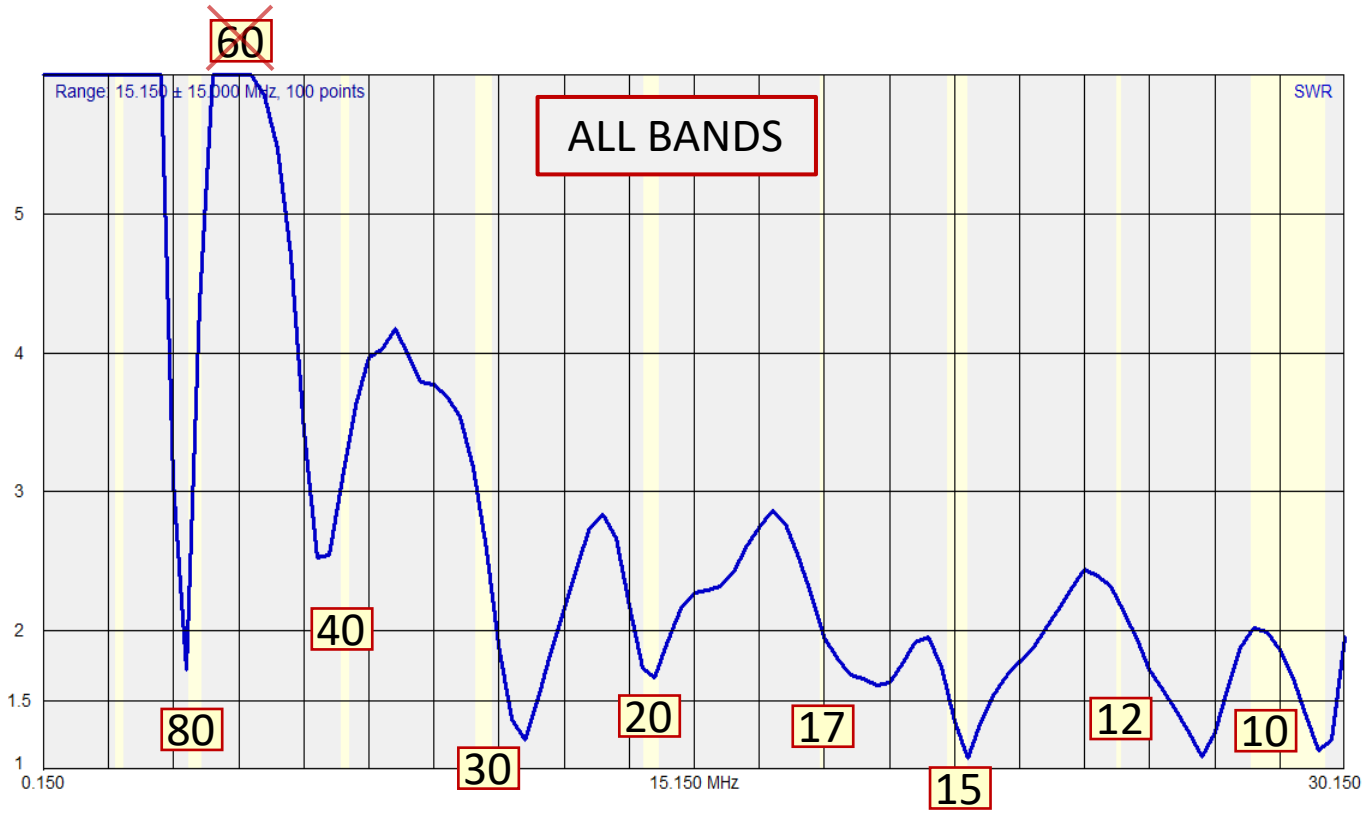
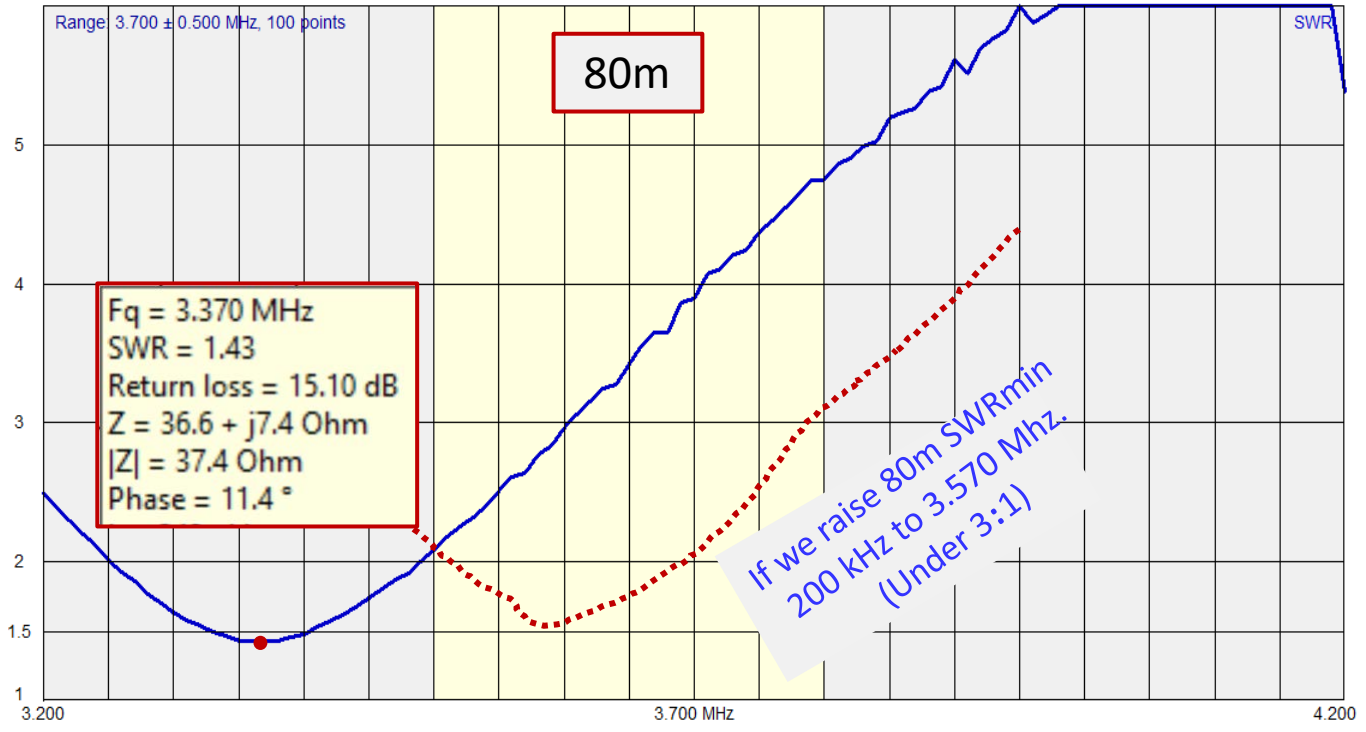
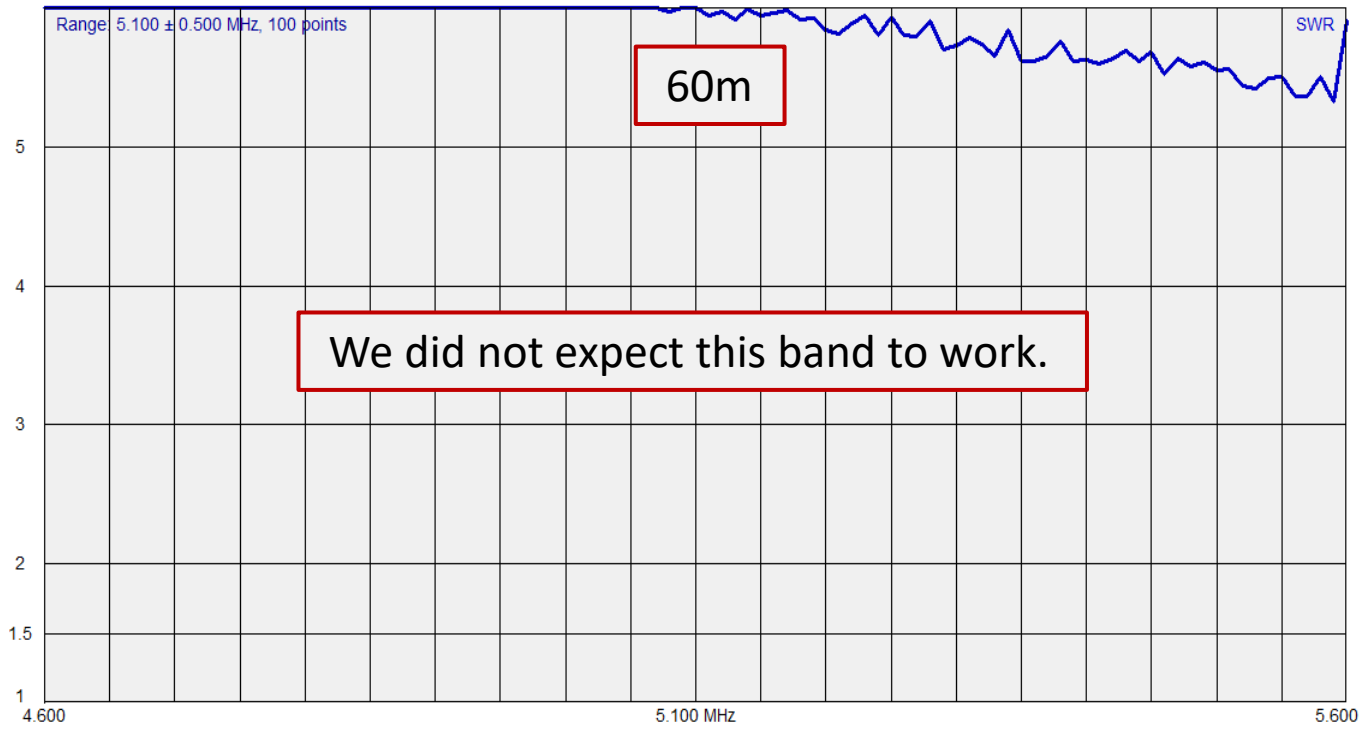
8030-DRX Ver. 1



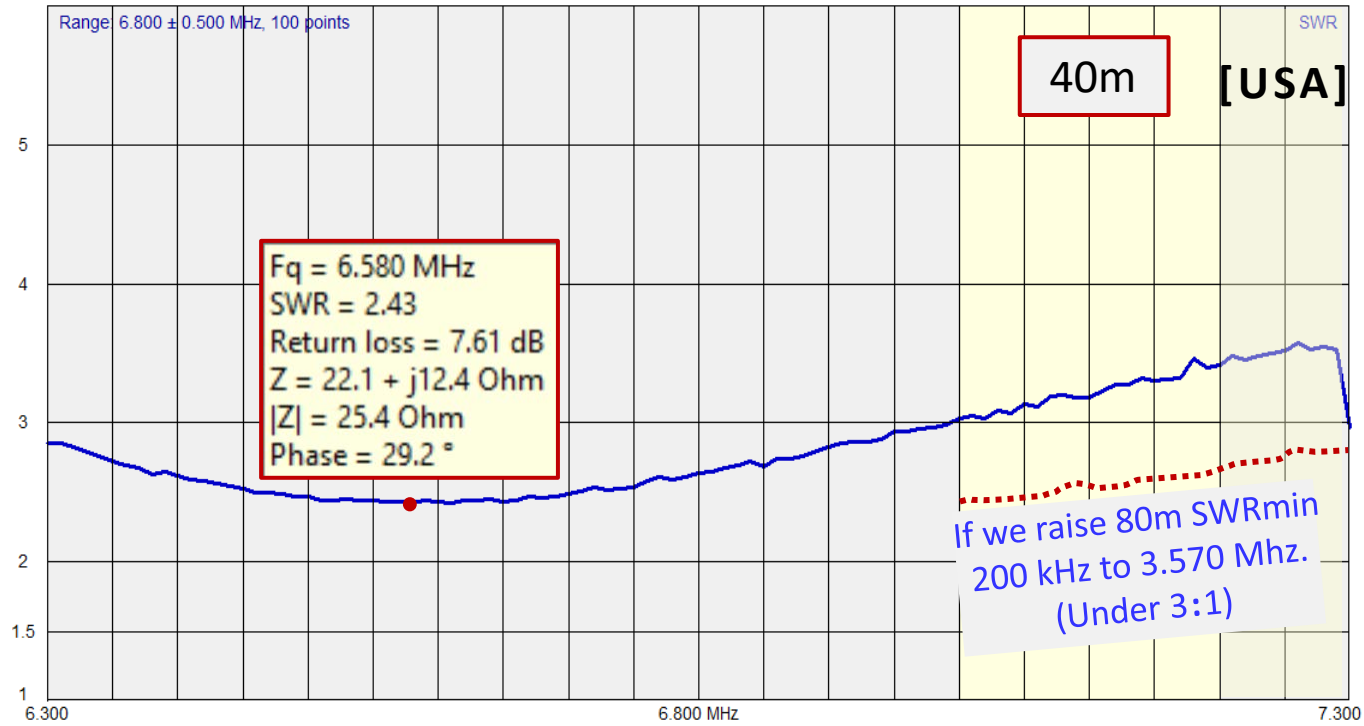
This band needs to be raised by ‘something’



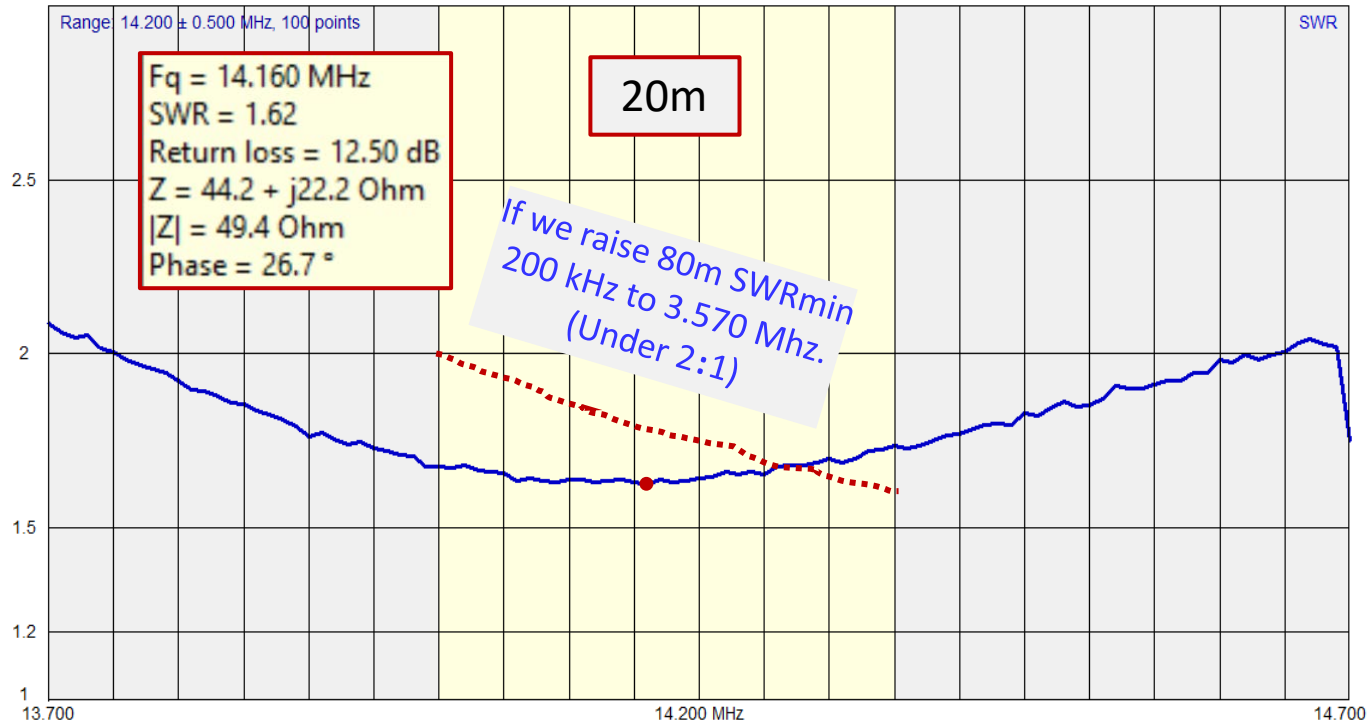
8030-DRX Ver. 1



40m is the BIG disappointment. It's SWRmin is 200 kHz too low, compared to the SWRmin on 80m; worse yet, the level of SWR has risen from 1.2:1 to 2.43:1 at SWRmin. Raising the curve up into the band would skew the upper bands too high.

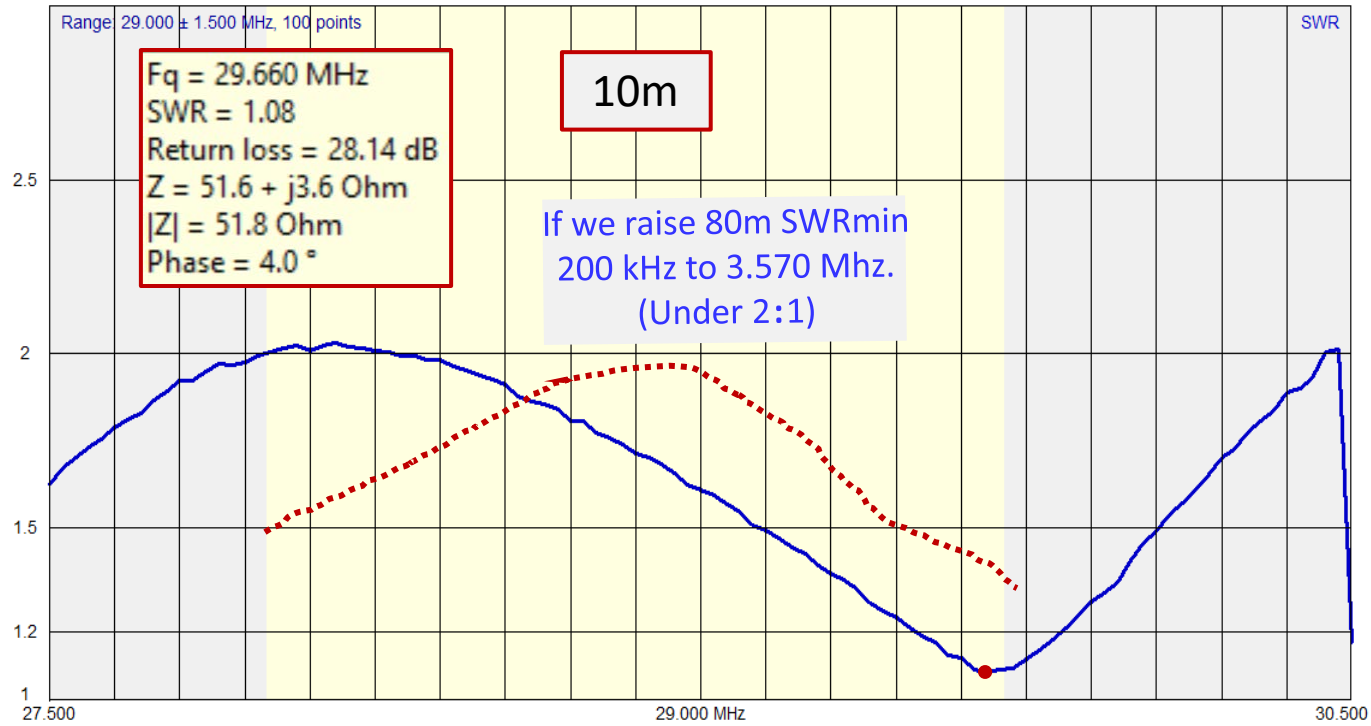


8030-DRX Ver. 1

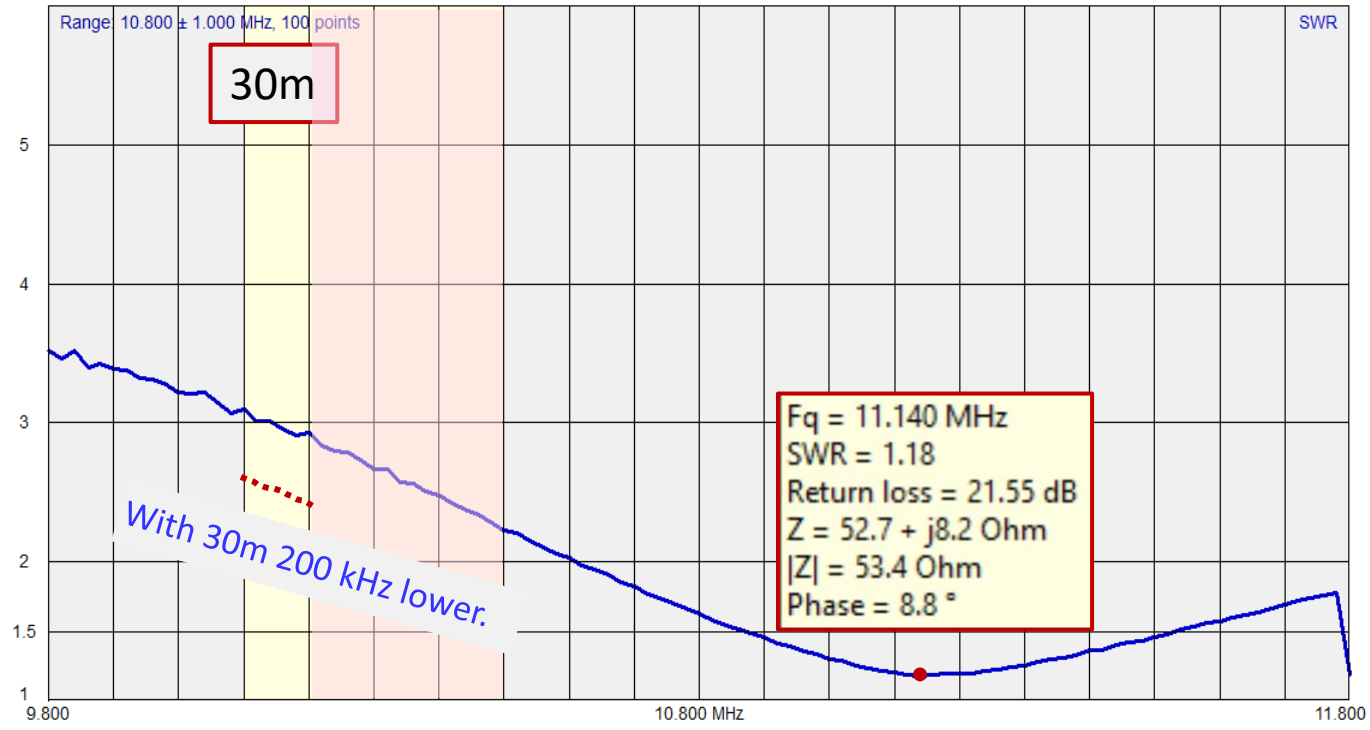


20m is very good "as is", though its SWR has risen from 1.02:1 to 1.16:1; **OK.**

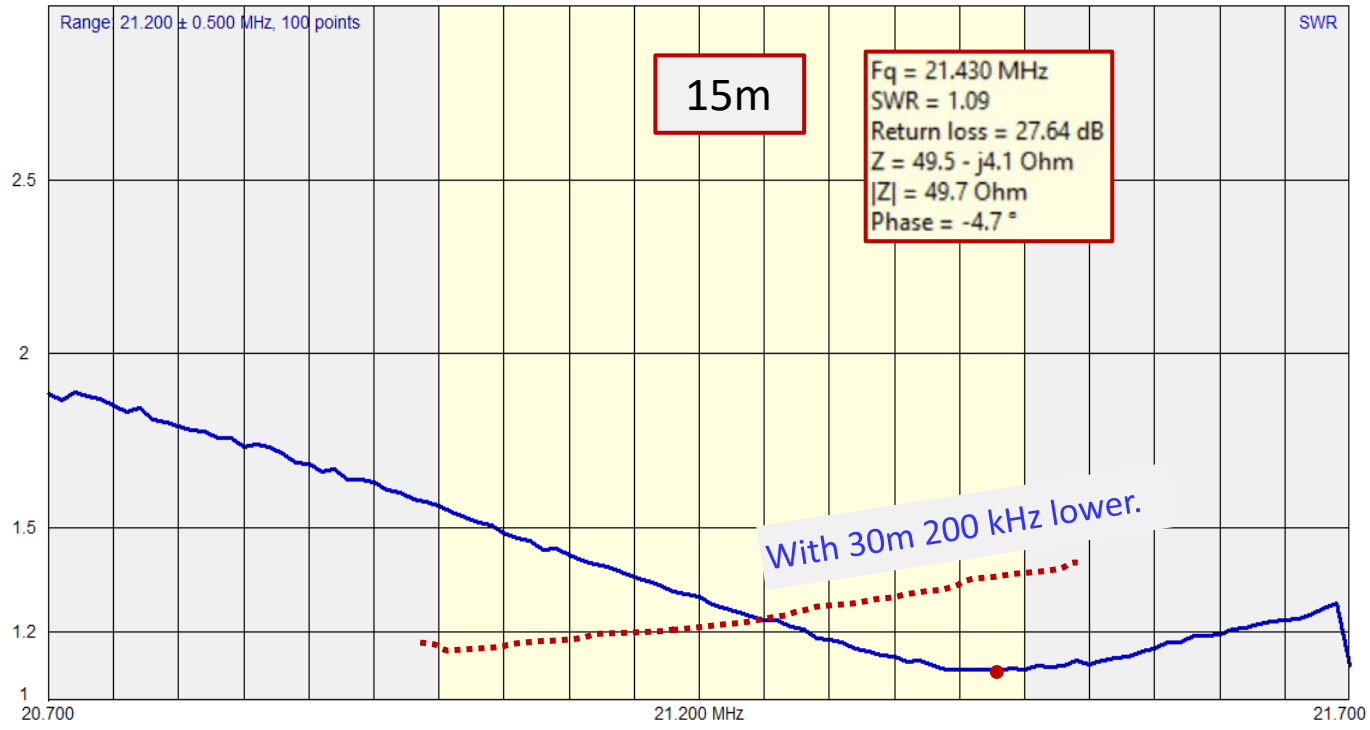
10m is skewed high in the band, but it is usable as is. Adjusting for 40m would actually improve SWR in the most used segment of this band.



8030-DRX Ver. 1



Lengthening R2 to drop 30m by 150 or 200 kHz will lower SWR on this band to be Less than 3:1, while maintaining less than 2:1 on 15m. **This has potential!**



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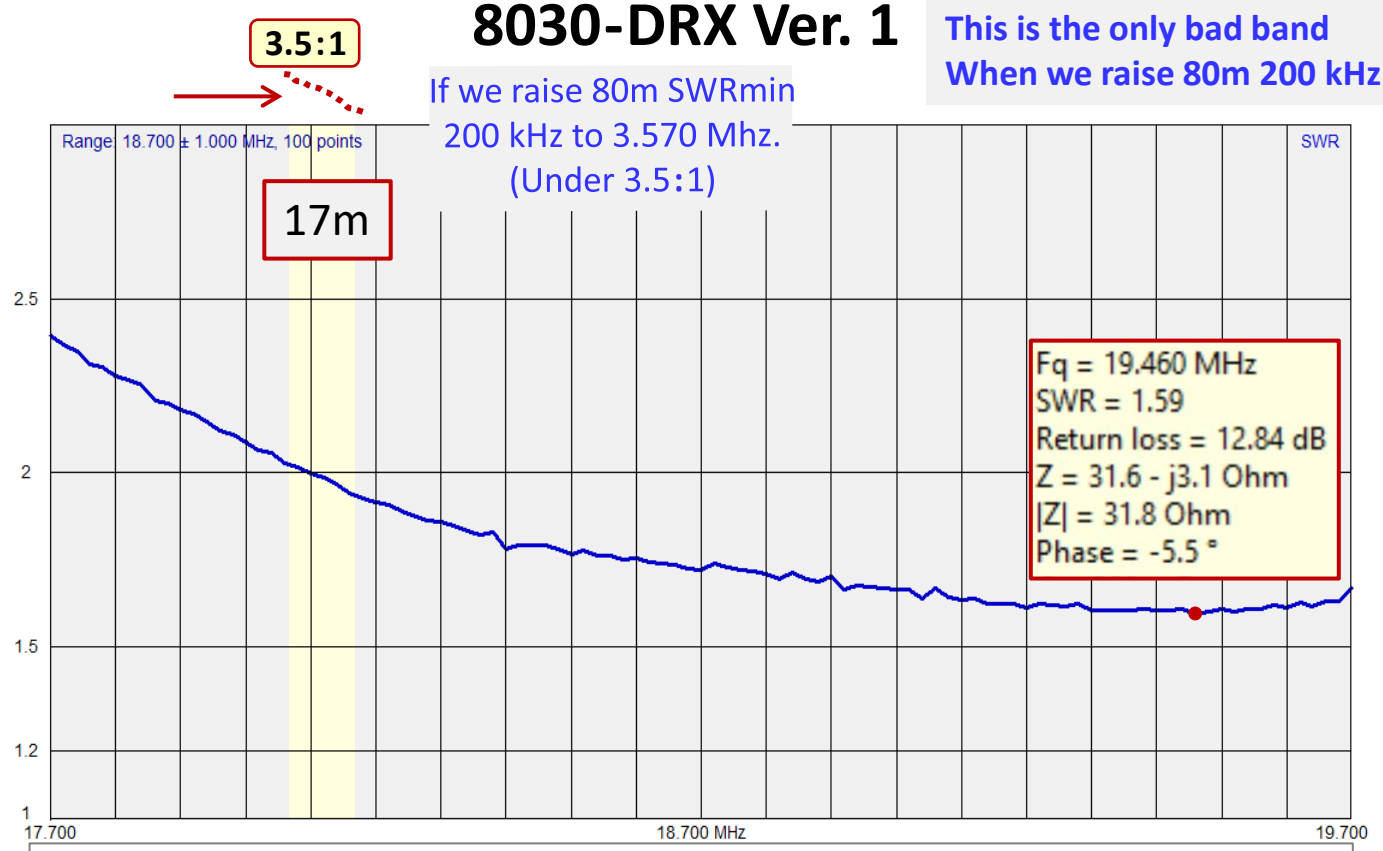
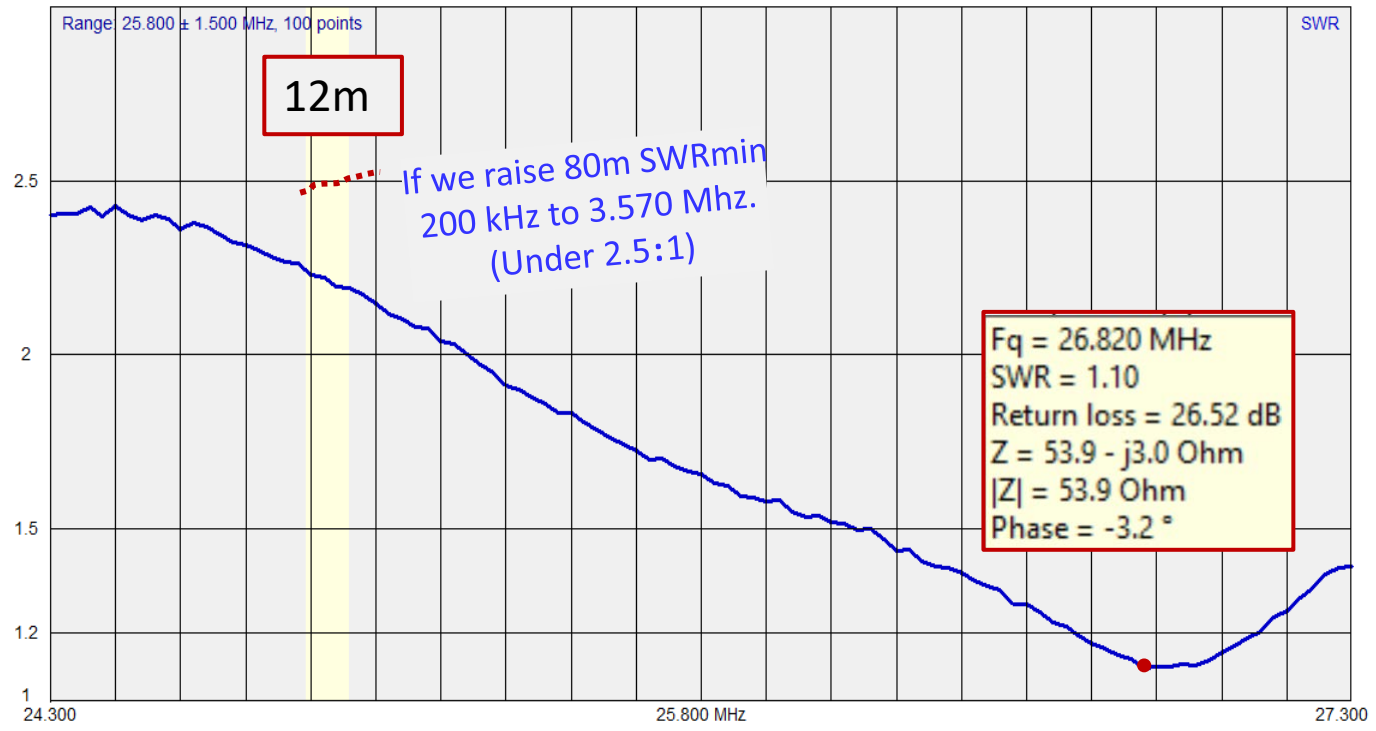
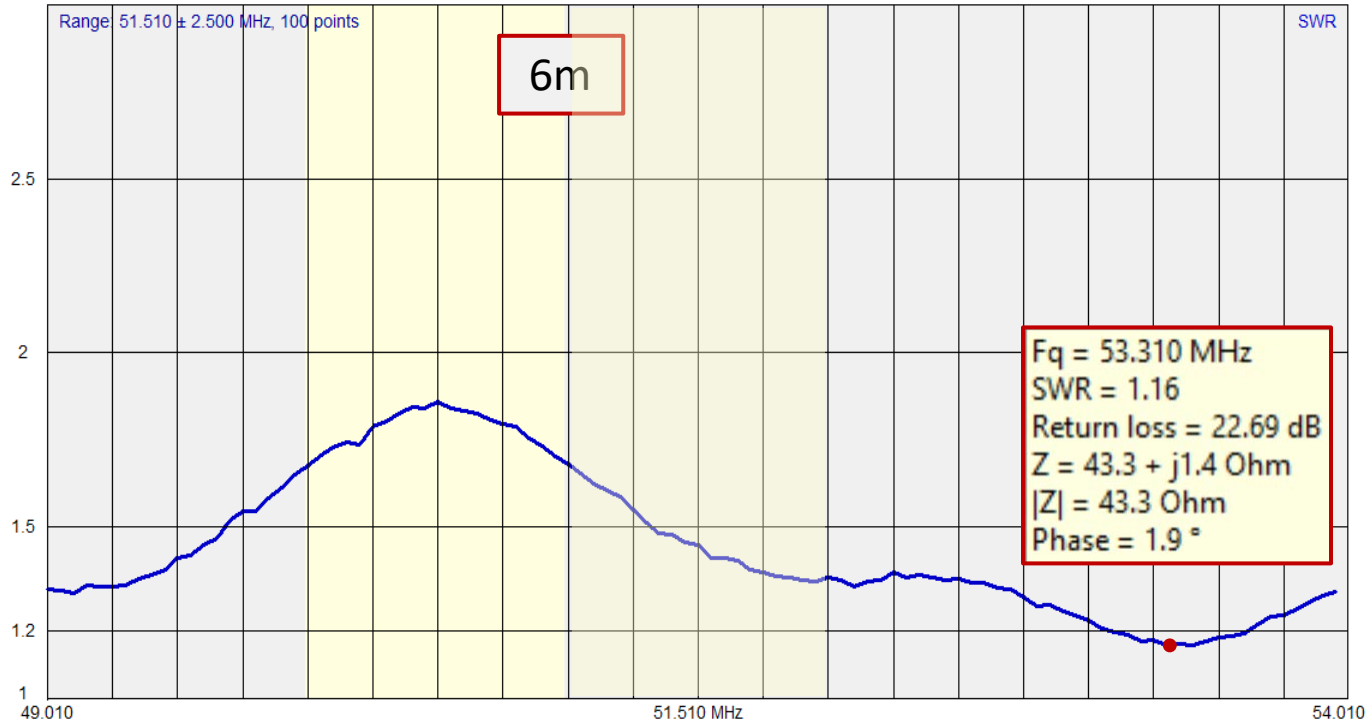
This is the only bad band
When we raise 80m 200 kHz



These bands' SWRmin is MUCH too high – but still quite usable (under 2.5:1)
However, adjusting the length to improve 40m would make them worse, but usable.



8030-DRX Ver. 1



Strange pattern, but from an SWR standpoint, this band is usable.