* The default USB serial baud rate is **921600**. When sending commands always end it with "**\r\n**" (0x0A 0x0D).
* Setting the frequency and gain offset of a single page (A-I):

To set page A use "**Axxxx±xx.x\r\n**" example If you want to set the frequency to 5658Hz and the offset to +10dB, then send "**A5658+10.0\r\n**". To set any other page you only need to change the first letters to **B,C,D,E,F,G,H** or **I**.

* Setting all 9 pages in one command:

Similar to the indivdual page setting format you can set all pages in one go by concatinating all commands without spaces and adding "\r\n\" at the end.

“**XAxxxx±xx.xBxxxx±xx.x…Ixxxx±xx.x\r\n**".

* Reading all 9 pages current settings:

When sending "**Read\r\n**" command. response will be current settings of all 9 pages:

"**Rxxxx±xx.xxxxx±xx.xxxxx±xx.xxxxx±xx.xxxxx±xx.xxxxx±xx.xxxxx ±xx.xxxxX±xx.xxxxX±xx.x**".

* Setting the Sampling Rate:

There are three speeds: Low, Medium, and High which can be selected by sending "**S0\r\n**", "**S1\r\n**", or "**S2\r\n**" respectively. The default speed is Medium. Note that in the high-speed sampling mode; failure of data transmission are prone to occur.

* Reading wave data stream:

streamed data is sent in the follwing format:

"**a±xxxxxxxx(u||m||w)A**"

where u is uW, m is mW, and w is W.

examples:

"**a-39200011uA**" means -39.2dBm, 0.11uW.

"**a+25838194mA**" means +25.8dBm, 381.94mW.