

#02 GSM850_Right Cheek_Ch128_31key_Scaner2

DUT: 903036-03

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110825 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.211 mW/g

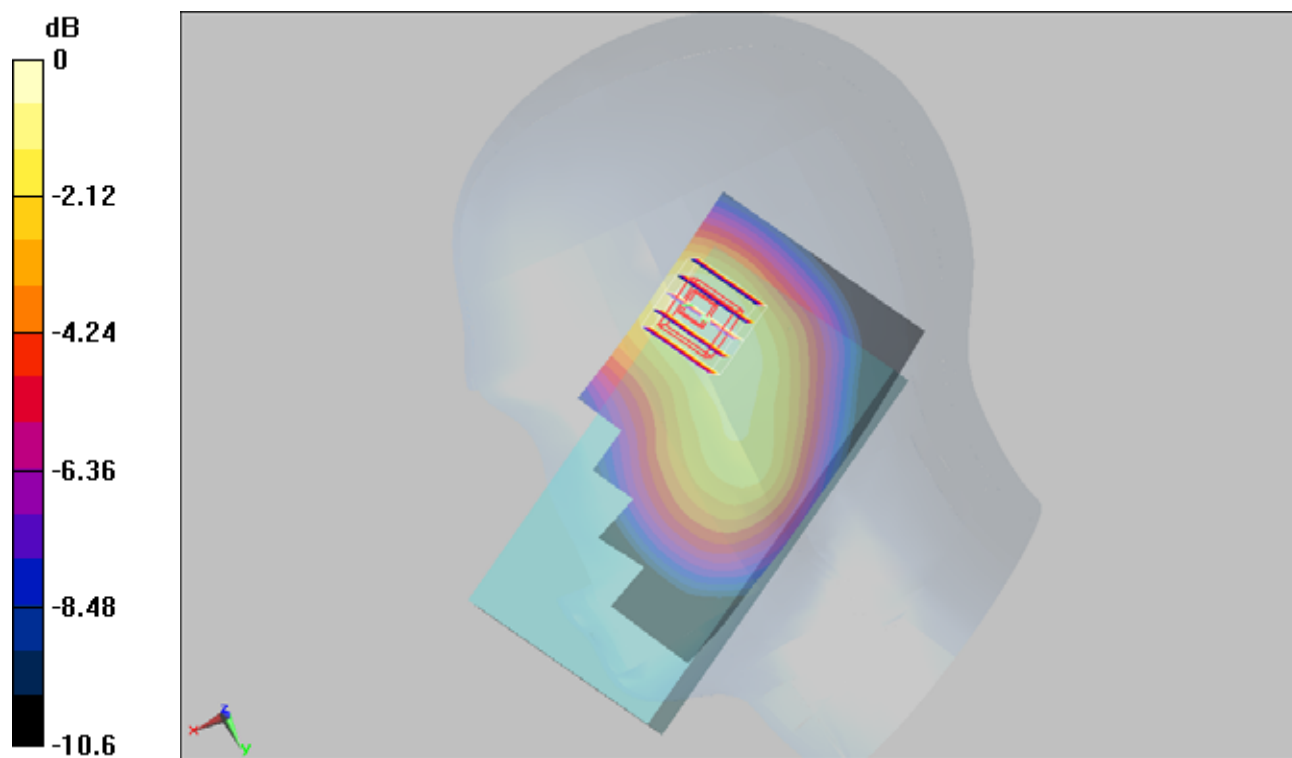
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

#02 GSM850_Right Cheek_Ch128_31key_Scaner2_2D

DUT: 903036-03

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110825 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.885 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.211 mW/g

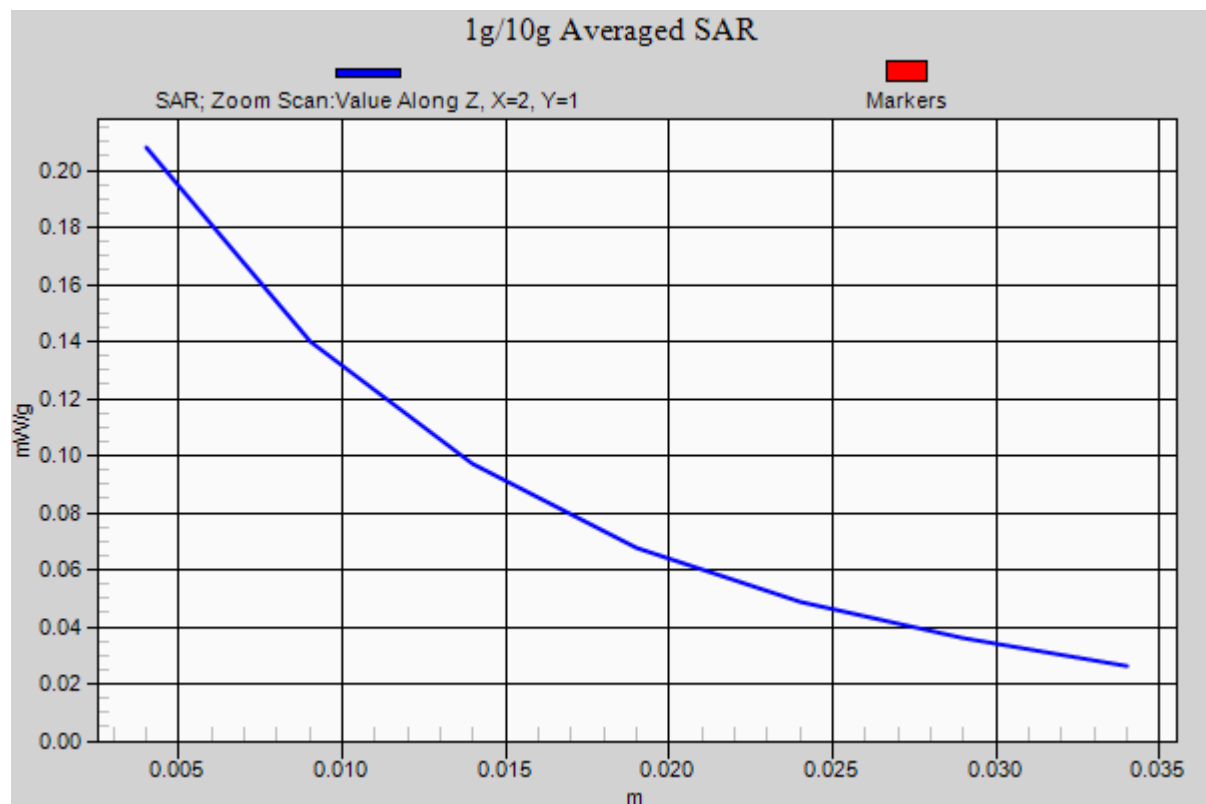
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



#04 GSM1900_Right Cheek_Ch512_45key_Scaner1

DUT: 903036-03

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110825 Medium parameters used : $f = 1850.2 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 5.18 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.088 mW/g

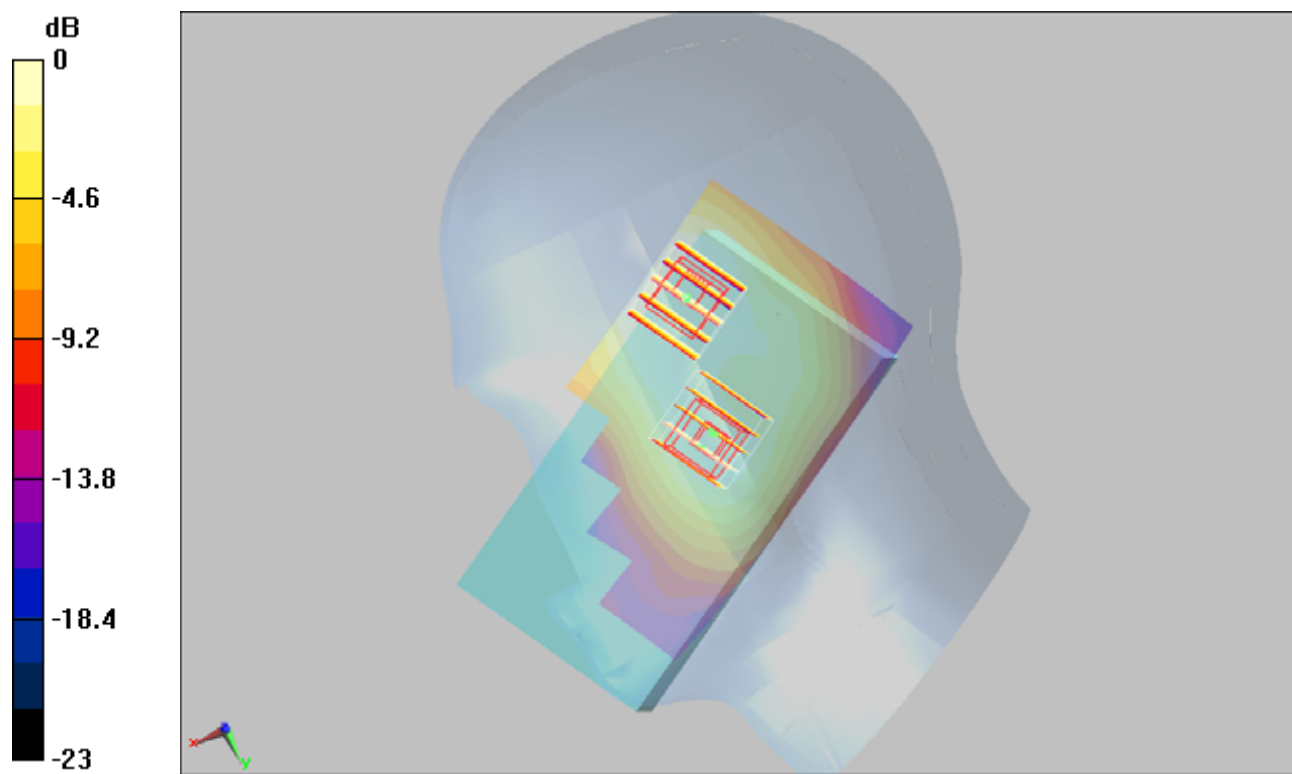
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.18 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.060 mW/g



0 dB = 0.060mW/g

#04 GSM1900_Right Cheek_Ch512_45key_Scaner1_2D

DUT: 903036-03

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110825 Medium parameters used : $f = 1850.2 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 5.18 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.088 mW/g

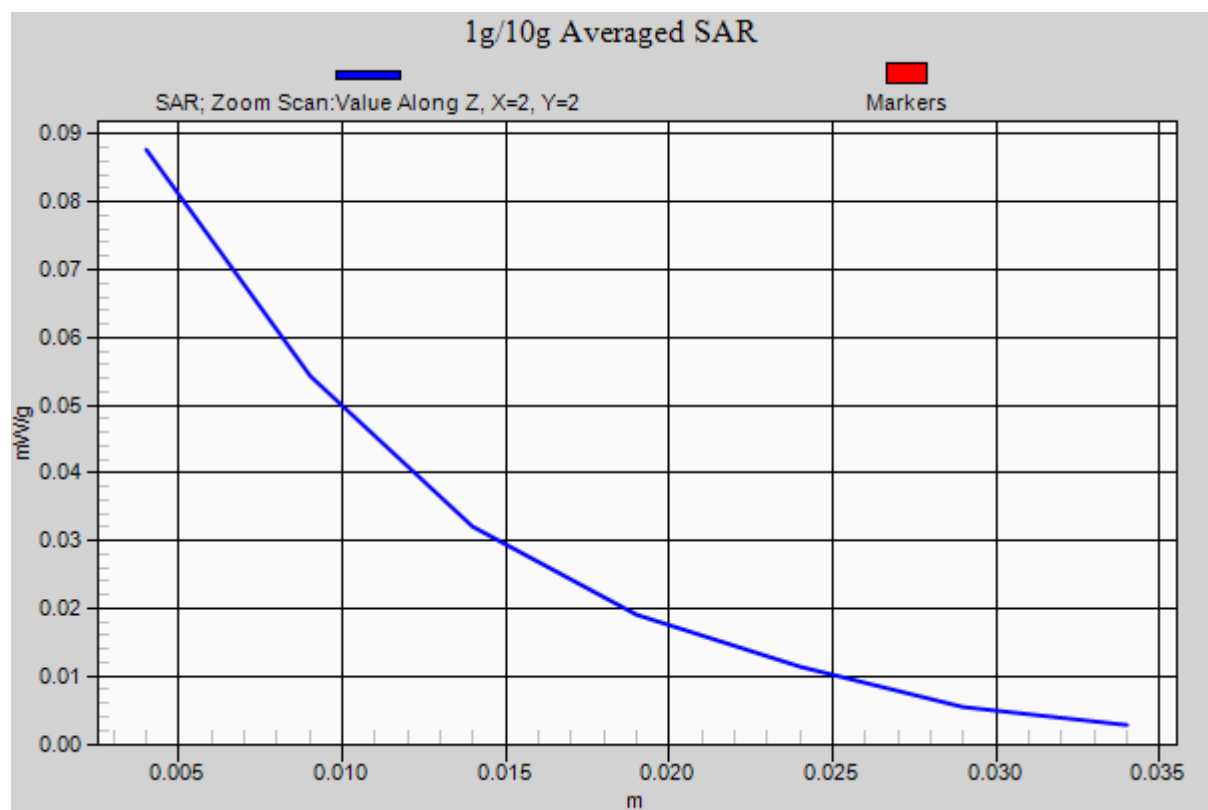
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.18 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.060 mW/g



#03 WCDMA V_Right Cheek_Ch4233_31key_Scaner2

DUT: 903036-03

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110825 Medium parameters used: $f = 847$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.203 mW/g

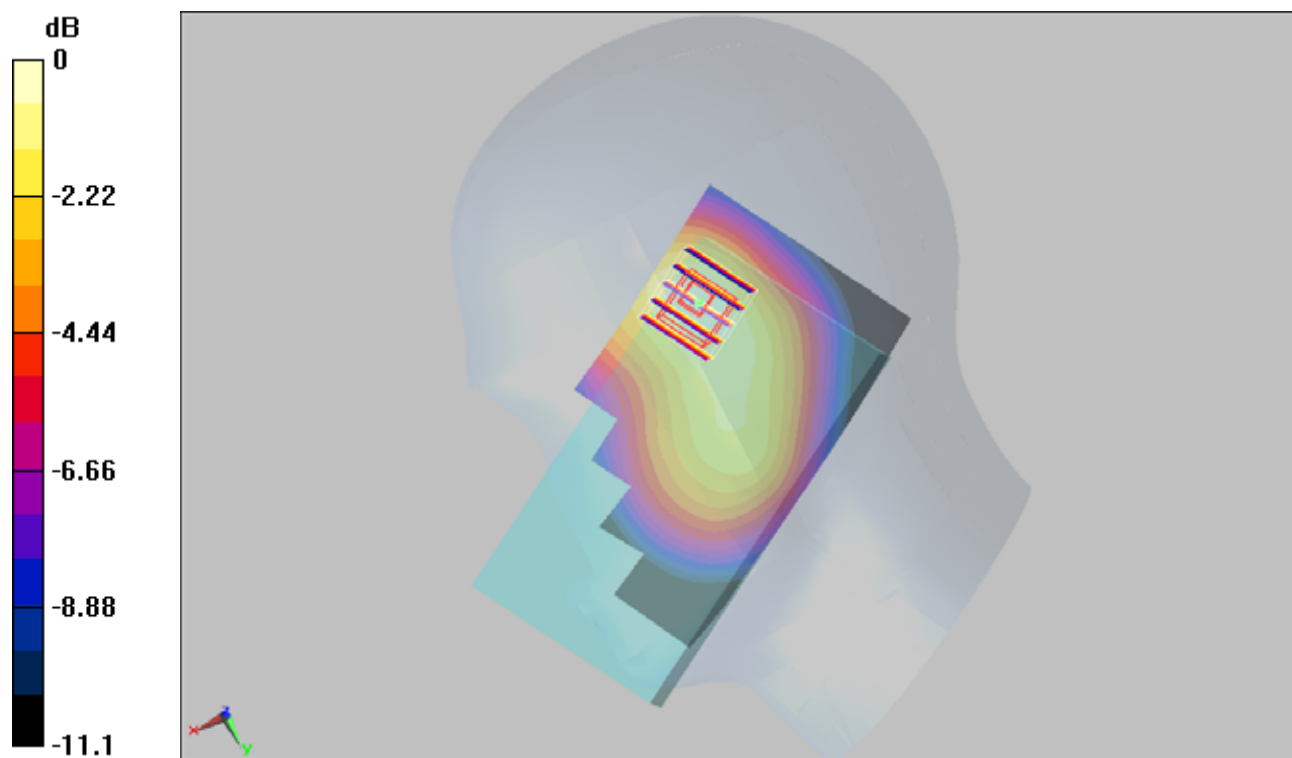
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

#03 WCDMA V_Right Cheek_Ch4233_31key_Scaner2_2D

DUT: 903036-03

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110825 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.203 mW/g

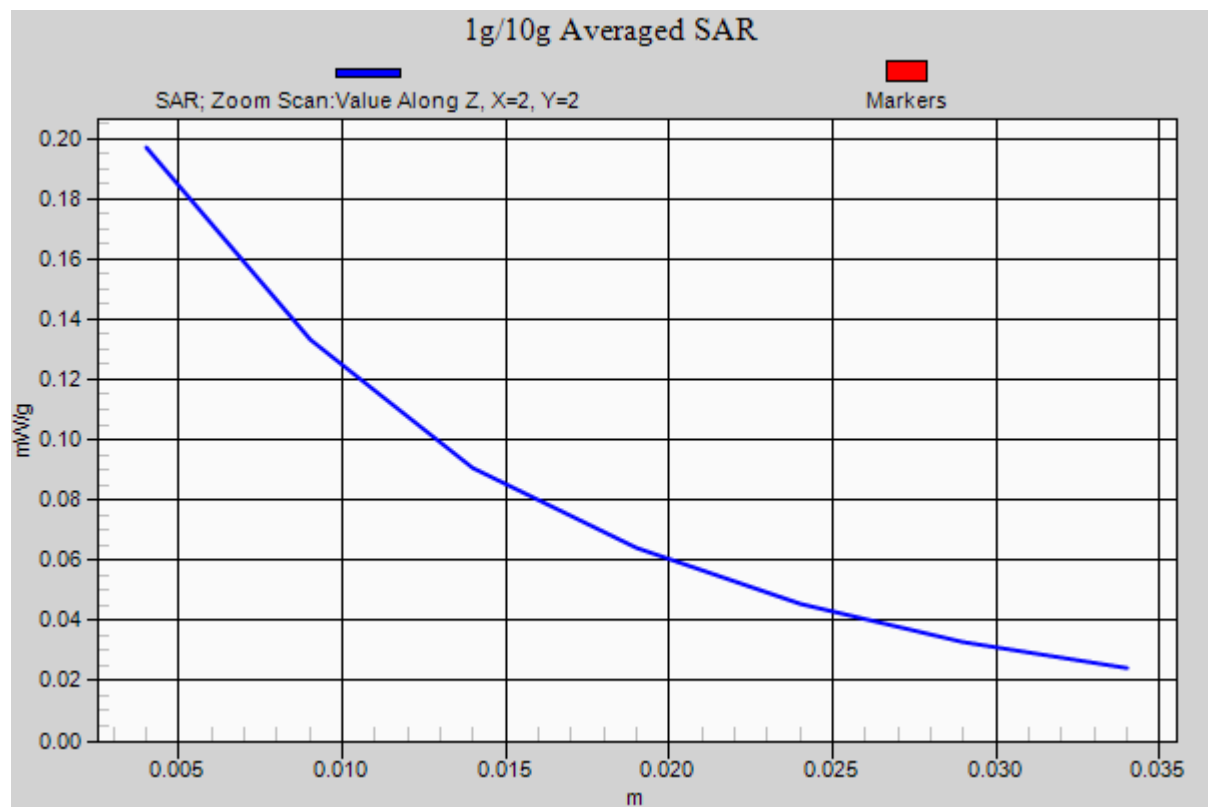
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.9 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



#05 WCDMA II_Right Cheek_Ch9400_31key_Scaner2

DUT: 903036-03

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

Medium: HSL_1900_110825 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.162 mW/g

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

Reference Value = 6.72 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.154 mW/g

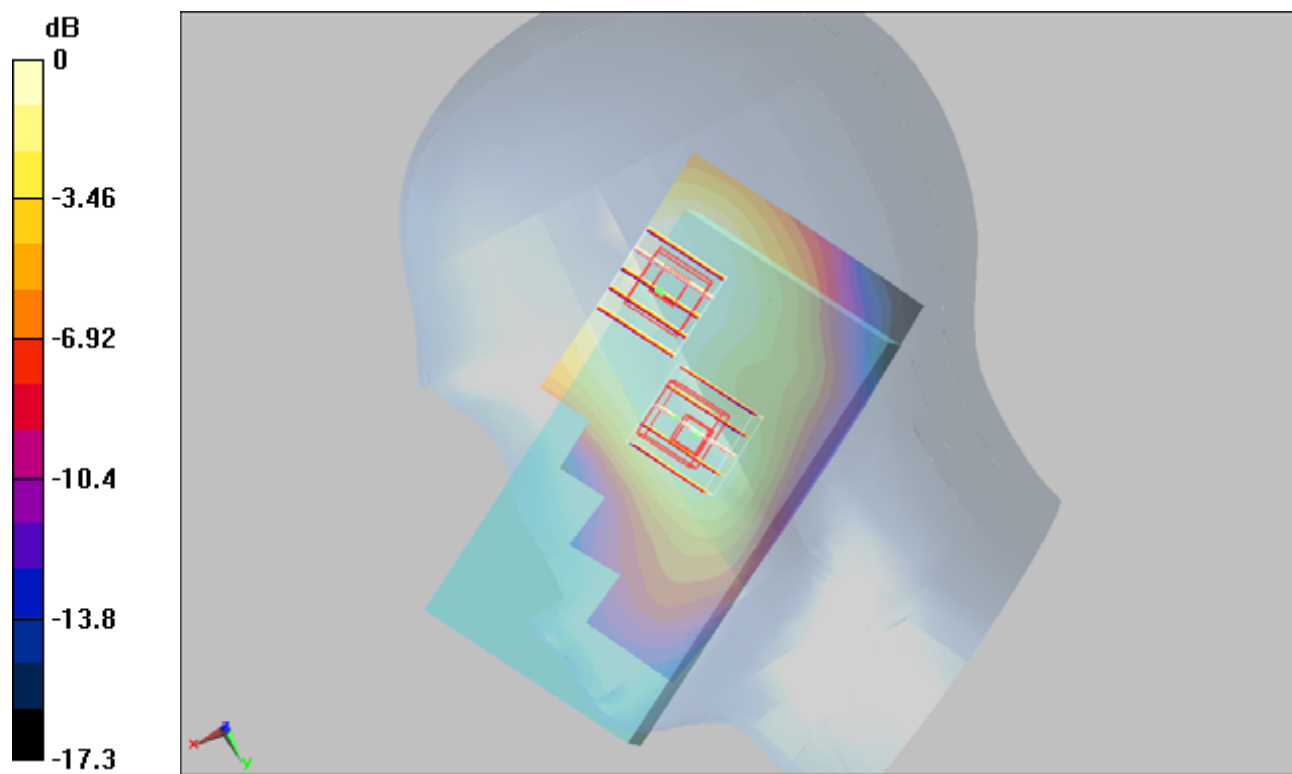
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.72 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.068 mW/g

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



0 dB = 0.111mW/g

#05 WCDMA II_Right Cheek_Ch9400_31key_Scaner2_2D

DUT: 903036-03

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

Medium: HSL_1900_110825 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.162 mW/g

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

Reference Value = 6.72 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.154 mW/g

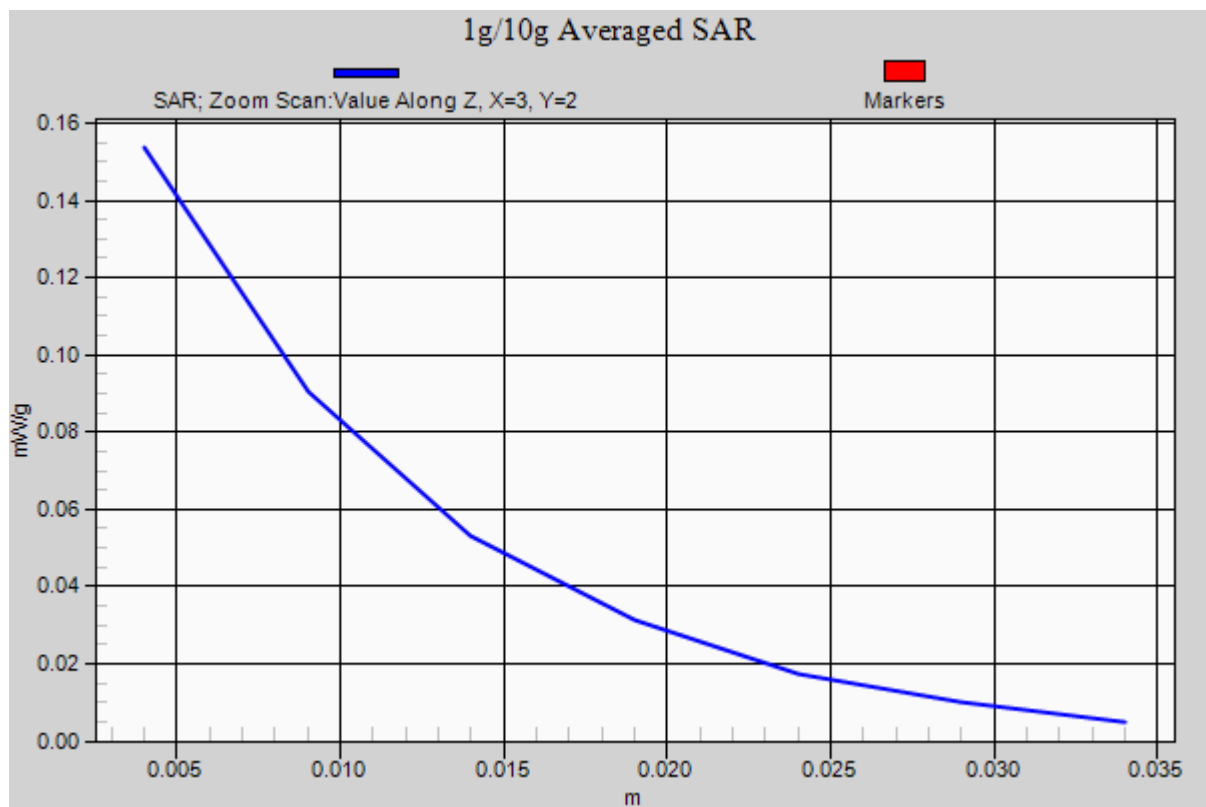
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.72 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.068 mW/g

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



#01 GSM850_GPRS10_Back_1.5cm_Ch128_31key_Scaner2

DUT: 903036-03

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110825 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.953 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.148 mW/g

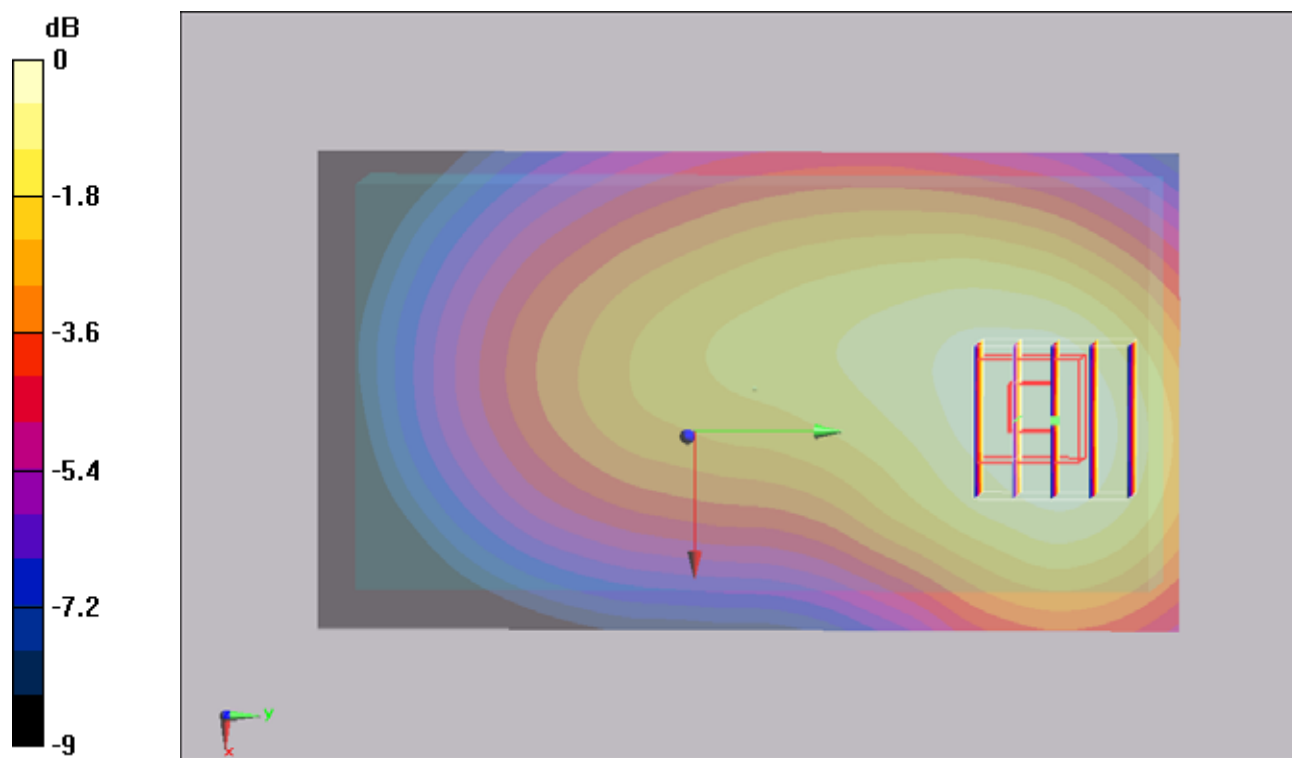
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.103 mW/g

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



0 dB = 0.147mW/g

#01 GSM850_GPRS10_Back_1.5cm_Ch128_31key_Scaner2_2D

DUT: 903036-03

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110825 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.953 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.148 mW/g

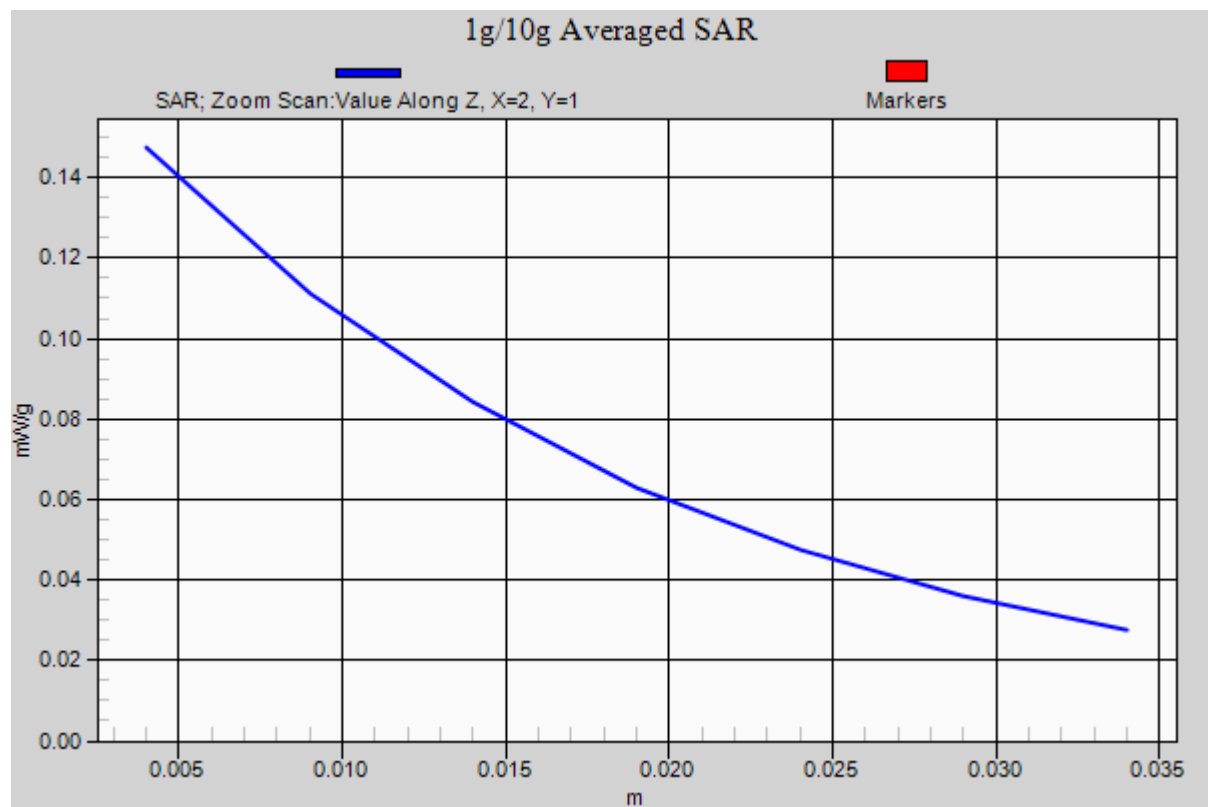
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.103 mW/g

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



#07 GSM1900_GPRS10_Back_1.5cm_Ch661_31key_Scaner2

DUT:903036-03

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

Medium: MSL_1900_110825 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.173 mW/g

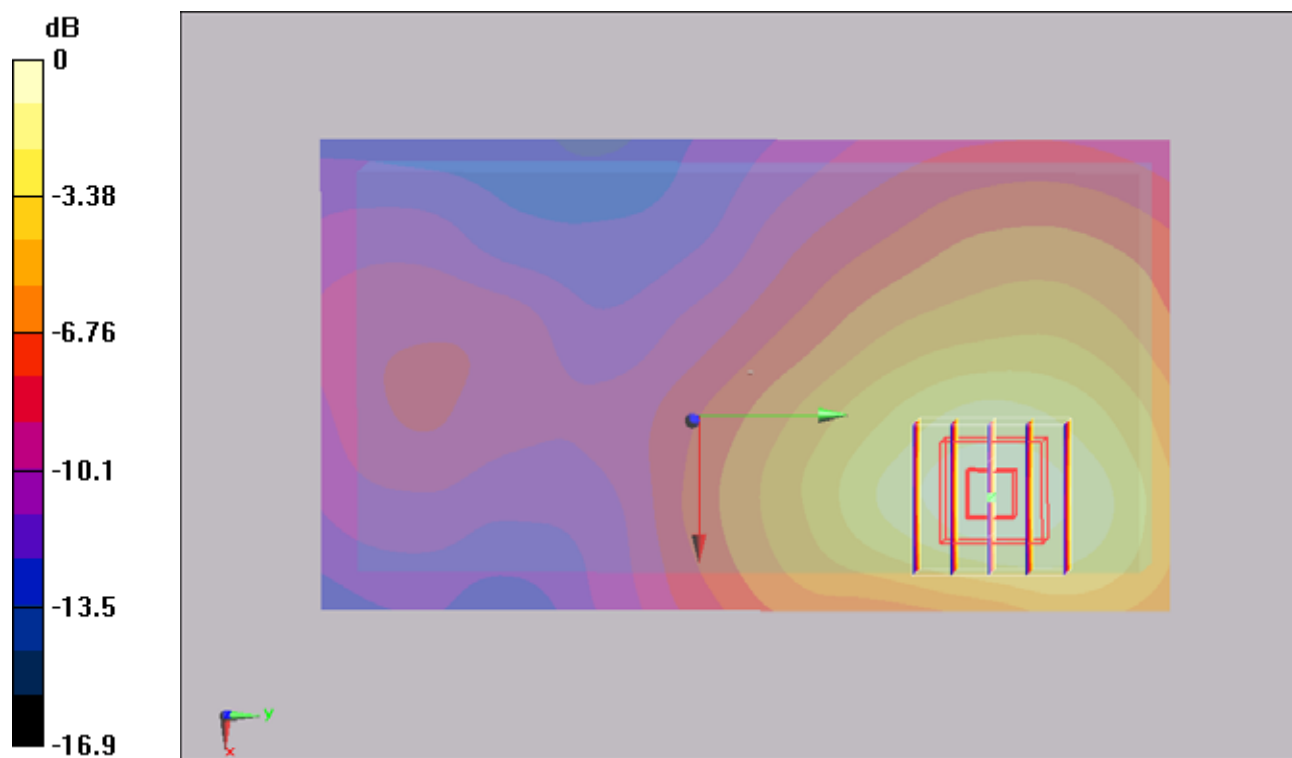
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.51 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.176mW/g

#07 GSM1900_GPRS10_Back_1.5cm_Ch661_31key_Scaner2_2D

DUT: 903036-03

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

Medium: MSL_1900_110825 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.173 mW/g

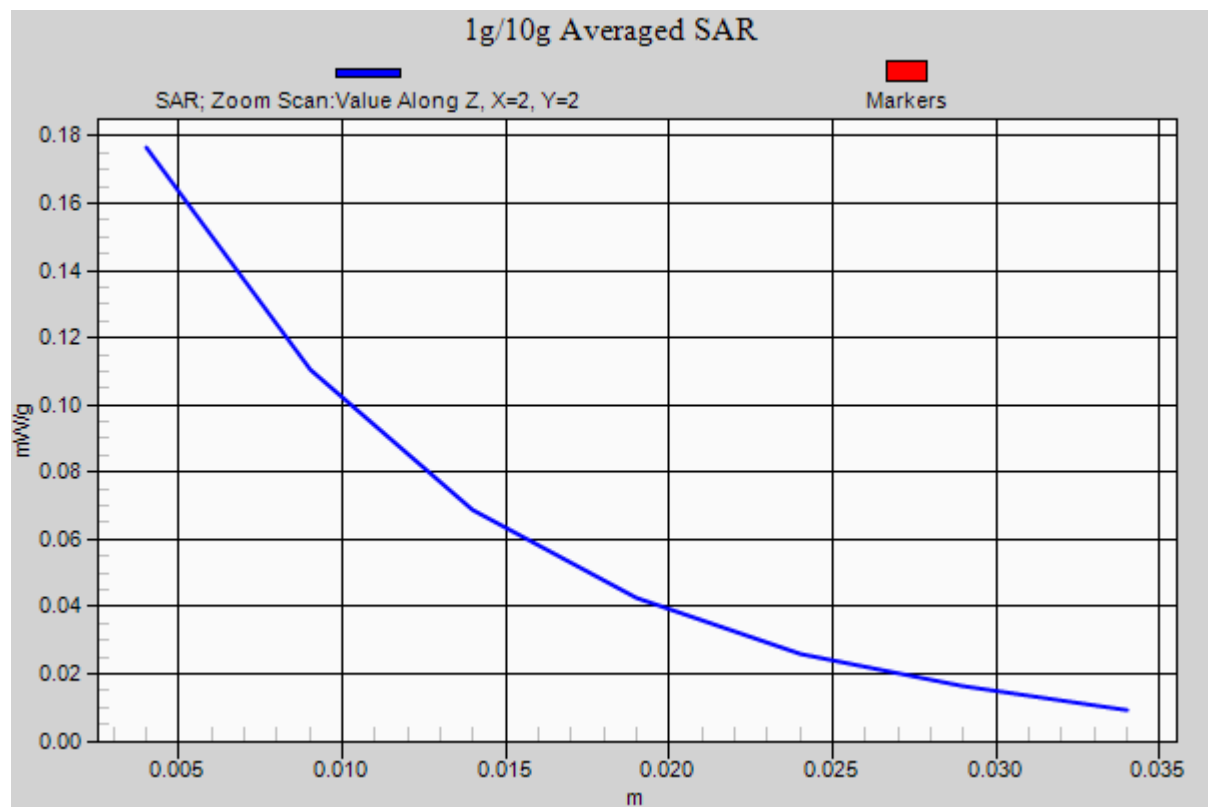
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.51 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.176 mW/g



#06 WCDMA V_RMC12.2K_Back_1.5cm_Ch4233_31key_Scaner2

DUT: 903036-03

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110825 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.974 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.154 mW/g

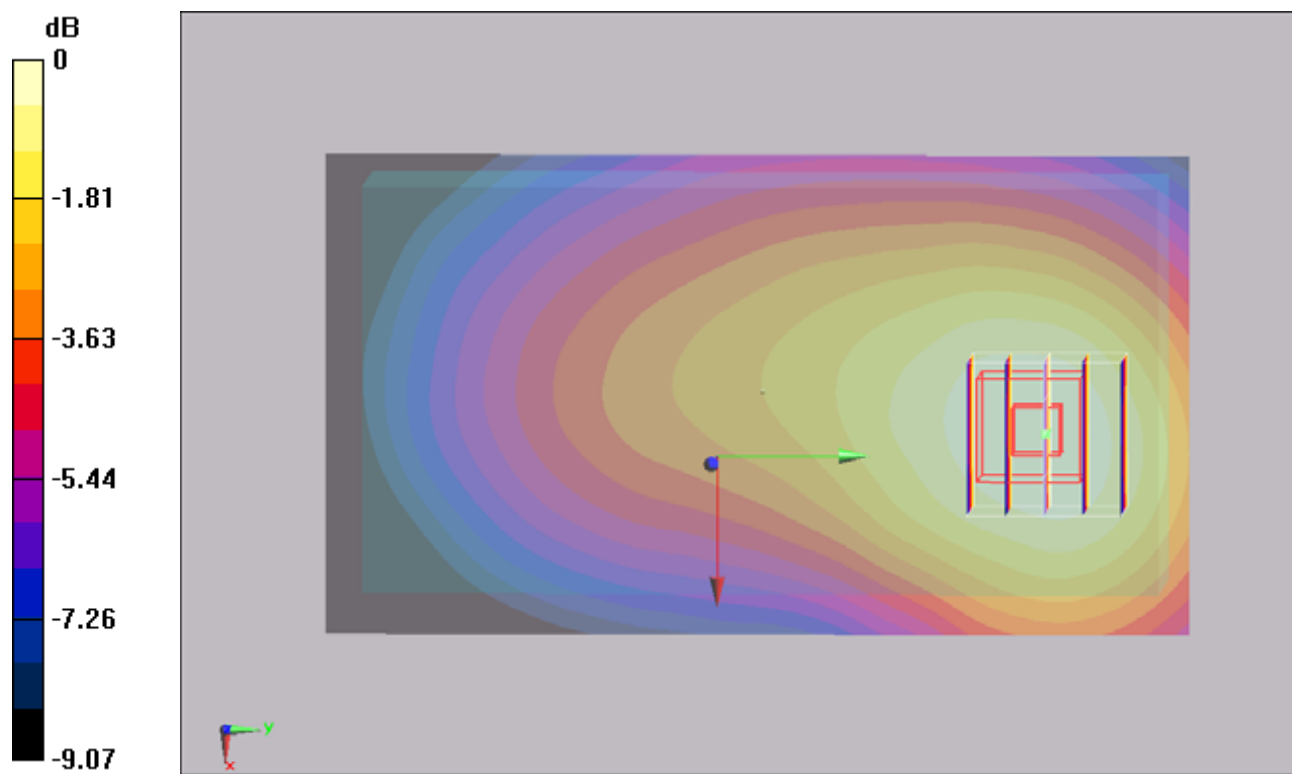
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.52 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



#06 WCDMA V_RMC12.2K_Back_1.5cm_Ch4233_31key_Scaner2_2D

DUT: 903036-03

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110825 Medium parameters used: $f = 847$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.154 mW/g

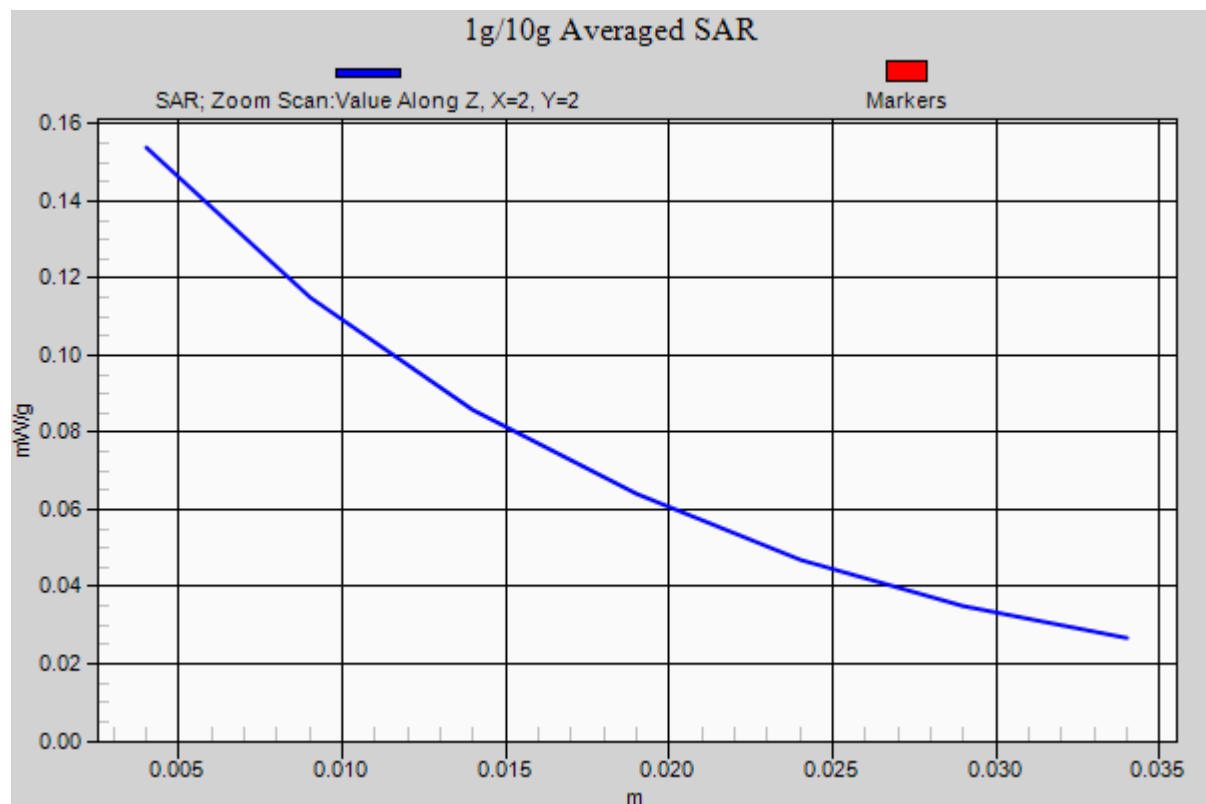
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



#08 WCDMA II_RMC12.2K_Back_1.5cm_Ch9538_31key_Scaner2

DUT: 903036-03

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110825 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

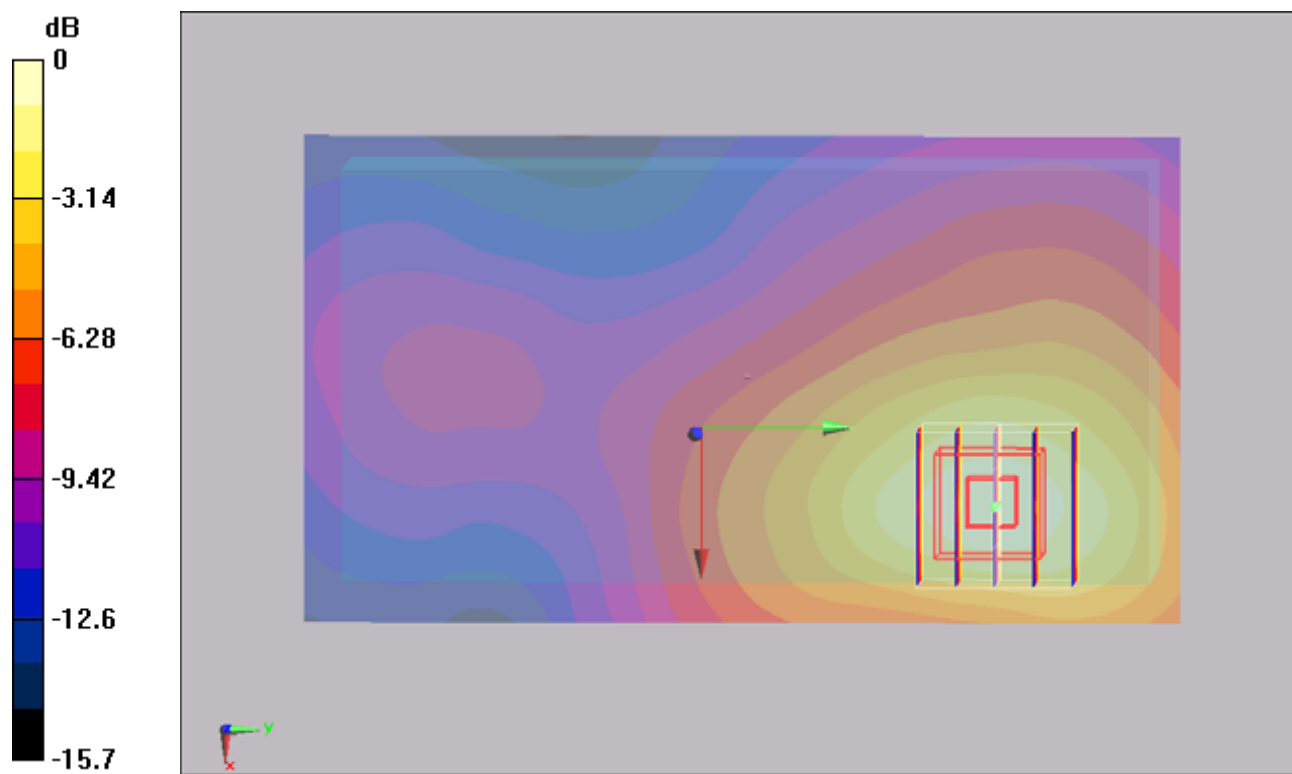
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



#08 WCDMA II_RMC12.2K_Back_1.5cm_Ch9538_31key_Scaner2_2D

DUT: 903036-03

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110825 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

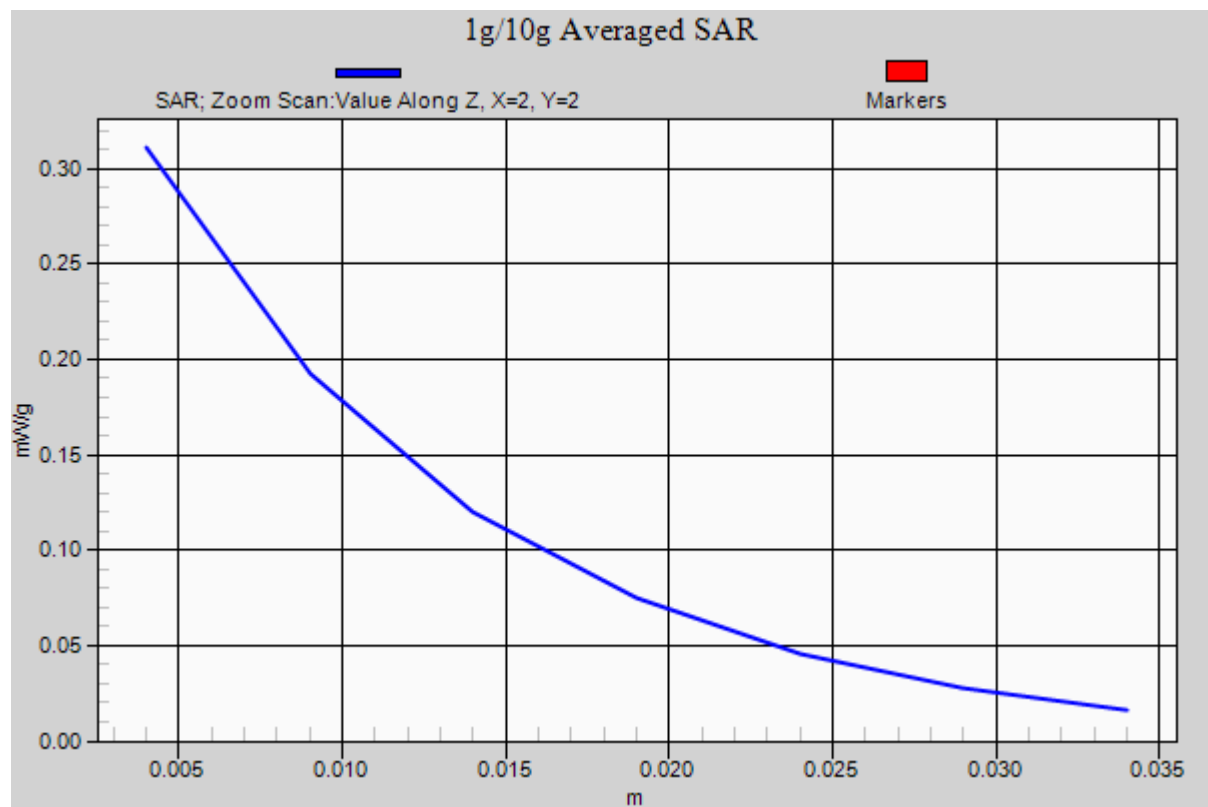
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.97 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



#09 802.11b_Left Cheek_Ch1_45key_Scaner1

DUT: 9o3036-03

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL_2450_110825 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.8 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

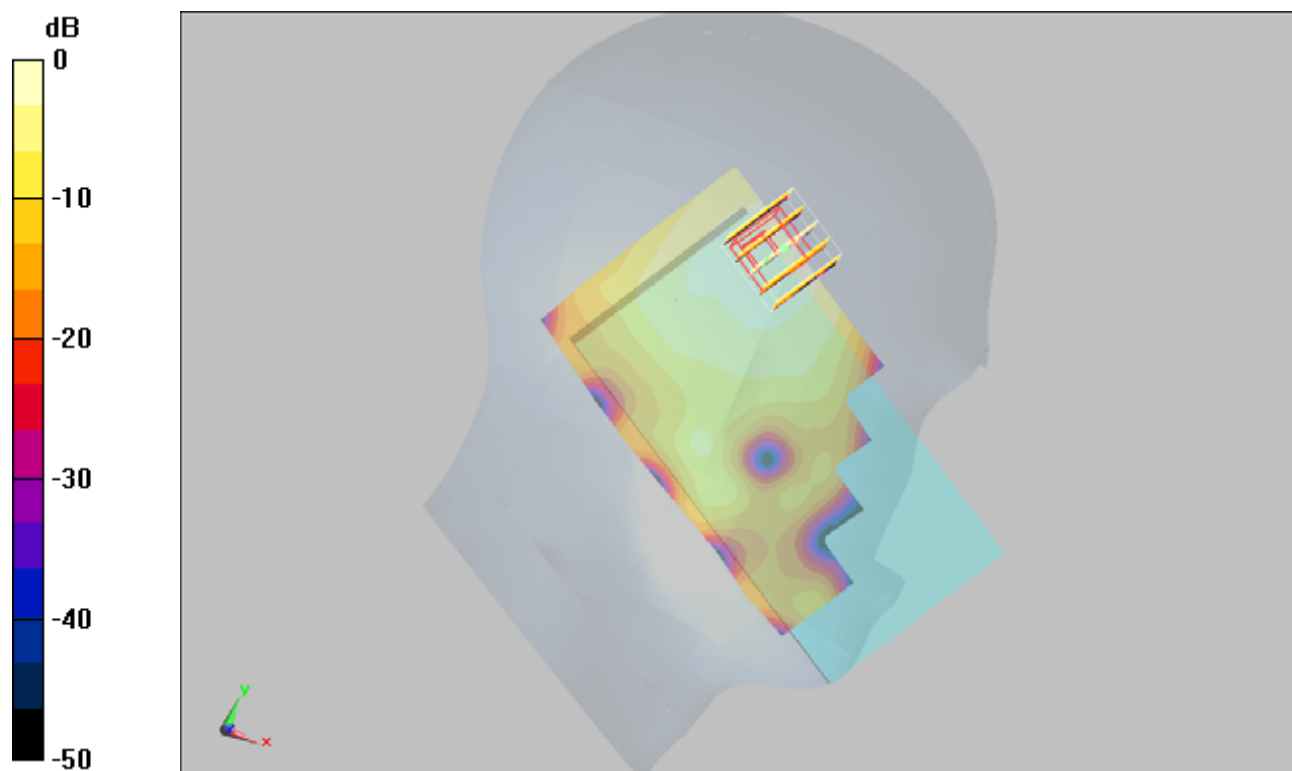
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.02 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g

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



0 dB = 0.043mW/g

#09 802.11b_Left Cheek_Ch1_45key_Scaner1_2D

DUT: 903036-03

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_110825 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.8 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

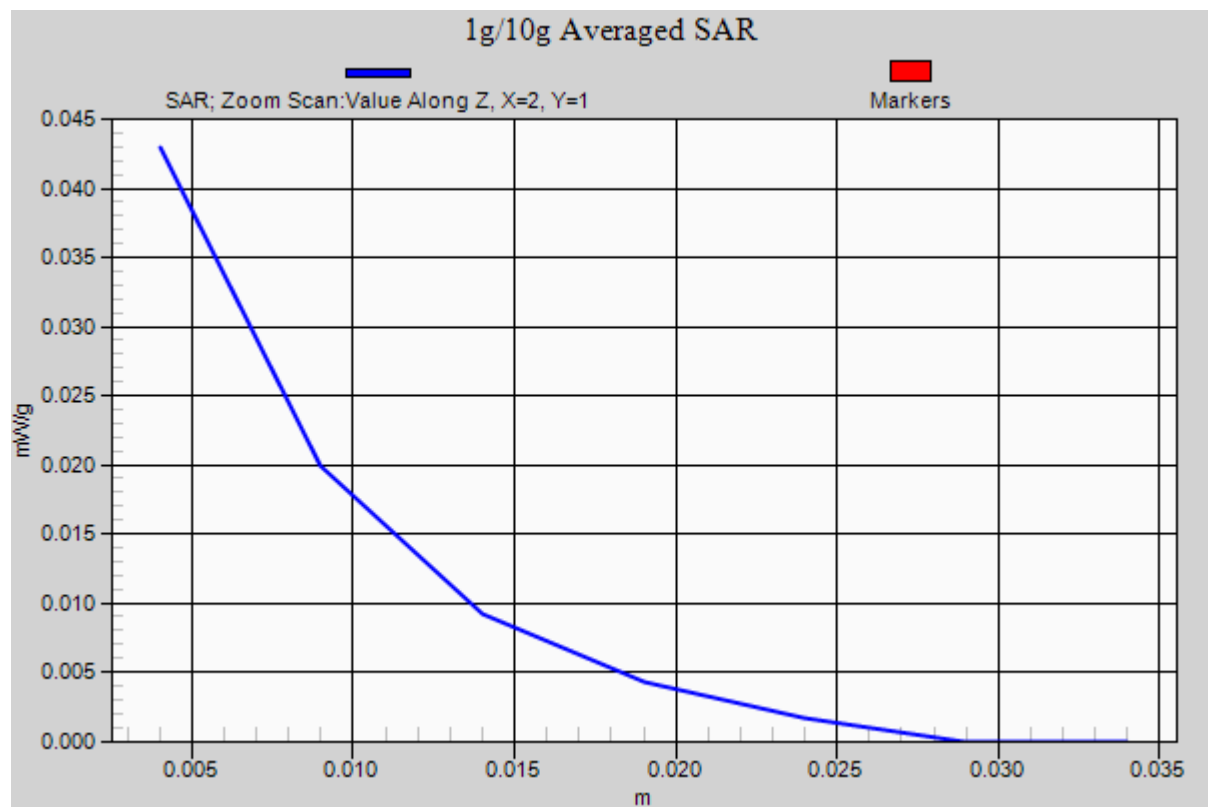
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.02 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g

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



#11 802.11a_Left Cheek_1.5cm_Ch36_45key_Scaner1

DUT: 9o3036-03

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110825 Medium parameters used : $f = 5180 \text{ MHz}$; $\sigma = 4.79 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (121x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.224 mW/g

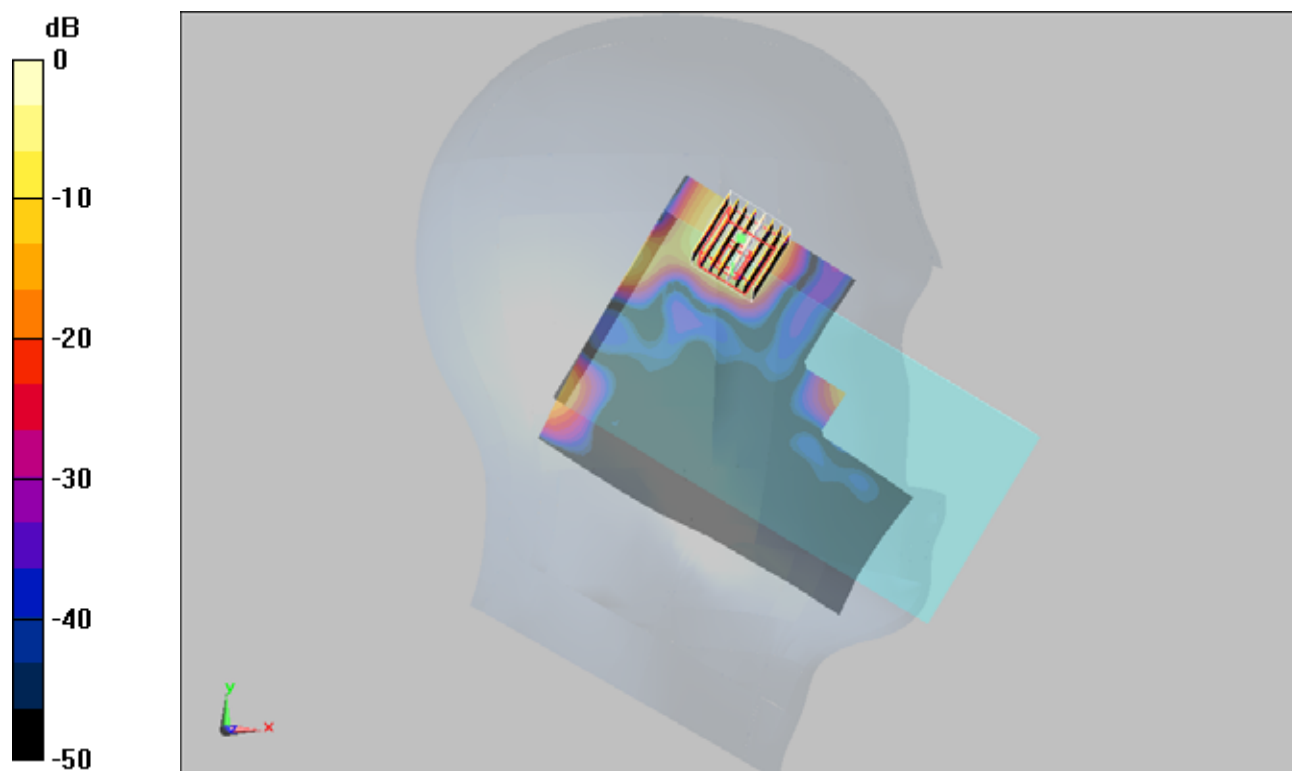
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

#11 802.11a_Left Cheek_1.5cm_Ch36_45key_Scaner1_2D

DUT: 9o3036-03

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL_5G_110825 Medium parameters used : $f = 5180 \text{ MHz}$; $\sigma = 4.79 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (121x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.224 mW/g

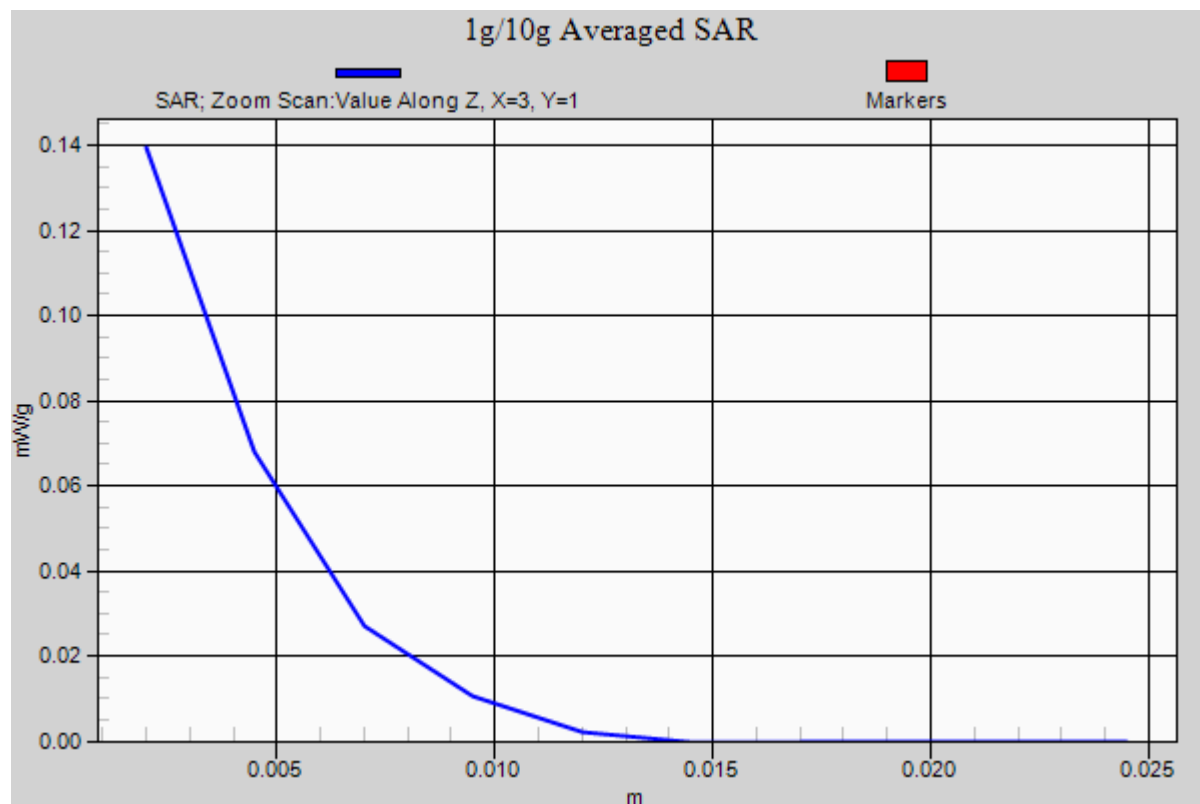
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



#10 802.11b_Back_1.5cm_Ch1_31key_Scaner2

DUT: 9o3036-03

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110825 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

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

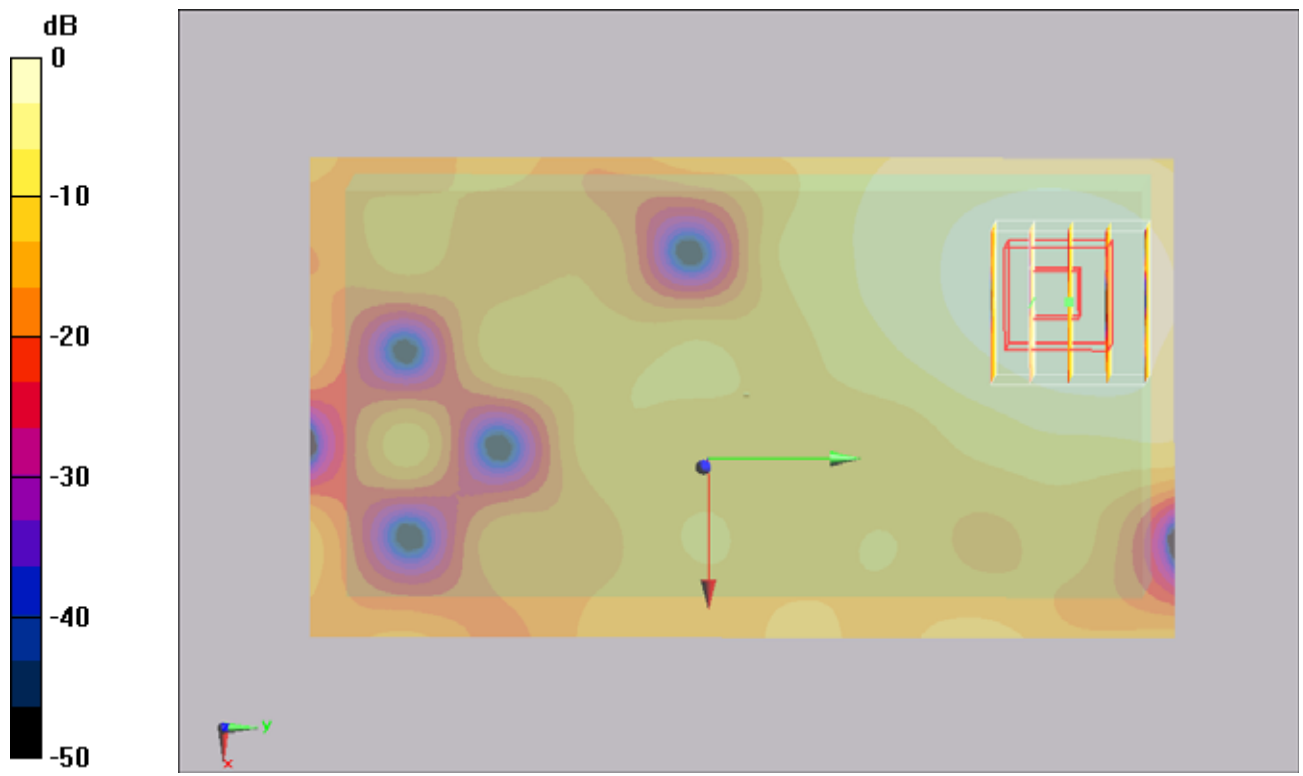
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.833 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g

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



0 dB = 0.043mW/g

#10 802.11b_Back_1.5cm_Ch1_31key_Scaner2_2D

DUT: 9o3036-03

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110825 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 52.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

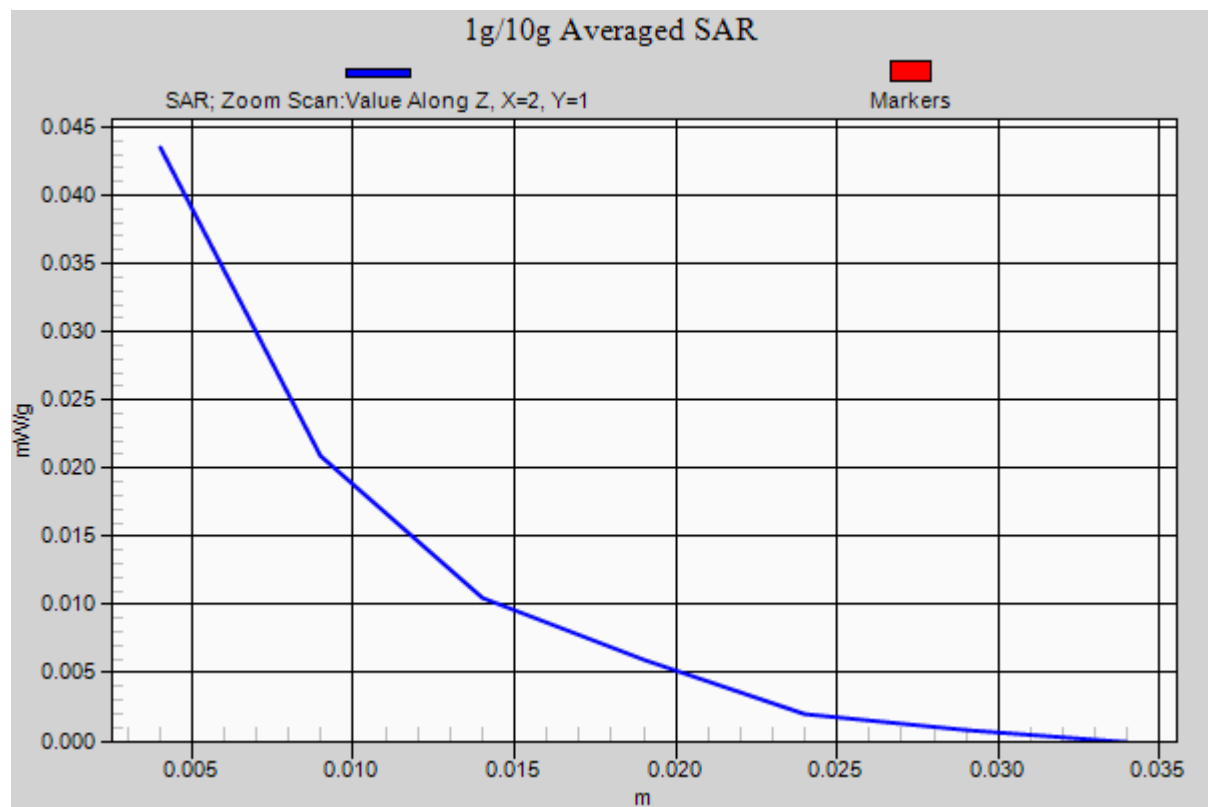
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.833 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g

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



#12 802.11a_Back_1.5cm_Ch36_45key_Scaner1.da5

DUT: 9o3036-03

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110825 Medium parameters used : $f = 5180 \text{ MHz}$; $\sigma = 5.27 \text{ mho/m}$; $\epsilon_r = 49.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (121x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.016 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.670 V/m; Power Drift = -0.0014 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.00619 mW/g; SAR(10 g) = 0.00106 mW/g

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

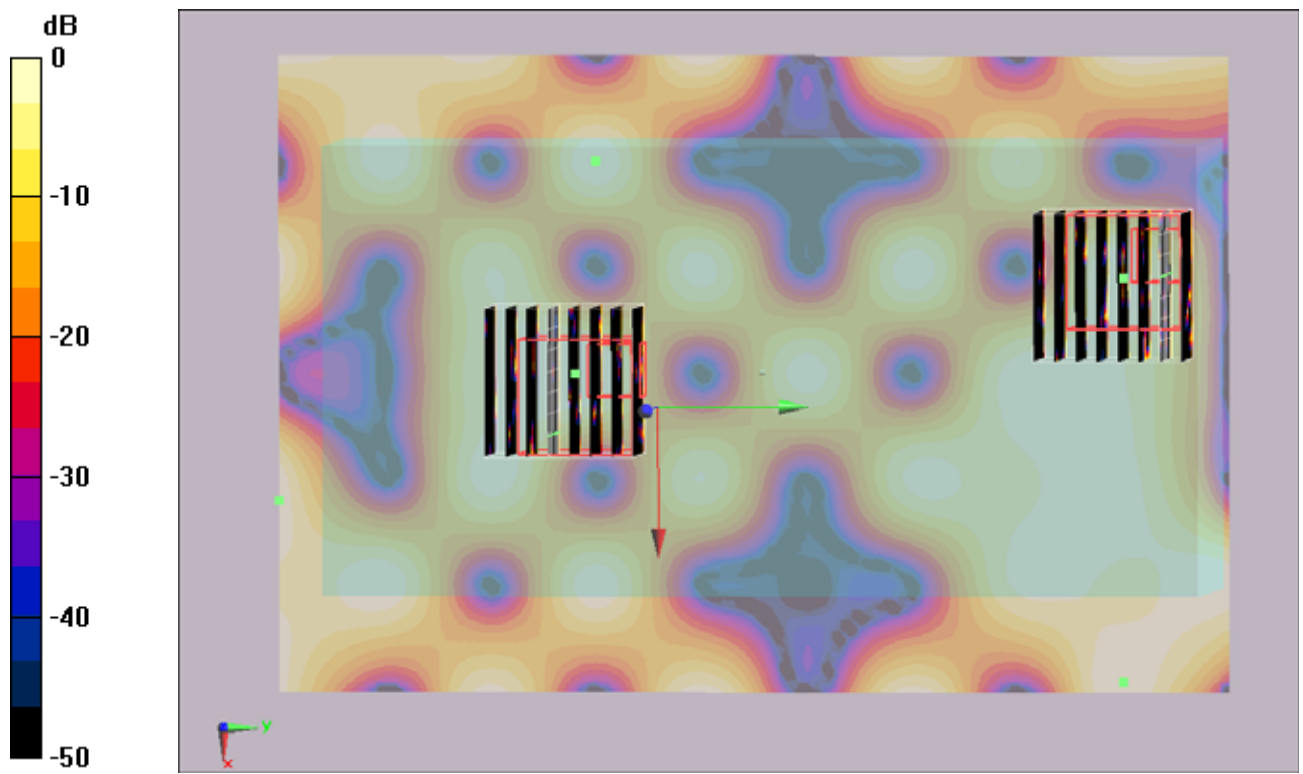
Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.670 V/m; Power Drift = -0.0014dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.00533 mW/g; SAR(10 g) = 0.00193 mW/g

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



0 dB = 0.012mW/g

#12 802.11a_Back_1.5cm_Ch36_45key_Scaner1_2D

DUT: 9o3036-03

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110825 Medium parameters used : $f = 5180 \text{ MHz}$; $\sigma = 5.27 \text{ mho/m}$; $\epsilon_r = 49.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (121x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.016 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.670 V/m; Power Drift = -0.0014 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.00619 mW/g; SAR(10 g) = 0.00106 mW/g

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

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.670 V/m; Power Drift = -0.0014dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.00533 mW/g; SAR(10 g) = 0.00193 mW/g

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

