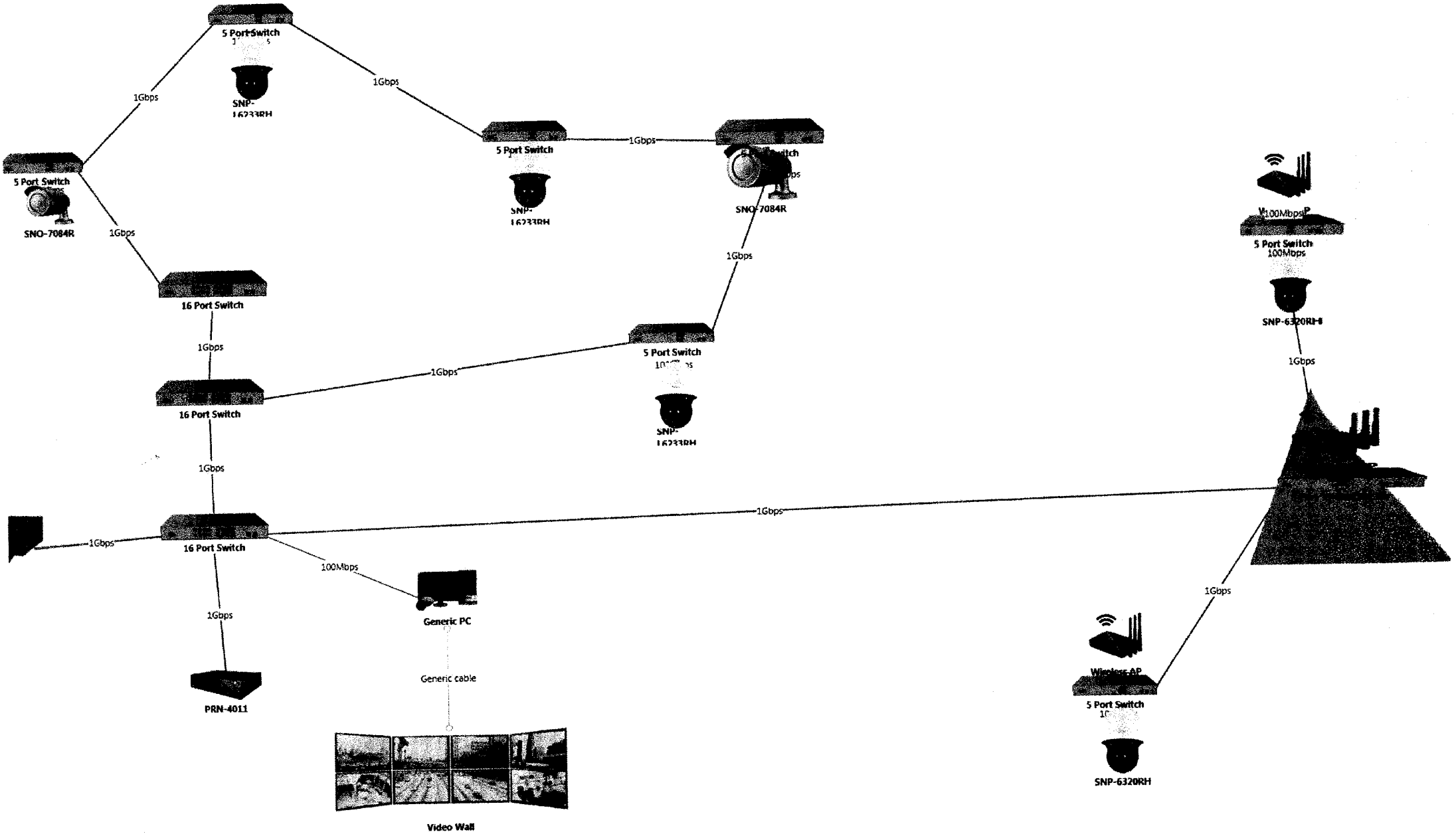
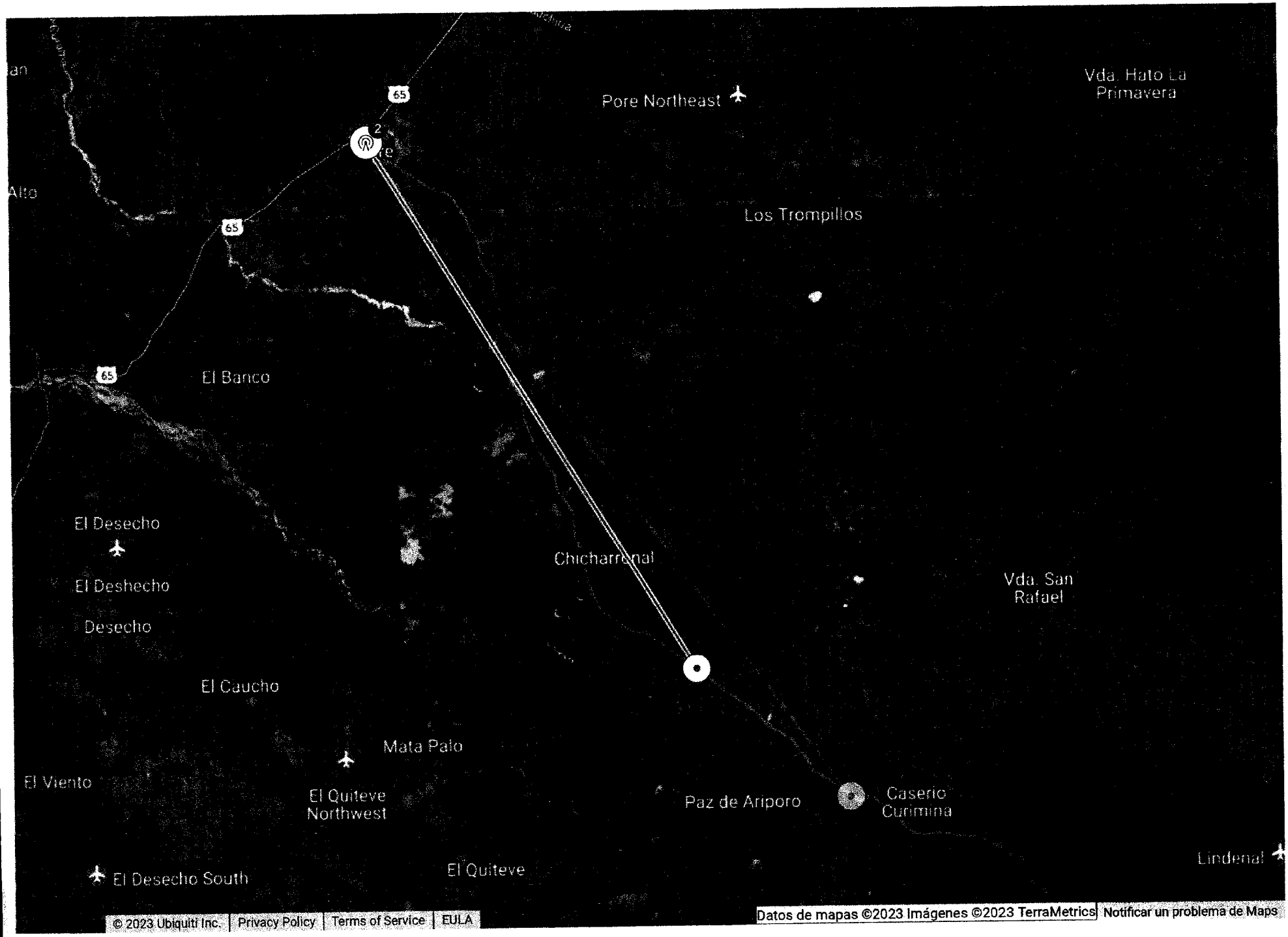
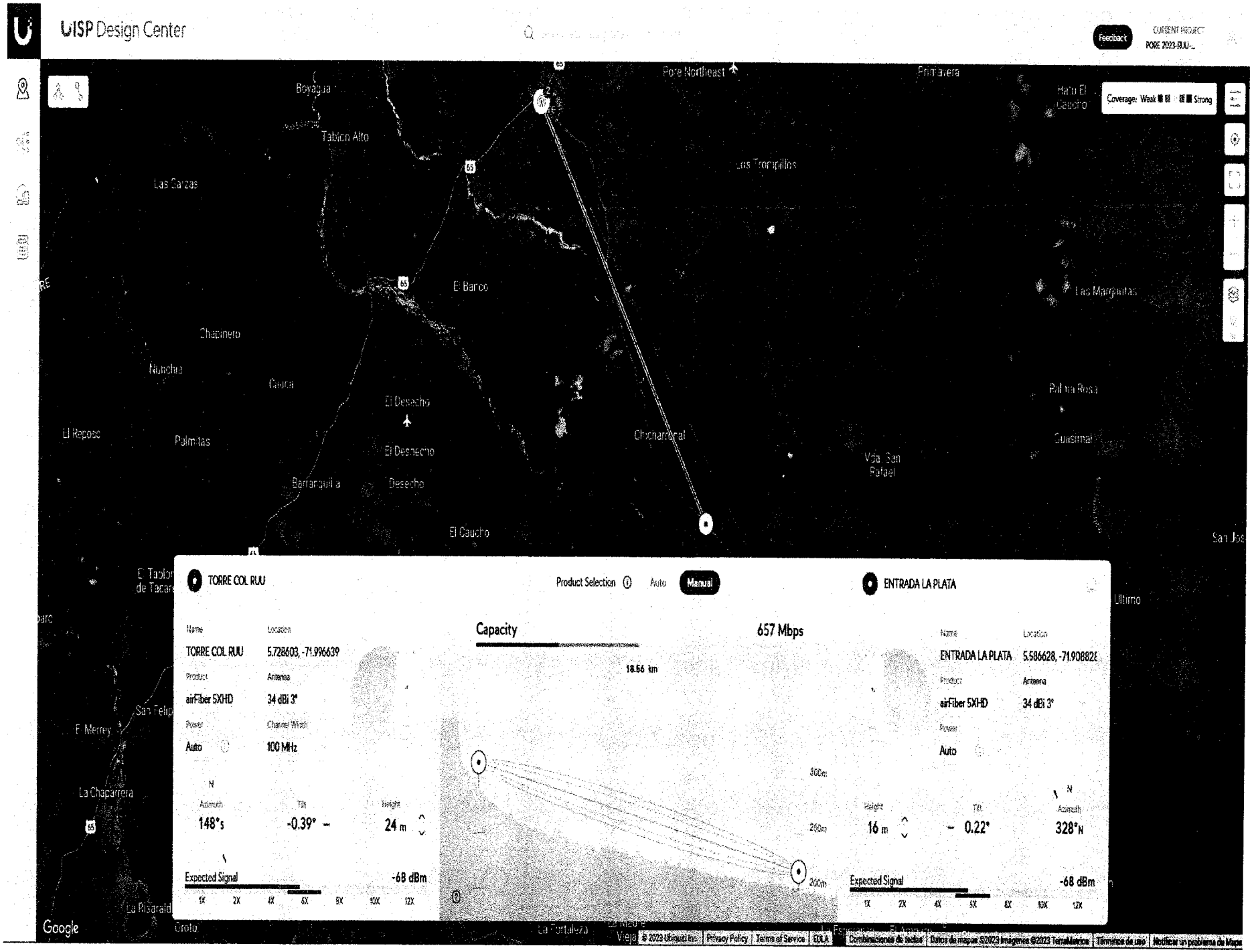
DIAGRAMA Y RADIOENLACES

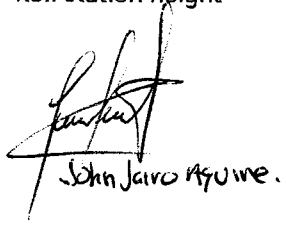


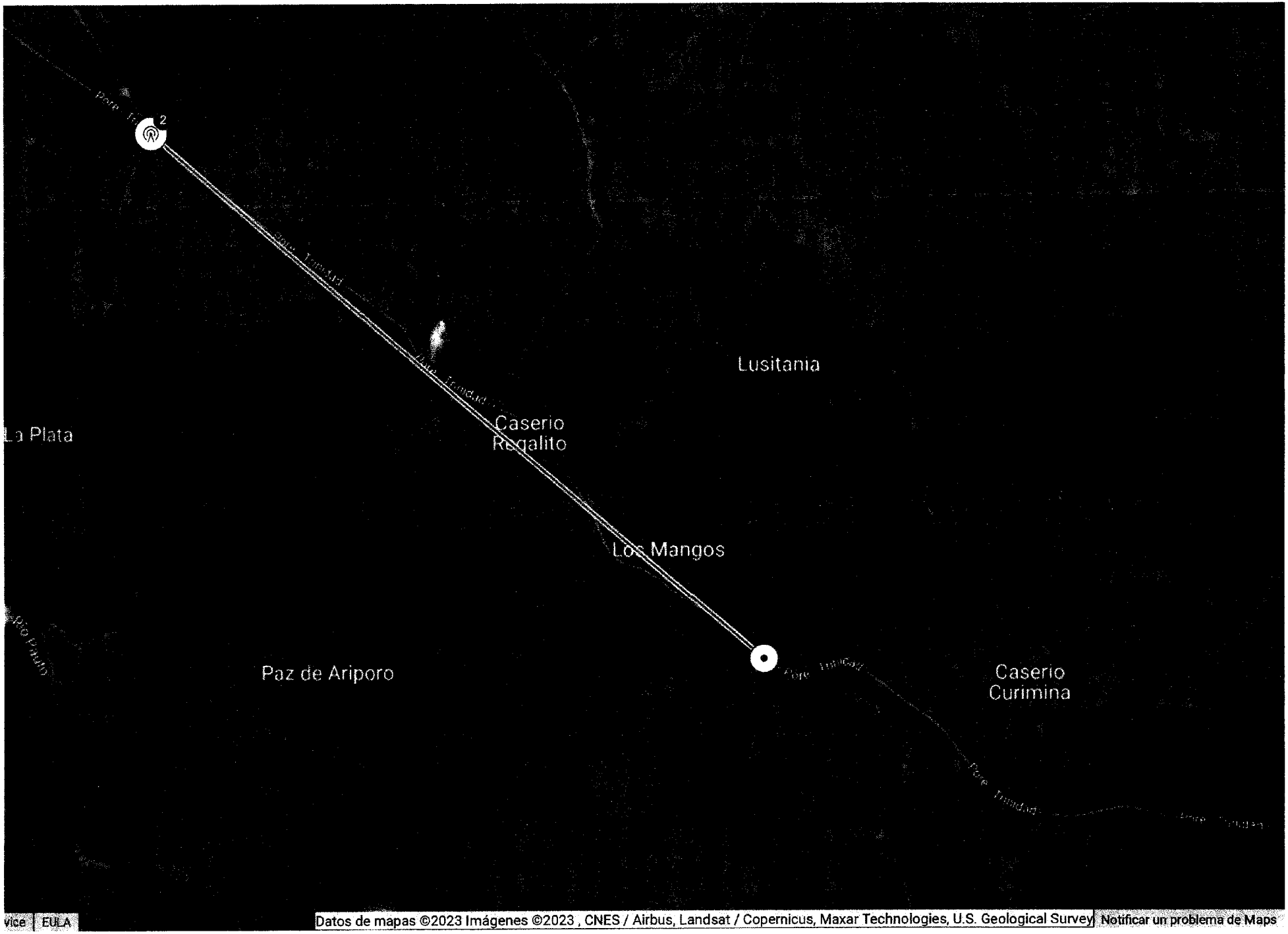
John Jairo A.
Prof. Contratado

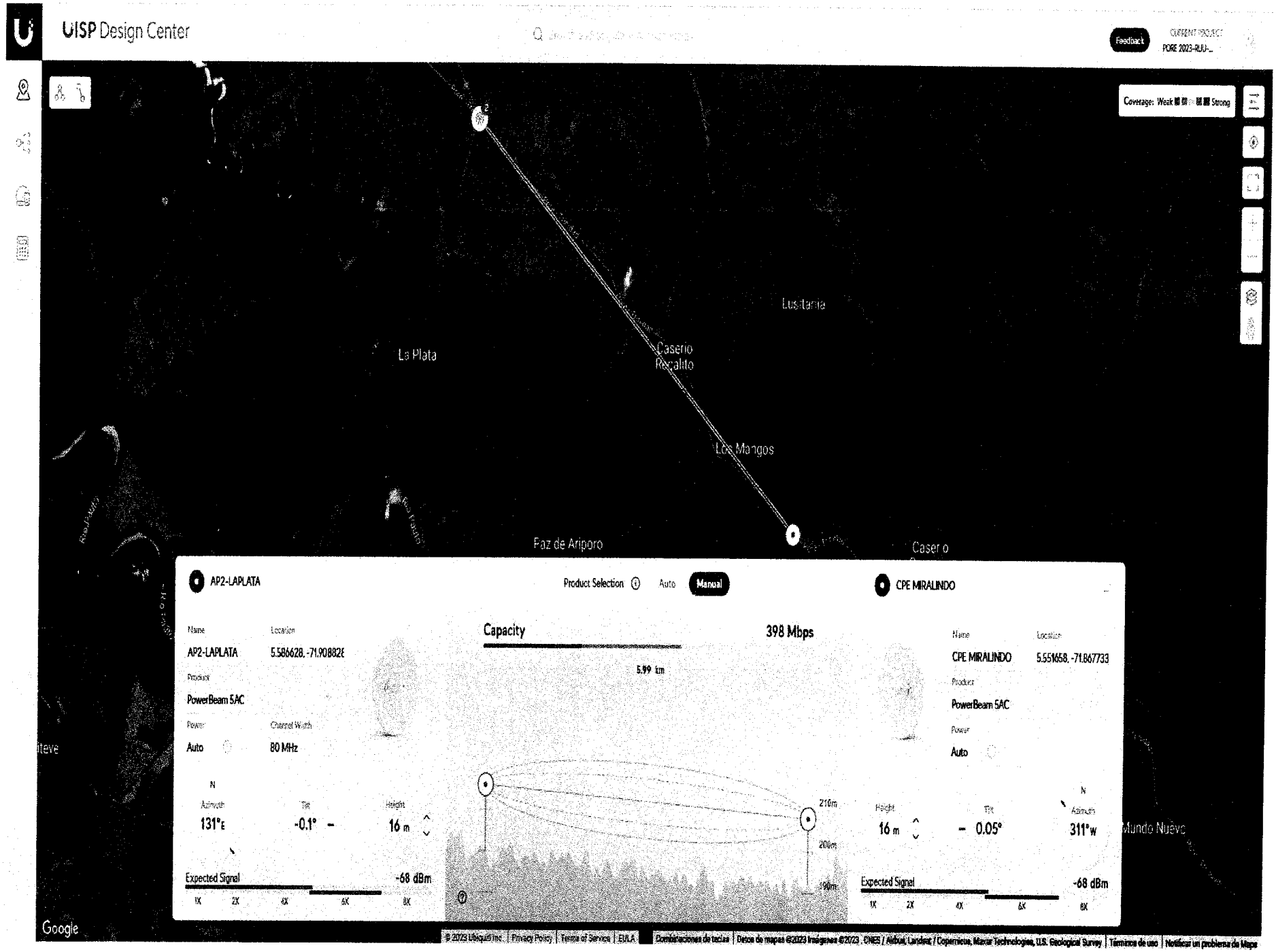

Pore Northeast
Vda. Hato La Primavera
Los Trompillos
El Banco
El Desecho
El Deshecho
Desecho
Chicharronal
Vda. San Rafael
El Caucho
Mata Palo
El Viento
El Quiteve Northwest
Paz de Ariporo
Caserio Curimina
El Desecho South
El Quiteve
Lindenal
65
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CURRENT PROJECT
PORE 2023-RUU-...
Coverage: Weak Strong
Pore Northeast
Primavera
Hato El Caucho
Boyaguja
Tabion Alto
Las Carzas
Los Tronquitos
El Barco
Las Margaritas
Chapinero
Nunchia
Cauca
El Desecho
Pulina Rosa
El Reposo
Palmitas
El Desnecho
Chicharrero
Guasimal
Barranquilla
Desecho
Vda. San Rafael
El Caucho
San Jose
El Tablon de Tacare
Ultimo
San Felip
F. Merrey
La Chaparrera
La Risgrald
Orolo
La Fortaleza
Google
TORRE COL RUU
Product Selection
Auto
Manual
ENTRADA LA PLATA
Name
Location
TORRE COL RUU
5.728603, -71.996639
Product
Antenna
airFiber 5XHD
34 dBi 3°
Power
Channel Width
Auto
100 MHz
N
Azimuth
148°S
Tilt
-0.39°
Height
24 m
Expected Signal
-68 dBm
1X 2X 4X 6X 8X 10X 12X
Capacity
657 Mbps
18.56 km
300m
260m
200m
Name
Location
ENTRADA LA PLATA
5.586628, -71.90882
Product
Antenna
airFiber 5XHD
34 dBi 3°
Power
Auto
N
Azimuth
328°N
Height
16 m
Tilt
0.22°
Expected Signal
-68 dBm
1X 2X 4X 5X 8X 10X 12X
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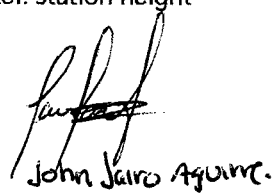
	Site	Station
Name	TORRE COL RUU	ENTRADA LA PLATA
Position	5.728603,-71.996639	5.586628,-71.908828
Device	airFiber 5XHD	airFiber 5XHD
Frequency	5000 MHz	
Device Height	24 m	16 m
Output Power	-4 dBm	-4 dBm
EIRP	30 dBm	30 dBm
Channel Width	100 MHz	
Antenna	Name: RD-5G34 Gain: 34dBi Angle: 3°	Name: RD-5G34 Gain: 34dBi
Heading	Heading: 148.38° Magnetic declination: -9.62° Magnetic heading: 158°	Heading: 328.39° Magnetic declination: -9.66° Magnetic heading: 338.05°
Tilt to connected radio	-0.39°	0.22°
Radius		
Ref. station height		



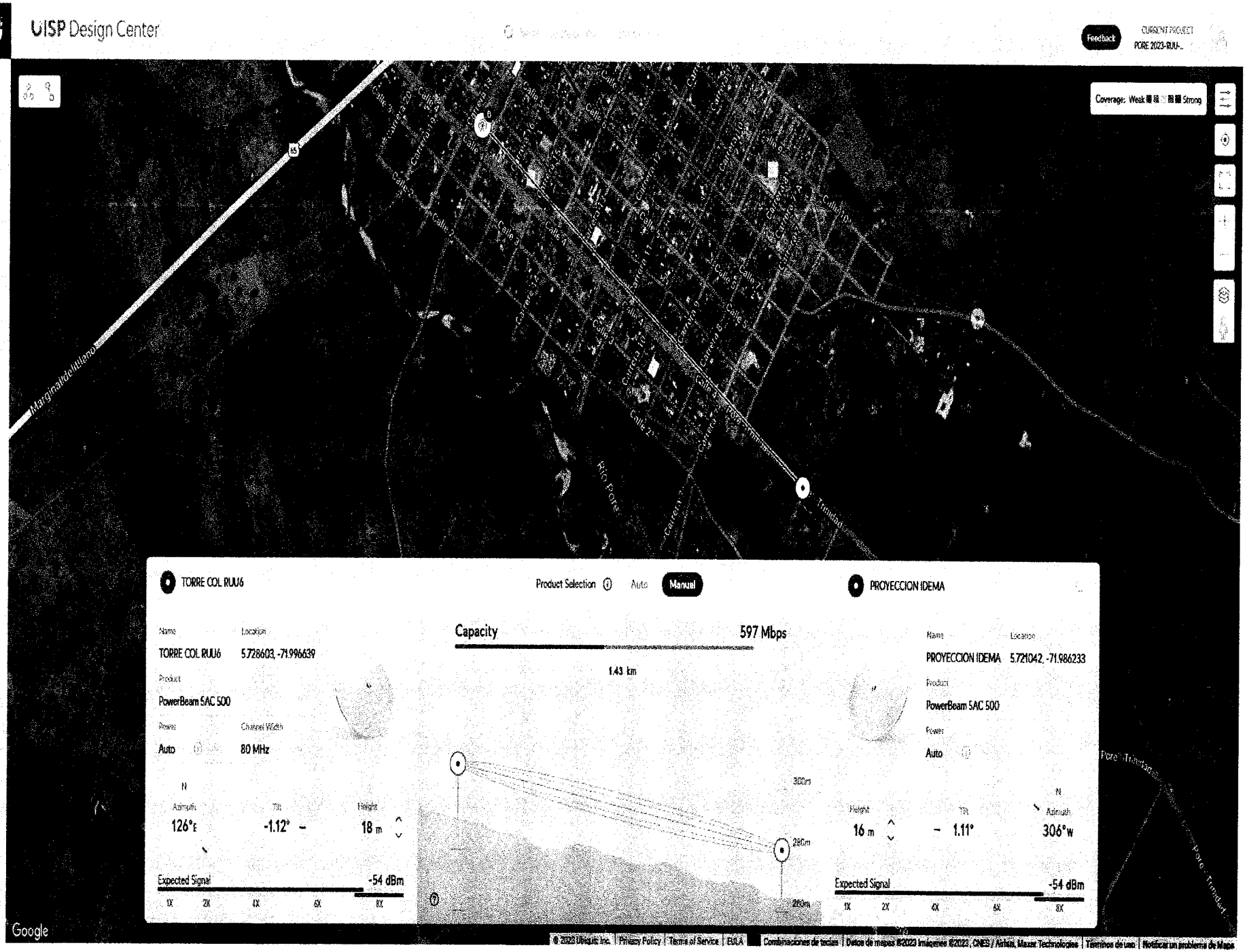

2
Lusitania
La Plata
Caserio
Regalito
Los Mangos
Paz de Ariporo
Caserio
Curimina
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Coverage: Weak Strong
Lusitania
La Plata
Caserio
Recalito
Los Mangos
Paz de Ariporo
Caser o
AP2-LAPLATA
Product Selection
Auto
Manual
CPE MIRALINDO
Name
AP2-LAPLATA
Location
5.586628, -71.90882E
Product
PowerBeam 5AC
Power
Auto
Channel Width
80 MHz
Azimuth
131°E
Tilt
-0.1°
Height
16 m
Expected Signal
-68 dBm
1X
2X
4X
6X
8X
Capacity
398 Mbps
5.99 km
210m
200m
190m
Name
CPE MIRALINDO
Location
5.551658, -71.867733
Product
PowerBeam 5AC
Power
Auto
Height
16 m
Tilt
- 0.05°
Azimuth
311°W
Expected Signal
-68 dBm
Mundo Nuevo
Google

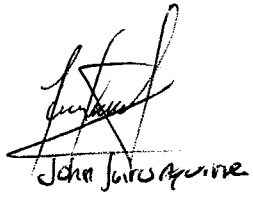
	Site	Station
Name	AP2-LAPLATA	CPE MIRALINDO
Position	5.586628,-71.908828	5.551658,-71.867733
Device	PowerBeam 5AC	PowerBeam 5AC
Frequency	5600 MHz	
Device Height	16 m	16 m
Output Power	5 dBm	5 dBm
EIRP	30 dBm	30 dBm
Channel Width	80 MHz	
Antenna	Name: PBE-RAD-400 Gain: 25dBi Angle: 12°	Name: PBE-RAD-400 Gain: 25dBi
Heading	Heading: 130.53° Magnetic declination: -9.66° Magnetic heading: 140.19°	Heading: 310.53° Magnetic declination: -9.68° Magnetic heading: 320.22°
Tilt to connected radio	-0.1°	0.05°
Radius	12 km	
Ref. station height	12 m	



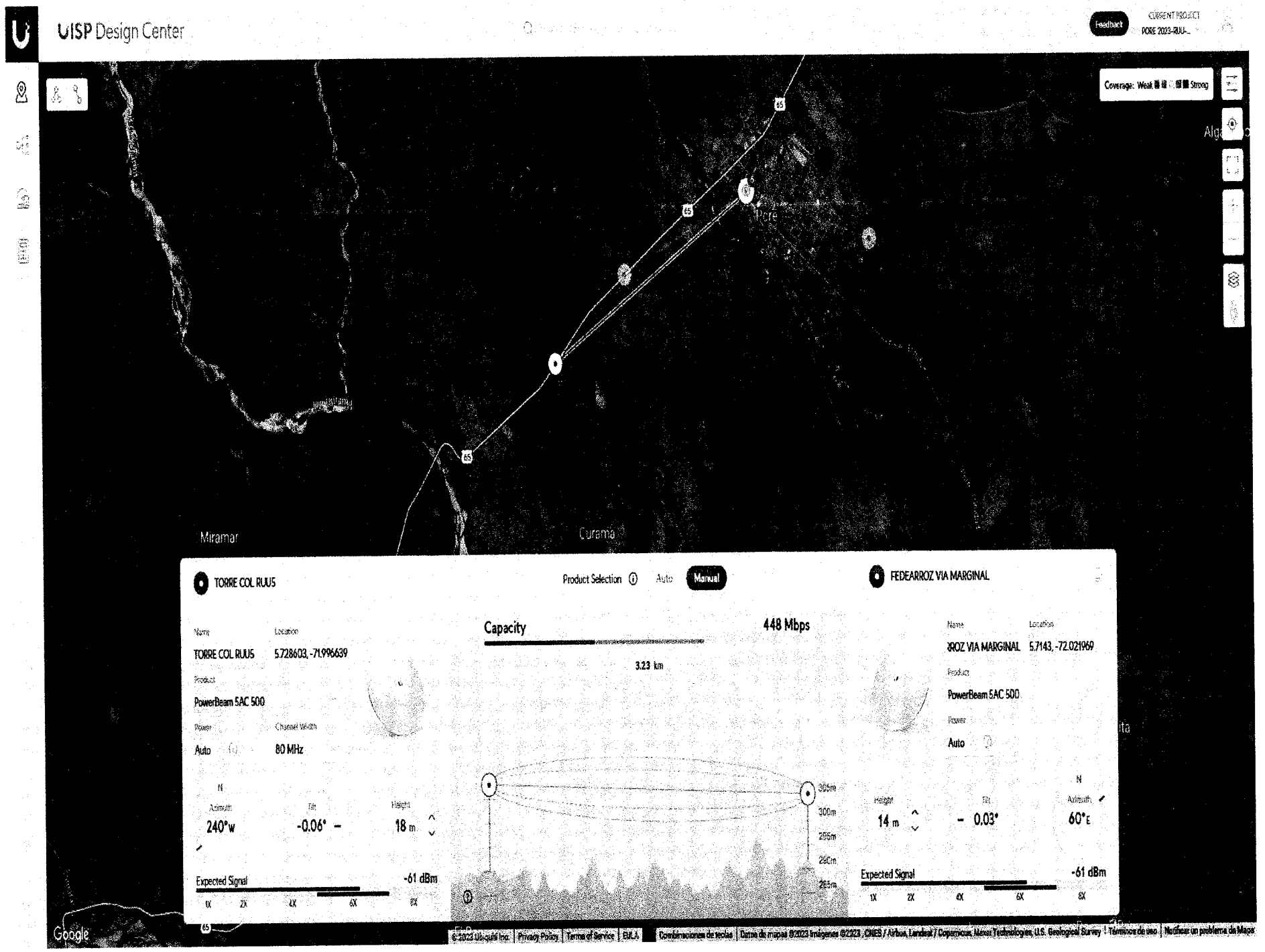

Calle 7
Calle 8
Calle 6
85
Calle 5
Carrera 15
Calle 8
Calle 9
Carrera 13
Carrera 12
Calle 6
Calle 7
Calle 3
Carrera 20
Calle 4
Carrera 18
6
Calle 5
Carrera 19
Carrera 16
Calle 6
Carrera 10
Calle 9
Calle 4
Carrera 15
Carrera 12
Carrera 8
Calle 2
Carrera 13
Carrera 7ª A
Calle 10ª
Calle 2
Calle 3
Calle 4
Calle 5
Carrera 7
Carrera 11
Calle 5
Calle 7ª
Carrera 14
Carrera 9
Calle 4
Carrera 8
Calle 5
Calle 3
Carrera 10
Calle 4
Pore - Trinidad
Calle 2ª
Carrera 7ª
Río Pore
Carrera 7ª
Trinidad
Pore - Trinidad
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Feedback
CURRENT PROJECT
PORE 2023-RUU-..
Coverage: Weak Strong
Marginal del Llano
Río Pore
Trinidad
TORRE COL RUU6
Product Selection
Auto
Manual
PROYECCION IDEMA
Name
Location
TORRE COL RUU6
5.728603, -71.996639
Product
PowerBeam 5AC 500
Power
Channel Width
Auto
80 MHz
N
Azimuth
Tilt
Height
126°E
-1.12°
18 m
Expected Signal
-54 dBm
1X
2X
4X
6X
8X
Capacity
597 Mbps
1.43 km
300m
280m
260m
Name
Location
PROYECCION IDEMA
5.721042, -71.986233
Product
PowerBeam 5AC 500
Power
Auto
Height
Tilt
Azimuth
16 m
1.11°
306°W
Expected Signal
-54 dBm
1X
2X
4X
6X
8X
Pore - Trinidad
Google
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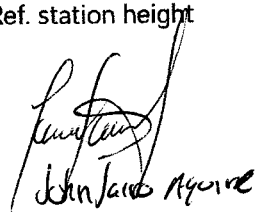
	Site	Station
Name	TORRE COL RUU6	PROYECCION IDEMA
Position	5.728603,-71.996639	5.721042,-71.986233
Device	PowerBeam 5AC 500	PowerBeam 5AC 500
Frequency	5600 MHz	
Device Height	18 m	16 m
Output Power	3 dBm	3 dBm
EIRP	30 dBm	30 dBm
Channel Width	80 MHz	
Antenna	Name: PBE-5AC-500 Gain: 27dBi Angle: 10°	Name: PBE-5AC-500 Gain: 27dBi
Heading	Heading: 126.14° Magnetic declination: -9.62° Magnetic heading: 135.76°	Heading: 306.14° Magnetic declination: -9.62° Magnetic heading: 315.76°
Tilt to connected radio	-1.12°	1.11°
Radius	5 km	
Ref. station height	12 m	




65
Calle 4
5
Pore
Marginal del Llano
Quebrada La Sequi
65
Calle 4
Pore - Trinidad
Pore - Trinidad
Río Pore
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Feedback
Coverage: Weak Strong
Miramar
Curama
TORRE COL RUU5
Product Selection
Auto
Manual
FEDEARROZ VIA MARGINAL
Name
Location
TORRE COL RUU5
5.728603, -71.996639
Product
PowerBeam 5AC 500
Power
Channel Width
Auto
80 MHz
Azimuth
Tilt
Height
240°W
-0.06°
18 m
Expected Signal
-61 dBm
Capacity
448 Mbps
3.23 km
3ROZ VIA MARGINAL
5.7143, -72.021969
PowerBeam 5AC 500
Auto
14 m
0.03°
60°E
Expected Signal
-61 dBm
Google
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Notificar un problema de Maps

	Site	Station
Name	TORRE COL RUU5	FEDEARROZ VIA MARGINAL
Position	5.728603,-71.996639	5.7143,-72.021969
Device	PowerBeam 5AC 500	PowerBeam 5AC 500
Frequency	5600 MHz	
Device Height	18 m	14 m
Output Power	3 dBm	3 dBm
EIRP	30 dBm	30 dBm
Channel Width	80 MHz	
Antenna	Name: PBE-5AC-500 Gain: 27dBi Angle: 10°	Name: PBE-5AC-500 Gain: 27dBi
Heading	Heading: 240.43° Magnetic declination: -9.62° Magnetic heading: 250.04°	Heading: 60.42° Magnetic declination: -9.6° Magnetic heading: 70.02°
Tilt to connected radio	-0.06°	0.03°
Radius	5 km	
Ref. station height	12 m	



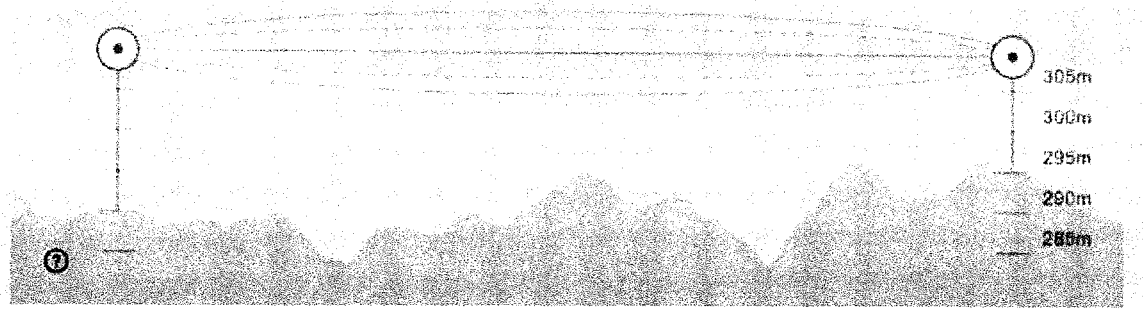

Calle 3
Carrera 20
Calle 4
Carrera 19
Carrera 3
Calle 5
Calle 6
Carrera 16
Carrera 15
Carrera 13
Calle 4
Calle 2
Calle 2
Calle 3
Calle 4
Carrera 14
Calle 3
65
Marginal del Llano
Río Pore
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Product Selection ⓘ Auto **Manual**

Capacity

497 Mbps

1.94 km



Height
20 m

-56 dBm
8X

EL TROPEZON-VIA MARGINAL

Name
ZON-VIA MARGINAL

Location
5.721758, -72.012725

Product
PowerBeam 5AC 500

Power
Auto

Height
14 m

Tilt
0.01°

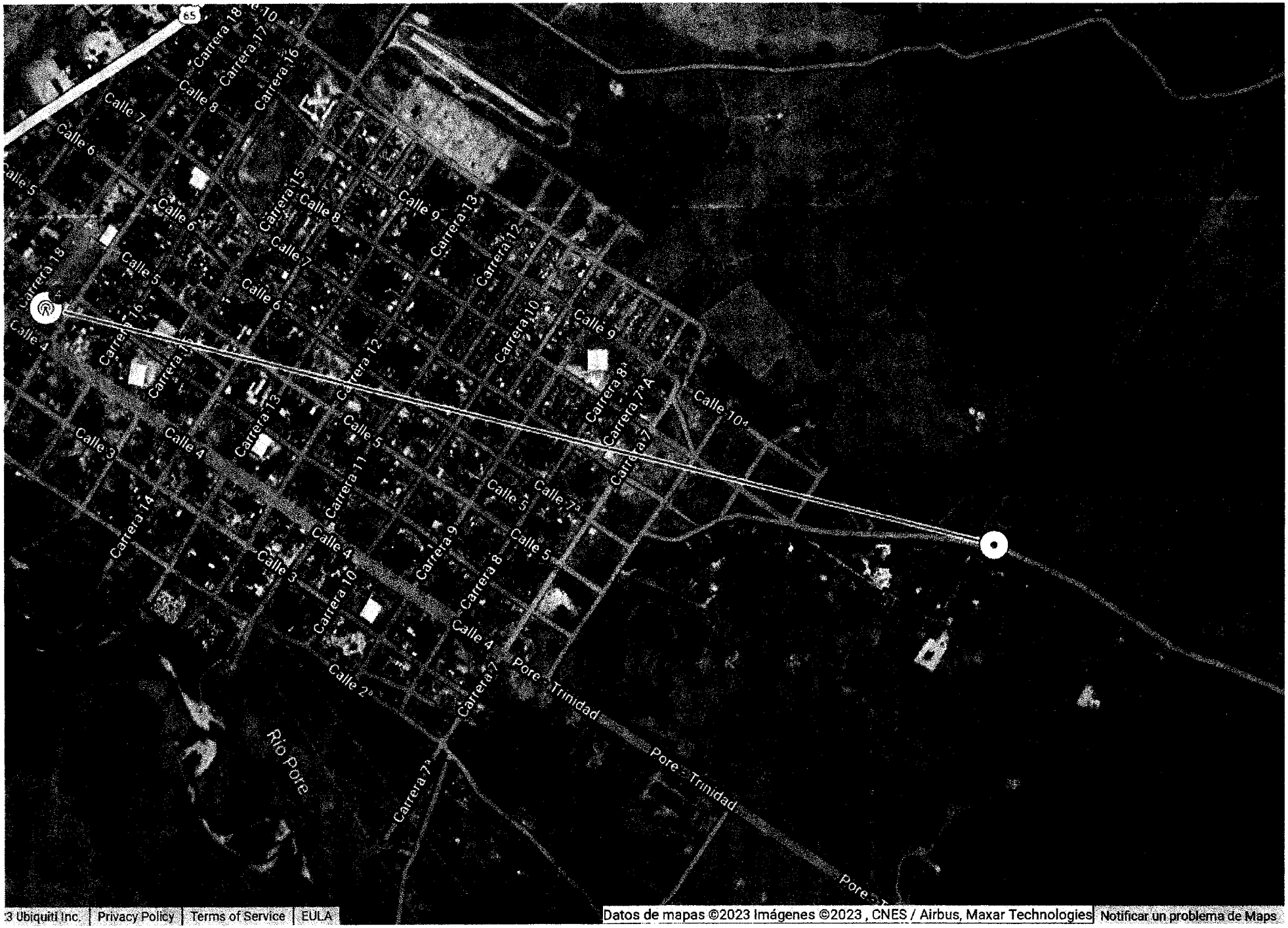
N
Azimuth
67°E

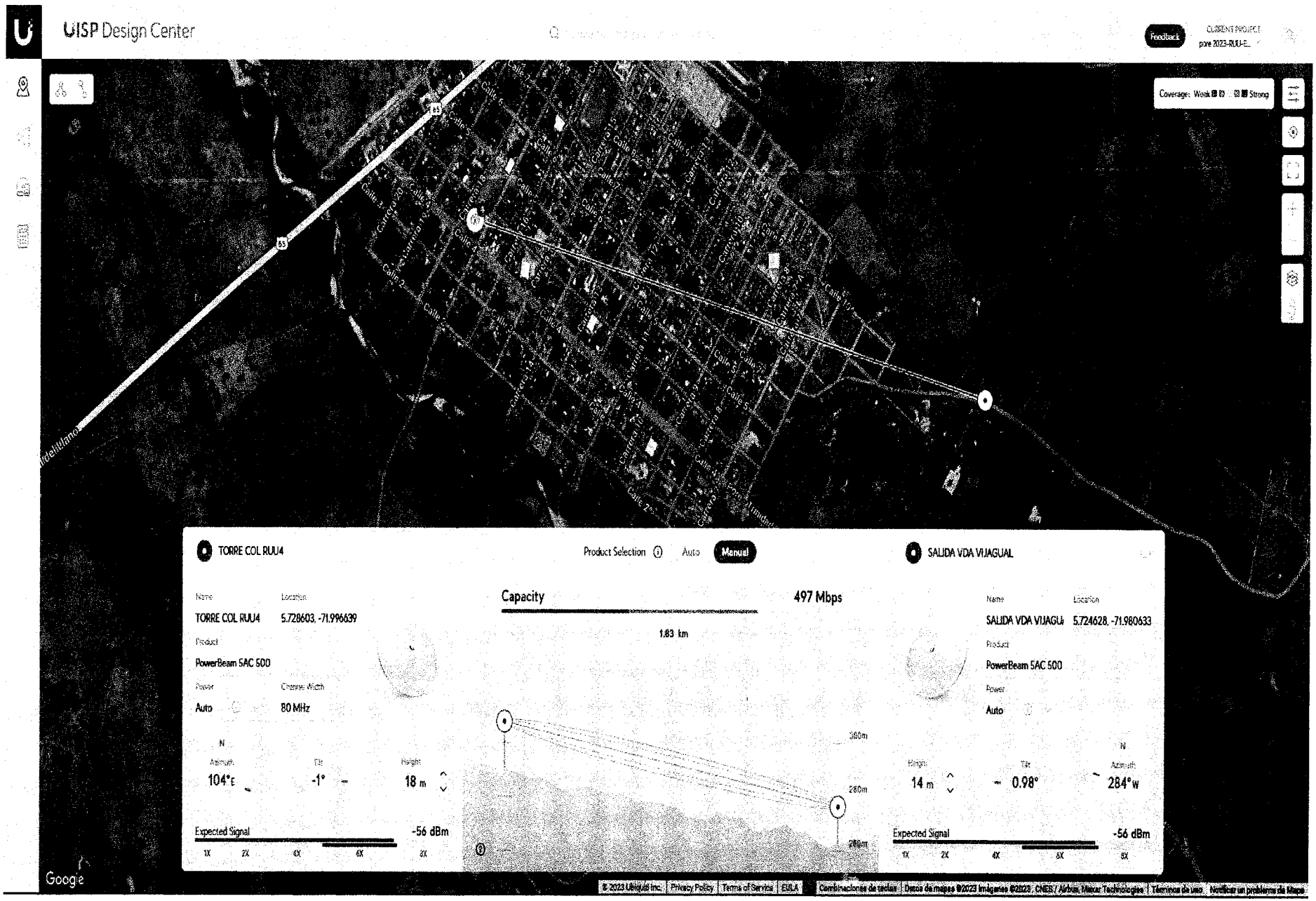
Expected Signal
1X 2X 4X 8X

-56 dBm
8X

	Site	Station
Name	TORRE COL RUU3	EL TROPEZON-VIA MARGINAL
Position	5.728603,-71.996639	5.721758,-72.012725
Device	PowerBeam 5AC 500	PowerBeam 5AC 500
Frequency	5600 MHz	
Device Height	20 m	14 m
Output Power	3 dBm	3 dBm
EIRP	30 dBm	30 dBm
Channel Width	80 MHz	
Antenna	Name: PBE-5AC-500 Gain: 27dBi Angle: 10°	Name: PBE-5AC-500 Gain: 27dBi
Heading	Heading: 246.85° Magnetic declination: -9.62° Magnetic heading: 256.46°	Heading: 66.84° Magnetic declination: -9.61° Magnetic heading: 76.45°
Tilt to connected radio	-0.03°	0.01°
Radius		
Ref. station height		




65
Carrera 18
Carrera 17
Carrera 16
Calle 7
Calle 8
Calle 6
Calle 5
Carrera 15
Calle 9
Carrera 13
Carrera 12
Carrera 10
Calle 4
Carrera 11
Calle 10ª
Carrera 8ª
Carrera 7ª A
Carrera 7ª
Calle 3
Carrera 14
Calle 7ª
Carrera 9
Carrera 8
Calle 2ª
Pore - Trinidad
Río Pore
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Feedback
CURRENT PROJECT
pore 2023-RUU-E...
Coverage: Weak Strong
TORRE COL RUU4
Product Selection
Auto
Manual
SALIDA VDA VIJAGUAL
Name
Location
TORRE COL RUU4
5.728603, -71.996639
Product
PowerBeam 5AC 500
Power
Channel Width
Auto
80 MHz
N
Azimuth
104°E
Tilt
-1°
Height
18 m
Expected Signal
-56 dBm
1X
2X
4X
6X
8X
Capacity
497 Mbps
1.83 km
380m
280m
280m
Name
Location
SALIDA VDA VIJAGUA
5.724628, -71.980633
Product
PowerBeam 5AC 500
Power
Auto
N
Height
14 m
Tilt
0.98°
Azimuth
284°W
Expected Signal
-56 dBm
1X
2X
4X
6X
8X
Google
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	Site	Station
Name	TORRE COL RUU4	SALIDA VDA VIJAGUAL
Position	5.728603,-71.996639	5.724628,-71.980633
Device	PowerBeam 5AC 500	PowerBeam 5AC 500
Frequency	5600 MHz	
Device Height	18 m	14 m
Output Power	3 dBm	3 dBm
EIRP	30 dBm	30 dBm
Channel Width	80 MHz	
Antenna	Name: PBE-5AC-500 Gain: 27dBi Angle: 10°	Name: PBE-5AC-500 Gain: 27dBi
Heading	Heading: 104.01° Magnetic declination: -9.62° Magnetic heading: 113.63°	Heading: 284.01° Magnetic declination: -9.63° Magnetic heading: 293.64°
Tilt to connected radio	-1°	0.98°
Radius	5 km	
Ref. station height	12 m	

