



Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
Πολυτεχνική Σχολή

Δίκτυα Υπολογιστών II

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1 G1

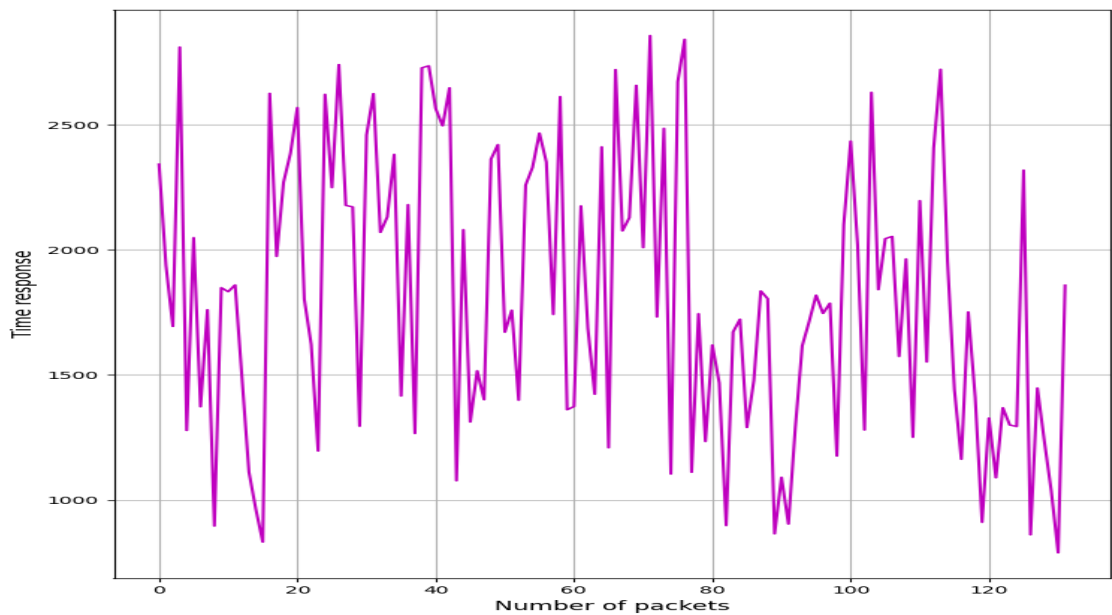


Figure 1: G1. 25/11/2020 22:32-22:36 Echo request code: E8142

2 G2

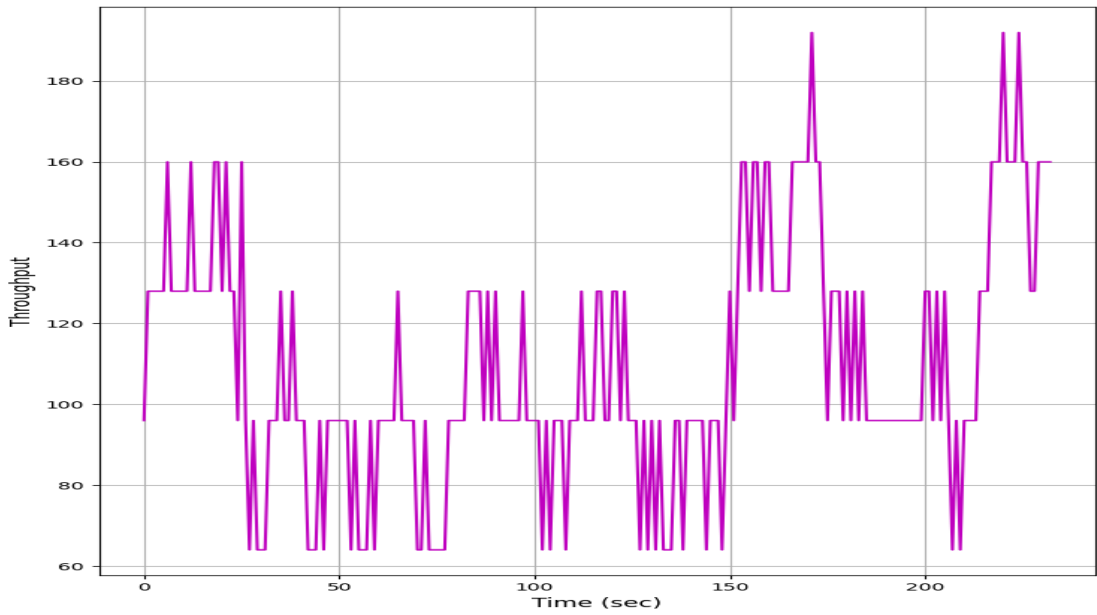


Figure 2: G2

3 G3

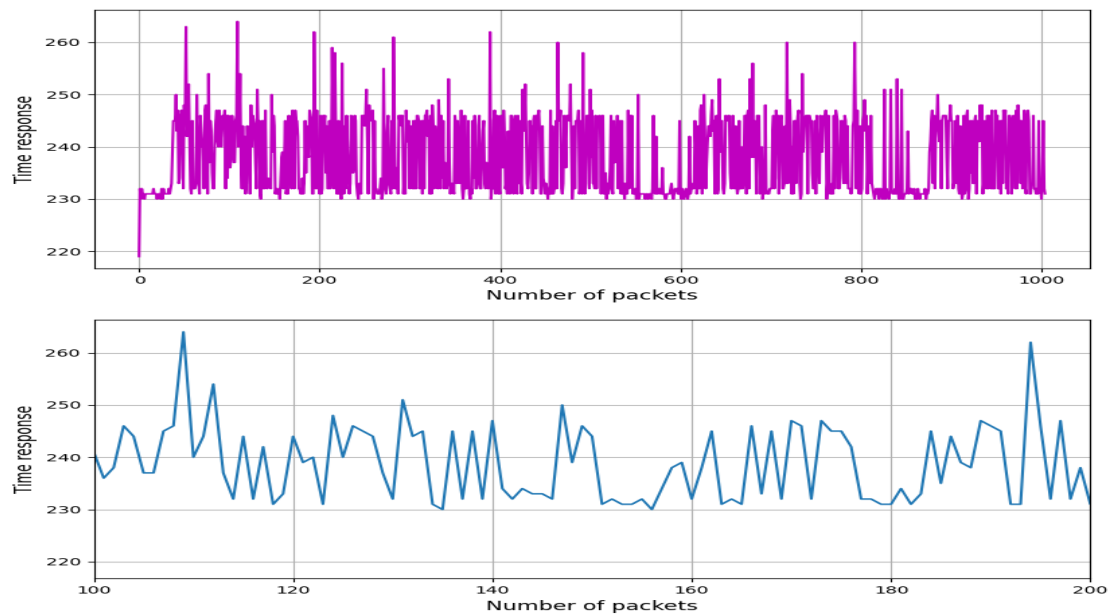


Figure 3: G3. Zoom in (below figure)

4 G4

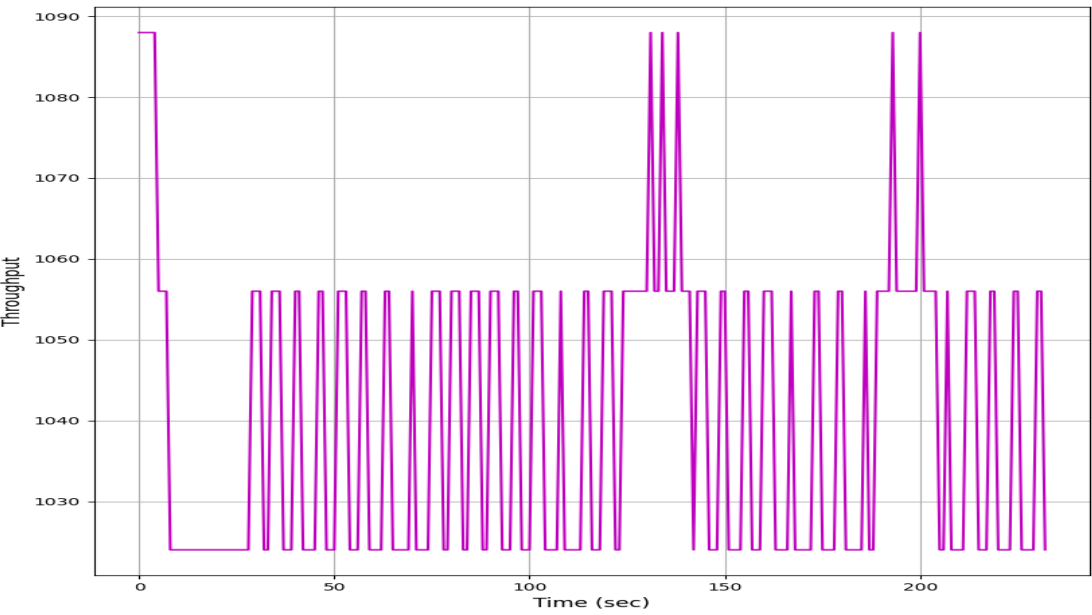


Figure 4: G4

5 G5

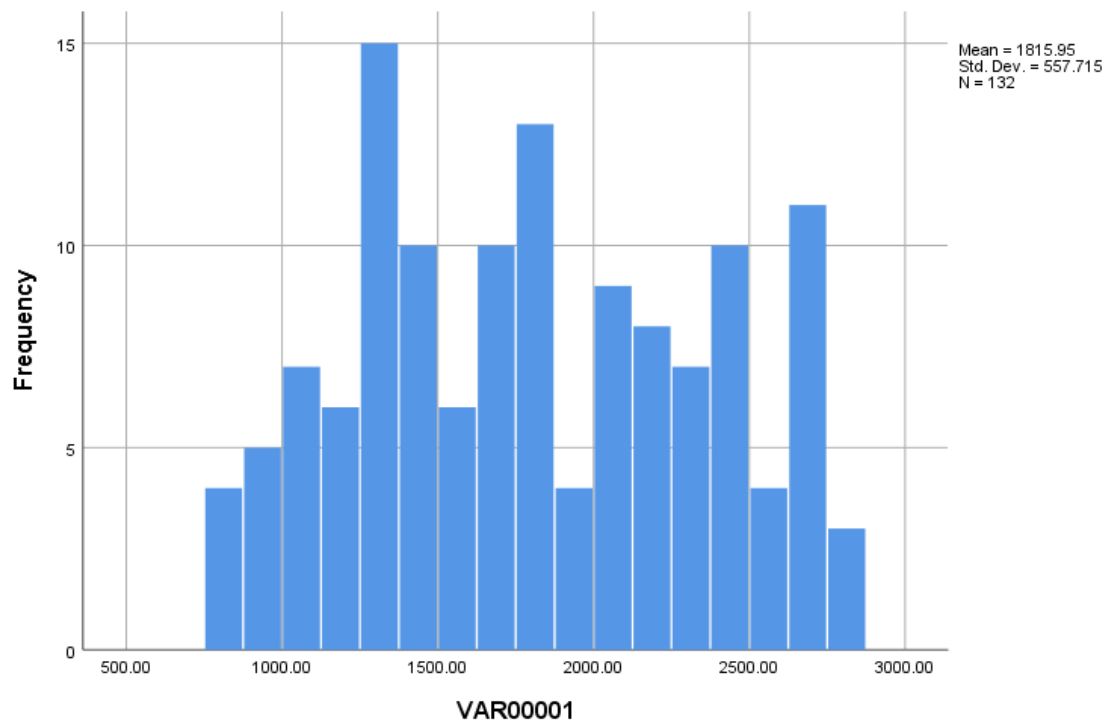


Figure 5: G5 histogram samples with delay

6 G6

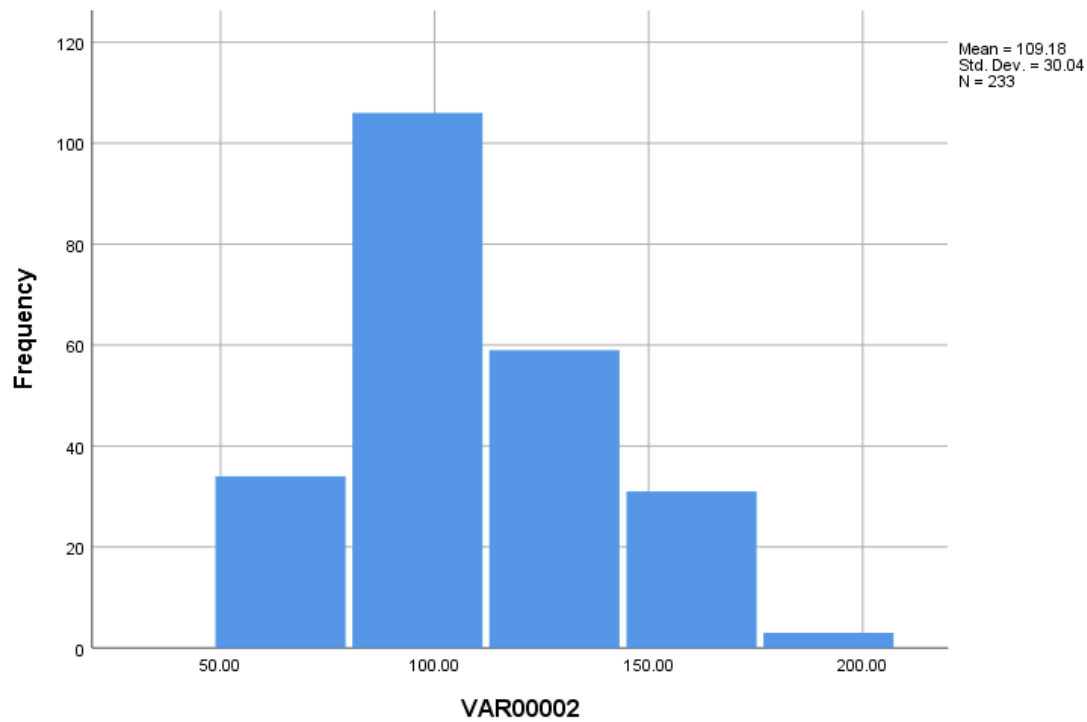


Figure 6: G5 histogram throughput with delay

7 G7

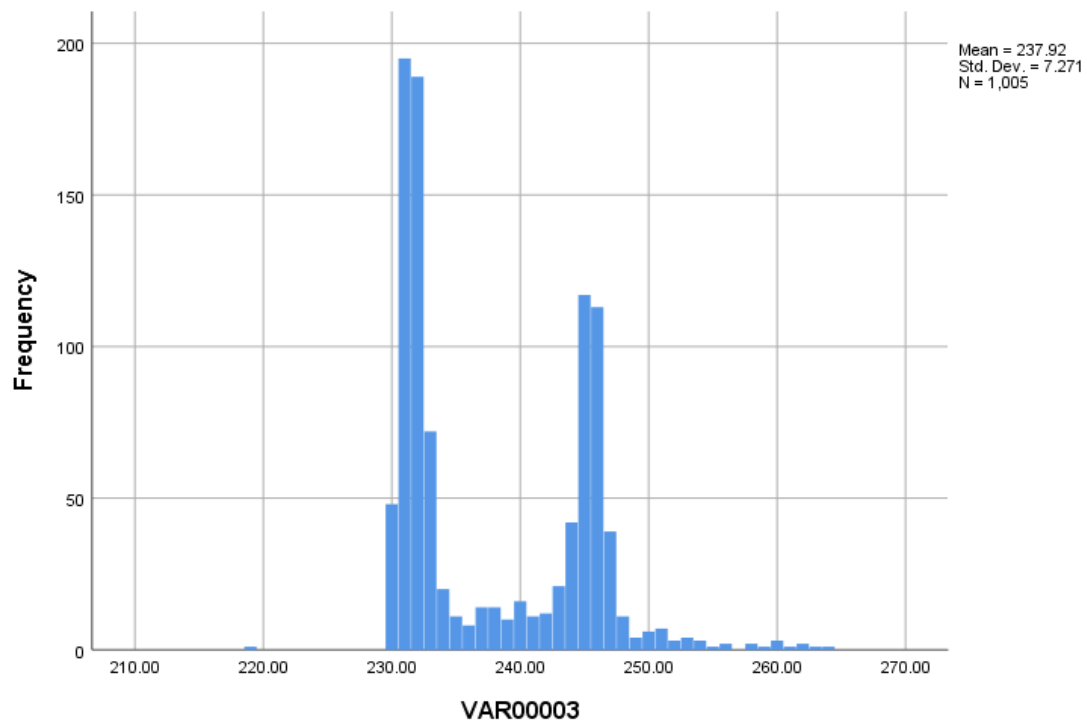


Figure 7: G5 histogram samples with no delay

8 G8

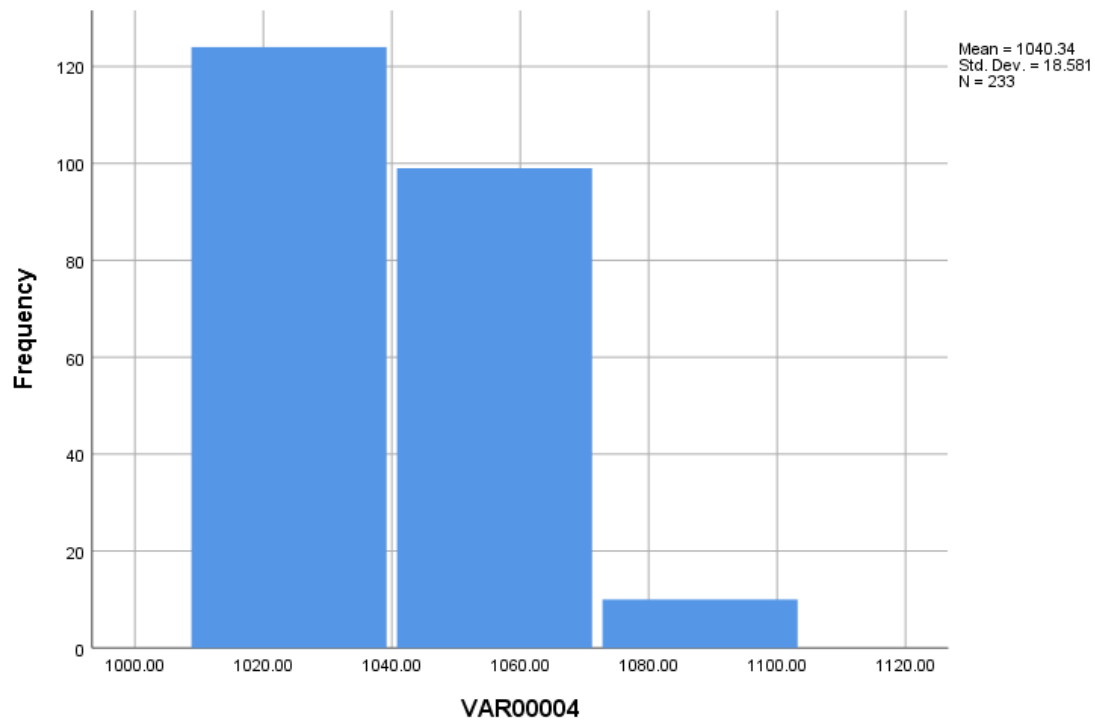


Figure 8: G5 histogram throughput with no delay

9 R1

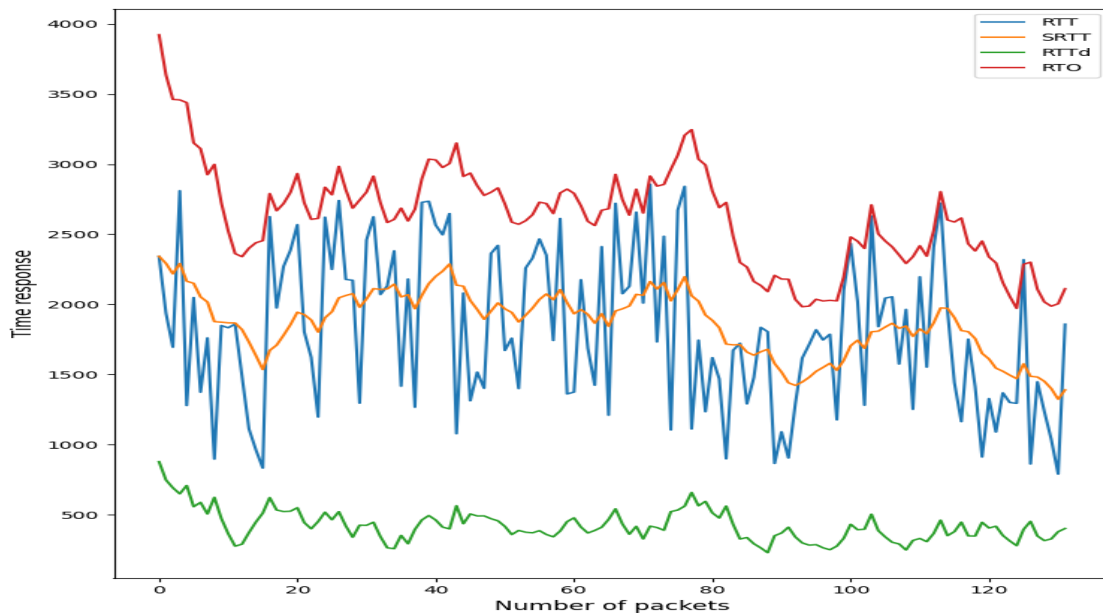


Figure 9: Retransmission timeout

10 Tone frequency

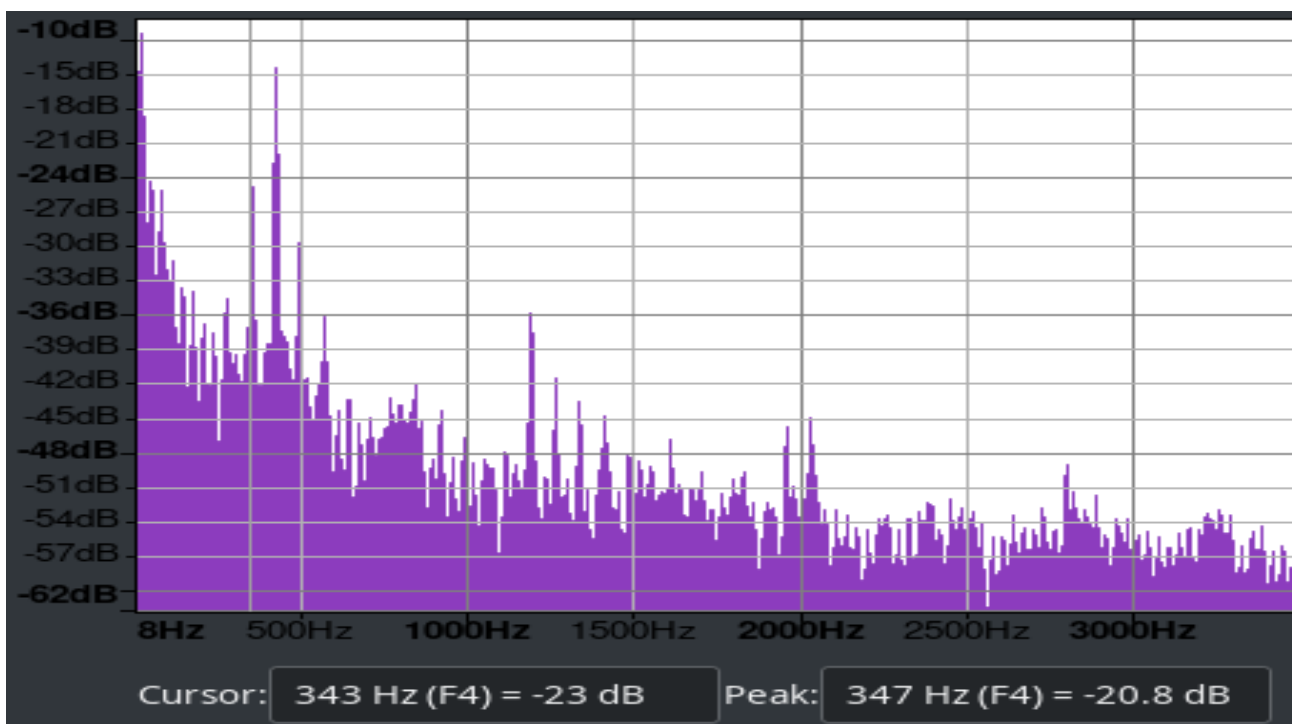


Figure 10: Frequency spectrum, 421 Hz and 343 Hz

11 E1



Figure 11: E1 Image code: M4898, 25/11/2020 22:44

12 E2



Figure 12: E2 Image code:M5983CAM=PTZ

CAM=PTZ M5983 2020-11-26T18:54:05.822247 2020-11-26T18:54:07.481316

Το στρίψαμε και λίγο γιατί έδειχνε στον τοίχο. Αξίζει να σημειωθεί ότι χρειάζεται να επέλθει καποιος χρόνος για να γίνει το readjust. Παρατηρούμε ότι σε αυτήν την κάμερα υπάρχει ένα offset 4-5 λεπτών απο αυτήν που απεικονίζεται στην εικόνα. Δοκιμάζοντας το για αρκετές εικόνες φαίνεται όντως να υπάρχει μια καθυστέρηση σε εκείνο το ρολόι σε σχέση με το FIX

13 Temperature

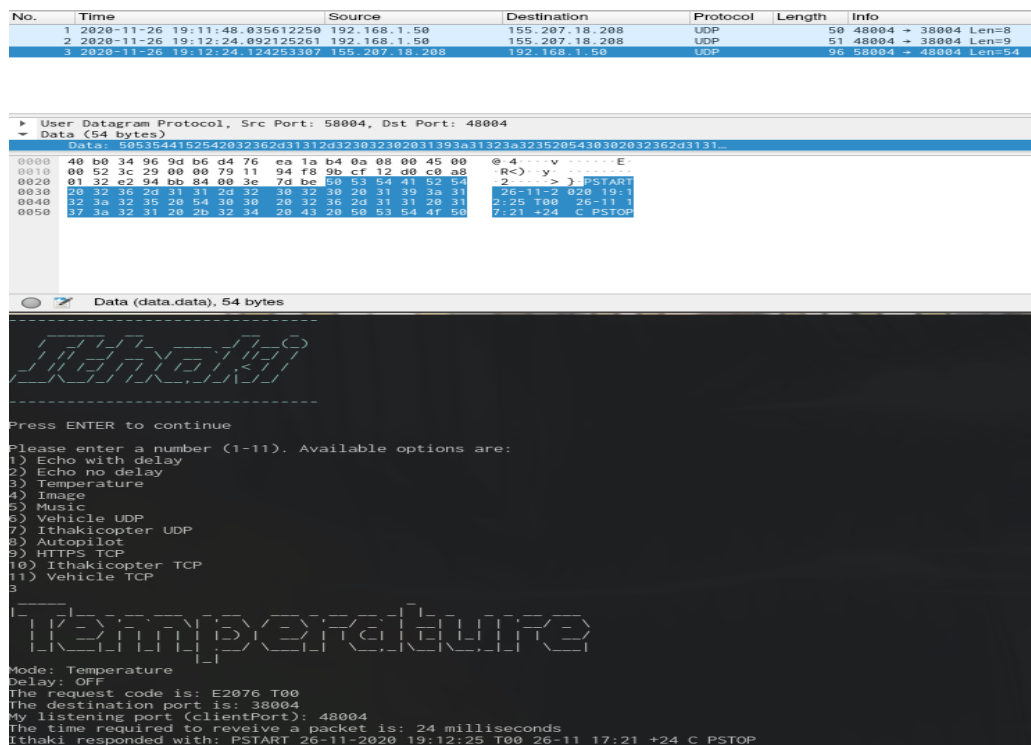


Figure 13: Temperature

Request code: E2076 T00 Info Temperature app: 2020-11-26T19:12:24.081612 2020-11-26T19:12:24.132789

14 G9

15 G10

16 G11

2020-11-26T02:45:47.961502 2020-11-26T02:46:23.588615 code: A1275 AQDPCM type F, L22

17 G12

18 G13

DPCM type F 2020-11-26T02:41:10.482168 2020-11-26T02:41:46.461623 code: A1275 L22

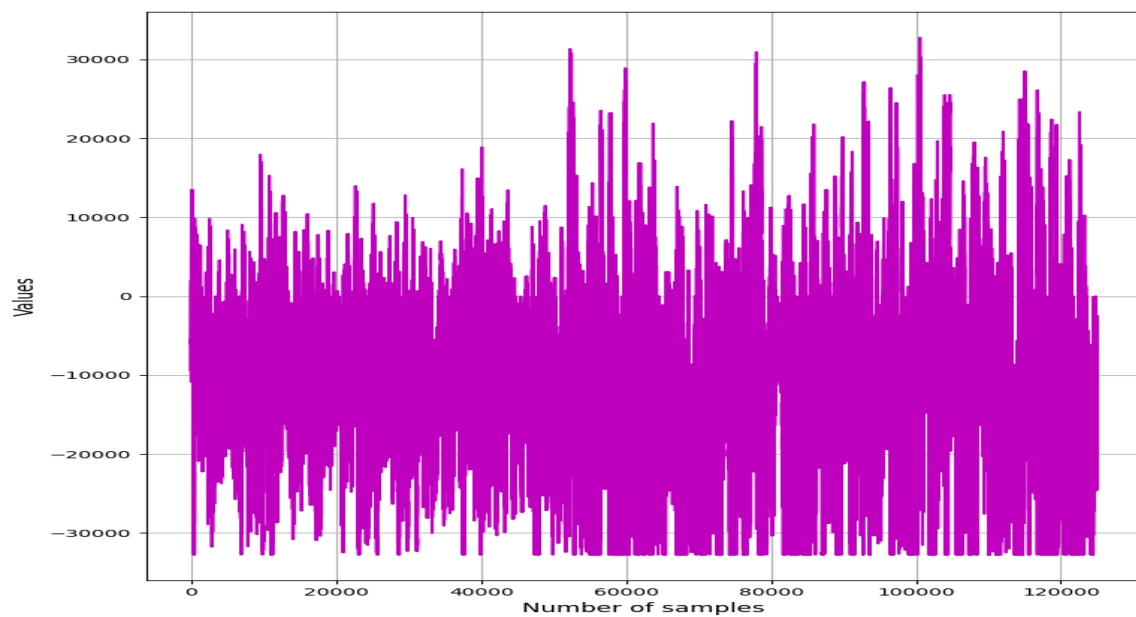


Figure 14: G9 AQDPCM samples waveform, code: L22A8610AQF500, time: 25/11/2020 22:47

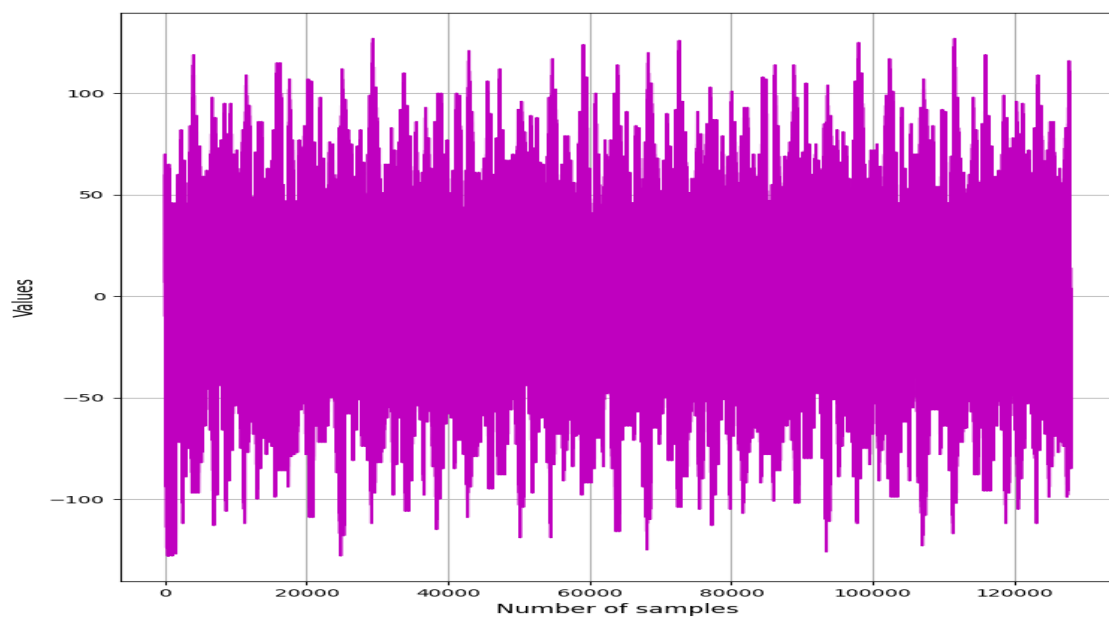


Figure 15: G10 DPCM samples waveform Tone,2020-11-26T02:14:33.921607, code: A1275 DPCM Type:T

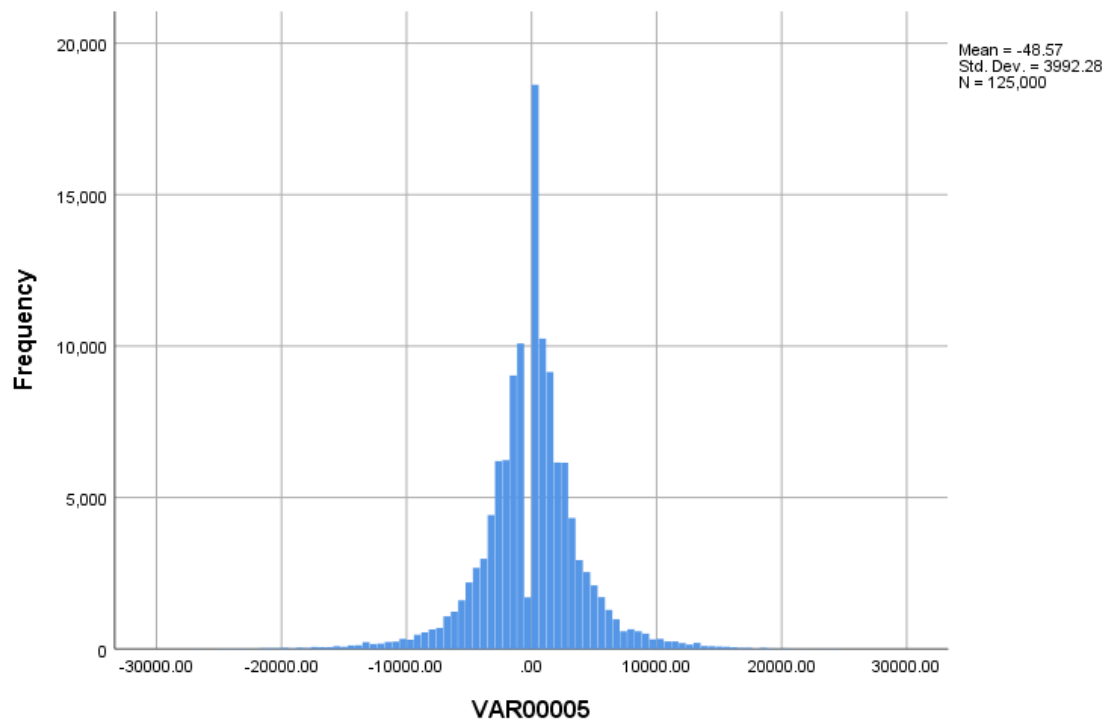


Figure 16: G11 AQDPCM diff samples

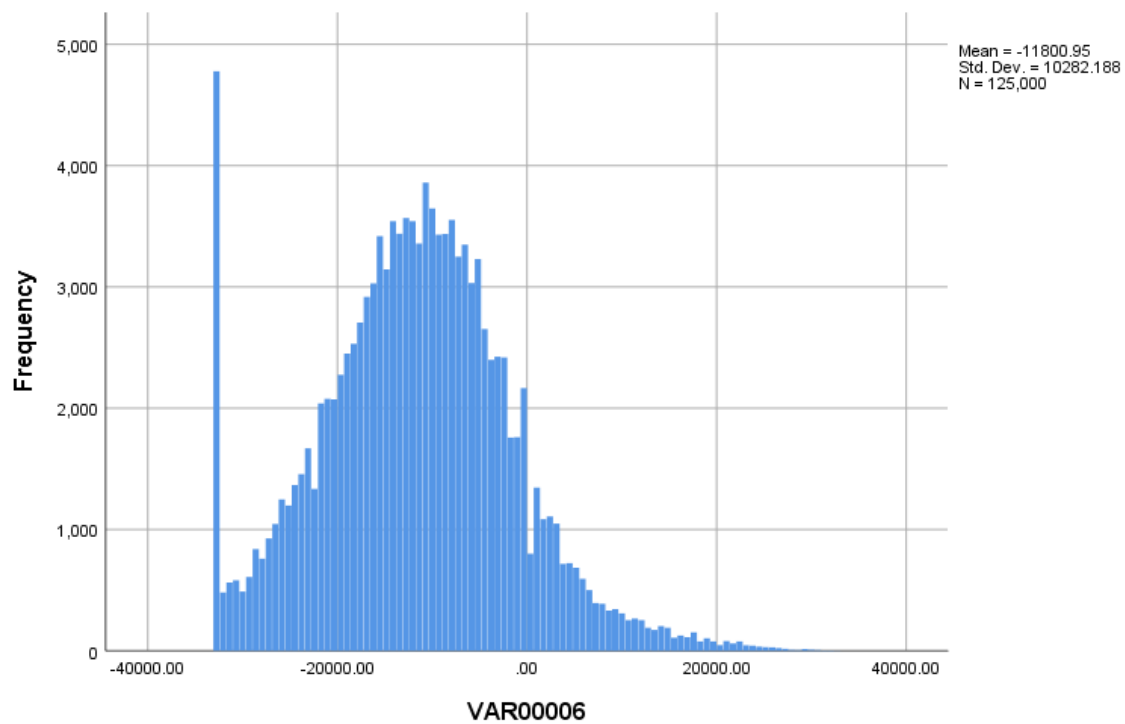


Figure 17: G12 AQDPCM samples

19 G14

20 G15

21 G16

22 G17

23 G18

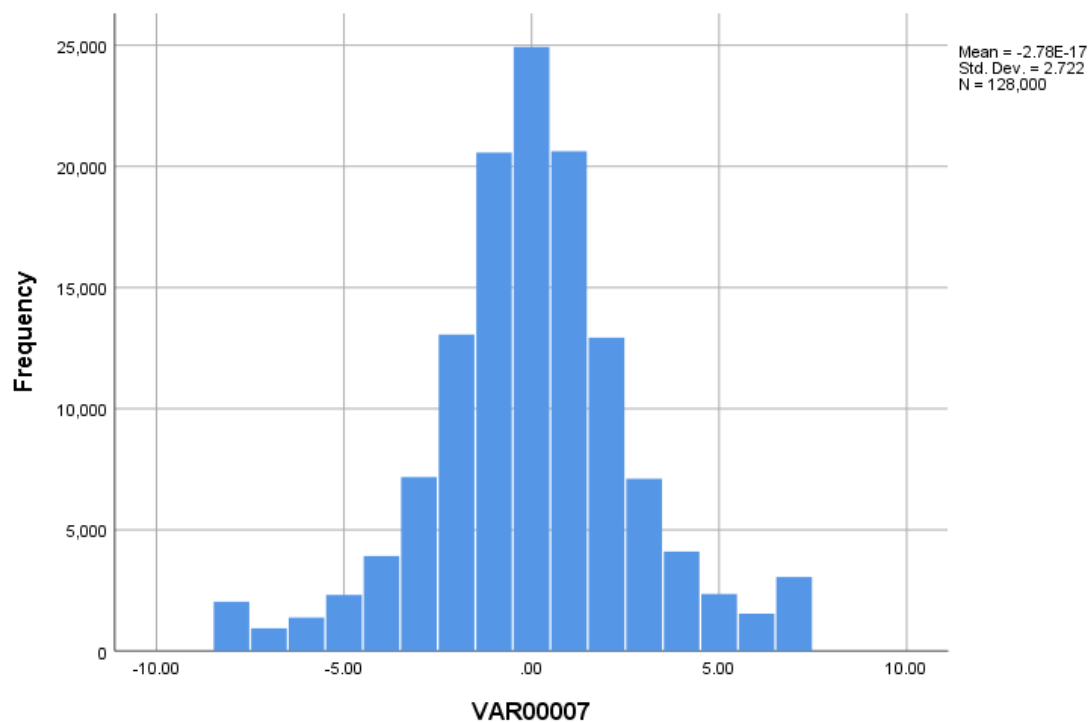


Figure 18: G13 DPCM diff samples

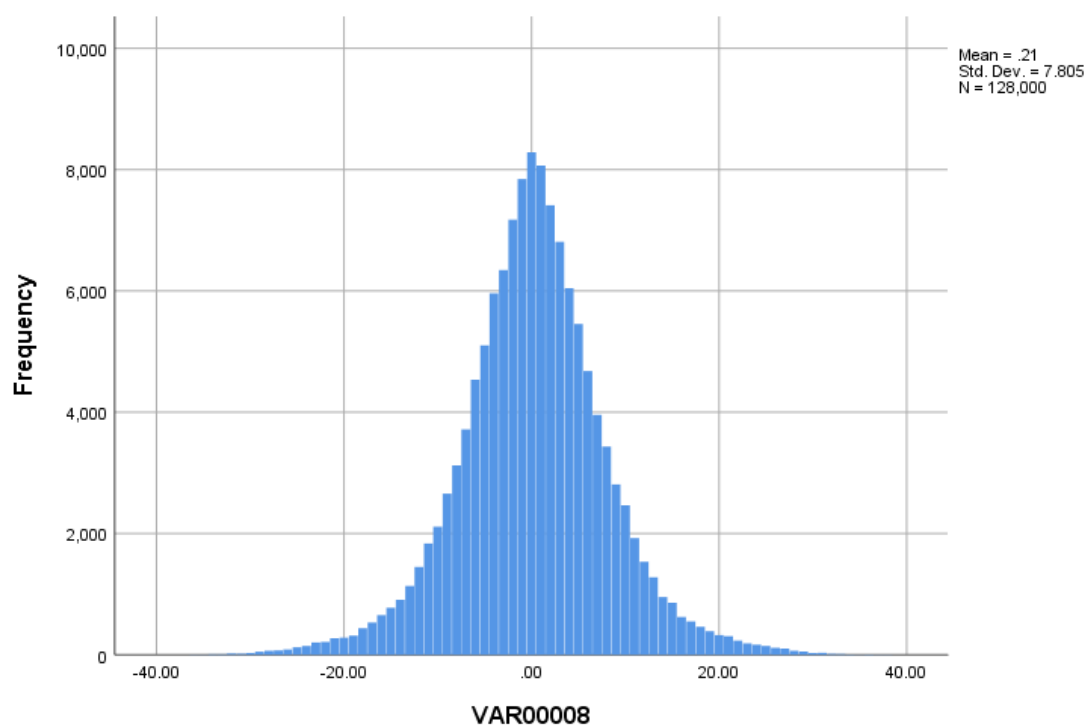


Figure 19: G14 DPCM samples

25 G20

Info Ithakicopter app: 2020-11-26T19:26:39.407225 2020-11-26T19:27:57.238542

Μια αρκετά πιο ενδιαφέρουσα προσέγγιση αφήνοντας να τρέξει το copter λίγο παραπάνω παρατηρούμε την προσπάθεια του autopilot παρά τις πιθανόν διάφορες εντολές που λαμβάνει απο άλλους χρήστες να προσπαθεί να πιάσει το επιθυμητό flightlevel

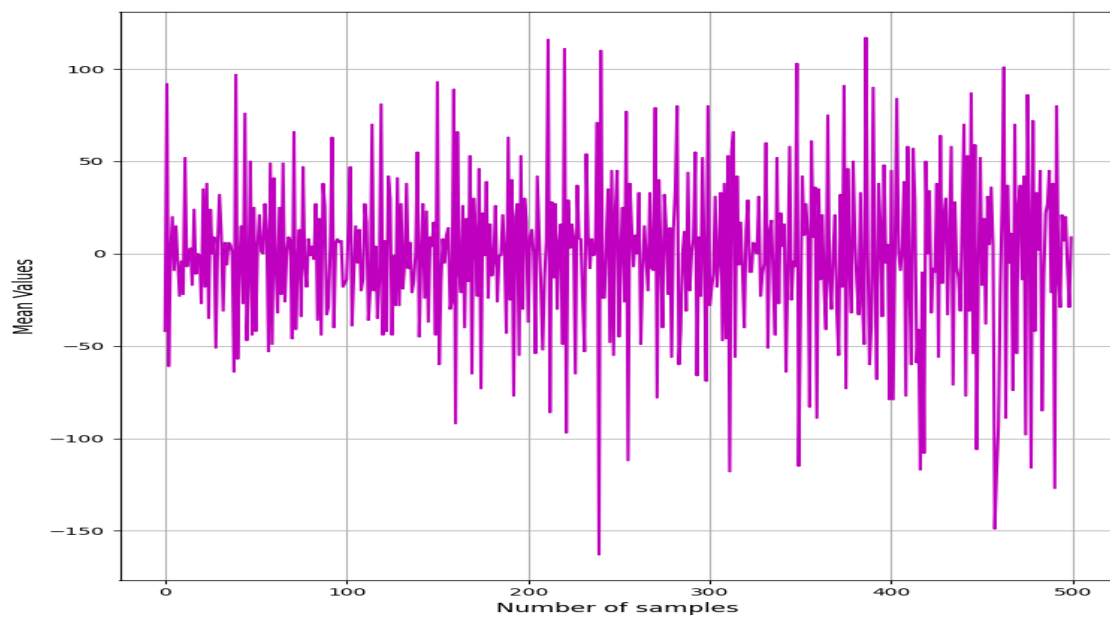


Figure 20: G15 Mean 1st clip 2020-11-26T02:45:47.961502, code: A1275 AQDPCM Type:F, L22

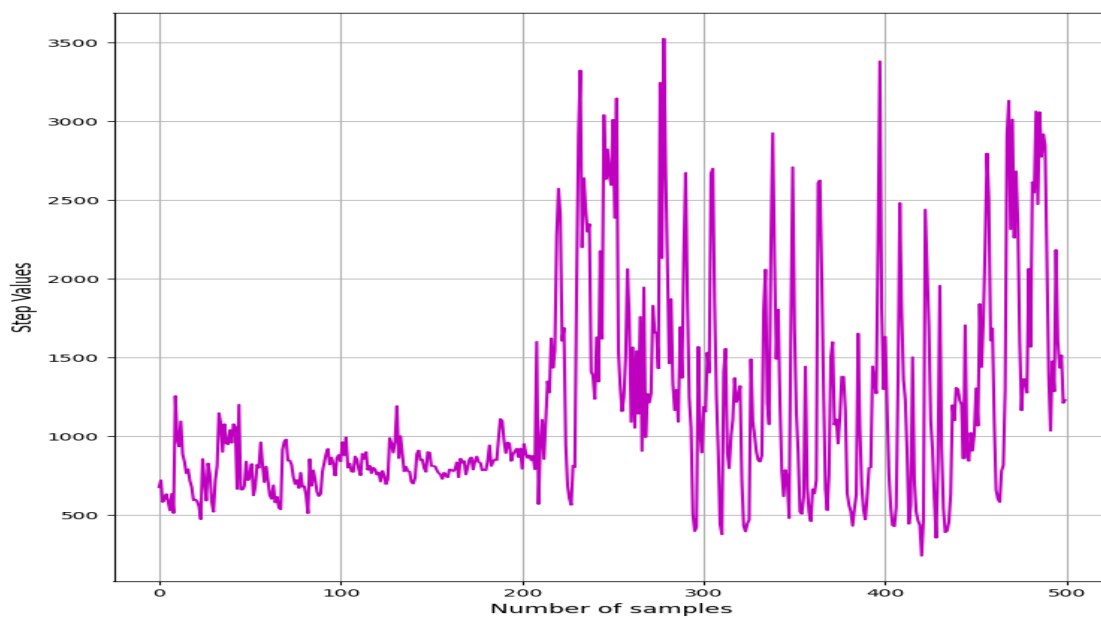


Figure 21: G16 Step 1st clip 2020-11-26T02:45:47.961502 code: A1275 AQDPCM Type:F, L22

26 G21

Info Vehicle app: 2020-11-25T22:58:42.235997 2020-11-25T23:02:42.512168

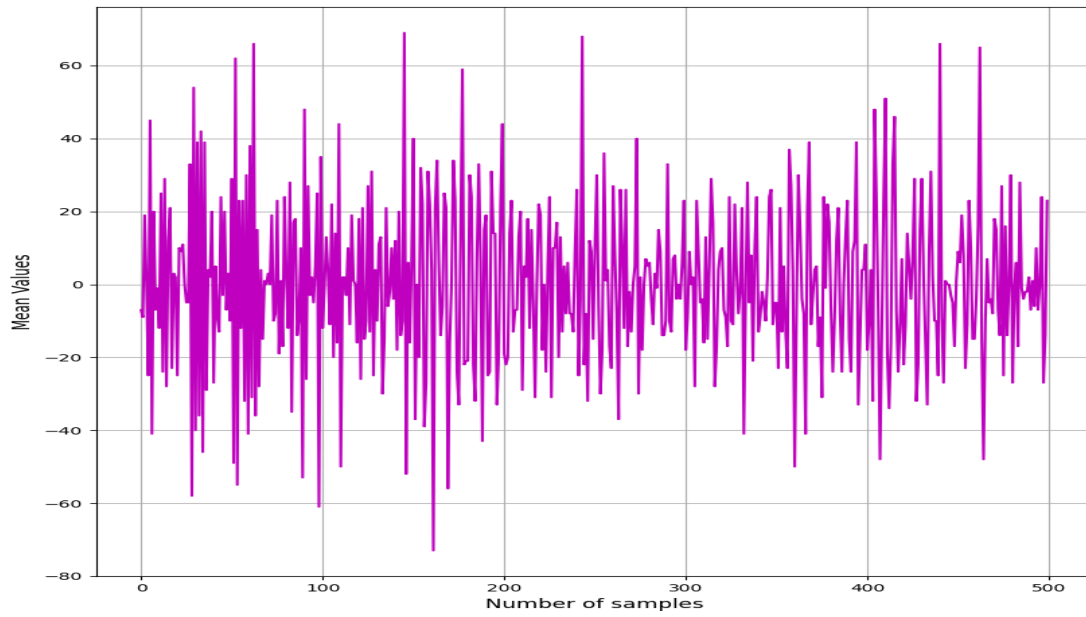


Figure 22: G17 Mean 2nd clip 2020-11-26T14:45:39.638111 L11 AQDPCM type F

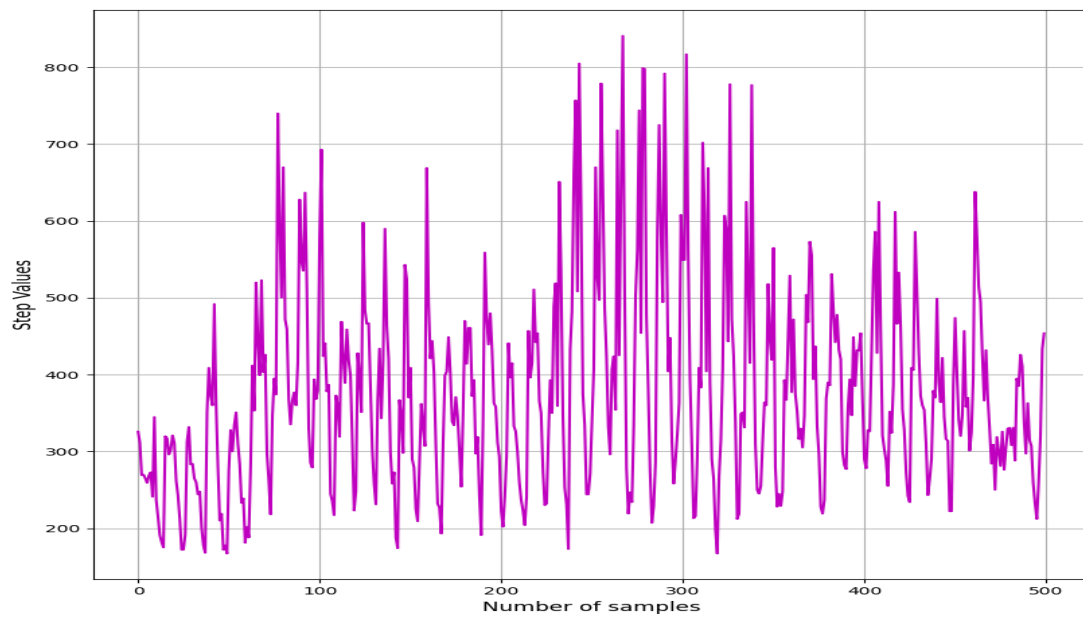


Figure 23: G18 Step 2nd clip 2020-11-26T14:45:39.638111 L11 AQDPCM type F

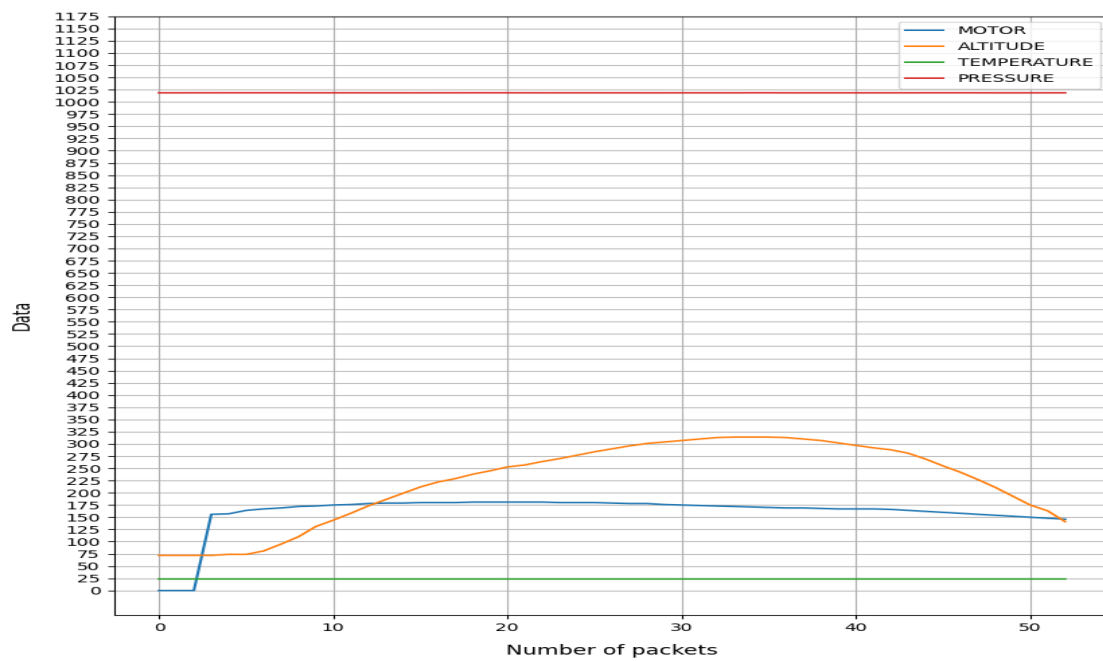


Figure 24: G19 Flightlevel περίπου 300

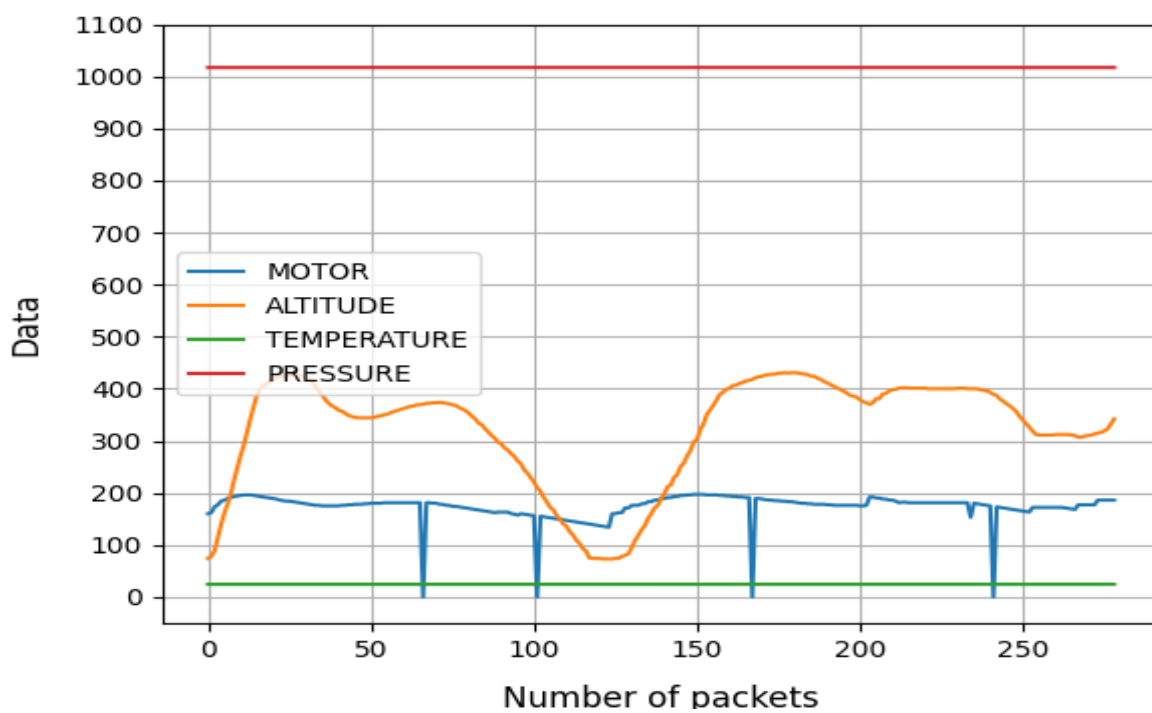


Figure 25: G20 Flightlevel περίπου 400

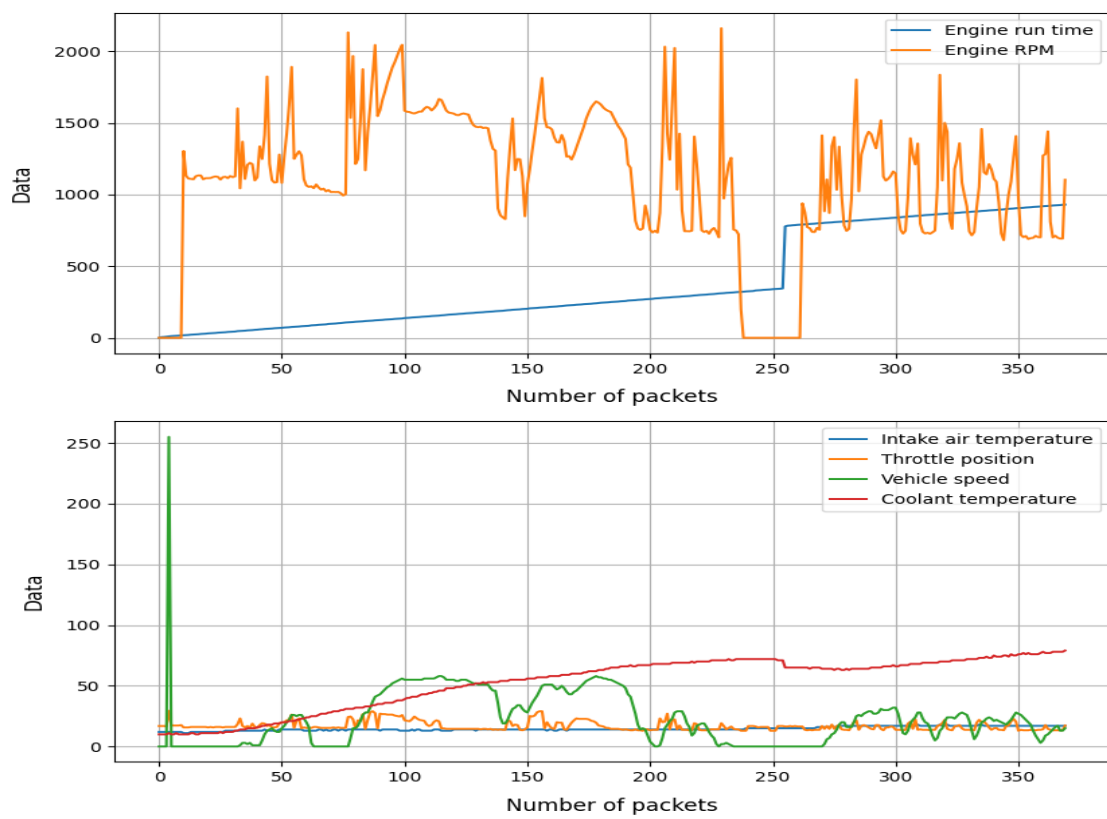


Figure 26: G21 Vehicle OBD