

Hearing the ATV Buzz

By G8MNY

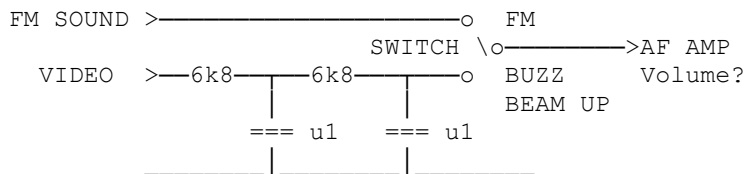
(New Jan 09)

(8 Bit ASCII Graphics use code page 437 or 850)

Originally taken from my UK BATC's CQTV 163 "Tuning 70" of 8/93...

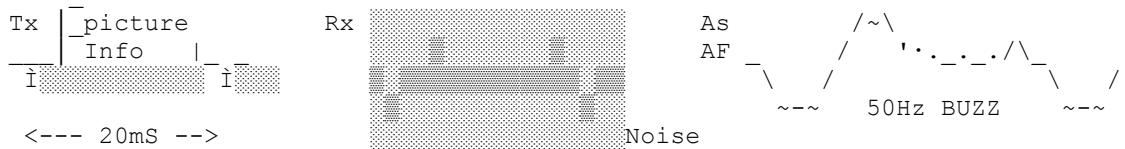
Trying to beam up on weak fast scan ATV signals with tight beams on a TV monitor is not that easy. Here is a way that greatly helps when you don't quite know the beam heading (e.g. /P). It is of no use for digital TV modes!

Take the recovered video and feed it to the TV audio stages (decent size LS or HiFi headphones!) after some CR filtering to remove the line timebase & treble noise.



This works by listening to the 50Hz buzz, as your ear/brain is a few dB better than the TV sync stages. It also works on 10GHz/1255MHz FM TV just as well as AM mode.

The extra 6k8 load on the 75ohm video line has no effect.



This can work on any band including 70cms, although on AM a narrow band SSB/FM phone Rx may even better if the exact carrier frequency is known!

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP