AudioMath

## Intermodulation Distortion

### CCIF style math

when close together fundamentals

**CCIF2** uses a single value

CCIF2 IMD =

**CCIF3** uses a different single value

CCIF3 IMD =

### SMPTE/DIN IMD (or MOD IMD)

When the fundamentals are far apart use SMPTE/DIN math

**MOD** IMD =

### Other IMD

Finally, the other IMD methods using RMS addition when 2<f2/f1<7

Other IMD = 2nd and 3rd order rms added