

Federal Communications Commission

Pt. 78, Index

(1) Any name change not involving change in ownership or control of the license;

(2) Any change to administrative information, e.g., address, telephone number, or contact person;

(3) Any change in ownership that does not affect the identity or controlling interest of the licensee;

(4) Lowering power;

(5) Removing one or more channels; or

(6) Deleting a path.

[68 FR 27004, May 19, 2003]

§ 78.111 Frequency tolerance.

Stations in this service shall maintain the carrier frequency of each authorized transmitter to within the following percentage of the assigned frequency.

Frequency band (MHz)	Frequency tolerance	
	Fixed (percent)	Mobile (percent)
1,990 to 2,110	0.005
6,425 to 6,525	0.005
6,875 to 7,125	0.005
12,700 to 13,250 ¹	0.005	0.005
17,700 to 18,820	0.003
18,820 to 18,920	0.001
18,920 to 19,700	0.003

¹ Stations that employing vestigial sideband AM transmissions shall maintain their operating frequency within 0.0005% the visual carrier, and the aural carrier shall be 4.5 MHz ±1 kHz above the visual carrier frequency.

[52 FR 7145, Mar. 9, 1987, as amended at 68 FR 12776, Mar. 17, 2003]

§ 78.113 Frequency monitors and measurements.

(a) The licensee of each CARS station shall employ a suitable procedure to determine that the carrier frequency of each transmitter is maintained within the tolerance prescribed in § 78.111 at all times. The determination shall be made, and the results thereof entered in the station records; when a transmitter is initially installed; when any change is made in a transmitter which may affect the carrier frequency or the stability thereof; or in any case at intervals not exceeding one year.

(b) The choice of apparatus to measure the operating frequency is left to the discretion of the licensee. However, failure of the apparatus to detect departures of the operating frequency in excess of the prescribed tolerance will

not be deemed an acceptable excuse for the violation.

[37 FR 3292, Feb. 12, 1972, as amended at 41 FR 29696, July 19, 1976; 50 FR 23422, June 4, 1985]

§ 78.115 Modulation limits.

(a) If amplitude modulation is employed, negative modulation peaks shall not exceed 100 percent modulation.

[37 FR 3292, Feb. 12, 1972, as amended at 45 FR 78696, Nov. 26, 1980]

ALPHABETICAL INDEX—PART 78

A

Antenna systems	78.105
Applications—	
Acceptance of; public notice	78.20
Amendments of	78.17
Contents of	78.15
Dismissal of	78.21
Objections to	78.22
Signing of	78.16
Assignment or transfer of control	78.35
Authority, Temporary	78.33
Authorized bandwidth	78.104
B	
Bandwidth authorized	78.104
C	
Certificated equipment	78.107
Changes in equipment	78.109
Conditions for license	78.27
Coordination, frequencies	78.36
Cross reference to other rules	78.3
D	
Definitions	78.5
E	
Eligibility for license	78.13
Emission designator	78.104
Emissions; emission limitations	78.103
Equal employment opportunities	78.75
Equipment changes	78.109
Equipment installation	78.107
Equipment tests	78.23
Extension of license, Temporary	78.31
F	
Frequency assignments	78.18
Frequency coordination	78.36
Frequency monitors and measurements	78.113
Frequency tolerance	78.111
G-H [Reserved]	
I	
Interference	78.19
Inspection of station by FCC	78.57
Installation of equipment	78.107
J-K [Reserved]	
L	
License conditions	78.27
License eligibility	78.13
License extension, Temporary	78.31
License period	78.29
Licenses, station and operator, Posting of	78.59
Lighting and maintenance of towers	78.63