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Subject: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by [DJ](#) on Sat, 15 Sep 2007 05:25:15 GMT

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I'm not sure that it sounds that much better when it's downsampled, but I'm sure hearing a silkier top end at 88.2 than at 44.1 on my RME ADI8-DS units.

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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by [John \[1\]](#) on Sat, 15 Sep 2007 11:24:34 GMT

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You should hear the sheen at 1GHZ sample rate. WOW And when it's played back through your FM radio where they smash the dynamics so much that it's one huge smear of spectral shit, then you know all your hard work and money was worth it.

One of our FM stations has such a bad sound that it's totally unlistenable for me. I don't know what they fuck they are doing but it is simply horrible.

And it's classic rock so I'm wanting to listen but they are just smearing every part of the music that previously existed into one bit tunnel of goo.

Anyone else got radio stations that seriously destroy the sound ?

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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by [neil\[1\]](#) on Sat, 15 Sep 2007 15:08:32 GMT

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"John" <no@no.com> wrote:

>

>You should hear the sheen at 1GHZ sample rate. WOW And when it's played  
>back through your FM radio where they smash the dynamics so much that it's  
>one huge smear of spectral shit, then you know all your hard work and money  
>was worth it.

Thing is, it doesn't cost you any more work OR money once you're in Native-land. Yeah, there is still SOME hardware that doesn't do 88.2k... like for example I wish my Presonus Central Station would (it does 96k, though, just not 88.2), so I could eliminate one more analog signal path between the convertors & the monitors; but, it's so clean that I can't even say that it would really matter much. As an aside, that little unit has probably been one of the best purchases I've made for my setup - I especially like the remote for it; having the talkback switch, mic & monitor level right there on the desktop is great - I used to have to set up a -57 on one of those little desktop stands & use a spare pre & turn the gain up &

down when talking. In that scenario, sometimes it was simpler to just yell back & forth lol

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>every part of the music that previously existed into one bit tunnel of goo.  
> Anyone else got radio stations that seriously destroy the sound ?

ABSOLUTELY! We have one here that does it. There's a wide variance in signal quality between any number of the radio stations here, a few sound OK and a couple sound like utter crap, but none of 'em really sound as good as what you hear in a lot of major markets, either. Every time I travel somewhere else it becomes even more apparent - like I was in LA a few weeks ago, and even on the cheezy factory stereo in my Hyundai rental car, KLOS sounded great.

Neil

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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by [Neil](#) on Sat, 15 Sep 2007 15:44:52 GMT  
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"DJ" <animix \_ at \_ animas \_ dot \_ net> wrote:

>I'm not sure that it sounds that much better when it's downsampled, but I'm  
>sure hearing a silkier top end at 88.2 than at 44.1 on my RME ADI8-DS units.

Thing is...

a.) NOW you know.

b.) Another thing to remember when considering your statement "not sure that it sounds that much better when it's downsampled" is this - your statement seems to indicate that it DOES sound SOMEWHAT better (even if not "MUCH" better). It's like I've said before... how much money have we all spent on incremental gains in one aspect or another?  
IOW - you want to get this or that mic or preamp because it will sound SOMEWHAT better than what I've got now. You want to drop a grand or two on a Mytek or Benchmark D/A converters set because it will make my monitoring sound a little clearer/cleaner. You drop a few hundred on a Porkpie snare because it's just "that much" more articulate than the snare you've got. Or even something as inexpensive as hearing an Audix i5 and deciding that you like it much better than a -57

on a guitar cab, and so you go ahead & drop 89 bucks on one. These are examples of how we all go for, or have gone for, incremental gains - not even necessarily huge ones - and will spend anywhere from tens of dollars to thousands of dollars to do so. 88.2k represents an incremental gain you can have without costing you a dime.

c.) And finally... if it doesn't exist in your initial file (the raw, individual track files), then you absolutely know for certain that NOT ONE ASPECT of what doesn't exist there can exist in the final file... whether it be a higher-frequency content above 22k - the lower harmonics of which may be perceived, but ONLY if they exist in the first file - or a more accurate representation of a given sound to begin with, multiplied by ALL the sounds on there, which could translate to a more accurate representation of the entire amalgam of sounds, all the way down the conversion spectrum, to 44.1 wav, to mp3 at whatever bitstream rate the end user is listening to it on.

It's not about WOW THAT'S FUCKING WAY HUGE AMOUNTS BETTER when you listen to the end result at two-track-dithered-down-44.1, it's about being "incrementally better" - noticeably better. What if it's only (if you could put a number on it) five percent better? Ten percent better? Personally I think it's more than that, but every little sonic improvement you can get, makes a difference, yes?

Neil

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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by DJ on Sat, 15 Sep 2007 17:14:03 GMT  
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> What if it's only (if you could put a number on it) five  
> percent better? Ten percent better? Personally I think it's  
> more than that, but every little sonic improvement you can get,  
> makes a difference, yes?  
>  
> Neil

grumble...grumble.....yeah....OK, but it's gonna suck DSP resources like a mofo.....oh wait...that's what the outboard stuff is for, right?

;o)

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Subject: Re: Well crap!!!....there may actually be something to this 88.2voodoo.  
Posted by [EK Sound](#) on Sat, 15 Sep 2007 17:38:09 GMT  
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Yep, several local stations are using 128K MP3 files for on-air playback.

David.

John wrote:

> You should hear the sheen at 1GHZ sample rate. WOW And when it's played  
> back through your FM radio where they smash the dynamics so much that it's  
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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.  
Posted by [Erling](#) on Mon, 24 Sep 2007 05:44:45 GMT  
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....and as a standard, extracompressing the hell out of those files  
without thinking of dynamics or pumping effects at all...

Erling

On Sat, 15 Sep 2007 11:38:09 -0600, EK Sound <askme@nospam.com> wrote:

>Yep, several local stations are using 128K MP3 files for on-air playback.  
>  
>David.  
>  
>John wrote:  
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Subject: Re: Well crap!!!....there may actually be something to this 88.2 voodoo.

Posted by [John \[1\]](#) on Mon, 24 Sep 2007 14:00:25 GMT

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And here it's much worse than just dynamics or pumping. Here the sound is just smeared with a crushed distortion that is unlistenable. I wonder what a sine wave would come out as.

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