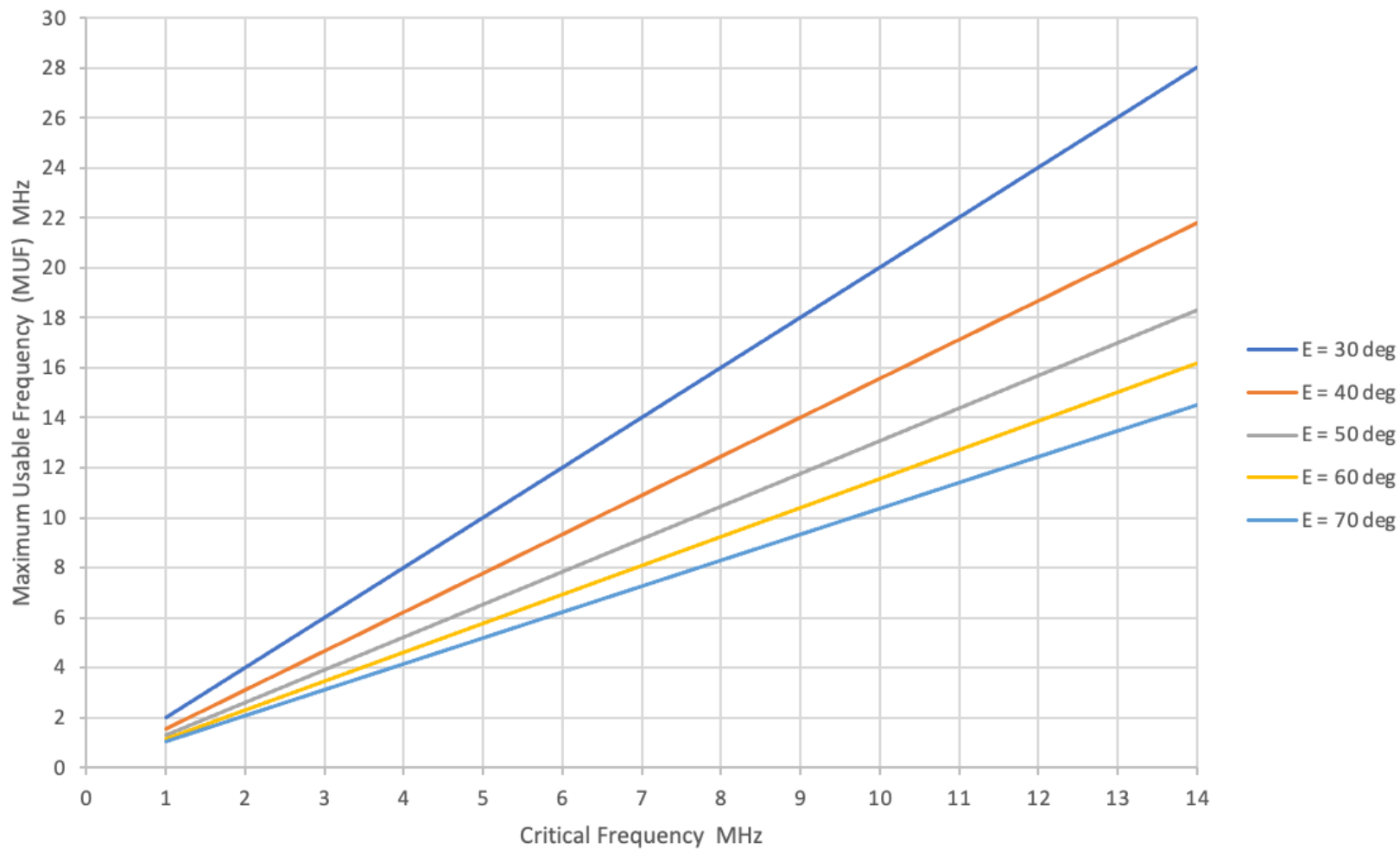
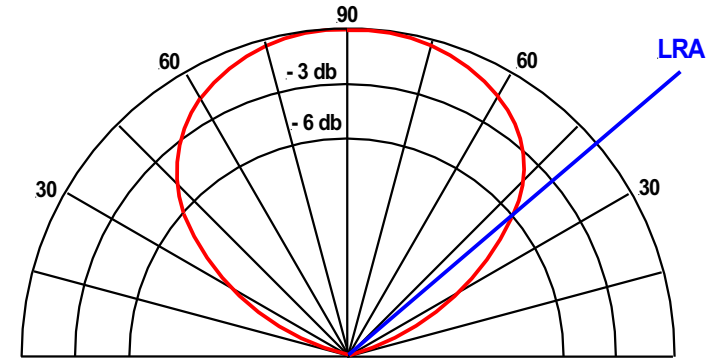
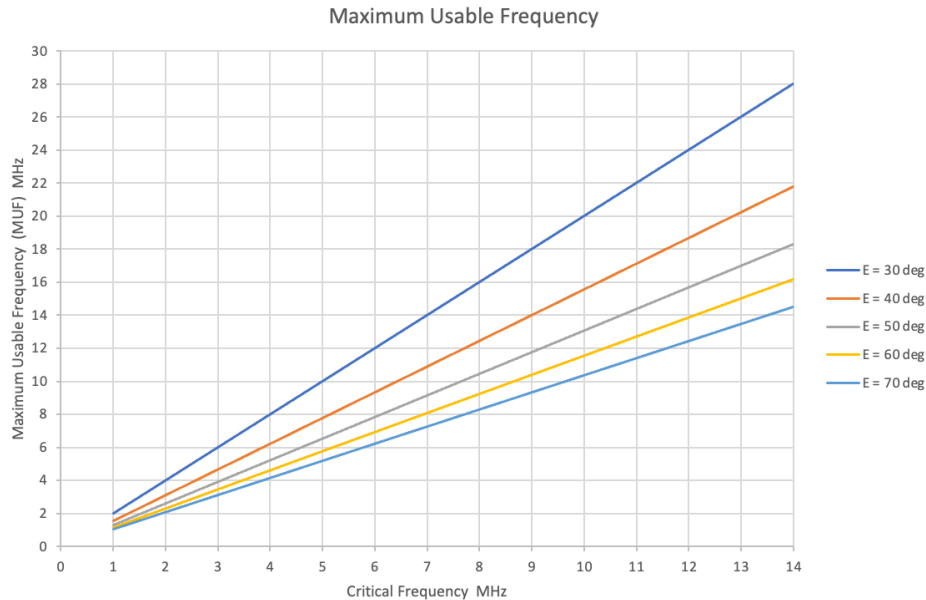


Maximum Usable Frequency



Maximum Usable Frequency



- Maximum Usable Frequency (MUF) is determined by combining the lowest radiation angle ($E = \text{LRA}$) of your antenna with the current critical frequency obtained by clicking on Critical Frequency under the Current Conditions tab of the www.skywave-radio.org web site
- For a given critical frequency read upward from the critical frequency axis to your estimated radiation angle E , then horizontally to the MUF axis. This is your current estimated maximum usable frequency
- Example, for a critical frequency of 8 MHz, and an elevation angle of 40° (red trace) the estimated $\text{MUF} = 12.5 \text{ MHz}$