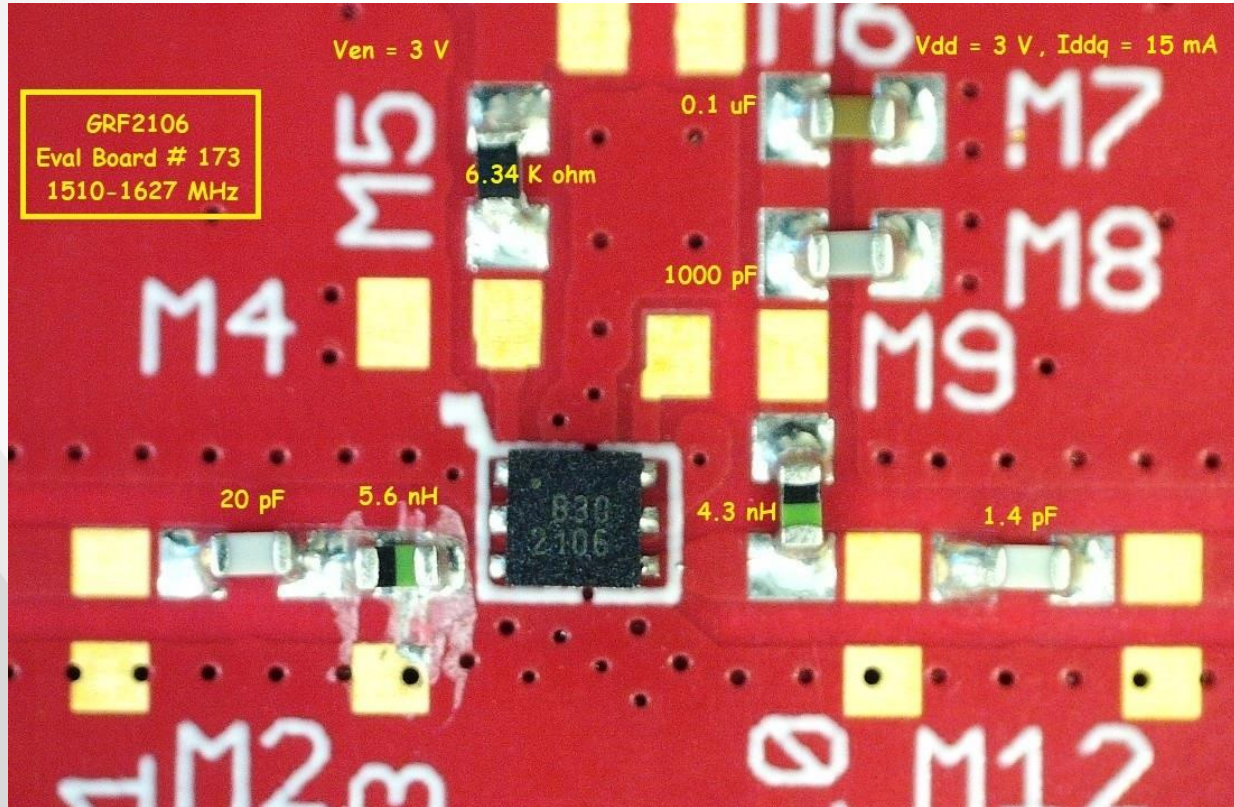




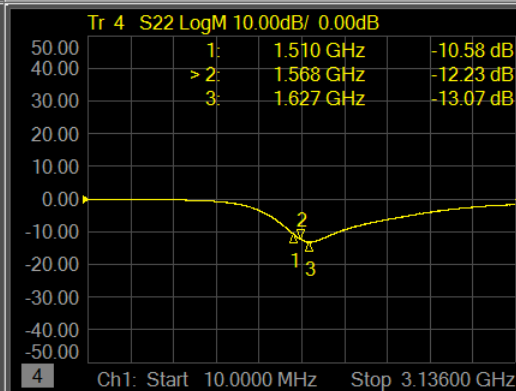
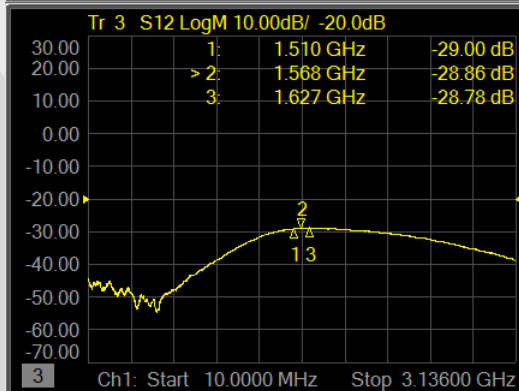
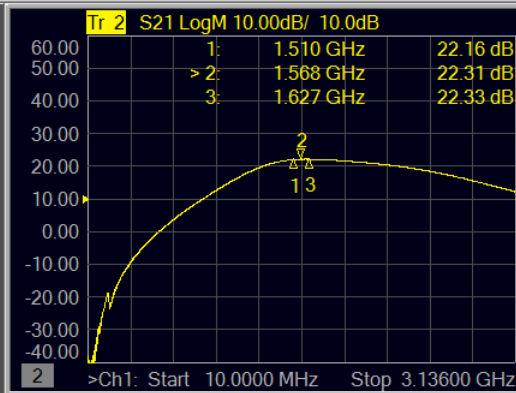
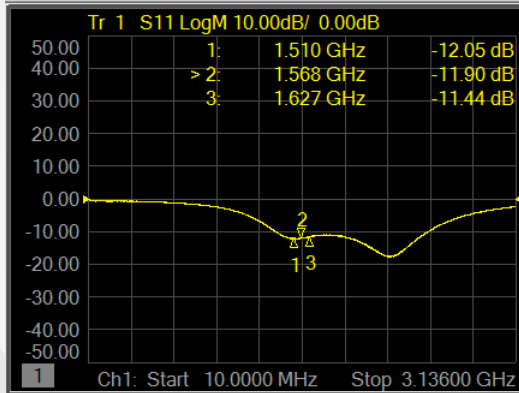
GRF2106 (1510 - 1627 MHz)

Evaluation Board # 173

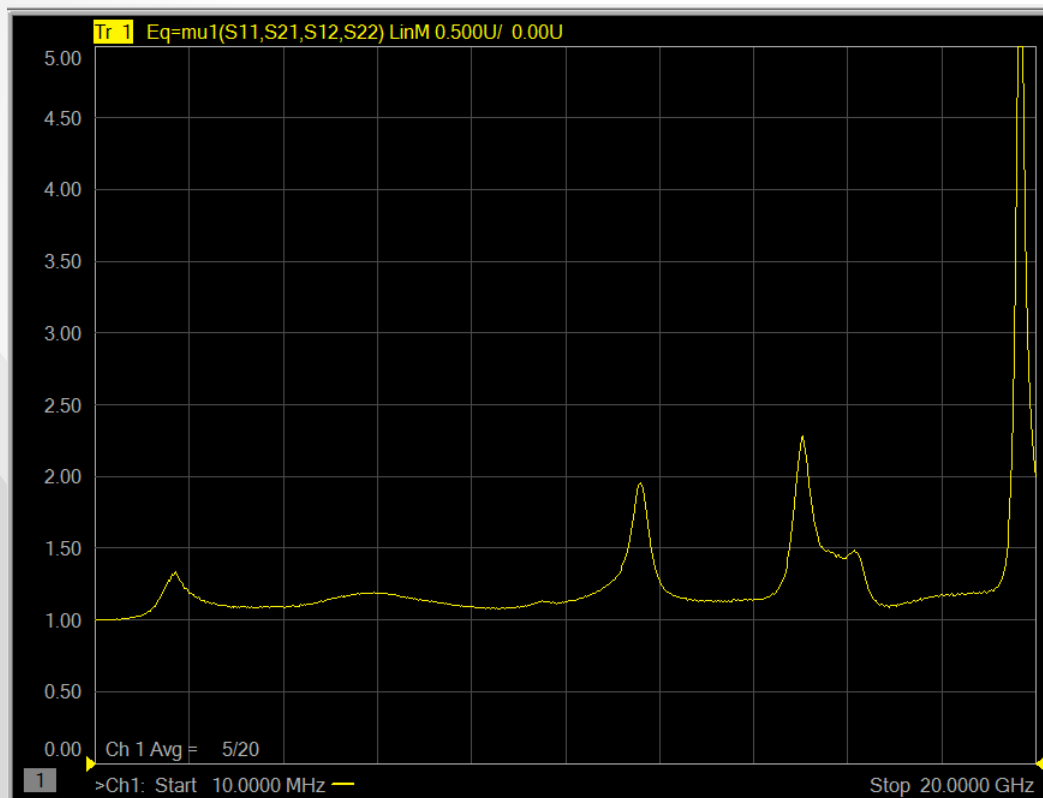
GRF2106 Schematic:



GRF2106 Response:



GRF2106 Stability Mu Factor:



GRF2106 Data:

| Descriptor | Freq MHz | Vdd | Iddq mA | Ven | Ien mA | Pout/Ptone dBm | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | NF |
|-----------------------|----------|-----|---------|-----|--------|----------------|---------|----------|----------|-----------|-----------|------|
| GRF2106_Eval # 173_3V | 1510 | 3.0 | 15.0 | 3.0 | 0.8 | -3.0 | 22.1 | 1.3 | 23.4 | -9.8 | 11.2 | 0.88 |
| GRF2106_Eval # 173_3V | 1568 | 3.0 | 15.0 | 3.0 | 0.8 | -3.0 | 22.3 | 1.8 | 24.1 | -9.7 | 11.5 | 0.89 |
| GRF2106_Eval # 173_3V | 1627 | 3.0 | 15.0 | 3.0 | 0.8 | -3.0 | 22.3 | 2.0 | 24.3 | -9.7 | 11.6 | 0.92 |
| Descriptor | Freq MHz | Vdd | Iddq mA | Ven | Ien mA | Pout/Ptone dBm | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | NF |
| GRF2106_Eval # 173_4V | 1510 | 4.0 | 16.2 | 3.0 | 0.8 | -3.0 | 22.1 | 1.9 | 24.0 | -7.5 | 13.5 | x |
| GRF2106_Eval # 173_4V | 1568 | 4.0 | 16.2 | 3.0 | 0.8 | -3.0 | 22.3 | 2.3 | 24.6 | -7.5 | 13.8 | x |
| GRF2106_Eval # 173_4V | 1627 | 4.0 | 16.2 | 3.0 | 0.8 | -3.0 | 22.3 | 2.1 | 24.5 | -7.5 | 13.8 | x |
| Descriptor | Freq MHz | Vdd | Iddq mA | Ven | Ien mA | Pout/Ptone dBm | Gain dB | IIP3 dBm | OIP3 dBm | IP1dB dBm | OP1dB dBm | NF |
| GRF2106_Eval # 173_5V | 1510 | 5.0 | 17.7 | 3.0 | 0.8 | -3.0 | 22.2 | 2.5 | 24.7 | -6.5 | 14.6 | x |
| GRF2106_Eval # 173_5V | 1568 | 5.0 | 17.7 | 3.0 | 0.8 | -3.0 | 22.4 | 2.7 | 25.1 | -6.7 | 14.7 | x |
| GRF2106_Eval # 173_5V | 1627 | 5.0 | 17.7 | 3.0 | 0.8 | -3.0 | 22.4 | 2.6 | 25.0 | -6.7 | 14.7 | x |



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