

#07 GSM850_GPRS12_Horizontal Up_0.5cm_CH251**DUT: 981821**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_090828 Medium parameters used: $f = 849$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 mW/g

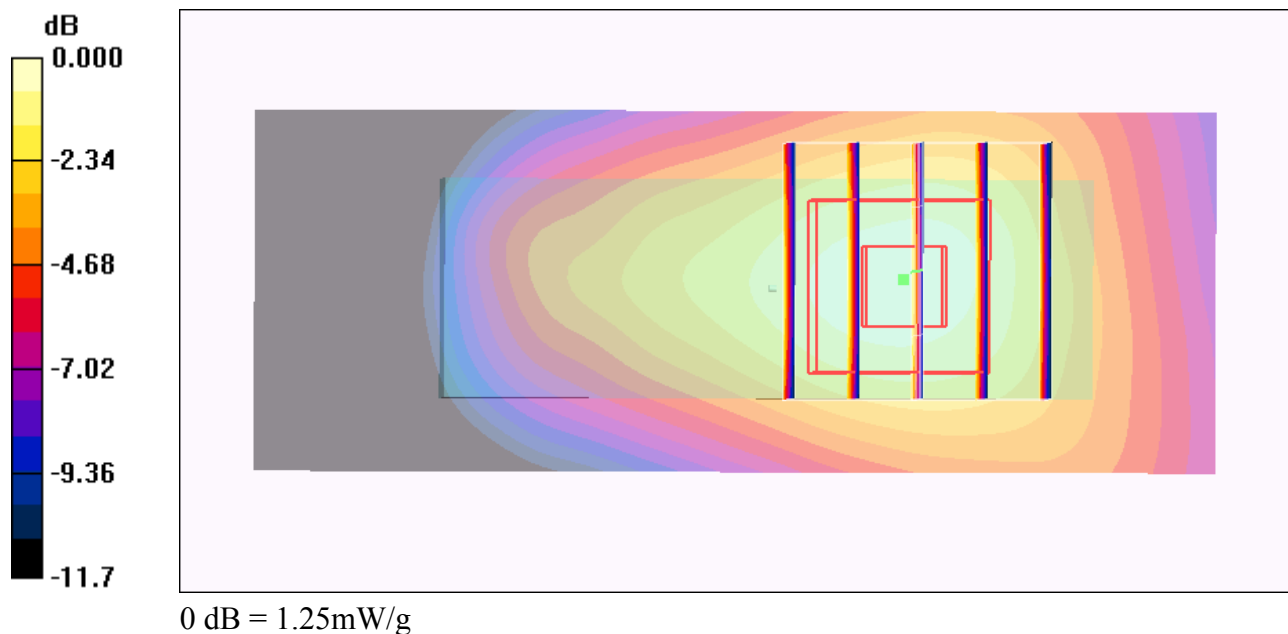
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.739 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



#07 GSM850_GPRS12_Horizontal Up_0.5cm_CH251_2D**DUT: 981821**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_090828 Medium parameters used: $f = 849$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 mW/g

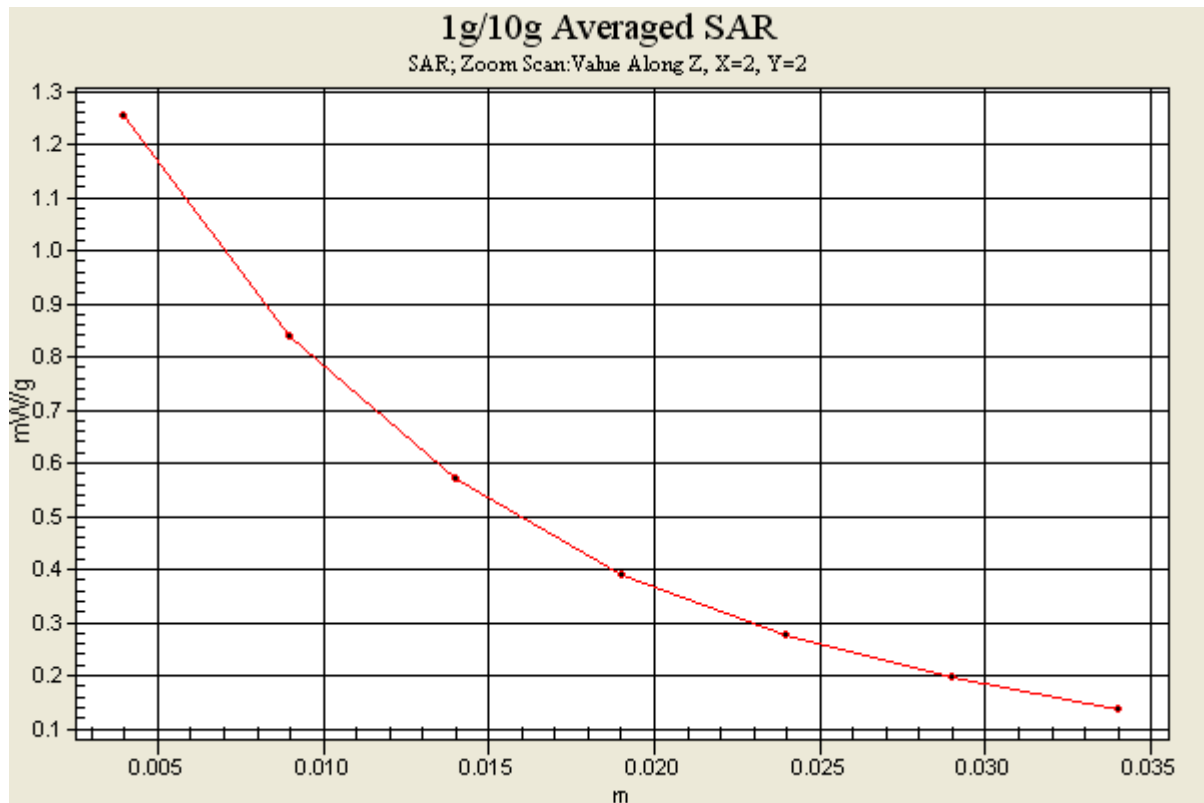
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.739 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



#09 GSM850_GPRS12_Horizontal Down_0.5cm_CH251**DUT: 981821**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_090828 Medium parameters used: $f = 849$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 mW/g

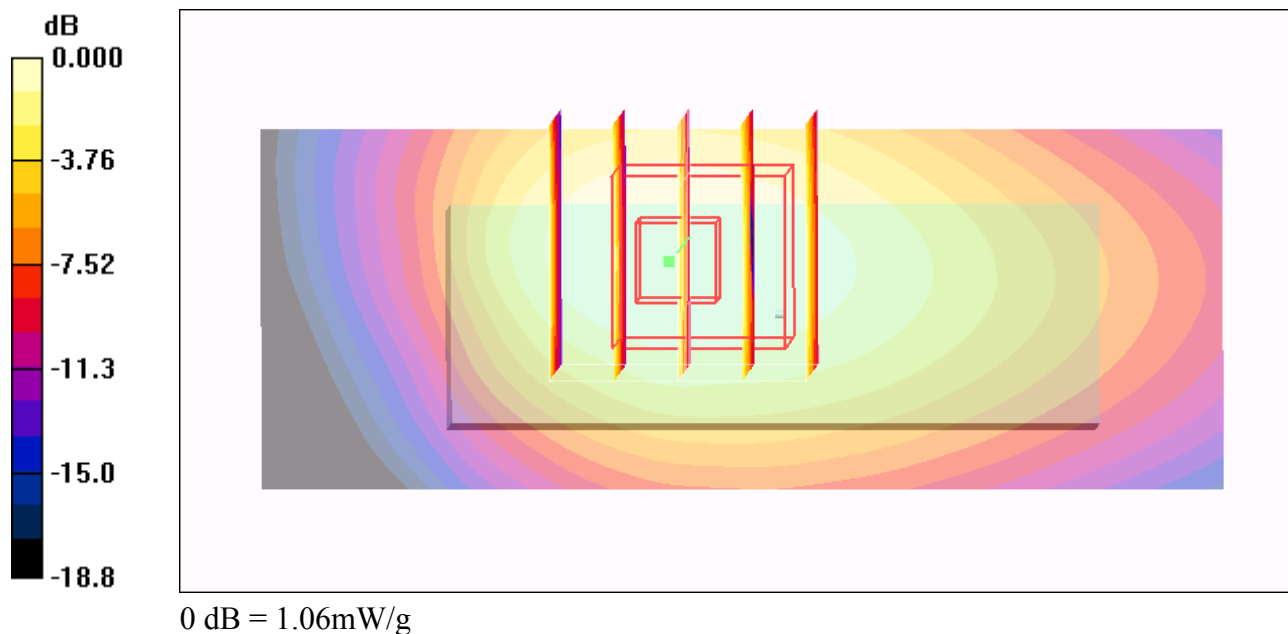
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.627 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



#04 GSM850_GPRS12_Vertical Front_0.5cm_CH189**DUT: 981821**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850_090828 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

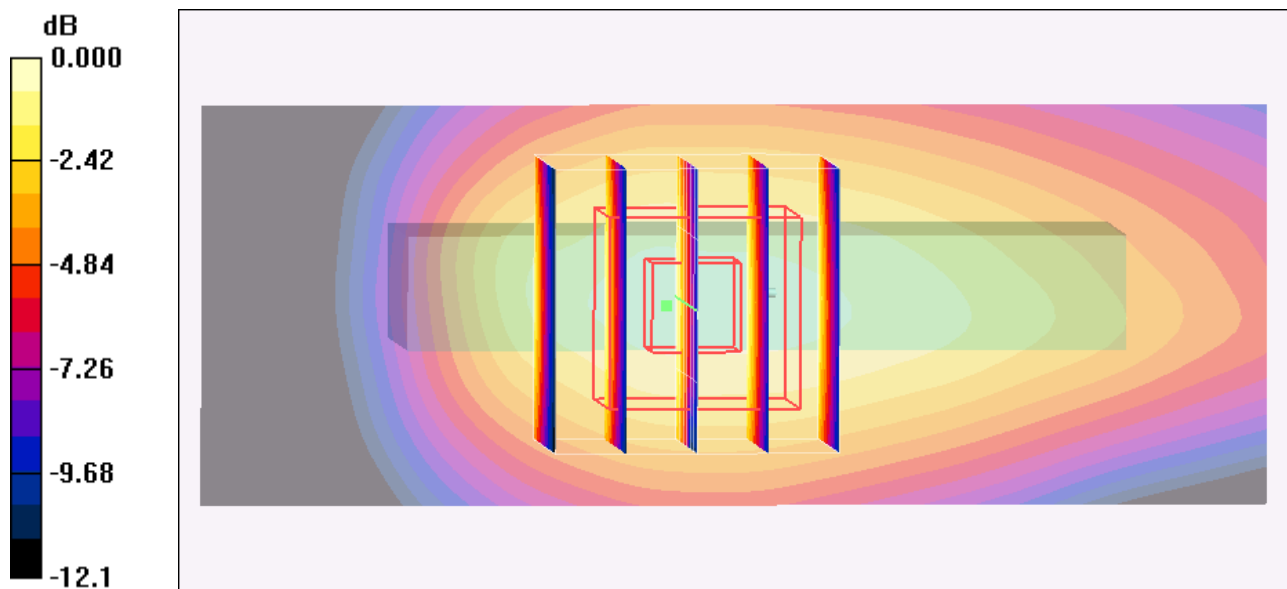
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.629 mW/g



0 dB = 0.629mW/g

#37 GSM850_GPRS12_Vertical Back_0.5cm_CH189**DUT: 981821**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850_1020 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.691 mW/g

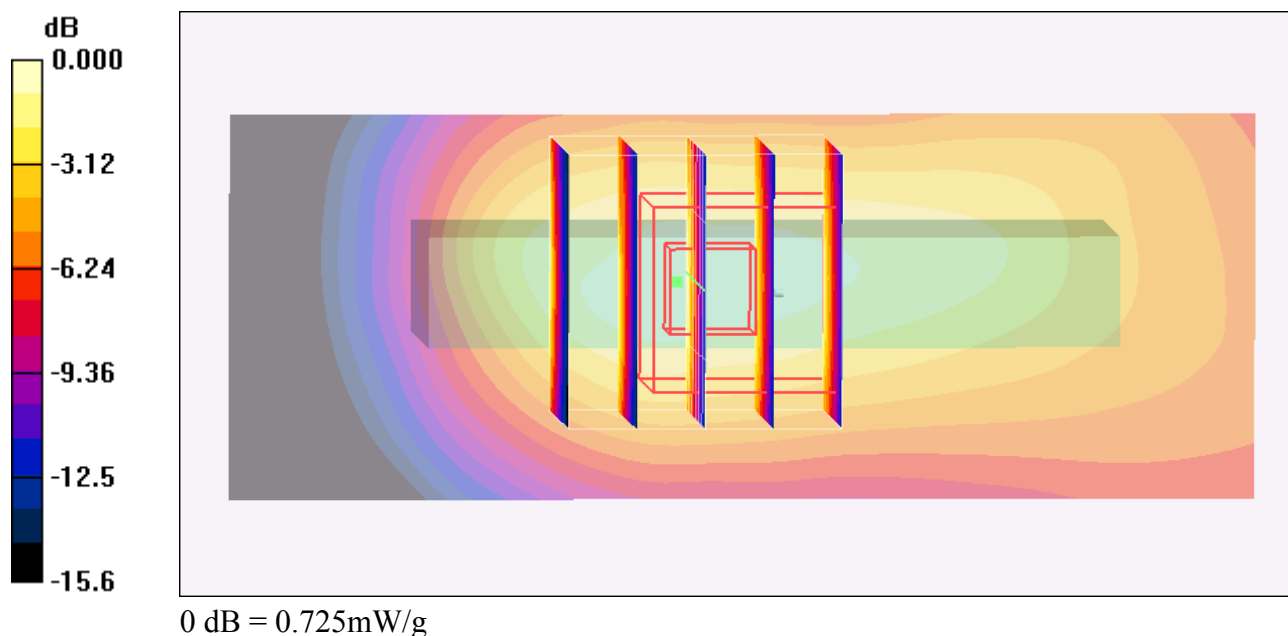
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.725 mW/g



#35 GSM850_GPRS12_Horizontal Up_1cm_CH251

DUT: 981821

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_090907 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.590 mW/g

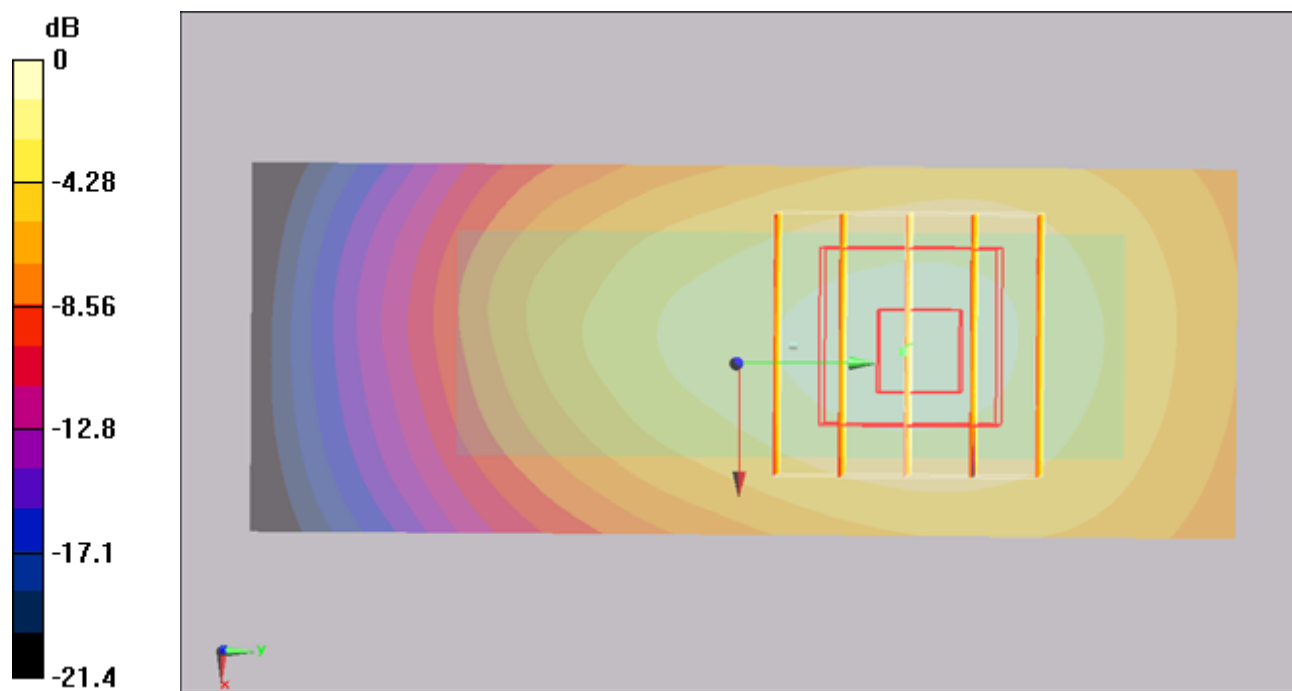
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.5 V/m ; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.636 mW/g ; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.682 mW/g



0 dB = 0.682mW/g

#36 GSM850_GPRS12_Horizontal Up_1.5cm_CH251

DUT: 981821

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_090907 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.406 mW/g

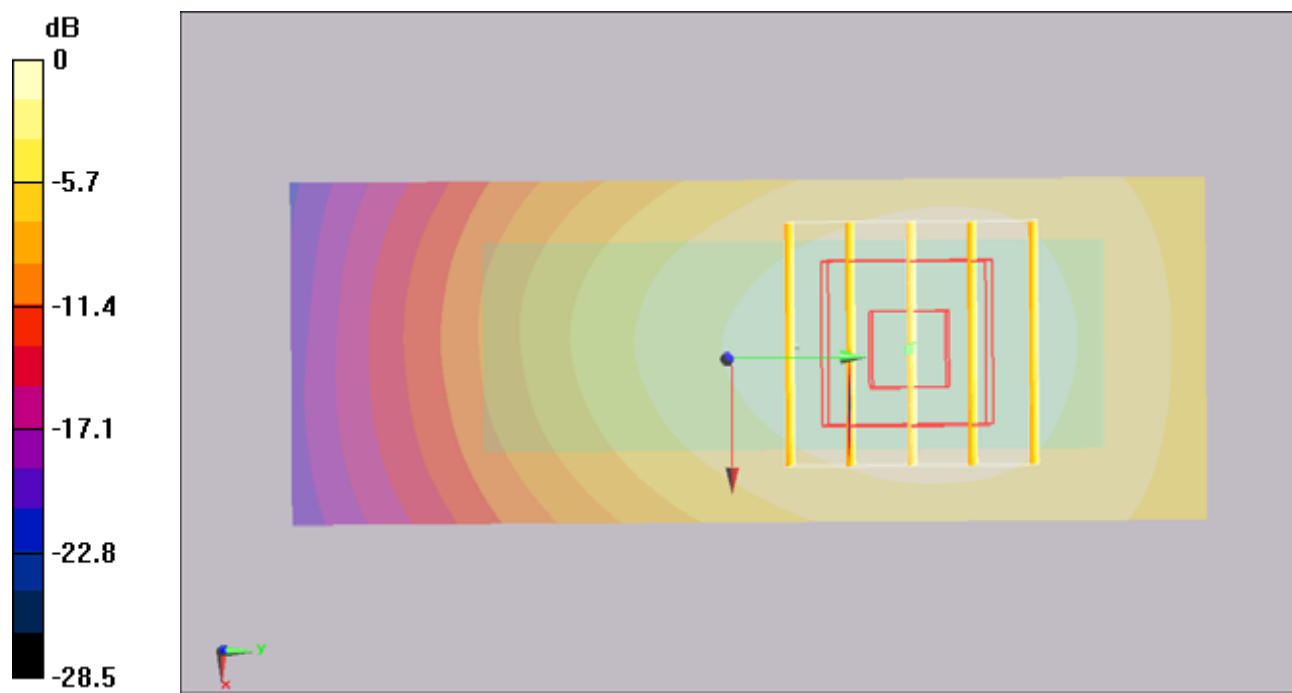
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19 V/m ; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.386 mW/g ; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.414 mW/g



#23 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch512**DUT: 981821**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.4$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 mW/g

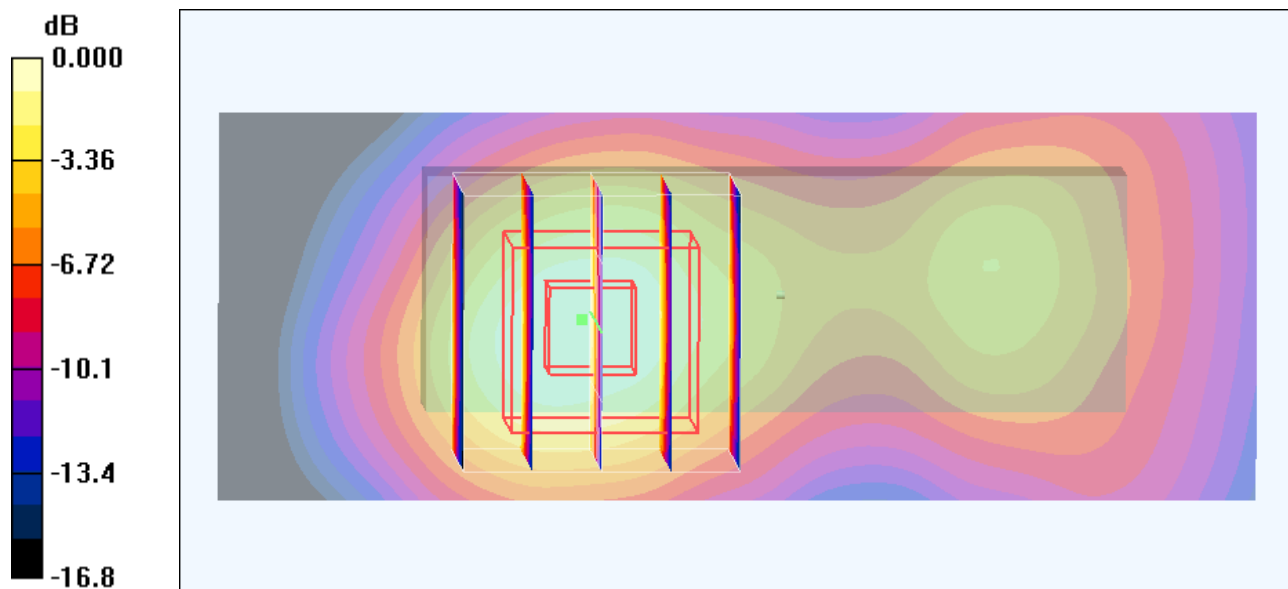
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g

#23 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch512_2D**DUT: 981821**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

52.4; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 mW/g

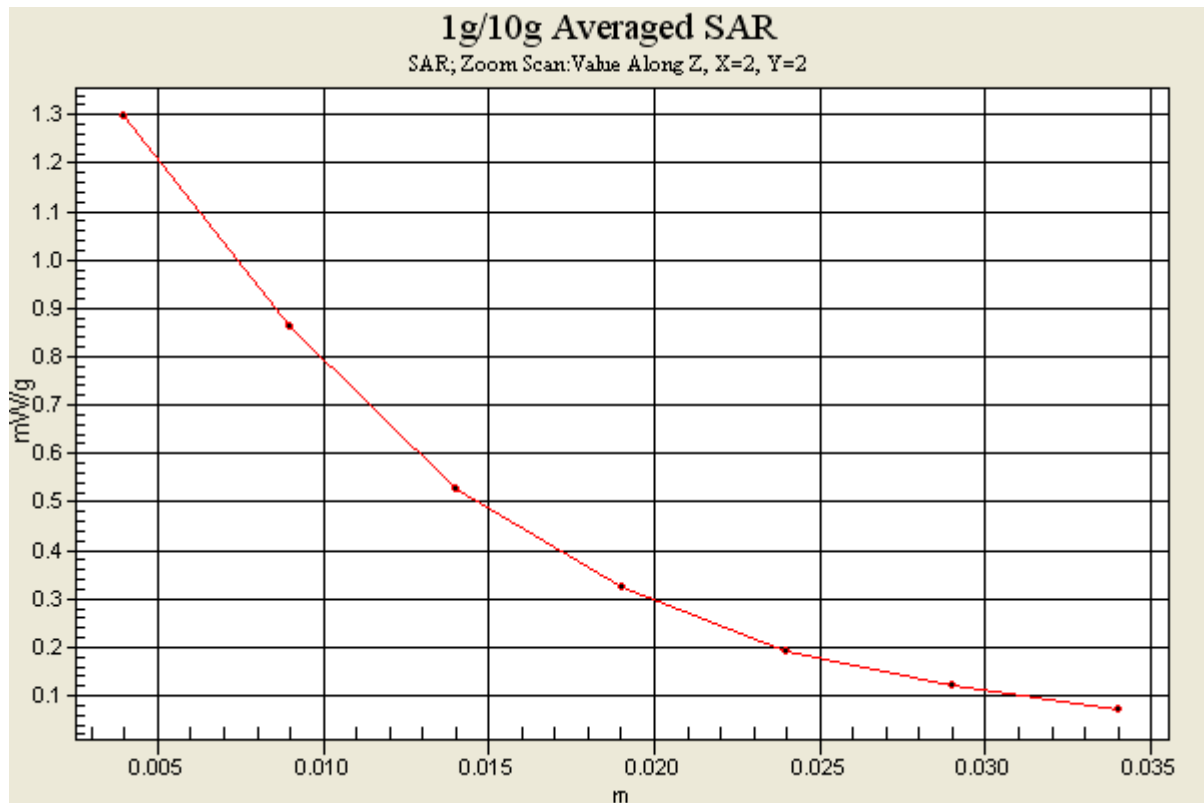
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



#20 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661**DUT: 981821**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

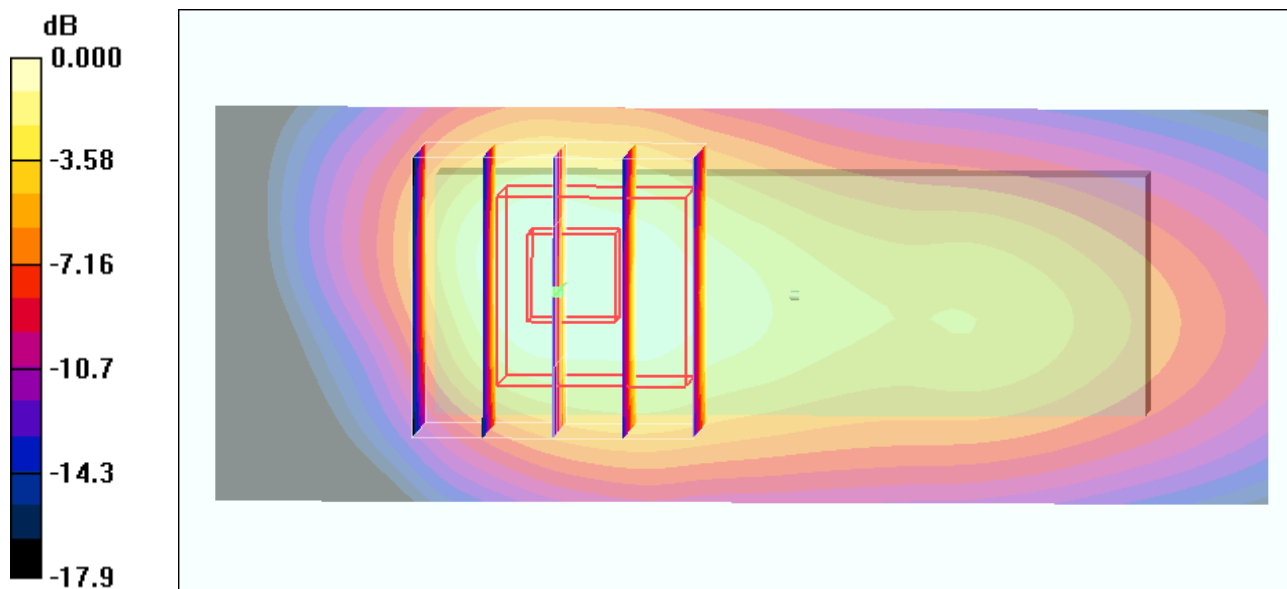
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

#21 GSM1900_GPRS10_Vertical Front_0.5cm_Ch661**DUT: 981821**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.3$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.577 mW/g

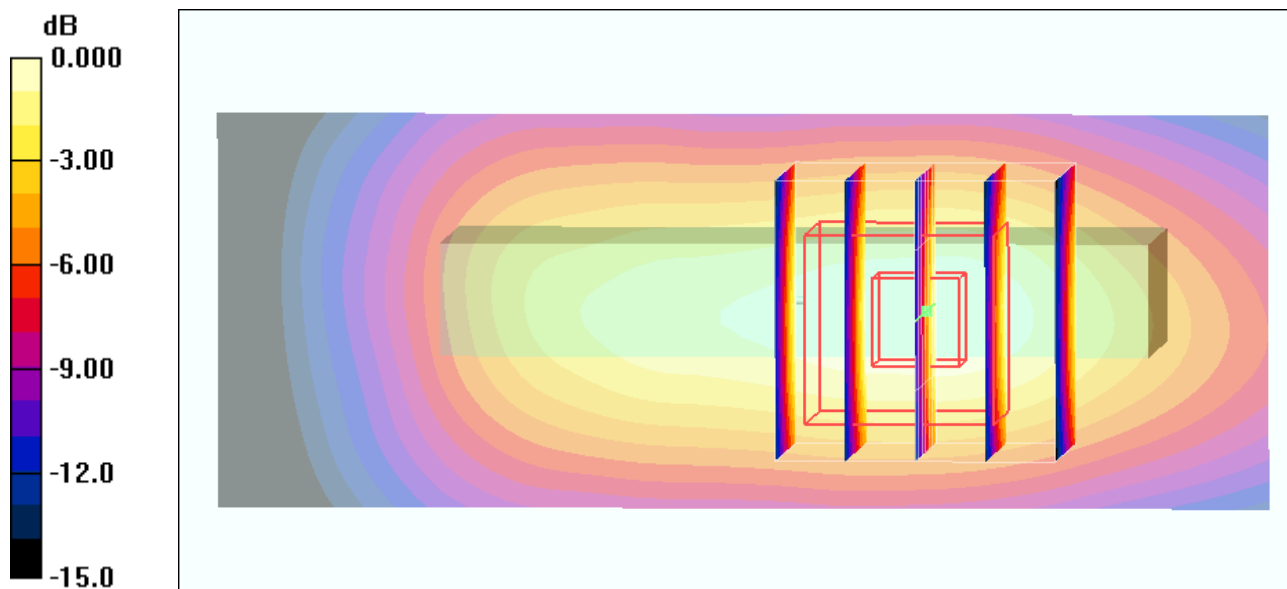
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.565 mW/g



0 dB = 0.565mW/g

#39 GSM1900_GPRS10_Vertical Back_0.5cm_Ch661**DUT: 981821**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_091020 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 50.8$; ρ

$= 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.642 mW/g

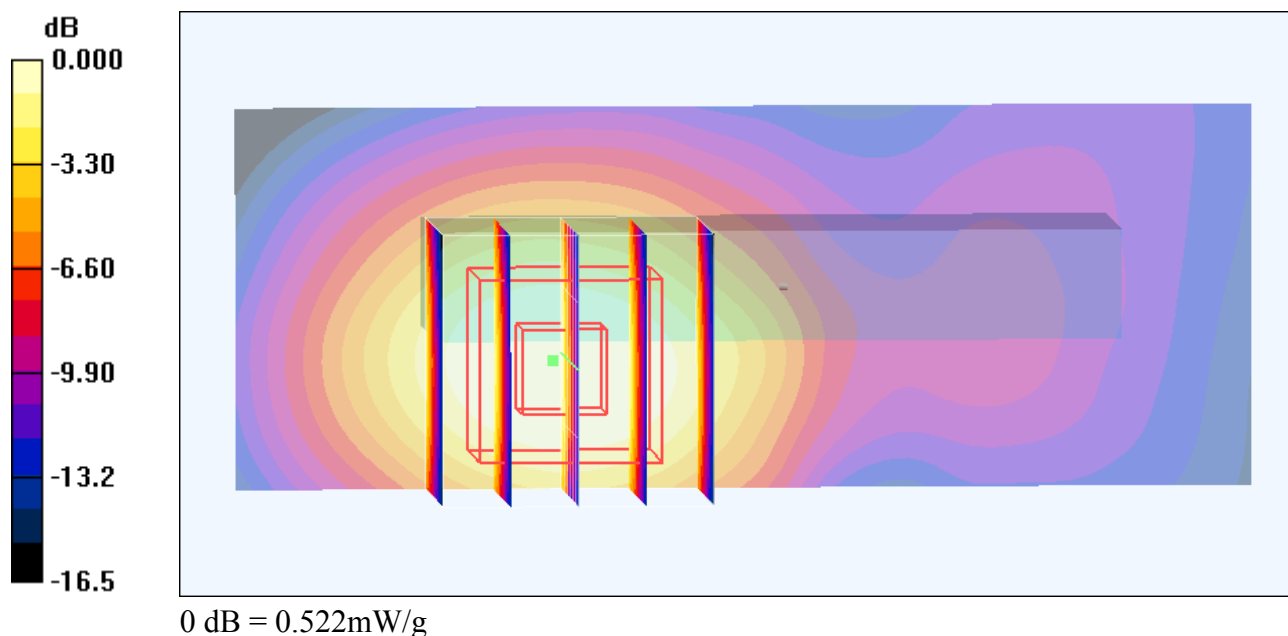
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.63 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



#27 GSM1900_GPRS10_Horizontal Up_1cm_Ch512**DUT: 981821**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.4$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.972 mW/g

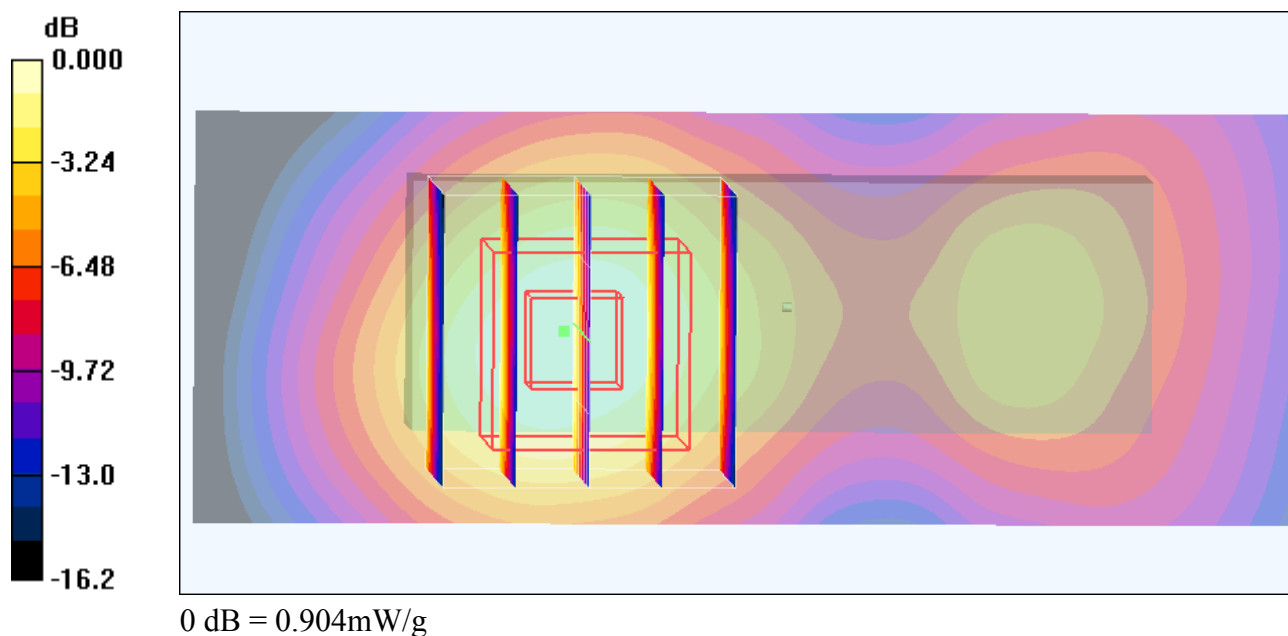
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.904 mW/g



#28 GSM1900_GPRS10_Horizontal Up_1.5cm_Ch512**DUT: 981821**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090904 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.4$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- 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

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.544 mW/g

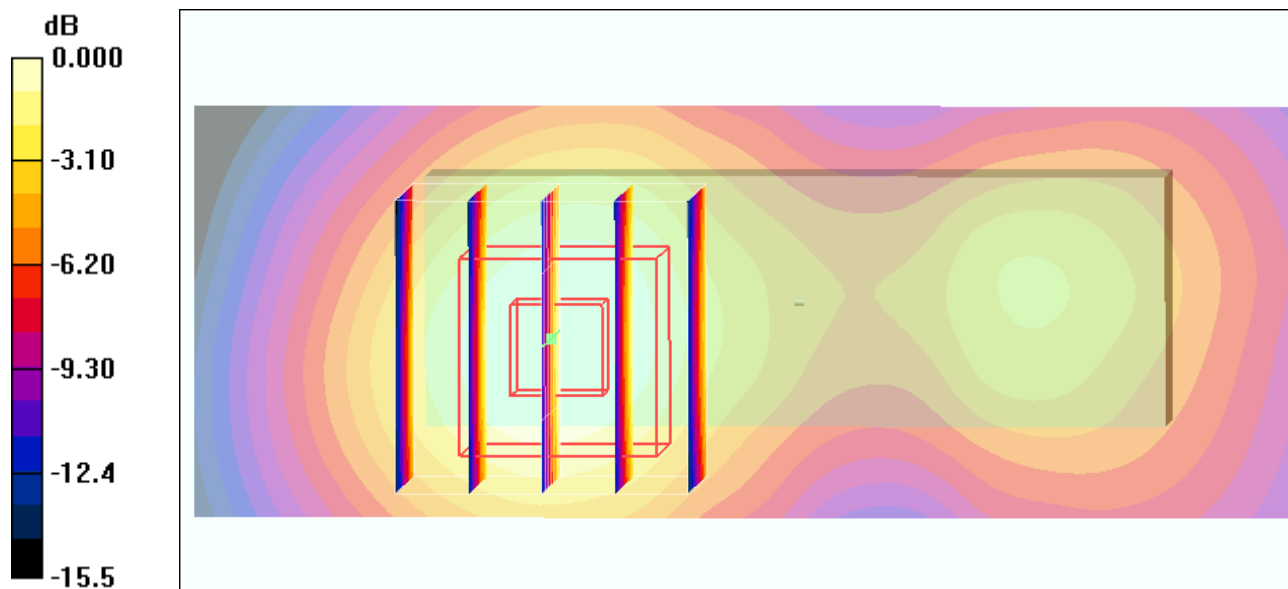
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



0 dB = 0.491mW/g

#16 WCDMA V_RMC12.2k_Horizontal Up_0.5cm_CH4132**DUT: 981821**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_090828 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.981 mW/g

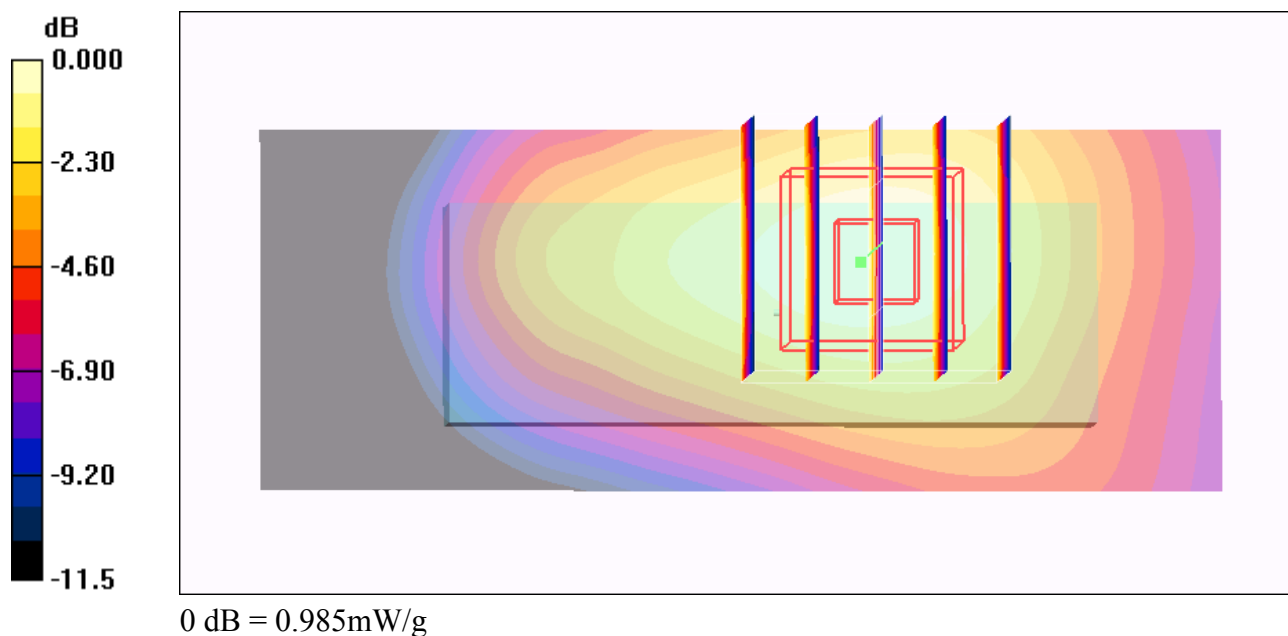
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.0 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



#16 WCDMA V_RMC12.2k_Horizontal Up_0.5cm_CH4132_2D**DUT: 981821**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_090828 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.981 mW/g

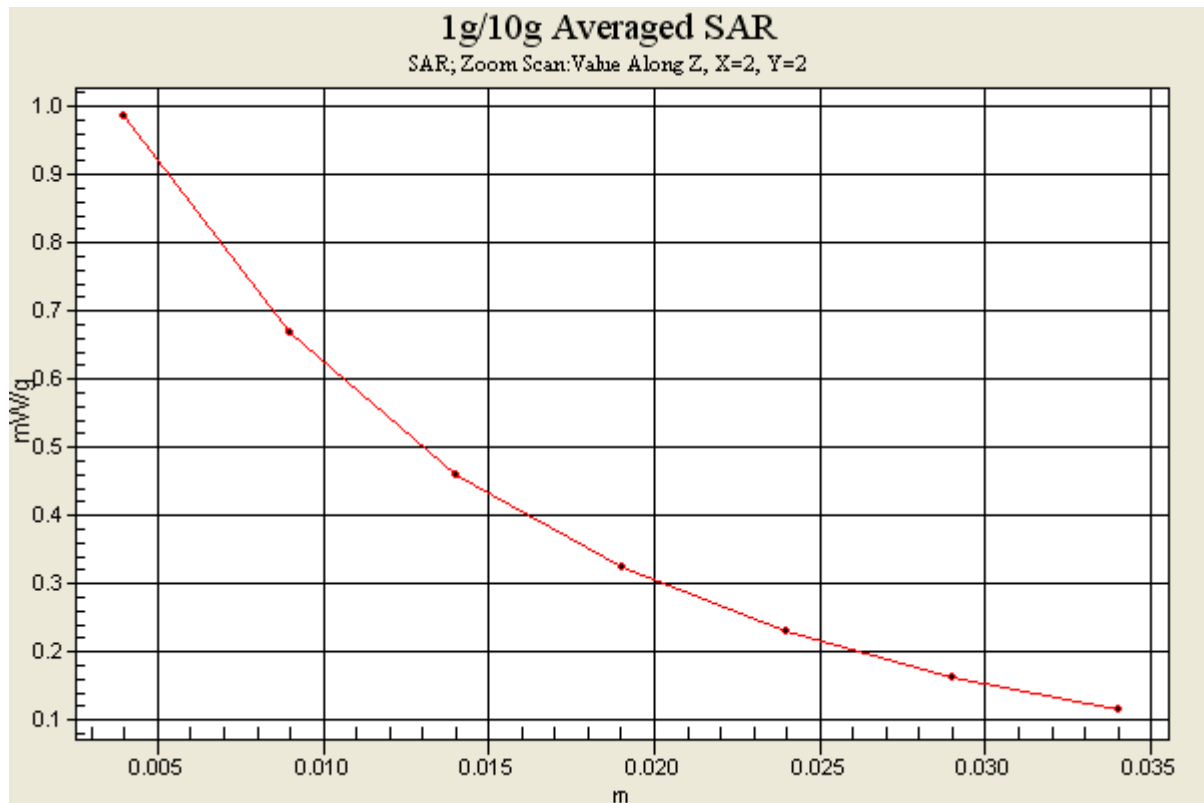
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.0 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



#13 WCDMA V_RMC12.2k_Horizontal Down_0.5cm_CH4182**DUT: 981821**

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

Medium: MSL_850_090828 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.675 mW/g

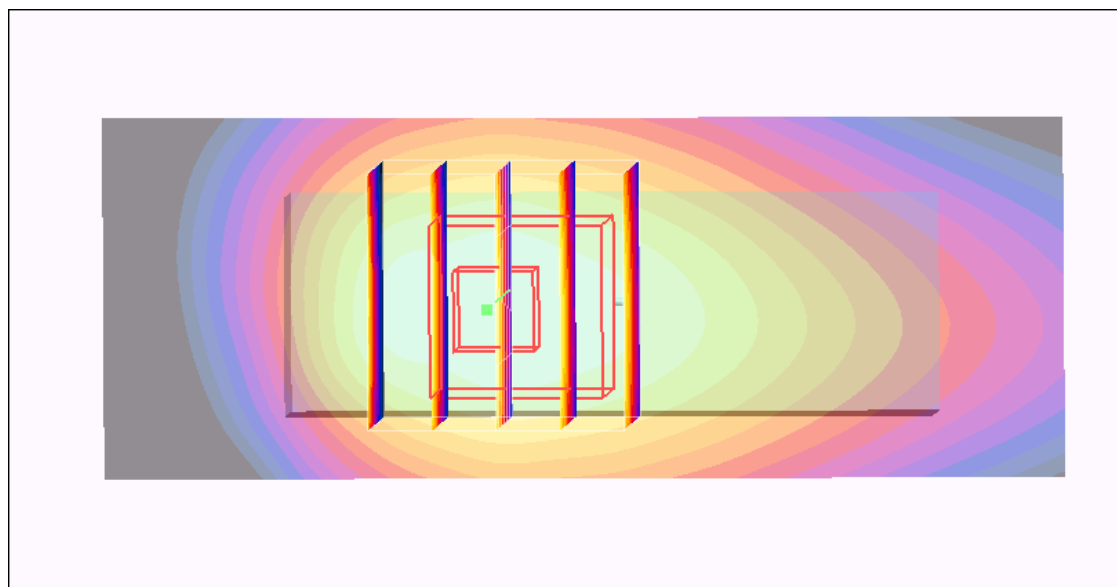
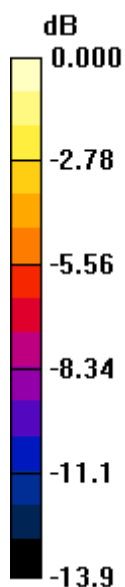
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.8 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.627mW/g

#14 WCDMA V_RMC12.2k_Vertical Front_0.5cm_CH4182**DUT: 981821**

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

Medium: MSL_850_090828 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.385 mW/g

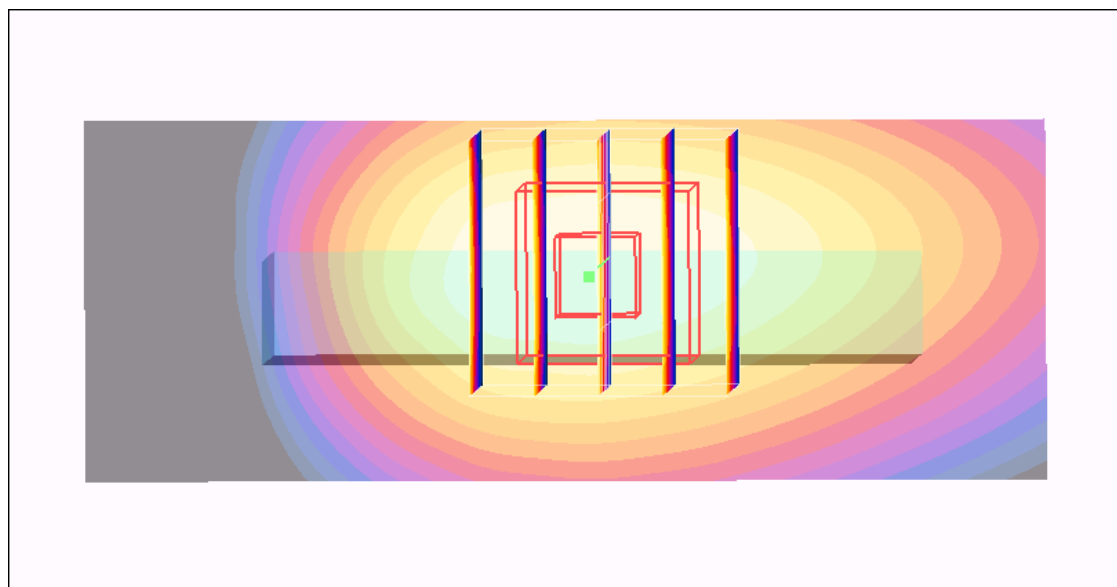
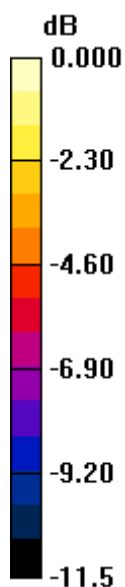
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



0 dB = 0.378mW/g

#15 WCDMA V_RMC12.2k_Vertical Back_0.5cm_CH4182**DUT: 981821**

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

Medium: MSL_850_090828 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.428 mW/g

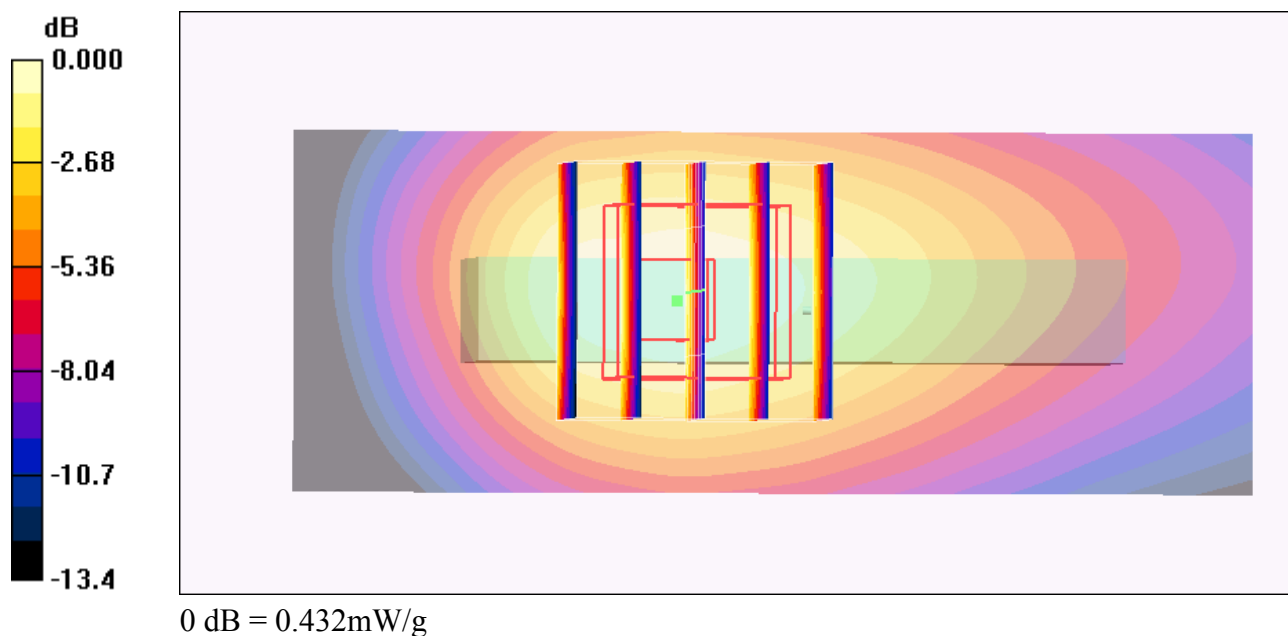
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



#29 WCDMA II_RMC12.2k_Horizontal Up_0.5cm_CH9400**DUT: 981821**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090914 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; ρ

$= 1000$ kg/m³

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

DASY4 Configuration:

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

Ch9400/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 mW/g

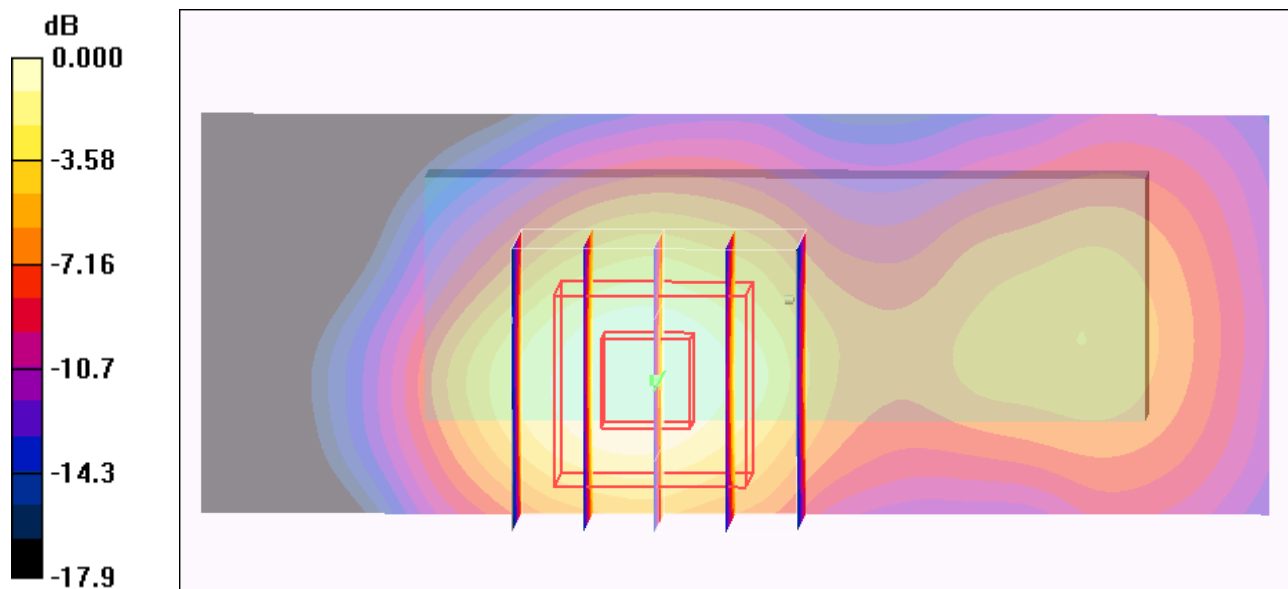
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.639 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

#29 WCDMA II_RMC12.2k_Horizontal Up_0.5cm_CH9400_2D**DUT: 981821**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090914 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

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

Ch9400/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 mW/g

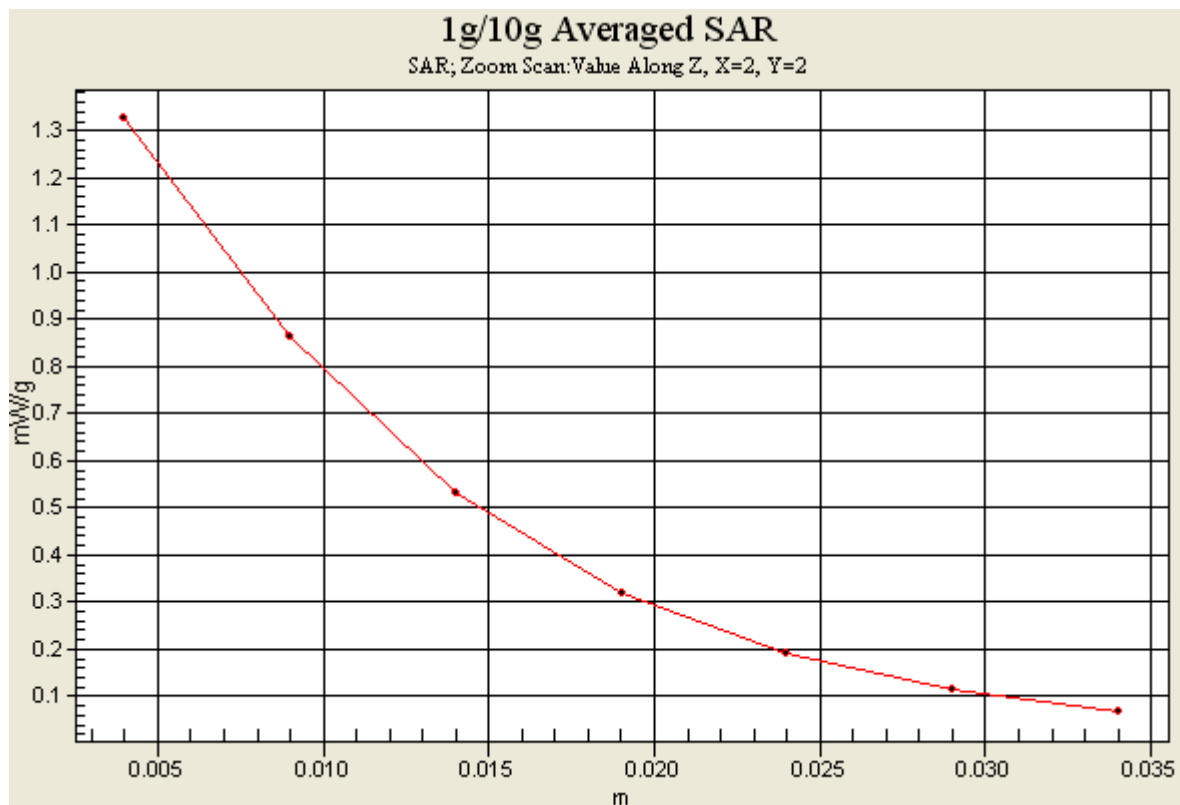
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.639 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#30 WCDMA II_RMC12.2k_Horizontal Down_0.5cm_CH9400**DUT: 981821**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090914 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

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

Ch9400/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

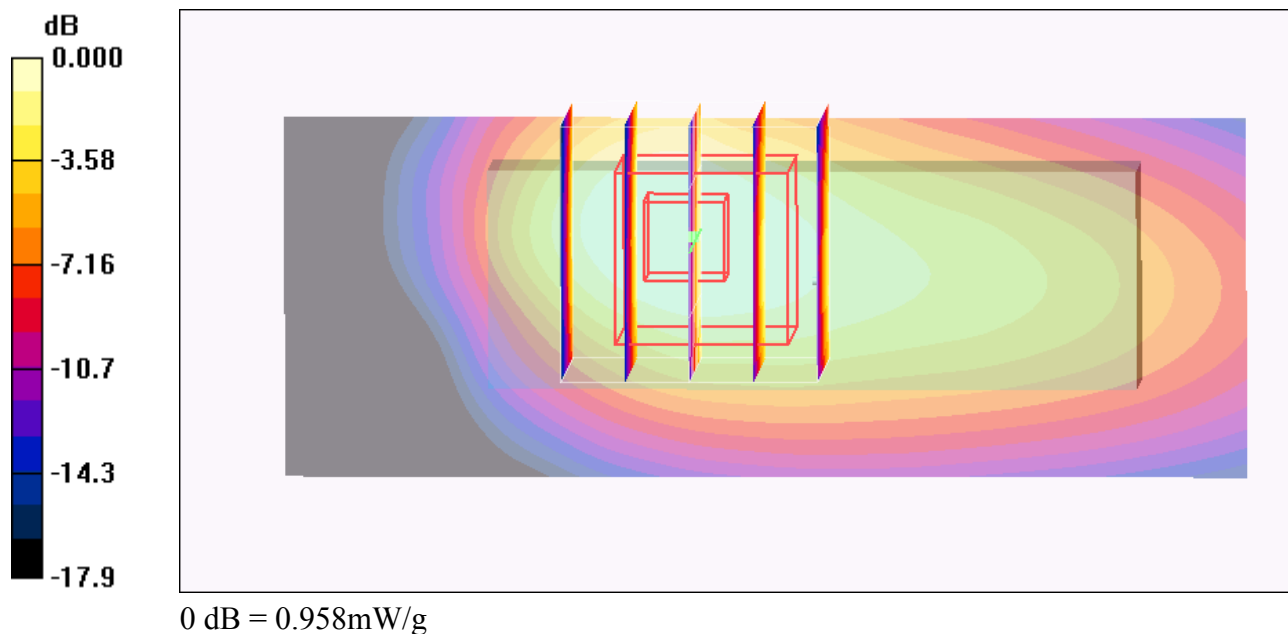
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.958 mW/g



#31 WCDMA II_RMC12.2k_Vertical Front_0.5cm_CH9400**DUT: 981821**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090914 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

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

Ch9400/Area Scan (21x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.624 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.620 mW/g

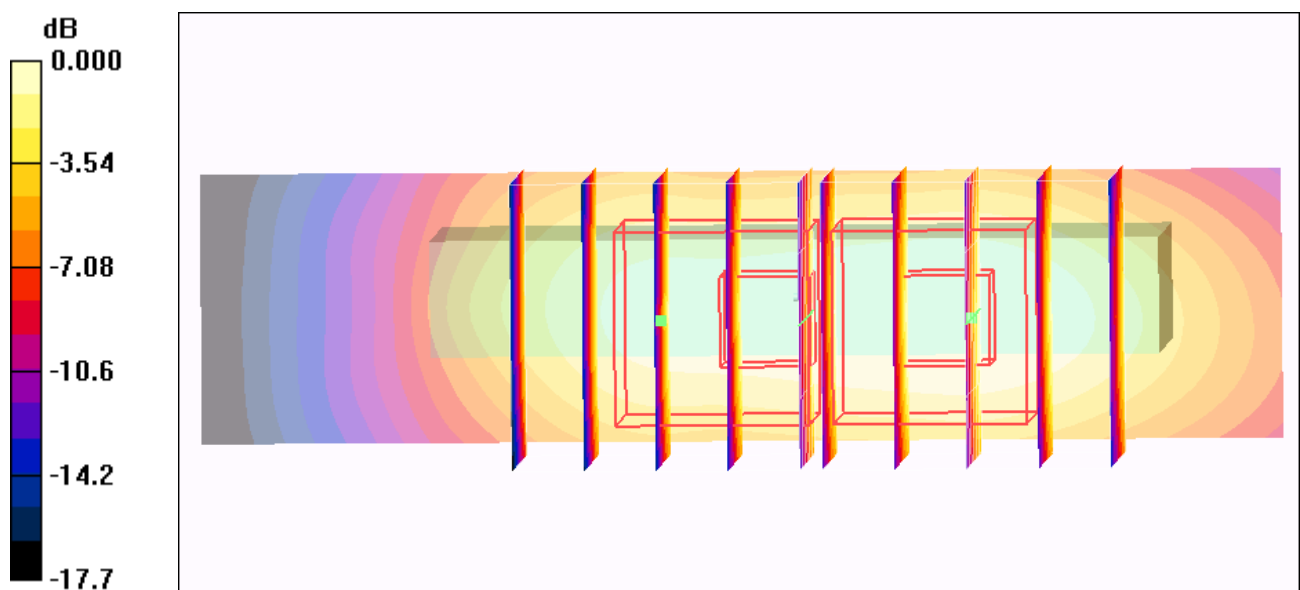
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.546mW/g

#40 WCDMA II_RMC12.2K_Verical Back_0.5cm_Ch9400**DUT: 981821**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_091020 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.4$; ρ

$= 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.588 mW/g

