



A Snapshot of Propagation Characteristics Observed by TIGER

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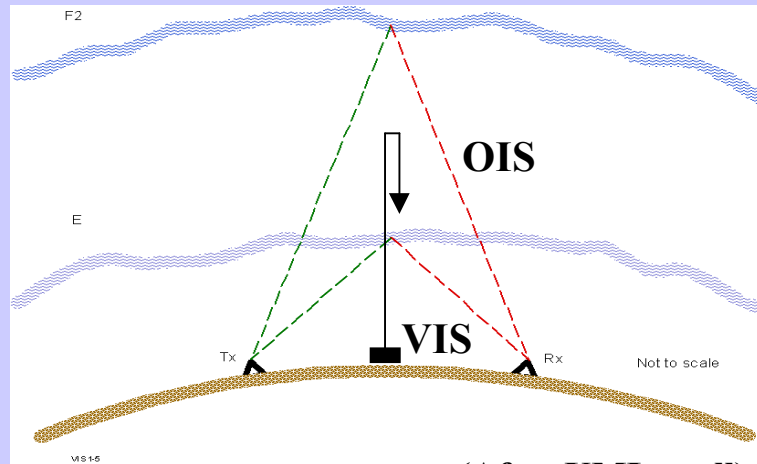
J. C. Devlin

Department of Electronic Engineering
La Trobe University

J. A. Bennett

Department of Electrical & Computer Systems Engineering
Monash University

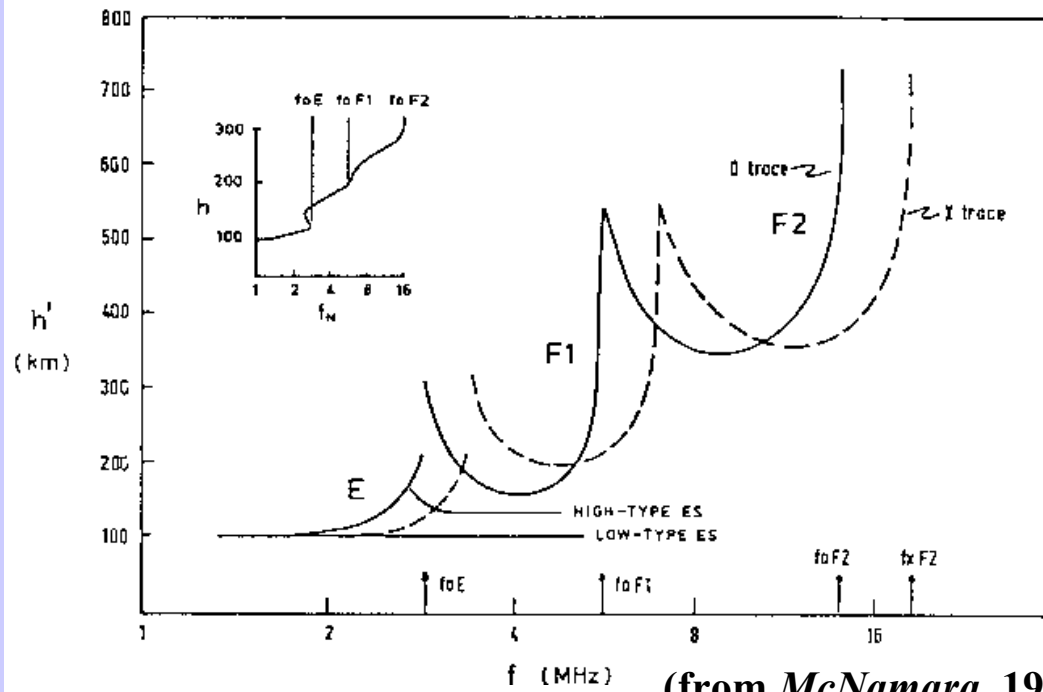
Vertical Sounding



(After UMLowell)

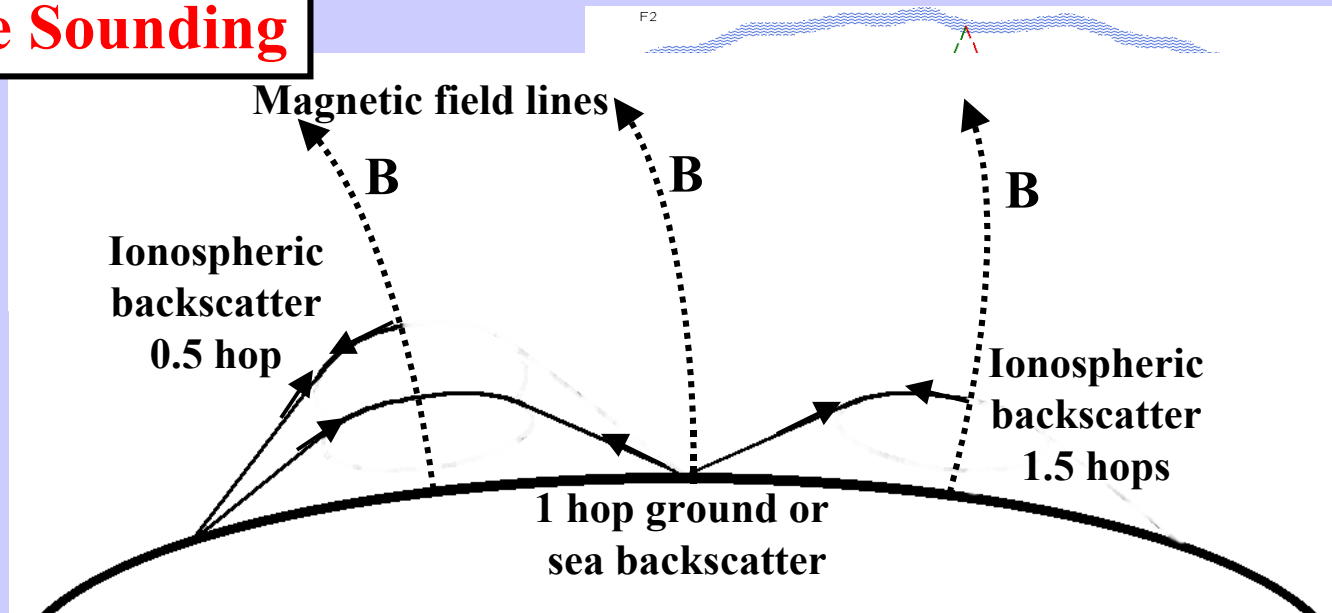
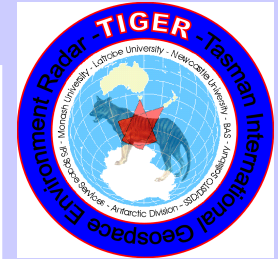


IDEALIZED DAYTIME IONOGRAM

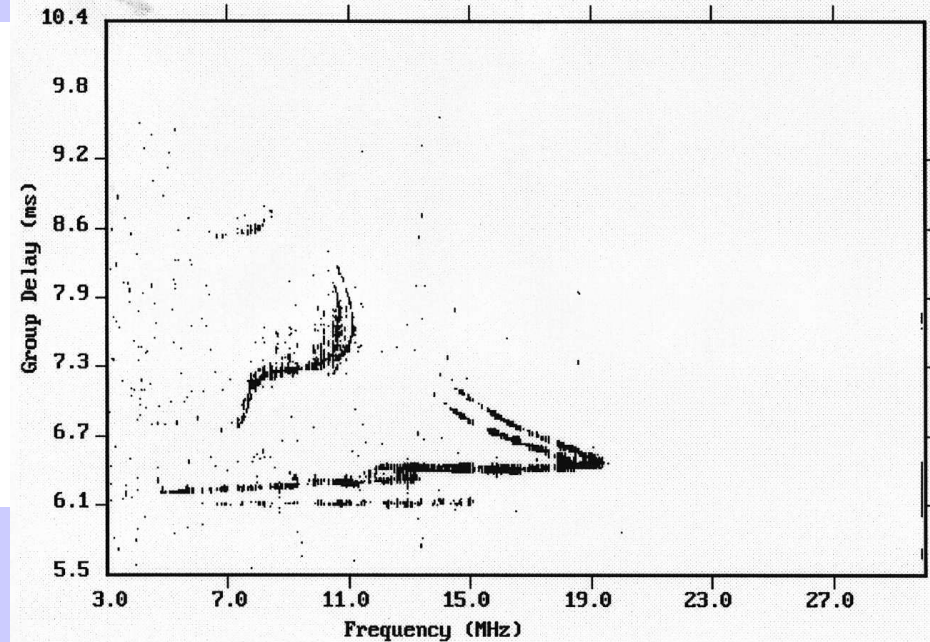
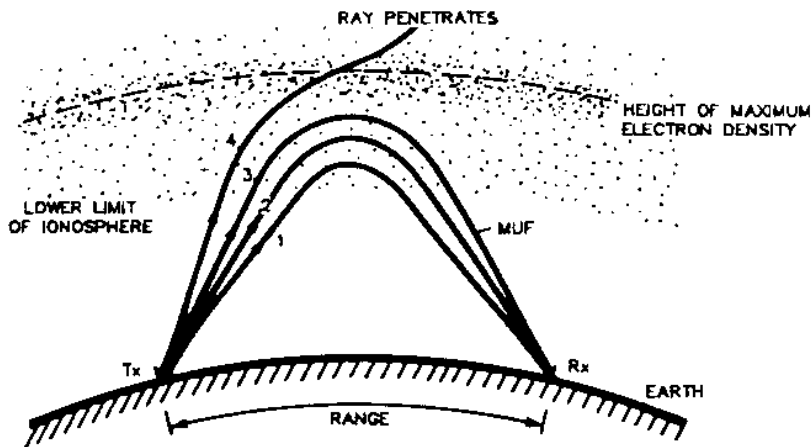


(from McNamara, 1991)

Oblique Sounding

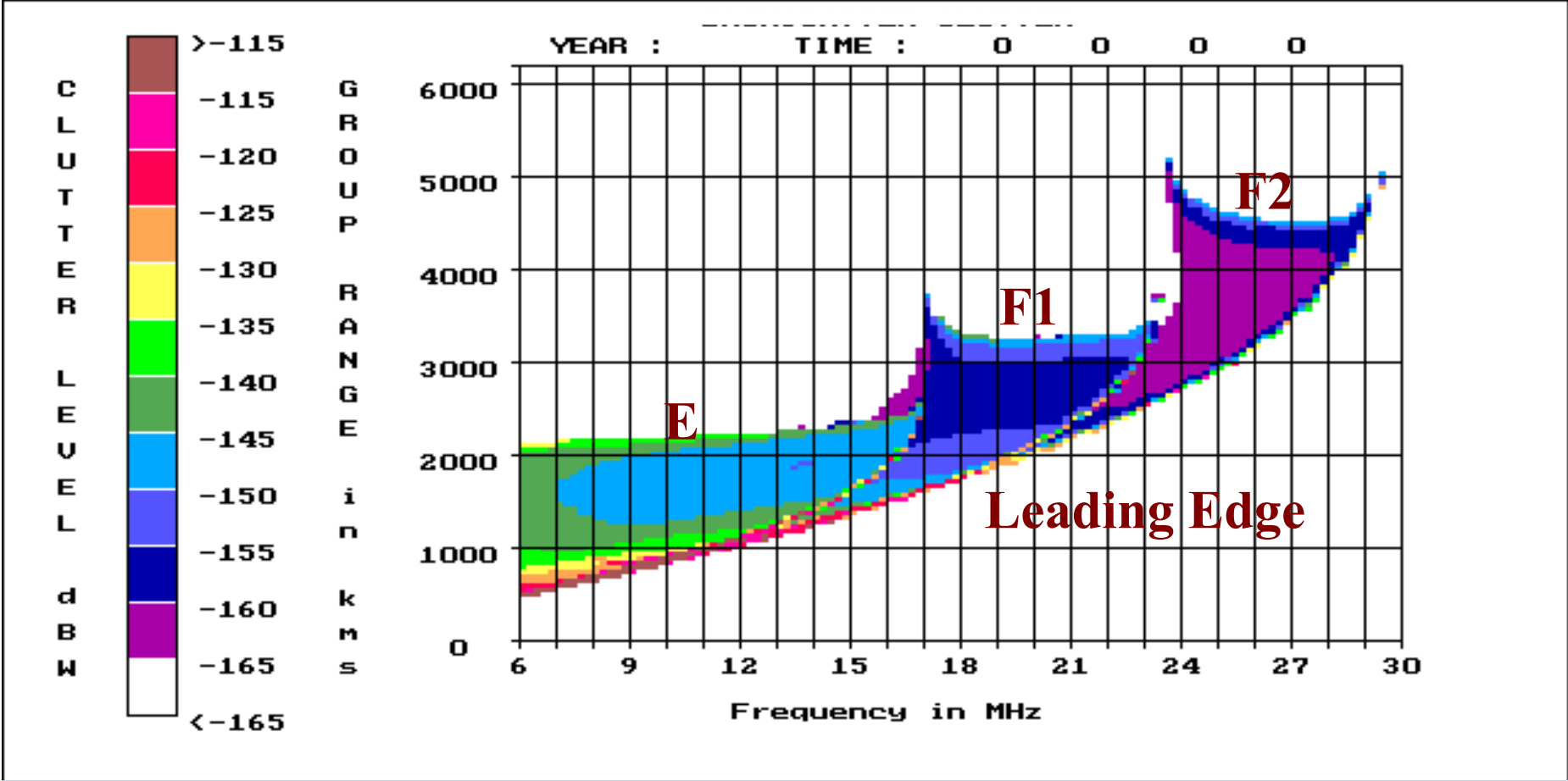
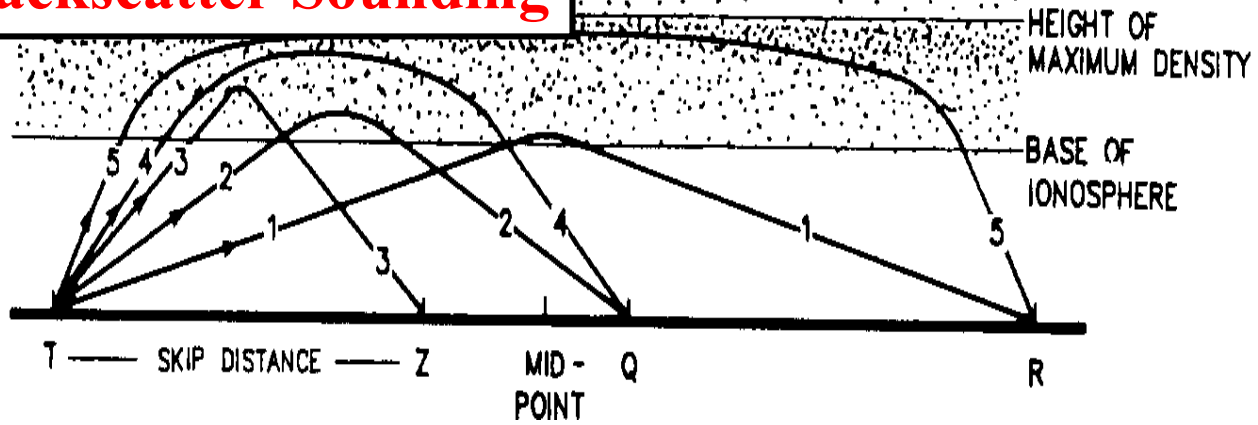


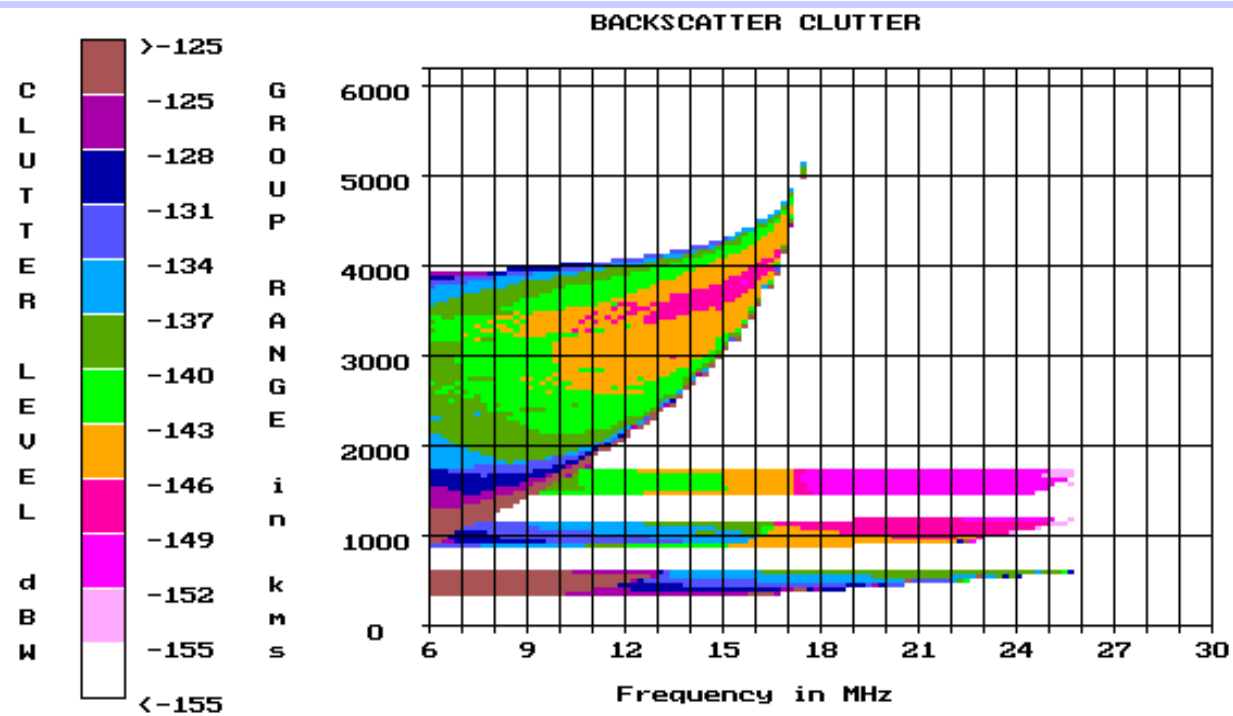
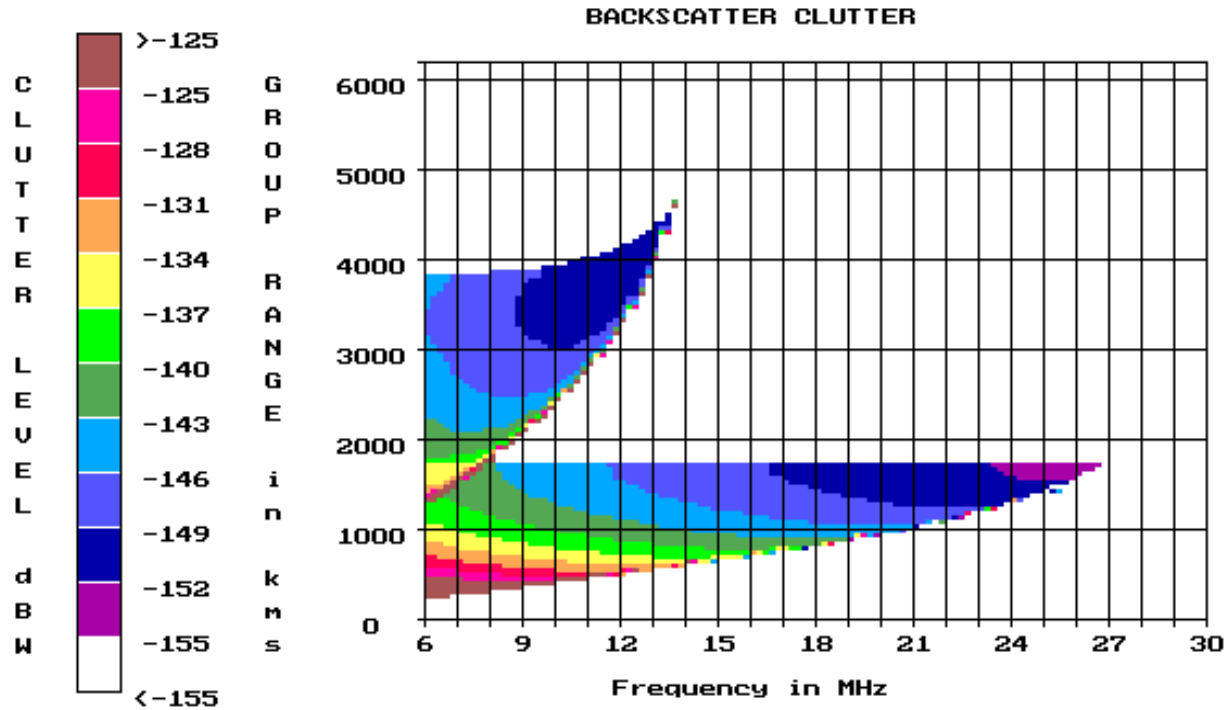
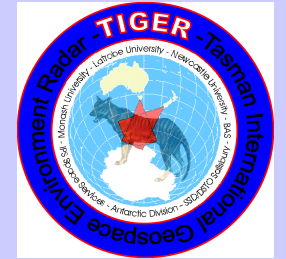
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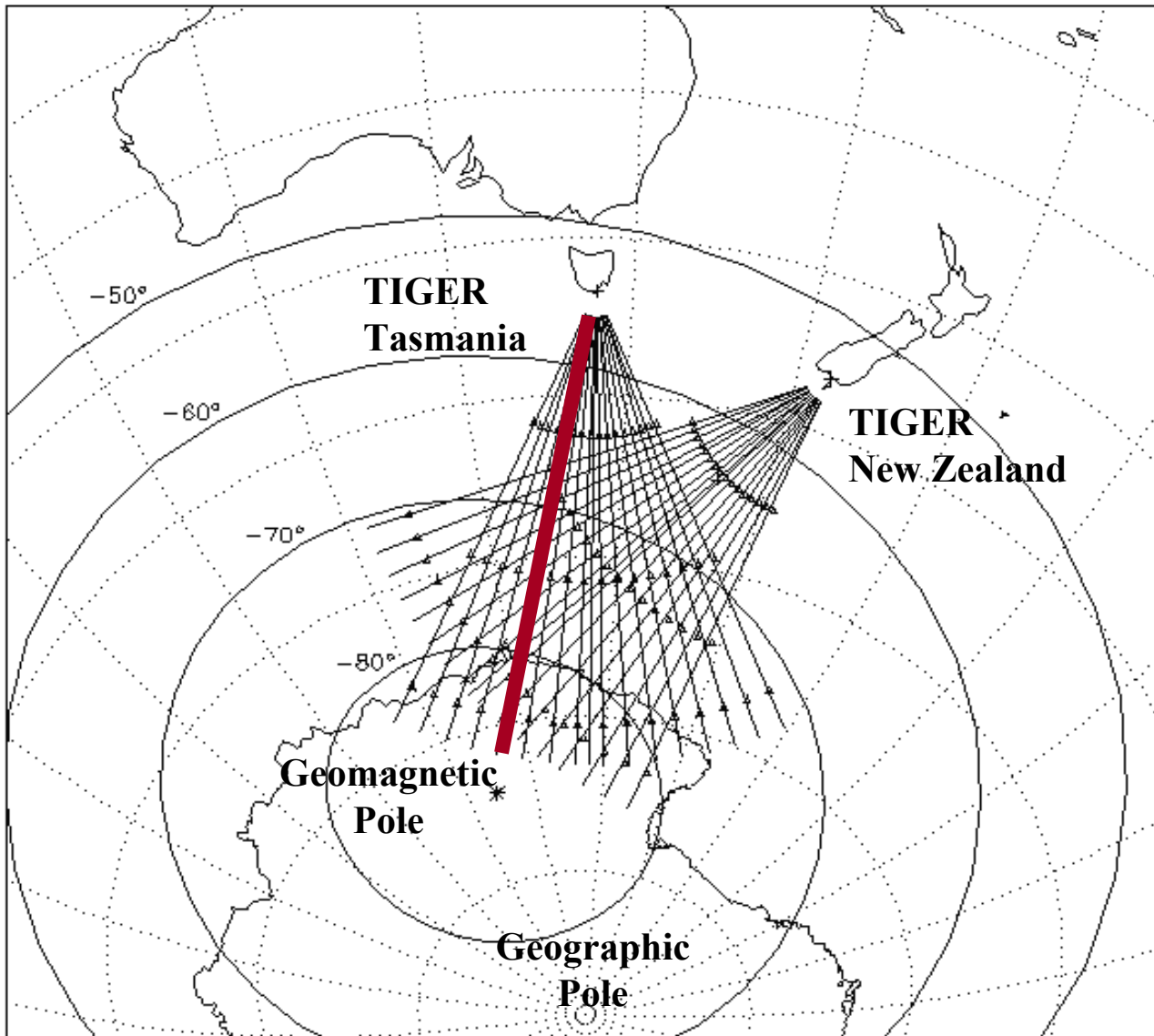
(c) Ken Lynn

Backscatter Sounding





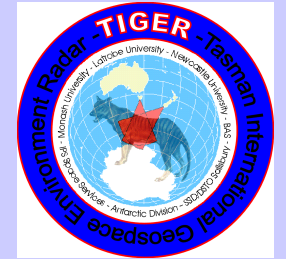
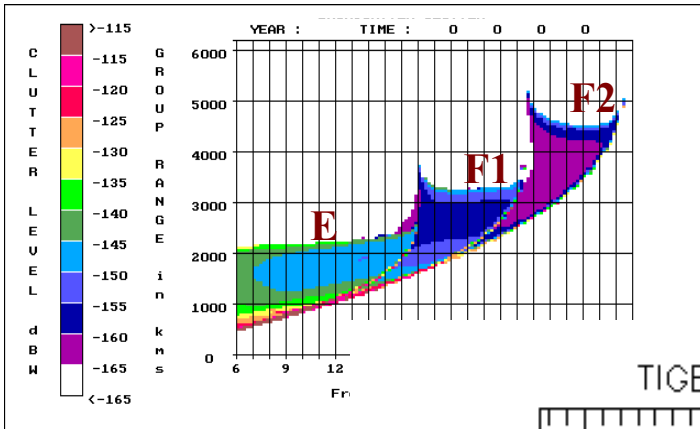
TIGER Oblique Backscatter Ionograms



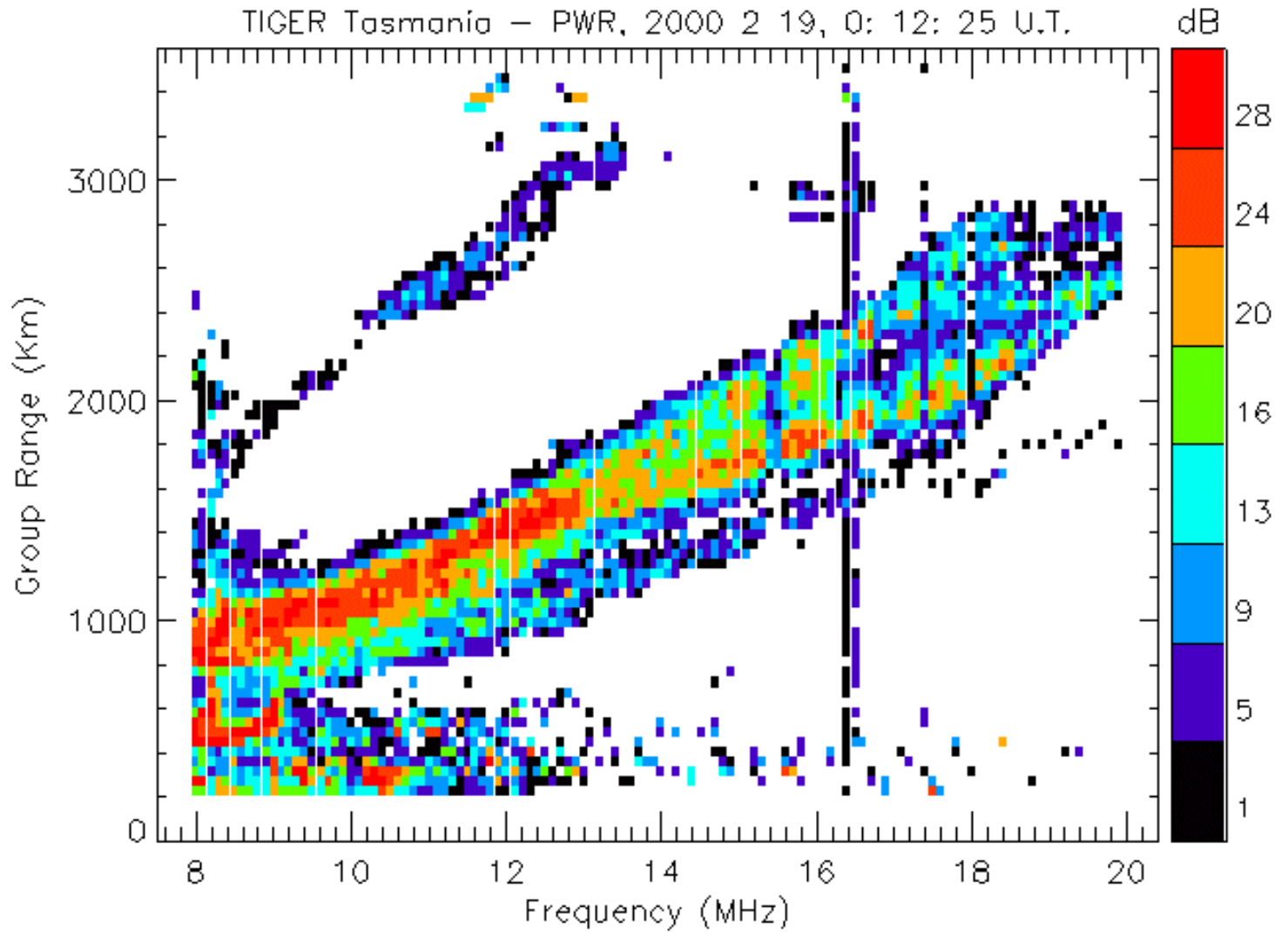
**Beam 4
8-20 MHz**

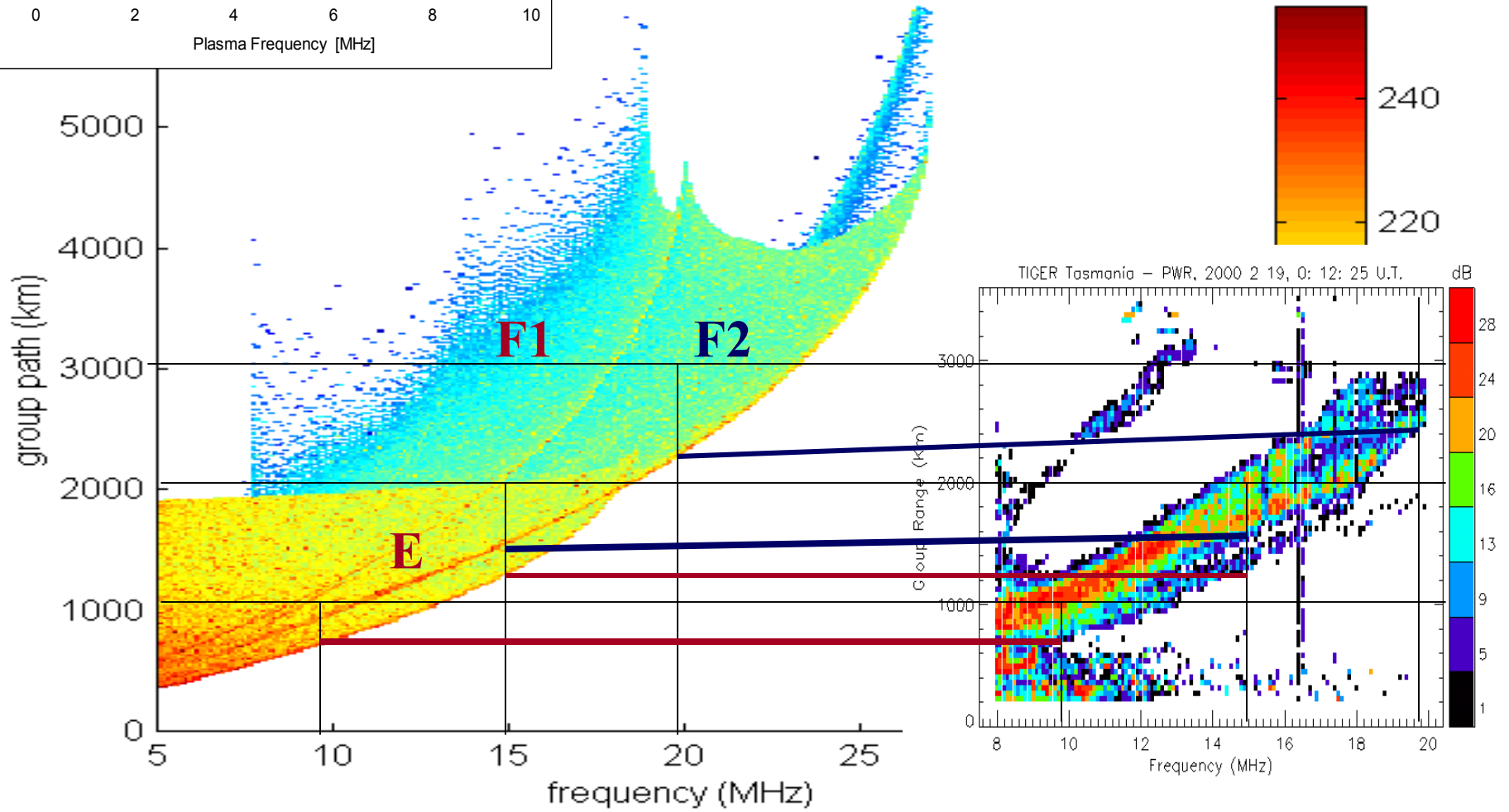
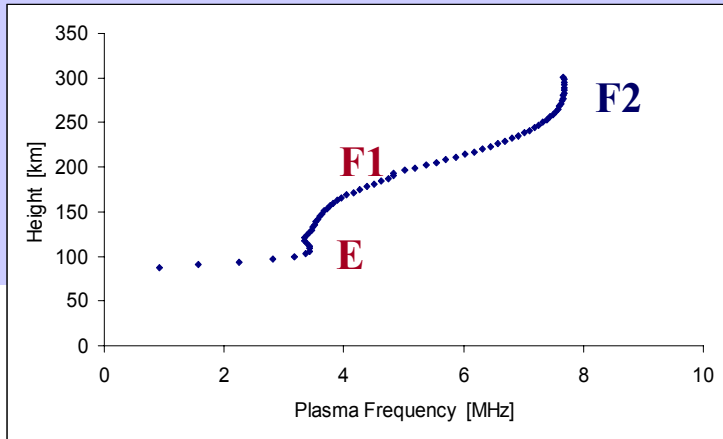
**Scan Time of 6 min
Repeat every 15 min**

19-20 Feb 2000

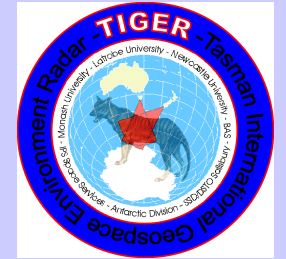
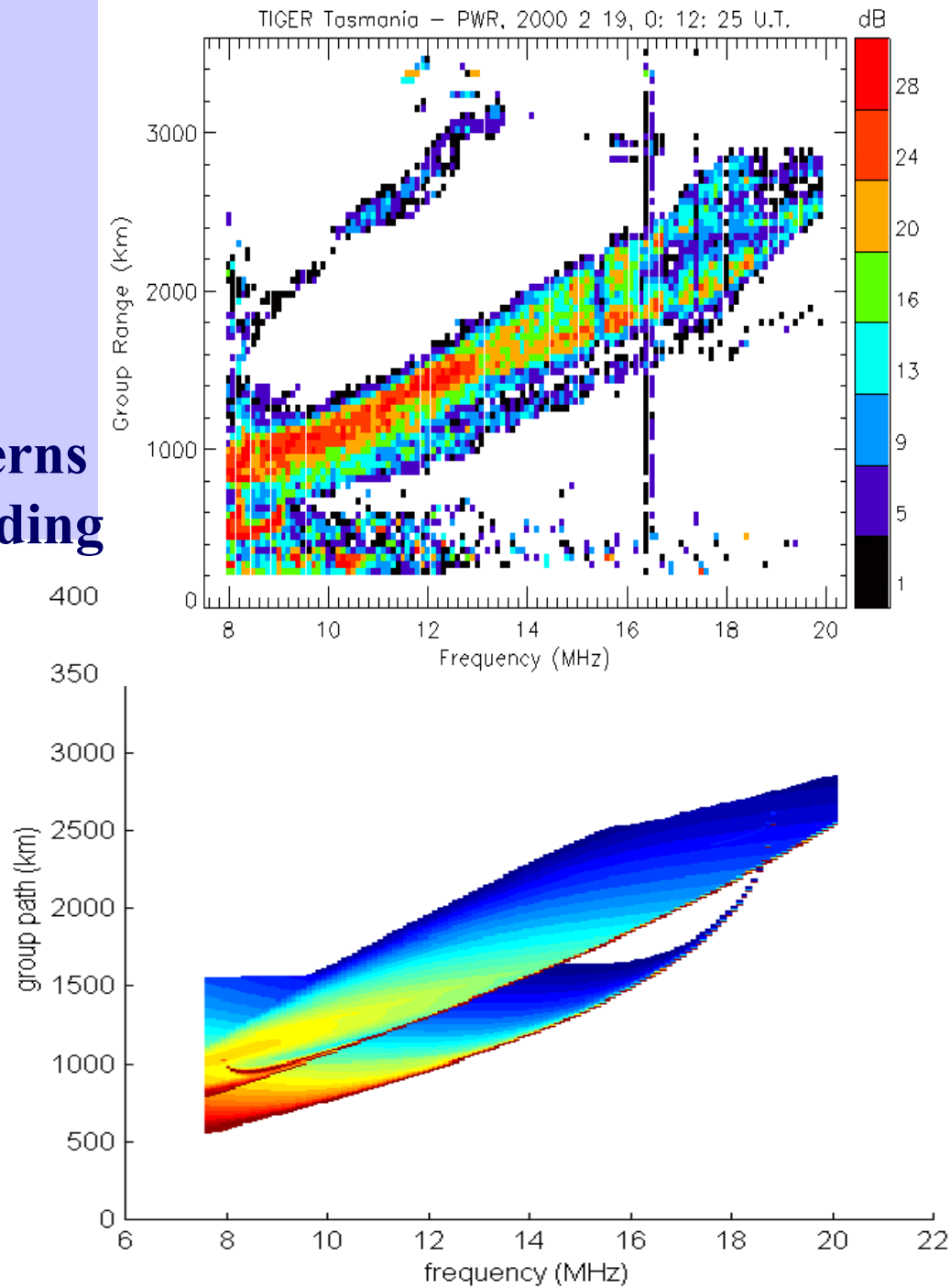


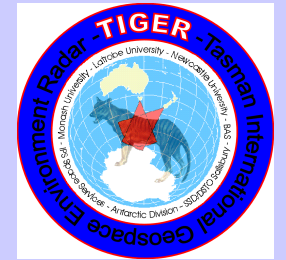
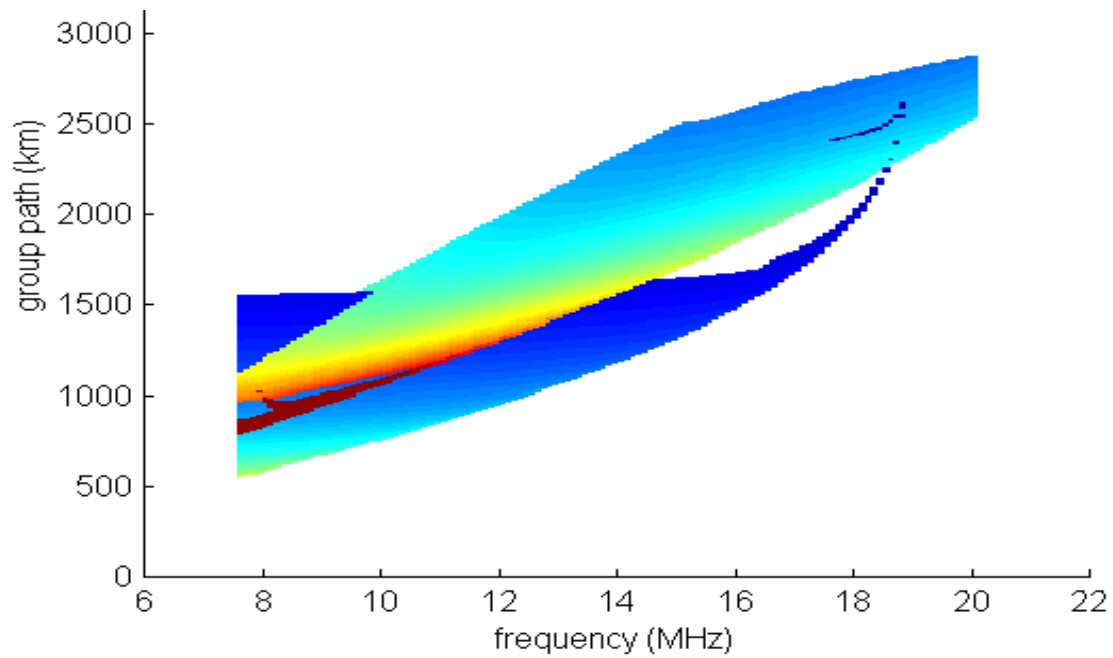
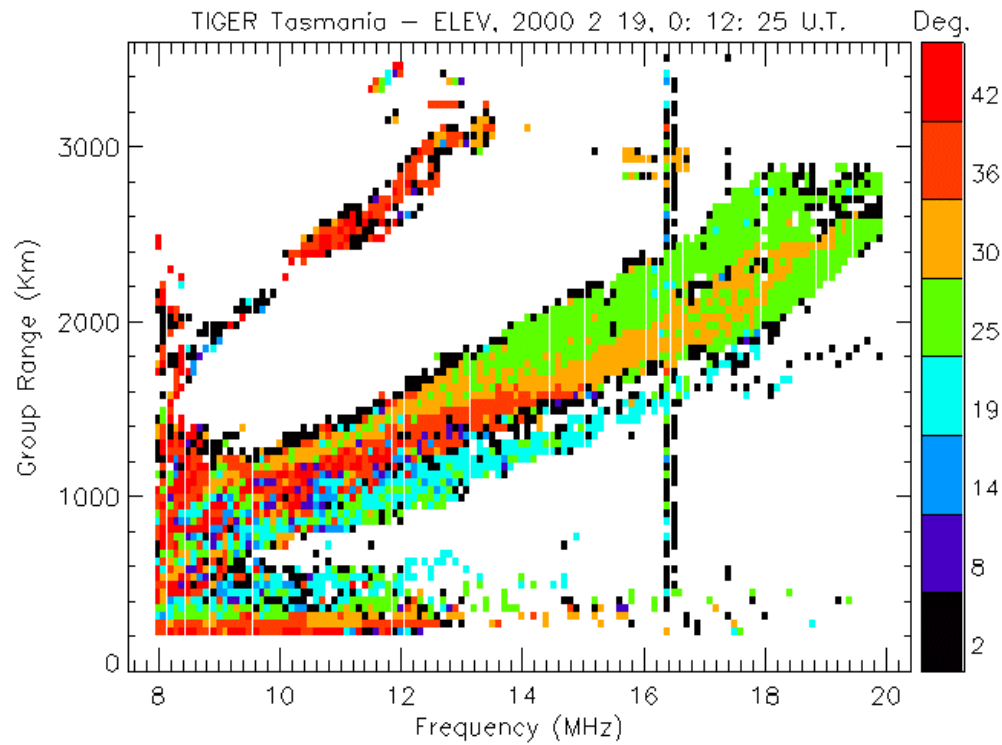
TIGER Tasmania - PWR, 2000 2 19, 0: 12: 25 U.T.

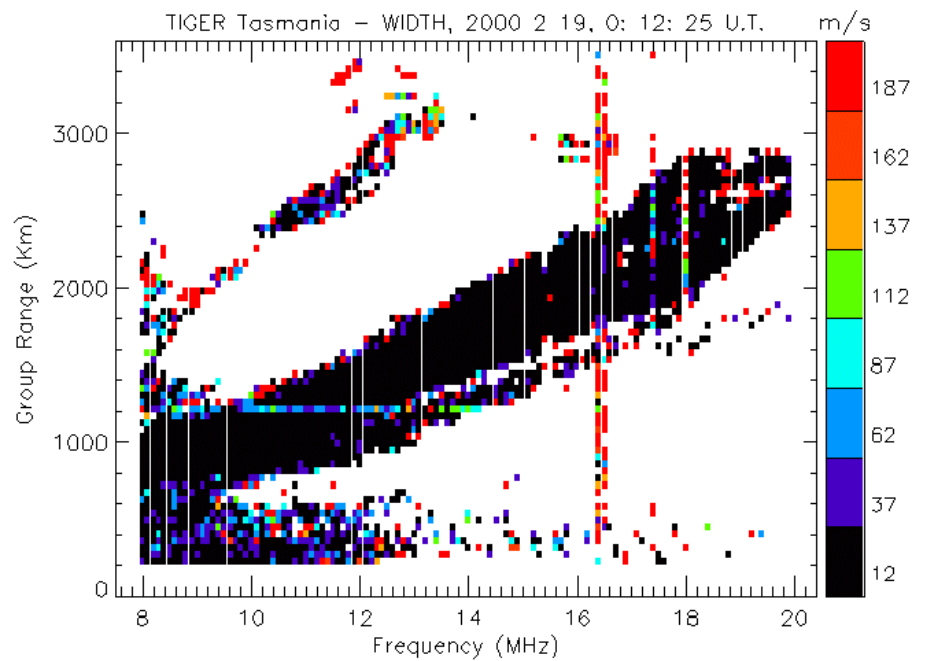
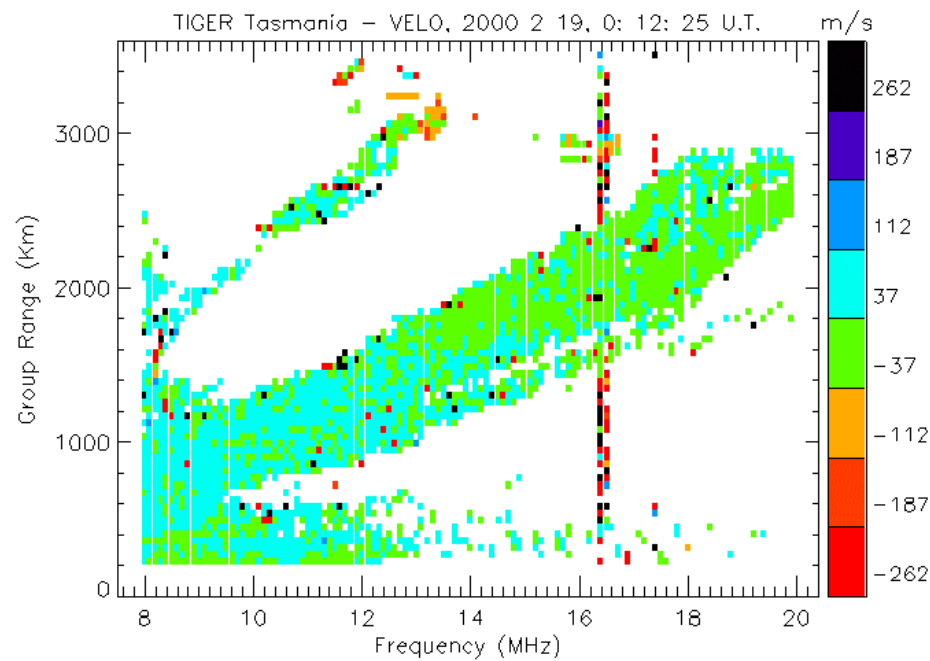
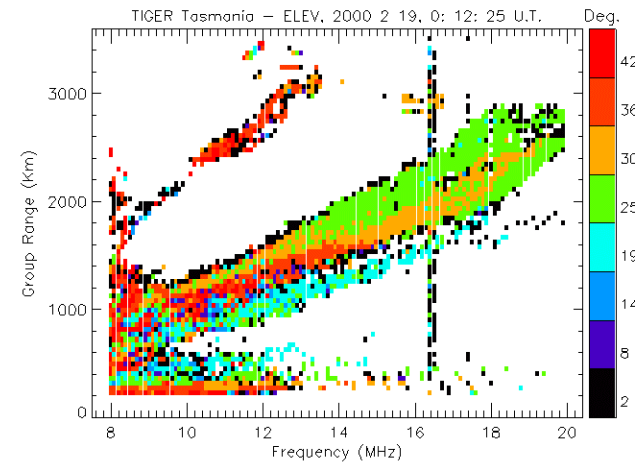
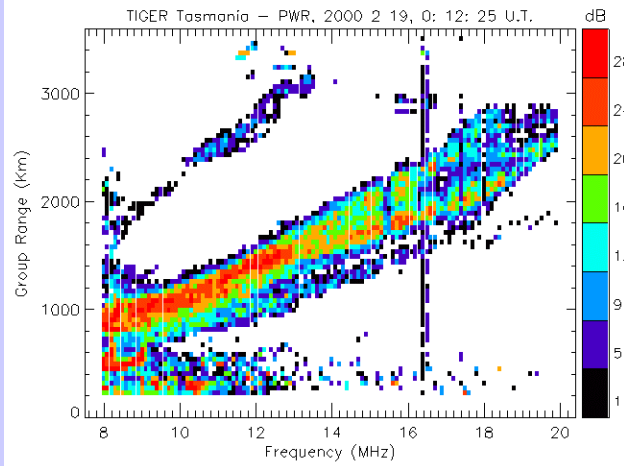


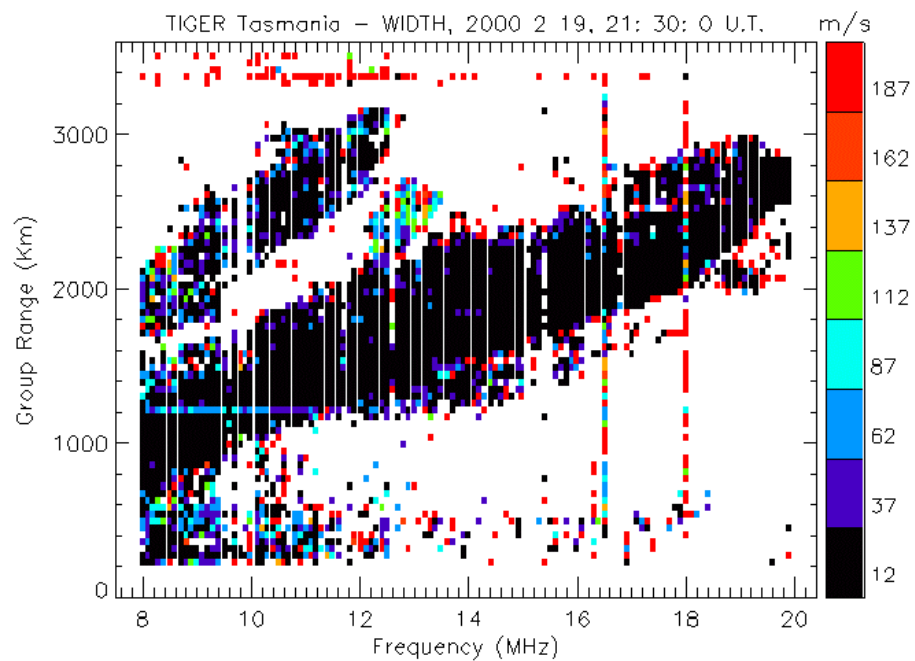
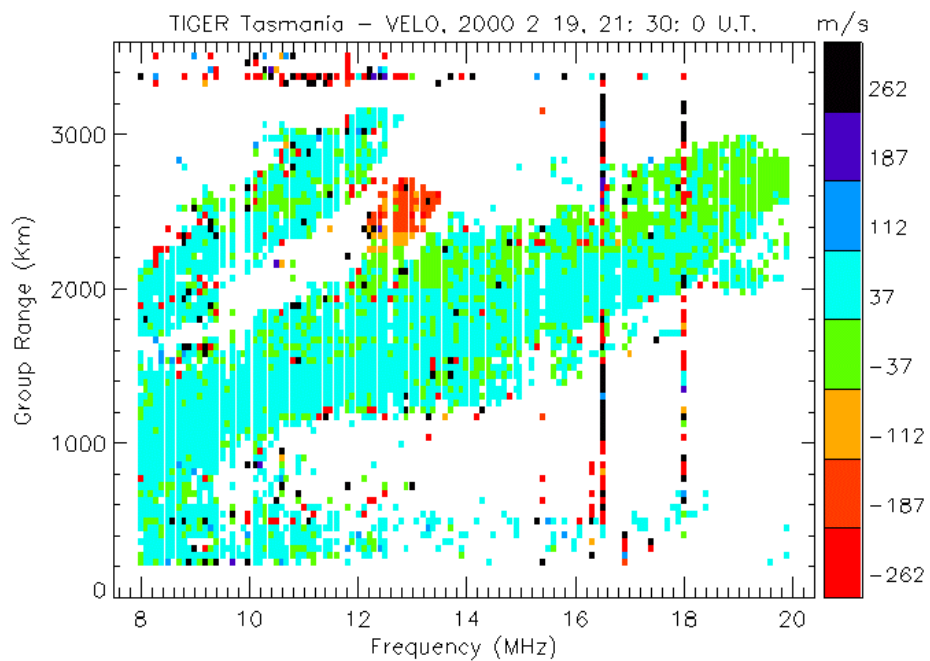
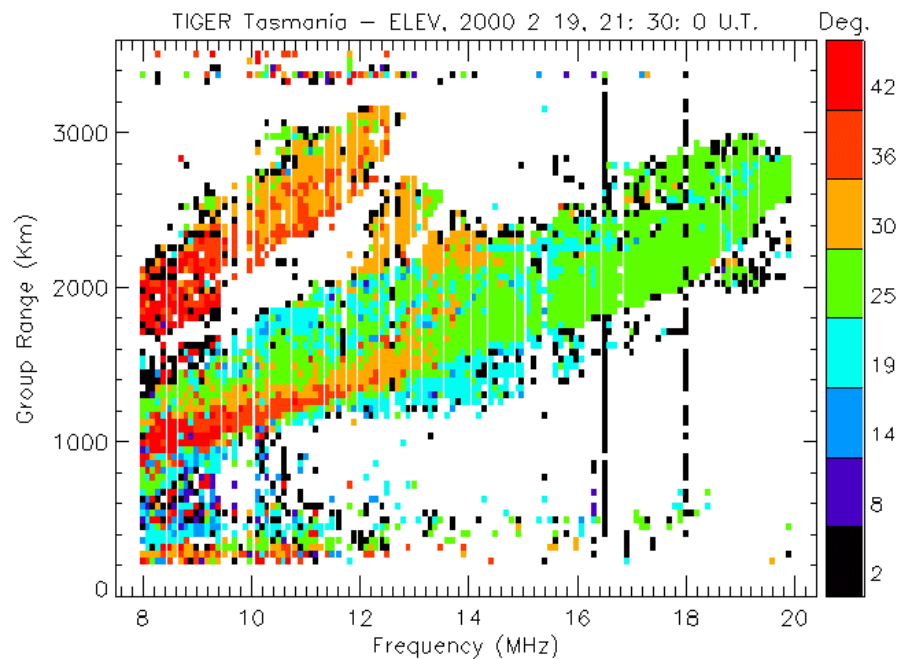
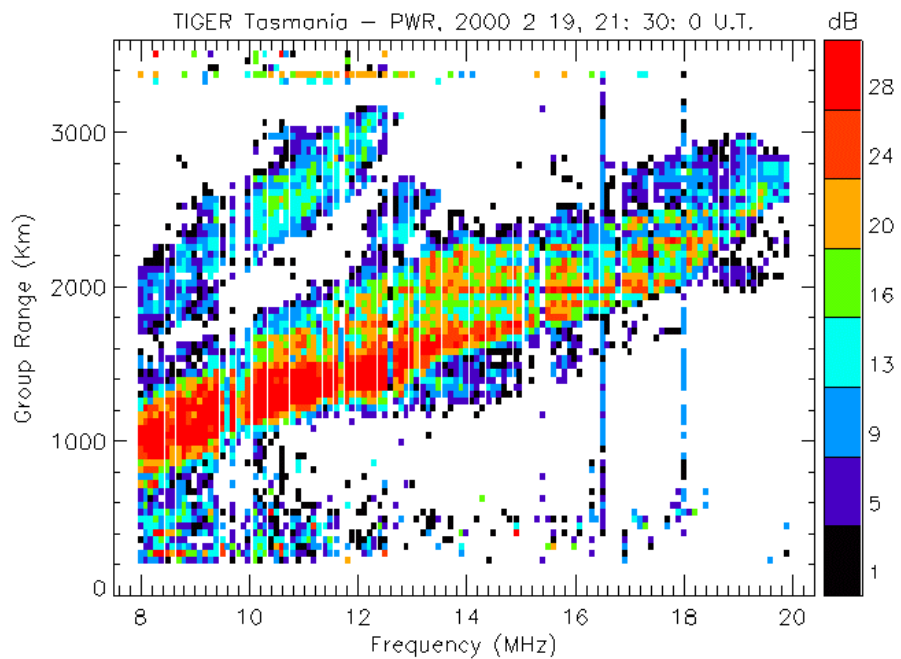


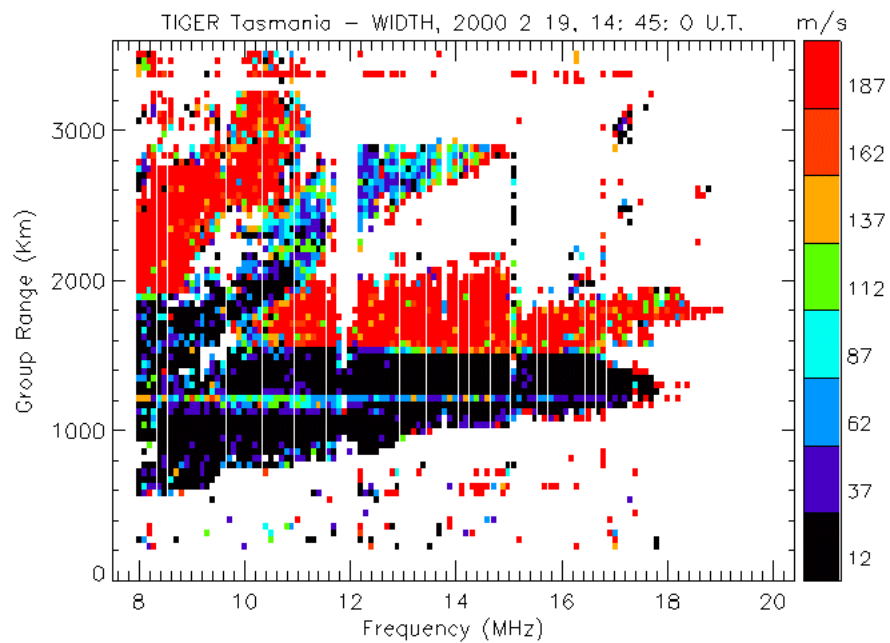
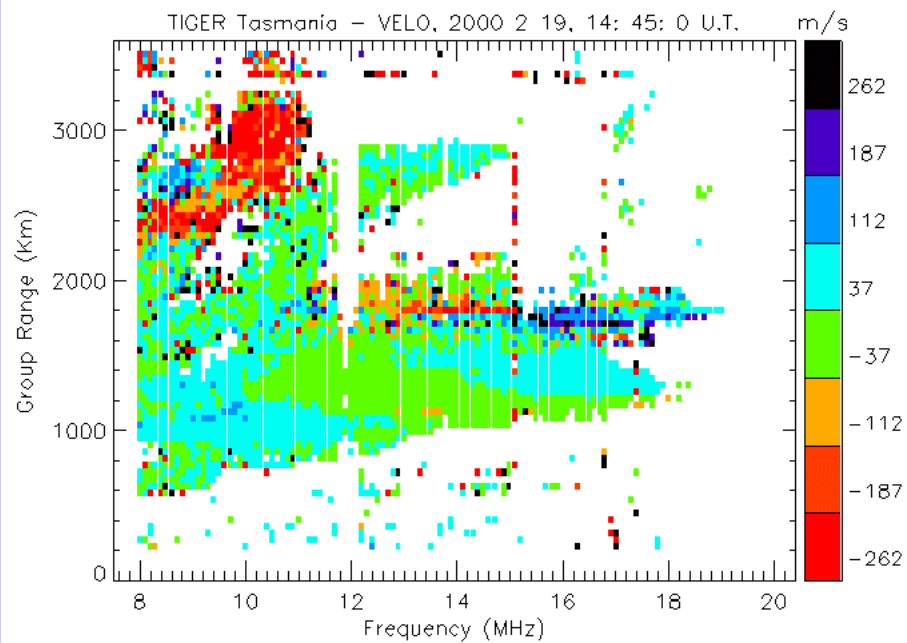
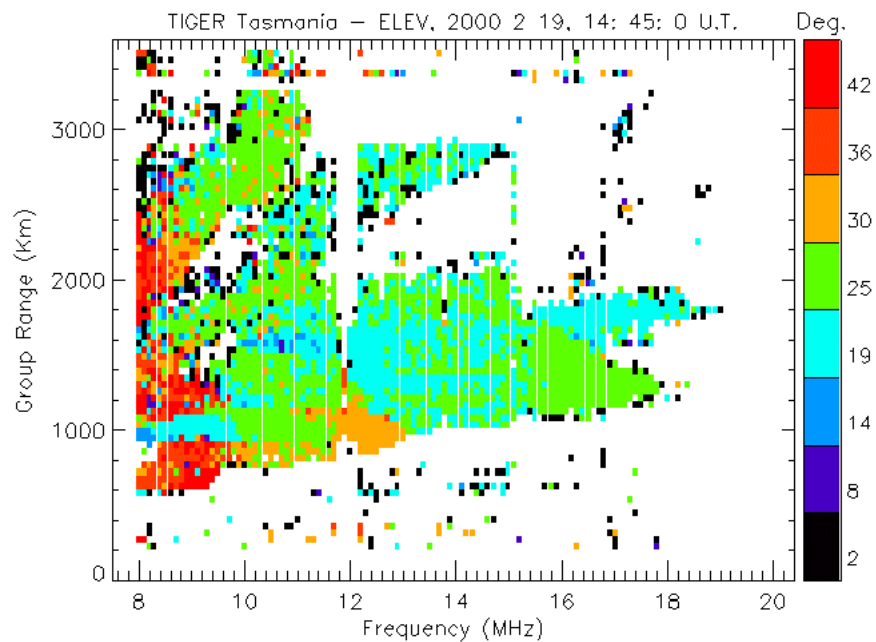
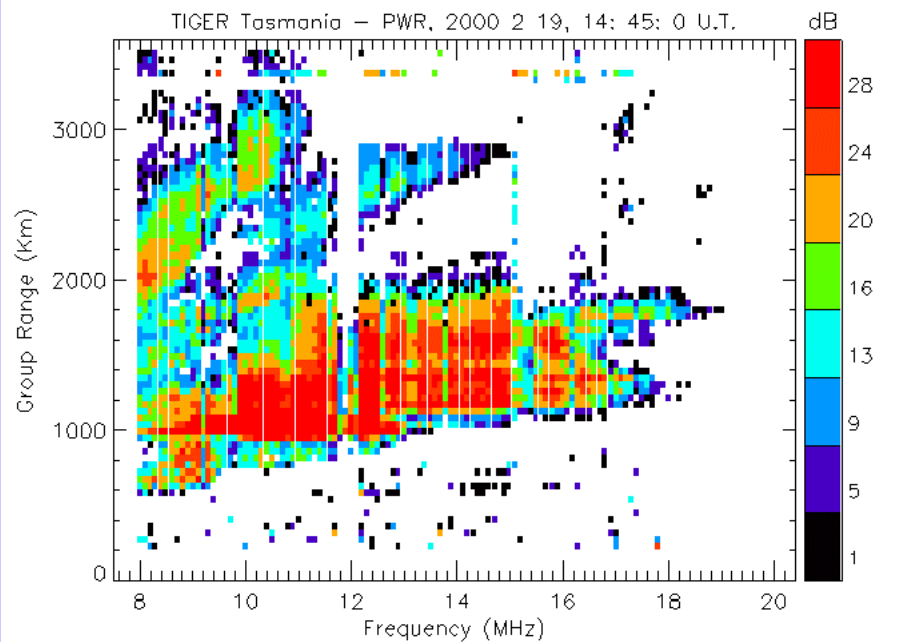
Antenna Patterns Plus Thresholding

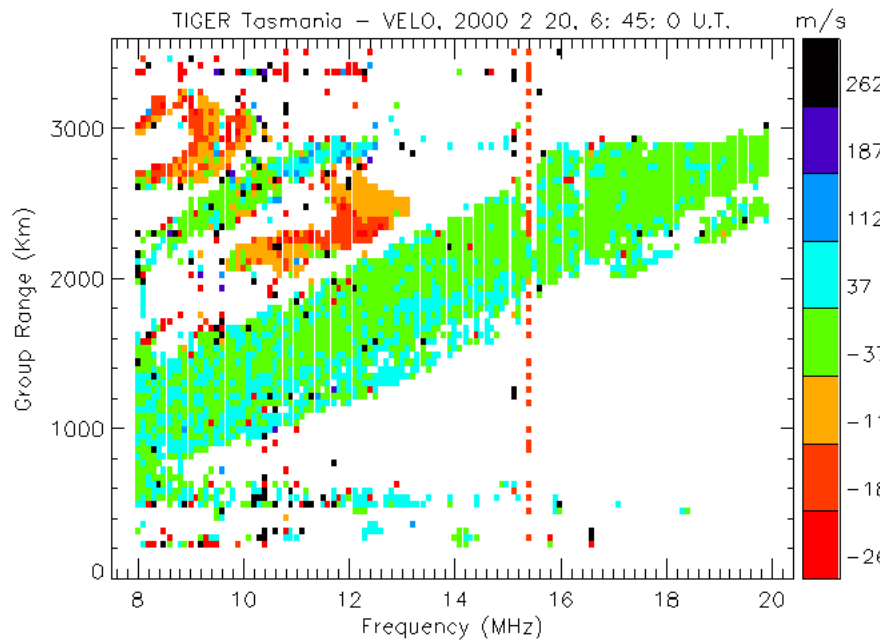
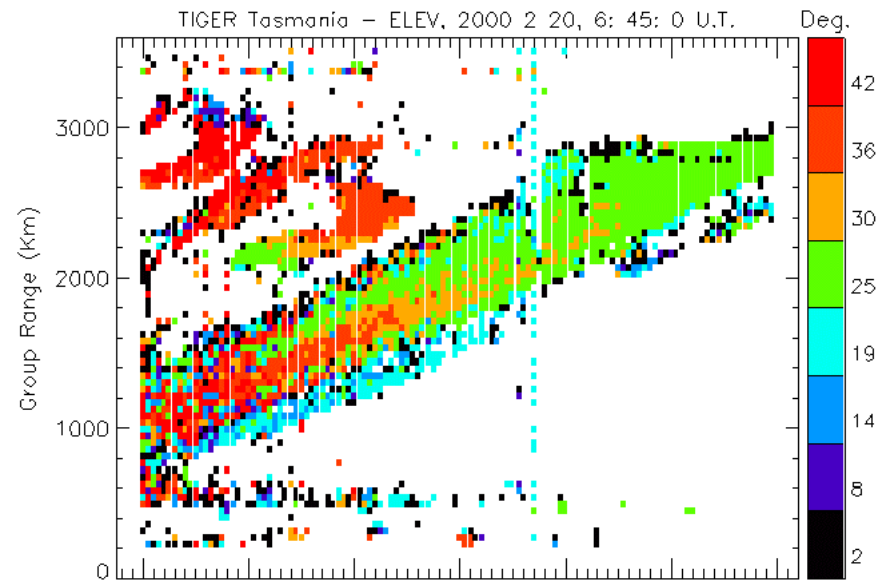
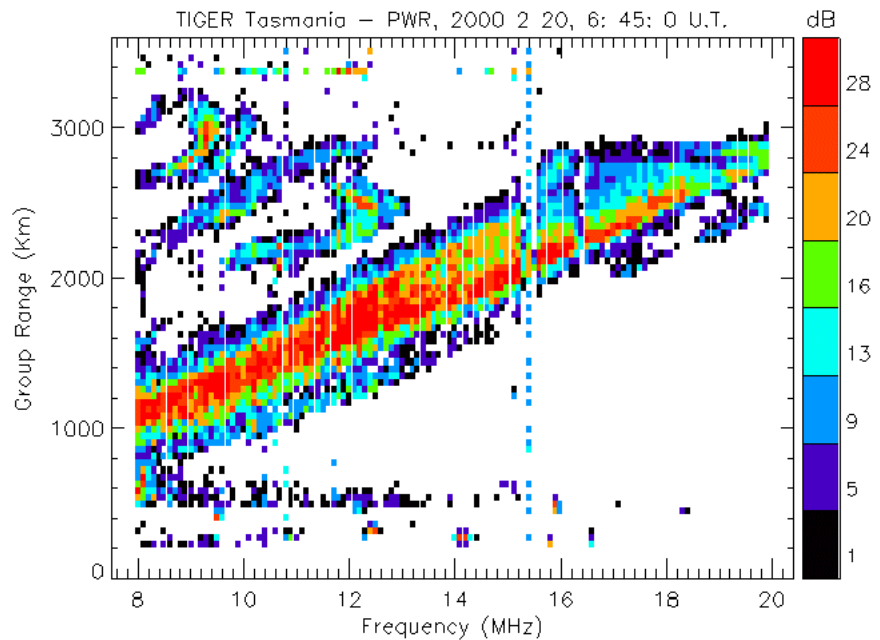












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