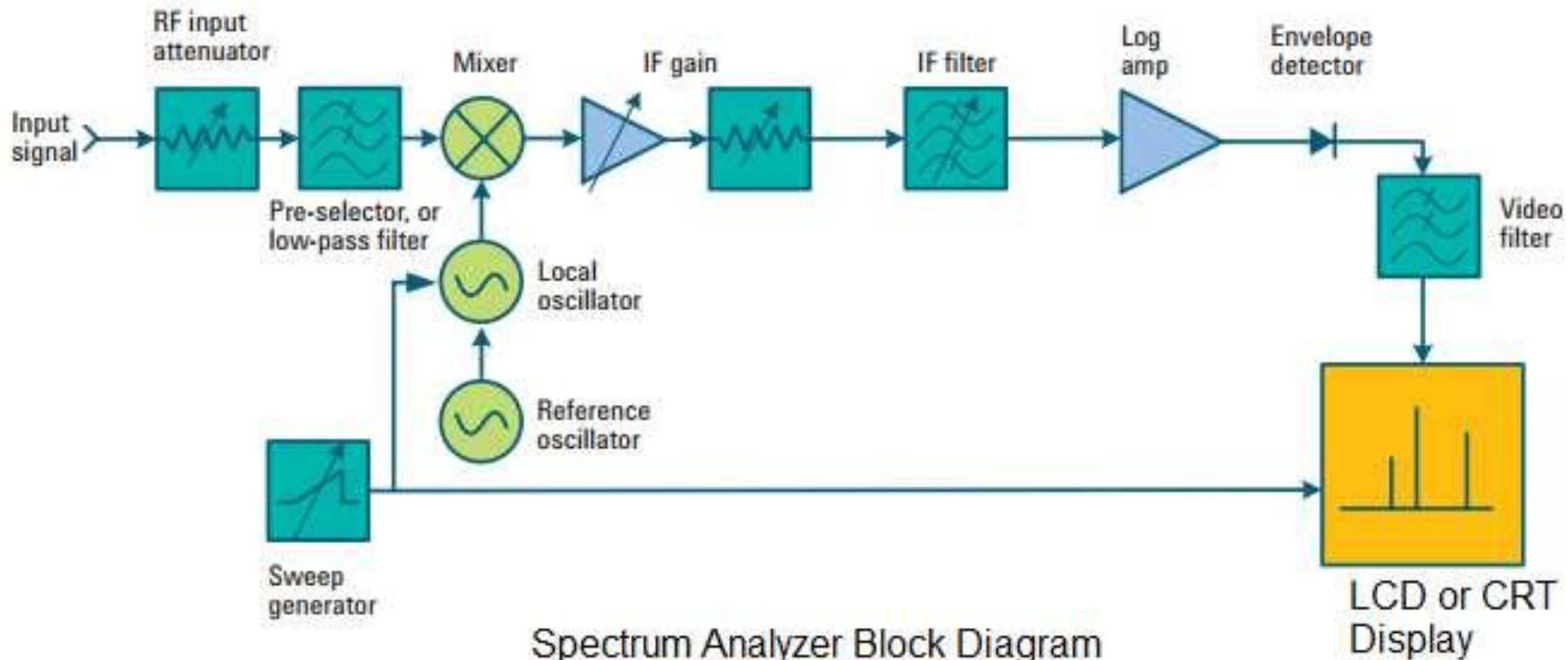




# NANO VNA

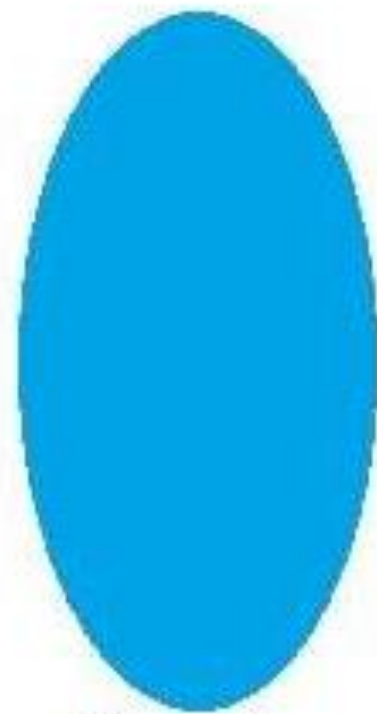
Frans PE0F



Incident light(A1)



Transmitted light(B2)



Obstacle

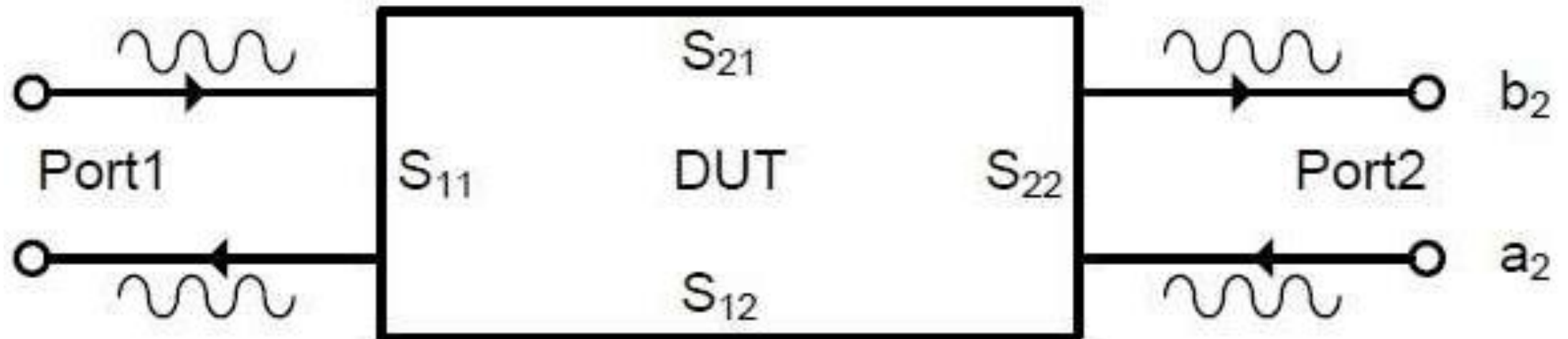
Reflected light(B1)



Lens

A2





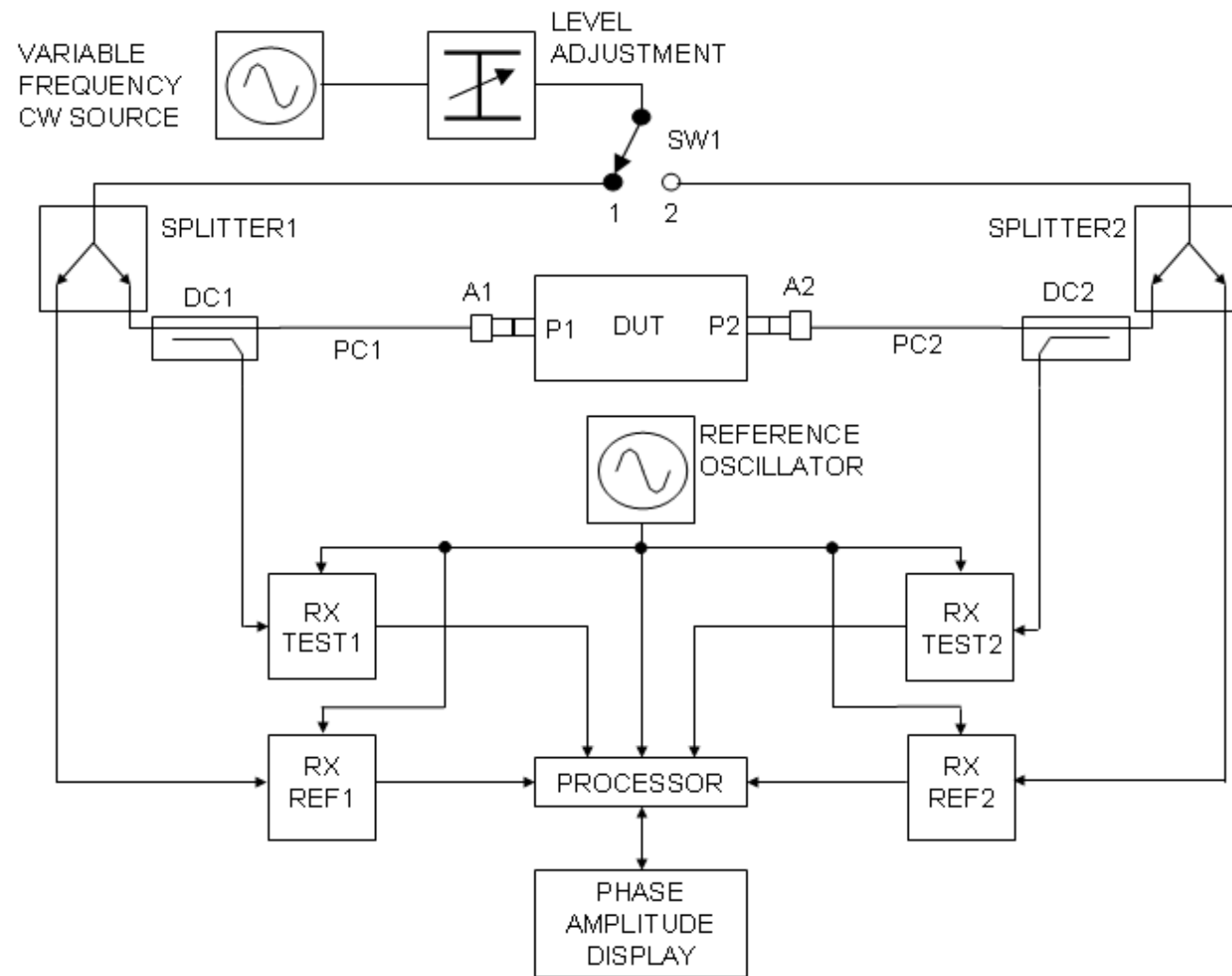
$$S_{11} = \left. \frac{b_1}{a_1} \right|_{a_2=0}$$

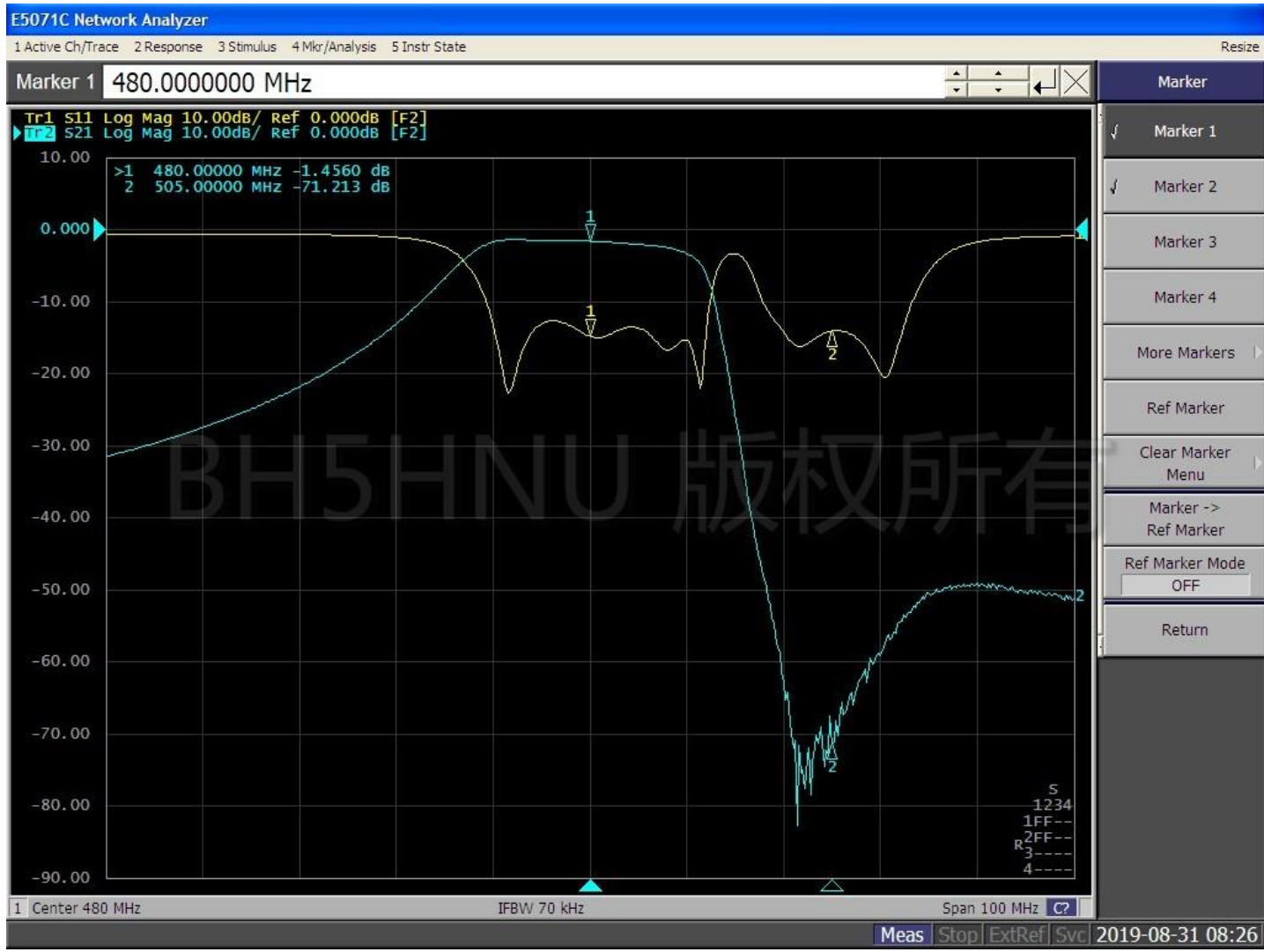
$$S_{12} = \left. \frac{b_1}{a_2} \right|_{a_1=0}$$

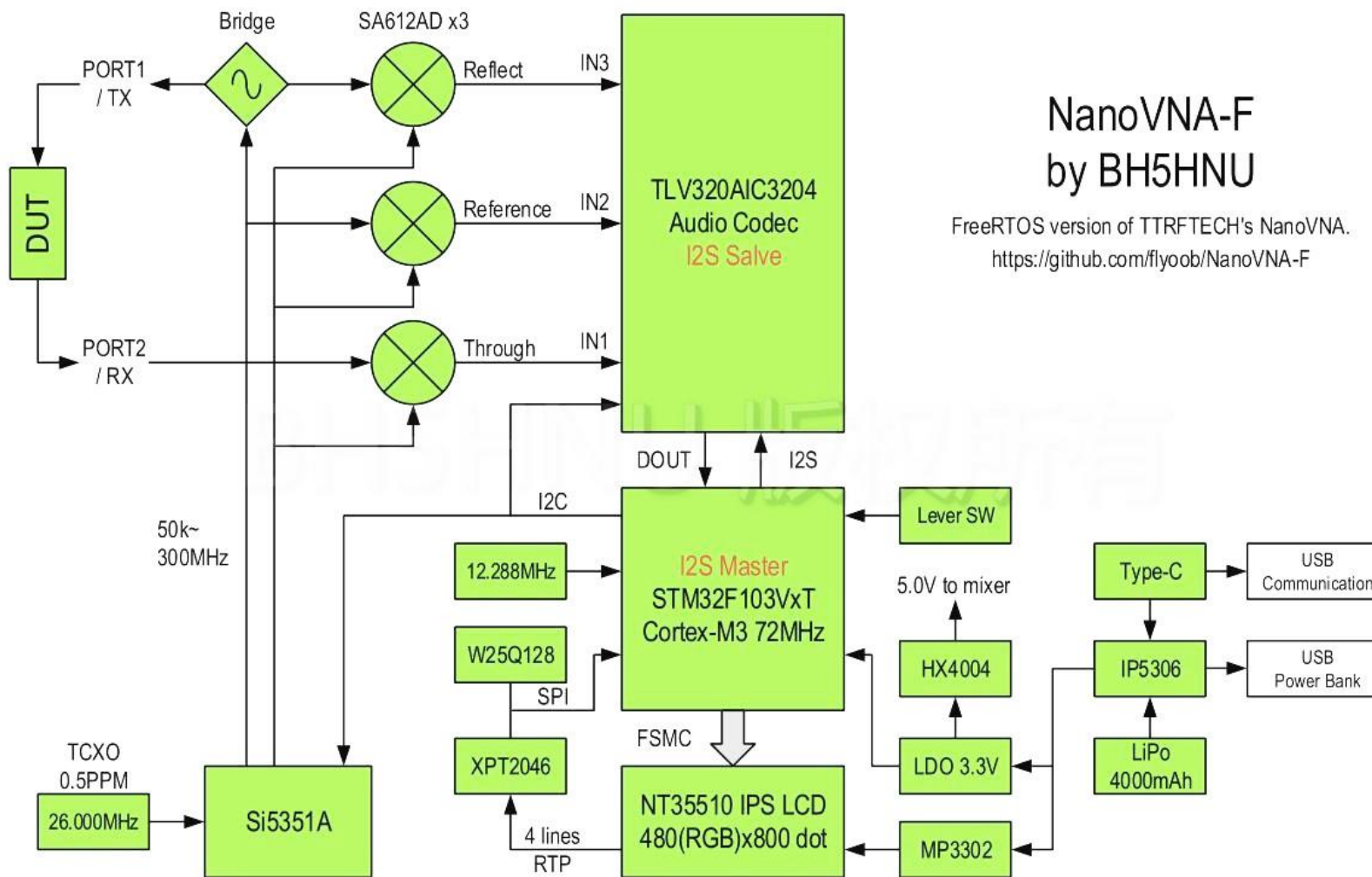
$$S_{21} = \left. \frac{b_2}{a_1} \right|_{a_2=0}$$

$$S_{22} = \left. \frac{b_2}{a_2} \right|_{a_1=0}$$

2-Port S-Parameter Model

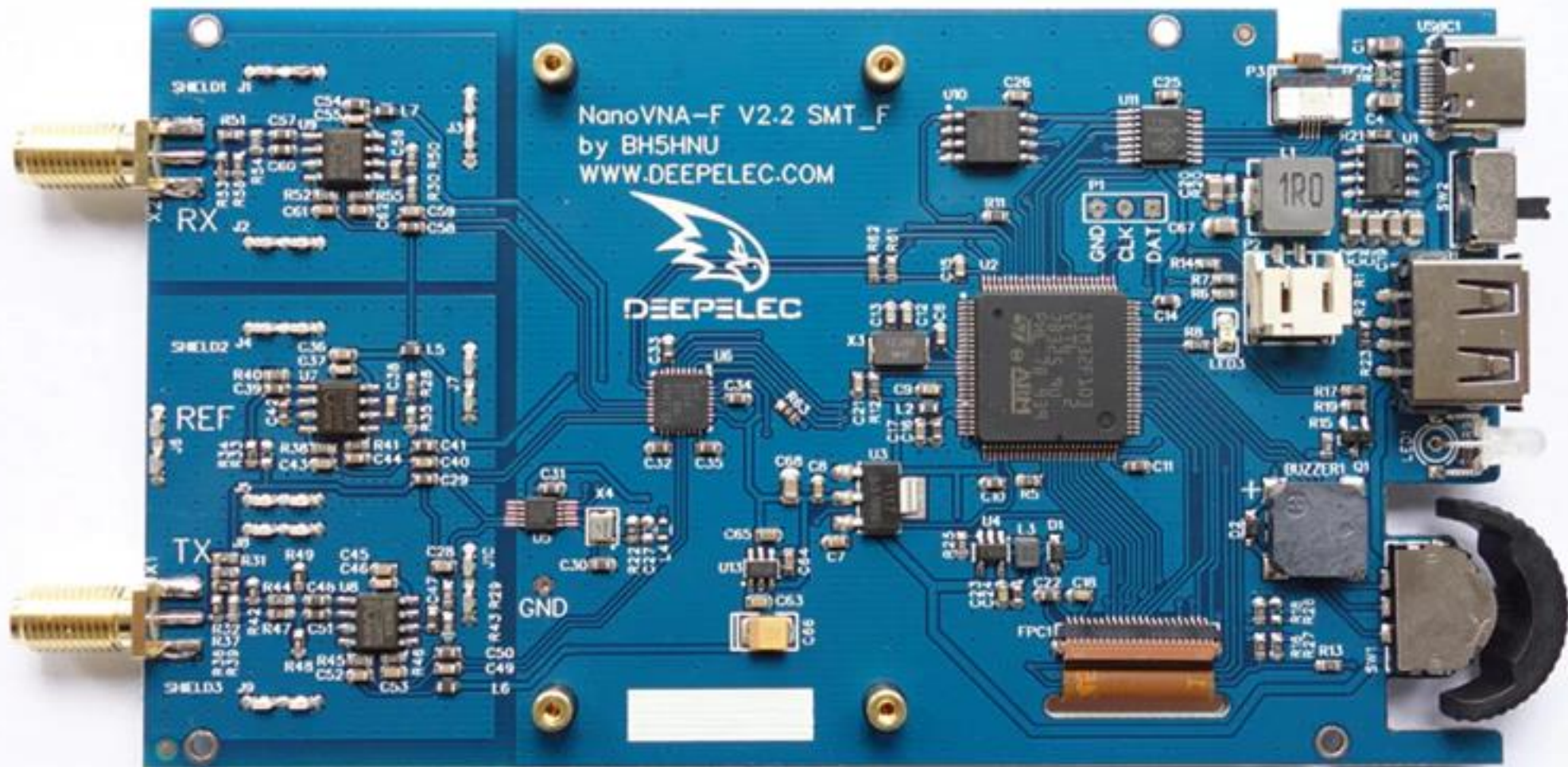






# NanoVNA-F by BH5HNU

FreeRTOS version of TTRFTECH's NanoVNA.  
<https://github.com/flyoob/NanoVNA-F>





# RF Demo Kit

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kinds of circuits

