RCOTSAI Data for Analysis

4G Speed Test Data Independent variables (blue)	Speed Test One	Speed Test Two	Speed Test Three	AVG Speed Test Data	PASS SCORE NEEDED	Test Vehicle A	Test Vehicle B	Test Vehicle C	PERCENTAGE	Observational behaviors
4G Test Location 1 (high) Speed Test Data	44.46/17.56	48.44/16.42	52.61/17.58	48.50/ 12.06	22.76/					Smooth remote connection and was stable, it also had great speeds and location!
4G Test Location 2 (medium) Speed Test Data	14.39/6.40	10.44/6.26	11.37/5.87	18.1/14.61	8.866/					Speeds seemed to improve as testing reached the road where Test Vehicle C was parked. Sample data was collected from the Test Vehicle A area location 30 feet away. Thus, we can conclude either 4G improved or Baseline was saturated.
4G Test Location 3 (low) Speed Test Data	37.71/16.97	33.39/10.84	32.10/11.29	34.4/13.03	16.866					The FCC map showed we should have the leased 4G signal. Turned out this was the middle of the road for the data.
4G Test Location 1 (high) Threat Vector Evaulation						35.95/17.34	35.75/18.16	43.29/16.55	100% Pass	Smooth connection and data gathering!
4G Test Location 2 (medium)Threat Vector Evaulation						5.62/5.26	19.27/15.96	22.83/15.05	66.7% Pass	Speeds seemed to improve as we got closer to Test vehicle C from baseline, Speeds were super slow here, which would make a great sample for a low-speed area!
4G Test Location 3 (low) Threat Vector Evaulation						31.07/5.88	27.11/6.25	26.13/13.58	100% Pass	Speeds seem faster when the FCC map shows the connection should be spotty. 5G had 4 bars, and 4G was strong than predicted.
Threat Vector Pass Score Greater than or equal to: 9.8Mbps or between 9.8Mbps and AVG Speed Test Data Speed with Formula Adjustment										
Threat Vector Fail Score <9.8Mbps and < Avg Speed Test Data Speed with Formula Adjustment.										
1GB File Transfer VIA WiFi Router Test Speed Test Data 150 Feet away	6.11	6.36	6.26	6.24	3.067/s					
ReTEST 2 1GB File Transfer VIA WiFi Router Test Speed Test Data 150 Feet away	8.08	7.83	8.11	8.006	3.922/s					
Test Reconnaissance Platform Evaulation for (RCOTSAI)						4.91	1.47	1.33	33.3% Pass	Test Vehicles B and C had issues overheating RCOTSAI, Results should be viewed as a false negative. Recommended redesign to include Fan for active cooling of RCOTSAI. Test Vehicle B, RCOTSAI, froze due to high heat, and the test had to be restarted. Before Test Vehicle C, I let RCOTSAI cool for 5 mins and then ran the test.
ReTest Reconnaissance Platform Evaulation for (RCOTSAI)						7.56	7.67	7.86	66.7% Pass	Retest for WIFI due to false negative results from the previous test due to overheating. The addition of active cooling was added to RCOTSAI.

Reconnaissance Platform Pass Score Greater than or equal to: (P)
Reconnaissance Platform Fail score <(P)