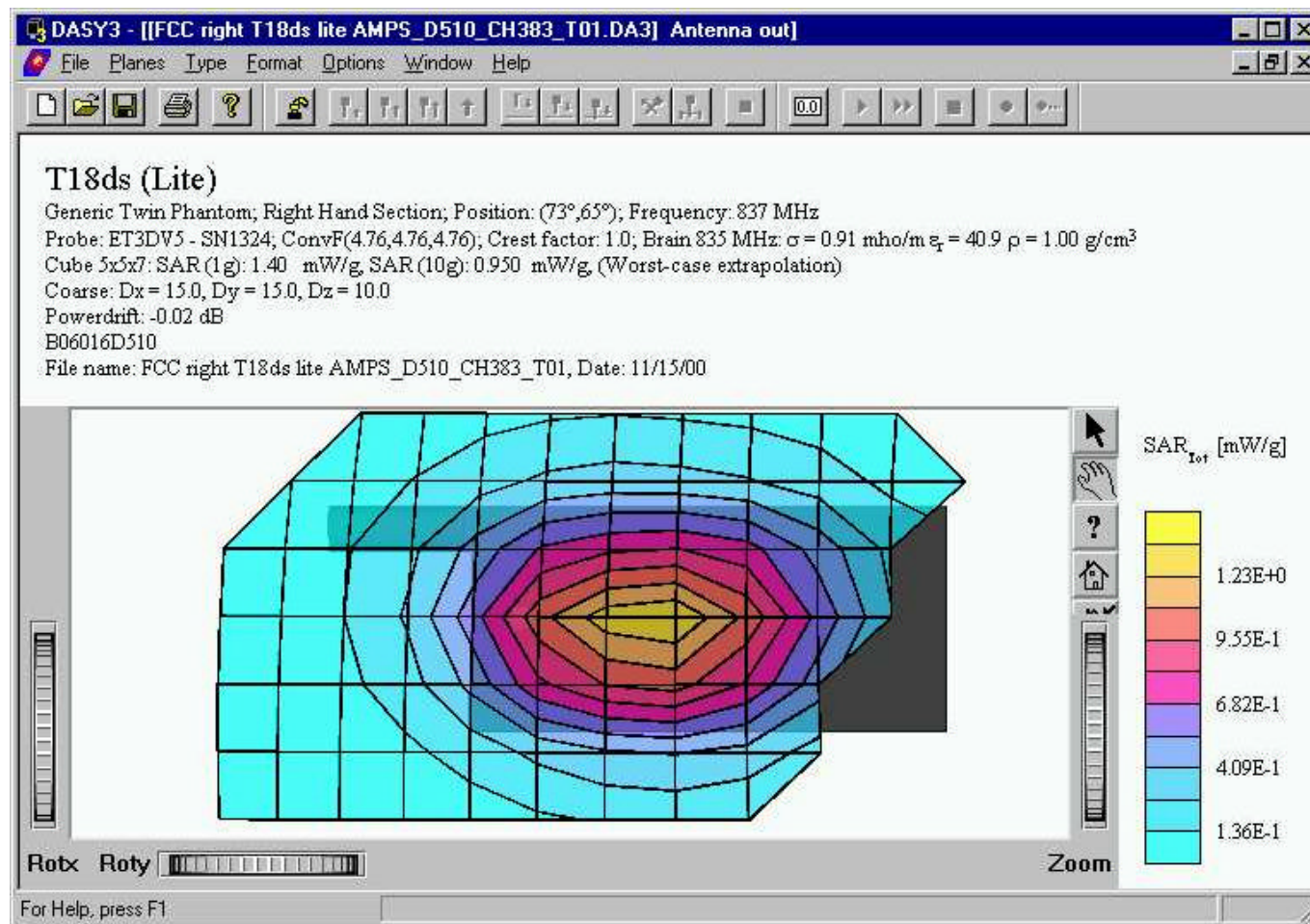


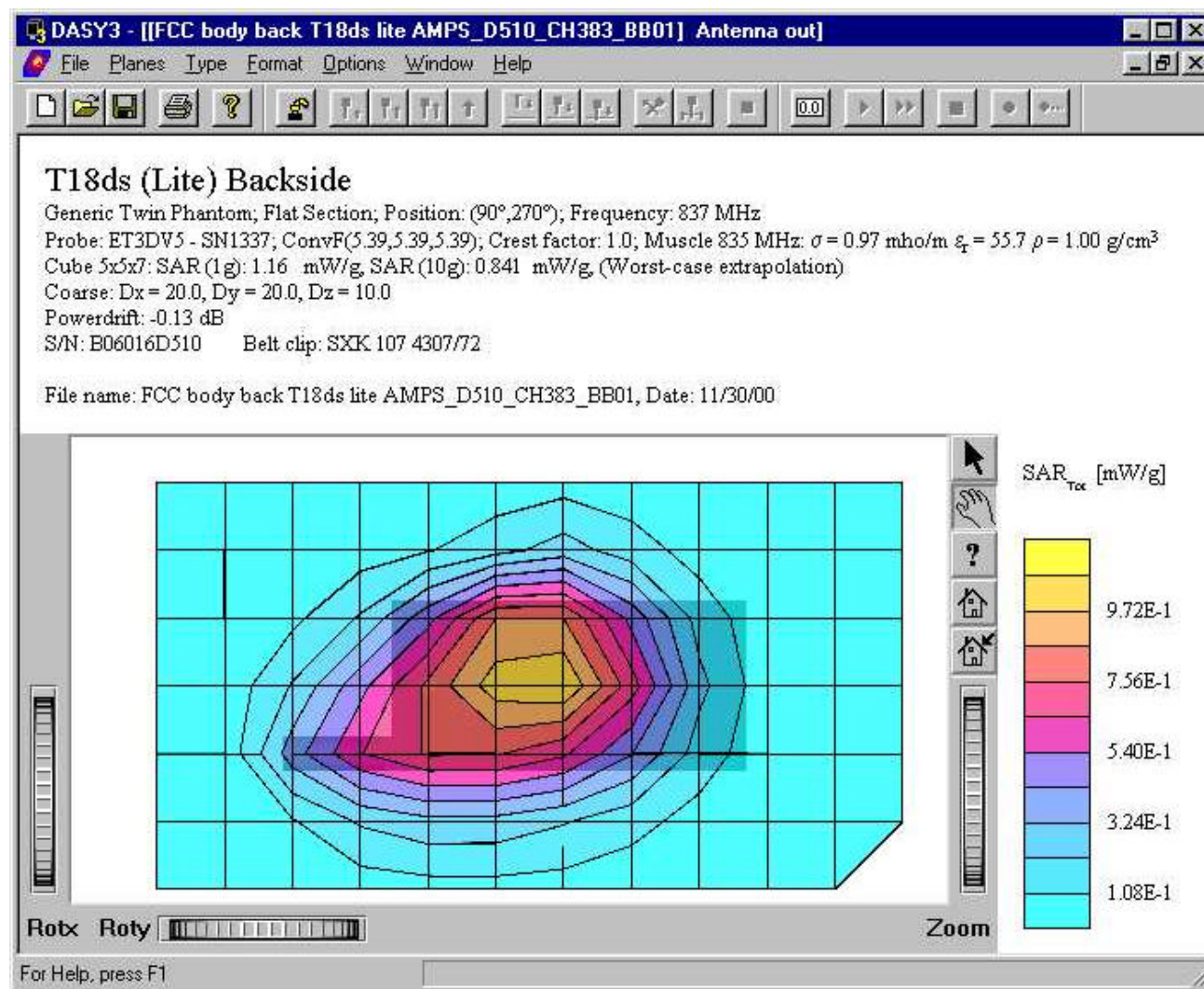
Prepared (also subject responsible if other) EUS/CV/RF/P Mark Douglas		No. EUS/CV/R-00:0386/REP		
Approved EUS/CV/RF/P Mark Douglas	Checked MGD	Date 2001-02-02	Rev C	File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc

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_TRNS\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	File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc



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	File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc



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
		File U:\FCC_TRANS\FCC_416 doly emilia2 lite\XHIBIT11\sar new.doc	



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



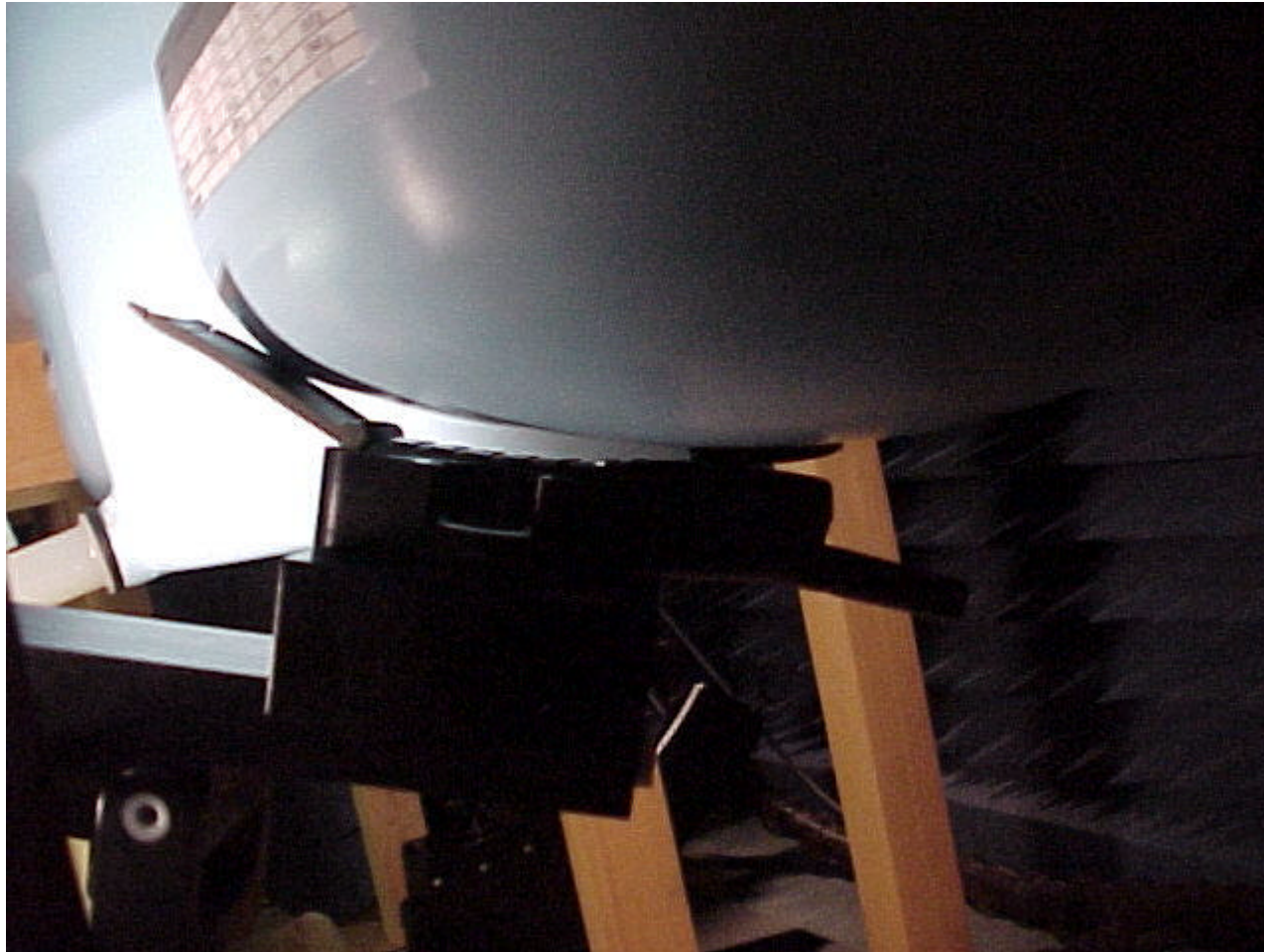
Front view of SXX 107 6820/55.



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



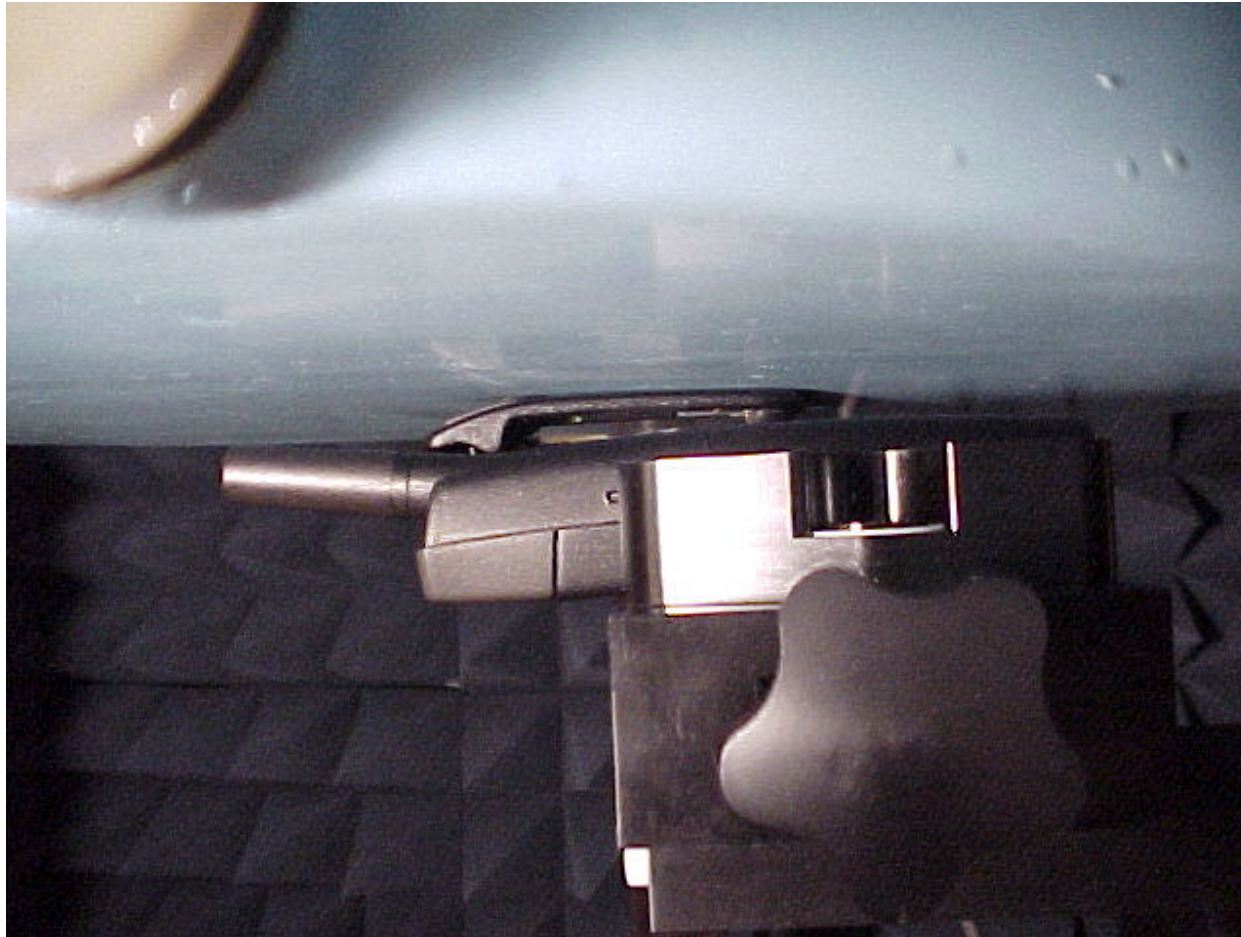
Position of device against head phantom.

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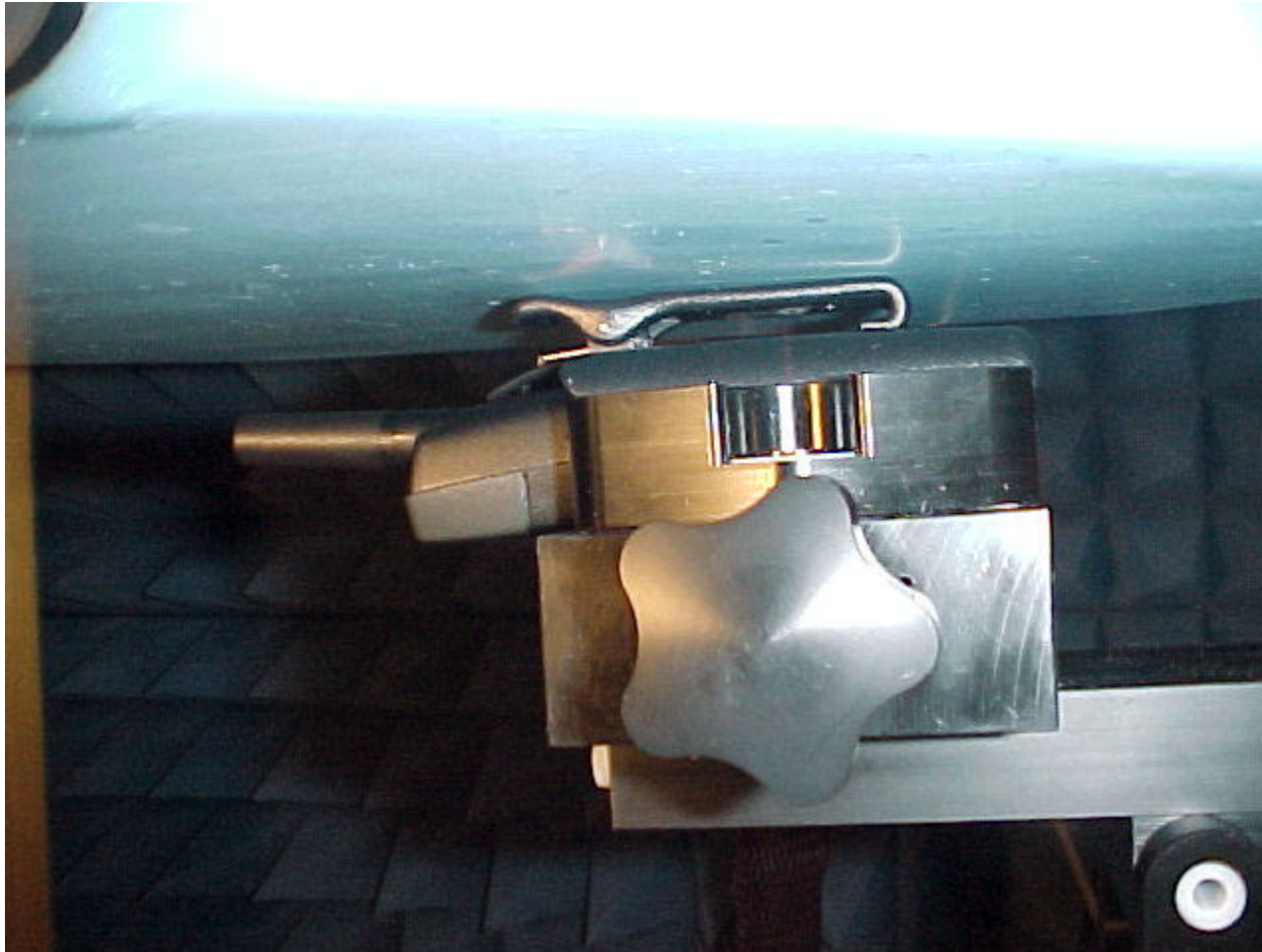
Position of device against flat phantom using carry accessory KRY 104 1290/1.

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	



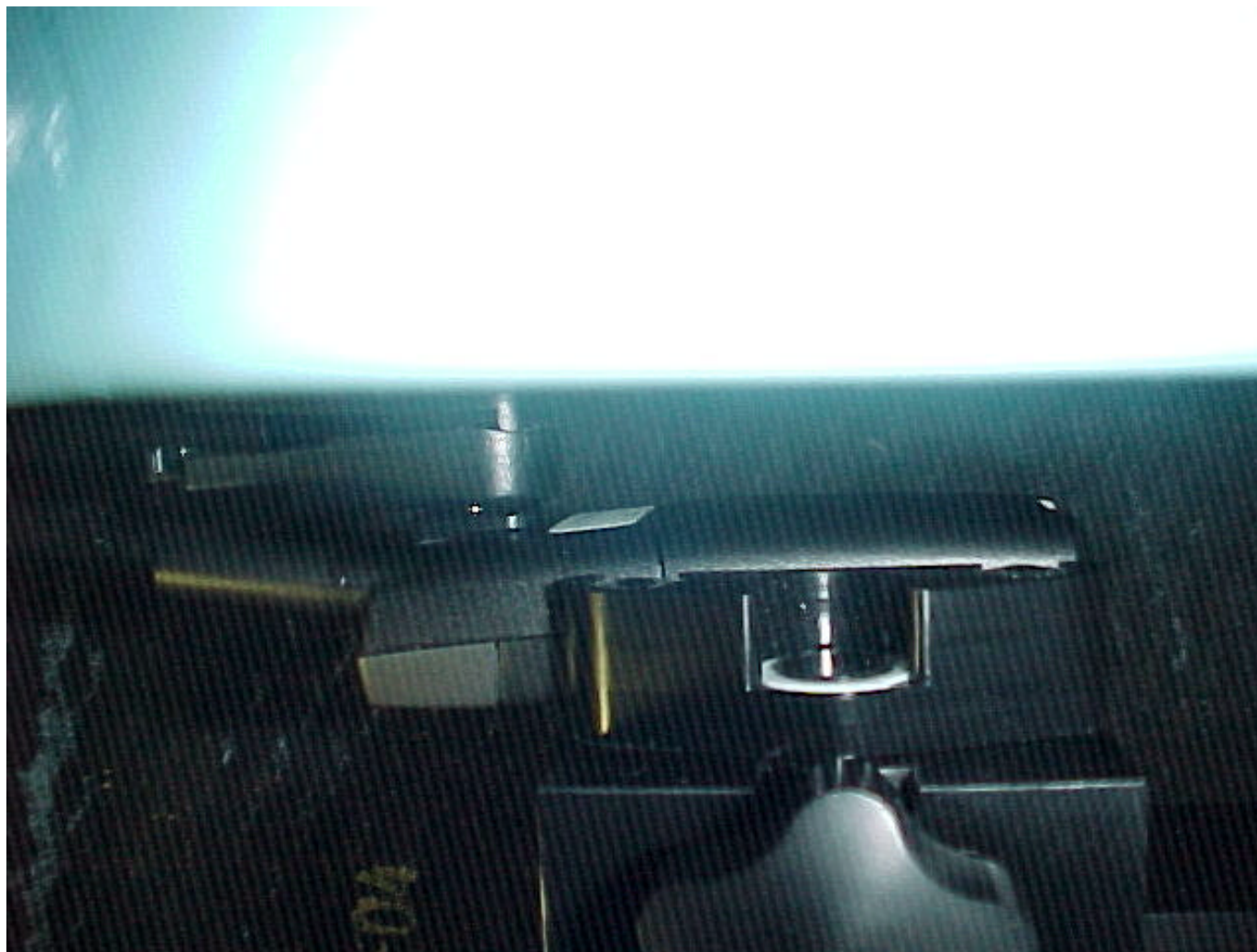
Position of device against flat phantom using carry accessory SXX 107 4307/72.

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

Diode Compression

DCP X	104 mV
DCP Y	104 mV
DCP Z	104 mV

Sensitivity in Tissue Simulating Liquid

Brain	450 MHz	$\epsilon_r = 48 \pm 5\%$	$\sigma = 0.50 \pm 10\% \text{ mho}/\text{m}$
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	$\epsilon_r = 42.5 \pm 5\%$	$\sigma = 0.86 \pm 10\% \text{ mho}/\text{m}$
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	$\epsilon_r = 41 \pm 5\%$	$\sigma = 1.32 \pm 10\% \text{ mho}/\text{m}$
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	$\epsilon_r = 41 \pm 5\%$	$\sigma = 1.69 \pm 10\% \text{ mho}/\text{m}$
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	2.7	mm
Optical Surface Detection	2.0 $\pm$ 0.2	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	2.29 $\mu\text{V}/(\text{V}/\text{m})^2$	DCP X	99 mV
NormY	2.05 $\mu\text{V}/(\text{V}/\text{m})^2$	DCP Y	99 mV
NormZ	2.10 $\mu\text{V}/(\text{V}/\text{m})^2$	DCP Z	99 mV

Sensitivity in Tissue Simulating Liquid

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

ConvF X	5.87 extrapolated	Boundary effect:	
ConvF Y	5.87 extrapolated	Alpha	0.75
ConvF Z	5.87 extrapolated	Depth	1.45

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

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

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

ConvF X	5.14 interpolated	Boundary effect:	
ConvF Y	5.14 interpolated	Alpha	0.71
ConvF Z	5.14 interpolated	Depth	1.86

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

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

Sensor Offset

Probe Tip to Sensor Center	2.7	mm
Optical Surface Detection	2.0 $\pm$ 0.2	mm