

#01 GSM850_GPRS12_Front_1cm_Ch128

DUT: 1N2312-01

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.399 mW/g

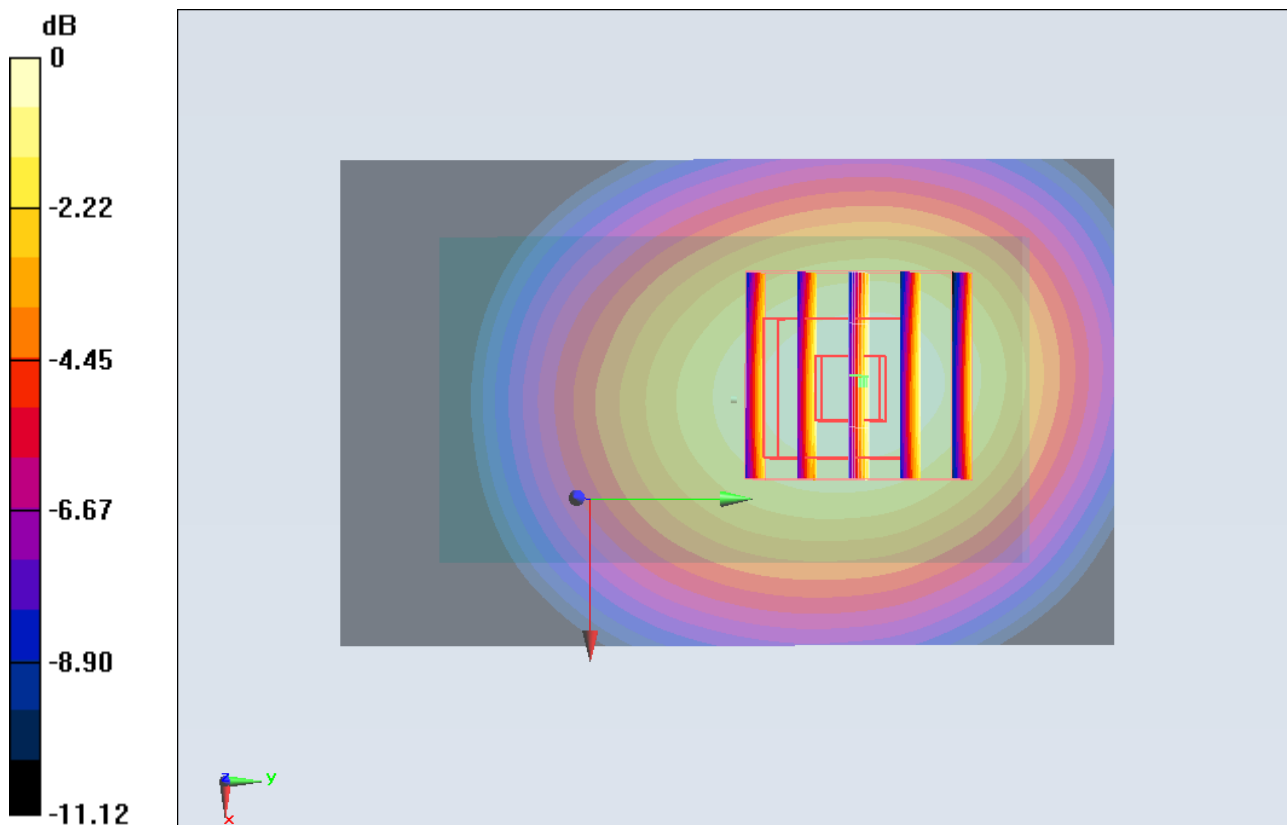
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.084 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.398 mW/g



0 dB = 0.400mW/g

#02 GSM850_GPRS12_Back_1cm_Ch128

DUT: 1N2312-01

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.779 mW/g

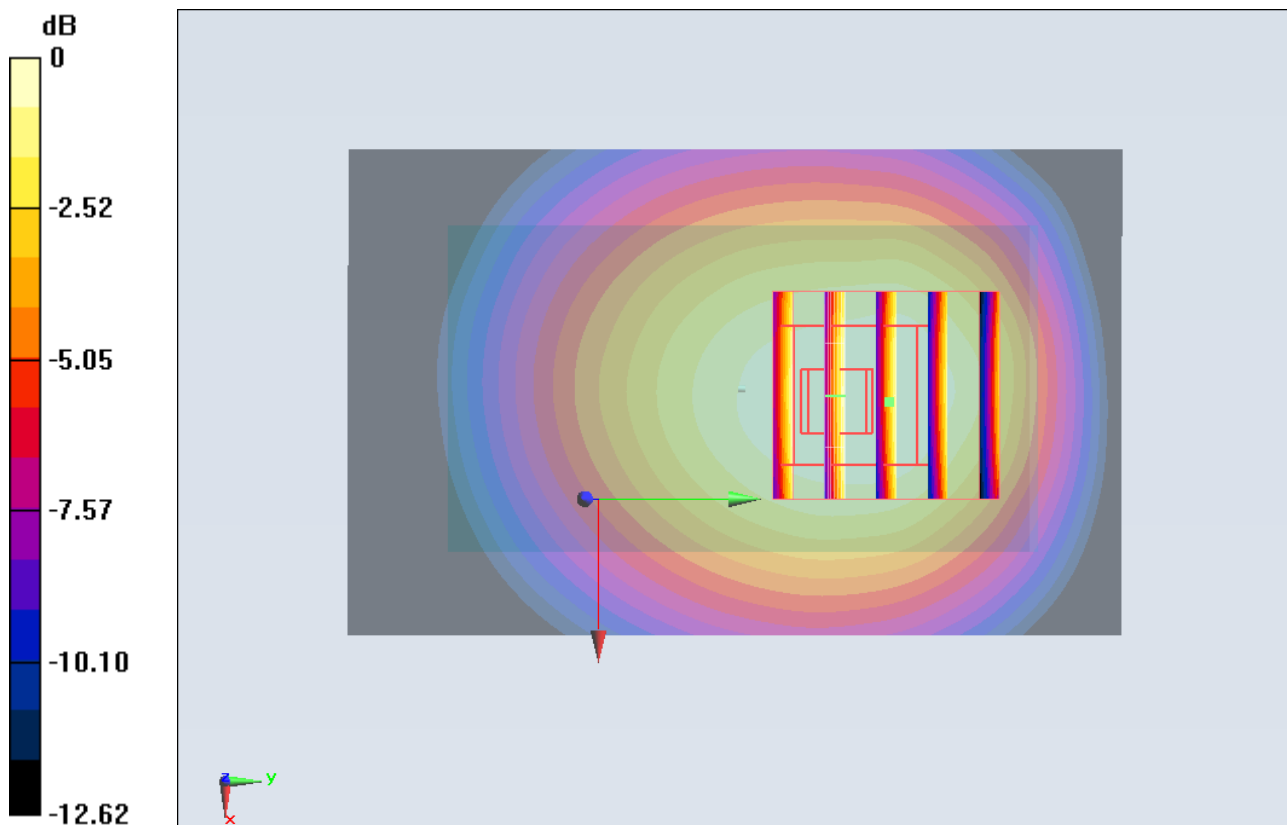
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.394 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.738 mW/g



0 dB = 0.740mW/g

#02 GSM850_GPRS12_Back_1cm_Ch128_2D

DUT: 1N2312-01

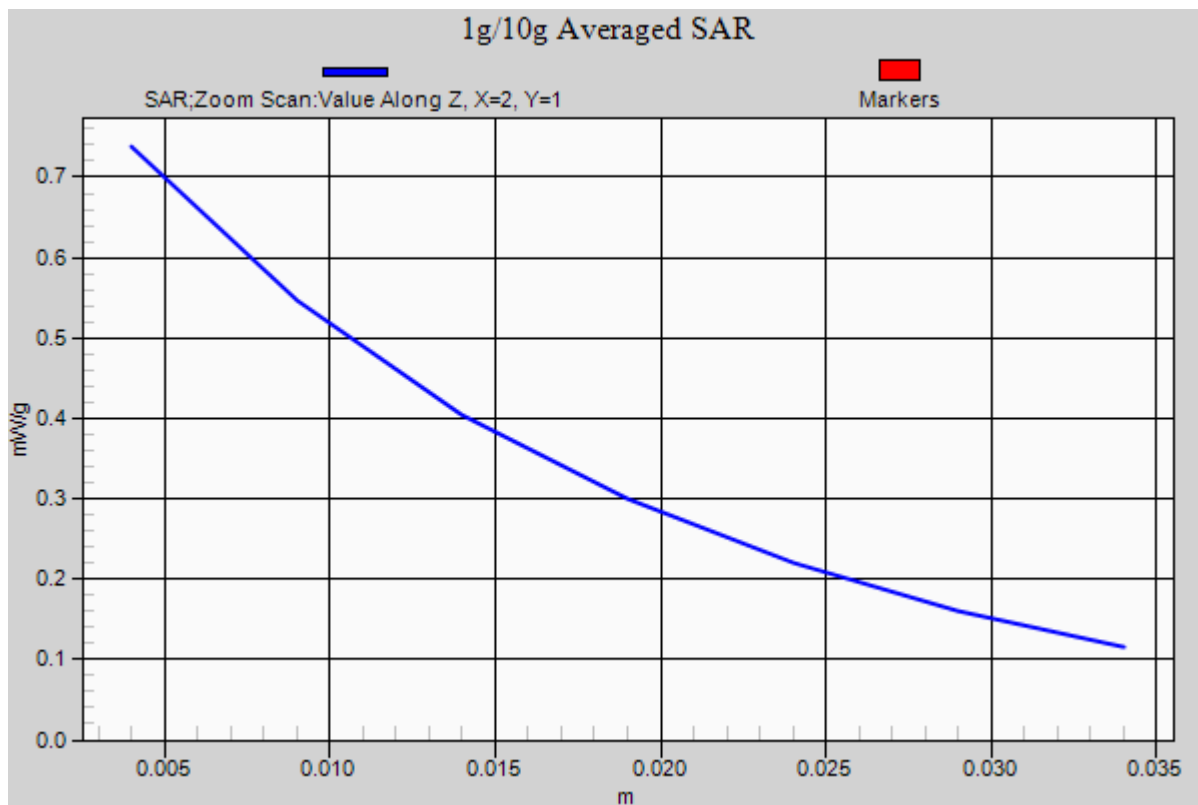
Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2
Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.667$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.779 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.394 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 0.738 mW/g



#04 GSM850_GPRS12_Right Side_1cm_Ch128

DUT: 1N2312-01

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.080 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.084 mW/g

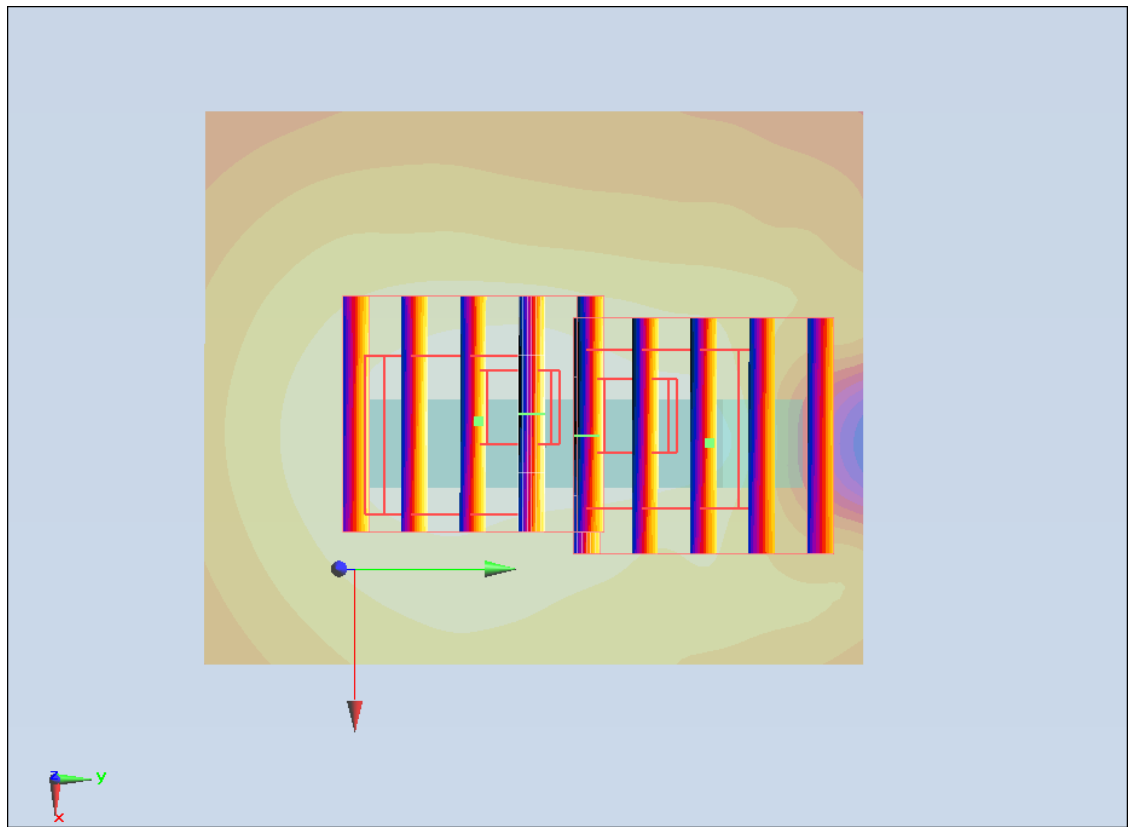
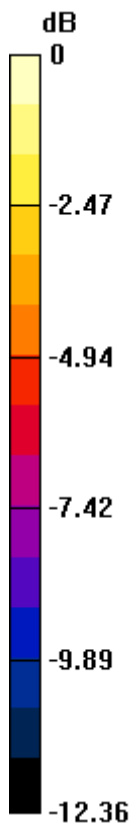
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.080mW/g

#05 GSM850_GPRS12_Top Side_1cm_Ch128

DUT: 1N2312-01

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2

Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 mW/g

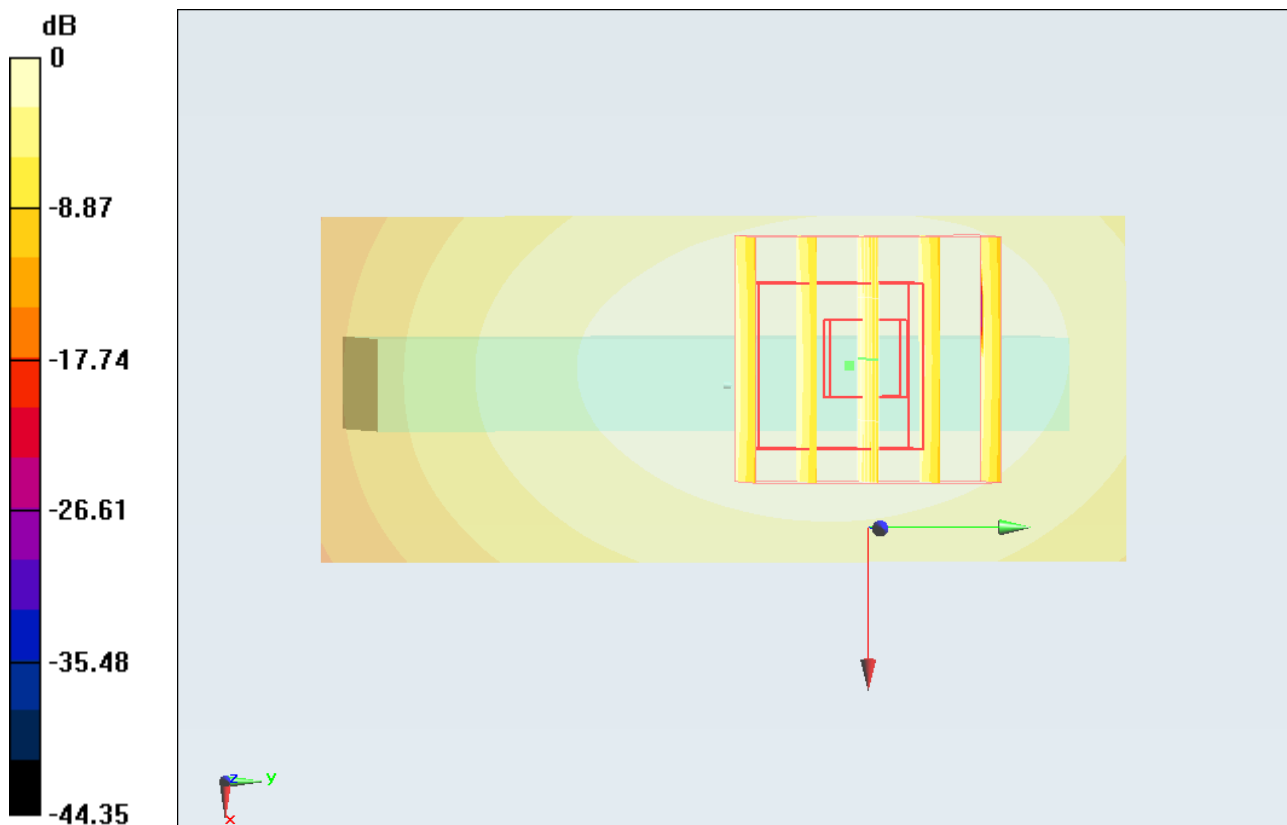
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.985 V/m; Power Drift = -0.0072 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

#06 GSM850_GPRS12_Bottom Side_1cm_Ch128

DUT: 1N2312-01

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_111205 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.228 mW/g

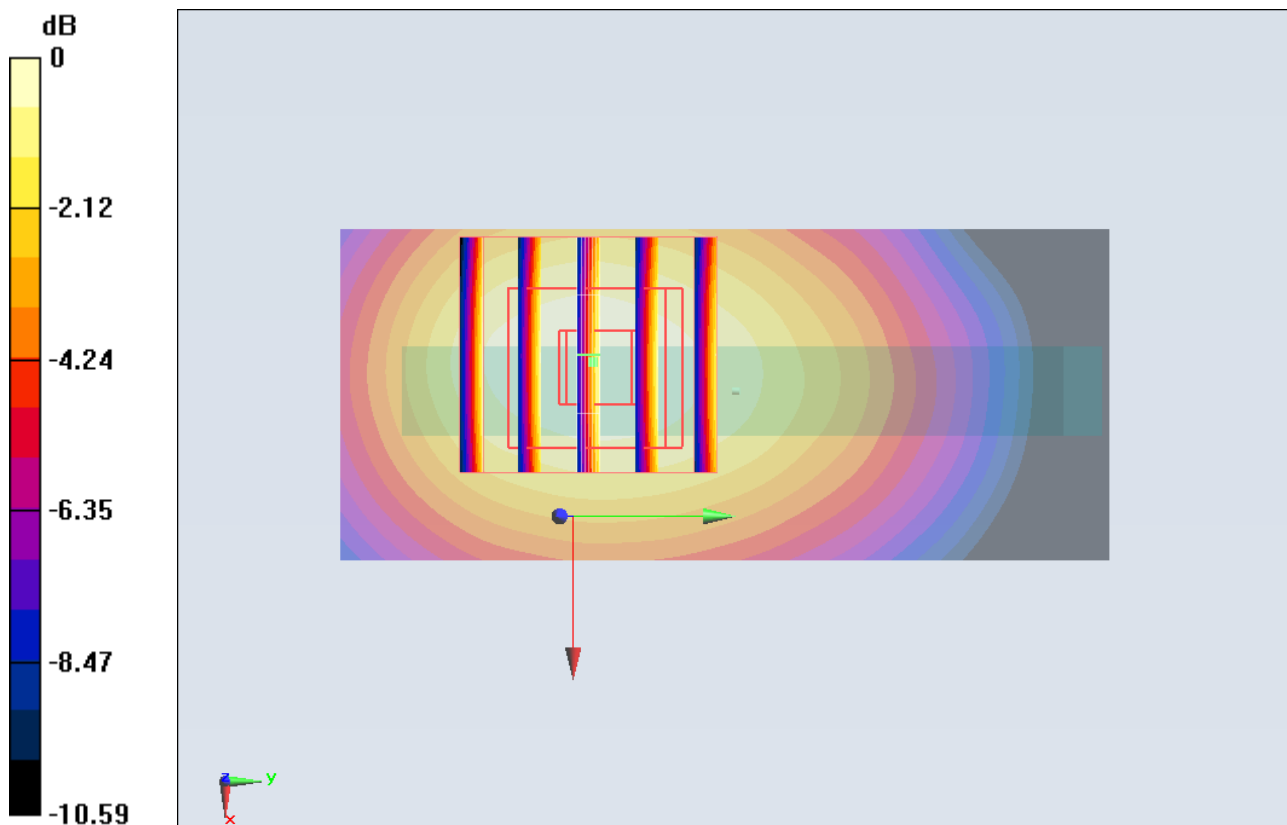
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.979 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.230mW/g

#19 GSM1900_GPRS12_Front_1cm_Ch512

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.383 mW/g

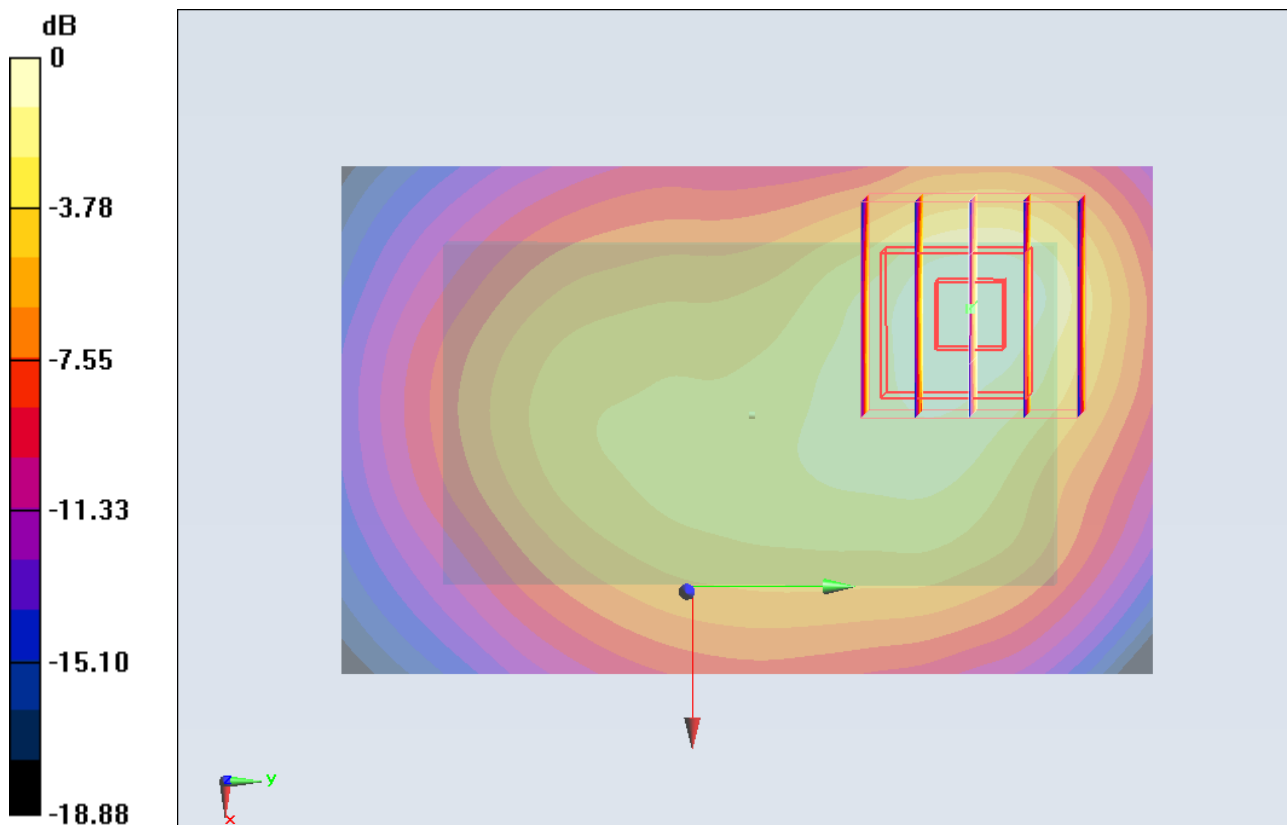
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.342 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.380mW/g

#20 GSM1900_GPRS12_Back_1cm_Ch512

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.396 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.392 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.384 mW/g

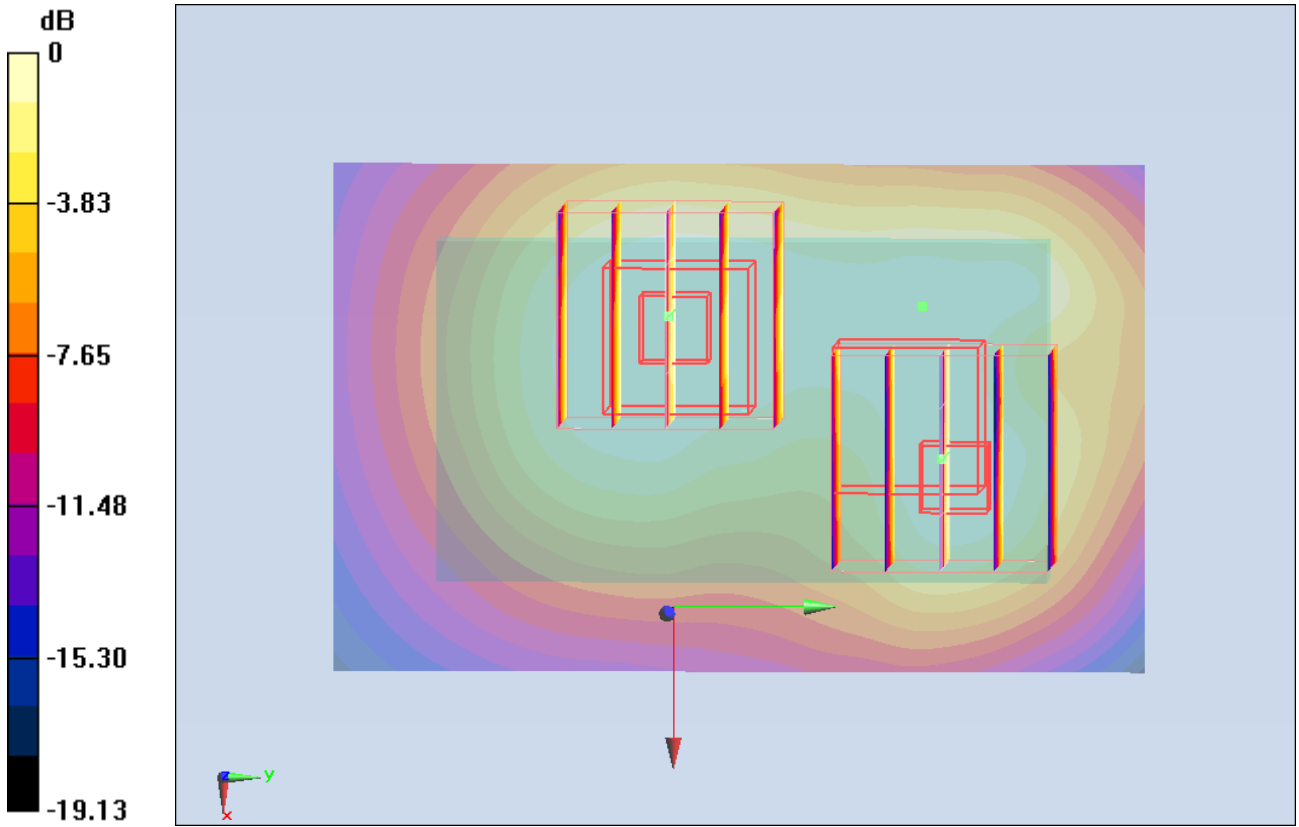
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.392 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



#20 GSM1900_GPRS12_Back_1cm_Ch512_2D

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.396 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.392 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.384 mW/g

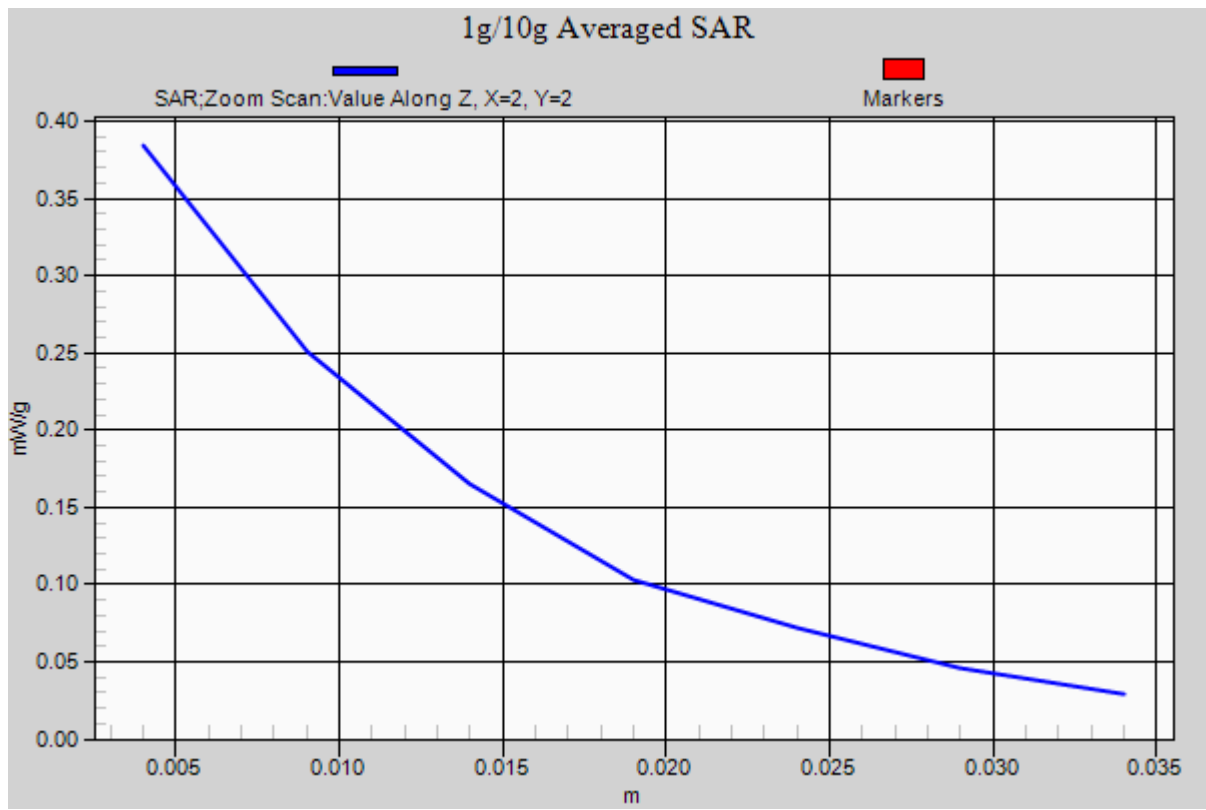
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.392 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



#22 GSM1900_GPRS12_Right Side_1cm_Ch512

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.264 mW/g

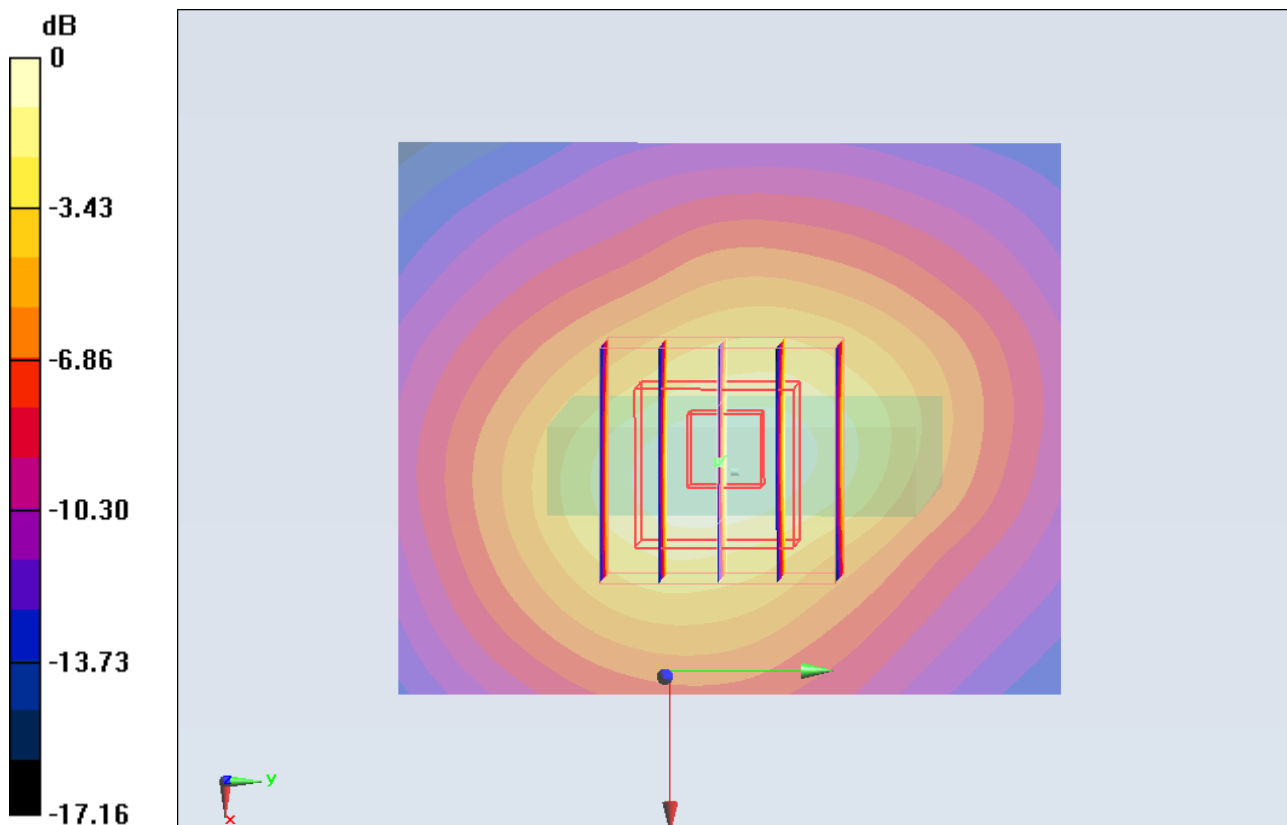
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.466 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



#23 GSM1900_GPRS12_Top Side_1cm_Ch512

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.301 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.125 mW/g

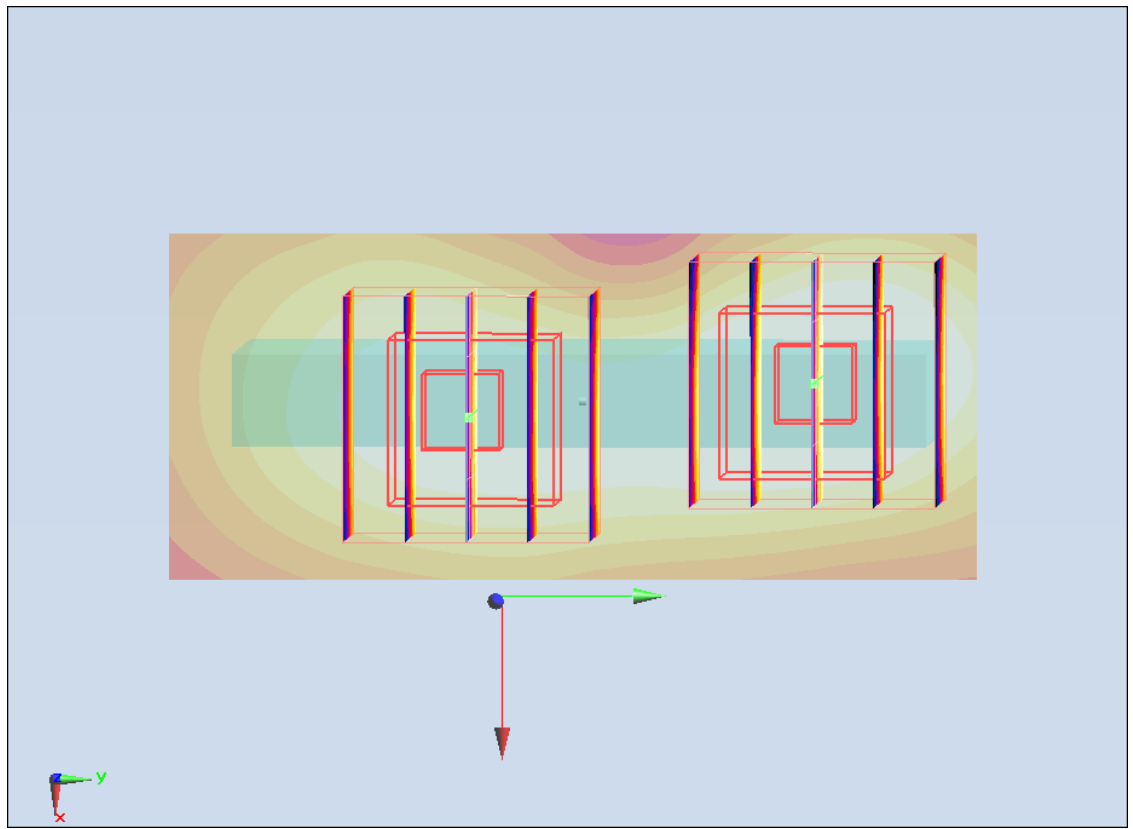
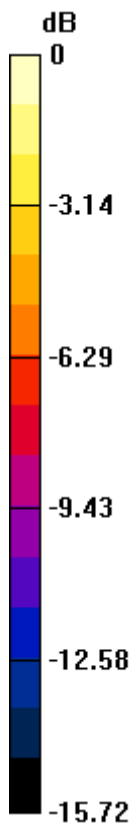
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.301 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.080mW/g

#24 GSM1900_GPRS12_Bottom Side_1cm_Ch512

DUT: 1N2312-01

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111205 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r =$

53.861 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

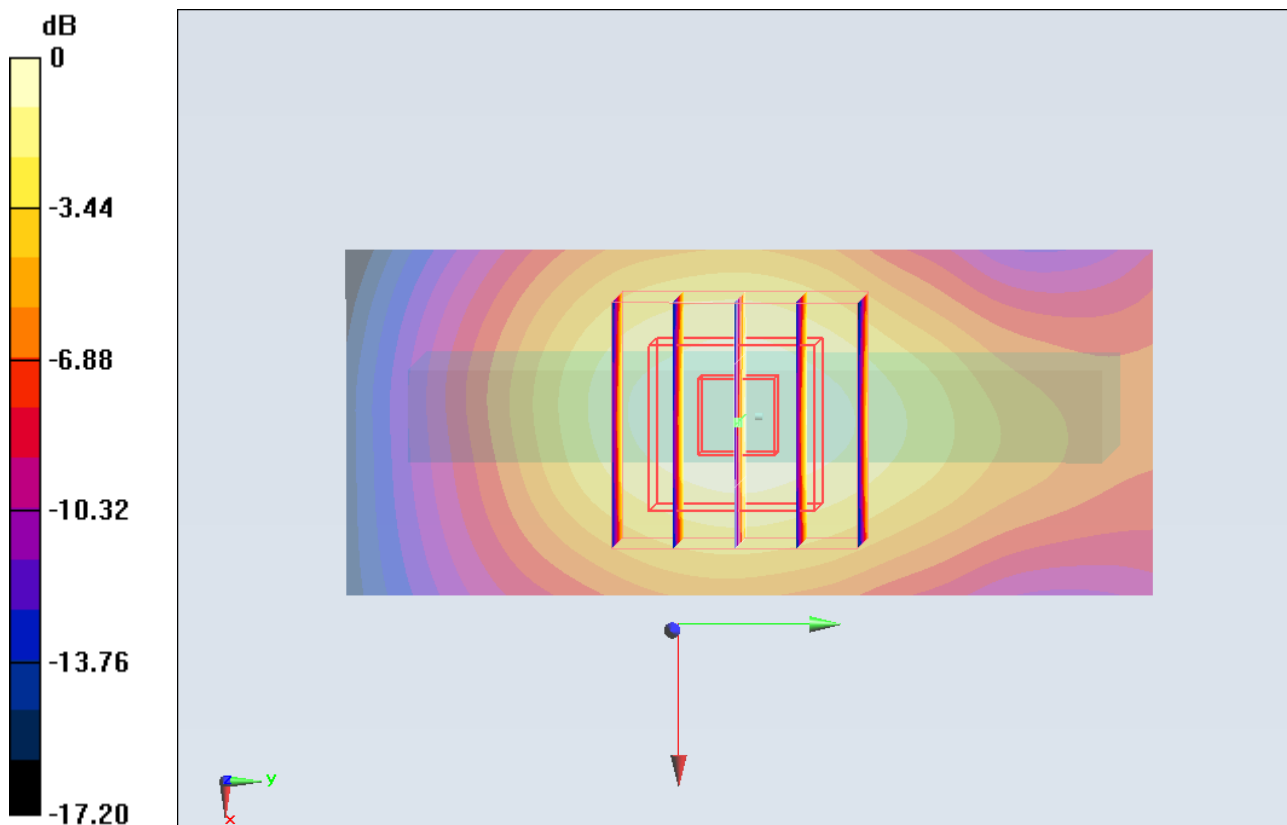
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.412 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.130mW/g

#07 WCDMA V_RMC12.2K_Front_1cm_Ch4182

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.383 mW/g

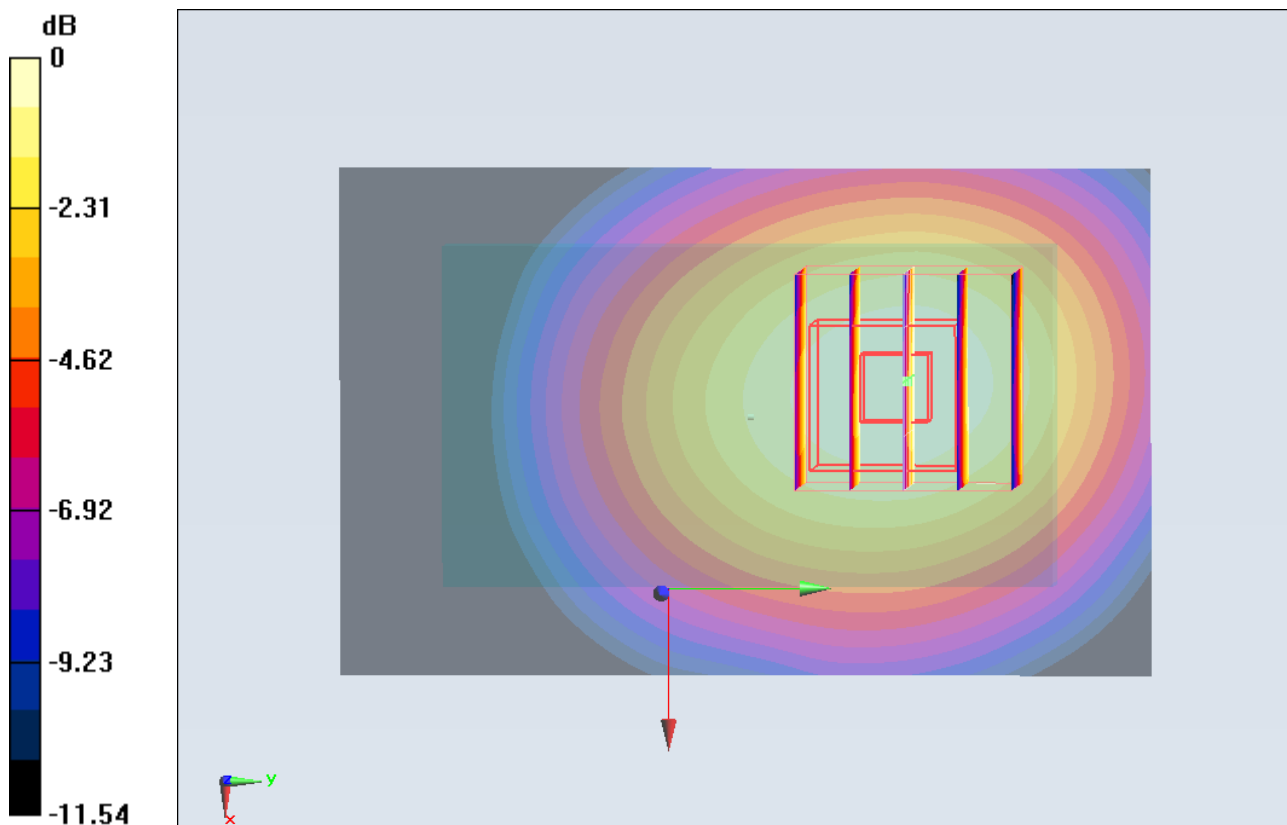
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.707 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.380 mW/g



0 dB = 0.380mW/g

#08 WCDMA V_RMC12.2K_Back_1cm_Ch4182

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.661 mW/g

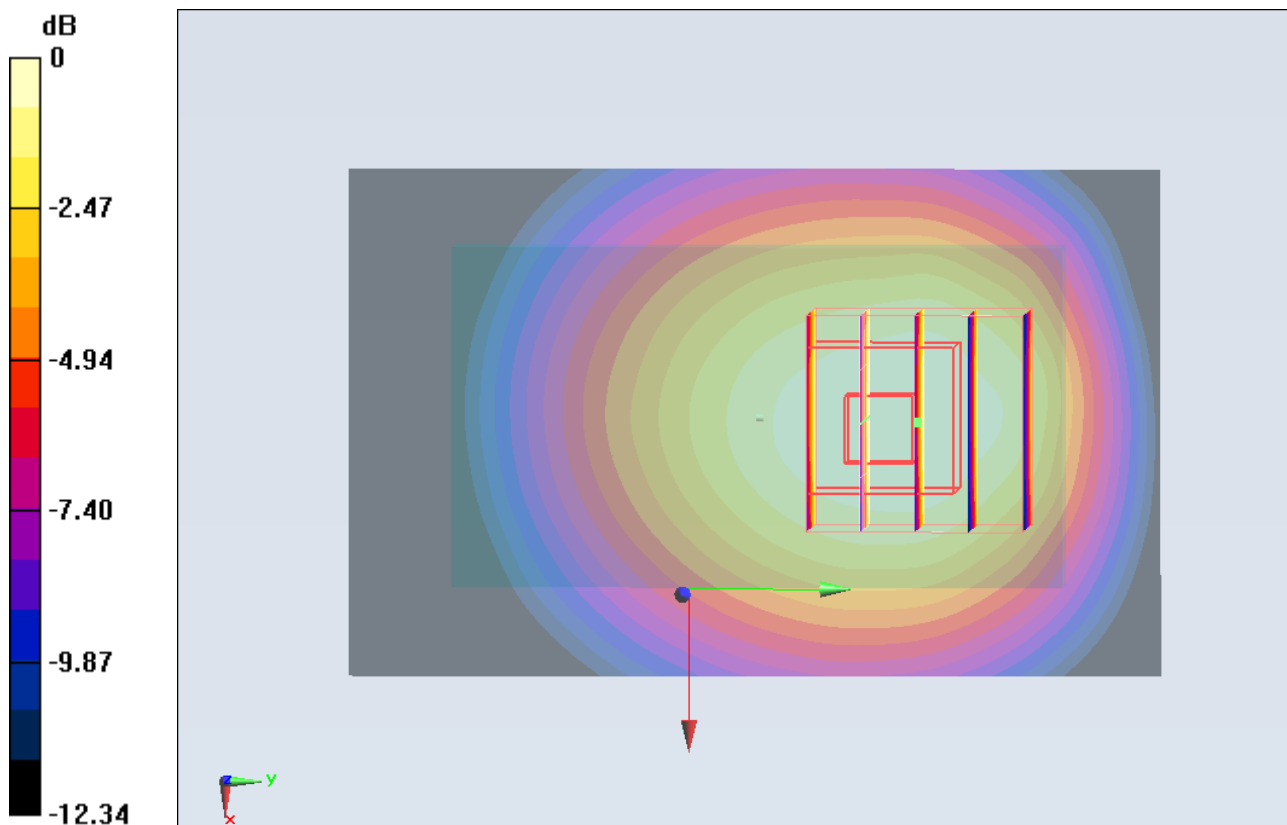
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.513 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.630mW/g

#08 WCDMA V_RMC12.2K_Back_1cm_Ch4182_2D

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.661 mW/g

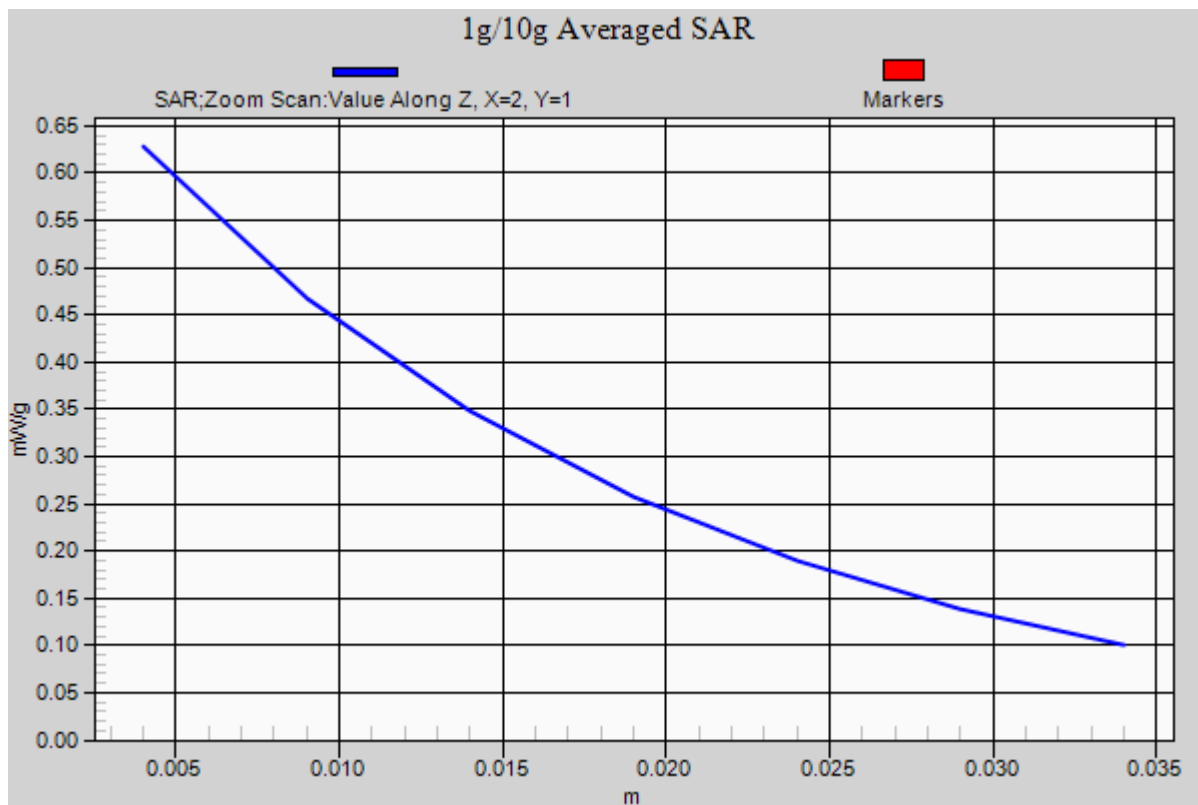
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.513 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.628 mW/g



#10 WCDMA V_RMC12.2K_Right Side_1cm_Ch4182

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

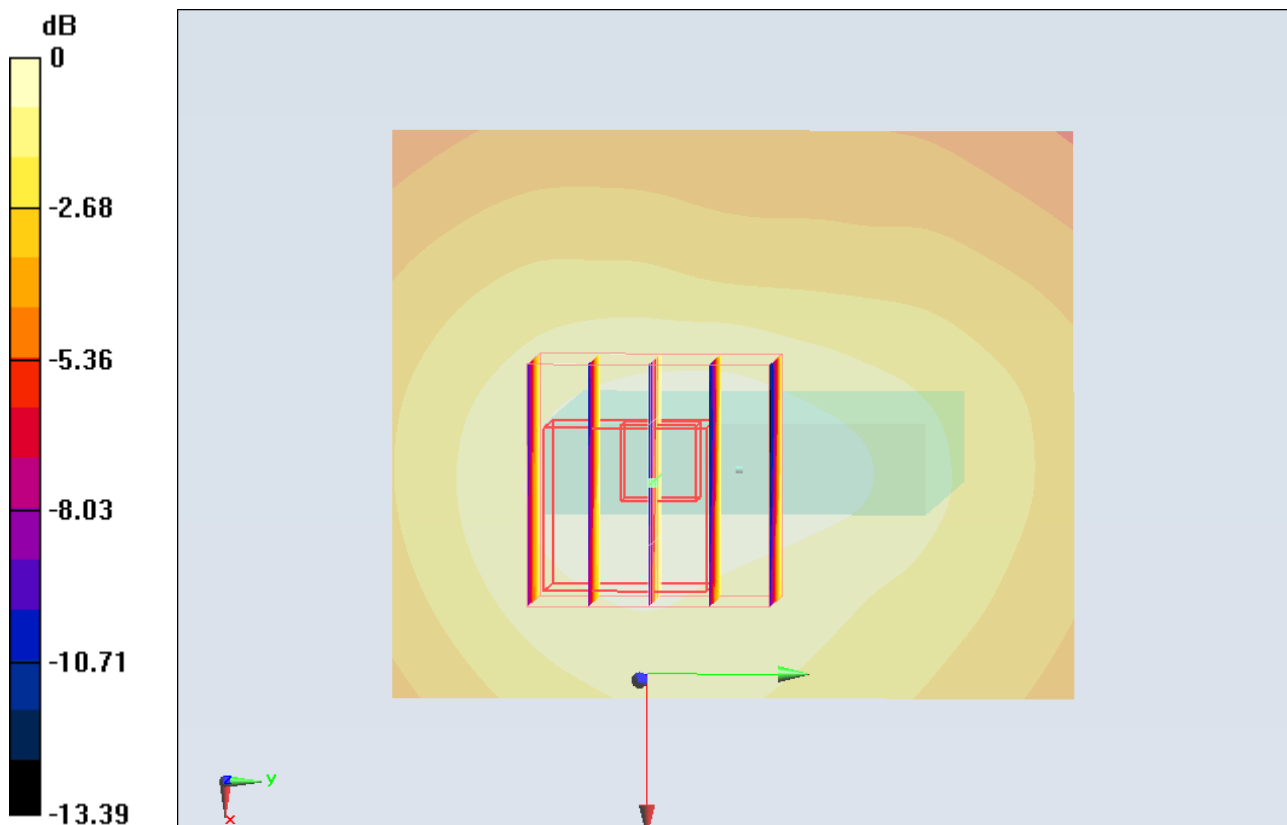
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.350 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.070mW/g

#11 WCDMA V_RMC12.2K_Top Side_1cm_Ch4182

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.218 mW/g

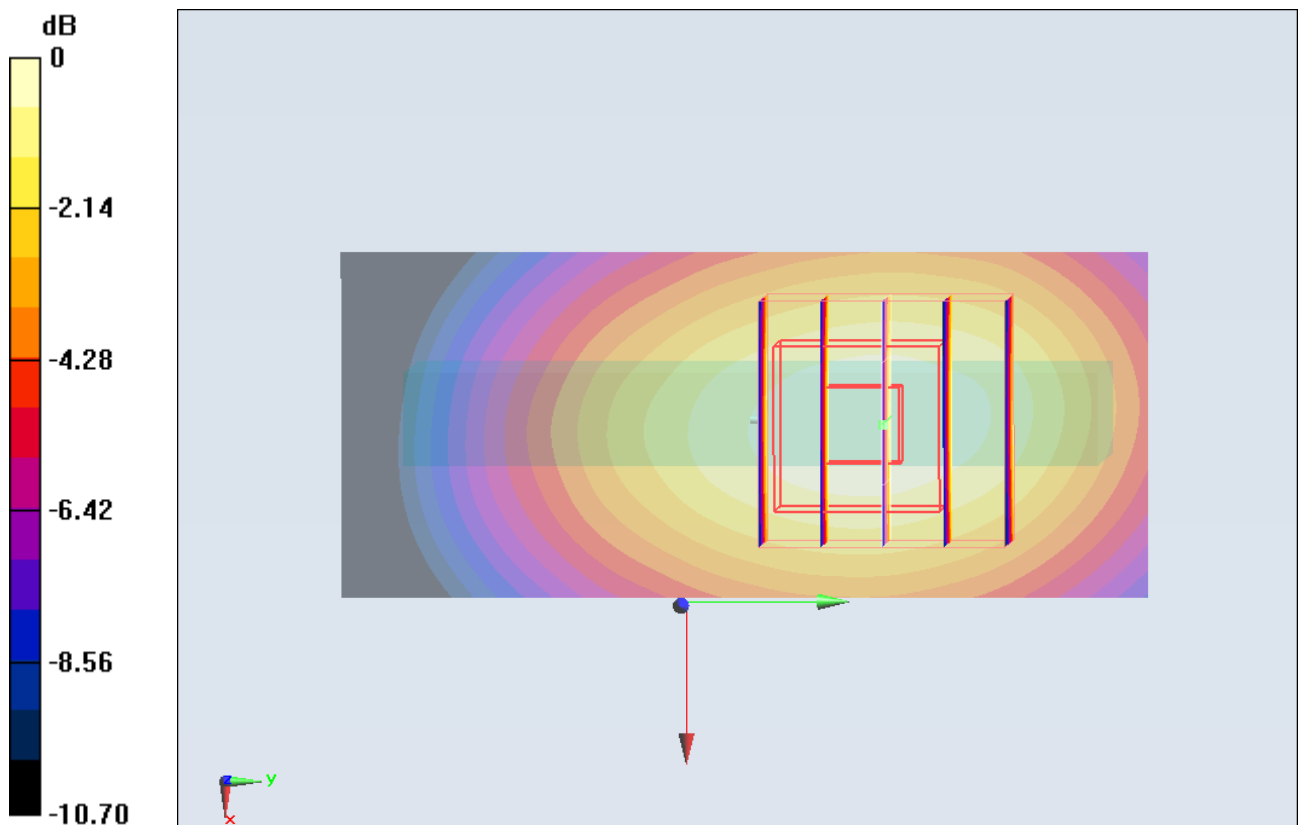
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.022 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.220mW/g

#12 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4182

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_111205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.242 mW/g

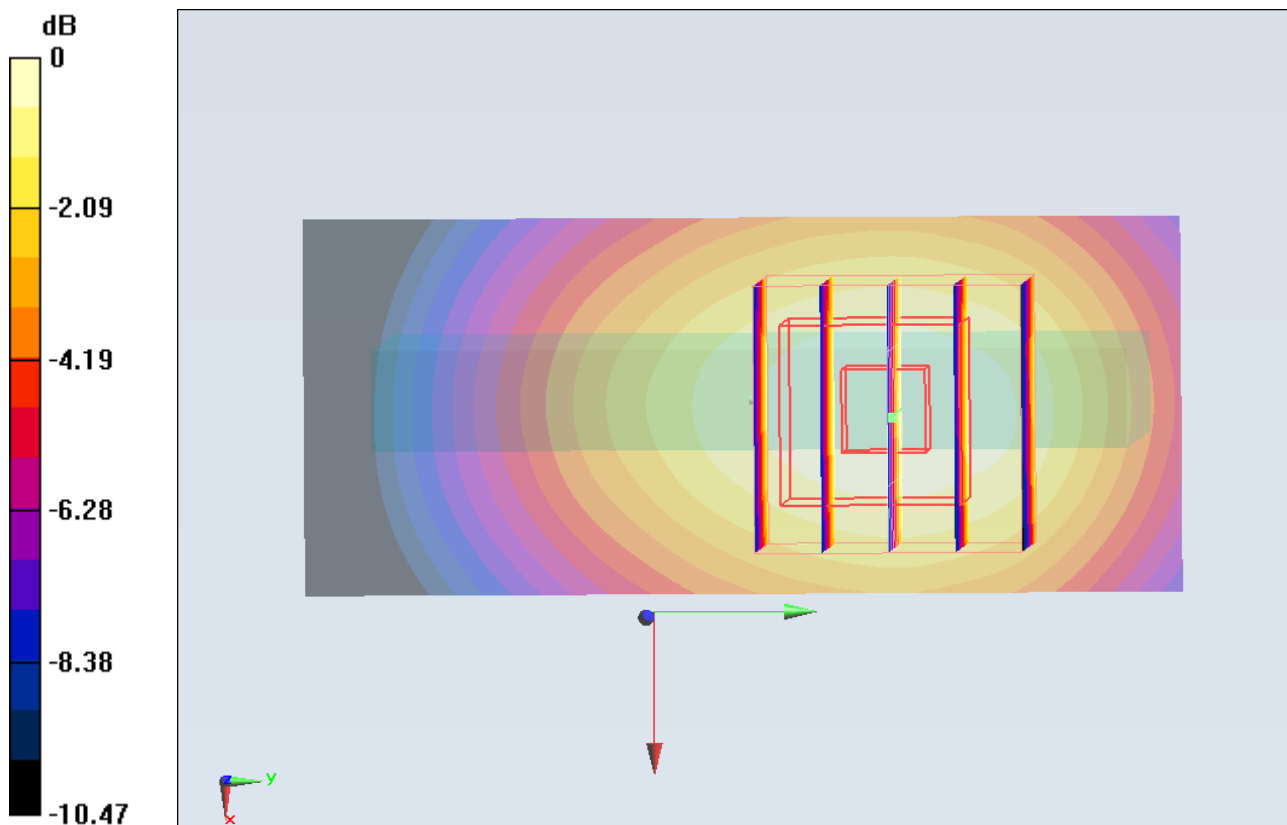
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.602 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.240mW/g

#25 WCDMA IV_RMC12.2K_Front_1cm_Ch1413

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

51.816; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.865 mW/g

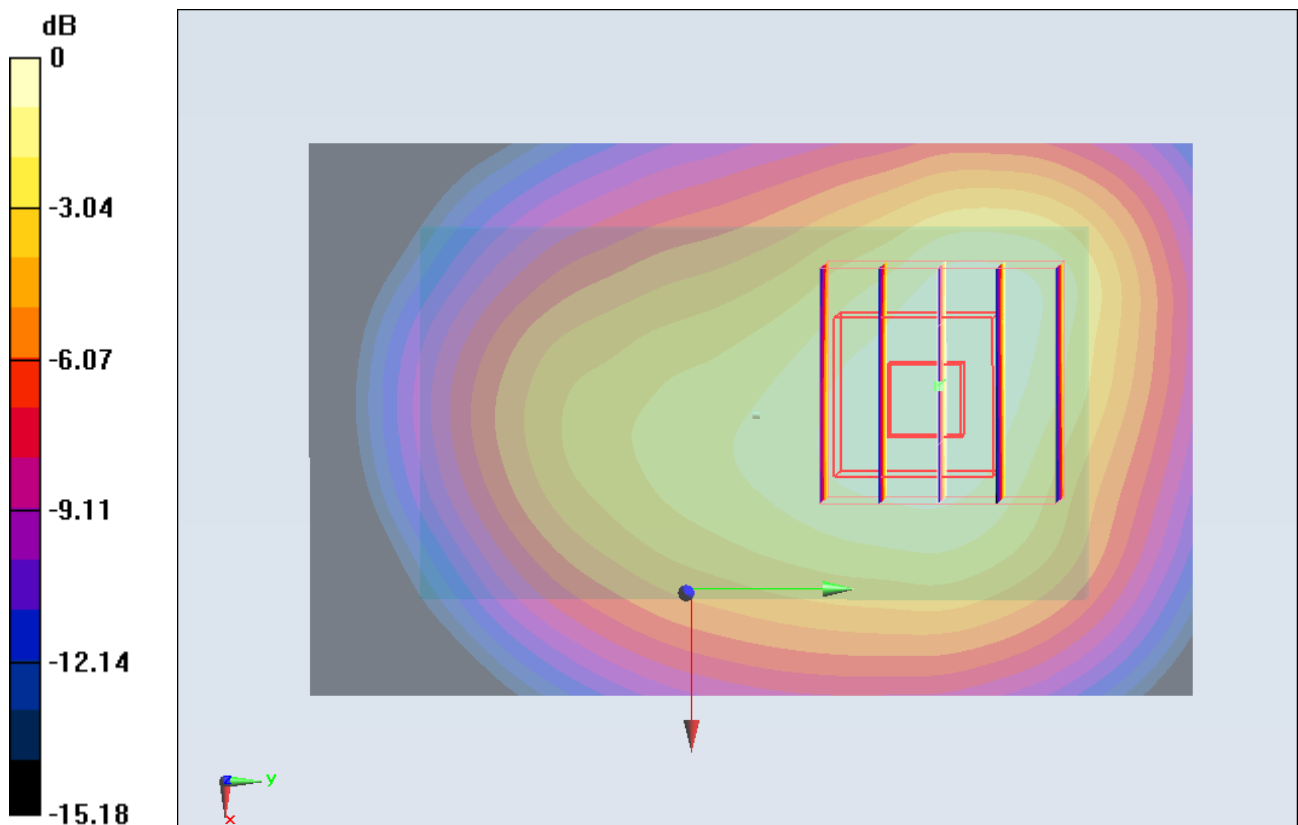
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.898 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.285 W/kg

SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.861 mW/g



0 dB = 0.860mW/g

#26 WCDMA IV_RMC12.2K_Back_1cm_Ch1413

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

51.816 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.366 mW/g

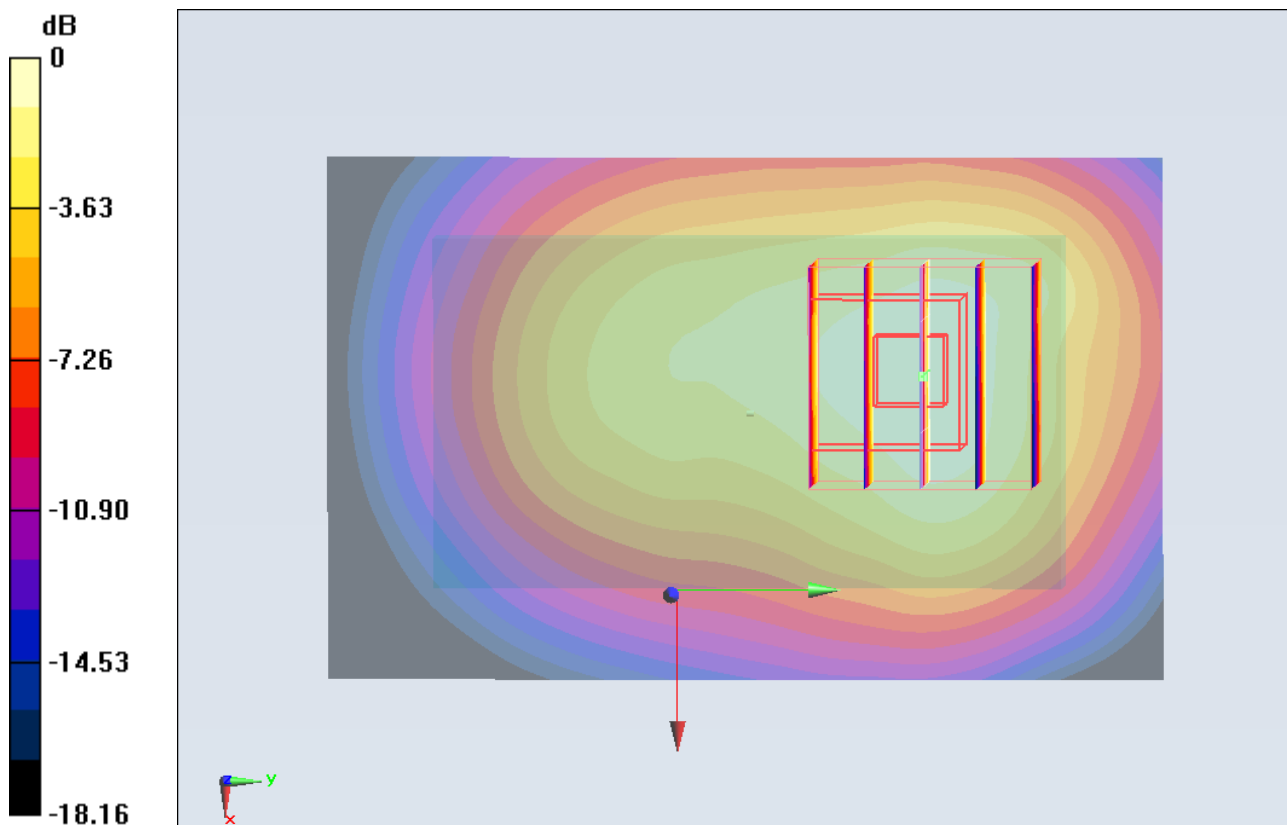
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.450 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.229 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.766 mW/g

Maximum value of SAR (measured) = 1.403 mW/g



0 dB = 1.400mW/g

#26 WCDMA IV_RMC12.2K_Back_1cm_Ch1413_2D

DUT: 1N2312-01

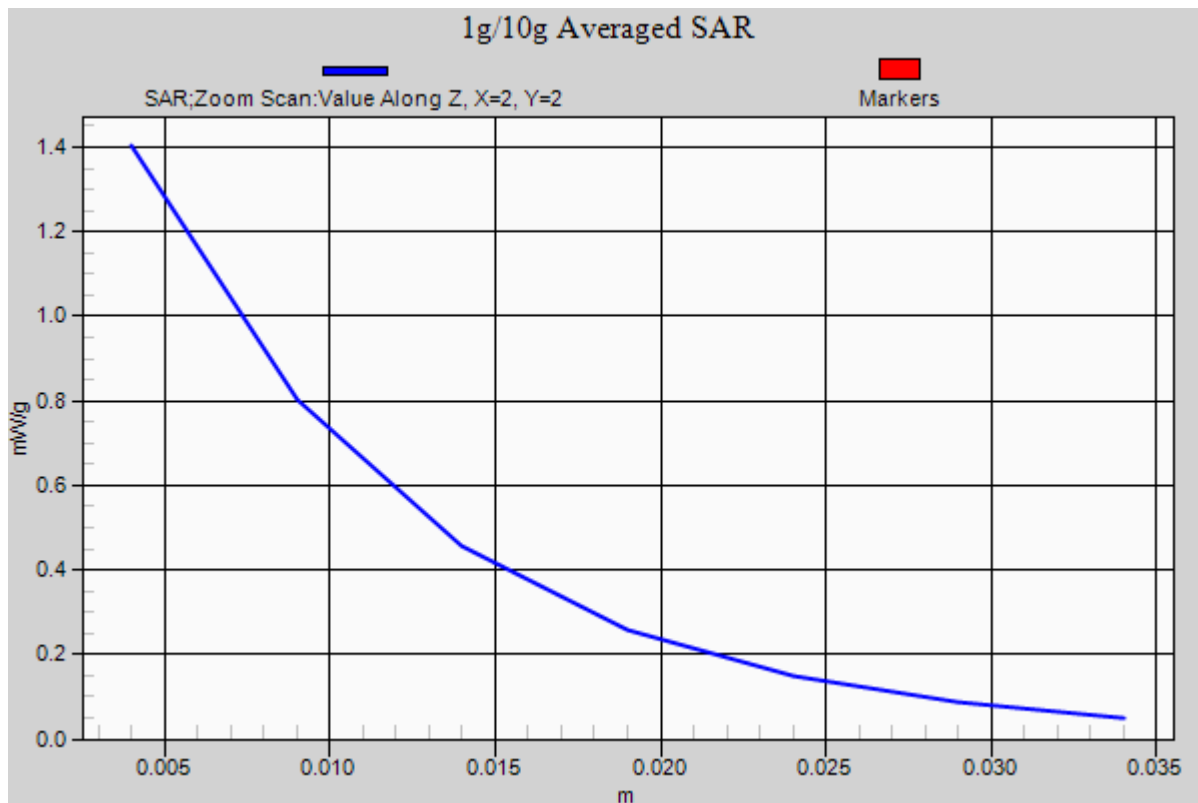
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750_111206 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 51.816$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.366 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.450 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.229 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.766 mW/g
Maximum value of SAR (measured) = 1.403 mW/g



#28 WCDMA IV_RMC12.2K_Right Side_1cm_Ch1413

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.512 \text{ mho/m}$; $\epsilon_r =$

51.816 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (51x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.817 mW/g

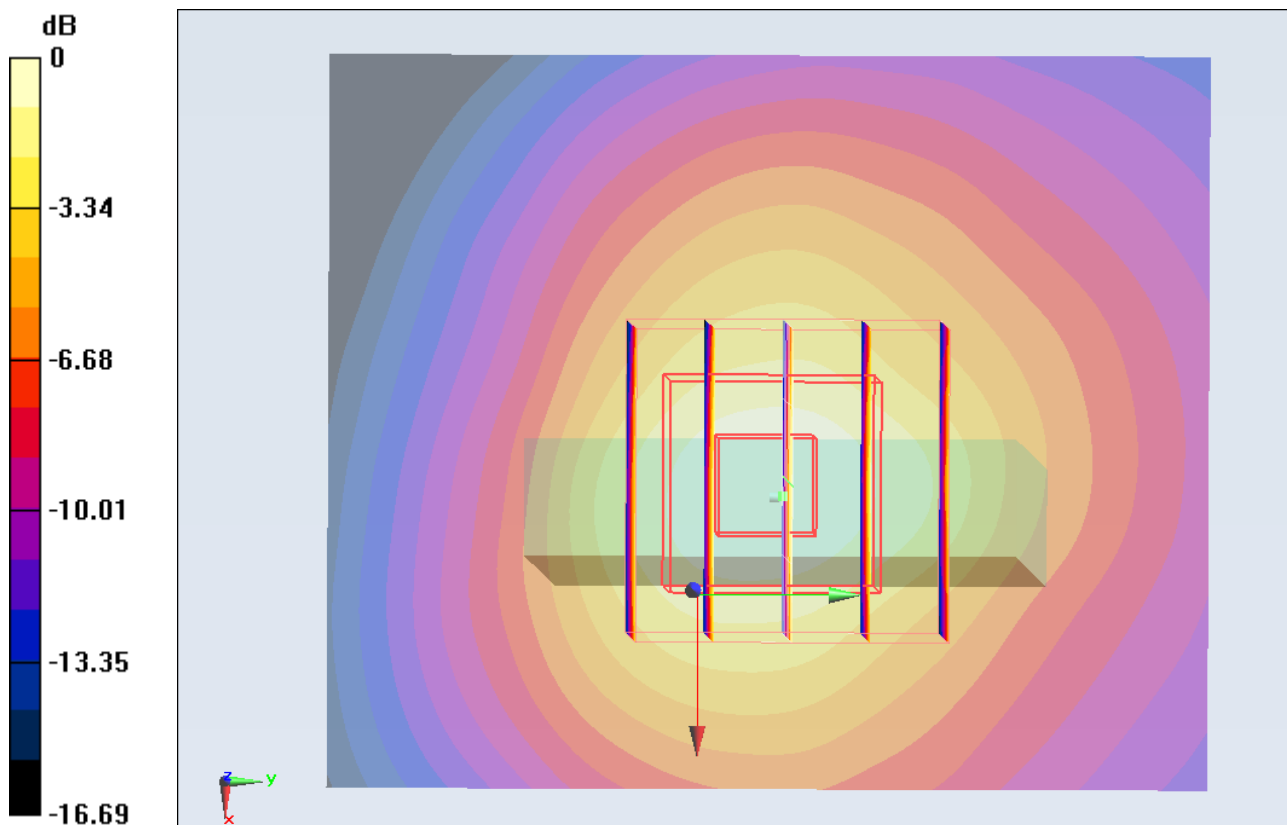
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.147 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.204 W/kg

SAR(1 g) = 0.735 mW/g ; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.810mW/g

#29 WCDMA IV_RMC12.2K_Top Side_1cm_Ch1413

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

51.816; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.216 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.980 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.195 mW/g

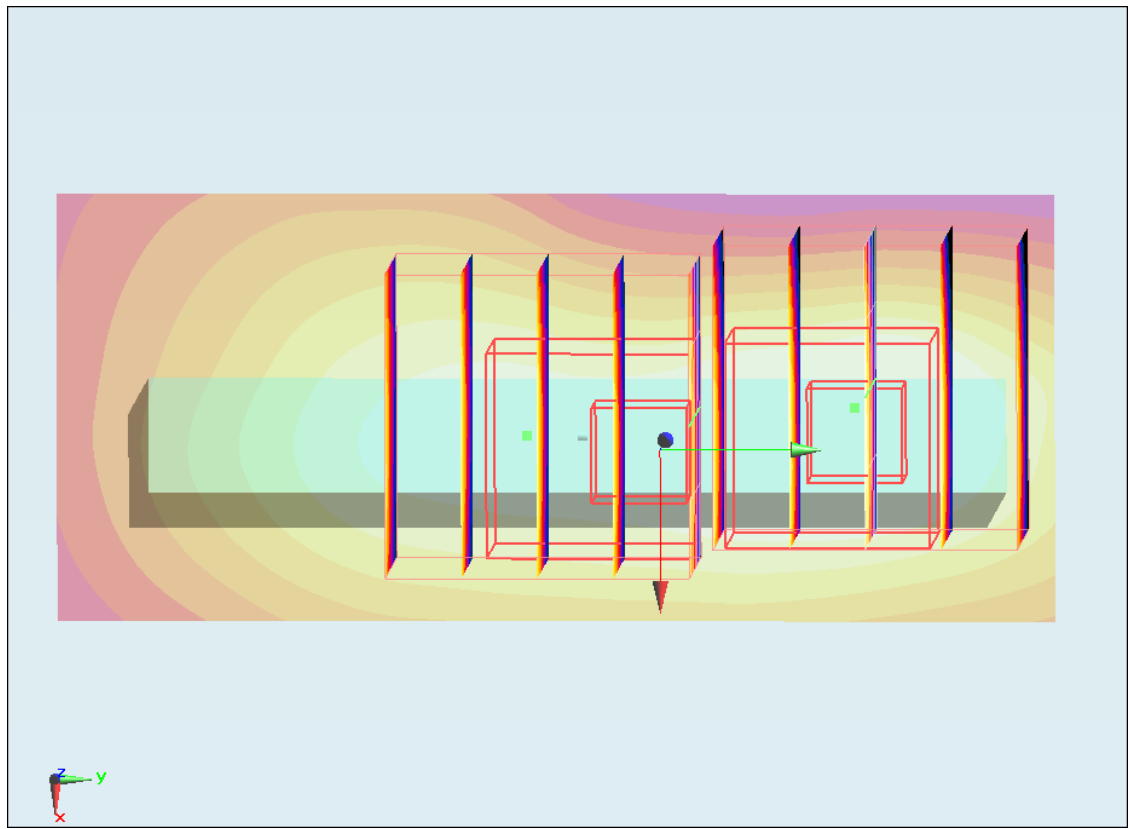
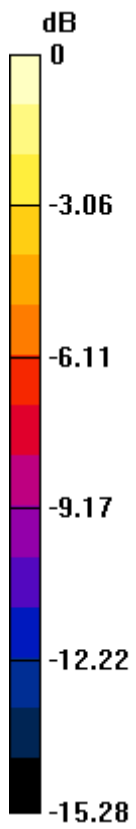
Ch1413/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.980 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.160mW/g

#30 WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1413

DUT: 1N2312-01

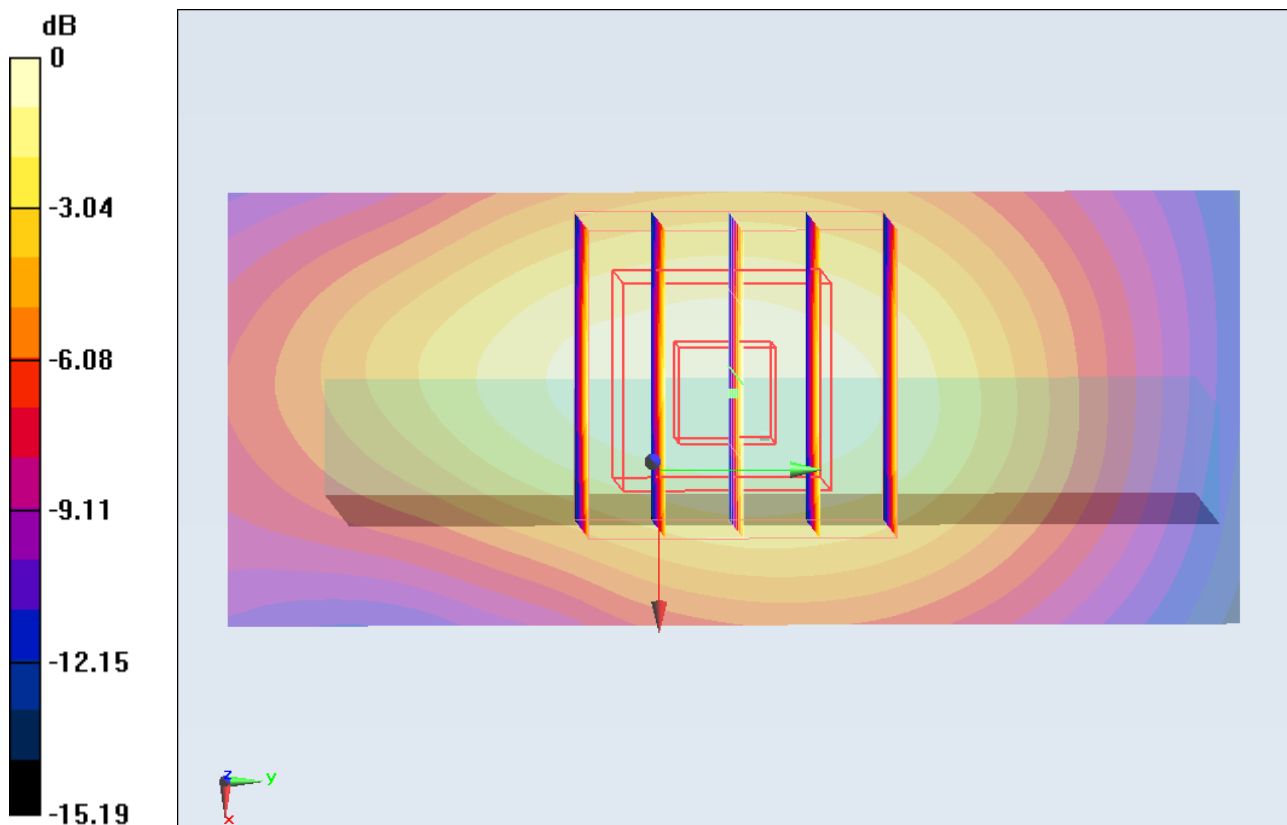
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: MSL_1750_111206 Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.512 \text{ mho/m}$; $\epsilon_r = 51.816$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.440 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.837 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.440 mW/g



0 dB = 0.440mW/g

#31 WCDMA IV_RMC12.2K_Front_1cm_Ch1312

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.879 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1312/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.841 mW/g

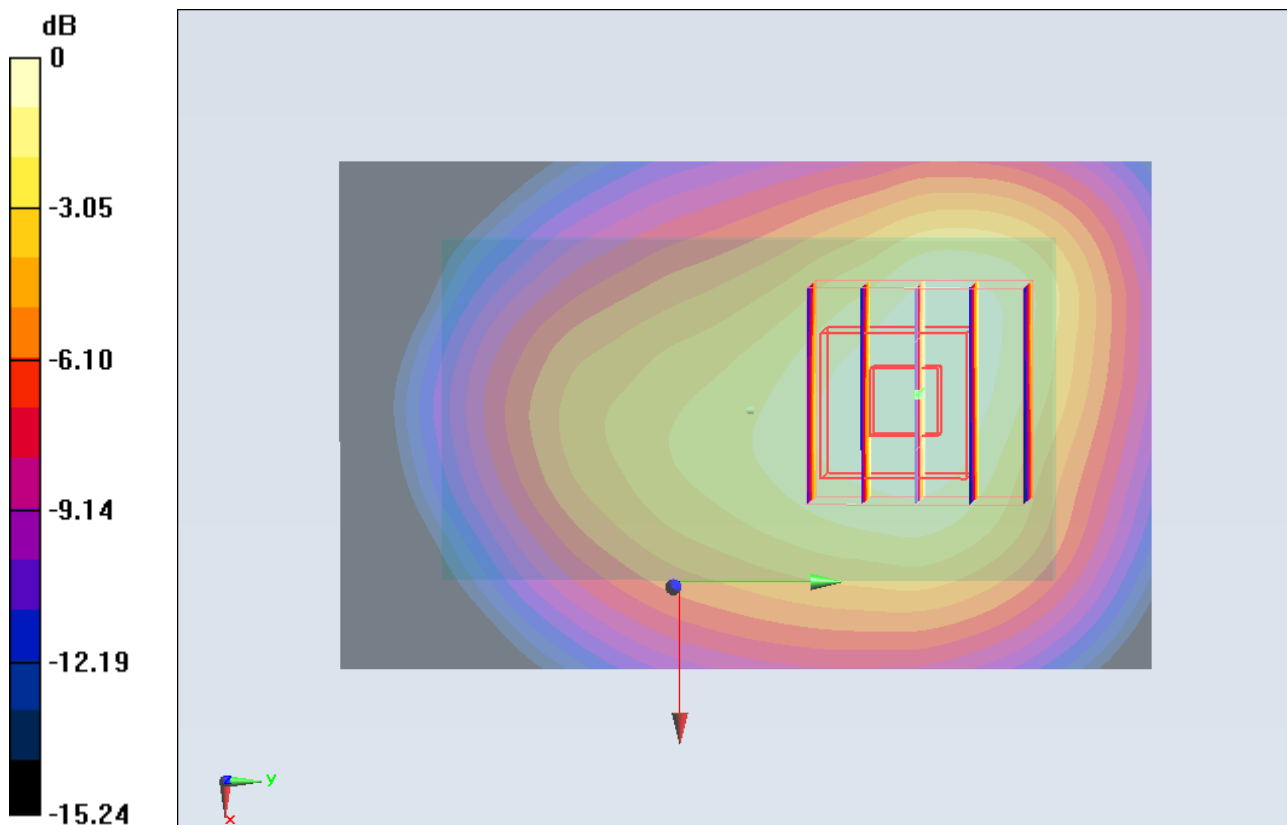
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.206 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.233 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.830mW/g

#32 WCDMA IV_RMC12.2K_Front_1cm_Ch1513

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r =$

51.754; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.602 mW/g

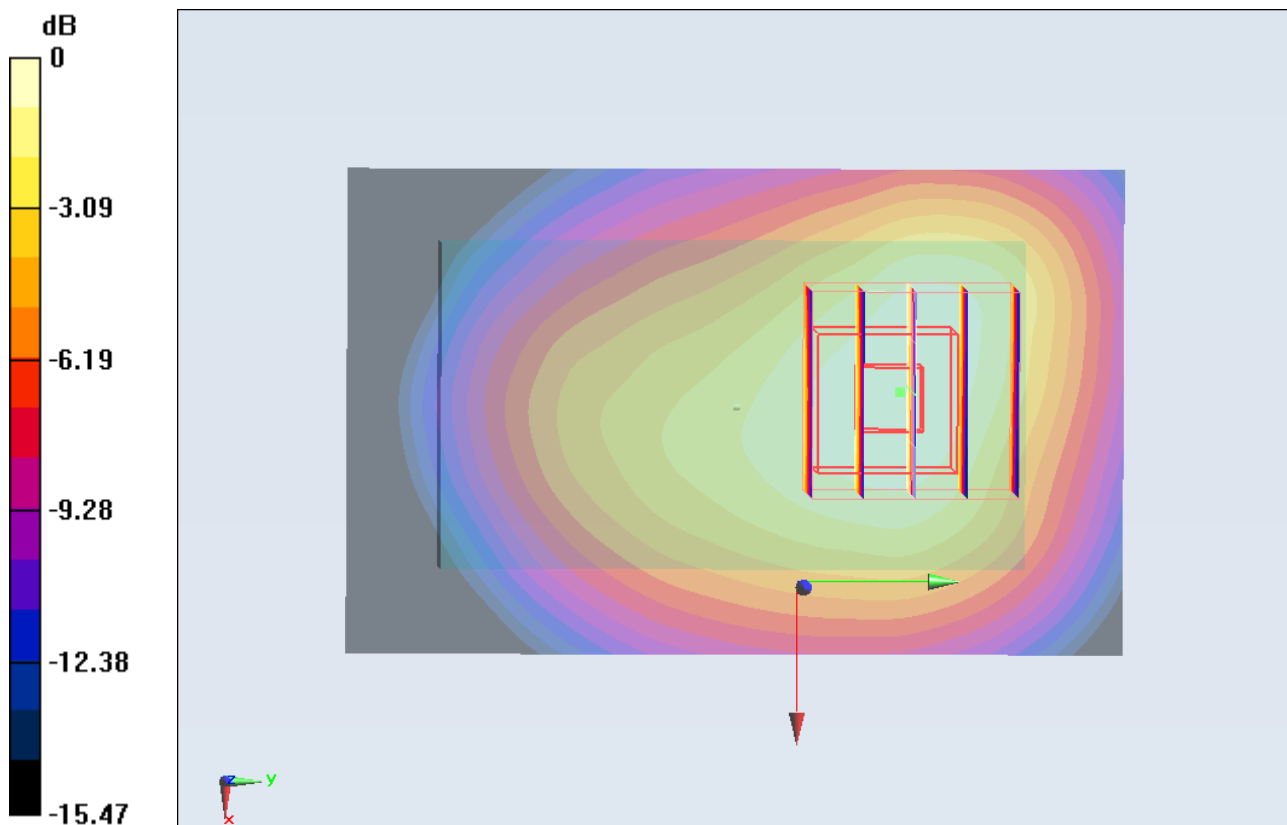
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.906 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.590mW/g

#33 WCDMA IV_RMC12.2K_Back_1cm_Ch1312

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.879; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1312/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.367 mW/g

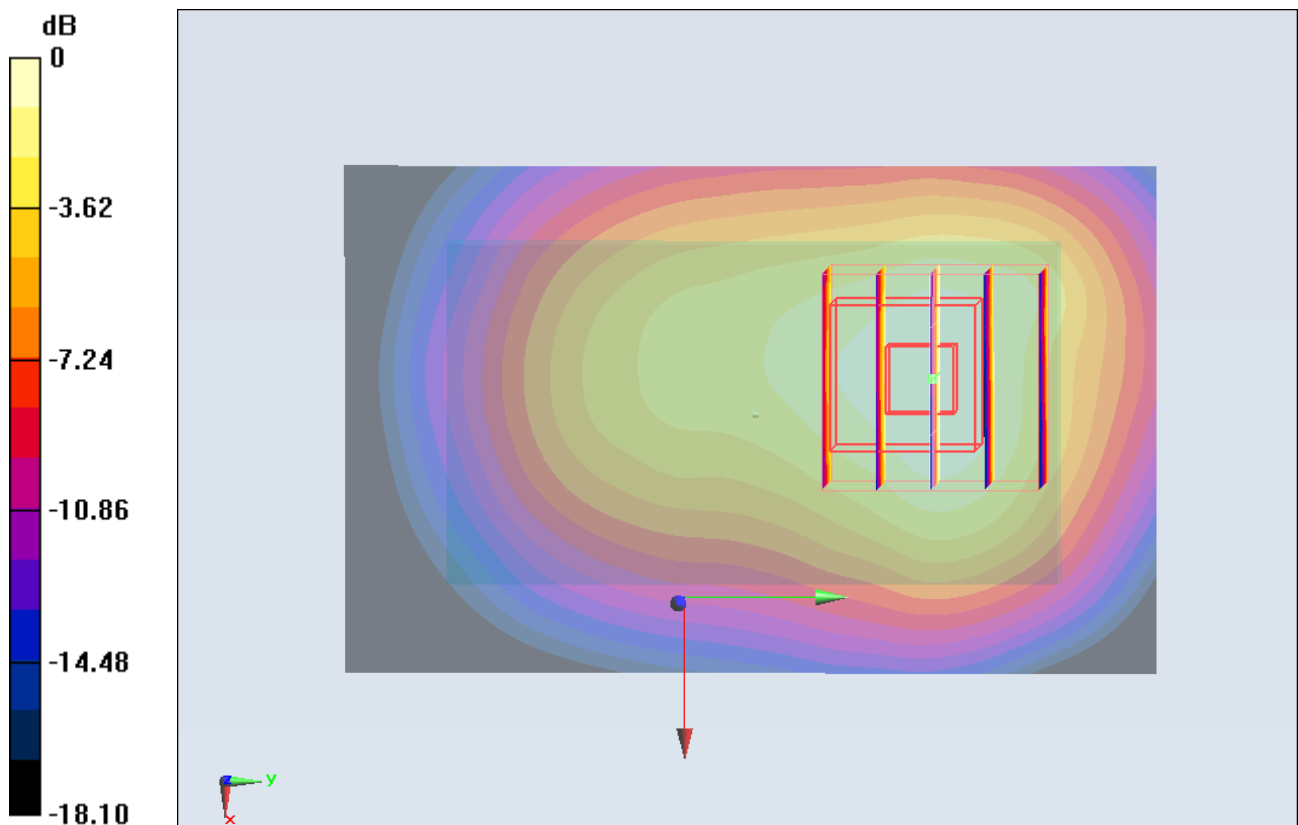
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.137 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.201 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.739 mW/g

Maximum value of SAR (measured) = 1.367 mW/g



0 dB = 1.370mW/g

#34 WCDMA IV_RMC12.2K_Back_1cm_Ch1513

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_111206 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r =$

51.754; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.843 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.888 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.408 W/kg

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.873 mW/g

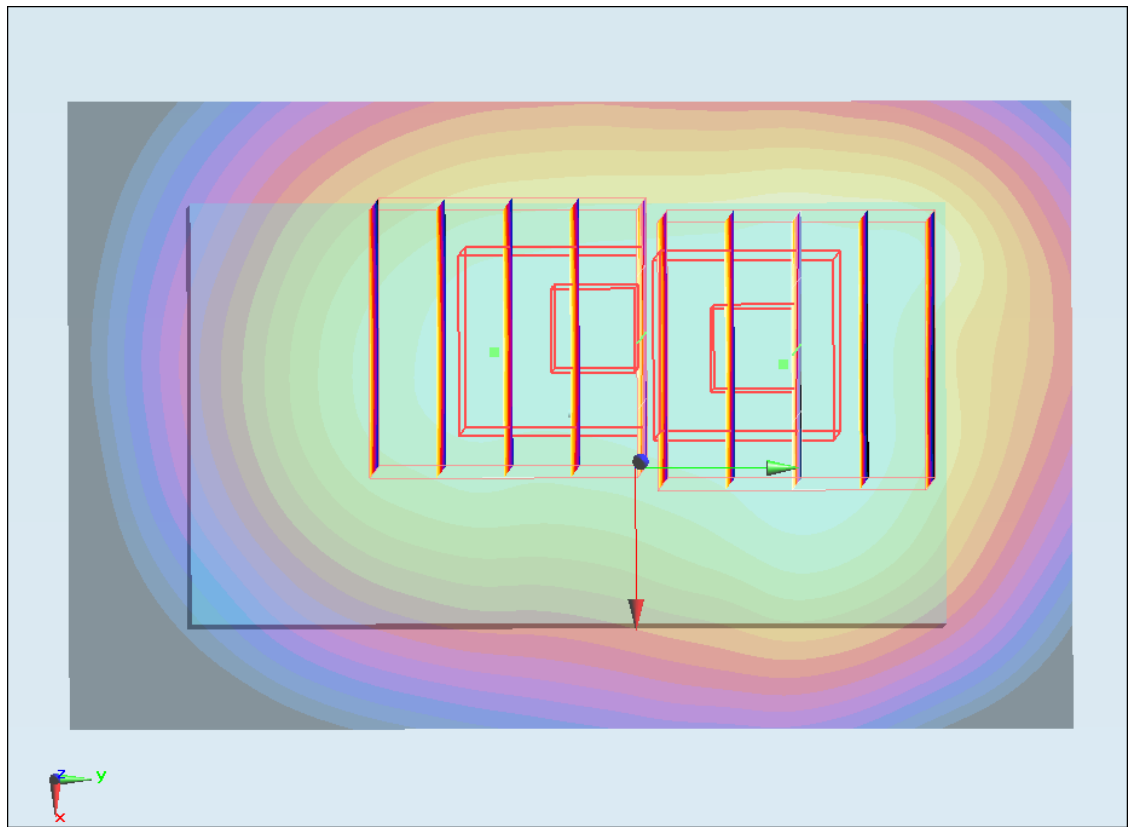
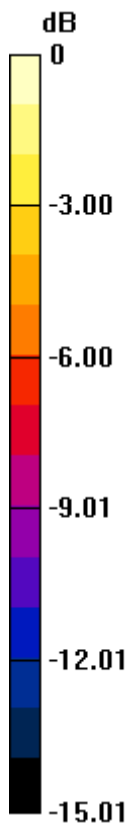
Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.888 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.721 mW/g



0 dB = 0.720mW/g

#13 WCDMA II_RMC12.2K_Front_1cm_Ch9262

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.553 mW/g

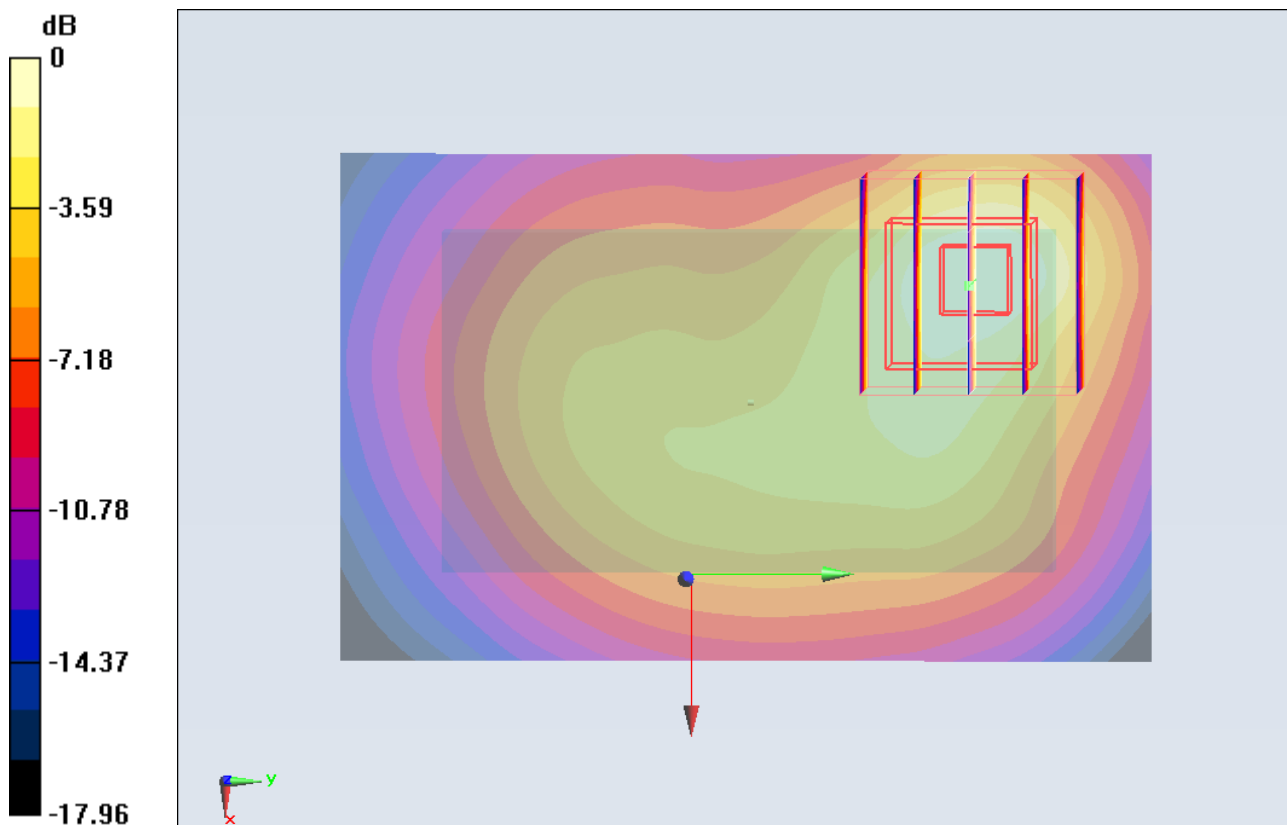
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.480 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.832 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.540mW/g

#14 WCDMA II_RMC12.2K_Back_1cm_Ch9262

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.925 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.036 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.602 mW/g

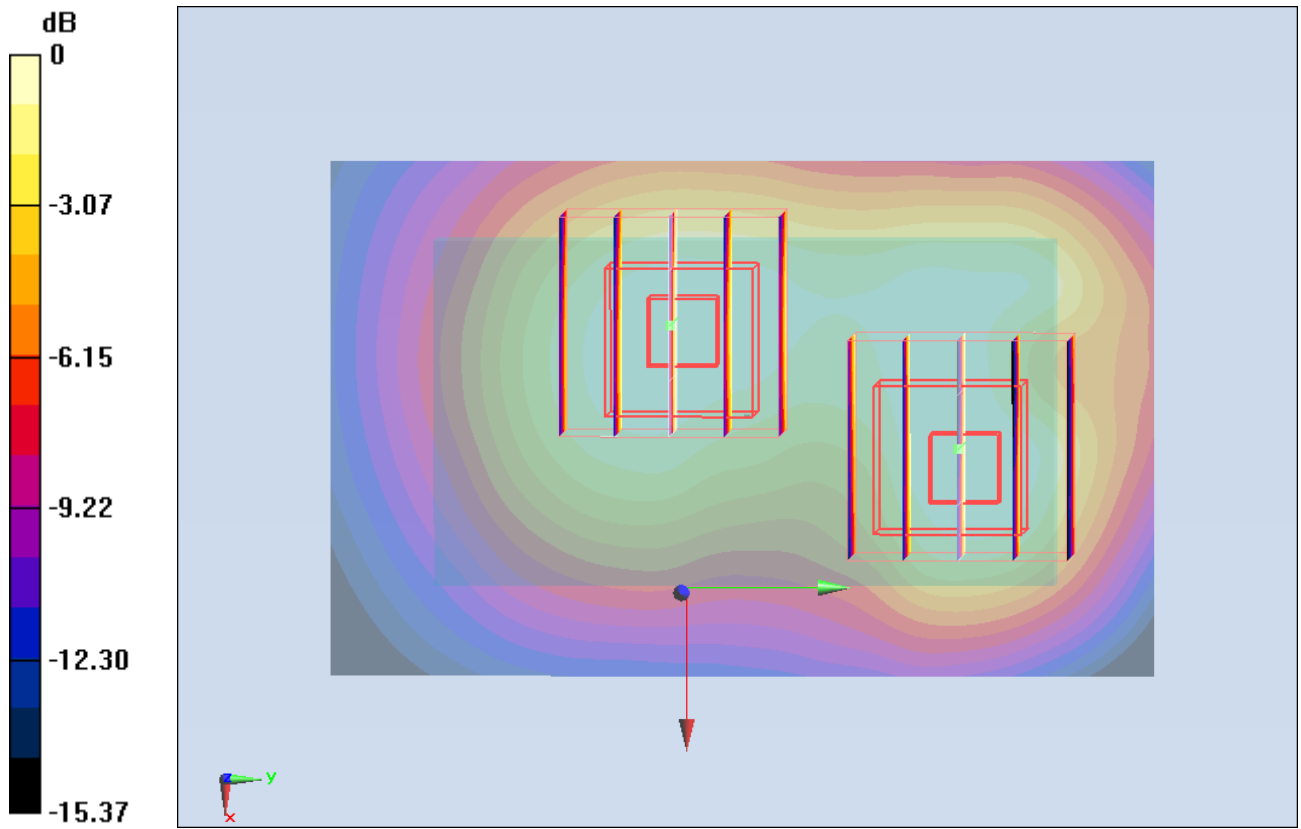
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.925 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.540 mW/g



0 dB = 0.540mW/g

#14 WCDMA II_RMC12.2K_Back_1cm_Ch9262_2D

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.925 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.036 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.602 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

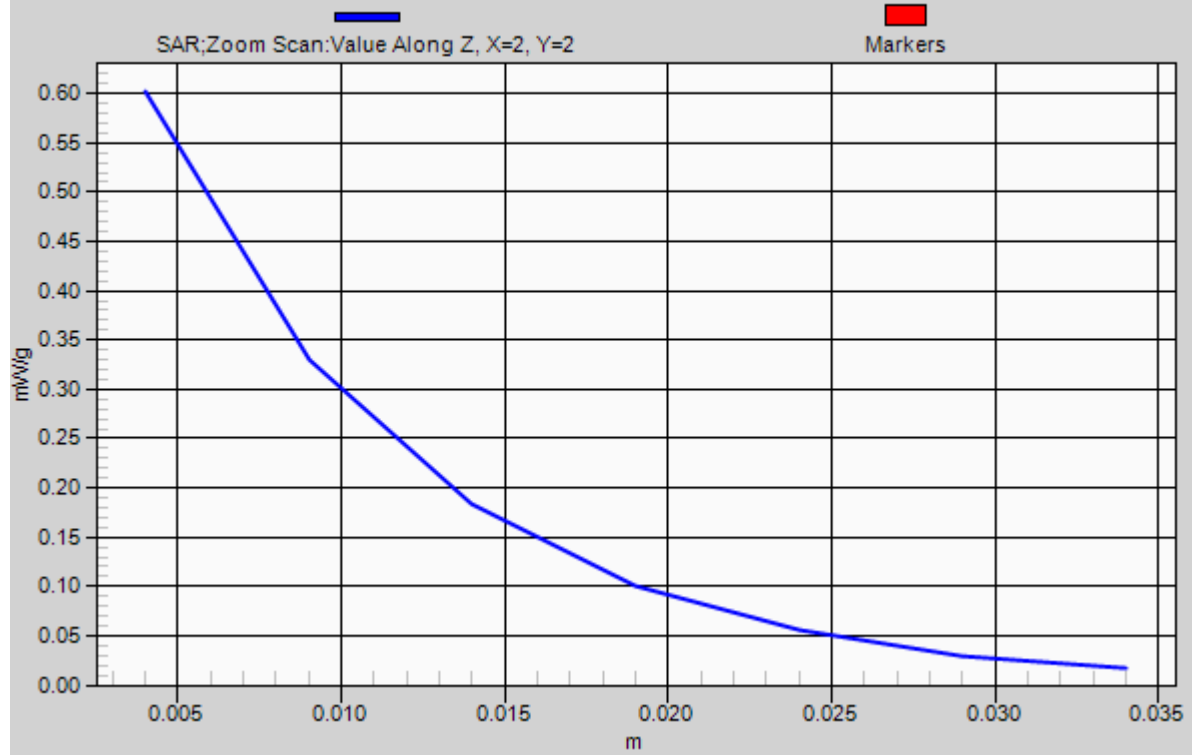
Reference Value = 15.925 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.540 mW/g

1g/10g Averaged SAR



#16 WCDMA II_RMC12.2K_Right Side_1cm_Ch9262

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.426 mW/g

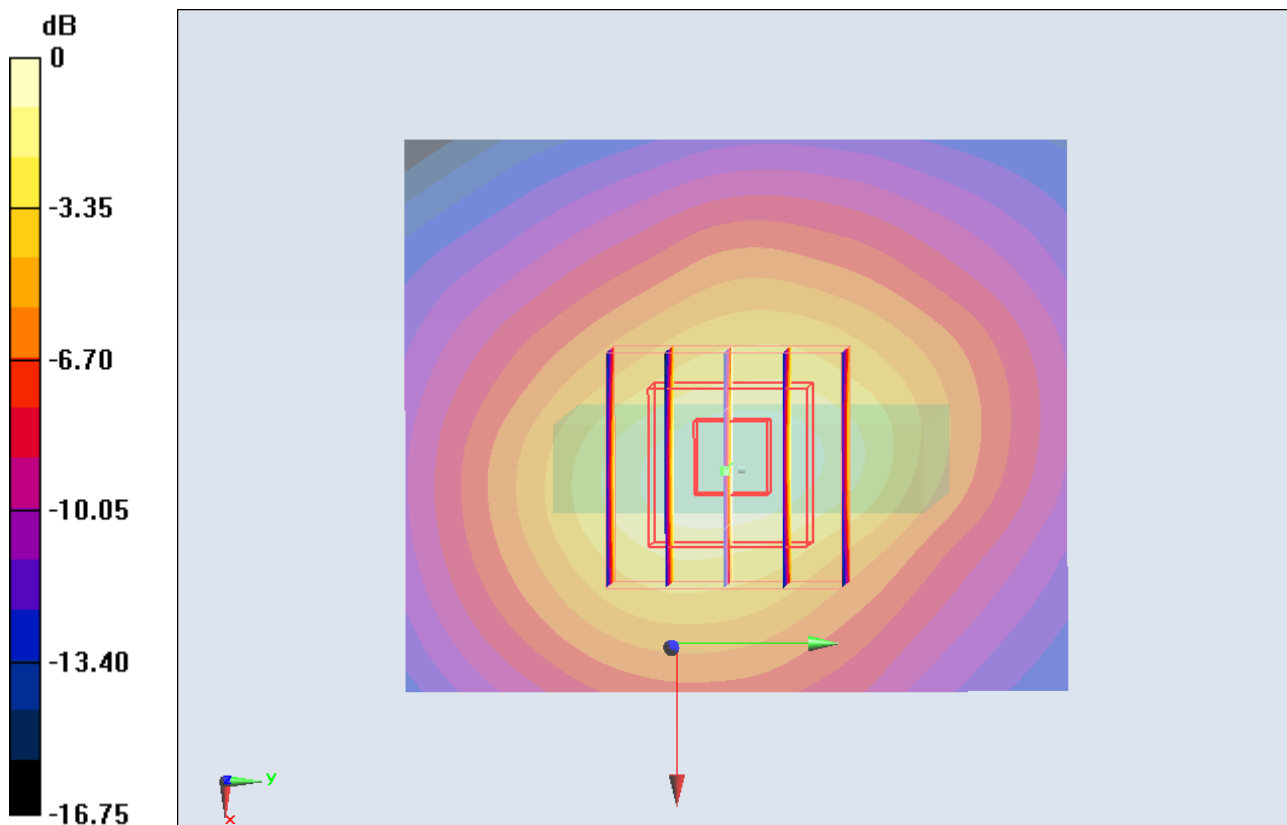
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.148 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.430mW/g

#17 WCDMA II_RMC12.2K_Top Side_1cm_Ch9262

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.222 mW/g

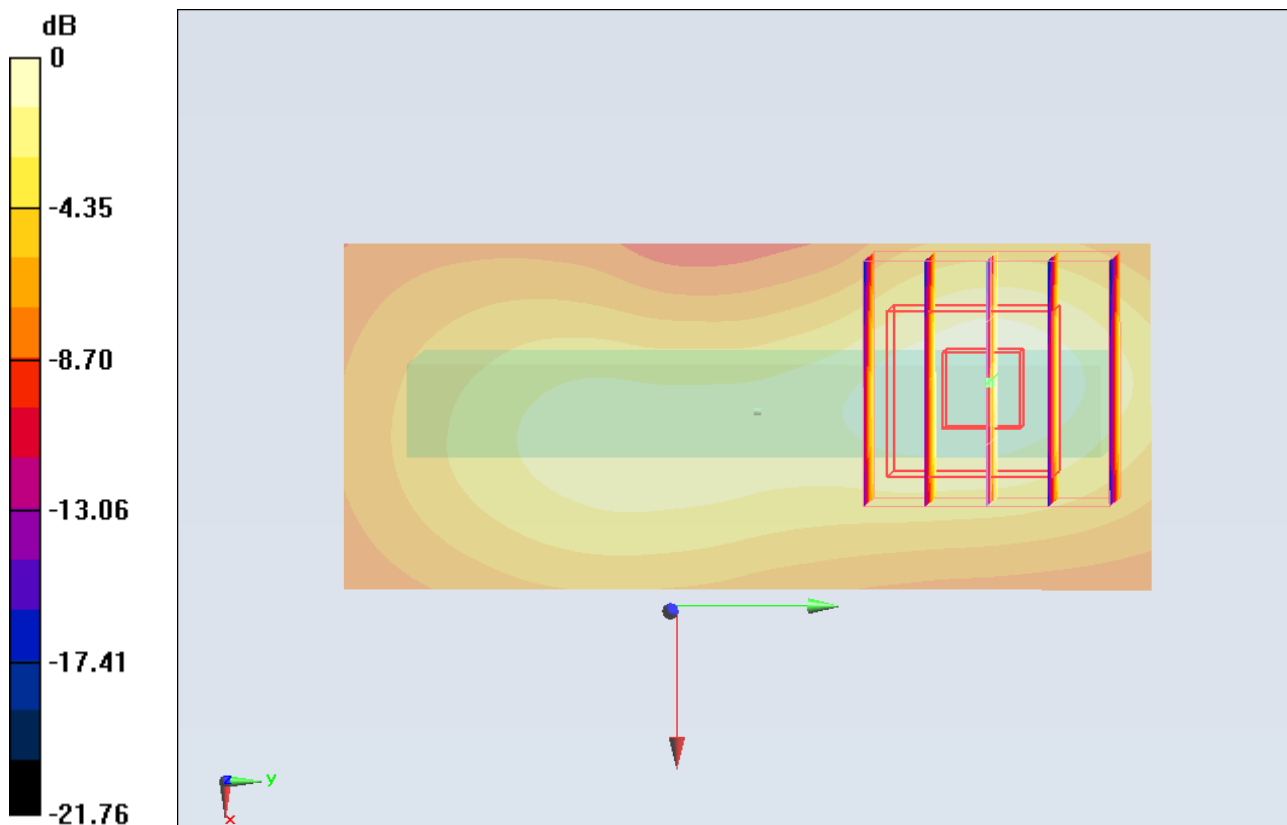
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.308 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

#18 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262

DUT: 1N2312-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111205 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.452$ mho/m; $\epsilon_r =$

53.852 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.238 mW/g

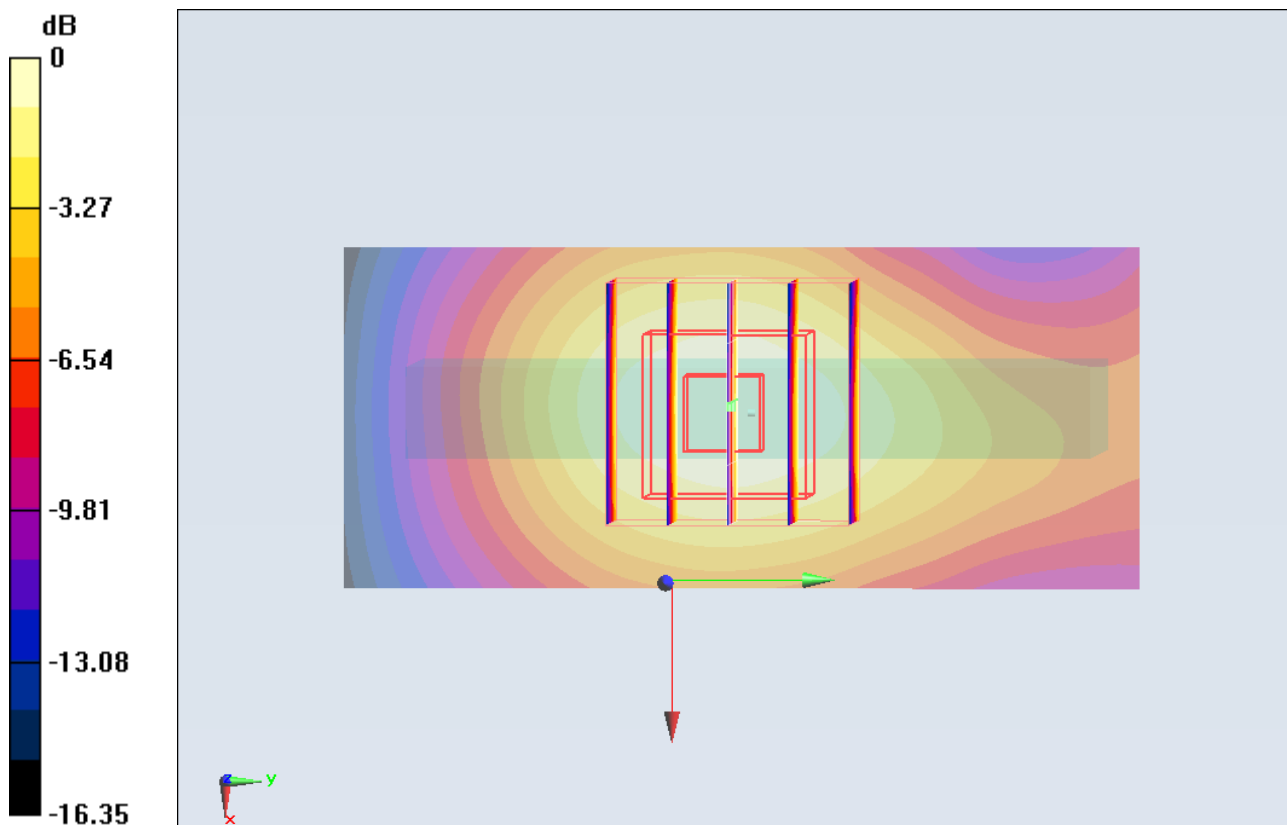
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.622 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.230mW/g