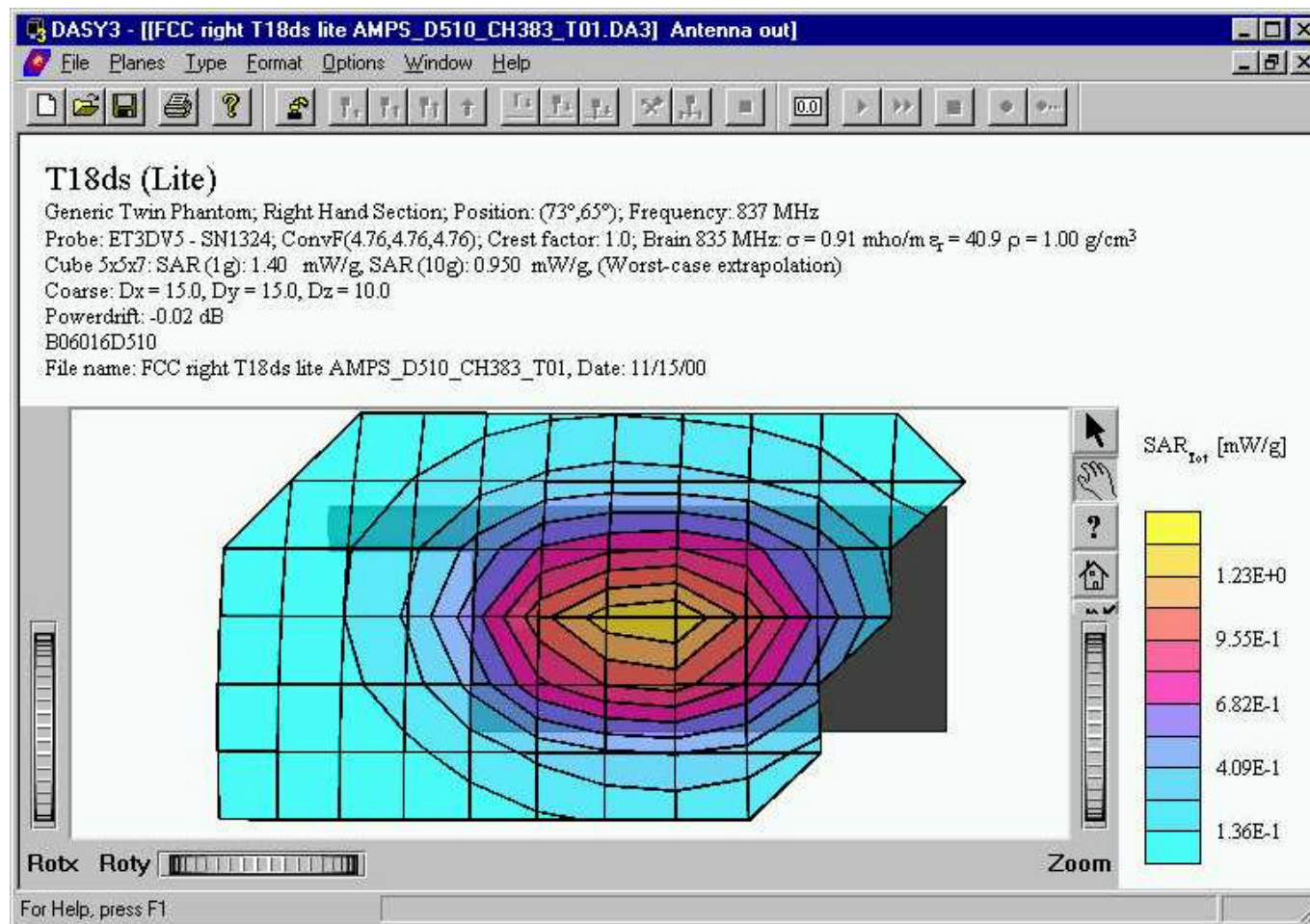


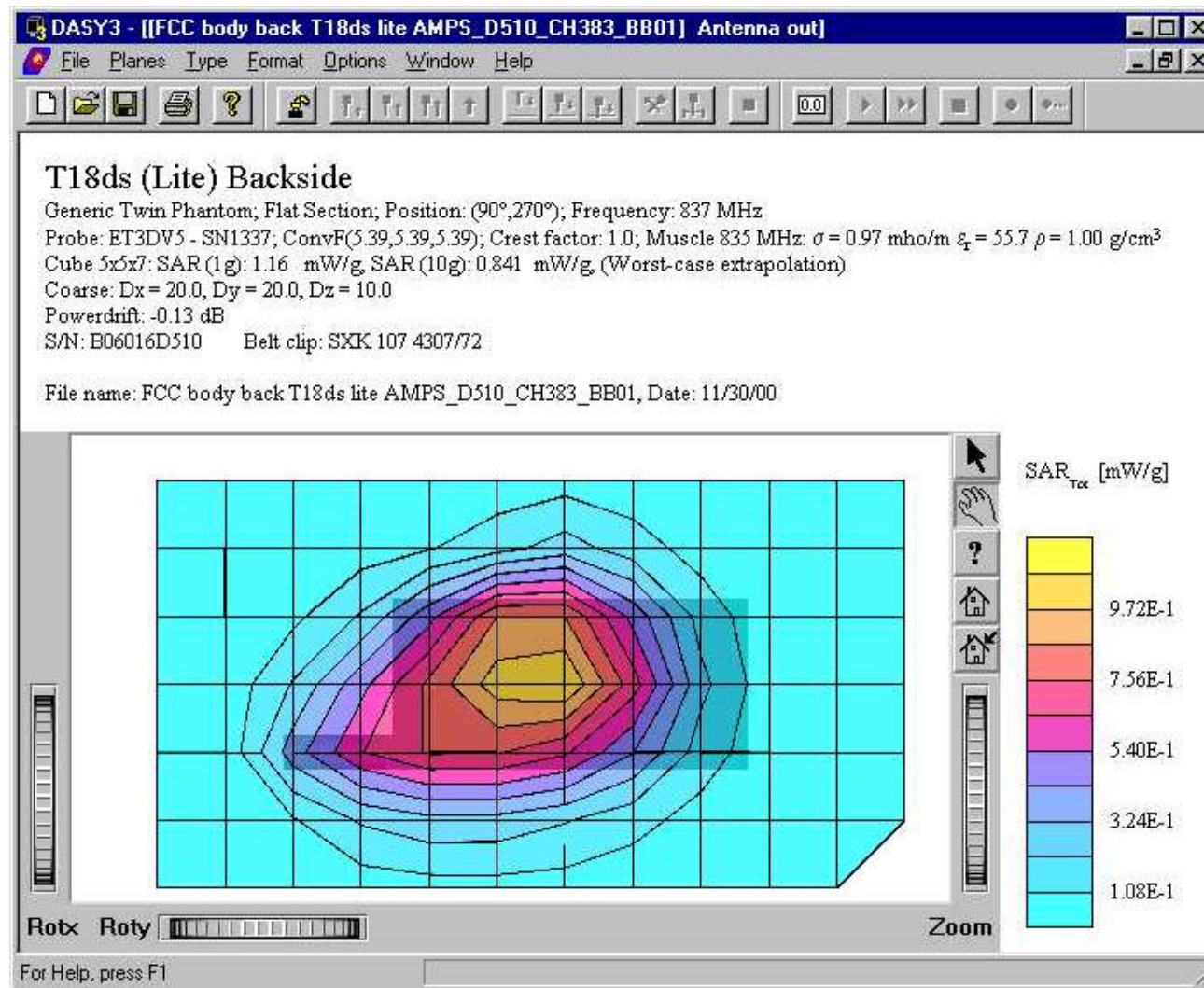
Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	

## Appendix 2: SAR distribution plots



Distribution of maximum SAR in 800 AMPS band. Measured against the head.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



Distribution of maximum SAR in 800 AMPS band. Measured against the body.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	

### Appendix 3: Photographs of Device Under Test



Front view of device.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
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Side view of device.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
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Front view of SXX 107 4307/72.



Side view of SXX 107 4307/72.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



Front view of KRY 104 1253/55.



Side view of KRY 104 1253/55.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
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Side view of KRY 104 1290/1.



Back view of KRY 104 1290/1.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



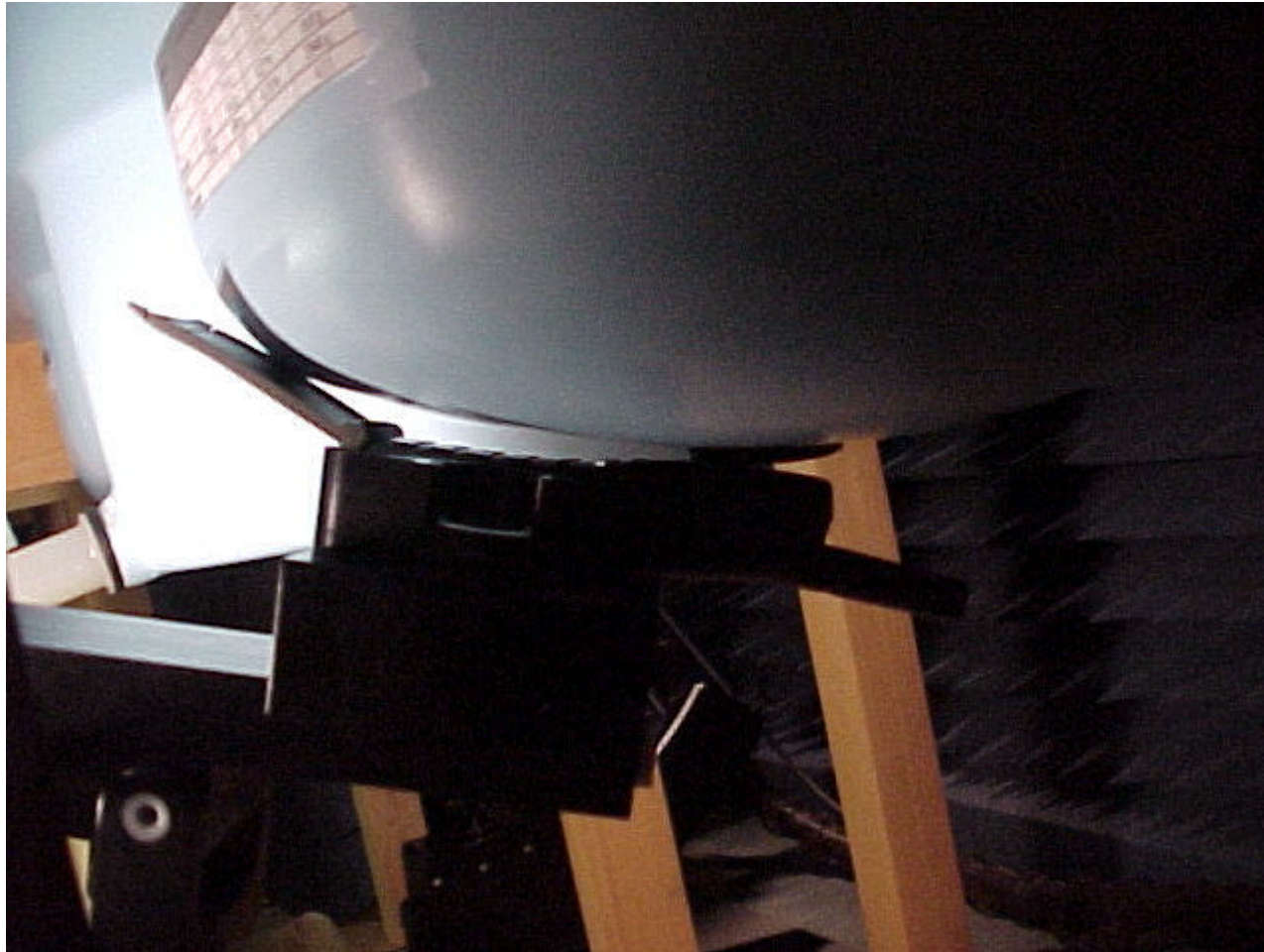
Front view of SXX 107 6820/55.



Side view of SXX 107 6820/55.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	

#### Appendix 4: Position of Device on Phantom



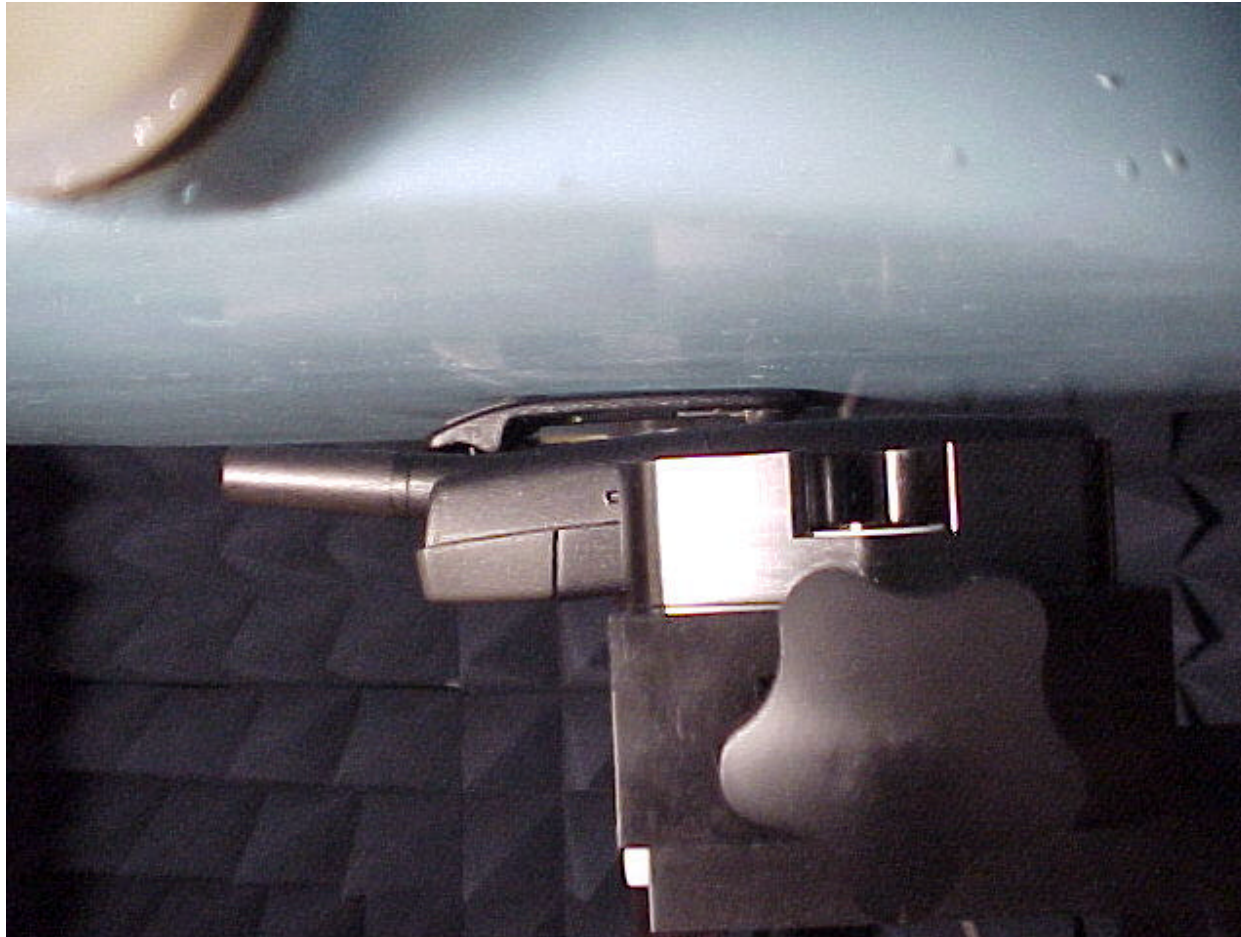
Position of device against head phantom.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



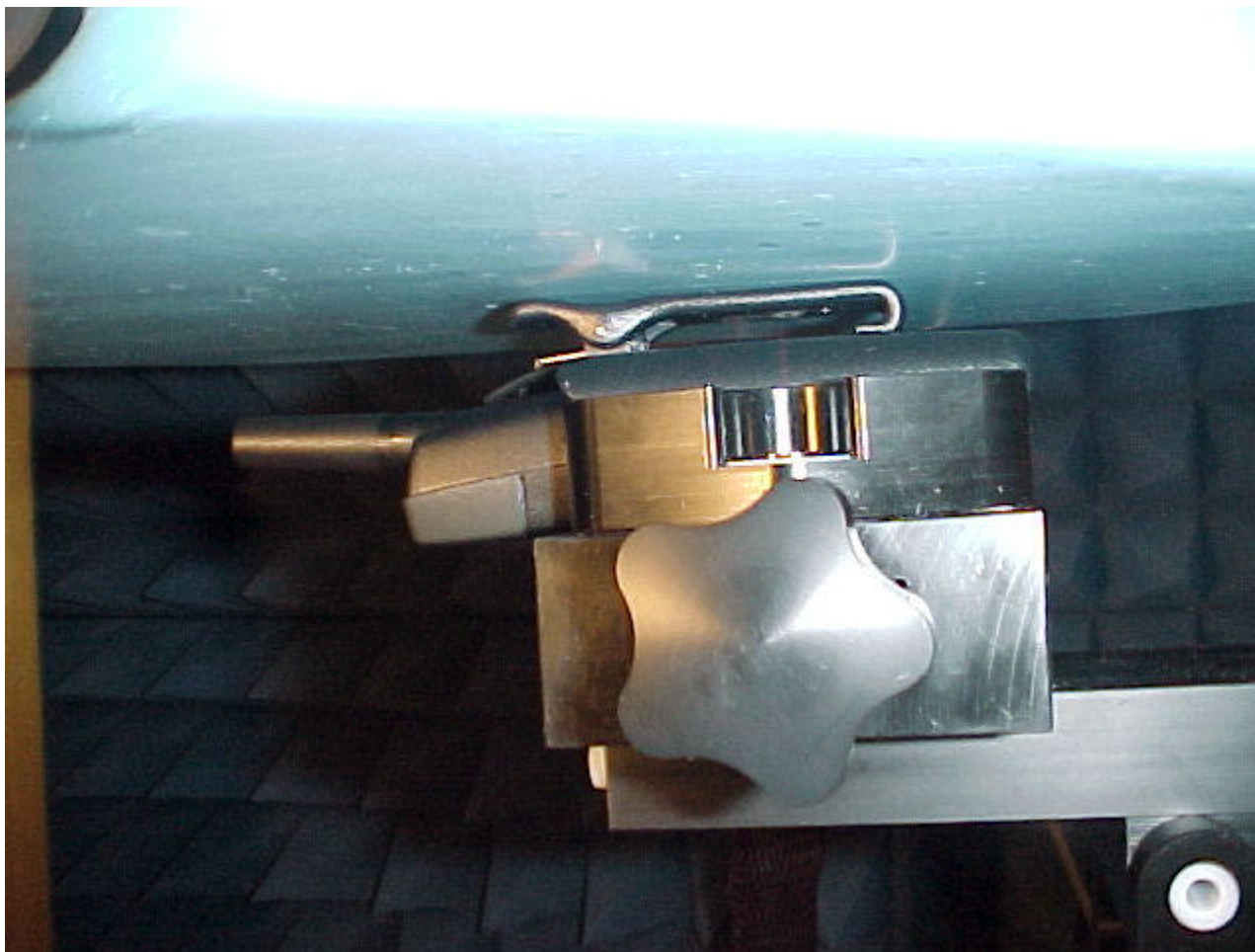
Position of device against flat phantom using carry accessory KRY 104 1290/1.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



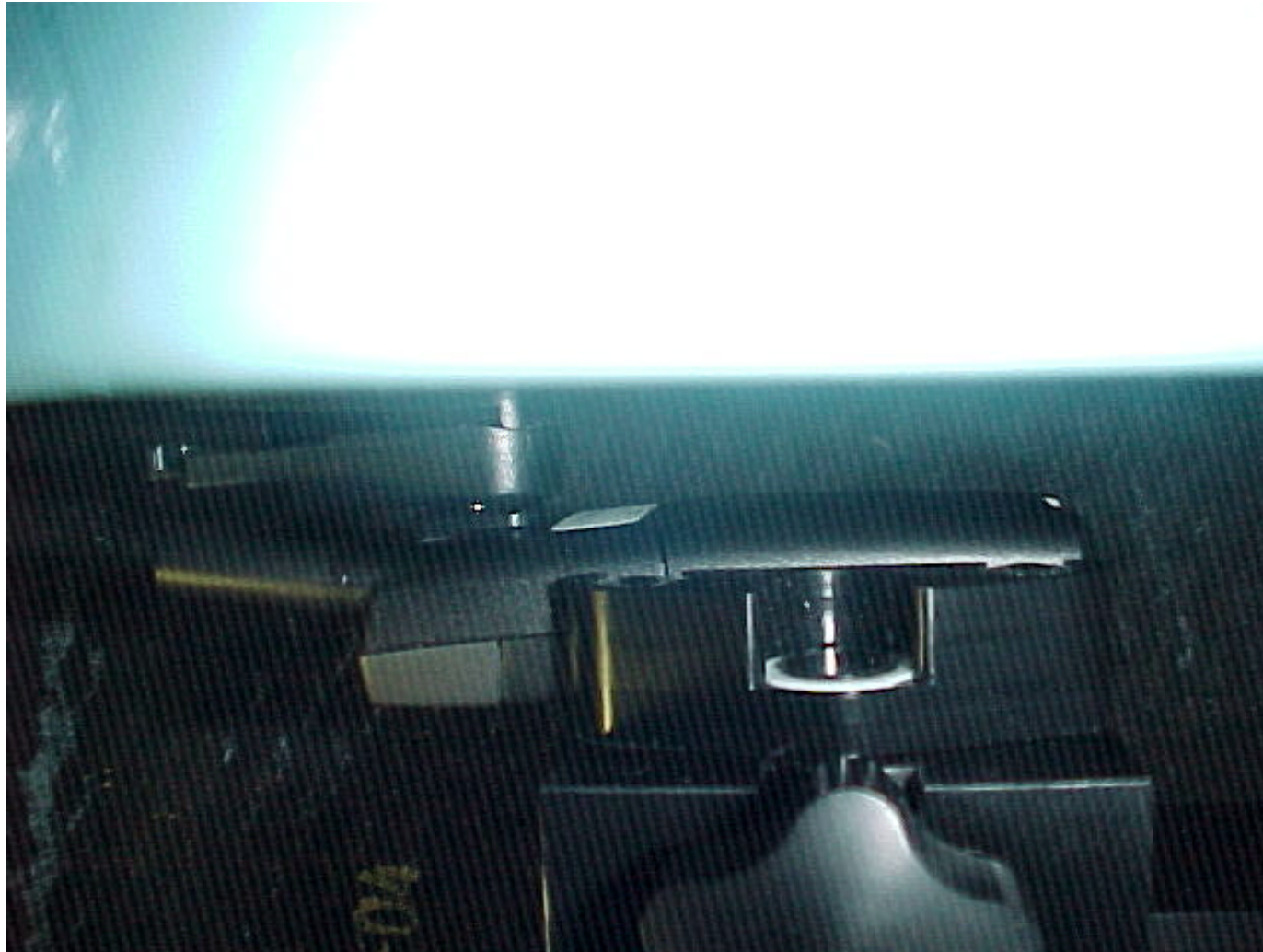
Position of device against flat phantom using carry accessory SXX 107 4307/72.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



Position of device against flat phantom using carry accessory KRY 104 1253/55.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP	
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



Position of device against flat phantom using carry accessory SXX 107 6280/55.

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP		
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C	File U:\FCC_TRNS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc

## Appendix 5: Probe calibration parameters

### DASY3 - Parameters of Probe: ET3DV5 SN:1324

#### Sensitivity in Free Space

NormX	<b>1.51</b> $\mu\text{V}/(\text{V}/\text{m})^2$
NormY	<b>1.73</b> $\mu\text{V}/(\text{V}/\text{m})^2$
NormZ	<b>1.52</b> $\mu\text{V}/(\text{V}/\text{m})^2$

#### Diode Compression

DCP X	<b>104</b> mV
DCP Y	<b>104</b> mV
DCP Z	<b>104</b> mV

#### Sensitivity in Tissue Simulating Liquid

Brain	450 MHz	$\epsilon_r = 48 \pm 5\%$	$\sigma = 0.50 \pm 10\% \text{ mho/m}$
ConvF X	5.07	extrapolated	Boundary effect:
ConvF Y	5.07	extrapolated	Alpha 0.07
ConvF Z	5.07	extrapolated	Depth 4.22
Brain	900 MHz	$\epsilon_r = 42.5 \pm 5\%$	$\sigma = 0.86 \pm 10\% \text{ mho/m}$
ConvF X	4.76	$\pm 7\%$ (k=2)	Boundary effect:
ConvF Y	4.76	$\pm 7\%$ (k=2)	Alpha 0.27
ConvF Z	4.76	$\pm 7\%$ (k=2)	Depth 3.47
Brain	1500 MHz	$\epsilon_r = 41 \pm 5\%$	$\sigma = 1.32 \pm 10\% \text{ mho/m}$
ConvF X	4.35	interpolated	Boundary effect:
ConvF Y	4.35	interpolated	Alpha 0.54
ConvF Z	4.35	interpolated	Depth 2.48
Brain	1800 MHz	$\epsilon_r = 41 \pm 5\%$	$\sigma = 1.69 \pm 10\% \text{ mho/m}$
ConvF X	4.15	$\pm 7\%$ (k=2)	Boundary effect:
ConvF Y	4.15	$\pm 7\%$ (k=2)	Alpha 0.68
ConvF Z	4.15	$\pm 7\%$ (k=2)	Depth 1.98

#### Sensor Offset

Probe Tip to Sensor Center	<b>2.7</b>	mm
Optical Surface Detection	<b>2.0 <math>\pm</math> 0.2</b>	mm

Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP		
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C	File U:\FCC_TRNS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc

## DASY3 - Parameters of Probe: ET3DV5 SN:1337

### Sensitivity in Free Space

### Diode Compression

NormX	<b>2.29</b> $\mu\text{V}/(\text{V/m})^2$	DCP X	<b>99</b> mV
NormY	<b>2.05</b> $\mu\text{V}/(\text{V/m})^2$	DCP Y	<b>99</b> mV
NormZ	<b>2.10</b> $\mu\text{V}/(\text{V/m})^2$	DCP Z	<b>99</b> mV

### Sensitivity in Tissue Simulating Liquid

**Brain**      **450 MHz**       $\epsilon_r = 48 \pm 5\%$        $\sigma = 0.50 \pm 10\%$  mho/m

ConvF X	<b>5.87</b> extrapolated	Boundary effect:	
ConvF Y	<b>5.87</b> extrapolated	Alpha	<b>0.75</b>
ConvF Z	<b>5.87</b> extrapolated	Depth	<b>1.45</b>

**Brain**      **900 MHz**       $\epsilon_r = 42.5 \pm 5\%$        $\sigma = 0.86 \pm 10\%$  mho/m

ConvF X	<b>5.56</b> $\pm 7\%$ (k=2)	Boundary effect:	
ConvF Y	<b>5.56</b> $\pm 7\%$ (k=2)	Alpha	<b>0.74</b>
ConvF Z	<b>5.56</b> $\pm 7\%$ (k=2)	Depth	<b>1.63</b>

**Brain**      **1500 MHz**       $\epsilon_r = 41 \pm 5\%$        $\sigma = 1.32 \pm 10\%$  mho/m

ConvF X	<b>5.14</b> interpolated	Boundary effect:	
ConvF Y	<b>5.14</b> interpolated	Alpha	<b>0.71</b>
ConvF Z	<b>5.14</b> interpolated	Depth	<b>1.86</b>

**Brain**      **1800 MHz**       $\epsilon_r = 41 \pm 5\%$        $\sigma = 1.69 \pm 10\%$  mho/m

ConvF X	<b>4.93</b> $\pm 7\%$ (k=2)	Boundary effect:	
ConvF Y	<b>4.93</b> $\pm 7\%$ (k=2)	Alpha	<b>0.70</b>
ConvF Z	<b>4.93</b> $\pm 7\%$ (k=2)	Depth	<b>1.98</b>

### Sensor Offset

Probe Tip to Sensor Center	<b>2.7</b>	mm
Optical Surface Detection	<b>2.0 <math>\pm</math> 0.2</b>	mm