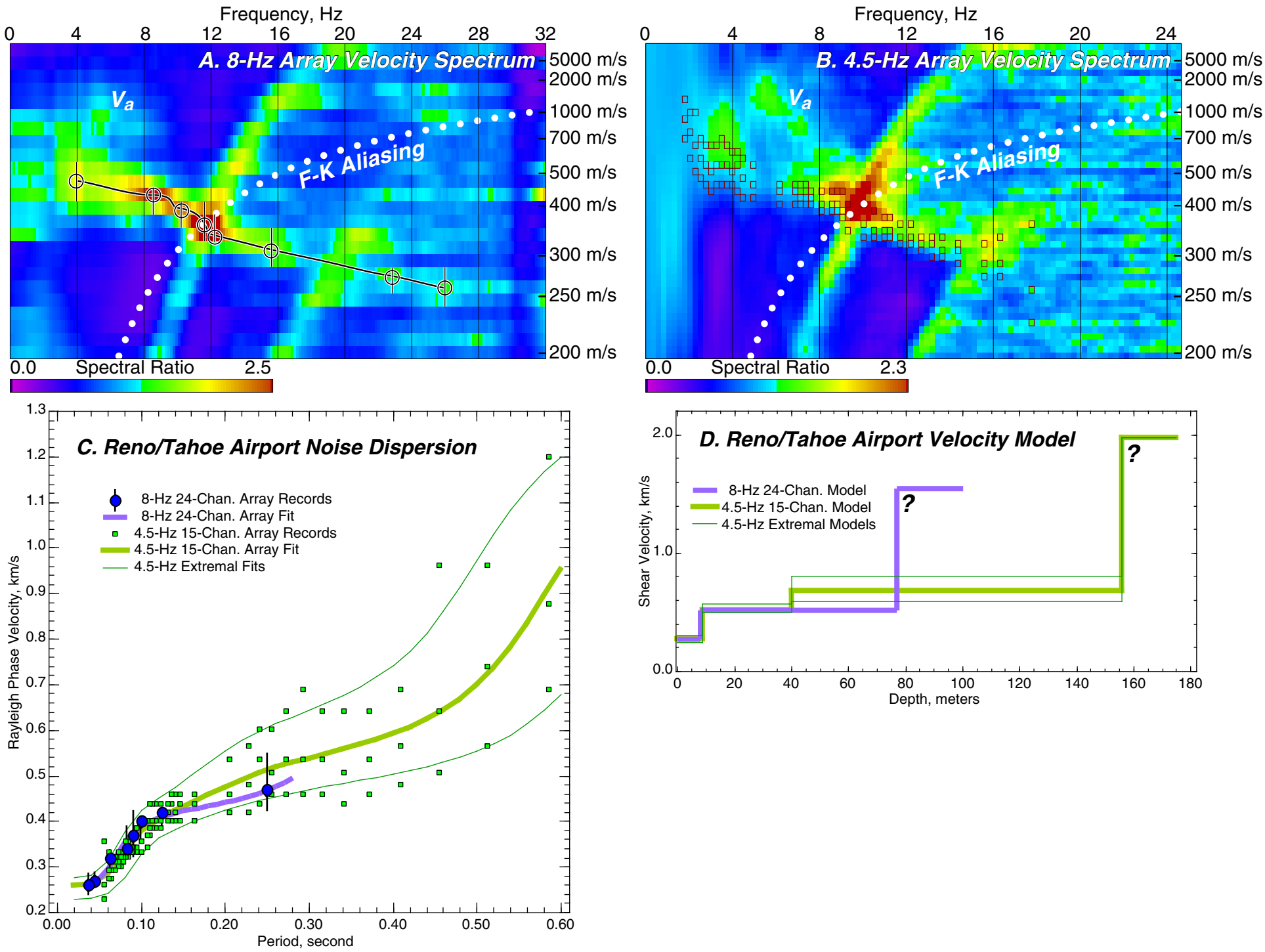
A. 8-Hz Array Velocity Spectrum
Frequency, Hz
0 4 8 12 16 20 24 28 32
5000 m/s
2000 m/s
1000 m/s
700 m/s
500 m/s
400 m/s
300 m/s
250 m/s
200 m/s
Va
F-K Aliasing
0.0 Spectral Ratio 2.5
B. 4.5-Hz Array Velocity Spectrum
Frequency, Hz
0 4 8 12 16 20 24
5000 m/s
2000 m/s
1000 m/s
700 m/s
500 m/s
400 m/s
300 m/s
250 m/s
200 m/s
Va
F-K Aliasing
0.0 Spectral Ratio 2.3
C. Reno/Tahoe Airport Noise Dispersion
8-Hz 24-Chan. Array Records
8-Hz 24-Chan. Array Fit
4.5-Hz 15-Chan. Array Records
4.5-Hz 15-Chan. Array Fit
4.5-Hz Extremal Fits
Rayleigh Phase Velocity, km/s
Period, second
D. Reno/Tahoe Airport Velocity Model
8-Hz 24-Chan. Model
4.5-Hz 15-Chan. Model
4.5-Hz Extremal Models
?
?
Shear Velocity, km/s
Depth, meters