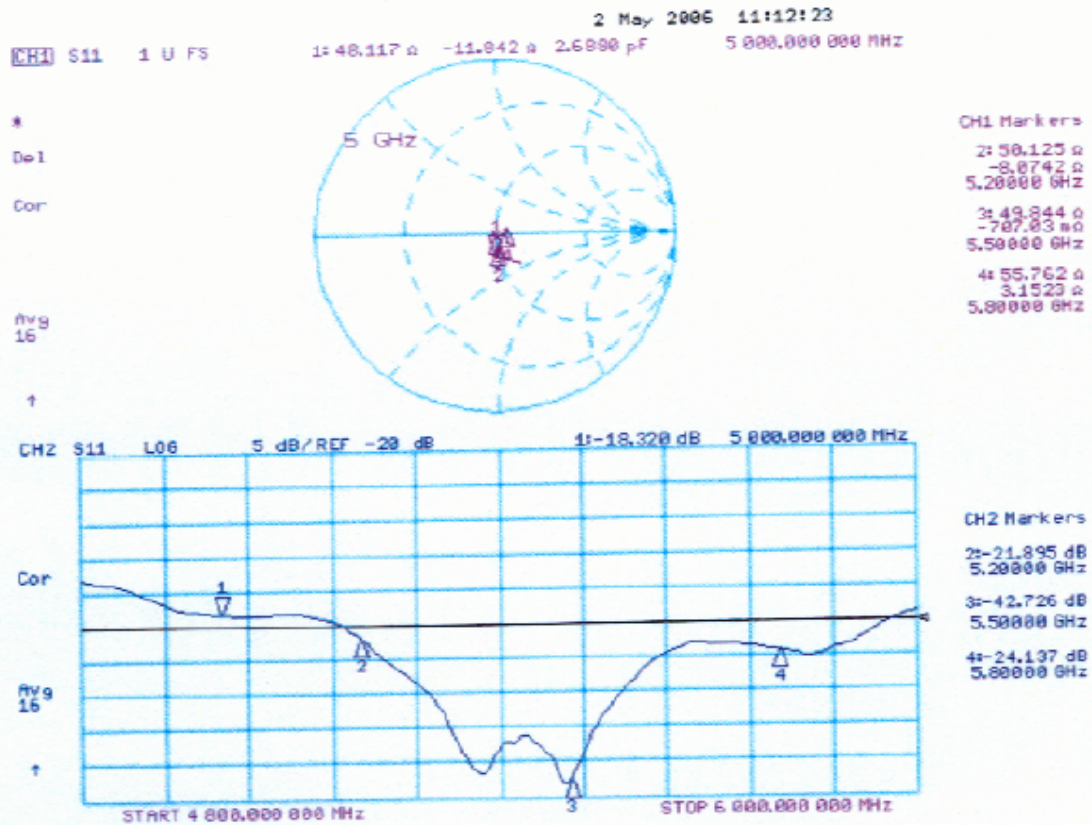


Impedance Measurement Plot for Body TSL



APPENDIX D - TEST SYSTEM VERIFICATIONS SCANS

Liquid Measurement Result

2006-04-04 & 2006-04-05

Stimulant	Freq [MHz]	Parameters	Liquid Temp [°C]	Target Value	Measured Value	Deviation [%]	Limits [%]
Body	2450	ϵ_r	22	52.7	53	0.57	± 5
		σ	22	1.95	2.01	3.08	± 5
		1g SAR	22	56.84	55.1	-3.06	± 10
Head	2450	ϵ_r	21	39.2	39.1	-0.26	± 5
		σ	21	1.80	1.83	1.67	± 5
		1g SAR	21	52.4	49	-6.49	± 10

ϵ_r = relative permittivity, σ = conductivity and $\rho=1000\text{kg/m}^3$

2006-04-05

Stimulant	Freq [MHz]	Parameters	Liquid Temp [°C]	Target Value	Measured Value	Deviation	Limits [%]
Body	5800	ϵ_r	22.0	48.2	48.2	0.00	± 5
		σ	22.0	6.00	6.05	0.83	± 5
		1g SAR	22.0	74.1	75.5	1.89	± 10
Head	5800	ϵ_r	22.0	35.3	36.27	2.75	± 5
		σ	22.0	5.27	5.26	-0.19	± 5
		1g SAR	22.0	78.0	76.9	-1.41	± 10

ϵ_r = relative permittivity, σ = conductivity and $\rho=1000\text{kg/m}^3$

Test Laboratory: Bay Area Compliance Lab Corp.(BACL) System Validation for Body**DUT: Dipole 2450 MHz; Type: D2450; Serial: D2450 - SN:123**

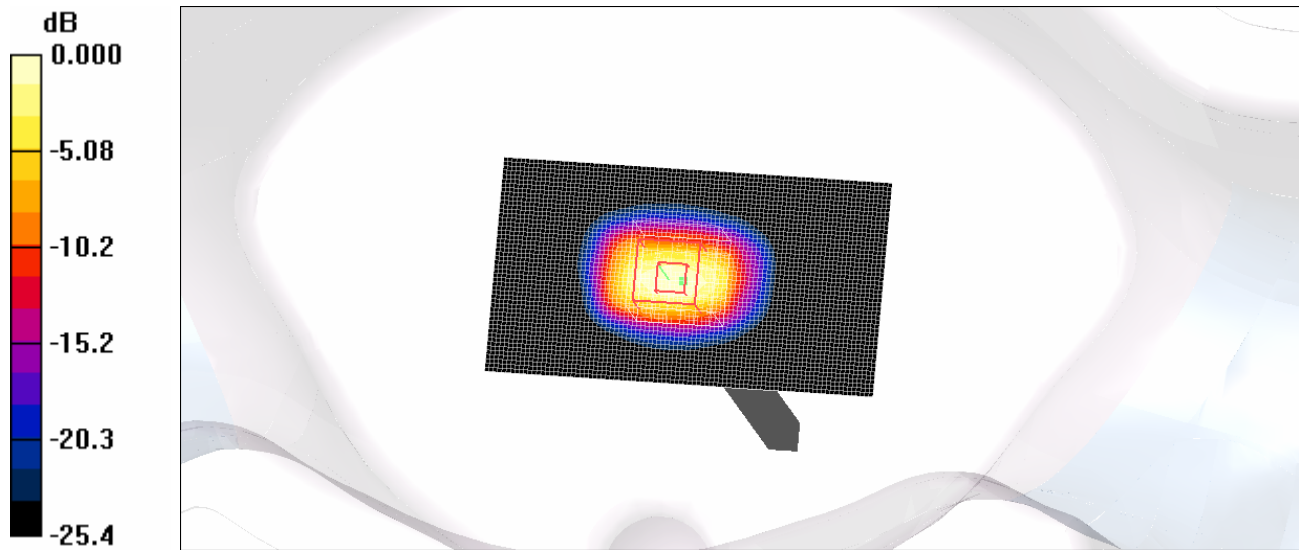
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

d=10mm, Pin=1W/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 86.4 mW/g

d=10mm, Pin=1W/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 185.1 V/m; Power Drift = -0.109 dB
 Peak SAR (extrapolated) = 144.8 W/kg
SAR(1 g) = 55.1 mW/g; SAR(10 g) = 22.2 mW/g
 Maximum value of SAR (measured) = 63.0 mW/g



0 dB = 63.0mW/g

Test Laboratory: Bay Area Compliance Lab Corp.(BACL) System Validation for Head

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:123

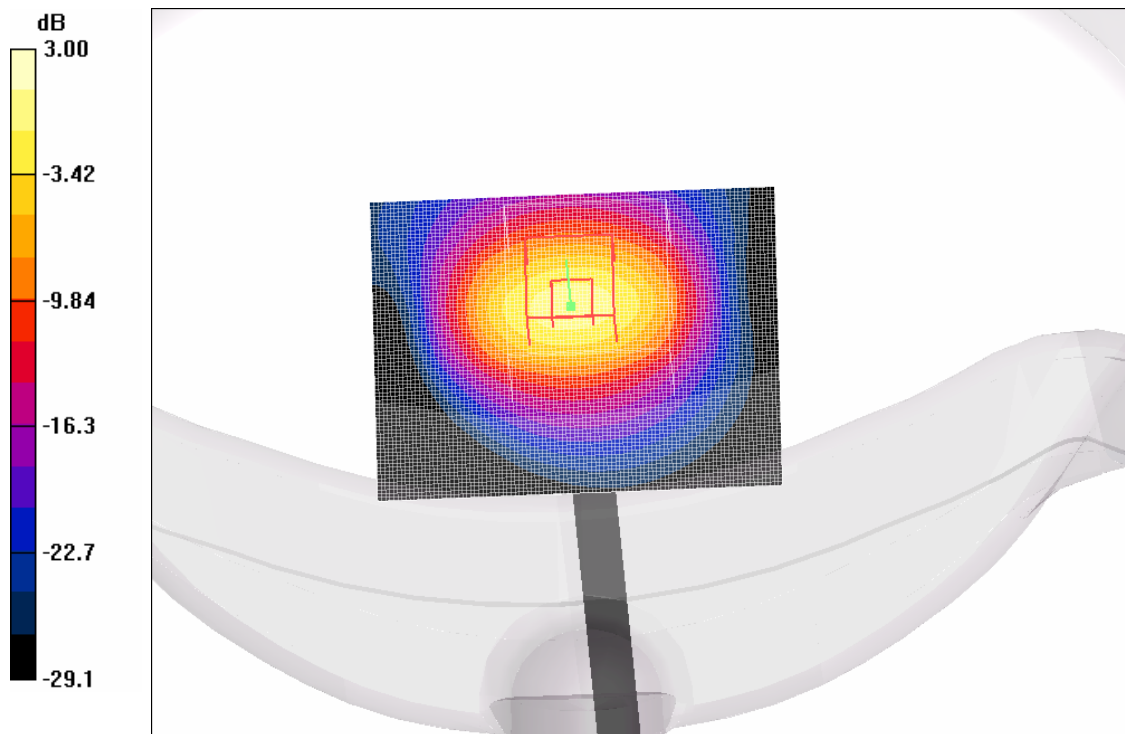
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.83$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 10/18/2005
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

d=10mm, Pin=1W /Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 55.7 mW/g

d=10mm, Pin=1W /Zoom Scan (7x7x7Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 185.2 V/m; Power Drift = 0.000 dB
 Peak SAR (extrapolated) = 105.8 W/kg
SAR(1 g) = 49 mW/g; SAR(10 g) = 22.5 mW/g
 Maximum value of SAR (measured) = 55.4 mW/g



0 dB = 55.4mW/g

Body System Validation

DUT: Dipole 5800MHZ; Type: EX3DV4; SN: 3576

Communication System: CW; Frequency: 5800MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(3.85, 3.85, 3.85); Calibrated: 4/20/2006
- Sensor-Surface: 1 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 161

d=15mm, Pin=1W 2/Area Scan (41x41x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 358.3 mW/g

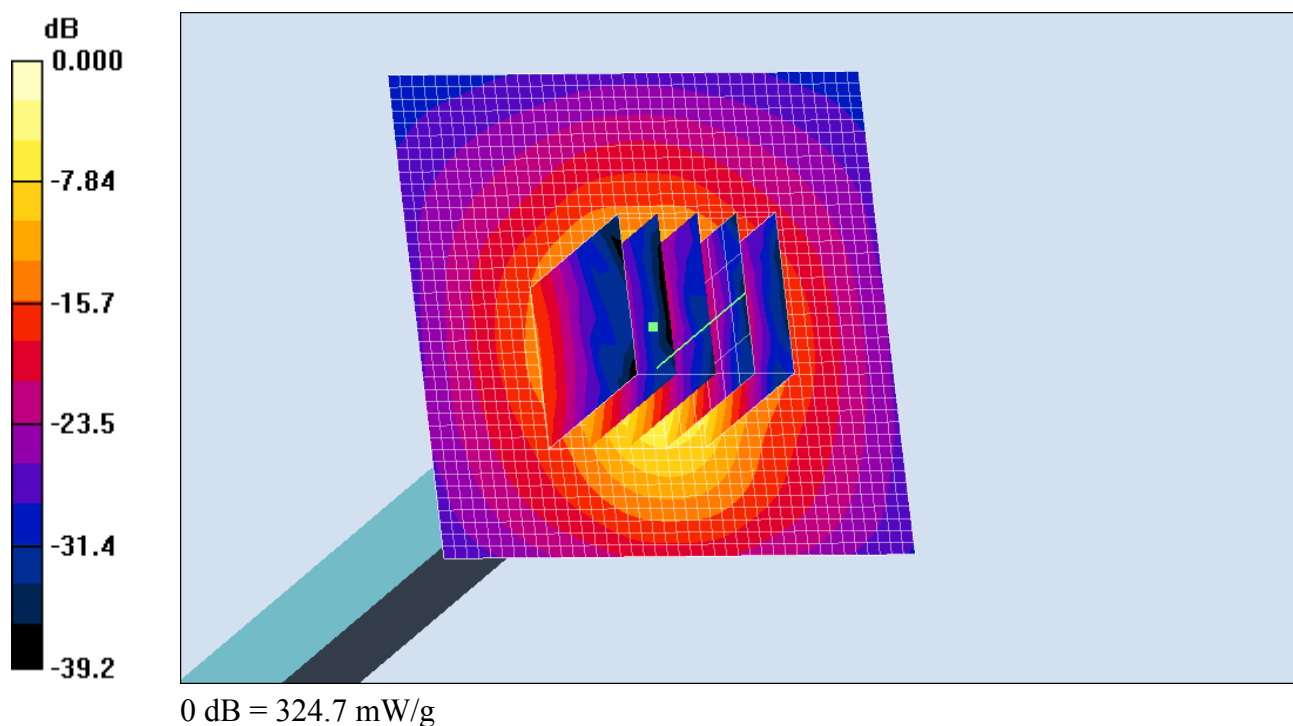
d=15mm, Pin=1W 2/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 33.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 352.2 W/kg

SAR(1 g) = 75.5 mW/g; SAR(10 g) = 21.23 mW/g

Maximum value of SAR (measured) = 324.7 mW/g



Head System Validation

DUT: Dipole 5800MHZ; Type: EX3DV4; SN:3576

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 36.27$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4-SN3576; ConvF(3.89, 3.89, 3.89); Calibrated: 10/9/2003
- Sensor-Surface: 1 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn456; Calibrated: 6/1/2004
- Phantom: SAM with CRP; Type: Twin SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 161

d=15mm, Pin=1W 2/Area Scan (41x41x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 358.3 mW/g

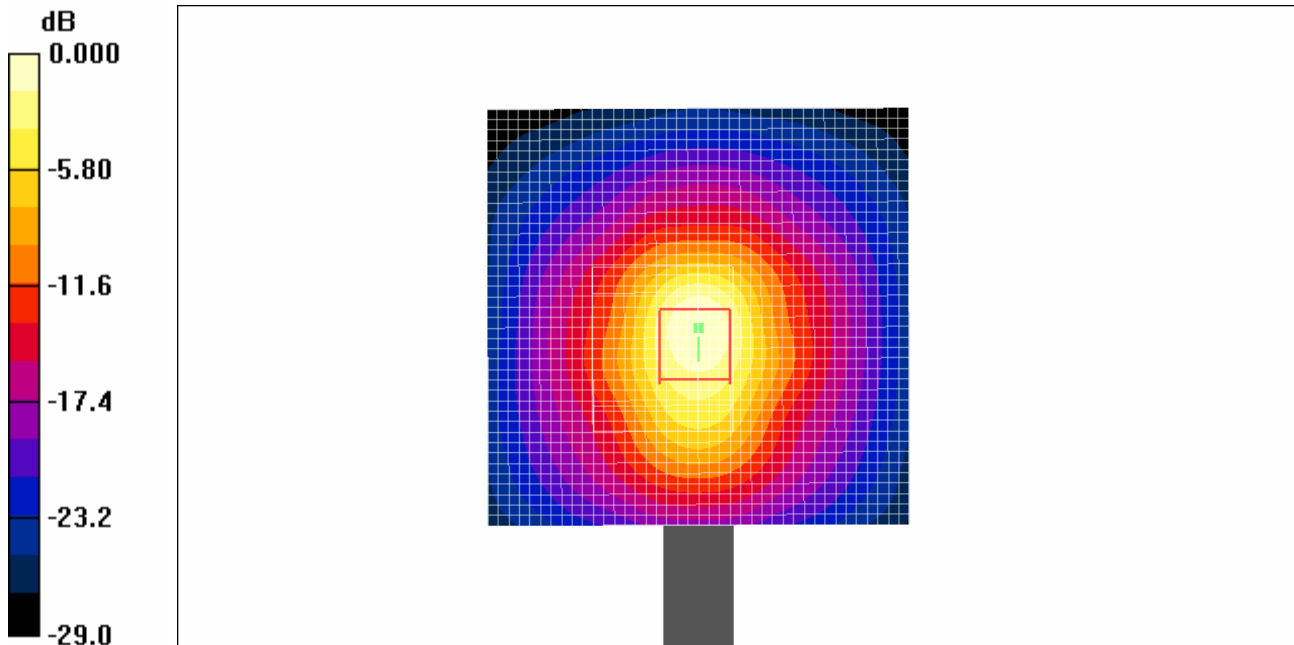
d=15mm, Pin=1W 2/Zoom Scan (11x11x11)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=2.5mm

Reference Value = 314.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 341.2 W/kg

SAR(1 g) = 76.9 mW/g; SAR(10 g) = 20.8 mW/g

Maximum value of SAR (measured) = 338.9 mW/g



0 dB = 338.9mW/g

APPENDIX E - EUT SCANS

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

Body 850mAH

DUT: 703X; Type: Sample; Serial: 03-1

Communication System: Spectralink 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT200)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.161 mW/g

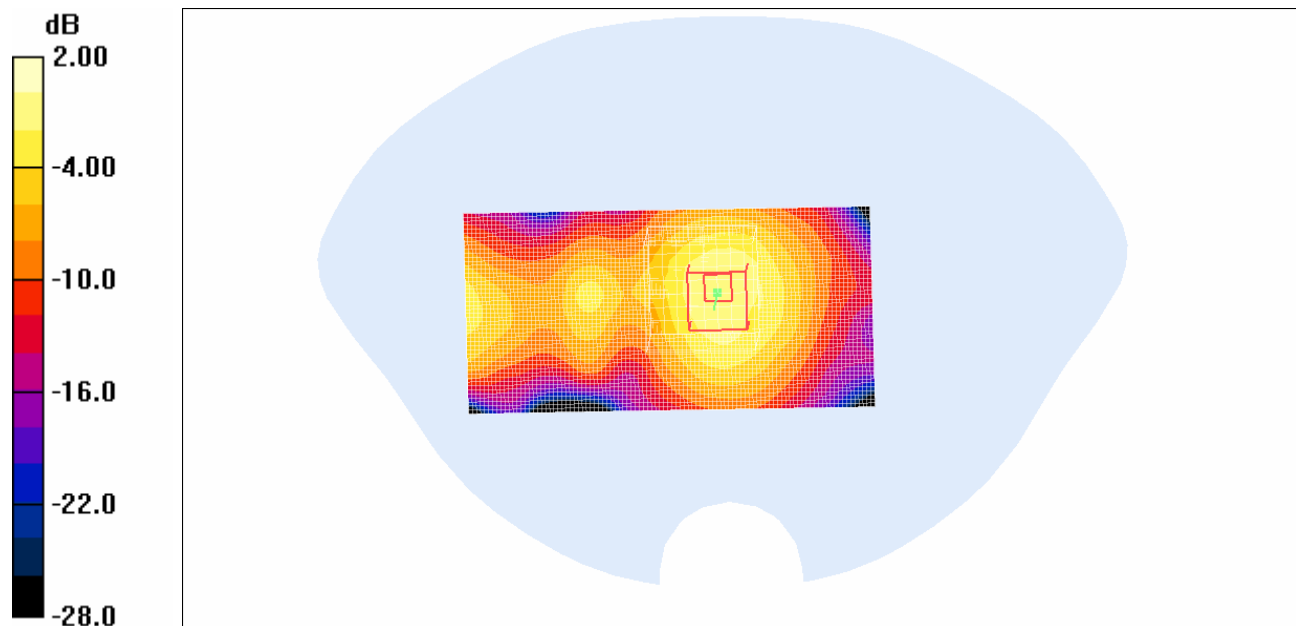
1.5cm Body position(PHT200)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.93 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.158mW/g

Plot #1

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 850mAH****DUT: 703X; Type: Sample; Serial: 03-01**

Communication System: Spectralink 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT300)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.183 mW/g

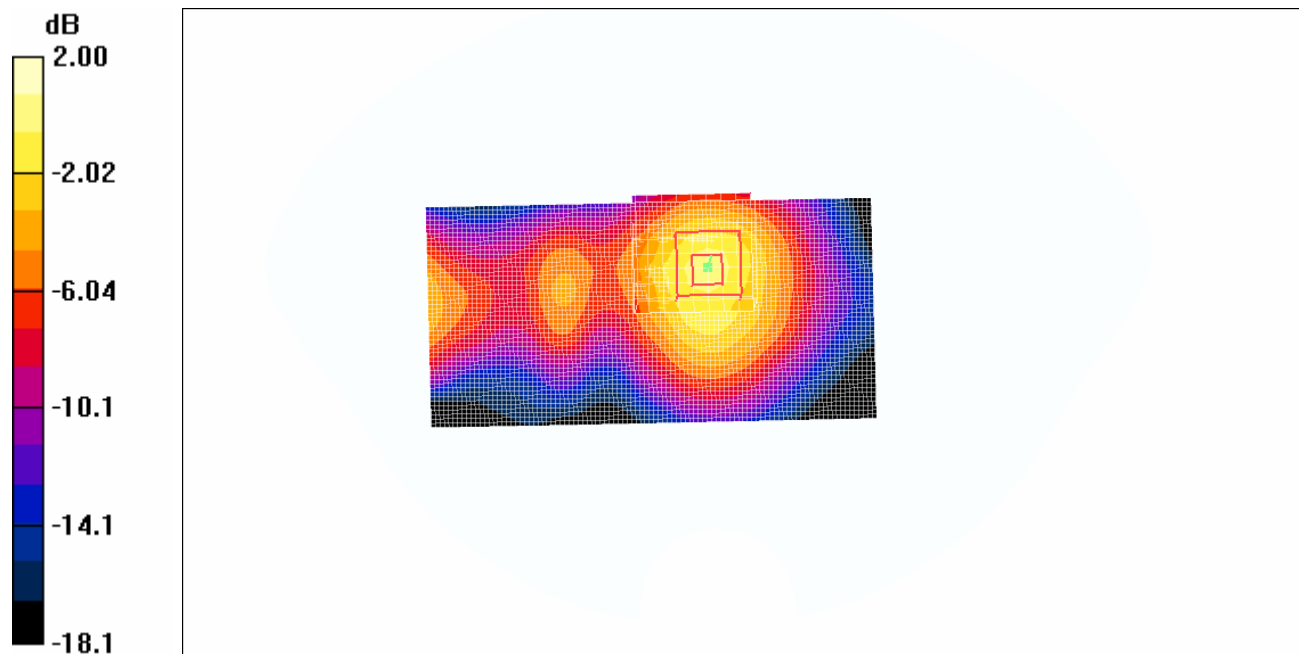
1.5cm Body position(PHT300)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.94 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.186mW/g

Plot #2

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: Spectralink 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT200)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.151 mW/g

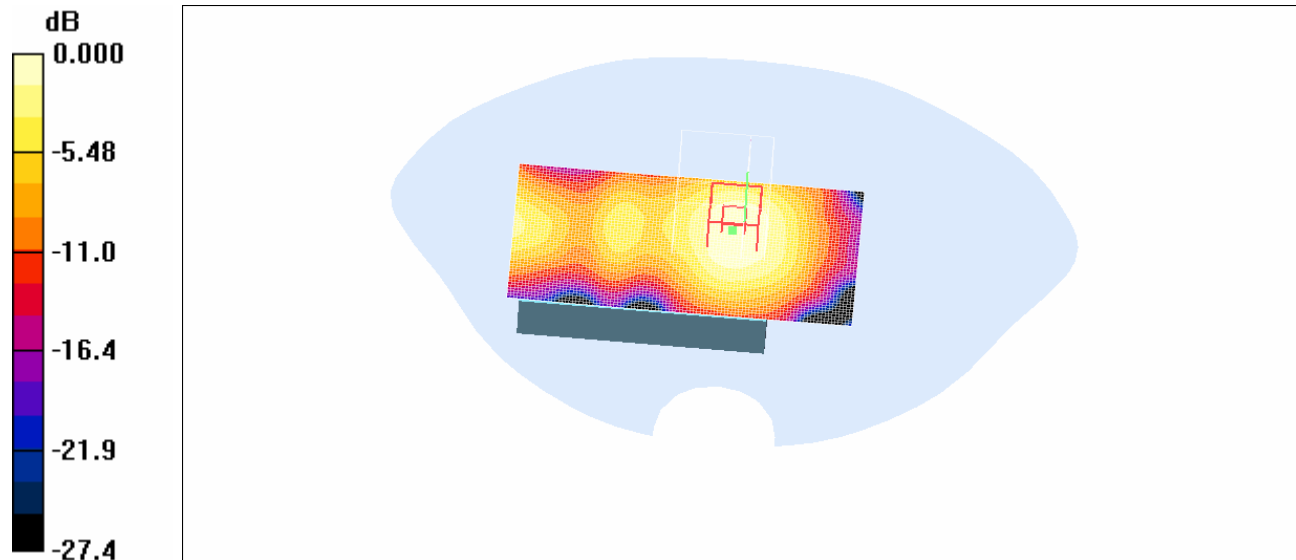
1.5cm Body position(PHT200)/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.75 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

Plot #3

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1100mAH****DUT: 703X; Type: Sample; Serial: 03-01**

Communication System: Spectralink 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT300)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.159 mW/g

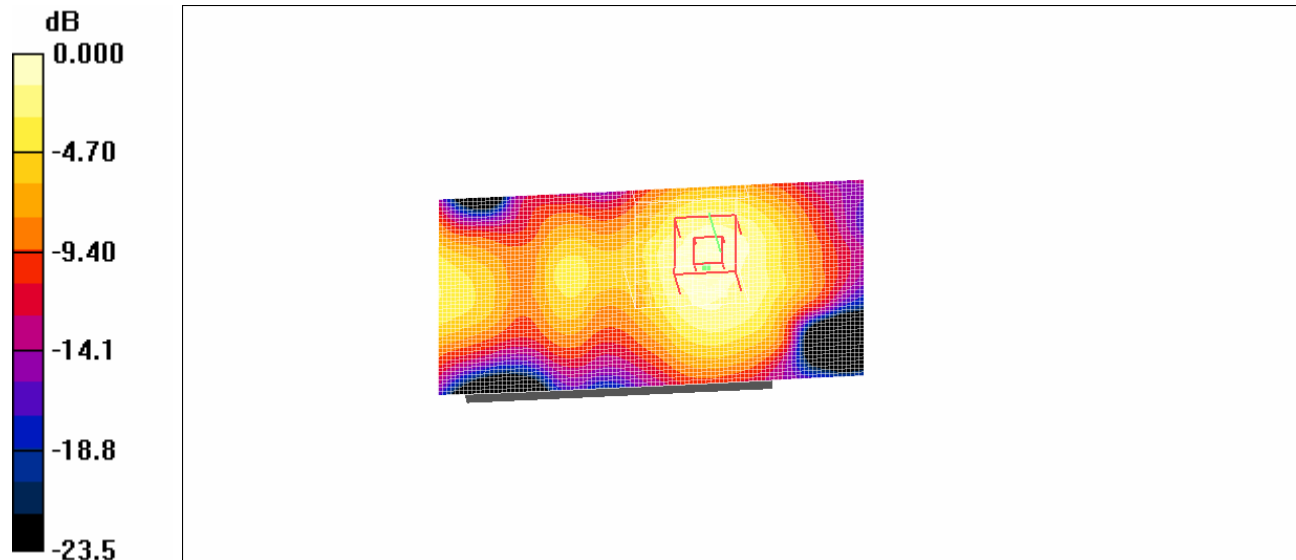
1.5cm Body position(PHT300)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.94 V/m; Power Drift = -0.203 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.076 mW/g

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



0 dB = 0.162mW/g

Plot #4

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1600mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: Spectralink 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT200)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.220 mW/g

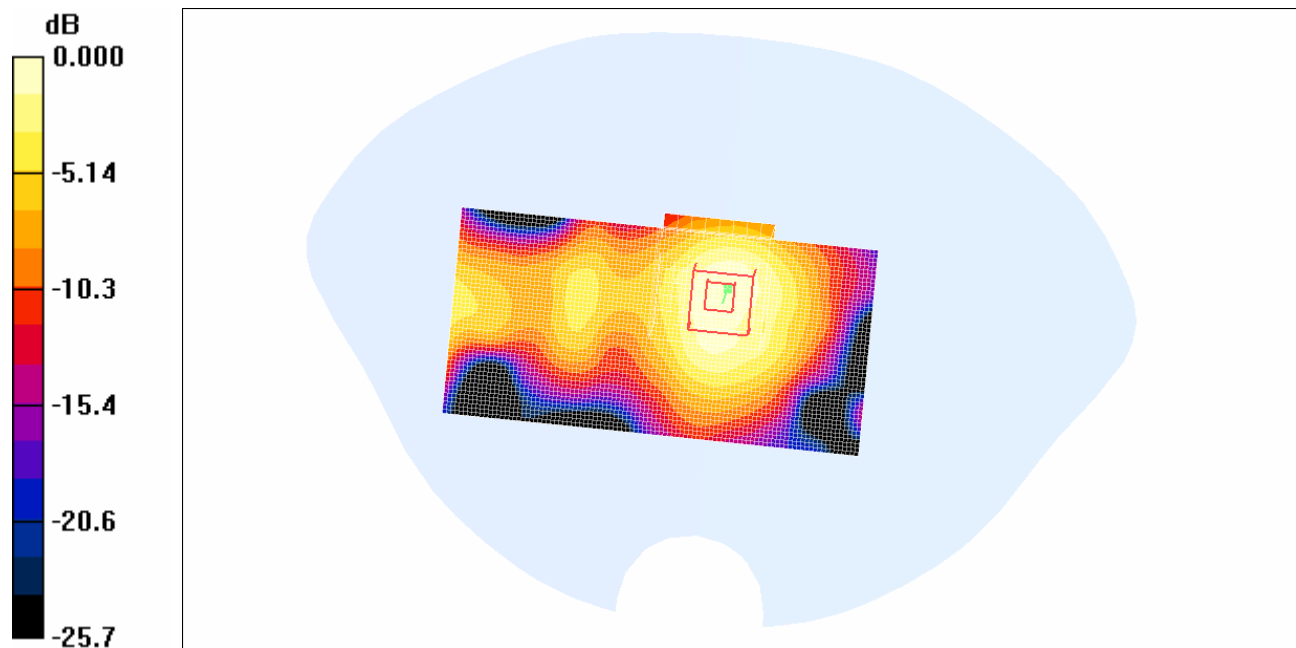
1.5cm Body position(PHT200)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.75 V/m; Power Drift = -0.591 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



0 dB = 0.217mW/g

Plot #5

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1600mAH****DUT: 703X; Type: Sample; Serial: 03-01**

Communication System: Spectralink 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT300)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.189 mW/g

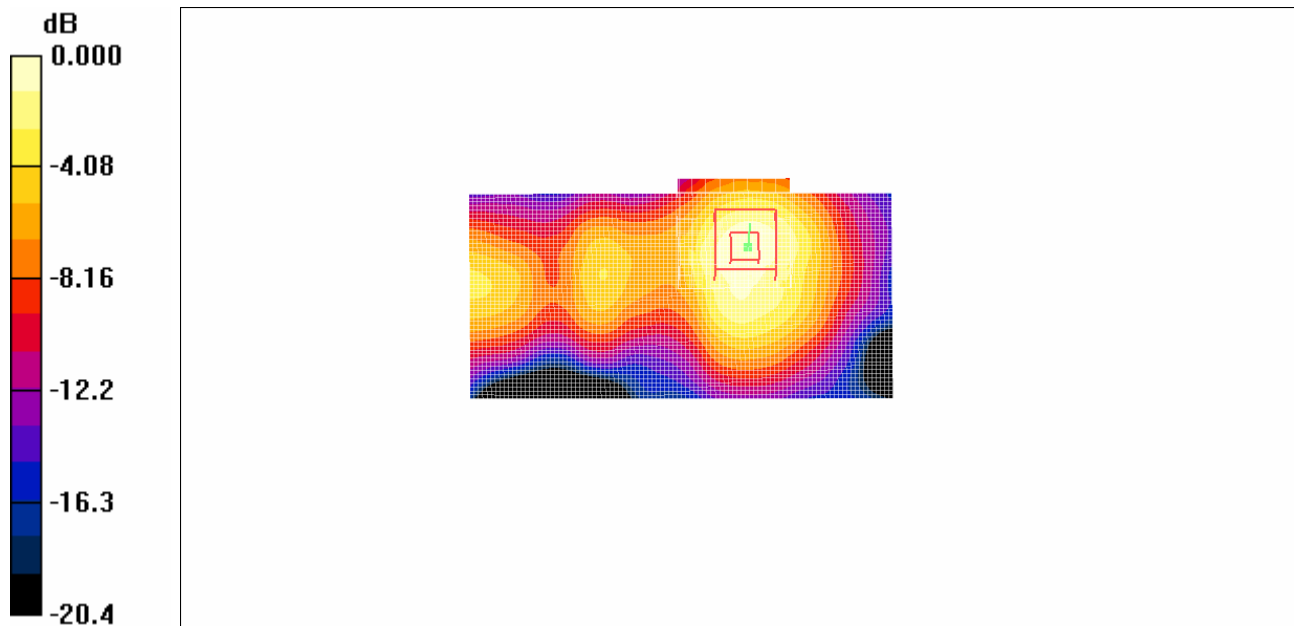
1.5cm Body position(PHT300)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.84 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

Plot #6

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 850mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

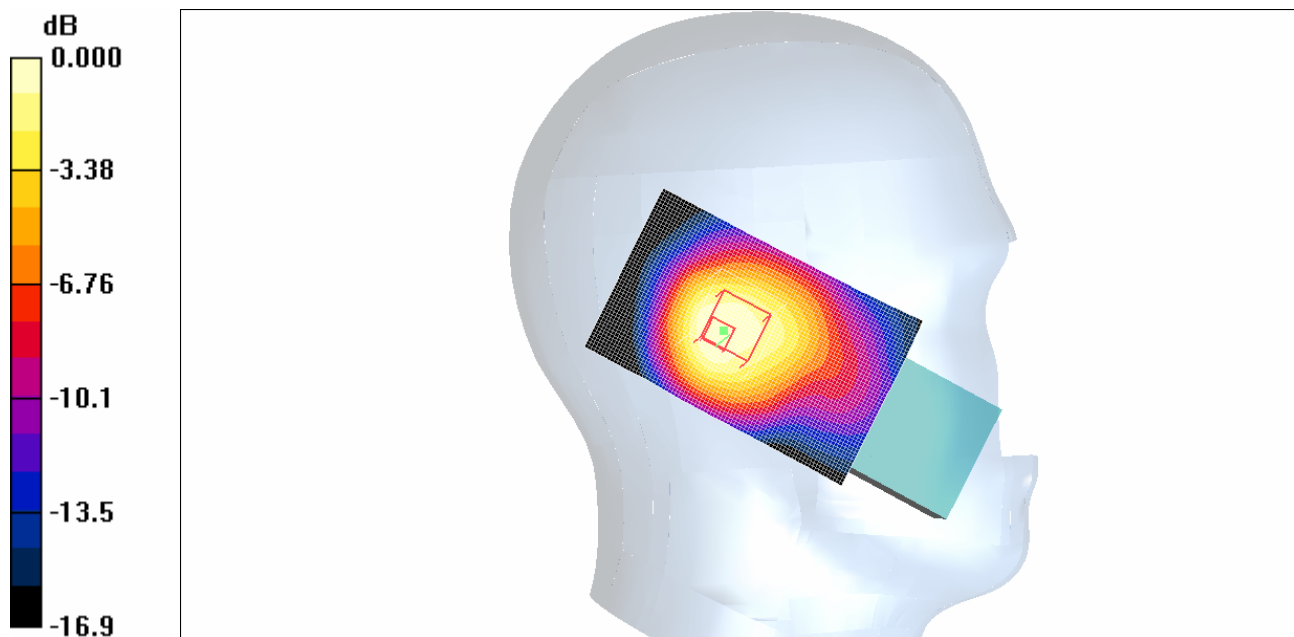
Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.102 mW/g

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



0 dB = 0.203mW/g

Plot #7

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 850mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.202 mW/g

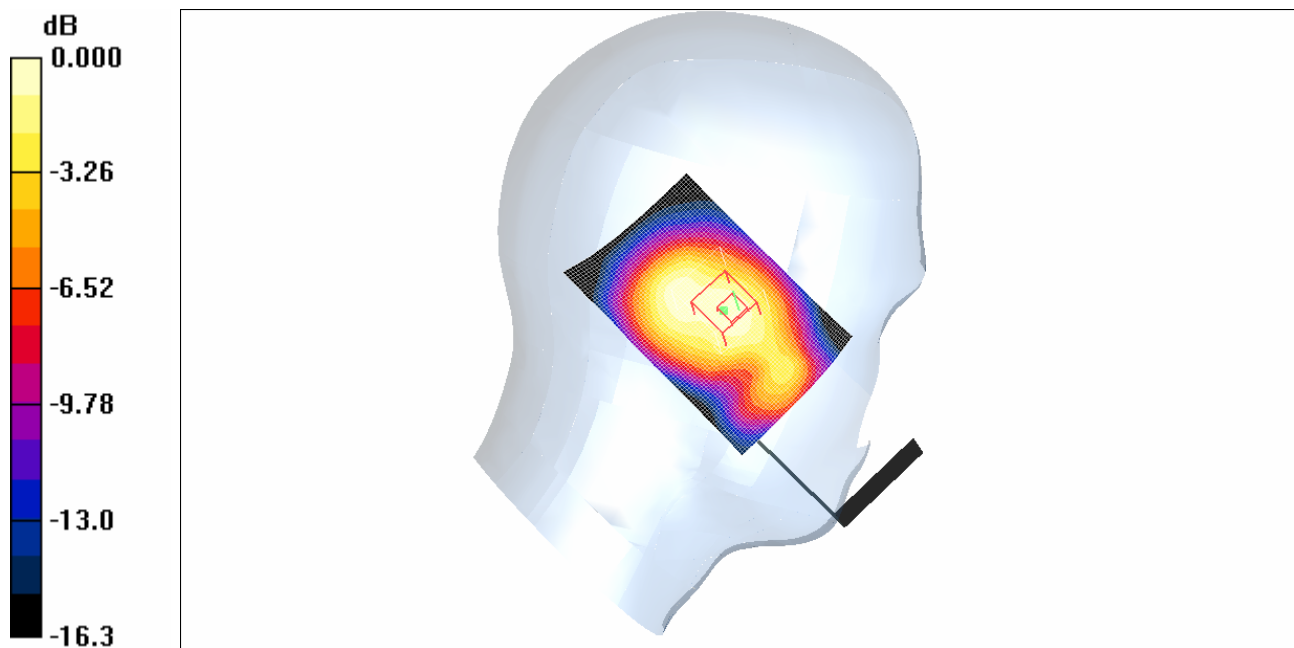
Touch position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.47 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

Plot #8

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 850mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.200 mW/g

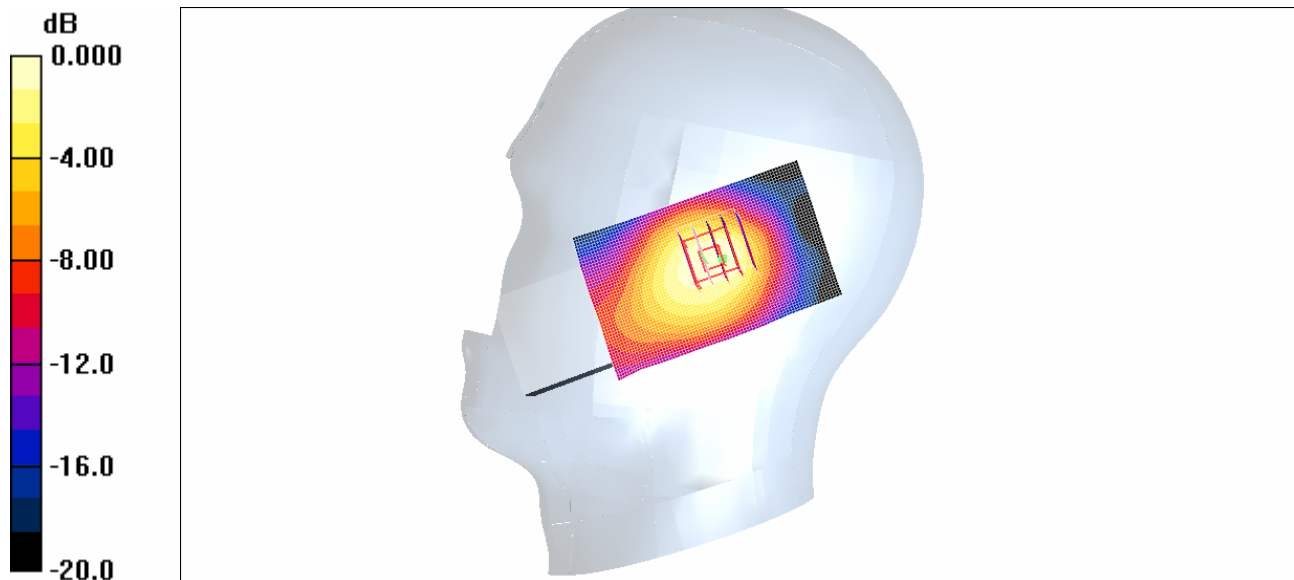
Tilt position - Middle/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Plot #9

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 850mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.219 mW/g

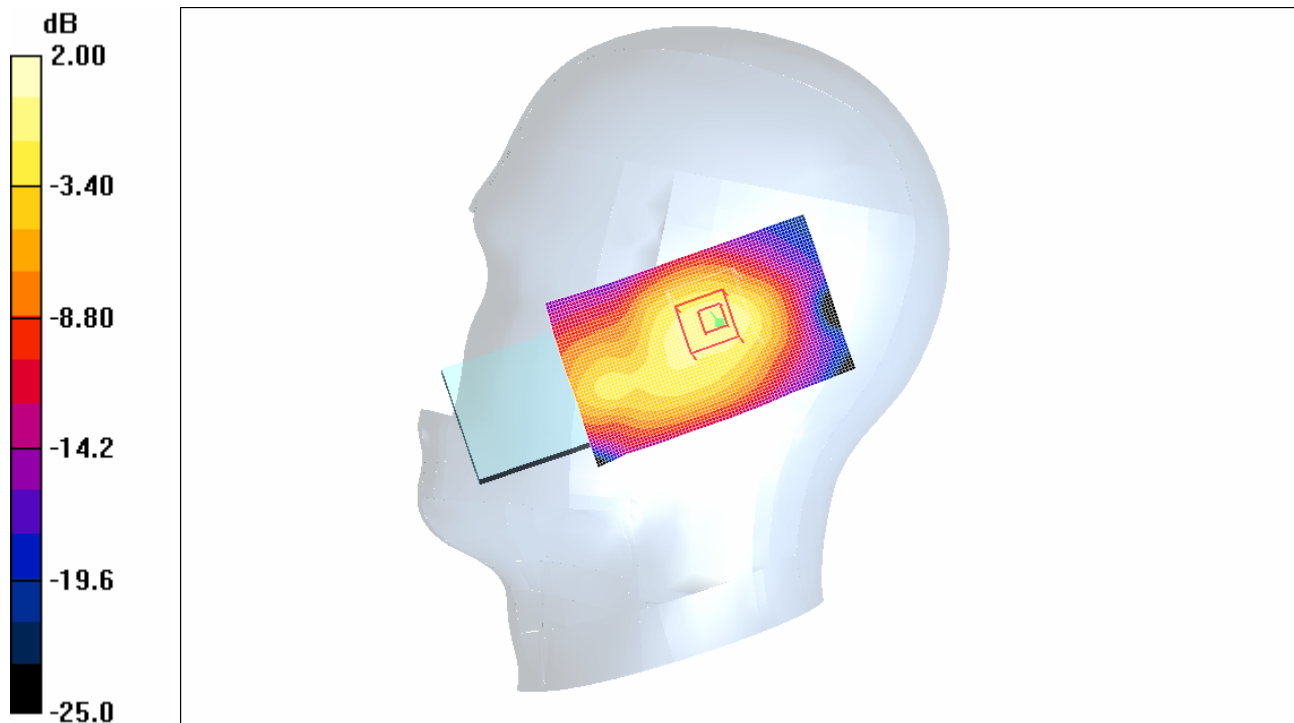
Touch position - Middle/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.201 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.201mW/g

Plot #10

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.242 mW/g

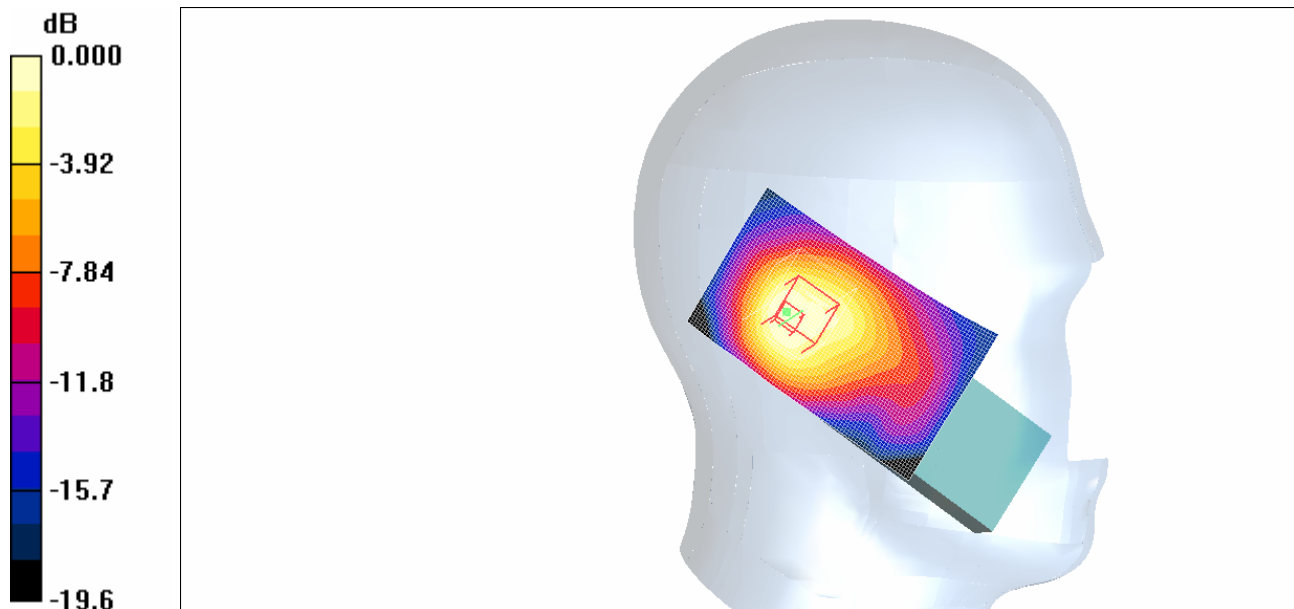
Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.304 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

Plot #11

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.196 mW/g

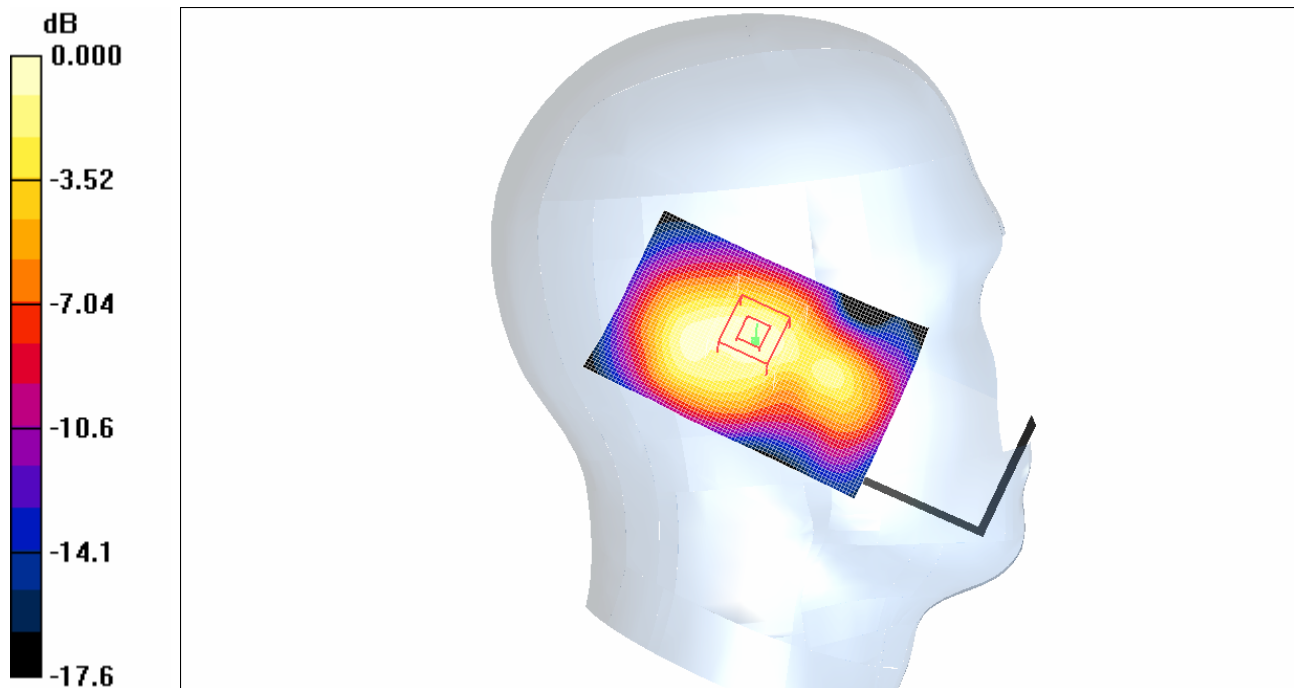
Touch position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.75 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193mW/g

Plot #12

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

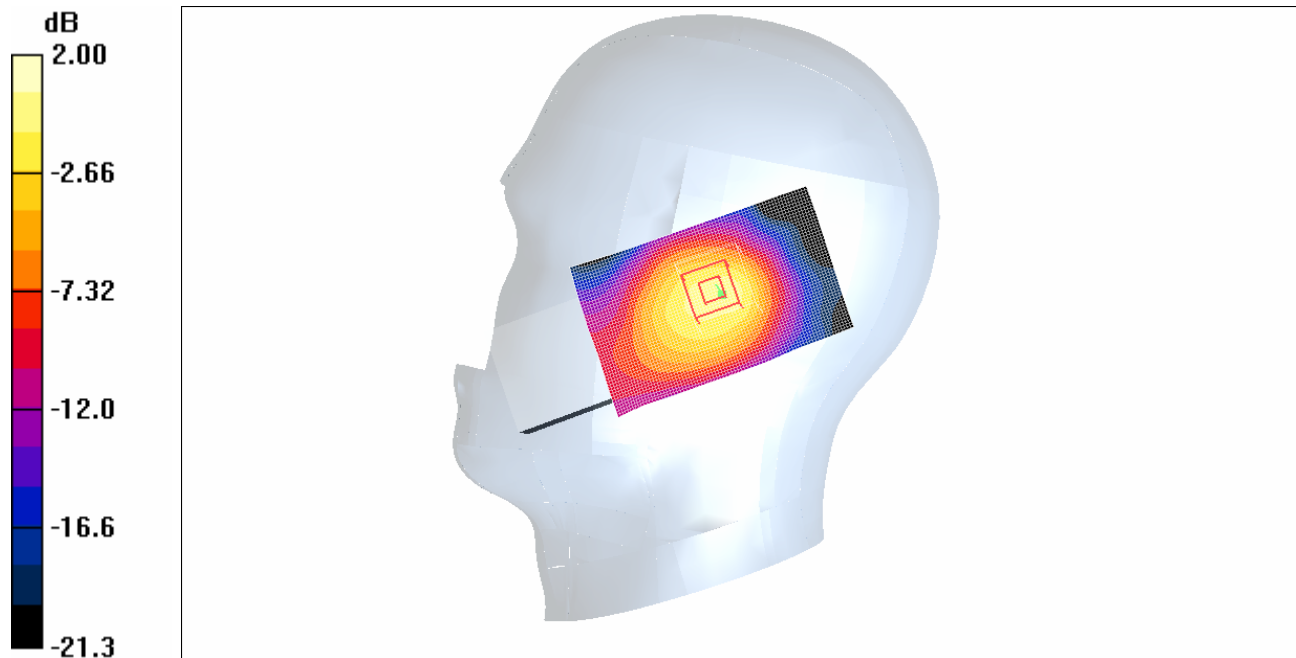
Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

Plot #12

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

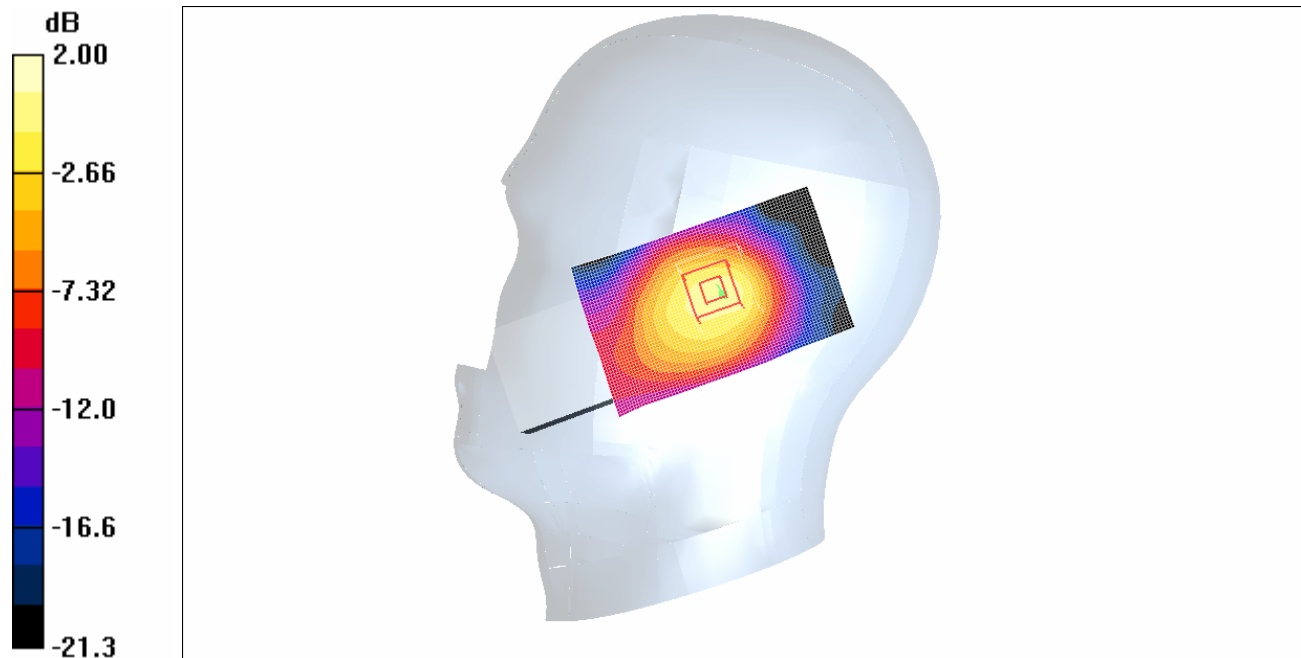
Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

Plot #13

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 1100mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.216 mW/g

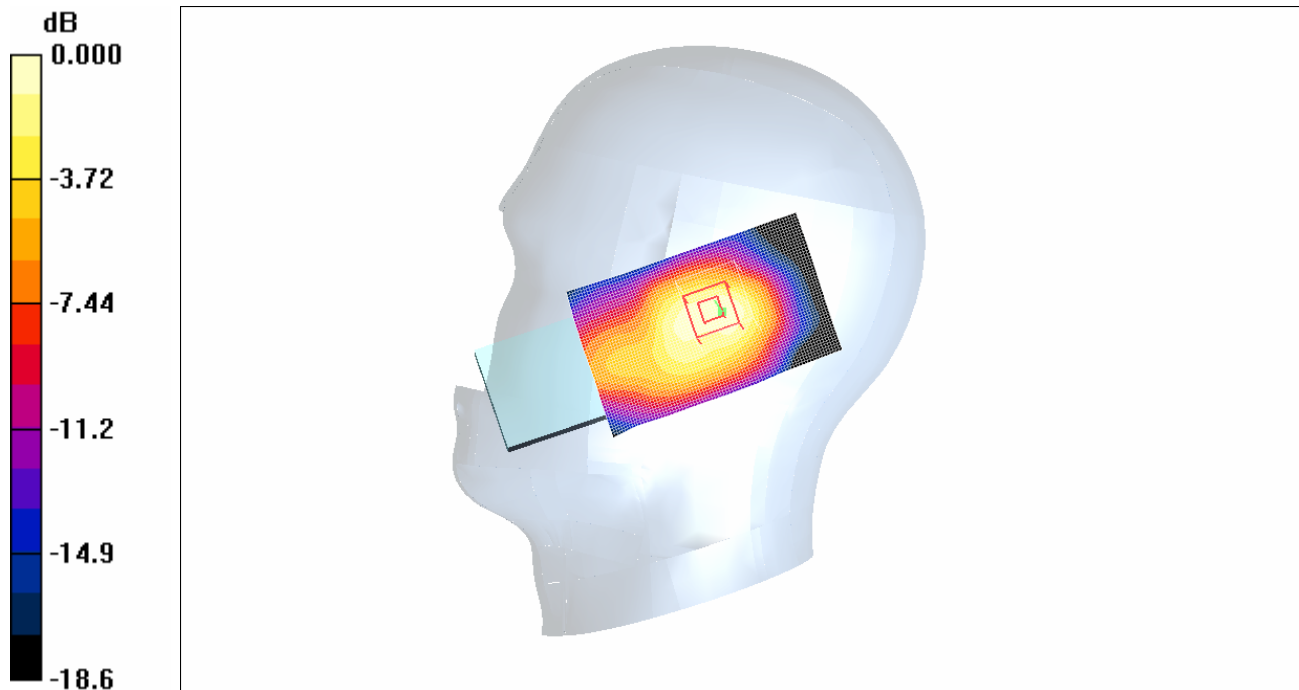
Touch position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.201mW/g

Plot #14

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 1600mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

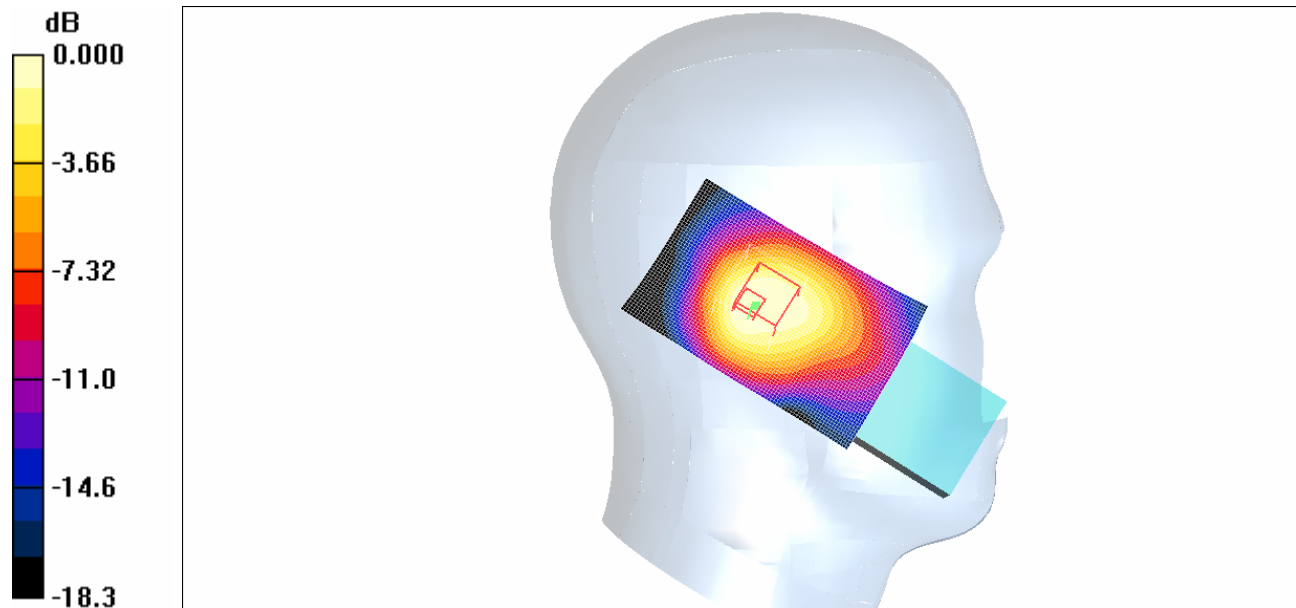
Tilt position - Middle/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Left Head 1600mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

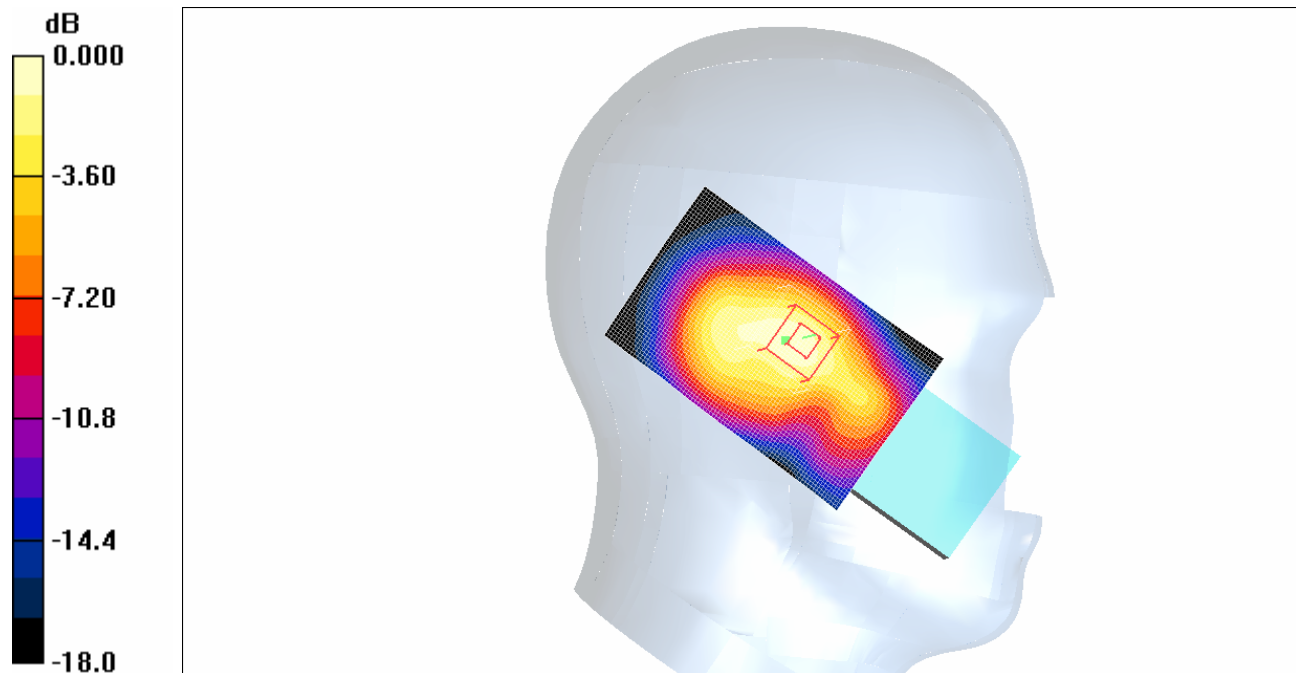
Touch position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.21 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.243 mW/g

**Plot #16**

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 1600mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

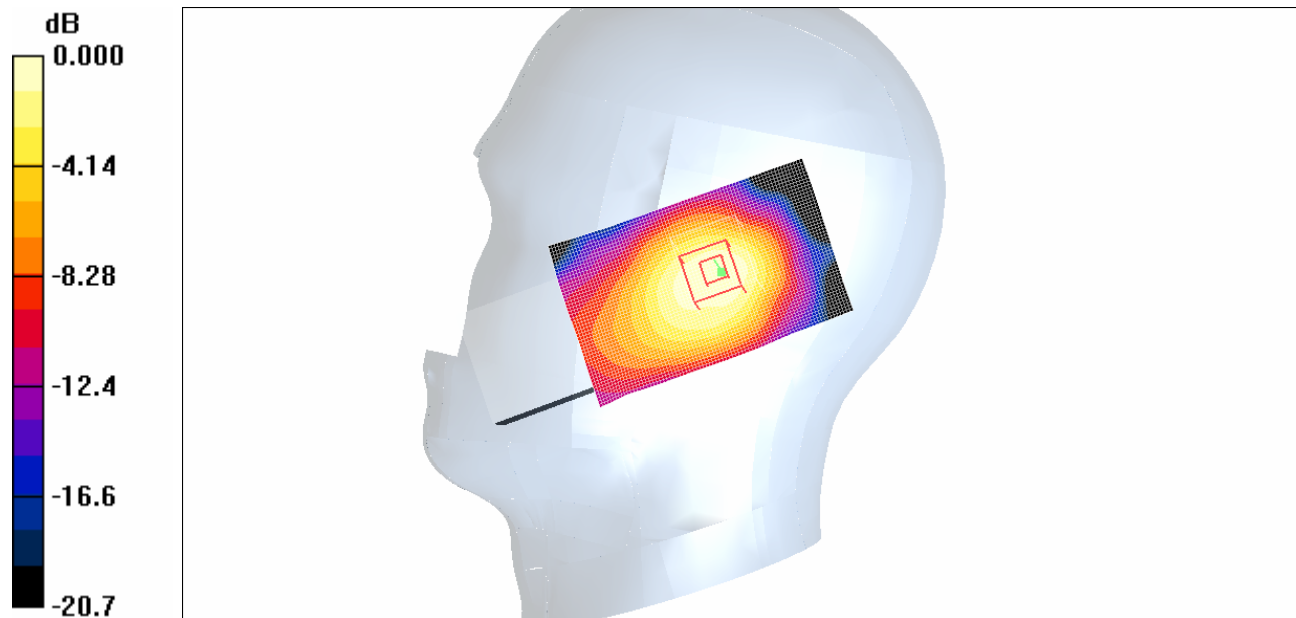
Tilt position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.209 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.181mW/g

Plot #17

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Right Head 1600mAH****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.58, 4.58, 4.58); Calibrated: 3/18/2005
- 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 - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

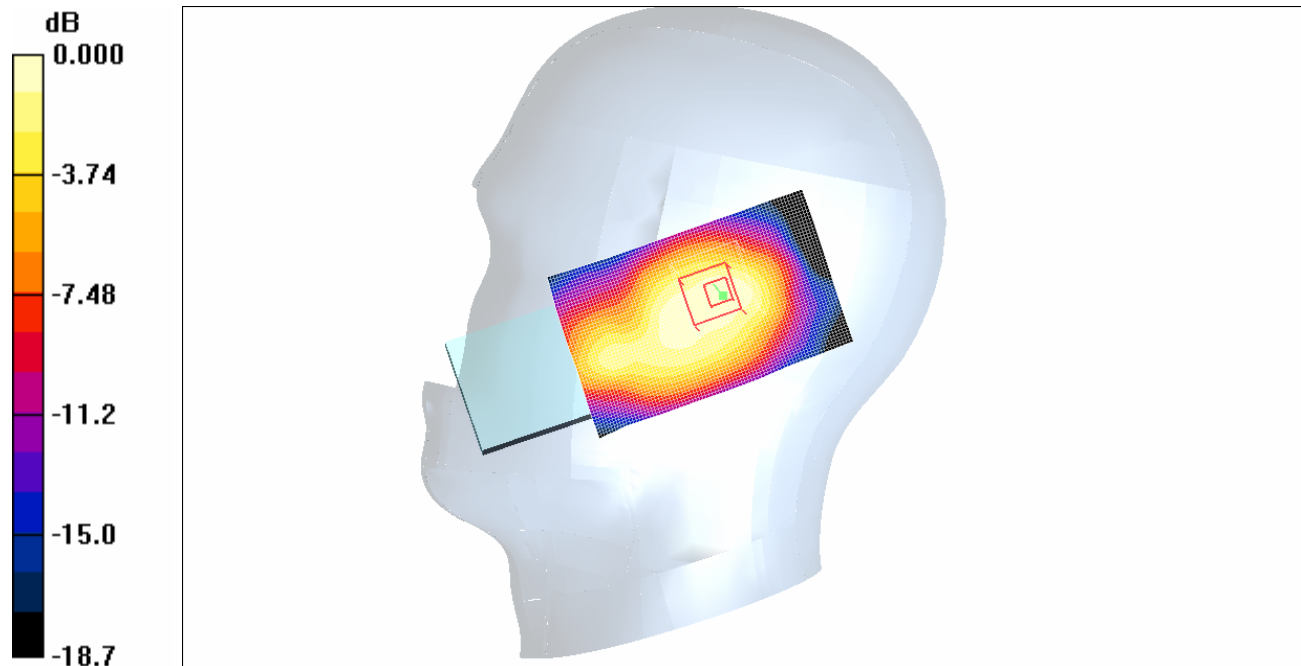
Touch position - Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.96 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179mW/g

Plot #18

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 850mAH 802.11g****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: Spectralink 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT200)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

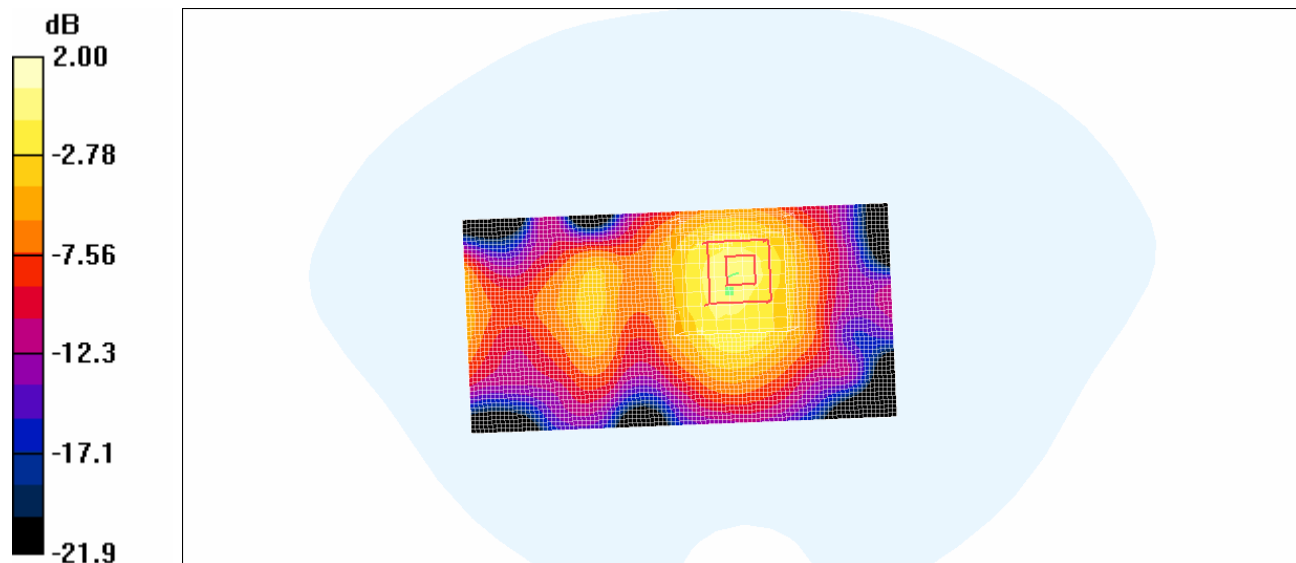
1.5cm Body position(PHT200)/Zoom Scan (9x9x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.84 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.075mW/g

Plot #19

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 850mAH 802.11g****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: Spectralink 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT300)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.078 mW/g

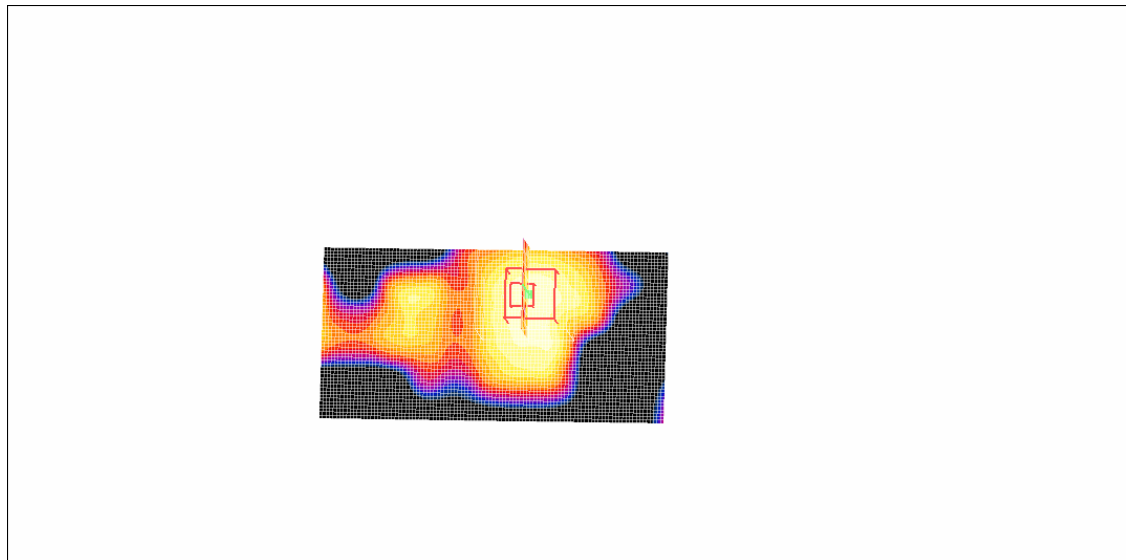
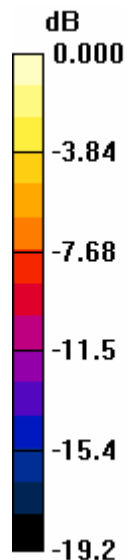
1.5cm Body position(PHT300)/Zoom Scan (9x9x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.91 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.190 W/kg

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

Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.079mW/g

Plot #20

Test Laboratory: Bay Area Compliance Lab Corp.(BACL)**Body 1100mAH 802.11g****DUT: 703X; Type: Sample; Serial: 03-1**

Communication System: Spectralink 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1604; ConvF(4.24, 4.24, 4.24); Calibrated: 3/18/2005
- 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

1.5cm Body position(PHT200)/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.081 mW/g

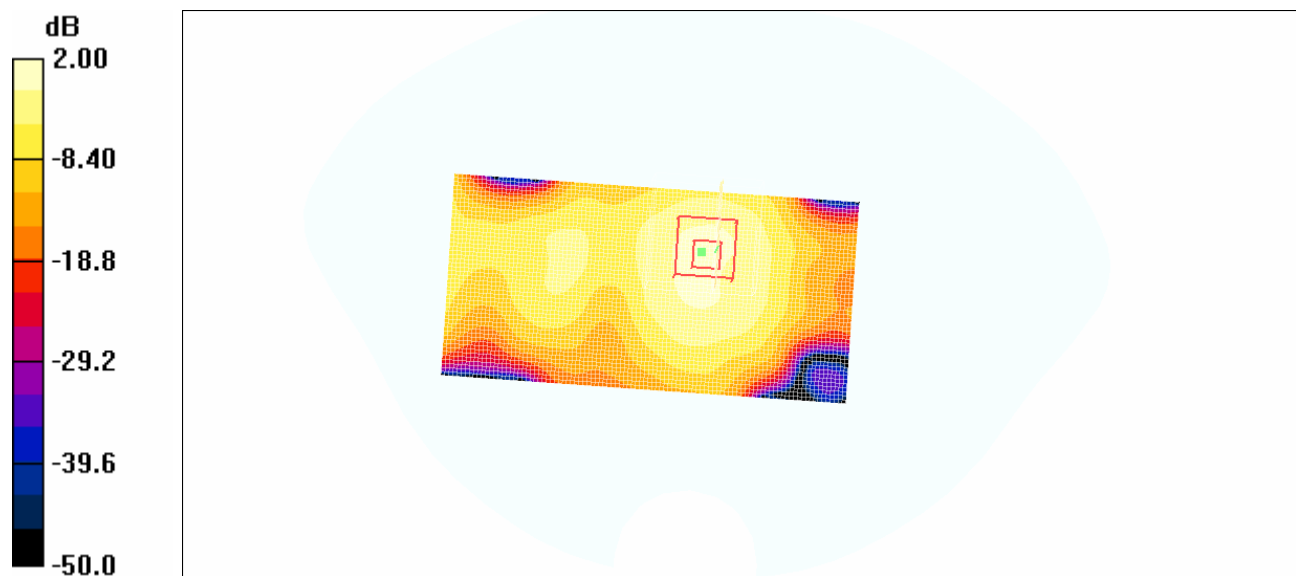
1.5cm Body position(PHT200)/Zoom Scan (9x9x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
 dz=5mm

Reference Value = 5.98 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.085mW/g

Plot #21