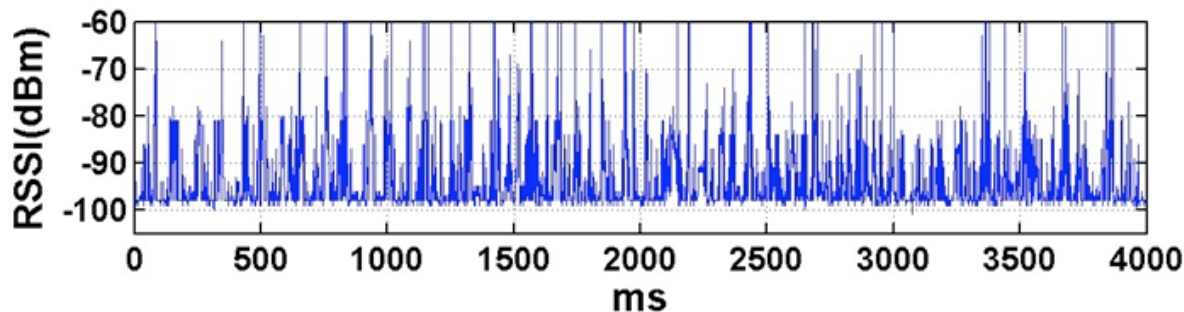


# stanford-sing/apps/RssiSample

- Sample RF energy at a frequency greater than maximum packet speed (CC2420)
- Store trace to flash (~3 min,  $1.95 \times 10^5$  samples)
- Output to serial port when done



Meyer Library,  
next to active laptop

# CPM Initialization

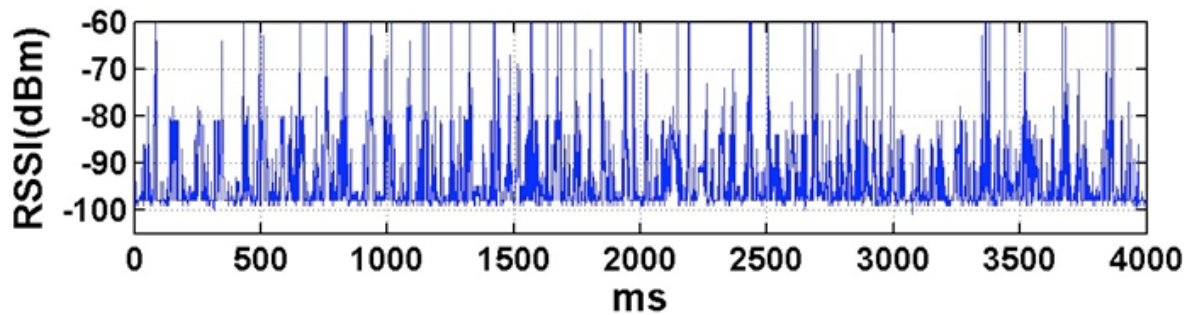
- Scan noise trace, keeping a history of size  $k$
- For each signature of  $k$  prior noise readings, construct probability distribution of next reading

0 2 1 2 0 2 2 0 0 1 1 1 1 2 0 0 0 2 9 0

signature	0	1	2	9
00	33%	33%	33%	0%
01	0%	100%	0%	0%
02	0%	33%	33%	33%
11	0%	66%	33%	0%
12	100%	0%	0%	0%
20	66%	0%	33%	0%
21	0%	0%	100%	0%
22	100%	0%	0%	0%

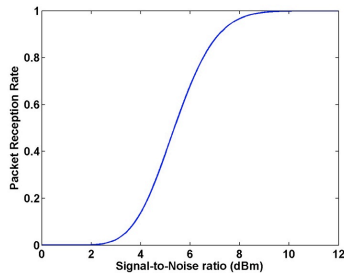
Integrated with TOSSIM  
in 2.0.1

# stanford-sing/apps/RssiSample



Meyer Library,  
next to active laptop

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