

APPENDIX I

WPHE FIELD STRENGTH MEASUREMENTS

(Extracted from WPHE (formerly WYIS)
1978 301 Application - BP-19781103AM)

TABLE V-A

TABULATION OF ADDITIONAL FIELD STRENGTH MEASUREMENTS
ON STATION WYIS AT BEARING 206°T /1

Station WYIS
Hart Broadcasting Company, Inc.
Phoenixville, Pennsylvania

Pres: 690 kHz
Prop: 690 kHz

0.5 kW
1.0 kW

Day-DA
Day-DA

<u>Point No.</u>	<u>Distance</u> Mi.	<u>Time</u>	<u>Field</u> mV/m	<u>Date</u>
A	17.8	1018	0.33	8/29/78
B	19.1	1026	0.30	"
C	20.6	1034	0.23	"
D	22.2	1050	0.21	"
E	23.7	1059	0.15	"
F	24.7	1112	0.17	"
G	25.8	1120	0.15	"
H	27.0	1130	0.13	"
I	28.8	1142	0.11	"
J	30	1151	0.065	"
K	33.7	1258	0.060	"
L	35.6	1305	0.054	"
M	37.4	1320	0.045	"

/1 The close-in measurements on this radial are included in the WYIS Proof of Performance report dated August 11, 1978 on file with the FCC.

MILES FROM ANTENNA



OCT., 1978

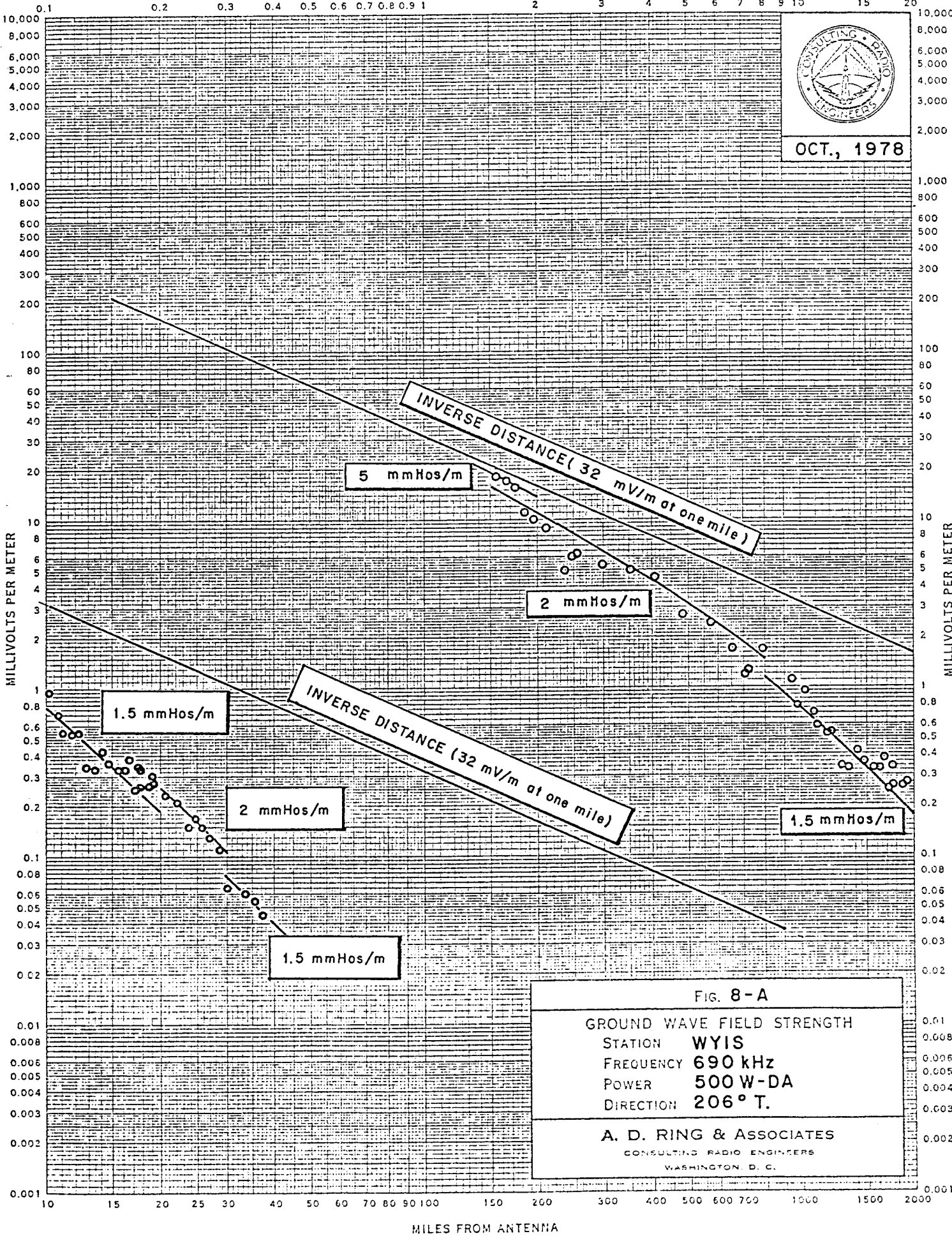


FIG. 8-A

GROUND WAVE FIELD STRENGTH

STATION **WYIS**

FREQUENCY **690 kHz**

POWER **500 W-DA**

DIRECTION **206° T.**

A. D. RING & ASSOCIATES

CONSULTING RADIO ENGINEERS

WASHINGTON, D. C.

MILES FROM ANTENNA

TABLE V-B

TABULATION OF ADDITIONAL FIELD STRENGTH MEASUREMENTS
ON STATION WYIS AT BEARING 229°T /1

Station WYIS
Hart Broadcasting Company, Inc.
Phoenixville, Pennsylvania

Pres: 690 kHz
Prop: 690 kHz

0.5 kW
1.0 kW

Day-DA
Day-DA

<u>Point No.</u>	<u>Distance</u> Mi.	<u>Time</u>	<u>Field</u> mV/m	<u>Date</u>
1	6.87	1409	3.7	8/28/78
2	8.17	1423	2.5	"
3	8.58	1433	2.2	"
4	9.28	1442	2.2	"
5	9.73	1448	0.88	"
6	10.56	1455	0.82	"
7	11.46	1502	0.80	"
8	12.38	1511	0.68	"
9	13.04	1516	0.38	"
10	14.33	1540	0.48	"
11	15.04	1547	0.58	"
12	16.22	1557	0.56	"
13	16.90	1607	0.40	"
14	17.72	1617	0.36	"
15	18.14	1624	0.50	"
16	18.69	1630	0.37	"
17	19.13	1635	0.44	"
18	19.73	1641	0.37	"
19	20.21	1645	0.34	"
20	21.20	1655	0.23	"
21	21.87	1701	0.21	"

/1 Stub radial

MILES FROM ANTENNA



OCT., 1978

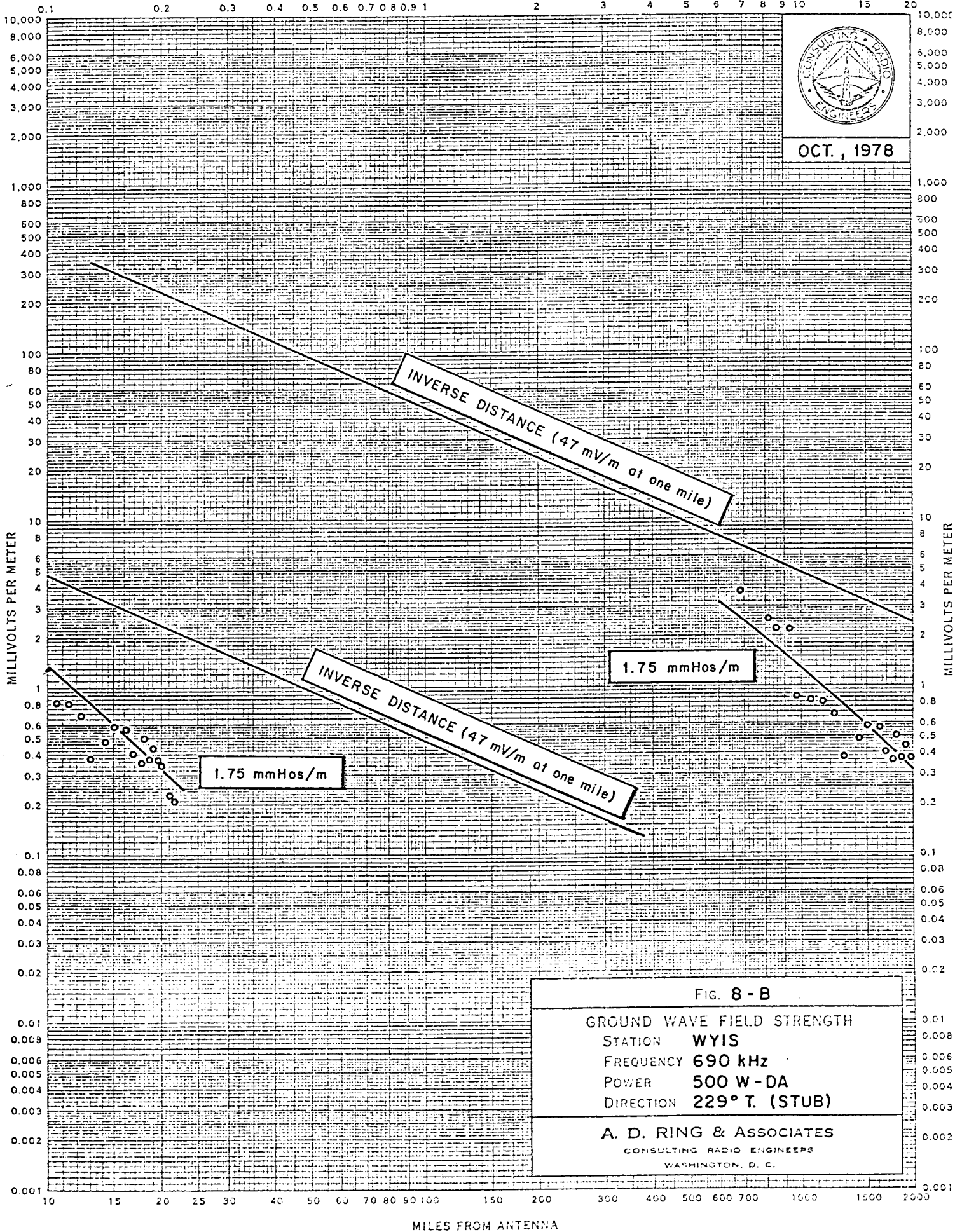


FIG. 8 - B

GROUND WAVE FIELD STRENGTH

STATION **WYIS**

FREQUENCY **690 kHz**

POWER **500 W-DA**

DIRECTION **229° T. (STUB)**

A. D. RING & ASSOCIATES

CONSULTING RADIO ENGINEERS

WASHINGTON, D. C.

MILES FROM ANTENNA