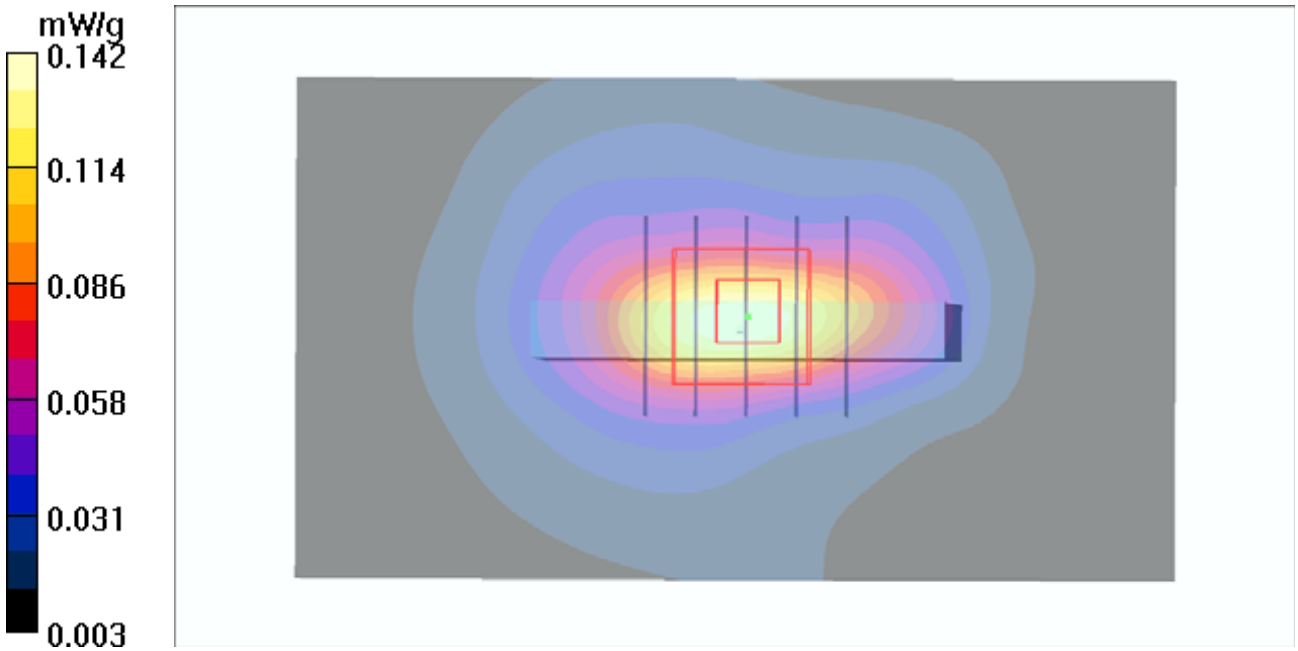
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.142 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



P355 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_1RB_Offset 49

DUT: 120710C03

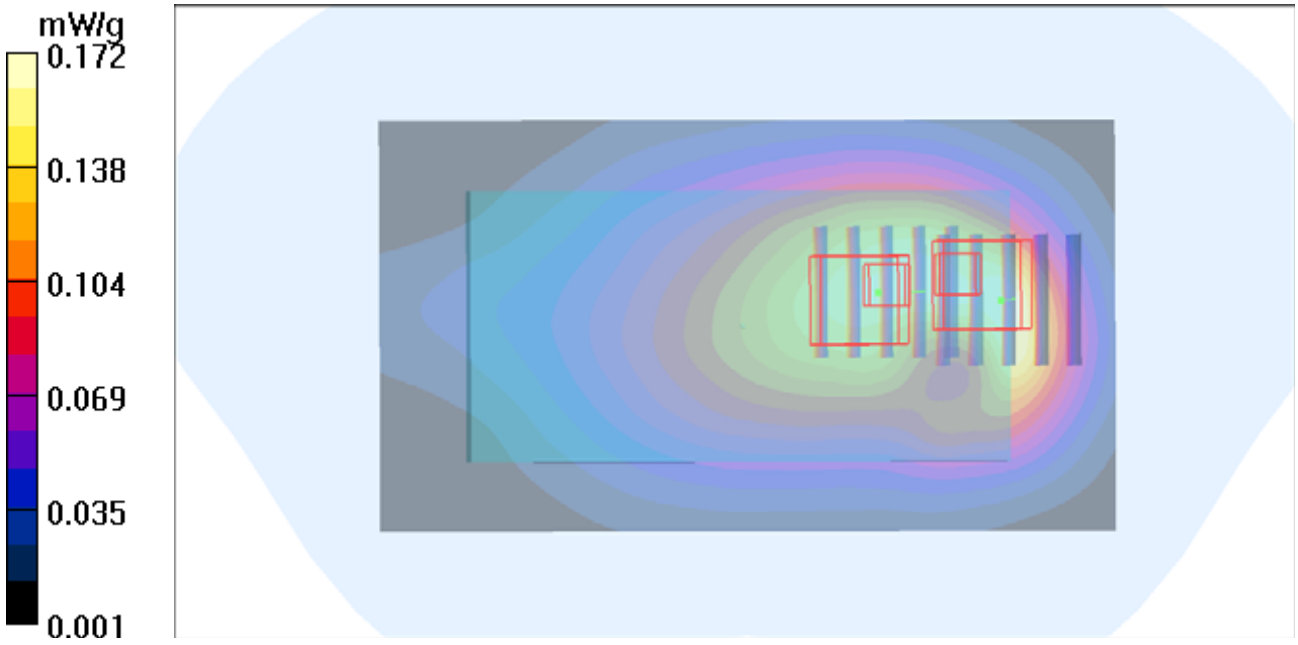
Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.172 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.168 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



P356 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_1RB_Offset 49

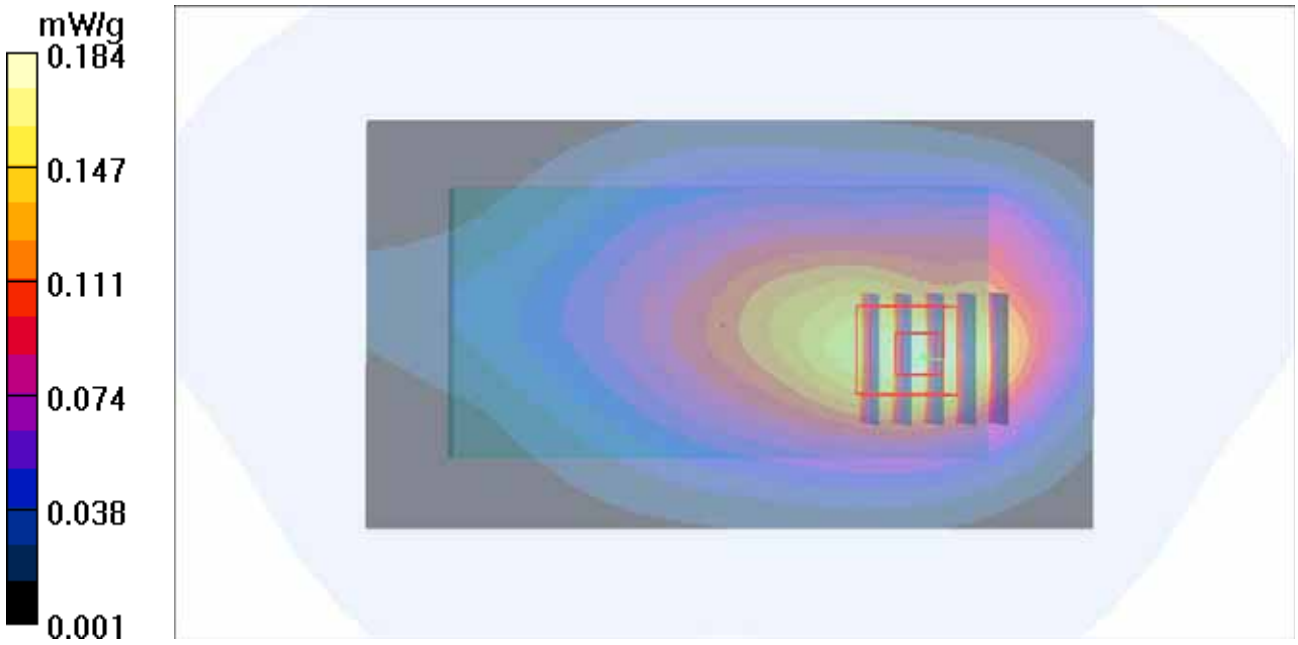
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.182 mW/g



P357 LTE 17_QPSK_10M_Left Side _1cm_Ch23780_1RB_Offset 49

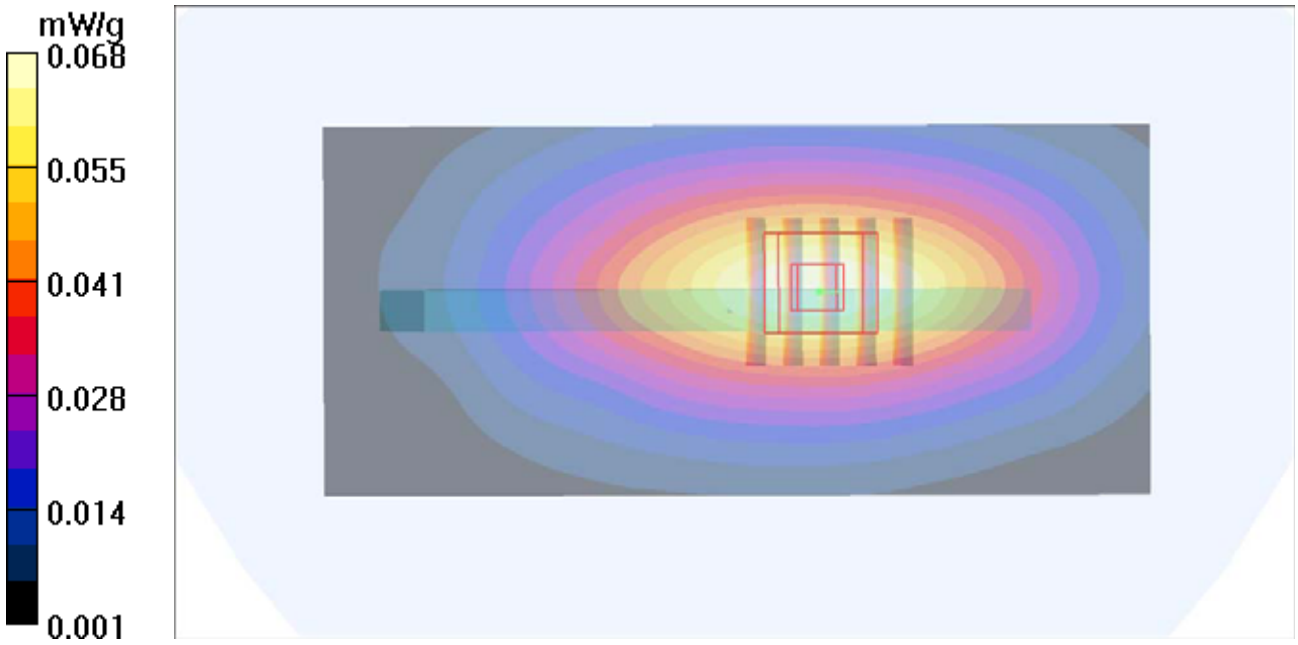
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.068 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.10 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



P358 LTE 17_QPSK_10M_Right Side _1cm_Ch23780_1RB_Offset 49

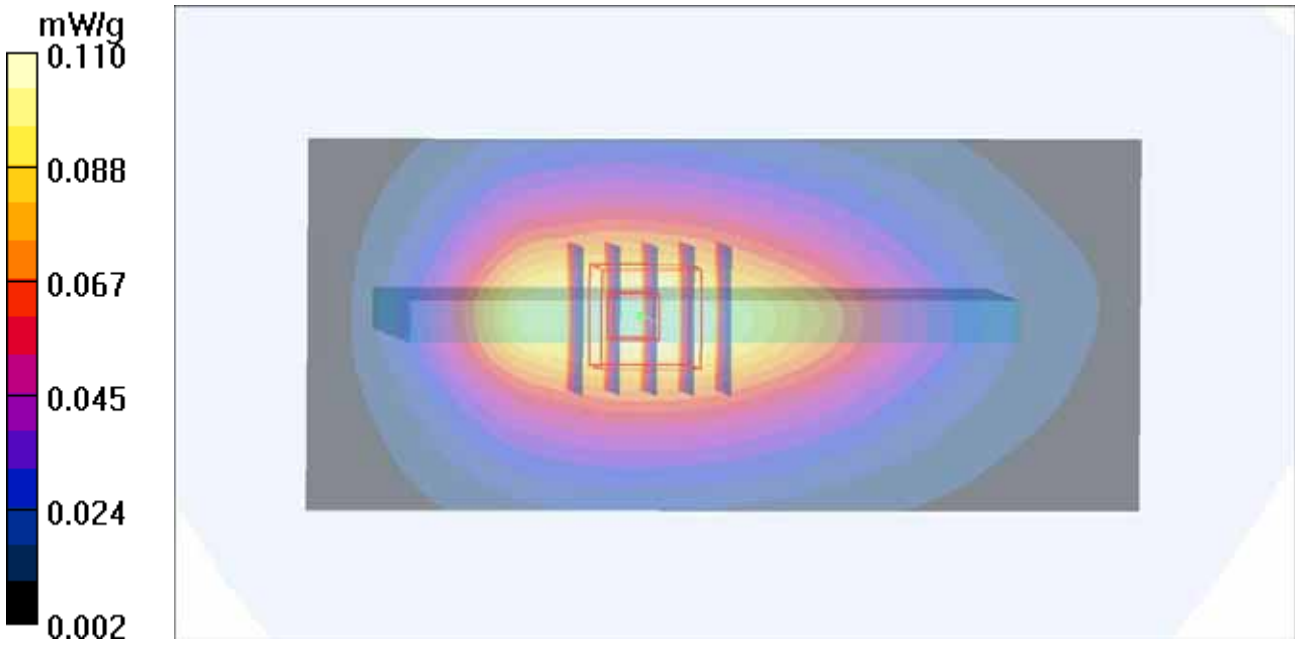
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.110 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.108 mW/g



P359 LTE 17_QPSK_10M_Top_1cm_Ch23780_1RB_Offset 49

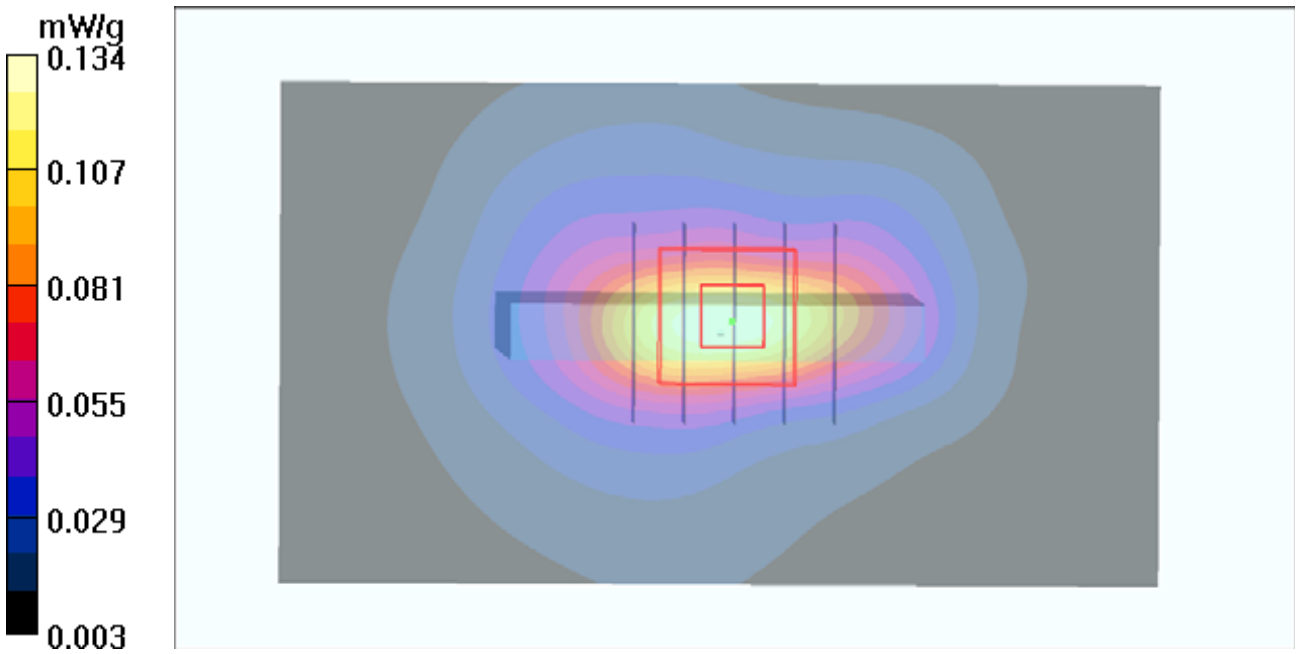
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



P360 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_25RB_Offset 12

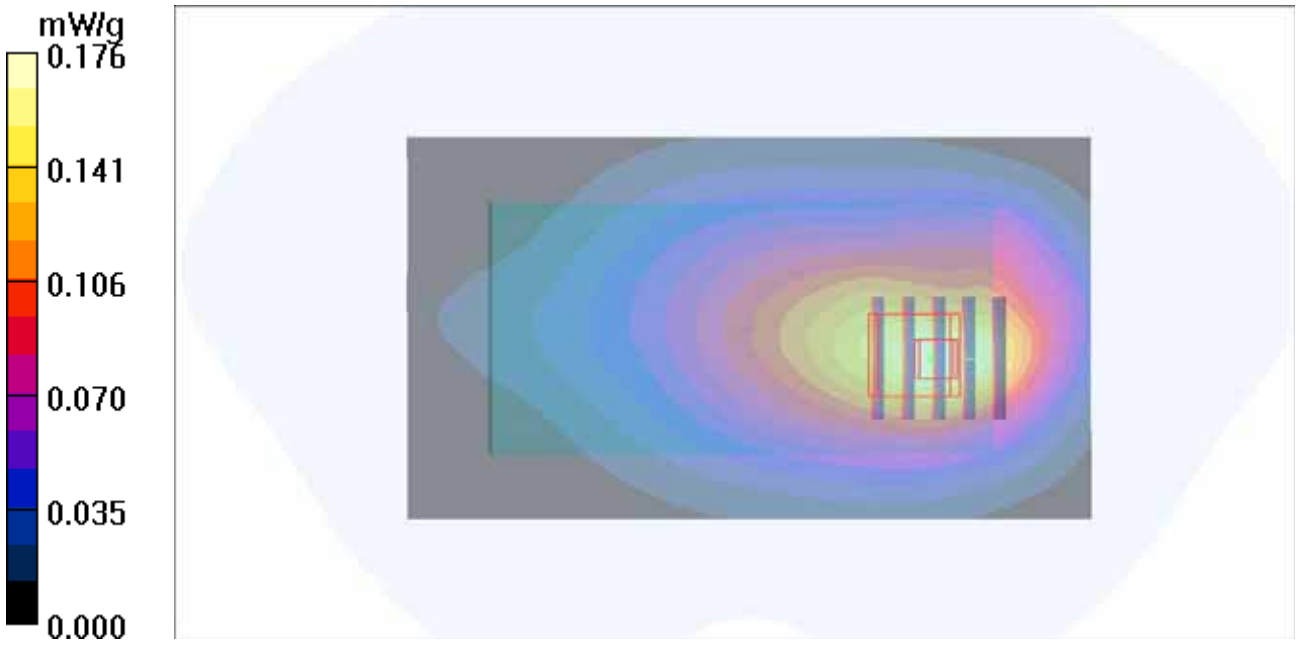
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



P361 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_1RB_Offset 0

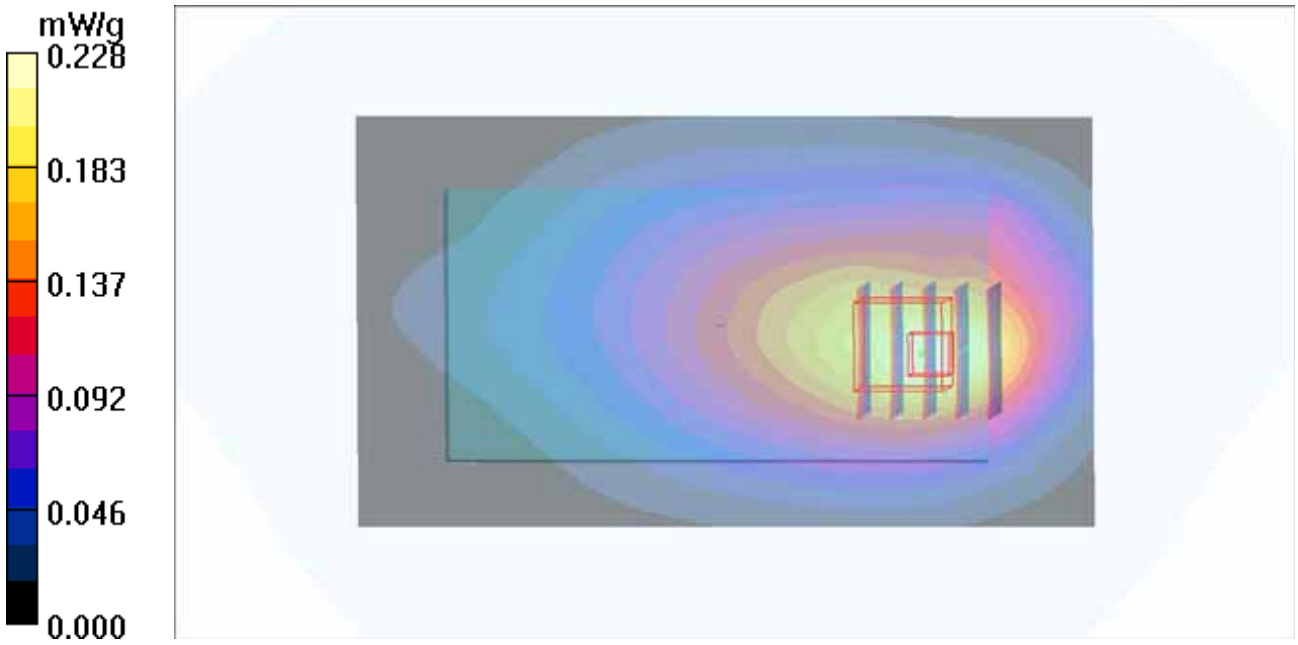
DUT: 120710C03

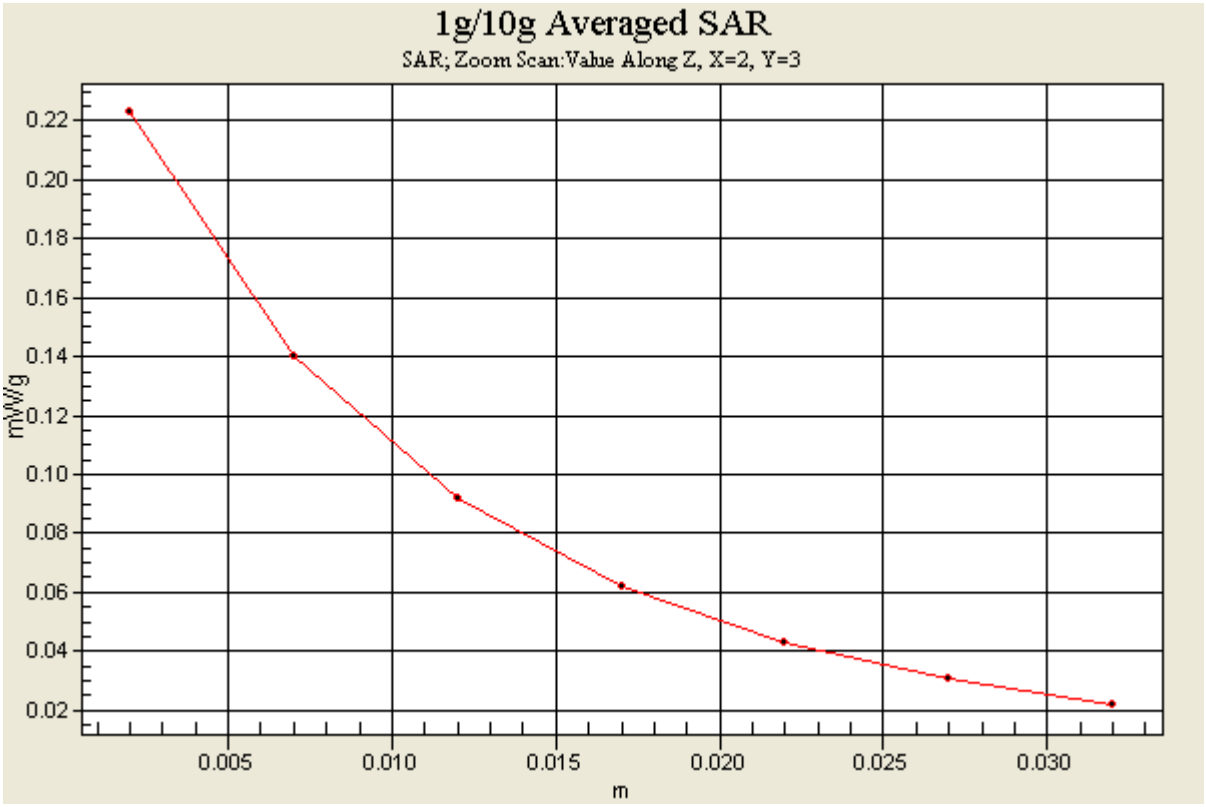
Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.228 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.223 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=3
mW/g
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.005
0.010
0.015
0.020
0.025
0.030
m

P362 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_1RB_Offset 49

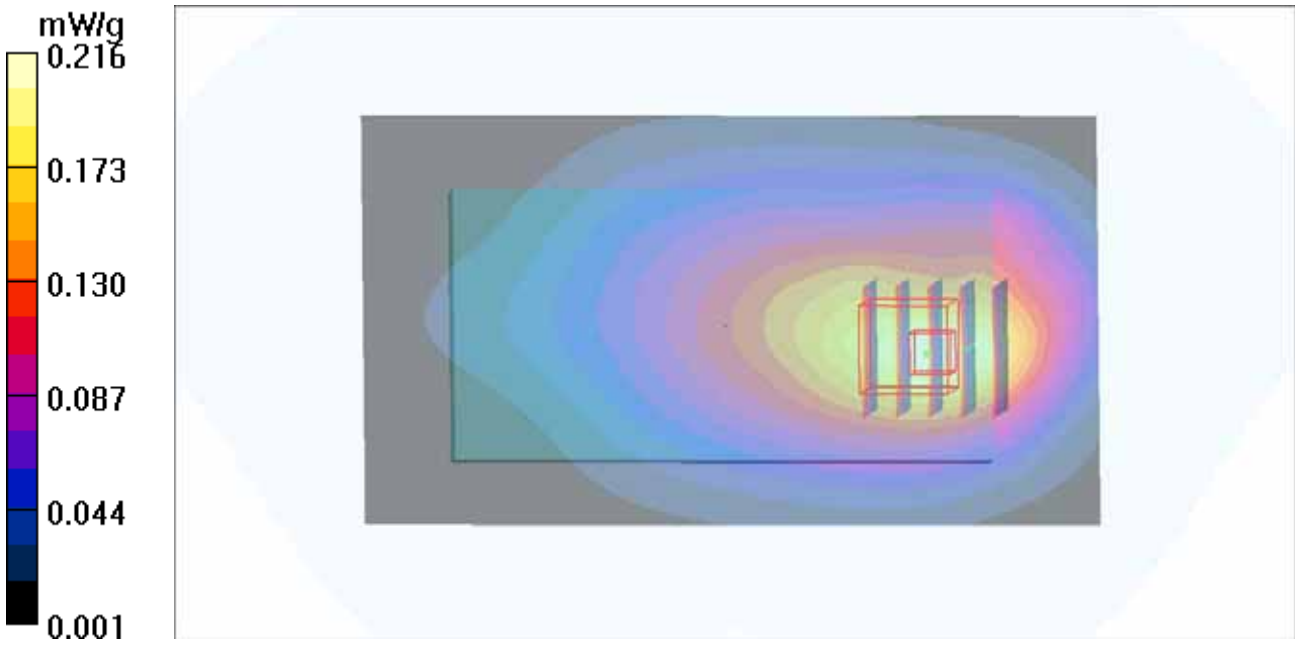
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.216 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.215 mW/g



P363 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_25RB_Offset 12_Earphone

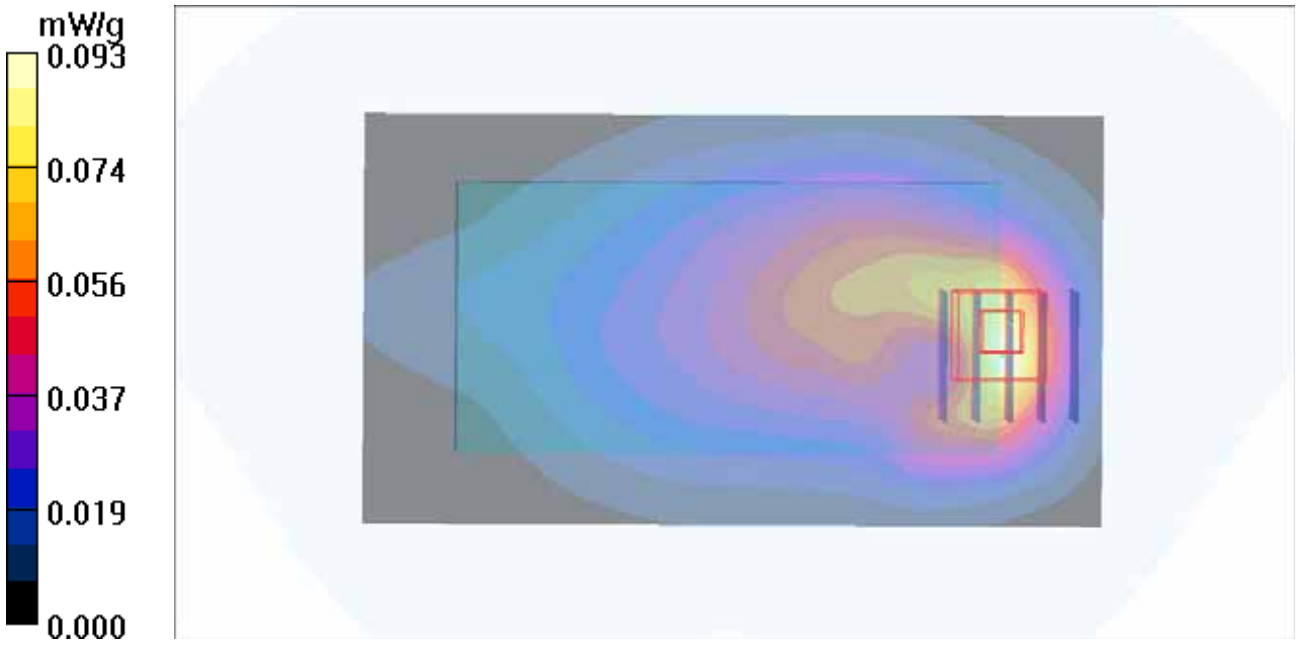
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.78 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.096 mW/g



P364 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_25RB_Offset 12_Earphone

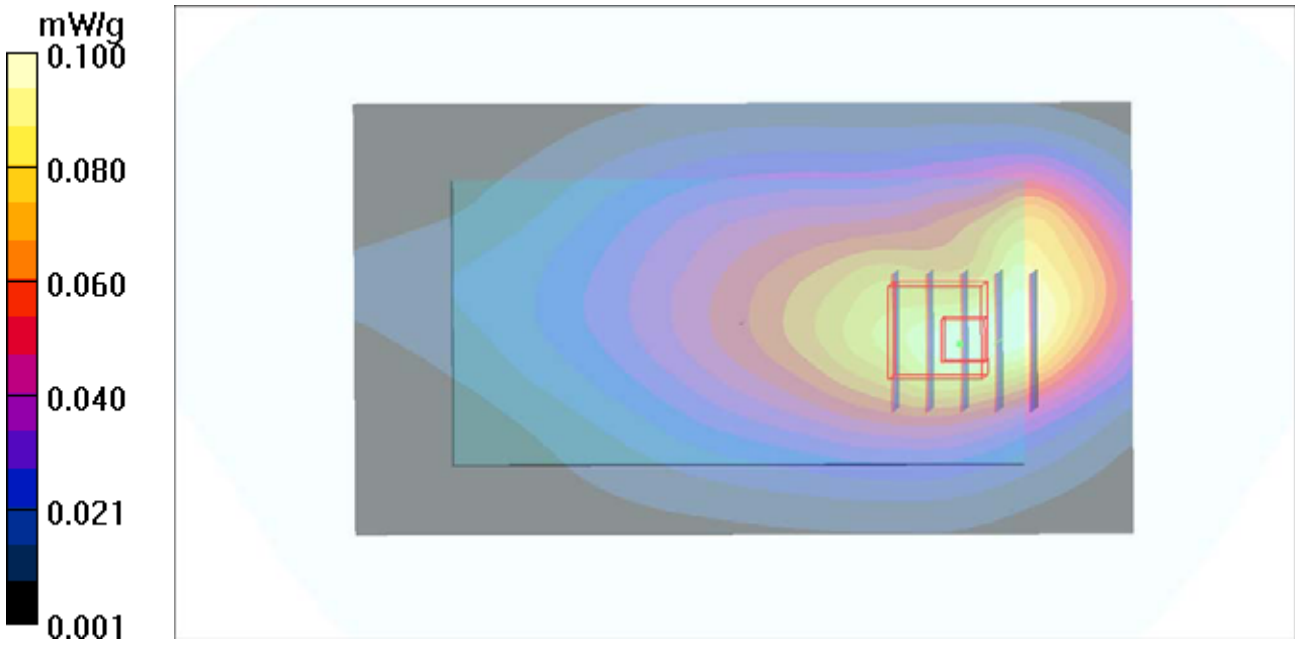
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.100 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.50 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.103 mW/g



P365 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_1RB_Offset 0_Earphone

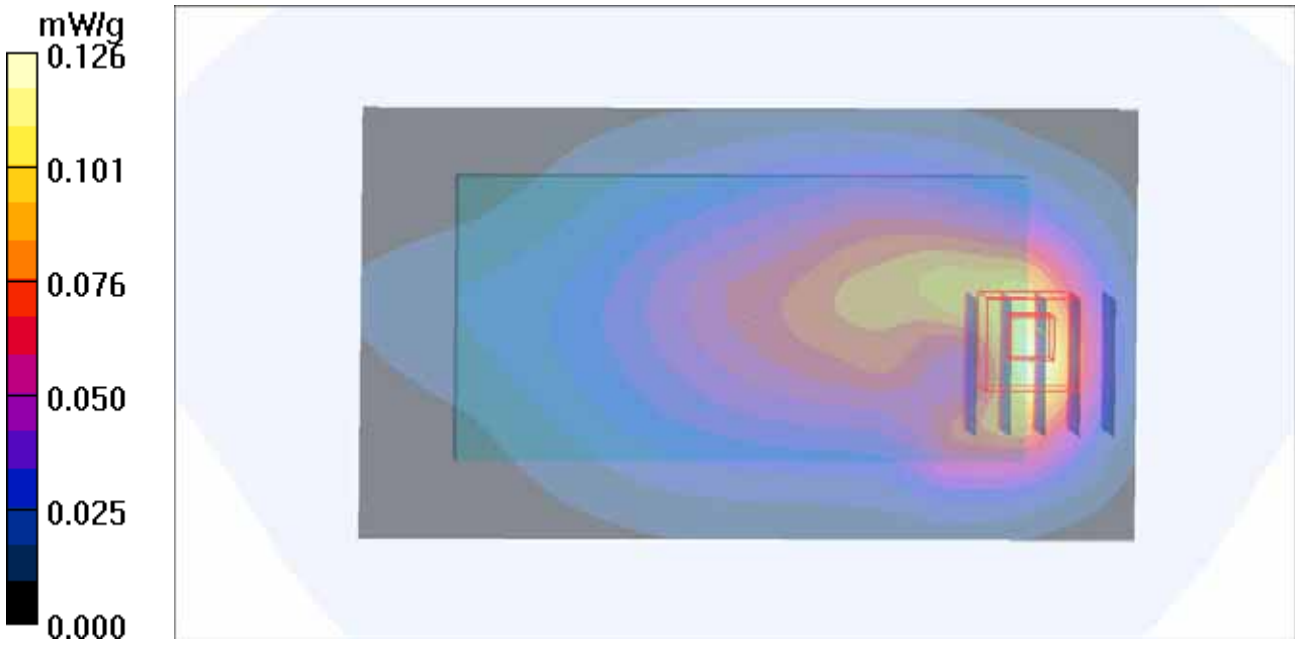
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.99 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.130 mW/g



P366 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_1RB_Offset 0_Earphone

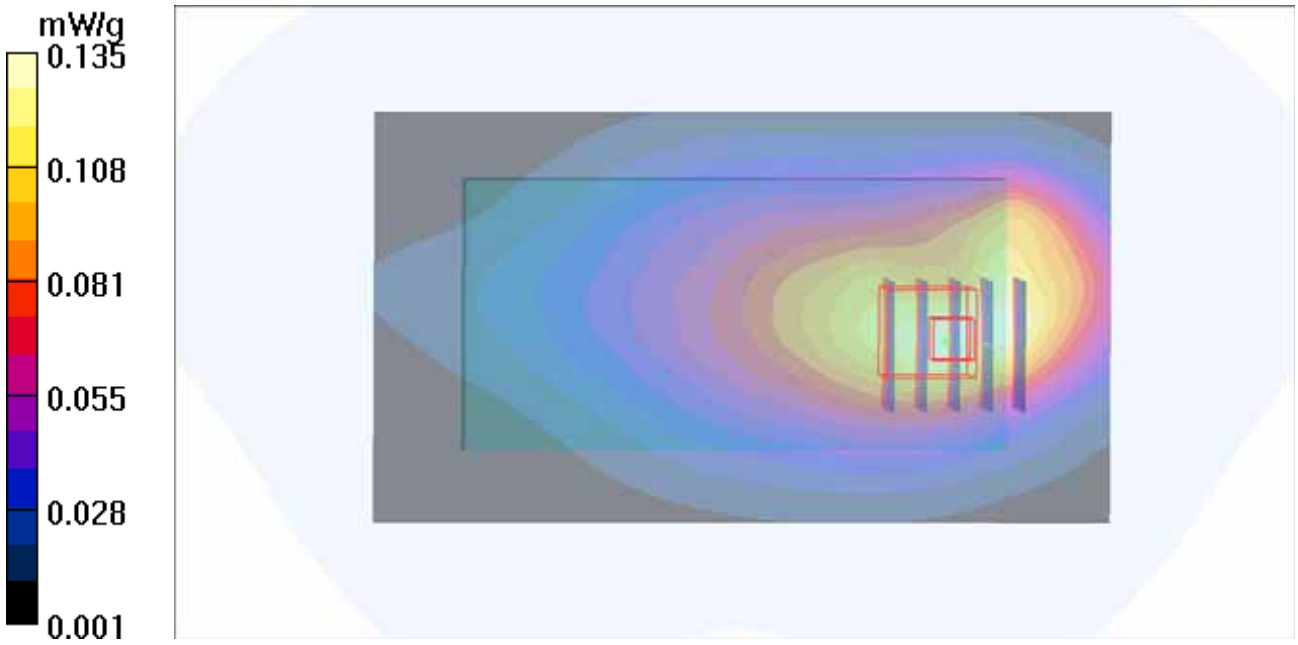
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.77 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



P367 LTE 17_QPSK_10M_Front Face_1cm_Ch23780_1RB_Offset 49_Earphone

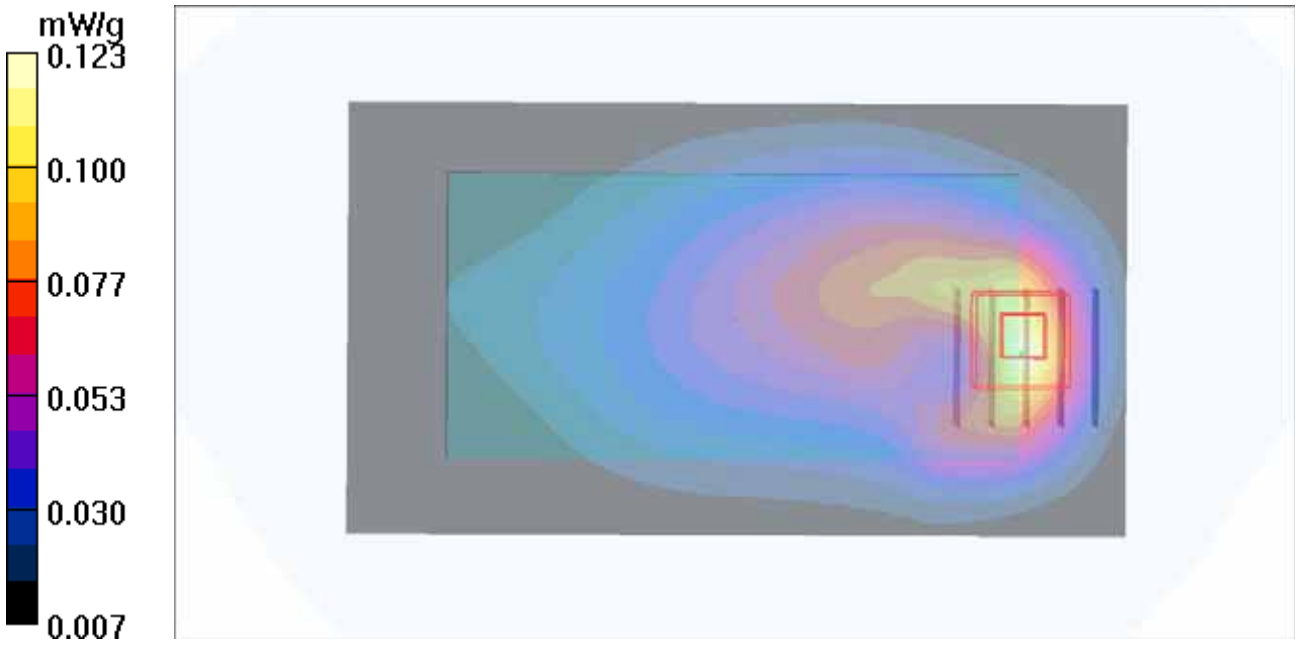
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.64 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



P368 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_1RB_Offset 49_Earphone

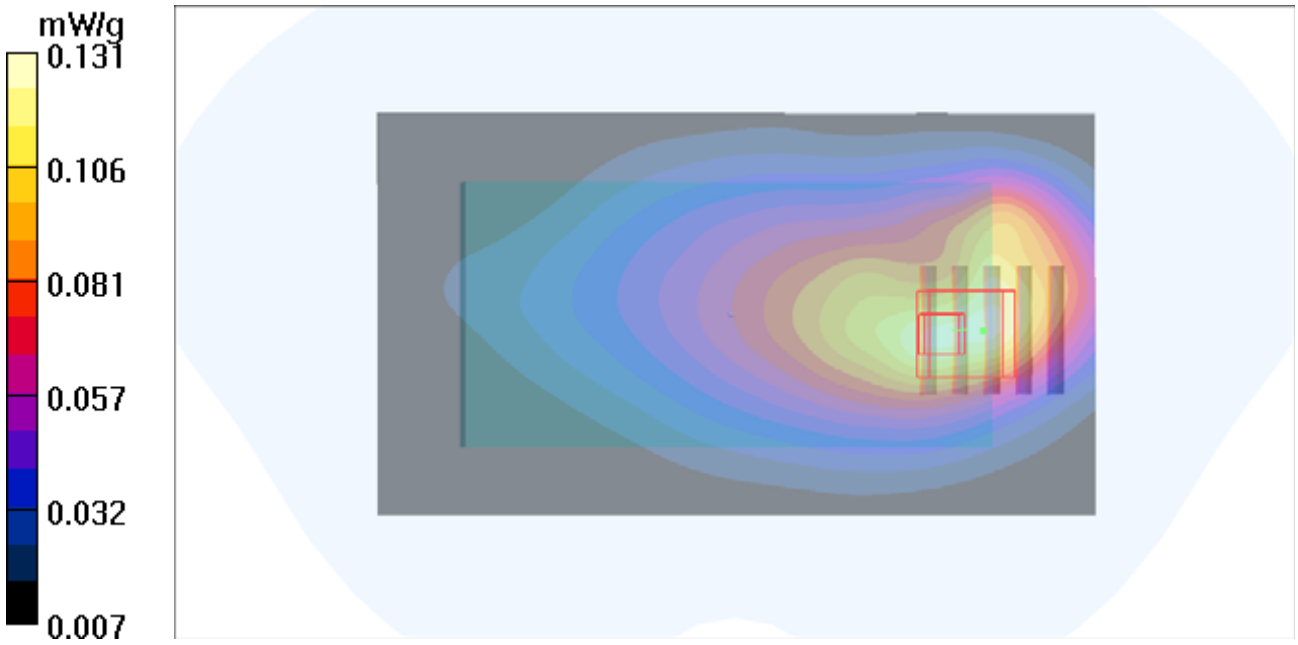
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.39 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



P369 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_25RB_Offset 12_Earphone

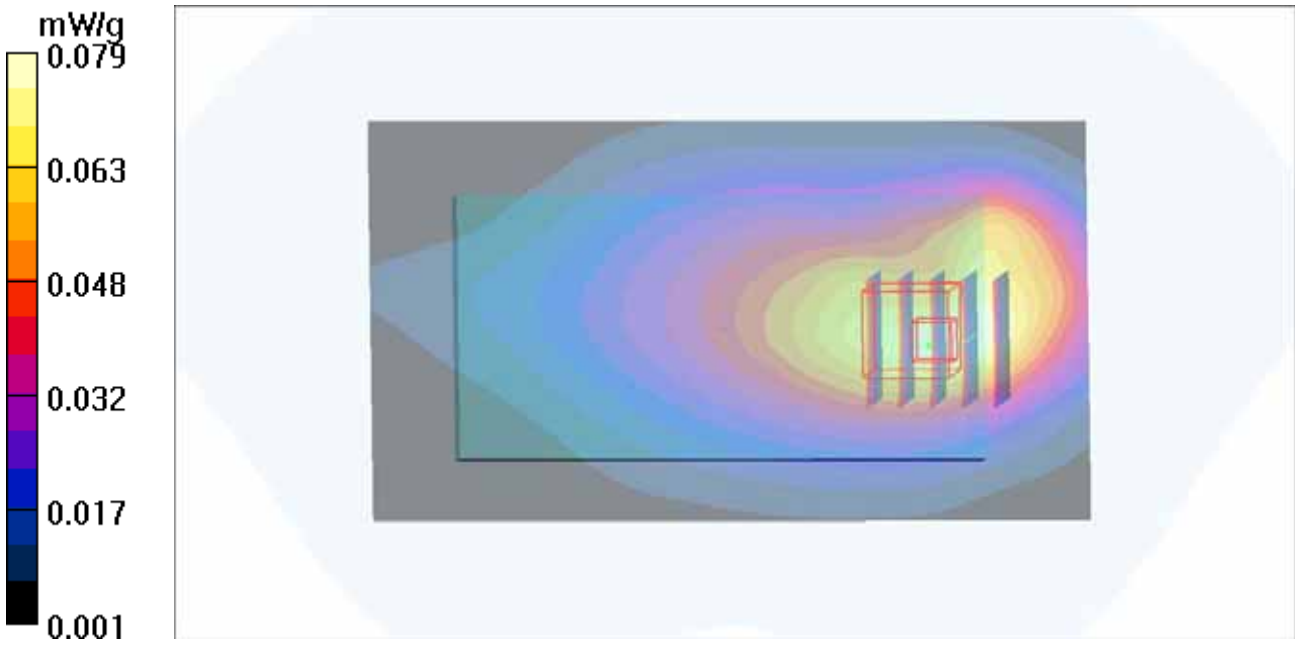
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.079 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.58 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.081 mW/g



P370 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_1RB_Offset 0_Earphone

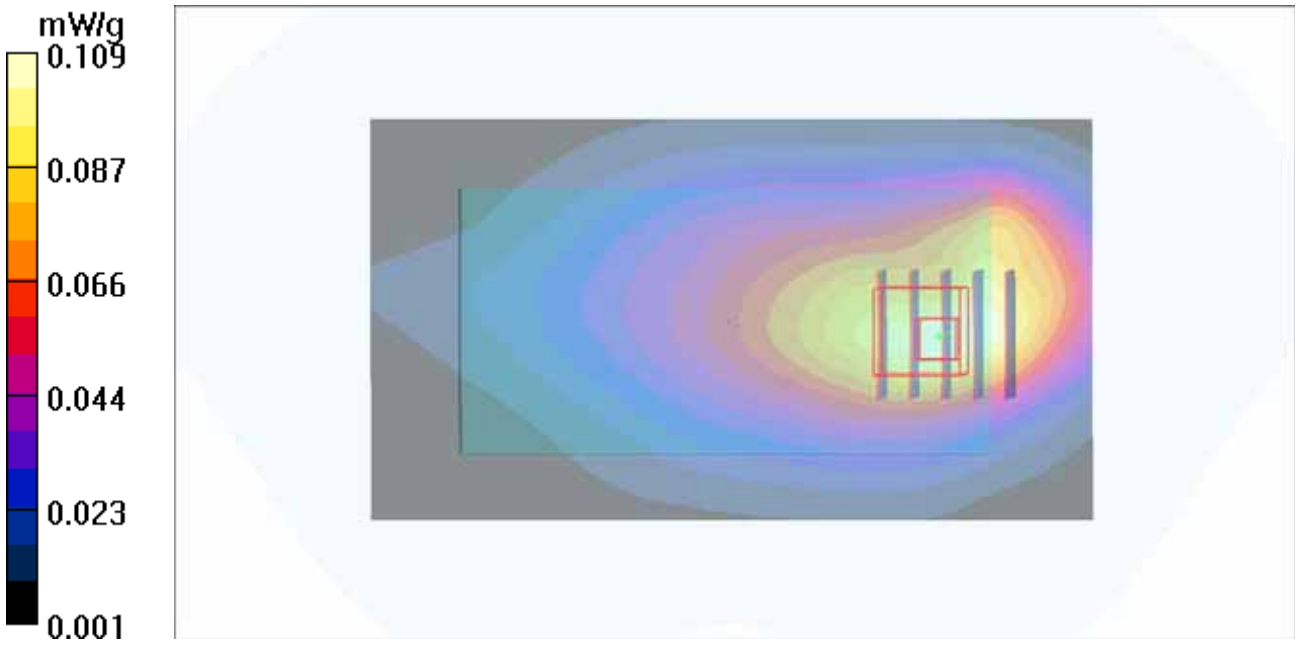
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.88 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.113 mW/g



P371 LTE 17_16QAM_10M_Rear Face_1cm_Ch23780_1RB_Offset 49_Earphone

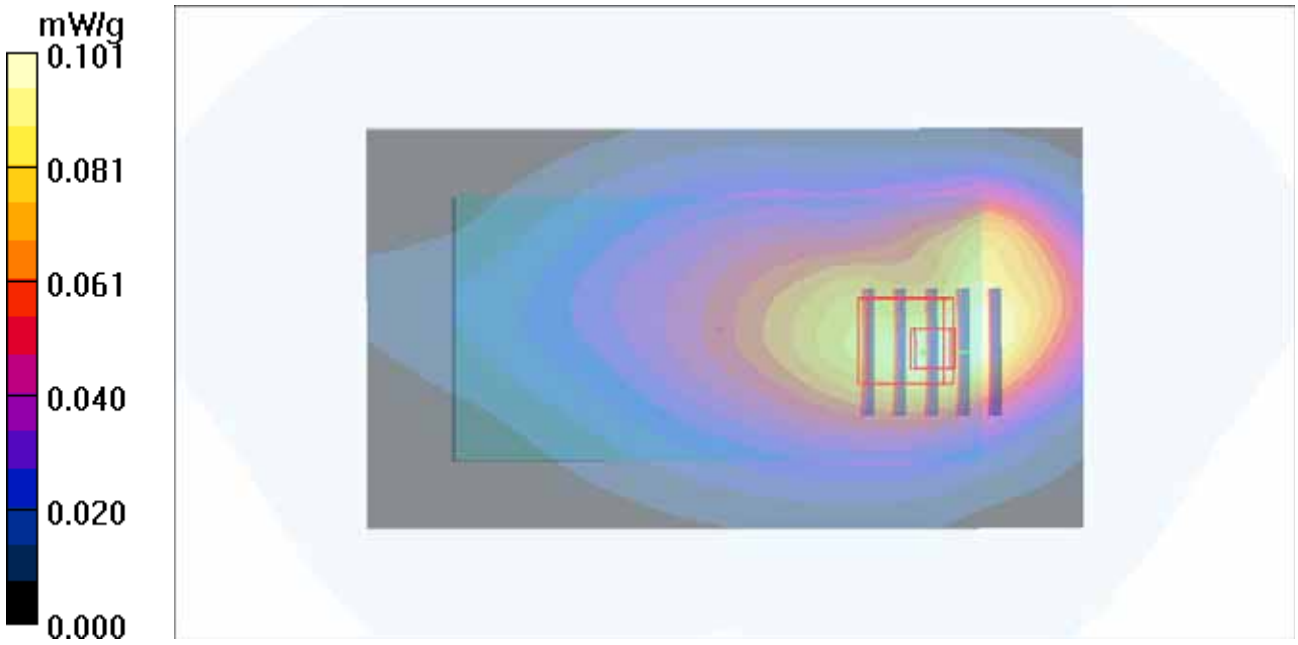
DUT: 120710C03

Communication System: LTE band 17; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: B750_0725 Medium parameters used: f = 709 MHz; σ = 0.941 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch23780/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.39 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.106 mW/g



P318 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_25RB_Offset 12

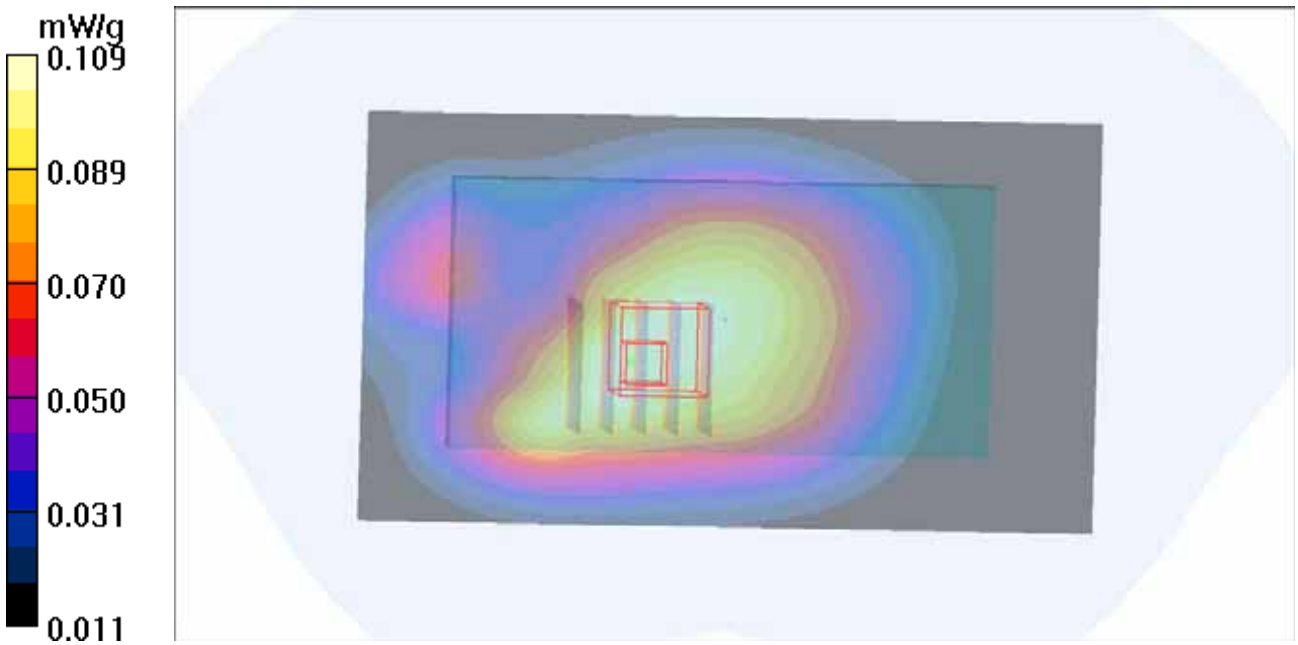
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.109 mW/g



P319 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_25RB_Offset 12

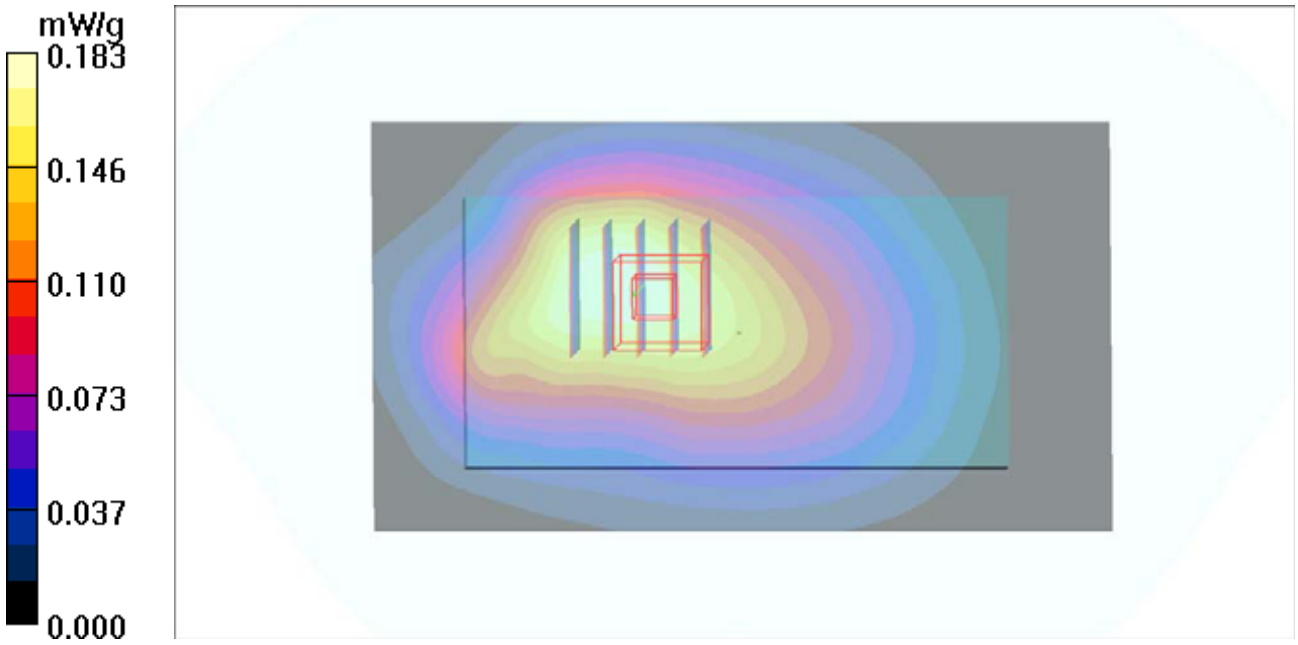
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



P320 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_25RB_Offset 12

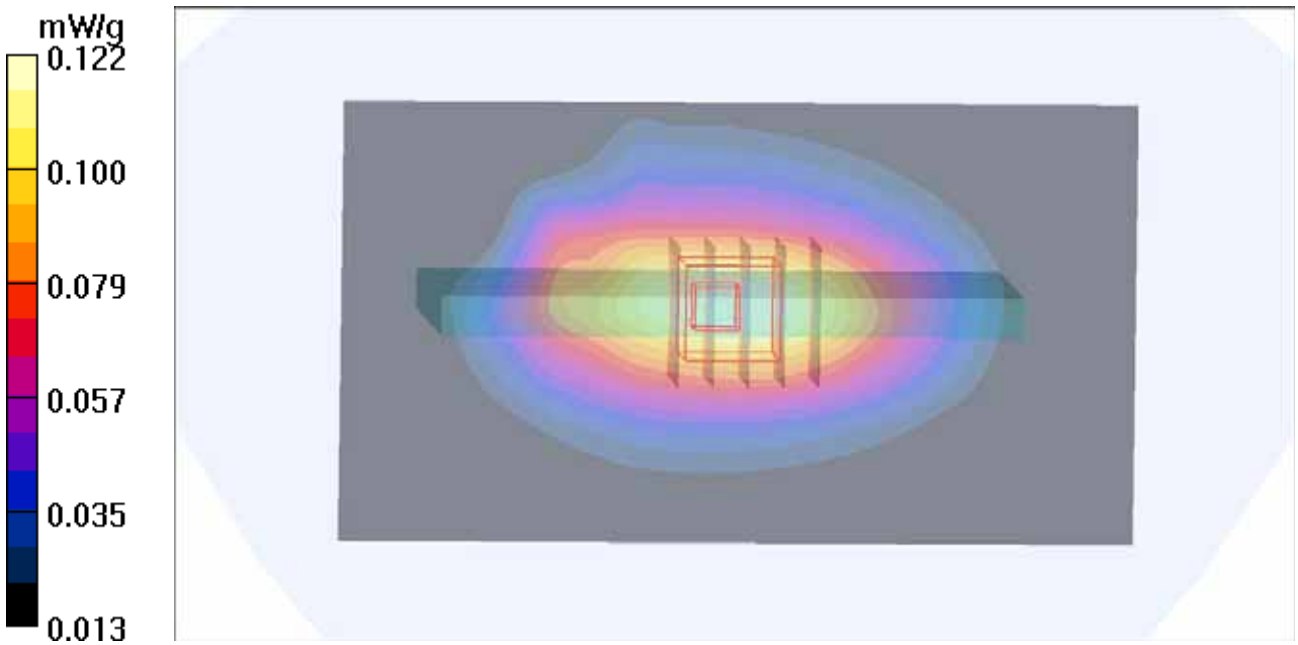
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.122 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.170 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



P321 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_25RB_Offset 12

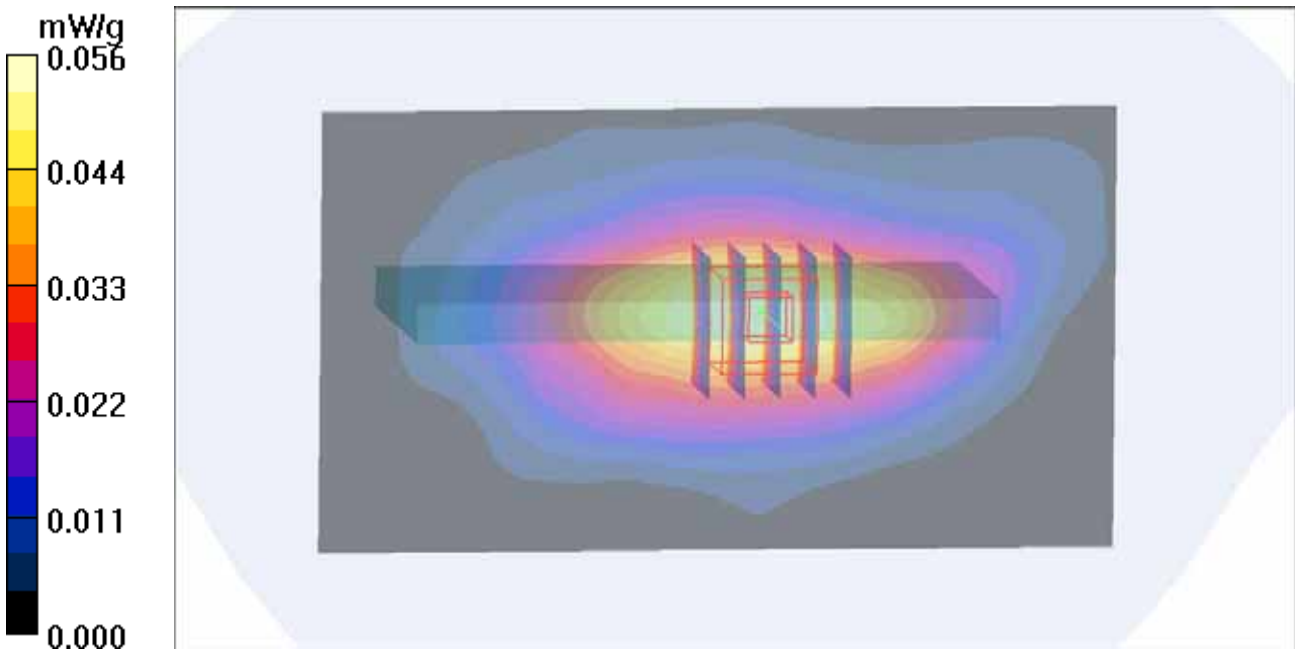
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.47 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.056 mW/g



P322 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_25RB_Offset 12

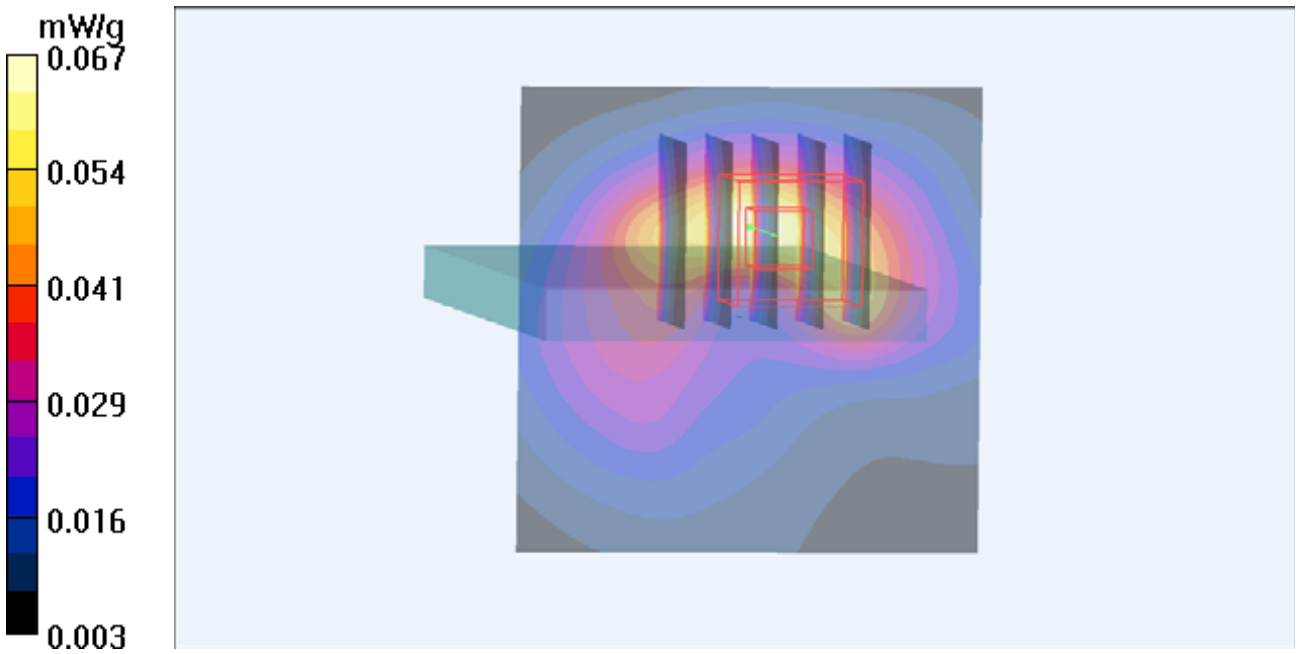
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.86 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



P323 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 0

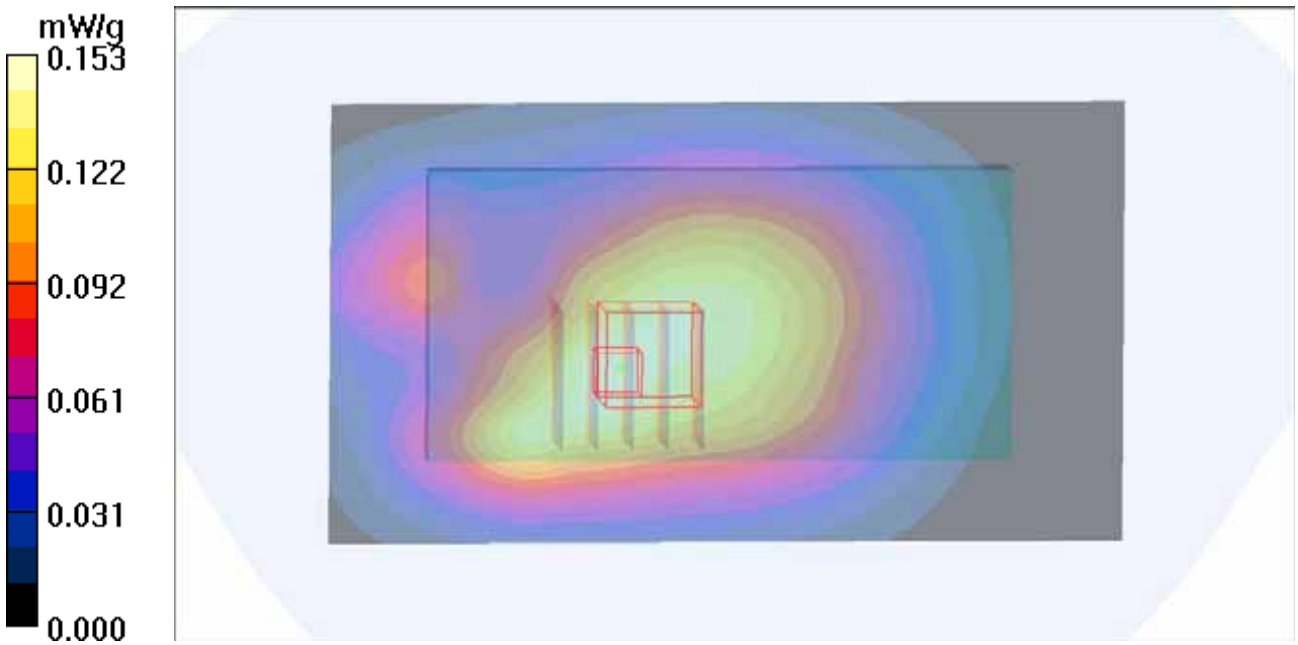
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.153 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



P324 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 0

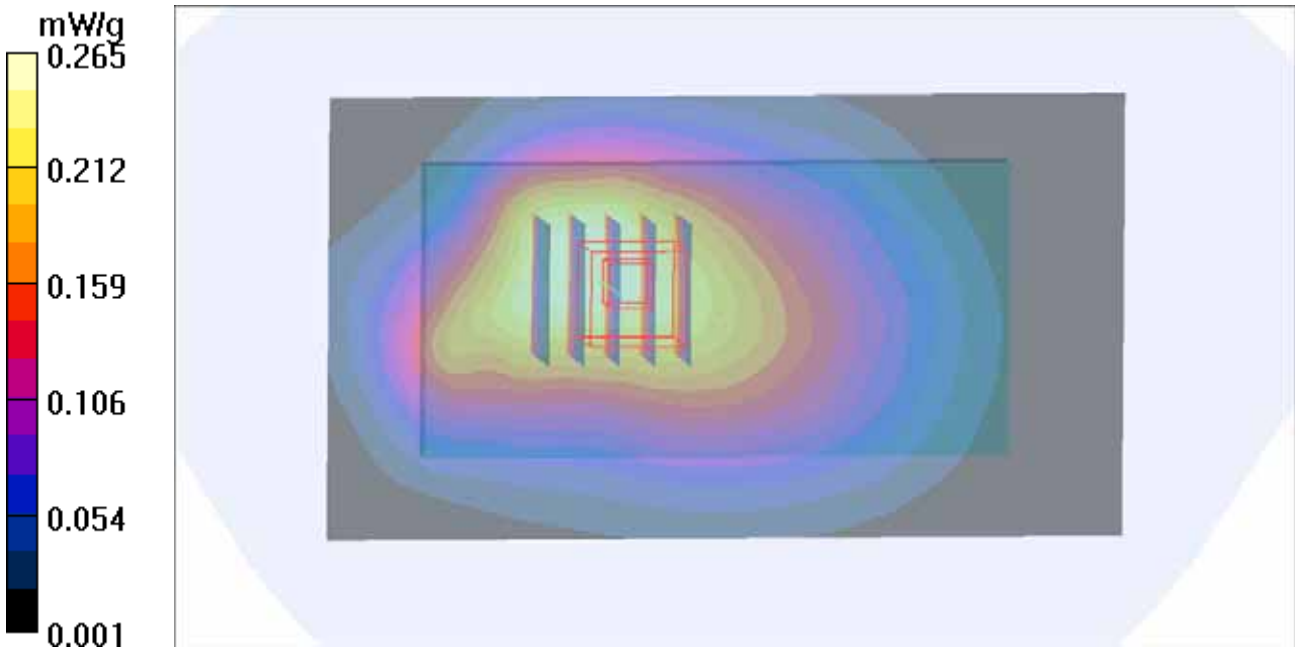
DUT: 120710C03

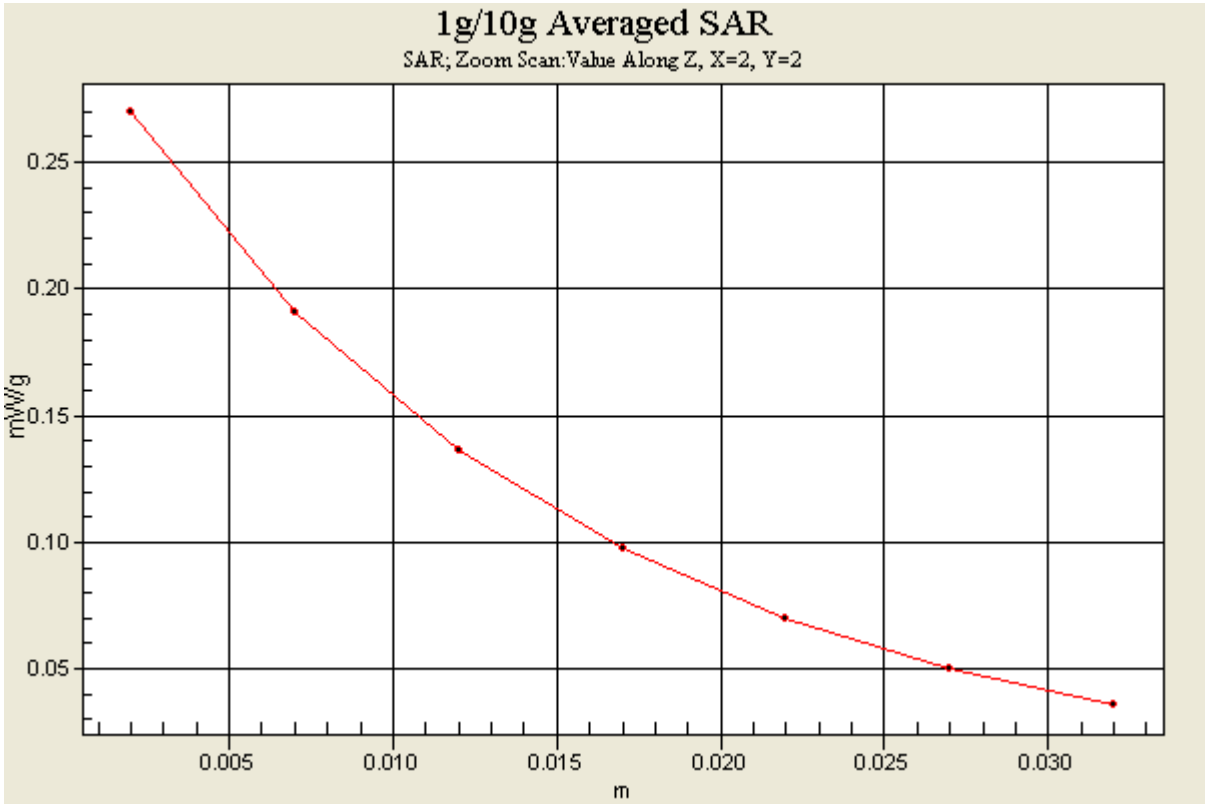
Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.265 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.270 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.25
0.20
0.15
0.10
0.05
0.005
0.010
0.015
0.020
0.025
0.030
m

P325 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_1RB_Offset 0

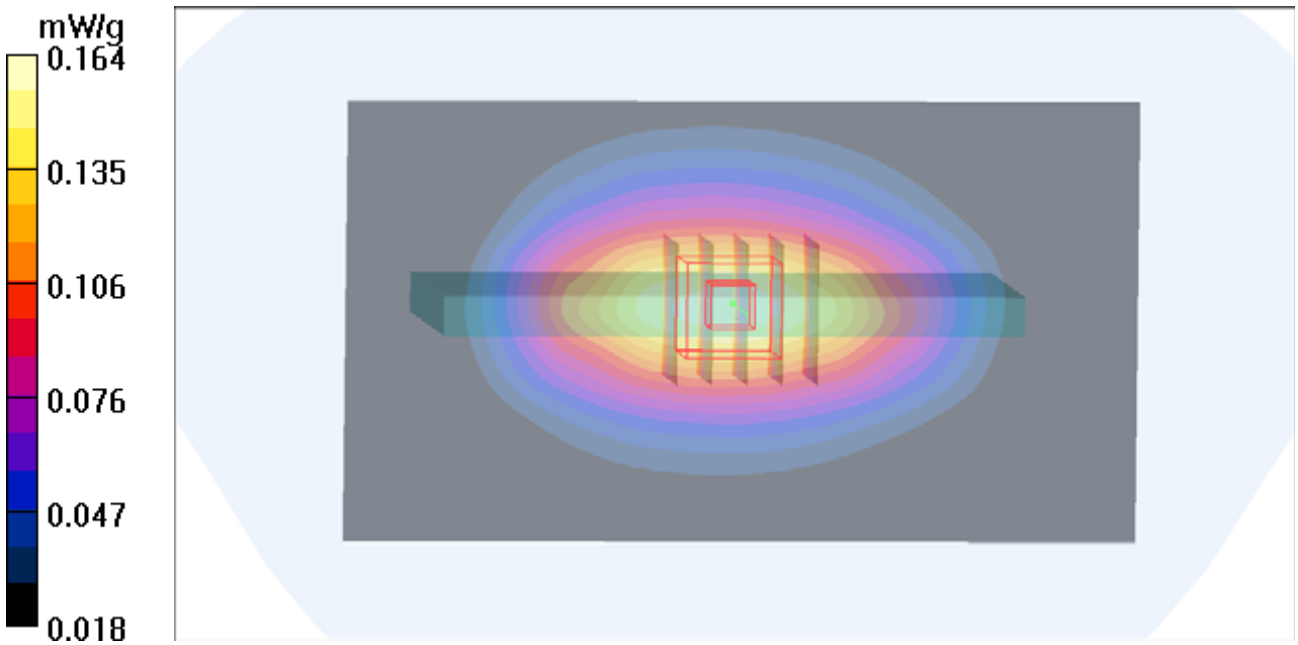
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



P326 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_1RB_Offset 0

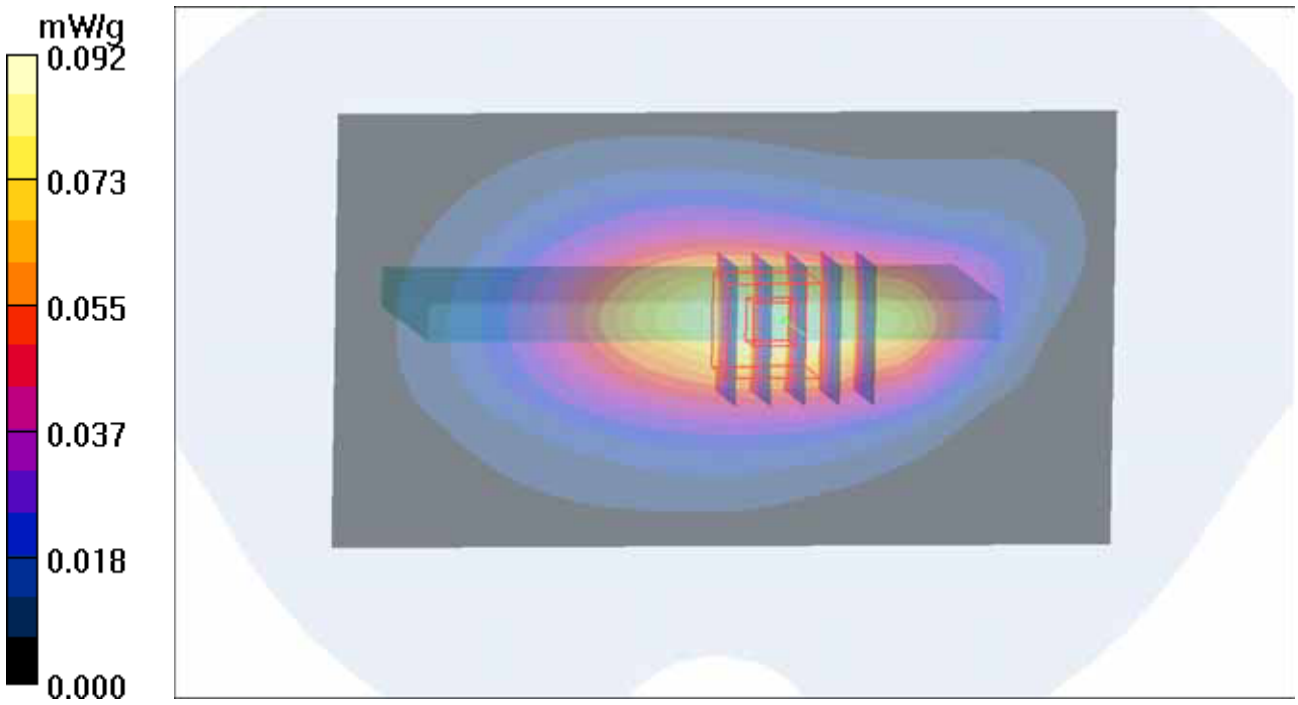
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.092 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.59 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.091 mW/g



P327 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_1RB_Offset 0

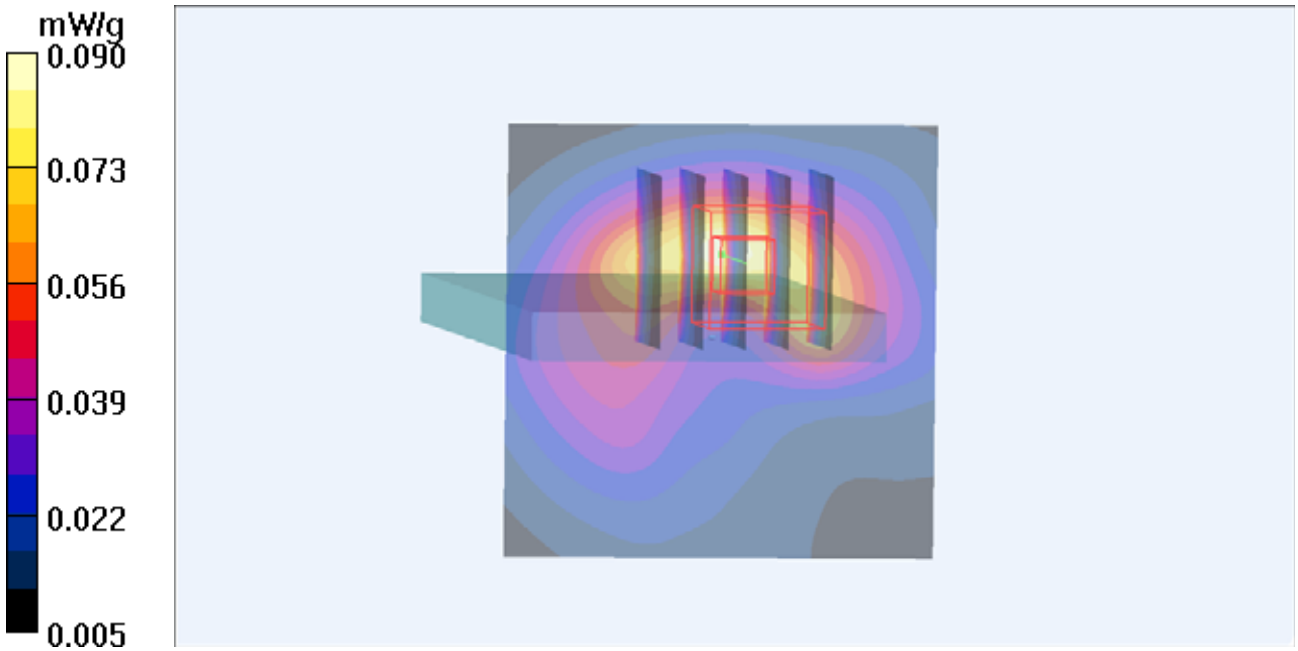
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.090 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.72 V/m; Power Drift = 0.090 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



P328 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 49

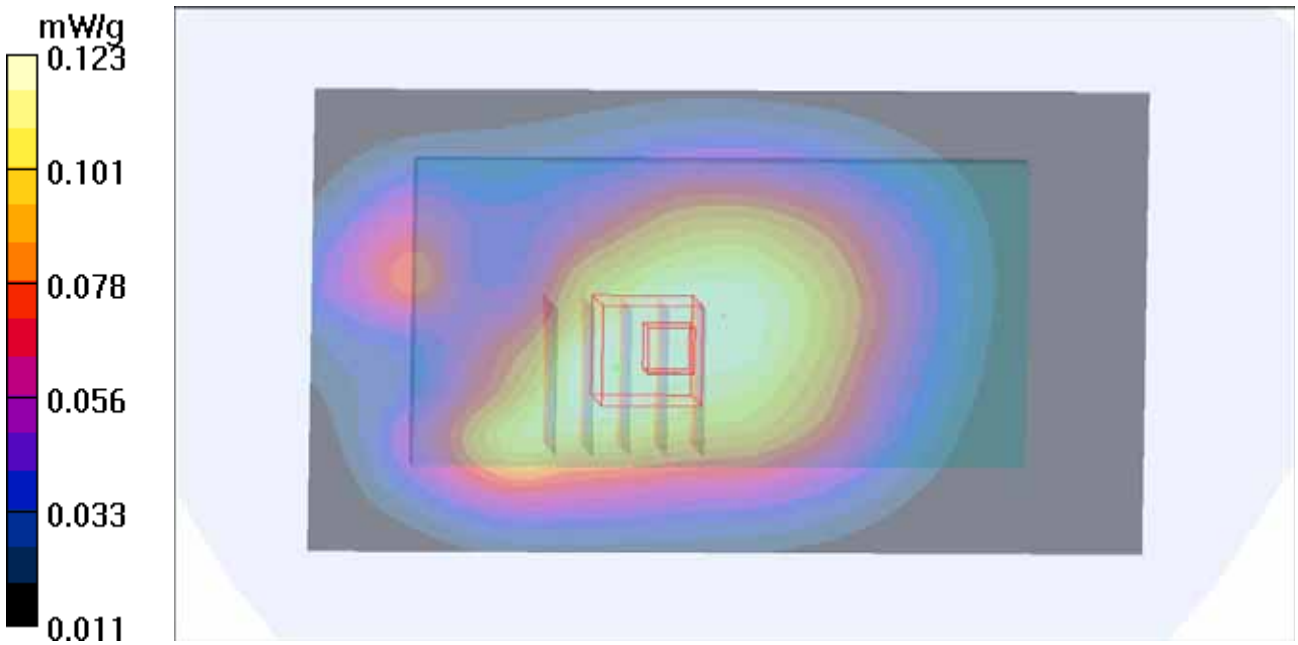
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.128 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



P329 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 49

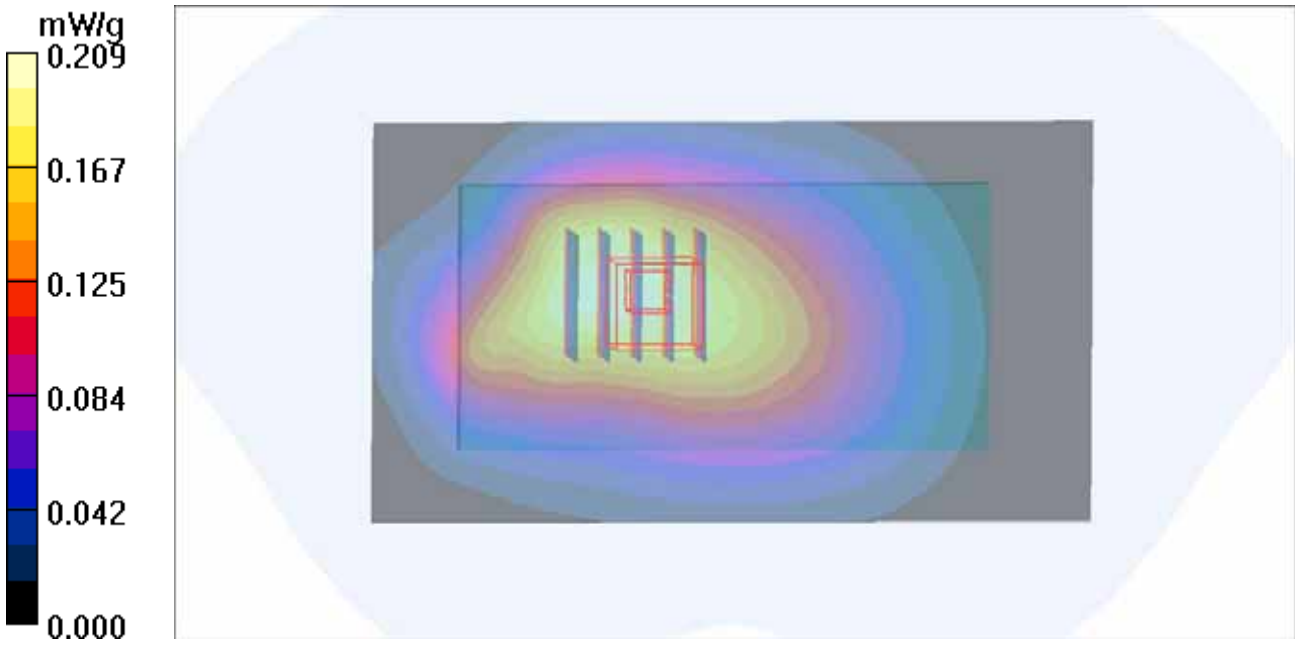
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.209 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



P330 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_1RB_Offset 49

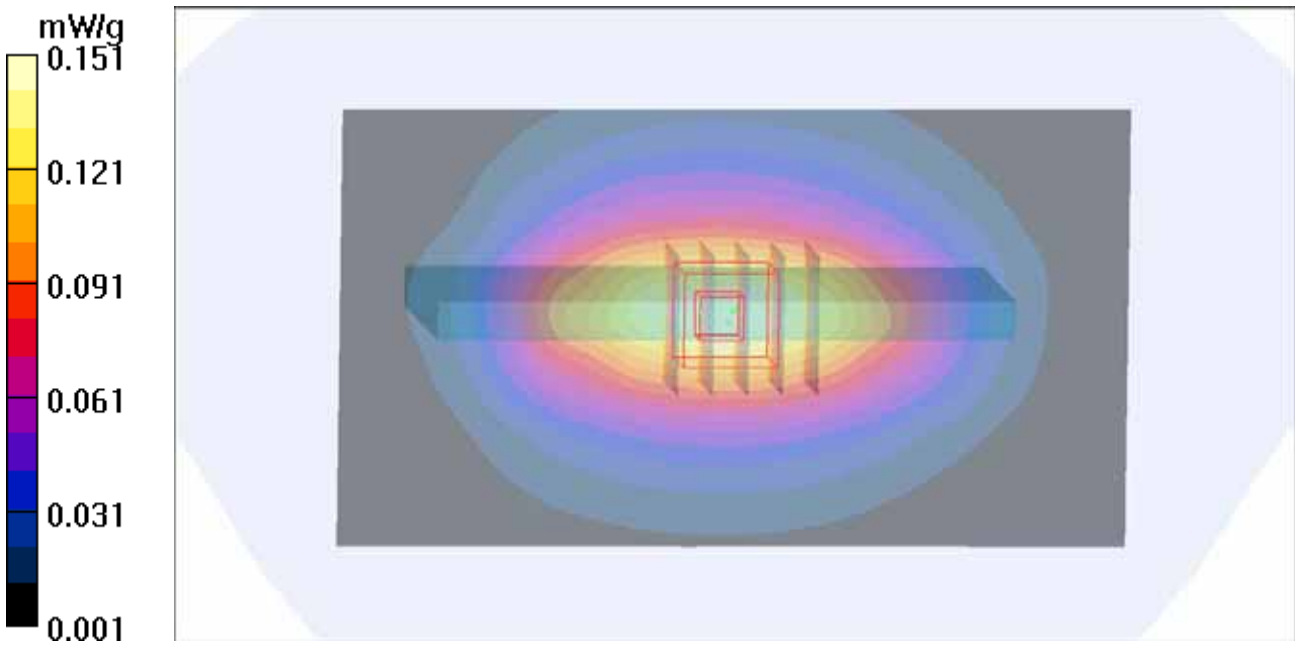
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.151 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



P331 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_1RB_Offset 49

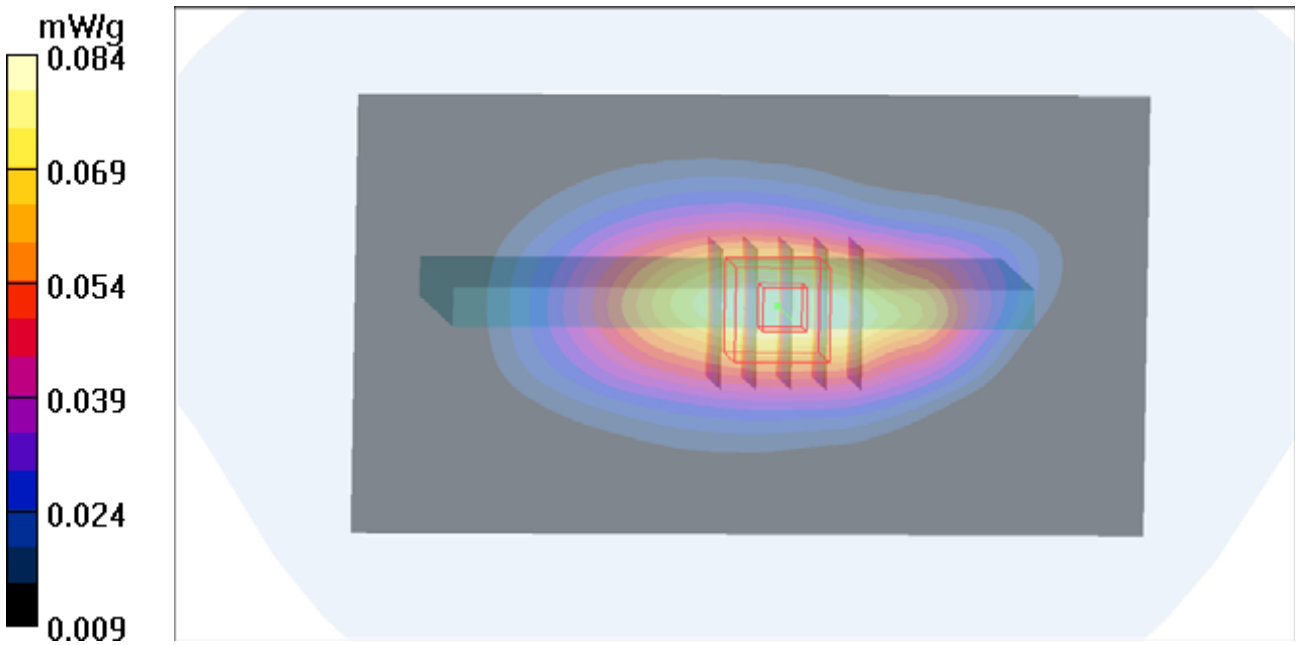
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.086 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.25 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



P332 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_1RB_Offset 49

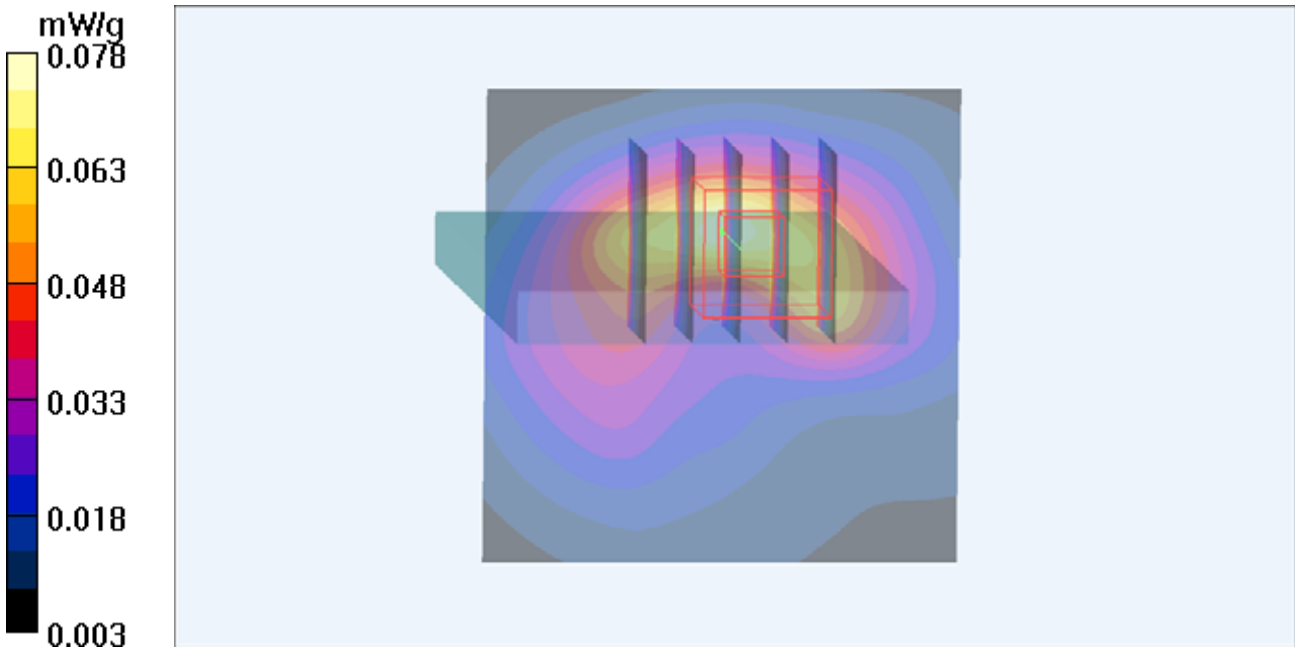
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.078 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.30 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



P333 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_25RB_Offset 12

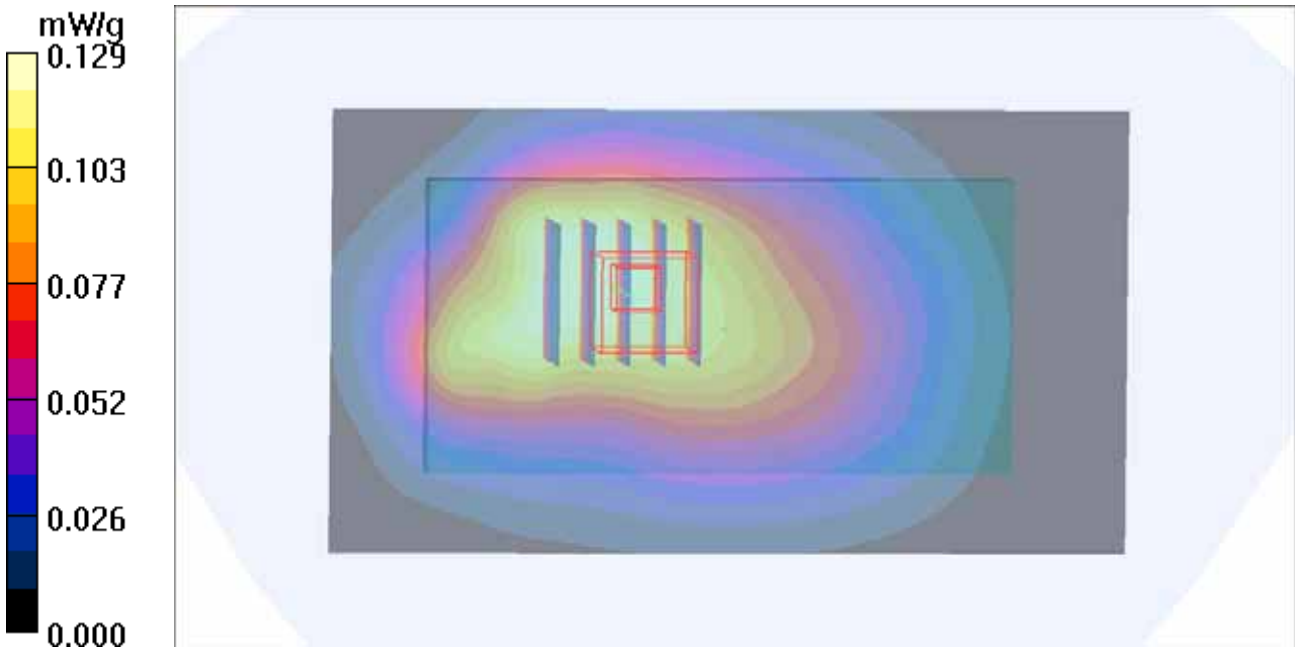
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.129 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.180 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.135 mW/g



P334 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_1RB_Offset 0

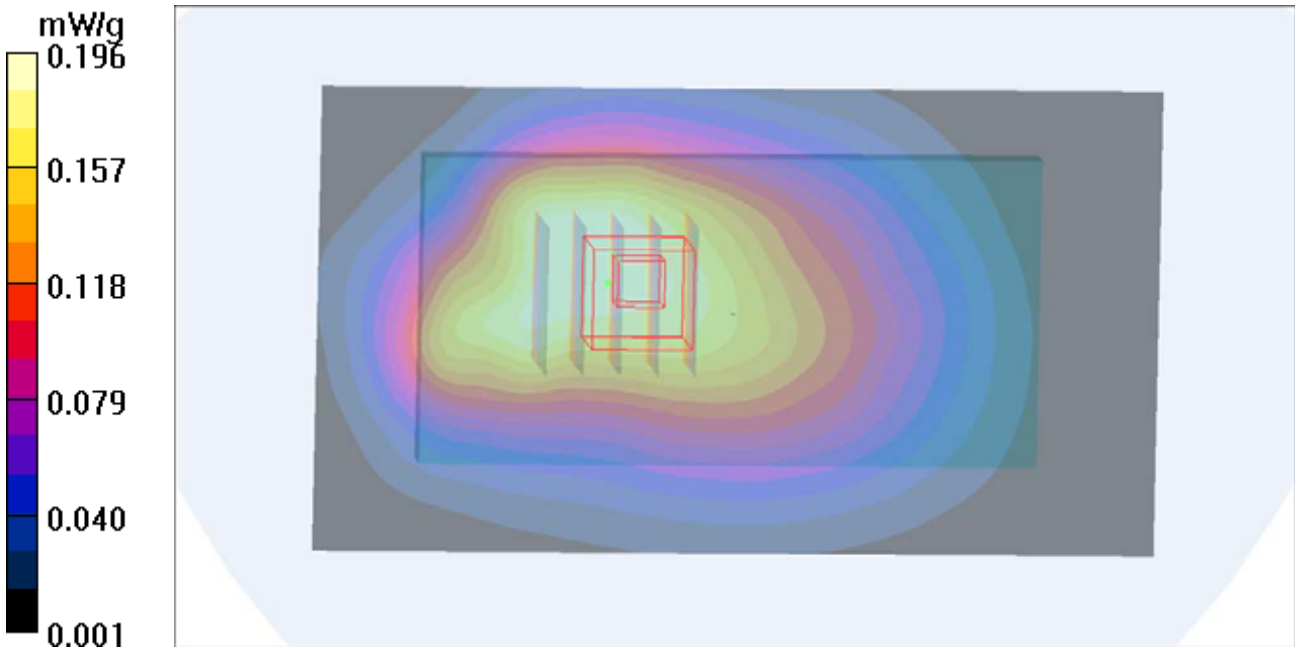
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.196 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.201 mW/g



P335 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_1RB_Offset 49

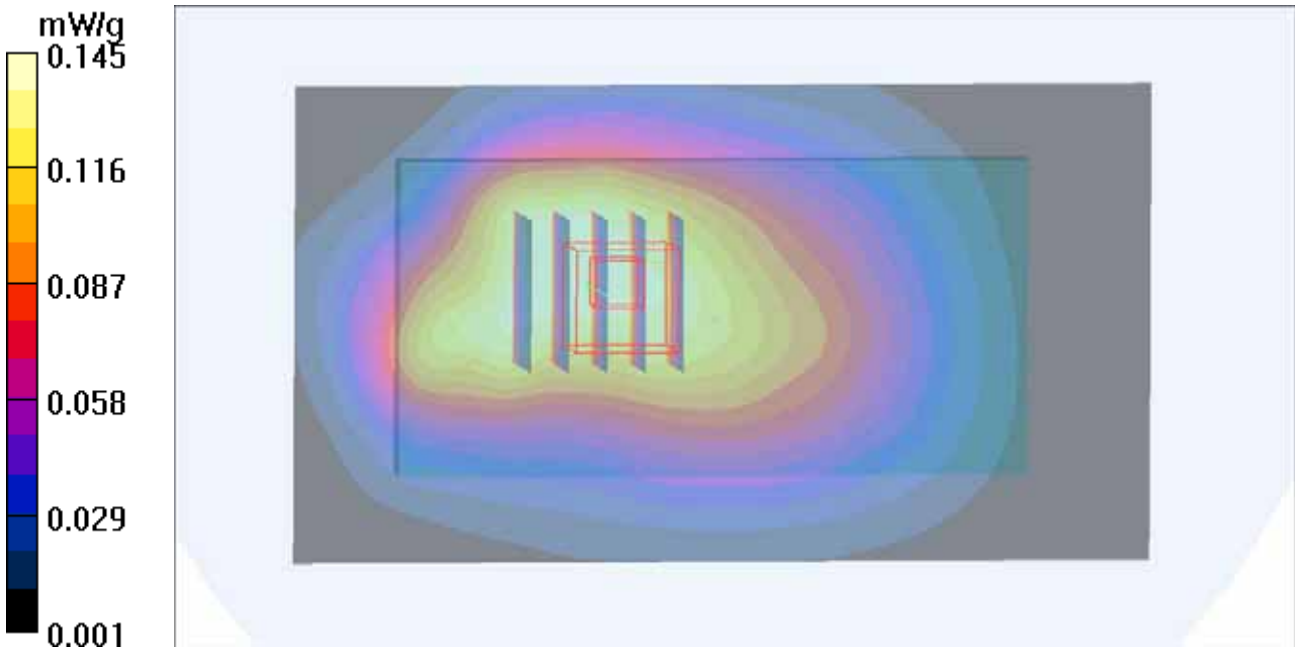
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



P336 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_25RB_Offset 12_Earphone

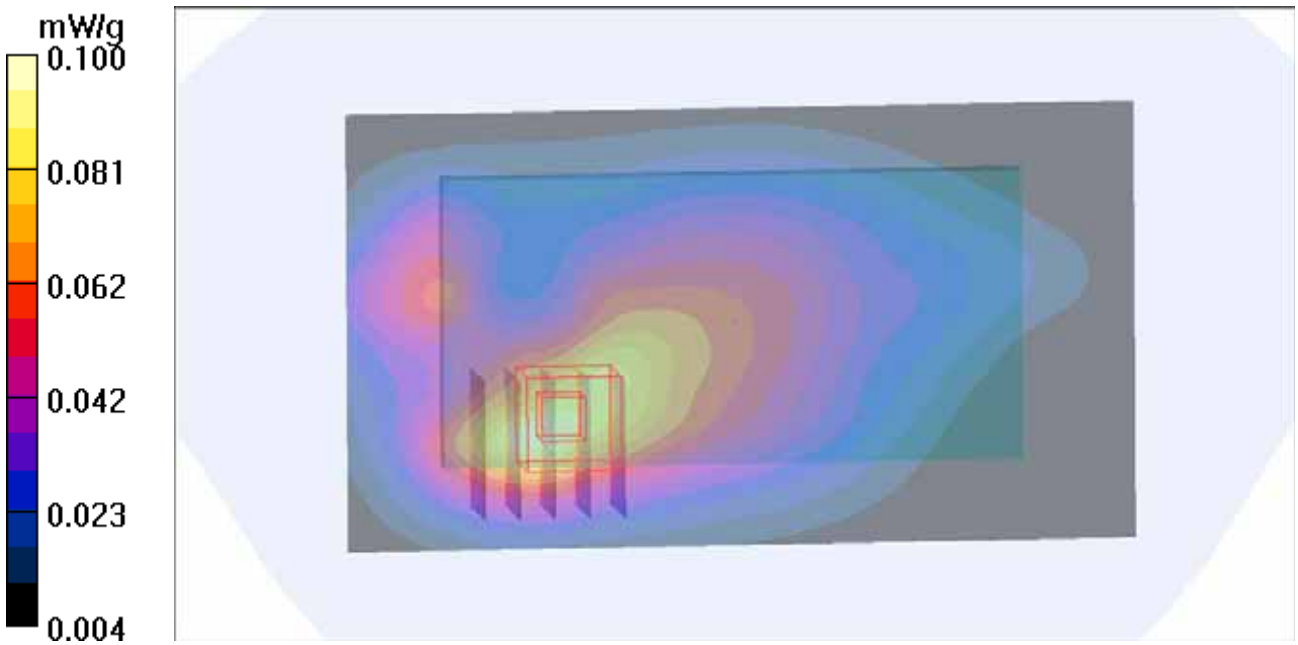
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.096 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.68 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.100 mW/g



P337 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_25RB_Offset 12_Earphone

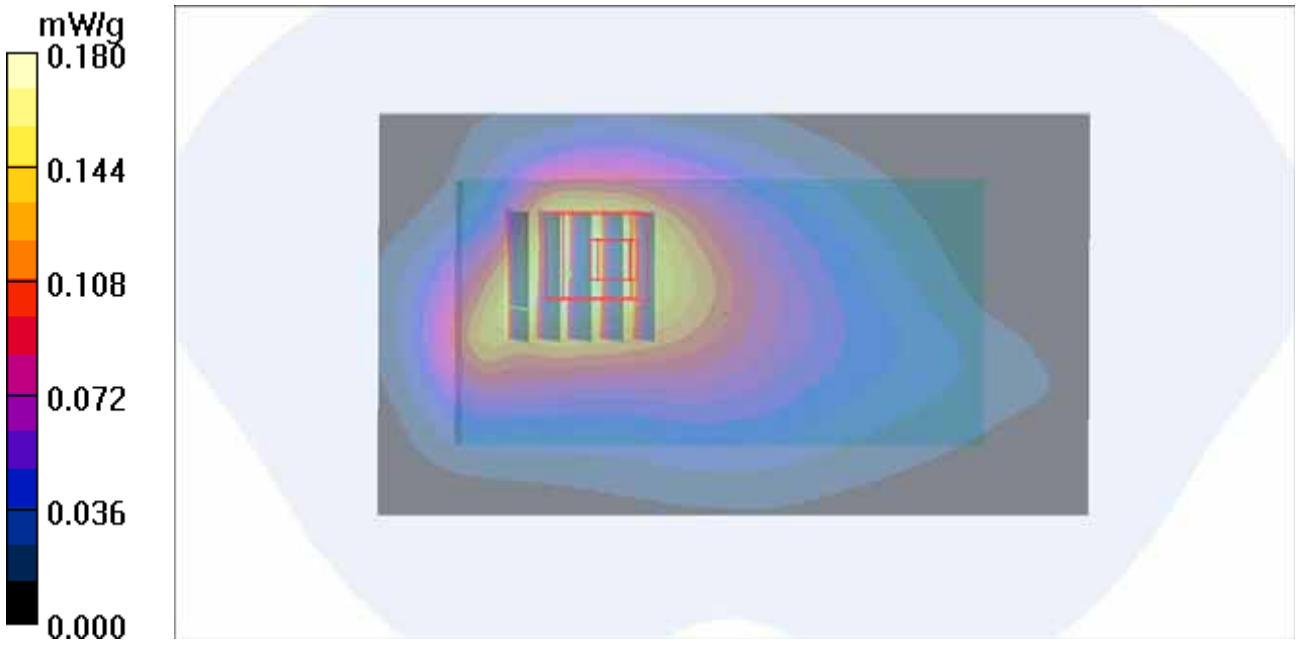
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.180 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.85 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



P338 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 0_Earphone

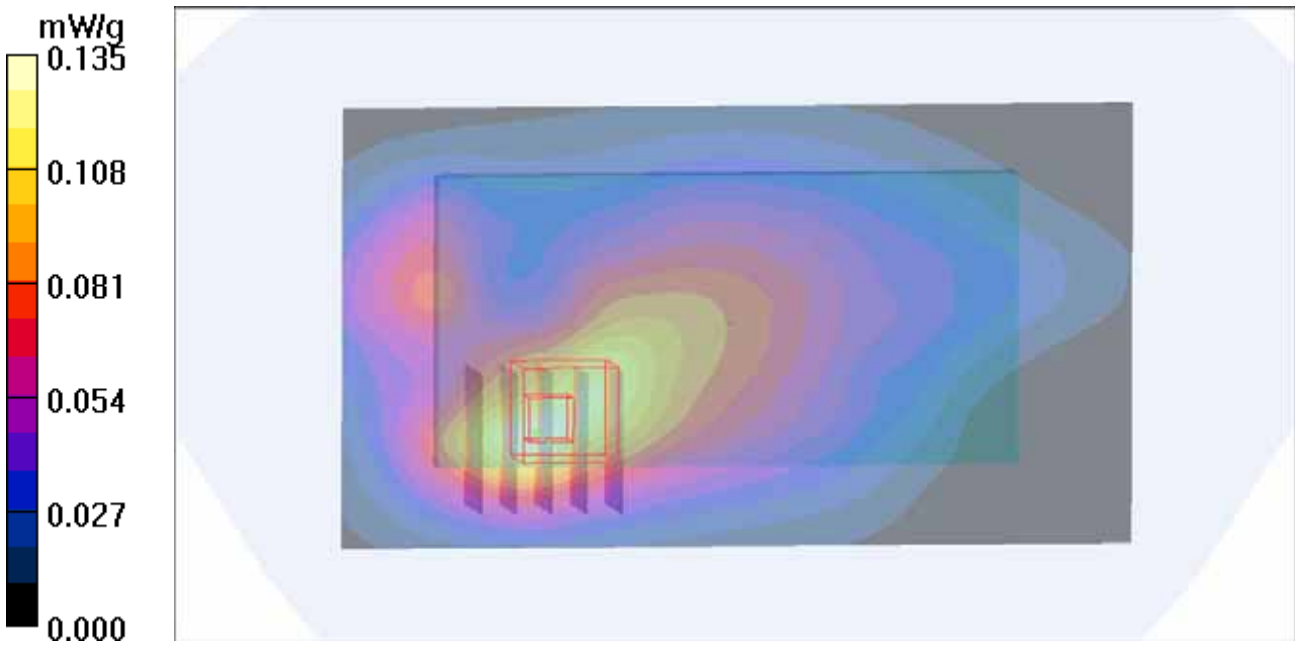
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.05 V/m; Power Drift = 0.075 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.144 mW/g



P339 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 0_Earphone

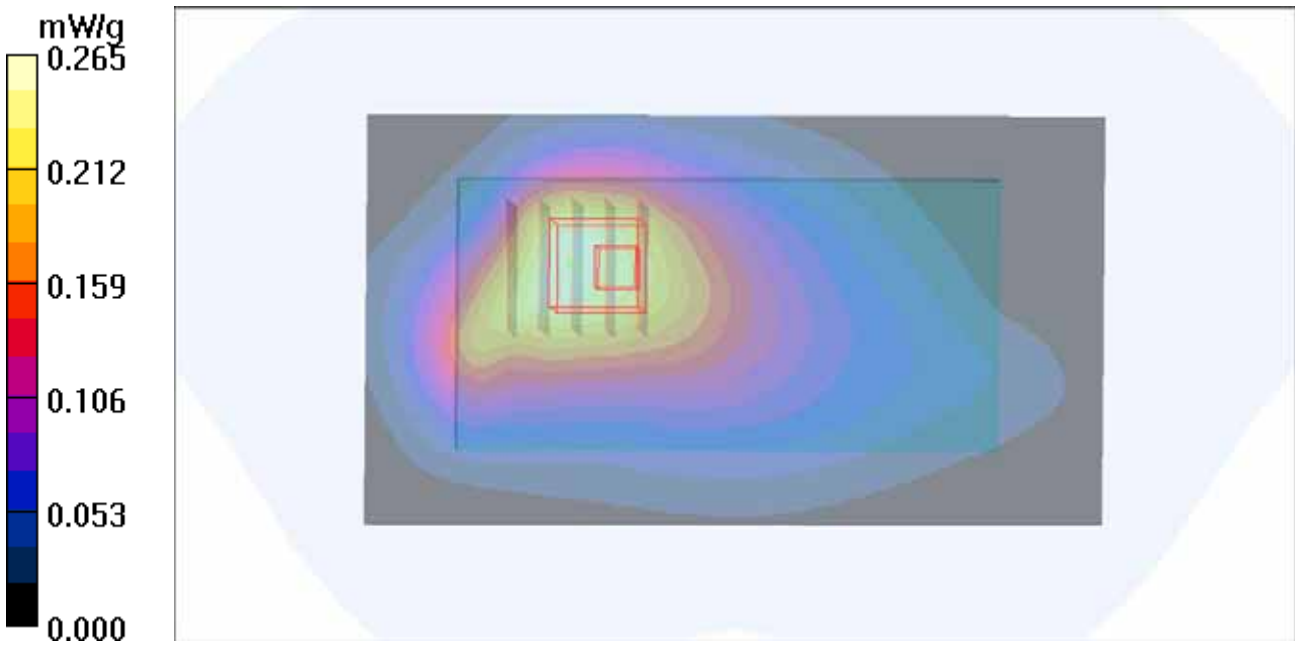
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.265 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.304 mW/g



P340 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 49_Earphone

DUT: 120710C03

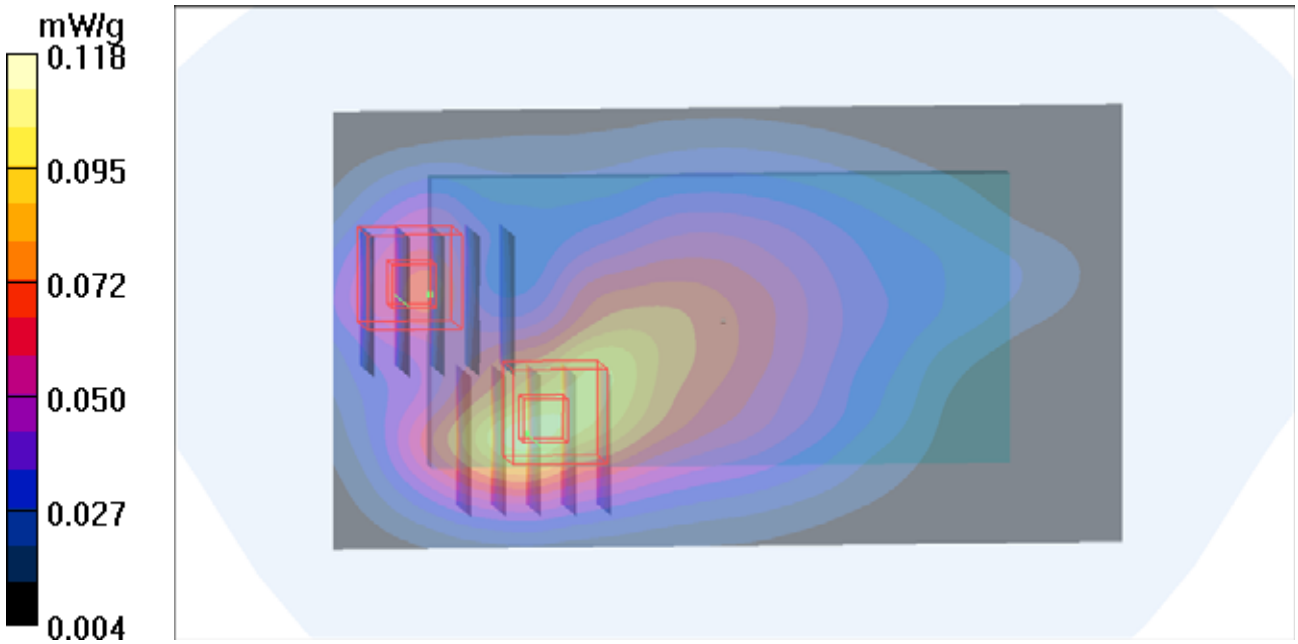
Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.36 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.118 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.36 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.066 mW/g



P341 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 49_Earphone

DUT: 120710C03

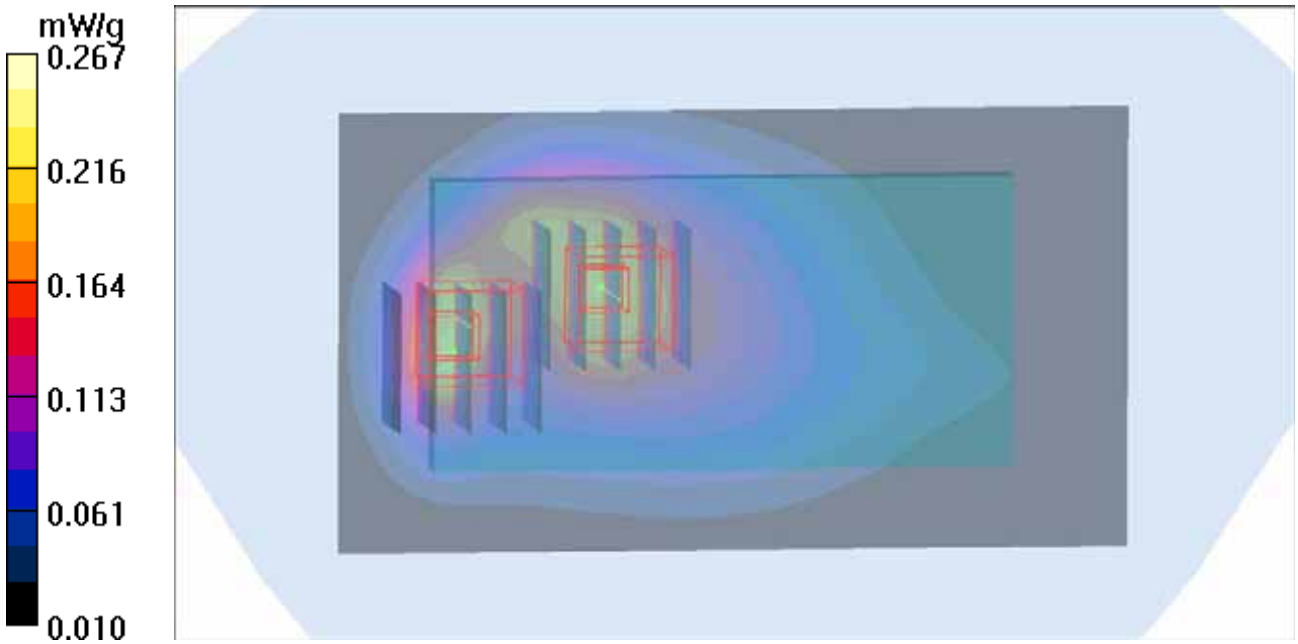
Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.223 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.267 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.216 mW/g



P342 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_25RB_Offset 12_Earphone

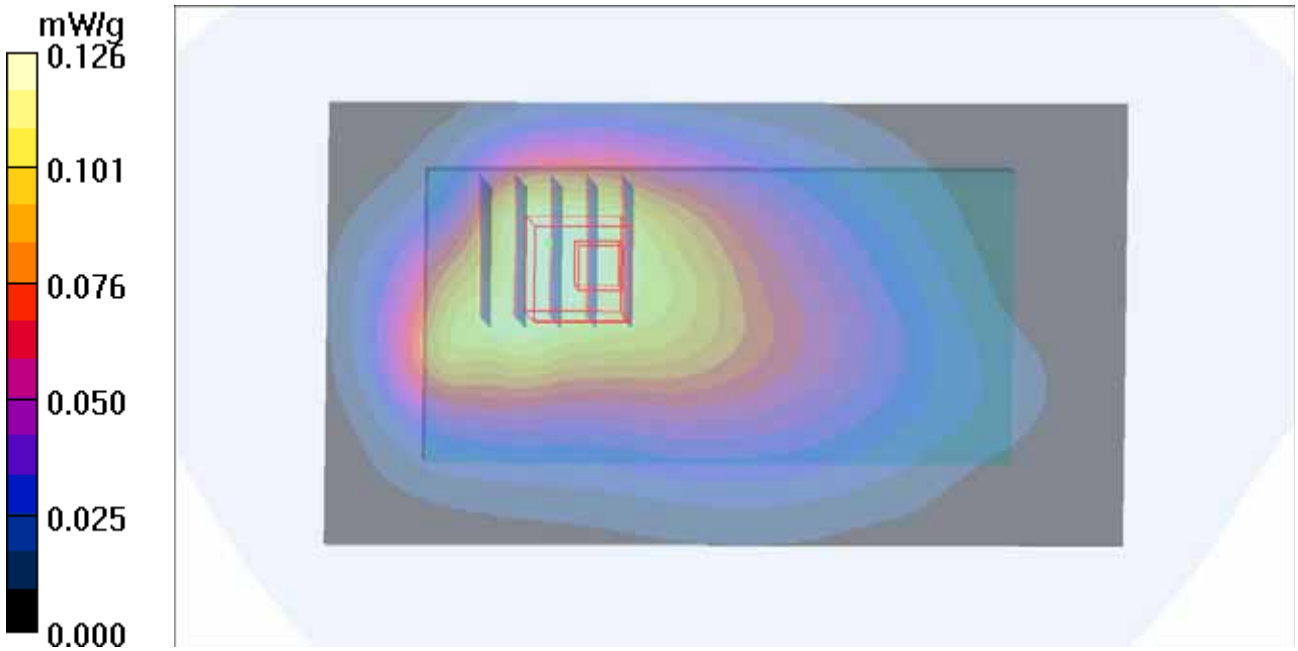
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.02 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



P343 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_1RB_Offset 0_Earphone

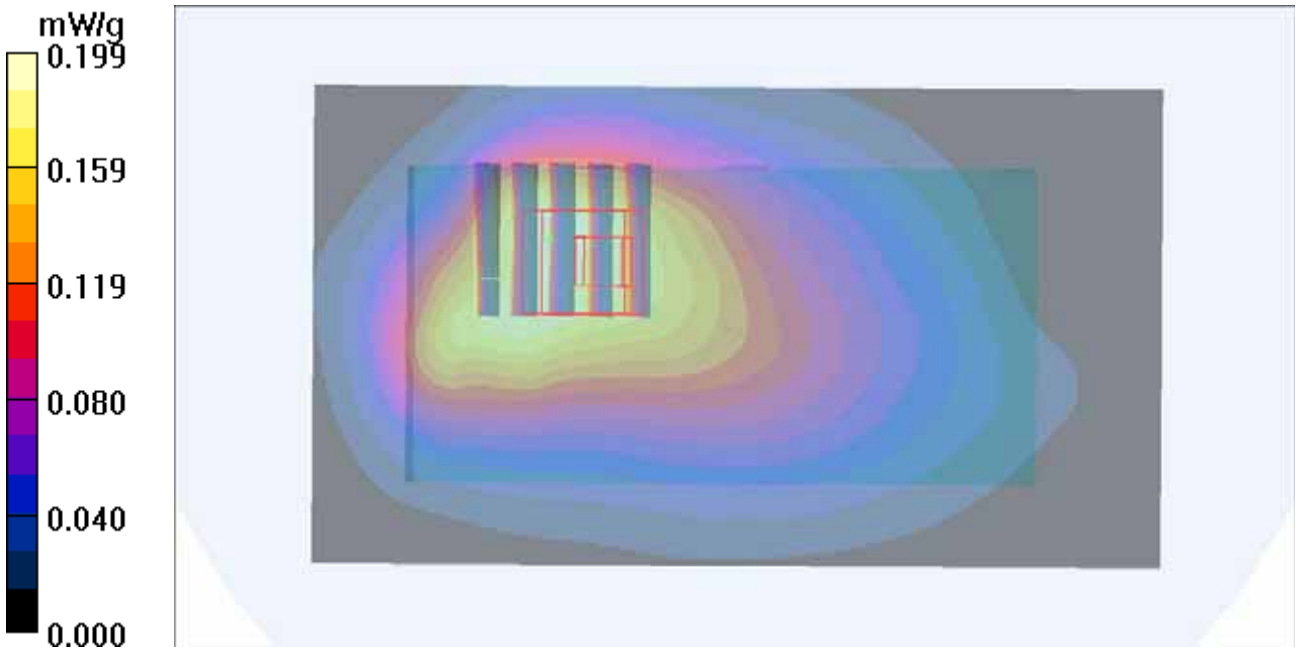
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



P344 LTE 5_16QAM_10M__Rear Face_1cm_Ch20600_1RB_Offset 49_Earphone

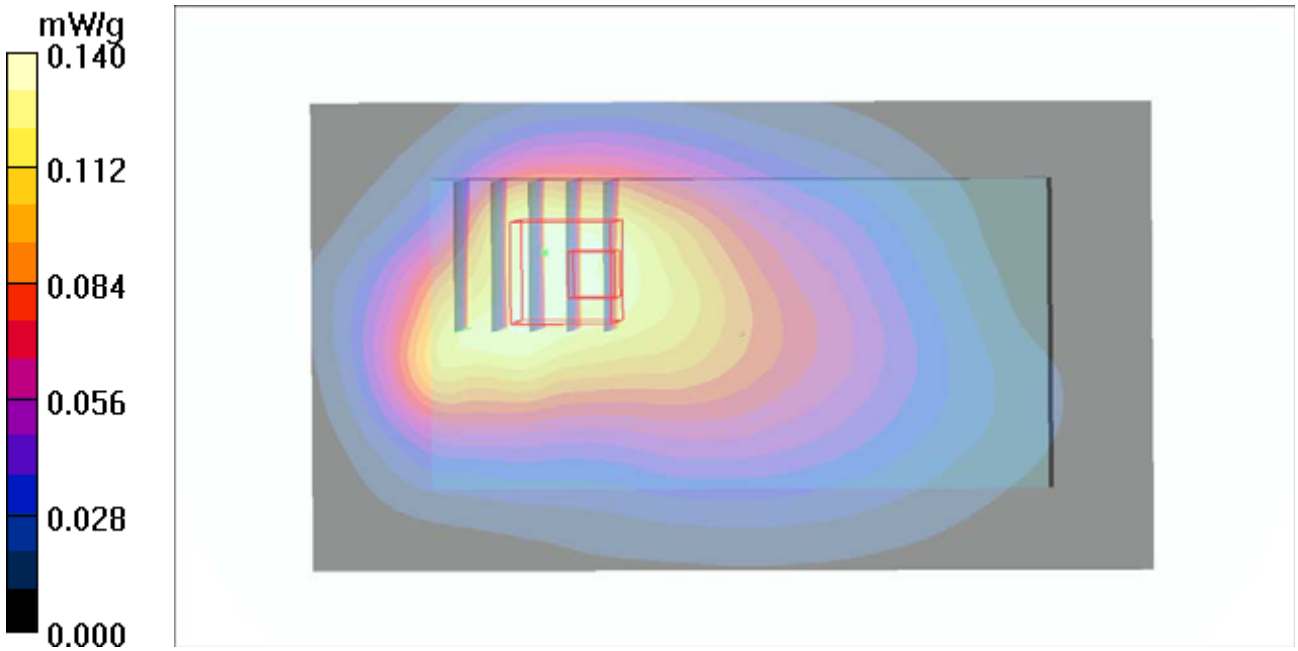
DUT: 120710C03

Communication System: LTE band 5; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0725 Medium parameters used: f = 844 MHz; σ = 0.989 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.140 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.42 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.179 mW/g



P291 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_25RB_Offset 12

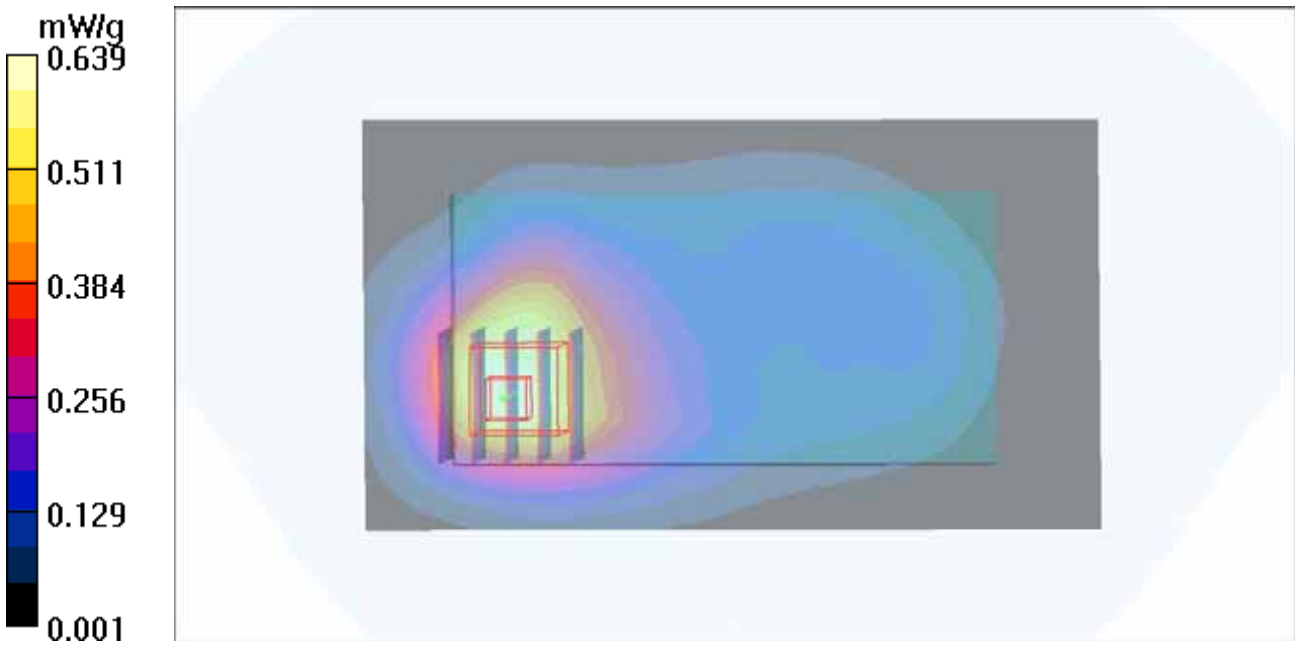
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.639 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.697 mW/g



P292 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_25RB_Offset 12

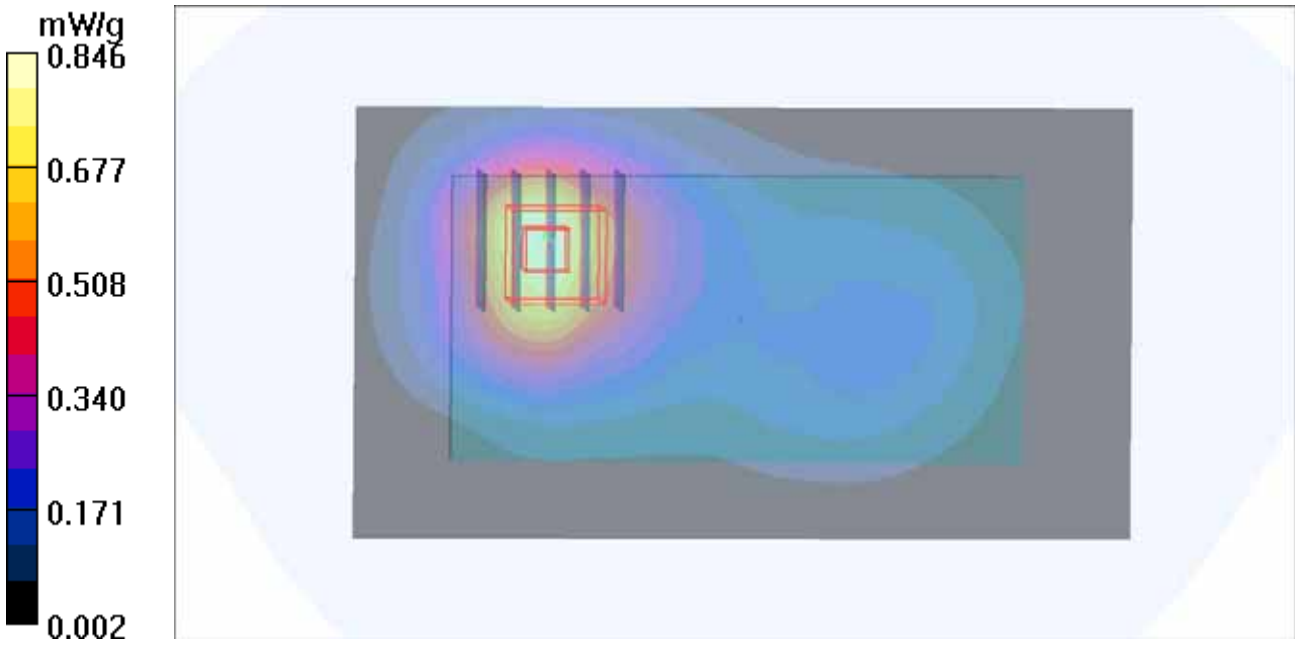
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.846 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.801 mW/g



P293 LTE 4_QPSK_10M_Left Side_1cm_Ch20175_25RB_Offset 12

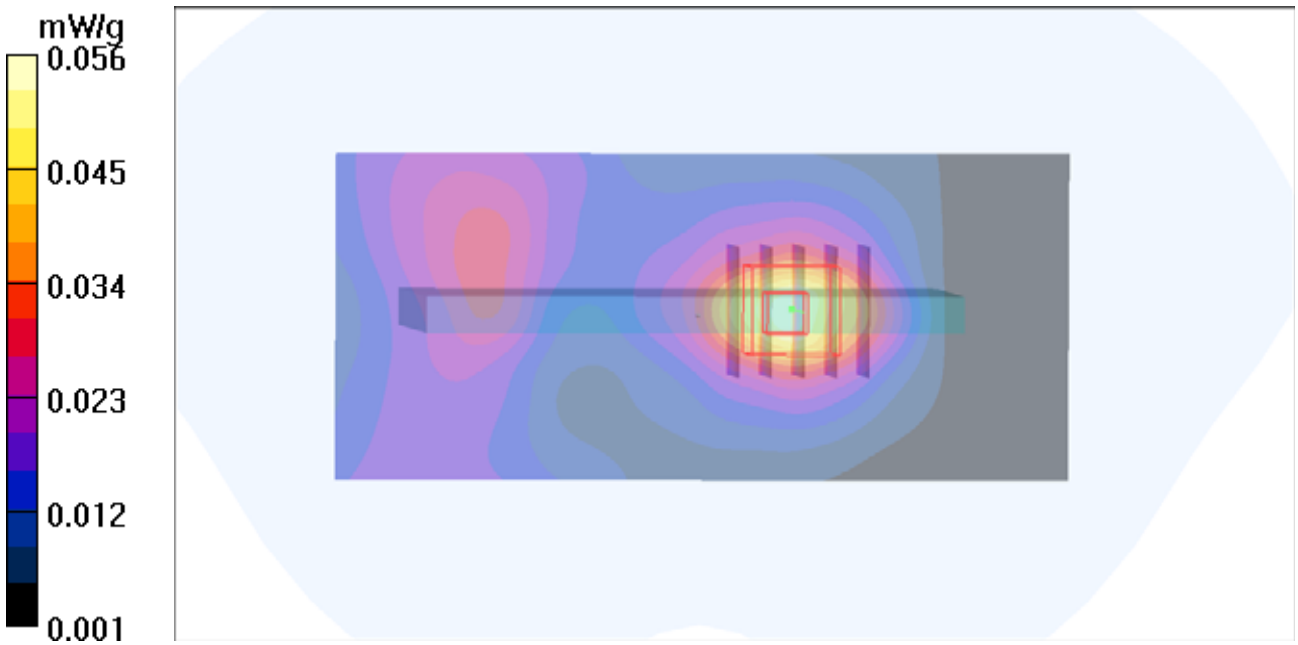
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.74 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.050 mW/g



P294 LTE 4_QPSK_10M_Right Side_1cm_Ch20175_25RB_Offset 12

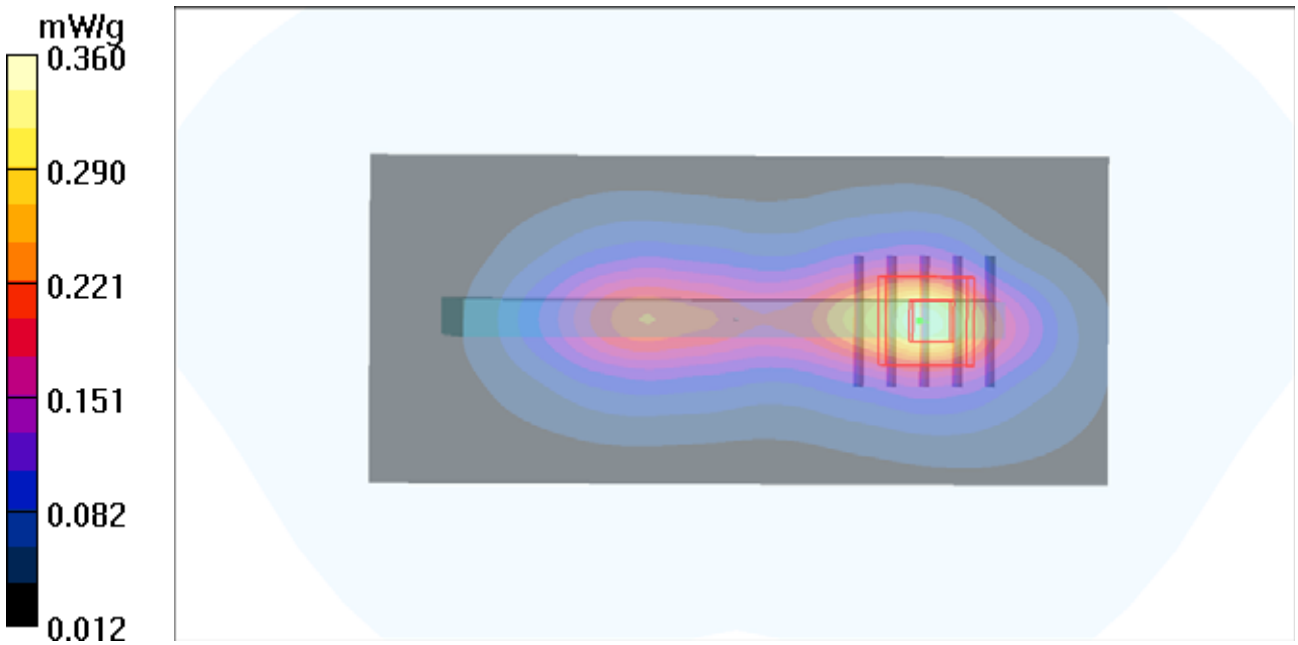
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.360 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.336 mW/g



P295 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20175_25RB_Offset 12

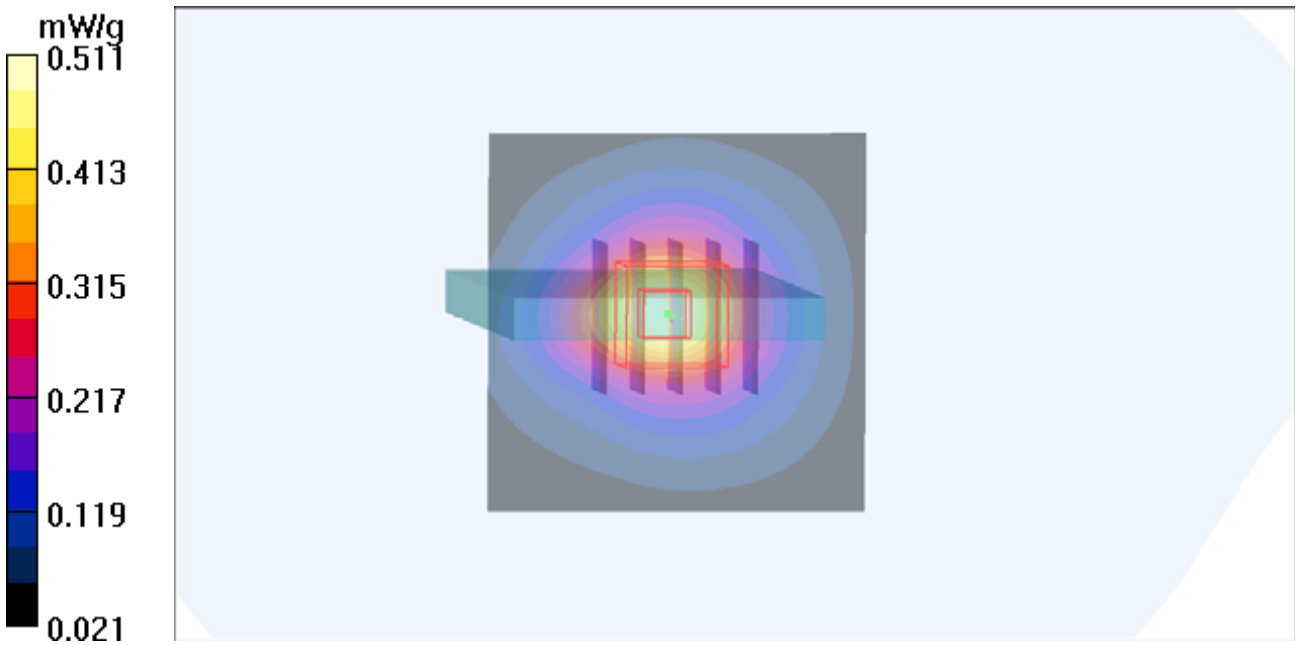
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.511 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.607 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.507 mW/g



P296 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_1RB_Offset 0

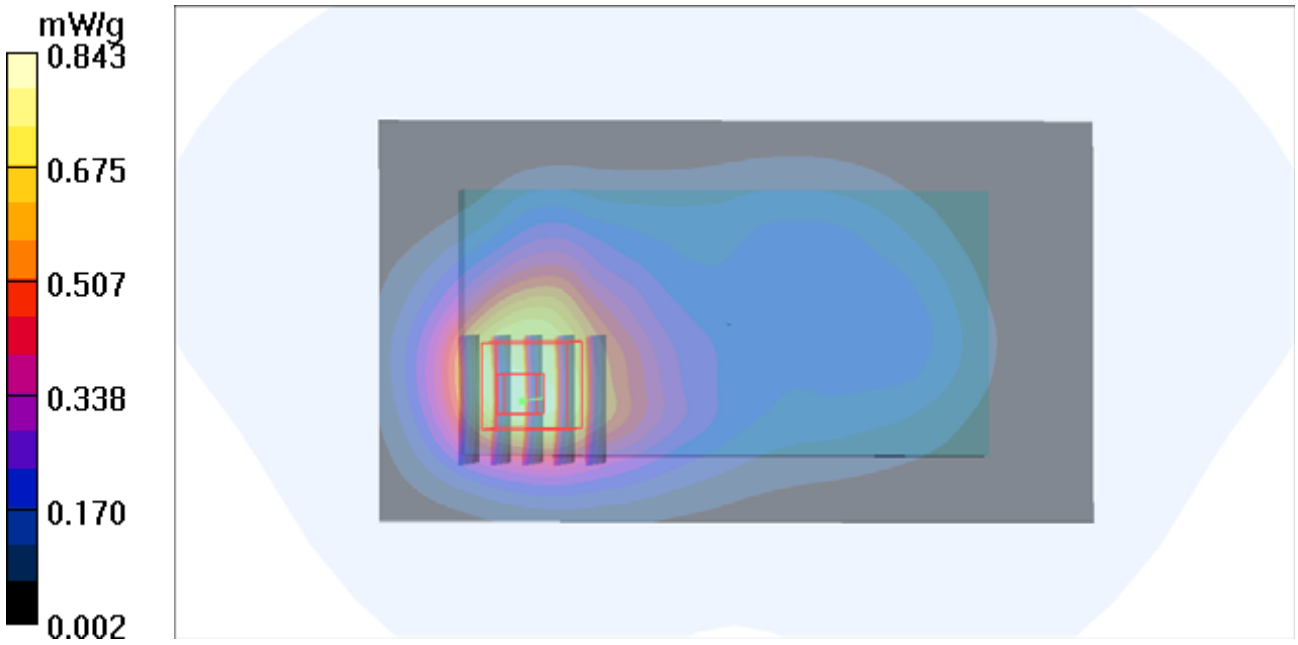
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.898 mW/g



P297 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_1RB_Offset 0

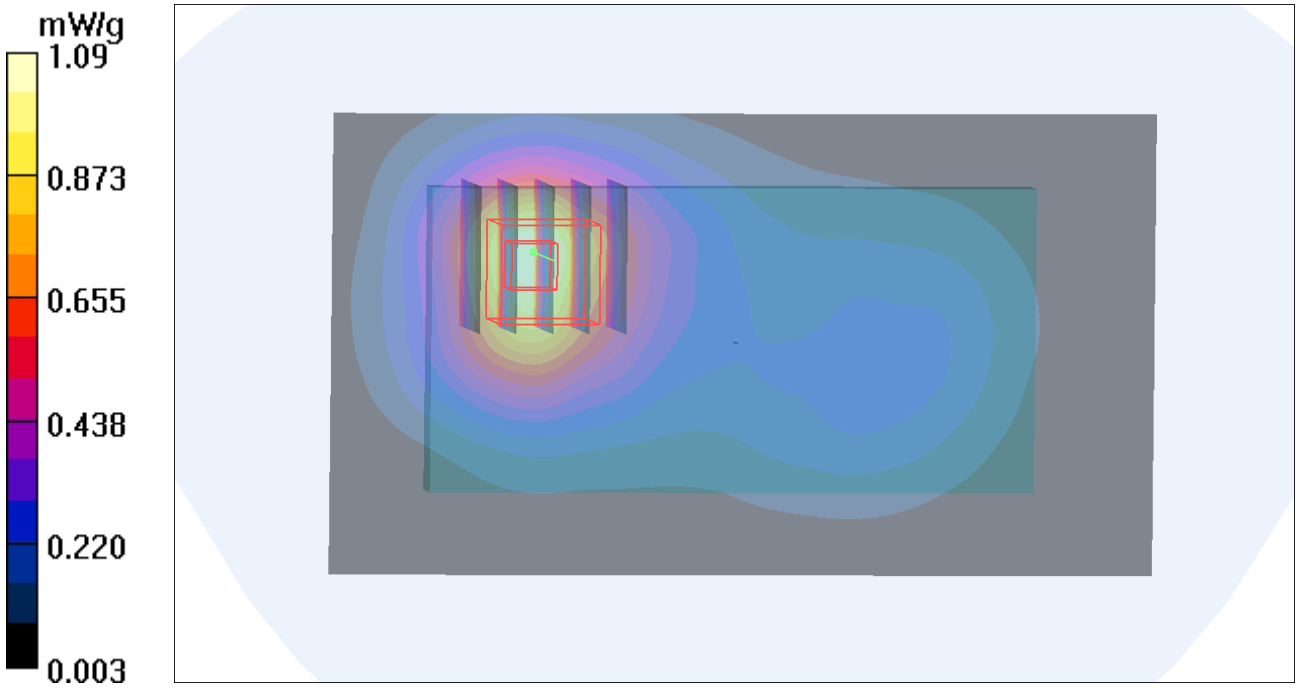
DUT: 120710C03

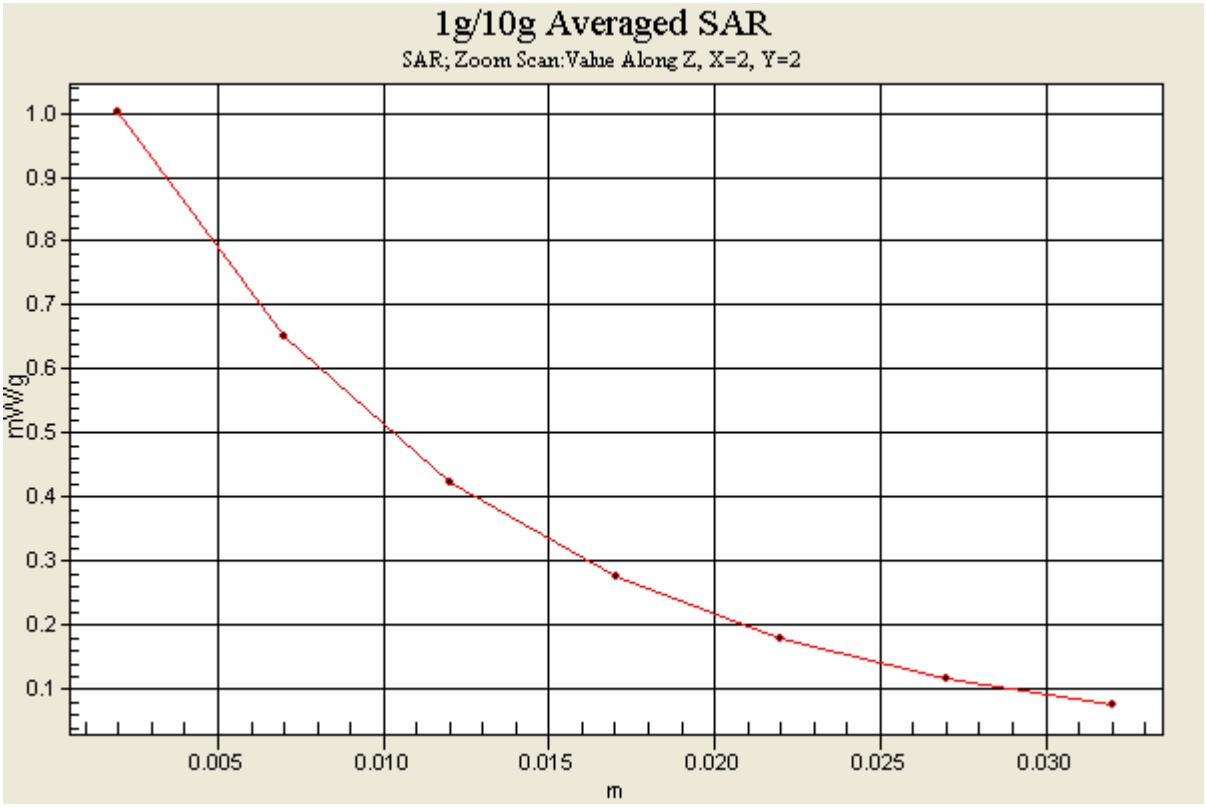
Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 1.00 mW/g




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

P298 LTE 4_QPSK_10M_Left Side_1cm_Ch20175_1RB_Offset 0

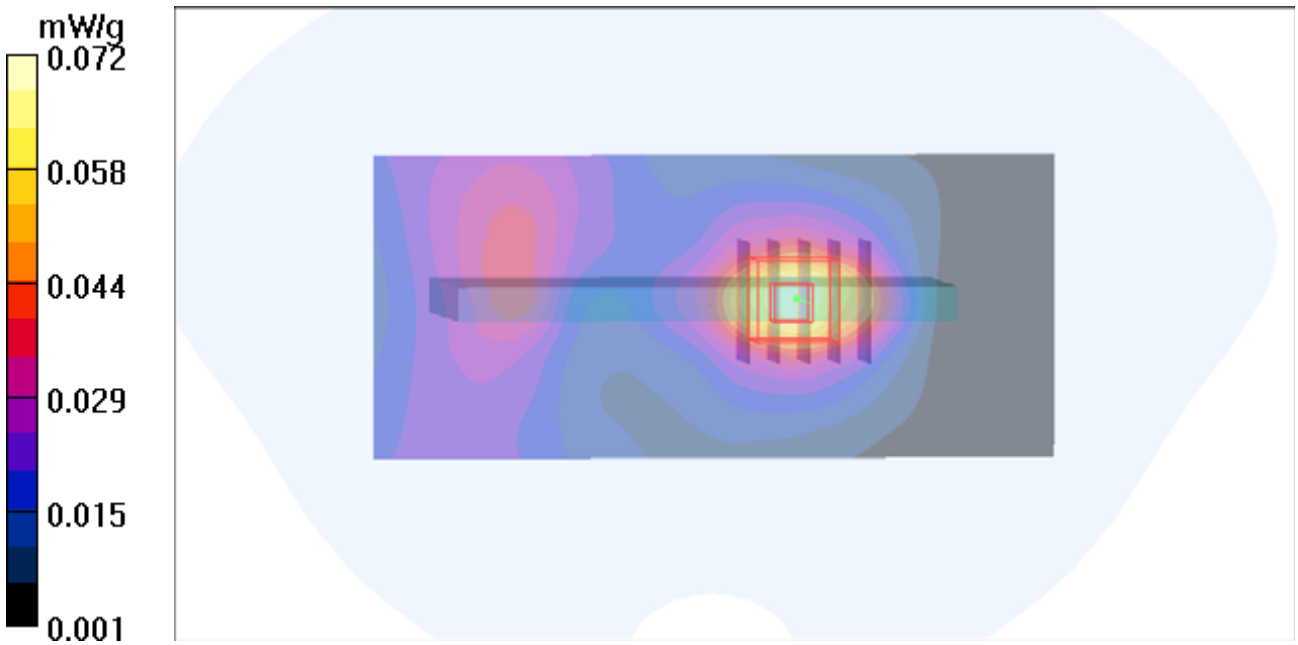
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.46 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.063 mW/g



P299 LTE 4_QPSK_10M_Right Side_1cm_Ch20175_1RB_Offset 0

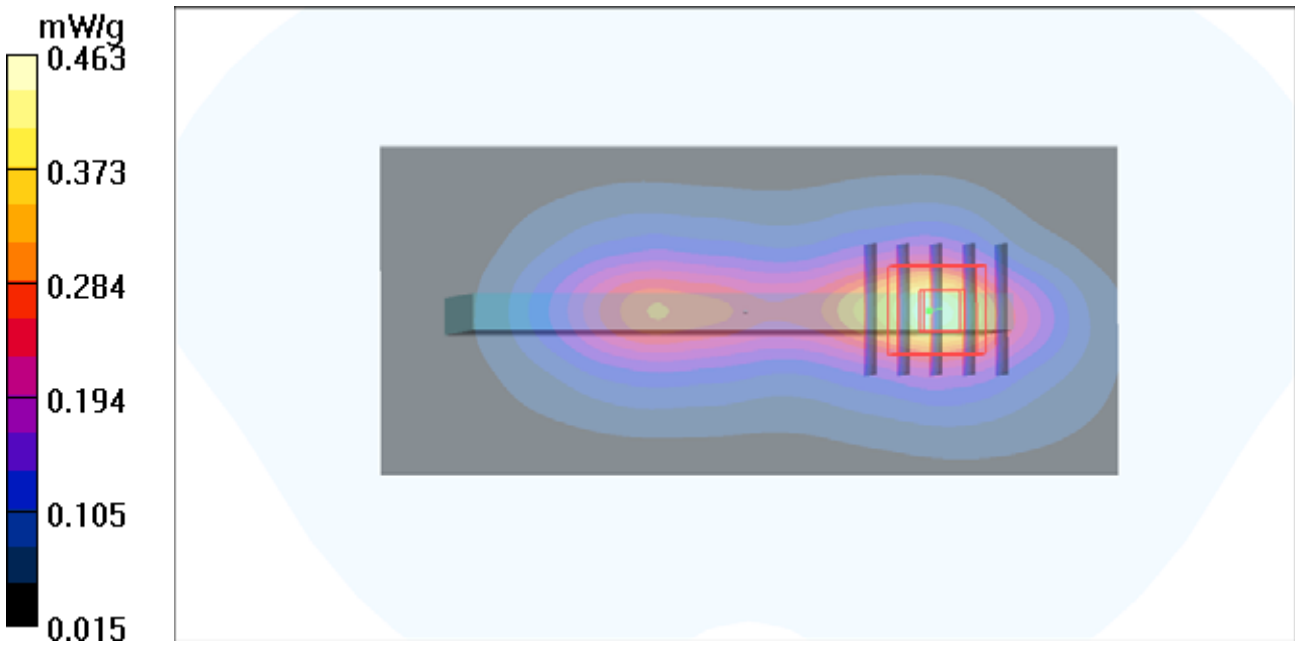
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.463 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.428 mW/g



P300 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20175_1RB_Offset 0

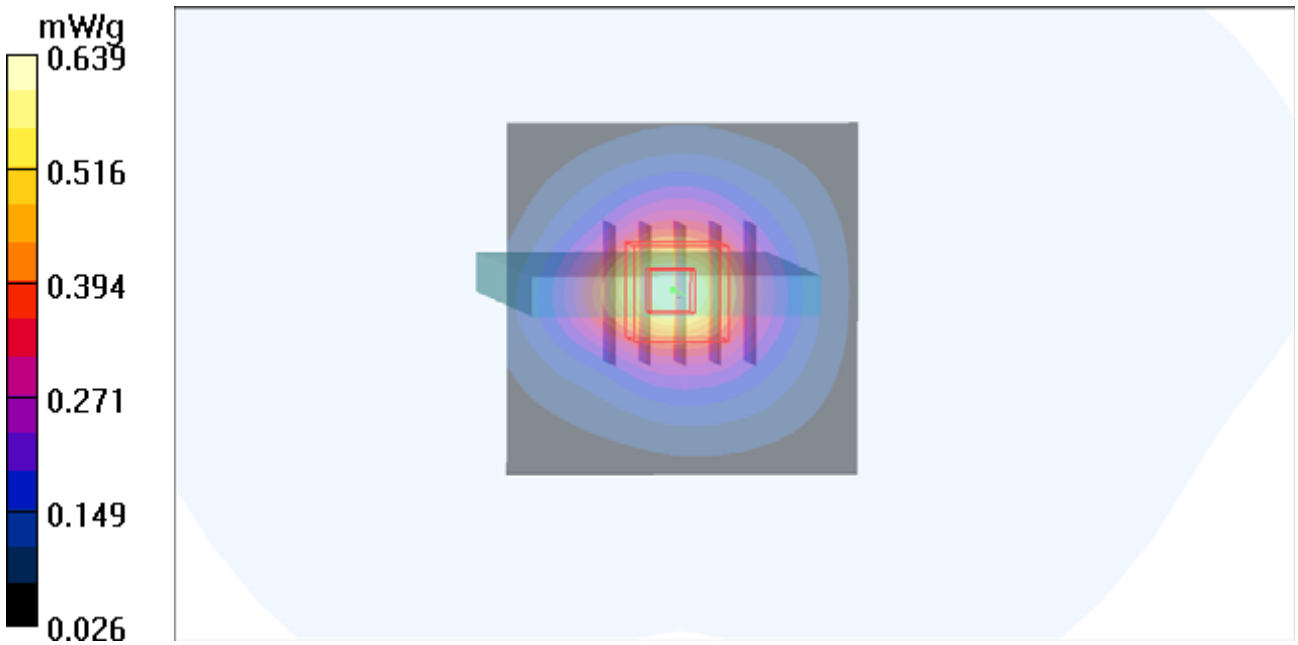
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.639 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.649 mW/g



P301 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_1RB_Offset 49

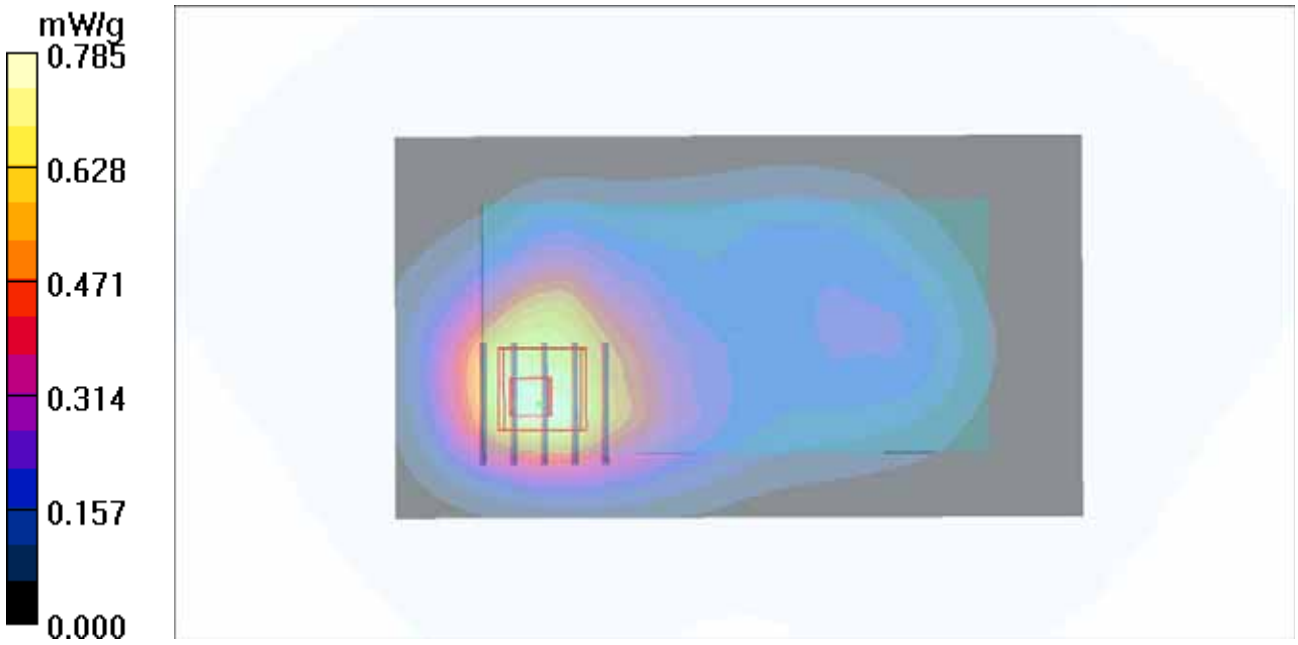
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.785 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.866 mW/g



P302 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_1RB_Offset 49

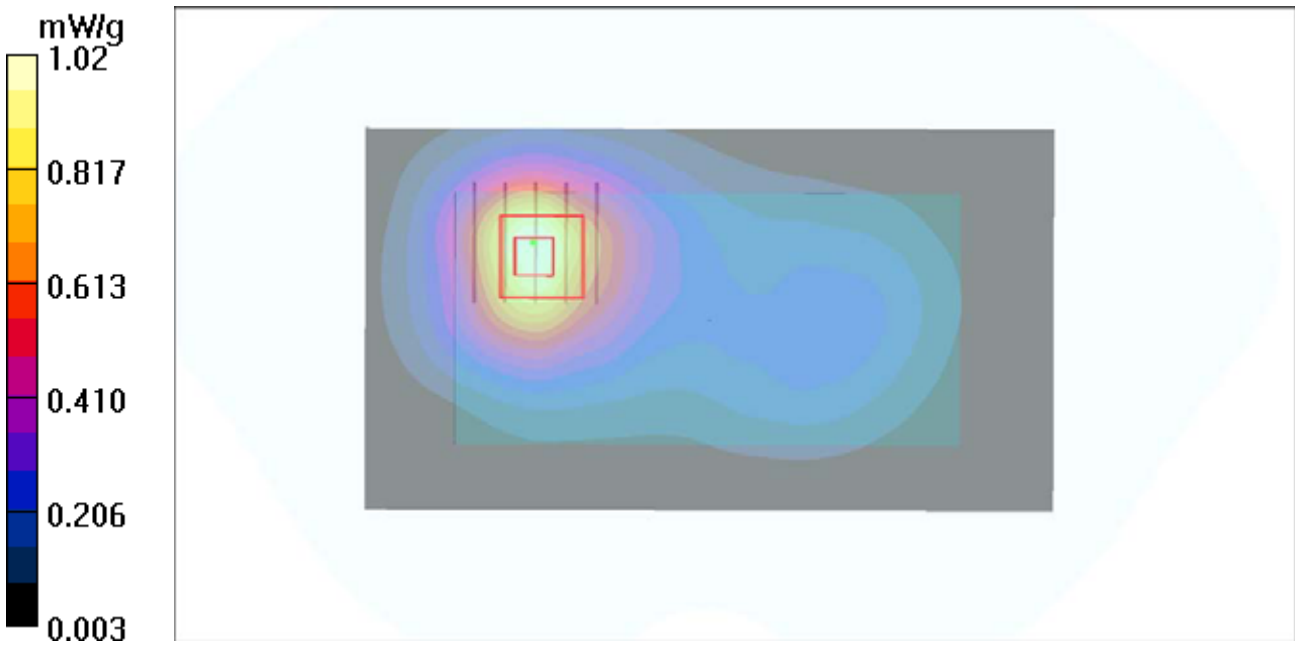
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.928 mW/g



P303 LTE 4_QPSK_10M_Left Side_1cm_Ch20175_1RB_Offset 49

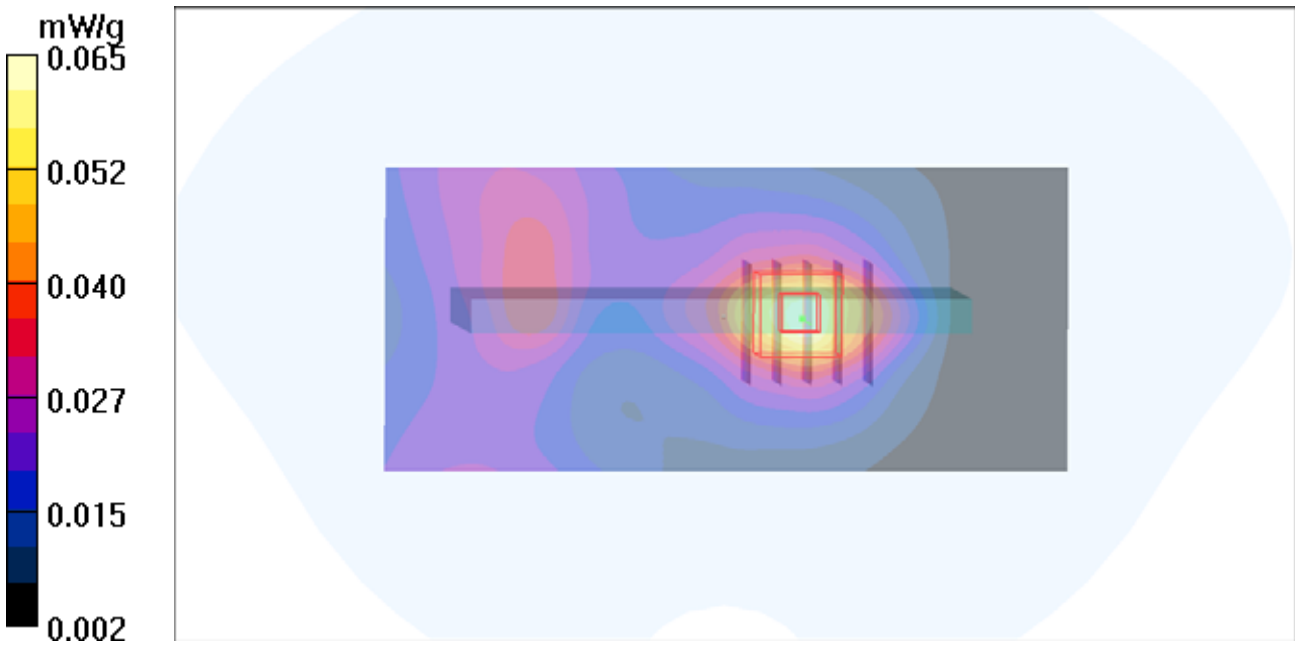
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.51 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



P304 LTE 4_QPSK_10M_Right Side_1cm_Ch20175_1RB_Offset 49

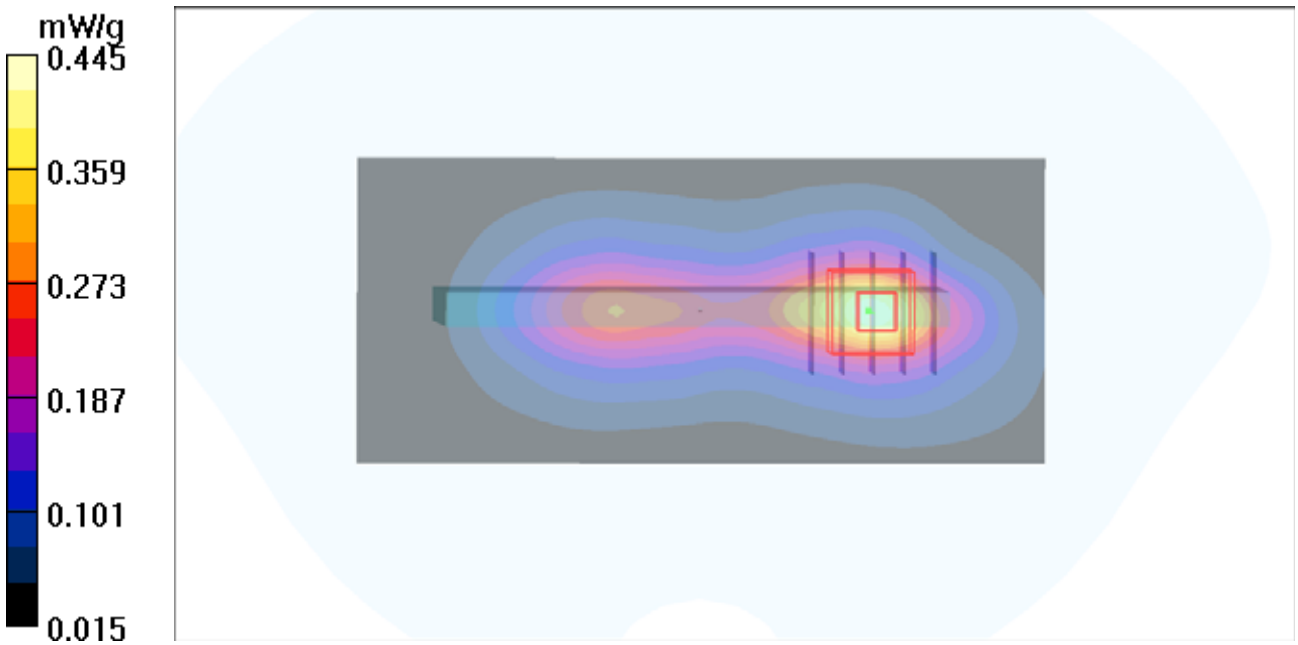
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.445 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.411 mW/g



P305 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20175_1RB_Offset 49

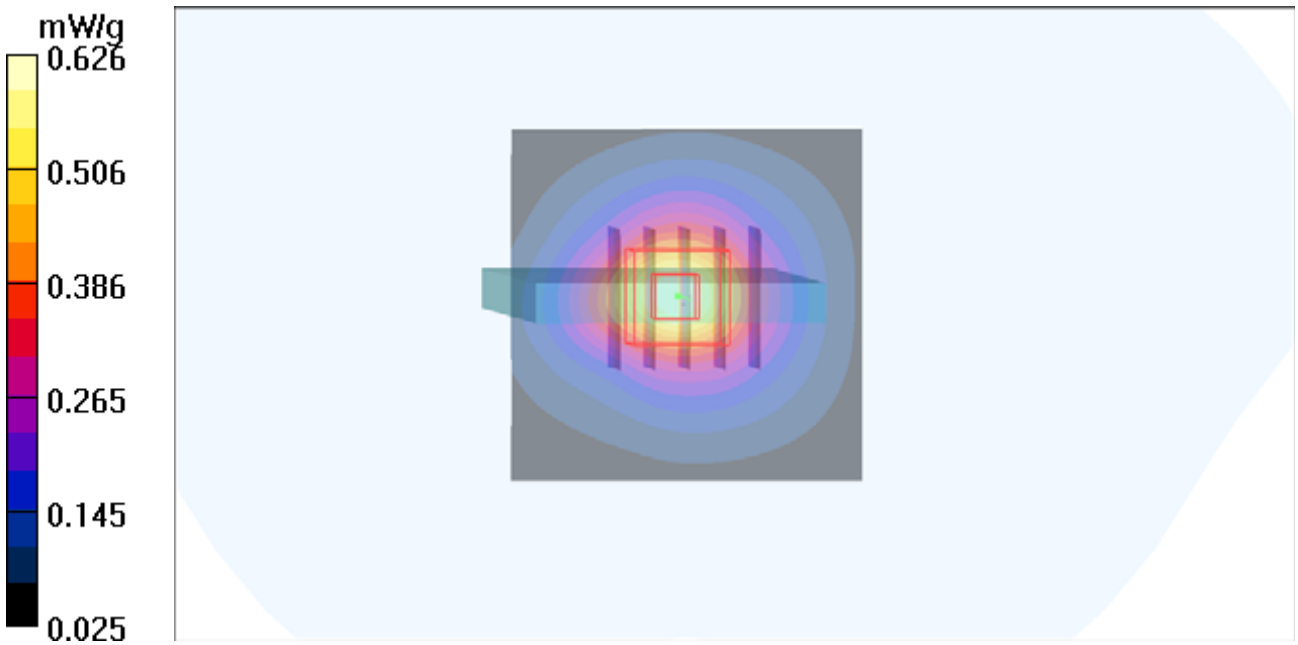
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.626 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



P306 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_25RB_Offset 12

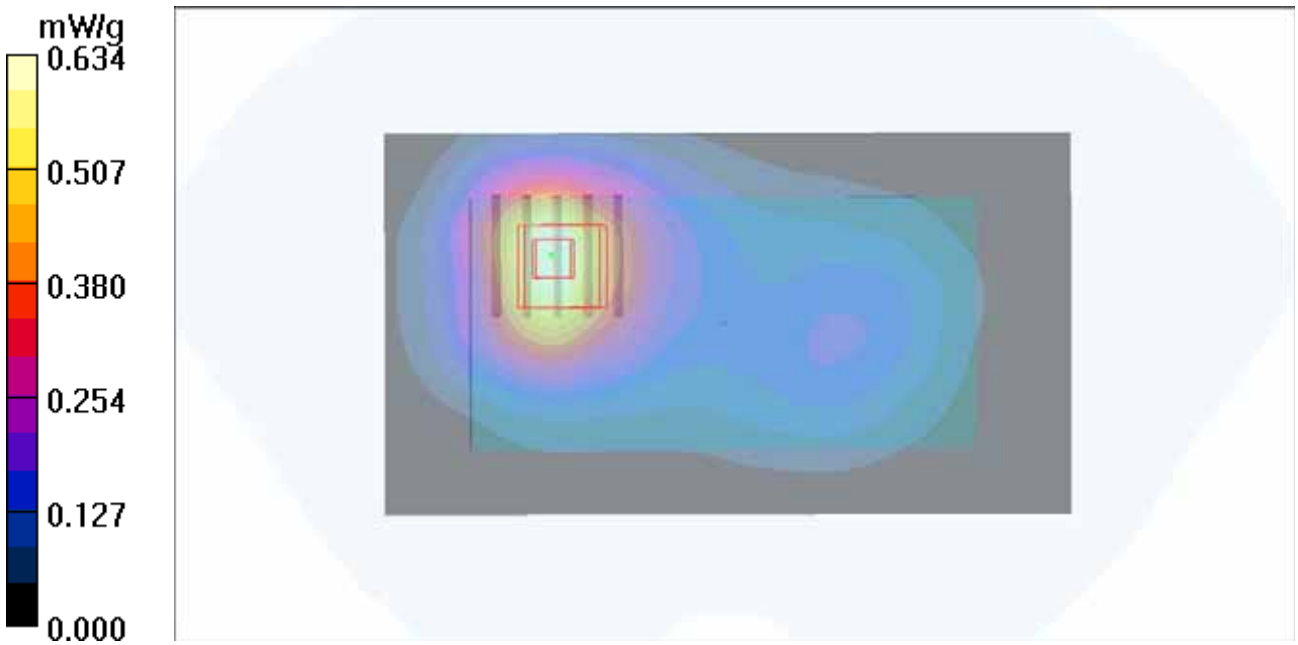
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.634 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.65 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.737 W/kg
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.615 mW/g



P307 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_1RB_Offset 0

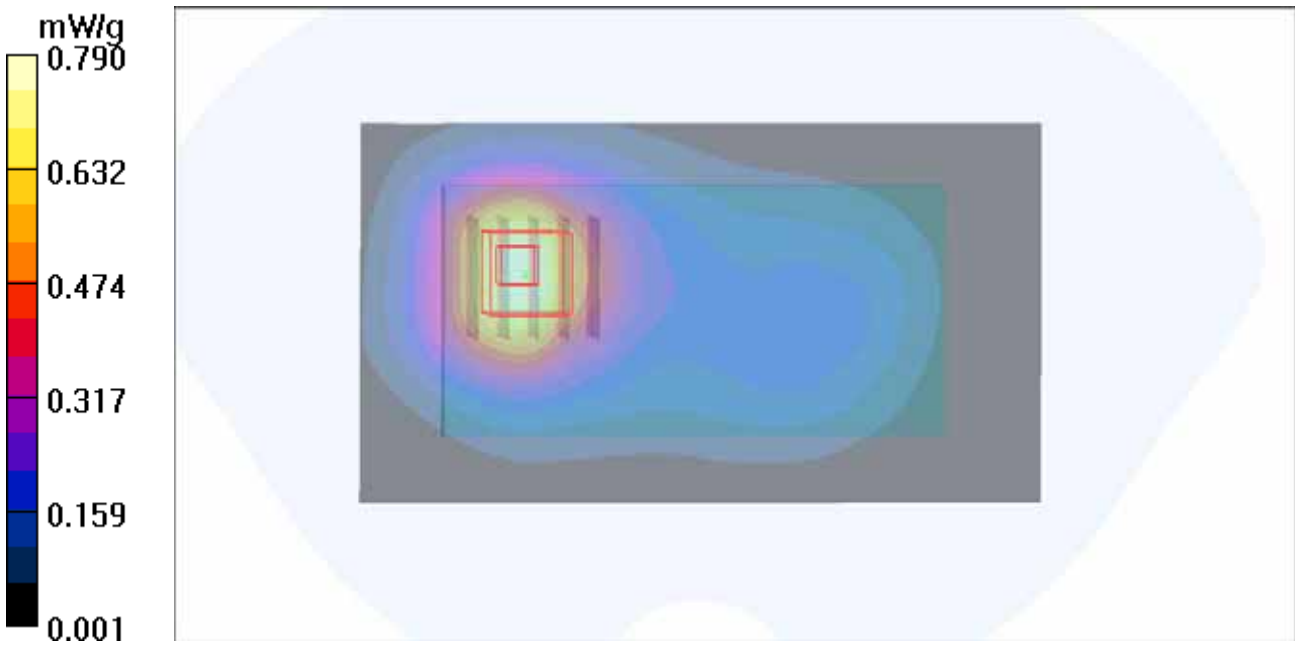
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.790 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.749 mW/g



P308 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_1RB_Offset 49

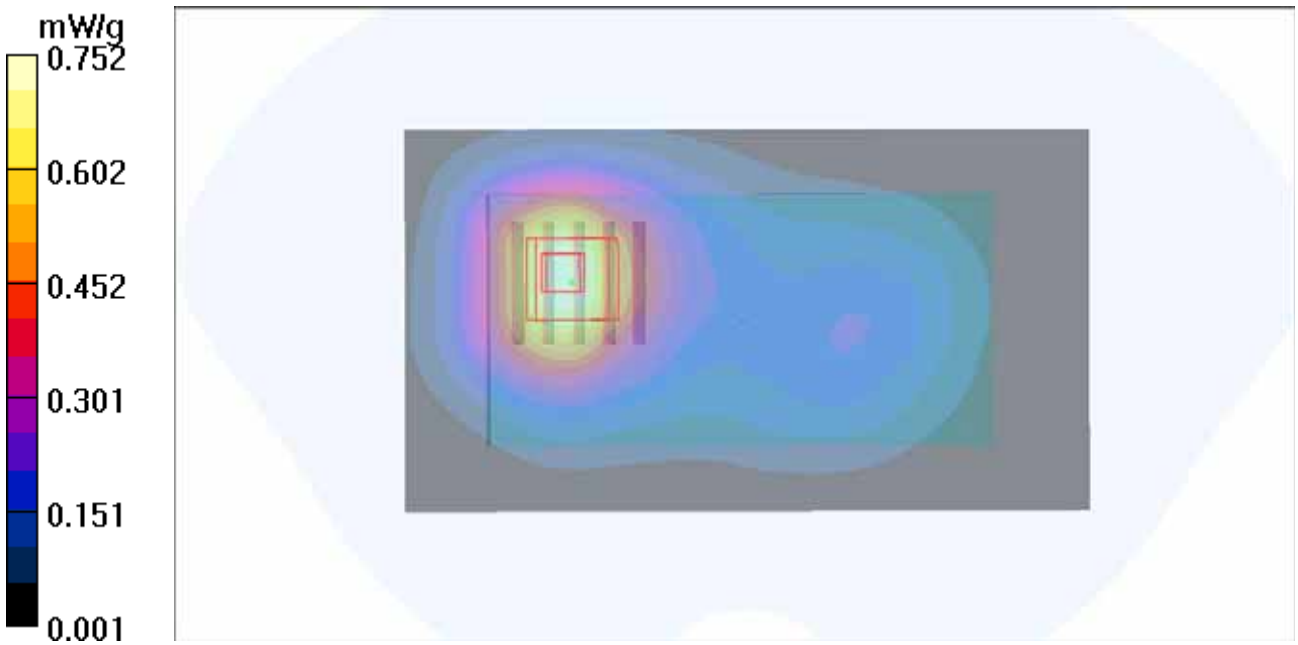
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.752 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.709 mW/g



P309 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_25RB_Offset 12_Earphone

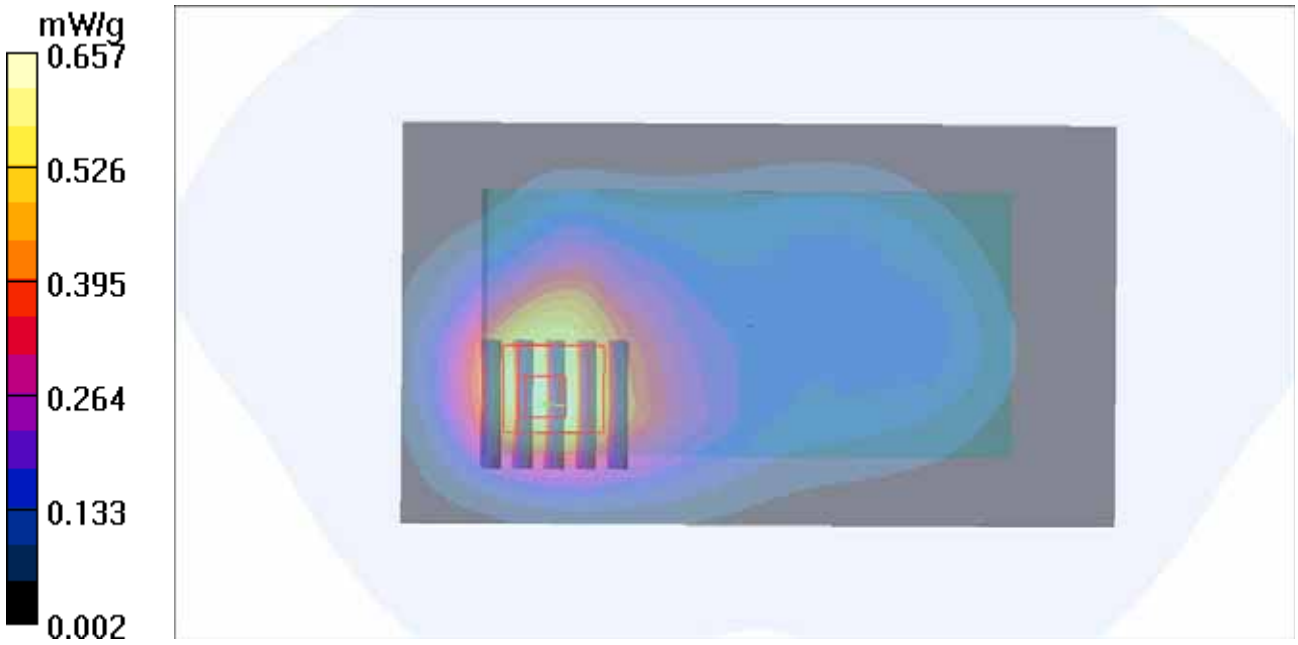
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.686 mW/g



P310 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_25RB_Offset 12_Earphone

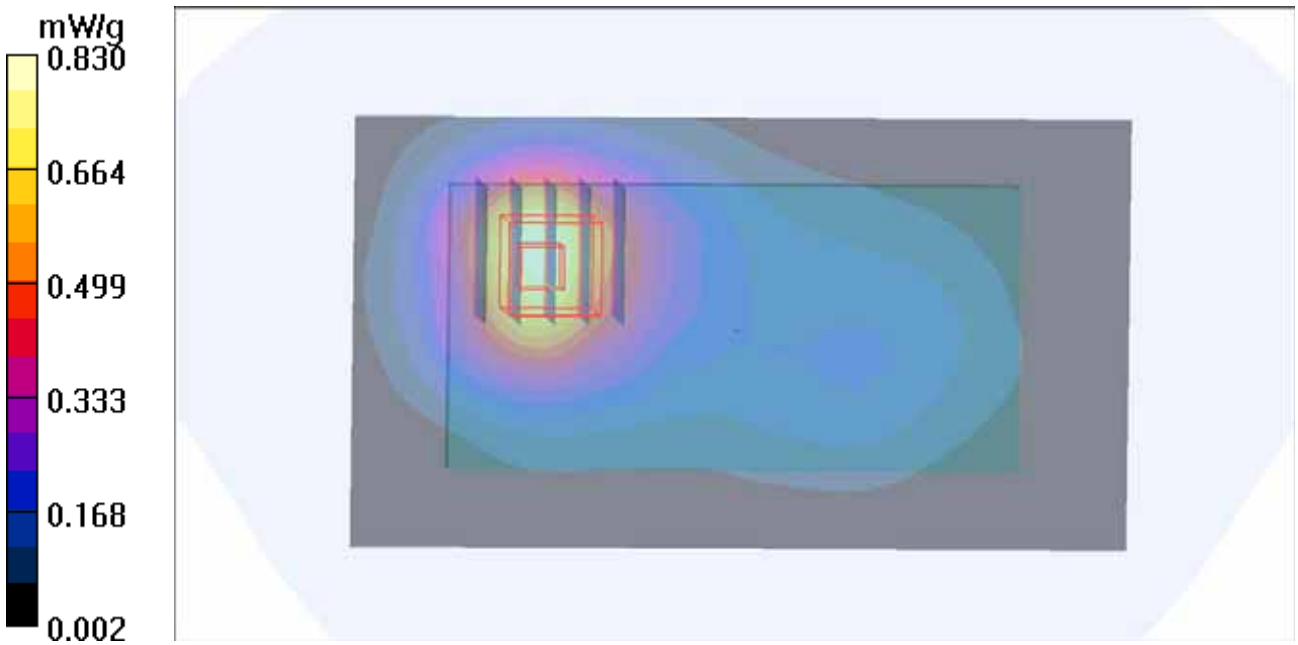
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.830 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.748 mW/g



P311 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_1RB_Offset 0_Earphone

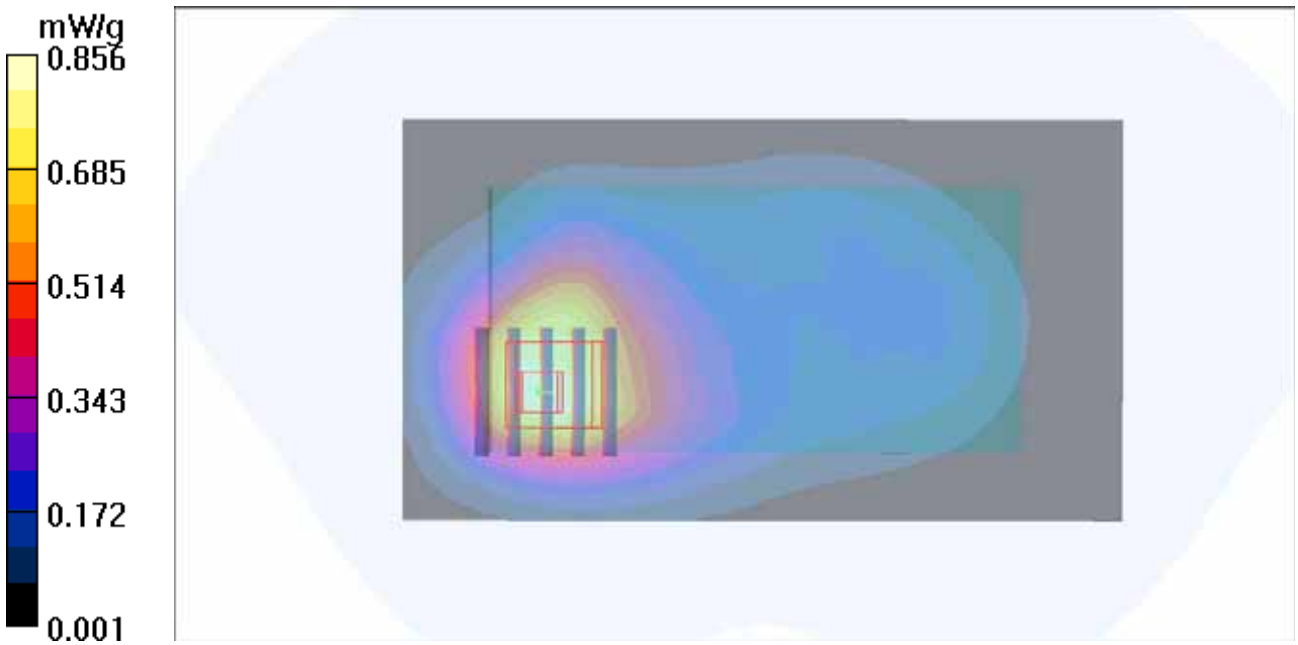
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.856 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.889 mW/g



P312 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_1RB_Offset 0_Earphone

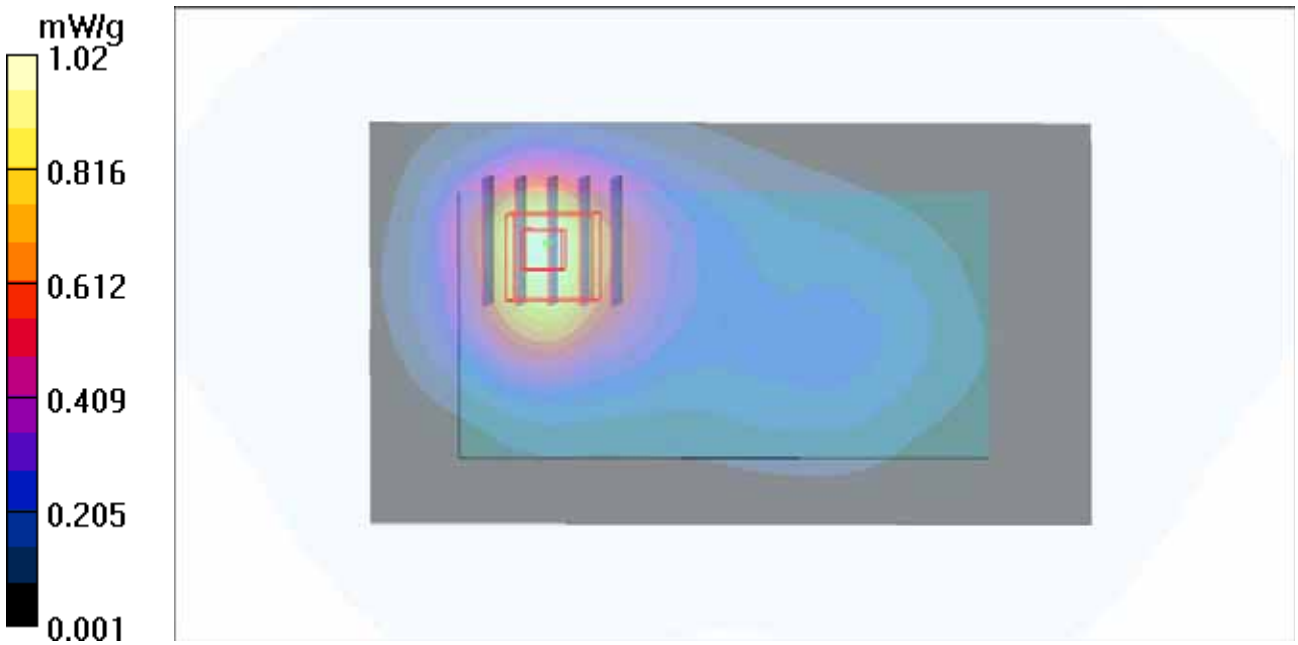
DUT: 120710C03

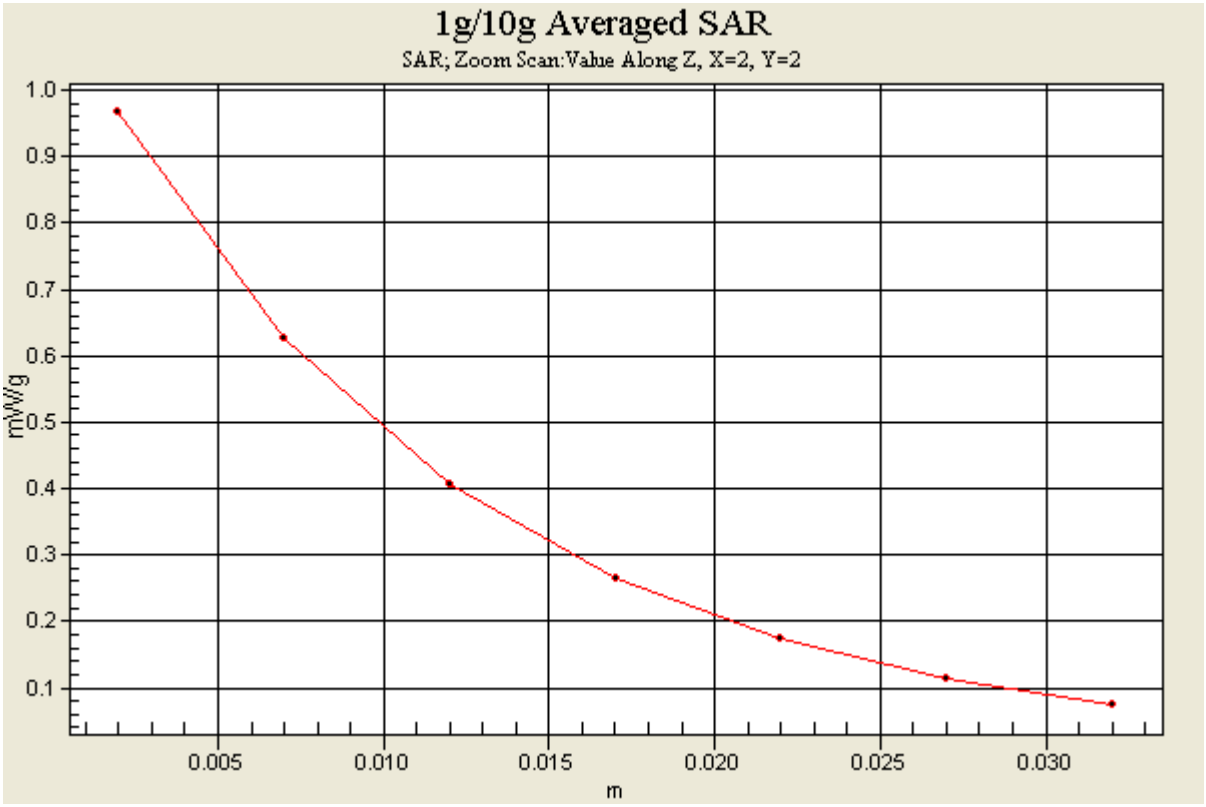
Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.966 mW/g




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

P313 LTE 4_QPSK_10M_Front Face_1cm_Ch20175_1RB_Offset 49_Earphone

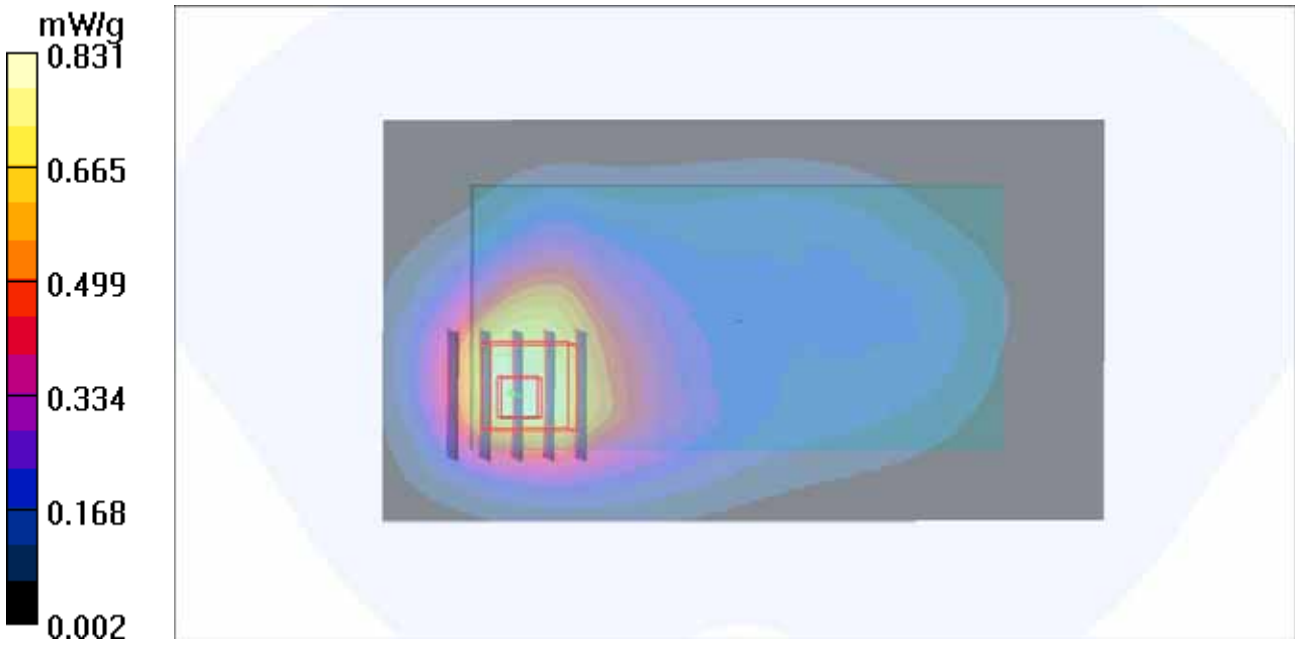
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.831 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.871 mW/g



P314 LTE 4_QPSK_10M_Rear Face _1cm_Ch20175_1RB_Offset 49_Earphone

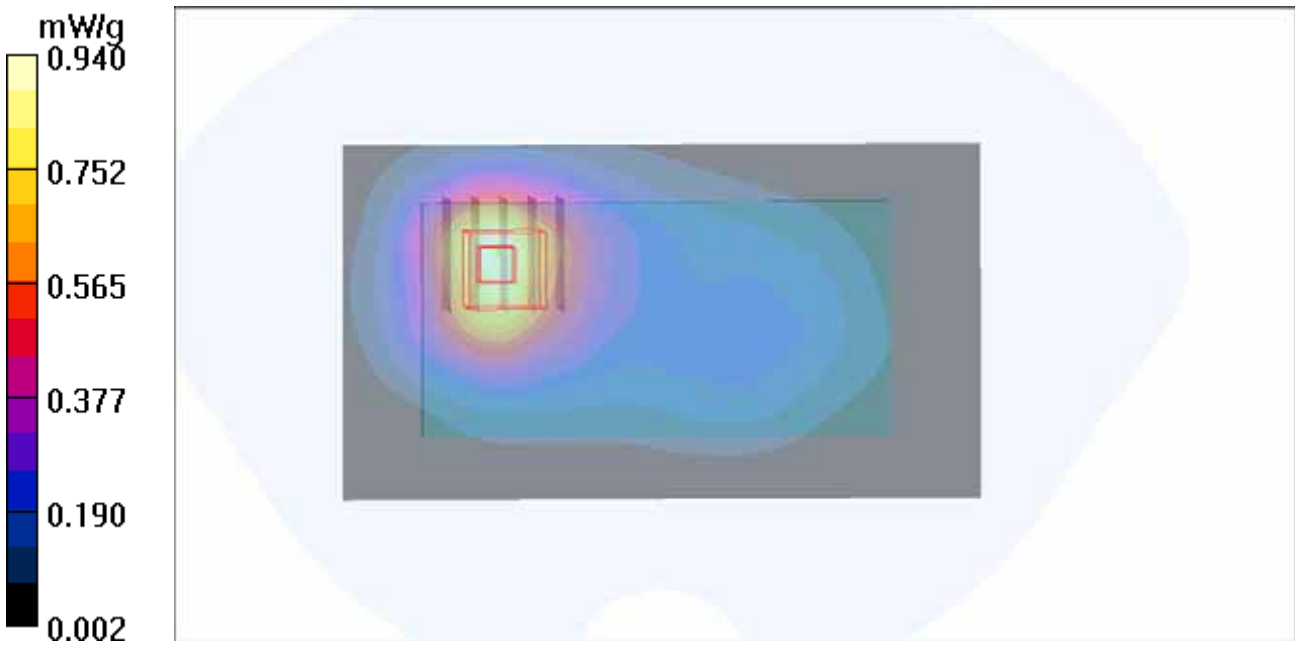
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.940 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.446 mW/g
Maximum value of SAR (measured) = 0.895 mW/g



P315 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_25RB_Offset 12_Earphone

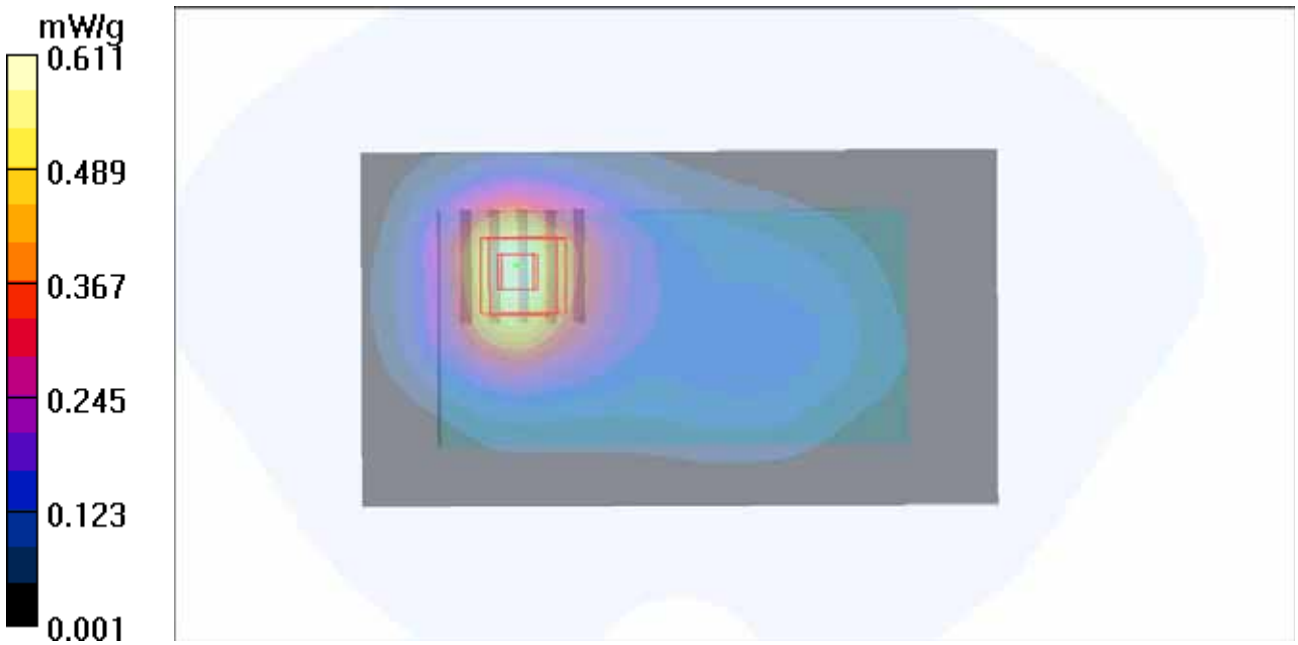
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.611 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.99 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.583 mW/g



P316 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_1RB_Offset 0_Earphone

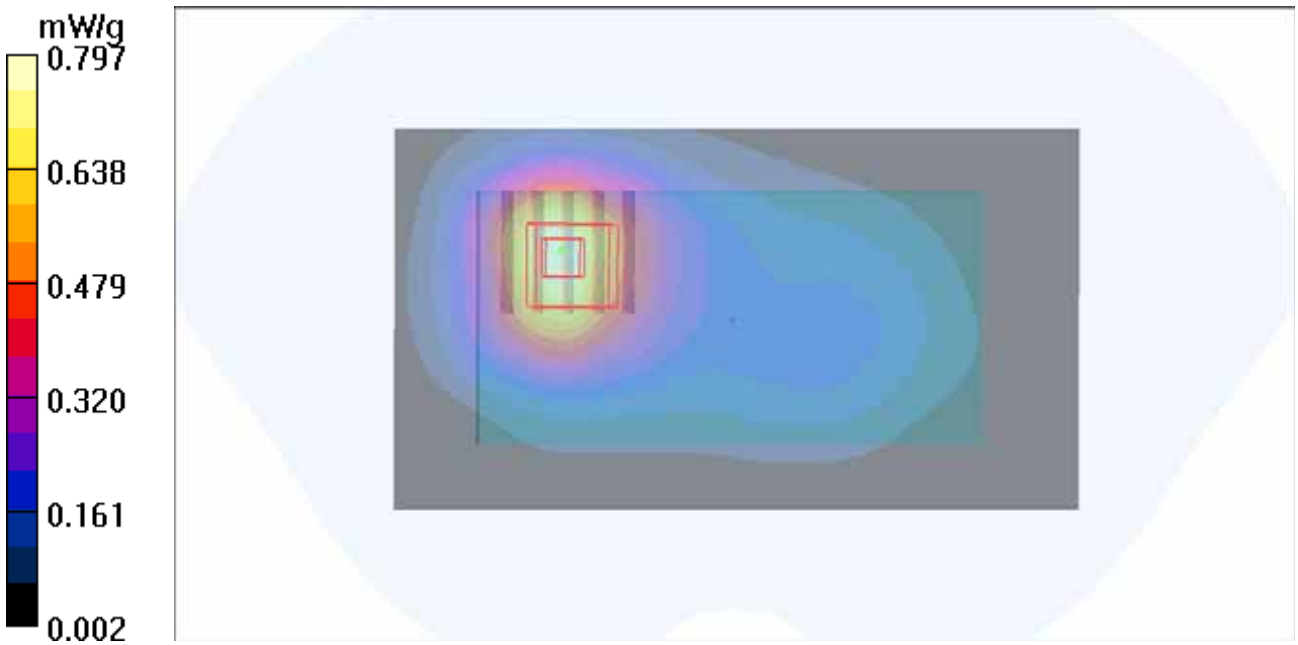
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.797 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 0.749 mW/g



P317 LTE 4_16QAM_10M_Rear Face _1cm_Ch20175_1RB_Offset 49_Earphone

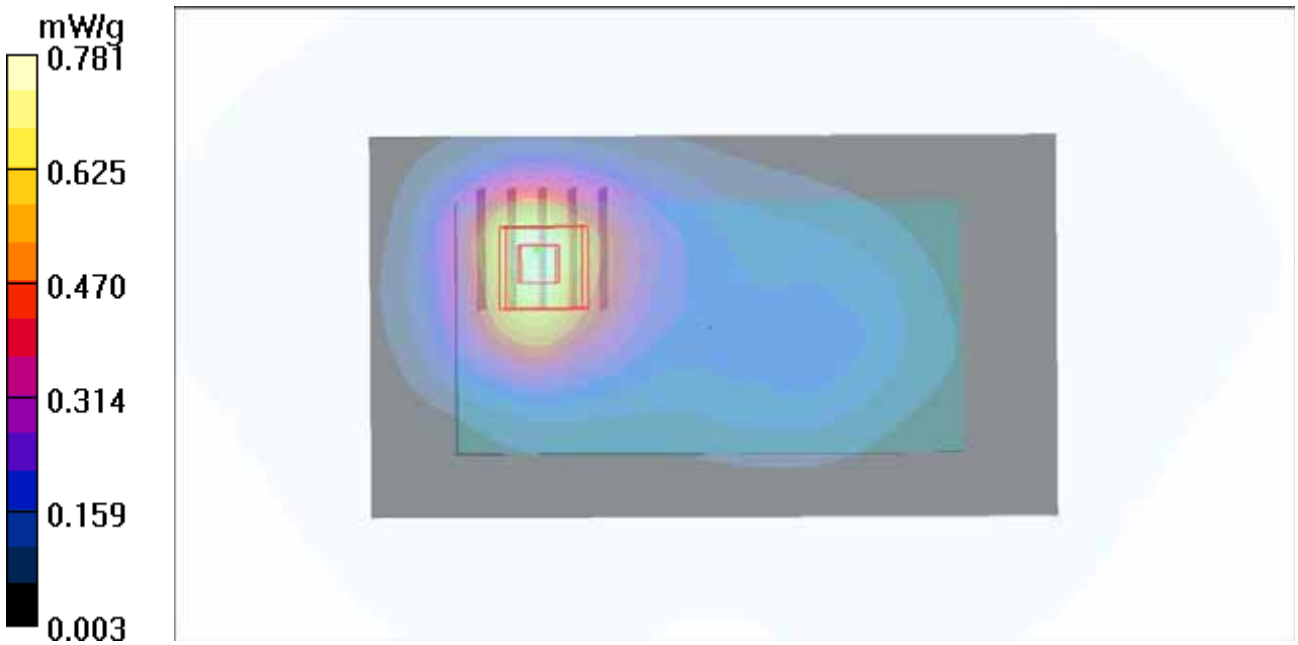
DUT: 120710C03

Communication System: LTE band 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0724 Medium parameters used : f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.64, 8.64, 8.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- 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

Ch20175/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.781 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.721 mW/g



P261 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_25RB_Offset 12

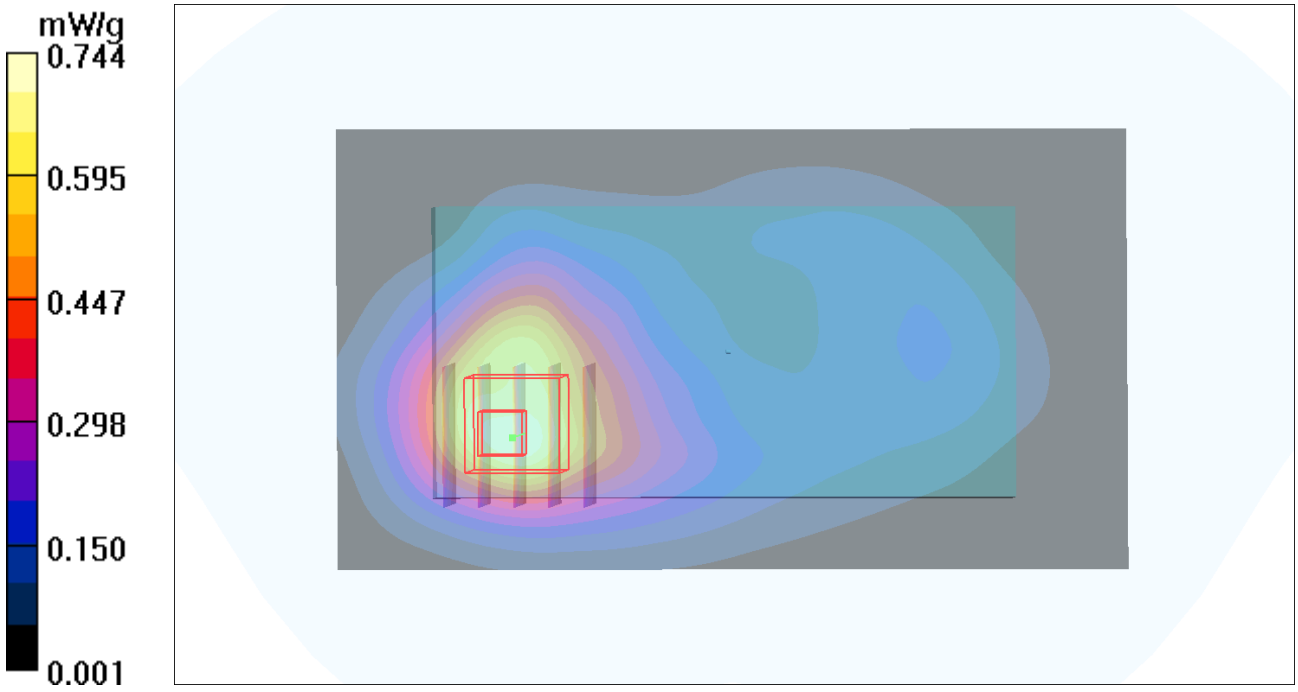
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.744 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.50 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.350 mW/g
Maximum value of SAR (measured) = 0.767 mW/g



P262 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_25RB_Offset 12

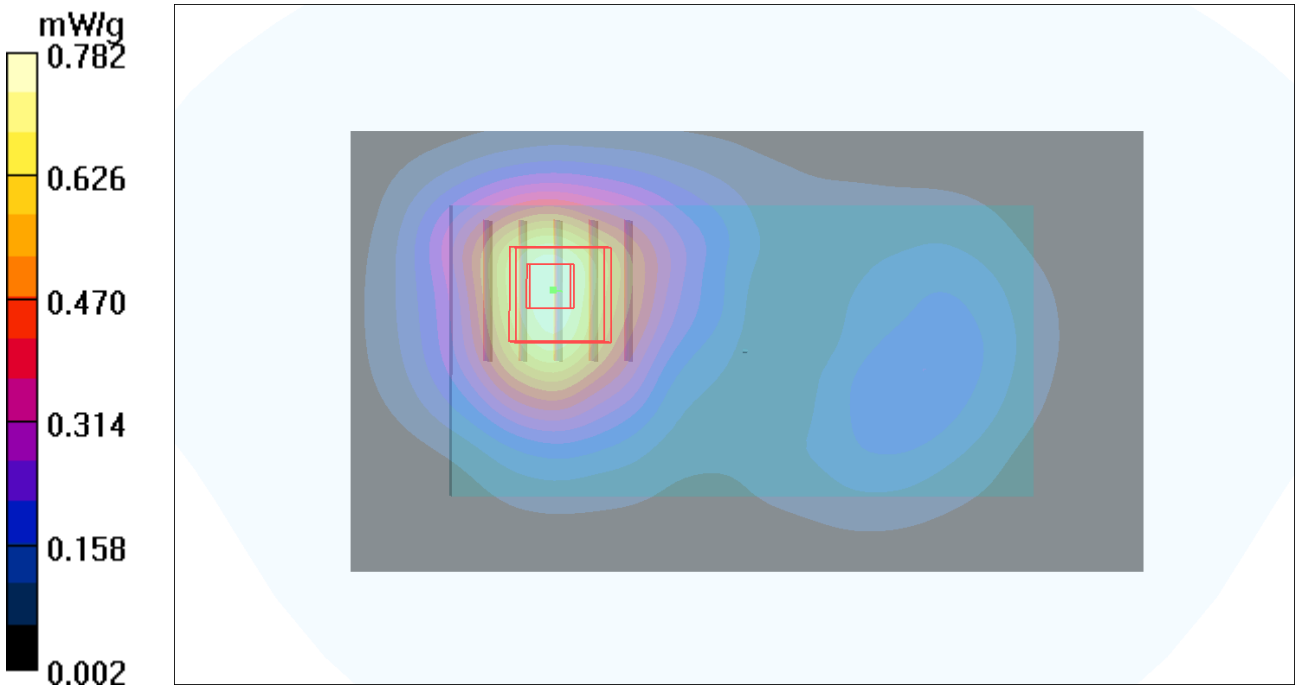
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.782 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.28 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.749 mW/g



P263 LTE 2_QPSK_10M_Left Side_1cm_Ch18650_25RB_Offset 12

DUT: 120710C03

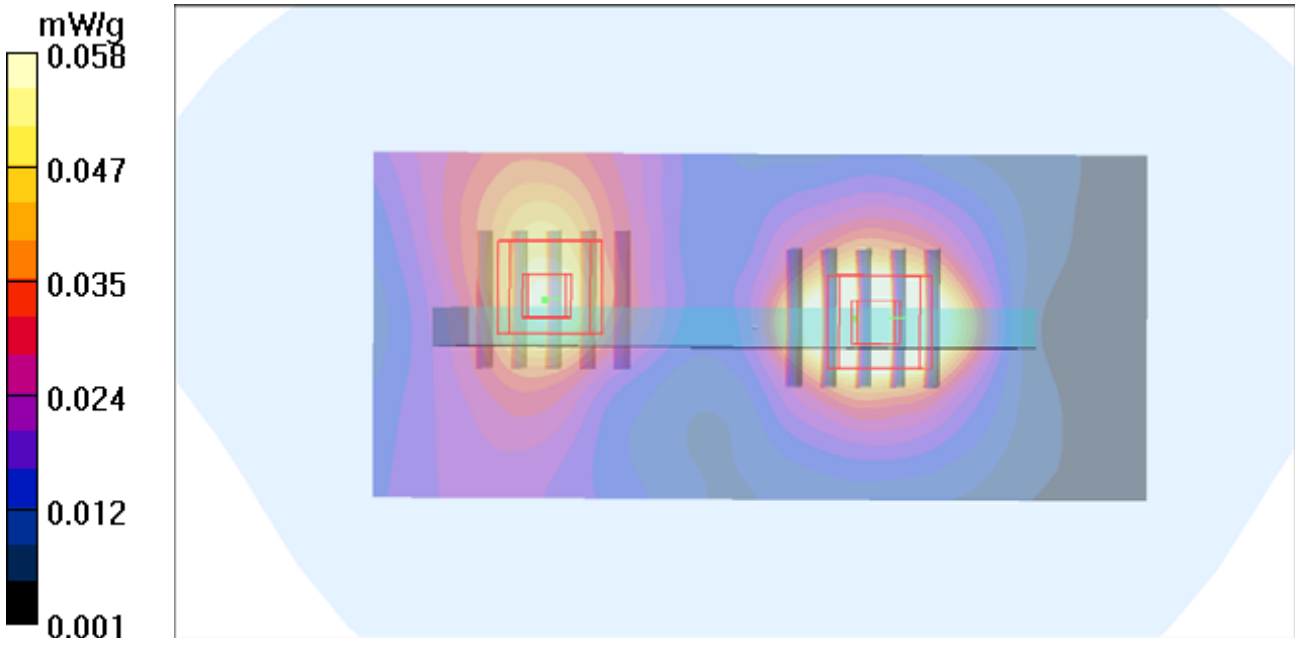
Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.081 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.61 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.076 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.61 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



P264 LTE 2_QPSK_10M_Right Side_1cm_Ch18650_25RB_Offset 12

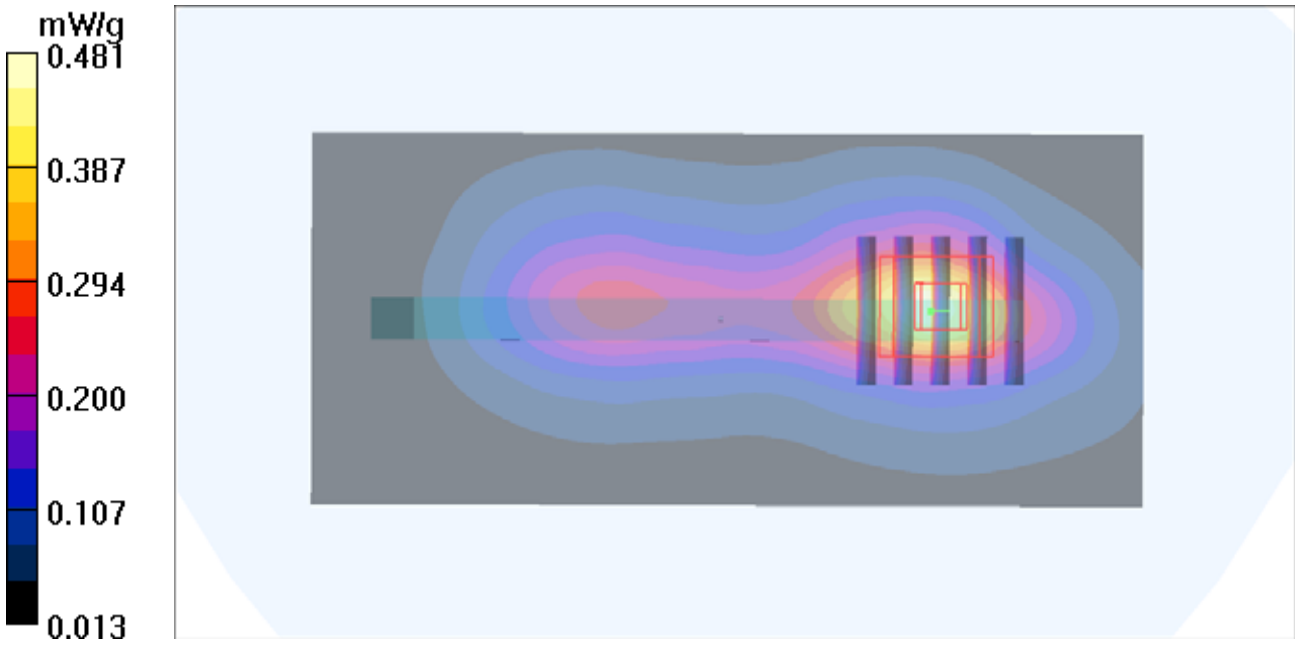
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.481 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.457 mW/g



P266 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18650_25RB_Offset 12

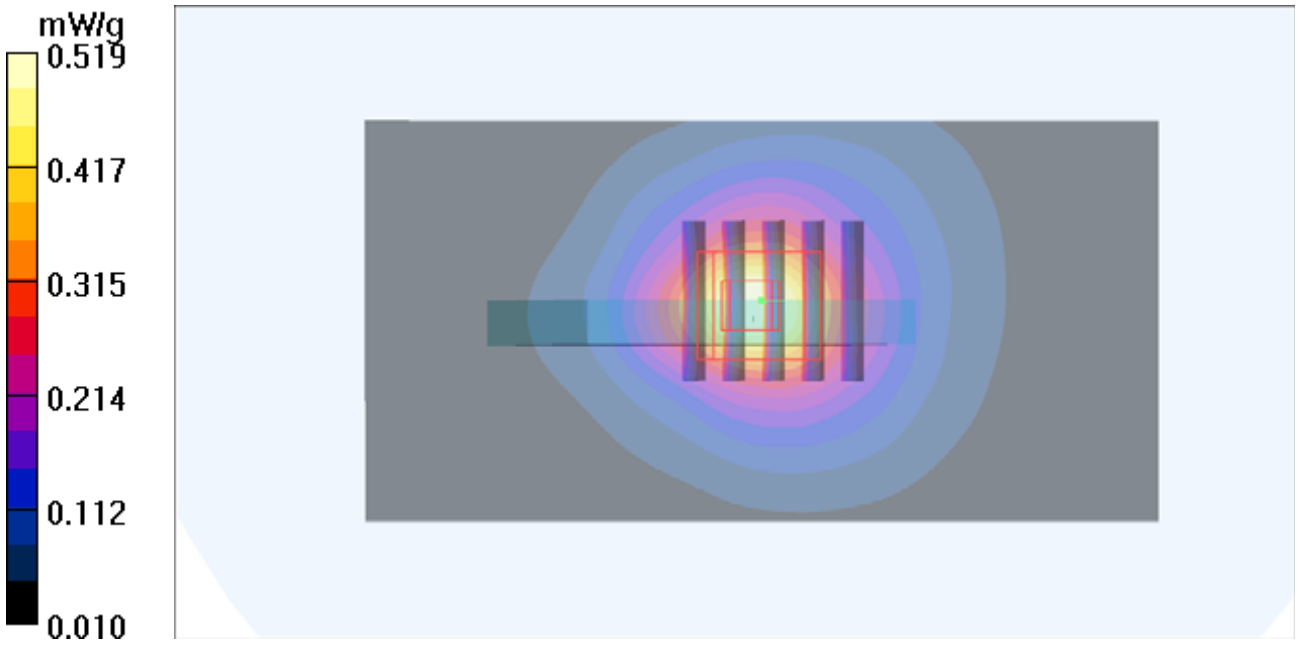
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.519 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.517 mW/g



P267 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_1RB_Offset 0

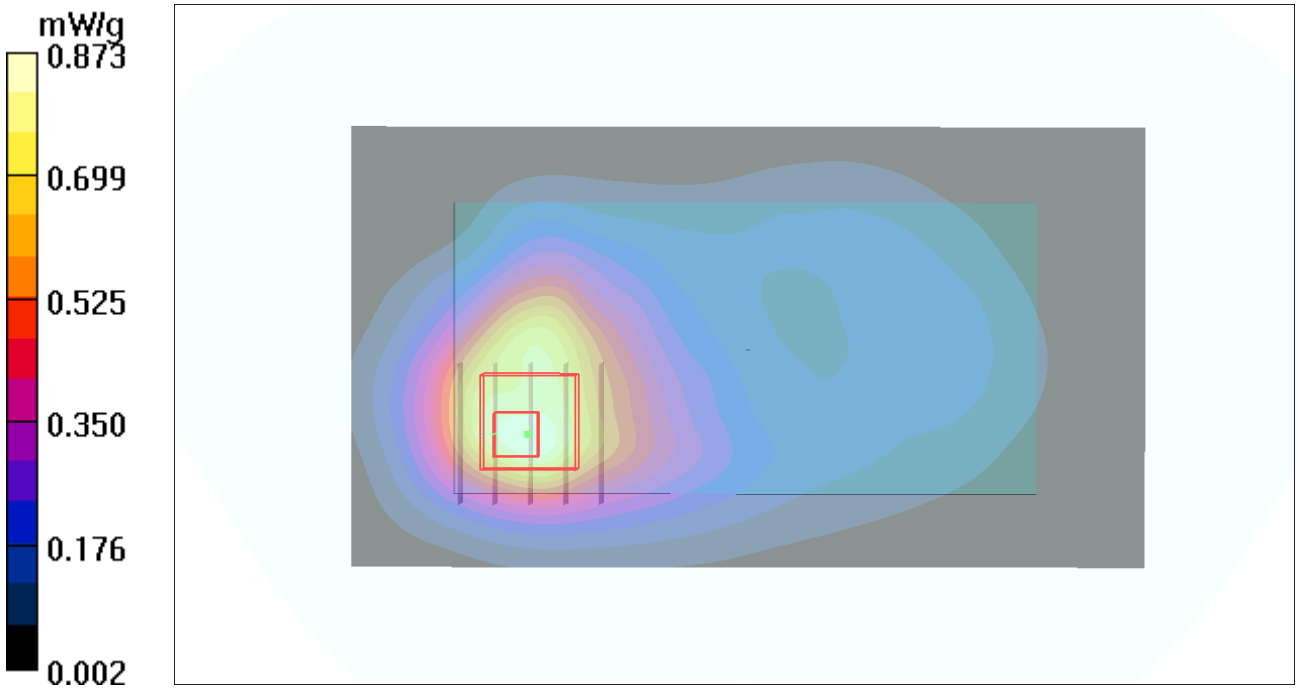
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.873 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.91 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.904 mW/g



P268 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_1RB_Offset 0

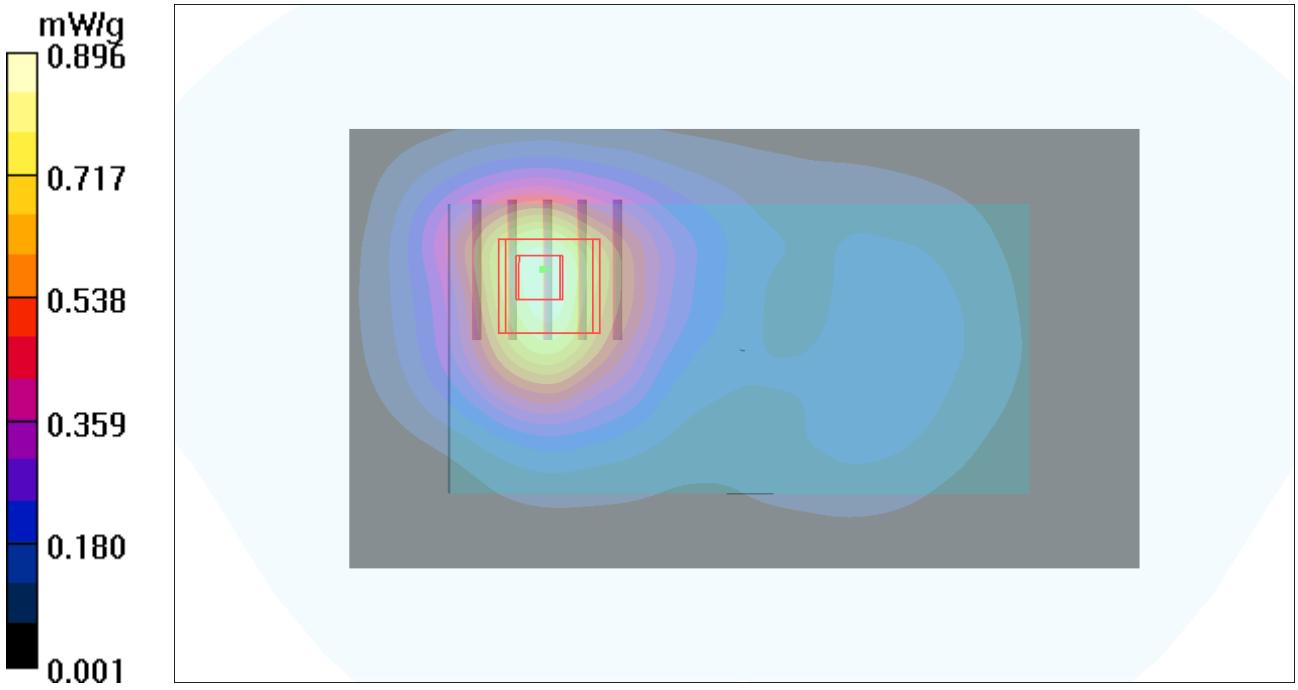
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.896 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.95 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 0.870 mW/g



P269 LTE 2_QPSK_10M_Left Side_1cm_Ch18650_1RB_Offset 0

DUT: 120710C03

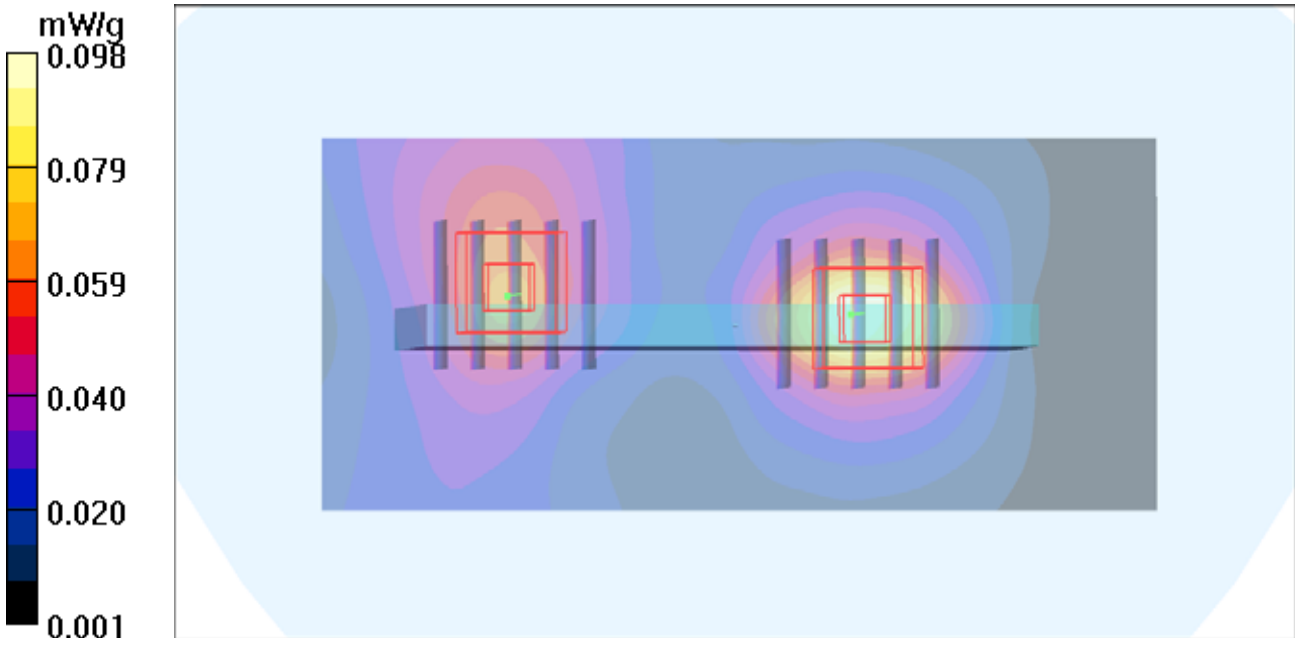
Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.098 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



P270 LTE 2_QPSK_10M_Right Side_1cm_Ch18650_1RB_Offset 0

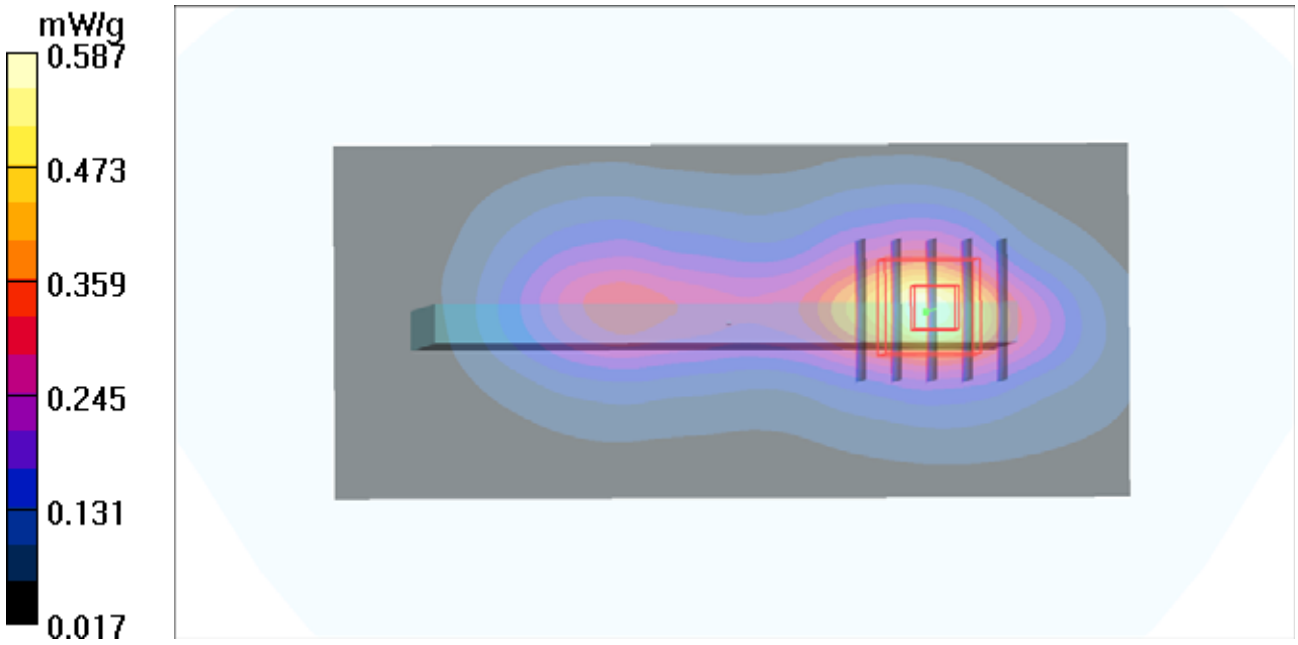
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.587 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.554 mW/g



P272 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18650_1RB_Offset 0

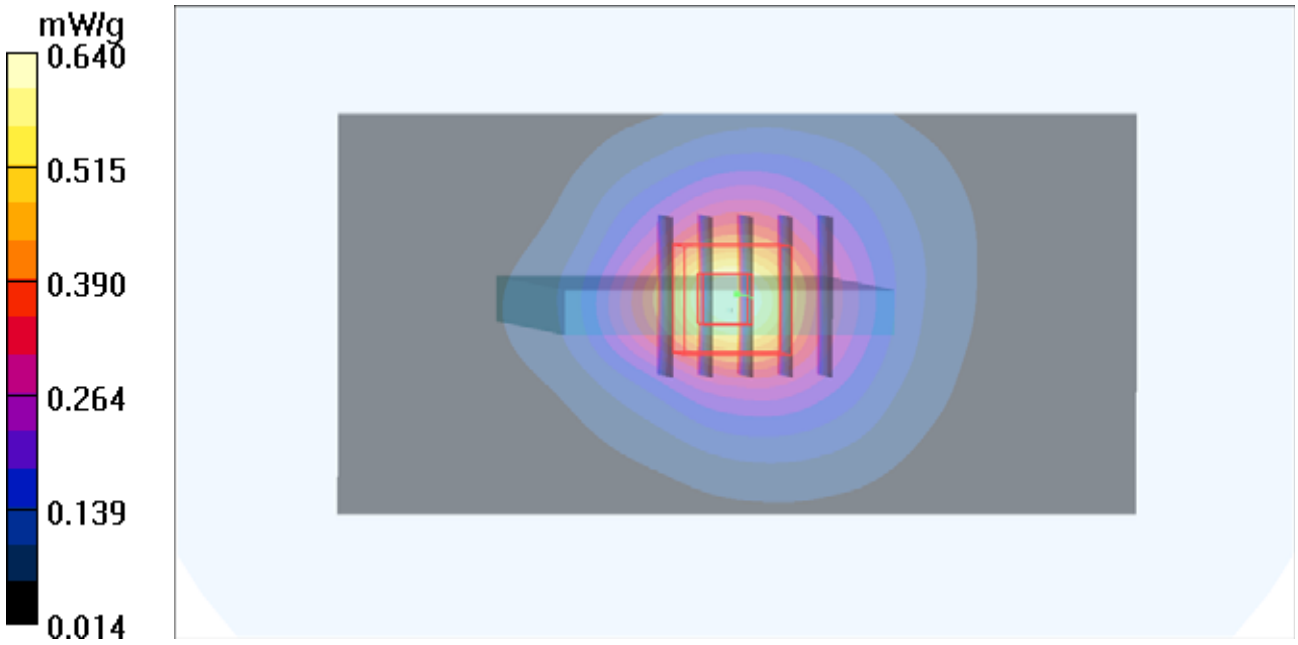
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.640 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.633 mW/g



P273 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_1RB_Offset 49

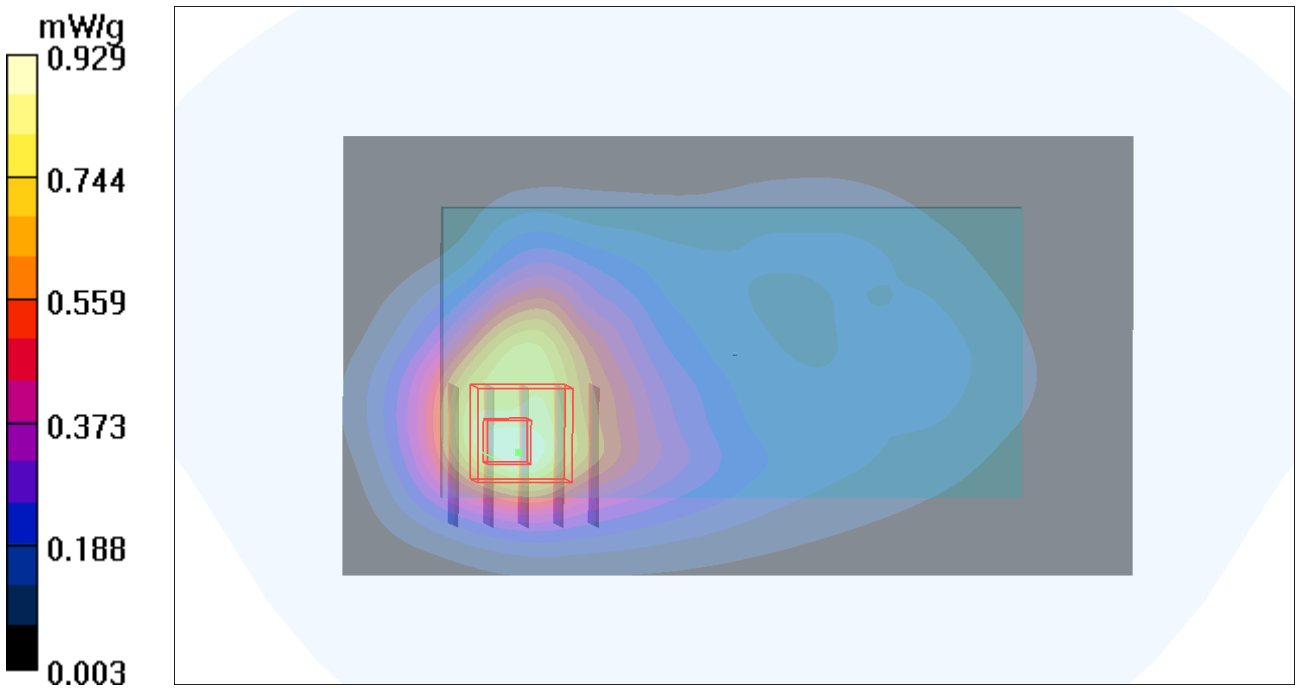
DUT: 120710C03

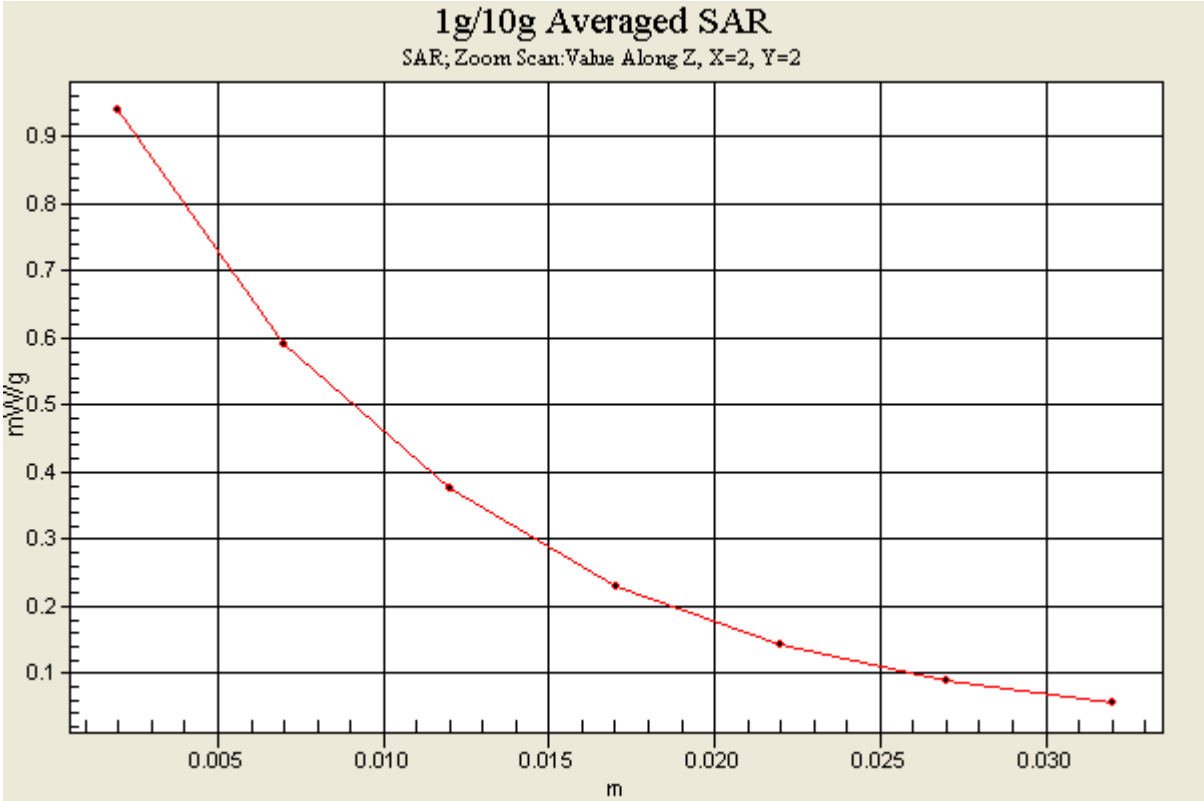
Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.929 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.925 mW/g




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

P274 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_1RB_Offset 49

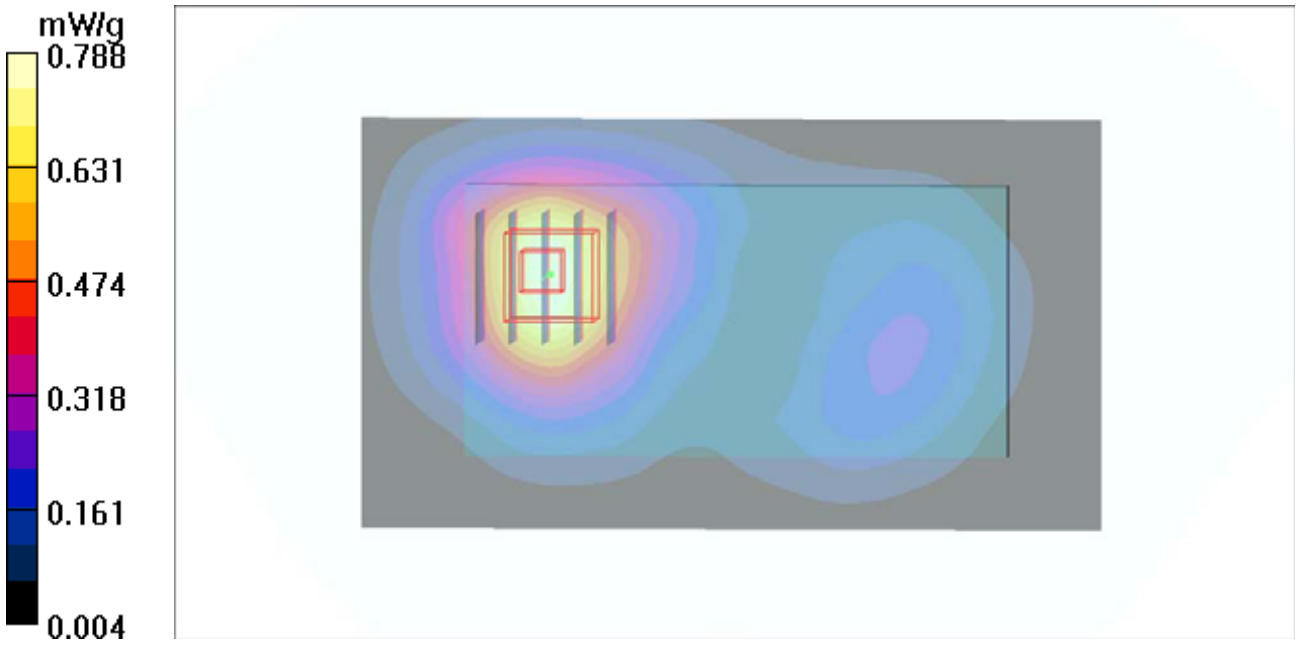
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.788 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.742 mW/g



P275 LTE 2_QPSK_10M_Left Side_1cm_Ch18650_1RB_Offset 49

DUT: 120710C03

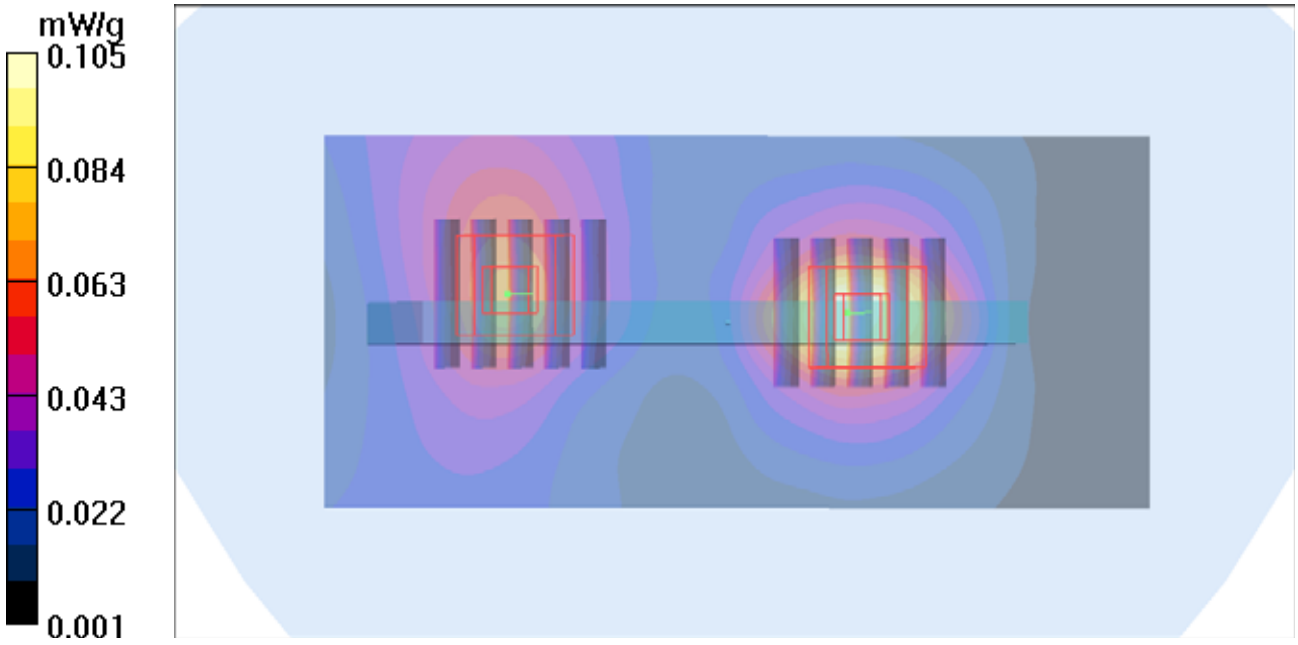
Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.105 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.28 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.099 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.28 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.078 mW/g



P276 LTE 2_QPSK_10M_Right Side_1cm_Ch18650_1RB_Offset 49

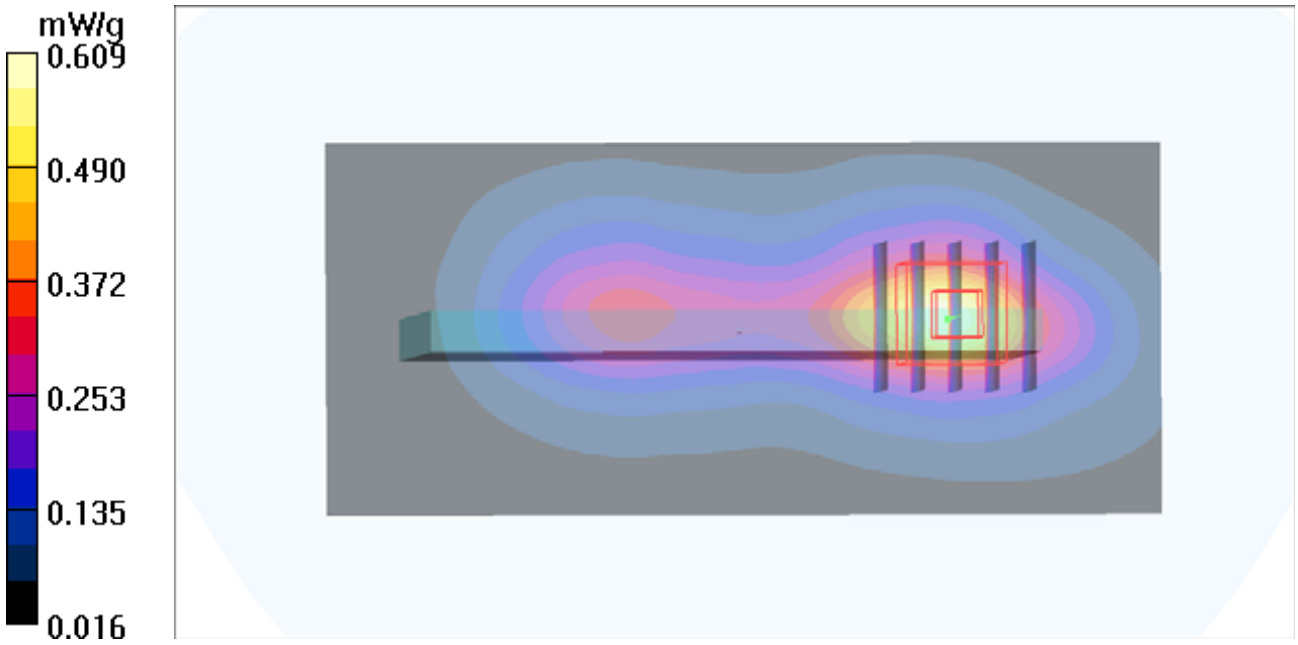
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.609 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.580 mW/g



P278 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18650_1RB_Offset 49

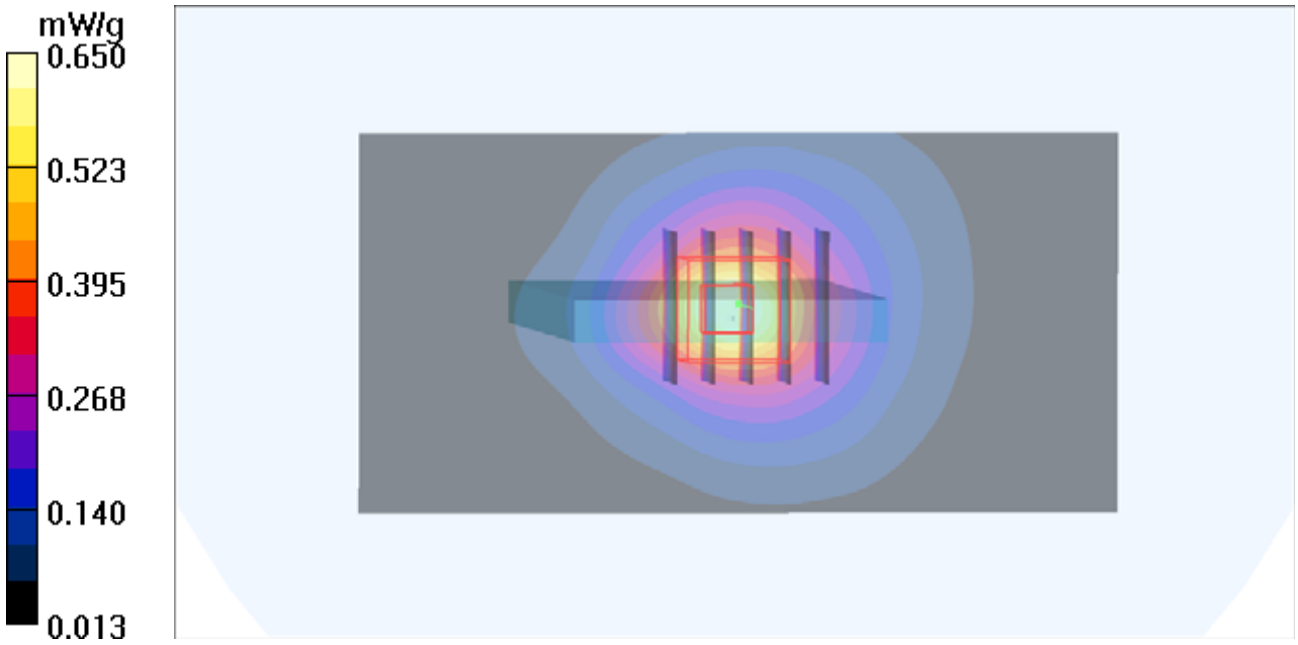
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.0 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.633 mW/g



P279 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_25RB_Offset 12

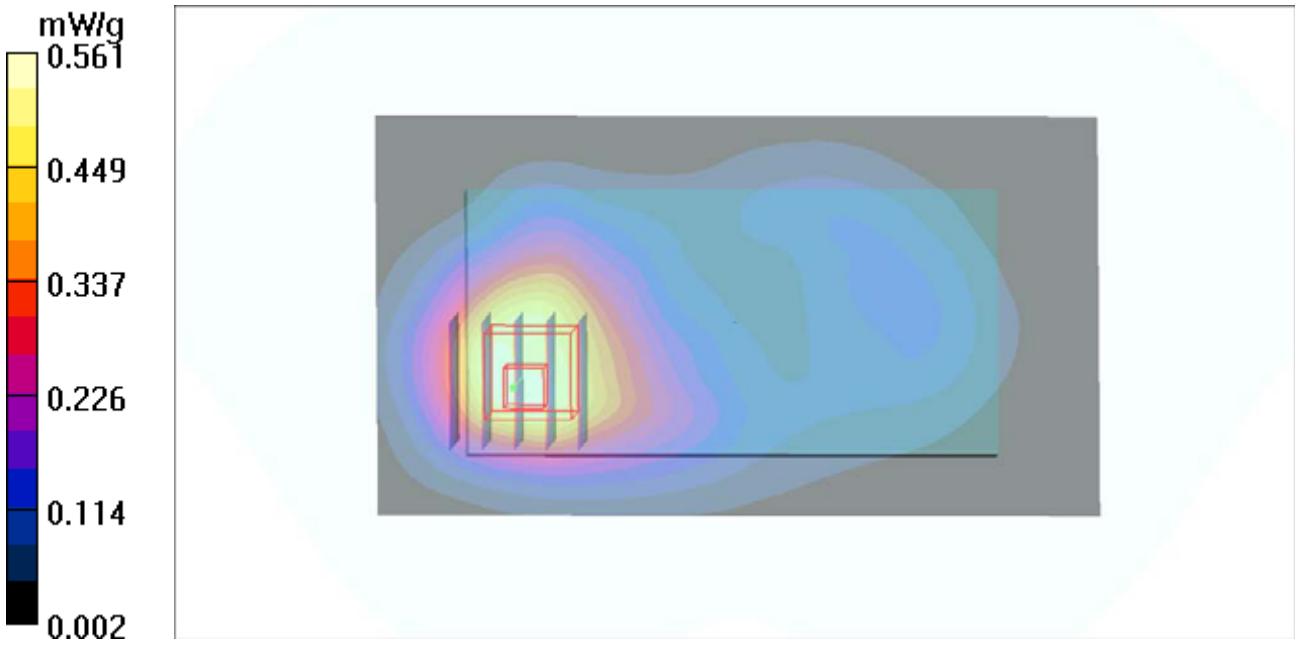
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.561 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.89 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.561 mW/g



P280 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_1RB_Offset 0

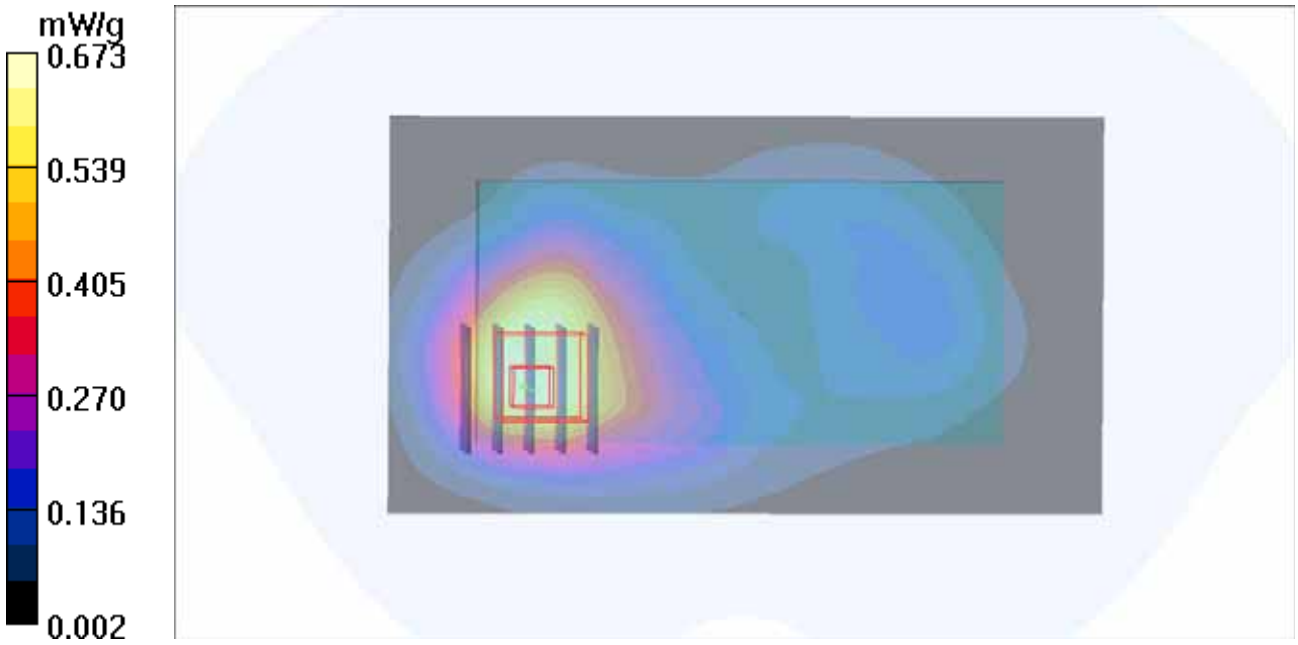
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.28 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.846 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.698 mW/g



P281 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_1RB_Offset 49

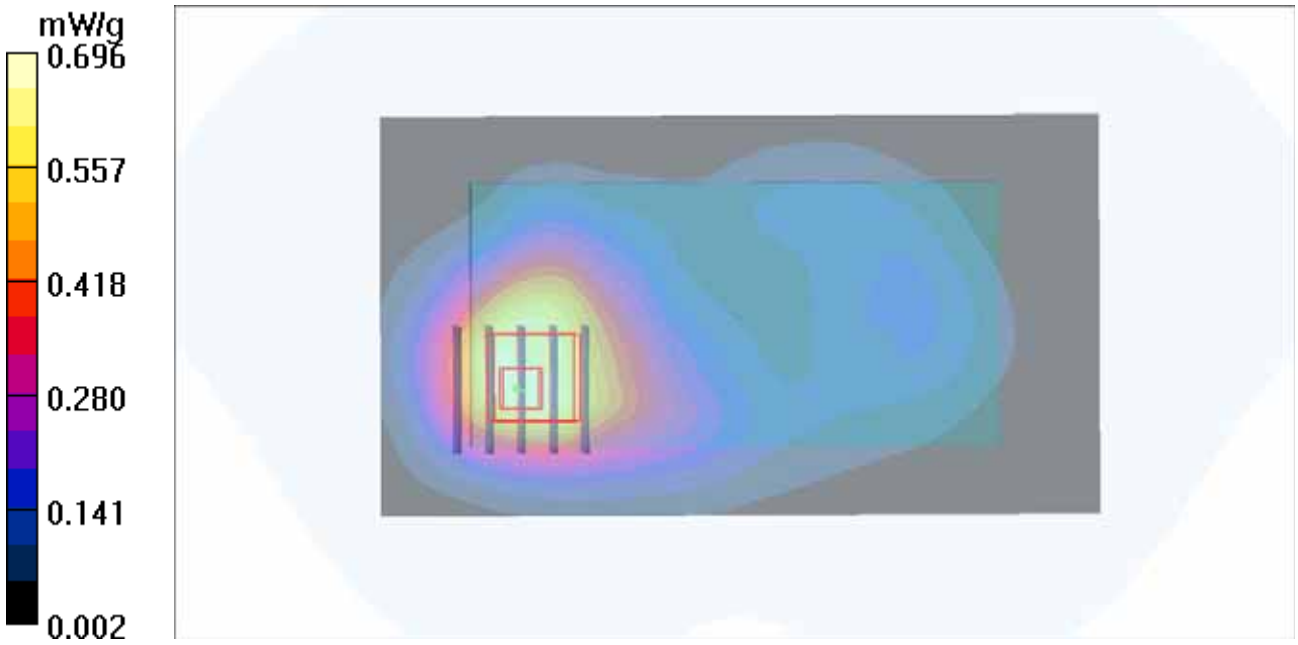
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.696 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.50 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.719 mW/g



P282 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_25RB_Offset 12_Earphone

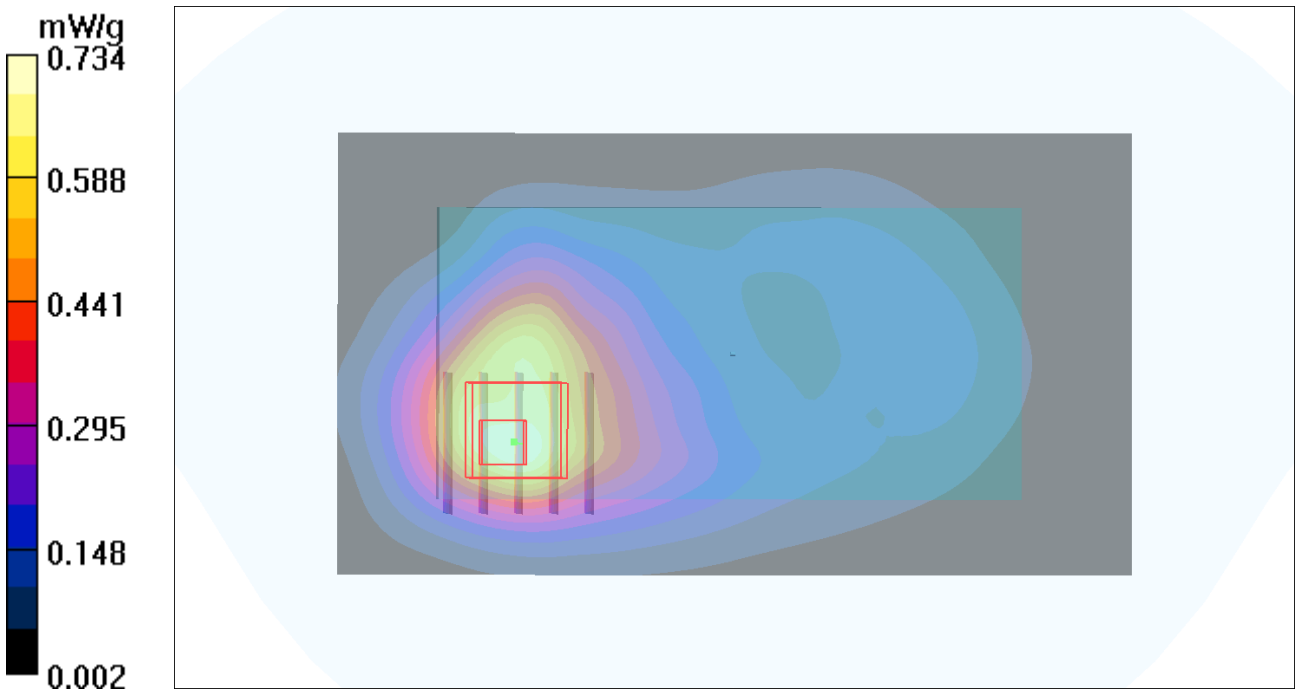
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.734 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.99 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.759 mW/g



P283 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_25RB_Offset 12_Earphone

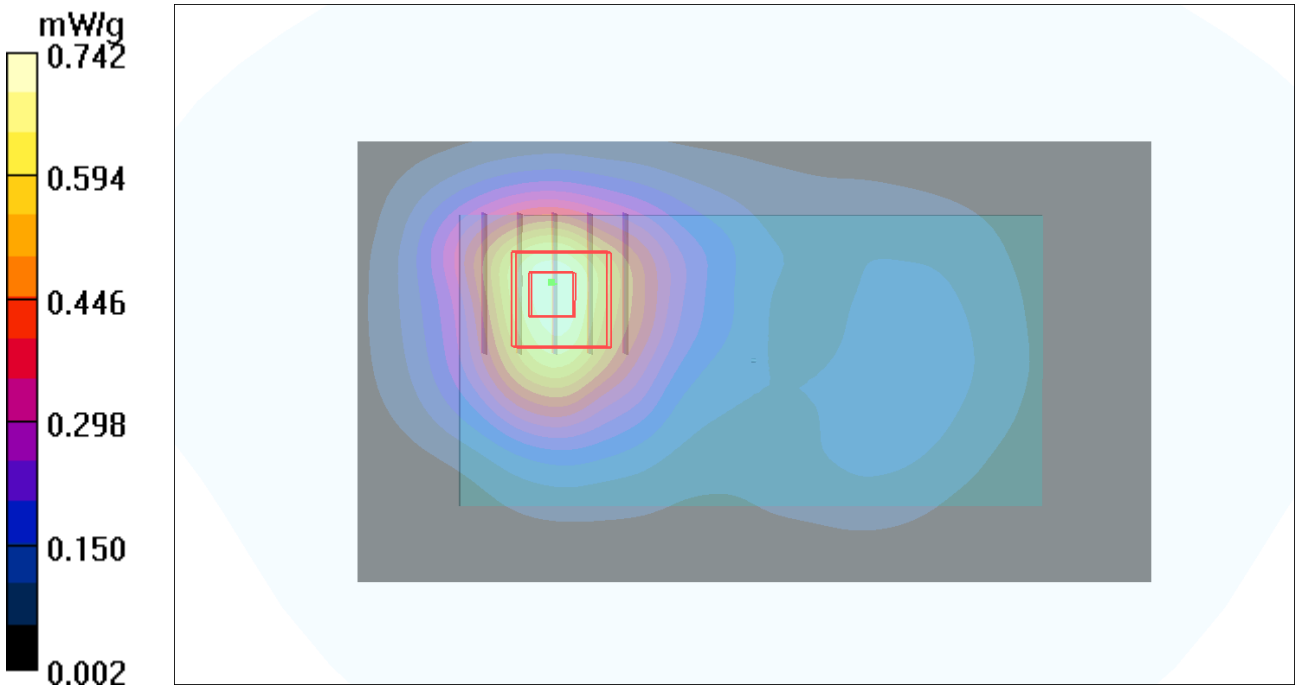
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.742 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.20 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.342 mW/g
Maximum value of SAR (measured) = 0.716 mW/g



P284 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_1RB_Offset 0_Earphone

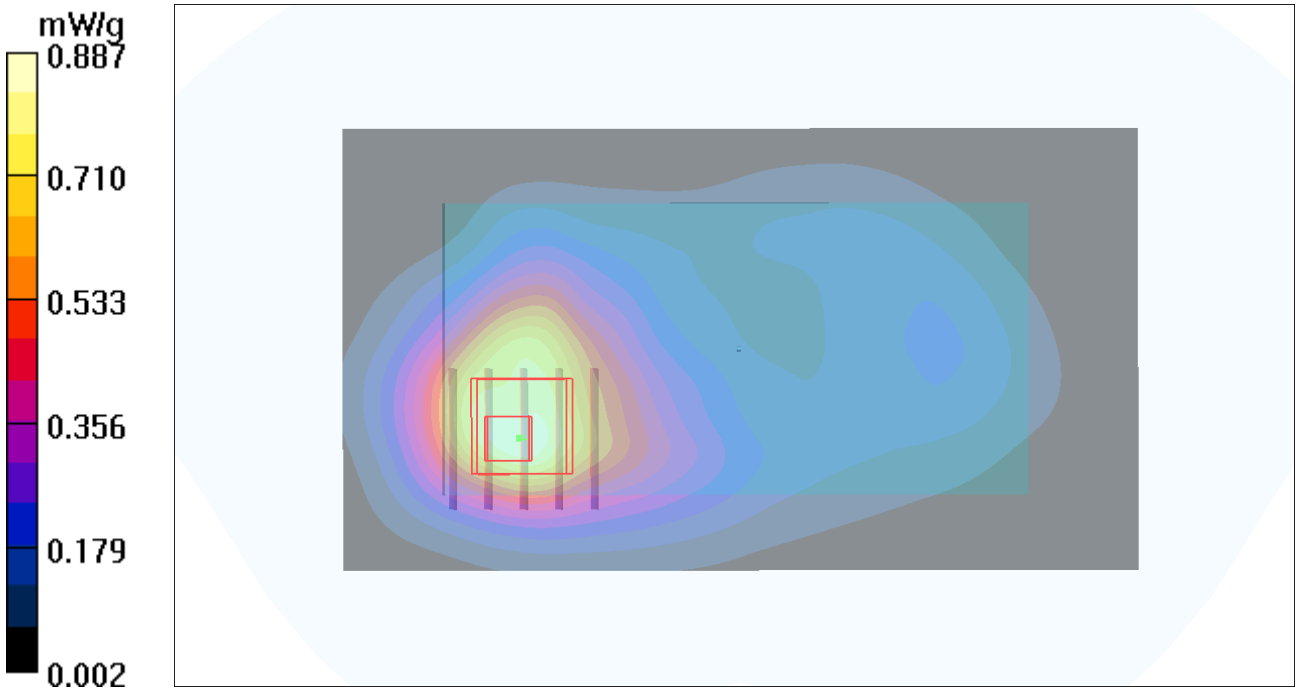
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.23 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.898 mW/g



P285 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_1RB_Offset 0_Earphone

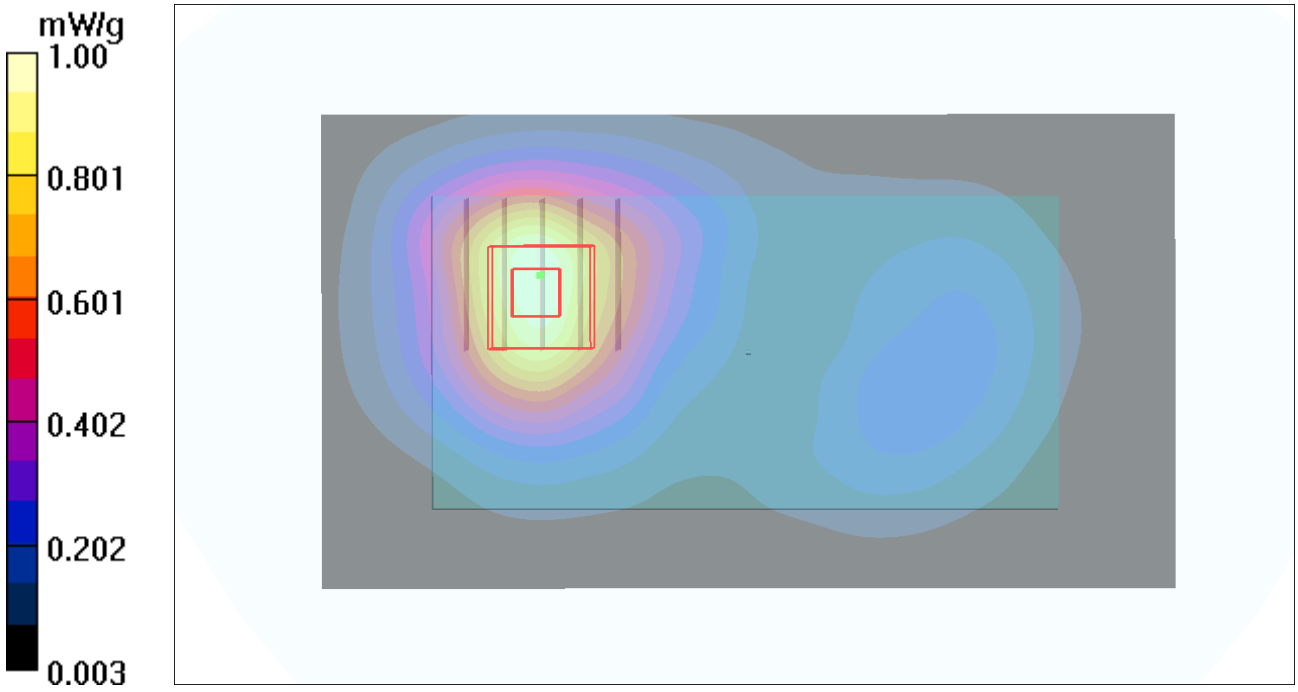
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.000 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.17 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.778 mW/g



P286 LTE 2_QPSK_10M_Front Face_1cm_Ch18650_1RB_Offset 49_Earphone

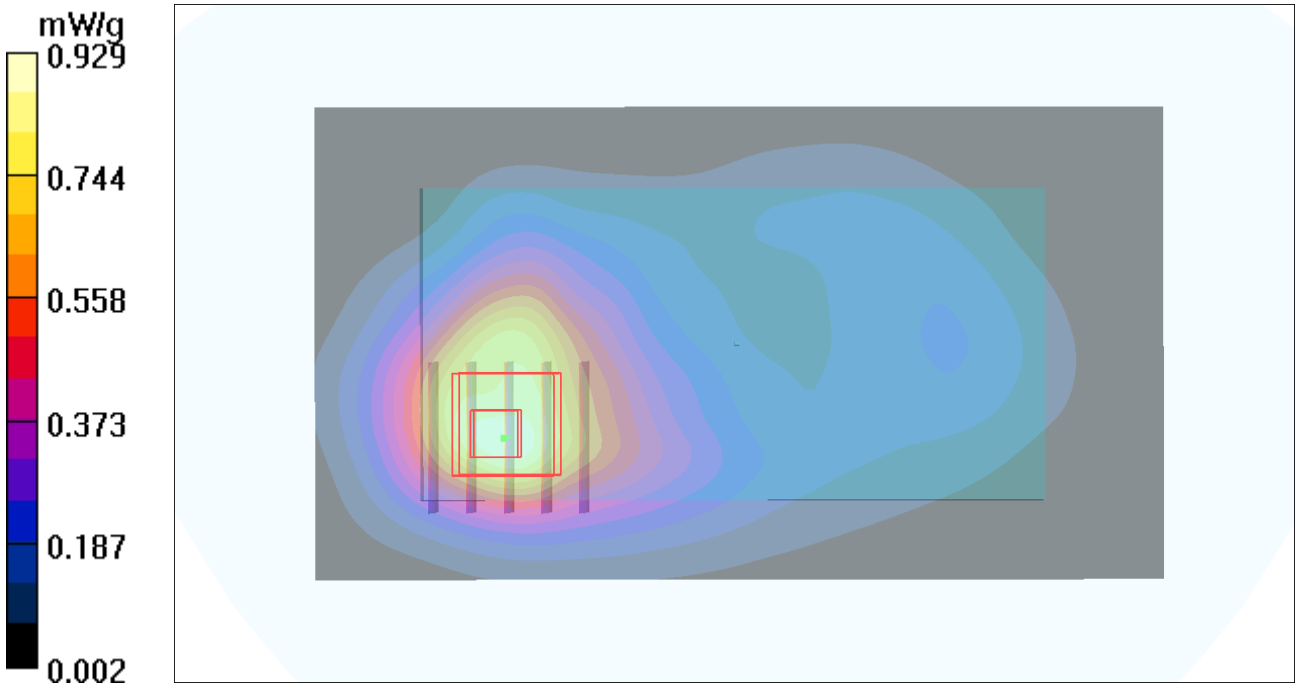
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.929 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.939 mW/g



P287 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_1RB_Offset 49_Earphone

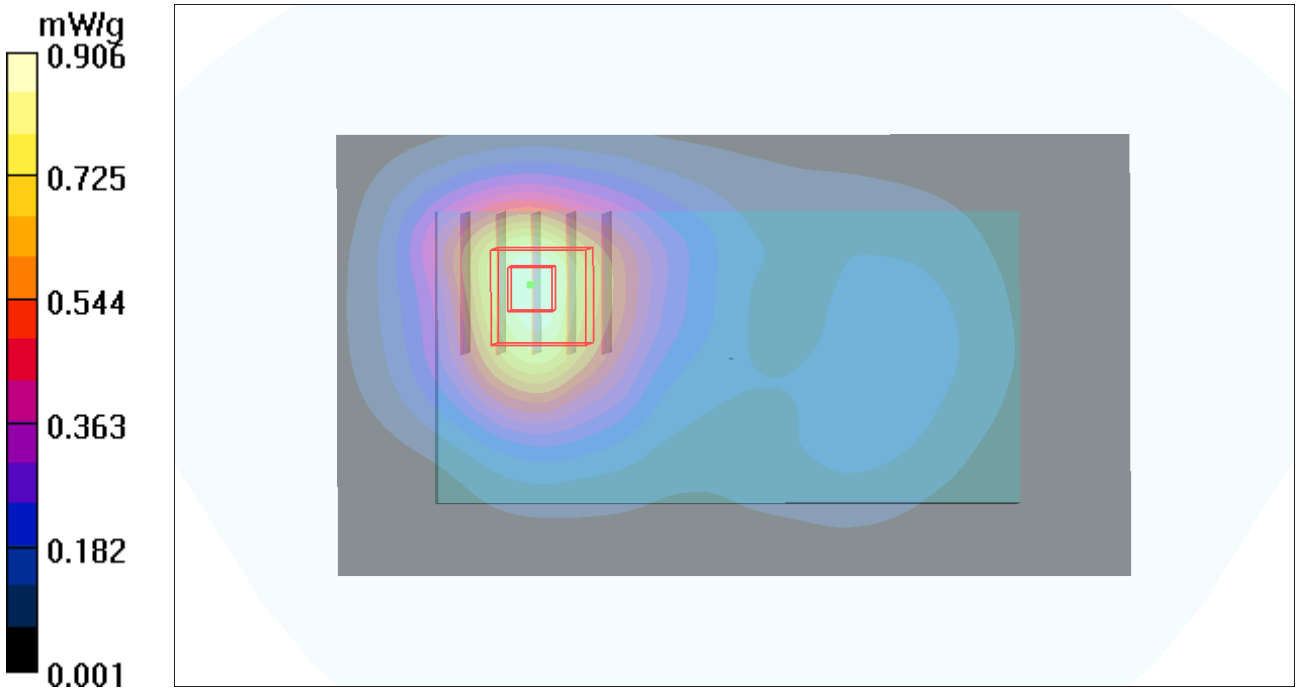
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.906 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.03 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.892 mW/g



P288 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_25RB_Offset 12_Earphone

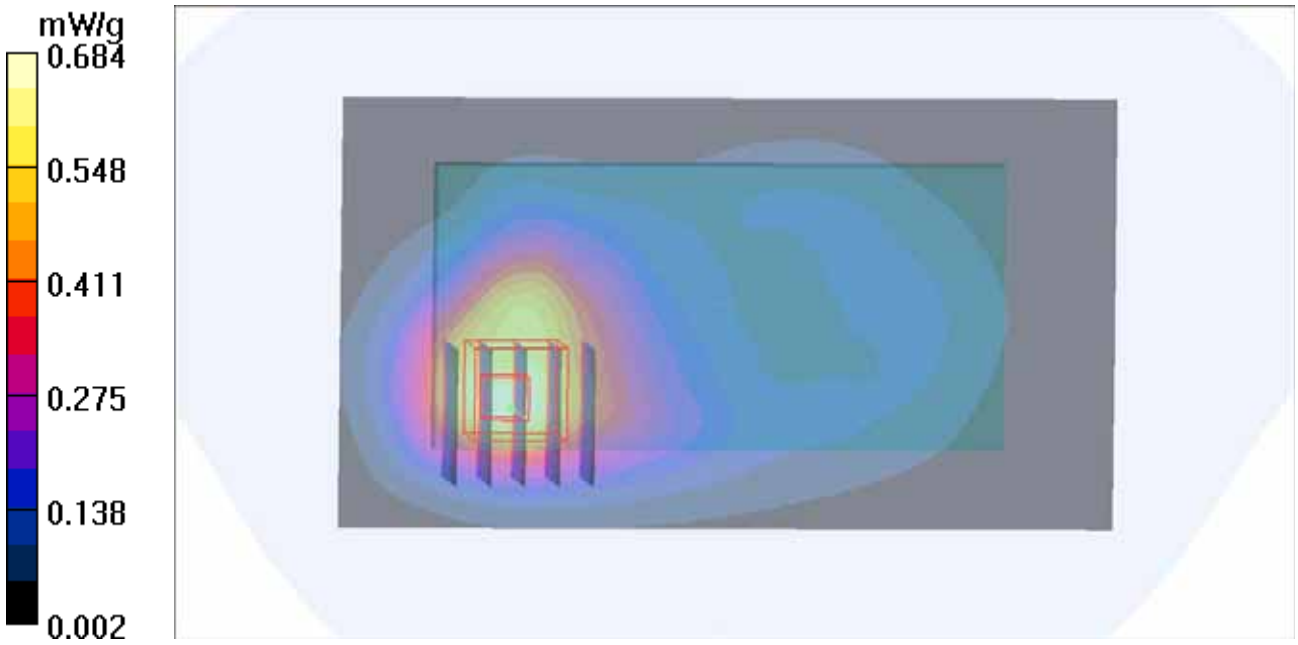
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.05 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.654 mW/g



P289 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_1RB_Offset 0_Earphone

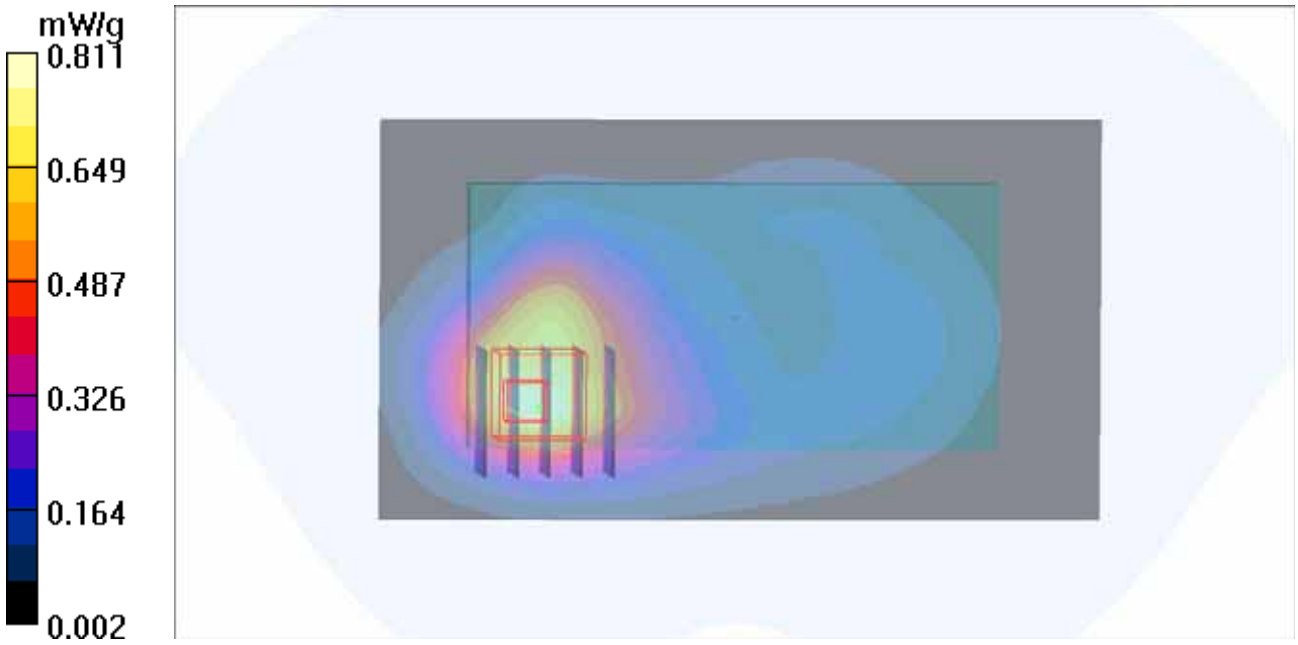
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.811 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.91 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



P290 LTE 2_16QAM_10M_Front Face_1cm_Ch18650_1RB_Offset 49_Earphone

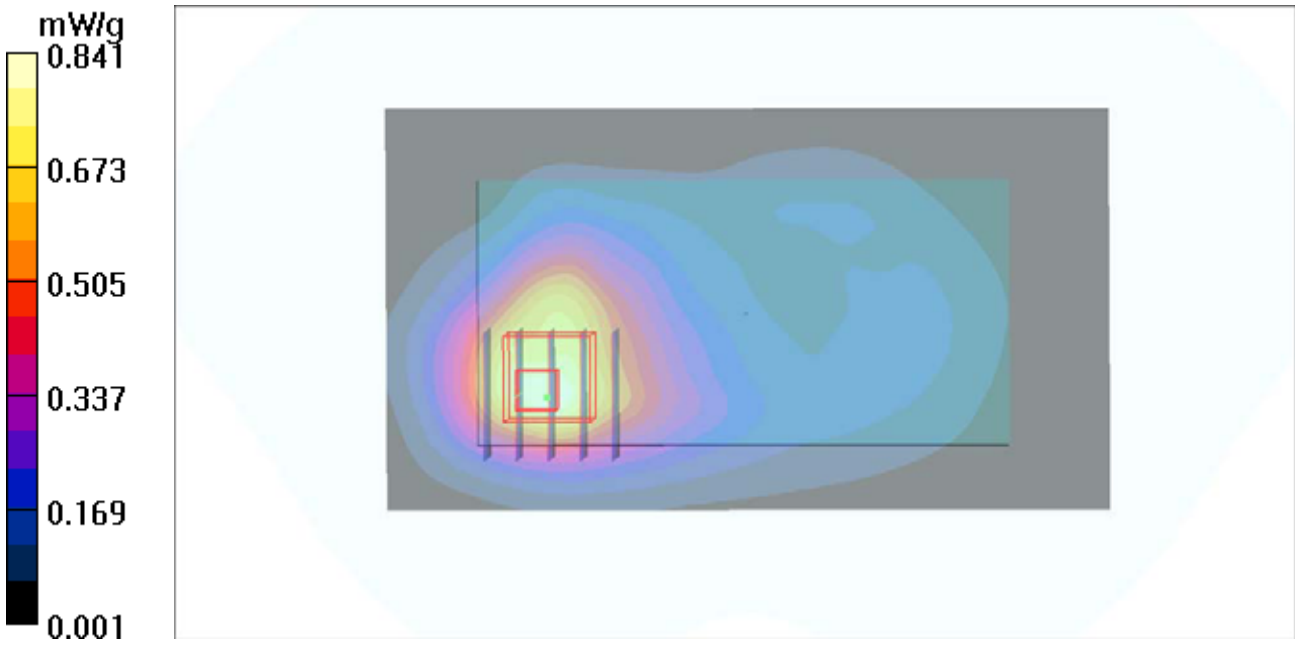
DUT: 120710C03

Communication System: LTE band 2; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0723 Medium parameters used: f = 1855 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18650/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.841 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.04 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 0.839 mW/g



P151 802.11b_Front Face _1cm_Ch11

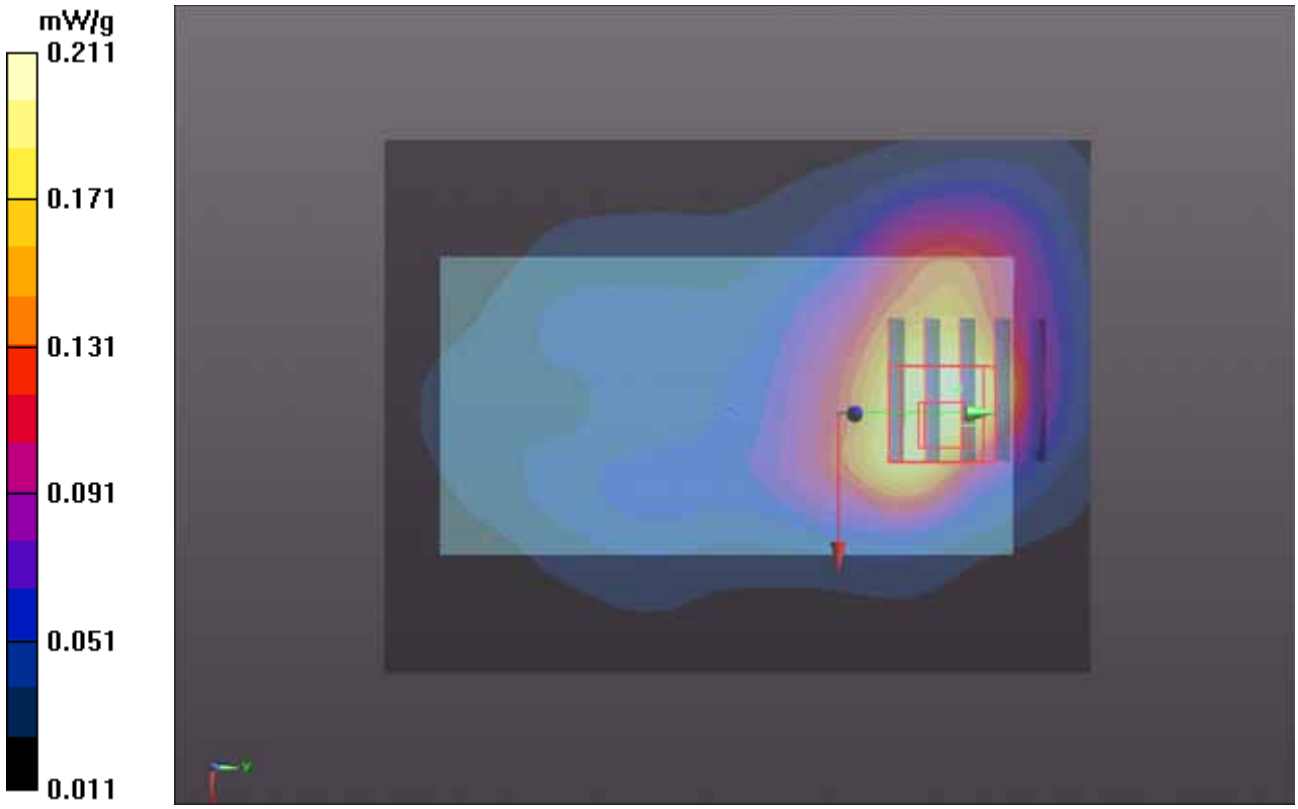
DUT: 120710C03

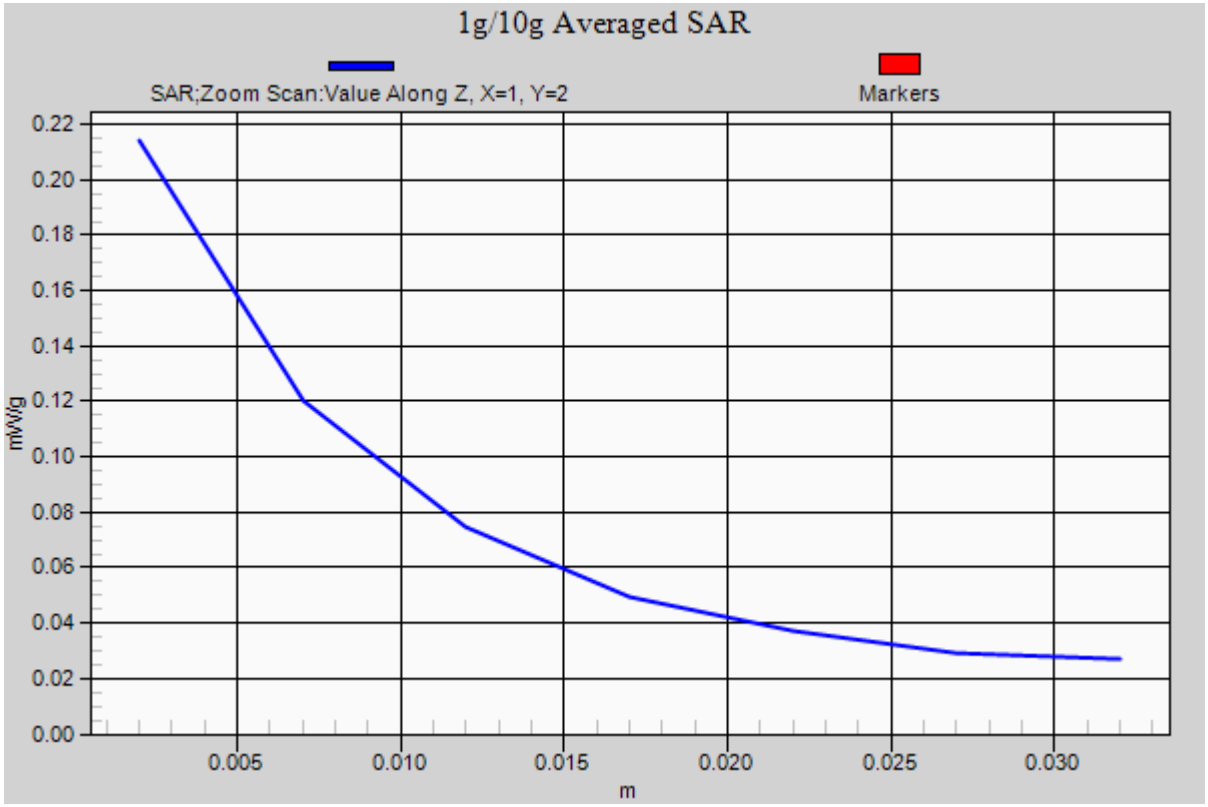
Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.211 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.043 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.291 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.214 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=2
Markers
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P152 802.11b_Rear Face_1cm_Ch11

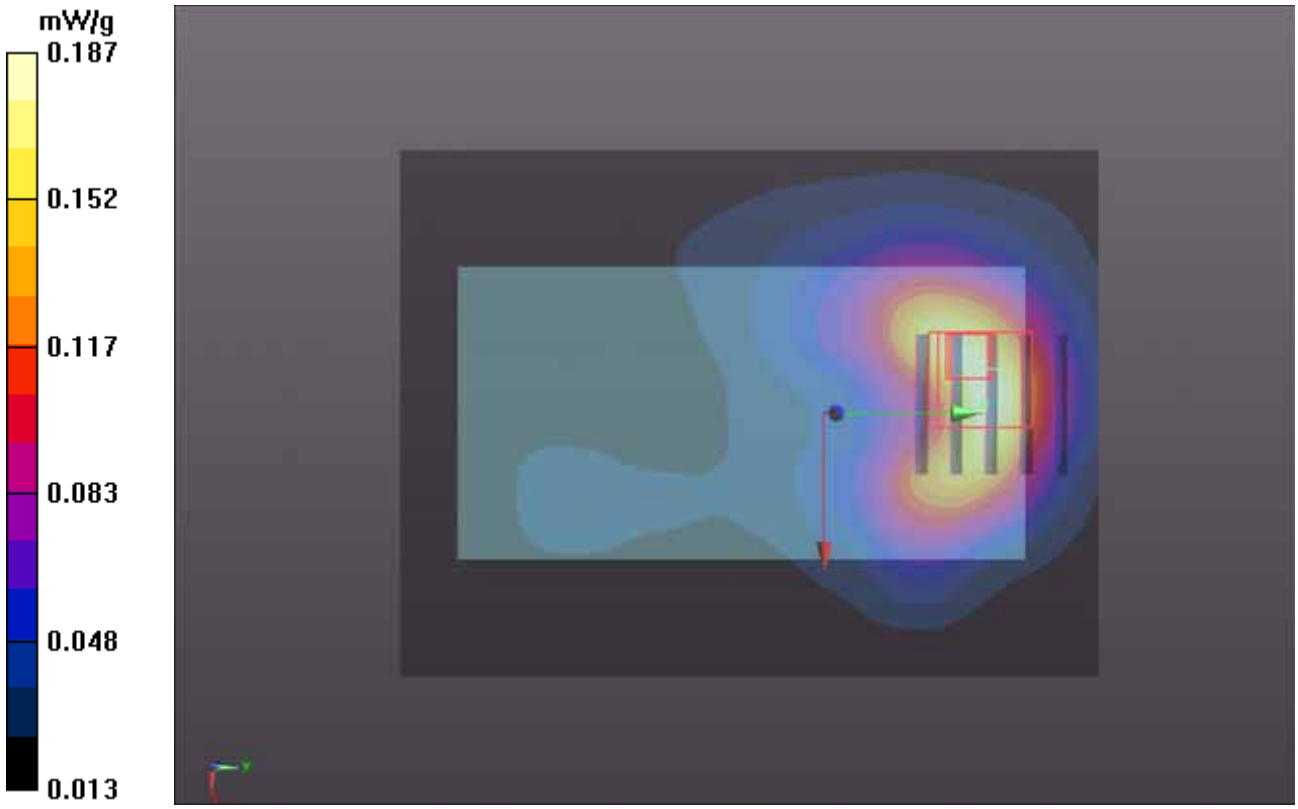
DUT: 120710C03

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.187 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.635 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.254 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.187 mW/g



P153 802.11b_Left Side_1cm_Ch11

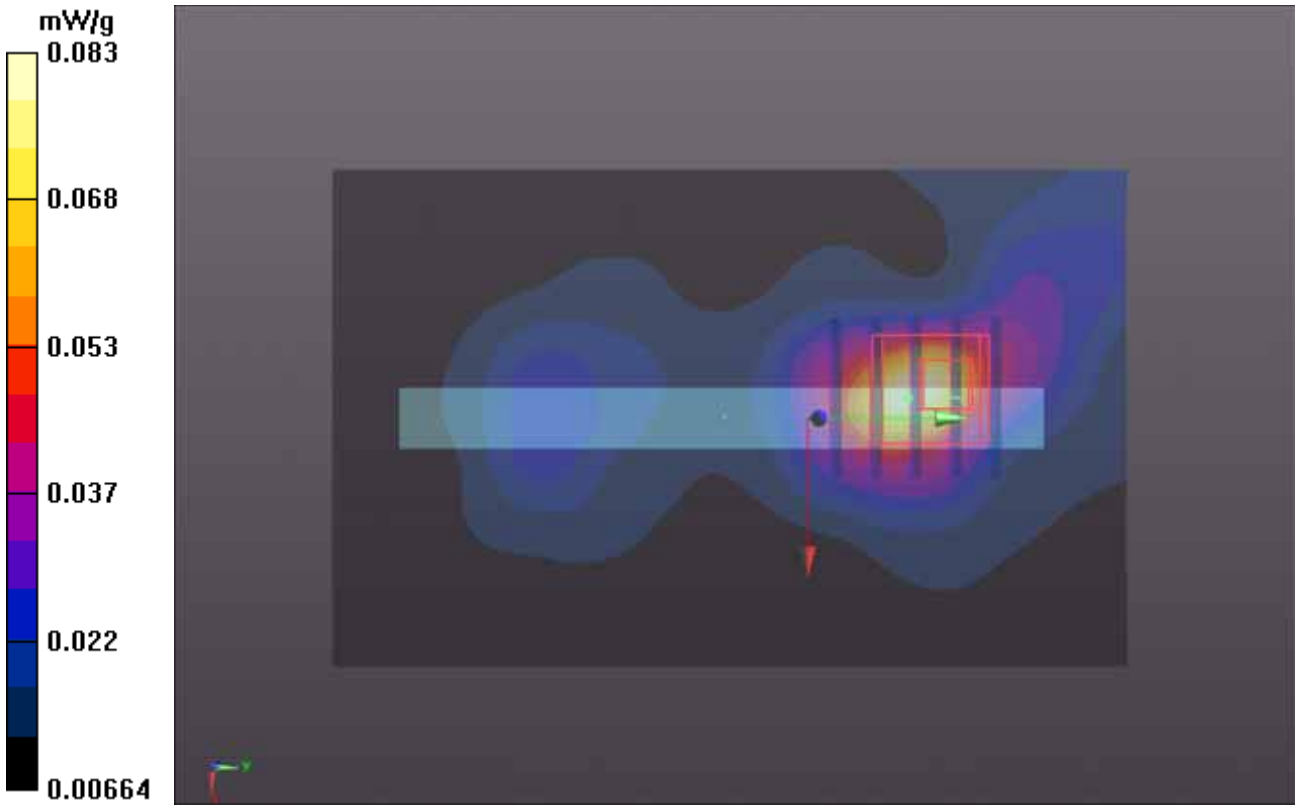
DUT: 120710C03

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0834 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.917 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.127 mW/g
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0845 mW/g



P155 802.11b_Top Side_1cm_Ch11

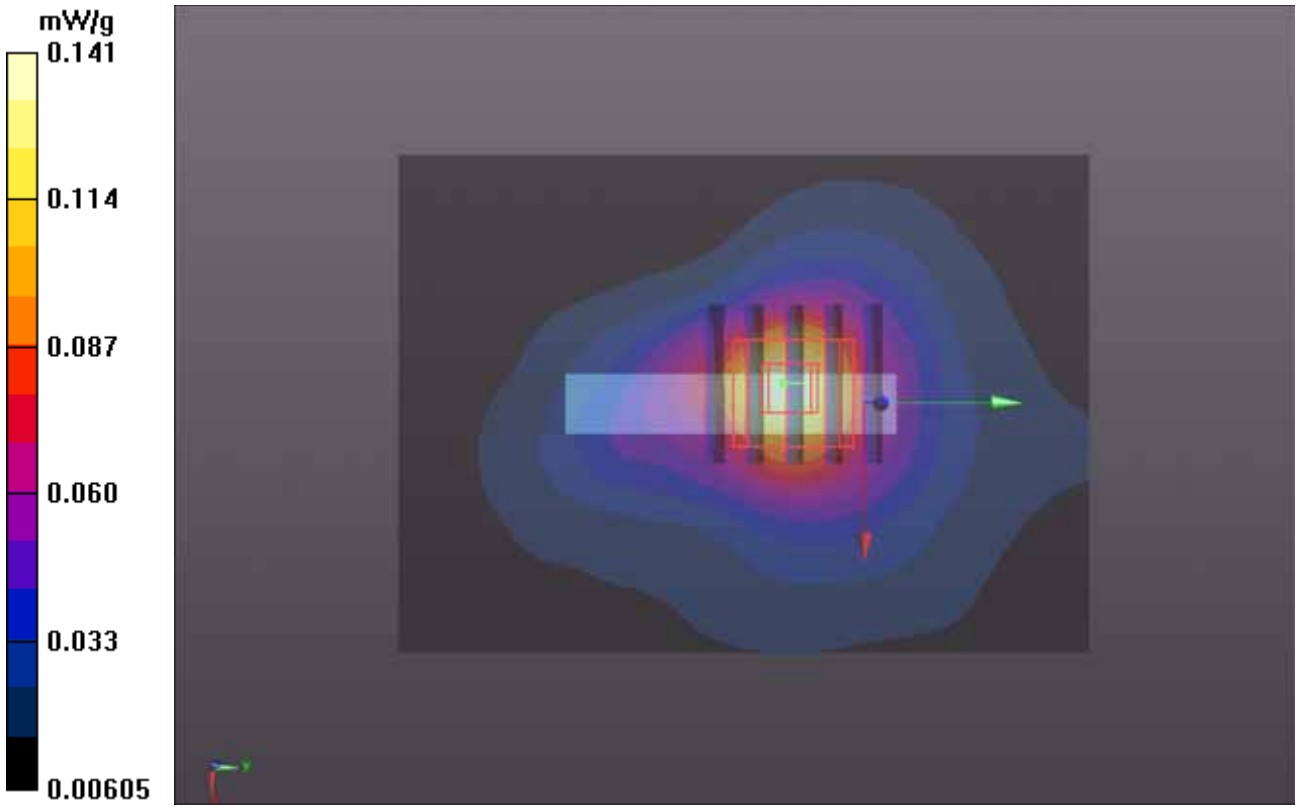
DUT: 120710C03

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.665 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.183 mW/g
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



P156 802.11b_Front Face_1cm_Ch11_Earphone

DUT: 120710C03

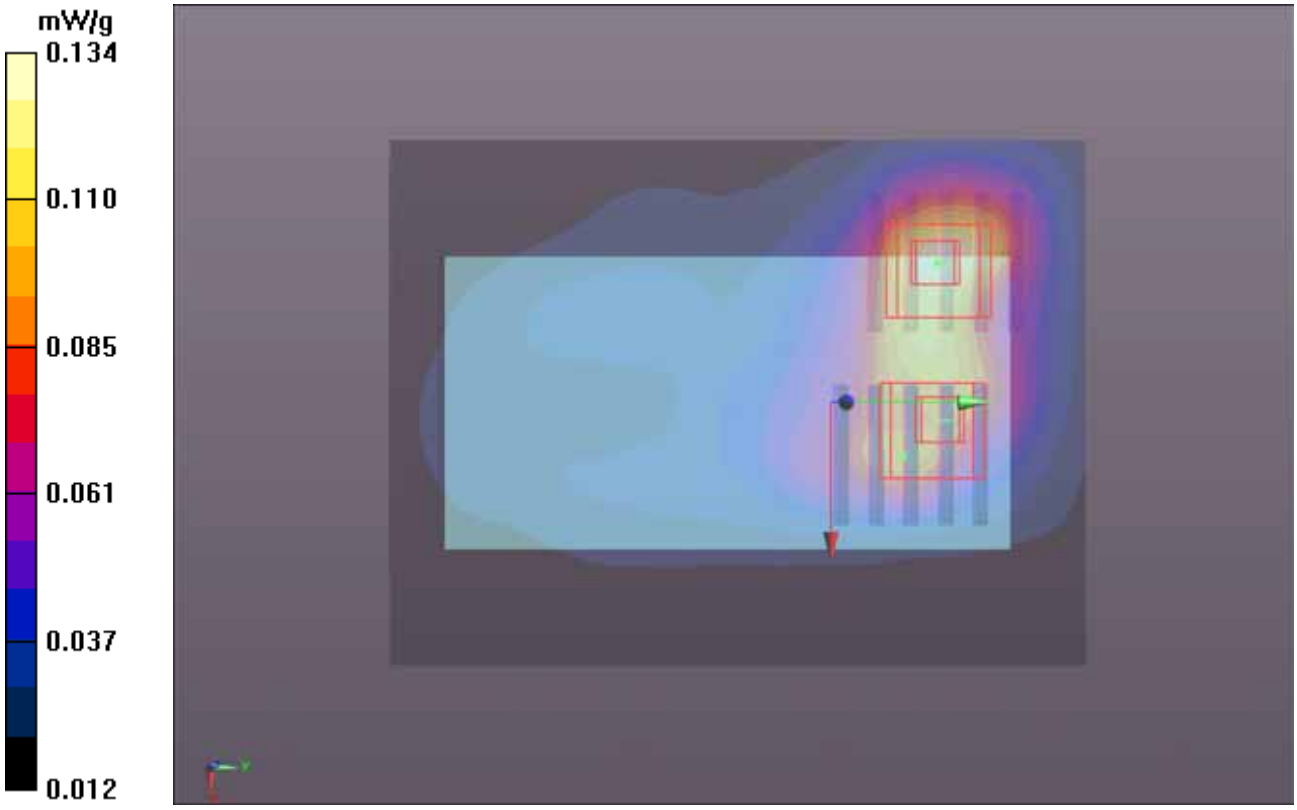
Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.426 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.212 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.152 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.426 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.139 mW/g
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.108 mW/g



P157 802.11b_Rear Face_1cm_Ch11_Earphone

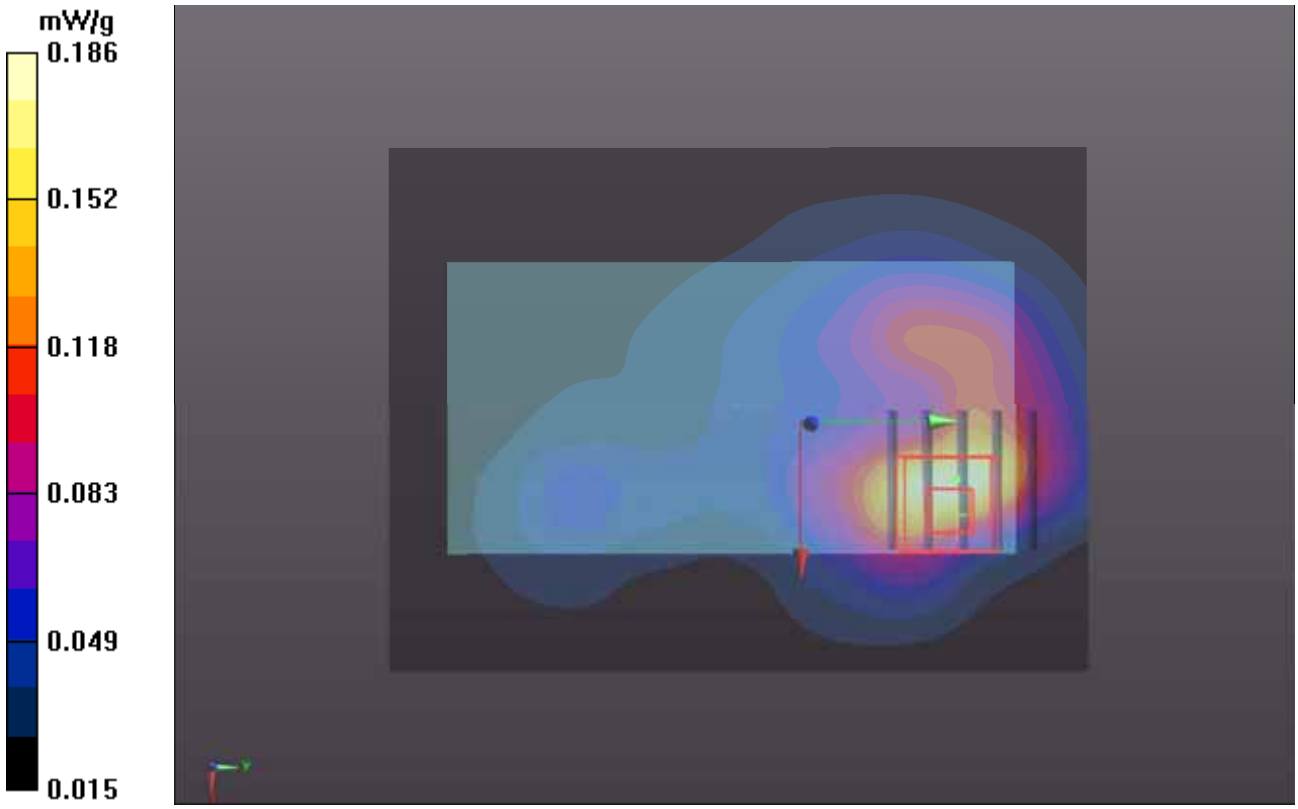
DUT: 120710C03

Communication System: WLAN_2.4G; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0724 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

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 (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.409 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.324 mW/g
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



P158 802.11n_HT20_Front Face _1cm_Ch48

DUT: 120710C03

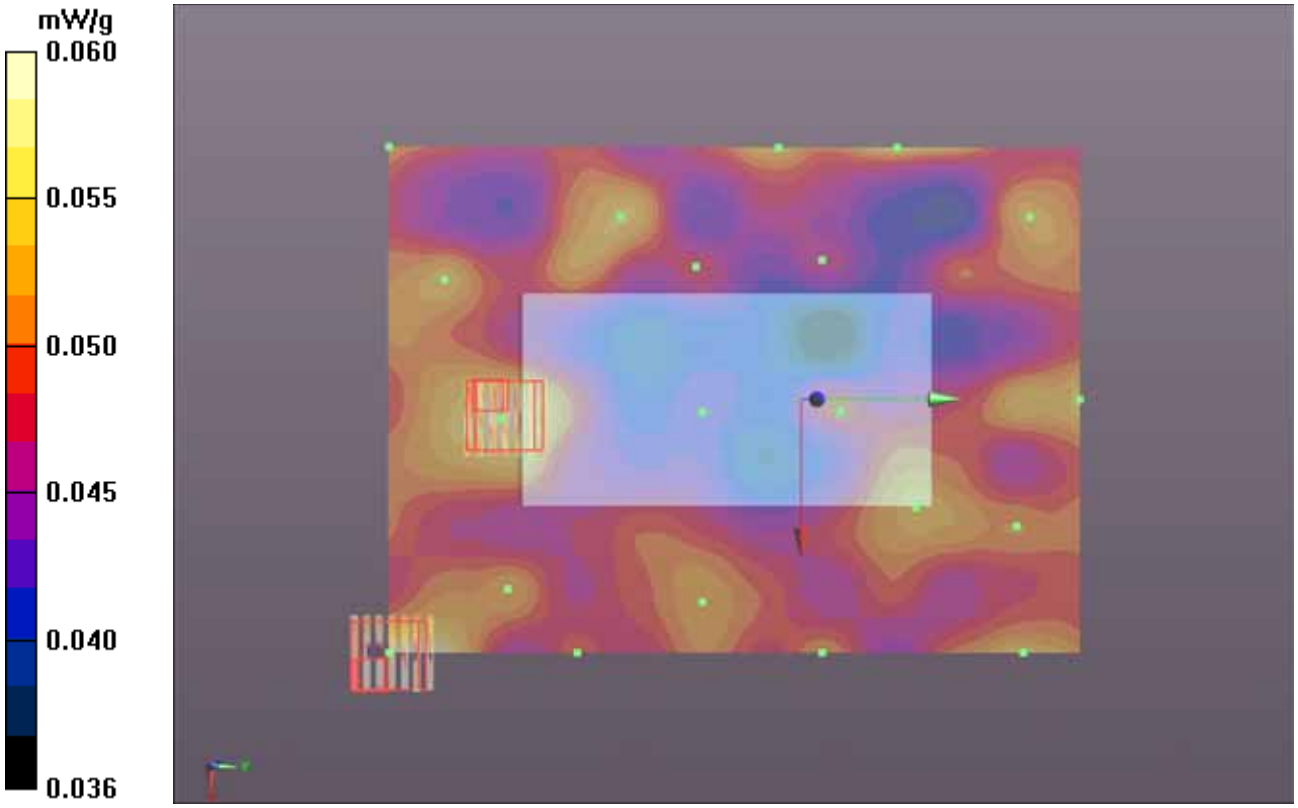
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (161x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0595 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.073 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.142 mW/g
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.0794 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.073 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.068 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.0678 mW/g



P159 802.11n_HT20_Rear Face _1cm_Ch48

DUT: 120710C03

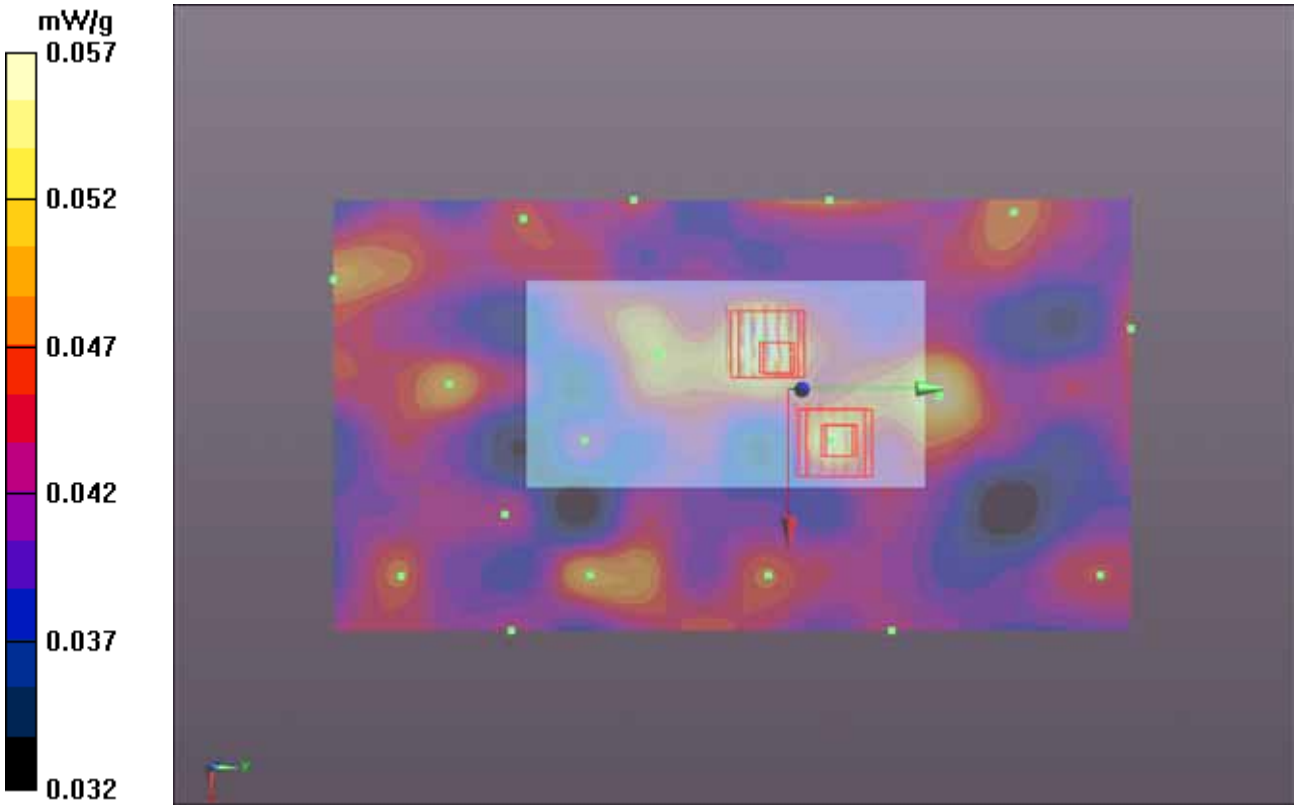
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0570 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.157 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 0.082 mW/g
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.0653 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.157 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 0.078 mW/g
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.0618 mW/g



P160 802.11n_HT20_Left Side_1cm_Ch48

DUT: 120710C03

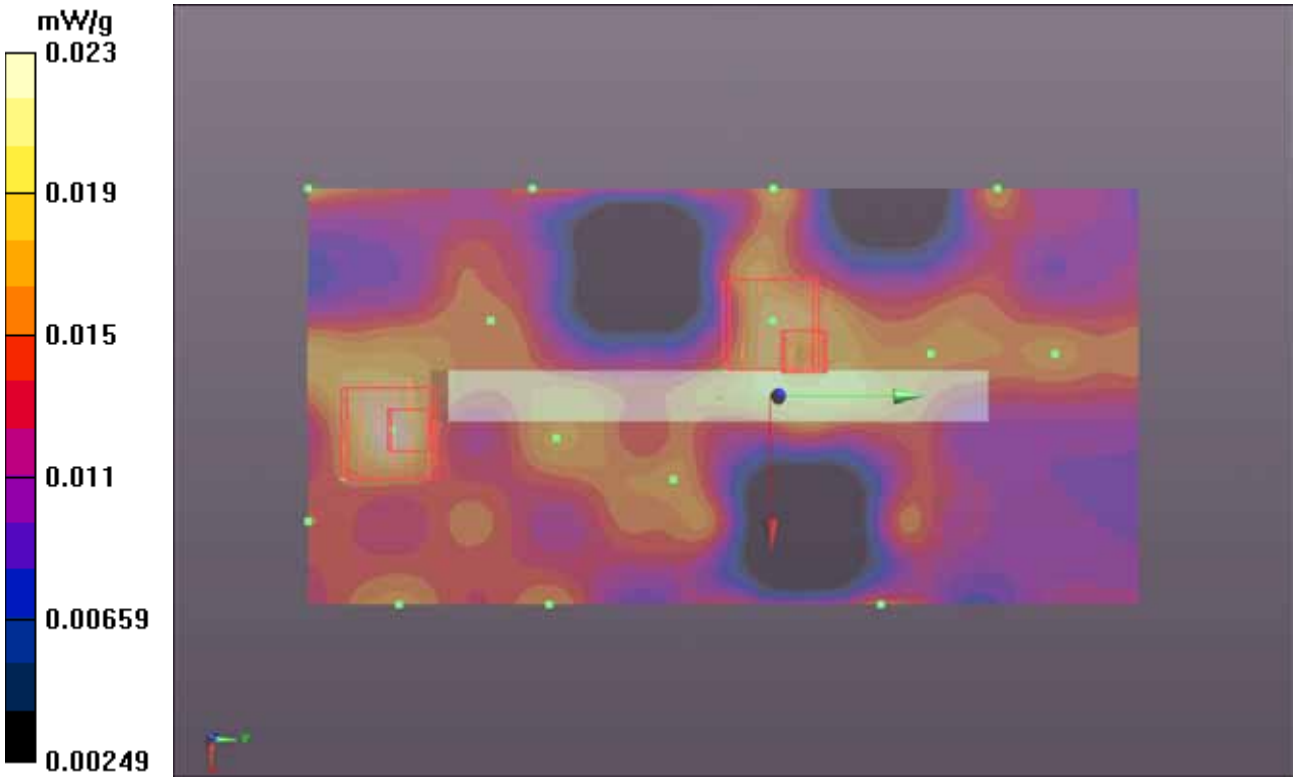
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0223 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.386 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.0243 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.386 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.059 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00991 mW/g
Maximum value of SAR (measured) = 0.0230 mW/g



P162 802.11n_HT20_Top Side_1cm_Ch48

DUT: 120710C03

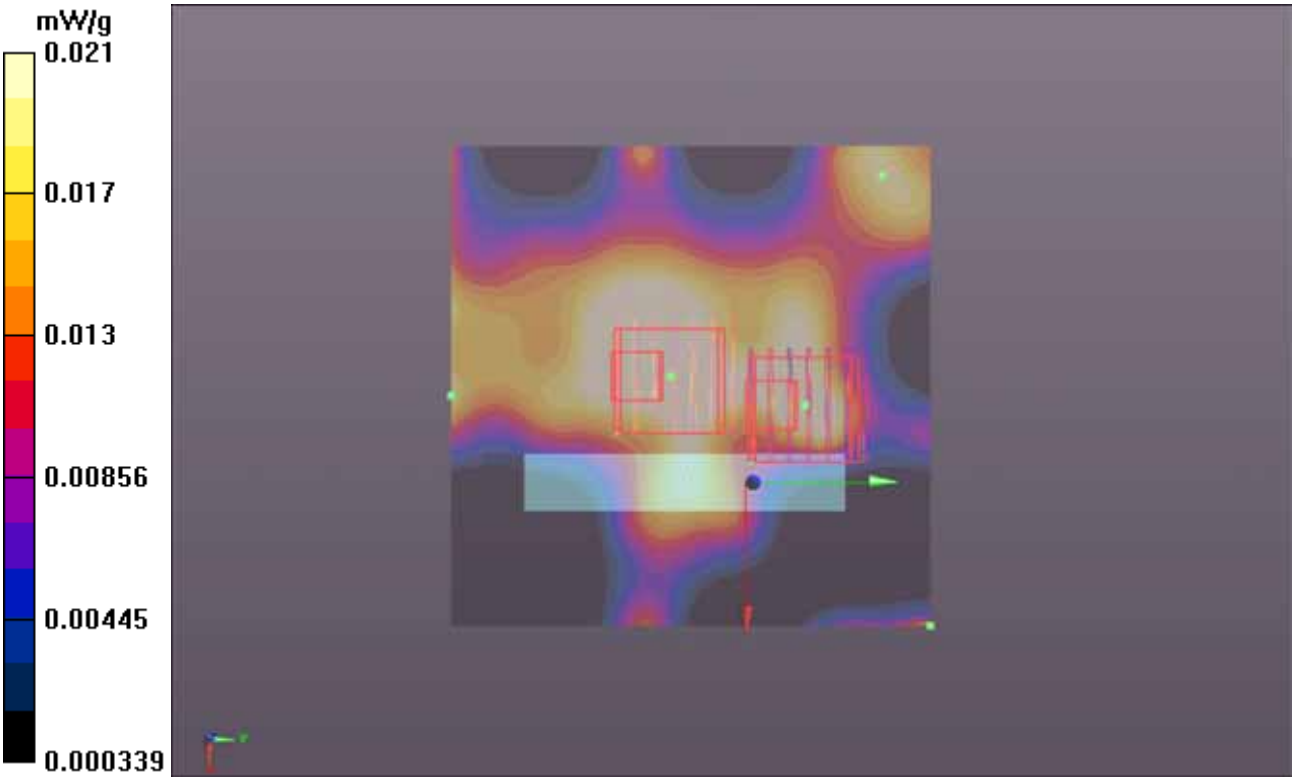
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0268 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.113 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00698 mW/g
Maximum value of SAR (measured) = 0.0227 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.113 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.085 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00635 mW/g
Maximum value of SAR (measured) = 0.0209 mW/g



P163 802.11n_HT20_Front Face _1cm_Ch48_Earphone

DUT: 120710C03

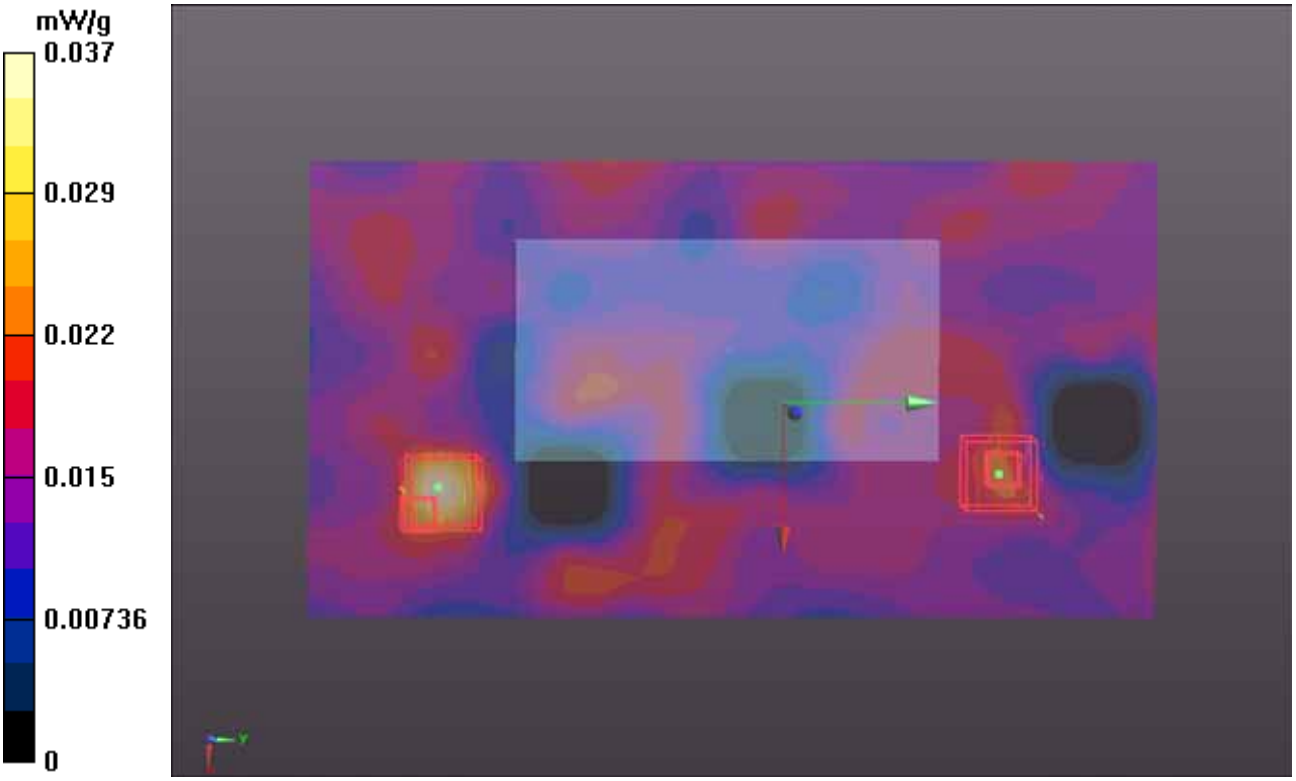
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0368 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.465 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.038 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00927 mW/g
Maximum value of SAR (measured) = 0.0227 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.465 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.051 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00805 mW/g
Maximum value of SAR (measured) = 0.0211 mW/g



P164 802.11n_HT20_Rear Face _1cm_Ch48_Earphone

DUT: 120710C03

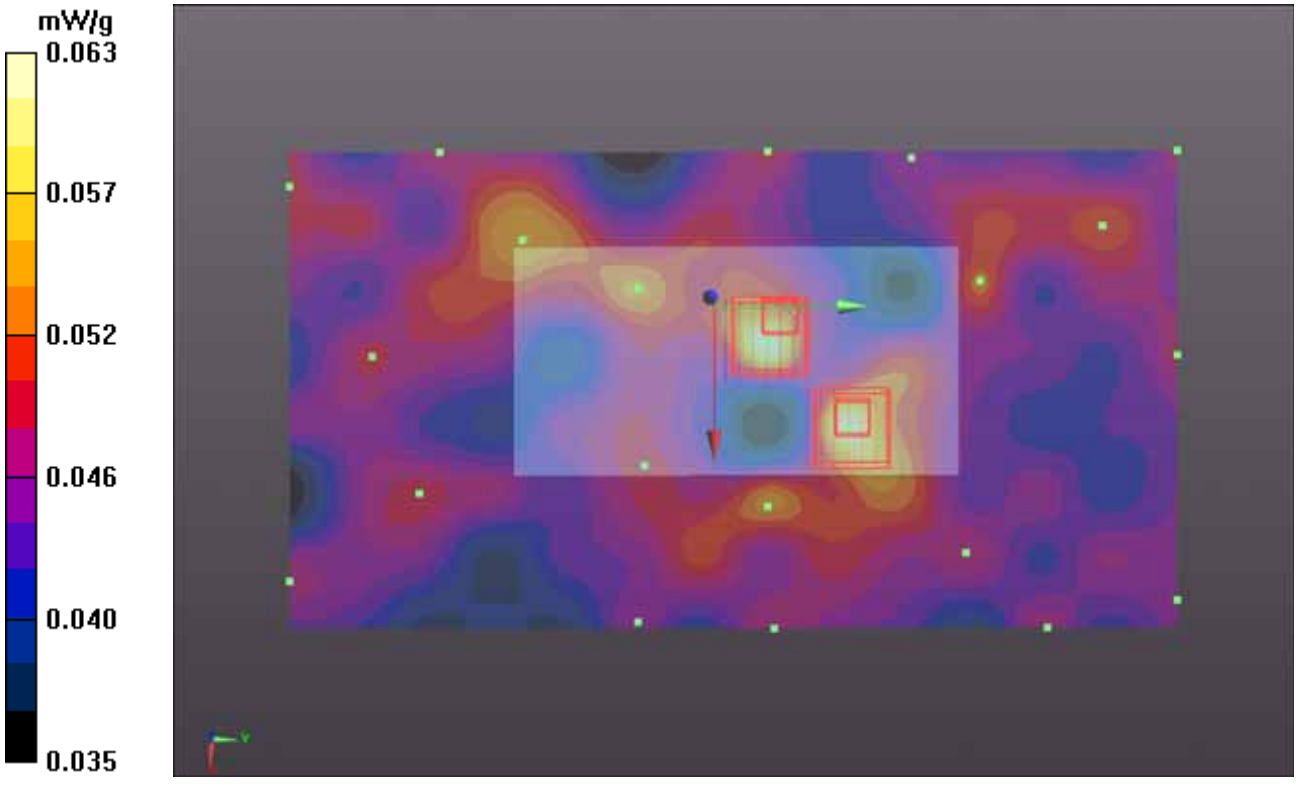
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5240 MHz; σ = 5.347 mho/m; ε_r = 49.089; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); 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)

Ch48/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0630 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.496 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.118 mW/g
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.0907 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.496 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.117 mW/g
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.0806 mW/g



P165 802.11n_HT20_Front Face _1cm_Ch64_Earphone

DUT: 120710C03

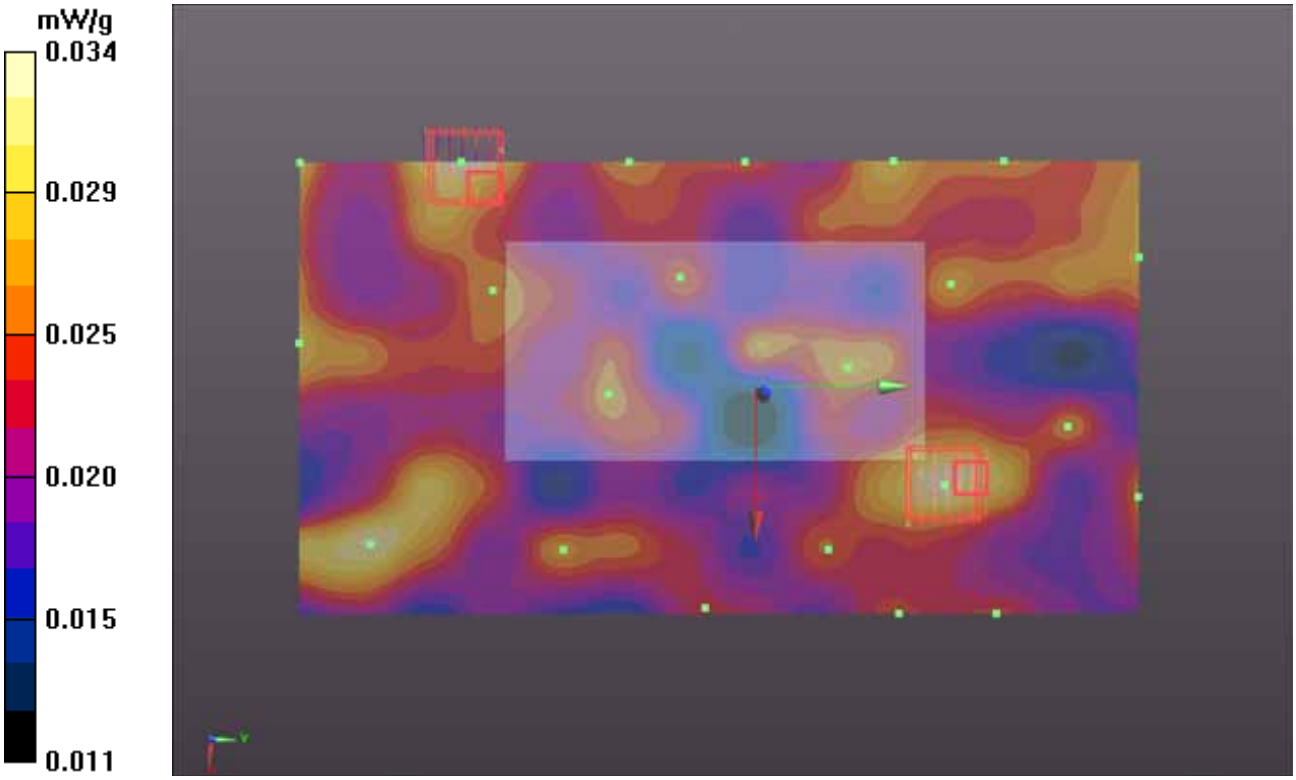
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5320 MHz; σ = 5.428 mho/m; ε_r = 48.886; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); 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)

Ch64/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0338 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.725 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.0412 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.725 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.111 mW/g
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.0398 mW/g



P166 802.11n_HT20_Rear Face _1cm_Ch64_Earphone

DUT: 120710C03

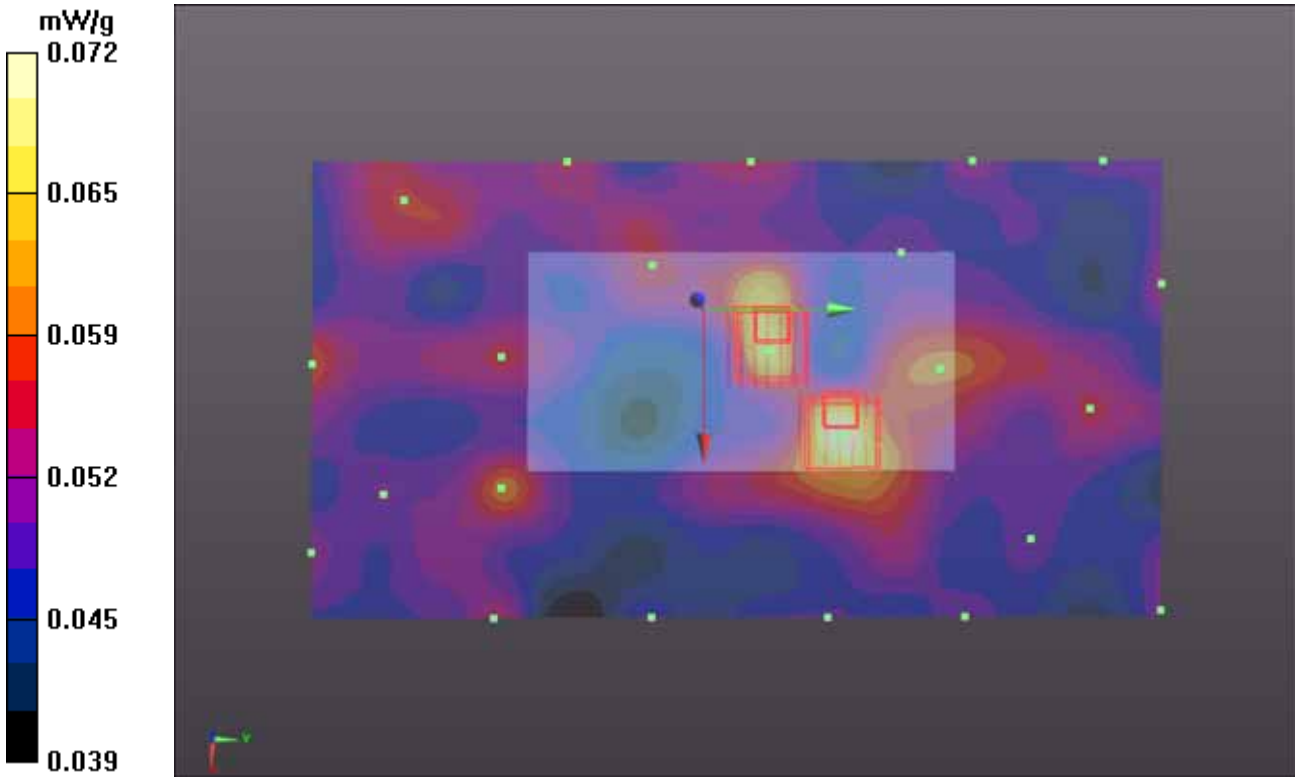
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5320 MHz; σ = 5.428 mho/m; ε_r = 48.886; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); 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)

Ch64/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0717 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.654 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.118 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.0766 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.654 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.202 mW/g
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.0808 mW/g



P167 802.11n_HT20_Front Face _1cm_Ch116_Earphone

DUT: 120710C03

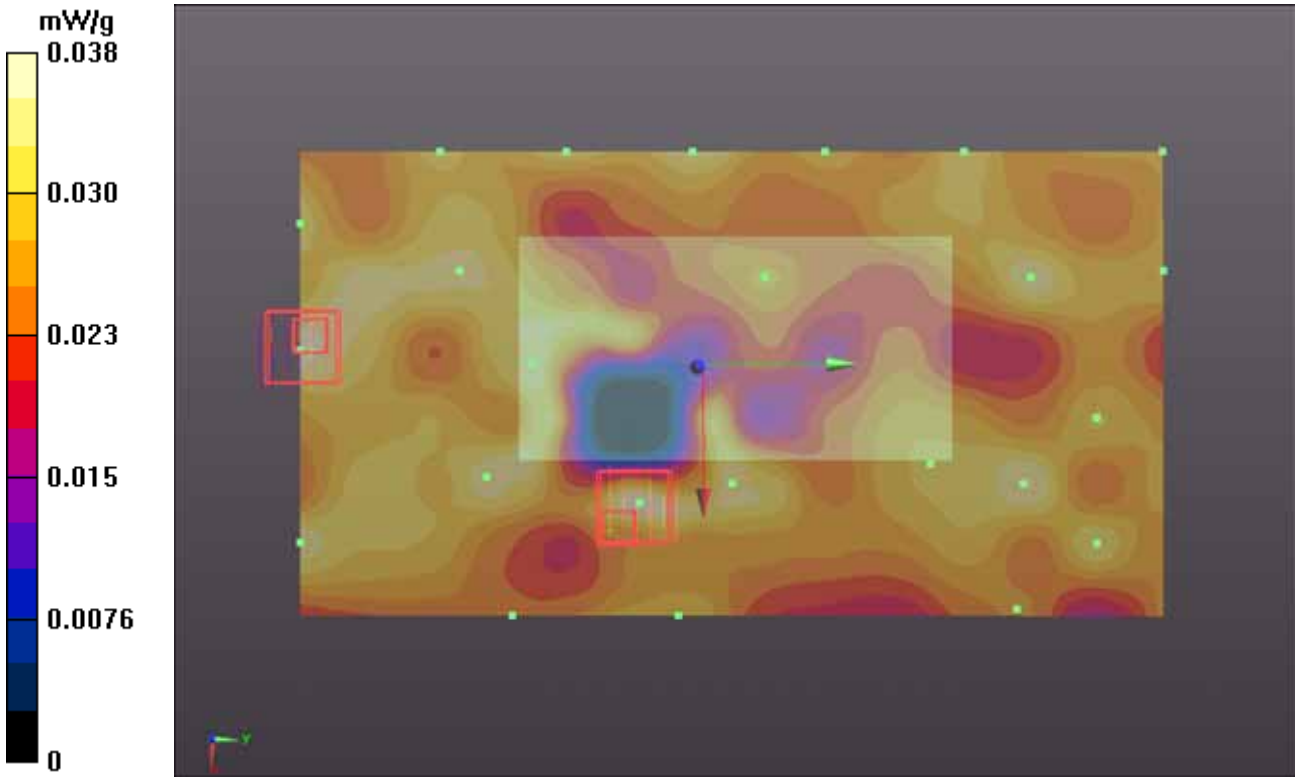
Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5580 MHz; σ = 5.825 mho/m; ε_r = 48.365; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.43, 3.43, 3.43); 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)

Ch116/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0380 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.820 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.050 mW/g
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.0489 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.820 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.026 mW/g
SAR(1 g) = 6.65e-005 mW/g; SAR(10 g) = 3.06e-006 mW/g
Maximum value of SAR (measured) = 0.0518 mW/g



P168 802.11n_HT20_Rear Face _1cm_Ch116_Earphone

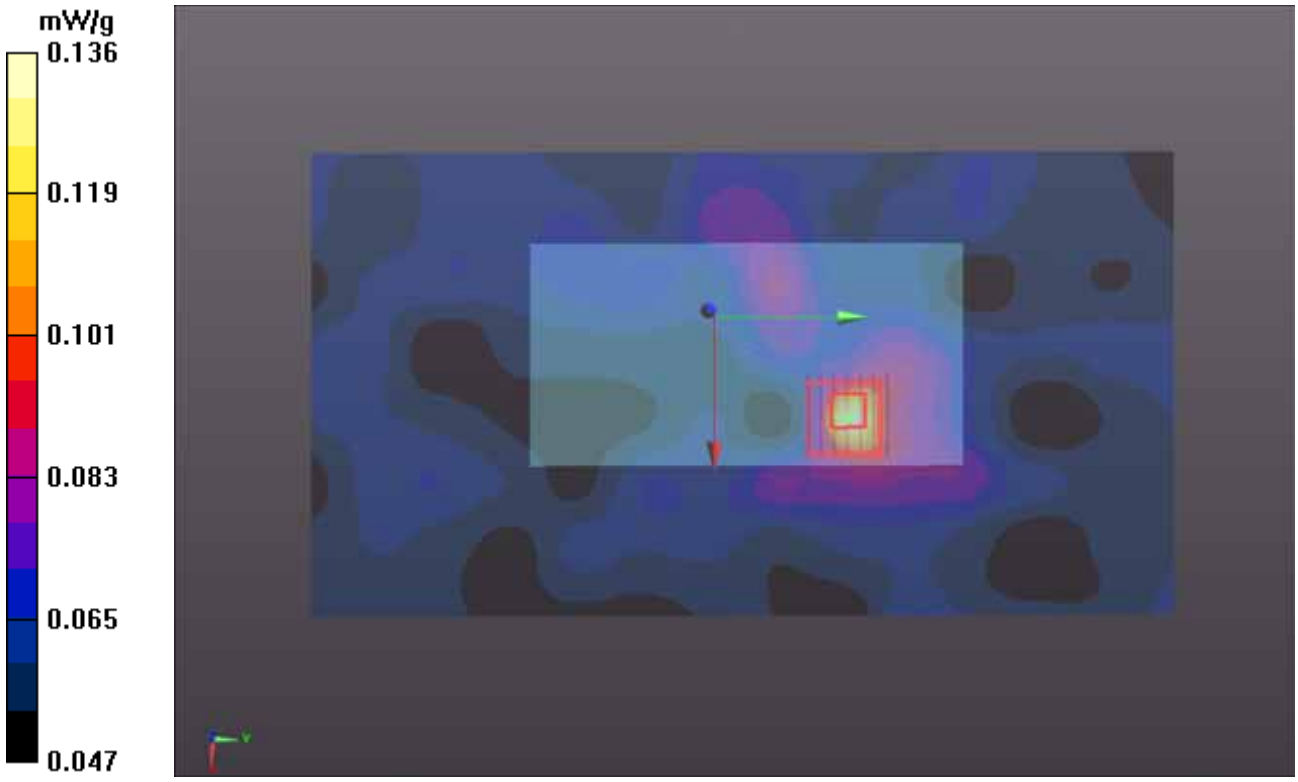
DUT: 120710C03

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5580 MHz; σ = 5.825 mho/m; ε_r = 48.365; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.43, 3.43, 3.43); 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)

Ch116/Area Scan (141x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.962 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.670 mW/g
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.251 mW/g



P169 802.11n_HT40_Front Face _1cm_Ch151

DUT: 120710C03

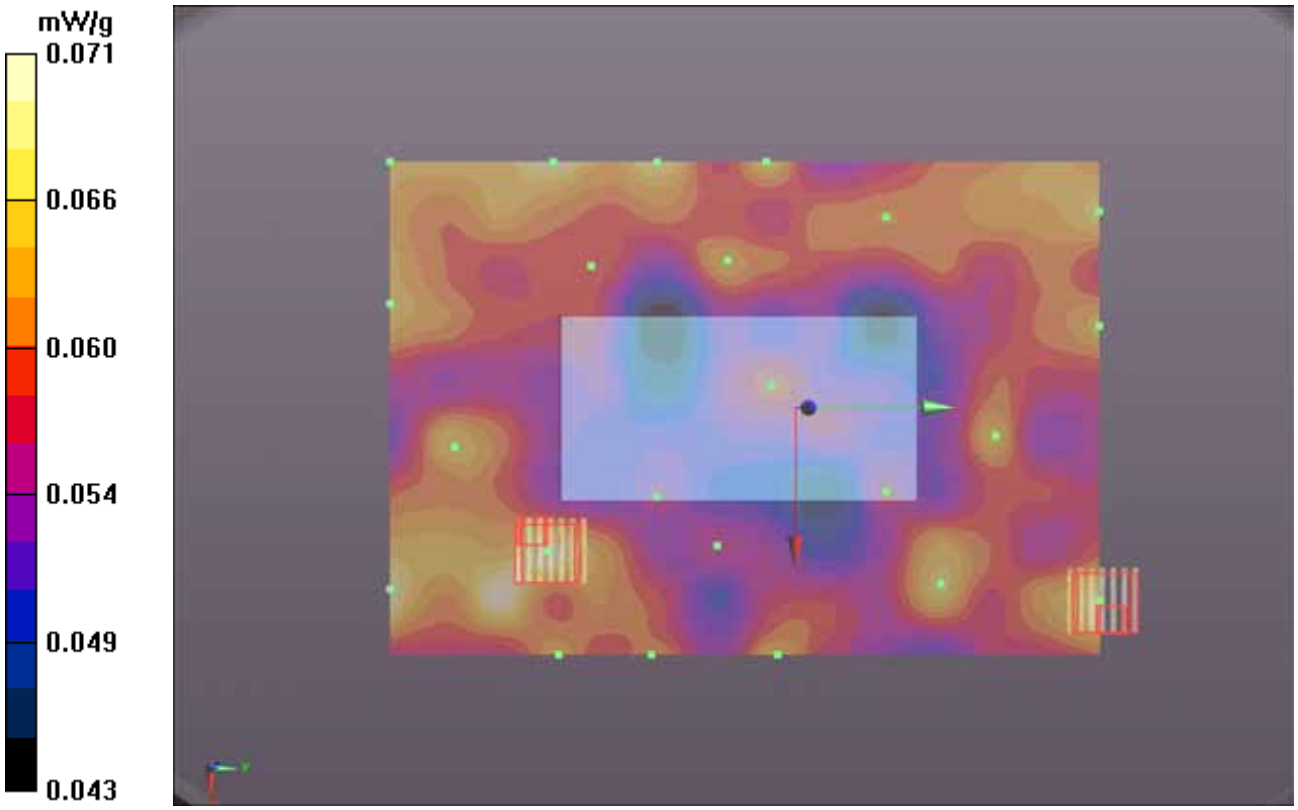
Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (181x231x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0713 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.244 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.097 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.0957 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.244 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.091 mW/g
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.0907 mW/g



P170 802.11n_HT40_Rear Face _1cm_Ch151

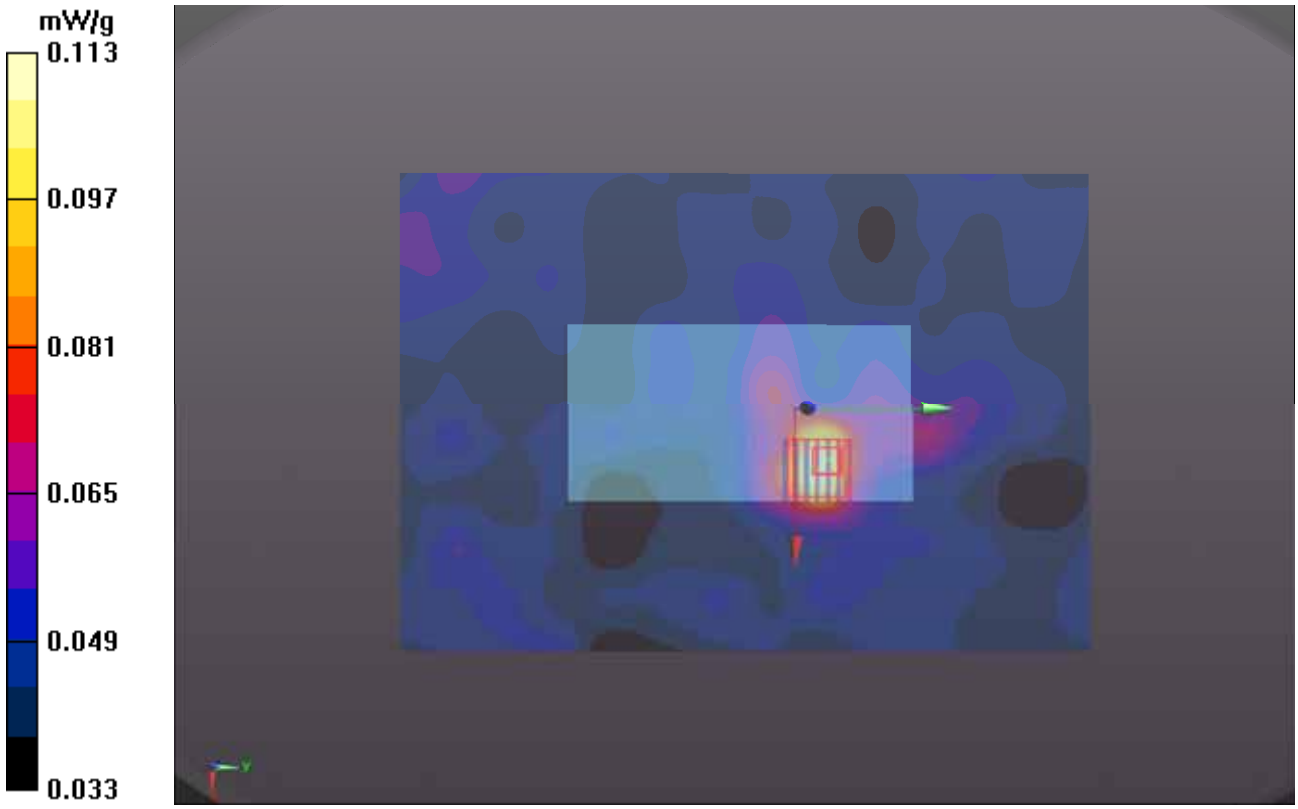
DUT: 120710C03

Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (181x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.113 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.133 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.243 mW/g
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.142 mW/g



P171 802.11n_HT40_Left Side_1cm_Ch151

DUT: 120710C03

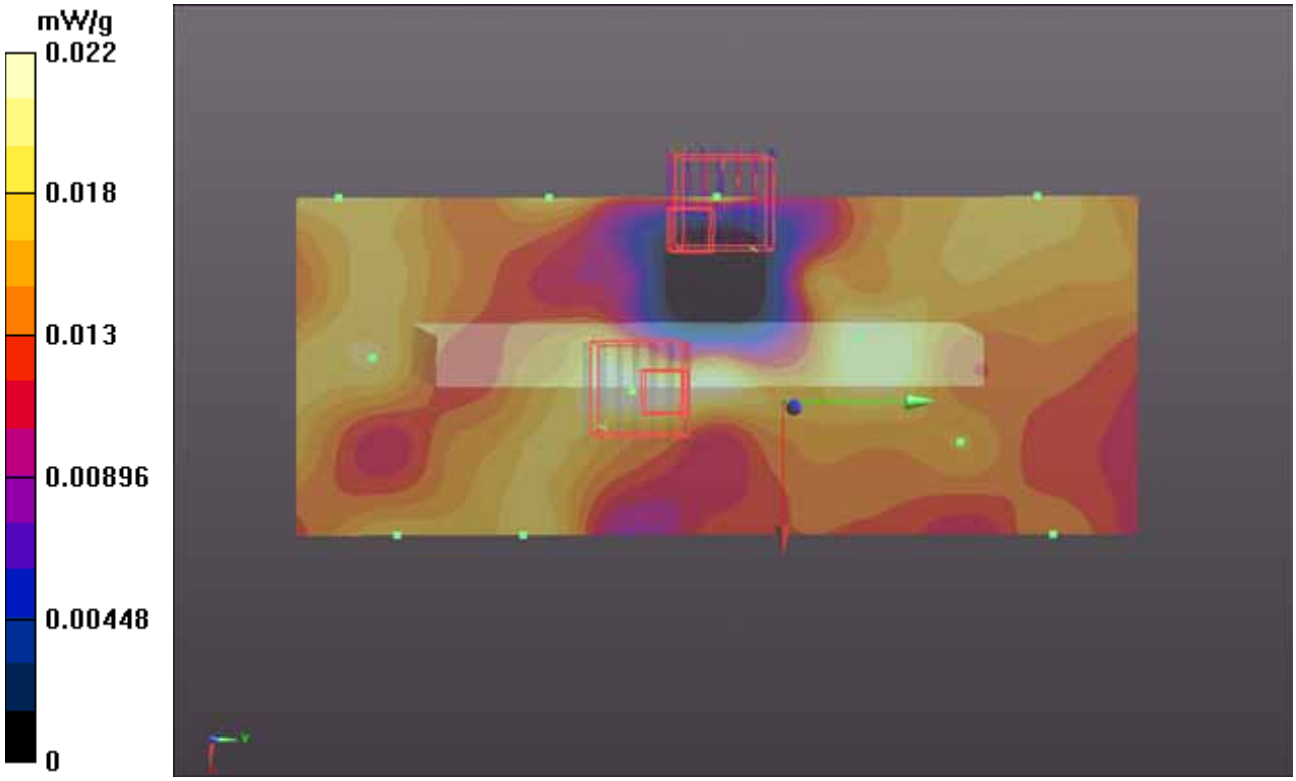
Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0224 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.506 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.088 mW/g
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.0286 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.506 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.112 mW/g
SAR(1 g) = 0.00798 mW/g; SAR(10 g) = 0.00179 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



P173 802.11n_HT40_Top Side_1cm_Ch151

DUT: 120710C03

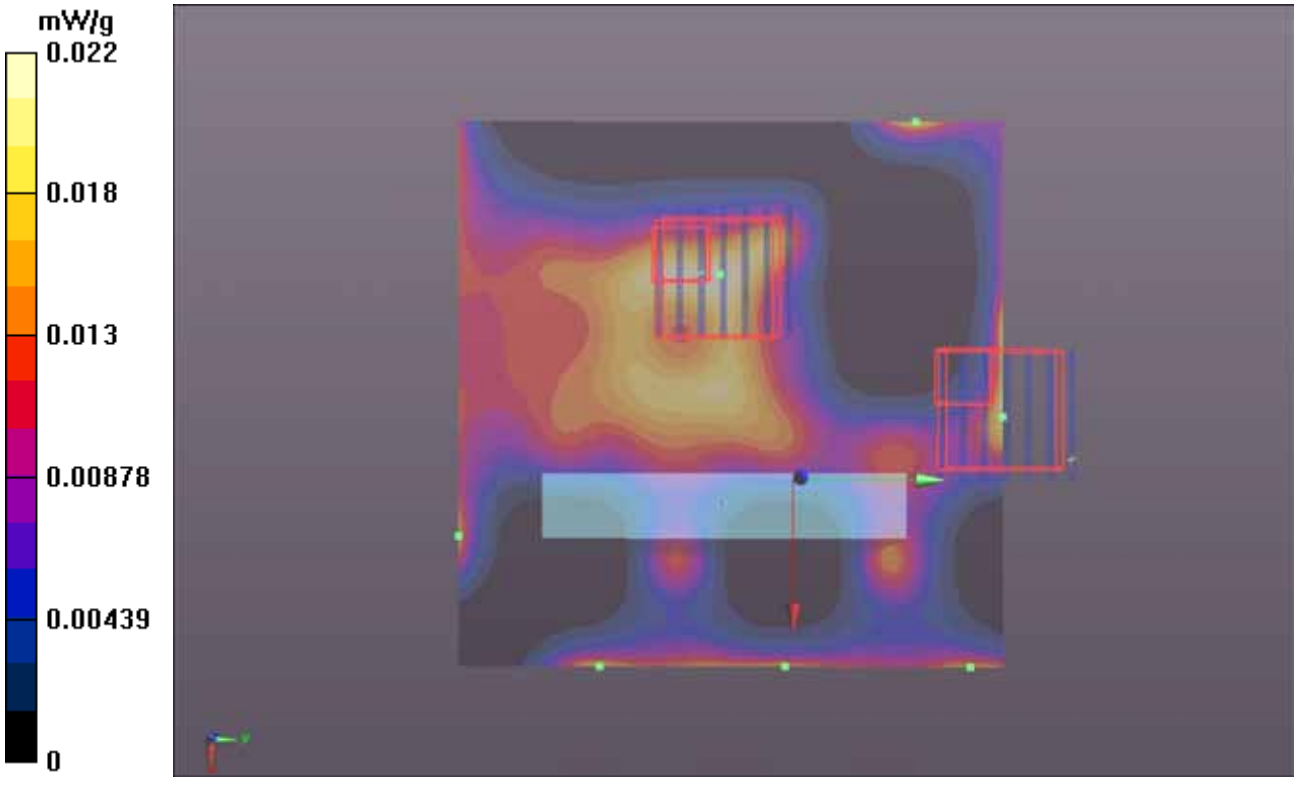
Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0220 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.503 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.094 mW/g
SAR(1 g) = 0.00863 mW/g; SAR(10 g) = 0.00429 mW/g
Maximum value of SAR (measured) = 0.0605 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.503 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.081 mW/g
SAR(1 g) = 0.00702 mW/g; SAR(10 g) = 0.0043 mW/g
Maximum value of SAR (measured) = 0.0224 mW/g



P174 802.11n_HT40_Front Face_1cm_Ch151_Earphone

DUT: 120710C03

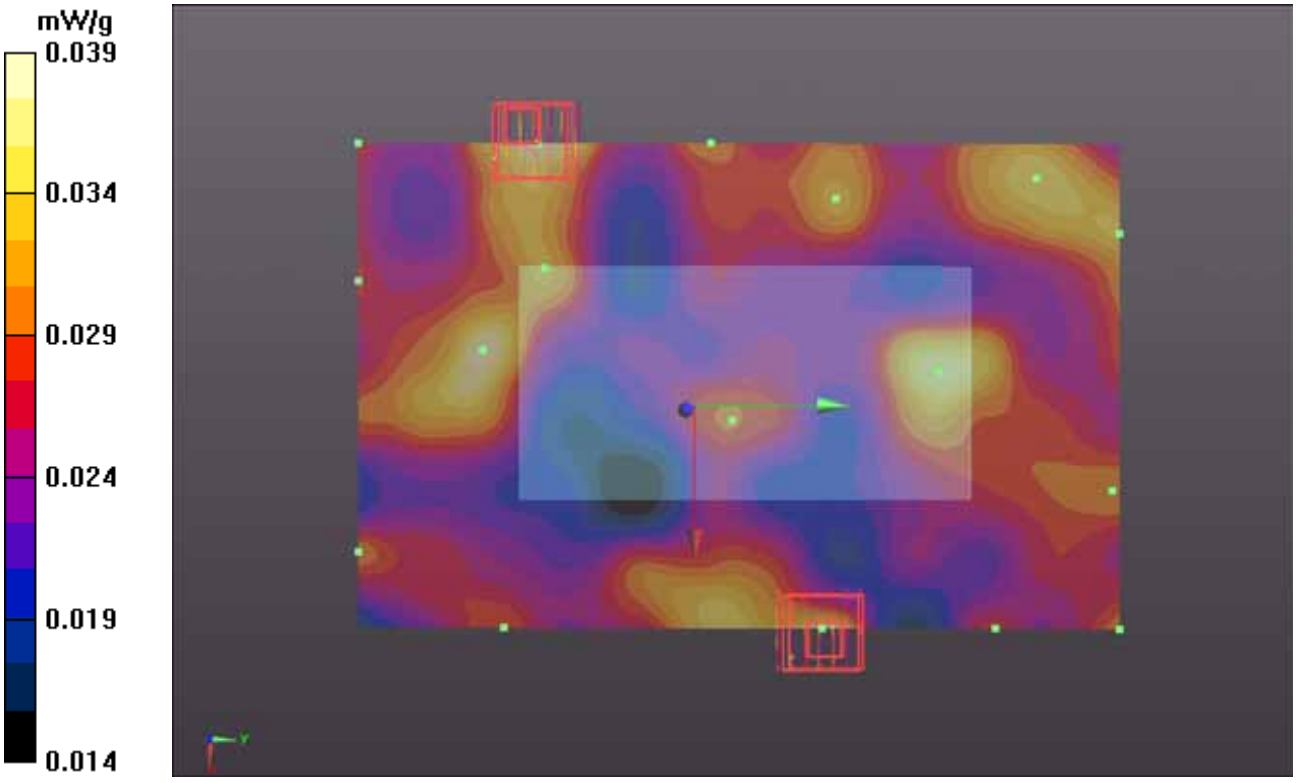
Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0386 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.015 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.053 mW/g
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.0529 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.015 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.058 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0491 mW/g



P175 802.11n_HT40_Rear Face _1cm_Ch151_Earphone

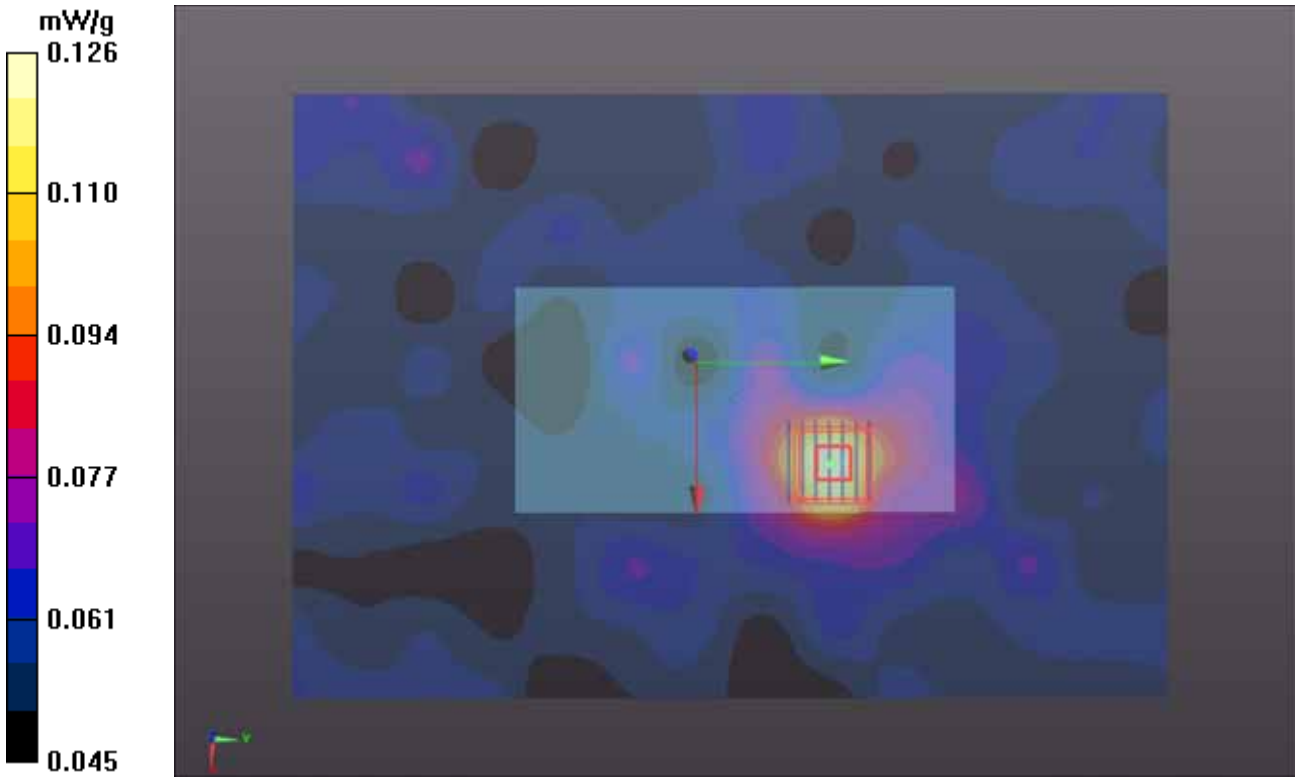
DUT: 120710C03

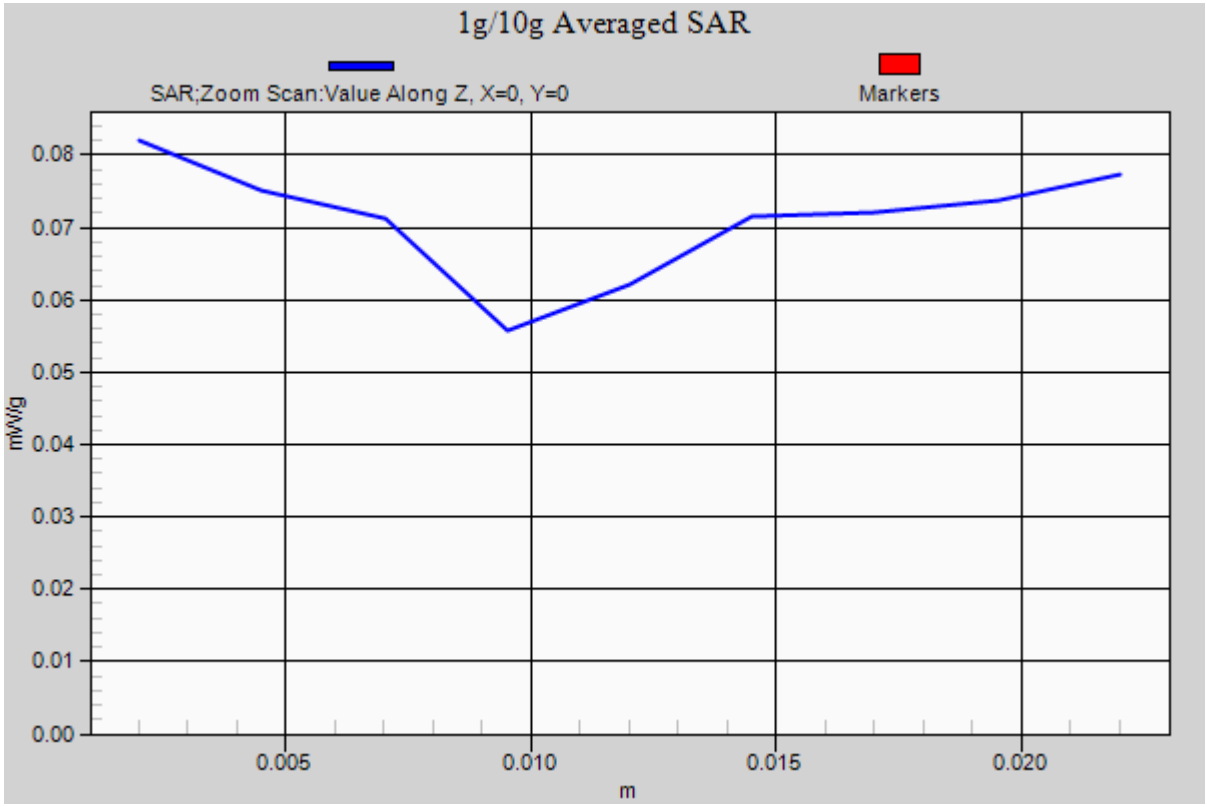
Communication System: WLAN_5G; Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: B5G_0725 Medium parameters used: f = 5755 MHz; σ = 6.028 mho/m; ε_r = 48.243; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch151/Area Scan (181x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch151/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.570 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.361 mW/g
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.150 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=0, Y=0
Markers
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
m