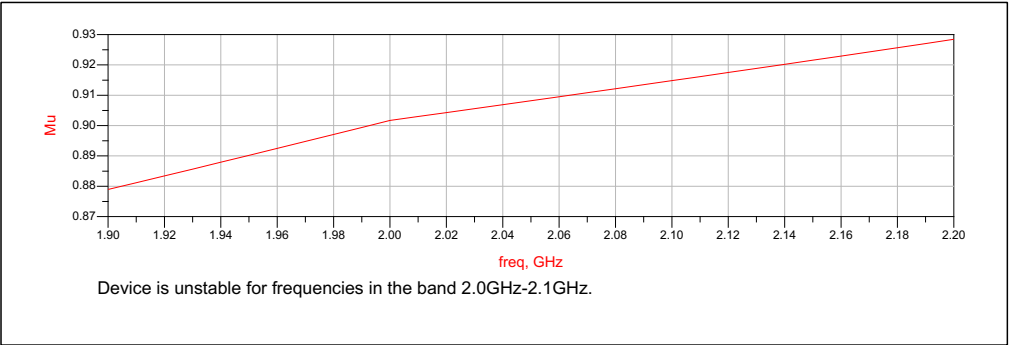


BEFORE adding output stabilizing circuit:



Mu and K factors
show device is unstable
in the band 2.0GHz-2.1GHz.
unconditionally stable if:
 $\mu > 1$ and $B1 > 0$
or
 $K > 1$

freq	Mu	K	B1
1.900 GHz	0.879	0.740	0.629
1.910 GHz	0.881	0.744	0.630
1.920 GHz	0.883	0.748	0.631
1.930 GHz	0.886	0.753	0.632
1.940 GHz	0.888	0.757	0.634
1.950 GHz	0.890	0.761	0.635
1.960 GHz	0.892	0.765	0.636
1.970 GHz	0.895	0.770	0.637
1.980 GHz	0.897	0.774	0.639
1.990 GHz	0.899	0.778	0.640
2.000 GHz	0.902	0.783	0.641
2.010 GHz	0.903	0.785	0.642
2.020 GHz	0.904	0.788	0.643
2.030 GHz	0.906	0.790	0.644
2.040 GHz	0.907	0.793	0.645
2.050 GHz	0.908	0.795	0.647
2.060 GHz	0.910	0.798	0.648
2.070 GHz	0.911	0.801	0.649
2.080 GHz	0.912	0.803	0.650
2.090 GHz	0.913	0.806	0.651
2.100 GHz	0.915	0.808	0.652
2.110 GHz	0.916	0.811	0.653
2.120 GHz	0.917	0.814	0.654
2.130 GHz	0.919	0.816	0.655
2.140 GHz	0.920	0.819	0.656
2.150 GHz	0.922	0.822	0.657
2.160 GHz	0.923	0.825	0.658
2.170 GHz	0.924	0.827	0.659
2.180 GHz	0.926	0.830	0.660
2.190 GHz	0.927	0.833	0.661
2.200 GHz	0.928	0.836	0.662

