

Measurements were taking using each standard gain feedhorn as shown in the analyzer printout, probing around doors, panel, and cables. Highest reading were obtained at the hotbox door in front of the air filter. Measurements were taken with the transmitter at full power (1 megawatt) and the horns located 3 feet away in front of the air filter.

In addition a NARDA Electromagnetic Radiation Monitor, Model 8315A, and isotropic probe, Model 8321, were used to probe around the transmitter cabinet doors, panel, etc. No readings were observed on the lowest scale (2mw/cm^2).

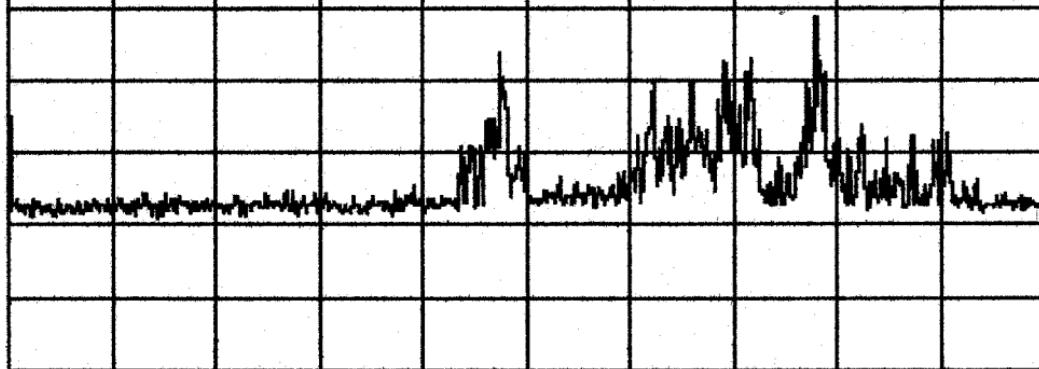
ATTEN 10dB

RL 0dBm

10dB/

D

STOP
5.000 GHz



START 0Hz
*RBW 100kHz

STOP 5.000GHz
VBW 100kHz
*SWP 3.00sec

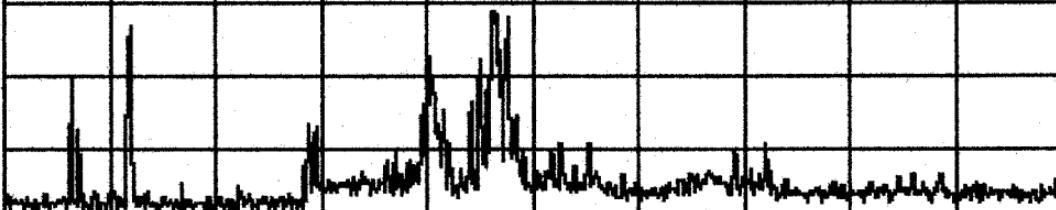
ATTEN 10dB

RL 0dBm

10dB/

D

STOP
10.000 GHz



START 5.000GHz

STOP 10.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 3.00sec

ATTEN 10dB

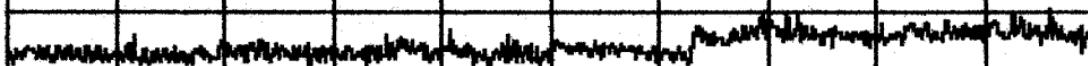
RL 0dBm

10dB/

D

STOP

15.000 GHz



START 10.000GHz

*RBW 100kHz

VBW 100kHz

STOP 15.000GHz

*SWP 3.00sec

ATTEN 10dB

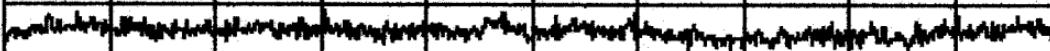
RL 0dBm

10dB/

D

STOP

20.000 GHz



START 15.000GHz

STOP 20.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 3.00sec

ATTEN 10dB

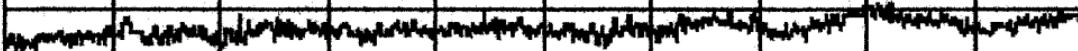
RL 0dBm

10dB/

STOP

25.000 GHz

D



START 20.000GHz

STOP 25.000GHz

*RBW 100kHz

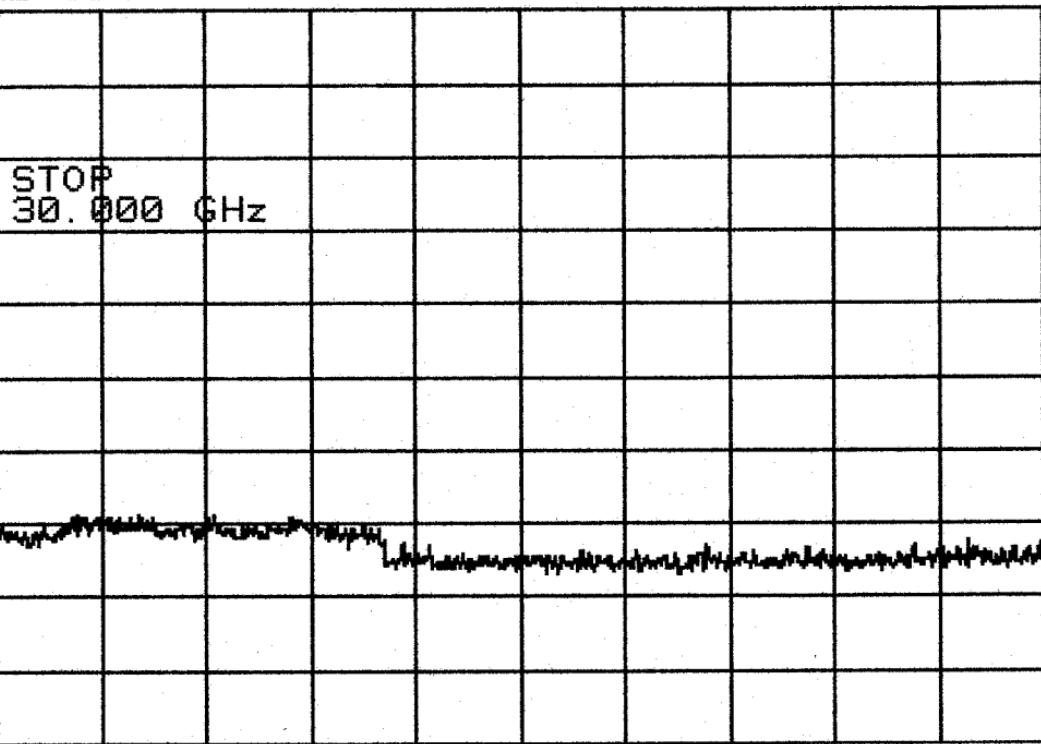
VBW 100kHz

*SWP 3.00sec

ATTEN 10dB

RL 0dBm

10dB/



START 25.000GHz

STOP 30.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 3.00sec

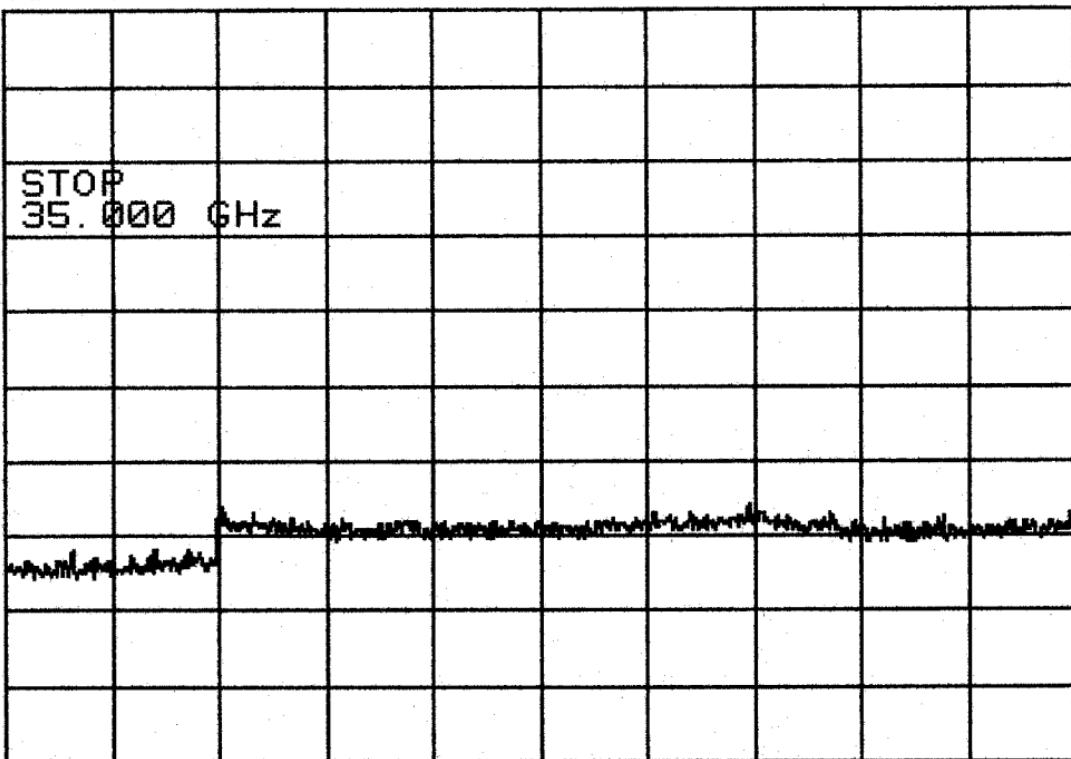
ATTEN 10dB

RL 0dBm

10dB/

STOP
35.000 GHz

D



START 30.000GHz

STOP 35.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 3.00sec

ATTEN 10dB

RL 0dBm

10dB/

STOP
40.000 GHz

D



START 35.000GHz

STOP 40.000GHz

*RBW 100kHz

VBW 100kHz

*SWP 3.00sec