

Tap Oil T/47P 3D PSTM



Designature filter design tests – cable
depth 8m

Summary

1. Input signature with source depth 6m;
2. Add debubbling operator and ghost;
3. Design a target zero phase wavelet;
4. Get conversion filter by matching signature with desired filter;

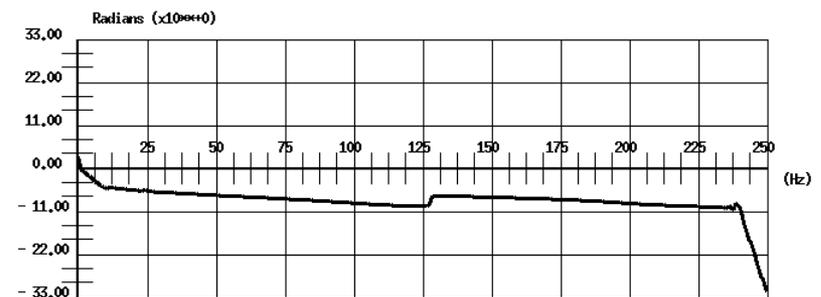
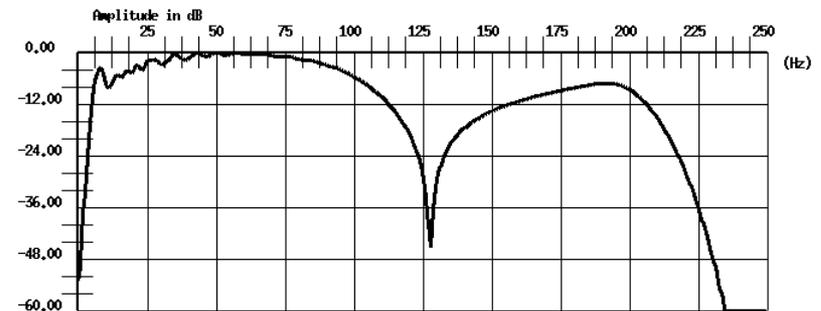
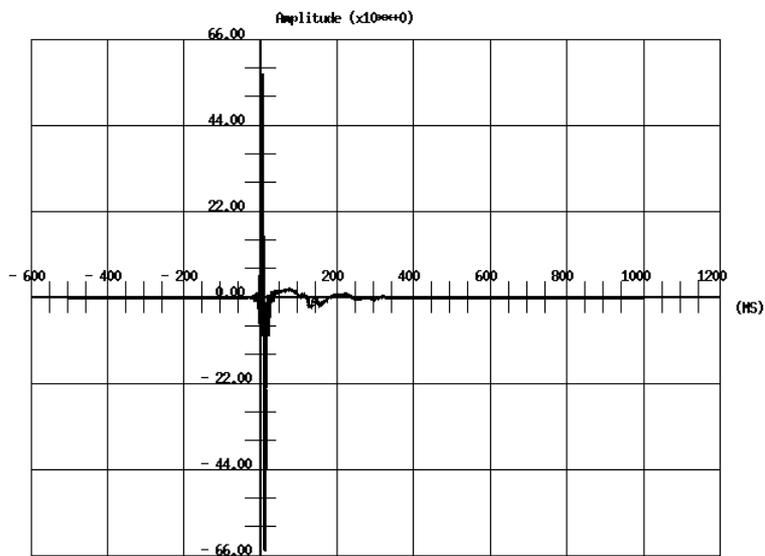
Original signature with source depth 6m

CGGVeritas

PROJECT: S563TAP

IDENT: sig7m_sig.dsk

DATE: 5 February 2008



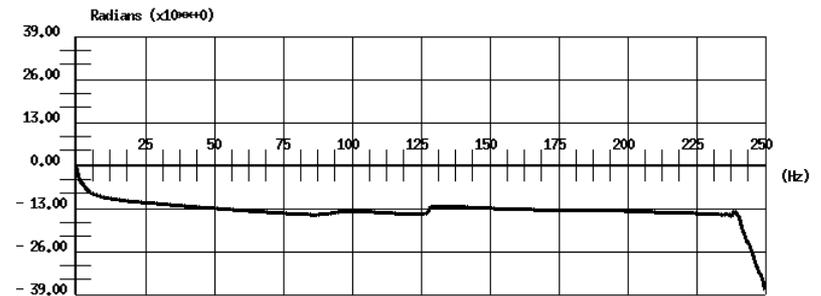
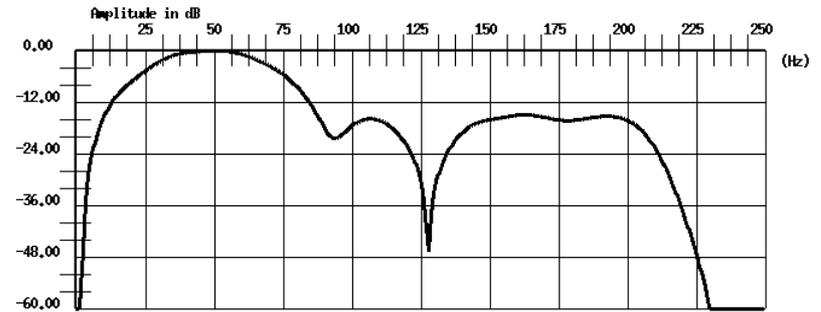
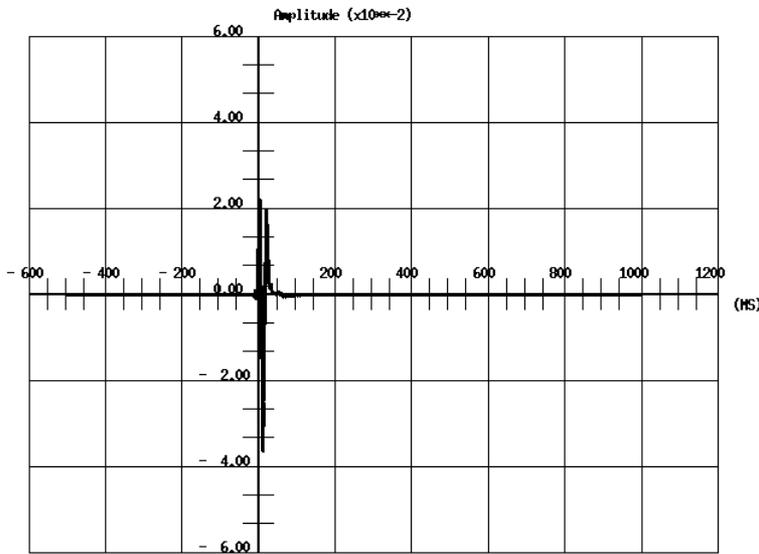
Modified signature including debubbling operator and ghost

CGGVeritas

PROJECT: S563TAP

IDENT: sig8m_sigdg.dsk

DATE: 5 February 2008



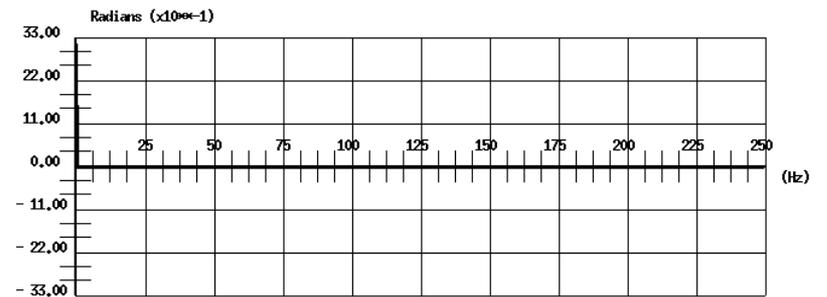
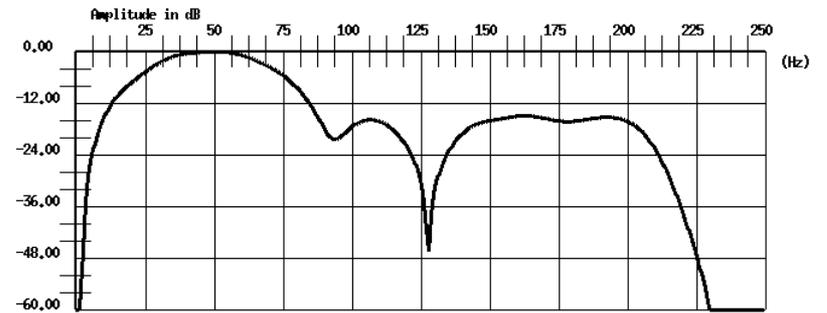
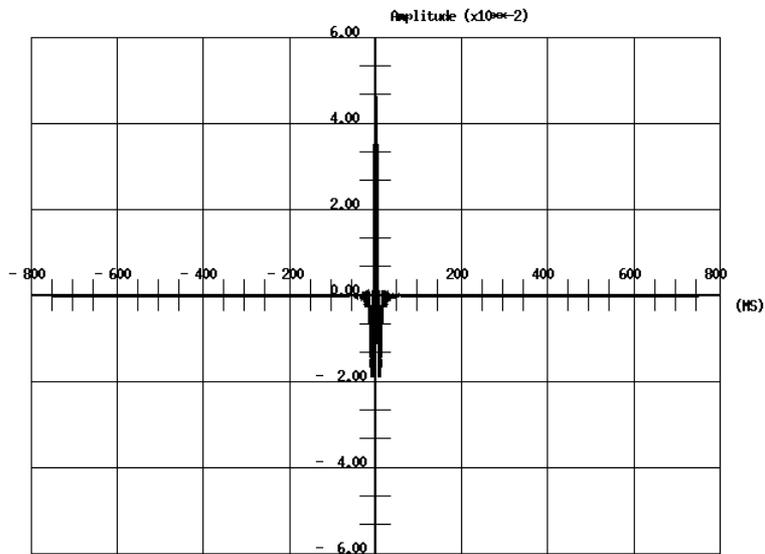
target zero phase wavelet

CGGVeritas

PROJECT: S563TAP

IDENT: sig8m_sigdg.dsk

DATE: 5 February 2008



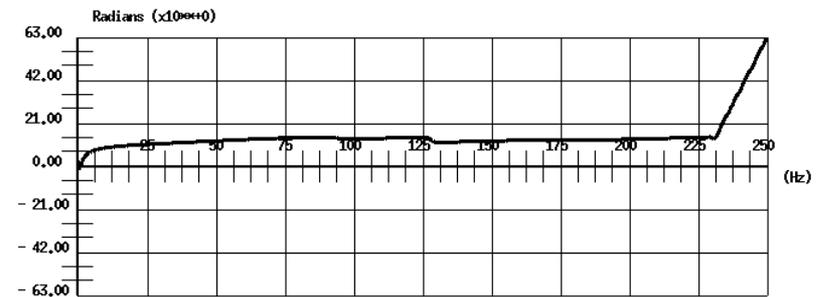
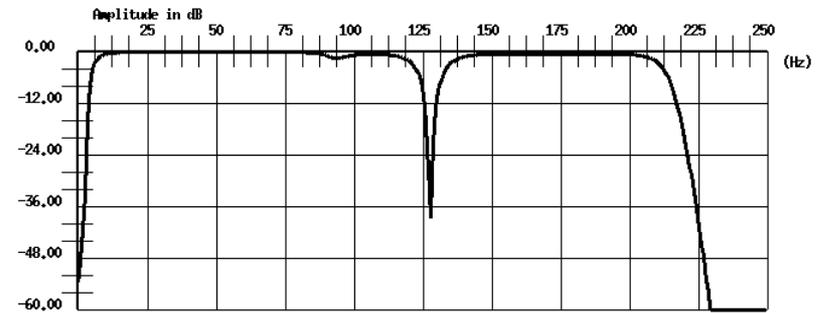
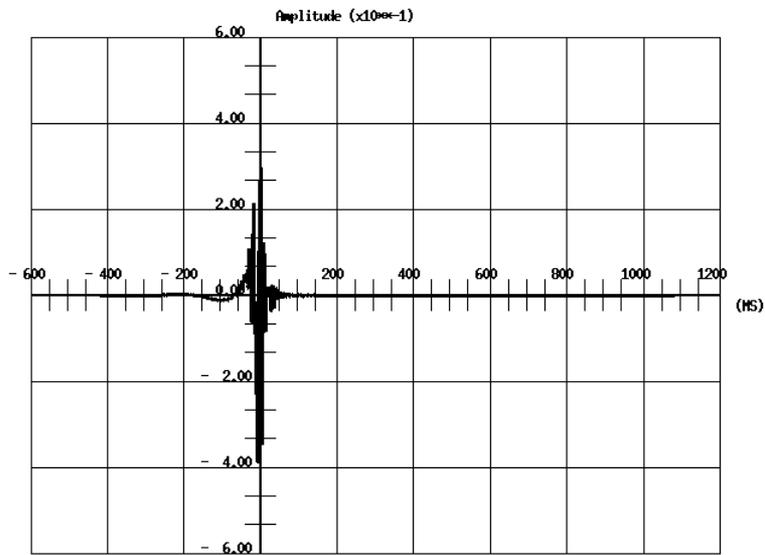
Zero phase conversion filter

CGGVeritas

PROJECT: S563TAP

IDENT: sig8mflt2

DATE: 5 February 2008



Modified signature convolved with zero phase conversion filter

CGGVeritas

PROJECT: S563TAP

IDENT: sig8m_sigdg.dsk

DATE: 5 February 2008

