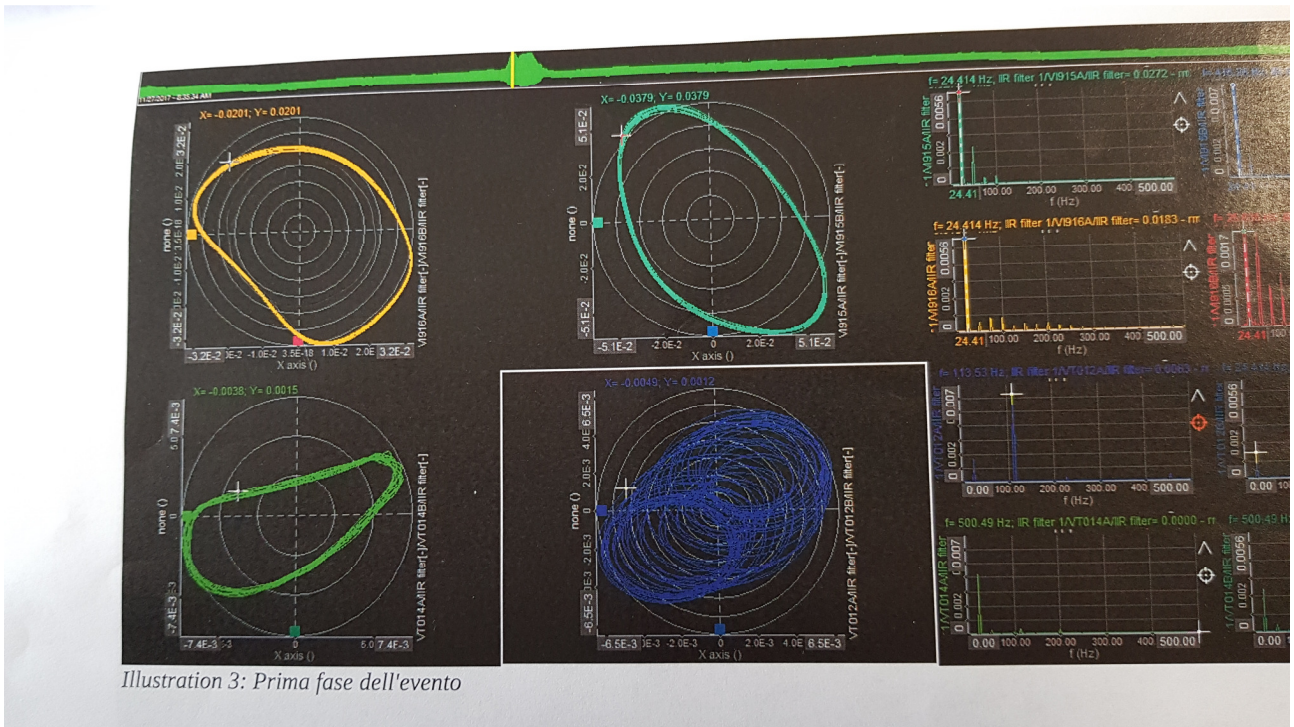**Figura 1 Before the problem**

Illustration 3: Prima fase dell'evento
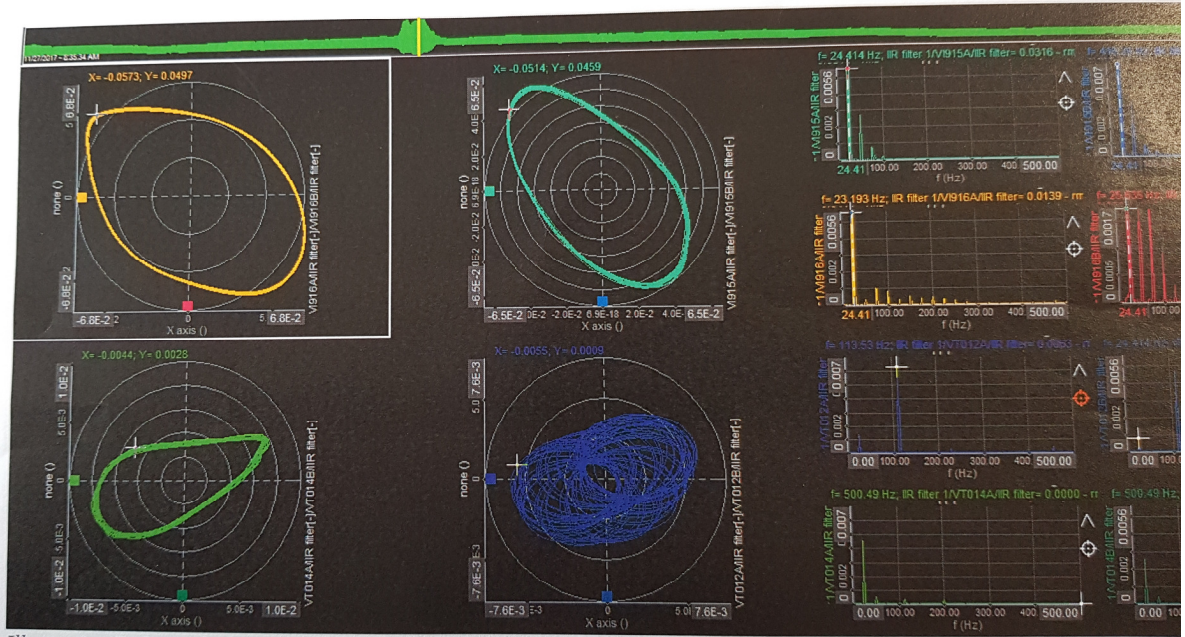
Figura 2 During vibration 1

Illustration 5: Seconda fase evento

Figura 3 During vibration 2