#01 GSM850_Right Cheek_Ch251_Battery4

DUT: 190794

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110910 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.4; ρ =

1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
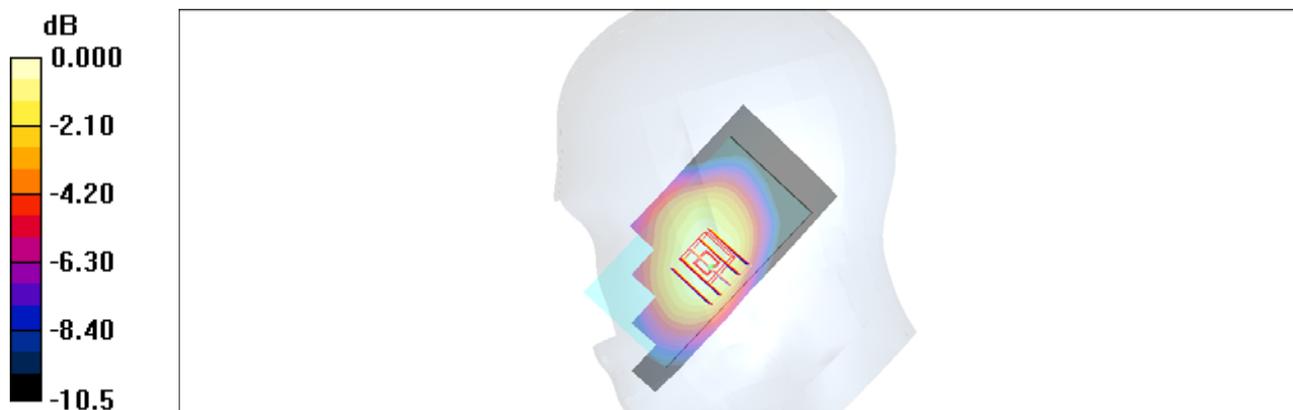Maximum value of SAR (interpolated) = 0.476 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.50 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.464 mW/g

0 dB = 0.464mW/g

#01 GSM850_Right Cheek_Ch251_Battery4_2D

DUT: 190794

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110910 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; $ε_r$ = 41.4; ρ

= 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
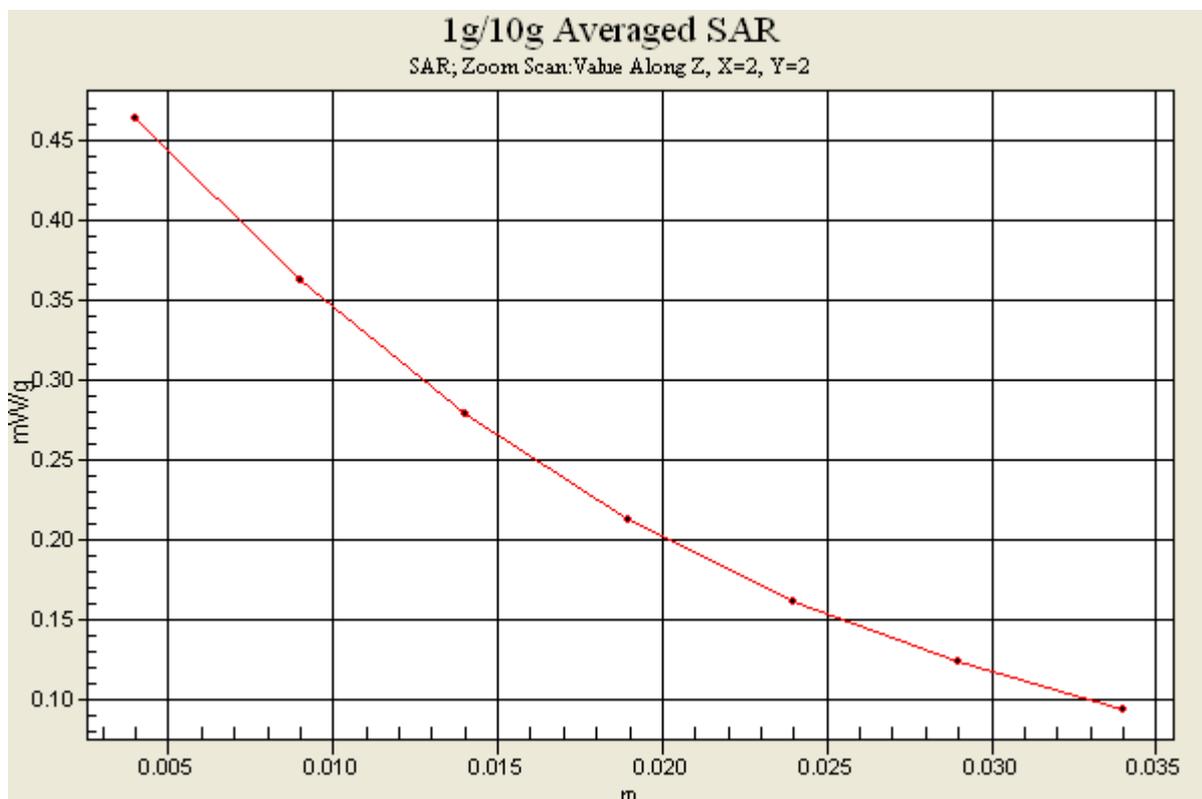Maximum value of SAR (interpolated) = 0.476 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.50 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.330 mW/g
 Maximum value of SAR (measured) = 0.464 mW/g

#02 GSM1900_Right Cheek_Ch810_Battery4

DUT: 190794

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110910 Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; $ε_r$ = 38.8; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(8.68, 8.68, 8.68); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
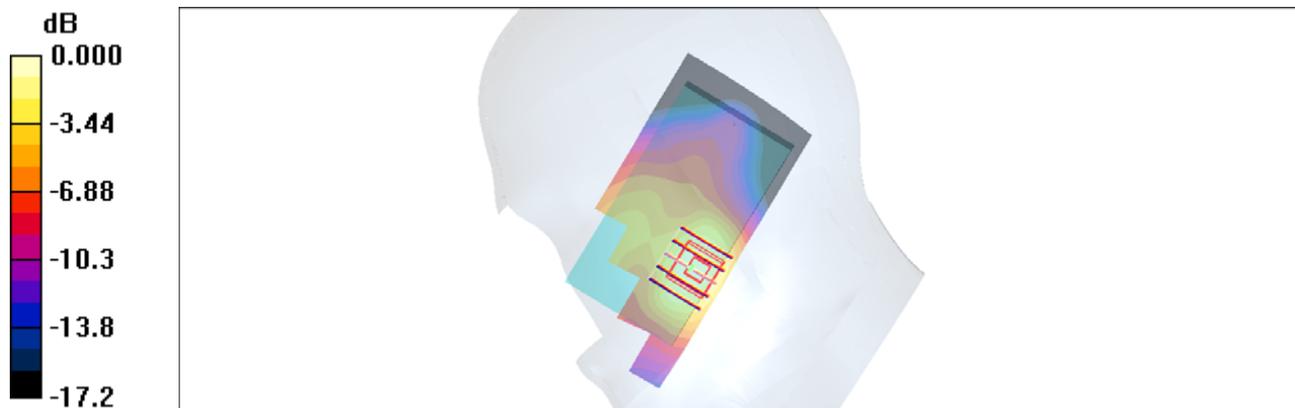Maximum value of SAR (interpolated) = 0.299 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.31 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

0 dB = 0.306mW/g

#02 GSM1900_Right Cheek_Ch810_Battery4_2D

DUT: 190794

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110910 Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; ε_r = 38.8; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(8.68, 8.68, 8.68); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
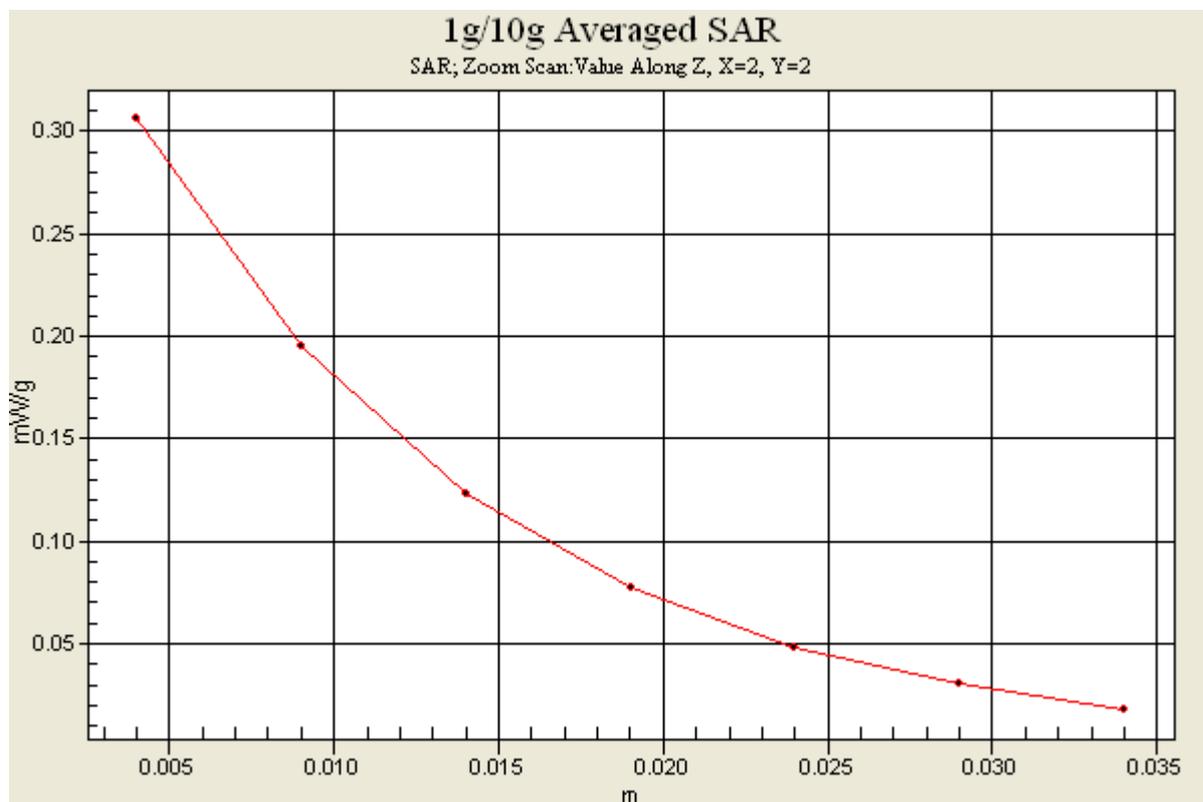Maximum value of SAR (interpolated) = 0.299 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.31 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

#03 WCDMA IV_RMC12.2K_Right Cheek_Ch1413_Battery4

DUT: 190794

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110910 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 40.6; ρ
= 1000 kg/m^3
Ambient Temperature：22.5℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
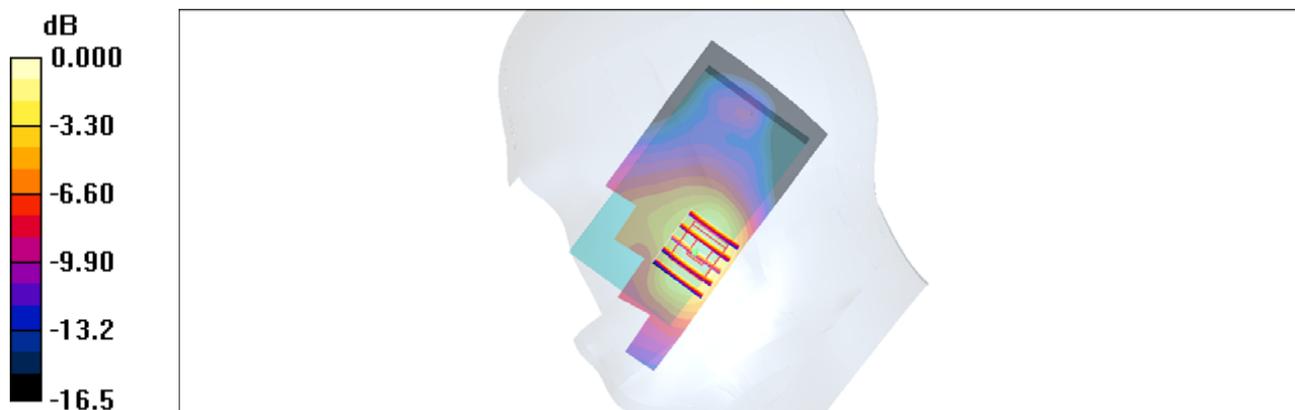Maximum value of SAR (interpolated) = 0.665 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.57 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.666 mW/g

0 dB = 0.666mW/g

#03 WCDMA KX_RMC12.2K_Right Cheek_Ch1413_Battery4_2D

DUT: 190794

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110910 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 40.6; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
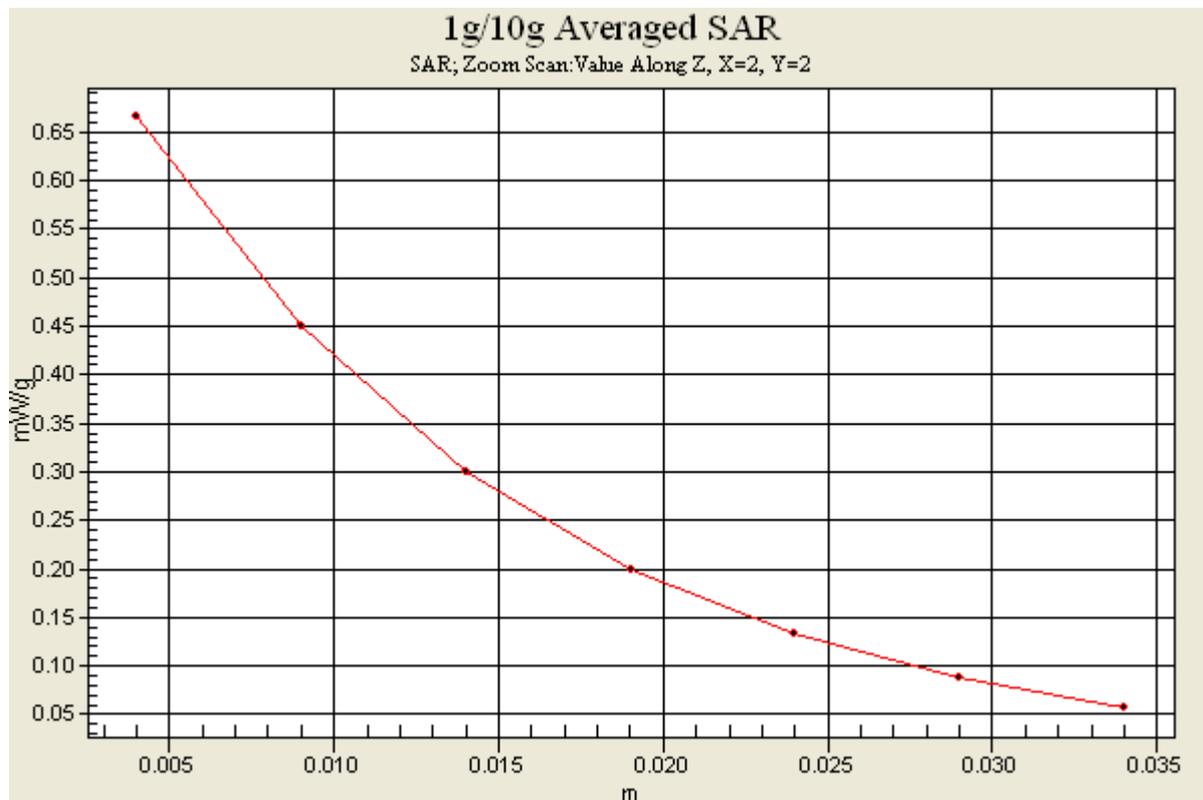Maximum value of SAR (interpolated) = 0.665 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.57 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.666 mW/g

#04 802.11b_Left Cheek_Ch6_Battery4

DUT: 190794

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110910 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 37.5; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.8, 7.8, 7.8); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.327 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.47 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.305 mW/g

0 dB = 0.305mW/g

#04 802.11b_Left Cheek_Ch6_Battery4_2D

DUT: 190794

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110910 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 37.5; ρ

= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.8, 7.8, 7.8); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
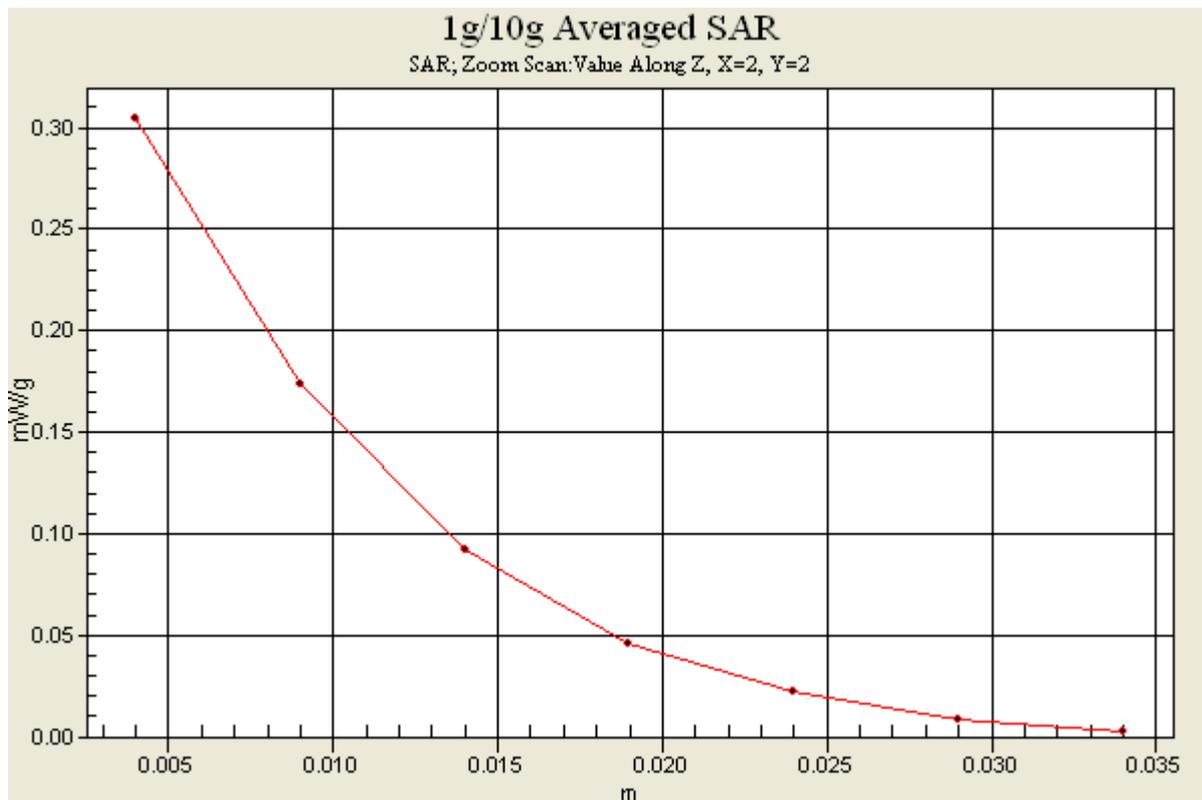Maximum value of SAR (interpolated) = 0.327 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.47 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.305 mW/g

#05 GSM850_GPRS10_Back_1cm_Ch251_Battery4

DUT: 190794

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110910 Medium parameters used: f = 849 MHz; σ = 1.01 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.5 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.41 W/kg
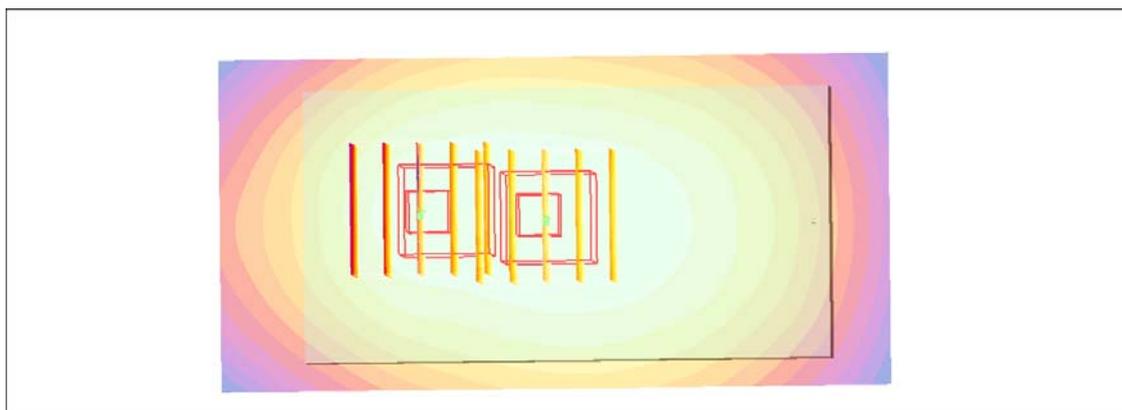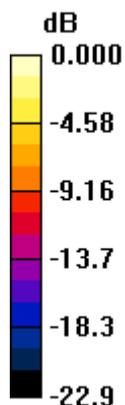**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.787 mW/g**
Maximum value of SAR (measured) = 1.11 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.5 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.704 mW/g

0 dB = 1.11mW/g

#05 GSM850_GPRS10_Back_1cm_Ch251_Battery4_2D

DUT: 190794

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110910 Medium parameters used: f = 849 MHz; σ = 1.01 mho/m; ε_r = 54.6; ρ =

1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.5 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.787 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

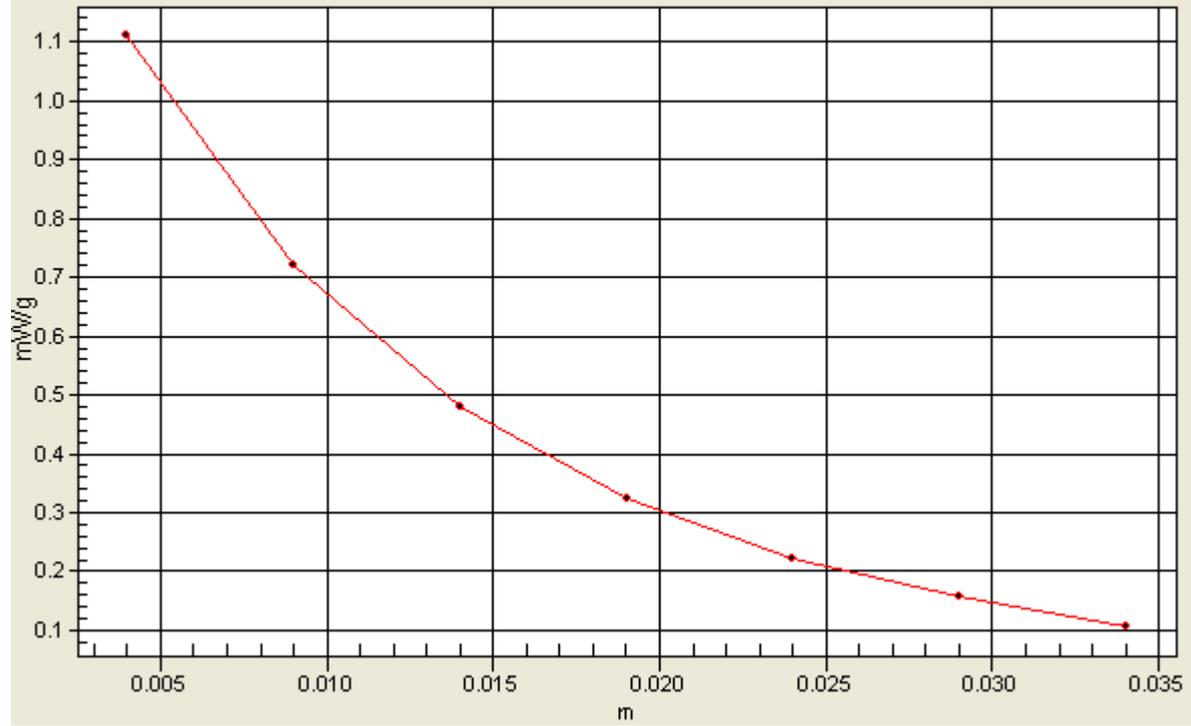**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.5 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.704 mW/g

1g/10g Averaged SAR

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

#11 GSM850_GPRS10_Back_1cm_Ch128_Battery4

DUT: 190794

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110910 Medium parameters used: f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 54.8; ρ
= 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
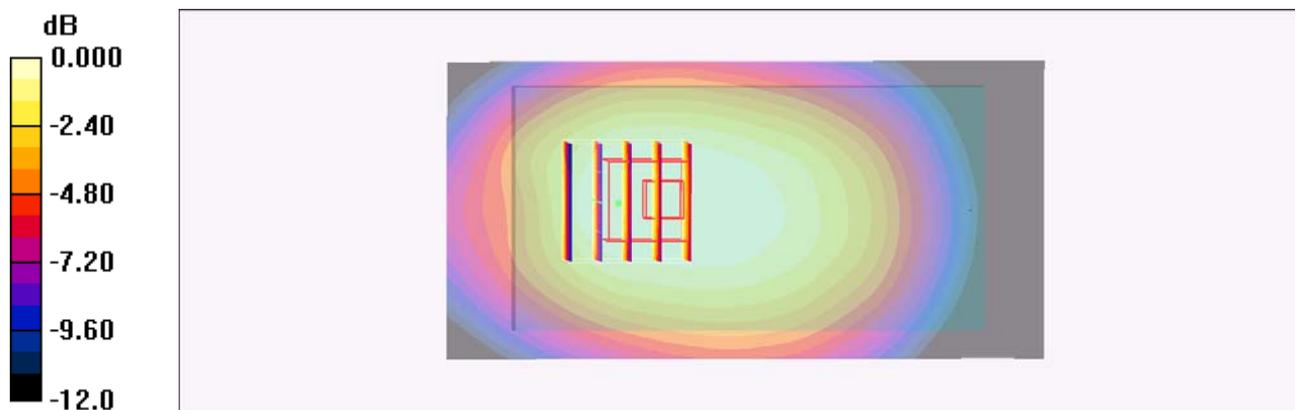Maximum value of SAR (interpolated) = 0.898 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.559 mW/g
Maximum value of SAR (measured) = 0.817 mW/g

0 dB = 0.817mW/g

#12 GSM850_GPRS10_Back_1cm_Ch189_Battery4

DUT: 190794

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110910 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.58, 9.58, 9.58); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.9 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.689 mW/g
Maximum value of SAR (measured) = 1.00 mW/g

0 dB = 1.00mW/g

#06 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
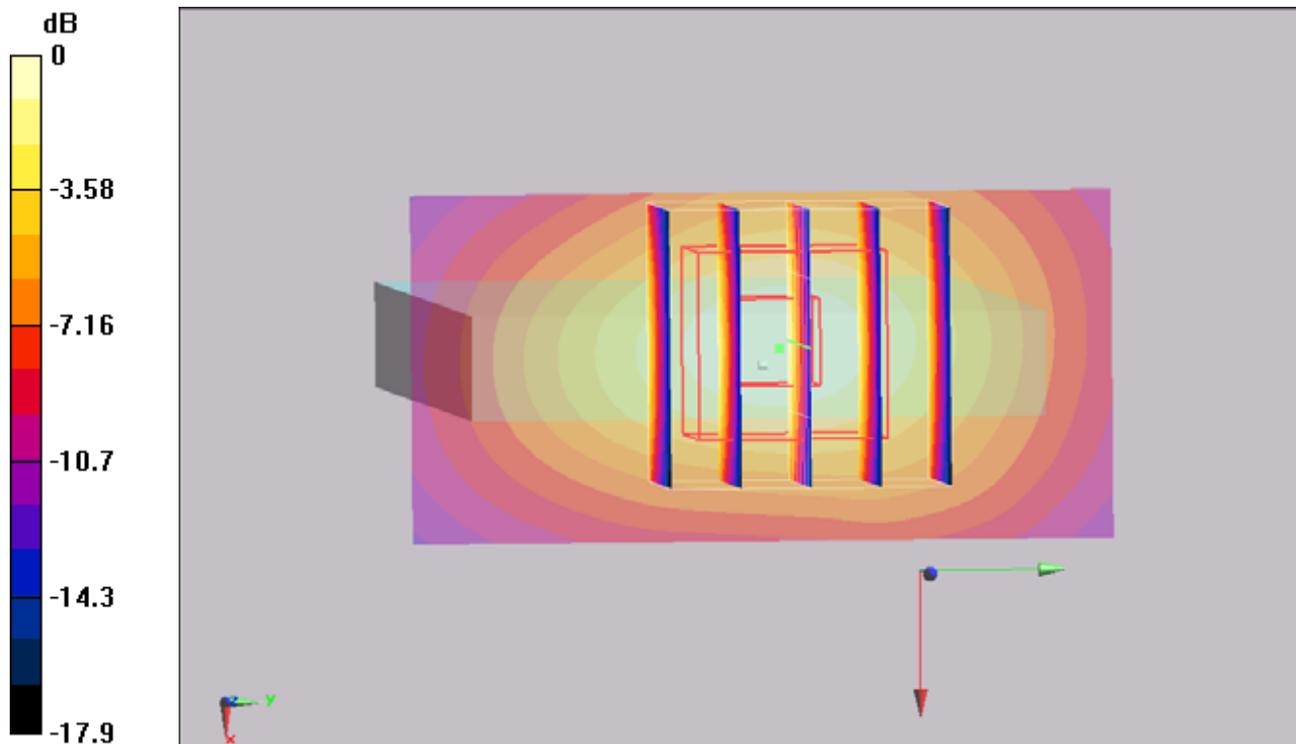Maximum value of SAR (interpolated) = 1.59 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.746 mW/g
Maximum value of SAR (measured) = 1.58 mW/g

0 dB = 1.58mW/g

#06 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Battery4_2D

DUT: 190794

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; $ε_r$ = 52.9; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
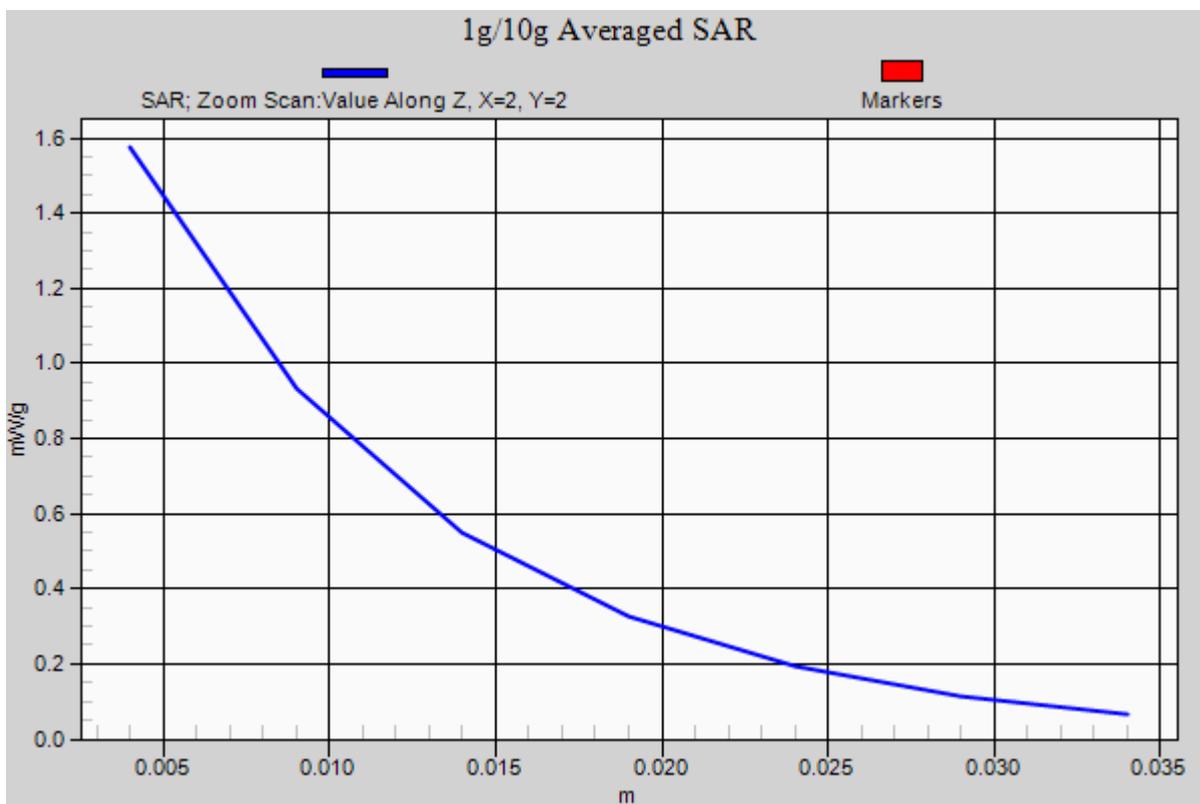Maximum value of SAR (interpolated) = 1.59 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.746 mW/g
Maximum value of SAR (measured) = 1.58 mW/g

#13 GSM1900_GPRS10_Bottom Side_1cm_Ch512_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
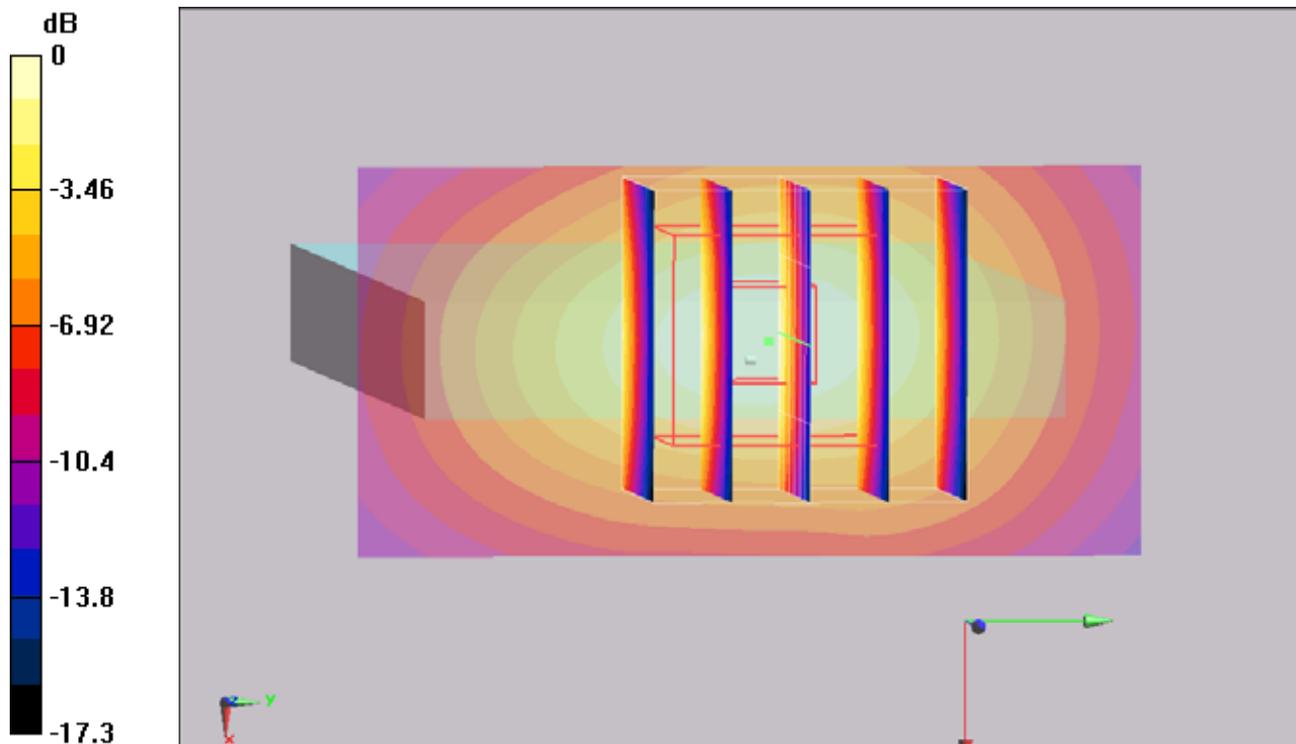Maximum value of SAR (interpolated) = 1.27 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.8 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.28 mW/g

0 dB = 1.28mW/g

#14 GSM1900_GPRS10_Bottom Side_1cm_Ch661_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 53; ρ = 1000

kg/m^3
Ambient Temperature   22.3   ; Liquid Temperature   21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
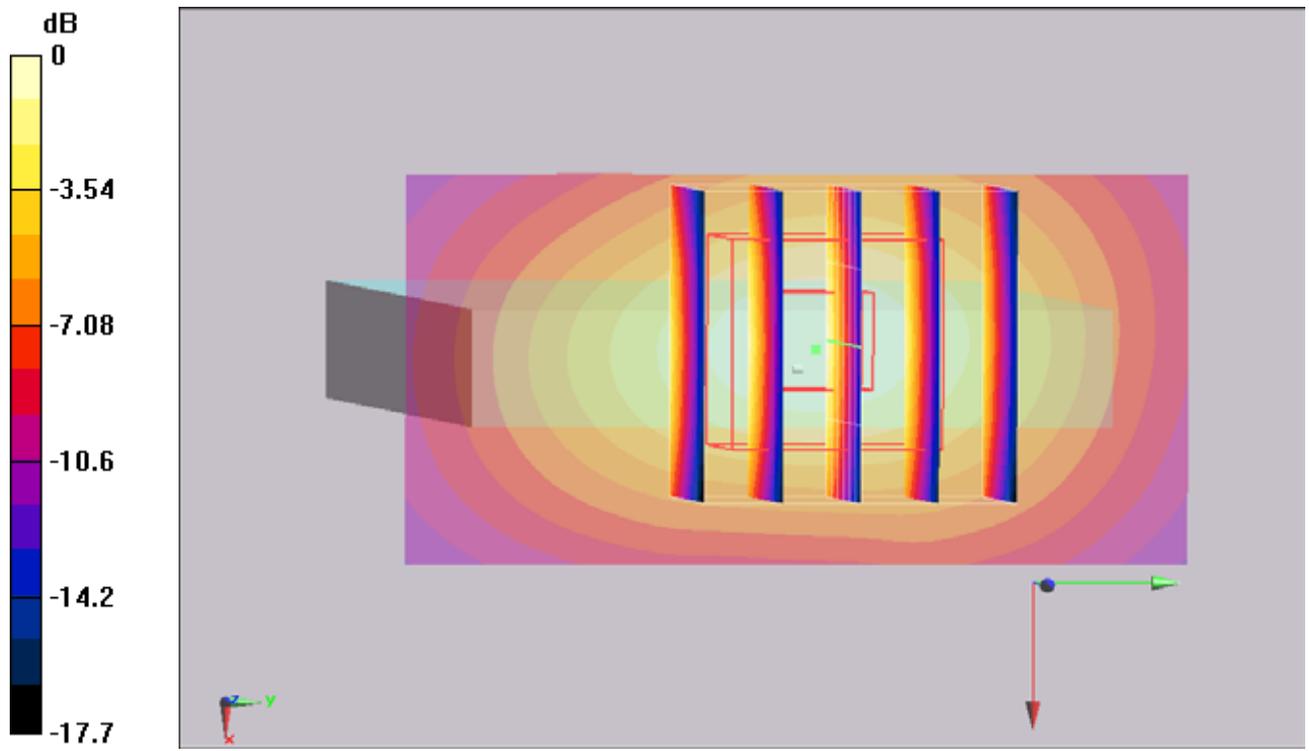Maximum value of SAR (interpolated) = 1.43 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.9 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.673 mW/g
Maximum value of SAR (measured) = 1.43 mW/g

0 dB = 1.43mW/g

#15 GSM1900_GPRS10_Back_1cm_Ch810_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.9; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
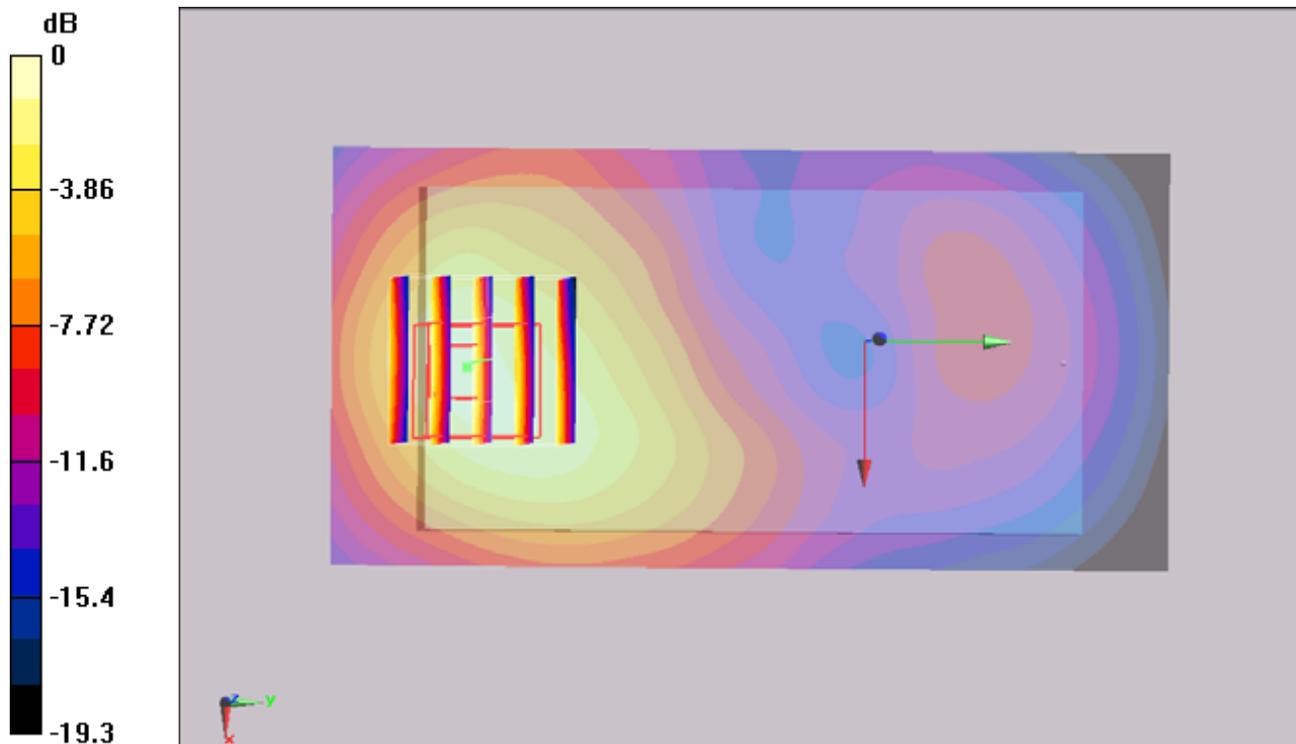Maximum value of SAR (interpolated) = 1.42 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.01 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.709 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

0 dB = 1.48mW/g

#15 GSM1900_GPRS10_Back_1cm_Ch810_Battery4_2D

DUT: 190794

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.9; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
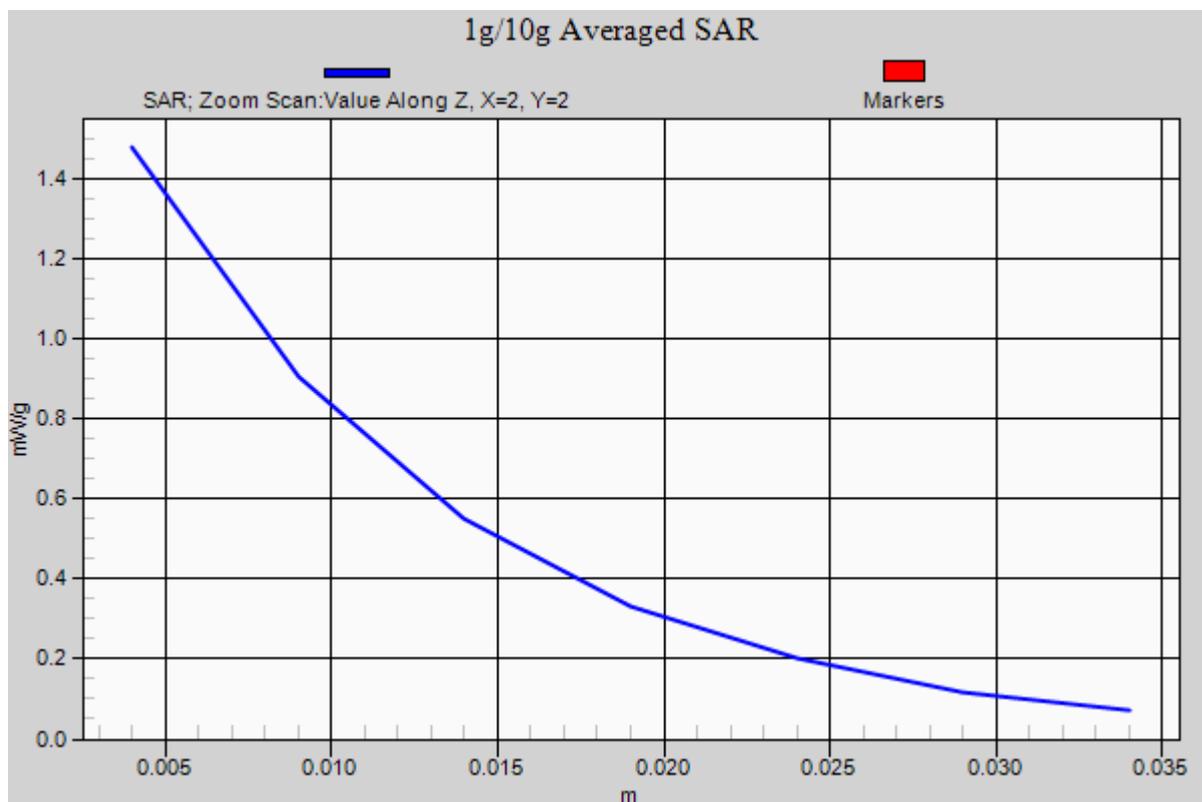Maximum value of SAR (interpolated) = 1.42 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.01 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.709 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

#16 GSM1900_GPRS10_Back_1cm_Ch512_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 53.1; ρ = 1000

kg/m^3
Ambient Temperature 22.3   ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
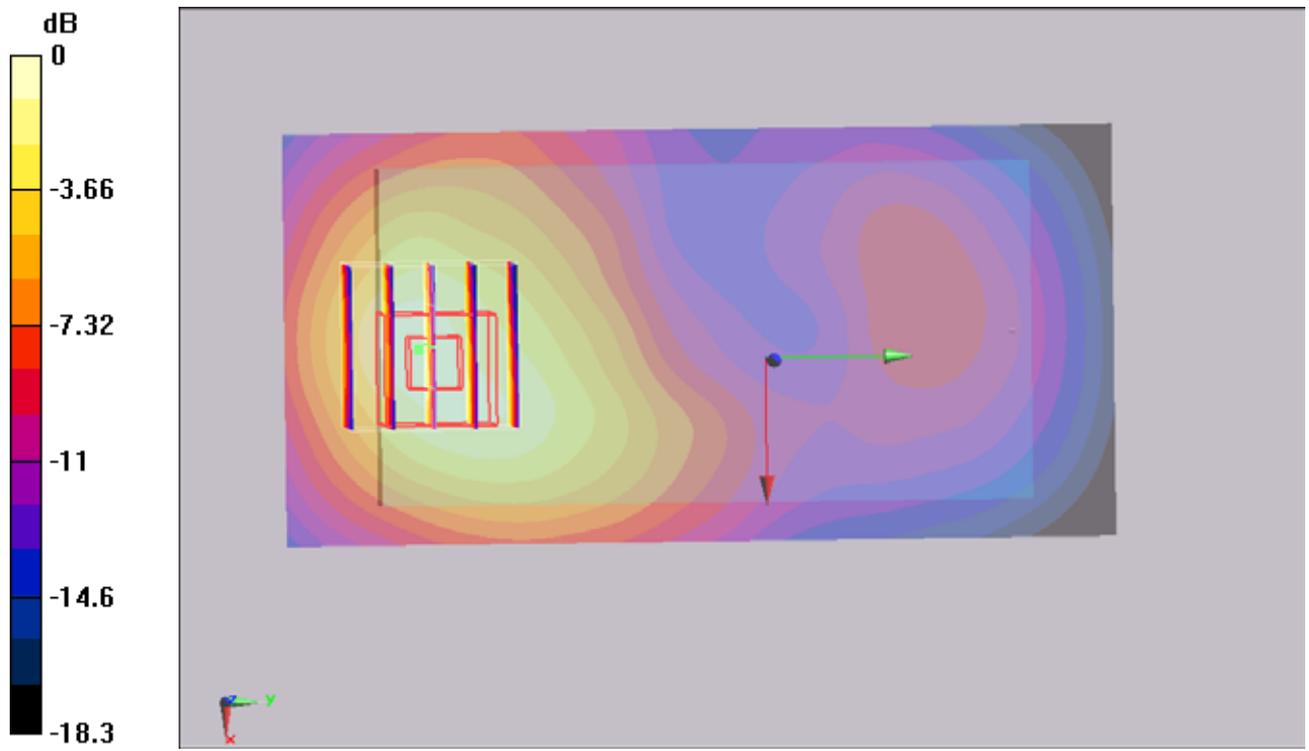Maximum value of SAR (interpolated) = 1.26 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.67 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (measured) = 1.28 mW/g

0 dB = 1.28mW/g

#17 GSM1900_GPRS10_Back_1cm_Ch661_Battery4

DUT: 190794

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110913 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 53; ρ = 1000

kg/m^3
Ambient Temperature 22.3 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.72, 7.72, 7.72); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
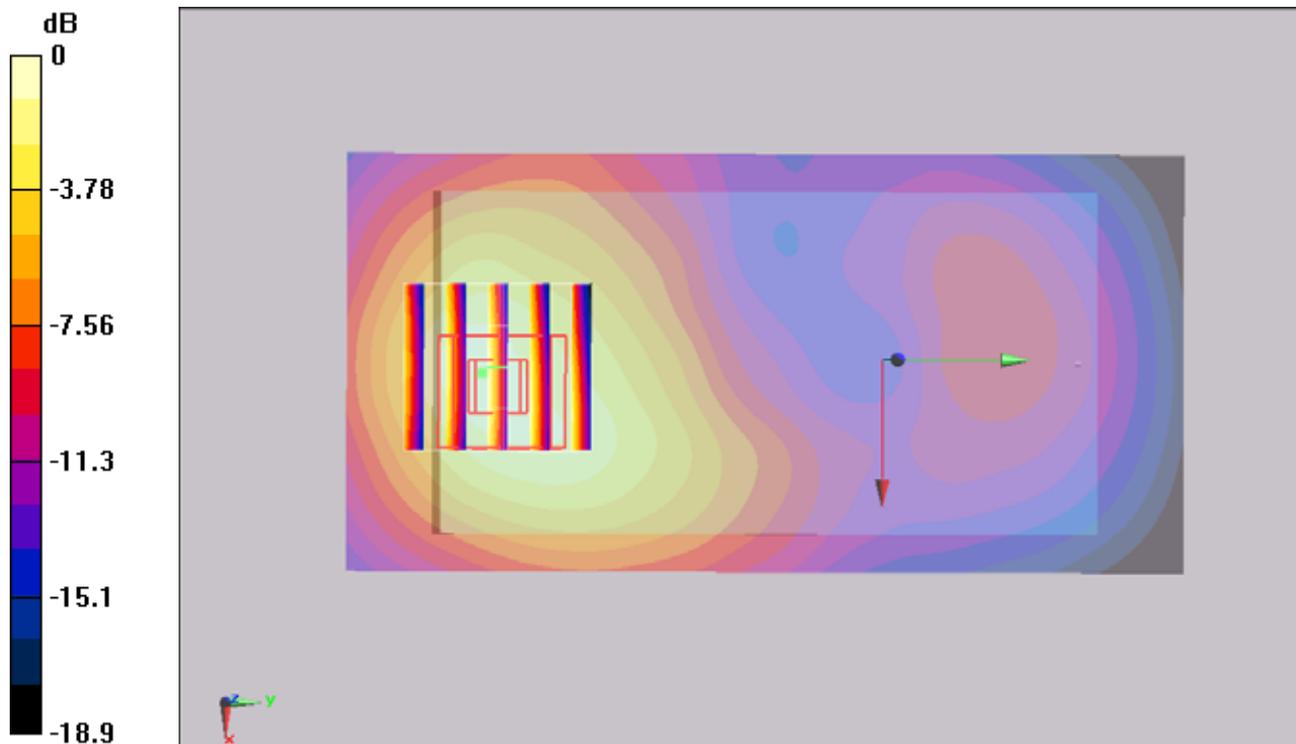Maximum value of SAR (interpolated) = 1.3 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.703 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

0 dB = 1.34mW/g
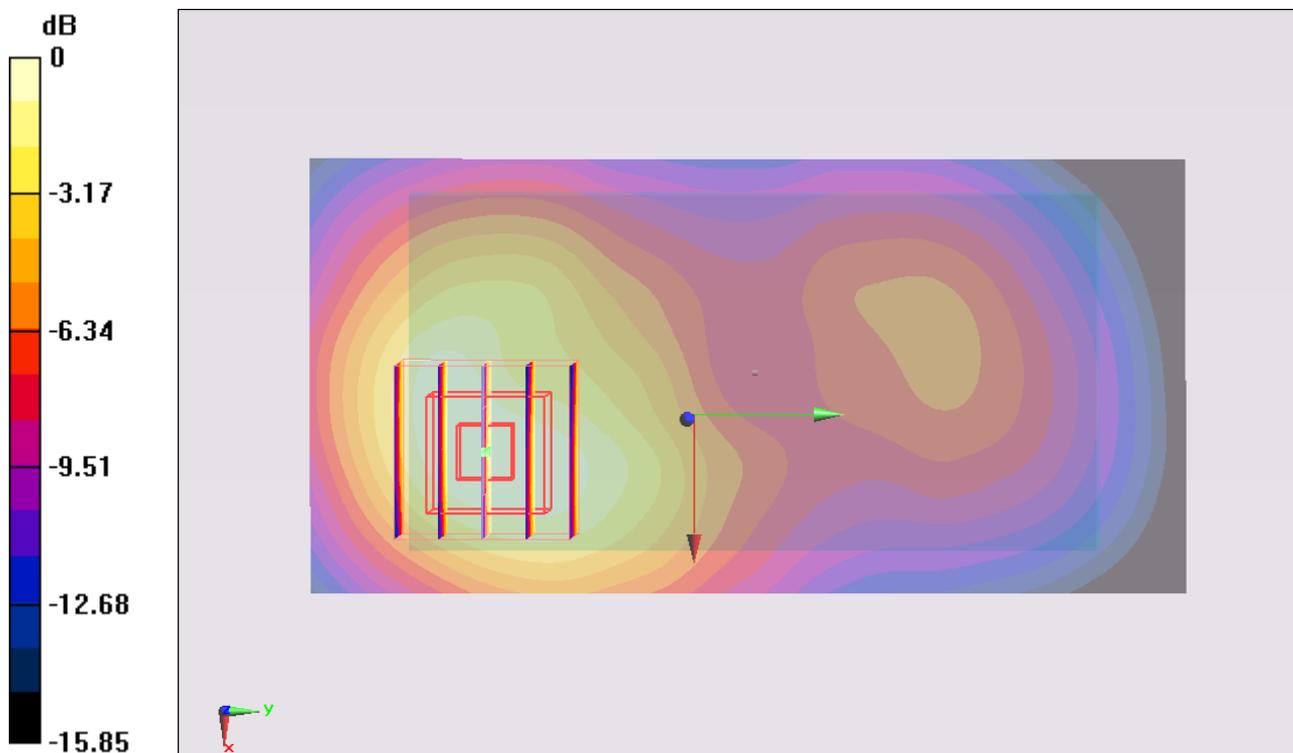
#07 WCDMA IV_RMC12.2K_Bcem_1cm_Ch1513_Battery1

DUT: 190794

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110919 Medium parameters used: f = 1753 MHz; σ = 1.55 mho/m; $ε_r$ = 51.729;

ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.569 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.214 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.173 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.835 mW/g
Maximum value of SAR (measured) = 1.488 mW/g

0 dB = 1.490mW/g

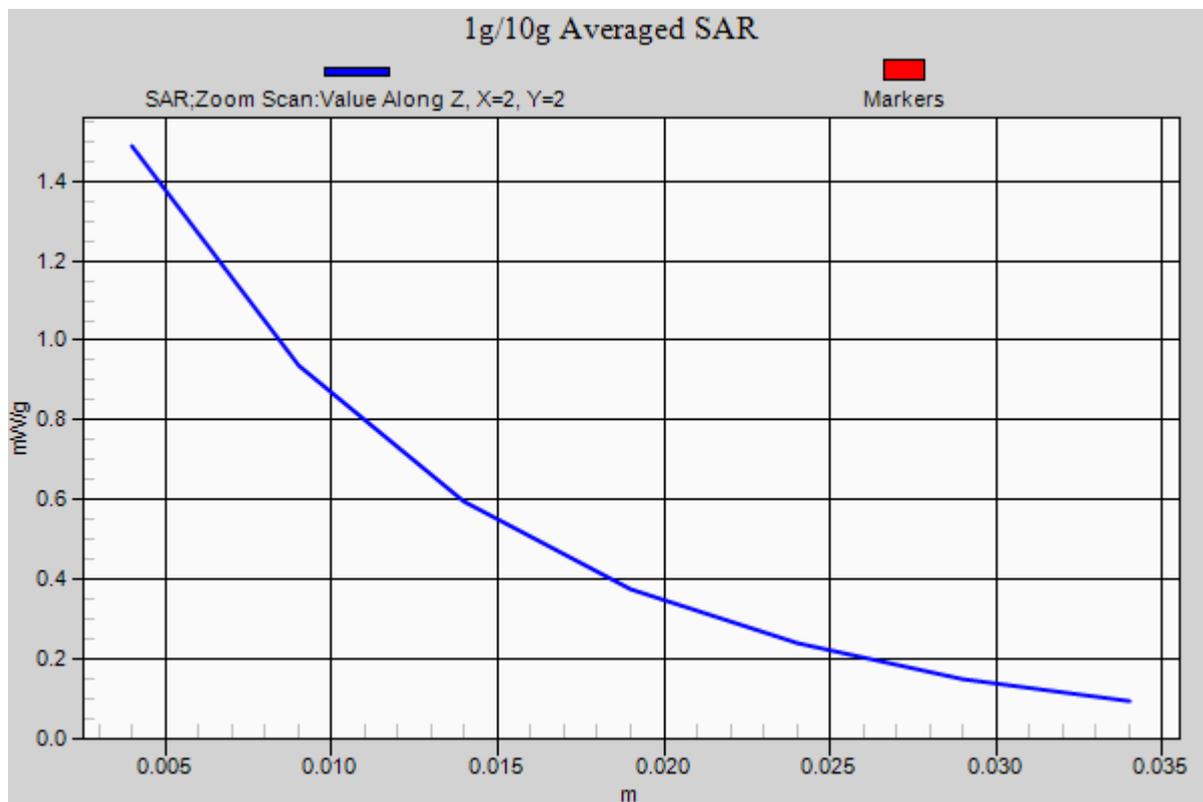## #07 WCDMA IV_RMC12.2K_Dcem_1cm_Ch1513_Battery1_2D

DUT: 190794

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110919 Medium parameters used: f = 1753 MHz; σ = 1.55 mho/m; ε_r = 51.729; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.569 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.214 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.173 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.835 mW/g
Maximum value of SAR (measured) = 1.488 mW/g

#09 WCDMA IV_RMC12.2K_Dcem_1cm_Ch1312_Battery1

DUT: 190794

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110919 Medium parameters used: f = 1712.4 MHz; σ = 1.504 mho/m; ε_r = 51.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1312/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
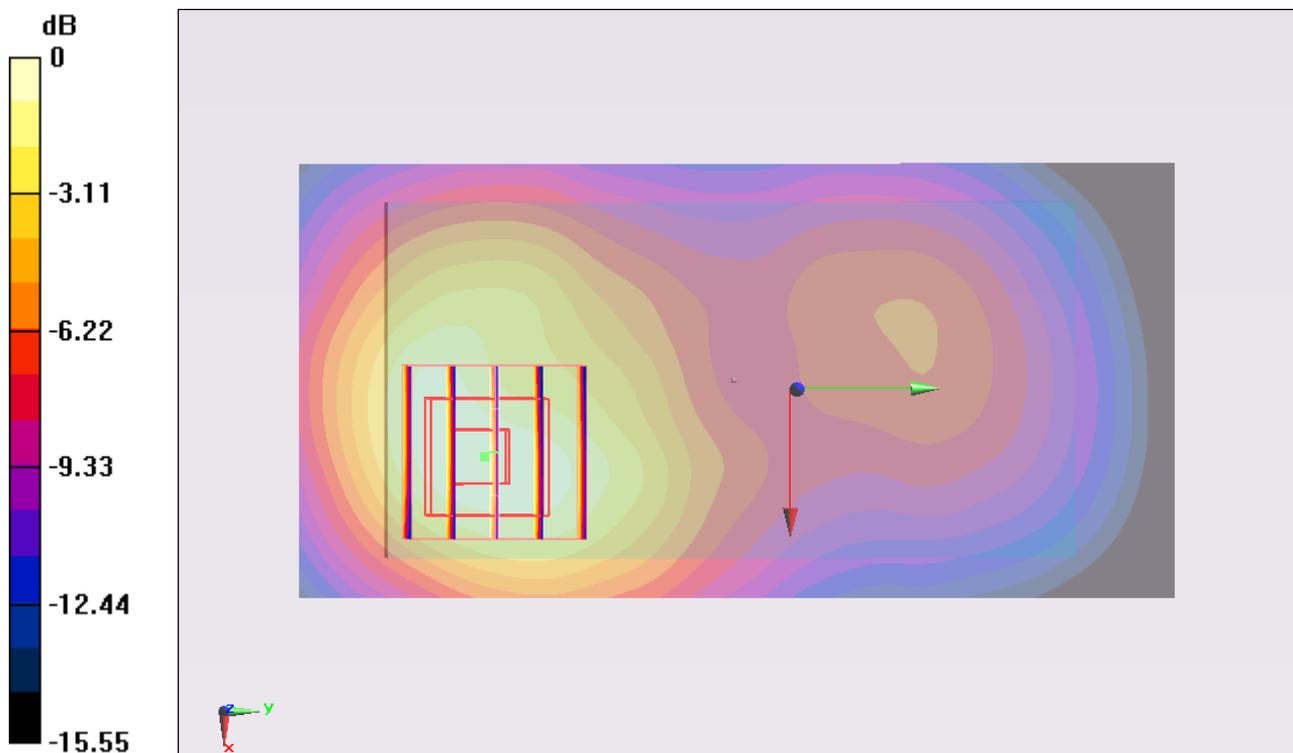Maximum value of SAR (interpolated) = 1.313 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.373 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.901 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (measured) = 1.293 mW/g

0 dB = 1.290mW/g

#10 WCDMA IV_RMC12.2K_Dcem_1cm_Ch1413_Battery1

DUT: 190794

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110919 Medium parameters used: f = 1733 MHz; σ = 1.526 mho/m; ε_r =

51.814; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.375 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.151 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.021 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.775 mW/g
Maximum value of SAR (measured) = 1.372 mW/g
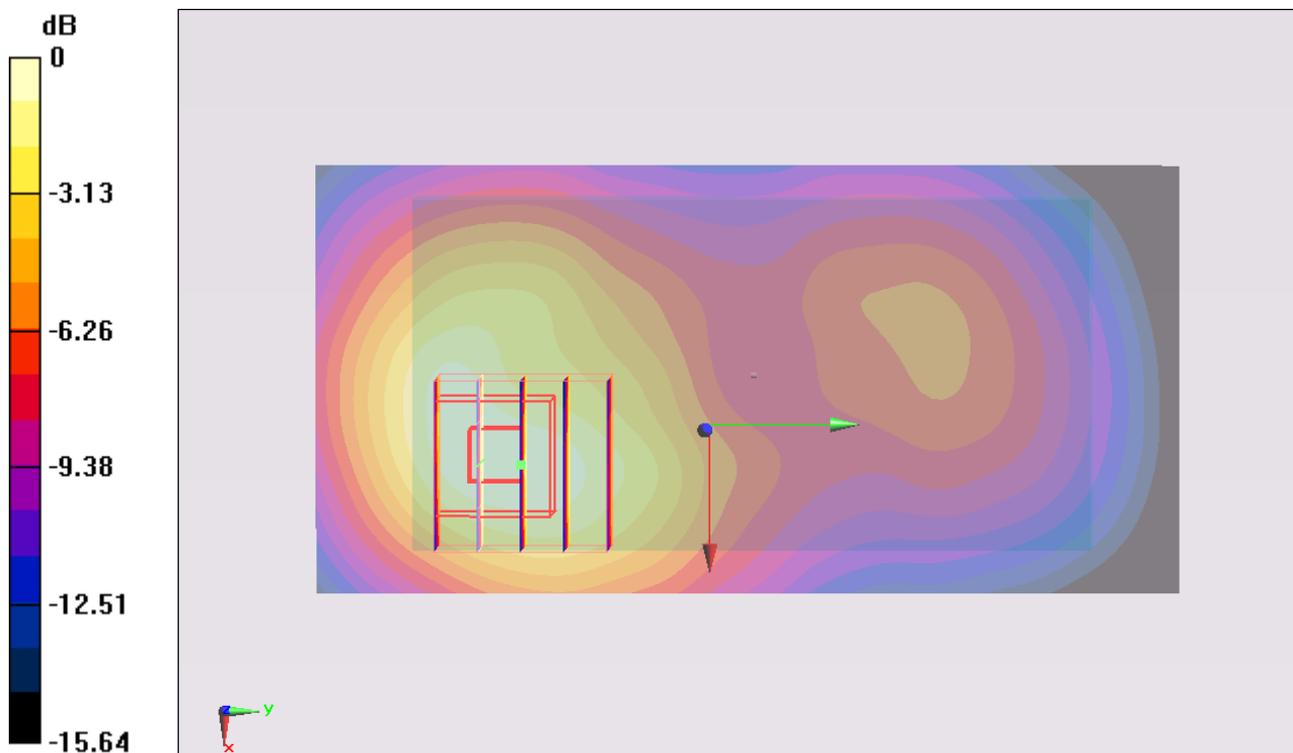
0 dB = 1.370mW/g

#08 802.11b_Back_1cm_Ch6_Battery4

DUT: 190794

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110910 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε$_r$ = 53.9; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.55, 7.55, 7.55); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
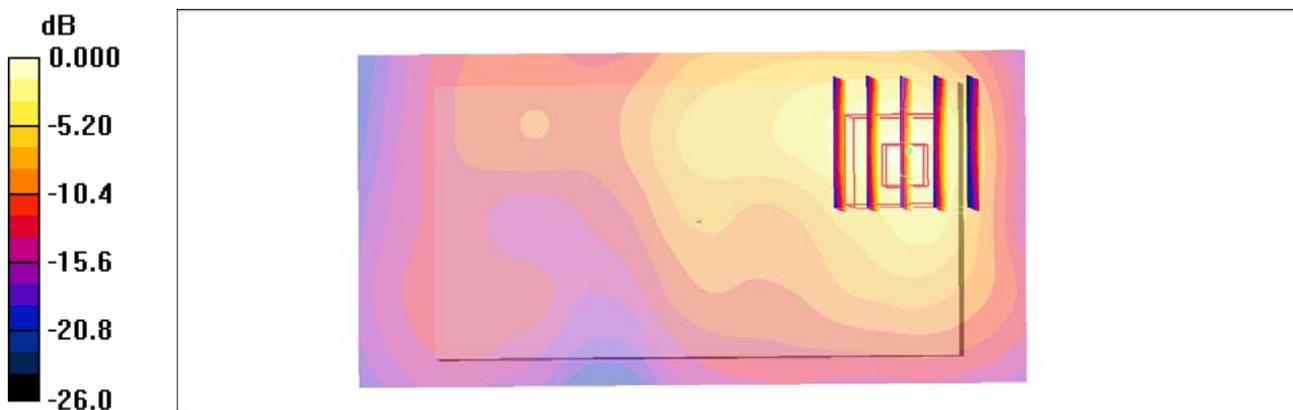Maximum value of SAR (interpolated) = 0.346 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.93 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.455 mW/g

0 dB = 0.455mW/g

#08 802.11b_Back_1cm_Ch6_Battery4_2D

DUT: 190794

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110910 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; $ε_r$ = 53.9;

ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.55, 7.55, 7.55); Calibrated: 2011/1/24
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.346 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.93 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.455 mW/g