

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1600mAH PHT200****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: Spectralink 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.85, 3.85, 3.85); Calibrated: 4/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

1.5cm Body position(PHT200)/Area Scan (71x151x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.337 mW/g

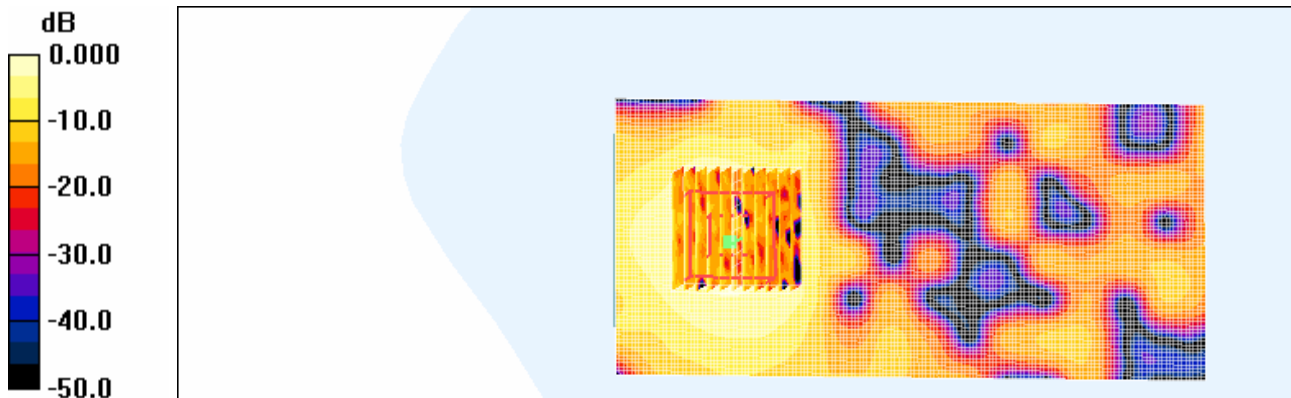
1.5cm Body position(PHT200)/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 0.877 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332mW/g

Plot # 95

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1600mAH PTH300****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: Spectralink 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.85, 3.85, 3.85); Calibrated: 4/20/2006
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

1.5cm Body position(PHT300)/Area Scan (71x151x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.355 mW/g

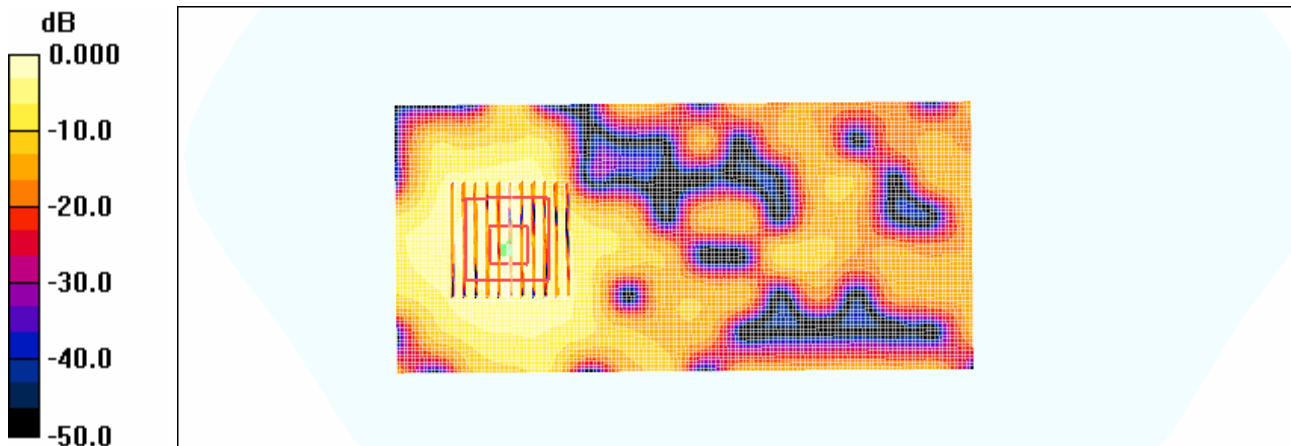
1.5cm Body position(PHT300)/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 1.10 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.364 mW/g



0 dB = 0.364mW/g

Plot # 96

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Tilt 850mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.798 mW/g

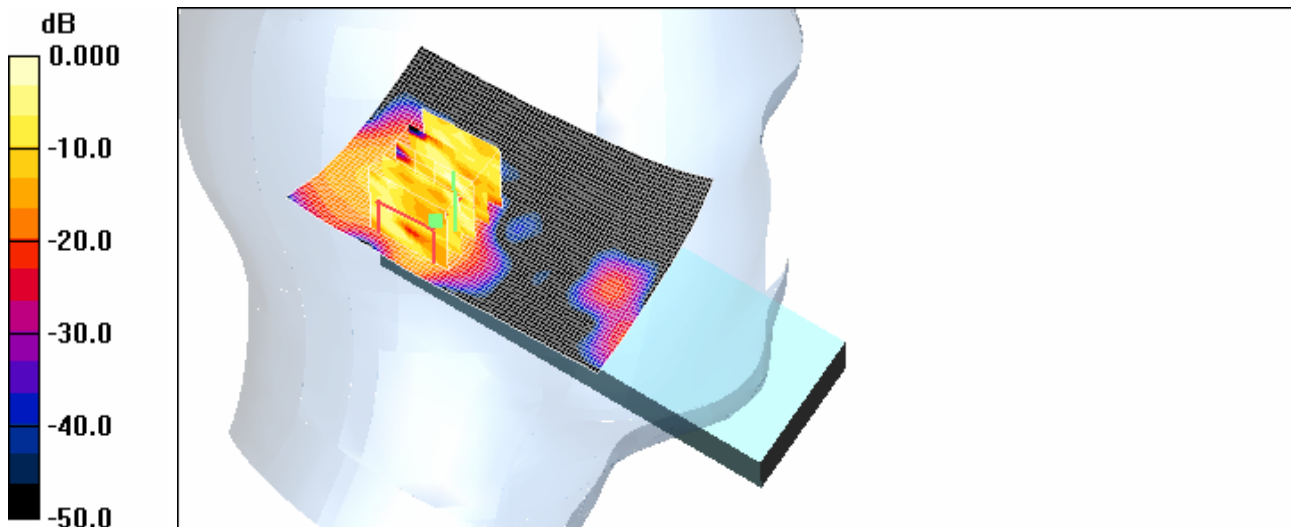
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.74 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.776 mW/g

Plot # 97

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Touch 850mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.681 mW/g

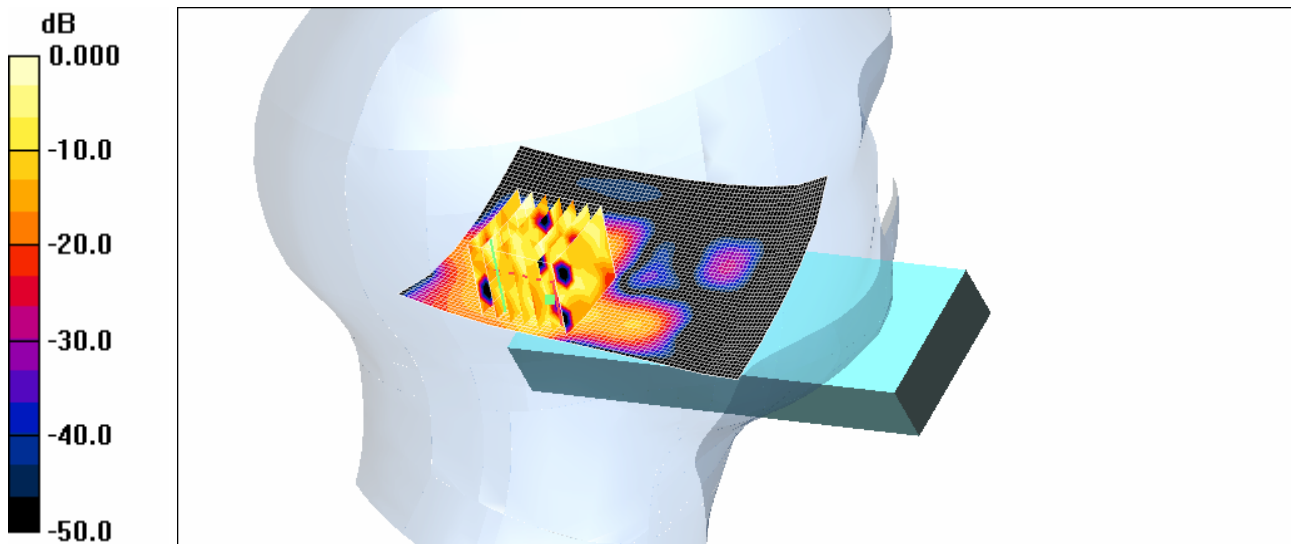
Touch position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.05 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.678 mW/g

Plot # 98

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head Tilt 850mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.612 mW/g

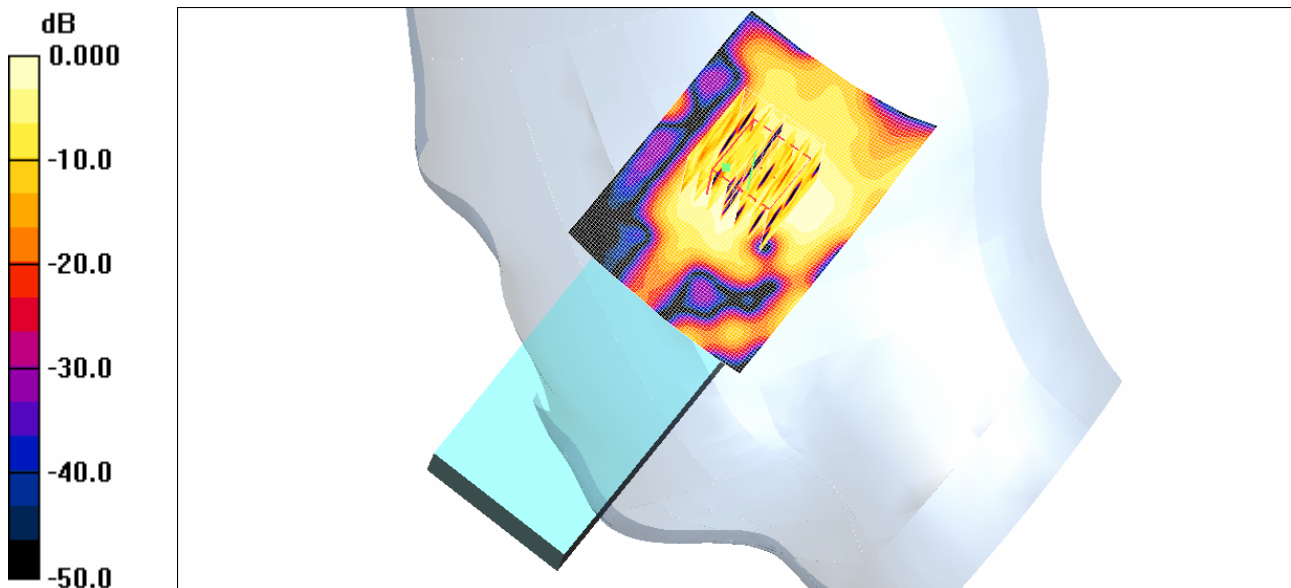
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 3.0 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



0 dB = 0.615mW/g

Plot # 99

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head Touch 850mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Touch position -/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.675 mW/g

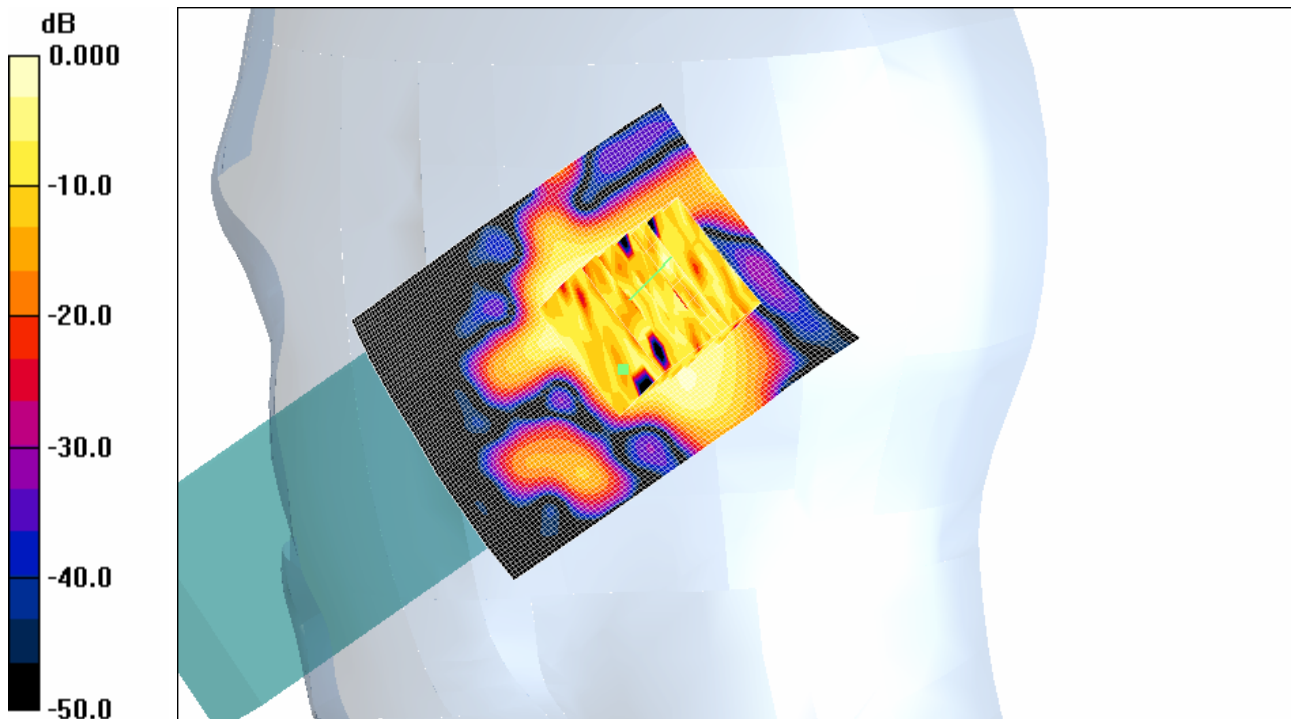
Touch position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.56 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.689mW/g

Plot # 100

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Tilt 1100mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.781 mW/g

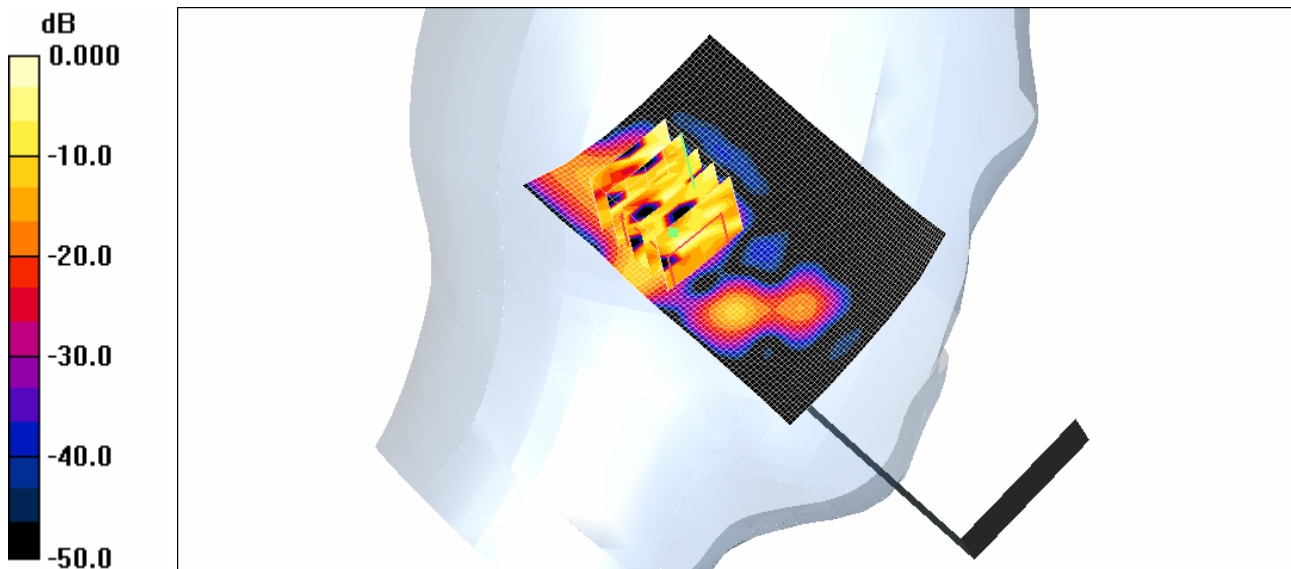
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.63 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.784 mW/g

Plot # 101

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Touch 1100mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.761 mW/g

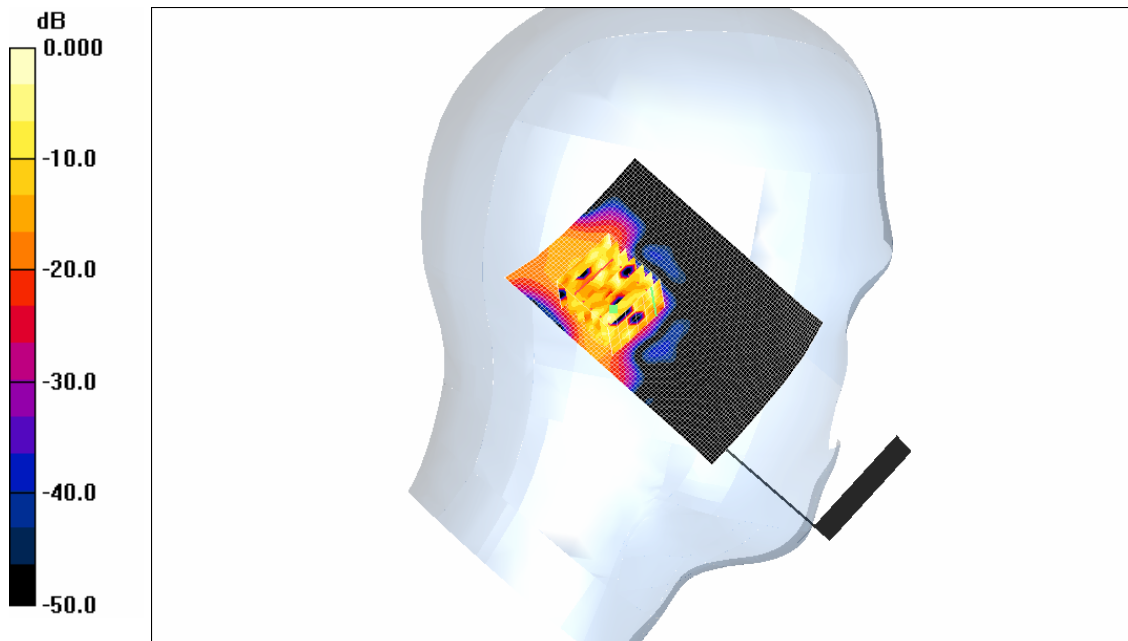
Touch position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.76 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.759 mW/g

**Plot # 102**

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head Tilt 1100mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position - 2/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.688 mW/g

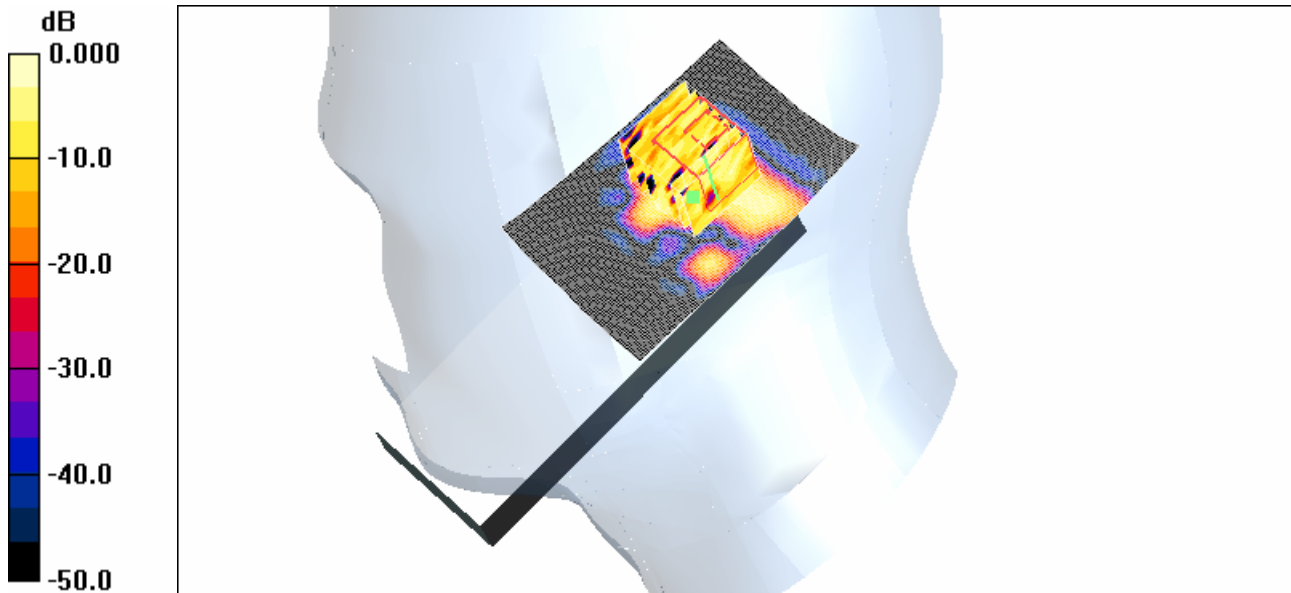
Tilt position - 2/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.84 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.663 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.683 mW/g



0 dB = 0.683 mW/g

Plot # 103

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)

Right Head Touch 1100mAH

DUT: 702X; Type: Sample; Serial: 02-2

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.782 mW/g

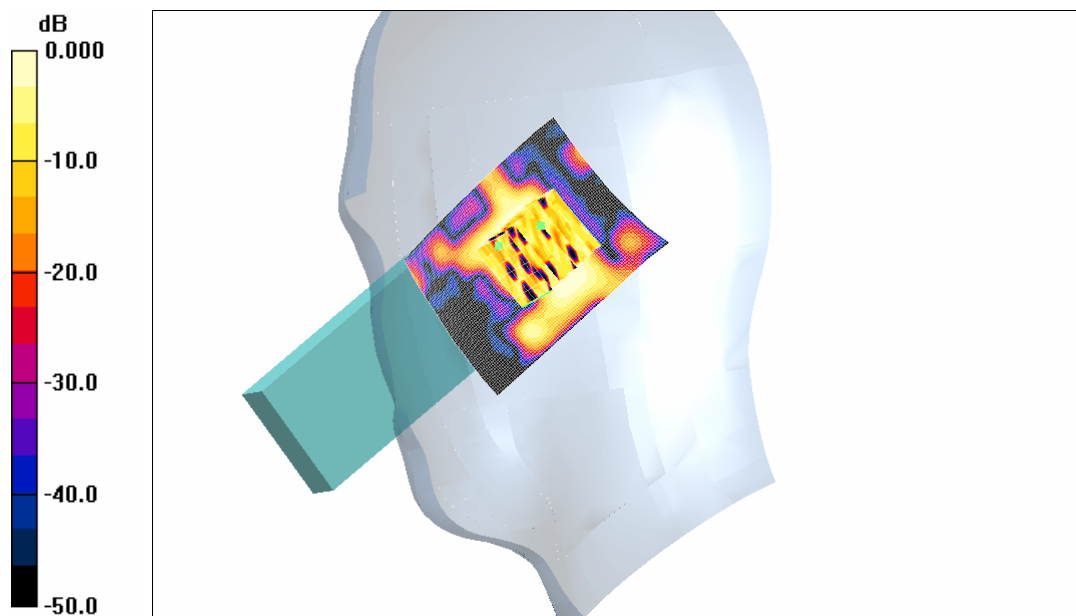
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.9 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.796 mW/g



0 dB = 0.796 mW/g

Plot # 104

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Tilt 1600mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.702 mW/g

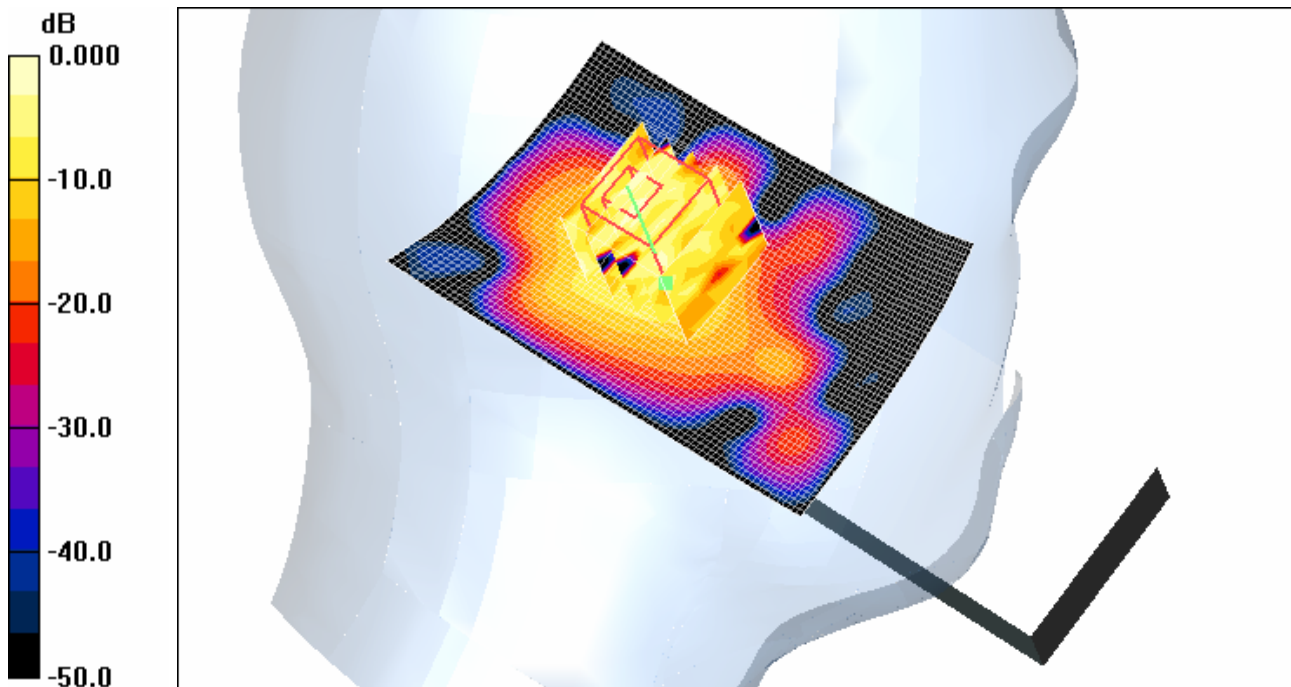
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.90 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699 mW/g

Plot # 105

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head Touch 1600mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.642 mW/g

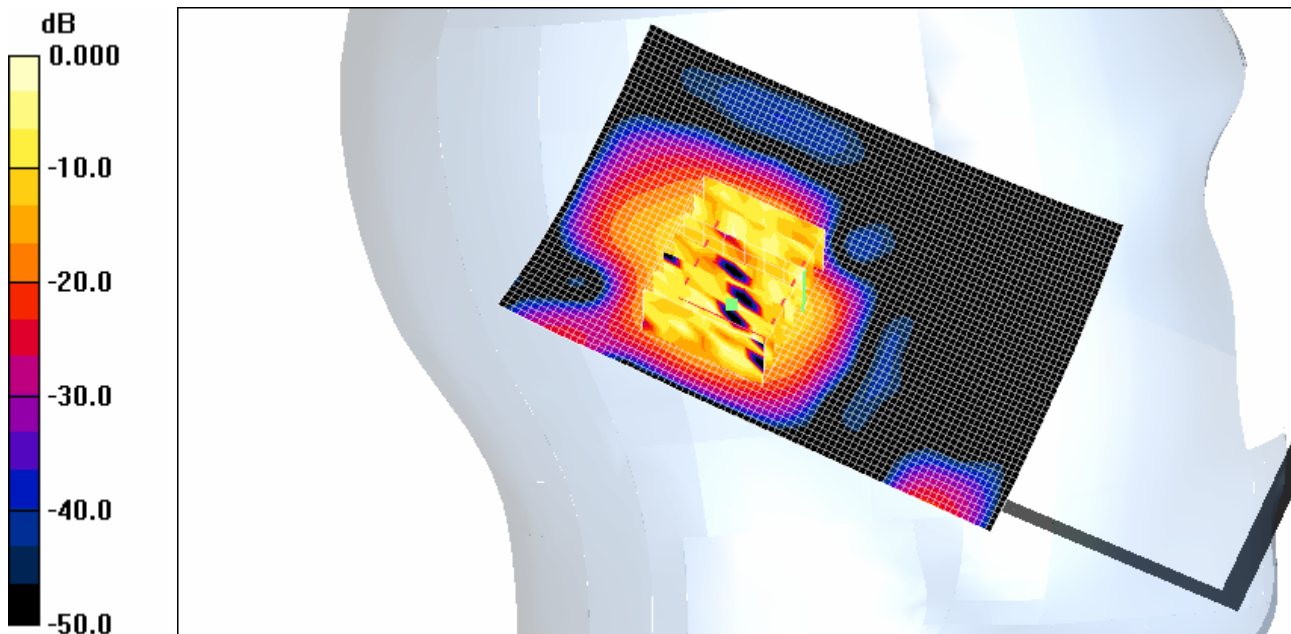
Touch position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.59 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.649 mW/g



0 dB = 0.649 mW/g

Plot # 106

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head Tilt 1600mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Tilt position -/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.654 mW/g

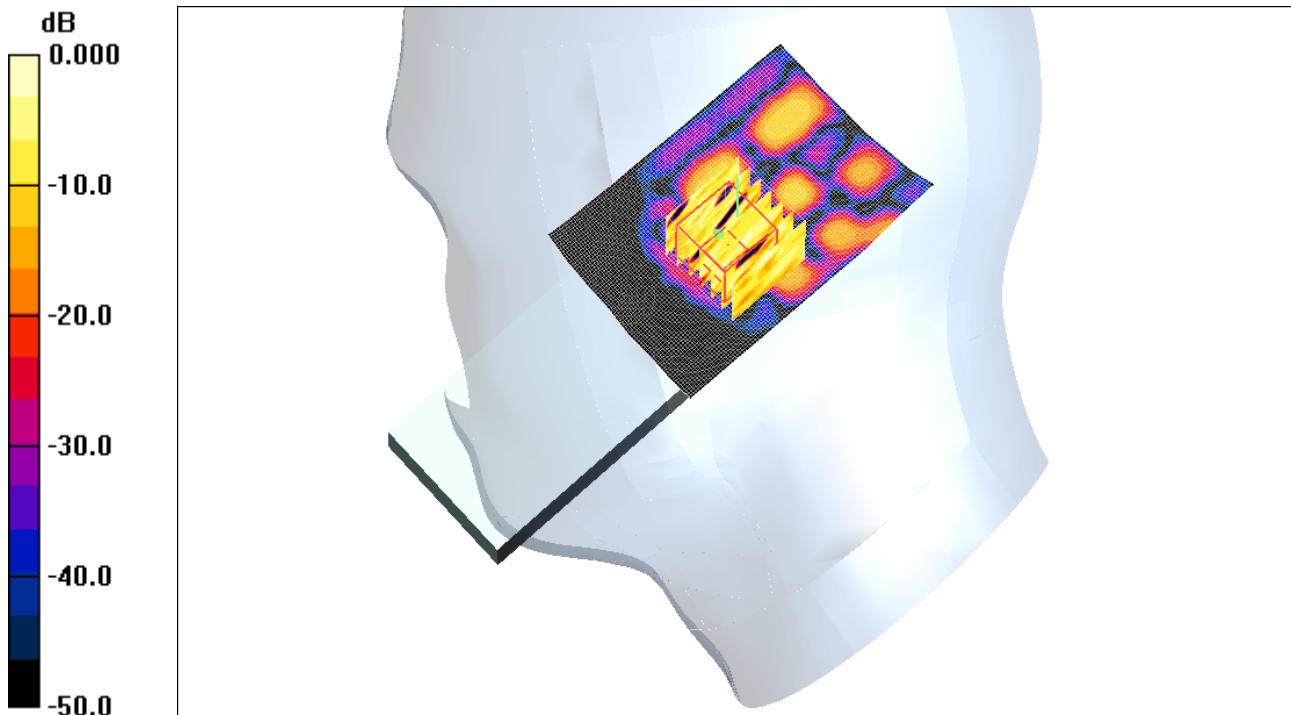
Tilt position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.31 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.013 mW/g

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



0 dB = 0.635mW/g

Plot # 107

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head Touch 1600mAH****DUT: 702X; Type: Sample; Serial: 02-2**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5805$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 4/20/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Touch position -/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.685 mW/g

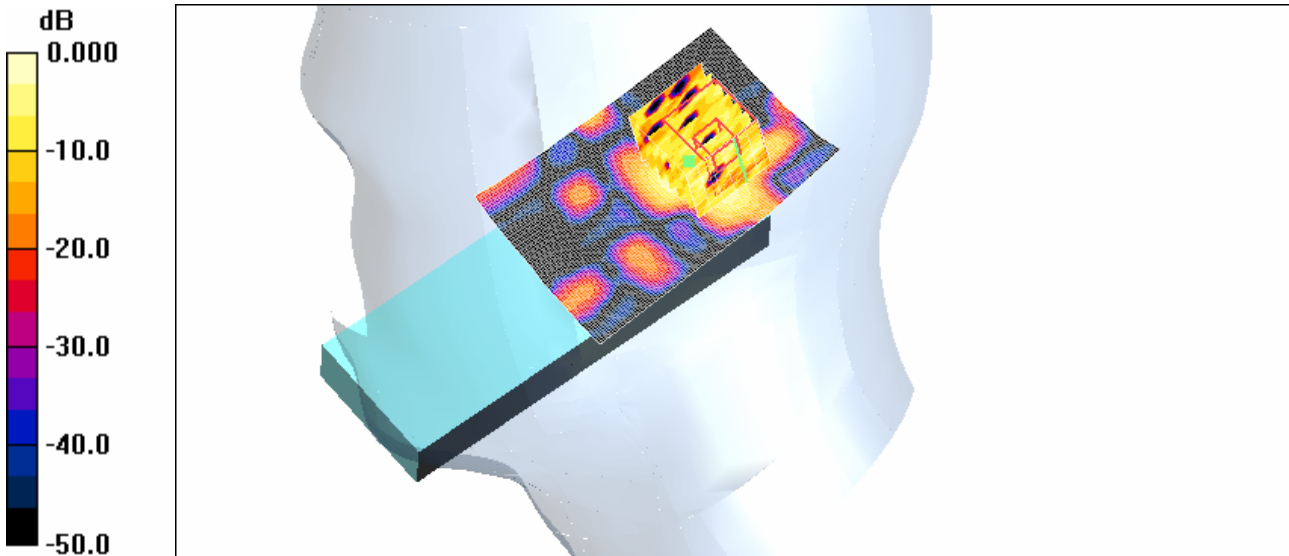
Touch position -/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 2.47 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.693 mW/g



0 dB = 0.693 mW/g

Plot # 108

APPENDIX F – CONDUCTED OUTPUT POWER MEASUREMENT

Provision Applicable

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

Test Procedure

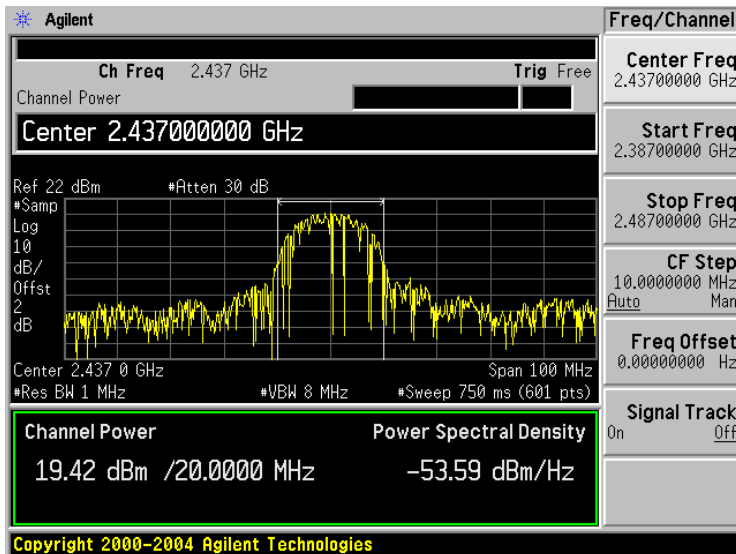
The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

Test equipment

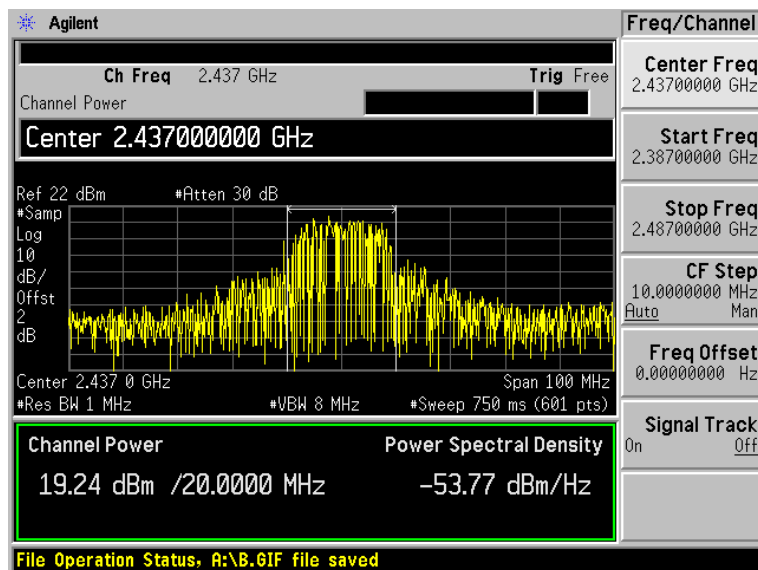
Agilent E4446A Spectrum Analyzer, Calibration Due Date: 2006-03-06

Test Results

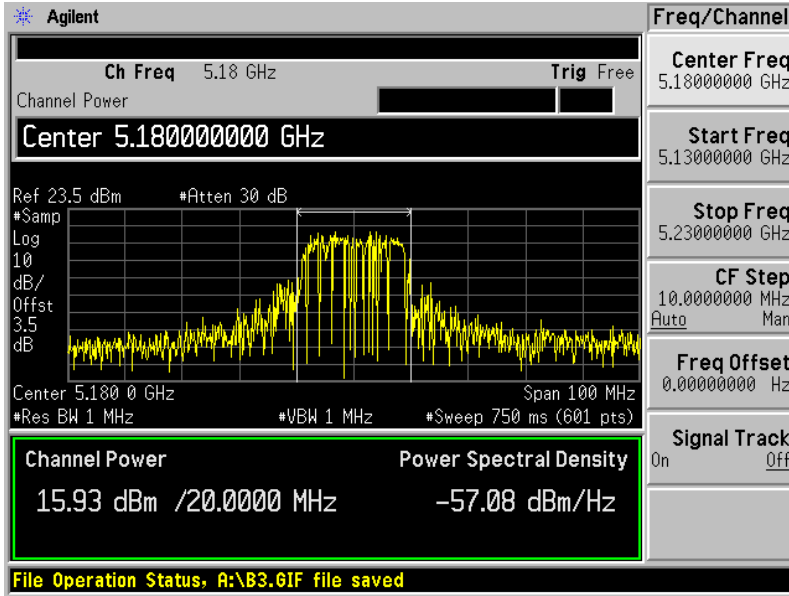
802.11b Mid Channel



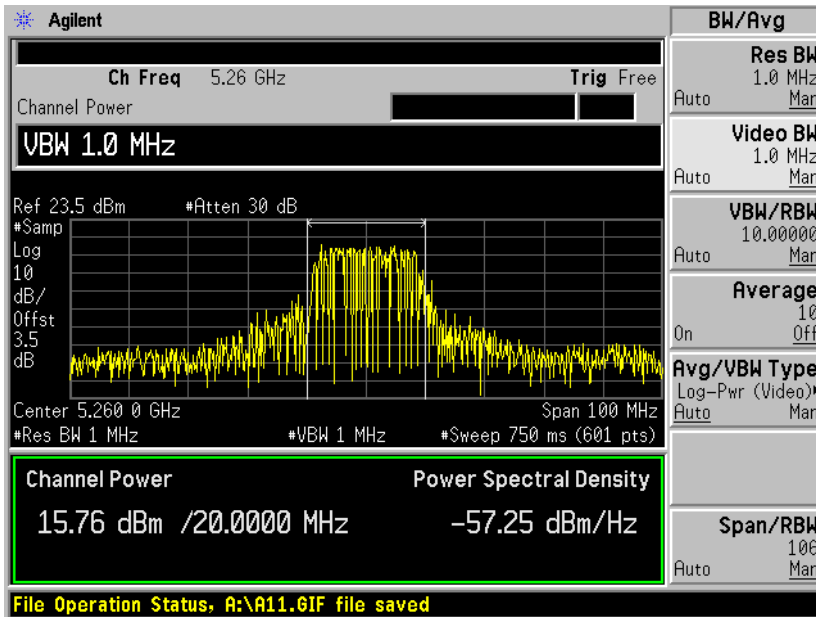
802.11g Mid Channel



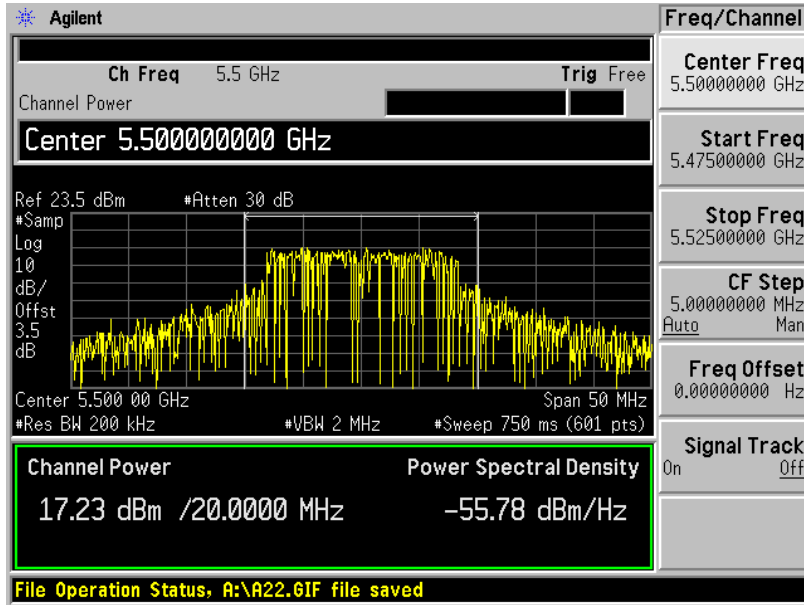
802.11a 5180MHz



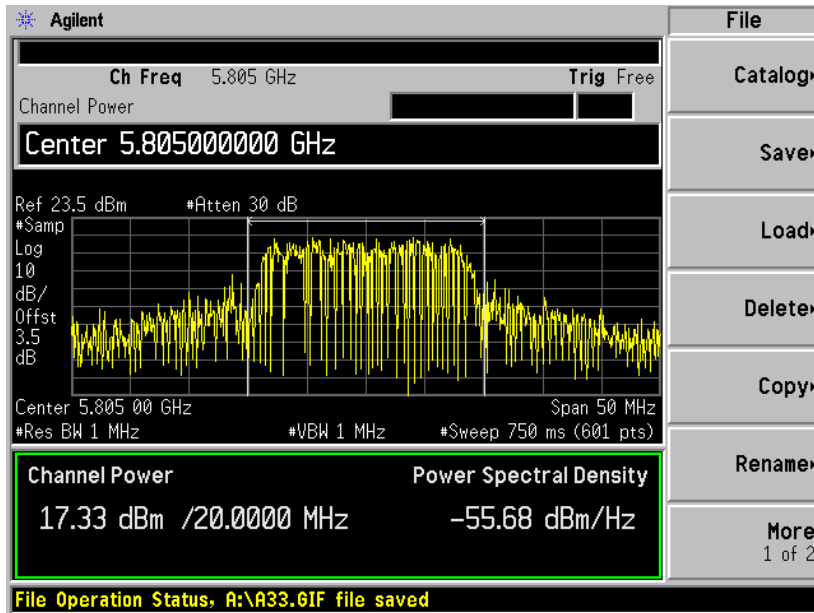
802.11a 5260MHz



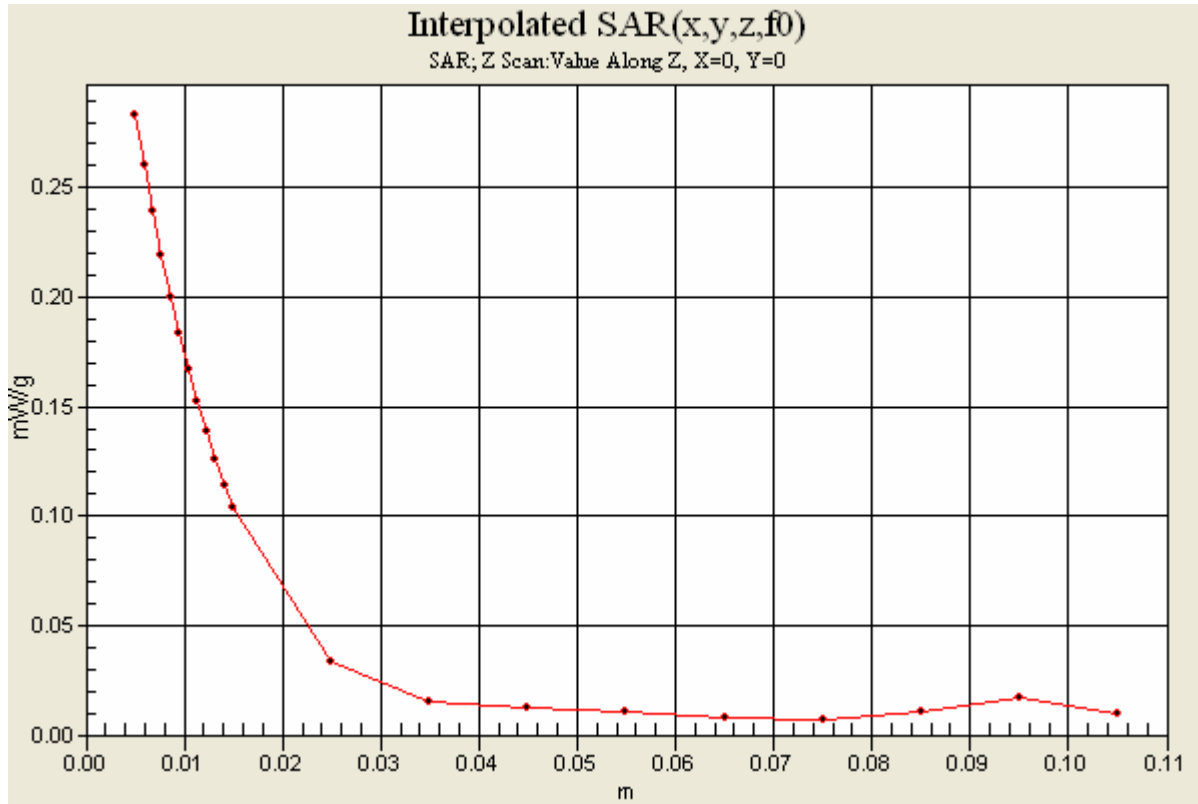
802.11a 5500MHz



802.11a 5805MHz

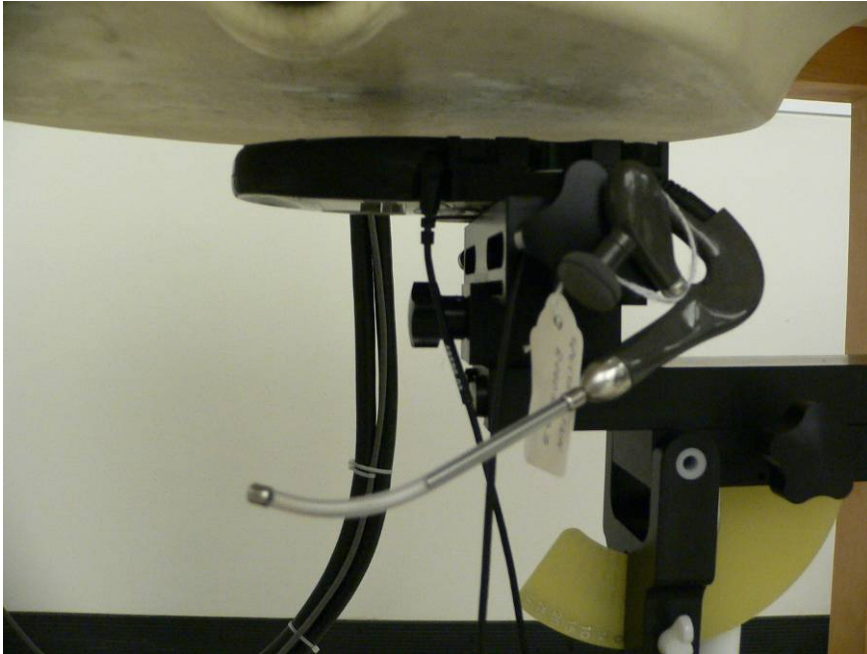


APPENDIX G – Z-AXIS PLOT

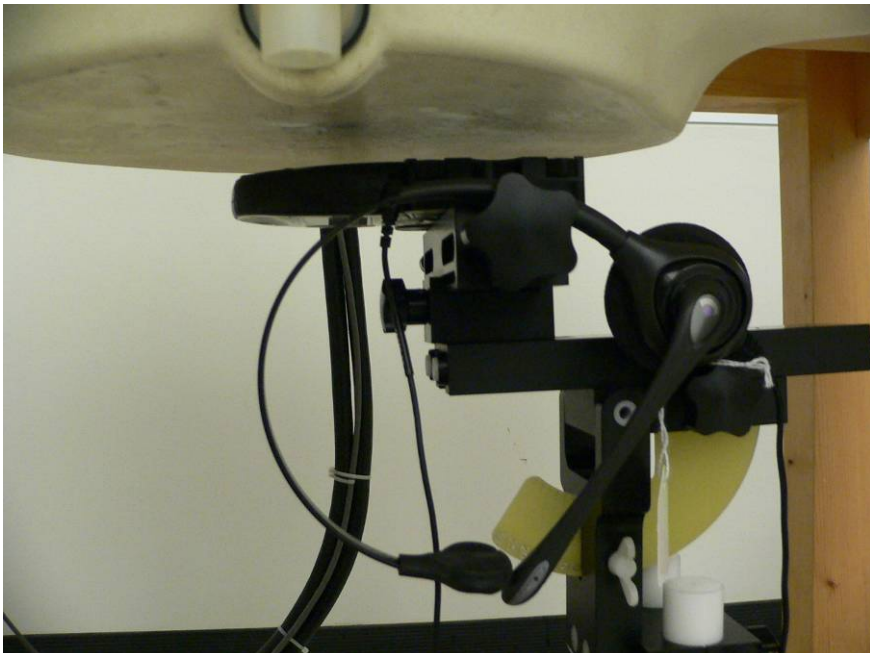


APPENDIX H – EUT TEST POSITION PHOTOS

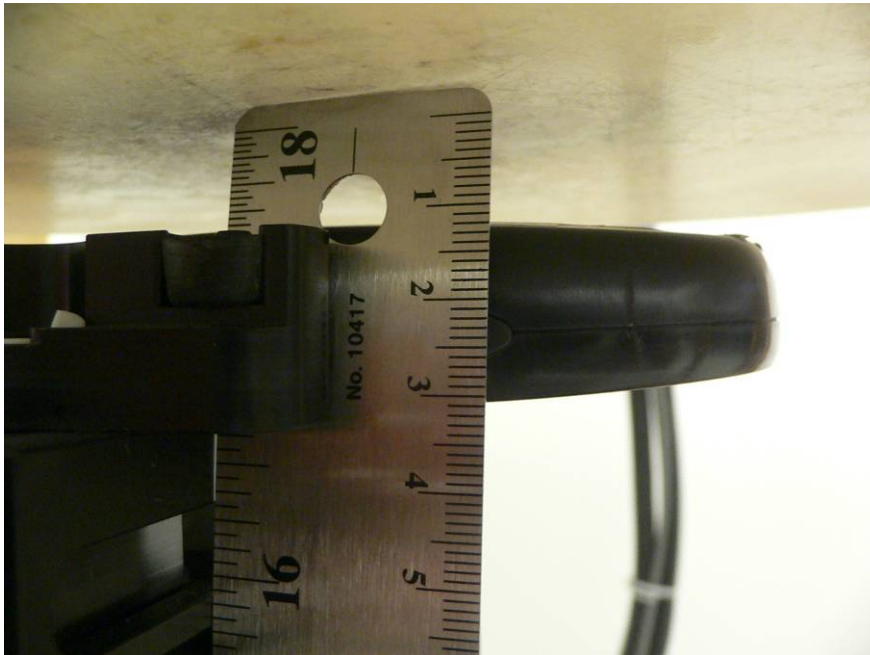
Model 702X 1.5 cm separation from flat phantom with accessories PHT200



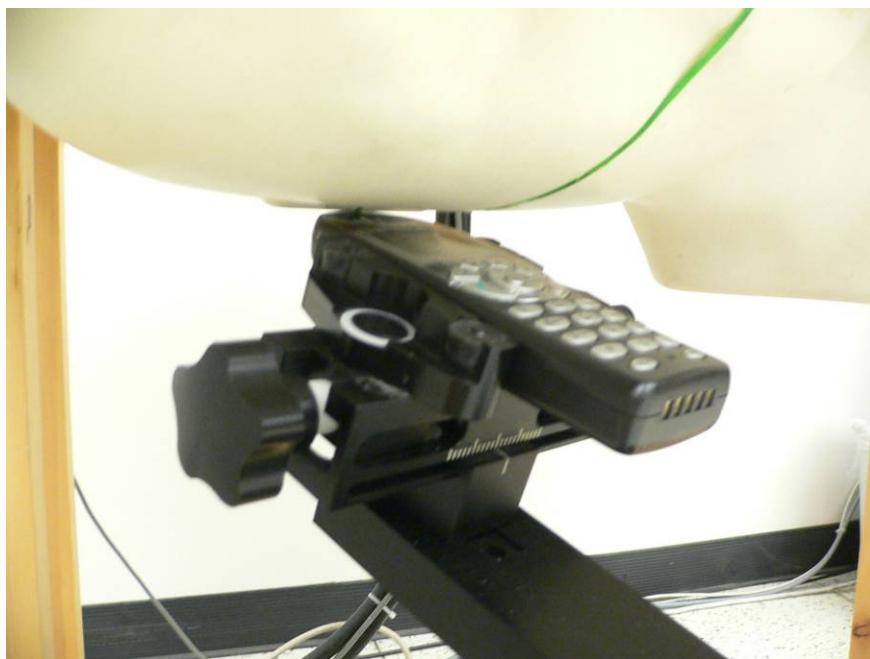
Model 702X 1.5 cm separation from flat phantom with accessories PHT300



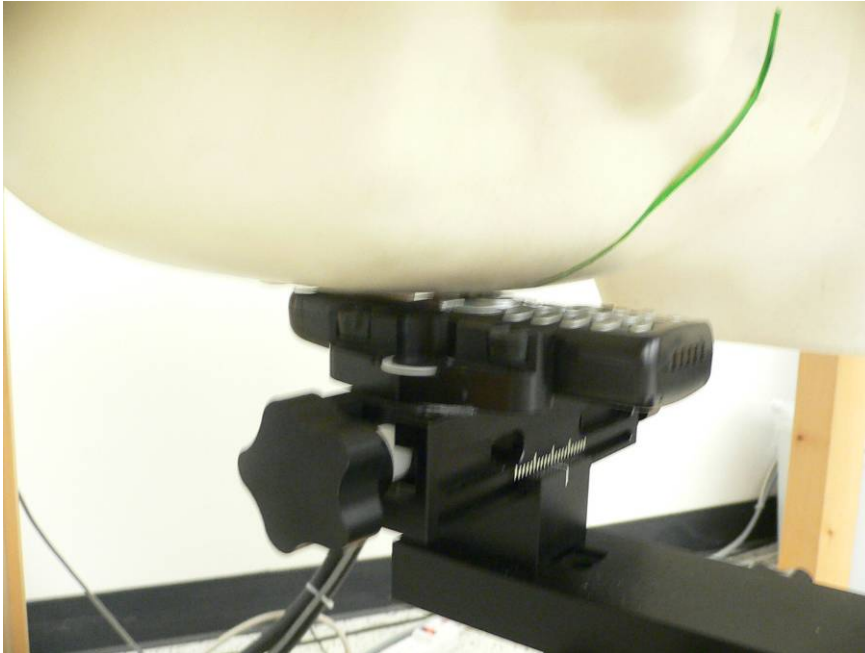
Model 702X 1.5 cm separation from flat phantom



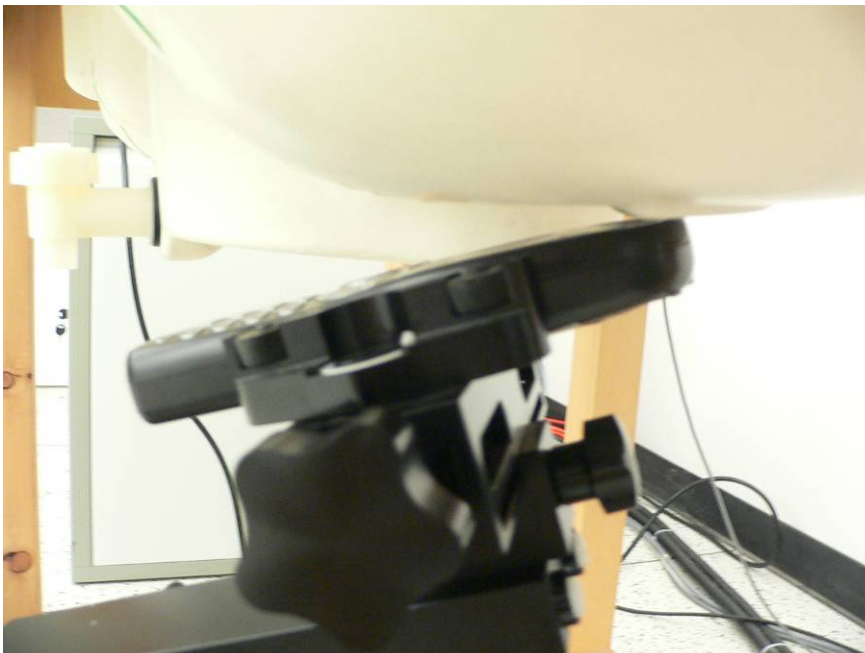
Model 702X Left Head Tilt Position



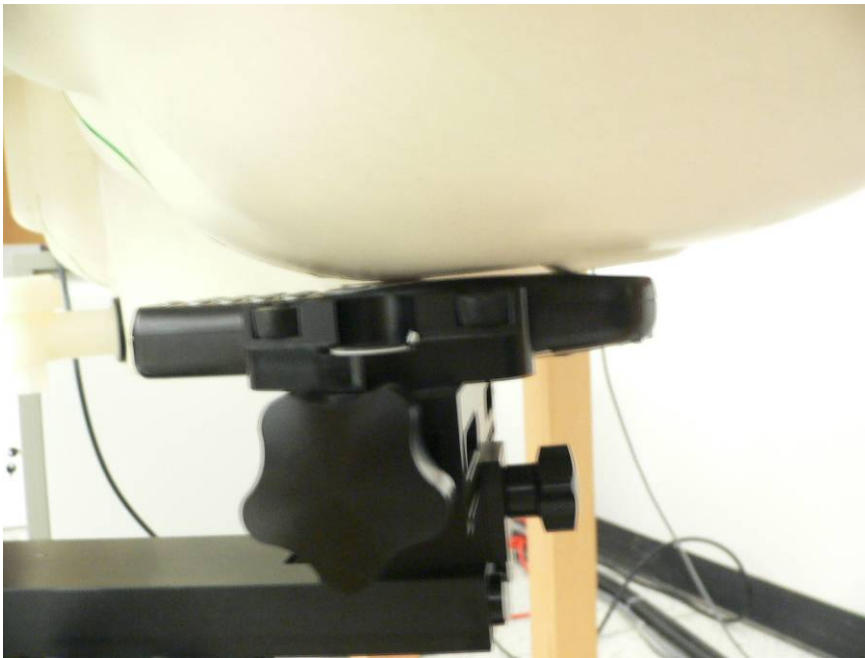
Model 702X Left Head Touch Position



Model 702X Right Head Tilt Position



Model 702X Right Head Touch Position



APPENDIX I – EUT & ACCESSORIES PHOTOS

EUT – Front View



EUT – Rear View



Headset PHT200



Headset PHT300



APPENDIX J - INFORMATIVE REFERENCES

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