





## VR7-FM-8 HT Notch Adjustments & Graphs

### General Notch Adjustment Instructions

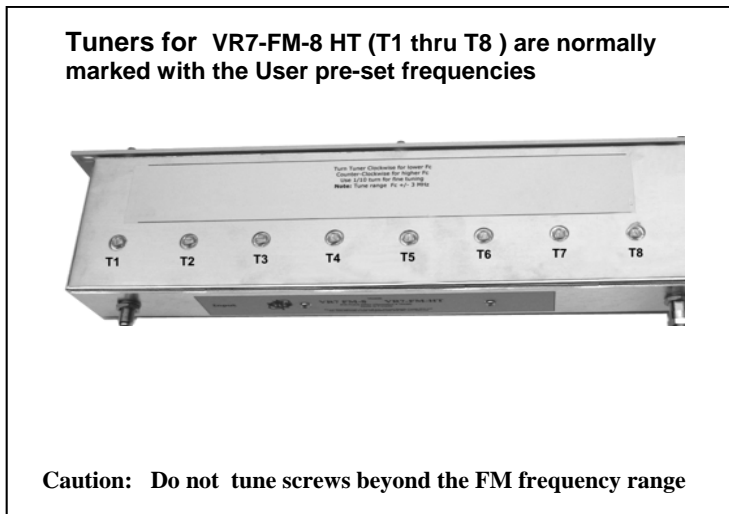
It is recommended Each notch is factory pre-set to User's requirements. Internal cabling may skewed notch to favor upper or upper side. To make frequency adjustment of notch turn the screw tuner that corresponds to the notch:

**Turn Tuner** counter-clockwise (to left) for higher frequency;

**Turn Tuner** clockwise (to right) for lower frequency

**Note:** Lower notch frequency has lower notch depth.

Recommend: For best results adjust notch with RF analyzer with frequency response viewed at 3 to 5 MHz span at Fo. Note: Notch adjustment without suitable equipment is not recommended.

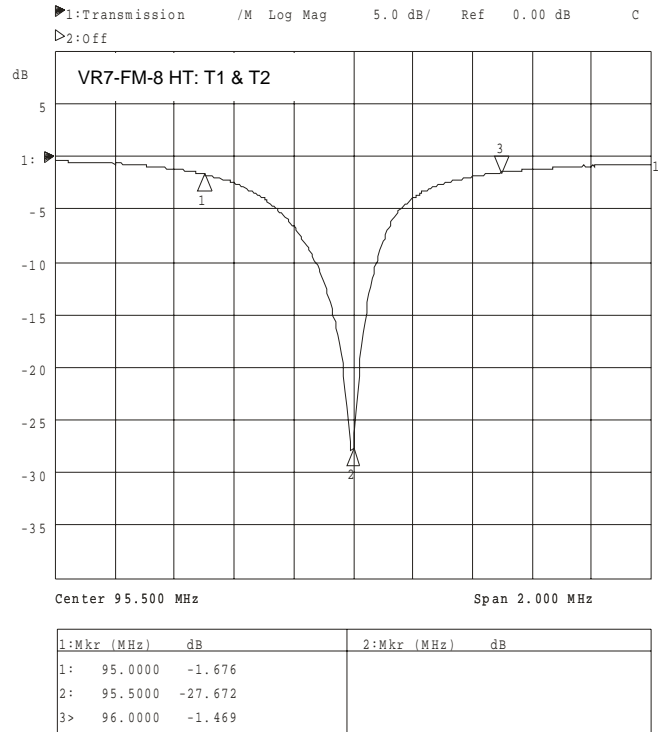


**VR7-FM-8 HT** single notch depth is 7 to 12 dB, for greater depth two or more notches must be combined (graph 1 show two 10dB notches combined).

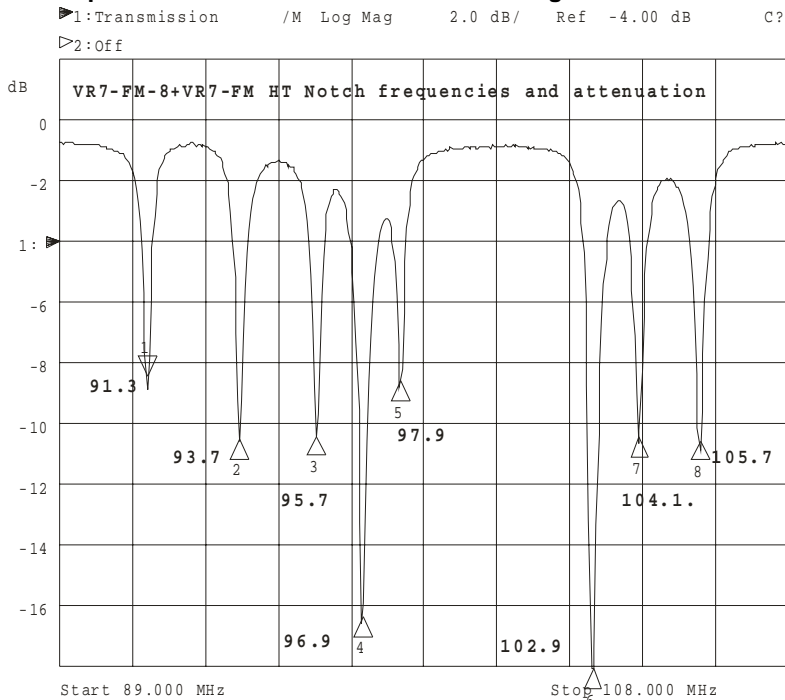
**Combining Multiple Notches**—tune each notch to target frequency, one at a time. Make fine adjustments\* to each tuner to combine notches in the way to obtain desired attenuation and/or notch depth.

\* Fine adjustment means turning screw very slightly (<1/10 turn) in either direction.

**Graph 1** example two combined VR7-FM-8 HT notches



**Graph 2** Shows 10 notches for 8 different signals



**Graph 3:** Shows signal loss adjacent to notches in graph 2

