

EXHIBIT

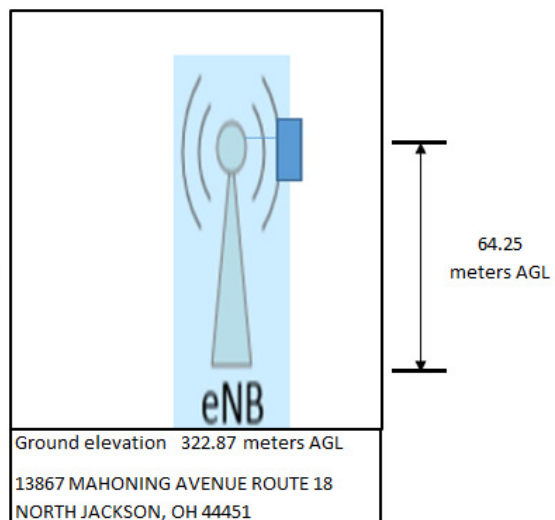
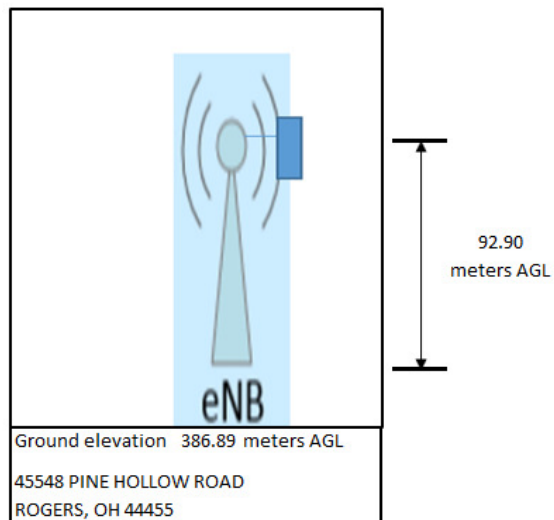
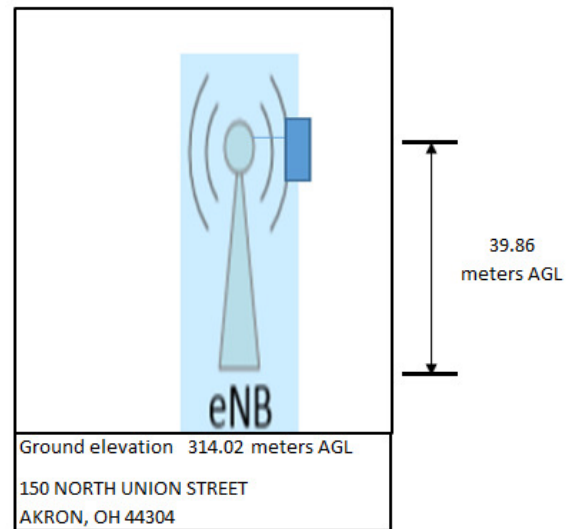
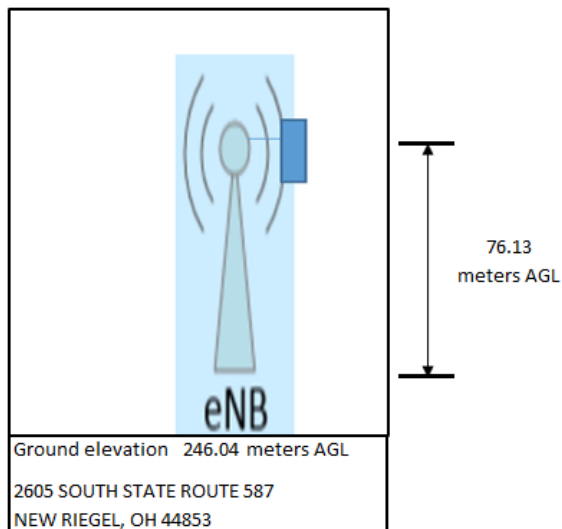
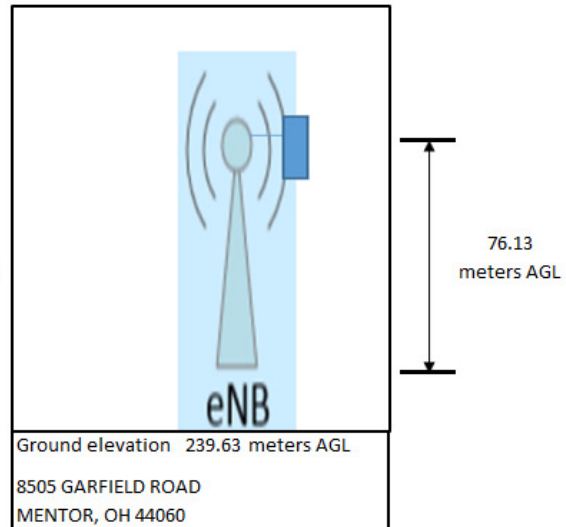
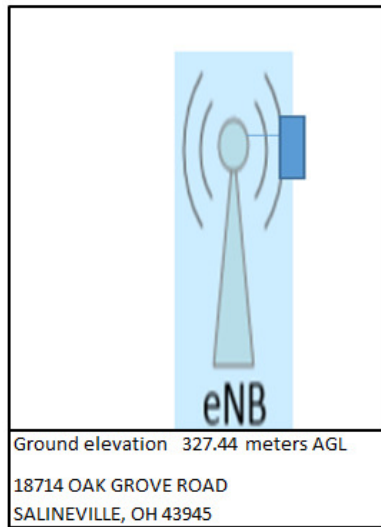
Applicant requests a six (6) month (from 4/15/2019 to 10/15/2019) experimental license to conduct fixed and mobile tests using various experimental wireless equipment operating in the 3.5 GHz band at addresses provided above and in the map below.

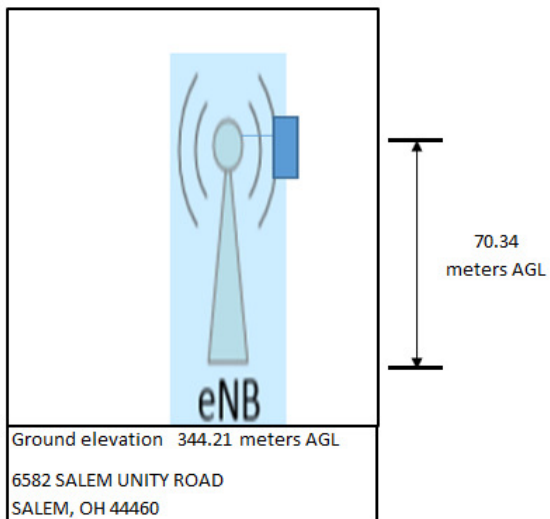
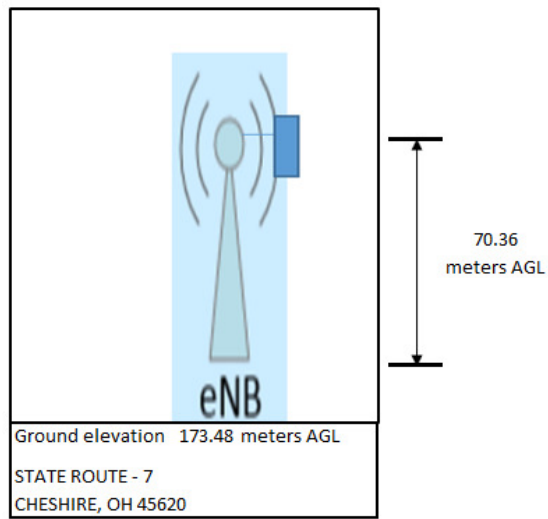
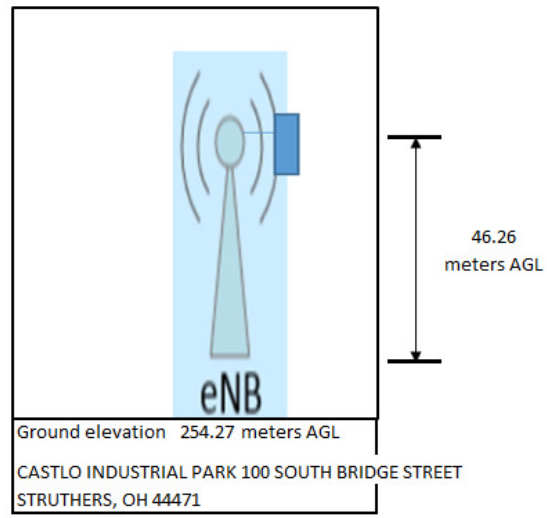
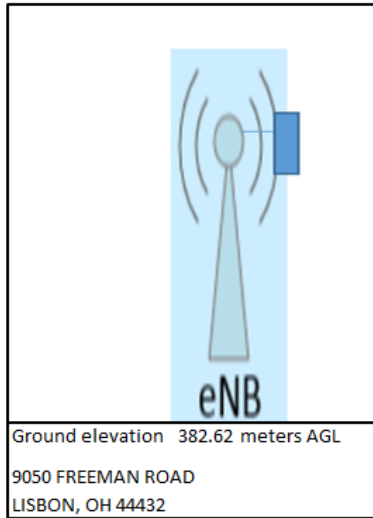
Applicant will conduct testing to evaluate network and product performance prior to production under expected use conditions in an actual performance environment. Applicant's testing and the expected experimental equipment would support potential fixed wireless applications, including video and data transmissions.

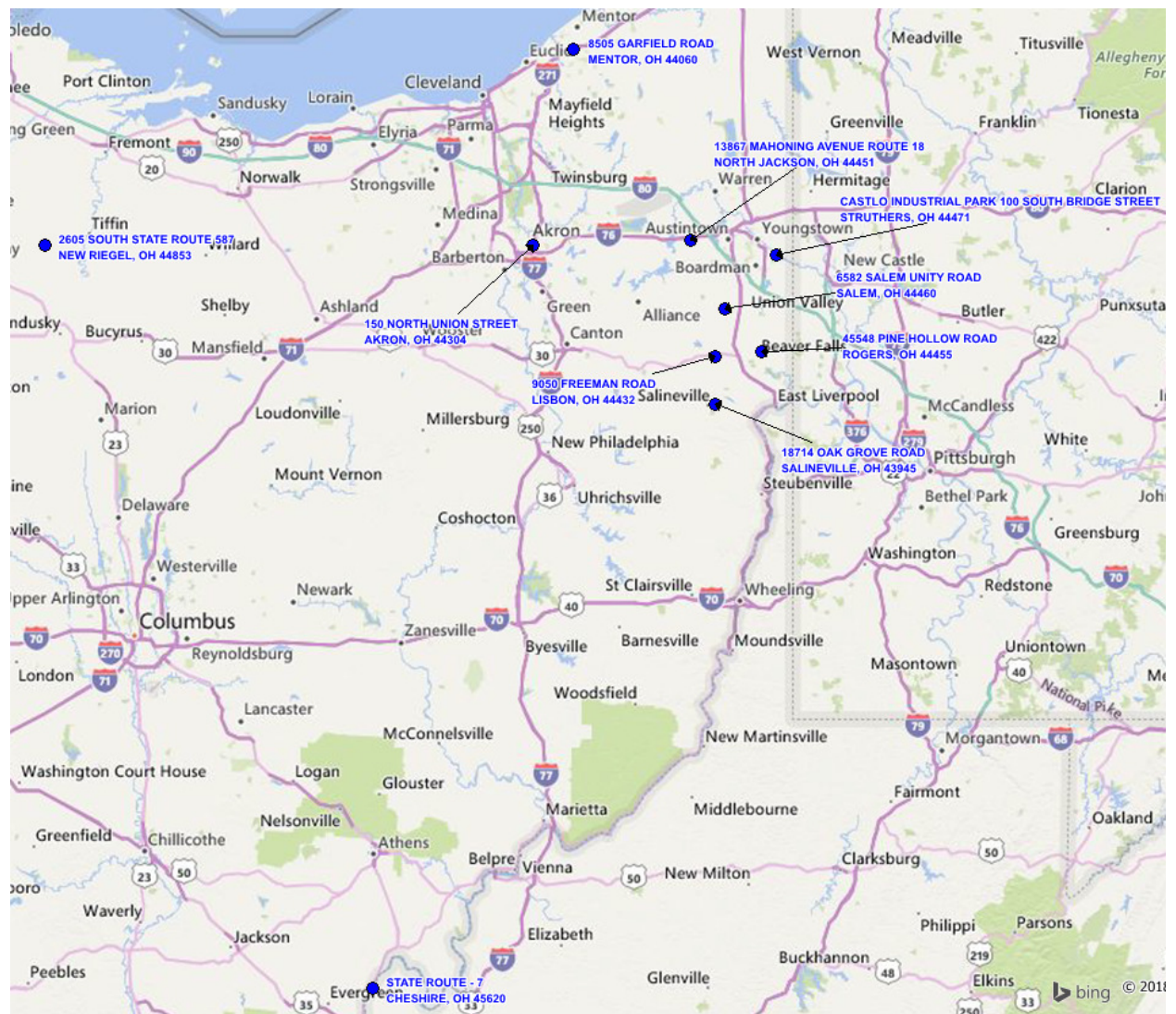
Applicant's proposed experiments would involve the transmission and reception of signals by and between base stations and user devices within a ten (10) kilometer radius of those base stations.

Ohio Sites:

Location	Overall height above ground to tip of antenna (in meters):	Elevation of ground at antenna site above mean sea level is (in meters):	Distance to the nearest aircraft landing areas (in kilometers):
18714 OAK GROVE ROAD SALINEVILLE, OH 43945	90.46	327.44	4.67
8505 GARFIELD ROAD MENTOR, OH 44060	76.13	239.63	5.68
2605 SOUTH STATE ROUTE 587 NEW RIEGEL, OH 44853	76.13	246.04	11.21
150 NORTH UNION STREET AKRON, OH 44304	39.86	314.02	6.29
45548 PINE HOLLOW ROAD ROGERS, OH 44455	92.90	386.89	18.68
13867 MAHONING AVENUE ROUTE 18 NORTH JACKSON, OH 44451	64.25	322.87	25.22
9050 FREEMAN ROAD LISBON, OH 44432	73.39	382.62	10.16
CASTLO INDUSTRIAL PARK 100 SOUTH BRIDGE STREET STRUTHERS, OH 44471	46.26	254.27	12.85
STATE ROUTE - 7 CHESHIRE, OH 45620	70.36	173.48	3.17
6582 SALEM UNITY ROAD SALEM, OH 44460	70.34	344.21	11.07







Tennessee Sites:

Location	Overall height above ground to tip of antenna (in meters):	Elevation of ground at antenna site above mean sea level is (in meters):	Distance to the nearest aircraft landing areas (in kilometers):
44 NORTH SECOND STREET MEMPHIS, TN 38103	49	81	6
51-B JACKSON HIGHWAY MEDINA, TN 38355	76	144	18
7794 MOORE ROAD MEMPHIS, TN 38119	58	86	10
195 WILLIAMS SWITCH ROAD 1 RIPLEY, TN 38063	78	126	14
725 CONGER STREET CUMBERLAND CITY, TN 37050	121	203	19
292B COUNTY ROAD 28 CALHOUN, TN 37309	78	299	12
1825 ROARK ROAD KINGSTON, TN 37763	53	328	18

