

## Re: Sony KV-25K5U (FE-1) Problem

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**From:** james (thomas.bennet12\_at\_ntlworld.com)

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Sony normally use a 680uf 40- 65 volt elect cap to couple the frame o/p to the coils, sounds as if it has dried up.

Tom

"Prosonman" <prosonman@hotmail.com> wrote in message news:cu7hf0\$bf6\$1@sparta.btinternet.com...

> *Hi All,*

>

> *I'm an electronics engineer but know very little about T.V repair and was hoping someone out there may be able to point me in the right direction to fixing a problem with my T.V.*

>

> *The problem or problems may be connected, firstly the picture quality has become quite poor, in that it is no longer a sharp picture but I would say out of focus particularly on the sides. This is very apparent on writing on*

> *the screen that is virtually illegible and appears to have like a red ghosting effect on every letter.*

>

> *The other problem is a brightness problem, it may sound obvious but it gets*

> *brighter when the image on screen has a lot of white in it, even the writing*

> *on screen becomes clearer. For example on a news channel there is a band at*

> *the bottom of the screen giving information, most of the time I find this hard to read but when the picture above goes to a nice bright outdoor scene*

> *suddenly the writing becomes legible, not perfect but at least I can be read*

> *it.*

>

> *The T.V is a Sony KV-25K5U that I believe is also called an FE-1, I don't know if the problem is a faulty tube, a poor HT or bad power supply. Any*

> *help would be greatly appreciated and where to get circuit diagrams would be*

> *helpful.*

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> *Many thanks*

> *Richard.*

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