

IEEE p802.4L

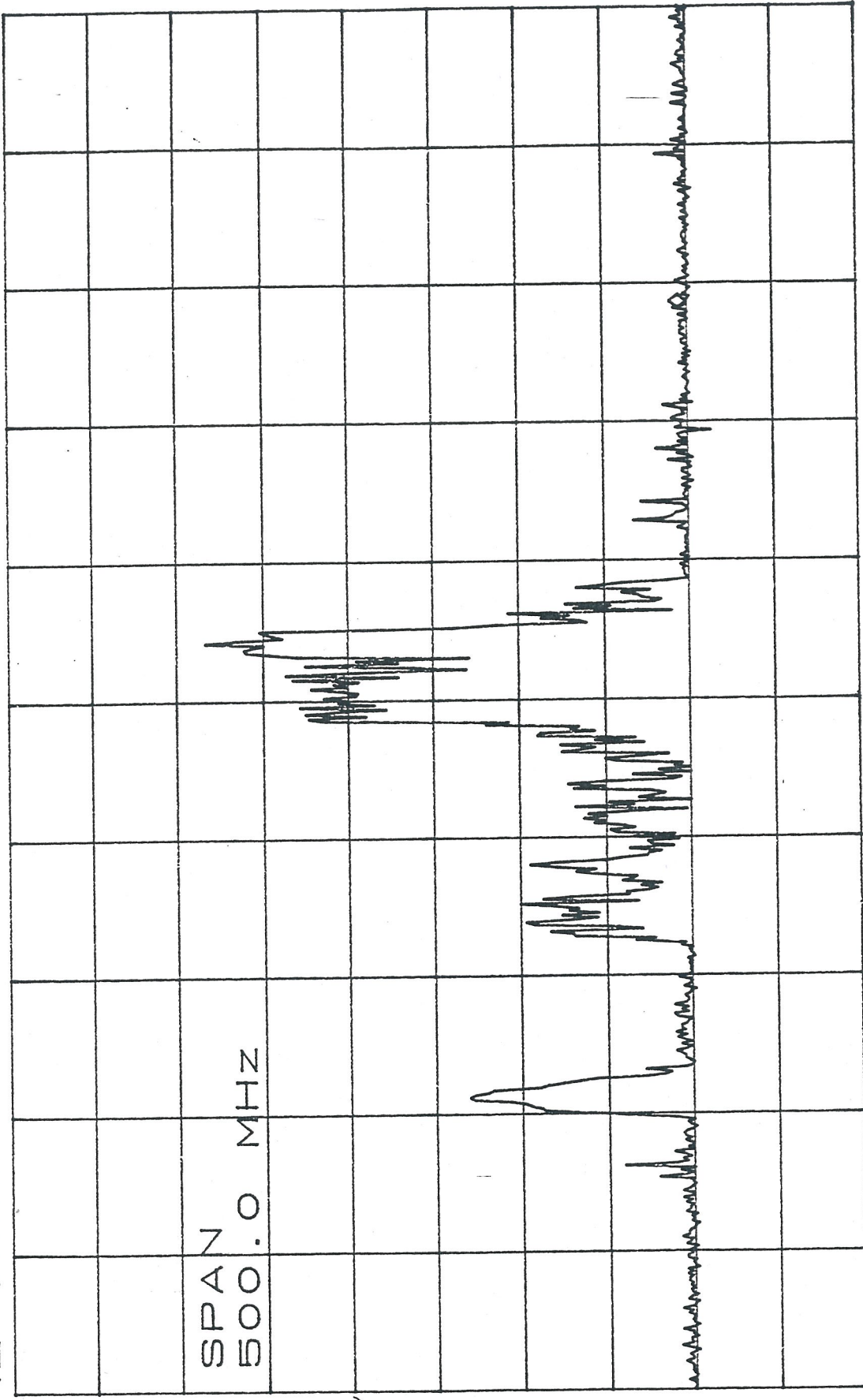
Through-the Air Physical Media, Radio

Microwave Oven Emissions

Donald C. Johnson, NCR

Attached is a spectrum tracing showing the rf emissions of a microwave oven. The measurements were taken using a spectrum analyzer with a dipole antenna 3 m from the oven. The chart is a 1 to 2 minute spectrum accumulation using a 30 kHz resolution bandwidth.

ATTEN 10dB
MKR -79.83dBm
RL 0dBm
2.5933GHZ
10dB/



SPAN
500.0 MHZ

CENTER 2.4500GHZ
*RBW 30KHZ
SPAN 500.0MHZ
VBW 30KHZ
SWP 2.0SEC

Chart 1