

Frequency (MHz)	Maximum RF line voltage measured with a 5µH/50 ohm LISN (mV)
0.5-30	0.25

(c) RF lighting devices:

Frequency (MHz)	Maximum RF line voltage measured with a 50 µH/50 ohm LISN (µV)
Non-consumer equipment:	
0.45 to 1.6	1,000
1.6 to 30	3,000
Consumer equipment:	
0.45 to 2.51	250
2.51 to 3.0	3,000
3.0 to 30	250

NOTES

1. These conduction limits shall apply outside the bands specified in §18.301.
 2. For ultrasonic equipment, compliance with these conduction limits shall preclude the need to show compliance with the field strength limits below 30 MHz unless requested by the Commission.
 3. The tighter limits shall apply at the boundary between two frequency ranges.
- [50 FR 36067, Sept. 5, 1985, as amended at 52 FR 43198, Nov. 10, 1987; 64 FR 37419, July 12, 1999]

§ 18.309 Frequency range of measurements.

(a) For field strength measurements:

Frequency band in which device operates (MHz)	Range of frequency measurements	
	Lowest frequency	Highest frequency
Below 1.705	Lowest frequency generated in the device, but not lower than 9 kHz.	30 MHz.
1.705 to 30	Lowest frequency generated in the device, but not lower than 9 kHz.	400 MHz.
30 to 500	Lowest frequency generated in the device or 25 MHz, whichever is lower.	Tenth harmonic or 1,000 MHz, whichever is higher.
500 to 1,000	Lowest frequency generated in the device or 100 MHz, whichever is lower.	Tenth harmonic.
Above 1,000do	Tenth harmonic or highest detectable emission.

(b) For conducted powerline measurements, the frequency range over which the limits are specified will be scanned.

[50 FR 36070, Sept. 5, 1985, as amended at 51 FR 17971, May 16 1986]

§ 18.311 Methods of measurements.

The measurement techniques which will be used by the FCC to determine compliance with the technical requirements of this part are set out in FCC Measurement Procedure MP-5, "Methods of Measurements of Radio Noise Emissions from ISM equipment". Although the procedures in MP-5 are not mandated, manufacturers are encouraged to follow the same techniques which will be used by the FCC.

- 19.735-102 Cross-reference to ethics and other conduct related regulations.
- 19.735-103 Definitions.
- 19.735-104 Delegations.
- 19.735-105 Availability of ethics and other conduct related regulations and statutes.
- 19.735-106 Interpretation and advisory service.
- 19.735-107 Disciplinary and other remedial action.

Subpart B—Employee Responsibilities and Conduct

- 19.735-201 Outside employment and other activity prohibited by the Communications Act.
- 19.735-202 Financial interests prohibited by the Communications Act.
- 19.735-203 Nonpublic information.

AUTHORITY: 5 U.S.C. 7301; 47 U.S.C. 154 (b), (i), (j), and 303(r).

SOURCE: 61 FR 56112, Oct. 31, 1996, unless otherwise noted.

PART 19—EMPLOYEE RESPONSIBILITIES AND CONDUCT

Subpart A—General Provisions

Sec.
19.735-101 Purpose.