

TV Channel to Frequency Converter



This table converts from TV channel numbers to frequencies. These frequencies may be used for radio microphones, low power talkback (1W max) or 1W audio links, subject to availability. Note the following:

- As channels 21-68 are used for TV broadcasting, the frequencies available vary with location.
- As most microphones have a bandwidth of 200kHz then band-edge frequencies may not be available. For example, a radio mic on 846.000 MHz will be in both Channels 67 and 68.
- Further restrictions apply to Channels 36 and 38.
- The top 400 kHz of each 8 MHz is not always available for radio microphones.

TV Channel	Lower edge of Band (MHz)	Upper edge of Band (MHz)
21	470	478
22	478	486
23	486	494
24	494	502
25	502	510
26	510	518
27	518	526
28	526	534
29	534	542
30	542	550
31	550	558
32	558	566
33	566	574
34	574	582
35	582	590
36	590	598
37	598	606
38	606	614
39	614	622
40	622	630
41	630	638
42	638	646
43	646	654
44	654	662
45	662	670

TV Channel	Lower edge of Band (MHz)	Upper edge of Band (MHz)
46	670	678
47	678	686
48	686	694
49	694	702
50	702	710
51	710	718
52	718	726
53	726	734
54	734	742
55	742	750
56	750	758
57	758	766
58	766	774
59	774	782
60	782	790
61	790	798
62	798	806
63	806	814
64	814	822
65	822	830
66	830	838
67	838	846
68	846	854
69	854	862
"70"	863	865