

Zimbel Audio Productions, 170 Brockport Dr, Toronto, M9W 5C9

I've been using the Spectran HF-4060 with the original LCS software since 2008. I've always found it to be a useful tool on shows with very high RF counts (usually 50+ to over 100 active frequencies). However, there were a few things that I always wanted to be able to do with LCS that I'm happy to report can now be done with the new MCS software.

I just finished the Much Music Video Awards in Toronto with 227 frequencies in the coordination and here are a couple of features from MCS that were a great help.

- 1) MCS now allows you to identify a frequency just by hovering the cursor over it.



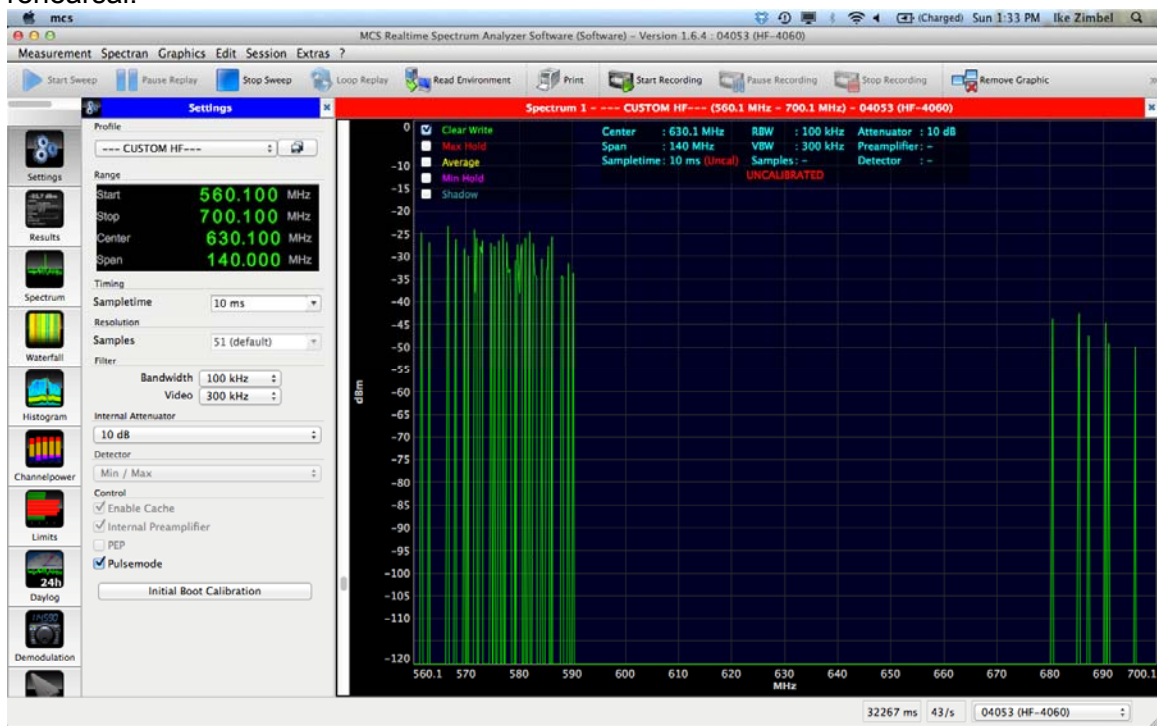
- 2) And, of course as you can see from the above, you can now scan multiple areas of spectrum with the same device. This is done through what MCS calls "Pseudo Spectran," or what I think of as a "virtual Spectran." Either way, it allows you to enter in two (or more) different sets of sweep parameters. In the image above, the lower sweep is the entire uhf range in use for this event and the upper sweep is a 30Mhz chunk of spectrum with mostly some of my In-Ear monitor transmitters in it. In the image below, taken at a political convention earlier this year, the lower sweep is the vhf/uhf spectrum in use for audio, while the upper image shows one of three RF cameras that was in use in the 2.2 Ghz range.



This is a terrific feature, and one that I have always wanted.

3) Finally, MCS was a big help on the MMVA's in revealing a bizarre problem wherein one antenna / cable run was exhibiting a "dead spot" in its frequency response. I never was able to pin-point the exact cause, but this was a long (200') cable run with multiple couplers in it. Changing out one cable and re-doing all of the couplers (we'd had a ton of rain...) corrected the issue, about 30 seconds before dress.

rehearsal!



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