

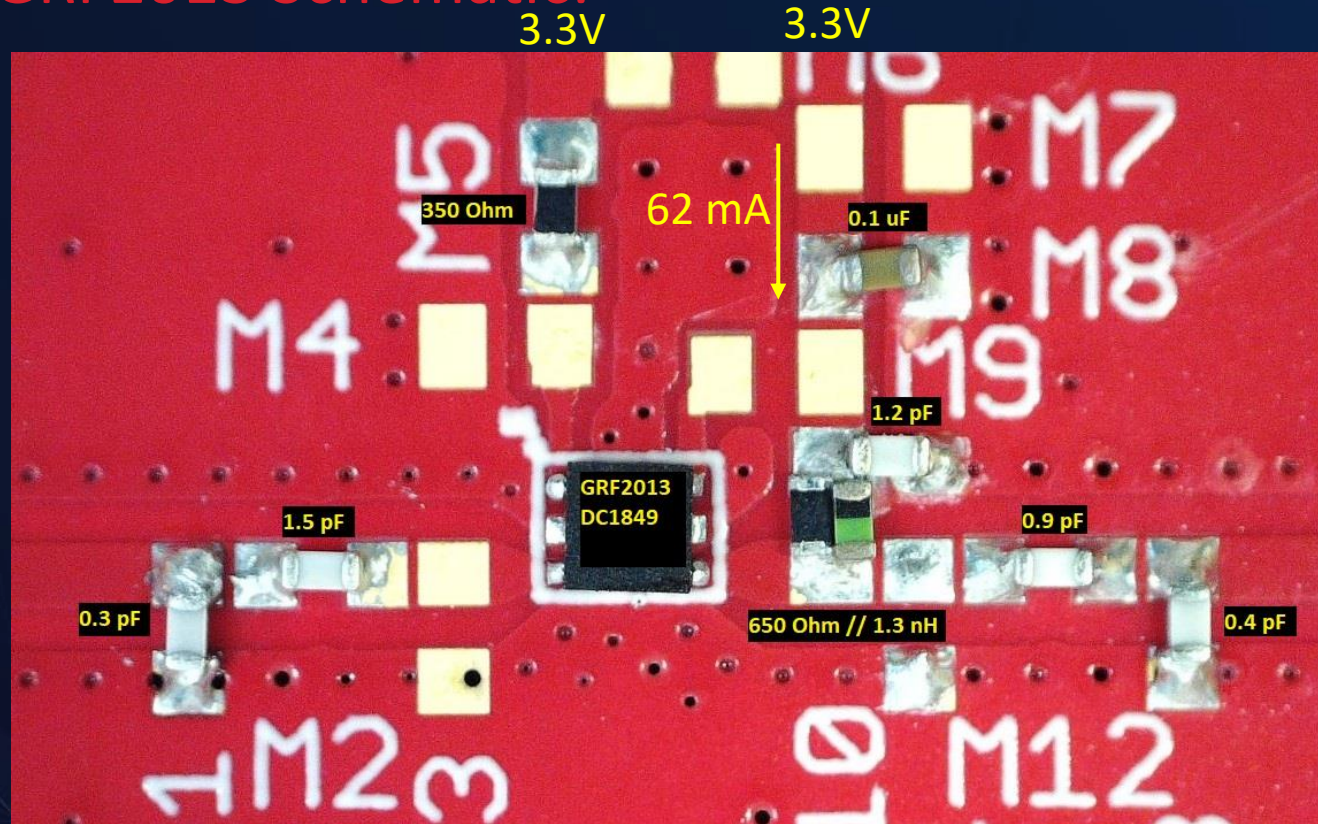


GRF2013 (5000 - 7200 MHz)

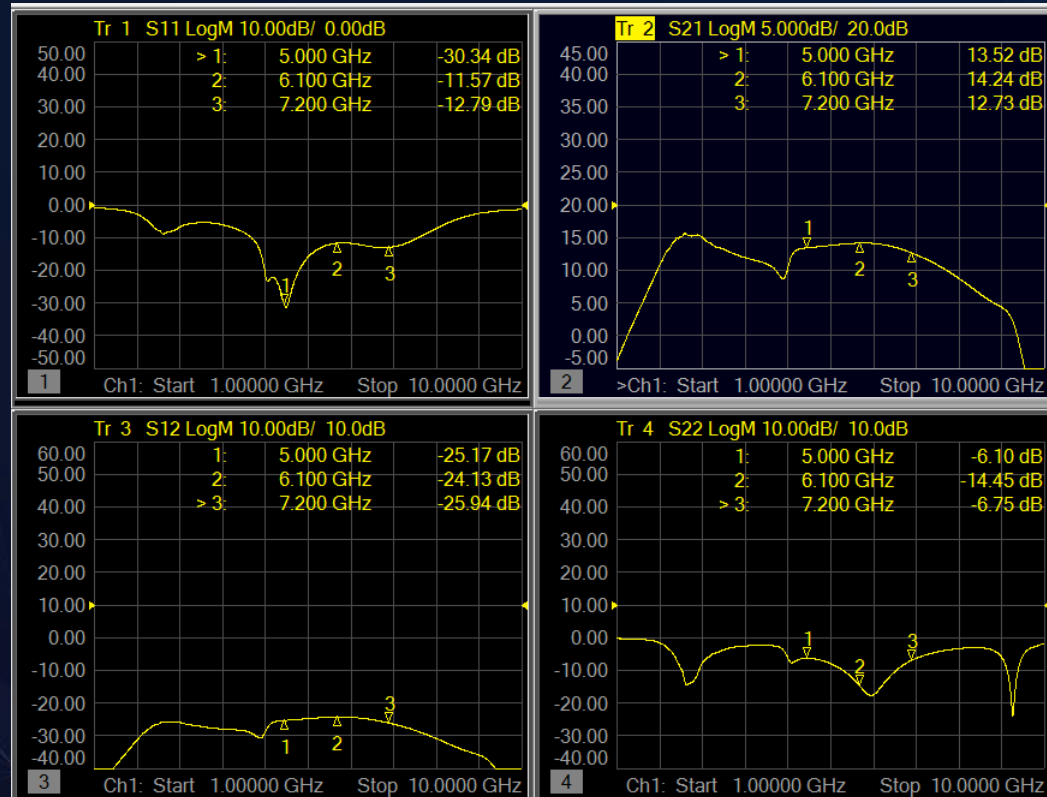
GRF400X\_RevC

9/13/2021

# GRF2013 Schematic:

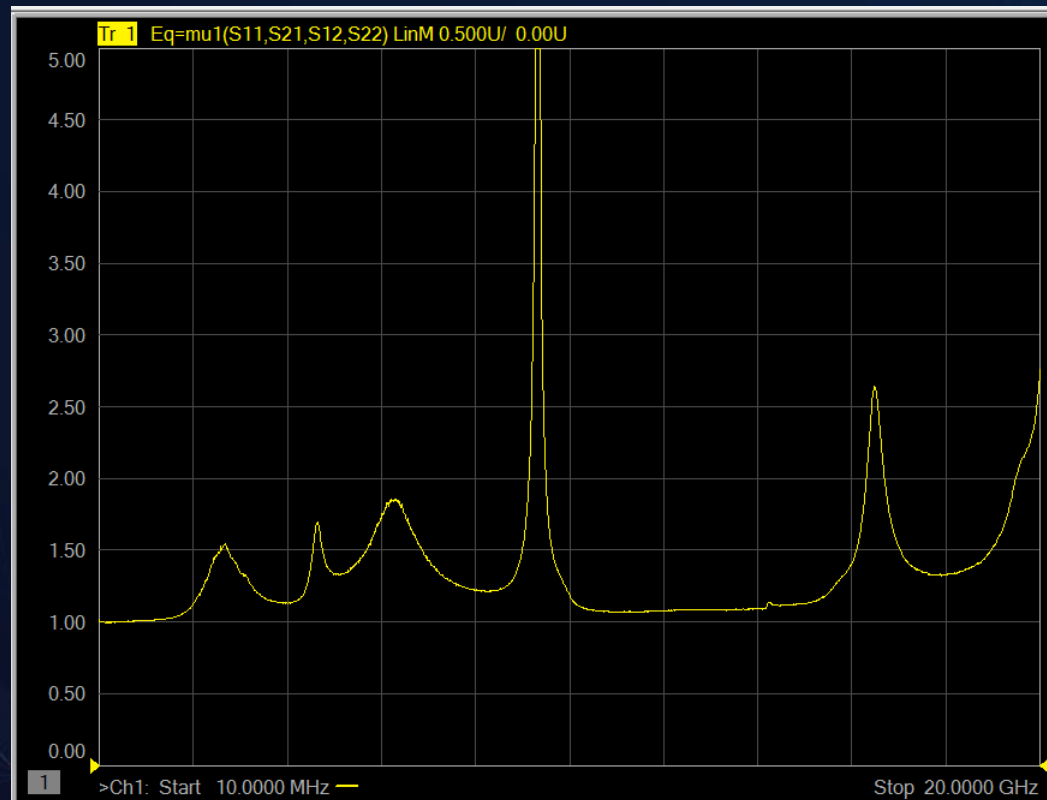


# GRF2013 Response:

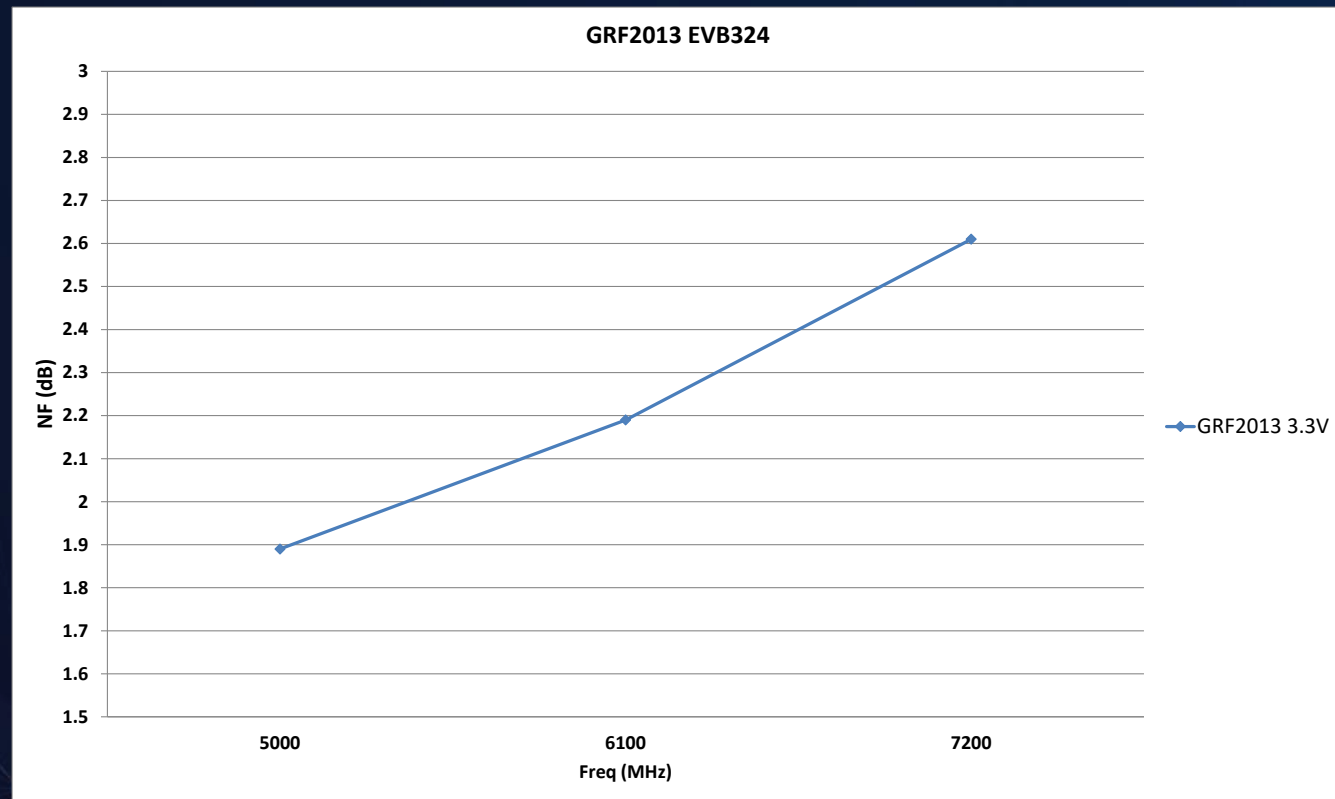




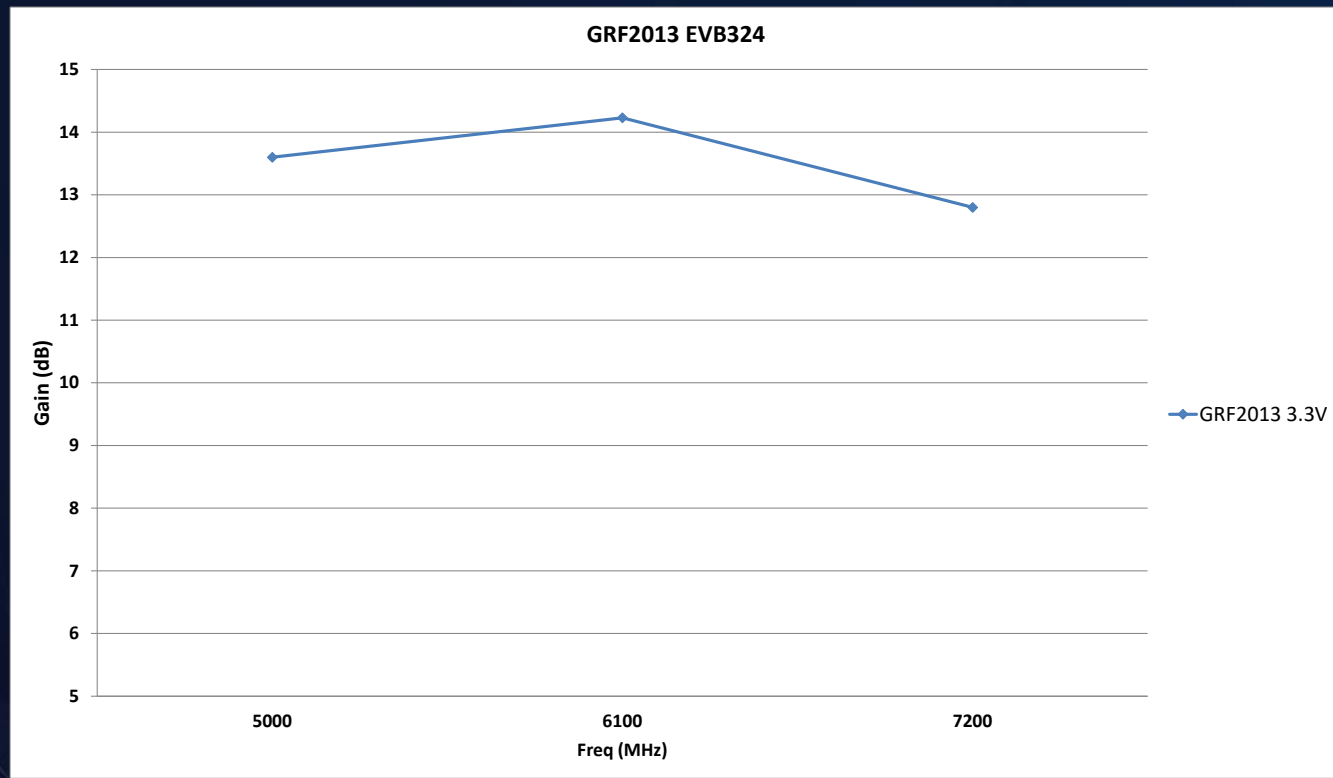
# GRF2013 Stability Mu Factor:



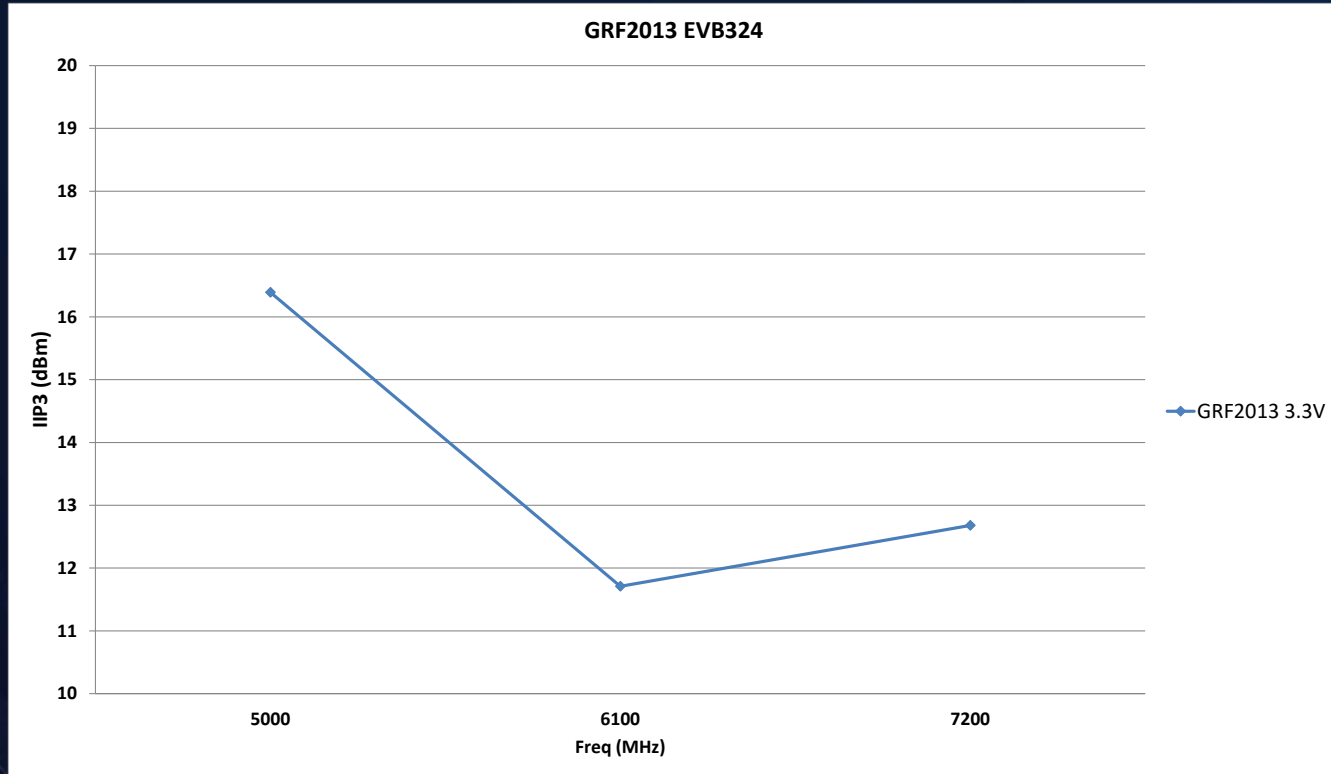
# GRF2013 Data: Evaluation Board NF



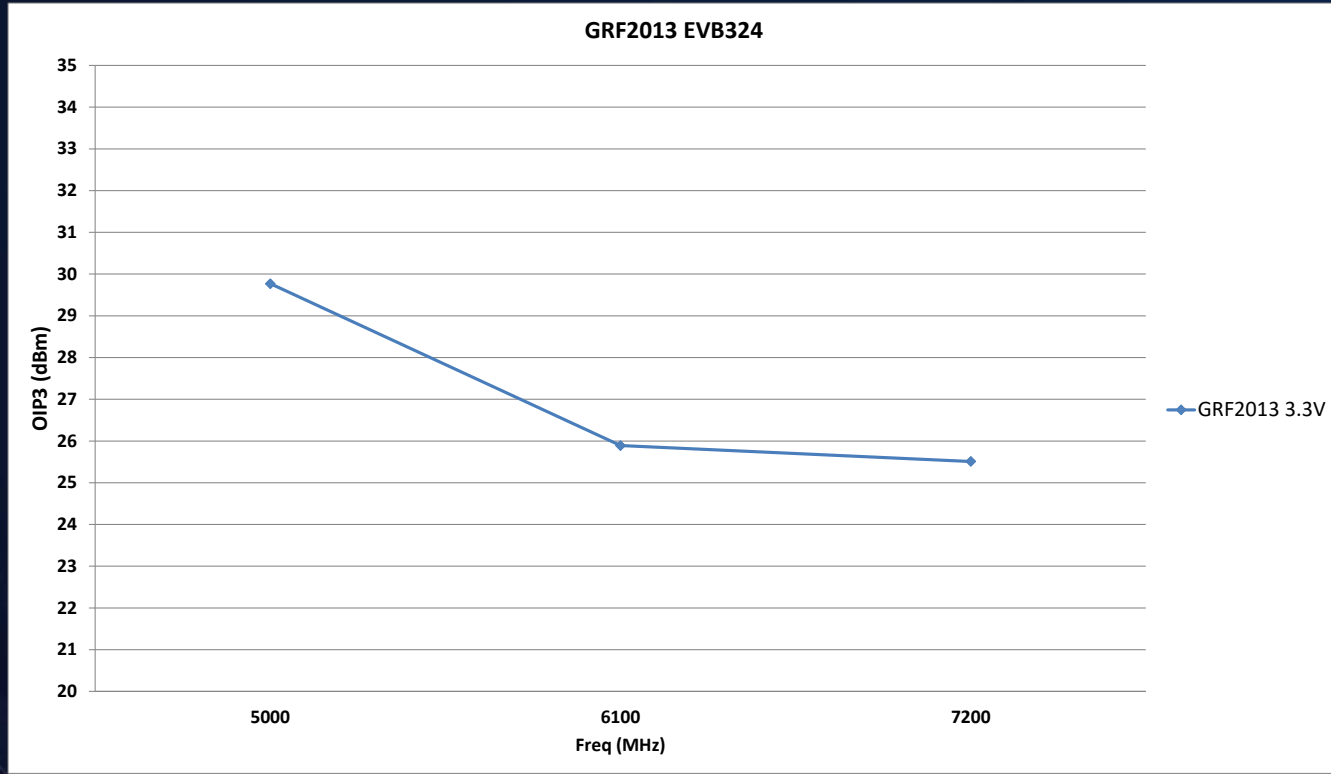
# GRF2013 Data: Gain



# GRF2013 Data: IIP3, -7dBm per input tone

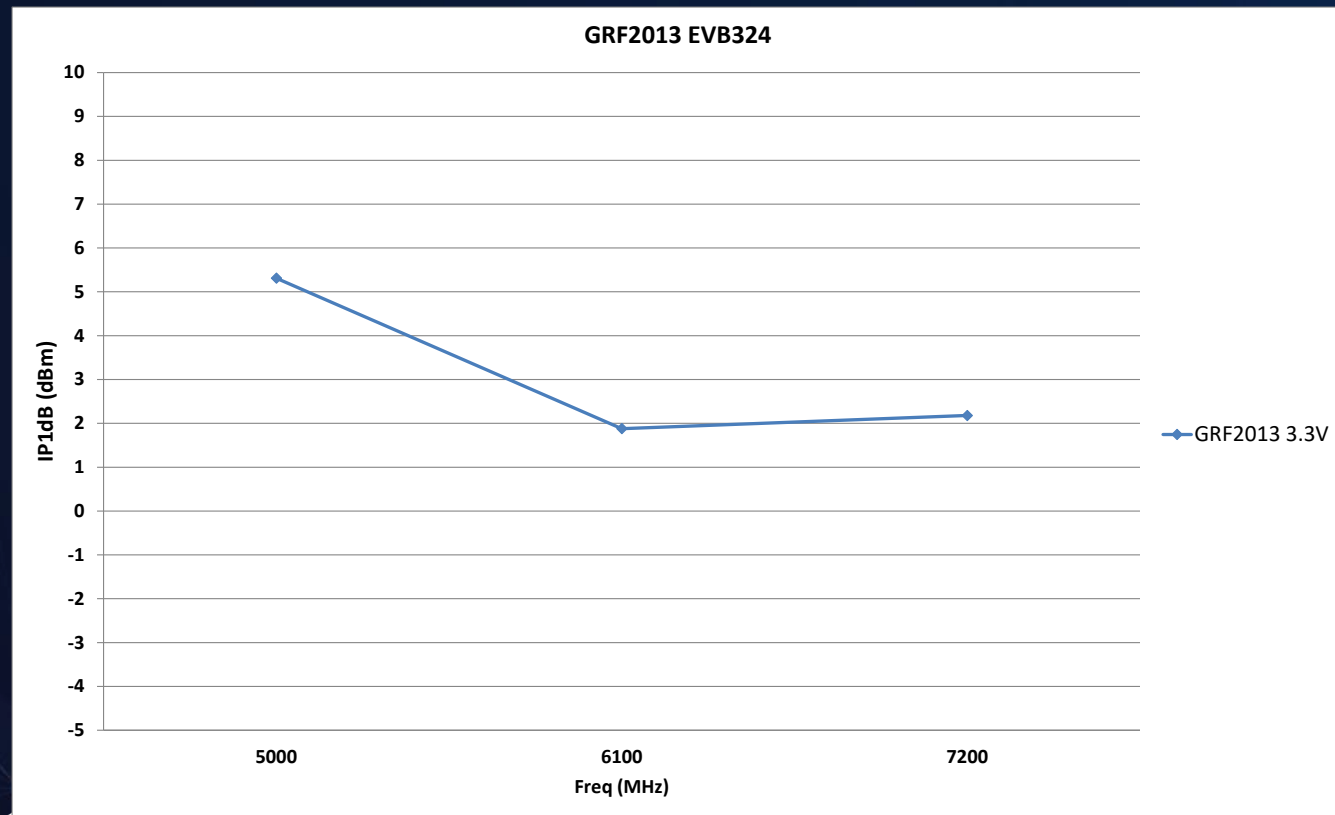


# GRF2013 Data: OIP3, -7dBm per input tone

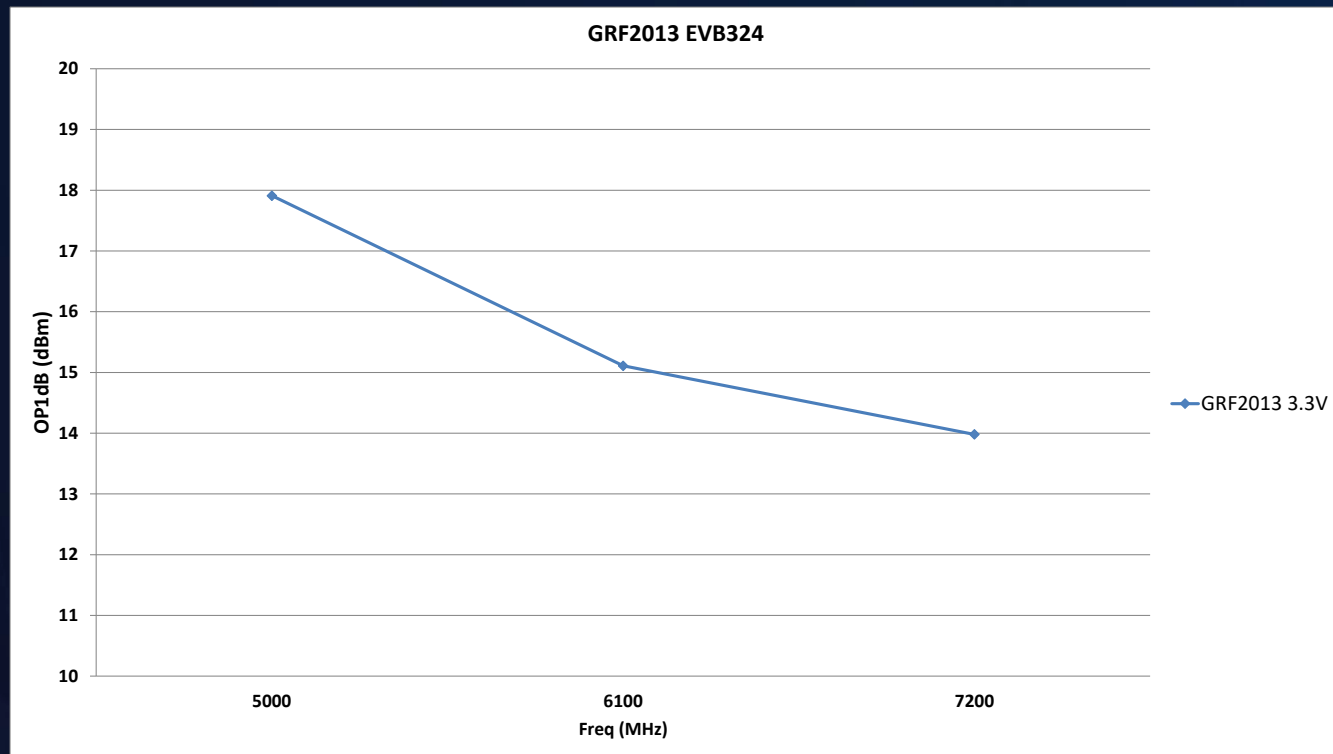




# GRF2013 Data: IP1dB



# GRF2013 Data: OP1dB



## GRF2013 Data:

| Description  | Frequency (MHz) | Vdd | Iddq (mA) | Ven | TwoTone Pin (dBm) | Gain (dB) | IIP3 (dBm) | OIP3 (dBm) | IP1dB (dBm) | OP1dB (dBm) | NF   |
|--------------|-----------------|-----|-----------|-----|-------------------|-----------|------------|------------|-------------|-------------|------|
| GRF2013 3.3V | 5000            | 3.3 | 62        | 3.3 | -7                | 13.6      | 16.39      | 29.77      | 5.31        | 17.91       | 1.89 |
| GRF2013 3.3V | 6100            | 3.3 | 62        | 3.3 | -7                | 14.23     | 11.71      | 25.89      | 1.88        | 15.11       | 2.19 |
| GRF2013 3.3V | 7200            | 3.3 | 62        | 3.3 | -7                | 12.8      | 12.68      | 25.51      | 2.18        | 13.98       | 2.61 |





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