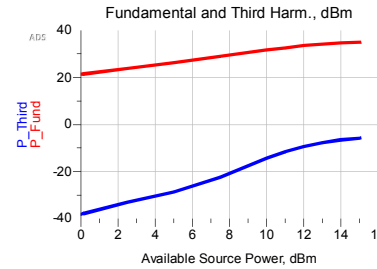
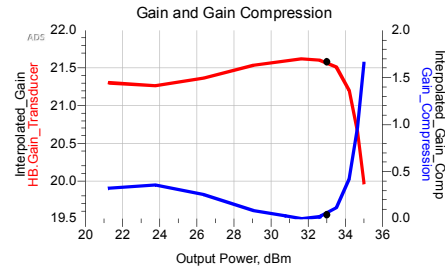
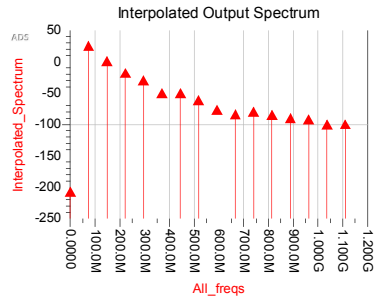
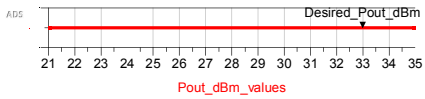


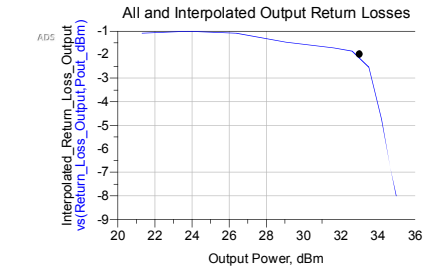
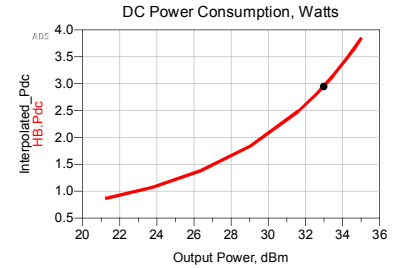
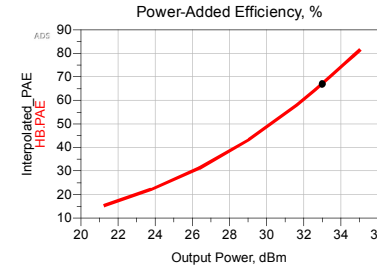
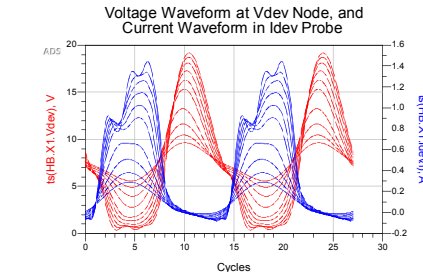
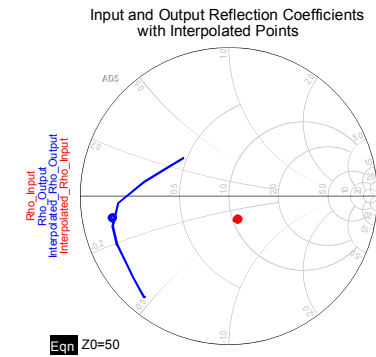
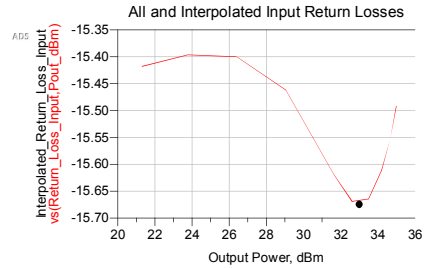
Interpolated Values at 33.000 dBm output power (approximately):

Fundamental Output Power dBm	Transducer Power Gain	Gain Comp. (dB)	Power-Added Efficiency, %	DC Power Consumpt. Watts	High Supply Current	Thermal Dissipation Watts	Interpolated 2nd, 3rd, 4th, and 5th harmonics (dBc)
32.983	21.583	0.041	67.026	2.946	0.393	0.964	-24.744 -43.598 -55.534 -75.870

Set Desired_Pout_dBm = to desired output power in dBm. The gain, gain compression and spectral data will be interpolated to find the values that correspond to this output power.



Fundamental Frequency 74.00 MHz



Eqn Z0=50

Input Return Loss	Output Return Loss
-15.674	-1.972
Input Impedance	Output Impedance
53.478 - j16.898	5.735 - j4.551

Equations are on the "Equations" page. AM-to-AM, AM-to-PM plots are on "AM-to-AM, AM-to-PM plots" page.

