#28 GSM850_GPRS12_Horizontal Up_0.5cm_Ch251

DUT: 020332

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_100315 Medium parameters used: f = 849 MHz; σ = 0.999 mho/m; ε_r = 54.4; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
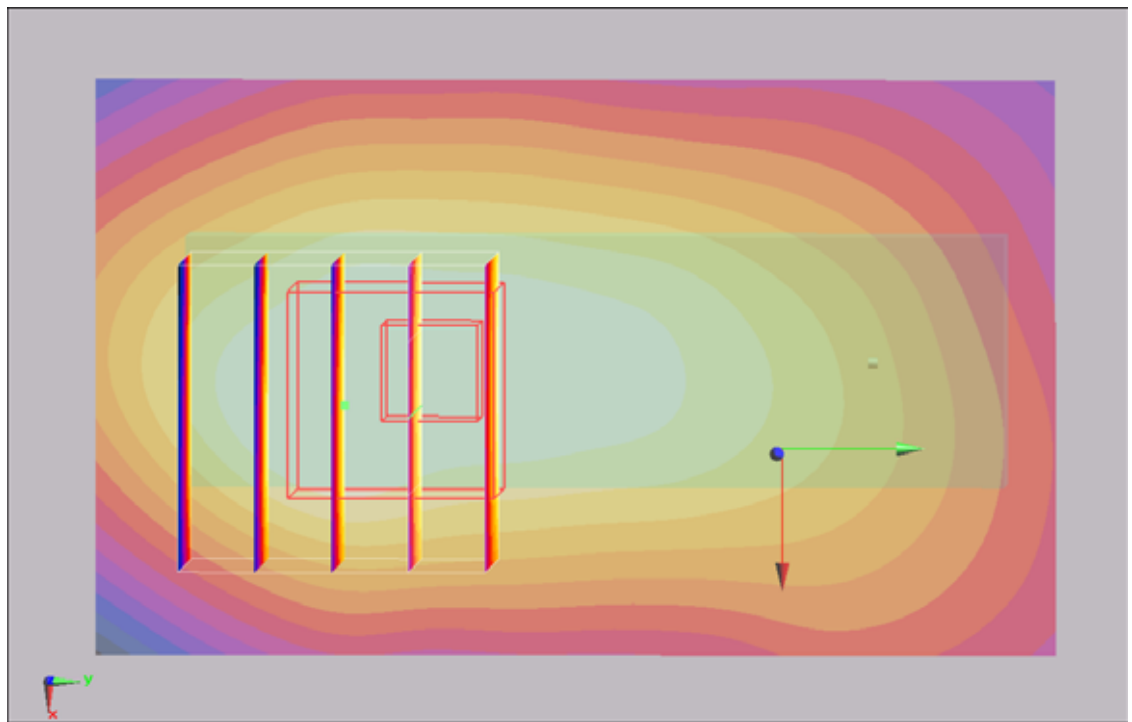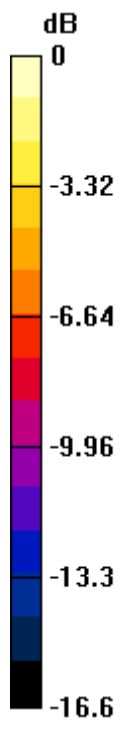Maximum value of SAR (interpolated) = 1.42 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

0 dB = 1.06mW/g

#28 GSM850_GPRS12_Horizontal Up_0.5cm_Ch251_2D

DUT: 020332

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_100315 Medium parameters used: f = 849 MHz; σ = 0.999 mho/m; $ε_r$ = 54.4; ρ = 1000
kg/m^3
Ambient Temperature   22.4   ; Liquid Temperature   21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
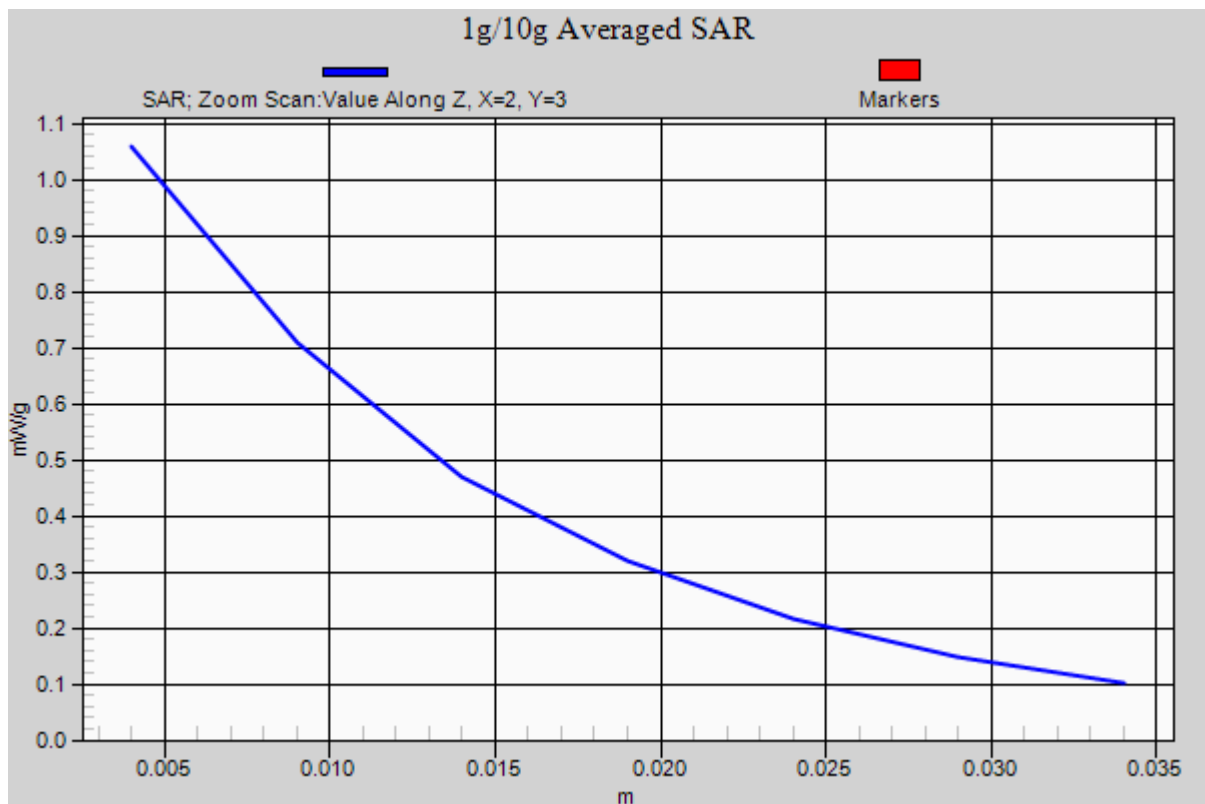Maximum value of SAR (interpolated) = 1.42 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.2 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

#23 GSM850_GPRS12_Horizontal Down_0.5cm_Ch189

DUT: 020332

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100315 Medium parameters used : f = 836.4 MHz; σ = 0.987 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3

Ambient Temperature 22.4 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (31x51x1): Measurement grid: dx=20mm, dy=20mm
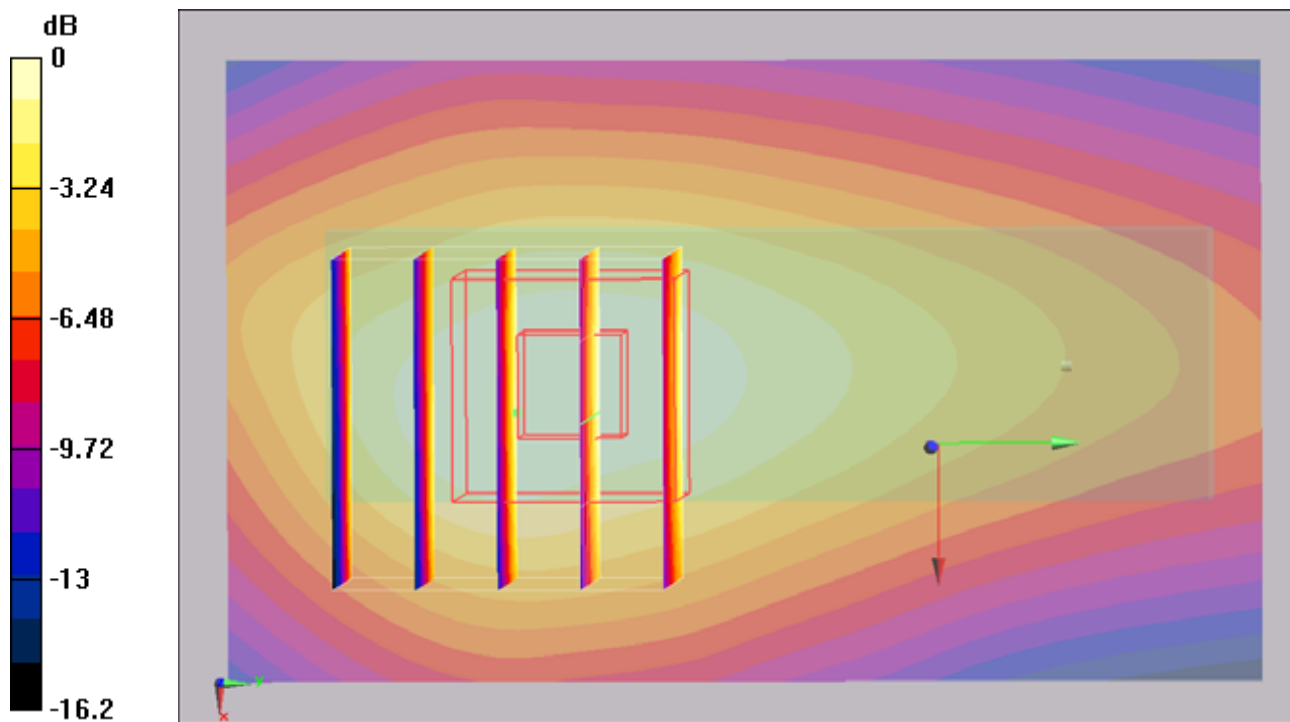Maximum value of SAR (interpolated) = 1.02 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.197 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 0.948 mW/g

0 dB = 0.948mW/g

#24 GSM850_GPRS12_Vertical Front_0.5cm_Ch189

DUT: 020332

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100315 Medium parameters used : f = 836.4 MHz; σ = 0.987 mho/m; ε_r = 54.5; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (31x51x1): Measurement grid: dx=20mm, dy=20mm
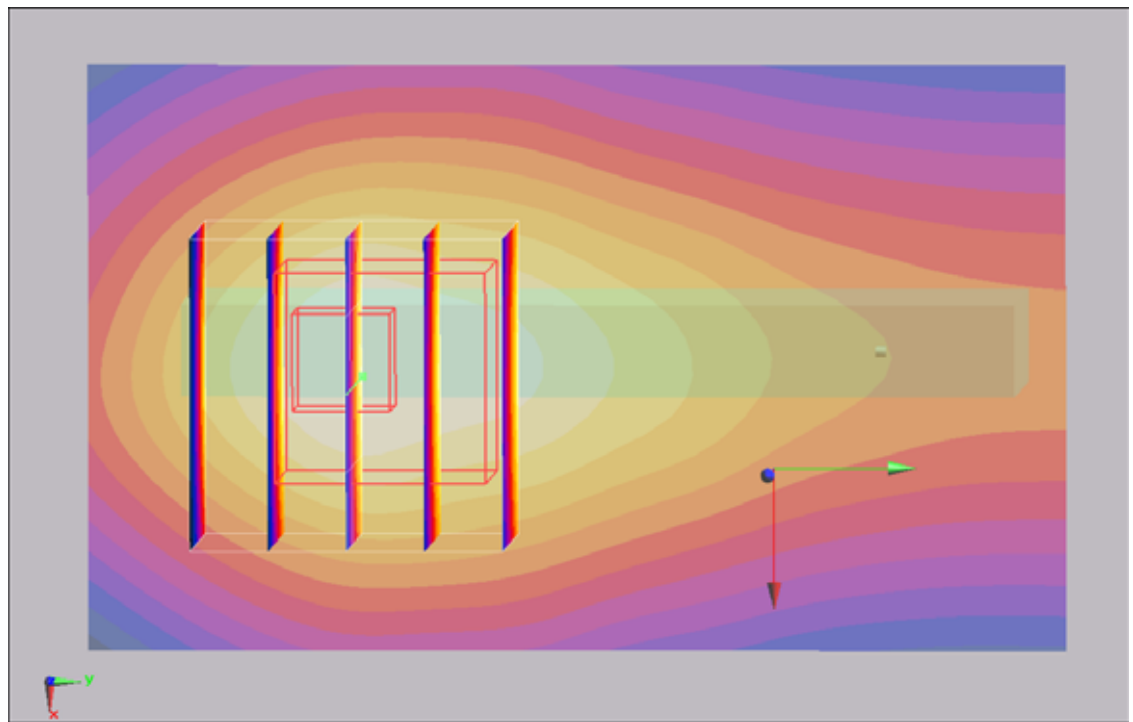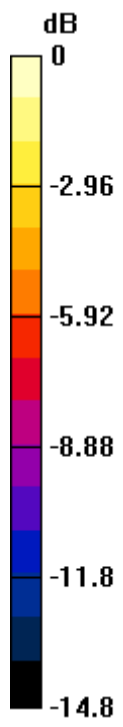Maximum value of SAR (interpolated) = 0.446 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.414 mW/g

0 dB = 0.414mW/g

#25 GSM850_GPRS12_Vertical Back_0.5cm_Ch189

DUT: 020332

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100315 Medium parameters used : f = 836.4 MHz; σ = 0.987 mho/m; ε_r = 54.5; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (31x51x1): Measurement grid: dx=20mm, dy=20mm
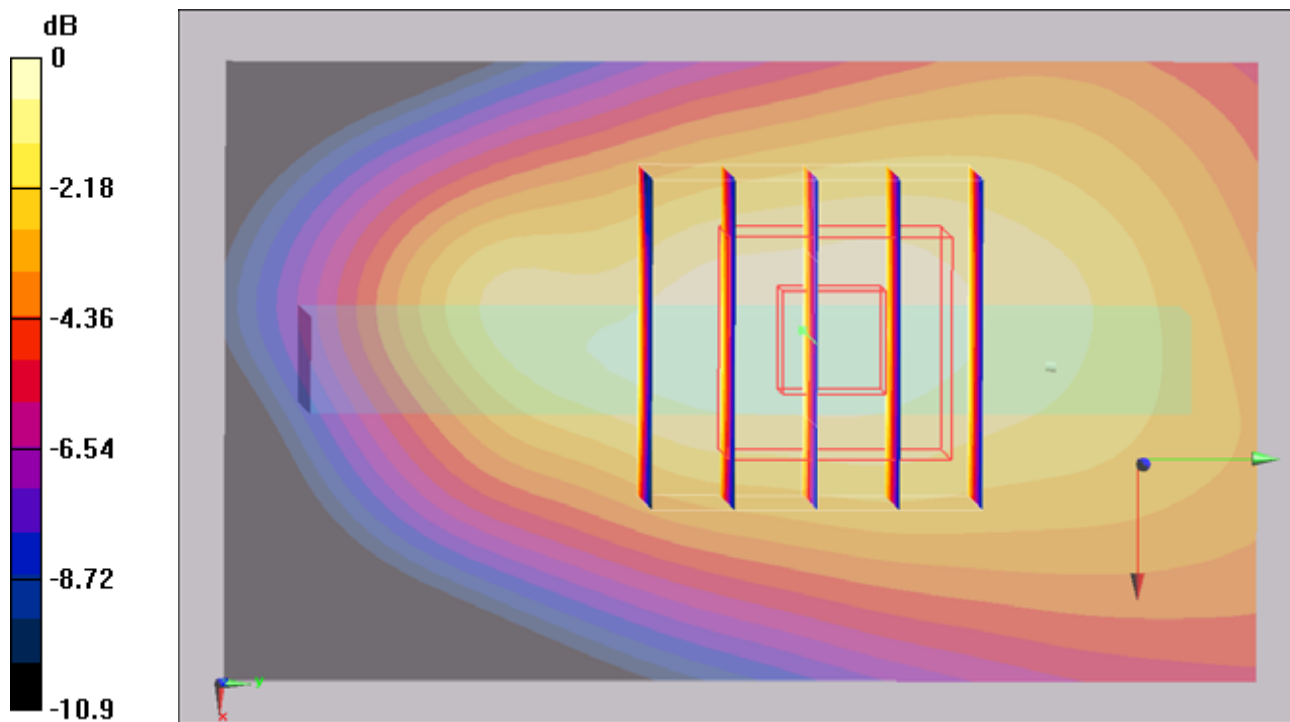Maximum value of SAR (interpolated) = 0.458 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.468 mW/g

0 dB = 0.468mW/g

#26 GSM850_GPRS12_Tip Mode_0.5cm_Ch189

DUT: 020332

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100313 Medium parameters used : f = 836.4 MHz; σ = 0.985 mho/m; ε_r = 54.4; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.6

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (31x31x1): Measurement grid: dx=20mm, dy=20mm
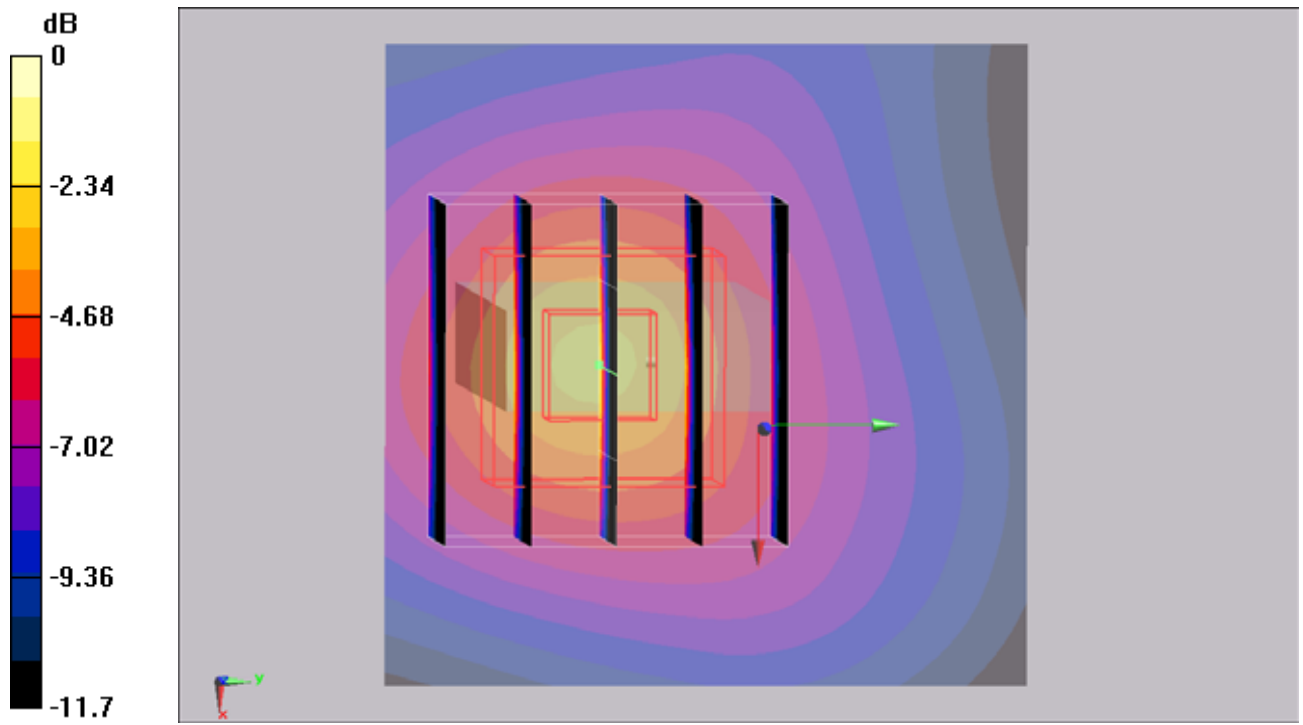Maximum value of SAR (interpolated) = 0.108 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.209 mW/g

0 dB = 0.209mW/g

#39 GSM1900_GPRS8_Horizontal Up_0.5cm_Ch810

DUT: 020332

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 51.6; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
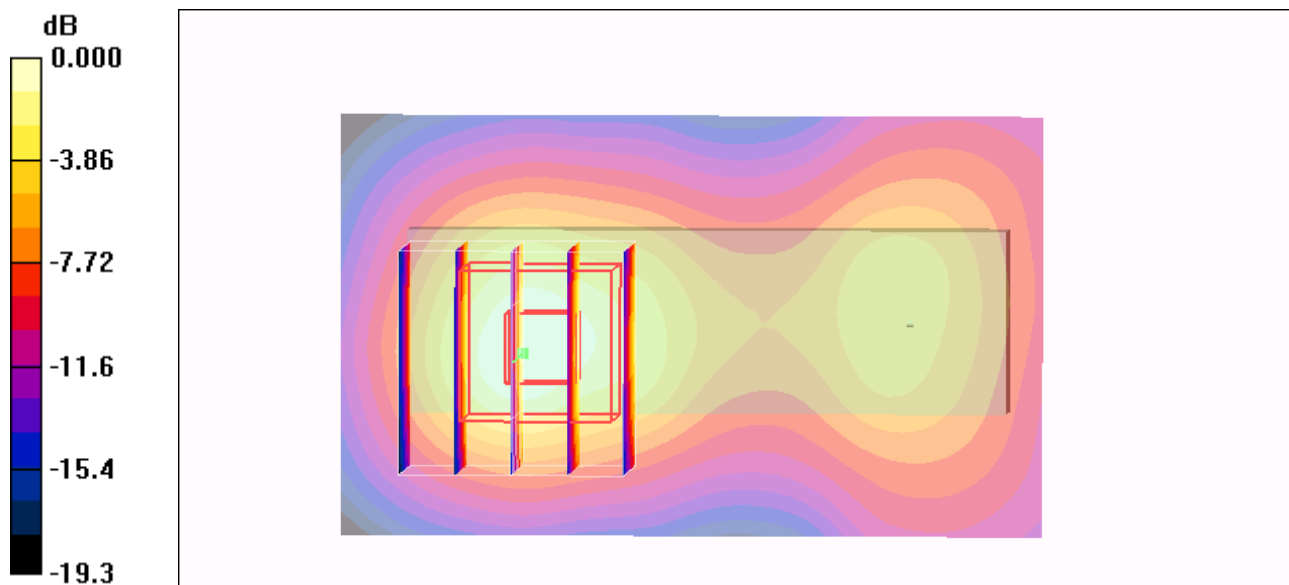Maximum value of SAR (interpolated) = 1.26 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

0 dB = 1.18mW/g

#39 GSM1900_GPRS8_Horizontal Up_0.5cm_Ch810_2D

DUT: 020332

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 51.6;

ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
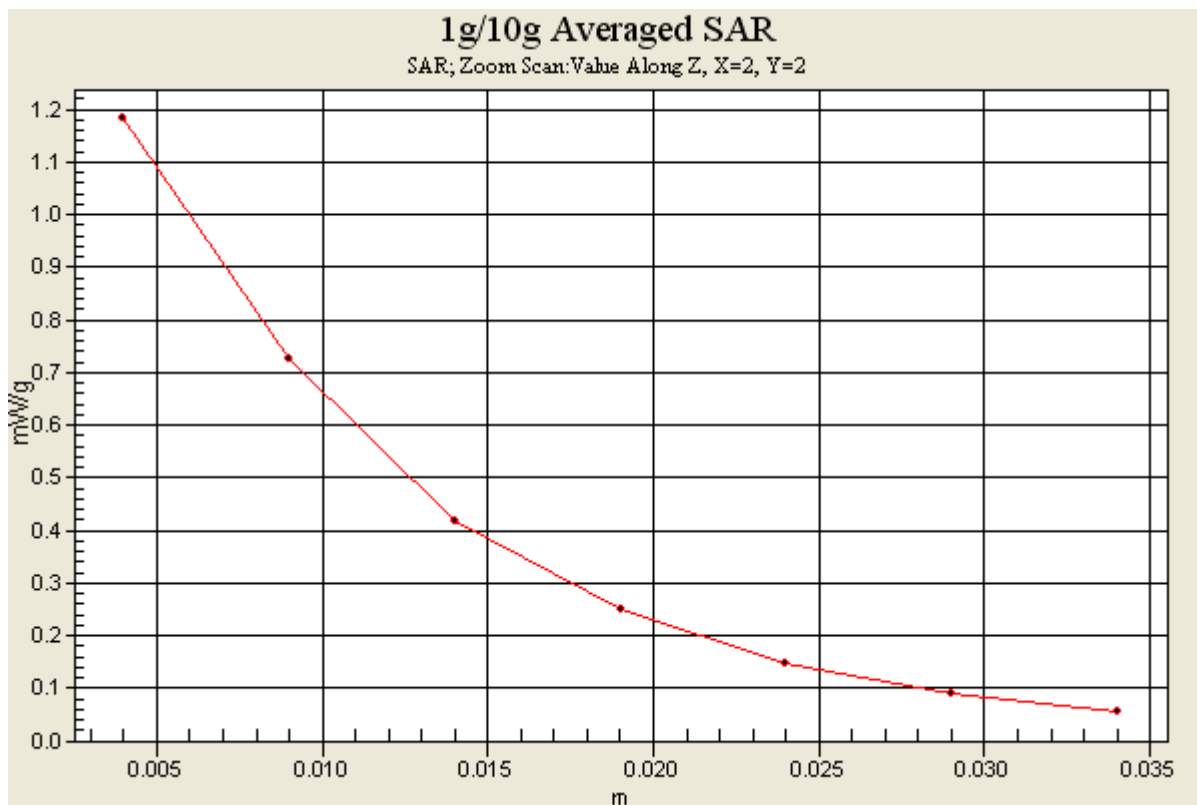Maximum value of SAR (interpolated) = 1.26 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

#34 GSM1900_GPRS8_Horizontal Down_0.5cm_Ch661

DUT: 020332

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.6; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
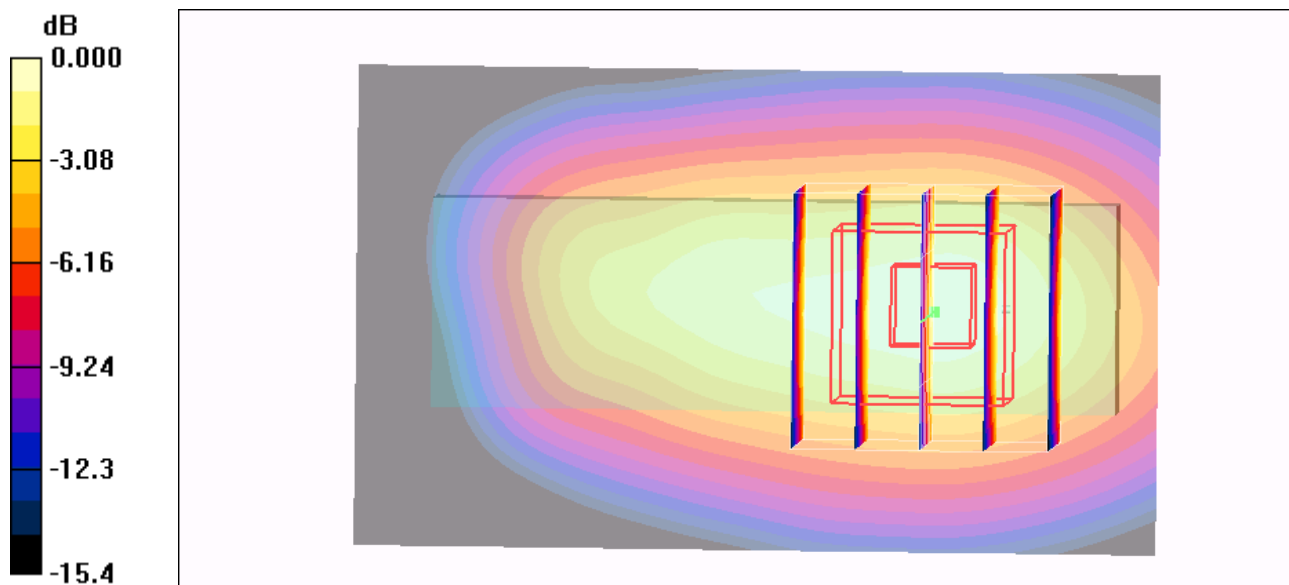Maximum value of SAR (interpolated) = 0.546 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.745 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.590 mW/g

0 dB = 0.590mW/g

#34 GSM1900_GPRS8_Horizontal Down_0.5cm_Ch661

#35 GSM1900_GPRS8_Vertical Front_0.5cm_Ch661

DUT: 020332

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; $ε_r$ = 51.6; ρ
= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.137 mW/g
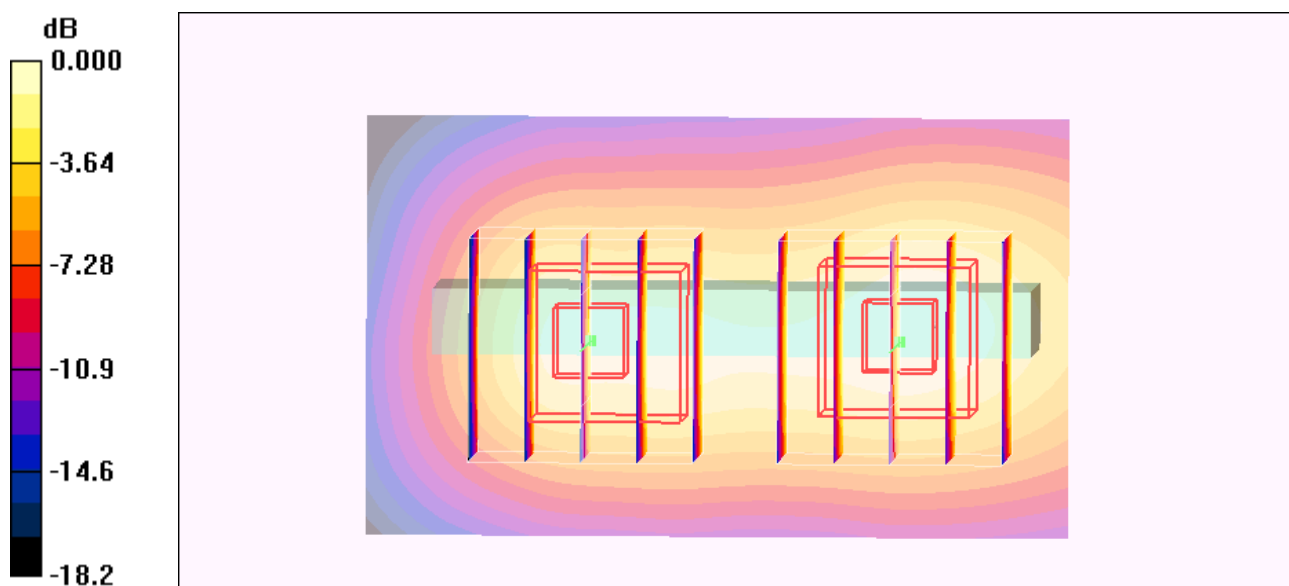Maximum value of SAR (measured) = 0.257 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.240 mW/g

0 dB = 0.240mW/g

#36 GSM1900_GPRS8_Vertical Back_0.5cm_Ch661

DUT: 020332

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.6; ρ

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

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
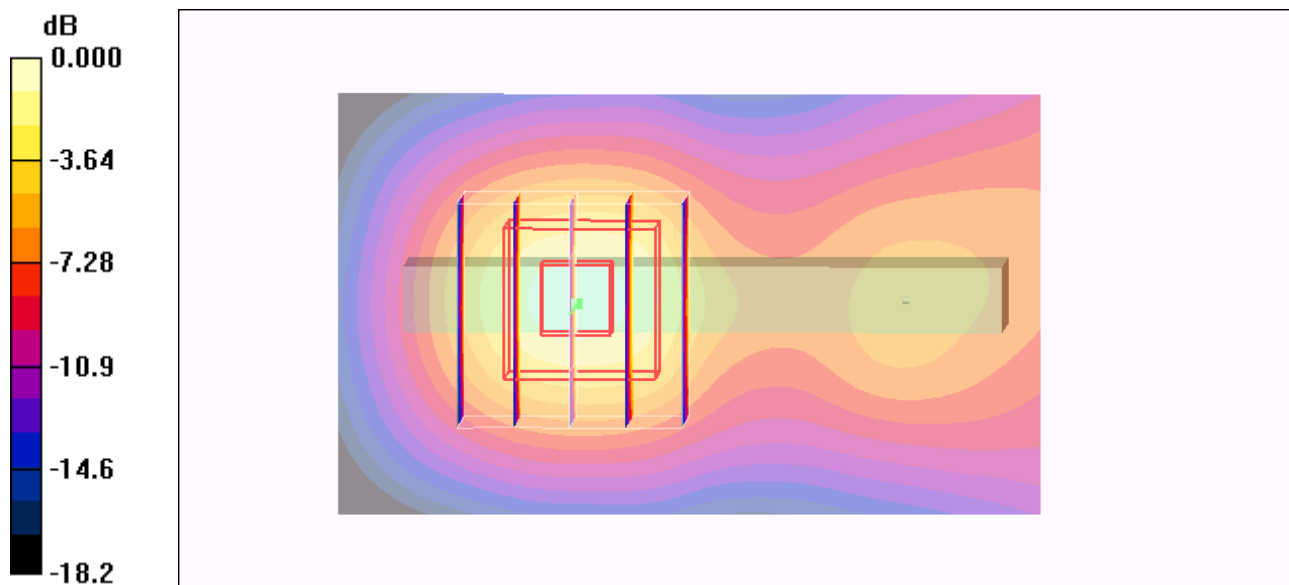Maximum value of SAR (interpolated) = 0.571 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.627 mW/g

0 dB = 0.627mW/g

#37 GSM1900_GPRS8_Tip Mode_0.5cm_Ch661

DUT: 020332

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_100315 Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.6; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (31x31x1): Measurement grid: dx=20mm, dy=20mm
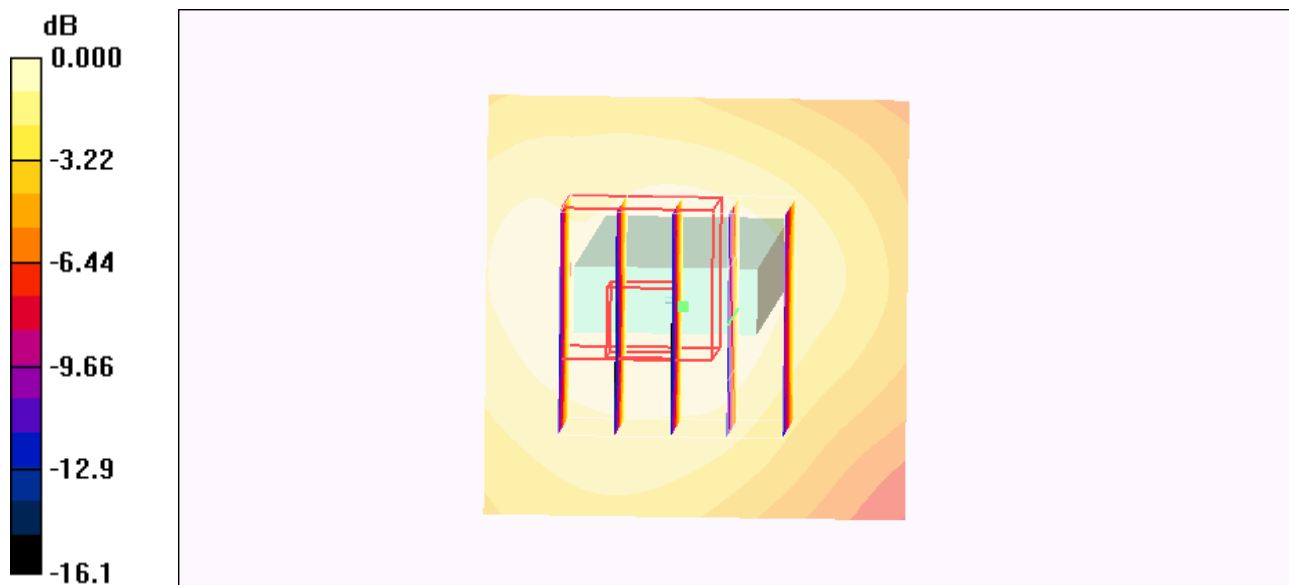Maximum value of SAR (interpolated) = 0.091 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.10 V/m; Power Drift = -0.176 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.084 mW/g

0 dB = 0.084mW/g

#19 WCDMA V_RMC12.2k_Horizontal Up_0.5cm_Ch4233

DUT: 020332

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ =

1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
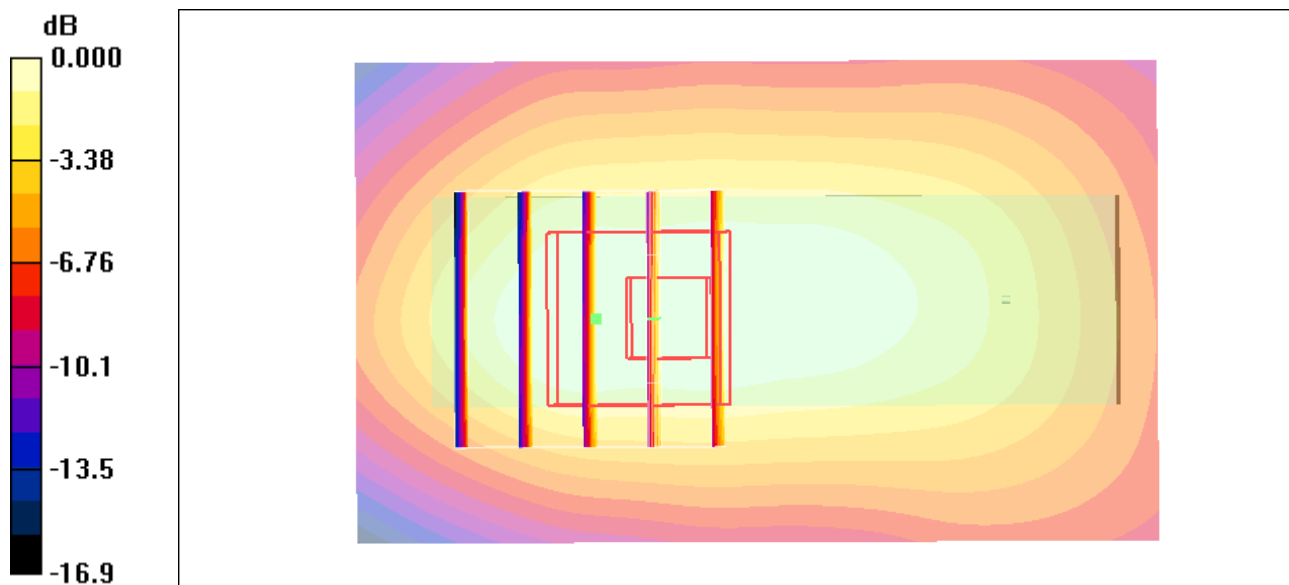Maximum value of SAR (interpolated) = 1.16 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04mW/g

#19 WCDMA V_RMC12.2k_Horizontal Up_0.5cm_Ch4233_2D

DUT: 020332

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
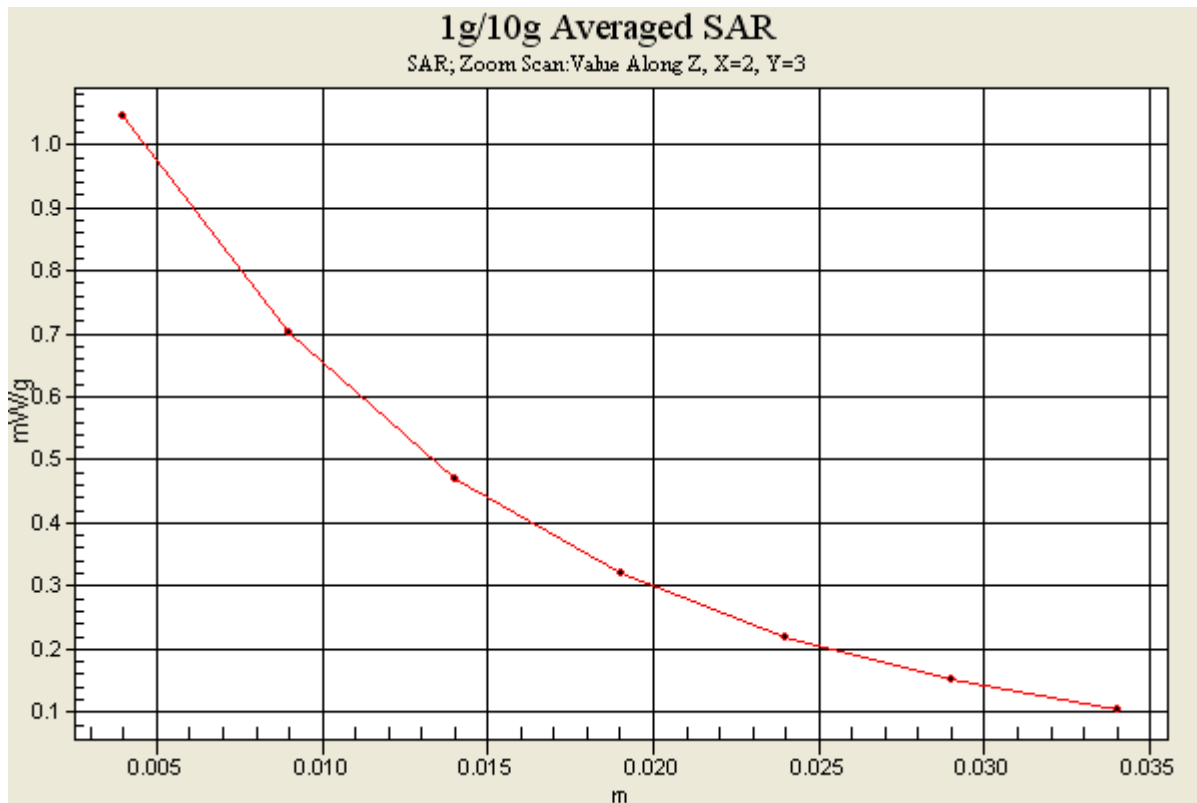Maximum value of SAR (interpolated) = 1.16 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

#14 WCDMA V_RMC12.2k_Horizontal Down_0.5cm_Ch4182

DUT: 020332

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 836.4 MHz; σ = 0.955 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
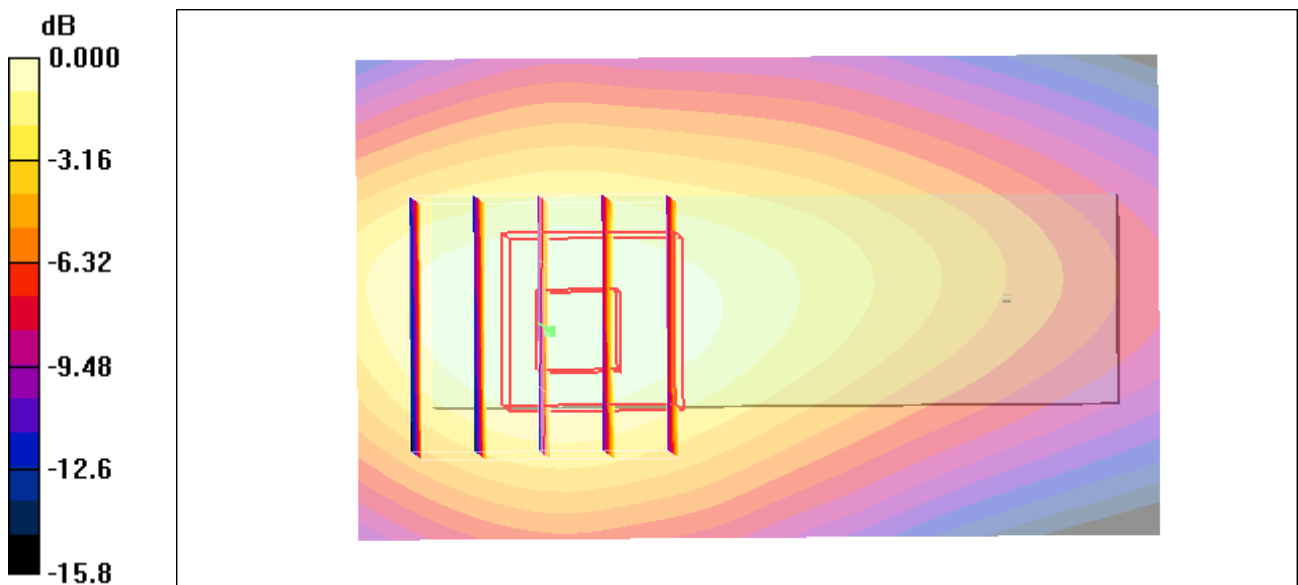Maximum value of SAR (interpolated) = 0.899 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.0 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 0.774 mW/g

0 dB = 0.774mW/g

#15 WCDMA V_RMC12.2k_Vertical Front_0.5cm_Ch4182

DUT: 020332

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 836.4 MHz; σ = 0.955 mho/m; ε_r = 52.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (21x51x1): Measurement grid: dx=20mm, dy=20mm
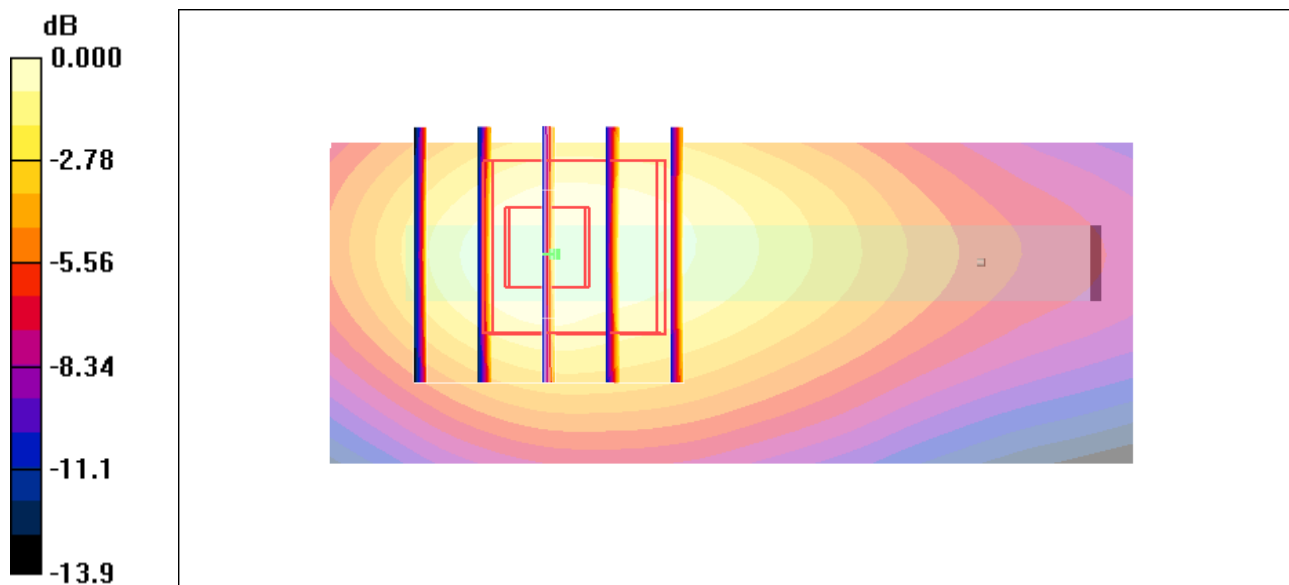Maximum value of SAR (interpolated) = 0.460 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.426 mW/g

0 dB = 0.426mW/g

#16 WCDMA V_RMC12.2k_Vertical Back_0.5cm_Ch4182

DUT: 020332

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 836.4 MHz; σ = 0.955 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (21x51x1): Measurement grid: dx=20mm, dy=20mm
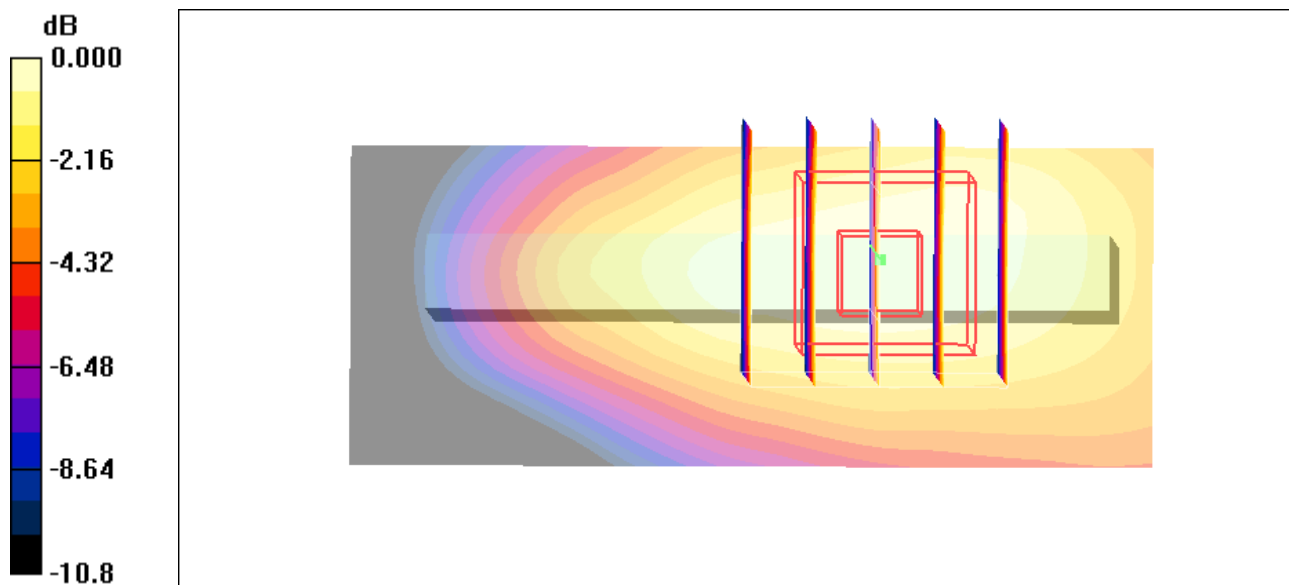Maximum value of SAR (interpolated) = 0.414 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.417 mW/g

0 dB = 0.417mW/g

#17 WCDMA V_RMC12.2k_Tip Mode_0.5cm_Ch4182

DUT: 020332

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: MSL_850_100314 Medium parameters used: f = 836.4 MHz; σ = 0.955 mho/m; ε_r = 52.7; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x31x1): Measurement grid: dx=20mm, dy=20mm
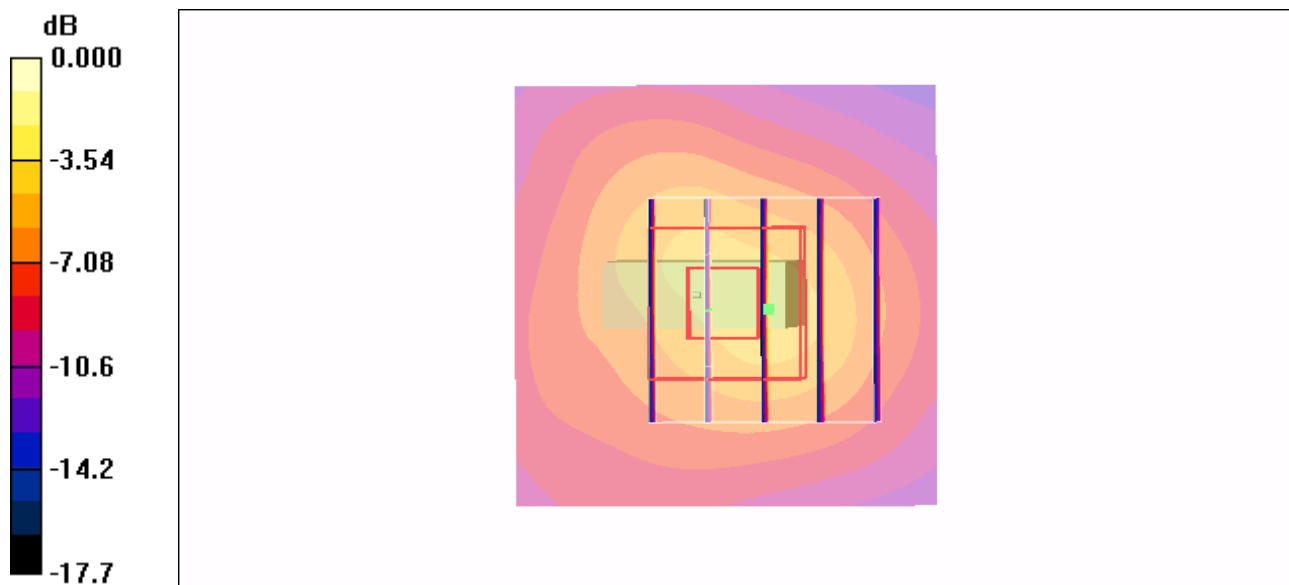Maximum value of SAR (interpolated) = 0.070 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.170 mW/g

0 dB = 0.170mW/g

#01 WCDMA II_RMC12.2K_Horizontal Up_0.5cm_Ch9400

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100309 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε$_r$ = 51; ρ = 1000

kg/m^3
Ambient Temperature   22.7   ; Liquid Temperature   21.3

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (31x51x1): Measurement grid: dx=20mm, dy=20mm
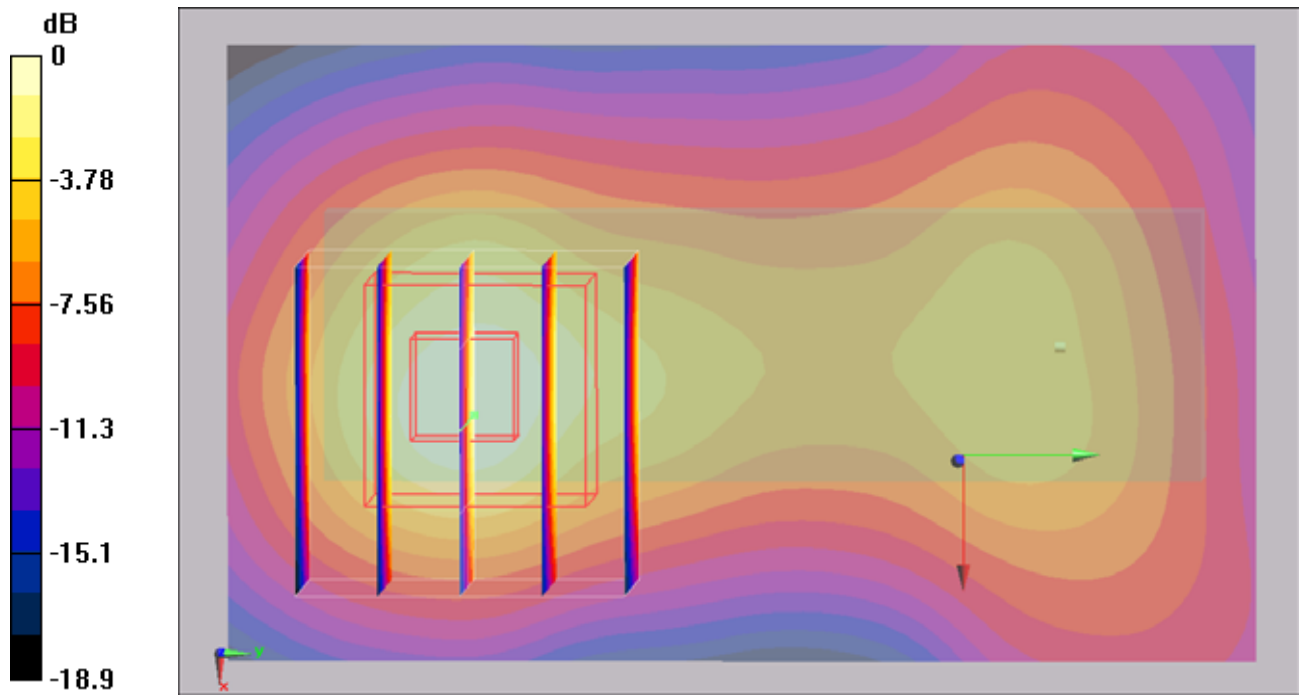Maximum value of SAR (interpolated) = 1.58 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.707 mW/g
Maximum value of SAR (measured) = 1.52 mW/g

0 dB = 1.52mW/g

#01 WCDMA II_RMC12.2K_Horizontal Up_0.5cm_Ch9400_2D

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100309 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Ambient Temperature 22.7 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
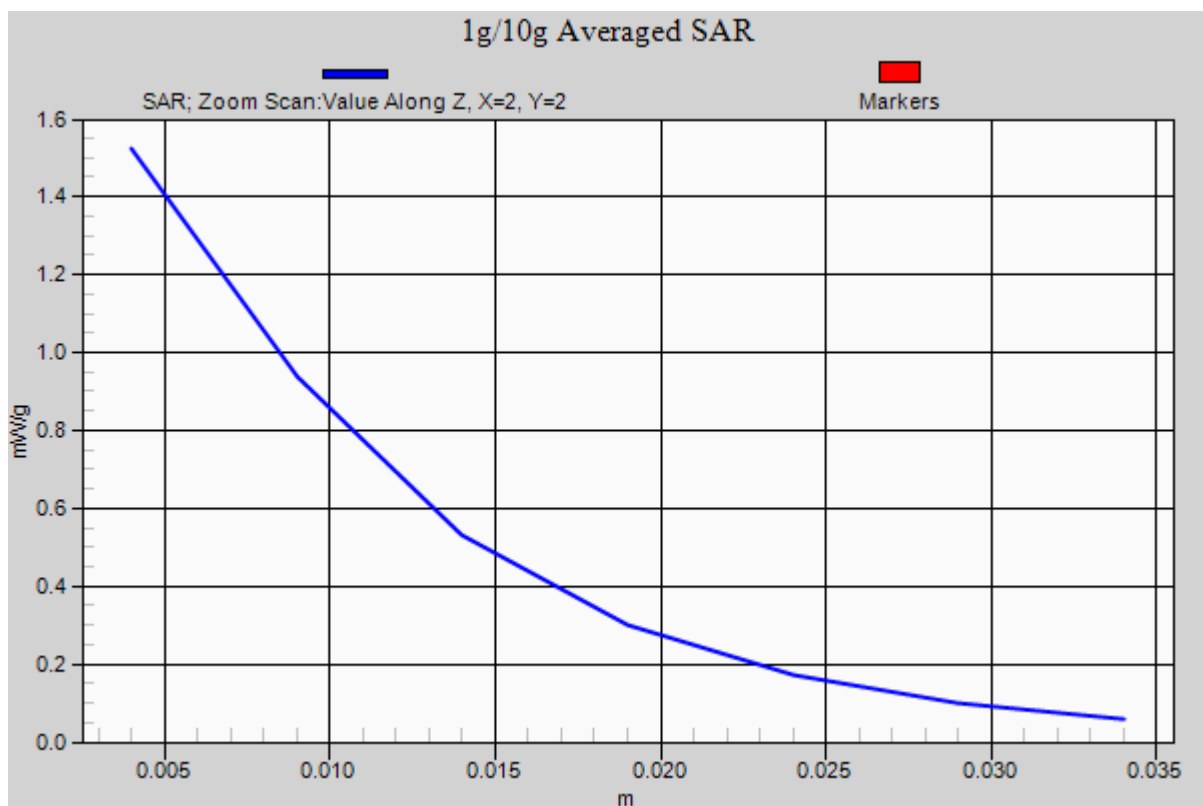Maximum value of SAR (interpolated) = 1.58 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.707 mW/g
Maximum value of SAR (measured) = 1.52 mW/g

#04 WCDMA II_RMC12.2K_Horizontal Down_0.5cm_Ch9400

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100310 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.2; ρ

= 1000 kg/m^3
Ambient Temperature：22.5 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.472 mW/g
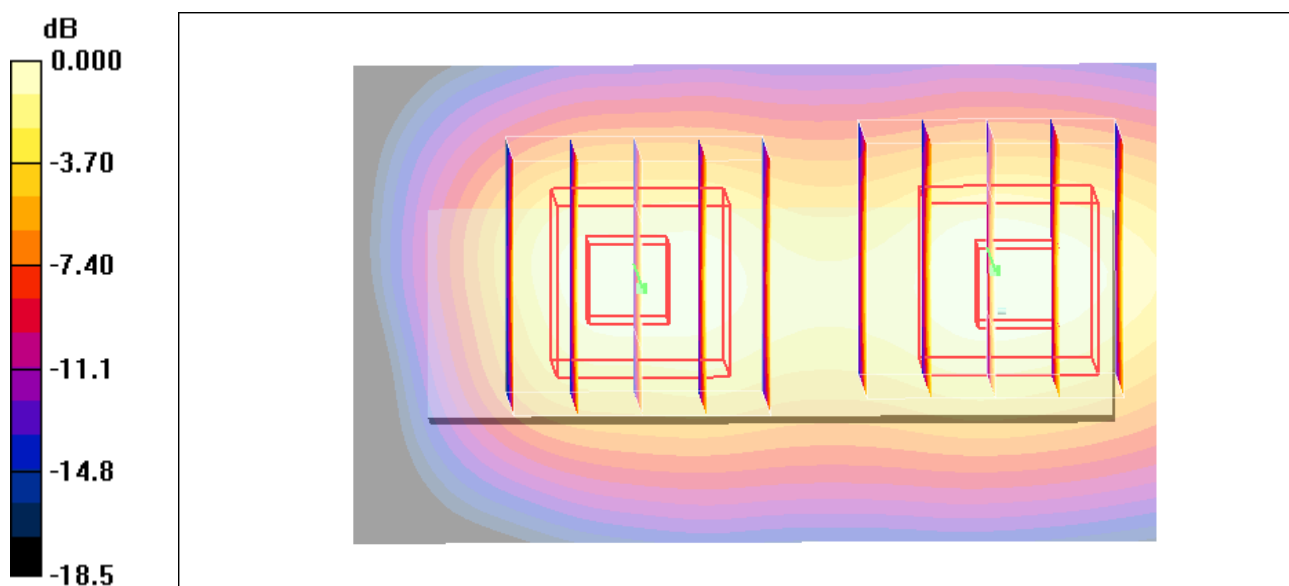Maximum value of SAR (measured) = 0.894 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.857 mW/g

0 dB = 0.857mW/g

#05 WCDMA II_RMC12.2K_Vertical Froint_0.5cm_Ch9400

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100310 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.2; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (21x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.416 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.221 mW/g
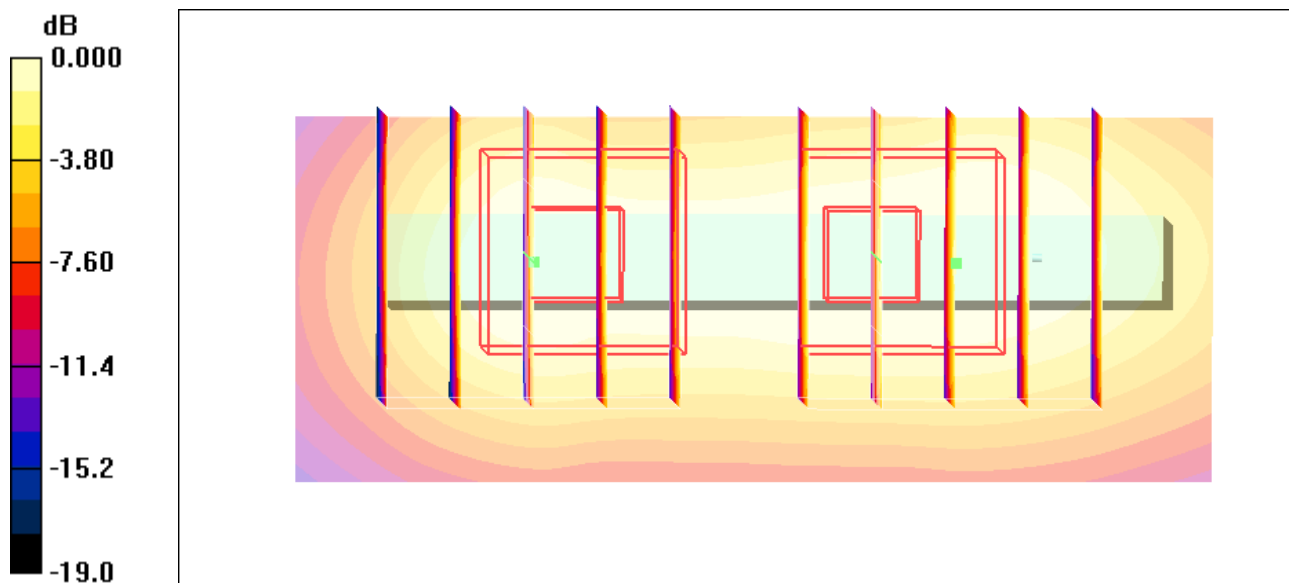Maximum value of SAR (measured) = 0.412 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.358 mW/g

0 dB = 0.358mW/g

#06 WCDMA II_RMC12.2K_Vertical Back_0.5cm_Ch9400

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100310 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.2; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (21x51x1): Measurement grid: dx=20mm, dy=20mm
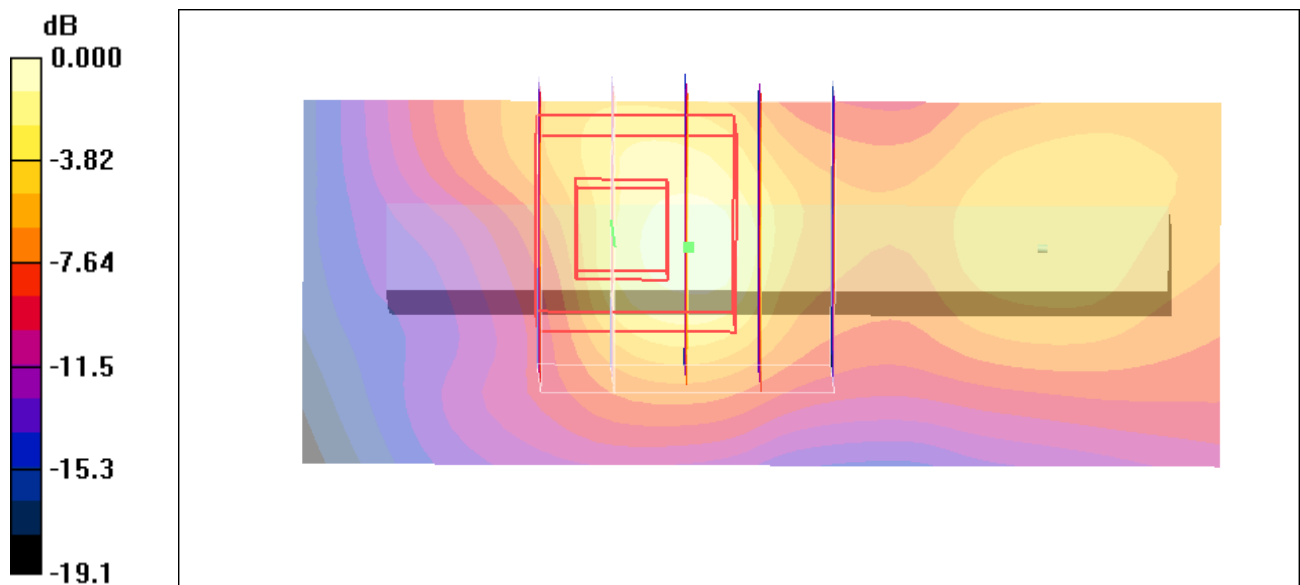Maximum value of SAR (interpolated) = 0.917 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 0.960 mW/g

0 dB = 0.960mW/g

#09 WCDMA II_RMC12.2K_Tip Mode_0.5cm_Ch9400

DUT: 020332

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_100310 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε$_r$ = 52.2; ρ

= 1000 kg/m^3
Ambient Temperature：22.4 ℃；Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x31x1): Measurement grid: dx=20mm, dy=20mm
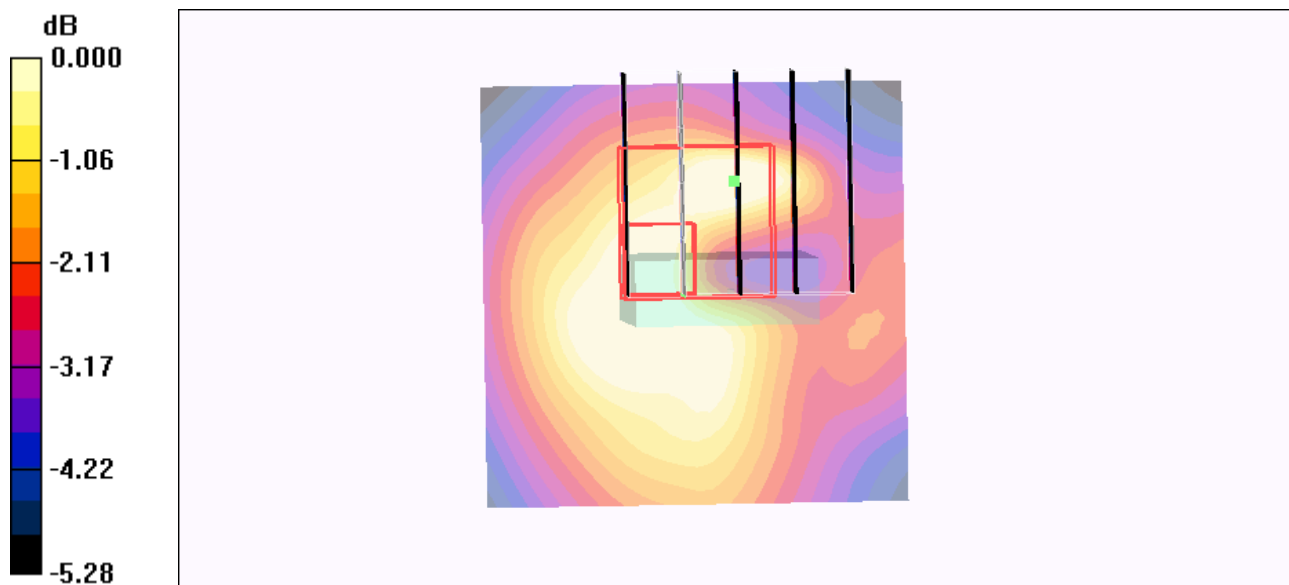Maximum value of SAR (interpolated) = 0.114 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.70 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.091 mW/g

0 dB = 0.091mW/g