

## Q330S+ Notes

On 2014-09-16 05:29, Joe Steim wrote:

Hi Frank,

The 500, 250 sample rate cases degenerate to only two unique cases. The 1000sps response is always the same - always linear phase, i.e. FS+Linear-1000.txt is the same as the missing cases, e.g., FS+Lbelow100-1000.txt.

The 500 & 250 cases have only two choices because the transition rate for linear/minimum is always below 250sps:

1. either the 500 & 250 are both linear phase e.g.

FS+Linear-250.txt  
FS+Linear-500.txt

2. or both minimum phase, e.g.

FS+Lbelow20-500.txt  
FS+Lbelow20-250.txt

The missing files, e.g., FS+Lbelow100-500.txt, and FS+Lbelow100-250.txt would be identical to the files in case 2. So rather than generate a bunch of duplicates, only the unique files are listed. If you want to populate the sparse table of files, you can just duplicate the existing files into the missing cases.

Joe

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On 2014-09-16 00:08, Frank Vernon wrote:

Just when I thought we were done. Either the tar file I have is missing some composite filters, or some files are used on different filters, or not all sample rates appear on all filter types

From tar file

FS+Lbelow100-1.txt  
FS+Lbelow100-10.txt  
FS+Lbelow100-100.txt  
FS+Lbelow100-20.txt  
FS+Lbelow100-200.txt  
FS+Lbelow100-40.txt  
FS+Lbelow100-50.txt

Missing???

FS+Lbelow100-250.txt  
FS+Lbelow100-500.txt  
FS+Lbelow100-1000.txt

FS+Lbelow20-1.txt  
FS+Lbelow20-10.txt  
FS+Lbelow20-100.txt  
FS+Lbelow20-20.txt  
FS+Lbelow20-200.txt  
FS+Lbelow20-250.txt  
FS+Lbelow20-40.txt

FS+Lbelow20-50.txt  
FS+Lbelow20-500.txt

FS+Lbelow20-1000.txt

FS+Lbelow40-1.txt  
FS+Lbelow40-10.txt  
FS+Lbelow40-100.txt  
FS+Lbelow40-20.txt  
FS+Lbelow40-200.txt  
FS+Lbelow40-40.txt  
FS+Lbelow40-50.txt

FS+Lbelow40-250.txt  
FS+Lbelow40-500.txt  
FS+Lbelow40-1000.txt

FS+Linear-1.txt  
FS+Linear-10.txt  
FS+Linear-100.txt  
FS+Linear-1000.txt  
FS+Linear-20.txt  
FS+Linear-200.txt  
FS+Linear-250.txt  
FS+Linear-40.txt  
FS+Linear-50.txt  
FS+Linear-500.txt