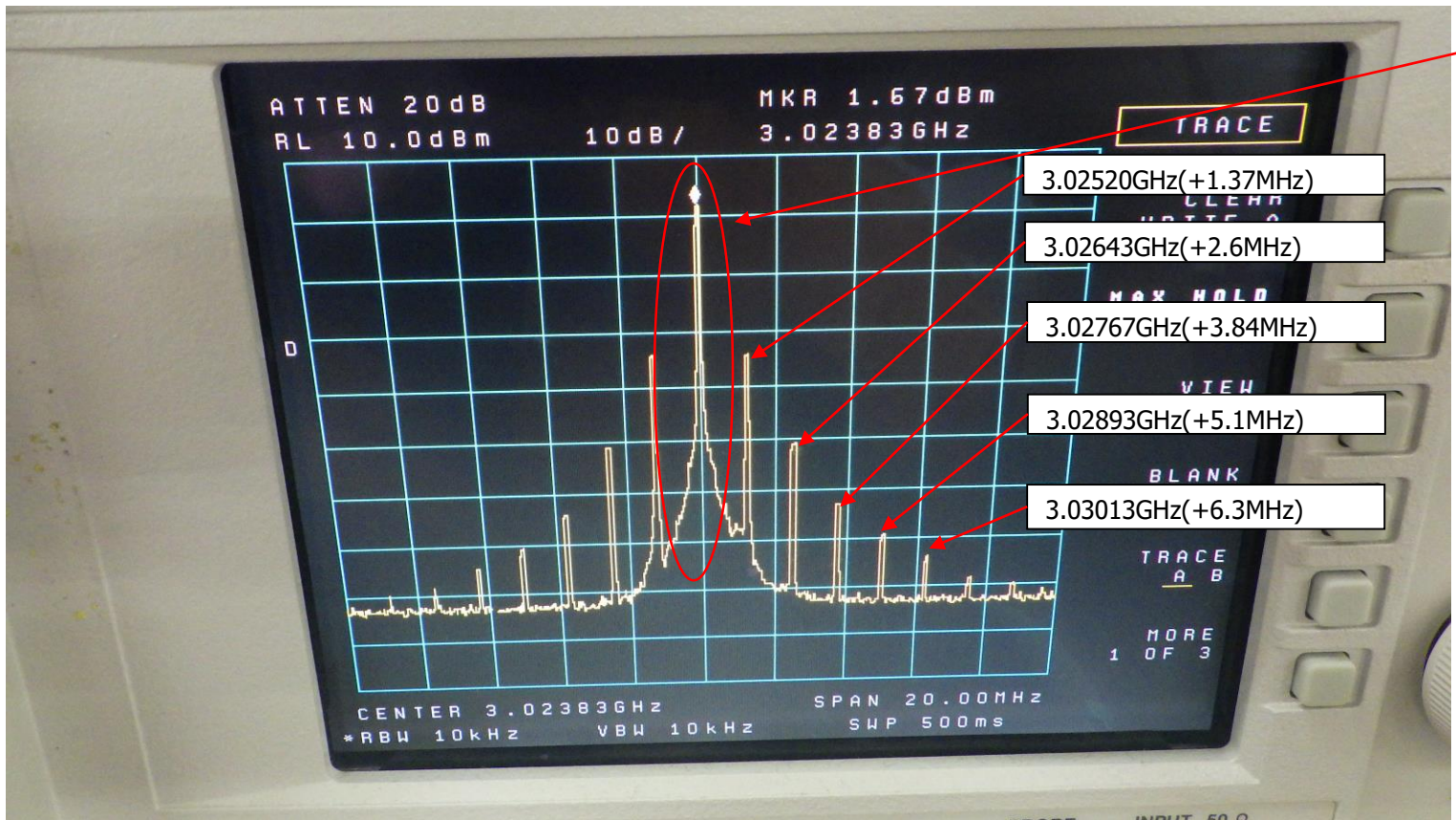
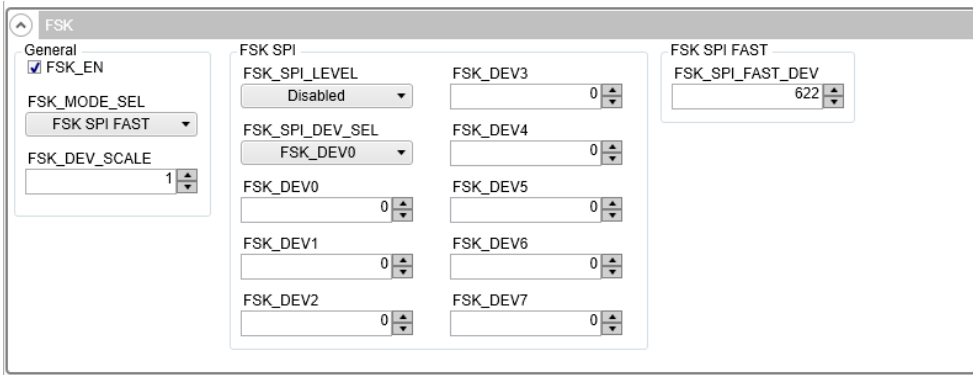


< In case of FSK=Enable >



Center frequency is 3.02GHz.



<Question1>

Our customer uses LMX2572EVM with FSK FAST=enable, the result was as the above spectrum figure. (About TICSPRO setting, please refer to the file "TICSPRO setting : 20200406_LMX2572EVM.tcs".)

On the FSK display on TICSPRO, they choose FSK Step=622 and FSK SPI FAS=Enable.

We assumed that the peak(center) frequency shifts to Δf . Is our recognition correct?

We would like you to evaluate the same things with LMX2572 EVM, and could you give the result?

<Question2>

In case of FSK SKIP=622, we expected VCO offset shifts 124.4MHz and the output is 62.2MHz, is our recognition correct? The calculation : $\Delta f = \text{FSK Step} * \text{PDF} * 2^{**1} / \text{DEN} \rightarrow 622 * 100 * 10^{**6} / 1000 = 124.4$.

< In case of FSK=Disable, as the reference >

Center frequency is 3.0GHz. → It seems there is no problem.

