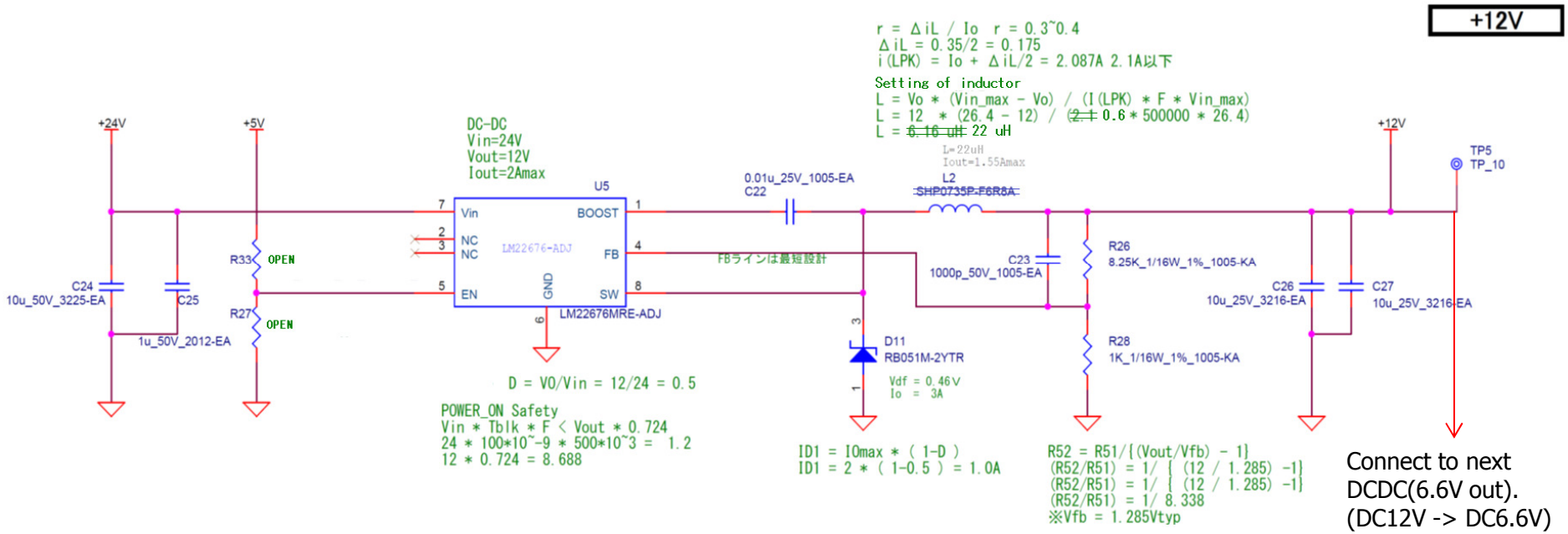
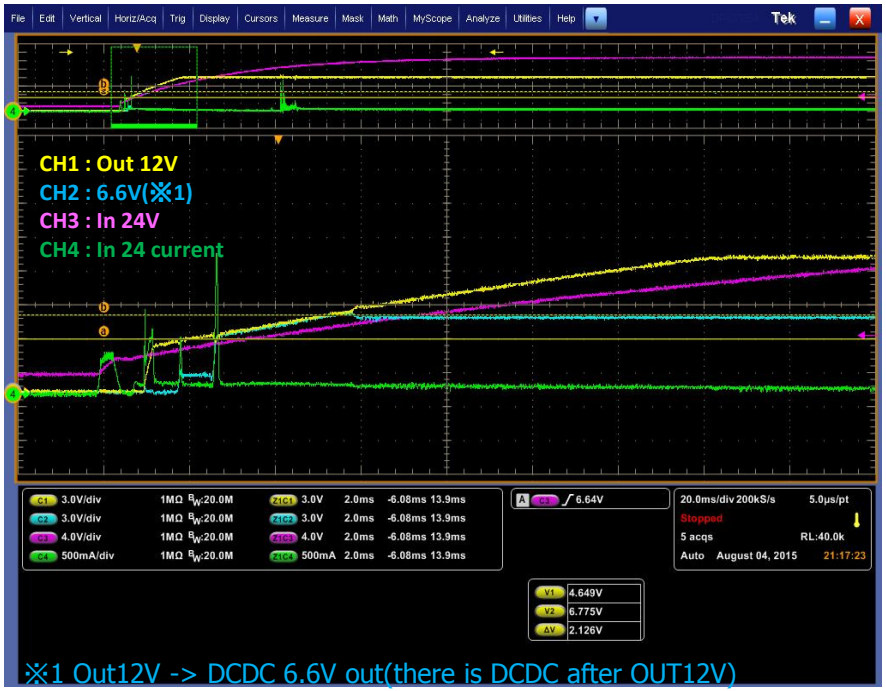
<Circuit – LM22676>

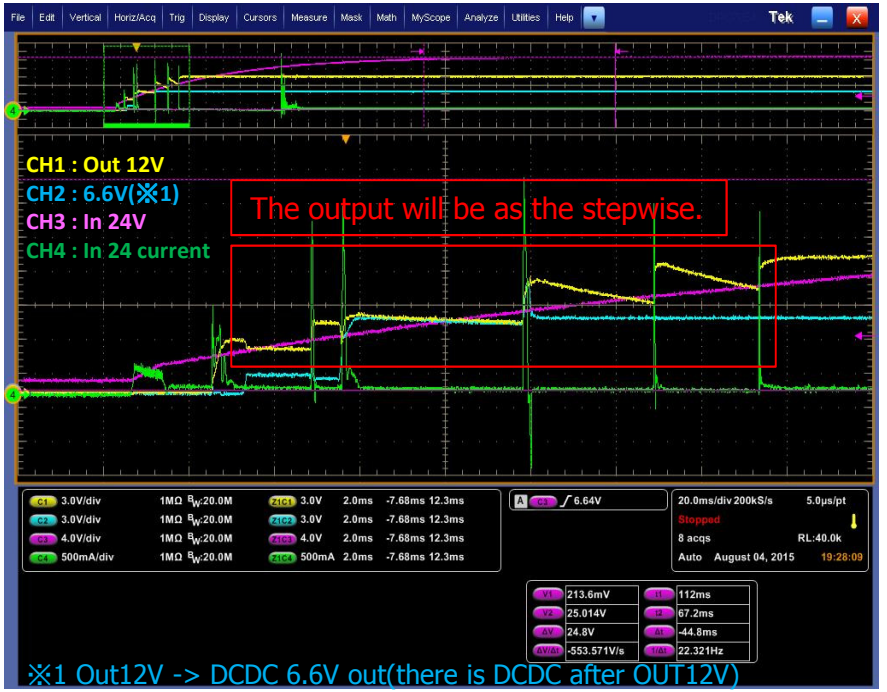


<Waveform – LM22676>

<Normal start-up>



<Abnormal start-up>



<Question1>

"Normal start up" and "Abnormal start up# both use the same circuit.
(Of course device lot numbers are different, so R, C and L are also a bit different.)
On "Abnormal start up" condition, our customer checked in case of Vcc=12V no load, but the result was the same.
And then, on "Abnormal start up" condition, our customer add input capacitance 22uF, but the result was the same.
So, our customer would like to solve this problem, if you have some advice, could you let us know it?

<Question2>

When our customer set R33 and R27 so that it will be the following condition.
-DC15V In, EN is high
As the result, the output was not as the stepwise, so the wave form was normal.
Basically, until the input capacitance is charged, should EN pin be disabled?
Or, output is 12V, so, until the input voltage is over 12V(+α), should EN pin be disabled?