

**RF MEASUREMENT
RF EXPOSURE
WTNE-LP/WTNG-LP**

**TRANSMITTING SITE
555 OCOEE ST
CLEVELAND TN**

**35-09-46/84-52-26 (NAD 27)
BASE ELEVATION: 879 FT/268 M AMSL
TOP OF ROOF: 908 FT/277 M AMSL
MAST TOTAL 20 FT with 3 FT LIGHTNING ROD**

**WTNE-LP COR AMSL (20 FT ABOVE ROOF) 928 FT/283 M
WTNG-LP COR AMSL (10 FT ABOVE ROOF) 918 FT/280 M**

**BOTH STATIONS RUN AT 100 W ERP H&V
WTNE-LP 107.3 MHZ/WTNG-LP 96.9 MHZ
TO MEASURE ANY POTENTIAL RF HAZARD
WTNG-LP PRESENTLY LICENSED FOR 30 W ERP AT 96.9 MHZ
WITH PLANS TO MOVE TO 97.1 MHZ 100 W ERP H&V**

**METAL ROOF EXCEPT FOR AIR CONDITIONER PLATFORMS
FM MAST IS LOCATED ON ONE AS THOSE STRUCTURES ARE
SUPPORTED BY 2x10 STUDS AND A WOOD/RUBBER TOP.
THE PLATFORMS WERE COVERED WITH GROUNDED
WIRE MESH TO ALLEVIATE ANY POTENTIAL RF HAZARD TO
THE FLOOR BELOW.**

**MEASUREMENT USING:
NARDA NBM-550 ANTENNA BROADBAND FIELD METER
EA-5091 BROADBAND CALIBRATED ANTENNA**

**MEASUREMENT METHOD:
FCC 1997 OCCUPATIONAL
CENTER FREQUENCY SET AT 100 MHZ
MEASURED IN % Mw/cm² (squared)**

MEASUREMENTS RESULTS ARE AS FOLLOWS:

- 0) WNTE/WTNG OFF**
- 1) WTNE ON/WTNG OFF**
- 2) WTNE ON/WTNG ON**

BOTH STATIONS AT 100 W ERP H&V

**REFER TO SECOND STORY FLOORPLANS FOR MEASUREMENT LOCATIONS
OUR STUDIO AREA WAS MEASURED**

LOCATION #1

- 0) 0.0416**
- 1) 0.1039**
- 2) 0.1045**

LOCATION #2

- 0) 0.0391**
- 1) 0.1007**
- 2) 0.1060**

LOCATION #3

- 0) 0.0570**
- 1) 0.0991**
- 2) 0.1029**

LOCATION #4

- 0) 0.0584**
- 1) 0.0974**
- 2) 0.1073**

LOCATION #5

- 0) 0.0570**
- 1) 0.0955**
- 2) 0.1082**

LOCATION #6

- 0) 0.0555**
- 1) 0.0952**
- 2) 0.1890**

LOCATION #7

- 0) 0.0395**
- 1) 0.1033**
- 2) 0.1037**

LOCATION #8

- 0) 0.0559
- 1) 0.0951
- 2) 0.1058

LOCATION #9

- 0) 0.0551
- 1) 0.0964
- 2) 0.1069

LOCATION #10

- 0) 0.0562
- 1) 0.0961
- 2) 0.1070

LOCATION #11

- 0) 0.0580
- 1) 0.0981
- 2) 0.1088

LOCATION #12

- 0) 0.0491
- 1) 0.1080
- 2) 0.1137

LOCATION #13

- 0) 0.0475
- 1) 0.1045
- 2) 0.1103

LOCATION #14

- 0) 0.0447
- 1) 0.1030
- 2) 0.1054

