



REALIZZAZIONE DI UNA RETE A BANDA LARGA PER L'ACCESSO AD INTERNET PER L'AREA DEL GAL ISC MADONIE

PROGETTO DEL SERVIZIO

Analisi di copertura FWA
Art. 23, comma 15, D. Lgs. 18 aprile 2016, n. 50

Tav_06

Rev_01 del 24/11/2023

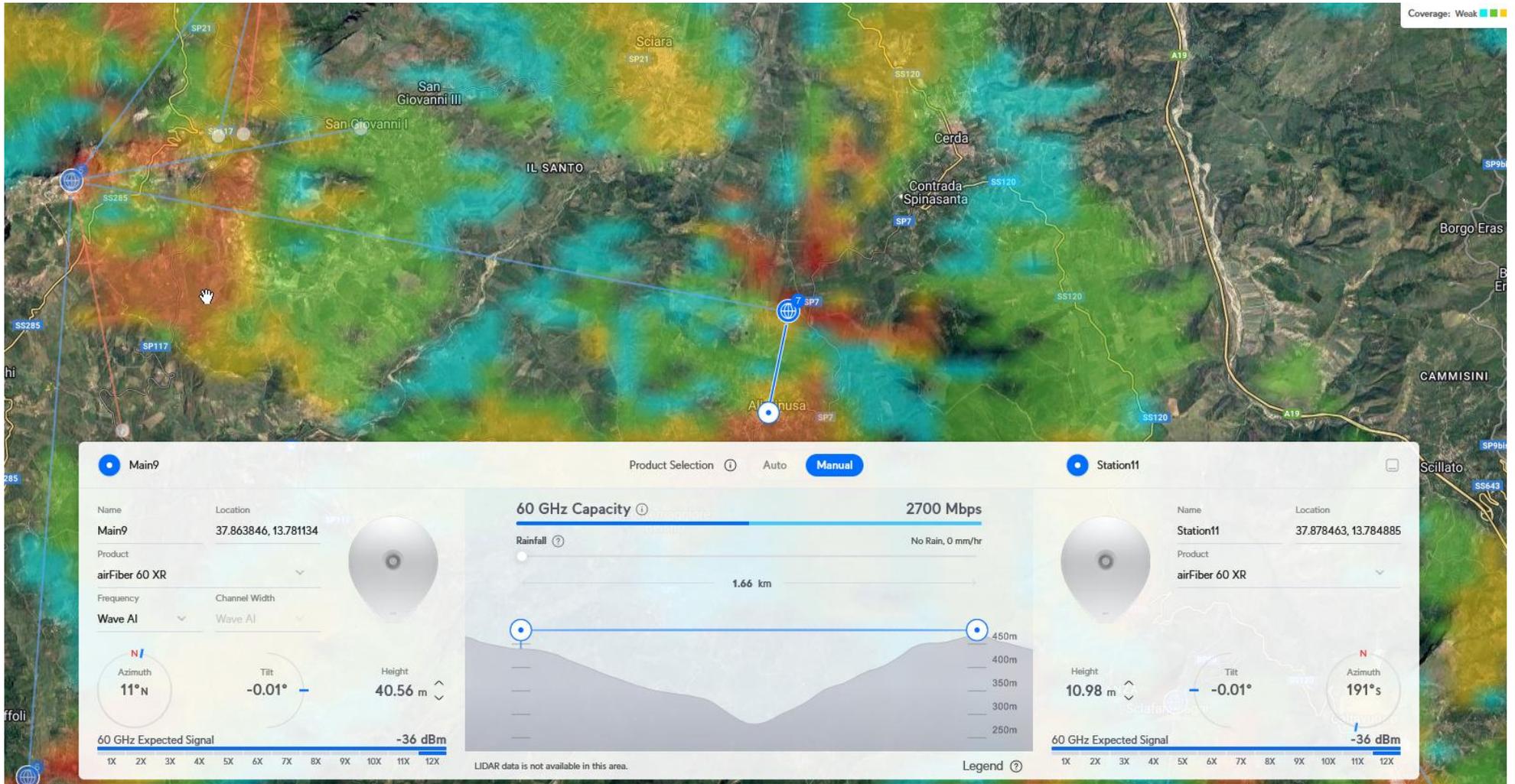
Ing Gioacchino DI GARBO
Progettista

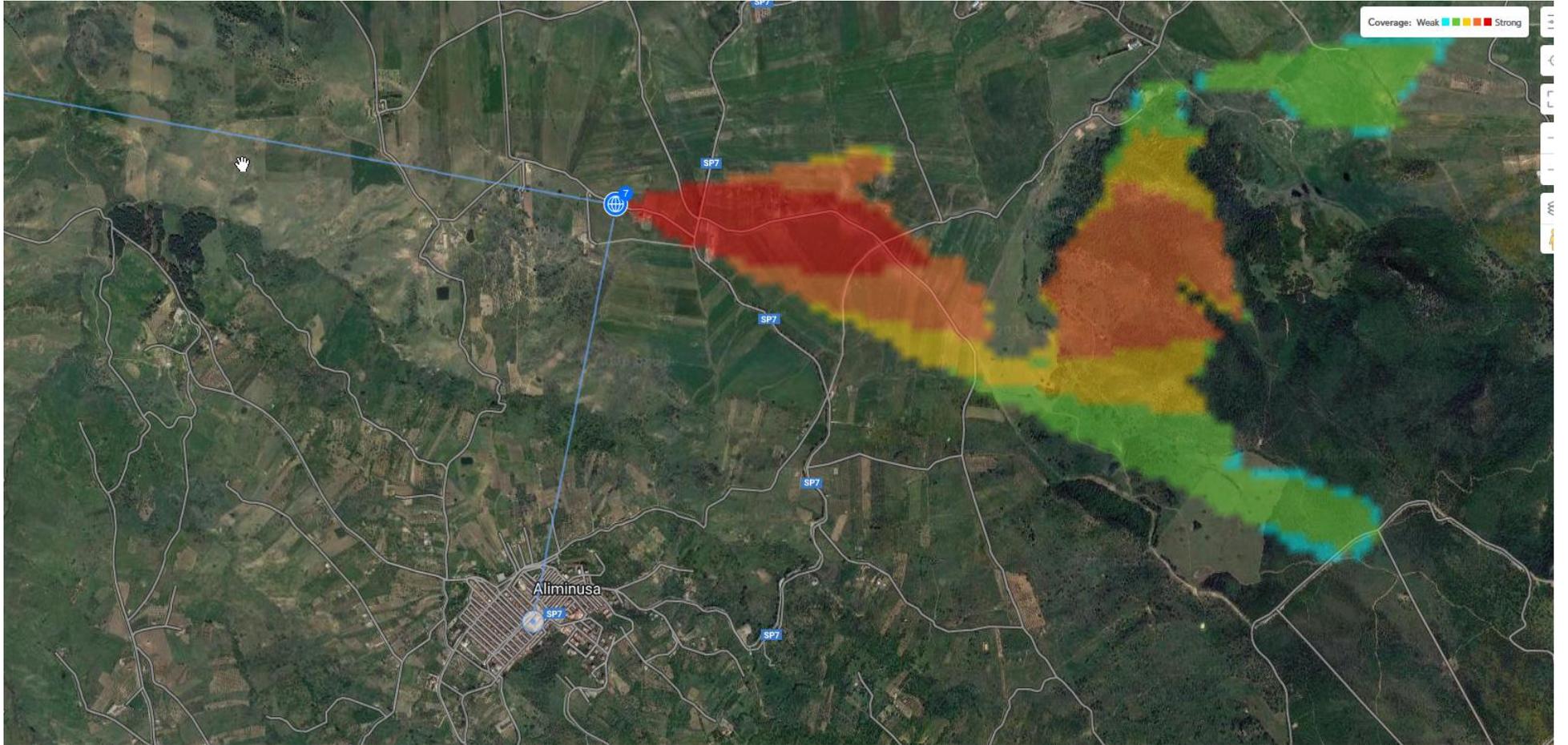
Dott. Francesco MIGLIAZZO
Presidente C.d.A. GAL ISC Madonie

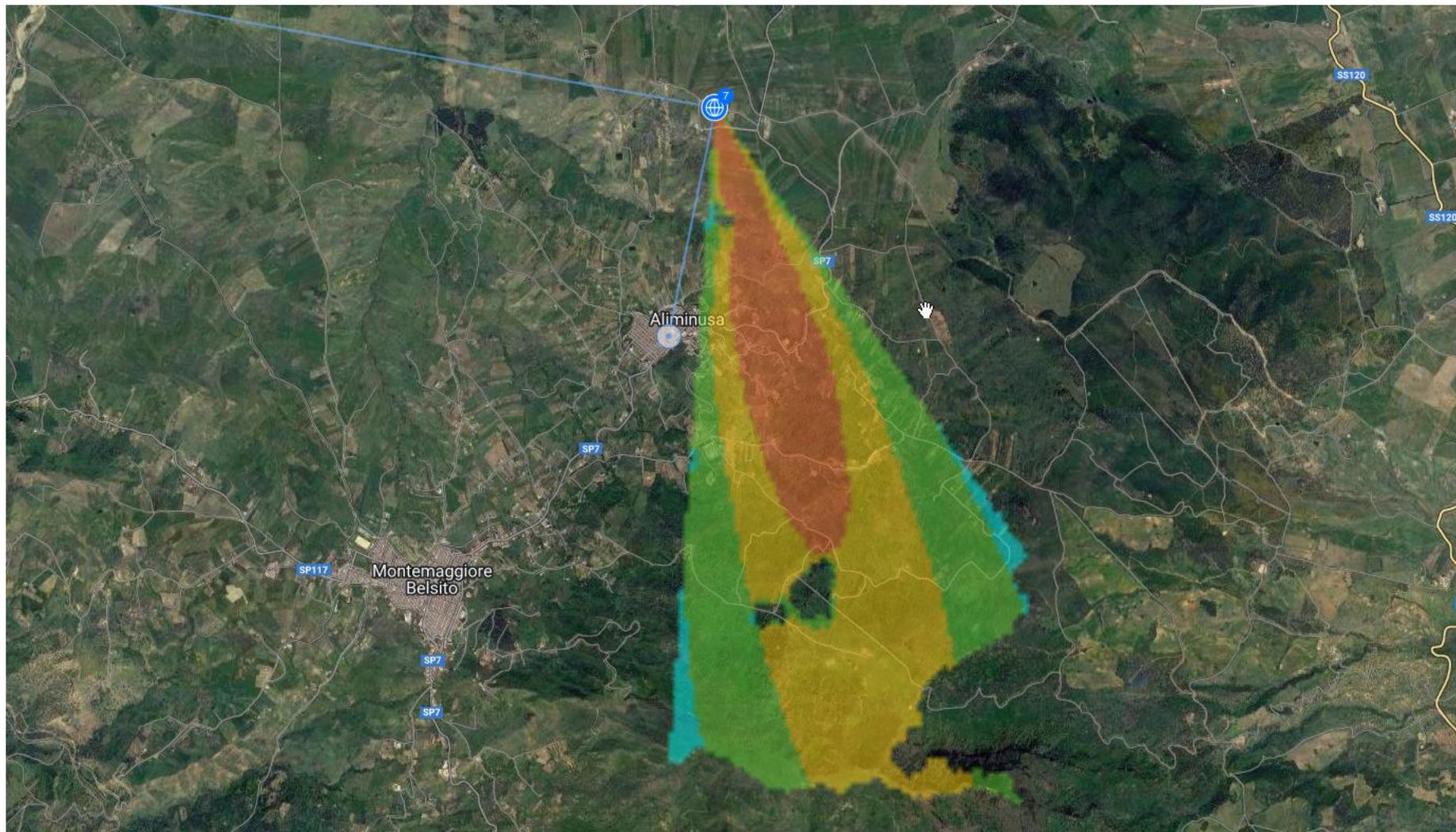
Dott. Dario COSTANZO
Direttore GAL ISC Madonie

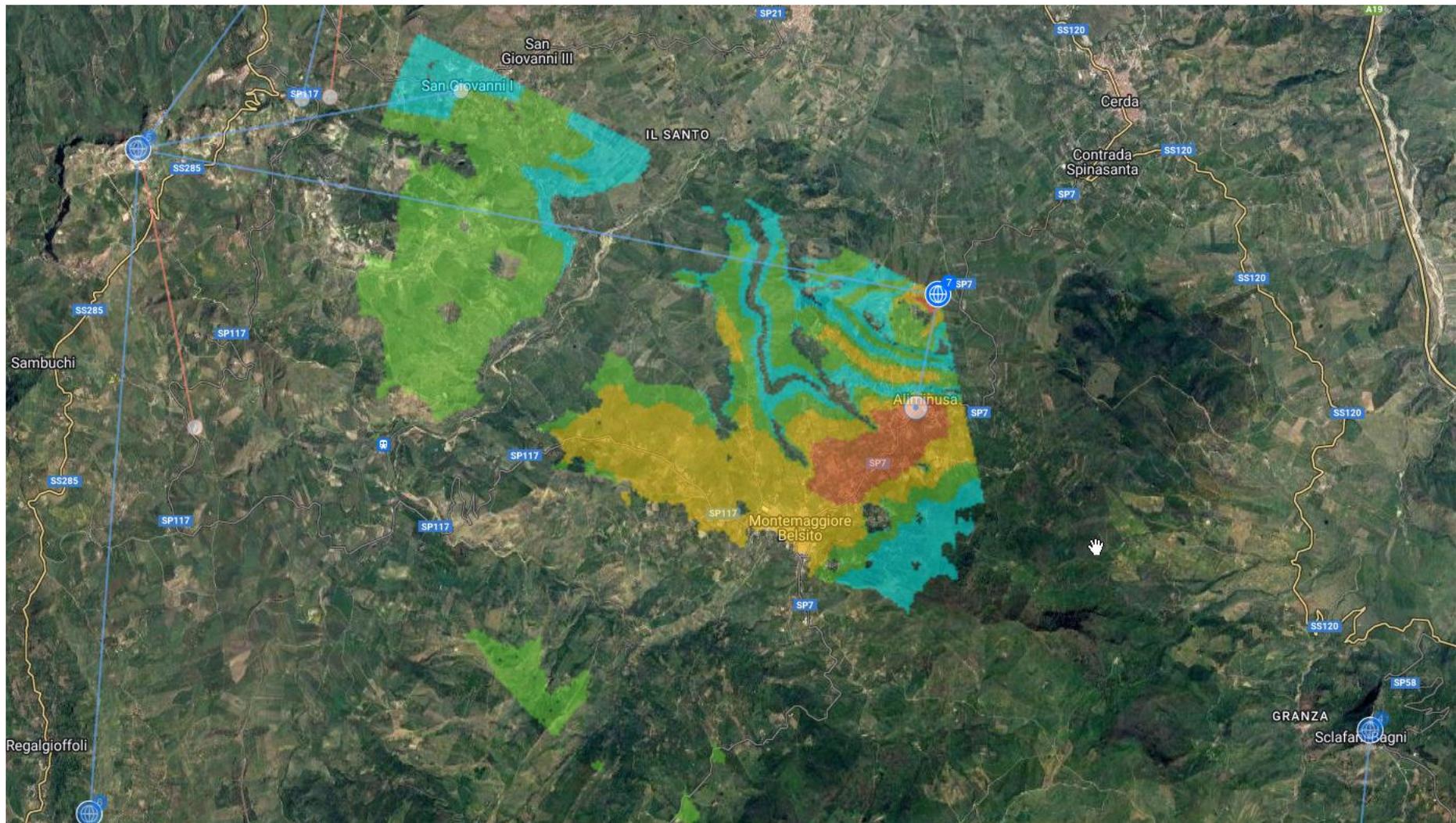
Dott. Giuseppe FICCAGLIA
R.U.P.

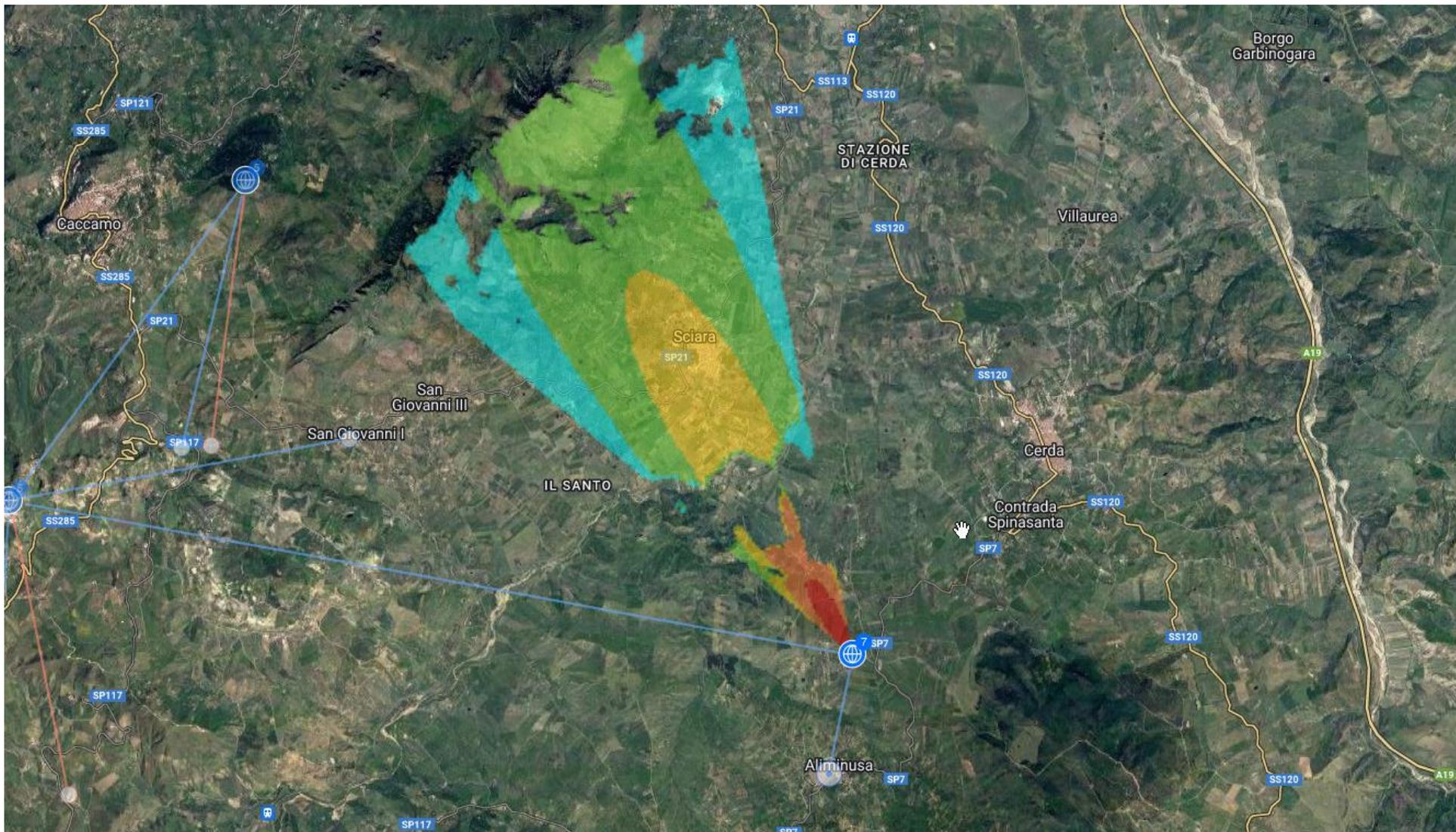
ALIMINUSA



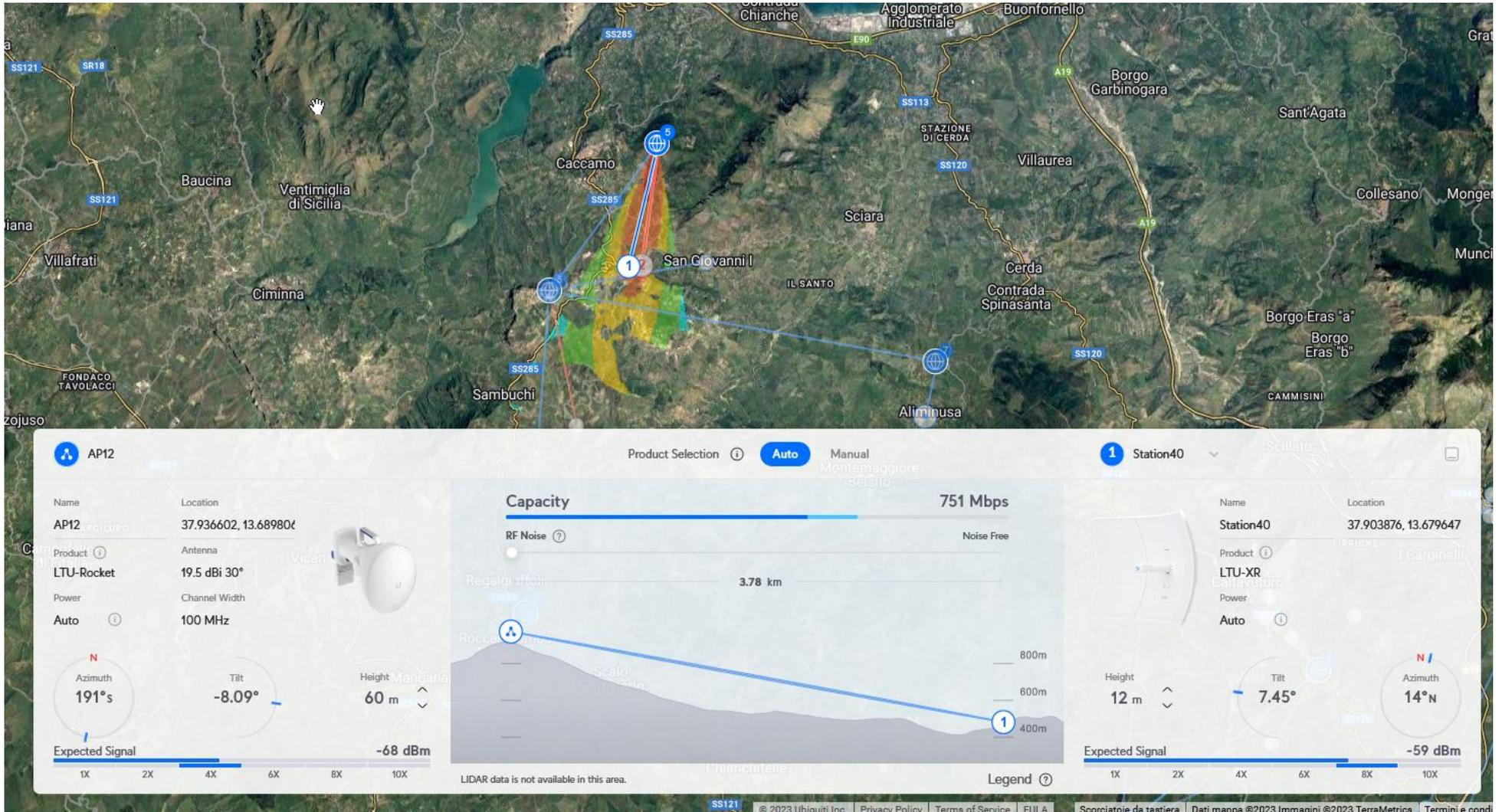


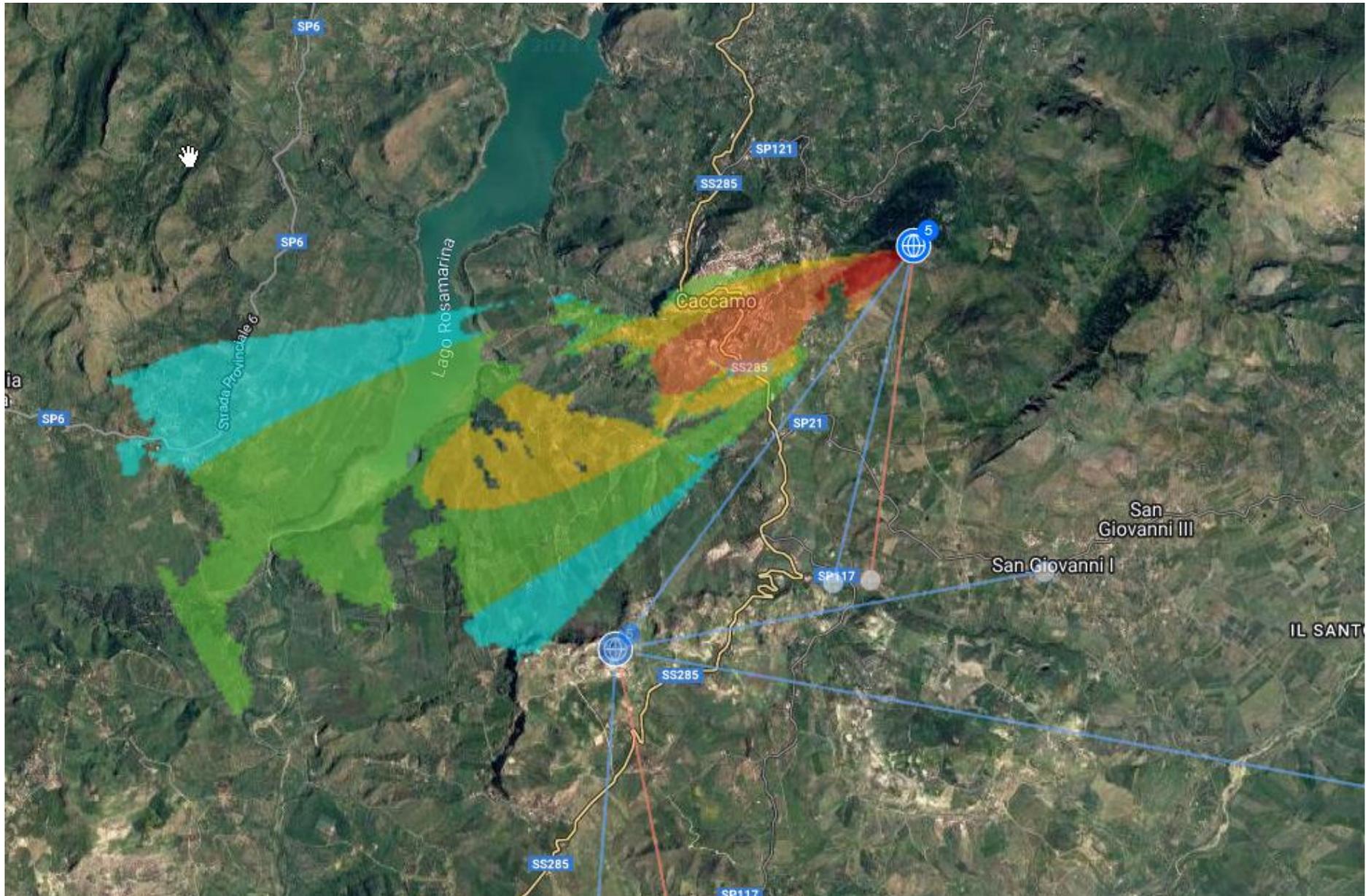


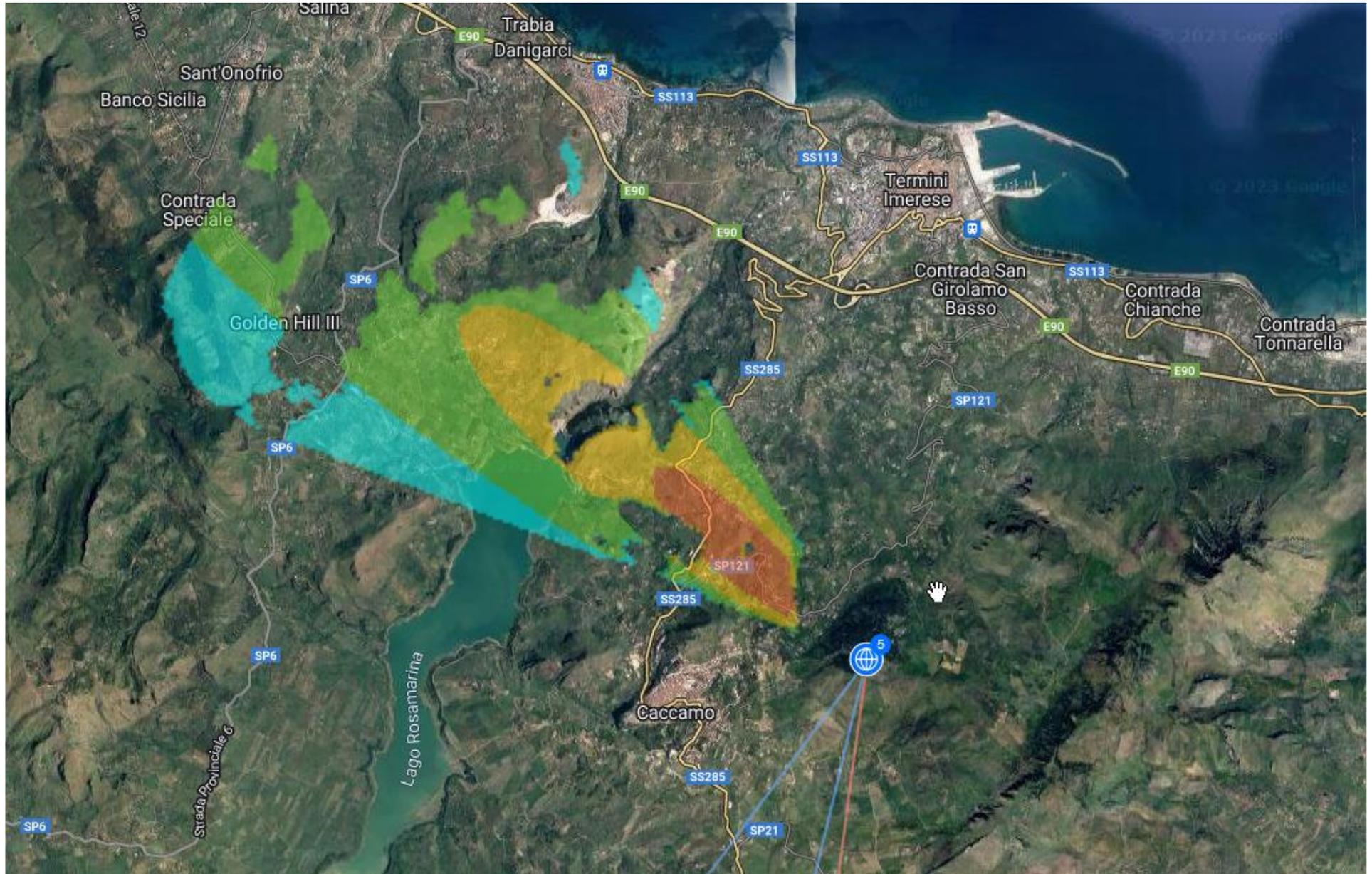


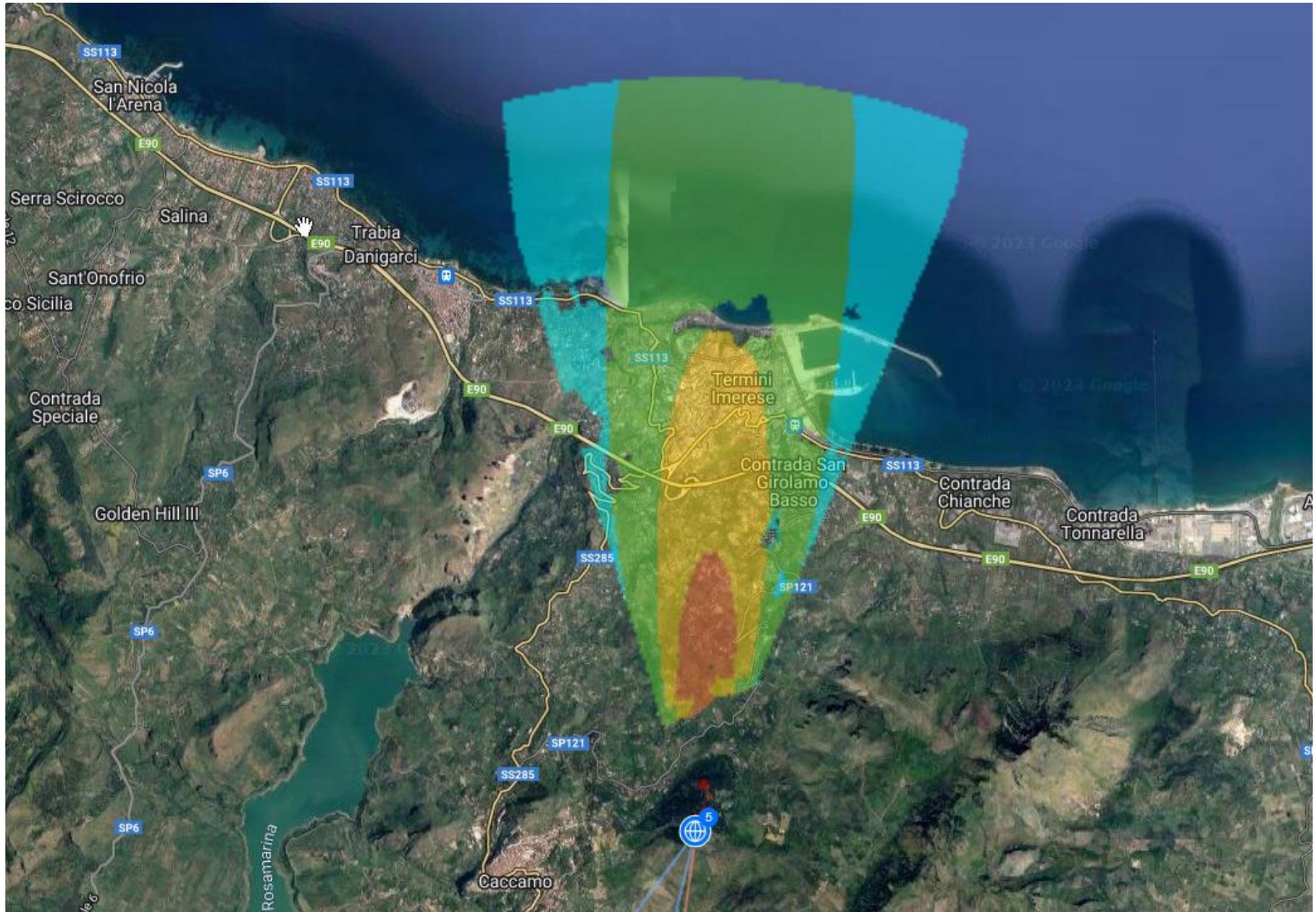


CACCAMO Monte Rotondo

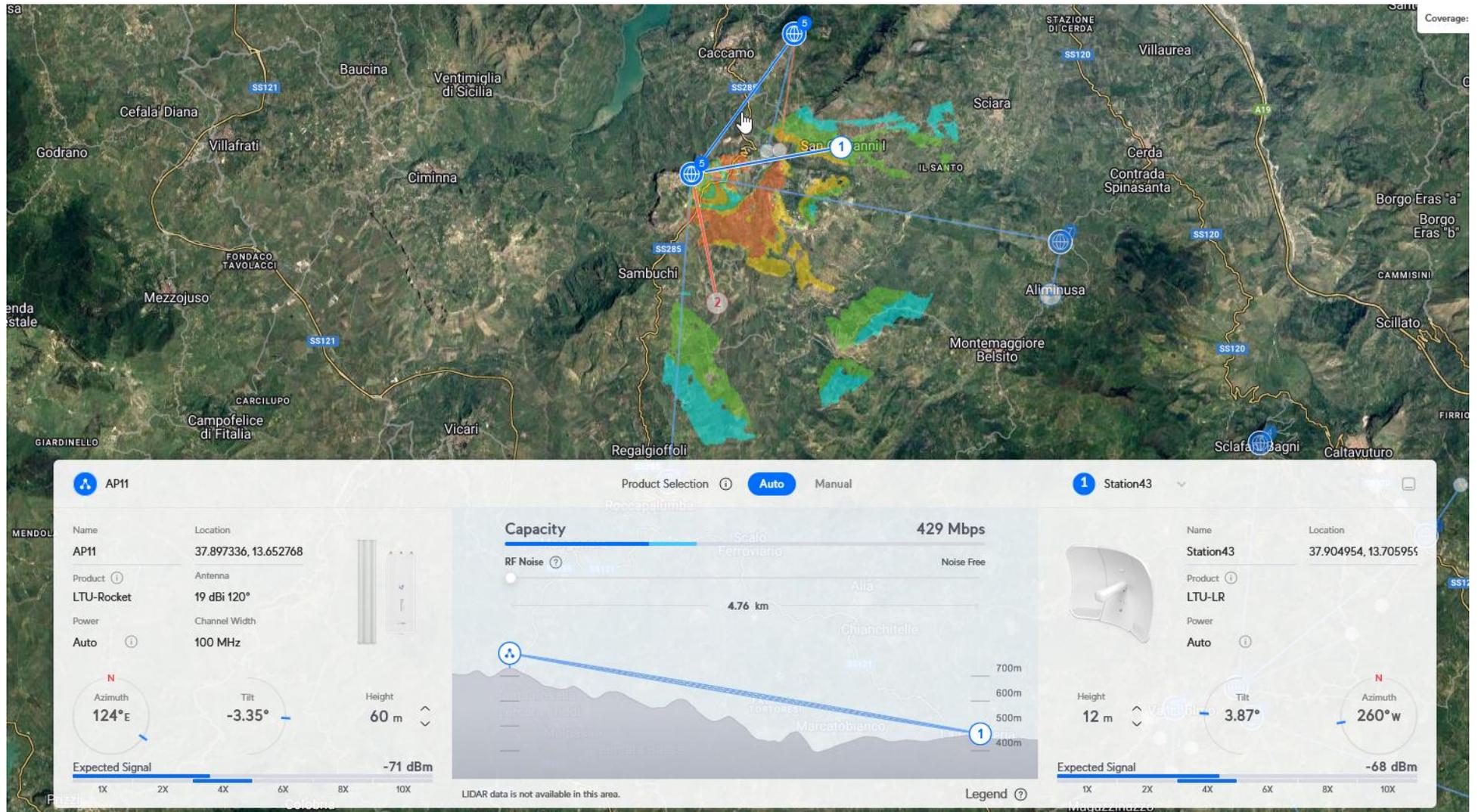


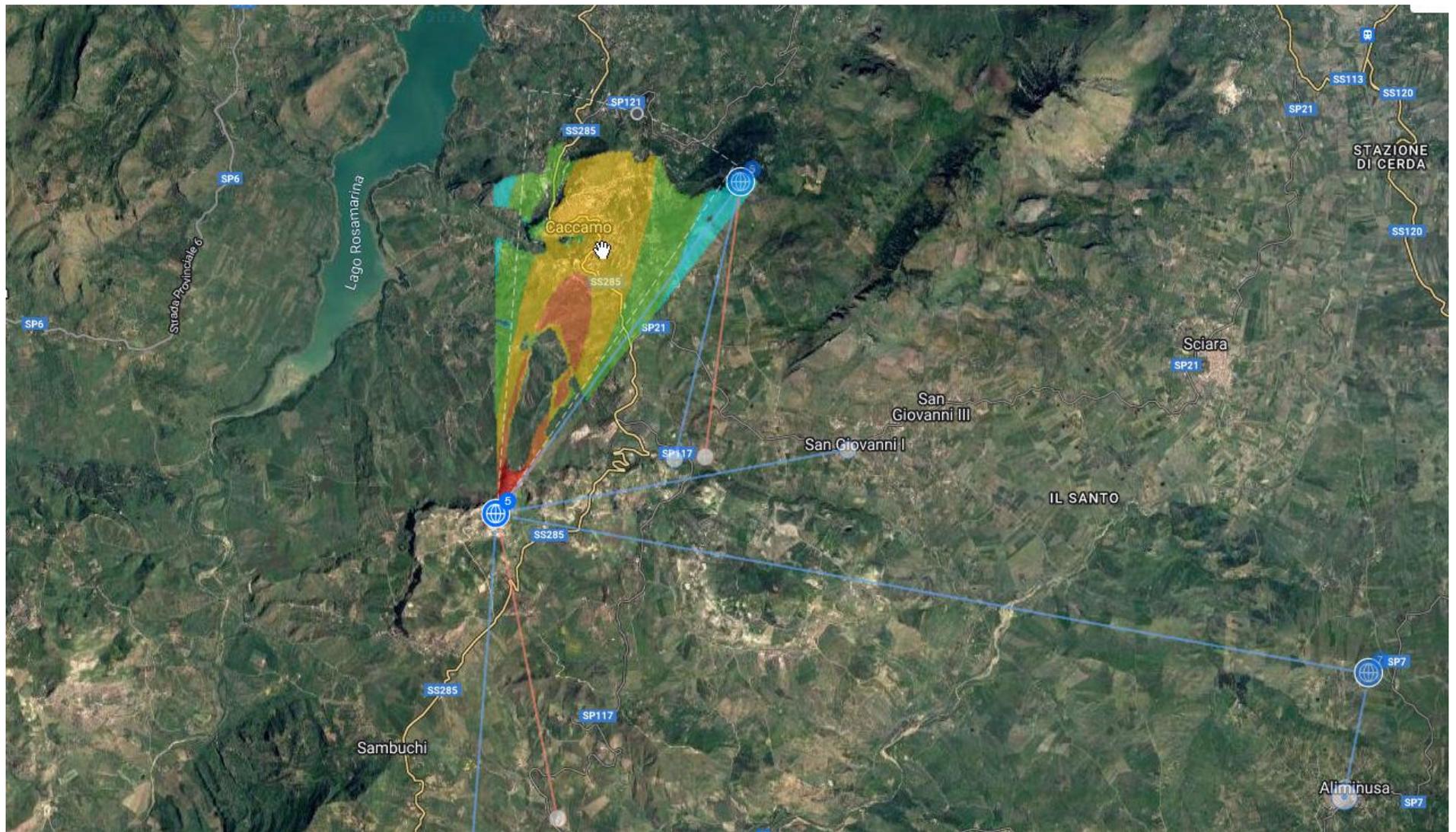




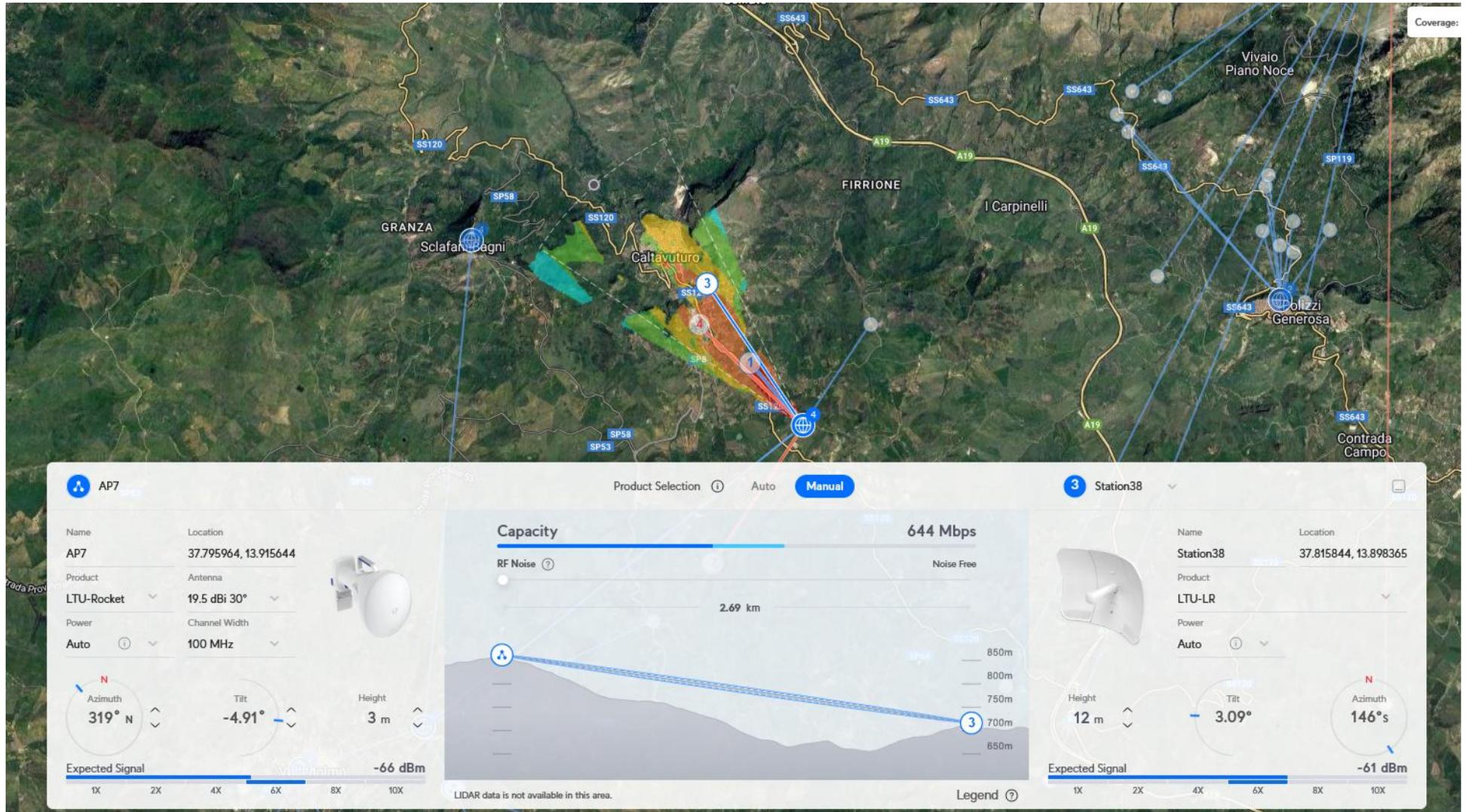


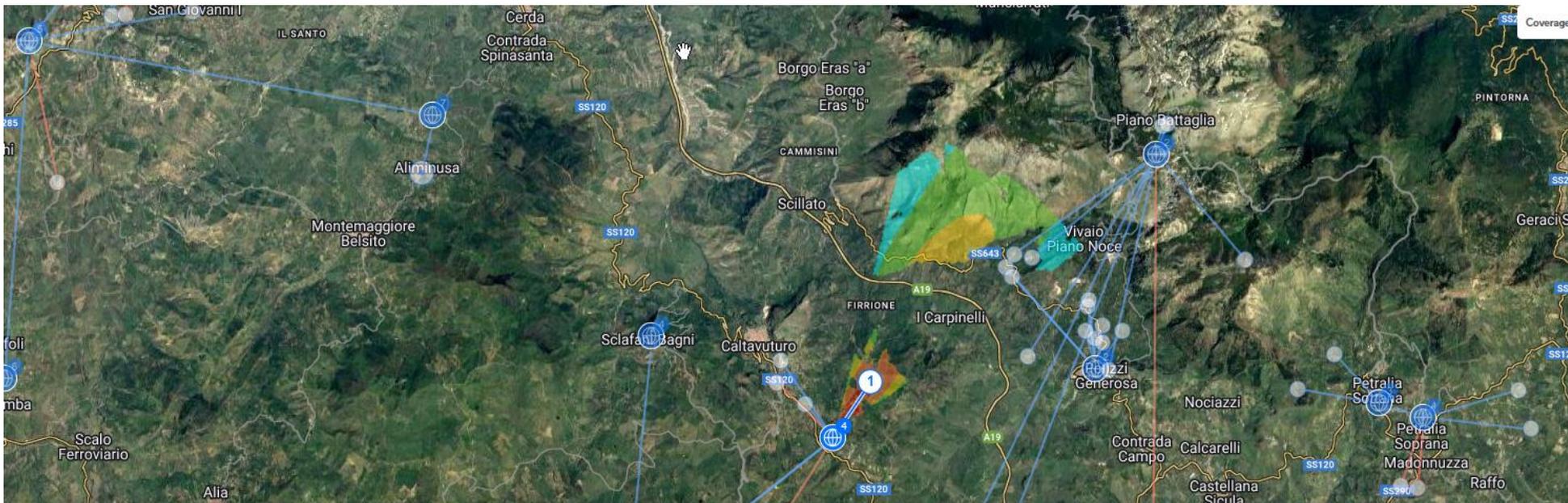
CACCAMO Monte Miciotto





CALTAVUTURO





AP10

| | |
|---------------|----------------------|
| Name | AP10 |
| Location | 37.795964, 13.915644 |
| Product | LTU-Rocket |
| Antenna | 19.5 dBi 30° |
| Power | Auto |
| Channel Width | 100 MHz |

Azimuth: **34°N**

Tilt: **-4.97°**

Height: **25.34 m**

Expected Signal: **-63 dBm**

Capacity

805 Mbps

RF Noise: **Noise Free**

Distance: **1.92 km**

Legend

Station36

| | |
|----------|----------------------|
| Name | Station36 |
| Location | 37.810229, 13.927711 |
| Product | LTU-XR |
| Power | Auto |

Height: **12 m**

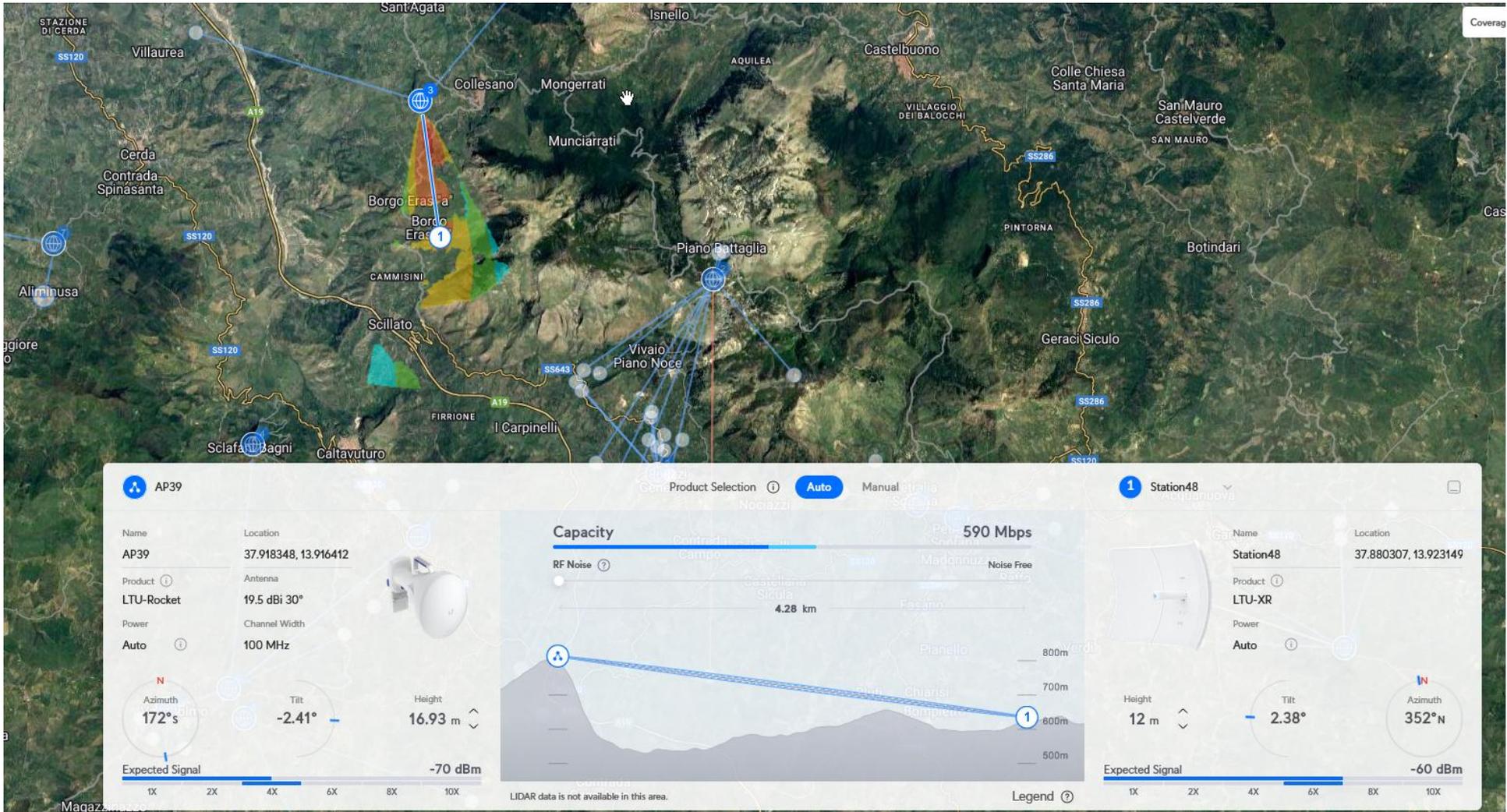
Tilt: **4.95°**

Azimuth: **214°s**

Expected Signal: **-53 dBm**

LIDAR data is not available in this area.

COLLESANO





AP40

Name: AP40
Location: 37.918348, 13.916412

Product: LTU-Rocket
Antenna: 20 dBi 90°

Power: Auto
Channel Width: 100 MHz

Azimuth: 297° w
Tilt: -5.78°
Height: 23.73 m

Expected Signal: -74 dBm

Capacity 376 Mbps

RF Noise: Noise Free

7.47 km

LIDAR data is not available in this area.

Station52

Name: Station52
Location: 37.937823, 13.83542

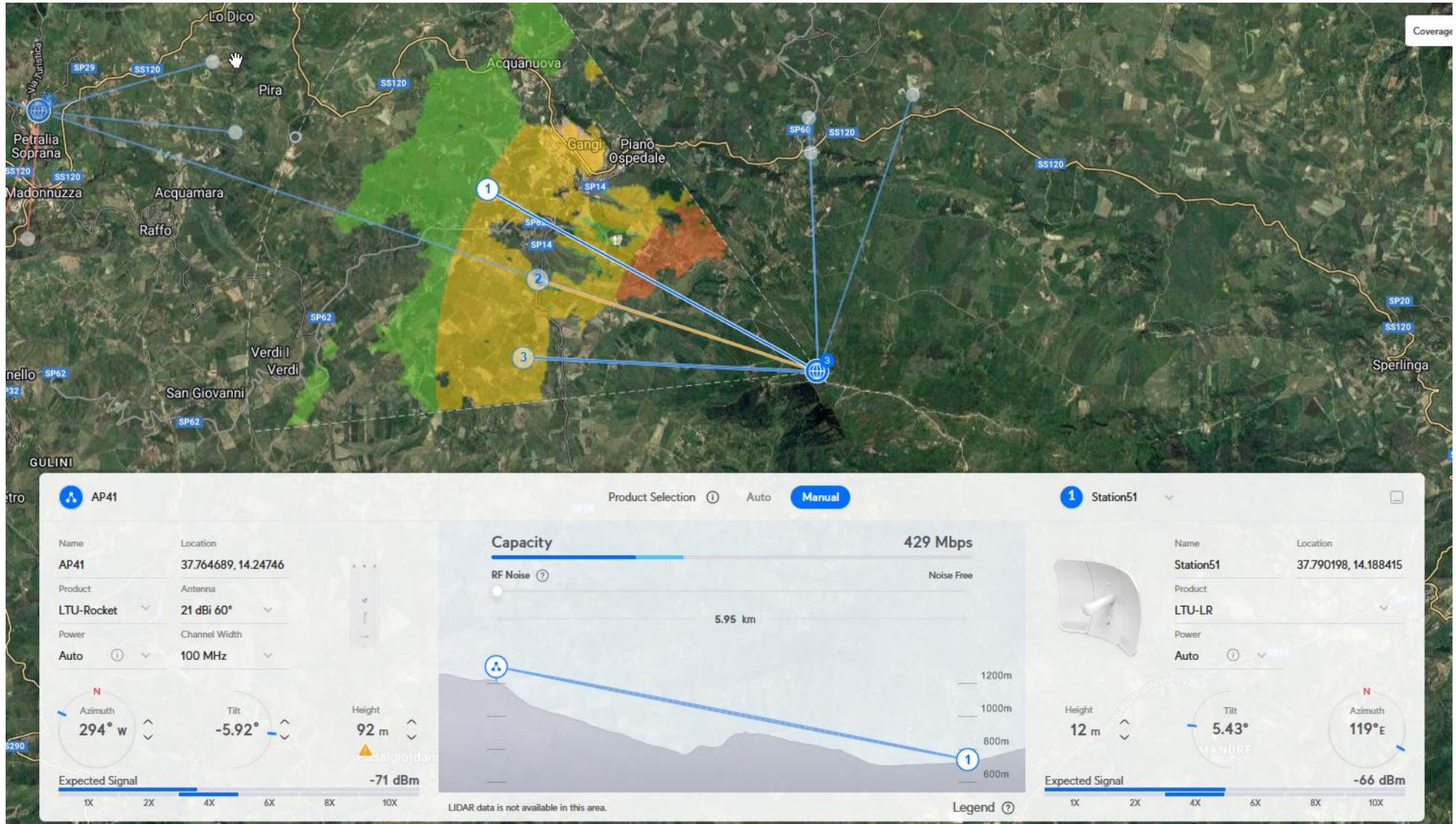
Product: LTU-XR

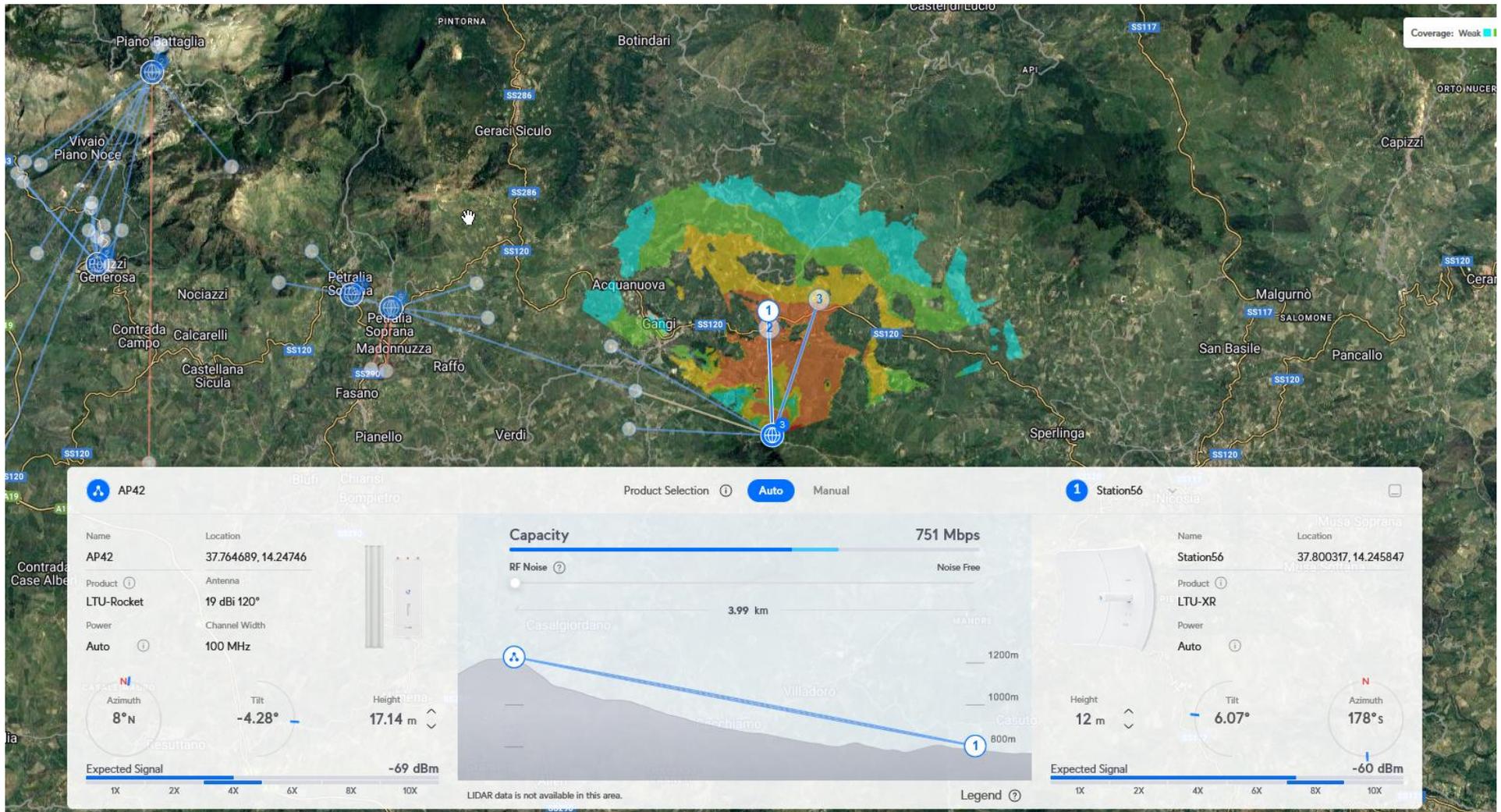
Power: Auto

Height: 12 m
Tilt: 5.41°
Azimuth: 107° E

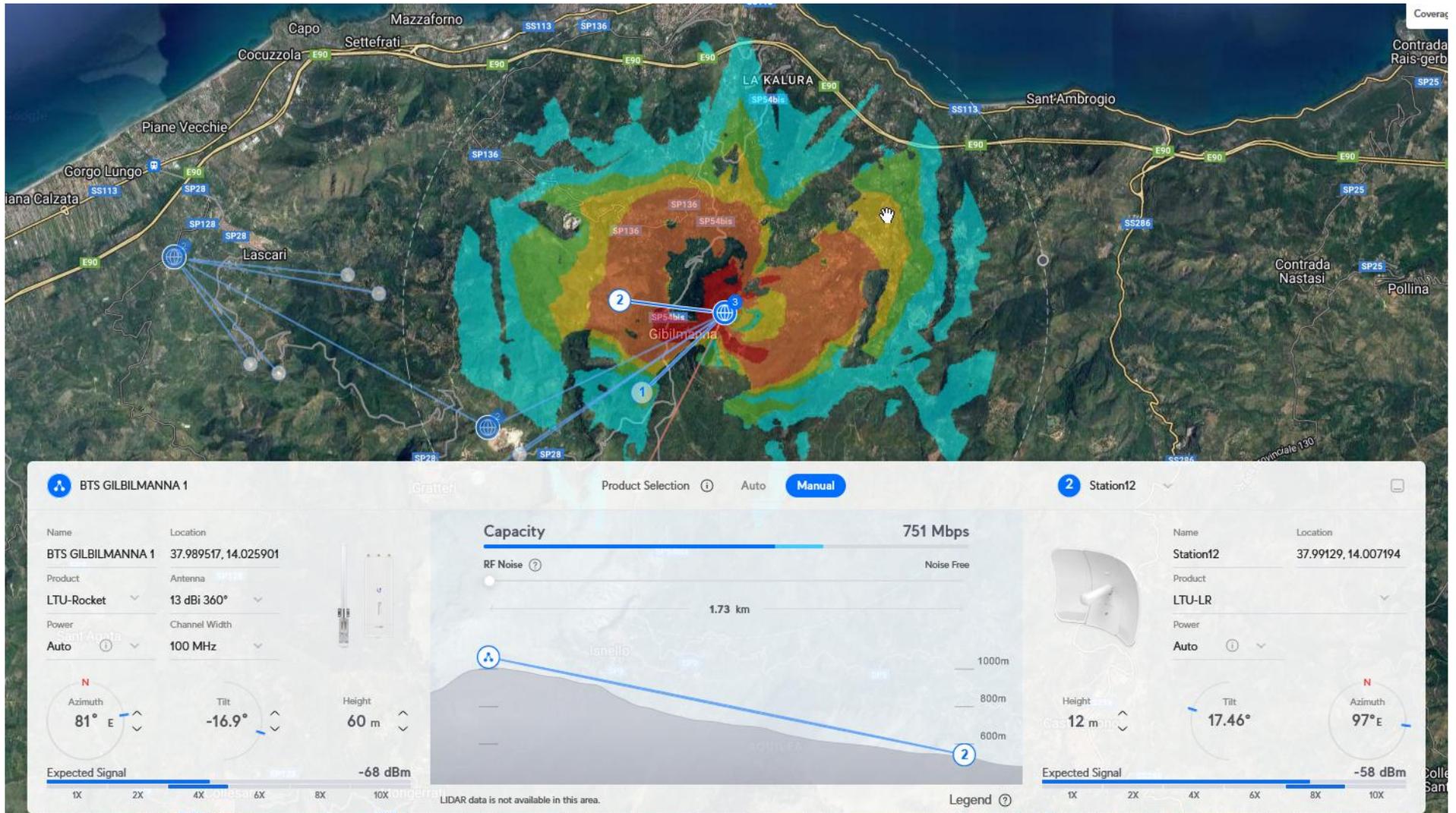
Expected Signal: -65 dBm

GANGI

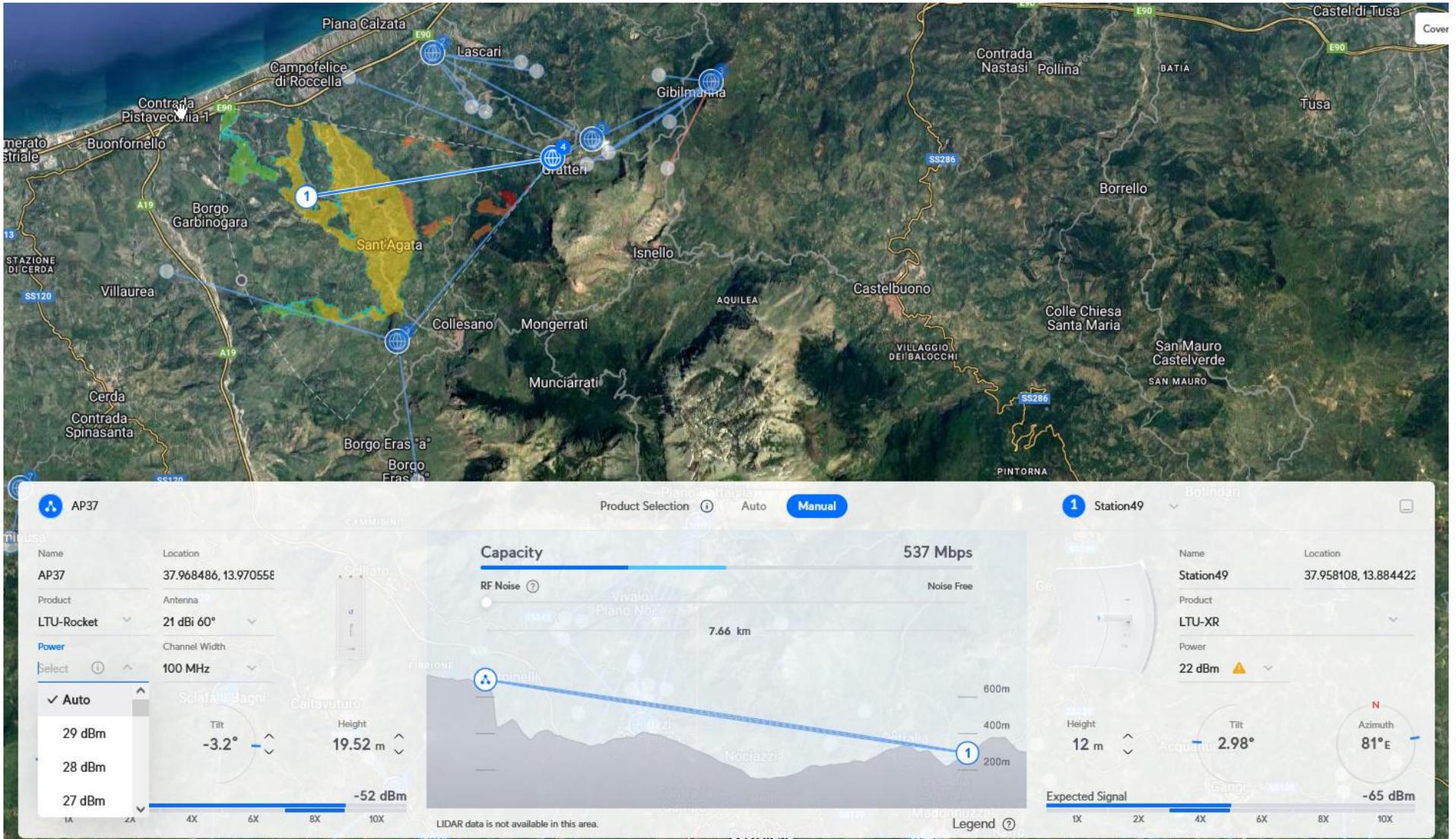




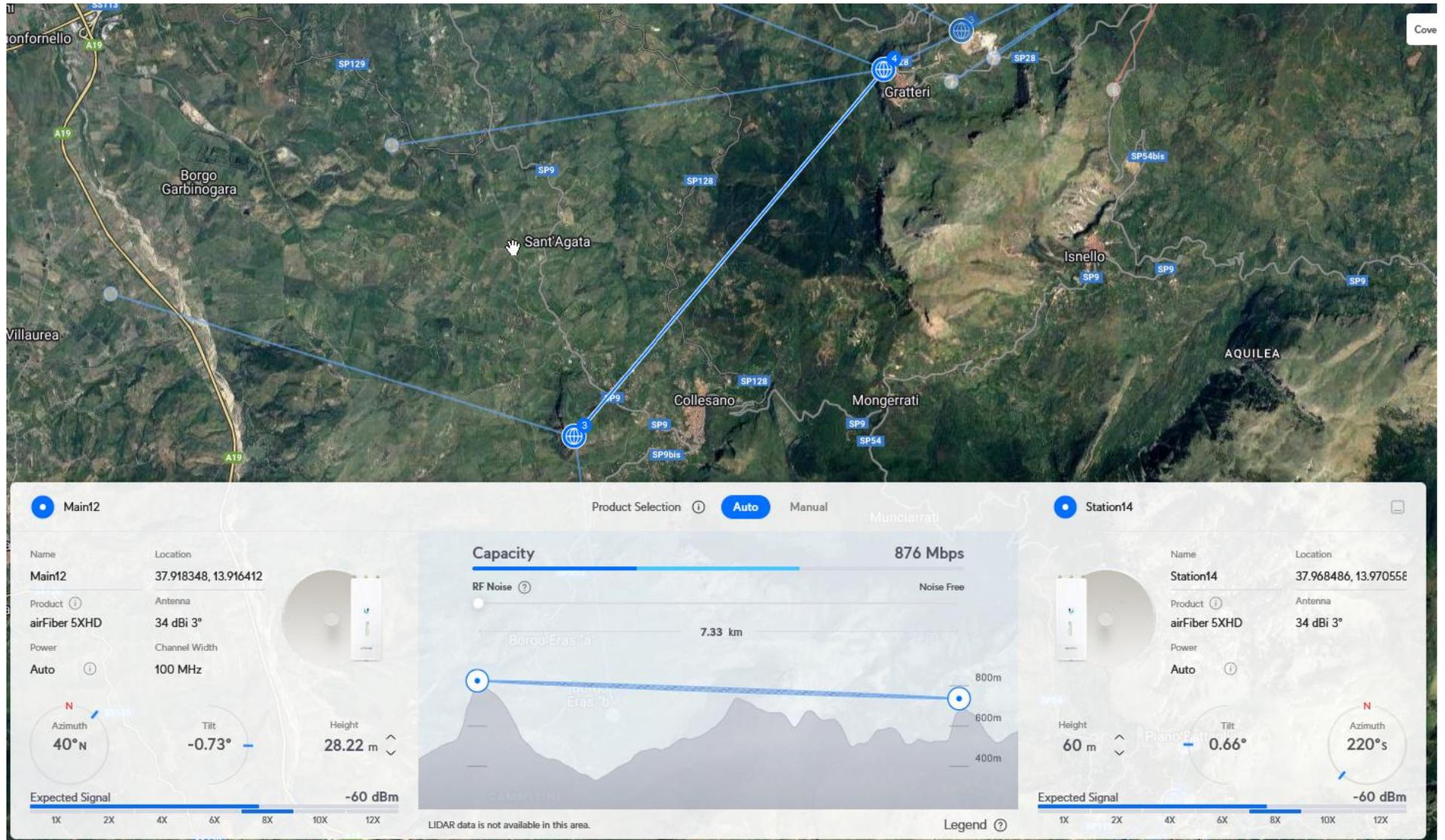
GIBILMANNA



GRATTERI



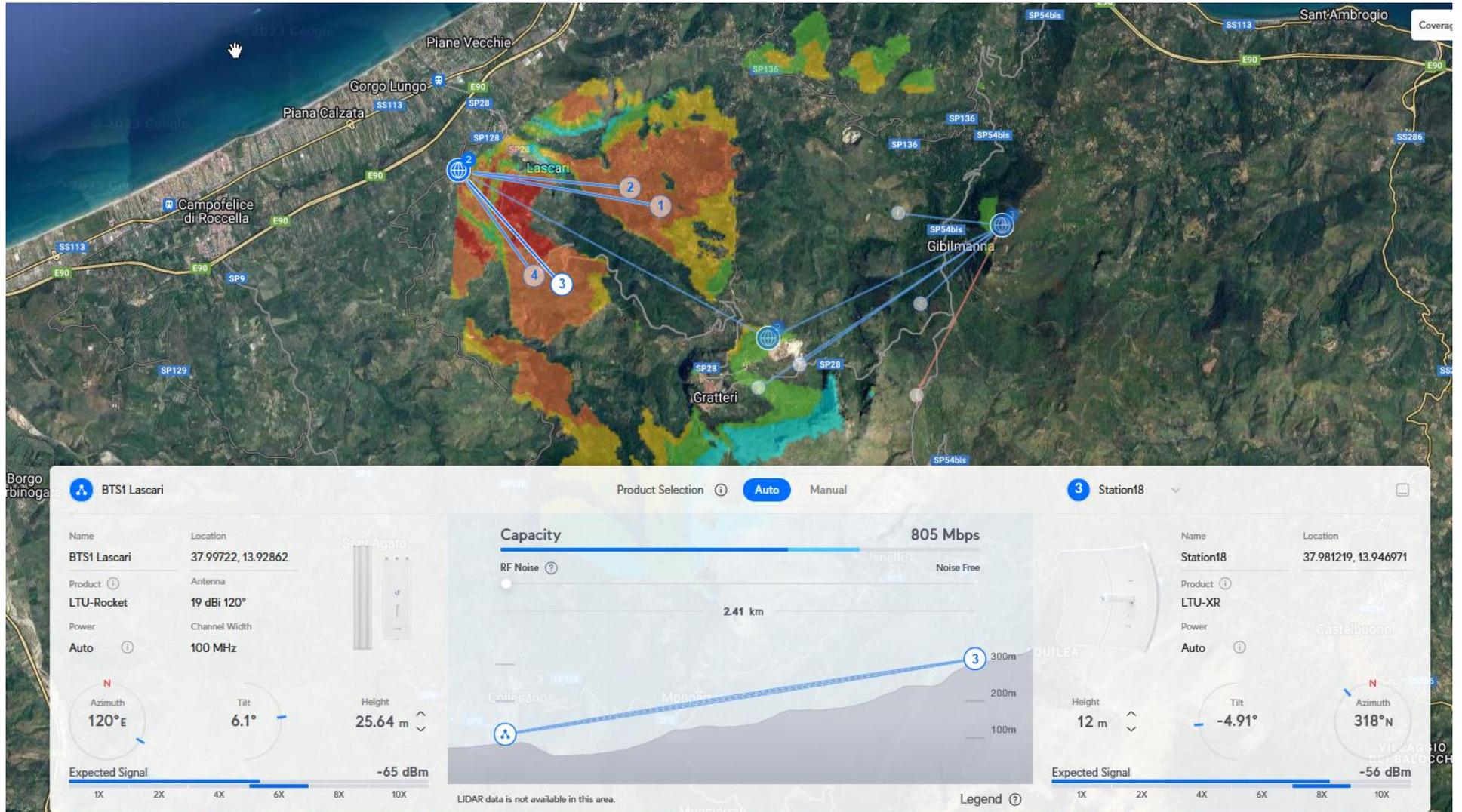
GRATTERI-COLLESANO per rilegamento



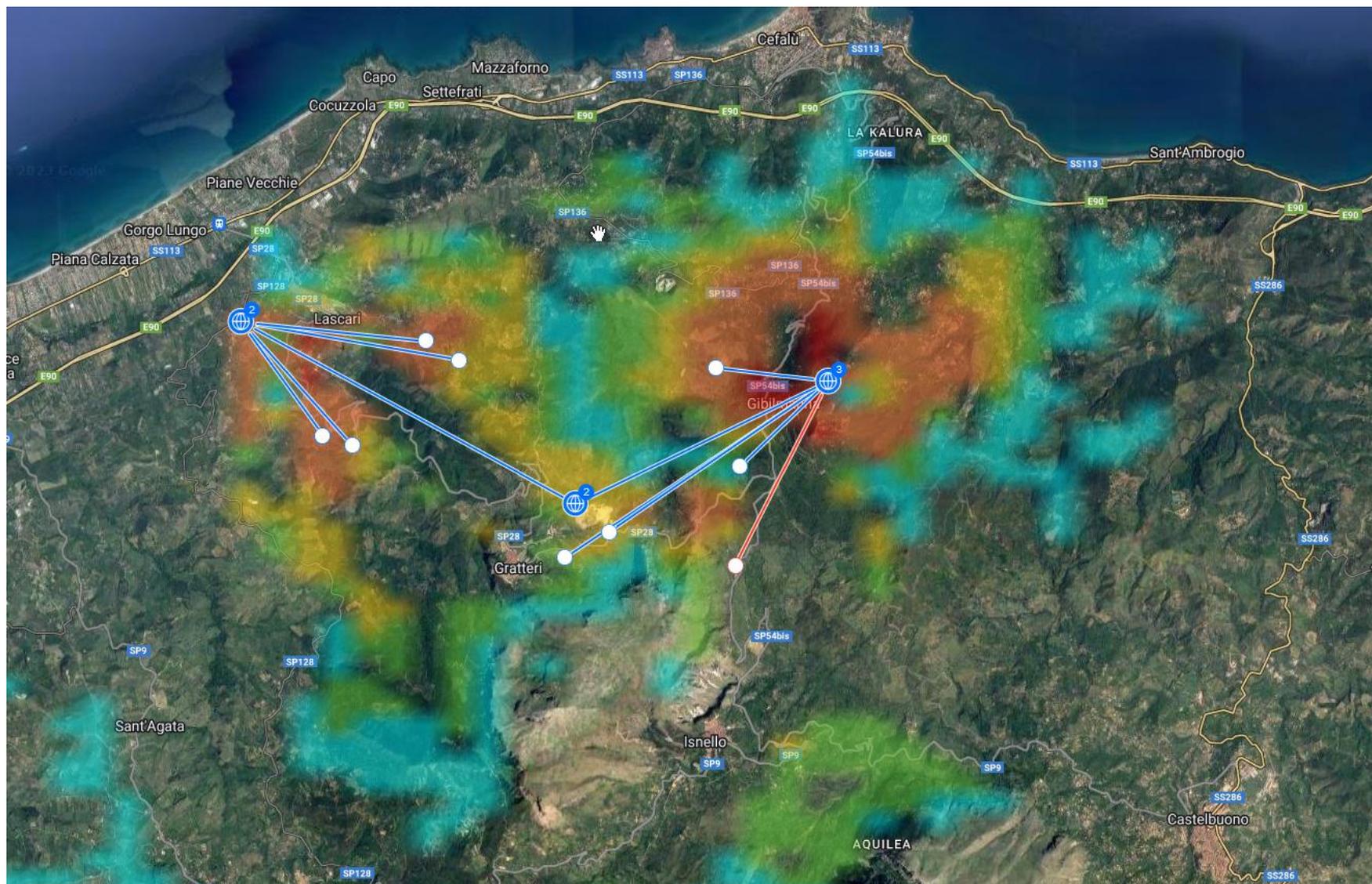
GRATTERI-CAMPOFELICE DI ROCCELLA



LASCARI

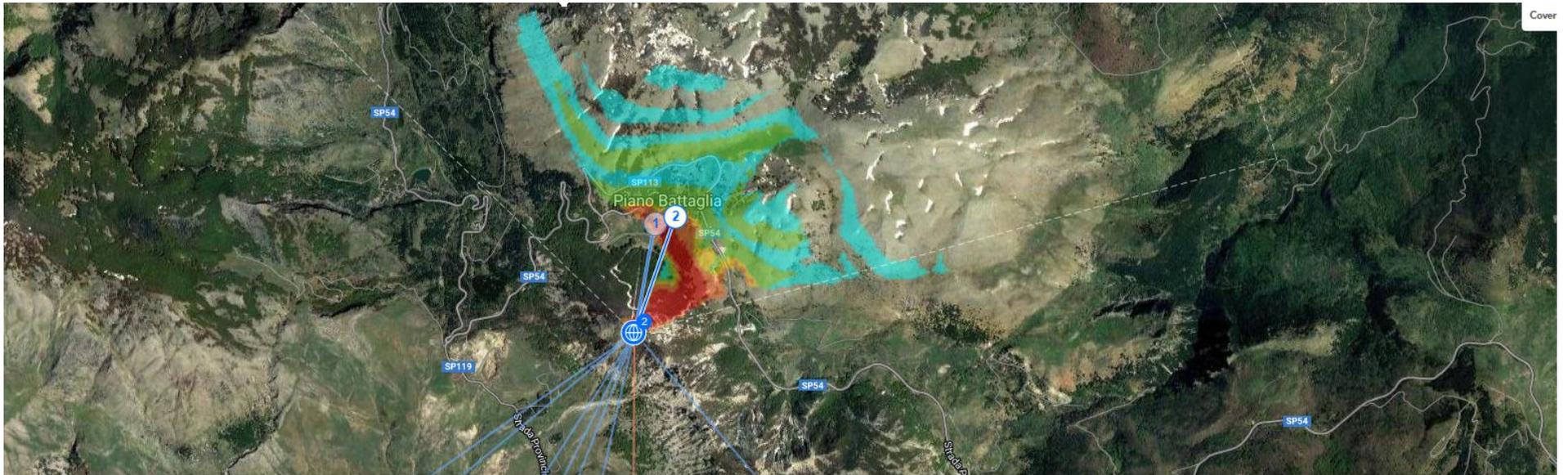


MAGLIA DIFFUSA LASCRI-GRATTERI-GIBILMANNA



POP MONTE MUFARA





API Product Selection ⓘ Auto **Manual** 2 Station2

| Name | Location |
|----------|----------------------|
| API1 | 37.868463, 14.021161 |
| Station2 | 37.87629, 14.024623 |

| Product | Antenna |
|------------|-------------|
| LTU-Rocket | 19 dBi 120° |
| LTU-Pro | |

| Power | Channel Width |
|--------|---------------|
| Auto ⓘ | 100 MHz |

Expected Signal: **-57 dBm**

Capacity: **859 Mbps**

RF Noise: **Noise Free**

Distance: **956.66 m**

Height: **9 m** (Station 1), **12 m** (Station 2)

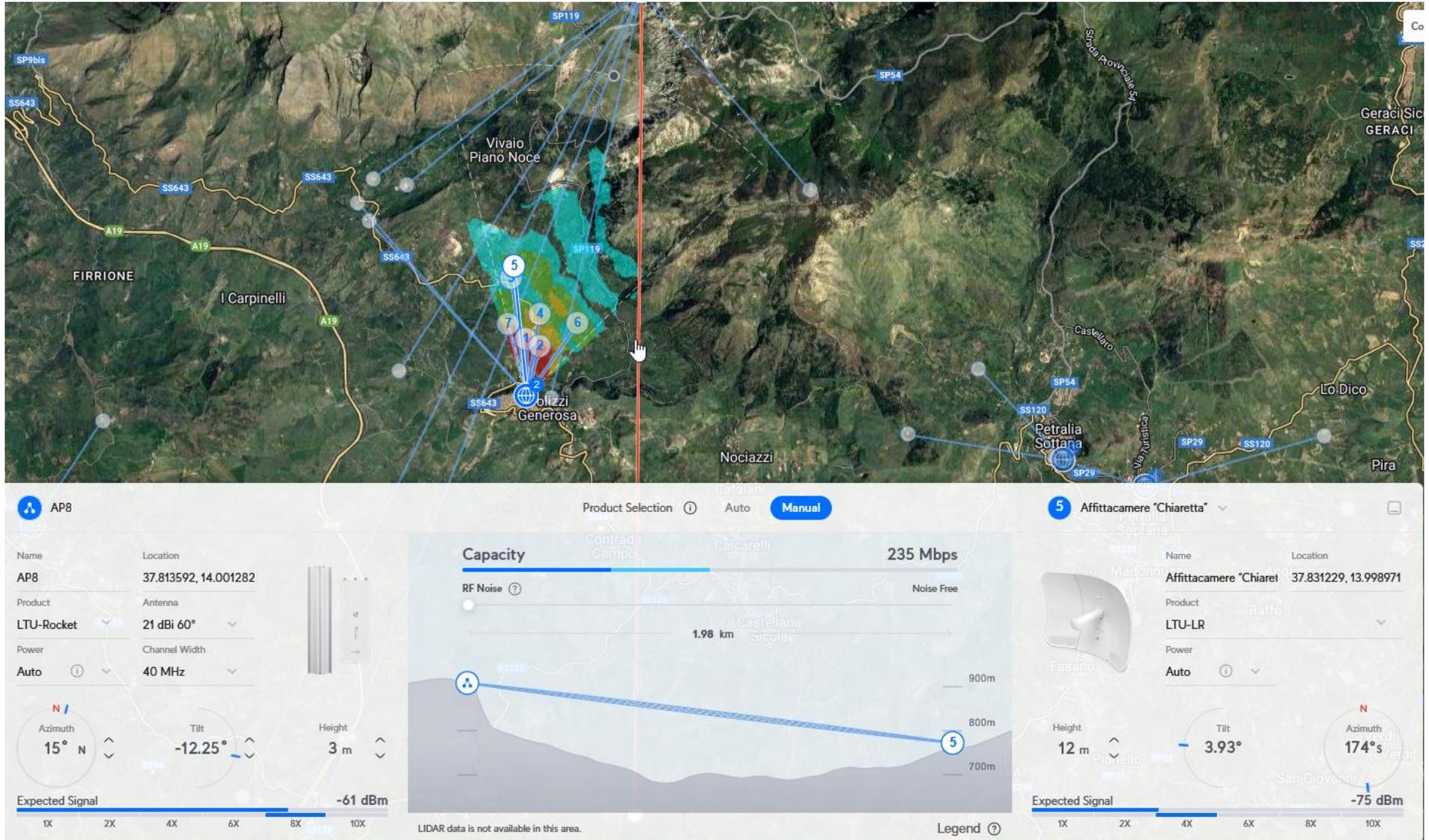
Tilt: **-15.58°** (Station 1), **15.21°** (Station 2)

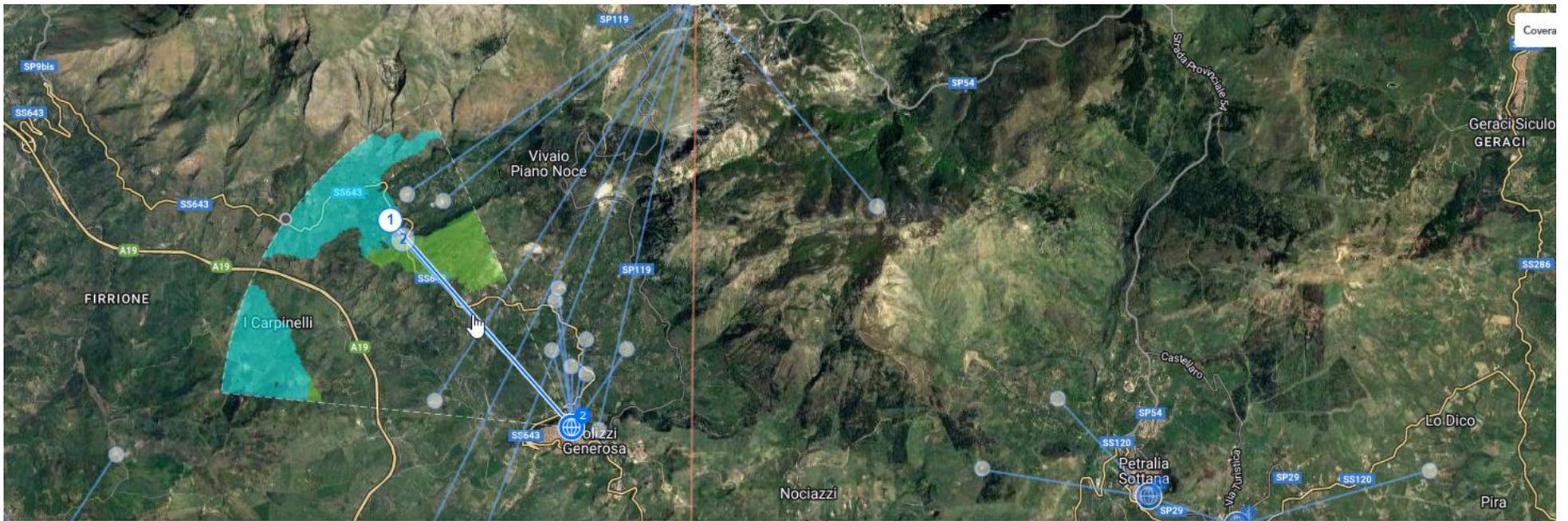
Azimuth: **15° N** (Station 1), **199° S** (Station 2)

Expected Signal: **-57 dBm**

LIDAR data is not available in this area. Legend ⓘ

POLIZZI GENEROSA





AP6

| | |
|------------|----------------------|
| Name | Location |
| AP6 | 37.813592, 14.001282 |
| Product | Antenna |
| LTU-Rocket | 21 dBi 60° |
| Power | Channel Width |
| Auto | 40 MHz |

Azimuth: 306° w
 Tilt: -4.12°
 Height: 60 m

Expected Signal: -67 dBm

Capacity

118 Mbps

RF Noise: Noise Free

3.91 km

LIDAR data is not available in this area.

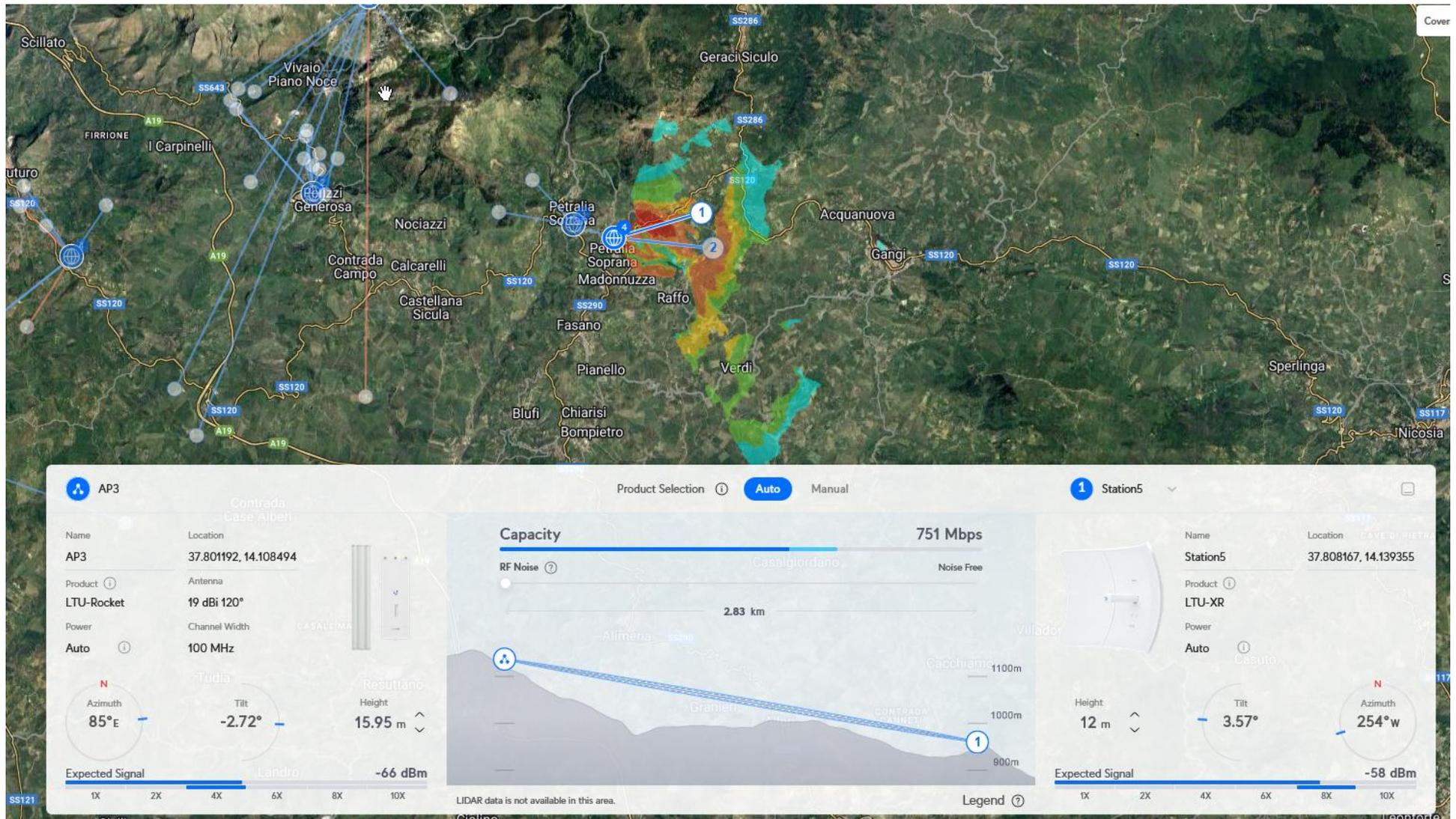
Station27

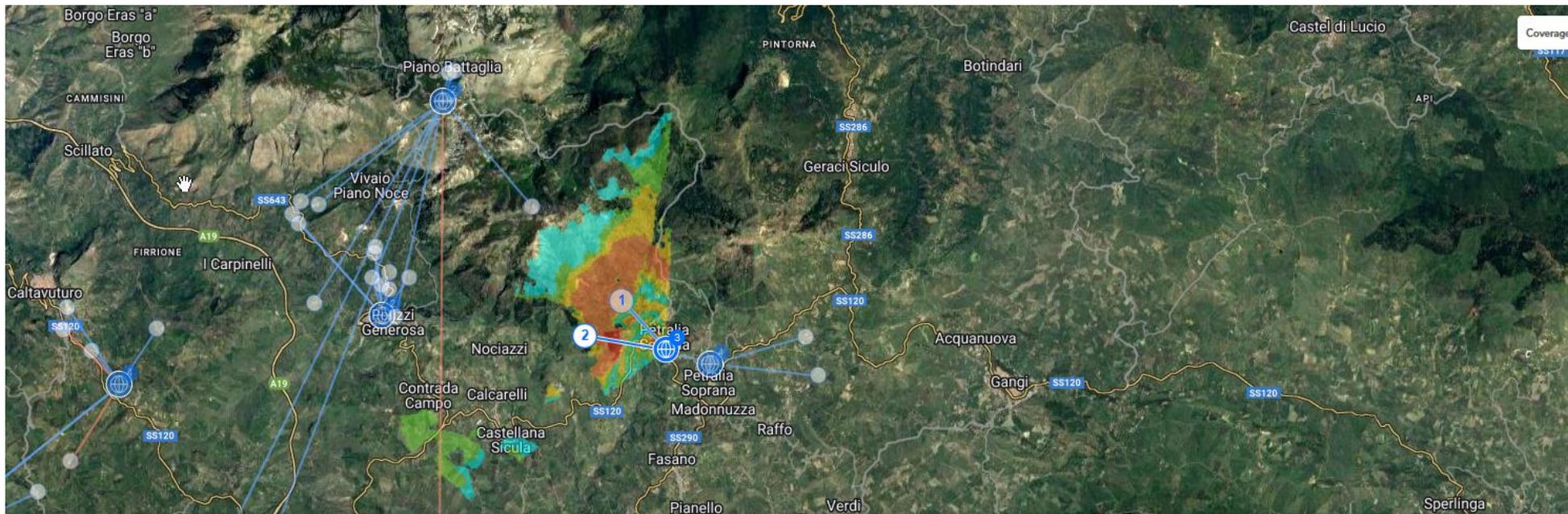
| | |
|-----------|----------------------|
| Name | Location |
| Station27 | 37.839686, 13.971898 |
| Product | Antenna |
| LTU-Lite | |
| Power | Channel Width |
| Auto | |

Height: 12 m
 Tilt: 5.5°
 Azimuth: 138° s

Expected Signal: -75 dBm

PETRALIA SOPRANA





AP17

Name: AP17
Location: 37.804905, 14.09422

Product: LTU-Rocket
Antenna: 19 dBi 120°

Power: Auto
Channel Width: 100 MHz

Height: 15.18 m

Azimuth: 298°w
Tilt: 2.26°

Expected Signal: -65 dBm

Product Selection: **Auto** Manual

Capacity 805 Mbps

RF Noise: Noise Free

Distance: 2.41 km

Height: 12 m

Expected Signal: -59 dBm

LIDAR data is not available in this area.

Station31

Name: Station31
Location: 37.80837, 14.067224

Product: LTU-XR
Antenna: 19 dBi 120°

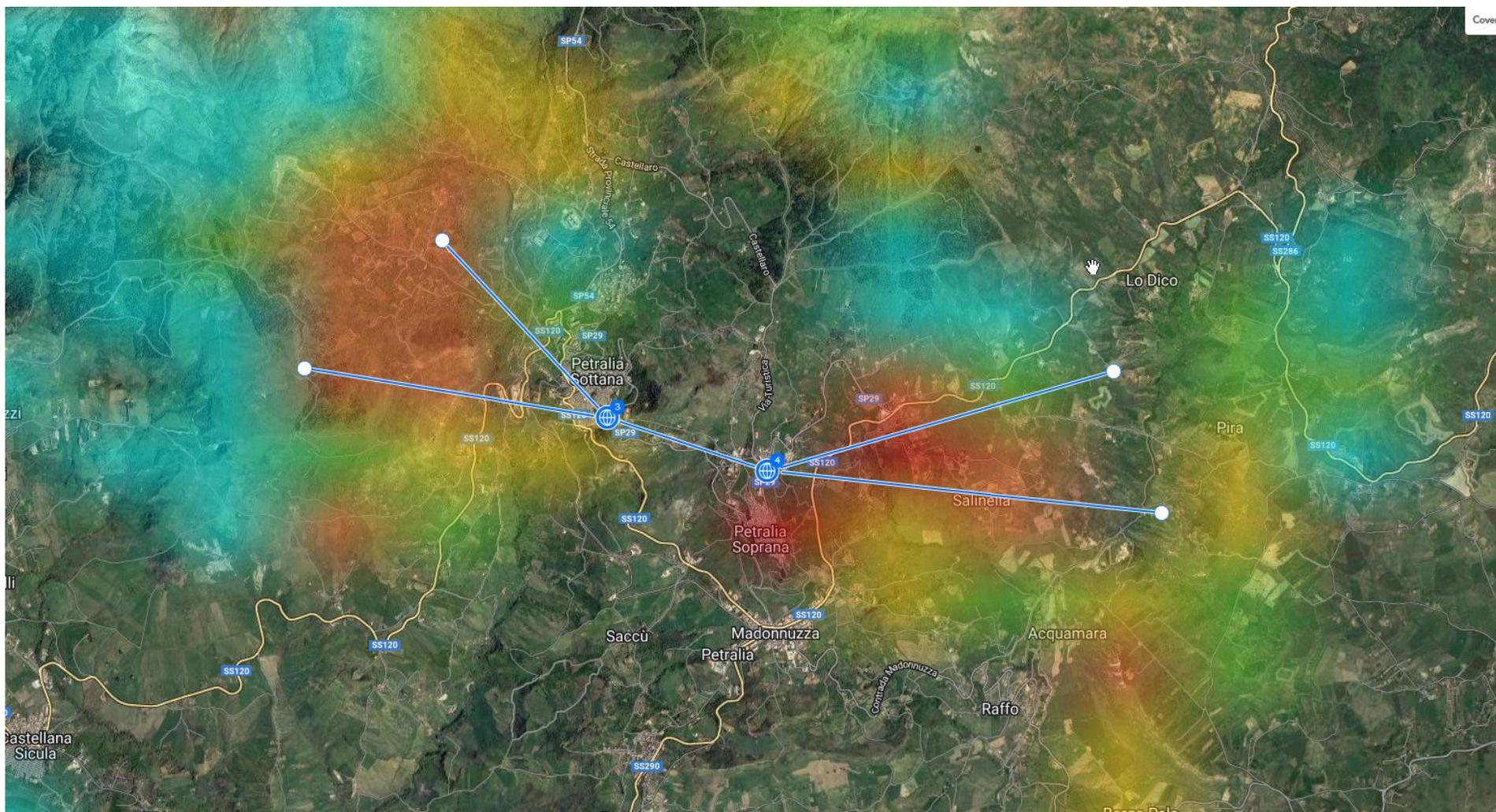
Power: Auto
Channel Width: 100 MHz

Height: 12 m

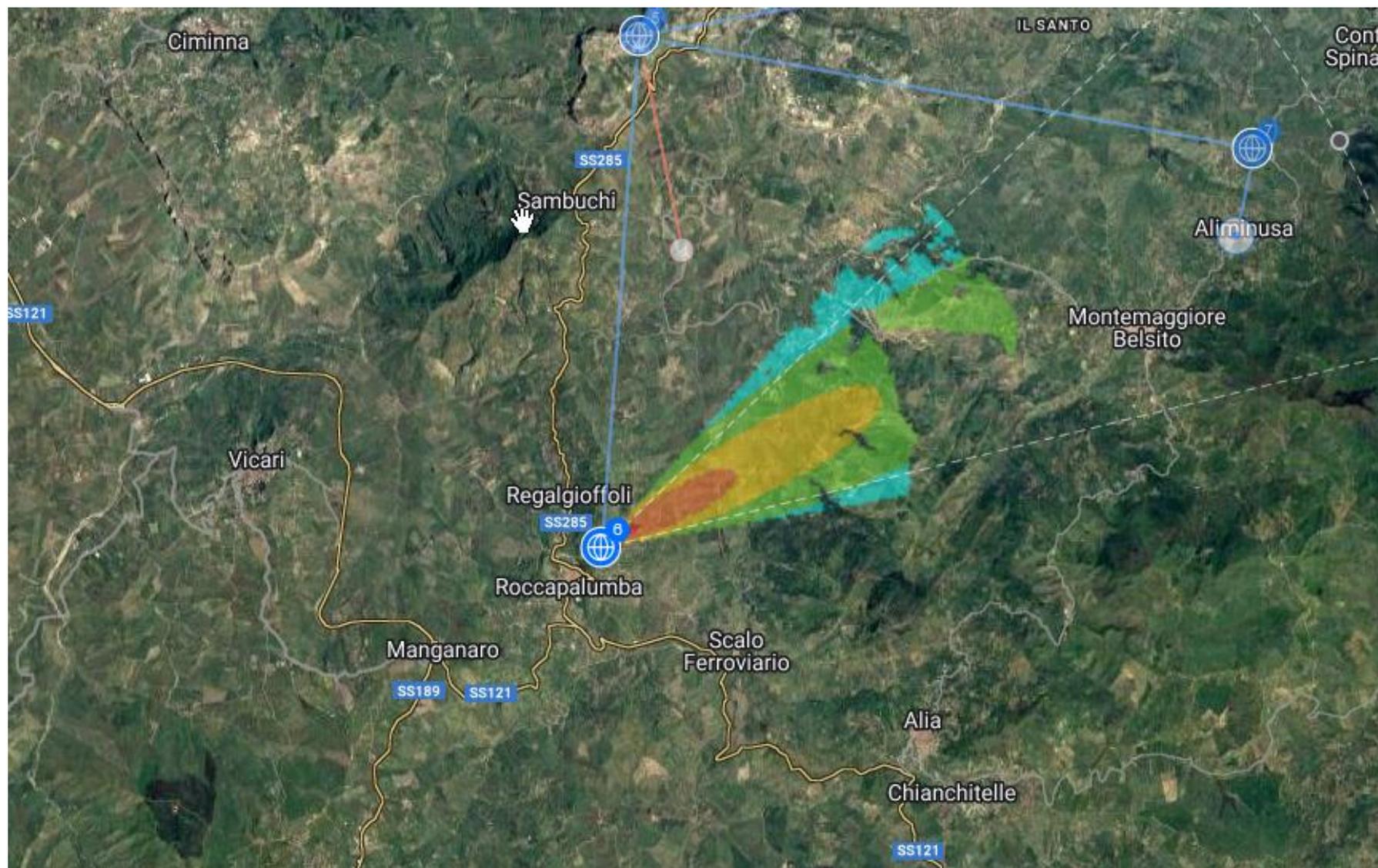
Azimuth: 99°E
Tilt: -2.31°

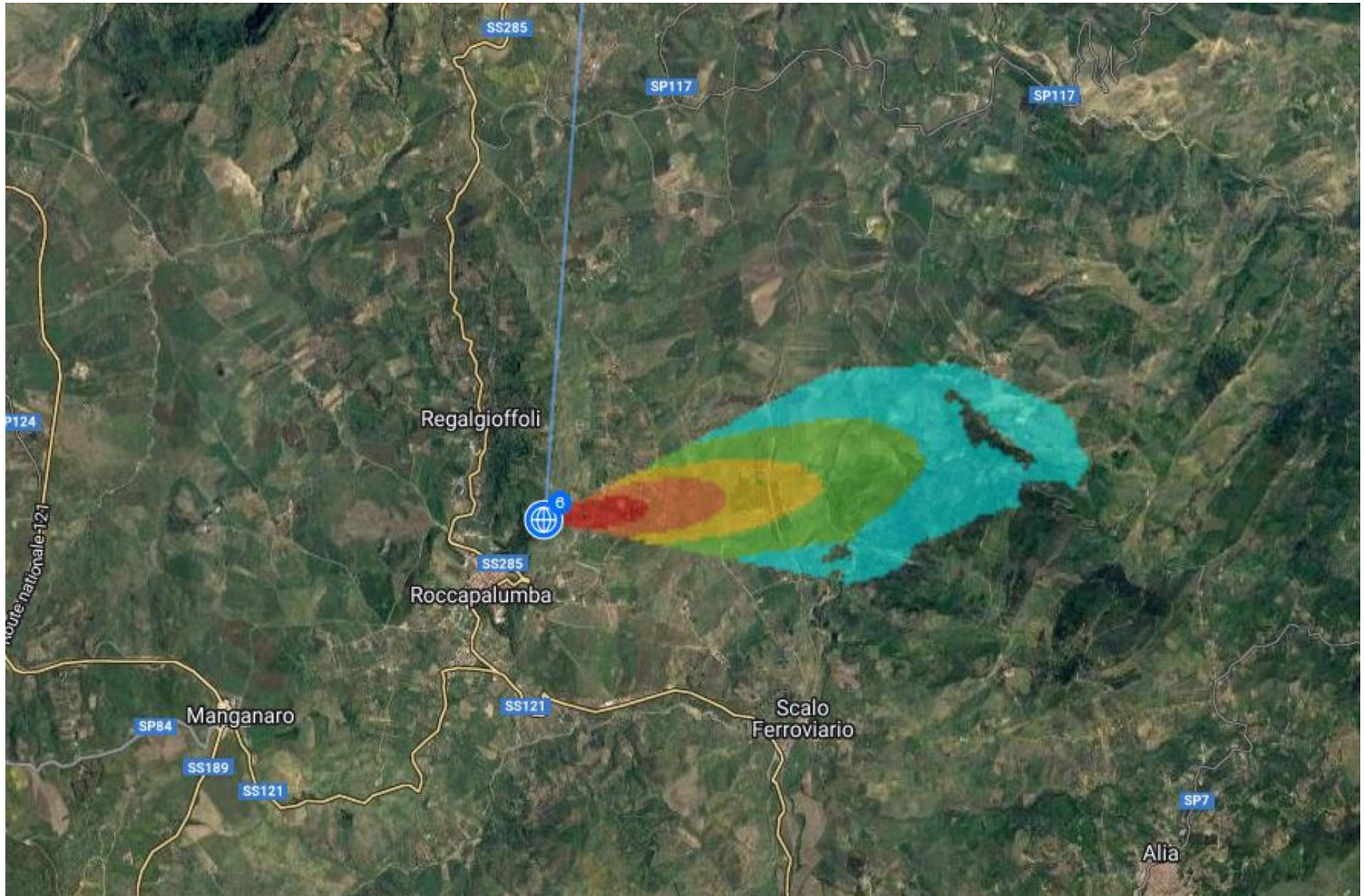
Expected Signal: -59 dBm

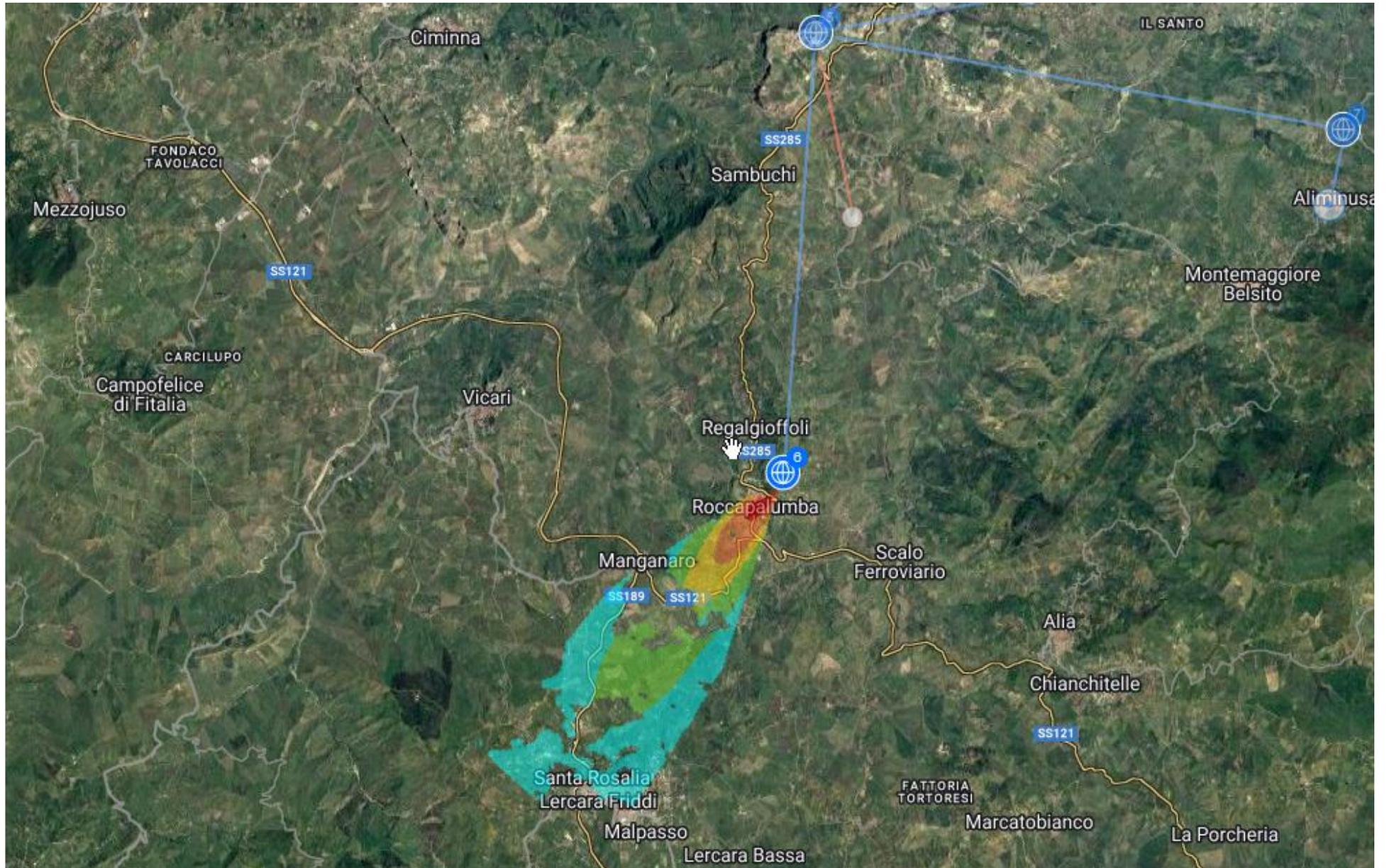
MAGLIA DIFFUSA PETRALIE



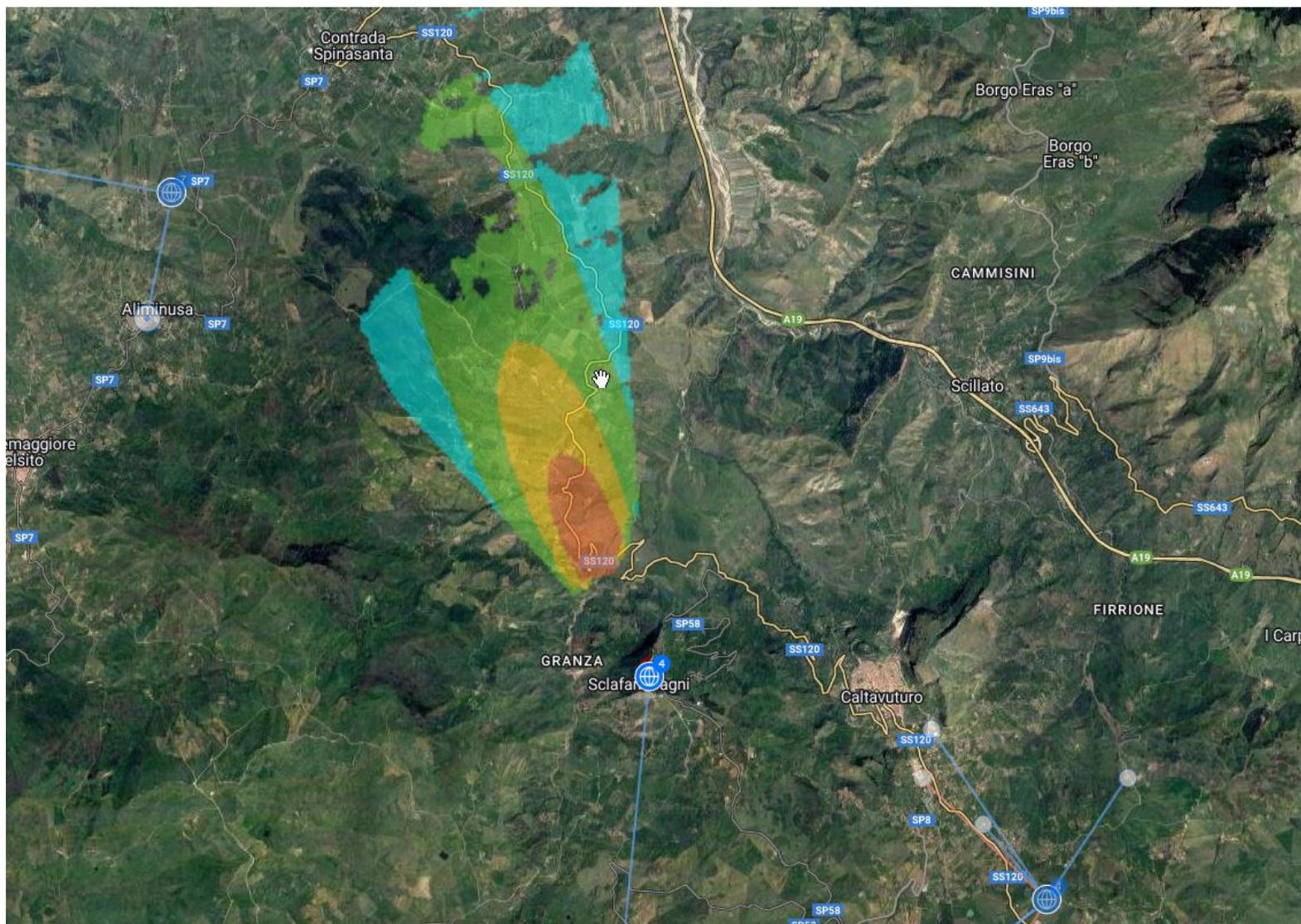
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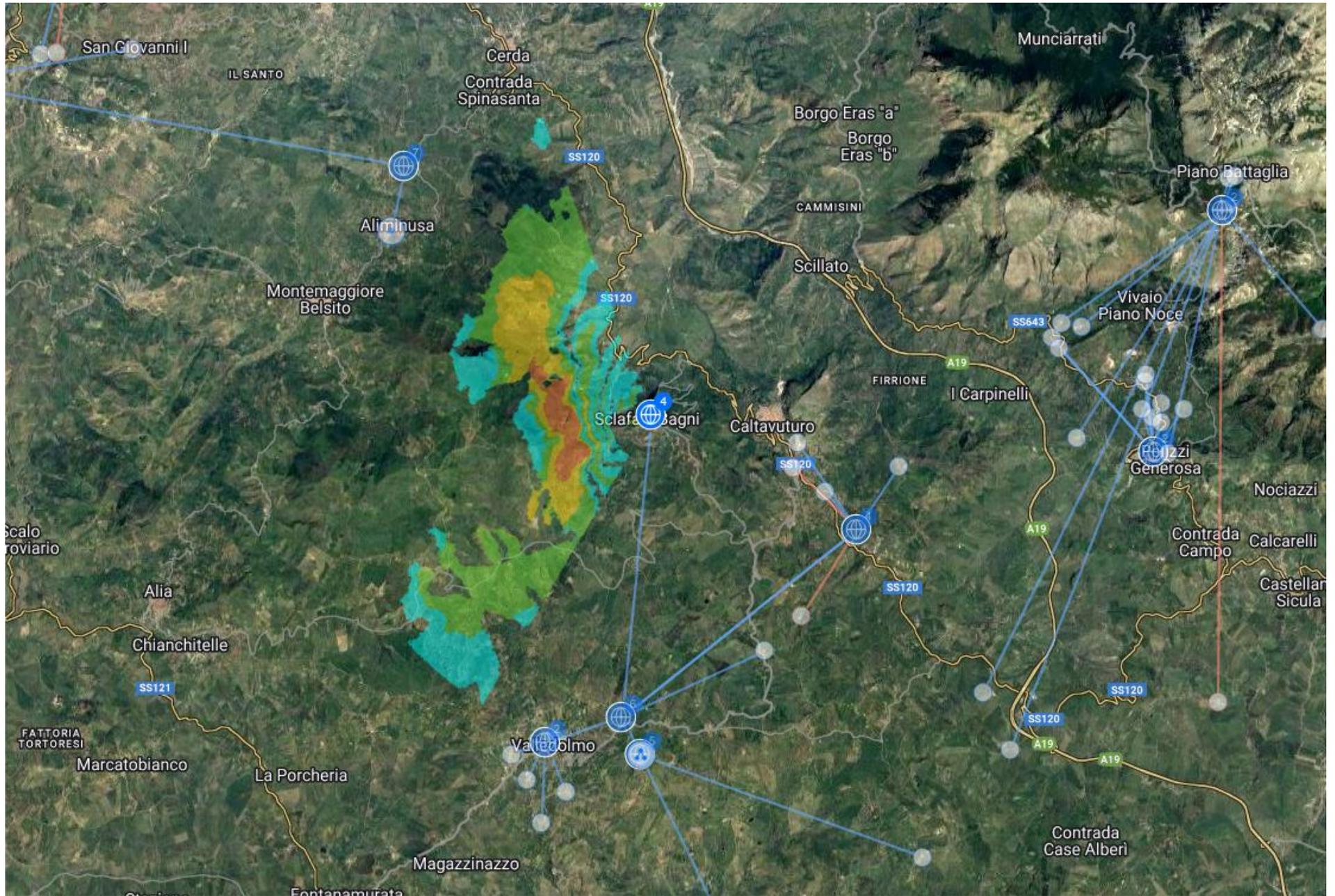


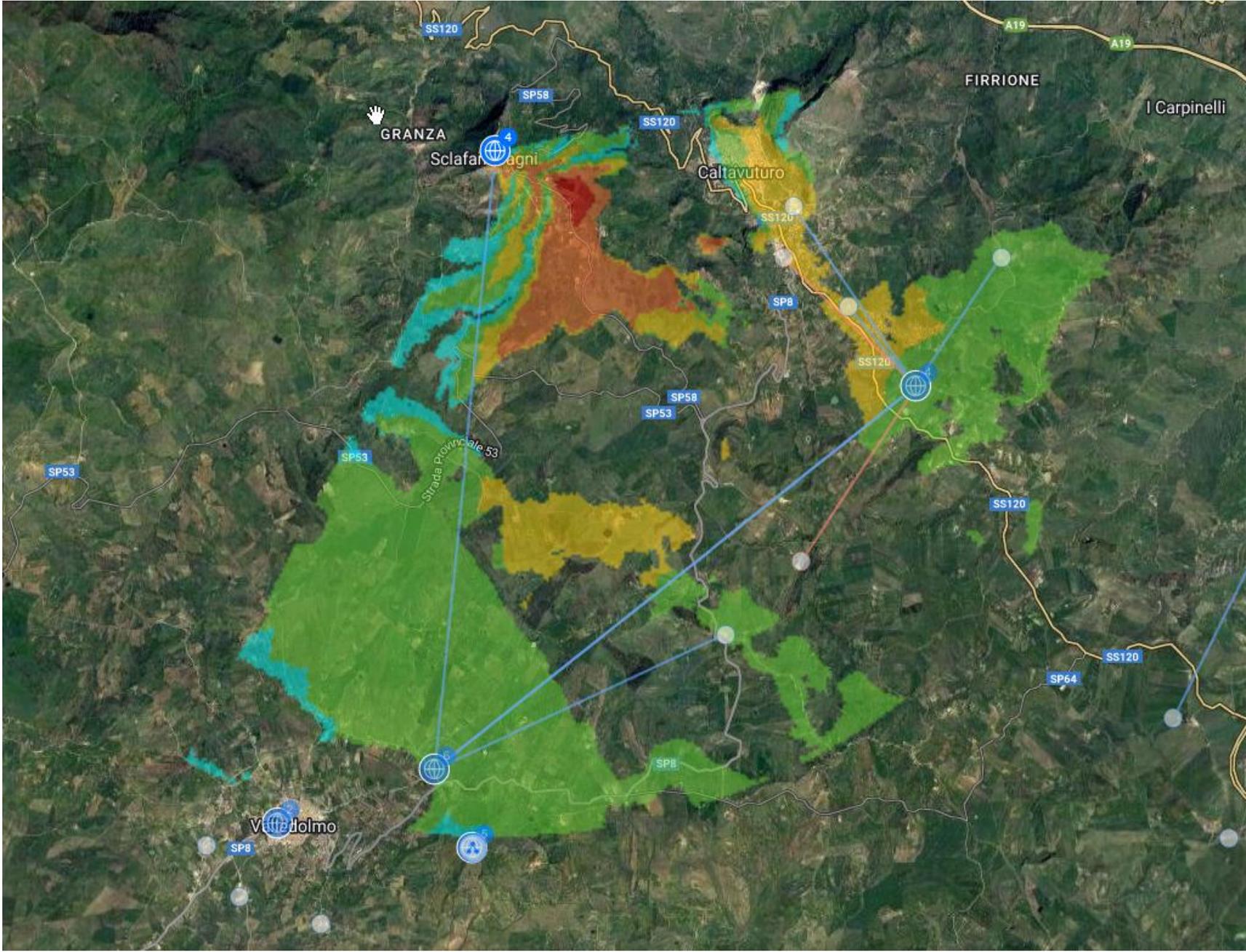




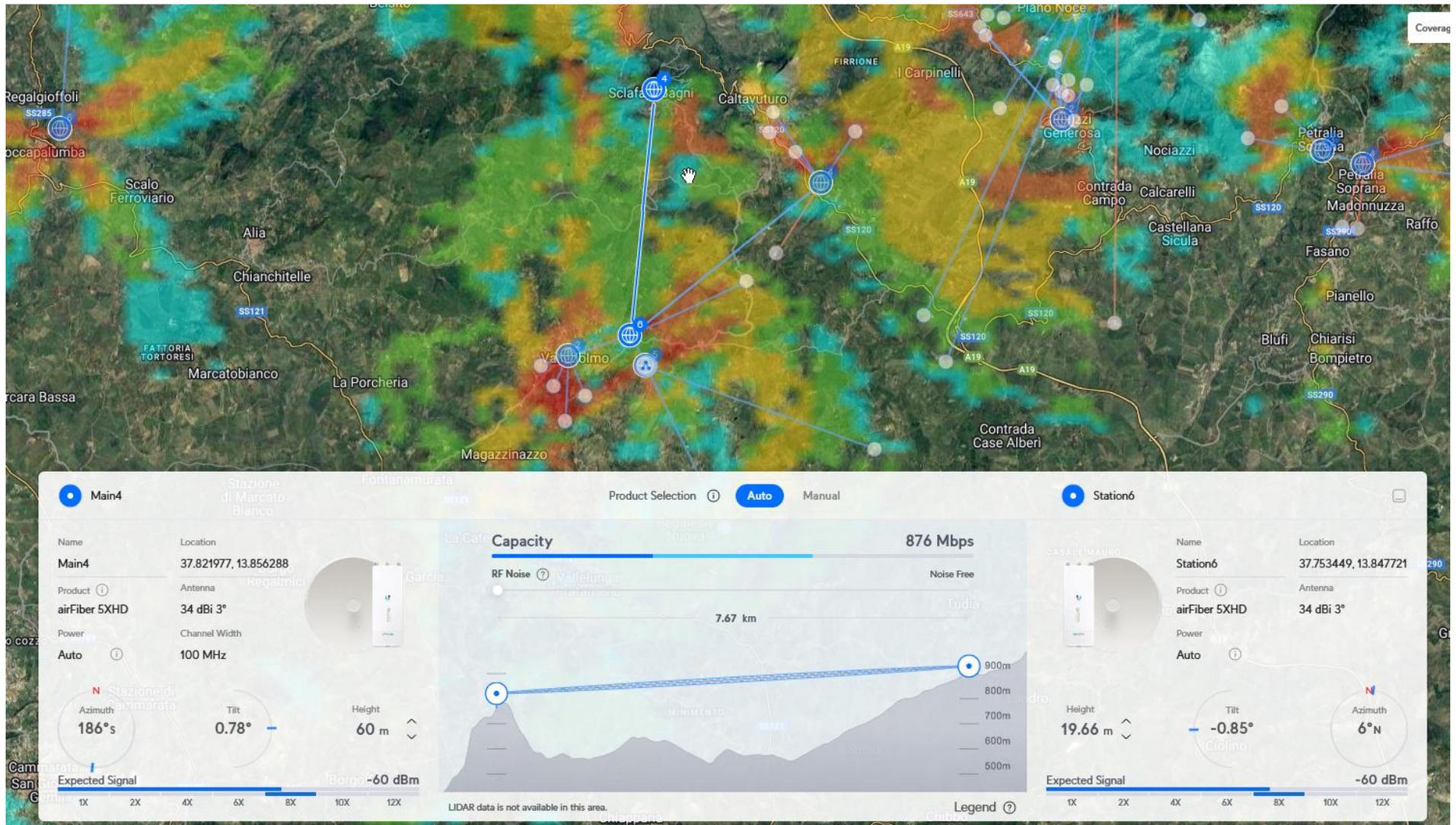
SCLAFANI BAGNI



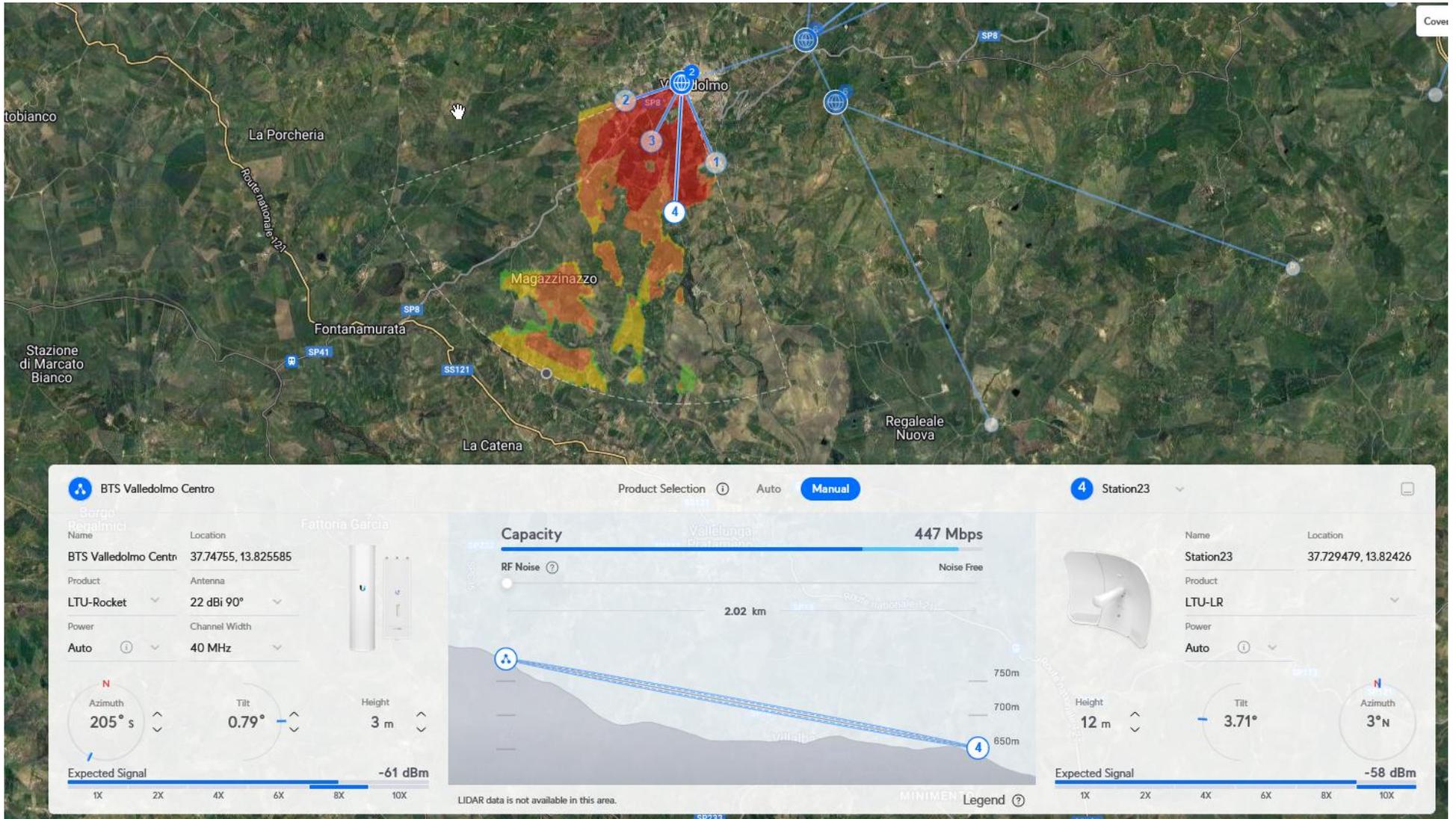


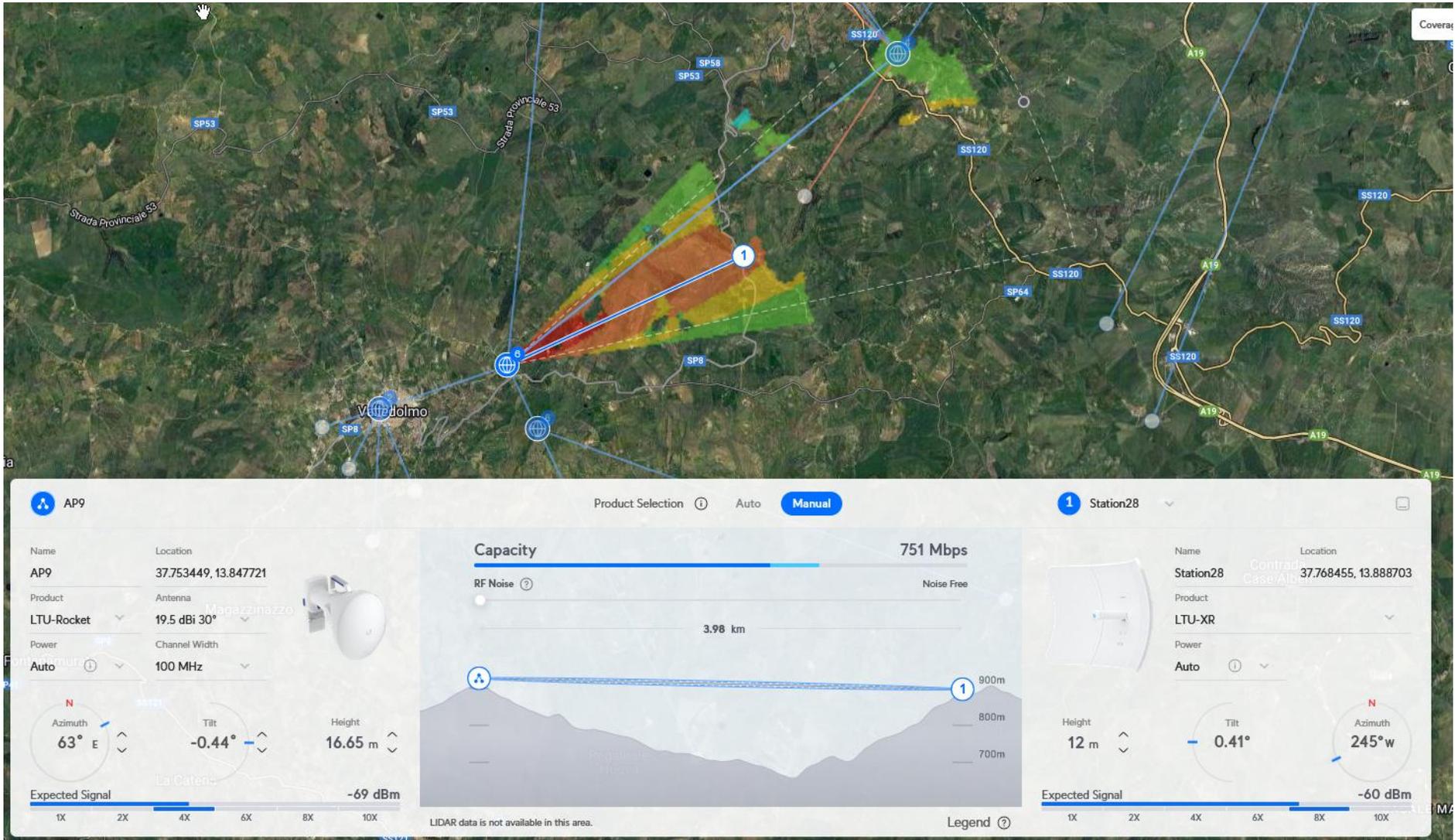


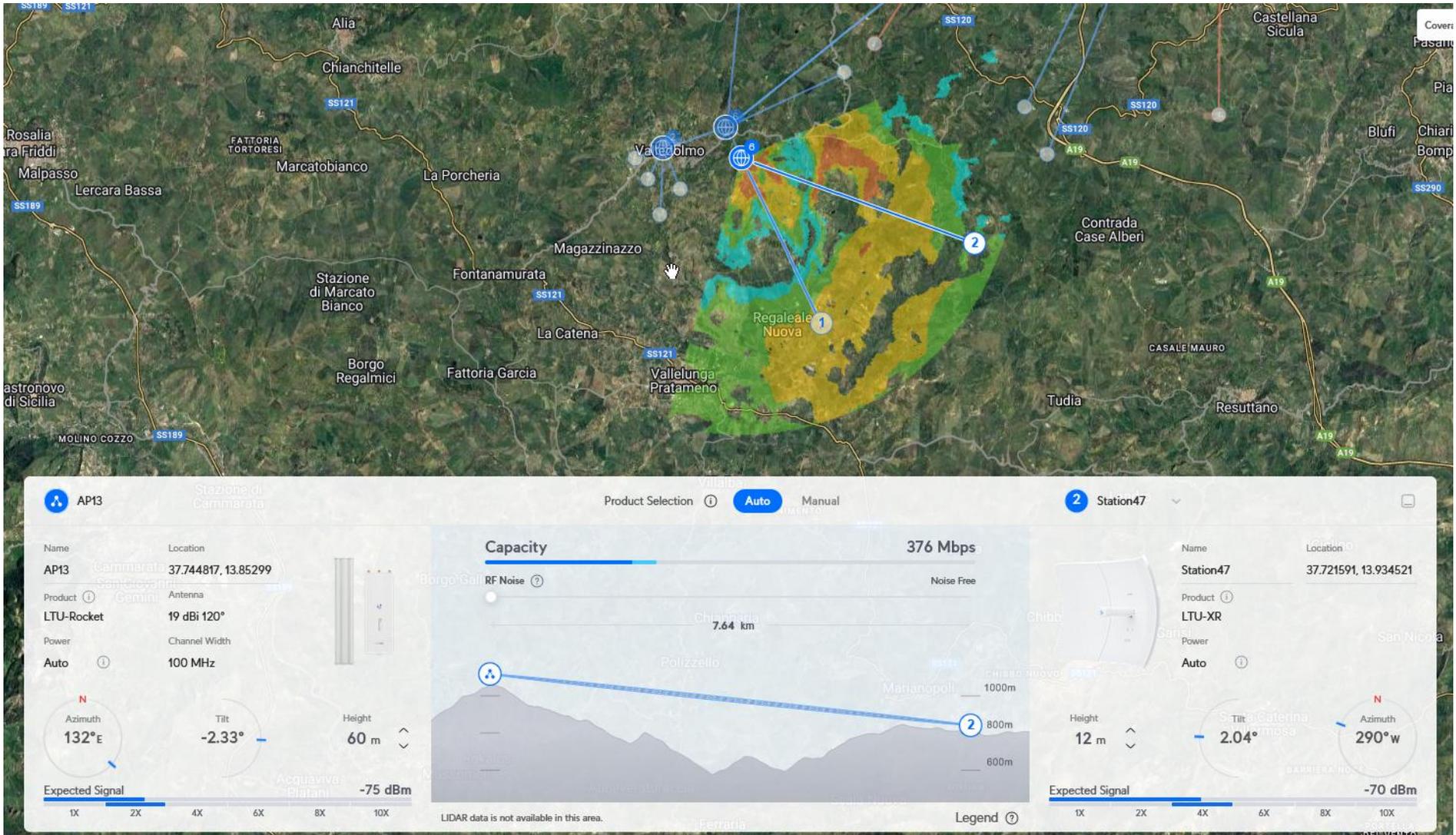
VALLEDOLMO-SCLAFANI BAGNI rilegamento

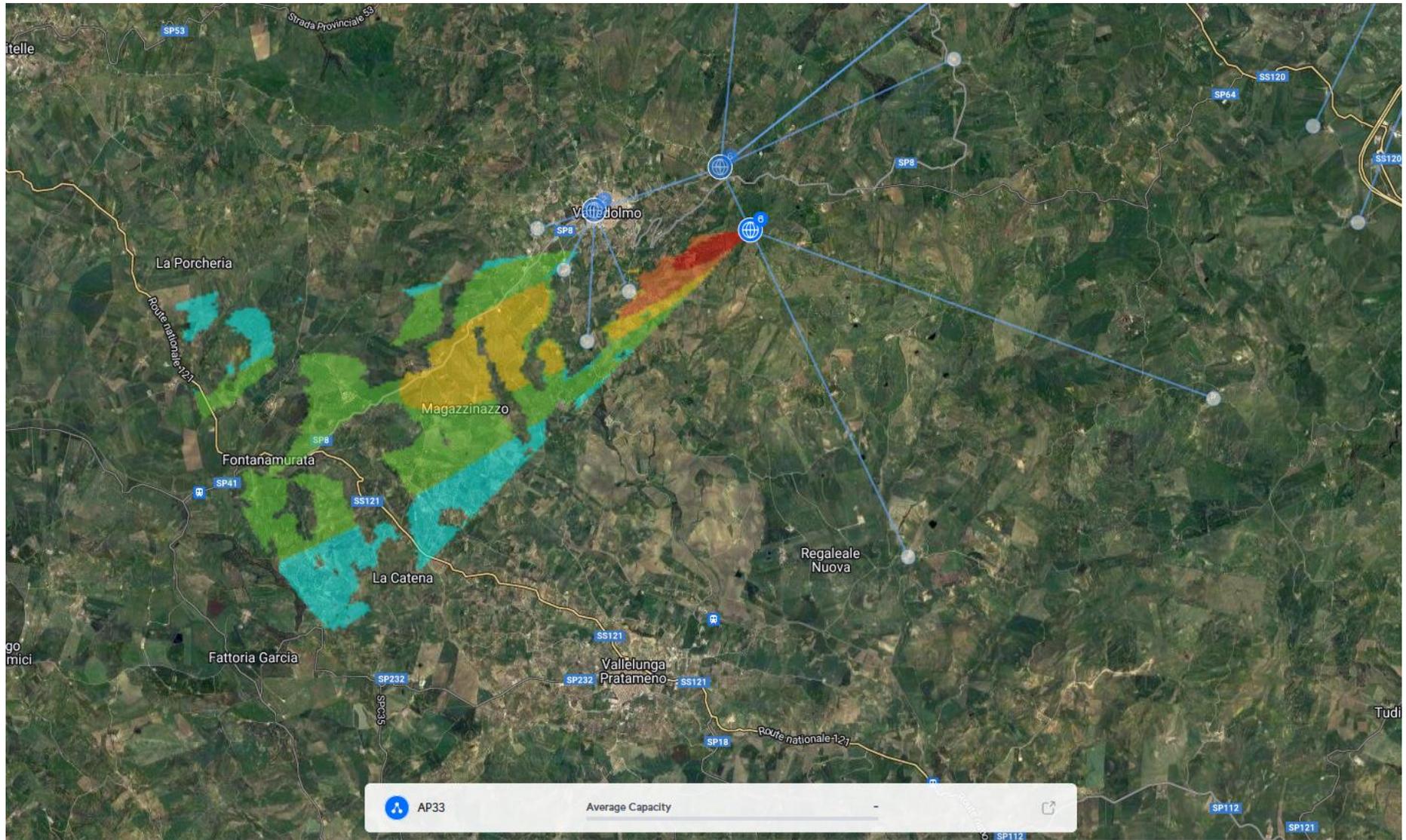


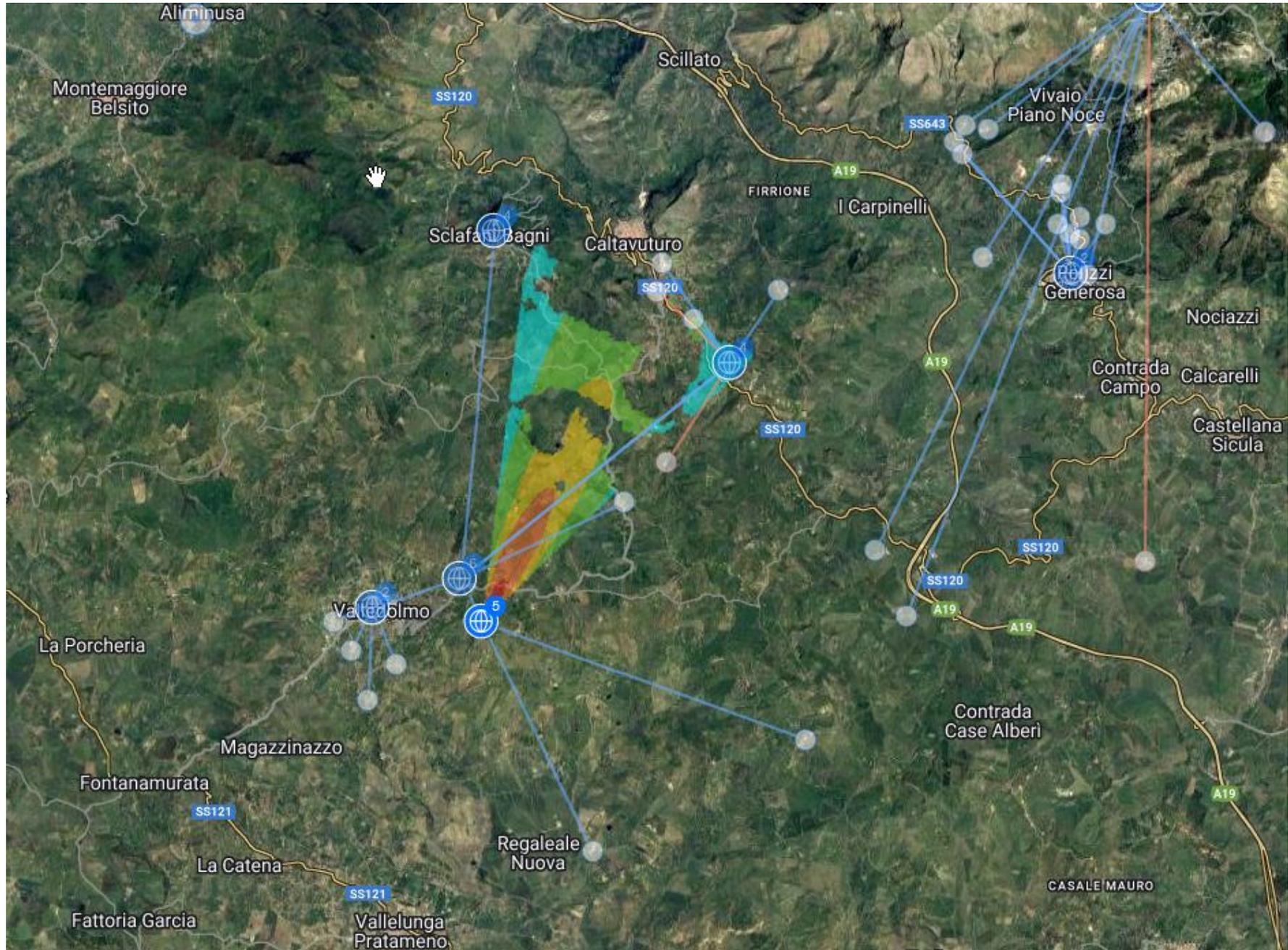
VALLEDOLMO

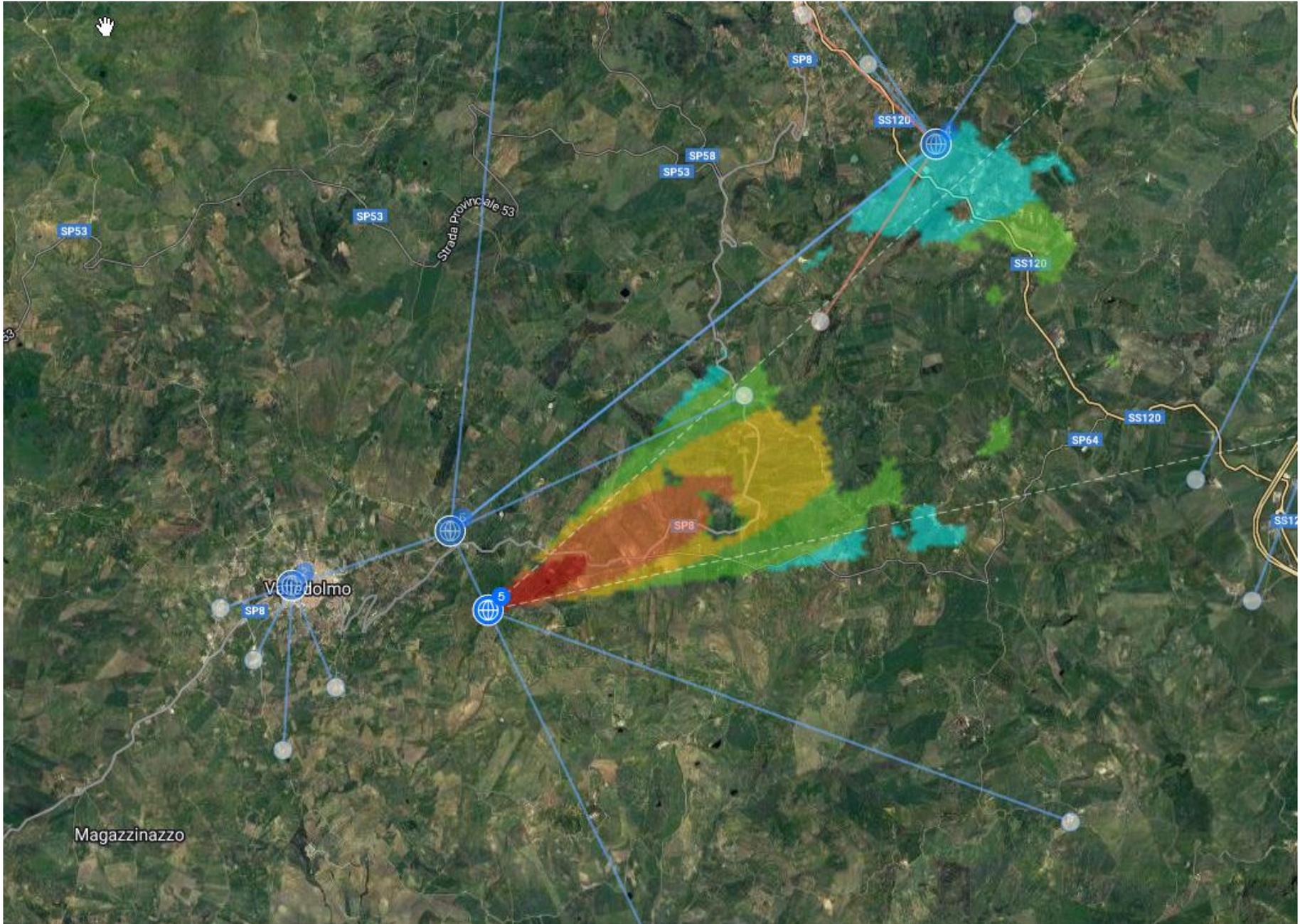


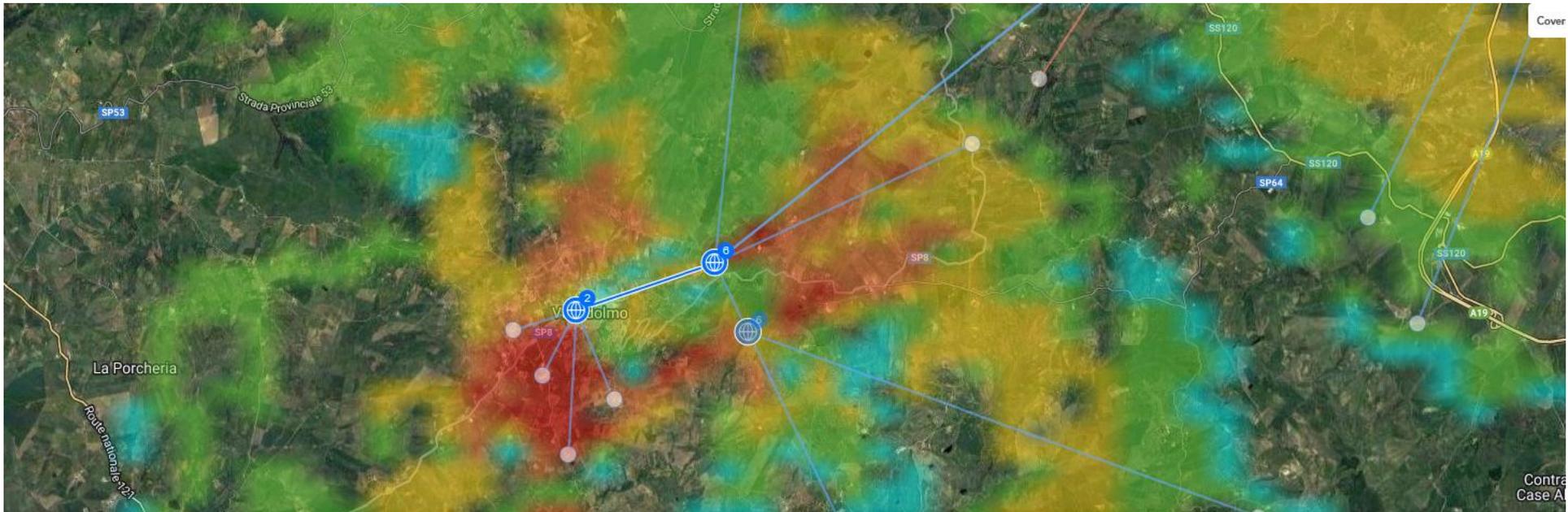












Main1
Product Selection ⓘ Auto **Manual**
Station3

Name: Main1
Location: 37.753449, 13.847721

Product: airFiber 60 XR

Frequency: Wave AI | Channel Width: Wave AI

Height: 5 m

Azimuth: 251°w | Tilt: -3.7°

60 GHz Expected Signal: -39 dBm

60 GHz Capacity ⓘ 2700 Mbps

Rainfall ⓘ No Rain, 0 mm/hr

2.06 km

LIDAR data is not available in this area.

Name: Station3
Location: 37.74755, 13.825585

Product: airFiber 60 XR

Height: 3 m

Tilt: 3.69° | Azimuth: 71°E

60 GHz Expected Signal: -39 dBm

