

[SDI Signal Not Working on ANT-2554 / ANT-2551](#)

A customer who was inputting HDSDI at 1080P50 but the encoder showed 1080i50 and didn't work.

We discovered that 3G HDSDI has 3 levels A B and C.

Level A is one channel at full bandwidth and this works and shows up as 1080P50 and streams to VLC.

Level B 1080P50 is a dual link 2 channel system where the 2 channels are multiplexed.

The encoder sees this as an interlaced signal but will not decode and stream it.

Level C not tested but also unlikely to work

So if in future a customer is claiming to use a 1080P SDI signal but its not working , check they are using Level A which will work Level B will not.

Below link is a useful article that explains SDI and level A/B (see screenshot of the level B 1080P50 signal as reported by the encoder:

https://www.aja.com/pdf/qa/Dual_Link_and_3G_Overview.pdf

