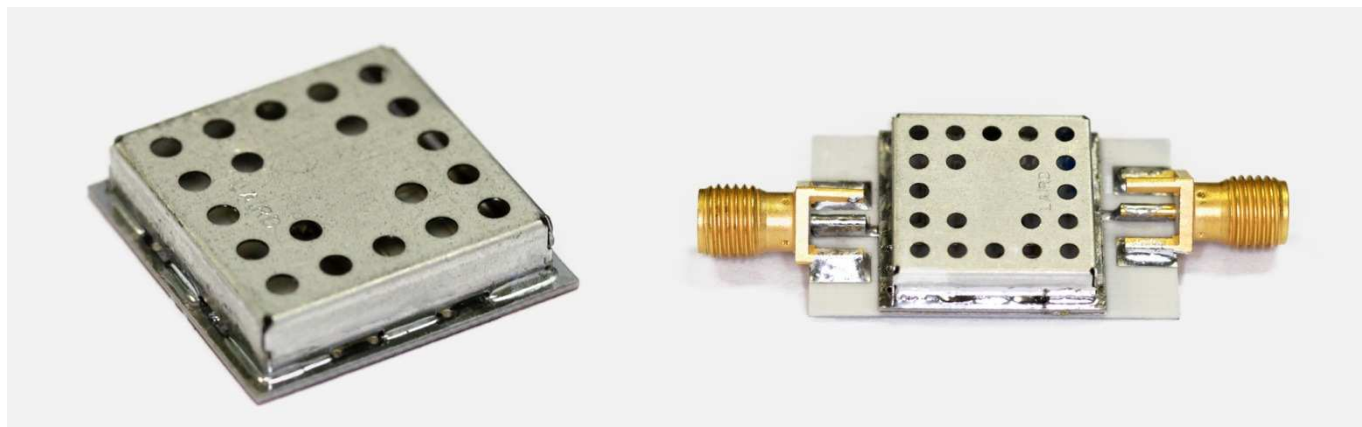


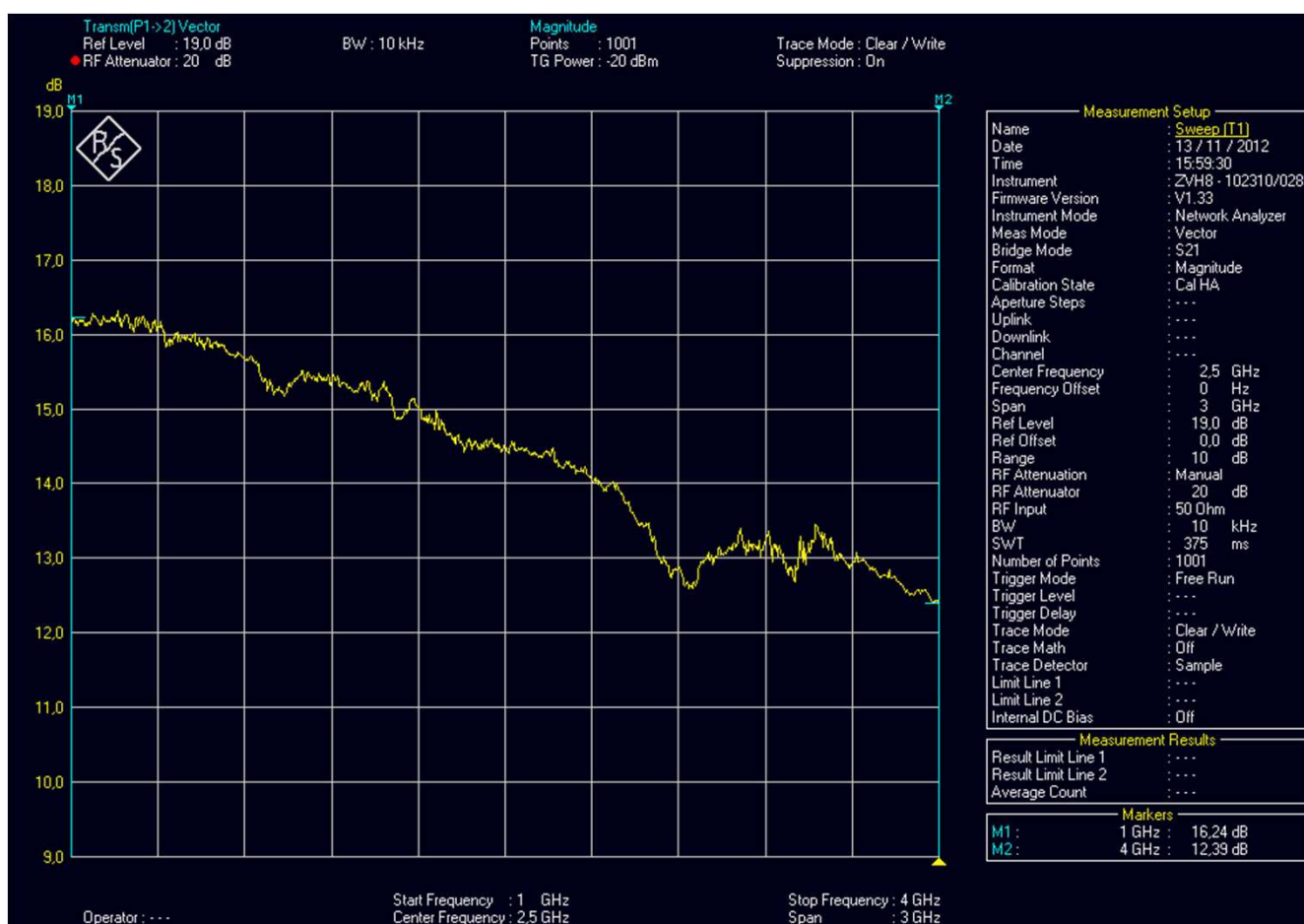
## Technical Data

Frequency range:	1 – 4 GHz
Transfer coefficient:	not less than 12 dB (at 4 GHz)
Noise factor:	not more than 5,8 dB
Compression level at 1 dB:	+15 dBm@2 GHz
Input, output impedance:	50 Ohm
VSWR:	not more than 2,1:1
Power supply:	3,9 ± 0,3 V (another option 5 V)
Current consumption:	50 ± 10 mA
Installation method:	soldering (SMD-component), possible using SMA connectors



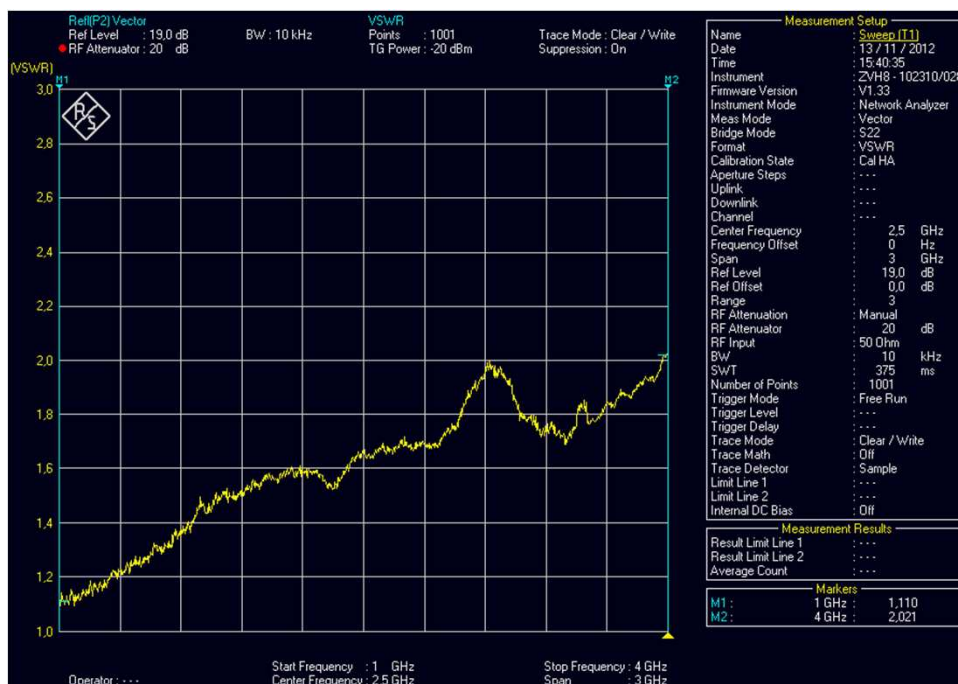
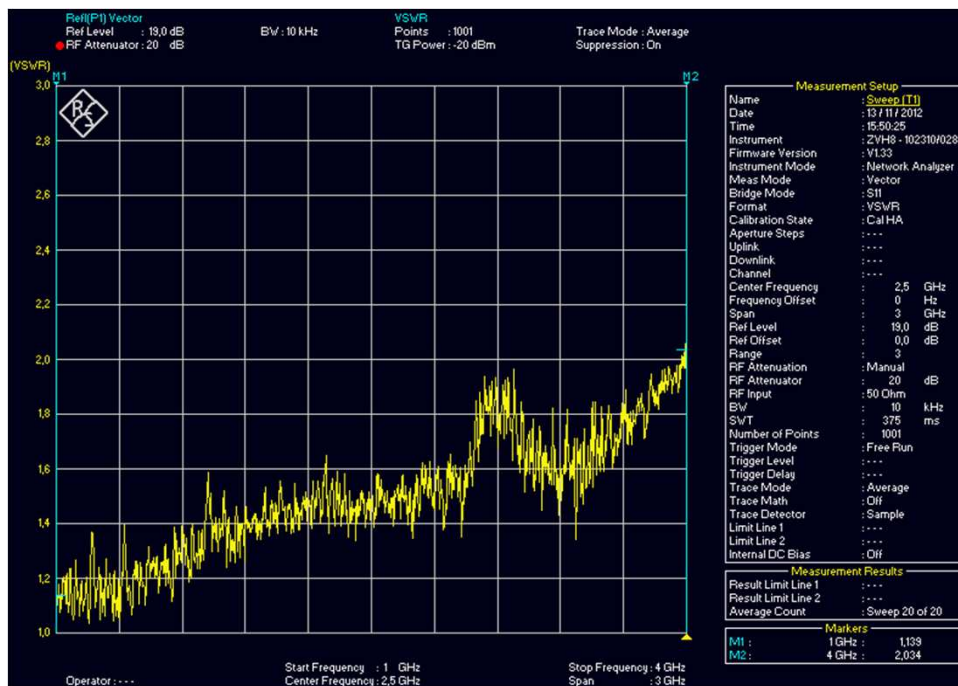
## Transfer coefficient

The following picture shows Transfer coefficient S21 in dB.



## VSWR

The following picture shows VSWR the input and output accordingly



## History

Author: Stepan Revutsky, «KBOR», Moscow  
Date: October 22, 2012  
Revision: 1.1  
Changes: Added the corrected schedules of gain and VSWR the input and output

