

The Amplifier Spec Sheet

Here's a list of some of the most **important** amplifier specifications:

- 1) Gain (dB)
- 2) Bandwidth (Hz)
- 3) Input Impedance (S_{11} , Z_{in} , Γ , return loss, VSWR)
- 4) Output Impedance (S_{11} , Z_{in} , Γ , return loss, VSWR)
- 5) Reverse Isolation (dB)
- 6) D.C. Power (Nominal D.C. voltage and current)
- 7) 1 dB compression point (Watts, dBm, dBw)
- 8) 3rd order intercept point (Watts, dBm, dBw)
- 9) Noise Figure (dB) - We will learn about this later!