



# NEXTT Research User Manual

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# Site Map

Deployment Procedure	OFH	WSEC	AH	AVTL	FIC	NEMA	Hub	HCC
Site Planning & Selection	100	100	100	100	100	50	100	100
Site Investigation	100	100	100	100	100	0	100	100
Deployment Solution	100	100	100	100	100	0	100	100
Enclosure Design	100	100	100	100	100	0	-	-
Major Equipments	100	100	100	100	100	0	100	30
Materials & Supplies	100	100	100	90	100	0	100	20
Cable Conduit	100	100	100	97	100		-	-
Fiber and power Installation	100	100	100	50	100		90	-
Fiber 0	100	100	100	100	100		100	20
Fiber 1	100	100	100	100	100		100	--
Mgmt Port RJ45	100	100	100	100	100		10	--
Transceiver Installation	100	100	100	100	100		-	-
Antenna Installation	100	100	100	100	100		-	-
Connectivity Test	100	100	100	0	100		20	-
Site Test	100	100	100	0	100		10	-
Cyber Security	0	0	0	0	0		20	100
MISC	0	0	0	0	0		0	0

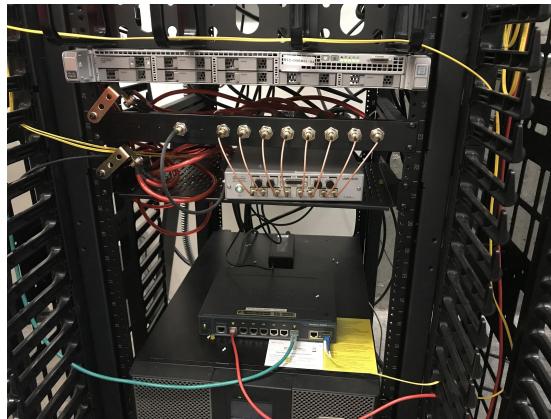


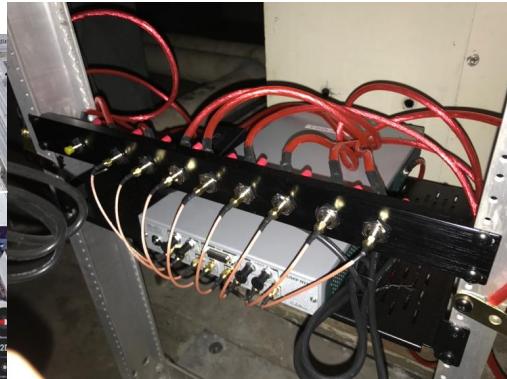


## OldFather Hall

The 4x4 antenna array is deployed on the south wall of the penthouse of the Old Father Hall.

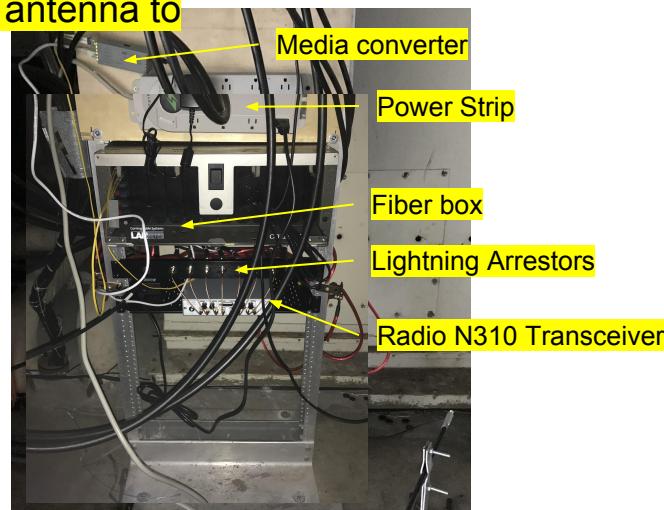
The SDR N310 is deployed inside the penthouse.





## Scott Engineering Center

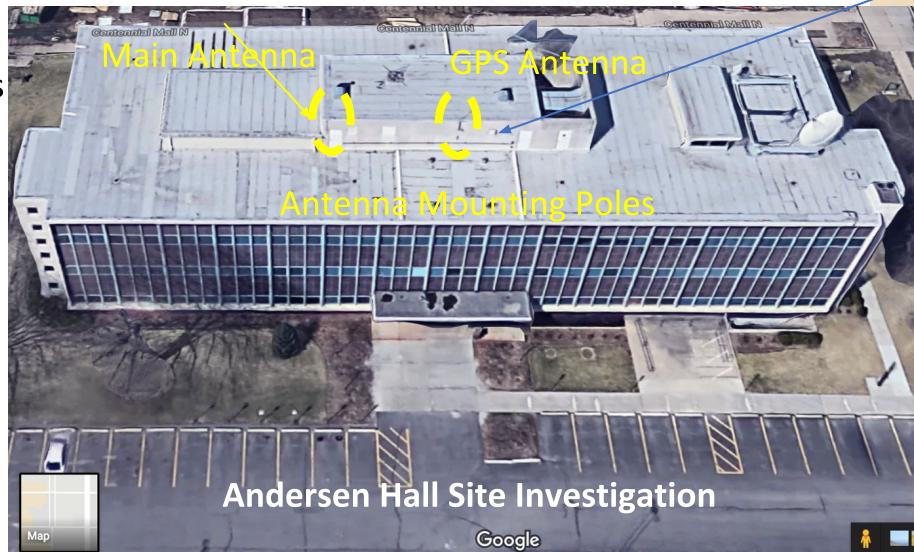
The 4x4 antenna array is deployed on the penthouse of the SEC, and the radio is inside the penthouse.

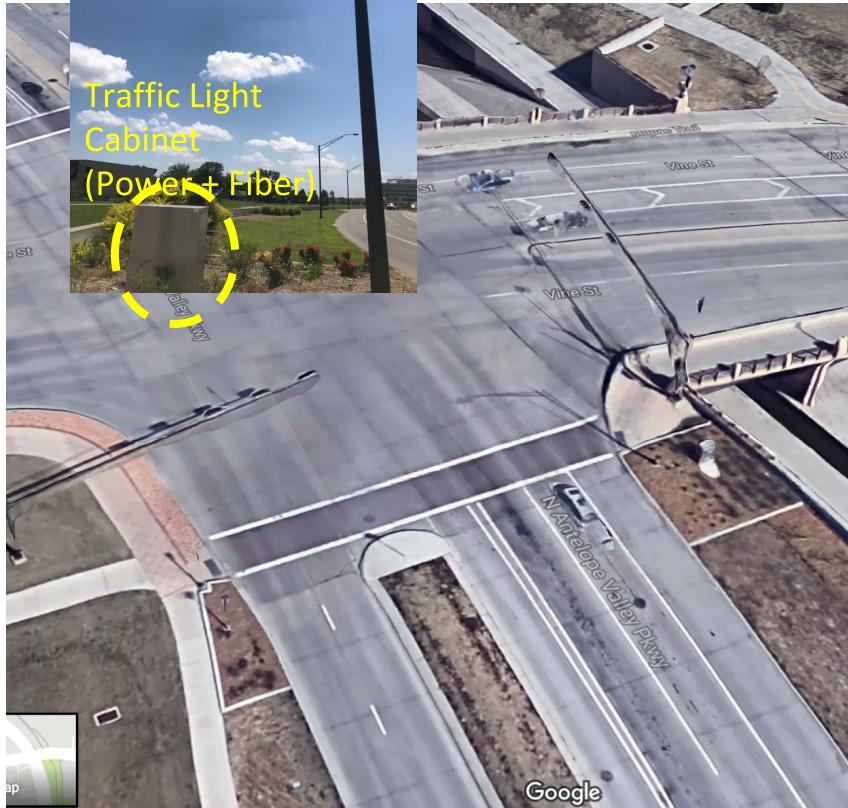




## Andersen Hall

1. The 4x4 antenna array is deployed on the south corner of Andersen Hall penthouse;
2. Line-of-Sight to Old Father Hall Site
3. Near Line-of-Sight (Street Canyon) channel to SEC site (17<sup>th</sup> street)





## Traffic Light

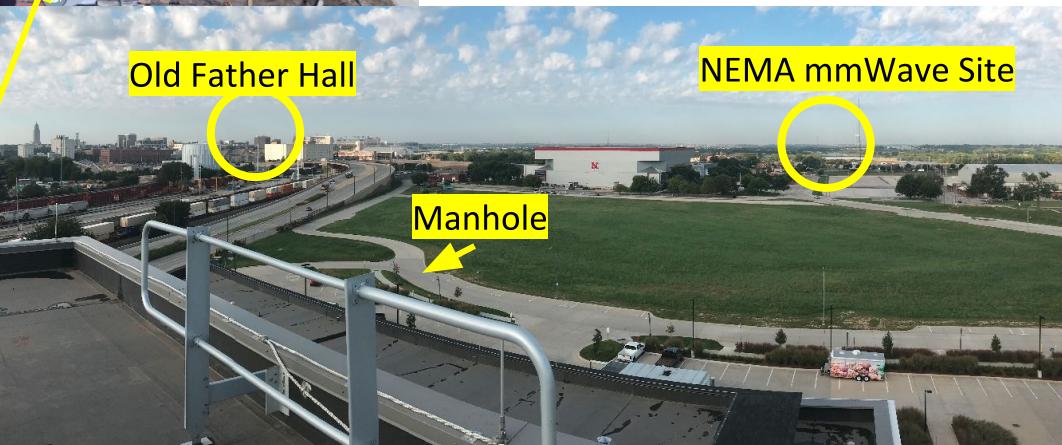
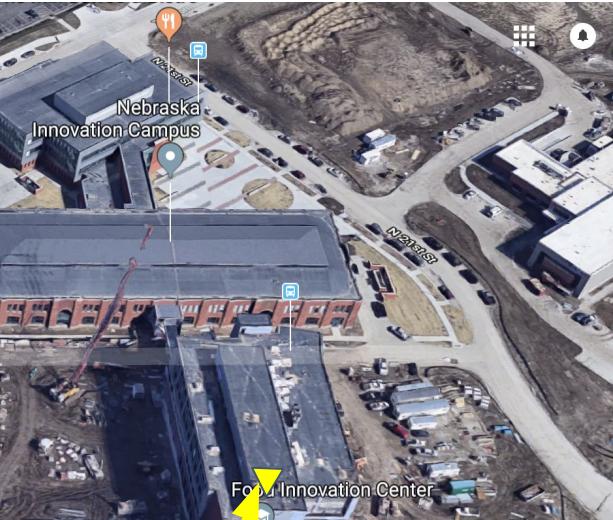
Antelope Valley Pkwy & Vine St.

1. Radio NEMA enclosures
  - a. Radio (Warren, Jerry)
  - b. Switch (David)
2. Antennas Mounting
  - a. UHF Antenna Array enclosure (Warren, Jerry)
  - b. GPS Antenna (Ready)
3. Radio Enclosure Interface:
  - a. 110V power,
  - b. fiber, 3 pairs
  - c. grounding

## NIC-Food Innovation Center

The 4x4 antenna array is deployed on the rooftop of the FIC penthouse.

It has line-of-sight channel to NEMA, and could see the Old Father Hall penthouse. Although the LOS from FIC antenna to the OFH antenna is blocked by the penthouse on OFH.





# FAQ

- What is the bandwidth limit from NEXTT SD-DU sites to Anvil VM?
  - 3Gbps