



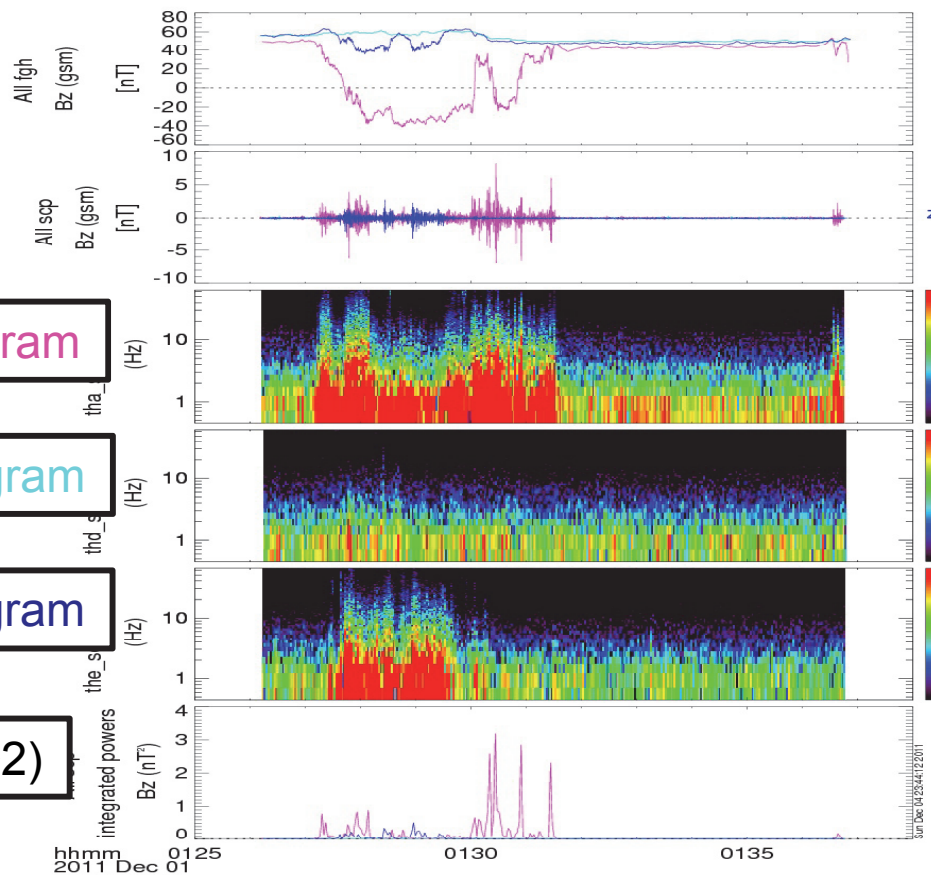
SCM status

**presented by Alessandro Retinò (LPP)
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All near-earth (A, D, E) scm antennas work nominally



Bz (gsm) from FGH

Bz (gsm) from SCP

Bz THA-SCP spectrogram

Bz THD-SCP spectrogram

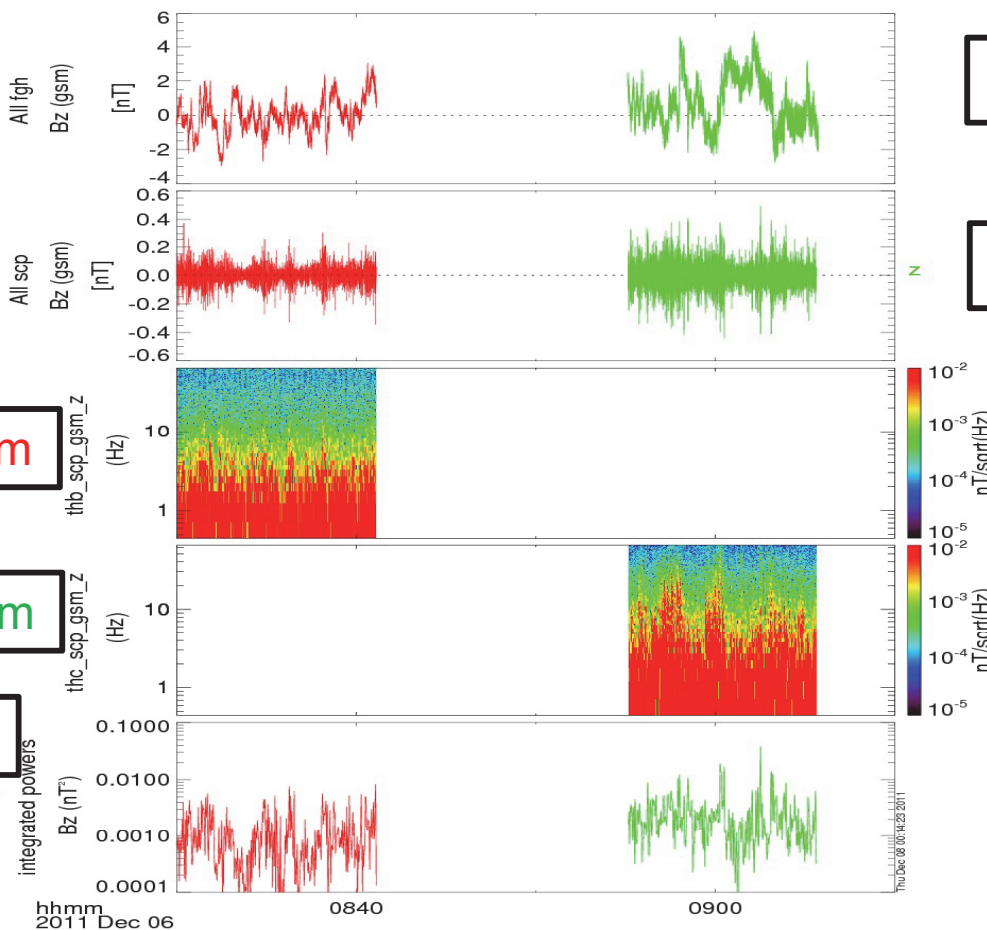
Bz THE-SCP spectrogram

Integrated Power (nT²)

Recent magnetopause crossing
Period on Dec. 1, 2011 (X~9.4, Y~2.4, Z~5.3 RE)



P2 (THC) and P1 (THB) scm antennas work nominally too



Bz (gsm) from FGH

Bz (gsm) from SCP

Bz THB-SCP spectrogram

Bz THD-SCP spectrogram

Integrated Power (nT²)

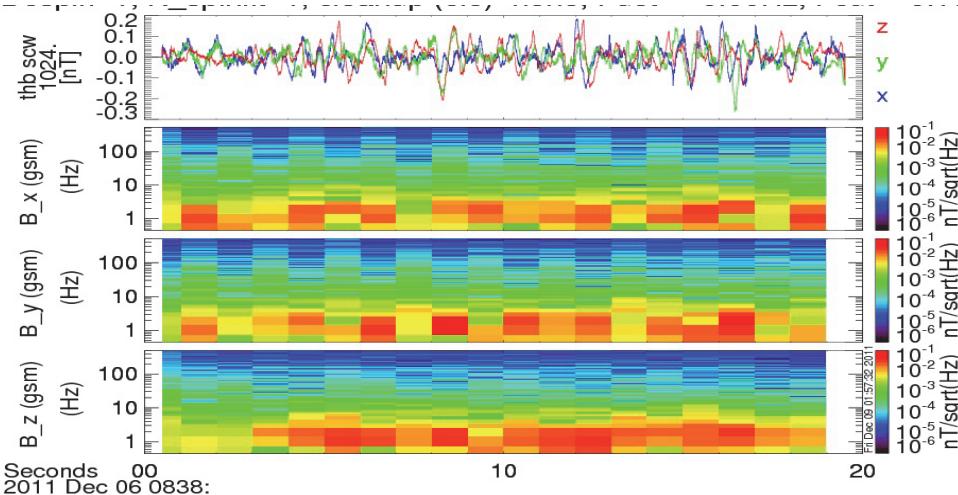
Recent particle burst period on Dec. 6, 2011 (X~-42.5, Y~43.2/46.2, Z~4.2 RE)



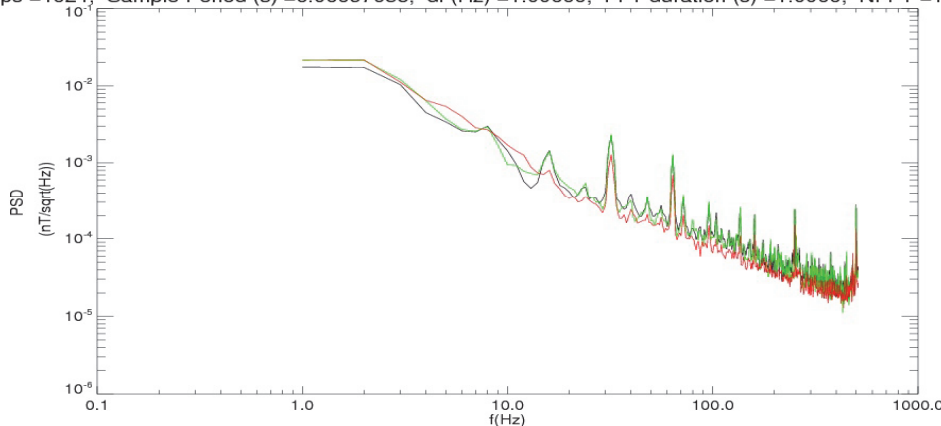
THB scw 1024S/s

Bz THB-SCW spectrograms

Bz THB-SCW spectra



Nbps =1024, Sample Period (s) =0.00097656, df (Hz) =1.00000, FFT duration (s) =1.0000, NFFT =19, wind =1



SCM FFT parameters: Nbps =1024, Sample Period (s) =0.00097656, df (Hz) =1.00000, FFT duration (s) =1.0000, wind =1

Recent wave burst period on **THB**
Dec. 6, 2011 (X~-42.5, Y~43.2/46.2, Z~4.2 RE)

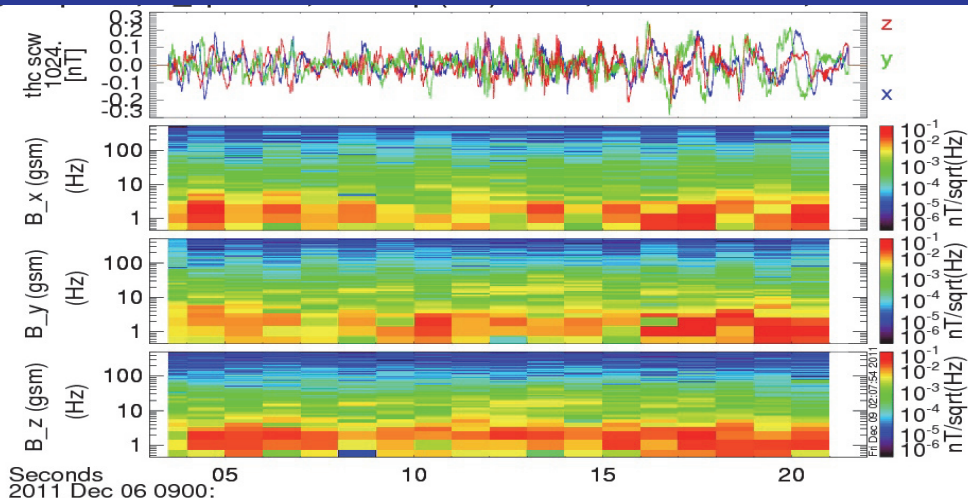


THC scw 1024S/s

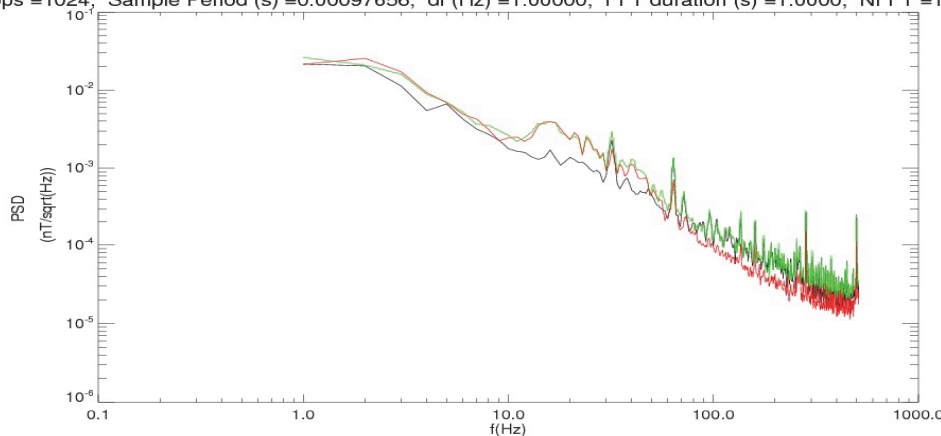
Bz THC-scw spectrograms

Bz THC-scw spectra

Both THB and THC wave burst work nominally.



Nbps = 1024, Sample Period (s) = 0.00097656, df (Hz) = 1.00000, FFT duration (s) = 1.0000, NFFT = 18, wind = 1



SCM FFT parameters: Nbps = 1024, Sample Period (s) = 0.00097656, df (Hz) = 1.00000, FFT duration (s) = 1.0000, wind = 1

Recent wave burst period on **THC**
Dec. 6, 2011 (X~-42.5, Y~43.2/46.2, Z~4.2 RE)



***Have a fruitful science team meeting
at Berkeley
and merry christmas in advance!***

Thanks!