

INITEL TELECOMMUNICATIONS

TV Broadcasting System

System	A	B	C	D	G	H
Number of Lines	405	625	625	625	625	625
Channel Width(MHz)	5	7	7	8	8	8
Vision/Sound Separation (MHz)	+3.5	+5.5	+5.5	+6.5	+5.5	+5.5
Vision Bandwidth (MHz)	3	5	5	5	5	5
Vision Side-Band (MHz)	0.75	0.75	0.75	0.75	0.75	0.75
Vision Modulation	Pos.	Neg.	Neg.	Neg.	Neg.	Neg.
Vision Modulation	AM	FM	AM	FM	FM	FM

System	I	K	K1	L	M	N
Number of Lines	625	625	625	625	525	625
Channel Width(MHz)	8	8	8	8	6	6
Vision/Sound Separation (MHz)	+6	+6.5	+6.5	+6.5	+4.5	+4.5
Vision Bandwidth (MHz)	5.5	6	6	6	4.2	4.2
Vision Side-Band (MHz)	1.25	0.75	1.25	1.25	0.75	0.75
Vision Modulation	Neg.	Neg.	Neg.	Pos.	Neg.	Neg.
Vision Modulation	FM	FM	FM	AM	FM	FM

World Broadcasting System

Country	Nominal Voltage	Broadcasting System		
		System	VHF	UHF
Afghanistan	220/380	PAL	B	
Albania		PAL	B	G
Algeria	127/220	PAL	B	G
Alaska		NTSC	M	
Angola	220/380	PAL	I	
Antigua & Barbuda	230/400	NTSC	M	
Argentina	220/380	PAL	N	N
Aruba	115/230	NTSC	M	
Australia	240/415	PAL	B	H
Austria	220/380	PAL	B	G
Azores	220/380	PAL	B	
Bahamas	120/240	NTSC	M	
Bahrain	230/400	PAL	B	
Bangladesh	220/380	PAL	B	
Barbados	115/230	NTSC	M	
Belgium	220/380	PAL	B	H
Benin	220/380	SECAM	K	
Bermuda	120/208	NTSC	M	
Bolivia	220/380	NTSC	N	

Brazil	127/220	PAL	M	M
Brunei Darussalam		PAL	B	
Bulgaria	220/380	SECAM	D	K
Burma	230/400	NTSC	M	
Burkina Faso	220/380	SECAM	K	
Burundi	220/380	SECAM	K	
Cambodia	120/208	NTSC	M	
Cameroon	220/380	PAL	B	
Canada	120/240	NTSC	M	M
Canary Islands	127/220	PAL	B	G
Chile	220/380	NTSC	M	
China	220/380	PAL	D	D
Colombia	110/220	NTSC	M	M
Congo	220/380	SECAM	D	
Costa Rica	120/340	NTSC	M	M
Cuba		NTSC	M	M
Cyprus	240/415	PAL	B	G
Czechoslovakia	220/380	SECAM	D	K

Country	Nominal Voltage	Broadcasting System		
		System	VHF	UHF
Denmark	220/380	PAL	B	G
Djibouti	220/380	SECAM	K	
Dominican Republic	110/220	NTSC	M	M
Ecuador	120/208	NTSC	M	
Egypt	220/380	SECAM	B	
El Salvador	115/230	NTSC	M	M
Equador	220	NTSC	M	M
Ethiopia	220/380	PAL	B	G
Finland	220/380	PAL	B	G
France	127/220	SECAM	L	L
Gambia	220/380	SECAM	K	
Germany	220/380	PAL	B	G
Ghana	220/400	PAL	B	
Greece	220/380	SECAM	B	G
Greenland	220/380	NTSC	M	
Guam	110/220	NTSC	M	M
Guatemala	120/240	NTSC	M	M
Guyana	110/220	SECAM	K1	K1
Guinea	220/380	SECAM	K	
Haiti	110/220	NTSC	M	
Hawaii		NTSC	M	
Honduras	110/220	NTSC	M	
Hong Kong	220	PAL		I
Hungary	220/380	SECAM	D	K
Iceland	220/380	PAL	B	G
India	230/400	PAL	B	
Indonesia	127/220	PAL	B	G
Iran	220/380	SECAM	B	G
Iraq	220/380	SECAM	B	
Ireland	220/380	PAL	A/I	I

Israel	230/400	PAL	B	G
Italy	127/220	PAL	B	G
Japan	100/200	NTSC	M	M
Jamaica	110/220	NTSC	M	
Johnston Island		NTSC	M	
Jordan	220/380	PAL	B	G
Korea (Dem, People's Rep.of)	100/200	PAL	D	

Country	Nominal Voltage	Broadcasting System		
		System	VHF	UHF
Korea (Rep.of)	100/200	NTSC	M	M
Kuwait	240/415	PAL	B	G
Laos	220/380	PAL	M	
Lebanon	220/380	SECAM	B	
Lesotho	220/380	PAL	I	
Liberia	120/240	PAL	B	
Luxembourg	120/208	PAL/SECAM	B	G/L
Macao	220/380	PAL	B	
Madagascar	220/380	SECAM	K1	K1
Malta	240/415	PAL	B	H
Malaysia	240/415	PAL	B	G
Mali	220/380	SECAM	K1	
Mariana Islands		NTSC	M	
Mauritius	230/400	SECAM	B	
Mauritania	220	SECAM	B	
Mexico	127/220	NTSC	M	
Micronesia		NTSC	M	
Midway Islands		NTSC	M	
Maldives		PAL	B	
Monaco	127/220	PAL/SECAM	/L	G/L
Mongolia		SECAM	D	
Morocco	127/220	SECAM	B	
Mozambique	220/380	PAL	B	
Netherlands	220/380	PAL	B	G
New Zealand	230/400	PAL	B	
Nepal	220/440	PAL	B	
Nicaragua	120/240	NTSC	M	
Niger	220/380	SECAM	K	
Nigeria	230/415	PAL	B	G
Norway	230	PAL	B	G
Oman	240/415	PAL	B	G
Paraguay	220/380	PAL	N	
Pakistan	230/400	PAL	B	
Panama	110/220	NTSC	M	
Philippines	110/220	NTSC	M	M
Polynesia		SECAM	K1	
Poland	220/380	SECAM	D	K

Country	Nominal Voltage	Broadcasting System		
		System	VHF	UHF
Portugal	220/380	PAL	B	G
Puerto Rico	120/240	NTSC	M	M
Romania	220/380	PAL	D	K
Saint Lucia	240/416	NTSC	M	
Samoa		NTSC	M	
Saudi Arabia	127/220	SECAM	B	G
San Marino		PAL	B	G
Senegal	127/220	SECAM	K	
Seychelles	240	PAL	B	
Sierra Leone	230/400	PAL	B	G
Singapore	230/400	PAL	B	G
South Africa	220/380	PAL	I	I
Spain	127/220	PAL	B	G
Sri Lanka	230/400	PAL	B	
Sudan	240/415	PAL	B	
Suriname	115/230	NTSC	M	
Swaziland	230/400	PAL	B	G
Sweden	220/380	PAL	B	G
Switzerland	220/380	PAL	B	G
Syria	220/380	SECAM	B	
Taiwan	110/220	NTSC	M	M
Tanzania	230/400	PAL	B	I
Thailand	220/380	PAL	B	
Togo	220/380	SECAM	K	
Trinidad & Tobago	115/230	NTSC	M	
Tunisia	220/380	SECAM	B	
Turkey	220/380	PAL	B	
Uganda	240/415	PAL	B	G
United Arab Emirates	240/415	PAL	B	G
United Kingdom	240/415	PAL		I
U.S.A	120/220	NTSC	M	M
U.S.S.R	220/380	SECAM	D	K
Venezuela	120/240	NTSC	M	
Vietnam	220/380	SECAM	N	
Yemen	230/400	PAL	B	
Yugoslavia	220/380	PAL	B	G
Zaire	220/380	SECAM	K1	