

Re: DTV antennas?

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- *From:* Jeff Liebermann <jeffl@xxxxxxxxxx>
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On Sun, 13 Jul 2008 16:22:22 -0700, Jeff Liebermann <jeffl@xxxxxxxxxx> wrote:

On Sun, 13 Jul 2008 13:27:28 -0700, Joerg
<notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Jeorg... which channels do you want to watch?

Sorry. I mis-spelled your name.

Here is another blunder of the TV set designers: They ignored the fact that you do not have any means of optimizing an antenna with DTV. The signal is either fairly good or gone. IOW digital. No field strength indicators, no signal quality bars, nada. IMHO a design blunder. Oh man, if we did that in medical they'd have us all over the barrel.

The lack of a signal indicator in TV sets seems to be epidemic. However, I didn't think about the add-on boxes. All satellite receivers have signal indicators allegedly for dish alignment (which is useless because of the long response time). CATV converters have on screen signal level indications. A few boxes have more detailed diagnostics.

ATSC converter boxes require some manner of signal quality indicator:
<<http://www.atsc.org/standards/practices.html>>
<http://www.atsc.org/standards/a_74-w-Corr-1-Amend-1.pdf>
See: Section 4.7 Consumer Interface Received Signal Quality Indicator

I read it to indicate that while a detailed signal quality indicator would be nice, a really crude like a "good/bad" indicator will suffice.

Section 4.2 and 4.5 cover multipath tests and issues.

Re: DTV antennas?

It kinda makes sense to have the signal level and quality indicator in the receiver (downconverter) section. However, why the same feature is absent in OTA DTV's seems rather odd.

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