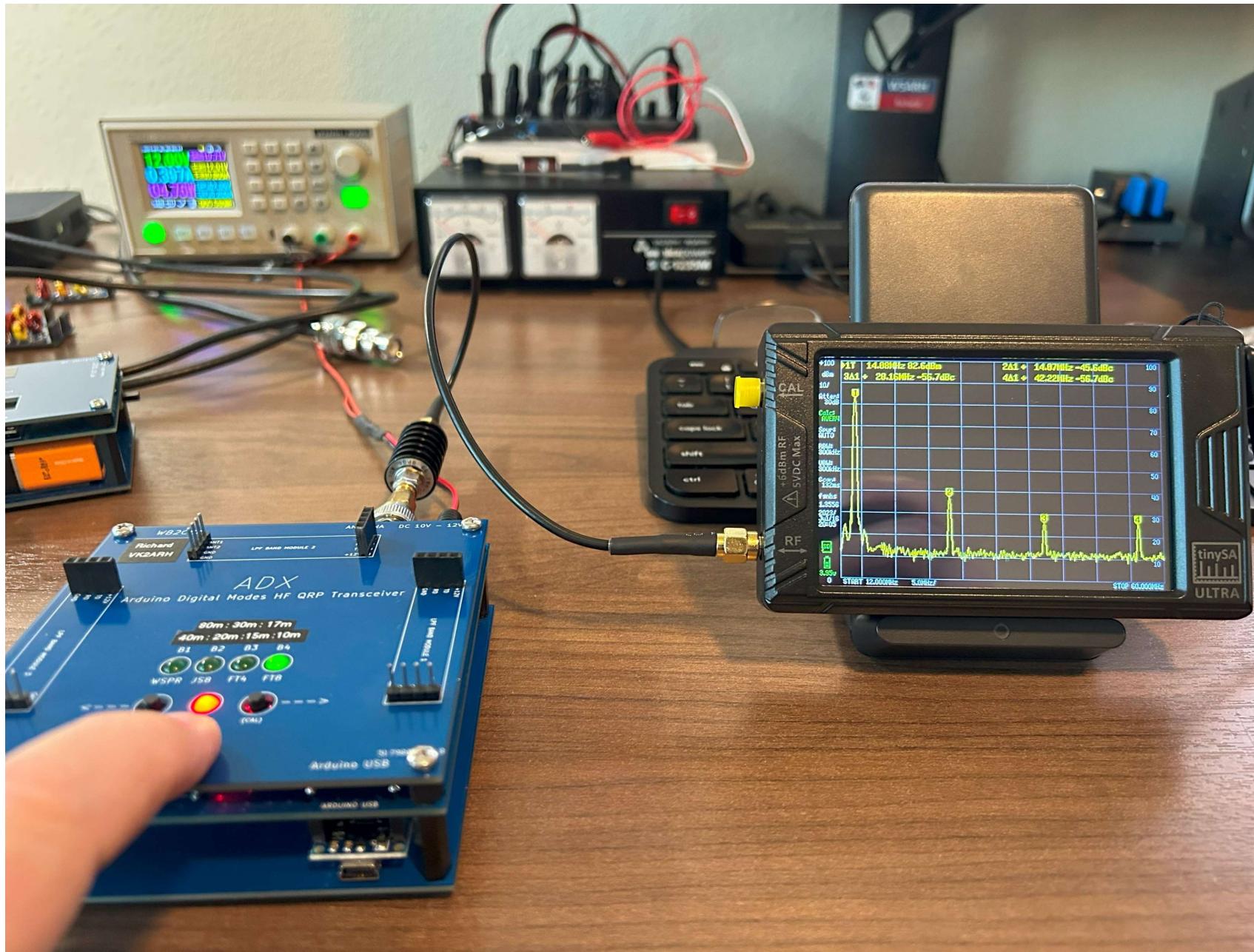


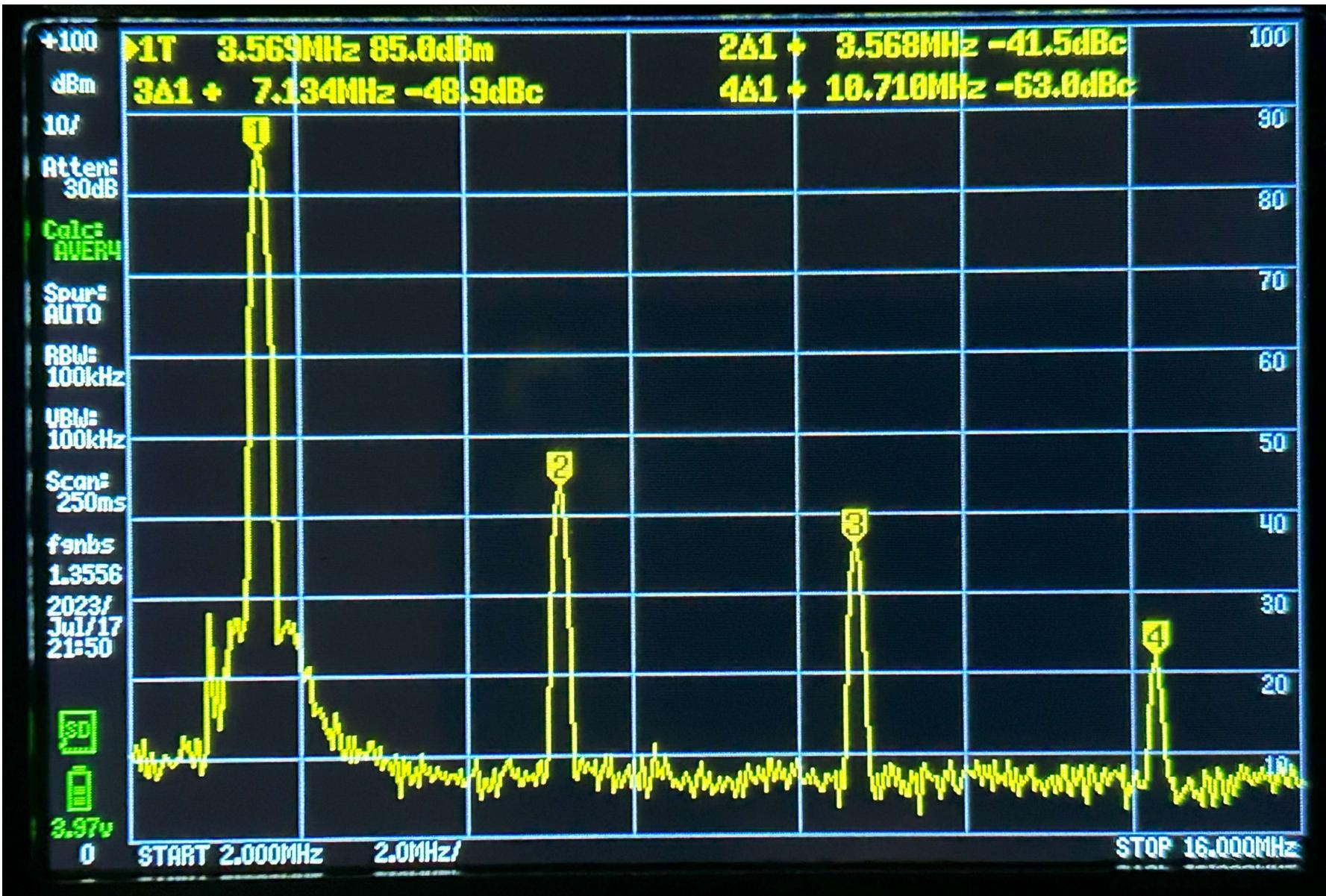
# Testing Harmonic Radiation – ADX Digital Transceiver



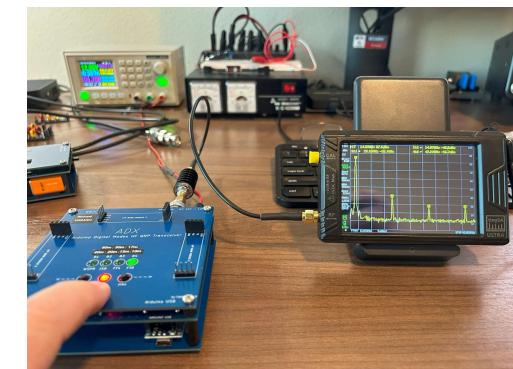
Richard Hinsley  
W5ARH / VK2ARH



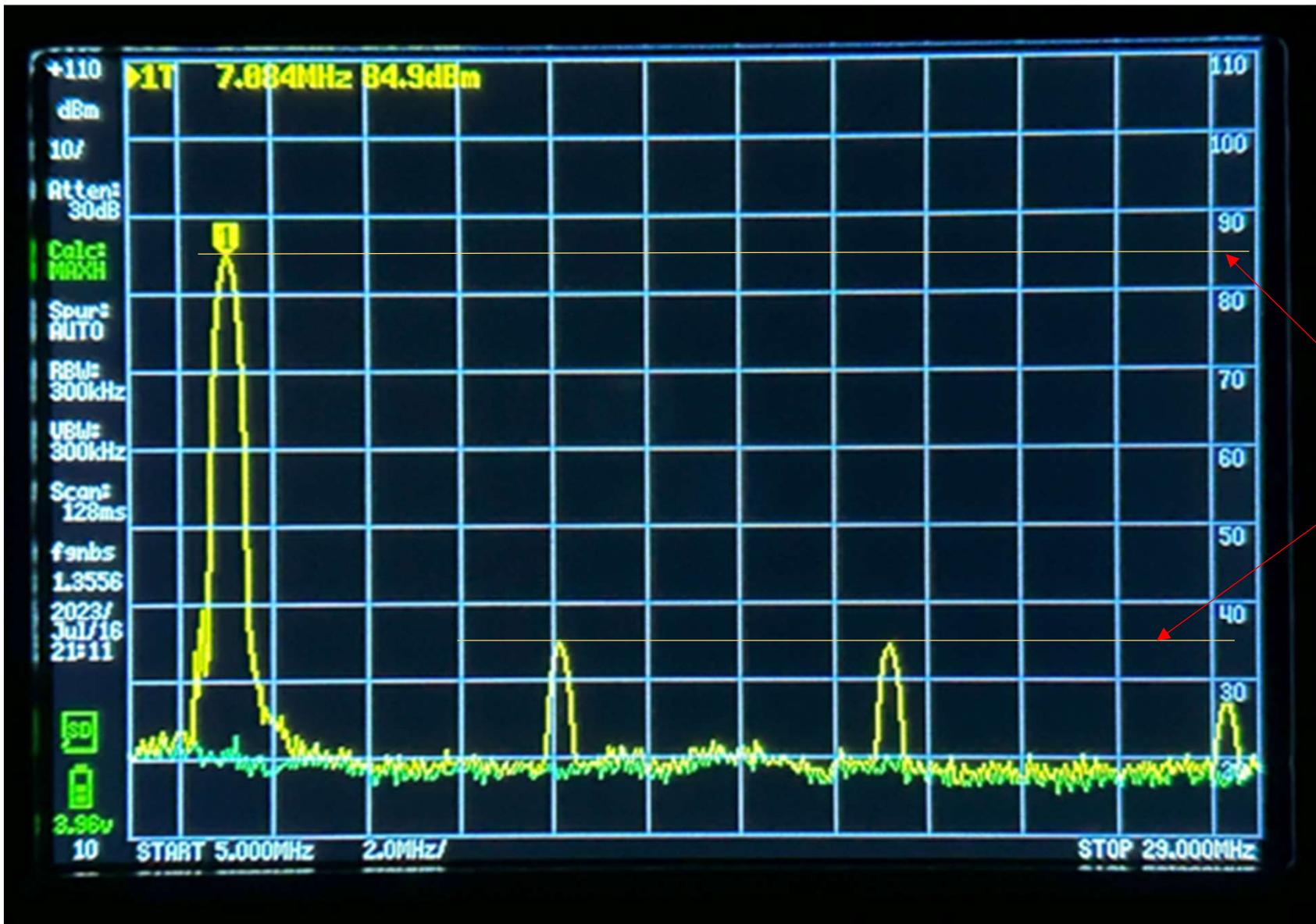
# Results of ADX Spectrum Test – 80m



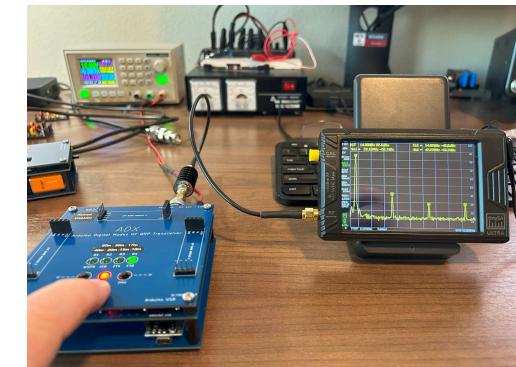
Lowest suppression is  
2<sup>nd</sup> Harmonic -41.5dB  
A little bit of LPF tuning will improve this.



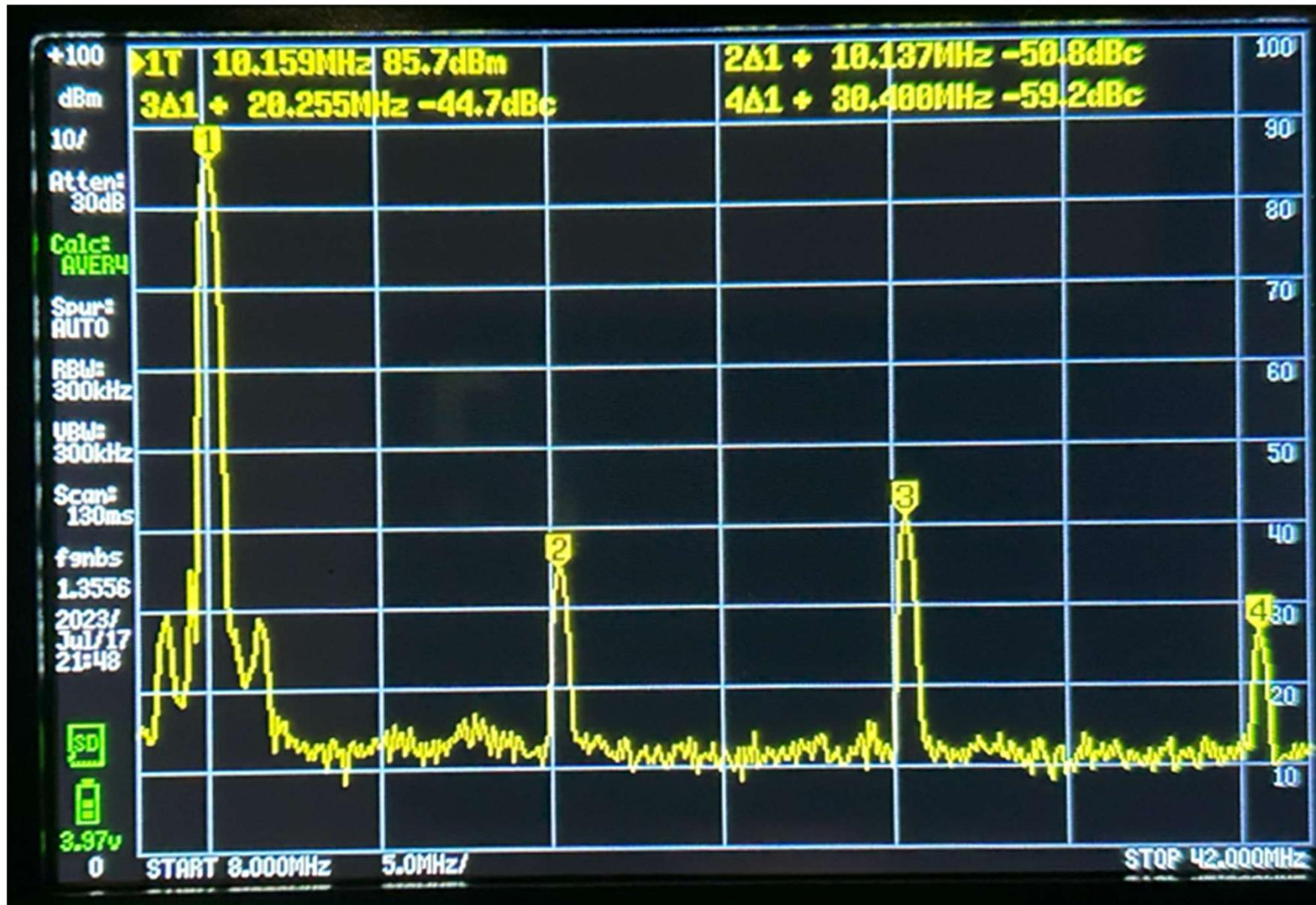
# Results of ADX Spectrum Test – 40m



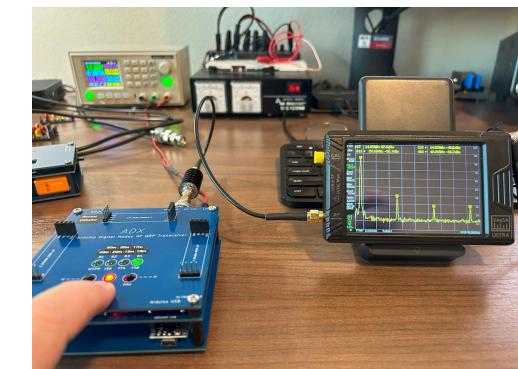
Forgot to get the SA to display the harmonic values.  
But its clear that the 2<sup>nd</sup> & 3<sup>rd</sup> harmonics are at ~ 50dB below the fundamental



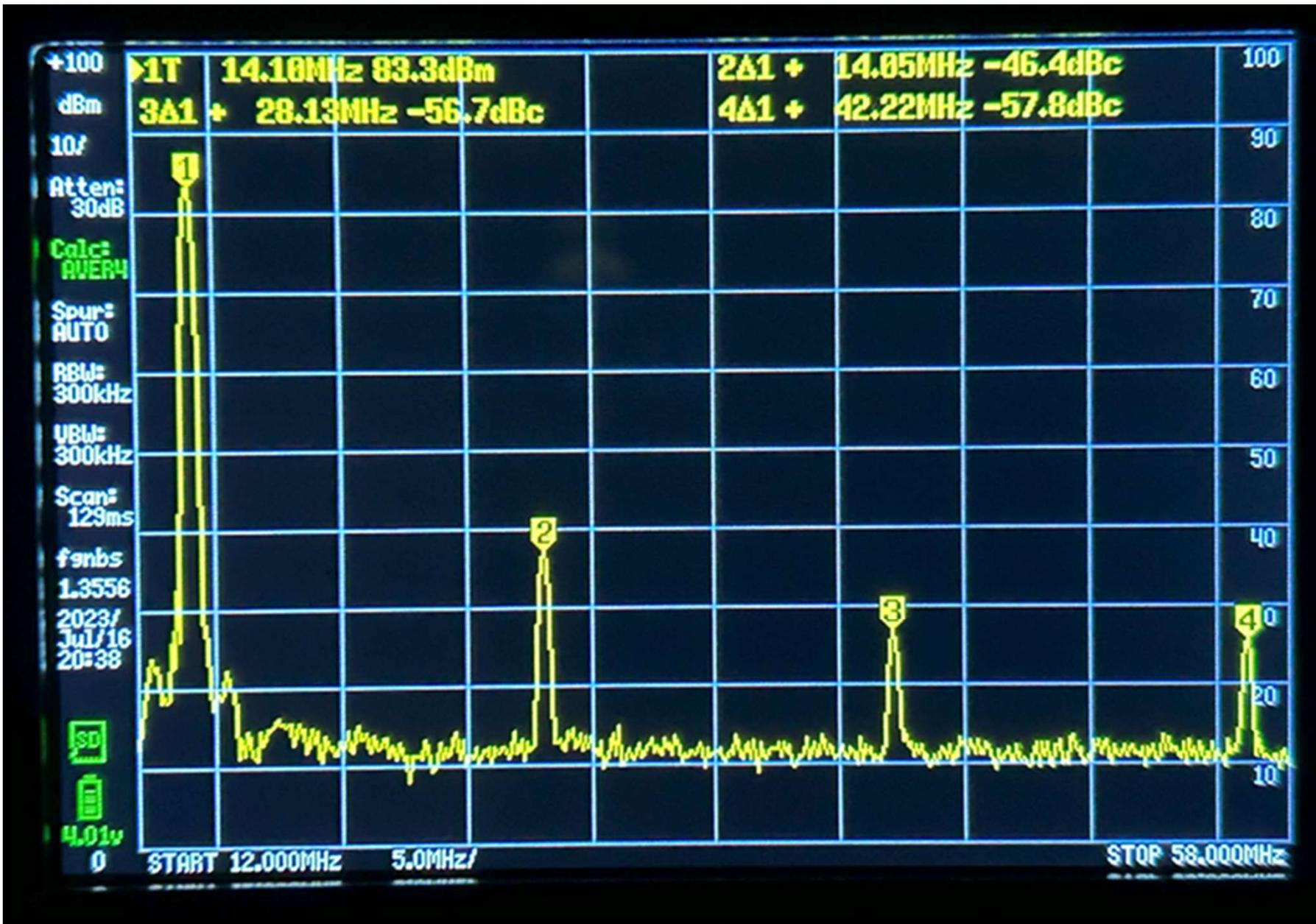
# Results of ADX Spectrum Test – 30m



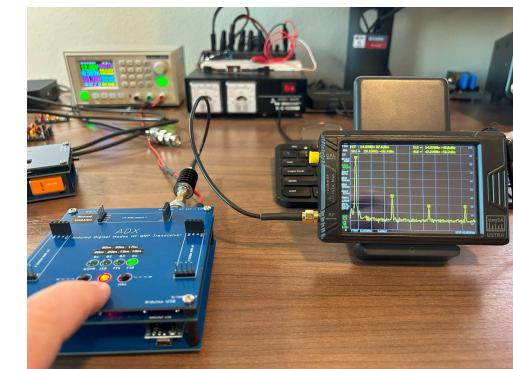
Lowest suppression is  
3<sup>rd</sup> Harmonic -44.7dB



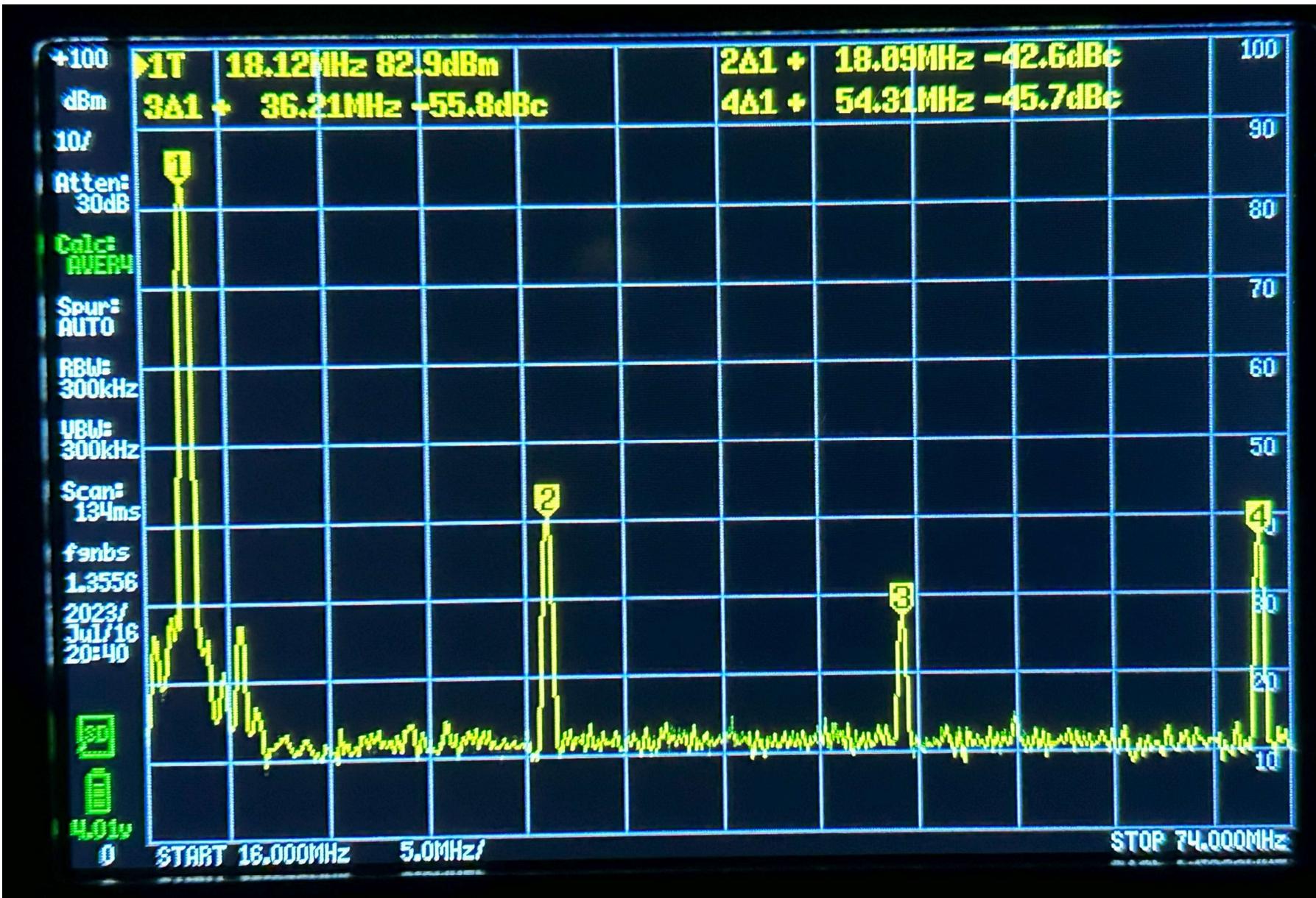
# Results of ADX Spectrum Test – 20m



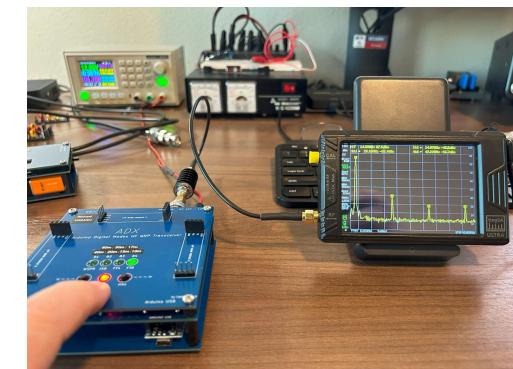
Lowest suppression is  
2<sup>nd</sup> Harmonic -46.4dB



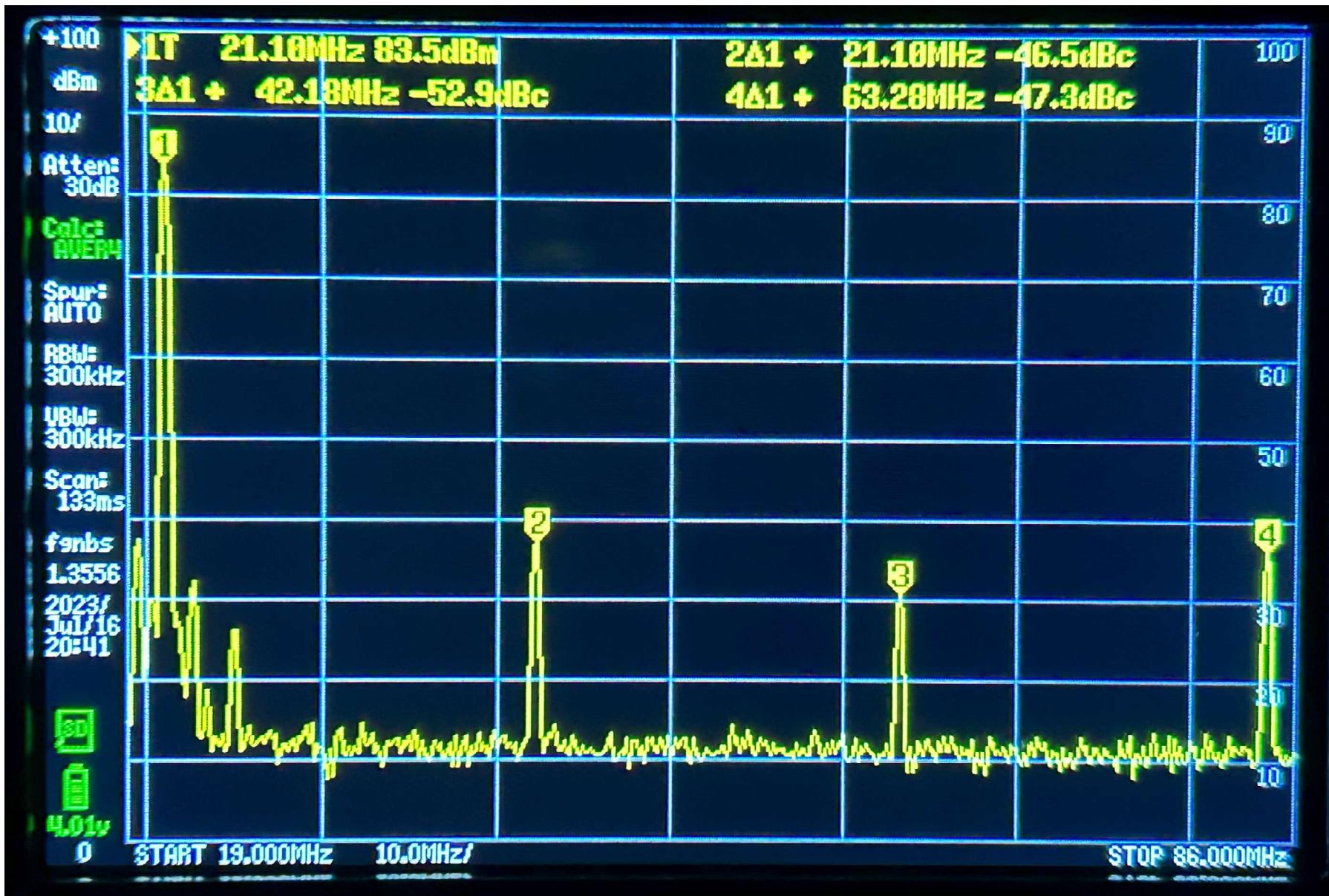
# Results of ADX Spectrum Test – 17m



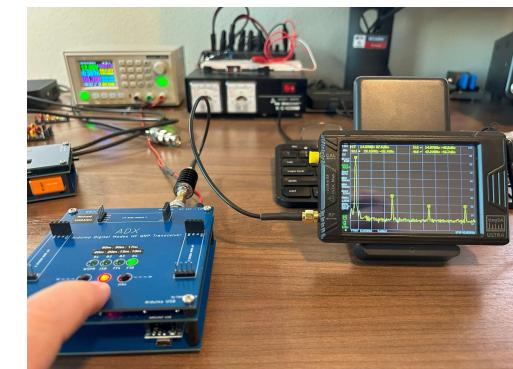
Lowest suppression is  
2<sup>nd</sup> Harmonic - 42.6dB



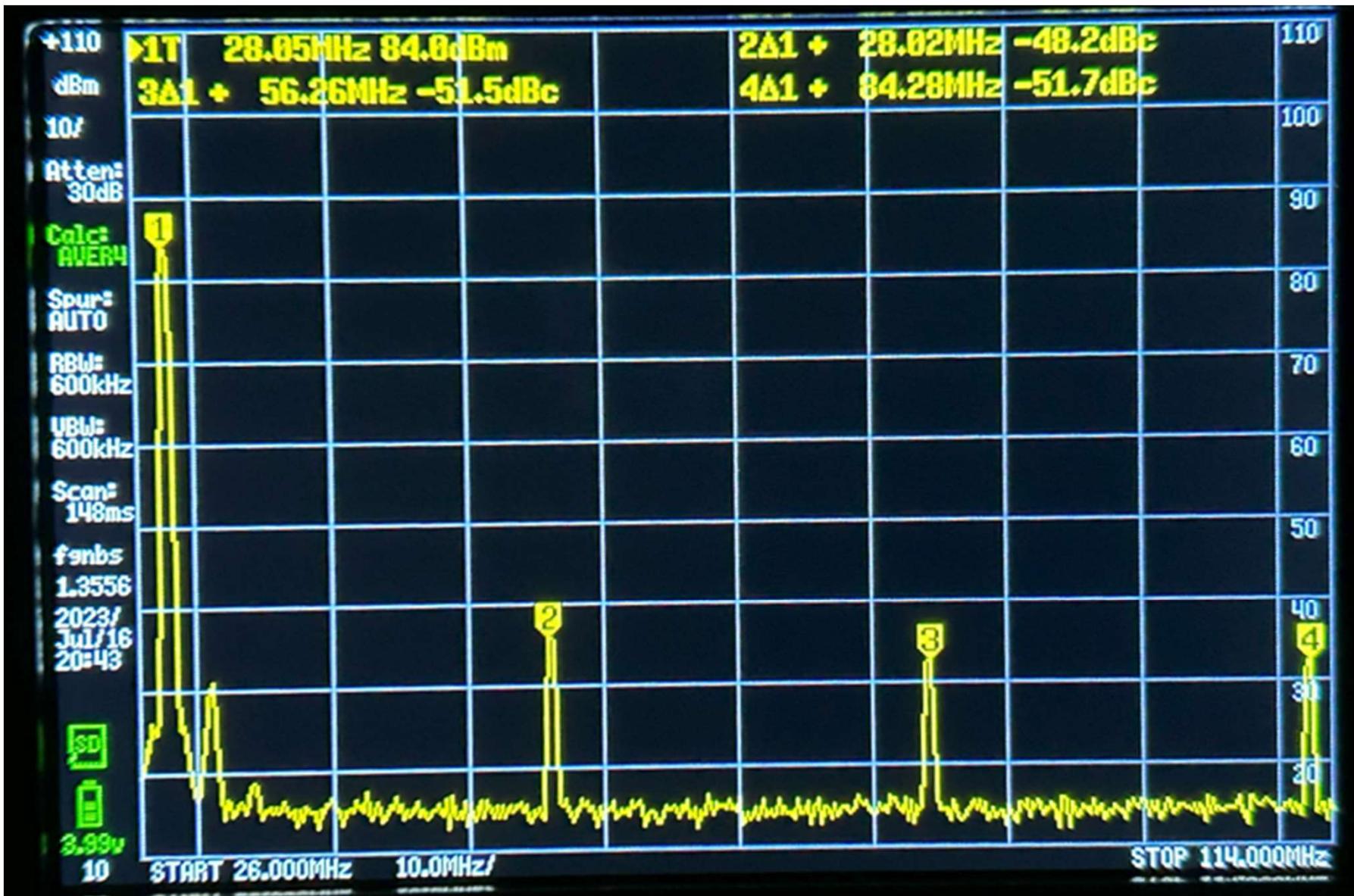
# Results of ADX Spectrum Test –15m



Lowest suppression is  
2<sup>nd</sup> Harmonic -46.5dB



# Results of ADX Spectrum Test – 10m



Lowest suppression is  
2<sup>nd</sup> Harmonic -48.2dB

