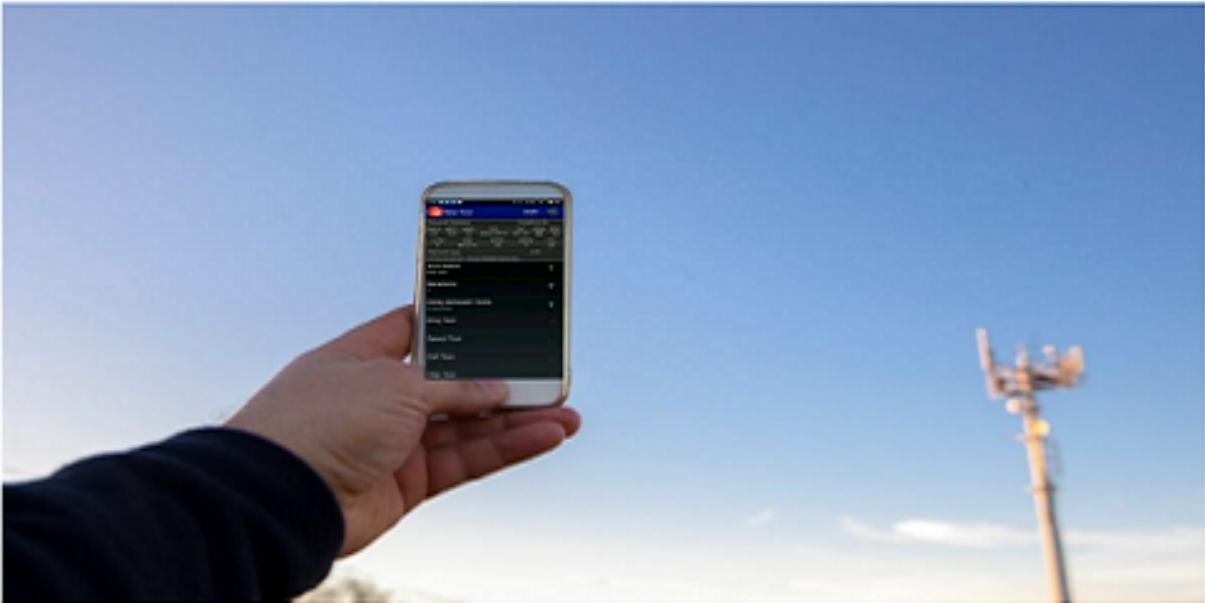


# Indoor Walk Test at Office

## Networks used Airtel and Jio



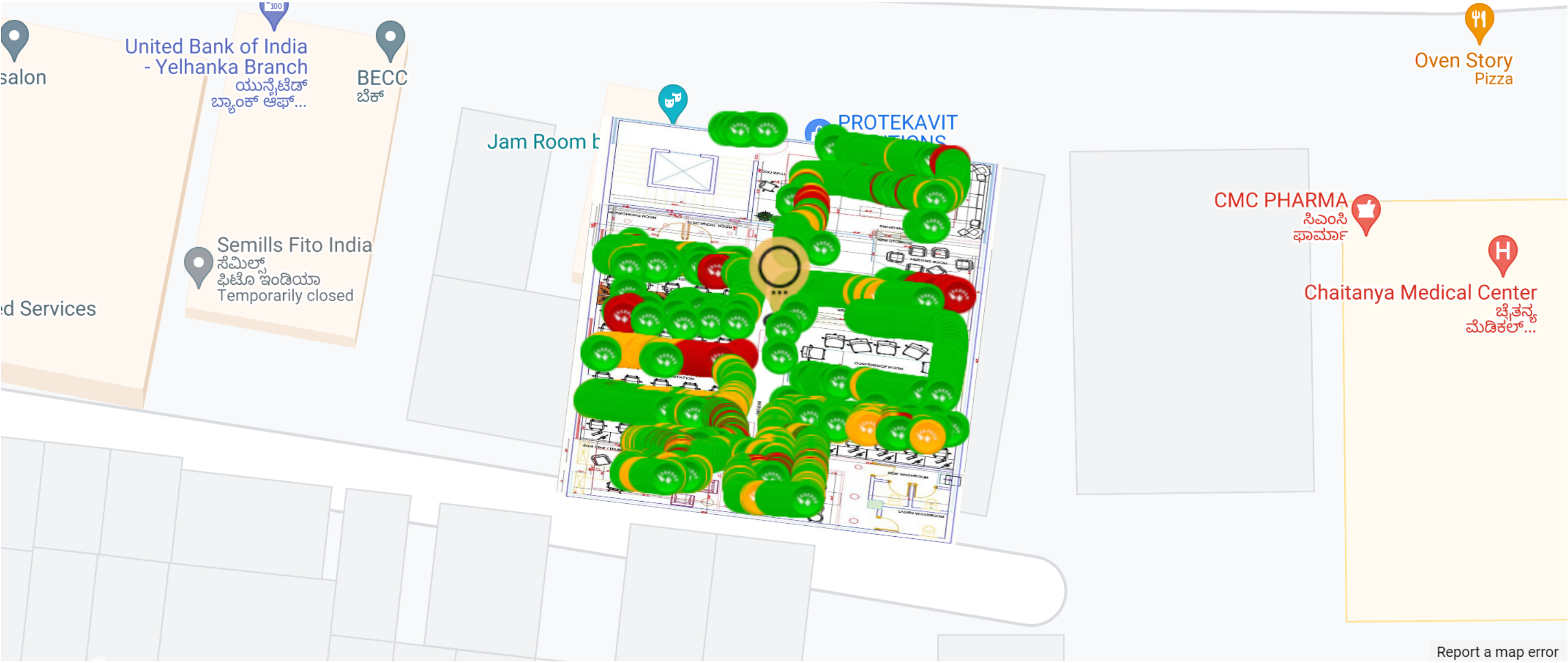
|                          |                                |
|--------------------------|--------------------------------|
| OperatorName             | 405861_Jio True5G,40445_AIRTEL |
| Test phone Model/Models  | OPPO CPH2197,Samsung SM-G781B  |
| Report Generation Time   | Apr 11, 2023 3:17:37 PM        |
| Test StartTime           | Mar 30, 2023 4:20:44 PM        |
| Test EndTime             | Mar 30, 2023 5:40:02 PM        |
| Floor Plan Name          | MegYNKoffice                   |
| Floor ID                 | 3                              |
| Http Download Speed Test | Yes                            |
| Http Upload Speed Test   | Yes                            |



We performed the test at RantCell India Office to determine which operator has the best coverage and data throughput inside the building.

Floor Plan Name :MegYNKoffice

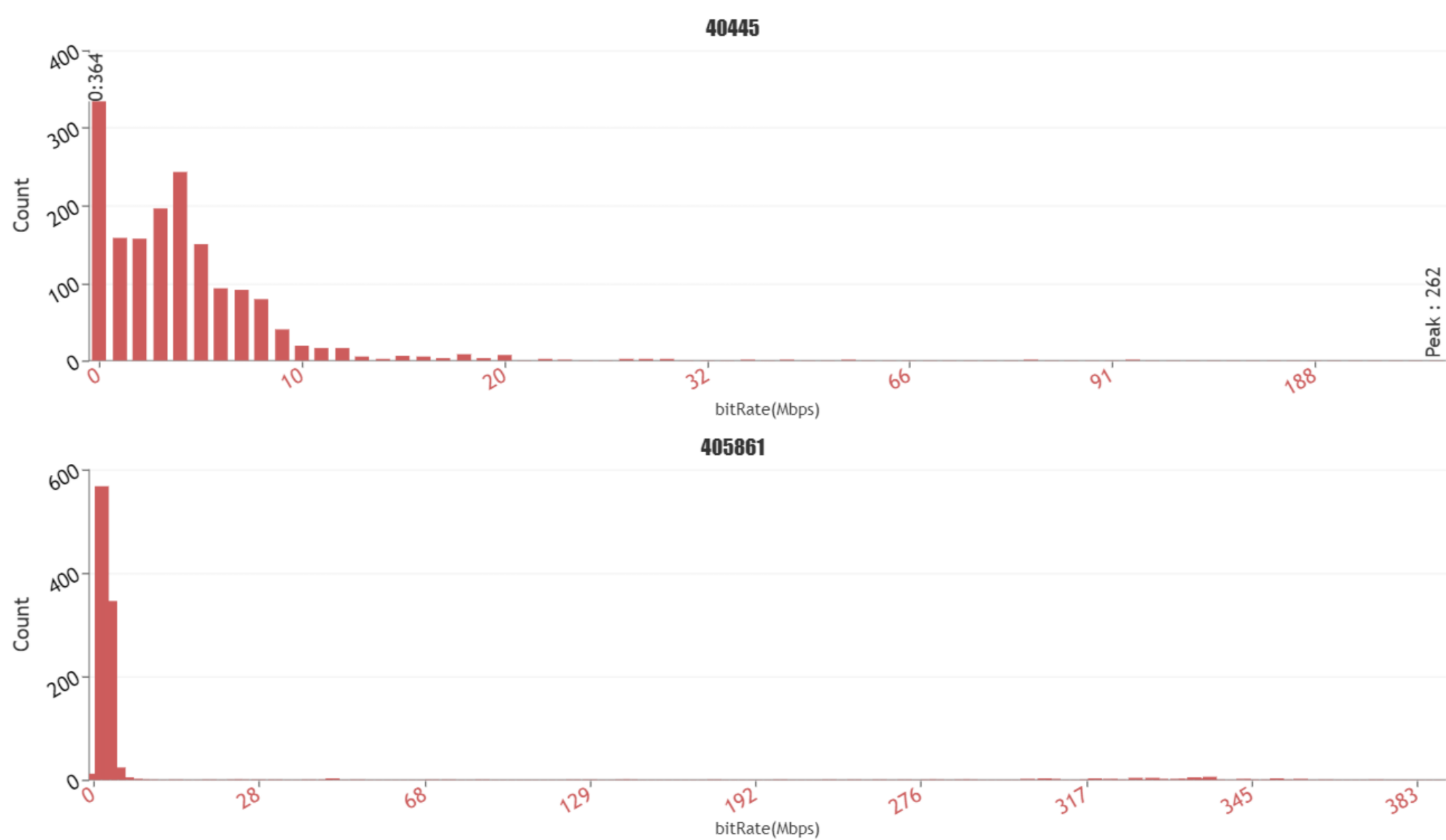
Floor ID :3



HttpDownload test KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators              | 405861                  | 40445                    |
|------------------------|-------------------------|--------------------------|
| above 1.2Mbps          | 73.4051 % (count : 886) | 72.8891 % (count : 1269) |
| 0.4Mbps - 1.19Mbps     | 25.5178 % (count : 308) | 6.8926 % (count : 120)   |
| 0Mbps - 0.39Mbps       | 1.0771 % (count : 13)   | 20.2183 % (count : 352)  |
| Average (mbps)         | 46.20                   | 6.54                     |
| Peak Speed (mbps)      | 397.51                  | 262.41                   |
| Lowest Recorded (mbps) | 0.51                    | 0.01                     |
| Total Geo samples      | 1207                    | 1741                     |

HttpDownload test distribution chart per mobile operators for 405861\_Jio True5G,40445\_AIRTEL

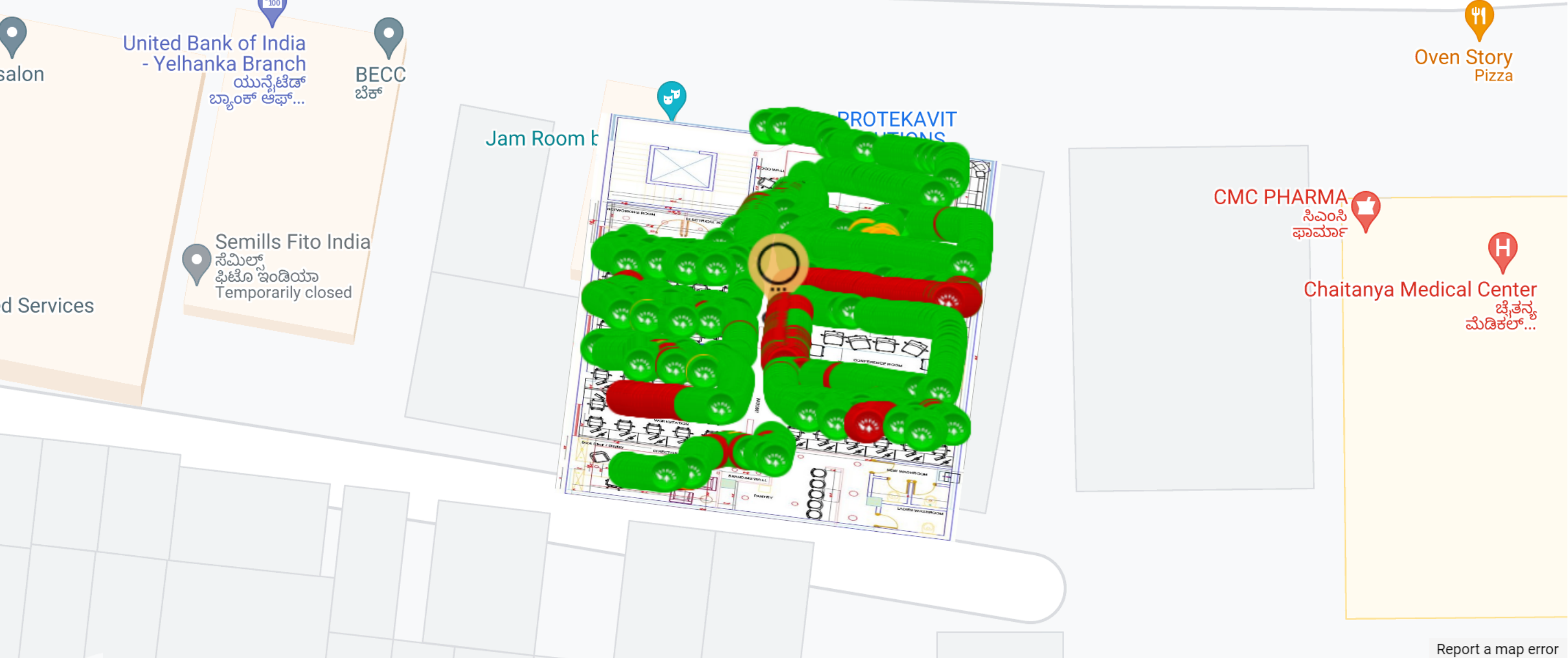




The below statistics show that Jio 5G SA - 405861 has best upload speed than Airtel 5G NSA - 40445

Floor Plan Name :MegYNKoffice

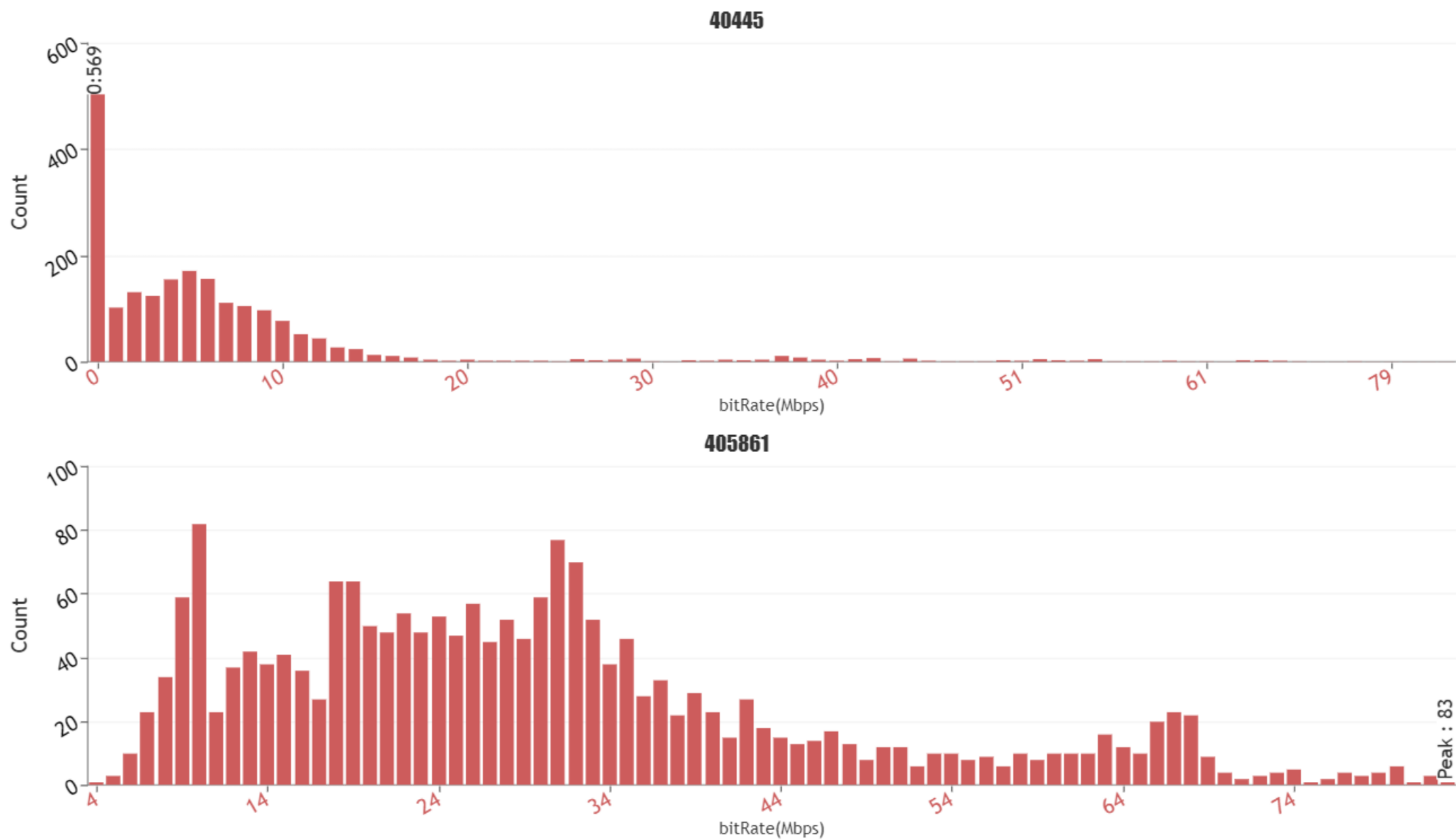
Floor ID :3



HttpUpload test KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators              | 405861                    | 40445                    |
|------------------------|---------------------------|--------------------------|
| above 0.5Mbps          | 100.0000 % (count : 1977) | 73.9269 % (count : 1619) |
| 0.2Mbps - 0.49Mbps     | 0 % (count : 0)           | 1.1872 % (count : 26)    |
| 0Mbps - 0.19Mbps       | 0 % (count : 0)           | 24.8858 % (count : 545)  |
| Average (mbps)         | 30.19                     | 7.80                     |
| Peak Speed (mbps)      | 82.61                     | 100.44                   |
| Lowest Recorded (mbps) | 3.94                      | 0.01                     |
| Total Geo samples      | 1977                      | 2190                     |

HttpUpload test distribution chart per mobile operators for 405861\_Jio True5G,40445\_AIRTEL

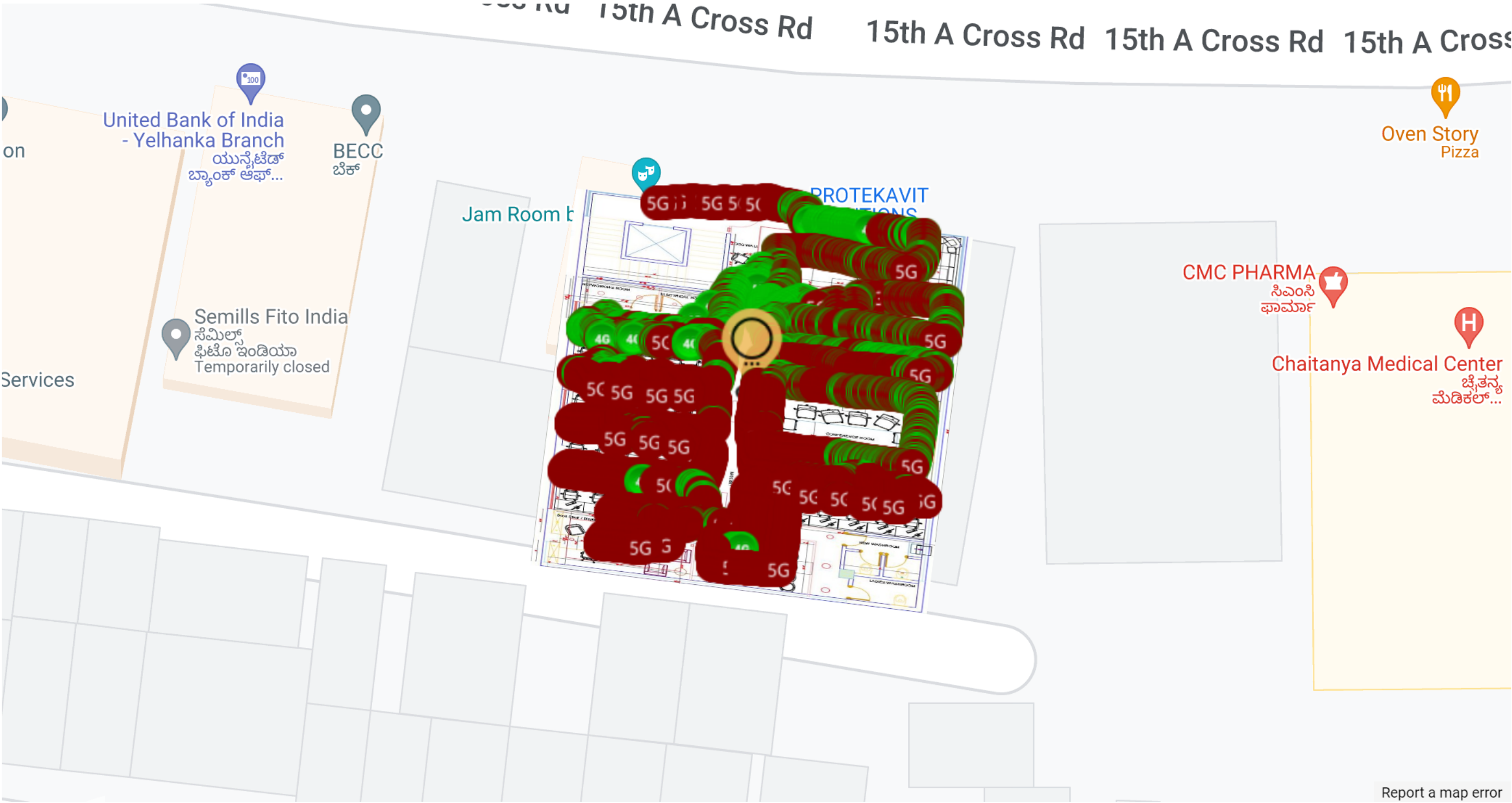






Jio 5G SA - 405861 has better 5G coverage than Airtel 5G NSA - 40445

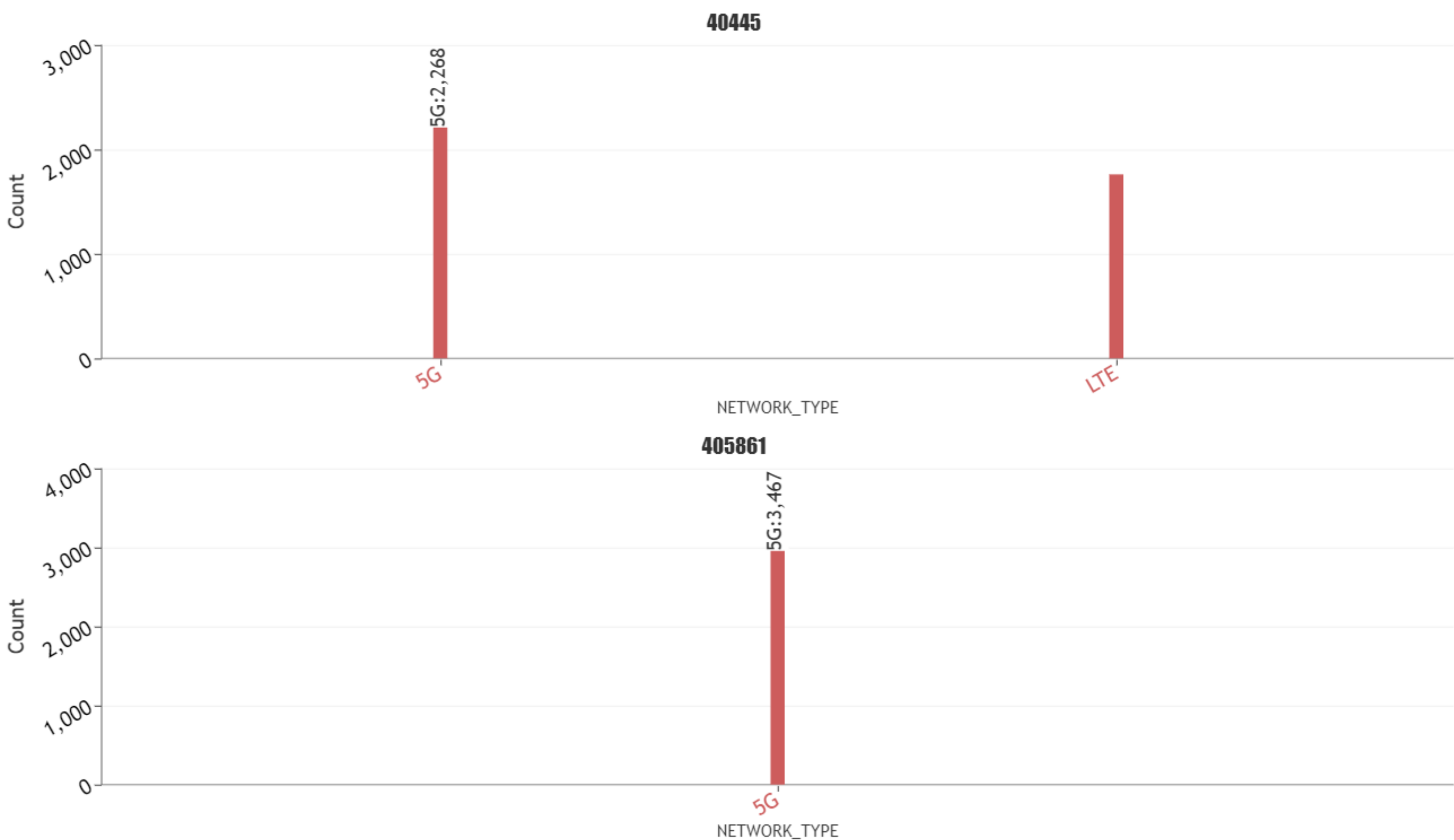
Floor Plan Name : MegYNKofficeFloor ID : 3



RAN technology statistics per mobile network operator for 405861\_Jio True5G,40445\_AIRTEL

| Network Type      | 405861    | 40445    |
|-------------------|-----------|----------|
| 5G                | 100.0000% | 56.1943% |
| 4G                | 0.0000%   | 43.8057% |
| 3G                | 0.0000%   | 0.0000%  |
| 2G                | 0.0000%   | 0.0000%  |
| CDMA              | 0.0000%   | 0.0000%  |
| NONNETWORK        | 0.0000%   | 0.0000%  |
| Total Geo samples | 3467      | 4036     |

RAN technology distribution chart per mobile network operator for 405861\_Jio True5G,40445\_AIRTEL





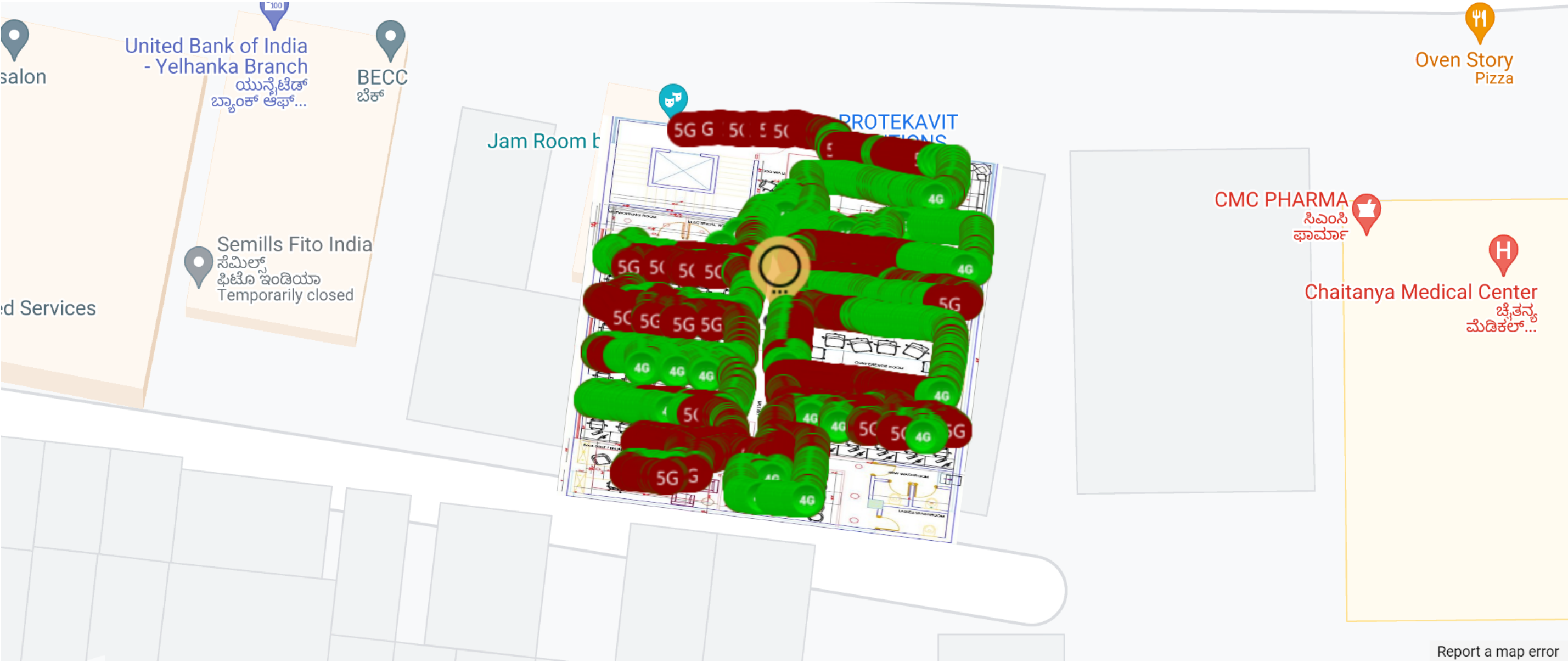
# User perceived RAN technology data connectivity statistics

Mobile data connectivity during tests for operator 405861\_Jio True5G,40445\_AIRTEL



Airtel 5G NSA is switching between LTE and 5G.

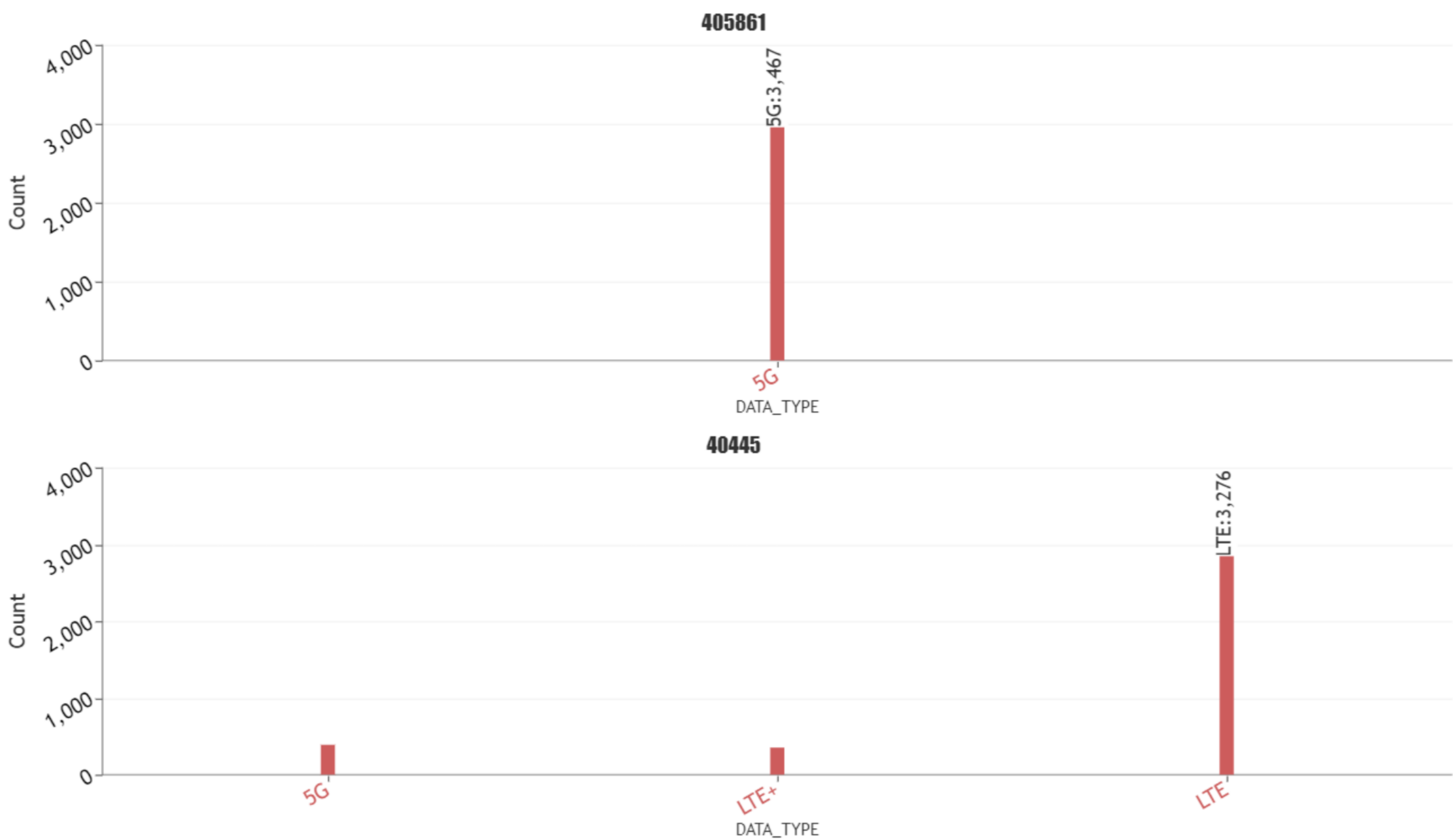
Floor Plan Name : MegYNKoffice      Floor ID : 3



Data connectivity statistics per Mobile network operator for 405861\_Jio True5G,40445\_AIRTEL

| Data Type         | 405861    | 40445    |
|-------------------|-----------|----------|
| 5G                | 100.0000% | 9.8612%  |
| 4G                | 0.0000%   | 90.1388% |
| 3G                | 0.0000%   | 0.0000%  |
| 2G                | 0.0000%   | 0.0000%  |
| CDMA              | 0.0000%   | 0.0000%  |
| WIFI              | 0.0000%   | 0.0000%  |
| NODATA            | 0.0000%   | 0.0000%  |
| Total Geo samples | 3467      | 4036     |

Data connectivity distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

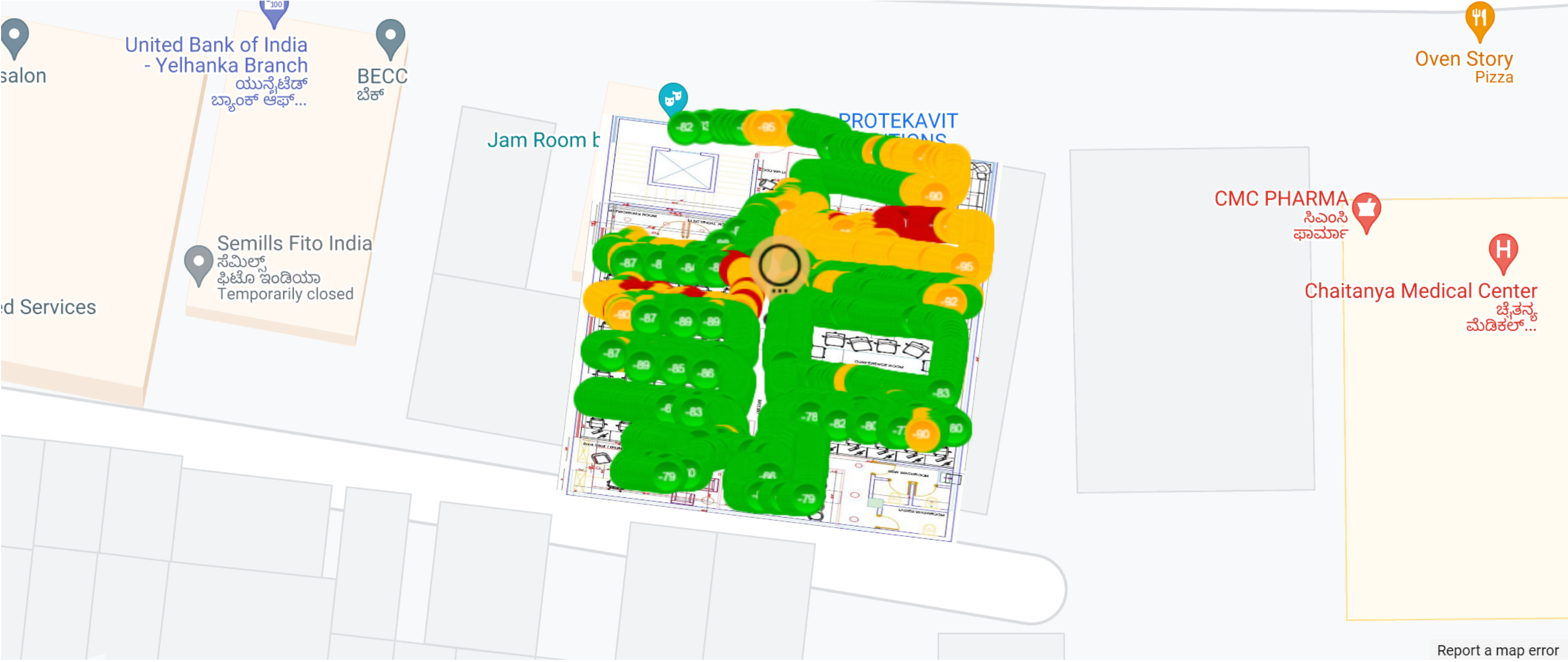




Airtel 5G NSA - 40445 has switched between LTE and 5G. RSRP results are not generated for Jio 5G SA - 405861

Floor Plan Name :MegYNKoffice

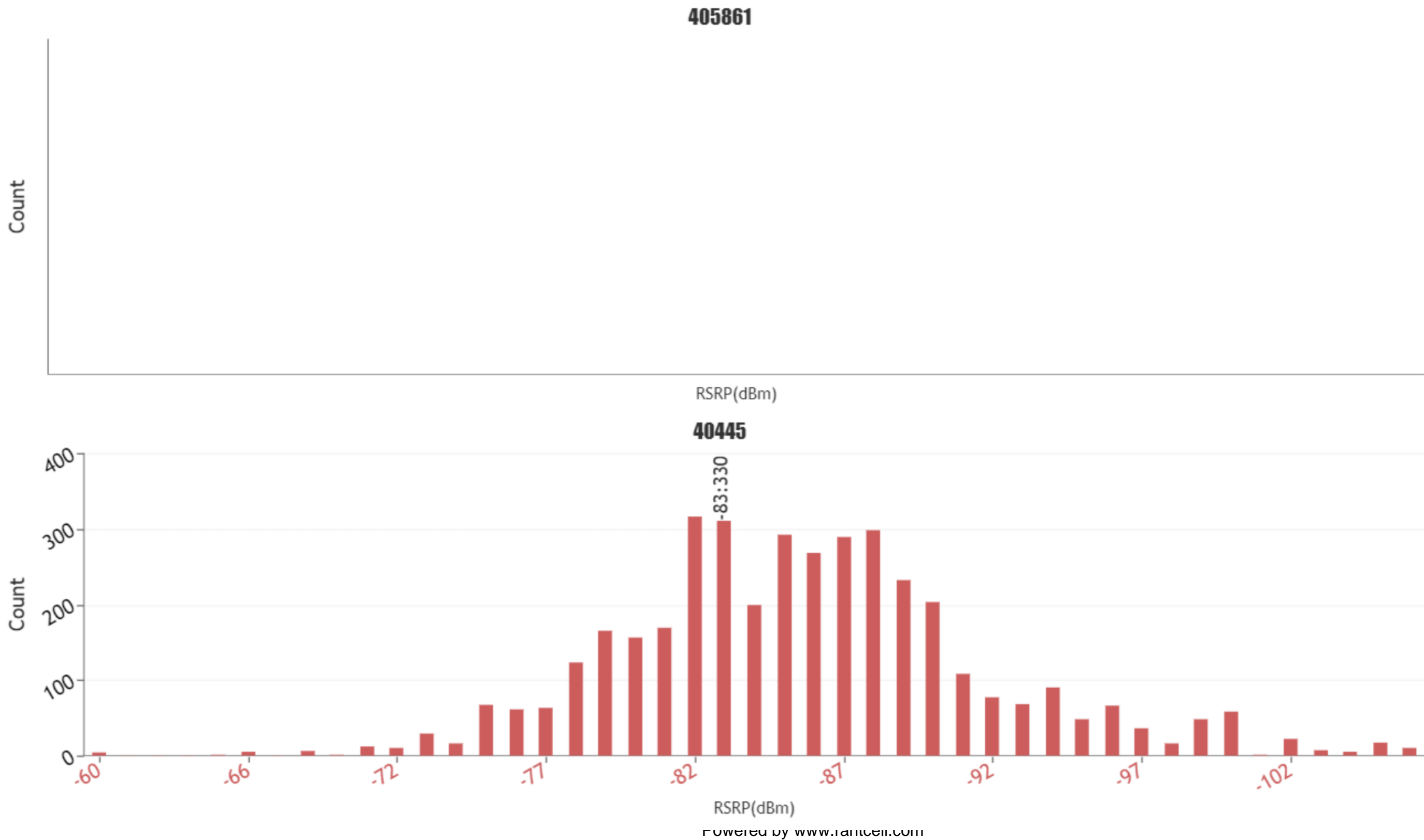
Floor ID :3



RSRP KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators              | 405861          | 40445                    |
|------------------------|-----------------|--------------------------|
| >= to -89dBm           | 0 % (count : 0) | 77.7750 % (count : 3139) |
| B/w -99dBm to -90dBm   | 0 % (count : 0) | 19.0783 % (count : 770)  |
| B/w -116dBm to -100dBm | 0 % (count : 0) | 3.1467 % (count : 127)   |
| <= -113dBm             | 0 % (count : 0) | 0 % (count : 0)          |
| Total Geo samples      | 0               | 4036                     |

RSRP distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

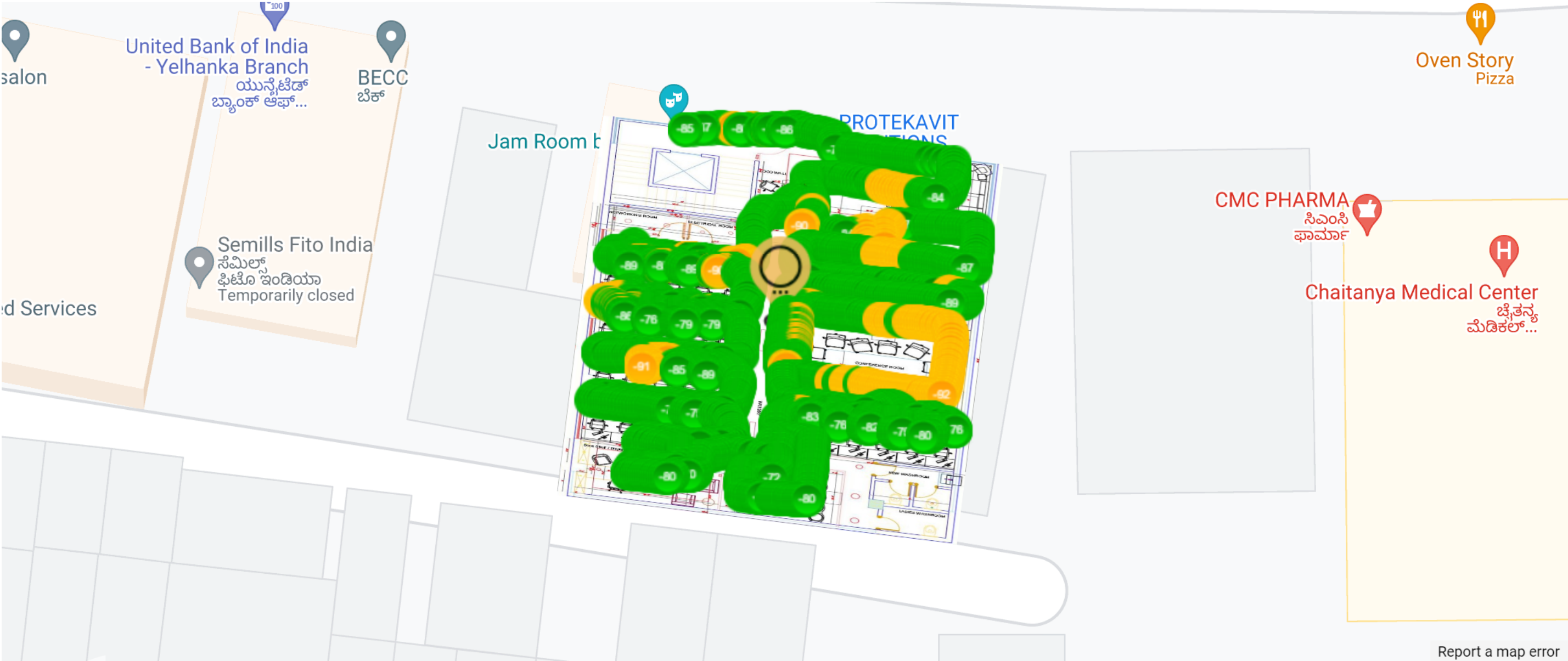






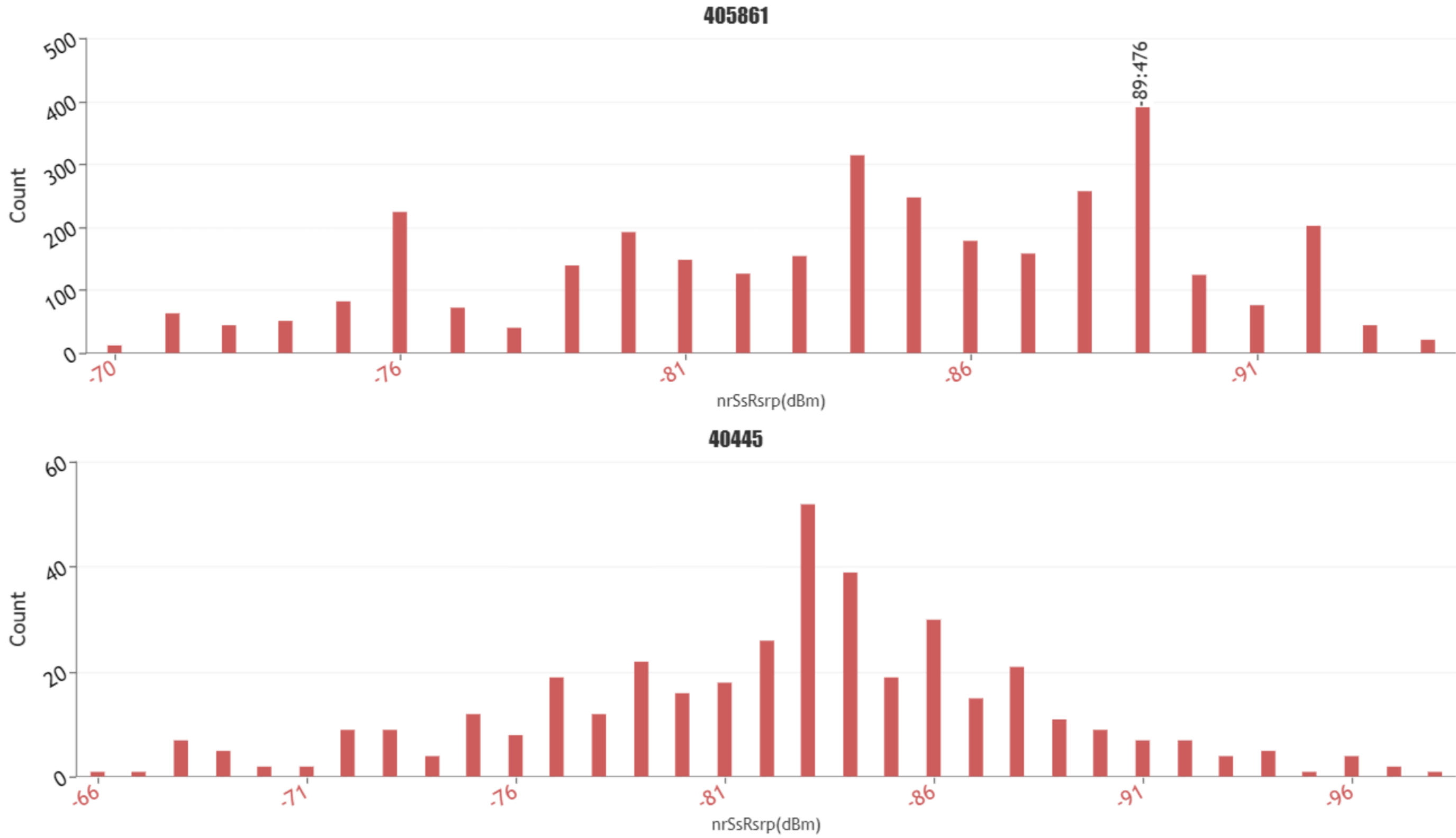
Floor Plan Name :MegYNKoffice

Floor ID :3



nrSsRsrp KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators              | 405861                   | 40445                   |
|------------------------|--------------------------|-------------------------|
| >= to -89dBm           | 86.3859 % (count : 2995) | 90.0000 % (count : 360) |
| B/w -99dBm to -90dBm   | 13.6141 % (count : 472)  | 10.0000 % (count : 40)  |
| B/w -116dBm to -100dBm | 0 % (count : 0)          | 0 % (count : 0)         |
| <= -113dBm             | 0 % (count : 0)          | 0 % (count : 0)         |



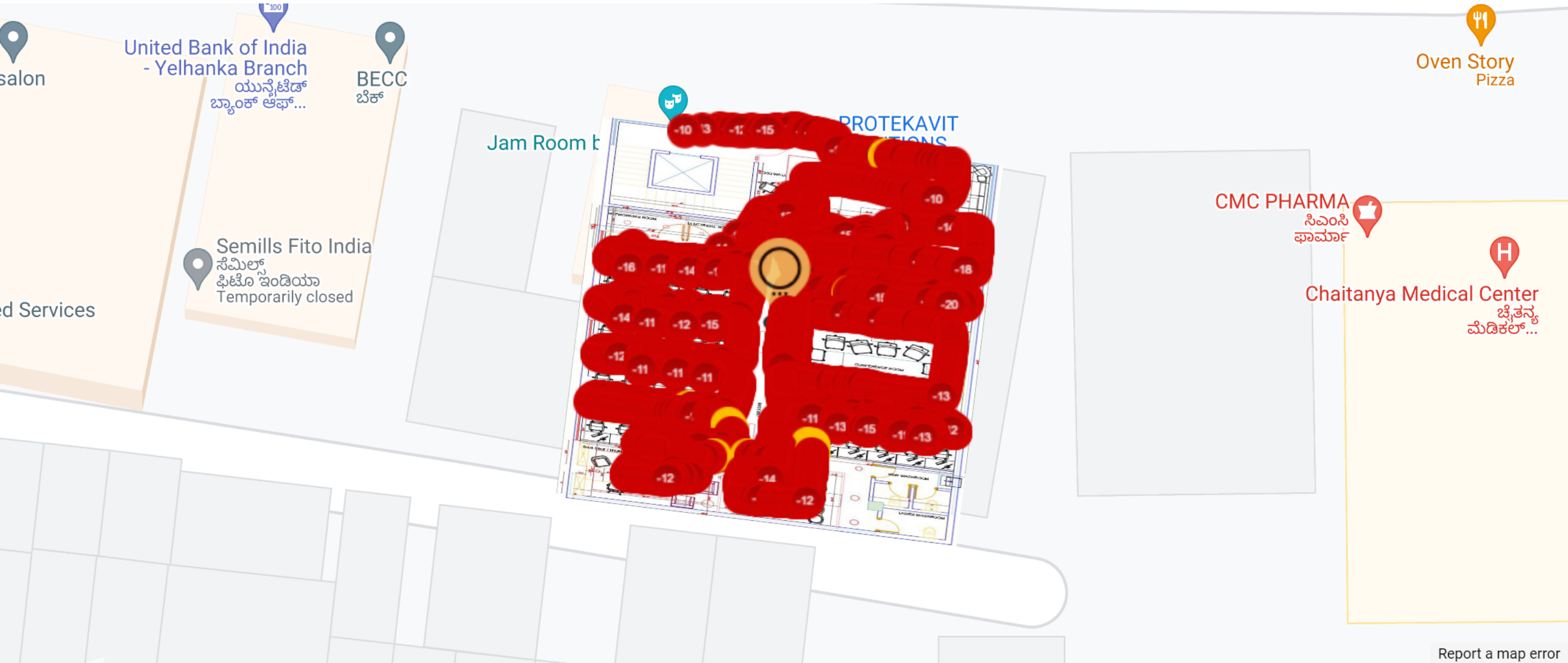




Airtel 5G NSA - 40445 has switched between LTE and 5G. RSRQ results are not generated for Jio 5G SA - 405861

Floor Plan Name :MegYNKoffice

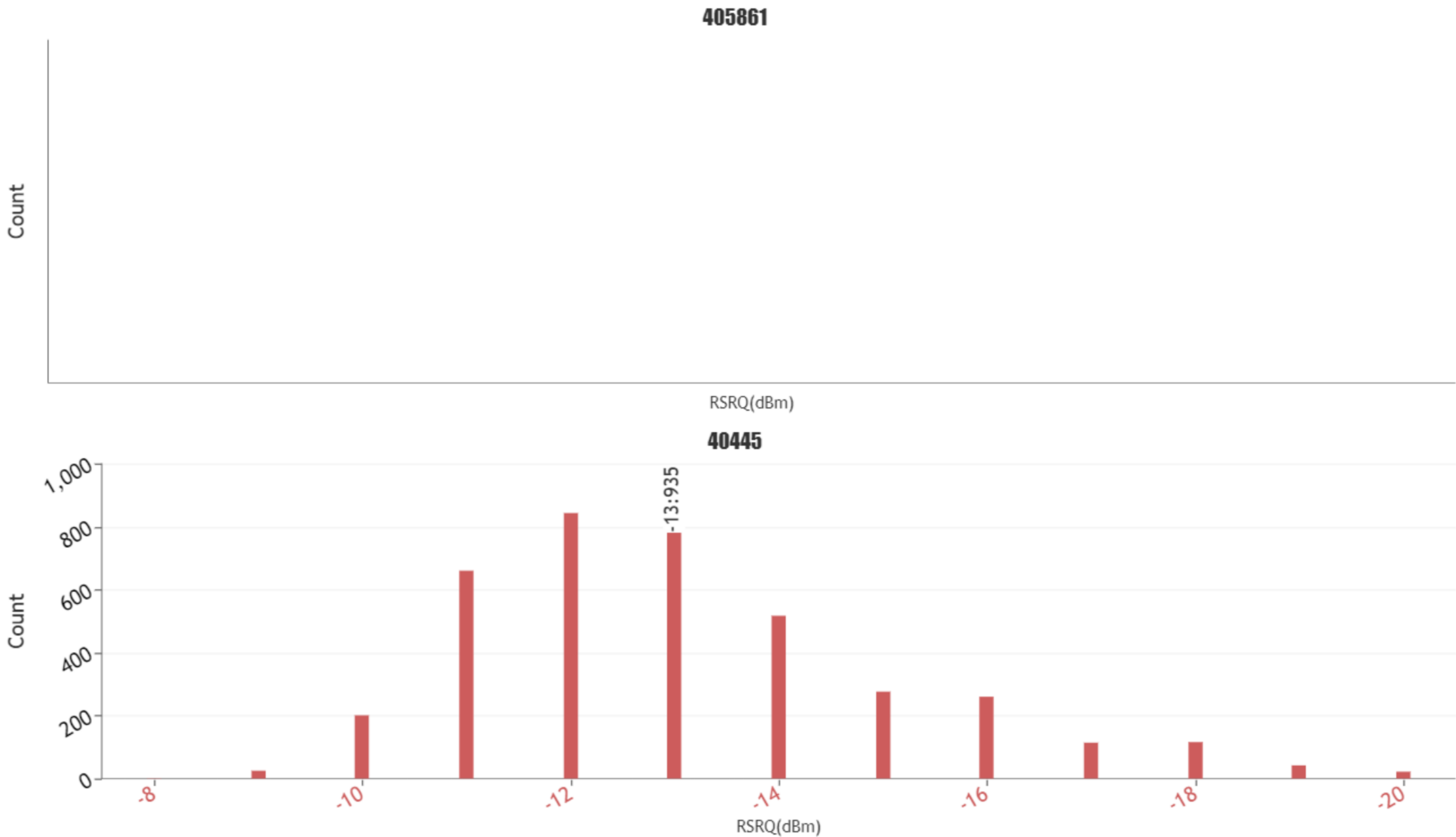
Floor ID :3

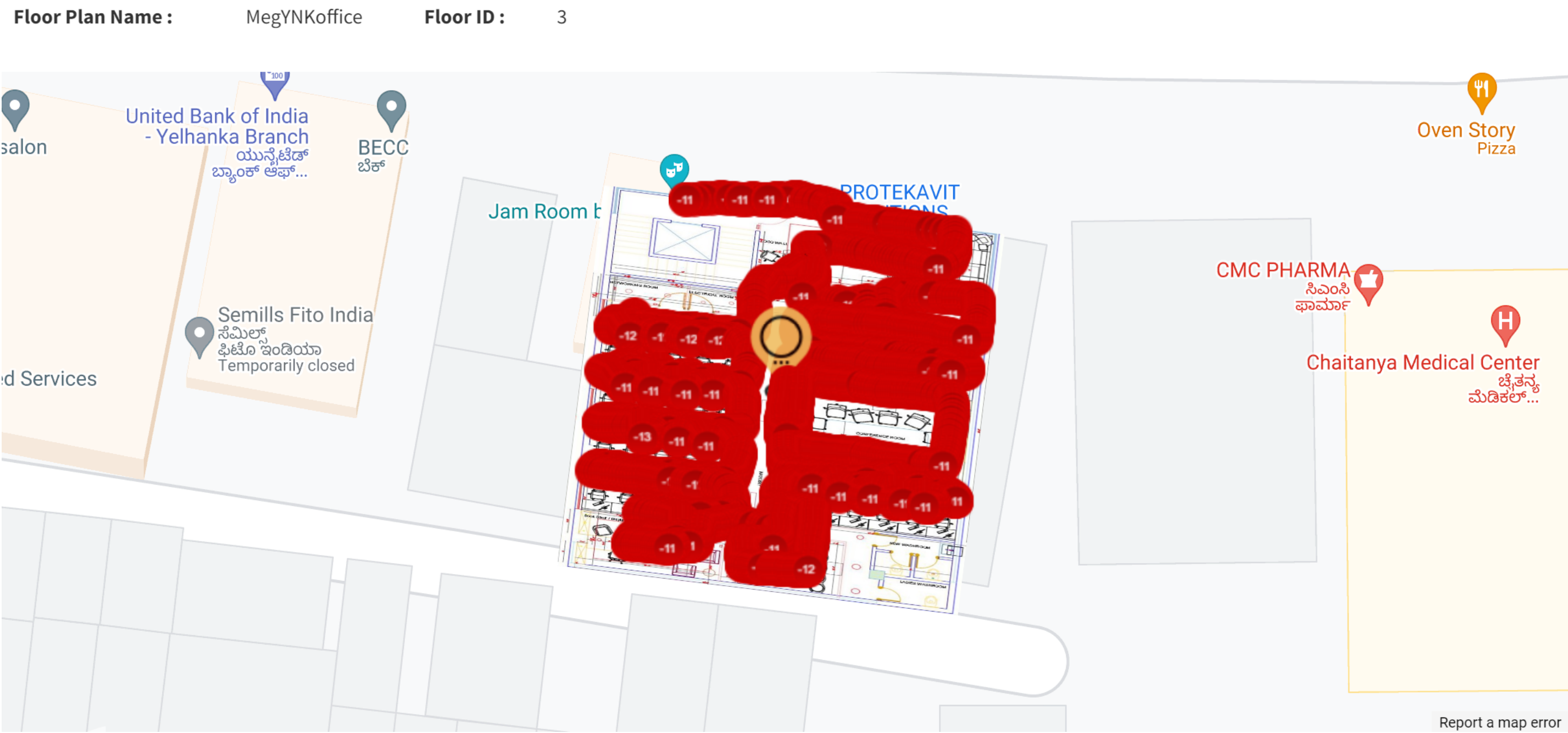


RSRQ KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators         | 405861          | 40445                    |
|-------------------|-----------------|--------------------------|
| >= to -7dB        | 0 % (count : 0) | 0 % (count : 0)          |
| B/w -8dB to -9dB  | 0 % (count : 0) | 0.7433 % (count : 30)    |
| <= -10dB          | 0 % (count : 0) | 99.2567 % (count : 4006) |
| Total Geo samples | 0               | 4036                     |

RSRQ distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

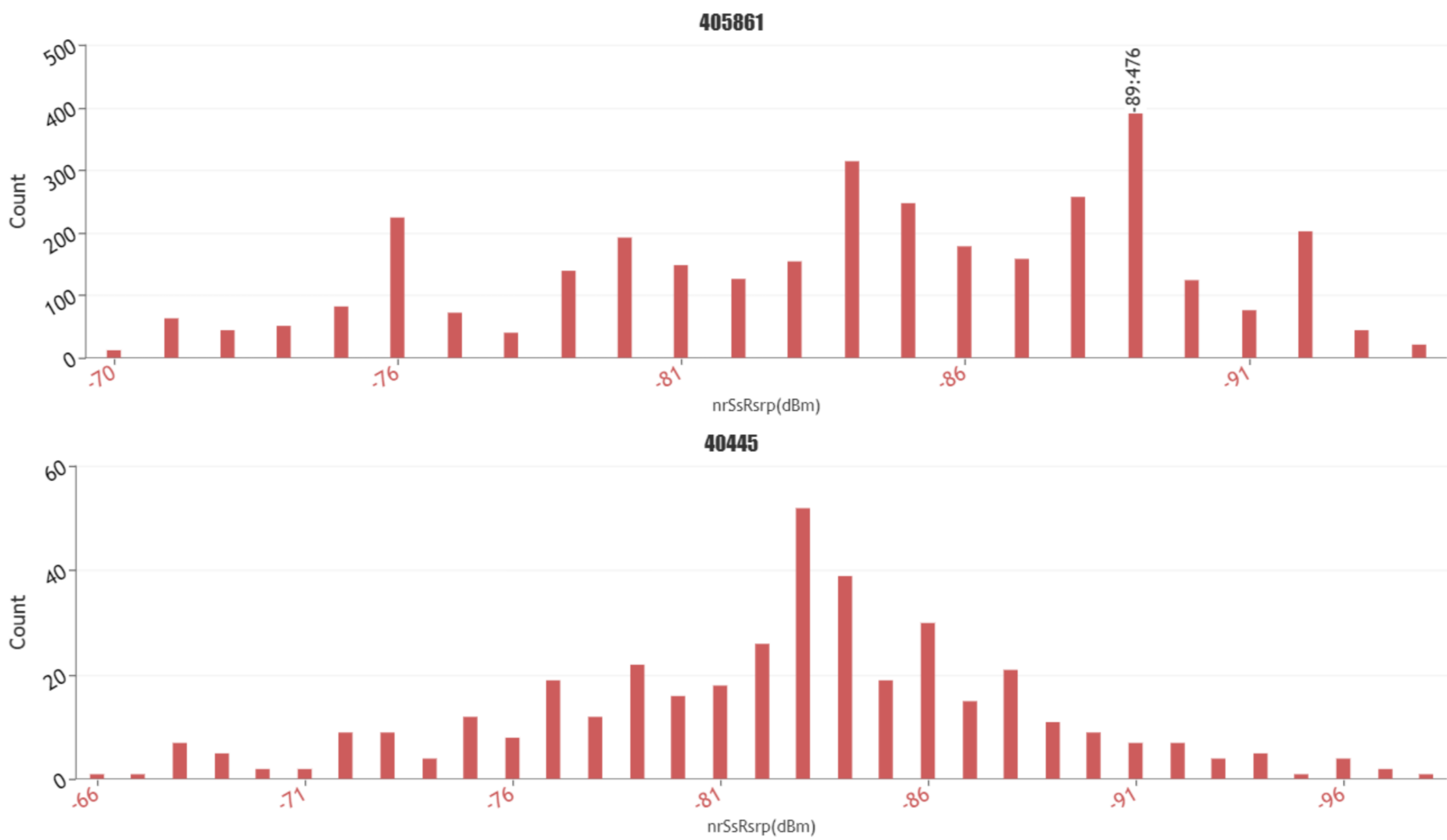




nrSsRsrq KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators         | 405861                    | 40445                    |
|-------------------|---------------------------|--------------------------|
| >= to -7dB        | 0 % (count : 0)           | 0 % (count : 0)          |
| B/w -8dB to -9dB  | 0 % (count : 0)           | 0 % (count : 0)          |
| <= -10dB          | 100.0000 % (count : 3467) | 100.0000 % (count : 400) |
| Total Geo samples | 3467                      | 400                      |

nrSsRsrq distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

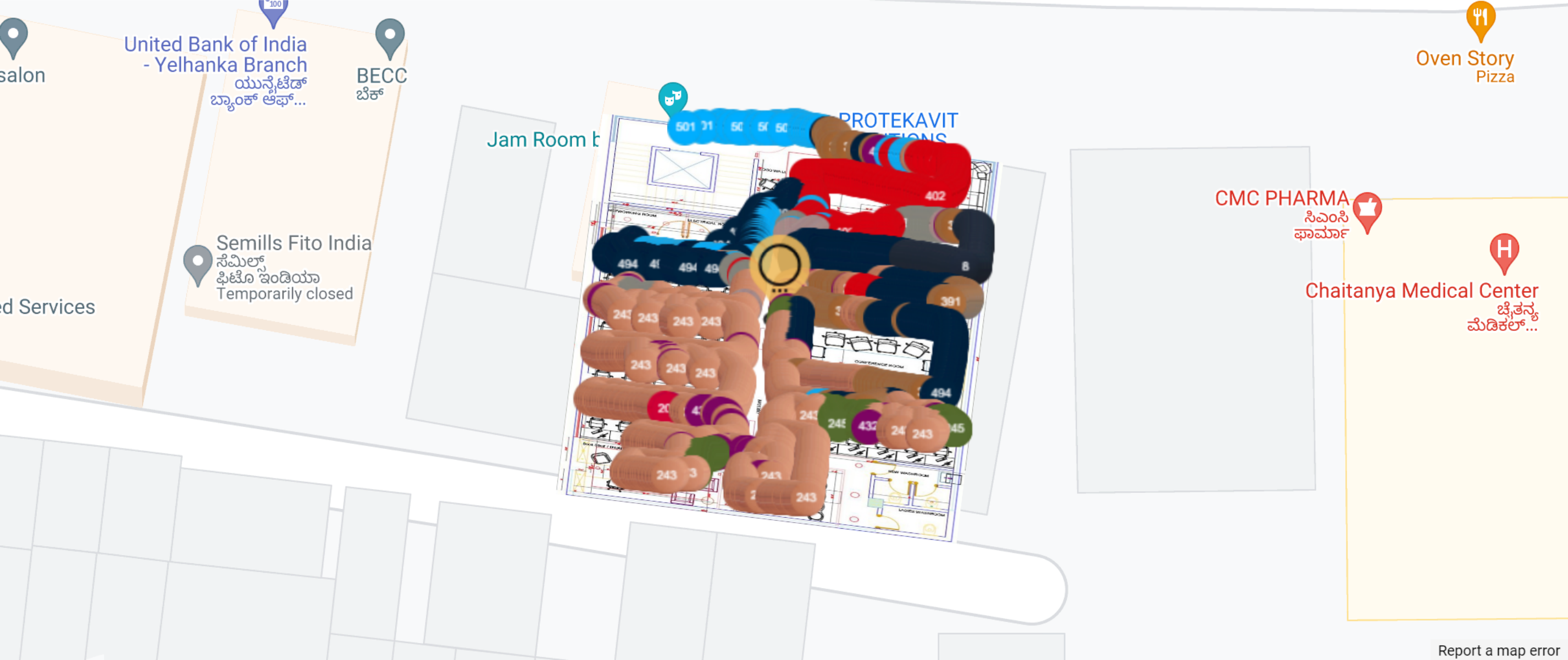




PCI results for Airtel 5G NSA - 40445

Floor Plan Name :MegYNKoffice

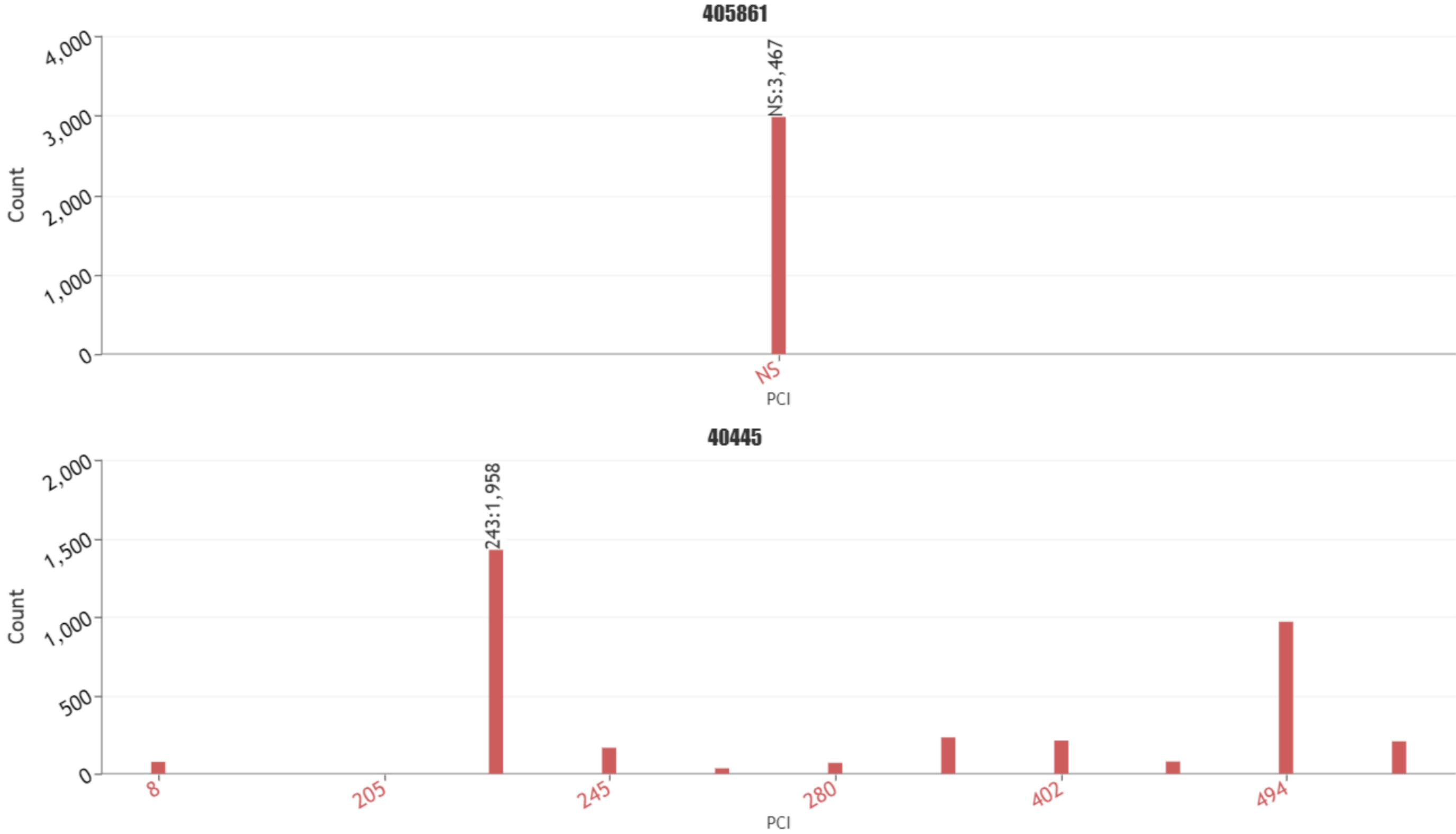
Floor ID :3



PCI KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| PCI | 40445                    |
|-----|--------------------------|
| 205 | 0.0991 % (count : 4)     |
| 243 | 48.5134 % (count : 1958) |
| 245 | 4.1873 % (count : 169)   |
| 279 | 0.9415 % (count : 38)    |
| 280 | 1.8087 % (count : 73)    |
| 391 | 5.8226 % (count : 235)   |
| 402 | 5.3271 % (count : 215)   |
| 432 | 7.0069 % (count : 81)    |

ItePCI distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

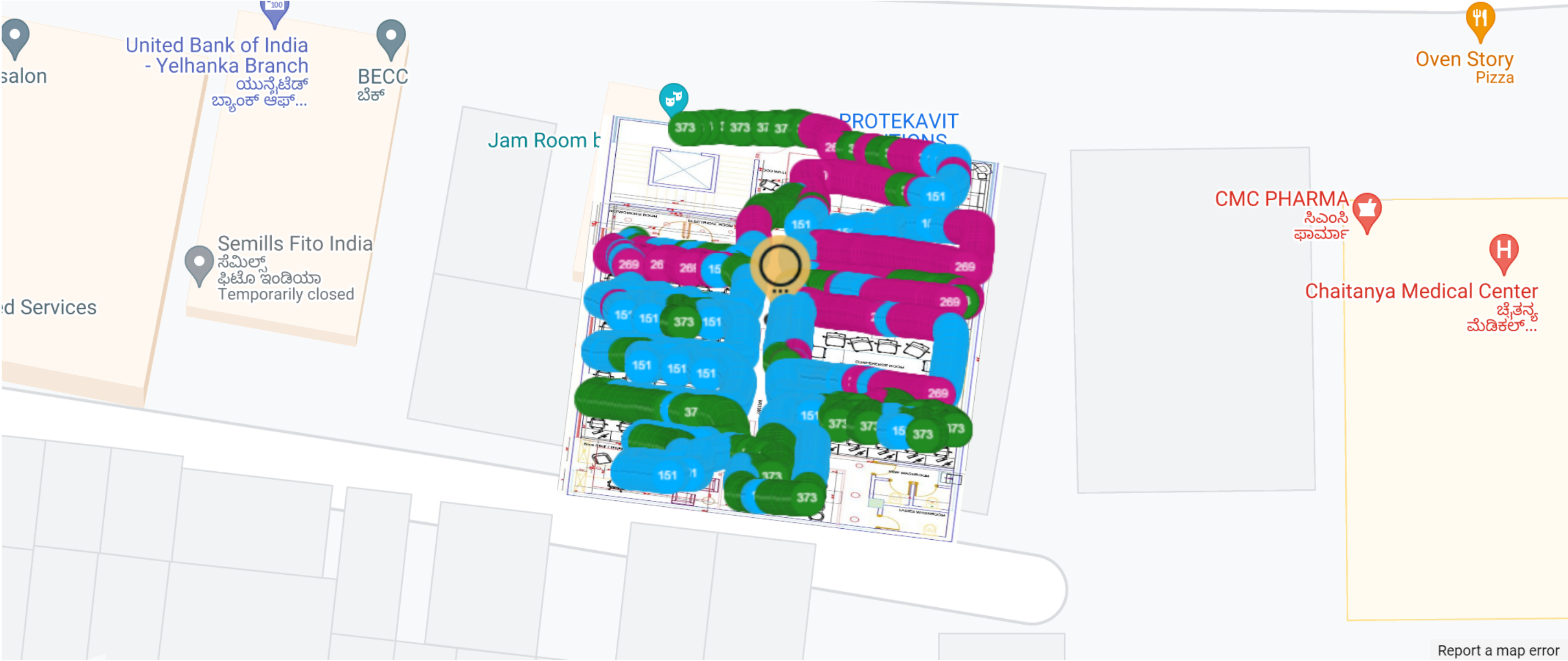






Floor Plan Name :MegYNKoffice

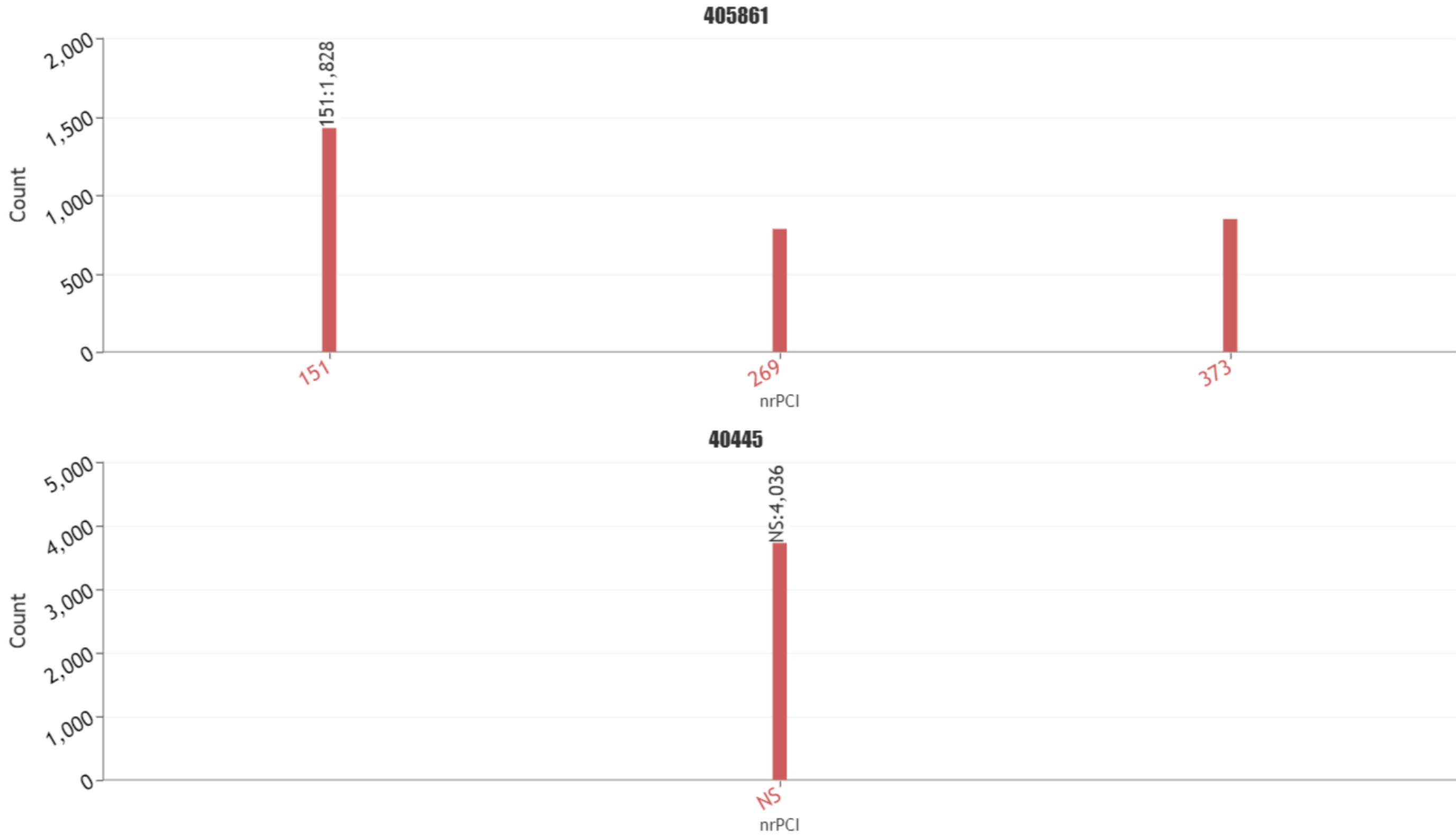
Floor ID :3



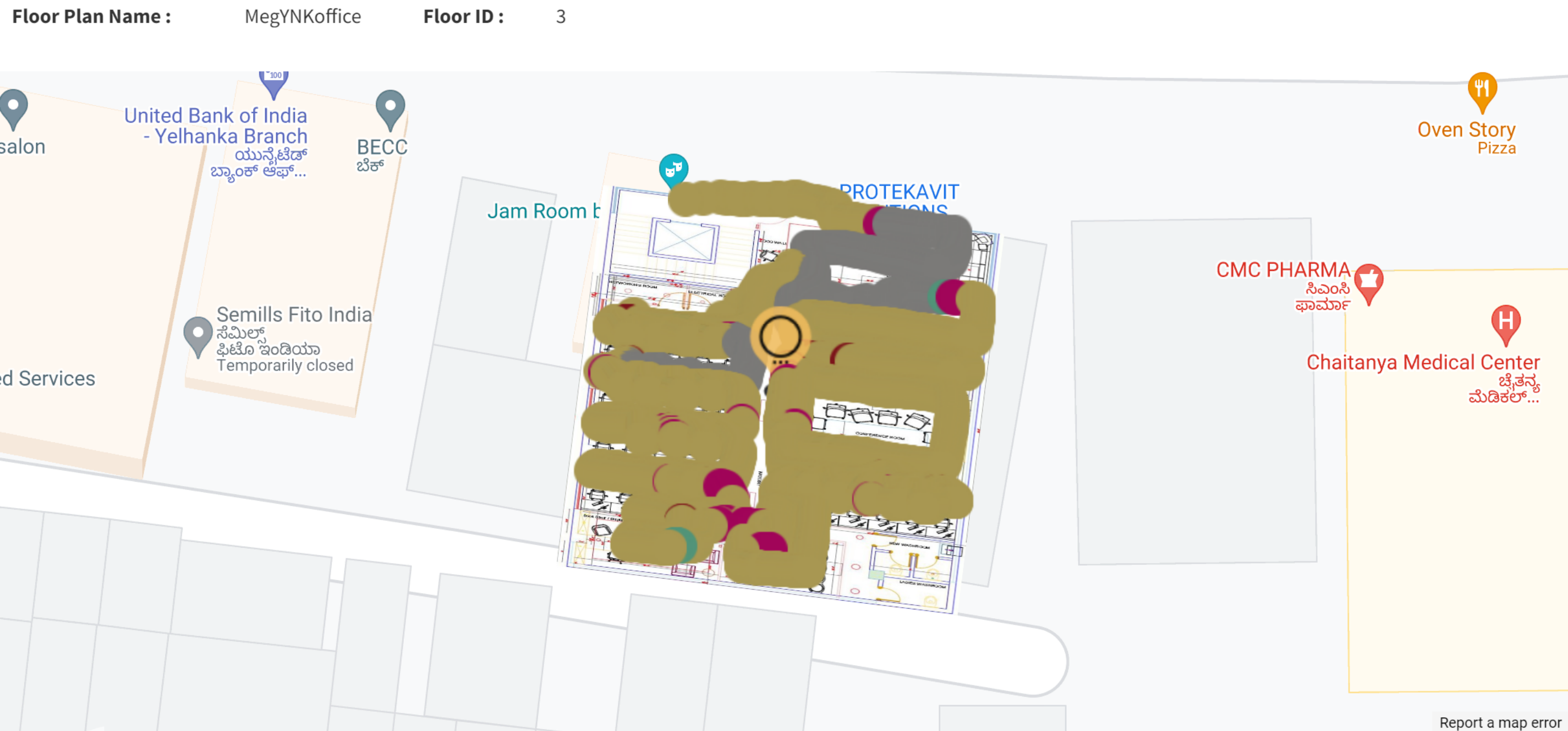
nrPCI KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| nrPCI             | 405861                   |
|-------------------|--------------------------|
| 151 151           | 52.7257 % (count : 1828) |
| 269 269           | 22.7286 % (count : 788)  |
| 373 373           | 24.5457 % (count : 851)  |
| Total Geo samples | 3467                     |






nrPci distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL



## Arfcn KPI statistics per mobile operator for operator 405861\_Jio True5G,40445\_AIRTEL



## Arfcn KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Arfcn   | 40445                    |
|---|--------------------------|
|  1301  | 86.8434 % (count : 3505) |
|  240   | 10.5798 % (count : 427)  |
|  3626  | 0.2725 % (count : 11)    |
|  39125 | 0.7929 % (count : 32)    |
|  39275 | 1.5114 % (count : 61)    |
| Total Geo samples   | 4036                     |

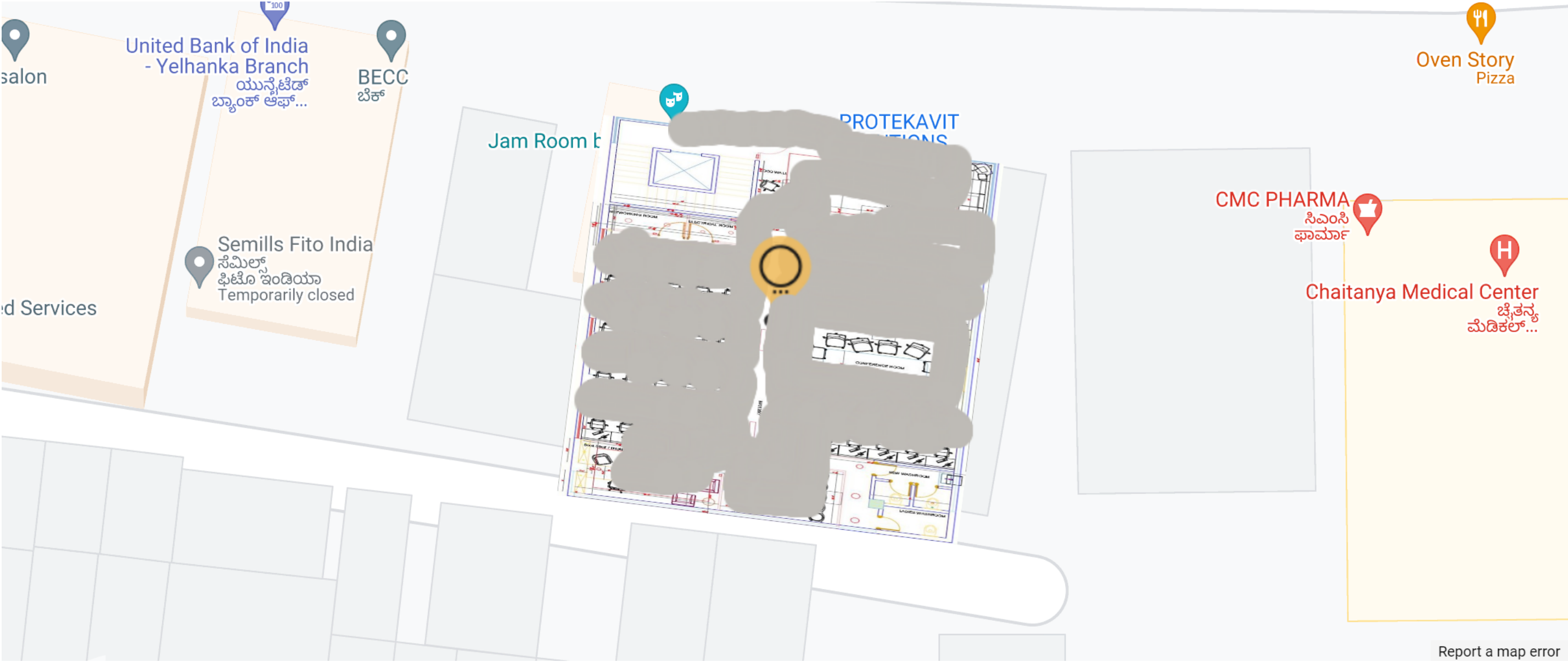


Floor Plan Name :

MegYNKoffice

Floor ID :

3



nrArfcn KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

|                   |                           |
|-------------------|---------------------------|
| nrArfcn           | 405861                    |
| <div></div>       | 100.0000 % (count : 3467) |
| Total Geo samples | 3467                      |

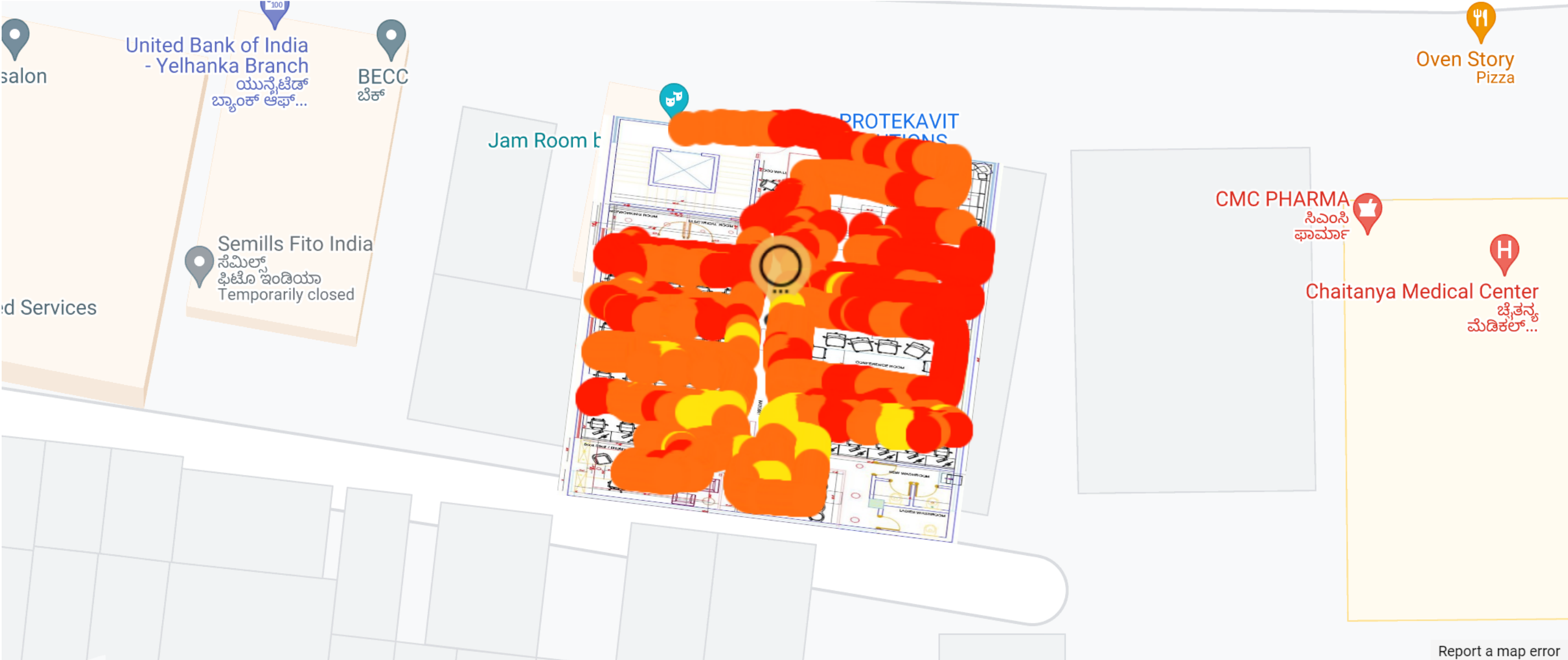


LTESNR view

LTESNR KPI statistics per mobile operator for operator 405861\_Jio True5G,40445\_AIRTEL



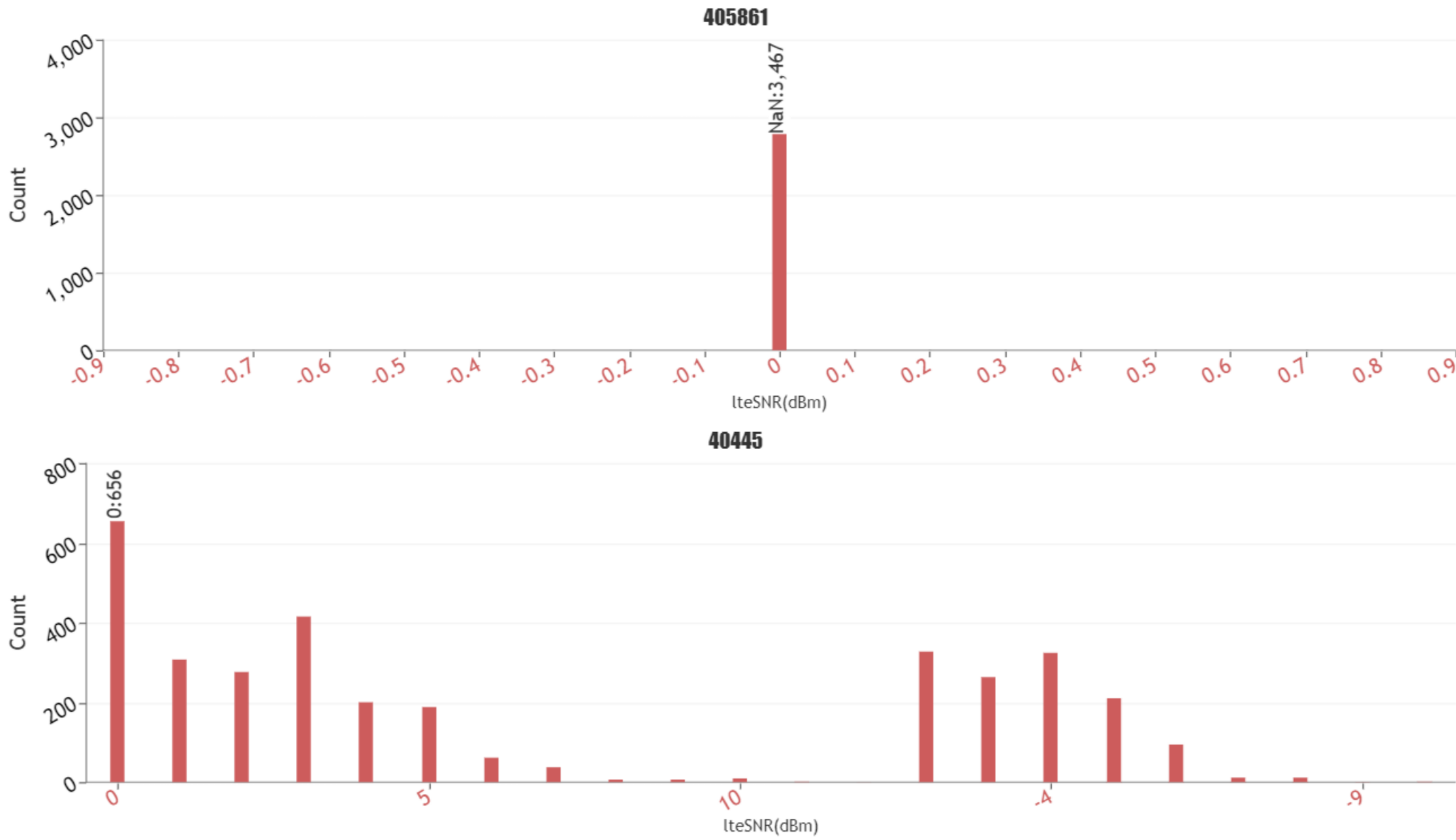
Floor Plan Name : MegYNKoffice      Floor ID : 3



LTESNR KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

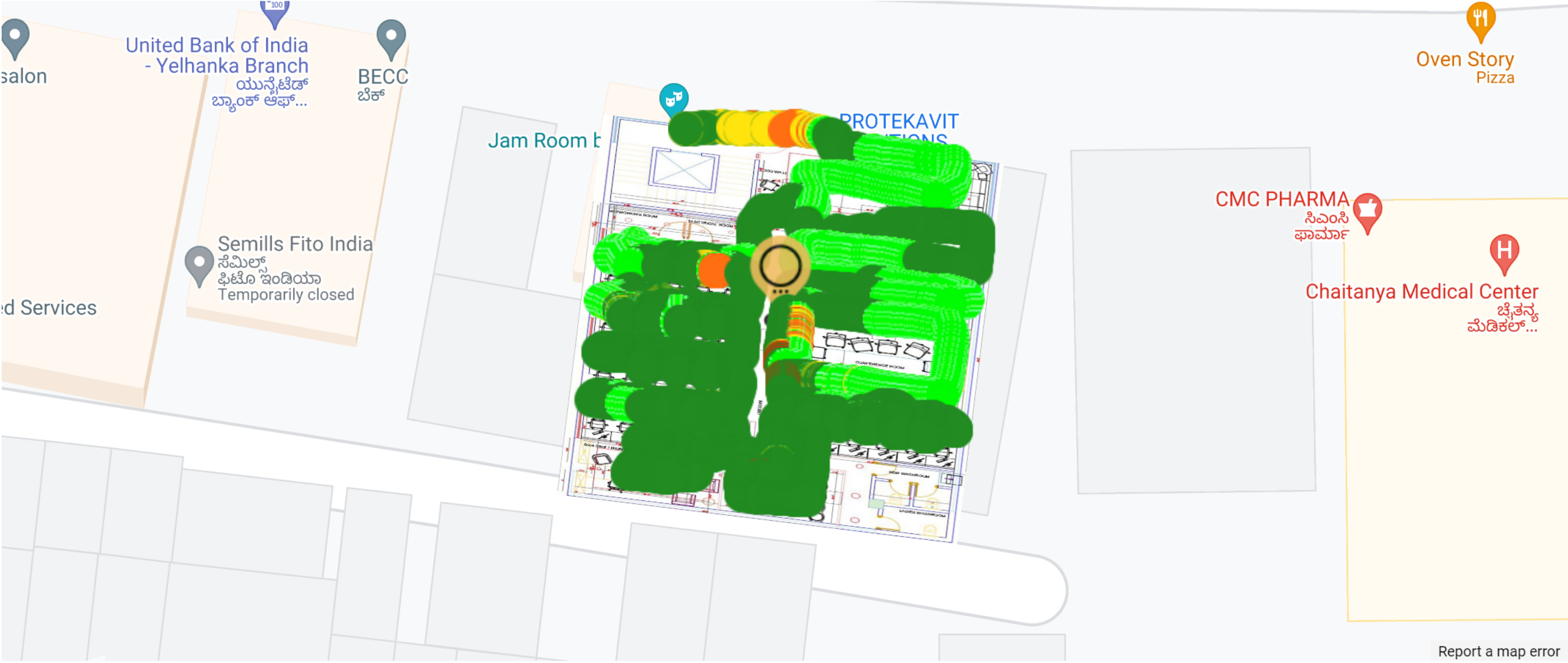
| Operators          | 405861          | 40445                    |
|--------------------|-----------------|--------------------------|
| >= to 30dB         | 0 % (count : 0) | 0 % (count : 0)          |
| B/w 18dB to 29dB   | 0 % (count : 0) | 0 % (count : 0)          |
| B/w 12dB to 17dB   | 0 % (count : 0) | 0.0290 % (count : 1)     |
| B/w 5dB to 11dB    | 0 % (count : 0) | 9.3496 % (count : 322)   |
| B/w 0dB to 4dB     | 0 % (count : 0) | 54.0650 % (count : 1862) |
| B/w -20dB to -1dB  | 0 % (count : 0) | 36.5563 % (count : 1259) |
| B/w -31dB to -21dB | 0 % (count : 0) | 0 % (count : 0)          |
| <= -32dB           | 0 % (count : 0) | 0 % (count : 0)          |
| Total Geo samples  | 0               | 3444                     |

LTESNR distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL





Floor Plan Name : MegYNKoffice      Floor ID : 3



nrSsSinr KPI statistics per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

| Operators          | 405861                   | 40445                   |
|--------------------|--------------------------|-------------------------|
| >= to 30dB         | 0.3173 % (count : 11)    | 0 % (count : 0)         |
| B/w 18dB to 29dB   | 73.0603 % (count : 2533) | 10.7769 % (count : 43)  |
| B/w 12dB to 17dB   | 26.6224 % (count : 923)  | 31.0777 % (count : 124) |
| B/w 5dB to 11dB    | 0 % (count : 0)          | 39.0977 % (count : 156) |
| B/w 0dB to 4dB     | 0 % (count : 0)          | 15.5388 % (count : 62)  |
| B/w -20dB to -1dB  | 0 % (count : 0)          | 3.5088 % (count : 14)   |
| B/w -31dB to -21dB | 0 % (count : 0)          | 0 % (count : 0)         |
| <= -32dB           | 0 % (count : 0)          | 0 % (count : 0)         |
| Total Geo samples  | 3467                     | 399                     |

nrSsSinr distribution chart per mobile operator for 405861\_Jio True5G,40445\_AIRTEL

