



GRF2052 (1700 – 2200 MHz)

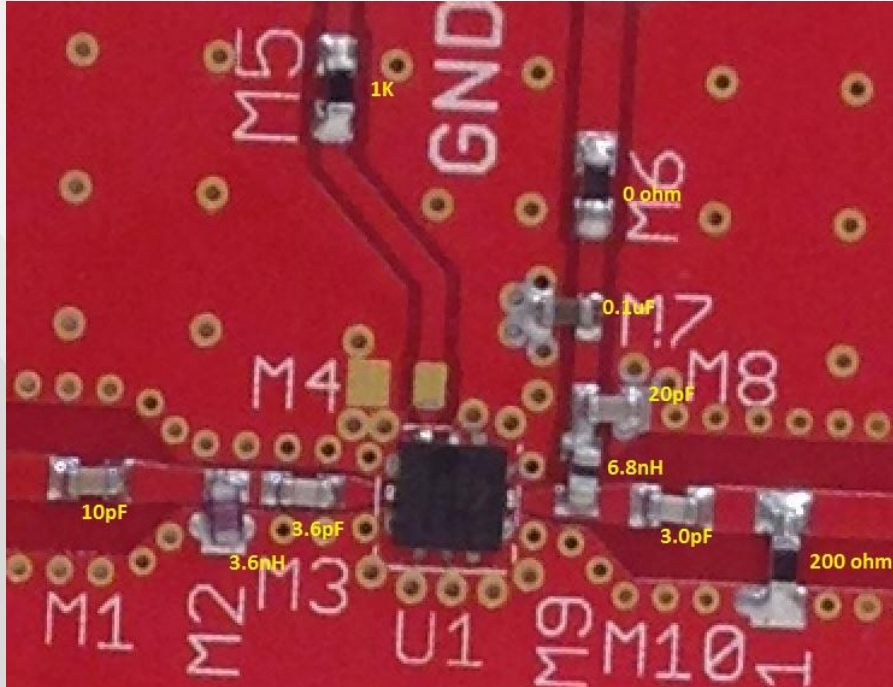
Discussion:

GRF2052 evaluated as per shown bias condition:

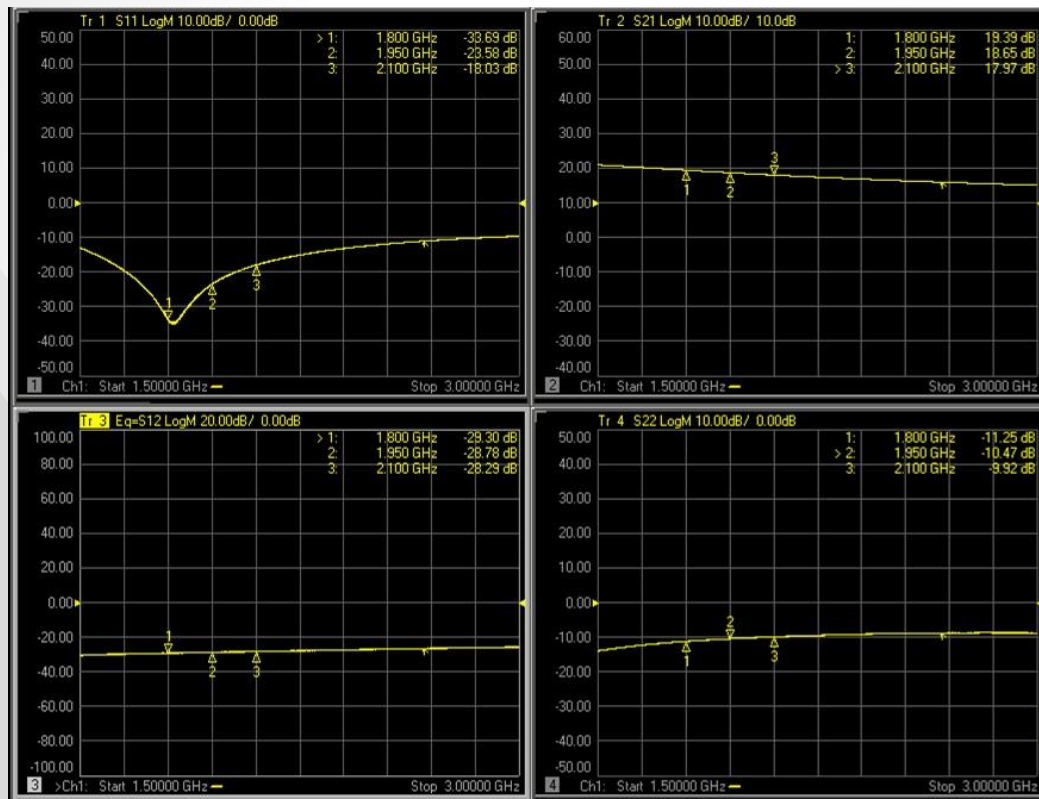
Bias Condition	Freq MHz	Vdd V	Iddq mA	Ven V	Ien mA
GRF2052 5.0V/70mA	1700 - 2200	5	70	5	3.5

Device input match has been optimized for $S_{11} \leq -18$ dB

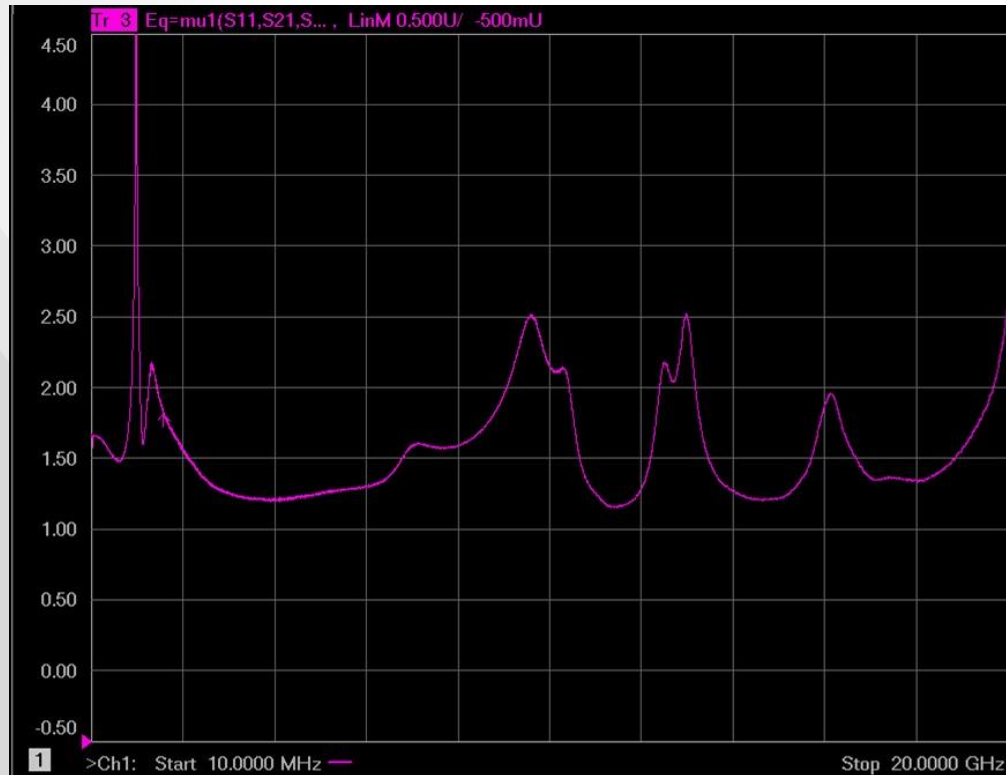
GRF2052 Schematic:



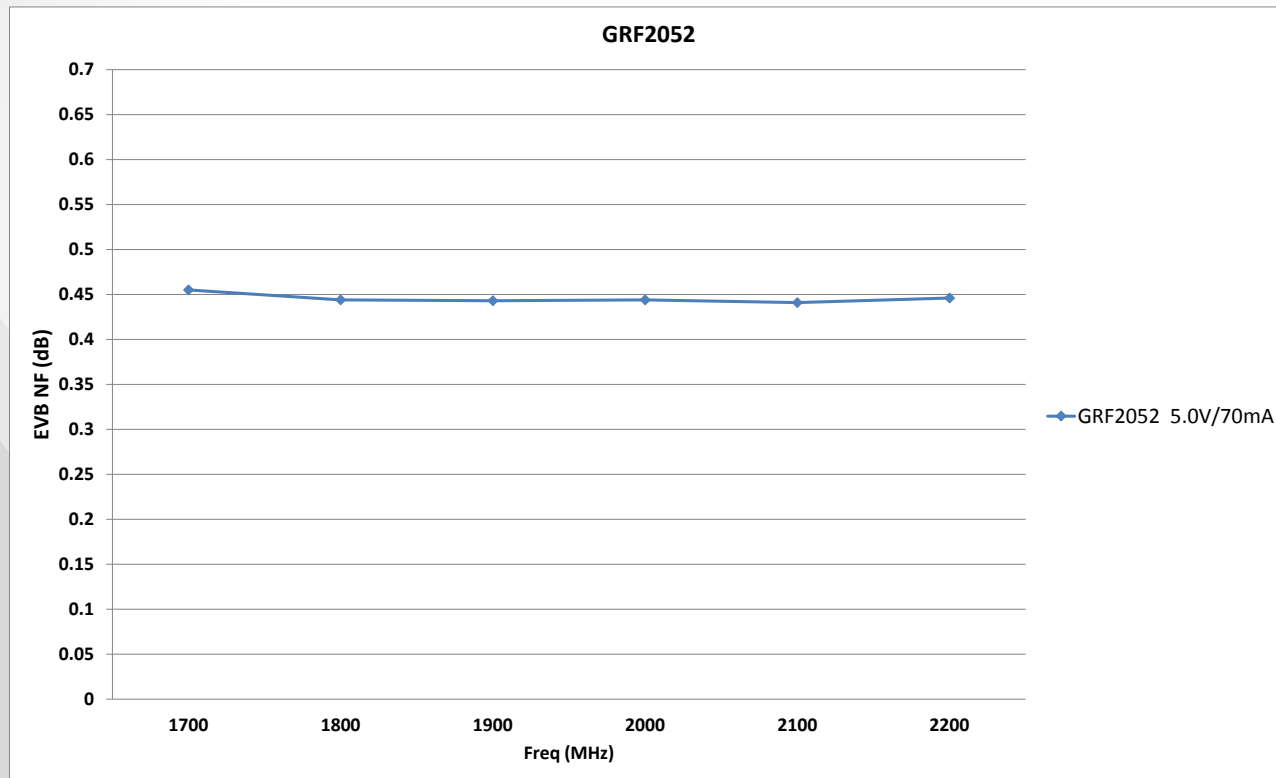
GRF2052 Response:



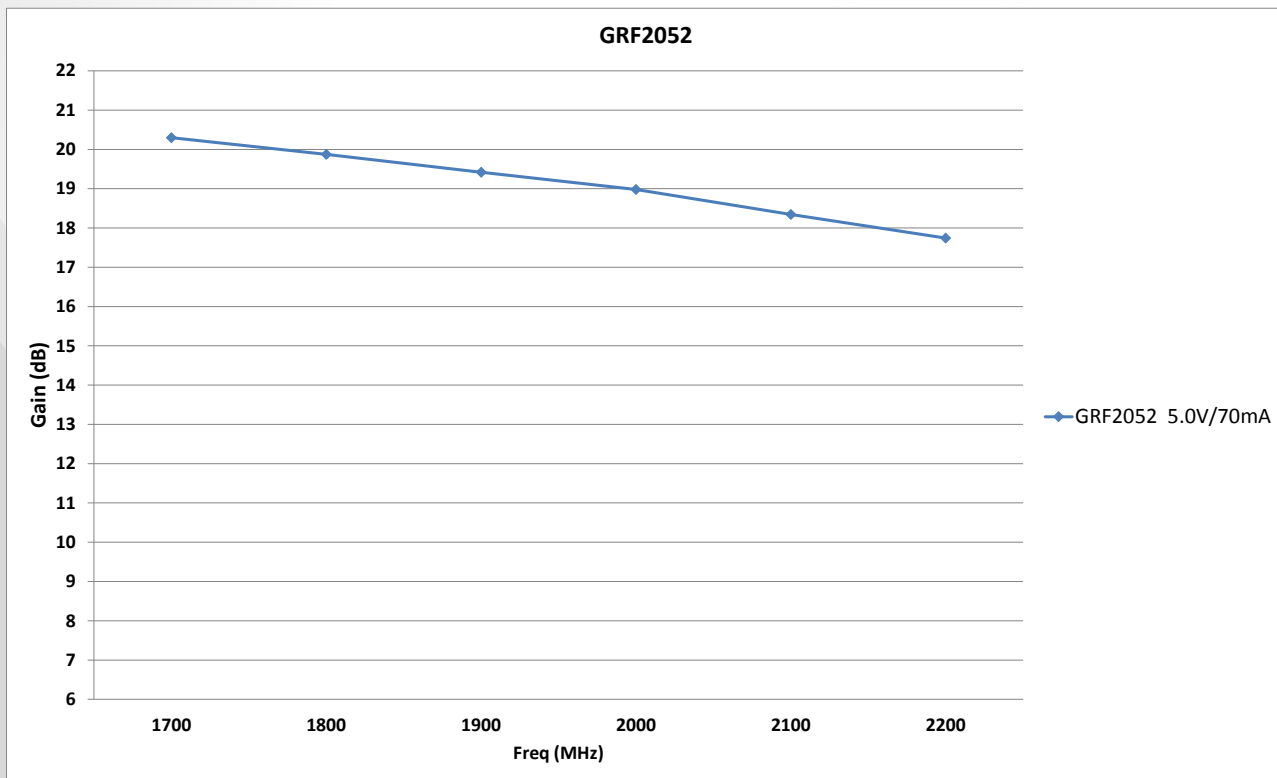
GRF2052 Stability Mu Factor:



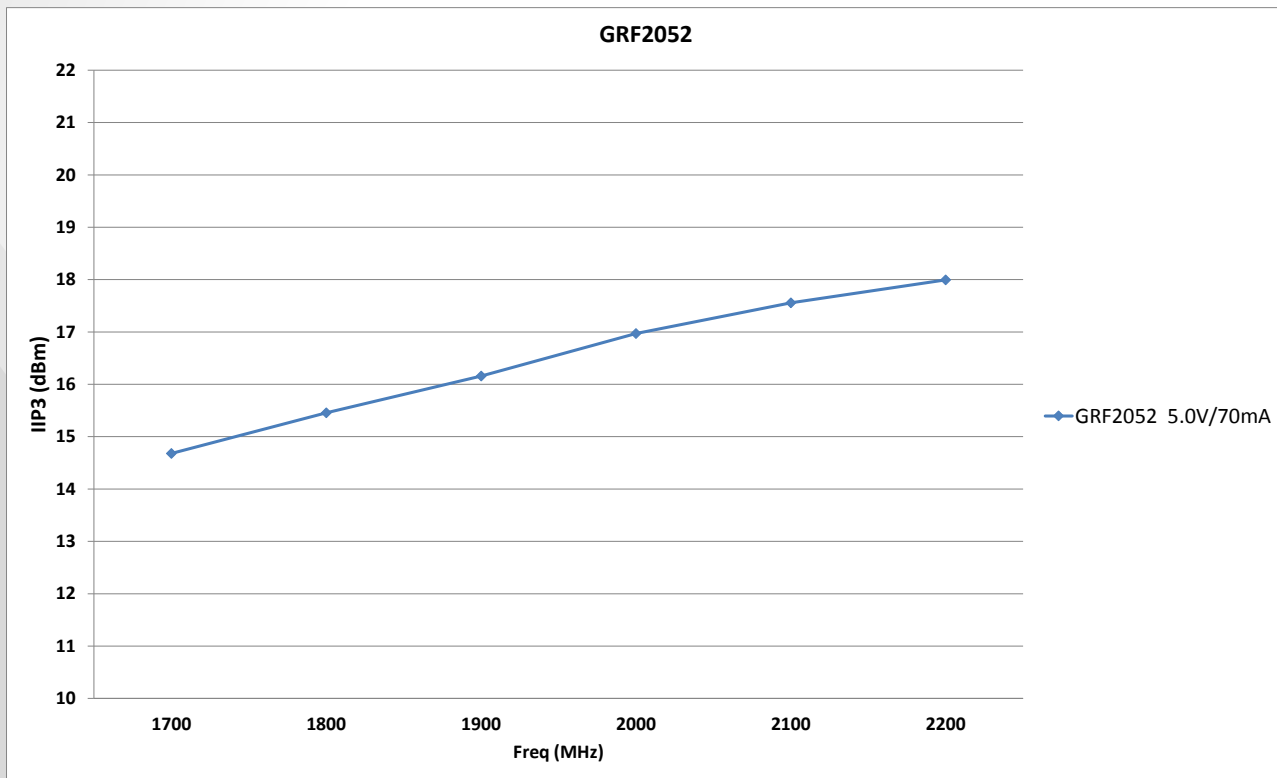
GRF2052 Evaluation Board Noise Figure:



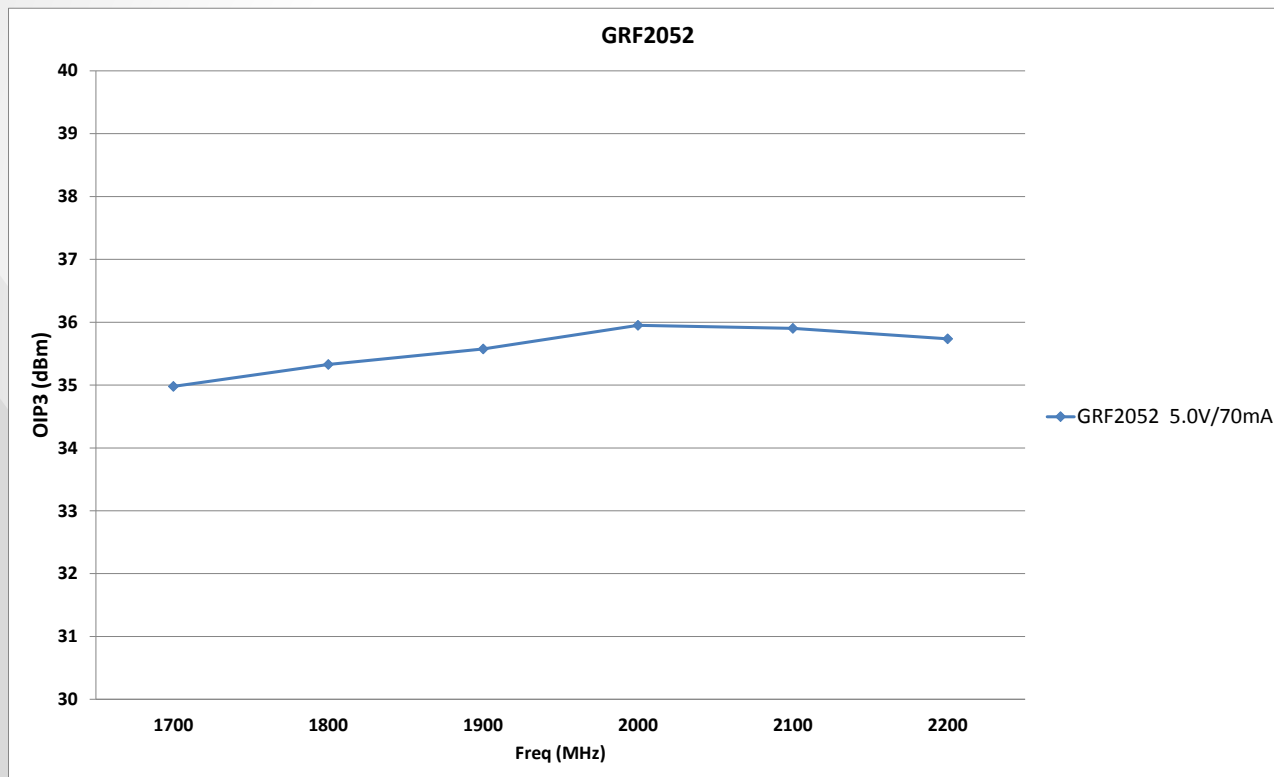
GRF2052 Gain:



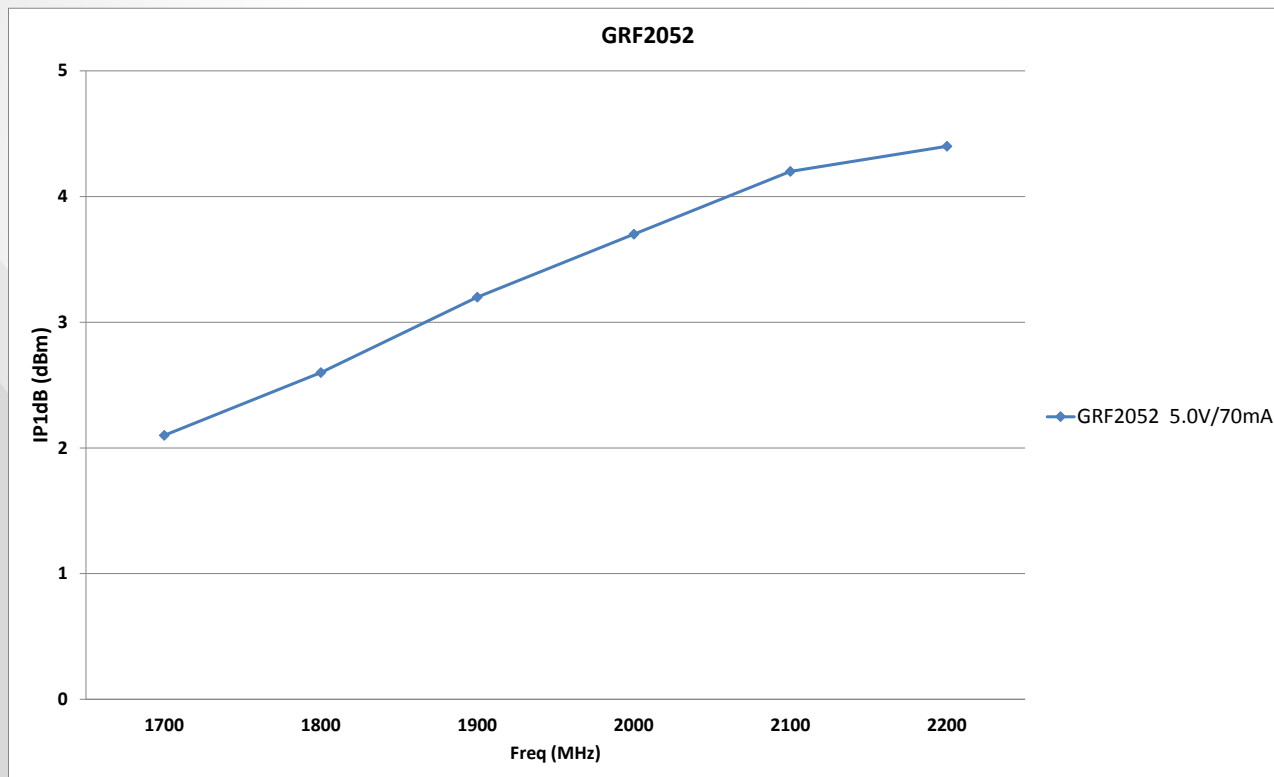
GRF2052 IIP3:



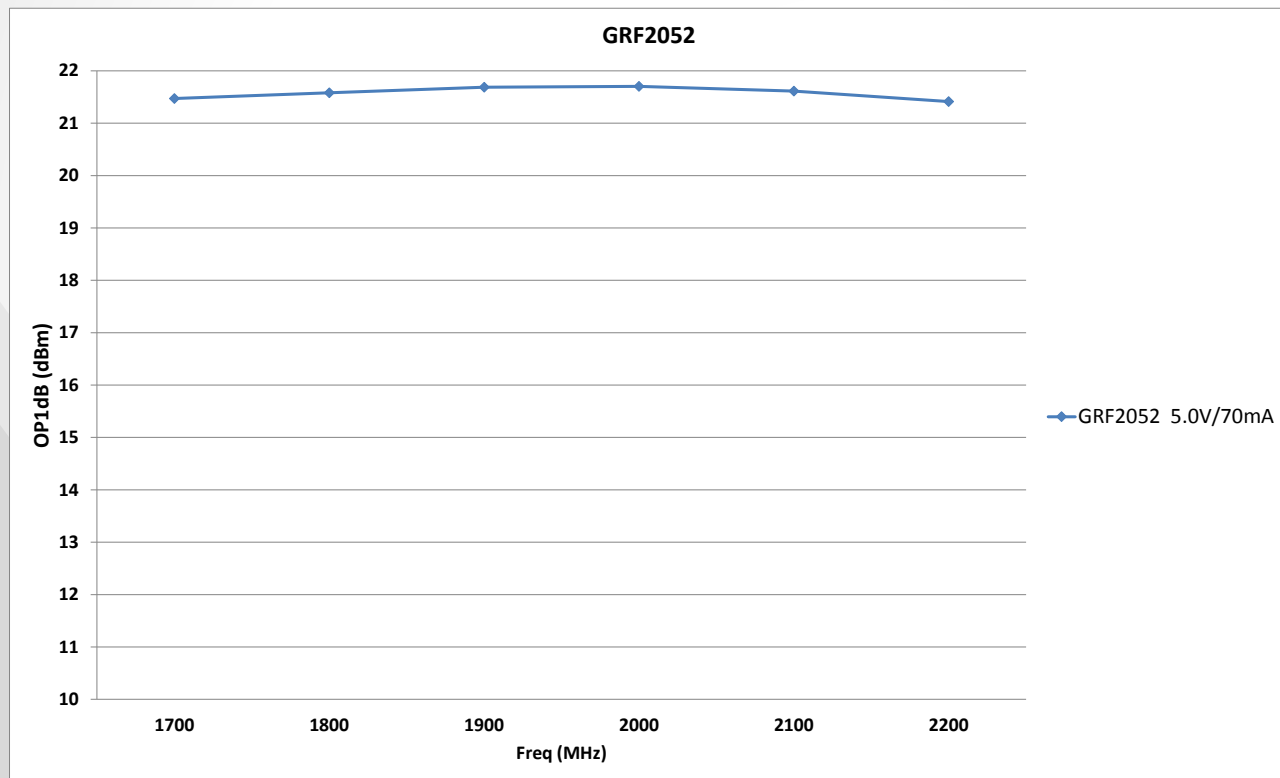
GRF2052 OIP3:



GRF2052 IP1dB:



GRF2052 OP1dB:





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