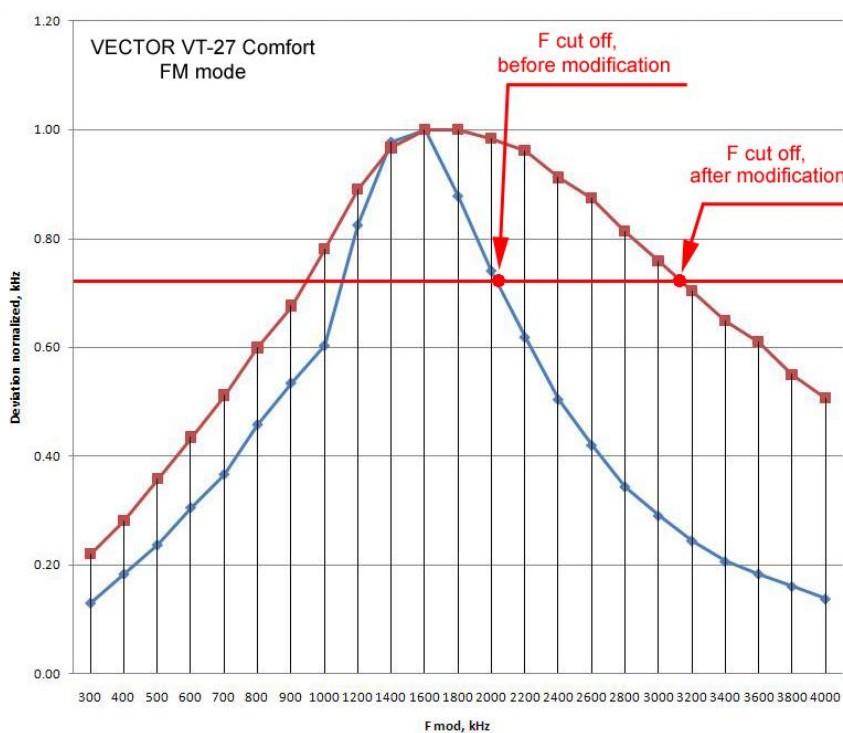
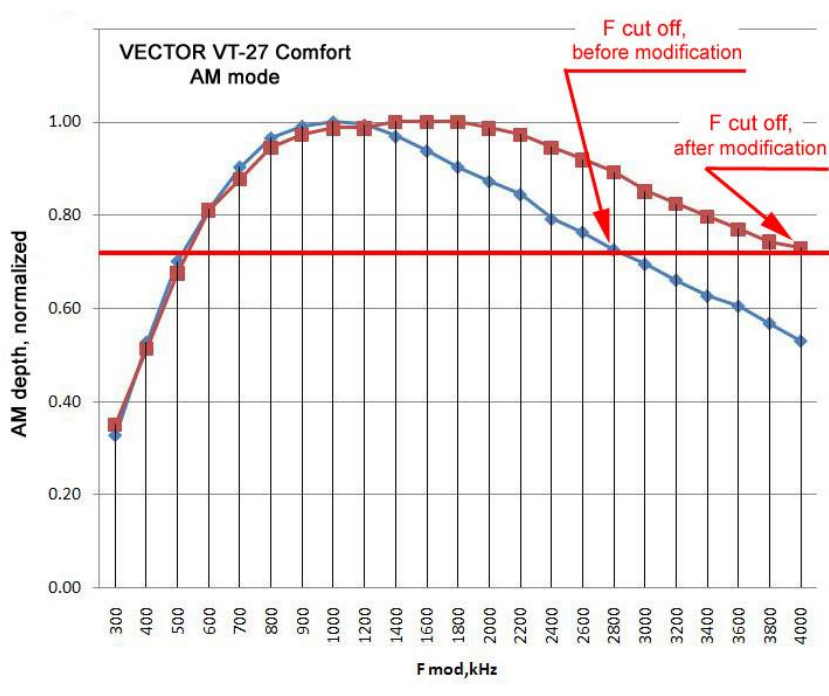
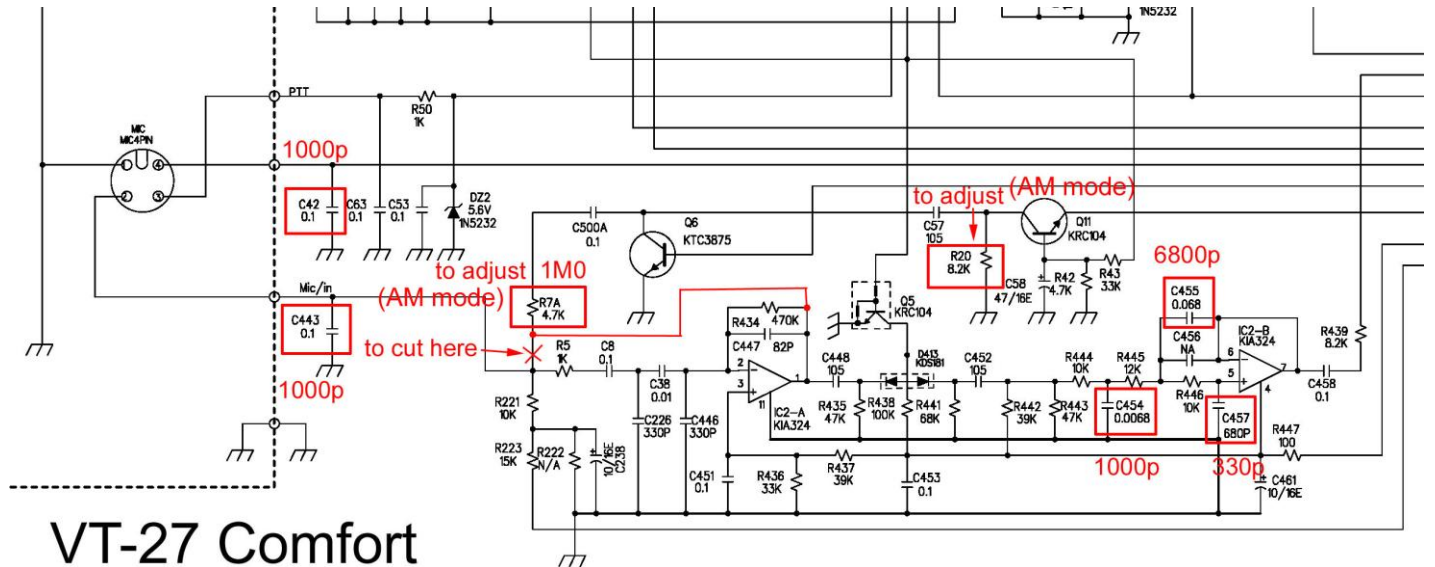


The audio frequency response and sensitivity of mic. input of VT-27 Comfort is no good for our conditions. Audibility (readability) of speech in the air is poor (on FM mode and AM mode also). Cut off frequency of AM/FM modulators is very low. It is necessary to increase up to 3.0-3.5 kHz.



We have modified sample of VT-27 Comfort and testing it after modification.



VT-27 Comfort

1. To reduce C42 to 1000pF,
2. To reduce C443 to 1000pF,
3. To reduce C454 to 1000 pF,
4. To reduce C455 to 6800 pF,
5. To reduce C457 to 330 pF.
6. To increase R7A to approx. 1 MΩ and to adjust it (at AM mode only).
7. To connect lower lead of R7A to out of IC2-A (pin 1) (see diagram above),
8. To adjust R20 (when required).