#06 GSM850_GPRS10_Face_1.5cm_Ch189

DUT: 971421

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_091028 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 53.4; ρ = 1000

kg/m^3
Ambient Temperature   22.4   ; Liquid Temperature   21.1

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.00506 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.157 mW/g
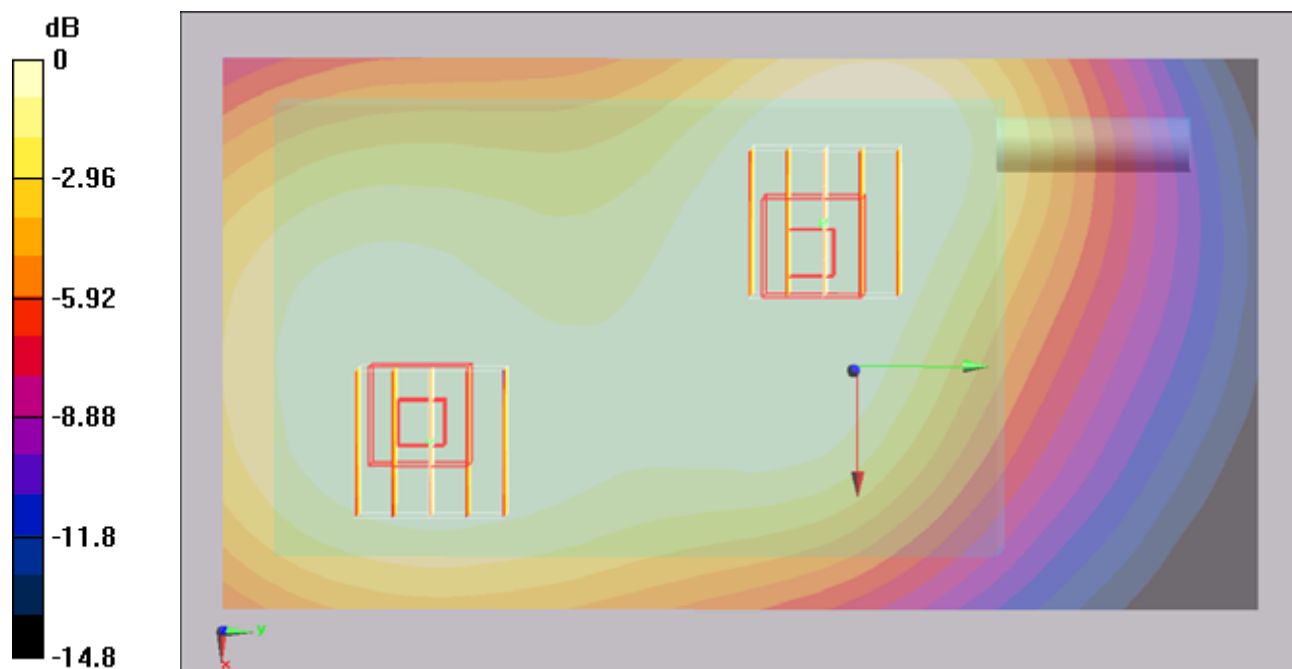Maximum value of SAR (measured) = 0.226 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.00506 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.190 mW/g

0 dB = 0.190mW/g

#05 GSM850_GPRS10_Bottom_1.5cm_Ch189

DUT: 971421

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_091028 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 53.4; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.176 mW/g
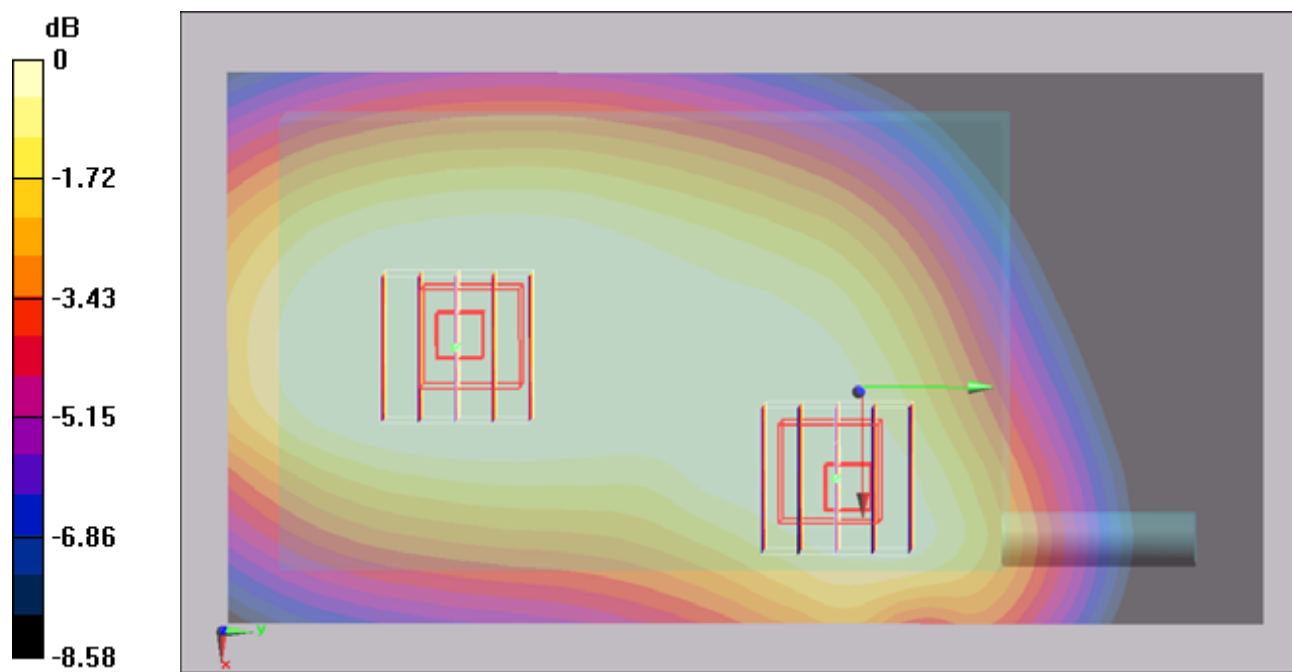Maximum value of SAR (measured) = 0.244 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

0 dB = 0.221mW/g

#05 GSM850_GPRS10_Bottom_1.5cm_Ch189_2D

DUT: 971421

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_091028 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 53.4; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.176 mW/g
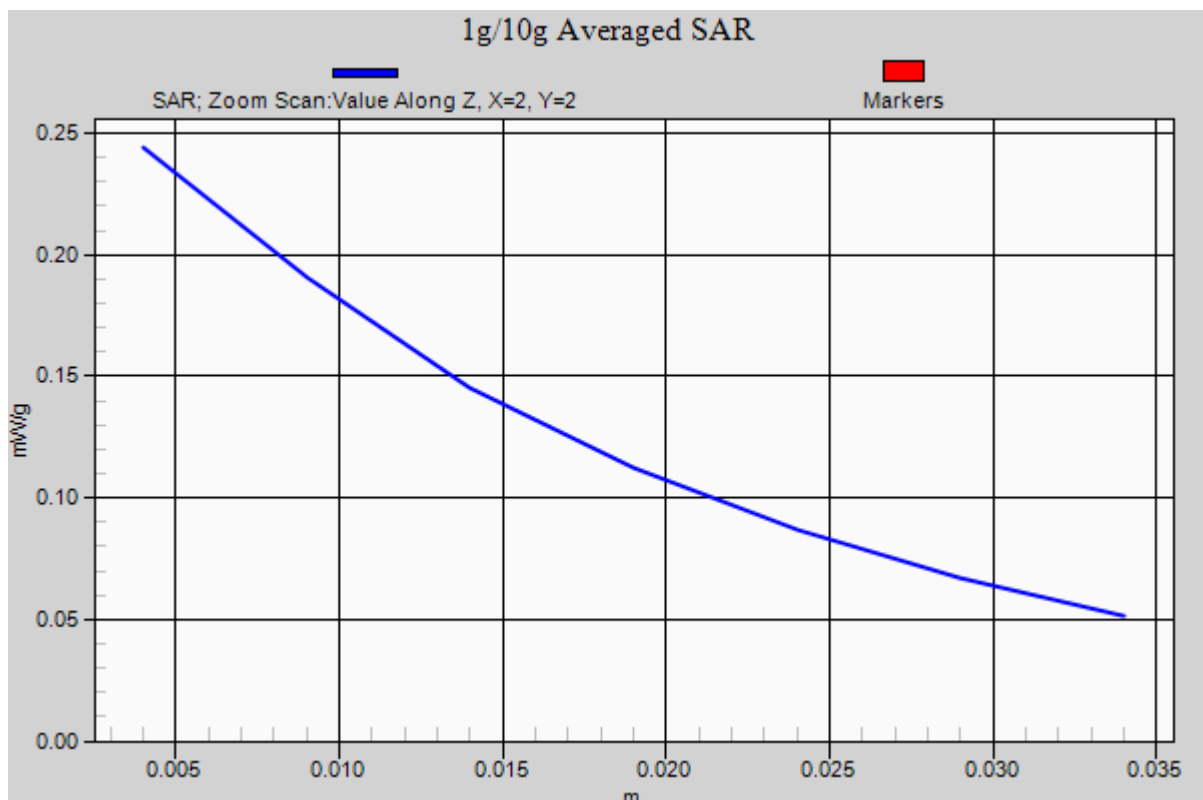Maximum value of SAR (measured) = 0.244 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

#04 GSM1900_GPRS10_Face_1.5cm_Ch810

DUT: 971421

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_091028 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 51.6; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.067 mW/g
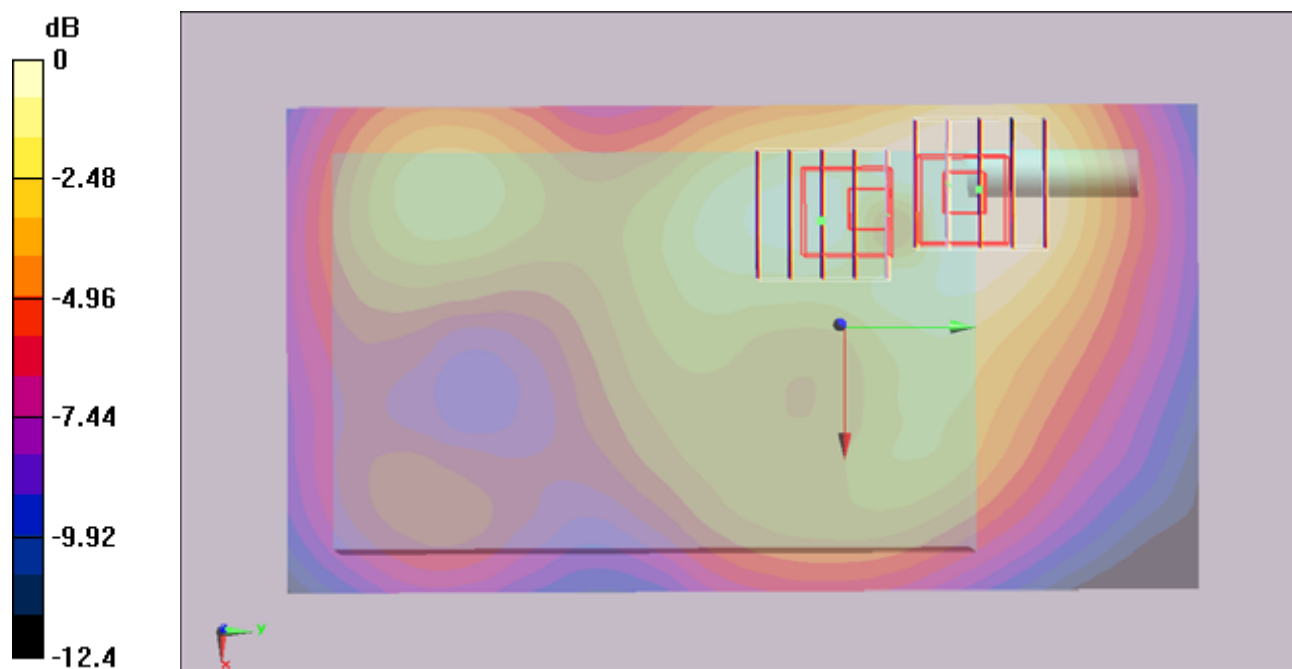Maximum value of SAR (measured) = 0.107 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

0 dB = 0.092mW/g

#04 GSM1900_GPRS10_Face_1.5cm_Ch810_2D

DUT: 971421

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_091028 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Ambient Temperature   22.5   ;   Liquid Temperature   22.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.067 mW/g
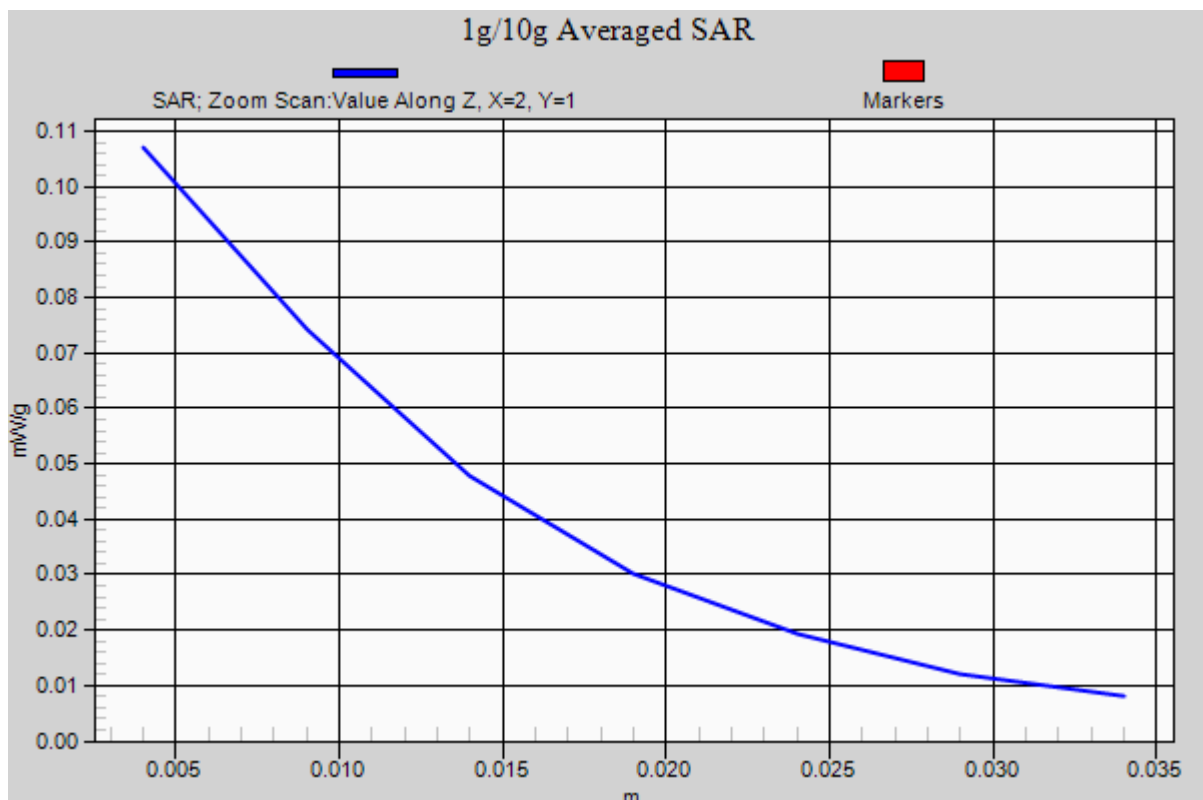Maximum value of SAR (measured) = 0.107 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.24 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

#01 GSM1900_GPRS10_Bottom_1.5cm_Ch661

DUT: 971421

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_091028 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.079 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.74 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.050 mW/g
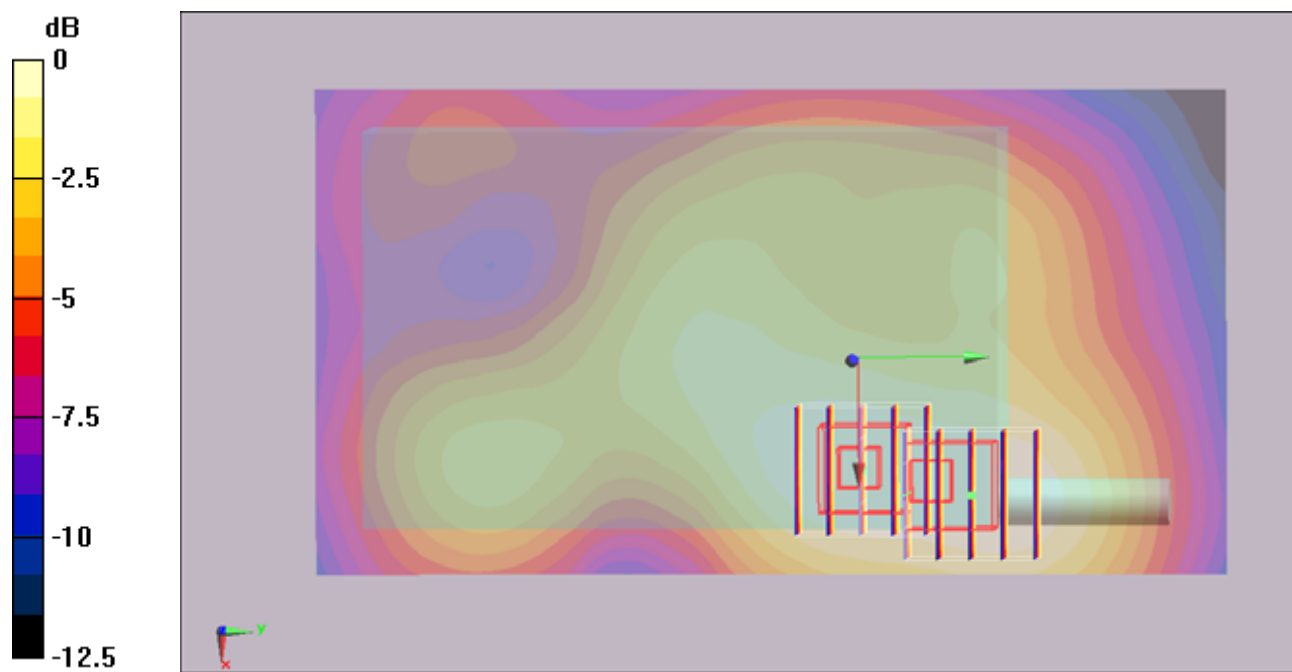Maximum value of SAR (measured) = 0.080 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.74 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.095 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.075 mW/g

0 dB = 0.075mW/g

#09 WCDMA V_RMC12.2K_Face_1.5cm_Ch4182

DUT: 971421

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_091029 Medium parameters used: f = 836.4 MHz; σ = 0.98 mho/m; ε_r = 53.3; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4182/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.102 mW/g
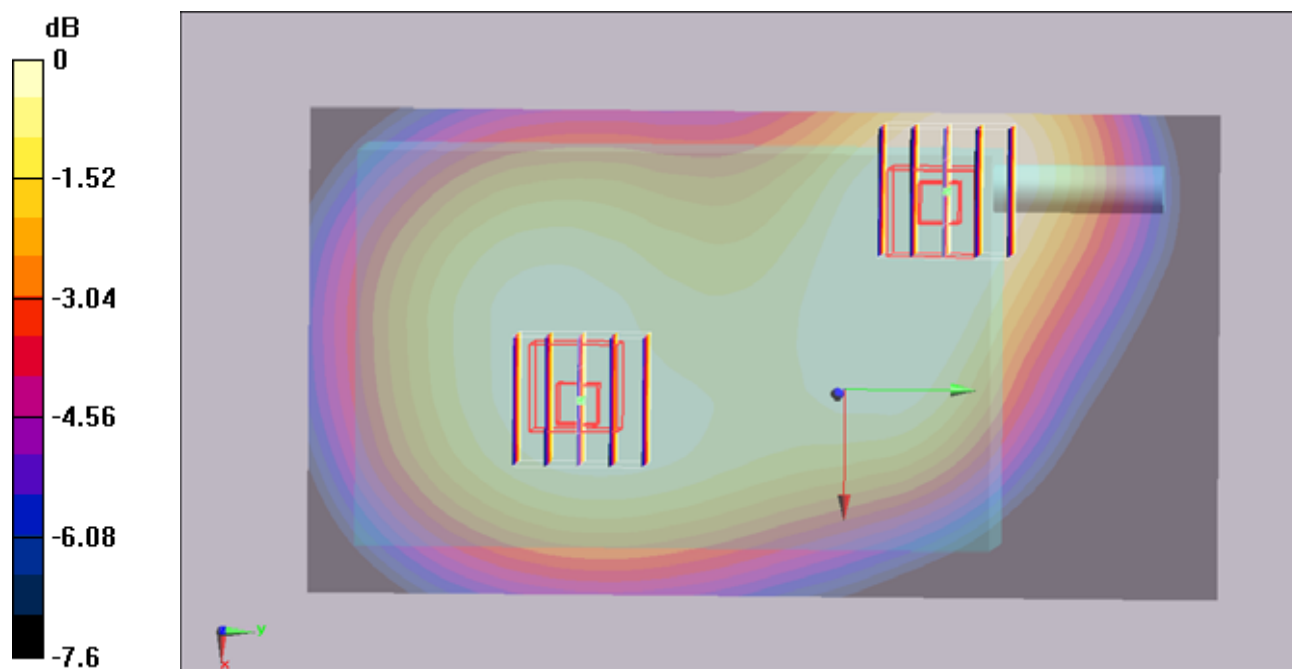Maximum value of SAR (measured) = 0.148 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.125 mW/g

0 dB = 0.125mW/g

#11 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4132

DUT: 971421

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_091029 Medium parameters used: f = 826.4 MHz; σ = 0.968 mho/m; ε_r = 53.4; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4132/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.133 mW/g
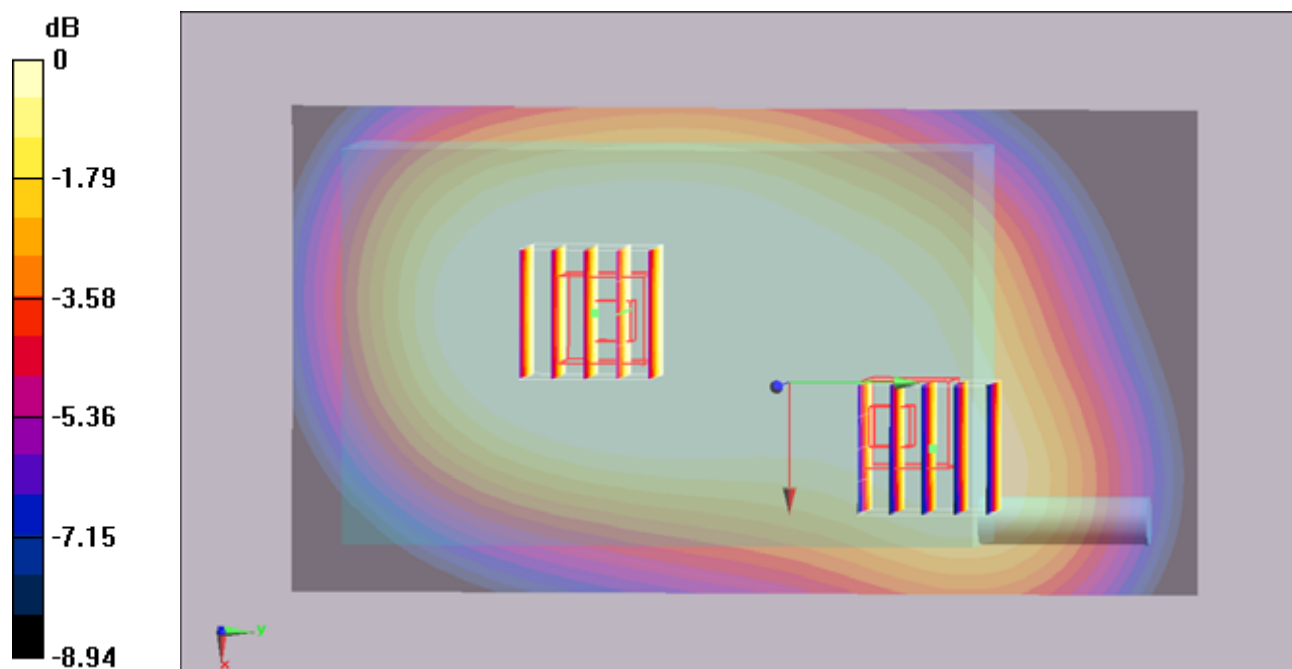Maximum value of SAR (measured) = 0.182 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.135 mW/g

0 dB = 0.135mW/g

#11 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4132_2D

DUT: 971421

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_091029 Medium parameters used: f = 826.4 MHz; σ = 0.968 mho/m; ε_r = 53.4; ρ = 1000

kg/m^3
Ambient Temperature 22.6 ; Liquid Temperature 21.5

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4132/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.133 mW/g
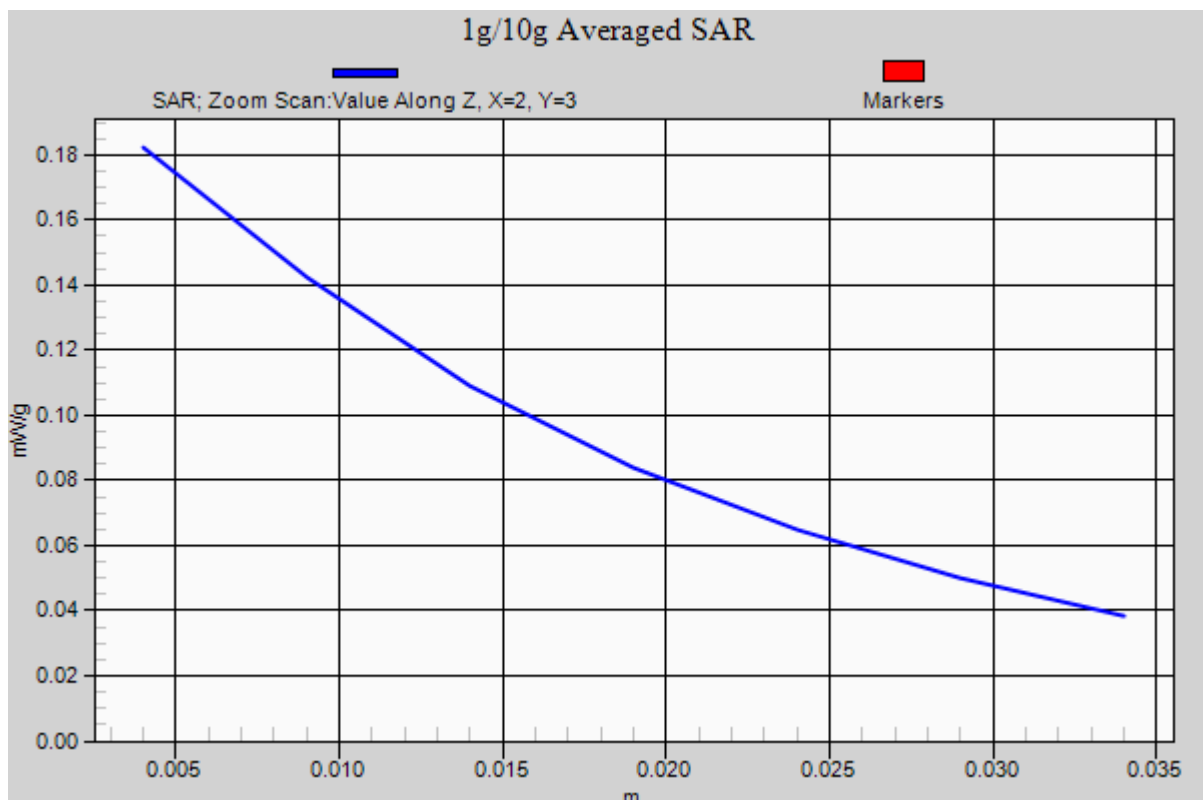Maximum value of SAR (measured) = 0.182 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.135 mW/g

#13 WCDMA II_RMC12.2K_Face_1.5cm_Ch9400

DUT: 971421

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_091029 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.168 mW/g

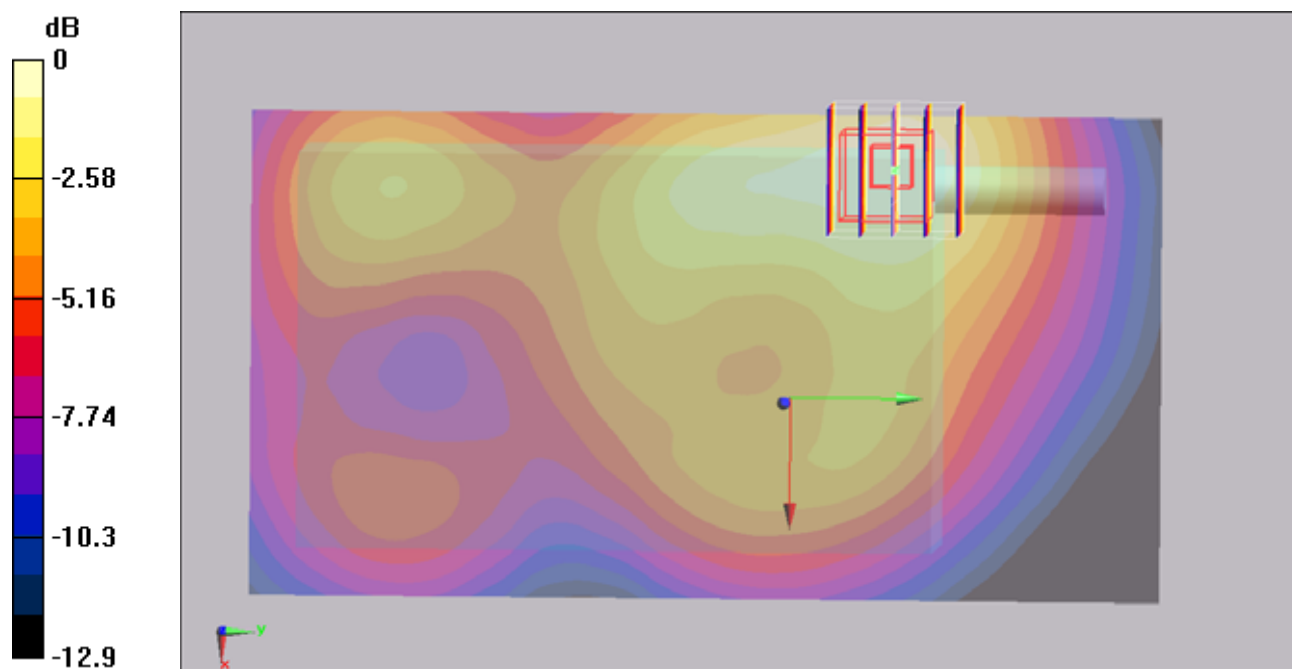## Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.84 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

0 dB = 0.173mW/g

#13 WCDMA II_RMC12.2K_Face_1.5cm_Ch9400_2D

DUT: 971421

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_091029 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
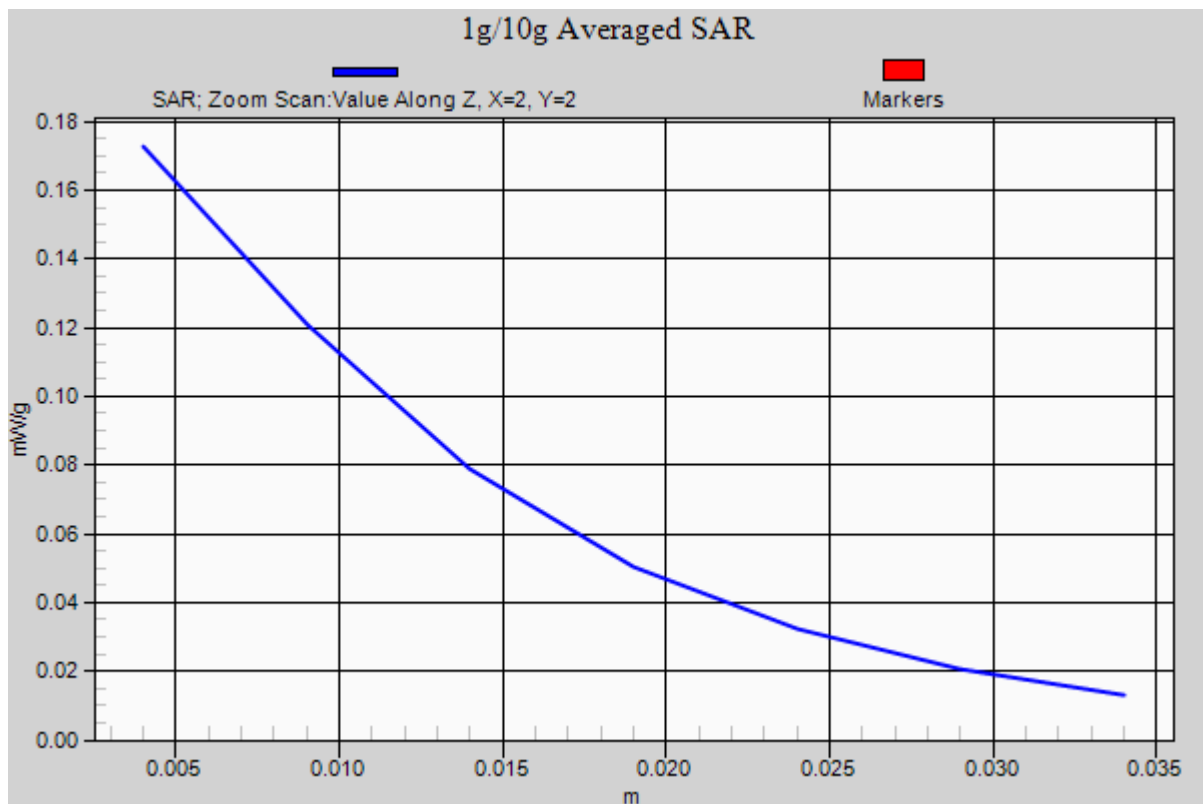Maximum value of SAR (interpolated) = 0.168 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.84 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

#14 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9400

DUT: 971421

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_091029 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε$_r$ = 52; ρ = 1000

kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.4

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.144 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.5 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.090 mW/g
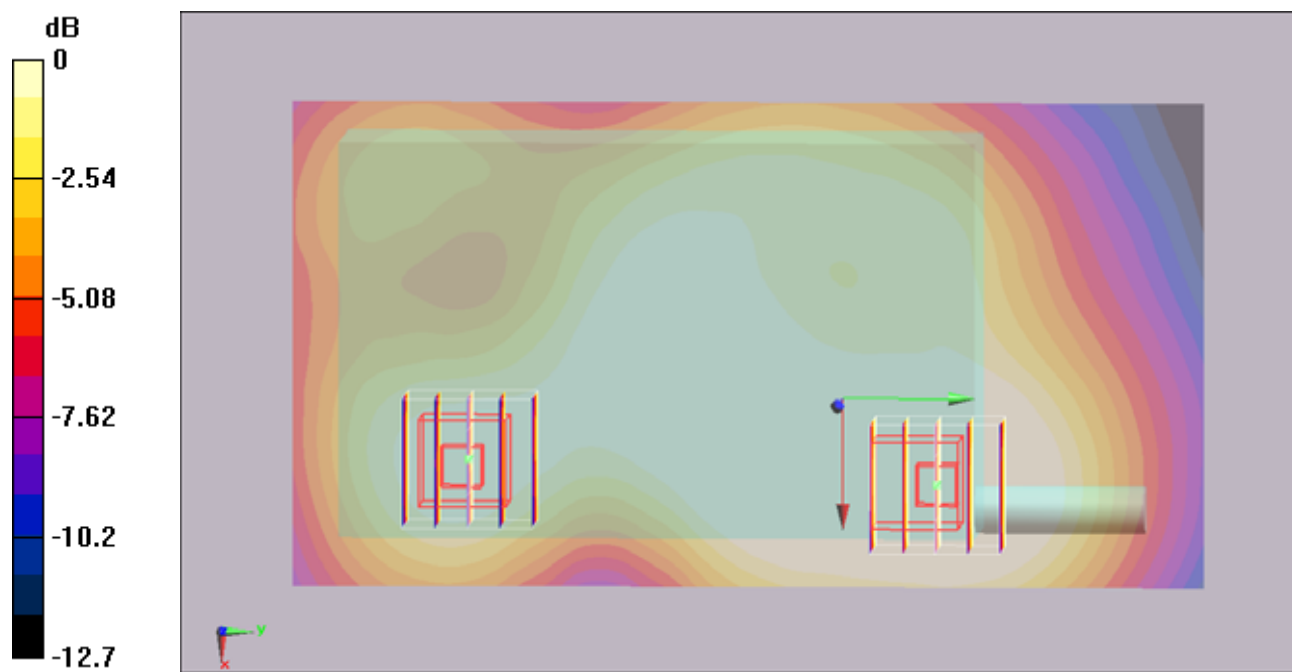Maximum value of SAR (measured) = 0.143 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.5 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.090 mW/g

0 dB = 0.090mW/g