



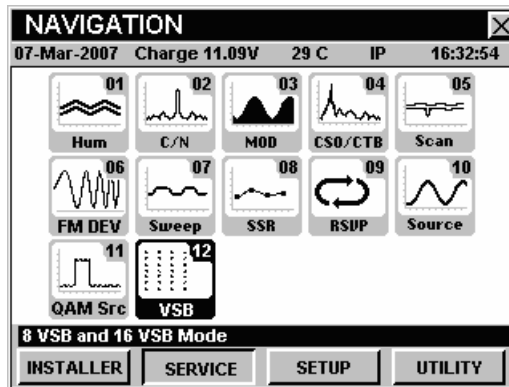
## 860 DSPi VSB

### QAM (8 VSB and 16 VSB)

8VSB is the 8-level vestigial sideband modulation method adopted for terrestrial broadcast of the ATSC digital television standard in the United States and Canada.

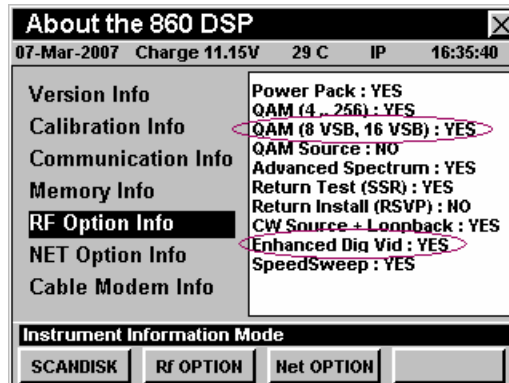
### How does my 860 DSPi utilize VSB?

The 860 DSPi can demodulate an 8VSB or 16VSB signal using the VSB menu. This can be done by connecting a VHF/UHF antenna to the 860 SLM input port and entering the VSB menu.



### How can I see if my 860 DSPi supports VSB?

The easiest method to see if your 860 DSPi supports VSB is to go to the Information Menu on the Setup TAB. Examine the RF Option Information List and see if you have the option. If you do not, you can call the factory and purchase the option provided that your meter has the latest firmware installed and you have any Enhanced Digital Video Board installed. Note: Firmware must be V7.4.1.1 or higher.

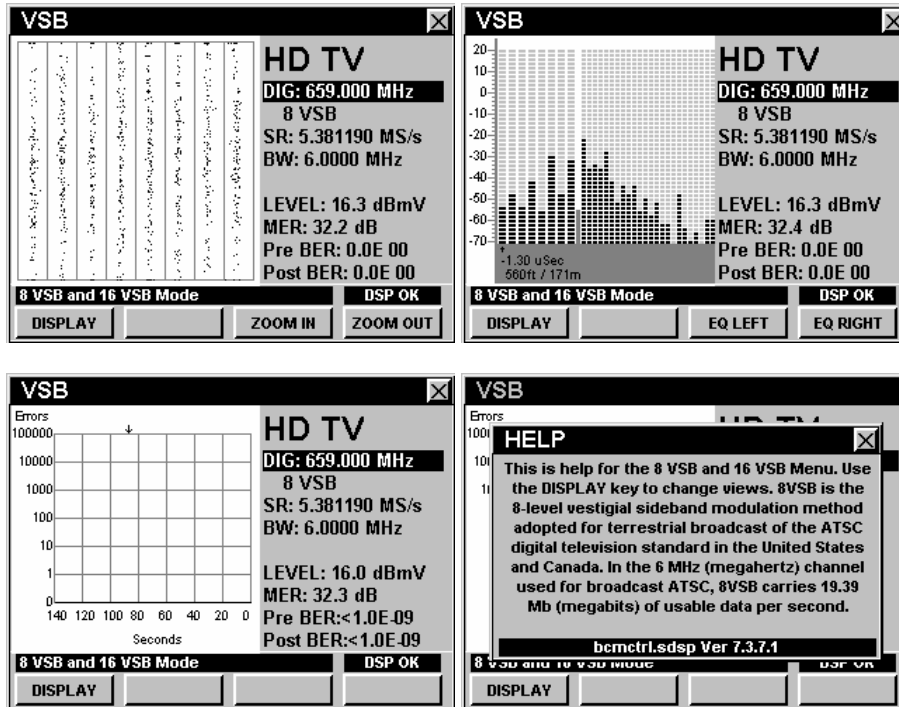


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 Trilithic Applications Engineering  
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[support@trilithic.com](mailto:support@trilithic.com) or  
[www.trilithic.com](http://www.trilithic.com)

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## How do I use the VSB menu?

The QAM VSB menu works very similar to the QAM menu without channel plan support. Since the VSB carriers are usually independent from the cable TV line up, this is more of a user controlled menu. You select the center frequency of the VSB carrier, select either 8 VSB or 16 VSB and monitor the constellation. You can use the DISPLAY button to view the digital video equalizer and even look at Bit Error Rate over time.



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