

Image 1: Single Meter



Output:

```
Rearranged Reading: ['N']
```

```
Final Reading: N
```

Tensor:

```
tensor([[5.33000e+02, 0.00000e+00, 1.51000e+03, 8.91000e+02, 9.47766e-01,
3.10000e+01],
       [6.74000e+02, 1.33000e+02, 7.62000e+02, 2.82000e+02, 9.00028e-01, 1.80000e+01],
       [7.76000e+02, 1.19000e+02, 8.62000e+02, 2.79000e+02, 9.56821e-01, 1.60000e+01],
       [7.84000e+02, 2.84000e+02, 8.78000e+02, 4.30000e+02, 9.10825e-01, 1.00000e+00],
       [7.92000e+02, 4.37000e+02, 8.83000e+02, 5.80000e+02, 8.95463e-01, 1.00000e+00],
       [7.97000e+02, 5.87000e+02, 8.89000e+02, 7.28000e+02, 9.01040e-01, 1.00000e+00],
       [8.71000e+02, 1.18000e+02, 9.72000e+02, 2.72000e+02, 9.65399e-01, 2.00000e+01],
       [8.81000e+02, 2.78000e+02, 9.76000e+02, 4.29000e+02, 9.30466e-01, 8.00000e+00],
       [8.86000e+02, 4.34000e+02, 9.75000e+02, 5.80000e+02, 9.37211e-01, 6.00000e+00],
       [8.95000e+02, 5.83000e+02, 9.83000e+02, 7.24000e+02, 9.20694e-01, 7.00000e+00],
       [9.76000e+02, 1.15000e+02, 1.06300e+03, 2.71000e+02, 9.32352e-01, 1.20000e+01],
       [9.81000e+02, 2.76000e+02, 1.07300e+03, 4.27000e+02, 9.25129e-01, 3.00000e+00],
       [9.82000e+02, 4.31000e+02, 1.07600e+03, 5.76000e+02, 9.41366e-01, 8.00000e+00],
       [9.86000e+02, 5.82000e+02, 1.07900e+03, 7.24000e+02, 9.31014e-01, 2.00000e+00],
       [1.07600e+03, 2.73000e+02, 1.16600e+03, 4.23000e+02, 9.30485e-01, 6.00000e+00],
       [1.08100e+03, 4.28000e+02, 1.17100e+03, 5.73000e+02, 9.29663e-01, 3.00000e+00],
       [1.08100e+03, 5.78000e+02, 1.17300e+03, 7.21000e+02, 9.29457e-01, 8.00000e+00],
       [1.17200e+03, 2.70000e+02, 1.26900e+03, 4.20000e+02, 9.31867e-01, 8.00000e+00],
       [1.17400e+03, 4.25000e+02, 1.27100e+03, 5.72000e+02, 9.28744e-01, 2.00000e+00],
       [1.17600e+03, 5.76000e+02, 1.27000e+03, 7.18000e+02, 9.35568e-01, 0.00000e+00],
       [1.26800e+03, 1.04000e+02, 1.37300e+03, 2.59000e+02, 9.29311e-01,
1.00000e+01]])
```

Image 2: Single Meter



Output:

Tensor:

```
tensor([[5.37000e+02, 0.00000e+00, 1.50800e+03, 8.91000e+02, 9.43492e-01,  
3.10000e+01],  
       [6.73000e+02, 1.23000e+02, 7.73000e+02, 2.81000e+02, 9.49861e-01, 2.00000e+01],  
       [7.77000e+02, 1.19000e+02, 8.65000e+02, 2.82000e+02, 9.14891e-01, 1.20000e+01],  
       [7.88000e+02, 4.36000e+02, 8.84000e+02, 5.86000e+02, 9.25365e-01, 2.00000e+00],  
       [8.72000e+02, 1.16000e+02, 9.76000e+02, 2.80000e+02, 9.23784e-01, 2.40000e+01],
```

```
[8.88000e+02, 4.32000e+02, 9.80000e+02, 5.82000e+02, 9.33874e-01, 9.00000e+00],  
[9.82000e+02, 1.13000e+02, 1.06900e+03, 2.72000e+02, 8.64482e-01, 2.30000e+01],  
[9.83000e+02, 4.29000e+02, 1.07100e+03, 5.79000e+02, 9.43009e-01, 6.00000e+00],  
[1.07700e+03, 4.26000e+02, 1.17200e+03, 5.78000e+02, 9.34823e-01, 0.00000e+00],  
[1.17500e+03, 4.24000e+02, 1.27000e+03, 5.74000e+02, 9.32269e-01, 0.00000e+00],  
[1.26600e+03, 1.04000e+02, 1.37400e+03, 2.63000e+02, 9.30303e-01,  
1.00000e+01]])
```

Image 3: Single Meter



Output:

```
Formatted Detection Raw Reading: ['K', '8', '8', 'A', '7', '3', 'V', 'M', '0', '0',
'D', 'D']
Overlapping Filtered Reading: ['K', '8', '8', 'A', '7', '3', 'V', 'M', '0', '0', '1',
'D', 'D']
Rearranged Reading: ['0', '0', '1', '7', '8', '3', '8', 'K', 'V', 'A', 'D', 'M', 'D']

Final Reading: 0017838KVADMD
```

Tensor:

```
tensor([[4.88000e+02, 2.51000e+02, 1.47400e+03, 1.08000e+03, 9.49847e-01,
3.10000e+01],
       [6.13000e+02, 4.06000e+02, 7.17000e+02, 5.69000e+02, 9.05870e-01, 0.00000e+00],
       [7.19000e+02, 5.83000e+02, 8.08000e+02, 7.18000e+02, 9.36700e-01, 1.70000e+01],
       [7.21000e+02, 4.06000e+02, 8.24000e+02, 5.70000e+02, 9.03999e-01, 0.00000e+00],
       [8.18000e+02, 5.81000e+02, 9.14000e+02, 7.20000e+02, 9.08434e-01, 2.50000e+01],
       [8.25000e+02, 7.29000e+02, 9.24000e+02, 8.86000e+02, 8.57466e-01, 1.10000e+01],
       [8.32000e+02, 4.06000e+02, 9.29000e+02, 5.69000e+02, 8.99570e-01, 1.00000e+00],
       [9.24000e+02, 5.73000e+02, 1.03200e+03, 7.26000e+02, 9.19912e-01, 1.00000e+01],
       [9.27000e+02, 7.33000e+02, 1.02800e+03, 8.85000e+02, 9.07463e-01, 1.90000e+01],
       [9.36000e+02, 4.07000e+02, 1.03000e+03, 5.67000e+02, 9.15891e-01, 7.00000e+00],
       [1.03100e+03, 7.30000e+02, 1.13400e+03, 8.88000e+02, 8.25913e-01, 1.10000e+01],
       [1.03100e+03, 4.08000e+02, 1.13400e+03, 5.71000e+02, 9.28369e-01, 8.00000e+00],
```

```
[1.13900e+03, 4.10000e+02, 1.23600e+03, 5.71000e+02, 9.09223e-01, 3.00000e+00],  
[1.24000e+03, 4.12000e+02, 1.34400e+03, 5.70000e+02, 9.32002e-01,  
8.00000e+00]])
```

Image 4: Single Meter



Output:

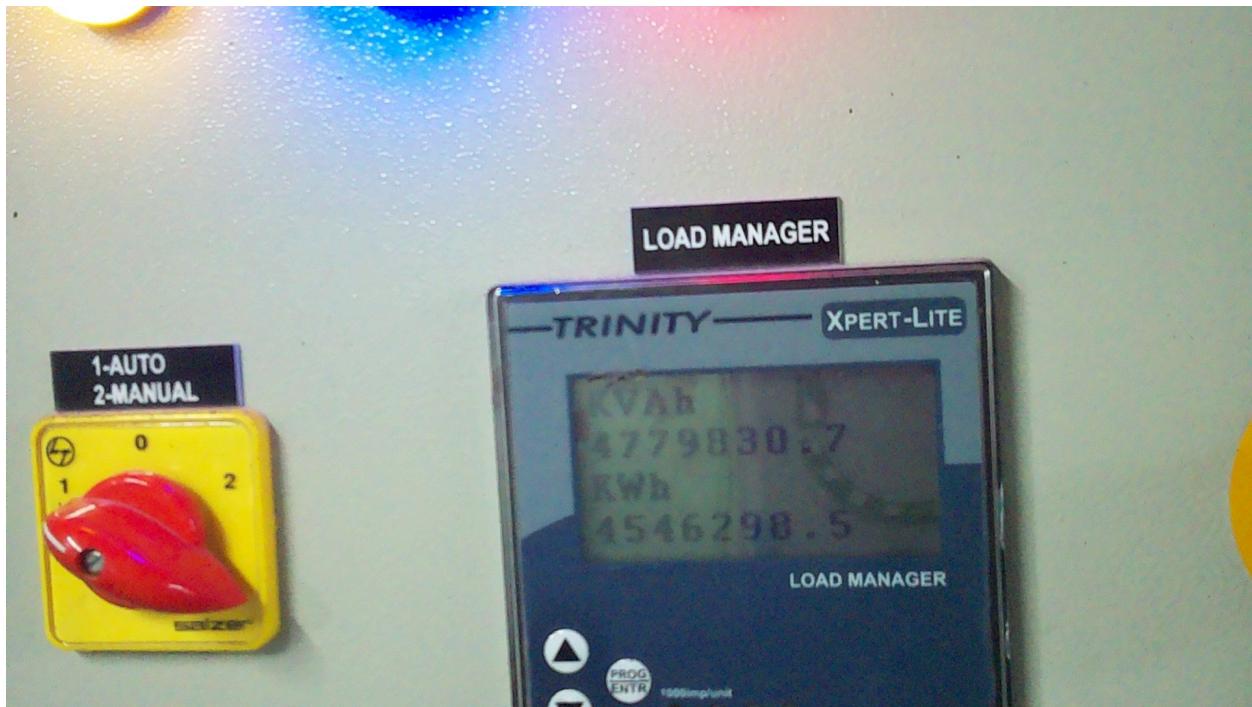
```
Formatted Detection Raw Reading: ['0', '0', '1', '0', '5', '1', '1', '4', 'meter']
Overlapping Filtered Reading: ['0', '0', '1', '0', '5', '1', '1', '4']
Rearranged Reading: ['0', '0', '1', '0', '5', '4', '1', '7']

Final Reading: 00105417
```

Tensor:

```
tensor([[6.64000e+02, 1.65000e+02, 1.53000e+03, 1.05200e+03, 9.50566e-01,
3.10000e+01],
       [8.99000e+02, 3.15000e+02, 9.91000e+02, 4.59000e+02, 9.05382e-01, 0.00000e+00],
       [9.12000e+02, 4.67000e+02, 1.00100e+03, 6.07000e+02, 8.88587e-01, 5.00000e+00],
       [9.96000e+02, 3.09000e+02, 1.08900e+03, 4.54000e+02, 9.04937e-01, 0.00000e+00],
       [1.00700e+03, 4.64000e+02, 1.09700e+03, 5.94000e+02, 8.51486e-01, 4.00000e+00],
       [1.09800e+03, 3.05000e+02, 1.17800e+03, 4.43000e+02, 8.83345e-01, 1.00000e+00],
       [1.10700e+03, 4.56000e+02, 1.19200e+03, 5.85000e+02, 8.72179e-01, 1.00000e+00],
       [1.18300e+03, 2.97000e+02, 1.27600e+03, 4.39000e+02, 8.97015e-01, 0.00000e+00],
       [1.19900e+03, 4.47000e+02, 1.28500e+03, 5.78000e+02, 8.99651e-01, 7.00000e+00],
       [1.81400e+03, 1.04000e+02, 1.91900e+03, 9.58000e+02, 4.13845e-01,
3.10000e+01]])
```

Image 5: Single Meter



Output:

```
Formatted Detection Raw Reading: ['9', '2', 'W', '6', 'K', '4', '5', 'h', '8', '4', '5', '2']

Overlapping Filtered Reading: ['9', '2', 'W', '6', '4', '5', '8', '4', '5']

Rearranged Reading: ['4', 'W', '5', '4', '6', '2', '9', '8', '5']

Final Reading: 4W5462985
```

Tensor:

```
tensor([[7.21000e+02, 3.67000e+02, 1.58700e+03, 1.08000e+03, 9.53249e-01,
3.10000e+01],
       [8.99000e+02, 7.13000e+02, 9.40000e+02, 7.66000e+02, 8.59124e-01, 1.70000e+01],
       [9.03000e+02, 7.76000e+02, 9.43000e+02, 8.31000e+02, 8.52172e-01, 4.00000e+00],
       [9.41000e+02, 7.10000e+02, 9.86000e+02, 7.65000e+02, 8.68081e-01, 2.60000e+01],
       [9.46000e+02, 7.75000e+02, 9.89000e+02, 8.31000e+02, 3.55985e-01, 2.00000e+00],
       [9.47000e+02, 7.75000e+02, 9.90000e+02, 8.31000e+02, 6.82401e-01, 5.00000e+00],
       [9.88000e+02, 7.09000e+02, 1.02800e+03, 7.64000e+02, 8.19468e-01, 3.00000e+01],
       [9.93000e+02, 7.73000e+02, 1.03400e+03, 8.30000e+02, 7.35143e-01, 4.00000e+00],
       [1.03600e+03, 7.72000e+02, 1.07600e+03, 8.29000e+02, 8.66920e-01, 6.00000e+00],
       [1.08000e+03, 7.72000e+02, 1.12200e+03, 8.28000e+02, 8.80728e-01, 2.00000e+00],
       [1.12600e+03, 7.72000e+02, 1.16700e+03, 8.25000e+02, 9.05952e-01, 9.00000e+00],
       [1.17100e+03, 7.71000e+02, 1.21500e+03, 8.26000e+02, 8.06045e-01, 8.00000e+00],
       [1.26100e+03, 7.68000e+02, 1.30600e+03, 8.25000e+02, 8.38482e-01,
5.00000e+00]])
```

Image 6: Multi Meter

Output:

Tensor:

```
tensor([[4.95000e+02, 3.10000e+01, 1.11500e+03, 6.64000e+02, 9.26970e-01,
3.10000e+01],
       [6.70000e+02, 3.34000e+02, 7.28000e+02, 4.24000e+02, 8.65040e-01, 1.00000e+00],
       [6.84000e+02, 2.25000e+02, 7.38000e+02, 3.14000e+02, 8.50031e-01, 1.00000e+00],
       [6.96000e+02, 1.20000e+02, 7.49000e+02, 2.06000e+02, 8.64990e-01, 1.00000e+00],
       [7.30000e+02, 3.34000e+02, 7.94000e+02, 4.30000e+02, 9.24423e-01, 0.00000e+00],
       [7.39000e+02, 2.26000e+02, 8.03000e+02, 3.22000e+02, 9.25236e-01, 0.00000e+00],
       [7.51000e+02, 1.21000e+02, 8.14000e+02, 2.13000e+02, 9.21246e-01, 0.00000e+00],
       [7.97000e+02, 3.40000e+02, 8.60000e+02, 4.37000e+02, 9.29216e-01, 9.00000e+00],
       [8.05000e+02, 2.33000e+02, 8.68000e+02, 3.27000e+02, 9.39549e-01, 8.00000e+00],
       [8.16000e+02, 1.26000e+02, 8.79000e+02, 2.20000e+02, 9.10429e-01, 8.00000e+00],
       [8.61000e+02, 3.46000e+02, 9.28000e+02, 4.44000e+02, 9.11366e-01, 8.00000e+00],
       [8.71000e+02, 2.38000e+02, 9.37000e+02, 3.32000e+02, 9.24713e-01, 9.00000e+00],
       [8.81000e+02, 1.31000e+02, 9.47000e+02, 2.25000e+02, 9.08826e-01,
0.00000e+00]])
```

Image 7: Single Meter



Output:

Tensor:

```
tensor([[7.93000e+02, 5.00000e+00, 1.07800e+03, 3.03000e+02, 9.23325e-01,  
3.10000e+01],  
       [8.72000e+02, 1.65000e+02, 9.06000e+02, 2.13000e+02, 9.05438e-01, 5.00000e+00],  
       [8.72000e+02, 1.10000e+02, 9.06000e+02, 1.61000e+02, 8.96216e-01, 6.00000e+00],  
       [9.09000e+02, 1.67000e+02, 9.42000e+02, 2.15000e+02, 9.06168e-01, 1.00000e+00],  
       [9.09000e+02, 1.12000e+02, 9.41000e+02, 1.62000e+02, 9.05674e-01, 5.00000e+00],
```

```
[9.43000e+02, 1.68000e+02, 9.77000e+02, 2.18000e+02, 8.85516e-01, 3.00000e+00],  
[9.43000e+02, 1.13000e+02, 9.77000e+02, 1.63000e+02, 9.17863e-01, 4.00000e+00],  
[9.44000e+02, 5.80000e+01, 9.79000e+02, 1.08000e+02, 9.04041e-01, 9.00000e+00],  
[9.78000e+02, 1.14000e+02, 1.01000e+03, 1.64000e+02, 9.38563e-01, 5.00000e+00],  
[9.79000e+02, 1.69000e+02, 1.01100e+03, 2.20000e+02, 9.15917e-01, 1.00000e+00],  
[9.80000e+02, 5.80000e+01, 1.01100e+03, 1.09000e+02, 9.09701e-01,  
5.00000e+00]])
```

Image 8: Multi meter



Output:

Tensor:

```
tensor([[8.31000e+02, 2.32000e+02, 1.38400e+03, 7.75000e+02, 9.32492e-01,  
3.10000e+01],  
       [9.87000e+02, 5.42000e+02, 1.04600e+03, 6.31000e+02, 9.06120e-01, 2.00000e+00],  
       [9.87000e+02, 3.29000e+02, 1.04800e+03, 4.22000e+02, 8.98335e-01, 2.60000e+01],  
       [9.88000e+02, 4.37000e+02, 1.04600e+03, 5.28000e+02, 9.18063e-01, 0.00000e+00],  
       [1.05000e+03, 5.42000e+02, 1.10500e+03, 6.30000e+02, 9.33552e-01, 6.00000e+00],
```

```
[1.05000e+03, 4.36000e+02, 1.10800e+03, 5.28000e+02, 9.10863e-01, 0.00000e+00],  
[1.05100e+03, 3.30000e+02, 1.10900e+03, 4.23000e+02, 8.80737e-01, 3.00000e+01],  
[1.11100e+03, 5.42000e+02, 1.16700e+03, 6.31000e+02, 9.06214e-01, 9.00000e+00],  
[1.11400e+03, 4.37000e+02, 1.16900e+03, 5.28000e+02, 9.08764e-01, 4.00000e+00],  
[1.17100e+03, 5.42000e+02, 1.22900e+03, 6.32000e+02, 9.13109e-01, 8.00000e+00],  
[1.17500e+03, 4.36000e+02, 1.23000e+03, 5.28000e+02, 9.39868e-01,  
3.00000e+00]])
```

Image 9: Single Meter



Output:

```
Formatted Detection Raw Reading: ['8', '9', '0', '9', '9', '2', '7', '2', '2', '4',
'H', '4', '7', 'E', '2', 'A', '4', '4', '7', 'P']
Overlapping Filtered Reading: ['8', '9', '0', '9', '9', '2', '7', '2', '2', '4', 'H',
'4', 'E', '2', 'A', '4', '4', '7', 'P']
Rearranged Reading: ['P', 'H', 'A', 'E', '2', '4', '2', '7', '0', '9', '2', '4', '9', '9', '2', '7']

Final Reading: PHAE242709248449927
```

Tensor:

```
tensor([[4.86000e+02, 2.51000e+02, 1.47100e+03, 1.08000e+03, 9.48930e-01,
3.10000e+01],
       [6.13000e+02, 4.08000e+02, 7.18000e+02, 5.58000e+02, 8.86289e-01, 2.10000e+01],
       [7.21000e+02, 4.10000e+02, 8.23000e+02, 5.64000e+02, 9.07393e-01, 1.50000e+01],
       [7.23000e+02, 7.31000e+02, 8.23000e+02, 8.83000e+02, 9.17994e-01, 2.00000e+00],
       [7.25000e+02, 5.75000e+02, 8.23000e+02, 7.24000e+02, 9.15961e-01, 4.00000e+00],
       [7.27000e+02, 8.92000e+02, 8.24000e+02, 1.03600e+03, 8.86832e-01, 4.00000e+00],
       [8.26000e+02, 4.10000e+02, 9.25000e+02, 5.65000e+02, 9.01400e-01, 1.00000e+01],
       [8.27000e+02, 5.73000e+02, 9.28000e+02, 7.27000e+02, 9.20621e-01, 2.00000e+00],
       [8.29000e+02, 7.34000e+02, 9.28000e+02, 8.81000e+02, 9.07327e-01, 4.00000e+00],
       [8.30000e+02, 8.89000e+02, 9.24000e+02, 1.03800e+03, 9.30561e-01, 9.00000e+00],
       [9.29000e+02, 8.89000e+02, 1.02500e+03, 1.04000e+03, 9.23621e-01, 9.00000e+00],
```

```
[9.35000e+02, 5.75000e+02, 1.02800e+03, 7.25000e+02, 9.19846e-01, 7.00000e+00],  
[9.36000e+02, 7.31000e+02, 1.02700e+03, 8.81000e+02, 9.06347e-01, 7.00000e+00],  
[1.02900e+03, 8.90000e+02, 1.12900e+03, 1.04200e+03, 9.17018e-01, 2.00000e+00],  
[1.02900e+03, 7.34000e+02, 1.12900e+03, 8.84000e+02, 9.45529e-01, 8.00000e+00],  
[1.02900e+03, 4.12000e+02, 1.12800e+03, 5.68000e+02, 9.06255e-01, 1.20000e+01],  
[1.03200e+03, 5.76000e+02, 1.13200e+03, 7.28000e+02, 9.29891e-01, 0.00000e+00],  
[1.13500e+03, 7.39000e+02, 1.23600e+03, 8.82000e+02, 8.93151e-01, 4.00000e+00],  
[1.13700e+03, 5.76000e+02, 1.23600e+03, 7.30000e+02, 9.29634e-01, 9.00000e+00],  
[1.13900e+03, 8.91000e+02, 1.23300e+03, 1.04400e+03, 8.86291e-01, 7.00000e+00],  
[1.23700e+03, 4.11000e+02, 1.34900e+03, 5.73000e+02, 9.03250e-01,  
2.00000e+00]])
```

Image 10: Single meter



Output:

```
Formatted Detection Raw Reading: ['8', '0', '0', '0', '9', '5', '4', '4', '5', '5',
'2', 'meter']
Overlapping Filtered Reading: ['8', '0', '0', '0', '9', '5', '4', '4', '5', '5']
Rearranged Reading: ['9', '5', '0', '5', '0', '0', '8', '5', '4', '4']

Final Reading: 9505008544
```

Tensor:

```
tensor([[6.62000e+02, 1.62000e+02, 1.53100e+03, 1.05300e+03, 9.48614e-01,
3.10000e+01],
       [9.14000e+02, 4.65000e+02, 9.99000e+02, 6.03000e+02, 8.83433e-01, 5.00000e+00],
       [9.25000e+02, 6.13000e+02, 1.01000e+03, 7.47000e+02, 6.02272e-01, 5.00000e+00],
       [9.26000e+02, 6.13000e+02, 1.01000e+03, 7.47000e+02, 3.67453e-01, 2.00000e+00],
       [9.98000e+02, 3.12000e+02, 1.08500e+03, 4.50000e+02, 9.13710e-01, 9.00000e+00],
       [1.00700e+03, 4.61000e+02, 1.09300e+03, 5.95000e+02, 9.22867e-01, 0.00000e+00],
       [1.01900e+03, 6.09000e+02, 1.10400e+03, 7.34000e+02, 8.98431e-01, 4.00000e+00],
       [1.09300e+03, 3.06000e+02, 1.17600e+03, 4.43000e+02, 9.11504e-01, 5.00000e+00],
       [1.10100e+03, 4.54000e+02, 1.18600e+03, 5.87000e+02, 9.17401e-01, 0.00000e+00],
       [1.11300e+03, 6.03000e+02, 1.19700e+03, 7.25000e+02, 8.89325e-01, 4.00000e+00],
       [1.18300e+03, 2.99000e+02, 1.27200e+03, 4.36000e+02, 9.14385e-01, 0.00000e+00],
       [1.19300e+03, 4.48000e+02, 1.28000e+03, 5.82000e+02, 9.31473e-01, 8.00000e+00],
```

```
[1.81500e+03, 1.08000e+02, 1.91900e+03, 9.64000e+02, 2.50789e-01,  
3.10000e+01]])
```

Image 11: Multi meter:



Output:

Tensor:

```
tensor([[8.31000e+02, 2.32000e+02, 1.38300e+03, 7.75000e+02, 9.31942e-01,  
3.10000e+01],  
       [9.87000e+02, 5.42000e+02, 1.04600e+03, 6.30000e+02, 9.08296e-01, 2.00000e+00],  
       [9.87000e+02, 3.29000e+02, 1.04800e+03, 4.22000e+02, 8.95951e-01, 2.60000e+01],  
       [9.88000e+02, 4.37000e+02, 1.04600e+03, 5.28000e+02, 9.13620e-01, 0.00000e+00],
```

```
[1.05000e+03, 5.42000e+02, 1.10700e+03, 6.31000e+02, 9.08525e-01, 2.00000e+00],  
[1.05000e+03, 4.37000e+02, 1.10800e+03, 5.28000e+02, 9.11203e-01, 0.00000e+00],  
[1.05200e+03, 3.31000e+02, 1.10800e+03, 4.22000e+02, 8.78956e-01, 3.00000e+01],  
[1.11200e+03, 5.43000e+02, 1.16700e+03, 6.32000e+02, 9.00943e-01, 3.00000e+00],  
[1.11400e+03, 4.37000e+02, 1.16900e+03, 5.28000e+02, 9.09549e-01, 4.00000e+00],  
[1.17100e+03, 5.43000e+02, 1.22900e+03, 6.32000e+02, 8.99972e-01, 0.00000e+00],  
[1.17500e+03, 4.36000e+02, 1.23000e+03, 5.29000e+02, 9.35028e-01,  
3.00000e+00]])
```