

FM band expanders - potential band expander conflicts

The Table shows the potential shift conflicts with respect to 10, 12, 14 and 16 MHz band expanders for each broadcast frequency used in New Zealand. Conflicts may occur where the broadcast frequency and conflict frequency in the same row are used for FM broadcasting in an area. Blank spots are also shown. Degradation may also be experienced within 0.3 MHz or more of a direct conflict or of a blank spot. Remember that when a band expander is fitted, the number on the tuning dial does not show the actual broadcast frequency.

Band expander conflict frequency

Broadcast Frequency	10 MHz	12 MHz	14 MHz	16 MHz
89.0	99.0	101.0	103.0	105.0
89.1	99.1	101.1	103.1	105.1
89.2	99.2	101.2	103.2	105.2
89.3	99.3	101.3	103.3	105.3
89.4	99.4	101.4	103.4	105.4
89.5	99.5	101.5	103.5	105.5
89.6	99.6	101.6	103.6	105.6
89.7	99.7	101.7	103.7	105.7
89.8	99.8	101.8	103.8	105.8
89.9	99.9	101.9	103.9	105.9
90.0	100.0	102.0	104.0	106.0
90.1	100.1	102.1	104.1	106.1
90.2	100.2	102.2	104.2	106.2
90.3	100.3	102.3	104.3	106.3
90.4	100.4	102.4	104.4	106.4
90.5	100.5	102.5	104.5	106.5
90.6	100.6	102.6	104.6	
90.7	100.7	102.7	104.7	
90.8	100.8	102.8	104.8	
90.9	100.9	102.9	104.9	
91.0	101.0	103.0	105.0	
91.1	101.1	103.1	105.1	
91.2	101.2	103.2	105.2	
91.3	101.3	103.3	105.3	
91.4	101.4	103.4	105.4	
91.5	101.5	103.5	105.5	
91.6	101.6	103.6	105.6	
91.7	101.7	103.7	105.7	

91.8	101.8	103.8	105.8
91.9	101.9	103.9	105.9
92.0	102.0	104.0	106.0
92.1	102.1	104.1	106.1
92.2	102.2	104.2	106.2
92.3	102.3	104.3	106.3
92.4	102.4	104.4	106.4
92.5	102.5	104.5	106.5
92.6	102.6	104.6	
92.7	102.7	104.7	
92.8	102.8	104.8	
92.9	102.9	104.9	
93.0	103.0	105.0	
93.1	103.1	105.1	
93.2	103.2	105.2	
93.3	103.3	105.3	
93.4	103.4	105.4	
93.5	103.5	105.5	
93.6	103.6	105.6	
93.7	103.7	105.7	
93.8	103.8	105.8	
93.9	103.9	105.9	
94.0	104.0	106.0	
94.1	104.1	106.1	
94.2	104.2	106.2	
94.3	104.3	106.3	
94.4	104.4	106.4	
94.5	104.5	106.5	
94.6	104.6		
94.7	104.7		
94.8	104.8		
94.9	104.9		
95.0	105.0		
95.1	105.1		
95.2	105.2		
95.3	105.3		
95.4	105.4		
95.5	105.5		
95.6	105.6		
95.7	105.7		

95.8	105.8	
95.9	105.9	
96.0	106.0	
96.1	106.1	
96.2	106.2	
96.3	106.3	
96.4	106.4	
96.5	106.5	
96.6~98.8		
98.9	88.9	
99.0	89.0	
99.1	89.1	
99.2	89.2	
99.3	89.3	
99.4	89.4	
99.5	89.5	
99.6	89.6	
99.7	89.7	
99.8	89.8	
99.9	89.9	
100.0	90.0	
100.1	90.1	
100.2	90.2	
100.3	90.3	
100.4	90.4	
100.5	90.5	
100.6	90.6	88.6
100.7	90.7	88.7
100.8	90.8	88.8
100.9	90.9	88.9
101.0	91.0	89.0
101.1	91.1	89.1
101.2	91.2	89.2
101.3	91.3	89.3
101.4	91.4	89.4
101.5	91.5	89.5
101.6	91.6	89.6
101.7	91.7	89.7
101.8	91.8	89.8
101.9	91.9	89.9

102.0	92.0	90.0		
102.1	92.1	90.1		
102.2	92.2	90.2		
102.3	92.3	90.3		
102.4	92.4	90.4		
102.5	92.5	90.5		
102.6	92.6	90.6	88.6	
102.7	92.7	90.7	88.7	
102.8	92.8	90.8	88.8	
102.9	92.9	90.9	88.9	
103.0	93.0	91.0	89.0	
103.1	93.1	91.1	89.1	
103.2	93.2	91.2	89.2	
103.3	93.3	91.3	89.3	
103.4	93.4	91.4	89.4	
103.5	93.5	91.5	89.5	
103.6	93.6	91.6	89.6	
103.7	93.7	91.7	89.7	
103.8	93.8	91.8	89.8	
103.9	93.9	91.9	89.9	
104.0	94.0	92.0	90.0	
104.1	94.1	92.1	90.1	
104.2	94.2	92.2	90.2	
104.3	94.3	92.3	90.3	
104.4	94.4	92.4	90.4	
104.5	94.5	92.5	90.5	
104.6	94.6	92.6	90.6	88.6
104.7	94.7	92.7	90.7	88.7
104.8	94.8	92.8	90.8	88.8
104.9	94.9	92.9	90.9	88.9
105.0	95.0	93.0	91.0	89.0
105.1	95.1	93.1	91.1	89.1
105.2	95.2	93.2	91.2	89.2
105.3	95.3	93.3	91.3	89.3
105.4	95.4	93.4	91.4	89.4
105.5	95.5	93.5	91.5	89.5
105.6	95.6	93.6	91.6	89.6
105.7	95.7	93.7	91.7	89.7
105.8	95.8	93.8	91.8	89.8
105.9	95.9	93.9	91.9	89.9

106.0	96.0	94.0	92.0	90.0
106.1	96.1	94.1	92.1	90.1
106.2	96.2	94.2	92.2	90.2
106.3	96.3	94.3	92.3	90.3
106.4	96.4	94.4	92.4	90.4
106.5	96.5	94.5	92.5	90.5
Broadcast Frequency	10 MHz	12 MHz	14 MHz	16 MHz