

Python GUI Project:

- Input: Converted GPX File
- Output: RSSI, RSRP, RSRQ values on Map
-
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```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  python - complete-python ⚠ + ▢ 🗑 ... | 🔍 ✕
```

- (nemoapps) zakirashid@zakerashid-ThinkPad-T420:~/Desktop/nemoApps/complete-python\$ python 6_.py
python: can't open file '/home/zakerashid/Desktop/nemoApps/complete-python/6_.py': [Errno 2] No such file or directory
- (nemoapps) zakirashid@zakerashid-ThinkPad-T420:~/Desktop/nemoApps/complete-python\$ python 6 *.py
- (nemoapps) zakirashid@zakerashid-ThinkPad-T420:~/Desktop/nemoApps/complete-python\$ python 5_*.py
- (nemoapps) zakirashid@zakerashid-ThinkPad-T420:~/Desktop/nemoApps/complete-python\$ python 6_*.py

```
█
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GPX Signal Strength Analyzer

No file selected

Browse GPX File

RSSI
(Received Signal Strength Indicator)

RSRP
(Reference Signal Received Power)

RSRQ
(Reference Signal Received Quality)

 View on Map

Results

GPX Signal Strength Analyzer

No file selected

[Browse GPX File](#)

Select GPX File

— □ ×

Directory: /home/zakirashid/Desktop/nemoApps/complete-python

☒ 4 ECM512 with signal.gpx☐ ECM512.gpx

File name:

[Open](#)

Files of type: GPX files (*.gpx)

[Cancel](#)

Results

GPX Signal Strength Analyzer

Loaded: 4_ECM512_with_signal.gpx (1385 points)

[Browse GPX File](#)

RSSI
(Received Signal Strength Indicator)

RSRP
(Reference Signal Received Power)

RSRQ
(Reference Signal Received Quality)

 [View on Map](#)

Results

✓ Successfully loaded 1385 data points
Click a button above to view signal data.

GPX Signal Strength Analyzer

Loaded: 4_ECM512_with_signal.gpx (1385 points)

Browse GPX File

1

RSSI
(Received Signal Strength Indicator)

RSRP
(Reference Signal Received Power)

RSRQ
(Reference Signal Received Quality)

3



View on Map

2

Results

RSSI (Received Signal Strength Indicator)

GPX Signal Strength Analyzer

Loaded: 4_ECM512_with_signal.gpx (1385 points)

Browse GPX File

Map Opened



The RSSI signal map has been opened in your browser.

Color coding:

- Green = Good signal
- Yellow = Medium signal
- Red = Poor signal

Click on any marker for details.

OK

Results

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RSSI (Received Signal Strength Indicator)

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