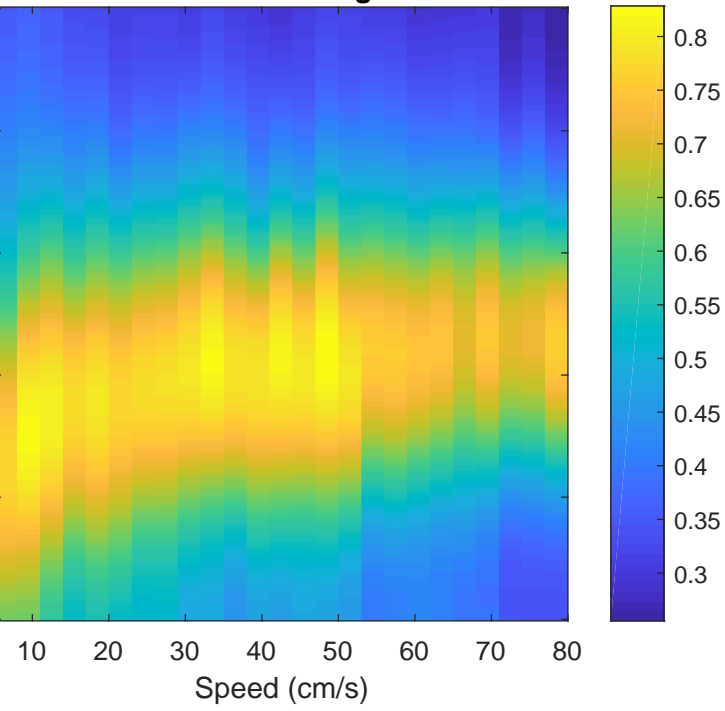
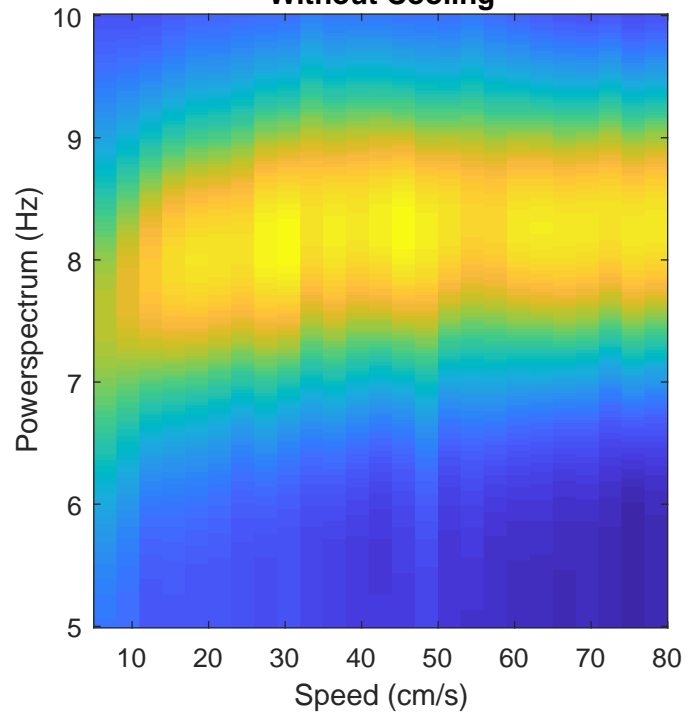


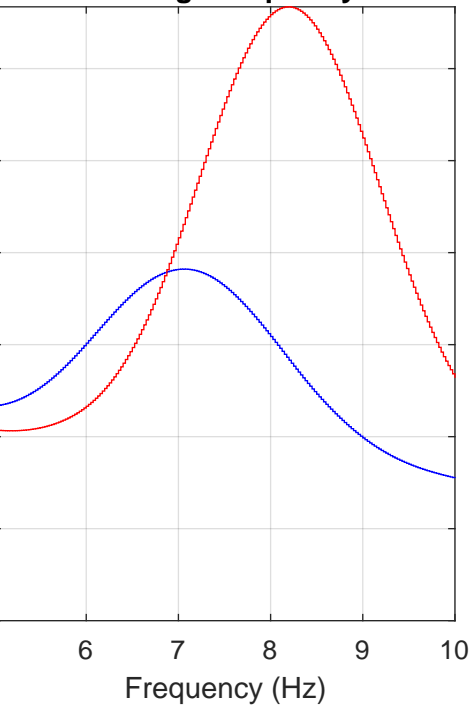
**With Cooling**



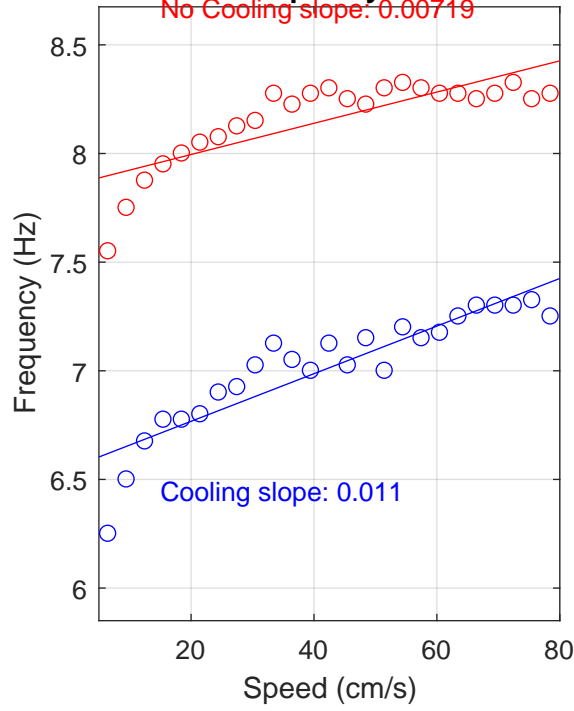
**Without Cooling**



**Average frequency**



**Peak frequency of theta**



**Amplitude theta**

