§ 95.626

16 27.155 17 27.165 18 27.175 19 27.185 20 27.205 21 27.215 22 27.225 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	Channel No.	(MHz)
17 27.165 18 27.175 19 27.205 20 27.205 21 27.215 22 27.225 23 27.255 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.365 37 27.375 38 27.385 39 27.395	15	27.135
18 27.175 19 27.185 20 27.205 21 27.215 22 27.225 23 27.255 24 27.235 26 27.245 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.375 39 27.395	16	27.155
19 27.185 20 27.205 21 27.215 22 27.225 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	17	27.165
20 27.205 21 27.215 22 27.225 23 27.255 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	18	27.175
21 27.215 22 27.225 23 27.255 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	19	27.185
22 27.225 23 27.235 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.305 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	20	27.205
23 27.255 24 27.235 25 27.245 26 27.265 27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	21	27.215
24 27.235 25 27.245 26 27.265 27 27.275 28 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	22	27.225
25 27.245 26 27.265 27 27.275 28 27.295 29 27.295 31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	23	27.255
26 27.265 27 27.275 28 27.275 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.365 36 27.365 37 27.375 38 27.385 39 27.395	24	27.235
27 27.275 28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	25	27.245
28 27.285 29 27.295 30 27.305 31 27.315 32 27.325 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	26	27.265
29 27.295 30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.365 36 27.365 37 27.375 38 27.378 39 27.395	27	27.275
30 27.305 31 27.315 32 27.325 33 27.335 34 27.345 35 27.345 36 27.365 37 27.375 38 27.385 39 27.395	28	27.285
31 27.315 32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	29	27.295
32 27.325 33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	30	27.305
33 27.335 34 27.345 35 27.355 36 27.365 37 27.375 38 27.378 39 27.395	31	27.315
34 27.345 35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	32	27.325
35 27.355 36 27.365 37 27.375 38 27.385 39 27.395	33	27.335
36 27.365 37 27.375 38 27.385 39 27.395	34	27.345
37 27.375 38 27.385 39 27.395	35	27.355
38 27.385 39 27.395	36	27.365
39	37	27.375
	38	27.385
40	39	27.395
	40	27.405

(b) Each CB transmitter must be maintained within a frequency tolerance of 0.005%.

§ 95.626 FRS unit channel frequencies.

(a) The FRS unit channel frequencies are:

Channel No.	(MHz)
1	462.5625
2	462.5875
3	462.6125
4	462.6375
5	462.6625
6	462.6875
7	462.7125
8	467.5625
9	467.5875
10	467.6125
11	467.6375
12	467.6625
13	467.6875
14	467.7125

(b) Each FRS unit must be maintained within a frequency tolerance of 0.00025%.

[61 FR 28769, June 6, 1996. Redesignated at 77 FR 4268, Jan. 27, 2012]

§ 95.627 MedRadio transmitters in the 401–406 MHz band.

The following provisions apply only to MedRadio transmitters operating in the 401–406 MHz band.

(a) Frequency monitoring. Except as provided in (b) of this section, all MedRadio programmer/control transmitters operating in the 401-406 MHz

band must operate under the control of a monitoring system that incorporates a mechanism for monitoring the channel or channels that the MedRadio system devices intend to occupy. The monitoring system antenna shall be the antenna normally used by the programmer/control transmitter for a communications session. Before the monitoring system of a MedRadio programmer/control transmitter initiates a MedRadio communications session, the following access criteria must be met:

- (1) The monitoring system bandwidth measured at its 20 dB down points must be equal to or greater than the emission bandwidth of the intended transmission.
- (2) Within 5 seconds prior to initiating a communications session, circuitry associated with a MedRadio programmer/control transmitter must monitor the channel or channels the system devices intend to occupy for a minimum of 10 milliseconds per channel.
- (3) Based on use of an isotropic monitoring system antenna, the monitoring threshold power level must not be more than $10\log B(Hz) - 150 (dBm/Hz) +$ G(dBi), where B is the emission bandwidth of the MedRadio communications session transmitter having the widest emission and G is the MedRadio programmer/control transmitter monitoring system antenna gain relative to an isotropic antenna. For purposes of showing compliance with the above provision, the above calculated threshold power level must be increased or decreased by an amount equal to the monitoring system antenna gain above or below the gain of an isotropic antenna, respectively.
- (4) If no signal in a MedRadio channel above the monitoring threshold power level is detected, the MedRadio programmer/control transmitter may initiate a MedRadio-communications session involving transmissions to and from a medical implant or medical body-worn device on that channel. The MedRadio communications session may continue as long as any silent period between consecutive data transmission bursts does not exceed 5 seconds. If a channel meeting the criteria