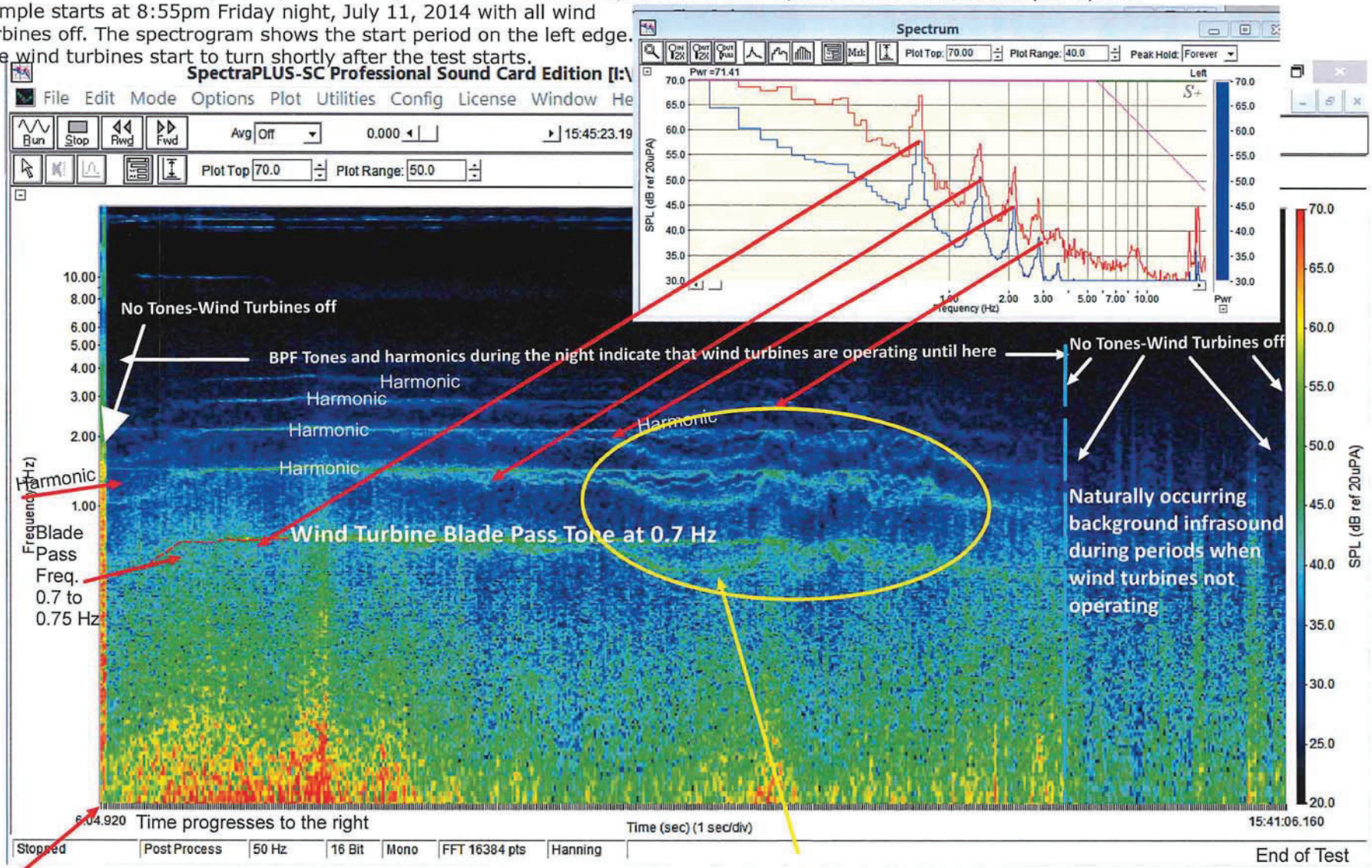
Baseline micro-barometer test results for side-by-side validation testing overnight in the dining/kitchen area of Home 3 (R1 from Shirley Wind Study)
This test period was sampled in parallel using the GRAS 40AZ microphones with the Apollo/Samurai Sound Analysis System
Sample starts at 8:55pm Friday night, July 11, 2014 with all wind turbines off. The spectrogram shows the start period on the left edge. The wind turbines start to turn shortly after the test starts.



Start of test in R2 Main Floor dining area
Fri. July 11, 2014 at 8:55 pm
Wind turbines were off, but turned on shortly after test started.

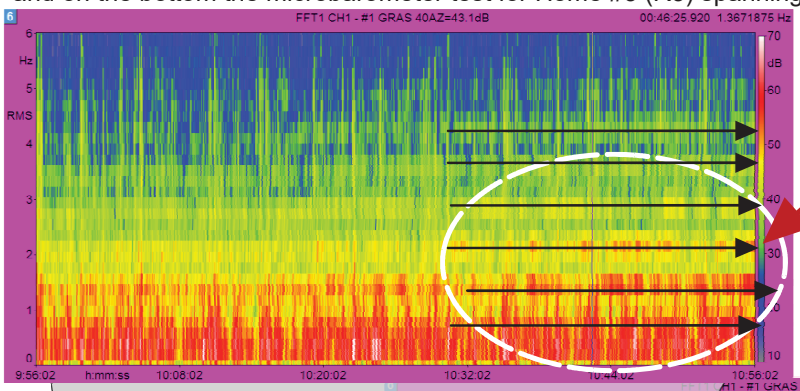
The tones from some of the wind turbines deviate from the 0.7 Hz Blade pass frequency indicating that winds or operational changes have altered the rotation speed of some turbines.

End of Test
Sat. July 12, 2014
at 12:25pm CDT
Turbines were off

Next two pages present results of side-by-side tests conducted to validate micro barometer reading with acoustic microphone measurements using GRAS 40AZ microphone and Apollo/Samurai hardware/software.

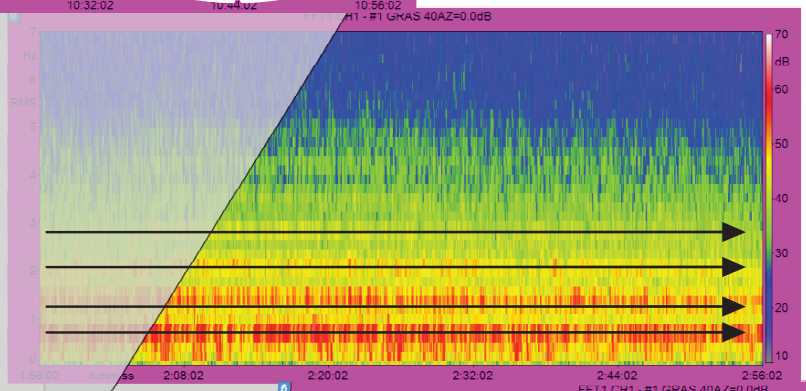
EXHIBIT
Int. I-1(f)

Results of Side-By-Side Validation Tests showing (on top) one (1) hour spectrograms from GRAS/Apollo/Samurai microphone tests and on the bottom the microbarometer test for Home #3 (R3) spanning the entire test period.



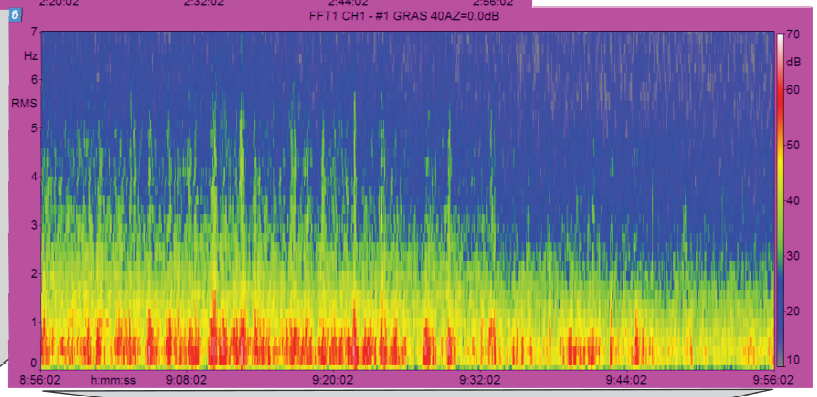
Spectrogram of period during ramp up of wind turbine blade rpm. Tonal characteristics become clearer toward the last third of the test as the microbarometer test shows the wind turbines reaching uniform operating speed.

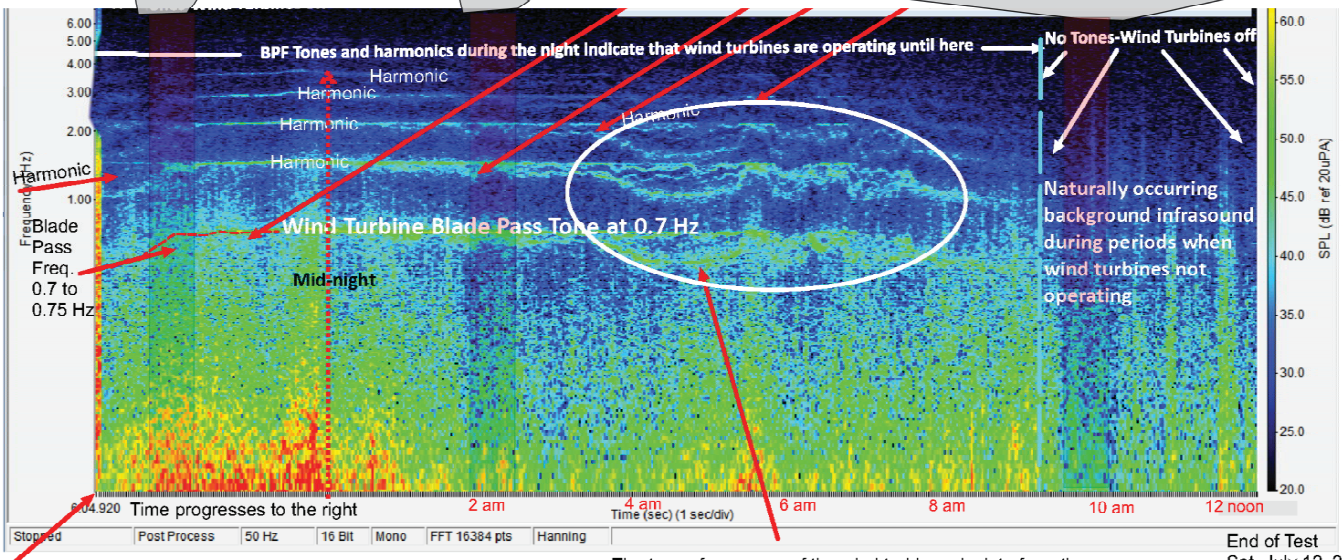
Note: Red on these spectrograms represents sound pressure levels from 50 to 65 dB SPL. This is equivalent to the green through yellow colors for the same range of SPL on the micro barometer spectrogram.



Spectrogram of period during stable operation at 2am of wind turbines shows tones at BPF and at harmonic frequencies corresponding to the SPL of the tones seen in the micro barometer test below.

Spectrogram of period when wind turbines are not in operation (here we see Sat. morning at 9-10am) shows no tones at the BPF or harmonic frequencies.





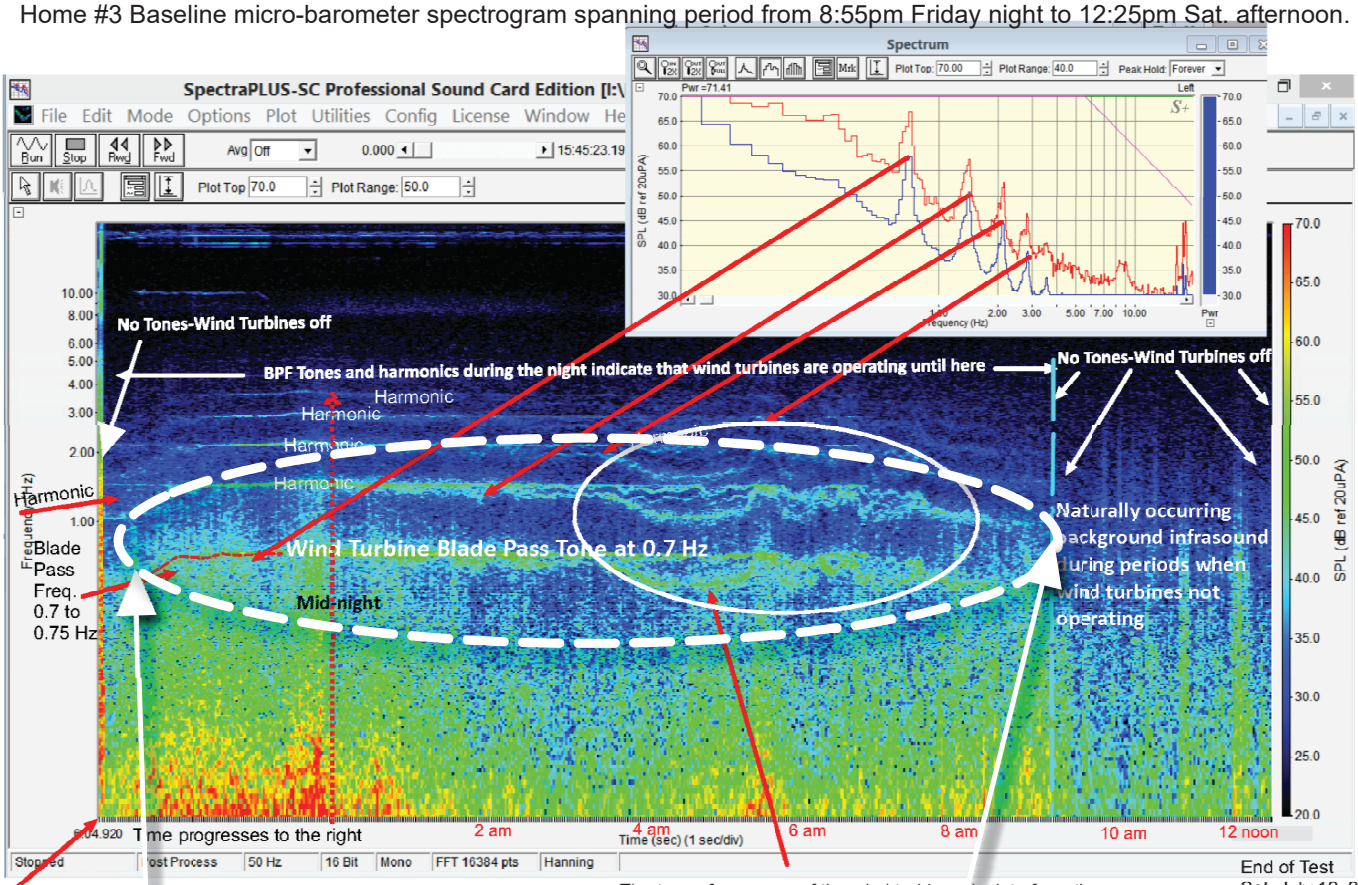
Start of test in R2 Main Floor dining area
Fri. July 11, 2014 at 8:55 pm
Wind turbines were off, but turned on shortly after test started.

The tones from some of the wind turbines deviate from the 0.7 Hz Blade pass frequency indicating that winds or operational changes have altered the rotation speed of some turbines.

End of Test
Sat. July 12, 2014
at 12:25pm CDT
Turbines were off

Comparison of micro-barometer (bottom) tests overnight inside Home 3 (R1) to microphone spectrograms (3 at top) also inside Home #3 (R1)

Home #3 Baseline micro-barometer spectrogram spanning period from 8:55pm Friday night to 12:25pm Sat. afternoon.

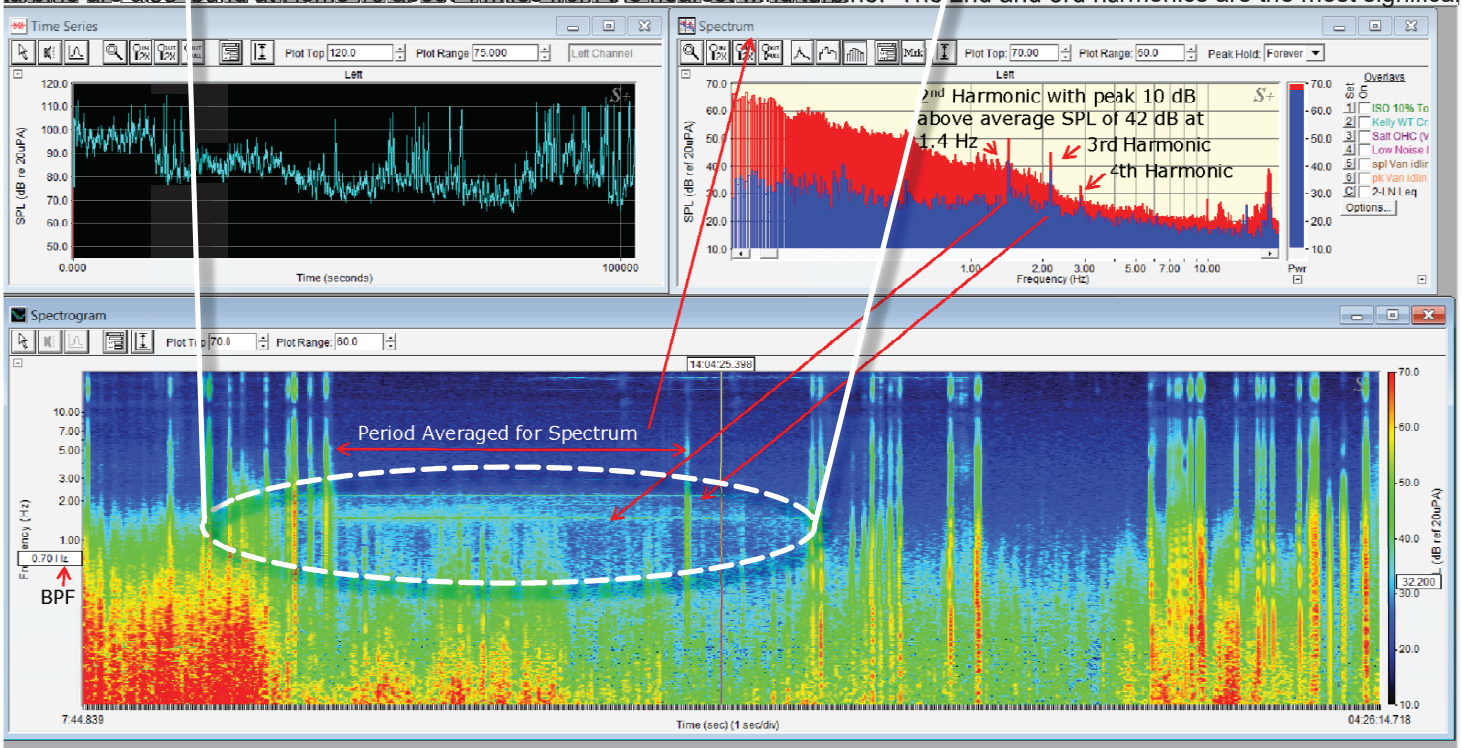


Start of test in R2 Main Floor dining area
Fri. July 11, 2014 at 8:55 pm
Wind turbines were off, but turned on shortly after test started.

The tones from some of the wind turbines deviate from the 0.7 Hz Blade pass frequency indicating that winds or operational changes have altered the rotation speed of some turbines.

End of Test
Sat. July 12, 2014
at 12:25pm CDT
Turbines were off

Home #9 (22,000 ft. from nearest wind turbine) Baseline micro-barometer spectrogram. Test starts at 3:22pm on Friday, July 11, 2014 and ends 33 hours later spanning about double the time as the test at Home #3. Thus, scale is different from the one at Home #3 above. When adjusted for time scale the tones found at Home #3, 3300 feet from the nearest wind turbine are also found at Home #9 about 4 miles from the nearest wind turbine. The 2nd and 3rd harmonics are the most significant.



Comparison of micro barometer test at Home 9, 4+ miles from wind turbines.
Taken concurrent with side-by-side tests inside Home #3 above..