

#01 GSM850_GPRS10_Bottom_0mm_Ch189

DUT: 931617-12

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_090608 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

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

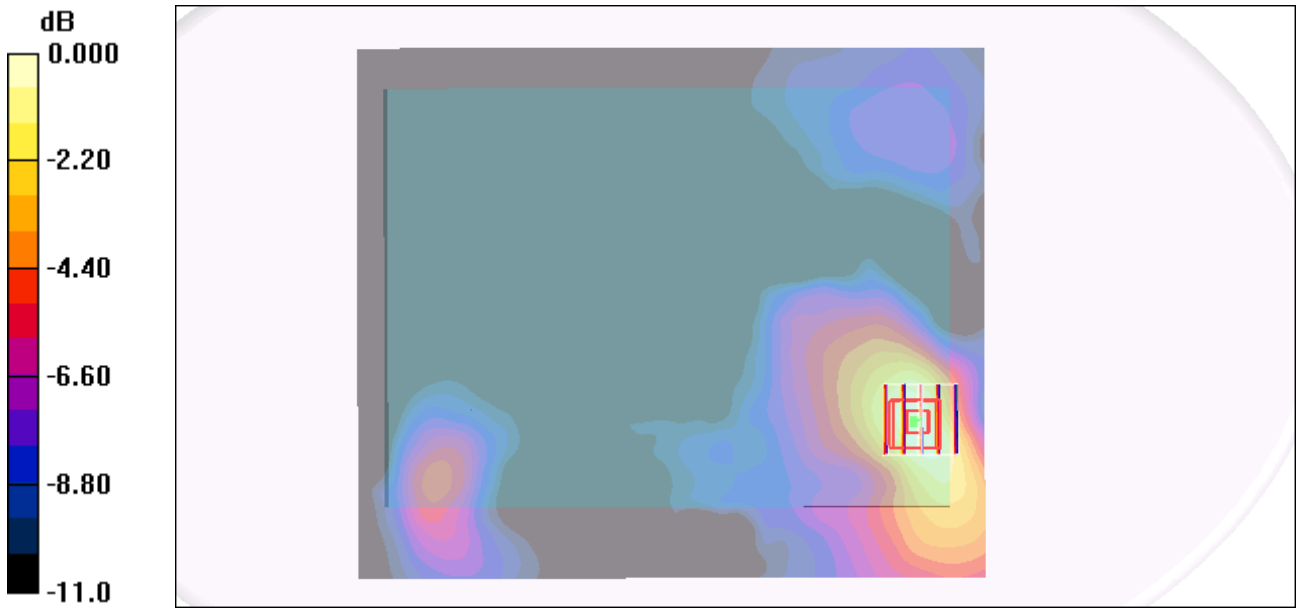
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.357 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



0 dB = 0.032mW/g

#01 GSM850_GPRS10_Bottom_0mm_Ch189_2D

DUT: 931617-12

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_090608 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

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

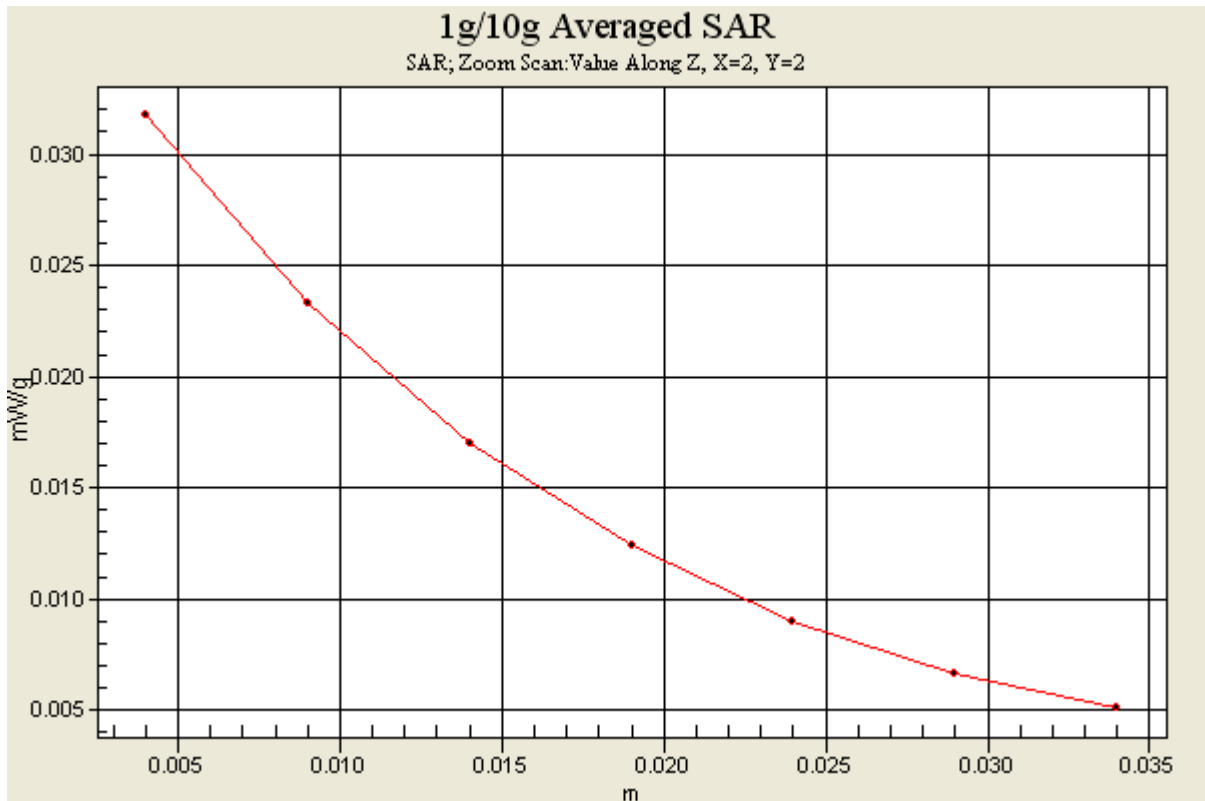
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.357 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



#11 GSM1900_GPRS10_Bottom_0mm_Ch512

DUT: 931617-12

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

Medium: MSL_1900_090608 Medium parameters used : $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000$

kg/m^3

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (71x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.017 mW/g

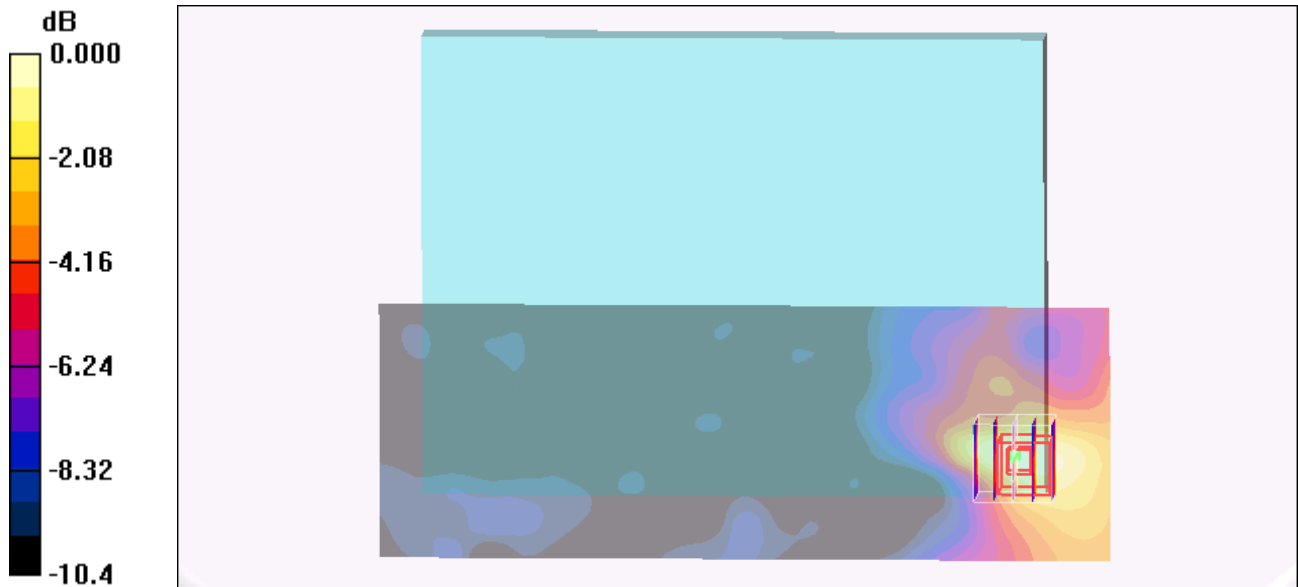
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.643 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



0 dB = 0.017mW/g

#11 GSM1900_GPRS10_Bottom_0mm_Ch512_2D

DUT: 931617-12

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

Medium: MSL_1900_090608 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (71x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.017 mW/g

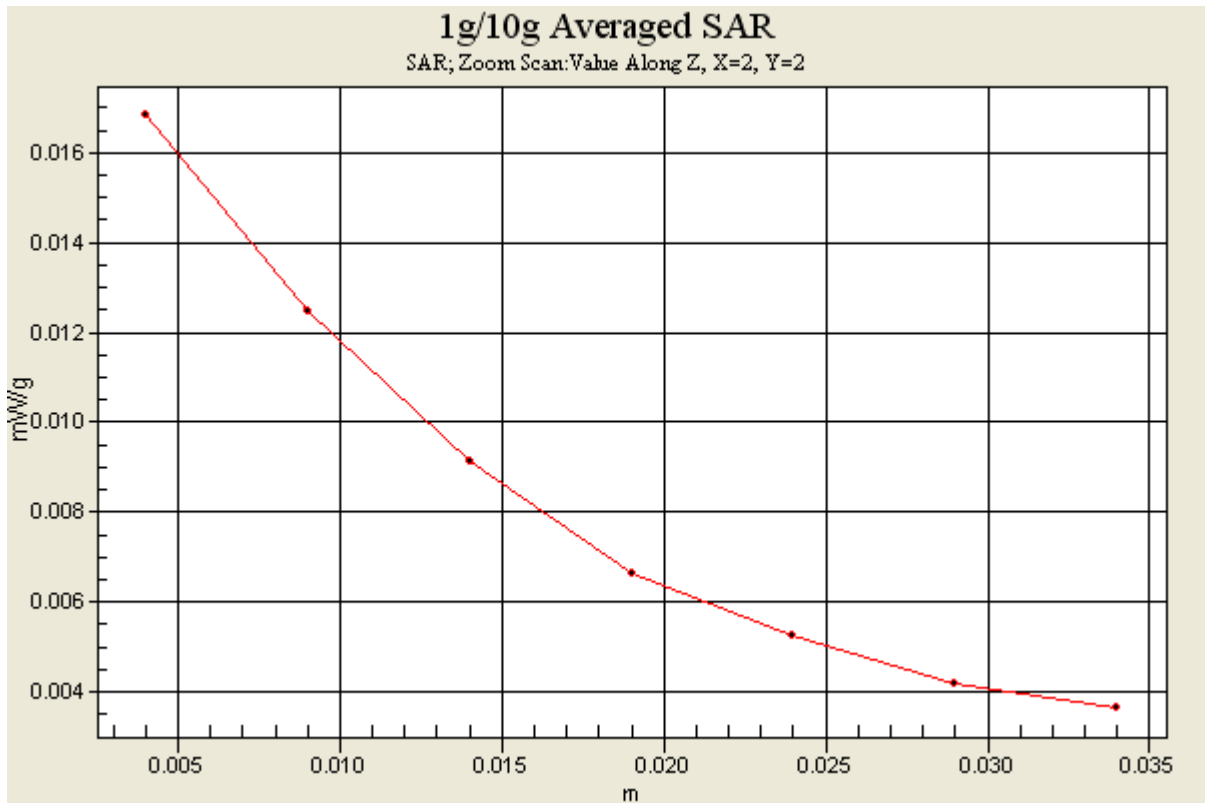
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.643 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



#04 WCDMA V_RMC12.2k_Bottom_0mm_Ch4182**DUT: 931617-12**

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

Medium: MSL_850_090608 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.031 mW/g

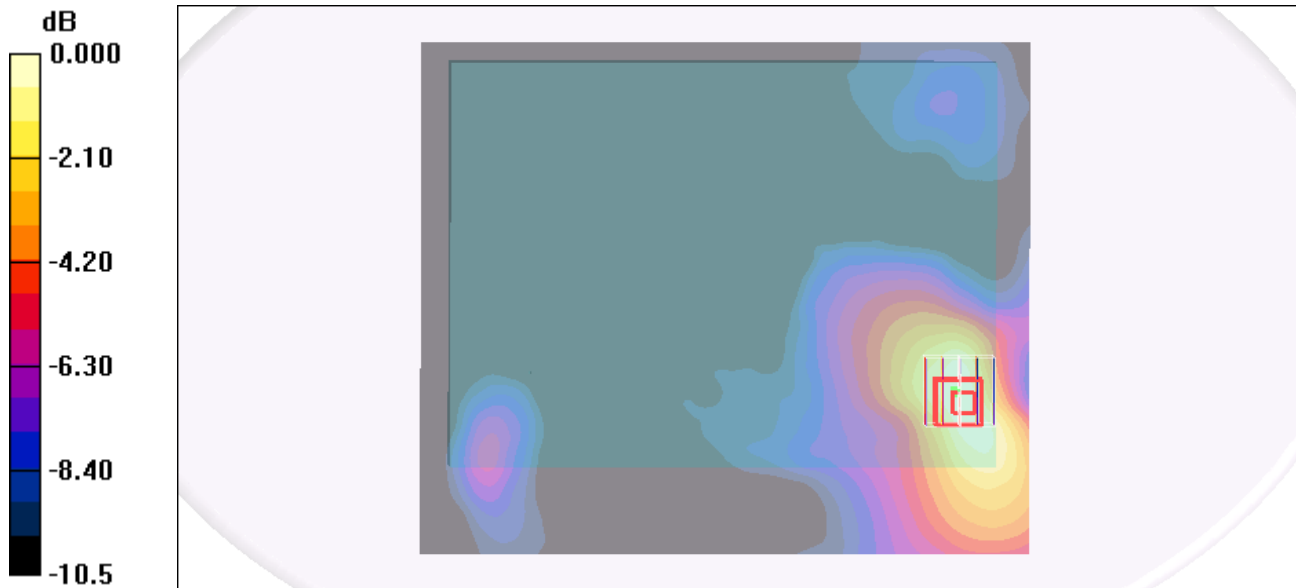
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.605 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



0 dB = 0.031mW/g

#04 WCDMA V_RMC12.2k_Bottom_0mm_Ch4182_2D

DUT: 931617-12

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

Medium: MSL_850_090608 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 ; Liquid Temperature : 21.3

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(9.41, 9.41, 9.41); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.031 mW/g

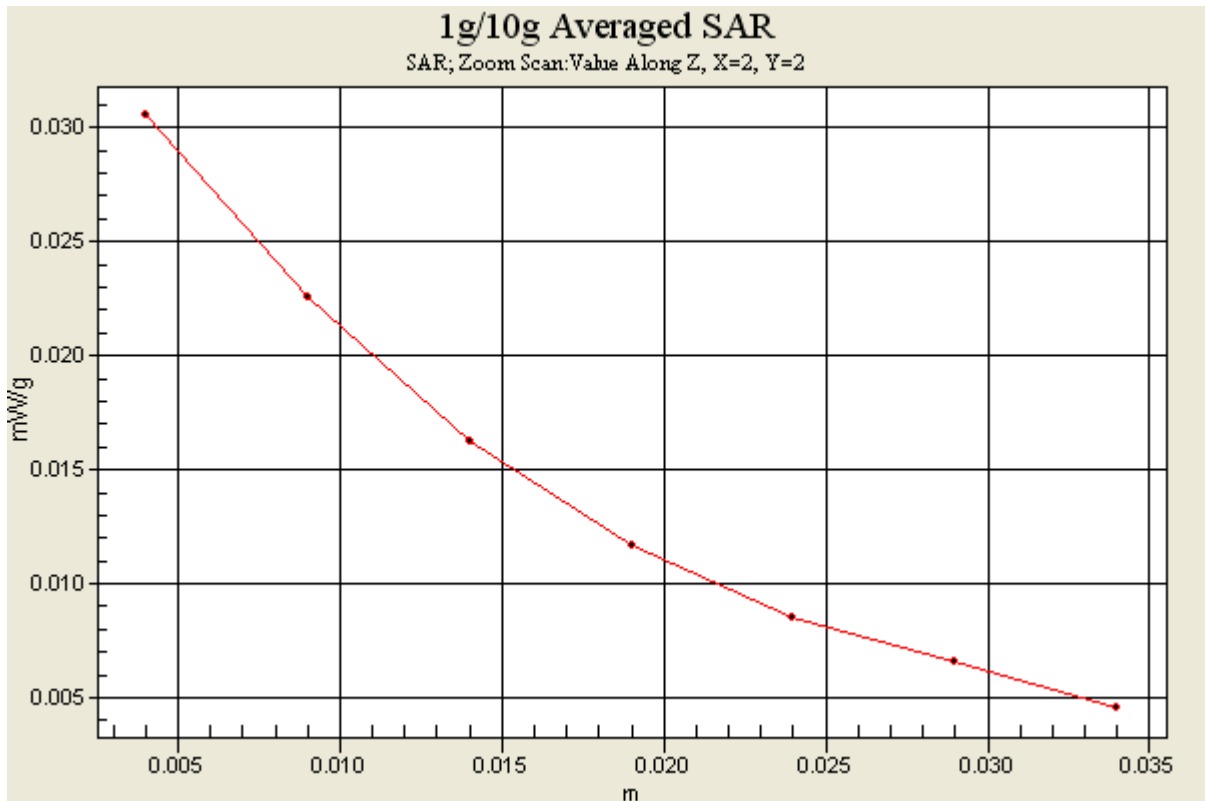
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.605 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



#07 WCDMA II_RMC12.2k_Bottom_0mm_Ch9400**DUT: 931617-12**

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

Medium: MSL_1900_090608 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

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

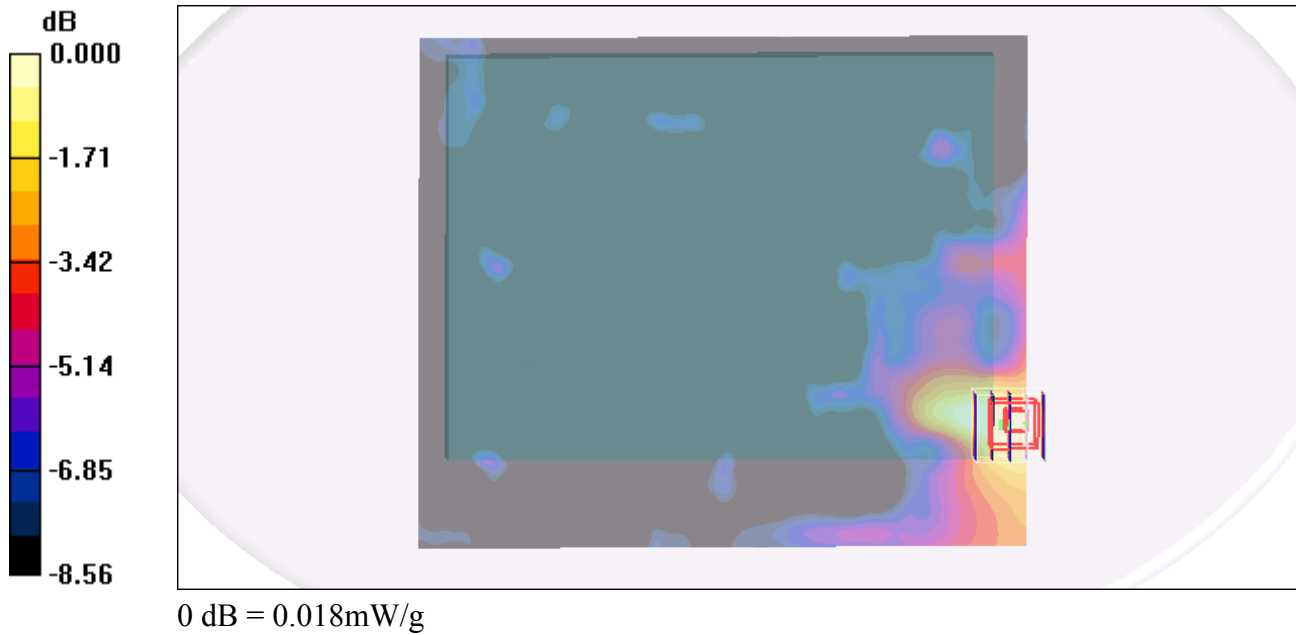
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.481 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



#07 WCDMA II_RMC12.2k_Bottom_0mm_Ch9400_2D

DUT: 931617-12

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

Medium: MSL_1900_090608 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY4 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.18, 8.18, 8.18); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- 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 (161x191x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 0.481 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

