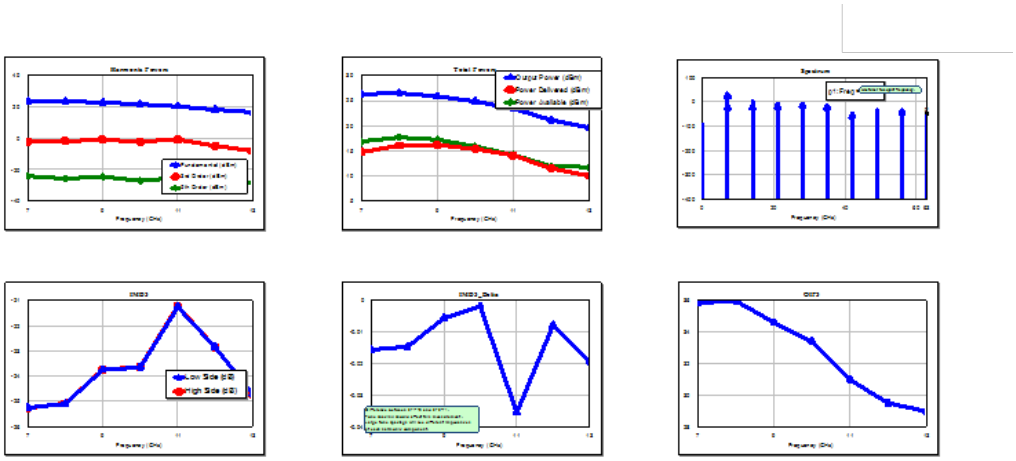
PA_Two_Tone_Sweep_Freq_P1dB

This test bench project shows a two tone swept frequency test bench for power amplifiers at P1dB output power level. XDB element, which controls the simulation can be changed to be any amount of compression (not just 1 dB).

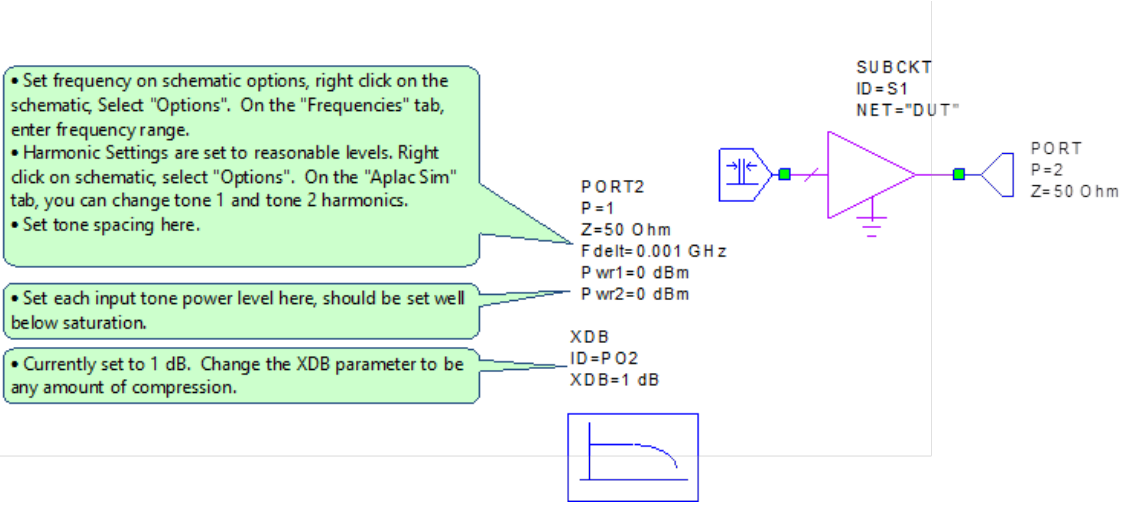
This test bench includes: PA_Two_Tone_Sweep_Freq_P1dB

Schematics:

- **PA_Two_Tone_Sweep_Freq_P1dB_Display** - embeds all graphs into one display.



- **PA_Two_Tone_Sweep_Freq_P1dB** - the test bench setup. Includes notes on where to change settings specific to your design.



Graphs

- Harmonic Powers
- Total Powers
- Spectrum
- OIP3
- IMD3_Delta
- IMD3

Project Folders

- PA_Two_Tone_Sweep_Freq_P1dB - Folder containing all the schematics, graphs and equations for this project.

Importing the Test Bench

Import Te

If you are unable to import the test bench automatically by clicking the Import test bench button above, click How To Import Test Benches Manually to do that manually.