

Federal Communications Commission

§ 90.715

§ 90.715 Frequencies available.

(a) The following table indicates the channel designations of frequencies available for assignment to eligible applicants under this subpart. Frequencies shall be assigned in pairs, with base station frequencies taken from the 220–221 MHz band with corresponding mobile and control station frequencies being 1 MHz higher and taken from the 221–222 MHz band. Only the lower half of the frequency pair(s) is listed in the table. Use of these frequencies in the Mexican and Canadian border areas is subject to coordination with those countries. See paragraph (c) of this section for special provisions concerning use in the Mexico border area.

TABLE OF 220–222 MHz CHANNEL DESIGNATIONS

Channel No.	Base frequency (MHz)
1	220.0025
2 .....	.0075
3 .....	.0125
4 .....	.0175
5 .....	.0225
6 .....	.0275
7 .....	.0325
8 .....	.0375
9 .....	.0425
10 .....	.0475
11 .....	.0525
12 .....	.0575
13 .....	.0625
14 .....	.0675
15 .....	.0725
16 .....	.0775
17 .....	.0825
18 .....	.0875
19 .....	.0925
20 .....	.0975
21	220.1025
22 .....	.1075
23 .....	.1125
24 .....	.1175
25 .....	.1225
26 .....	.1275
27 .....	.1325
28 .....	.1375
29 .....	.1425
30 .....	.1475
31 .....	.1525
32 .....	.1575
33 .....	.1625
34 .....	.1675
35 .....	.1725
36 .....	.1775
37 .....	.1825
38 .....	.1875
39 .....	.1925
40 .....	.1975
41	220.2025
42 .....	.2075
43 .....	.2125
44 .....	.2175

TABLE OF 220–222 MHz CHANNEL DESIGNATIONS—Continued

Channel No.	Base frequency (MHz)
45 .....	.2225
46 .....	.2275
47 .....	.2325
48 .....	.2375
49 .....	.2425
50 .....	.2475
51 .....	.2525
52 .....	.2575
53 .....	.2625
54 .....	.2675
55 .....	.2725
56 .....	.2775
57 .....	.2825
58 .....	.2875
59 .....	.2925
60 .....	.2975
61	220.3025
62 .....	.3075
63 .....	.3125
64 .....	.3175
65 .....	.3225
66 .....	.3275
67 .....	.3325
68 .....	.3375
69 .....	.3425
70 .....	.3475
71 .....	.3525
72 .....	.3575
73 .....	.3625
74 .....	.3675
75 .....	.3725
76 .....	.3775
77 .....	.3825
78 .....	.3875
79 .....	.3925
80 .....	.3975
81	220.4025
82 .....	.4075
83 .....	.4125
84 .....	.4175
85 .....	.4225
86 .....	.4275
87 .....	.4325
88 .....	.4375
89 .....	.4425
90 .....	.4475
91 .....	.4525
92 .....	.4575
93 .....	.4625
94 .....	.4675
95 .....	.4725
96 .....	.4775
97 .....	.4825
98 .....	.4875
99 .....	.4925
100 .....	.4975
101	220.5025
102 .....	.5075
103 .....	.5125
104 .....	.5175
105 .....	.5225
106 .....	.5275
107 .....	.5325
108 .....	.5375
109 .....	.5425
110 .....	.5475
111 .....	.5525
112 .....	.5575
113 .....	.5625
114 .....	.5675

§ 90.715

TABLE OF 220–222 MHz CHANNEL DESIGNATIONS—Continued

Channel No.	Base frequency (MHz)
115 .....	.5725
116 .....	.5775
117 .....	.5825
118 .....	.5875
119 .....	.5925
120 .....	.5975
121	220.6025
122 .....	.6075
123 .....	.6125
124 .....	.6175
125 .....	.6225
126 .....	.6275
127 .....	.6325
128 .....	.6375
129 .....	.6425
130 .....	.6475
131 .....	.6525
132 .....	.6575
133 .....	.6625
134 .....	.6675
135 .....	.6725
136 .....	.6775
137 .....	.6825
138 .....	.6875
139 .....	.6925
140 .....	.6975
141	220.7025
142 .....	.7075
143 .....	.7125
144 .....	.7175
145 .....	.7225
146 .....	.7275
147 .....	.7325
148 .....	.7375
149 .....	.7425
150 .....	.7475
151 .....	.7525
152 .....	.7575
153 .....	.7625
154 .....	.7675
155 .....	.7725
156 .....	.7775
157 .....	.7825
158 .....	.7875
159 .....	.7925

47 CFR Ch. I (10–1–10 Edition)

TABLE OF 220–222 MHz CHANNEL DESIGNATIONS—Continued

Channel No.	Base frequency (MHz)
160 .....	.7975
161	220.8025
162 .....	.8075
163 .....	.8125
164 .....	.8175
165 .....	.8225
166 .....	.8275
167 .....	.8325
168 .....	.8375
169 .....	.8425
170 .....	.8475
171 .....	.8525
172 .....	.8575
173 .....	.8625
174 .....	.8675
175 .....	.8725
176 .....	.8775
177 .....	.8825
178 .....	.8875
179 .....	.8925
180 .....	.8975
181	220.9025
182 .....	.9075
183 .....	.9125
184 .....	.9175
185 .....	.9225
186 .....	.9275
187 .....	.9325
188 .....	.9375
189 .....	.9425
190 .....	.9475
191 .....	.9525
192 .....	.9575
193 .....	.9625
194 .....	.9675
195 .....	.9725
196 .....	.9775
197 .....	.9825
198 .....	.9875
199 .....	.9925
200	220.9975

(b) The 200 channels are divided into three sub-bands as follows:

Channel No.	Sub-band	Frequencies (MHz)
1–40	A	220.0025–220.1975/221.0025–221.1975
41–160	C	220.2025–220.7975/221.2025–221.7975
161–200	B	220.8025–220.9975/221.8025–221.9975

(c) *U.S./Mexico border area.* (1) Channels 16–30, 45–60, 76–90, 106–120, 136–145, 156–165, 178–194 are available for primary use within the United States within 120 km (74.6 mi) of the Mexican border, subject to the power and antenna height conditions specified in § 90.729 and the use restrictions specified in §§ 90.717–90.721.

(2) Channels 195–200 are available to both the United States and Mexico in the border area on an unprotected

basis. Use is limited to a maximum effective radiated power (ERP) of 2 watts and a maximum antenna height of 6.1 meters (20 ft) above ground.

(3) Channels allotted for primary Mexican use (1–15, 31–45, 61–75, 91–105, 121–135, 146–155, and 166–177) may be used in the border area subject to the condition that the power flux density not exceed –86 dB(W/m²) at or beyond

Federal Communications Commission

§ 90.721

any point on the border. Stations operating under this provision will be considered secondary and will not be granted protection from harmful interference from stations that have primary use of the frequencies.

[56 FR 19603, Apr. 29, 1991, as amended at 57 FR 55148, Nov. 24, 1992]

§ 90.717 Channels available for nationwide systems in the 220–222 MHz band.

(a) Channels 51–60, 81–90, and 141–150 are 10-channel blocks available to non-Government applicants only for nationwide Phase II systems.

(b) Channels 21–25, 26–30, 151–155, and 156–160 are 5-channel blocks available to non-Government applicants only for nationwide, commercial Phase I systems.

(c) Channels 111–115 and 116–120 are 5-channel blocks available for Government nationwide use only.

[62 FR 15994, Apr. 3, 1997]

§ 90.719 Individual channels available for assignment in the 220–222 MHz band.

(a) Channels 171 through 200 are available to both Government and non-Government Phase I applicants, and may be assigned singly or in contiguous channel groups.

(b) Channels 171 through 180 are available for any use by Phase I applicants consistent with this subpart.

(c) Channels 181 through 185 are set aside in Phase II for emergency medical use for applicants that meet the eligibility criteria of § 90.20(a)(1)(iii) or § 90.20(a)(2)(xiii).

(d) Channels 161 through 170 and 181 through 185 are the only 220–222 MHz channels available to Phase II non-nationwide, Government users.

[62 FR 15994, Apr. 3, 1997, as amended at 62 FR 18936, Apr. 17, 1997]

§ 90.720 Channels available for public safety/mutual aid.

(a) Part 90 licensees who meet the eligibility criteria of §§ 90.20(a)(1), 90.20(a)(2)(i), 90.20(a)(2)(ii), 90.20(a)(2)(iii), 90.20(a)(2)(iv), 90.20(a)(2)(vii), 90.20(a)(2)(ix), or 90.20(a)(2)(xiii) are authorized by this rule to use mobile and/or portable units

on Channels 161–170 throughout the United States, its territories, and possessions to transmit:

(1) Communications relating to the immediate safety of life;

(2) Communications to facilitate interoperability among entities eligible under §§ 90.20(a)(1), 90.20(a)(2)(i), 90.20(a)(2)(ii), 90.20(a)(2)(iii), 90.20(a)(2)(iv), 90.20(a)(2)(vii), 90.20(a)(2)(ix), and 90.20(a)(2)(xiii); or

(3) Communications on behalf of and by members of organizations established for disaster relief purposes having an emergency radio communications plan (*i.e.*, licensees eligible under § 90.20(a)(2)(vii)) for the transmission of communications relating to the safety of life or property, the establishment and maintenance of temporary relief facilities, and the alleviation of emergency conditions during periods of actual or impending emergency, or disaster, until substantially normal conditions are restored; for limited training exercises incidental to an emergency radio communications plan, and for necessary operational communications of the disaster relief organization or its chapter affiliates.

(b) Any Government entity and any non-Government entity eligible to obtain a license under §§ 90.20(a)(1), 90.20(a)(2)(i), 90.20(a)(2)(ii), 90.20(a)(2)(iii), 90.20(a)(2)(iv), 90.20(a)(2)(vii), 90.20(a)(2)(ix), or 90.20(a)(2)(xiii) is also eligible to obtain a license for base/mobile operations on Channels 161 through 170. Base/mobile or base/portable communications on these channels that do not relate to the immediate safety of life or to communications interoperability among the above-specified entities, may only be conducted on a secondary non-interference basis to such communications.

[62 FR 18936, Apr. 17, 1997]

§ 90.721 Other channels available for non-nationwide systems in the 220–222 MHz band.

(a) The channel groups listed in the following Table are available to both Government and non-Government Phase I applicants for trunked operations or operations of equivalent or greater efficiency for non-commercial or commercial operations.