

Federal Communications Commission

§ 90.264

Frequencies (MHz)

451.800/456.800	454.000/459.000
451.80625/456.80625	454.00625/459.00625
451.8125/456.8125	454.0125/459.0125
451.81875/456.81875	454.01875/459.01875
452.525	462.950/467.950
452.53125	462.95625/467.95625
452.5375	462.9625/467.9625
452.54375	462.96875/467.96875
452.550	462.975/467.975
452.55625	462.98125/467.98125
452.5625	462.9875/467.9875
452.56875	462.99375/467.99375
452.575	463.000/468.000
452.58125	463.00625/468.00625
452.5875	463.0125/468.0125
452.59375	463.01875/468.01875
452.600	463.025/468.025
452.60625	463.03125/468.03125
452.6125	463.0375/468.0375
452.61875	463.04375/468.04375
452.925/457.925	463.050/468.050
452.93125/457.93125	463.05625/468.05625
452.9375/457.9375	463.0625/468.0625
452.94375/457.94375	463.06875/468.06875
452.950/457.950	463.075/468.075
452.95625/457.95625	463.08125/468.08125
452.9625/457.9625	463.0875/468.0875
452.96875/457.96875	463.09375/468.09375
453.025/458.025	463.100/468.100
453.03125/458.03125	463.10625/468.10625
453.0375/458.0375	463.1125/468.1125
453.04375/458.04375	463.11875/468.11875
453.075/458.075	463.125/468.125
453.08125/458.08125	463.13125/468.13125
453.0875/458.0875	463.1375/468.1375
453.09375/458.09375	463.14375/468.14375
453.125/458.125	463.150/468.150
453.13125/458.13125	463.15625/468.15625
453.1375/458.1375	463.1625/468.1625
453.14375/458.14375	463.16875/468.16875
453.175/458.175	463.175/468.175
453.18125/458.18125	463.18125/468.18125
453.1875/458.1875	463.1875/468.1875
453.19375/458.19375	463.19375/468.19375

[57 FR 24992, June 12, 1992, as amended at 58 FR 33212, June 16, 1993; 60 FR 37268, July 19, 1995; 62 FR 18928, Apr. 17, 1997; 68 FR 19461, Apr. 21, 2003]

§ 90.263 Substitution of frequencies below 25 MHz.

Frequencies below 25 MHz when shown in the radio pool frequency listings under this part will be assigned to base or mobile stations only upon a satisfactory showing that, from a safety of life standpoint, frequencies above 25 MHz will not meet the operational requirements of the applicant. These frequencies are available for assignment in many areas; however, in individual cases such assignment may be

impracticable due to conflicting frequency use authorized to stations in other services by this and other countries. In such cases, a substitute frequency, if found to be available, may be assigned from the following bands: 1705–1750 kHz, 2107–2170 kHz, 2194–2495 kHz, 2506–2850 kHz, 3155–3400 kHz, or 4438–4650 kHz. Since such assignments are in certain instances subject to additional technical and operation limitations, it is necessary that each application also include precise information concerning transmitter output power, type and directional characteristics, if any, of the antenna, and the minimum necessary hours of operation. (This section is not applicable to the Radio-location Radio Service, subpart F.)

[68 FR 25541, May 13, 2003]

§ 90.264 Disaster communications between 2 and 10 MHz.

(a) The use of any particular frequency between 2 and 10 MHz is limited to those frequencies falling within the bands allocated to the fixed and land mobile services as indicated in § 2.106 of the Commission's Rules and Regulations.

(b) Only in the following circumstances will authority be extended to stations to operate on the frequencies between 2 and 10 MHz:

(1) To provide communications circuits in emergency and/or disaster situations, where safety of life and property are concerned;

(2) To provide standby and/or backup communications circuits to regular domestic communications circuits which have been disrupted by disasters and/or emergencies.

(c) The FCC will not accept responsibility for protection of the circuits from harmful interference caused by foreign operations.

(d) In the event that a complaint of harmful interference resulting from operation of these circuits is received from a foreign source, the offending circuit(s) must cease operation on the particular frequency concerned immediately upon notification by the Commission.

(e) In order to accommodate the situations described in paragraphs (c) and (d) of this section, the equipment shall

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be capable of transmitting and receiving on any frequency within the bands between 2 and 10 MHz and capable of immediate change among the frequencies.

(f) Only 2K80J3E, 100HA1A and those emission types listed in §90.237(g) are permitted.

(g) Applicants must fulfill eligibility requirements set out in §90.20(d)(6) and shall submit disaster communications plans pursuant to §90.129(m).

(h) Training exercises which require use of these frequencies for more than 420 minutes per week, cumulative, are not authorized without prior written approval from the Commission.

[46 FR 52373, Oct. 27, 1981, as amended at 48 FR 32831, July 19, 1983; 49 FR 48712, Dec. 14, 1984; 62 FR 18929, Apr. 17, 1997]

§ 90.265 Assignment and use of frequencies in the bands 169-172 MHz and 406-413 MHz.

(a) The following frequencies are available for assignment to fixed stations in the Industrial/Business Pool subject to the provisions of this section:

FREQUENCIES (MHz)	
169.425	171.125
169.450	171.825
169.475	171.850
169.500	171.875
169.525	171.900
170.225	171.925
170.250	406.125
170.275	406.175
170.300	409.675
170.325	409.725
171.025	412.625
171.050	412.675
171.075	412.725
171.100	412.775

(1) The use of these frequencies is limited to transmitting hydrological or meteorological data.

(2) All use of these frequencies is on a secondary basis to Federal Government stations and the hydrological or meteorological data being handled must be made available on request to governmental agencies.

(3) Other provisions of this part notwithstanding, an operational fixed station operating on these frequencies shall not communicate with any station in the mobile service unless writ-

ten authorization to do so has been obtained from the Commission.

(4) Persons who desire to operate stations on these frequencies should communicate with the Commission for instructions concerning the procedure to be followed in filing formal application.

(b) The following frequencies are available for wireless microphone operations to eligibles in this part, subject to the provisions of this paragraph:

FREQUENCIES (MHz)	
169.445	170.245
171.045	171.845
169.505	170.305
171.105	171.905

(1) The emission bandwidth shall not exceed 54 kHz.

(2) The output power shall not exceed 50 milliwatts.

(3) The frequency stability of wireless microphones shall limit the total emission to within ±32.5 kHz of the assigned frequency.

(4) Wireless microphone operations are unprotected from interference from other licensed operations in the band. If any interference from wireless microphone operation is received by any Government or non-Government operation, the wireless microphone must cease operation on the frequency involved. Applications are subject to Government coordination.

(Secs. 4(i) and 303(r), Communications Act of 1934, as amended, §§0.131 and 0.331 of the Commission's Rules and 5 U.S.C. 553 (b)(3)(B) and (d)(3))

[49 FR 20506, May 15, 1984, as amended at 62 FR 18929, Apr. 17, 1997]

§ 90.266 Long distance communications on frequencies below 25 MHz.

(a) The use of any particular frequency between 2 and 25 MHz is limited to those frequencies falling within the bands allocated to the fixed and land mobile services as indicated in §2.106 of the Commission's Rules and Regulations.

(b) Only in the following circumstances will authority be extended to stations to operate on the frequencies below 25 MHz:

(1) To provide communications circuits to support operations which are