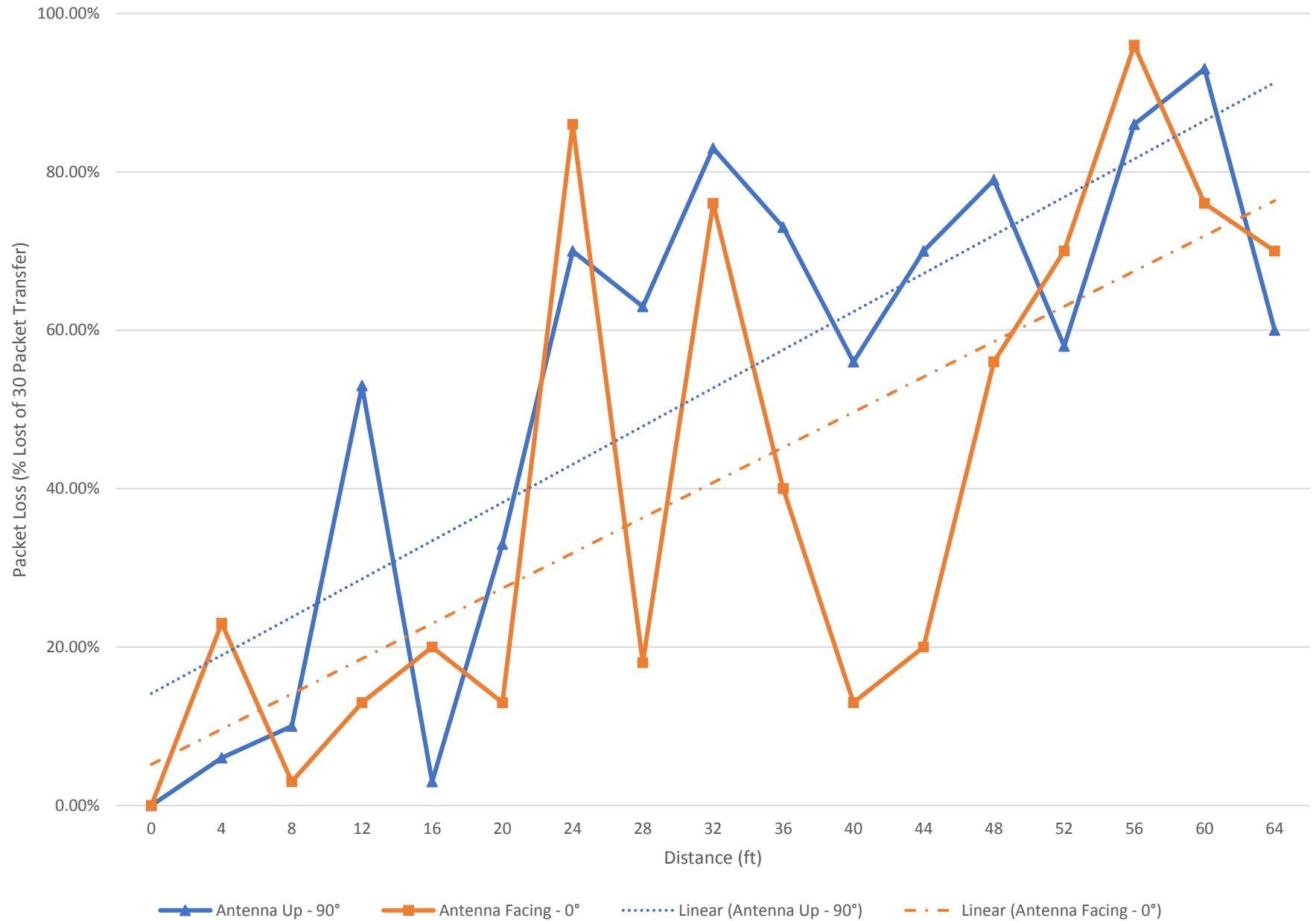
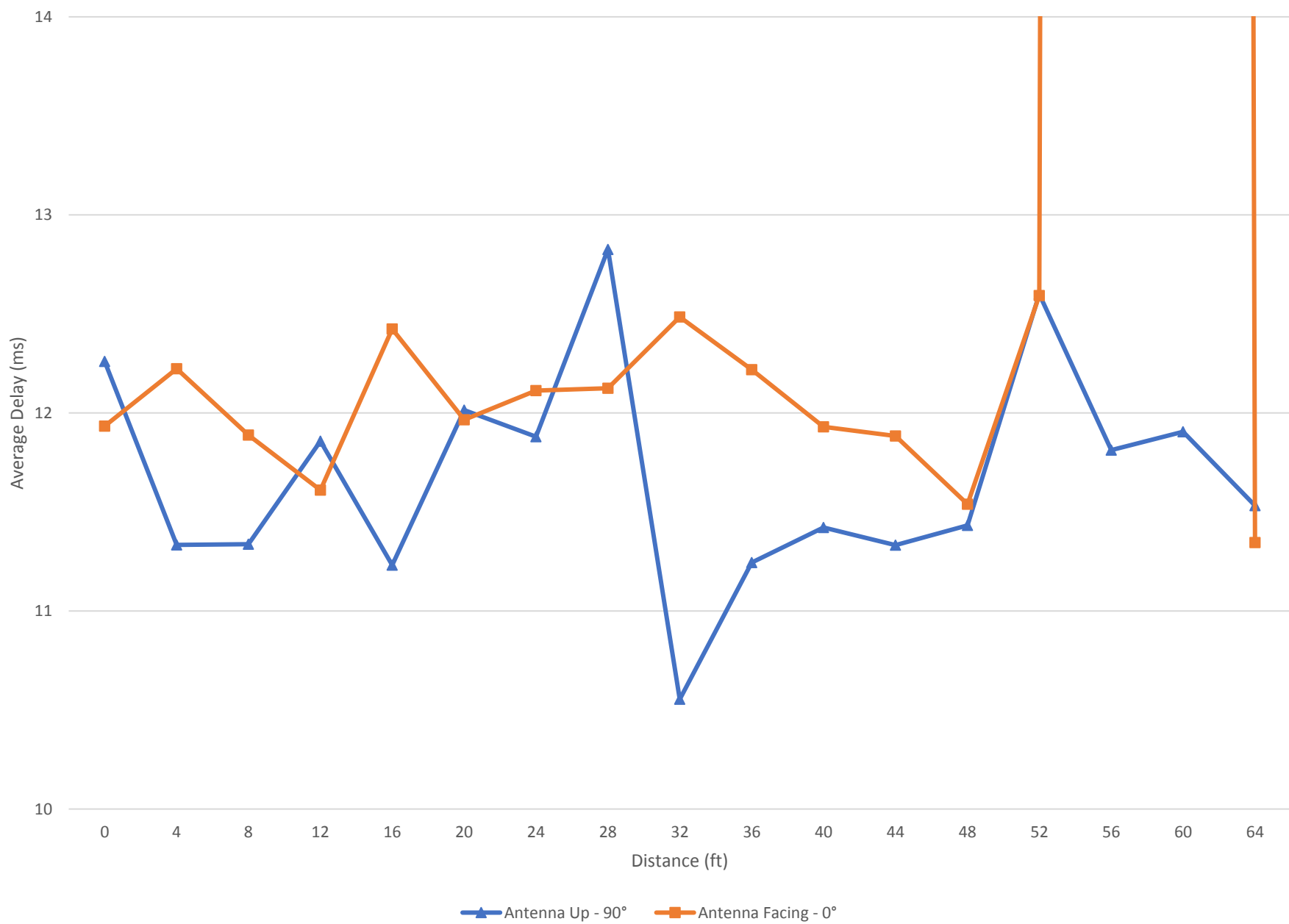


6LoWPAN Packet Loss over Distance



6LoWPAN Average Packet Delay over Distance



DISTANCE (FT)	PACKET LOSS (MS) [ANTENNA UP - 90°]	PACKET LOSS (MS) [ANTENNA FACING - 0°]	AV. DELAY (MS) [ANTENNA UP - 90°]	AV. DELAY (MS) [ANTENNA FACING - 0°]
0	0.00%	0.00%	12.26	11.933
4	6.00%	23.00%	11.334	12.223
8	10.00%	3.00%	11.337	11.888
12	53.00%	13.00%	11.858	11.61
16	3.00%	20.00%	11.231	12.424
20	33.00%	13.00%	12.014	11.965
24	70.00%	86.00%	11.88	12.113
28	63.00%	18.00%	12.826	12.125
32	83.00%	76.00%	10.554	12.485
36	73.00%	40.00%	11.245	12.218
40	56.00%	13.00%	11.421	11.93
44	70.00%	20.00%	11.333	11.883
48	79.00%	56.00%	11.432	11.539
52	58.00%	70.00%	12.6	12.593
56	86.00%	96.00%	11.812	1054.497
60	93.00%	76.00%	11.905	223.162
64	60.00%	70.00%	11.532	11.346

Test Details:

30 pings per test
Pings at frequency of 1Hz

Location Details:

5th Floor Canal Building Hallway
Carleton U, Ottawa, ON
16/10/2017 2:00pm

Environment Note:

Noisy environment
Many nearby wifi, bluetooth, cellular radios
Line-of-sight between radios for tests