

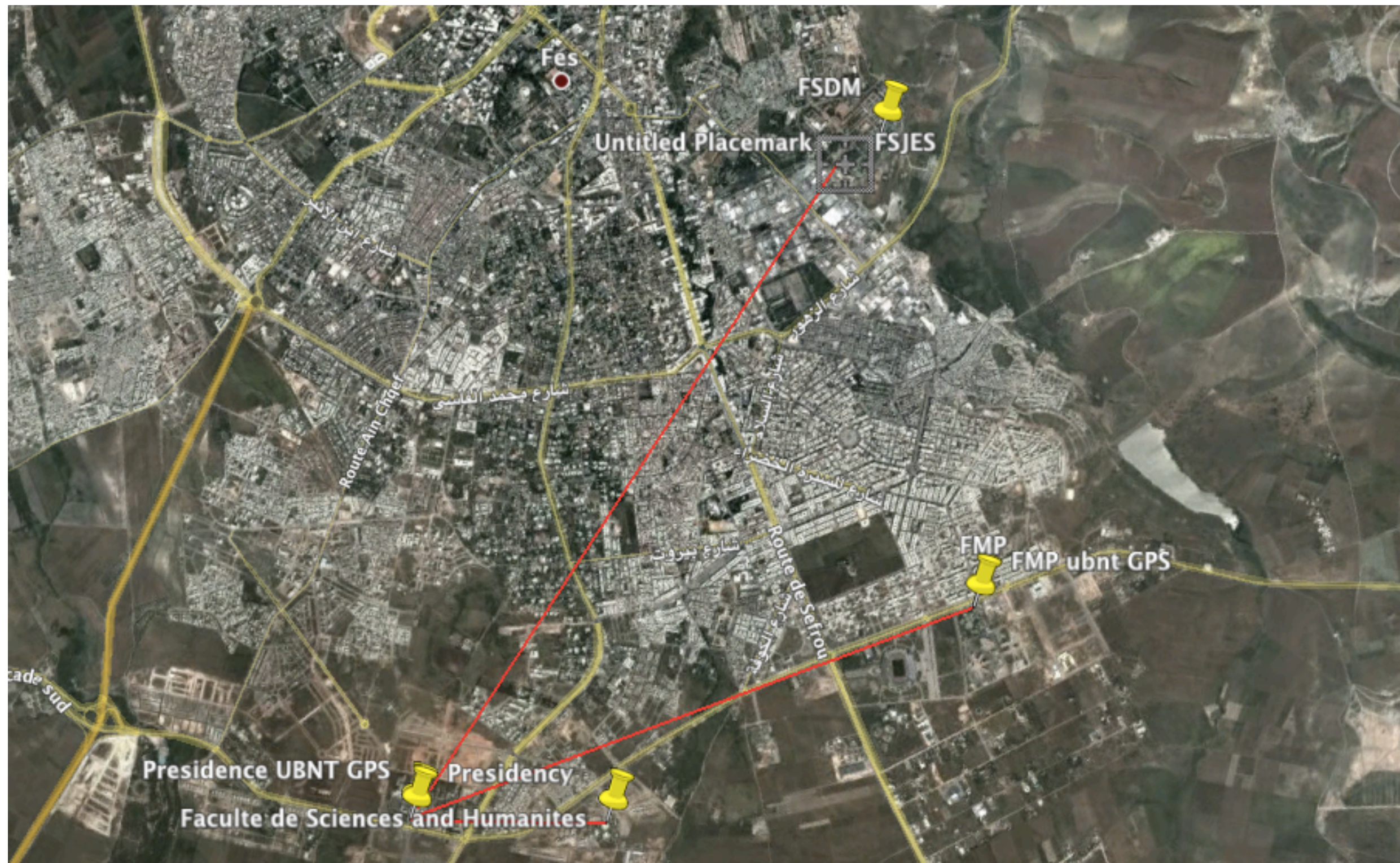
Direct Engineering Assistance Campus network infrastructure enhancement Sidi Mohamed Ben Abdellah University Fez, Morocco



High-speed
point-to-point links at
Sidi Mohamed Ben Abdellah
University
Fez, Morocco



High-speed Wireless links at UMSBA





MAIN

WIRELESS

NETWORK

ADVANCED

SERVICES

SYSTEM

Tools:



Logout

Status

Device Name: UBNT	AP MAC: 00:27:22:90:49:03
Network Mode: Bridge	Connections: 1
Wireless Mode: Access Point WDS	Noise Floor: -89 dBm
SSID: presidency_to_FLS	Transmit CCQ: 100 %
Security: none	AirMax: Disabled
Version: v5.4.5.	
Uptime: 00:19:44	GPS Signal Quality:  100 %
Date: 2011-12-19 20:59:40	Latitude / Longitude: 33.989151 / -5.00113
Channel/Frequency: 153 / 5765 MHz	Altitude: 548 m
Channel Width: 20 MHz	
ACK/Distance: 51 / 2.4 miles (3.9 km)	
TX/RX Chains: 2X2	
WLAN MAC: 00:27:22:90:49:03	
LAN MAC: 00:27:22:91:49:03	
LAN1/LAN2: 100Mbps-Full / Unplugged	

Monitor

[Throughput](#) | [Stations](#) | [ARP Table](#) | [Bridge Table](#) | [Routes](#) | [GPS Details](#) | [Log](#)

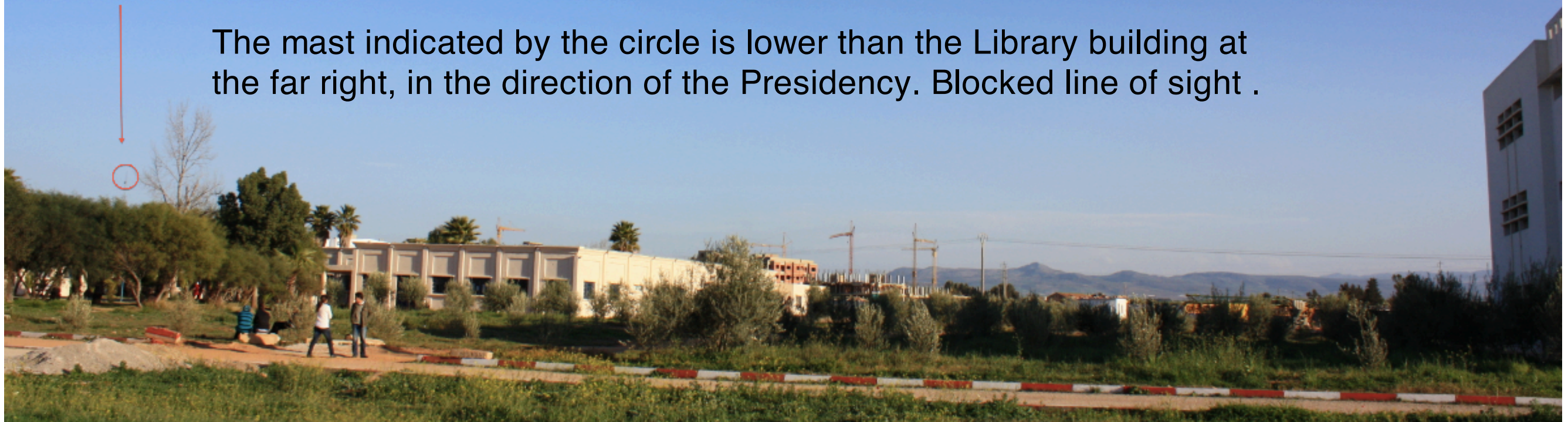
Station MAC	Device Name	Signal / Noise, dBm	ACK	TX/RX, Mbps	CCQ, %	Connection Time	Last IP	Action
00:27:22:90:4A:1E	UBNT	-58 / -89	51	130 / 130	100	00:18:59	172.30.50.3	kick

The
shortest
link proved
to be
unfeasible



Presidency- Faculte Lettres and des Sciences Humanes

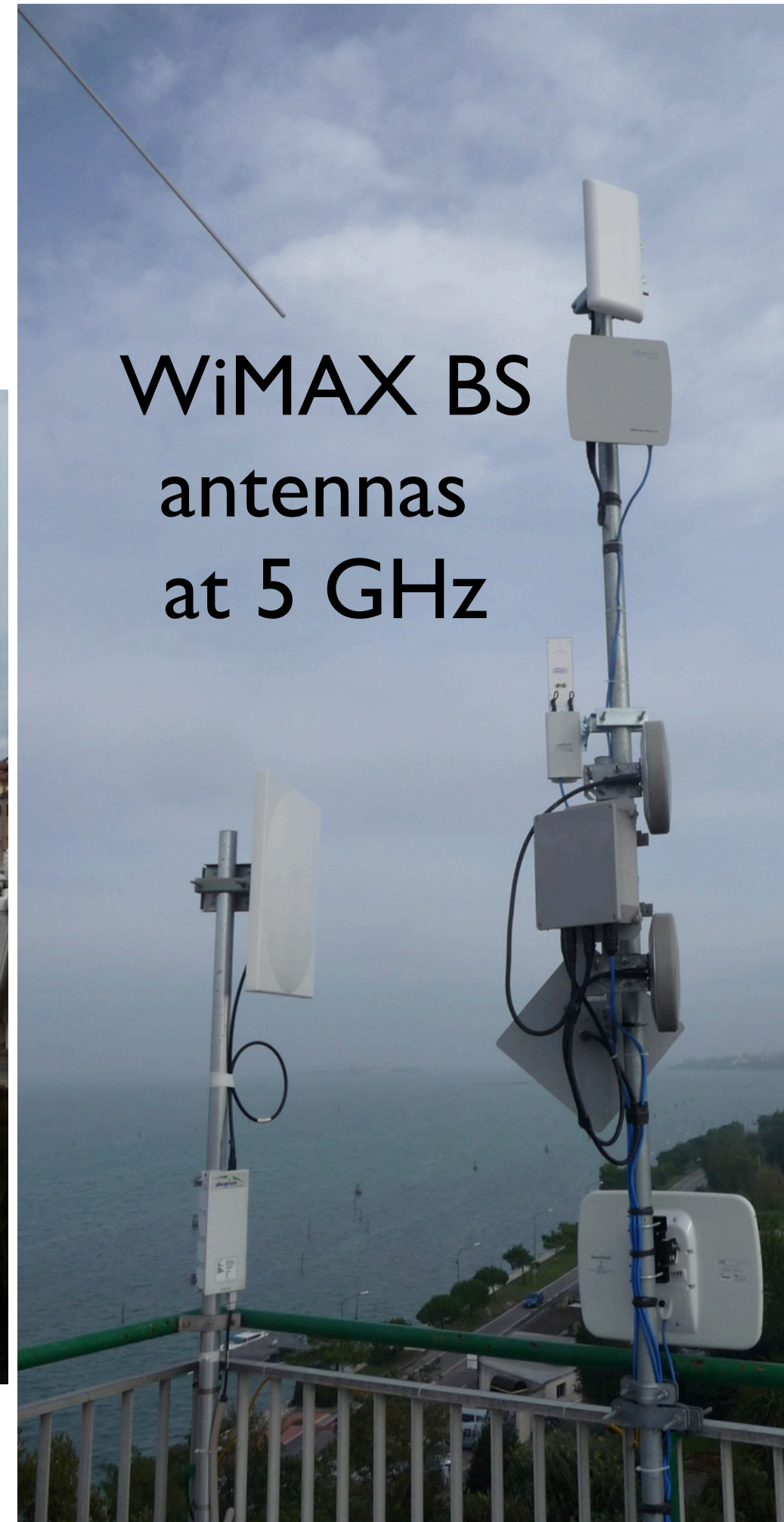
The mast indicated by the circle is lower than the Library building at the far right, in the direction of the Presidency. Blocked line of sight .



Venice Wireless Environmental Data collection network

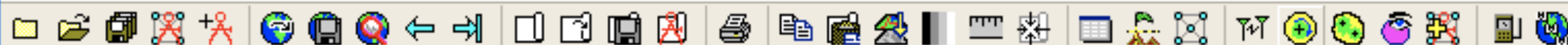


WiMAX BS
antennas
at 5 GHz



..\\net1.net - Radio Mobile - [..\\net1.bmp]

File Edit View Tools Options Window Help Stop



Roof of CNR's Venice office 17 GHz antenna and radio

view from
the back

view from the side



17 GHz antenna and radio on the coast



Platform Close-up



CNR Platform as seen from 15 km

