Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/3/2010

#13 GSM850_Right Cheek_Ch128

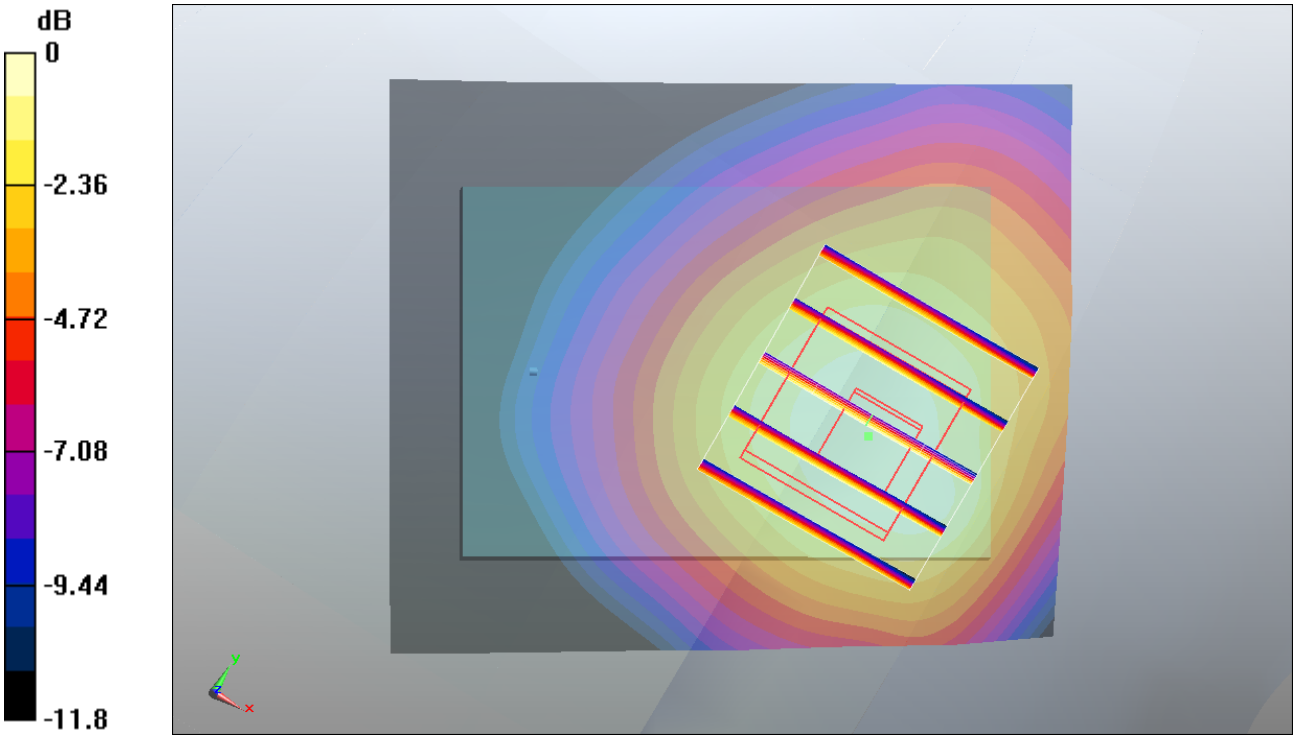
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100903 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.694 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.83 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.711mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/3/2010

#14 GSM850_Right Tilted_Ch128

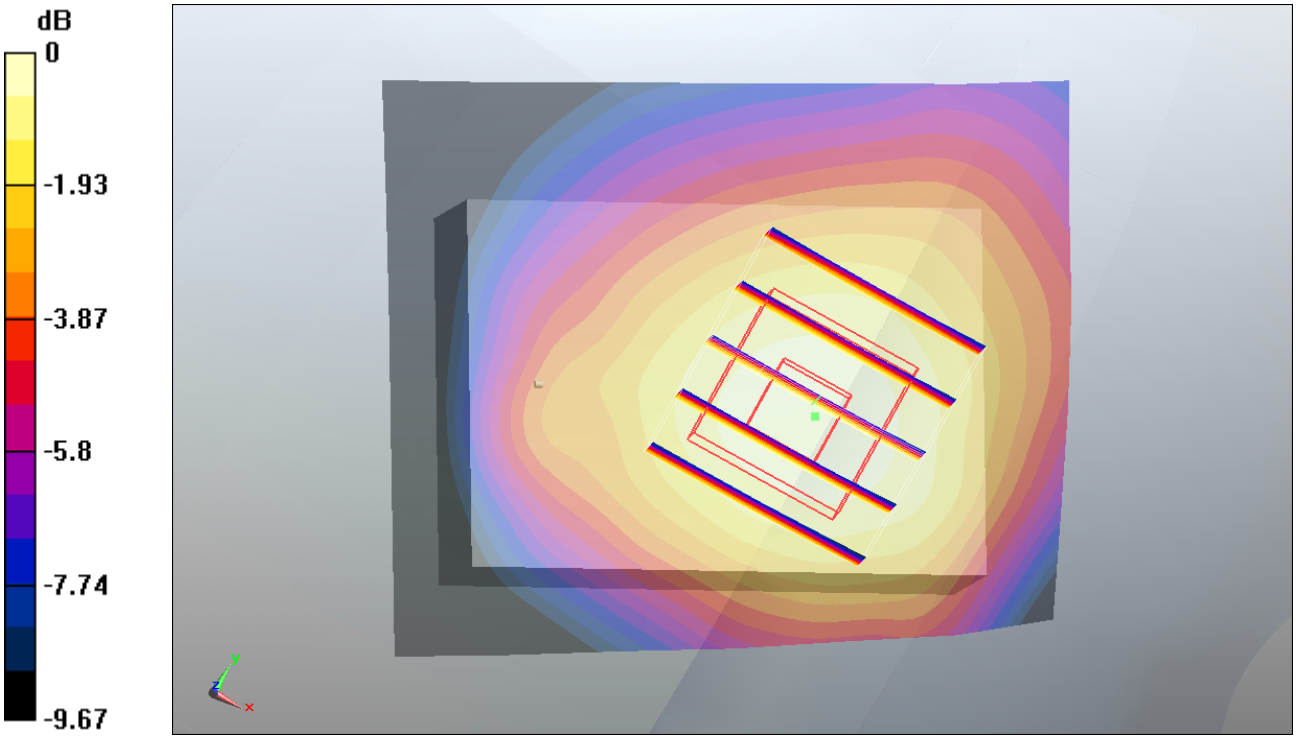
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100903 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.323 mW/g



0 dB = 0.323mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/3/2010

#15 GSM850_Left Cheek_Ch128

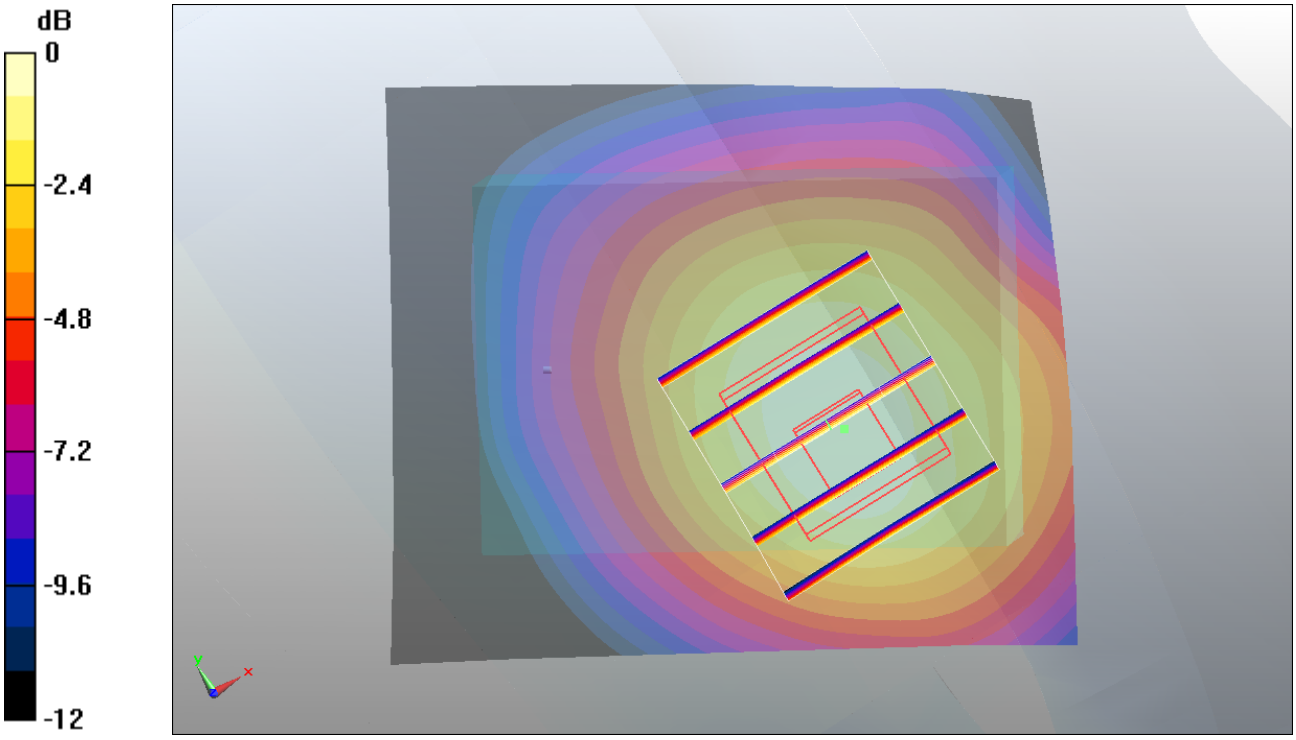
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100903 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.953 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.2 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.982mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/3/2010

#15 GSM850_Left Cheek_Ch128_2D

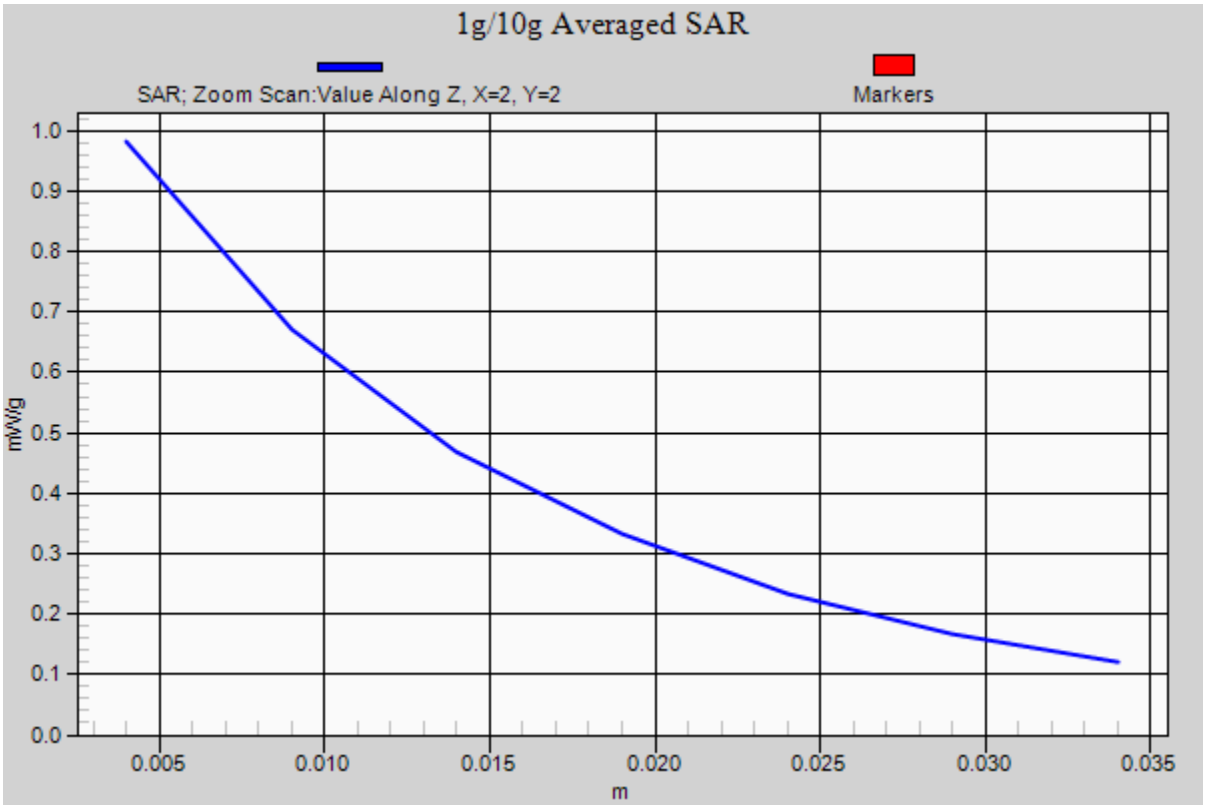
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100903 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.953 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.2 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 0.982 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/3/2010

#16 GSM850_Left Tilted_Ch128

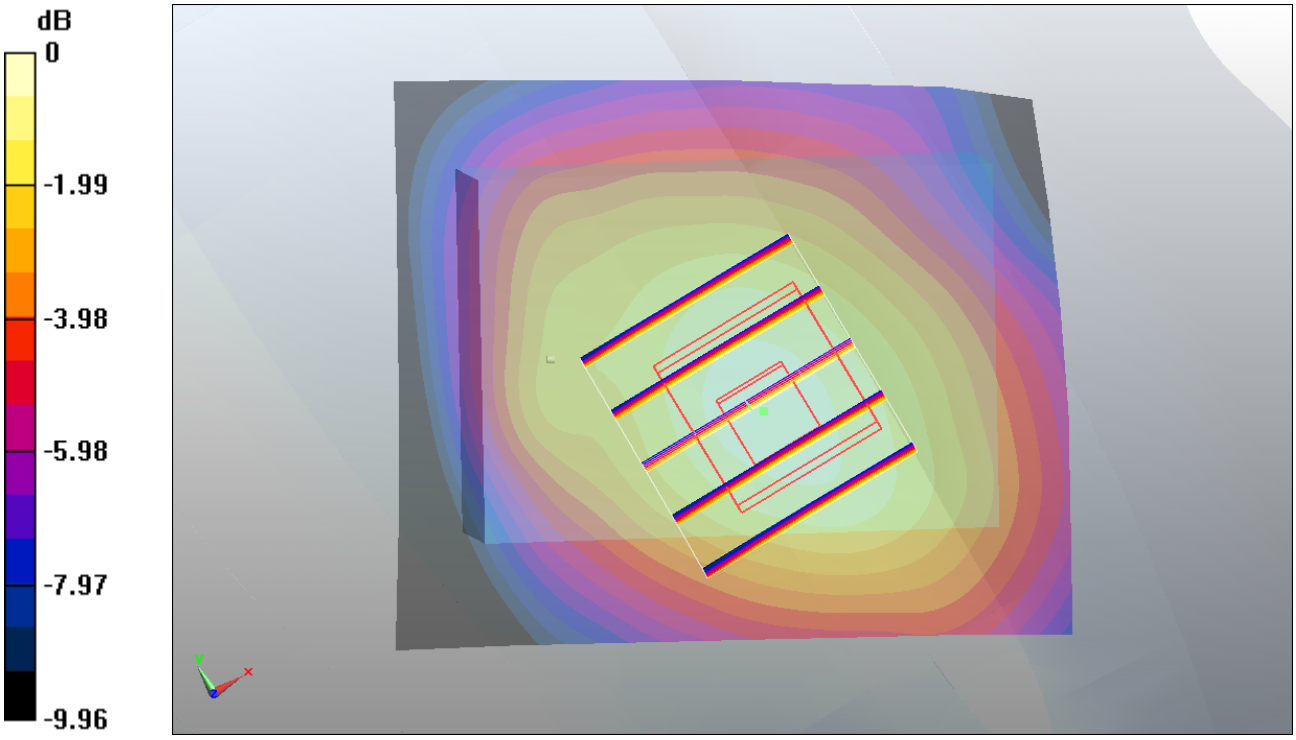
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100903 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#03 GSM1900_Right Cheek_Ch661

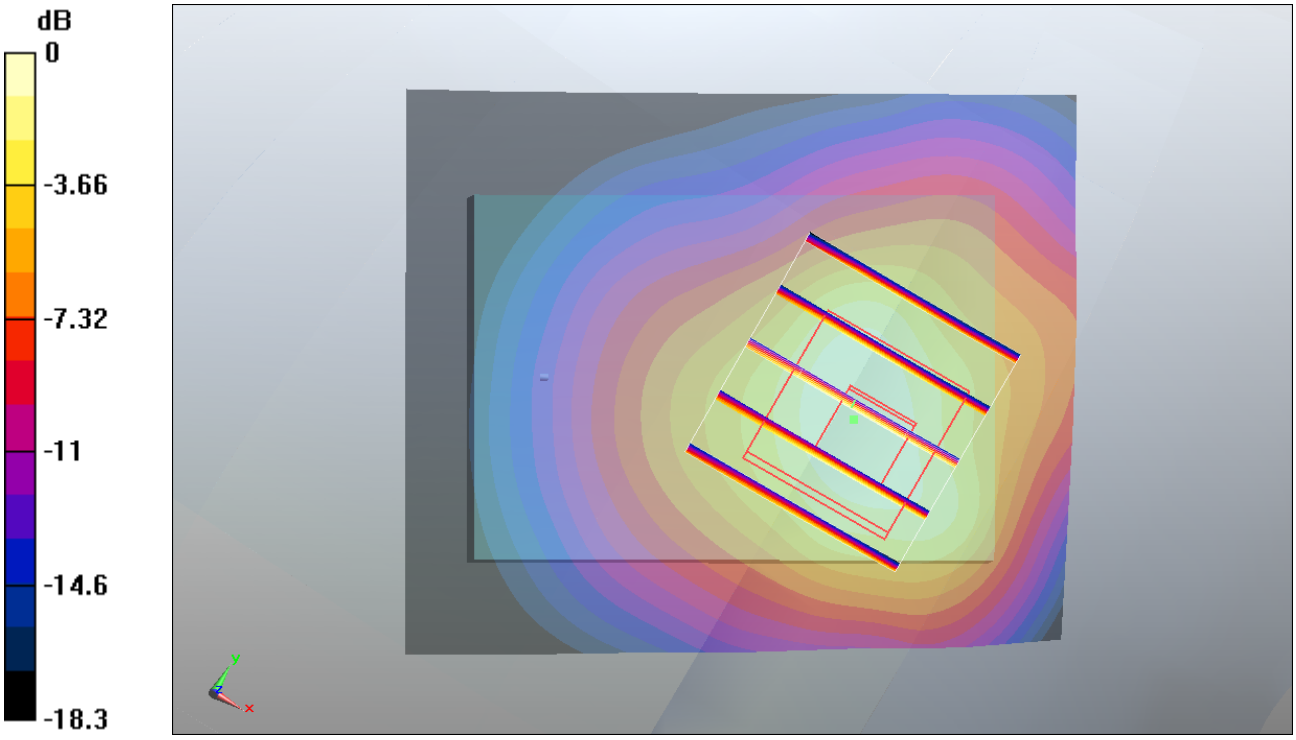
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.7 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
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 = 8.57 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#04 GSM1900_Right Tilted_Ch661

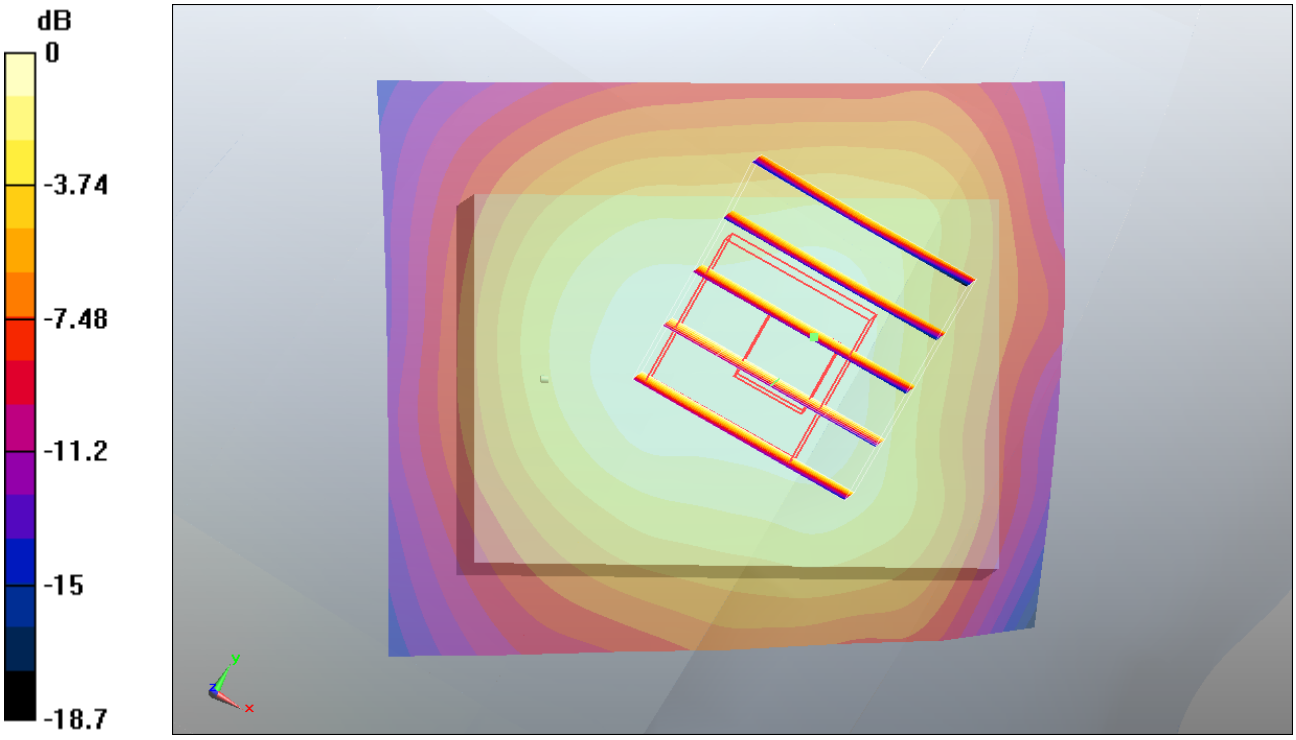
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.7 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.288mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#05 GSM1900_Left Cheek_Ch661

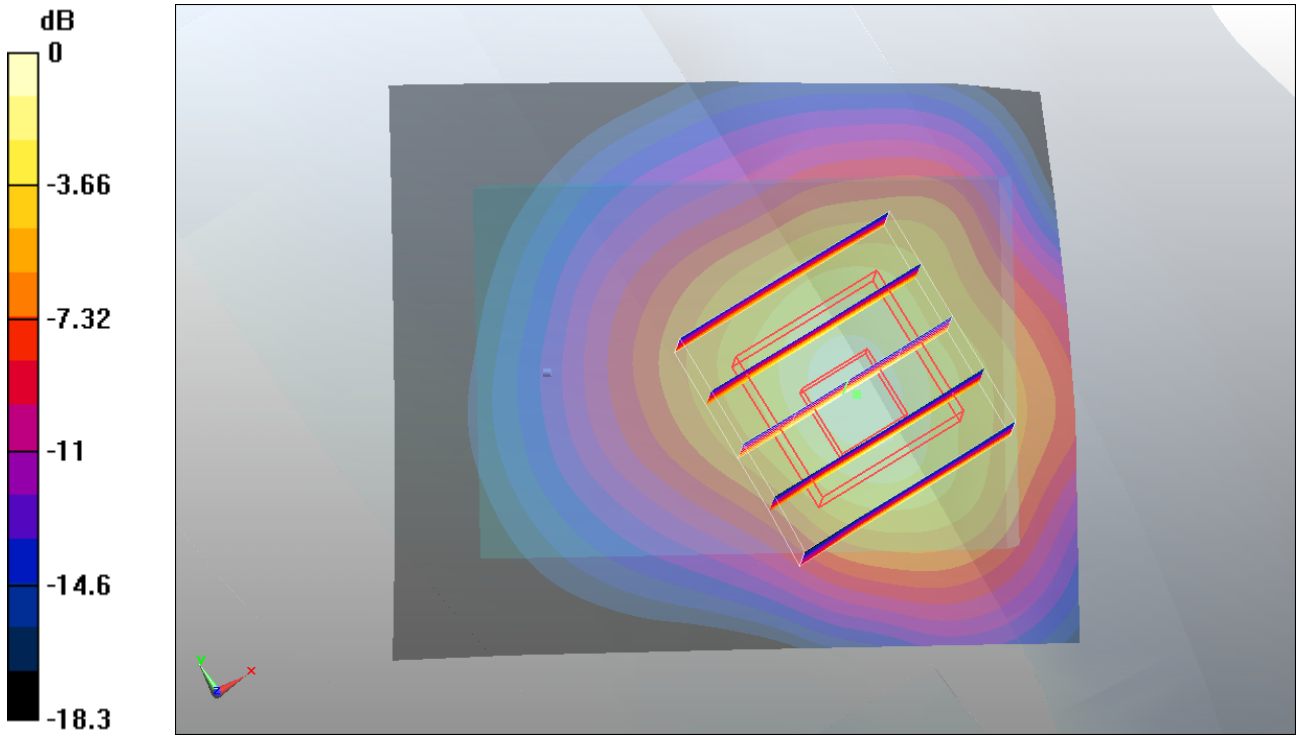
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.7 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.5 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.682 mW/g
Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#05 GSM1900_Left Cheek_Ch661_2D

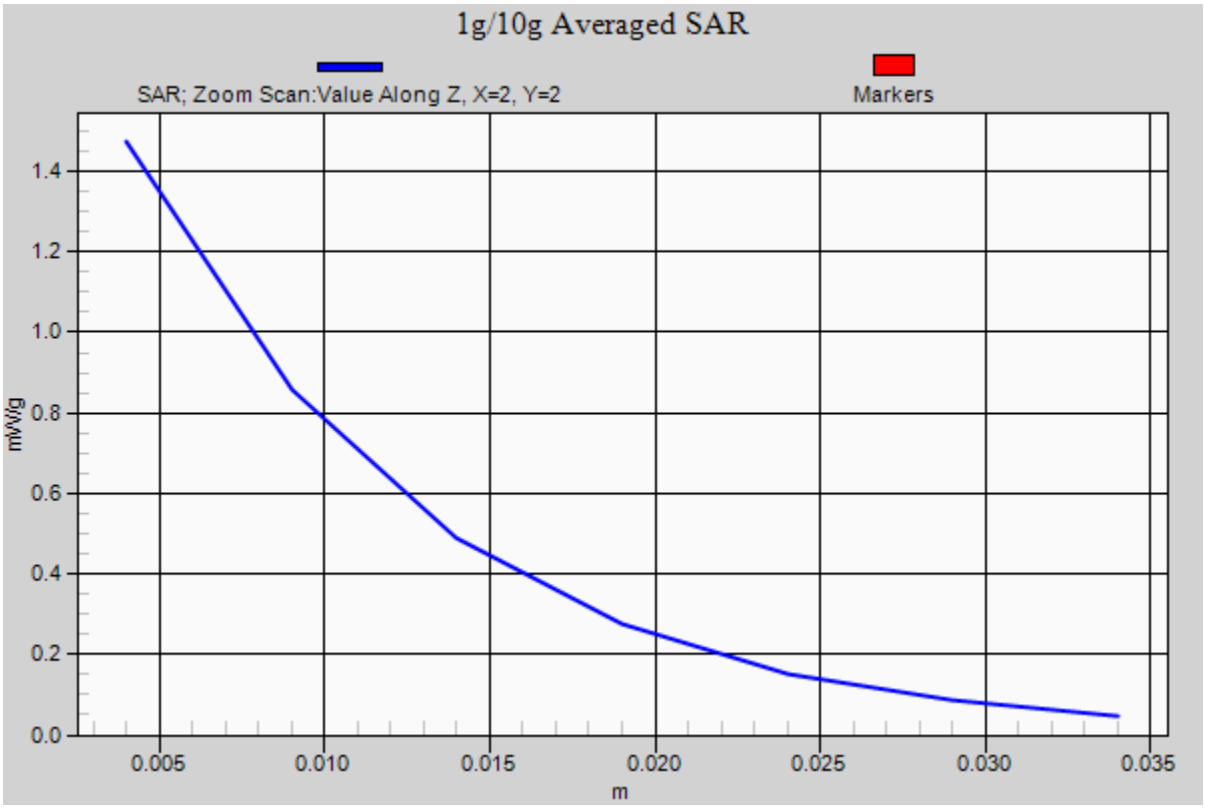
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.7 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.5 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.682 mW/g
Maximum value of SAR (measured) = 1.47 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#06 GSM1900_Left Tilted_Ch661

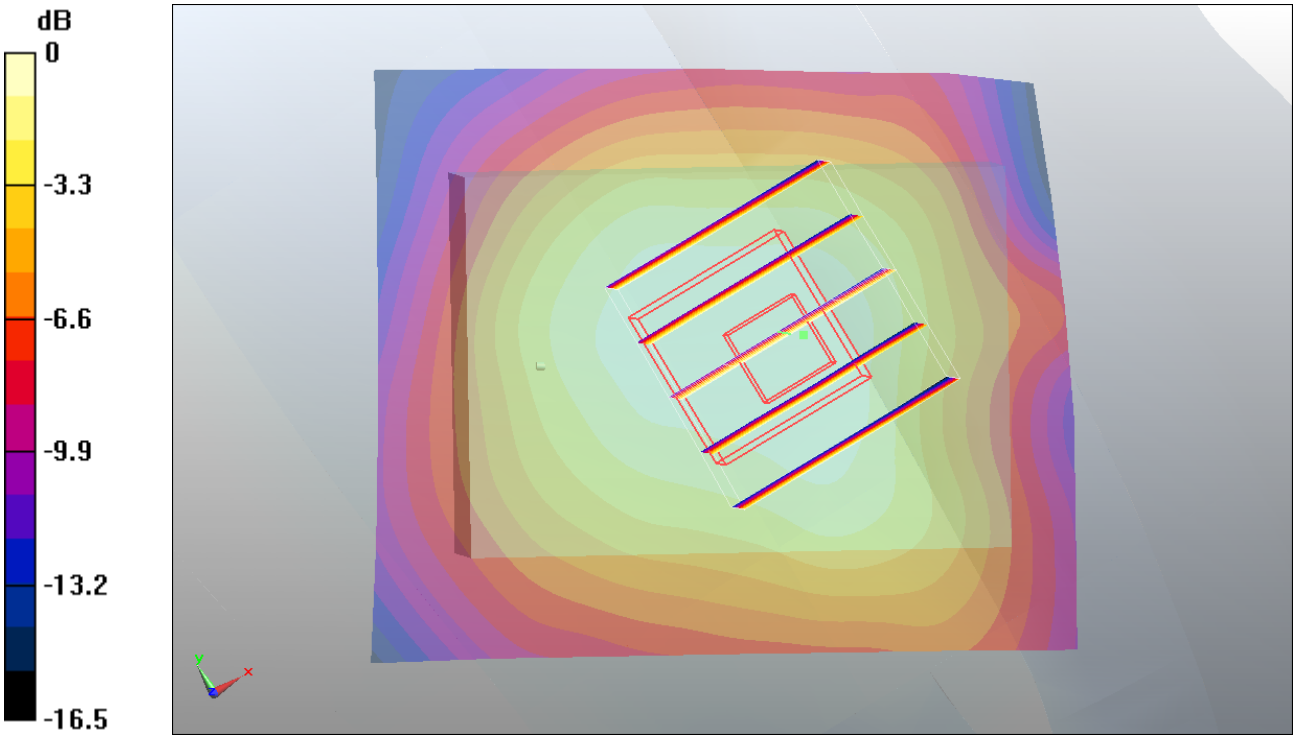
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.7 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.04 V/m; Power Drift = -0.00275 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#01 GSM850_Bottom_1.5cm_Ch128

DUT: 070106

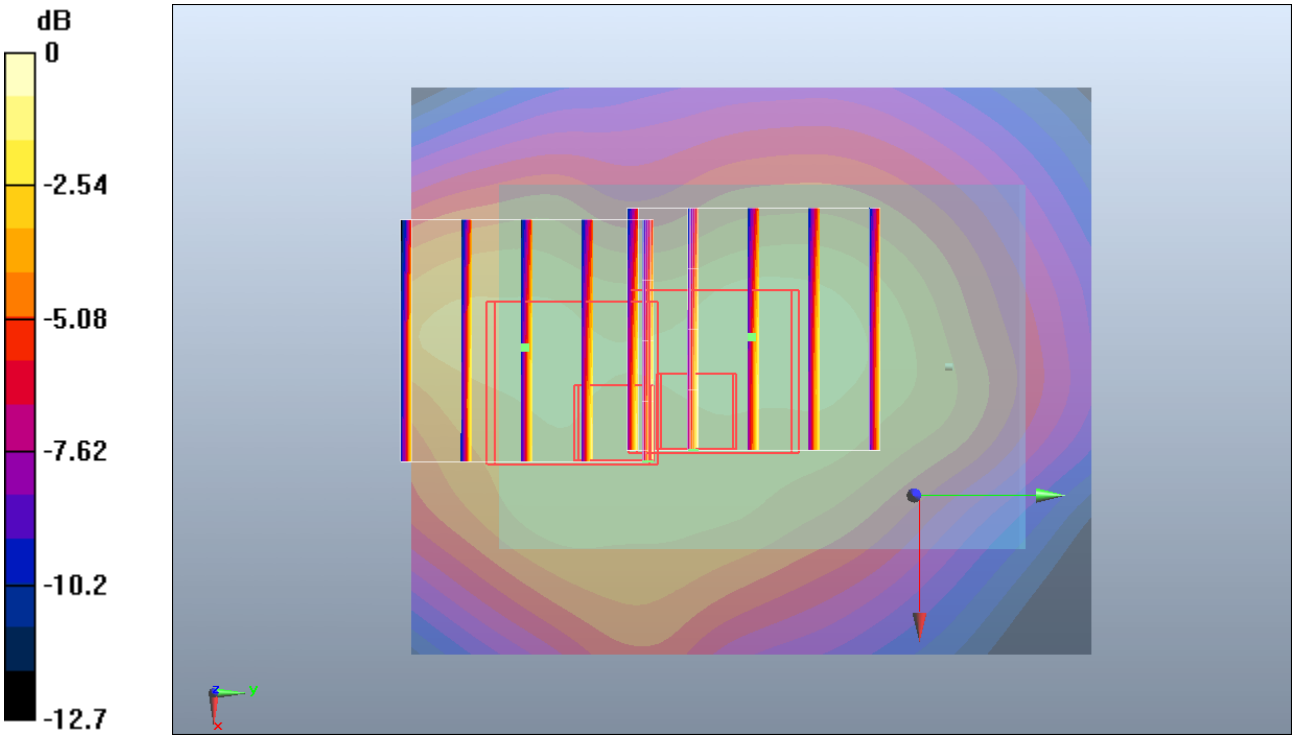
Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_100902 Medium parameters used: f = 824.2 MHz; σ = 0.961 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.4 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 0.361 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.360mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#01 GSM850_Bottom_1.5cm_Ch128_2D

DUT: 070106

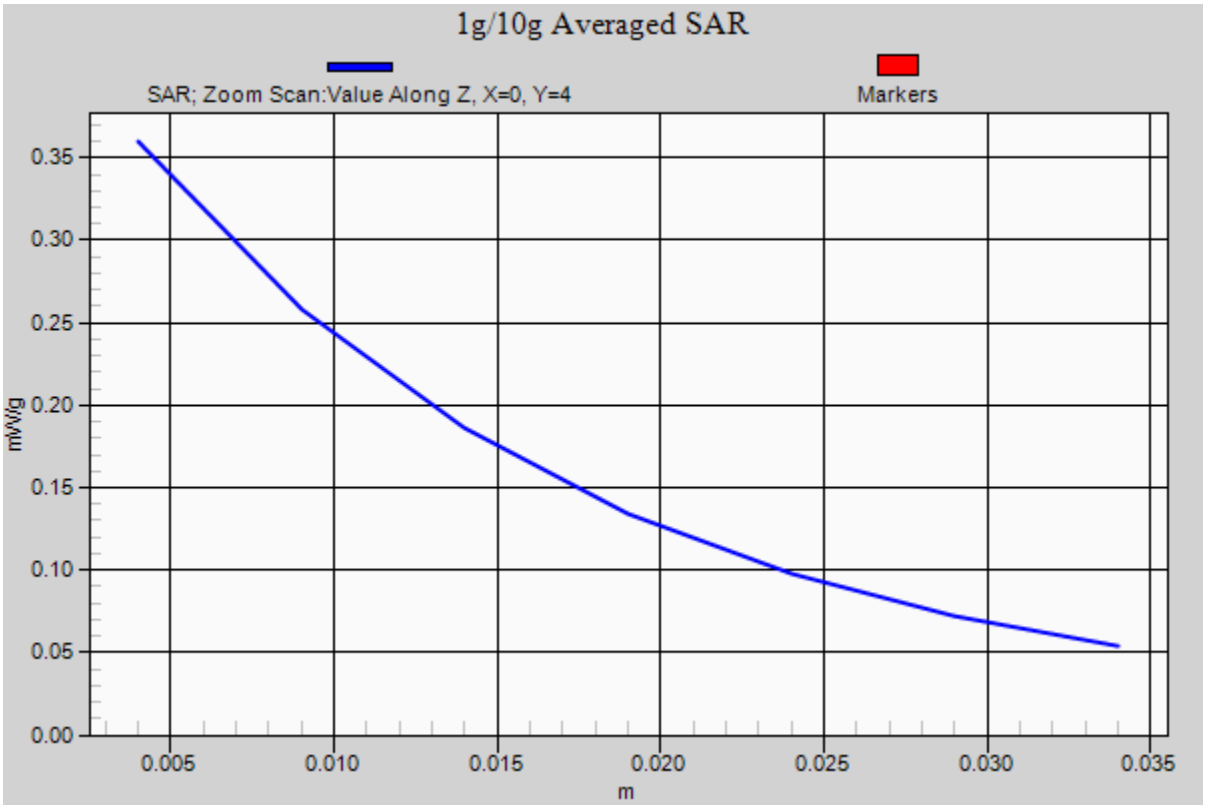
Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_100902 Medium parameters used: f = 824.2 MHz; σ = 0.961 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.4 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 0.361 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.360 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=0, Y=4
Markers
0.35
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
0.035
m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#02 GSM850_Face_1.5cm_Ch128

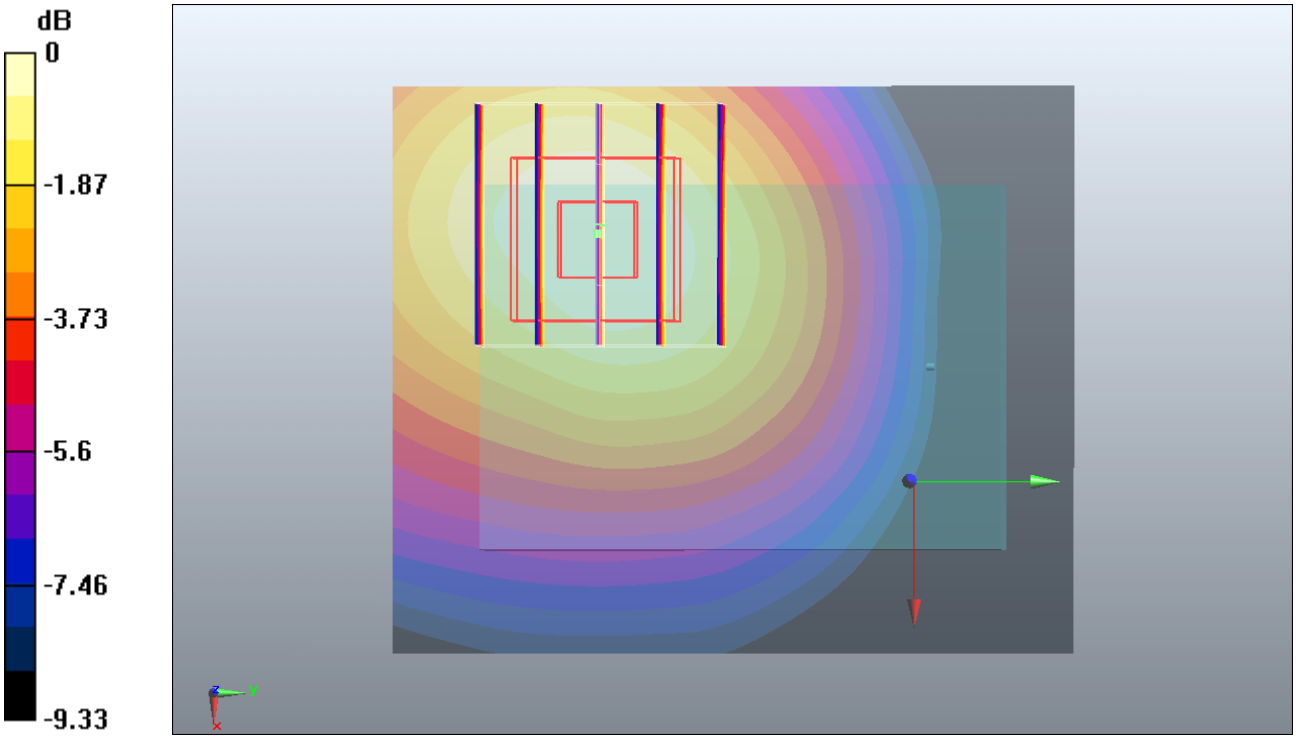
DUT: 070106

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_100902 Medium parameters used: f = 824.2 MHz; σ = 0.961 mho/m; ε_r = 56.1; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.4 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.41 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#11 GSM1900_Bottom_1.5cm_Ch661

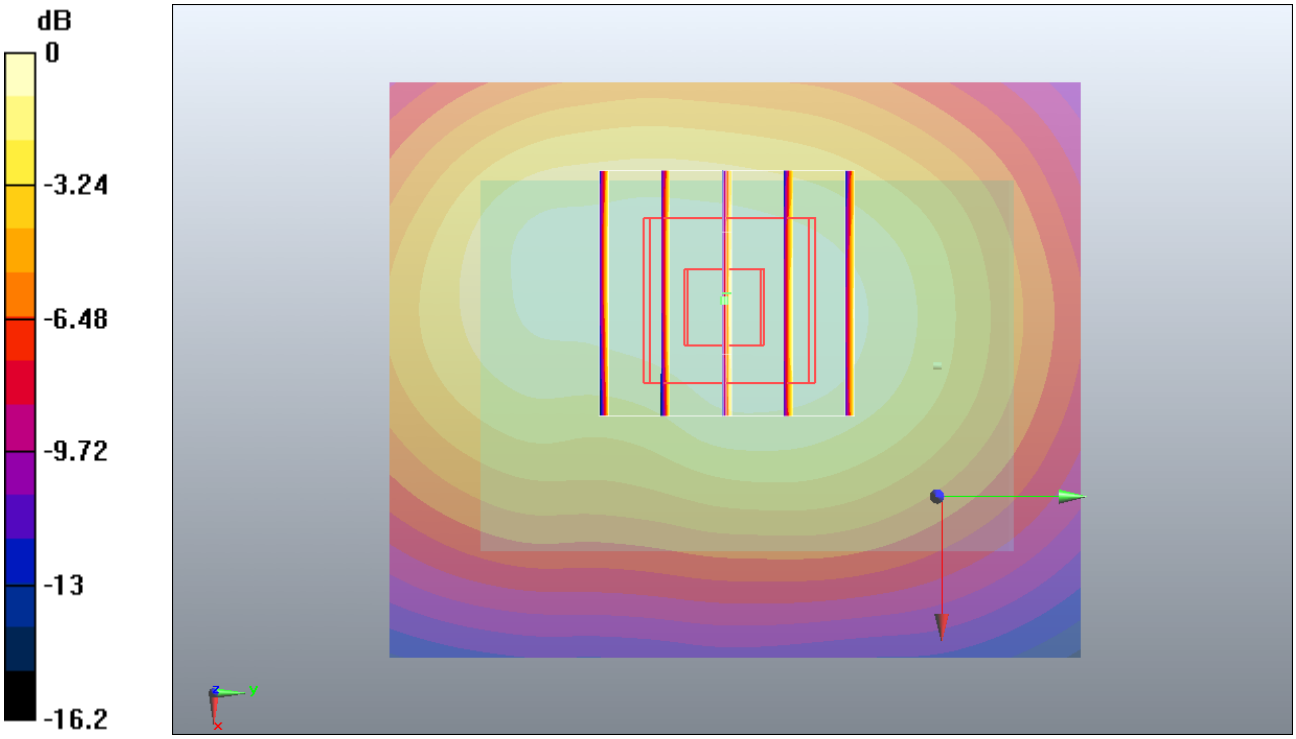
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.283 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.57 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#11 GSM1900_Bottom_1.5cm_Ch661_2D

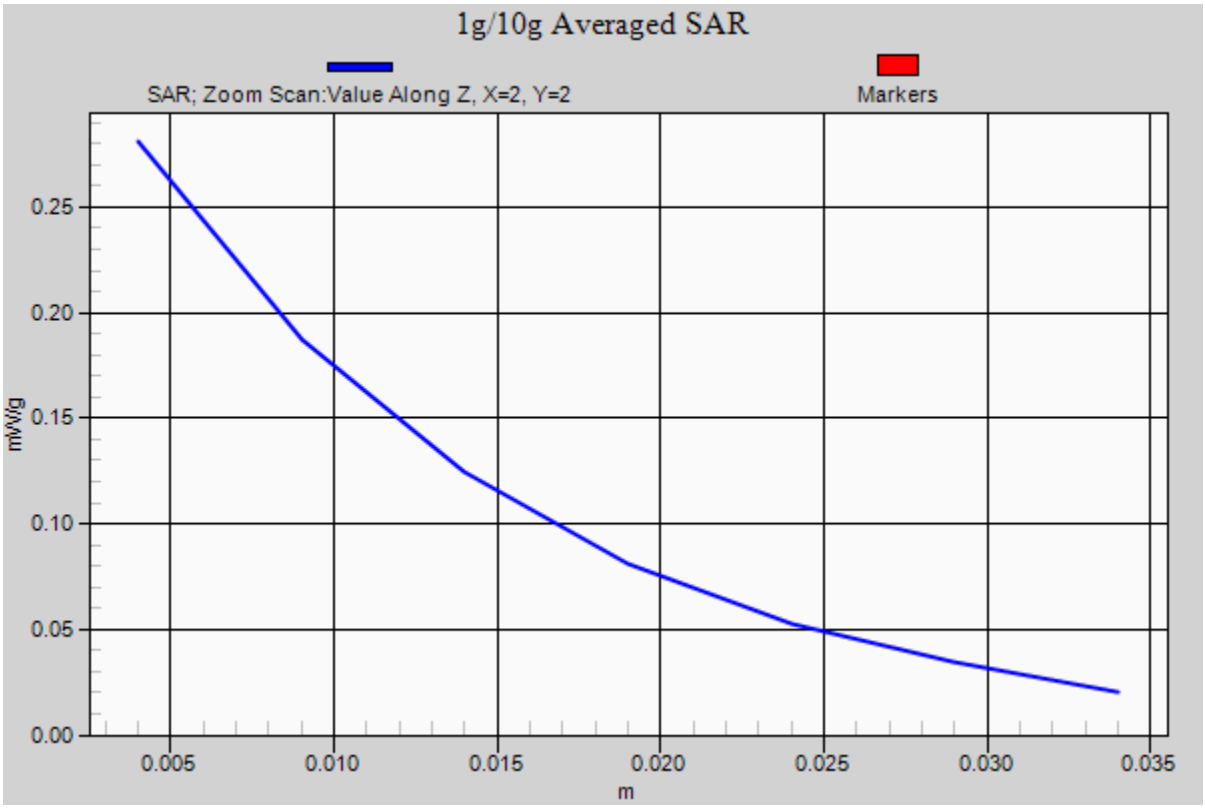
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.283 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.57 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.281 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
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
0.035
m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 9/2/2010

#12 GSM1900_Face_1.5cm_Ch661

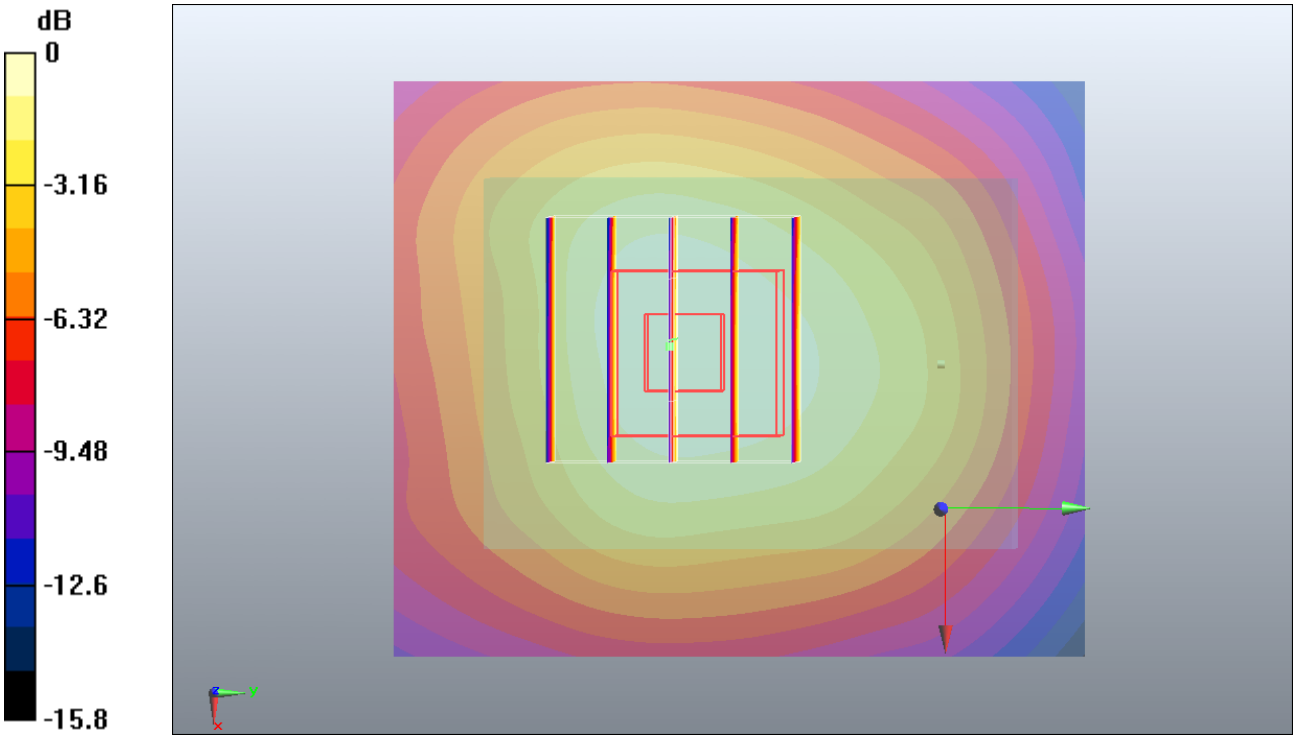
DUT: 070106

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100902 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 ˚C; Liquid Temperature : 21.5 ˚C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.194 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.47 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189mW/g