

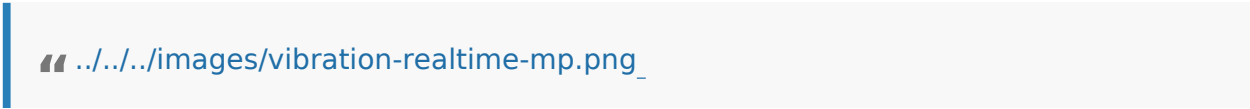


```
[copy [wiki] = "cop[rover,dev,sub,planner"]]
```

[illegible]



 .
 HUD
 "Vibe"
 .



30m/s/s . 30 / 60 /

Vibe

--	--	--	--	--	--	--	--

□□ access-date=□□□□ (□□) Vibe □□□□ 30m/s/s

-  ()  ,  **  **
-  VIBE  X,  Y  Z . 
 /  , 3DR IRIS 15m/s,
 30m/s/s  30m/s/s()
-  Clip0  Clip1  Clip2  ,   (16G) 
 , (< 100)     **
 **

../../../../images/mp_vibe_dataflash_msg.png

XXXXXXXXXXXXXXXXXXXX XXXXX

../../../../images/mp_measuring_vibration_bad_vibes.png

XXXXX Malay XXXXXXXXXXXXXXX [APXXXXX.cpp](#) calc XX clipping()
XXXX ,XXXX ,XXXX XXXXXXX :

- XX IMU XXXX x y z XXXX
- XXXX 5hzXXXX ,XXXX XXXX x,y z XX “accel vibe floor”
- XXXXXXX accel vibe XX .
- XXXXX , 2hz XXXX ,XXXX XXX (x y z) XXXX VIBE msg XX
VibEX, Y Z XXX

XXXXXXXXXXXX ,XXXXXXXXXXXX . XXXX 0, XXXXXXXXXXXXXXX IMU

XXXXX ,XXXXXXXXXXXX :

“ XX X Y XXXX ,XXXXXXXXXXXX . XXXXXXX /
XXXXXXXXXXXX XXX FC XX X OR Y XXXX ,XXXXXXXXXXXX XXX FC
XXX XXXXXXX FC XXXX XXX ,XXXXXXXXXXXX
XXXXXXXXXXXX XXXX Z XXXX ,XXXXXXXXXXXX (bent label)
XXXXXXXXXXXX

XXXXXXXXXXXX /XXXXXXXXXXXX . XXXXXXXXXXXXXXX ,XXXXXXXXXXXX ,
XXXXXXXXXXXX ,XXXXX ,

XX “XX ”

XX XXXXXXXXXXXXXXX ,XXXXXXXXXXXX ,XXXXXXXXXXXX XXXXXXX ,
XXXXXXXXXXXX (XXXX AHRS EKF)XXXXXXXXXXXX ,XXXXXXXXXXXX
XXXXXXXXXXXX

- XXXXXXX ,XXXXXXXXXXXX
- XX A HRS2. Roll, NK1[0]. XX NK1[1]. XXXX E F2 AHRS2. XX ,XKF1 [0] (XX
(XX)). XXXX XKF1[1]. XXXX EKF3 XX

XXXXXXXXXXXX ,XXXXXXXXXXXX

../../../../images/vibration-measuring-leans.png

FFT

IMU FFT, ** "Raw IMU" **

IMU

Vibe ArduPilot IMU

- **LOG BITMA 1920K** IMU ,
- ()
- ** "a" "
- ()
- # 1 1.log
- IMU AccX AccY AccZ
- [DiagnosingWithLogs_Vibes](#)
- 3 3 -15 -5.
- ** **
- ()
- " " APM CPU ,

ArduPilot Copter Measuring Vibration · CC BY-SA 3.0

- #2
- Admin 2026-10-09 14:37:18 UTC
- Admin 2026-10-10 01:45:04 UTC