

#05_GSM850_GPRS (2 Tx slot)_Front_0cm_Ch251;Battery1

DUT: 2O1636

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.495$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.412 mW/g

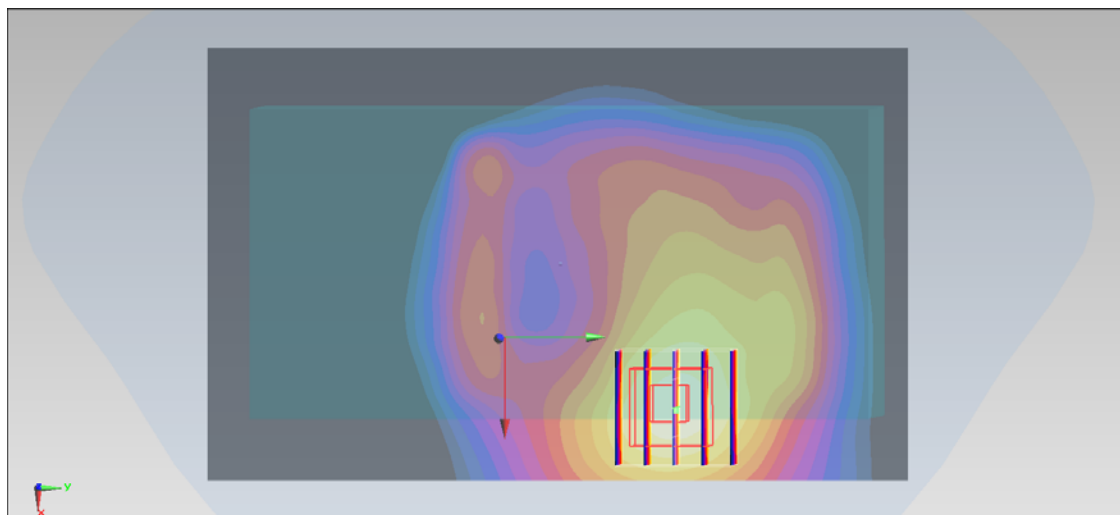
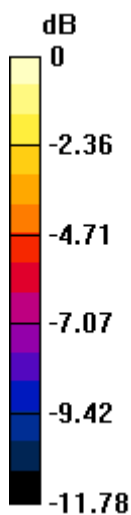
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.879 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.424 mW/g

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.434 mW/g = -7.25 dB mW/g

#06_GSM850_GPRS (2 Tx slot)_Back_0cm_Ch251;Battery1

DUT: 2O1636

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.495$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

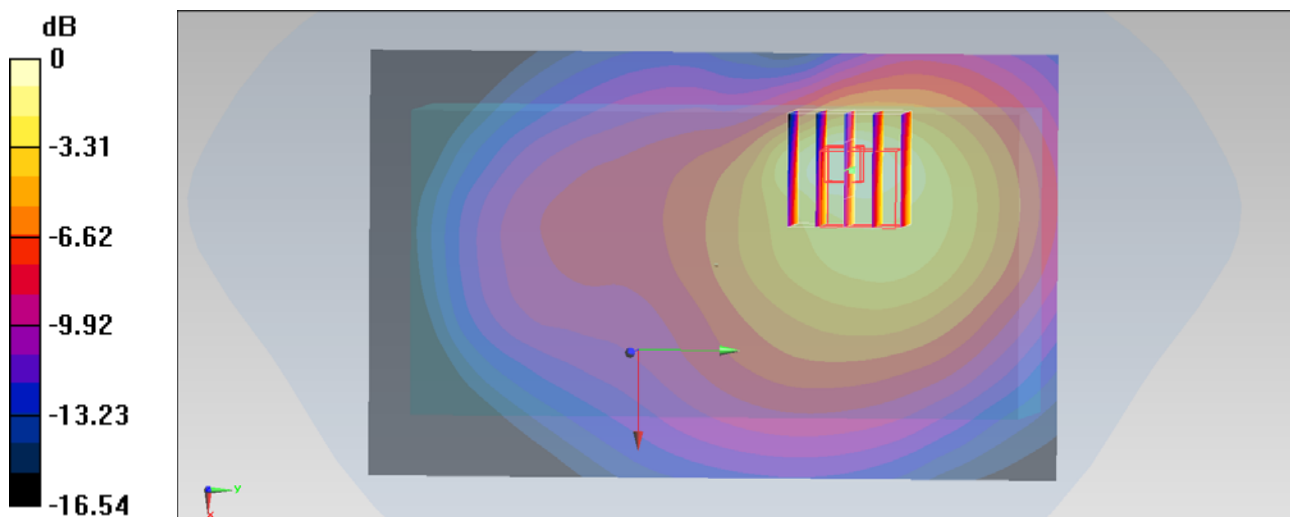
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.122 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.880 mW/g

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.814 mW/g



0 dB = 0.814 mW/g = -1.79 dB mW/g

#07_GSM850_GPRS (2 Tx slot)_Back_0cm_Ch251;Battery2

DUT: 2O1636

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.495$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.937 mW/g

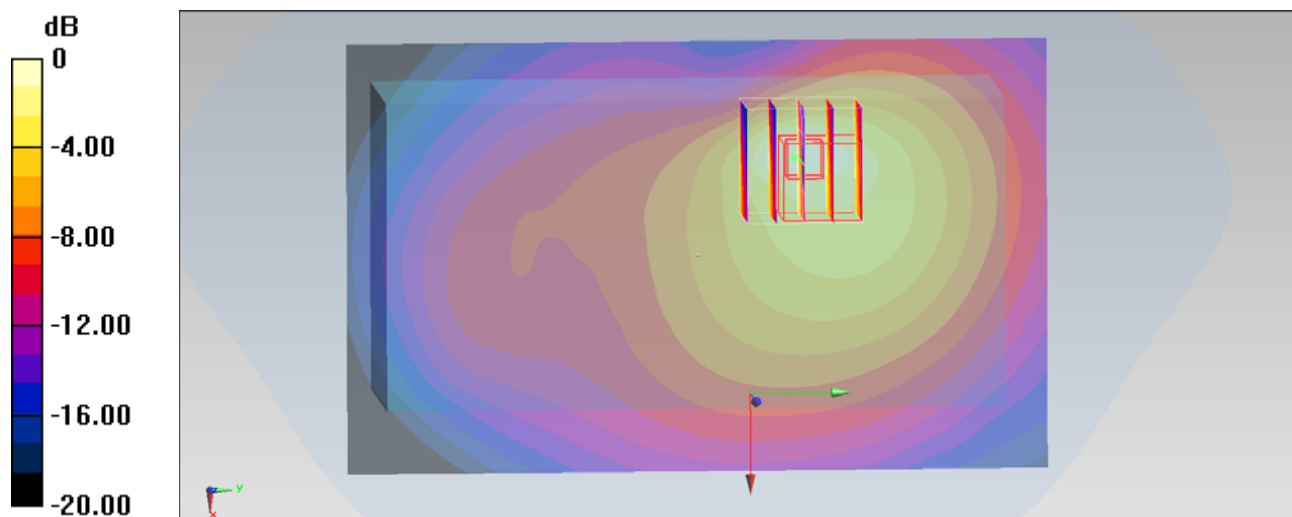
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.579 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.783 mW/g

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



0 dB = 0.930 mW/g = -0.63 dB mW/g

#08_GSM850_GPRS (2 Tx slot)_Back_0cm_Ch251;Battery3

DUT: 2O1636

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.495$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

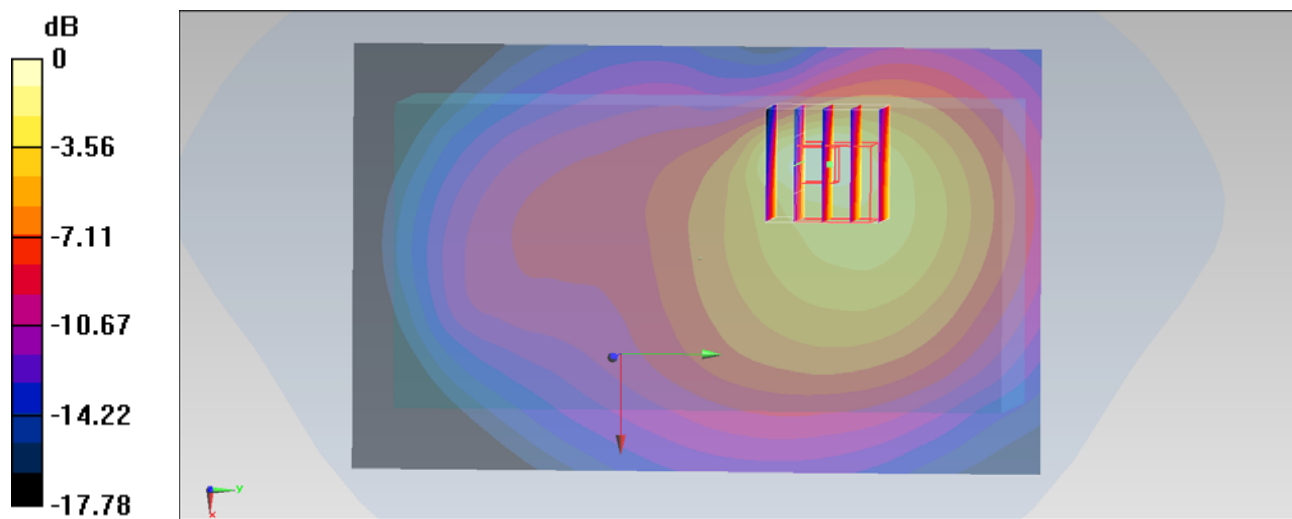
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.297 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.119 mW/g

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.939 mW/g



0 dB = 0.939 mW/g = -0.55 dB mW/g

#08_GSM850_GPRS (2 Tx slot)_Back_0cm_Ch251;Battery3_2D

DUT: 2O1636

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.495$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

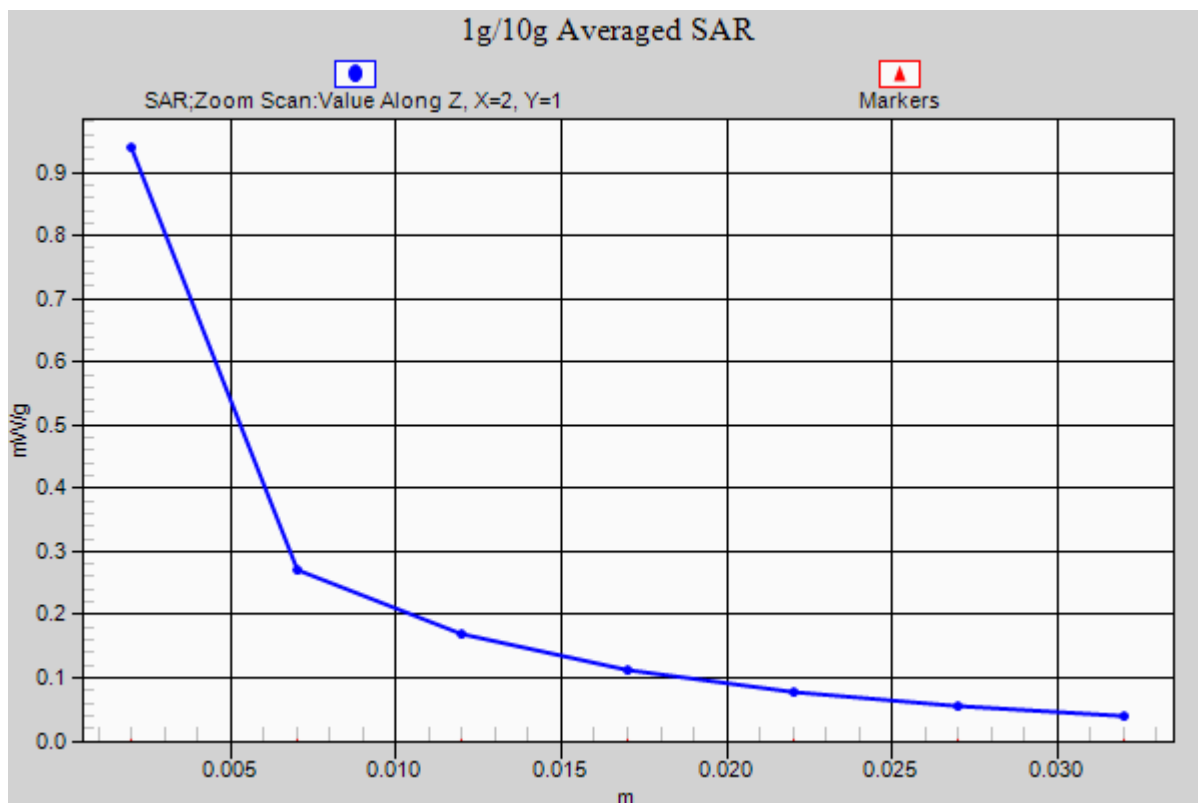
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.297 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.119 mW/g

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.939 mW/g



#01_GSM1900_GPRS (1 Tx slot)_Front_0cm_Ch810;Battery1

DUT: 2O1636

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.558$ mho/m; $\epsilon_r = 52.163$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.129 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.888 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.171 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.057 mW/g

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

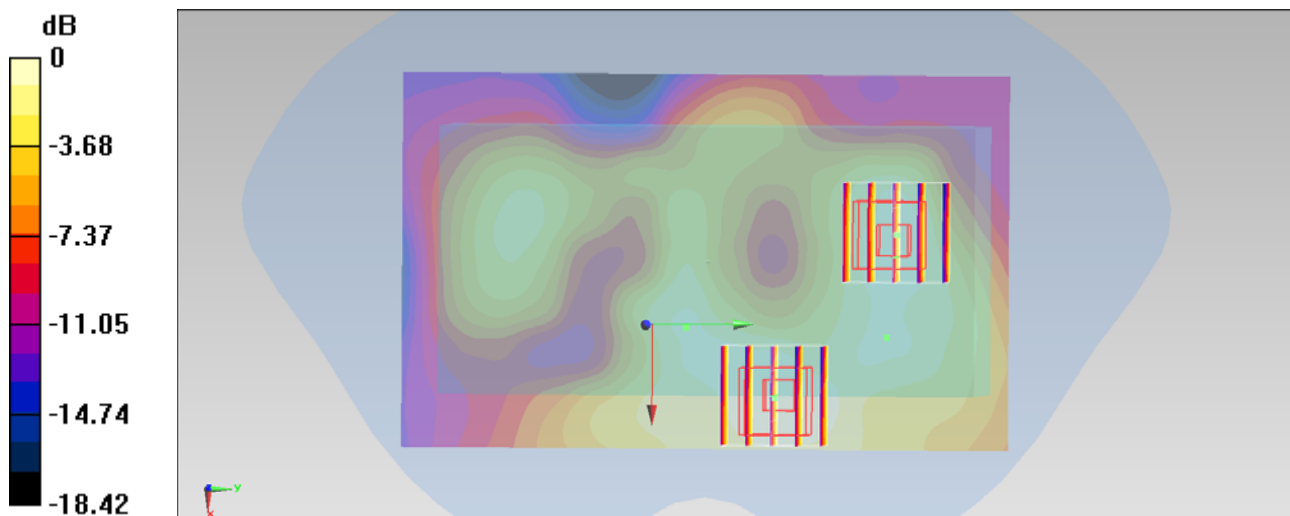
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.888 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.155 mW/g

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.119 mW/g = -18.49 dB mW/g

#02_GSM1900_GPRS (1 Tx slot)_Back_0cm_Ch810;Battery1

DUT: 2O1636

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.558$ mho/m; $\epsilon_r = 52.163$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.231 mW/g

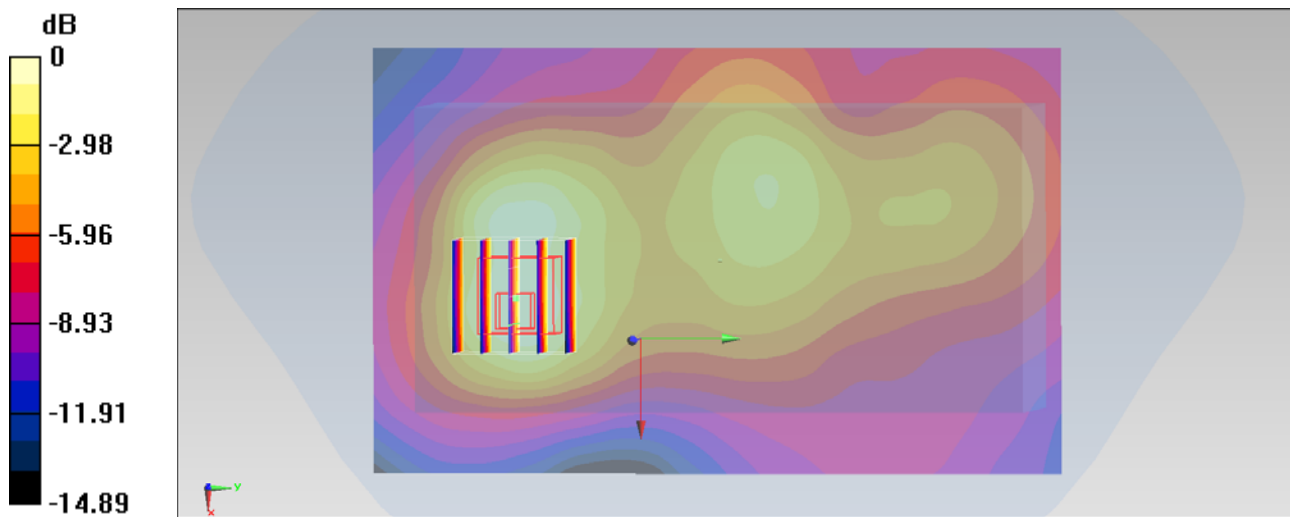
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.747 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.292 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225 mW/g = -12.96 dB mW/g

#03_GSM1900_GPRS (1 Tx slot)_Back_0cm_Ch810;Battery2

DUT: 2O1636

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.558$ mho/m; $\epsilon_r = 52.163$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.231 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.857 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.104 mW/g

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

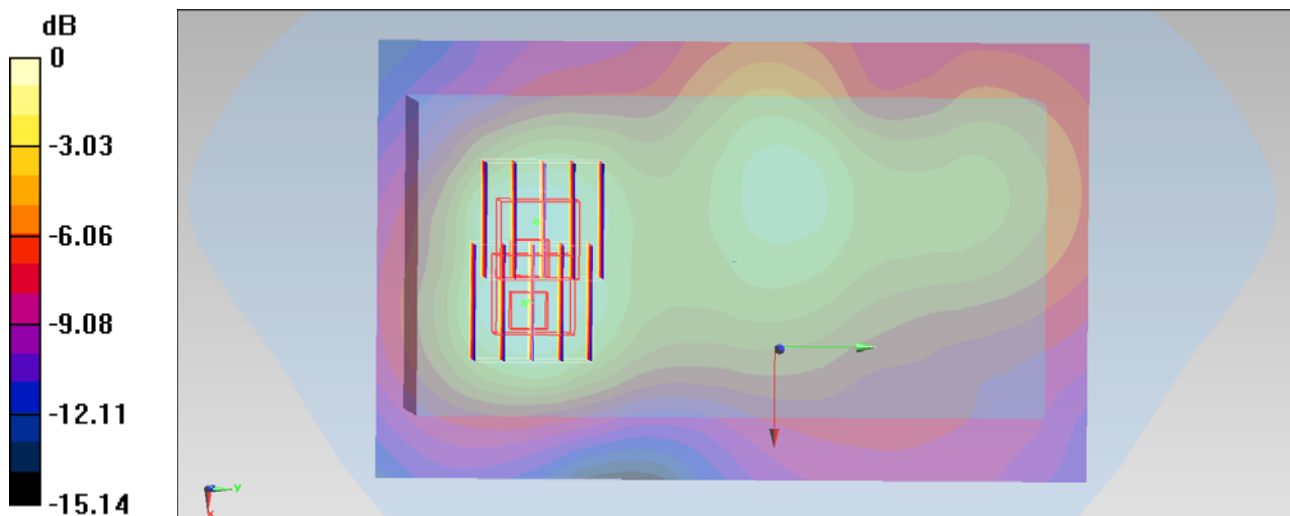
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.857 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.245 mW/g

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198 mW/g = -14.07 dB mW/g

#04_GSM1900_GPRS (1 Tx slot)_Back_0cm_Ch810;Battery3

DUT: 2O1636

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.558$ mho/m; $\epsilon_r = 52.163$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.260 mW/g

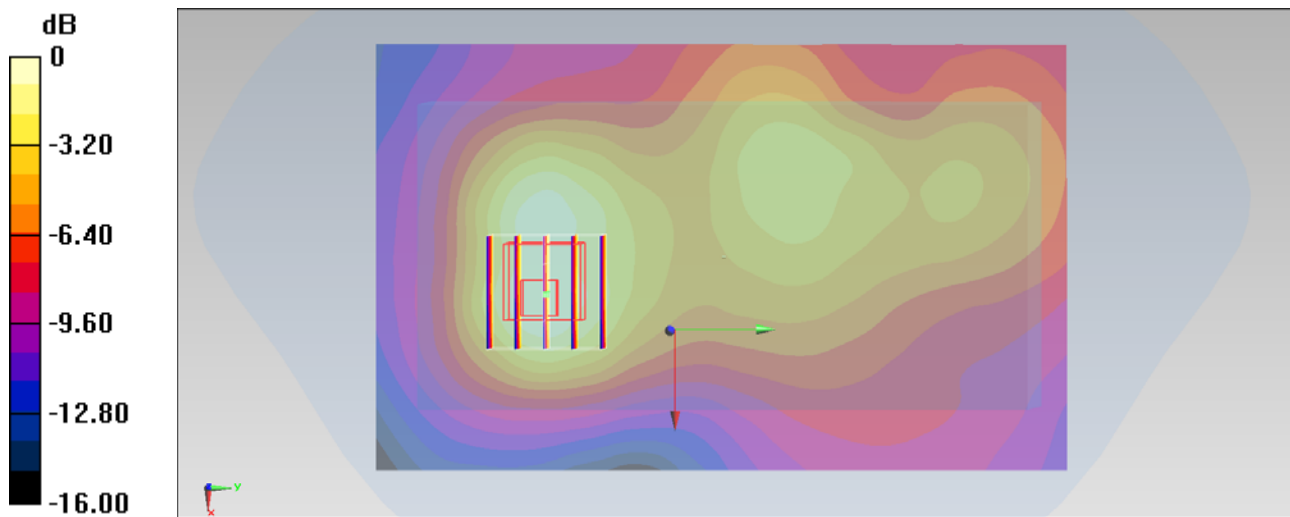
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.330 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232 mW/g = -12.69 dB mW/g

#04_GSM1900_GPRS (1 Tx slot)_Back_0cm_Ch810;Battery3_2D

DUT: 2O1636

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.558$ mho/m; $\epsilon_r = 52.163$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.260 mW/g

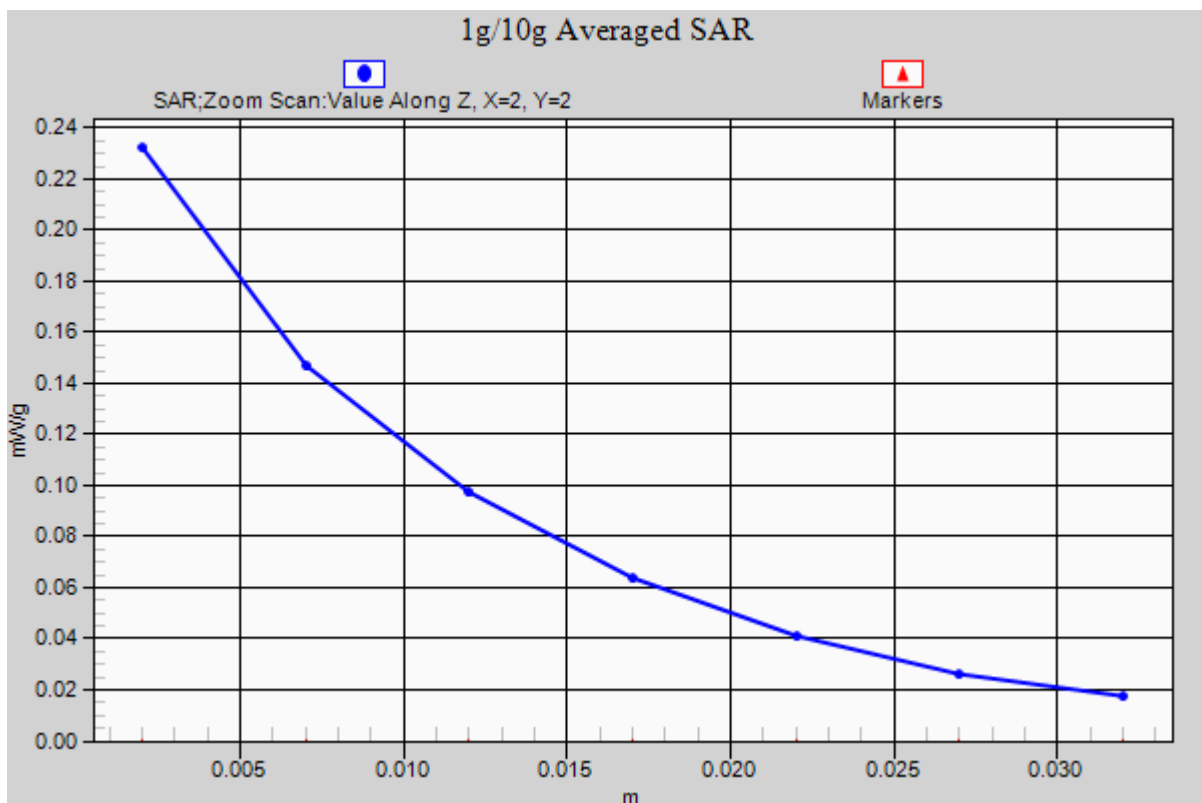
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.330 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



#09_WCDMA V_RMC12.2K_Front_0cm_Ch4182;Battery1

DUT: 2O1636

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

Medium: MSL_850_121119 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.64$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.333 mW/g

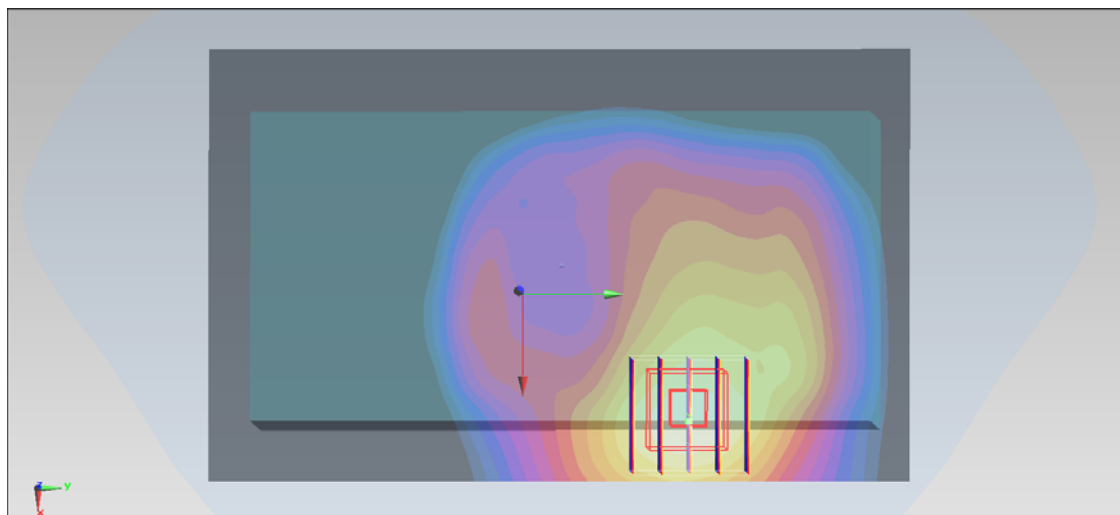
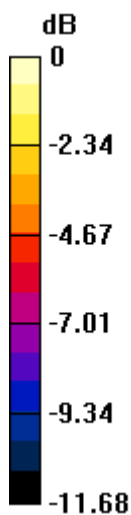
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.318 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.457 mW/g

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330 mW/g = -9.63 dB mW/g

#10_WCDMA V_RMC12.2K_Back_0cm_Ch4182;Battery1

DUT: 2O1636

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

Medium: MSL_850_121119 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.64$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.25 mW/g

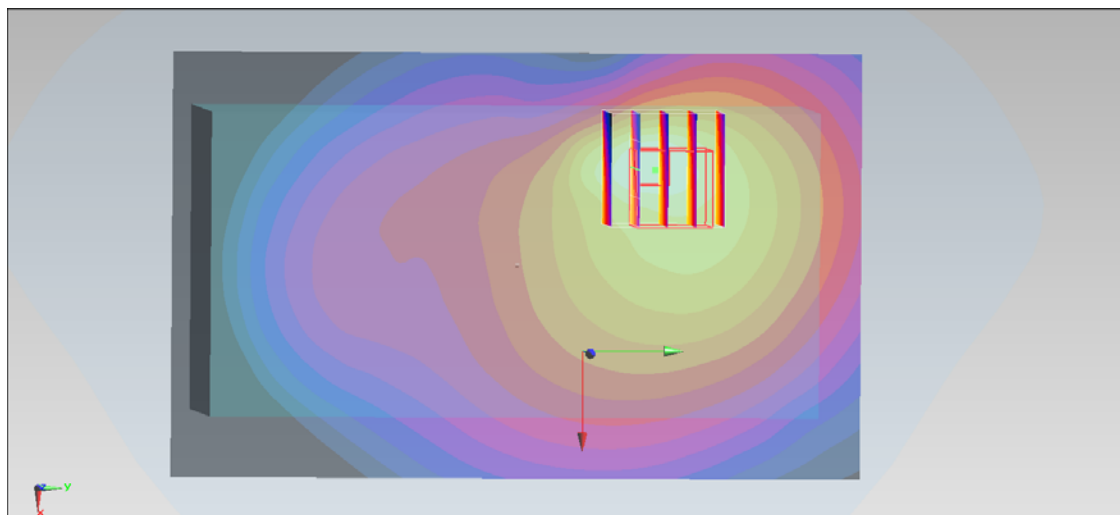
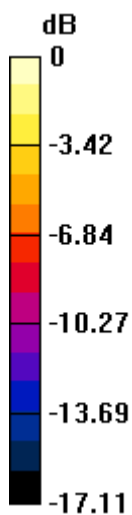
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.652 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.233 mW/g

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01 mW/g = 0.09 dB mW/g

#11_WCDMA V_RMC12.2K_Back_0cm_Ch4182;Battery2

DUT: 2O1636

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

Medium: MSL_850_121119 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.64$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.21 mW/g

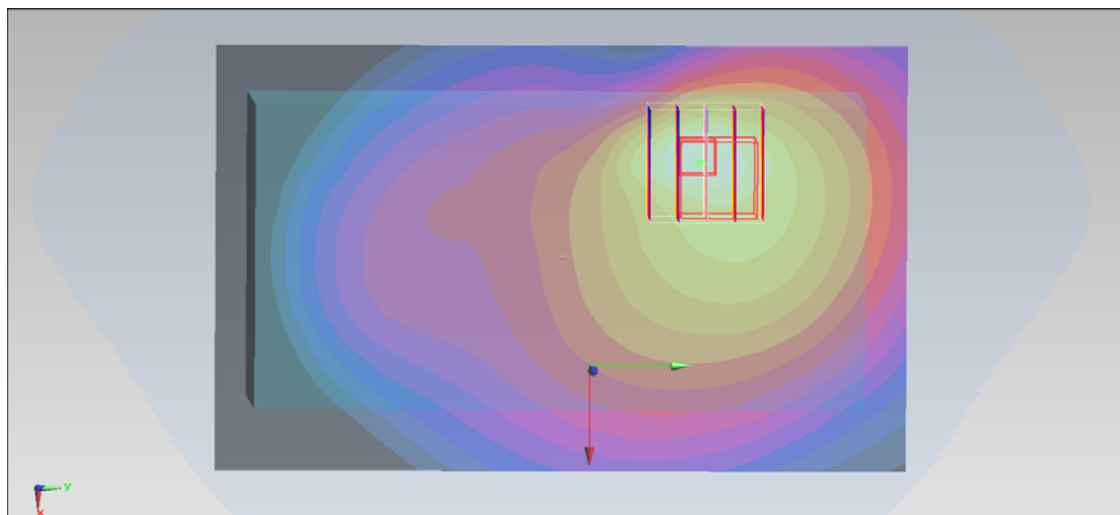
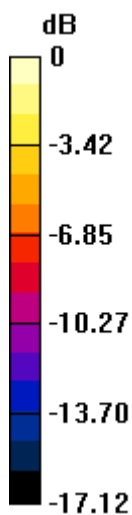
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.211 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.189 mW/g

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



0 dB = 0.999 mW/g = -0.01 dB mW/g

#12_WCDMA V_RMC12.2K_Back_0cm_Ch4182;Battery3

DUT: 2O1636

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

Medium: MSL_850_121119 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.64$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 mW/g

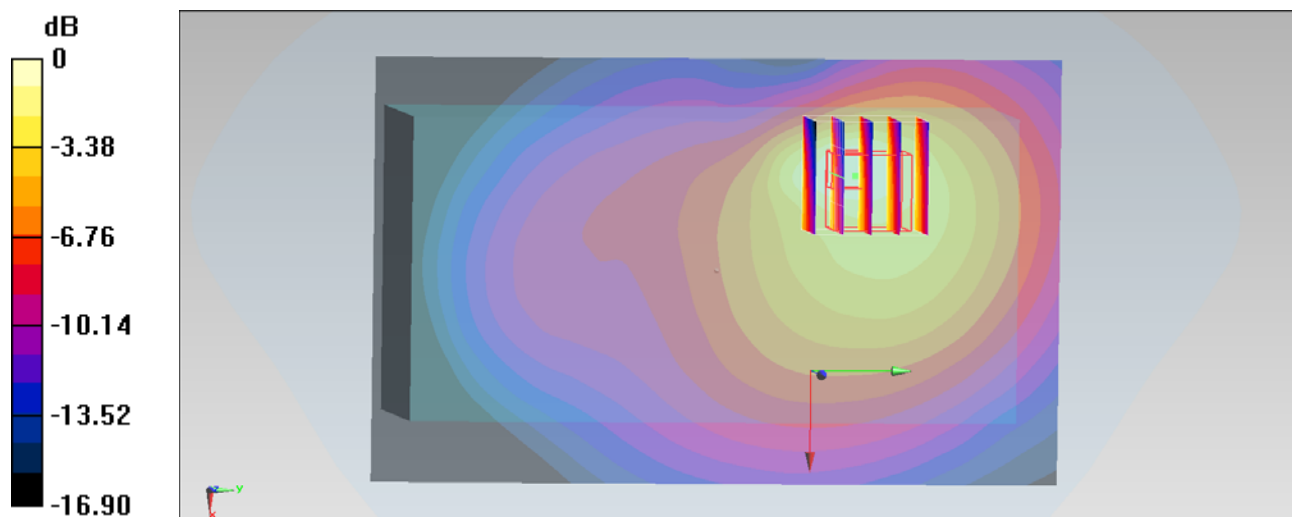
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.949 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.251 mW/g

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.990 mW/g



0 dB = 0.990 mW/g = -0.09 dB mW/g

#12_WCDMA V_RMC12.2K_Back_0cm_Ch4182;Battery3_2D

DUT: 2O1636

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

Medium: MSL_850_121119 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.64$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 mW/g

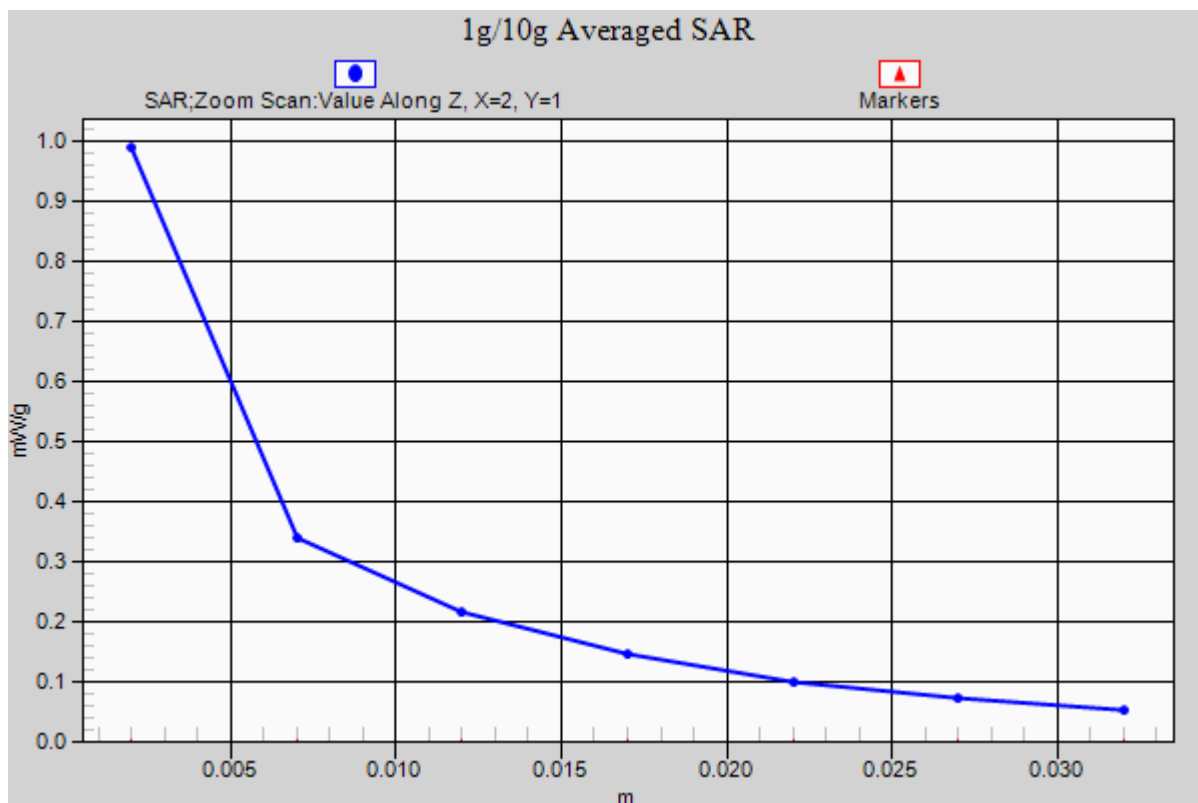
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.949 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.251 mW/g

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.990 mW/g



#13_WCDMA II_RMC12.2K_Front_0cm_Ch9262;Battery1

DUT: 2O1636

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

Medium: MSL_1900_121119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.425$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.276 mW/g

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

Reference Value = 14.588 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.350 mW/g

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.119 mW/g

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

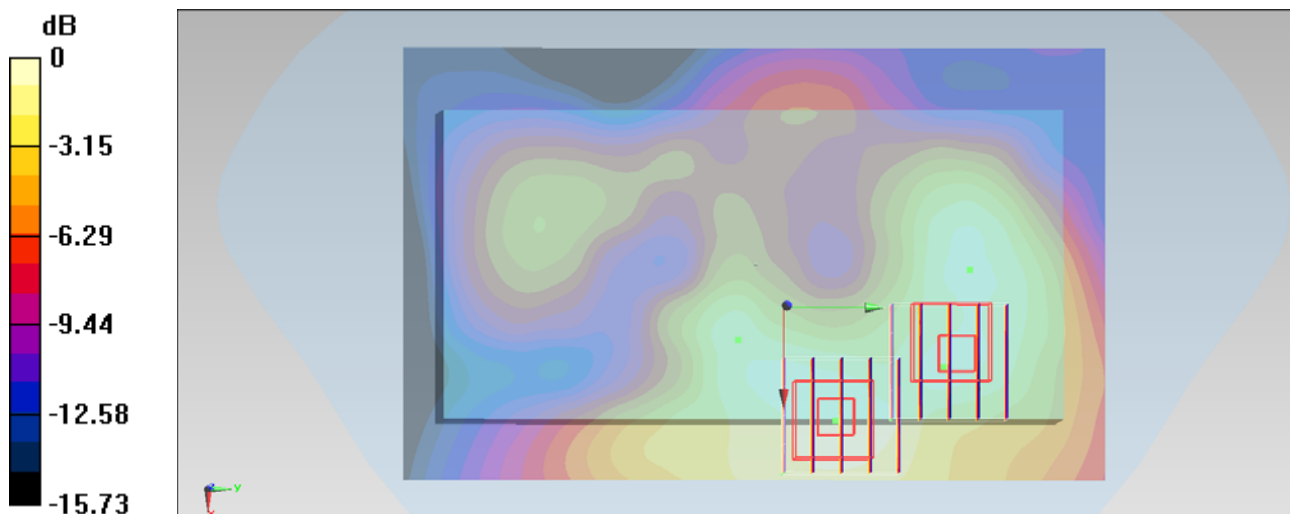
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.588 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.409 mW/g

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.266 mW/g = -11.50 dB mW/g

#14_WCDMA II_RMC12.2K_Back_0cm_Ch9262;Battery1

DUT: 2O1636

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

Medium: MSL_1900_121119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.425$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.349 mW/g

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

Reference Value = 16.020 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.422 mW/g

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

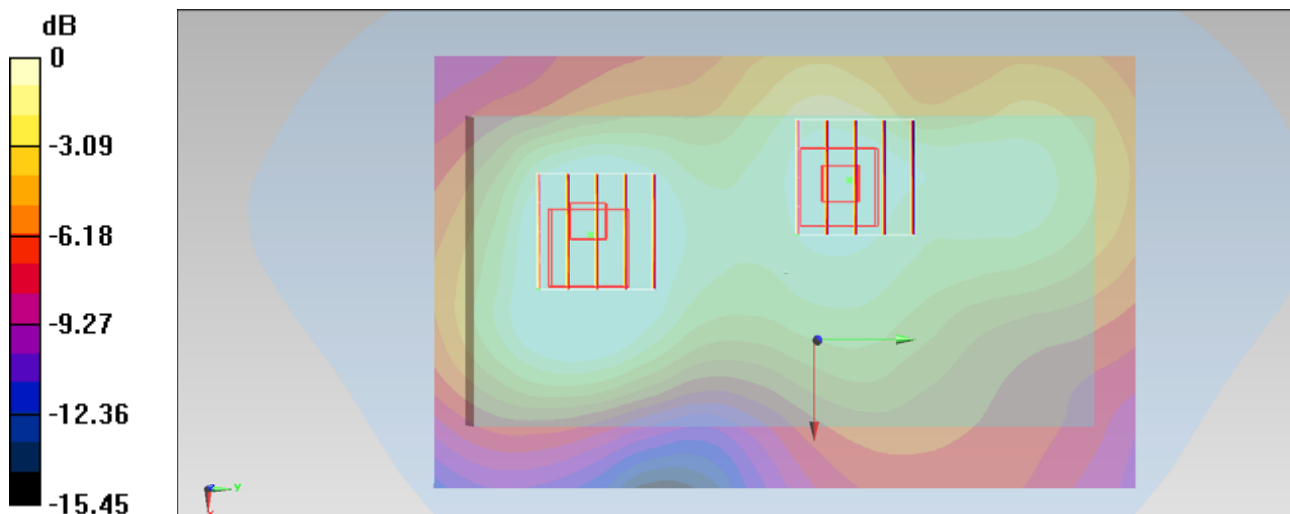
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.020 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.310 mW/g

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.233 mW/g = -12.65 dB mW/g

#15_WCDMA II_RMC12.2K_Back_0cm_Ch9262;Battery2

DUT: 2O1636

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

Medium: MSL_1900_121119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.425$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.360 mW/g

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

Reference Value = 16.454 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.435 mW/g

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.343 mW/g

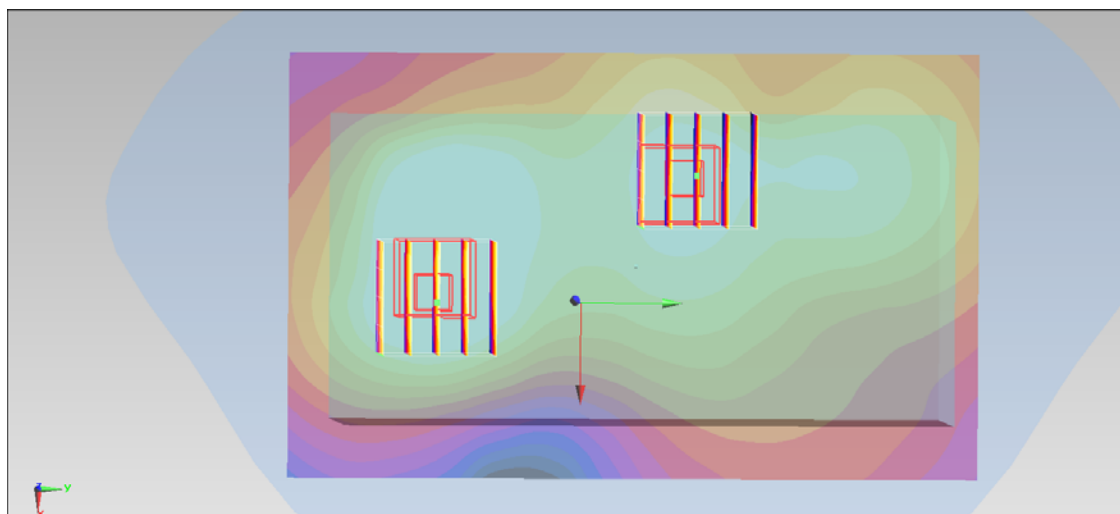
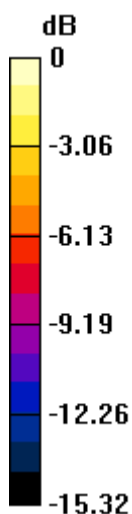
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.454 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230 mW/g = -12.77 dB mW/g

#16_WCDMA II_RMC12.2K_Back_0cm_Ch9262;Battery3

DUT: 2O1636

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

Medium: MSL_1900_121119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.425$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.414 mW/g

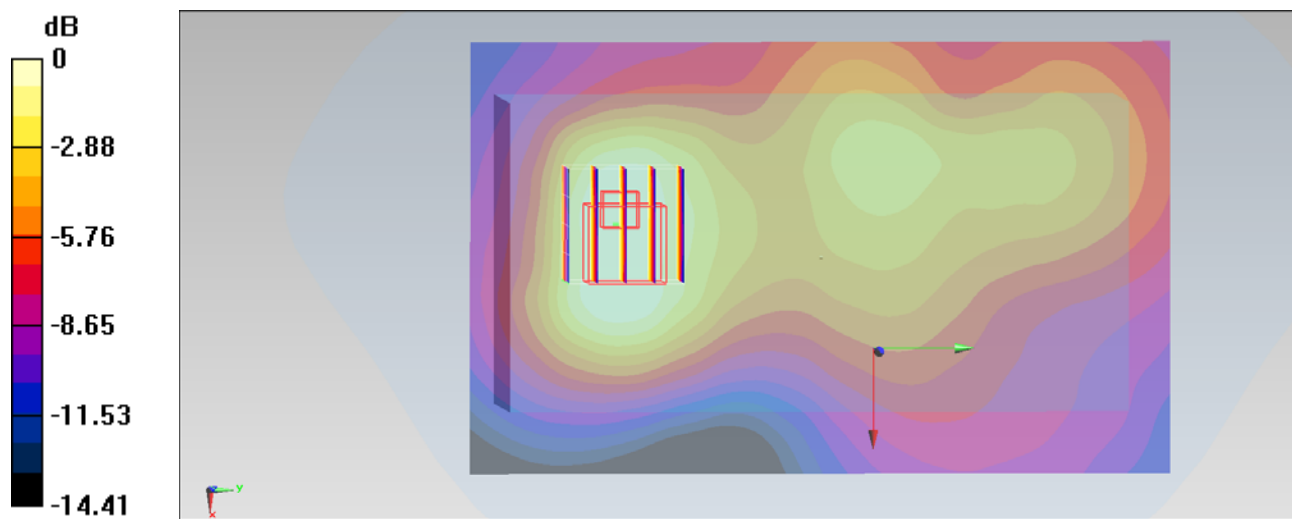
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.975 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.473 mW/g

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.192 mW/g

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



0 dB = 0.384 mW/g = -8.31 dB mW/g

#16_WCDMA II_RMC12.2K_Back_0cm_Ch9262;Battery3_2D

DUT: 2O1636

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

Medium: MSL_1900_121119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.425$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.414 mW/g

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

Reference Value = 16.975 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.473 mW/g

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.192 mW/g

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

