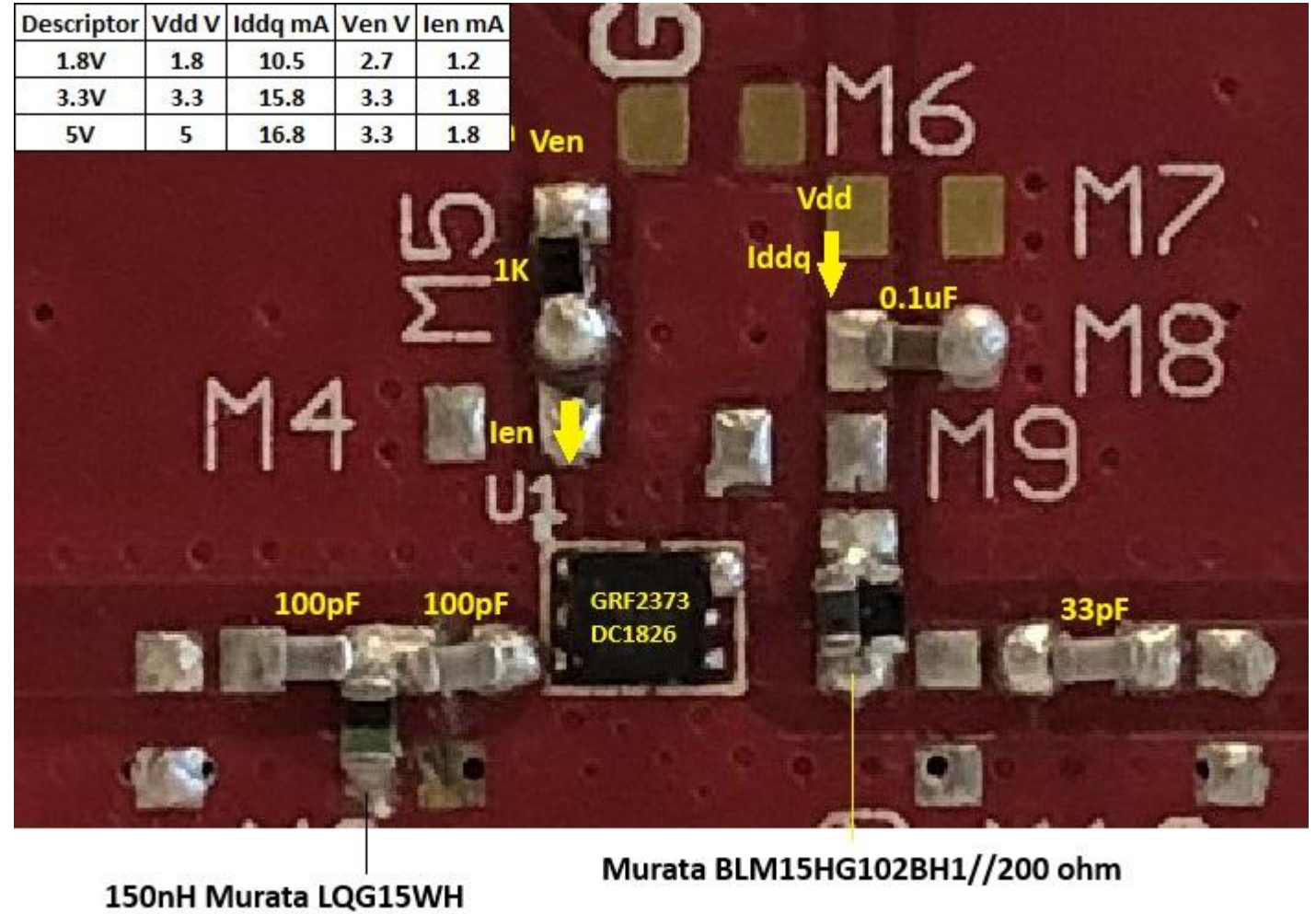




GRF2373
200-2700 MHz

Schematic:

Note in the $V_{dd} = 1.8V$ case we ran $V_{en} = 2.7V$. M5 can easily be scaled for $V_{en} = 1.8V$.

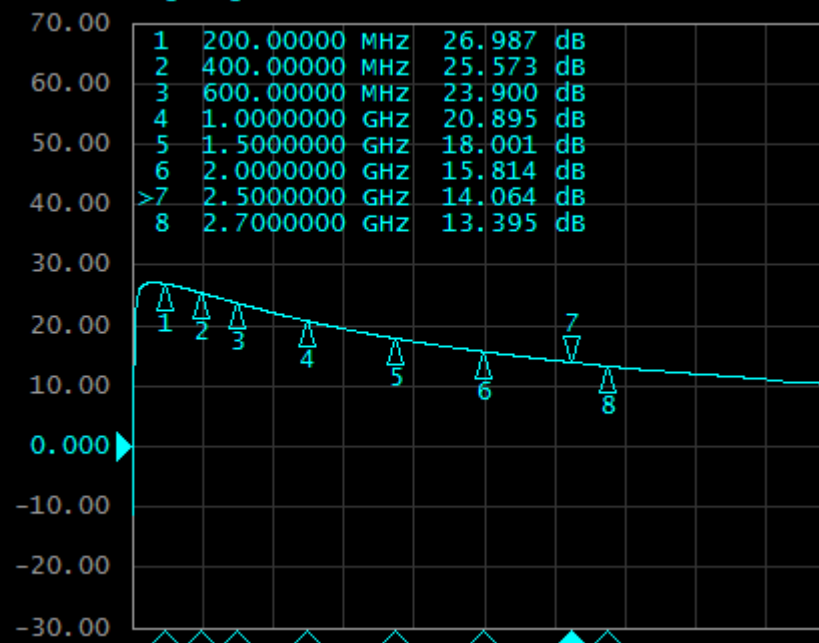


Response:

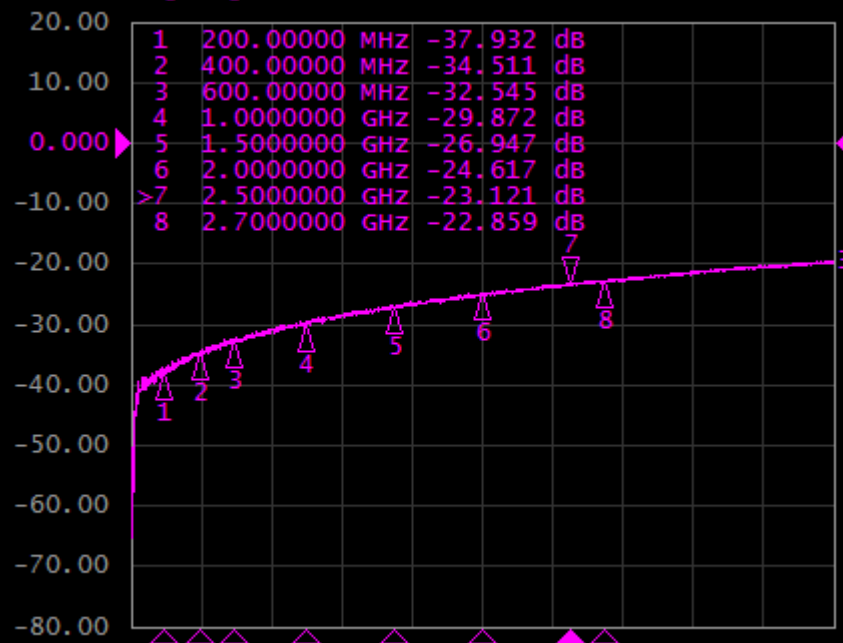
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2]



Tr4 S22 Log Mag 10.00dB/ Ref 0.000dB [F2]



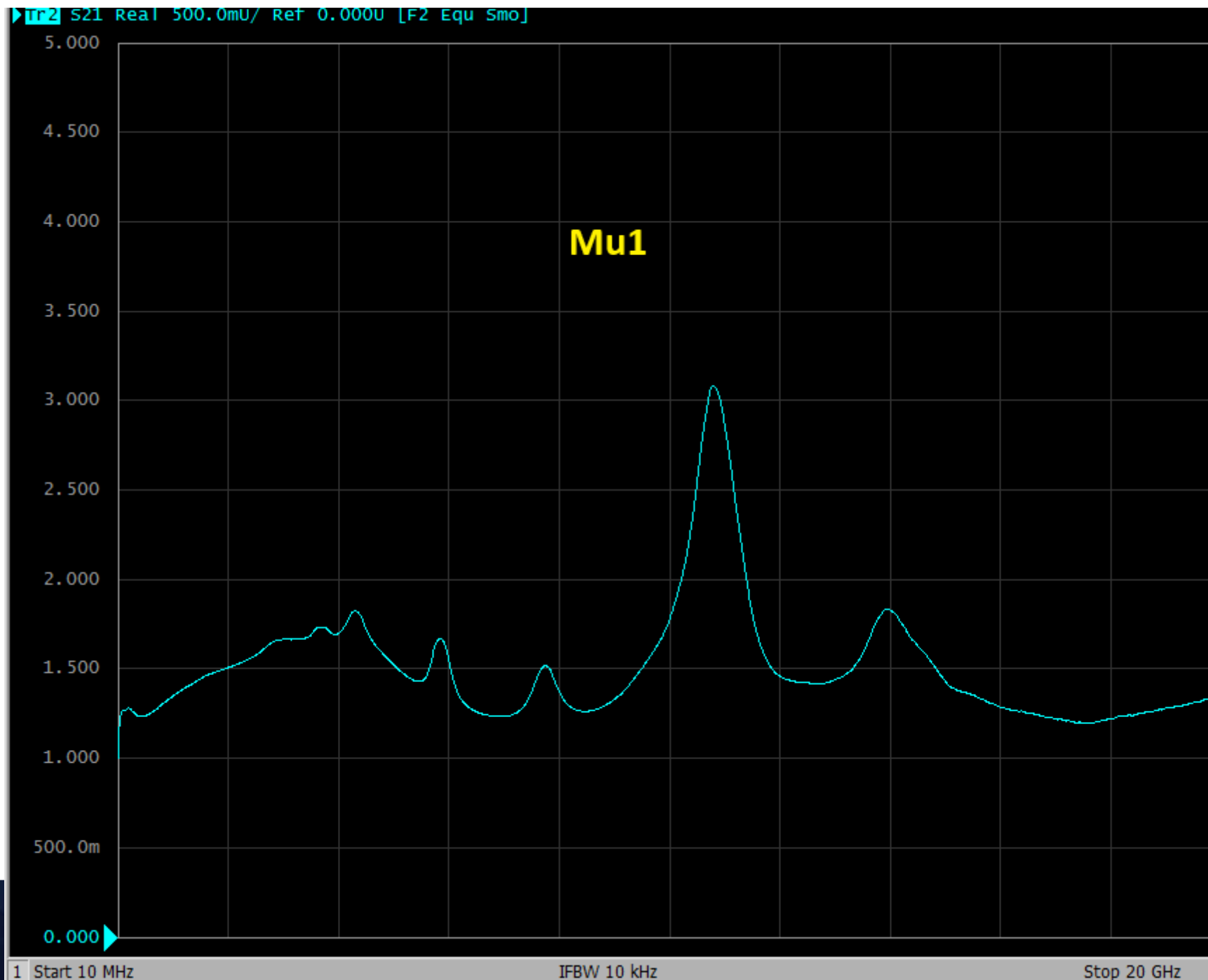
1 Start 10 MHz

IFBW 10 kHz

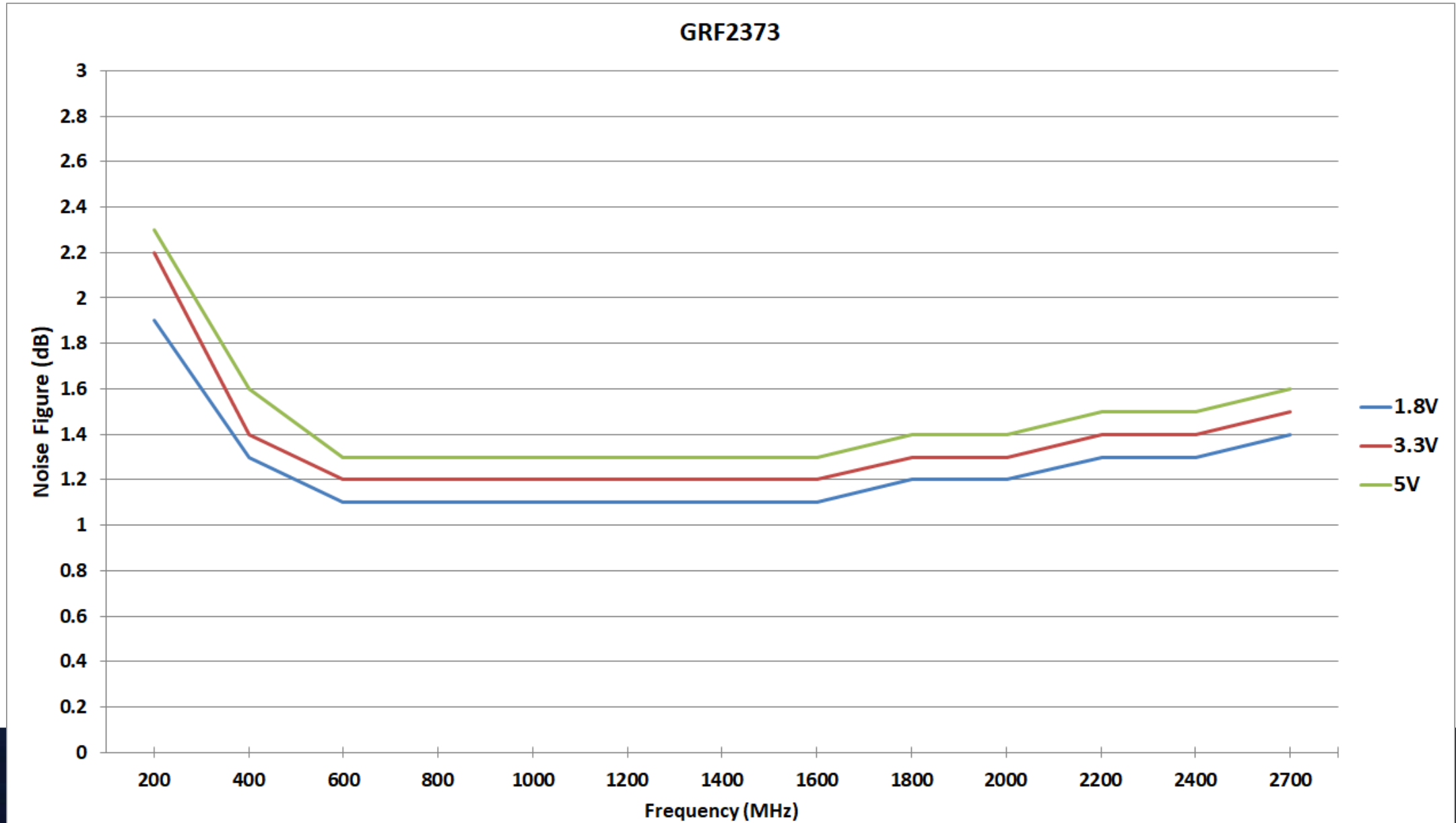
Stop 4 GHz



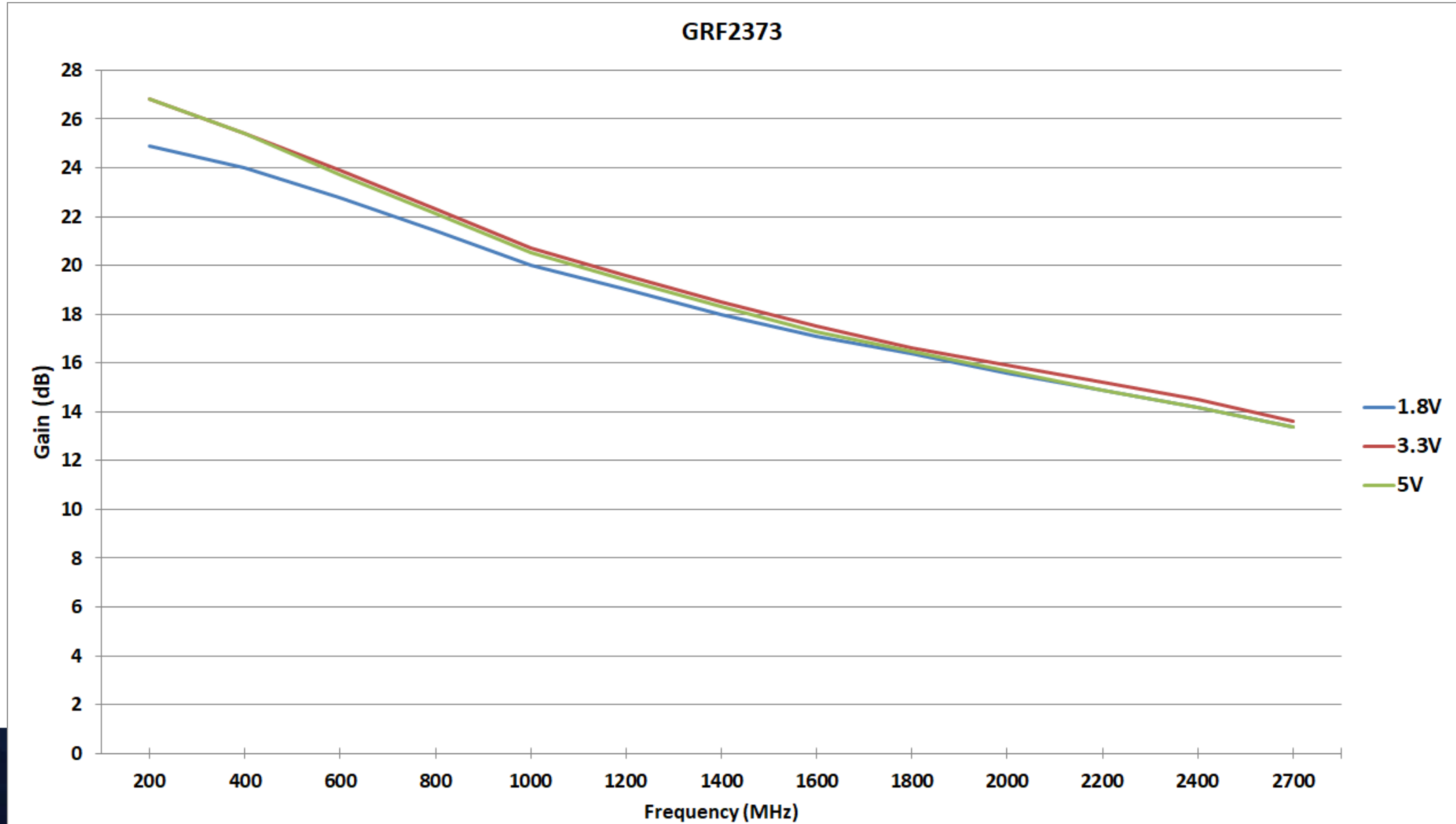
Stability:



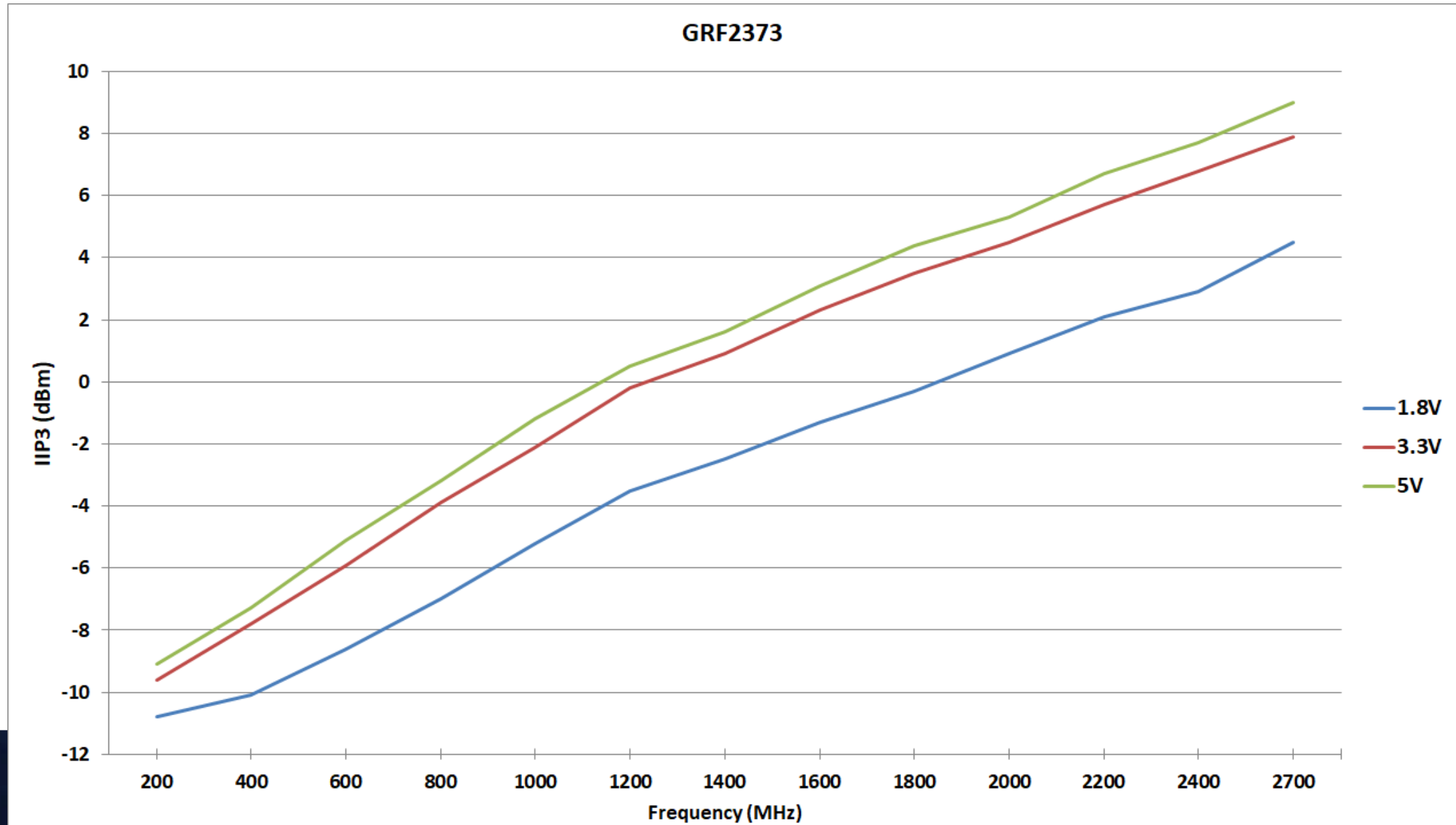
Noise Figure:



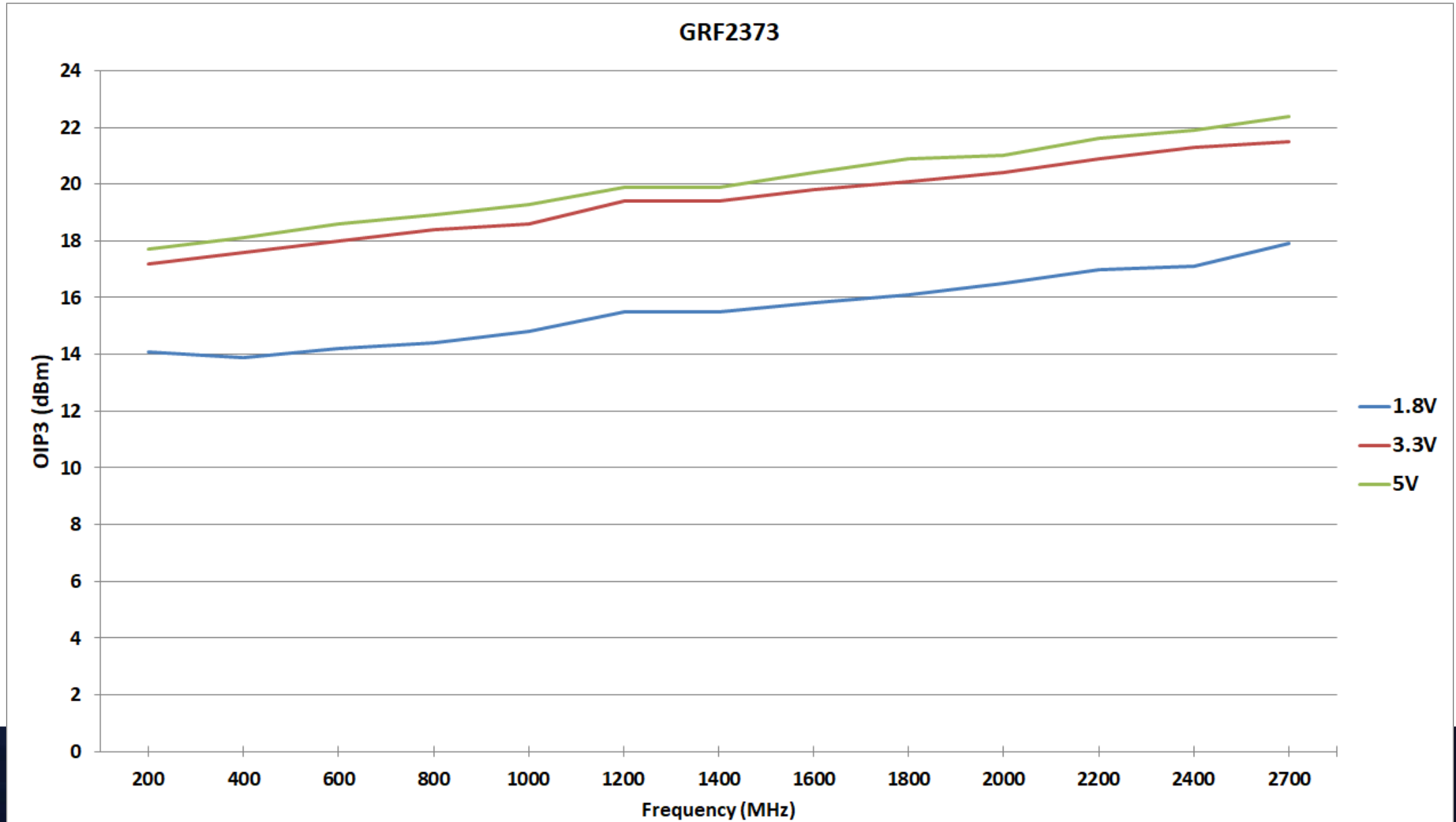
Gain:



IIP3:



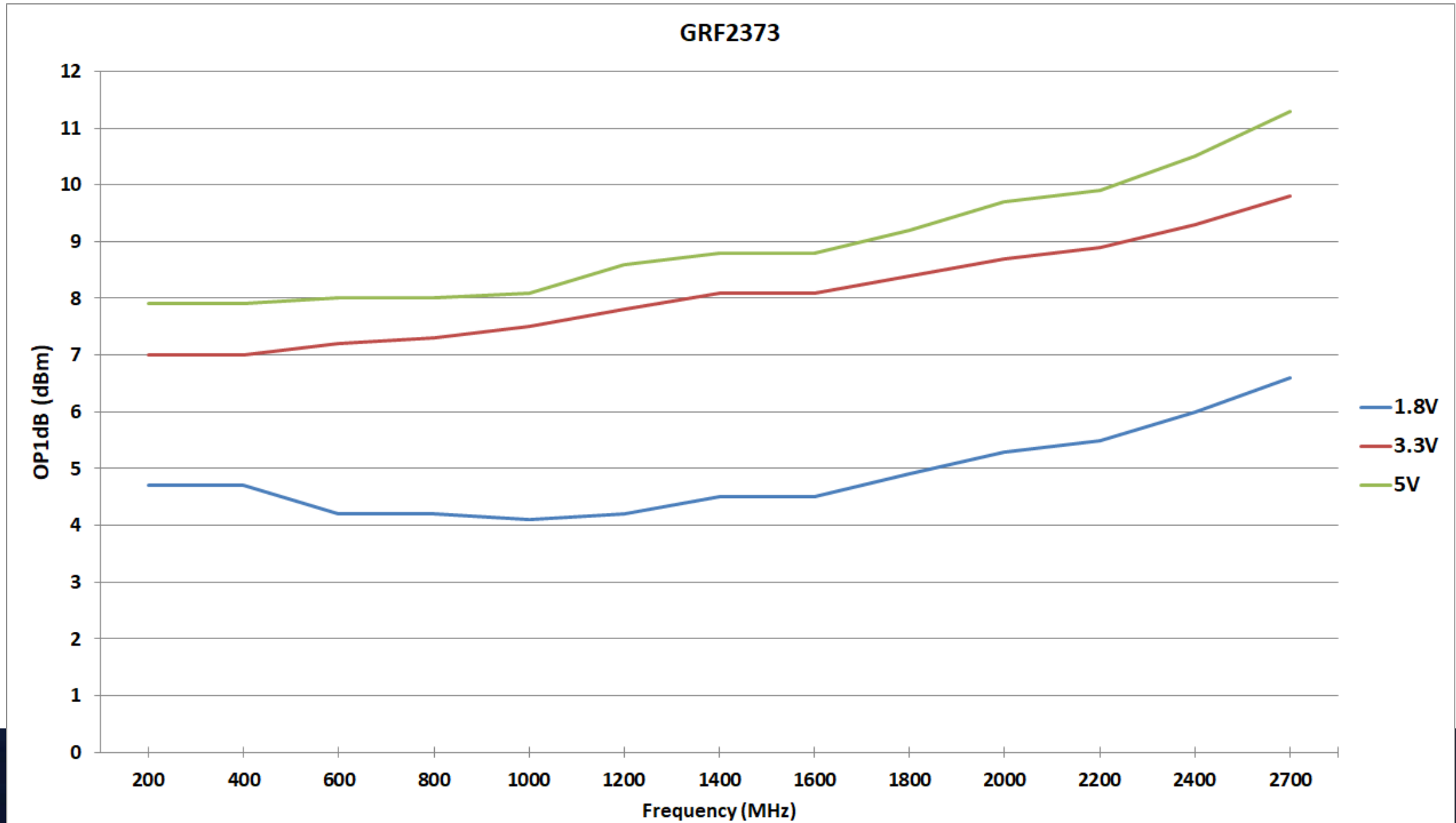
OIP3:



IP1dB:



OP1dB:





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