



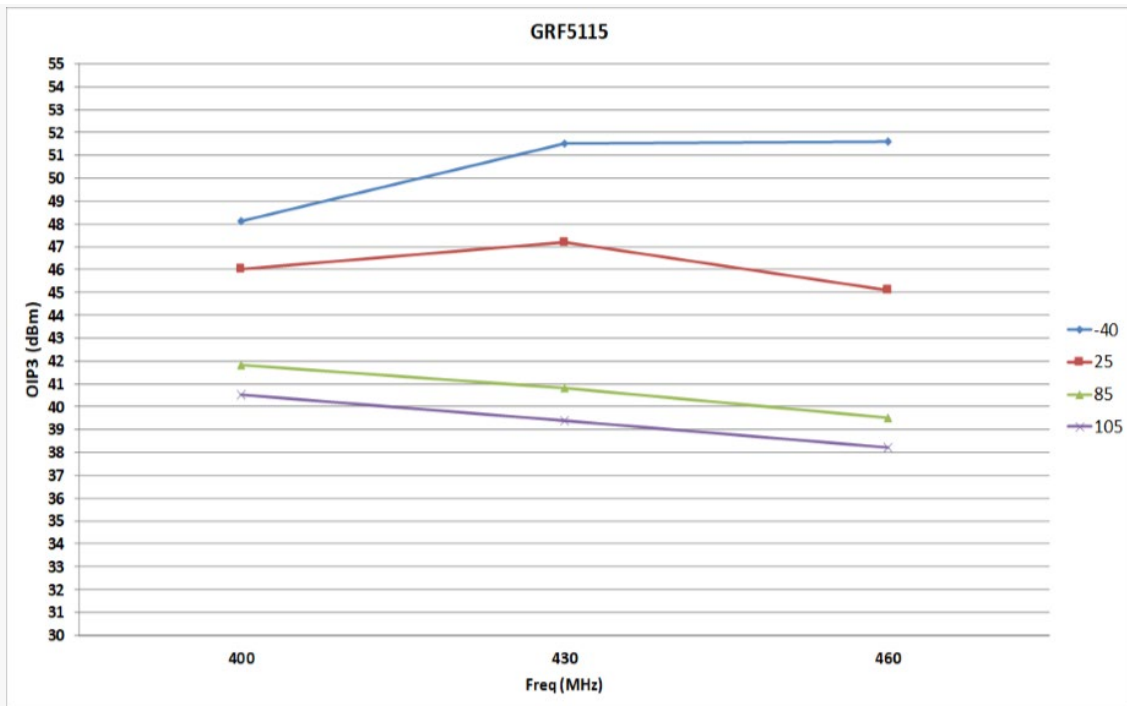
## Where Can I Find Application Notes on the Website?

At Guerrilla RF, we provide a high level of applications support to our customers. A key part of this work consists of creating custom tunes for devices when the standard data sheet configuration does not adequately address the required performance. When a custom tune is created, the optimized evaluation board is measured in our lab and the results are captured in a report to the customer.

We make these reports available through our website and they can be found under the “App Notes” tab at the bottom of every product landing page.

As you might expect, our more flexible and popular parts tend to have the most custom application notes associated with them. In addition to these custom data reports, we also post generic “how to” application notes to explain some of the characteristics and usage considerations with our devices.

The following is single excerpt from a custom tune of our high-power pHEMT device, [GRF5115](#). This was for a high-IP3 UHF application covering 400 to 460 MHz and one of the key data sets (OIP3) is shown below:



The collected data for this application note included the custom matching schematic, small-signal s-parameter response, noise figure, P1dB, IP3 and efficiency. In this particular case, the data was also collected over temperature and this level of detail is typical of the custom applications work that we do on a daily basis.

The application notes are available to you now and, if you don't see what you need on the website, please contact Guerrilla RF and we will do our best to come up with a solution for you.

Contact us at [applications@guerrilla-rf.com](mailto:applications@guerrilla-rf.com)!