



**Tecnológico  
de Monterrey**

Procesamiento de imágenes médicas para el diagnóstico

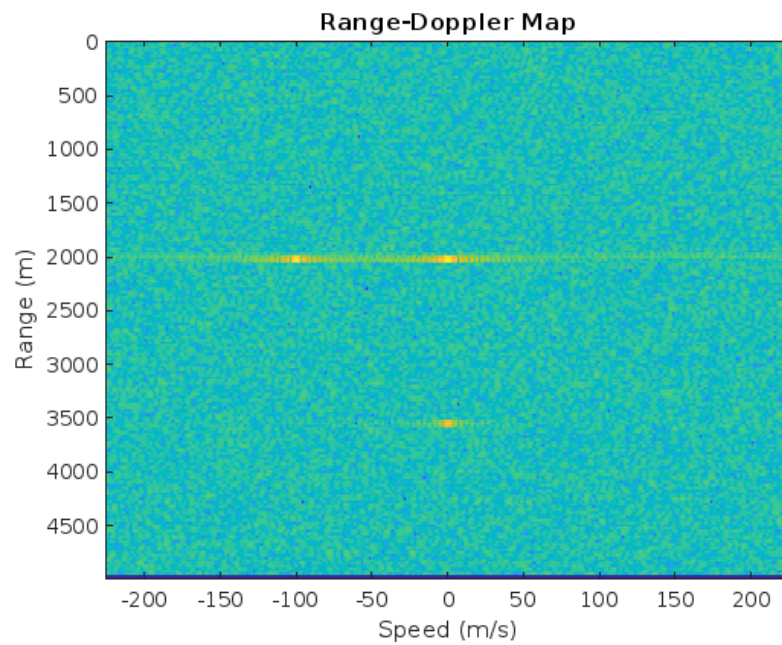
Doppler response Laboratory

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## 1. Range-Doppler response using matched filter.



## 2. Estimate Doppler and range from range Doppler response.

“The target is approximately 2250 meters away and is moving fast enough to cause a Doppler shift of approximately 712.8906 Hz.”

dop\_est= -712.8906

rng\_est= 2250

### 3. Range Doppler Response of FMCW signal.

