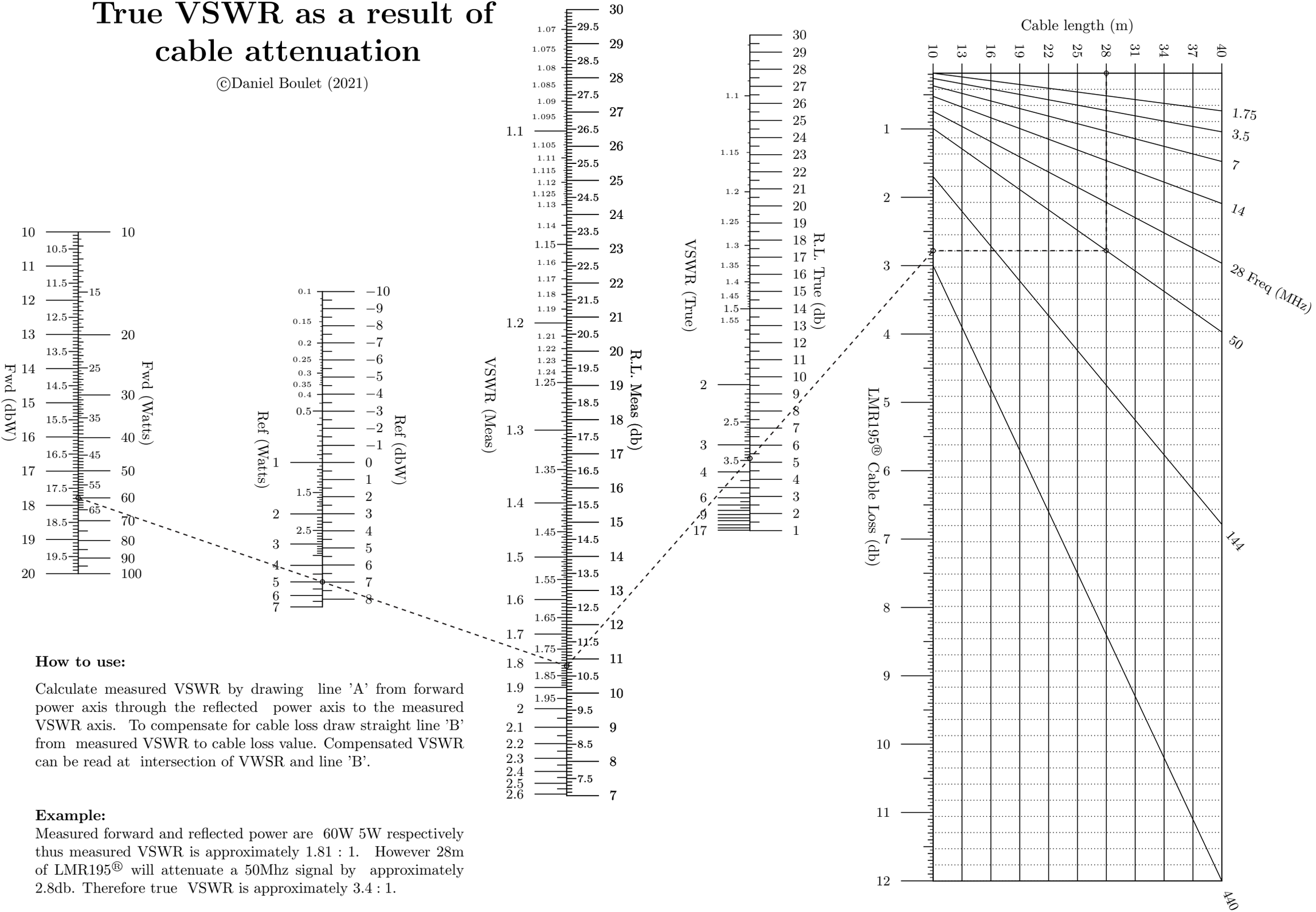
True VSWR as a result of cable attenuation



How to use:

Calculate measured VSWR by drawing line 'A' from forward power axis through the reflected power axis to the measured VSWR axis. To compensate for cable loss draw straight line 'B' from measured VSWR to cable loss value. Compensated VSWR can be read at intersection of VWSR and line 'B'.

Example:

Measured forward and reflected power are 60W 5W respectively thus measured VSWR is approximately 1.81 : 1. However 28m of LMR195® will attenuate a 50Mhz signal by approximately 2.8db. Therefore true VSWR is approximately 3.4 : 1.