



## UTCTF 2020

### Forensics : 1 Frame per Minute

**Value :** 50 Pts

**Description :** I recently received this signal transmission known as SSTV in a mode called Martian? This technology is all very old so I'm not sure what to do with it. Could you help me out?

**Attachment :** signals.wav

### Solutions :

First i downloaded and listened «signals.wav» audio file and we hear some garbage. As said the description, «the signal transmission is known as **SSTV** in a mode called **Martian**».

Searching about it and i find a google play store app.

Source : <https://play.google.com/store/apps/details?id=xdsopl.robot36&hl=en-US>

Installing it on my phone, starting to listen the audio in my computer and intercept from the app on my phone and i decrypted the flag at the end of the audio.



**Flag :** **utflag{6bdfeac1e2baa12d6ac5384cdfd166b0}**