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# Television Frequency Table

This table is the frequency chart for the US designated Television Channels. There are both VHF and UHF channels listed. This is listed as a matter of information only and is part of the public domain information of the government.



GENERAL TELEVISION FREQUENCIES	
Sub CATV Band - T7 - T13	7 - 58 Mhz
VHF Band - Ch. 2 - 13	54 - 216 Mhz
Low Band - VHF Ch. 2 - 6	59 - 88 Mhz
Mid Band - UHF Ch. 14 - 22 - UHF Ch. 95 - 99	121 - 174 Mhz 91 - 120 Mhz
High Band - VHF Ch. 7 - 13	175 - 216 Mhz
Super Band - CATV Ch. 23 - 36	216 - 300 Mhz
Hyper Band - CATV Ch. 37 - 62	300 - 456 Mhz
Ultra Band - CATV Ch. 63 - 158	457 - 1002 Mhz
UHF Band Ch.14 - 83 - CATV Ch. 63 - 158	70 - 1002 Mhz

## VHF TELEVISION FREQUENCIES

BAND	CH #	FREQUENCY	BAND	CH #	FREQUENCY
VHF LOW	02	54-60 Mhz	VHF HIGH	07	174-180 Mhz
VHF LOW	03	60-66 Mhz	VHF HIGH	08	180-186 Mhz
VHF LOW	04	66-72 Mhz	VHF HIGH	09	186-192 Mhz
VHF LOW	05	76-82 Mhz	VHF HIGH	10	192-198 Mhz
VHF LOW	06	82-88 Mhz	VHF HIGH	11	198-204 Mhz
			VHF HIGH	12	204-210 Mhz
			VHF HIGH	13	210-216 Mhz

## UHF TELEVISION FREQUENCIES

CH #	FREQUENCY	CH #	FREQUENCY	CH #	FREQUENCY
14	470-476 Mhz	38	614-620 Mhz	62	758-764 Mhz
15	476-482 Mhz	39	620-626 Mhz	63	764-770 Mhz
16	482-488 Mhz	40	626-632 Mhz	64	770-776 Mhz
17	488-494 Mhz	41	632-638 Mhz	65	776-782 Mhz

18	494-500 Mhz	42	638-644 Mhz	66	782-788 Mhz
19	500-506 Mhz	43	644-650 Mhz	67	788-794 Mhz
20	506-512 Mhz	44	650-656 Mhz	68	794-800 Mhz
21	512-518 Mhz	45	656-662 Mhz	69	800-806 Mhz
22	518-524 Mhz	46	662-668 Mhz	70	806-812 Mhz
23	524-530 Mhz	47	668-674 Mhz	71	812-818 Mhz
24	530-536 Mhz	48	674-680 Mhz	72	818-824 Mhz
25	536-542 Mhz	49	680-686 Mhz	73	824-830 Mhz
26	542-548 Mhz	50	686-692 Mhz	74	830-836 Mhz
27	548-554 Mhz	51	692-698 Mhz	75	836-842 Mhz
28	554-560 Mhz	52	698-704 Mhz	76	842-848 Mhz
29	560-566 Mhz	53	704-710 Mhz	77	848-854 Mhz
30	566-572 Mhz	54	710-716 Mhz	78	854-860 Mhz
31	572-578 Mhz	55	716-722 Mhz	79	860-866 Mhz
32	578-584 Mhz	56	722-728 Mhz	80	866-872 Mhz
33	584-590 Mhz	57	728-734 Mhz	81	872-878 Mhz
34	590-596 Mhz	58	734-740 Mhz	82	878-884 Mhz
35	596-602 Mhz	59	740-746 Mhz	83	884-890 Mhz
36	602-608 Mhz	60	746-752 Mhz		
37	608-614 Mhz	61	752-758 Mhz		

CATV CHANNELS		
CATV Channel	Video Frequency	Sound Frequency
<b>SUB-Band CATV Channels</b>		
T7	7.0000	11.5000
T8	13.0000	17.5000
T9	19.0000	23.5000
T10	25.0000	29.5000
T11	31.0000	35.5000
T12	37.0000	41.5000
T13	43.0000	47.5000
<b>LOW BAND</b>		
2	55.2500	59.7500
3	61.2500	65.7500
4	67.2500	71.7500

5	77.2500	81.7500
6	83.2500	87.7500
<b>MID BAND</b>		
95	91.2500	95.7500
96	97.2500	101.7500
97	103.2500	107.7500
98	109.2750	113.7750
99	115.2750	119.7750
14	121.2625	125.7625
15	127.2625	131.7625
16	133.2625	137.7625
17	139.2500	143.7500
18	145.2500	149.7500
19	151.2500	155.7500
20	157.2500	161.7500
21	163.2500	167.7500
22	169.2500	173.7500
<b>HIGH BAND</b>		
7	175.2500	179.7500
8	181.2500	185.7500
9	187.2500	191.7500
10	193.2500	197.7500
11	199.2500	203.7500
12	205.2500	209.7500
13	211.2500	215.7500
<b>SUPER BAND</b>		
23	217.2500	221.7500
24	223.2500	227.7500
25	229.2625	233.7625
26	235.2625	239.7625
27	241.2625	245.7625
28	247.2625	251.7625
29	253.2625	257.7625
30	259.2625	263.7625
31	265.2625	269.7625
32	271.2625	275.7625

33	277.2625	281.7625
34	283.2625	287.7625
35	289.2625	293.7625
36	295.2625	299.7625
<b>HYPER BAND</b>		
37	301.2625	305.7625
38	307.2625	311.7625
39	313.2625	317.7625
40	319.2625	323.7625
41	325.2625	329.7625
42	331.2750	335.7750
43	337.2625	341.7625
44	343.2625	347.7625
45	349.2625	353.7625
46	355.2625	359.7625
47	361.2625	365.7625
48	367.2625	371.7625
49	373.2625	377.7625
50	379.2625	383.7625
51	385.2625	389.7625
52	391.2625	395.7625
53	397.2625	401.7625
54	403.2500	407.7500
55	409.2500	413.7500
56	415.2500	419.7500
57	421.2500	425.7500
58	427.2500	431.7500
59	433.2500	437.7500
60	439.2500	443.7500
61	445.2500	449.7500
62	451.2500	455.7500
<b>ULTRA BAND</b>		
63	457.2500	461.7500
64	463.2500	467.7500
65	469.2500	473.7500

66	475.2500	479.7500
67	481.2500	485.7500
68	487.2500	491.7500
69	493.2500	497.7500
70	499.2500	503.7500
71	505.2500	509.7500
72	511.2500	515.7500
73	517.2500	521.7500
74	523.2500	527.7500
75	529.2500	533.7500
76	535.2500	539.7500
77	541.2500	545.7500
78	547.2500	551.7500
79	553.2500	557.7500
80	559.2500	563.7500
81	565.2500	569.7500
82	571.2500	575.7500
83	577.2500	581.7500
84	583.2500	587.7500
85	589.2500	593.7500
86	595.2500	599.7500
87	601.2500	605.7500
88	607.2500	611.7500
89	613.2500	617.7500
90	619.2500	623.7500
91	625.2500	629.7500
92	631.2500	635.7500
93	637.2500	641.7500
94	643.2500	647.7500
100	649.2500	653.7500
101	655.2500	659.7500
102	661.2500	665.7500
103	667.2500	671.7500
104	673.2500	677.7500
105	679.2500	683.7500
106	685.2500	689.7500

107	691.2500	695.7500
108	697.2500	701.7500
109	703.2500	707.7500
110	709.2500	713.7500
111	715.2500	719.7500
112	721.2500	725.7500
113	727.2500	731.7500
114	733.2500	737.7500
115	739.2500	743.7500
116	745.2500	749.7500
117	751.2500	755.7500
118	757.2500	761.7500
119	763.2500	767.7500
120	769.2500	773.7500
121	775.2500	779.7500
122	781.2500	785.7500
123	787.2500	791.7500
124	793.2500	797.7500
125	799.2500	803.7500
126	805.2500	809.7500
127	811.2500	815.7500
128	817.2500	821.7500
129	823.2500	827.7500
130	829.2500	833.7500
131	835.2500	839.7500
132	841.2500	845.7500
133	847.2500	851.7500
134	853.2500	857.7500
135	859.2500	863.7500
136	865.2500	869.7500
137	871.2500	875.7500
138	877.2500	881.7500
139	883.2500	887.7500
140	889.2500	893.7500
141	895.2500	899.7500

142	901.2500	905.7500
143	907.2500	911.7500
144	913.2500	917.7500
145	919.2500	923.7500
146	925.2500	929.7500
147	931.2500	935.7500
148	937.2500	941.7500
149	943.2500	947.7500
150	949.2500	953.7500
151	955.2500	959.7500
152	961.2500	965.7500
153	967.2500	971.7500
154	973.2500	977.7500
155	979.2500	983.7500
156	985.2500	989.7500
157	991.2500	995.7500
158	997.2500	1001.7500

**Frequencies Used by Wireless Cable**

Frequency Range	Number of Channels	Type of Service	Channel Groups	Channel Bandwidth (MHz)
2,150 - 2,162 MHz	2	MDS	1,2,2(A)	6
2,305 - 2,320 MHz	2	WCS		5 & 10
2,345 - 2,360 MHz	2	WCS		5 & 10
2,500 - 2,596 MHz	16	ITFS	ABC&D	6
2,596 - 2,644 MHz	8	MMDS	E&F	6
2,644 - 2,686 MHz	4	ITFS	G	6
2,644 - 2,686 MHz	3	MMDS	H	6
2,686 - 2,689.875 MHz	31*	MMDS	Response Channels	0.125

\* Each channel's bandwidth is 125 KHz, and does not carry video.

**NTSC CONTOURS**

Channels	Grade B Service Contour	Grade A Service Contour	City Grade Service Contour
Channels 2 through 6	47 dBu	68 dBu	74 dBu
Channels 7 through 13	56 dBu	71 dBu	77 dBu
Channels 14 through 69	64 dBu	74 dBu	80 dBu

DIGITAL TV CONTOURS			
Channels	Grade B Service Contour	Grade A Service Contour	City Grade Service Contour
Channels 2 through 6	- dBu	- dBu	35 dBu
Channels 7 through 13	- dBu	- dBu	43 dBu
Channels 14 through 69	- dBu	- dBu	48 dBu

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