

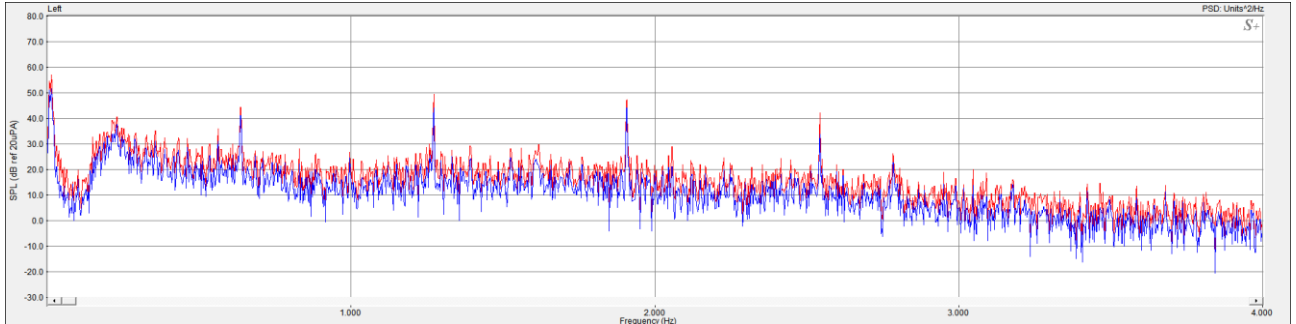
GuSZ GmbH - www.umweltmessung.com

Wind Turbine Infrasound Measurement

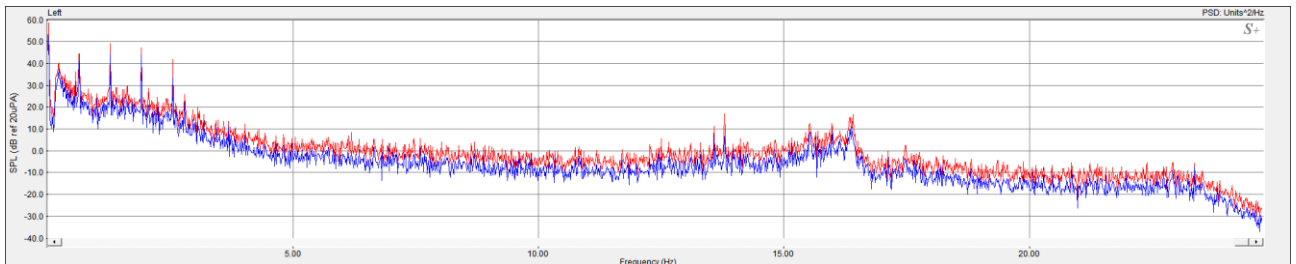
Germany, Hessen, 22.9.2015, inside a house, **WT distance 10,9 km**, ne, windspeed 4-6 m/s, **SSW**

Harmonics: 0,64 Hz; 1,28 Hz; 1,92 Hz; 2,56 Hz ($0,64 / 3 * 60 = 12,8$ rpm)

FFT Analysis

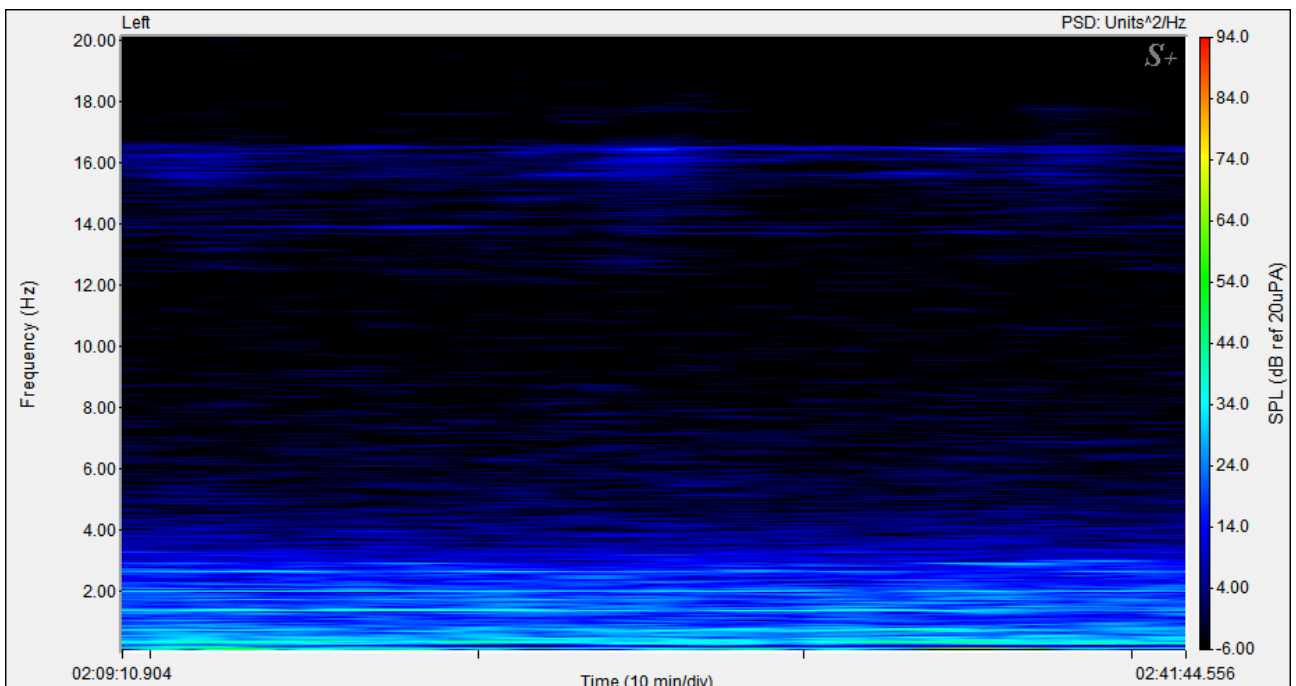


0-4 Hz, PSD (lin), FFT Size 65536, Spectral Line Resolution 0,001 Hz



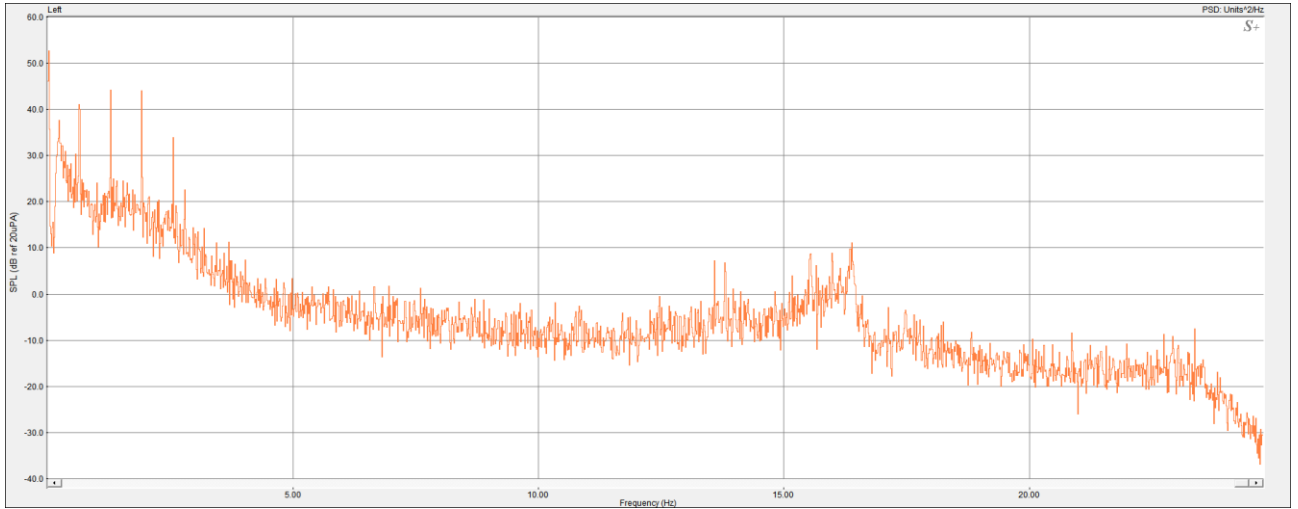
0-20 Hz, PSD (lin), FFT Size 65536, Spectral Line Resolution 0,001 Hz

Sonogramm

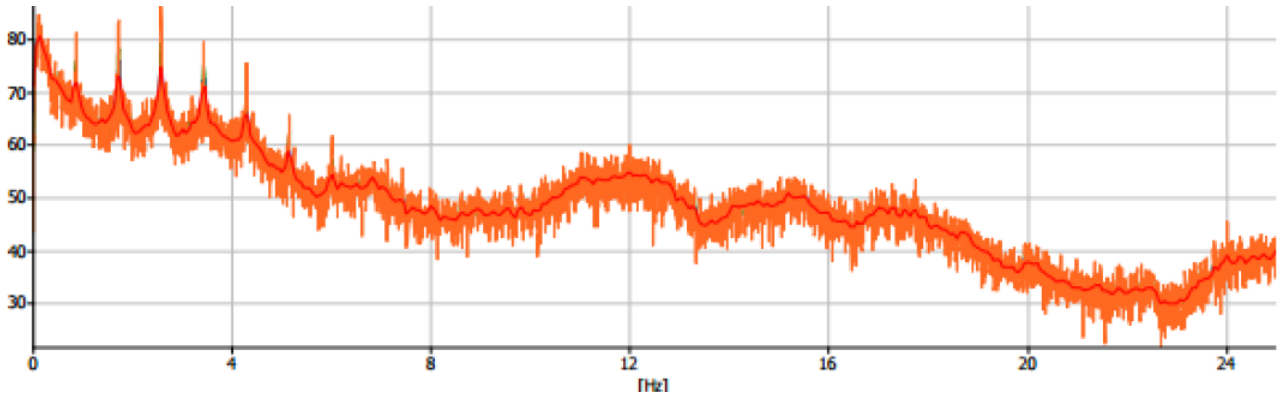


PSD (lin), FFT Size 16384, Spectral Line Resolution 0,003 Hz

Germany



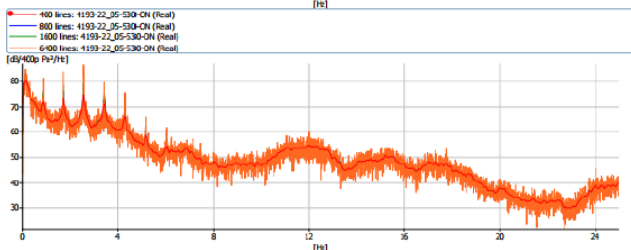
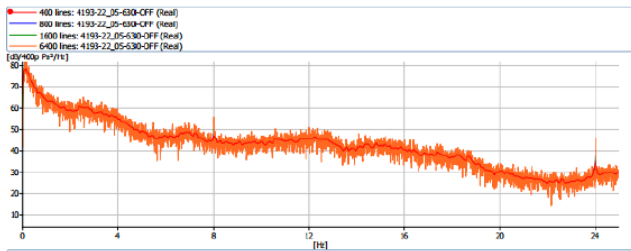
Cape Bridgewater Australia



Case Bridgewater House 87

PSD ON-OFF (22/05/14)

1.5 km to nearest turbines
Turbine model: Repower MM82 2MW,
hub height 69m



Case Jäneskeidas House 1, kitchen

1.5 km to nearest turbines
Turbine model: Vestas V112
3.3MW, hub height 140m

