

event a communications session is interrupted by interference. The following criteria must be met:

(i) Before transmitting on the alternate channel, the channel must be monitored for a period of at least 10 milliseconds.

(ii) The detected power level during this 10 millisecond or greater monitoring period must be no higher than 6 dB above the power level detected when the channel was chosen as the alternate channel.

(iii) In the event that this alternate channel provision is not used by the MICS system or if the criteria in (i) and (ii) are not met, a channel must be selected using the access criteria specified in paragraphs (a)(1) through (a)(4) of this section.

(6) As used in this section, the following definitions apply:

(i) *Emission bandwidth*—Measured as the width of the signal between the points on either side of carrier center frequency that are 20 dB down relative to the maximum level of the modulated carrier. Compliance will be determined using instrumentation employing a peak detector function and a resolution bandwidth approximately equal to 1% of the emission bandwidth of the device under test.

(ii) *MICS channel*—Any continuous segment of spectrum that is equal to the emission bandwidth of the device with the largest bandwidth that is to participate in a MICS communications session. (Note: The rules do not specify a channeling scheme for use by MICS systems.)

(iii) *MICS communications session*—A collection of transmissions, that may or may not be continuous, between MICS system devices.

(b) MICS communications sessions initiated by a medical implant event are not required to use the access criteria set forth in paragraph (a) of this section.

(c) Stations may operate on any of the frequencies in the band 402–405 MHz, provided that the out-of-band emissions are attenuated in accordance with § 95.635.

(d) The authorized bandwidth of the emission from a MICS station shall not exceed 300 kHz, and no communications session involving MICS stations shall

use more than a total of 300 kHz of bandwidth during such a session. Note: This provision does not preclude full duplex or half duplex communications provided that the total amount of bandwidth utilized by all of the MICS channels employed in such a MICS communications session does not exceed 300 kHz.

(e) Each transmitter in the MICS service must maintain a frequency stability of ± 100 ppm of the operating frequency over the range:

(1) 25°C to 45°C in the case of medical implant transmitters; and

(2) 0°C to 55°C in the case of medical implant programmer/control transmitters.

(f) The provisions of this section shall not be used to extend the range of spectrum occupied over space or time for the purpose denying fair access to spectrum for other MICS systems.

[64 FR 69930, Dec. 15, 1999]

§ 95.629 LPRS transmitter frequencies.

(a) LPRS transmitters may operate on any frequency listed in paragraphs (b), (c), and (d) of this section. Channels 19, 20, 50, and 151–160 are available exclusively for law enforcement tracking purposes. AMTS transmissions are limited to the 216.750–217.000 MHz band for low power point-to-point network control communications by AMTS coast stations. Other AMTS transmissions in the 216–217 MHz band are prohibited.

(b) *Standard band channels.* (1) The following table indicates standard band frequencies. The channel bandwidth is 25 kHz.

Channel No.	Center frequency (MHz)
1	216.0125
2	216.0375
3	216.0625
4	216.0875
5	216.1125
6	216.1375
7	216.1625
8	216.1875
9	216.2125
10	216.2375
11	216.2625
12	216.2875
13	216.3125
14	216.3375
15	216.3625
16	216.3875
17	216.4125

Channel No.	Center frequency (MHz)
18	216.4375
19	216.4625
20	216.4875
21	216.5125
22	216.5375
23	216.5625
24	216.5875
25	216.6125
26	216.6375
27	216.6625
28	216.6875
29	216.7125
30	216.7375
31	216.7625
32	216.7875
33	216.8125
34	216.8375
35	216.8625
36	216.8875
37	216.9125
38	216.9375
39	216.9625
40	216.9875

(2) LPRS transmitters operating on standard band channels must be maintained within a frequency stability of 50 parts per million.

(c) *Extra band channels.* (1) The following table indicates extra band frequencies. The channel bandwidth is 50 kHz.

Channel No.	Center frequency (MHz)
41	216.025
42	216.075
43	216.125
44	216.175
45	216.225
46	216.275
47	216.325
48	216.375
49	216.425
50	216.475
51	216.525
52	216.575
53	216.625
54	216.675
55	216.725
56	216.775
57	216.825
58	216.875
59	216.925
60	216.975

(2) LPRS transmitters operating on extra band channels must be maintained within a frequency stability of 50 parts per million.

(d) *Narrowband channels.* (1) The following table indicates narrowband frequencies. The channel bandwidth is 5 kHz and the authorized bandwidth is 4 kHz.

Channel No.	Center frequency (MHz)
61	216.0025
62	216.0075
63	216.0125
64	216.0175
65	216.0225
66	216.0275
67	216.0325
68	216.0375
69	216.0425
70	216.0475
71	216.0525
72	216.0575
73	216.0625
74	216.0675
75	216.0725
76	216.0775
77	216.0825
78	216.0875
79	216.0925
80	216.0975
81	216.1025
82	216.1075
83	216.1125
84	216.1175
85	216.1225
86	216.1275
87	216.1325
88	216.1375
89	216.1425
90	216.1475
91	216.1525
92	216.1575
93	216.1625
94	216.1675
95	216.1725
96	216.1775
97	216.1825
98	216.1875
99	216.1925
100	216.1975
101	216.2025
102	216.2075
103	216.2125
104	216.2175
105	216.2225
106	216.2275
107	216.2325
108	216.2375
109	216.2425
110	216.2475
111	216.2525
112	216.2575
113	216.2625
114	216.2675
115	216.2725
116	216.2775
117	216.2825
118	216.2875
119	216.2925
120	216.2975
121	216.3025
122	216.3075
123	216.3125
124	216.3175
125	216.3225
126	216.3275
127	216.3325
128	216.3375
129	216.3425
130	216.3475
131	216.3525
132	216.3575

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Channel No.	Center frequency (MHz)	Channel No.	Center frequency (MHz)
133	216.3625	205	216.7225
134	216.3675	206	216.7275
135	216.3725	207	216.7325
136	216.3775	208	216.7375
137	216.3825	209	216.7425
138	216.3875	210	216.7475
139	216.3925	211	216.7525
140	216.3975	212	216.7575
141	216.4025	213	216.7625
142	216.4075	214	216.7675
143	216.4125	215	216.7725
144	216.4175	216	216.7775
145	216.4225	217	216.7825
146	216.4275	218	216.7875
147	216.4325	219	216.7925
148	216.4375	220	216.7975
149	216.4425	221	216.8025
150	216.4475	222	216.8075
151	216.4525	223	216.8125
152	216.4575	224	216.8175
153	216.4625	225	216.8225
154	216.4675	226	216.8275
155	216.4725	227	216.8325
156	216.4775	228	216.8375
157	216.4825	229	216.8425
158	216.4875	230	216.8475
159	216.4925	231	216.8525
160	216.4975	232	216.8575
161	216.5025	233	216.8625
162	216.5075	234	216.8675
163	216.5125	235	216.8725
164	216.5175	236	216.8775
165	216.5225	237	216.8825
166	216.5275	238	216.8875
167	216.5325	239	216.8925
168	216.5375	240	216.8975
169	216.5425	241	216.9025
170	216.5475	242	216.9075
171	216.5525	243	216.9125
172	216.5575	244	216.9175
173	216.5625	245	216.9225
174	216.5675	246	216.9275
175	216.5725	247	216.9325
176	216.5775	248	216.9375
177	216.5825	249	216.9425
178	216.5875	250	216.9475
179	216.5925	251	216.9525
180	216.5975	252	216.9575
181	216.6025	253	216.9625
182	216.6075	254	216.9675
183	216.6125	255	216.9725
184	216.6175	256	216.9775
185	216.6225	257	216.9825
186	216.6275	258	216.9875
187	216.6325	259	216.9925
188	216.6375	260	216.9975
189	216.6425		
190	216.6475		
191	216.6525		
192	216.6575		
193	216.6625		
194	216.6675		
195	216.6725		
196	216.6775		
197	216.6825		
198	216.6875		
199	216.6925		
200	216.6975		
201	216.7025		
202	216.7075		
203	216.7125		
204	216.7175		

(2) LPRS transmitters operating on narrowband channels must be maintained within a frequency stability of 1.5 parts per million.

[61 FR 46567, Sept. 4, 1996]

§ 95.630 WMTS Transmitter frequencies.

WMTS transmitters may operate in the frequency bands specified as follows: