

#06 GSM850_Right Cheek_Ch189

DUT: 082004-01

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_101102 Medium parameters used: $f = 837$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 42.7$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 mW/g

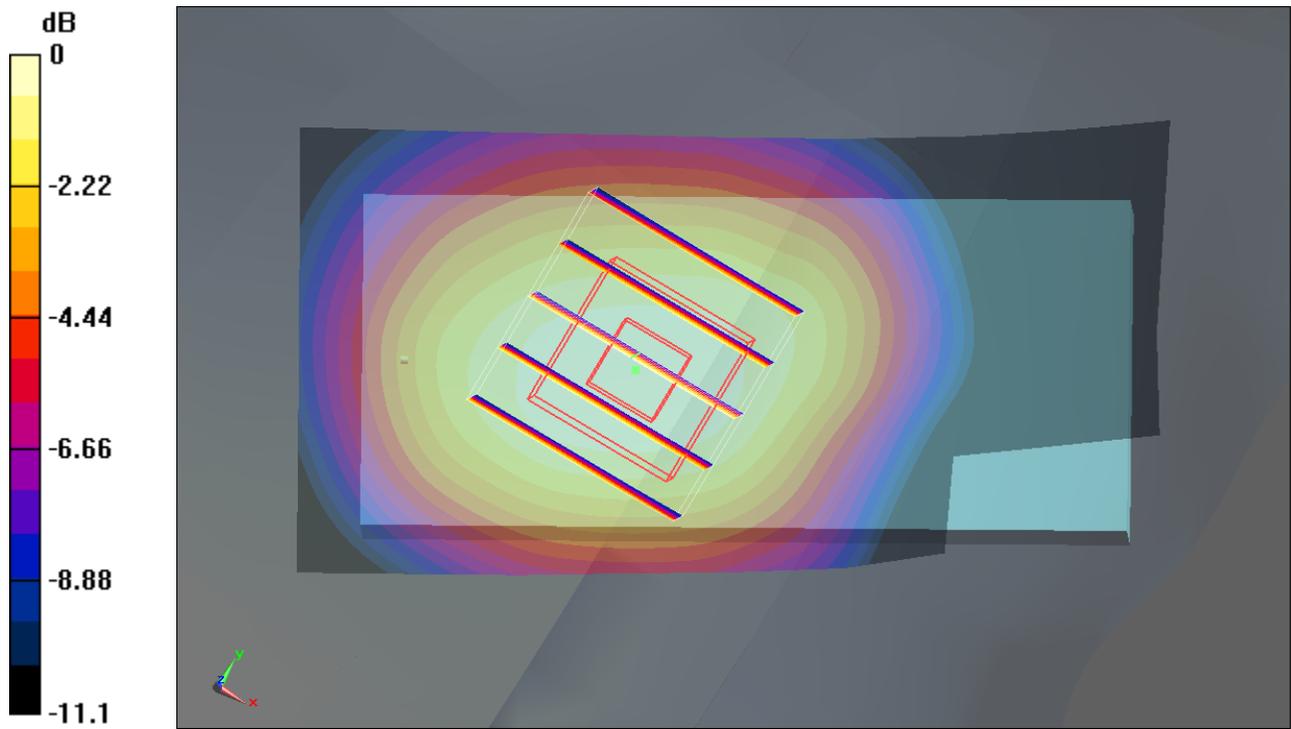
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.6 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.984 mW/g

Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.53mW/g

#06 GSM850_Right Cheek_Ch189_2D

DUT: 082004-01

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_101102 Medium parameters used: $f = 837$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 42.7$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 mW/g

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

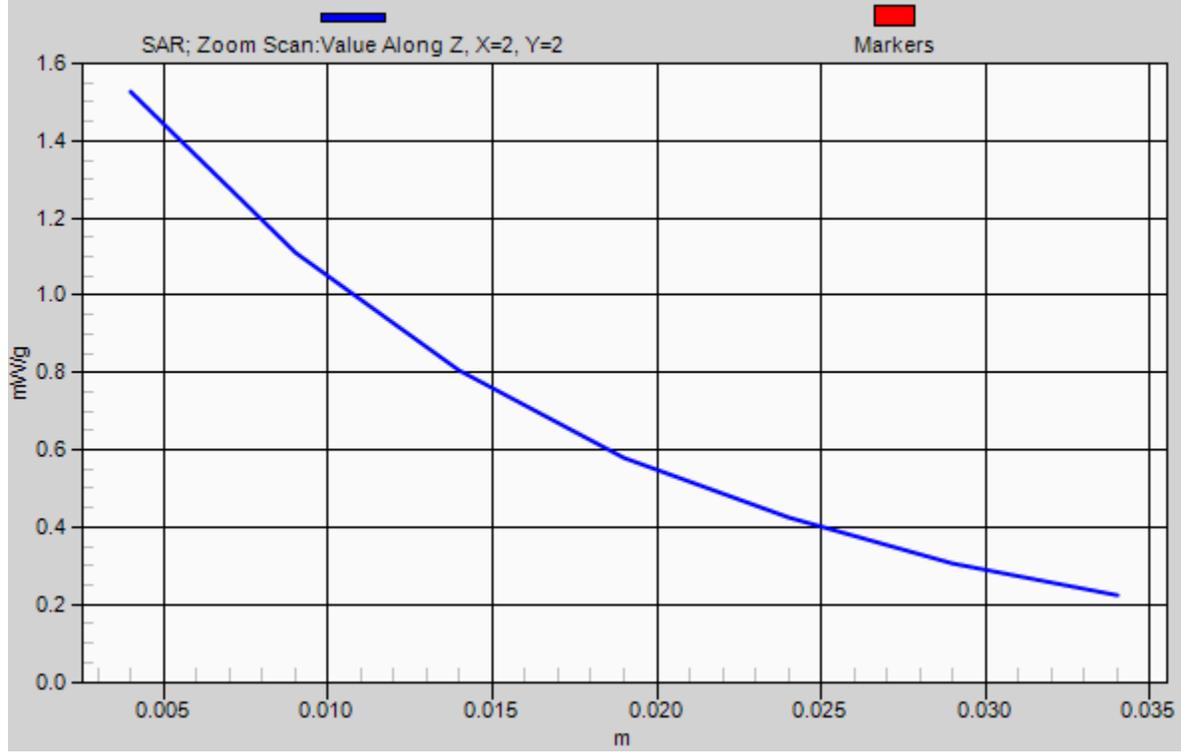
Reference Value = 28.6 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.984 mW/g

Maximum value of SAR (measured) = 1.53 mW/g

1g/10g Averaged SAR



#02 GSM1900_Left Cheek_Ch512

DUT: 082004-01

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_101027 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.906 mW/g

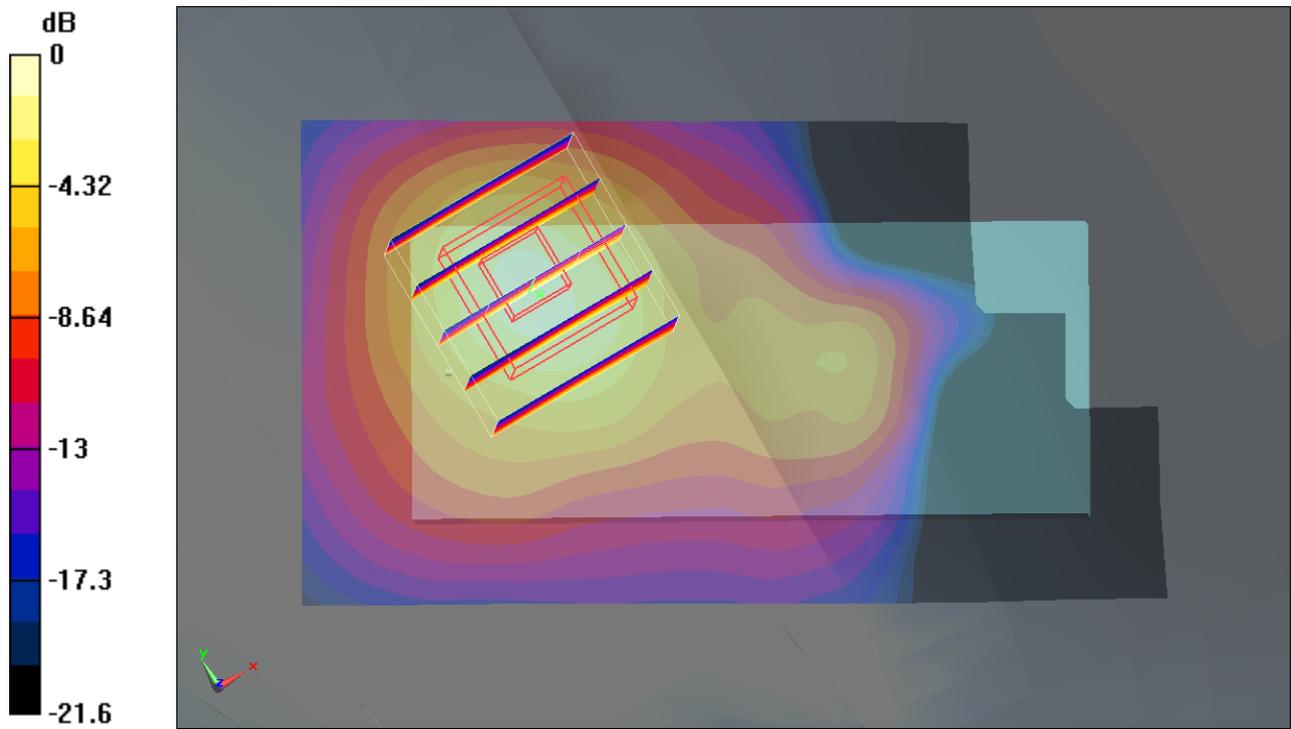
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.454 mW/g

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



0 dB = 1.09mW/g

#02 GSM1900_Left Cheek_Ch512_2D

DUT: 082004-01

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_101027 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.906 mW/g

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

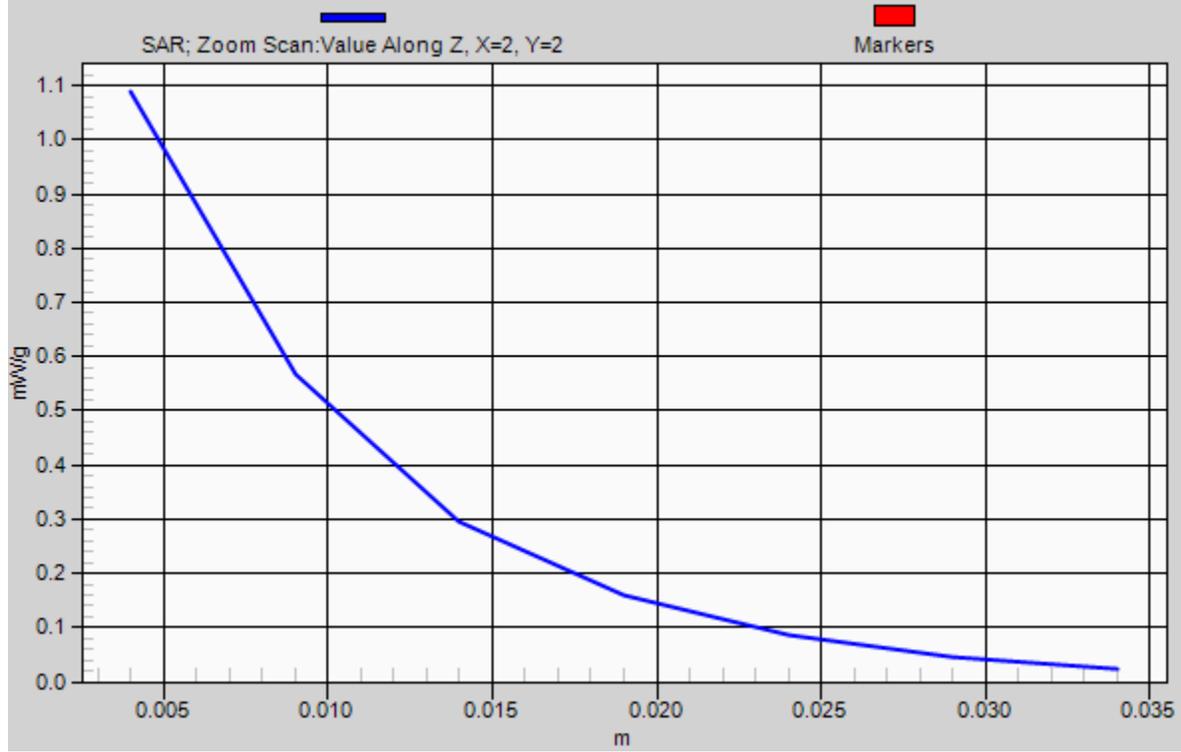
Reference Value = 11.7 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.454 mW/g

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

1g/10g Averaged SAR



#03 GSM850_GPRS12_Bottom_1.5cm_Ch251

DUT: 082004-01

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_101027 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.4$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.7 mW/g

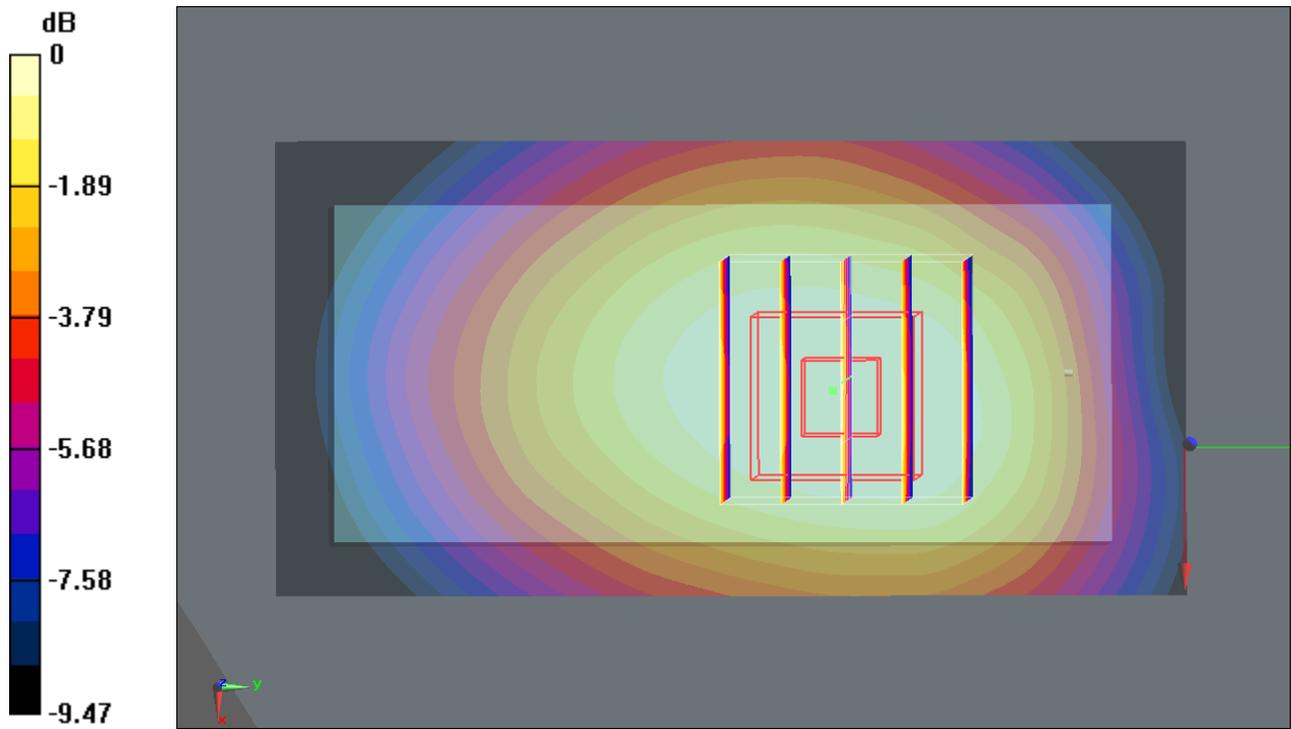
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.1 mW/g

Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g

#03 GSM850_GPRS12_Bottom_1.5cm_Ch251_2D

DUT: 082004-01

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_101027 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.4$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.7 mW/g

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

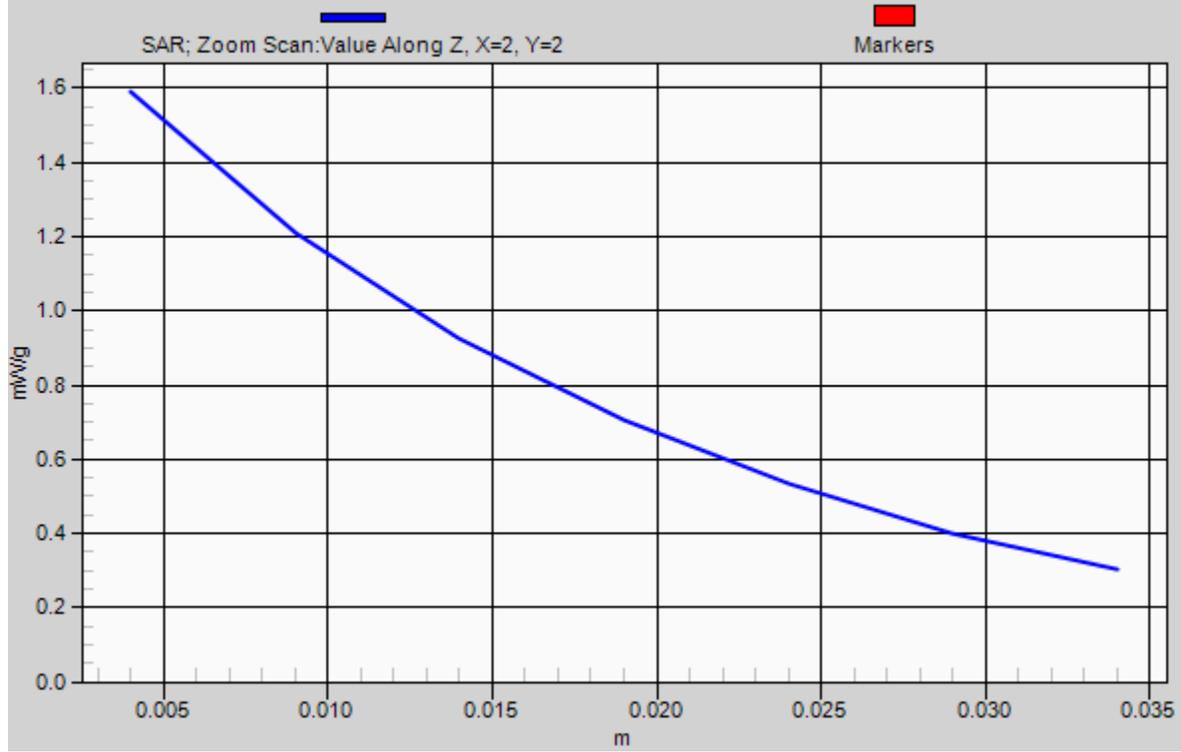
Reference Value = 21.6 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.1 mW/g

Maximum value of SAR (measured) = 1.59 mW/g

1g/10g Averaged SAR



#04 GSM1900_GPRS12_Bottom_1.5cm_Ch810

DUT: 082004-01

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_101027 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.7 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.630 mW/g

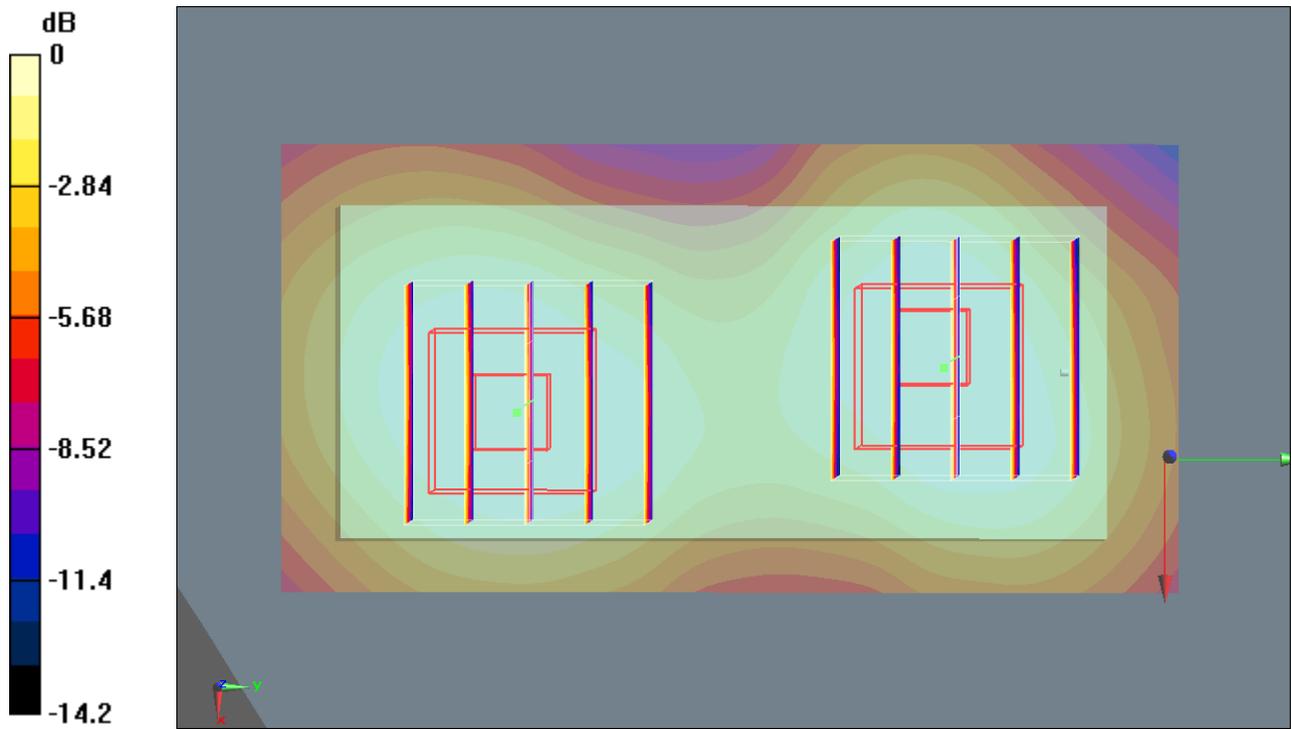
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.609 mW/g



0 dB = 0.609mW/g

#04 GSM1900_GPRS12_Bottom_1.5cm_Ch810_2D

DUT: 082004-01

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_101027 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.7 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.630 mW/g

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

Reference Value = 14.7 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.609 mW/g

1g/10g Averaged SAR

