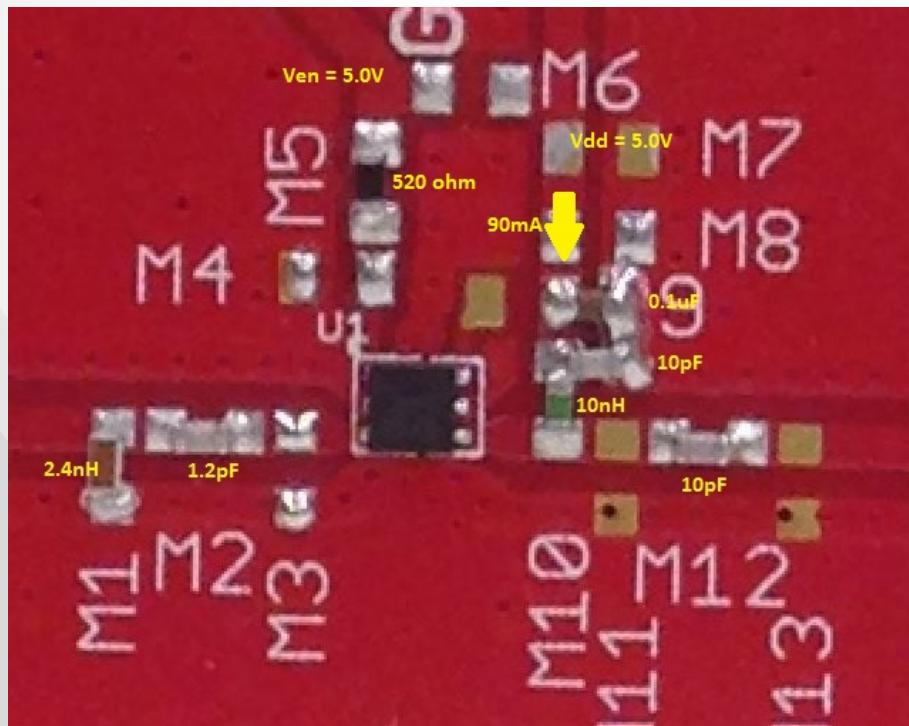


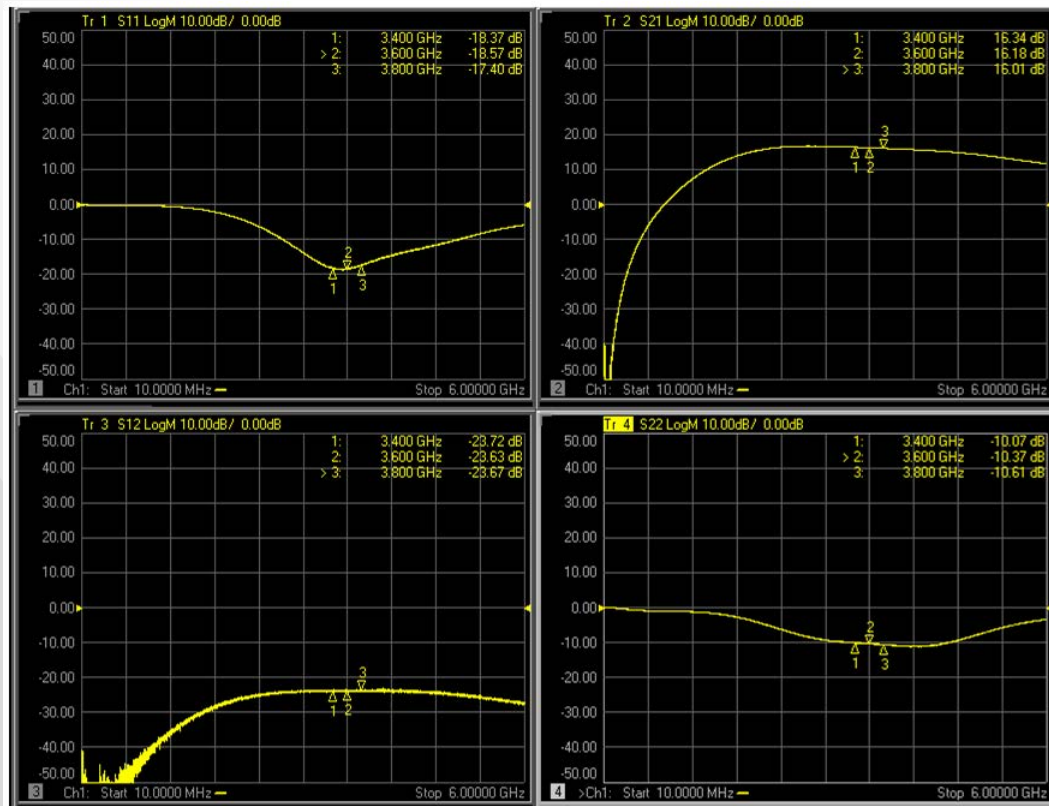


GRF2013 (3400 - 3800 MHz)

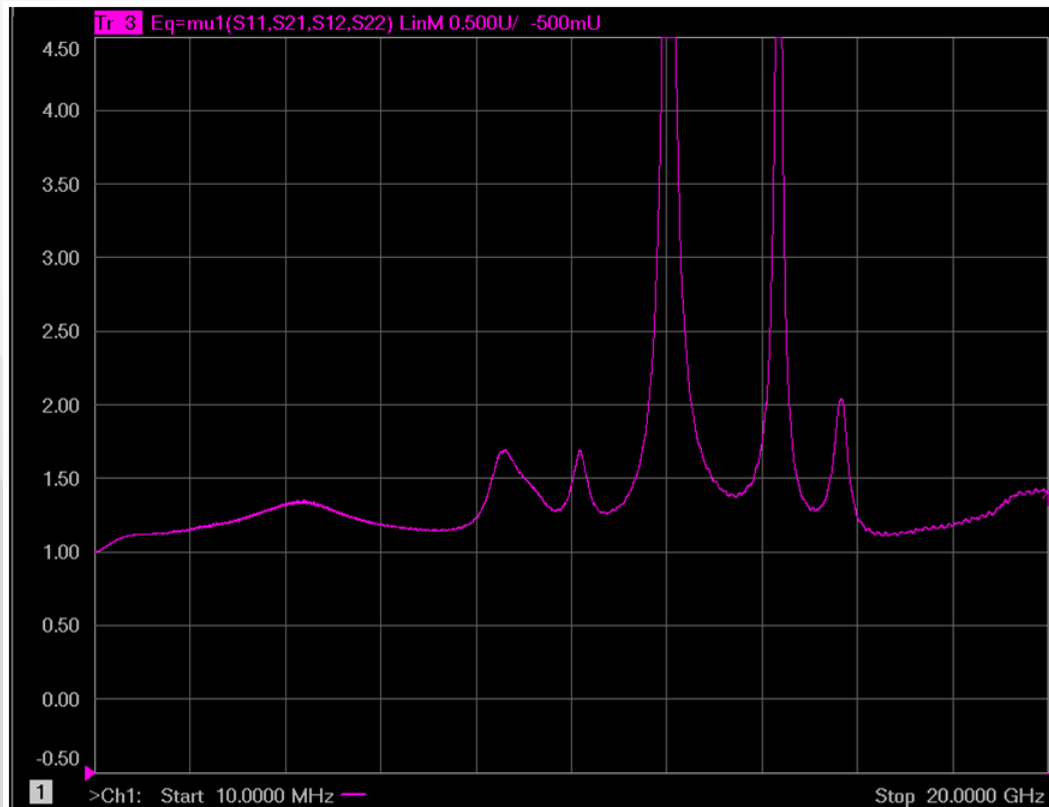
# GRF2013 Schematic:



# GRF2013 Response:



# GRF2013 Stability Mu Factor:



# GRF2013 Data:

| Descriptor | Freq MHz | Vdd | Iddq mA | Ven | Ien mA | Pout/Ptone dBm | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | Efficiency @ P1dB % | EVB NF dB |
|------------|----------|-----|---------|-----|--------|----------------|---------|----------|----------|-----------|-----------|---------------------|-----------|
| 5.0V/90mA  | 3400     | 5.0 | 91.4    | 5.0 | 5.2    | 4.0            | 16.4    | 20.2     | 36.6     | 8.1       | 23.4      | 46.4                | 1.50      |
| 5.0V/90mA  | 3600     | 5.0 | 91.4    | 5.0 | 5.2    | 4.0            | 16.2    | 20.7     | 36.9     | 8.2       | 23.4      | 46.0                | 1.53      |
| 5.0V/90mA  | 3800     | 5.0 | 91.4    | 5.0 | 5.2    | 4.0            | 16.1    | 20.8     | 36.9     | 8.1       | 23.1      | 43.4                | 1.68      |



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