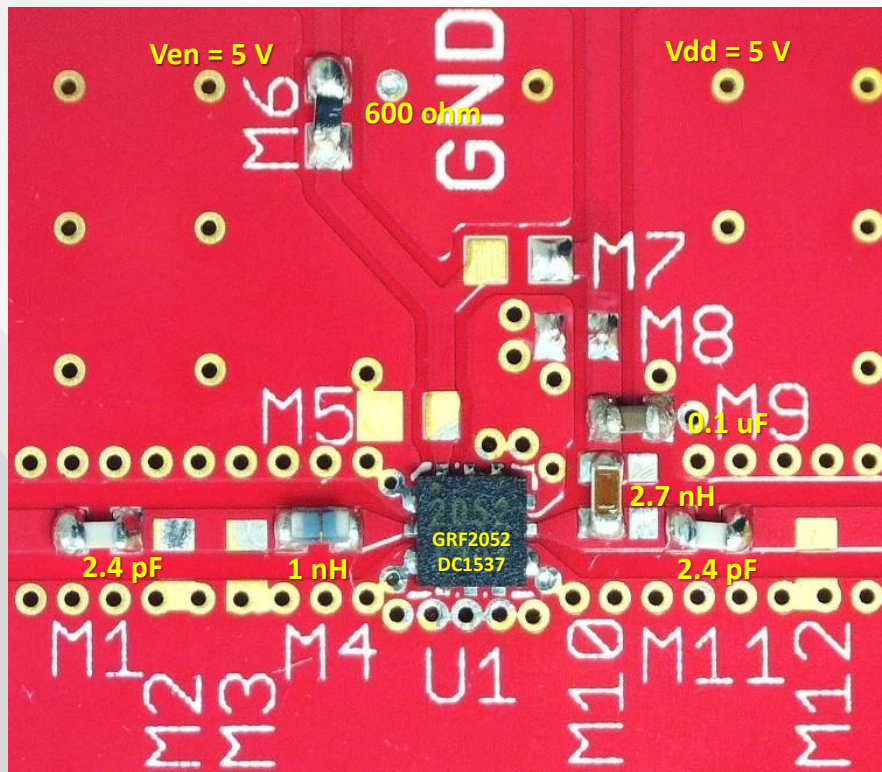


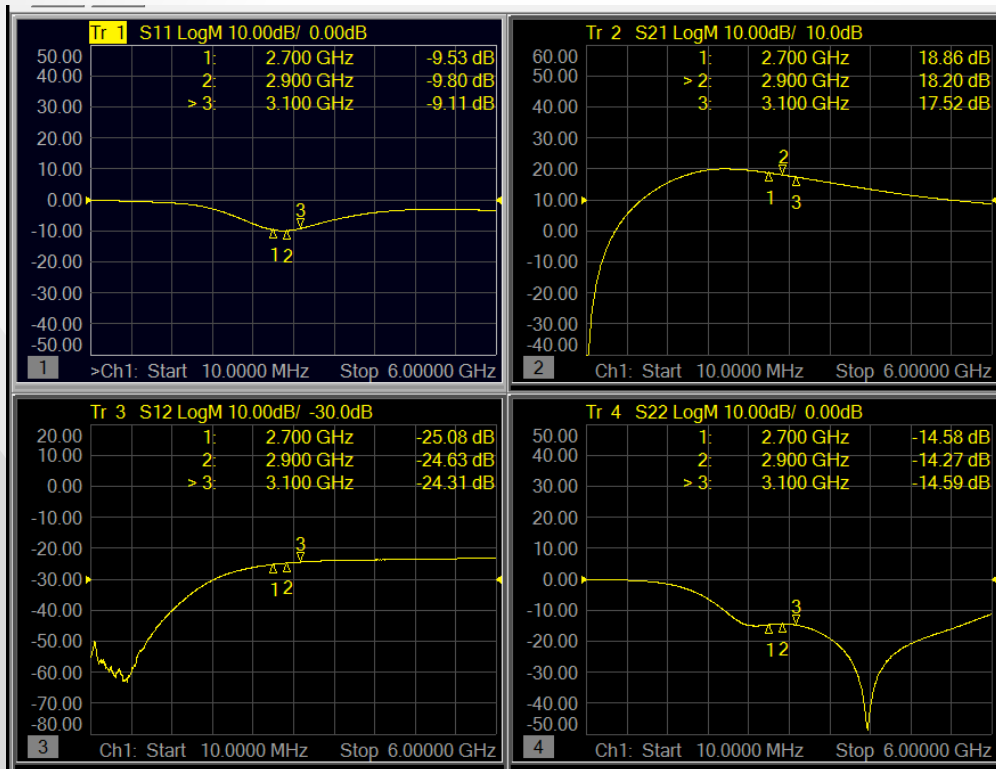


GRF2052 (2700 - 3100 MHz)

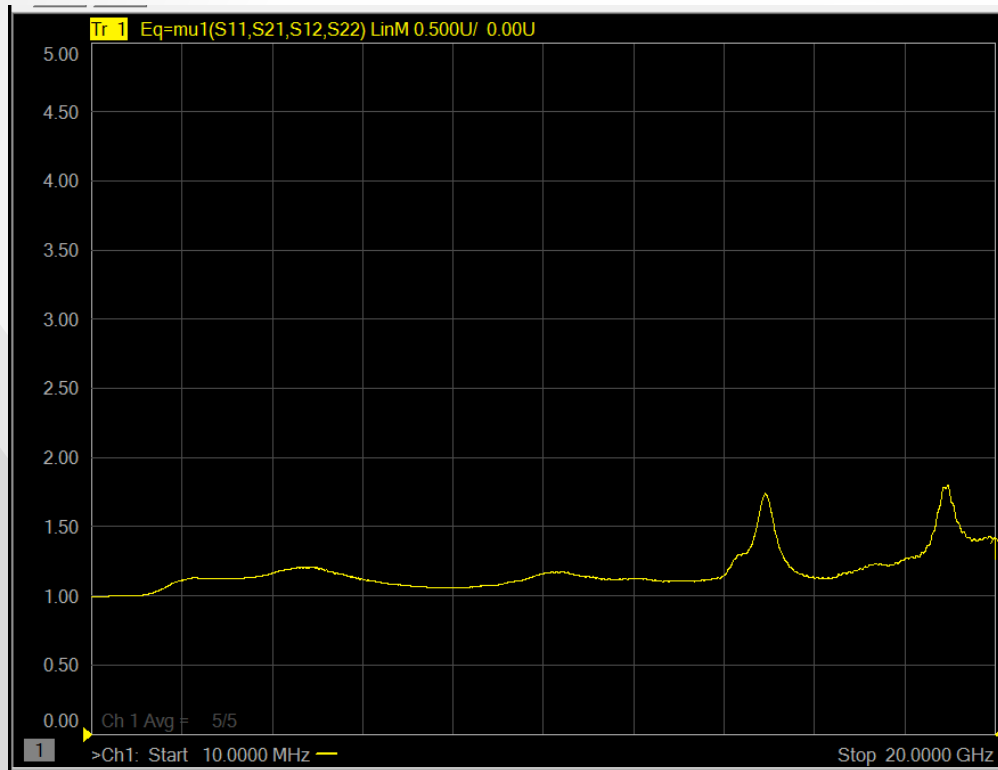
## GRF2052 Schematic:



# GRF2052 Response :



# GRF2052 Stability Mu Factor :



# GRF2052 Data :

| Descriptor | Freq MHz | Vdd | Iddq mA | Ven | Ien mA | Pin dBm | Pout/Ptone dBm | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | EVB NF dB |
|------------|----------|-----|---------|-----|--------|---------|----------------|---------|----------|----------|-----------|-----------|-----------|
| GRF2052_5V | 2700     | 5.0 | 74.3    | 5.0 | 3.9    | -15.9   | 2.96           | 18.9    | 17.54    | 36.44    | 3         | 21.08     | 0.45      |
| GRF2052_5V | 2900     | 5.0 | 74.1    | 5.0 | 4.0    | -15.3   | 3.00           | 18.28   | 18.36    | 36.64    | 3.7       | 21.21     | 0.45      |
| GRF2052_5V | 3100     | 5.0 | 74.0    | 5.0 | 3.9    | -14.6   | 2.99           | 17.64   | 19.73    | 37.37    | 4.4       | 21.23     | 0.43      |



**Jeff Broxson**

*Vice President - Sales*

Phone (336) 339-9314

[jbroxson@guerrilla-rf.com](mailto:jbroxson@guerrilla-rf.com)

**Alan Ake**

*Vice President - Applications/Technical Marketing*

Phone (336) 708-4581

[aake@guerrilla-rf.com](mailto:aake@guerrilla-rf.com)

**Guerrilla RF**

1196 Pleasant Ridge Road, Suite 5  
Greensboro, NC 27409

Phone: (336) 510-7840

[www.guerrilla-rf.com](http://www.guerrilla-rf.com)