

LEDA Memo

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| Stand | RMS | samples $\in [-128, 128)$ | samples $\in [-128, 128)$ with RMS = 20 |
|------------------|-----------|---------------------------|---|
| <i>Stand001X</i> | 34.118798 | 99.989641 | 99.999833 |
| <i>Stand001Y</i> | 28.544380 | 99.99885 | 99.9999 |
| <i>Stand010X</i> | 55.174325 | 98.006408 | 99.999708 |
| <i>Stand010Y</i> | 46.112851 | 99.452791 | 99.999925 |
| <i>Stand054X</i> | 43.717739 | 99.662691 | 99.999641 |
| <i>Stand054Y</i> | 47.889111 | 99.243641 | 99.999916 |
| <i>Stand248X</i> | 26.123759 | 99.999583 | 99.99985 |
| <i>Stand248Y</i> | 30.707551 | 99.998758 | 99.999991 |
| <i>Stand251X</i> | 58.756399 | 97.093866 | 99.999633 |
| <i>Stand251Y</i> | 58.047033 | 97.285133 | 99.99965 |
| <i>Stand258X</i> | 27.404131 | 99.999291 | 99.999766 |
| <i>Stand258Y</i> | 28.380539 | 99.999533 | 100.0 |

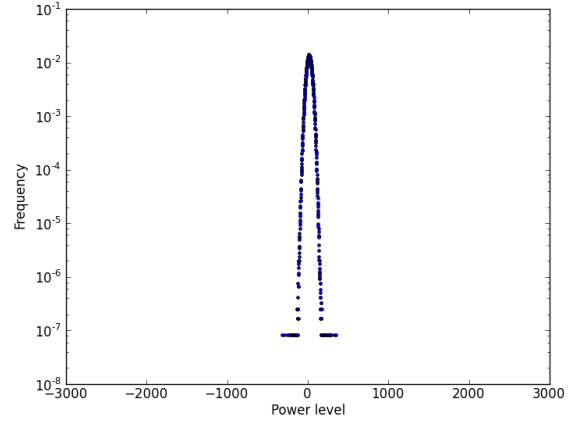
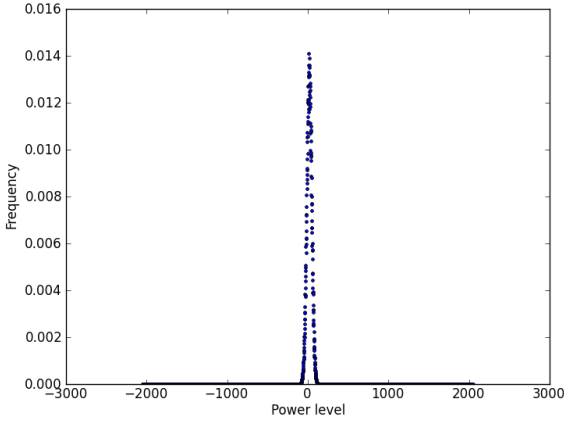


Figure 1: Data from Stand001X. RMS is 34.118799 Samples used : 3792000000. If the RMS is unchanged 99.989642 percent of the samples will lie within $[-128, 128)$. With an RMS of 20 99.999833 percent of the samples will lie within $[-128, 128)$.

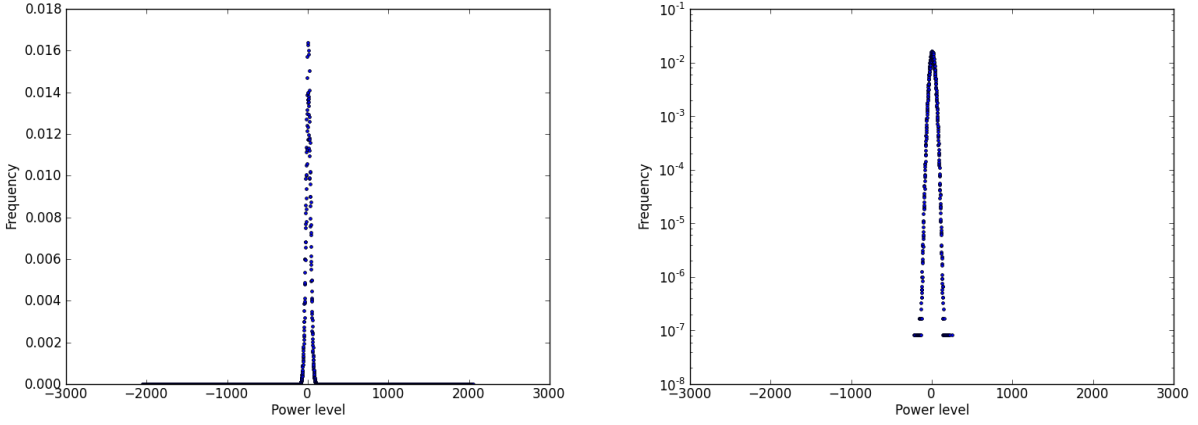


Figure 2: Data from Stand001Y. RMS is 28.544381 Samples used : 3792000000. If the RMS is unchanged 99.998850 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999900 percent of the samples will lie within $[-128,128)$.

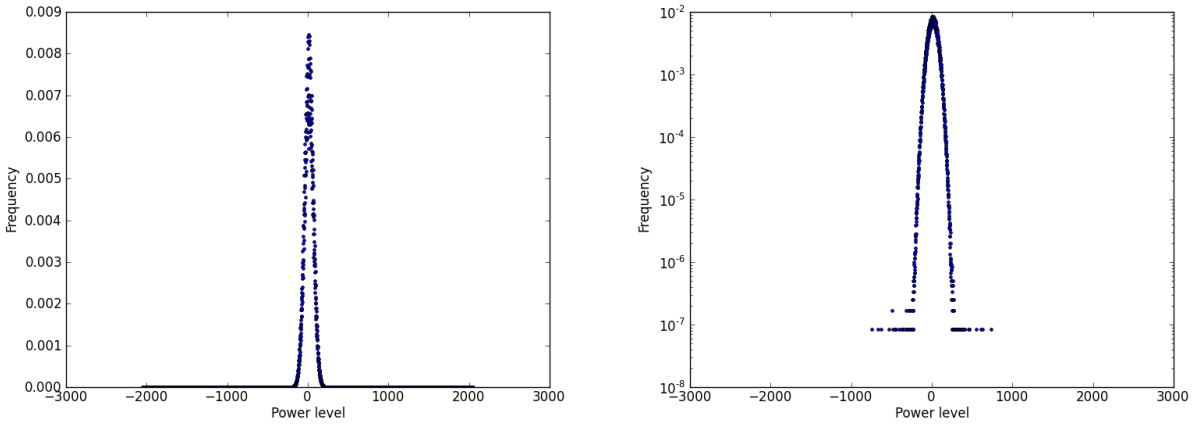


Figure 3: Data from Stand010X. RMS is 55.174325 Samples used : 3792000000. If the RMS is unchanged 98.006408 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999708 percent of the samples will lie within $[-128,128)$.

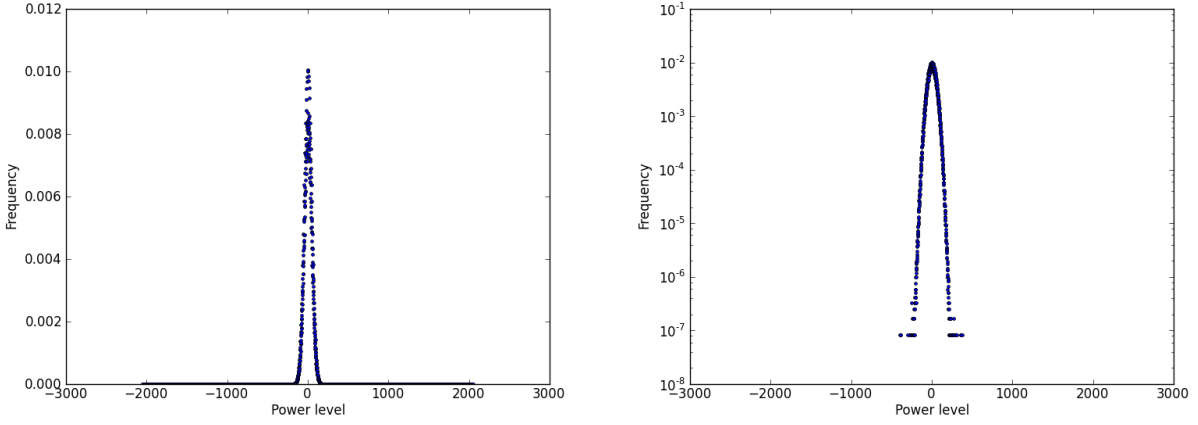


Figure 4: Data from Stand010Y. RMS is 46.112851 Samples used : 3792000000. If the RMS is unchanged 99.452792 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999925 percent of the samples will lie within $[-128,128)$.

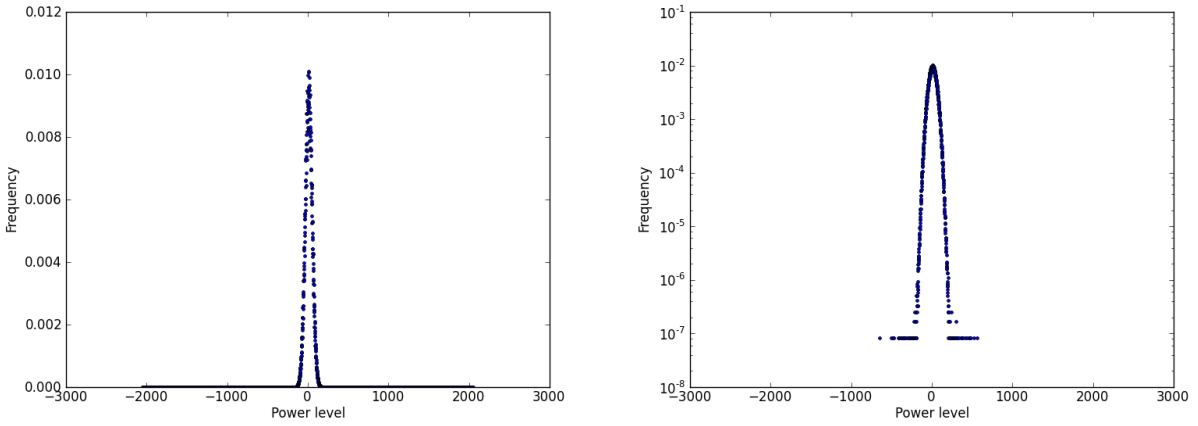


Figure 5: Data from Stand054X. RMS is 43.717739 Samples used : 3792000000. If the RMS is unchanged 99.662692 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999642 percent of the samples will lie within $[-128,128)$.

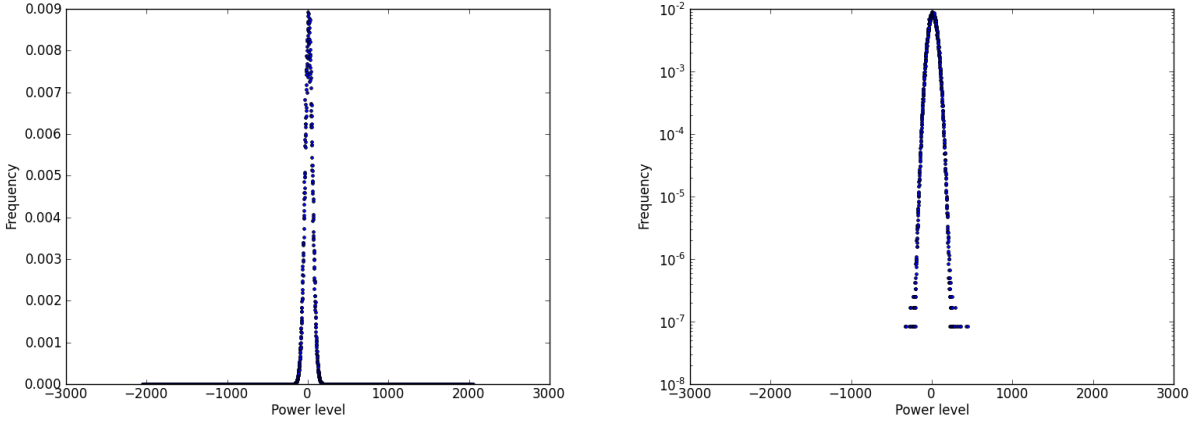


Figure 6: Data from Stand054Y. RMS is 47.889111 Samples used : 3792000000. If the RMS is unchanged 99.243642 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999917 percent of the samples will lie within $[-128,128)$.

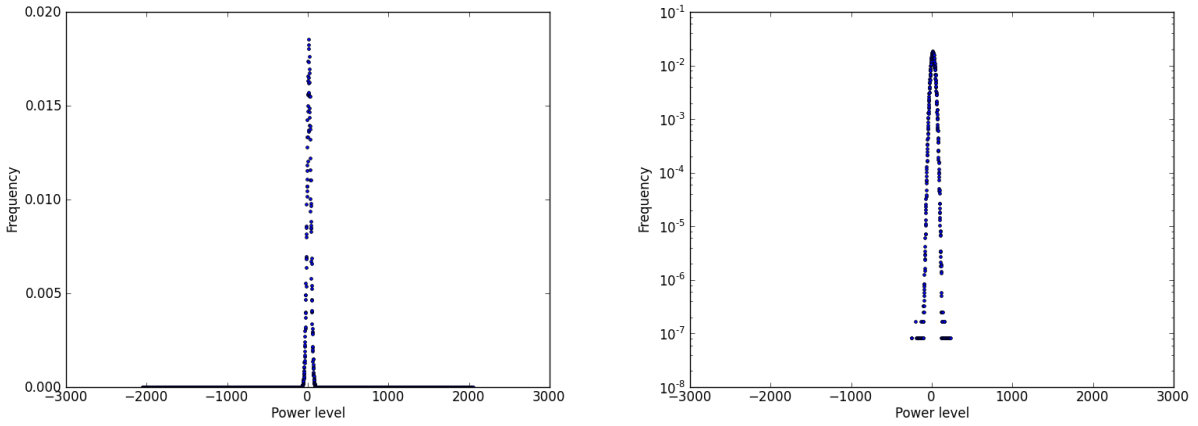


Figure 7: Data from Stand248X. RMS is 26.123760 Samples used : 3792000000. If the RMS is unchanged 99.999583 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999850 percent of the samples will lie within $[-128,128)$.

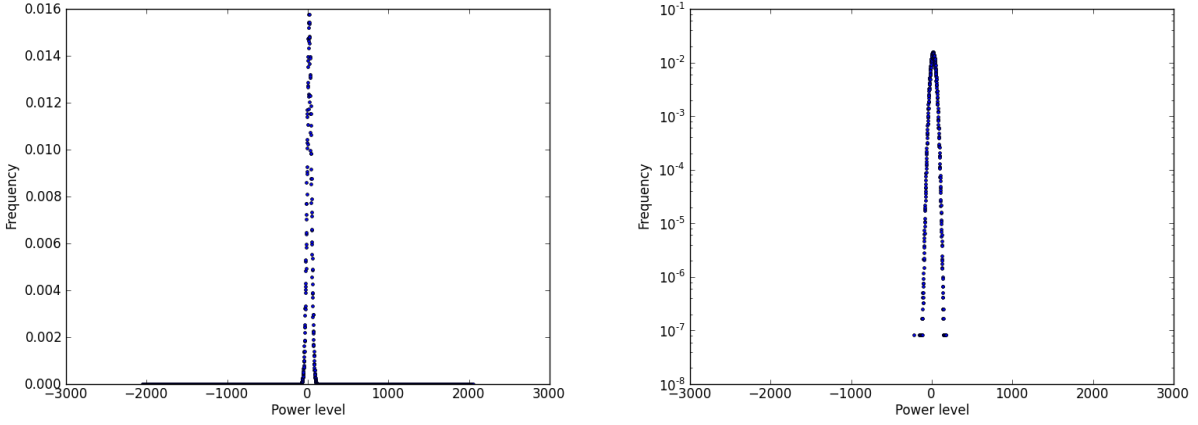


Figure 8: Data from Stand248Y. RMS is 30.707551 Samples used : 3792000000. If the RMS is unchanged 99.998758 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999992 percent of the samples will lie within $[-128,128)$.

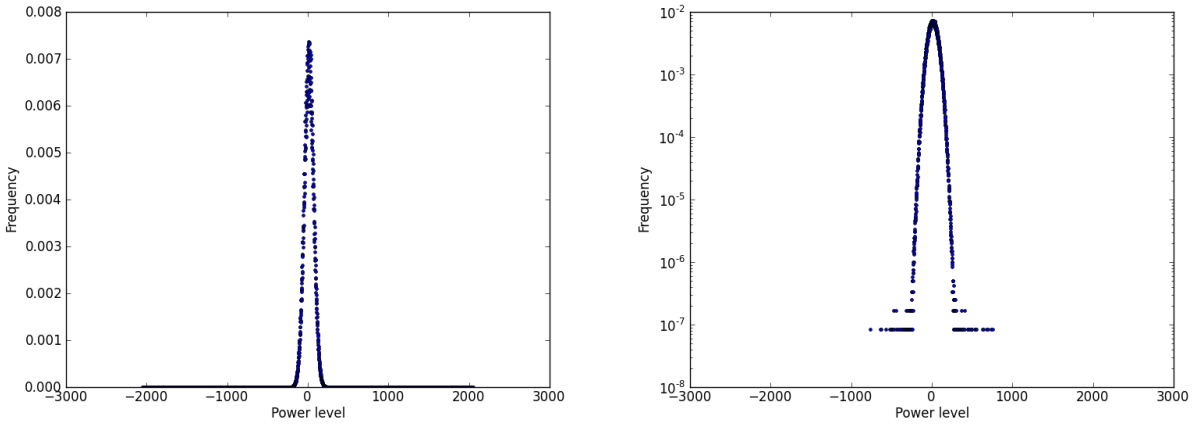


Figure 9: Data from Stand251X. RMS is 58.756399 Samples used : 3792000000. If the RMS is unchanged 97.093867 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999633 percent of the samples will lie within $[-128,128)$.

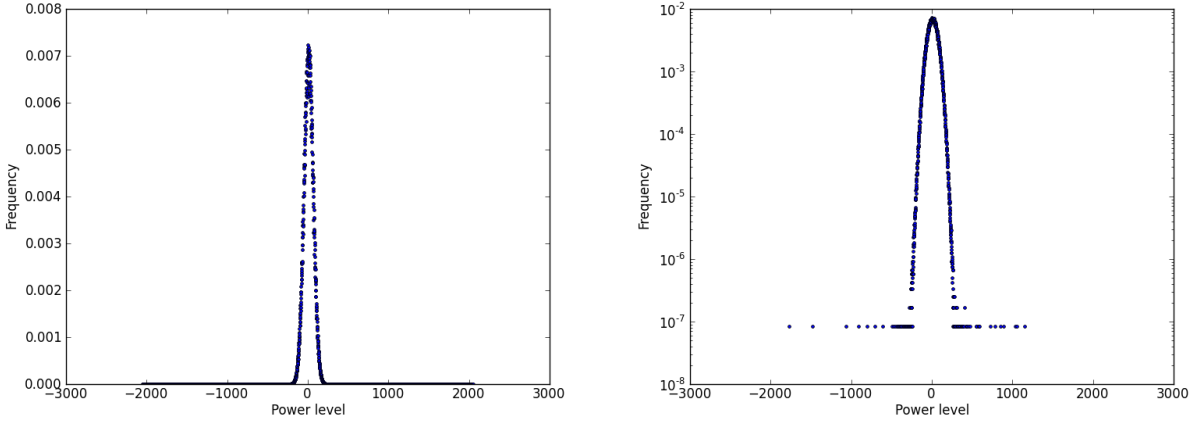


Figure 10: Data from Stand251Y. RMS is 58.047033 Samples used : 3792000000. If the RMS is unchanged 97.285133 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999650 percent of the samples will lie within $[-128,128)$.

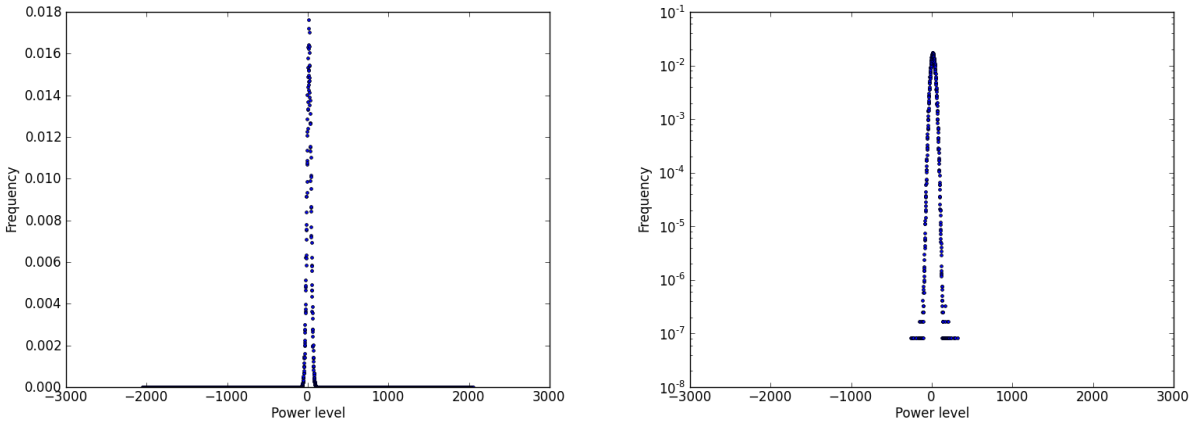


Figure 11: Data from Stand258X. RMS is 27.404131 Samples used : 3792000000. If the RMS is unchanged 99.999292 percent of the samples will lie within $[-128,128)$. With an RMS of 20 99.999767 percent of the samples will lie within $[-128,128)$.

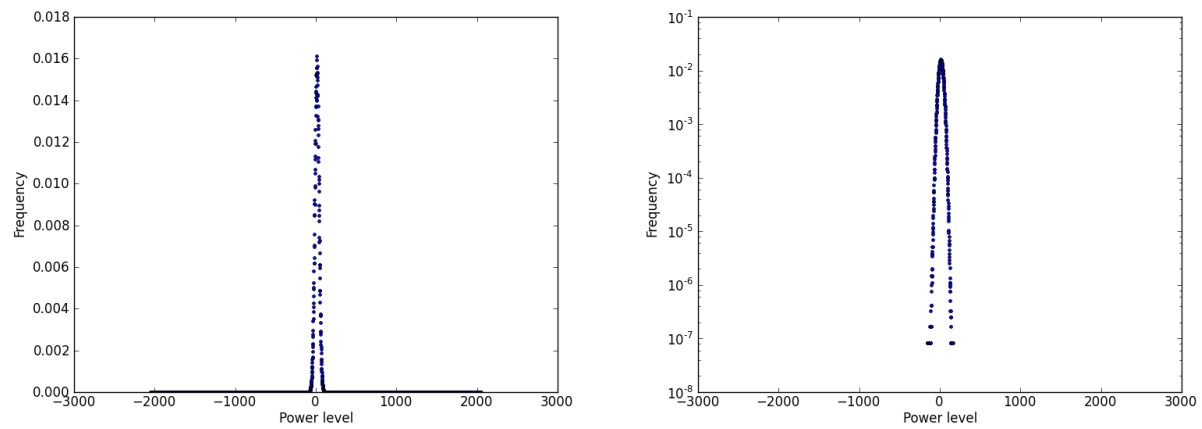


Figure 12: Data from Stand258Y. RMS is 28.380539 Samples used : 3792000000. If the RMS is unchanged 99.999533 percent of the samples will lie within $[-128, 128)$. With an RMS of 20 100.000000 percent of the samples will lie within $[-128, 128)$.