

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093
			IC RSS-102

Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.06 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

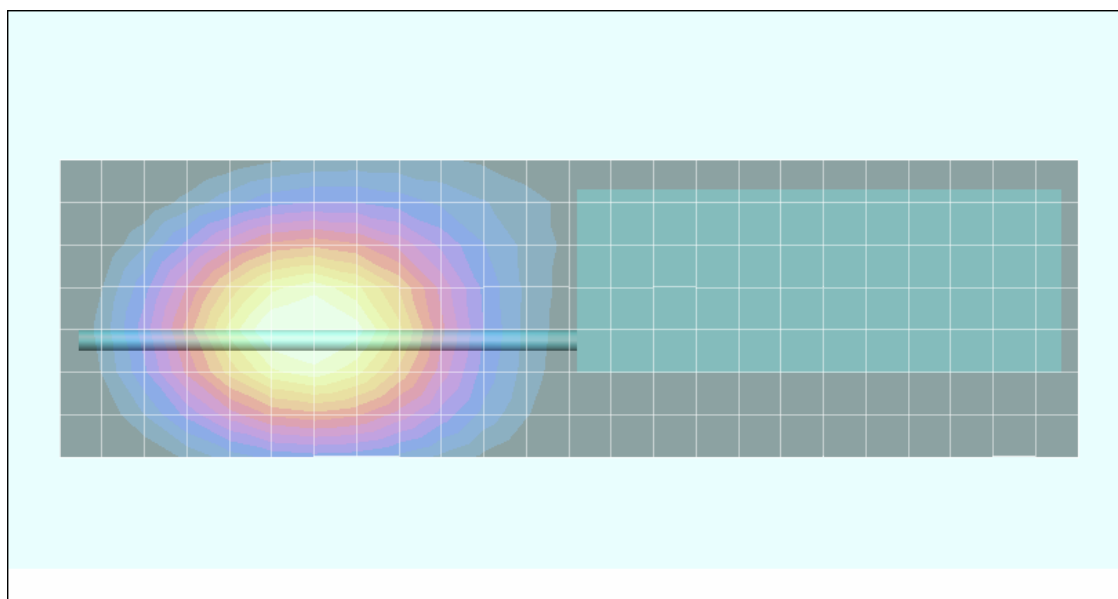
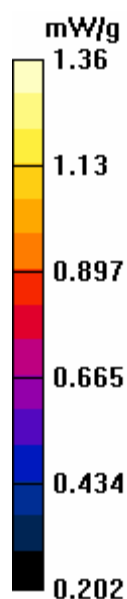
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.0884 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.943 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						212 of 336

Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.04 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

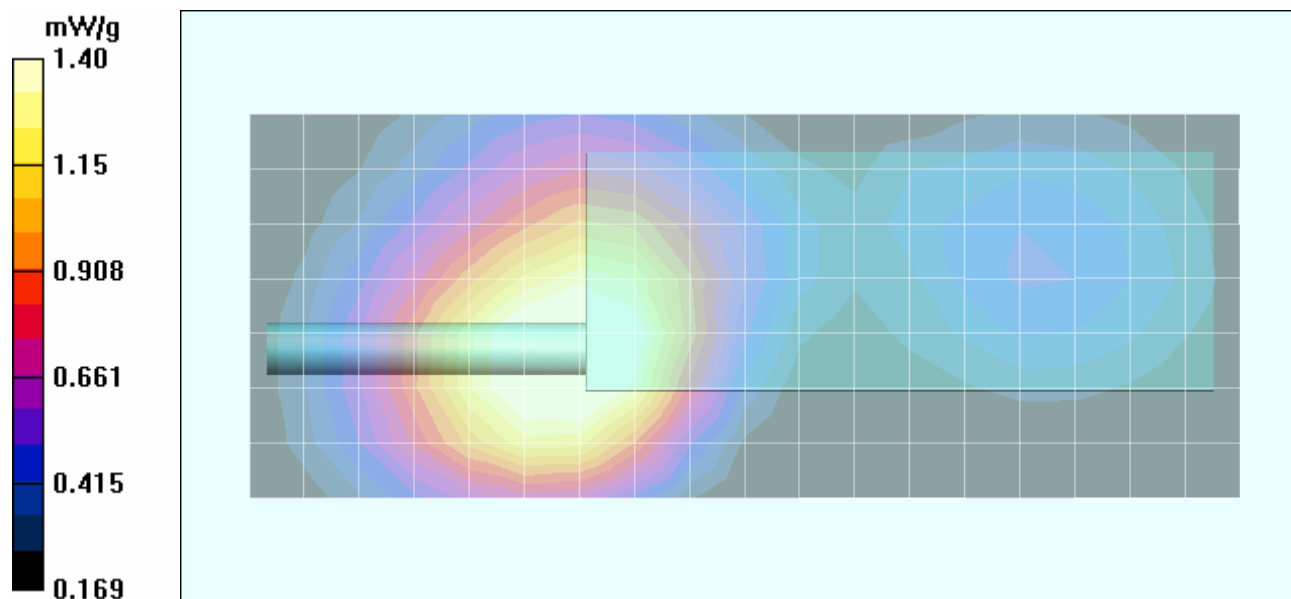
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.954 mW/g



Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.58 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

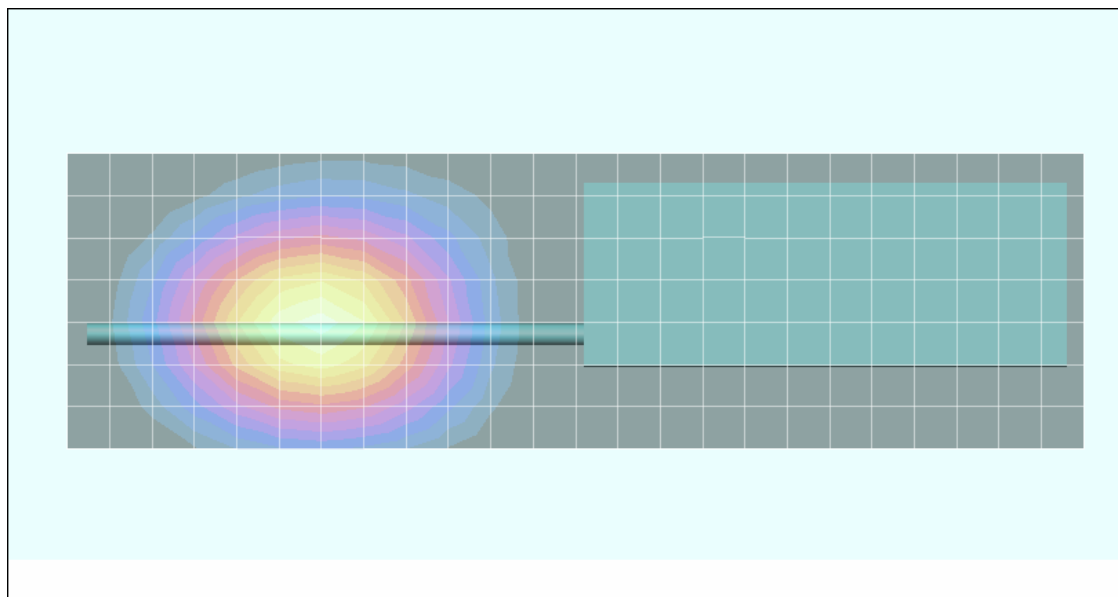
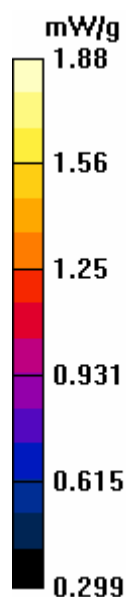
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.0063 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.79 mW/g; SAR(10 g) = 1.33 mW/g



Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.62 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

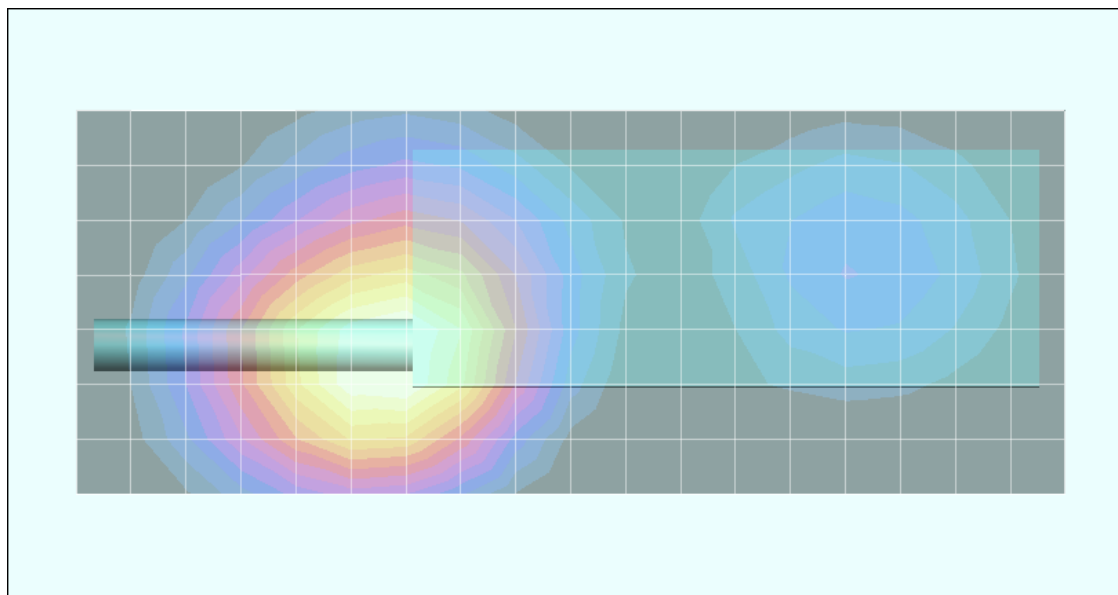
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 37.6 V/m; Power Drift = 0.0468 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.70 mW/g; SAR(10 g) = 1.26 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 35.10 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

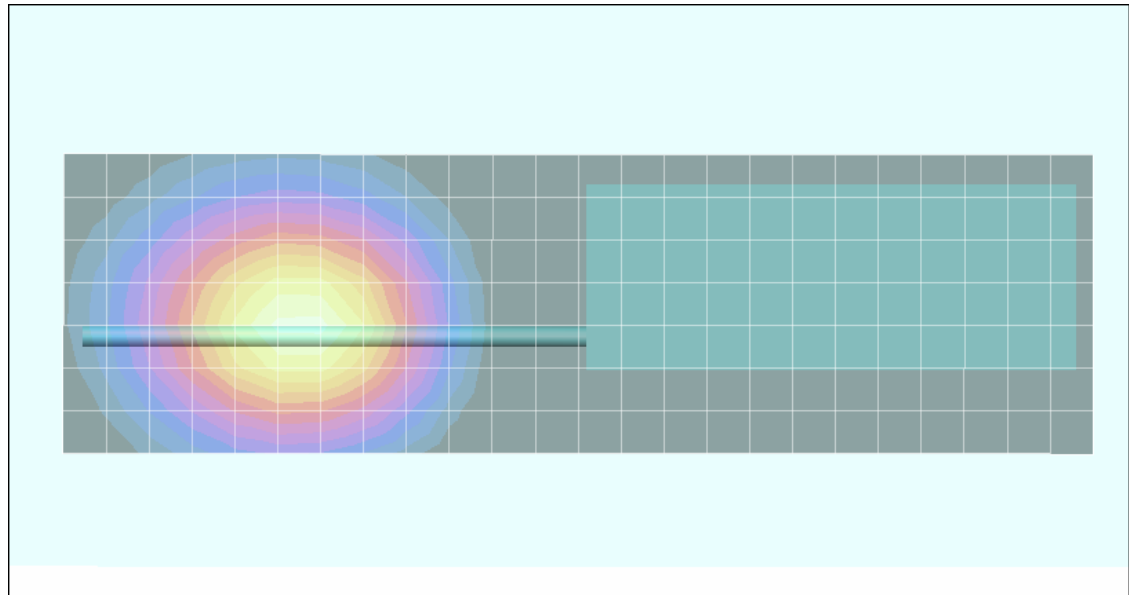
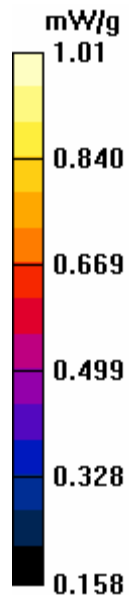
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.68 V/m; Power Drift = -0.391 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.709 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Case Kit (P/N: KRY 101 1639/4) & Leather Belt-Loop (P/N: KRY 101 1609/1)
Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 35.16 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.5 V/m; Power Drift = -0.466 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.617 mW/g

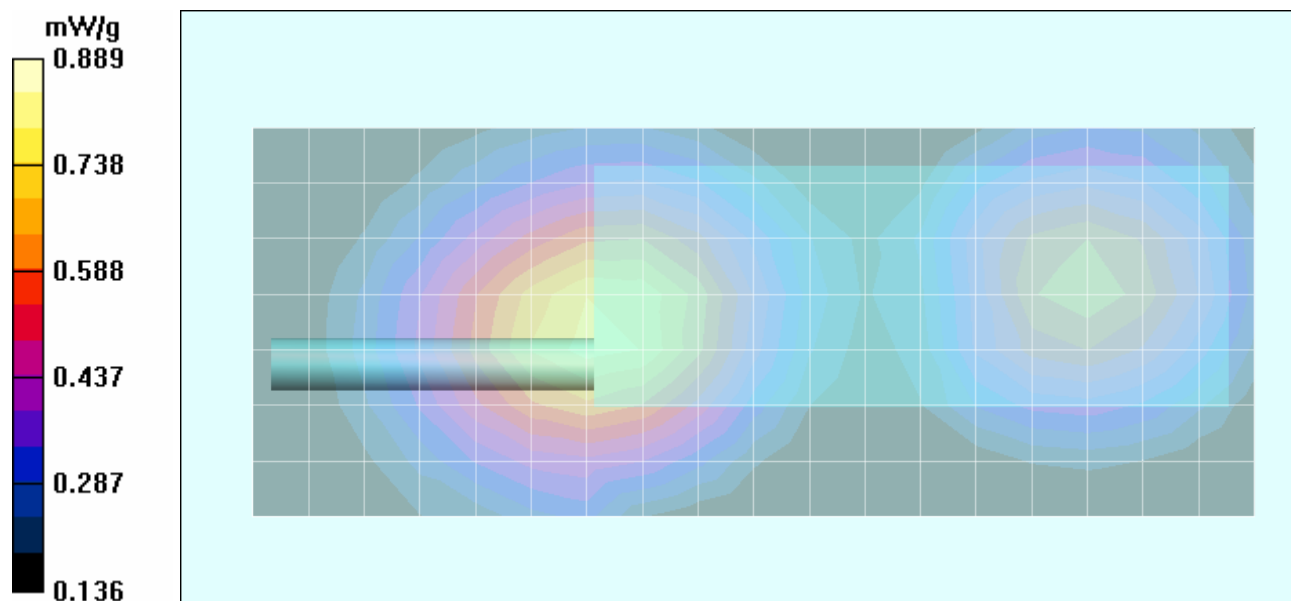
Body-Worn - 4.2 cm Leather Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.5 V/m; Power Drift = -0.466 dB

Peak SAR (extrapolated) = 0.727 W/kg

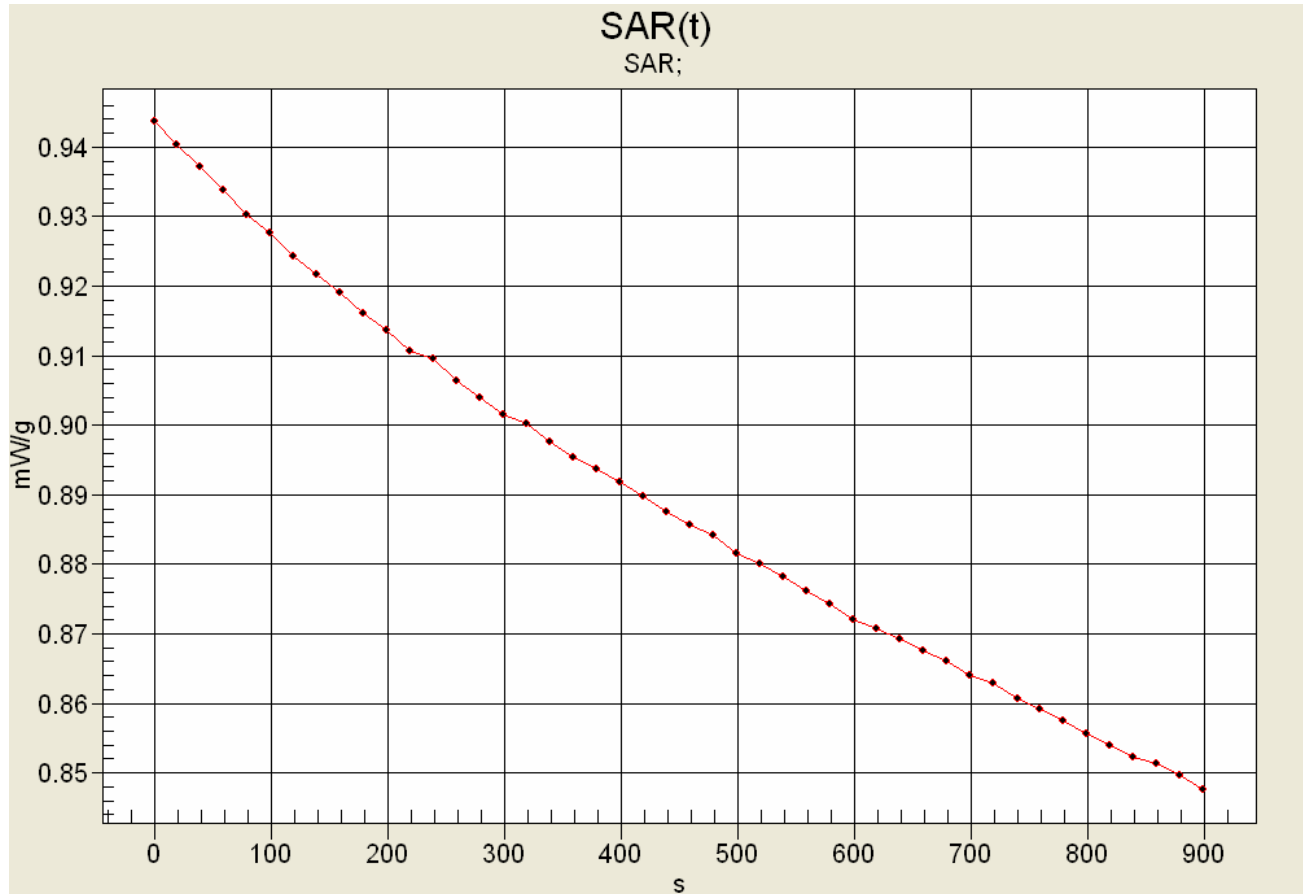
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.423 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						217 of 336

SAR-versus-Time Power Droop Evaluation

DUT with Leather Case Kit, Belt-Loop, & Speaker-Microphone Accessories
 NiCd IS Battery
 Quarter-wave Antenna
 Band 4 Mid Channel (860.0000 MHz)



Start SAR: 0.943671 mW/g
 End SAR: 0.847654 mW/g (-0.4660 dB)
 SAR after 340s: 0.897622 mW/g (-0.2173 dB)
 (340s: Zoom Scan Duration)

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

BODY-WORN with System Radio (Model No.: MAHROS0050)

Body-worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessory: Speaker-Microphone (P/N: KRY 101 1617/183)

Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						219 of 336

Date Tested: 08/03/2005

Body-Worn SAR - 766.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.32 dBm (Conducted)

Frequency: 766.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M767 ($\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

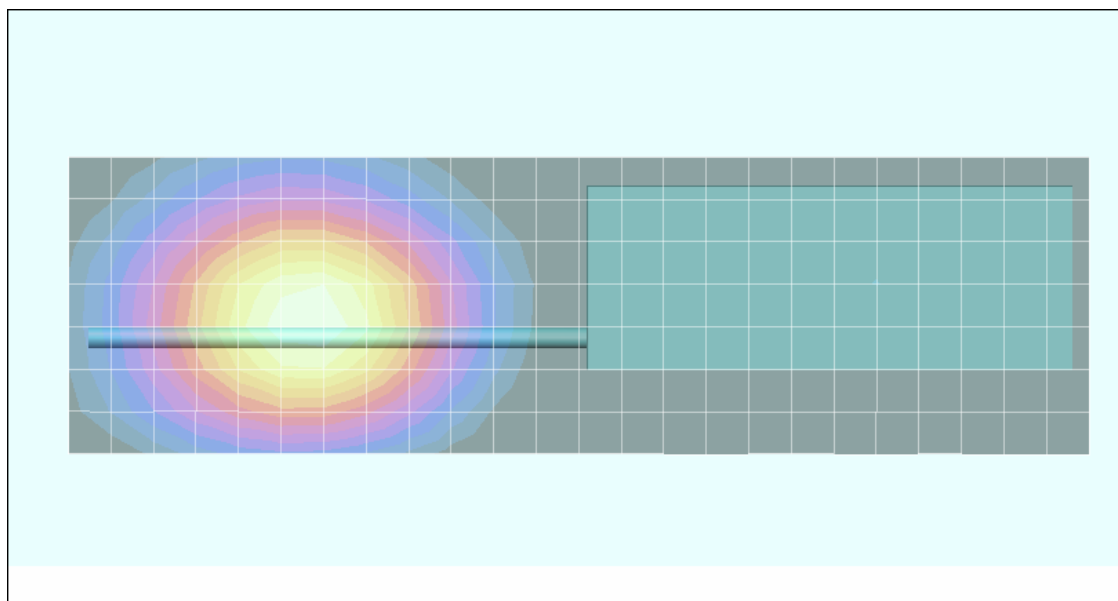
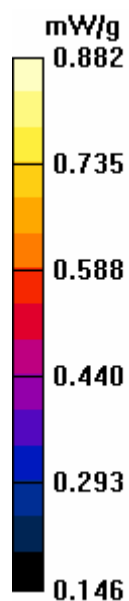
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.0201 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.625 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/03/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.28 dBm (Conducted)

Frequency: 766.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M767 ($\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

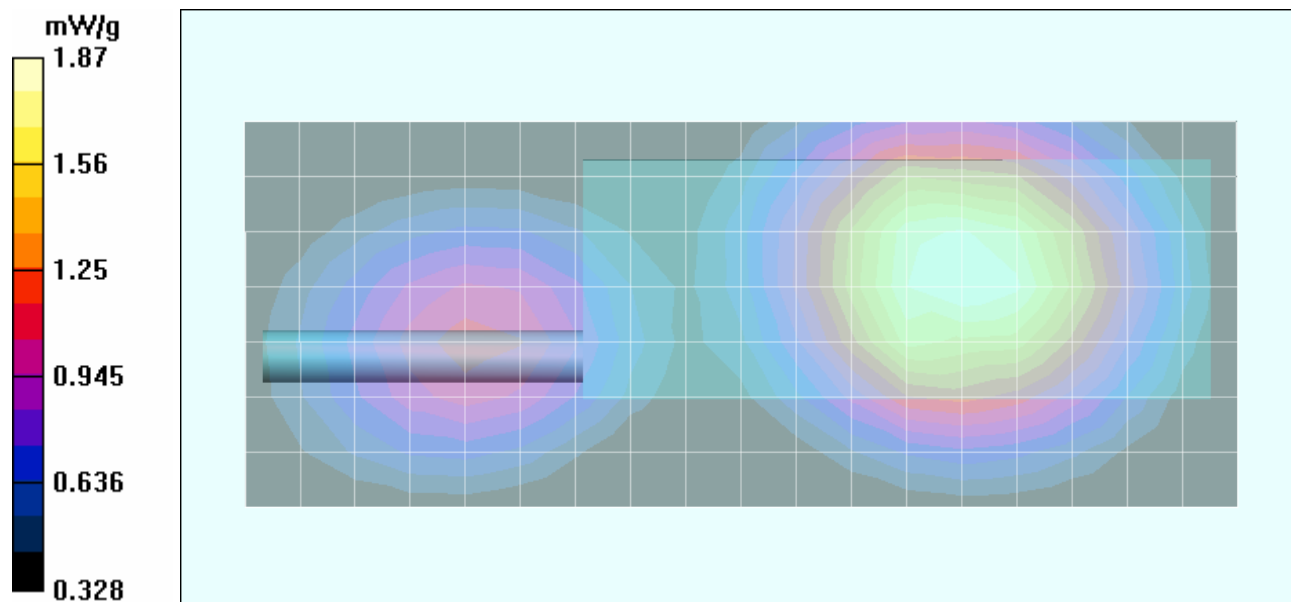
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.8 V/m; Power Drift = 0.0340 dB

Peak SAR (extrapolated) = 2.52 W/kg

SAR(1 g) = 1.79 mW/g; SAR(10 g) = 1.34 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						221 of 336

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093
			IC RSS-102

Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.07 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

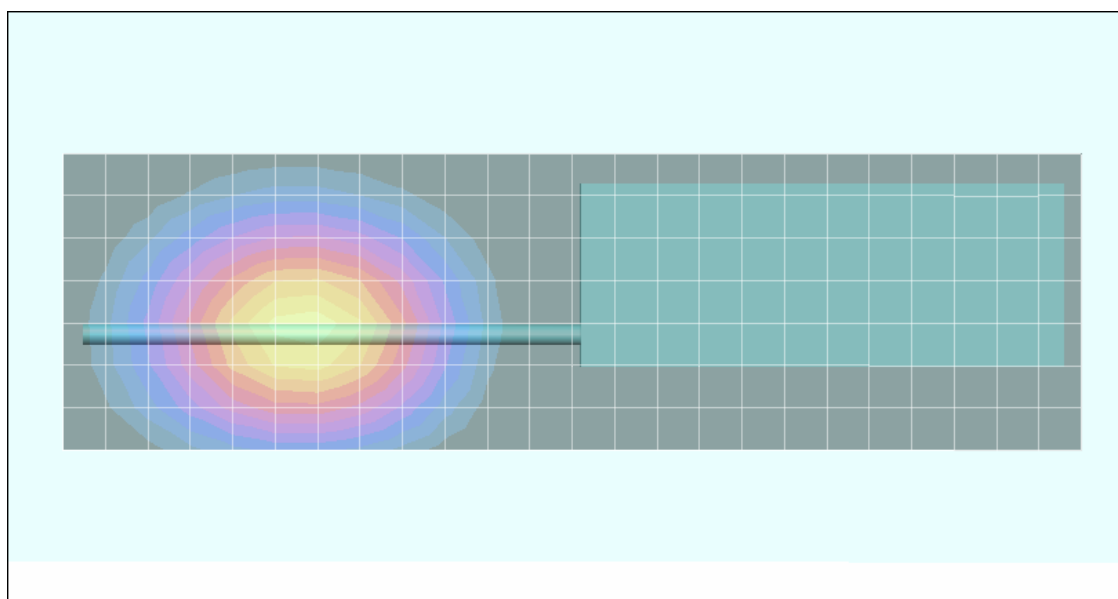
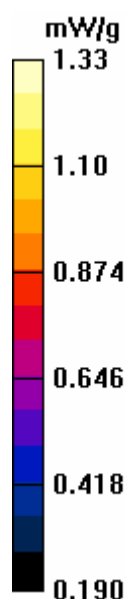
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = 0.0552 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.921 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						222 of 336

Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.05 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.7 V/m; Power Drift = 0.258 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.1 mW/g

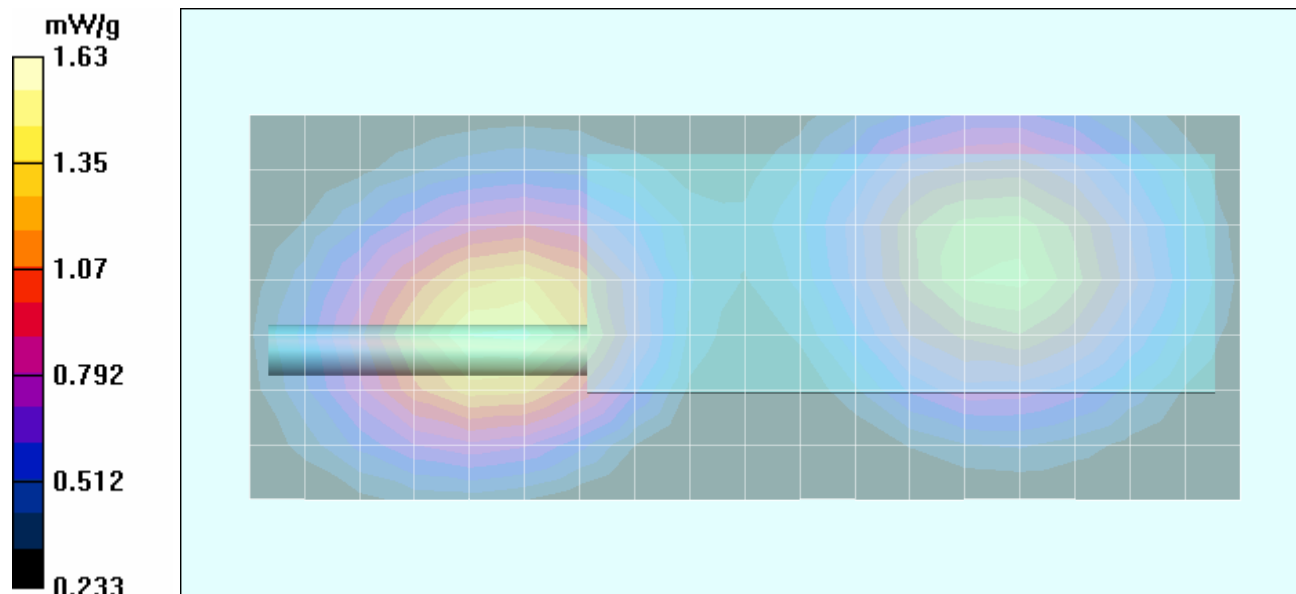
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.7 V/m; Power Drift = 0.258 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.836 mW/g



Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.54 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

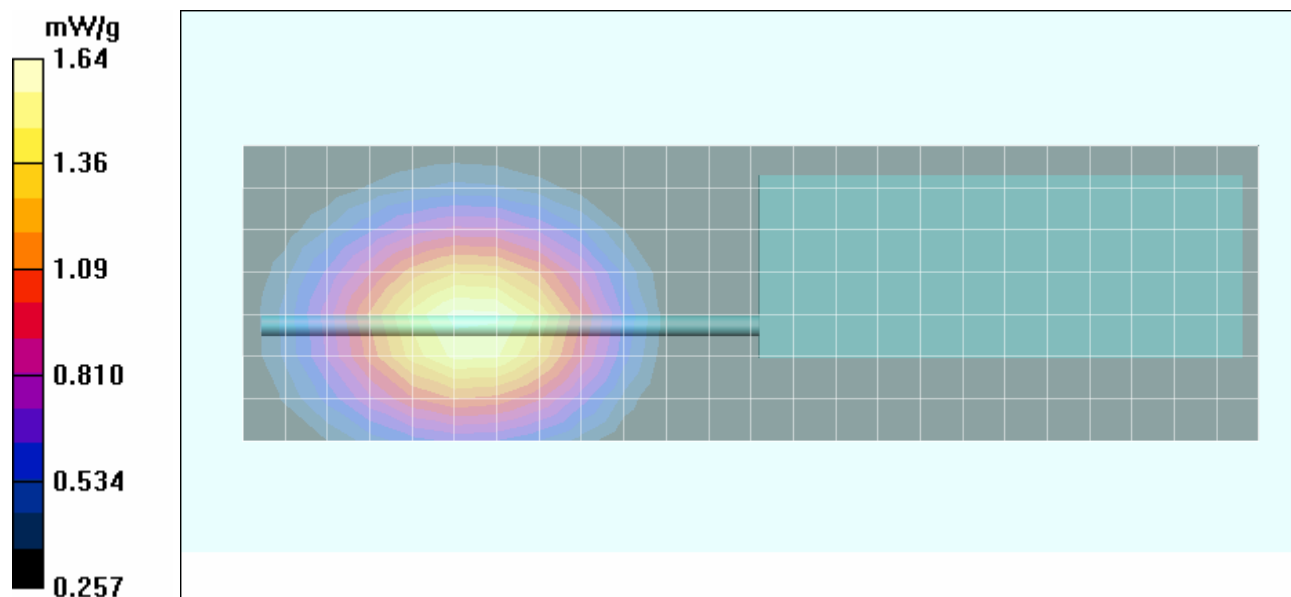
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 42.0 V/m; Power Drift = 0.0394 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 1.17 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093
			IC RSS-102

Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.58 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = 0.209 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.50 mW/g; SAR(10 g) = 1.09 mW/g

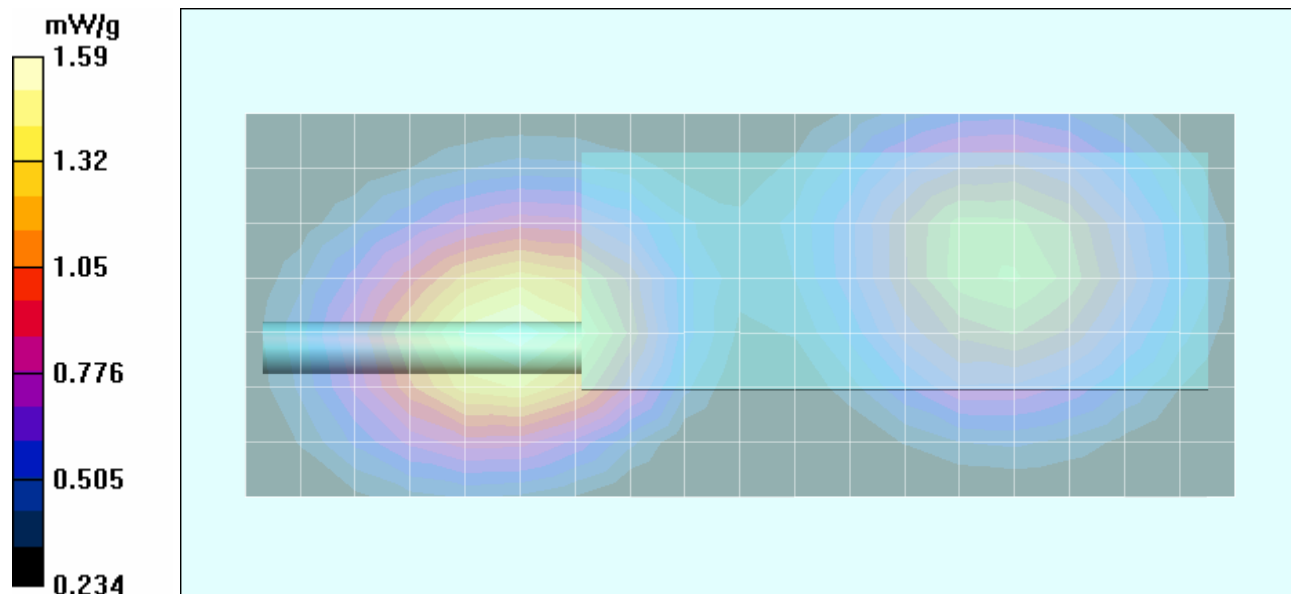
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = 0.209 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.779 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						225 of 336

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30 %

Communication System: FM

RF Output Power: 34.92 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

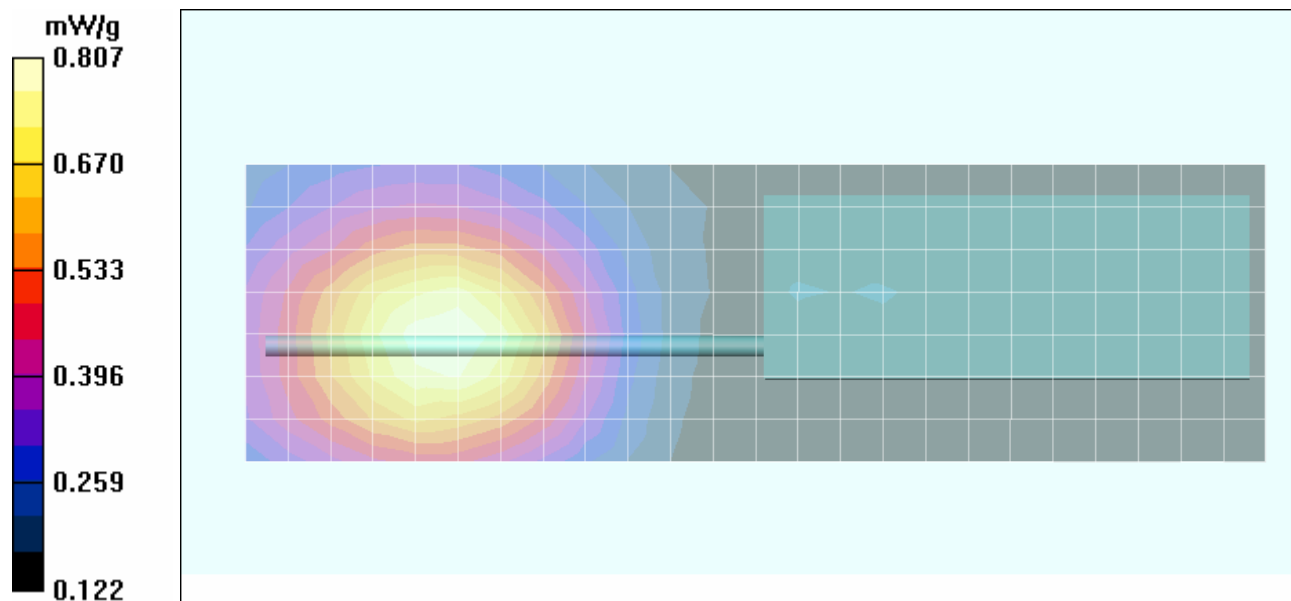
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.69 V/m; Power Drift = 0.211 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.561 mW/g



Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon Case (P/N: KRY 101 1648/1) & Leather Belt-Loop (P/N: KRY 101 1609/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30 %

Communication System: FM

RF Output Power: 34.88 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

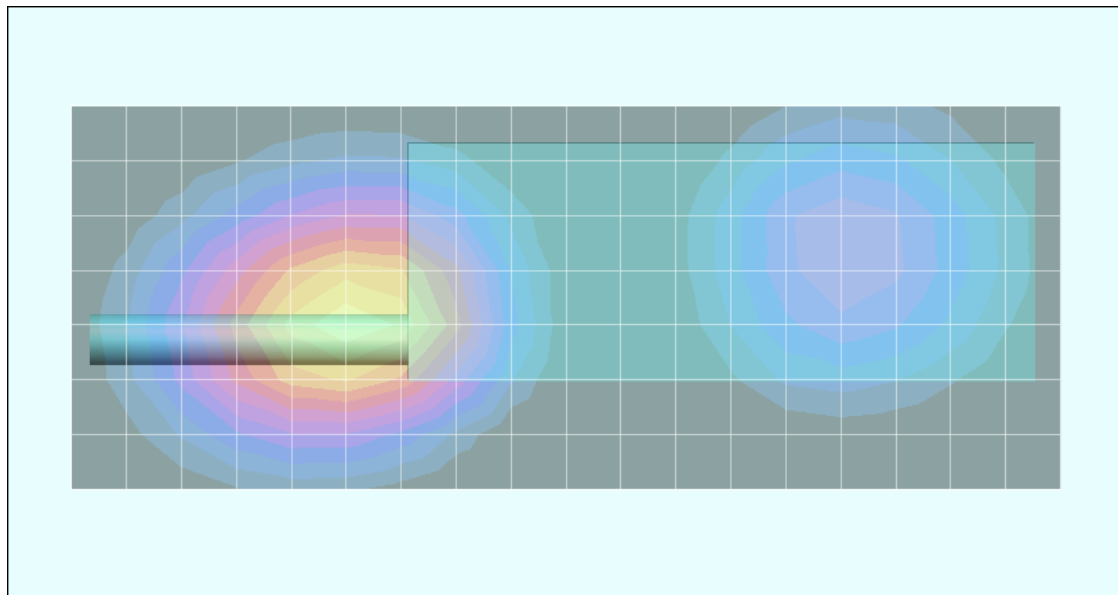
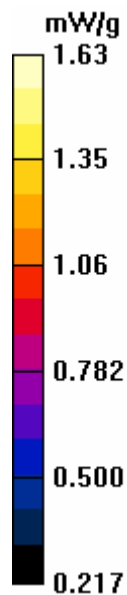
Body-Worn - 4.0 cm Nylon Case & Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 38.2 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 1.12 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

BODY-WORN with System Radio (Model No.: MAHROS0050)

Body-worn Accessories: Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (KRY 101 1608/2)

Audio Accessory: Speaker-Microphone (P/N: KRY 101 1617/183)

Date Tested: 08/03/2005

Body-Worn SAR - 766.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.06 dBm (Conducted)

Frequency: 766.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M767 ($\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

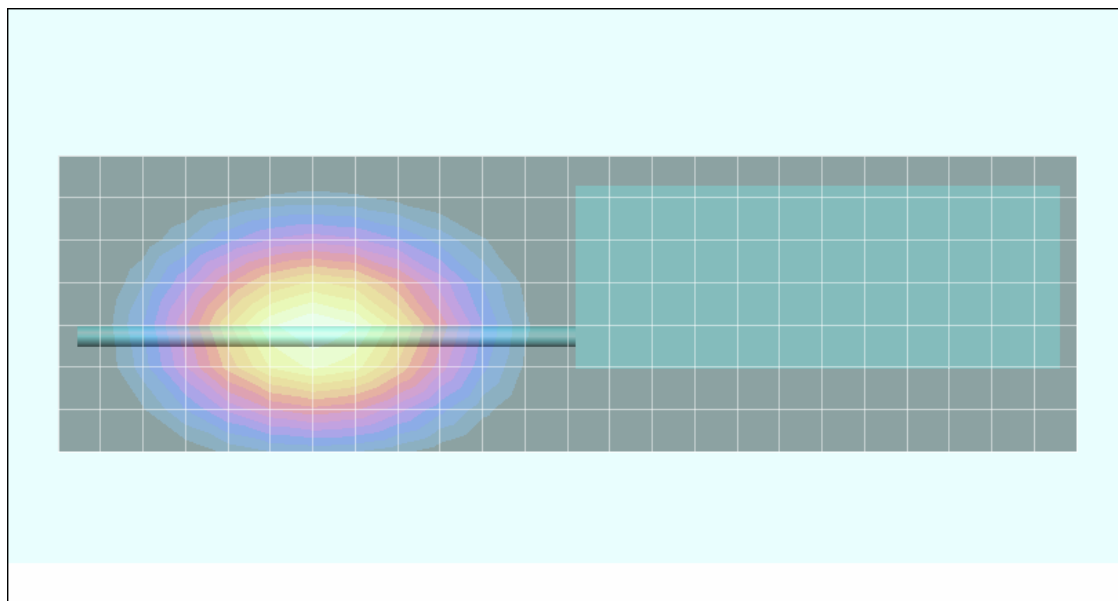
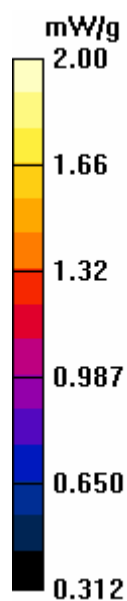
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.92 mW/g; SAR(10 g) = 1.39 mW/g



Date Tested: 08/03/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 33.99 dBm (Conducted)

Frequency: 766.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M767 ($\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

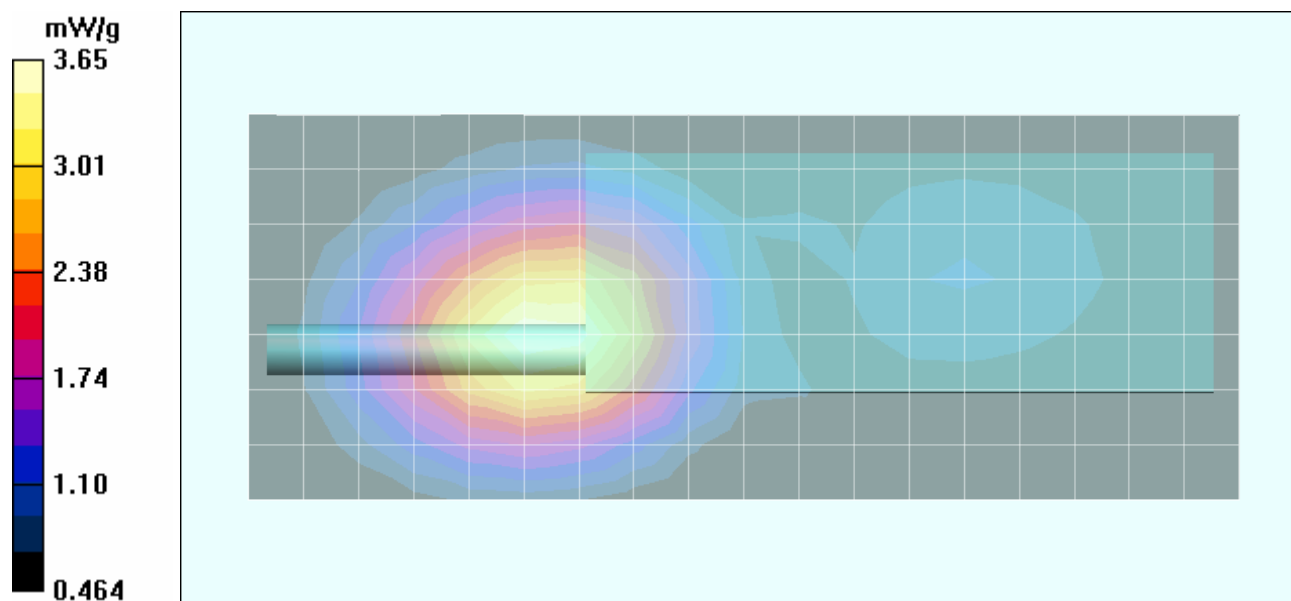
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 53.7 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 3.50 mW/g; SAR(10 g) = 2.48 mW/g



Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.10 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M797 ($\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

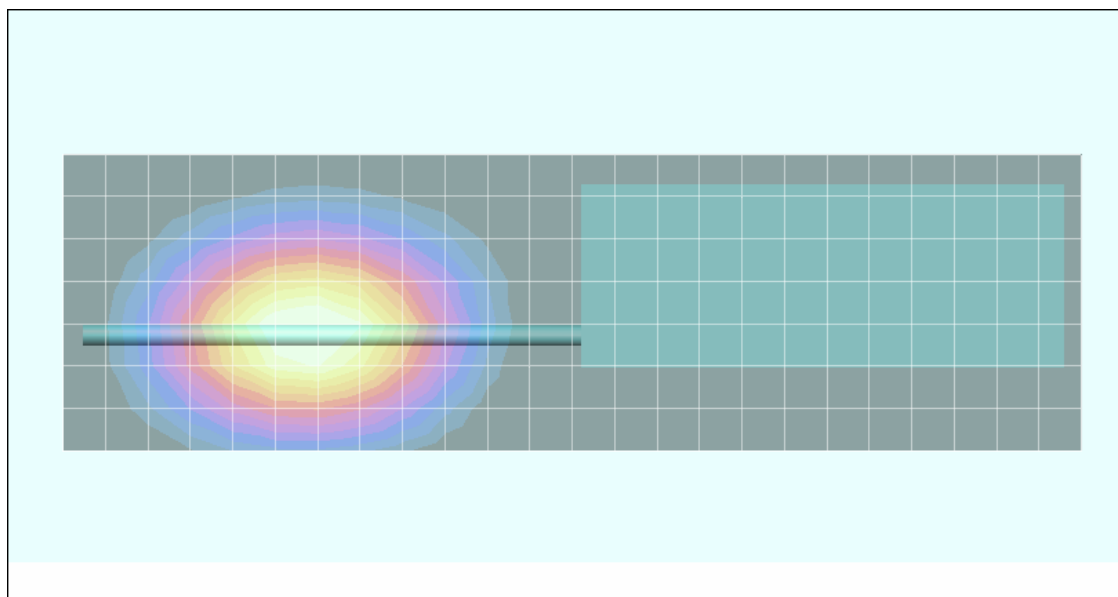
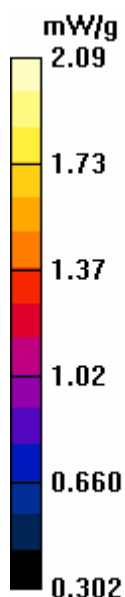
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.0804 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 2.00 mW/g; SAR(10 g) = 1.43 mW/g



Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.04 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

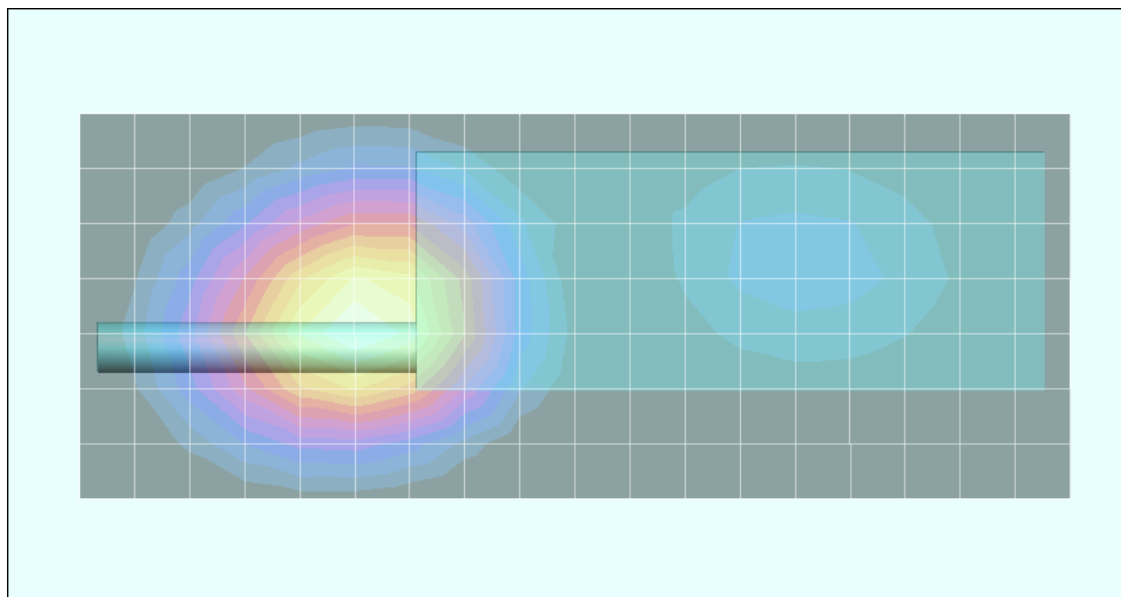
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 50.3 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 4.70 W/kg

SAR(1 g) = 3.10 mW/g; SAR(10 g) = 2.17 mW/g



Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.56 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

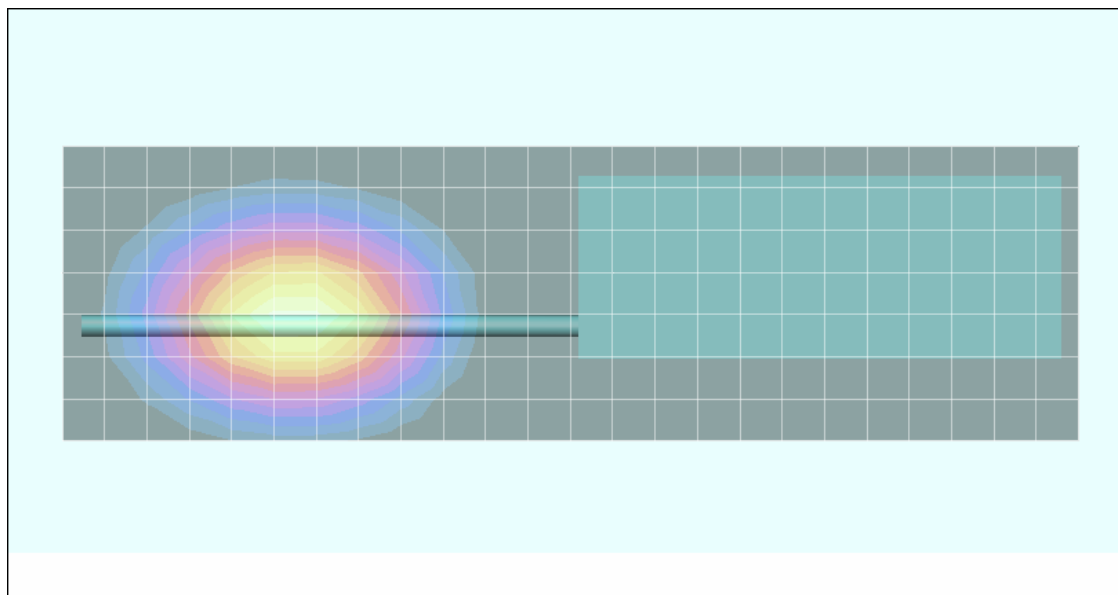
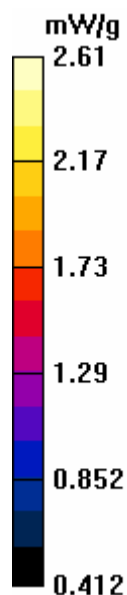
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.0839 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.83 mW/g



Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.61 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm g

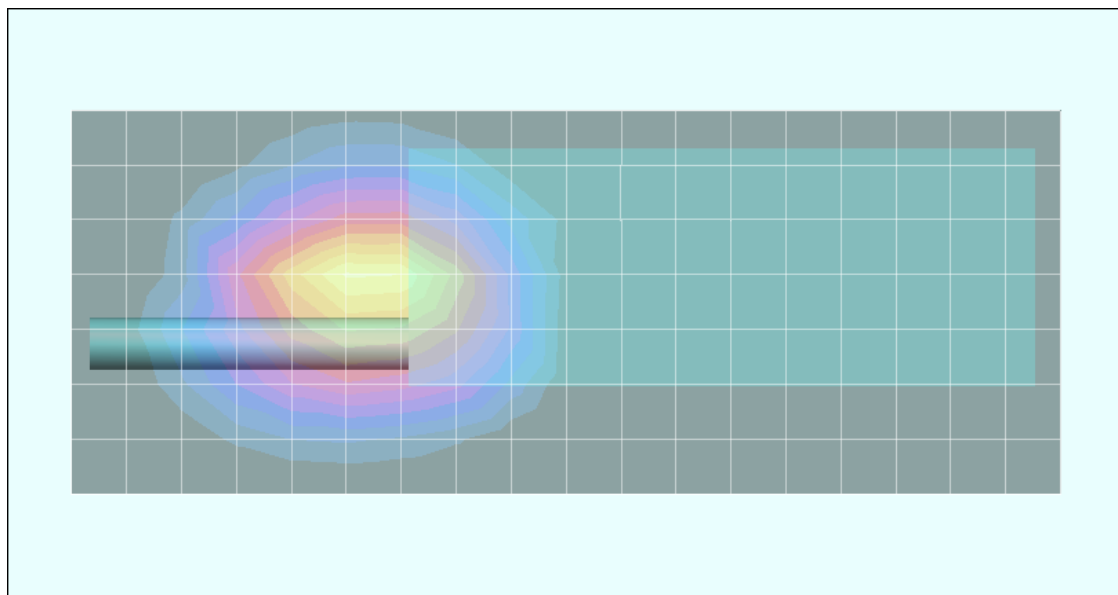
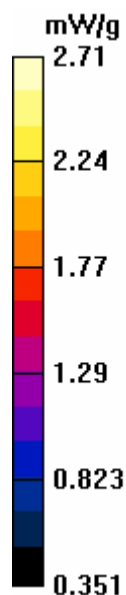
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 49.7 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.83 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.93 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x25x1):

Measurement grid: dx=15mm, dy=15mm

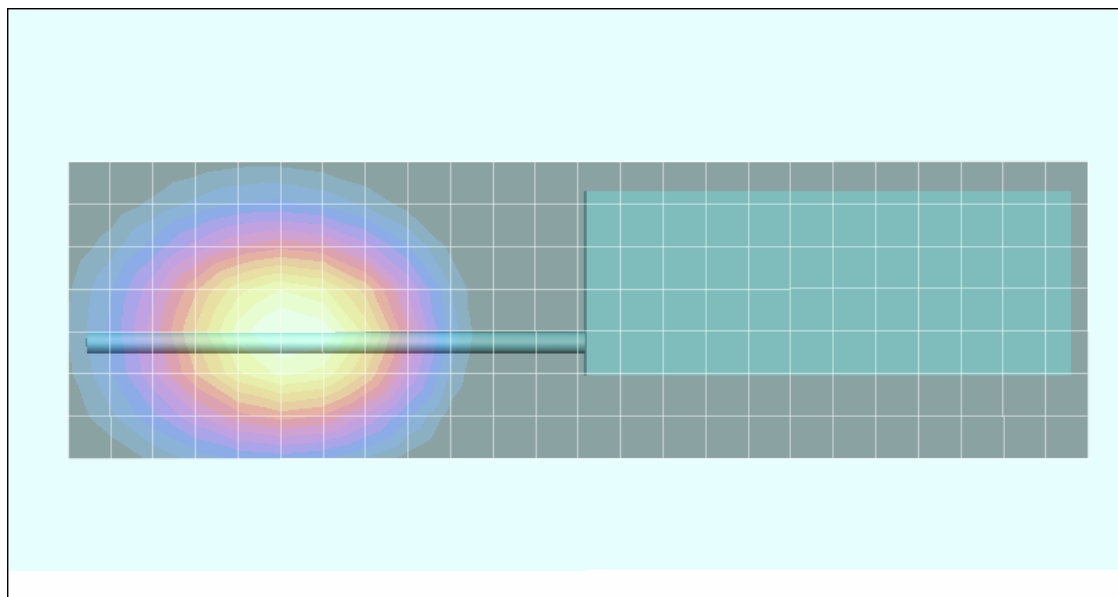
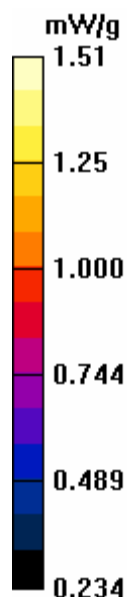
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.34 V/m; Power Drift = 0.274 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 1.07 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						235 of 336

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Leather Belt-Loop (P/N: KRY 101 1609/1) & Swivel-Mount (P/N: KRY 101 1608/2)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 35.03 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

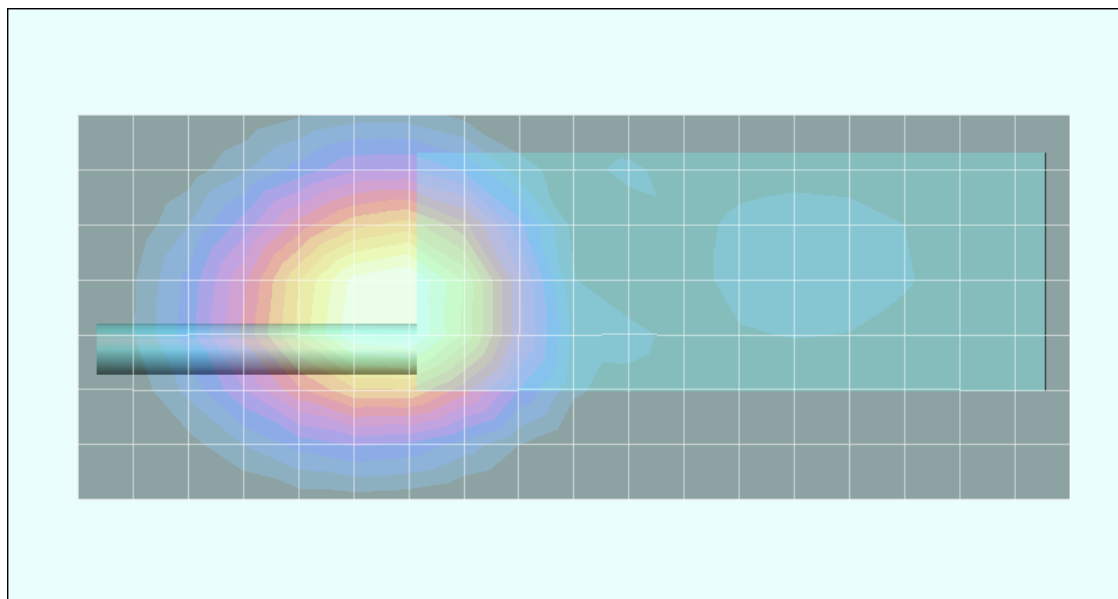
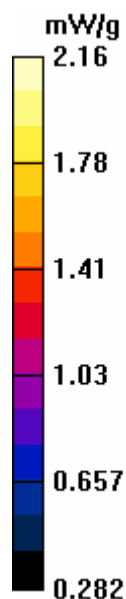
Body-Worn - 3.3 cm Belt-Loop Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 44.7 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 2.04 mW/g; SAR(10 g) = 1.47 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						236 of 336

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

BODY-WORN with System Radio (Model No.: MAHROS0050)

Body-worn Accessory: Nylon "T" Strap Holder (P/N: KRY 101 1656/1)

Audio Accessory: Speaker-Microphone (P/N: KRY 101 1617/183)

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093
			IC RSS-102

Date Tested: 08/03/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon "T" Strap Holder (P/N: KRY 101 1656/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.28 dBm (Conducted)

Frequency: 766.9875 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M767 ($\sigma = 0.92$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.3 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 7.41 W/kg

SAR(1 g) = 4.76 mW/g; SAR(10 g) = 3.24 mW/g

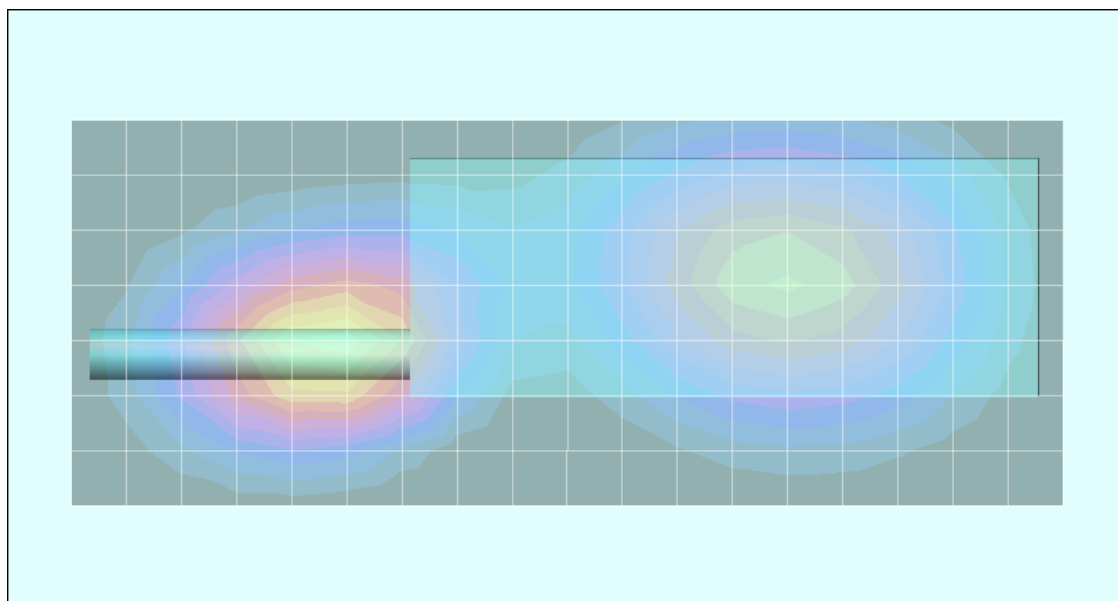
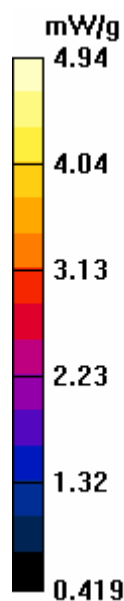
Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 54.3 V/m; Power Drift = 0.140 dB

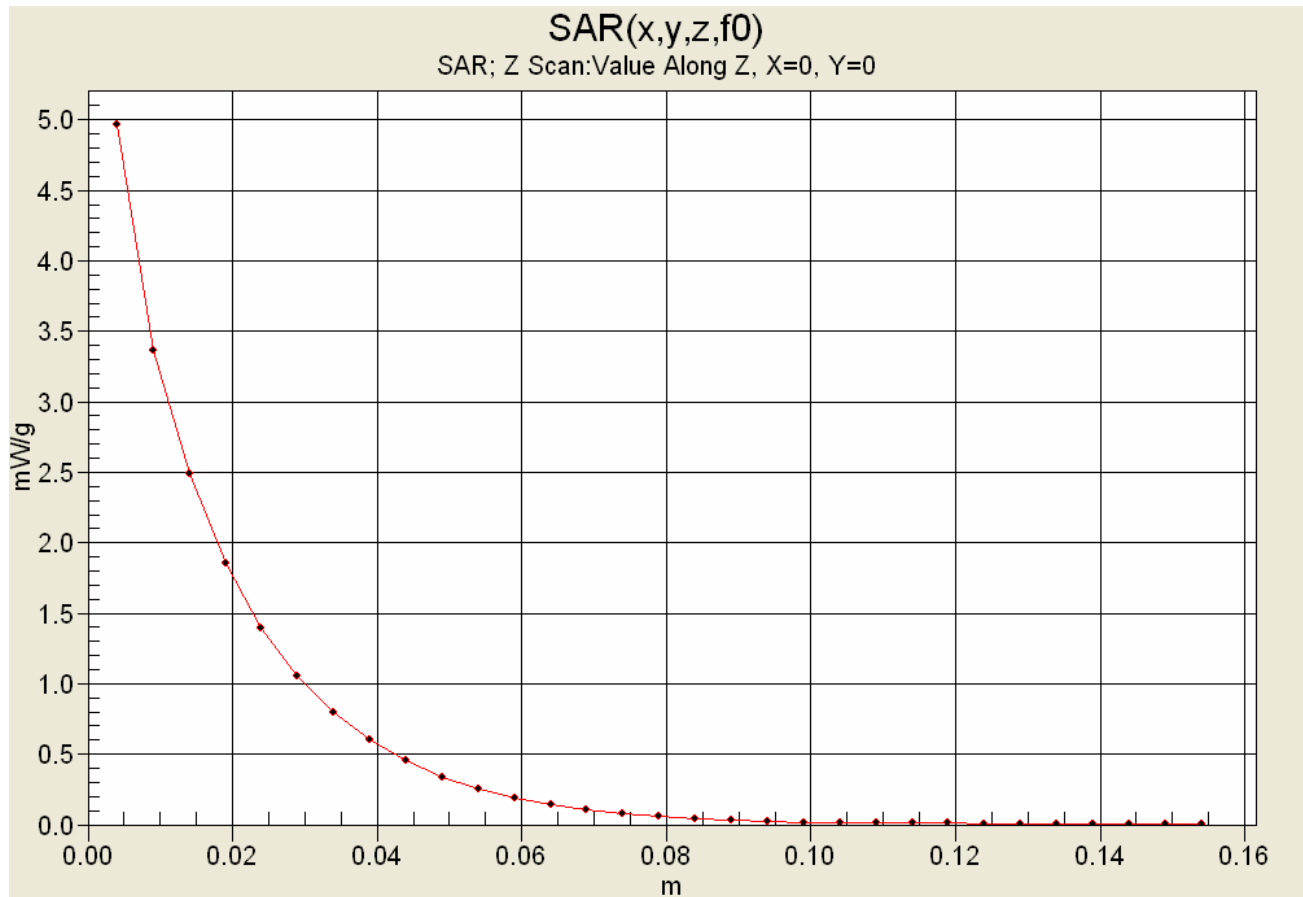
Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 3.61 mW/g; SAR(10 g) = 2.65 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						238 of 336

Z-Axis Scan



Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon "T" Strap Holder (P/N: KRY 101 1656/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM

RF Output Power: 34.02 dBm (Conducted)

Frequency: 796.9875 MHz; Duty Cycle: 1:1

NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)

Medium: M797 ($\sigma = 0.94$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Planar; Type: Plexiglas; Serial: 161

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

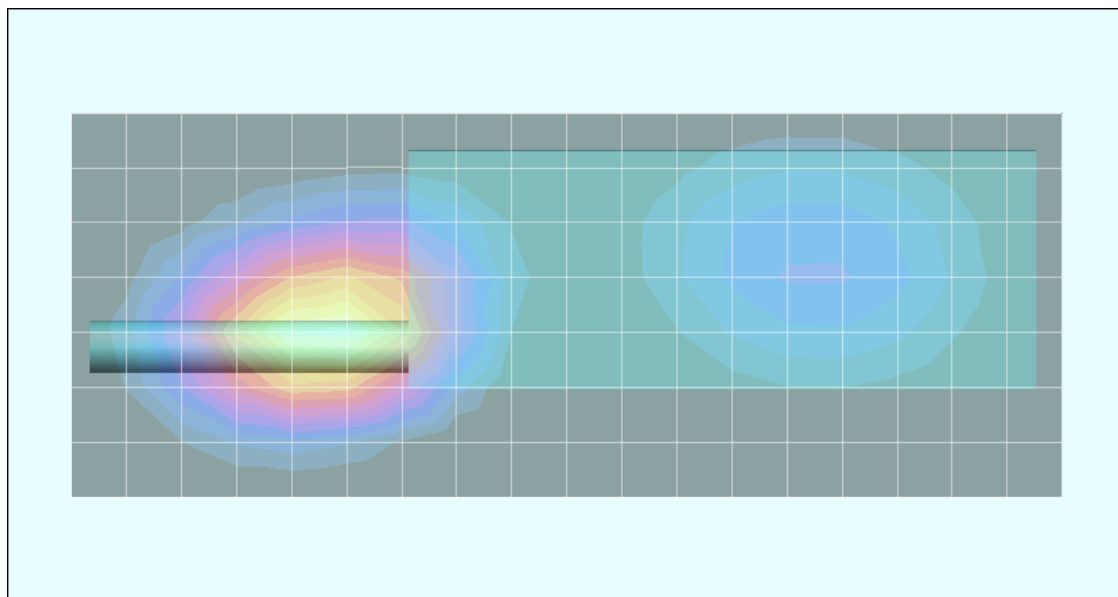
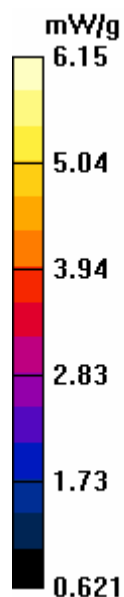
Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 60.7 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 9.13 W/kg

SAR(1 g) = 5.85 mW/g; SAR(10 g) = 3.94 mW/g



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 07/25/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon "T" Strap Holder (P/N: KRY 101 1656/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.6 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.61 dBm (Conducted)

Frequency: 815.0000 MHz; Duty Cycle: 1:1

NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)

Medium: M815 ($\sigma = 0.96$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

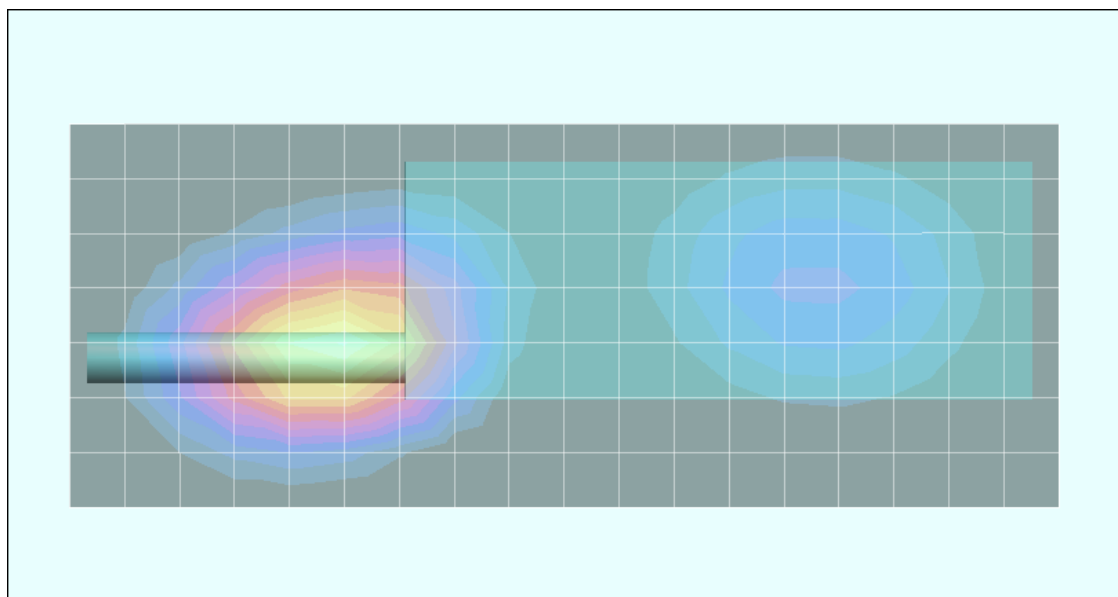
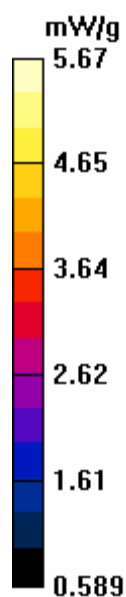
Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 60.7 V/m; Power Drift = 0.0932 dB

Peak SAR (extrapolated) = 7.05 W/kg

SAR(1 g) = 5.33 mW/g; SAR(10 g) = 3.73 mW/g



Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						241 of 336

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

Date Tested: 08/02/2005

Body-Worn SAR - 860.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Nylon "T" Strap Holder (P/N: KRY 101 1656/1)

Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 23.9 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM

RF Output Power: 34.86 dBm (Conducted)

Frequency: 860.0000 MHz; Duty Cycle: 1:1

NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)

Medium: M860 ($\sigma = 1.00 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Area Scan (8x19x1):

Measurement grid: dx=15mm, dy=15mm

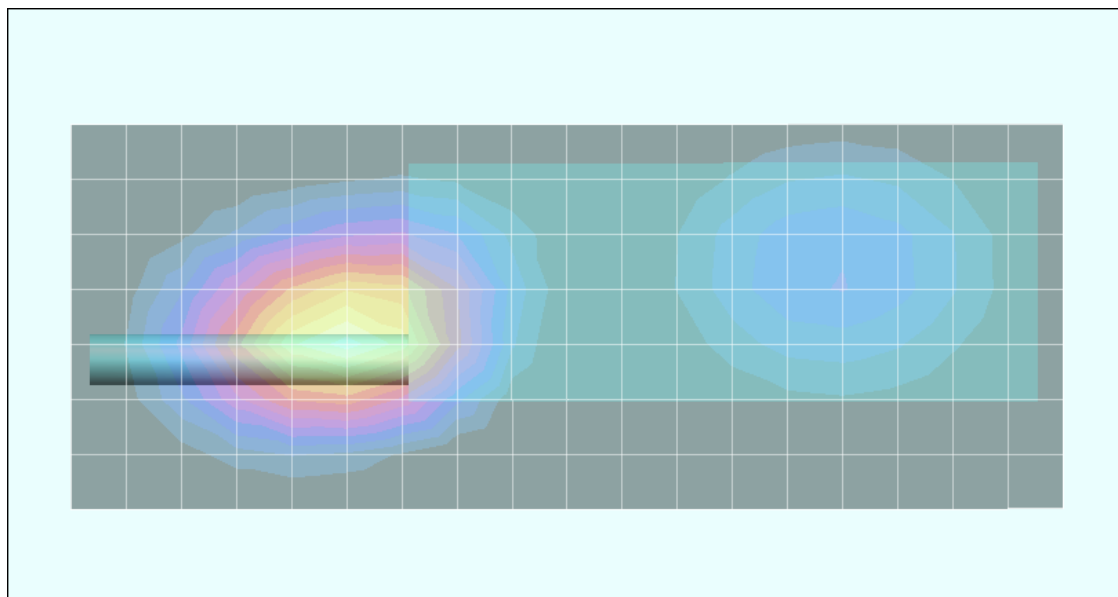
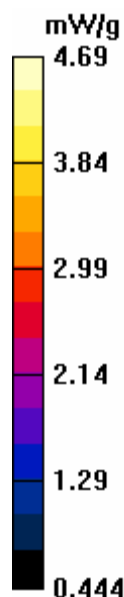
Body-Worn - 1.6 cm Nylon "T" Strap Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

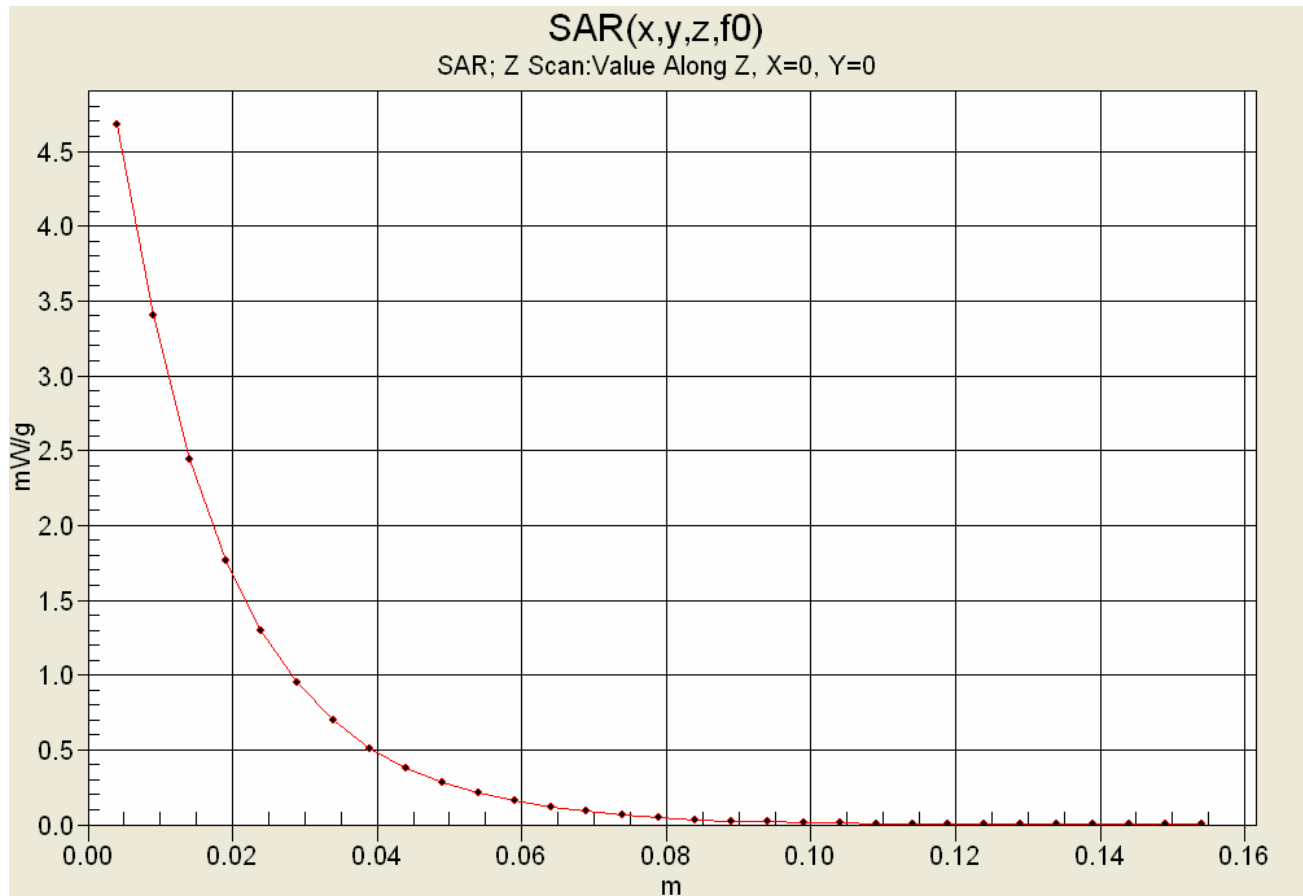
Reference Value = 58.6 V/m; Power Drift = -0.0386 dB

Peak SAR (extrapolated) = 5.86 W/kg

SAR(1 g) = 4.37 mW/g; SAR(10 g) = 3.02 mW/g



Z-Axis Scan



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

APPENDIX B - SYSTEM PERFORMANCE CHECK DATA

Applicant:	M/A-COM, Inc.	Model:	P7200	FCC ID:	BV8P7200	IC ID:	3670A-P7200	
DUT Type:	Portable FM PTT Radio Transceiver			764-776MHz / 794-806MHz / 806-824MHz / 851-869MHz				
2005 Celltech Labs Inc.		This document is not to be reproduced in whole or in part without the prior written permission of Celltech Labs Inc.						244 of 336

Date Tested: 07/19/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.3 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.89$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

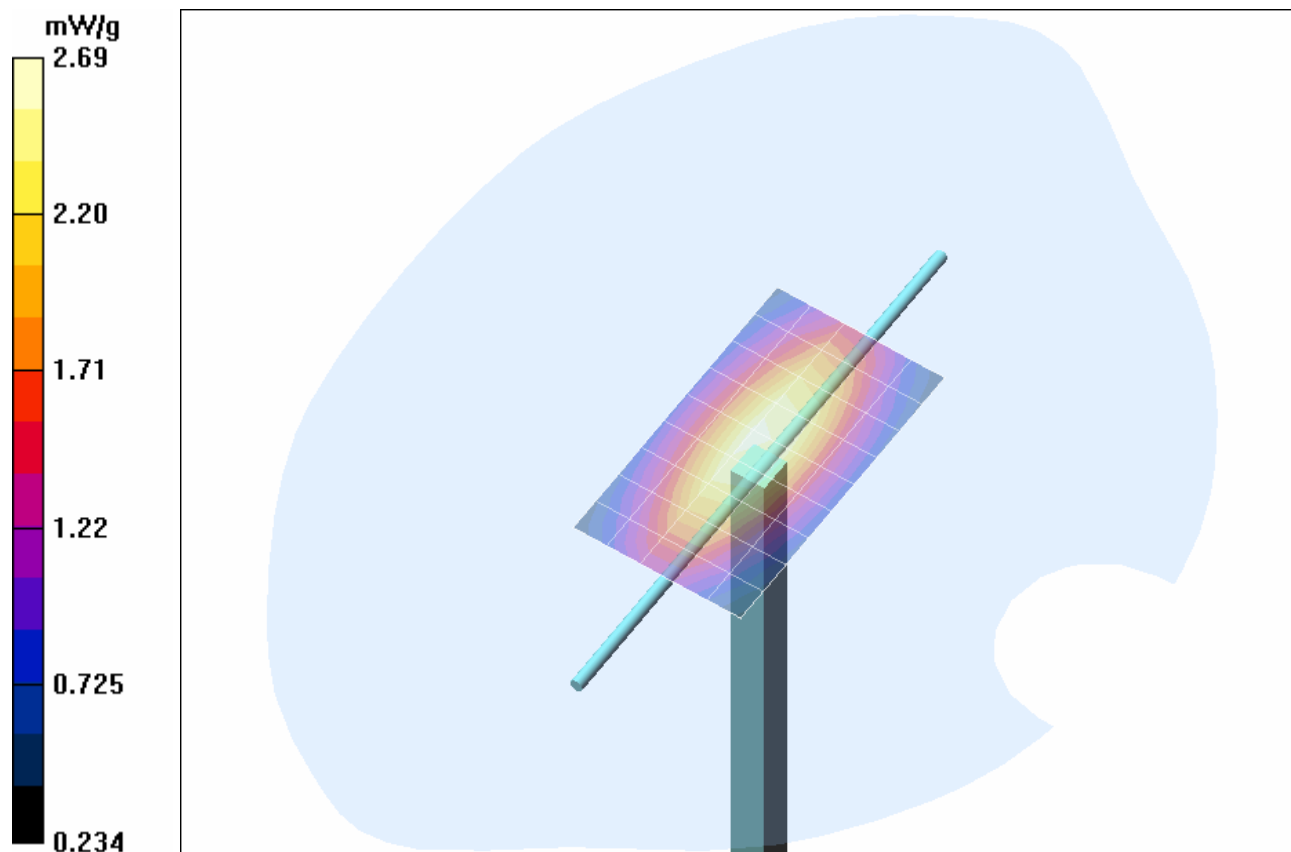
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

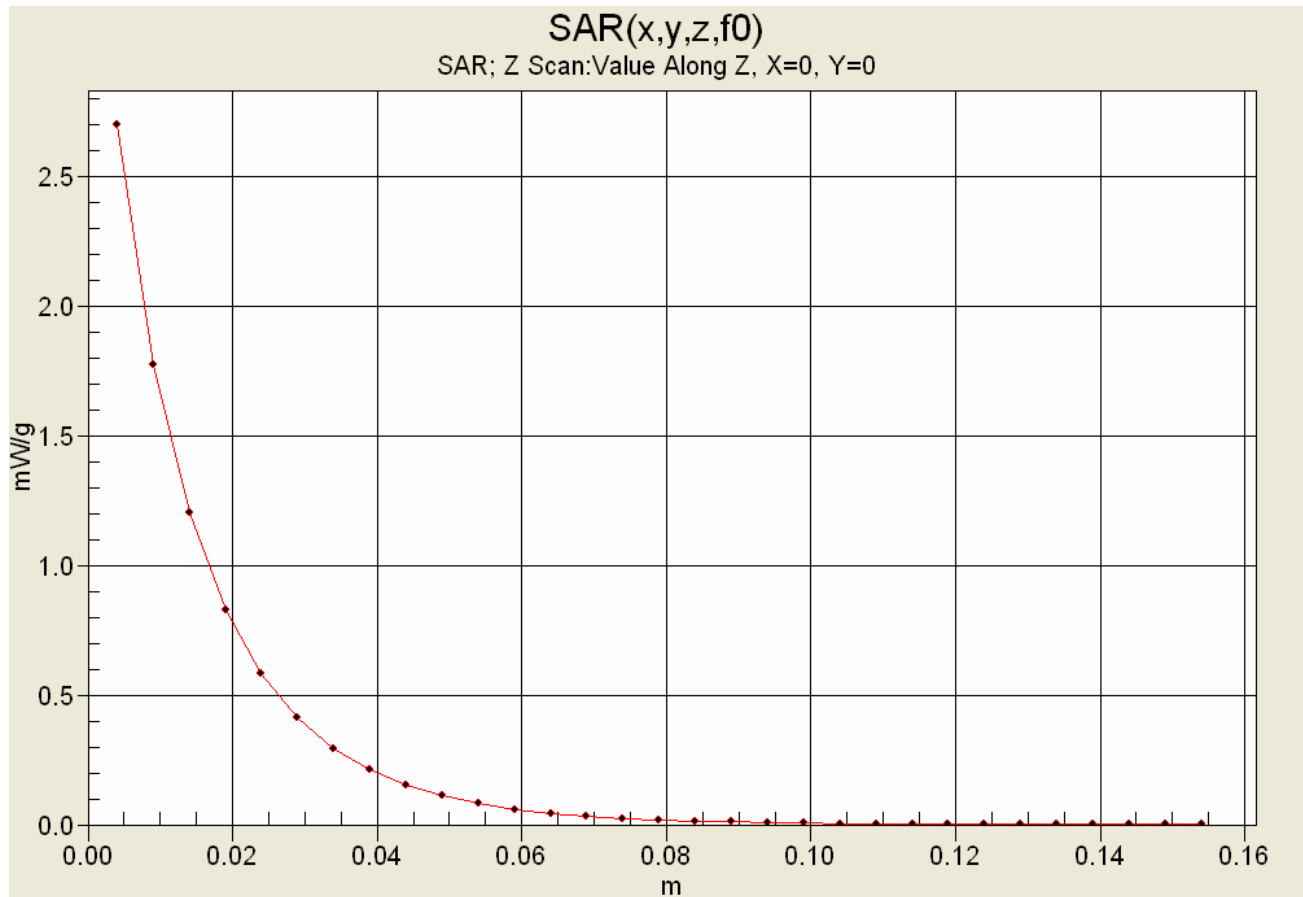
Reference Value = 57.2 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 3.81 W/kg

SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.61 mW/g



Z-Axis Scan



Date Tested: 07/20/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.9 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.90$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

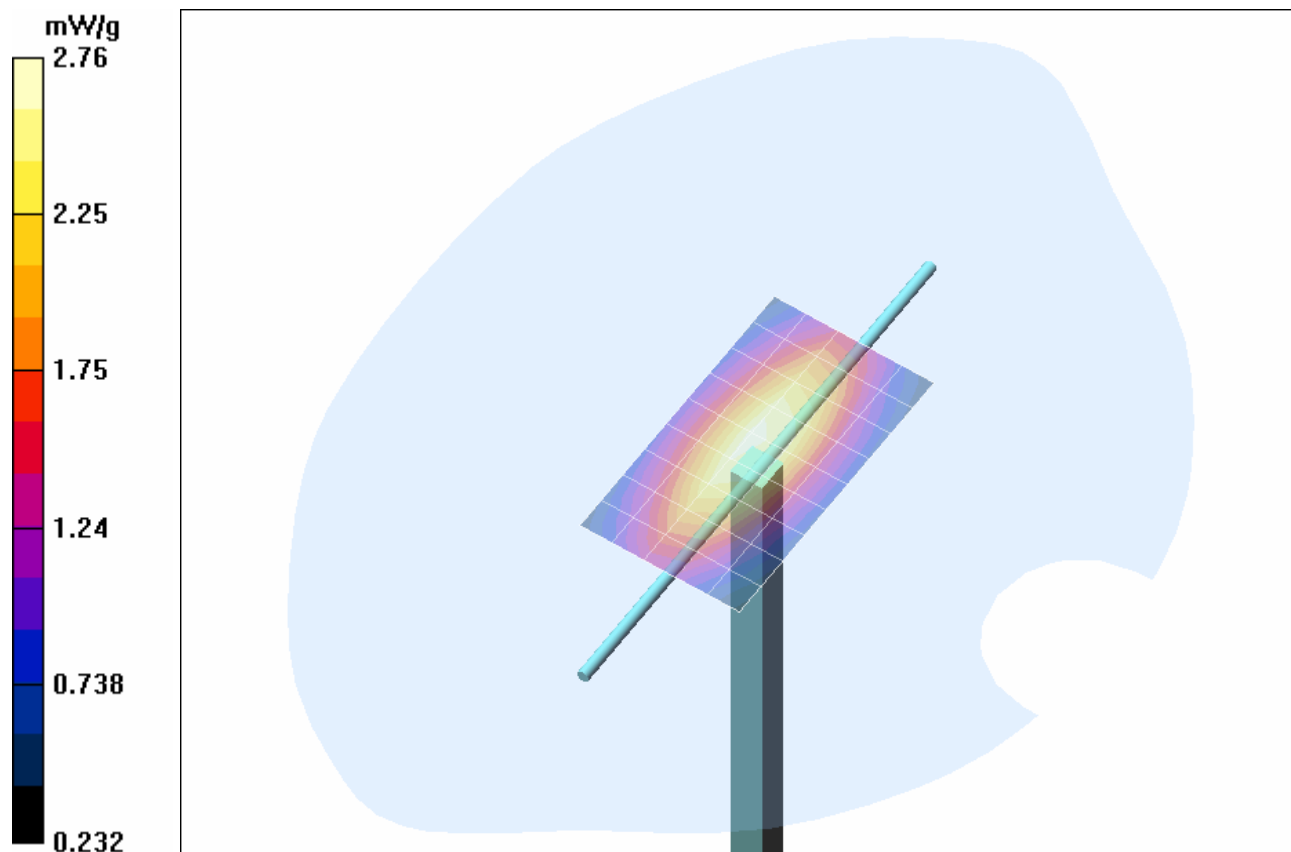
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

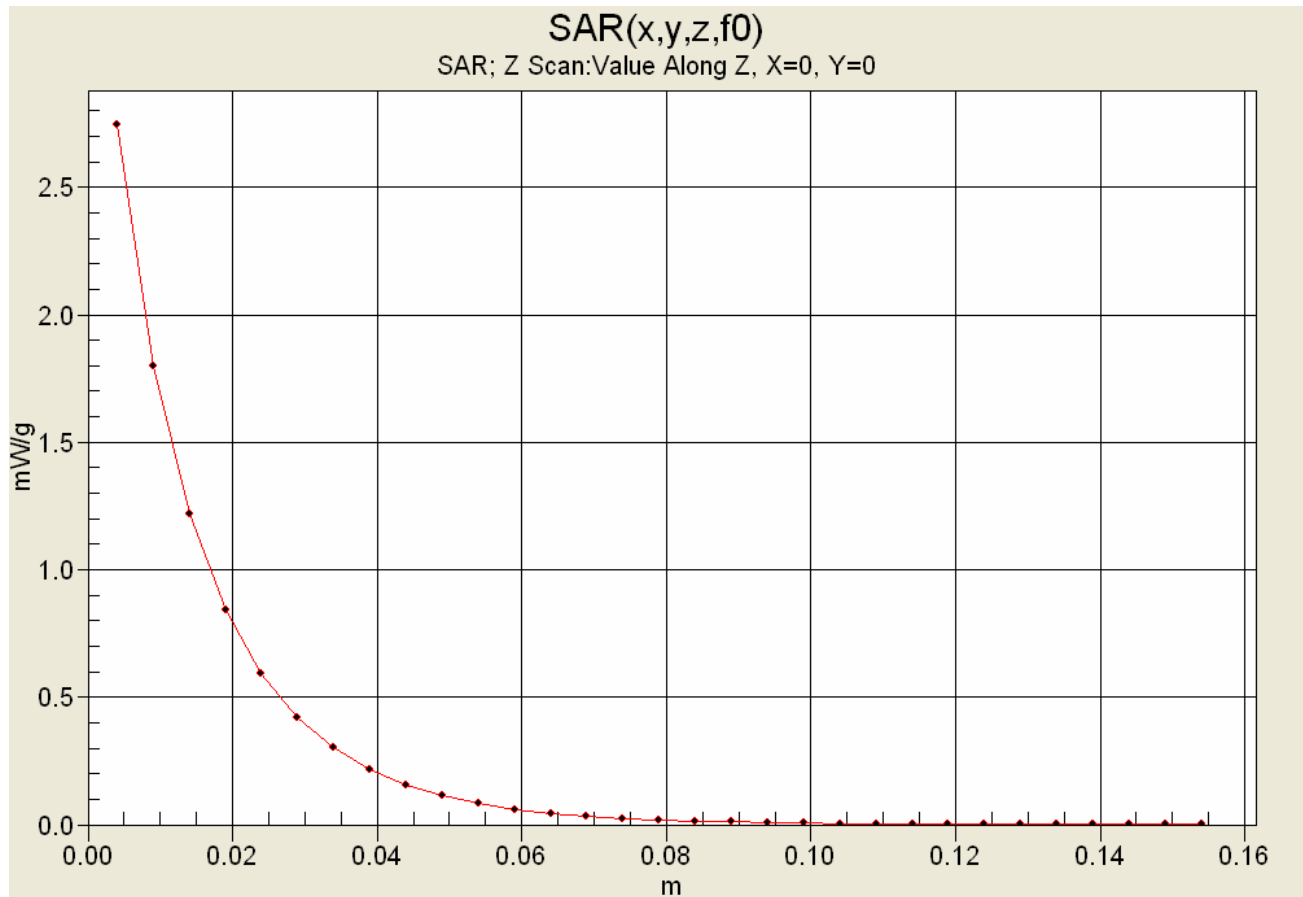
Reference Value = 57.4 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 3.98 W/kg

SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.65 mW/g



Z-Axis Scan



Date Tested: 07/21/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.2 °C; Fluid Temp: 22.6 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: CW

Forward Conducted: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.91$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

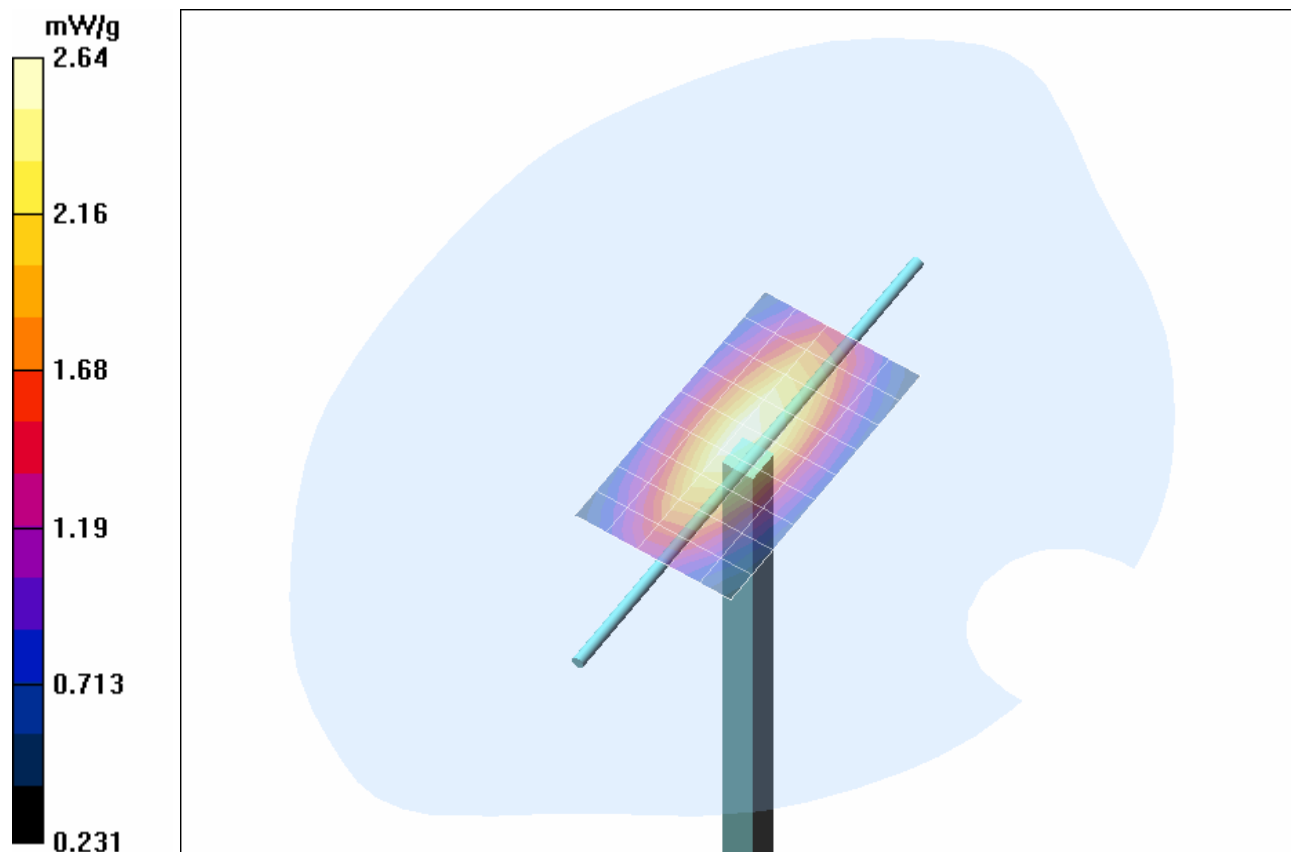
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

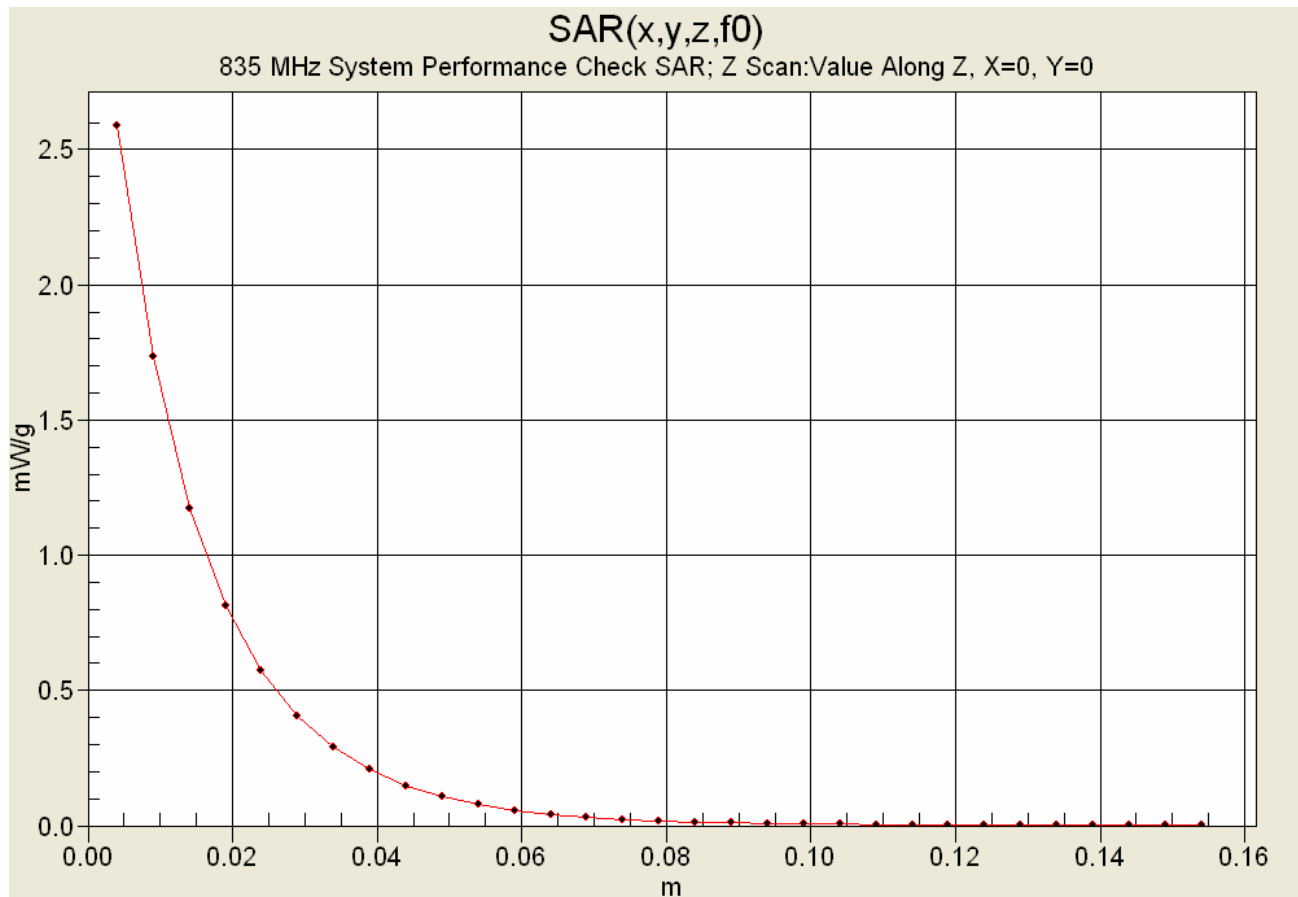
Reference Value = 56.5 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.59 mW/g



Z-Axis Scan



Date Tested: 07/22/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.2 °C; Fluid Temp: 21.9 °C; Barometric Pressure: 101.9 kPa; Humidity: 31%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.91$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

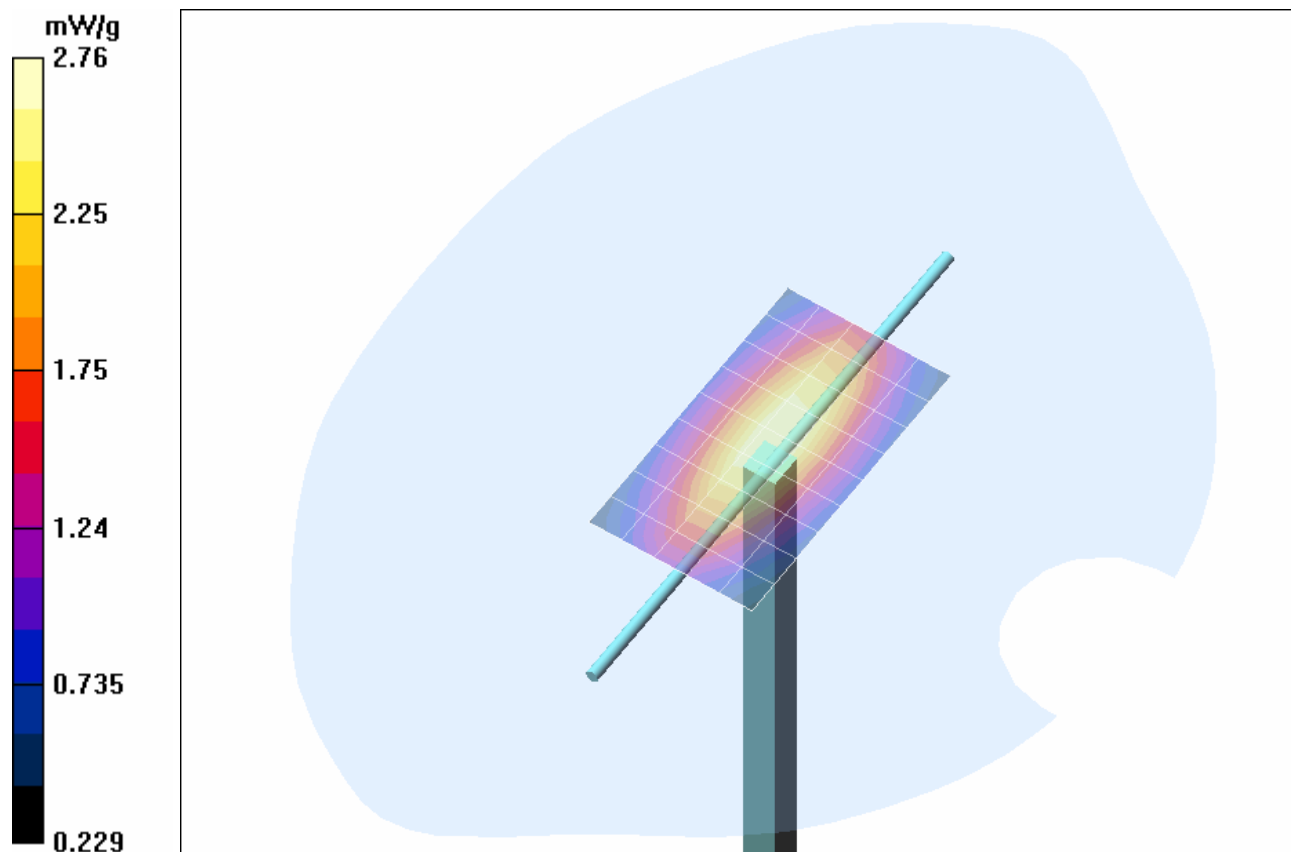
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

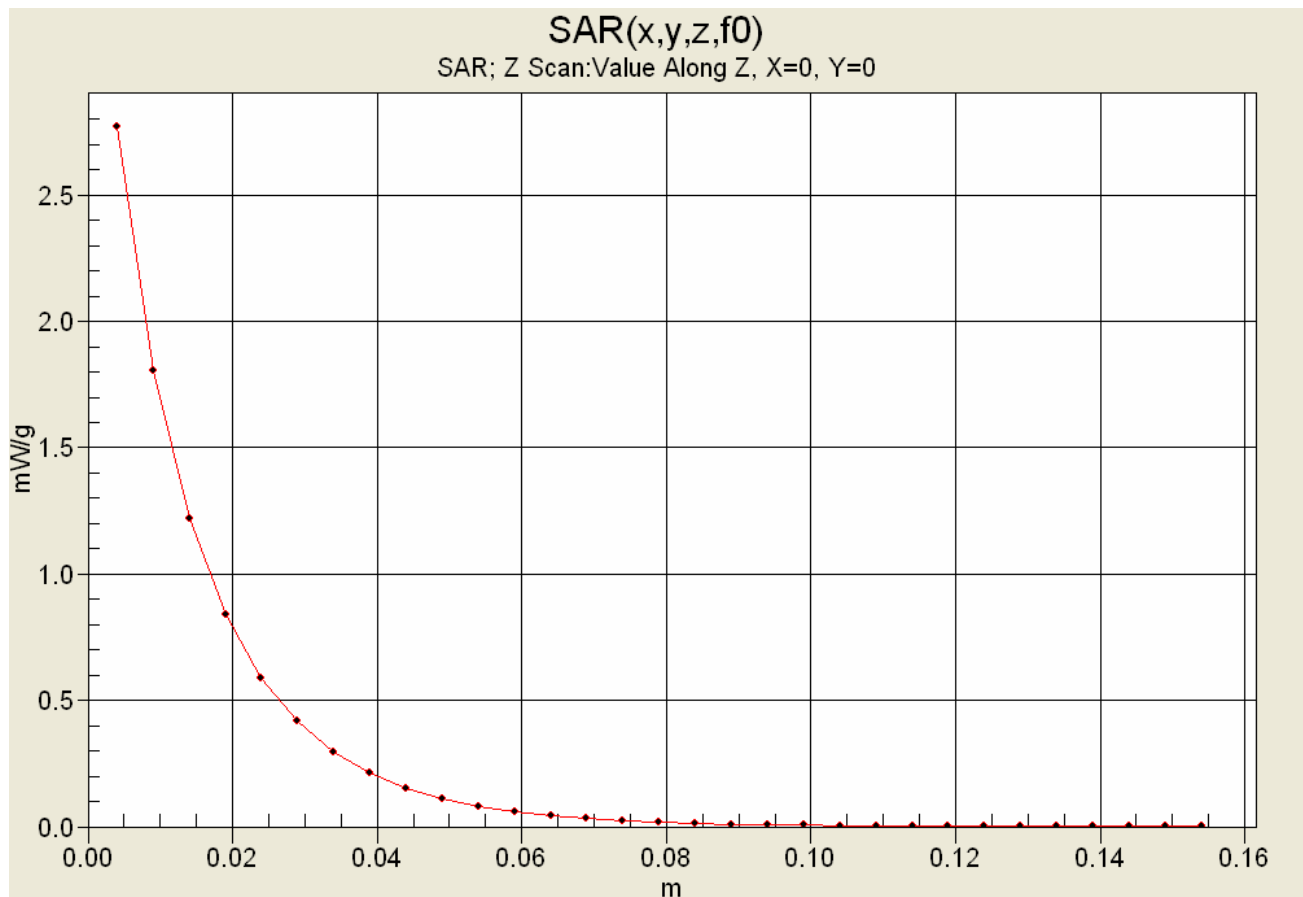
Reference Value = 56.5 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.64 mW/g



Z-Axis Scan



Date Tested: 07/25/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 24.0 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.90$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

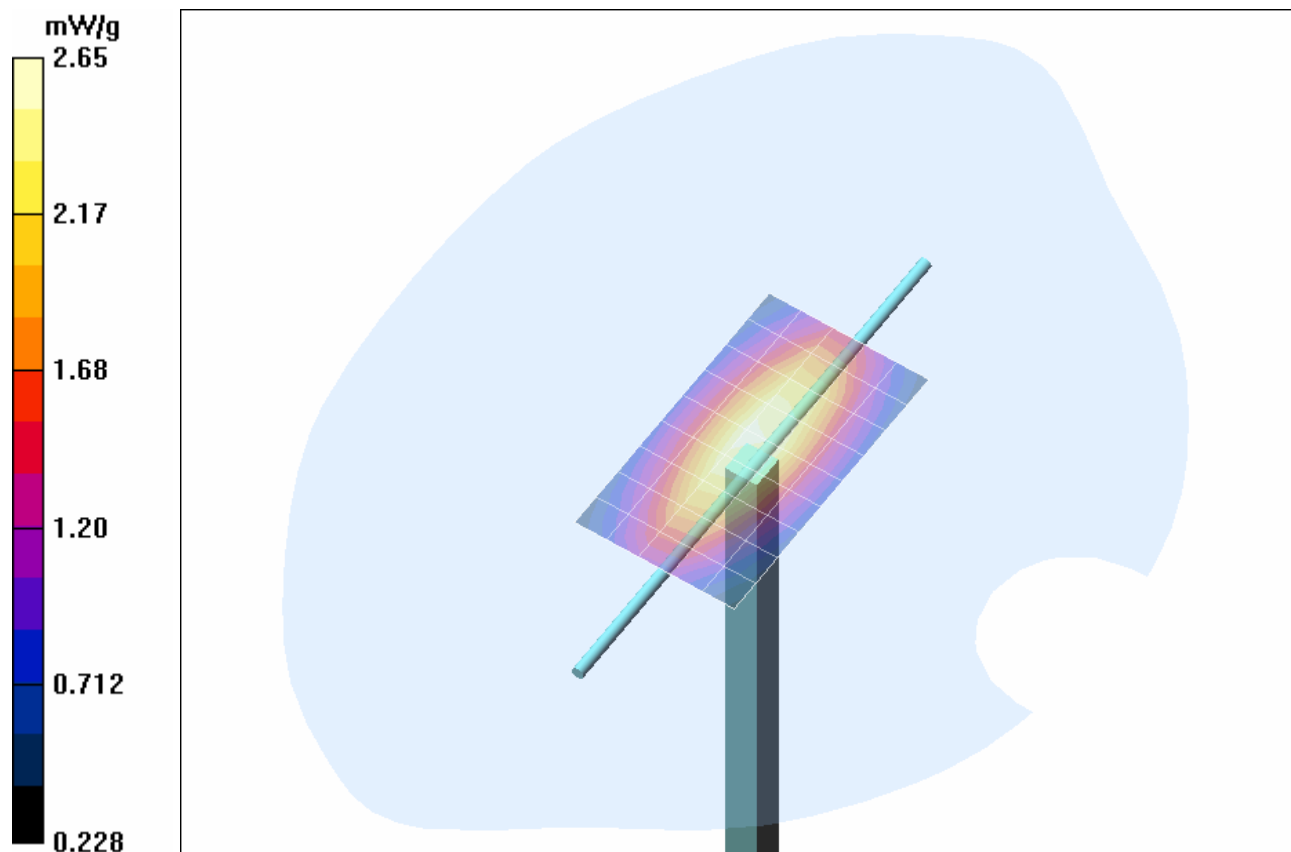
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

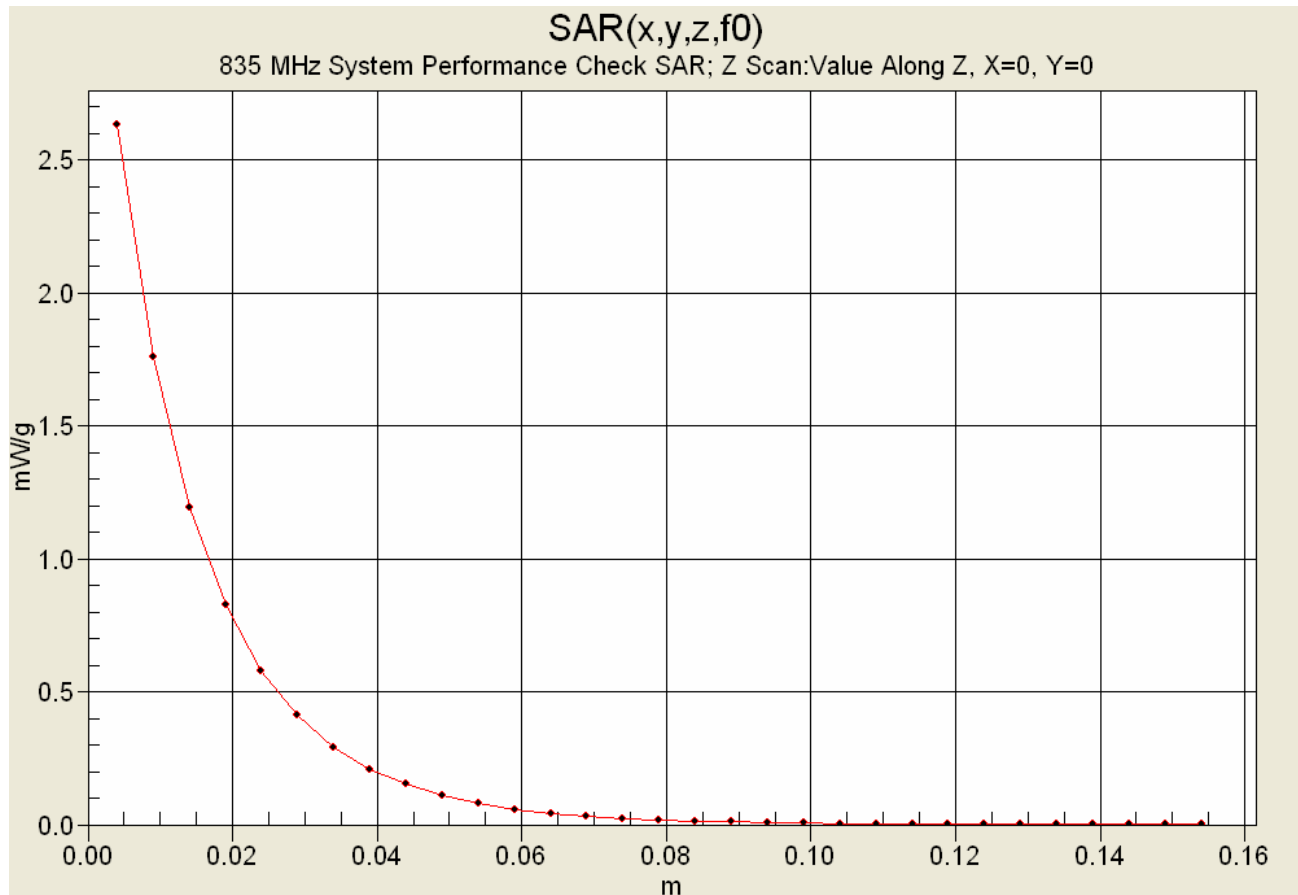
Reference Value = 56.8 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.59 mW/g



Z-Axis Scan



Date Tested: 07/26/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 24.6 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.0 kPa; Humidity: 31%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.91$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

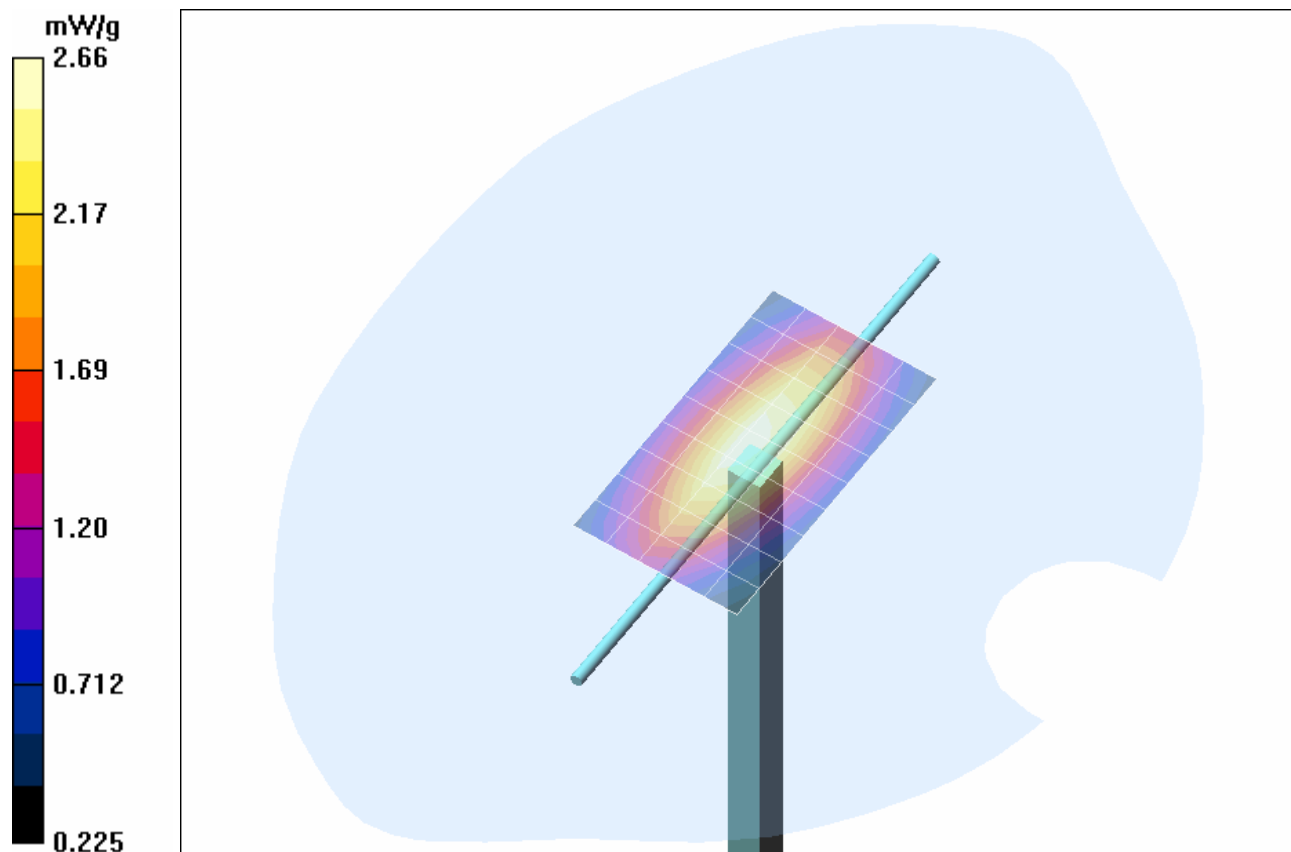
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

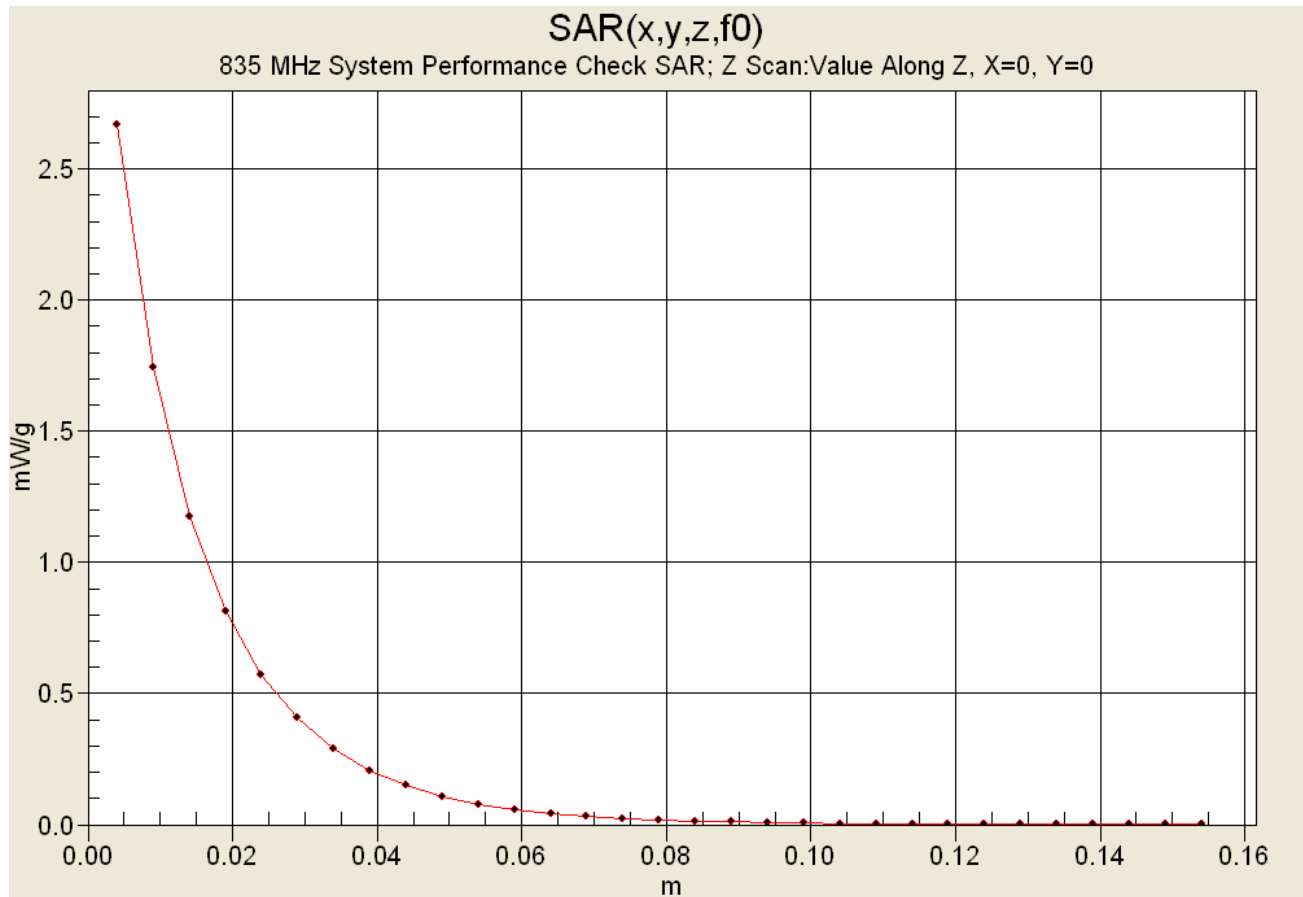
Reference Value = 56.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.59 mW/g



Z-Axis Scan



Date Tested: 07/27/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 24.4 °C; Fluid Temp: 22.4 °C; Barometric Pressure: 101.6 kPa; Humidity: 32%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.92$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

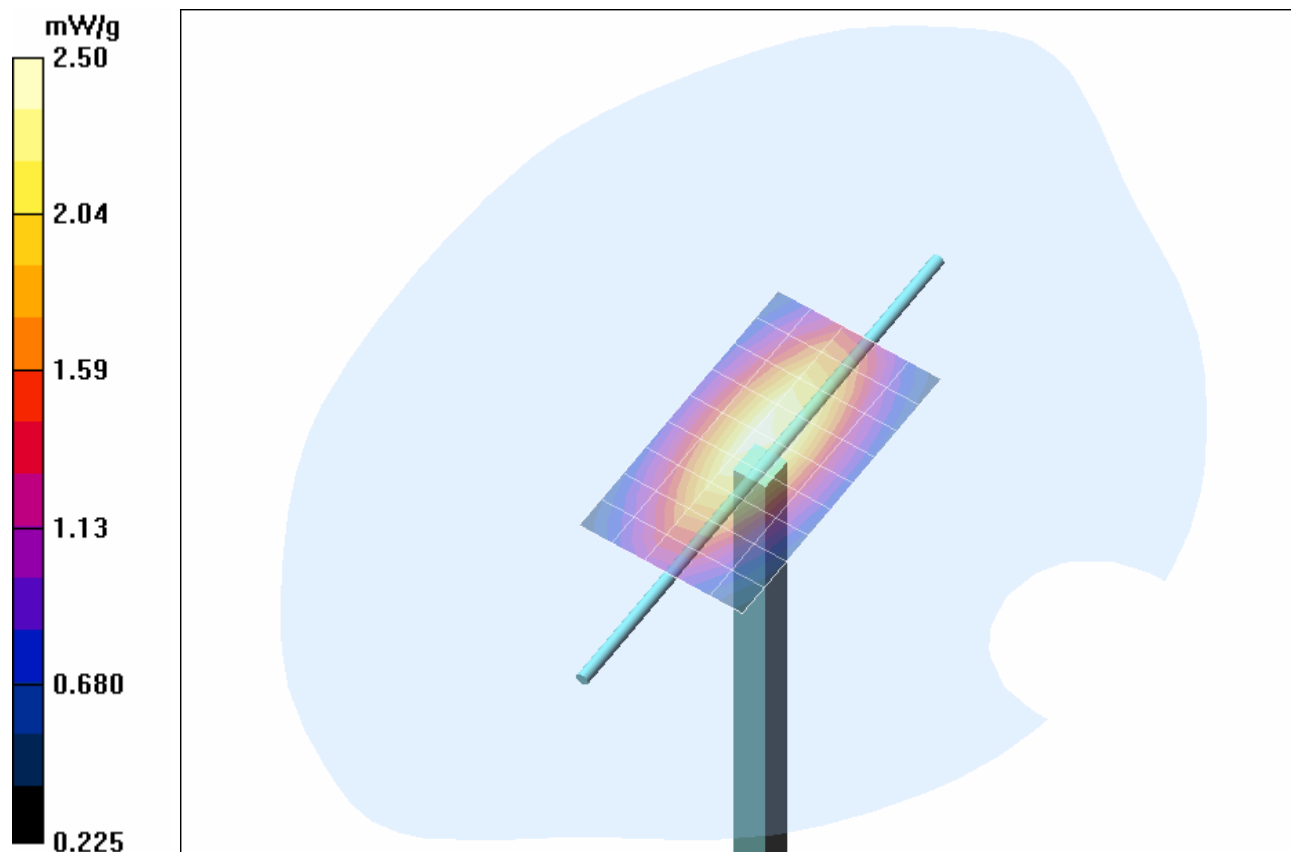
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

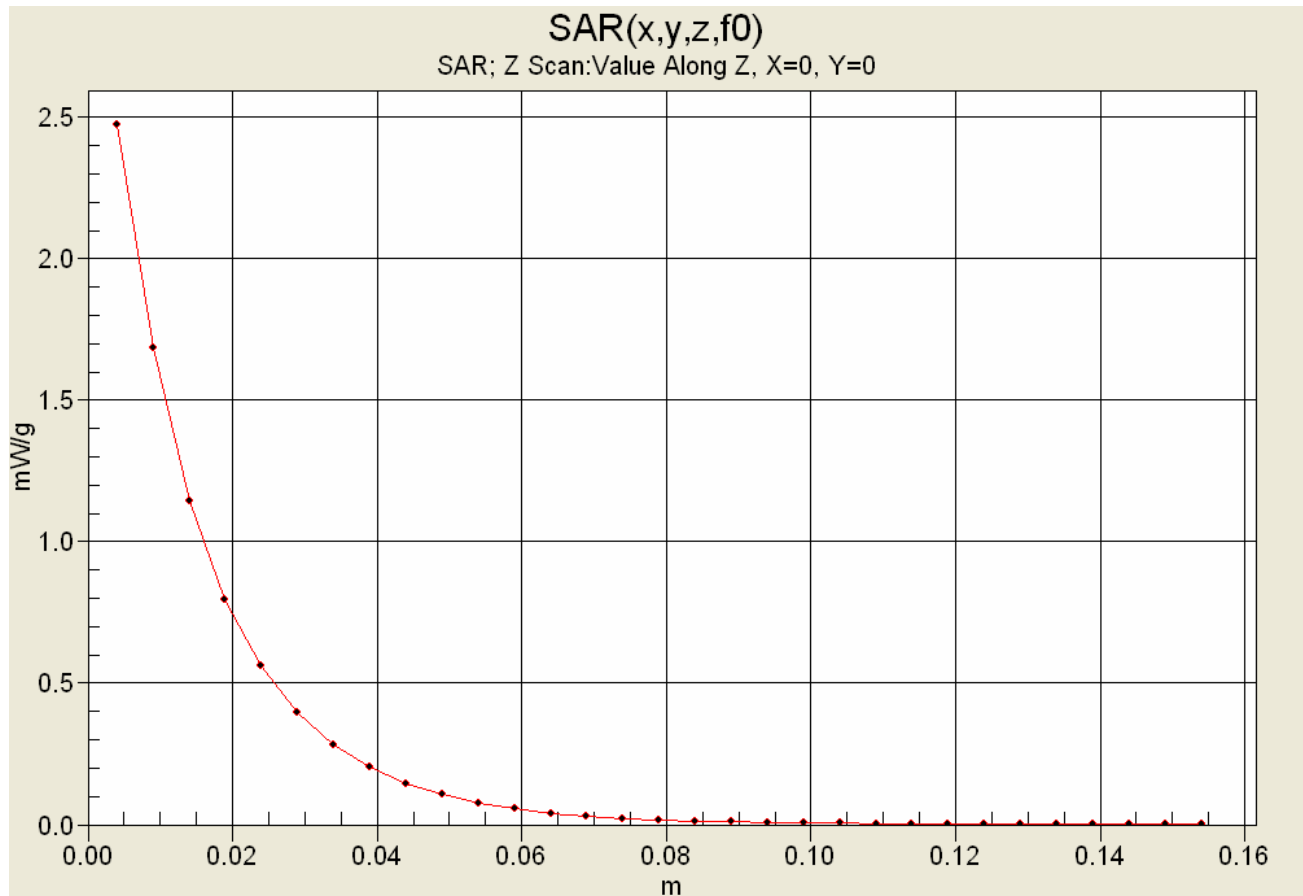
Reference Value = 56.1 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.52 mW/g



Z-Axis Scan



Date Tested: 07/28/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.2 °C; Fluid Temp: 23.1 °C; Barometric Pressure: 101.2 kPa; Humidity: 32%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.90$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

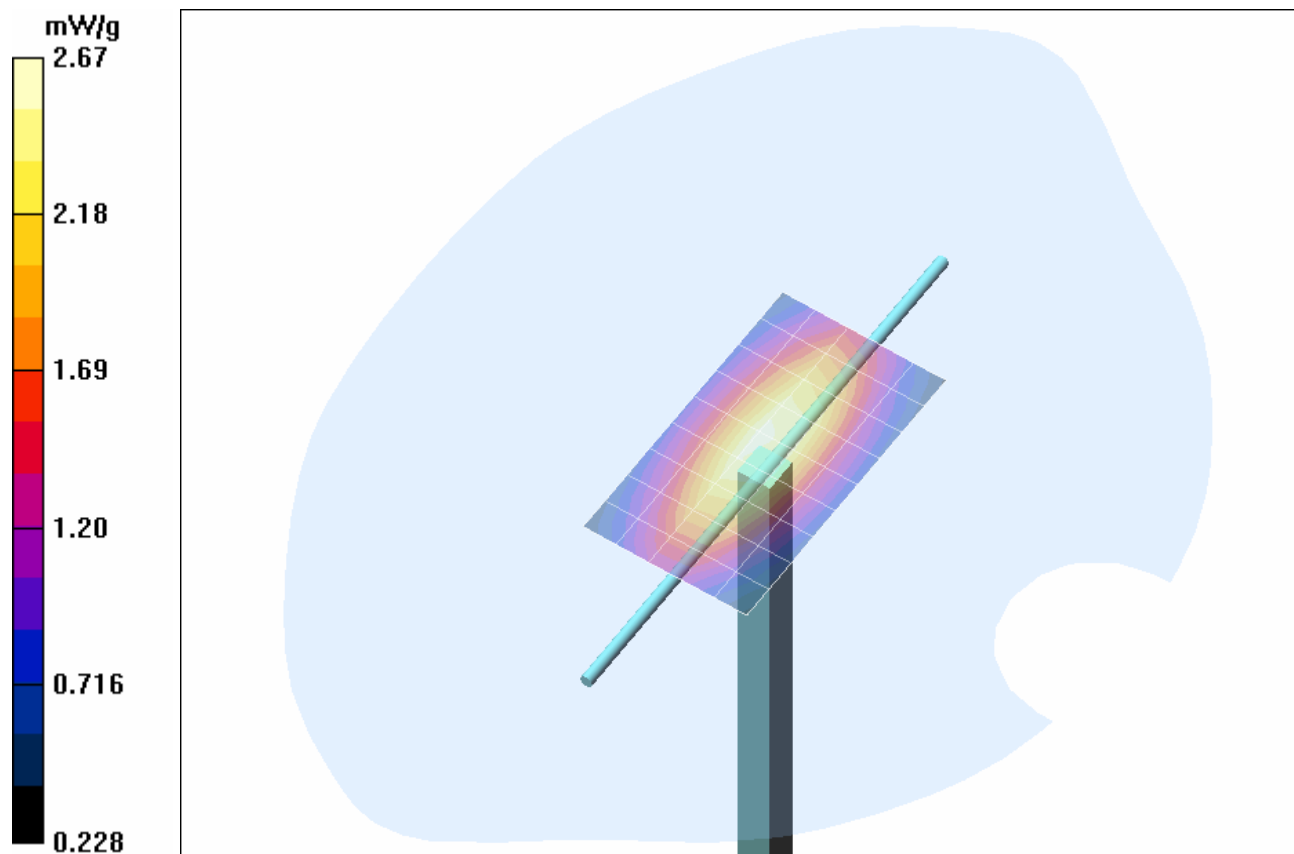
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

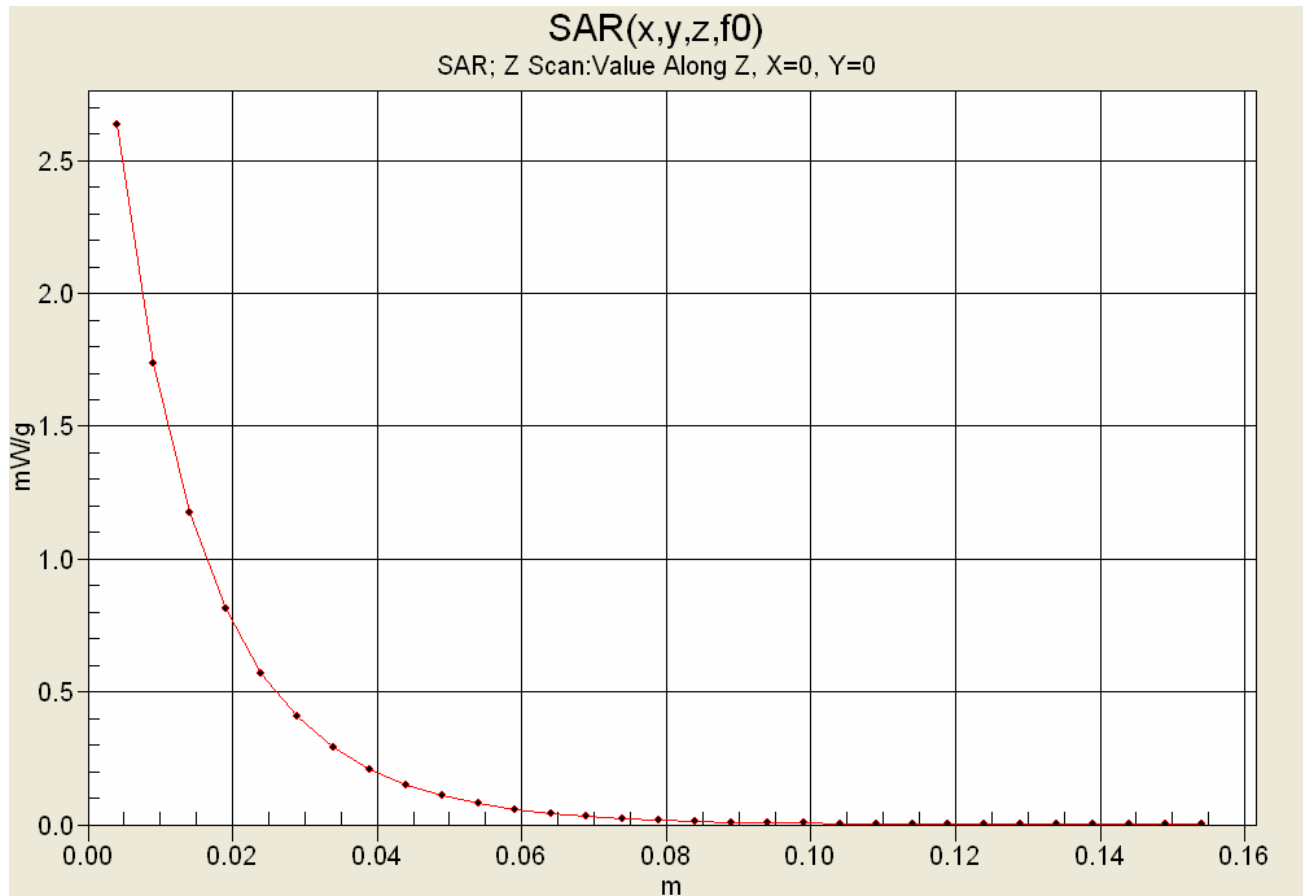
Reference Value = 56.1 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.6 mW/g



Z-Axis Scan



Date Tested: 08/02/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 24.0 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.91$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

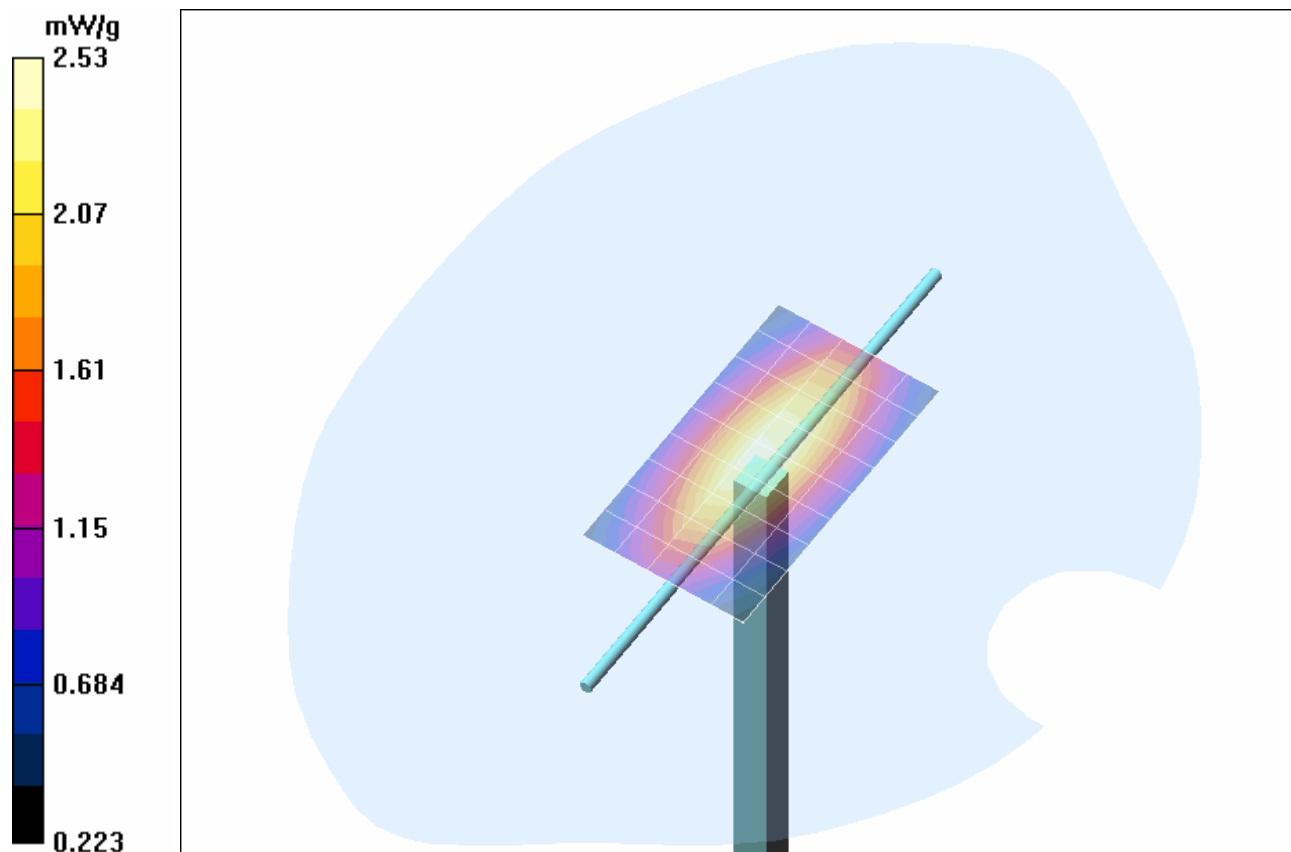
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

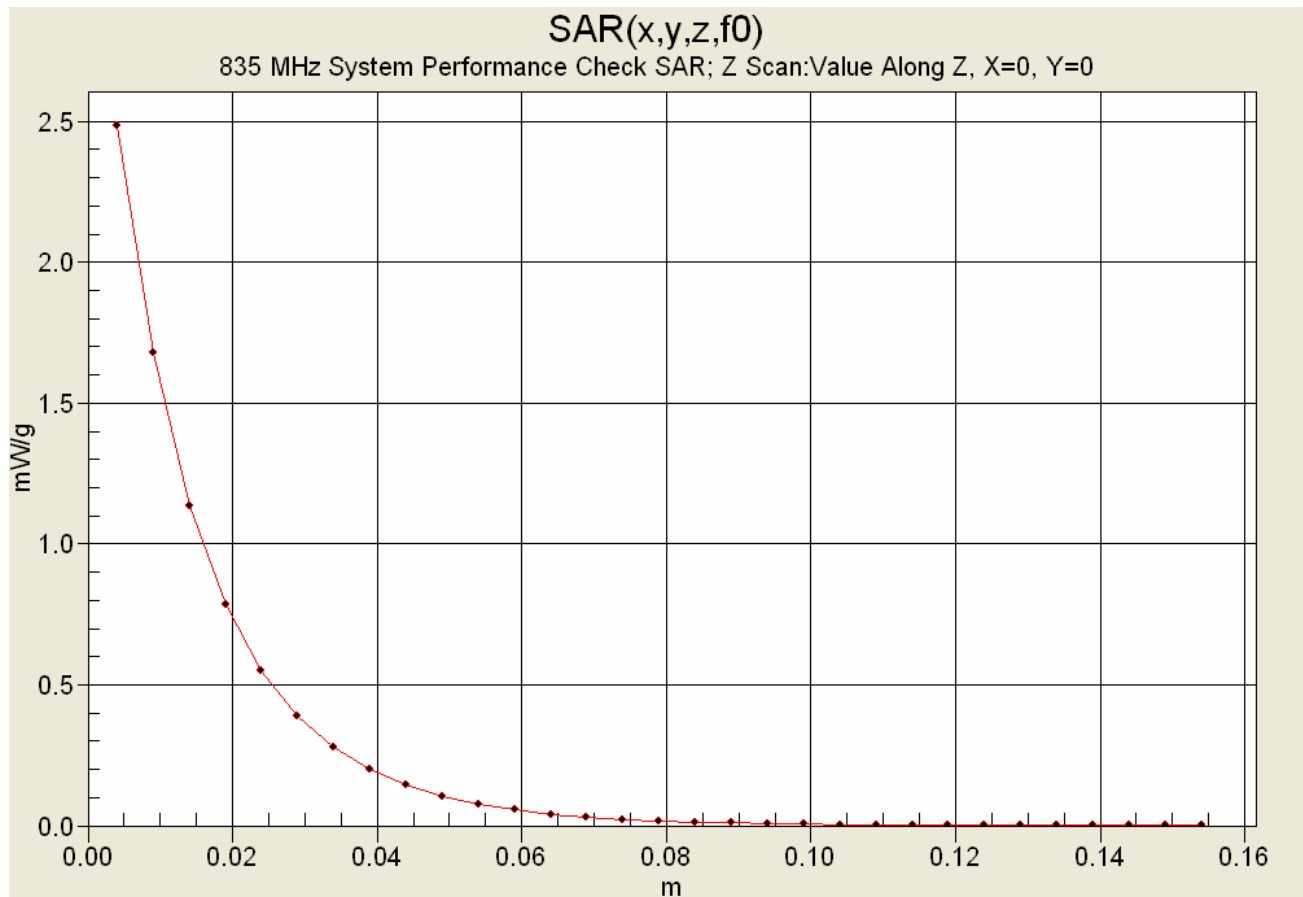
Reference Value = 56.0 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.40 W/kg

SAR(1 g) = 2.34 mW/g; SAR(10 g) = 1.53 mW/g



Z-Axis Scan



Date Tested: 08/03/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.7 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.89$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

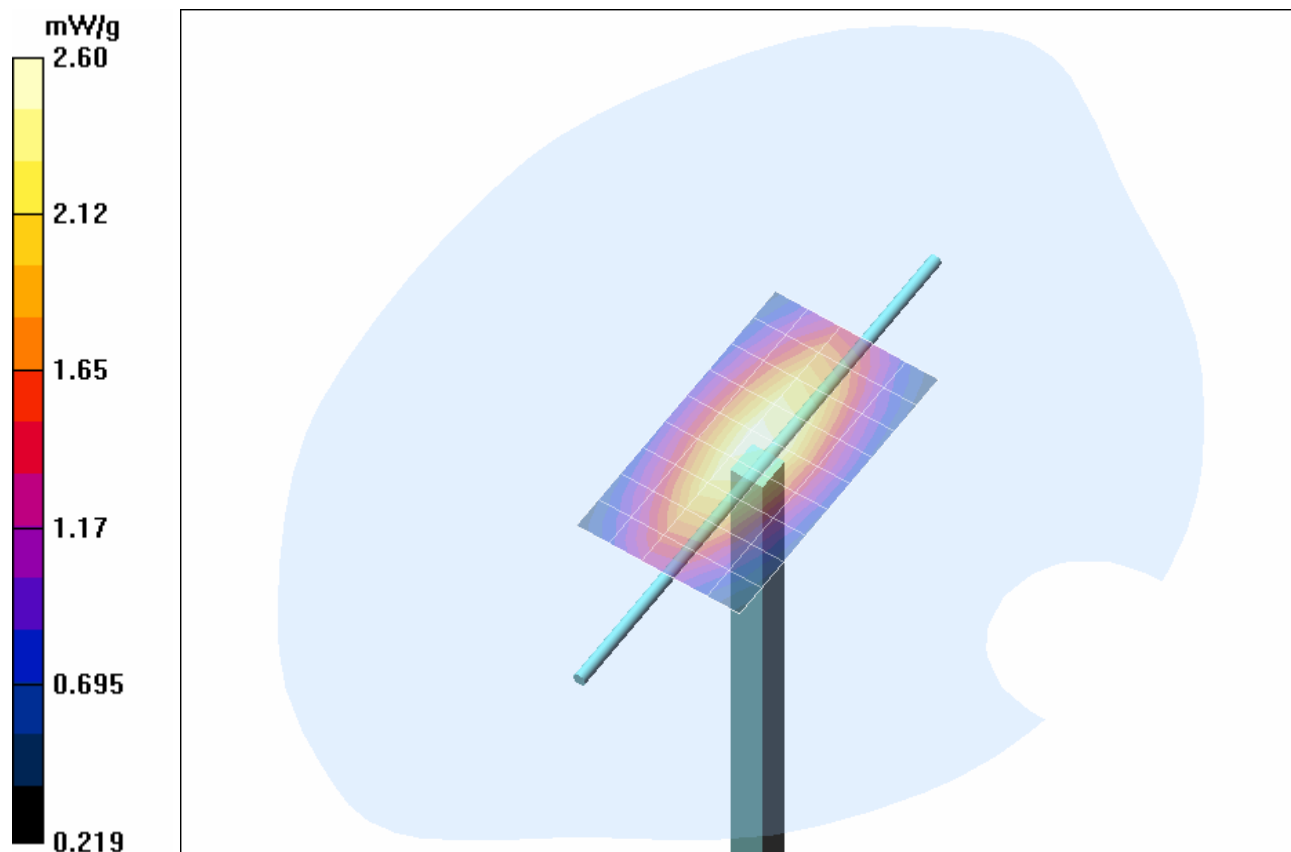
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

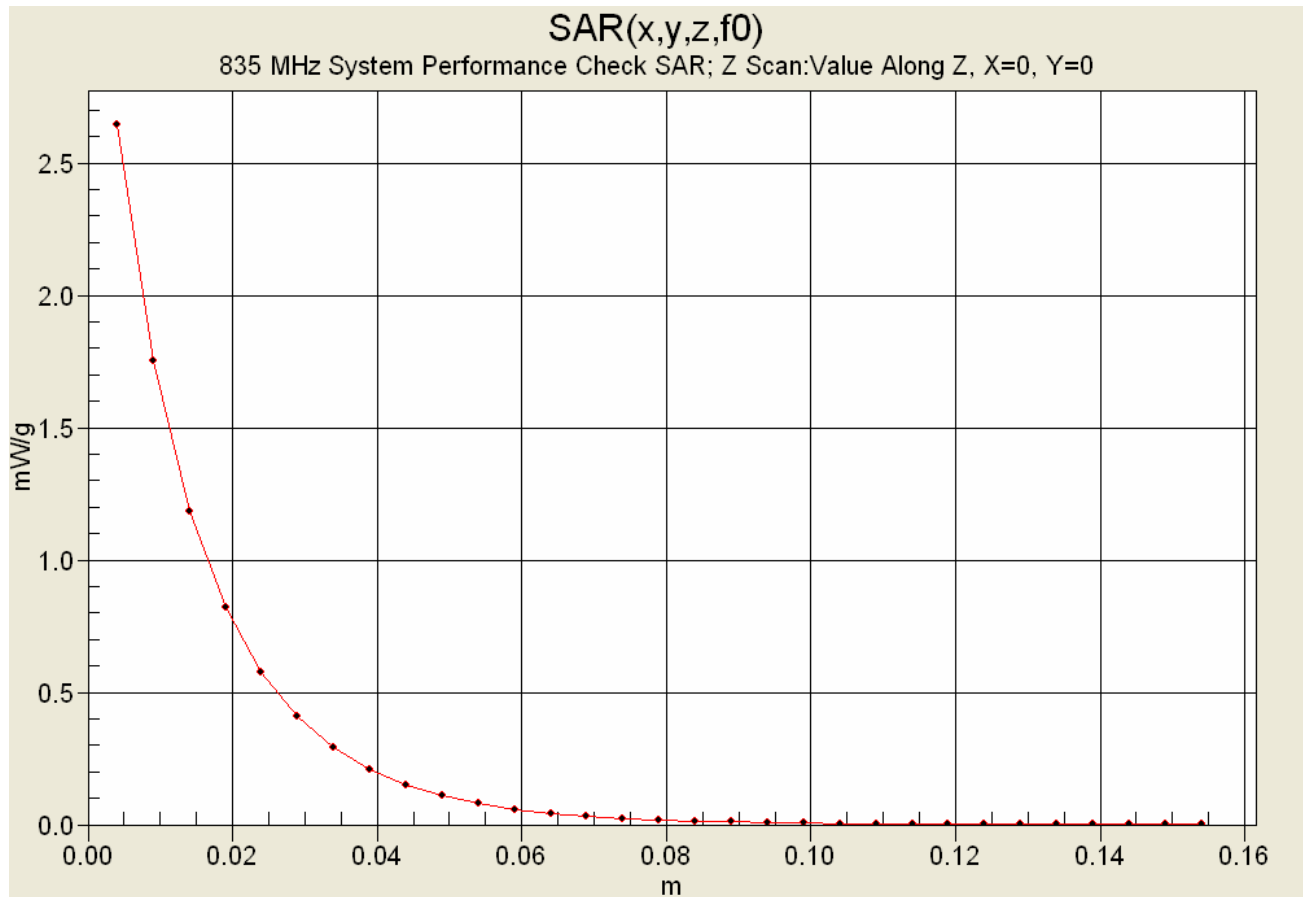
Reference Value = 56.3 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.57 mW/g



Z-Axis Scan



Date Tested: 08/04/2005

System Performance Check (Brain) - 835 MHz Dipole

DUT: Dipole 835 MHz; Model: D835V2; Type: System Performance Check; Serial: 411; Calibrated: 03/30/2005

Ambient Temp: 25.1 °C; Fluid Temp: 23.5 °C; Barometric Pressure: 102.5 kPa; Humidity: 30%

Communication System: CW

Forward Conducted Power: 250 mW

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 ($\sigma = 0.92$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

835 MHz Dipole - System Performance Check/Area Scan (6x10x1):

Measurement grid: dx=10mm, dy=10mm

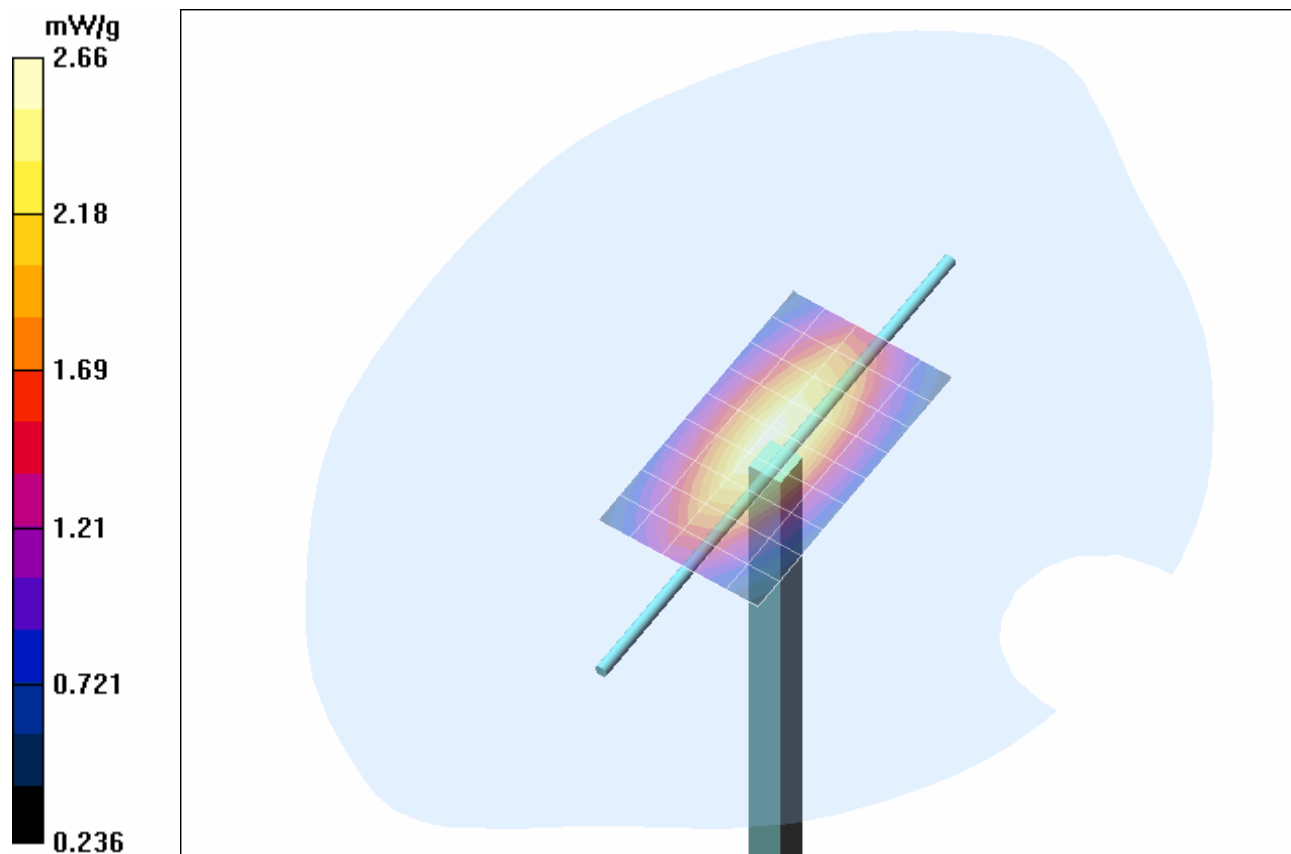
835 MHz Dipole - System Performance Check/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

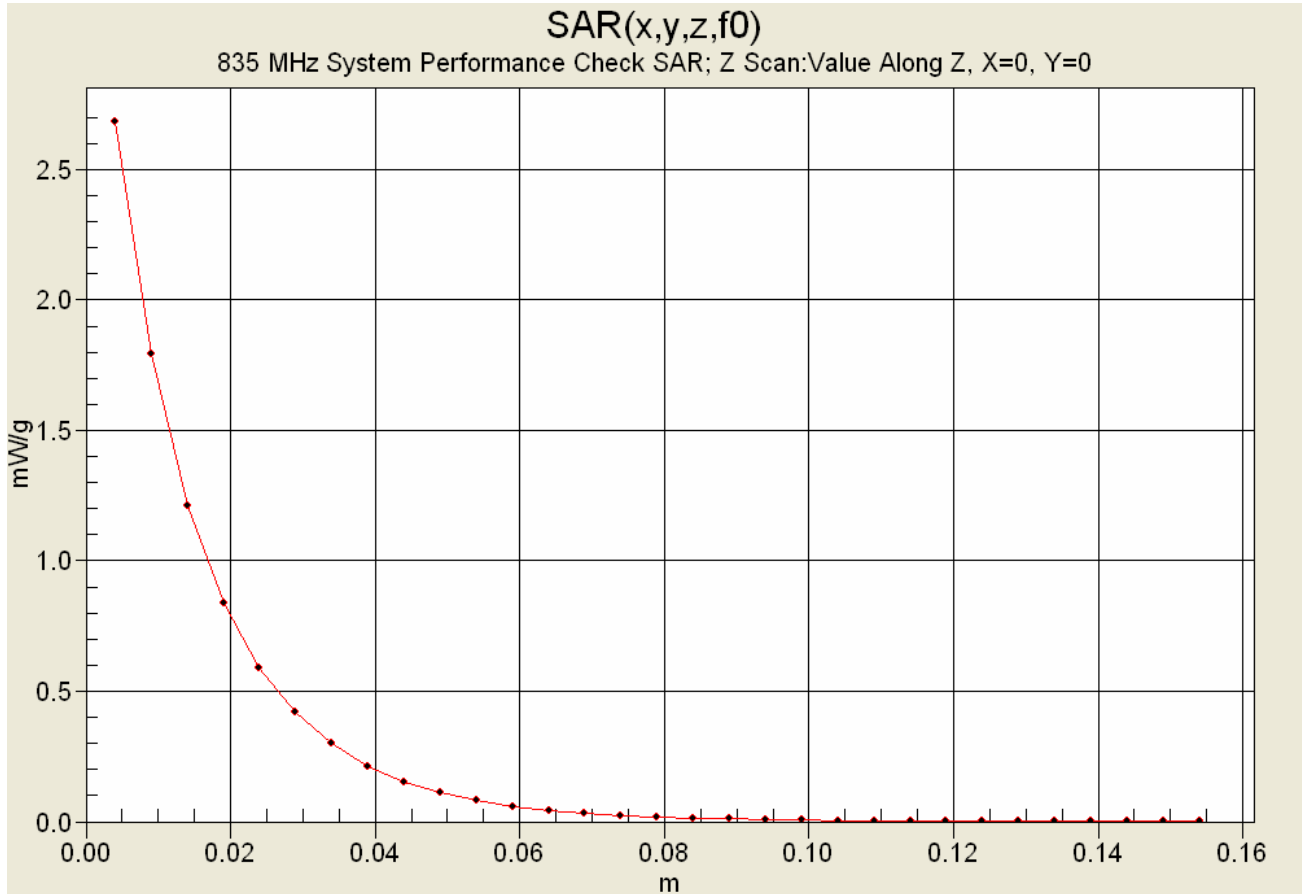
Reference Value = 56.0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.6 mW/g



Z-Axis Scan



Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

APPENDIX C - MEASURED FLUID DIELECTRIC PARAMETERS

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

860 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 19/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7600	41.89	0.89	41.55	0.83
0.7700	41.84	0.89	41.48	0.84
0.7800	41.79	0.90	41.31	0.84
0.7900	41.73	0.90	41.18	0.86
0.8000	41.68	0.90	41.12	0.87
0.8100	41.63	0.90	41.08	0.88
0.8200	41.58	0.90	40.75	0.89
0.8300	41.53	0.90	40.74	0.90
0.8400	41.50	0.91	40.64	0.90
0.8500	41.50	0.92	40.46	0.91
0.8600	41.50	0.93	40.18	0.92
0.8700	41.50	0.94	40.10	0.93
0.8800	41.50	0.95	40.17	0.94
0.8900	41.50	0.96	40.06	0.95
0.9000	41.50	0.97	39.93	0.95
0.9100	41.50	0.98	39.68	0.96
0.9200	41.49	0.98	39.72	0.97
0.9300	41.47	0.99	39.60	0.98
0.9400	41.45	0.99	39.51	0.99
0.9500	41.43	0.99	39.40	1.00
0.9600	41.42	1.00	39.28	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 19/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	41.47	0.80
0.7450	41.97	0.89	41.30	0.81
0.7550	41.92	0.89	41.08	0.81
0.7650	41.86	0.89	41.03	0.82
0.7750	41.81	0.90	40.74	0.83
0.7850	41.76	0.90	40.79	0.84
0.7950	41.71	0.90	40.62	0.84
0.8050	41.66	0.90	40.44	0.86
0.8150	41.60	0.90	40.43	0.87
0.8250	41.55	0.90	40.23	0.88
0.8350	41.50	0.90	40.11	0.89
0.8450	41.50	0.91	40.04	0.90
0.8550	41.50	0.92	39.83	0.91
0.8650	41.50	0.93	39.90	0.91
0.8750	41.50	0.94	39.68	0.92
0.8850	41.50	0.95	39.67	0.93
0.8950	41.50	0.96	39.46	0.94
0.9050	41.50	0.97	39.34	0.95
0.9150	41.50	0.98	39.27	0.95
0.9250	41.48	0.98	39.18	0.97
0.9350	41.46	0.99	39.06	0.97

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

767 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 20/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.6770	42.32	0.89	44.27	0.78
0.6870	42.27	0.89	44.09	0.79
0.6970	42.22	0.89	44.00	0.80
0.7070	42.16	0.89	43.79	0.81
0.7170	42.11	0.89	43.67	0.81
0.7270	42.06	0.89	43.60	0.82
0.7370	42.01	0.89	43.35	0.84
0.7470	41.96	0.89	43.13	0.84
0.7570	41.91	0.89	43.07	0.85
0.7670	41.85	0.89	42.94	0.86
0.7770	41.80	0.90	42.78	0.87
0.7870	41.75	0.90	42.70	0.88
0.7970	41.70	0.90	42.60	0.89
0.8070	41.65	0.90	42.44	0.90
0.8170	41.59	0.90	42.39	0.91
0.8270	41.54	0.90	42.30	0.92
0.8370	41.50	0.90	42.07	0.93
0.8470	41.50	0.91	41.98	0.94
0.8570	41.50	0.92	41.91	0.94

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

797 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 20/Jul/2005 17:13:53

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7070	42.16	0.89	42.24	0.79
0.7170	42.11	0.89	42.14	0.80
0.7270	42.06	0.89	42.11	0.81
0.7370	42.01	0.89	41.79	0.82
0.7470	41.96	0.89	41.67	0.82
0.7570	41.91	0.89	41.58	0.84
0.7670	41.85	0.89	41.48	0.84
0.7770	41.80	0.90	41.22	0.85
0.7870	41.75	0.90	41.06	0.86
0.7970	41.70	0.90	41.01	0.87
0.8070	41.65	0.90	40.87	0.88
0.8170	41.59	0.90	40.75	0.89
0.8270	41.54	0.90	40.55	0.90
0.8370	41.50	0.90	40.47	0.91
0.8470	41.50	0.91	40.32	0.91
0.8570	41.50	0.92	40.34	0.93
0.8670	41.50	0.93	40.22	0.94
0.8770	41.50	0.95	40.11	0.94
0.8870	41.50	0.96	39.95	0.95

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

815 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 20/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7155	42.12	0.89	41.41	0.78
0.7255	42.07	0.89	41.55	0.77
0.7355	42.02	0.89	41.19	0.80
0.7455	41.96	0.89	41.28	0.81
0.7555	41.91	0.89	41.27	0.80
0.7655	41.86	0.89	40.86	0.81
0.7755	41.81	0.90	40.87	0.83
0.7855	41.76	0.90	40.53	0.83
0.7955	41.71	0.90	40.53	0.84
0.8055	41.65	0.90	40.14	0.85
0.8155	41.60	0.90	40.27	0.87
0.8255	41.55	0.90	39.95	0.88
0.8355	41.50	0.90	39.85	0.89
0.8455	41.50	0.91	39.68	0.89
0.8555	41.50	0.92	39.49	0.89
0.8655	41.50	0.93	39.73	0.92
0.8755	41.50	0.94	39.61	0.92
0.8855	41.50	0.95	39.29	0.93
0.8955	41.50	0.97	39.37	0.92
0.9055	41.50	0.97	39.26	0.95
0.9155	41.50	0.98	39.01	0.95

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 20/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	41.44	0.81
0.7450	41.97	0.89	41.24	0.82
0.7550	41.92	0.89	41.23	0.82
0.7650	41.86	0.89	40.89	0.84
0.7750	41.81	0.90	40.80	0.84
0.7850	41.76	0.90	40.77	0.85
0.7950	41.71	0.90	40.56	0.86
0.8050	41.66	0.90	40.43	0.87
0.8150	41.60	0.90	40.24	0.89
0.8250	41.55	0.90	40.28	0.89
0.8350	41.50	0.90	40.11	0.90
0.8450	41.50	0.91	39.96	0.91
0.8550	41.50	0.92	39.90	0.92
0.8650	41.50	0.93	39.77	0.93
0.8750	41.50	0.94	39.63	0.93
0.8850	41.50	0.95	39.42	0.94
0.8950	41.50	0.96	39.36	0.95
0.9050	41.50	0.97	39.21	0.96
0.9150	41.50	0.98	39.18	0.97
0.9250	41.48	0.98	39.18	0.98
0.9350	41.46	0.99	38.96	0.99

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

767 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 21/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.6670	42.37	0.89	44.46	0.76
0.6770	42.32	0.89	43.92	0.76
0.6870	42.27	0.89	44.12	0.79
0.6970	42.22	0.89	43.79	0.79
0.7070	42.16	0.89	43.72	0.79
0.7170	42.11	0.89	43.99	0.81
0.7270	42.06	0.89	43.76	0.83
0.7370	42.01	0.89	43.42	0.84
0.7470	41.96	0.89	43.29	0.84
0.7570	41.91	0.89	43.32	0.84
0.7670	41.85	0.89	42.69	0.85
0.7770	41.80	0.90	43.05	0.87
0.7870	41.75	0.90	43.35	0.87
0.7970	41.70	0.90	42.40	0.89
0.8070	41.65	0.90	42.31	0.89
0.8170	41.59	0.90	42.10	0.90
0.8270	41.54	0.90	42.16	0.91
0.8370	41.50	0.90	42.34	0.92
0.8470	41.50	0.91	42.05	0.93
0.8570	41.50	0.92	41.43	0.95
0.8670	41.50	0.93	41.83	0.95

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

860 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 21/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7600	55.49	0.96	56.56	0.94
0.7700	55.45	0.96	56.50	0.95
0.7800	55.41	0.97	56.46	0.95
0.7900	55.38	0.97	56.24	0.96
0.8000	55.34	0.97	56.31	0.97
0.8100	55.30	0.97	56.25	0.98
0.8200	55.26	0.97	56.07	0.99
0.8300	55.22	0.97	55.84	0.99
0.8400	55.18	0.98	55.76	1.01
0.8500	55.15	0.99	55.70	1.02
0.8600	55.12	1.00	55.39	1.028
0.8700	55.09	1.01	55.39	1.04
0.8800	55.06	1.03	55.32	1.05
0.8900	55.03	1.04	55.16	1.06
0.9000	55.00	1.05	55.19	1.06
0.9100	55.00	1.06	55.16	1.07
0.9200	54.99	1.06	55.08	1.09
0.9300	54.97	1.07	54.98	1.10
0.9400	54.95	1.07	55.08	1.11
0.9500	54.93	1.08	54.87	1.11
0.9600	54.92	1.08	54.58	1.13

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 21/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	43.04	0.83
0.7450	41.97	0.89	42.92	0.83
0.7550	41.92	0.89	42.67	0.84
0.7650	41.86	0.89	42.26	0.85
0.7750	41.81	0.90	41.92	0.86
0.7850	41.76	0.90	41.91	0.85
0.7950	41.71	0.90	41.46	0.85
0.8050	41.66	0.90	41.70	0.89
0.8150	41.60	0.90	41.70	0.89
0.8250	41.55	0.90	41.71	0.90
0.8350	41.50	0.90	41.29	0.91
0.8450	41.50	0.91	40.95	0.92
0.8550	41.50	0.92	41.12	0.94
0.8650	41.50	0.93	40.98	0.95
0.8750	41.50	0.94	41.18	0.94
0.8850	41.50	0.95	40.93	0.96
0.8950	41.50	0.96	40.86	0.97
0.9050	41.50	0.97	40.70	0.96
0.9150	41.50	0.98	40.58	0.99
0.9250	41.48	0.98	40.54	0.99
0.9350	41.46	0.99	40.26	1.00

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

815 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Fri 22/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7150	55.67	0.96	55.84	0.87
0.7250	55.63	0.96	55.76	0.88
0.7350	55.59	0.96	55.64	0.89
0.7450	55.55	0.96	55.67	0.90
0.7550	55.51	0.96	55.52	0.91
0.7650	55.47	0.96	55.54	0.92
0.7750	55.43	0.97	55.40	0.93
0.7850	55.39	0.97	55.04	0.94
0.7950	55.36	0.97	55.04	0.95
0.8050	55.32	0.97	55.04	0.96
0.8150	55.28	0.97	54.89	0.97
0.8250	55.24	0.97	54.69	0.98
0.8350	55.20	0.97	54.69	0.99
0.8450	55.17	0.98	54.67	1.00
0.8550	55.14	0.99	54.51	1.01
0.8650	55.11	1.01	54.52	1.02
0.8750	55.08	1.02	54.47	1.03
0.8850	55.05	1.03	54.33	1.04
0.8950	55.02	1.04	54.28	1.05
0.9050	55.00	1.05	53.98	1.05
0.9150	55.00	1.06	53.96	1.06

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

860 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Fri 22/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7600	55.49	0.96	54.99	0.92
0.7700	55.45	0.96	55.30	0.93
0.7800	55.41	0.97	55.01	0.95
0.7900	55.38	0.97	54.55	0.94
0.8000	55.34	0.97	55.12	0.94
0.8100	55.30	0.97	54.66	0.96
0.8200	55.26	0.97	54.78	0.96
0.8300	55.22	0.97	54.35	0.97
0.8400	55.18	0.98	54.16	1.00
0.8500	55.15	0.99	54.24	1.00
0.8600	55.12	1.00	54.12	1.01
0.8700	55.09	1.01	53.93	1.03
0.8800	55.06	1.03	54.02	1.03
0.8900	55.03	1.04	54.01	1.04
0.9000	55.00	1.05	53.53	1.04
0.9100	55.00	1.06	53.65	1.08
0.9200	54.99	1.06	53.46	1.08
0.9300	54.97	1.07	53.65	1.08
0.9400	54.95	1.07	53.69	1.10
0.9500	54.93	1.08	53.57	1.09
0.9600	54.92	1.08	53.36	1.10

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Fri 22/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.71	0.82
0.7450	41.97	0.89	42.56	0.83
0.7550	41.92	0.89	42.41	0.84
0.7650	41.86	0.89	42.35	0.85
0.7750	41.81	0.90	42.11	0.86
0.7850	41.76	0.90	42.02	0.86
0.7950	41.71	0.90	41.95	0.87
0.8050	41.66	0.90	41.79	0.89
0.8150	41.60	0.90	41.58	0.89
0.8250	41.55	0.90	41.59	0.90
0.8350	41.50	0.90	41.45	0.91
0.8450	41.50	0.91	41.25	0.92
0.8550	41.50	0.92	41.20	0.93
0.8650	41.50	0.93	41.22	0.94
0.8750	41.50	0.94	41.06	0.95
0.8850	41.50	0.95	40.86	0.96
0.8950	41.50	0.96	40.91	0.96
0.9050	41.50	0.97	40.71	0.97
0.9150	41.50	0.98	40.61	0.98
0.9250	41.48	0.98	40.42	0.99
0.9350	41.46	0.99	40.31	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

815 MHz DUT Evaluation (Body)

Celltech Labs Inc

Test Result for UIM Dielectric Parameter

Mon 25/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7150	55.67	0.96	55.31	0.85
0.7250	55.63	0.96	55.46	0.88
0.7350	55.59	0.96	54.90	0.89
0.7450	55.55	0.96	54.97	0.89
0.7550	55.51	0.96	54.93	0.89
0.7650	55.47	0.96	54.73	0.91
0.7750	55.43	0.97	54.95	0.92
0.7850	55.39	0.97	54.53	0.92
0.7950	55.36	0.97	54.53	0.95
0.8050	55.32	0.97	54.95	0.94
0.8150	55.28	0.97	54.38	0.96
0.8250	55.24	0.97	54.70	0.98
0.8350	55.20	0.97	54.12	0.98
0.8450	55.17	0.98	54.13	0.99
0.8550	55.14	0.99	53.86	1.00
0.8650	55.11	1.01	53.82	1.02
0.8750	55.08	1.02	53.78	1.01
0.8850	55.05	1.03	53.81	1.03
0.8950	55.02	1.04	53.51	1.01
0.9050	55.00	1.05	53.49	1.02
0.9150	55.00	1.06	53.49	1.06

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Mon 25/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	41.71	0.81
0.7450	41.97	0.89	42.04	0.82
0.7550	41.92	0.89	41.75	0.84
0.7650	41.86	0.89	41.41	0.83
0.7750	41.81	0.90	41.28	0.85
0.7850	41.76	0.90	41.15	0.86
0.7950	41.71	0.90	41.56	0.87
0.8050	41.66	0.90	41.60	0.88
0.8150	41.60	0.90	41.03	0.89
0.8250	41.55	0.90	41.14	0.90
0.8350	41.50	0.90	40.85	0.90
0.8450	41.50	0.91	40.49	0.91
0.8550	41.50	0.92	40.82	0.94
0.8650	41.50	0.93	40.54	0.94
0.8750	41.50	0.94	40.29	0.95
0.8850	41.50	0.95	40.07	0.95
0.8950	41.50	0.96	40.03	0.96
0.9050	41.50	0.97	40.00	1.00
0.9150	41.50	0.98	39.93	0.99
0.9250	41.48	0.98	39.82	0.99
0.9350	41.46	0.99	39.89	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

797 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 26/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.6970	55.74	0.96	55.69	0.85
0.7070	55.70	0.96	55.44	0.86
0.7170	55.66	0.96	55.34	0.86
0.7270	55.62	0.96	55.54	0.88
0.7370	55.58	0.96	55.48	0.88
0.7470	55.54	0.96	55.37	0.90
0.7570	55.50	0.96	55.28	0.91
0.7670	55.46	0.96	55.04	0.91
0.7770	55.43	0.97	55.12	0.91
0.7870	55.39	0.97	54.83	0.93
0.7970	55.35	0.97	54.49	0.91
0.8070	55.31	0.97	54.59	0.95
0.8170	55.27	0.97	54.65	0.95
0.8270	55.23	0.97	54.41	0.96
0.8370	55.19	0.97	54.21	0.97
0.8470	55.16	0.98	54.43	0.99
0.8570	55.13	1.00	54.02	0.99
0.8670	55.10	1.01	53.87	1.00
0.8770	55.07	1.02	54.23	1.01
0.8870	55.04	1.03	53.63	1.04
0.8970	55.01	1.05	53.57	1.03

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 26/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.85	0.81
0.7450	41.97	0.89	42.32	0.82
0.7550	41.92	0.89	42.27	0.83
0.7650	41.86	0.89	42.71	0.85
0.7750	41.81	0.90	42.10	0.86
0.7850	41.76	0.90	41.78	0.87
0.7950	41.71	0.90	41.76	0.88
0.8050	41.66	0.90	41.93	0.88
0.8150	41.60	0.90	41.70	0.90
0.8250	41.55	0.90	41.63	0.90
0.8350	41.50	0.90	41.80	0.91
0.8450	41.50	0.91	41.36	0.92
0.8550	41.50	0.92	41.46	0.93
0.8650	41.50	0.93	41.02	0.93
0.8750	41.50	0.94	41.04	0.95
0.8850	41.50	0.95	40.67	0.95
0.8950	41.50	0.96	40.65	0.96
0.9050	41.50	0.97	40.48	0.99
0.9150	41.50	0.98	40.56	0.98
0.9250	41.48	0.98	40.51	0.98
0.9350	41.46	0.99	40.40	1.00

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

797 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 27/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.6970	55.74	0.96	54.99	0.84
0.7070	55.70	0.96	55.13	0.88
0.7170	55.66	0.96	54.72	0.88
0.7270	55.62	0.96	54.62	0.89
0.7370	55.58	0.96	54.66	0.90
0.7470	55.54	0.96	54.91	0.91
0.7570	55.50	0.96	54.60	0.90
0.7670	55.46	0.96	54.57	0.92
0.7770	55.43	0.97	54.14	0.92
0.7870	55.39	0.97	54.08	0.93
0.7970	55.35	0.97	54.10	0.94
0.8070	55.31	0.97	54.03	0.96
0.8170	55.27	0.97	53.90	0.98
0.8270	55.23	0.97	53.97	0.97
0.8370	55.19	0.97	54.02	0.98
0.8470	55.16	0.98	53.49	1.00
0.8570	55.13	1.00	53.56	0.99
0.8670	55.10	1.01	53.64	1.02
0.8770	55.07	1.02	53.16	1.01
0.8870	55.04	1.03	53.61	1.02
0.8970	55.01	1.05	53.16	1.04

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 27/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.94	0.82
0.7450	41.97	0.89	42.72	0.83
0.7550	41.92	0.89	42.71	0.84
0.7650	41.86	0.89	42.53	0.85
0.7750	41.81	0.90	42.41	0.86
0.7850	41.76	0.90	42.25	0.87
0.7950	41.71	0.90	42.17	0.88
0.8050	41.66	0.90	42.06	0.89
0.8150	41.60	0.90	41.83	0.90
0.8250	41.55	0.90	41.81	0.91
0.8350	41.50	0.90	41.68	0.92
0.8450	41.50	0.91	41.57	0.92
0.8550	41.50	0.92	41.36	0.93
0.8650	41.50	0.93	41.30	0.94
0.8750	41.50	0.94	41.13	0.95
0.8850	41.50	0.95	41.06	0.96
0.8950	41.50	0.96	41.04	0.97
0.9050	41.50	0.97	40.84	0.98
0.9150	41.50	0.98	40.67	0.99
0.9250	41.48	0.98	40.69	1.00
0.9350	41.46	0.99	40.52	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

767 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 28/Jul/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.6670	55.85	0.96	55.48	0.83
0.6770	55.82	0.96	55.33	0.84
0.6870	55.78	0.96	55.27	0.84
0.6970	55.74	0.96	55.48	0.87
0.7070	55.70	0.96	55.17	0.87
0.7170	55.66	0.96	54.92	0.88
0.7270	55.62	0.96	54.58	0.87
0.7370	55.58	0.96	54.84	0.89
0.7470	55.54	0.96	54.64	0.91
0.7570	55.50	0.96	54.82	0.91
0.7670	55.46	0.96	54.31	0.92
0.7770	55.43	0.97	54.25	0.93
0.7870	55.39	0.97	54.58	0.94
0.7970	55.35	0.97	54.50	0.94
0.8070	55.31	0.97	54.07	0.95
0.8170	55.27	0.97	53.71	0.98
0.8270	55.23	0.97	53.82	0.97
0.8370	55.19	0.97	54.04	0.98
0.8470	55.16	0.98	53.65	0.99
0.8570	55.13	1.00	53.81	1.01
0.8670	55.10	1.01	53.62	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 28/Jul/2005

Freq Frequency(GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.57	0.82
0.7450	41.97	0.89	42.77	0.83
0.7550	41.92	0.89	42.81	0.84
0.7650	41.86	0.89	42.28	0.84
0.7750	41.81	0.90	42.55	0.84
0.7850	41.76	0.90	42.58	0.86
0.7950	41.71	0.90	41.85	0.86
0.8050	41.66	0.90	41.80	0.89
0.8150	41.60	0.90	41.56	0.90
0.8250	41.55	0.90	41.78	0.90
0.8350	41.50	0.90	41.87	0.90
0.8450	41.50	0.91	41.87	0.93
0.8550	41.50	0.92	41.67	0.92
0.8650	41.50	0.93	41.38	0.94
0.8750	41.50	0.94	40.84	0.96
0.8850	41.50	0.95	41.10	0.97
0.8950	41.50	0.96	40.84	0.96
0.9050	41.50	0.97	40.73	0.96
0.9150	41.50	0.98	40.48	0.99
0.9250	41.48	0.98	40.53	0.99
0.9350	41.46	0.99	40.67	1.00

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

860 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 02/Aug/2005

Freq Frequency(GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7600	55.49	0.96	53.58	0.92
0.7700	55.45	0.96	53.78	0.91
0.7800	55.41	0.97	53.71	0.92
0.7900	55.38	0.97	53.53	0.93
0.8000	55.34	0.97	53.72	0.94
0.8100	55.30	0.97	53.40	0.95
0.8200	55.26	0.97	53.37	0.97
0.8300	55.22	0.97	53.33	0.98
0.8400	55.18	0.98	52.92	1.01
0.8500	55.15	0.99	53.20	1.01
0.8600	55.12	1.00	53.23	1.00
0.8700	55.09	1.01	53.10	1.03
0.8800	55.06	1.03	52.84	1.01
0.8900	55.03	1.04	52.92	1.03
0.9000	55.00	1.05	52.46	1.04
0.9100	55.00	1.06	52.85	1.05
0.9200	54.99	1.06	52.13	1.06
0.9300	54.97	1.07	52.31	1.07
0.9400	54.95	1.07	52.25	1.08
0.9500	54.93	1.08	52.34	1.09
0.9600	54.92	1.08	52.17	1.11

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Tue 02/Aug/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.47	0.83
0.7450	41.97	0.89	42.10	0.83
0.7550	41.92	0.89	42.80	0.86
0.7650	41.86	0.89	42.25	0.86
0.7750	41.81	0.90	42.09	0.86
0.7850	41.76	0.90	42.13	0.87
0.7950	41.71	0.90	41.69	0.87
0.8050	41.66	0.90	41.71	0.88
0.8150	41.60	0.90	41.87	0.90
0.8250	41.55	0.90	41.31	0.90
0.8350	41.50	0.90	41.54	0.91
0.8450	41.50	0.91	41.31	0.93
0.8550	41.50	0.92	41.28	0.93
0.8650	41.50	0.93	40.79	0.95
0.8750	41.50	0.94	40.78	0.95
0.8850	41.50	0.95	40.56	0.96
0.8950	41.50	0.96	40.51	0.99
0.9050	41.50	0.97	40.55	0.99
0.9150	41.50	0.98	40.23	0.98
0.9250	41.48	0.98	40.25	0.97
0.9350	41.46	0.99	40.21	1.00

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

767 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 03/Aug/2005

Freq Frequency(GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.6670	55.85	0.96	55.12	0.82
0.6770	55.82	0.96	55.12	0.84
0.6870	55.78	0.96	55.21	0.83
0.6970	55.74	0.96	54.65	0.87
0.7070	55.70	0.96	54.44	0.87
0.7170	55.66	0.96	54.89	0.87
0.7270	55.62	0.96	54.55	0.89
0.7370	55.58	0.96	54.25	0.88
0.7470	55.54	0.96	54.03	0.88
0.7570	55.50	0.96	54.07	0.91
0.7670	55.46	0.96	53.86	0.92
0.7770	55.43	0.97	53.80	0.91
0.7870	55.39	0.97	53.82	0.94
0.7970	55.35	0.97	53.76	0.95
0.8070	55.31	0.97	52.90	0.94
0.8170	55.27	0.97	53.46	0.97
0.8270	55.23	0.97	53.66	0.97
0.8370	55.19	0.97	53.12	0.97
0.8470	55.16	0.98	53.06	0.99
0.8570	55.13	1.00	52.76	1.00
0.8670	55.10	1.01	53.37	1.01

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

860 MHz DUT Evaluation (Body)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 03/Aug/2005

Freq Frequency (GHz)

FCC_eH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC Bulletin 65 Supplement C (June 2001) Limits for Head Sigma

FCC_eB FCC Limits for Body Epsilon

FCC_sB FCC Limits for Body Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eB	FCC_sB	Test_e	Test_s
0.7600	55.49	0.96	53.52	0.90
0.7700	55.45	0.96	53.32	0.91
0.7800	55.41	0.97	53.92	0.93
0.7900	55.38	0.97	53.04	0.93
0.8000	55.34	0.97	53.07	0.94
0.8100	55.30	0.97	53.19	0.95
0.8200	55.26	0.97	53.11	0.97
0.8300	55.22	0.97	53.01	0.98
0.8400	55.18	0.98	52.54	0.98
0.8500	55.15	0.99	52.76	0.97
0.8600	55.12	1.00	52.89	1.00
0.8700	55.09	1.01	52.77	1.01
0.8800	55.06	1.03	52.30	1.01
0.8900	55.03	1.04	52.03	1.03
0.9000	55.00	1.05	52.05	1.04
0.9100	55.00	1.06	51.86	1.03
0.9200	54.99	1.06	51.91	1.04
0.9300	54.97	1.07	52.11	1.07
0.9400	54.95	1.07	51.68	1.07
0.9500	54.93	1.08	52.11	1.08
0.9600	54.92	1.08	51.85	1.09

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Wed 03/Aug/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	41.93	0.81
0.7450	41.97	0.89	41.76	0.83
0.7550	41.92	0.89	42.16	0.83
0.7650	41.86	0.89	41.77	0.84
0.7750	41.81	0.90	41.73	0.85
0.7850	41.76	0.90	41.63	0.85
0.7950	41.71	0.90	41.55	0.86
0.8050	41.66	0.90	41.15	0.89
0.8150	41.60	0.90	41.53	0.89
0.8250	41.55	0.90	41.08	0.89
0.8350	41.50	0.90	40.86	0.89
0.8450	41.50	0.91	40.67	0.92
0.8550	41.50	0.92	40.39	0.91
0.8650	41.50	0.93	40.69	0.93
0.8750	41.50	0.94	40.10	0.92
0.8850	41.50	0.95	40.25	0.95
0.8950	41.50	0.96	40.26	0.97
0.9050	41.50	0.97	40.13	0.98
0.9150	41.50	0.98	40.07	0.98
0.9250	41.48	0.98	39.64	0.96
0.9350	41.46	0.99	39.84	0.98

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

815 MHz DUT Evaluation (Face)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 04/Aug/2005

Freq Frequency(GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7150	42.12	0.89	42.77	0.80
0.7250	42.07	0.89	42.68	0.81
0.7350	42.02	0.89	42.49	0.82
0.7450	41.97	0.89	42.37	0.83
0.7550	41.92	0.89	42.20	0.83
0.7650	41.86	0.89	42.22	0.84
0.7750	41.81	0.90	42.04	0.86
0.7850	41.76	0.90	41.87	0.86
0.7950	41.71	0.90	41.78	0.87
0.8050	41.66	0.90	41.68	0.88
0.8150	41.60	0.90	41.37	0.90
0.8250	41.55	0.90	41.47	0.90
0.8350	41.50	0.90	41.35	0.91
0.8450	41.50	0.91	41.09	0.92
0.8550	41.50	0.92	41.06	0.92
0.8650	41.50	0.93	40.98	0.93
0.8750	41.50	0.94	40.89	0.95
0.8850	41.50	0.95	40.78	0.95
0.8950	41.50	0.96	40.47	0.96
0.9050	41.50	0.97	40.47	0.97
0.9150	41.50	0.98	40.40	0.98

Test Report Serial No.:	071105BV8-T656-S90F	TR Issue Date:	August 25, 2005
Dates of Evaluation:	July 19-22, 25-28, August 02-04, 2005		Issue 1 Rev. 3
Description of Test:	RF Exposure	SAR	FCC 2.1093 IC RSS-102

835 MHz System Performance Check (Brain)

Celltech Labs Inc.

Test Result for UIM Dielectric Parameter

Thu 04/Aug/2005

Freq Frequency (GHz)

FCC_eH FCC OET 65 Supplement C (June 2001) Limits for Head Epsilon

FCC_sH FCC OET 65 Supplement C (June 2001) Limits for Head Sigma

Test_e Epsilon of UIM

Test_s Sigma of UIM

Freq	FCC_eH	FCC_sH	Test_e	Test_s
0.7350	42.02	0.89	42.22	0.81
0.7450	41.97	0.89	42.22	0.83
0.7550	41.92	0.89	41.89	0.83
0.7650	41.86	0.89	41.81	0.84
0.7750	41.81	0.90	41.88	0.84
0.7850	41.76	0.90	41.74	0.86
0.7950	41.71	0.90	41.76	0.86
0.8050	41.66	0.90	41.43	0.88
0.8150	41.60	0.90	41.45	0.88
0.8250	41.55	0.90	41.48	0.89
0.8350	41.50	0.90	40.78	0.92
0.8450	41.50	0.91	40.89	0.91
0.8550	41.50	0.92	41.05	0.93
0.8650	41.50	0.93	40.73	0.93
0.8750	41.50	0.94	40.82	0.94
0.8850	41.50	0.95	40.52	0.95
0.8950	41.50	0.96	40.47	0.97
0.9050	41.50	0.97	40.40	0.97
0.9150	41.50	0.98	40.21	0.98
0.9250	41.48	0.98	40.09	0.98
0.9350	41.46	0.99	40.01	0.99