#43 GSM850_GPRS10_Bottom_1cm_Ch189_Sample1_Earphone1

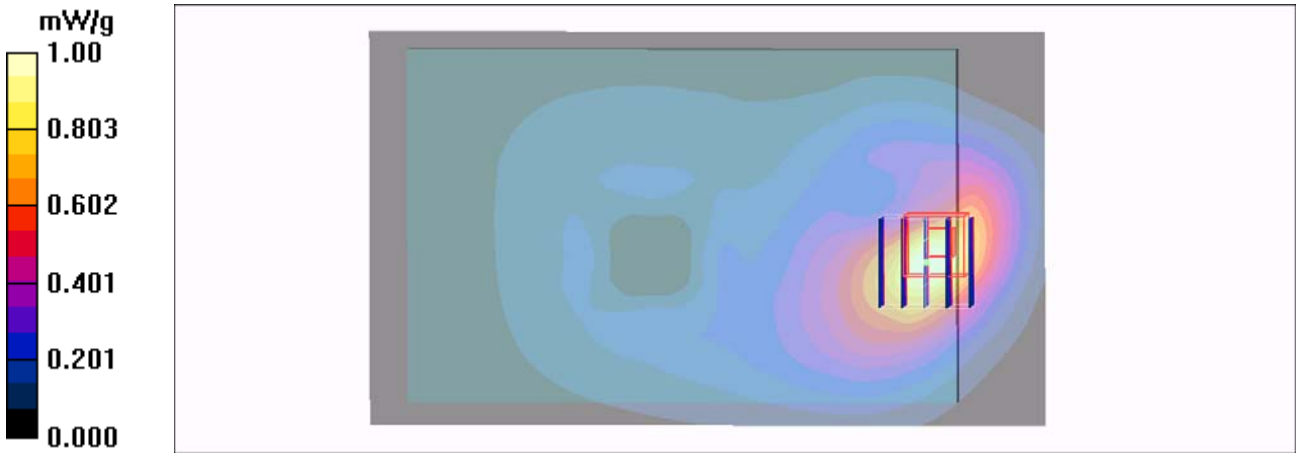
DUT: 112112

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110305 Medium parameters used : f = 836.4 MHz; σ = 0.966 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x121x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.00 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.557 mW/g
Maximum value of SAR (measured) = 0.916 mW/g



#49 GSM850_GPRS10_Bottom_1cm_Ch128_Sample1_Earphone1

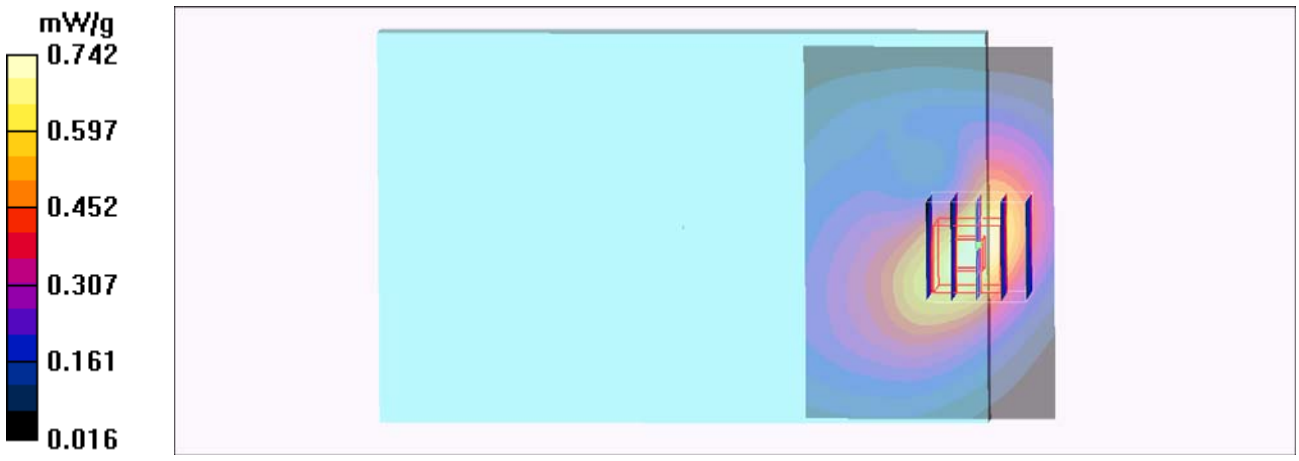
DUT: 112112

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110305 Medium parameters used : f = 824.2 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (61x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.742 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 0.728 mW/g



#50 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Earphone1

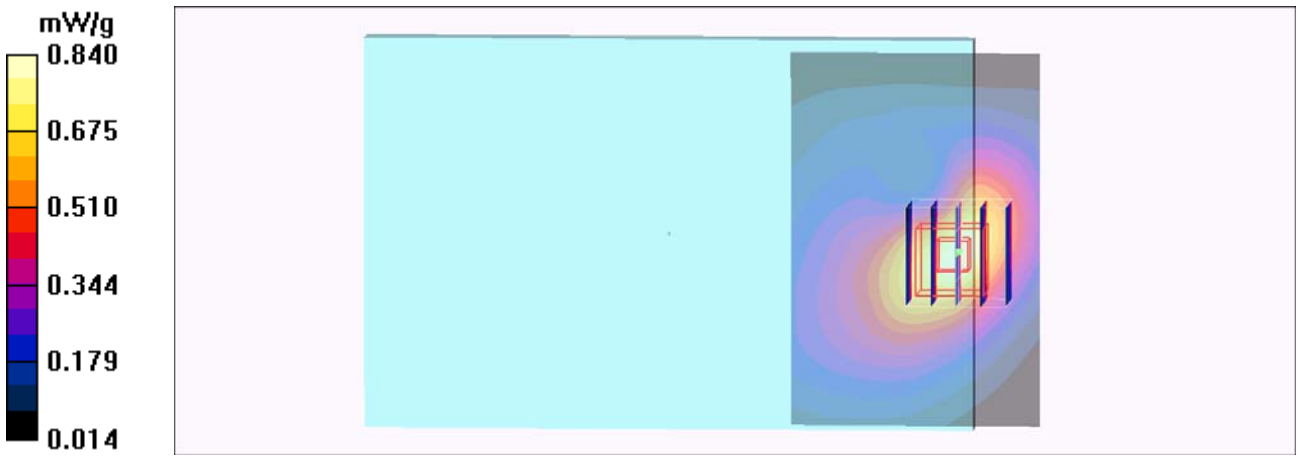
DUT: 112112

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110305 Medium parameters used: f = 849 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (61x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 0.846 mW/g



#50 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Earphone1_2D

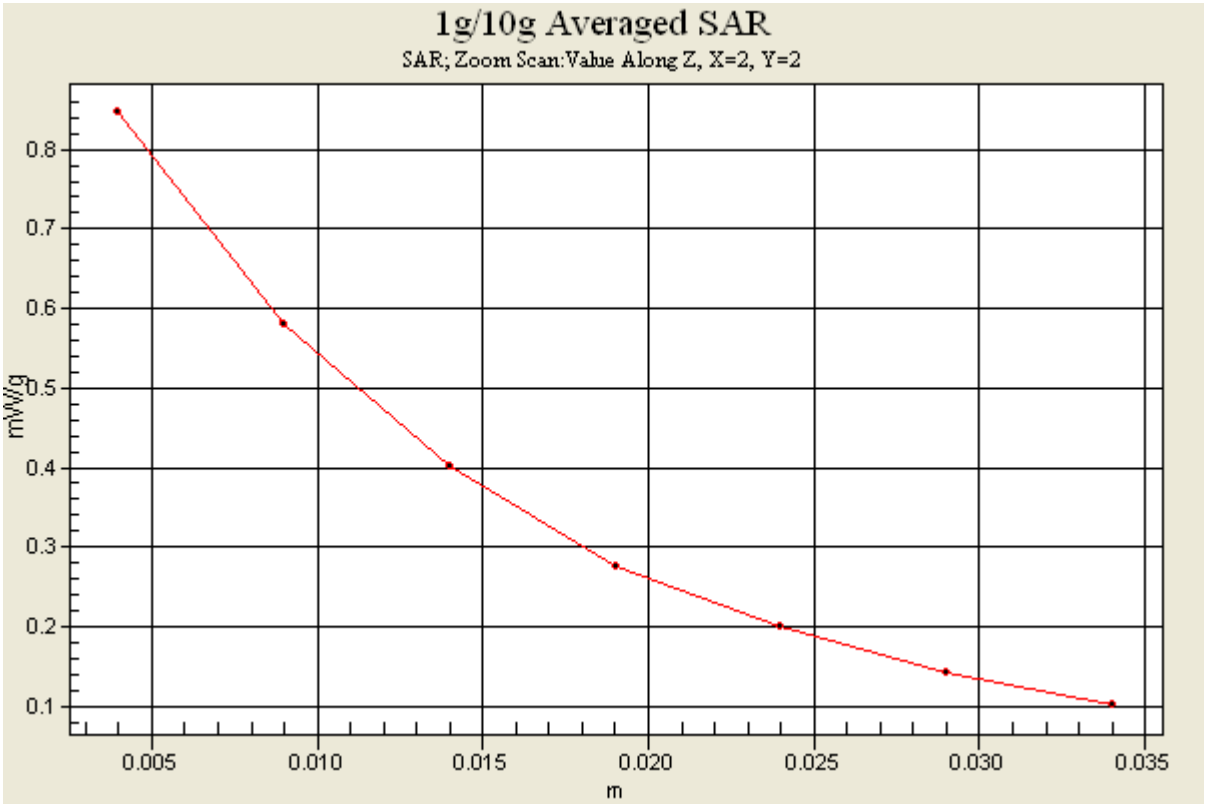
DUT: 112112

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110305 Medium parameters used: f = 849 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (61x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 0.846 mW/g



#44 GSM850_EDGE10_Bottom_1cm_Ch189_Sample1_Earphone1

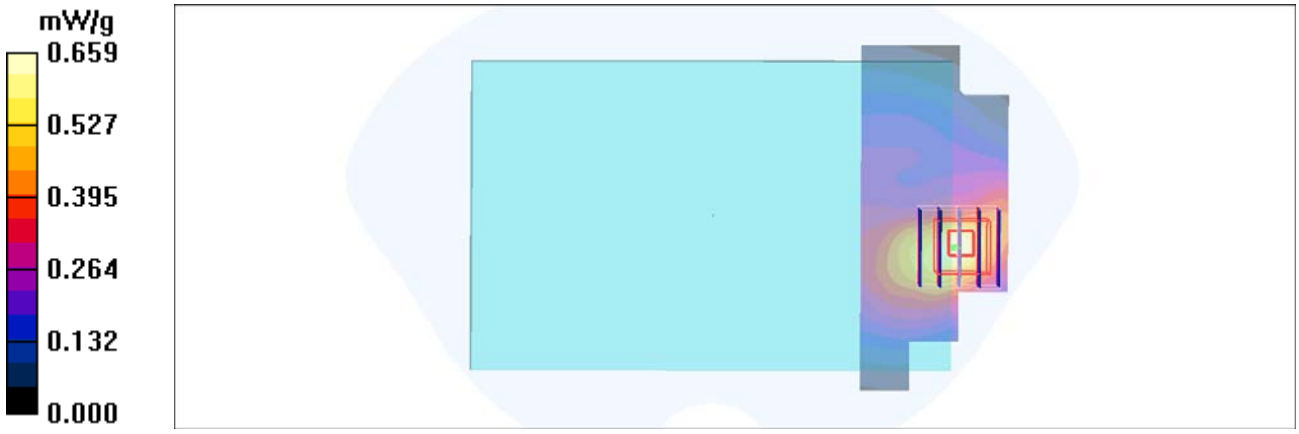
DUT: 112112

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110531 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (71x31x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.397 mW/g
Maximum value of SAR (measured) = 0.663 mW/g



#68 GSM1900_GPRS10_Rear Face_1cm_Ch661_Sample1_Earphone1

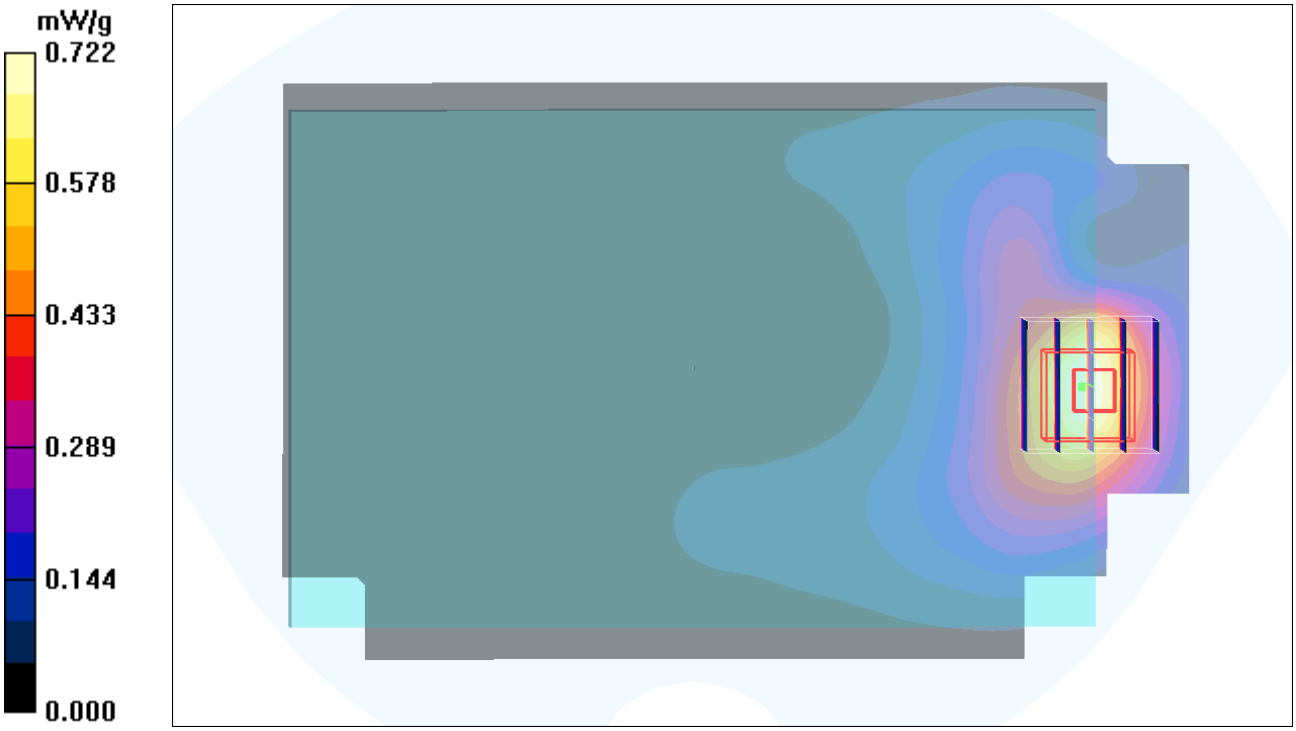
DUT: 112112

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110406 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.722 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.74 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.910 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.680 mW/g


mW/g
0.722
0.578
0.433
0.289
0.144
0.000

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/5

#37 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1413_Sample1_Earphone1

DUT: 112112

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110305 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (61x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.10 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.556 mW/g

#01 GSM850_GPRS10_Rear Face_0cm_Ch189_Sample1_Earphone1_Battery1

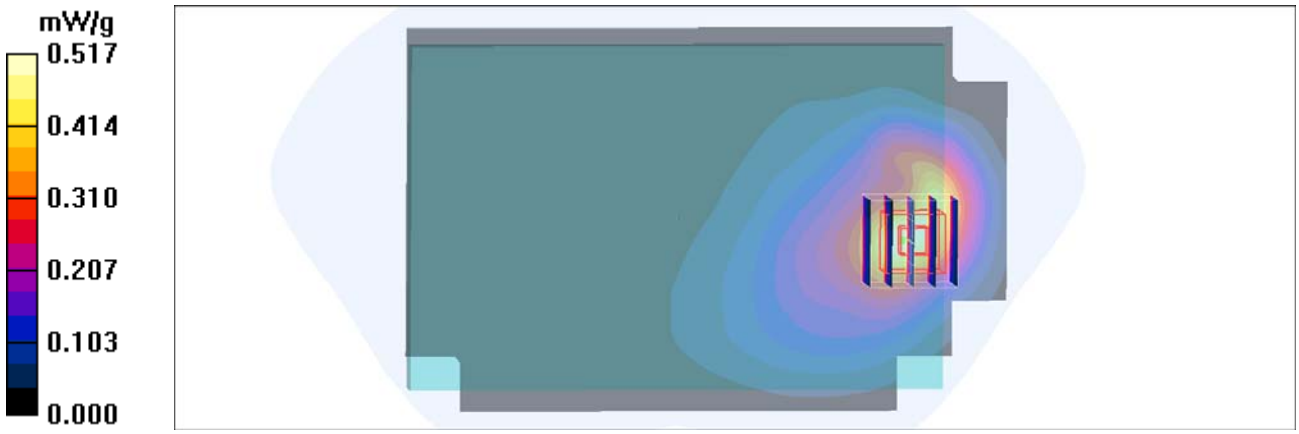
DUT: 112112

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110531 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.517 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.537 mW/g



#01 GSM850_GPRS10_Rear Face_0cm_Ch189_Sample1_Earphone1_Battery1_2D

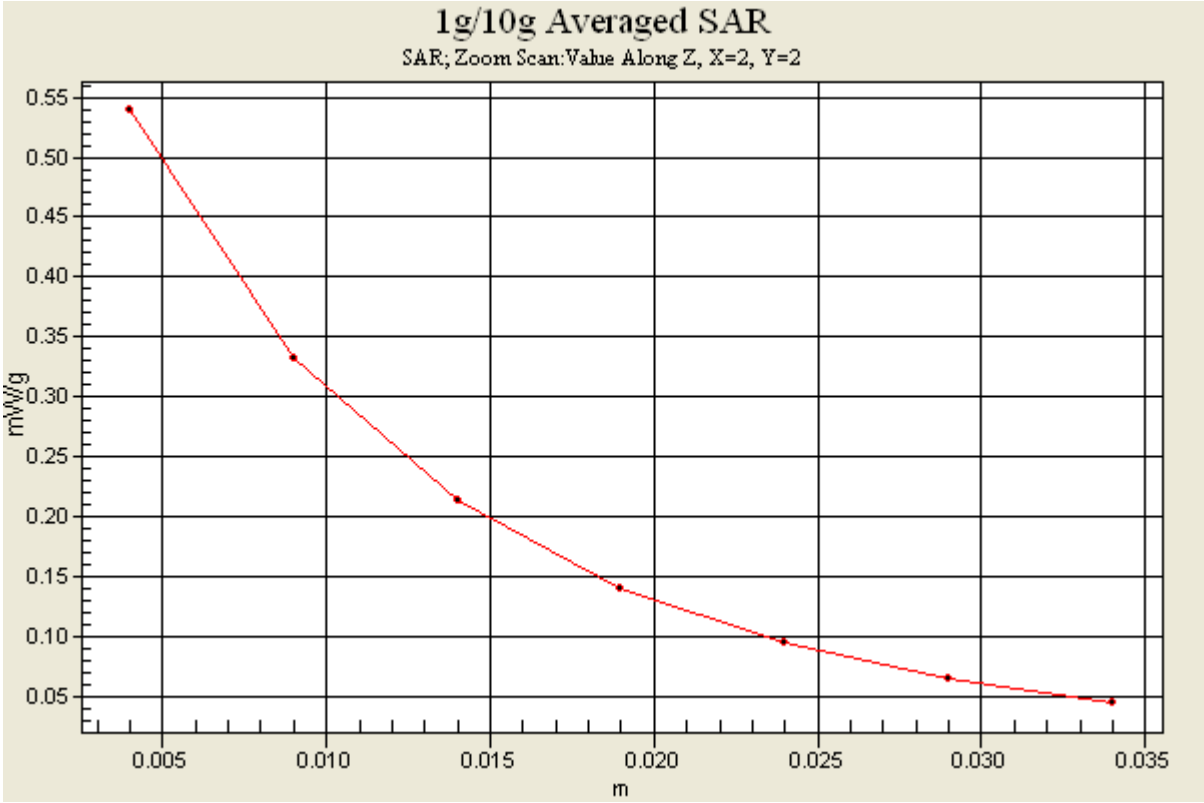
DUT: 112112

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110531 Medium parameters used: f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.517 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.537 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#02 GSM1900_GPRS10_Rear Face_0cm_Ch661_Sample1_Earphone1_Battery1

DUT: 112112

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110531 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010/6/22
- 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

Ch661/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.092 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.542 mW/g

#02 GSM1900_GPRS10_Rear Face_0cm_Ch661_Sample1_Earphone1_Battery1_2D

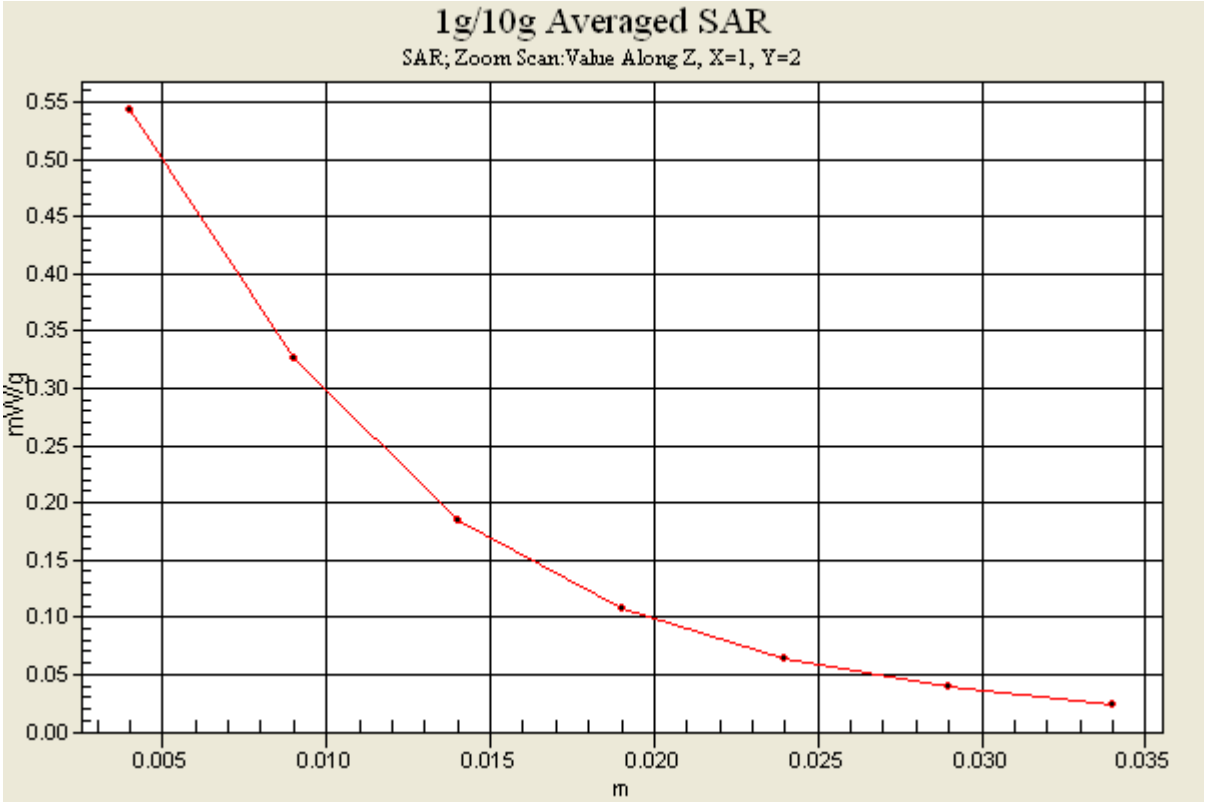
DUT: 112112

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110531 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010/6/22
- 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

Ch661/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.092 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.542 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#03 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1413_Sample1_Earphone1_Battery1

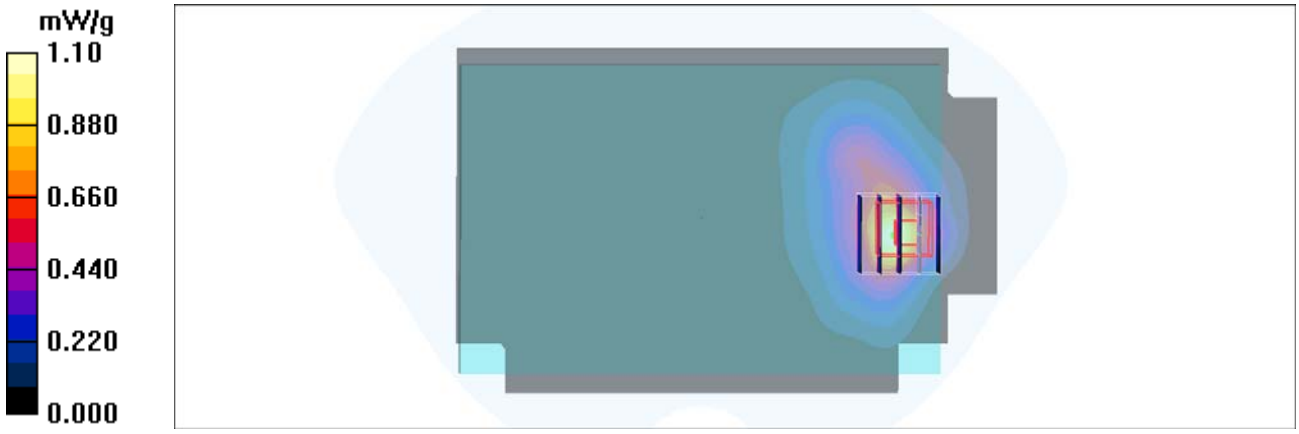
DUT: 112112

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110531 Medium parameters used: f = 1733 MHz; σ = 1.5 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.52, 4.52, 4.52); Calibrated: 2010/6/22
- 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

Ch1413/Area Scan (71x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.19 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#04 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1312_Sample1_Earphone1_Battery1

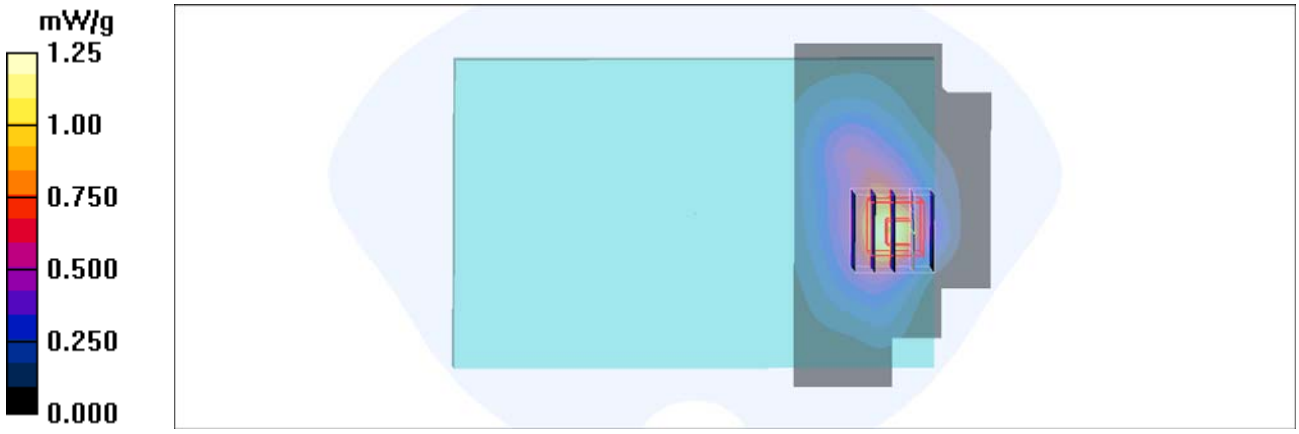
DUT: 112112

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110531 Medium parameters used : f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.52, 4.52, 4.52); Calibrated: 2010/6/22
- 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

Ch1312/Area Scan (71x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.05 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#05 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1513_Sample1_Earphone1_Battery1

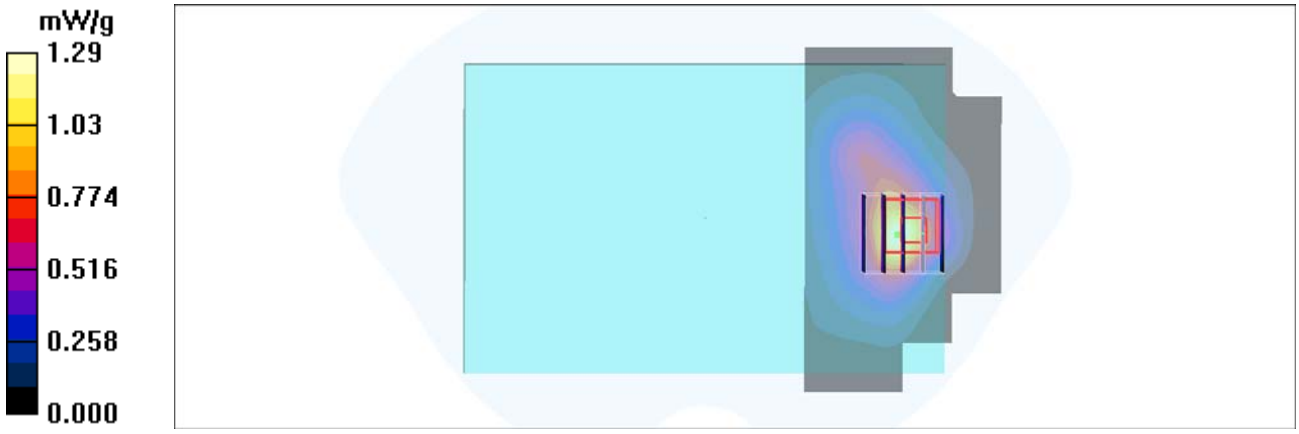
DUT: 112112

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110531 Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.52, 4.52, 4.52); Calibrated: 2010/6/22
- 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

Ch1513/Area Scan (71x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.56 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#05 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1513_Sample1_Earphone1_Battery1_2D

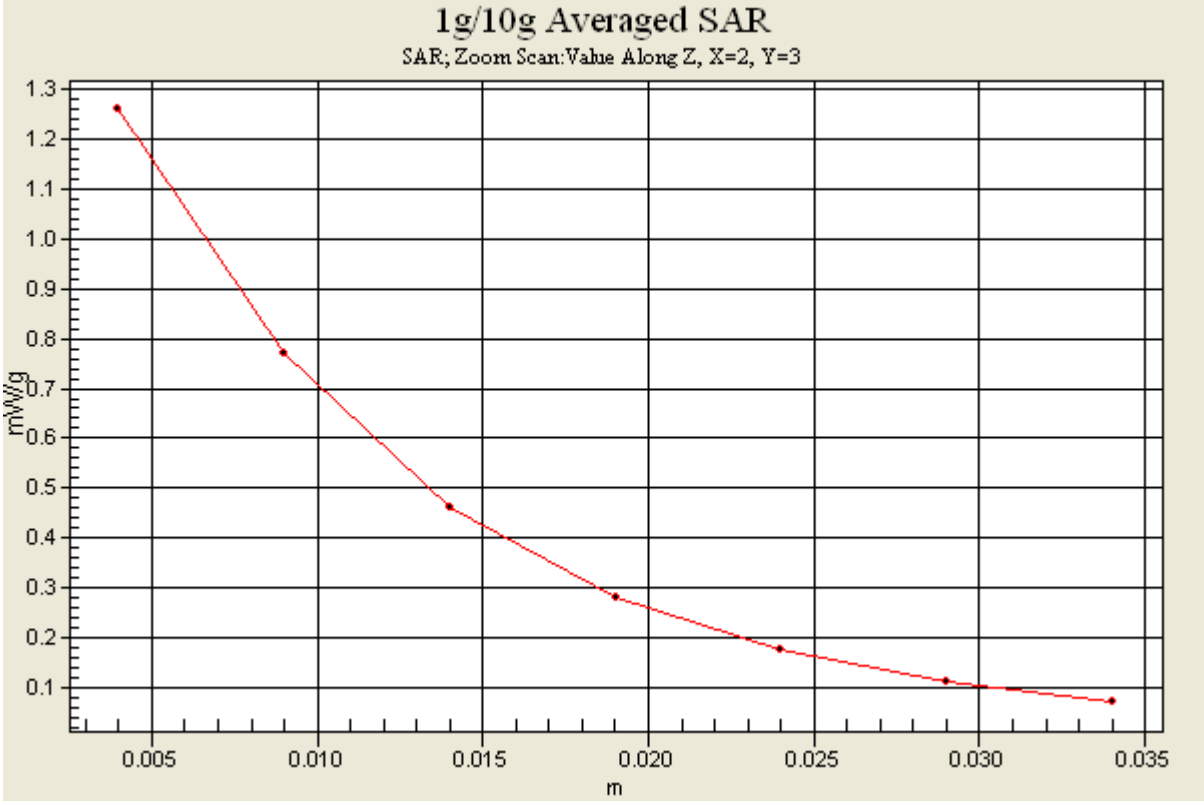
DUT: 112112

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110531 Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.52, 4.52, 4.52); Calibrated: 2010/6/22
- 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

Ch1513/Area Scan (71x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.56 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/29

#12 GSM850_GPRS10_Left Side_0cm_Ch189_Sample1

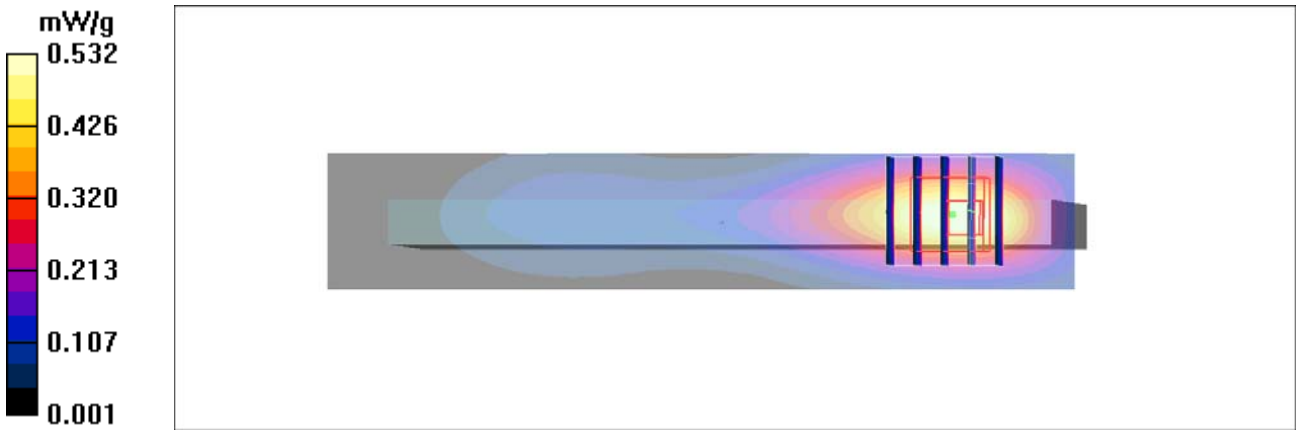
DUT: 112112

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110531 Medium parameters used: f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (21x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.532 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.505 mW/g



#63 GSM1900_GPRS10_Left Side_0cm_Ch661_Sample1

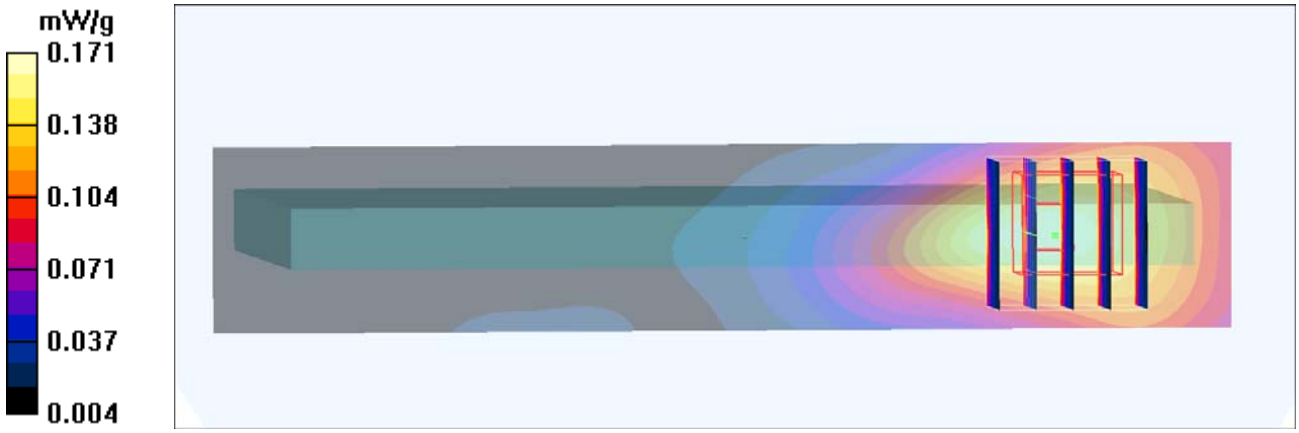
DUT: 112112

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_20110531 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010/6/22
- 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

Ch661/Area Scan (21x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.68 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/31

#20 WCDMA IV_RMC 12.2K_Left Side_0cm_Ch1413_Sample1

DUT: 112112

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110531 Medium parameters used: f = 1733 MHz; σ = 1.5 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.52, 4.52, 4.52); Calibrated: 2010/6/22
- 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

Ch1413/Area Scan (21x111x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.052 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.58 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.054 mW/g