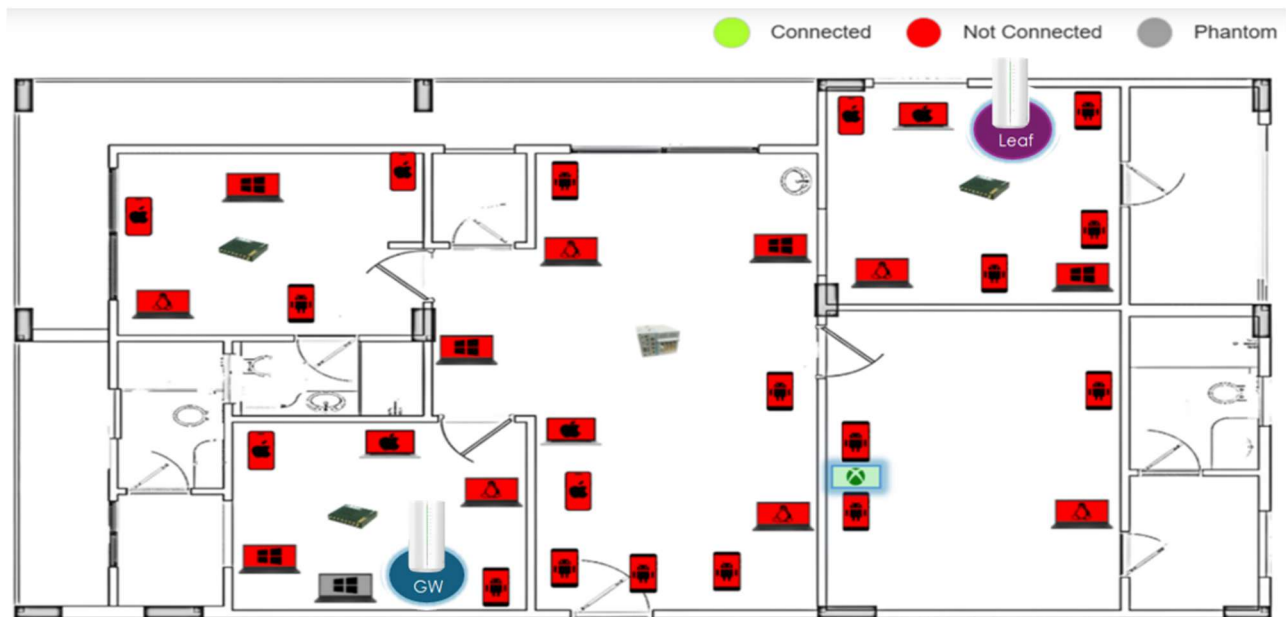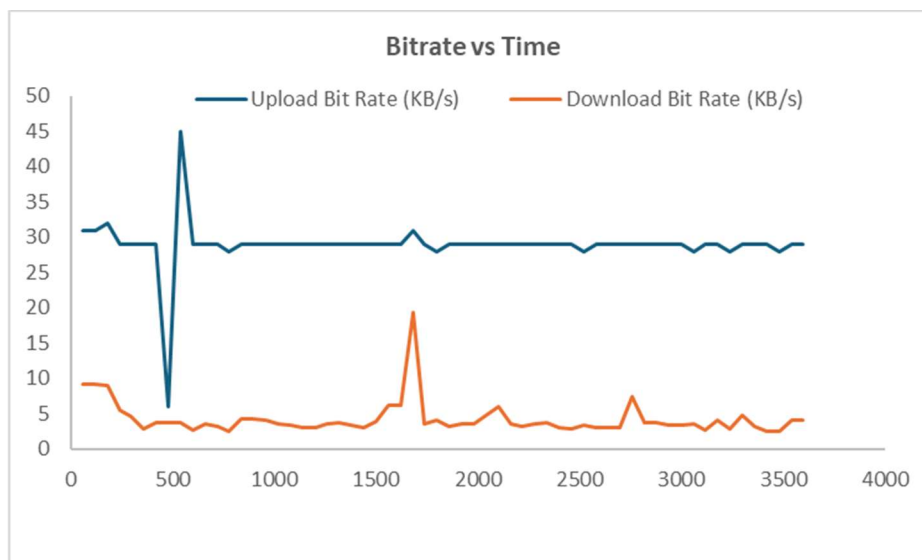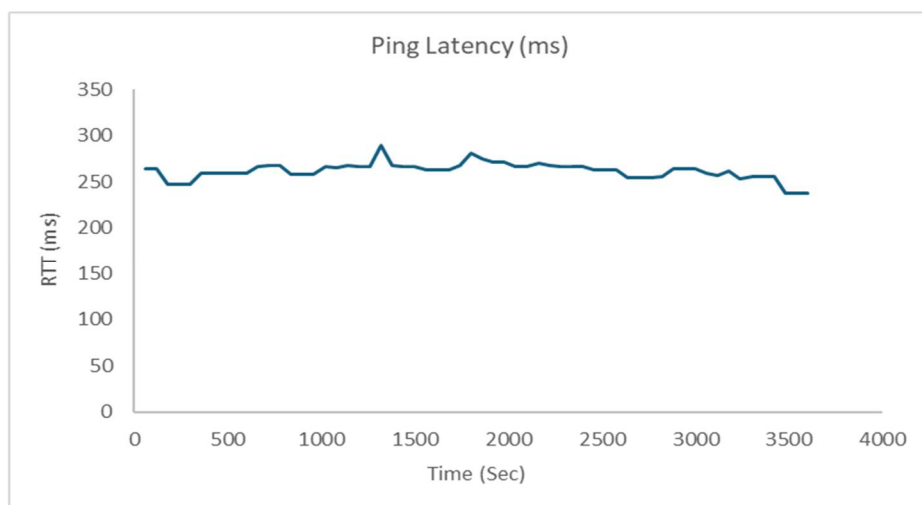# Online Gaming Evaluation:

Test Description:

- Connect a gaming console (Xbox Series) to the network.
- Measure baseline network latency and record results while playing a game for a 60-minute duration.

Connected Devices:

Test Results:

Time (sec)	Ping Latency (ms)	Download Bit Rate (KB/s)	No of Downloaded Packets in that Second	Upload Bit Rate (KB/s)	No of Uploaded Packets in that Second	Upload Packet Loss	Download Packet Loss
60	264	9.21	5	31	43	0	0
120	264	9.21	5	31	43	0	0
180	247	8.98	5	32	36	0	0
240	247	5.49	5	29	39	0	6
300	247	4.57	5	29	42	0	6
360	259	2.78	5	29	37	0	0
420	259	3.7	5	29	48	0	0
480	259	3.7	5	6	48	4	0
540	259	3.7	5	45	48	4	0
600	259	2.63	5	29	44	6	0
660	267	3.52	28	29	48	0	0
720	268	3.12	15	29	44	0	0
780	268	2.51	15	28	38	19	0
840	258	4.32	15	29	41	0	6
900	258	4.32	15	29	41	0	0
960	258	4.04	757	29	43	4	0
1020	266	3.56	194	29	34	0	0
1080	265	3.39	36	29	39	0	0
1140	268	2.98	2	29	34	0	0
1200	266	2.95	6	29	35	0	0
1260	266	3.58	37	29	32	0	0
1320	289	3.73	1500	29	35	0	0
1380	268	3.32	28	29	36	0	0
1440	266	3.01	136	29	39	0	0
1500	267	3.83	26	29	32	0	0
1560	263	6.25	192	29	35	0	0
1620	263	6.25	192	29	35	0	0
1680	263	19.26	1.91	31	31	0	0
1740	268	3.59	1.91	29	50	46	0
1800	281	4.14	1.91	28	34	46	0
1860	275	3.25	1.91	29	37	0	0
1920	271	3.52	1.91	29	44	0	0
1980	271	3.52	1.91	29	44	0	0
2040	266	4.73	1.91	29	33	46	0
2100	266	5.94	1.91	29	40	0	0
2160	270	3.56	1.91	29	39	0	0
2220	268	3.23	2.02	29	33	46	0
2280	266	3.56	2.4	29	40	0	0
2340	267	3.7	1.96	29	34	0	0
2400	267	2.97	1.96	29	37	4	0
2460	263	2.8	1.96	29	38	0	0
2520	263	3.39	1.96	28	44	0	0
2580	263	3.09	1.96	29	44	0	0
2640	254	3.07	1.96	29	47	0	0
2700	254	3.07	1.96	29	47	0	0
2760	254	7.43	1.95	29	33	0	0
2820	256	3.65	1.95	29	49	15	0
2880	264	3.65	1.95	29	42	4	0

2940	264	3.37	1.95	29	49	0	0
3000	264	3.4	1.95	29	43	0	6
3060	259	3.55	88	28	47	0	0
3120	257	2.67	52	29	41	0	0
3180	262	4	3	29	43	0	0
3240	253	2.92	3	28	43	9	0
3300	256	4.79	157	29	43	46	0
3360	255	3.17	157	29	52	46	0
3420	255	2.54	157	29	45	46	0
3480	238	2.55	83	28	43	46	0
3540	238	4	83	29	41	0	6
3600	238	4	83	29	41	0	0
Average	263.95	4.51	74.54	28.75	39.95	7.38	0

Observations for Online Gaming Evaluation Test:

- There are no disruptions in the gameplay during the entire test.
- Observed average latency of 264ms.