

#01 802.11b_Front_1.5cm_Ch6_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.028 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.39 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.029 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.39 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



#02 802.11b_Back_1.5cm_Ch6_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.054 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.050 mW/g

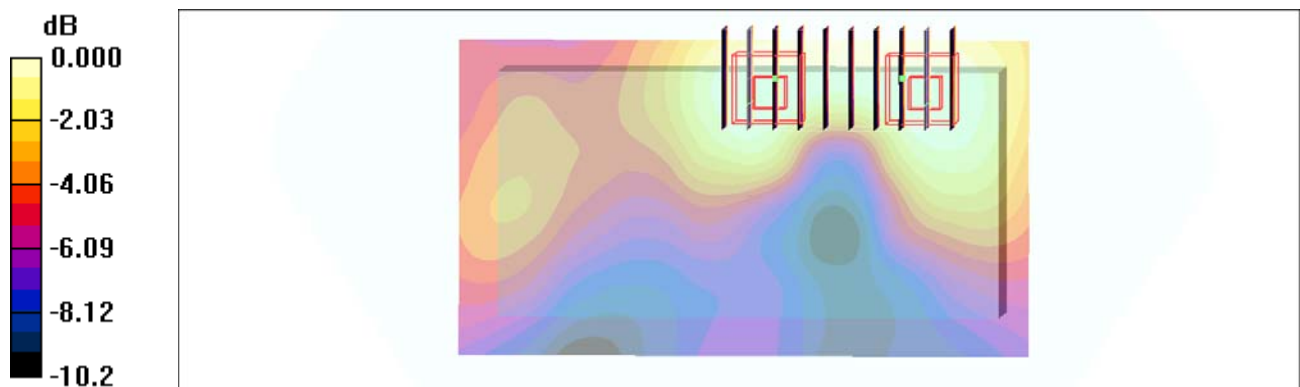
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.048 mW/g



0 dB = 0.048mW/g

#03 802.11b_Back_1.5cm_Ch6_Battery2_Keypad2**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.057 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

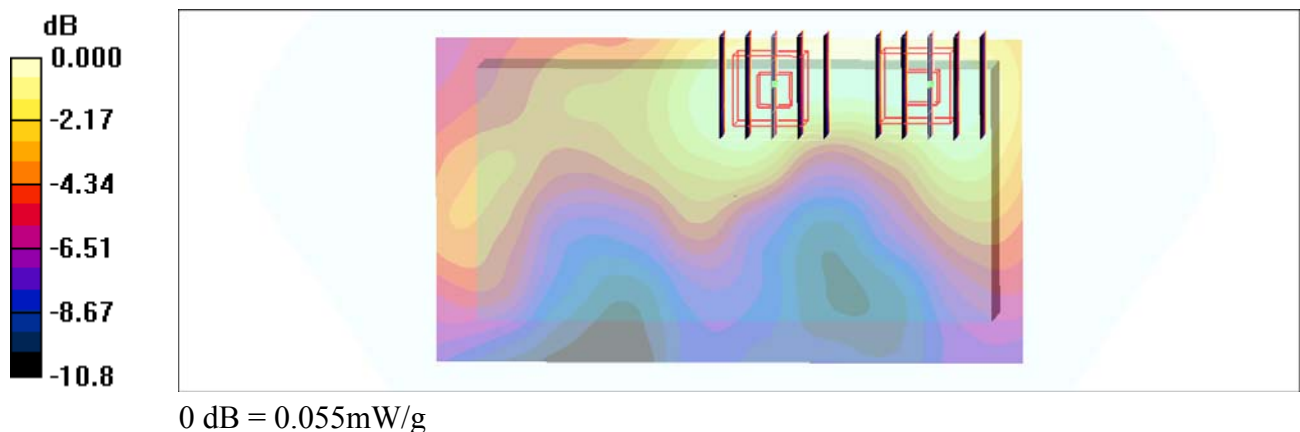
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



#03 802.11b_Back_1.5cm_Ch6_Battery2_Keypad2_2D

DUT: 162005-02

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$;

$\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.057 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.055 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.121 dB

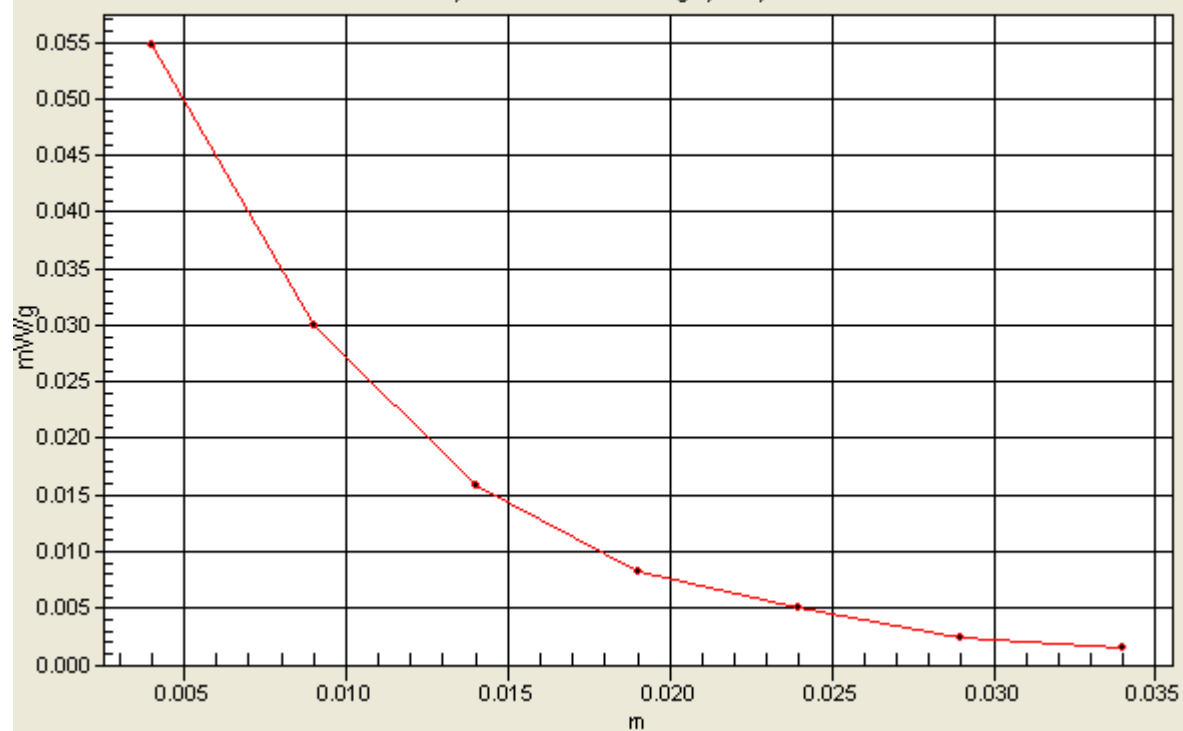
Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



#07 802.11a_Front_1.5cm_Ch48_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.090 mW/g

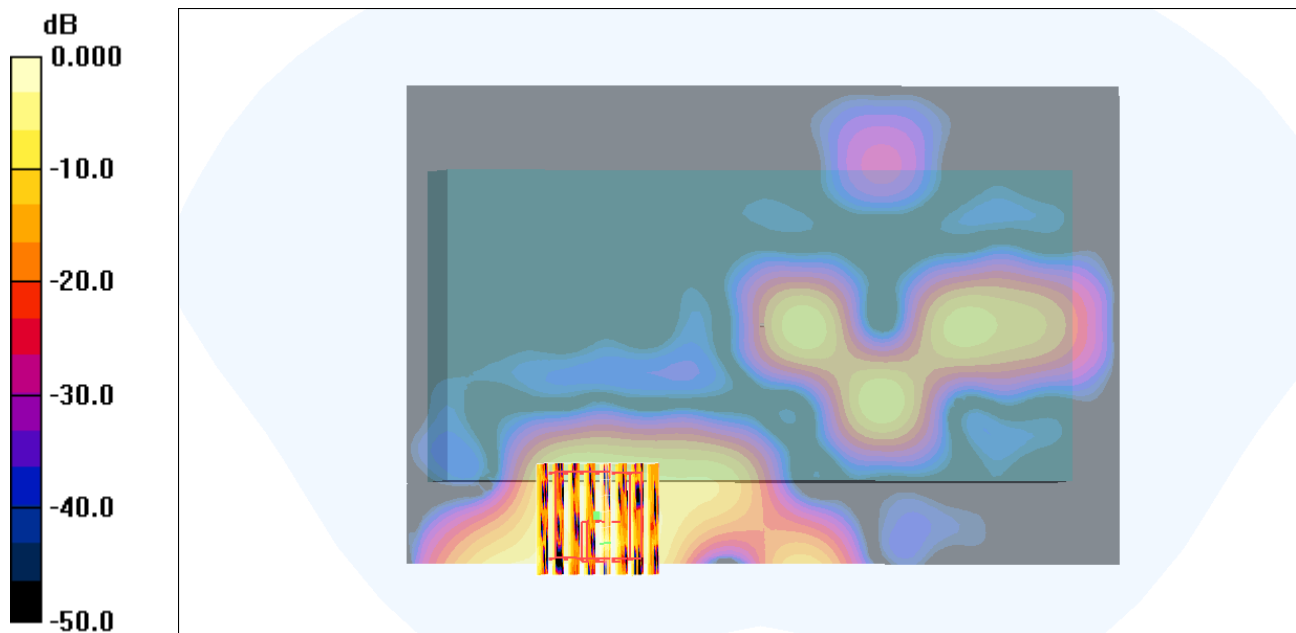
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.08 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

#08 802.11a_Back_1.5cm_Ch48_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

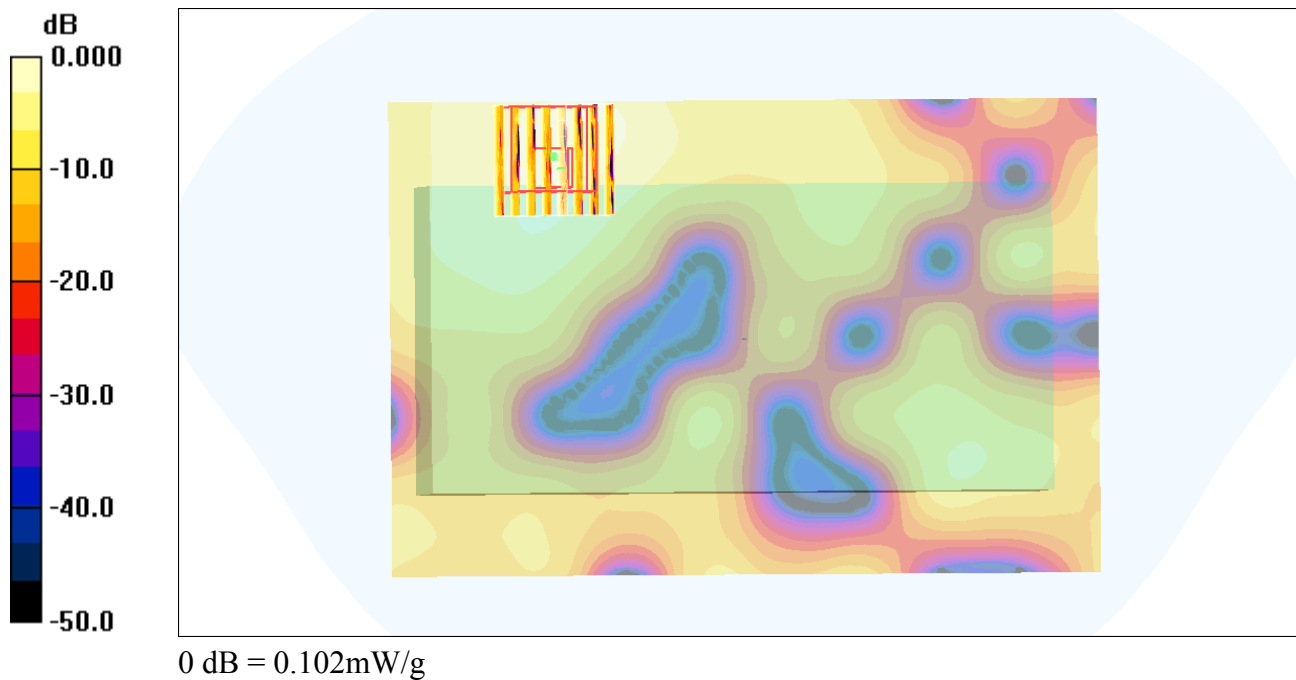
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.949 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



#09 802.11a_Back_1.5cm_Ch48_Battery2_Keypad2**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.095 mW/g

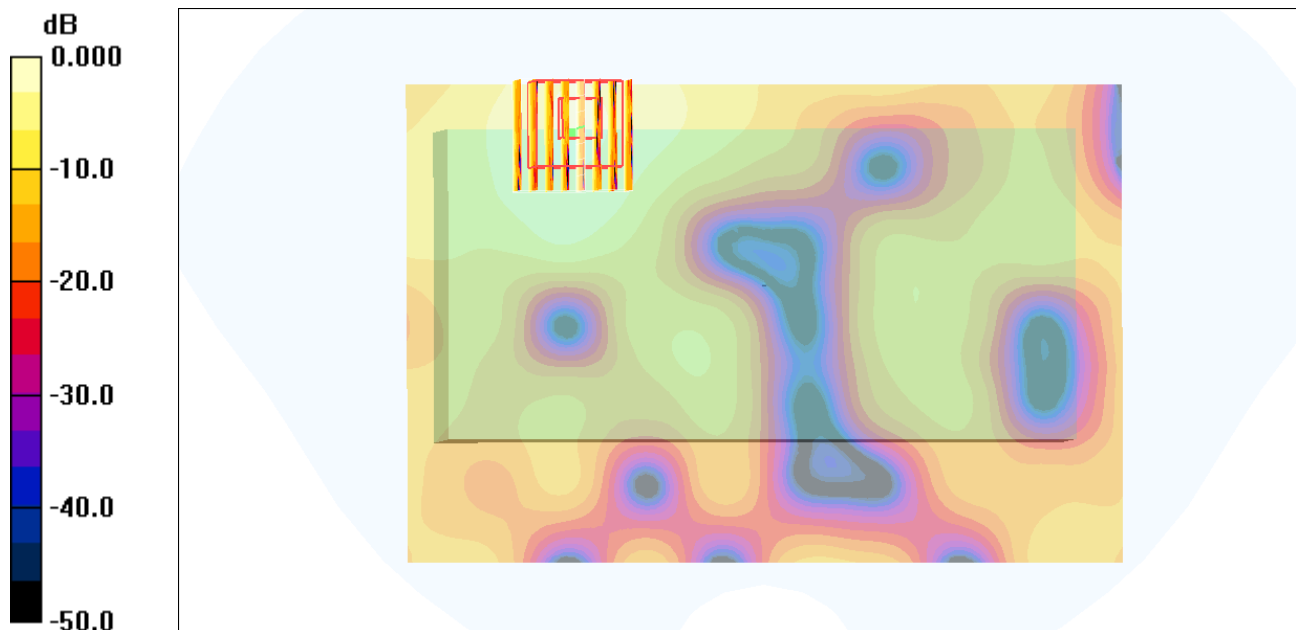
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.827 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179mW/g

#09 802.11a_Back_1.5cm_Ch48_Battery2_Keypad2_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.095 mW/g

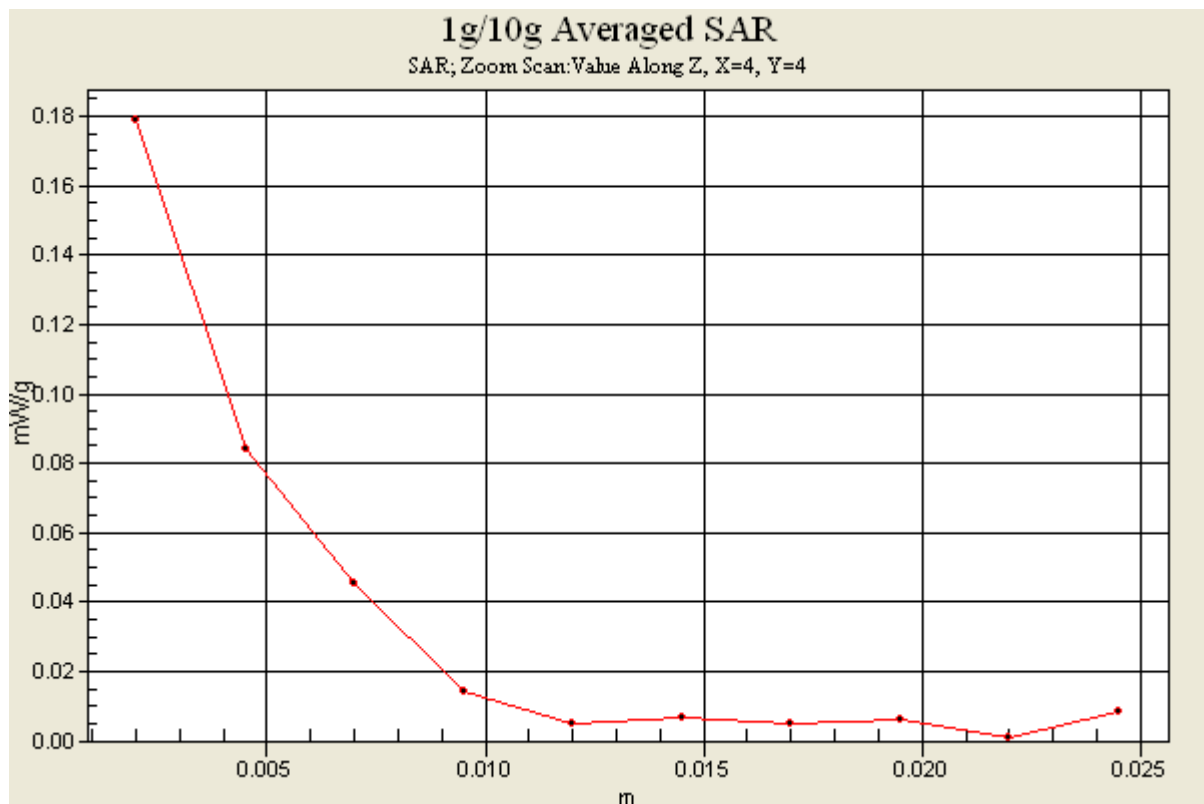
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.827 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



#10 802.11a_Front_1.5cm_Ch52_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.056 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.621 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00942 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

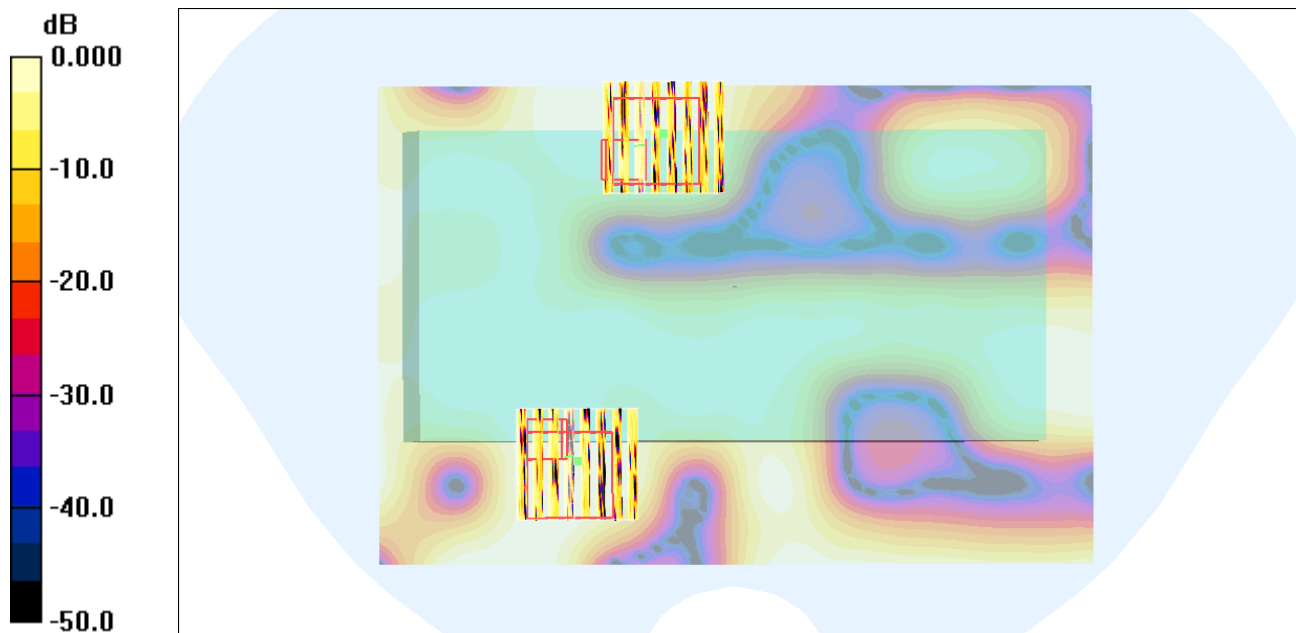
Ch52/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.621 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.00946 mW/g; SAR(10 g) = 0.00351 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.020mW/g

#11 802.11a_Back_1.5cm_Ch52_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

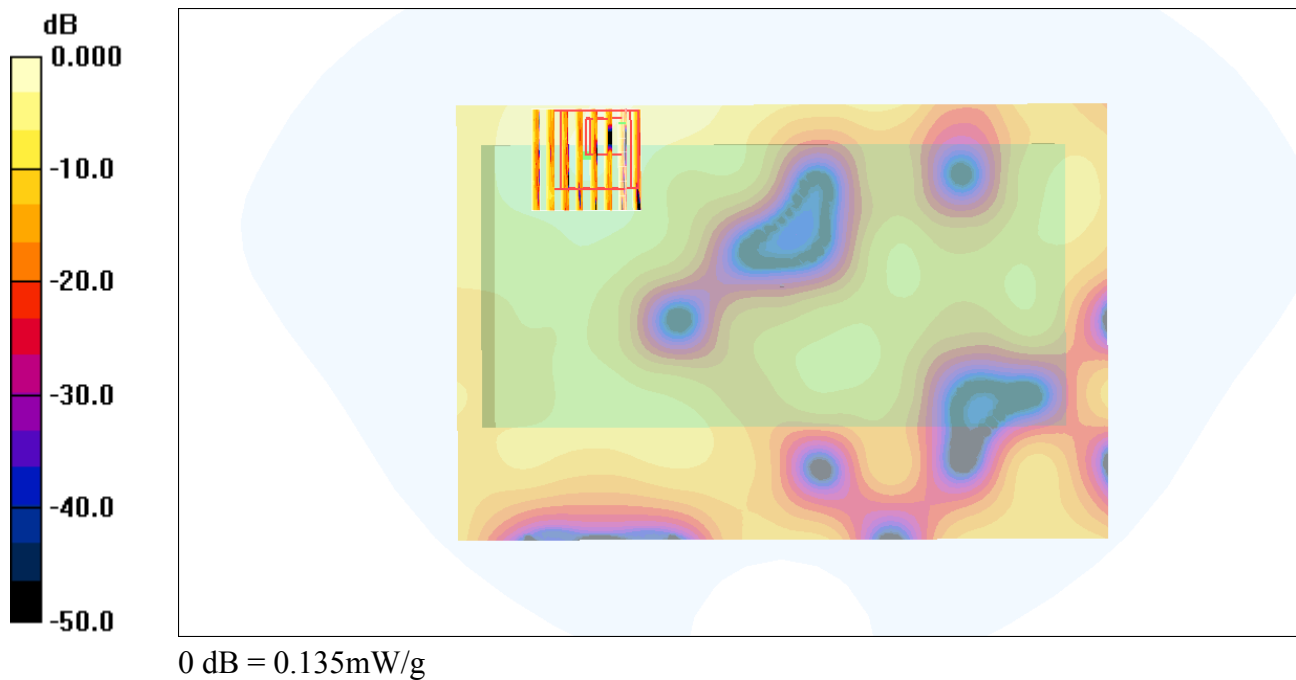
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.10 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



#12 802.11a_Back_1.5cm_Ch52_Battery2_Keypad2**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.086 mW/g

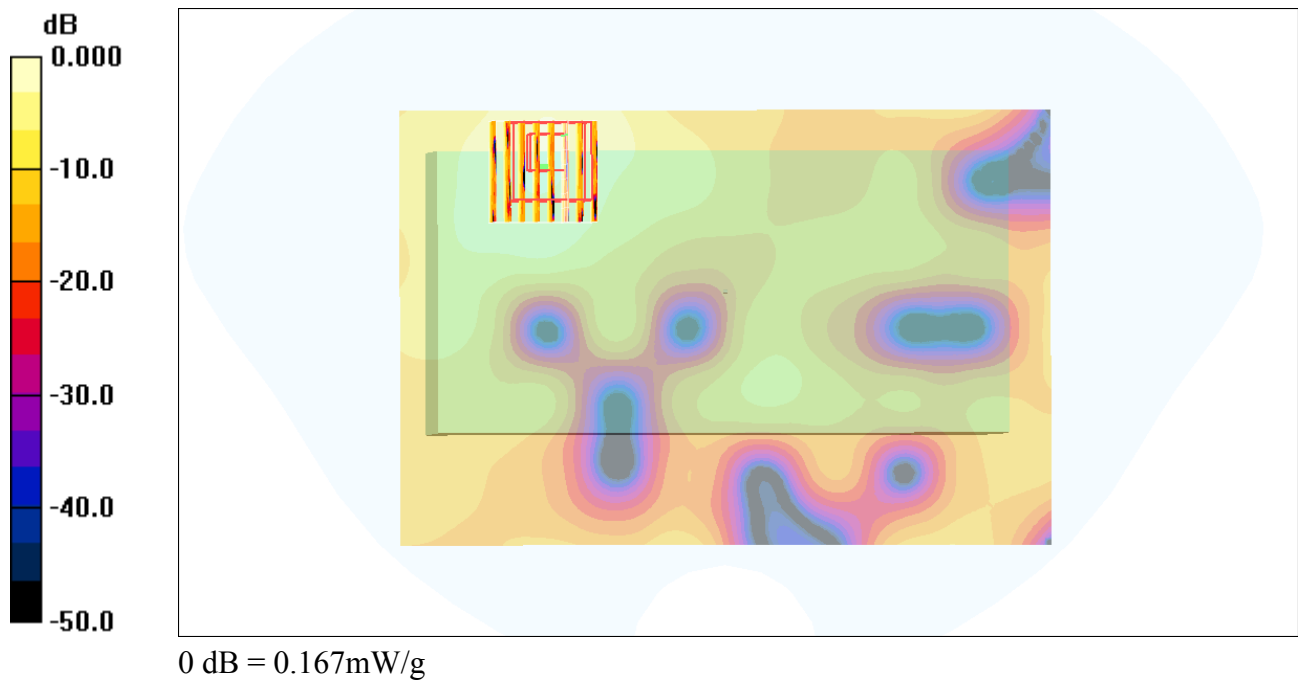
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.854 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.167 mW/g



#12 802.11a_Back_1.5cm_Ch52_Battery2_Keypad2_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111013 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-09-02
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011-01-13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.086 mW/g

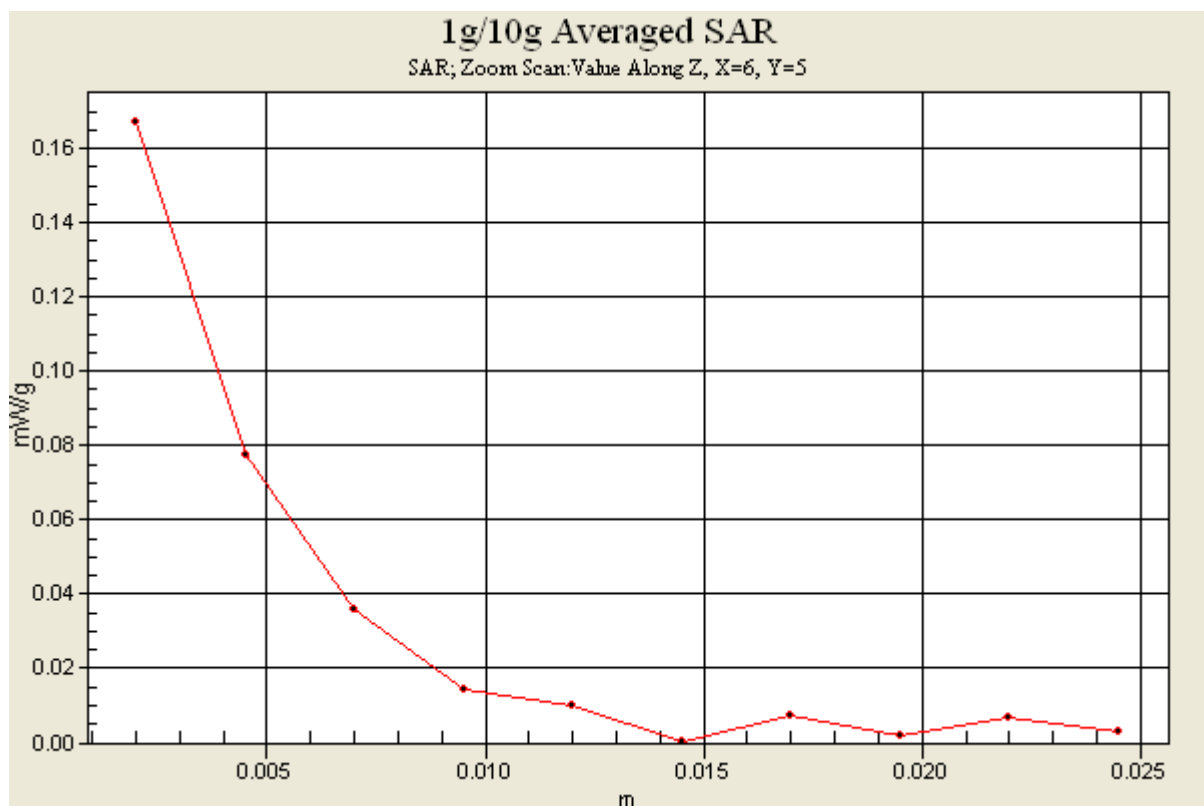
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.854 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.167 mW/g



#13 802.11a_Front_1.5cm_Ch100_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.022 mW/g

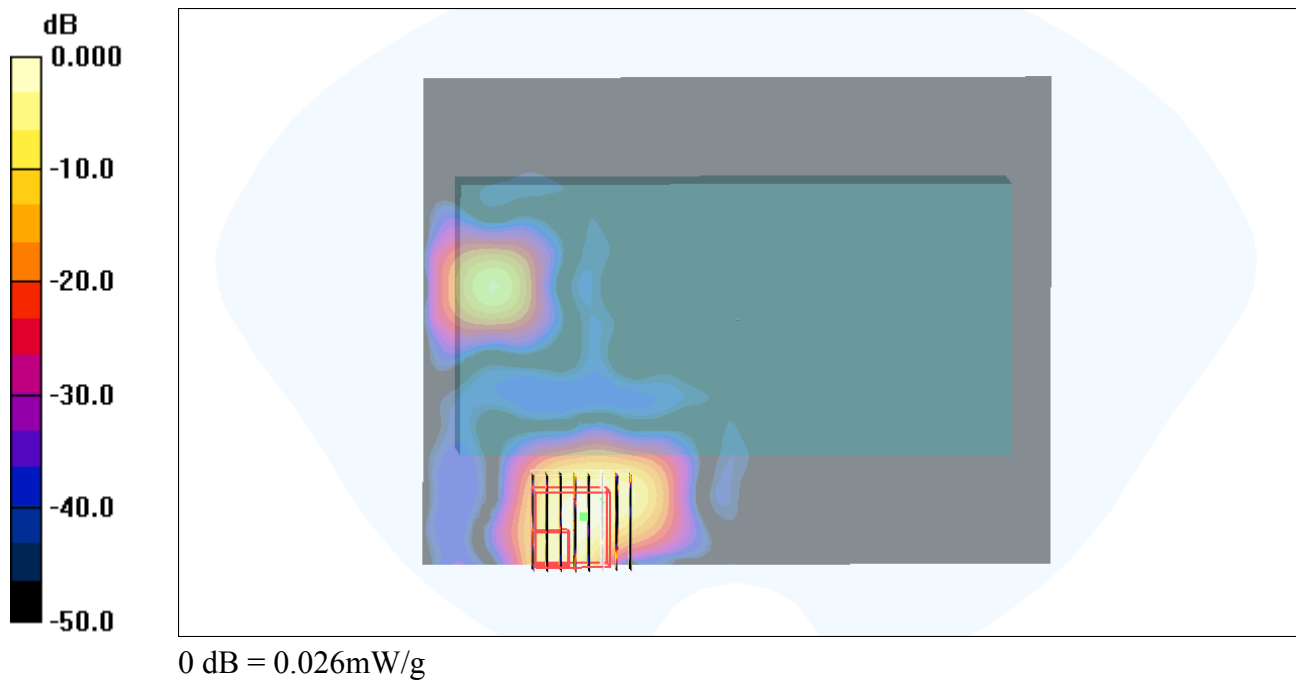
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00492 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



#14 802.11a_Back_1.5cm_Ch100_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

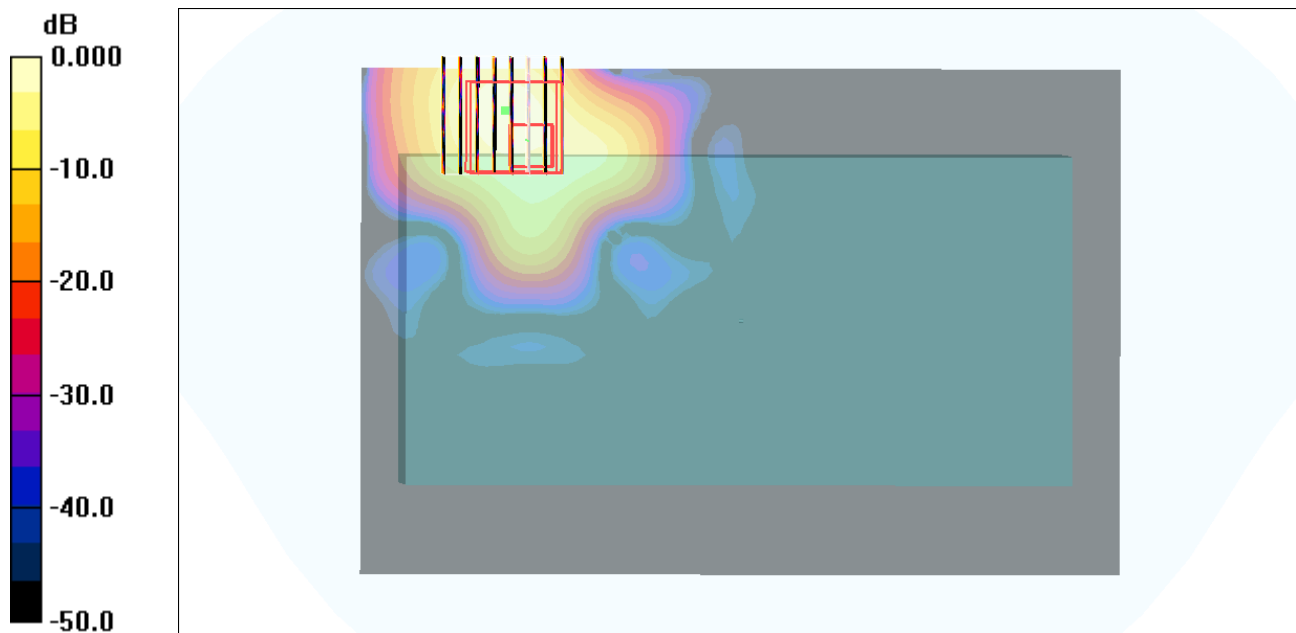
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.111mW/g

#15 802.11a_Back_1.5cm_Ch100_Battery2_Keypad2**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.204 mW/g

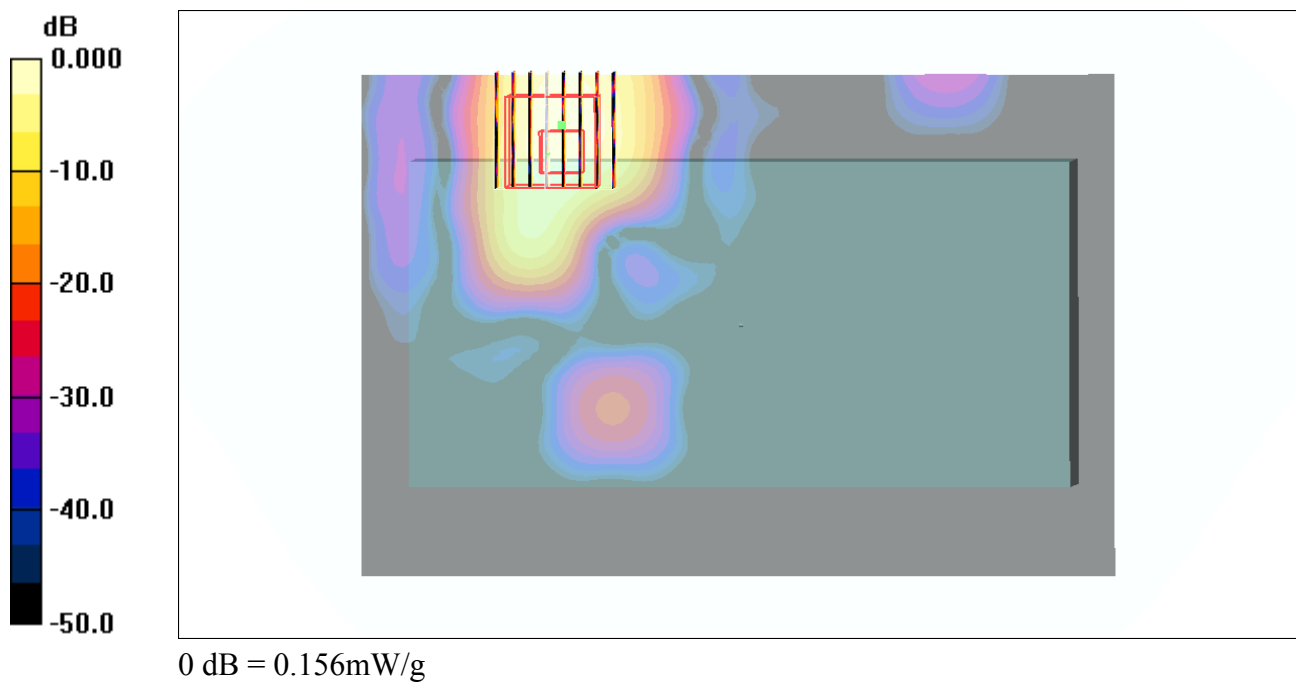
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



#15 802.11a_Back_1.5cm_Ch100_Battery2_Keypad2_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.204 mW/g

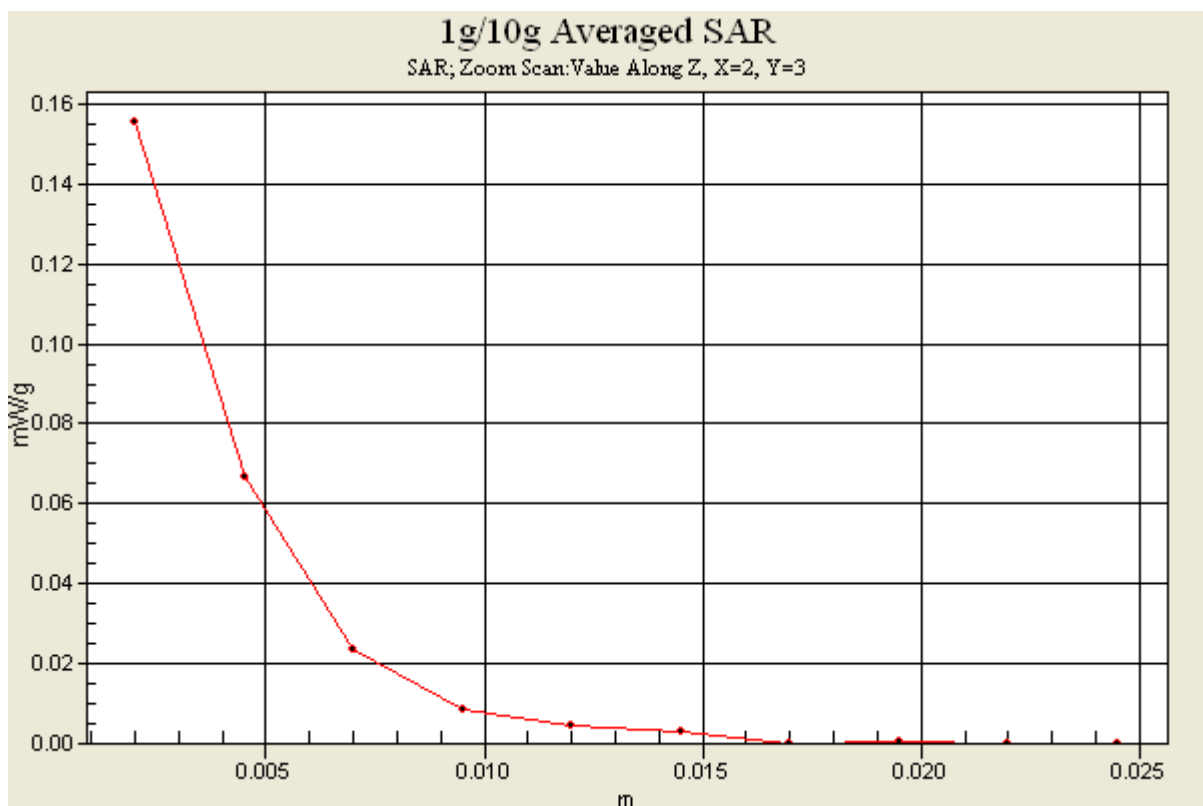
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



#16 802.11a_Front_1.5cm_Ch161_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.023 mW/g

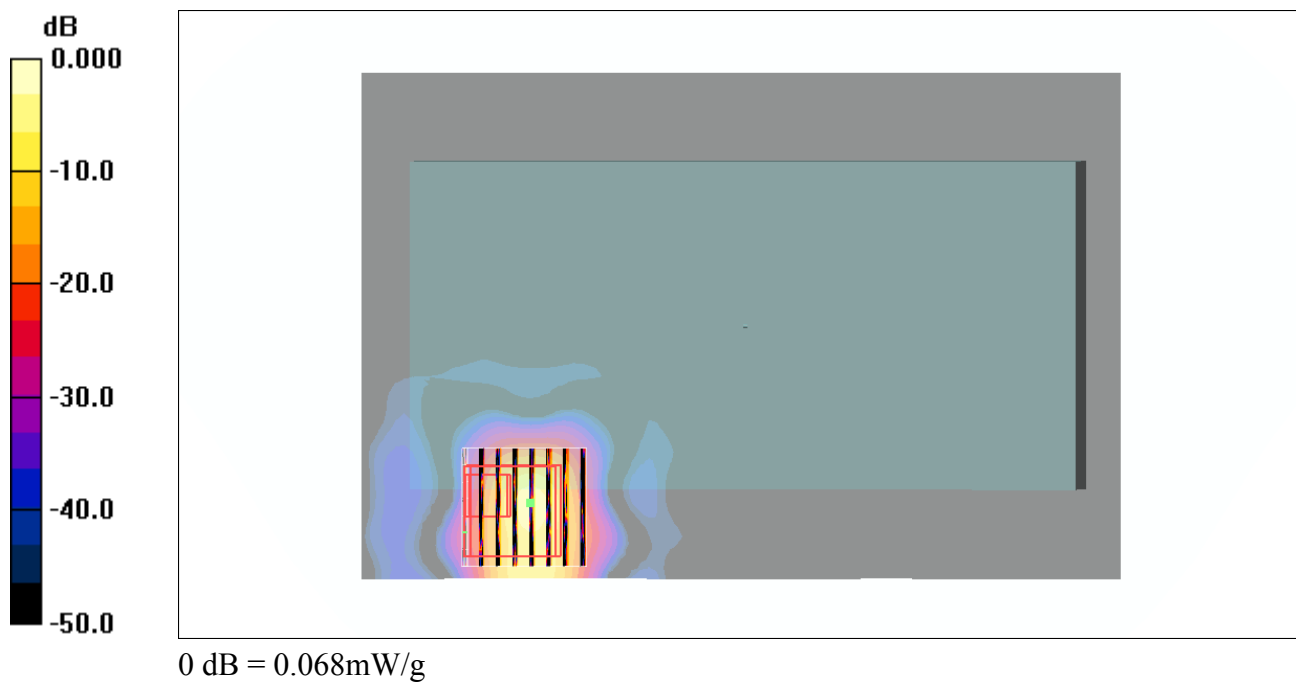
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.011 mW/g

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



#17 802.11a_Back_1.5cm_Ch161_Battery1_Keypad1**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.035 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.303 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.055 mW/g

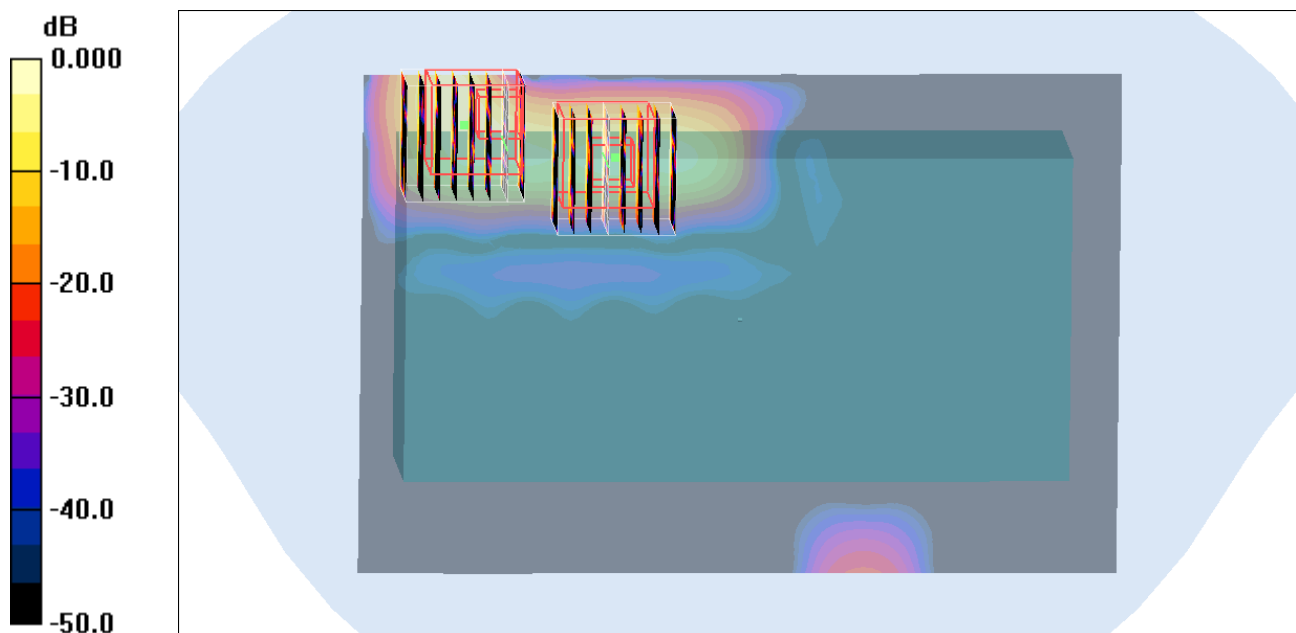
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.013 mW/g

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



0 dB = 0.078mW/g

#18 802.11a_Back_1.5cm_Ch161_Battery2_Keypad2**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.036 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

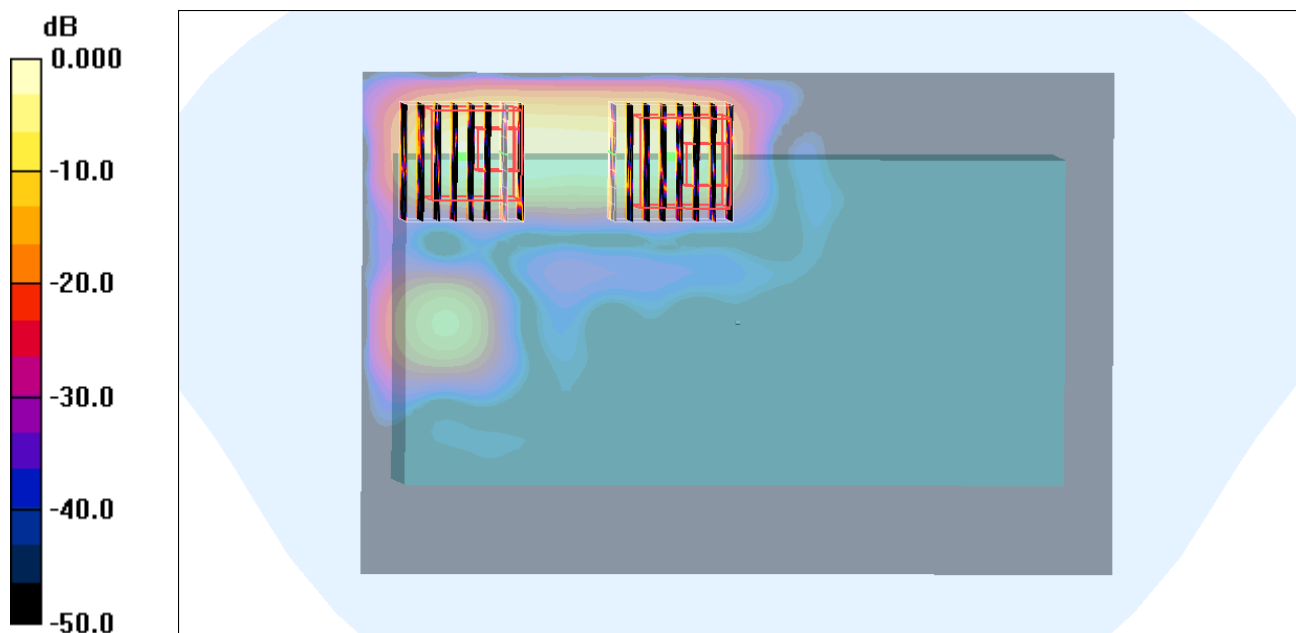
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00997 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.058mW/g

#18 802.11a_Back_1.5cm_Ch161_Battery2_Keypad2_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.036 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

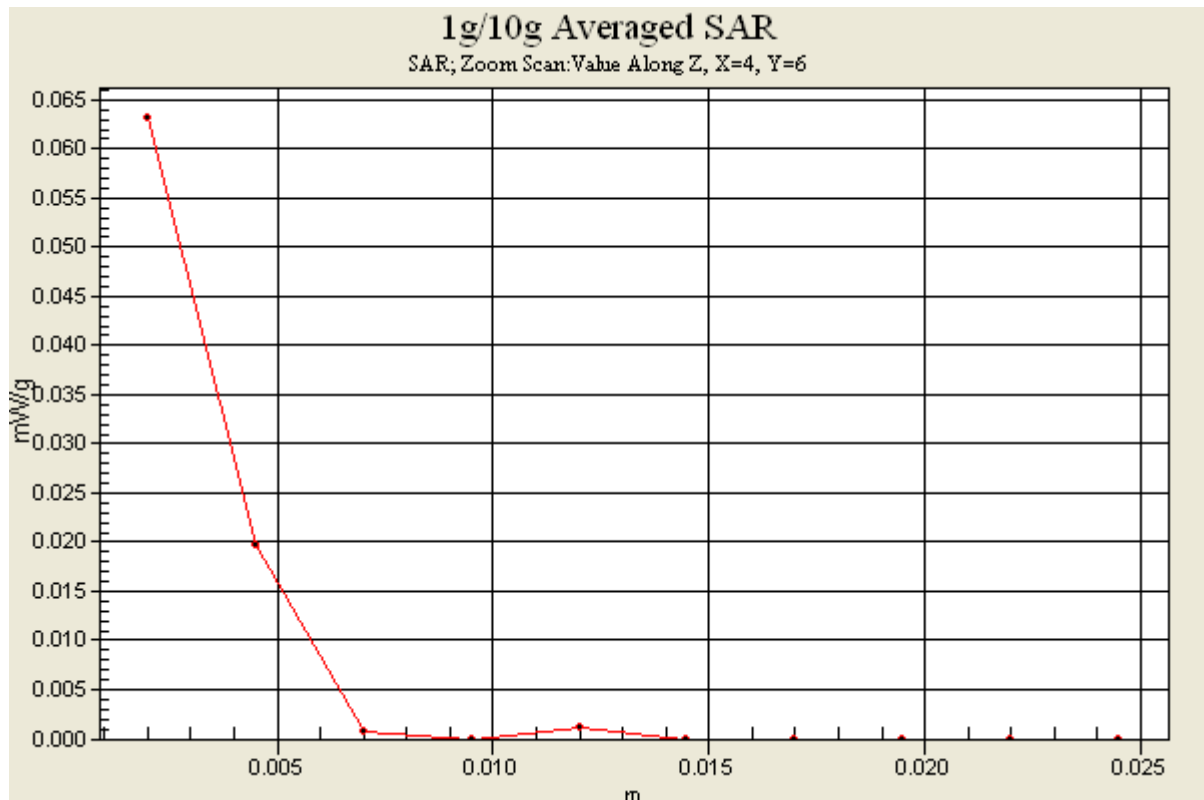
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00997 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



#04 802.11b_Front_0cm_Ch6_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.043 mW/g

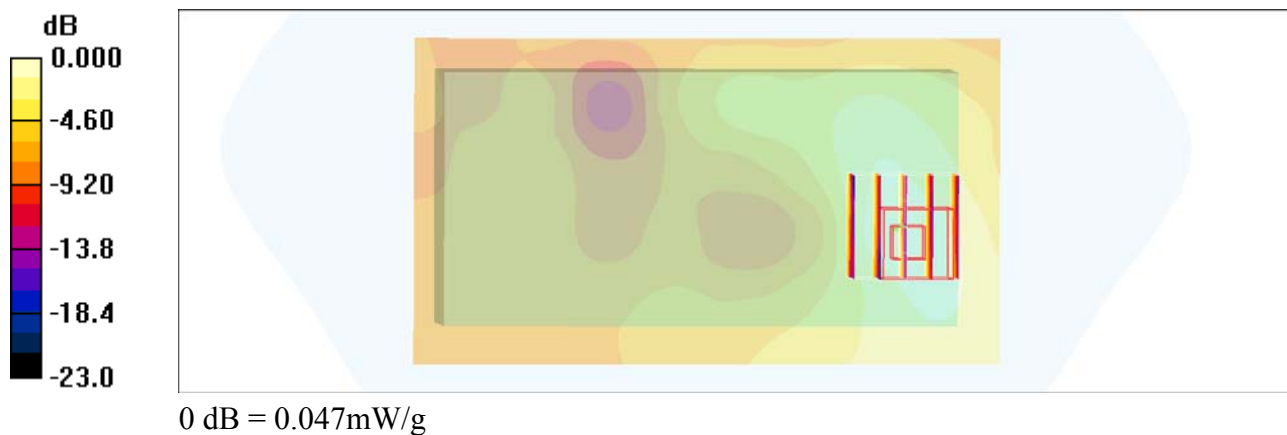
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.80 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



#05 802.11b_Back_0cm_Ch6_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.079 mW/g

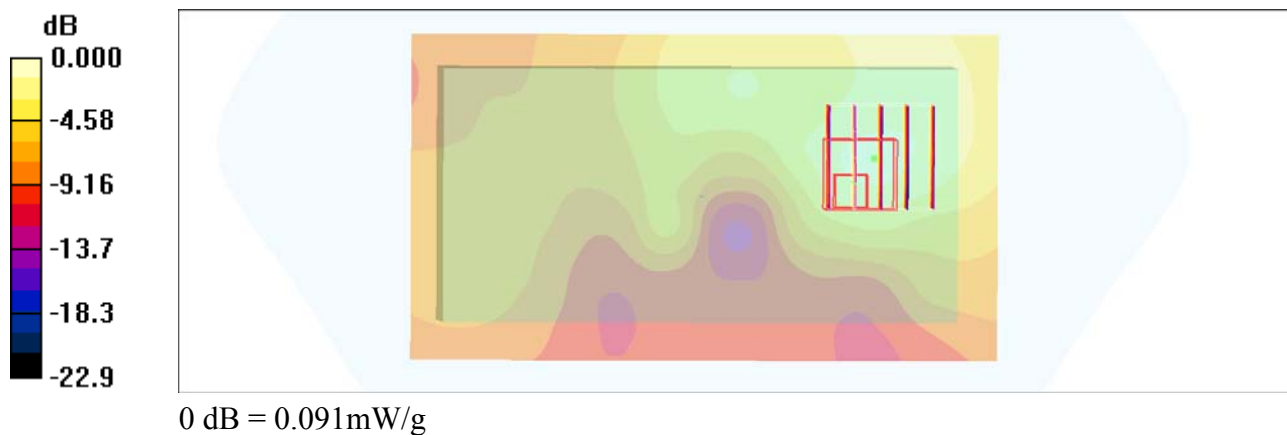
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.85 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



#05 802.11b_Back_0cm_Ch6_Battery1_Keypad1_Holster_2D**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.079 mW/g

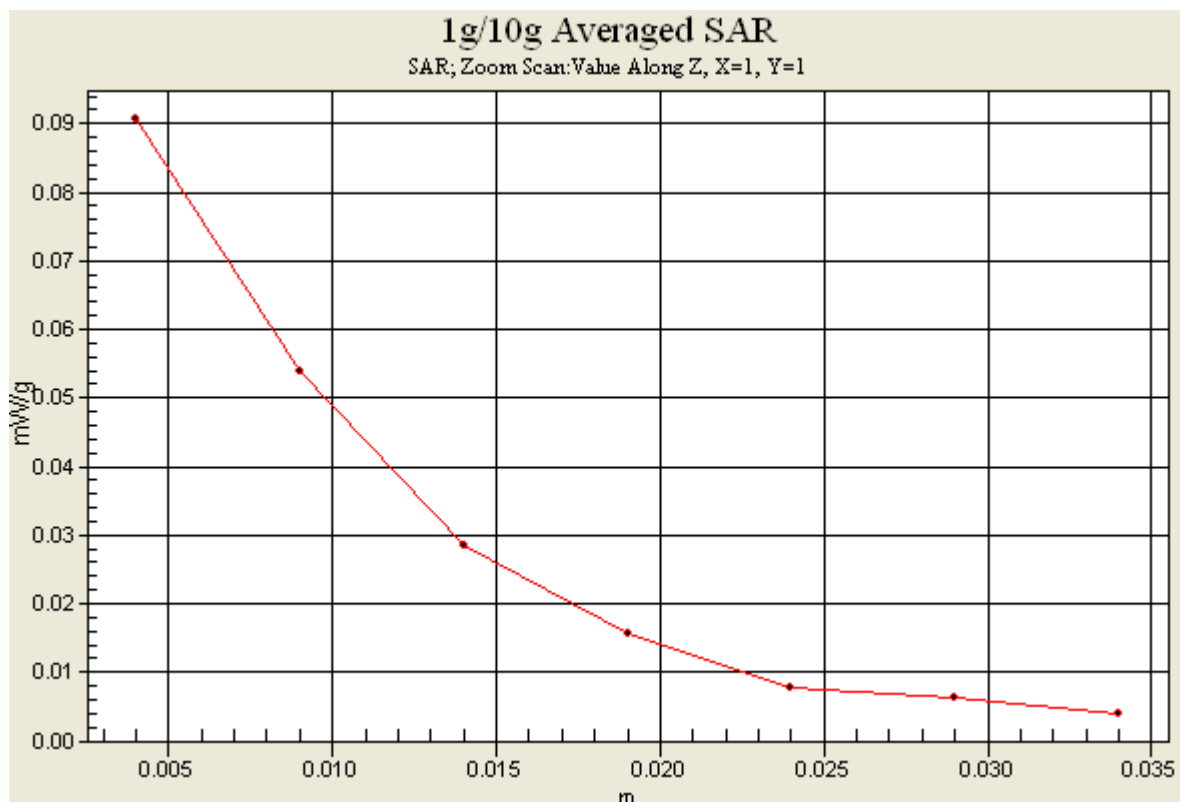
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.85 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



#06 802.11b_Back_0cm_Ch6_Battery2_Keypad2_Holster**DUT: 162005-02**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111013 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.079 mW/g

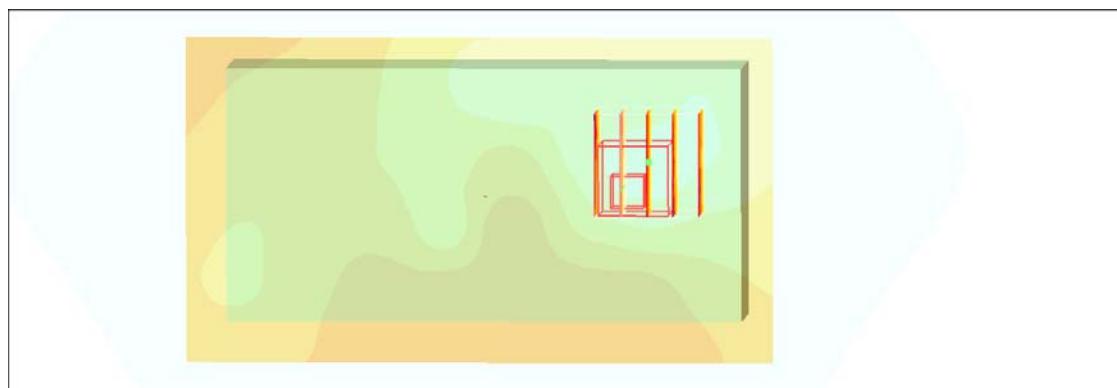
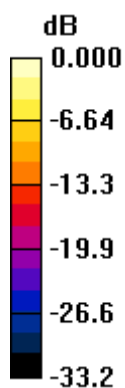
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.38 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

#25 802.11a_Front_0cm_Ch48_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.033 mW/g

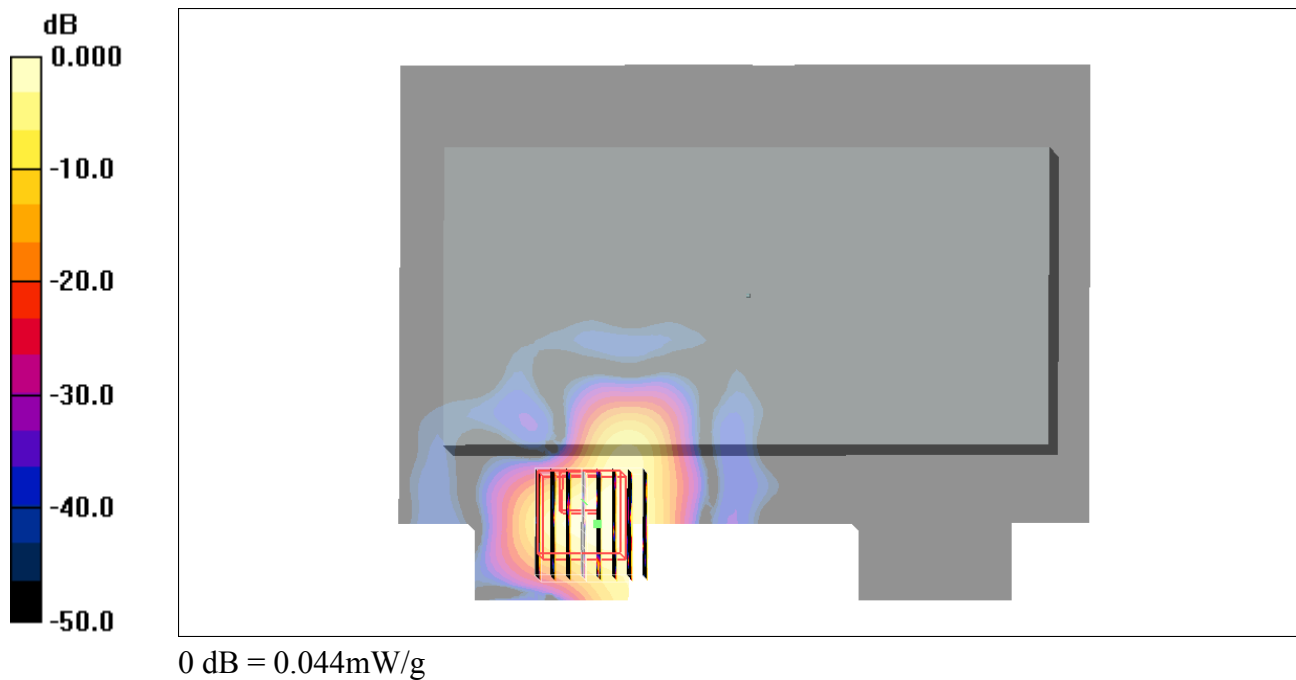
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00818 mW/g

Maximum value of SAR (measured) = 0.044 mW/g



#26 802.11a_Back_0cm_Ch48_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

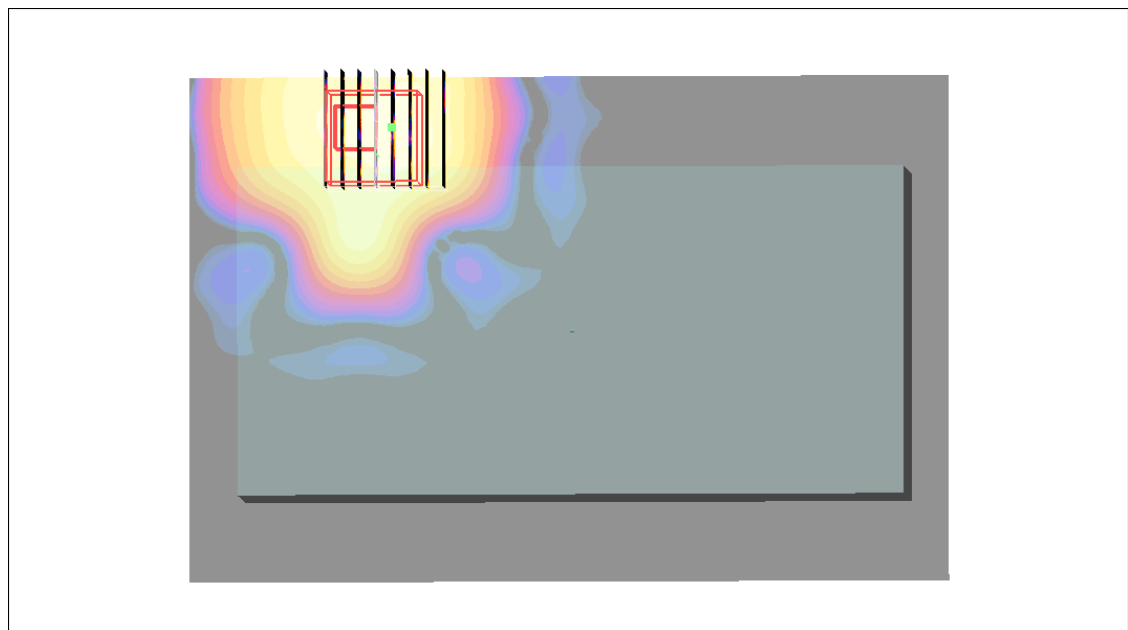
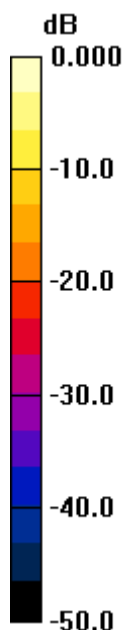
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.097mW/g

#27 802.11a_Back_0cm_Ch48_Battery2_Keypad2_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.112 mW/g

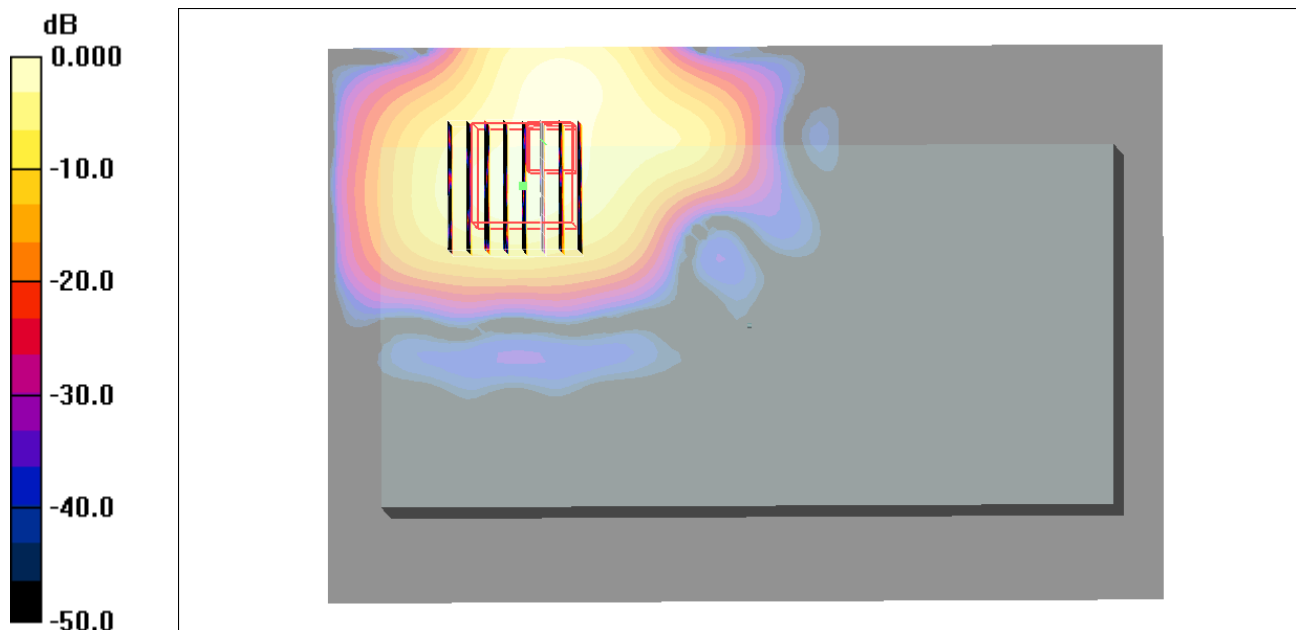
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



#27 802.11a_Back_0cm_Ch48_Battery2_Keypad2_Holster_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.112 mW/g

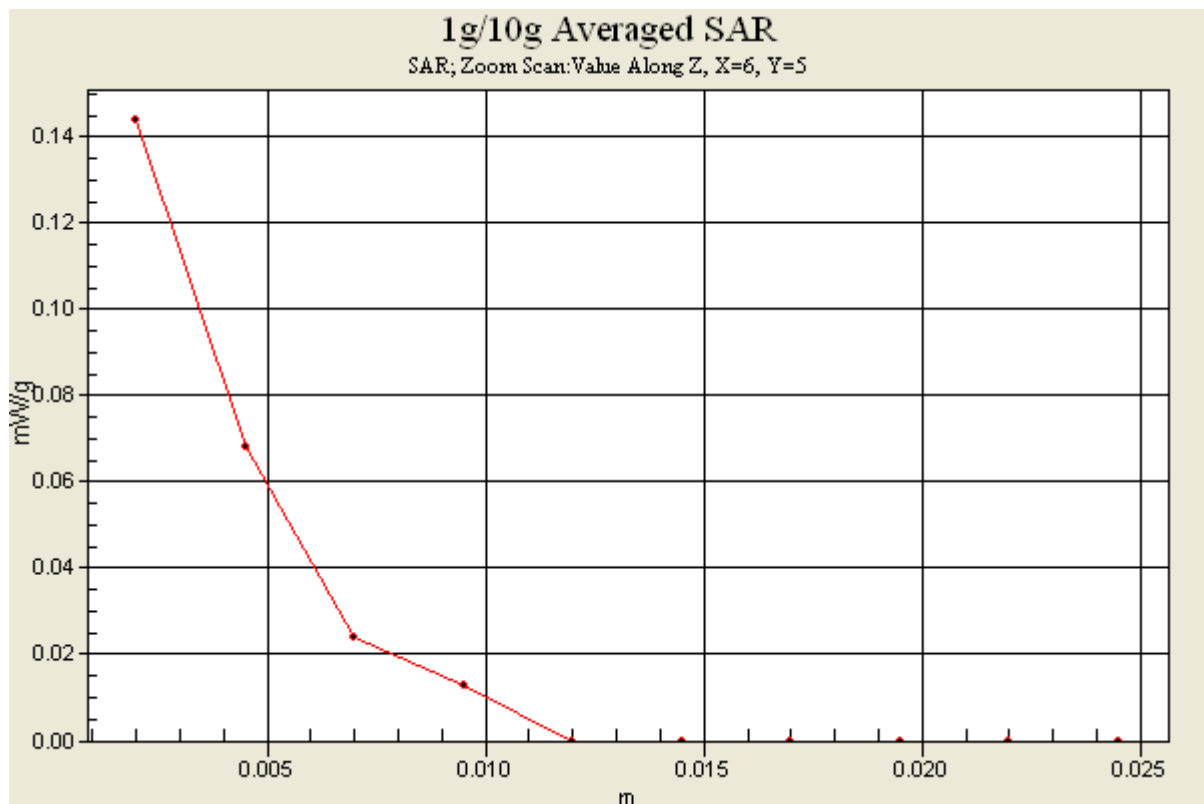
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



#28 802.11a_Front_0cm_Ch52_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.042 mW/g

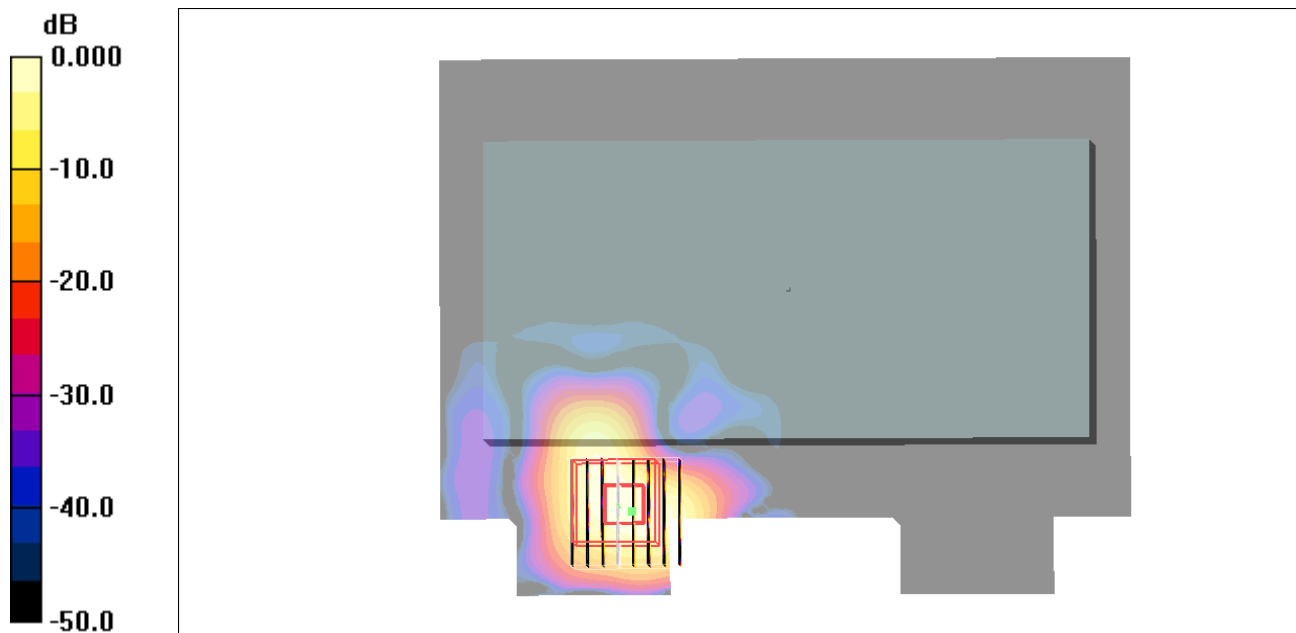
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00756 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



0 dB = 0.040mW/g

#29 802.11a_Back_0cm_Ch52_Battery1_Keypad1_Holster

DUT: 162005-02

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.169 mW/g

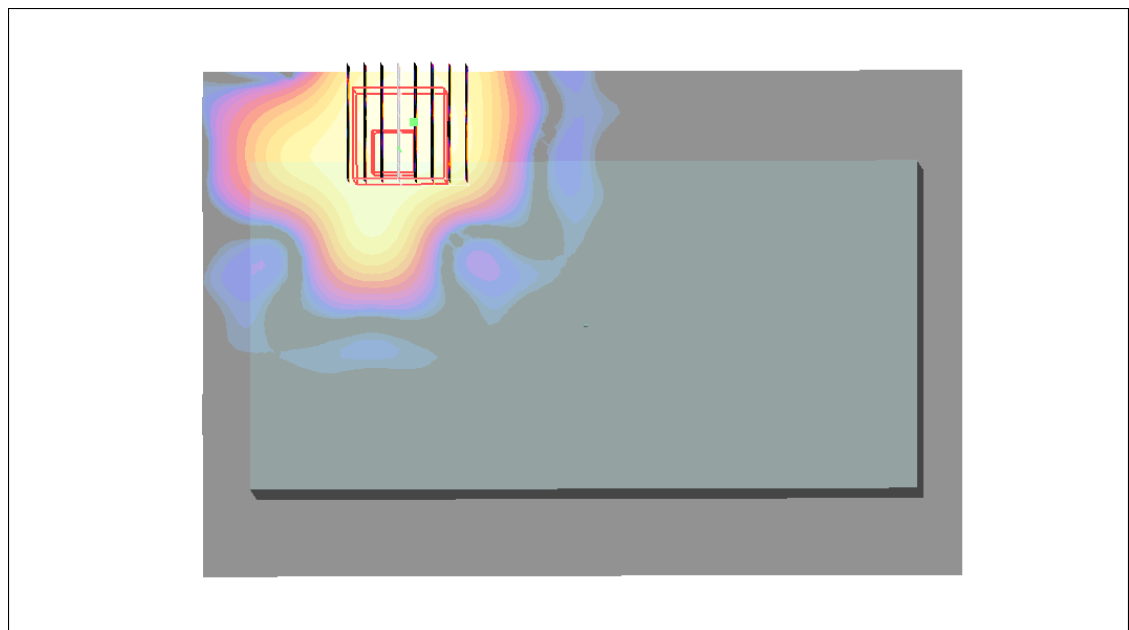
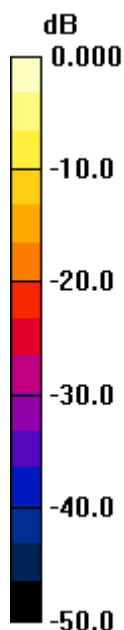
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.103mW/g

#30 802.11a_Back_0cm_Ch52_Battery2_Keypad2_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

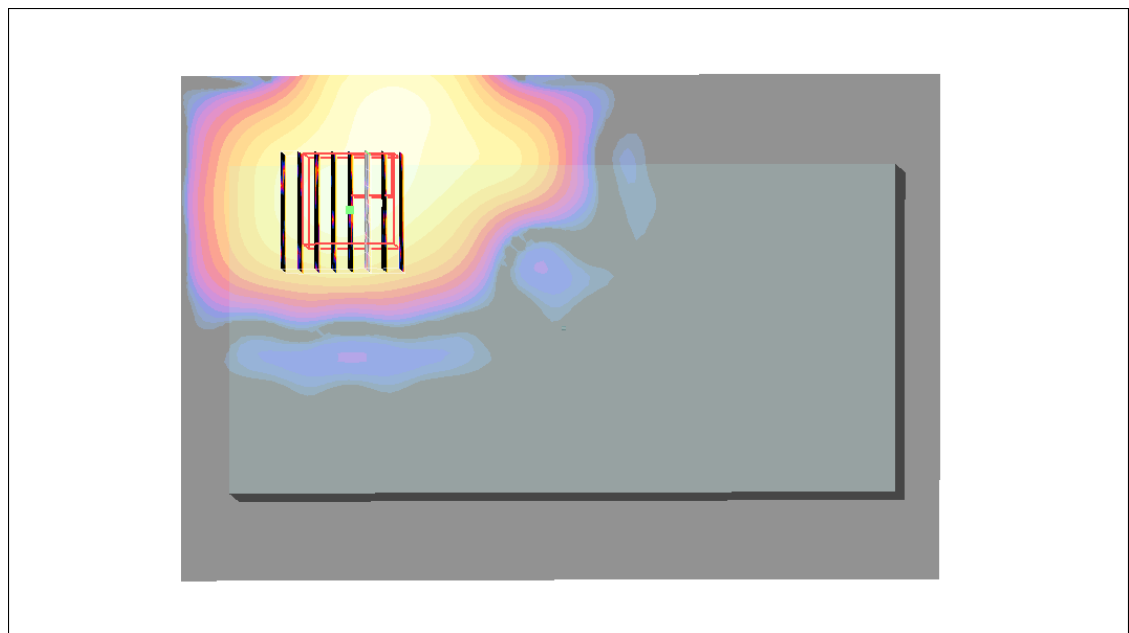
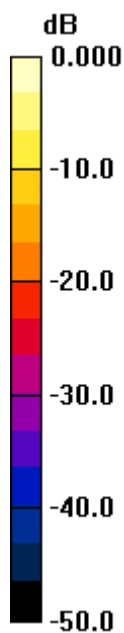
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145mW/g

#30 802.11a_Back_0cm_Ch52_Battery2_Keypad2_Holster_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

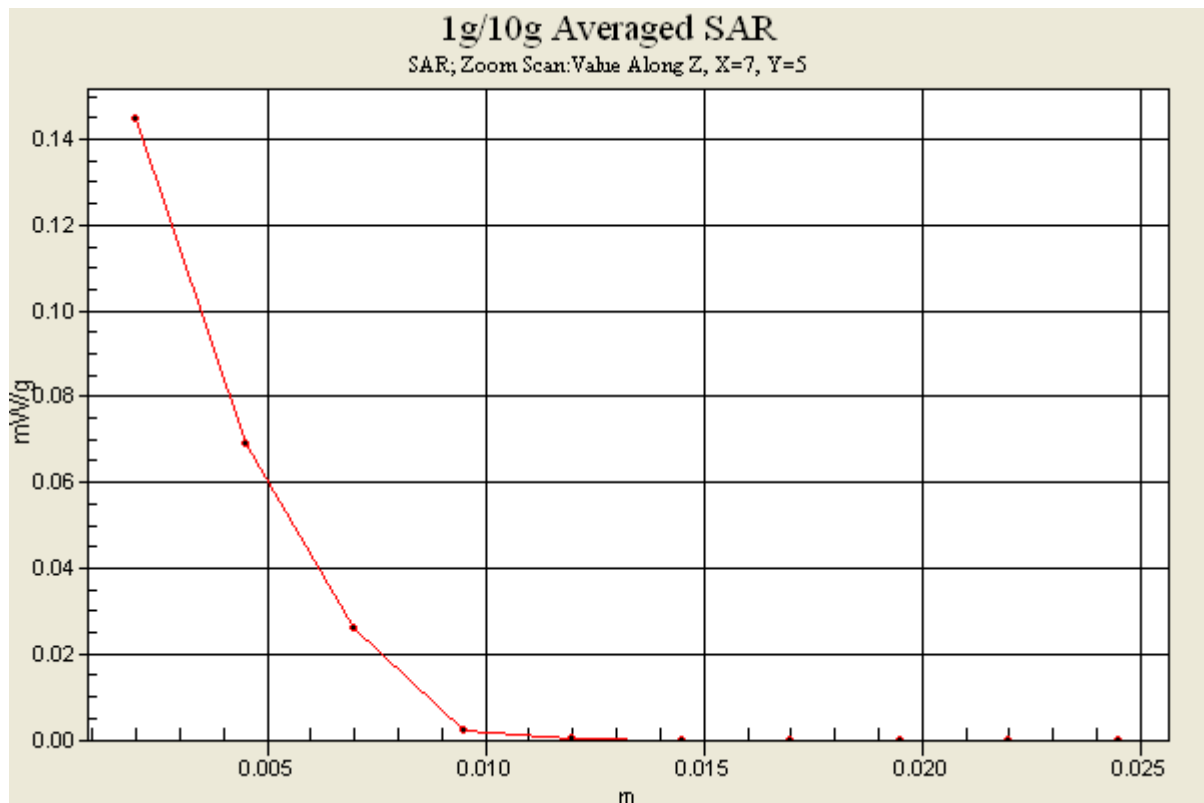
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



#22 802.11a_Front_0cm_Ch100_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.012 mW/g

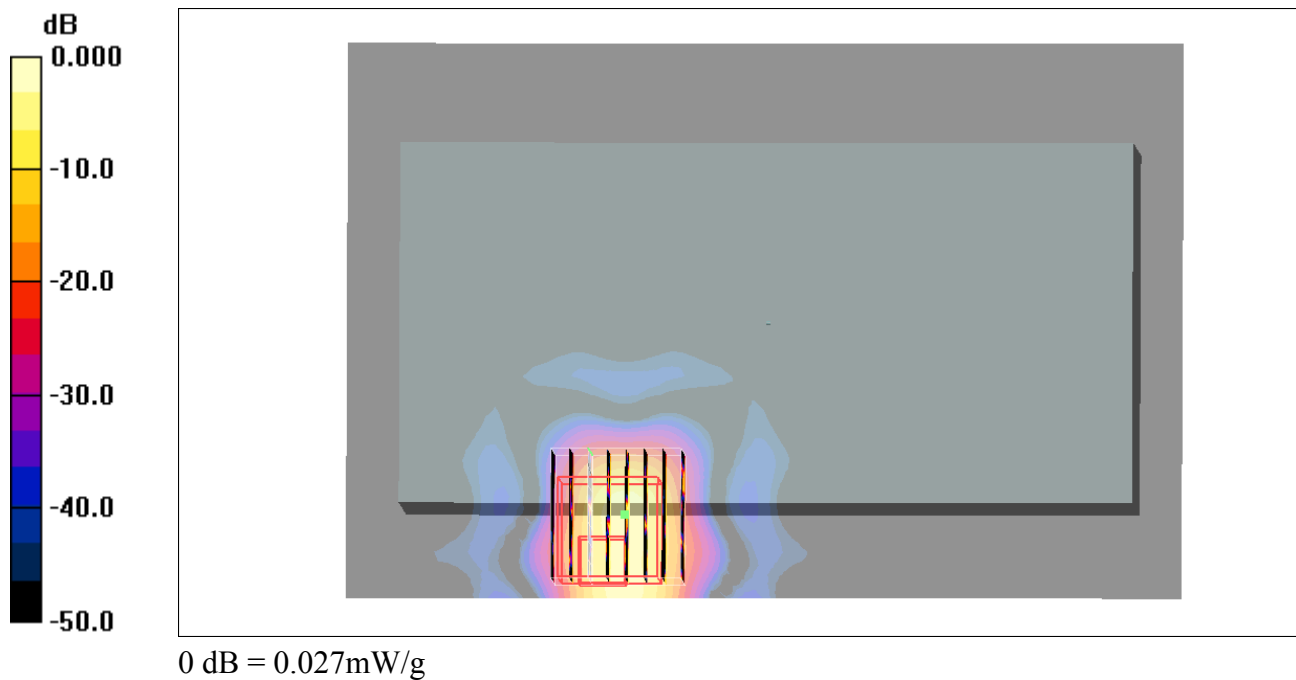
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00548 mW/g

Maximum value of SAR (measured) = 0.027 mW/g



#23 802.11a_Back_0cm_Ch100_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.052 mW/g

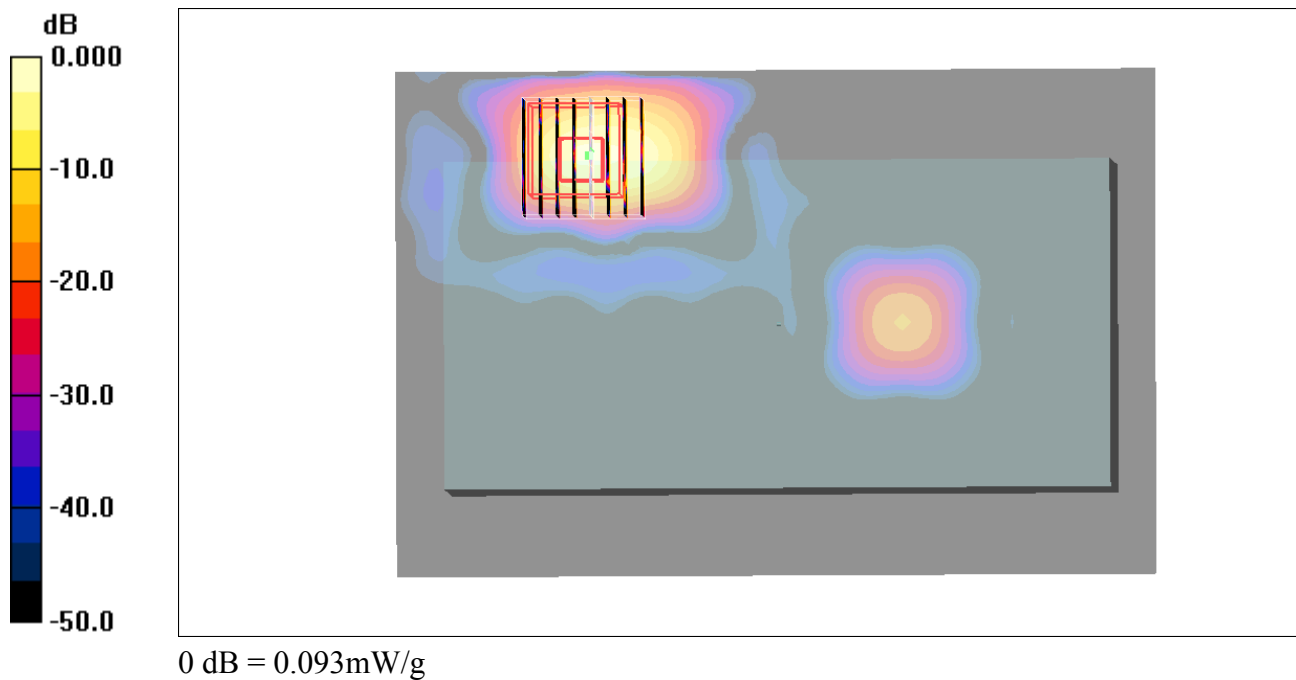
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



#24 802.11a_Back_0cm_Ch100_Battery2_Keypad2_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.167 mW/g

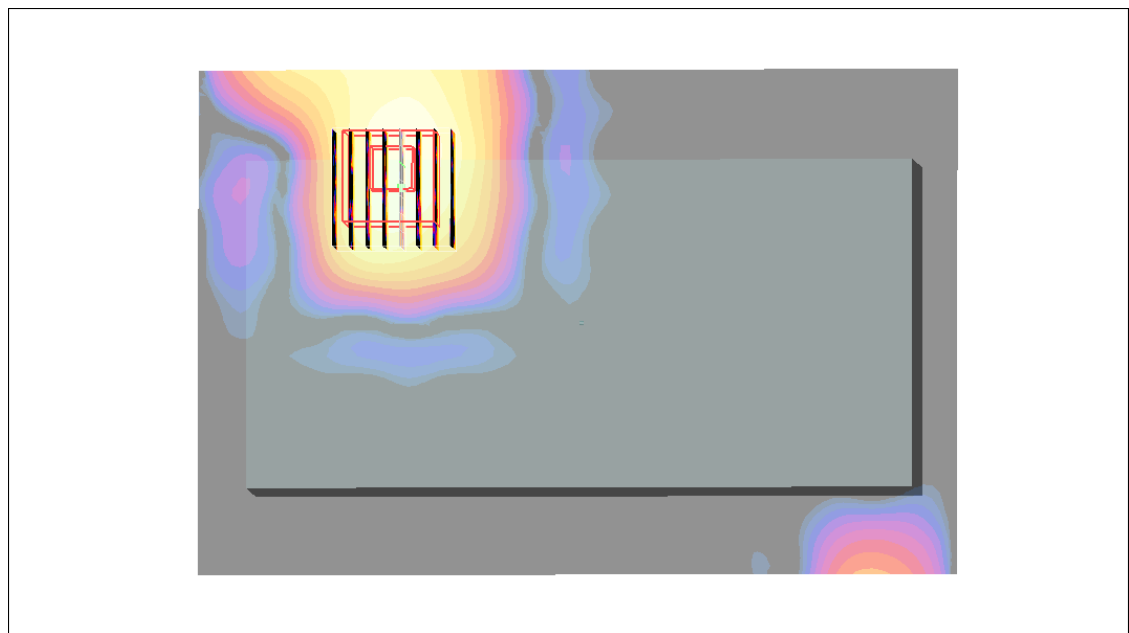
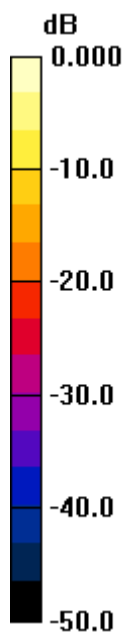
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

#24 802.11a_Back_0cm_Ch100_Battery2_Keypad2_Holster_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.167 mW/g

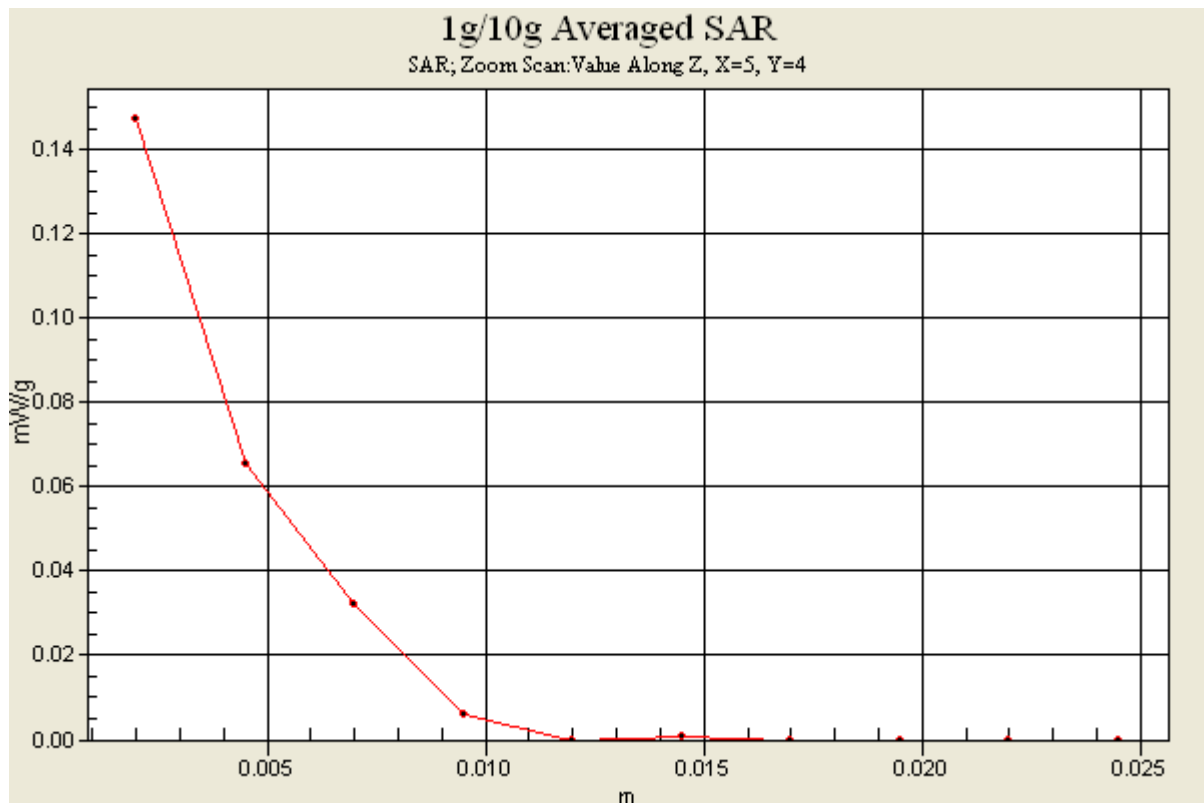
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



#19 802.11a_Front_0cm_Ch161_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.112 mW/g

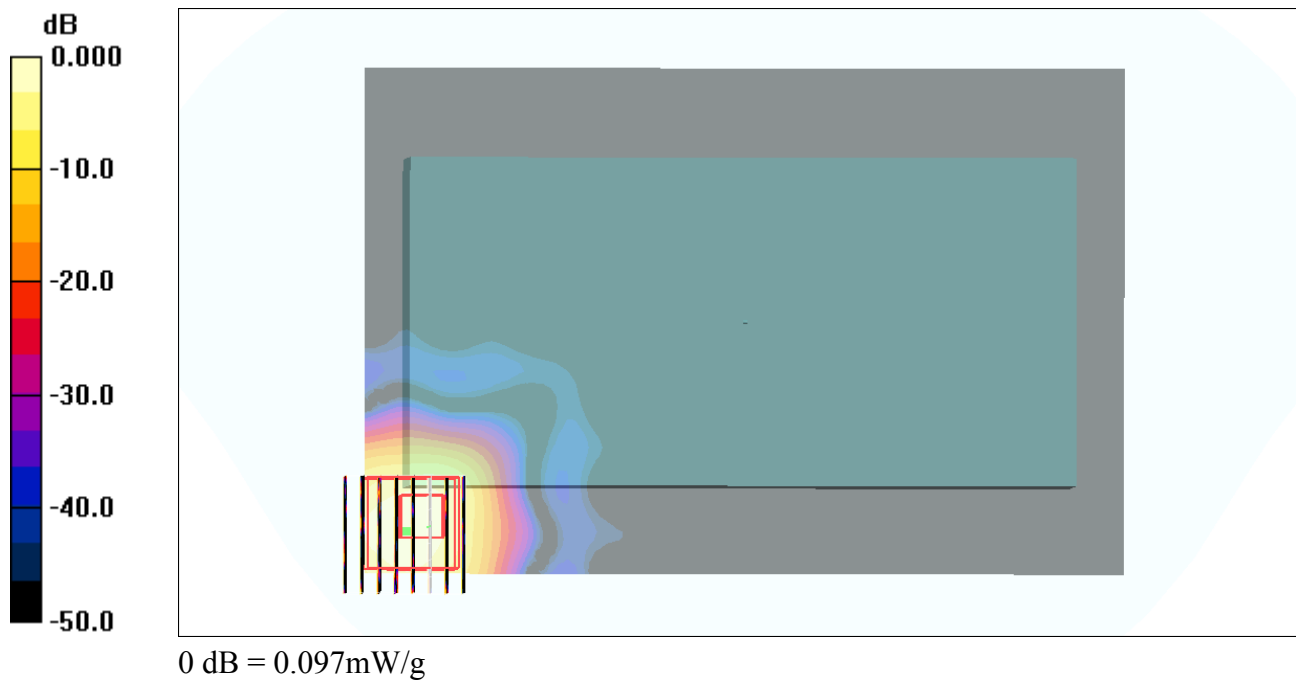
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



#20 802.11a_Back_0cm_Ch161_Battery1_Keypad1_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.030 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.065 mW/g

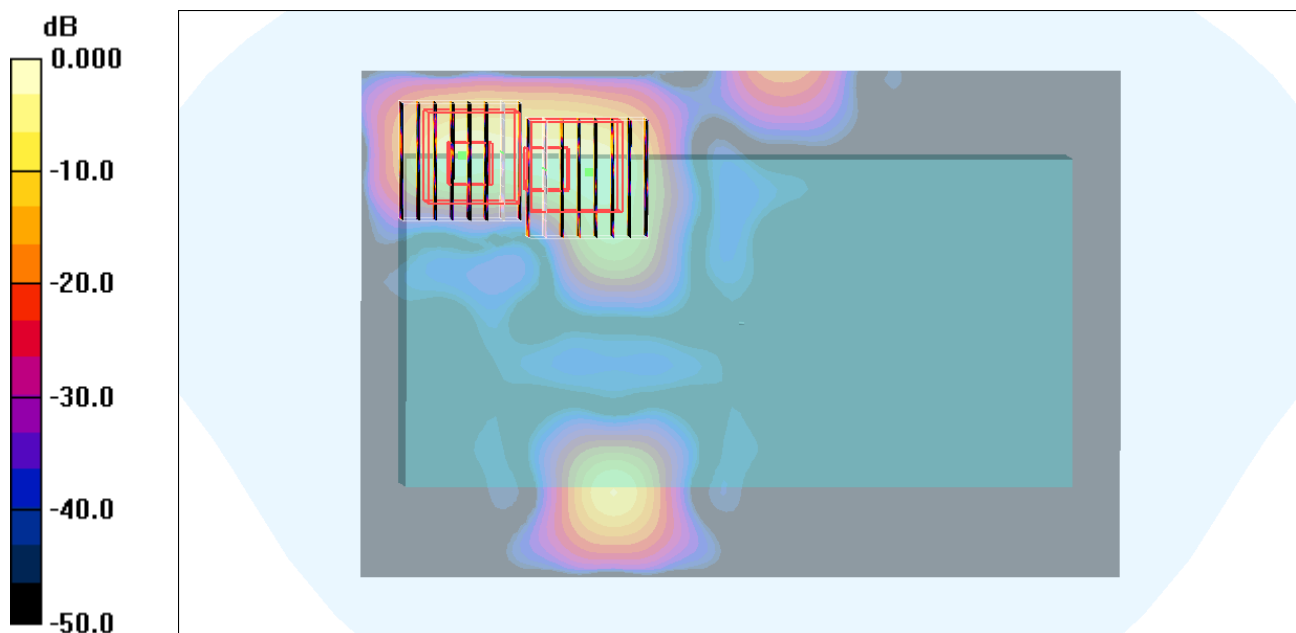
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

#21 802.11a_Front_0cm_Ch161_Battery2_Keypad2_Holster**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.028 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.077 mW/g

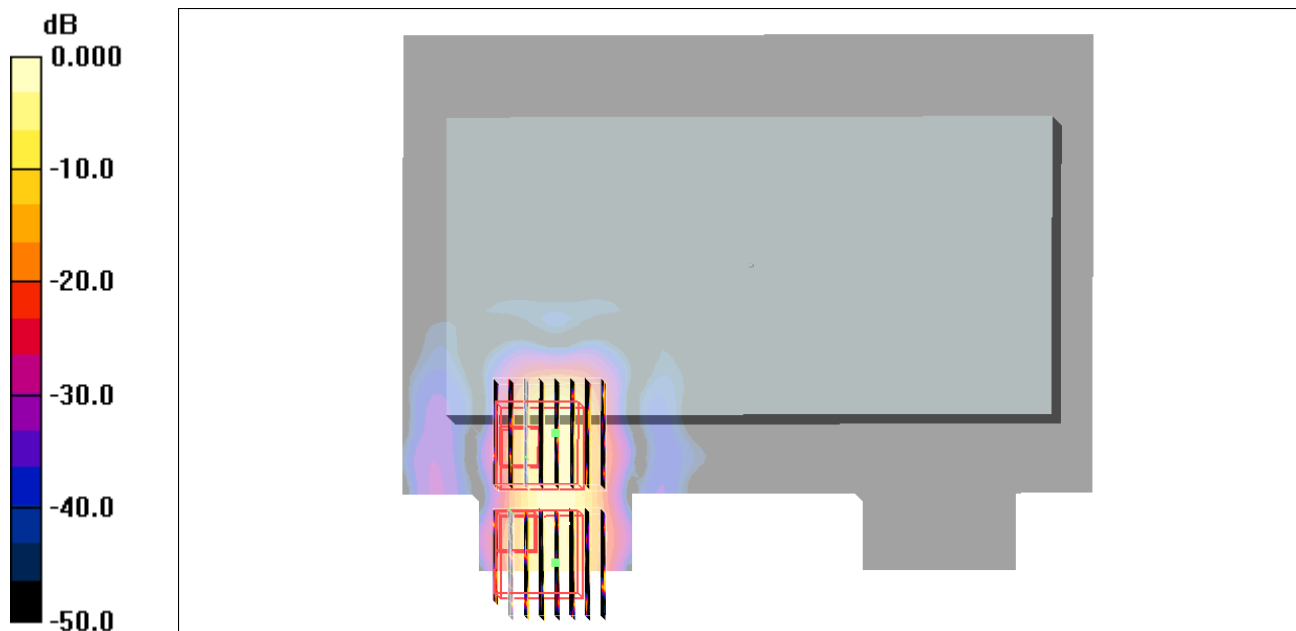
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00755 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g

#21 802.11a_Front_0cm_Ch161_Battery2_Keypad2_Holster_2D**DUT: 162005-02**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_111014 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011-06-17
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.028 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.077 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00755 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

