

RF Channel Frequencies

The visual carrier frequency (channels T7-116) is shown in this chart, in MHz. For the aural carrier frequency, add 4.5 MHz to the visual carrier. The lower edge of the channel is 1.25 MHz below the visual carrier and the upper edge is 4.75 MHz above the visual carrier. Channels above 116 can be calculated as $CATV = (6 * (8 + channel)) + 1.25$, $HRC = 6.0003 * (8 + channel)$.

Channel	CATV/IRC	HRC	FCC	Chan	CATV	HRC	FCC	Chan	CATV	HRC	FCC	Chan	CATV	HRC	FCC
T Band					High			47	361.25	360.0180	669.25	79	553.25	552.0276	861.25
<i>iCC-Net</i>	5.6 (In)			7	175.25	174.0087	175.25	48	367.25	366.0183	675.25	80	559.25	558.0279	867.25
T 7	7.00			8	181.25	180.0090	181.25	49	373.25	372.0186	681.25	81	565.25	564.0282	873.25
T 8	13.00			9	187.25	186.0093	187.25	50	379.25	378.0189	687.25	82	571.25	570.0285	879.25
T 9	19.00			10	193.25	192.0096	193.25	51	385.25	384.0192	693.25	83	577.25	576.0288	885.25
T 10	25.00			11	199.25	198.0099	199.25	52	391.25	390.0195	699.25	84	583.25	582.0291	
T 11	31.00			12	205.25	204.0102	205.25	53	397.25	396.0198	705.25	85	589.25	588.0294	
T 12	37.00			13	211.25	210.0105	211.25	54	403.25	402.0201	711.25	86	595.25	594.0297	
T 13	43.00				Super			55	409.25	408.0204	717.25	87	601.25	600.0300	
T14	49.00			23	217.25	216.0108	525.25	56	415.25	414.0207	723.25	88	607.25	606.0303	
Low				24	223.25	222.0111	531.25	57	421.25	420.0210	729.25	89	613.25	612.0306	
2	55.25	54.0027	55.25	25	229.25	228.0114	537.25	58	427.25	426.0213	735.25	90	619.25	618.0309	
3	61.25	60.0030	61.25	26	235.25	234.0117	543.25	59	433.25	432.0216	741.25	91	625.25	624.0312	
4	67.25	66.0033	67.25	27	241.25	240.0120	549.25	60	439.25	438.0219	747.25	92	631.25	630.0315	
<i>iCC-Net</i>	74.7 (Out)*	72.0036*		28	247.25	246.0123	555.25	61	445.25	444.0222	753.25	93	637.25	636.0318	
5	77.25/79.25	78.0039		29	253.25	252.0126	561.25	62	451.25	450.0225	759.25	94	643.25	642.0321	
6	83.25/85.25	84.0042		30	259.25	258.0129	567.25	Hyper				100	649.25	648.0324	
FM				31	265.25	264.0132	573.25	63	457.25	456.0228	765.25	101	655.25	654.0327	
95	91.25	90.0045	91.25	32	271.25	270.0135	579.25	64	463.25	462.0231	771.25	102	661.25	660.0330	
96	97.25	96.0048	97.25	33	277.25	276.0138	585.25	65	469.25	468.0234	777.25	103	667.25	666.0333	
97	103.25	102.0051	103.25	34	283.25	282.0141	591.25	66	475.25	474.0237	783.25	104	673.25	672.0336	
Mid				35	289.25	288.0144	597.25	67	481.25	480.0240	789.25	105	679.25	678.0339	
98	109.25	108.0054	109.25	36	295.25	294.0147	603.25	68	487.25	486.0243	795.25	106	685.25	684.0342	
99	115.25	114.0057	115.25	37	301.25	300.015	609.25	69	493.25	492.0246	801.25	107	691.25	690.0345	
14	121.25	120.0060	471.25	38	307.25	306.0153	615.25	70	499.25	498.0249	807.25	108	697.25	696.0348	
15	127.25	126.0063	477.25	39	313.25	312.0156	621.25	71	505.25	504.0252	813.25	109	703.25	702.0351	
16	133.25	132.0066	483.25	40	319.25	318.0159	627.25	72	511.25	510.0255	819.25	110	709.25	708.0354	
17	139.25	138.0069	489.25	41	325.25	324.0162	633.25	73	517.25	516.0258	825.25	111	715.25	714.0357	
18	145.25	144.0072	495.25	42	331.25	330.0165	639.25	74	523.25	522.0261	831.25	112	721.25	720.0360	
19	151.25	150.0075	501.25	43	337.25	336.0168	645.25	75	529.25	528.0264	837.25	113	727.25	726.0363	
20	157.25	156.0078	507.25	44	343.25	342.0171	651.25	76	535.25	534.0267	843.25	114	733.25	732.0366	
21	163.25	162.0081	513.25	45	349.25	348.0174	657.25	77	541.25	540.0270	849.25	115	739.25	738.0369	
22	169.25	168.0084	519.25	46	355.25	354.0177	663.25	78	547.25	546.0273	855.25	116	745.25	744.0372	

Frequencies —The visual carrier frequency (channels T7-116) is shown in this chart, in MHz. For the aural carrier frequency, add 4.5 MHz to the visual carrier. The lower edge of the channel is 1.25 MHz below the visual carrier and the upper edge is 4.75 MHz above the visual carrier.

CATV/IRC — IRC spacing is the same as standard CATV frequencies, except for Channels 5 and 6.

HRC/IRC — About 10% of CATV systems use these alternate frequency plans, created to reduce "beat" interference.

FCC — U.S. Broadcast VHF/UHF

***Channel 1** — IRC/HRC spacing created a Channel 1 between 4 and 5, the rarely used channel must be shifted to different frequency