

# Re: IF frequency

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.basics/2006-01/msg01438.html>

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- *From:* John Fields <jfields@xxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Mon, 30 Jan 2006 10:38:21 -0600
- 

On Tue, 31 Jan 2006 01:53:43 +1100, "Phil Allison"  
<philallison@xxxxxxxxxx> wrote:

```
>
>"John Fields"
>'Phil Allison"
>> Peter Bennett
>>>>
>>>>>I think I would put it another way around: The designer of the radio
>>>>>chose to use 29.05 MHz as the IF, and designed the IF amplifiers to
>>>>>pass that frequency. The frequency that the receiver will receive is
>>>>>that IF frequency plus (or minus) the local oscillator frequency.
>>>>
>>>> ---
>>>> I think he stated it rather succinctly since the IF_is_the
>>>> difference between the carrier and the LO, regardless of the
>>>> location, spectrally, of either the carrier or the LO.
>>>>
>>>>
>>>>
>>>>>> ** That excludes those receivers where the IF is the sum of the received
>>>>>> carrier and the LO.
>>>>
>>
>
>( snip bunch of irrelevant stuff )
>
>
>>>> ** Try reading my post again.
>
> More carefully this time.
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To what end?

It's obvious that you didn't understand the OP's post in the first place, obviously don't understand heterodyning, and are trying to become argumentative for the purpose of changing the direction of the discussion away from could only end in your having to admit your ignorance of the subject.

I'll have none of it.

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John Fields  
Professional Circuit Designer

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- *Follow-Ups:*
    - ◆ **Re: IF frequency**  
◇ *From:* Phil Allison
    - ◆ **Re: IF frequency**  
◇ *From:* Rich Grise
  
  - *References:*
    - ◆ **IF frequency**  
◇ *From:* thejim
    - ◆ **Re: IF frequency**  
◇ *From:* Peter Bennett
    - ◆ **Re: IF frequency**  
◇ *From:* John Fields
    - ◆ **Re: IF frequency**  
◇ *From:* Phil Allison
    - ◆ **Re: IF frequency**  
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◇ *From:* Phil Allison
  
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