

APPENDIX B

WINW FIELD STRENGTH MEASUREMENTS

Extracted from WINW 1966 Full Proof of Performance

TABLE 5
FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford STATION W1111 FREQ. 1520 KC

METER MODEL 120-F SERIAL NO. 660 RADIAL 0° CITY CANTON STATE OHIO

TIME	POINT NO.	FIELD INTENSITY MV/M		RADIAL MILES	NOTES
		<u>NDA.</u>	<u>DA.</u>		
	<u>1</u>	<u>900</u>		<u>.1</u>	
	<u>2</u>	<u>420</u>		<u>.2</u>	
	<u>3</u>	<u>245</u>		<u>.3</u>	
	<u>4</u>	<u>200</u>		<u>.4</u>	
	<u>5</u>	<u>150</u>		<u>.5</u>	
	<u>6</u>	<u>140</u>		<u>.6</u>	
	<u>7</u>	<u>120</u>		<u>.7</u>	
	<u>8</u>	<u>100</u>		<u>.8</u>	
	<u>9</u>	<u>80</u>		<u>.9</u>	
	<u>10</u>	<u>65</u>		<u>1.0</u>	
	<u>11</u>	<u>45</u>	<u>6.2</u>	<u>1.1</u>	<u>on edge of small lake beside Birch Lane</u>
	<u>12</u>	<u>56.5</u>	<u>8.4</u>	<u>1.2</u>	<u>on bridge across small lake</u>
	<u>13</u>	<u>44</u>		<u>1.3</u>	
	<u>14</u>	<u>40</u>		<u>1.4</u>	
	<u>15</u>	<u>43</u>		<u>1.5</u>	
	<u>16</u>	<u>33.5</u>	<u>4.8</u>	<u>1.6</u>	<u>In field at road, down from dilo</u>
	<u>17</u>	<u>34.5</u>	<u>4.4</u>	<u>1.7</u>	<u>In field between apple trees and corn field</u>
	<u>18</u>	<u>33</u>	<u>4.6</u>	<u>1.8</u>	
	<u>19</u>	<u>31</u>		<u>1.9</u>	
	<u>20</u>	<u>28</u>		<u>2.0</u>	
	<u>21</u>	<u>30</u>	<u>4.6</u>	<u>2.1</u>	<u>Monitor Point</u>
	<u>22</u>	<u>15</u>	<u>1.6</u>	<u>3.11</u>	<u>In field at corner of fence on top of hill</u>
	<u>23</u>	<u>13</u>	<u>1.3</u>	<u>3.65</u>	<u>at Birch tree in yard of white house</u>
	<u>24</u>	<u>9.1</u>	<u>1.1</u>	<u>4.18</u>	<u>In garden between two white houses</u>
	<u>25</u>	<u>8</u>	<u>.9*</u>	<u>4.69</u>	<u>at edge of yard of white house</u>

Table 5 Cont.

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford

STATION *WINN* FREQ. *1520 KC*

METER MODEL 120-E SERIAL NO. 660 RADIAL 0° CITY CANTON STATE OHIO

[illegible]

* Reading taken with special measuring meter

MILES FROM ANTENNA

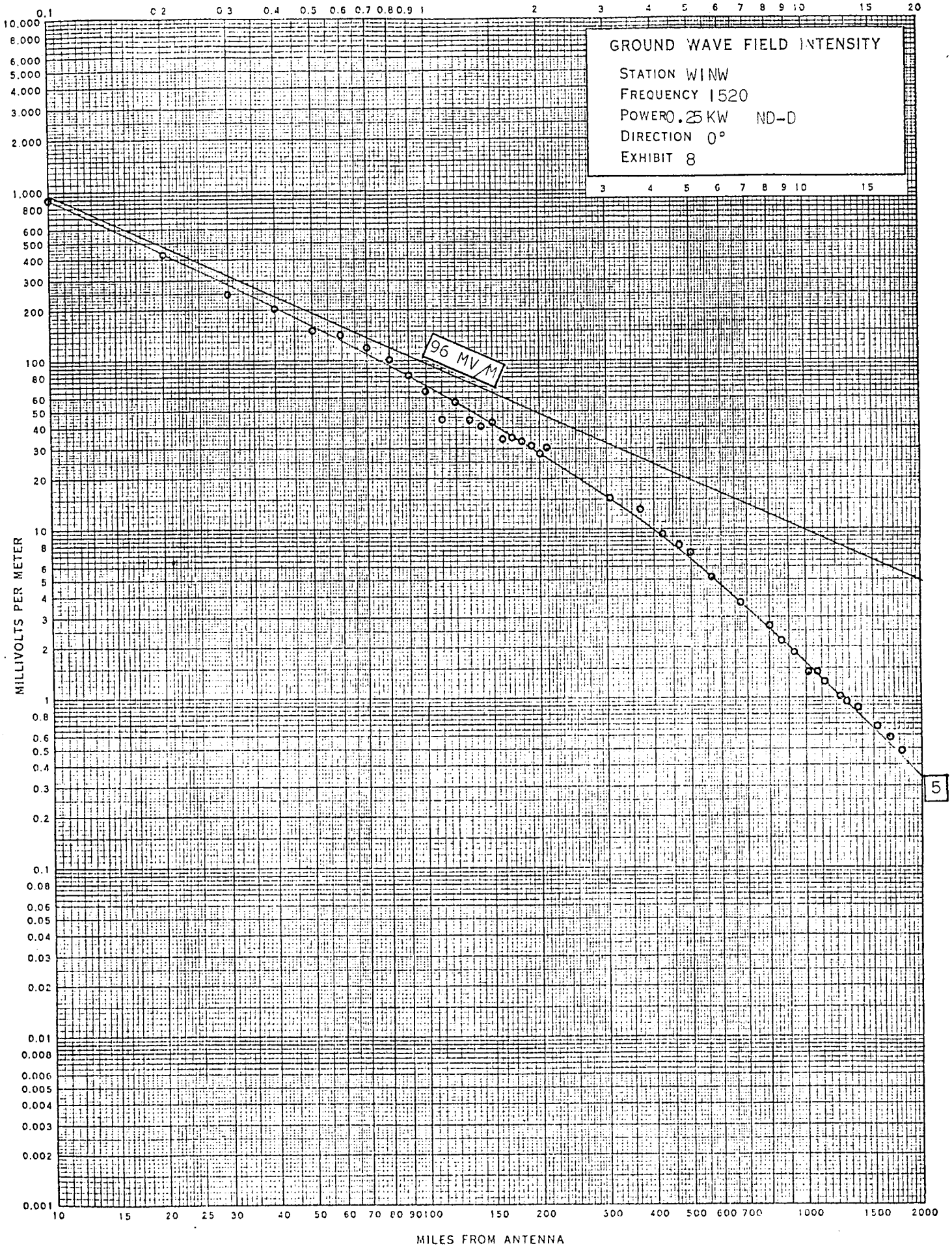


Table 6

FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford STATION WINW FREQ. 1520 KCMETER MODEL 120-F SERIAL NO. 660 RADIAL 30° CITY CANTON STATE OHIO

TIME	POINT NO.	FIELD INTENSITY N-DA MV/M DA.	RADIAL MILES	NOTES
	1	875	.1	
	2	400	.2	
	3	260	.3	
	4	205	.4	Back of House #4658 4/6/5 X
	5	155	.5	In yard behind Two Car Gray Garage X
	6	120	.6	Driveway of White House X
	7	110	.7	In yard behind Two Car Gray Garage X
	8	90	.8	
	9	80	.9	
	10	70.5	1.0	
	11	55	1.1	
	12	50	1.2	
	13	44	1.3	Edge of Church Parking Lot X
	14	28.5	1.4	In yard of 5803 Middlebranch Road X
	15	48	1.5	
	16	38	1.6	
	17	34	1.7	
	18	34	1.8	
	19	33	1.9	
	20	33.5	2.0	In field beside Two Car Garage X
	21	35	2.37	Monitor Point X
	22	14.5	3.35	In field down from old Red Brick House X
	23	8.8	3.97	In yard between White House & Brown Quonset hut X
	24	9.1	4.22	on Rise in Road near corn field X
	25	7.9	4.71	at wide unpaved area in Road X
	26	9.3	4.88	Beside tree with small diamond sign on it X

Table 6 cont
FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm. J. Ford STATION WINN FREQ. 1520 KC

METER MODEL 120-F SERIAL NO. 660 RADIAL 30° CITY CANTON STATE OHIO

[illegible]

Reading taken with Special meter

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WINW
 FREQUENCY 1520
 POWER 0.25 KW ND-D
 DIRECTION 30°
 EXHIBIT 9

MILLIVOLTS PER METER

92 MV/M

6

MILES FROM ANTENNA

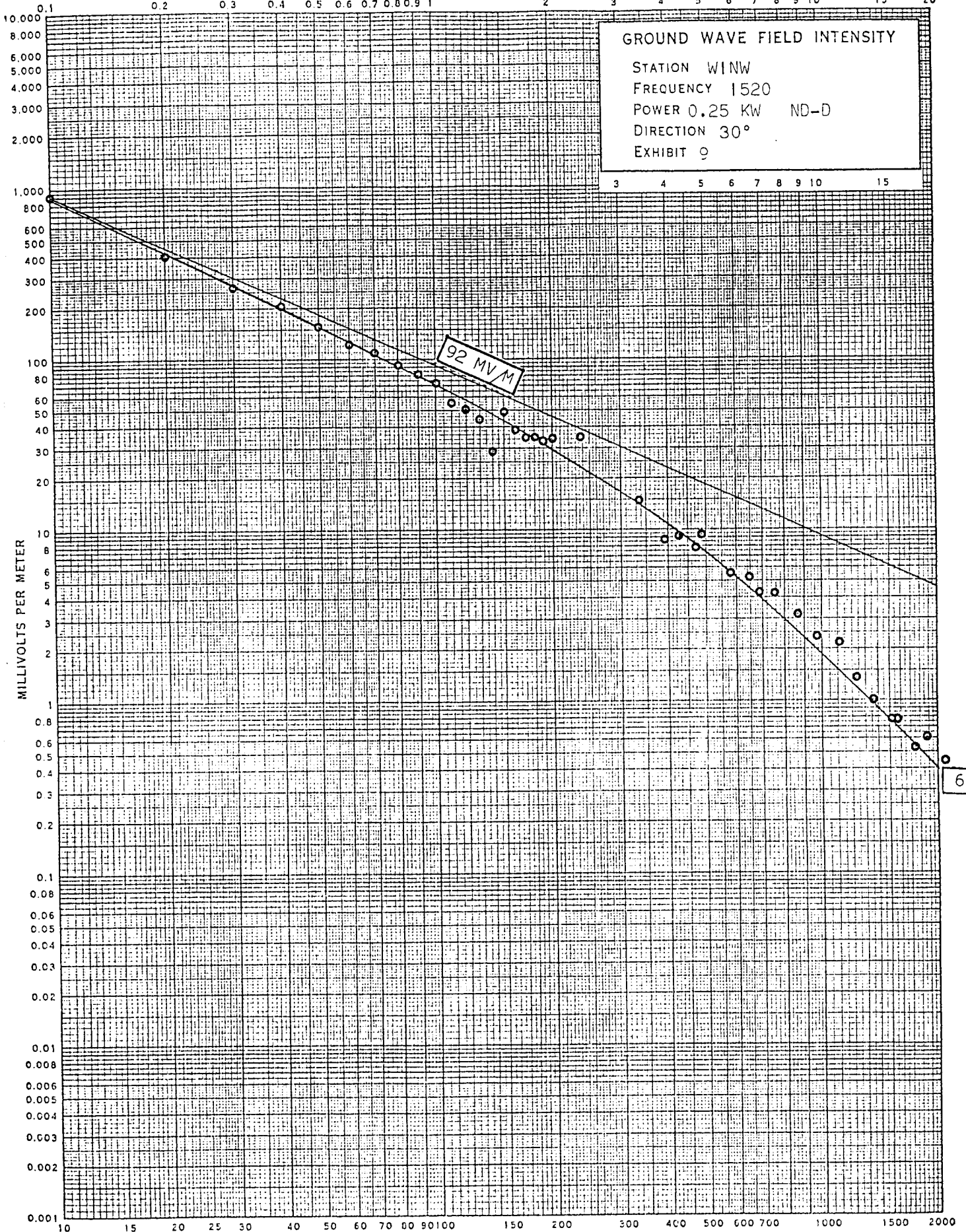


Table 13
FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford STATION WVWV FREQ. 1520 KC

METER MODEL 120-E SERIAL NO. 660 RADIAL 300' CITY CANTON STATE OHIO

TIME	POINT NO.	FIELD INTENSITY		RADIAL MILES	NOTES
		N-DB	DB		
	1	935		.1	
	2	325		.2	
	3	235		.3	
	4	175		.4	in field 50' E. of Rd.
	5	125		.5	
	6	105		.6	
	7	85		.7	
	8	70		.8	End of Rd. to Woods
	9	75		.9	
	10	60		1.0	In yard
	11	53		1.1	
	12	53		1.2	
	13	42		1.3	
	14	31		1.4	
	15	31.5		1.5	
	16	28		1.6	
	17	27.5		1.7	
	18	27		1.8	
	19	25		1.9	
	20	23	3.9	2.0	Edge of large Barn
	21	21	4.1	2.26	South of Rd.
	22	16.9	2.74	2.78	In Field 100' South of End in Rd.
	23	14.	3.4	3.23	In Road
	24	9.8	1.62	3.6	W. side of Street between last two houses
	25	8.	1.23	4.05	Driveway 320' in road
	26	8.1	1.0	4.4	Field East of Rd. Near house with swing

Table 13 Cont.
FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm E Ford STATION WINN FREQ 1520kc
METER MODEL 120-E SERIAL NO. 660 RADIAL 300° CITY CANTON STATE OHio

[illegible]

of loadings taken with Special Meter

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WINW
 FREQUENCY 1520
 POWER 0.25 KW ND-D
 DIRECTION 300°
 EXHIBIT 16

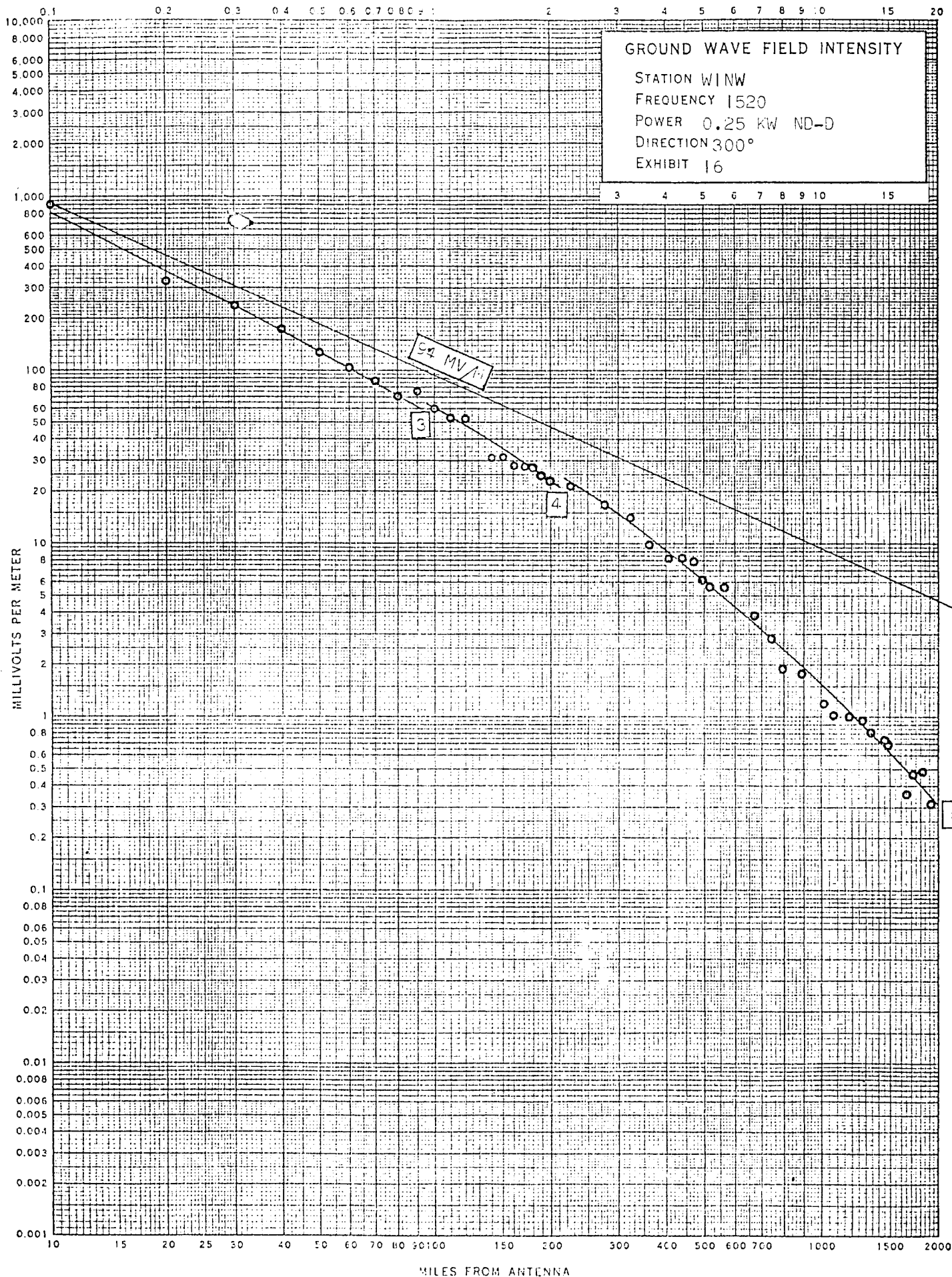


TABLE 14
FIELD INTENSITY MEASUREMENTS

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford STATION WINN FREQ. 1520KC
METER MODEL 120-E SERIAL NO. 660 RADIAL 330° CITY CANTON STATE OHIO

TIME	POINT NO.	FIELD INTENSITY		RADIAL MILES	NOTES
		N-DA	M DA.		
	1	860		.1	
	2	385		.2	
	3	292		.3	
	4	210		.4	
	5	160		.5	
	6	130		.6	
	7	108		.7	
	8	97.5		.8	
	9	94.0		.9	
	10	72.0		1.0	
	11	75		1.07	
	12	70		1.2	In driveway
	13	51	5.3	1.3	50' N. side of Rd. at E. end of school
	14	52		1.4	
	15	44		1.5	
	16	45		1.6	
	17	42		1.7	
	18	34.5		1.8	near old barn
	19	33.8	3.3	1.9	on South Side of Rd. opposite Red House
	20	29.5	3.0	2.0	400' in Rear of Homer B. Baker House
	21	25.8	2.2	2.32	Monitor Point
	22	17.0	1.5	2.5	In Field South of Rd. 42 mi from dt.
	23	13.3	1.2	3.6	In field E 88° W on East W. of Rd. .05 mi from dt.
	24	8.5	.66	4.88	2765 Front of Wood Dale stop 100' South of Rd opposite Brown Brick House
	25	7.5	.6	5.28	at End of Rd.
	26	6.3	.52	5.7	South of Road at East End of Apple trees

Table 14 CONT.

DATE 2-18-66 to 3-25-66 BY Wm. E. Ford

STATION WINN FREQ. 1520 KC

METER MODEL 120-E

SERIAL NO. 660

RADIAL 330°

CITY CANTON

STATE *OHio*[illegible]

* Readings taken with special meter

MILES FROM ANTENNA

