

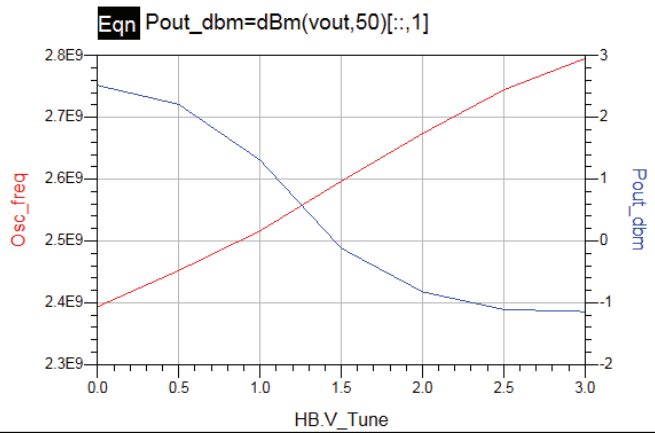


### Sweeping V\_Tune from 0V to 3V:

V_Tune	Pout_dbm
0.000	2.519
0.500	2.211
1.000	1.310
1.500	-0.119
2.000	-0.822
2.500	-1.110
3.000	-1.143

Eqn Osc\_freq=HB.freq[1]

V_Tune	Osc_freq
0.000	2.394E9
0.500	2.453E9
1.000	2.517E9
1.500	2.597E9
2.000	2.674E9
2.500	2.745E9
3.000	2.796E9



### Transient Analysis:

When V\_Tune = 0V

```
m1
freq=2.400GHz
db(fs(TRAN.vout,0,6GHz,,,,,300ns,310ns))=-4.807
Peak
```

