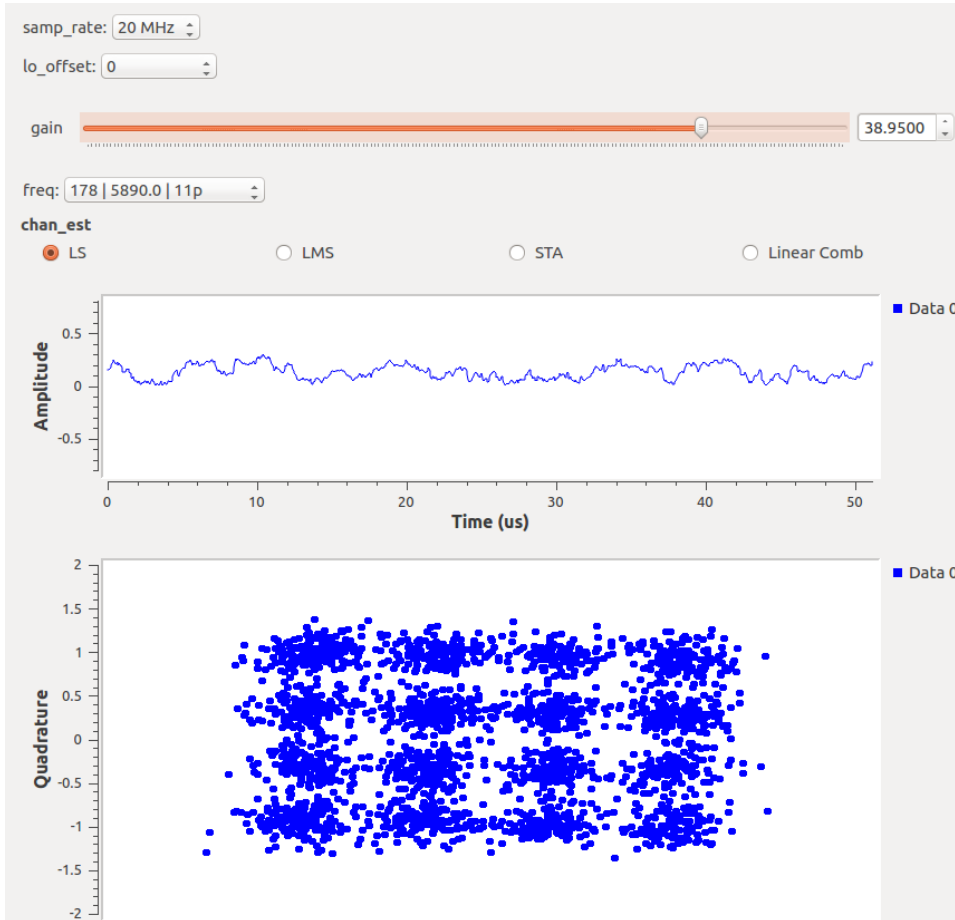


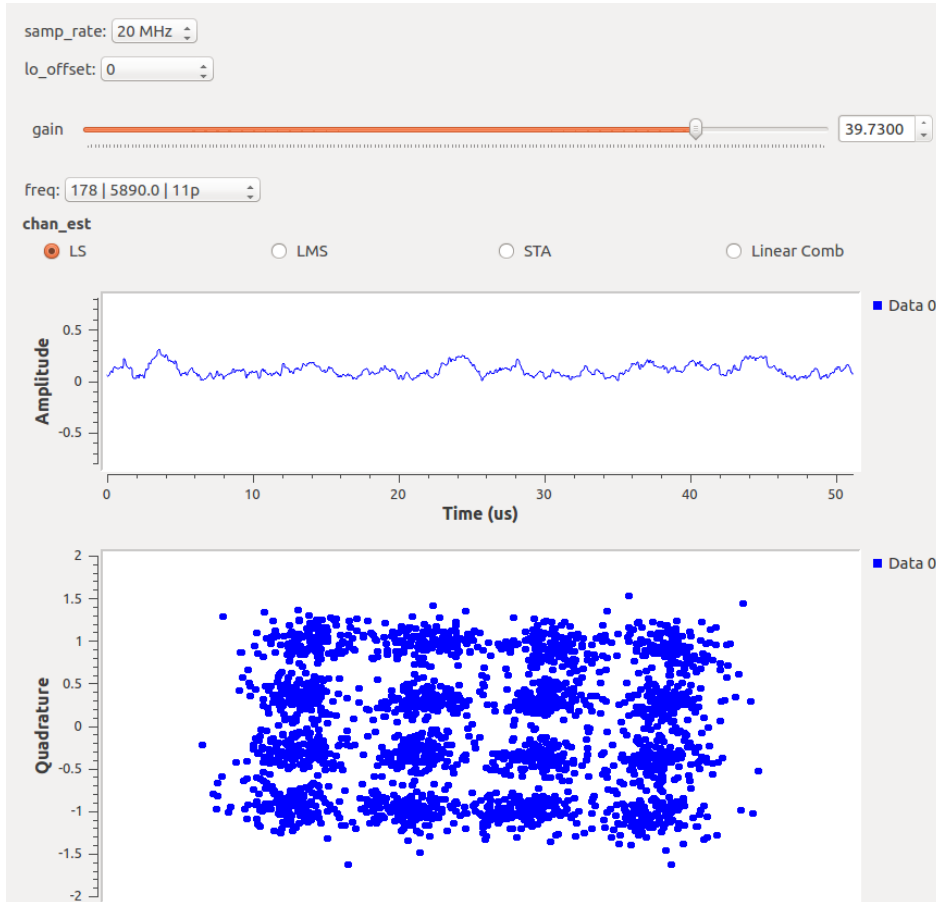


Field Experiment 1



- Point to Point Link
- Stable 16-QPSK Constellation
- Channel 178, 5.89GHz
- Tx Gain(dB) 21
- Rx Gain(dB) 31.9
- Distance between Tx and Rx: ~2m

Field Experiment 2



- Point to Point Link
- Stable 16-QPSK Constellation
- Channel 178, 5.89GHz
- Tx Gain(dB) 21
- Rx Gain(dB) 39.73
- Distance between Tx and Rx: ~3m
- Same applies to 2.48GHz



Field Experiment 2 Cont'd

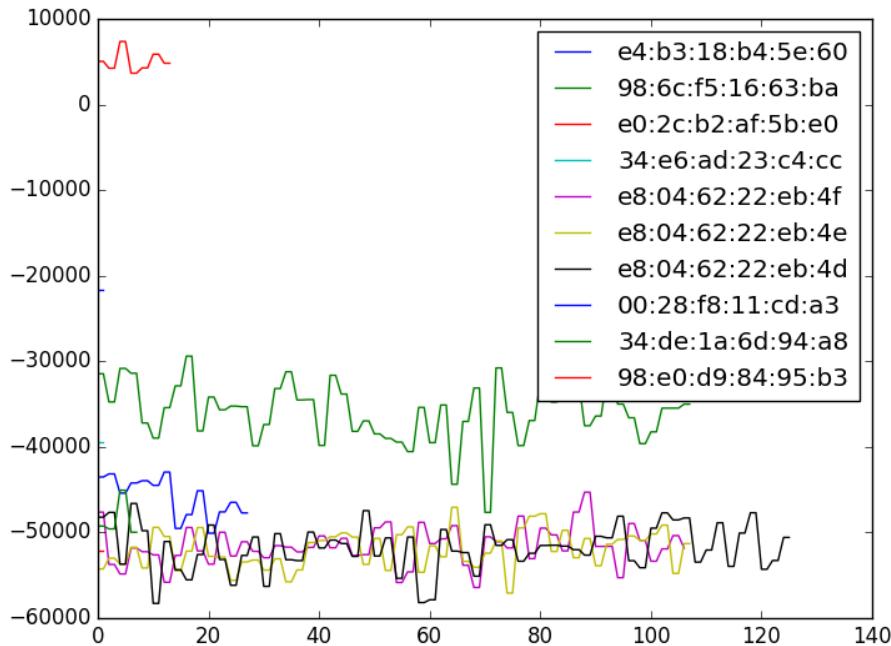
```
liayu@liayu-GE60-2PF: ~/prefix/default/src/gr-rftap/examples
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
gr::log :INFO: decode_mac0 - encoding: 3 - length: 528 - symbols: 59
gr::log :INFO: parse_mac0 - length: 524

new mac frame (length 524)
=====
duration: 00 00
frame control: 00 08 (DATA)
Subtype: Data
seq nr: 3292
mac 1: 42:42:42:42:42:42
mac 2: 23:23:23:23:23:23
mac 3: ff:ff:ff:ff:ff:ff
instantaneous fer: 0.5
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
gr::log :INFO: decode_mac0 - encoding: 3 - length: 528 - symbols: 59
gr::log :INFO: parse_mac0 - length: 524

new mac frame (length 524)
=====
duration: 00 00
frame control: 00 08 (DATA)
Subtype: Data
seq nr: 3563
mac 1: 42:42:42:42:42:42
mac 2: 23:23:23:23:23:23
mac 3: ff:ff:ff:ff:ff:ff
instantaneous fer: 0.99631
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
liayu@liayu-GE60-2PF:~/prefix/default/src/gr-rftap/examples$
```

Field Experiment 3

FO Variances for Different MAC Address



- Listening to open wifi link
- Channel 36: several unknown APs
- FO Variances for Different MAC Address
- Overlapping FO band shares same MAC address prefix

Field Experiment 3 Cont'd

