

UNCLASSIFIED

ITC-8201D Serial No. 206

W.O.2864

Water Temp: 17 deg C

Test Dist: 2 m

Test Depth: 2 m

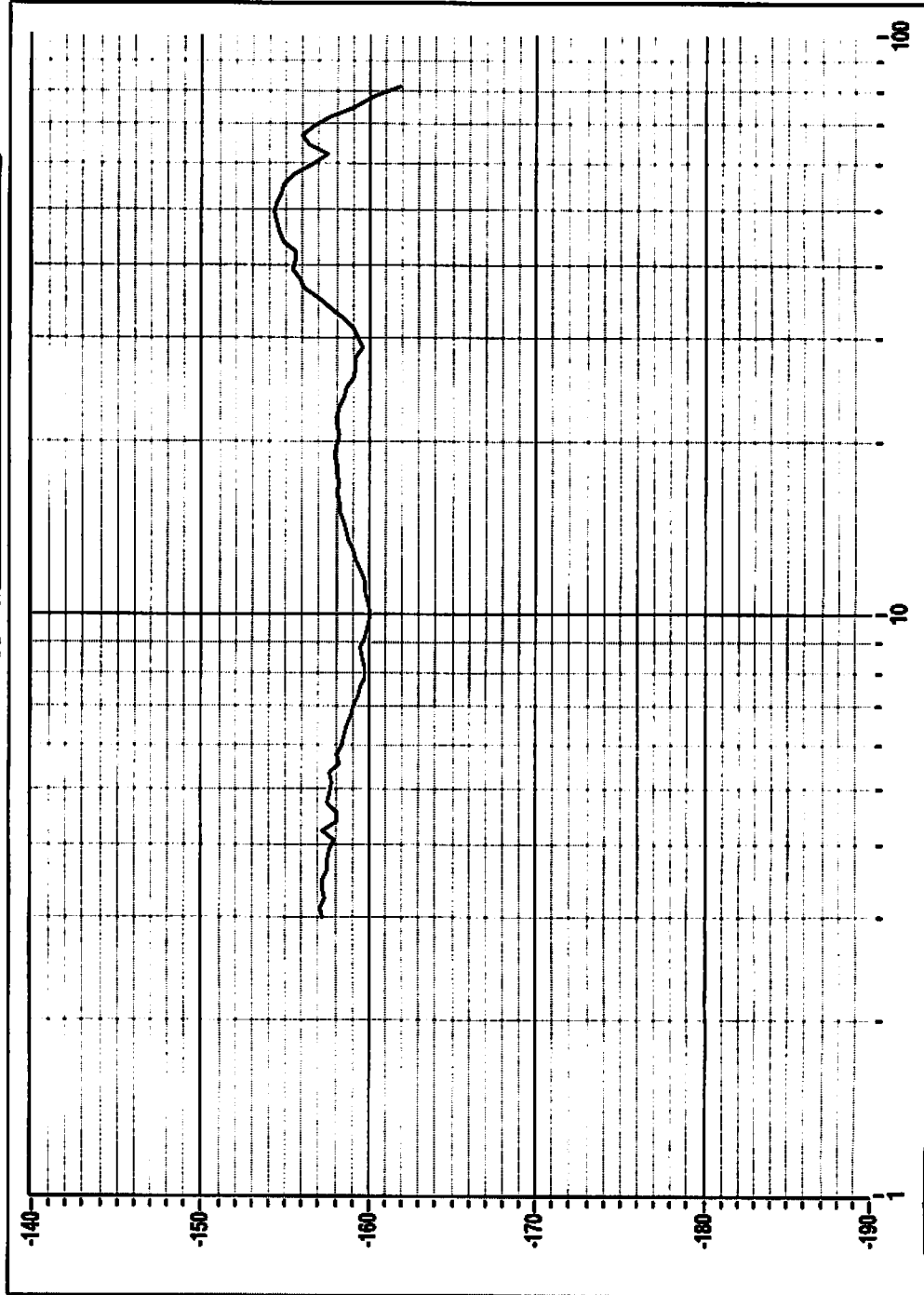
International Transducer Corp.

Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 9:45:29 AM

Receive Sensitivity vs Frequency



Receive sensitivity (dB/
V/uPa)

Frequency (kHz)

UNCLASSIFIED

ITC-8201 Serial No. 206

w.o.2864

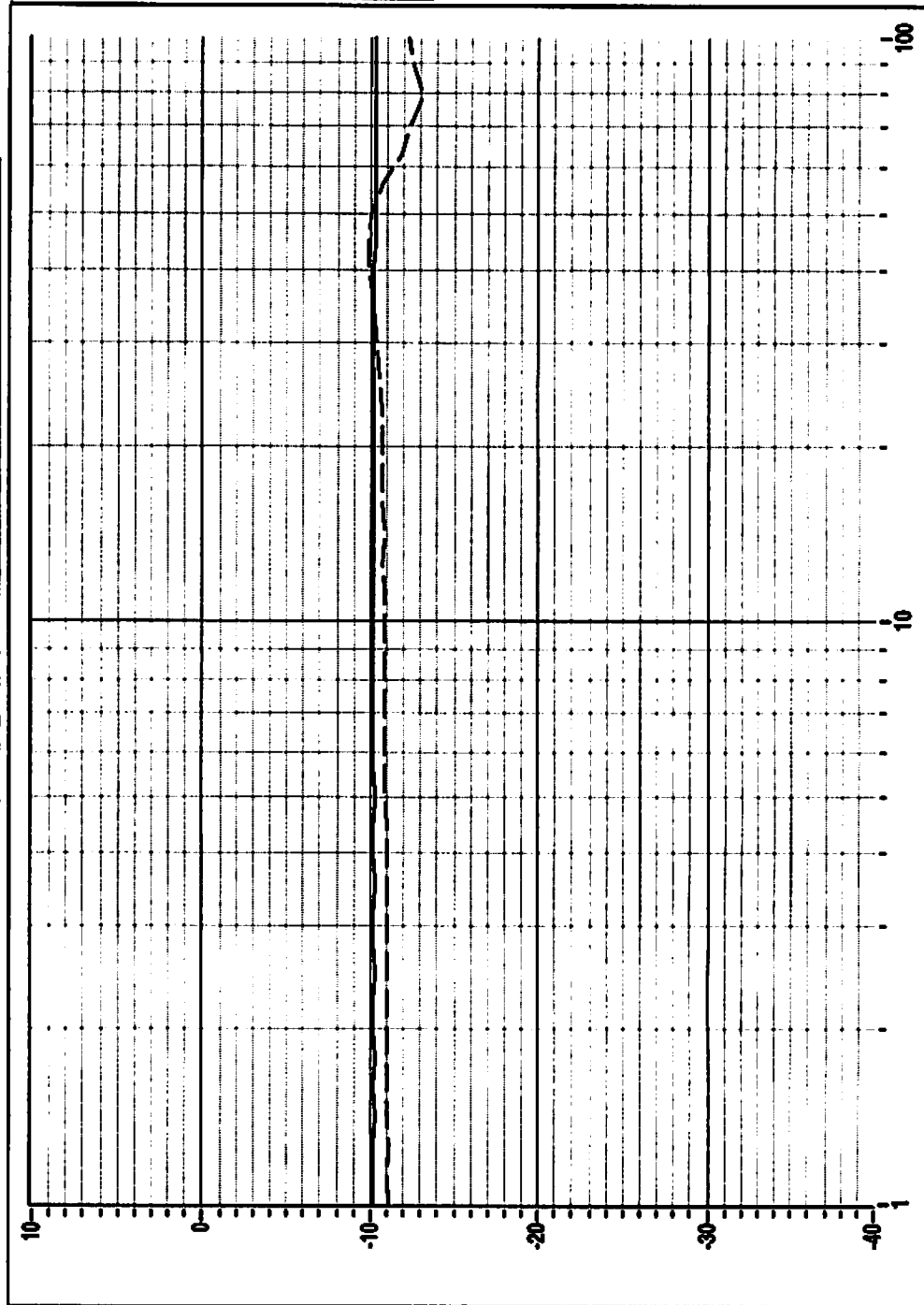
International Transducer Corp.

Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Mon, May 17, 1999 2:14:04 PM

Cal in / Cal out vs Frequency



(dBV)

Frequency (kHz)

FQM_polar_plot_Hard_Copy.vi
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 Last modified on 3/18/99 at 10:56 AM
 Printed on 5/14/99 at 4:09 PM

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ITC- 8201

Serial Number 206

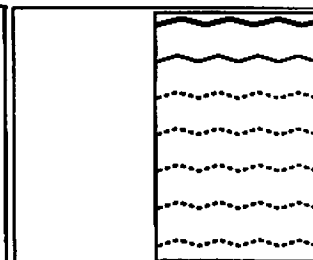
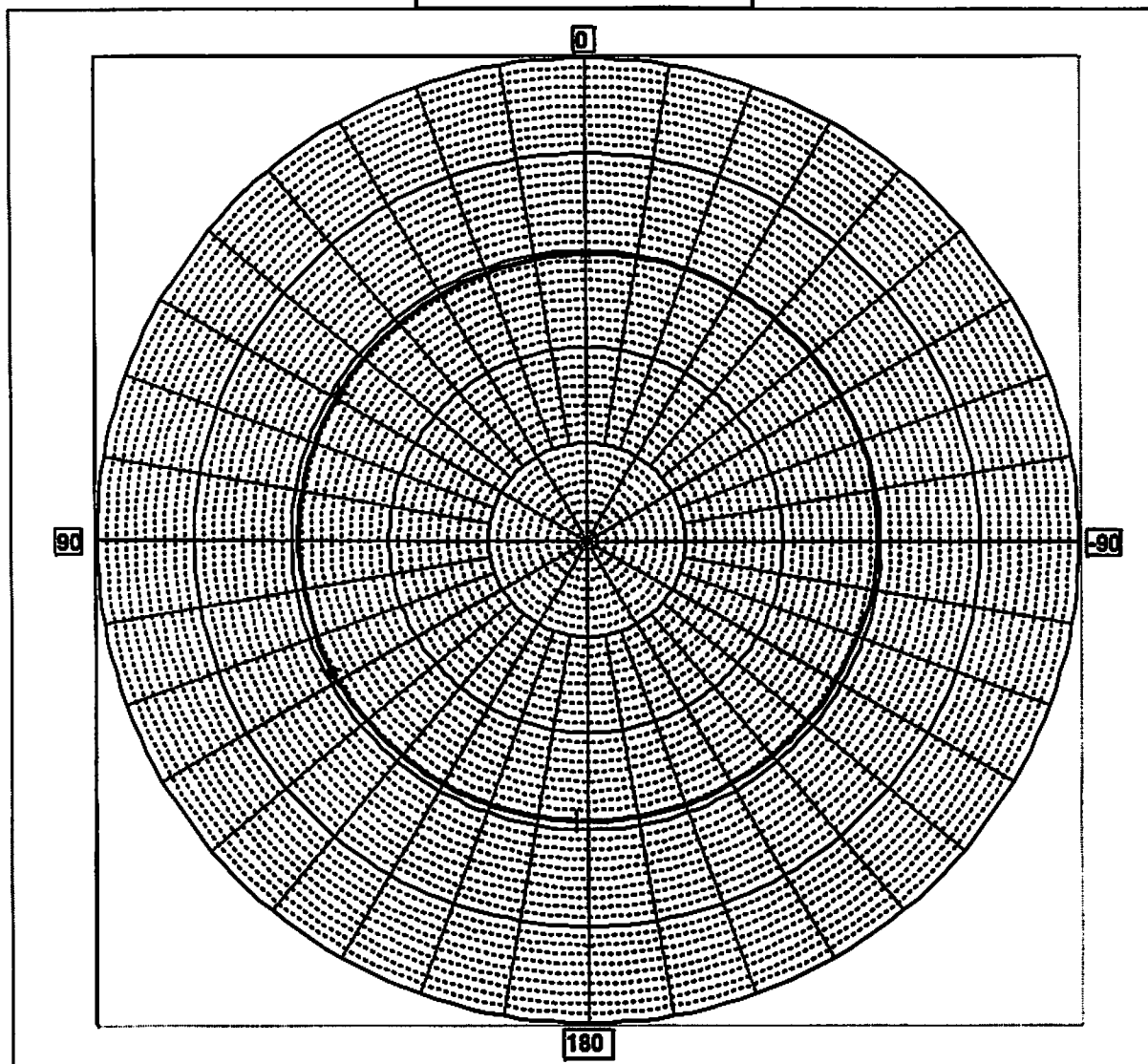
International Transducer Corp.**Test Tank 1**

869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 4:02:33 PM

Directivity Pattern XY Plane

25 kHz

**Graph Info.**

Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

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Angle Ord

Cursor 1	0.00	-0.29	
Cursor 2	-242.50	-0.68	
Cursor 3	-182.50	-0.92	
Cursor 4	59.13	-0.69	

FQM_polar_plot_Hard_Copy.vi
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 Last modified on 3/18/99 at 10:56 AM
 Printed on 5/14/99 at 4:09 PM

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ITC- 8201

Serial Number 206

International Transducer Corp.

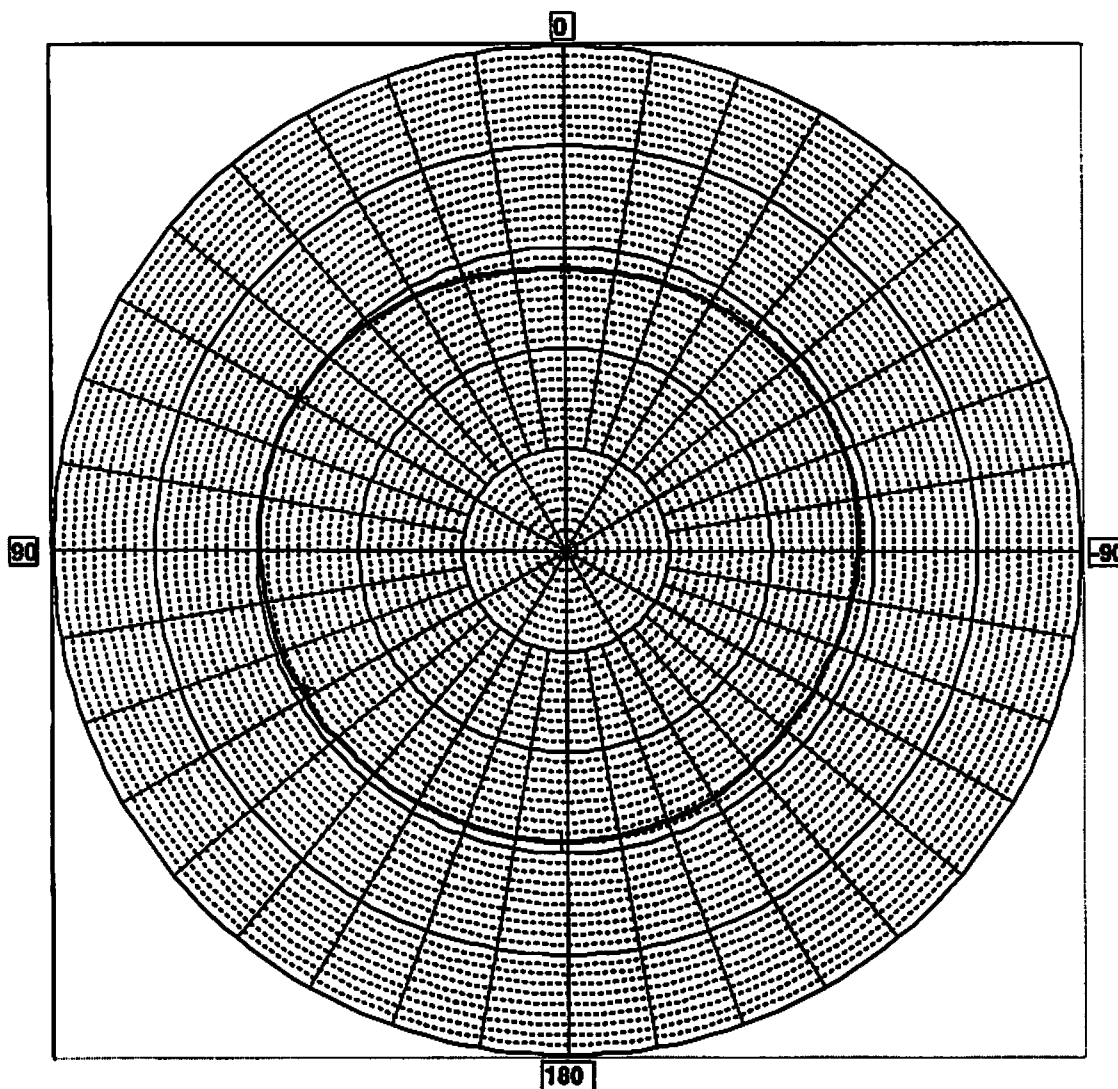
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 4:00:58 PM

Directivity Pattern XY Plane

50 kHz

**Graph Info.**

Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

UNCLASSIFIED

Angle

Ord

Cursor 1	0.00	-2.19	☐	+	☐
Cursor 2	-241.70	-0.96	☐	+	☐
Cursor 3	-181.00	-1.10	☐	+	☐
Cursor 4	59.93	-0.01	☐	+	☐

FQM_polar_plot_Hard_Copy.vi

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Last modified on 3/18/99 at 10:56 AM

Printed on 5/18/99 at 10:46 AM

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ITC- 8201

Serial Number 206

International Transducer Corp.

Cable @ 180 degrees

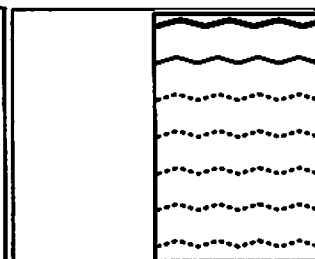
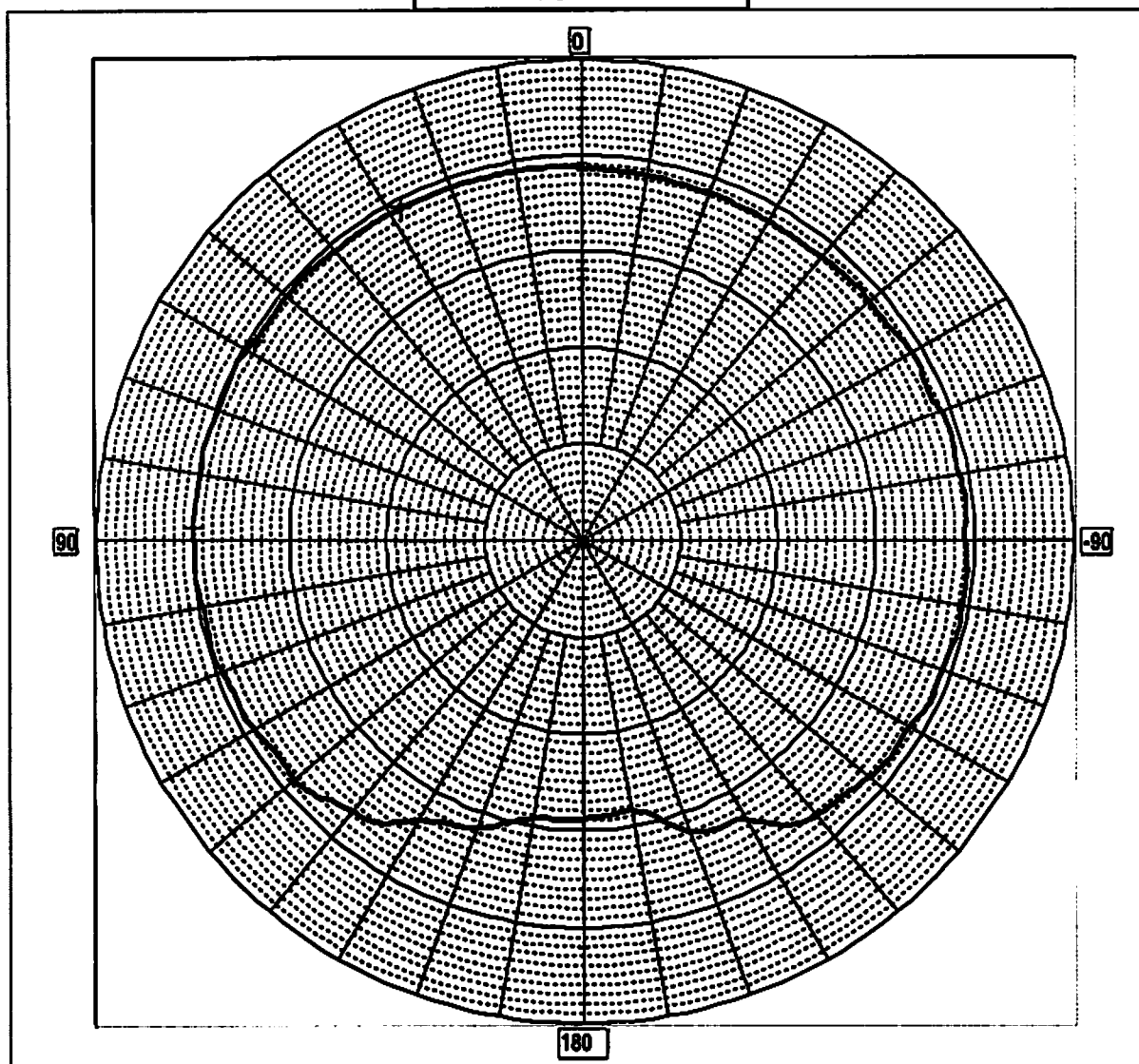
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 10:41:21 AM

Directivity Pattern XZ Plane

25 kHz

**Graph Info**

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

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Angle Ord

Cursor 1	0.00	-1.13	☐	☐	☐
Cursor 2	58.15	-0.49	☐	☐	☐
Cursor 3	88.19	-0.11	☐	☐	☐
Cursor 4	28.08	-0.90	☐	☐	☐



FQM_polar_plot_Hard_Copy.vi

C:\LabView\GQM-2b\Gqm2b_pl.lib\FQM_polar_plot_Hard_Copy.vi

Last modified on 3/18/99 at 10:56 AM

Printed on 5/18/99 at 10:46 AM

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ITC- 8201

Serial Number 206

International Transducer Corp.

Cable @ 180 degrees

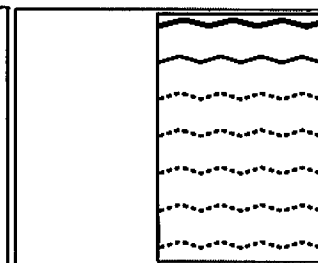
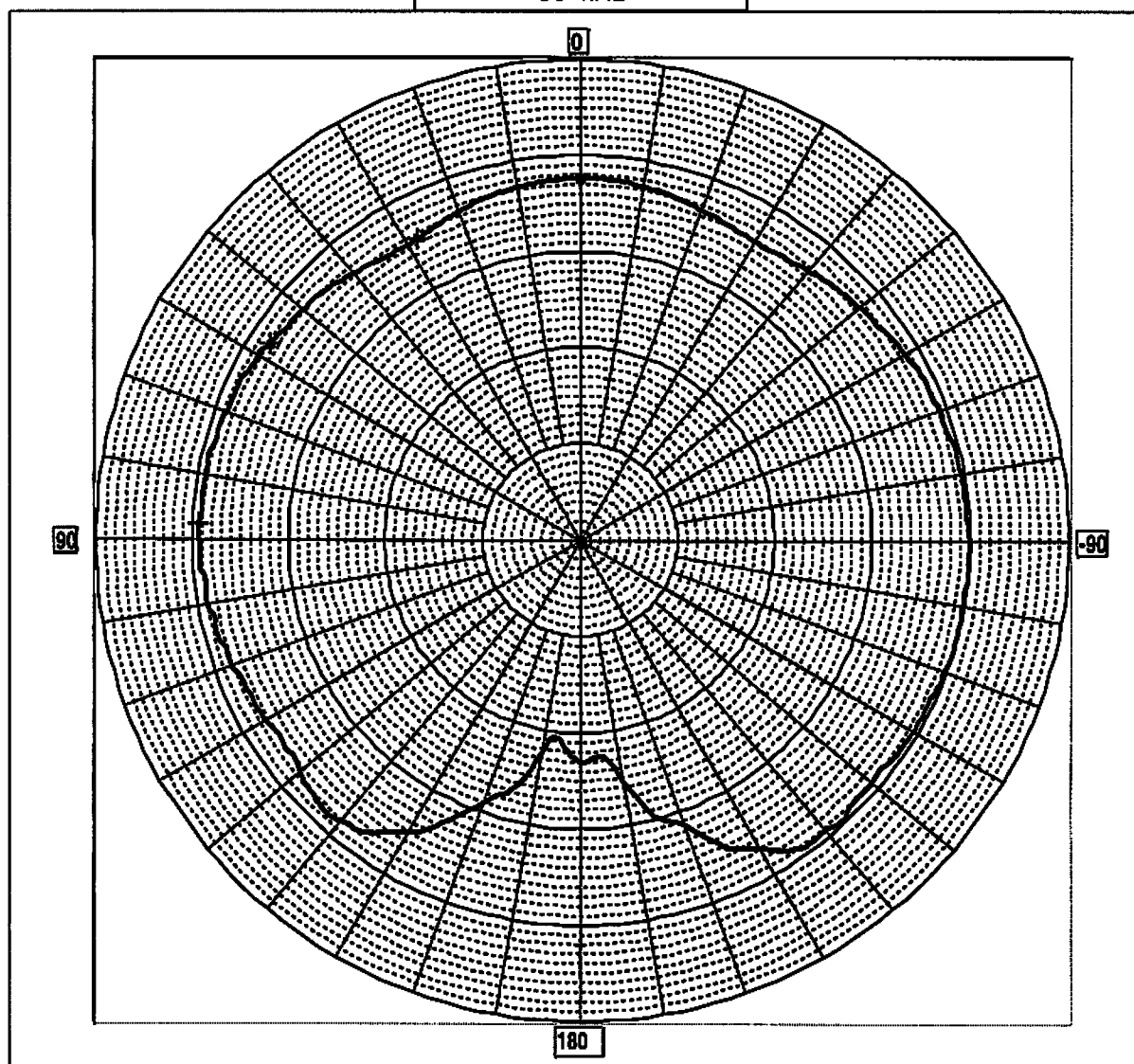
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 10:39:45 AM

Directivity Pattern XZ Plane

50 kHz

**Graph Info.**

Outer Circle 10 dB
Center -40 dB
dB/Div 1 dB

UNCLASSIFIED

Angle Ord

Cursor 1	0.00	-2.40	☐	☒	☐
Cursor 2	57.35	-2.12	☐	☒	☐
Cursor 3	87.40	-0.66	☐	☒	☐
Cursor 4	28.08	-4.48	☐	☒	☐



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ITC-8201 D Serial No. 207

W.O.2864

Water Temp: 17 deg C

Test Dist: 2 m

Test Depth: 2 m

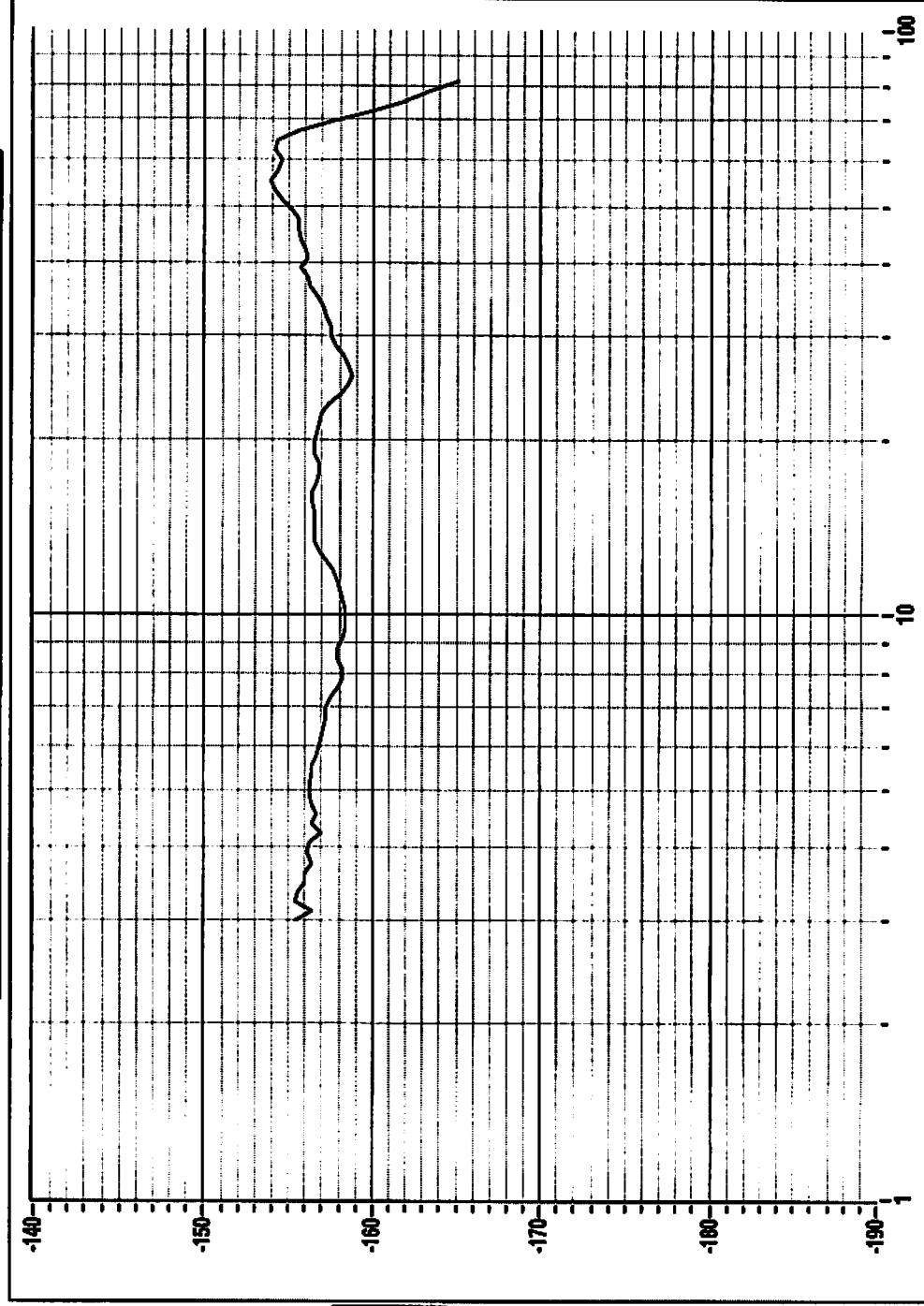
International Transducer Corp.

Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 10:22:00 AM

Receive Sensitivity vs Frequency



Receive sensitivity (dB/
V/uPa)

Frequency (kHz)

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 Last modified on 3/18/99 at 10:56 AM
 Printed on 5/14/99 at 4:07 PM

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ITC- 8201

Serial Number 207

International Transducer Corp.

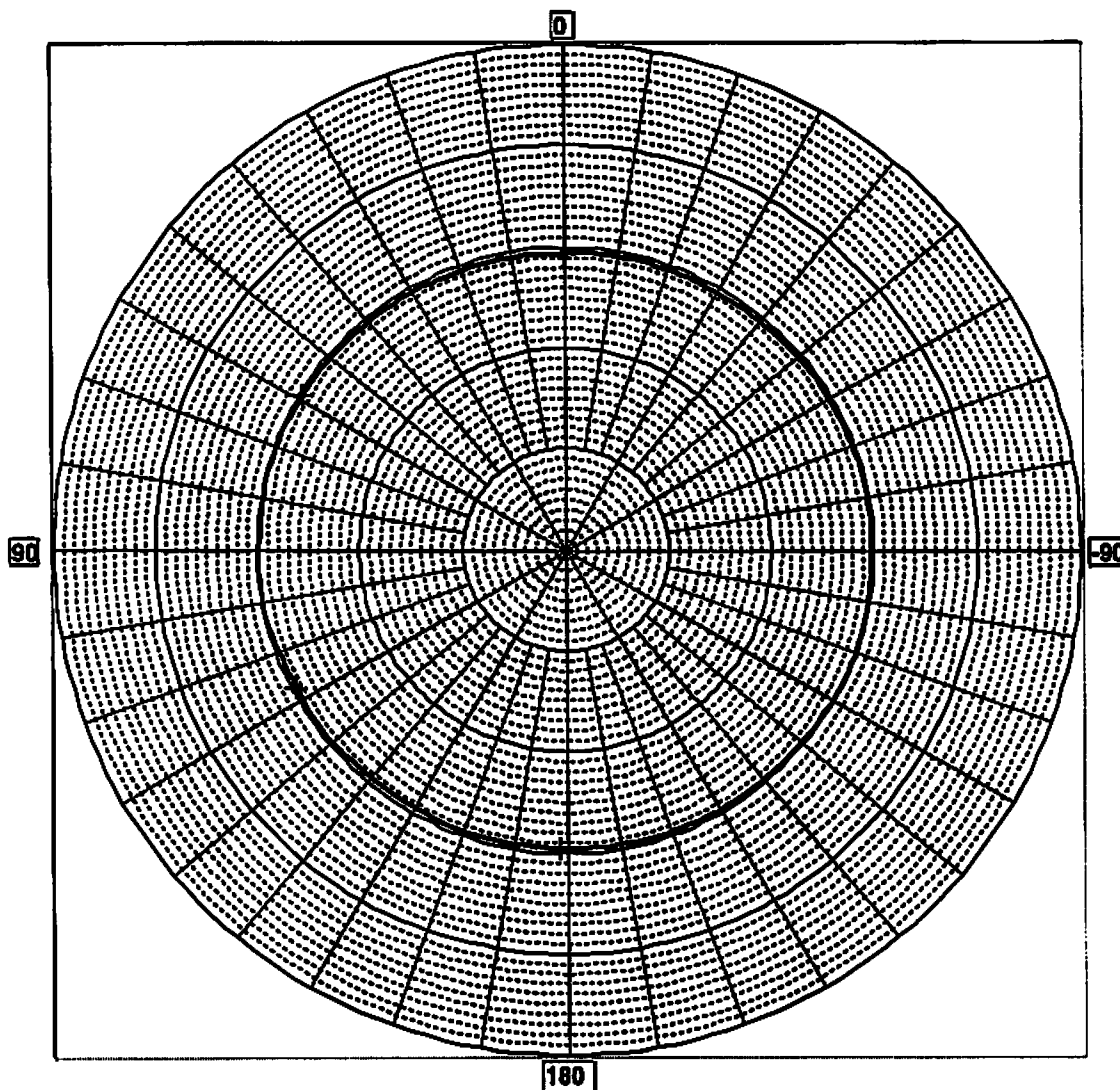
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 3:35:44 PM

Directivity Pattern XY Plane

25 kHz

**Graph Info.**

Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

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Angle Ord

Cursor 1	0.00	-0.61	+	+
Cursor 2	-242.40	-0.43	+	+
Cursor 3	-181.70	-0.50	+	+
Cursor 4	59.18	-0.22	+	+

FQM_polar_plot_Hard_Copy.vi
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 Last modified on 3/18/99 at 10:56 AM
 Printed on 5/14/99 at 4:08 PM

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ITC- 8201

Serial Number 207

International Transducer Corp.

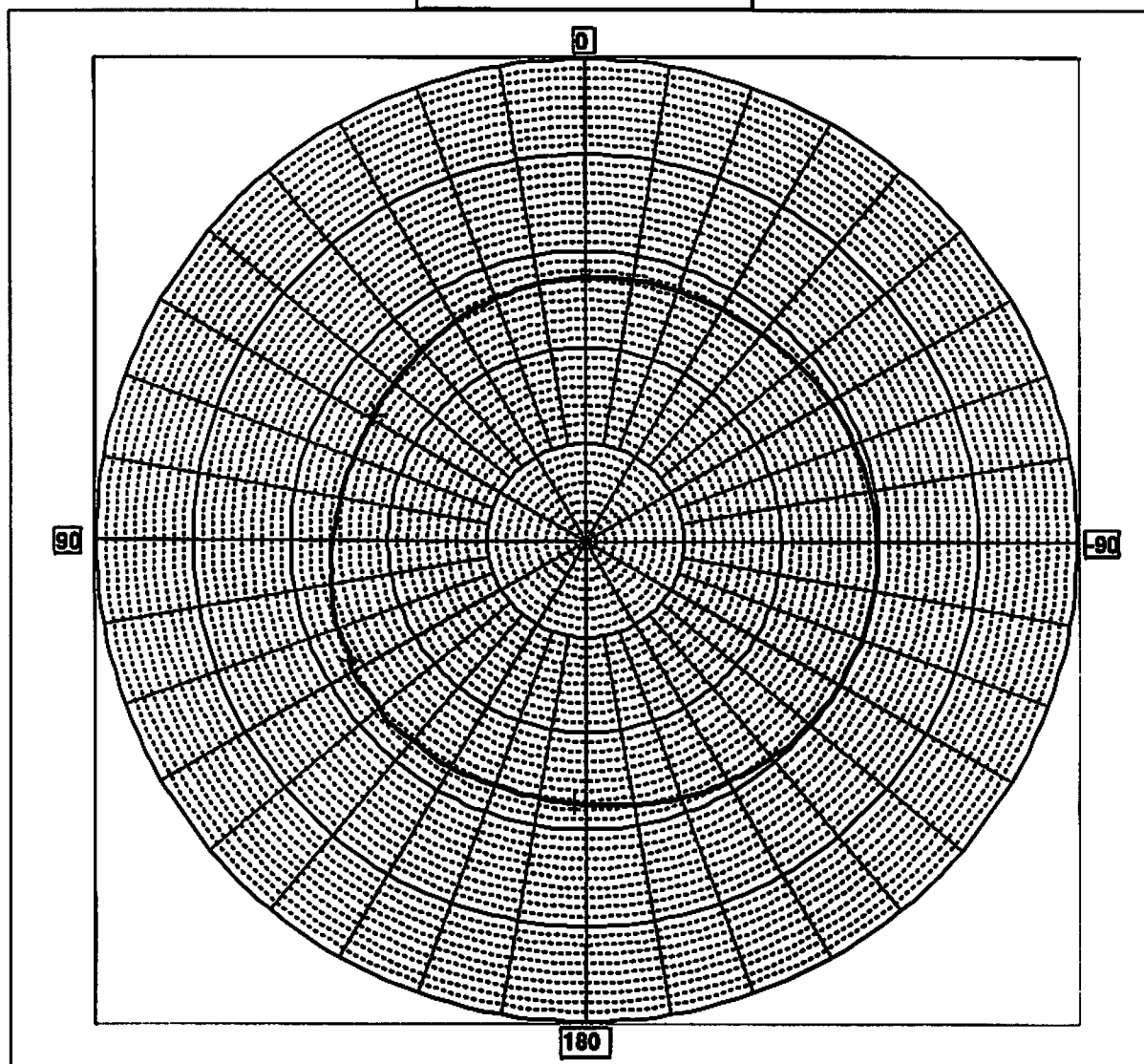
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 3:37:19 PM

Directivity Pattern XY Plane

50 kHz

**Graph Info**

Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

UNCLASSIFIED

Angle

Ord

Cursor 1	0.00	-2.72	☐	+	☐
Cursor 2	-242.50	-2.97	☐	+	☐
Cursor 3	-182.50	-2.66	☐	+	☐
Cursor 4	59.13	-4.99	☐	+	☐

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ITC-8201D Serial No. 208

W.O.2865

International Transducer Corp.

Water Temp: 17 deg C

Test Dist: 2 m

Test Depth: 2 m

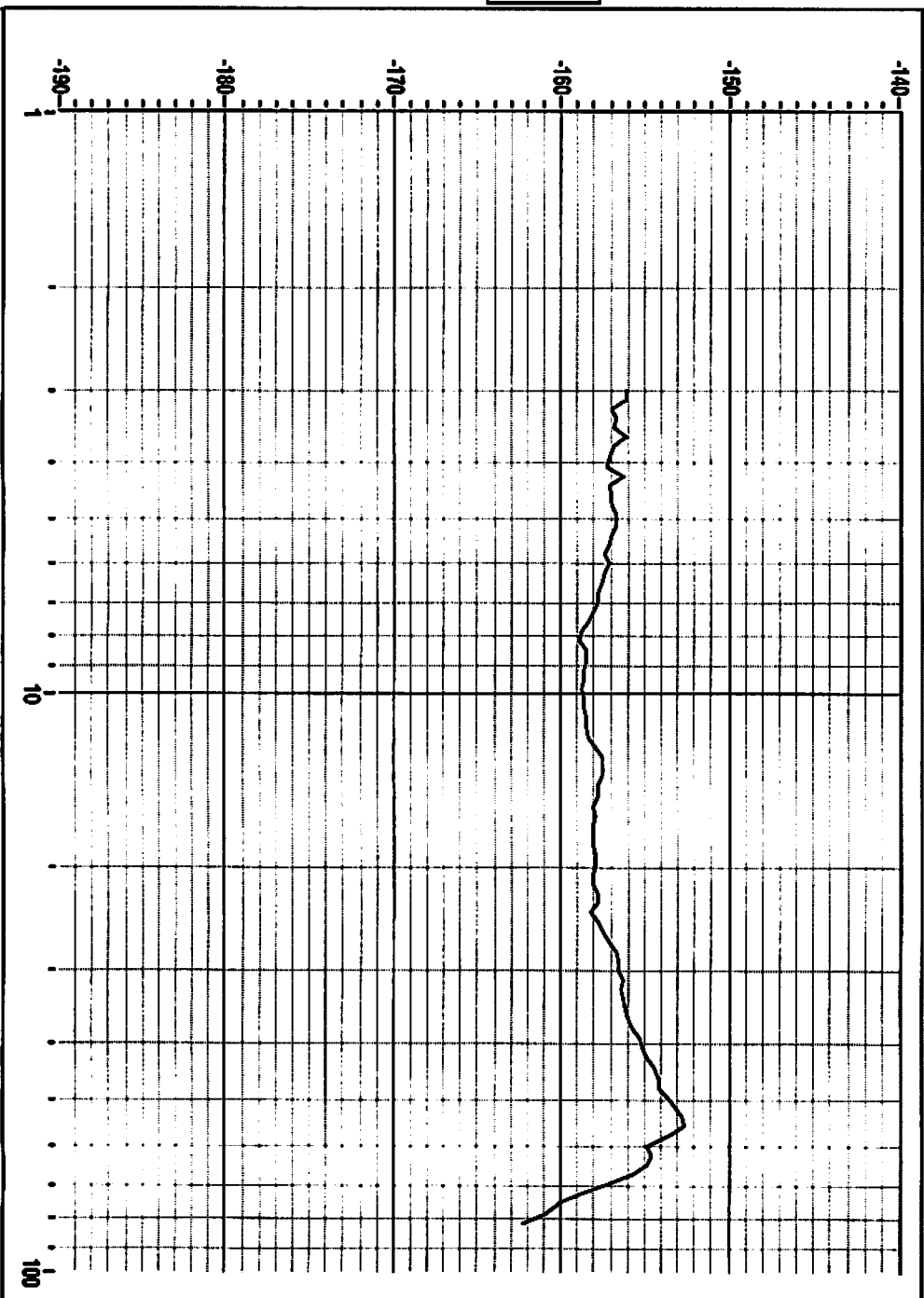
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 10:13:20 AM

Receive Sensitivity vs Frequency

Receive sensitivity (dB/
N/μPa)



Frequency (kHz)

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ITC-8201 Serial No. 208

W.O.2865

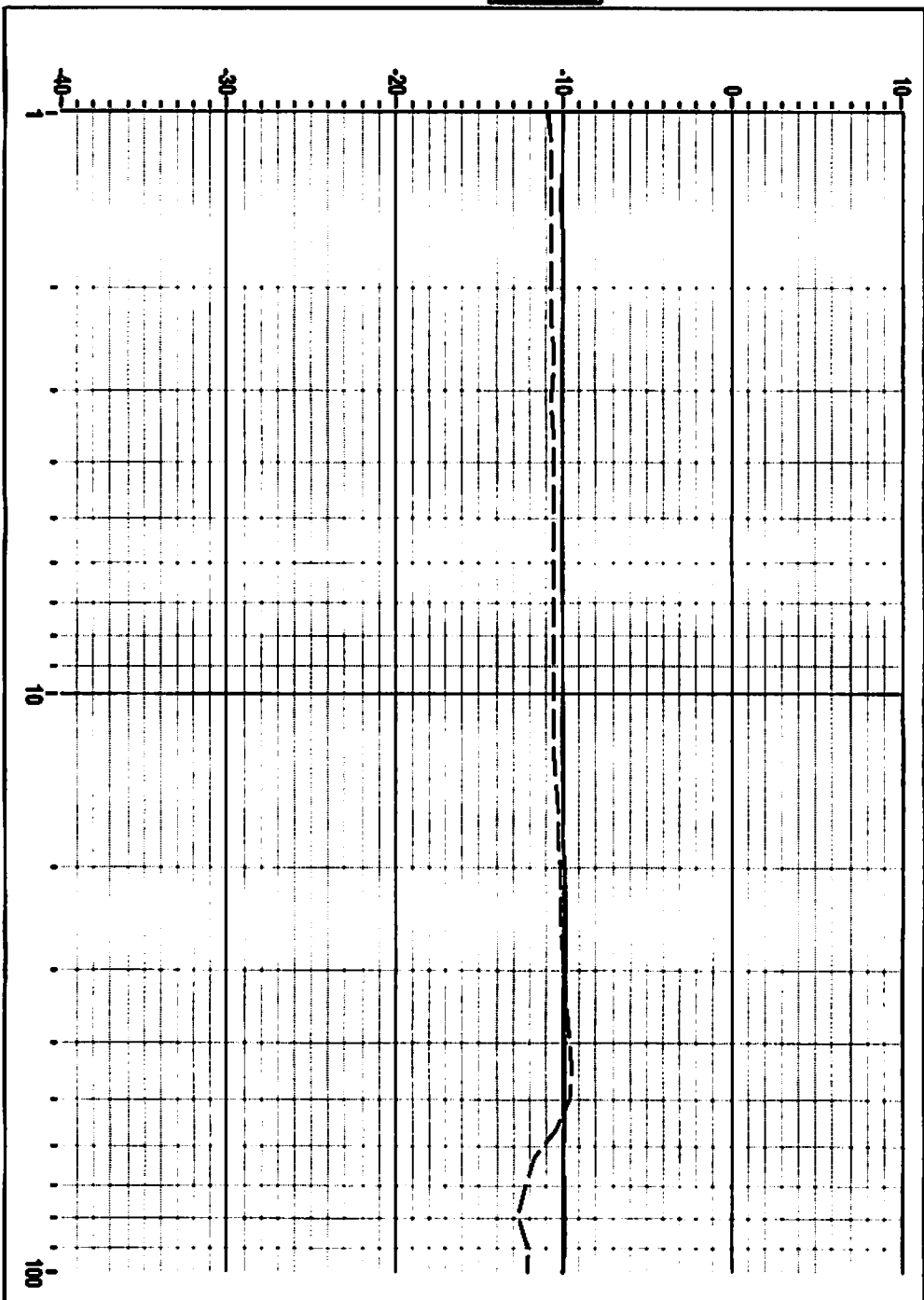
International Transducer Corp.

Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Mon, May 17, 1999 3:25:18 PM

Cal in / Cal out vs Frequency



(dBV)

Frequency (kHz)

CAL IN
CAL OUT

UNCLASSIFIED

Serial Number 208

International Transducer Corp.

Test Tank 1

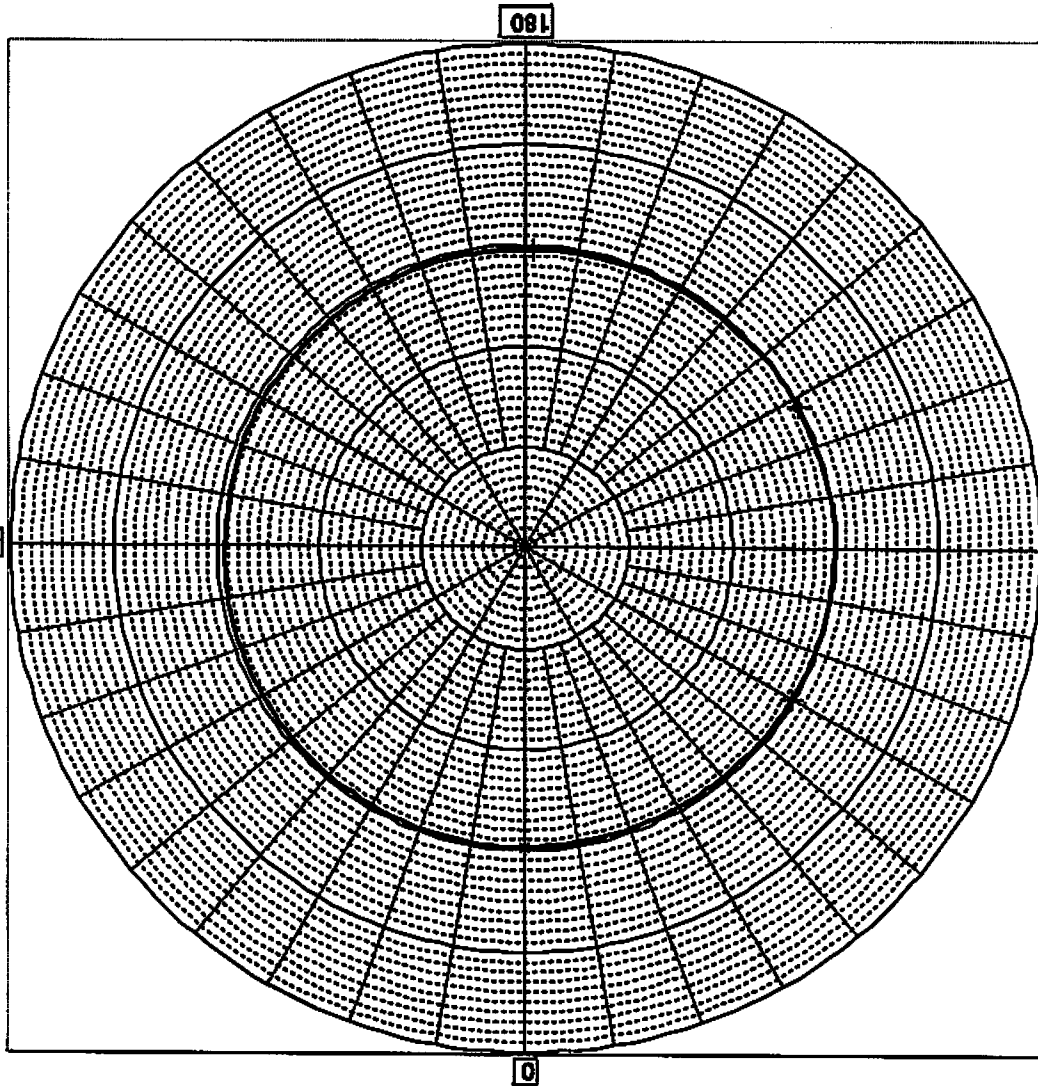
869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 3:25:47 PM

Directivity Pattern

25 KHz

XY Plane



90

90

0

180

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Angle Ord

Cursor 1	0.00	-0.31	+
Cursor 2	241.60	-0.20	+
Cursor 3	181.60	-0.40	+
Cursor 4	59.96	-0.28	+

Graph Info
 Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

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Serial Number 208

International Transducer Corp.

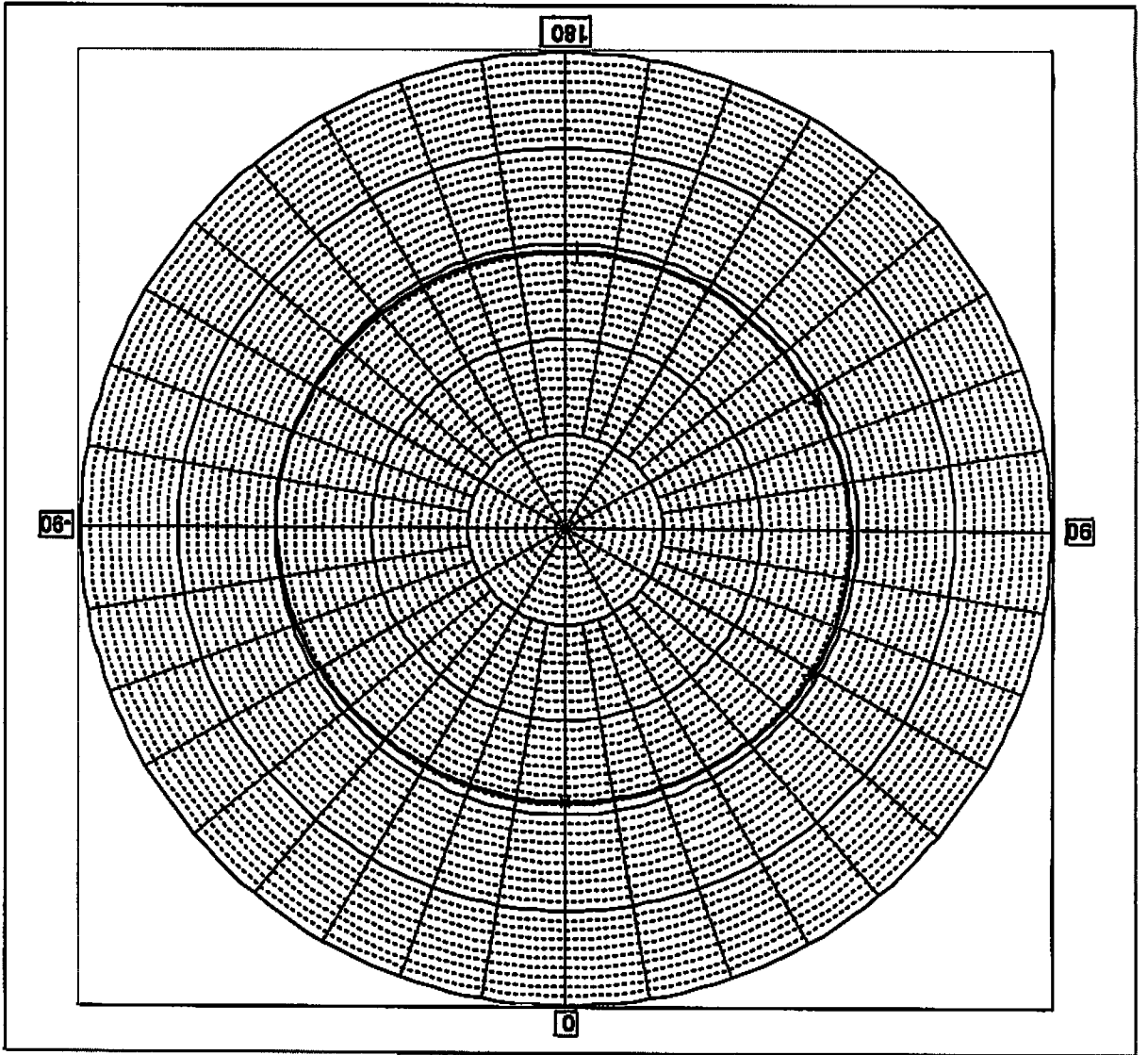
Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Fri, May 14, 1999 3:23:33 PM

Directivity Pattern XY Plane

50 KHz

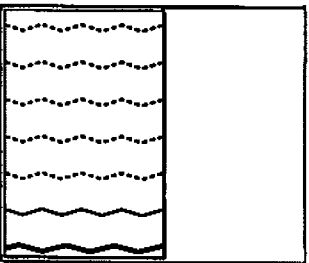


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Graph Info
 Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

Cursor 1	0.00	-1.23	+	+
Cursor 2	-242.40	-0.86	+	+
Cursor 3	-182.40	-0.80	+	+
Cursor 4	59.19	-0.64	+	+

Angle Ord



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ITC-8201D Serial No. 209

W.O.2865

International Transducer Corp.

Test Tank 1

869 Ward Dr. Santa Barbara CA 93111

Tue, May 18, 1999 10:06:02 AM

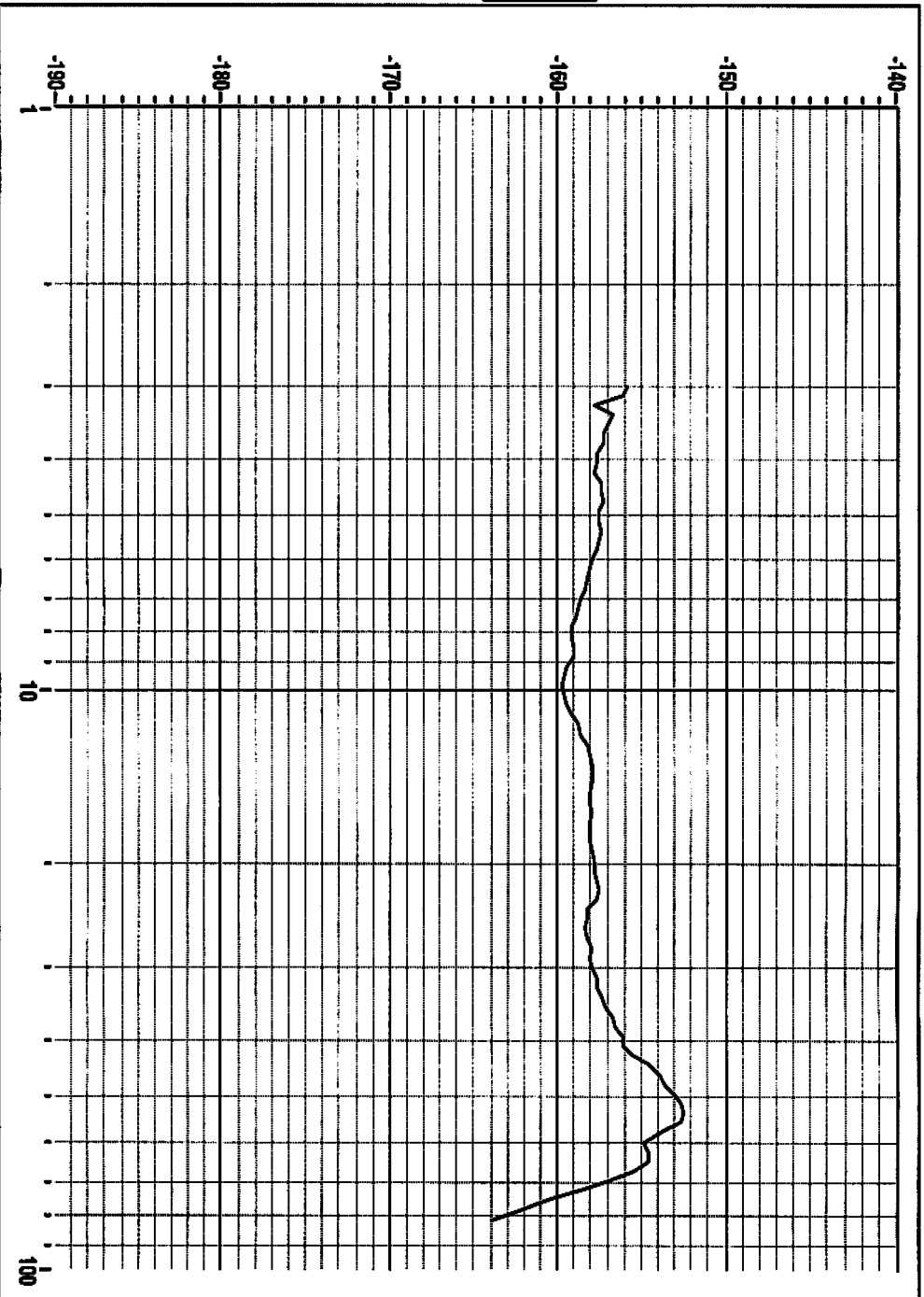
Water Temp: 17 deg C

Test Dist: 2 m

Test Depth: 2 m

Receive Sensitivity vs Frequency

Receive sensitivity (dB/
V/uPa)



Frequency (kHz)

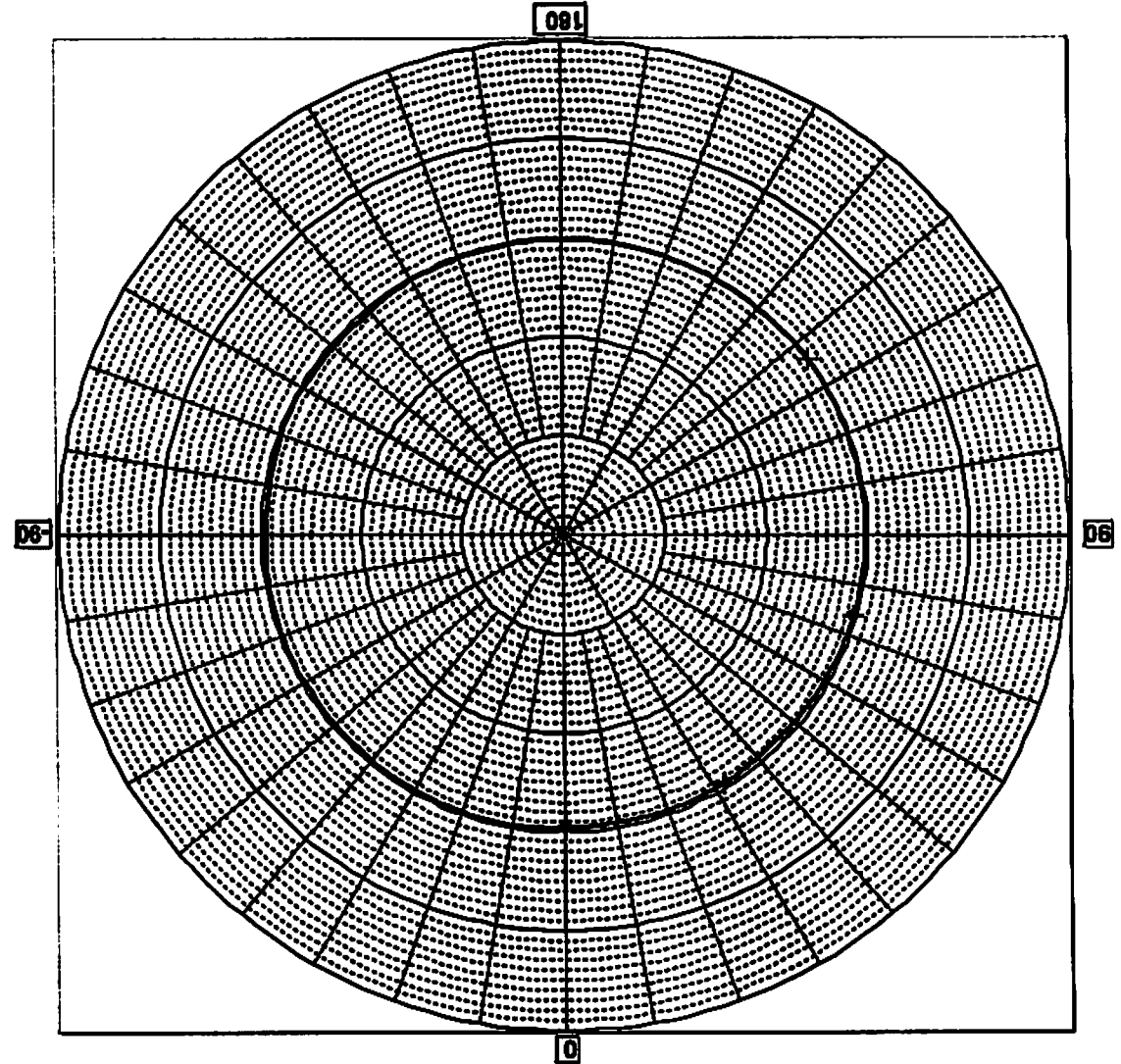
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ITC-8201 Serial Number 209

International Transducer Corp.
 Test Tank 1
 869 Ward Dr. Santa Barbara CA 93111
 Fri, May 14, 1999 11:09:46 AM

Directivity Pattern XY Plane

25 KHz



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Graph Info

Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

Angle Ord

CURSOR 1	0.00	-0.41	+
CURSOR 2	73.92	-0.26	+
CURSOR 3	-233.80	-0.09	+
CURSOR 4	31.93	-0.47	+

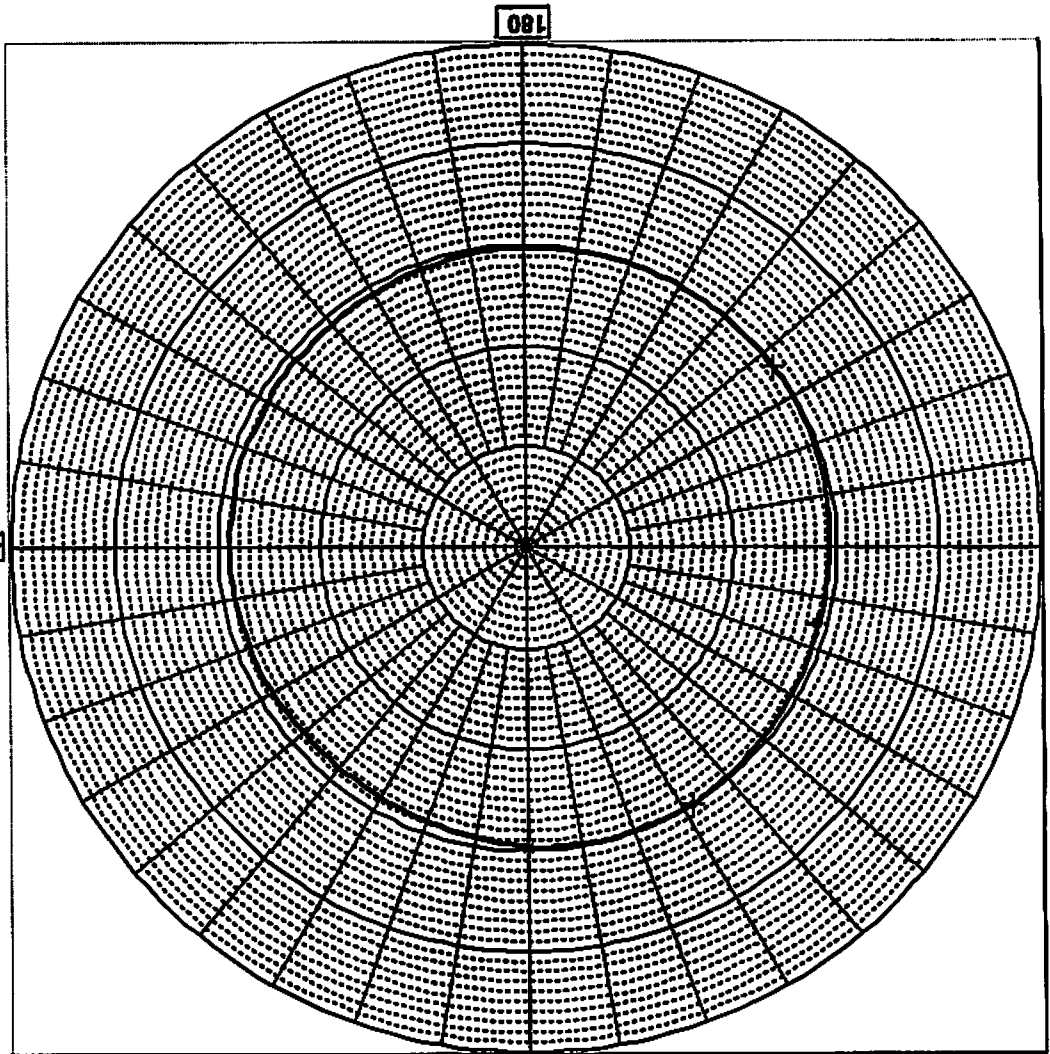
UNCLASSIFIED

ITC-8201 Serial Number 209

International Transducer Corp.
 Test Tank 1
 869 Ward Dr. Santa Barbara CA 93111
 Fri, May 14, 1999 11:08:08 AM

Directivity Pattern XY Plane

50 kHz



Graph Info
 Outer Circle 20 dB
 Center -30 dB
 dB/Div 1 dB

UNCLASSIFIED

Angle Ord

CURSOR 1	0.00	-0.38	+
CURSOR 2	74.74	-0.80	+
CURSOR 3	-233.00	-0.10	+
CURSOR 4	31.96	-0.05	+

