

# PAL B/G FREQUENCY CHART

## STANDARD B + G (INDIA & GERMANY)

REVERSE	FORWARD
5 - 30 MHz	47 - 860 MHz
5 - 42 MHz	54 - 860 MHz
5 - 50 MHz	70 - 860 MHz Not used in India, Completely Kills Band I (Part Of Prime Band).
5 - 65 MHz	85 - 860 MHz Not used in India, Completely Kills Band I & II (FM Radio & Part Of Prime Band).

SUPERBAND			
CHANNEL	BANDWIDTH	VIDEO	SOUND
S11	230-237	231.25	236.75
S12	237-244	238.25	243.75
S13	244-251	245.25	250.75
S14	251-258	252.25	257.75
S15	258-265	259.25	264.75
S16	265-272	266.25	271.75
S17	272-279	273.25	278.75
S18	279-286	280.25	285.75
S19	286-293	287.25	292.75
S20	293-300	294.25	299.75

BAND I			
CHANNEL	BANDWIDTH	VIDEO	SOUND
2	47-54	48.25	53.75
3	54-61	55.25	60.75
4	61-68	62.25	67.75
X	68-75	69.25	74.75
Y	75-82	76.25	81.75
Z	82-89	83.25	88.75
Z+1	89-96	90.25	95.75
Z+2	96-103	97.25	102.75
FM Radio		88 to 108 MHz	

EXT. SUPERBAND			
CHANNEL	BANDWIDTH	VIDEO	SOUND
S21	302-310	303.25	308.75
S22	310-318	311.25	316.75
S23	318-326	319.25	324.75
S24	326-334	327.25	332.75
S25	334-342	335.25	340.75
S26	342-350	343.25	348.75
S27	350-358	351.25	356.75
S28	358-366	359.25	364.75
S29	366-374	367.25	372.75
S30	374-382	375.25	380.75
S31	382-390	383.25	388.75
S32	390-398	391.25	396.75
S33	398-406	399.25	404.75
S34	406-414	407.25	412.75
S35	414-422	415.25	420.75
S36	422-430	423.25	428.75
S37	430-438	431.25	436.75
S38	438-446	439.25	444.75

MIDBAND			
CHANNEL	BANDWIDTH	VIDEO	SOUND
S2	111-118	112.25	117.75
S3	118-125	119.25	124.75
S4	125-132	126.25	131.75
S5	132-139	133.25	138.75
S6	139-146	140.25	145.75
S7	146-153	147.25	152.75
S8	153-160	154.25	159.75
S9	160-167	161.25	166.75
S10	167-174	168.25	173.75

BAND IV			
CHANNEL	BANDWIDTH	VIDEO	SOUND
21	470-478	471.25	476.75
22	478-486	479.25	484.75
23	486-494	487.25	492.75
24	494-502	495.25	500.75
25	502-510	503.25	508.75
26	510-518	511.25	516.75
27	518-526	519.25	524.75
28	526-534	527.25	532.75
29	534-542	535.25	540.75
30	542-550	543.25	548.75
31	550-558	551.25	556.75
32	558-566	559.25	564.75
33	566-574	567.25	572.75
34	574-582	575.25	580.75
35	582-590	583.25	588.75
36	590-598	591.25	596.75
37	598-606	599.25	604.75

BAND III			
CHANNEL	BANDWIDTH	VIDEO	SOUND
5	174-181	175.25	180.75
6	181-188	182.25	187.75
7	188-195	189.25	194.75
8	195-202	196.25	201.75
9	202-209	203.25	208.75
10	209-216	210.25	215.75
11	216-223	217.25	222.75
12	223-230	224.25	229.75

**BAND V**

CHANNEL	BANDWIDTH	VIDEO	SOUND	CHANNEL	BANDWIDTH	VIDEO	SOUND
38	606-614	607.25	612.75	54	734-742	735.25	740.75
39	614-622	615.25	620.75	55	742-750	743.25	748.75
40	622-630	623.25	628.75	56	750-758	751.25	756.75
41	630-638	631.25	636.75	57	758-766	759.25	764.75
42	638-646	639.25	644.75	58	766-774	767.25	772.75
43	646-654	647.25	652.75	59	774-782	775.25	780.75
44	654-662	655.25	660.75	60	782-790	783.25	788.75
45	662-670	663.25	668.75	61	790-798	791.25	796.75
46	670-678	671.25	676.75	62	798-806	799.25	804.75
47	678-686	679.25	684.75	63	806-814	807.25	812.75
48	686-694	687.25	692.75	64	814-822	815.25	820.75
49	694-702	695.25	700.75	65	822-830	823.25	828.75
50	702-710	703.25	708.75	66	830-838	831.25	836.75
51	710-718	711.25	716.75	67	838-846	839.25	844.75
52	718-726	719.25	724.75	68	846-854	847.25	852.75
53	726-734	727.25	732.75	69	854-862	855.25	860.75

**TV Systems: A Comparison TV Picture Format/Colour System Combinations**

Name	The Main Video Signal Standards		
	Frame/Field rate TV standard	Aspect Ratio Colour System	Scan Lines Subcarrier Freq
<b>NTSC</b>	29.97/59.94	4:3	525
	EIA	NTSC	3.58MHz
<b>PAL-M</b>	29.97/59.94	4:3	525
	EIA	PAL	3.58MHz
<b>SECAM-M</b>	29.97/59.94	4:3	525
	EIA	SECAM	?.??MHz
<b>PAL</b>	25/50	4:3	625
	CCIR	PAL	4.43MHz
<b>SECAM</b>	25/50	4:3	625
	CCIR	SECAM	4.25/4.40MHz
<b>D-MAC</b>	25/50	4:3 or 16:9	625
	D-MAC	D-MAC	N/A
<b>PALplus</b>	25/50	16:9	625
	CCIR	PAL	4.43MHz
<b>HiVision</b>	60/120	16:9	1125
	HiVision	MUSE	Unknown