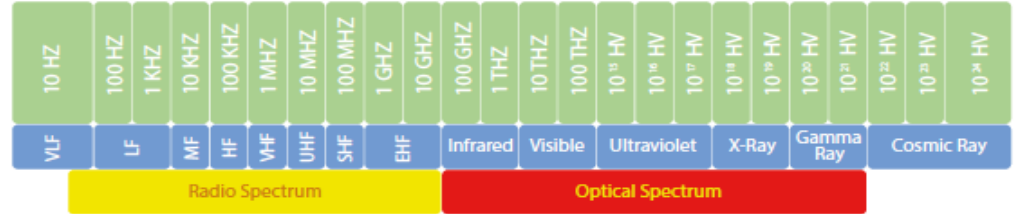




FREQUENCY VS. WAVELENGTH CHARTS



Red Orange Yellow Green Blue Violet

SN	Designation	Frequency	Wavelength
1	ELF (Extremely Low Frequency)	3 - 30 Hz	105 - 104 km
2	SLF (Super Low Frequency)	30 - 300 Hz	104 - 103 km
3	ULF (Ultra Low Frequency)	300 - 3000 Hz	103 - 100 km
4	VLF (Very Low Frequency)	3 - 30 kHz	100 - 10 km
5	LF (Low Frequency)	30 - 300 kHz	10 - 1 km
6	MF (Medium Frequency)	300 kHz - 3 MHz	1 km - 100 m
7	HF (High Frequency)	3 - 30 MHz	100 - 10 m
8	VHF (Very High Frequency)	30 - 300 MHz	10 - 1 m
9	UHF (Ultra High Frequency)	300 MHz - 3 GHz	1m - 10 cm
10	SHF (Super High Frequency)	3 - 30 GHz	10 - 1 cm
11	EHF (Extremely High Frequency)	30 - 300 GHz	1 cm - 1 mm
12	THF (Tremendously High Frequency)	300 GHz - 3 THz	1 mm - 0.1mm

