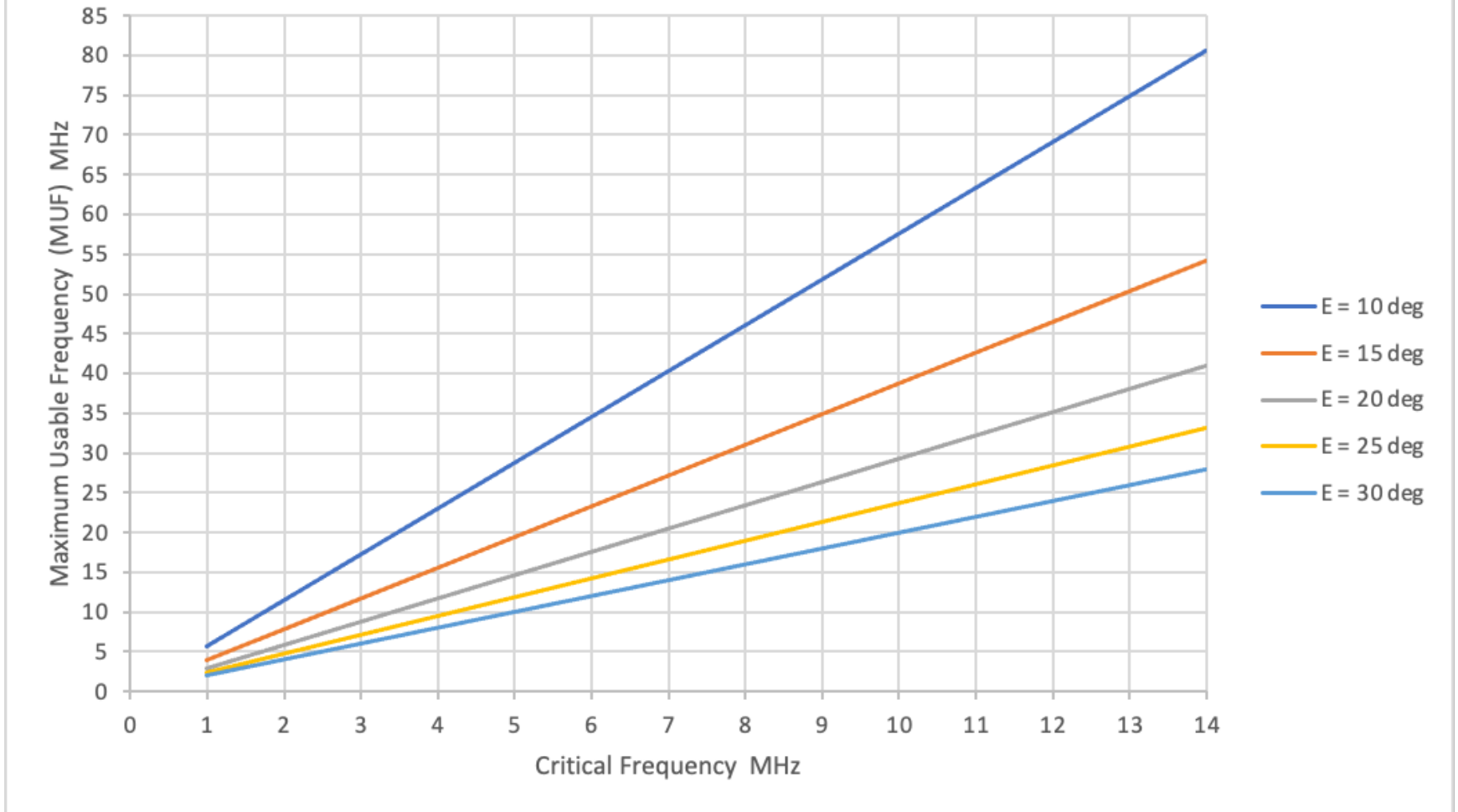
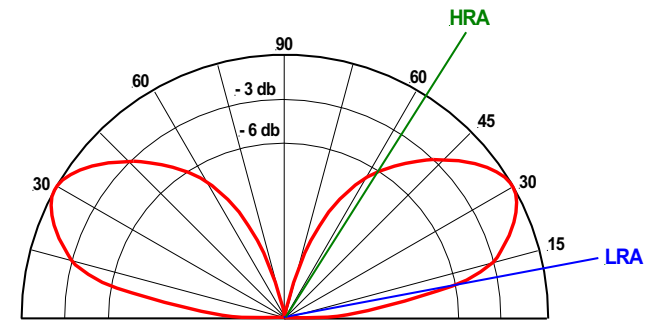
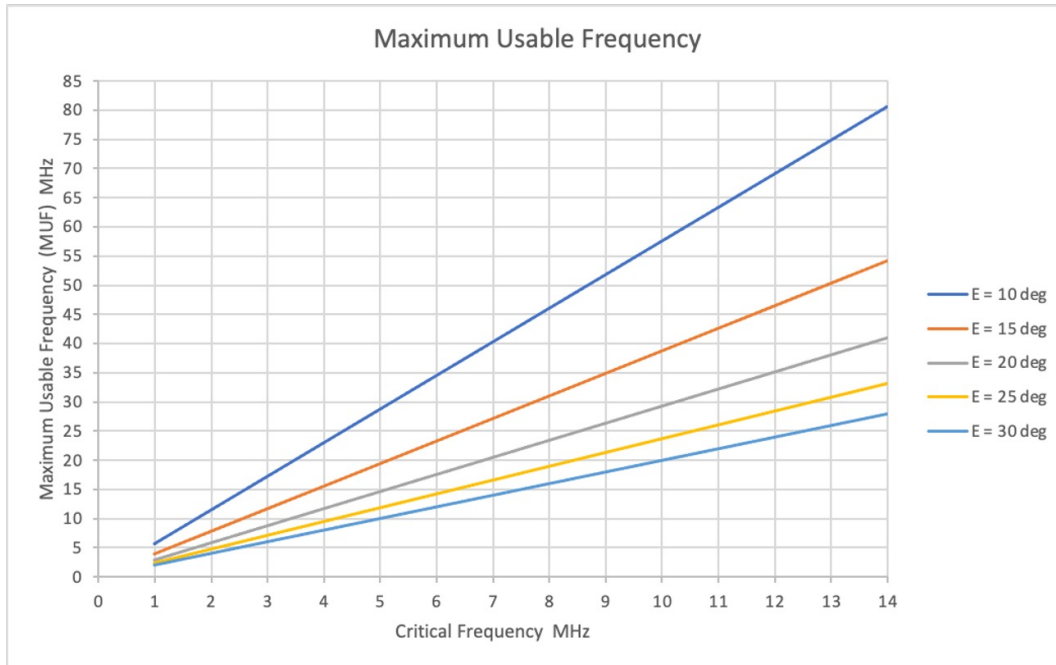


Maximum Usable Frequency



Maximum Usable Frequency



- Maximum Usable Frequency (MUF) is determined by combining the lowest radiation angle ($E = LRA$) 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 MUX axis. This is your current estimated maximum usable frequency
- Example, for a critical frequency of 8 MHz, and an elevation angle of 15° (red trace) the estimated $MUF = 30$ MHz