

#79 LTE Band17_QPSK(25-13)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: $f = 710$ MHz; $\sigma = 0.85$
mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.429 mW/g

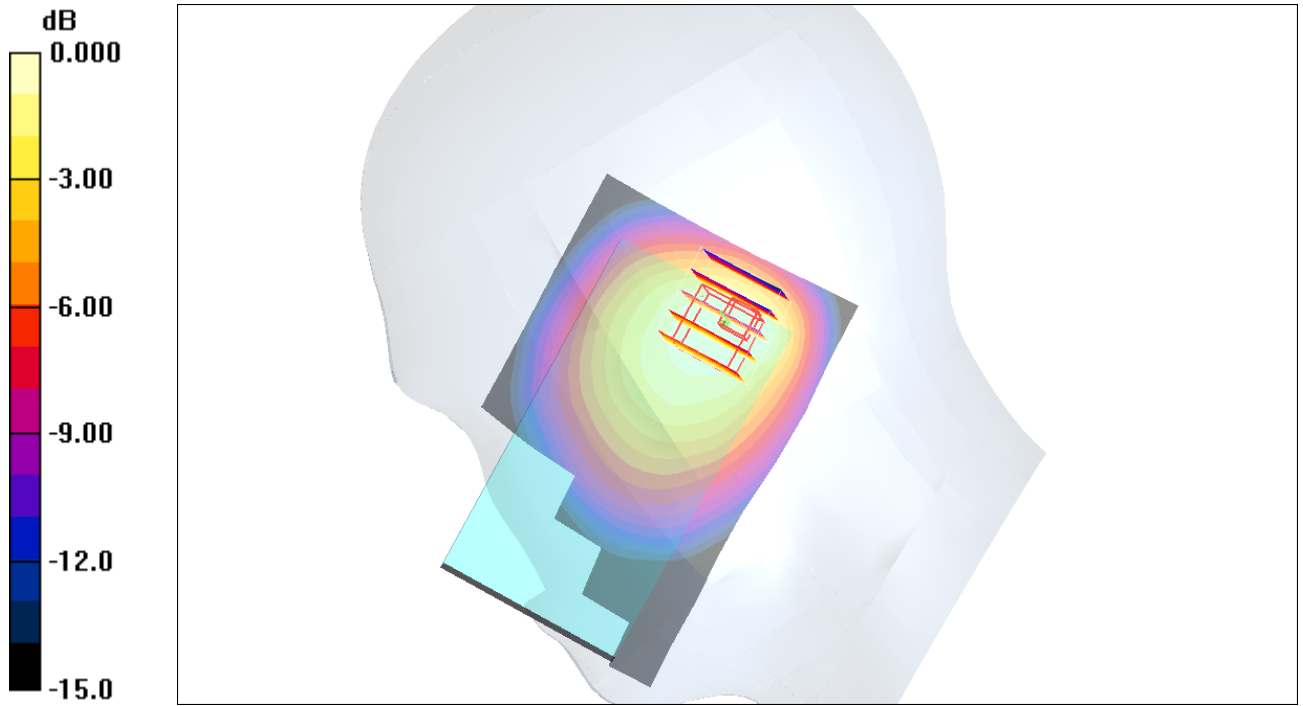
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.356mW/g

#113 LTE Band17_QPSK(1-0)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

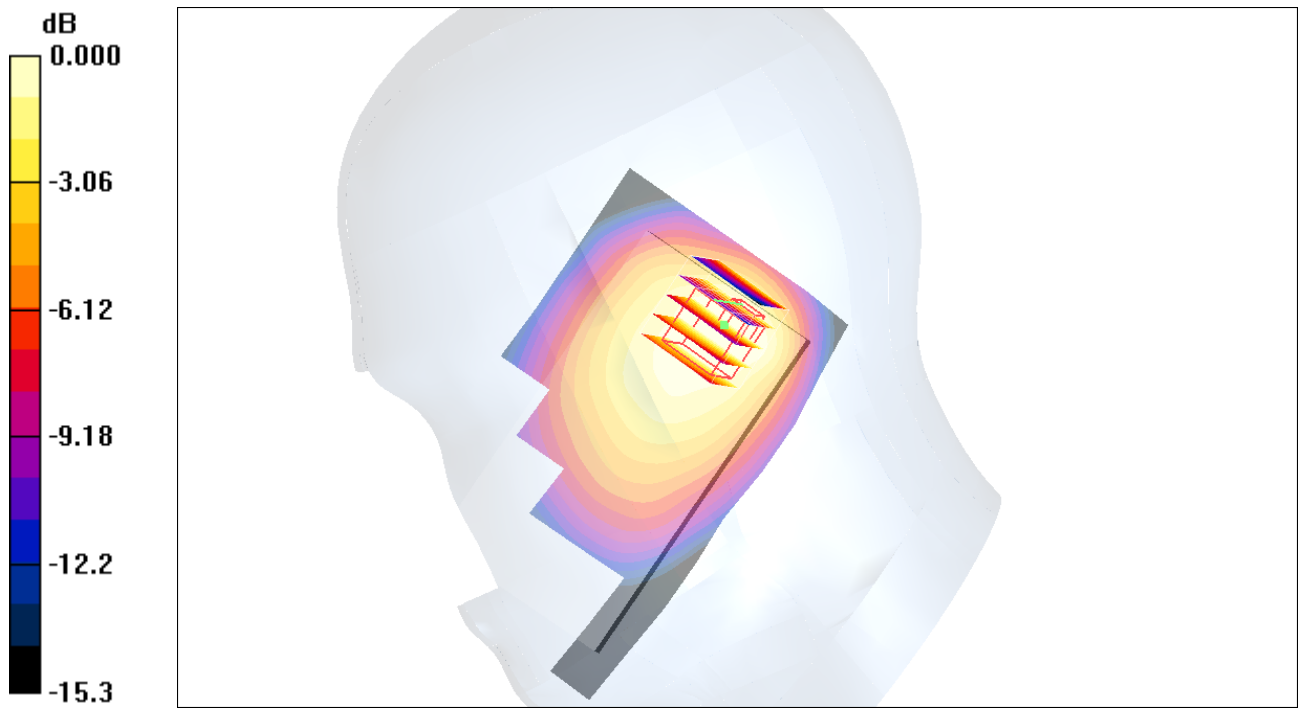
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.296mW/g

#114 LTE Band17_QPSK(1-49)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.373 mW/g

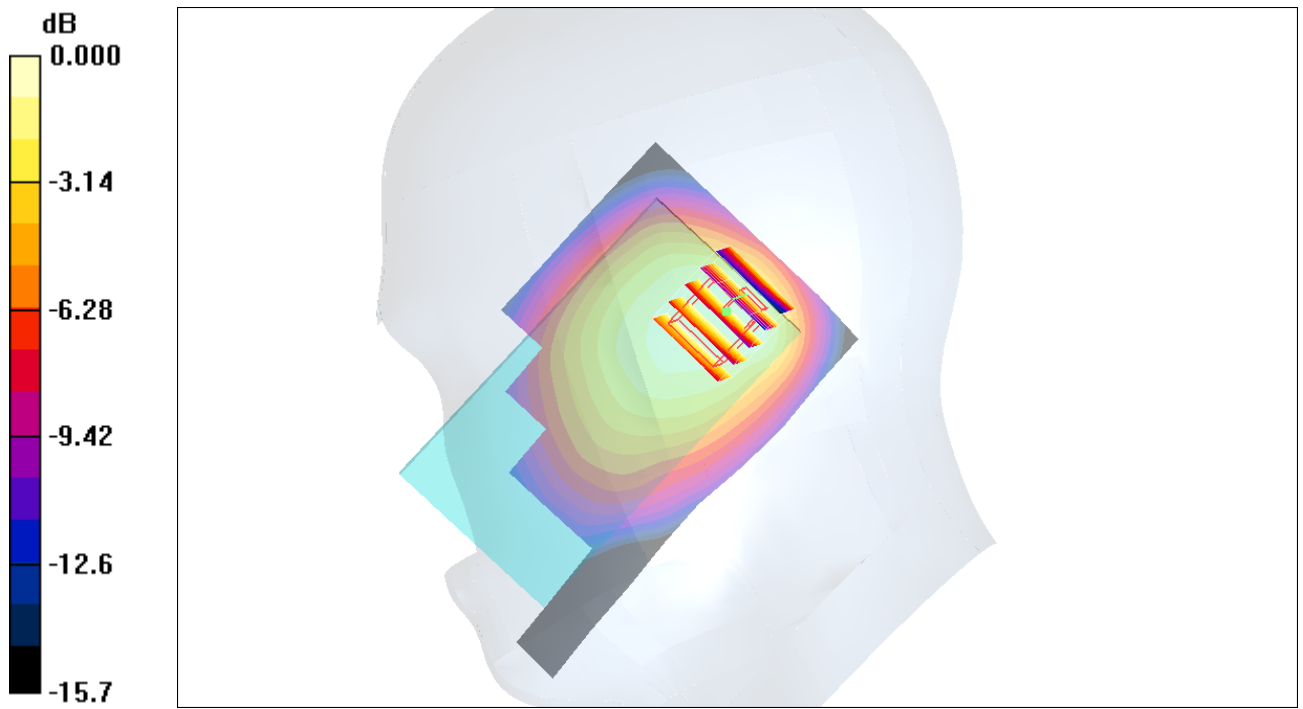
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.4 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.301mW/g

#80 LTE Band17_QPSK(25-13)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: $f = 710$ MHz; $\sigma = 0.85$
mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.344 mW/g

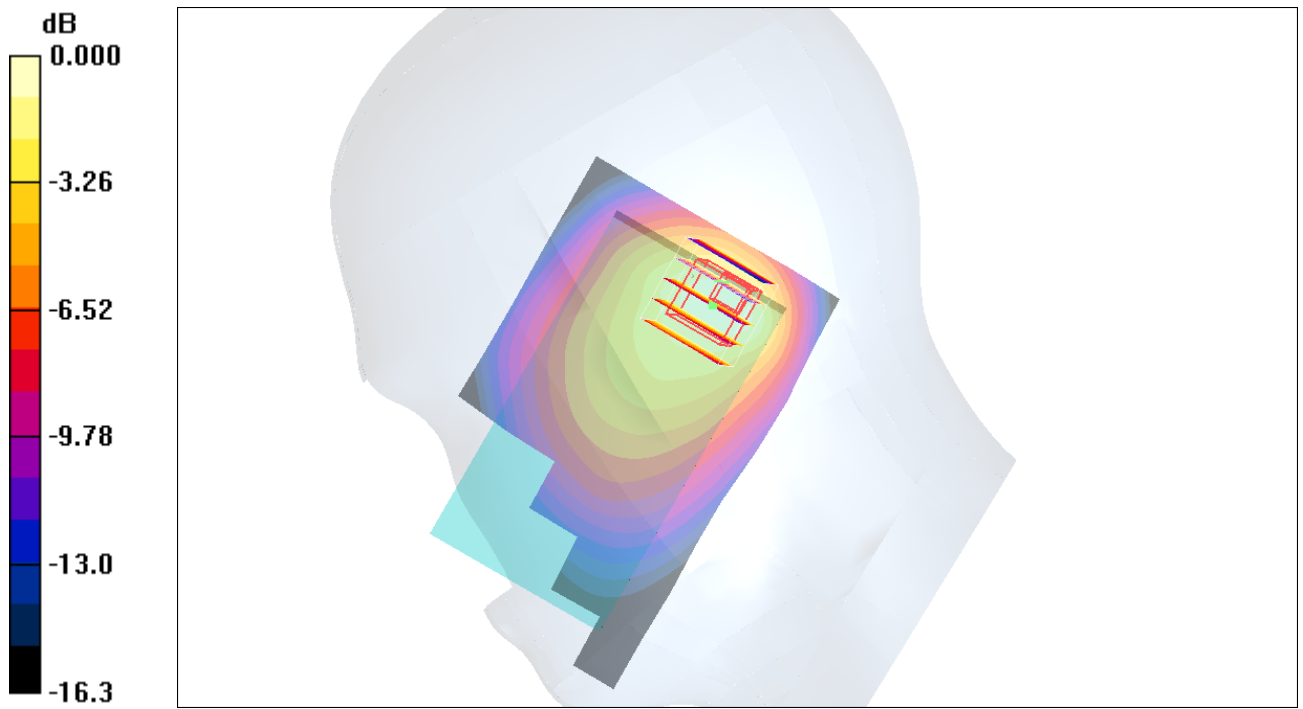
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.351mW/g

#115 LTE Band17_QPSK(1-0)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.417 mW/g

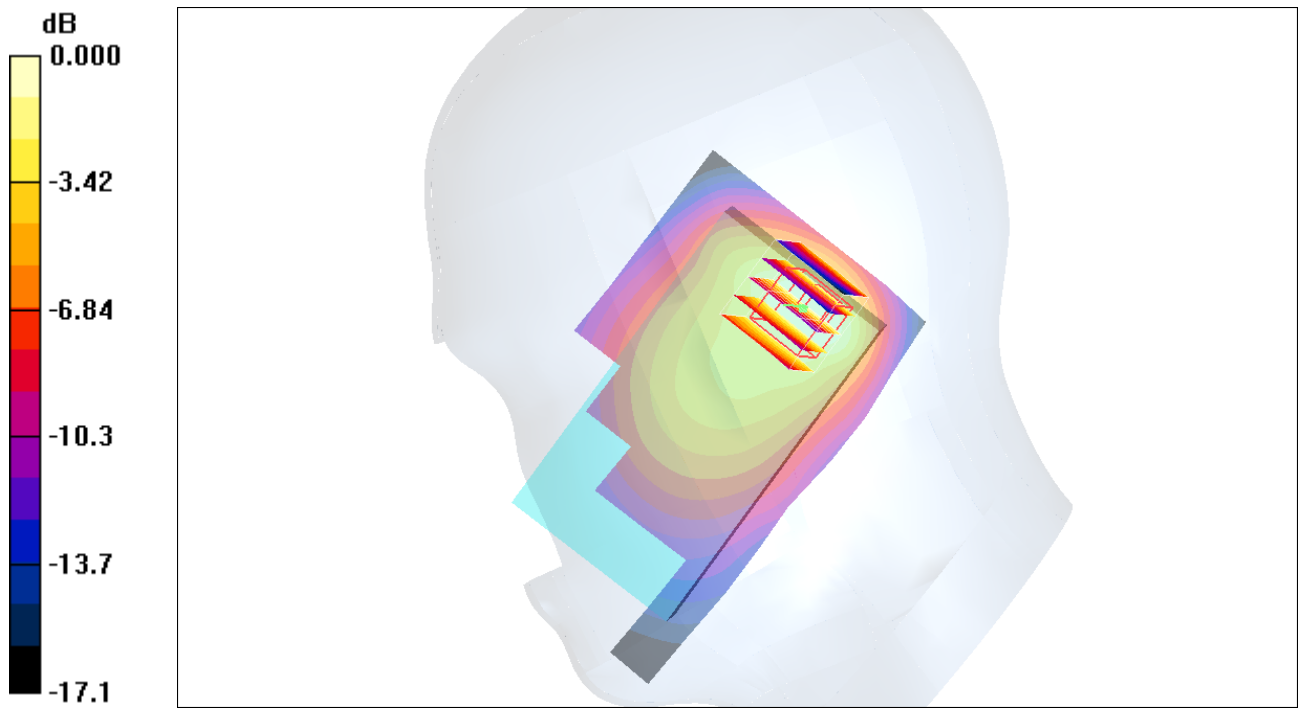
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.3 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352mW/g

#116 LTE Band17_QPSK(1-49)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.386 mW/g

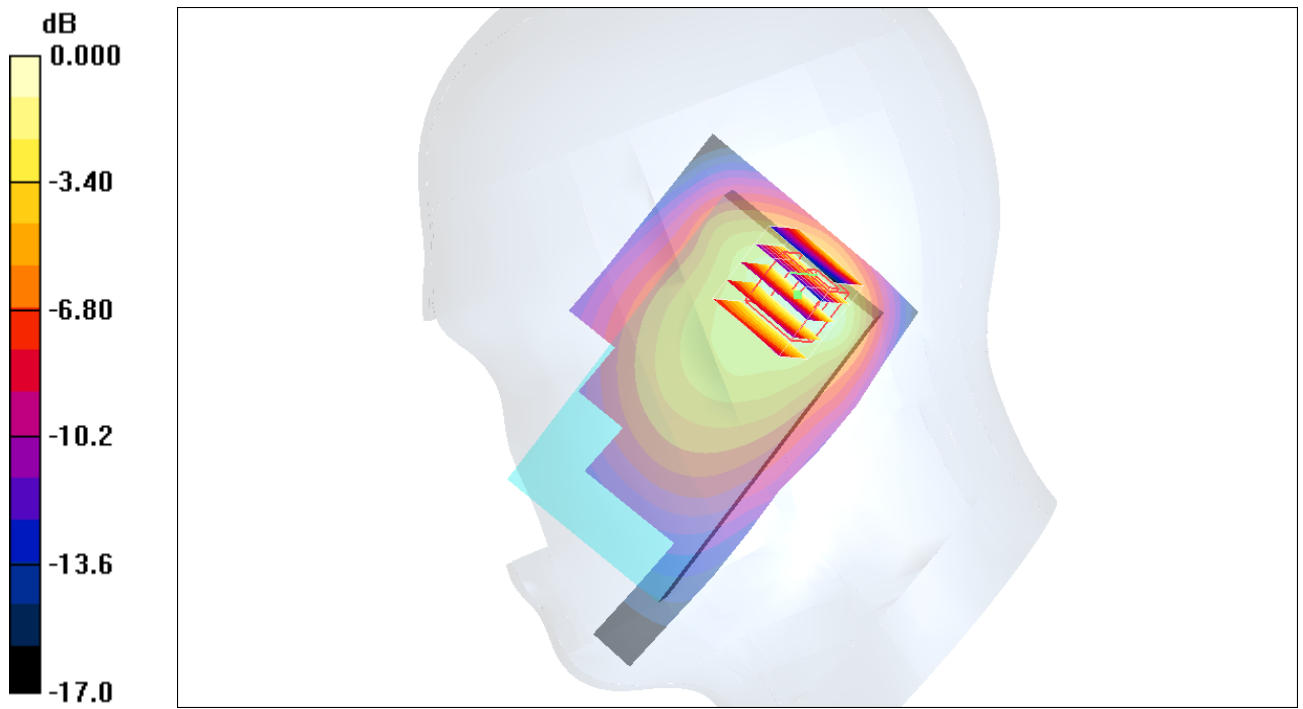
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.7 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.321mW/g

#81 LTE Band17_QPSK(25-13)_Left Check_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.85$
 mho/m ; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.542 mW/g

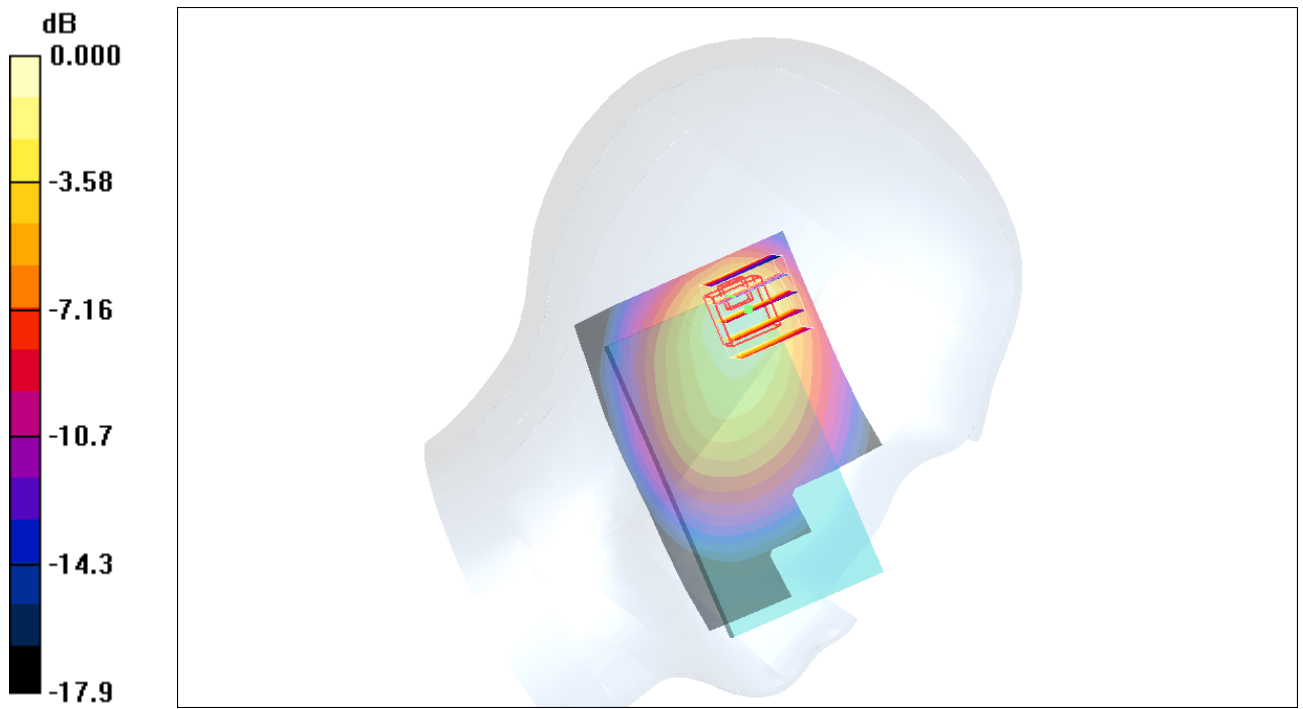
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.4 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.569 mW/g



0 dB = 0.569mW/g

#117 LTE Band17_QPSK(1-0)_Left Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.668 mW/g

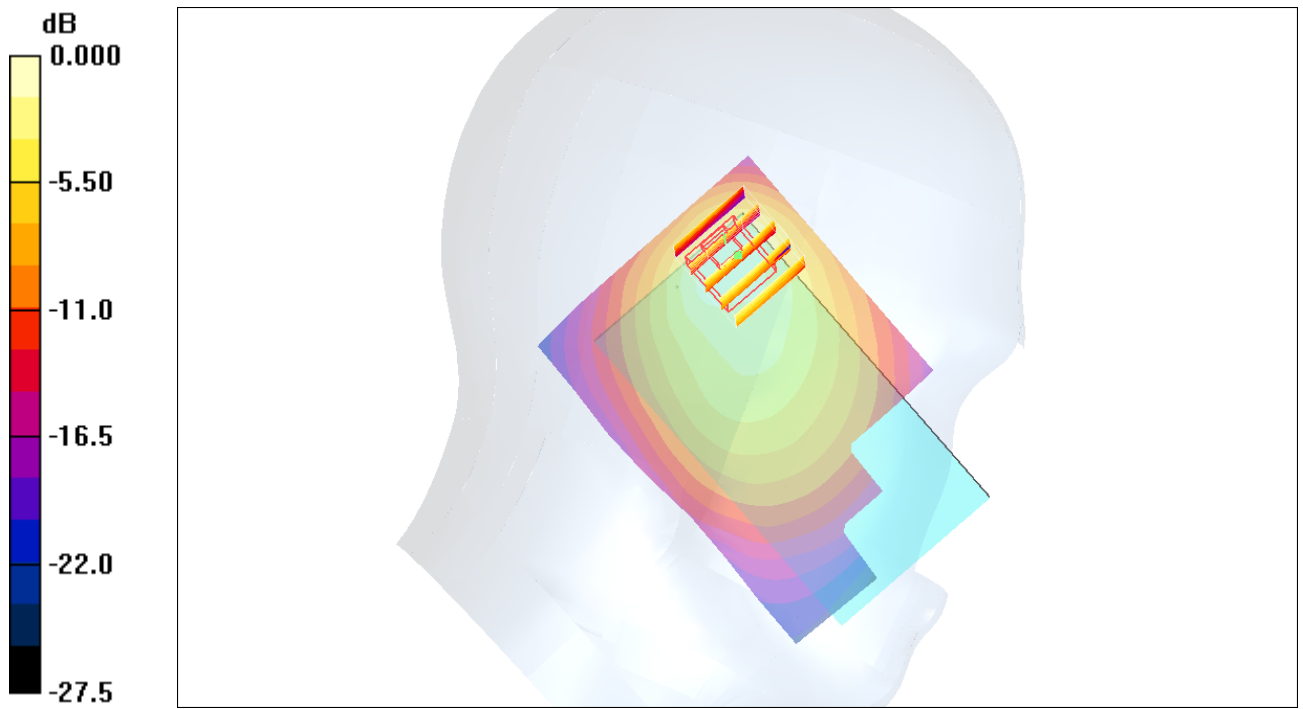
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.598 mW/g



0 dB = 0.598mW/g

#118 LTE Band17_QPSK(1-49)_Left Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.704 mW/g

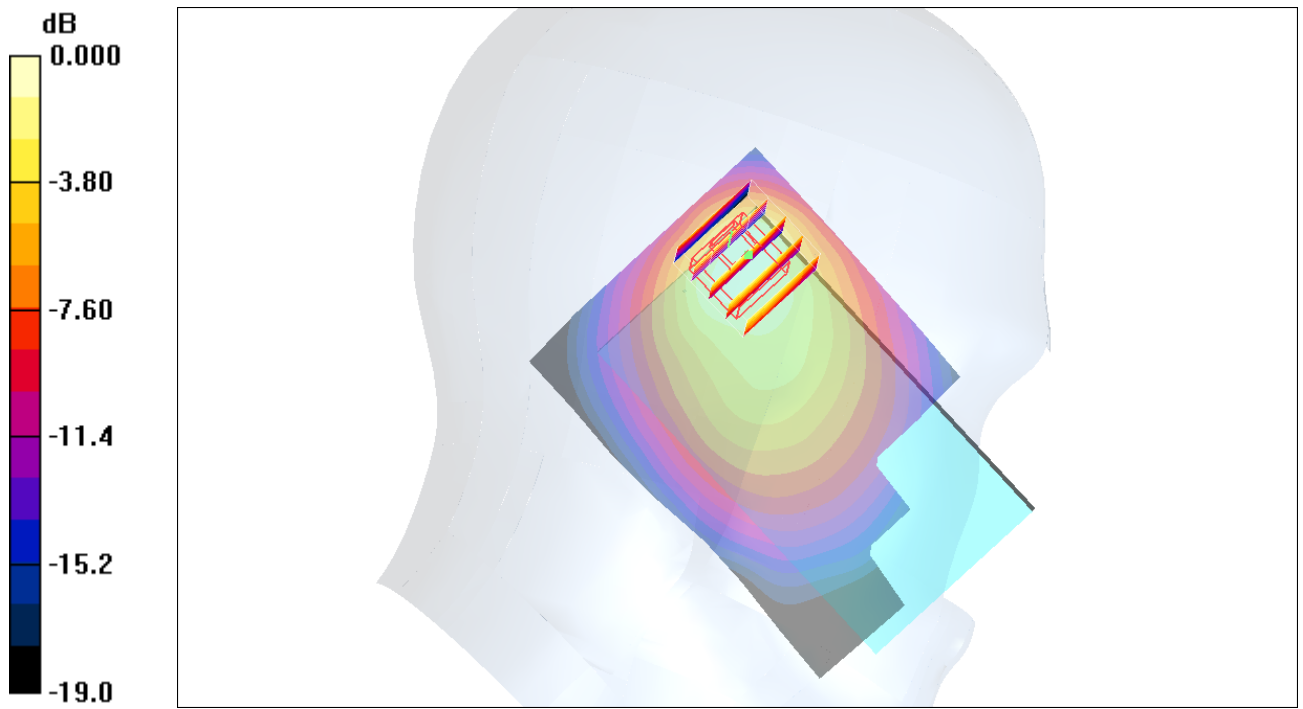
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#82 LTE Band17_QPSK(25-13)_Left Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: $f = 710$ MHz; $\sigma = 0.85$
mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.498 mW/g

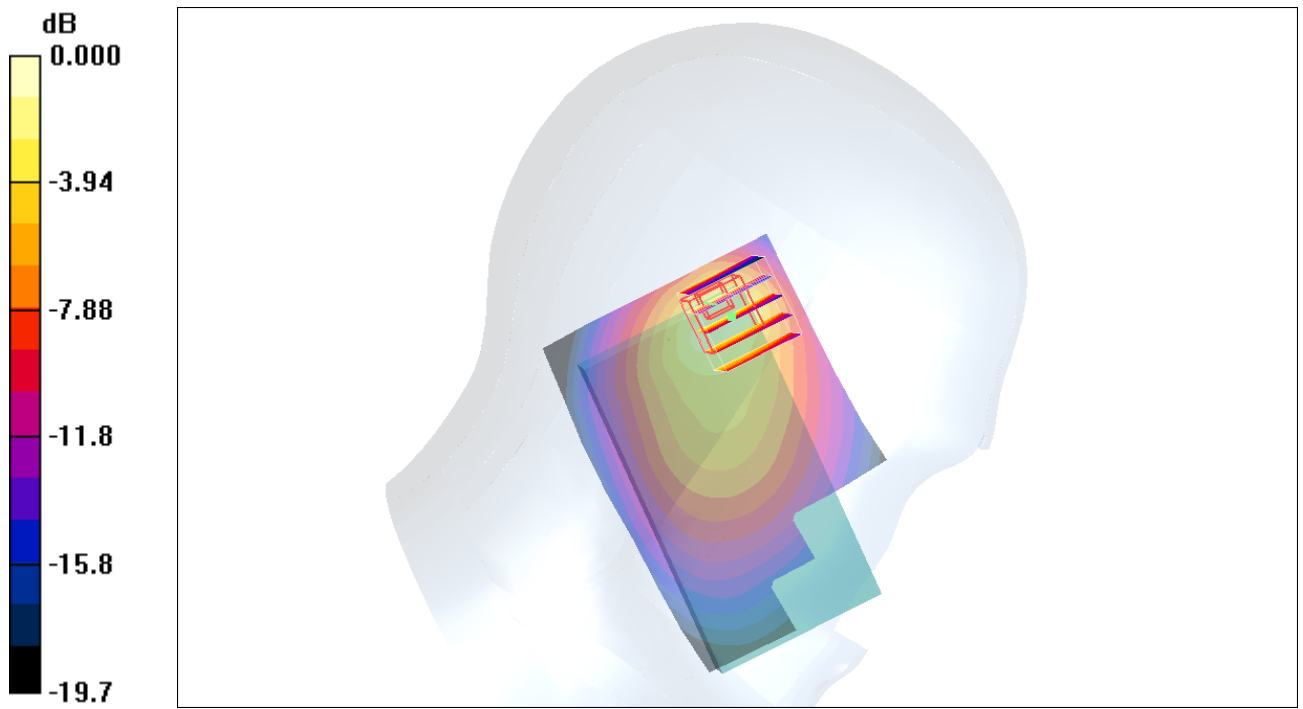
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.661 mW/g



0 dB = 0.661mW/g

#119 LTE Band17_QPSK(1-0)_Left Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.665 mW/g

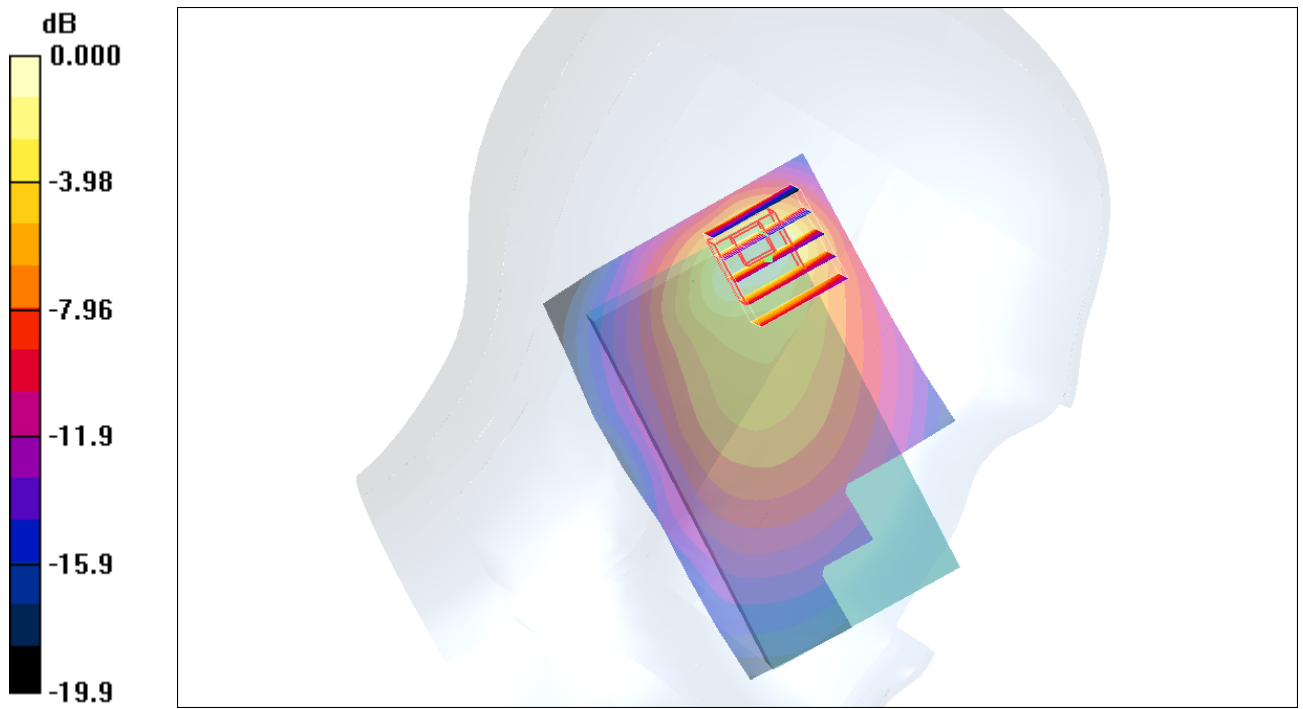
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.9 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.641 mW/g



0 dB = 0.641mW/g

#121 LTE Band17_16QAM(25-13)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.366 mW/g

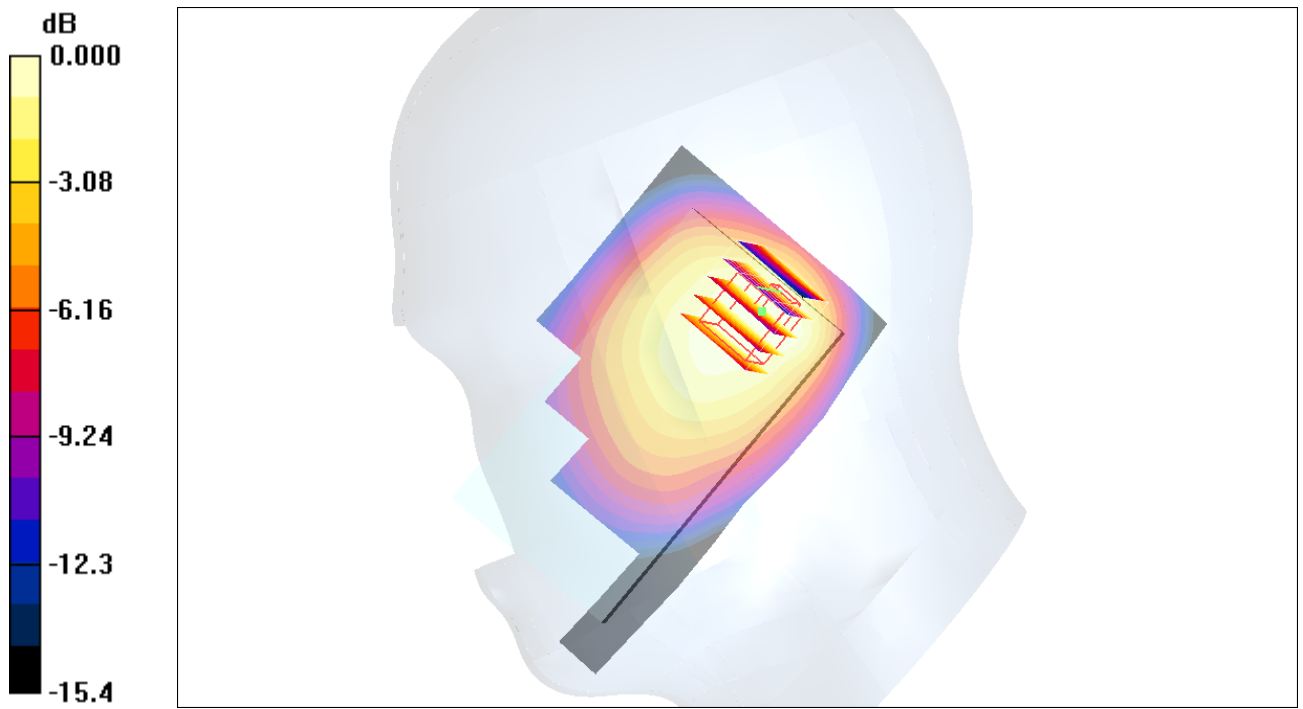
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

#122 LTE Band17_16QAM(1-0)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$
mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.374 mW/g

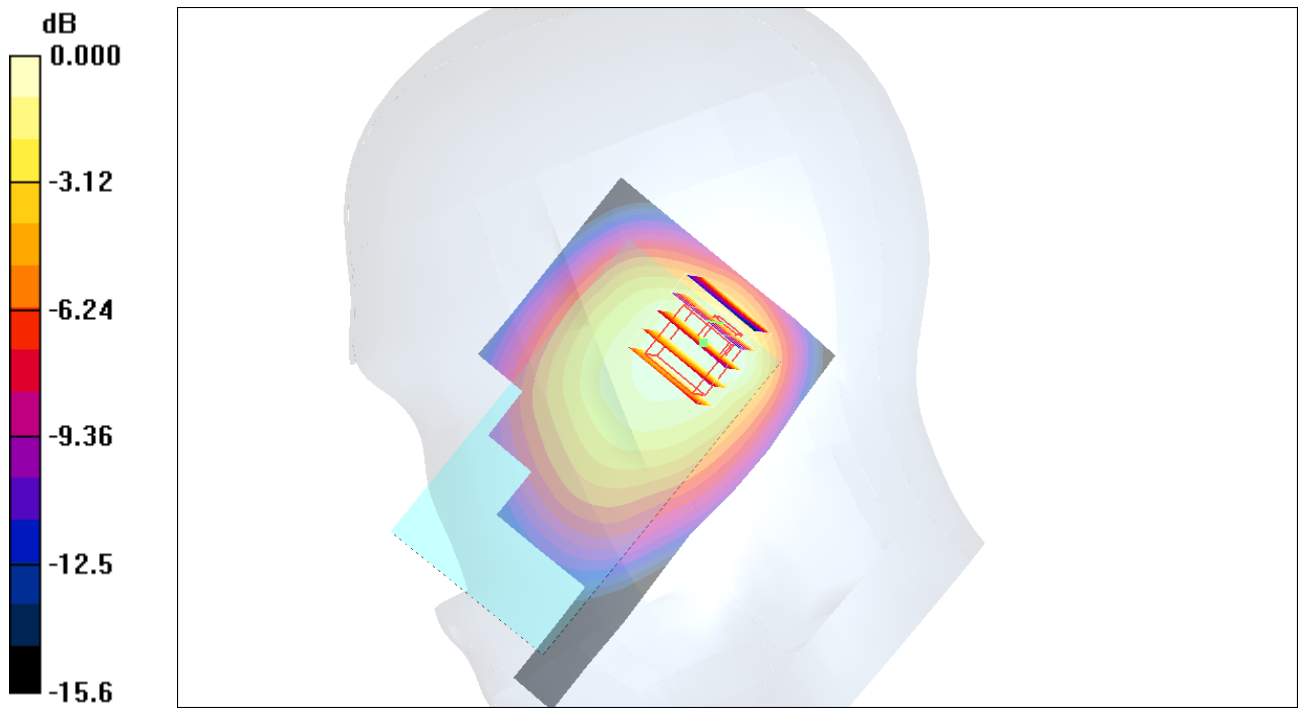
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

#123 LTE Band17_16QAM(1-49)_Right Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.381 mW/g

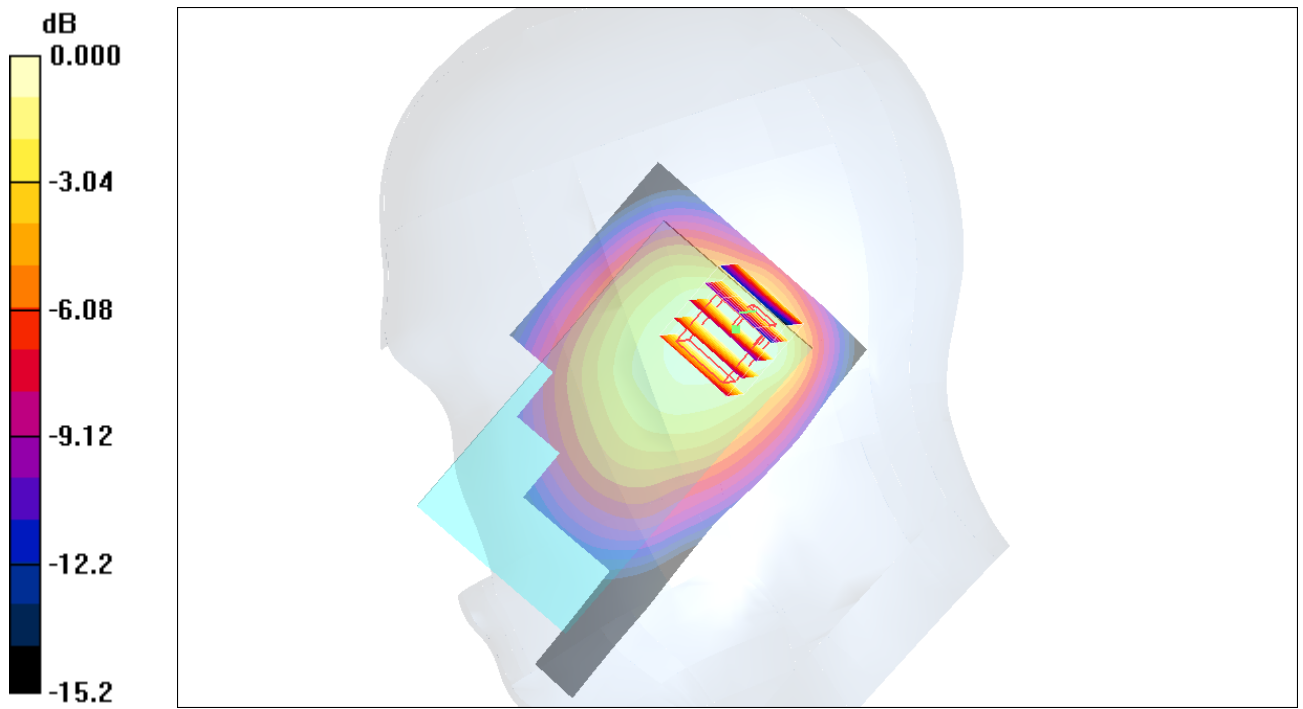
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.309mW/g

#124 LTE Band17_16QAM(25-13)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.405 mW/g

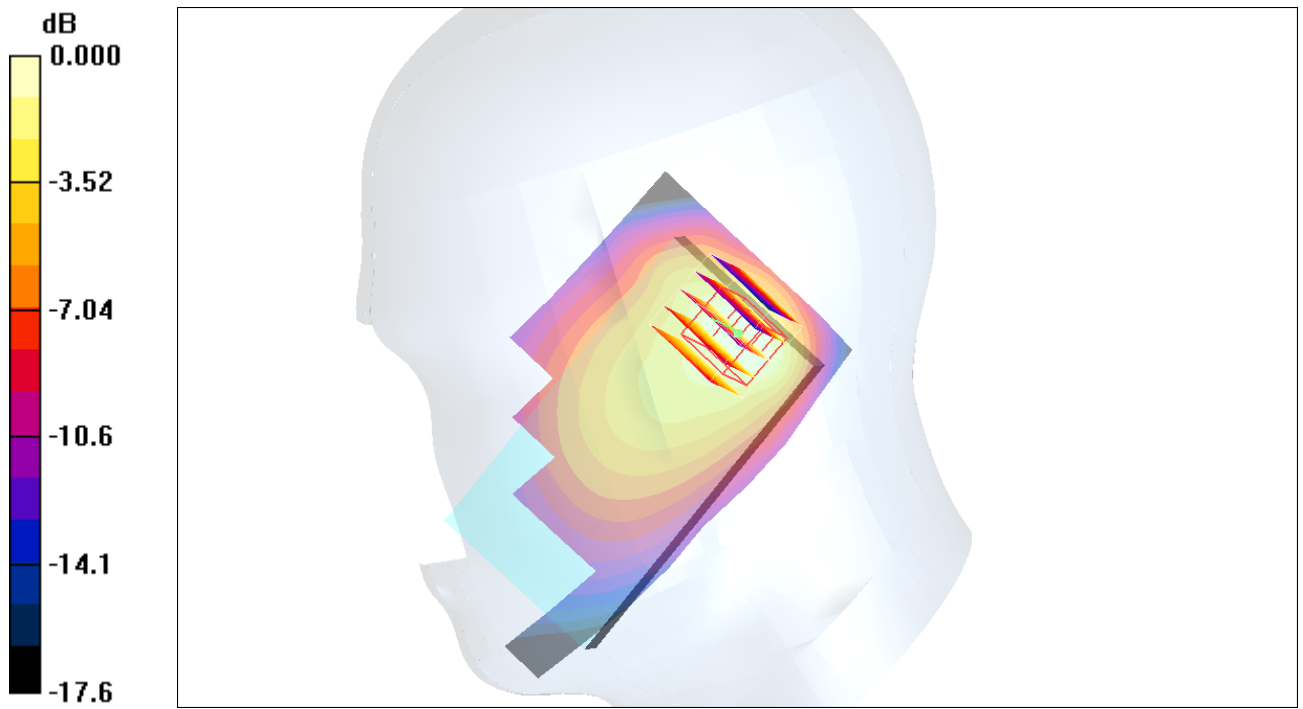
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.5 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.343mW/g

#125 LTE Band17_16QAM(1-0)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.418 mW/g

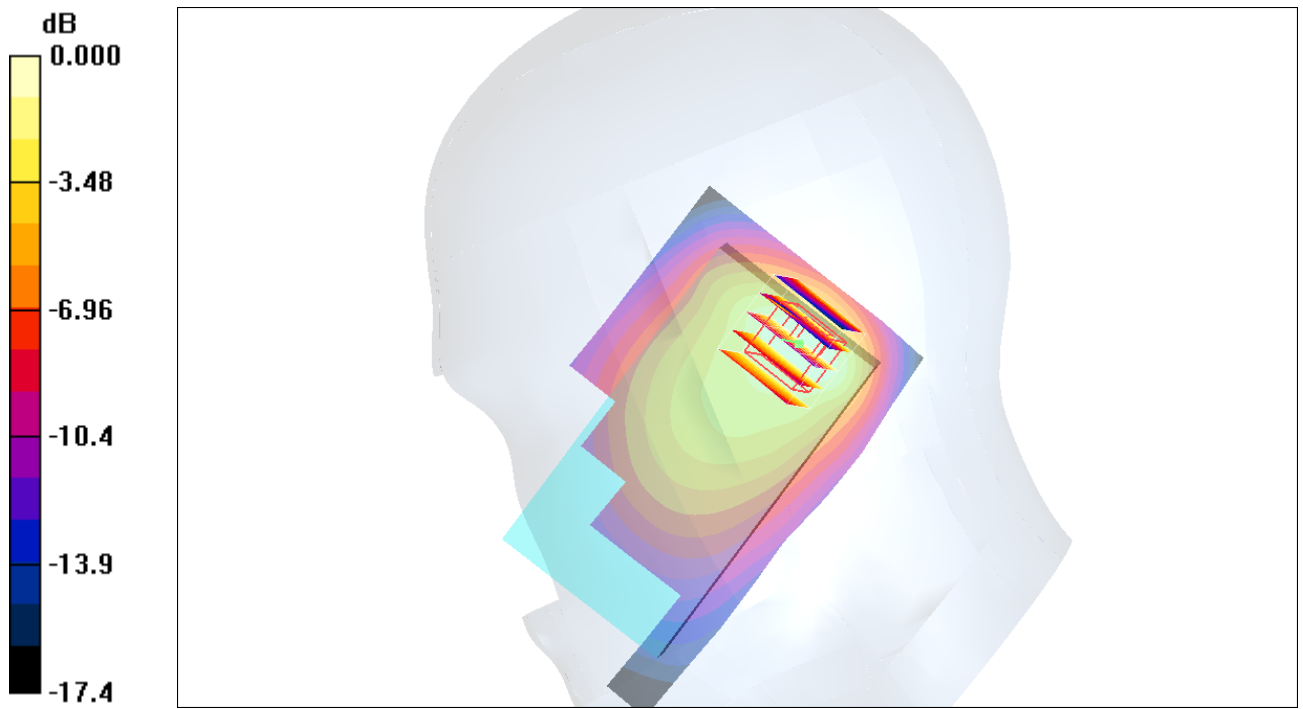
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.355mW/g

#126 LTE Band17_16QAM(1-49)_Right Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.429 mW/g

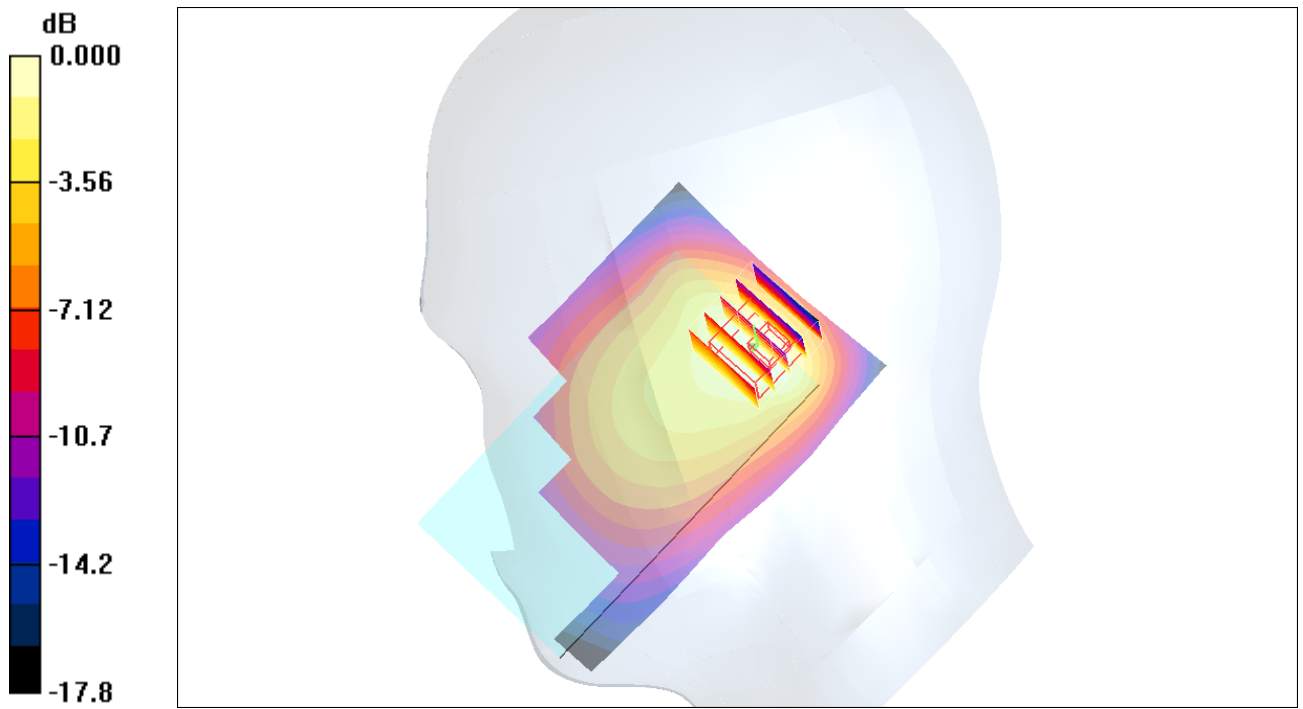
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

#127 LTE Band17_16QAM(25-13)_Left Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.686 mW/g

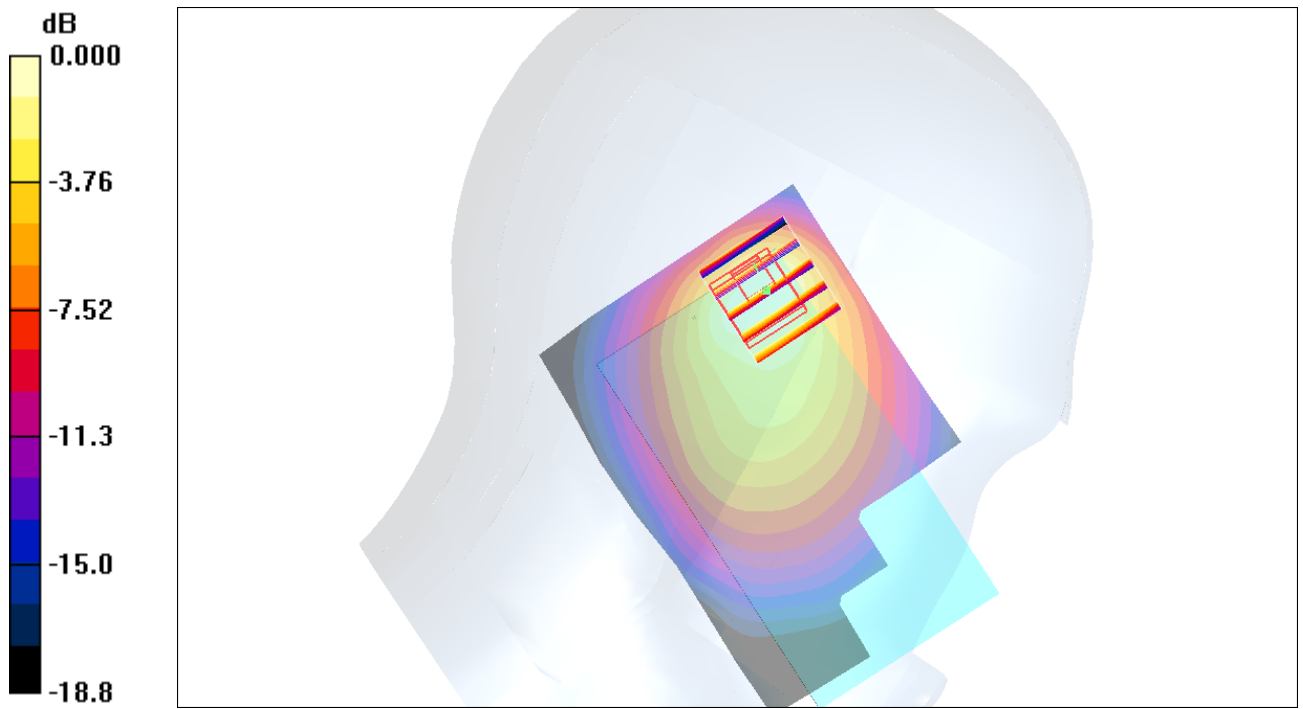
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.579mW/g

#128 LTE Band17_16QAM(1-0)_Left Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.673 mW/g

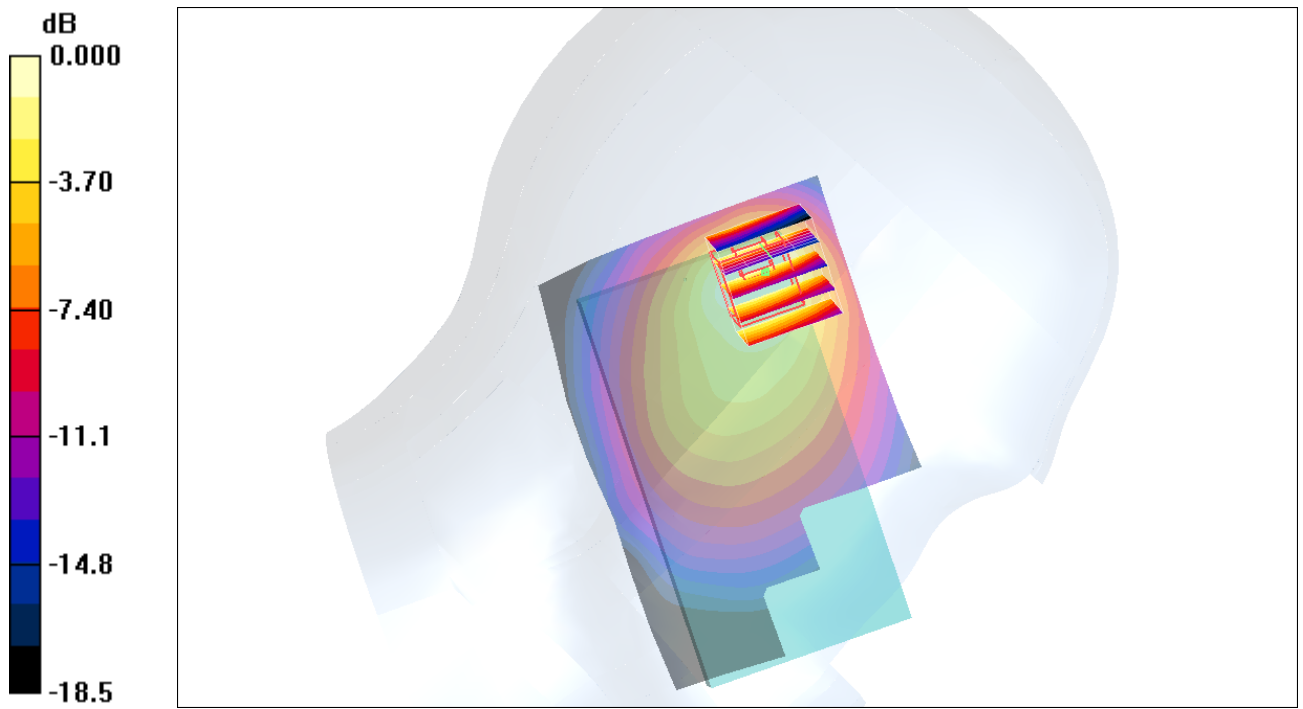
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.573mW/g

#129 LTE Band17_16QAM(1-49)_Left Cheek_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.686 mW/g

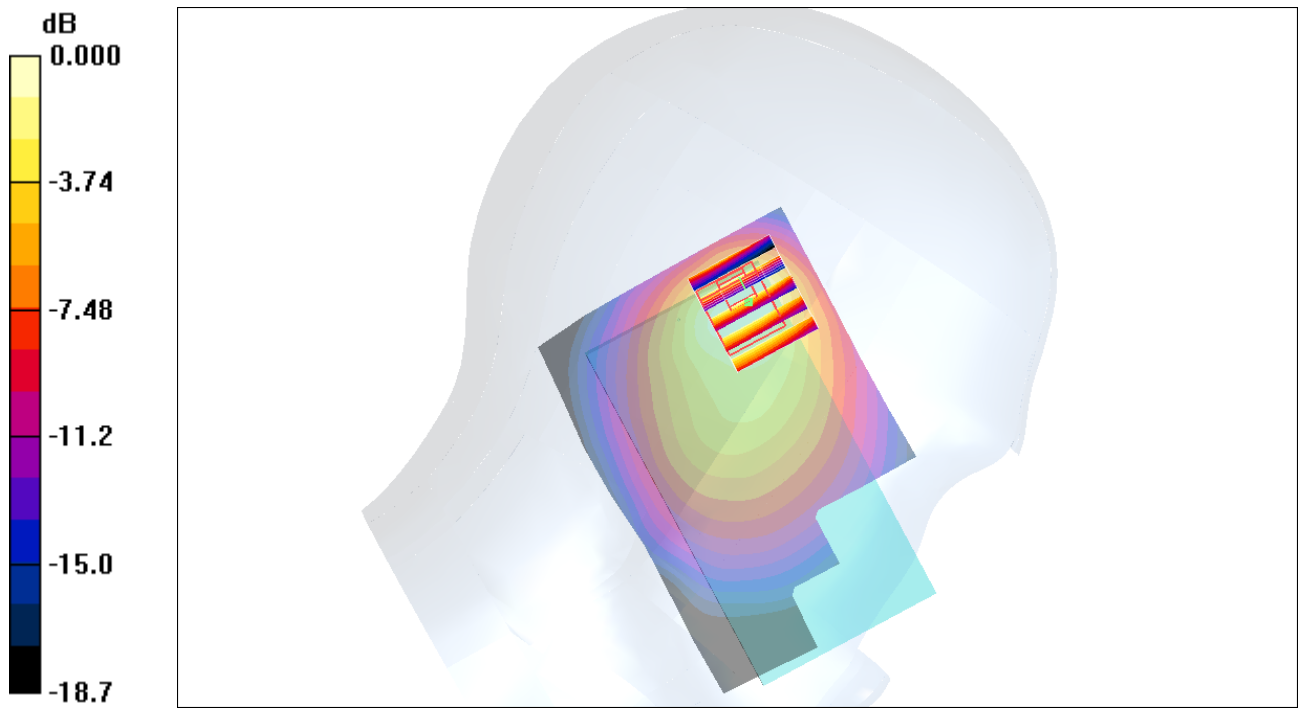
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#130 LTE Band17_16QAM(25-13)_Left Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.644 mW/g

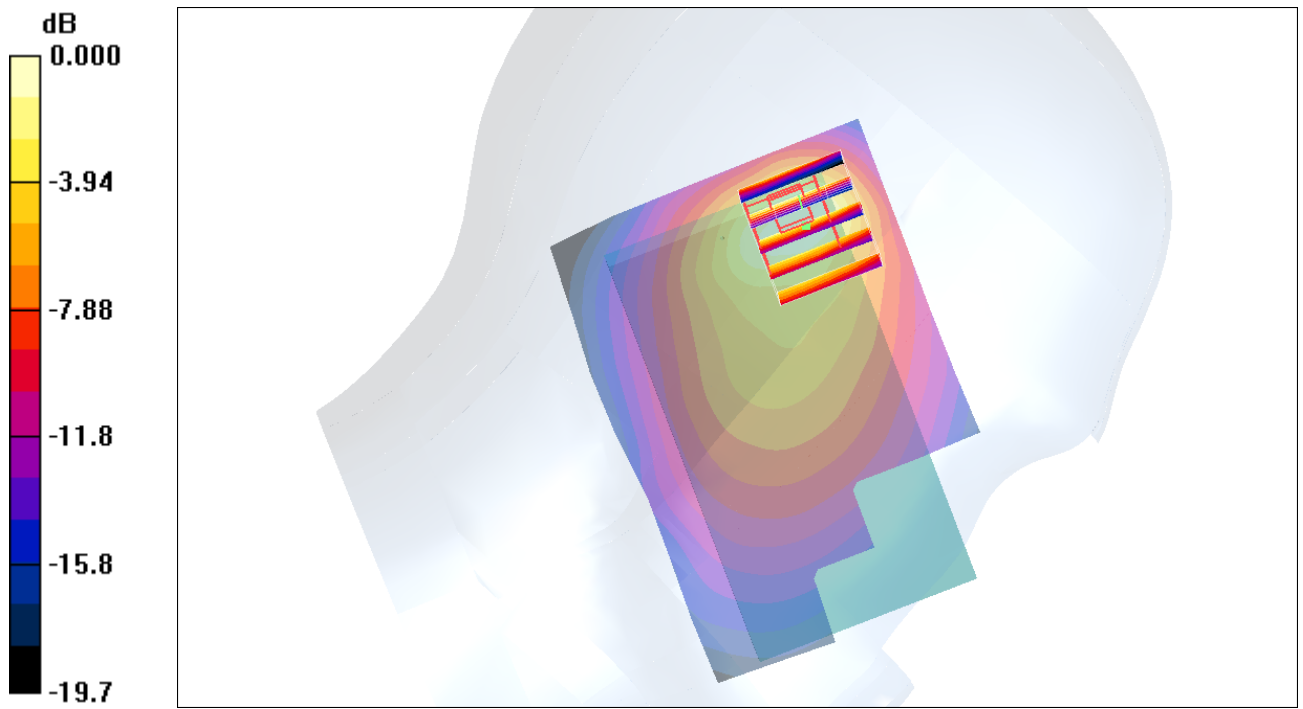
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.9 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#131 LTE Band17_16QAM(1-0)_Left Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.640 mW/g

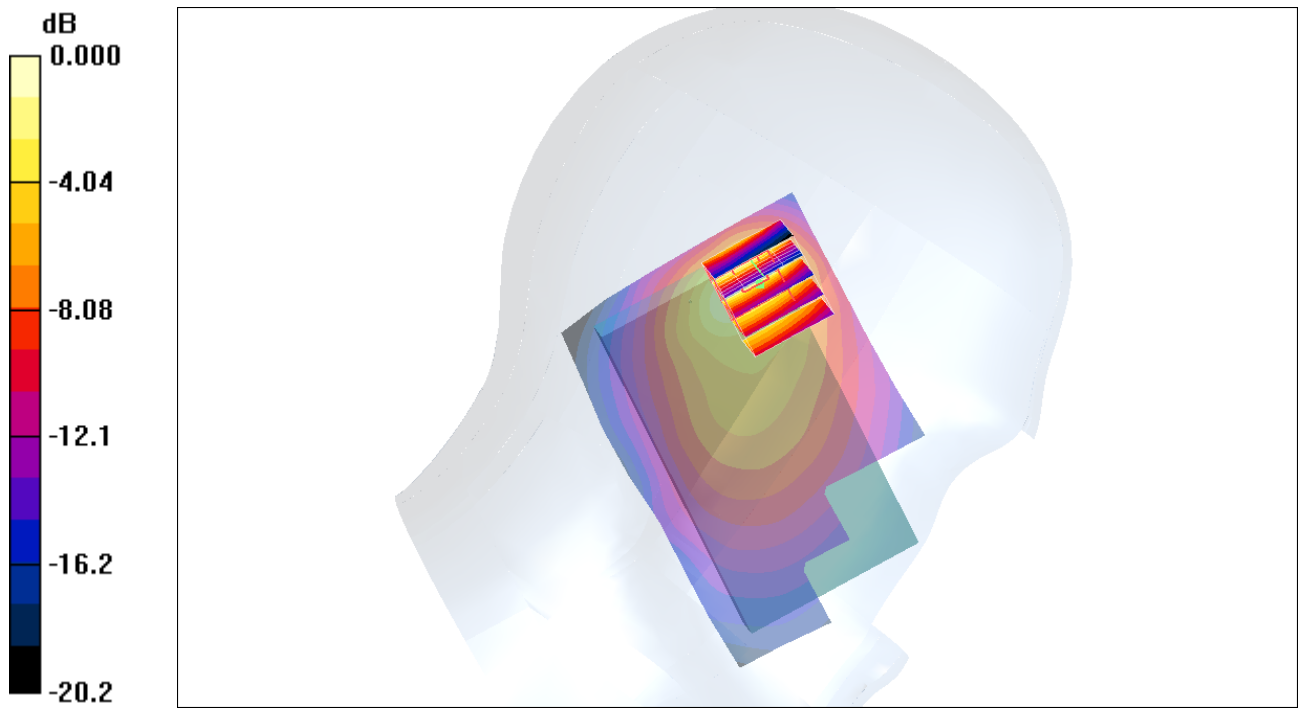
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.636 mW/g



0 dB = 0.636mW/g

#132 LTE Band17_16QAM(1-49)_Left Tilted_Ch23790_10M

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.653 mW/g

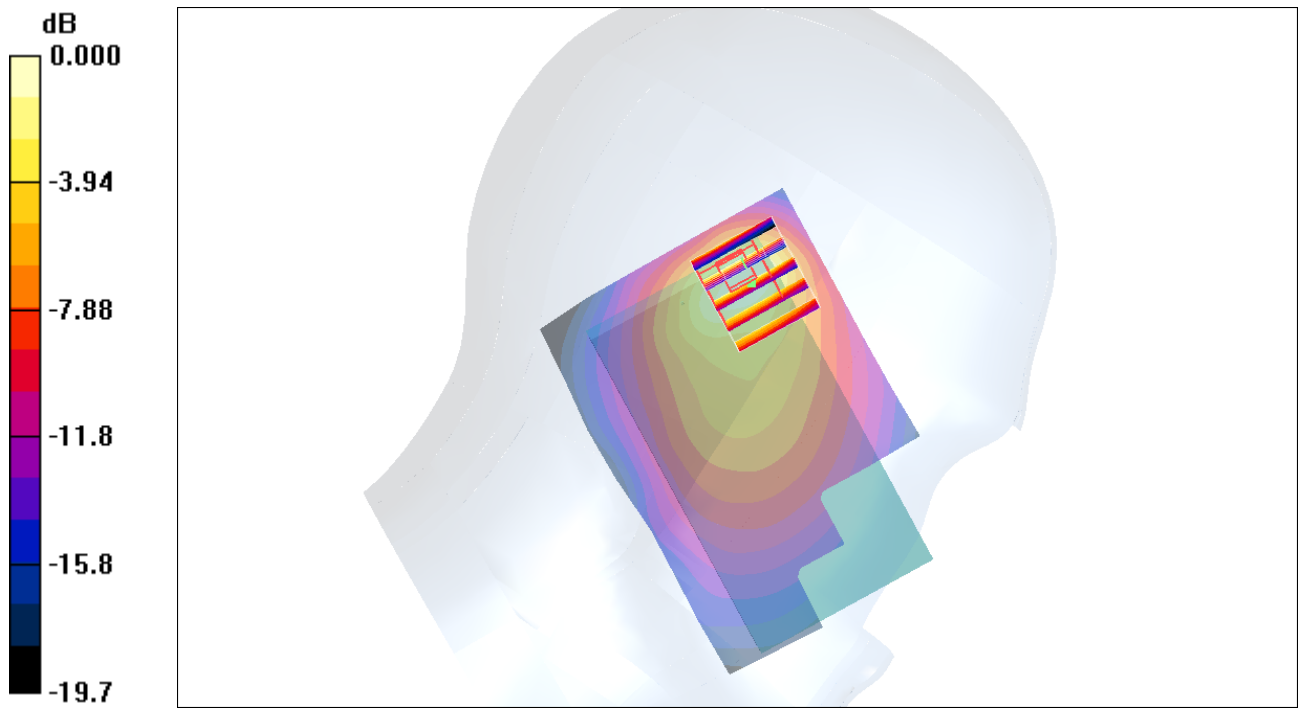
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.635 mW/g



0 dB = 0.635mW/g

#132 LTE Band17_16QAM(1-49)_Left Tilted_Ch23790_10M_2D

DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.86$
 mho/m ; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.653 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.635 mW/g

1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=3, Y=2

