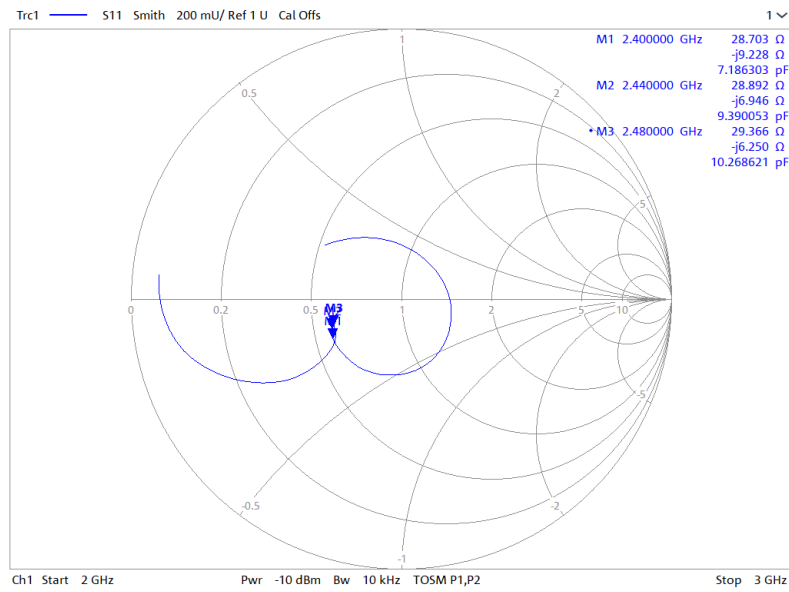


Device: nRF52833 QIAAB0  
 Date: 2021/08/17  
 Engineer: Ketil Aas-Johansen

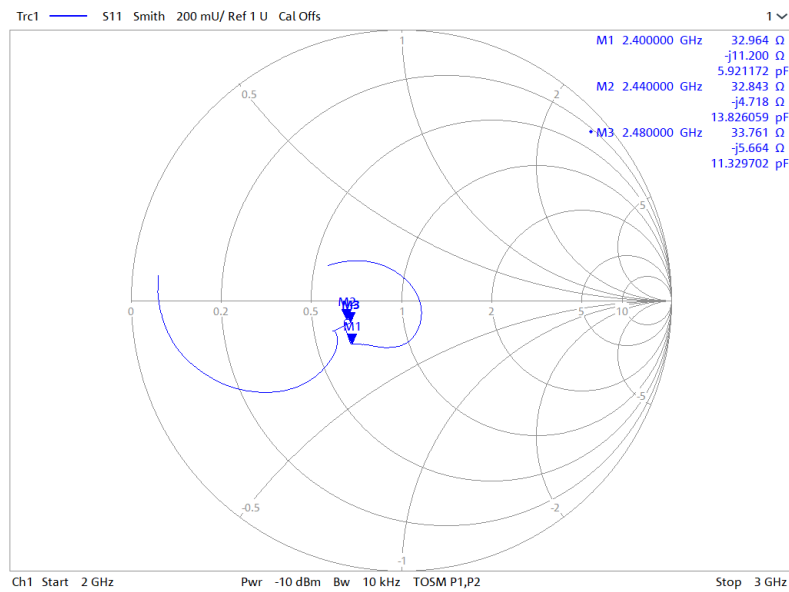
### nRF52833 QIAAB0 matching network

Impedance seen into the matching network with the chip in place

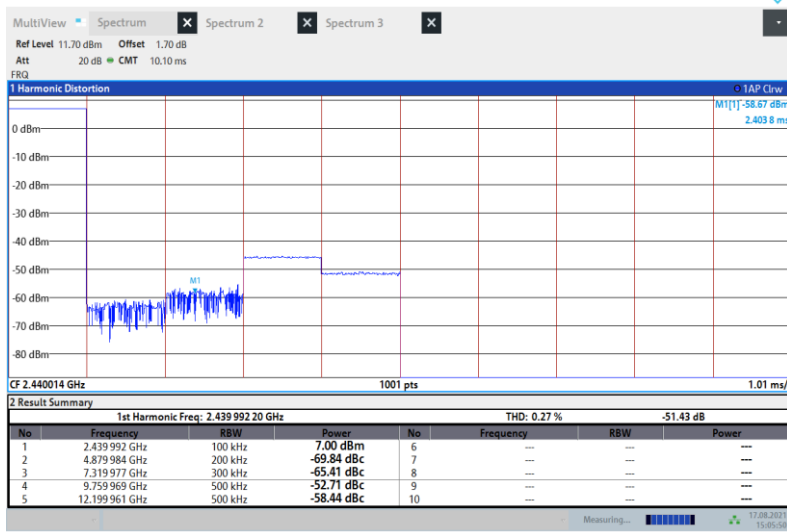
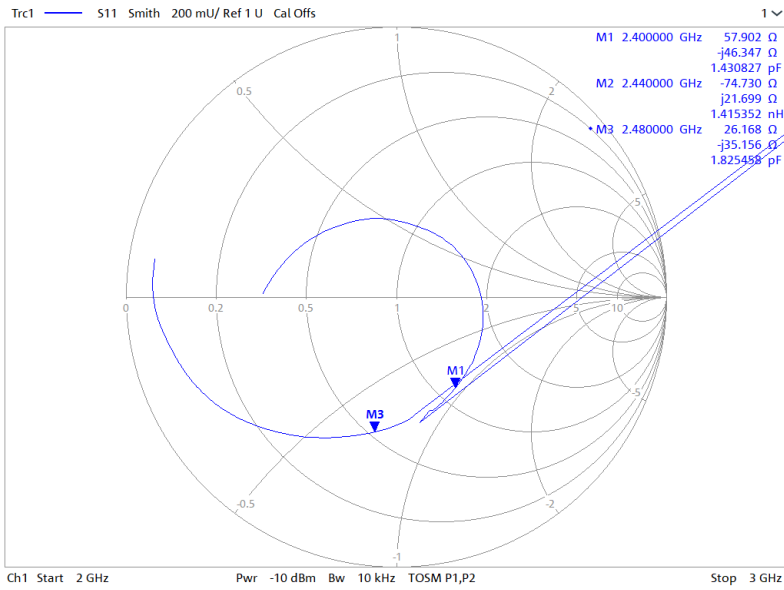
#### Power off



#### RX, 2440 MHz:



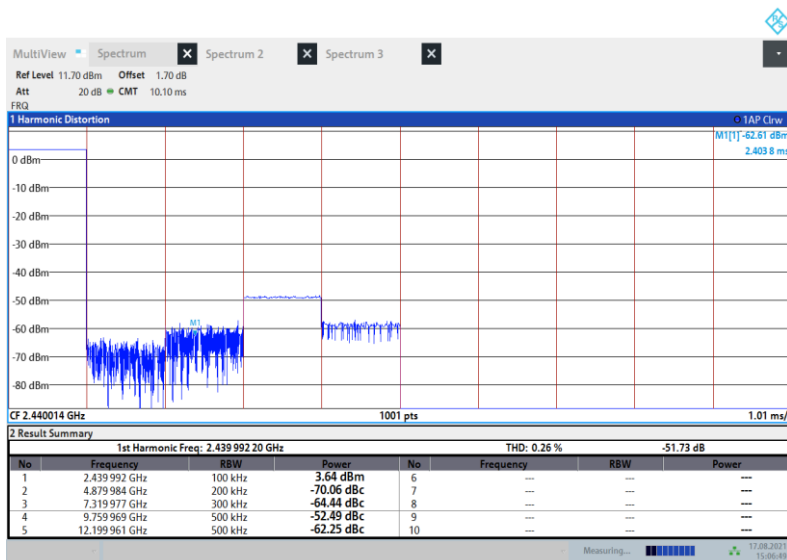
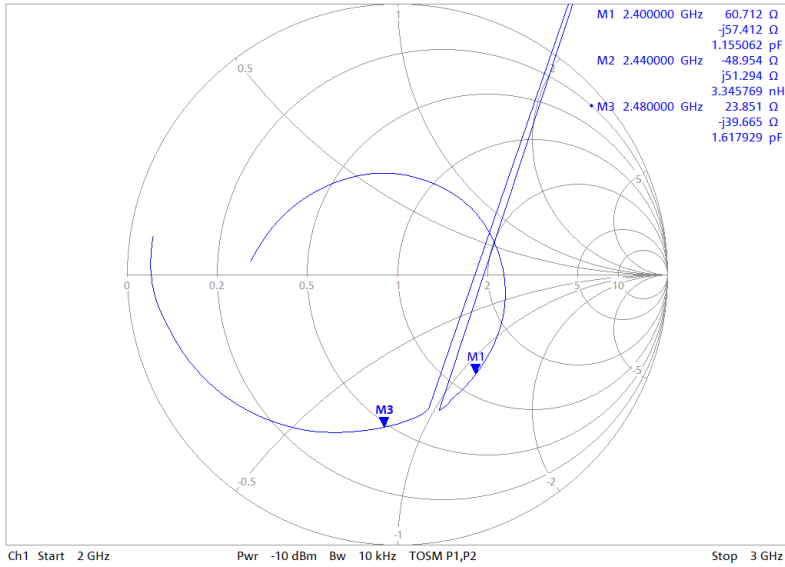
### TX, 8 dBm, 2440 MHz



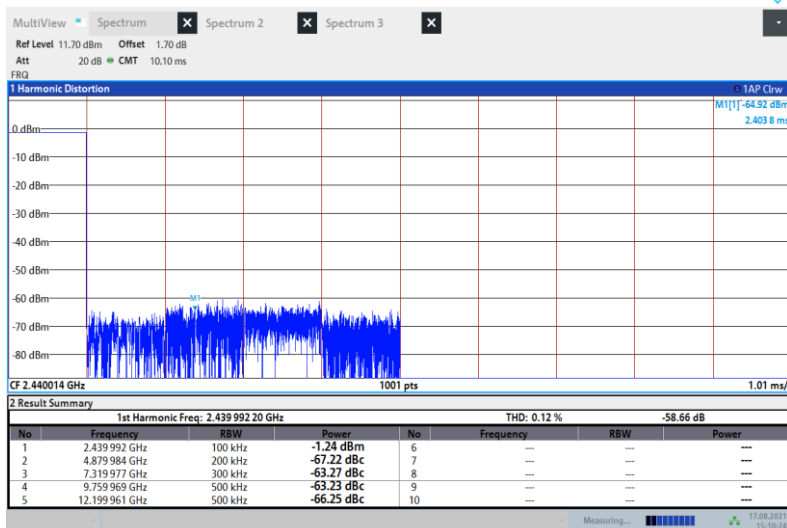
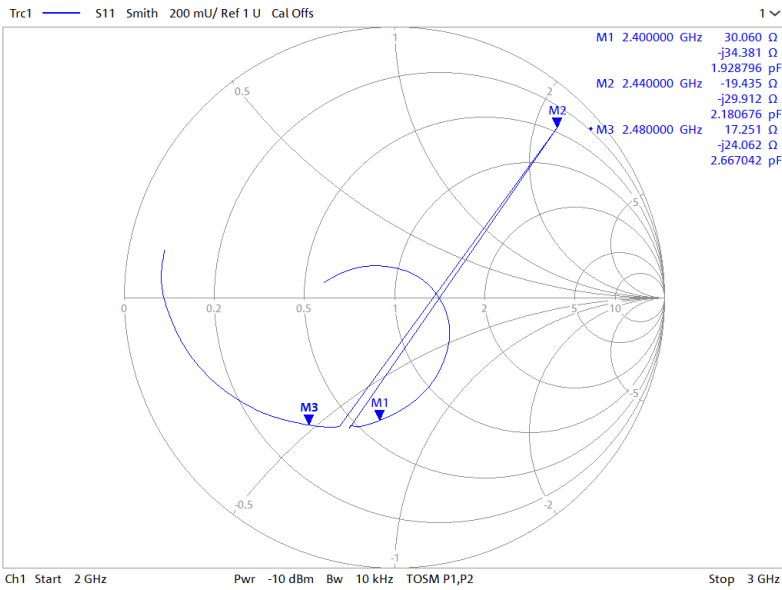
## TX, 4 dBm, 2440 MHz

Trc1 S11 Smith 200 mU/ Ref 1 U Cal Offs

1

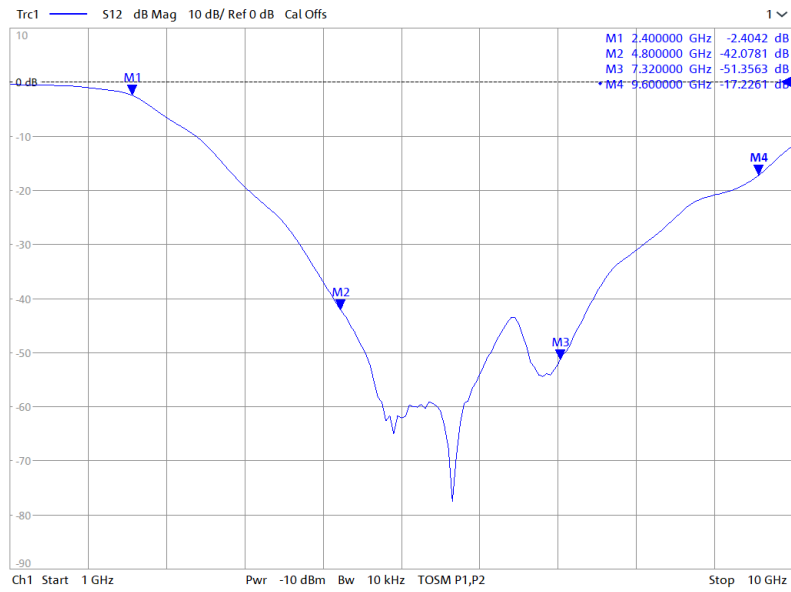


### TX, 0 dBm, 2440 MHz

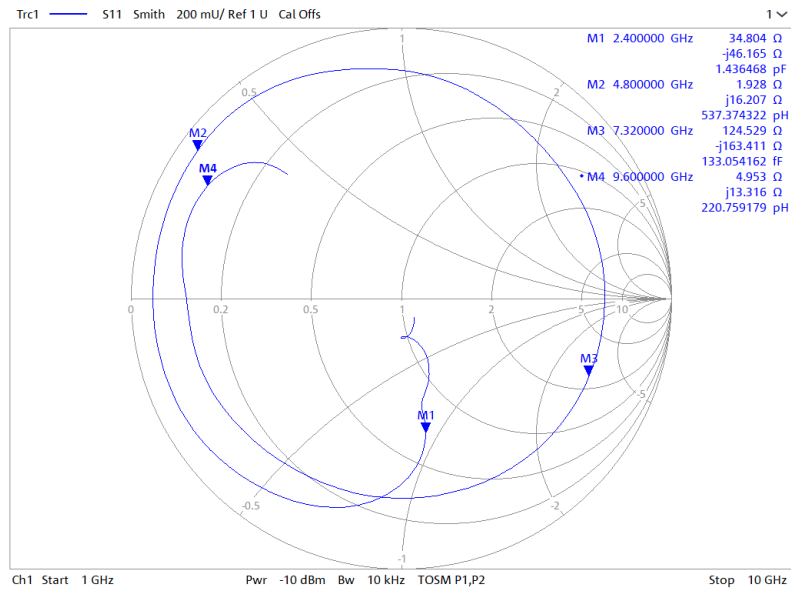


Matching network 2 port measurement. Port 1 = chip side, port 2 = antenna side

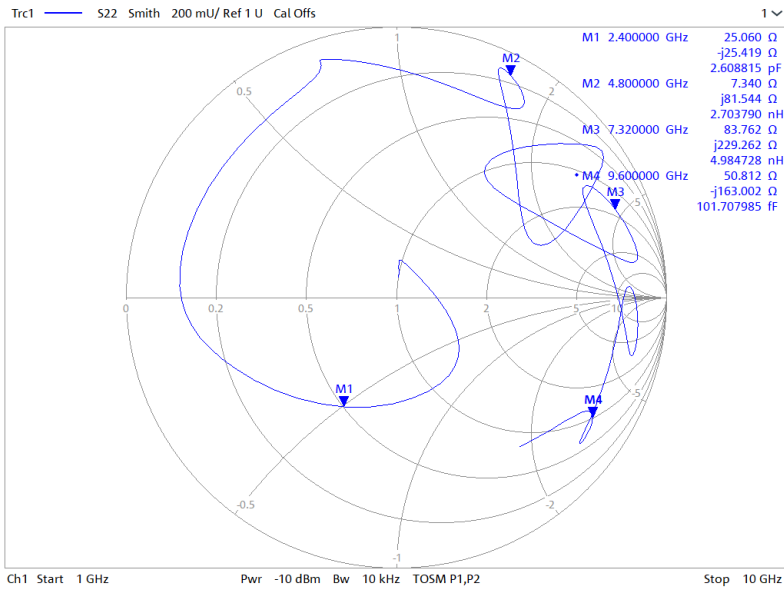
### S12



### S11



## S22



### Instruments:

Rohde&Schwarz

FSV3013

Cal date 2020-02

Spectrum analyzer

Rohde&Schwarz

ZNB20

Cal date 2021-06

Vector Network analyzer