light_data_3.10/result/3.16：

（1）/rand_bias0.3：采样率 10M，接收速率 60M，均匀分布，偏置电流 0.3A。

1. /mix_amp: 混合幅度数据作为训练数据，且数据归一化。发送信号是均匀分布的随机信号，采样率为 10M，接收速率 60M，偏置电流 0.3A。与之前不同的是，此次训练用的数据是幅度较大的几个数据，而不是全部幅度的数据，以此来试验用大幅度数据训练出来的网络能否适用于小幅度数据。

1.1 /Threenonlinear1：

训练数据：amp21-amp26 ；　P=8，F=0.08

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.080000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.2 /Threenonlinear2：

训练数据：amp21-amp26 ；　P=8，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

light_data_3.16/result/3.16：

（1）/rand_bias0.3：采样率 10M，接收速率 60M，均匀分布，偏置电流 0.3A。

1. /max_amp: 最大幅度数据作为训练数据，且数据归一化。发送信号是均匀分布的随机信号，采样率为 10M，接收速率 60M，偏置电流 0.3A。与之前不同的是，此次训练用的数据是最大幅度的数据，而不是全部幅度的数据，以此来试验用最大幅度数据训练出来的网络能否适用于小幅度数据。

1.1 /Threenonlinear1：
训练数据：amp51 ； P=5，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 5 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.2 /Threenonlinear2：
训练数据：amp51 ； P=8，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.3 /Threenonlinear3：
训练数据：amp51 ； P=6，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 6 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.4 /Threenonlinear4:

训练数据：amp51 ； P=7，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 7 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.5 /Threenonlinear5:

训练数据：amp51 ； P=9，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 9 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.6 /Threenonlinear6:

训练数据：amp51 ； P=10，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 10 ,
DropFactor = 0.100000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.7 /Threenonlinear7:

训练数据：amp51 ； P=8，F=0.08

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.080000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.8 /Threenonlinear8：

训练数据：amp51 ； P=8，F=0.06

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.060000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.9 /Threenonlinear9：

训练数据：amp51 ； P=8，F=0.04

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.040000 ,
train begin = 51 , train end = 51 , train step = 2 , train data num = 2907
test begin = 1 , test end = 49 , test step = 2 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```