

Date/Time: 1/12/2006 7:17:11 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(800mAH) PTH200**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (PTH200)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.223 mW/g

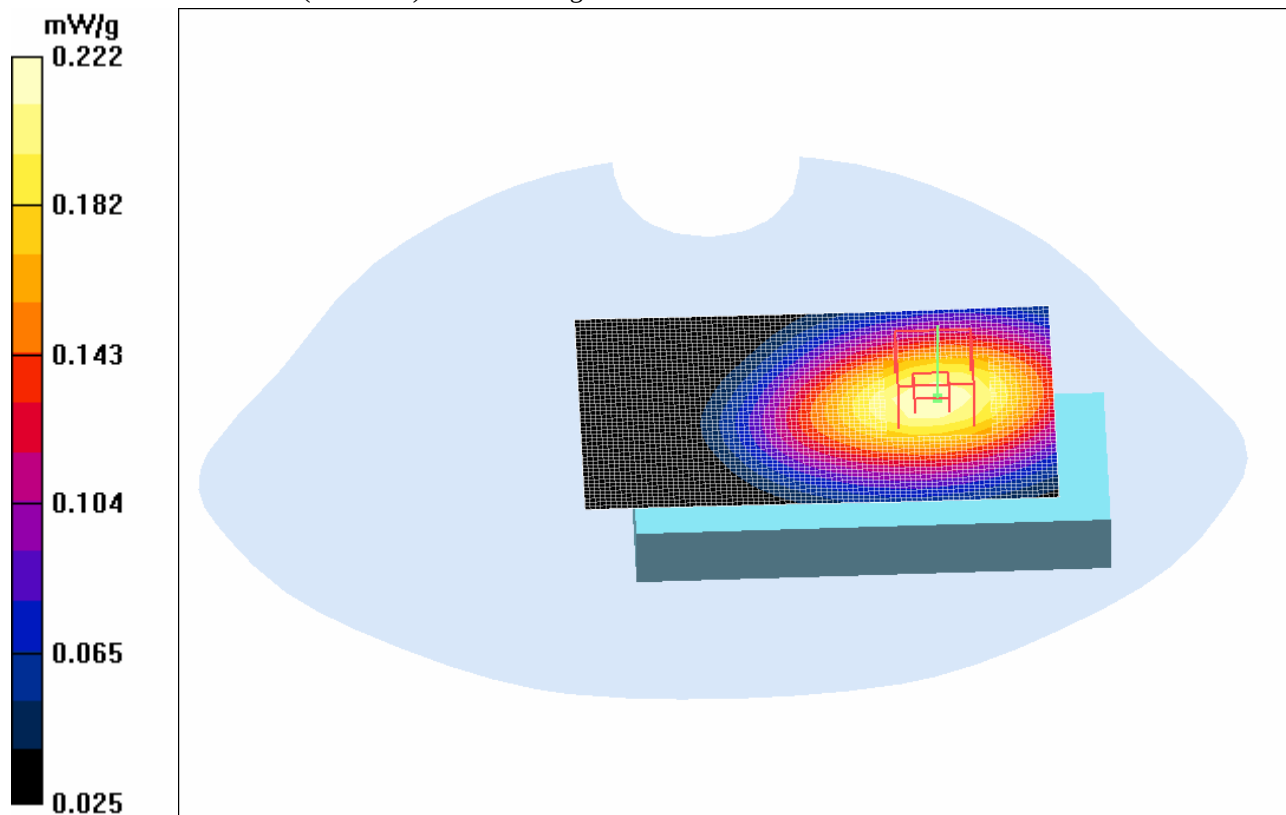
1.5cm Body position (PTH200)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.150 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.222 mW/g

**Plot #5**

Date/Time: 1/11/2006 7:17:22 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(800mAH) TOUCH**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.435 mW/g

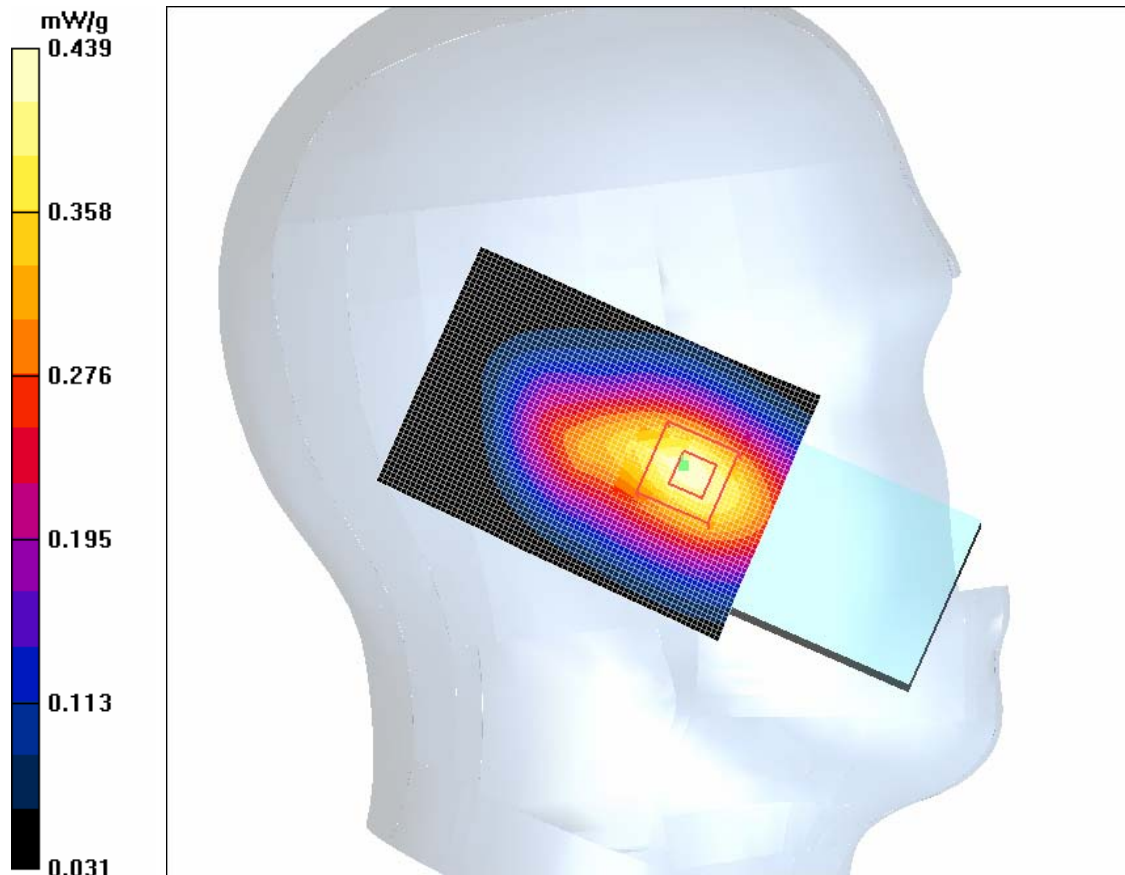
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.279 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.439 mW/g

**Plot #6**

Date/Time: 1/11/2006 7:32:13 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(800mAH) TILT**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.273 mW/g

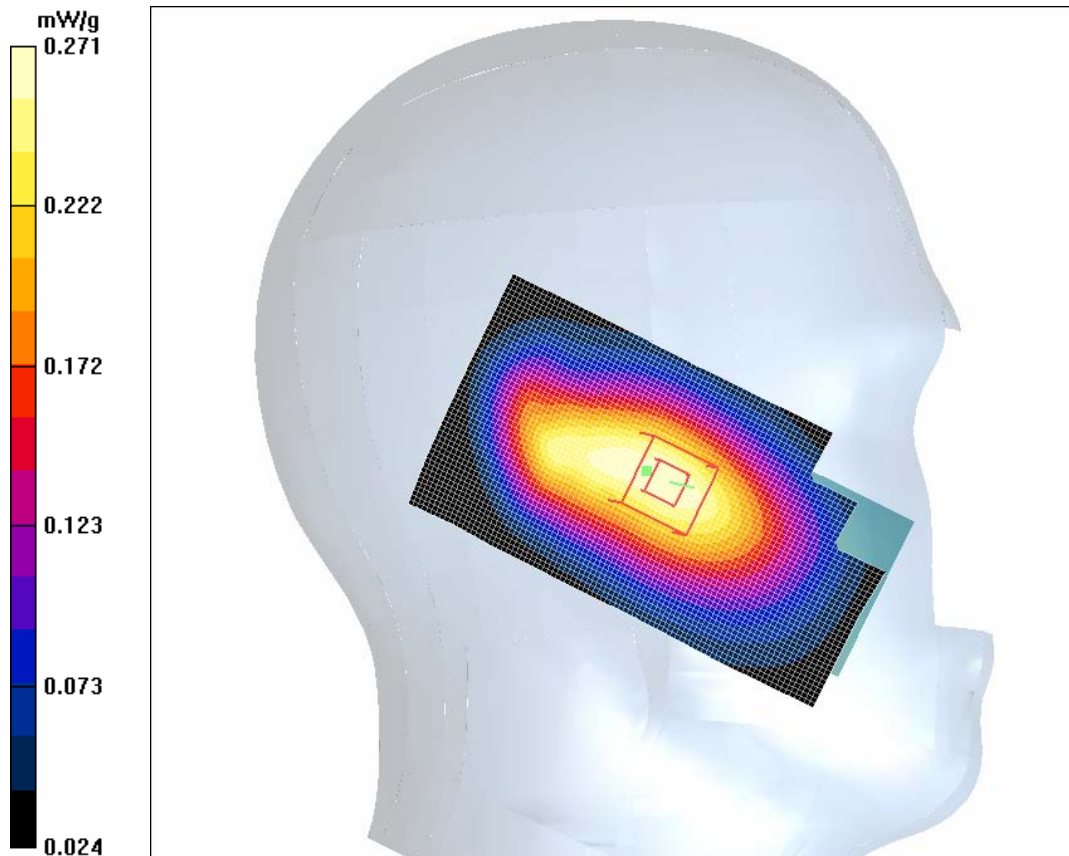
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.184 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.271 mW/g

**Plot #7**

Date/Time: 1/11/2006 12:02:05 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(800mAH) TOUCH**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.445 mW/g

Touch position - Middle/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.314 mW/g

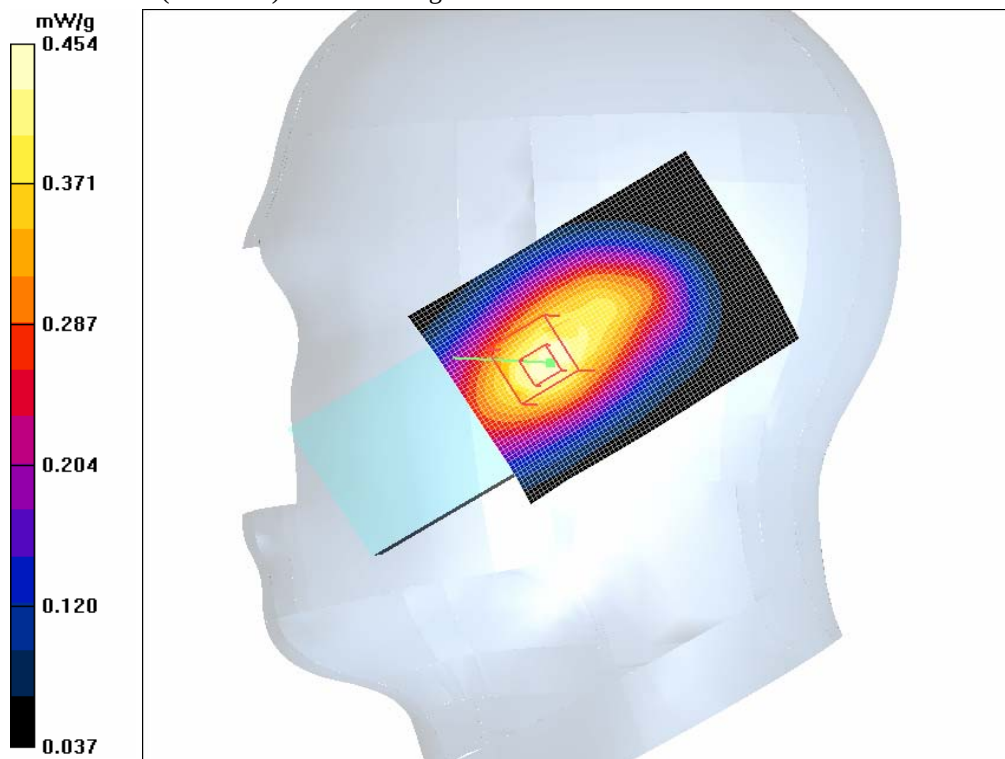
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.293 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.454 mW/g

**Plot #8**

Date/Time: 1/11/2006 1:01:40 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(800mAH) tilt**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.235 mW/g

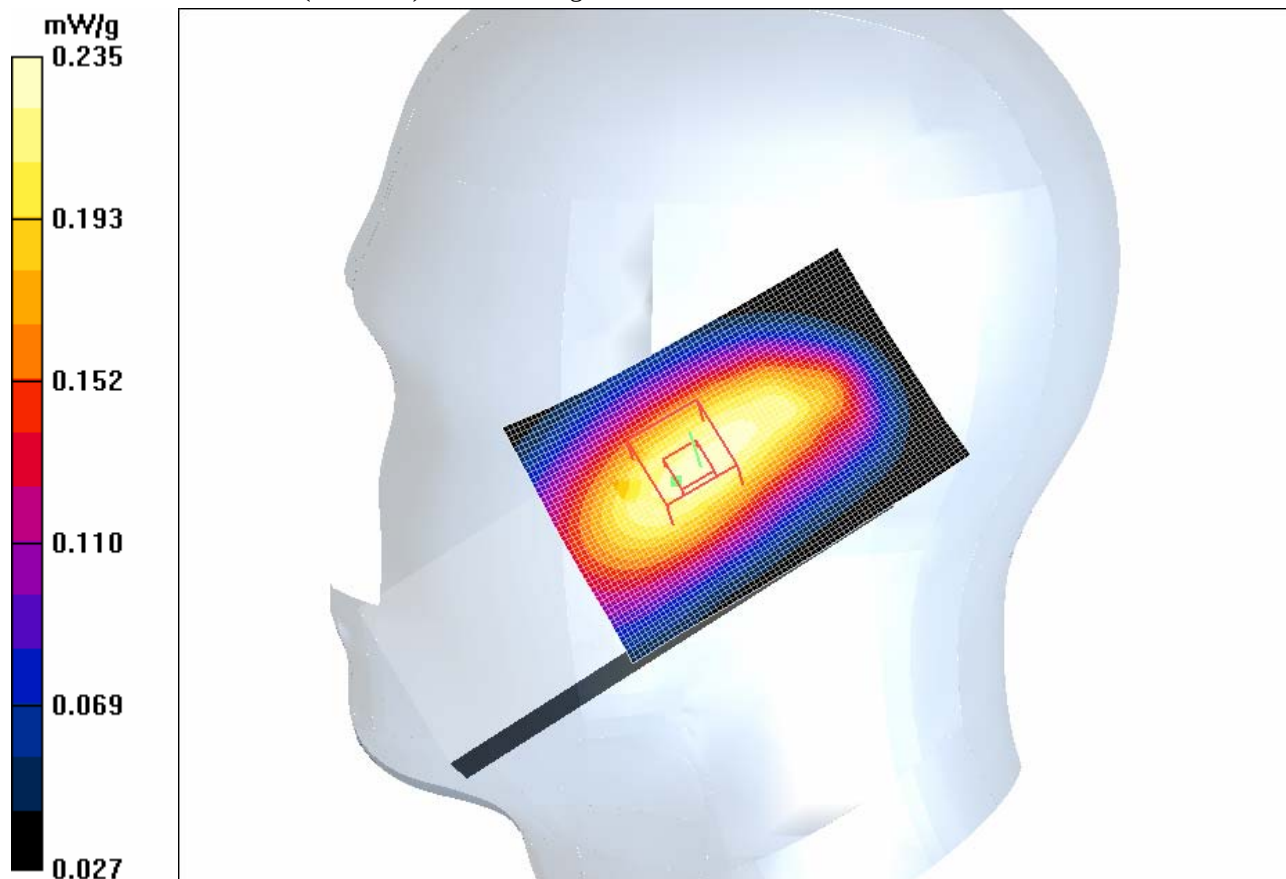
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.161 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.235 mW/g

**Plot #9**

1100mAH Battery

Date/Time: 1/12/2006 6:01:47 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1100mAH) H81N-A**DUT: 602X; Type: Sample; Serial:**Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H81N/A)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.227 mW/g

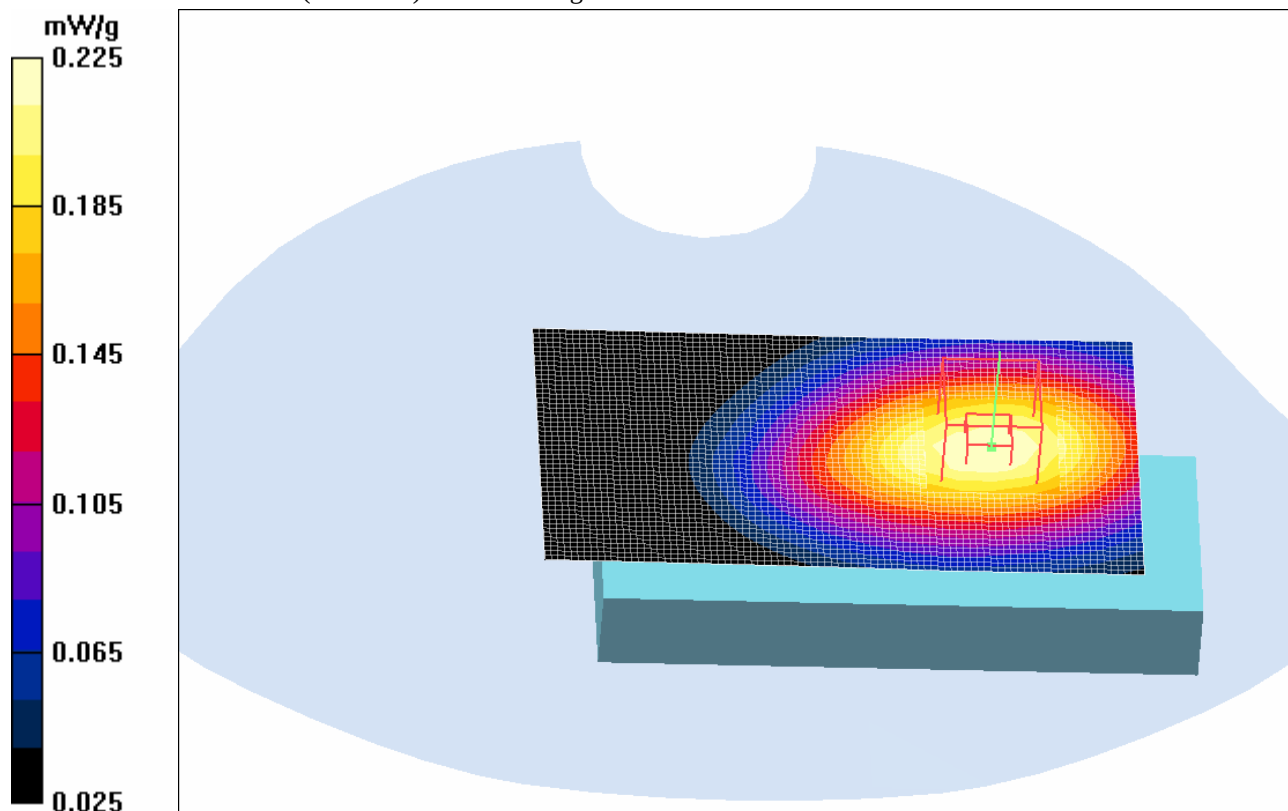
1.5cm Body position (H81N/A)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.154 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.225 mW/g

**Plot #10**

Date/Time: 1/12/2006 5:28:23 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1100mAH) H251N**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H251N)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.230 mW/g

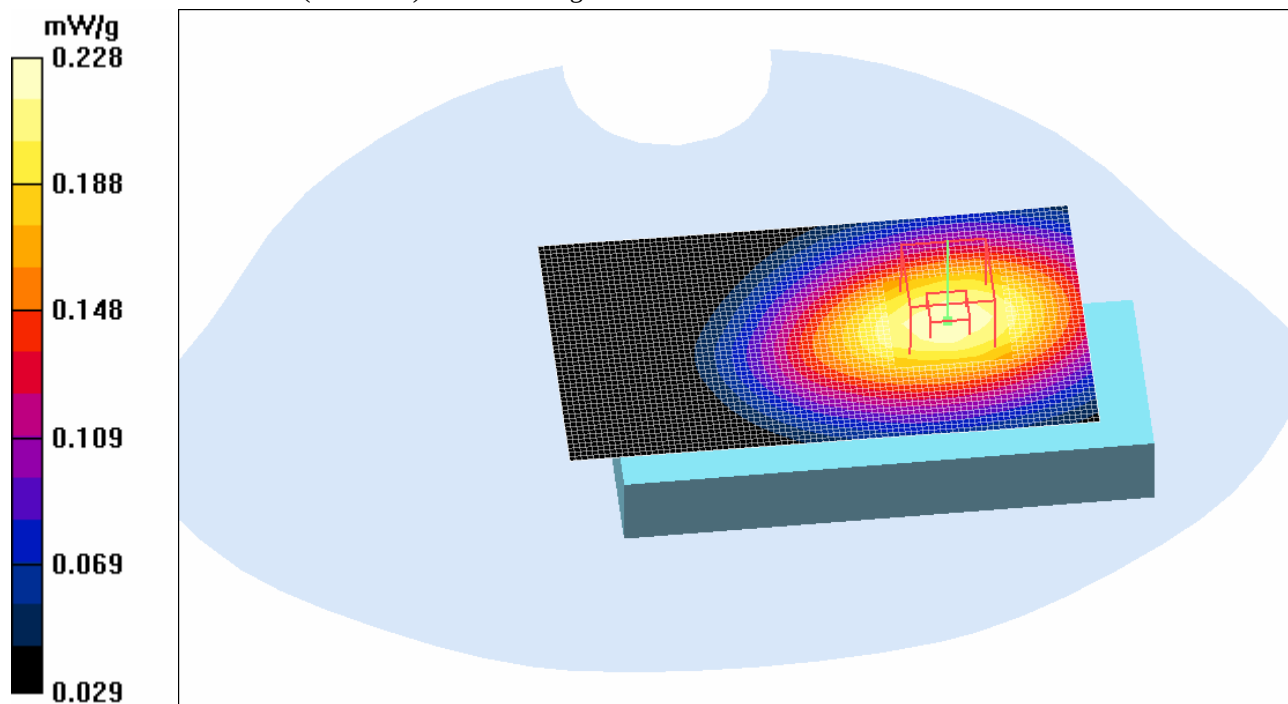
1.5cm Body position (H251N)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.154 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.228 mW/g

**Plot #11**

Date/Time: 1/12/2006 5:40:45 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1100mAH) H251N-A**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DVG - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H251N/A)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.228 mW/g

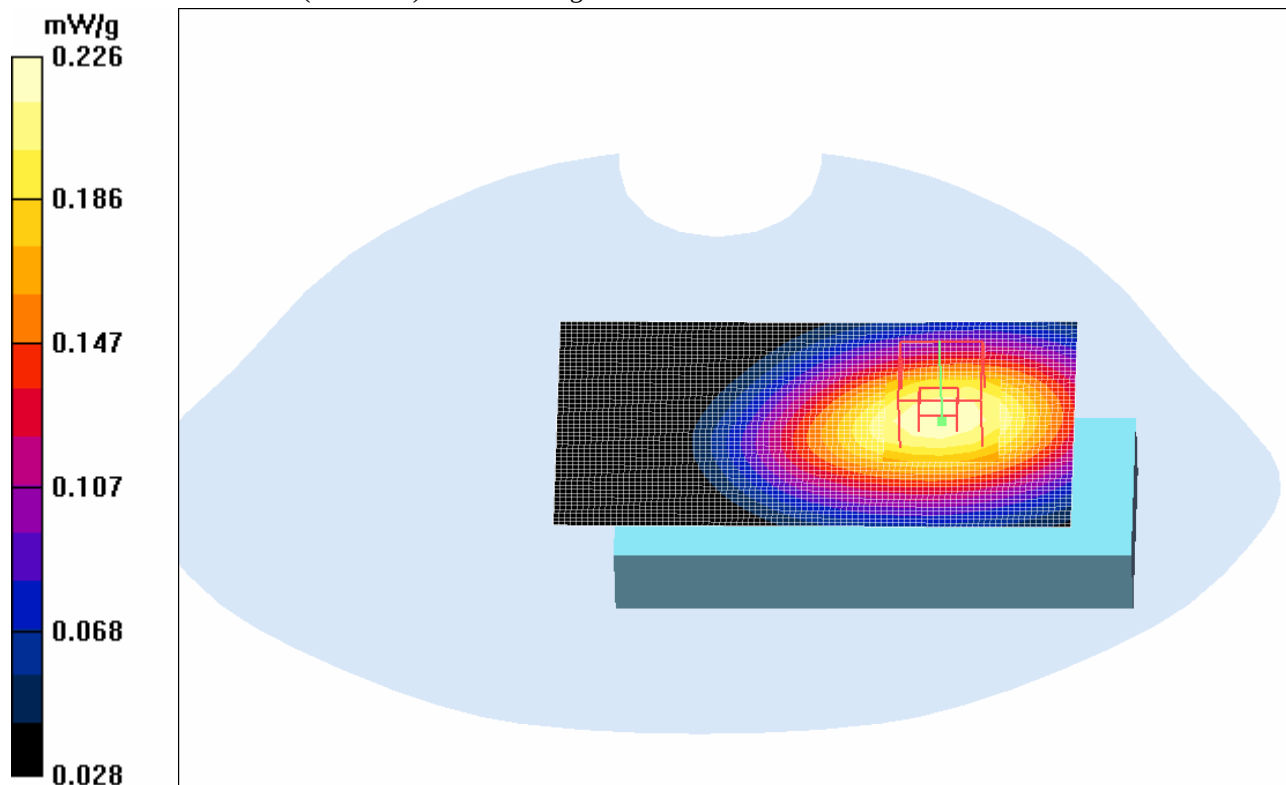
1.5cm Body position (H251N/A)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.34 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.154 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.226 mW/g

**Plot #12**

Date/Time: 1/12/2006 5:03:53 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1100mAH) PTH100**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position(PTH100)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.233 mW/g

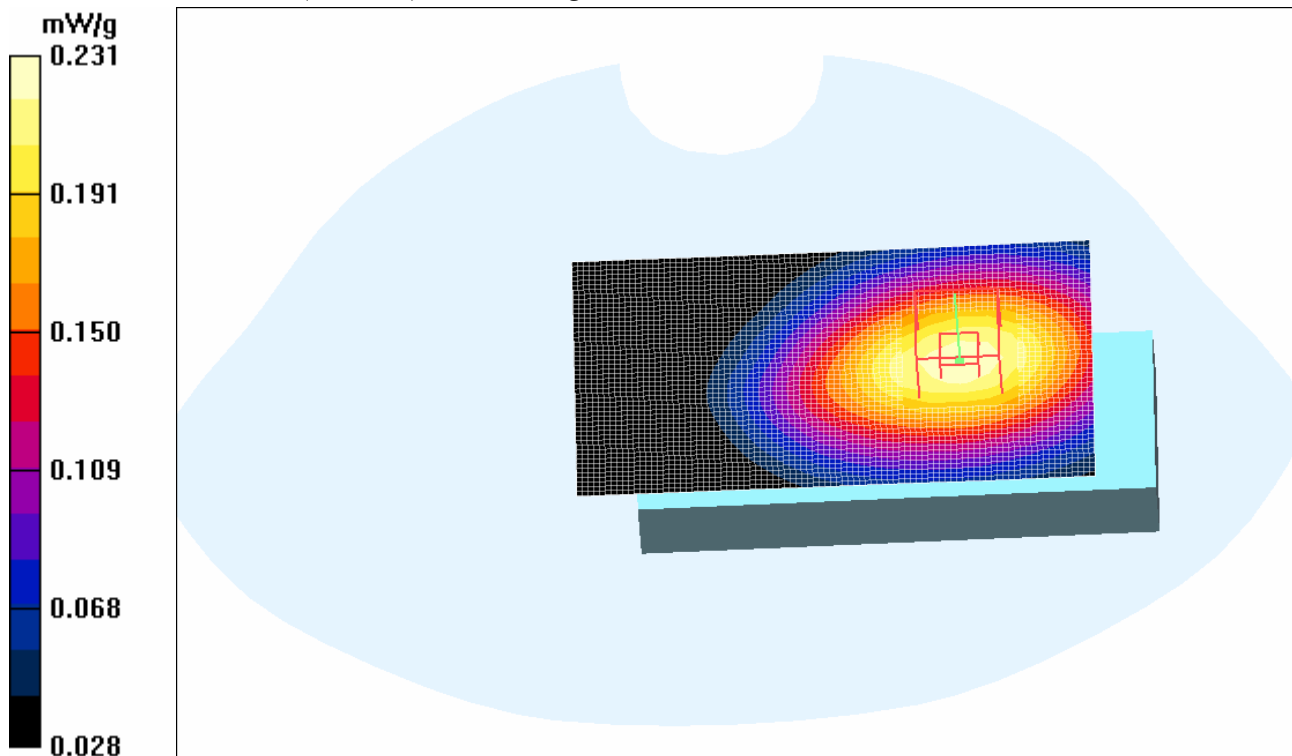
1.5cm Body position(PTH100)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.45 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.156 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.231 mW/g

**Plot #13**

Date/Time: 1/12/2006 5:16:05 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1100mAH) PTH200**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (PTH200)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.232 mW/g

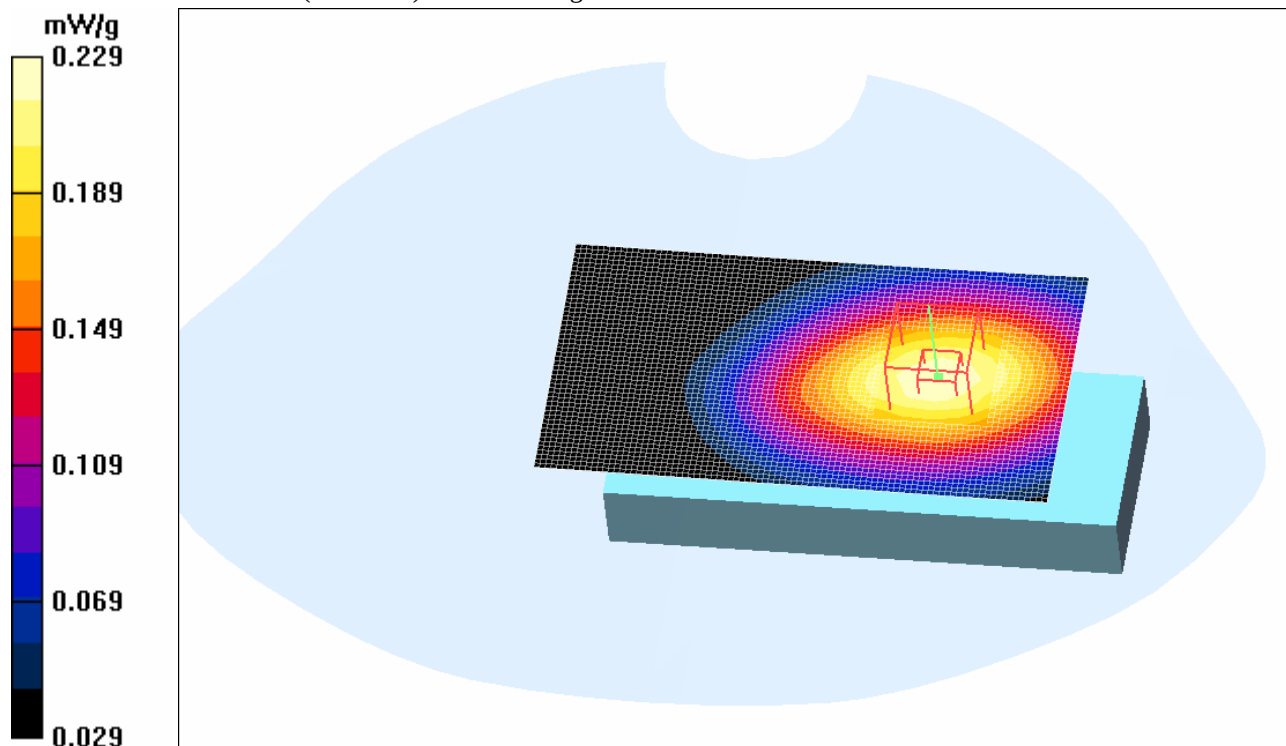
1.5cm Body position (PTH200)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.42 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.155 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.229 mW/g

**Plot #14**

Date/Time: 1/11/2006 6:56:26 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(1100mAH) touch**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.421 mW/g

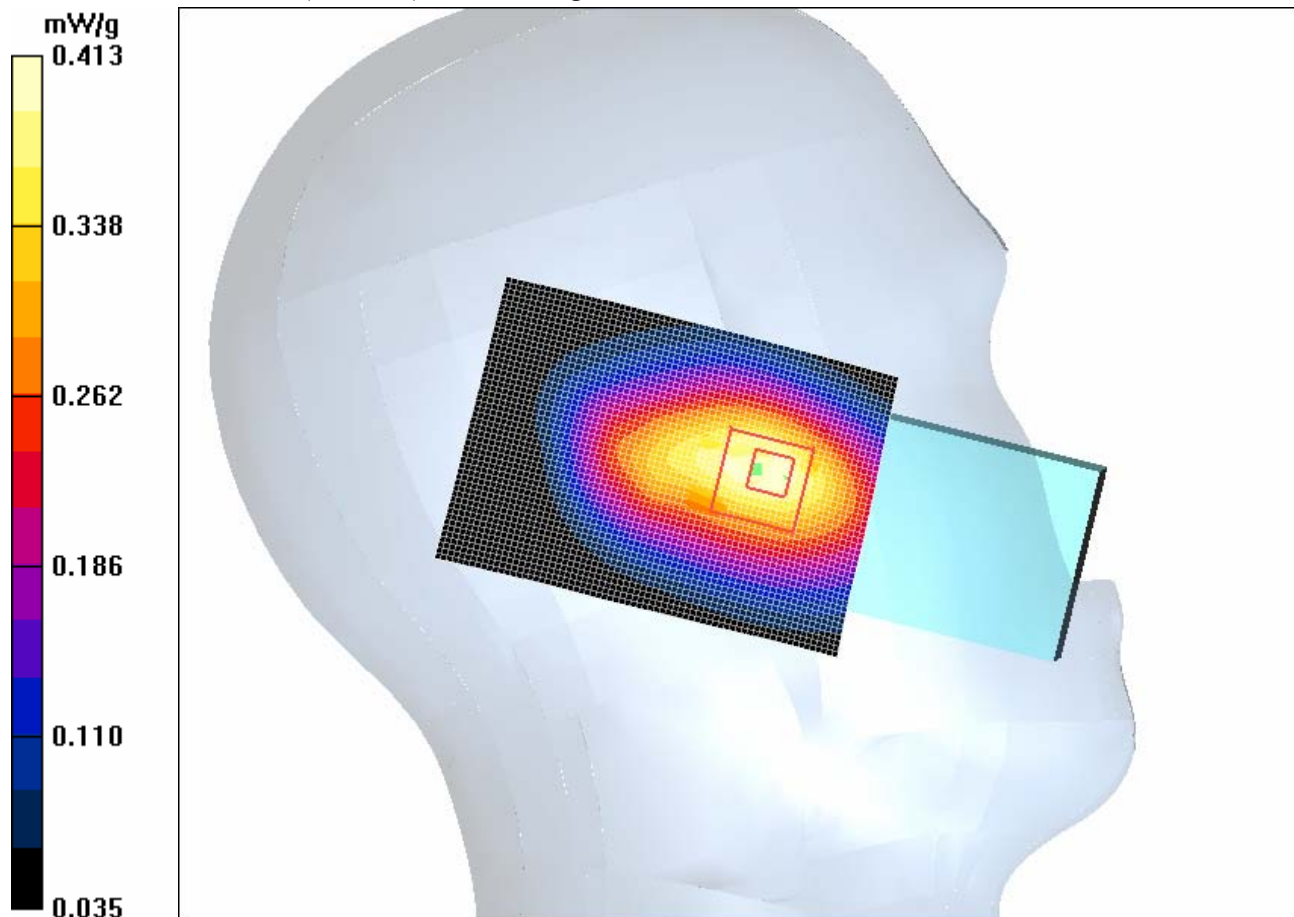
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.268 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.413 mW/g

**Plot #15**

Date/Time: 1/11/2006 6:41:59 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(1100mAH) TILT**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.264 mW/g

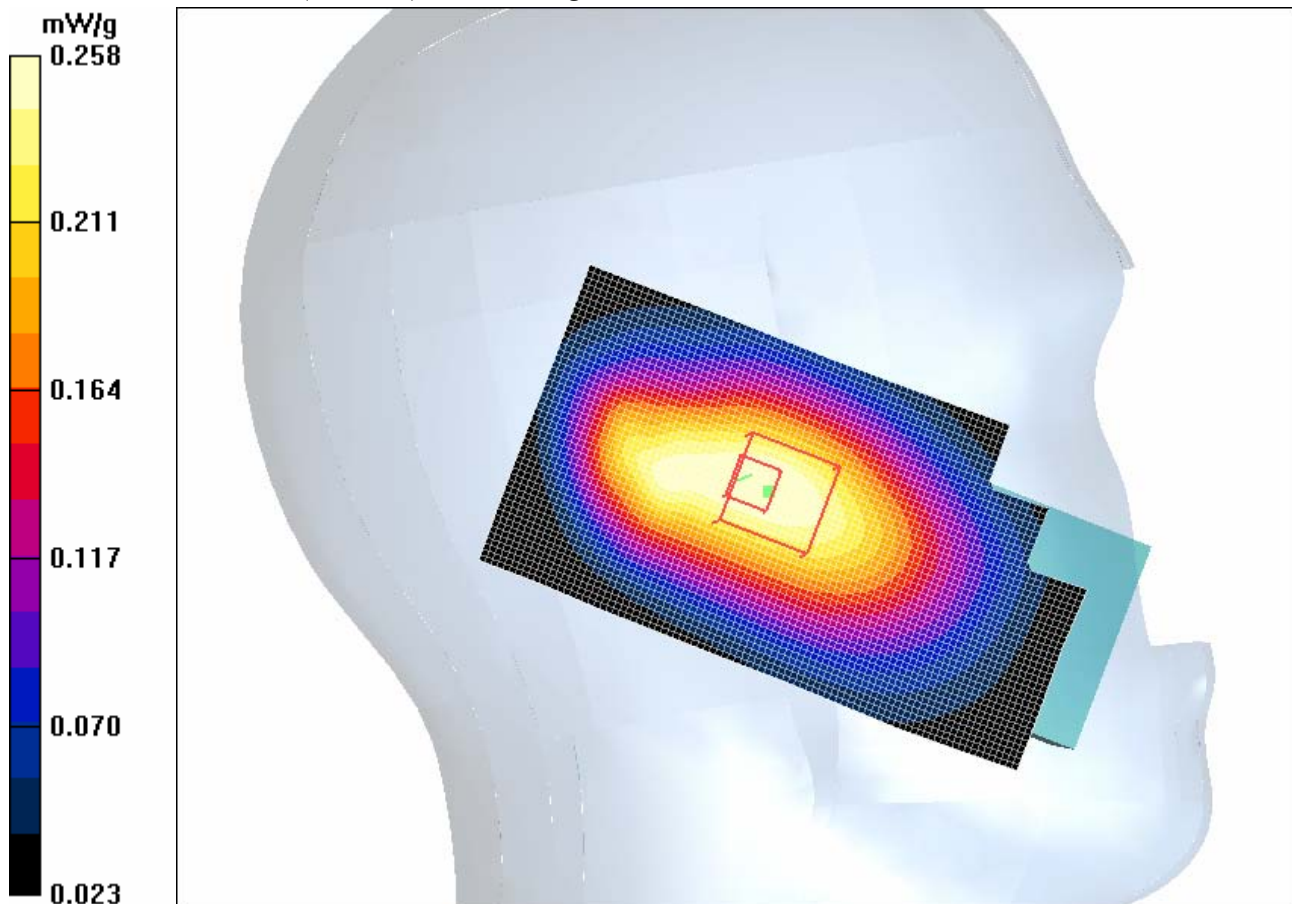
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.175 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.258 mW/g

**Plot #16**

Date/Time: 1/11/2006 1:48:40 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(1100mAH) TOUCH**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.479 mW/g

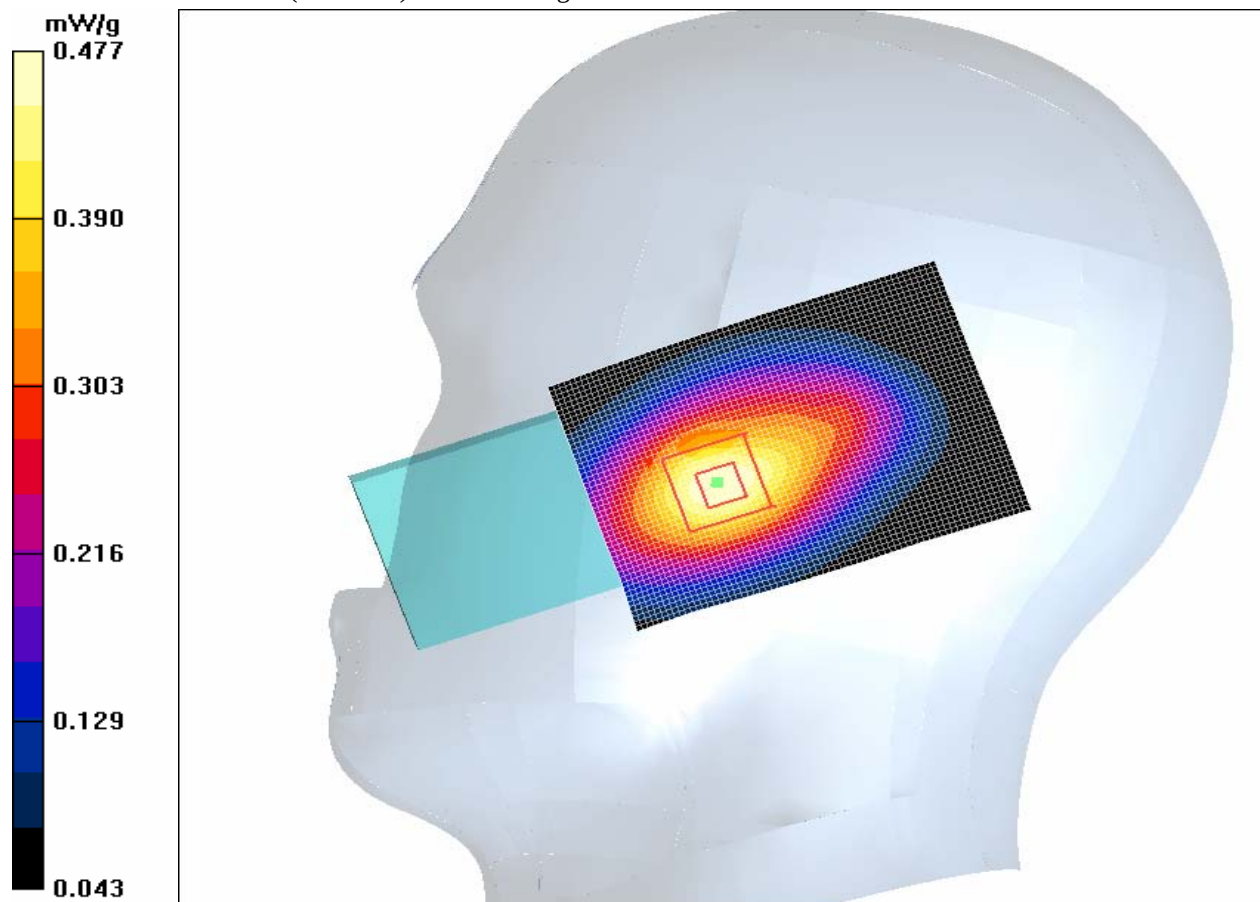
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.303 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.477 mW/g

**Plot #17**

Date/Time: 1/11/2006 1:34:09 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(1100mAH) TILT**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.248 mW/g

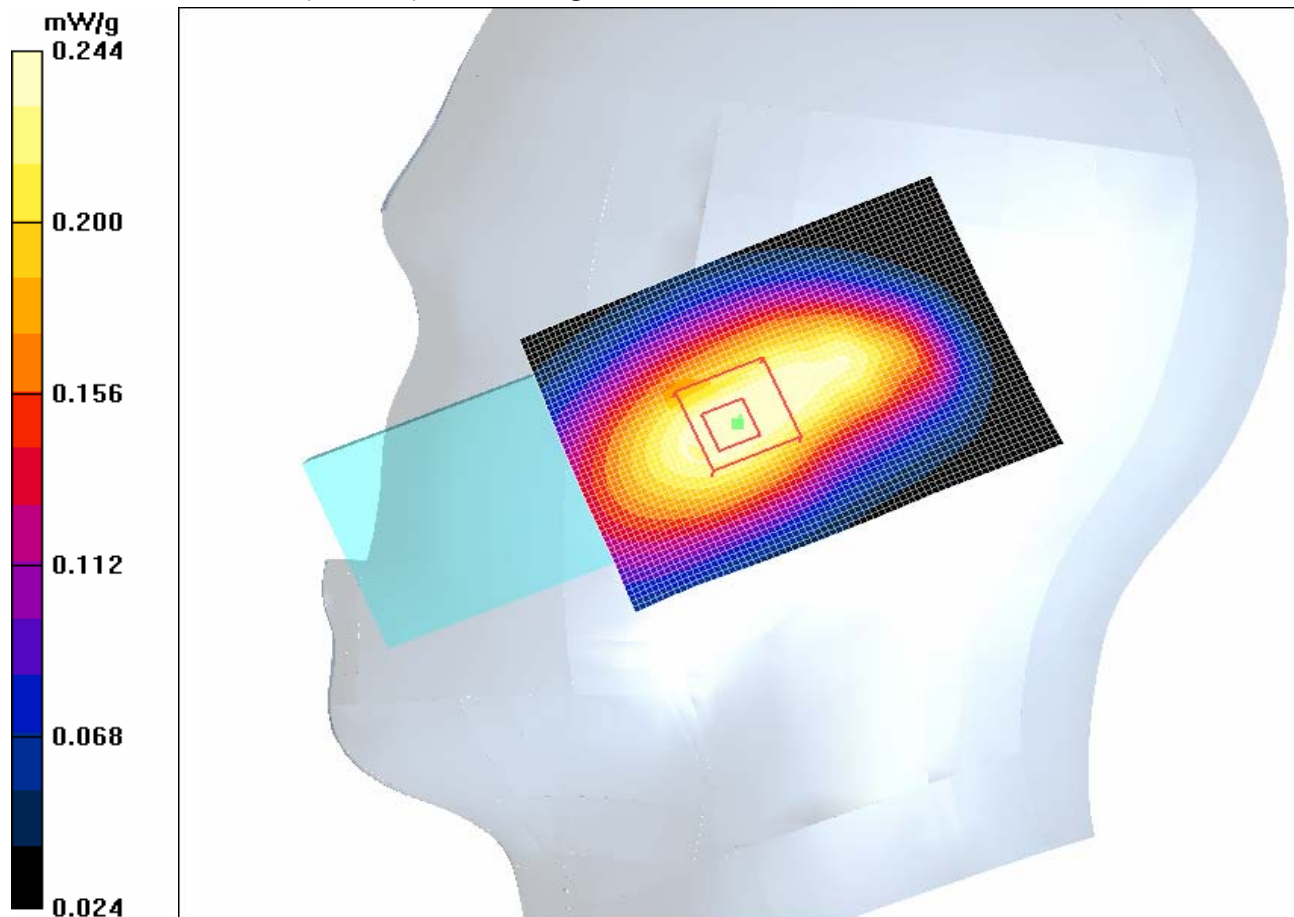
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.167 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.244 mW/g

**Plot #18**

1600mAH Battery

Date/Time: 1/12/2006 4:43:01 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1600mAH) H81N-A**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H81N/A)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.235 mW/g

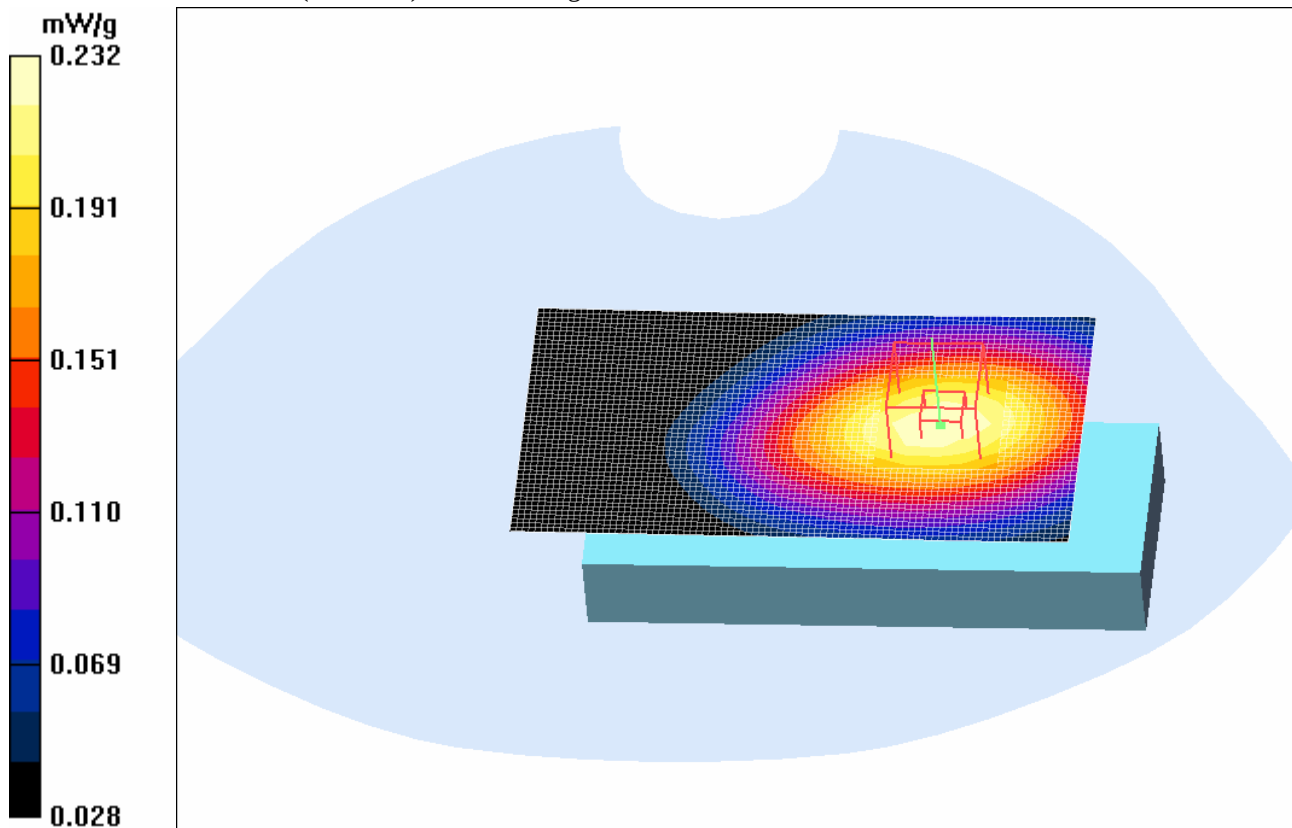
1.5cm Body position (H81N/A)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.45 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.157 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.232 mW/g

**Plot #19**

Date/Time: 1/12/2006 4:17:47 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1600mAH) H251N**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H251N)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.238 mW/g

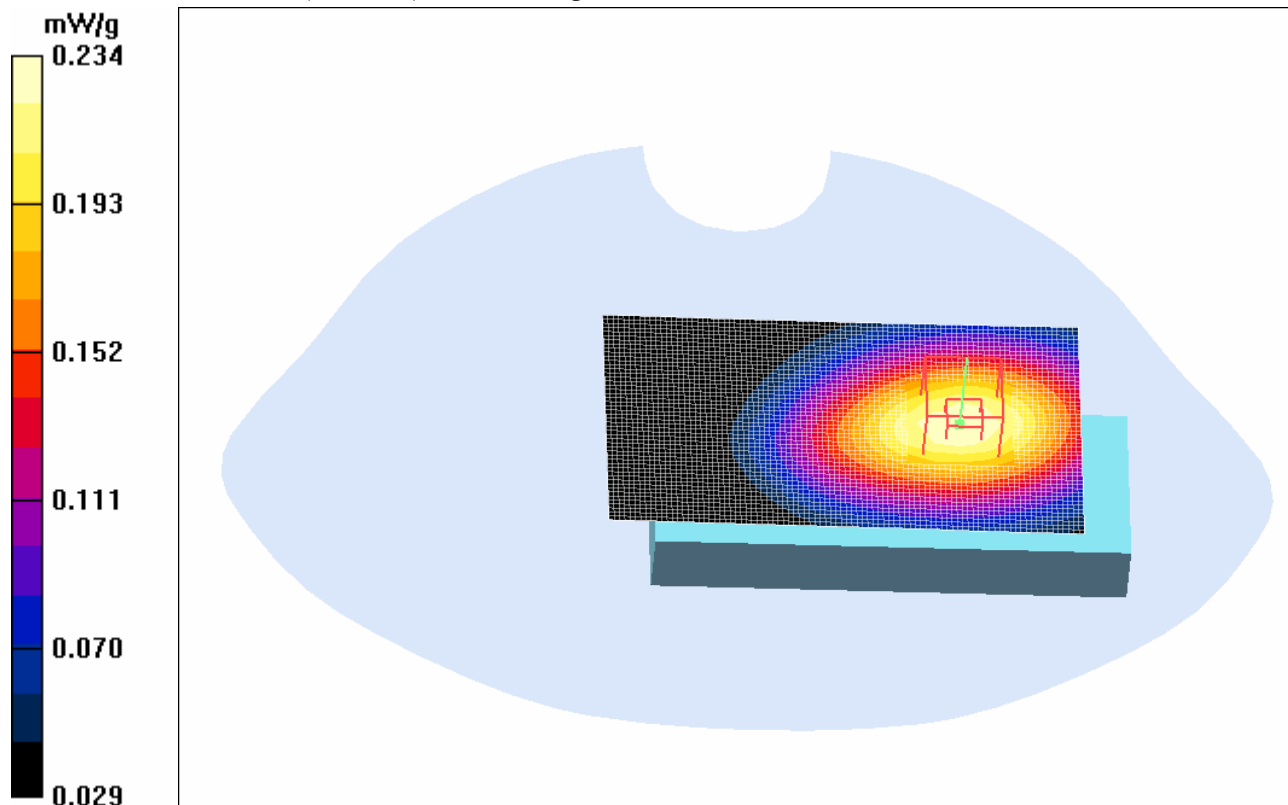
1.5cm Body position (H251N)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.49 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.159 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.234 mW/g

**Plot #20**

Date/Time: 1/12/2006 4:30:52 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1600mAH) H251N-A**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (H251N/A)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.235 mW/g

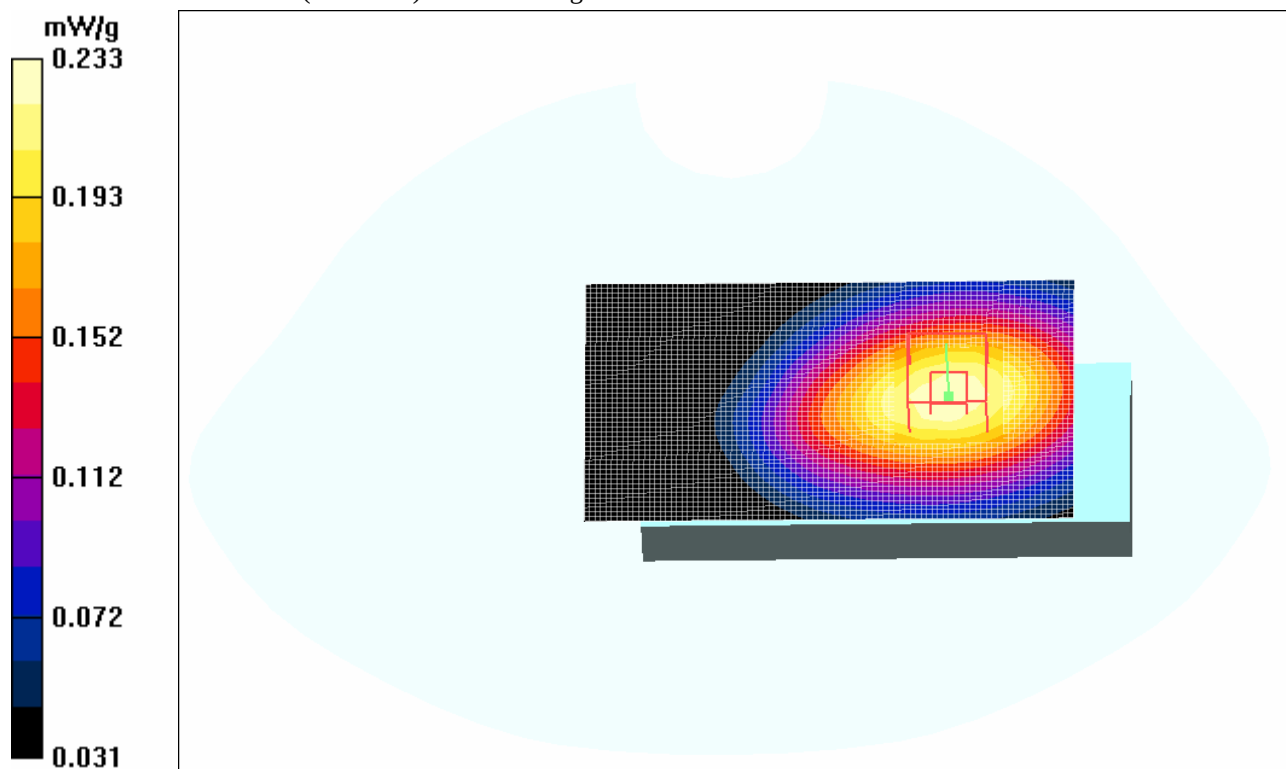
1.5cm Body position (H251N/A)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.158 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.233 mW/g

**Plot #21**

Date/Time: 1/12/2006 3:43:37 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1600mAH) PTH100**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position(PTH100)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.239 mW/g

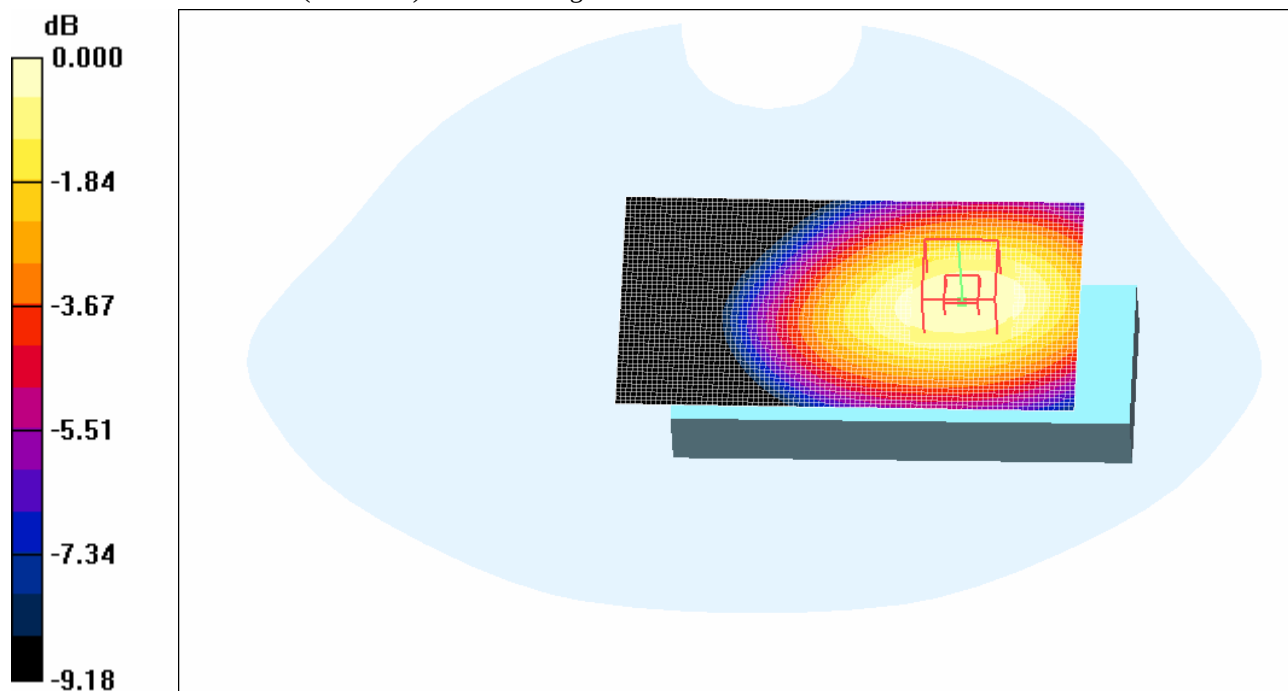
1.5cm Body position(PTH100)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.55 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.160 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.237 mW/g



0 dB = 0.237mW/g

Plot #22

Date/Time: 1/12/2006 3:55:39 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Body(1600mAH) PTH200**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.27, 6.27, 6.27); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

1.5cm Body position (PTH200)/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.238 mW/g

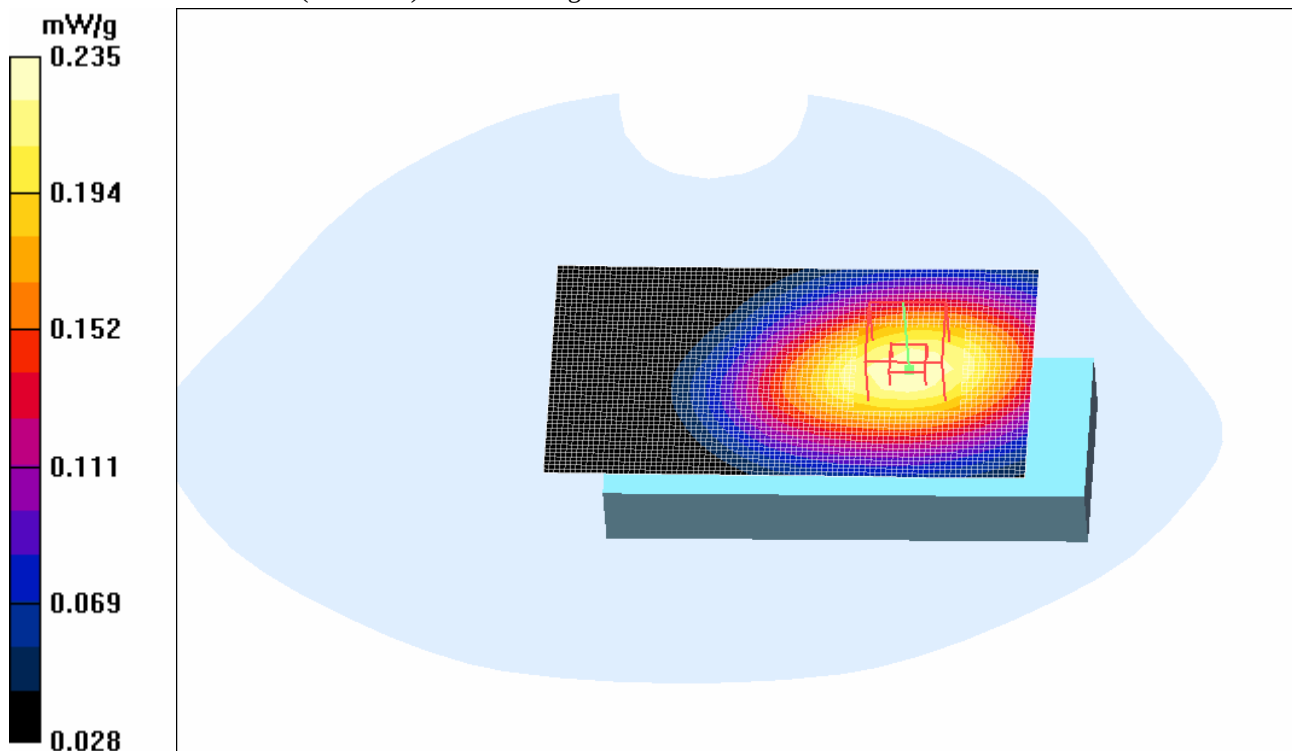
1.5cm Body position (PTH200)/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.52 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.160 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.235 mW/g

**Plot #23**

Date/Time: 1/11/2006 3:41:27 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(1600mAH) touch**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.440 mW/g

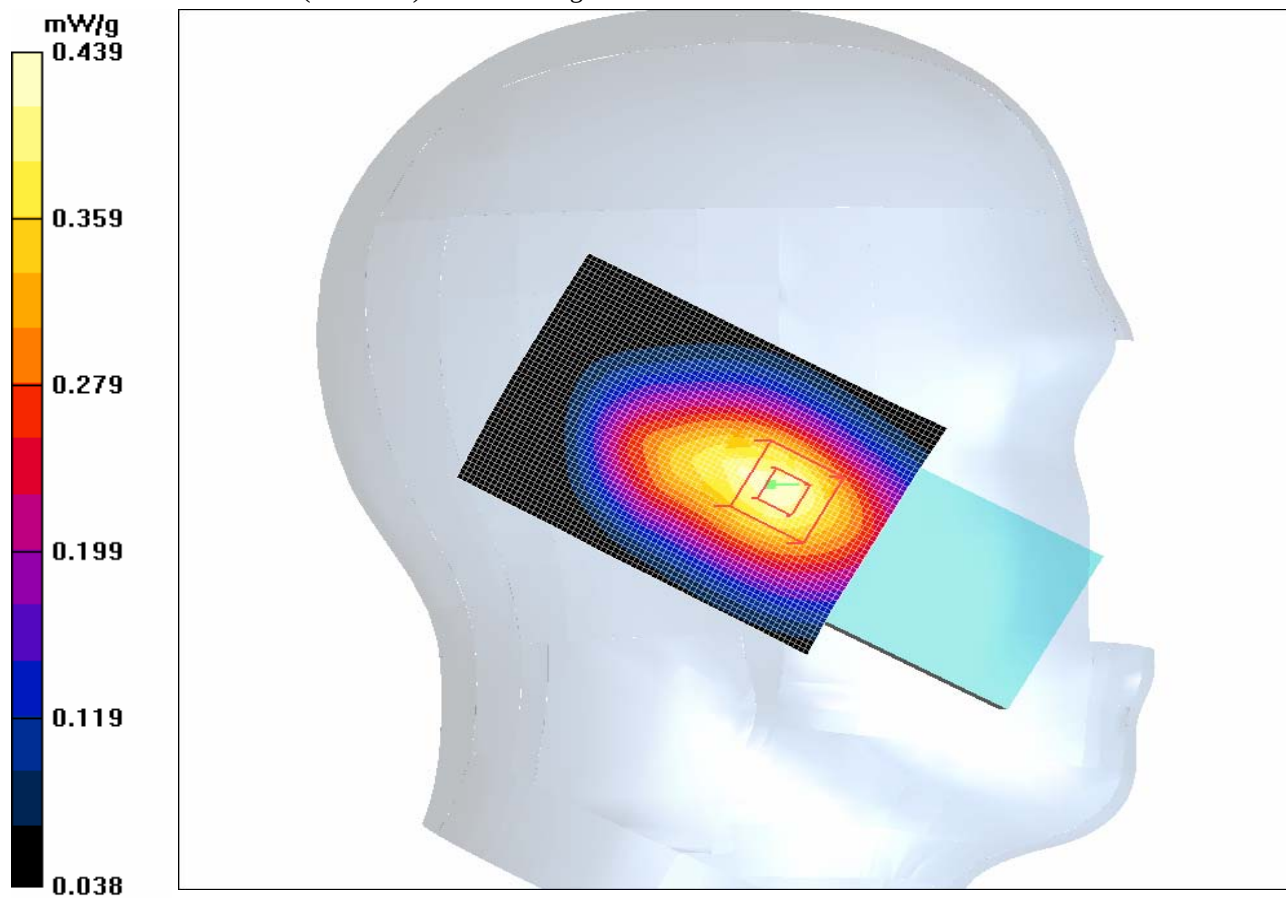
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.285 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.439 mW/g

**Plot #24**

Date/Time: 1/11/2006 6:24:30 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X_Left Head(1600mAH) tilt**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.235 mW/g

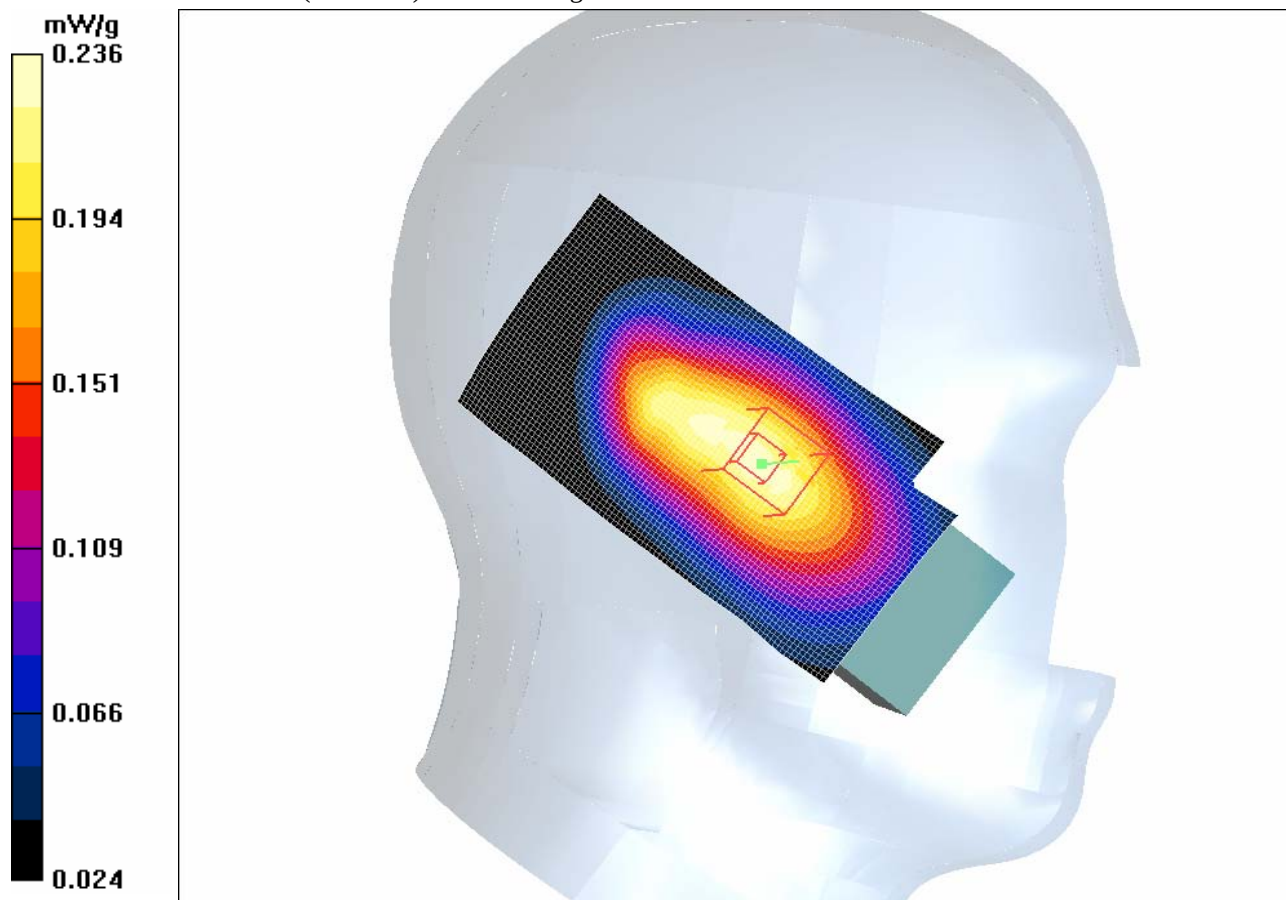
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.158 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.236 mW/g

**Plot #25**

Date/Time: 1/11/2006 2:14:40 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(1600mAH) touch**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.508 mW/g

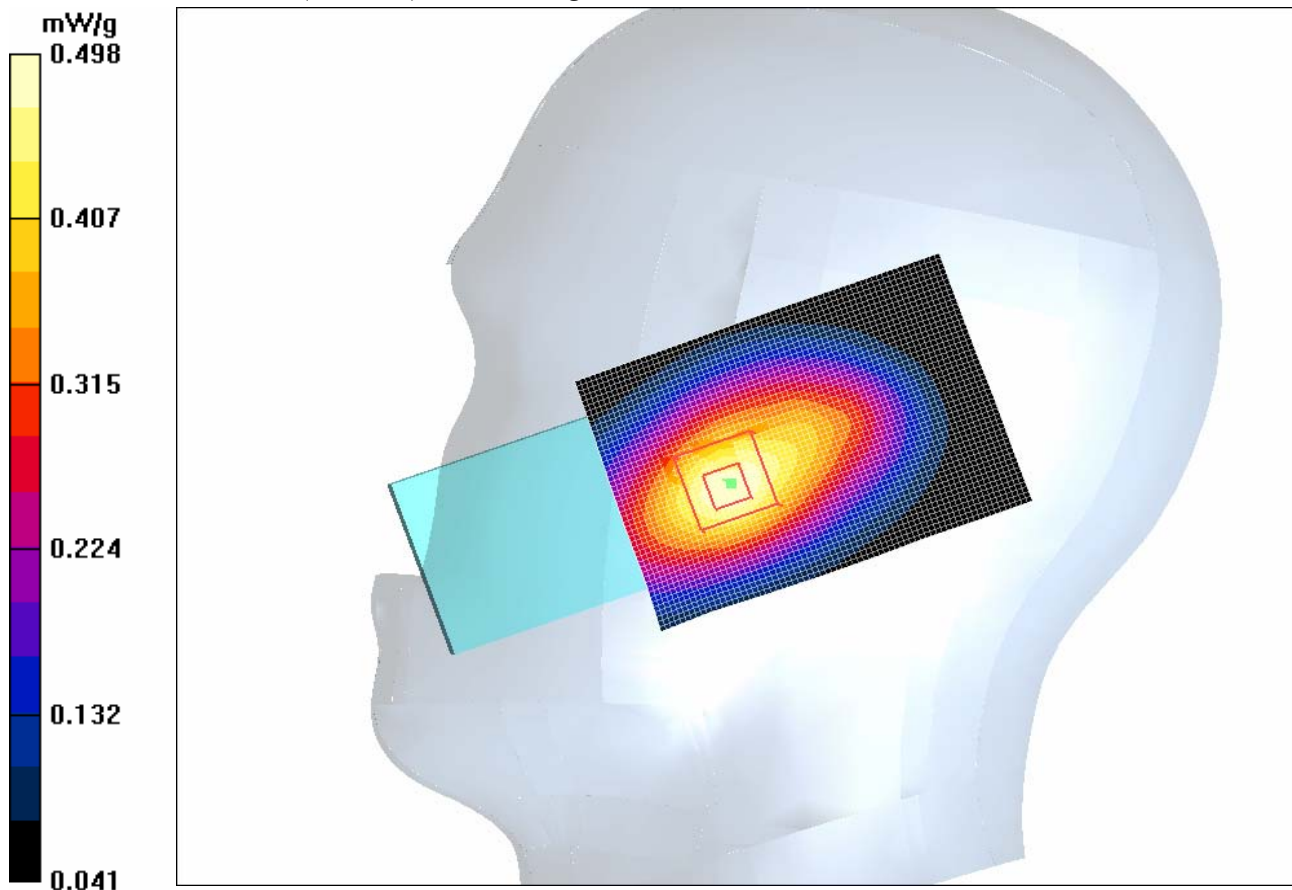
Touch position - Middle/Zoom Scan (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.320 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.498 mW/g

**Plot #26**

Date/Time: 1/11/2006 2:43:35 PM

Test Laboratory: Bay Area Compliance Lab Corp.

060111-Spectralink-602X-Right Head(1600mAH) tilt**DUT: 602X; Type: Sample; Serial:**

Communication System: Spectralink 900MHz Hopping System; Frequency: 914.737 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 914.737$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(6.62, 6.62, 6.62); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Middle/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.225 mW/g

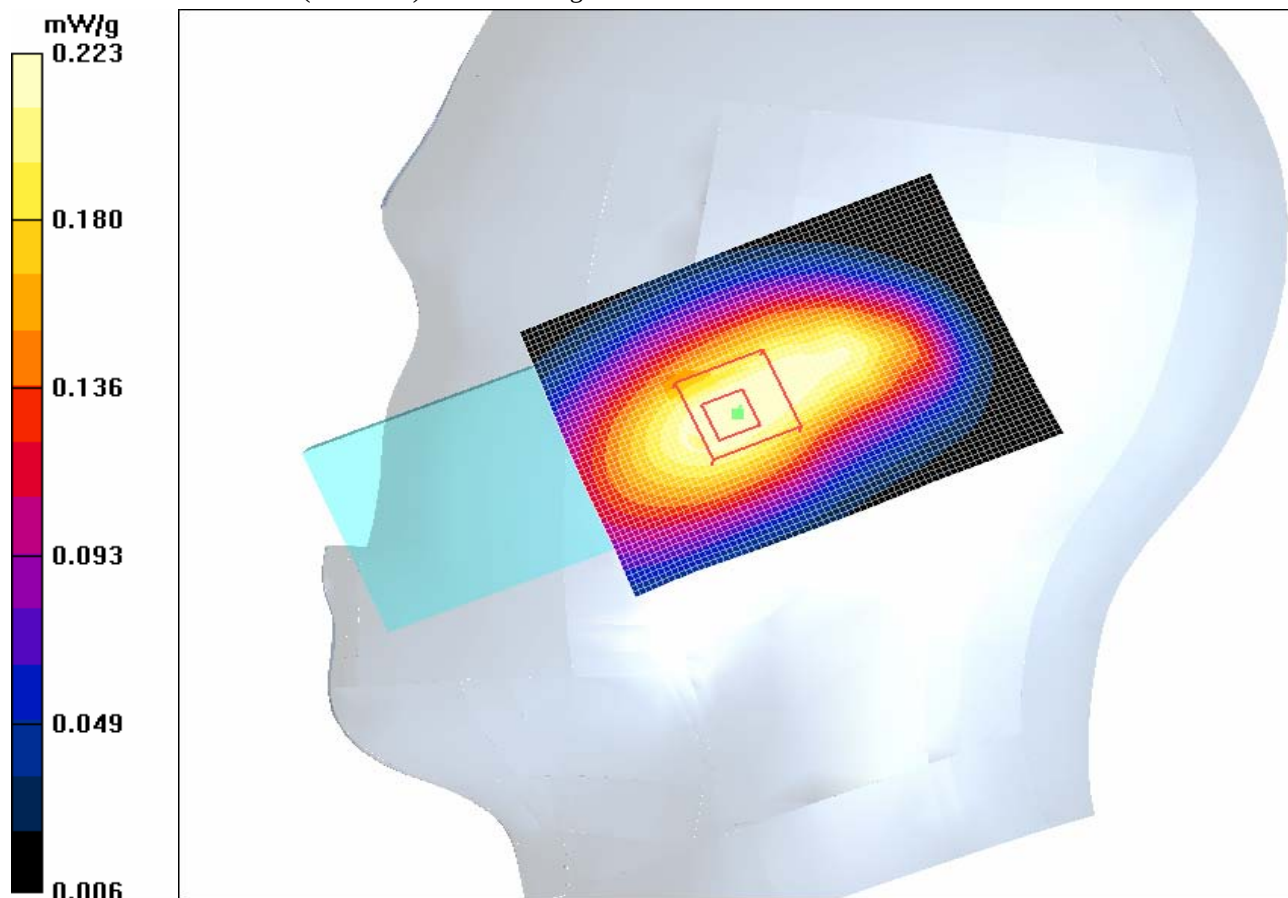
Tilt position - Middle/Zoom Scan 1 (5mmx5mmx5mm): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.138 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.223 mW/g

**Plot #27**

APPENDIX F – CONDUCTED OUTPUT POWER MEASUREMENT

Provision Applicable

The measured peak output power should be greater and within 5% than EMI measurement.

Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

Test equipment

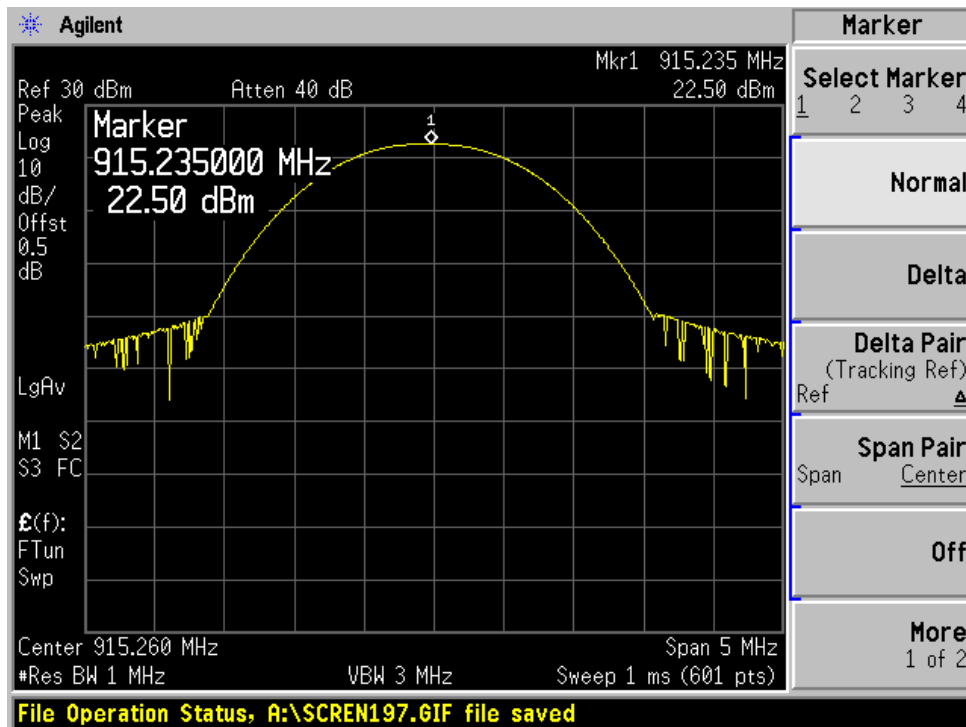
Agilent PSA E4446A Spectrum Analyzer, Calibration Due Date: 2005-11-10.

Test Results

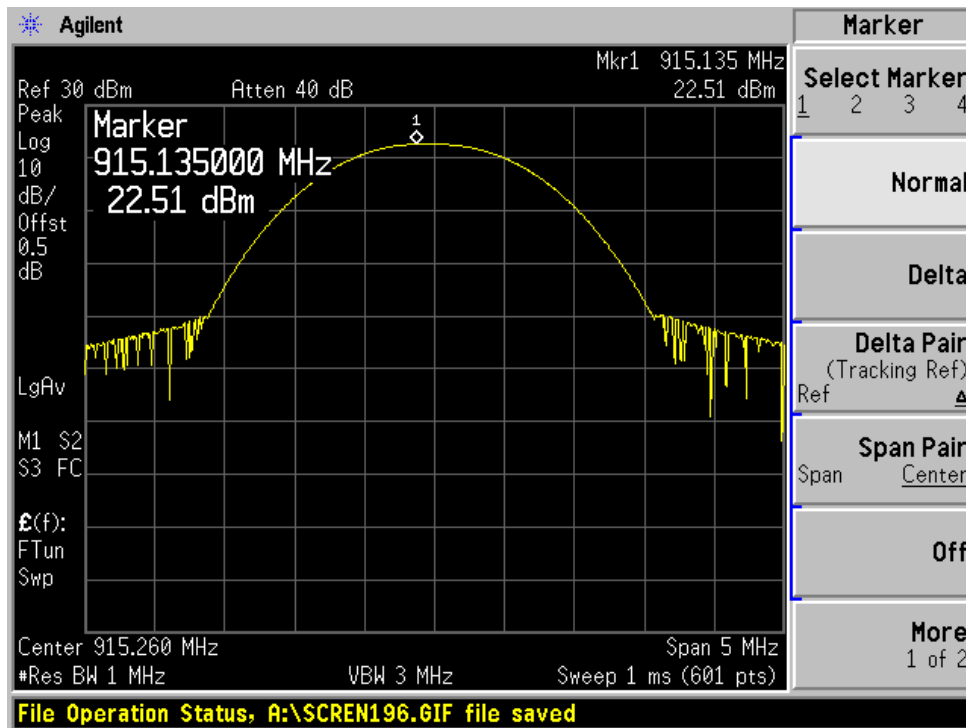
Frequency (MHz)	Output Power in dBm	Output Power in W
900 (800mAH)	22.50	0.1778
900 (1100mAH)	22.51	0.1782
900 (1600mAH)	22.52	0.1786

Please refer to the following plots.

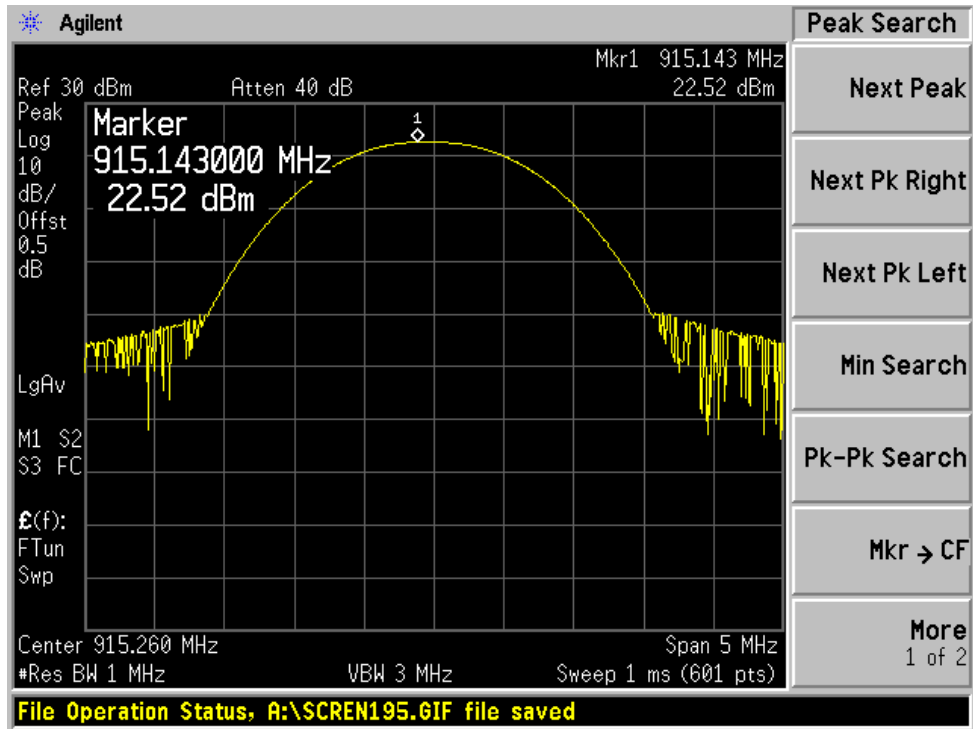
800mAH Battery



1100mAH Battery

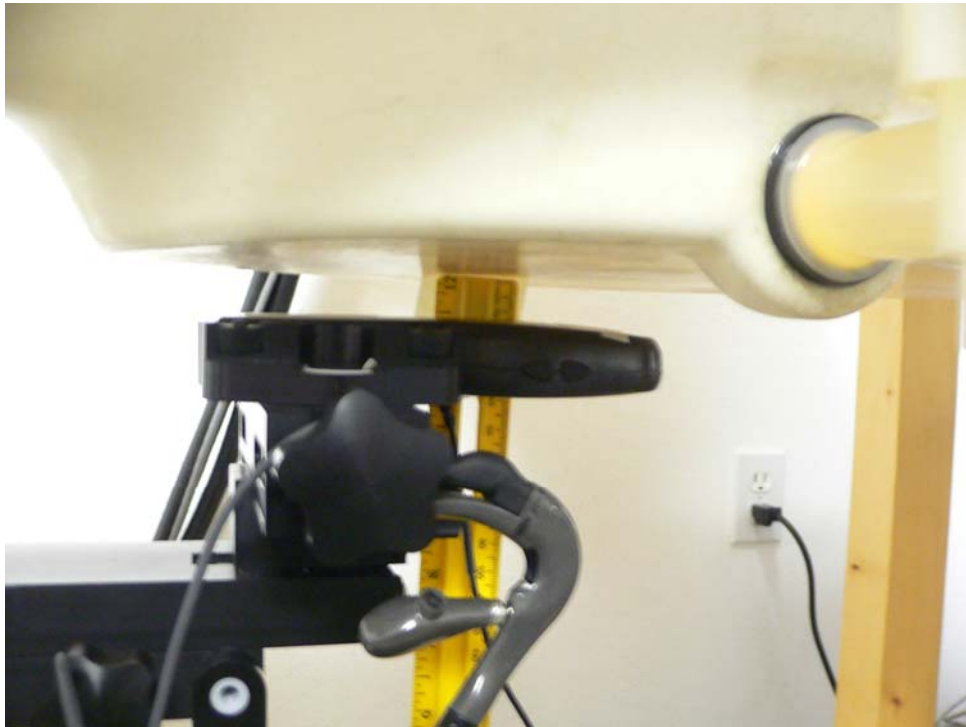


1600mAH Battery



APPENDIX G – EUT TEST POSITION PHOTOS

Body – H81N-A (800mAH)



Body – H251N (800mAH)

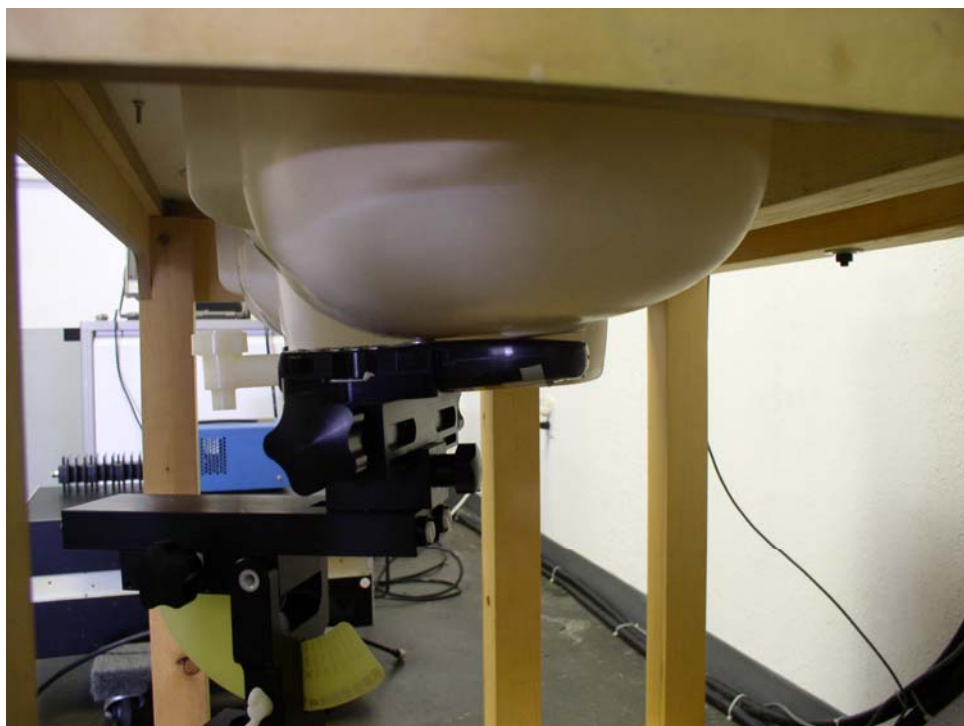


Body – H251N-A (800mAH)**Body – PTH100 (800mAH)**

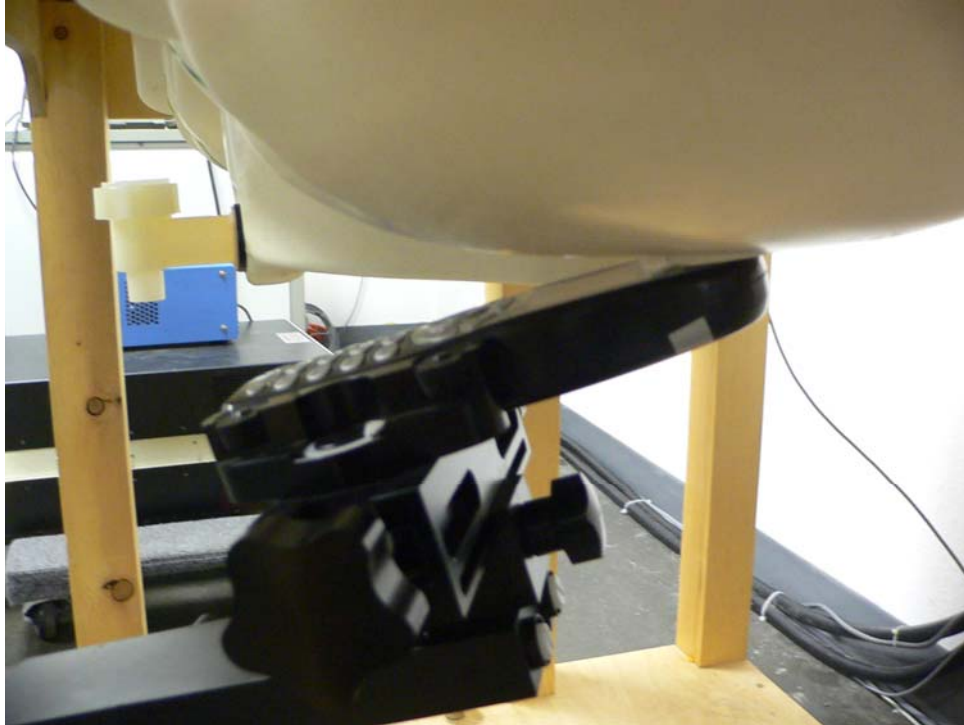
Body – PTH200 (800mAH)



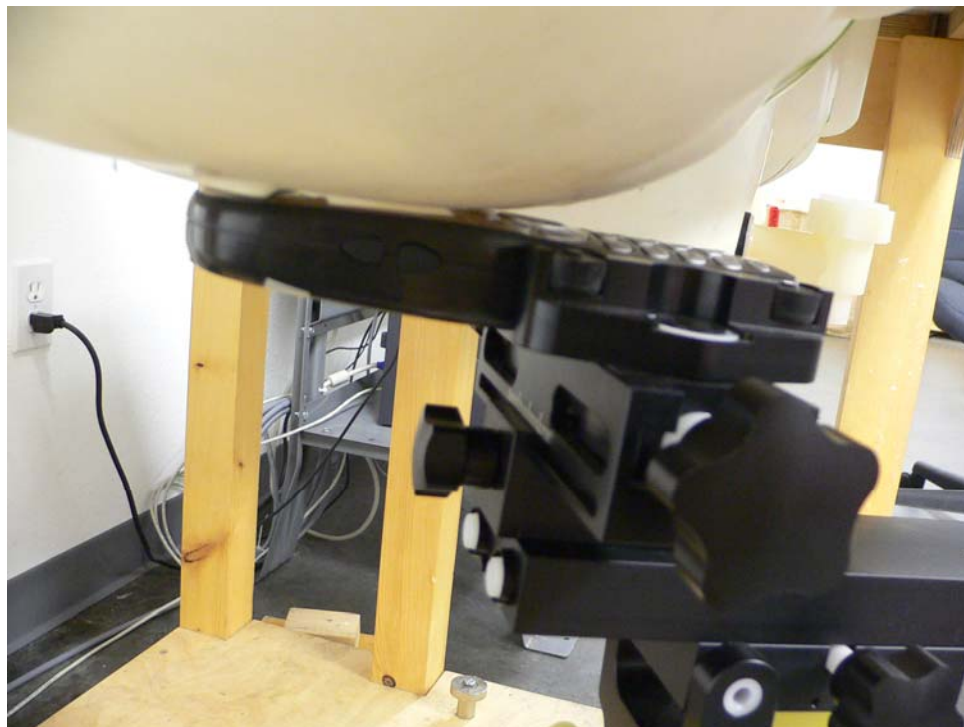
Left Head Touch (800mAH)

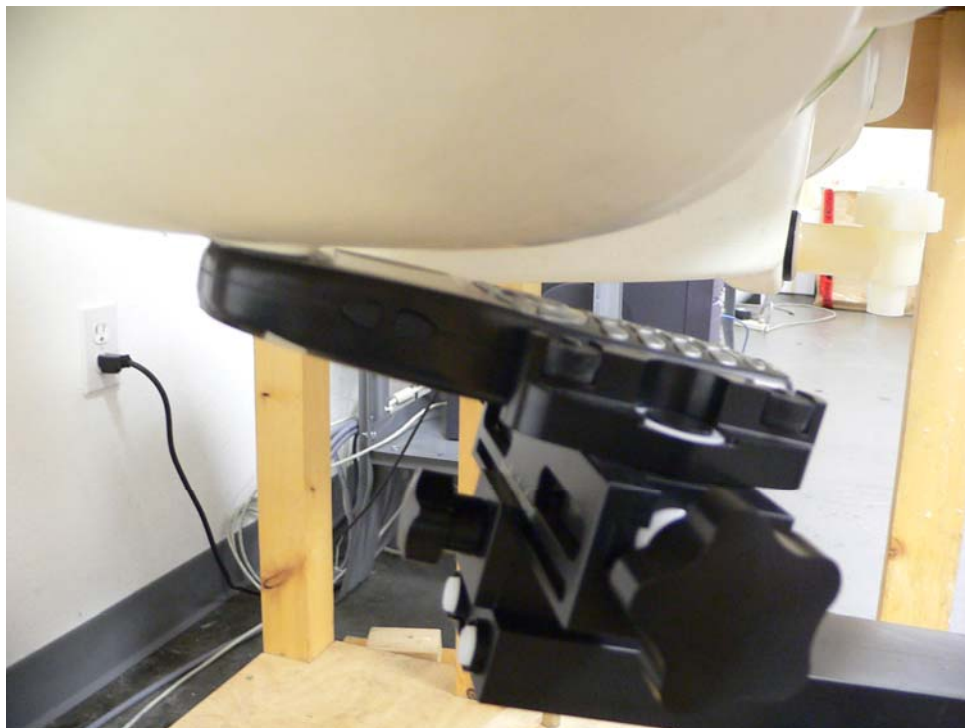


Left Head Tilt (800mAH)



Right Head Touch (800mAH)



Right Head Tilt (800mAH)**Body – H81N-A (1100mAH)**

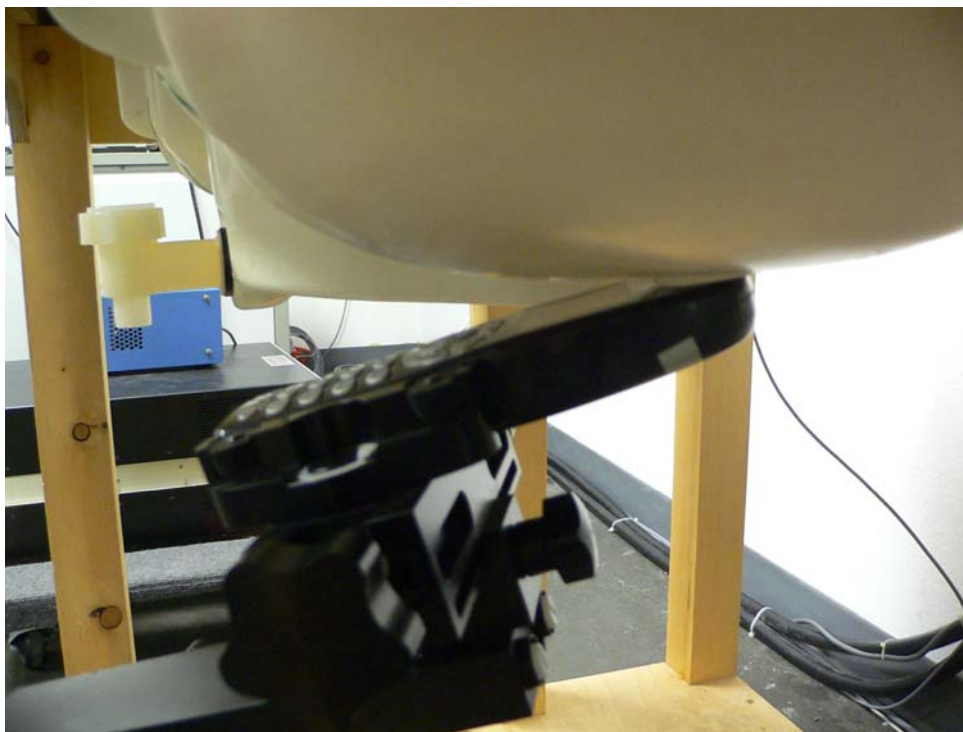
Body – H251N (1100mAH)**Body – H251N-A (1100mAH)**

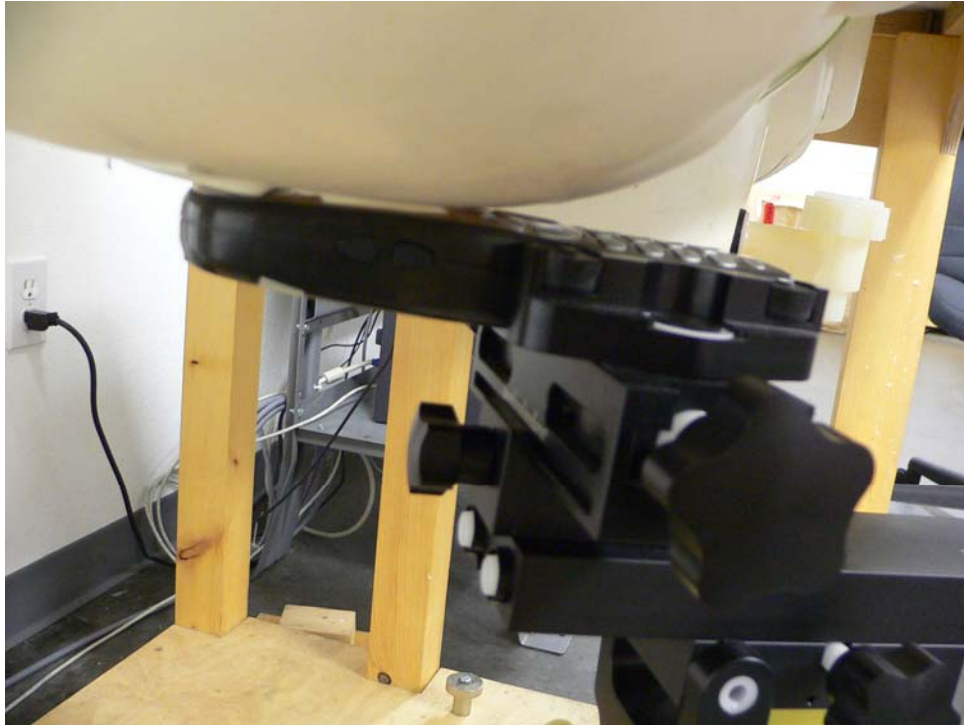
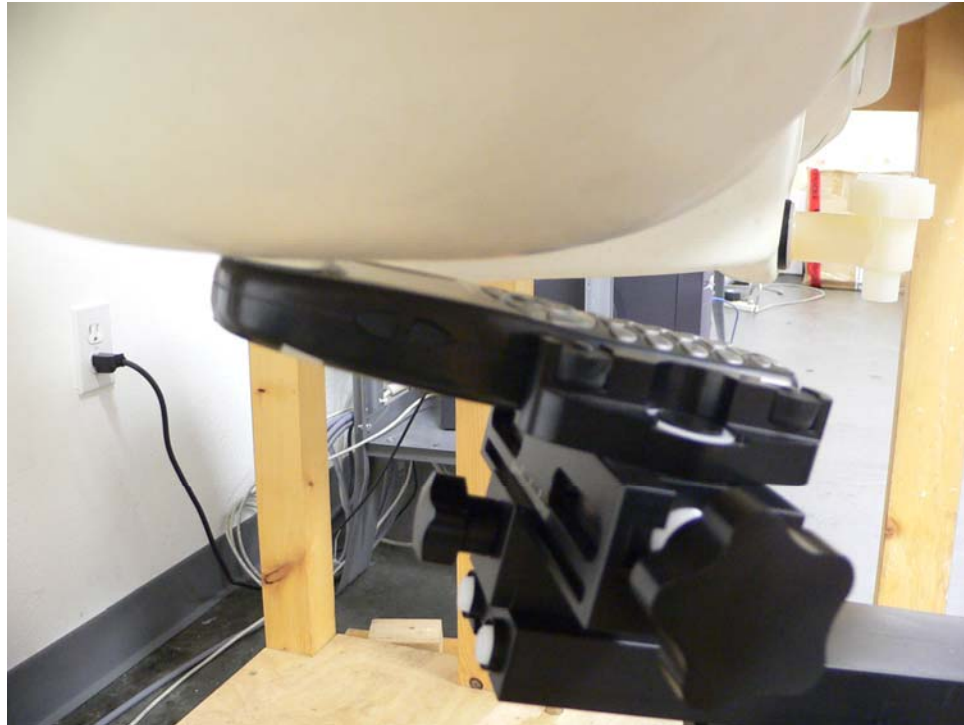
Body – PTH100 (1100mAH)**Body – PTH200 (1100mAH)**

Left Head Touch (1100mAH)



Left Head Tilt (1100mAH)



Right Head Touch (1100mAH)**Right Head Tilt (1100mAH)**

Body – H81N-A (1600mAH)**Body – H251N (1600mAH)**

Body – H251N-A (1600mAH)**Body – PTH100 (1600mAH)**

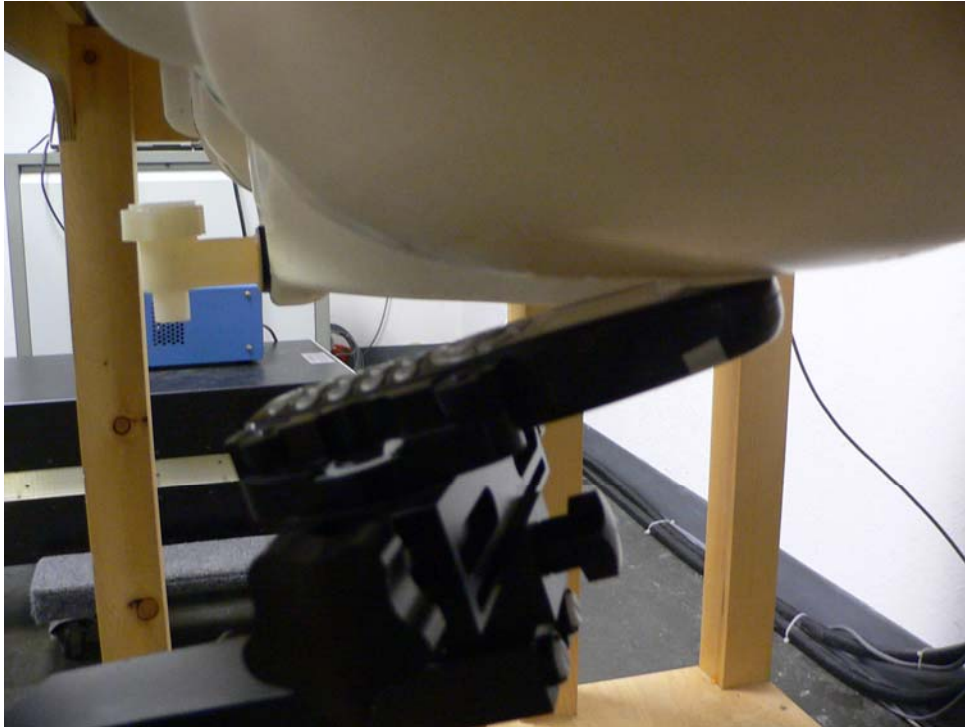
Body – PTH200 (1600mAH)



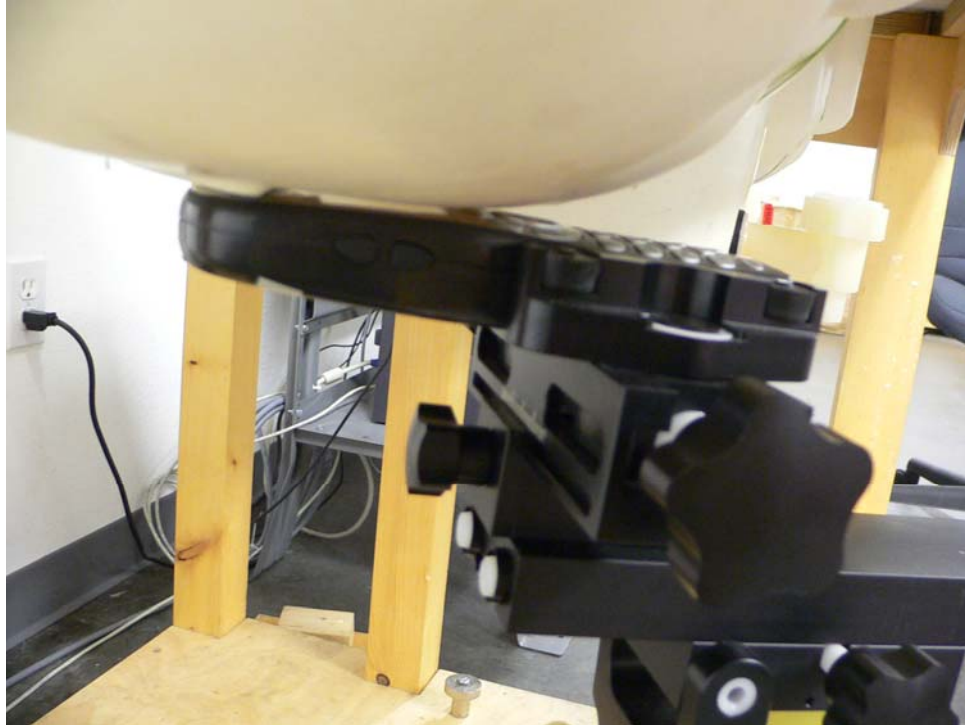
Left Head Touch (1600mAH)



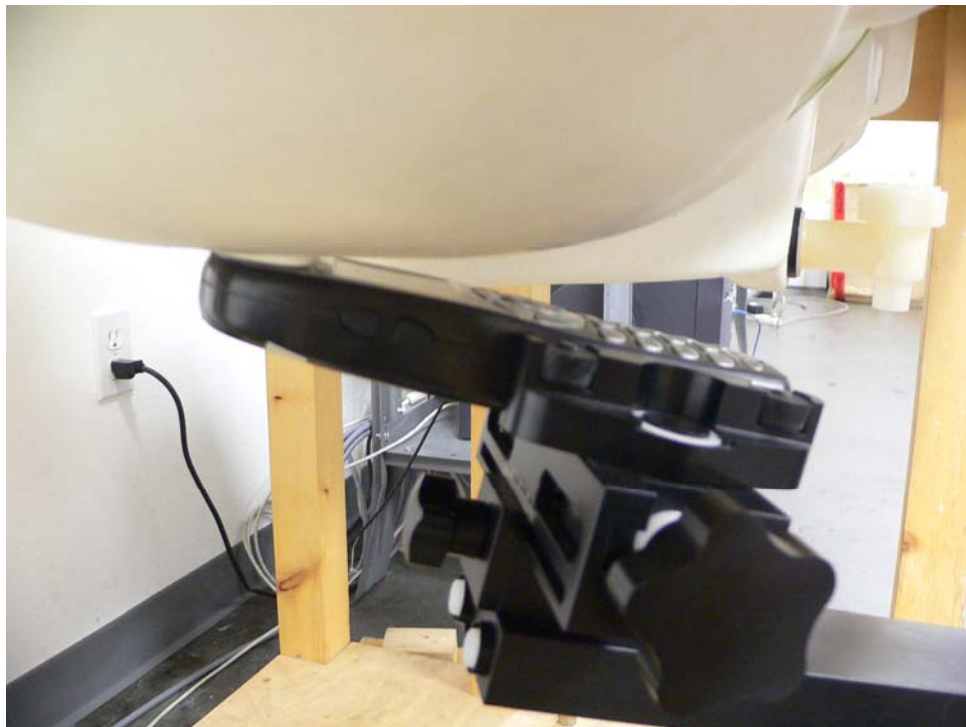
Left Head Tilt (1600mAH)



Right Head Touch (1600mAH)



Right Head Tilt (1600mAH)



APPENDIX H – EUT & ACCESSORIES PHOTOS

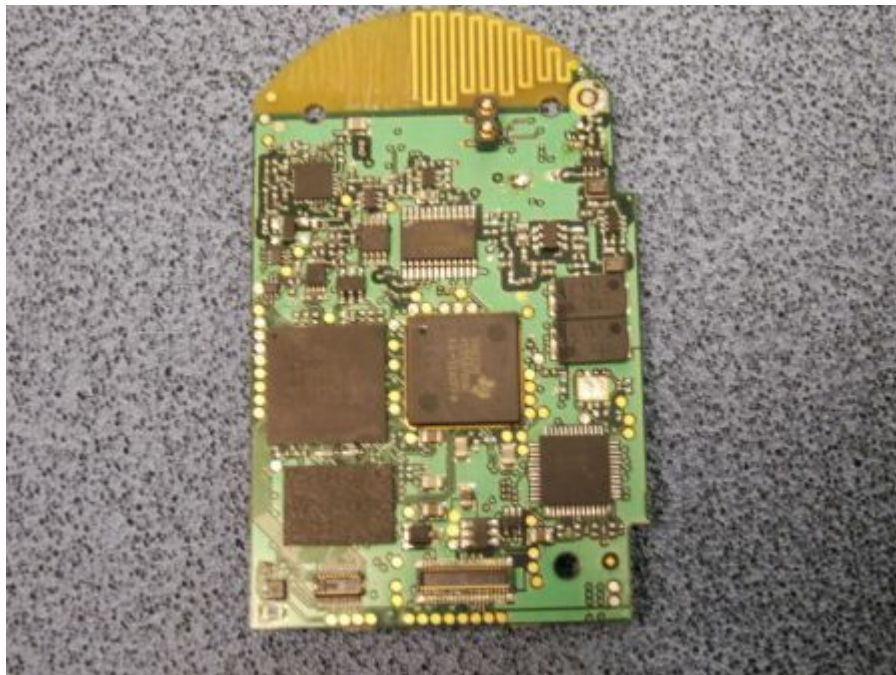
EUT – Front View



EUT – Back View



EUT – Cover Off View**EUT – Board View**

EUT – TX Board Component View**EUT – TX Board Solder View**

EUT – Battery Cover Off View



APPENDIX I - INFORMATIVE REFERENCES

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