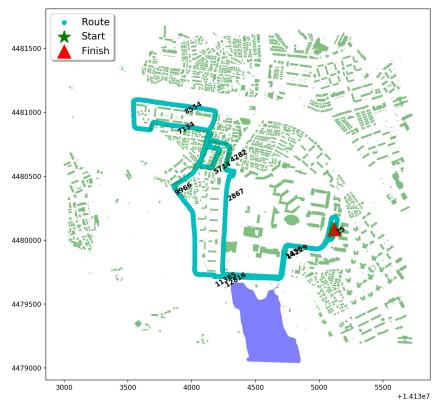


Experiment Date: 2018-12-27T20:08:16.000000000

Experiment Name: 20181227_TestB

Route



Experiment

- Experiment Conditions
 - frame size : 1280x720p
 - 30 fps
 - Ite connection
 - gop : 1
 - place : Downtown

- Experiment Results

Encoding Latency

camera num	min	max	avg	std
All	41.00	98.00	69.53	7.08
0	45.00	91.00	69.89	5.69
1	42.00	95.00	69.69	6.30
2	46.00	96.00	69.55	7.07
3	45.00	98.00	69.18	8.23
4	41.00	97.00	69.19	8.18
5	44.00	96.00	69.67	6.59

Network Latency

camera num	min	max	avg	std
All	98.00	2062.00	404.24	283.98
0	122.00	1995.00	404.98	279.11
1	134.00	2056.00	404.05	288.41
2	115.00	2021.00	415.17	296.10
3	98.00	2054.00	398.29	291.47
4	128.00	2062.00	399.20	271.79
5	128.00	2030.00	400.30	265.97

Total Latency

camera num	min	max	avg	std
All	158.00	2129.00	473.77	284.15
0	179.00	2071.00	474.88	279.31
1	195.00	2118.00	473.74	288.58
2	180.00	2089.00	484.72	296.05
3	158.00	2125.00	467.47	291.60
4	189.00	2129.00	468.39	272.16
5	180.00	2094.00	469.97	266.29

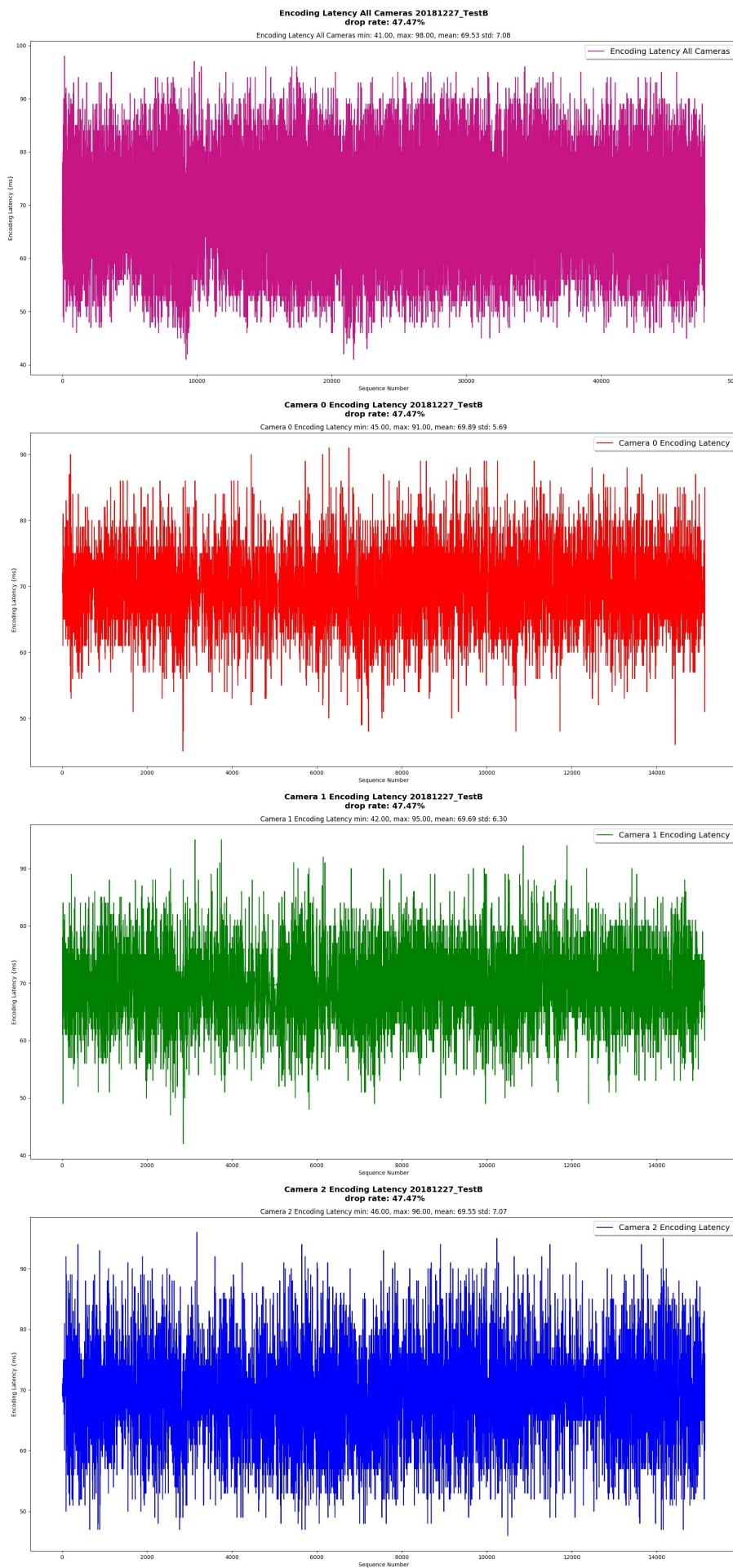
Offset GPS Streamer

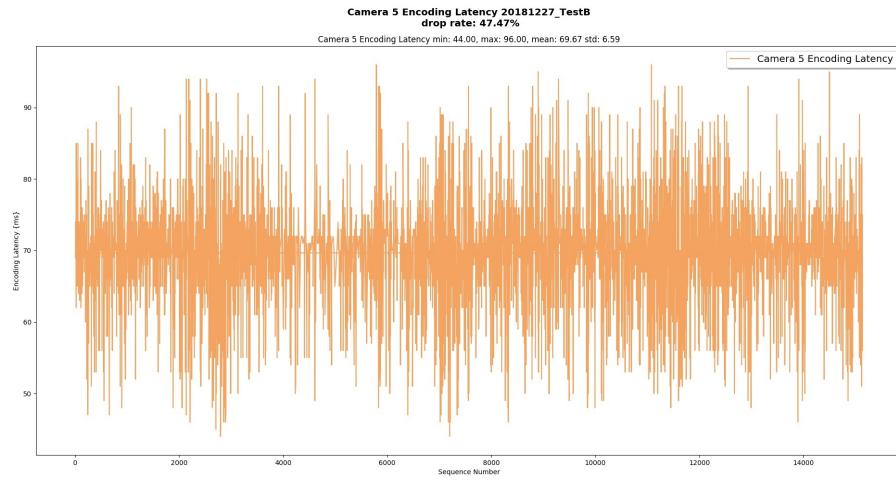
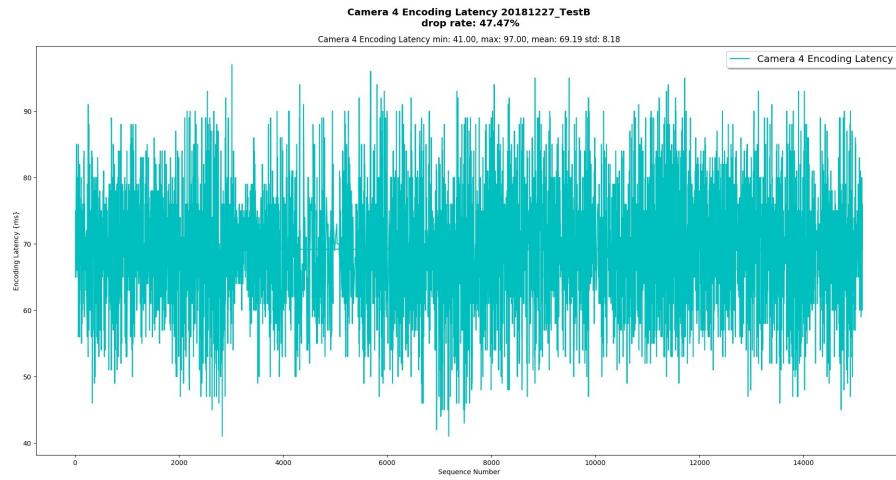
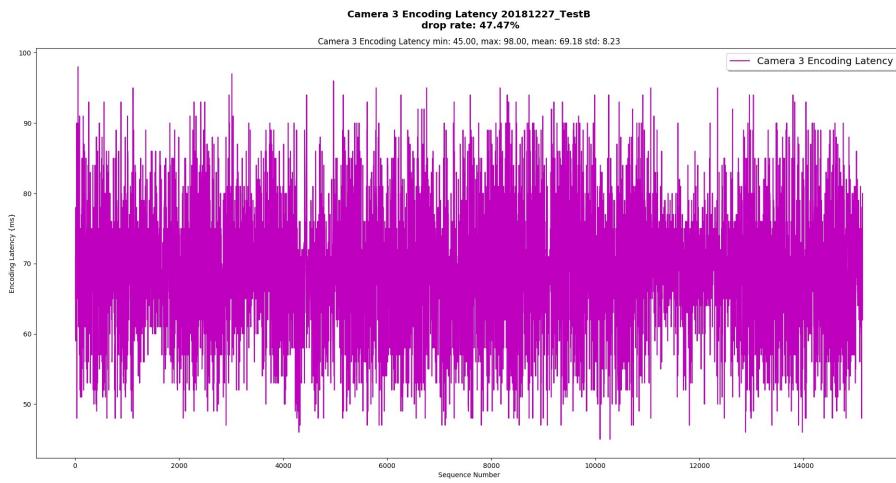
camera num	min	max	avg	std
All	-1081.00	-1056.00	-1068.93	7.05
0	-1081.00	-1056.00	-1069.05	7.02
1	-1081.00	-1056.00	-1068.72	7.00
2	-1081.00	-1056.00	-1068.64	7.00
3	-1081.00	-1056.00	-1068.85	7.13
4	-1081.00	-1056.00	-1069.19	7.04
5	-1081.00	-1056.00	-1069.32	7.10

Offset GPS Player

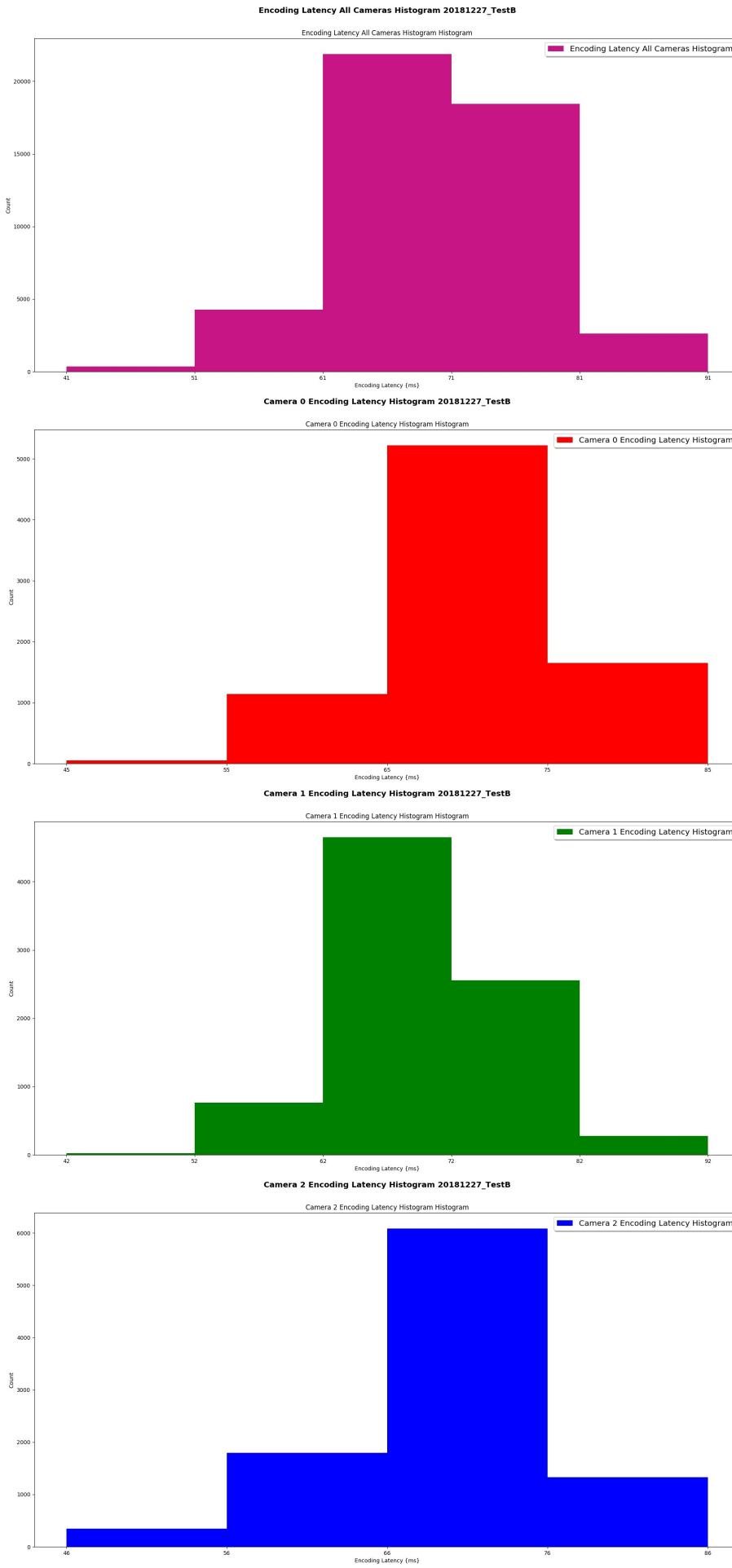
camera num	min	max	avg	std
All	-21.00	-4.00	-13.33	4.81
0	-21.00	-4.00	-13.27	4.78
1	-21.00	-4.00	-13.47	4.78
2	-21.00	-4.00	-13.58	4.83
3	-21.00	-4.00	-13.35	4.86
4	-21.00	-4.00	-13.15	4.78
5	-21.00	-4.00	-13.01	4.79

Encoding Latency

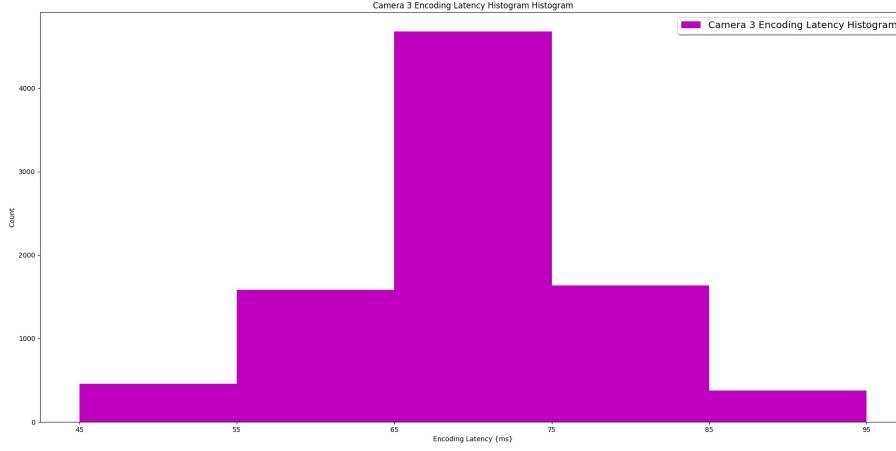




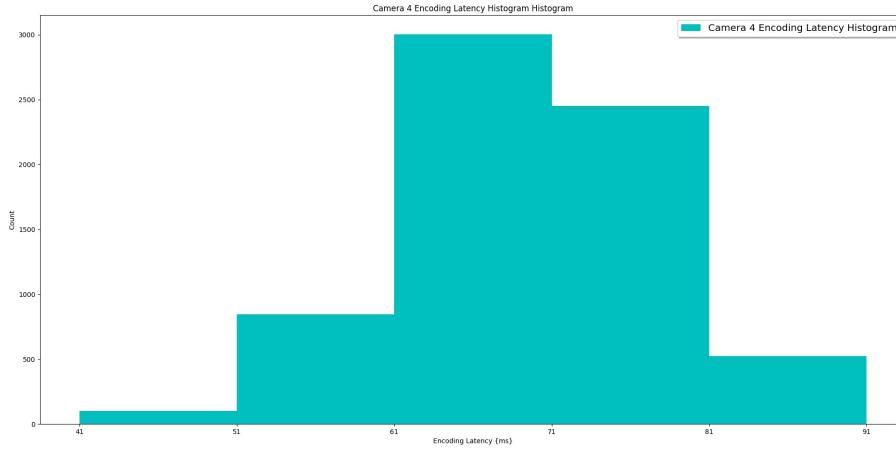
Encoding Latency Histograms



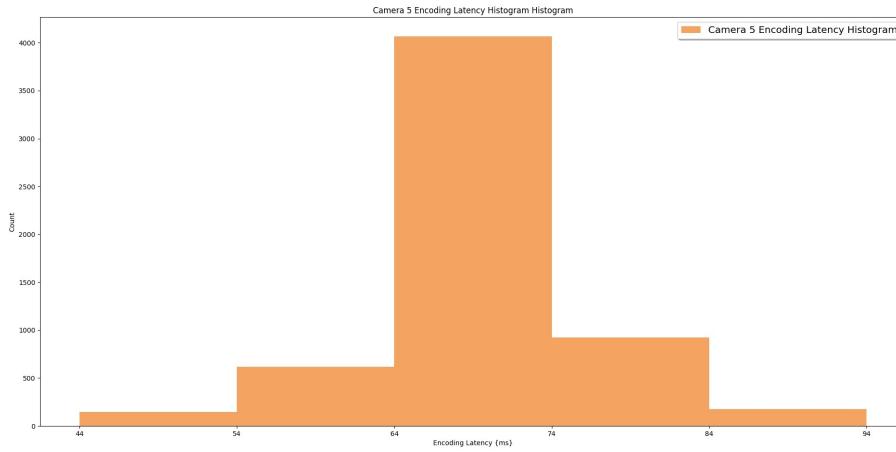
Camera 3 Encoding Latency Histogram 20181227_TestB



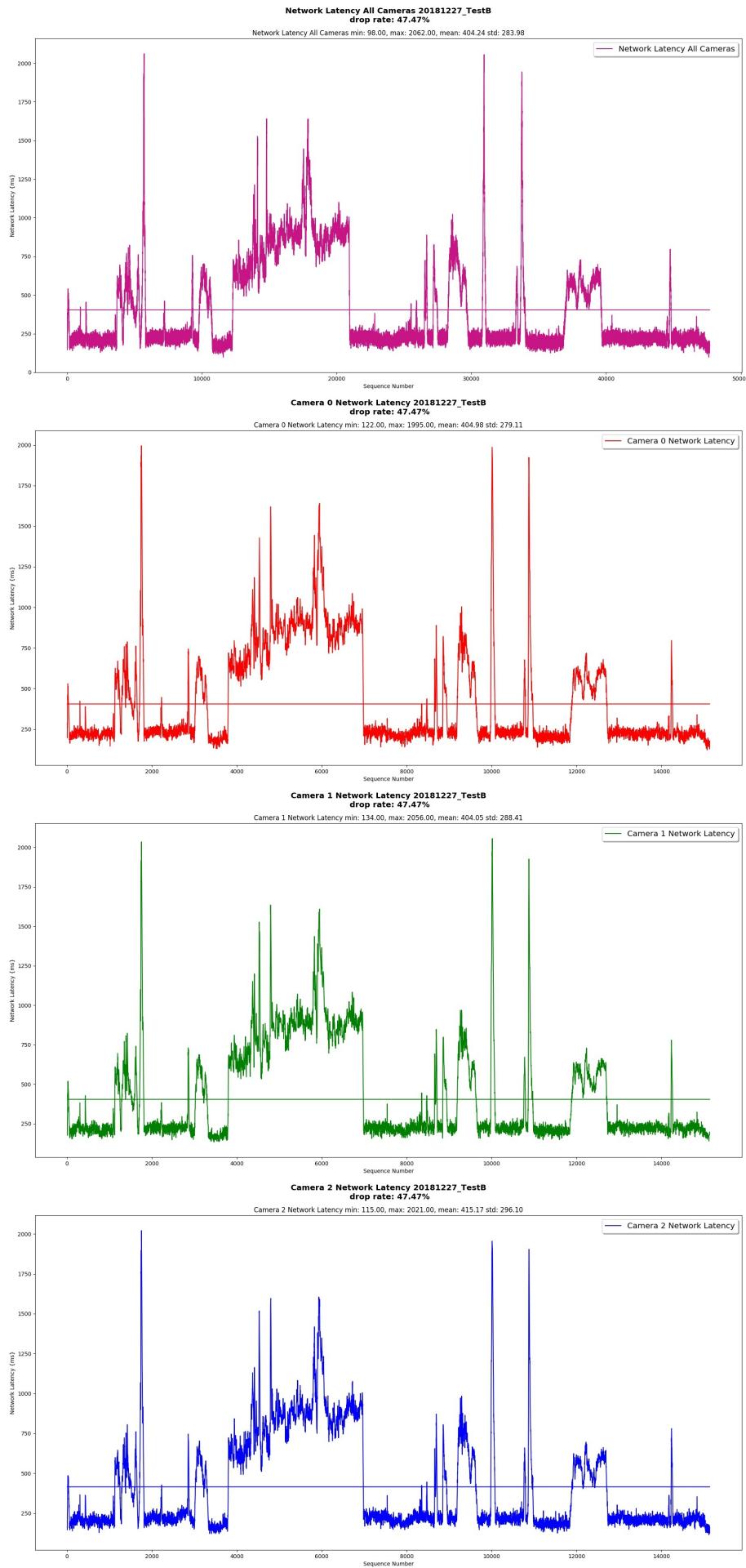
Camera 4 Encoding Latency Histogram 20181227_TestB

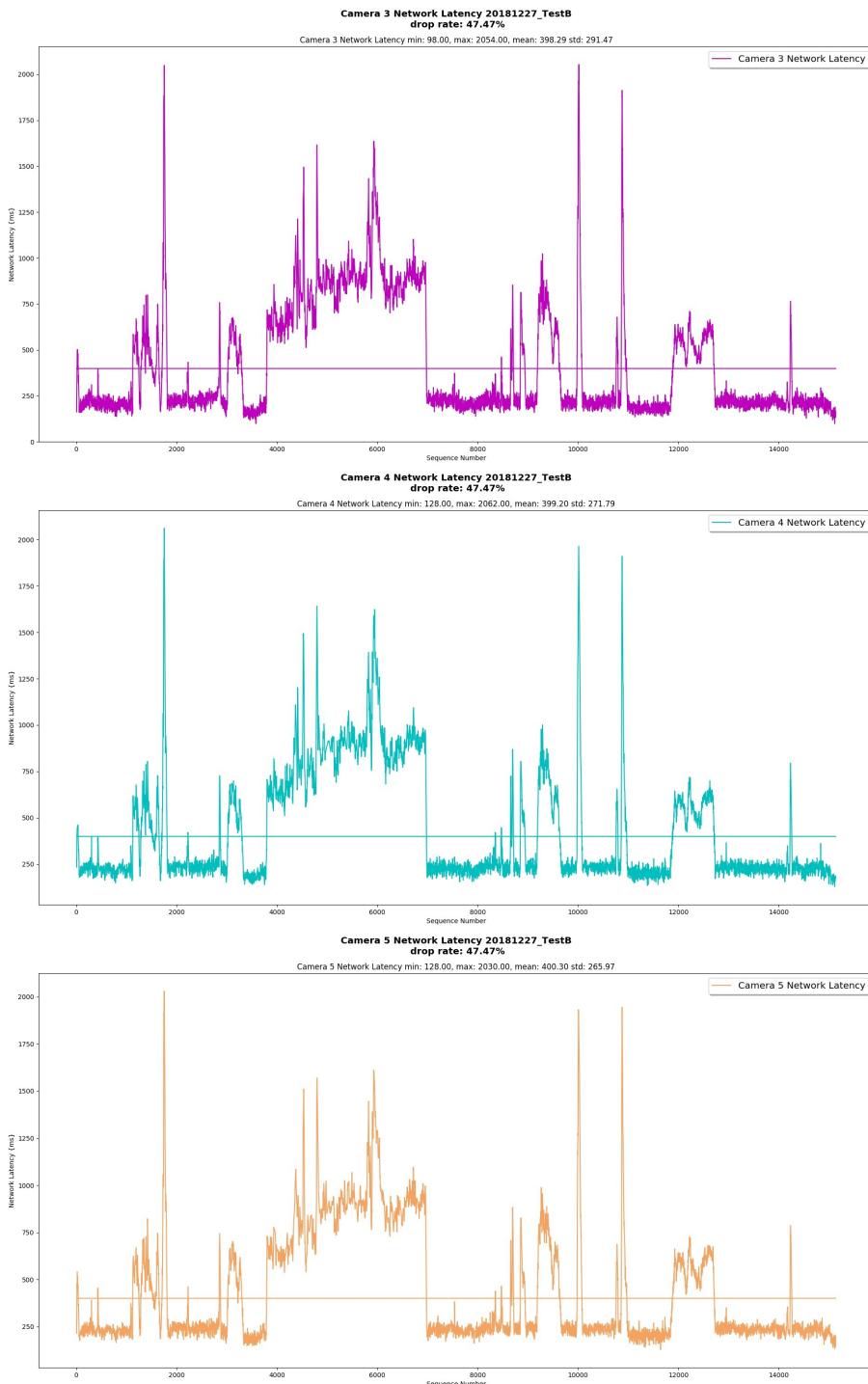


Camera 5 Encoding Latency Histogram 20181227_TestB

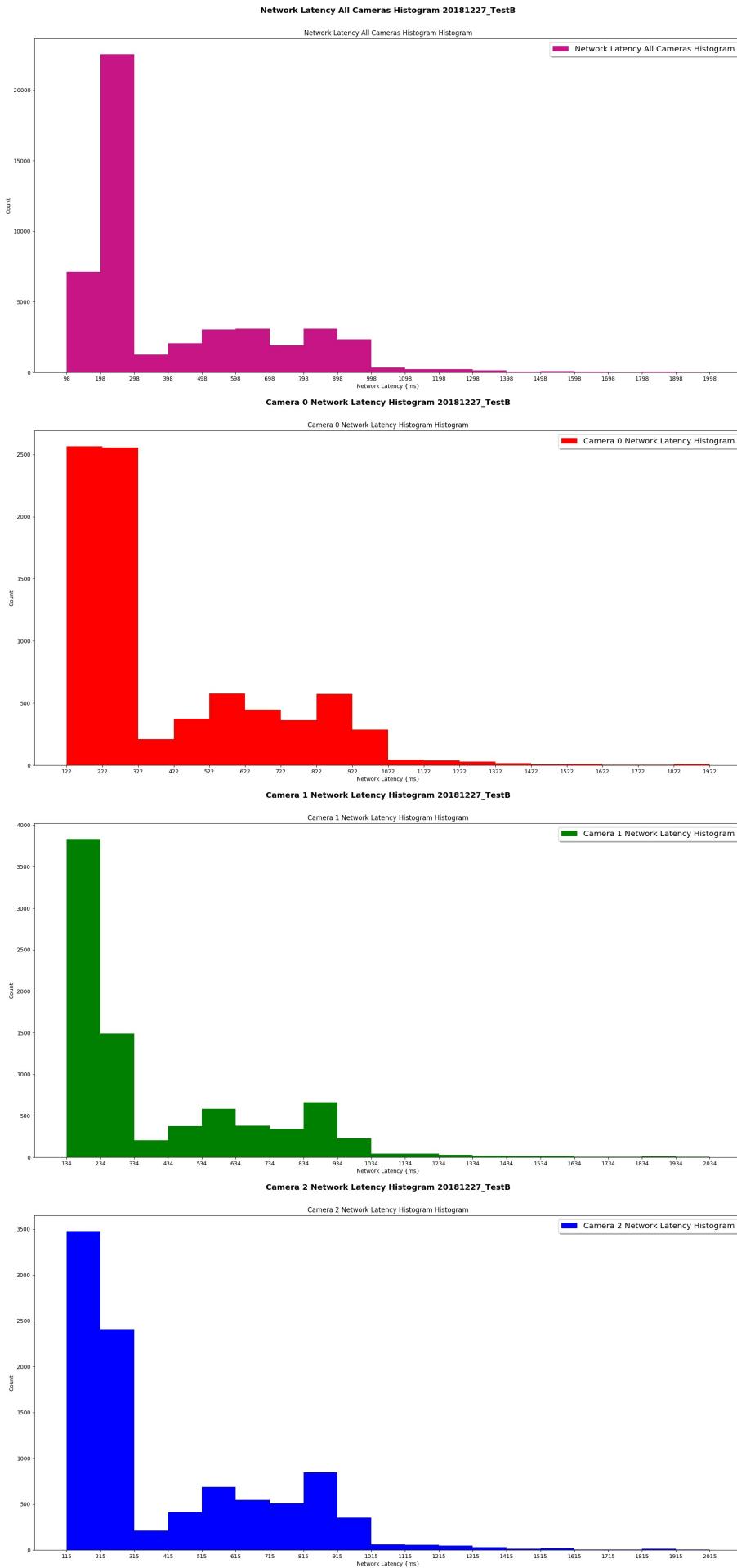


Network Latency

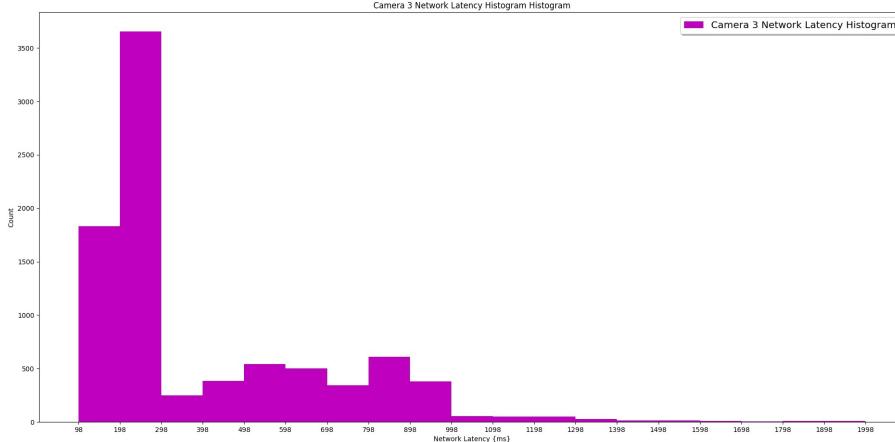




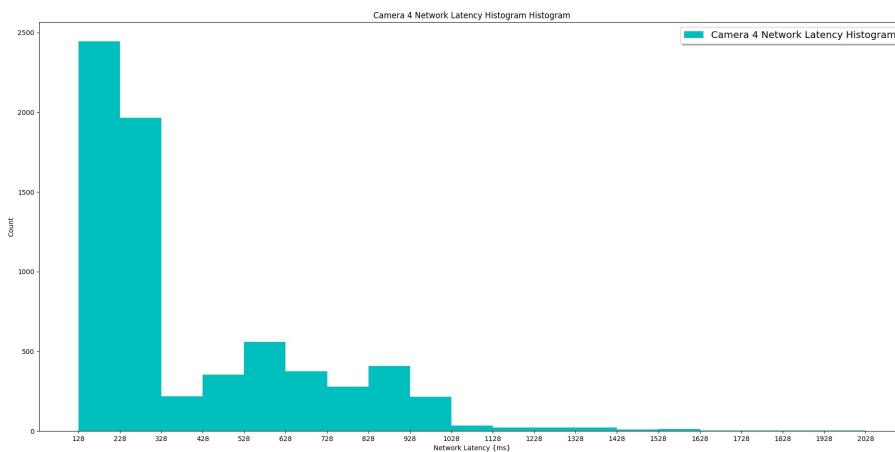
Network Latency Histogram



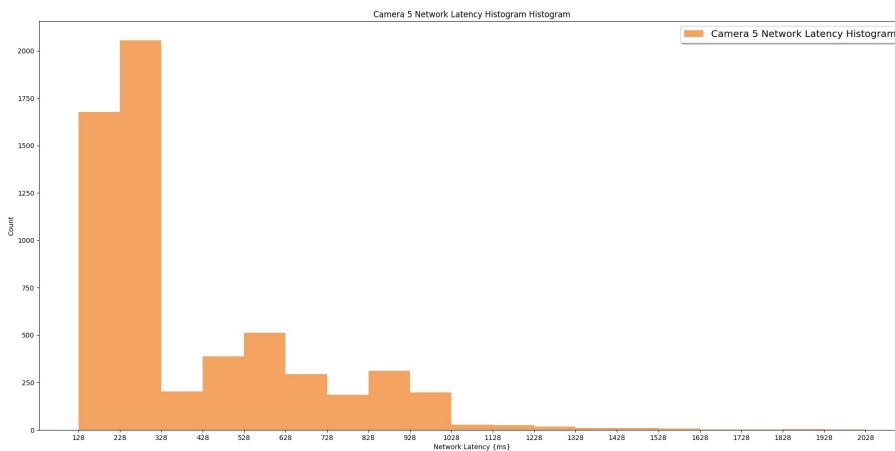
Camera 3 Network Latency Histogram 20181227_TestB



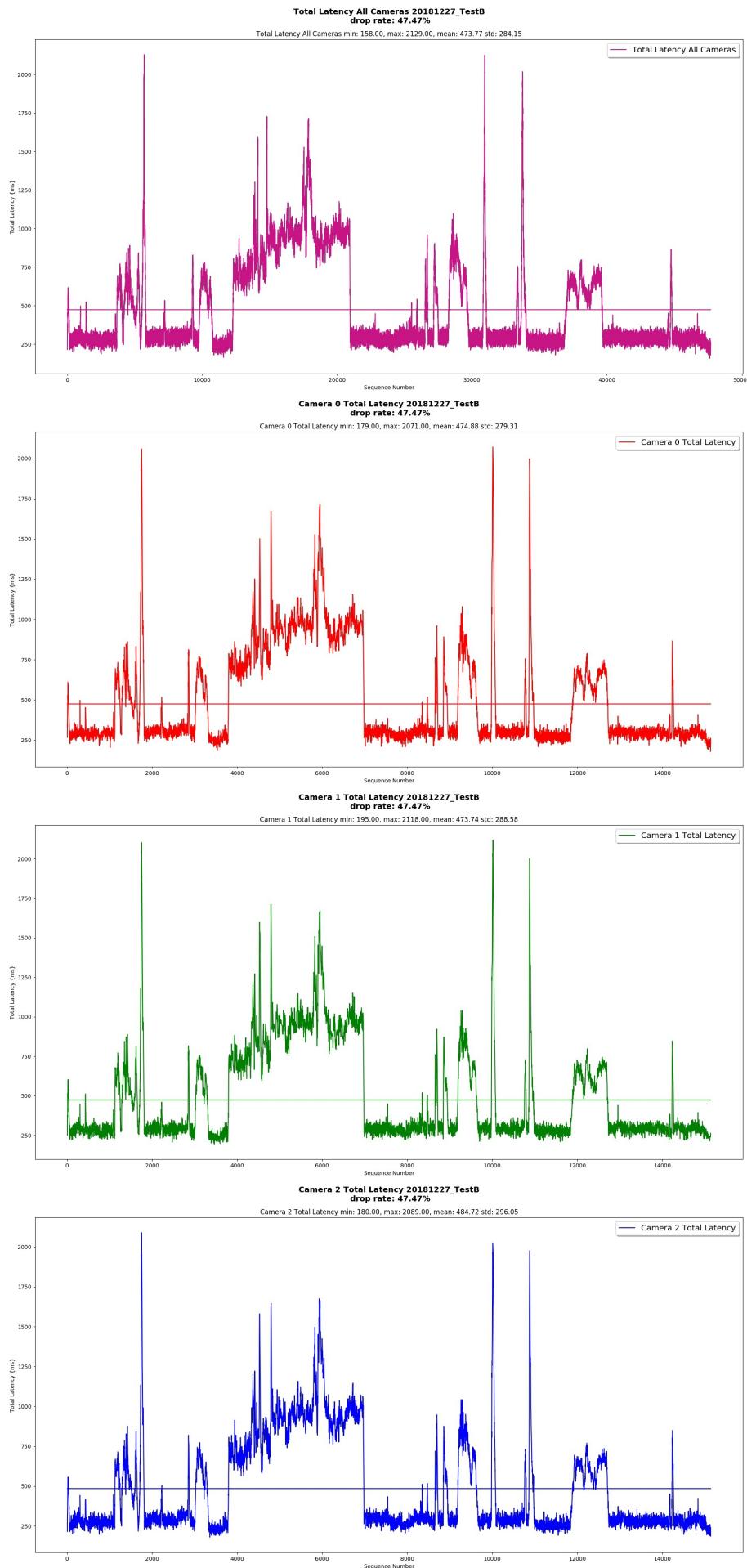
Camera 4 Network Latency Histogram 20181227_TestB

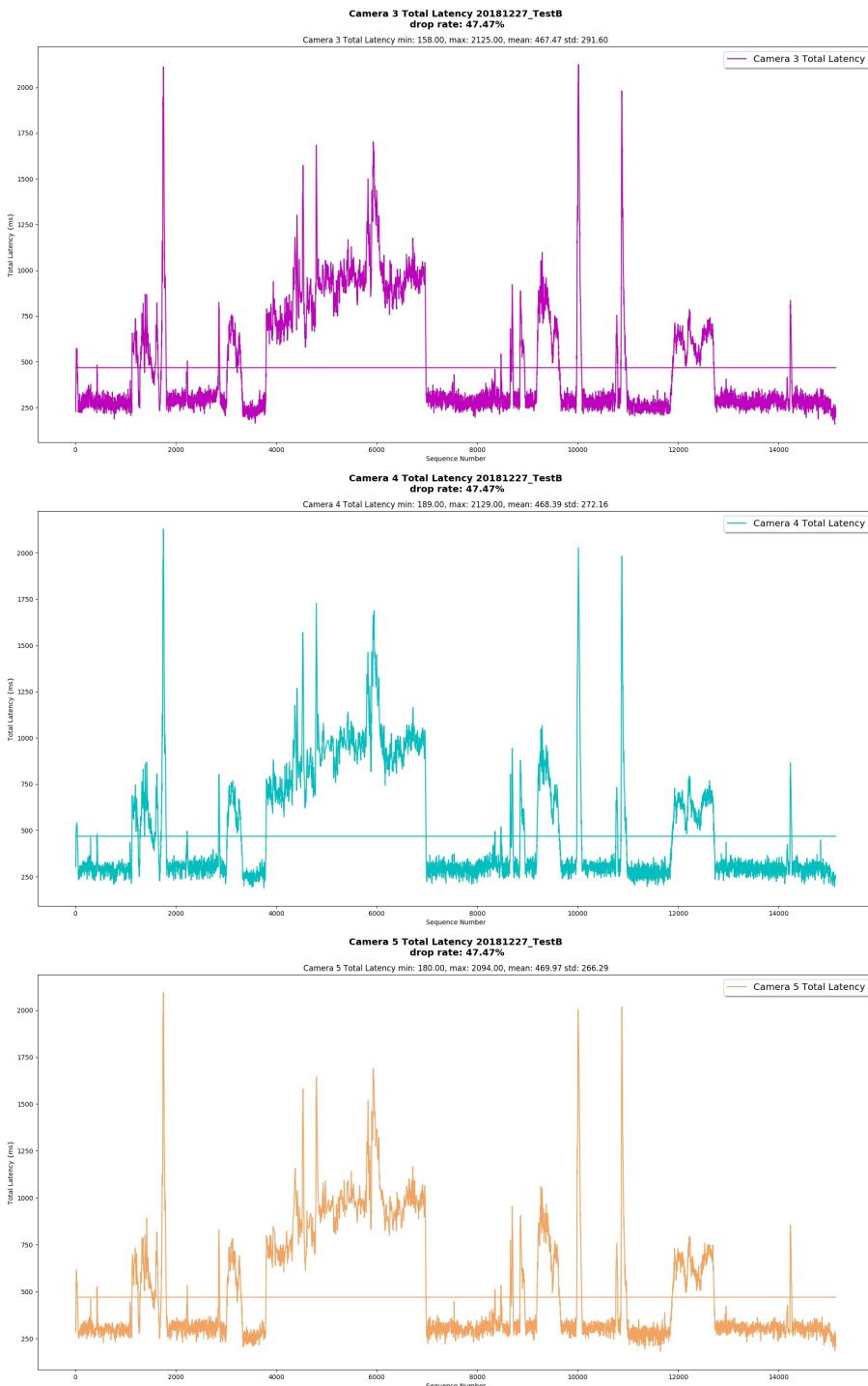


Camera 5 Network Latency Histogram 20181227_TestB

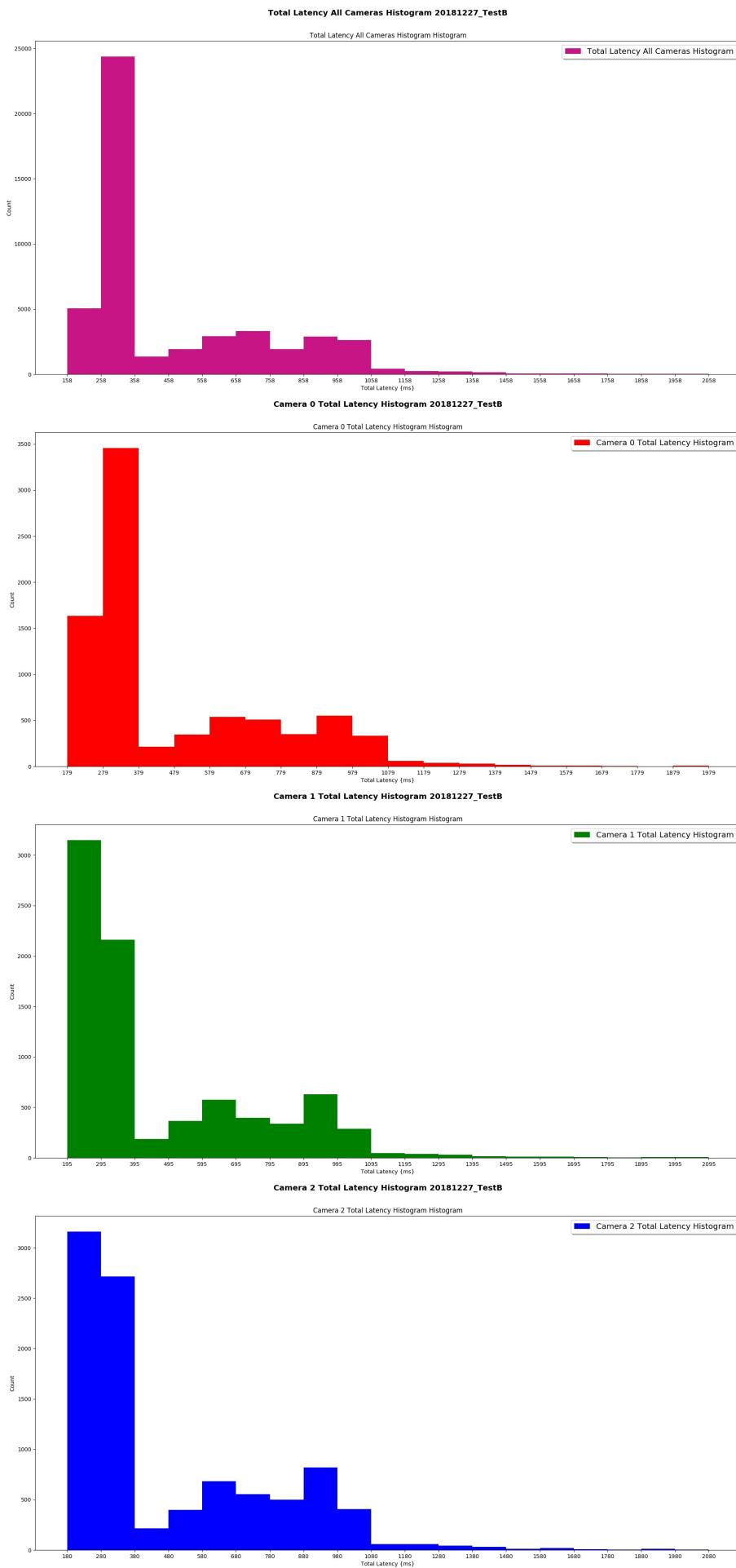


Total Latency

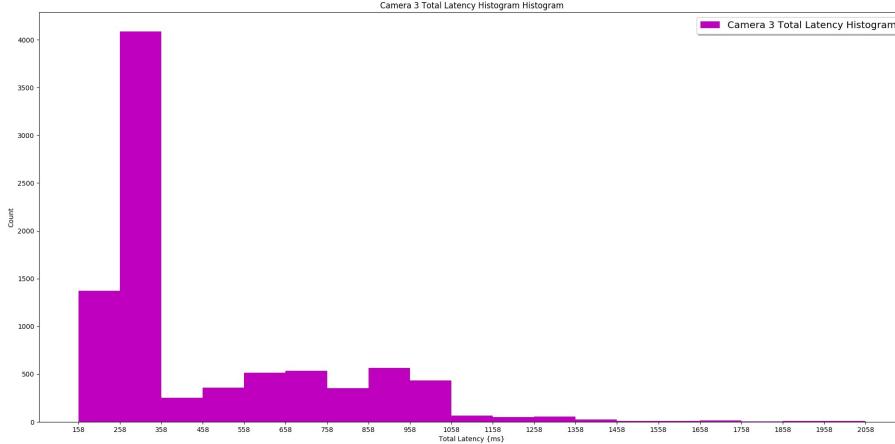




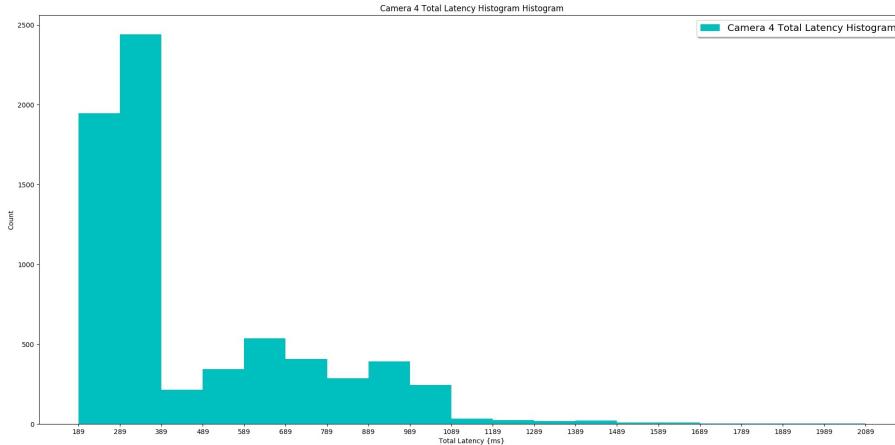
Total Latency Histogram



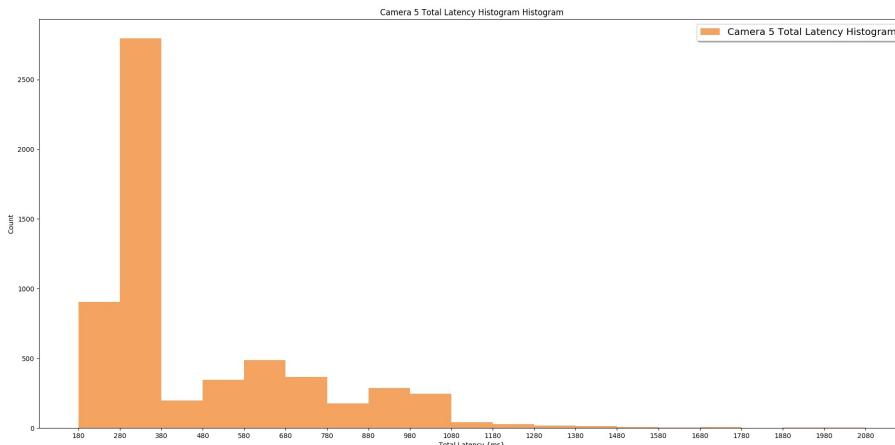
Camera 3 Total Latency Histogram 20181227_TestB



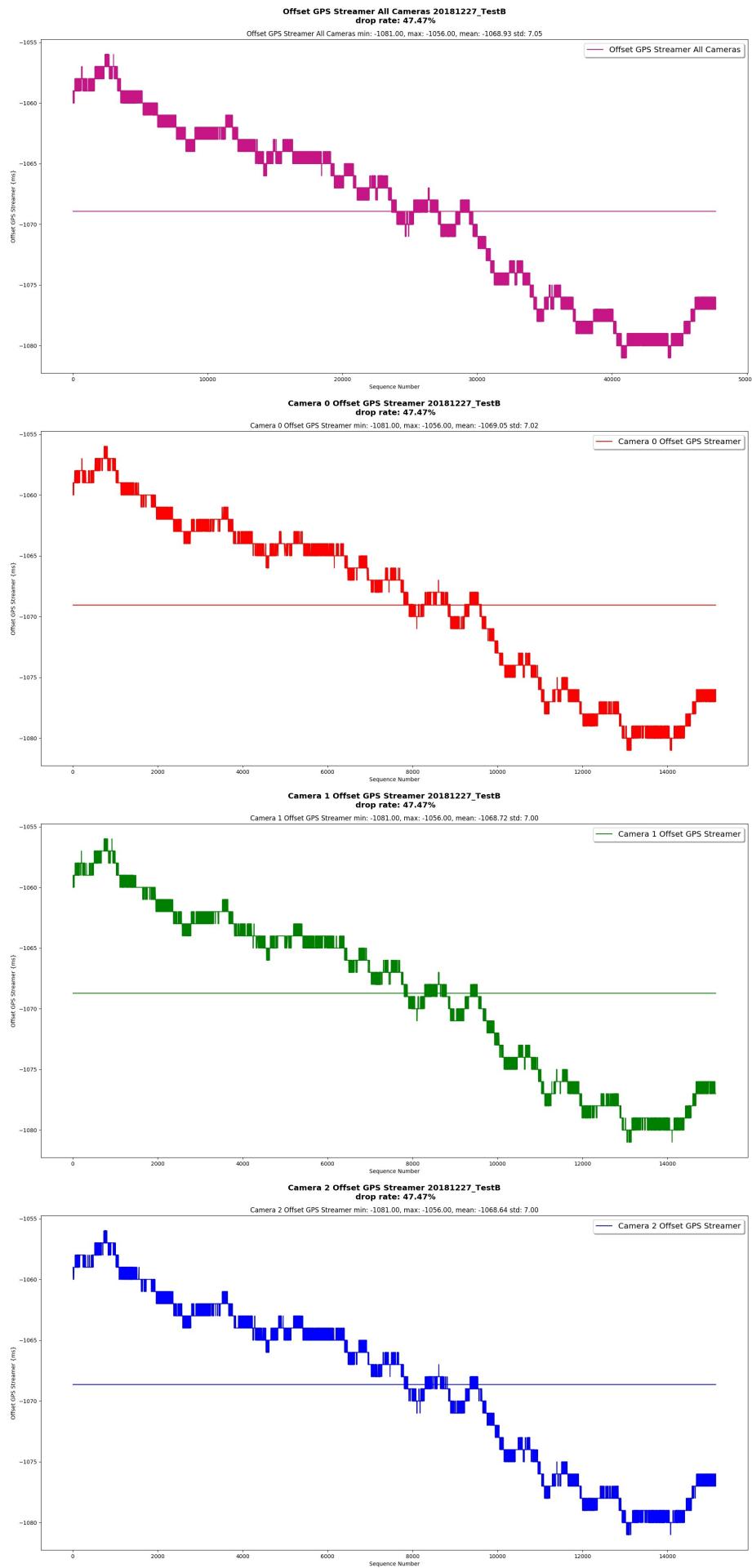
Camera 4 Total Latency Histogram 20181227_TestB

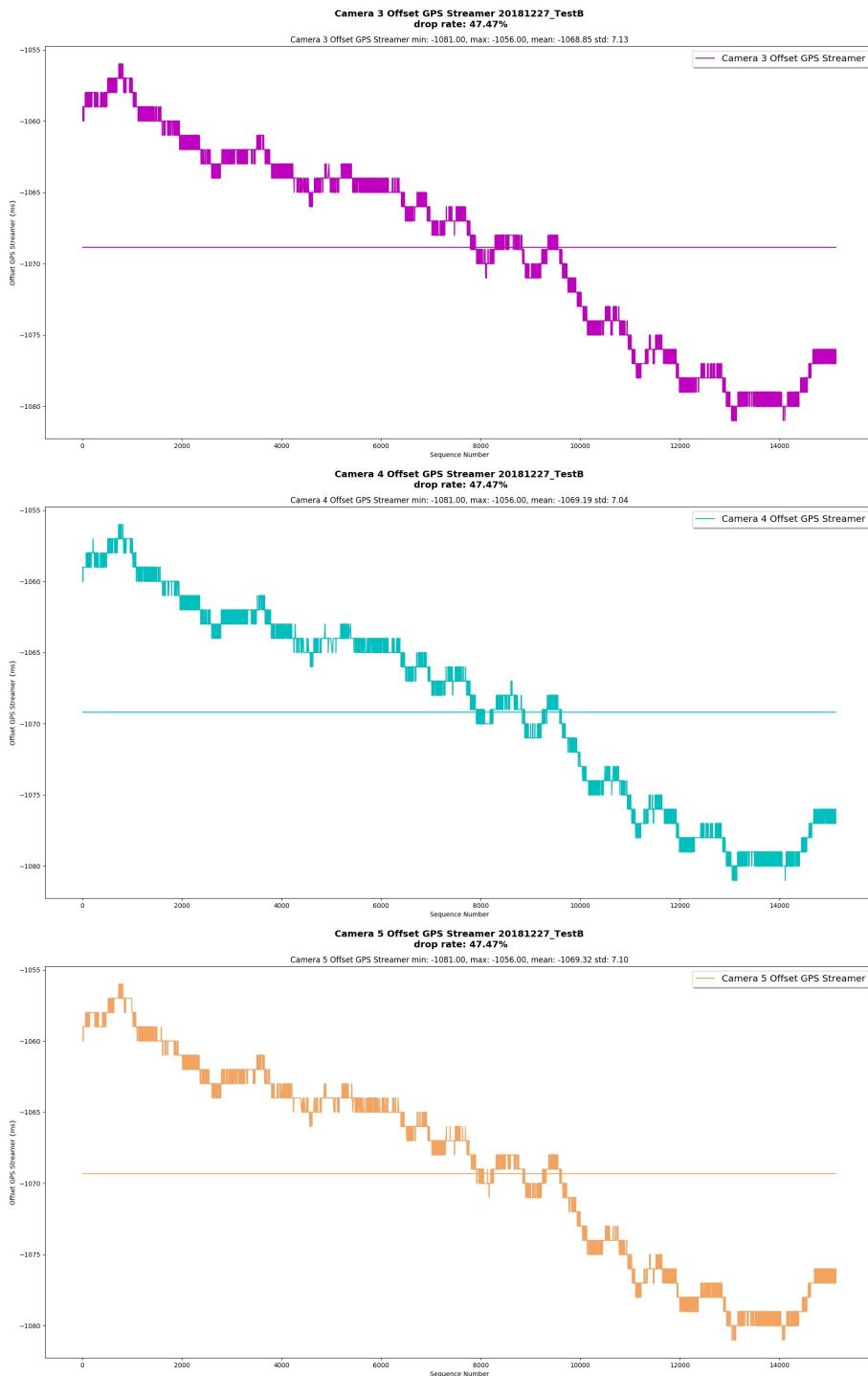


Camera 5 Total Latency Histogram 20181227_TestB

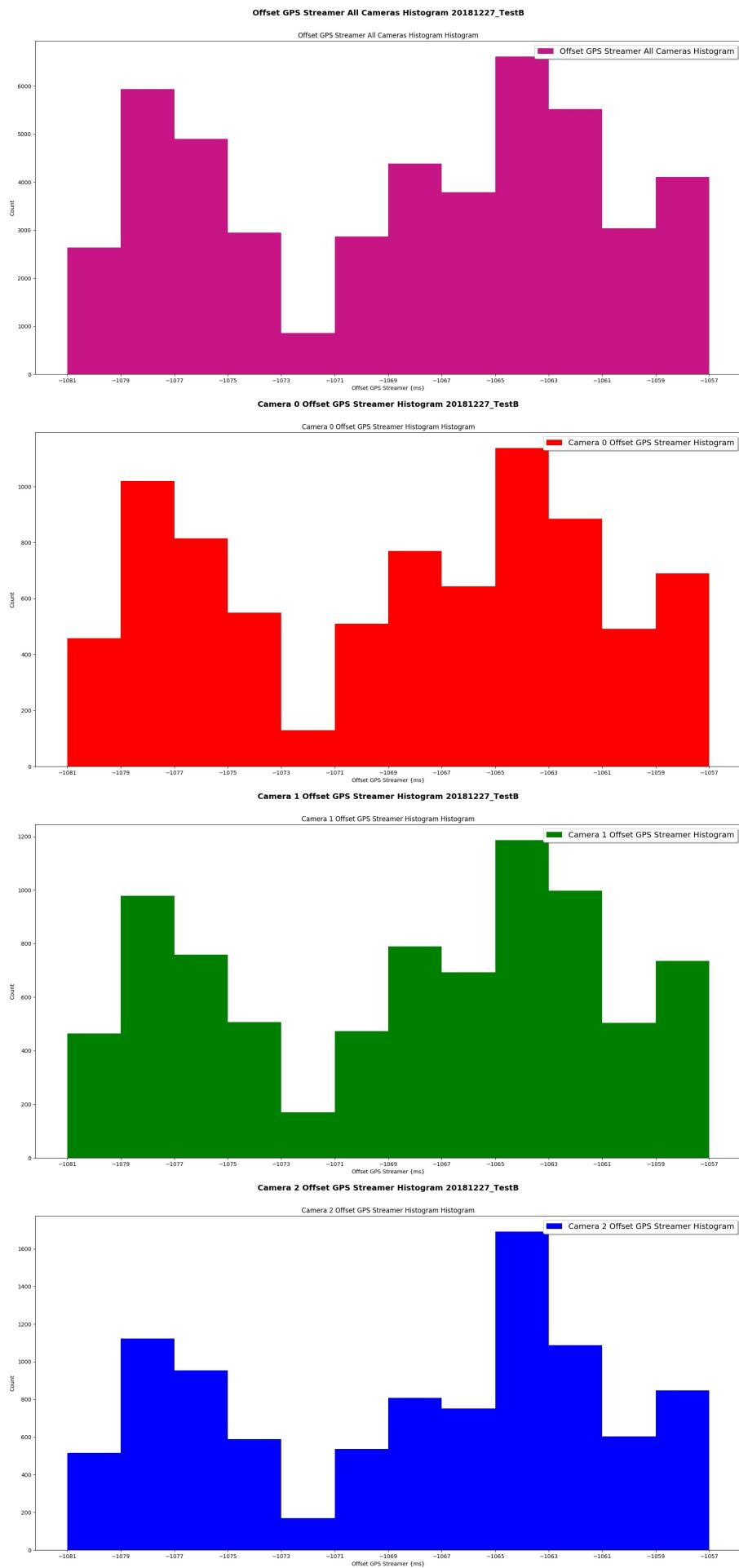


Offset GPS Streamer

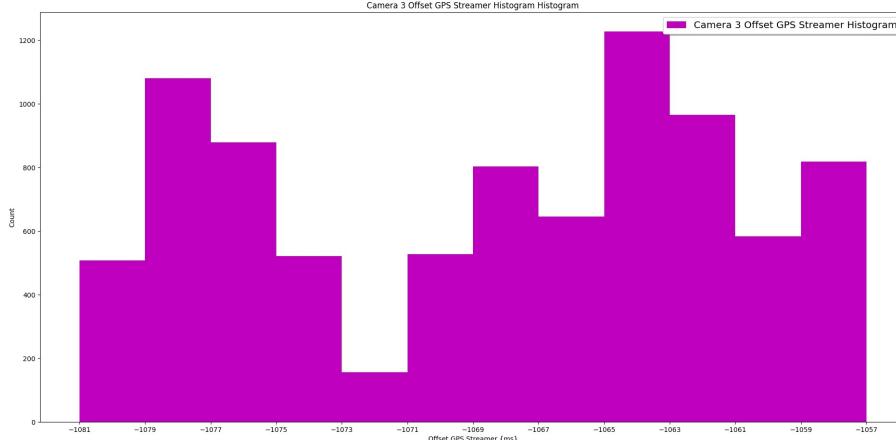




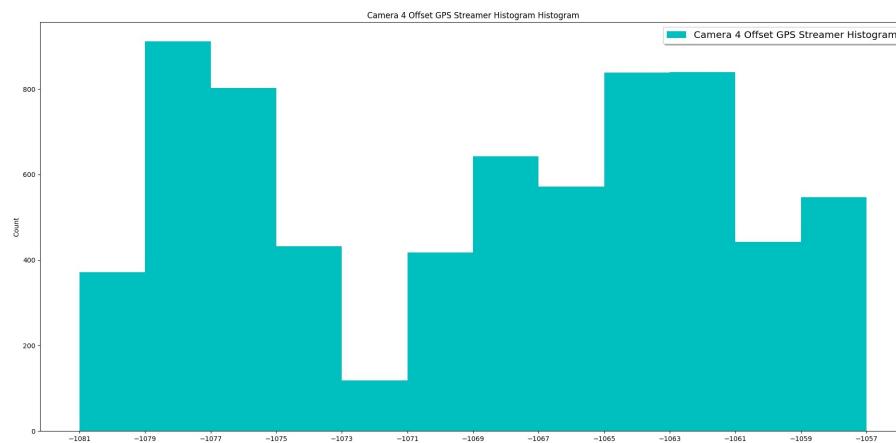
Offset GPS Streamer Histogram



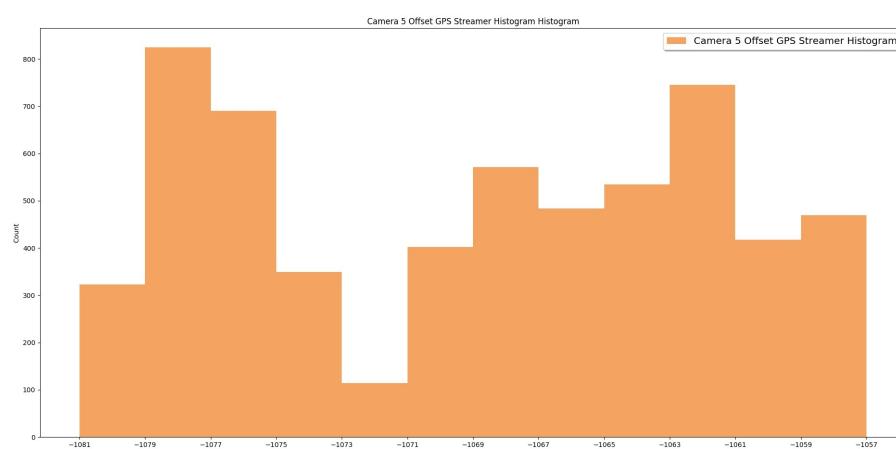
Camera 3 Offset GPS Streamer Histogram 20181227_TestB



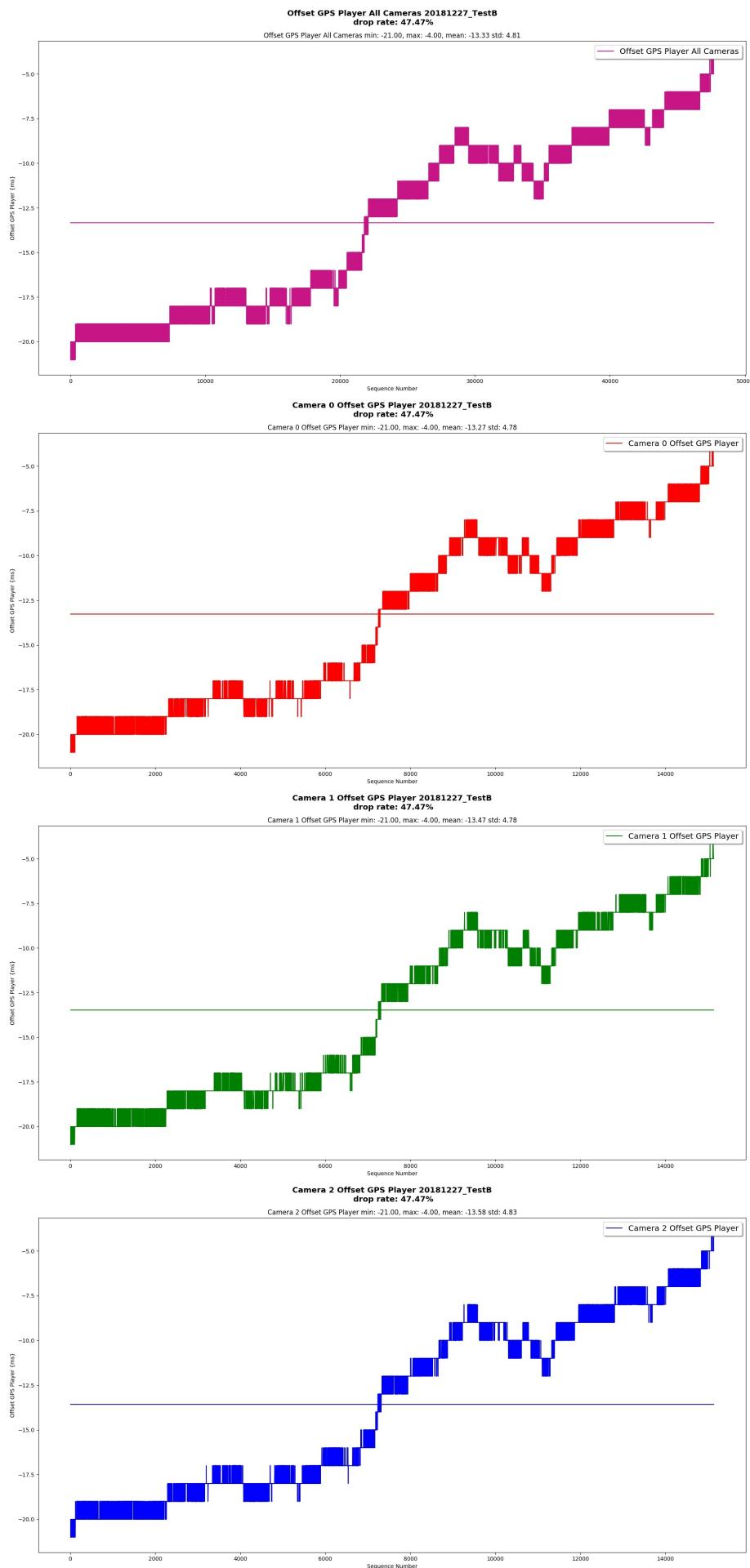
Camera 4 Offset GPS Streamer Histogram 20181227_TestB

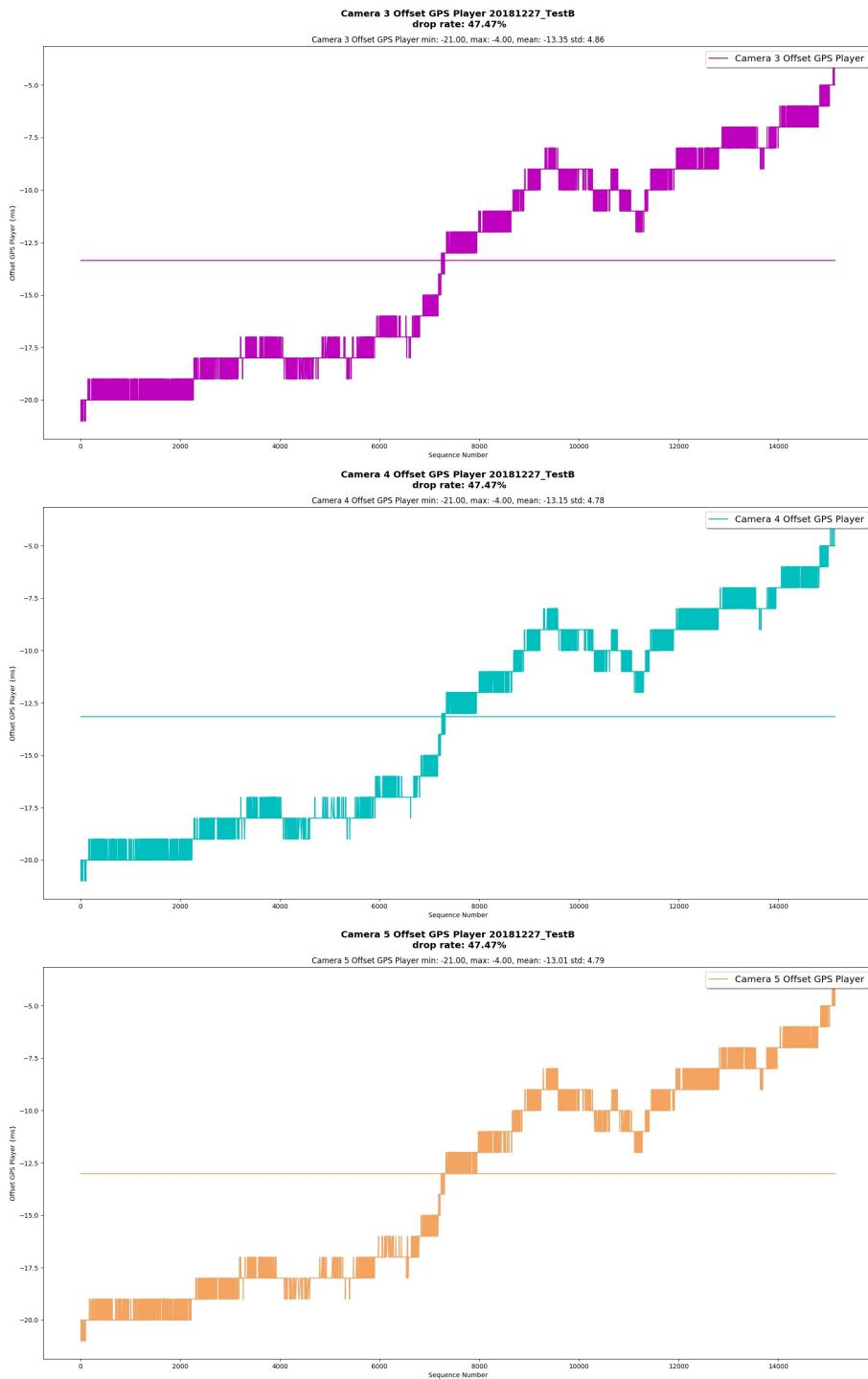


Camera 5 Offset GPS Streamer Histogram 20181227_TestB

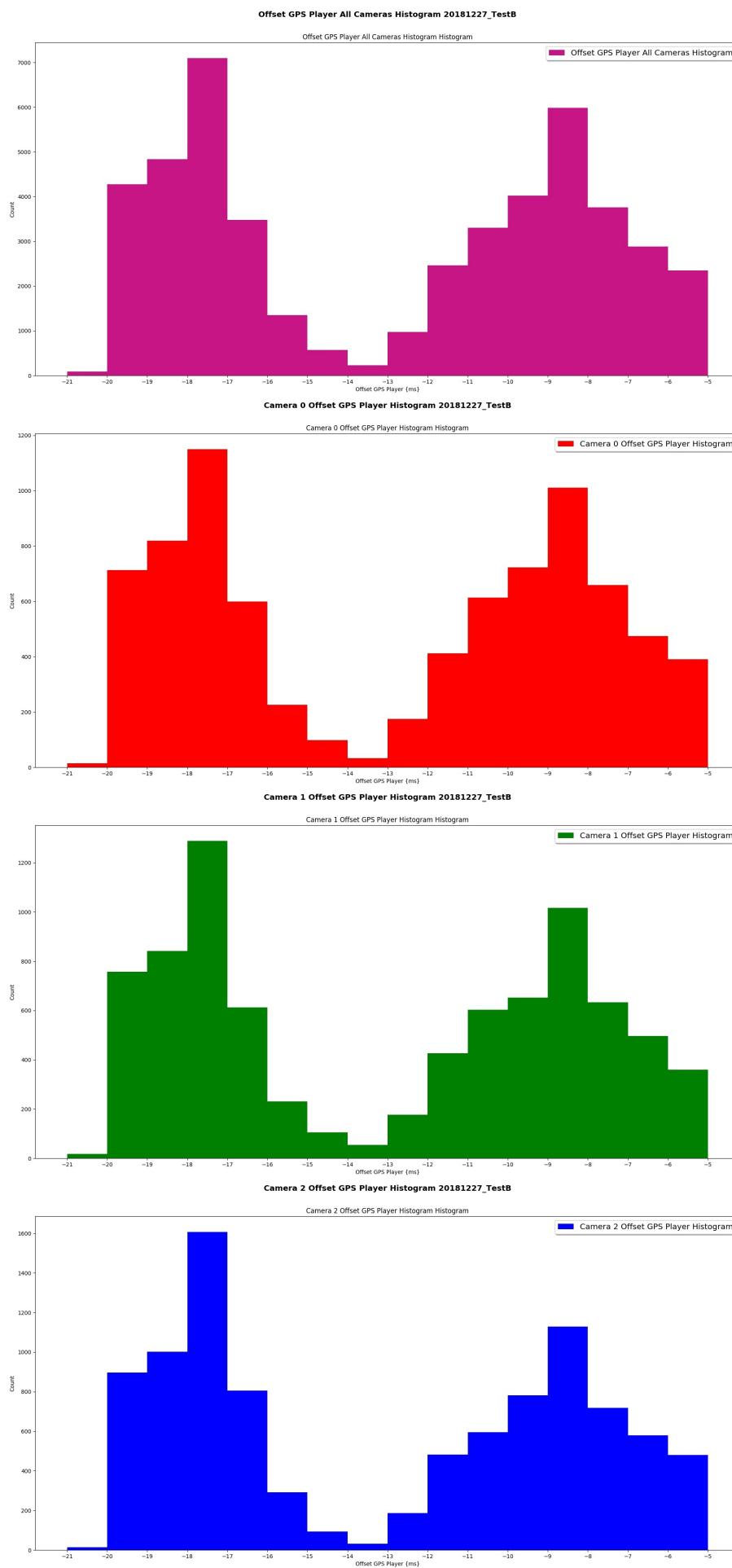


Offset GPS Player

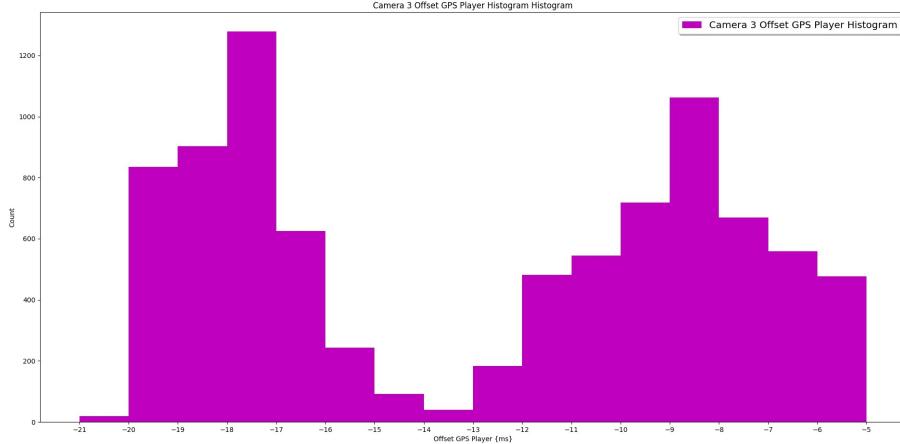




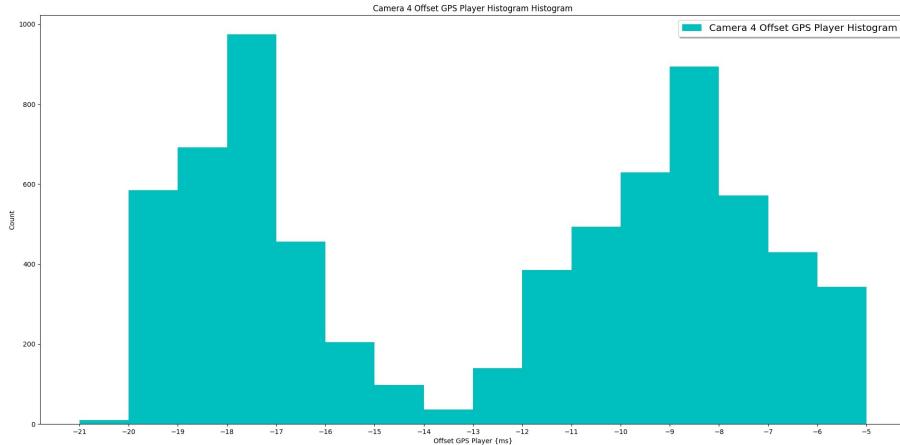
Offset GPS Player Histogram



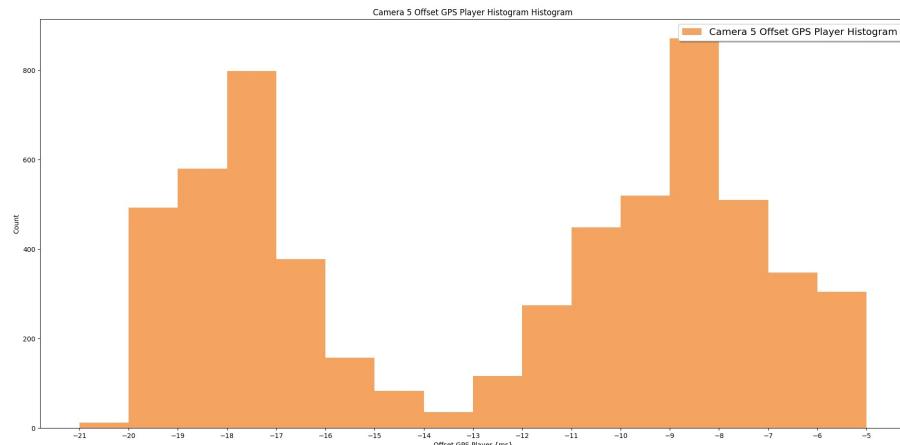
Camera 3 Offset GPS Player Histogram 20181227_TestB



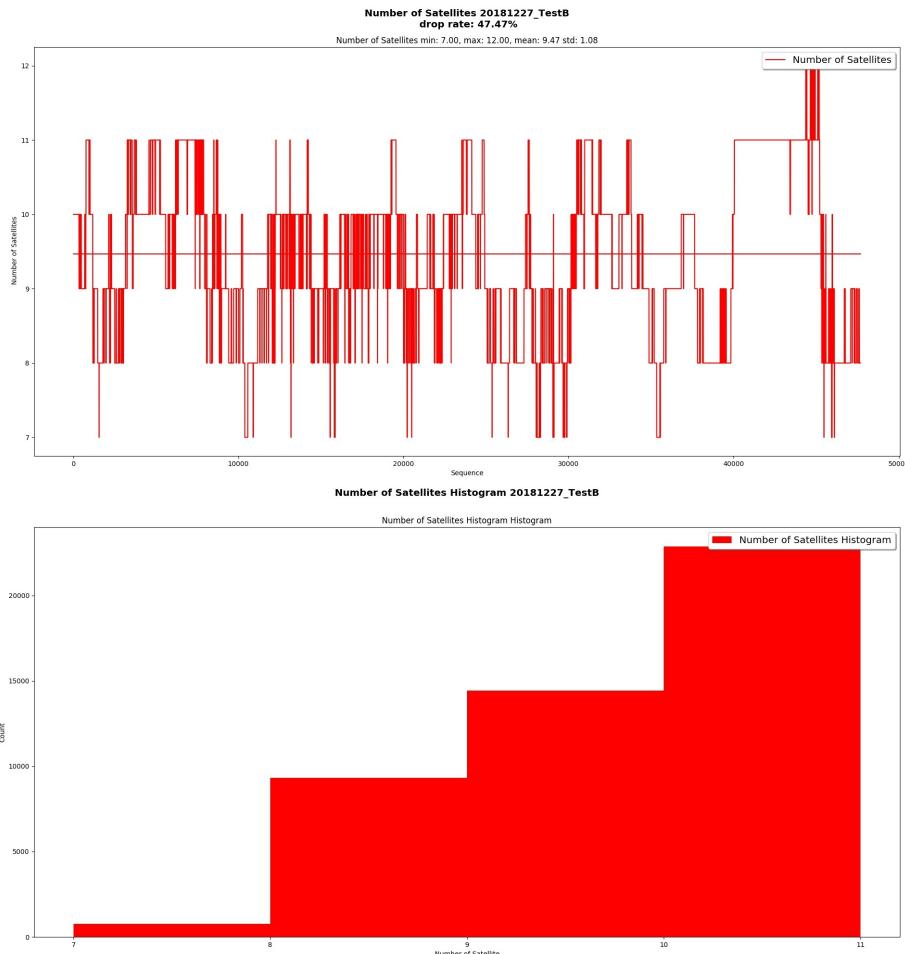
Camera 4 Offset GPS Player Histogram 20181227_TestB



Camera 5 Offset GPS Player Histogram 20181227_TestB



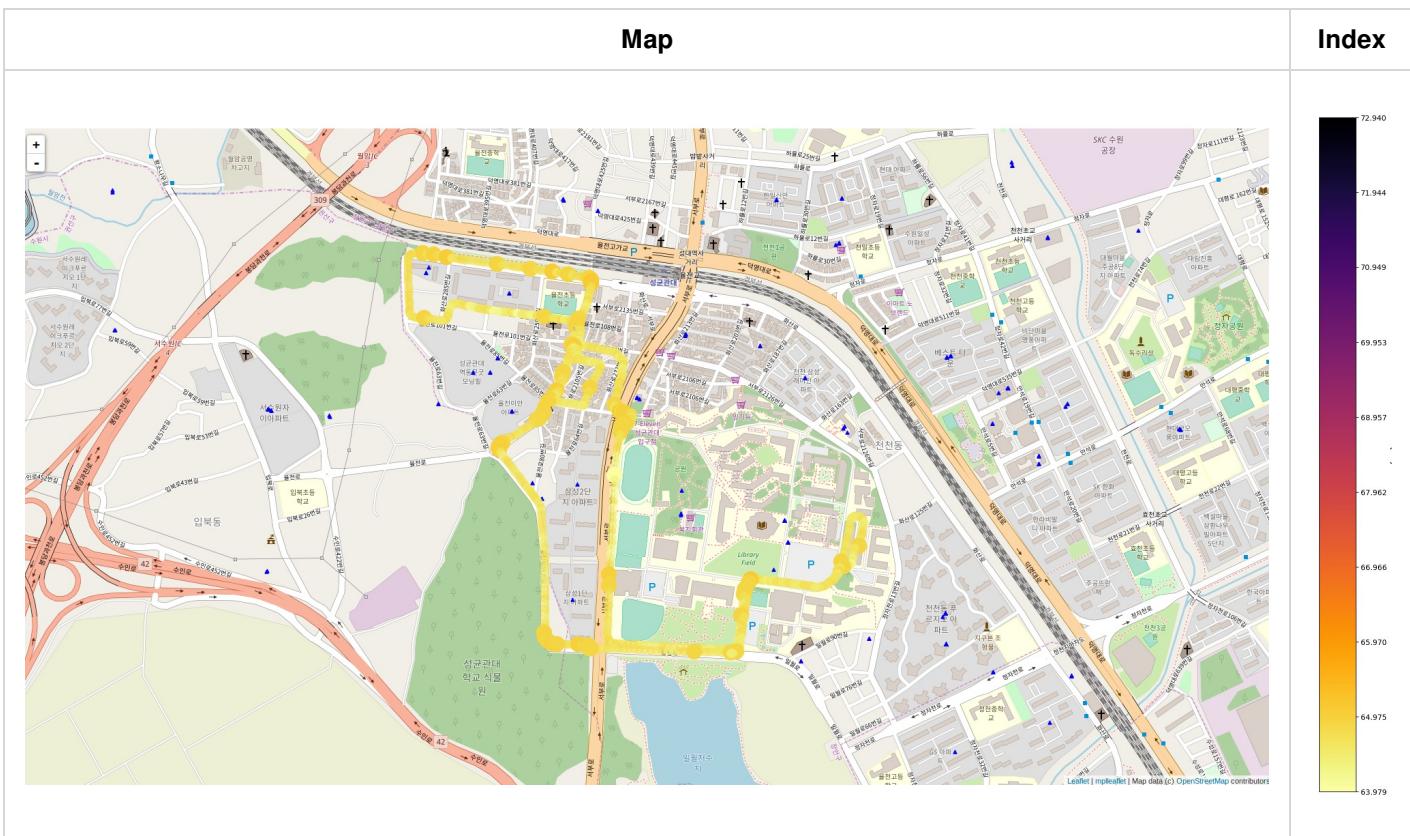
Satellite Count



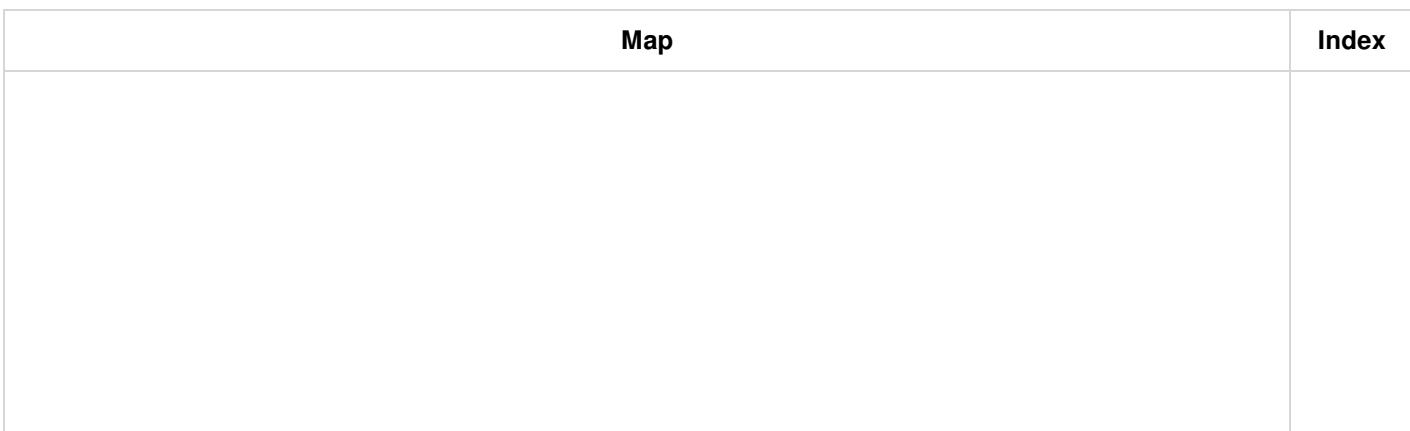
Encoding Latency over Route

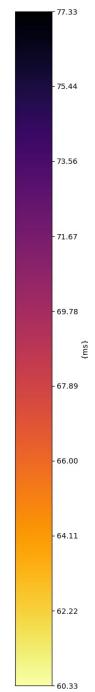


Encoding Latency for all cameras

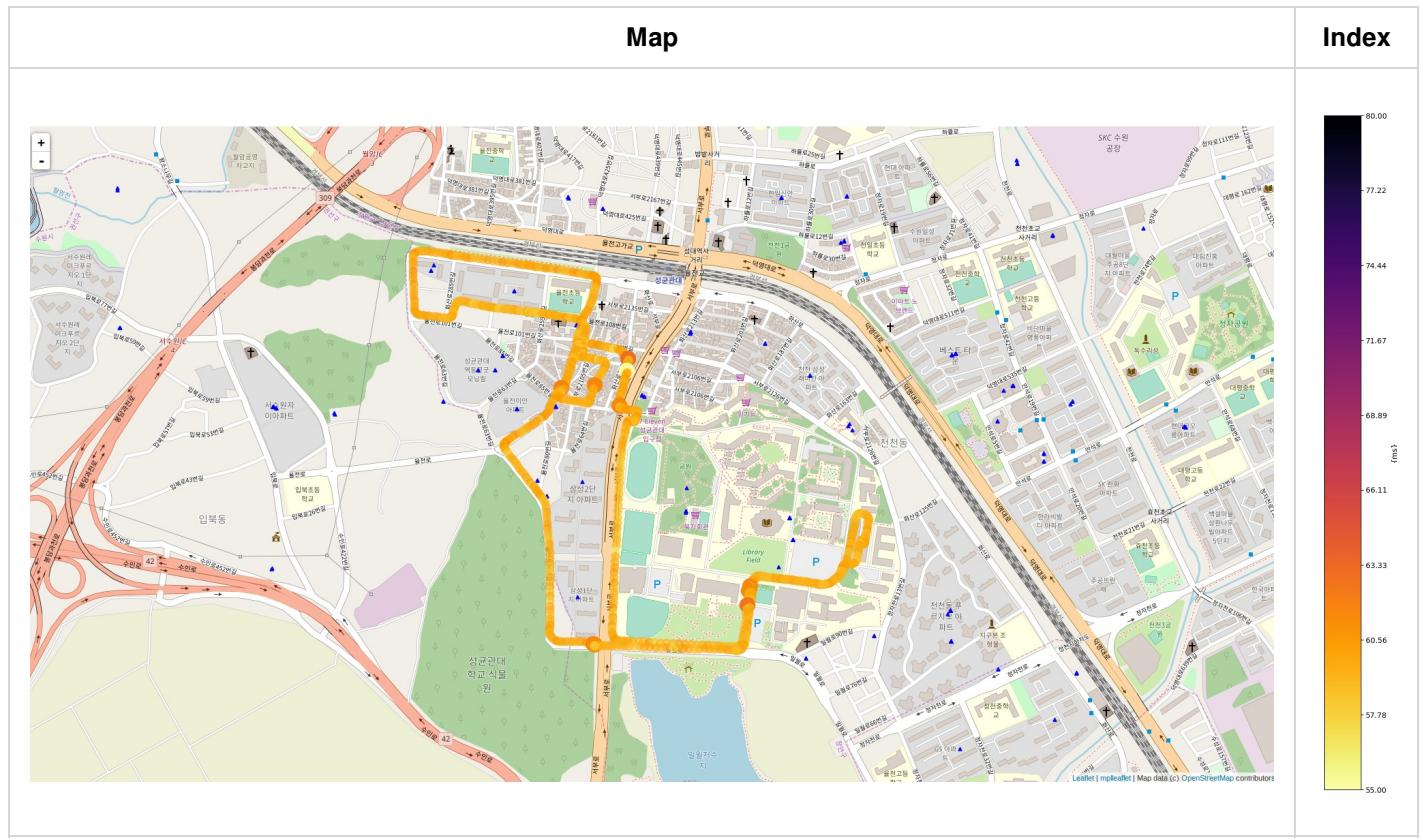


Encoding Latency Camera 0

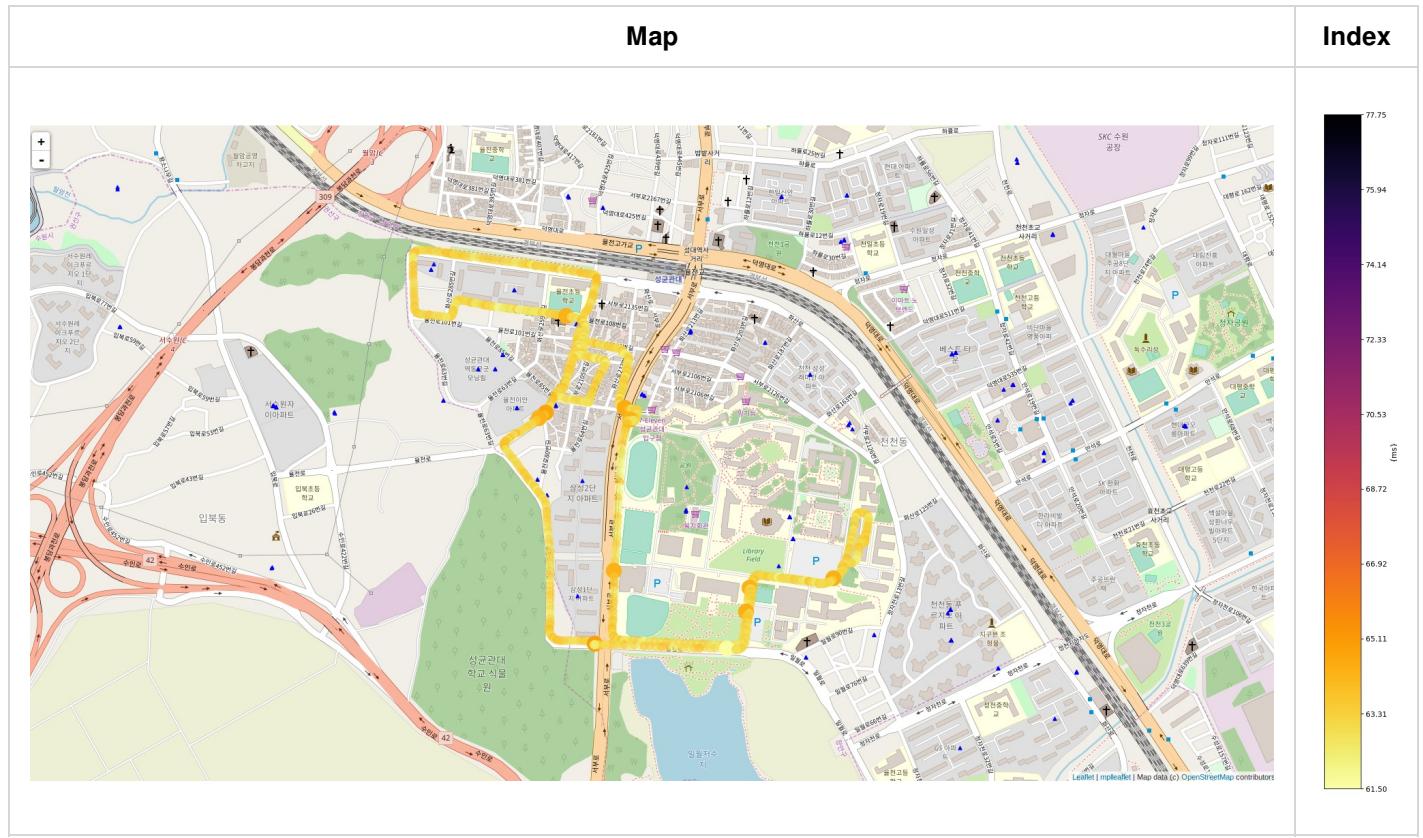




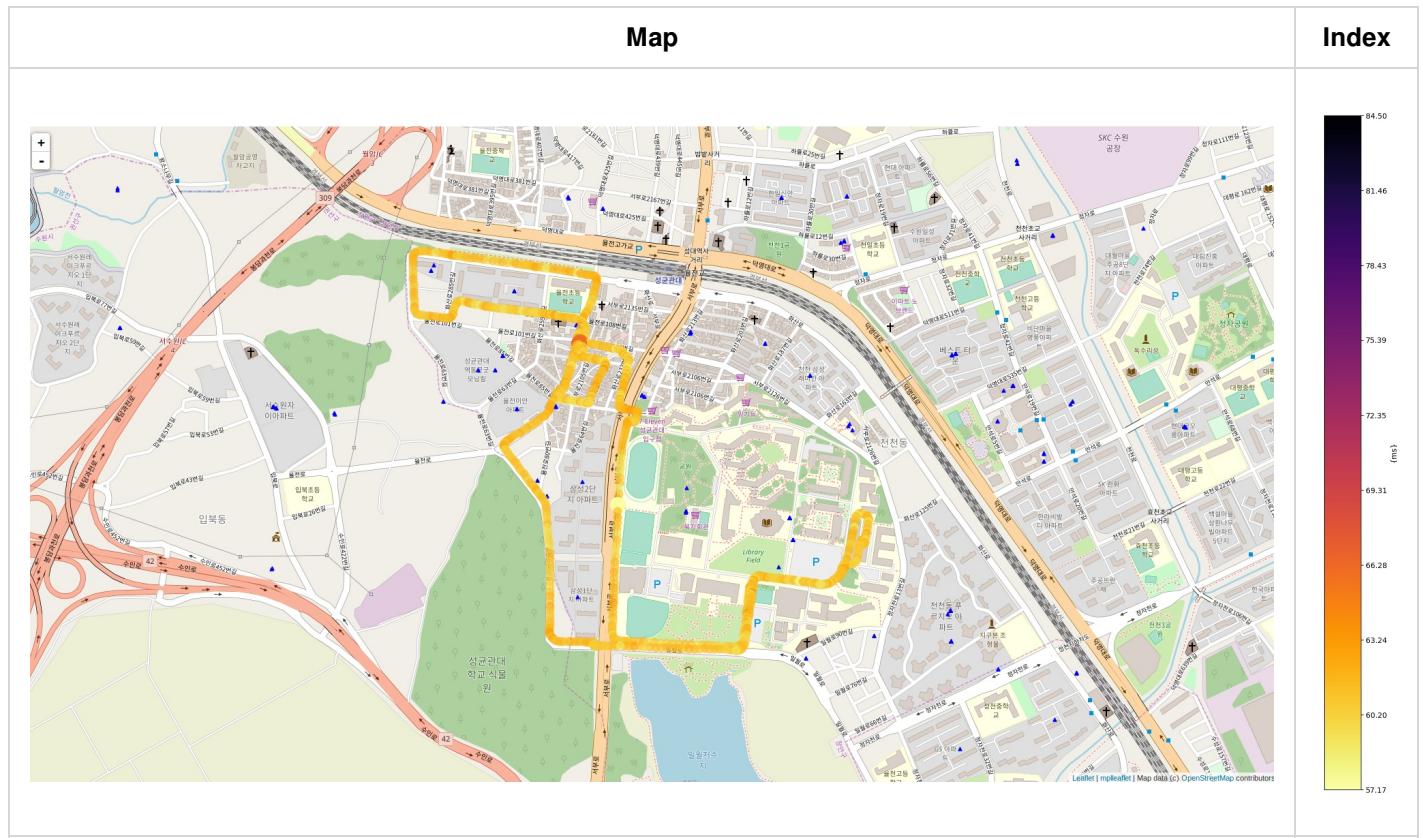
Encoding Latency Camera 1



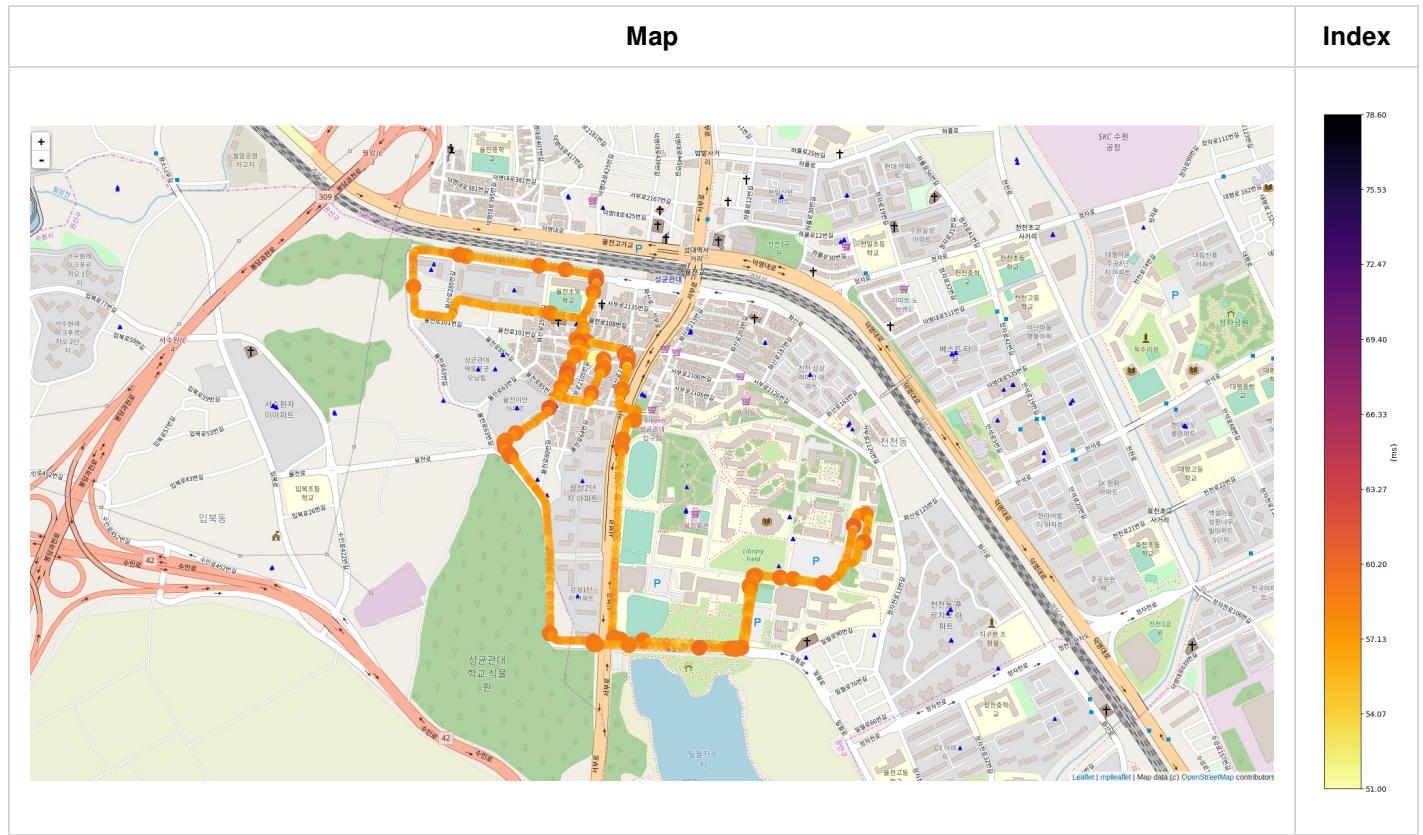
Encoding Latency Camera 2



Encoding Latency Camera 3



Encoding Latency Camera 4

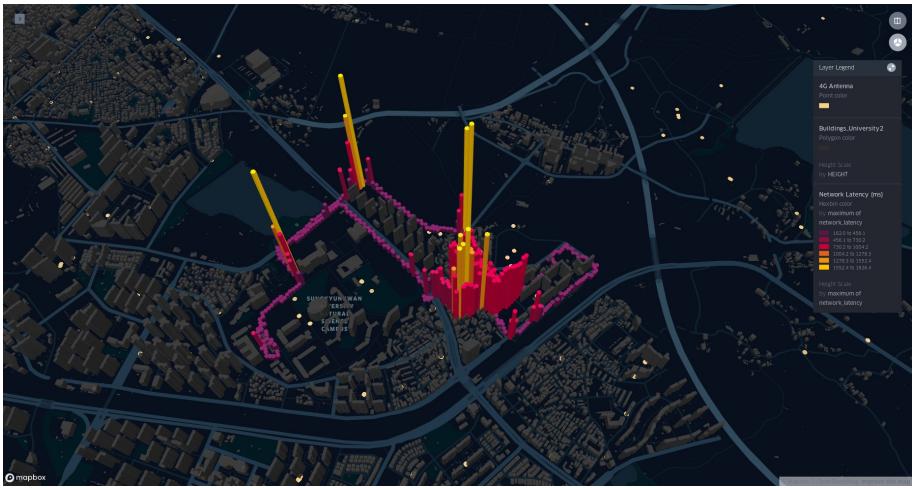


Encoding Latency Camera 5

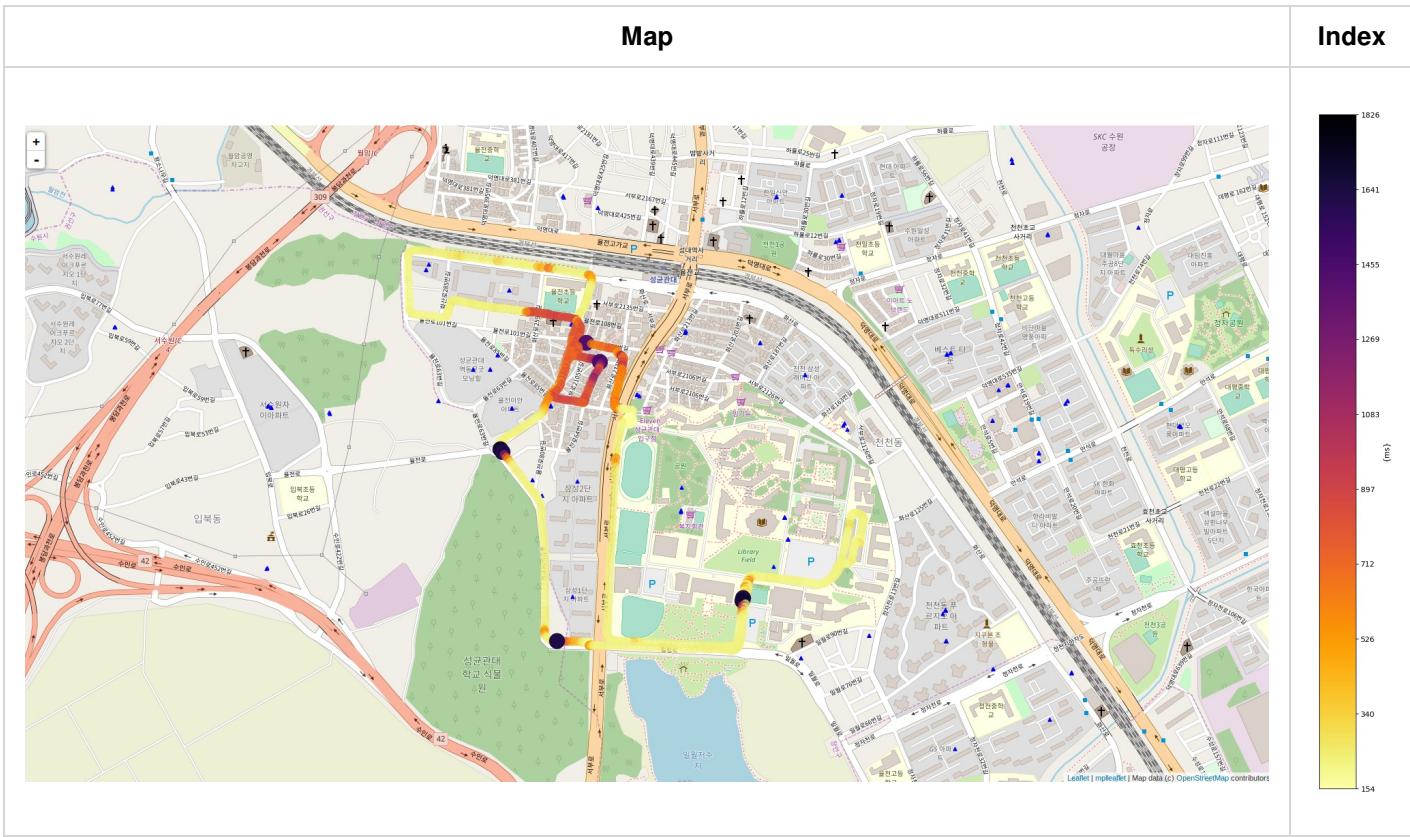




Network Latency over Route

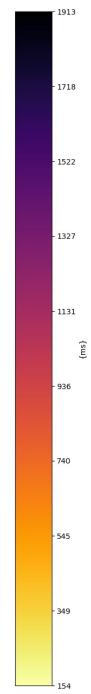
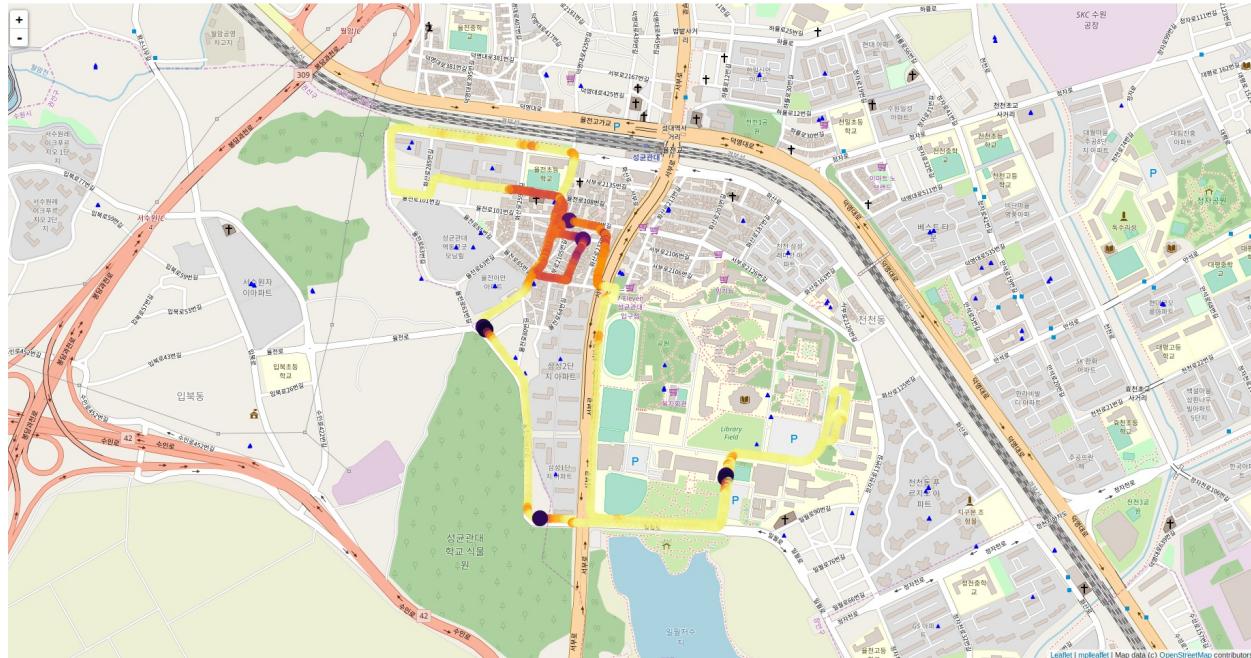


Network Latency for all cameras

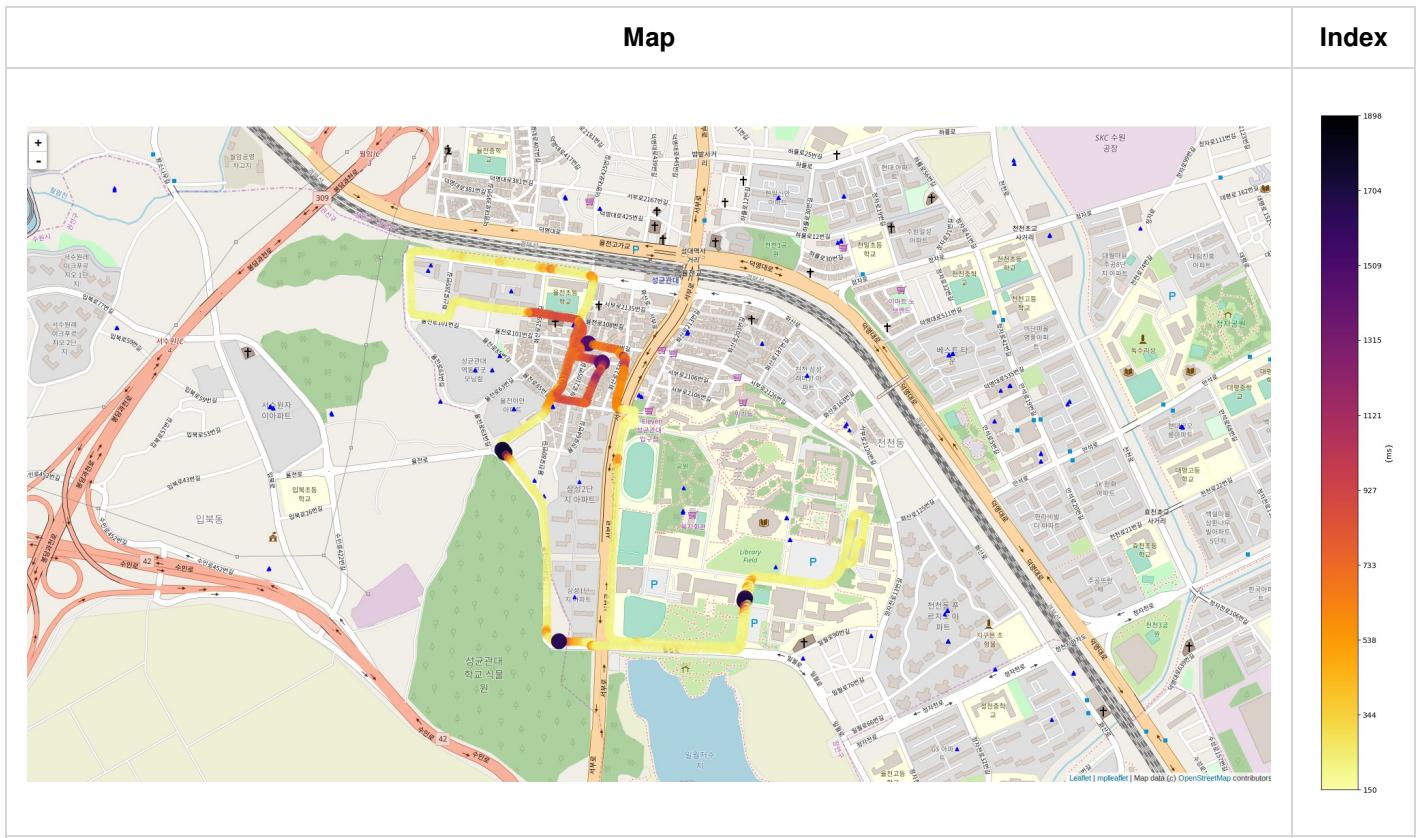


Network Latency Camera 0

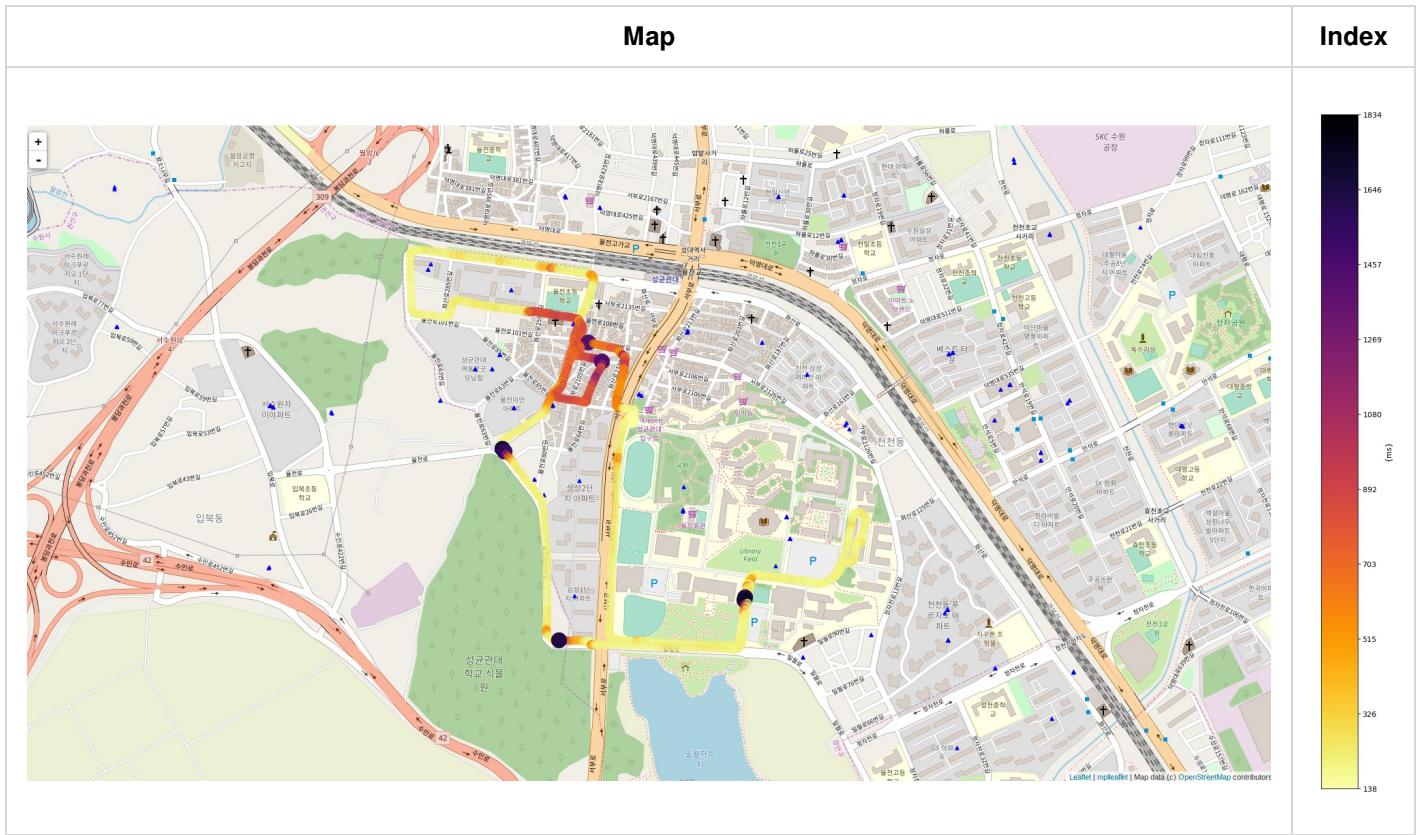




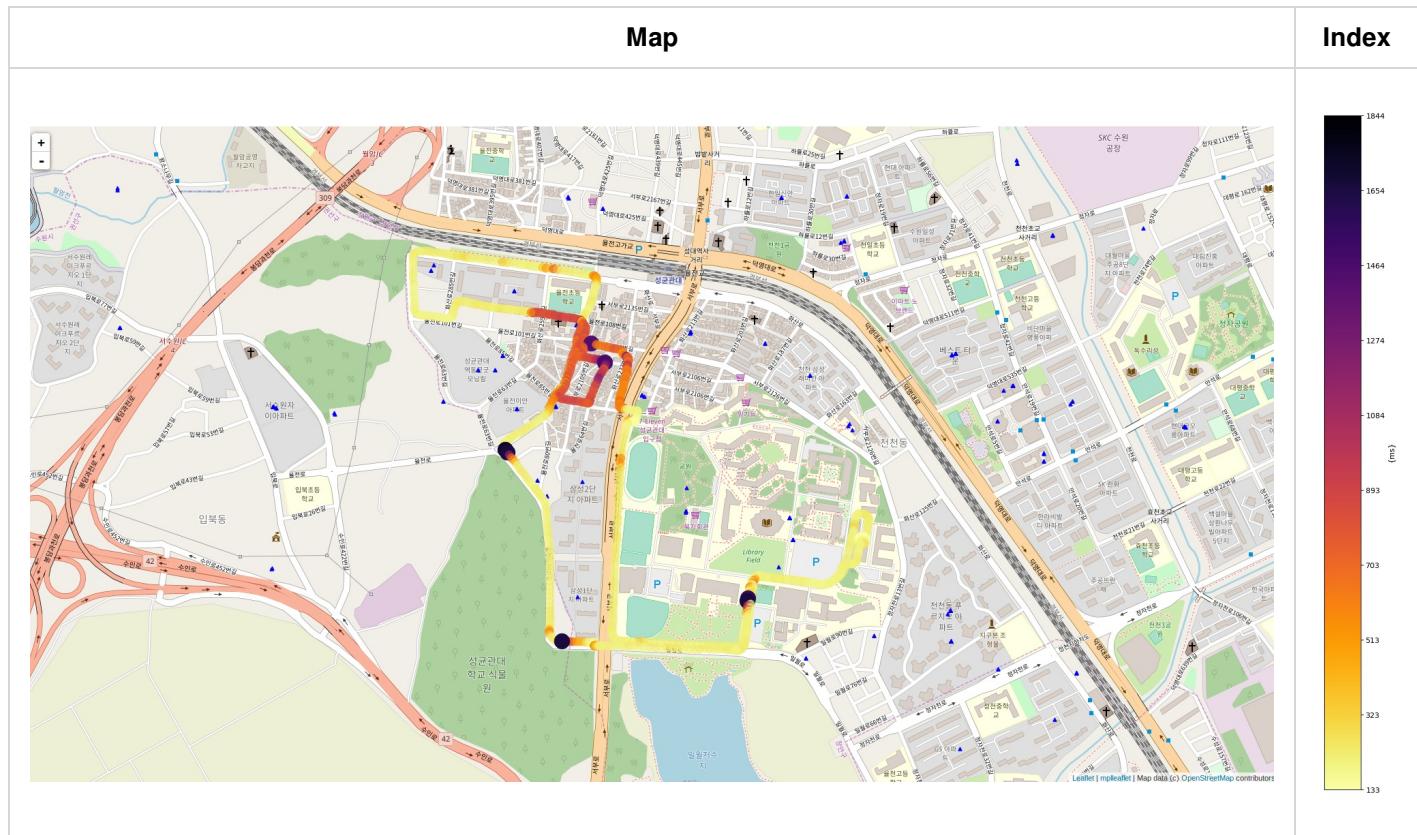
Network Latency Camera 1



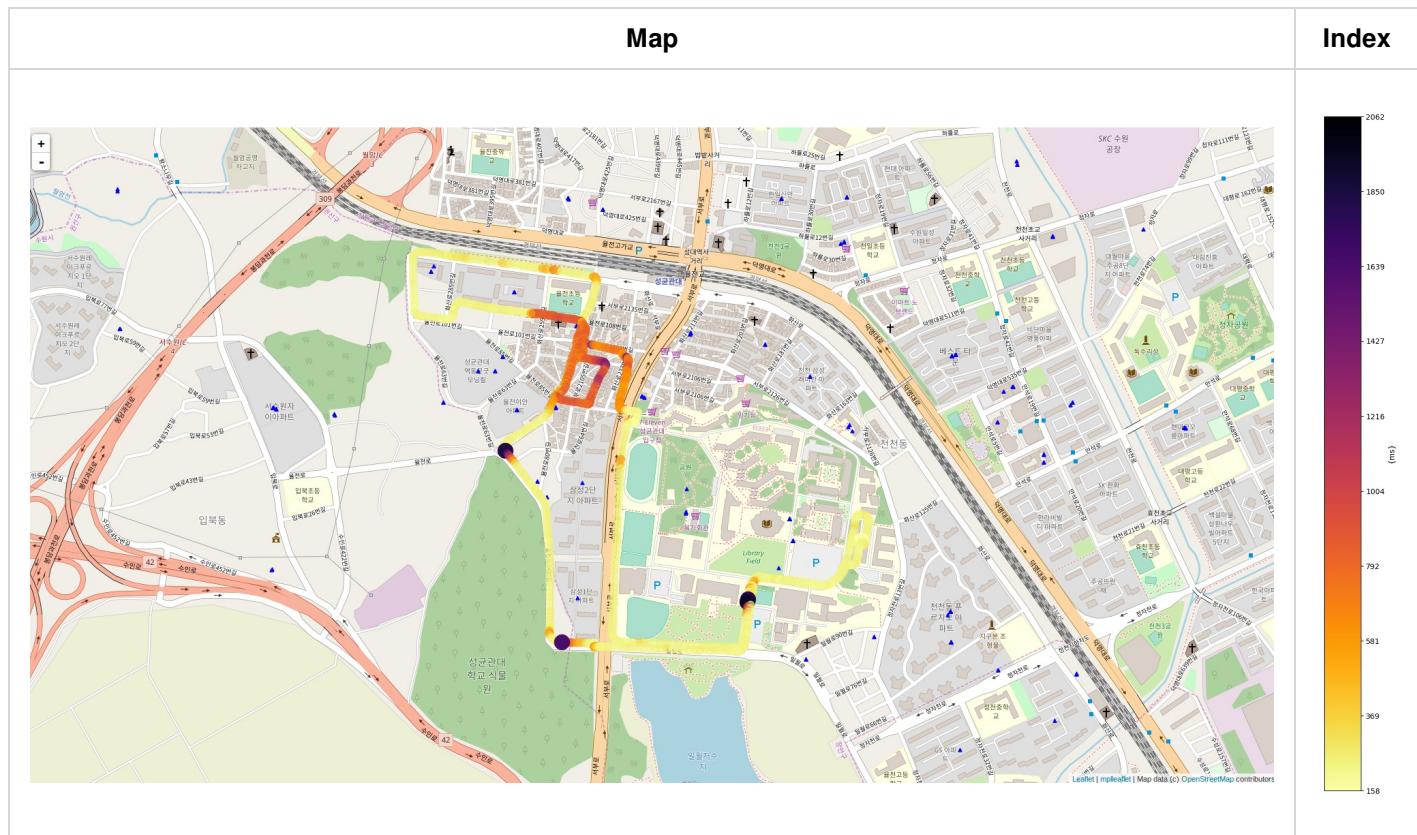
Network Latency Camera 2



Network Latency Camera 3

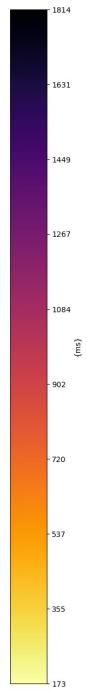
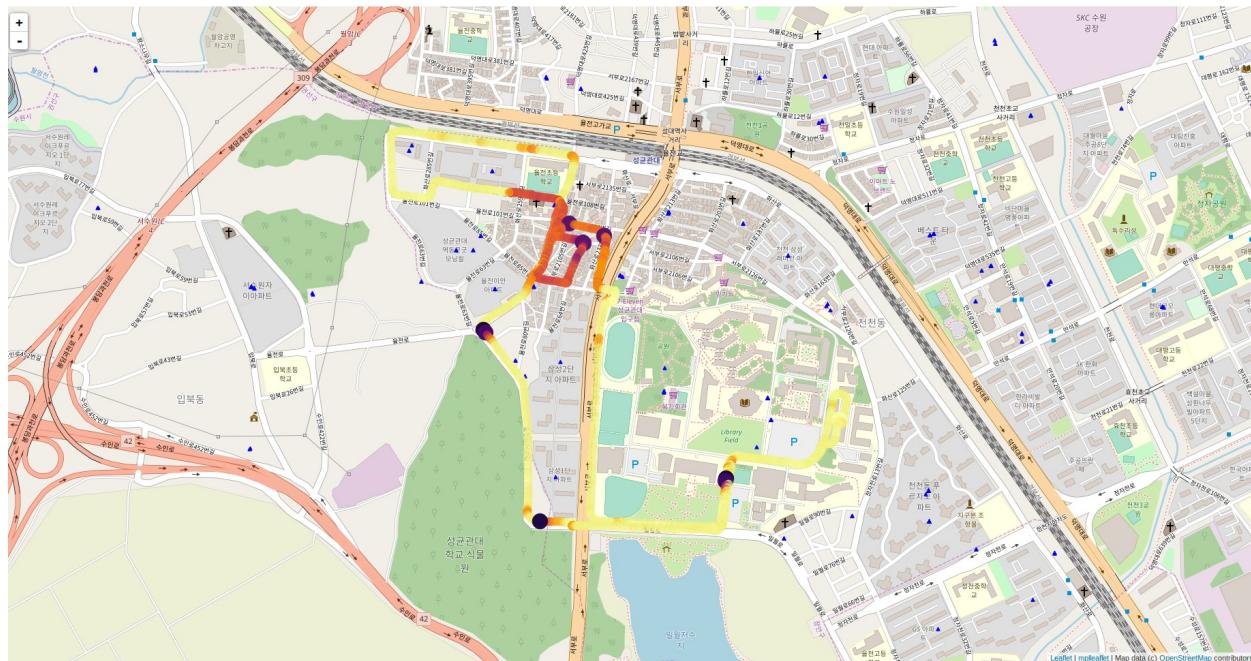


Network Latency Camera 4



Network Latency Camera 5



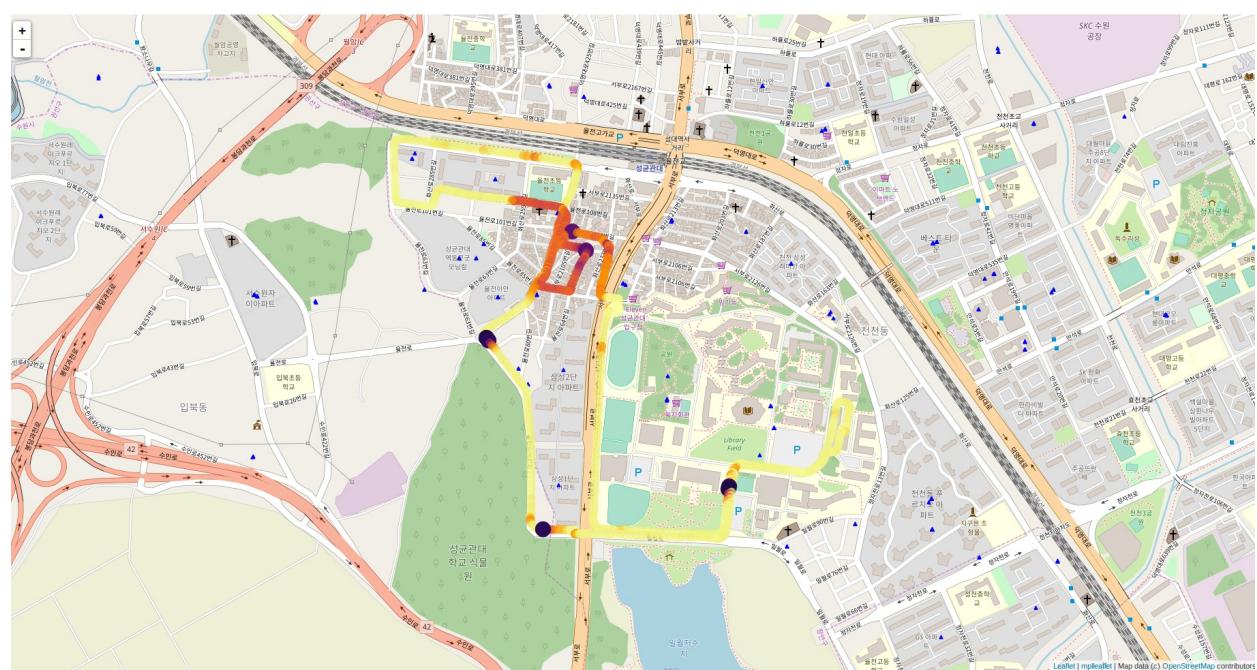


Total Latency for all cameras



Map

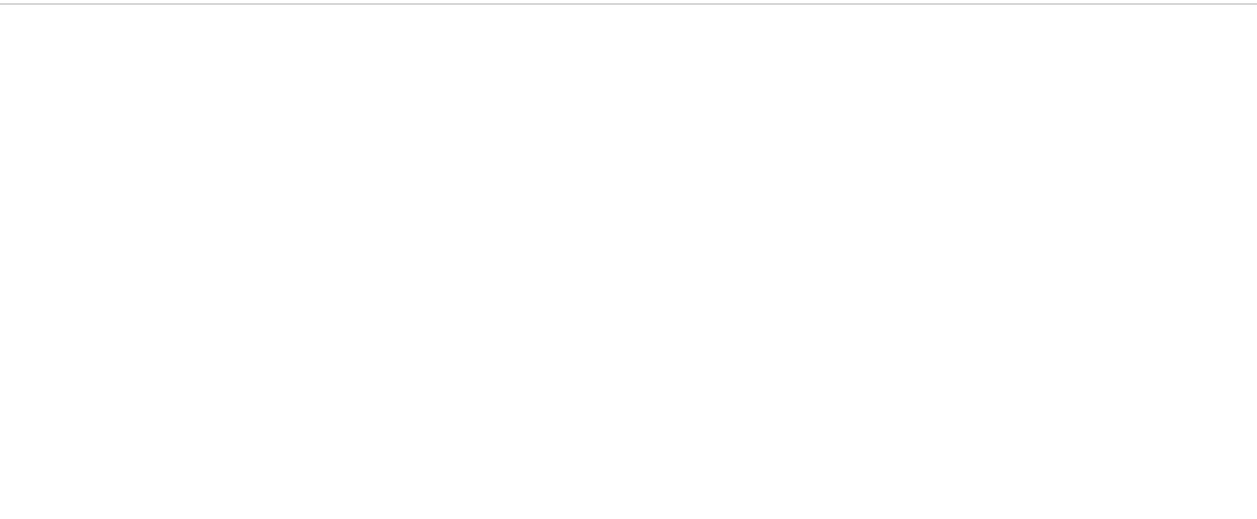
Index

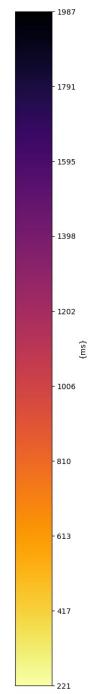
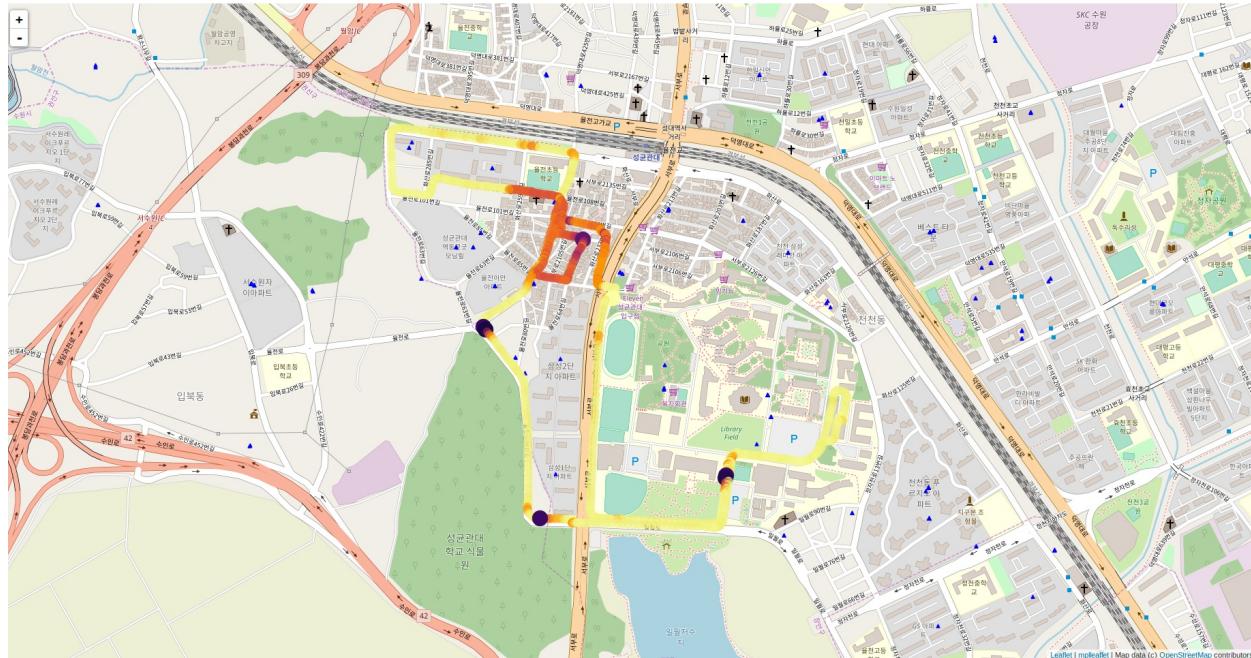


Total Latency Camera 0

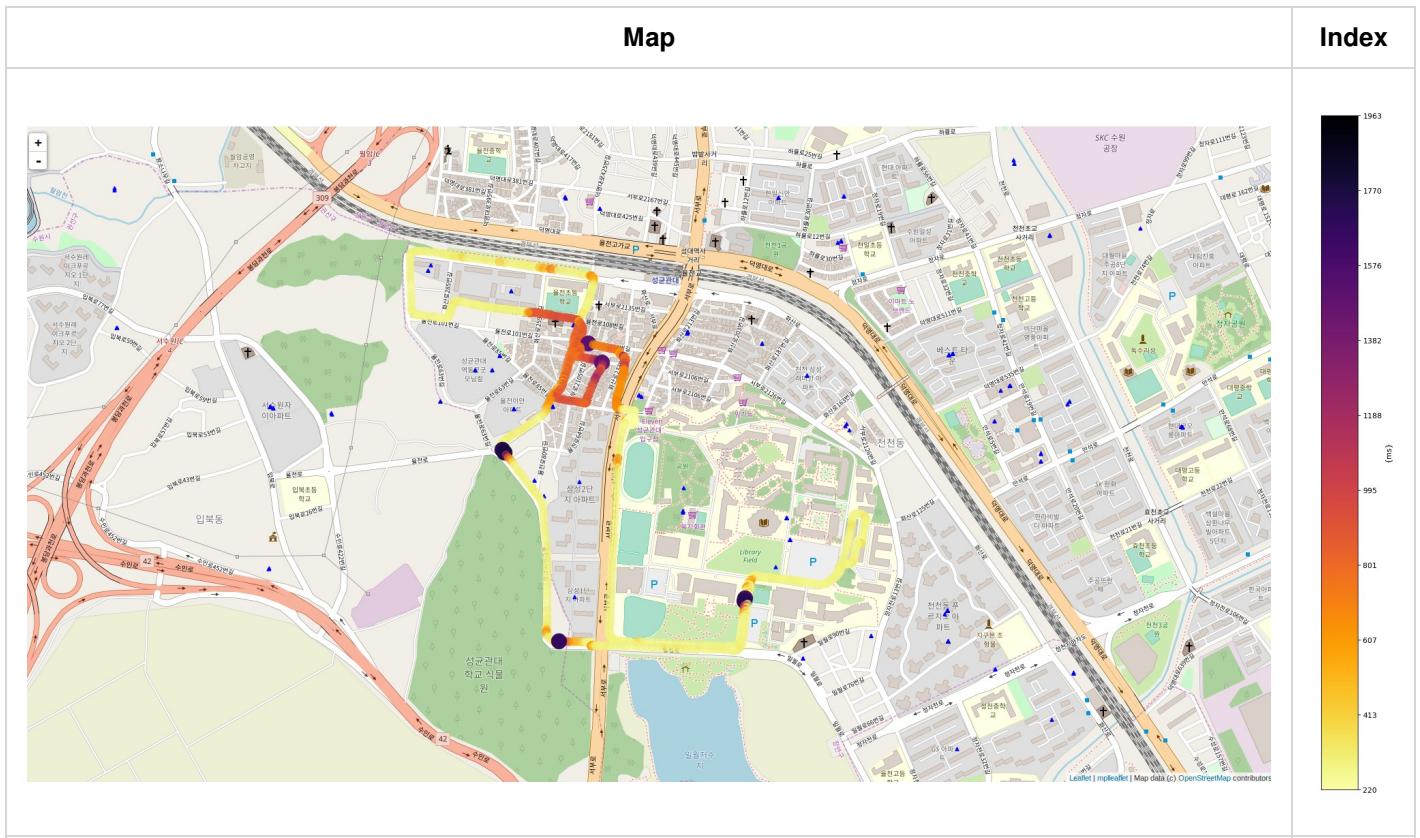
Map

Index

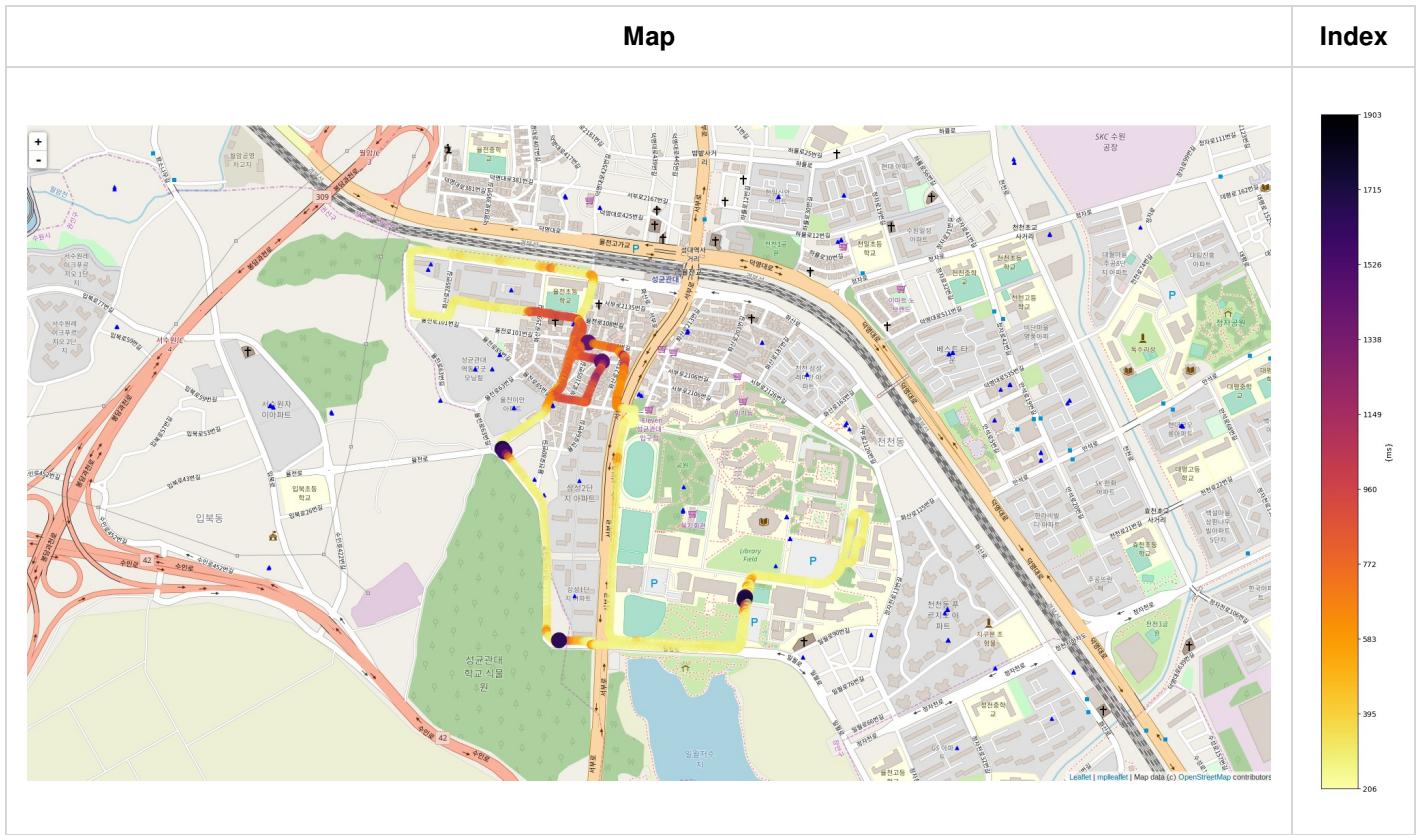




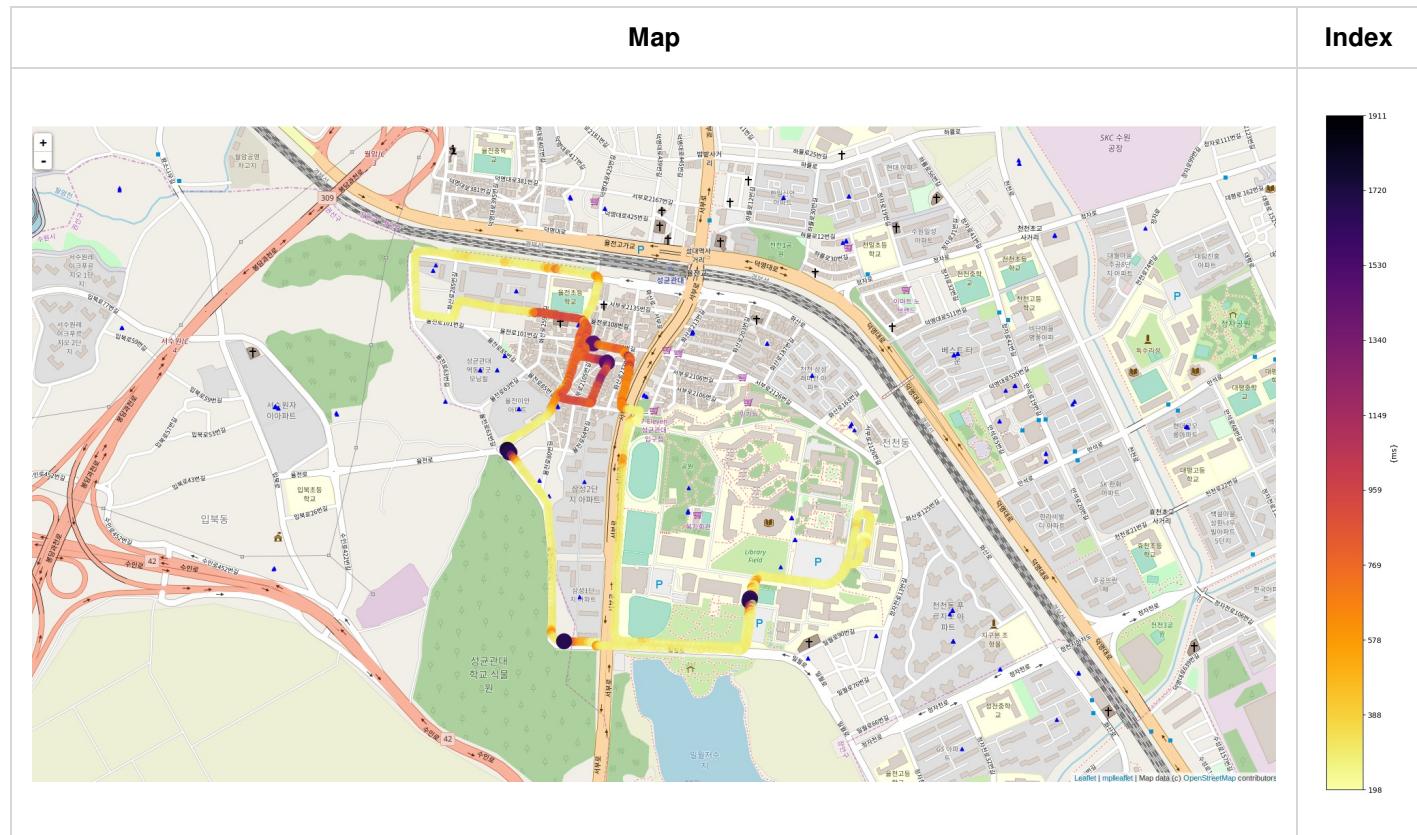
Total Latency Camera 1



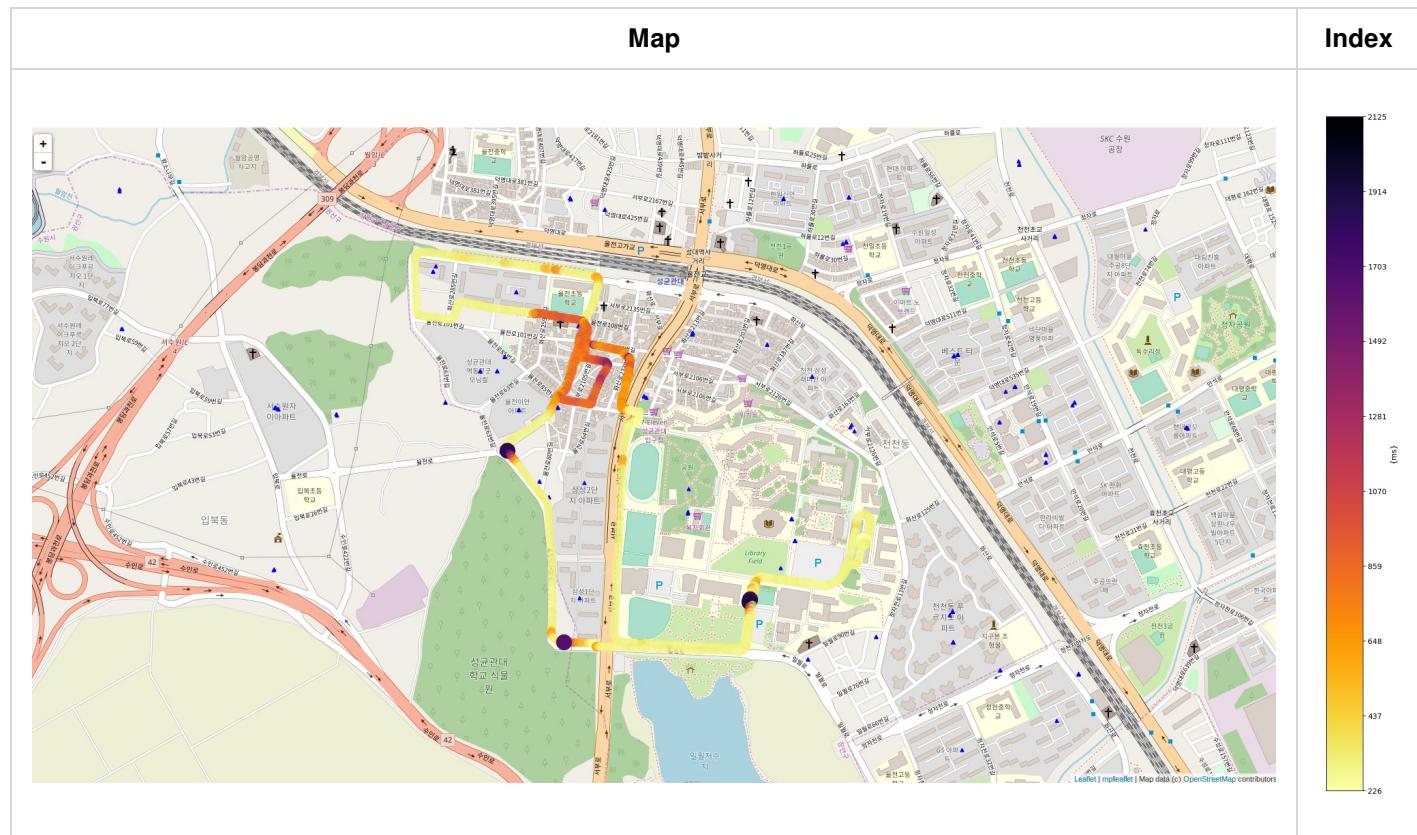
Total Latency Camera 2



Total Latency Camera 3

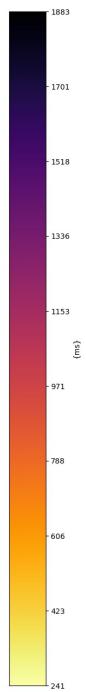
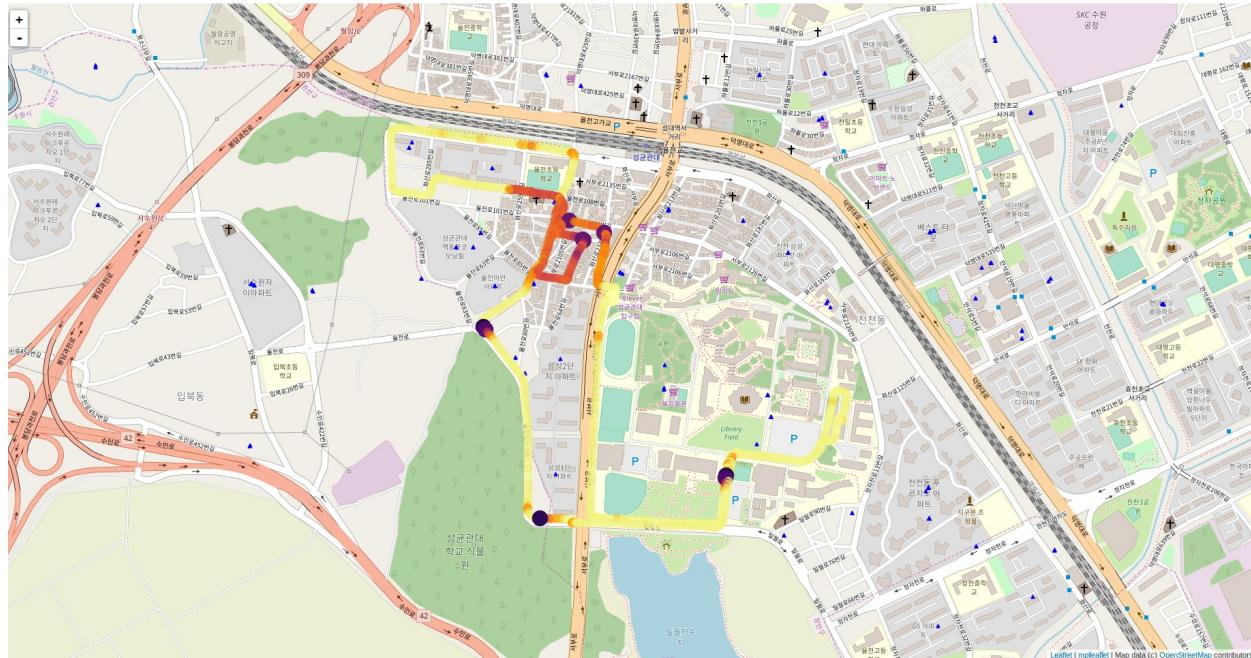


Total Latency Camera 4

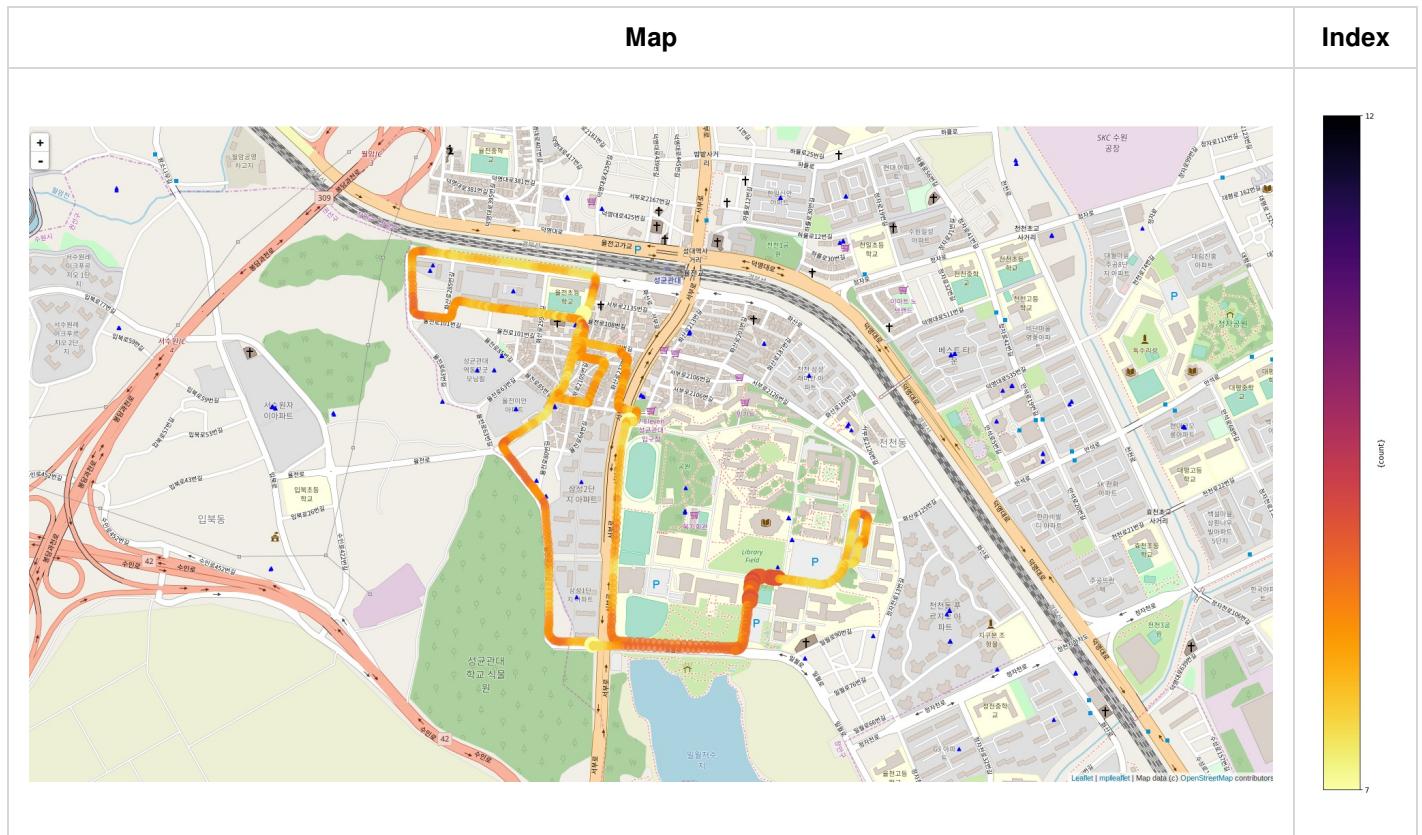


Total Latency Camera 5

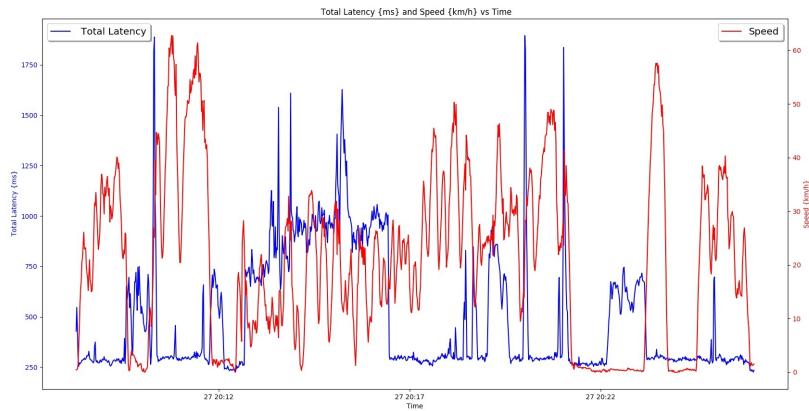




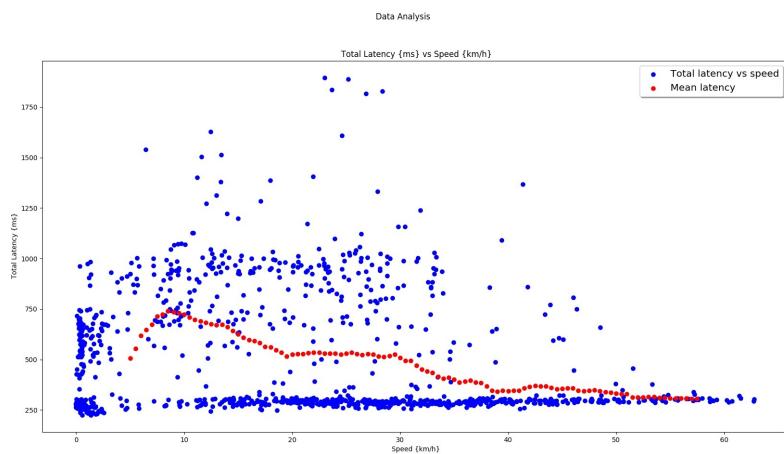
GPS Satellite Count Map



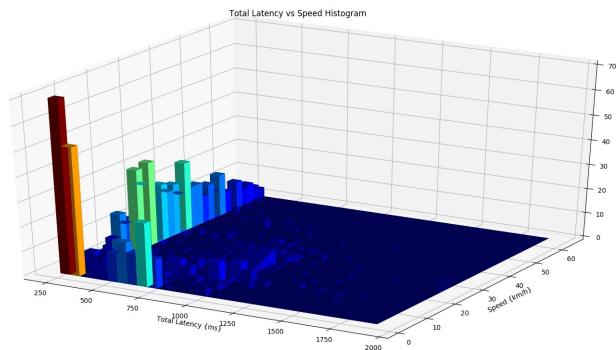
Total Latency, Speed vs Time



Total Latency vs Speed



Total Latency vs Speed Histogram



Total Latency vs Antennas inside various radii

