

#37_GSM 850_DTM Multi-slot class 5_Right Cheek_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: HSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.899$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$

Maximum value of SAR (interpolated) = 0.268 W/kg

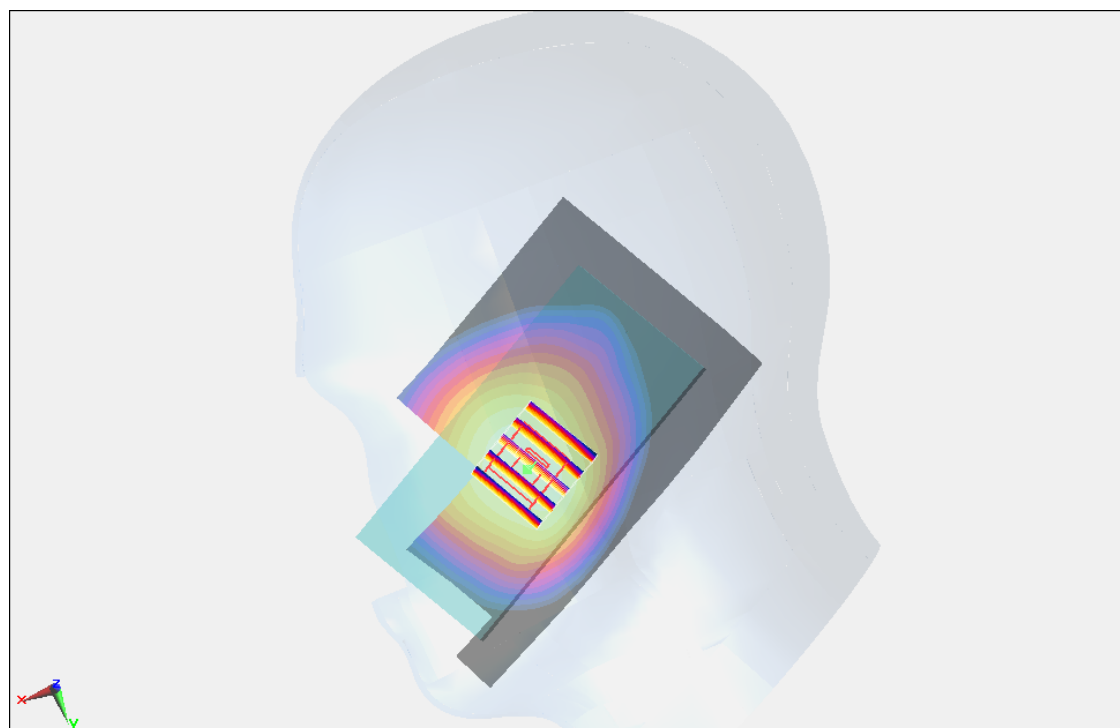
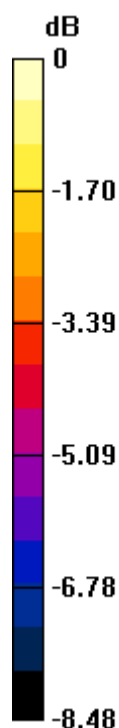
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.424 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.297 mW/g

SAR(1 g) = 0.248 mW/g ; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -11.73 dB W/kg

#38_GSM 850_DTM Multi-slot class 5_Right Tilted_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: HSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

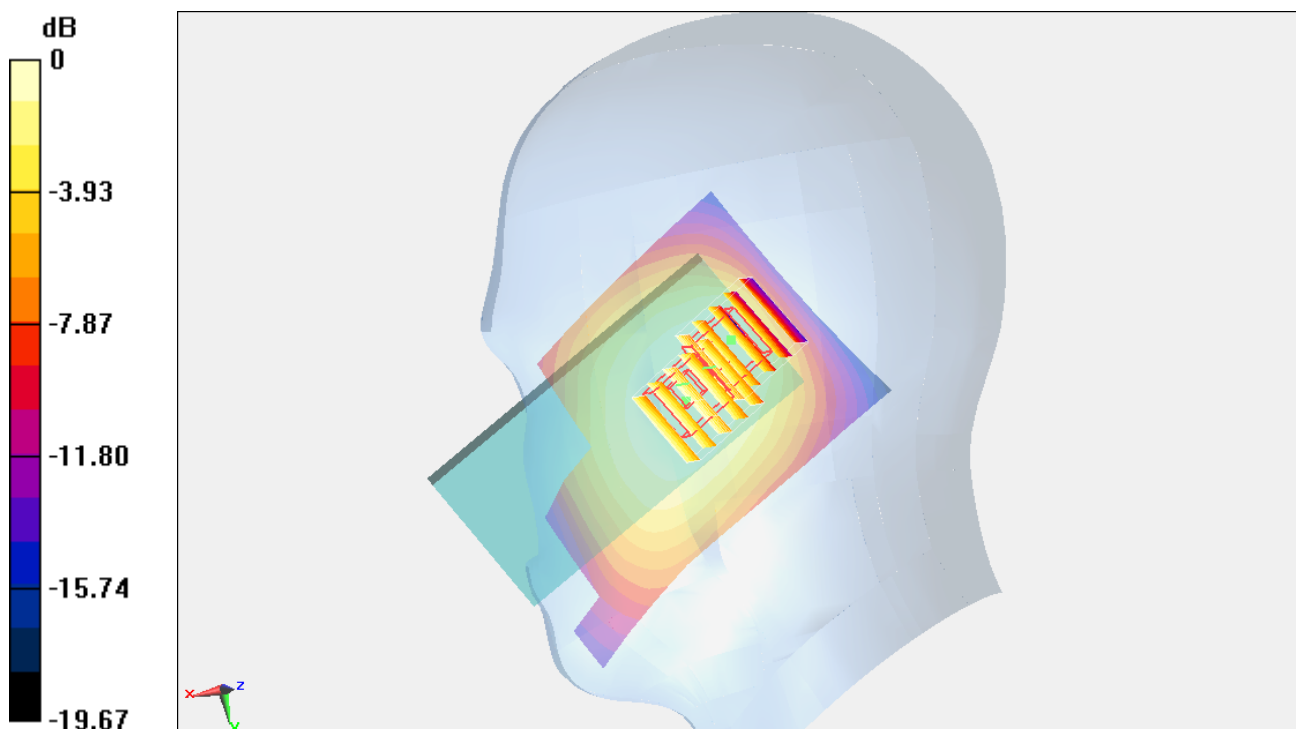
DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm
Maximum value of SAR (interpolated) = 0.207 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.165 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.251 mW/g
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.210 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.165 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.228 mW/g
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg = -14.11 dB W/kg

#39_GSM 850_DTM Multi-slot class 5_Left Cheek_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: HSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.283 W/kg

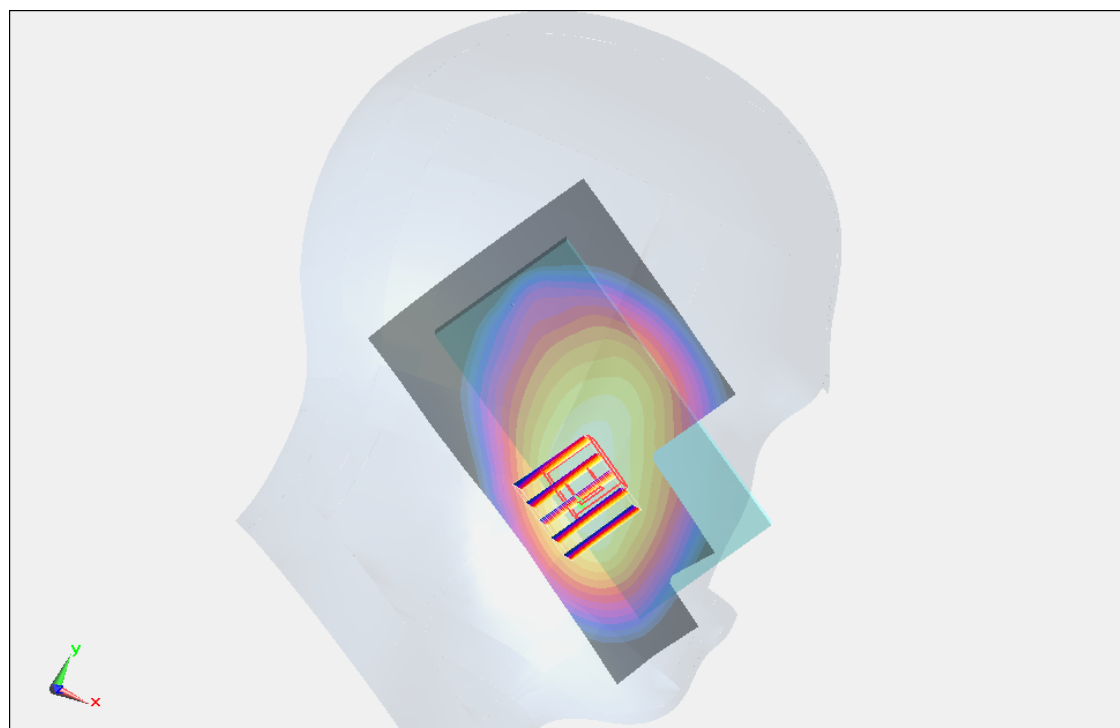
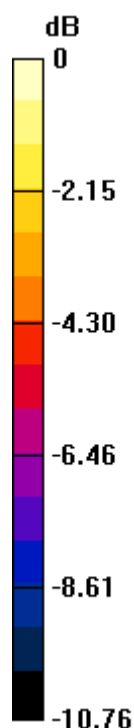
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.816 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.394 mW/g

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -10.81 dB W/kg

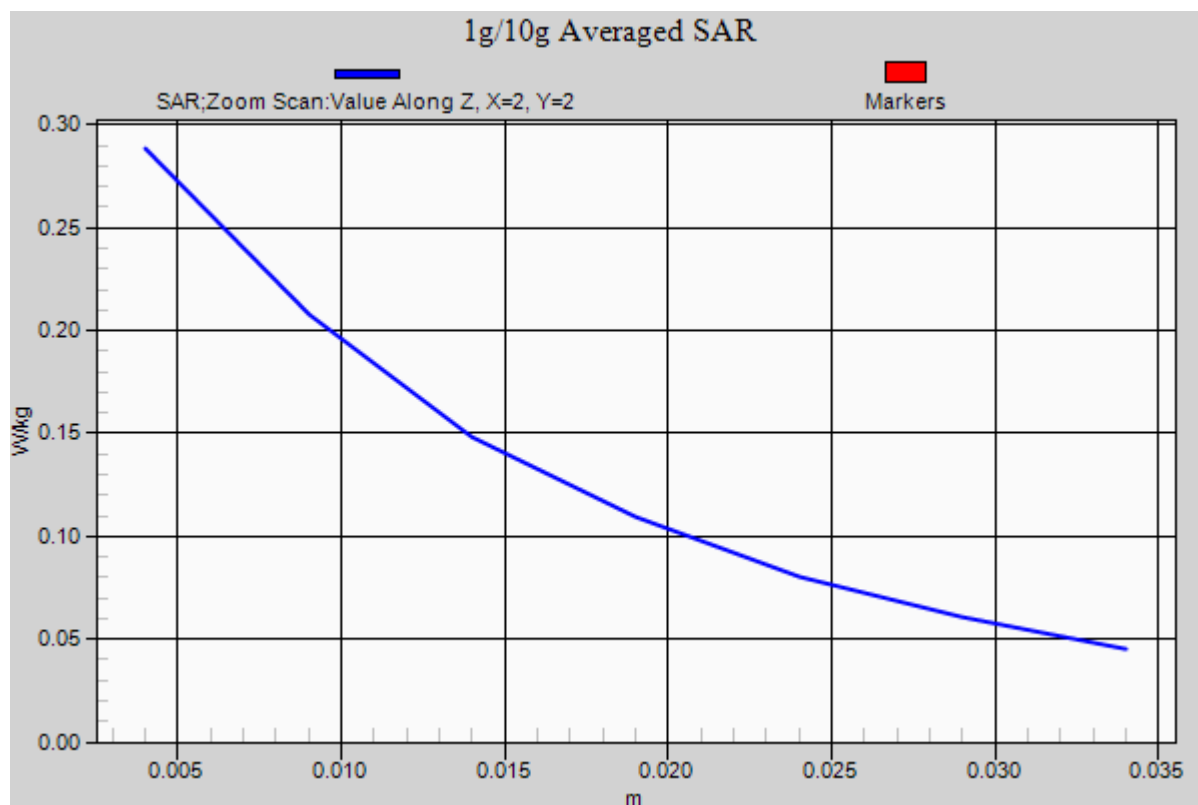
#39_GSM 850_DTM Multi-slot class 5_Left Cheek_Ch251_2D**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: HSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.899$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.283 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 7.816 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 0.394 mW/g **SAR(1 g) = 0.277 mW/g ; SAR(10 g) = 0.196 mW/g** Maximum value of SAR (measured) = 0.288 W/kg 

#40_GSM 850_DTM Multi-slot class 5_Left Tilted_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: HSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 40.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.233 W/kg

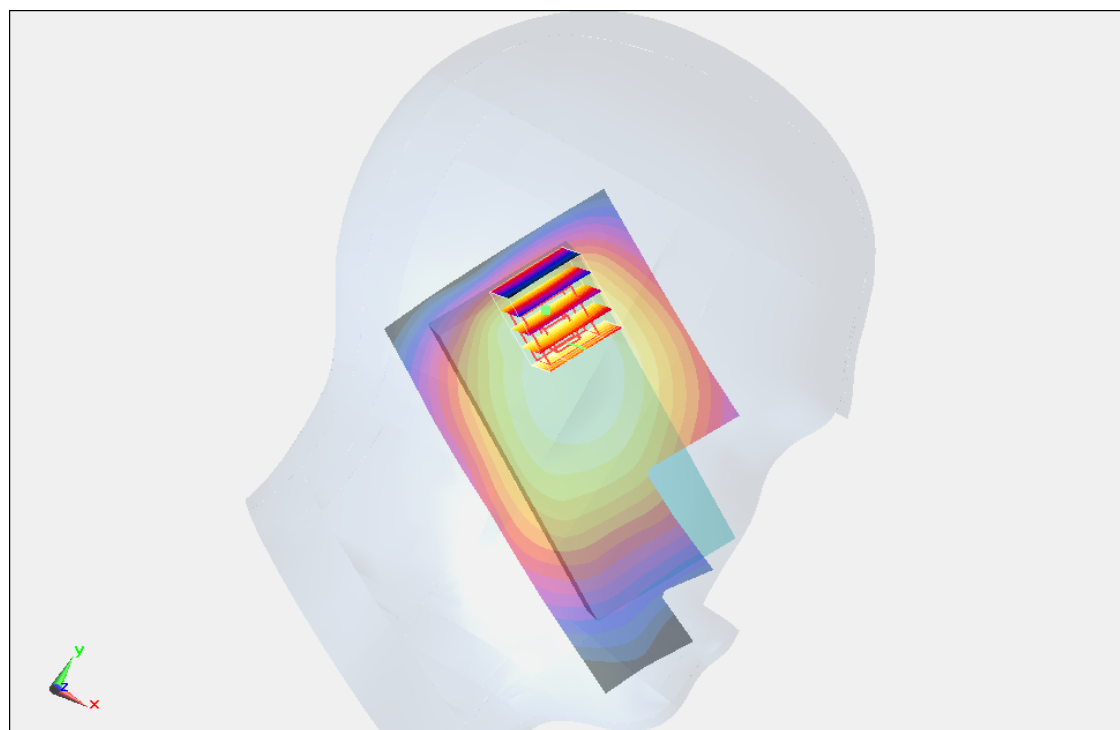
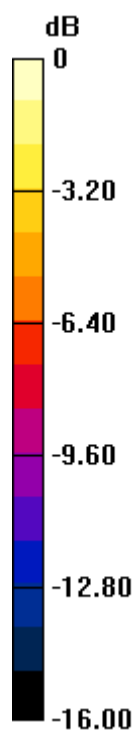
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.315 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.263 mW/g

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg = -13.85 dB W/kg

#01_GSM1900_GSM Voice_Right Cheek_Ch512**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 38.916$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

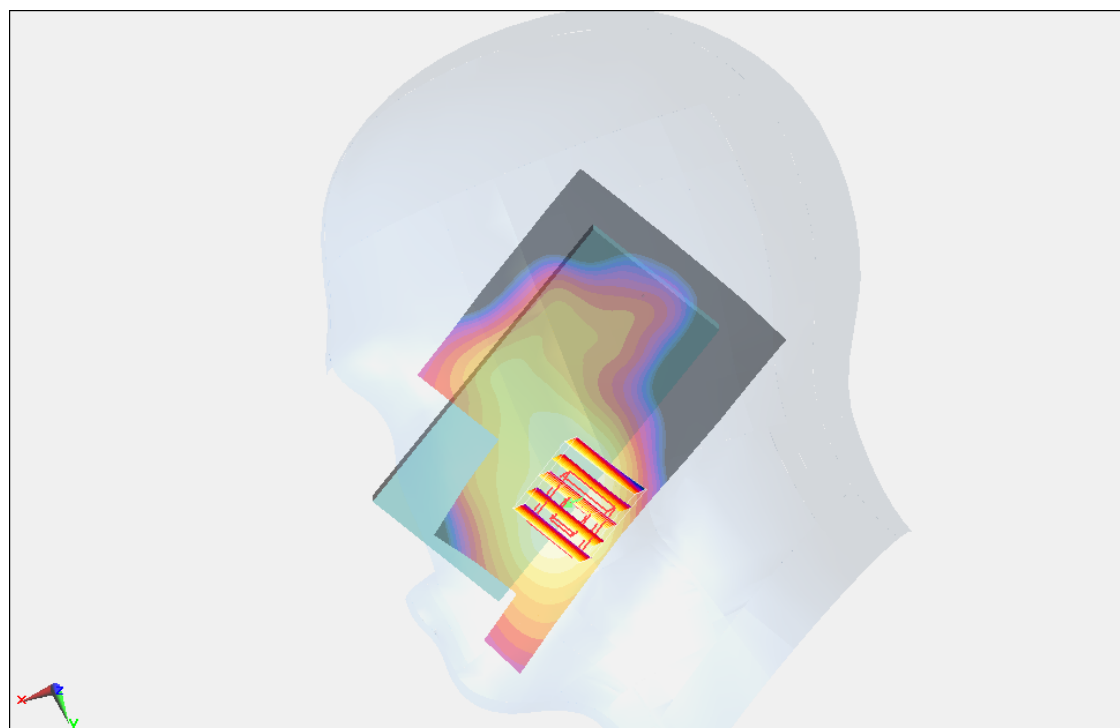
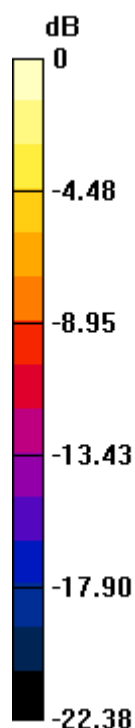
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.555 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.401 mW/g

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg = -11.87 dB W/kg

#01_GSM1900_GSM Voice_Right Cheek_Ch512_2D**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 38.916$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

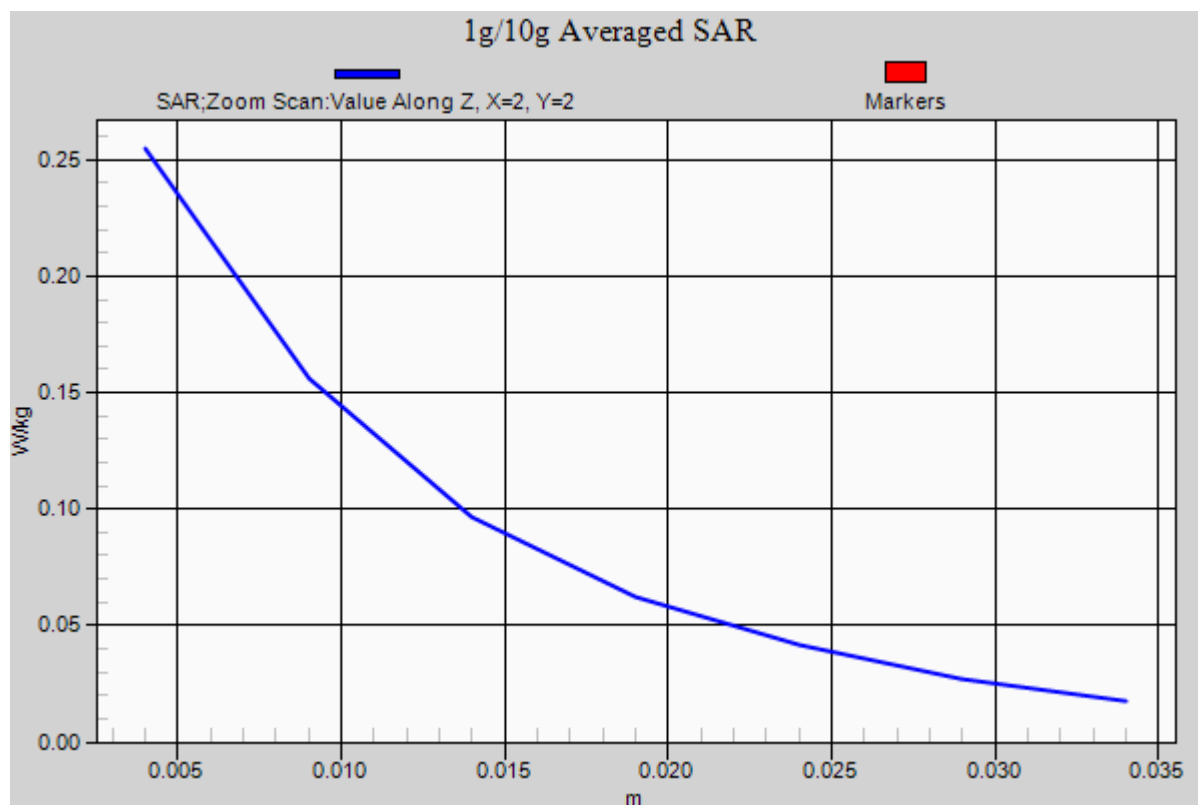
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.555 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.401 mW/g

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.255 W/kg



#02_GSM1900_GSM Voice_Right Tilted_Ch512**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 38.916$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.110 W/kg

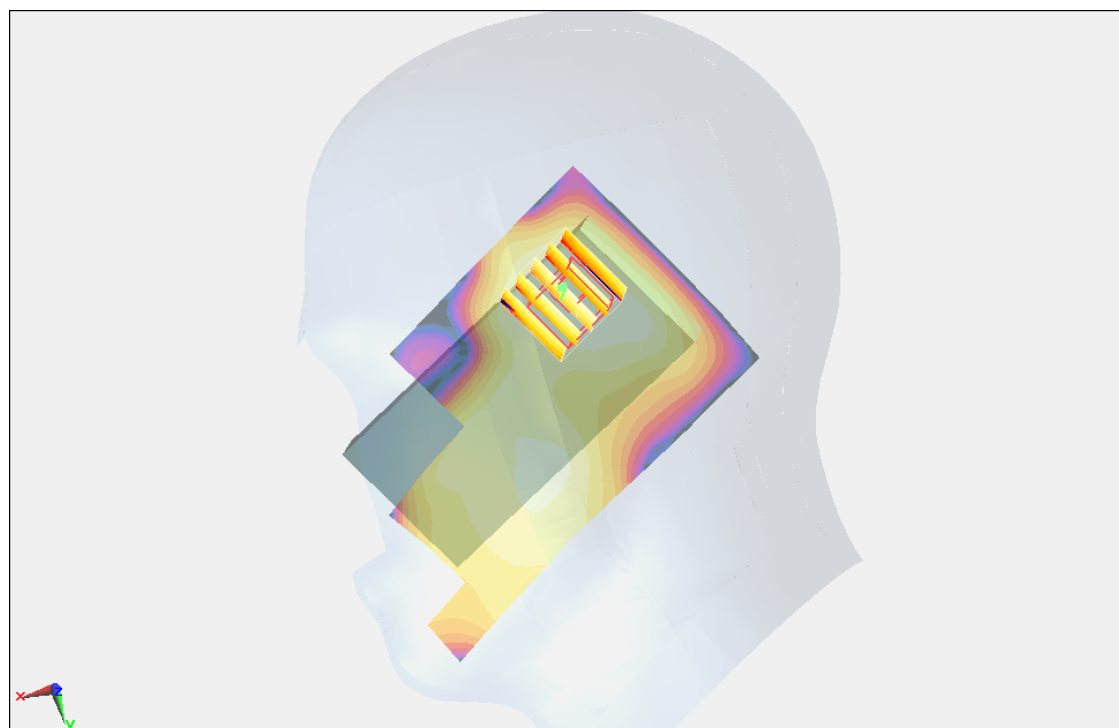
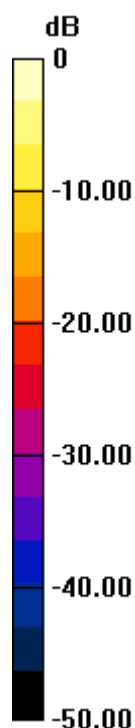
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.868 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.130 mW/g

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.0896 W/kg



0 dB = 0.0896 W/kg = -20.95 dB W/kg

#03_GSM1900_GSM Voice_Left Cheek_Ch512**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 38.916$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

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

Reference Value = 4.644 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.272 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.187 W/kg

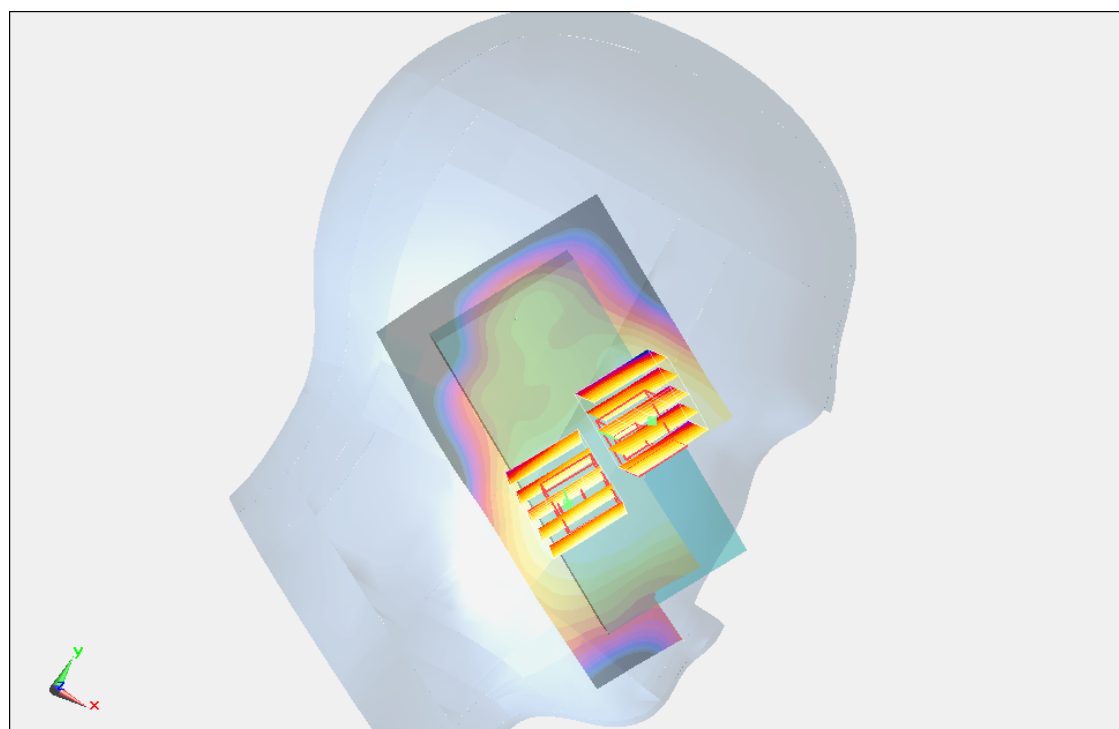
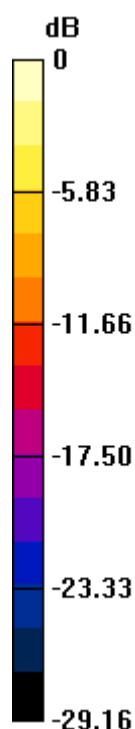
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.644 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.149 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -19.02 dB W/kg

#04_GSM1900_GSM Voice_Left Tilted_Ch512**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r = 38.916$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.0991 W/kg

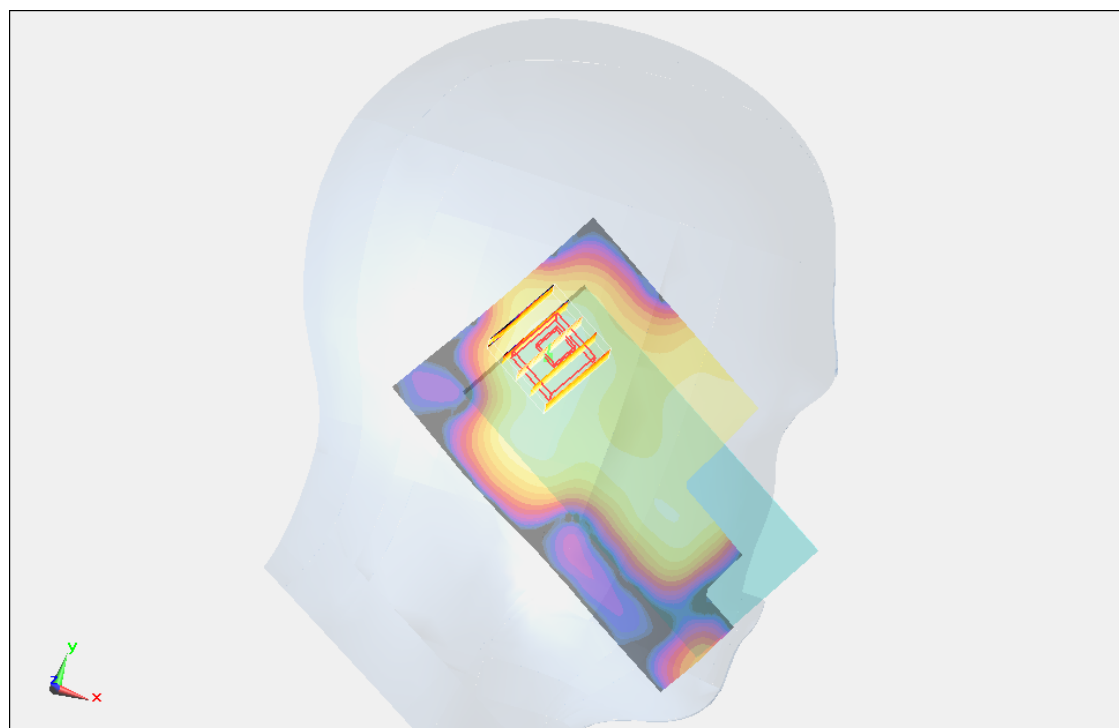
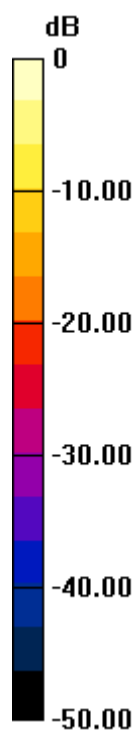
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.082 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.164 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.0713 W/kg



0 dB = 0.0713 W/kg = -22.94 dB W/kg

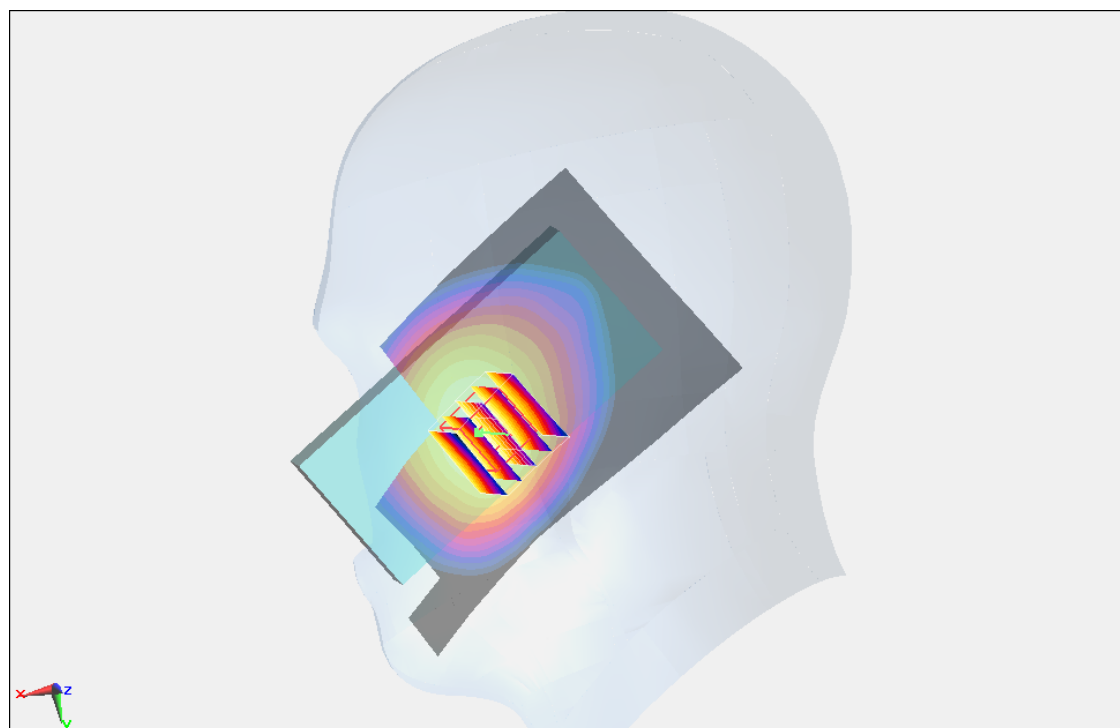
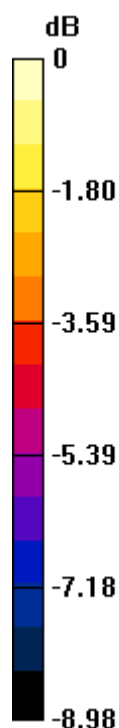
#94_WCDMA V_RMC12.2K_Right Cheek_Ch4233**DUT: 291928**

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

Medium: HSL_850_121026 Medium parameters used: $f = 847$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.118$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.369 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 8.353 V/m ; Power Drift = 0.12 dB Peak SAR (extrapolated) = 0.466 mW/g **SAR(1 g) = 0.372 mW/g ; SAR(10 g) = 0.288 mW/g** Maximum value of SAR (measured) = 0.389 W/kg  $0 \text{ dB} = 0.389 \text{ W/kg} = -8.20 \text{ dB W/kg}$

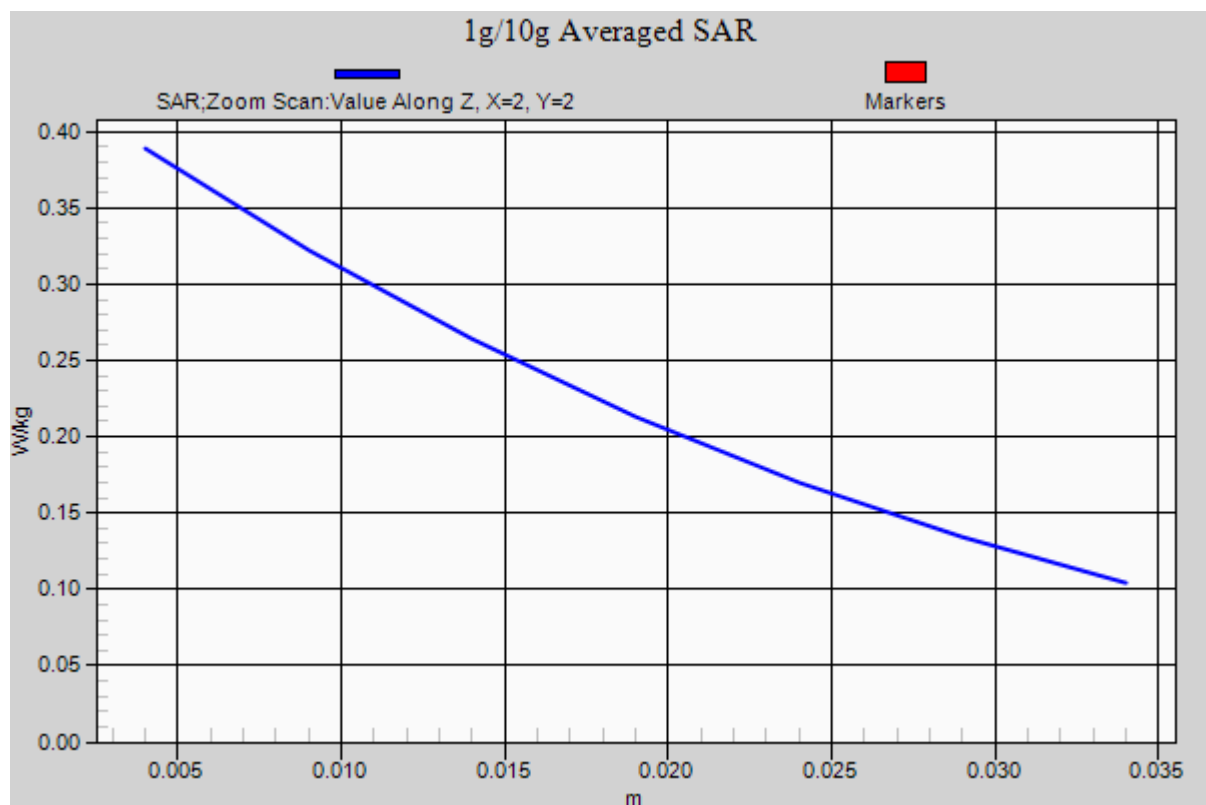
#94_WCDMA V_RMC12.2K_Right Cheek_Ch4233_2D**DUT: 291928**

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

Medium: HSL_850_121026 Medium parameters used: $f = 847$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.118$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.369 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 8.353 V/m ; Power Drift = 0.12 dB Peak SAR (extrapolated) = 0.466 mW/g **SAR(1 g) = 0.372 mW/g ; SAR(10 g) = 0.288 mW/g** Maximum value of SAR (measured) = 0.389 W/kg 

#95_WCDMA V_RMC12.2K_Right Tilted_Ch4233**DUT: 291928**

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

Medium: HSL_850_121026 Medium parameters used: $f = 847$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.118$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.167 W/kg

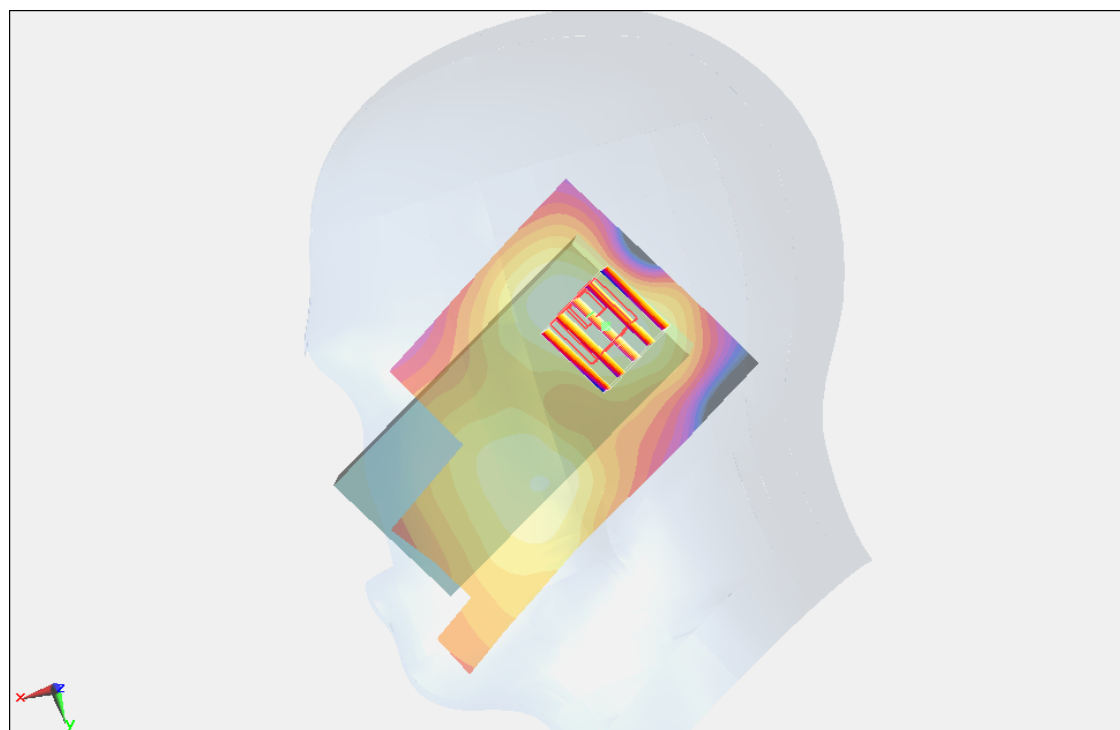
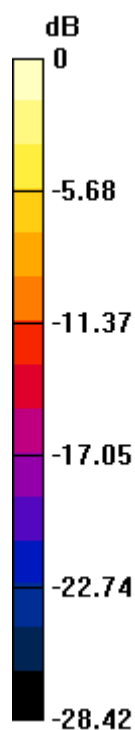
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.320 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.131 mW/g ; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -17.02 dB W/kg

#96_WCDMA V_RMC12.2K_Left Cheek_Ch4233**DUT: 291928**

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

Medium: HSL_850_121026 Medium parameters used: $f = 847$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.118$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.244 W/kg

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

Reference Value = 8.344 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.461 mW/g

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.264 W/kg

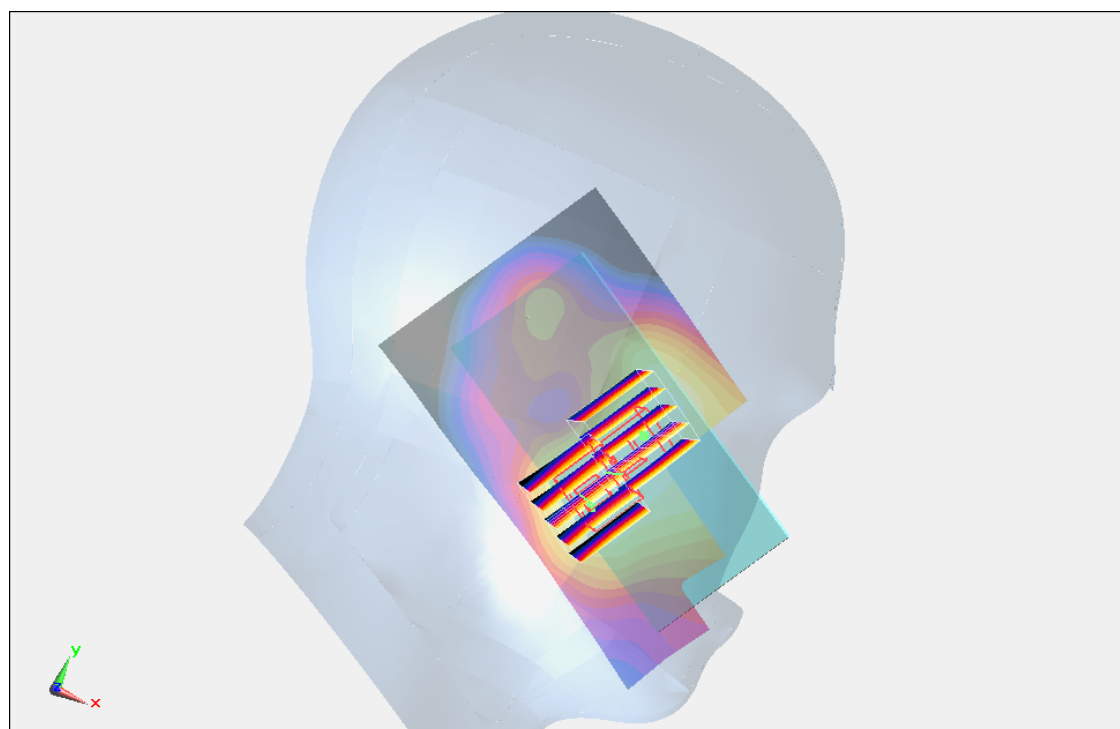
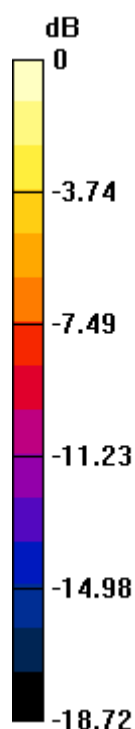
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.344 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.355 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -13.03 dB W/kg

#97_WCDMA V_RMC12.2K_Left Tilted_Ch4233**DUT: 291928**

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

Medium: HSL_850_121026 Medium parameters used: $f = 847$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.118$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.71, 8.71, 8.71); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.175 W/kg

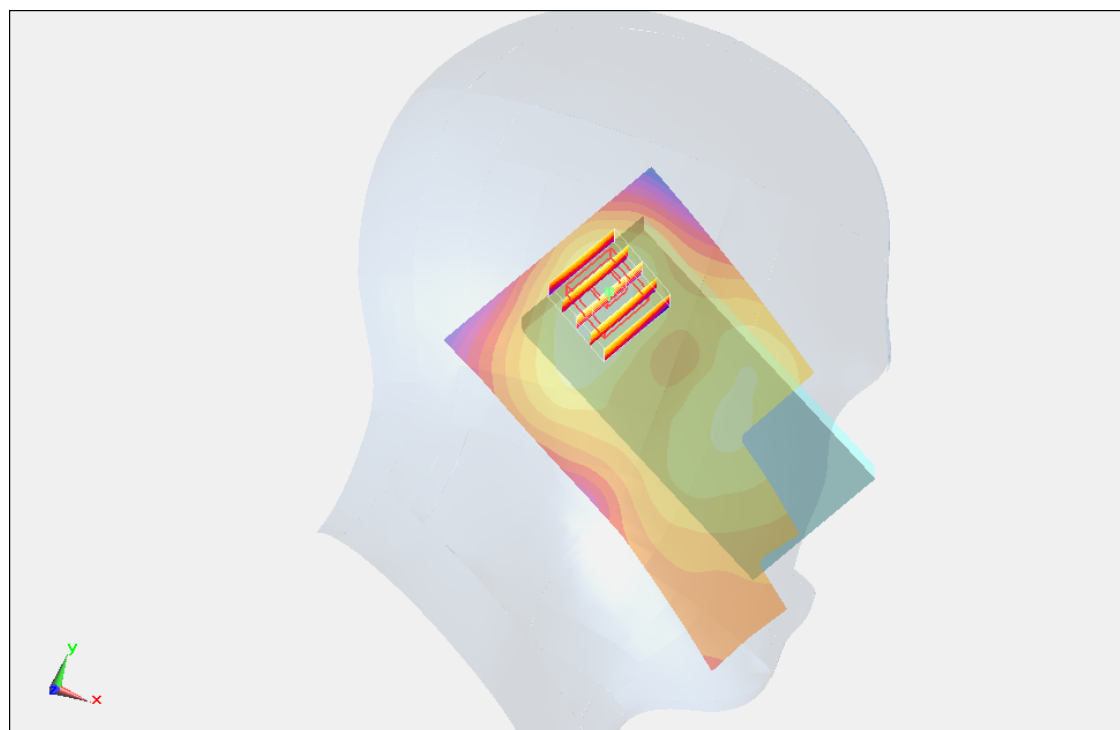
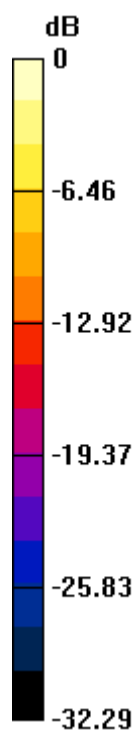
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.171 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.294 mW/g

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -15.49 dB W/kg

#51_WCDMA IV_RMC12.2K_Right Cheek_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.45$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.773 W/kg

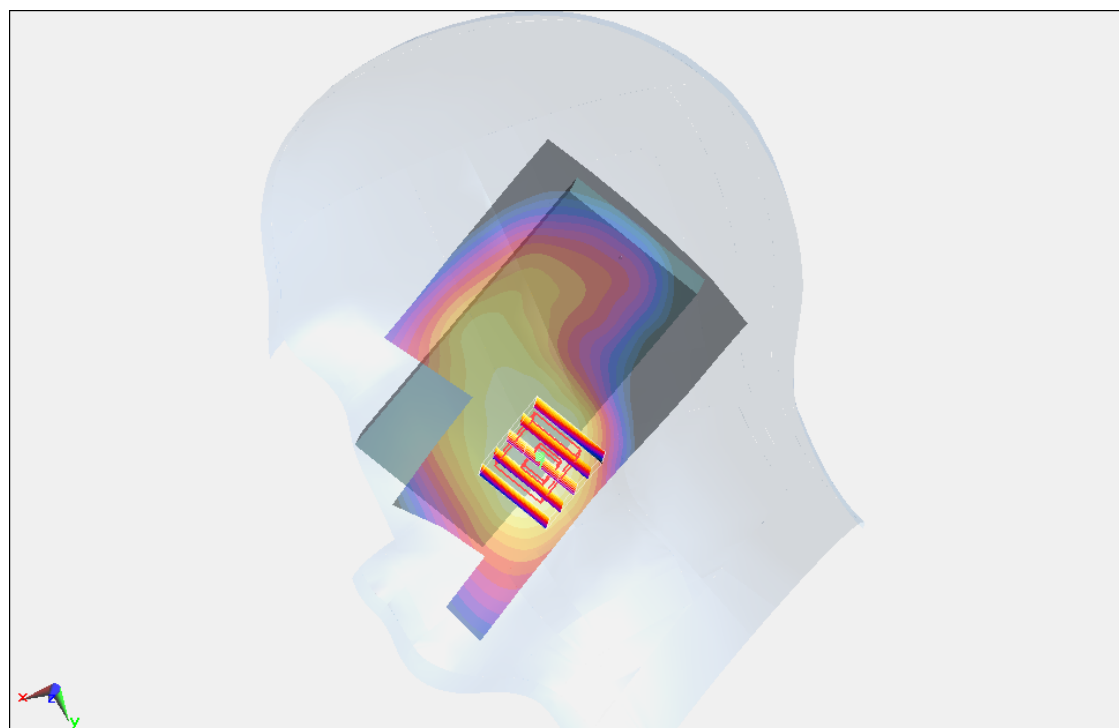
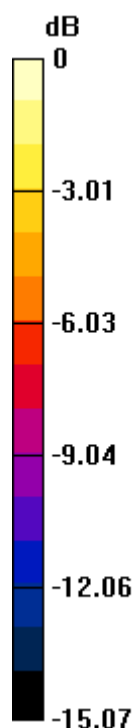
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.153 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.990 mW/g

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.686 W/kg = -3.27 dB W/kg

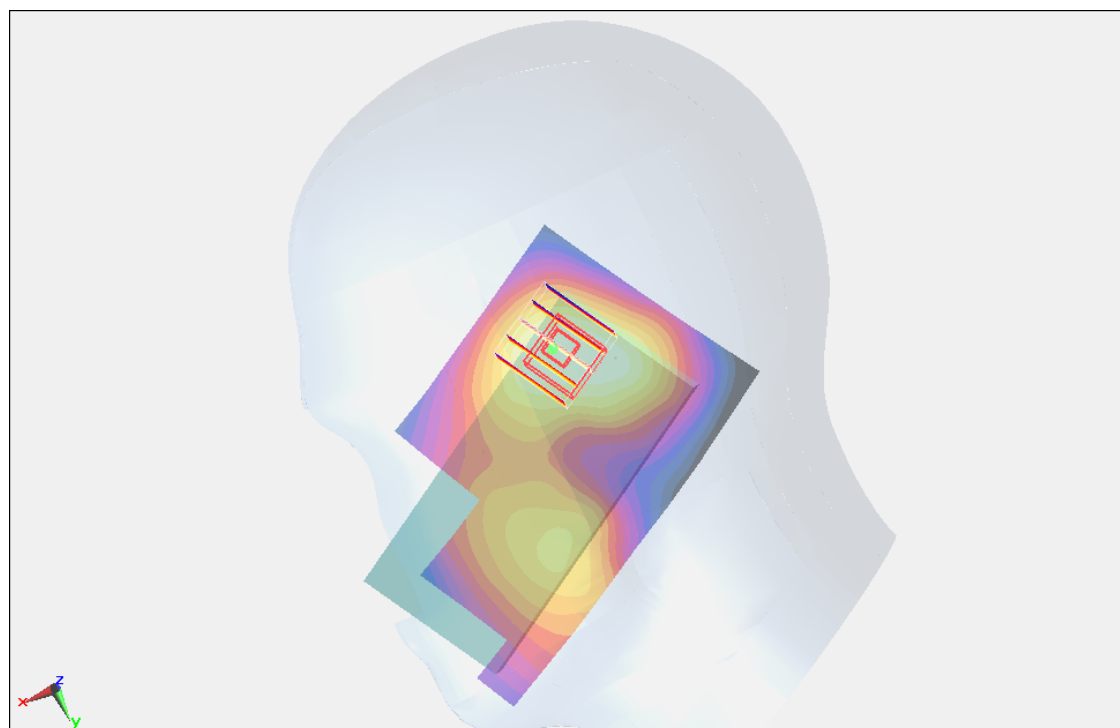
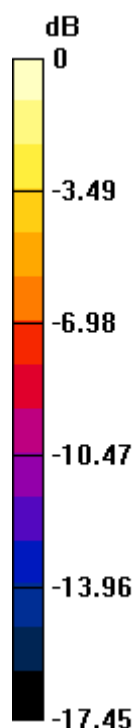
#52_WCDMA IV_RMC12.2K_Right Tilted_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.45$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.323 W/kg **Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 14.228 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 0.433 mW/g **SAR(1 g) = 0.291 mW/g ; SAR(10 g) = 0.190 mW/g** Maximum value of SAR (measured) = 0.313 W/kg  $0 \text{ dB} = 0.313 \text{ W/kg} = -10.09 \text{ dB W/kg}$

#53_WCDMA IV_RMC12.2K_Left Cheek_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.45$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.706 W/kg

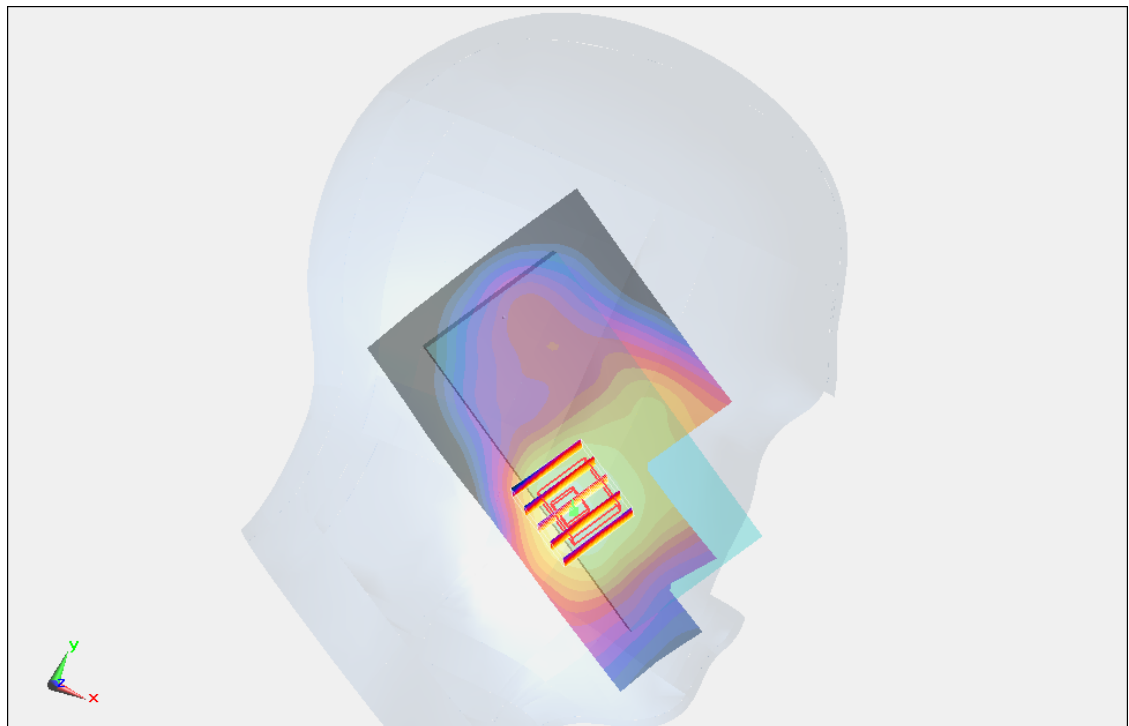
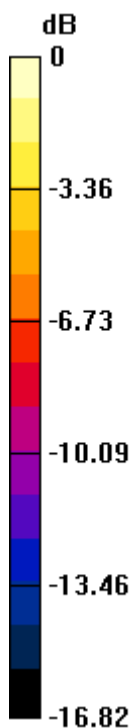
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.353 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.983 mW/g

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg = -3.06 dB W/kg

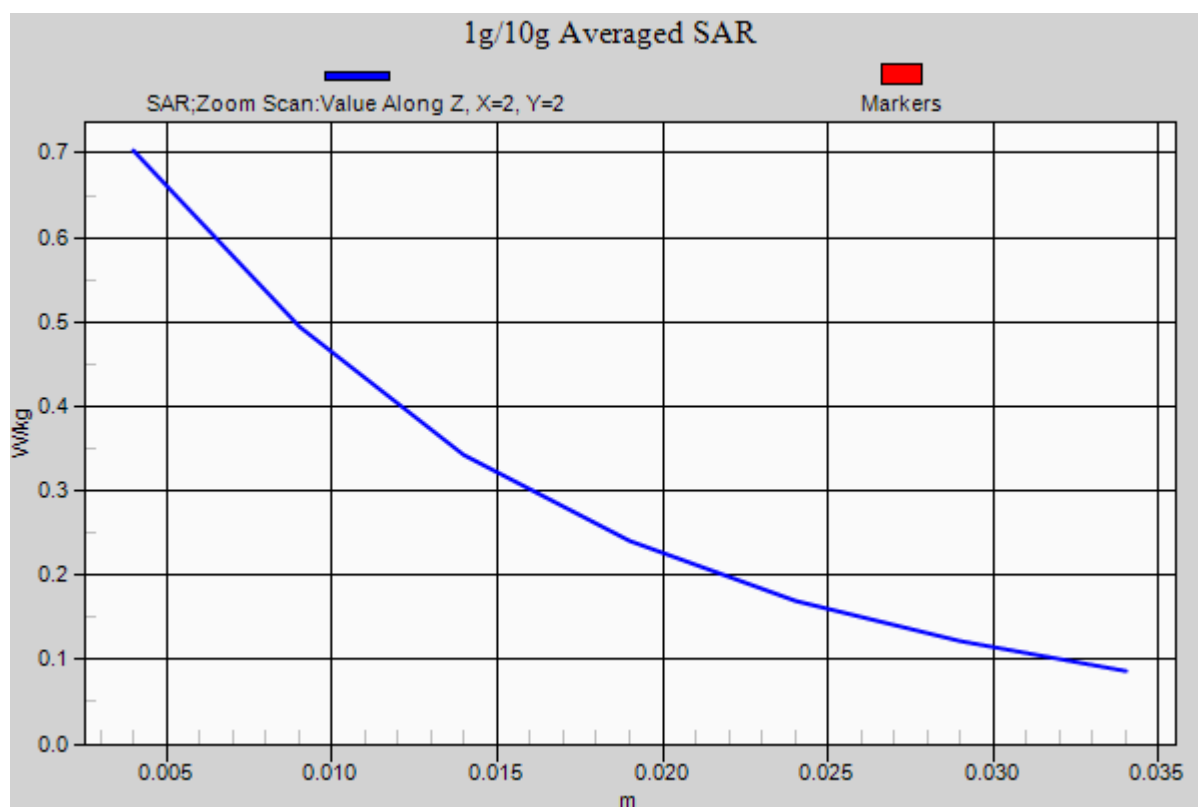
#53_WCDMA IV_RMC12.2K_Left Cheek_Ch1413_2D**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.45$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.706 W/kg **Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 9.353 V/m ; Power Drift = 0.133 dB Peak SAR (extrapolated) = 0.983 mW/g **SAR(1 g) = 0.644 mW/g ; SAR(10 g) = 0.410 mW/g** Maximum value of SAR (measured) = 0.703 W/kg 

#54_WCDMA IV_RMC12.2K_Left Tilted_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 39.45$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.355 W/kg

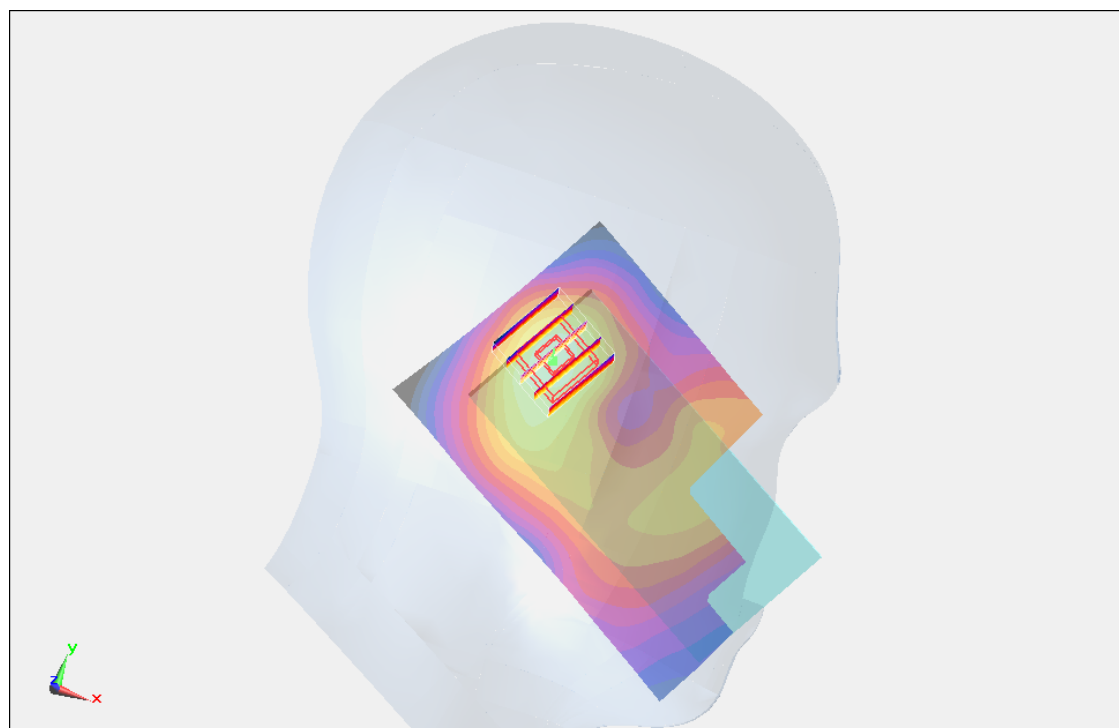
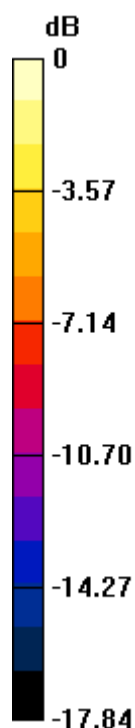
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.443 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.469 mW/g

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg = -9.42 dB W/kg

#05_WCDMA II_RMC12.2K_Right Cheek_Ch9400**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 38.794$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

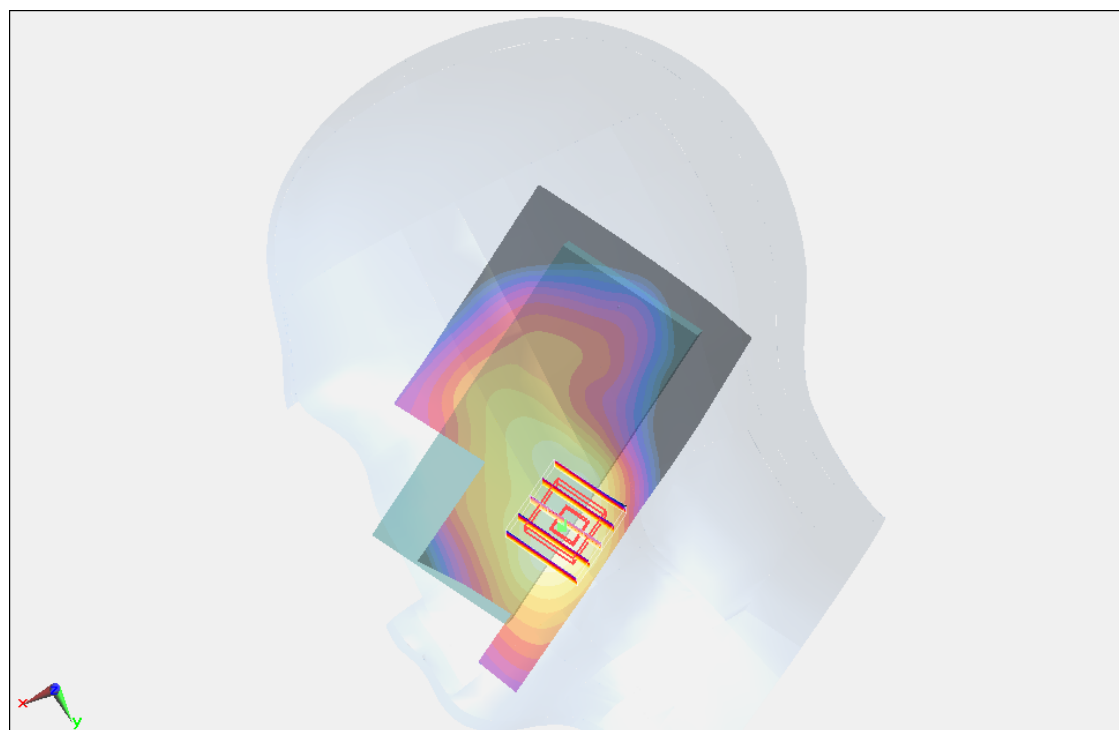
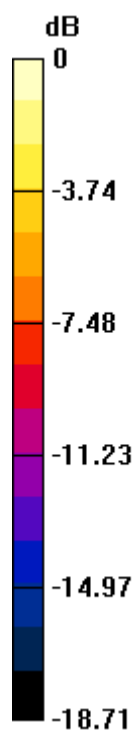
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.804 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 1.057 mW/g

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg = -3.16 dB W/kg

#05_WCDMA II_RMC12.2K_Right Cheek_Ch9400_2D**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 38.794$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

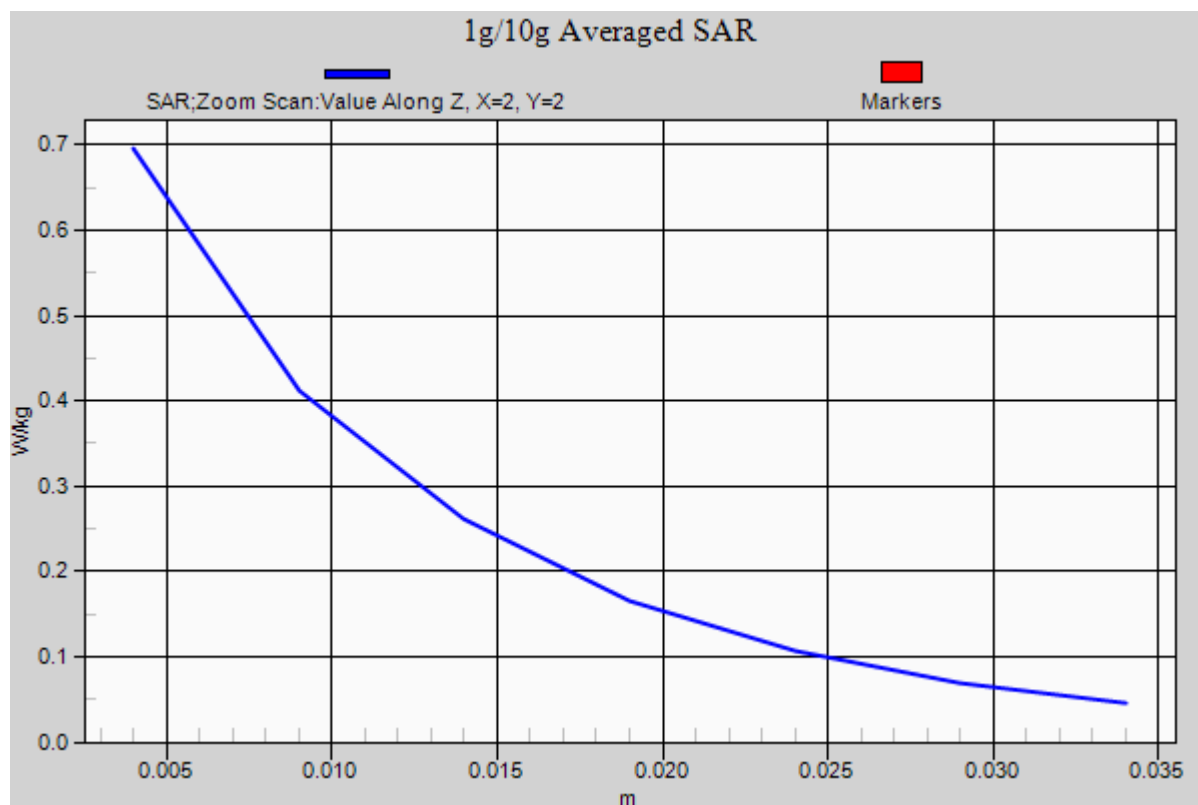
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.804 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 1.057 mW/g

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.695 W/kg



#06_WCDMA II_RMC12.2K_Right Tilted_Ch9400**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 38.794$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

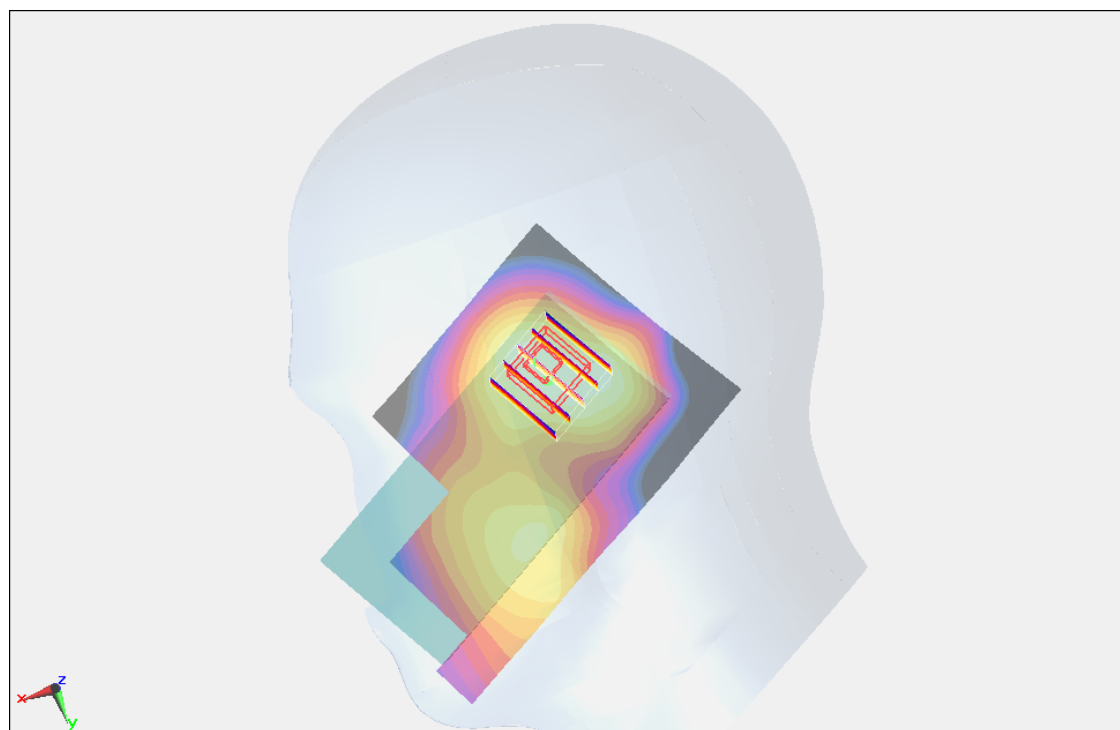
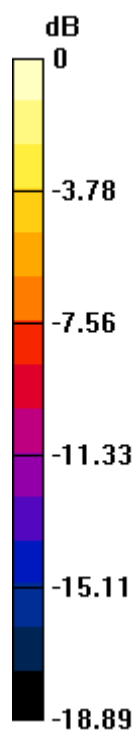
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.877 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.323 mW/g

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -12.92 dB W/kg

#07_WCDMA II_RMC12.2K_Left Cheek_Ch9400**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 38.794$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.440 W/kg

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

Reference Value = 7.221 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.706 mW/g

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.471 W/kg

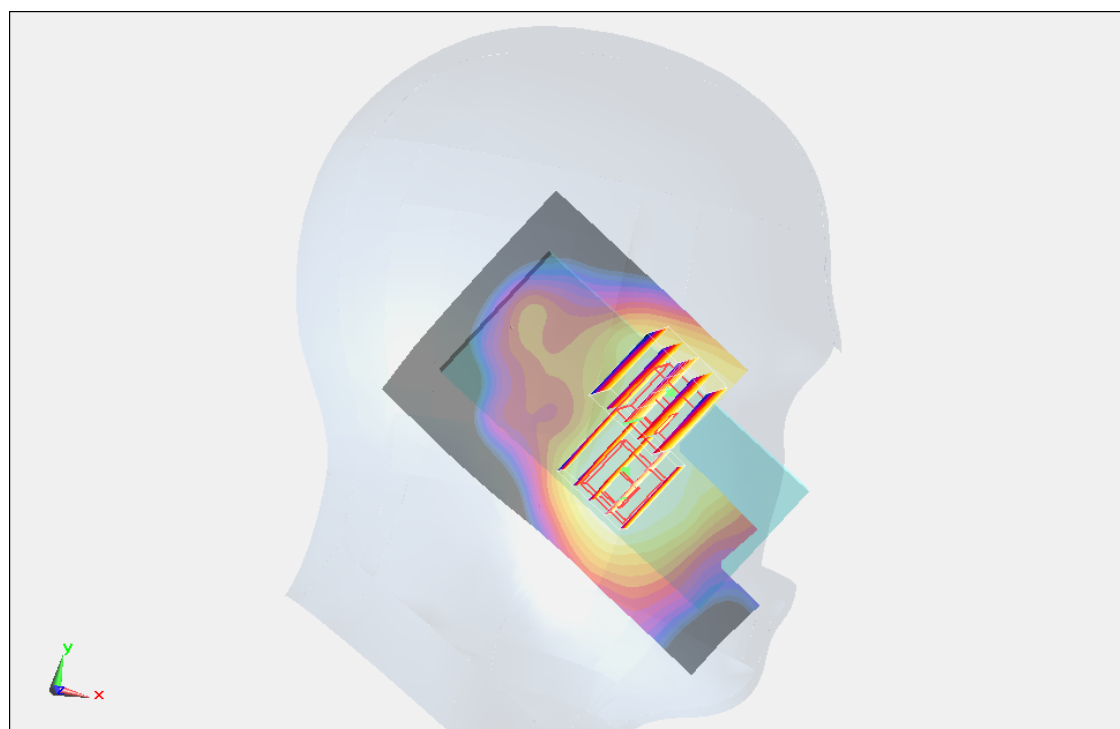
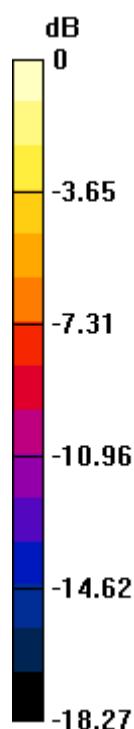
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.221 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.468 mW/g

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -9.60 dB W/kg

#08_WCDMA II_RMC12.2K_Left Tilted_Ch9400**DUT: 291928**

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

Medium: HSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.409$ mho/m; $\epsilon_r = 38.794$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.73, 7.73, 7.73); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.223 W/kg

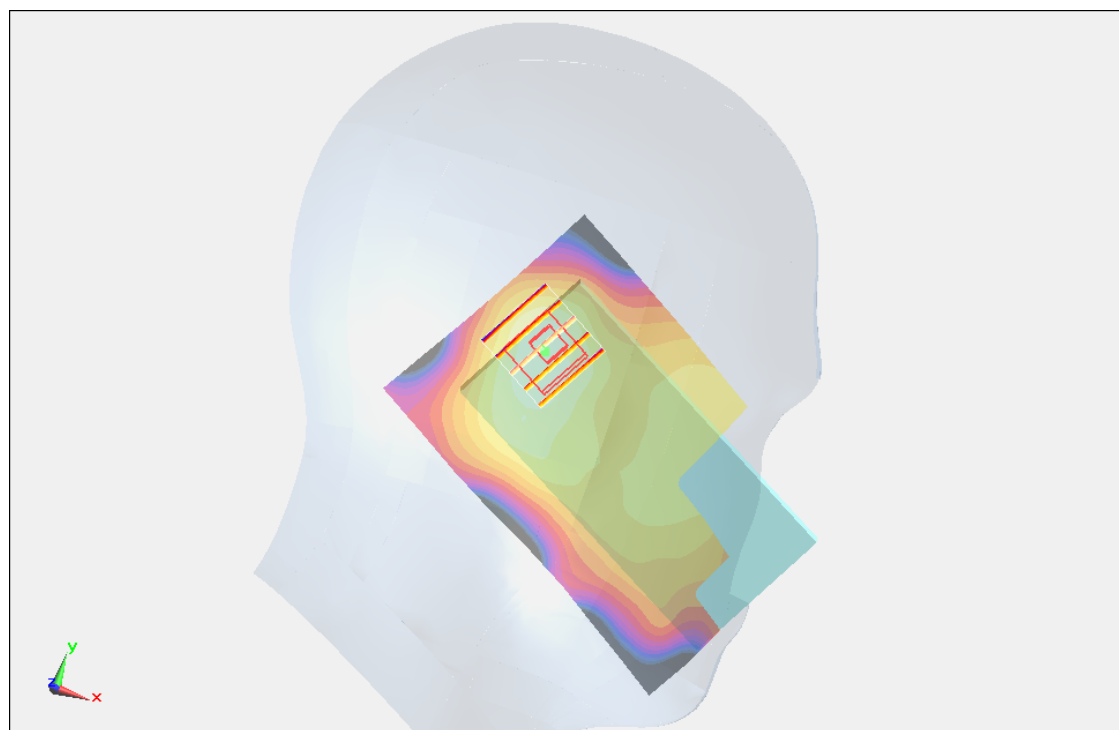
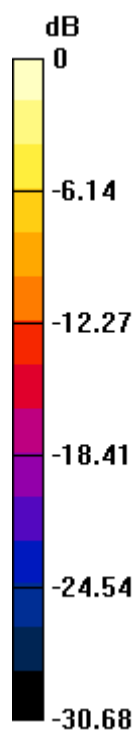
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.921 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.322 mW/g

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -13.23 dB W/kg

#55_WLAN2.4G_802.11b_Right Cheek_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 38.745$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

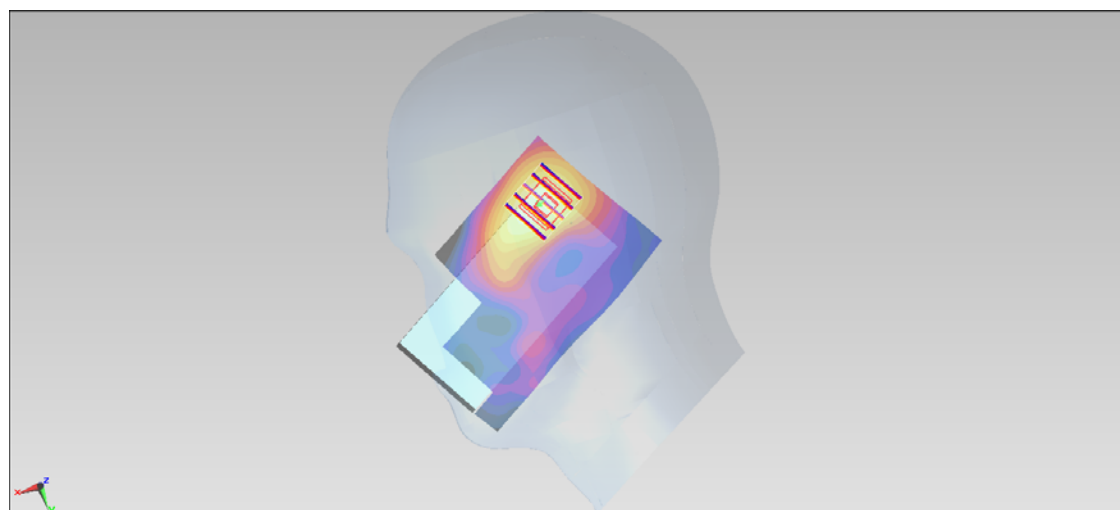
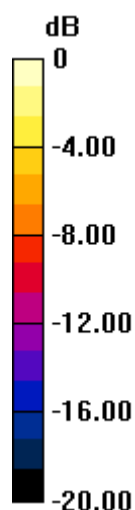
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.342 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.211 mW/g

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.054 mW/g

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



0 dB = 0.112 mW/g = -19.02 dB mW/g

#55_WLAN2.4G_802.11b_Right Cheek_Ch11_2D**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 38.745$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

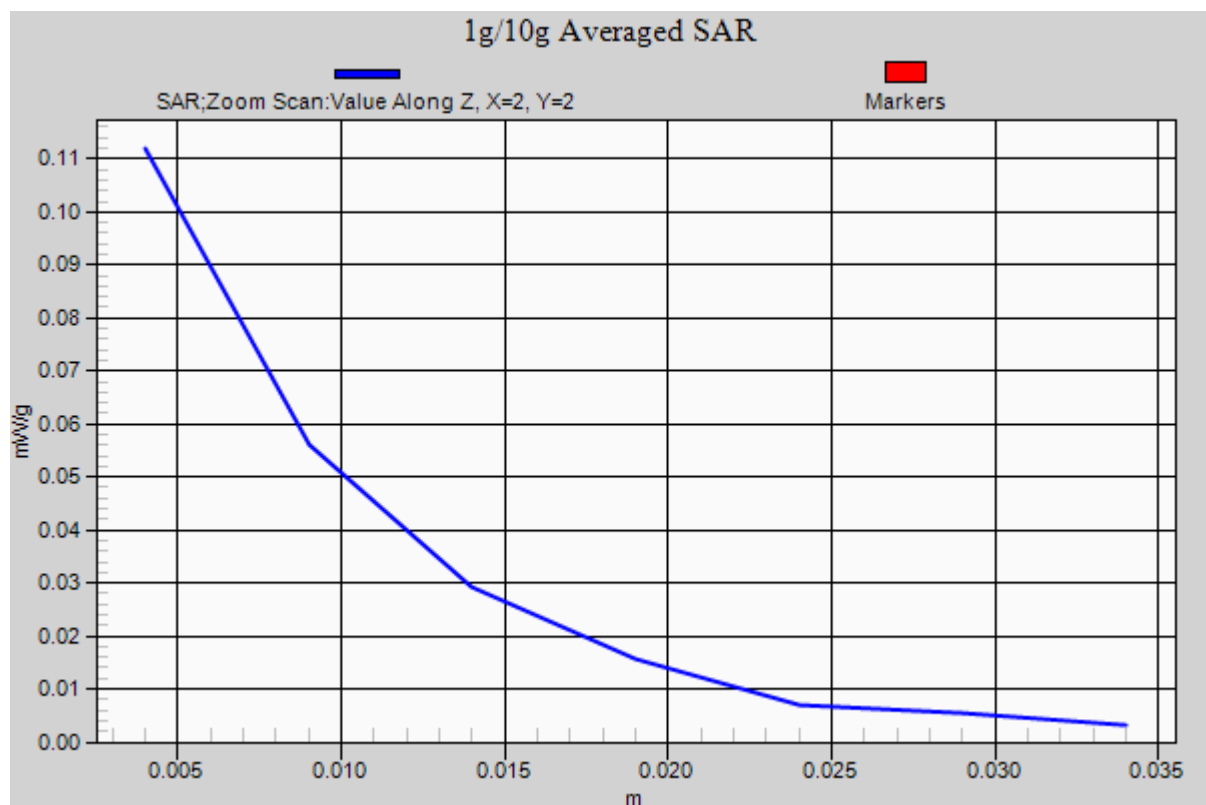
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.342 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.211 mW/g

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.054 mW/g

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



#56_WLAN2.4G_802.11b_Right Tilted_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 38.745$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0828 mW/g

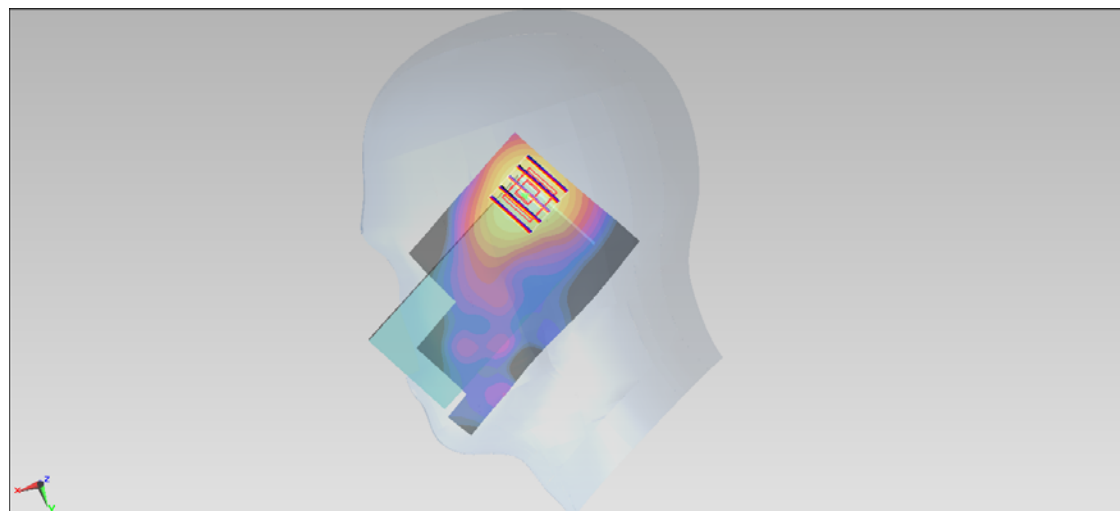
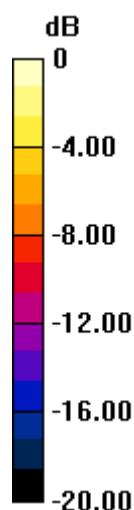
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.410 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.163 mW/g

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.0865 mW/g



0 dB = 0.0865 mW/g = -21.26 dB mW/g

#57_WLAN2.4G_802.11b_Left Cheek_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 38.745$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0821 mW/g

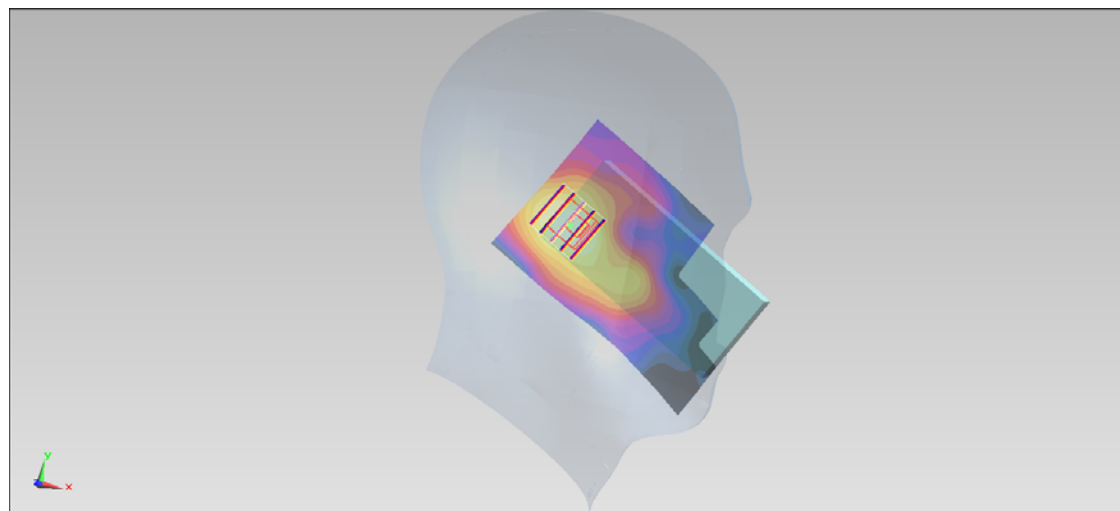
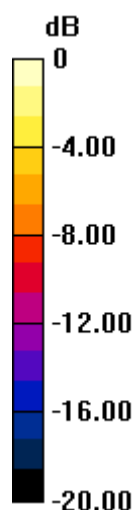
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.625 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.145 mW/g

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.0833 mW/g



0 dB = 0.0833 mW/g = -21.59 dB mW/g

#58_WLAN2.4G_802.11b_Left Tilted_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 38.745$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.7, 6.7, 6.7); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0803 mW/g

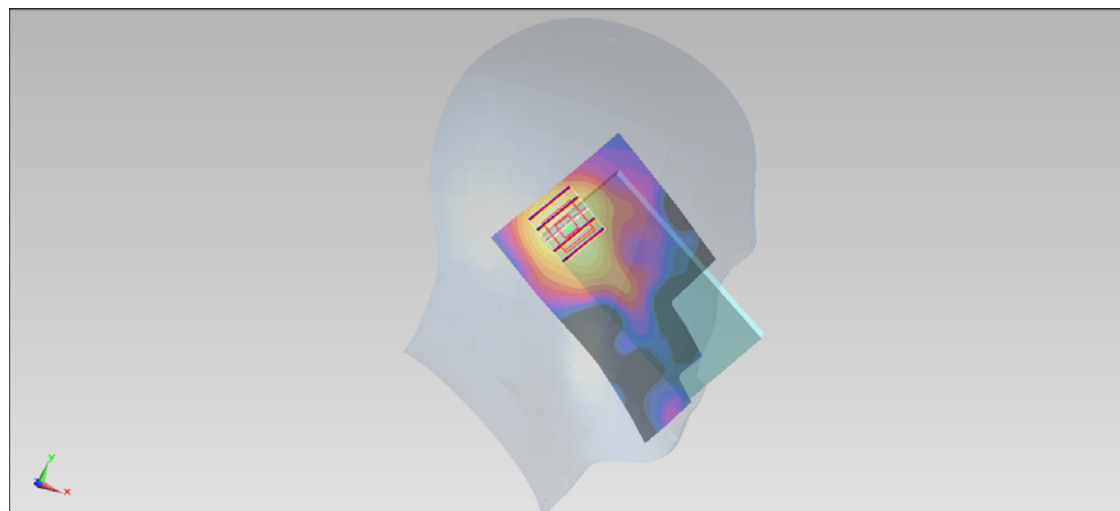
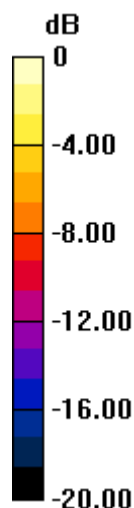
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.707 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.139 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.0796 mW/g



0 dB = 0.0796 mW/g = -21.98 dB mW/g

#66_WLAN5G_802.11a_Right Cheek_Ch36**DUT: 291928**

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

Medium: HSL_5G_121019 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.763$ mho/m; $\epsilon_r = 35.46$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.130 W/kg

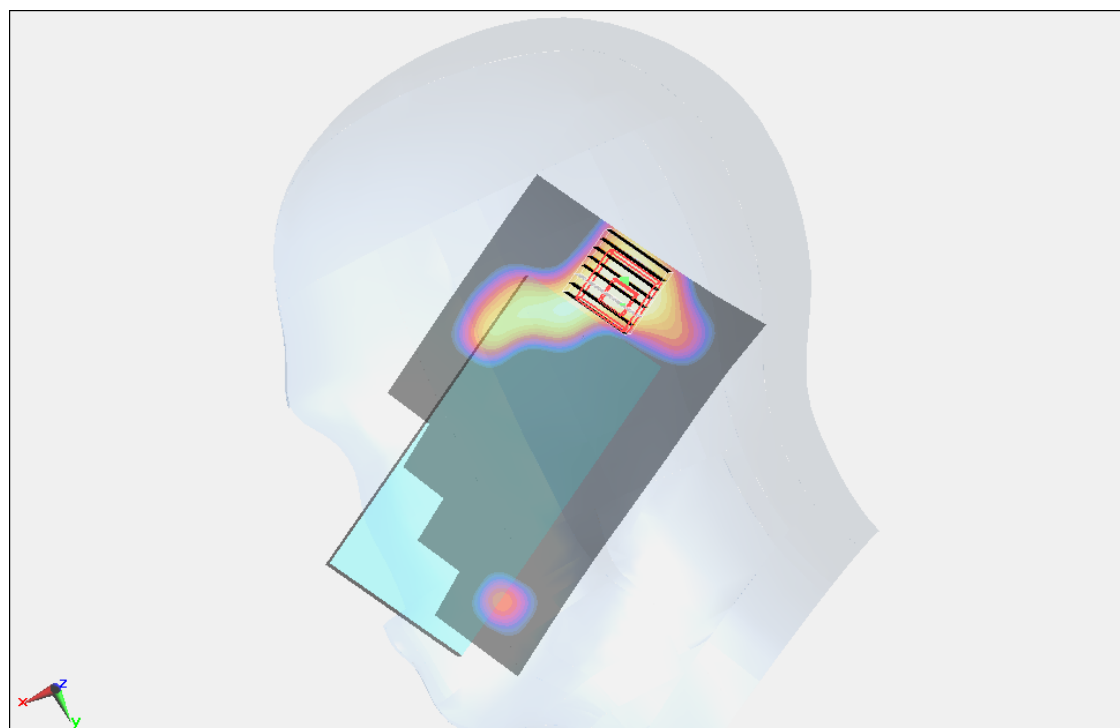
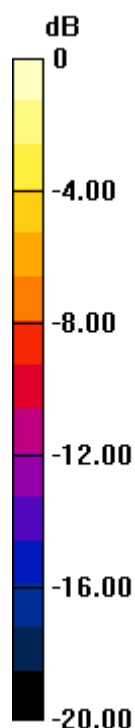
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.389 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.306 mW/g

SAR(1 g) = 0.033 mW/g ; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0751 W/kg



$0 \text{ dB} = 0.0751 \text{ W/kg} = -22.49 \text{ dB W/kg}$

#67_WLAN5G_802.11a_Right Tilted_Ch36**DUT: 291928**

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

Medium: HSL_5G_121019 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.763$ mho/m; $\epsilon_r = 35.46$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.198 W/kg

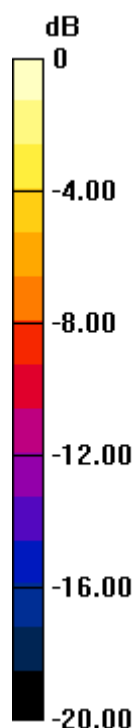
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.676 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.243 mW/g

SAR(1 g) = 0.061 mW/g ; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.138 W/kg



$0 \text{ dB} = 0.138 \text{ W/kg} = -17.20 \text{ dB W/kg}$

#68_WLAN5G_802.11a_Left Cheek_Ch36**DUT: 291928**

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

Medium: HSL_5G_121019 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.763$ mho/m; $\epsilon_r = 35.46$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.145 W/kg

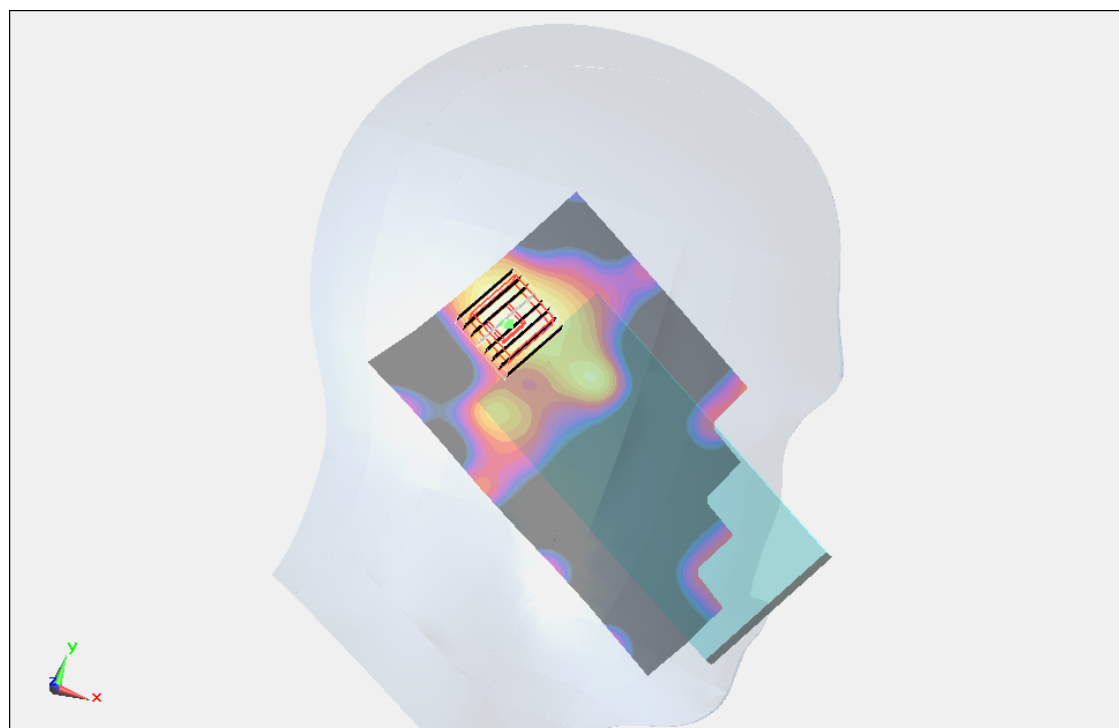
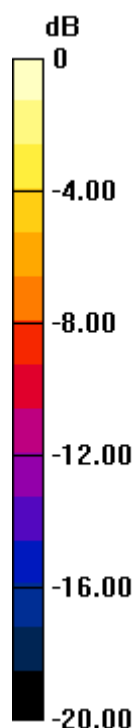
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.585 V/m ; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.234 mW/g

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

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -19.33 dB W/kg

#69_WLAN5G_802.11a_Left Tilted_Ch36**DUT: 291928**

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

Medium: HSL_5G_121019 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.763$ mho/m; $\epsilon_r = 35.46$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.308 W/kg

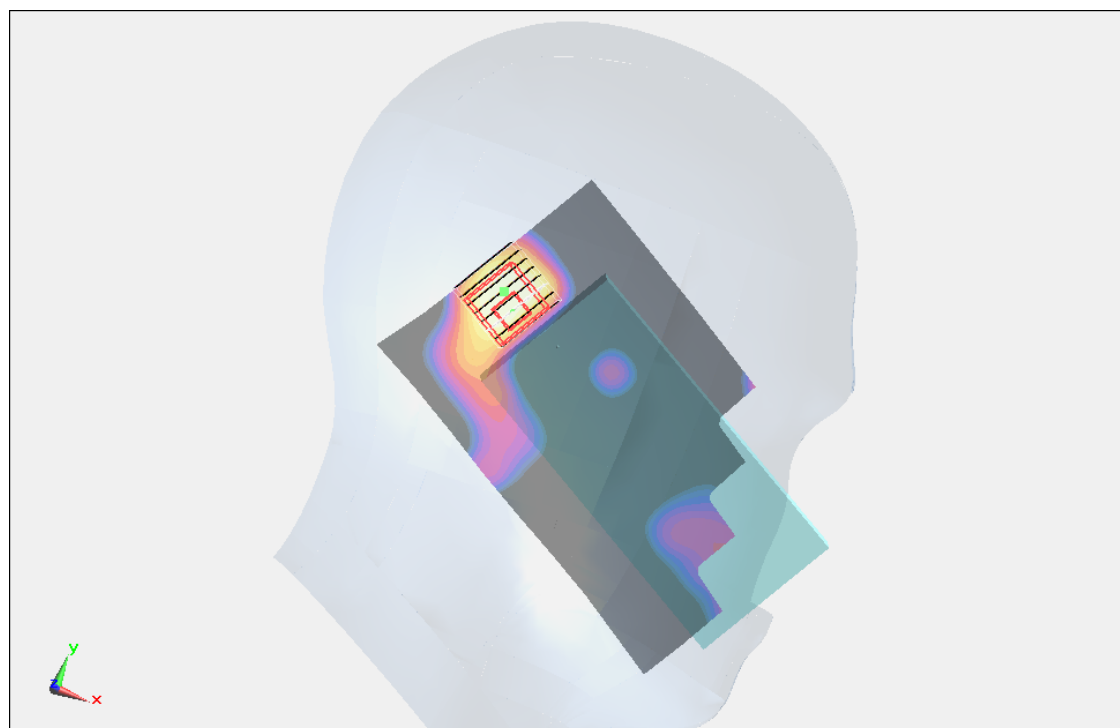
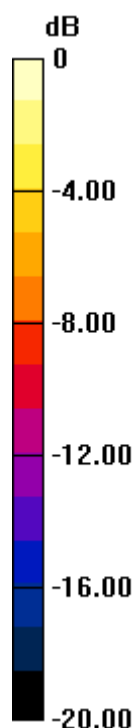
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.074 V/m ; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.088 mW/g ; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -15.04 dB W/kg

#69_WLAN5G_802.11a_Left Tilted_Ch36_2D**DUT: 291928**

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

Medium: HSL_5G_121019 Medium parameters used : $f = 5180$ MHz; $\sigma = 4.763$ mho/m; $\epsilon_r = 35.46$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.308 W/kg

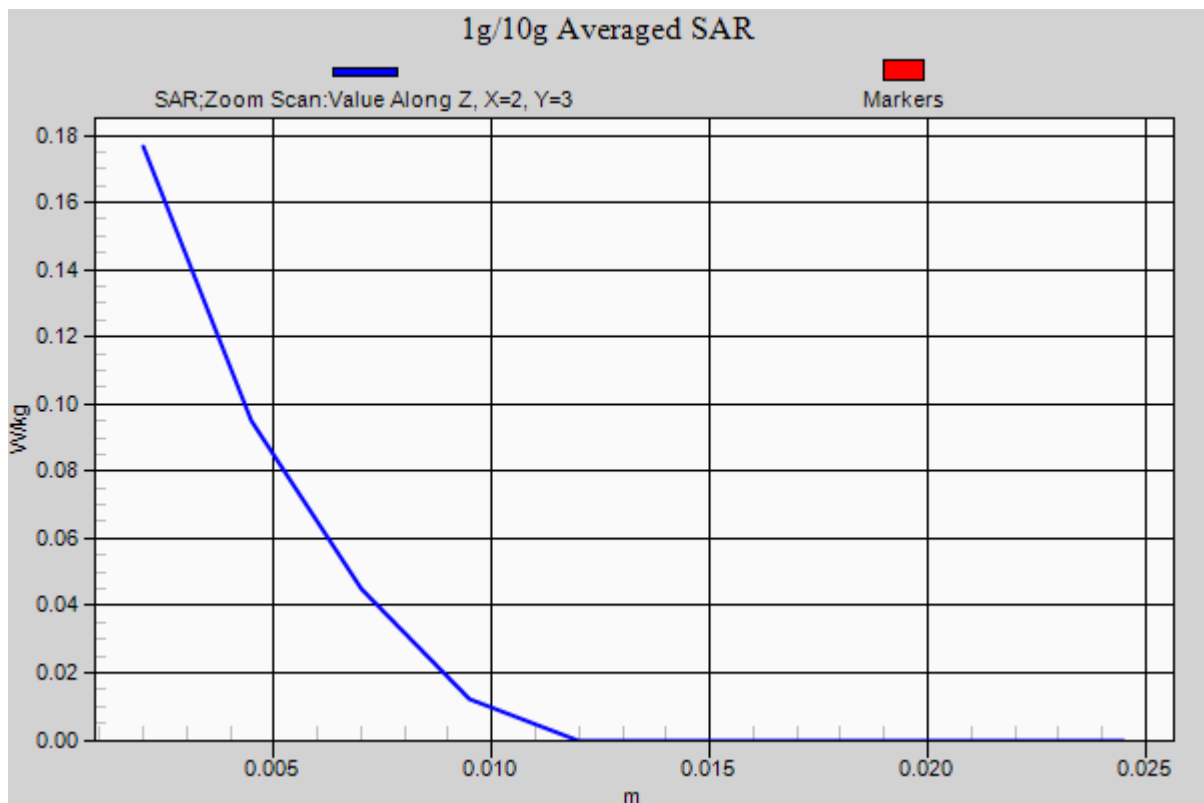
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.074 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.177 W/kg



#70_WLAN5G_802.11a_Right Cheek_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.889$ mho/m; $\epsilon_r = 35.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

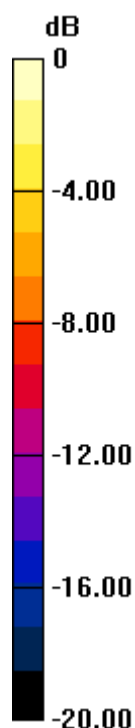
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.557 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.239 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.00946 mW/g

Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -17.39 dB W/kg

#71_WLAN5G_802.11a_Right Tilted_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.889$ mho/m; $\epsilon_r = 35.285$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.155 W/kg

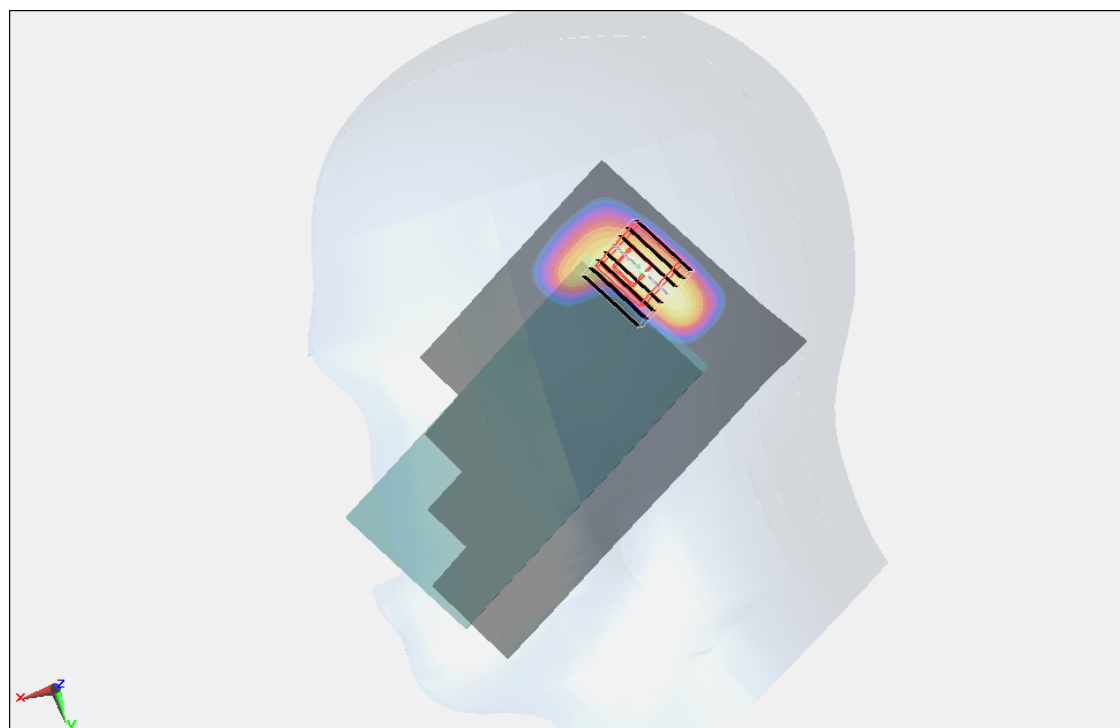
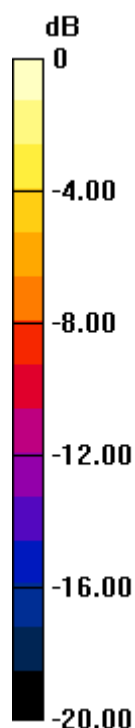
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 2.094 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.205 mW/g

SAR(1 g) = 0.063 mW/g ; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -17.08 dB W/kg

#72_WLAN5G_802.11a_Left Cheek_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.889$ mho/m; $\epsilon_r = 35.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

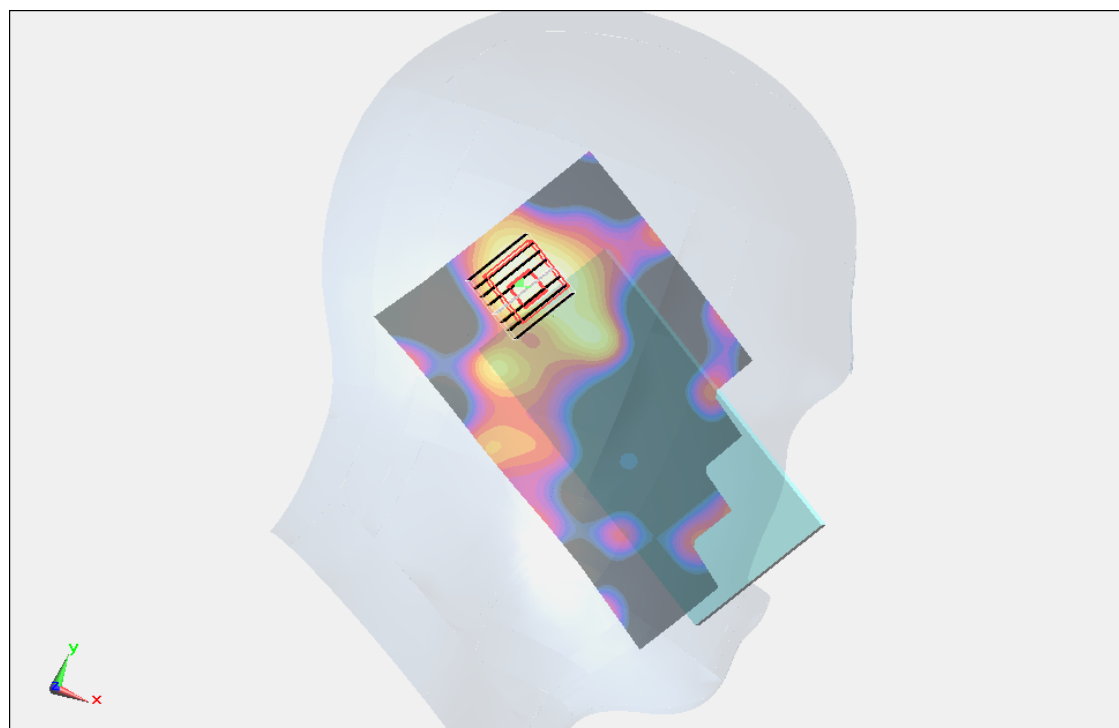
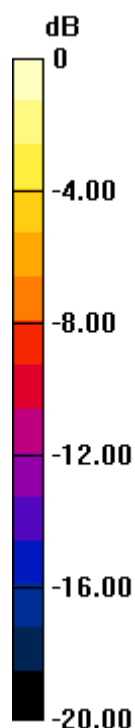
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.528 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.346 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0940 W/kg



0 dB = 0.0940 W/kg = -20.54 dB W/kg

#73_WLAN5G_802.11a_Left Tilted_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.889$ mho/m; $\epsilon_r = 35.285$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

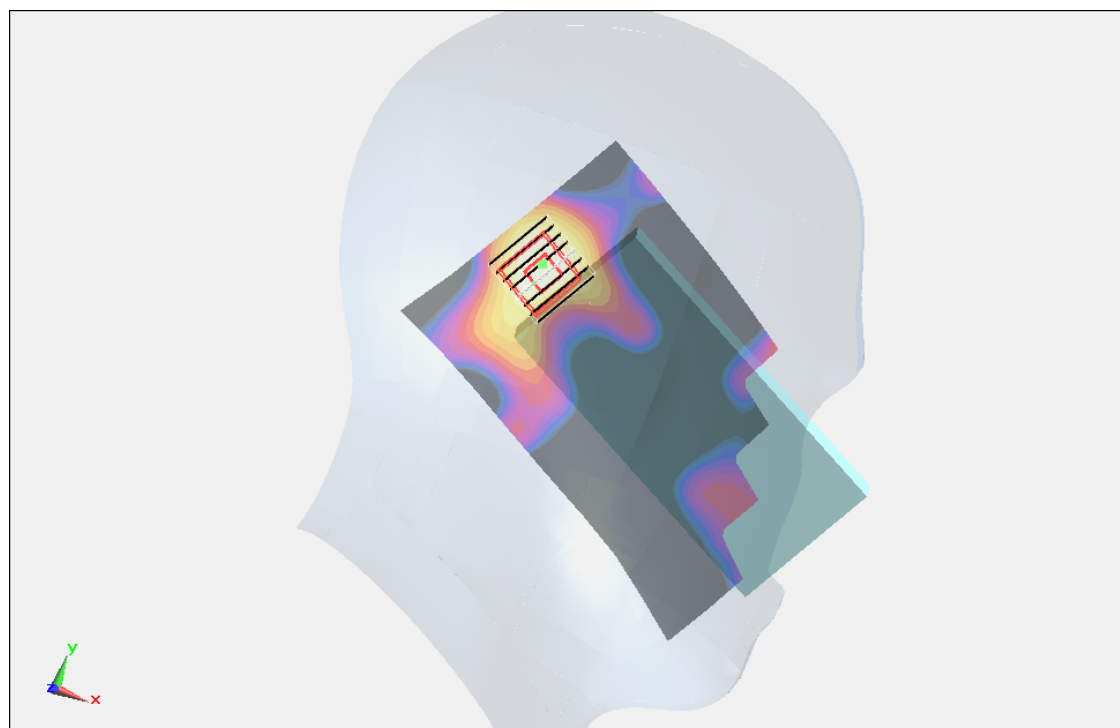
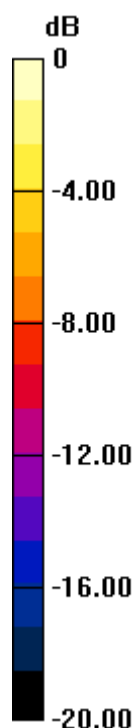
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.004 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -16.25 dB W/kg

#73_WLAN5G_802.11a_Left Tilted_Ch60_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.889$ mho/m; $\epsilon_r = 35.285$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.191 W/kg

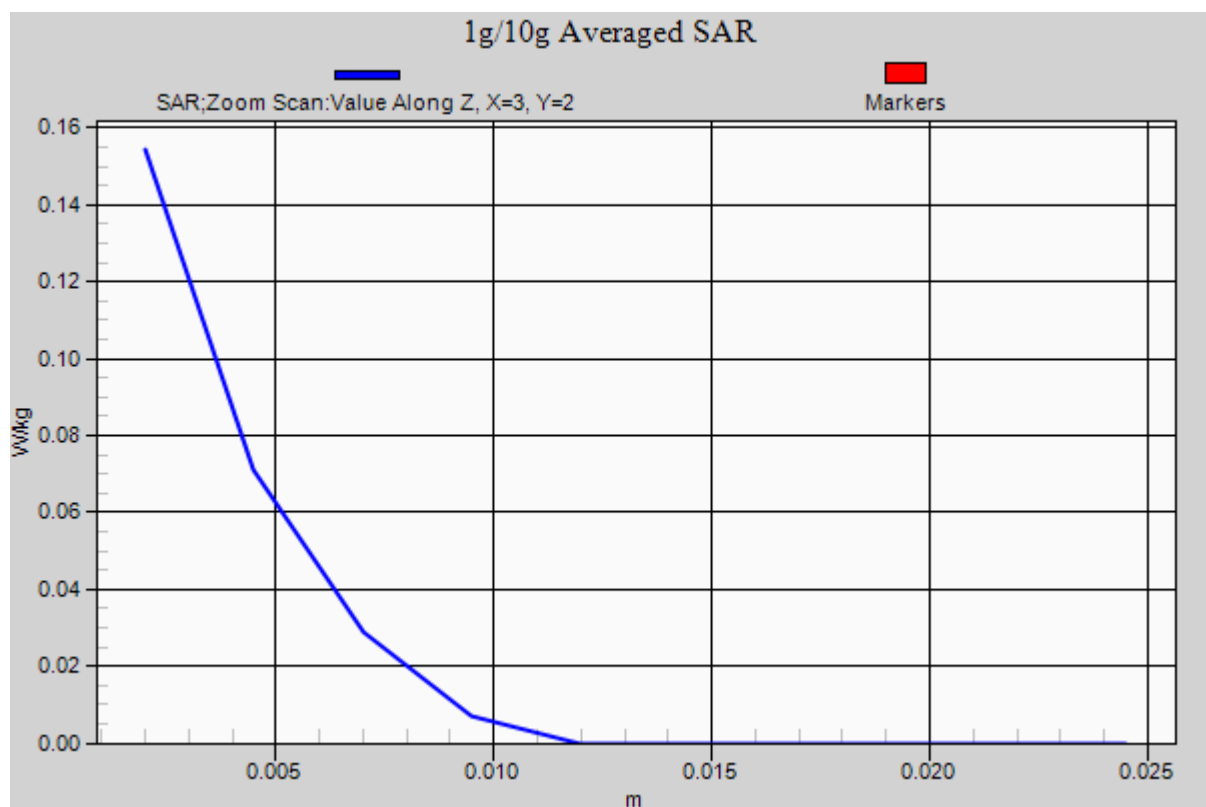
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 2.004 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.071 mW/g ; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.154 W/kg



#74_WLAN5G_802.11a_Right Cheek_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.295$ mho/m; $\epsilon_r = 34.517$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.239 W/kg

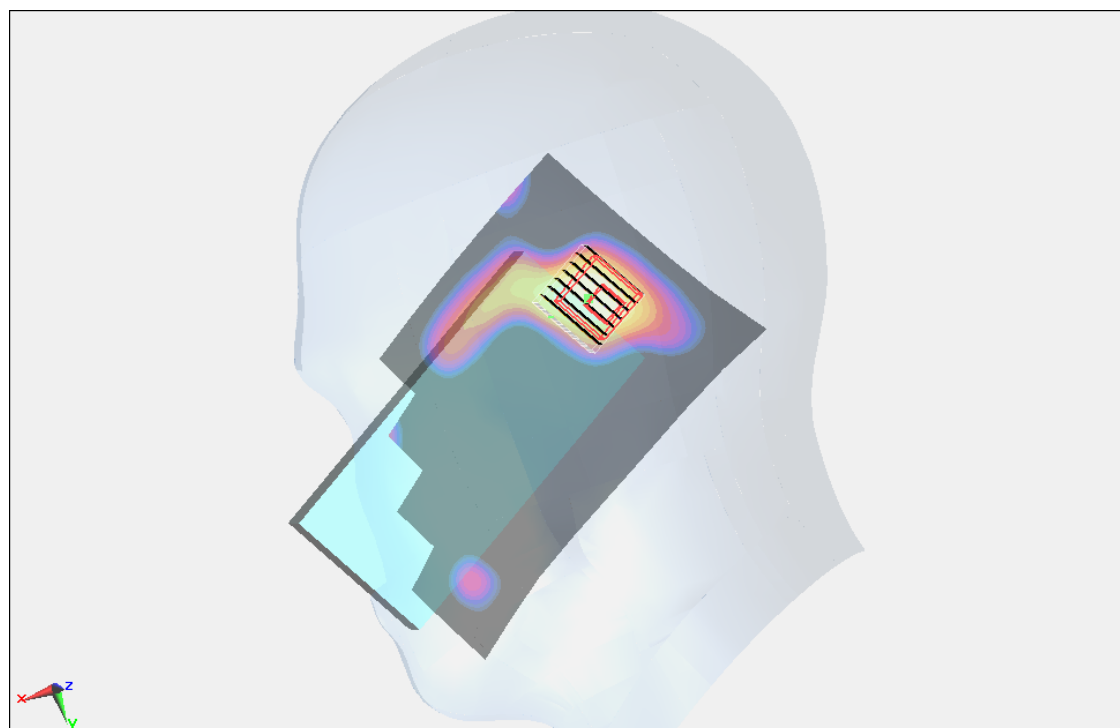
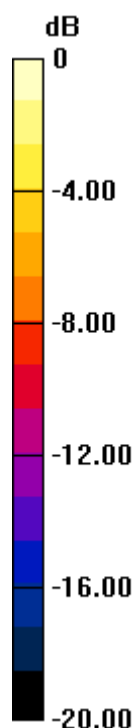
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.884 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.361 mW/g

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -17.99 dB W/kg

#75_WLAN5G_802.11a_Right Tilted_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.295$ mho/m; $\epsilon_r = 34.517$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.210 W/kg

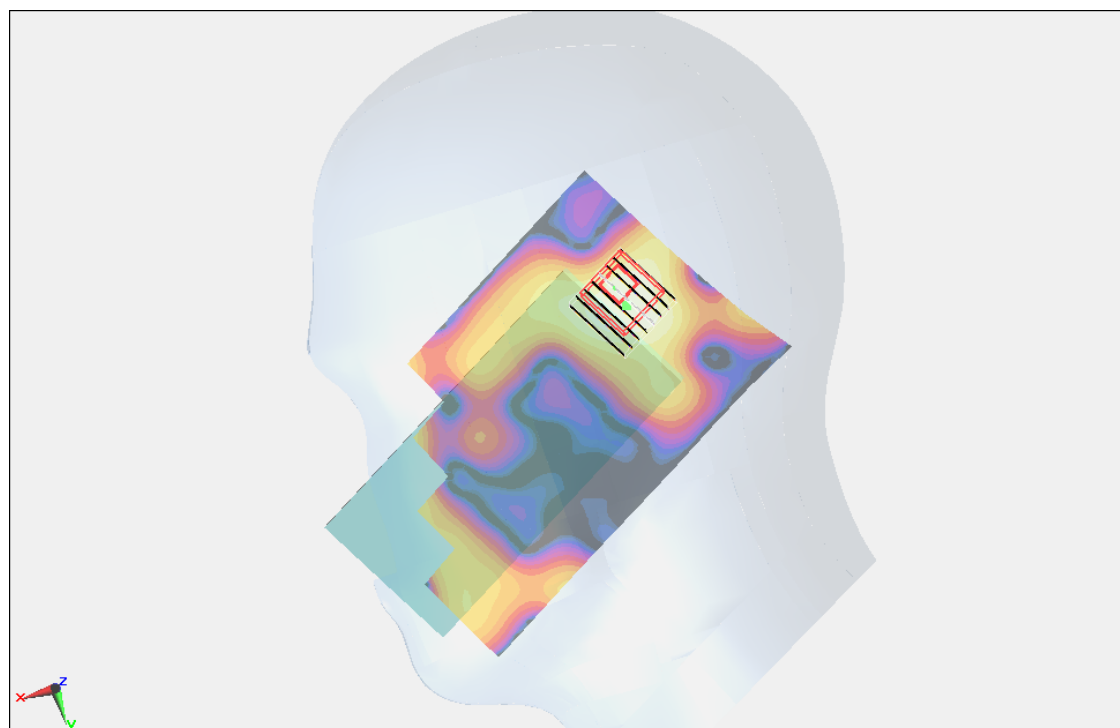
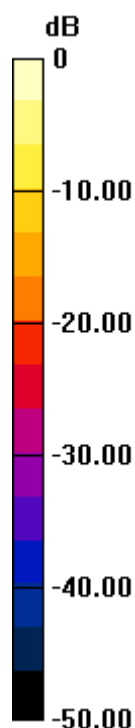
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 2.112 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.361 mW/g

SAR(1 g) = 0.063 mW/g ; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -16.36 dB W/kg

#76_WLAN5G_802.11a_Left Cheek_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.295$ mho/m; $\epsilon_r = 34.517$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

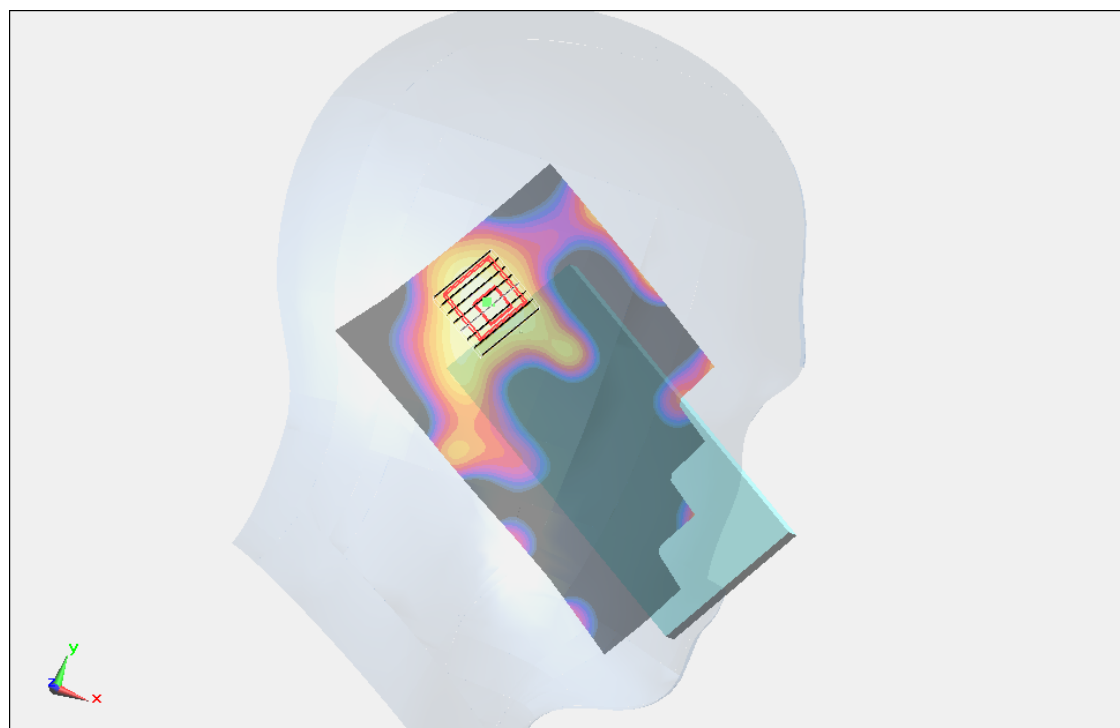
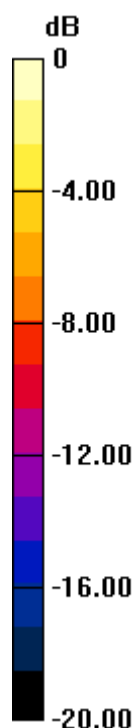
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.847 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.335 mW/g

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -19.83 dB W/kg

#77_WLAN5G_802.11a_Left Tilted_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.295$ mho/m; $\epsilon_r = 34.517$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

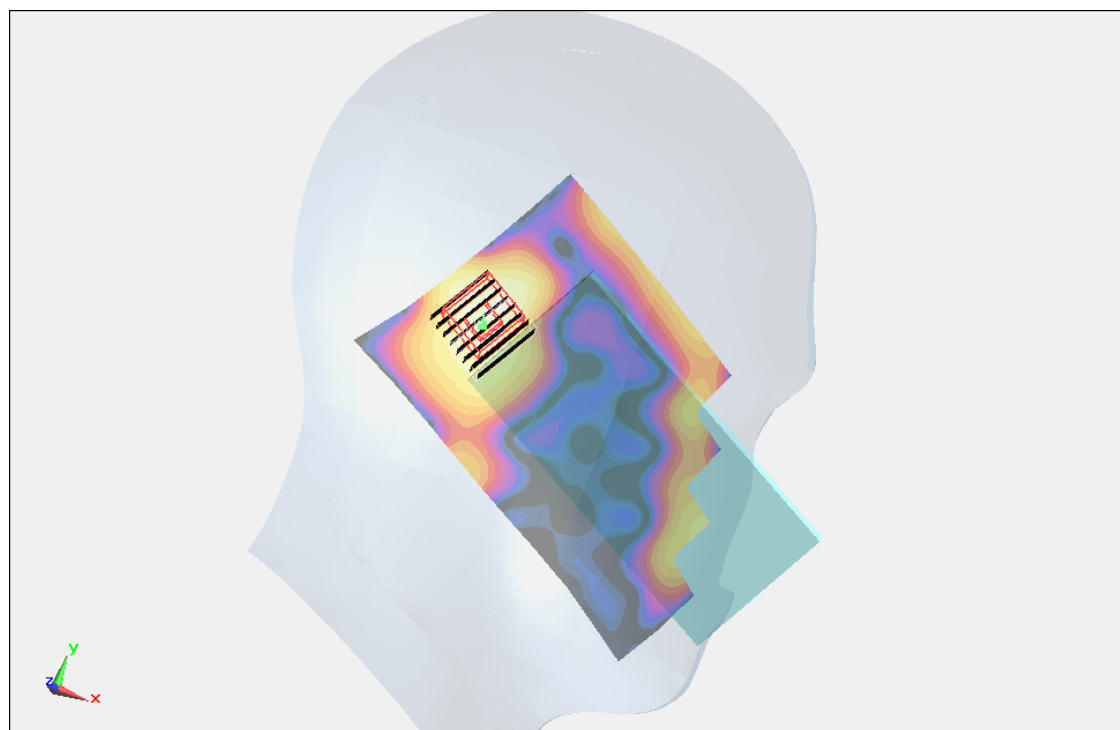
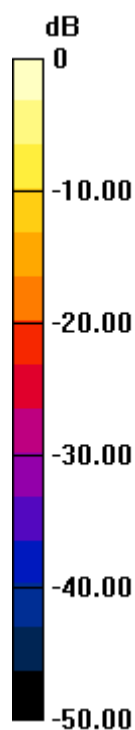
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.868 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -14.33 dB W/kg

#77_WLAN5G_802.11a_Left Tilted_Ch140_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.295$ mho/m; $\epsilon_r = 34.517$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.176 W/kg

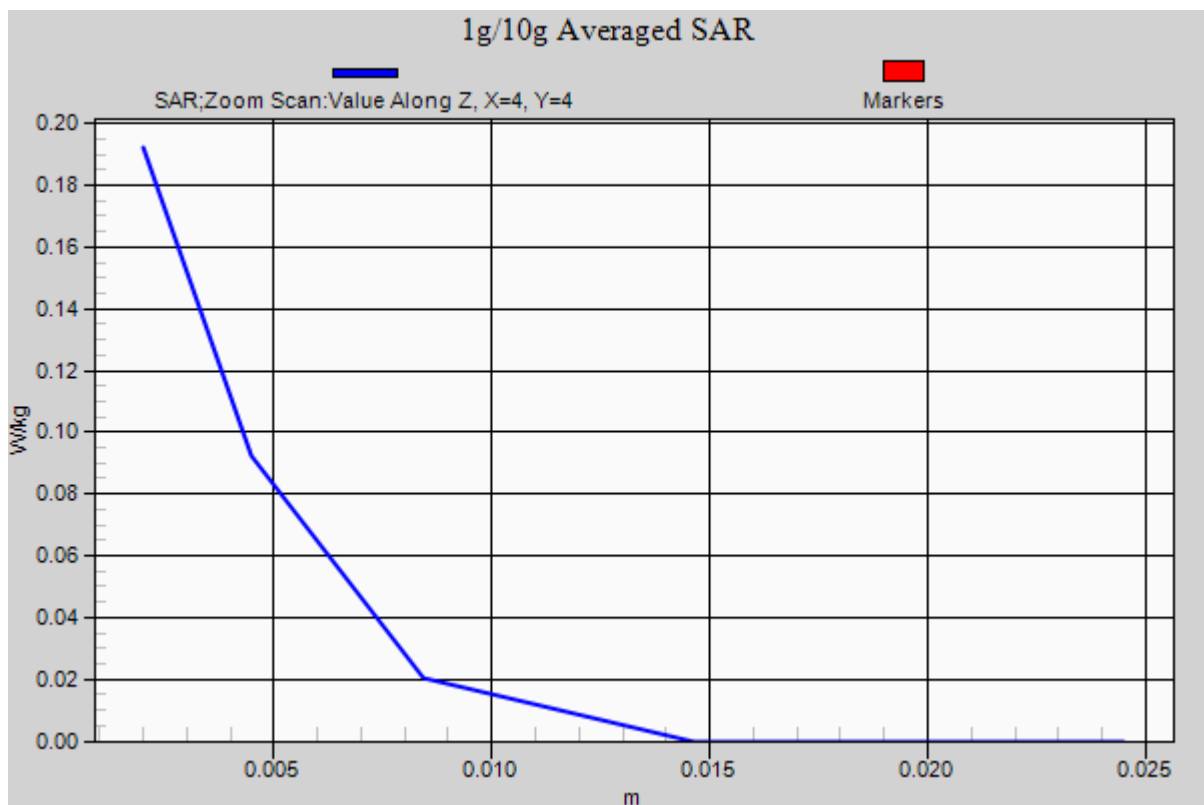
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.868 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.192 W/kg



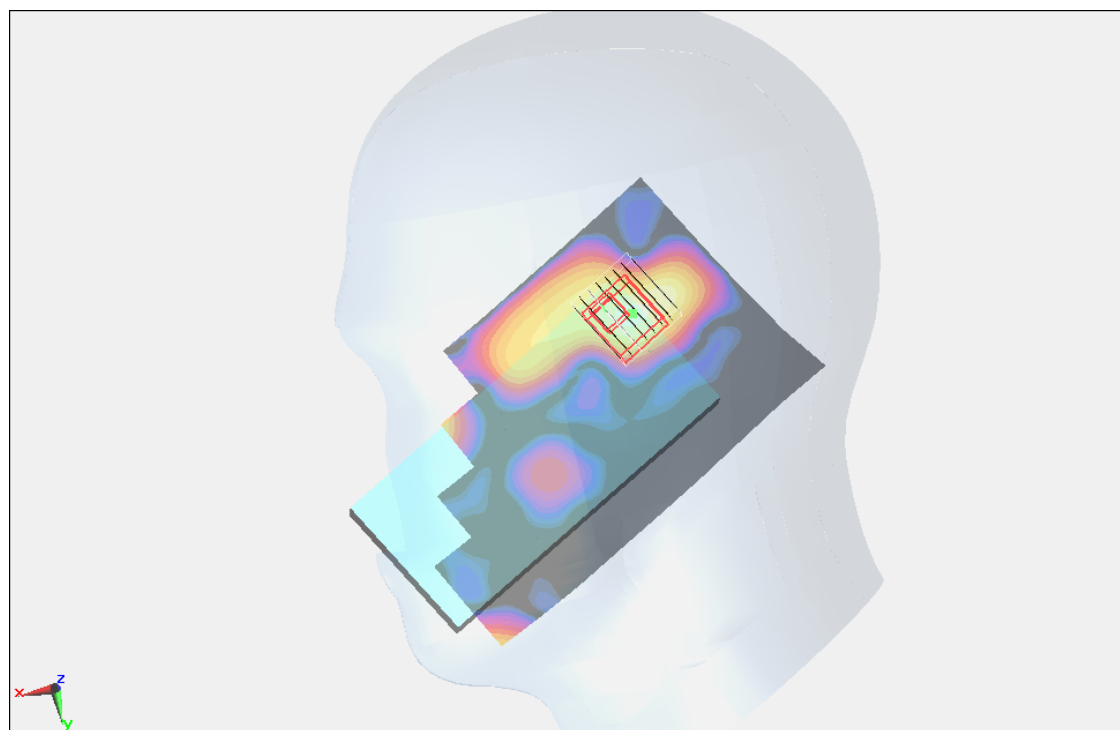
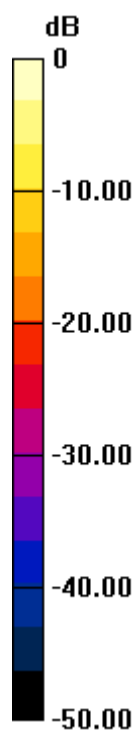
#78_WLAN5G_802.11a_Right Cheek_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.378$ mho/m; $\epsilon_r = 34.402$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mmMaximum value of SAR (interpolated) = 0.122 W/kg **Ch157/Zoom Scan (8x8x5)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mmReference Value = 2.242 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 0.409 mW/g **SAR(1 g) = 0.061 mW/g ; SAR(10 g) = 0.014 mW/g** Maximum value of SAR (measured) = 0.185 W/kg  $0 \text{ dB} = 0.185 \text{ W/kg} = -14.66 \text{ dB W/kg}$

#79_WLAN5G_802.11a_Right Tilted_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.378$ mho/m; $\epsilon_r = 34.402$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x181x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

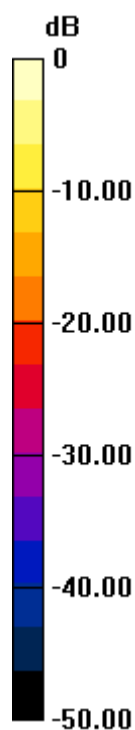
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.091 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.424 mW/g

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -18.42 dB W/kg

#80_WLAN5G_802.11a_Left Cheek_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.378$ mho/m; $\epsilon_r = 34.402$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x181x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0726 W/kg

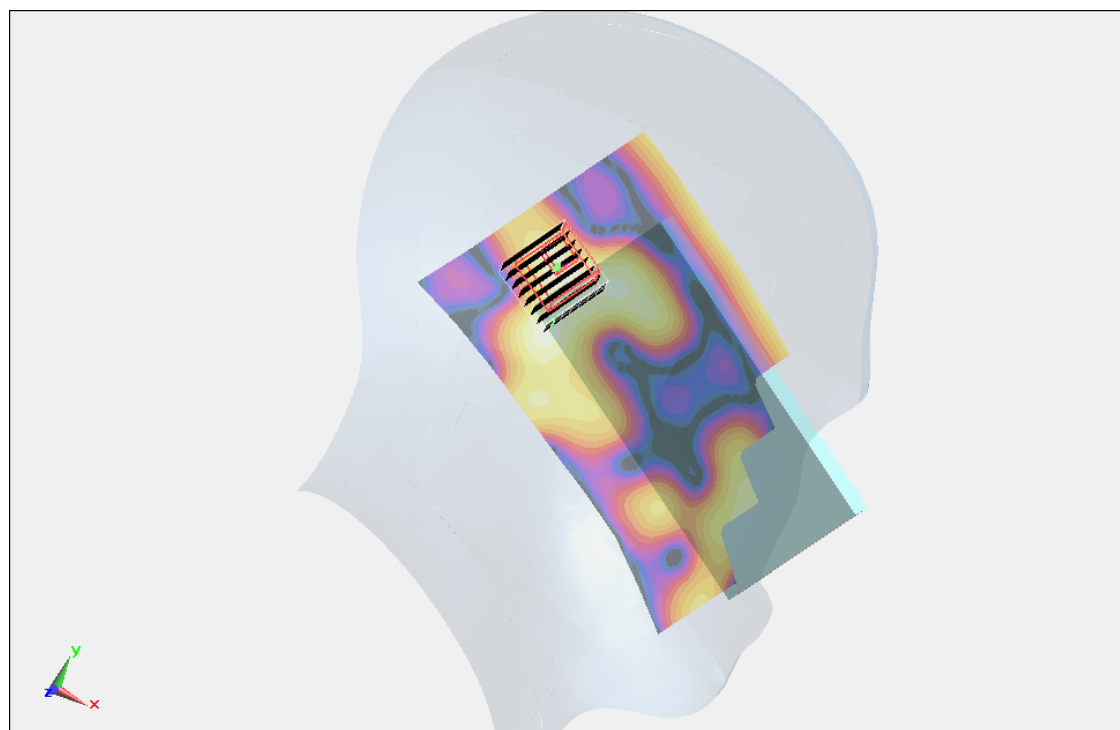
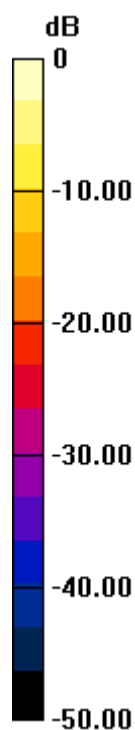
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.907 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.392 mW/g

SAR(1 g) = 0.036 mW/g ; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.0861 W/kg



0 dB = 0.0861 W/kg = -21.30 dB W/kg

#81_WLAN5G_802.11a_Left Tilted_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.378$ mho/m; $\epsilon_r = 34.402$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x181x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.145 W/kg

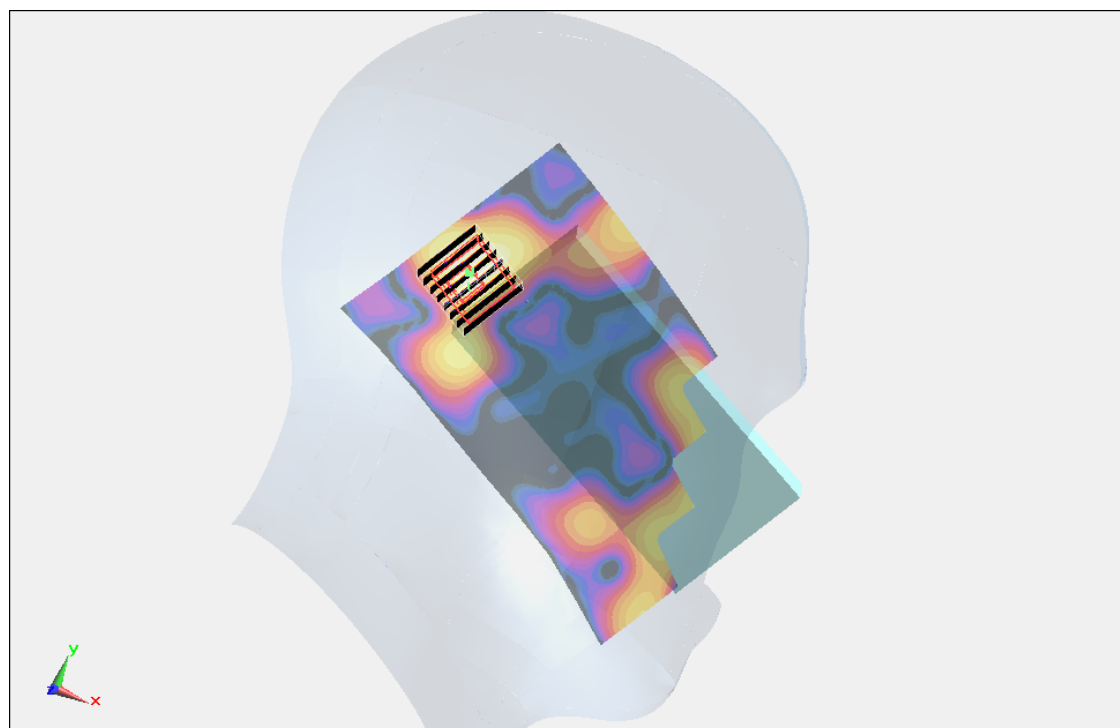
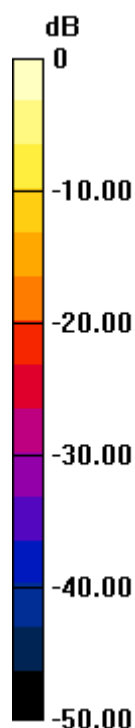
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.666 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.302 mW/g

SAR(1 g) = 0.065 mW/g ; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.148 W/kg



$0 \text{ dB} = 0.148 \text{ W/kg} = -16.59 \text{ dB W/kg}$

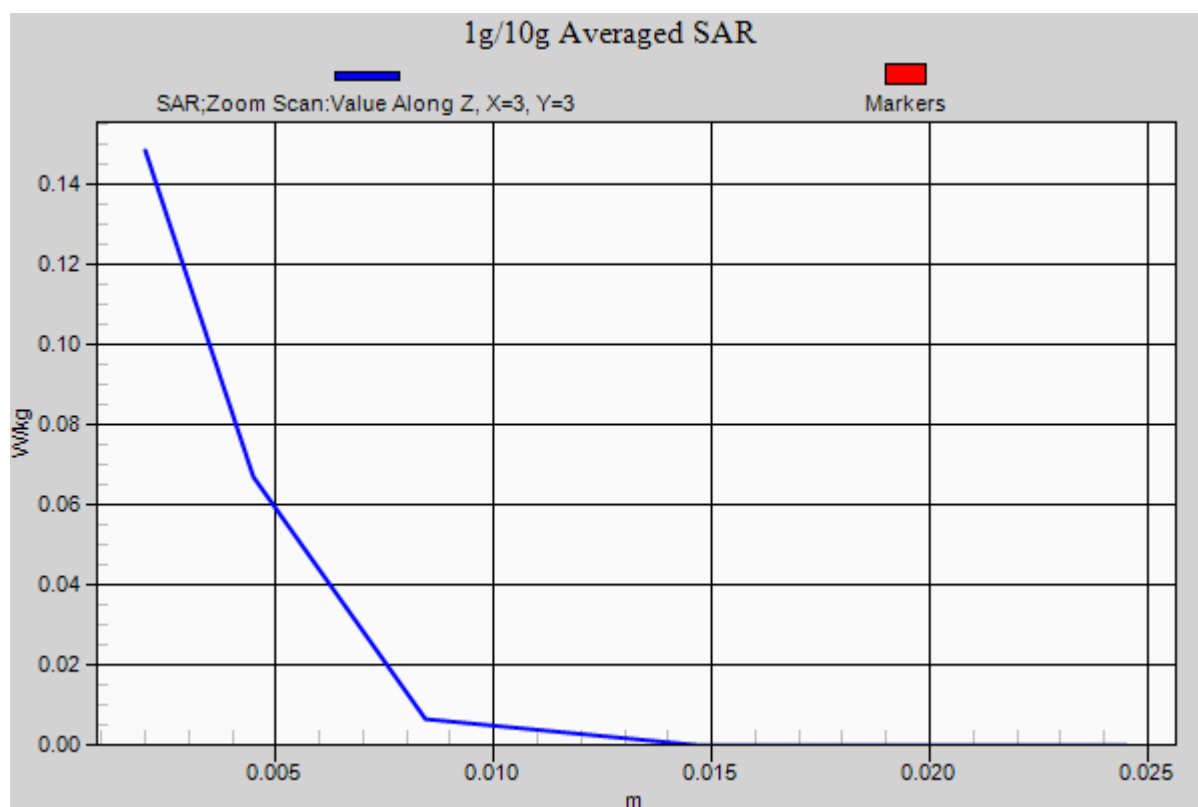
#81_WLAN5G_802.11a_Left Tilted_Ch157_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.378$ mho/m; $\epsilon_r = 34.402$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mmMaximum value of SAR (interpolated) = 0.145 W/kg **Ch157/Zoom Scan (8x8x5)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mmReference Value = 0.666 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 0.302 mW/g **SAR(1 g) = 0.065 mW/g ; SAR(10 g) = 0.021 mW/g** Maximum value of SAR (measured) = 0.148 W/kg 

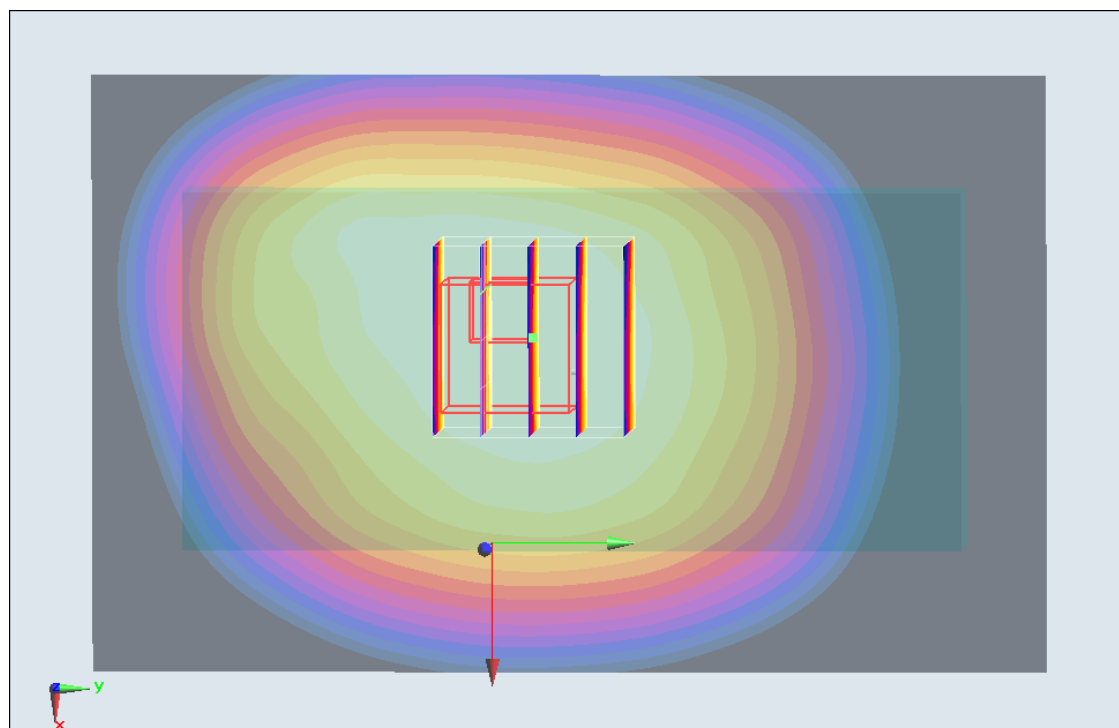
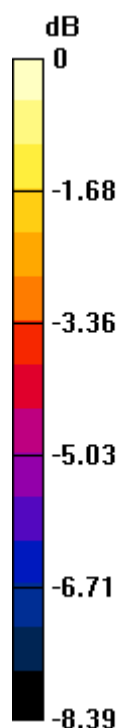
#31_GSM 850_GPRS (2 Tx slost)_Front_1cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.423 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 20.765 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.499 mW/g **SAR(1 g) = 0.396 mW/g ; SAR(10 g) = 0.306 mW/g** Maximum value of SAR (measured) = 0.413 W/kg  $0 \text{ dB} = 0.413 \text{ W/kg} = -7.68 \text{ dB W/kg}$

#32_GSM 850_GPRS (2 Tx slost)_Back_1cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.427 W/kg

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

Reference Value = 19.548 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.562 mW/g

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.434 W/kg

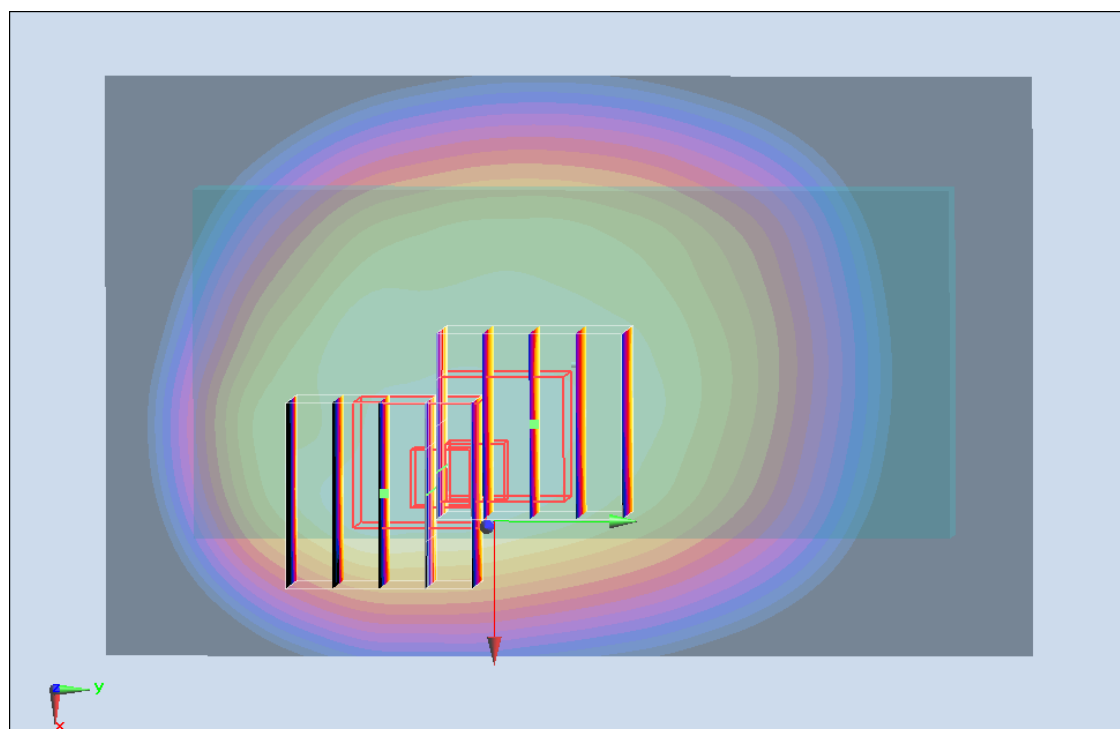
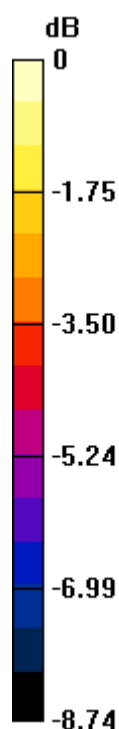
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.548 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.544 mW/g

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -7.31 dB W/kg

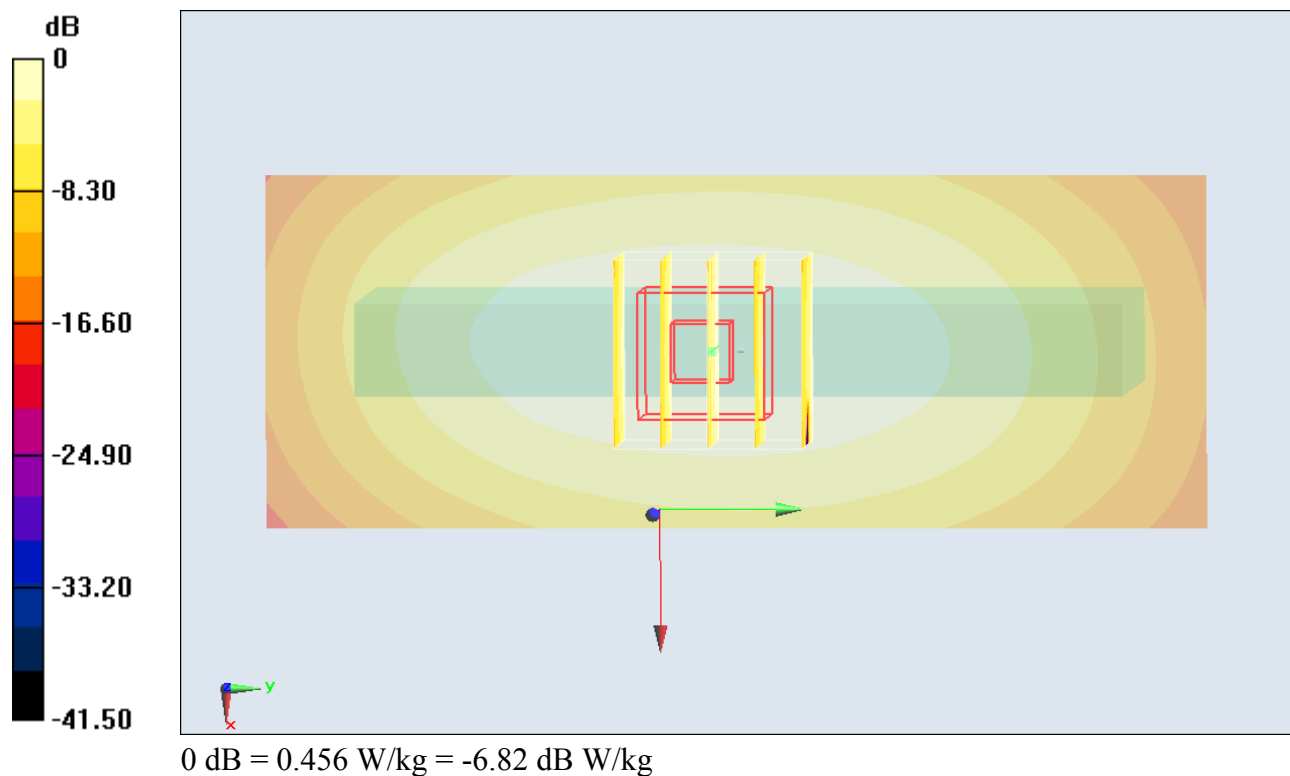
#33_GSM 850_GPRS (2 Tx slost)_Left Side_1cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (31x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.446 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 21.981 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 0.608 mW/g **SAR(1 g) = 0.426 mW/g ; SAR(10 g) = 0.291 mW/g** Maximum value of SAR (measured) = 0.456 W/kg 

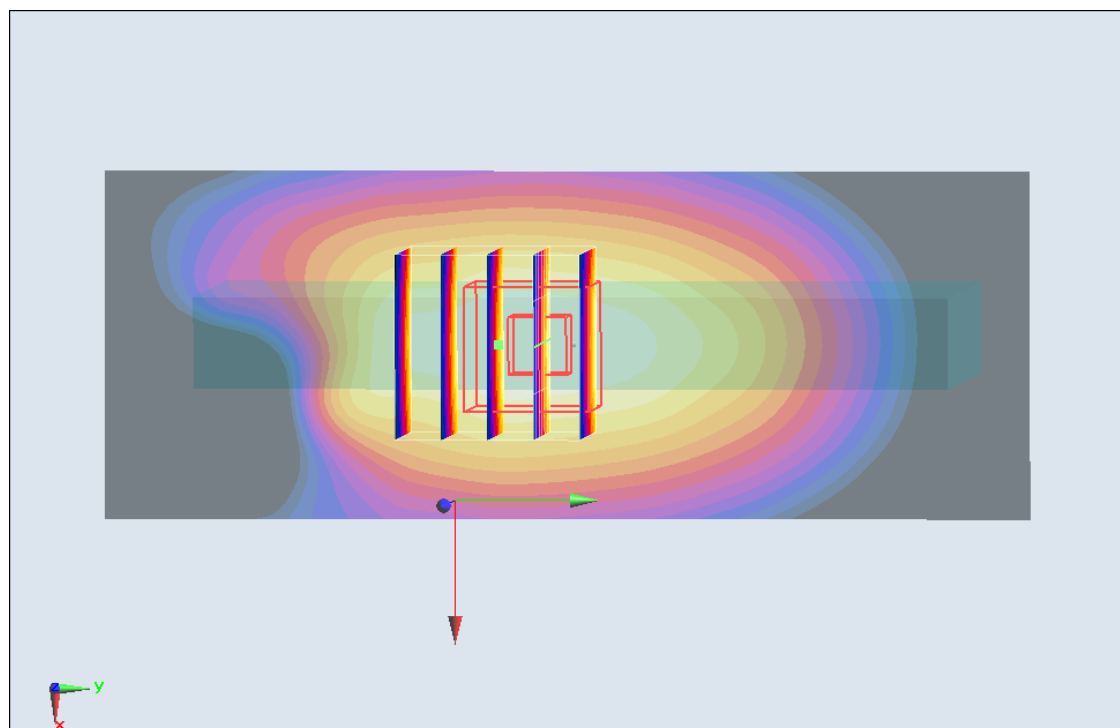
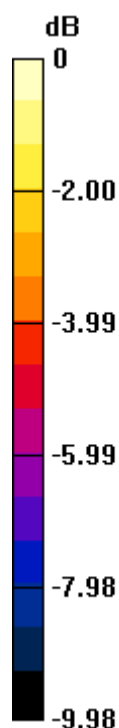
#34_GSM 850_GPRS (2 Tx slost)_Right Side_1cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (31x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.408 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 20.186 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.506 mW/g **SAR(1 g) = 0.362 mW/g ; SAR(10 g) = 0.248 mW/g** Maximum value of SAR (measured) = 0.387 W/kg  $0 \text{ dB} = 0.387 \text{ W/kg} = -8.25 \text{ dB W/kg}$

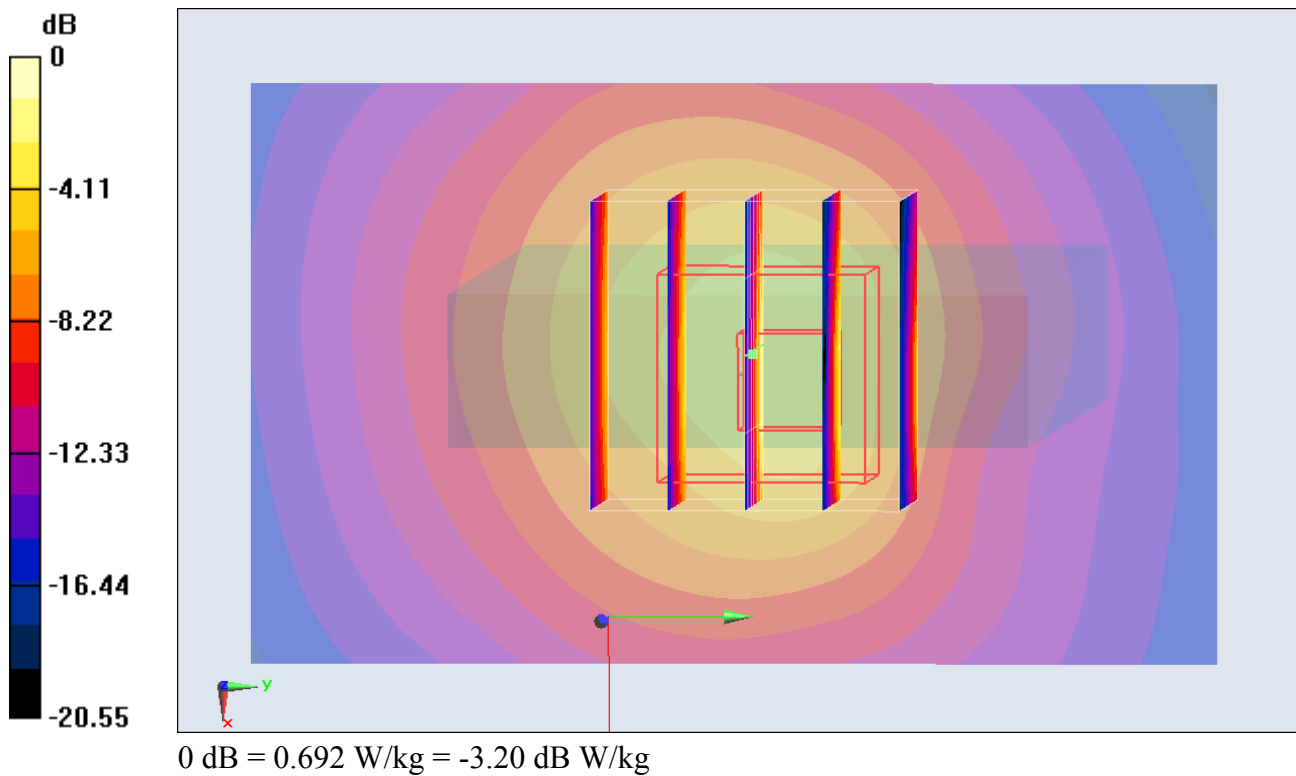
#35_GSM 850_GPRS (2 Tx slost)_Bottom Side_1cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (31x51x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.366 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 25.886 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 2.287 mW/g **SAR(1 g) = 0.679 mW/g ; SAR(10 g) = 0.251 mW/g** Maximum value of SAR (measured) = 0.692 W/kg 

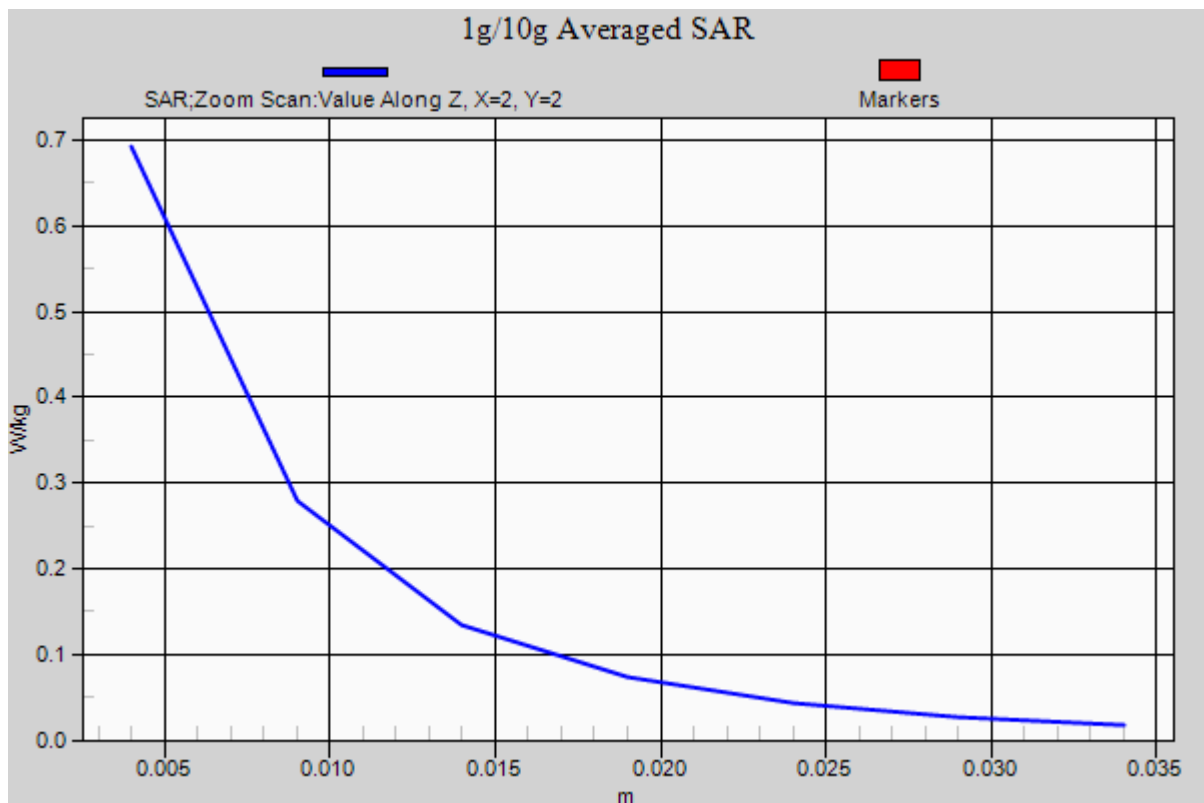
#35_GSM 850_GPRS (2 Tx slost)_Bottom Side_1cm_Ch251_2D**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (31x51x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.366 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 25.886 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 2.287 mW/g **SAR(1 g) = 0.679 mW/g ; SAR(10 g) = 0.251 mW/g** Maximum value of SAR (measured) = 0.692 W/kg 

#98_GSM 850_DTM Multi-slot class 5_Front_1.5cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121027 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.358$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$

Maximum value of SAR (interpolated) = 0.352 W/kg

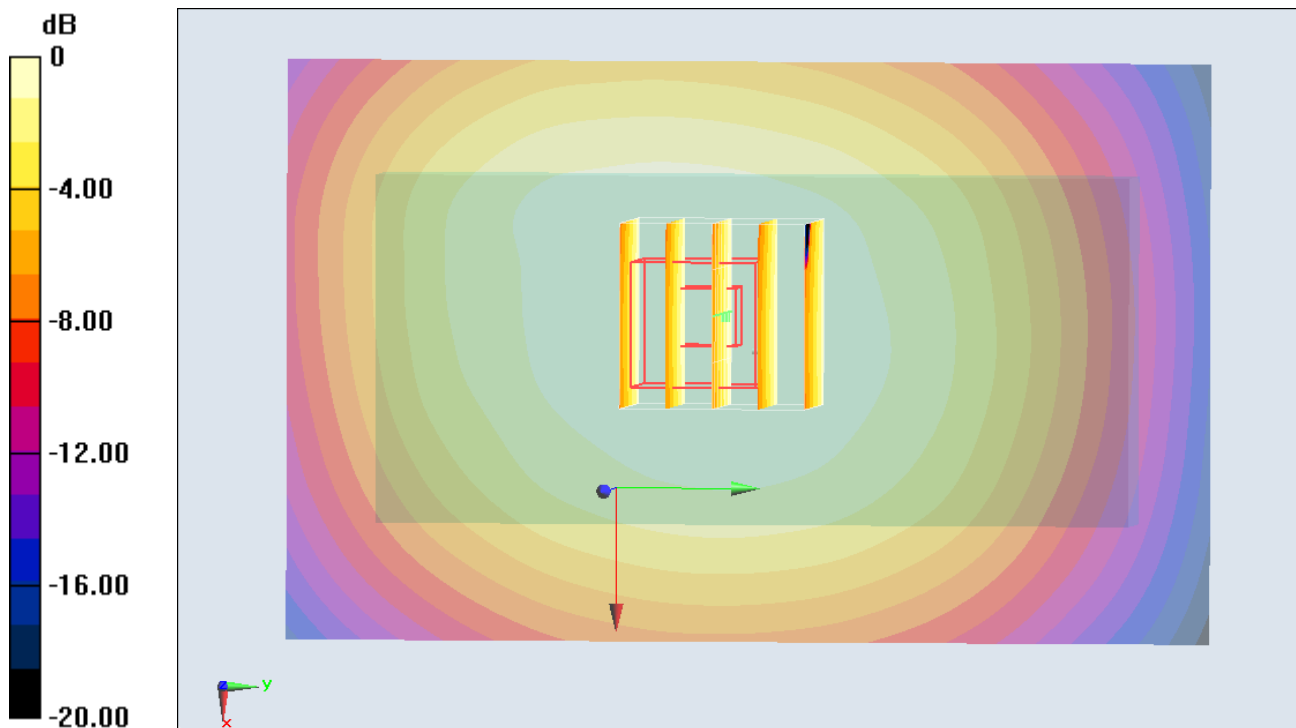
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.059 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.418 mW/g

SAR(1 g) = 0.322 mW/g ; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -9.22 dB W/kg

#99_GSM 850_DTM Multi-slot class 5_Back_1.5cm_Ch251**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121027 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.358$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$

Maximum value of SAR (interpolated) = 0.338 W/kg

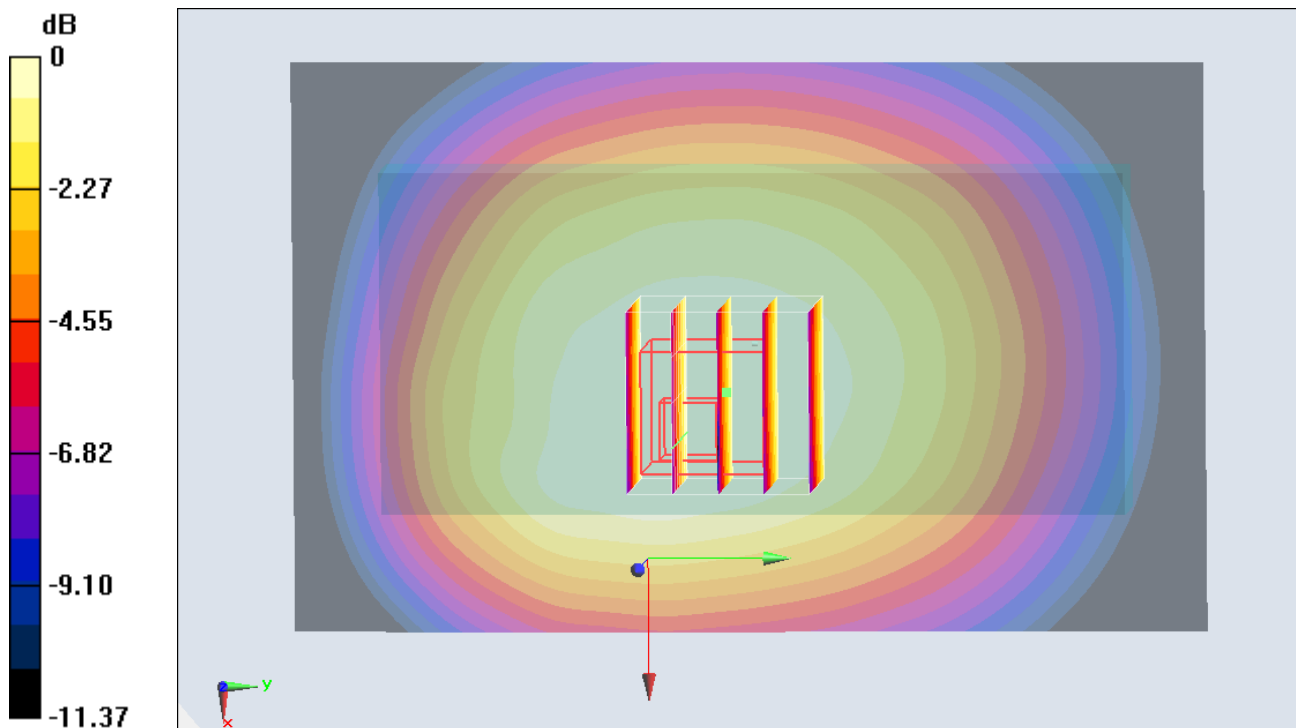
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.362 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.334 mW/g ; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -9.37 dB W/kg

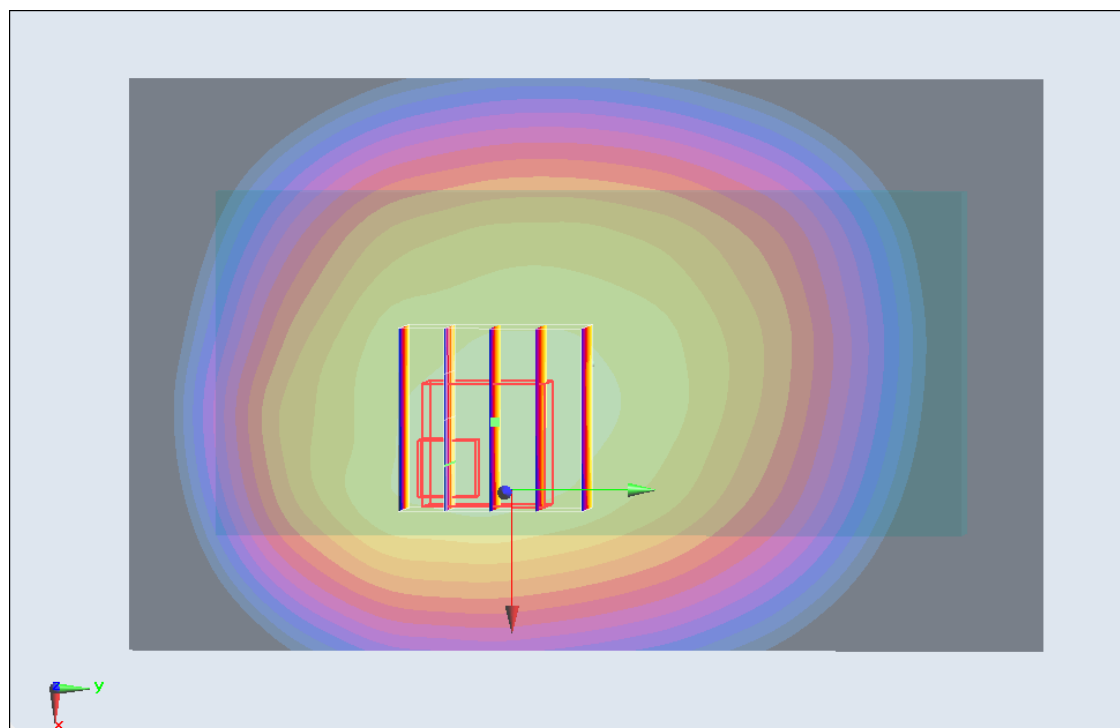
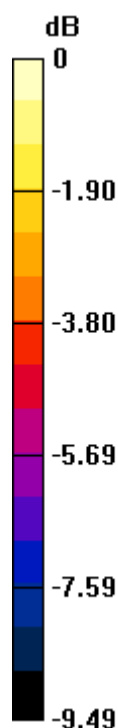
#100_GSM 850_ DTM Multi-slot class 5_Back_1.5cm_Ch251;Headset**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121027 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.358$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.249 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.438 V/m ; Power Drift = 0.149 dB Peak SAR (extrapolated) = 0.406 mW/g **SAR(1 g) = 0.289 mW/g ; SAR(10 g) = 0.209 mW/g** Maximum value of SAR (measured) = 0.307 W/kg 0 dB = 0.307 W/kg

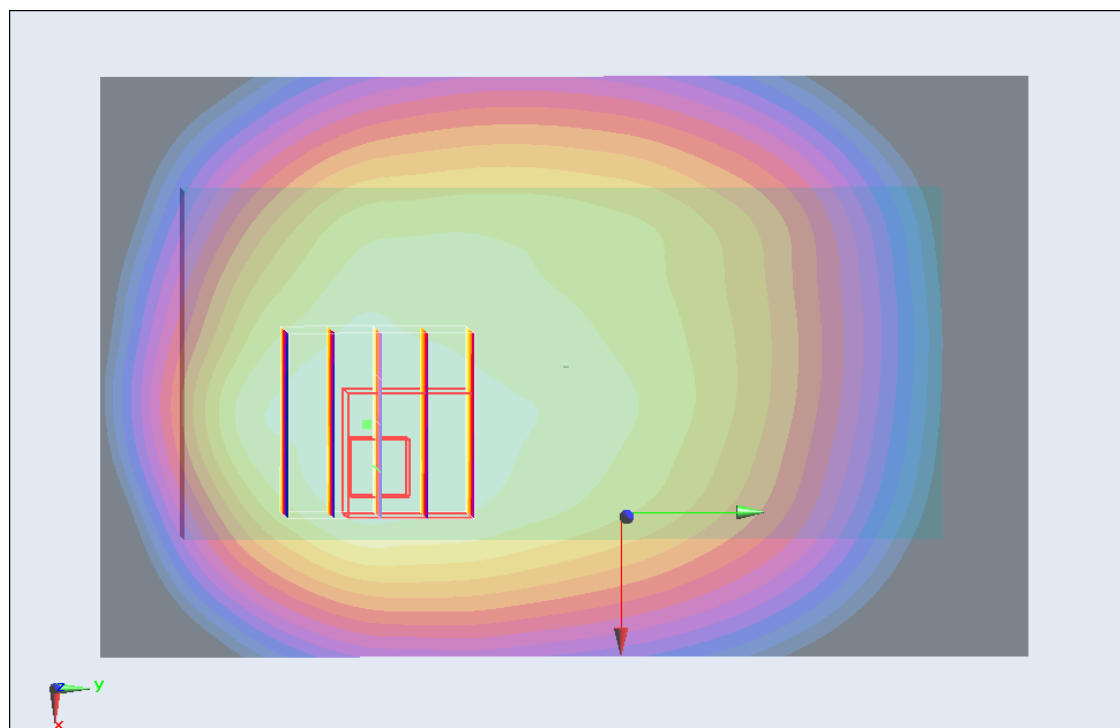
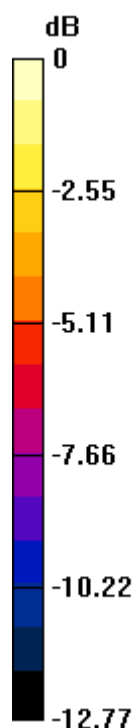
#36_GSM 850_ DTM Multi-slot class 5_Back_1cm_Ch251;Headset**DUT: 291928**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121017 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.382 W/kg **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 17.632 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.561 mW/g **SAR(1 g) = 0.364 mW/g ; SAR(10 g) = 0.247 mW/g** Maximum value of SAR (measured) = 0.393 W/kg  $0 \text{ dB} = 0.393 \text{ W/kg} = -8.11 \text{ dB W/kg}$

#09_GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

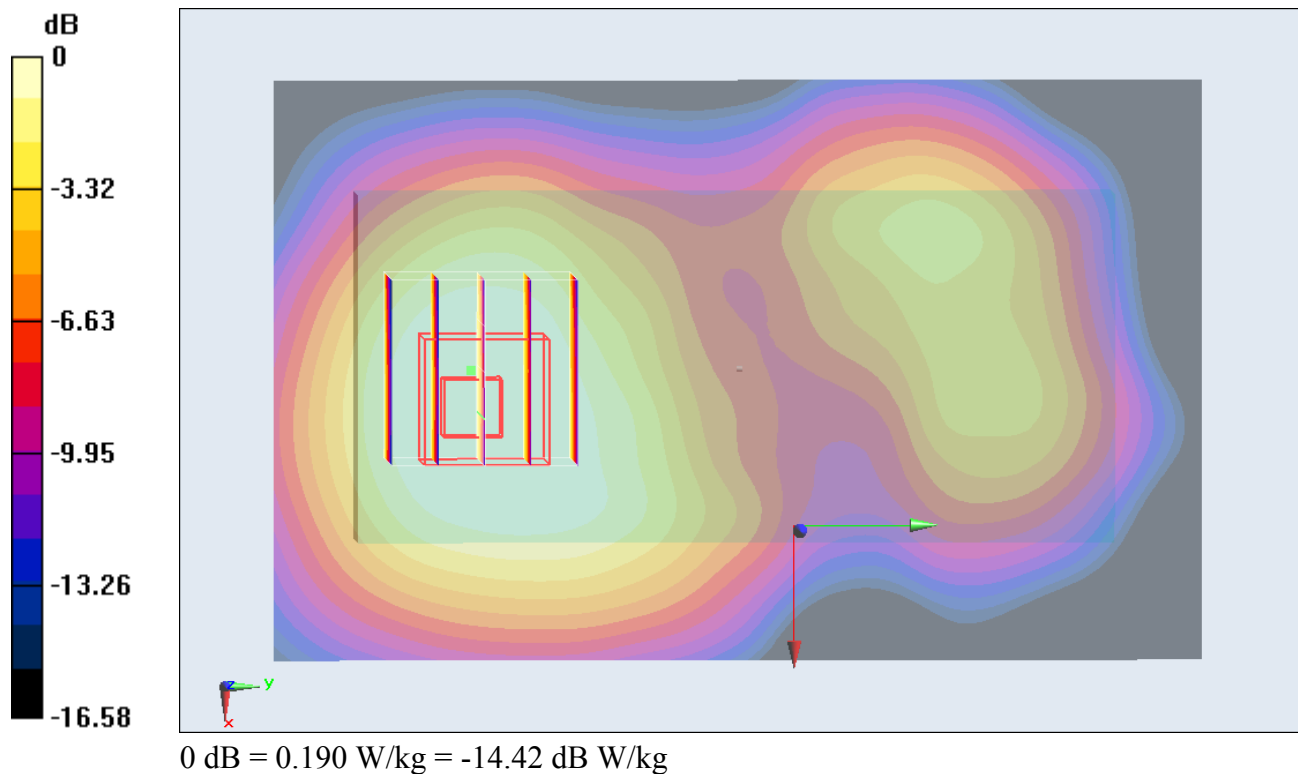
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.911 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.272 mW/g

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.190 W/kg



#10_GSM1900_GPRS (2 Tx slots)_Back_1cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.388 W/kg

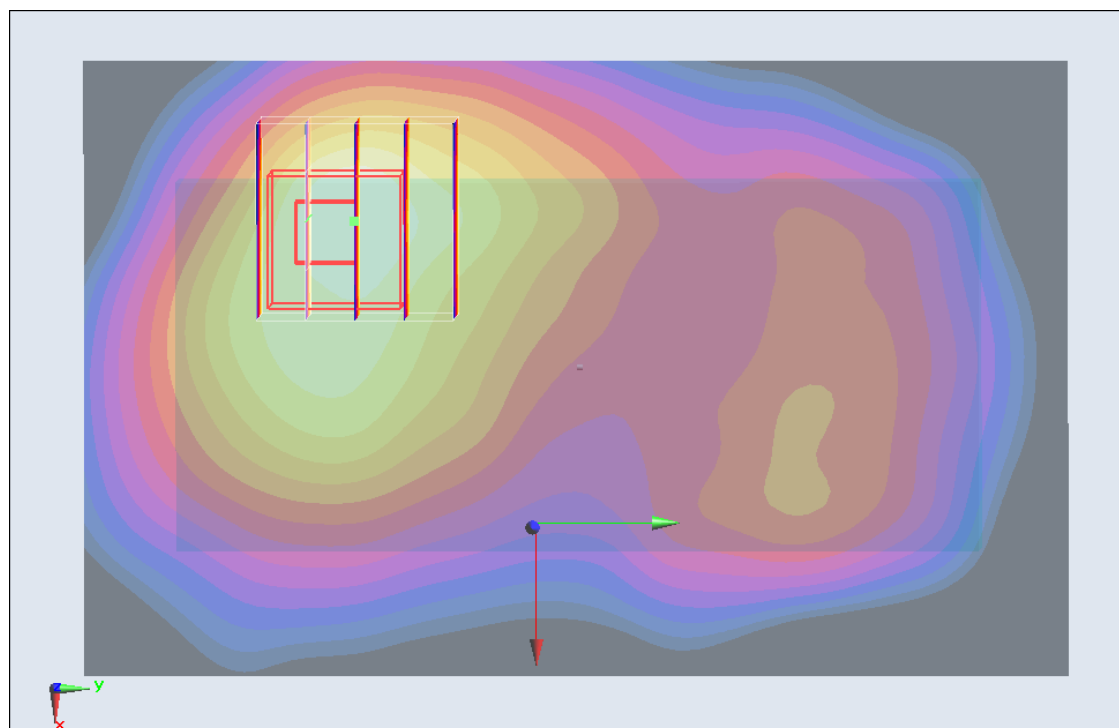
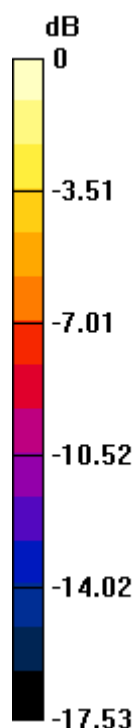
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.682 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.566 mW/g

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -9.02 dB W/kg

#11_GSM1900_GPRS (2 Tx slots)_Left Side_1cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x81x1): Measurement grid: dx=20 mm, dy=20 mm
Maximum value of SAR (interpolated) = 0.0728 W/kg**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.985 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.118 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.0739 W/kg

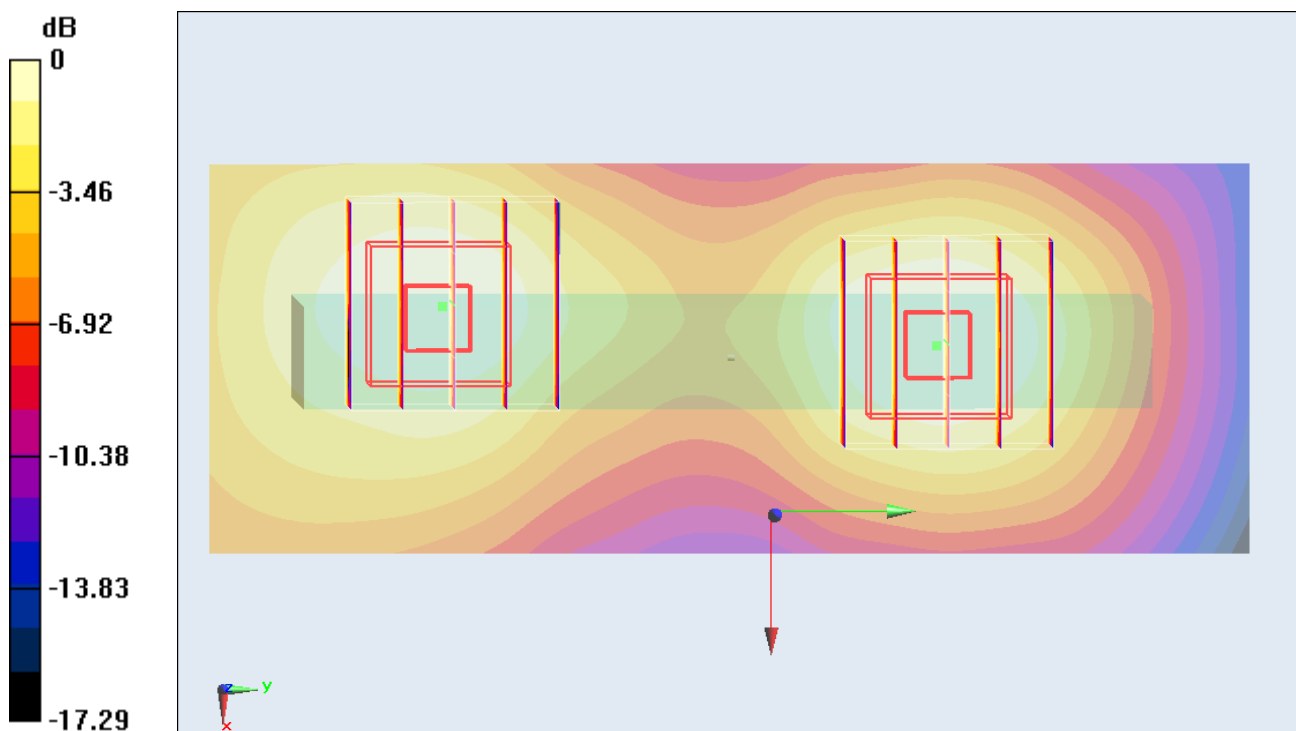
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.985 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.090 mW/g

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.0585 W/kg



0 dB = 0.0585 W/kg = -24.66 dB W/kg

#12_GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

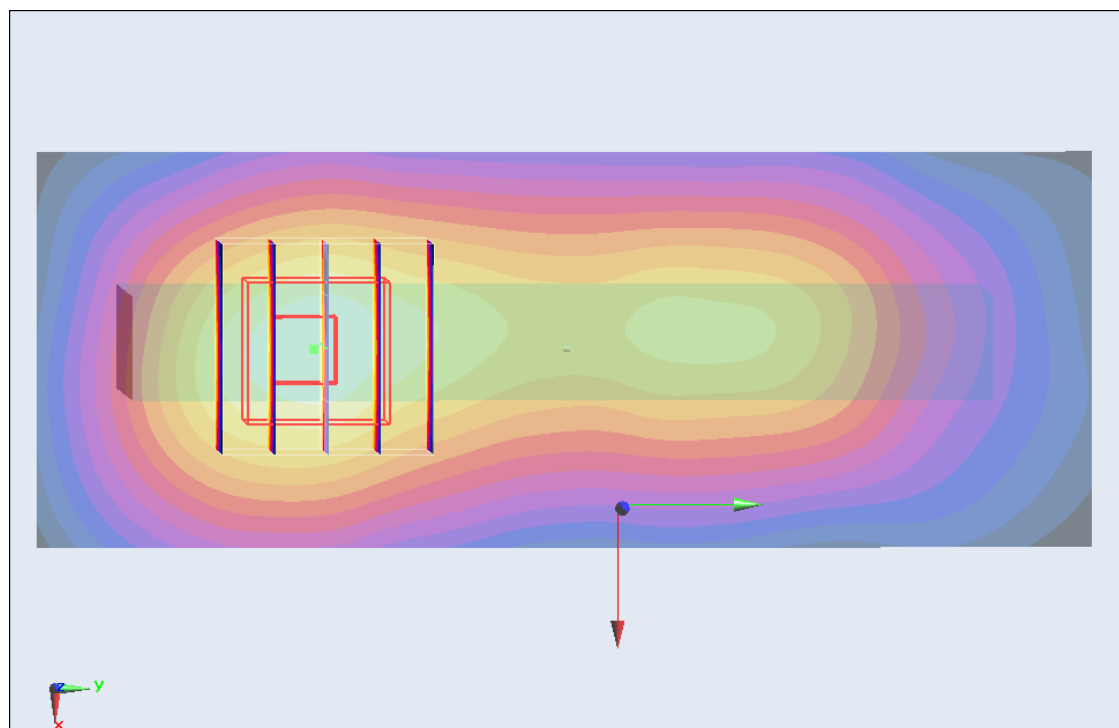
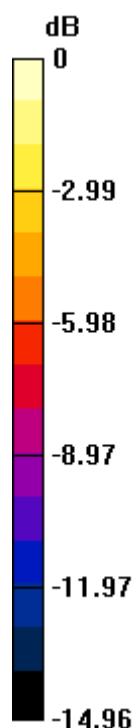
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.241 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.240 mW/g

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -16.36 dB W/kg

#13_GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x51x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.0845 W/kg

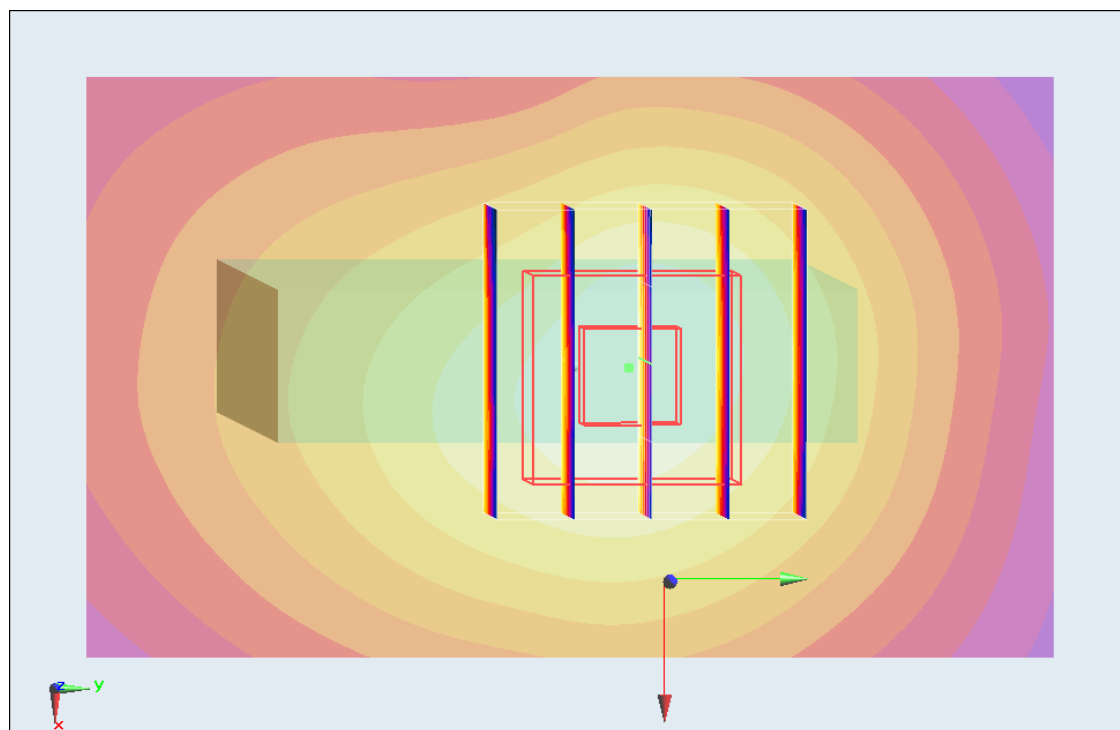
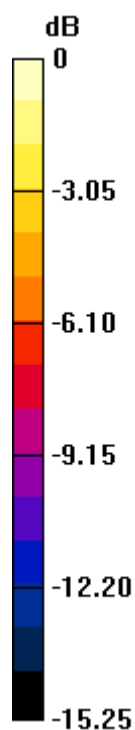
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.440 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.128 mW/g

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.0841 W/kg



0 dB = 0.0841 W/kg = -21.50 dB W/kg

#104_GSM 1900_GSM Voice_Front_1.5cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.363$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.156 W/kg

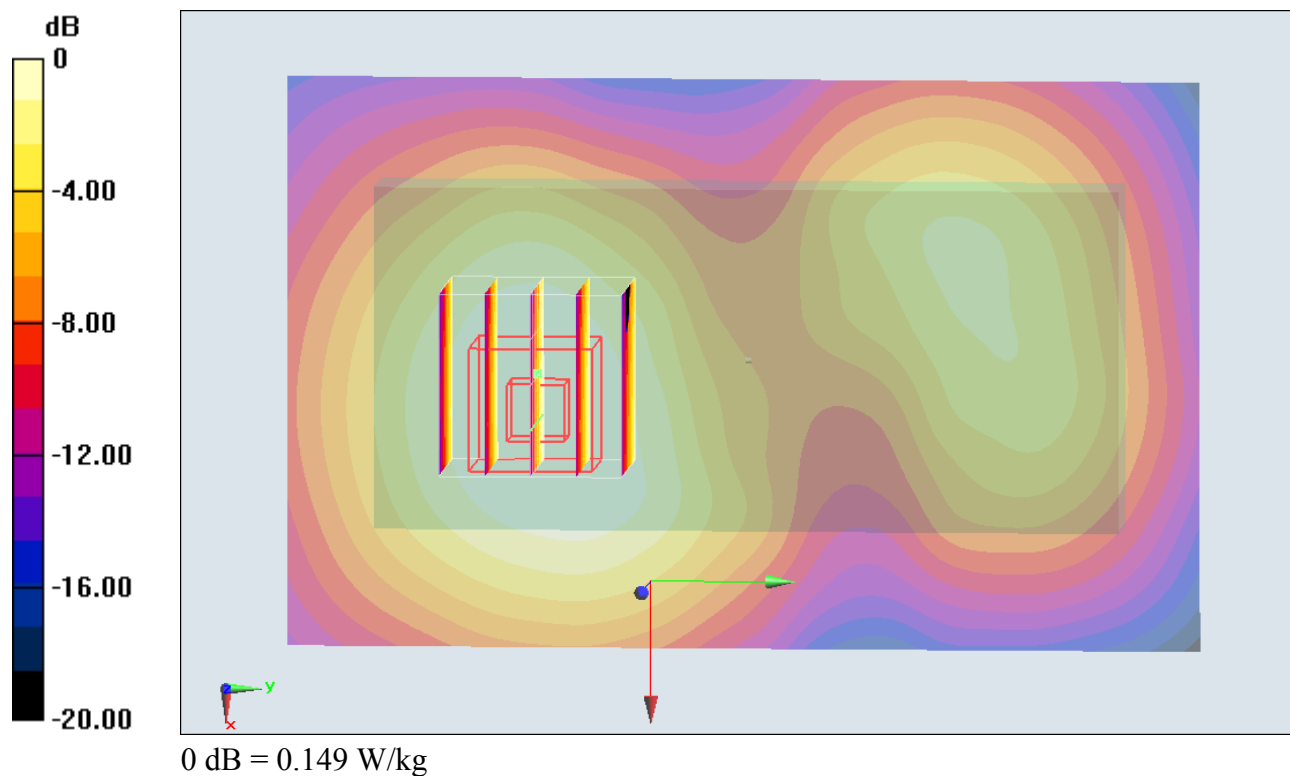
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.020 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.149 W/kg



#105_GSM 1900_GSM Voice_Back_1.5cm_Ch512**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.363$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.179 W/kg

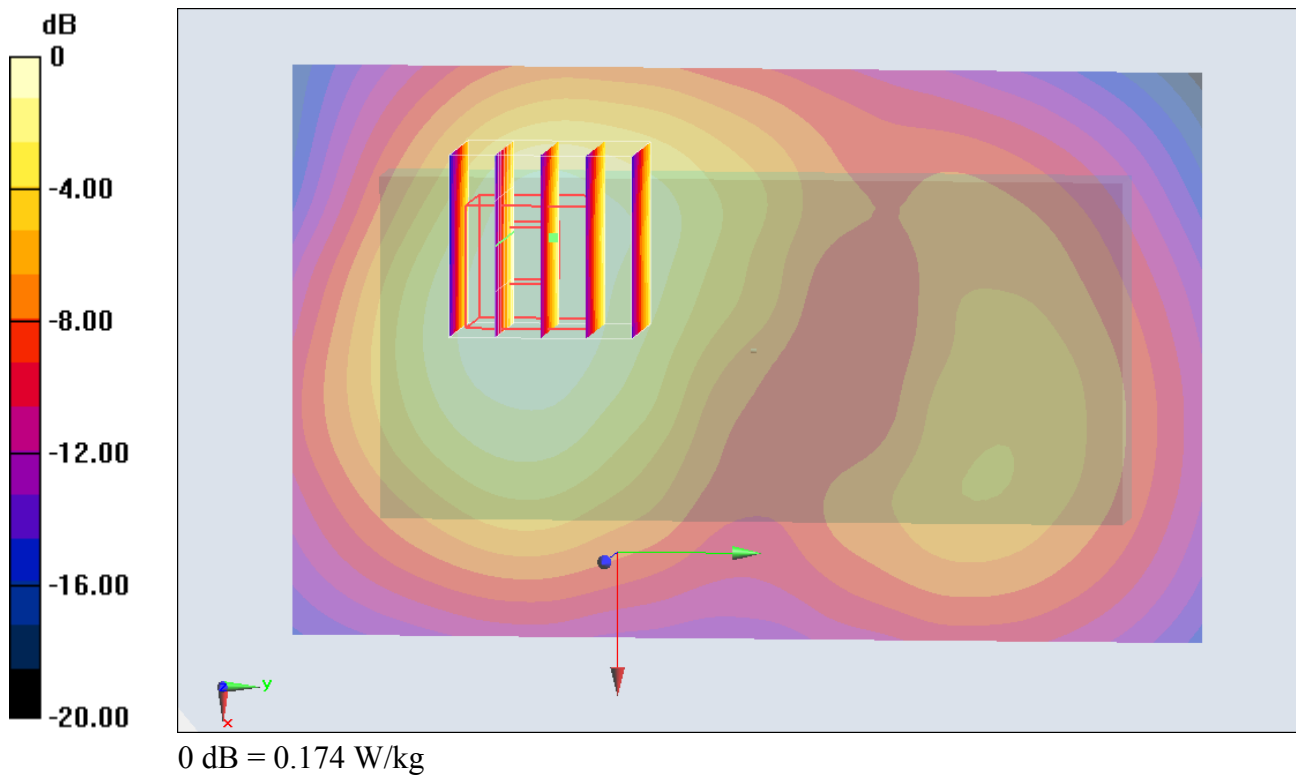
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.963 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.174 W/kg



#106_GSM 1900_GSM Voice_Back_1.5cm_Ch512;Headset**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.465$ mho/m; $\epsilon_r = 52.363$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.185 W/kg

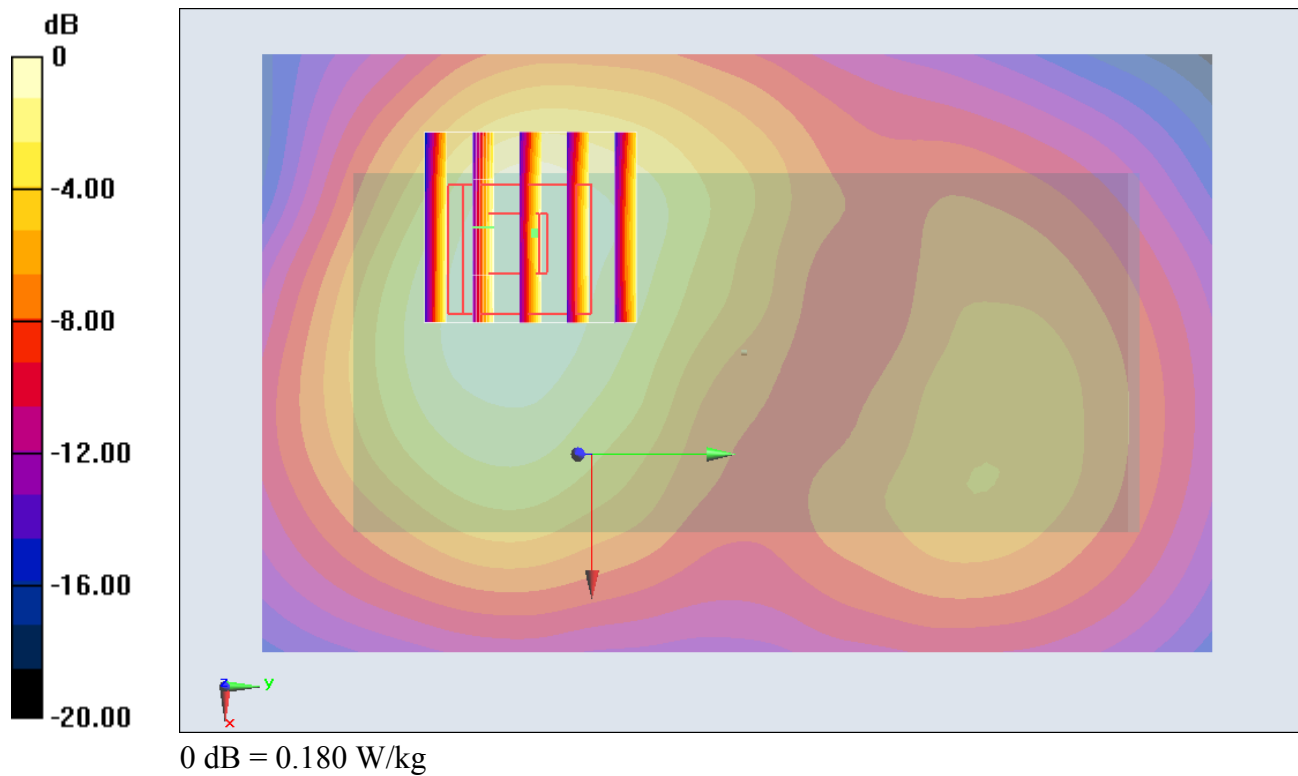
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.134 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.295 mW/g

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.180 W/kg



#14_GSM1900_GSM Voice_Back_1cm_Ch512;Headset**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

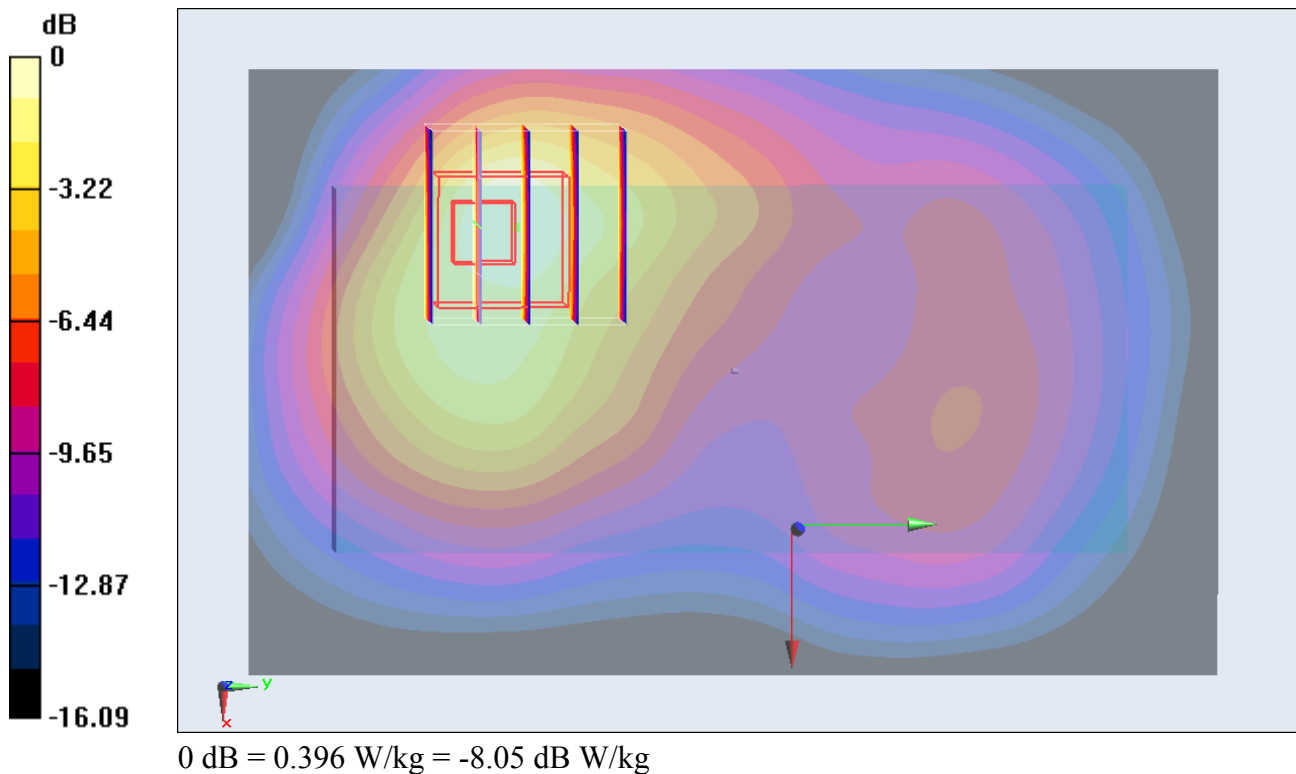
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.061 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.645 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.396 W/kg



#14_GSM1900_GSM Voice_Back_1cm_Ch512;Headset_2D**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.41$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.423 W/kg

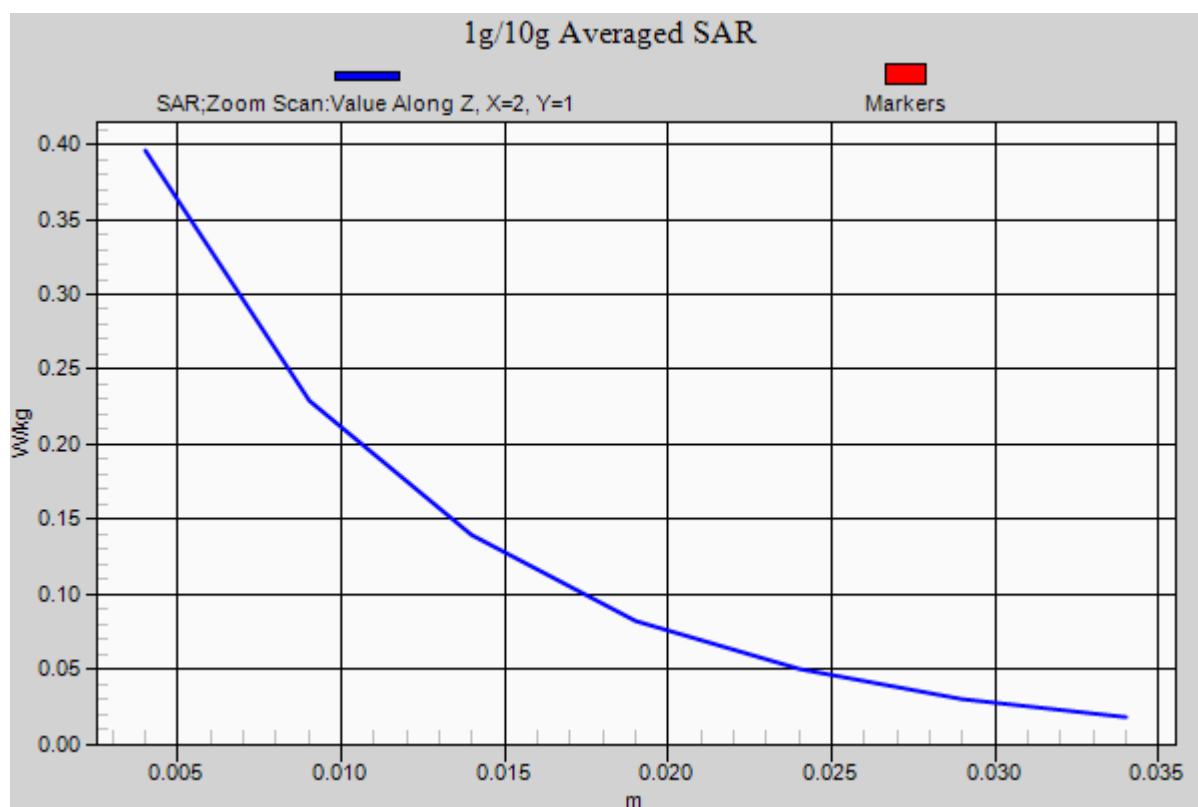
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.061 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.645 mW/g

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.396 W/kg



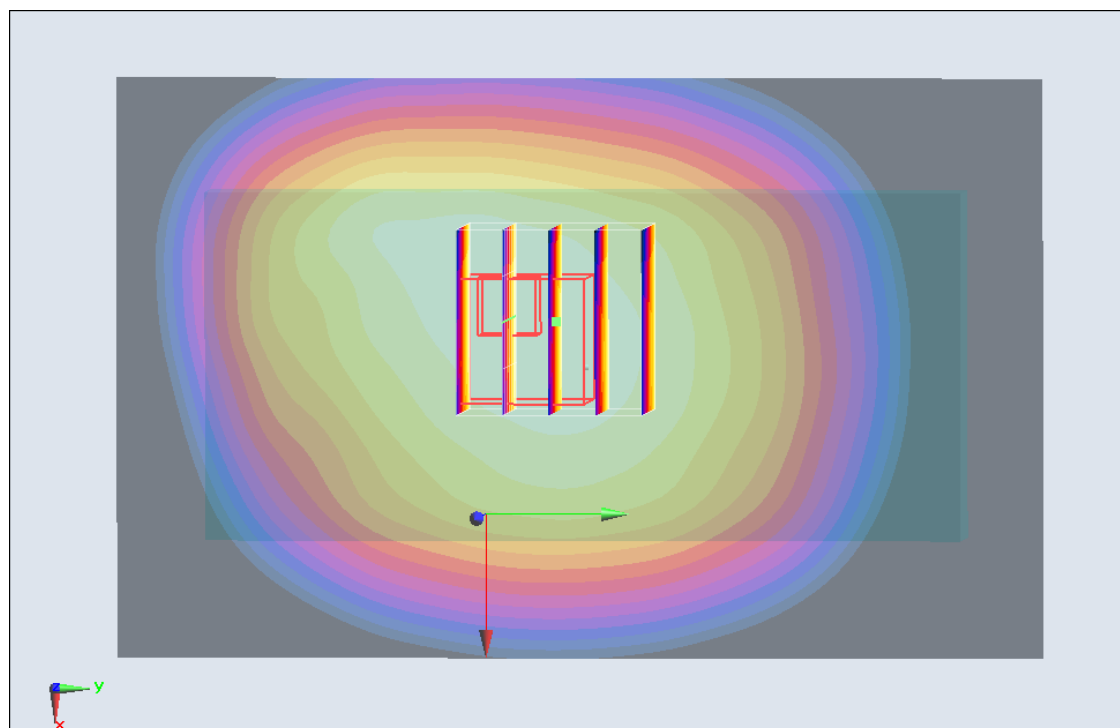
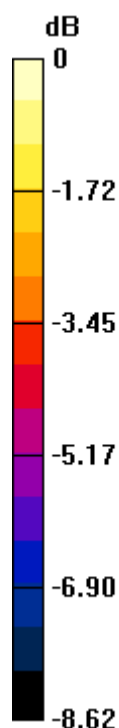
#25_WCDMA V_RMC12.2K_Front_1cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.547 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 23.499 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 0.692 mW/g **SAR(1 g) = 0.538 mW/g ; SAR(10 g) = 0.417 mW/g** Maximum value of SAR (measured) = 0.561 W/kg  $0 \text{ dB} = 0.561 \text{ W/kg} = -5.02 \text{ dB W/kg}$

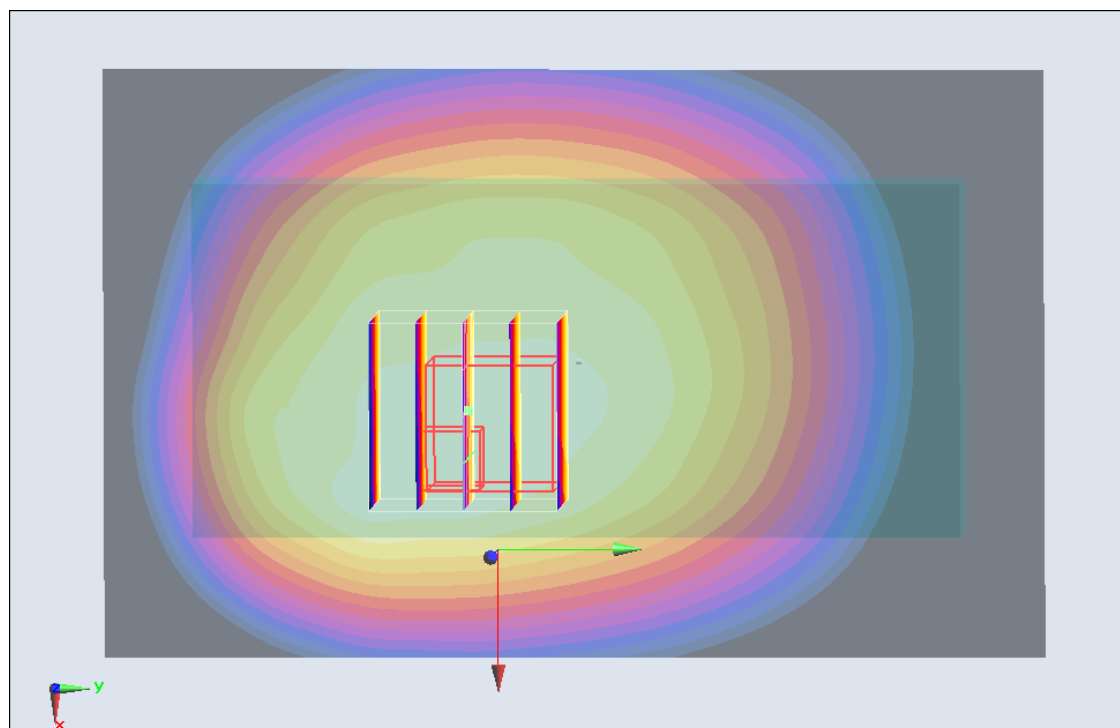
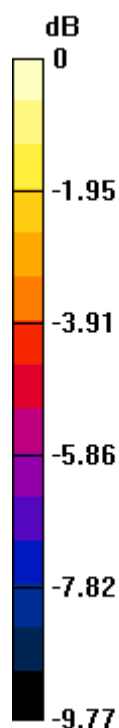
#26_WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.585 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 23.361 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 0.798 mW/g **SAR(1 g) = 0.577 mW/g ; SAR(10 g) = 0.421 mW/g** Maximum value of SAR (measured) = 0.610 W/kg  $0 \text{ dB} = 0.610 \text{ W/kg} = -4.29 \text{ dB W/kg}$

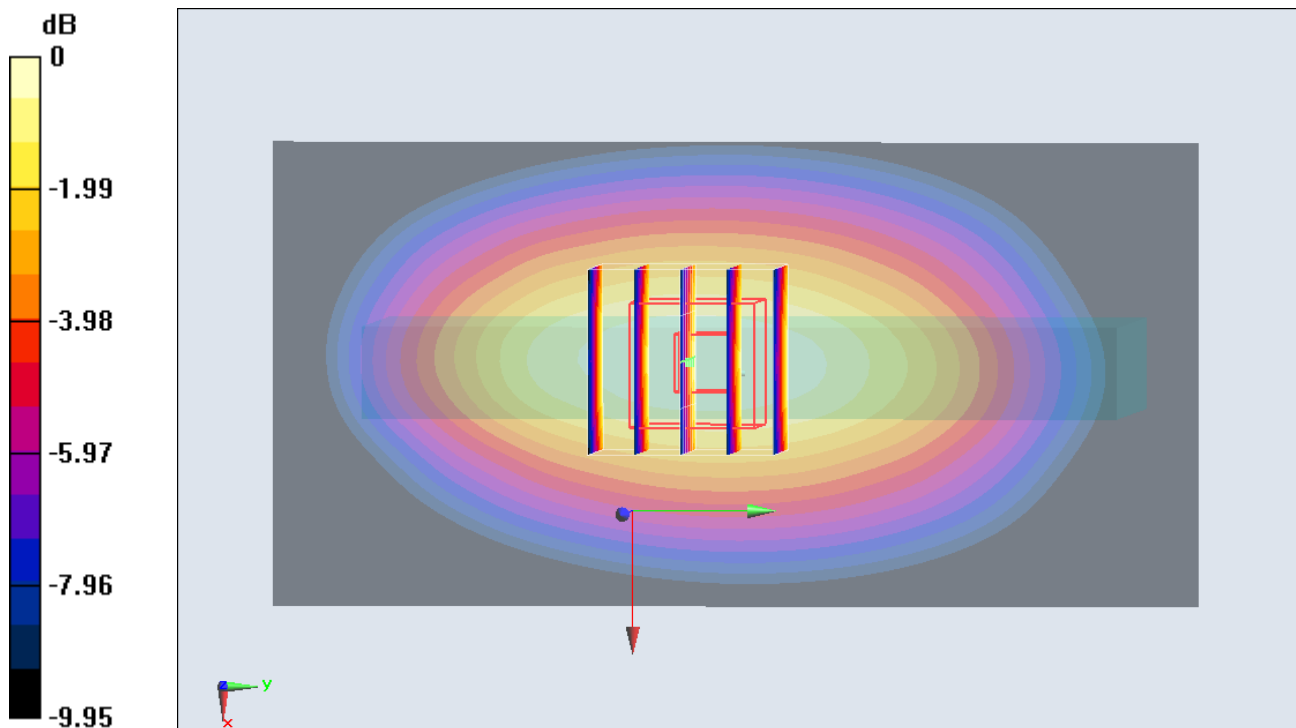
#27_WCDMA V_RMC12.2K_Left Side_1cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (41x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.729 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 27.051 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 0.992 mW/g **SAR(1 g) = 0.687 mW/g ; SAR(10 g) = 0.467 mW/g** Maximum value of SAR (measured) = 0.727 W/kg 

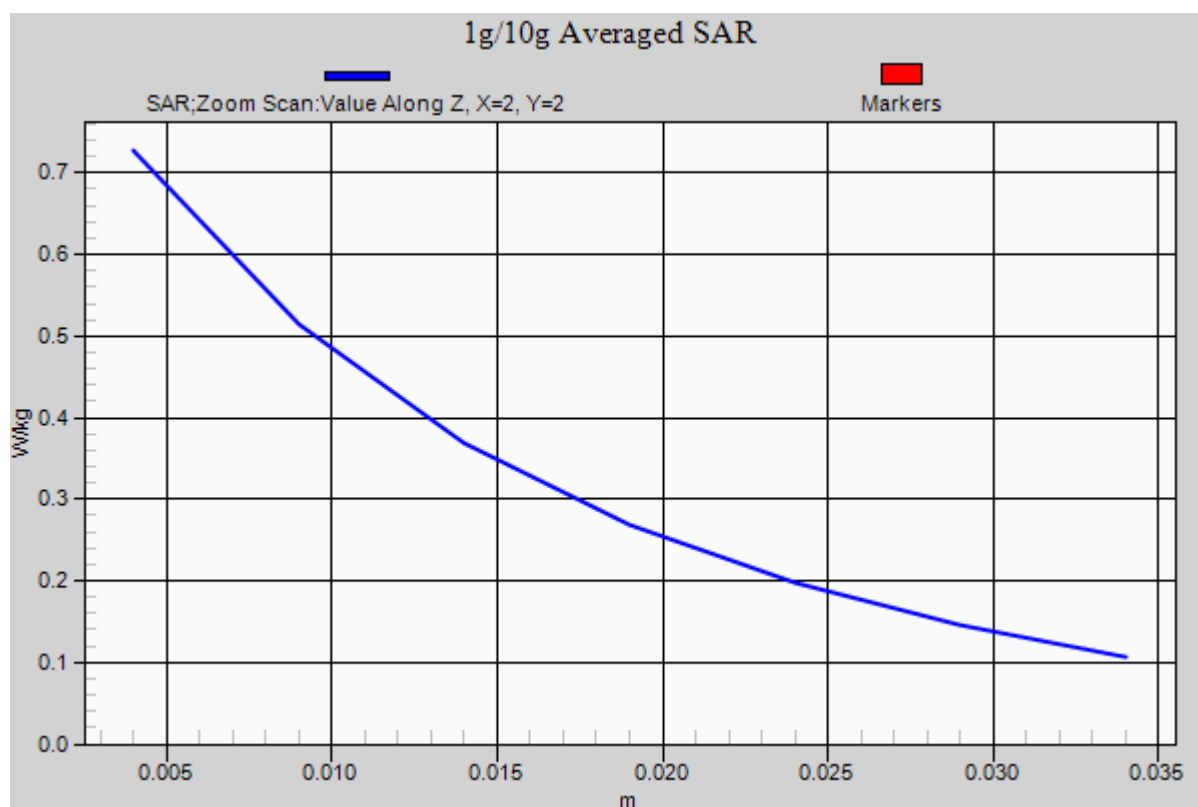
#27_WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_2D**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (41x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.729 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 27.051 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 0.992 mW/g **SAR(1 g) = 0.687 mW/g ; SAR(10 g) = 0.467 mW/g** Maximum value of SAR (measured) = 0.727 W/kg 

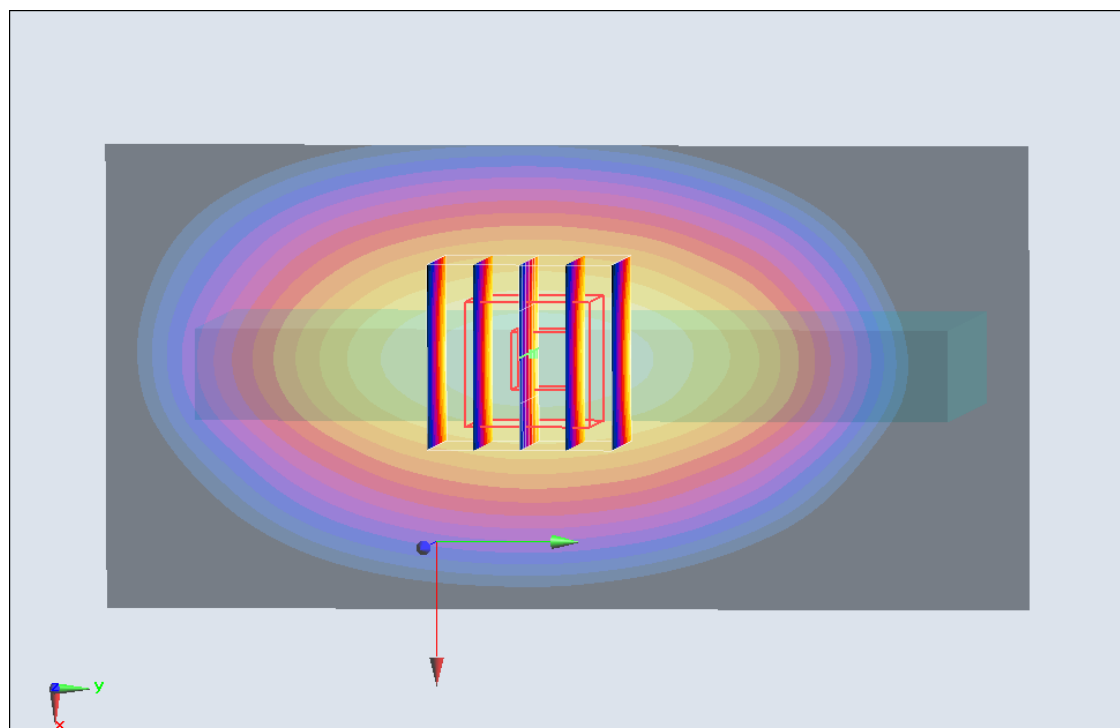
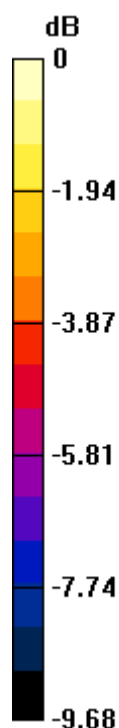
#28_WCDMA V_RMC12.2K_Right Side_1cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (41x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.558 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 23.580 V/m ; Power Drift = 0.09 dB Peak SAR (extrapolated) = 0.741 mW/g **SAR(1 g) = 0.526 mW/g ; SAR(10 g) = 0.360 mW/g** Maximum value of SAR (measured) = 0.564 W/kg  $0 \text{ dB} = 0.564 \text{ W/kg} = -4.97 \text{ dB W/kg}$

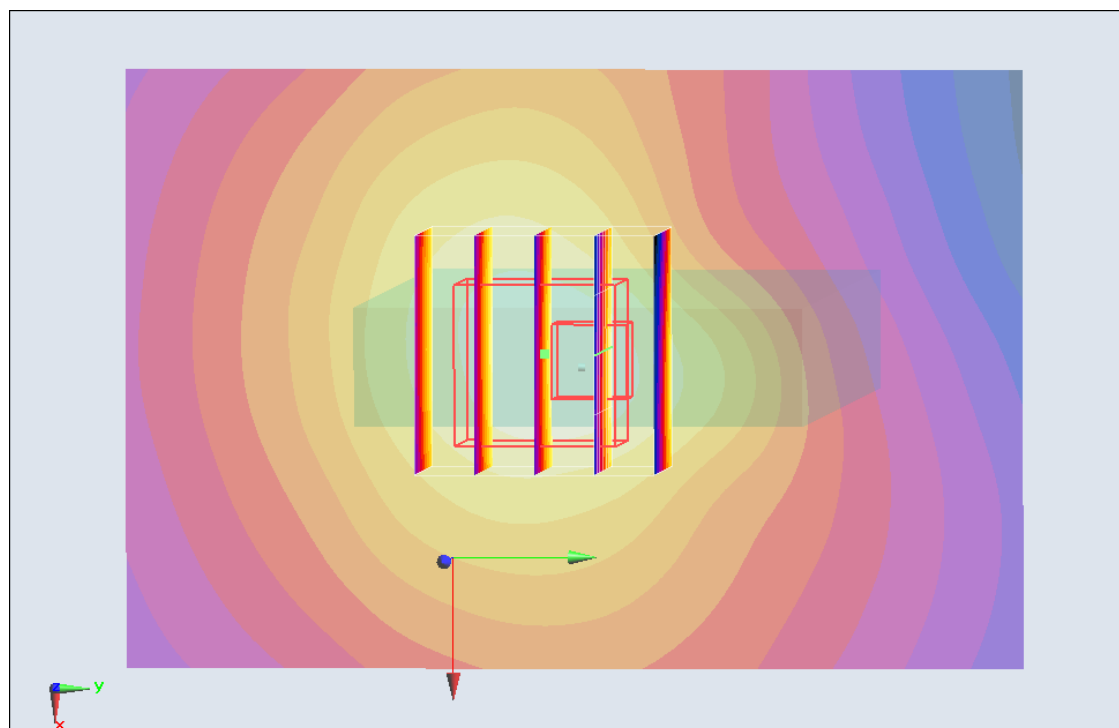
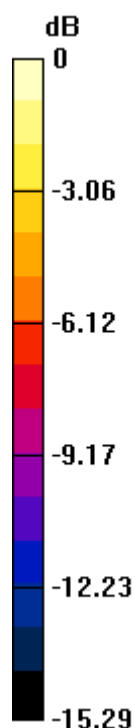
#29_WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (41x61x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.0865 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 8.993 V/m ; Power Drift = 0.14 dB Peak SAR (extrapolated) = 0.133 mW/g **SAR(1 g) = 0.077 mW/g ; SAR(10 g) = 0.047 mW/g** Maximum value of SAR (measured) = 0.0838 W/kg  $0 \text{ dB} = 0.0838 \text{ W/kg} = -21.54 \text{ dB W/kg}$

#101_WCDMA V_RMC12.2K_Front_1.5cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121027 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.444 W/kg

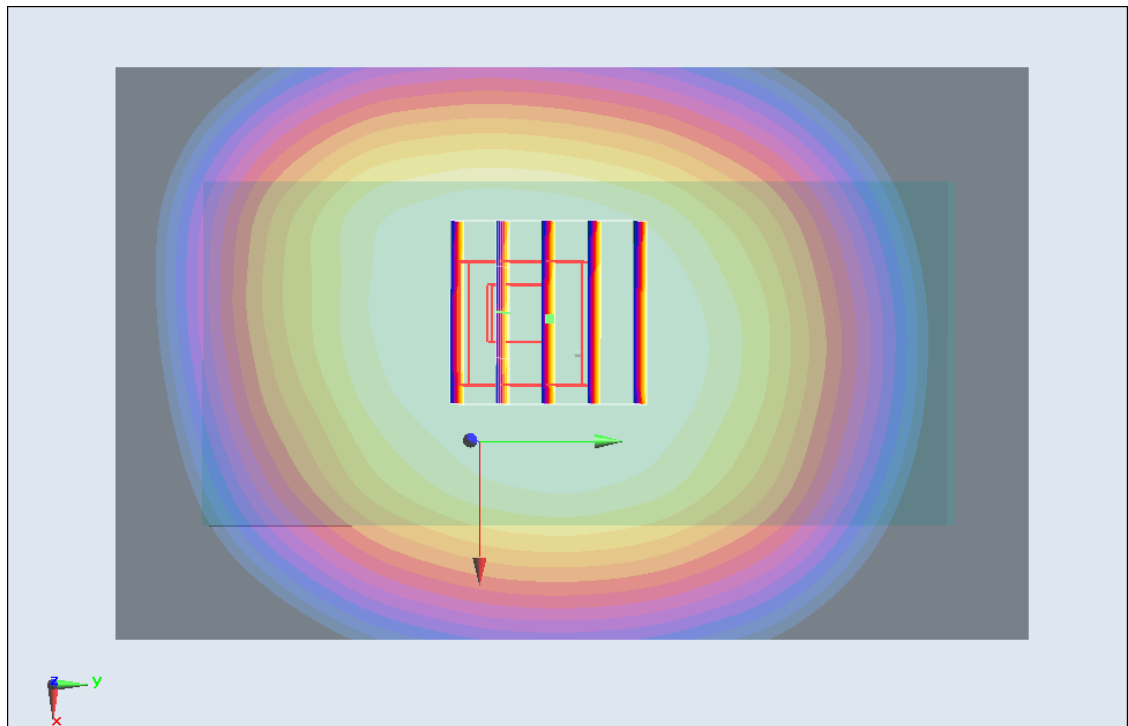
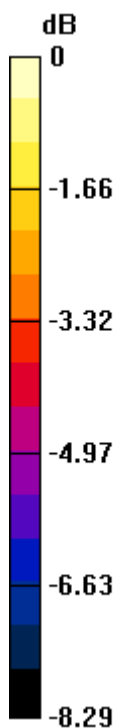
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.185 V/m ; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.470 mW/g

SAR(1 g) = 0.369 mW/g ; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg

#102_WCDMA V_RMC12.2K_Back_1.5cm_Ch4233**DUT: 291928**

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

Medium: MSL_850_121027 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.388 W/kg

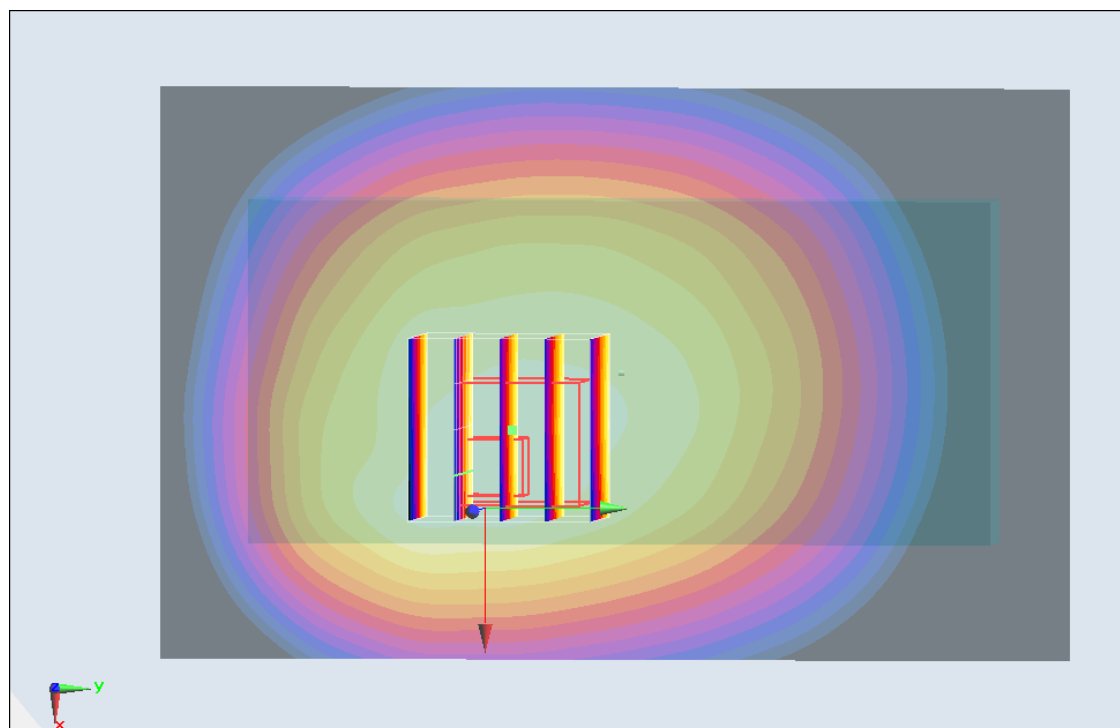
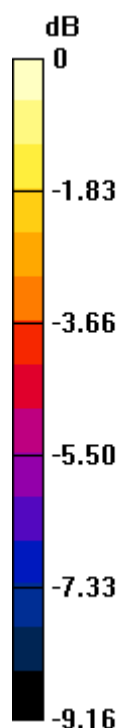
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.242 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.515 mW/g

SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.413 W/kg



0 dB = 0.413 W/kg = -7.68 dB W/kg

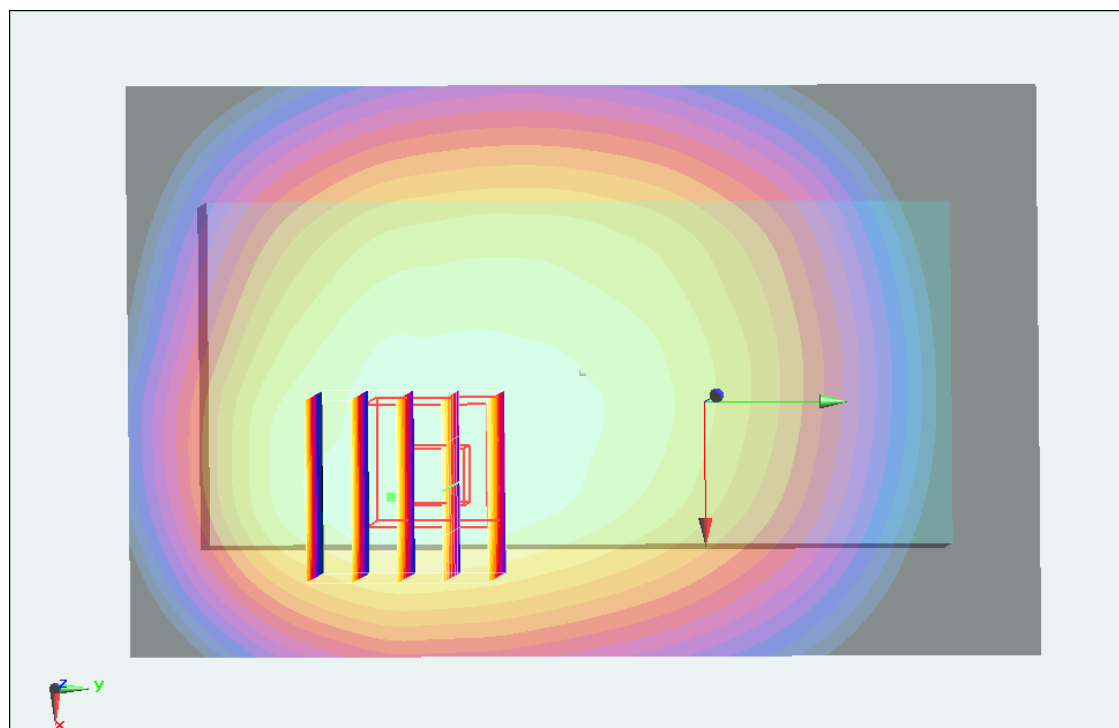
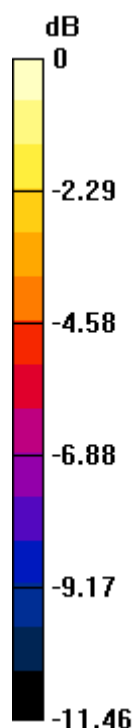
#103_WCDMA V_RMC12.2K_Back_1.5cm_Ch4233;Headset**DUT: 291928**

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

Medium: MSL_850_121027 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.38$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.377 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 17.918 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.480 mW/g **SAR(1 g) = 0.350 mW/g ; SAR(10 g) = 0.250 mW/g** Maximum value of SAR (measured) = 0.369 W/kg  $0 \text{ dB} = 0.369 \text{ W/kg} = -8.66 \text{ dB W/kg}$

#30_WCDMA V_RMC12.2K_Back_1cm_Ch4182;Headset**DUT: 291928**

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

Medium: MSL_850_121017 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.481$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.314 W/kg

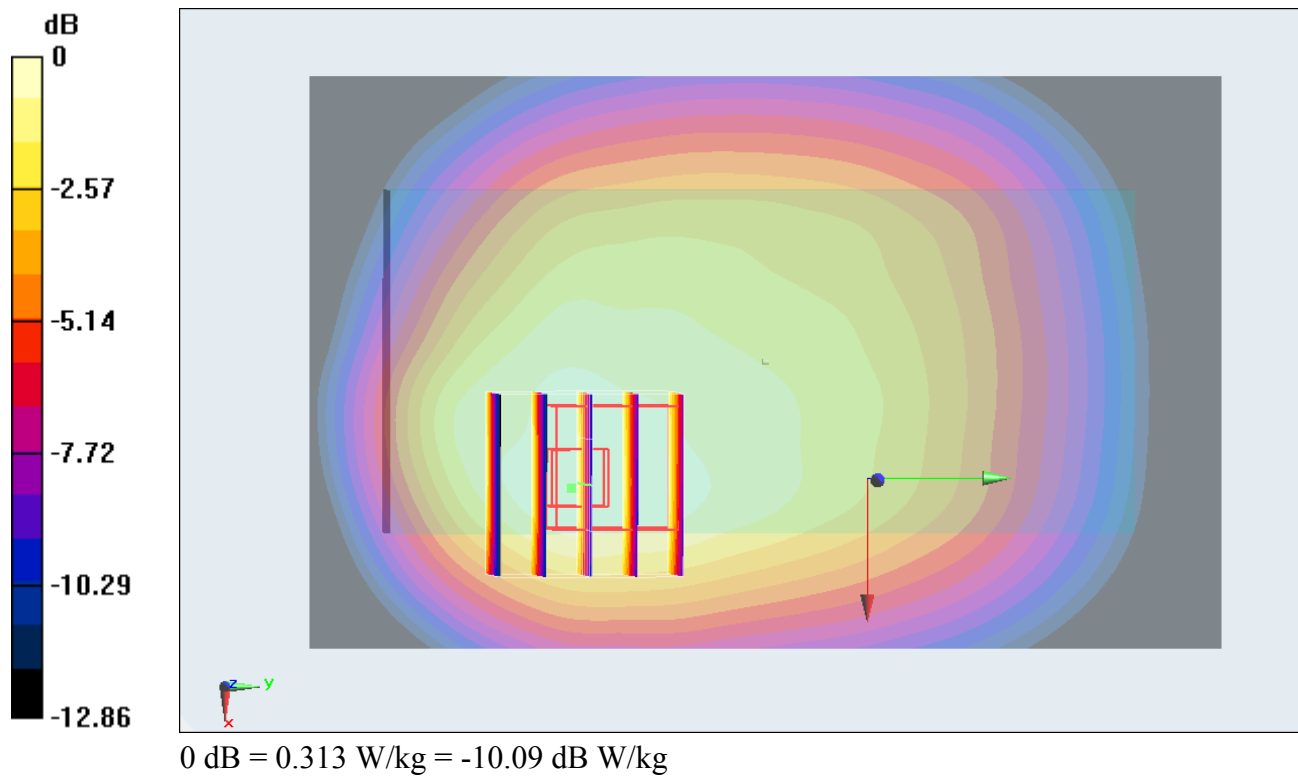
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.879 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.448 mW/g

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.313 W/kg



#41_WCDMA IV_RMC12.2K_Front_1cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.723 W/kg

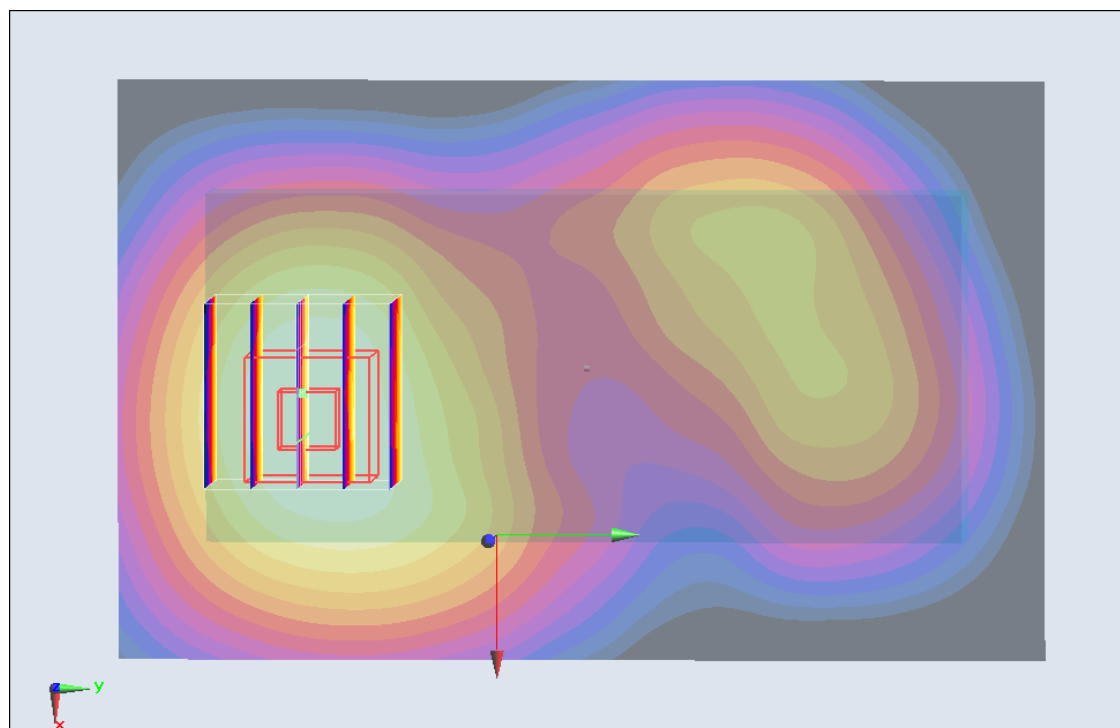
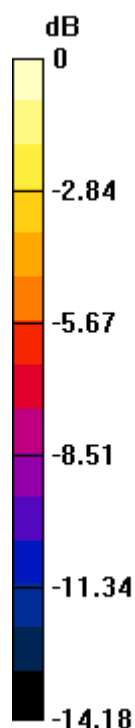
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.430 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.996 mW/g

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.709 W/kg



0 dB = 0.709 W/kg = -2.99 dB W/kg

#42_WCDMA IV_RMC12.2K_Back_1cm_Ch1312**DUT: 291928**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r = 52.344$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

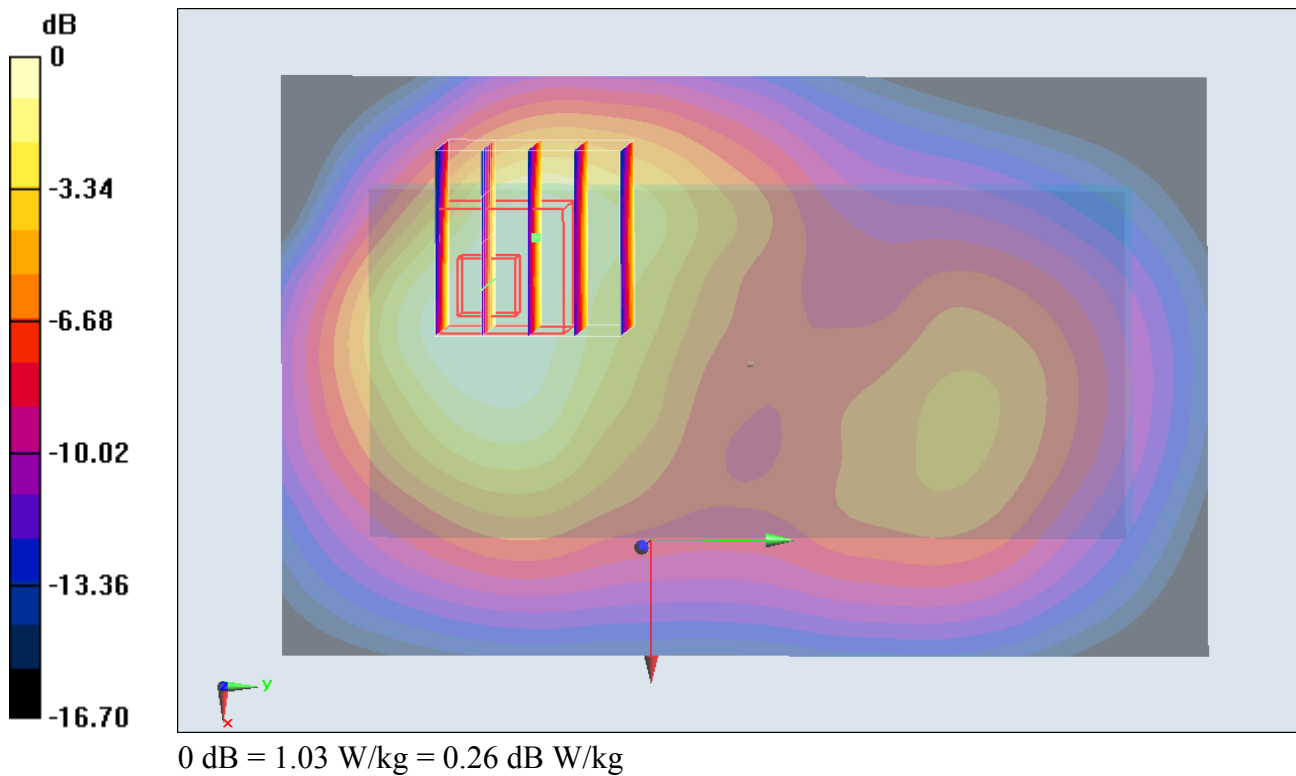
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.347 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.562 mW/g

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 1.03 W/kg



#43_WCDMA IV_RMC12.2K_Back_1cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

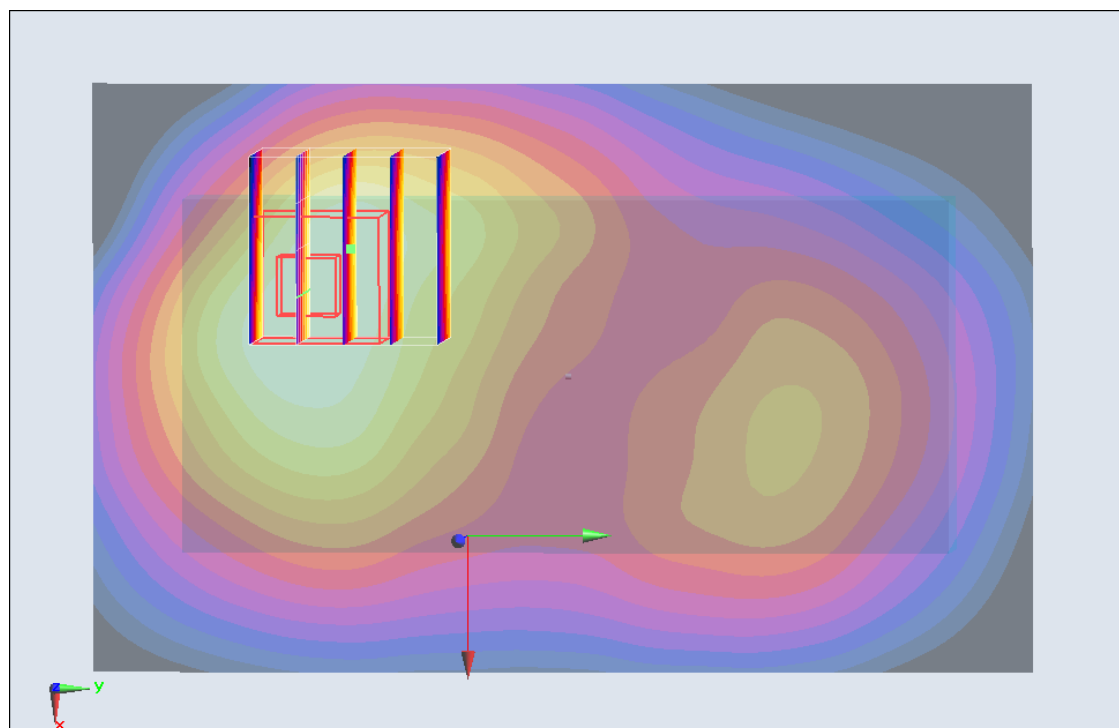
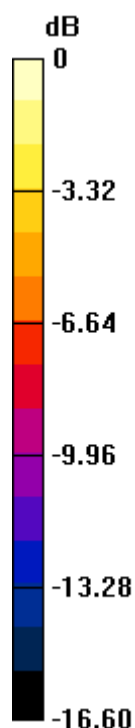
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.862 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.635 mW/g

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.579 mW/g

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.51 dB W/kg

#44_WCDMA IV_RMC12.2K_Back_1cm_Ch1513**DUT: 291928**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.349$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 1.11 W/kg

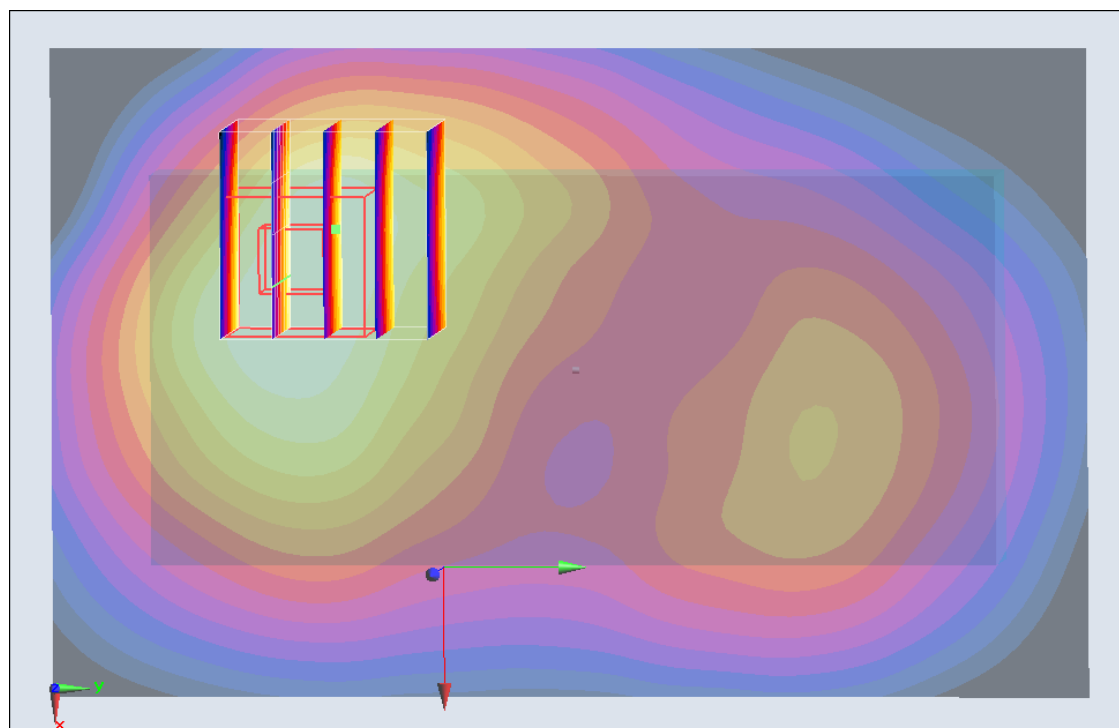
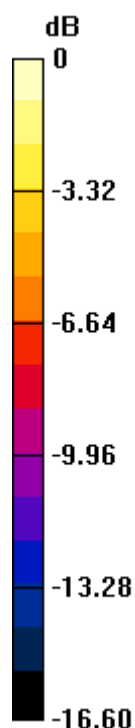
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.489 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.690 mW/g

SAR(1 g) = 1 mW/g ; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.67 dB W/kg

#44_WCDMA IV_RMC12.2K_Back_1cm_Ch1513_2D**DUT: 291928**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.349$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 1.11 W/kg

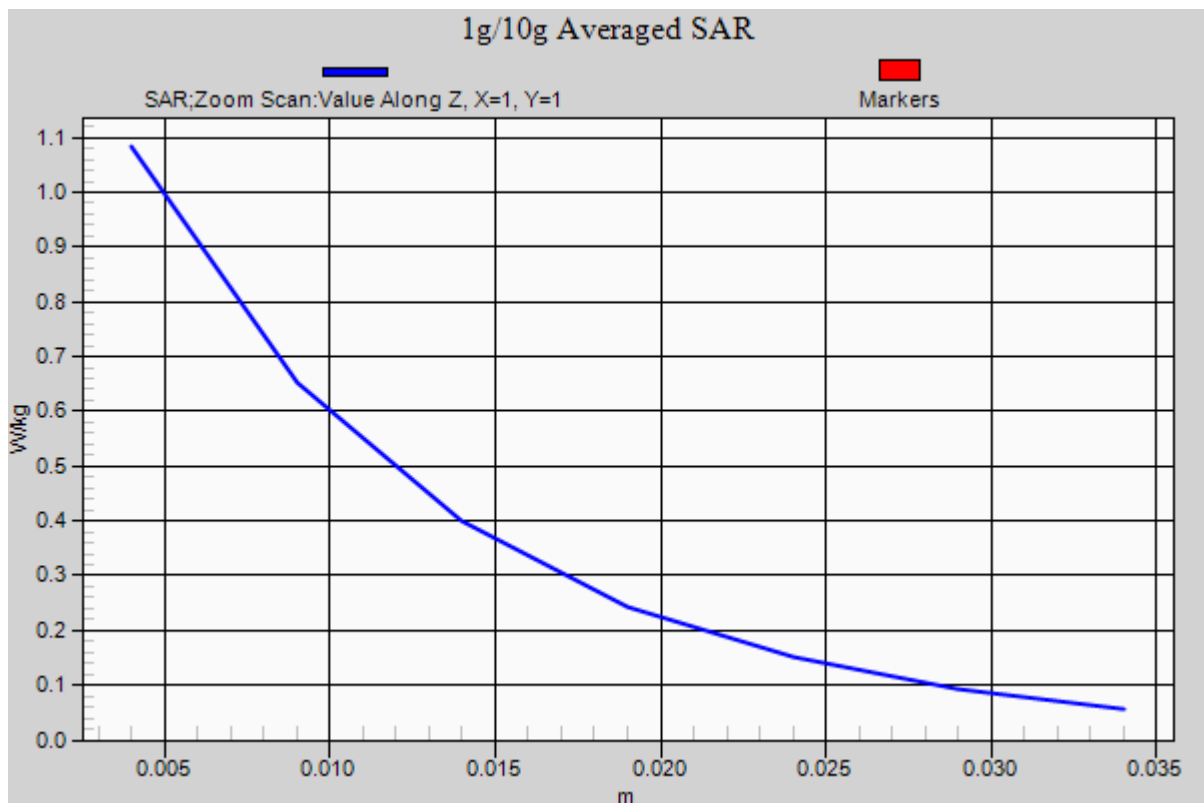
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.489 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.690 mW/g

SAR(1 g) = 1 mW/g ; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 1.08 W/kg



#45_WCDMA IV_RMC12.2K_Left Side_1cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (31x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

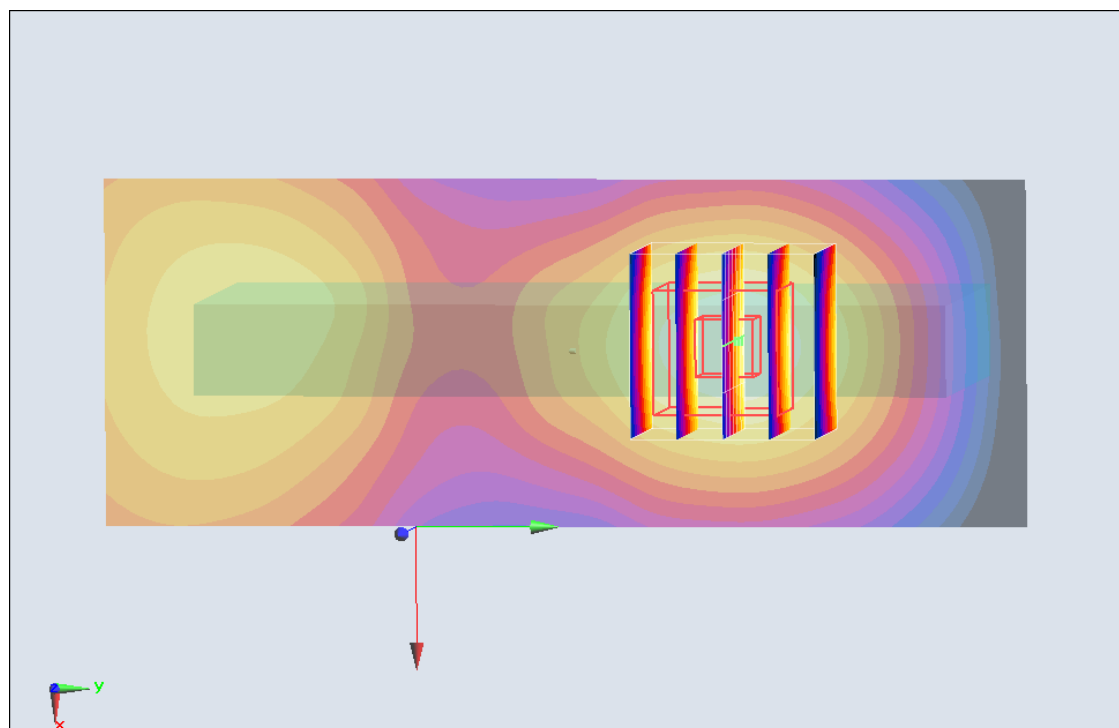
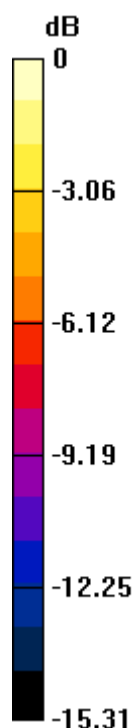
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.768 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.386 mW/g

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -11.63 dB W/kg

#46_WCDMA IV_RMC12.2K_Right Side_1cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (31x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.556 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.716 mW/g

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.470 W/kg

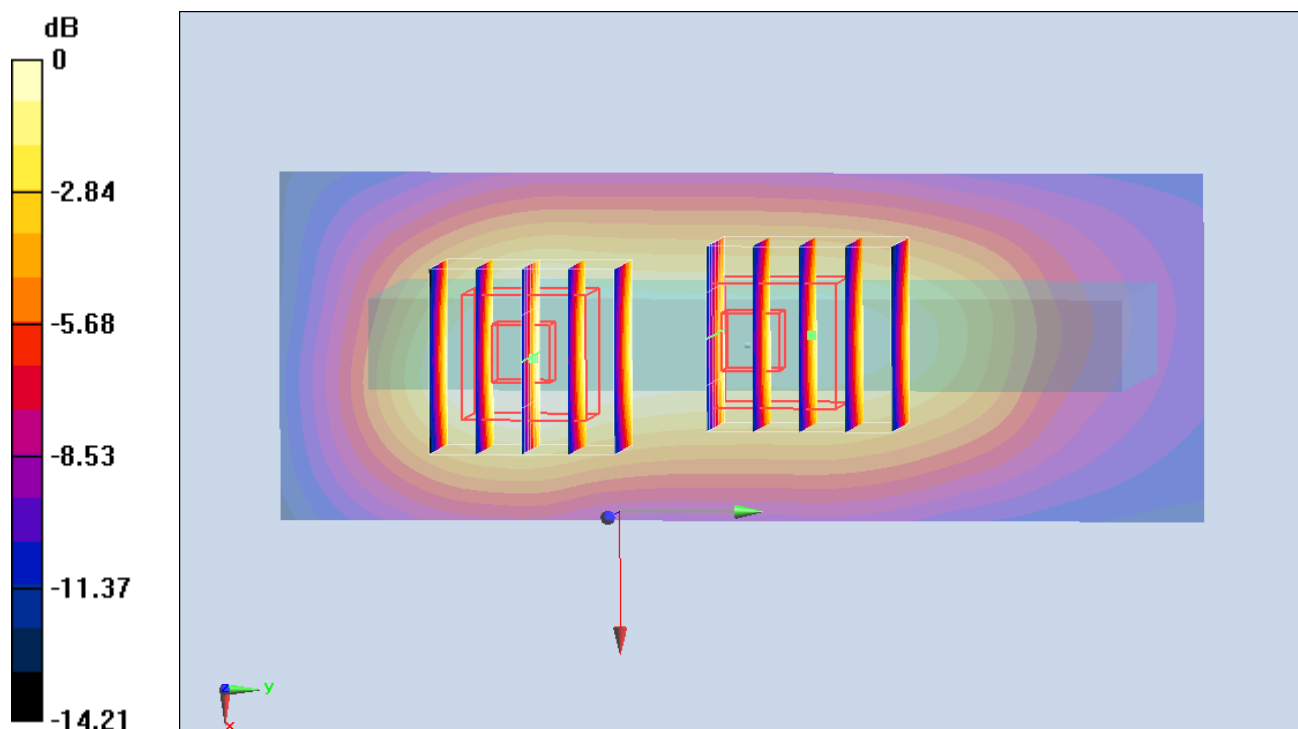
Ch1413/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.556 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.491 mW/g

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -9.50 dB W/kg

#47_WCDMA IV_RMC12.2K_Bottom Side_1cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (31x51x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

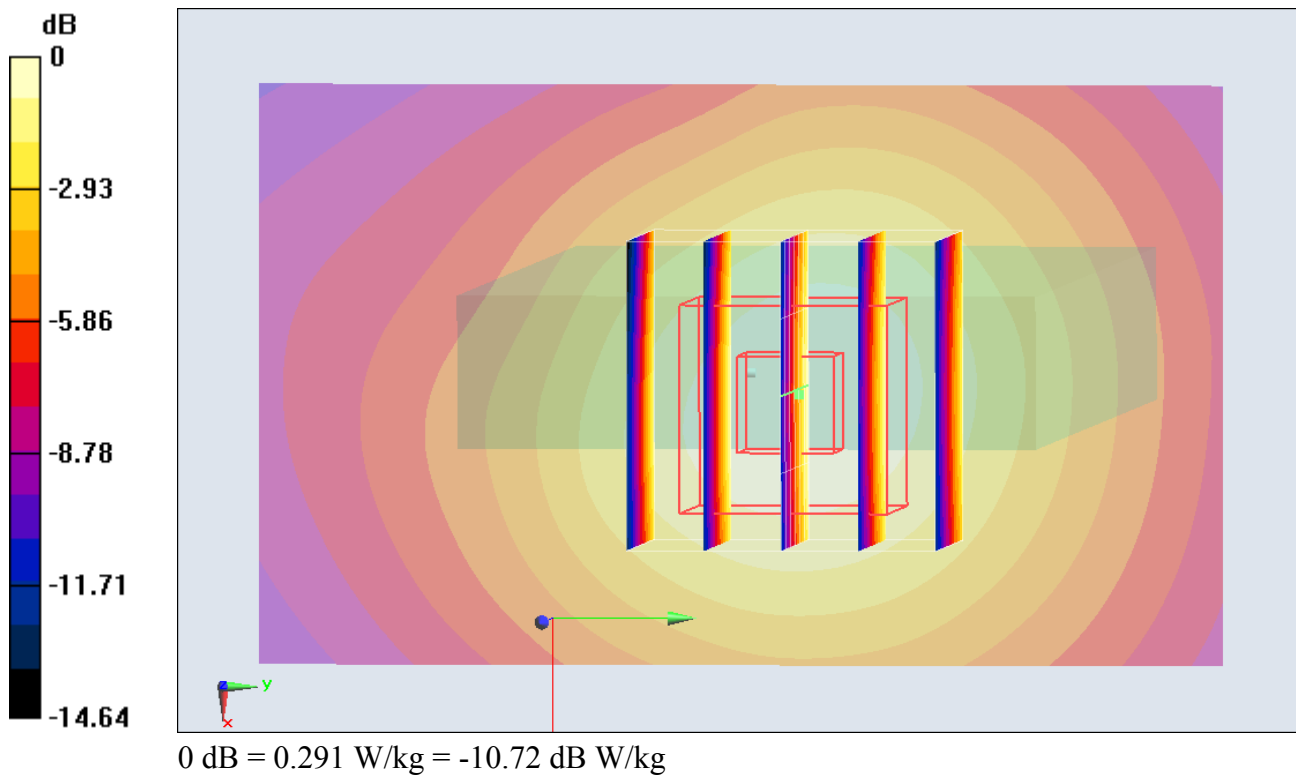
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.953 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.291 W/kg



#110_WCDMA IV_RMC12.2K_Front_1.5cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121027 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.442$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.493 W/kg

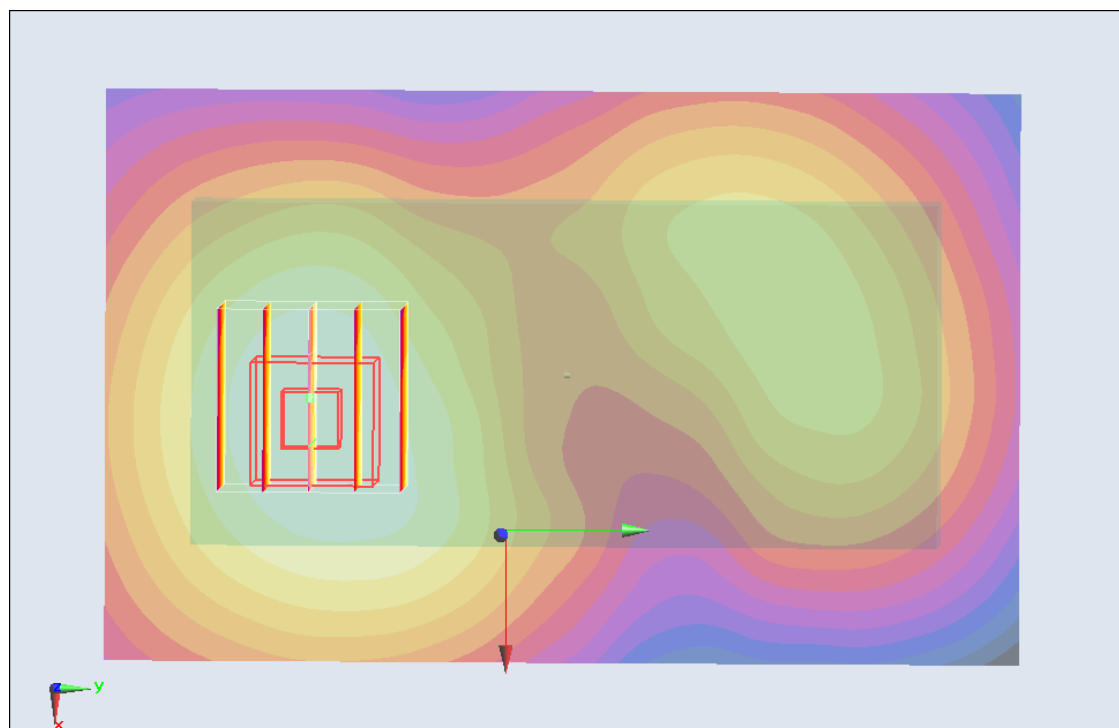
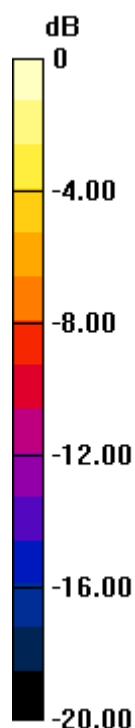
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.453 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.690 mW/g

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.495 W/kg

#111_WCDMA IV_RMC12.2K_Back_1.5cm_Ch1413**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121027 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.442$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.576 W/kg

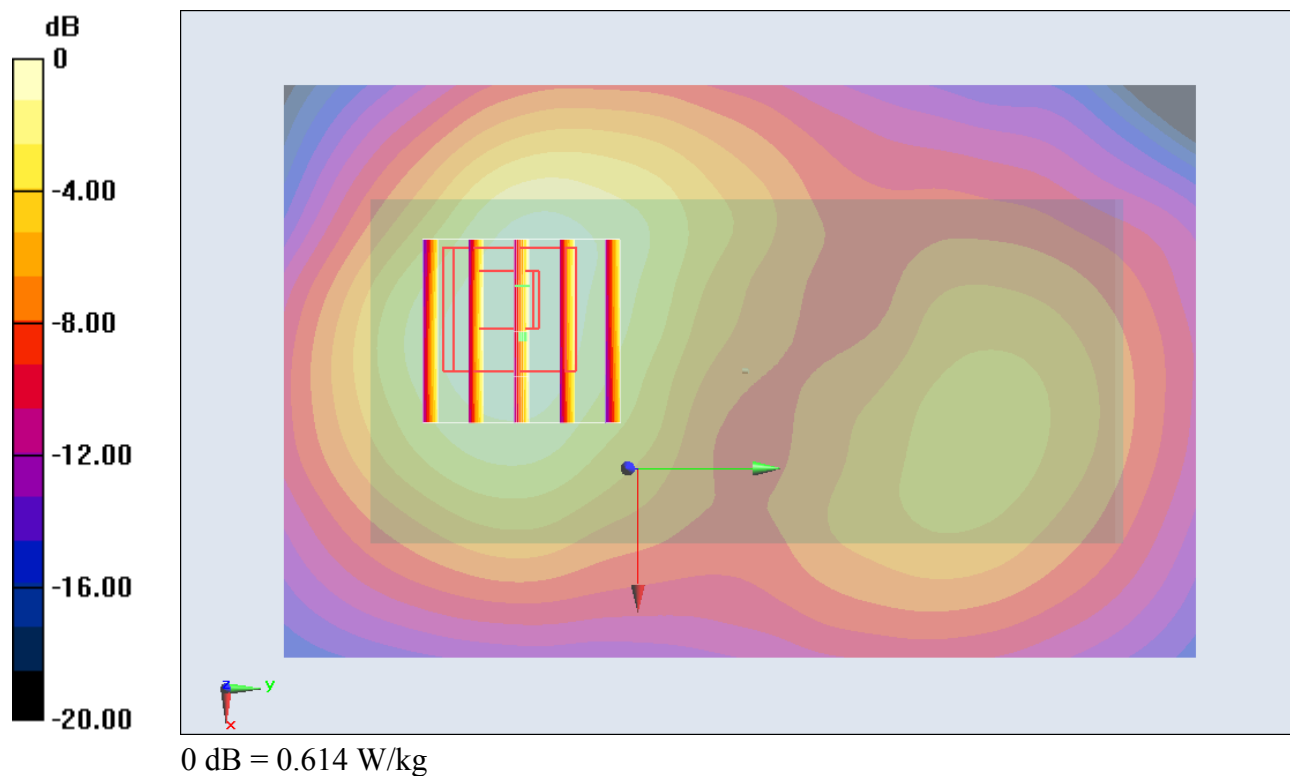
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.476 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.921 mW/g

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.614 W/kg



#112_WCDMA IV_RMC12.2K_Back_1.5cm_Ch1413;Headset**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121027 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.442$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.611 W/kg

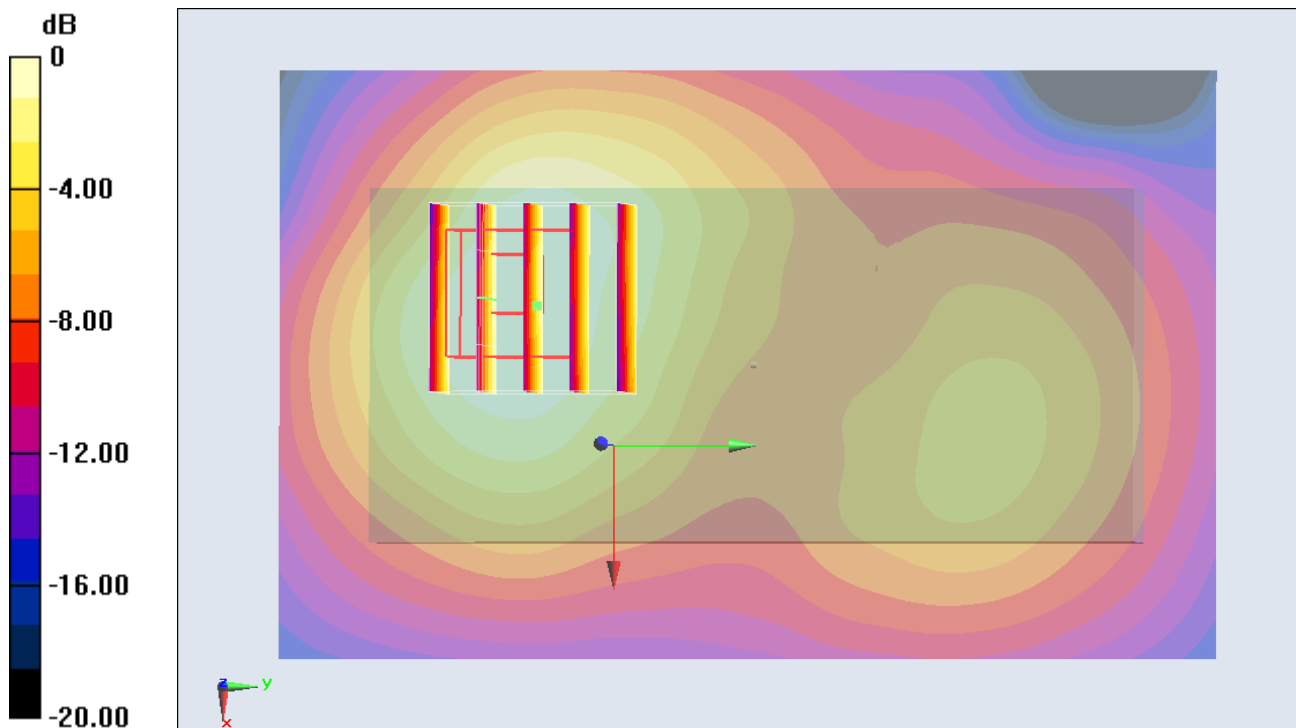
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.461 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.902 mW/g

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 0.604 W/kg



#48_WCDMA IV_RMC12.2K_Back_1cm_Ch1312;Headset**DUT: 291928**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r = 52.344$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

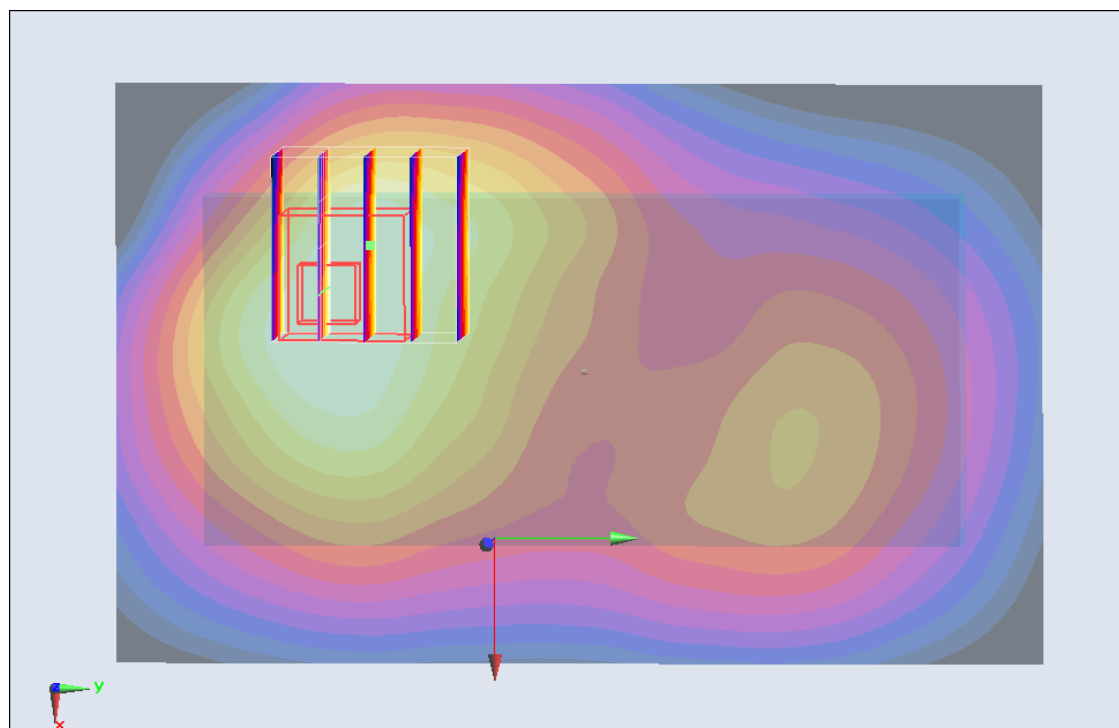
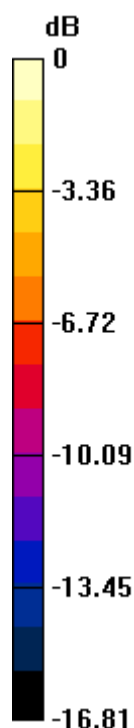
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.603 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.488 mW/g

SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.983 W/kg



0 dB = 0.983 W/kg = -0.15 dB W/kg

#49_WCDMA IV_RMC12.2K_Back_1cm_Ch1413;Headset**DUT: 291928**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 52.339$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

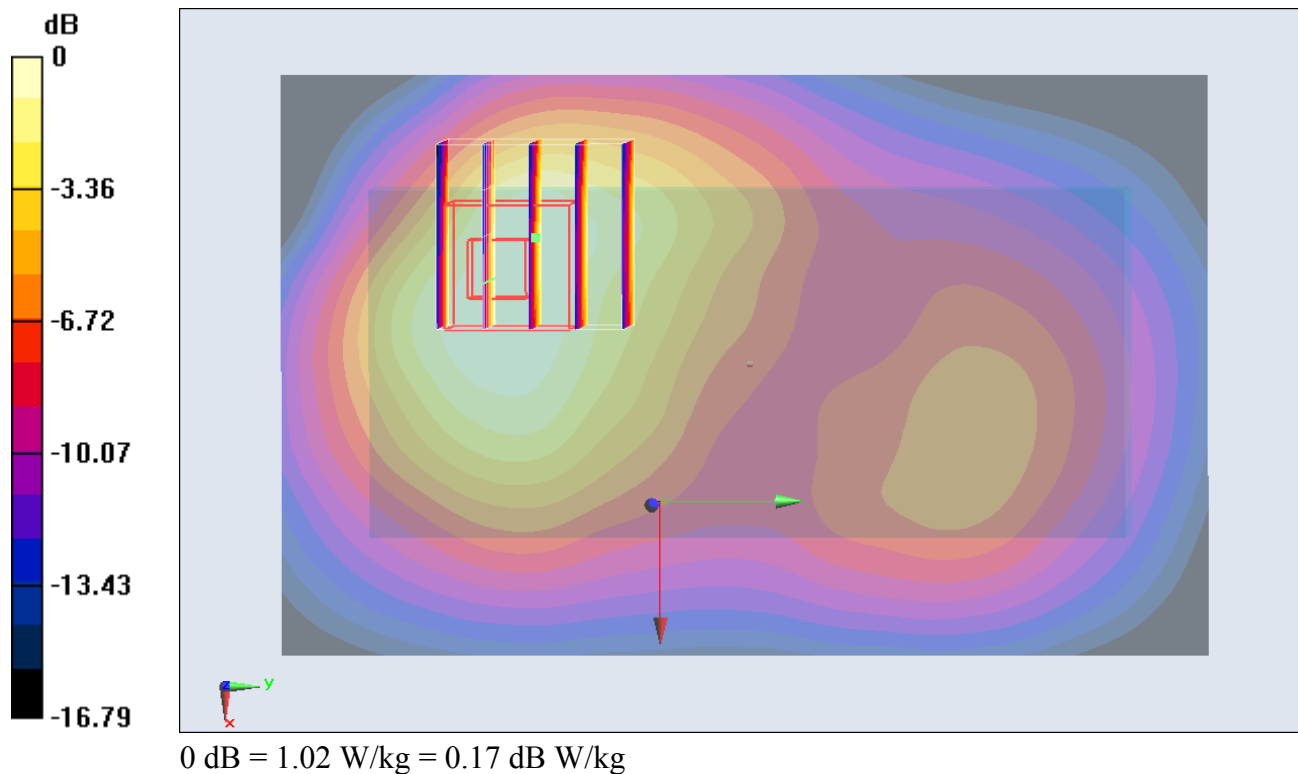
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.449 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.573 mW/g

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 1.02 W/kg



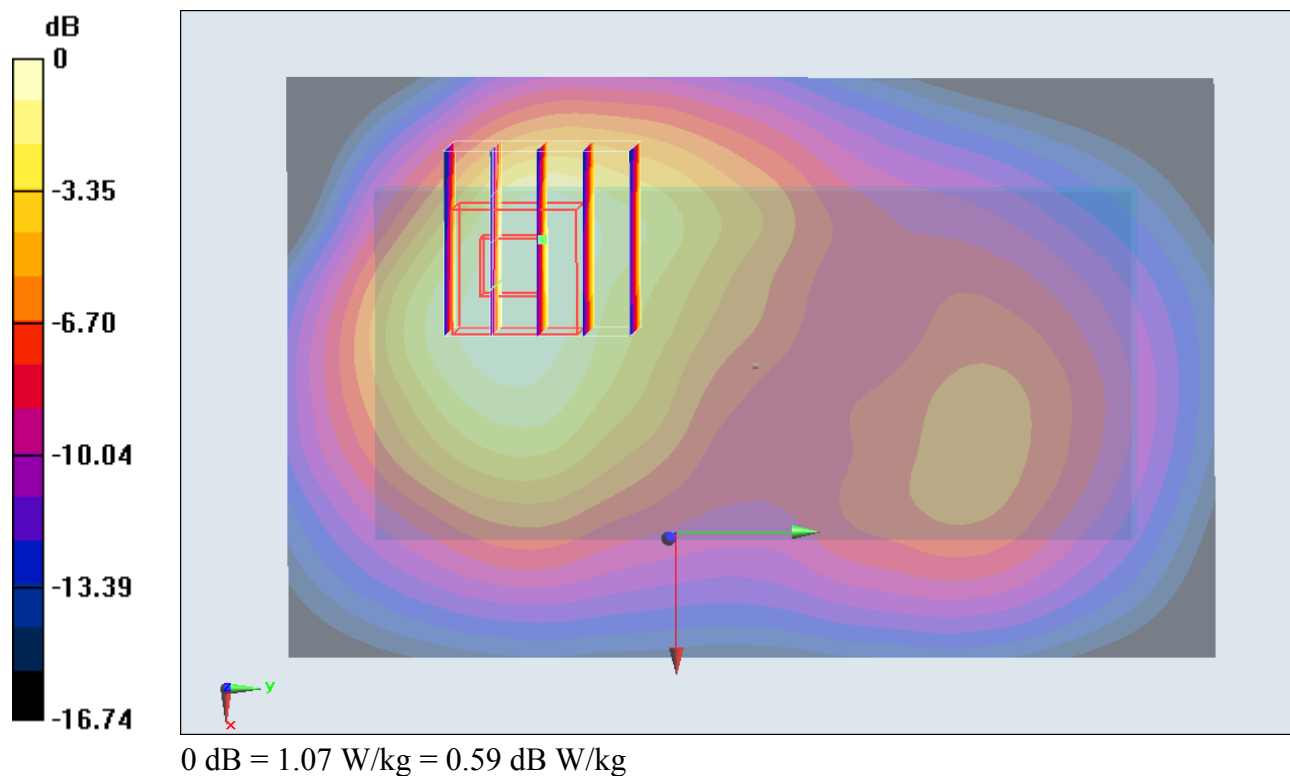
#50_WCDMA IV_RMC12.2K_Back_1cm_Ch1513;Headset**DUT: 291928**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121017 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.349$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.11 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 11.530 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 1.696 mW/g **SAR(1 g) = 0.989 mW/g ; SAR(10 g) = 0.576 mW/g** Maximum value of SAR (measured) = 1.07 W/kg 

#15_WCDMA II_RMC12.2K_Front_1cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.594 W/kg

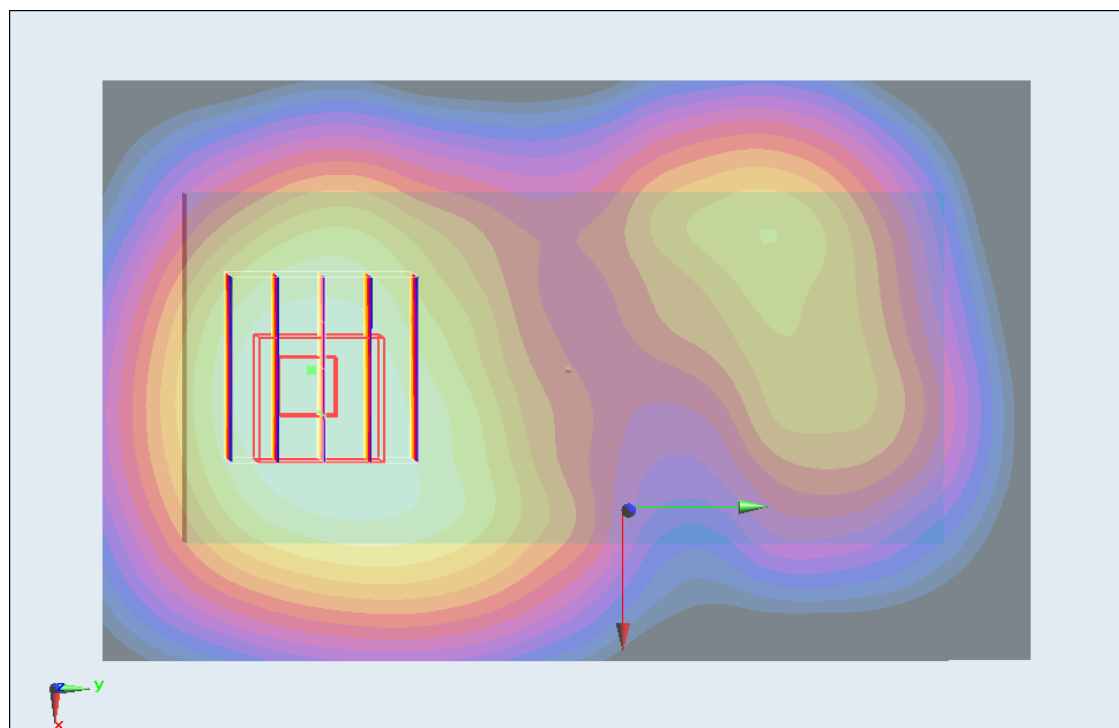
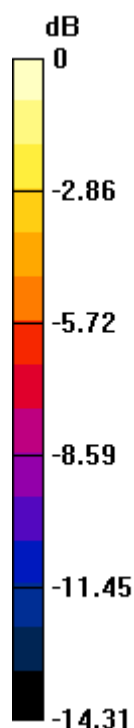
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.238 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.842 mW/g

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -4.91 dB W/kg

#16_WCDMA II_RMC12.2K_Back_1cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

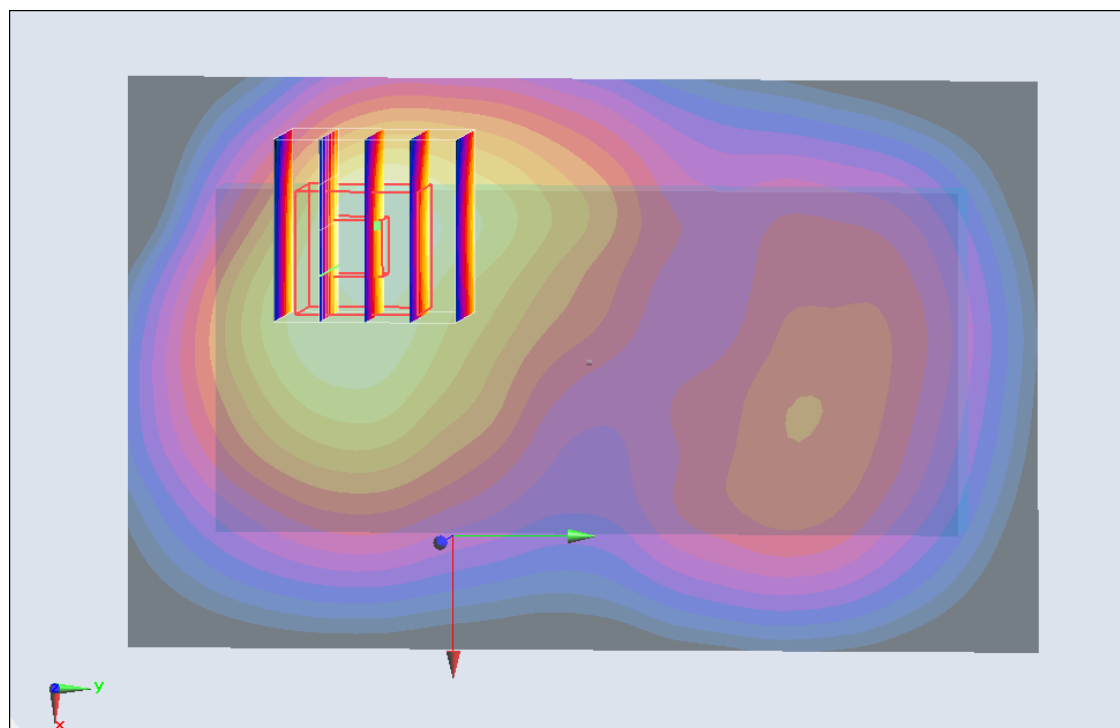
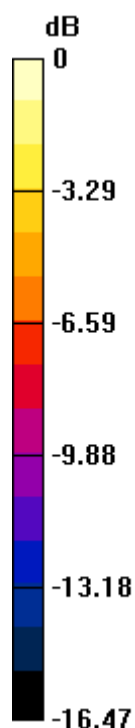
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.208 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.804 mW/g

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.51 dB W/kg

#17_WCDMA II_RMC12.2K_Back_1cm_Ch9262**DUT: 291928**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121023 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.057$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.13, 7.13, 7.13); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

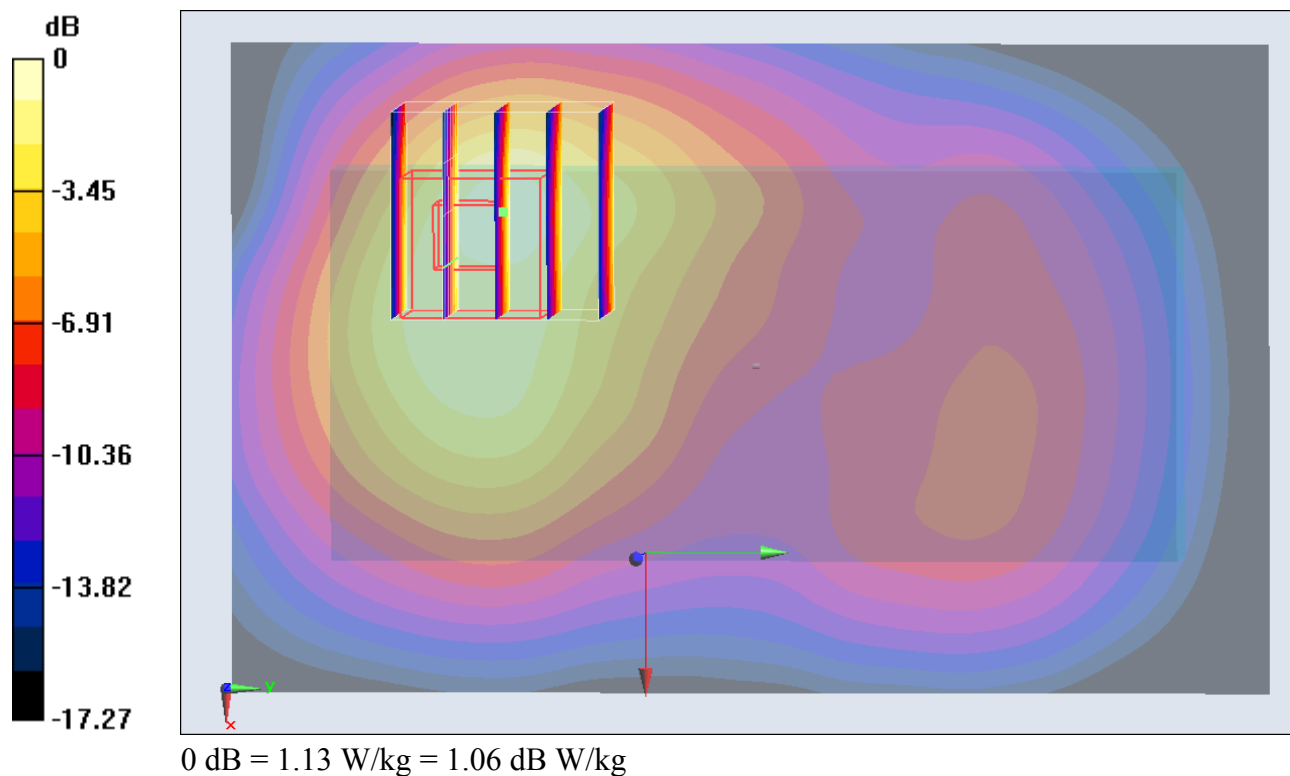
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.315 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.897 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.13 W/kg



#17_WCDMA II_RMC12.2K_Back_1cm_Ch9262_2D**DUT: 291928**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121023 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.057$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.13, 7.13, 7.13); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

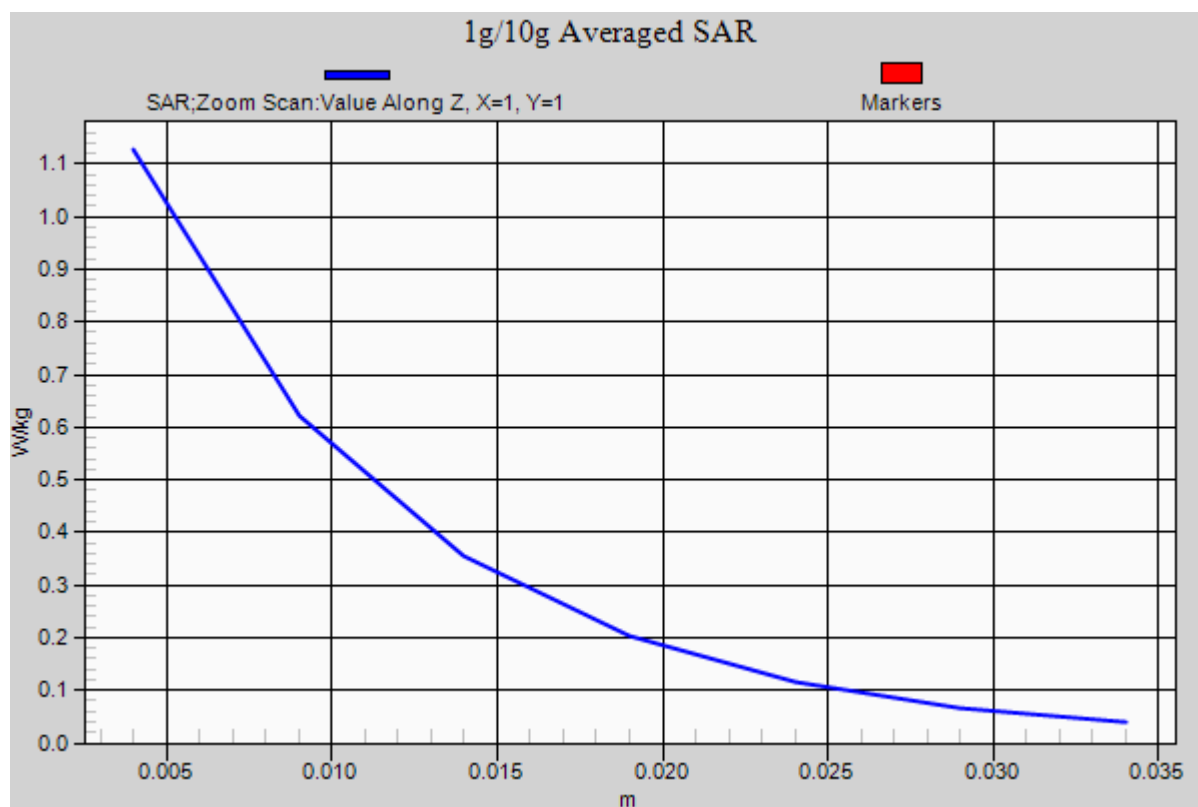
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.315 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.897 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.13 W/kg



#18_WCDMA II_RMC12.2K_Back_1cm_Ch9538**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.554$ mho/m; $\epsilon_r = 53.222$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

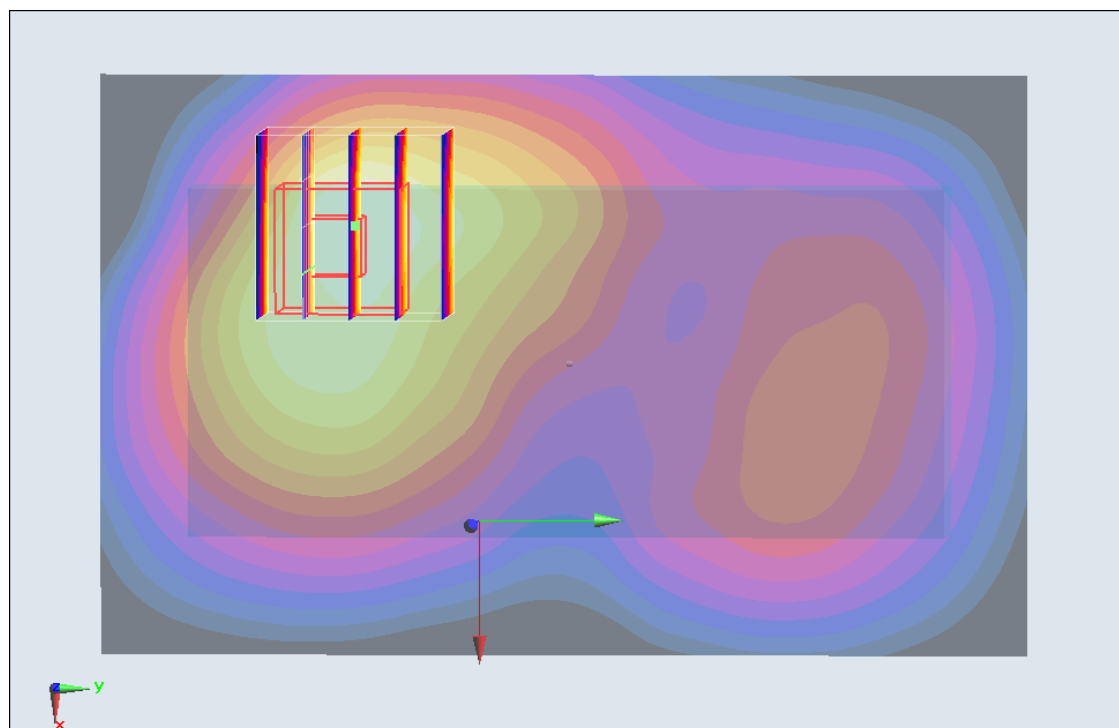
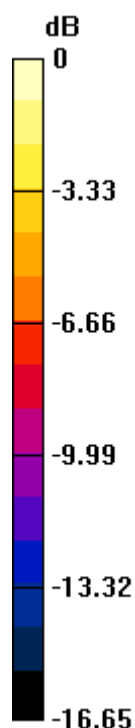
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.765 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.745 mW/g

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.34 dB W/kg

#19_WCDMA II_RMC12.2K_Left Side_1cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

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

Reference Value = 6.652 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.334 mW/g

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.224 W/kg

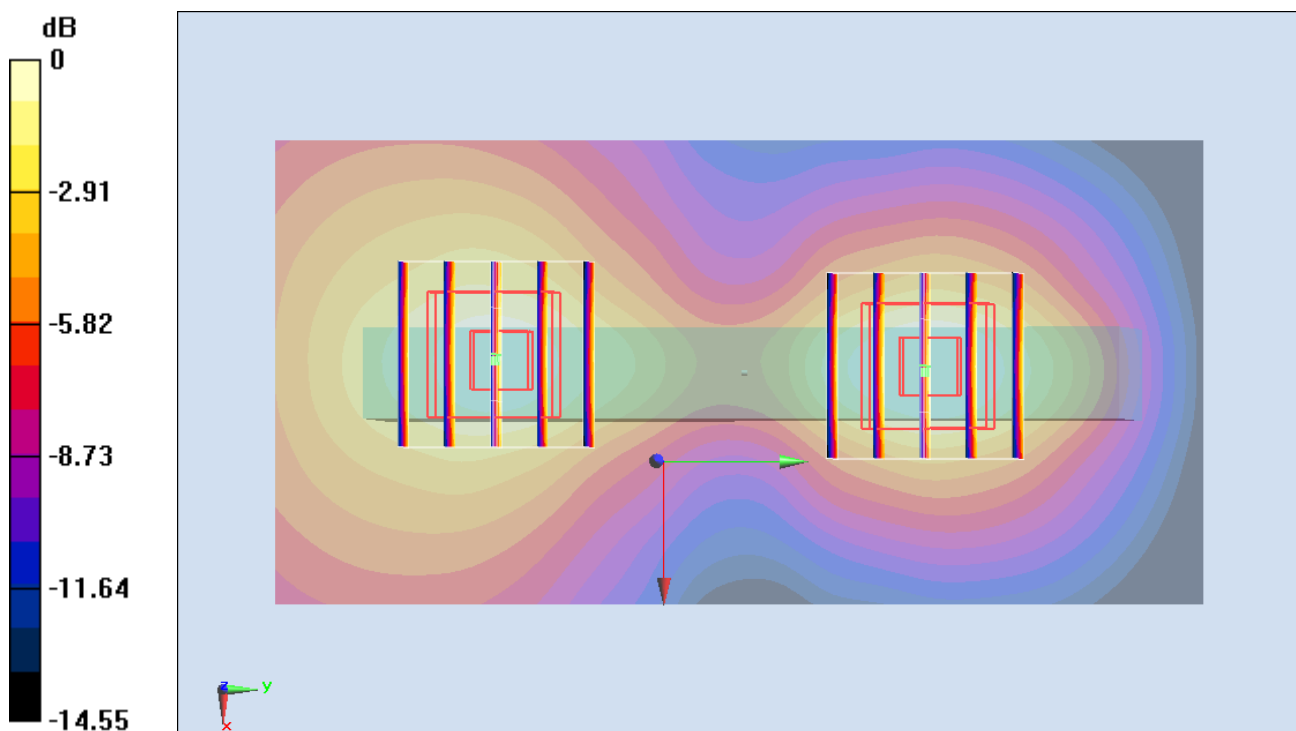
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.652 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.305 mW/g

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.210 W/kg



#20_WCDMA II_RMC12.2K_Right Side_1cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.525 W/kg

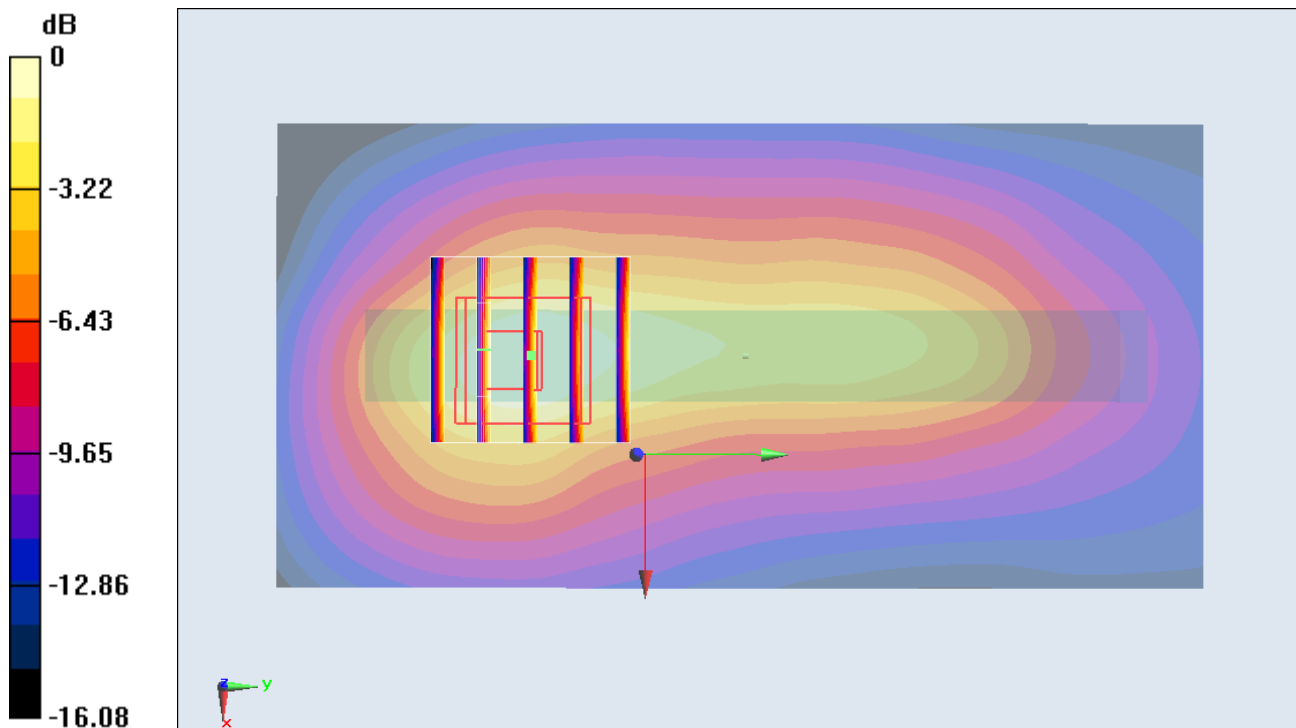
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.869 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.756 mW/g

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.479 W/kg



#21_WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x61x1): Interpolated grid: $dx=2.000$ mm, $dy=2.000$ mm

Maximum value of SAR (interpolated) = 0.238 W/kg

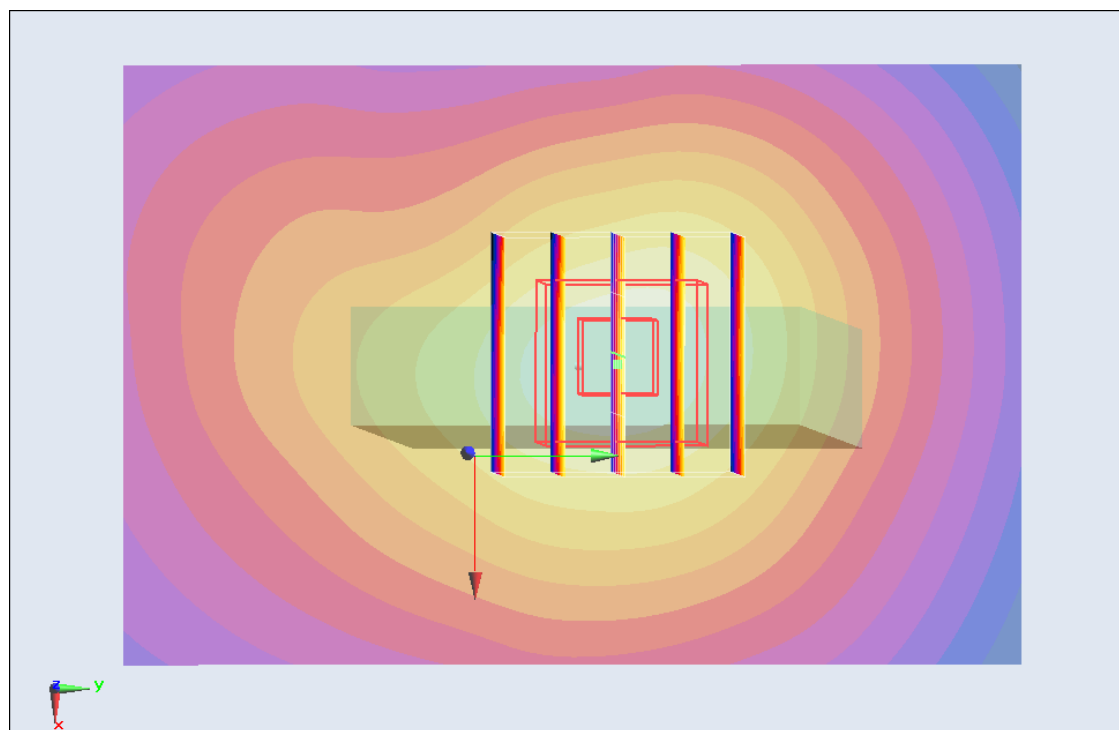
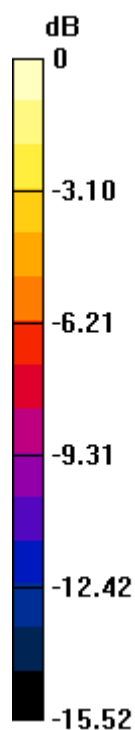
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.334 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.365 mW/g

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -12.15 dB W/kg

#107_WCDMA II_RMC12.2K_Front_1.5cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.236$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.393 W/kg

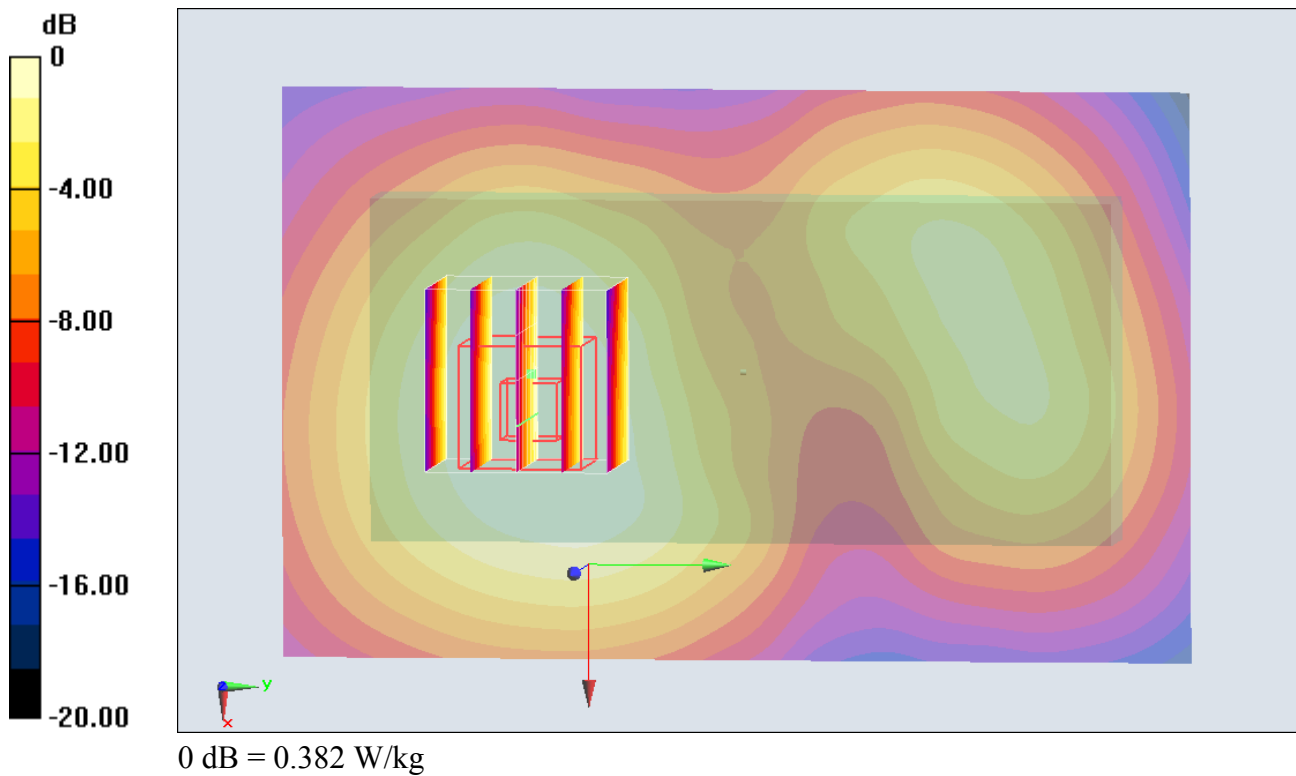
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.919 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.570 mW/g

SAR(1 g) = 0.359 mW/g ; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.382 W/kg



#108_WCDMA II_RMC12.2K_Back_1.5cm_Ch9400**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.236$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.504 W/kg

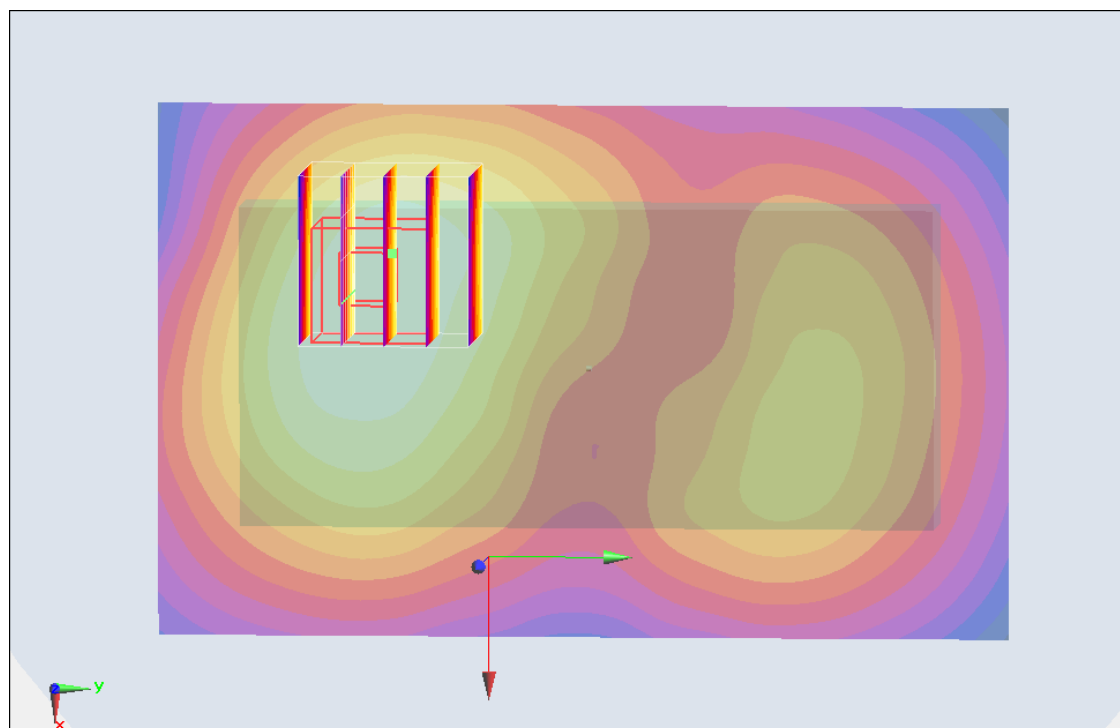
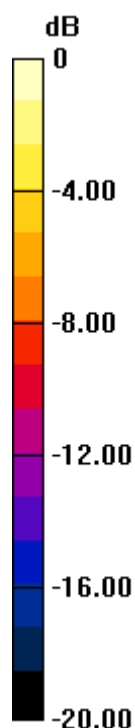
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.370 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.802 mW/g

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg

#109_WCDMA II_RMC12.2K_Back_1.5cm_Ch9400;Headset**DUT: 291928**

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

Medium: MSL_1900_121027 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.236$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.571 W/kg

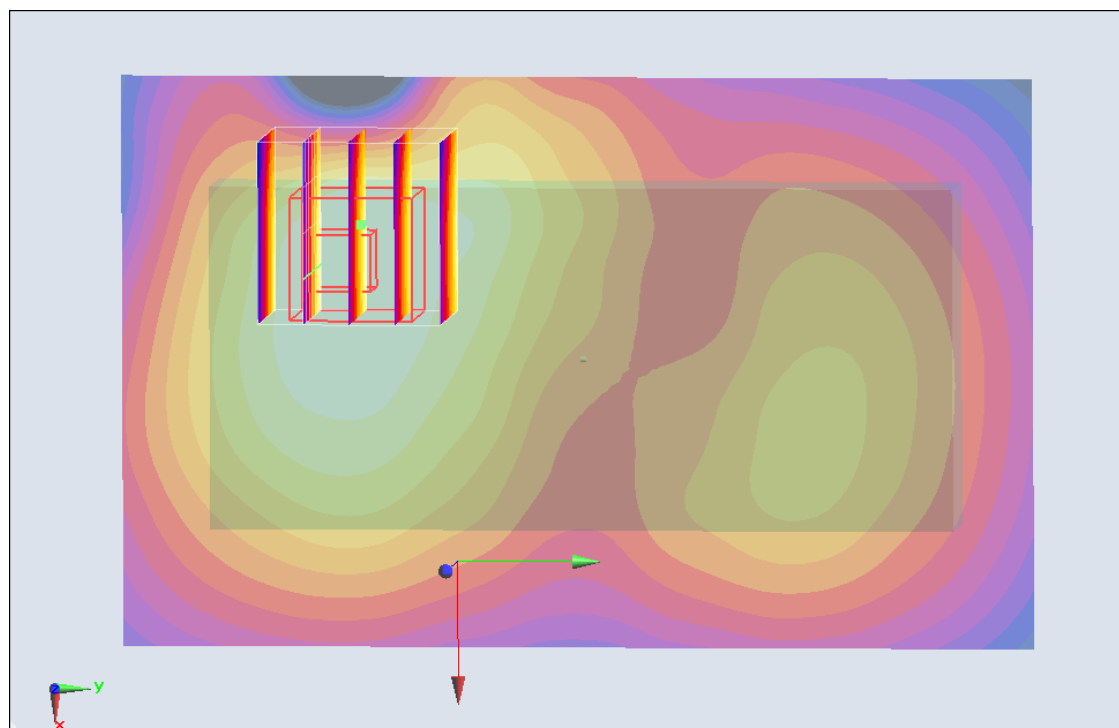
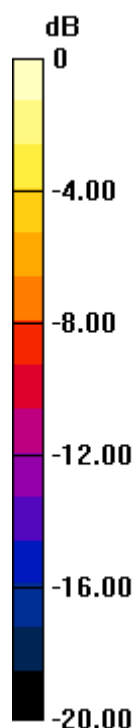
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.930 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.783 mW/g

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg

#23_WCDMA II_RMC12.2K_Back_1cm_Ch9400;Headset**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.341$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

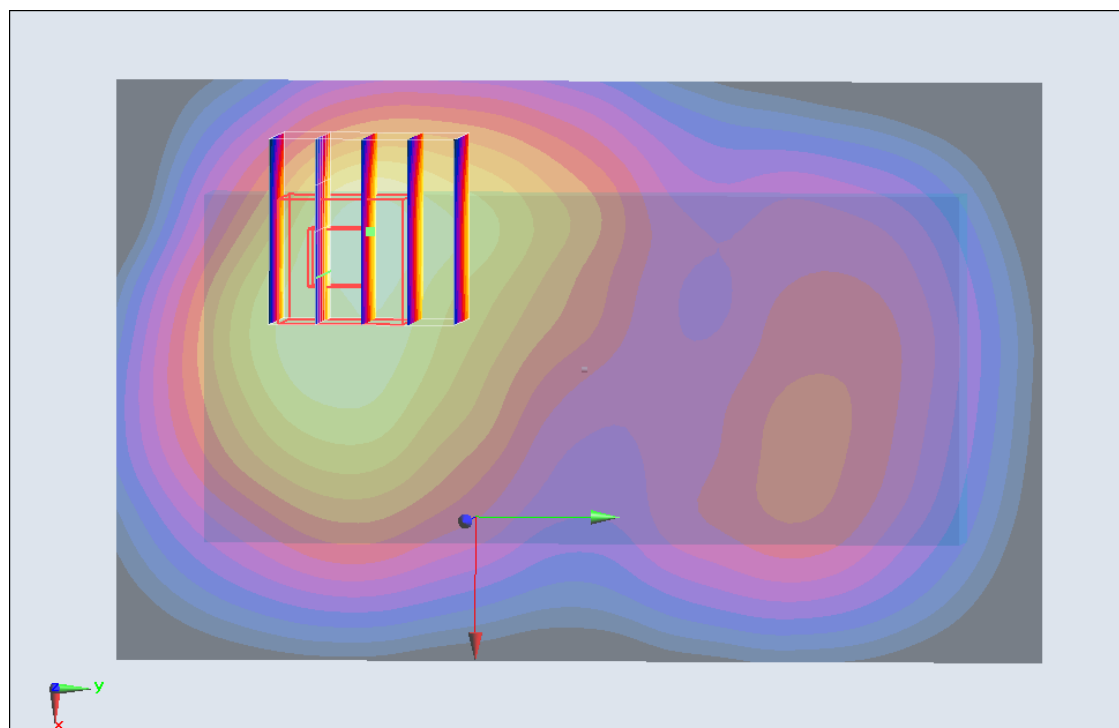
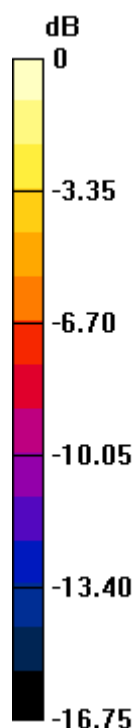
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.102 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.763 mW/g

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.51 dB W/kg

#22_WCDMA II_RMC12.2K_Back_1cm_Ch9262;Headset**DUT: 291928**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121116 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.495$ mho/m; $\epsilon_r = 52.68$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

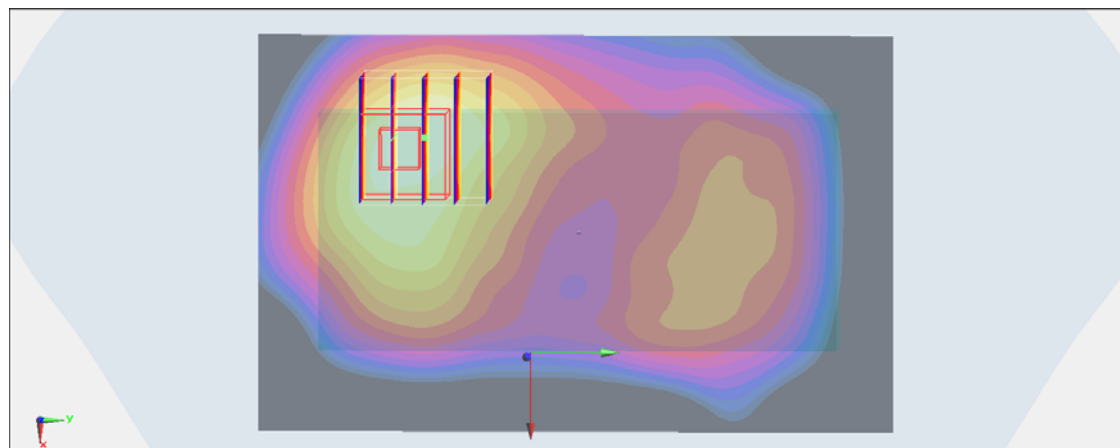
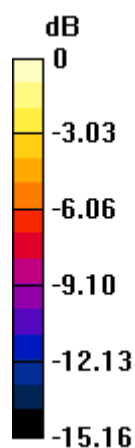
Ch9262/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.623 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 1.608 mW/g

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

#24_WCDMA II_RMC12.2K_Back_1cm_Ch9538;Headset**DUT: 291928**

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

Medium: MSL_1900_121016 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.554$ mho/m; $\epsilon_r = 53.222$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x81x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

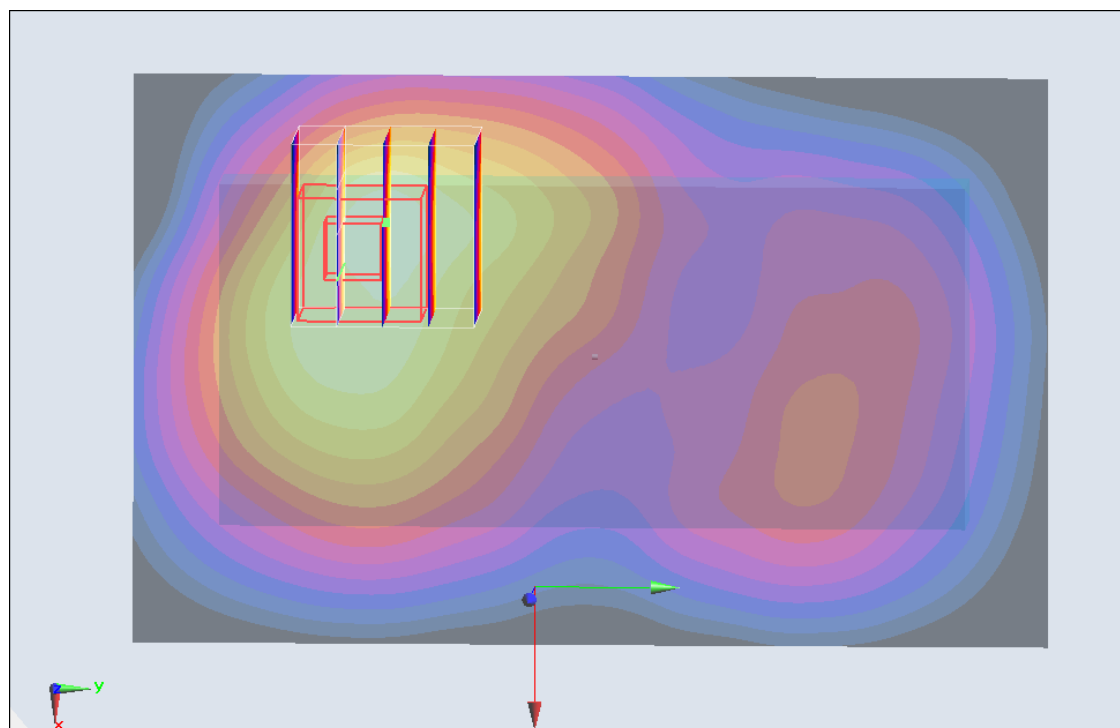
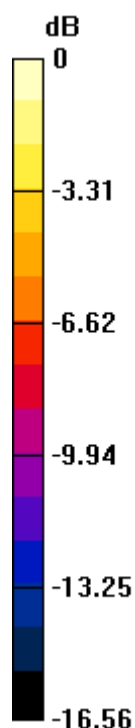
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.993 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.748 mW/g

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.34 dB W/kg

#59_WLAN2.4G_802.11b_Front_1cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0483 mW/g

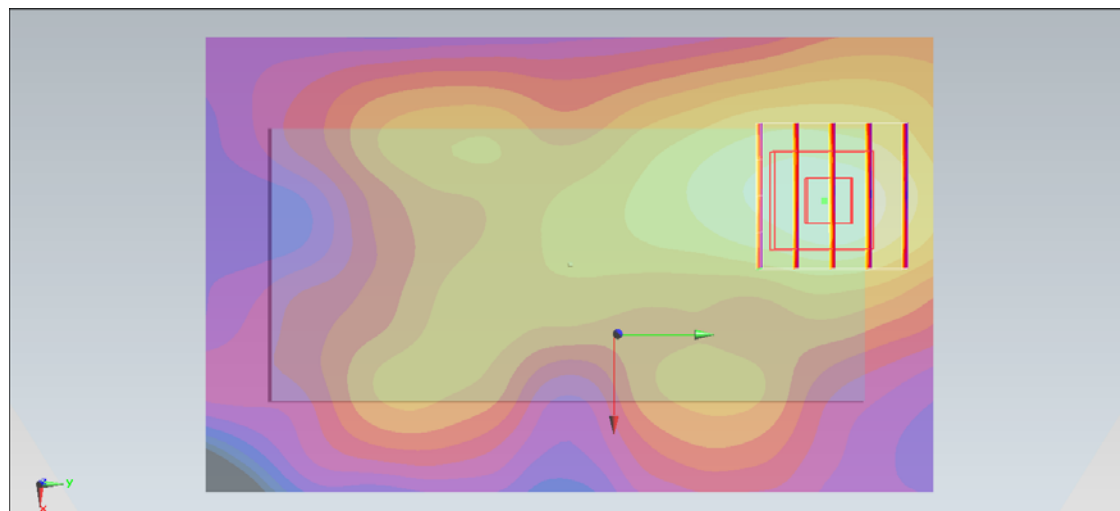
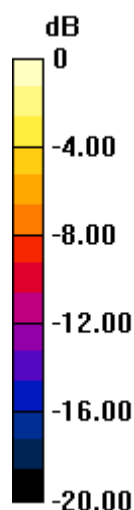
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.958 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.075 mW/g

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0474 mW/g



0 dB = 0.0474 mW/g = -26.48 dB mW/g

#60_WLAN2.4G_802.11b_Back_1cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.133 mW/g

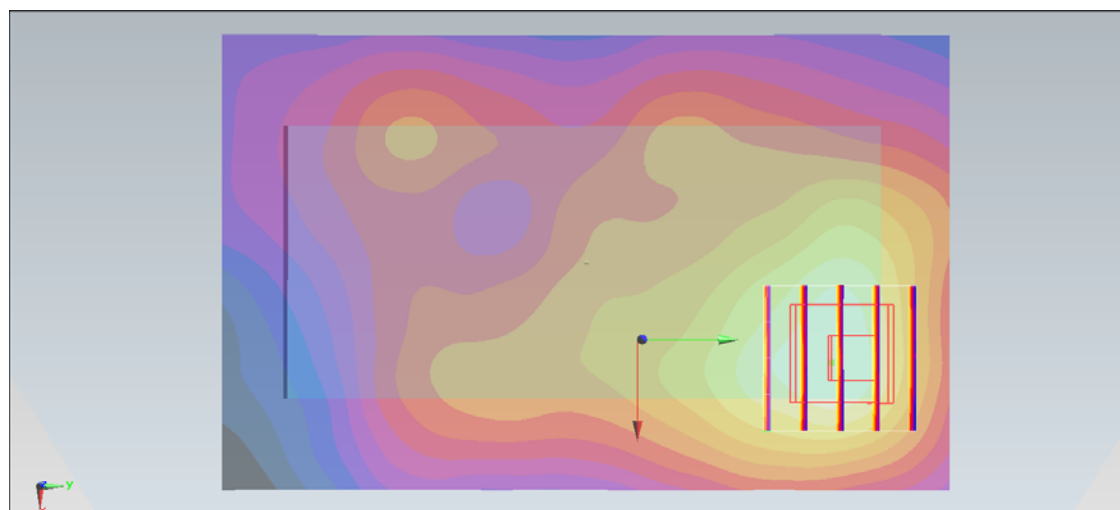
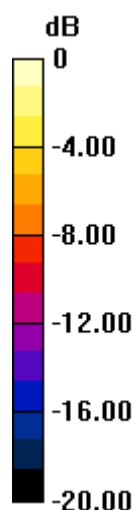
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.313 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.218 mW/g

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.125 mW/g = -18.06 dB mW/g

#60_WLAN2.4G_802.11b_Back_1cm_Ch11_2D**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.133 mW/g

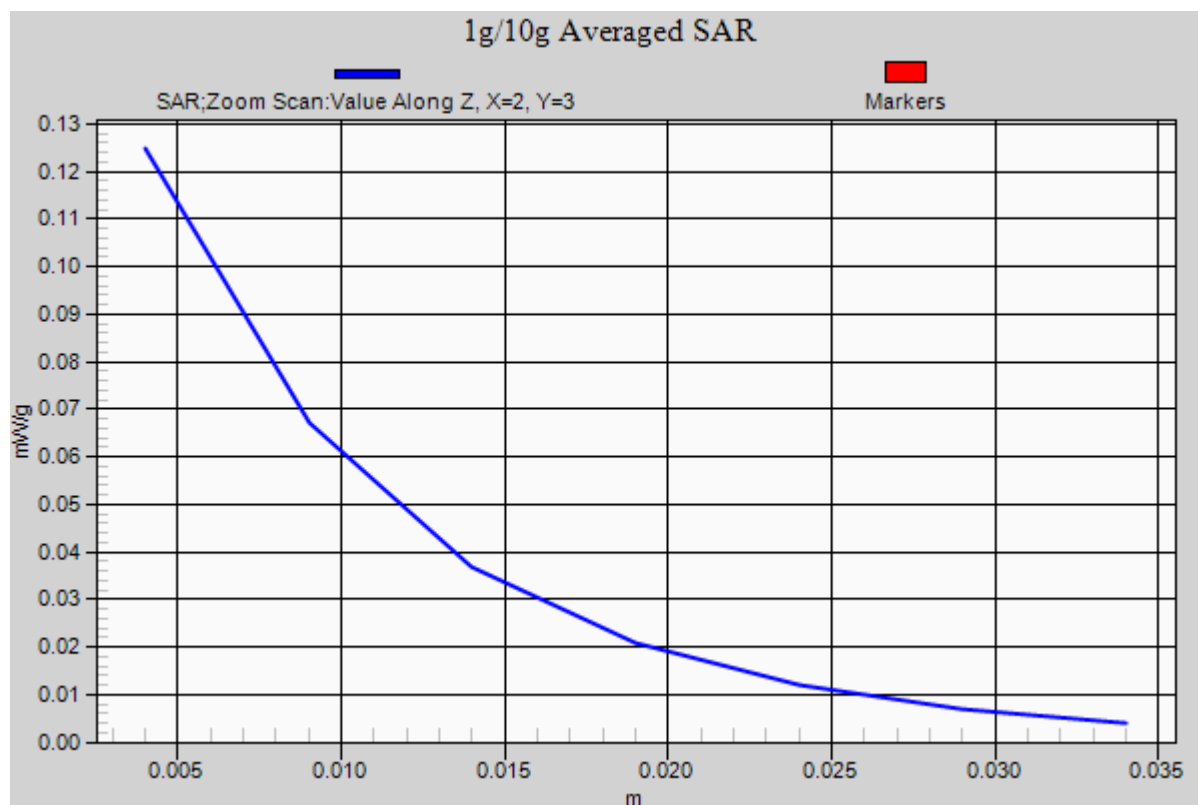
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.313 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.218 mW/g

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



#62_WLAN2.4G_802.11b_Left Side_1cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0431 mW/g

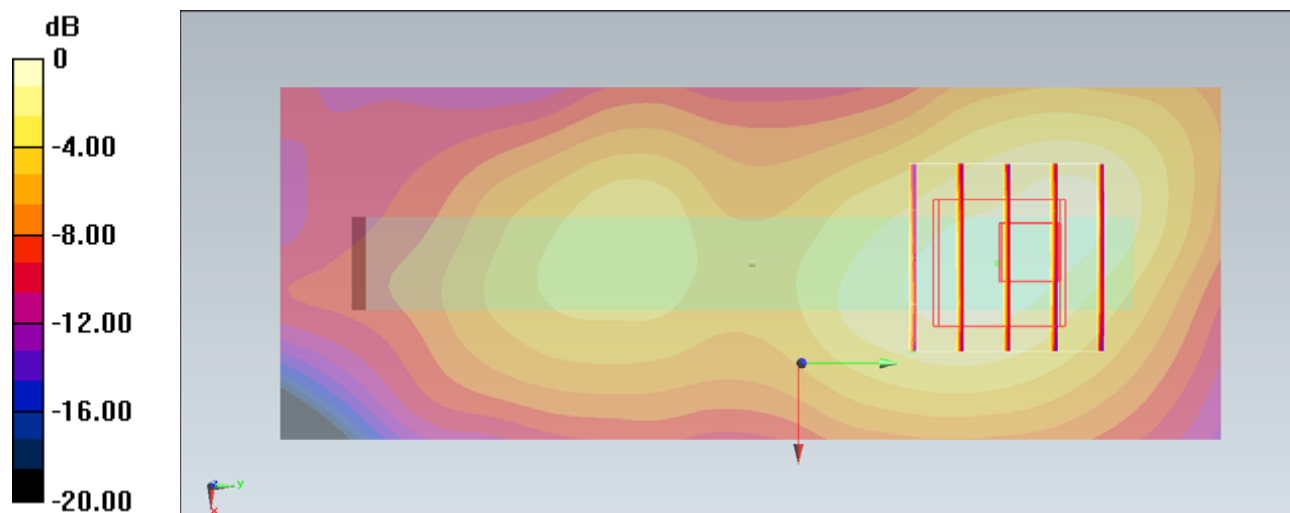
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.090 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.078 mW/g

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0481 mW/g



0 dB = 0.0481 mW/g = -26.36 dB mW/g

#64_WLAN2.4G_802.11b_Top Side_1cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0792 mW/g

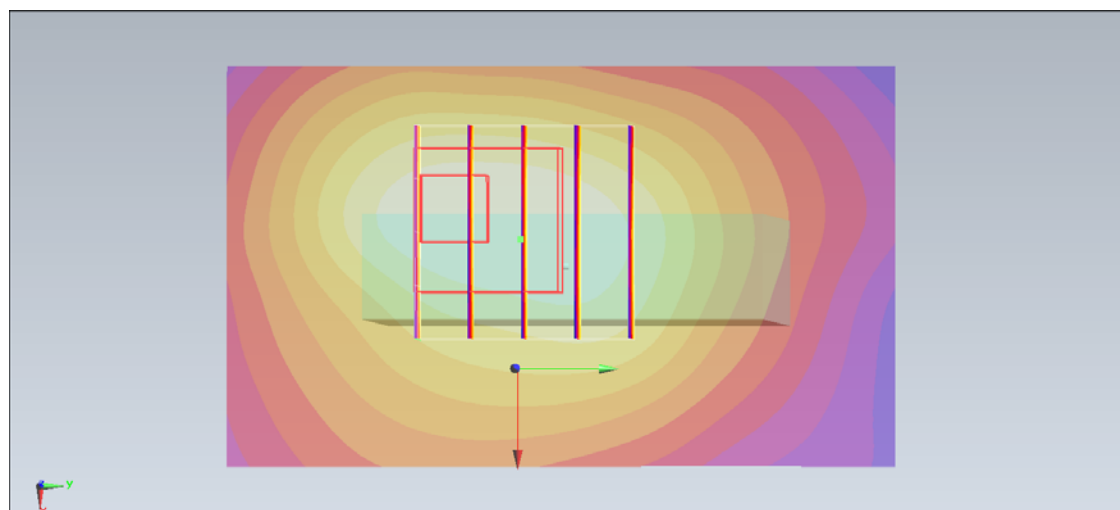
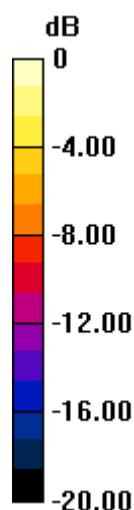
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.457 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.129 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.0725 mW/g



0 dB = 0.0725 mW/g = -22.79 dB mW/g

#113_WLAN2.4G_802.11b_Front_1.5cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121027 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00708 W/kg

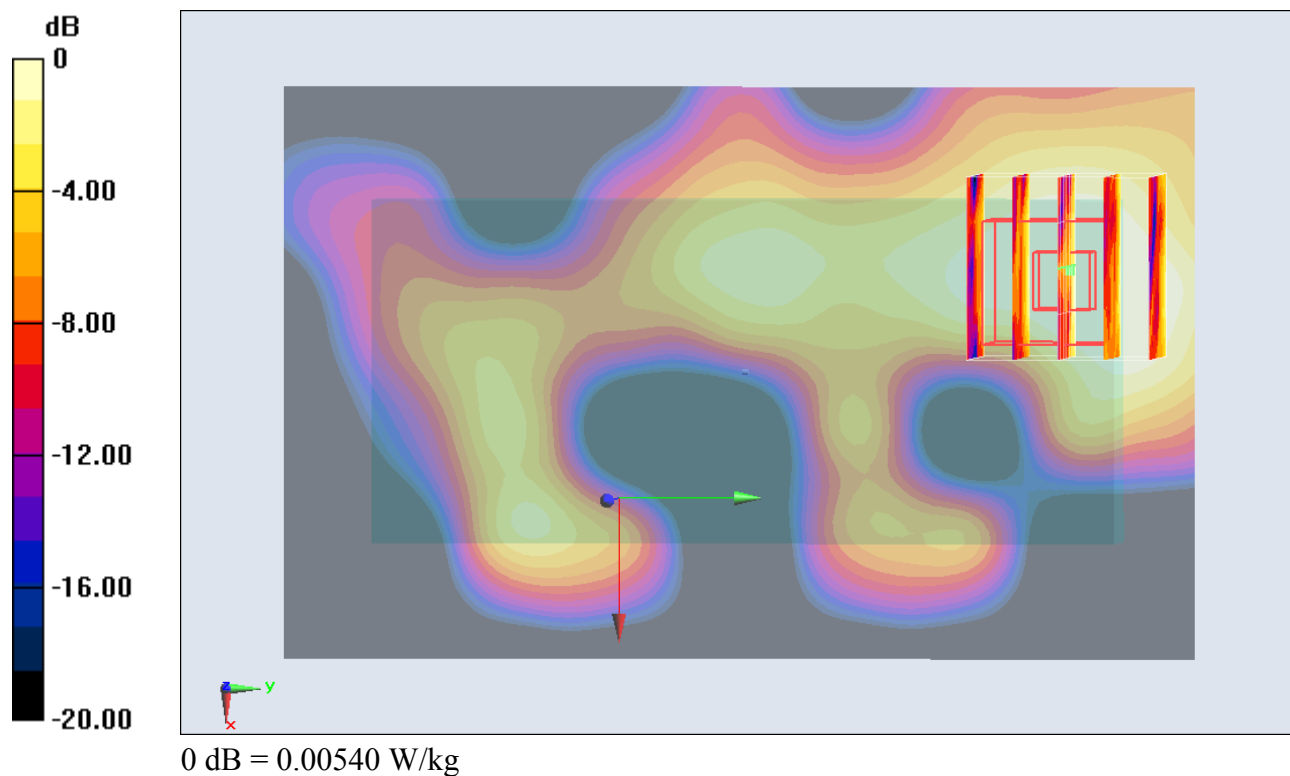
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.776 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.015 mW/g

SAR(1 g) = 0.00409 mW/g; SAR(10 g) = 0.00175 mW/g

Maximum value of SAR (measured) = 0.00540 W/kg



#114_WLAN2.4G_802.11b_Back_1.5cm_Ch11**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121027 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0153 W/kg

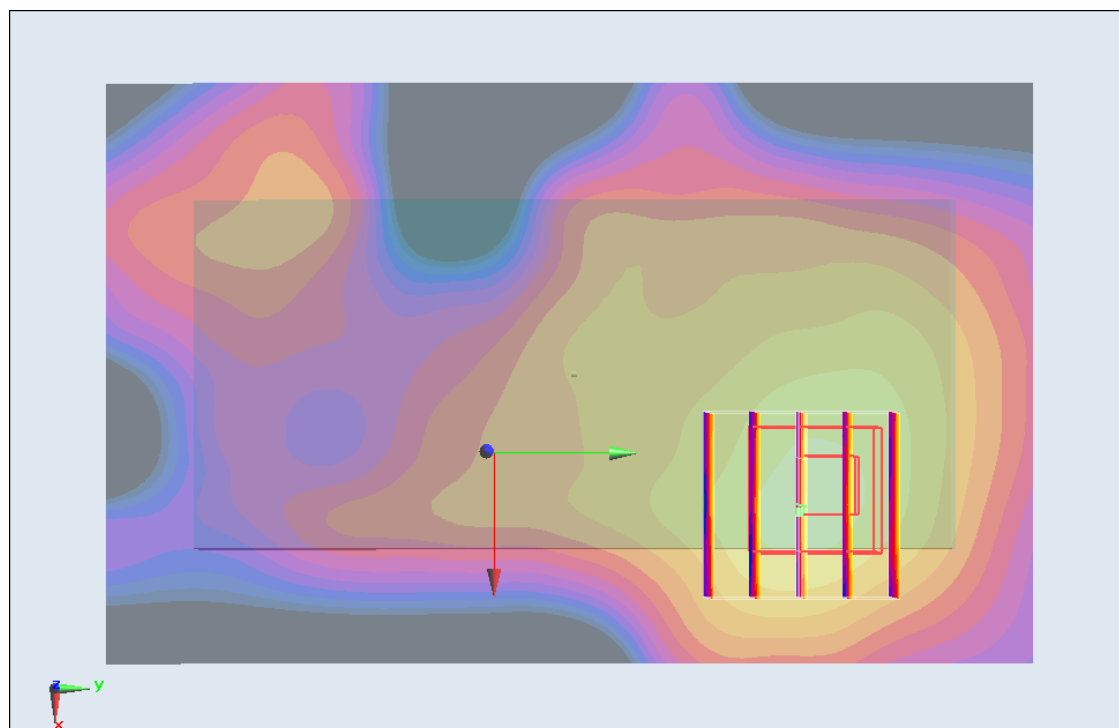
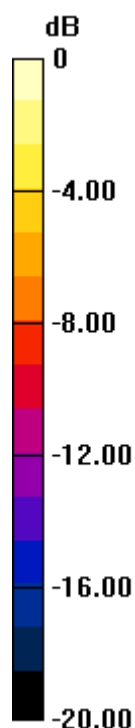
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.316 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.047 mW/g

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0234 W/kg



0 dB = 0.0234 W/kg

#115_WLAN2.4G_802.11b_Back_1.5cm_Ch11;Headset**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121027 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2012/6/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0202 W/kg

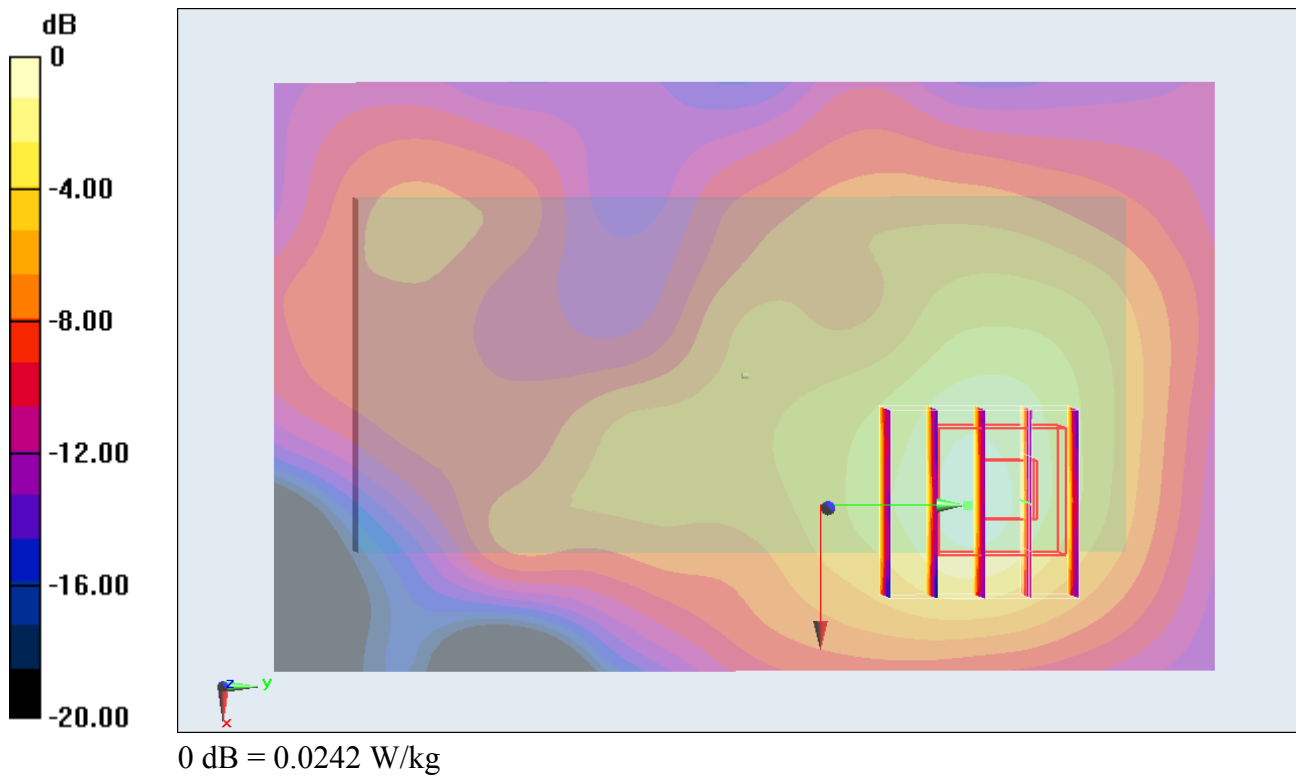
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.620 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.044 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.0242 W/kg



#61_WLAN2.4G_802.11b_Back_1cm_Ch11;Headset**DUT: 291928**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121019 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.985$ mho/m; $\epsilon_r = 53.758$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.129 mW/g

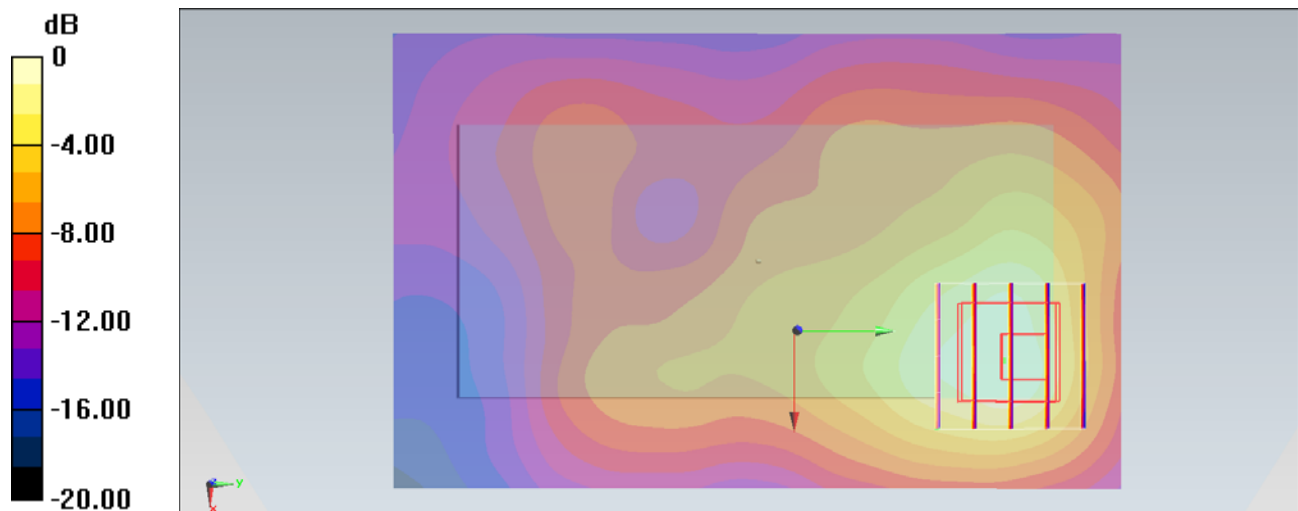
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.531 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.212 mW/g

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.121 mW/g = -18.34 dB mW/g

#82_WLAN5G_802.11a_Front_1.5cm_Ch36**DUT: 291928**

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

Medium: MSL_5G_121024 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.221$ mho/m; $\epsilon_r = 47.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0362 mW/g

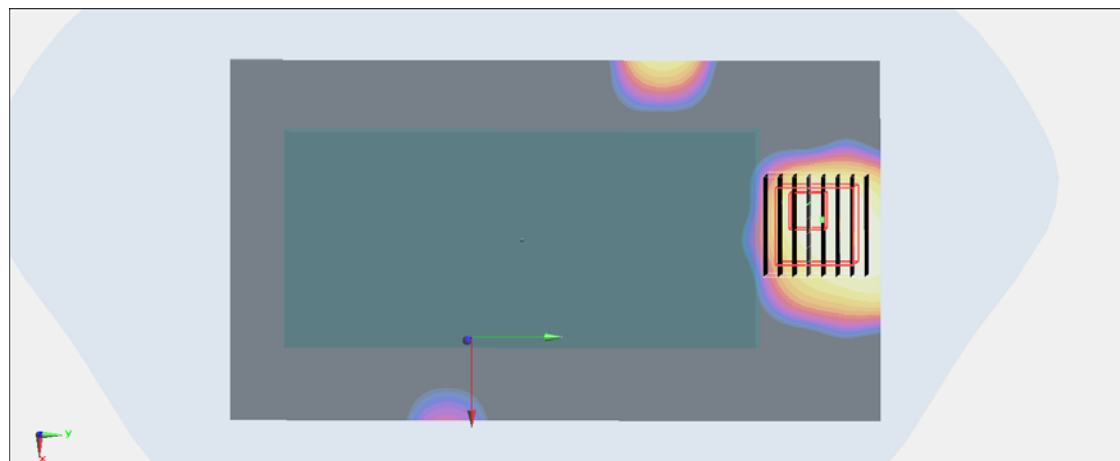
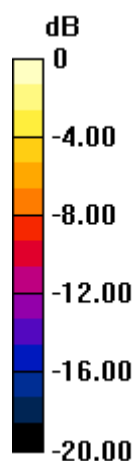
Ch36/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.535 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.162 mW/g

SAR(1 g) = 0.007 mW/g; SAR(10 g) = 0.00075 mW/g

Maximum value of SAR (measured) = 0.0289 mW/g



0 dB = 0.0289 mW/g = -30.78 dB mW/g

#83_WLAN5G_802.11a_Back_1.5cm_Ch36**DUT: 291928**

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

Medium: MSL_5G_121024 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.221$ mho/m; $\epsilon_r = 47.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.277 mW/g

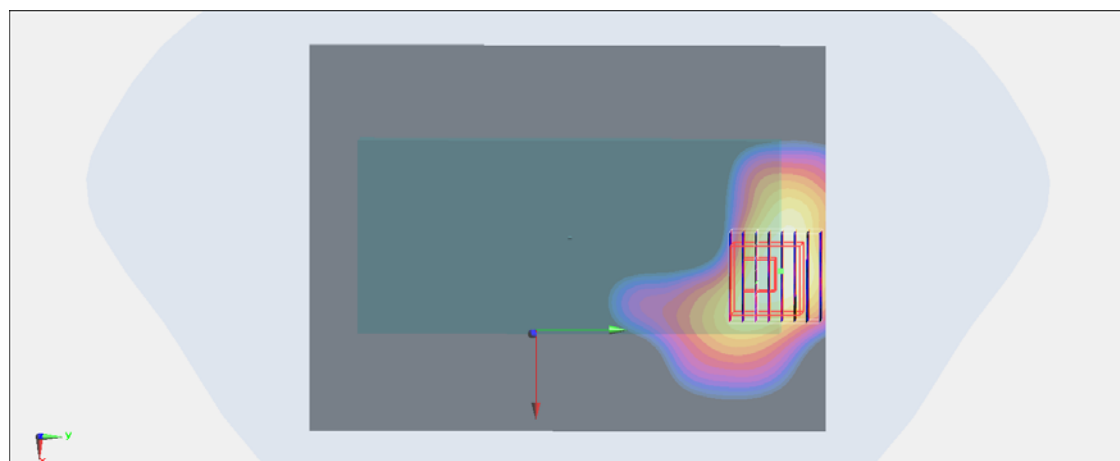
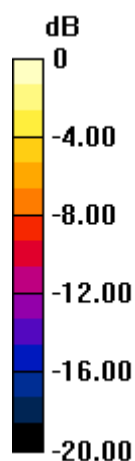
Ch36/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.660 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.664 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236 mW/g = -12.54 dB mW/g

#84_WLAN5G_802.11a_Back_1.5cm_Ch36;Headset**DUT: 291928**

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

Medium: MSL_5G_121024 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.221$ mho/m; $\epsilon_r = 47.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.253 mW/g

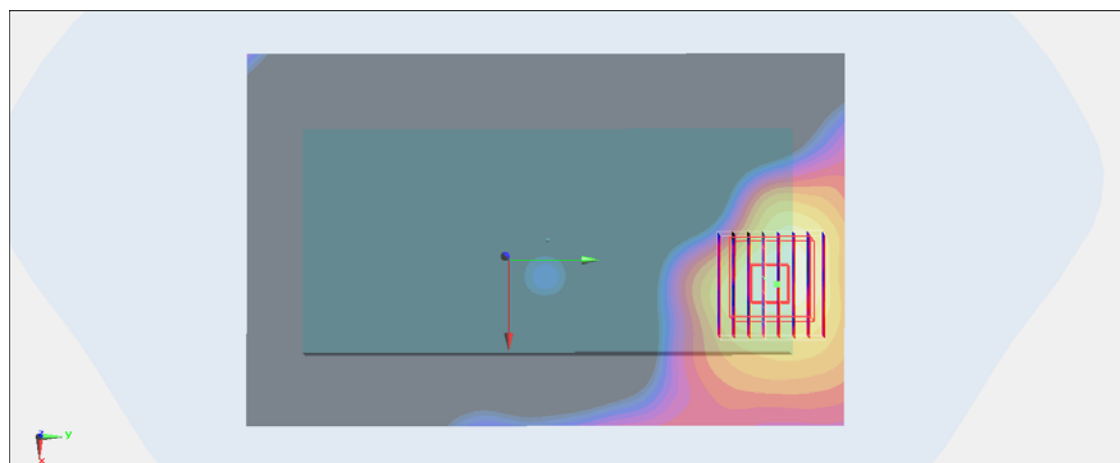
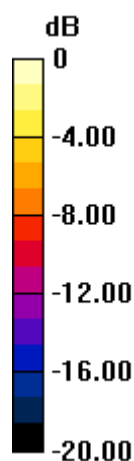
Configuration/Ch36/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.990 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.446 mW/g

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.243 mW/g



#84_WLAN5G_802.11a_Back_1.5cm_Ch36;Headset_2D**DUT: 291928**

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

Medium: MSL_5G_121024 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.221$ mho/m; $\epsilon_r = 47.539$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.253 mW/g

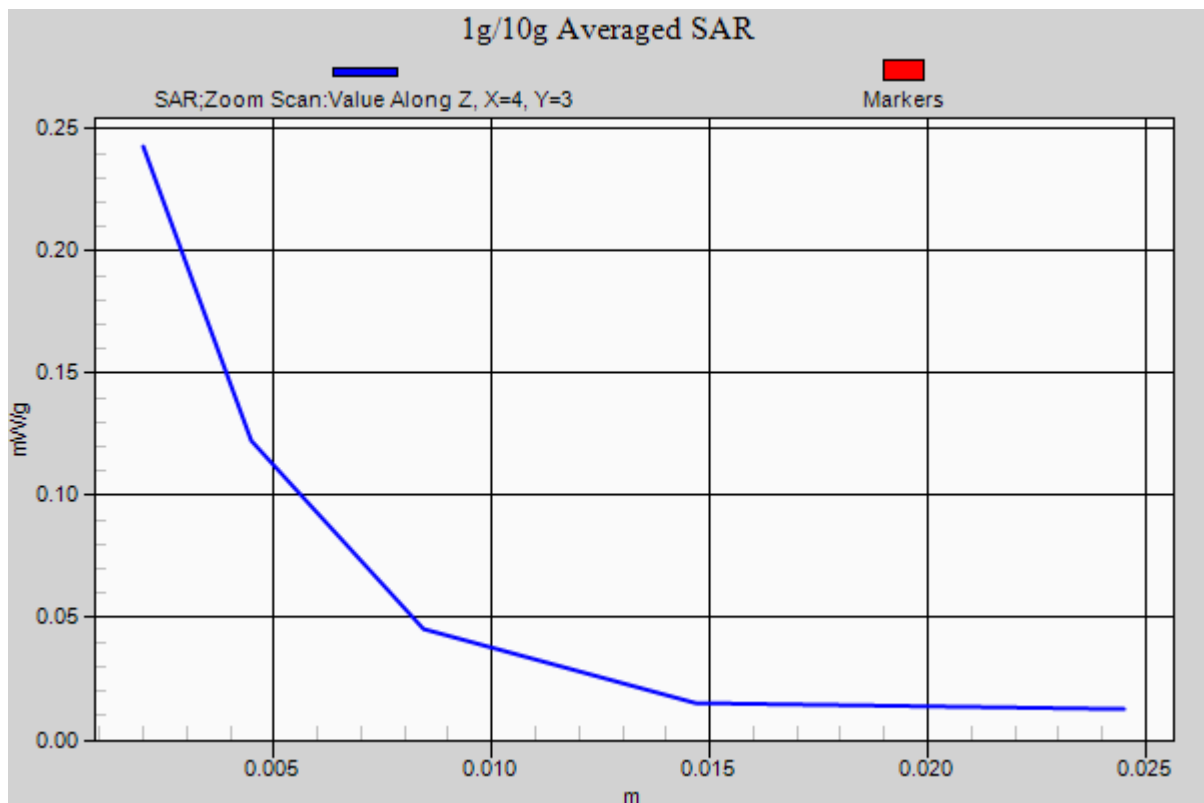
Ch36/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.990 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.446 mW/g

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.243 mW/g



#95_WLAN5G_802.11a_Back_1cm_Ch36;Headset**DUT: 291928**

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

Medium: MSL_5G_121020 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.104$ mho/m; $\epsilon_r = 47.493$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x161x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

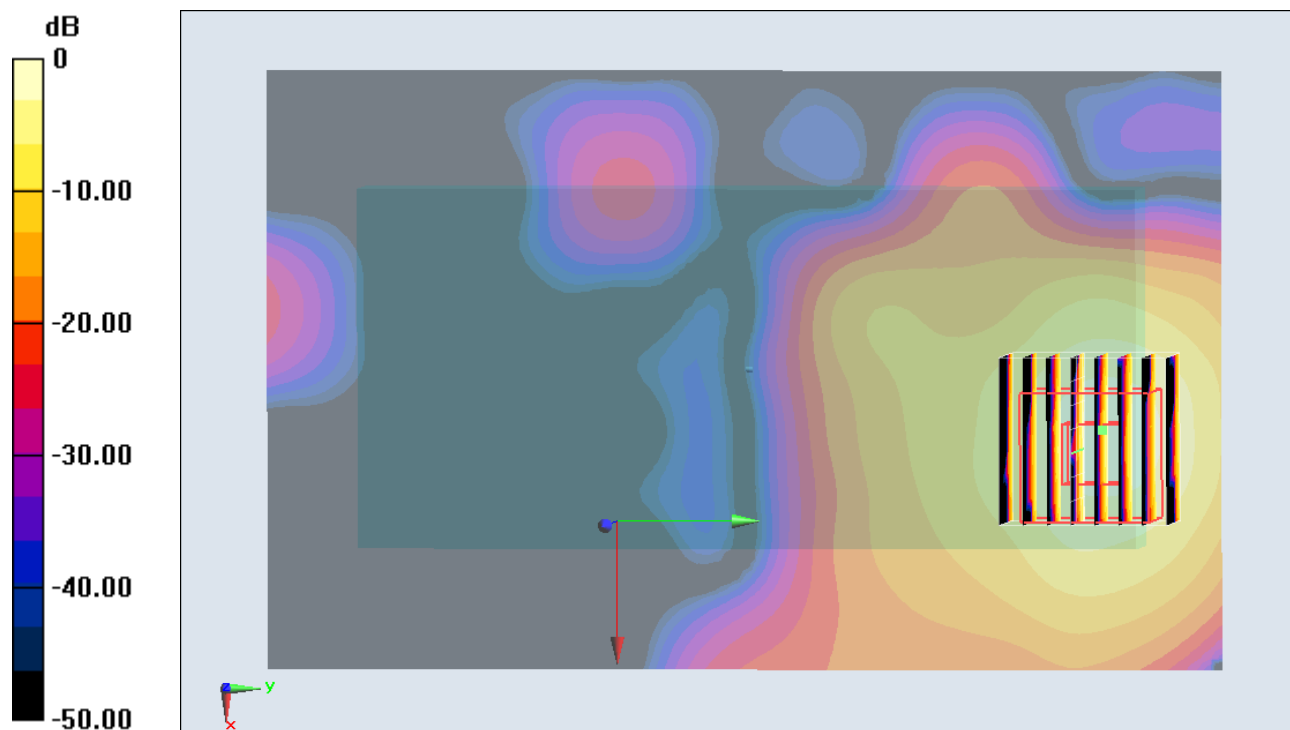
Ch36/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.583 mW/g

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 1.47 W/kg



#85_WLAN5G_802.11a_Front_1.5cm_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch60/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0328 mW/g

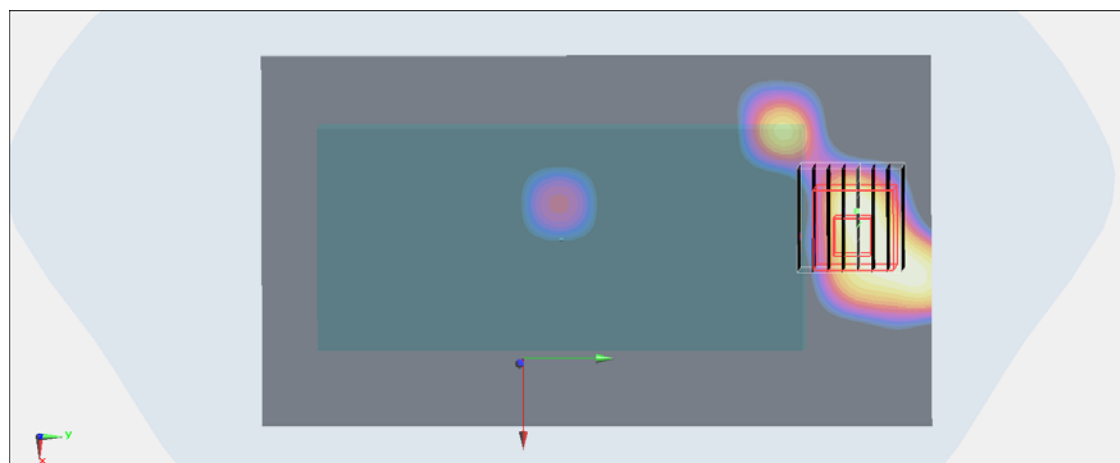
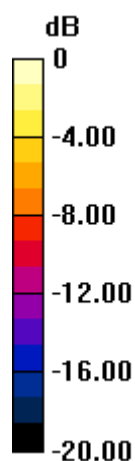
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.349 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.135 mW/g

SAR(1 g) = 0.00084 mW/g; SAR(10 g) = 0.000149 mW/g

Maximum value of SAR (measured) = 0.0247 mW/g



0 dB = 0.0247 mW/g = -32.15 dB mW/g

#86_WLAN5G_802.11a_Back_1.5cm_Ch60**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.275$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch60/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.259 mW/g

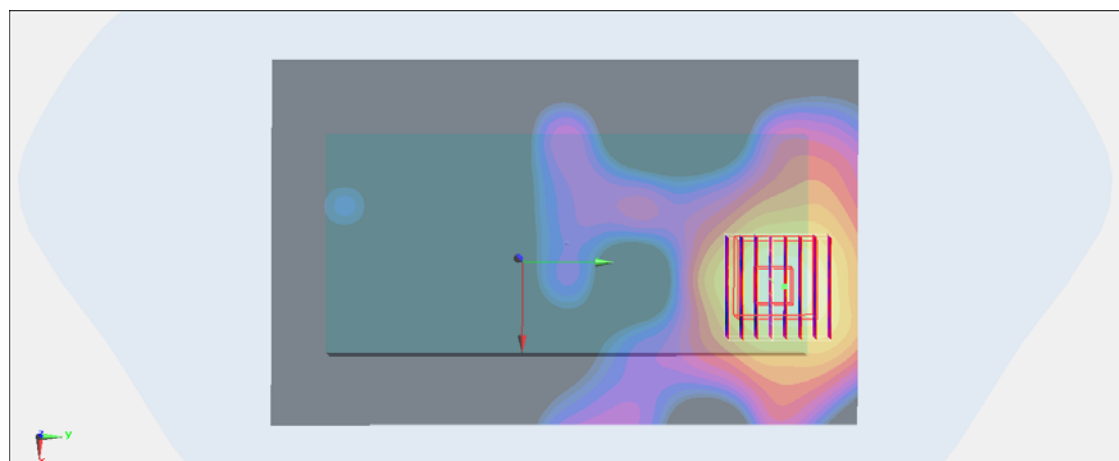
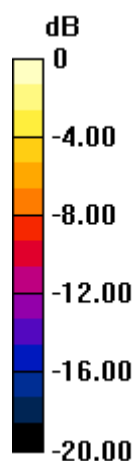
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 2.532 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.506 mW/g

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.266 mW/g = -11.50 dB mW/g

#86_WLAN5G_802.11a_Back_1.5cm_Ch60_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.275$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch60/Area Scan (101x161x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.259 mW/g

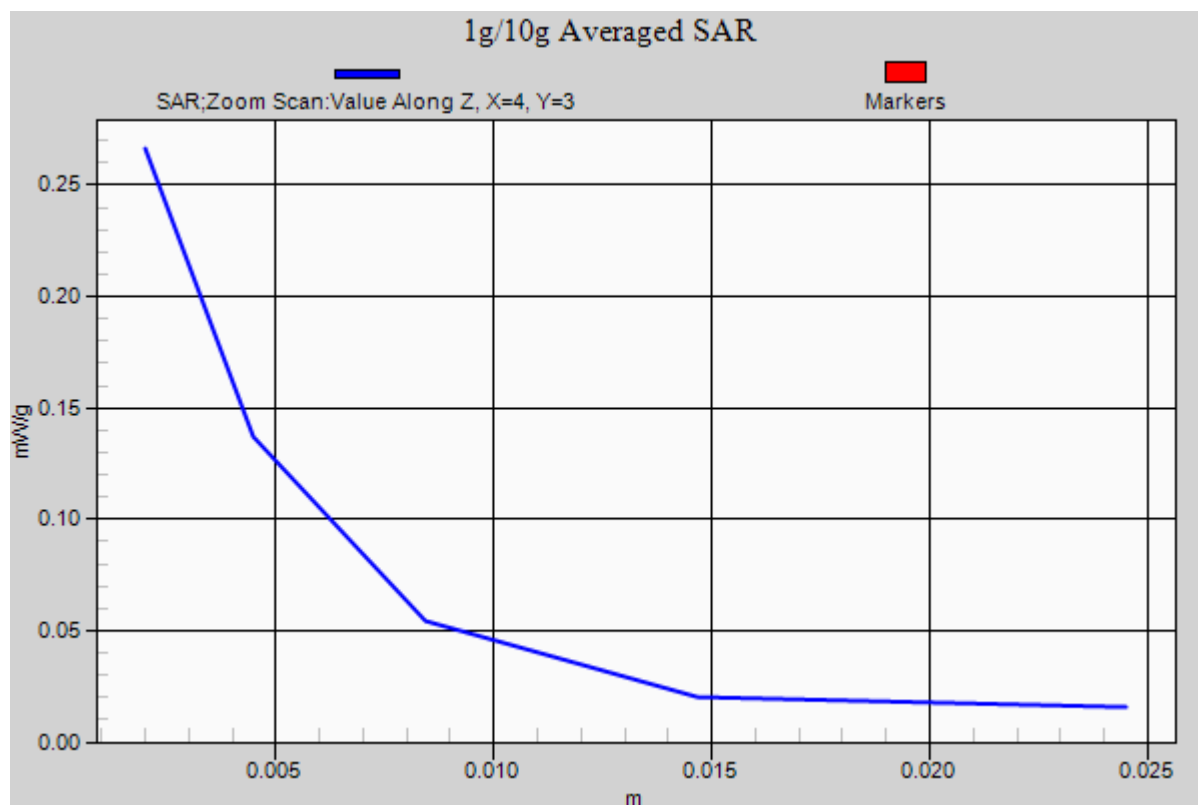
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.532 V/m ; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.506 mW/g

SAR(1 g) = 0.152 mW/g ; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



#87_WLAN5G_802.11a_Back_1.5cm_Ch60;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch60/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.256 mW/g

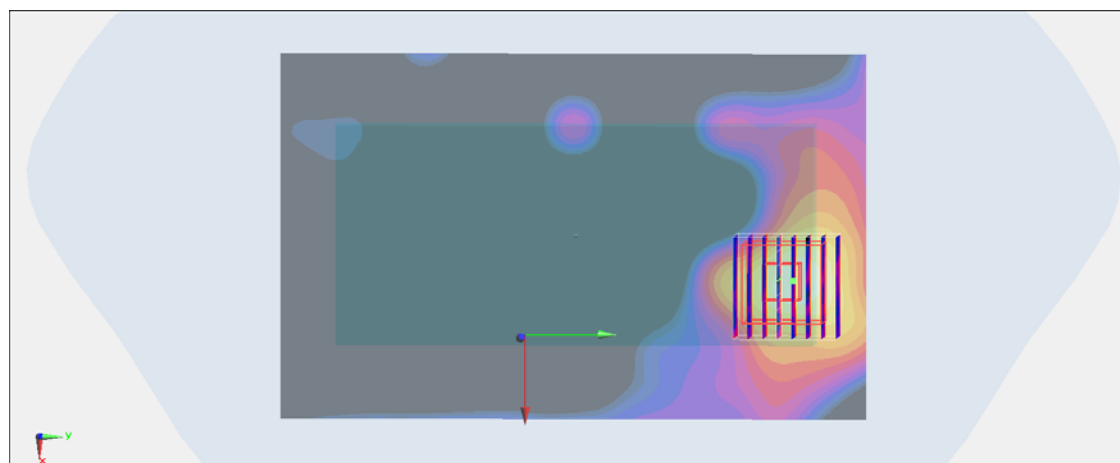
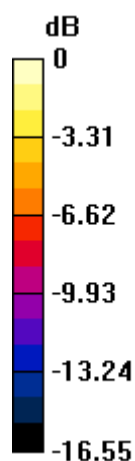
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.810 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.501 mW/g

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.262 mW/g = -11.63 dB mW/g

#96_WLAN5G_802.11a_Back_1cm_Ch60;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.27$ mho/m; $\epsilon_r = 47.255$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 1.20 W/kg

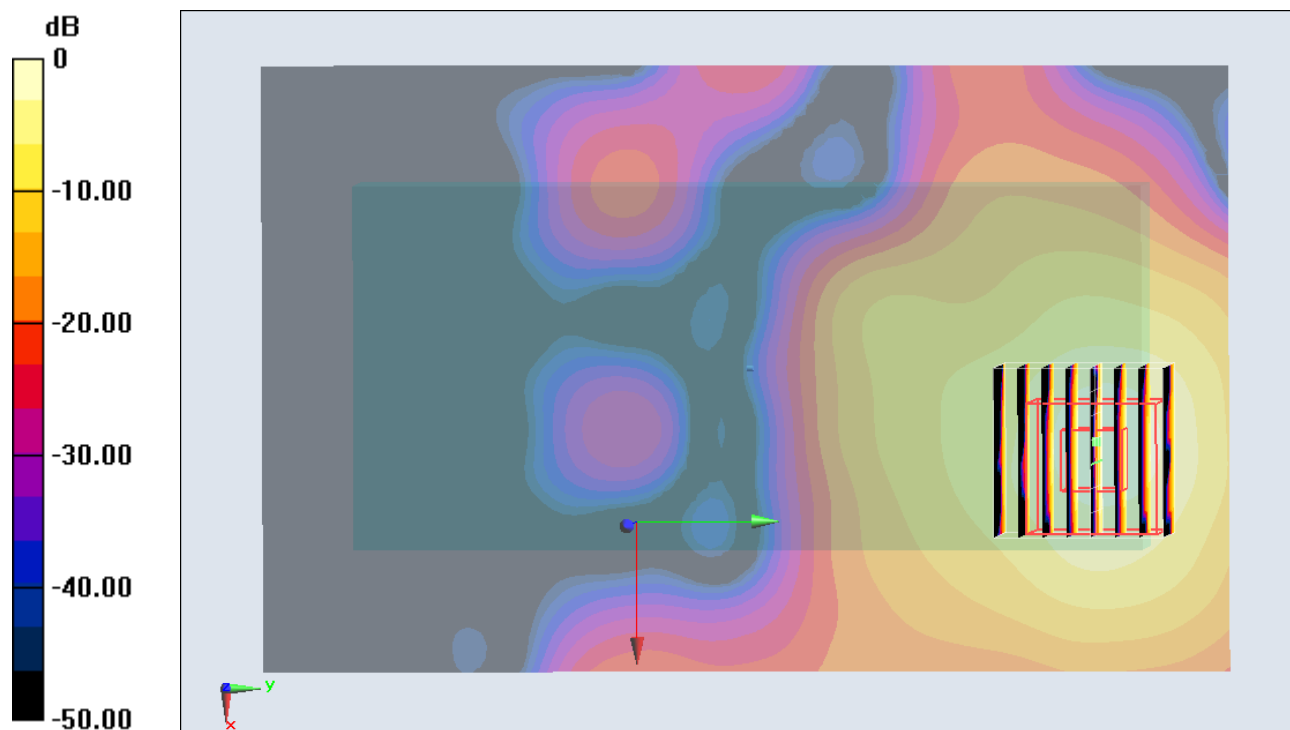
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.630 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.554 mW/g

SAR(1 g) = 0.736 mW/g ; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



#96_WLAN5G_802.11a_Back_1cm_Ch60;Headset_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.27$ mho/m; $\epsilon_r = 47.255$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 1.20 W/kg

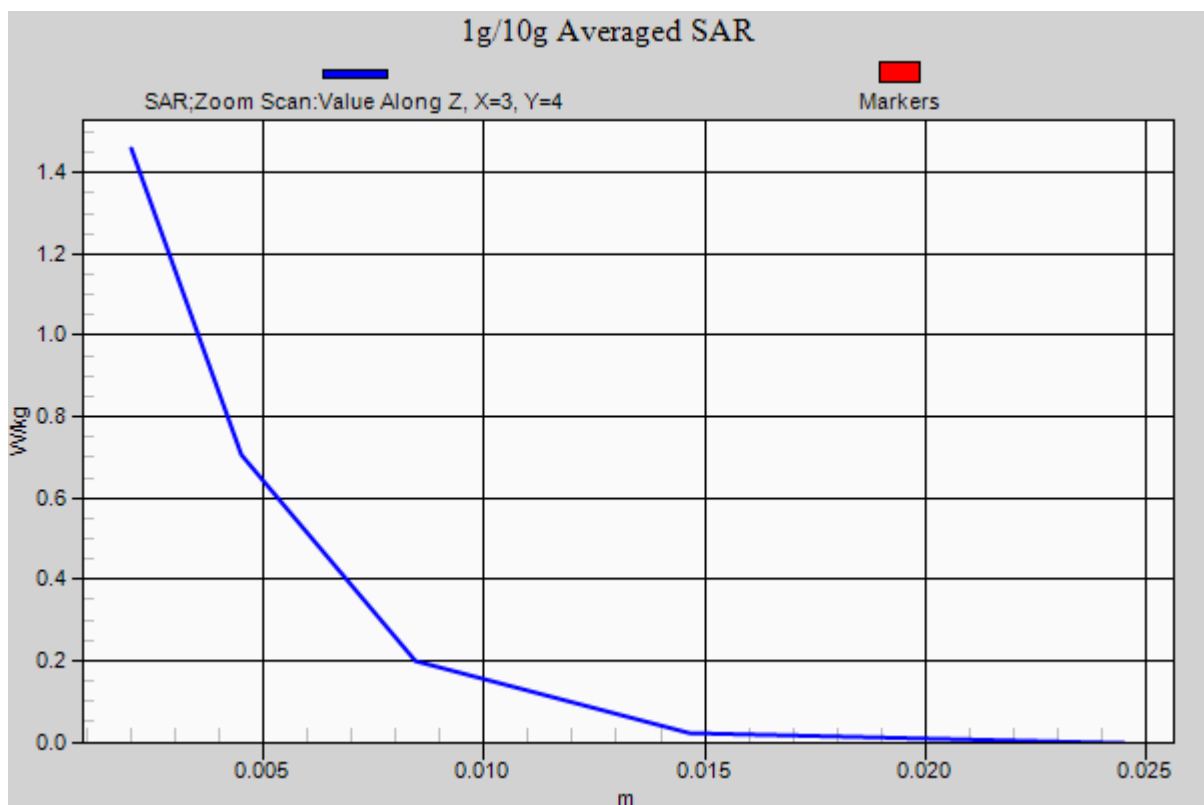
Ch60/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.630 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.554 mW/g

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



#88_WLAN5G_802.11a_Front_1.5cm_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.959$ mho/m; $\epsilon_r = 46.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch140/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0258 mW/g

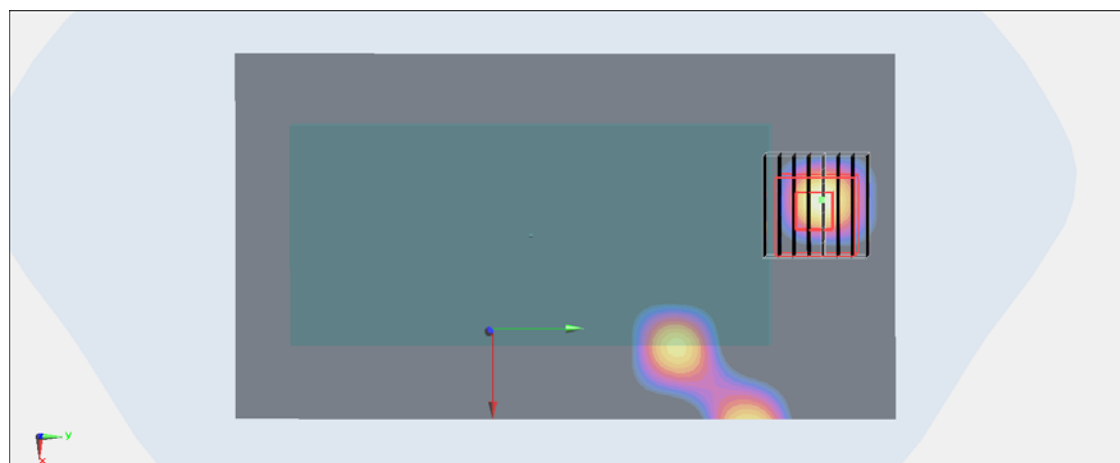
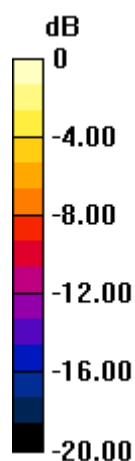
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.201 V/m; Power Drift = -0.0011 dB

Peak SAR (extrapolated) = 0.136 mW/g

SAR(1 g) = 0.0027 mW/g; SAR(10 g) = 0.000335 mW/g.

Maximum value of SAR (measured) = 0.0248 mW/g



0 dB = 0.0248 mW/g = -32.11 dB mW/g

#89_WLAN5G_802.11a_Back_1.5cm_Ch140**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.959$ mho/m; $\epsilon_r = 46.651$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch140/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.283 mW/g

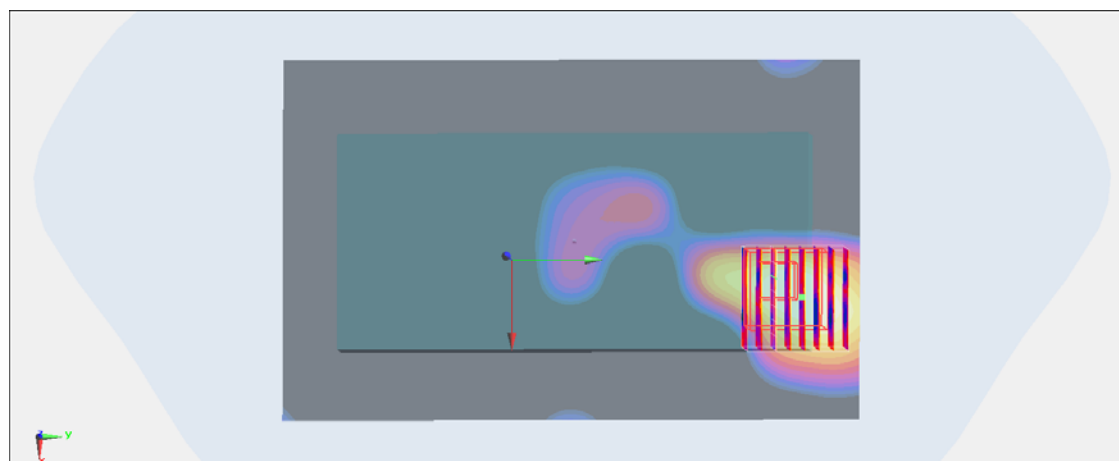
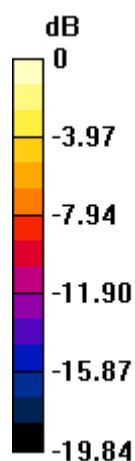
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.353 V/m ; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.451 mW/g

SAR(1 g) = 0.123 mW/g ; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.222 mW/g = -13.07 dB mW/g

#90_WLAN5G_802.11a_Back_1.5cm_Ch140;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.959$ mho/m; $\epsilon_r = 46.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.238 mW/g

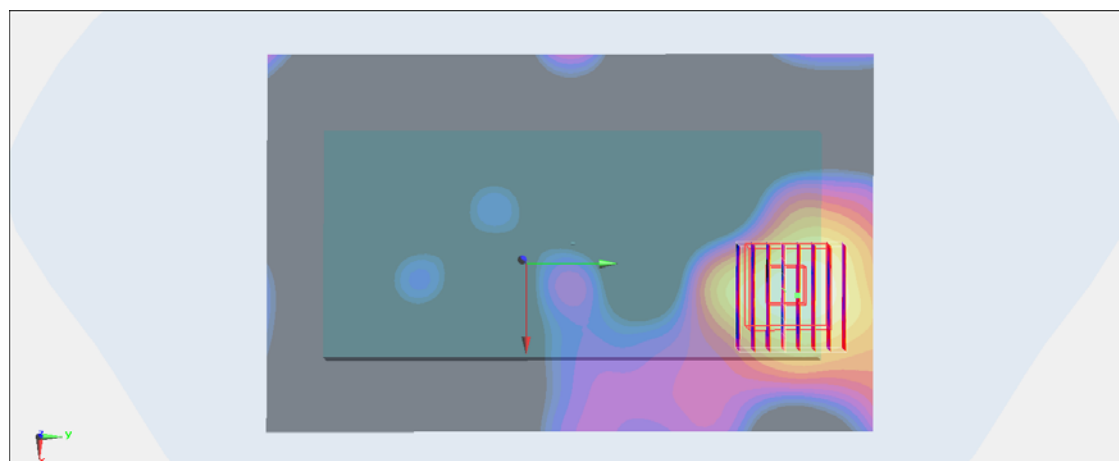
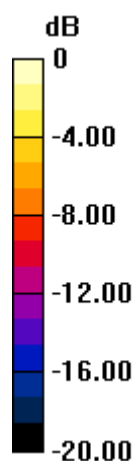
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.741 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.462 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.233 mW/g = -12.65 dB mW/g

#97_WLAN5G_802.11a_Back_1cm_Ch140;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 46.689$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.837 W/kg

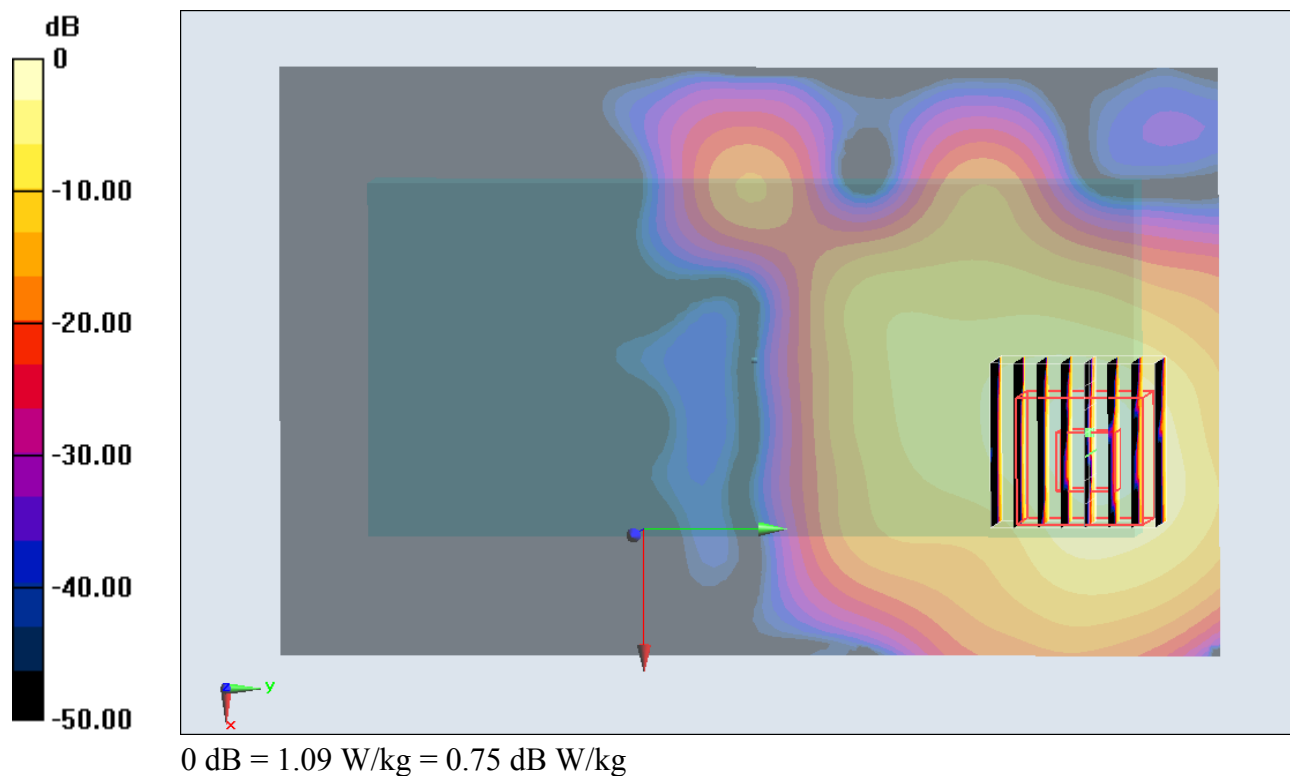
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.324 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.957 mW/g

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.09 W/kg



#97_WLAN5G_802.11a_Back_1cm_Ch140;Headset_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 46.689$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.837 W/kg

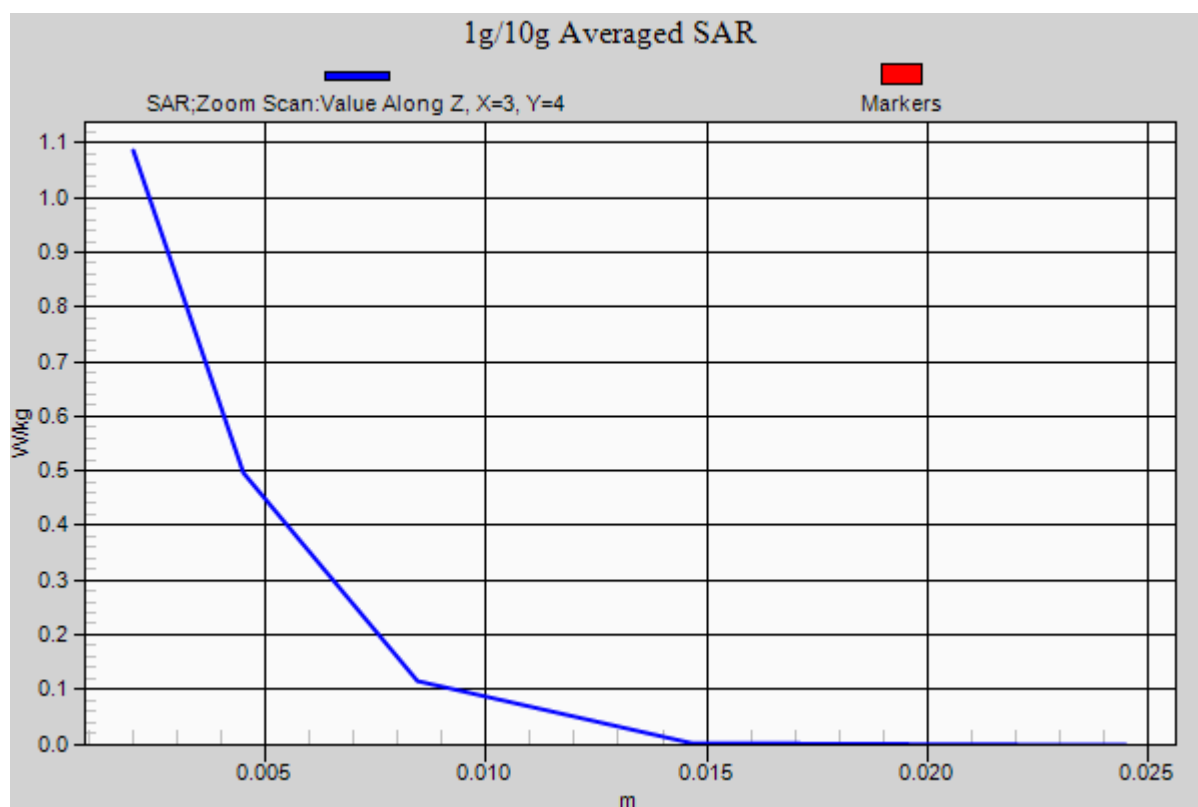
Ch140/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.324 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.957 mW/g

SAR(1 g) = 0.546 mW/g ; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.09 W/kg



#91_WLAN5G_802.11a_Front_1.5cm_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.131$ mho/m; $\epsilon_r = 46.556$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch157/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0208 mW/g

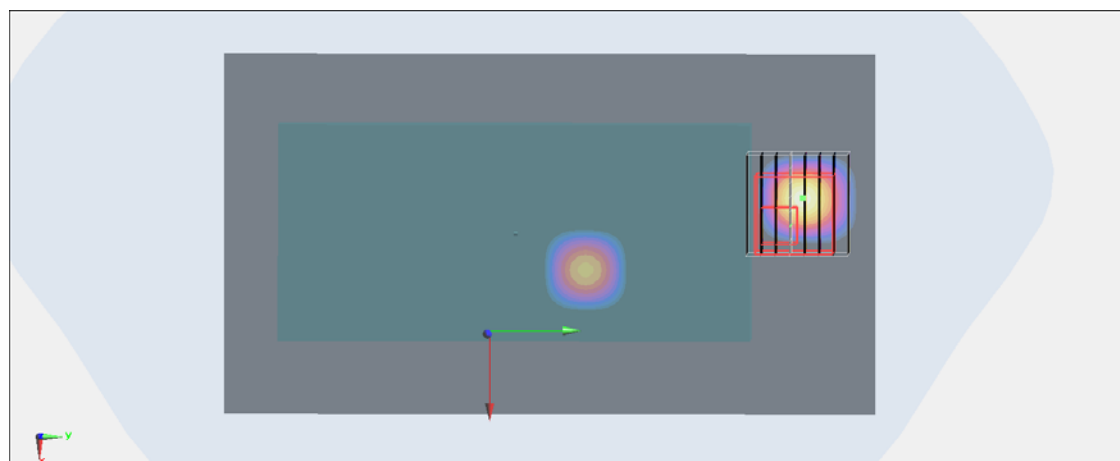
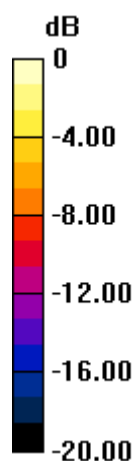
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.123 mW/g

SAR(1 g) = 0.00024 mW/g; SAR(10 g) = 0.000178 mW/g

Maximum value of SAR (measured) = 0.0226 mW/g



0 dB = 0.0226 mW/g = -32.92 dB mW/g

#92_WLAN5G_802.11a_Back_1.5cm_Ch157**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.131$ mho/m; $\epsilon_r = 46.556$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch157/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.198 mW/g

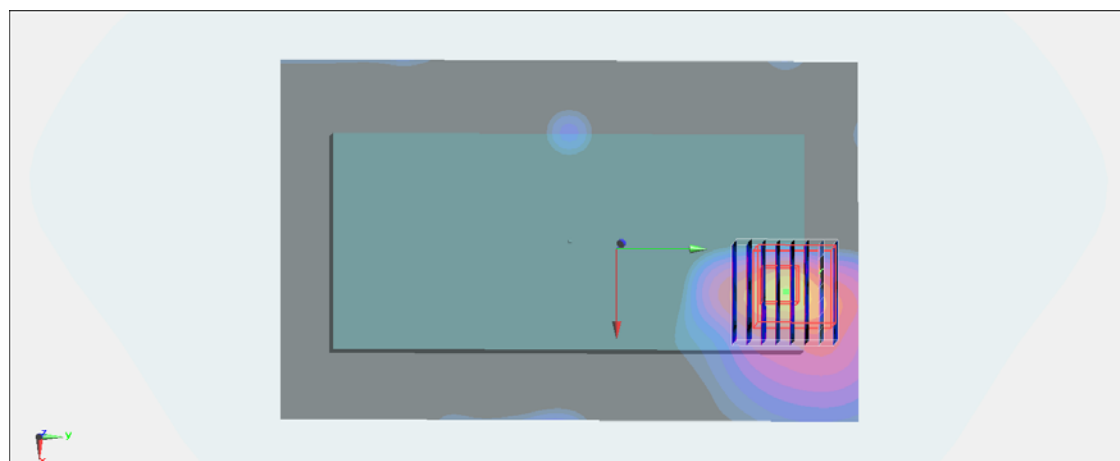
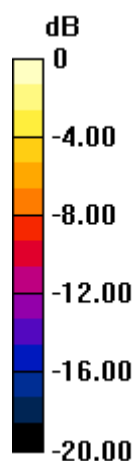
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.817 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.896 mW/g

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.024 mW/g

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



0 dB = 0.624 mW/g = -4.10 dB mW/g

#93_WLAN5G_802.11a_Back_1.5cm_Ch157;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121024 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.131$ mho/m; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch157/Area Scan (101x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

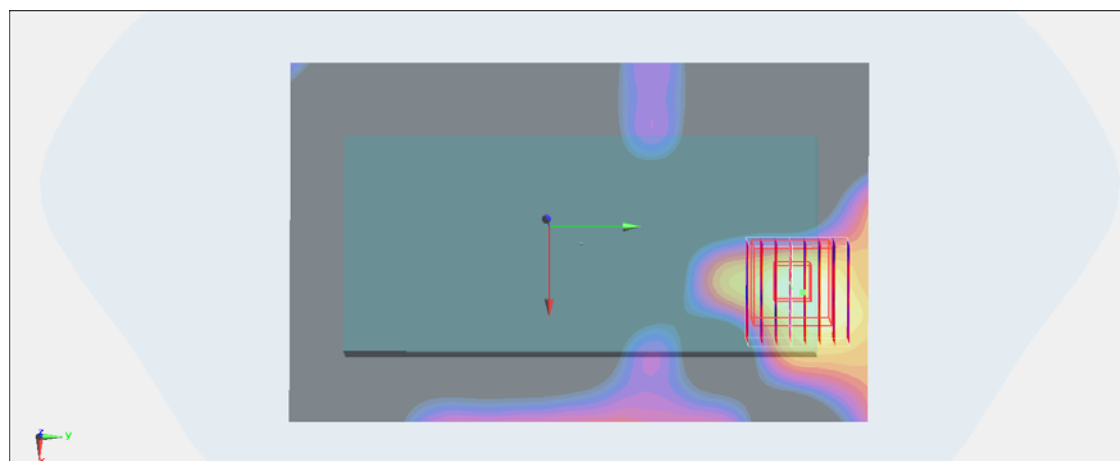
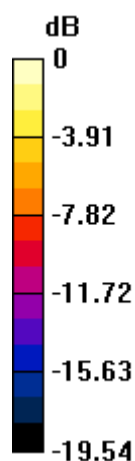
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.282 V/m ; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.355 mW/g

SAR(1 g) = 0.094 mW/g ; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168 mW/g = -15.49 dB mW/g

#100_WLAN5G_802.11a_Back_1cm_Ch157;Headset**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.978$ mho/m; $\epsilon_r = 46.584$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x161x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.920 W/kg

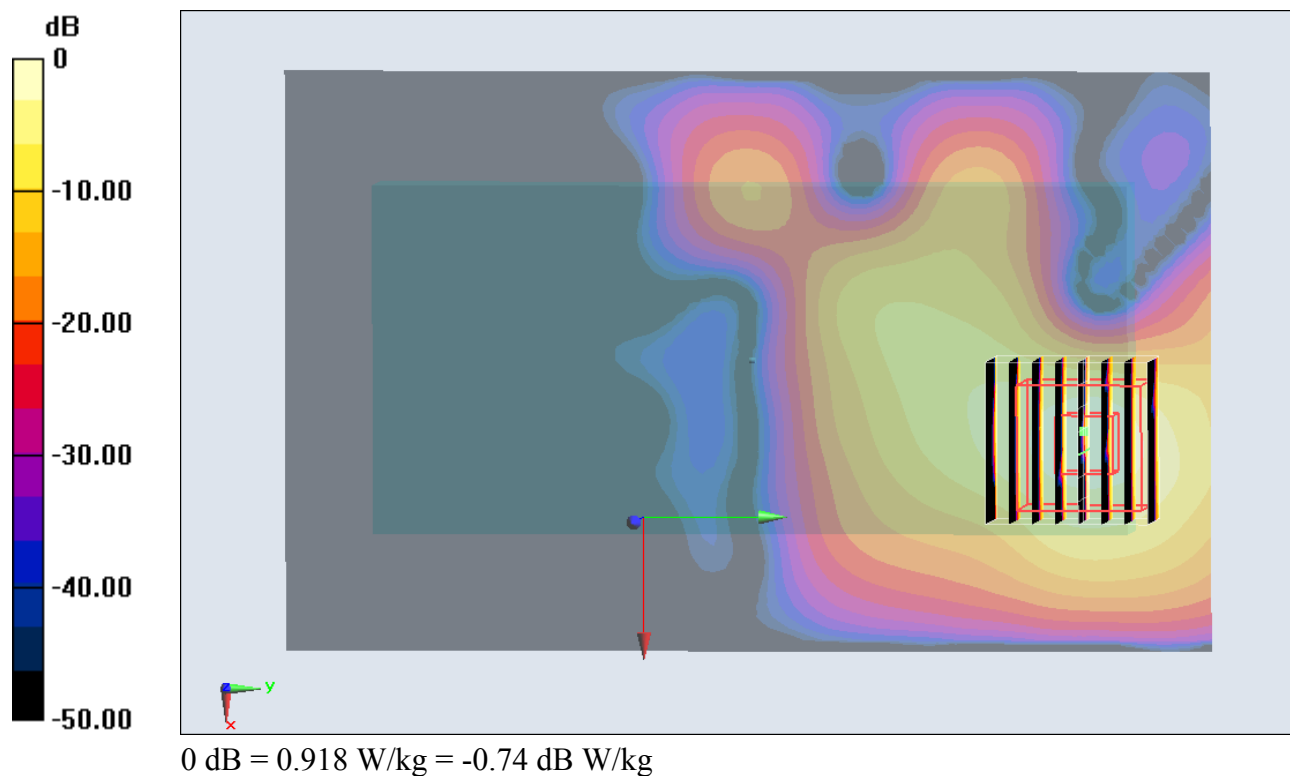
Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.589 mW/g

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.918 W/kg



#100_WLAN5G_802.11a_Back_1cm_Ch157;Headset_2D**DUT: 291928**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121020 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.978$ mho/m; $\epsilon_r = 46.584$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch157/Area Scan (101x161x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.920 W/kg

Ch157/Zoom Scan (8x8x5)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.589 mW/g

SAR(1 g) = 0.443 mW/g ; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.918 W/kg

