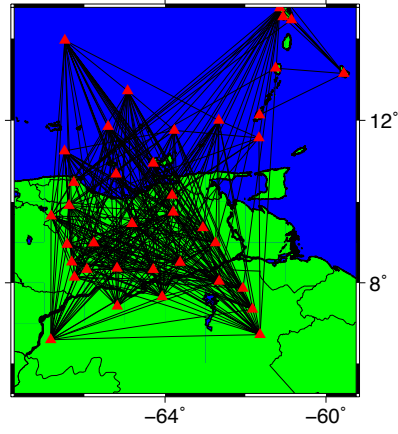


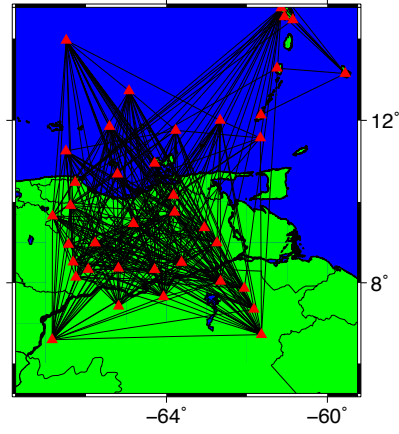
APÉNDICES

Apéndice 1. Mapa de rayos para velocidad de grupo entre 5 s y 10 s de periodo.

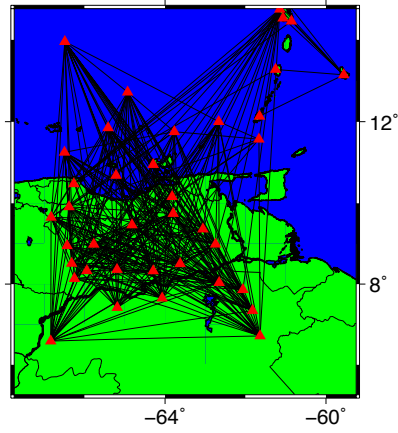
Group 5s



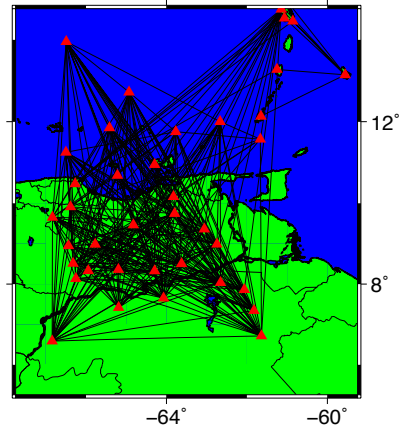
Group 6s



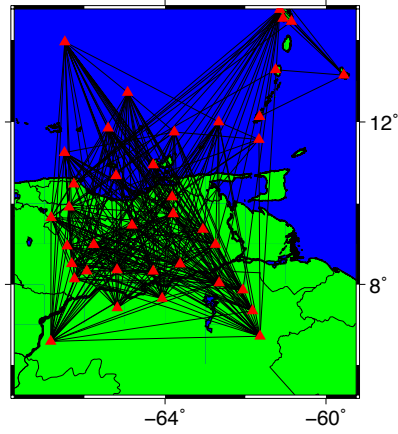
Group 7s



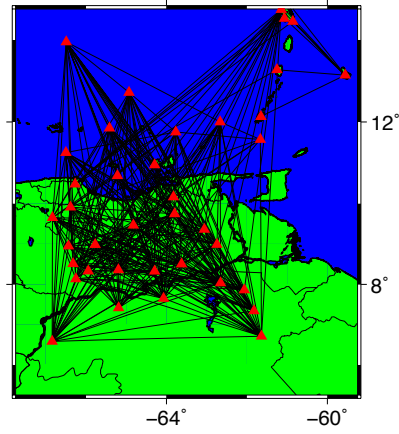
Group 8s



Group 9s

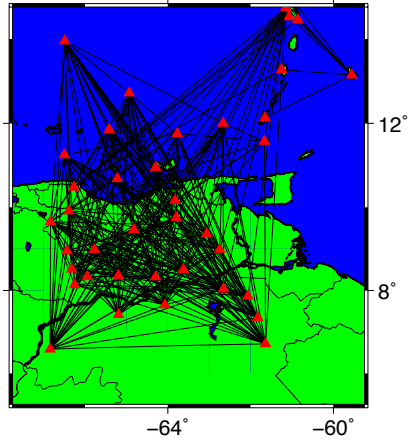


Group 10s

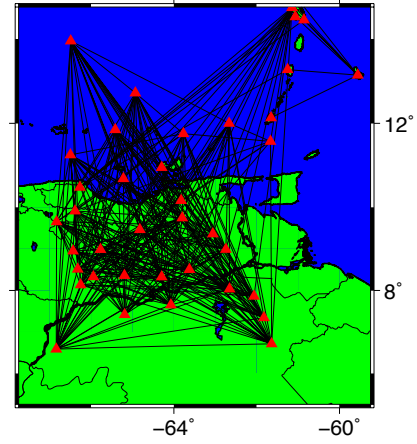


Apéndice 2. Mapa de rayos para velocidad de grupo entre 11 s y 16 s de periodo.

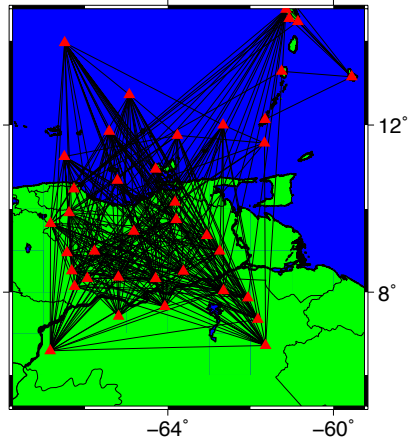
Group 11s



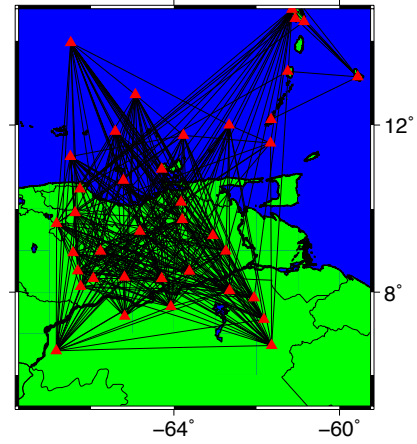
Group 12s



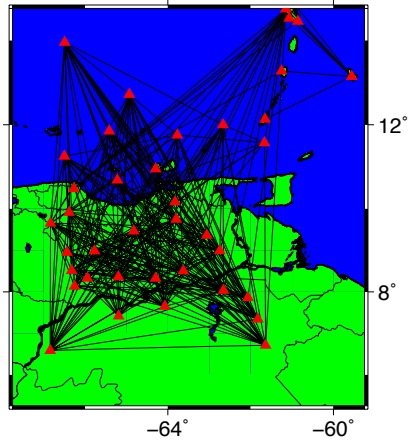
Group 13s



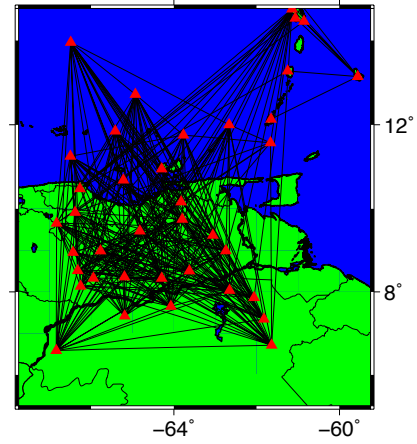
Group 14s



Group 15s

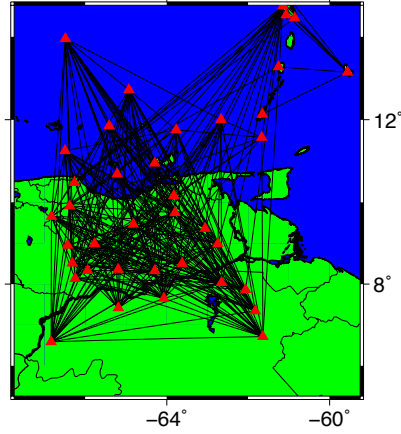


Group 16s

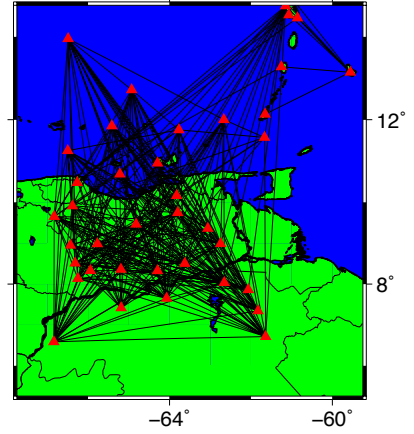


Apéndice 3. Mapa de rayos para velocidad de grupo entre 17 s y 22 s de periodo.

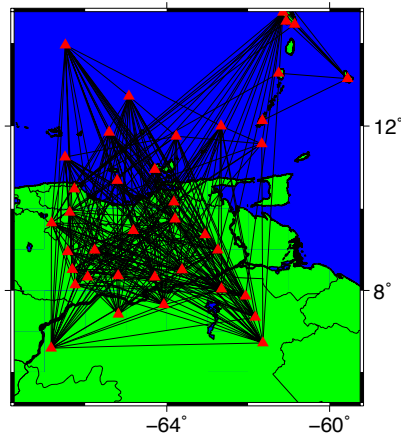
Group 17s



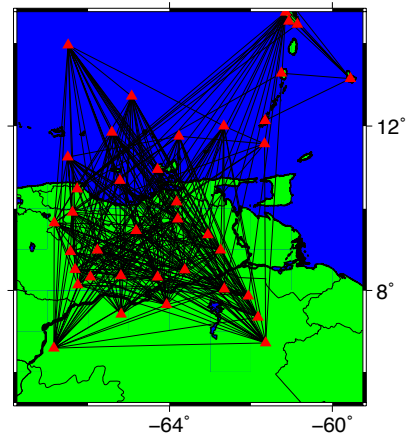
Group 18s



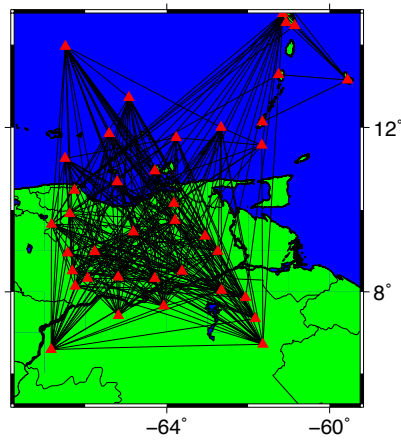
Group 19s



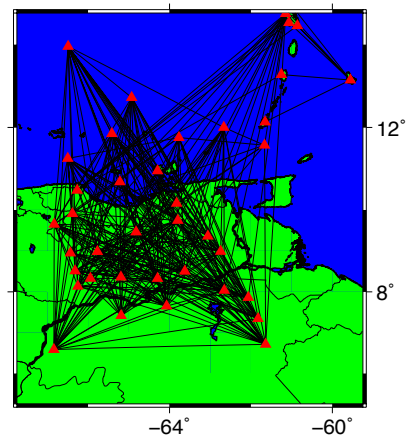
Group 20s



Group 21s

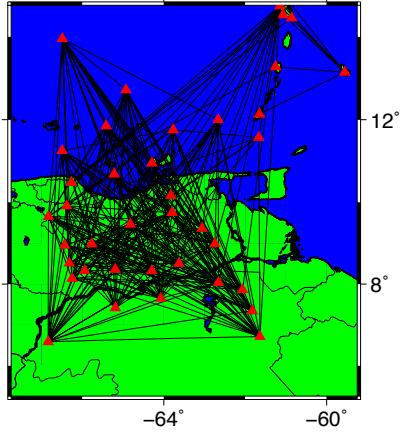


Group 22s

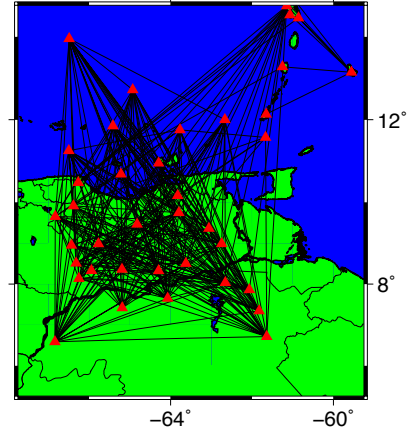


Apéndice 4. Mapa de rayos para velocidad de grupo entre 23 s y 28 s de periodo.

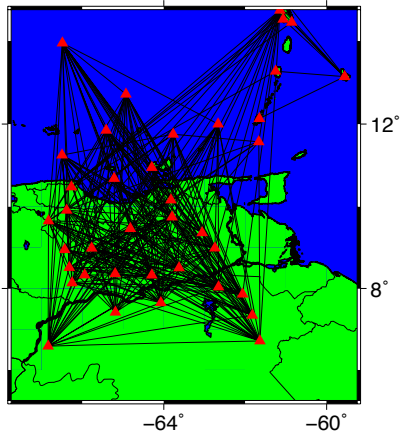
Group 23s



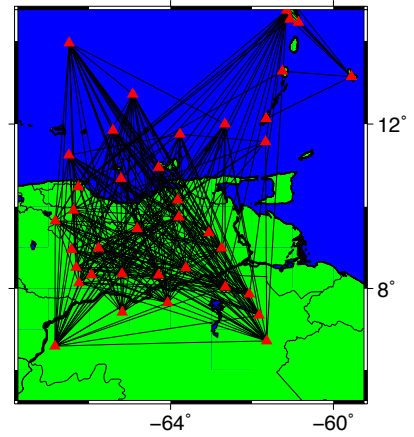
Group 24s



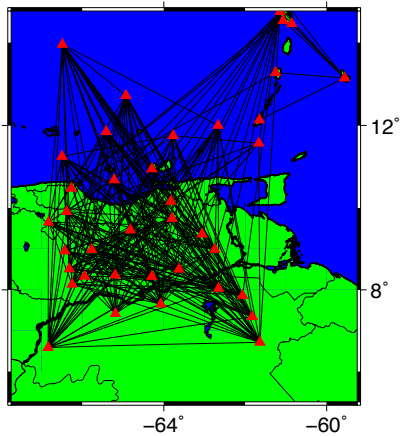
Group 25s



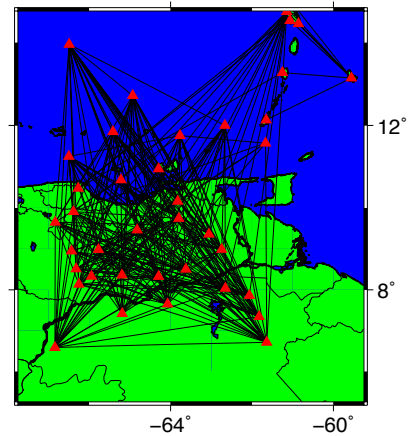
Group 26s



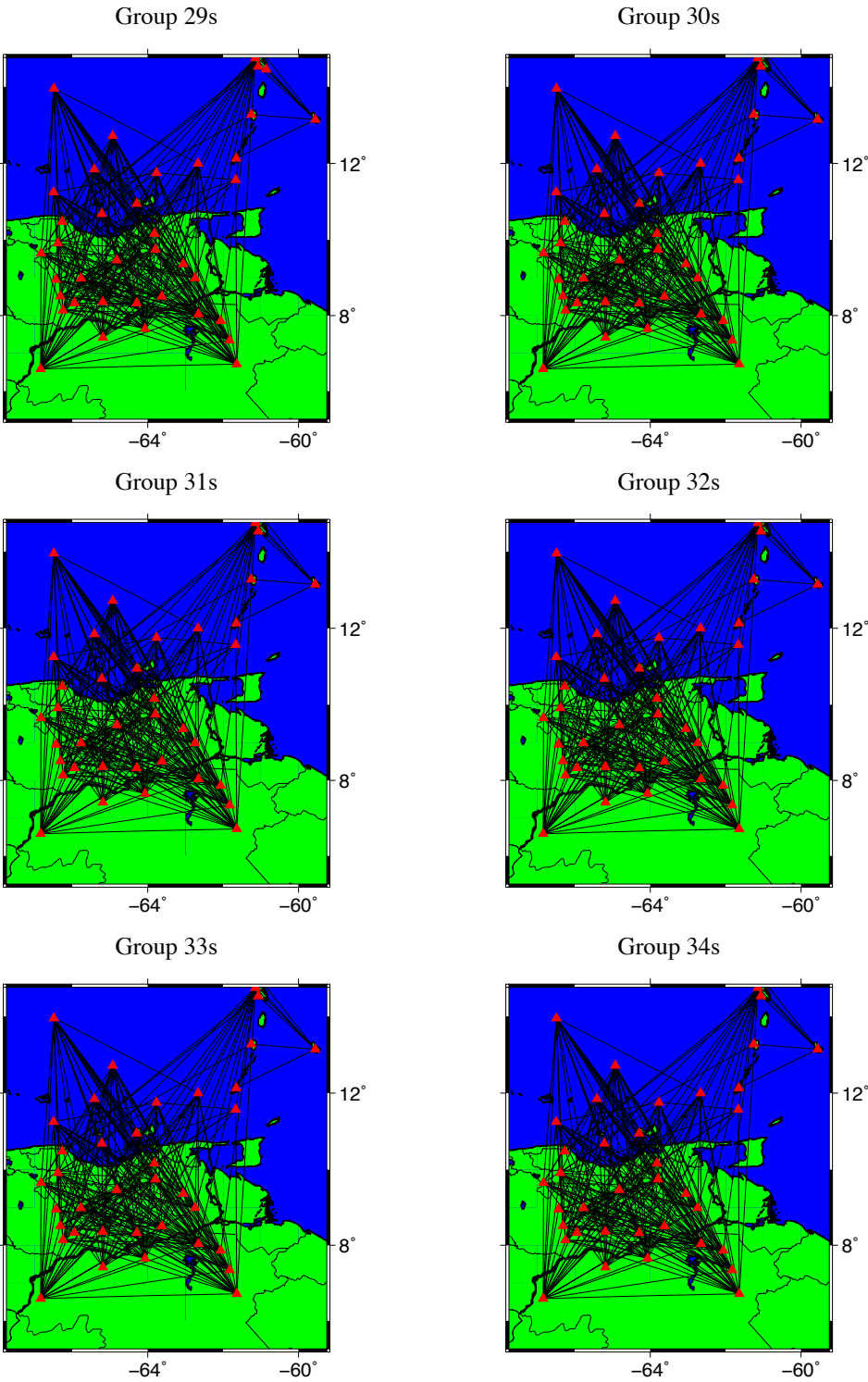
Group 27s



Group 28s

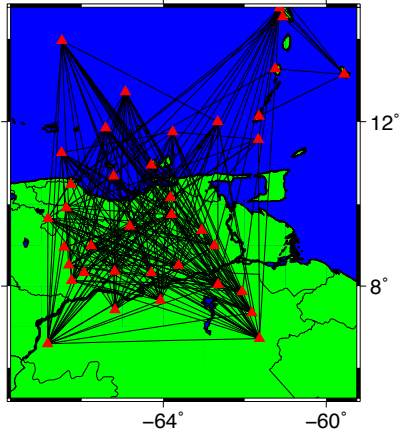


Apéndice 5. Mapa de rayos para velocidad de grupo entre 29 s y 34 s de periodo.

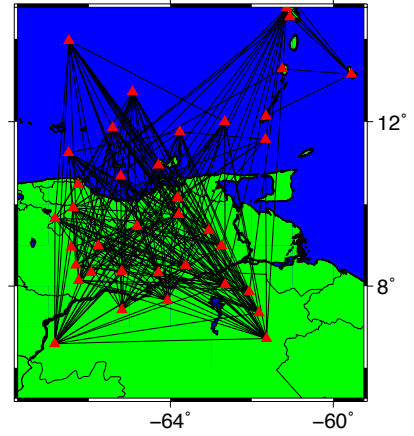


Apéndice 6. Mapa de rayos para velocidad de grupo entre 35 s y 40 s de periodo.

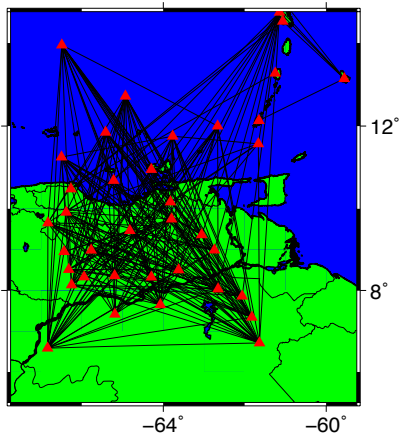
Group 35s



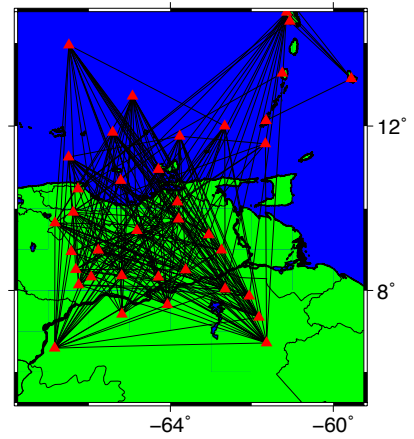
Group 36s



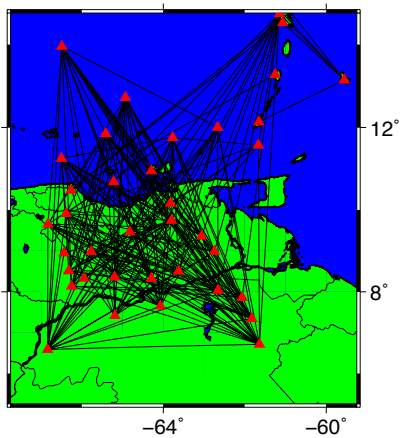
Group 37s



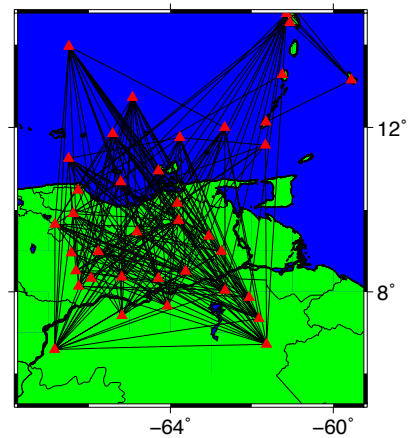
Group 38s



Group 39s

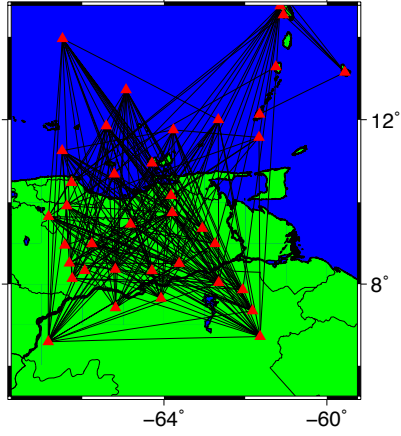


Group 40s

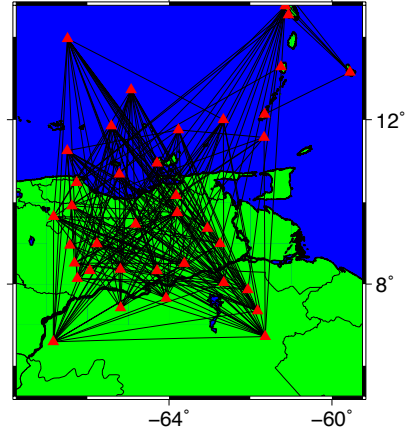


Apéndice 7. Mapa de rayos para velocidad de grupo entre 41 s y 46 s de periodo.

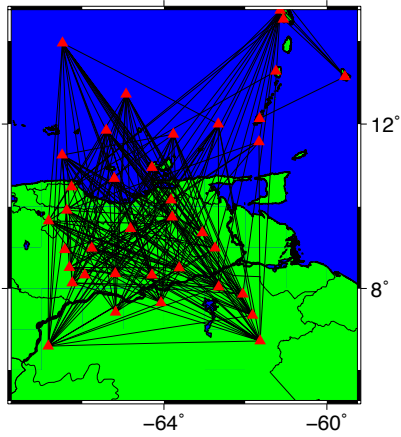
Group 41s



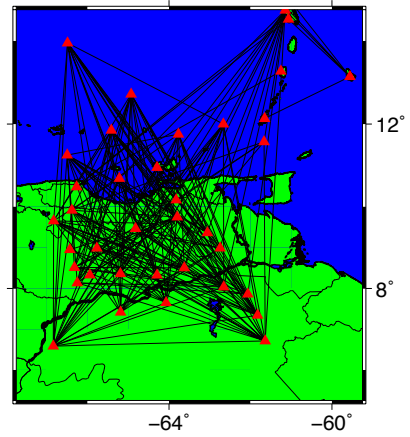
Group 42s



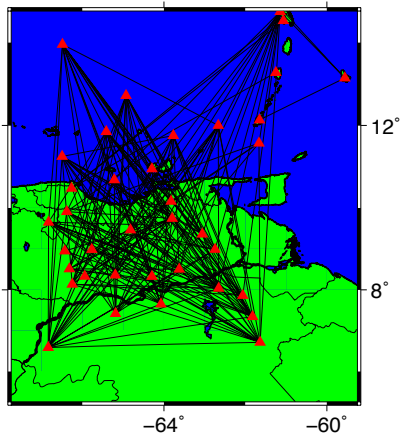
Group 43s



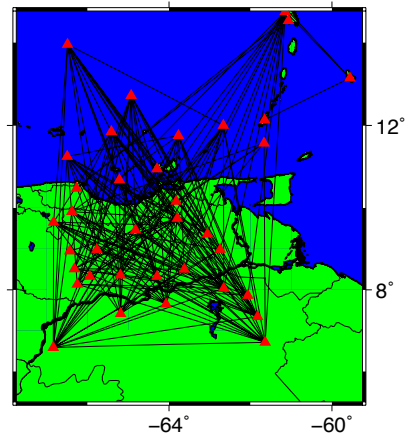
Group 44s



Group 45s

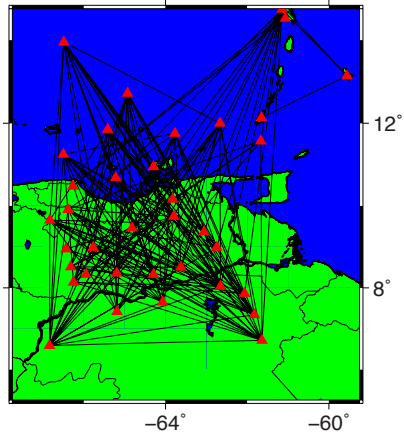


Group 46s

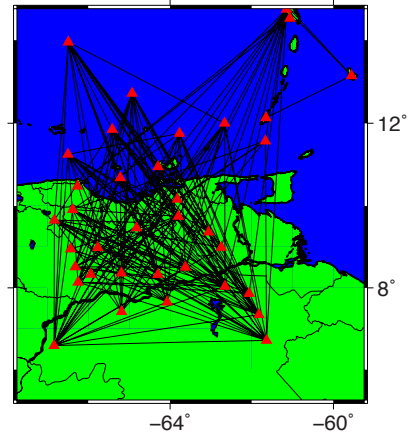


Apéndice 8. Mapa de rayos para velocidad de grupo 47 s y 50 s de periodo.

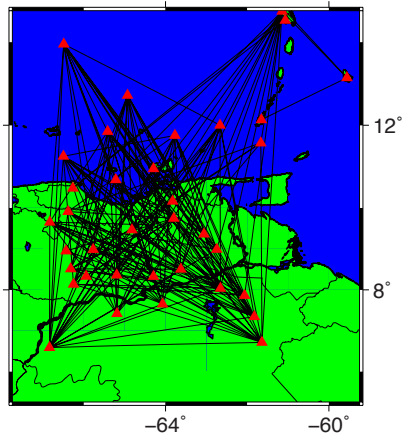
Group 47s



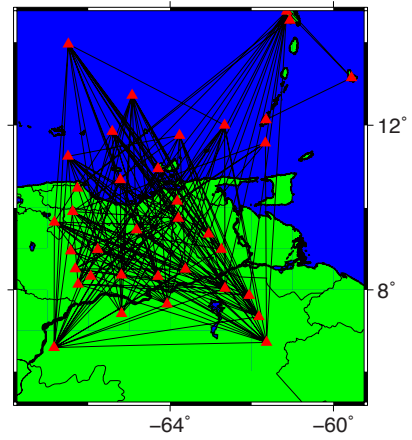
Group 48s



Group 49s

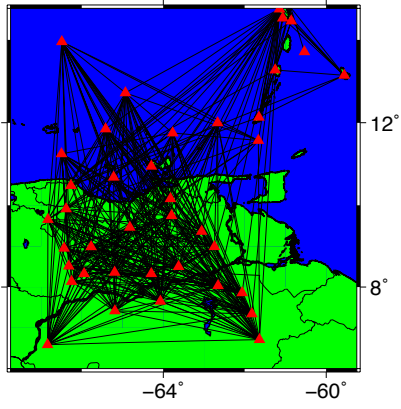


Group 50s

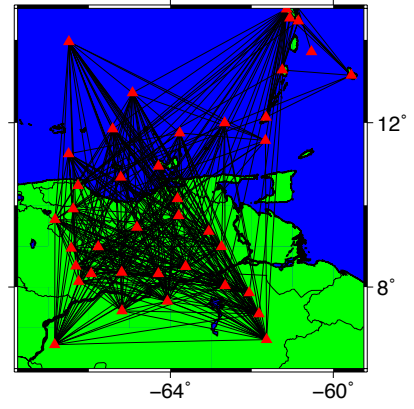


Apéndice 9. Mapa de rayos para velocidad de fase entre 5 s y 10 s de periodo.

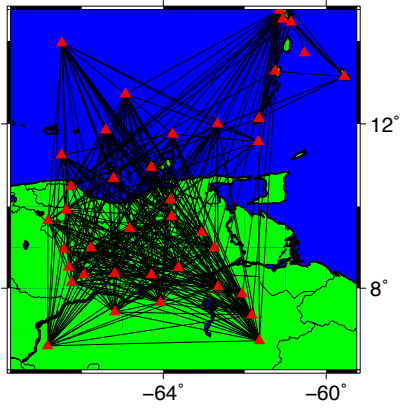
Phase 5s



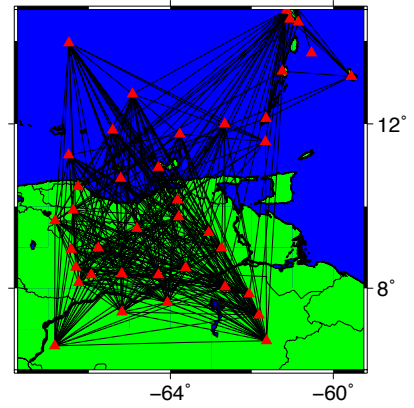
Phase 6s



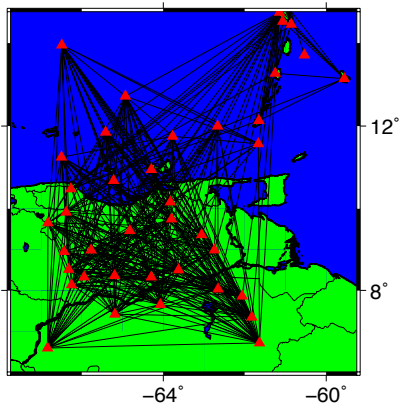
Phase 7s



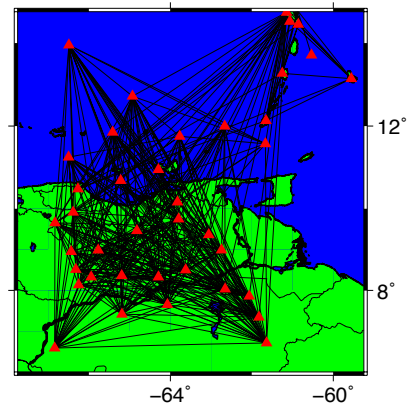
Phase 8s



Phase 9s

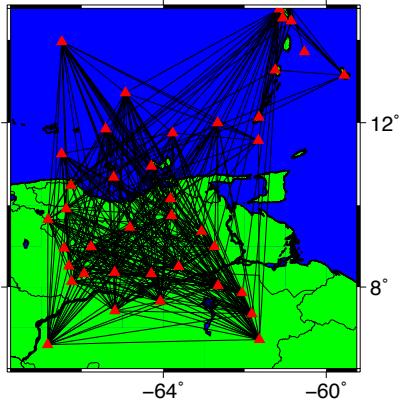


Phase 10s

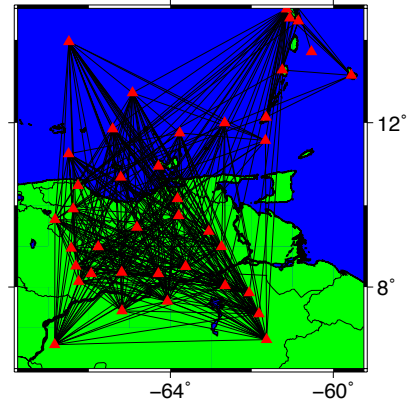


Apéndice 10. Mapa de rayos para velocidad de fase entre 11 s y 16 s de periodo.

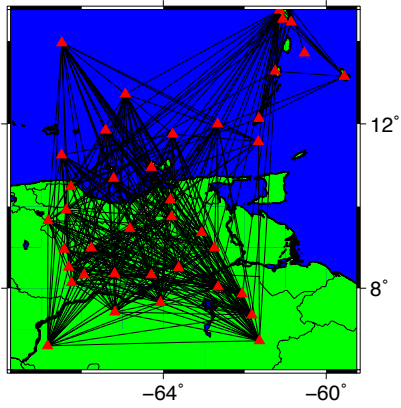
Phase 11s



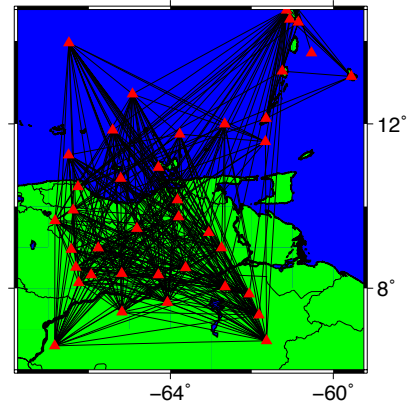
Phase 12s



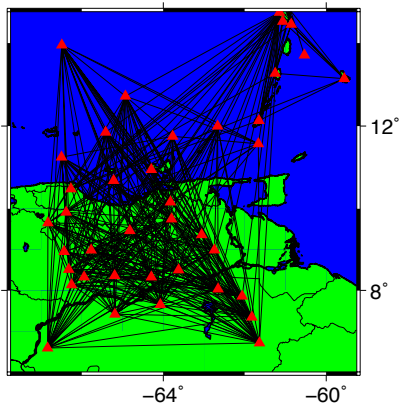
Phase 13s



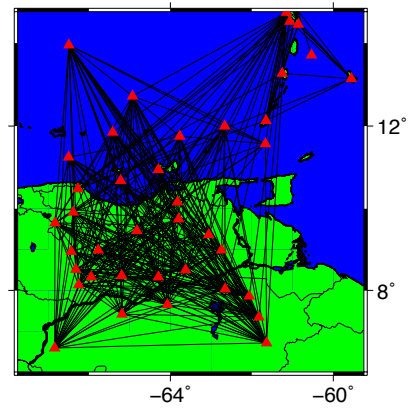
Phase 14s



Phase 15s

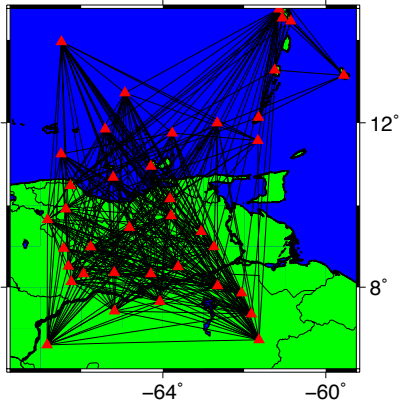


Phase 16s

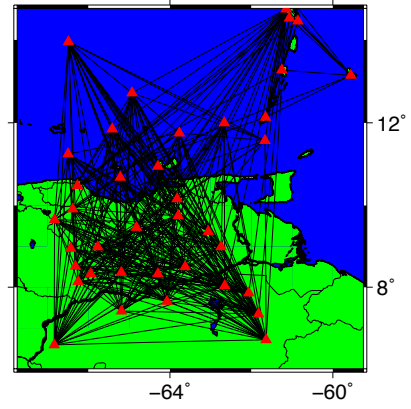


Apéndice 11. Mapa de rayos para velocidad de fase entre 17 s y 22 s de periodo.

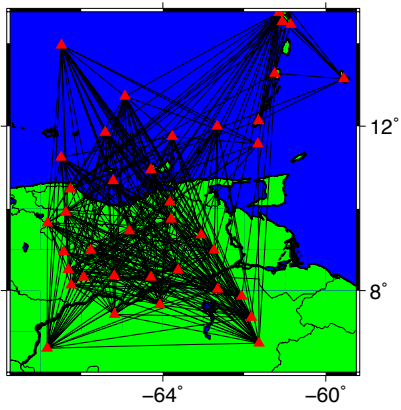
Phase 17s



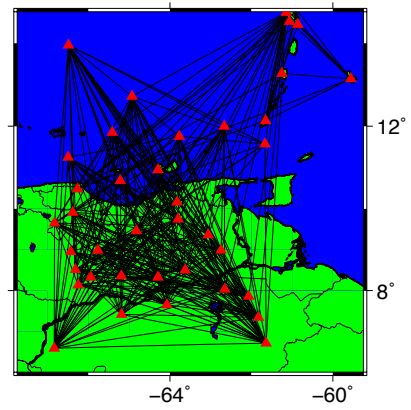
Phase 18s



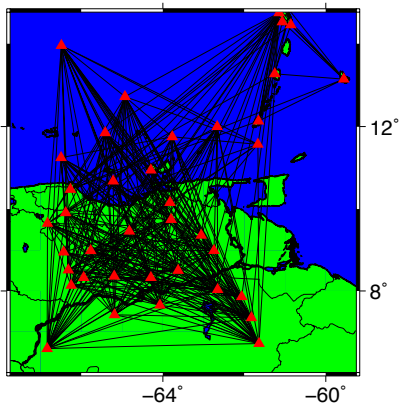
Phase 19s



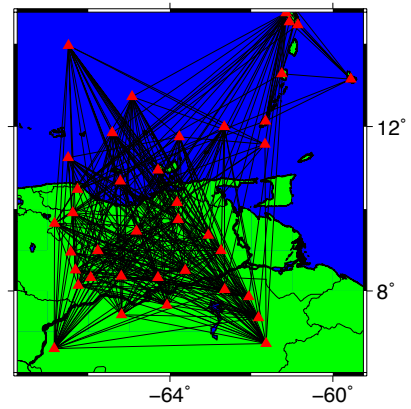
Phase 20s



Phase 21s

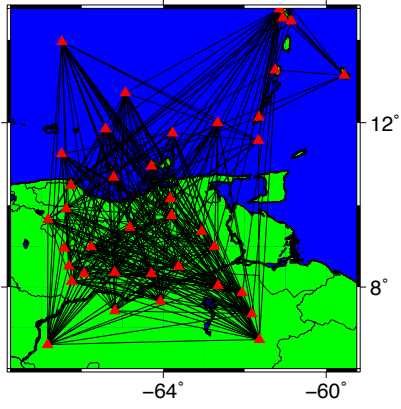


Phase 22s

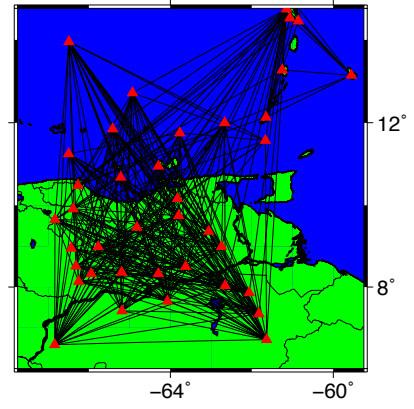


Apéndice 12. Mapa de rayos para velocidad de fase entre 23 s y 28 s de periodo.

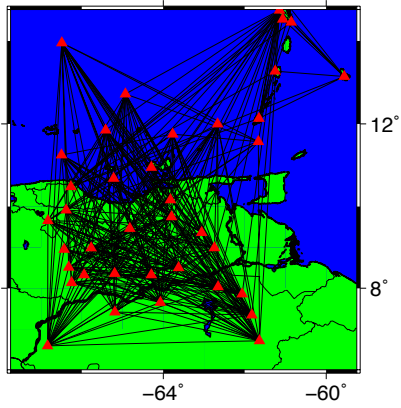
Phase 23s



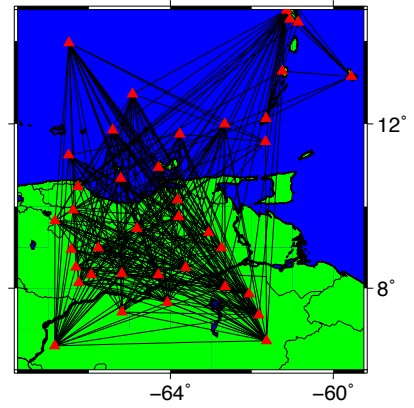
Phase 24s



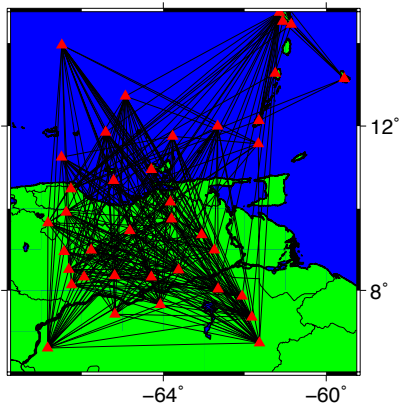
Phase 25s



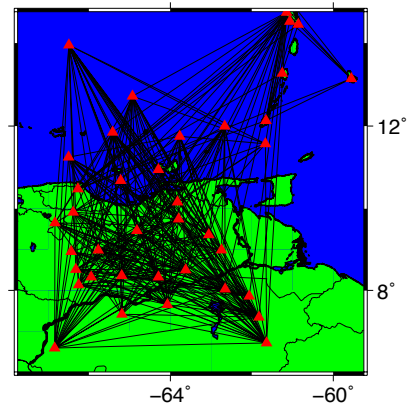
Phase 26s



Phase 27s

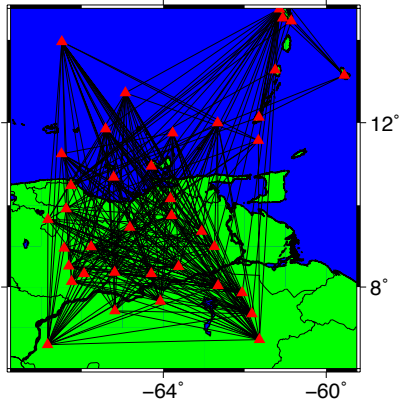


Phase 28s

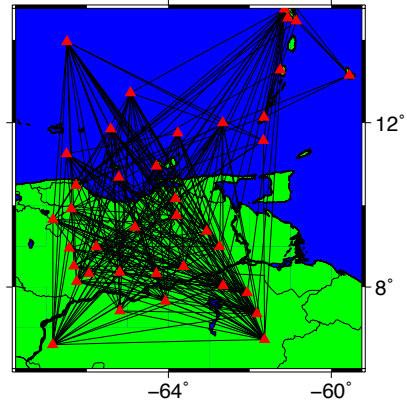


Apéndice 13. Mapa de rayos para velocidad de fase entre 29 s y 34 s de periodo.

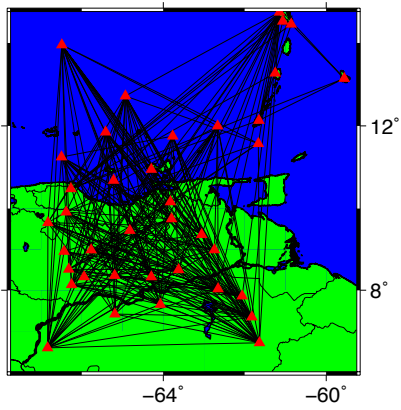
Phase 29s



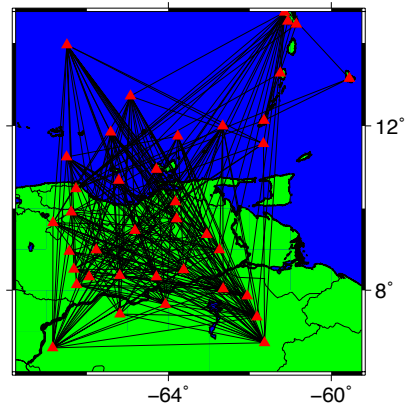
Phase 30s



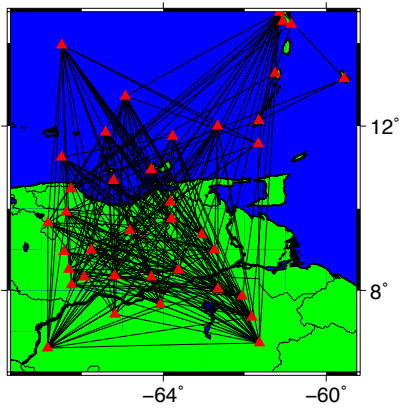
Phase 31s



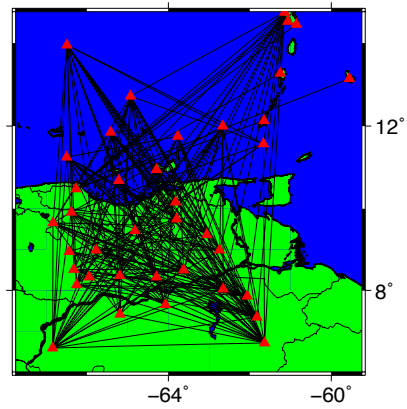
Phase 32s



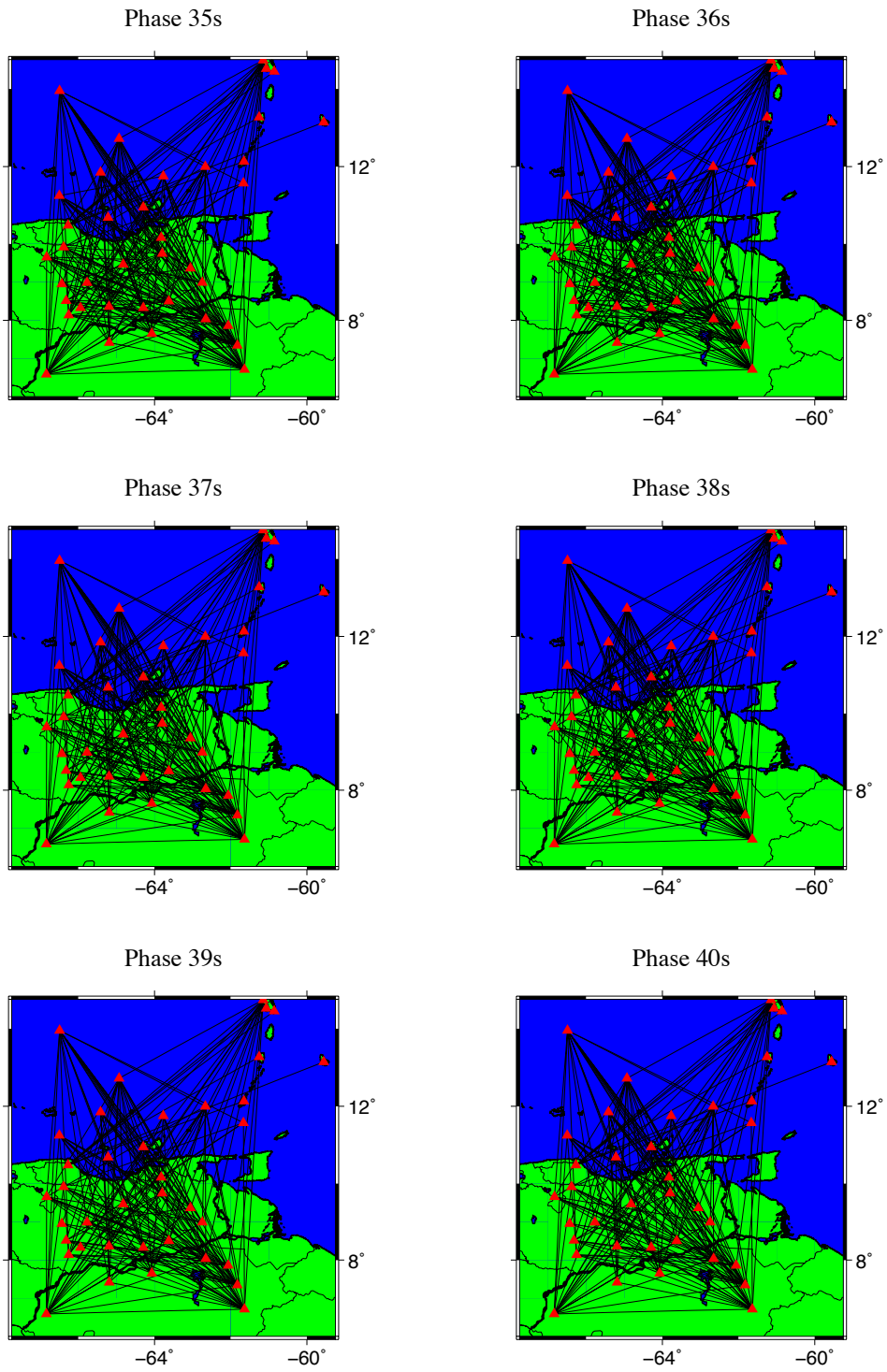
Phase 33s



Phase 34s

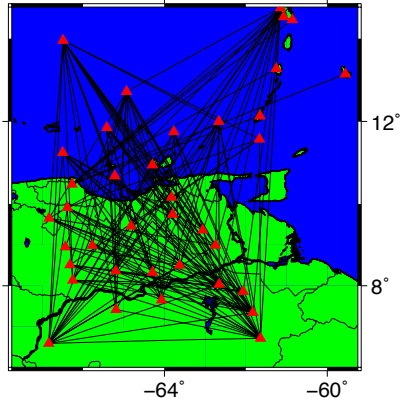


Apéndice 14. Mapa de rayos para velocidad de fase entre 35 s y 40 s de periodo.

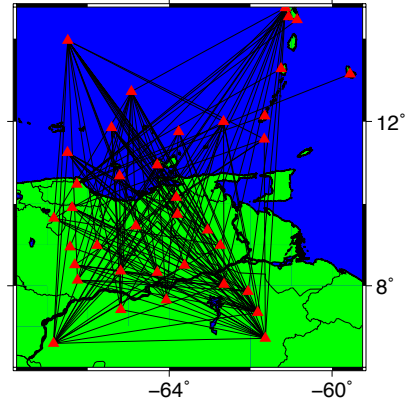


Apéndice 15. Mapas de rayos para velocidad de fase entre 41 s y 46 s de periodo.

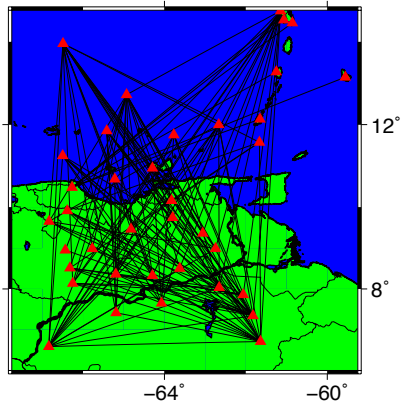
Phase 41s



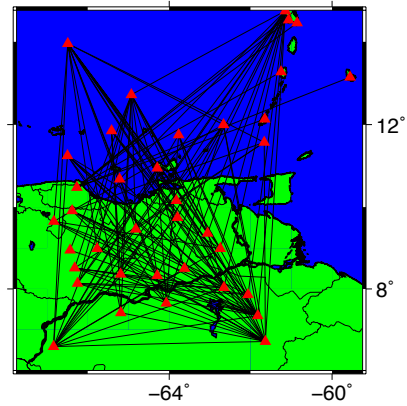
Phase 42s



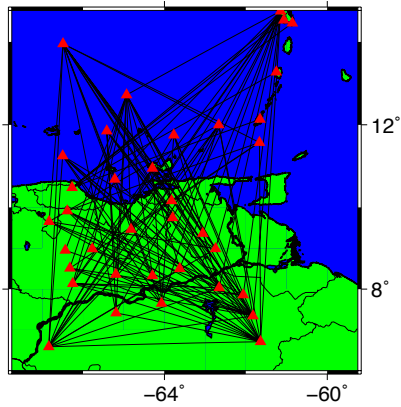
Phase 43s



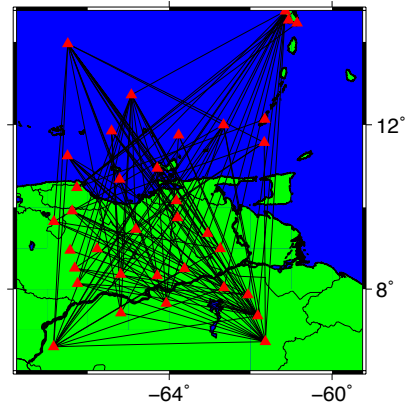
Phase 44s



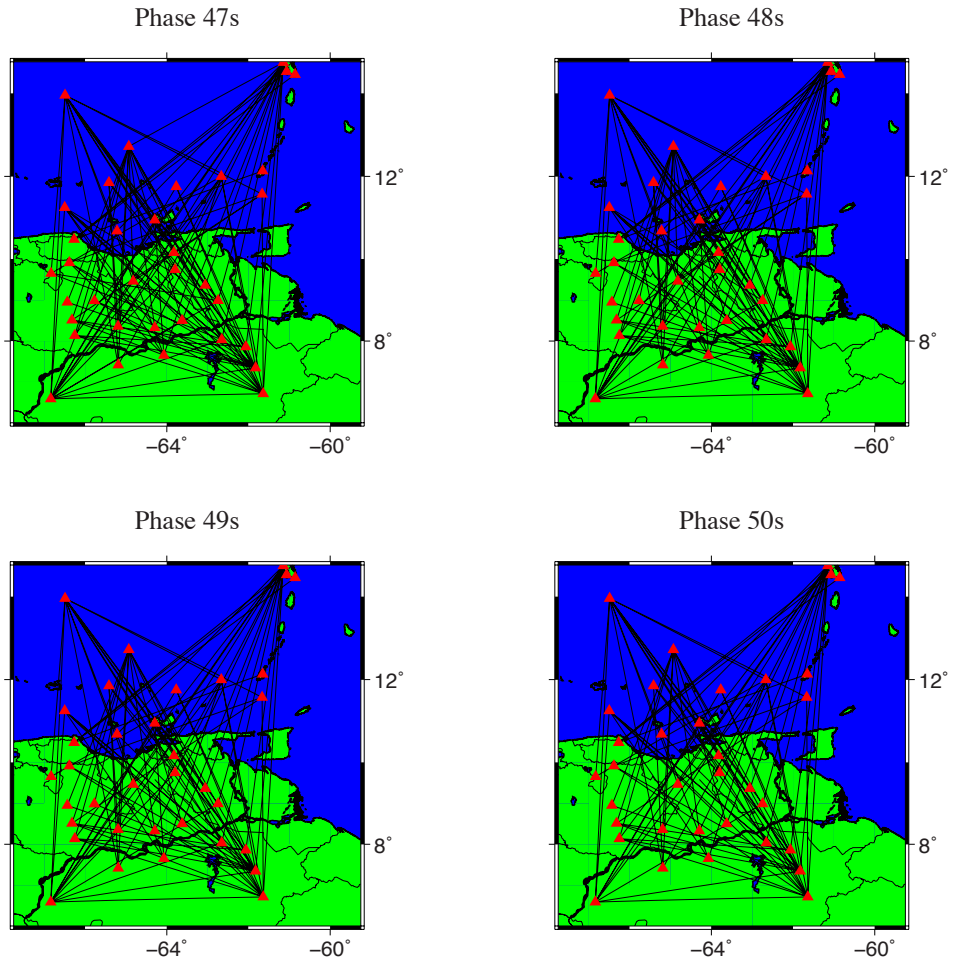
Phase 45s



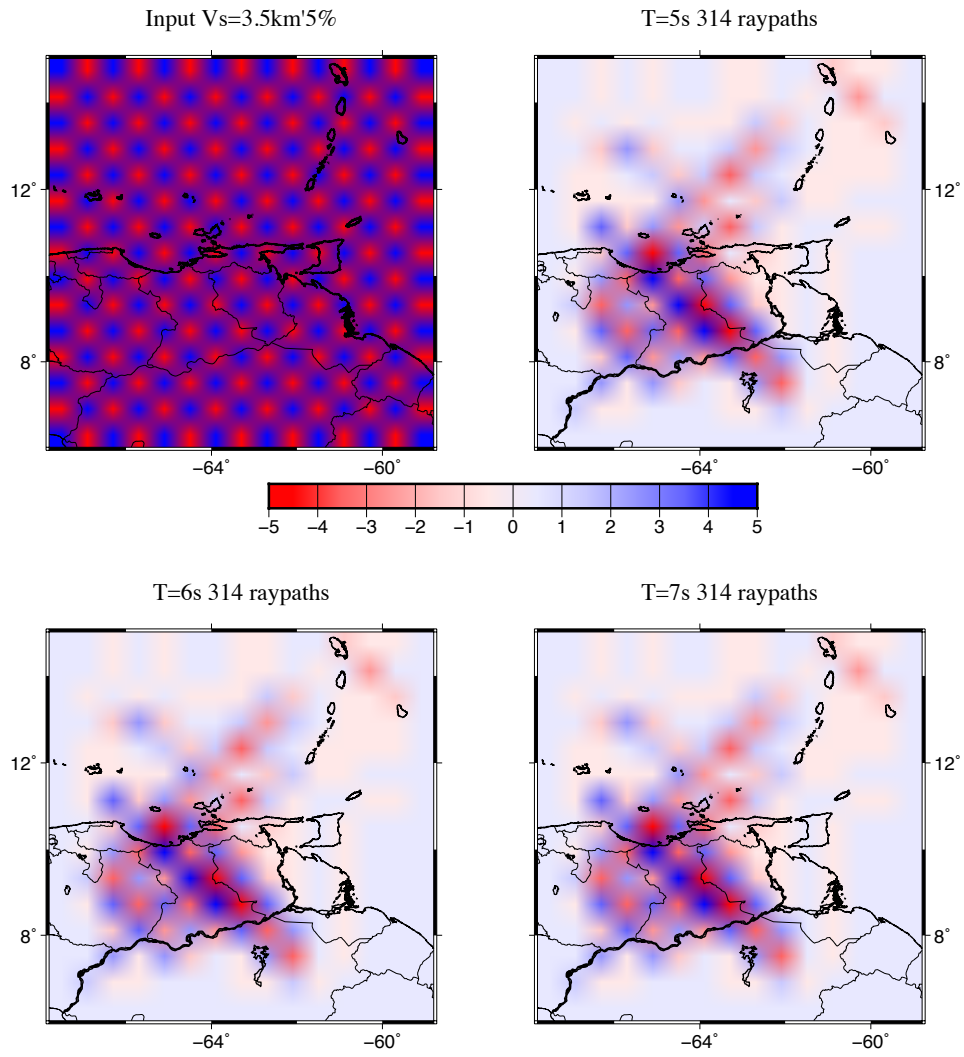
Phase 46s



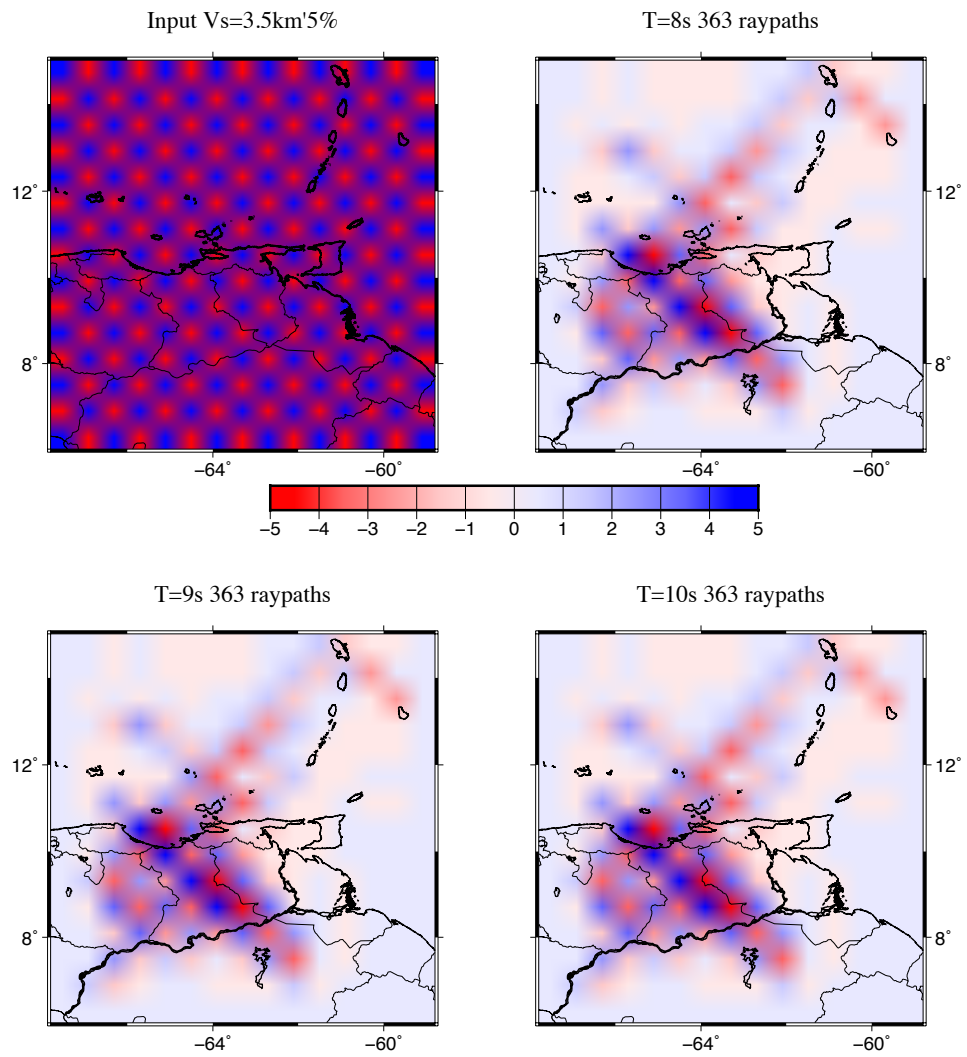
Apéndice 16. Mapa de rayos para velocidad de fase entre 47 s y 50 s de periodo.



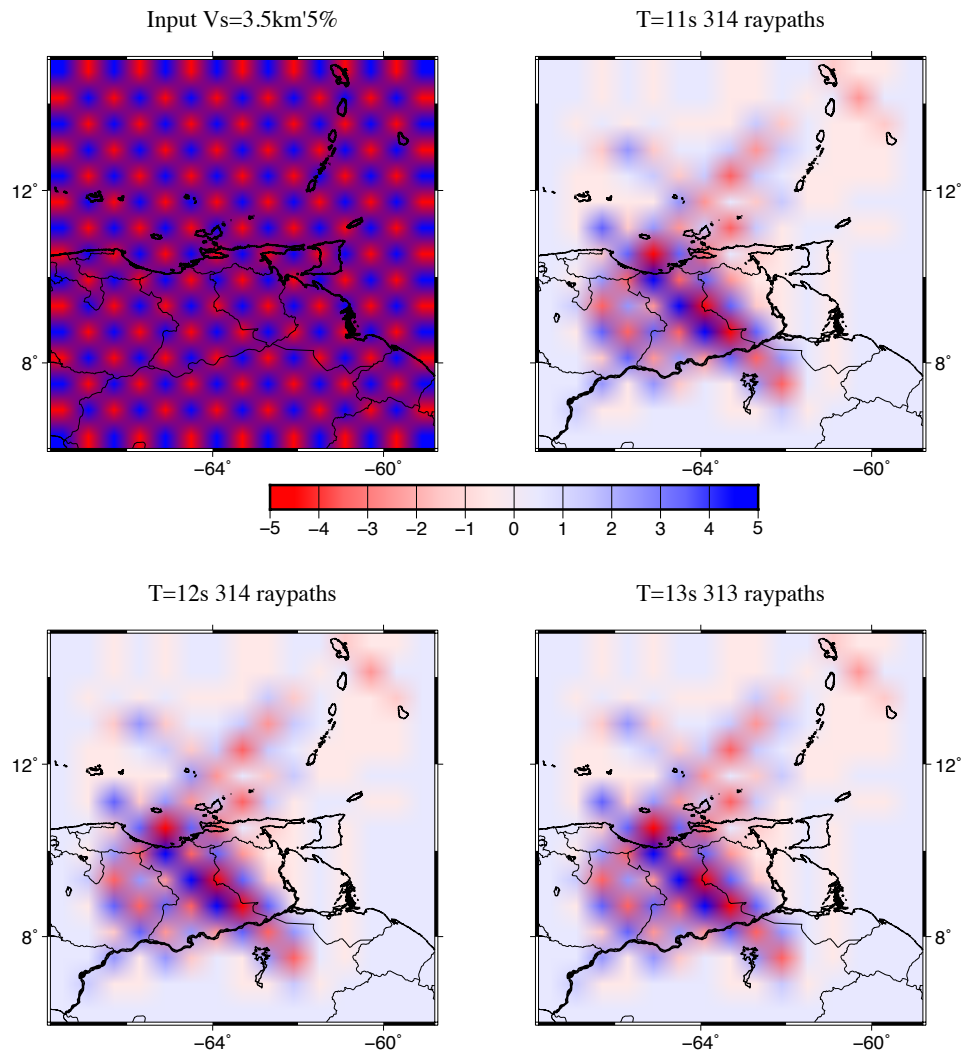
Apéndice 17. *Checkerboard Test* para velocidad de grupo entre los 5 s y 7 s de periodo.



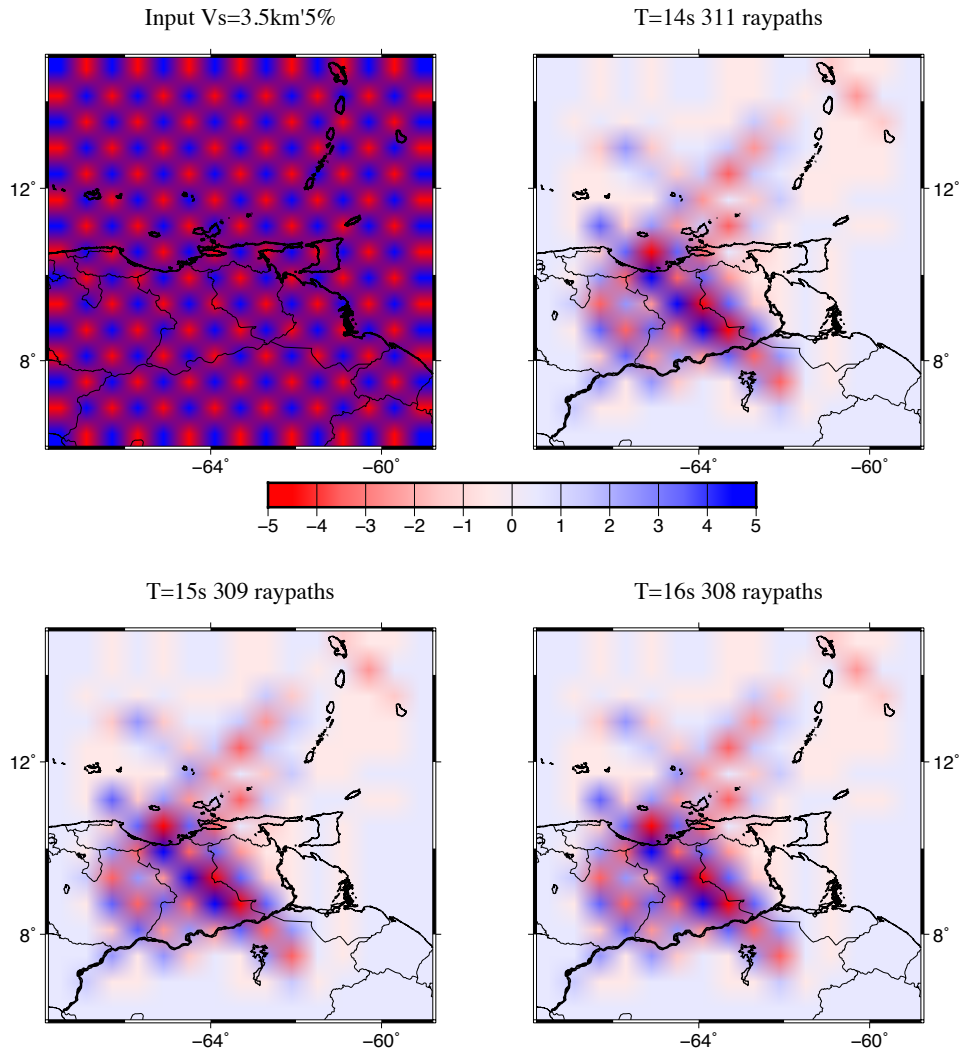
Apéndice 18. *Checkerboard Test* para velocidad de grupo entre los 8 s y 10 s de periodo.



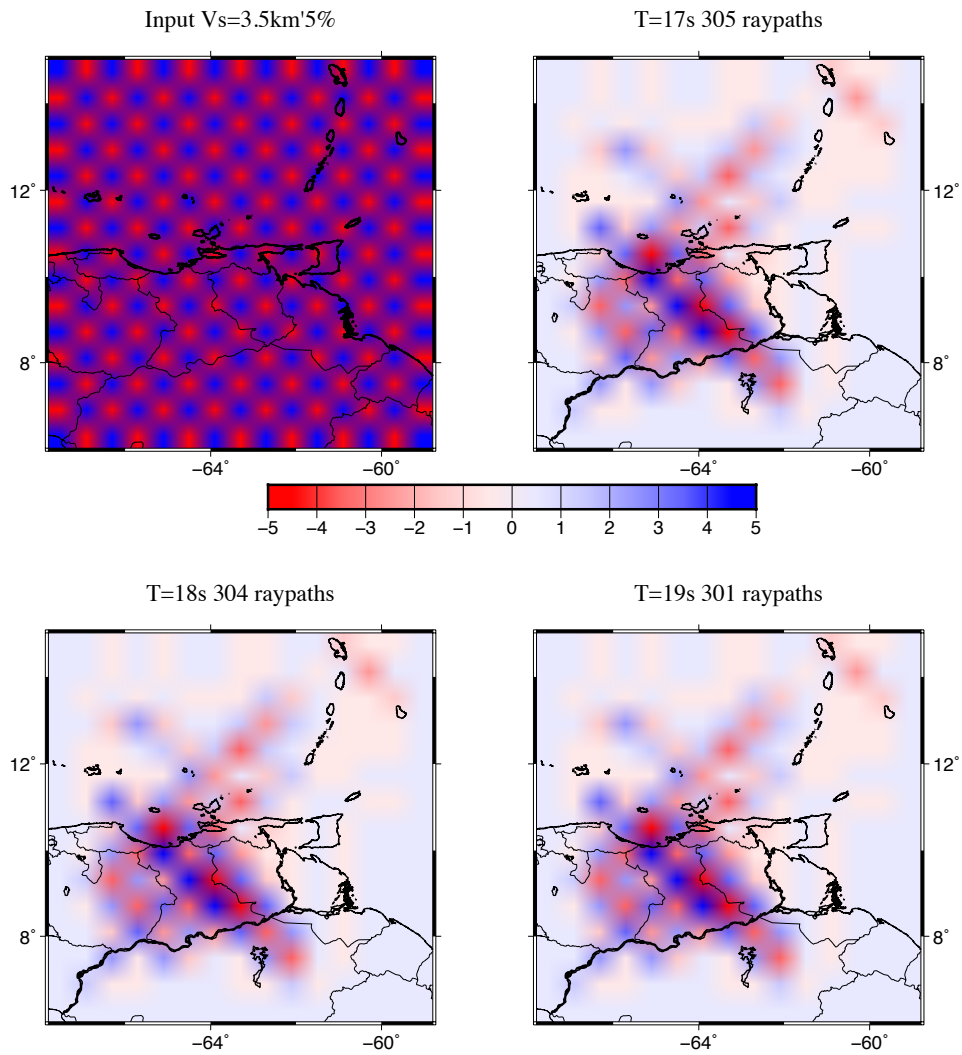
Apéndice 19. *Checkerboard Test* para velocidad de grupo entre los 11 s y 13s de periodo.



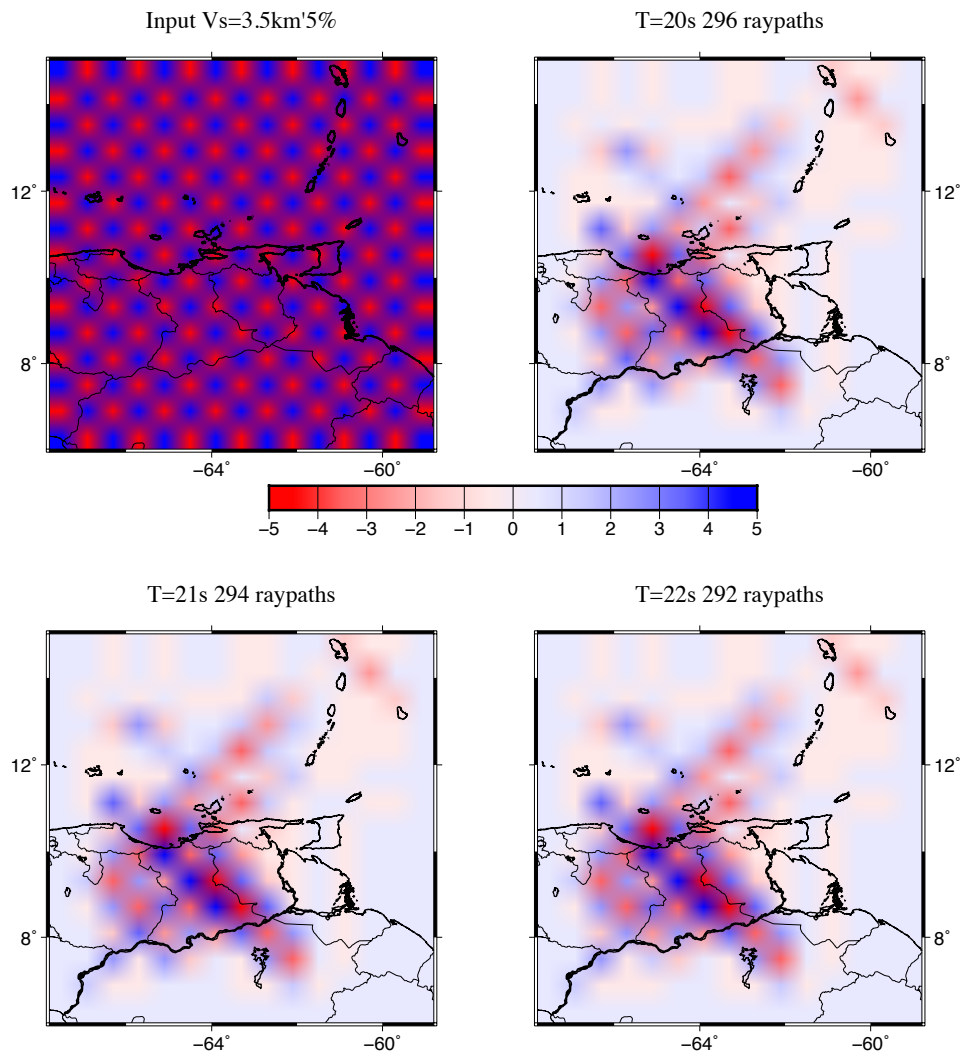
Apéndice 20. *Checkerboard Test* para velocidad de grupo entre los 14 s y 16 s de periodo.



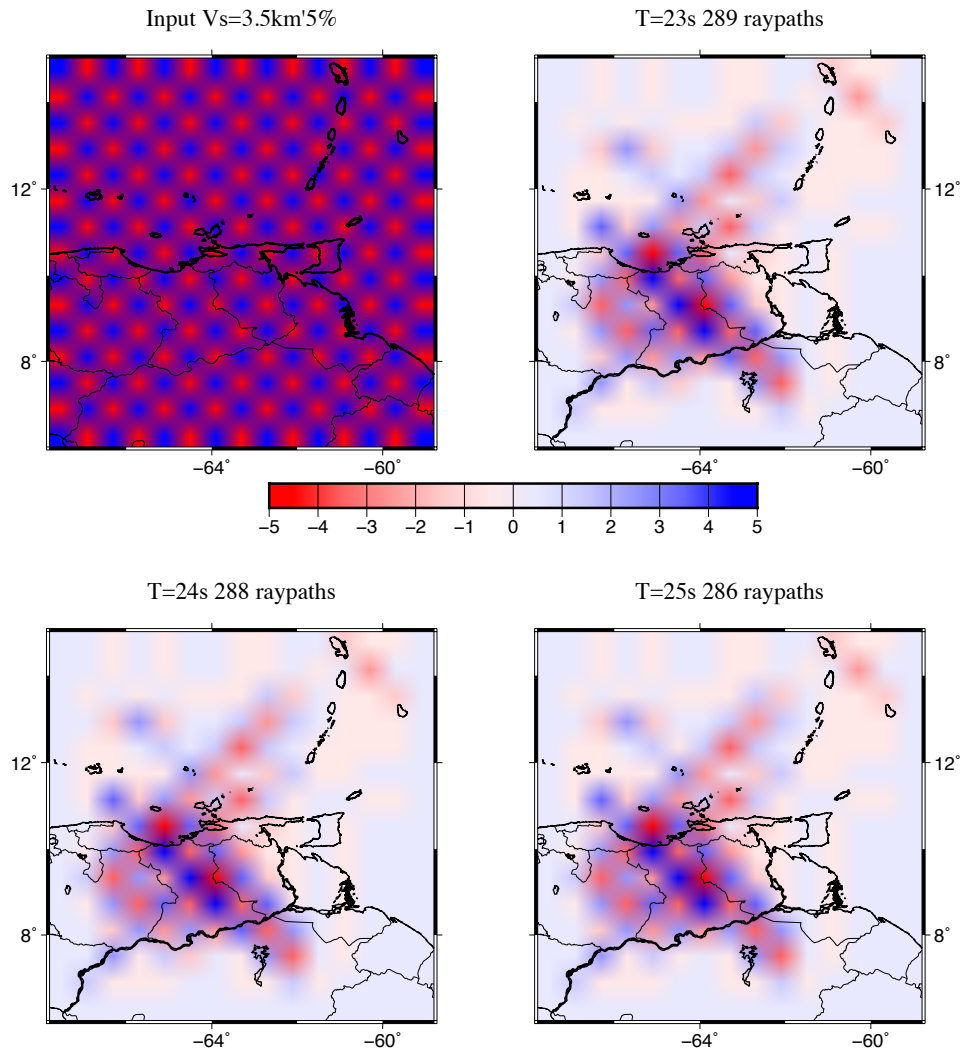
Apéndice 21. *Checkerboard Test* para velocidad de grupo entre los 17 s y 19 s de periodo.



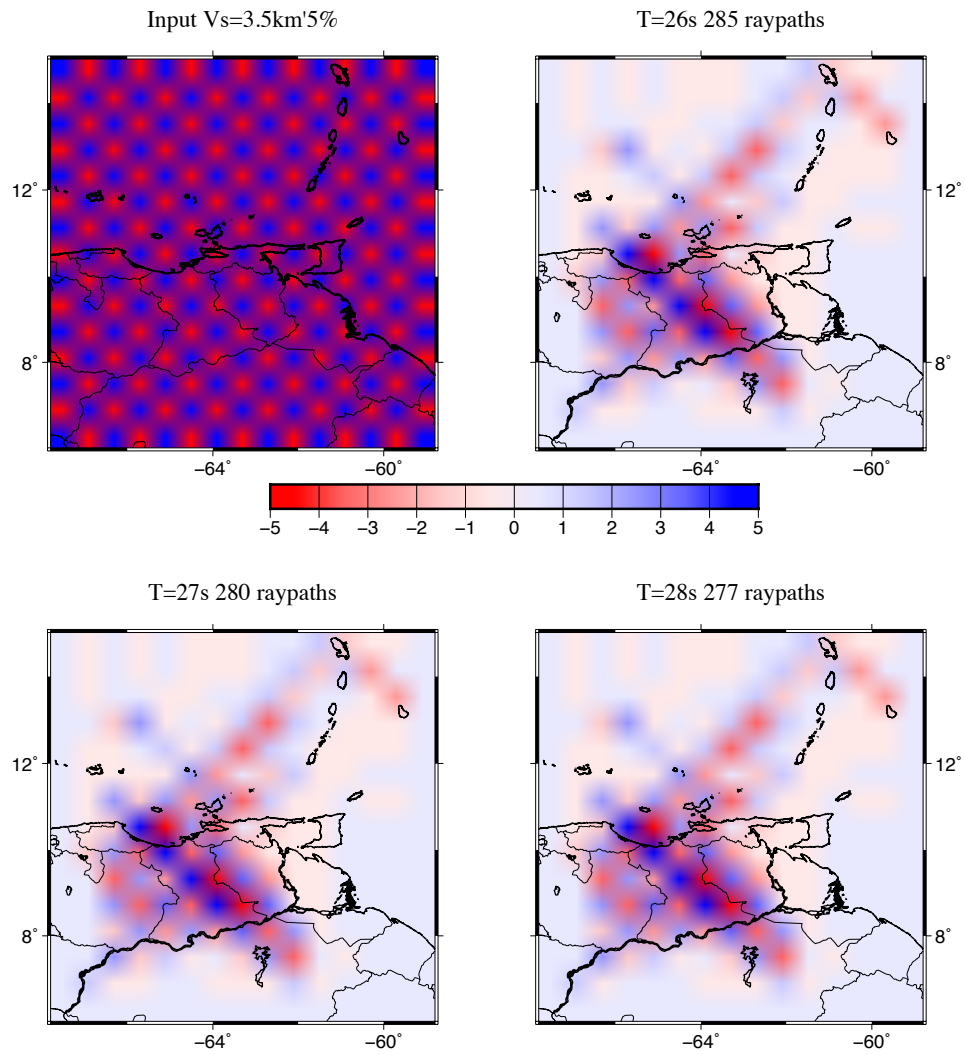
Apéndice 22. *Checkerboard Test* para velocidad de grupo entre los 20 s y 22 s de periodo.



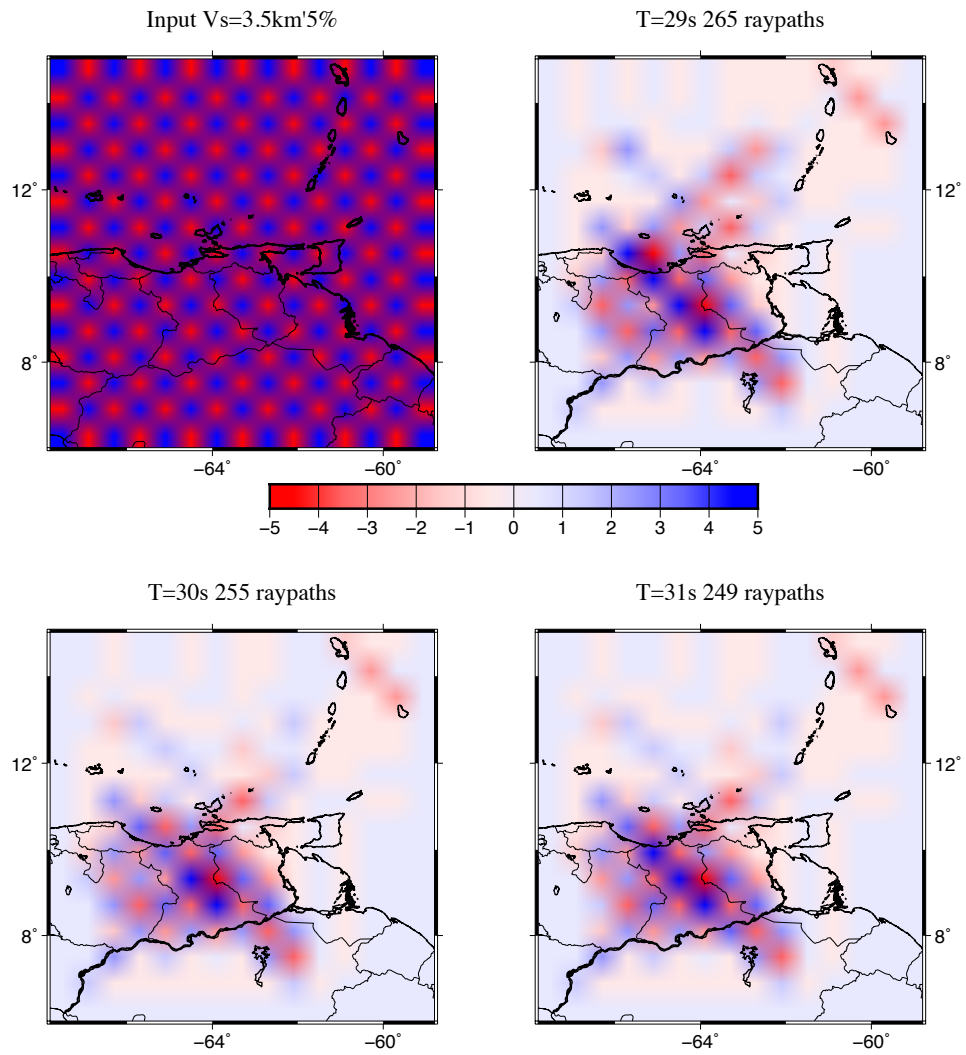
Apéndice 23. *Checkerboard Test* para velocidad de grupo entre los 23 s y 25 s de periodo.



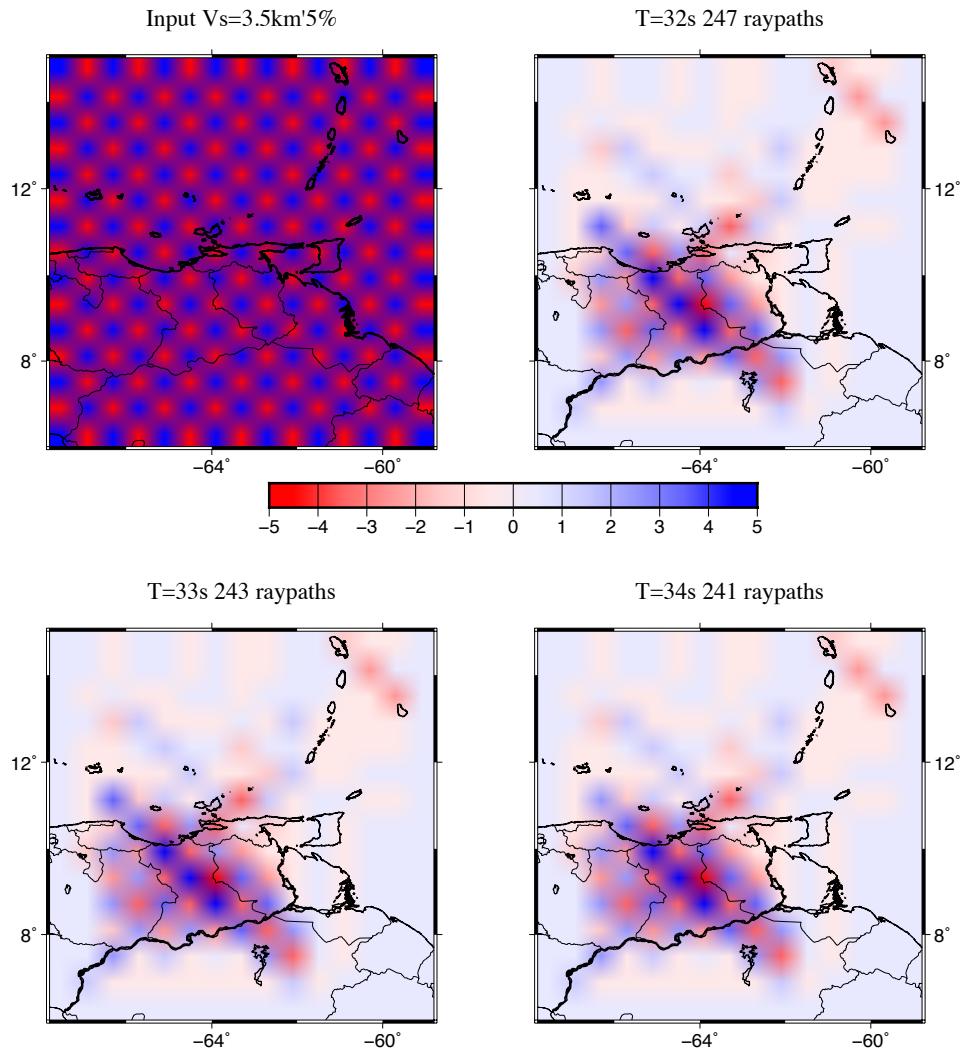
Apéndice 24. *Checkerboard Test* para velocidad de grupo entre los 26 s y 28 s de periodo.



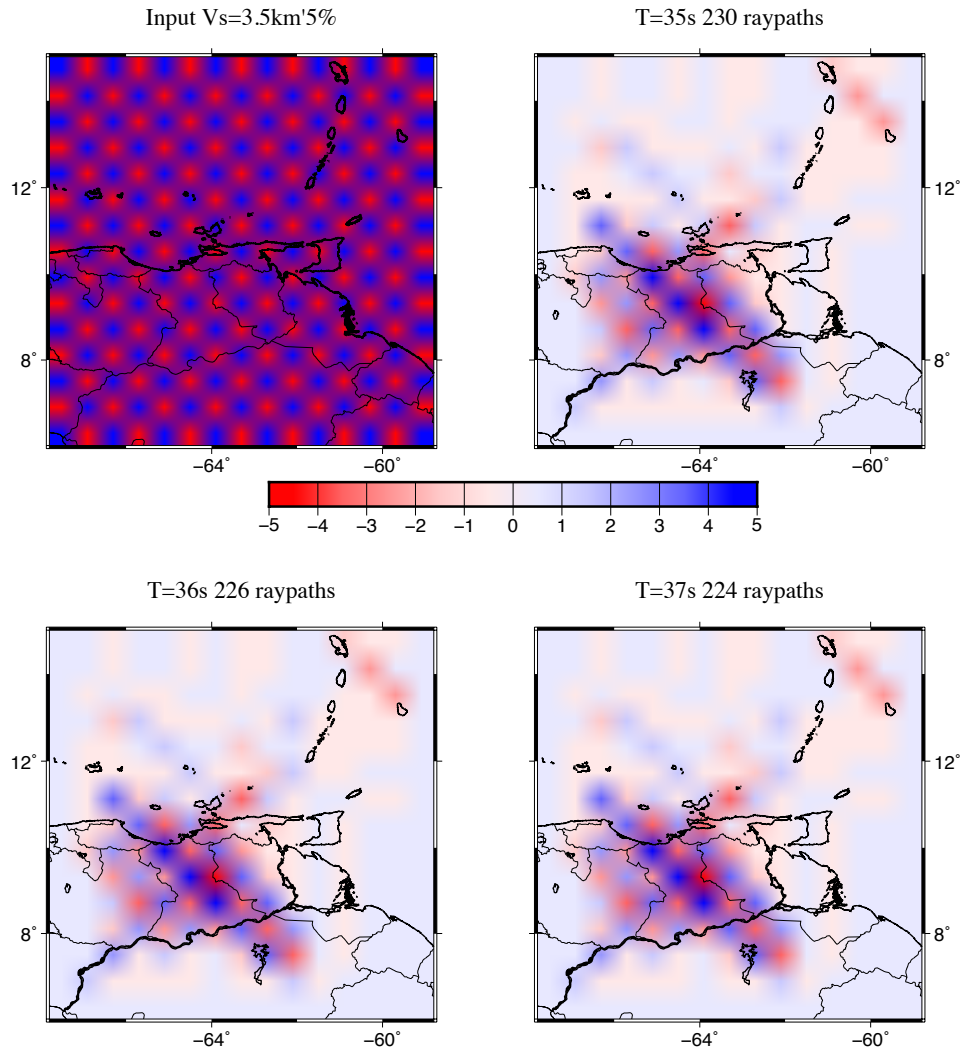
Apéndice 25. *Checkerboard Test* para velocidad de grupo entre los 29 s y 31 s de periodo.



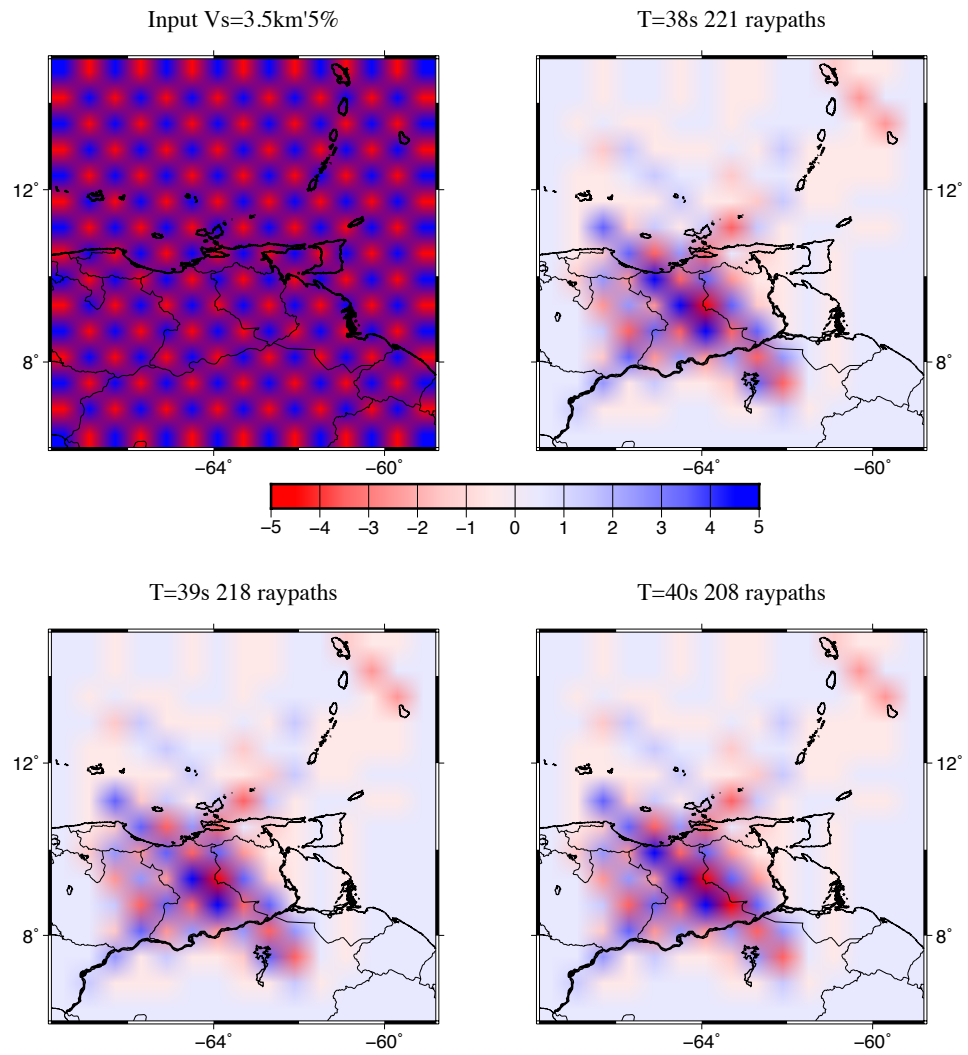
Apéndice 26. *Checkerboard Test* para velocidad de grupo entre los 32 s y 34 s de periodo.



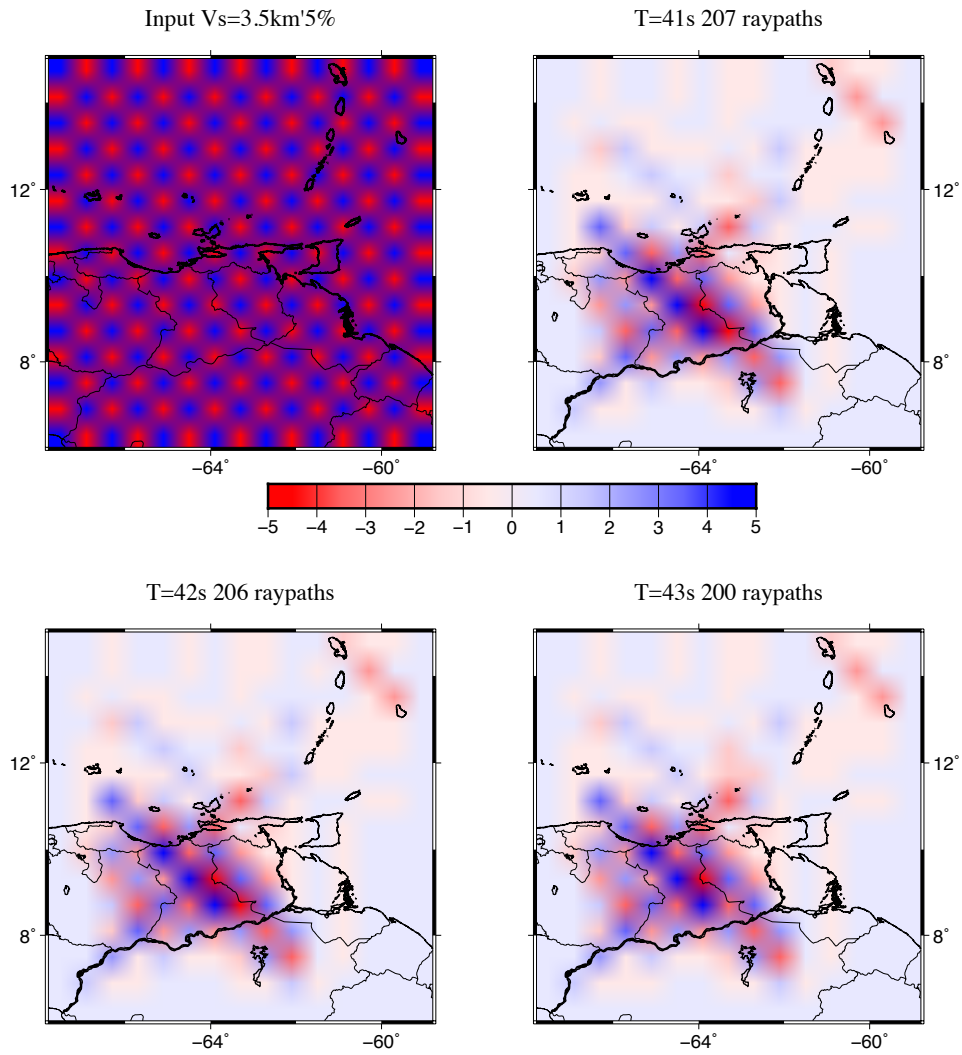
Apéndice 27. *Checkerboard Test* para velocidad de grupo entre los 35 s y 37 s de periodo.



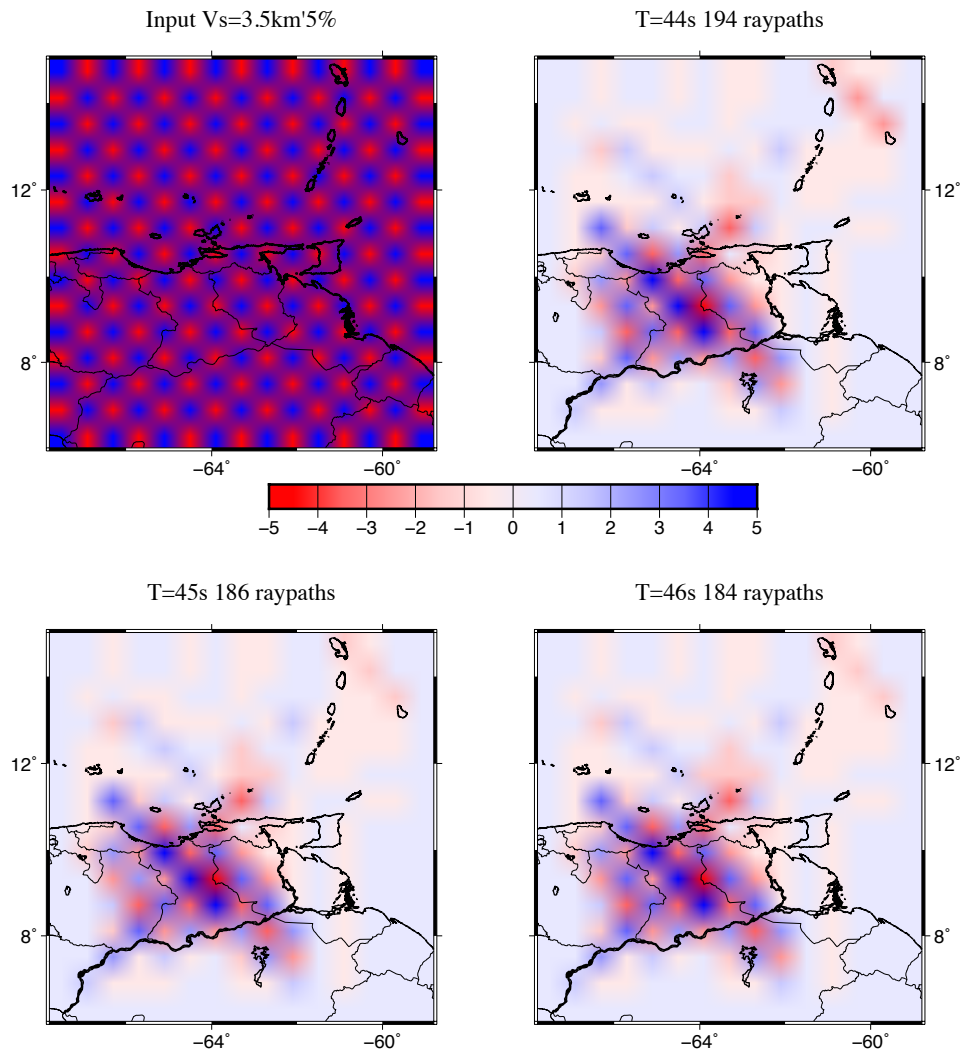
Apéndice 28. *Checkerboard Test* para velocidad de grupo entre los 38 s y 40 s de periodo.



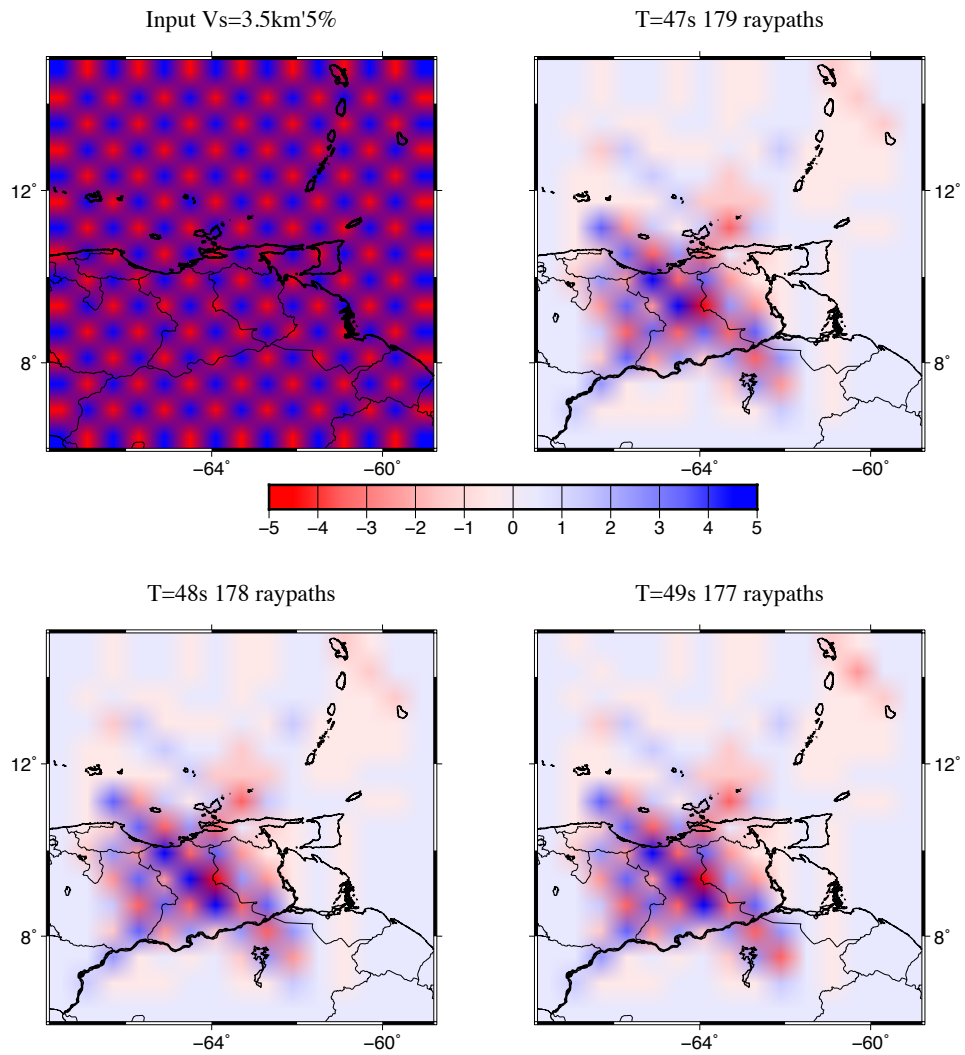
Apéndice 29. *Checkerboard Test* para velocidad de grupo entre los 41 s y 43 s de periodo.



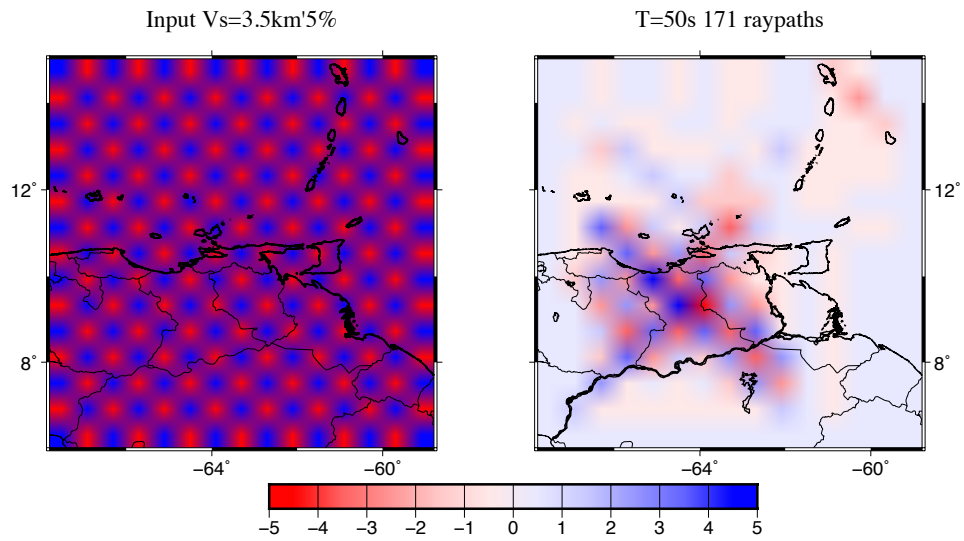
Apéndice 30. *Checkerboard Test* para velocidad de grupo entre los 44 s y 46 s de periodo.



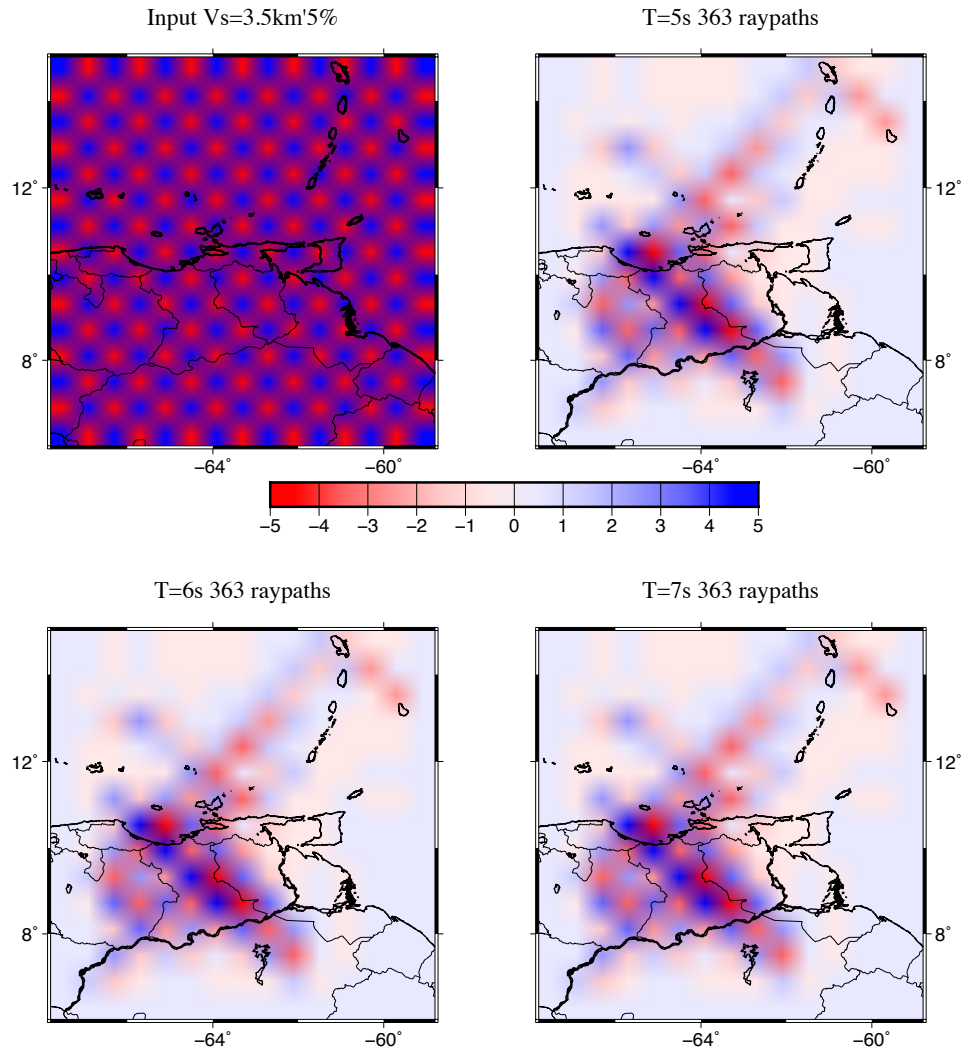
Apéndice 31. *Checkerboard Test* para velocidad de grupo entre los 47 s y 49 s de periodo.



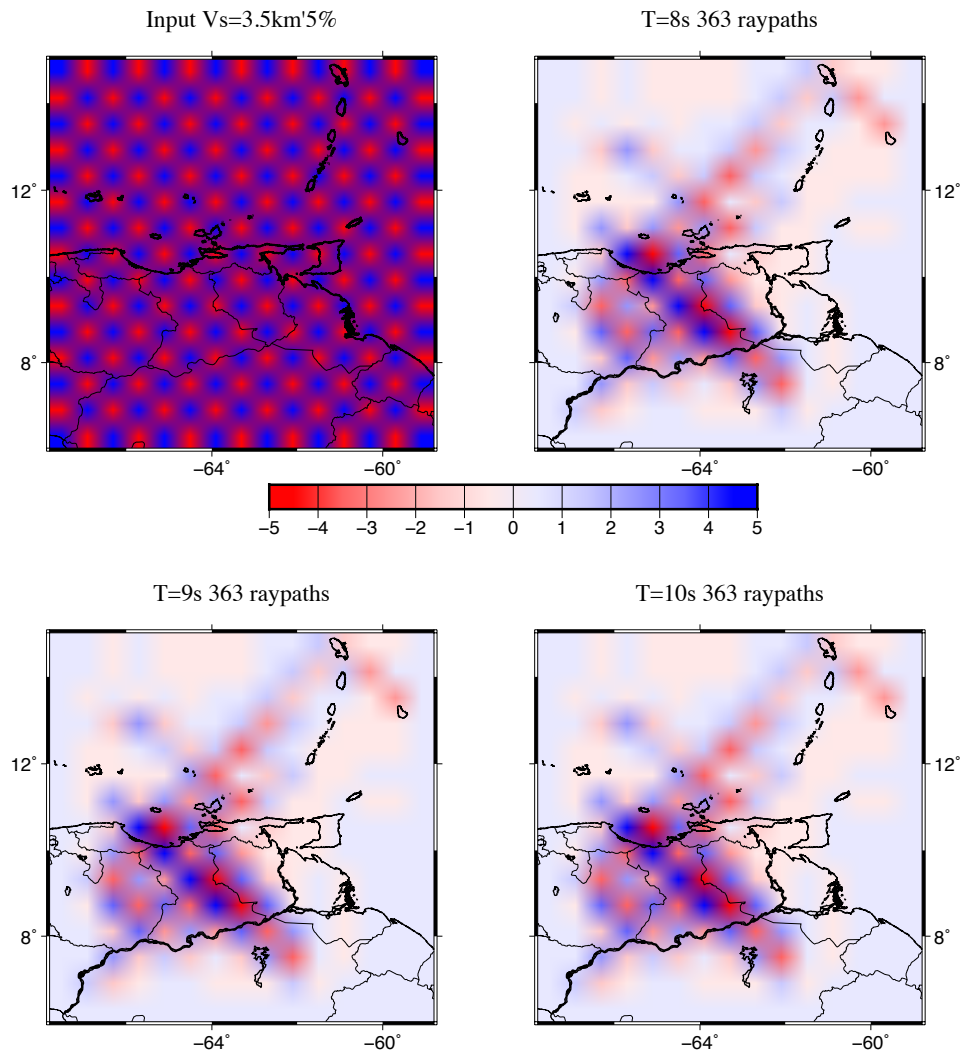
Apéndice 32. *Checkerboard Test* para velocidad de grupo entre los 50 s de periodo.



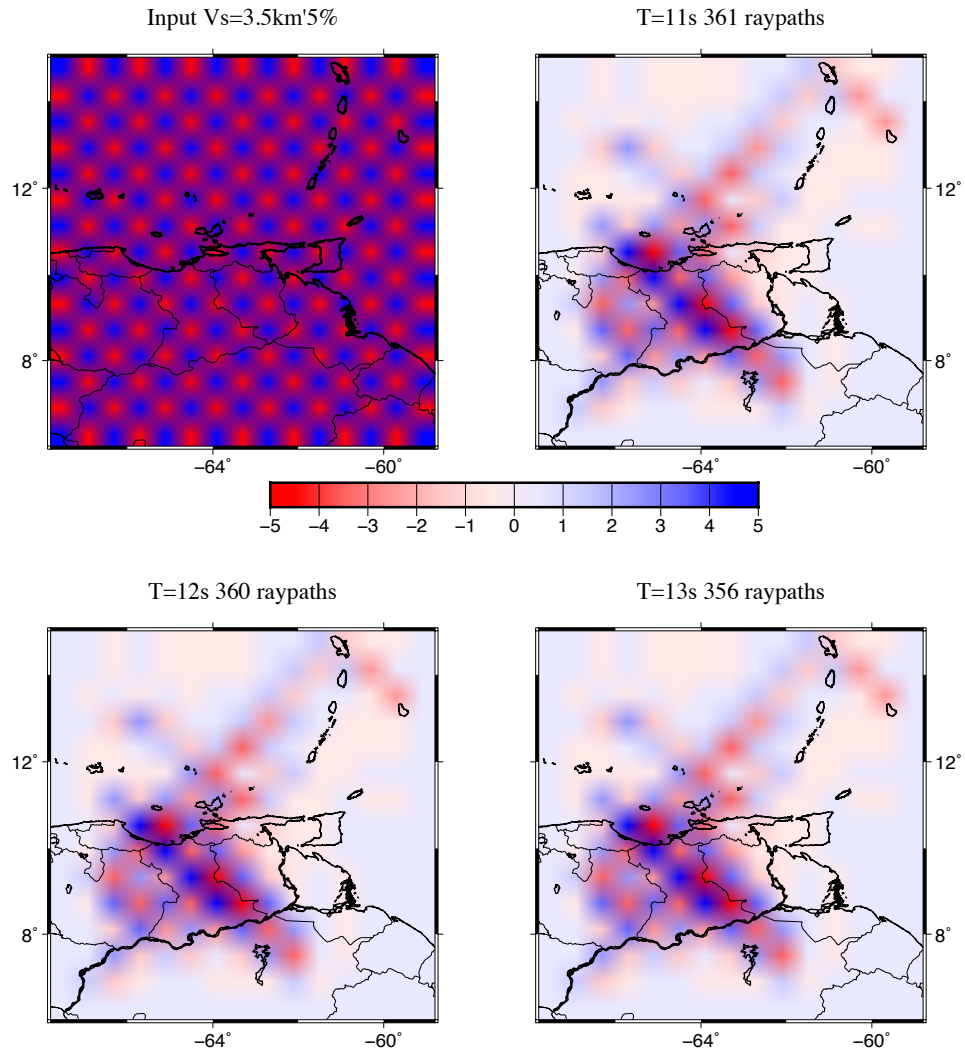
Apéndice 33. *Checkerboard Test* para velocidad de fase entre los 5 s y 7 s de periodo.



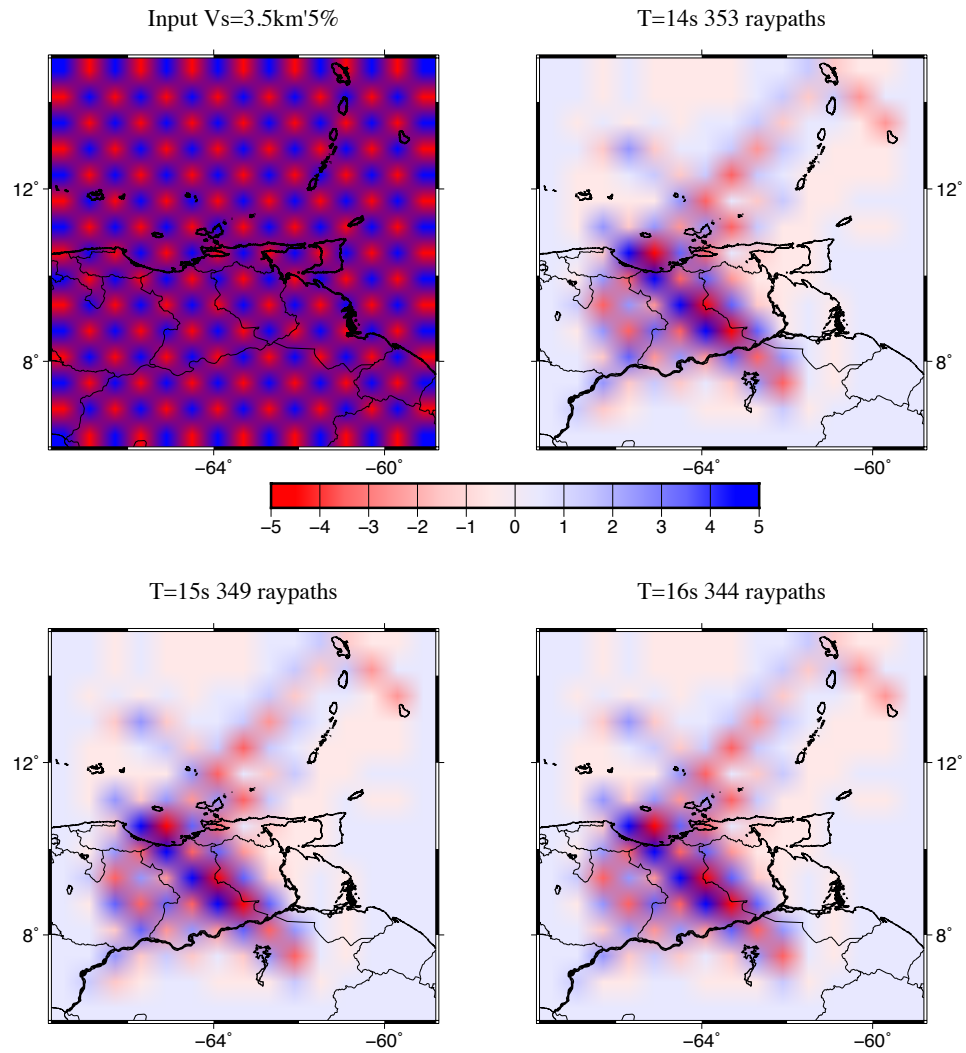
Apéndice 34. *Checkerboard Test* para velocidad de fase entre los 8 s y 10 s de periodo.



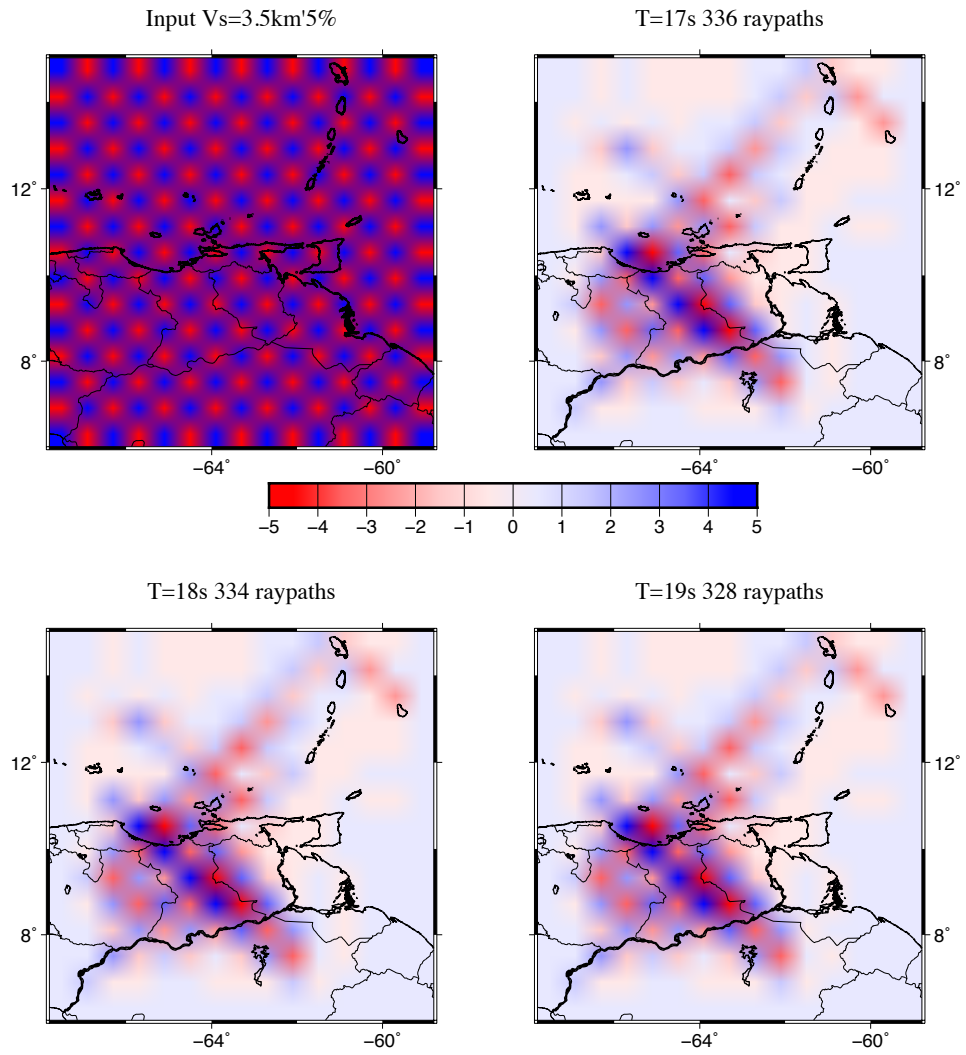
Apéndice 35. *Checkerboard Test* para velocidad de fase entre los 11 s y 13 s de periodo.



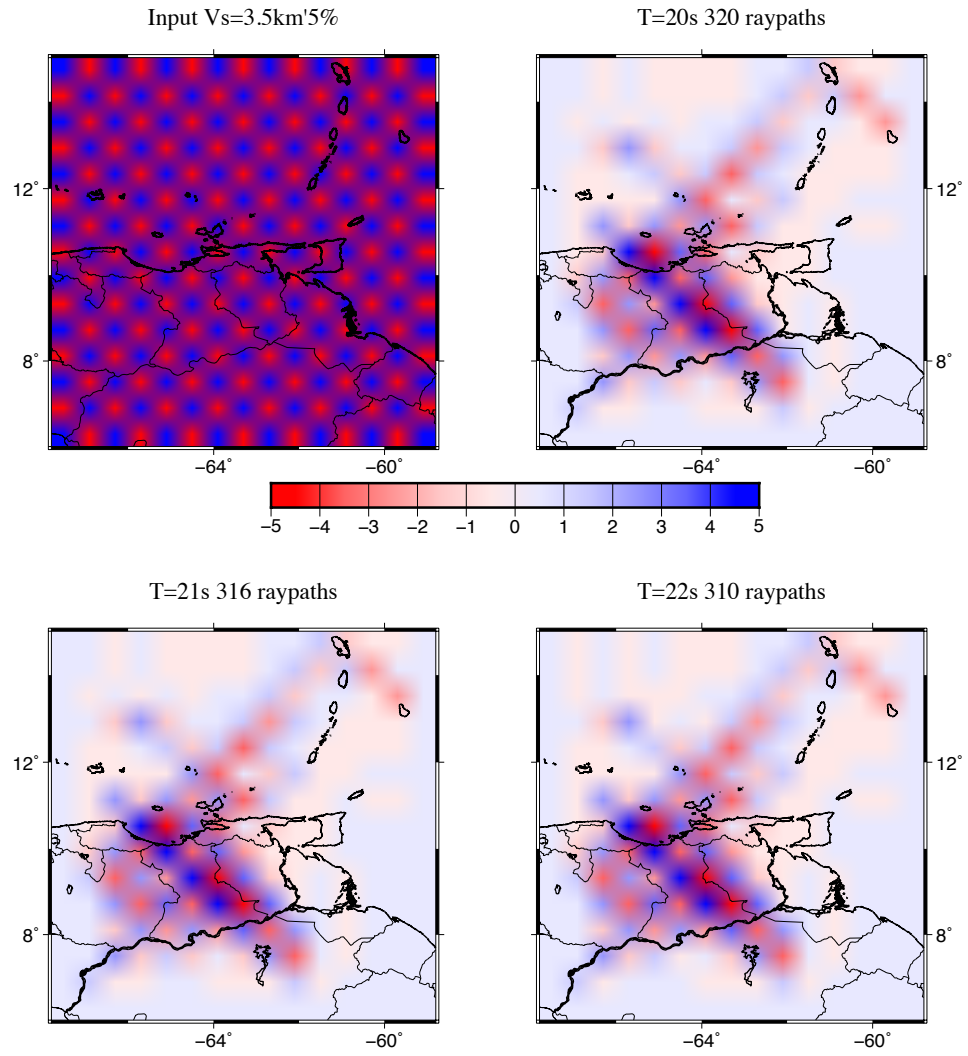
Apéndice 36. *Checkerboard Test* para velocidad de fase entre los 14 s y 16 s de periodo.



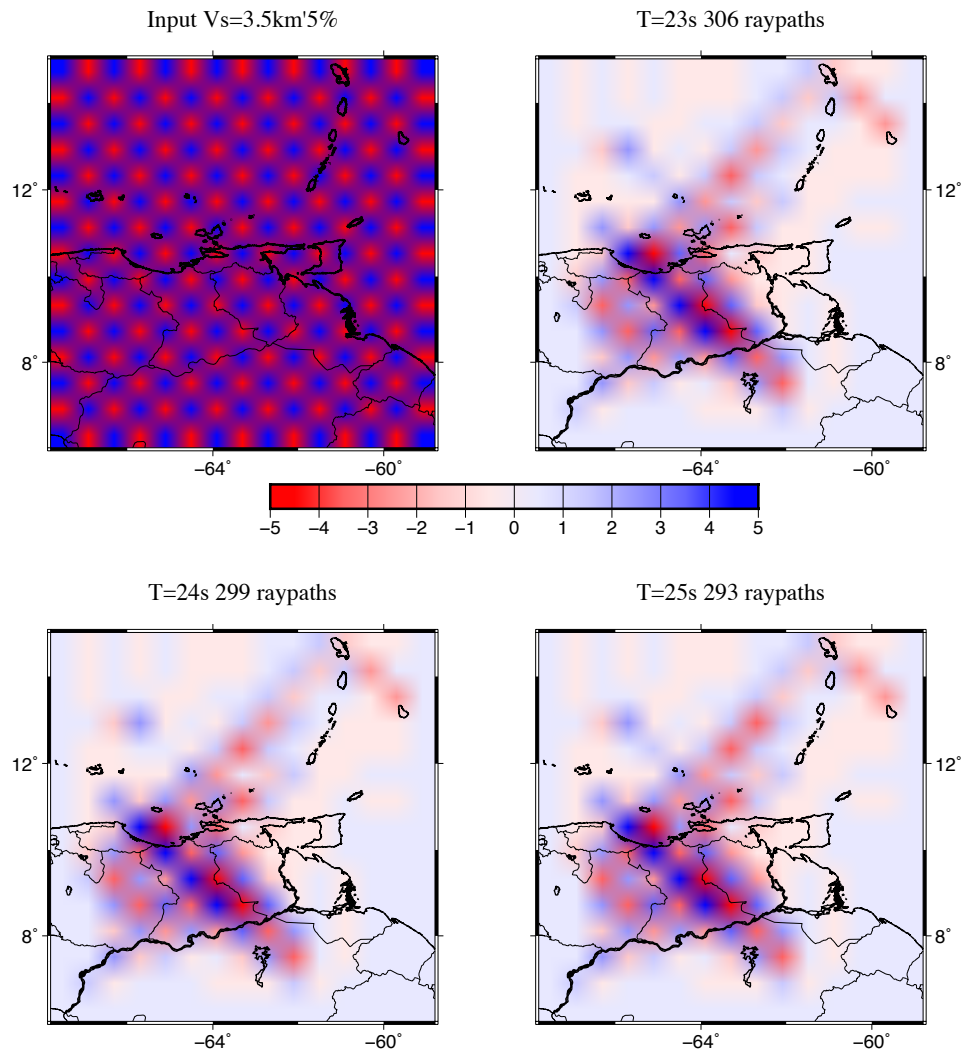
Apéndice 37. *Checkerboard Test* para velocidad de fase entre los 17 s y 19 s de periodo.



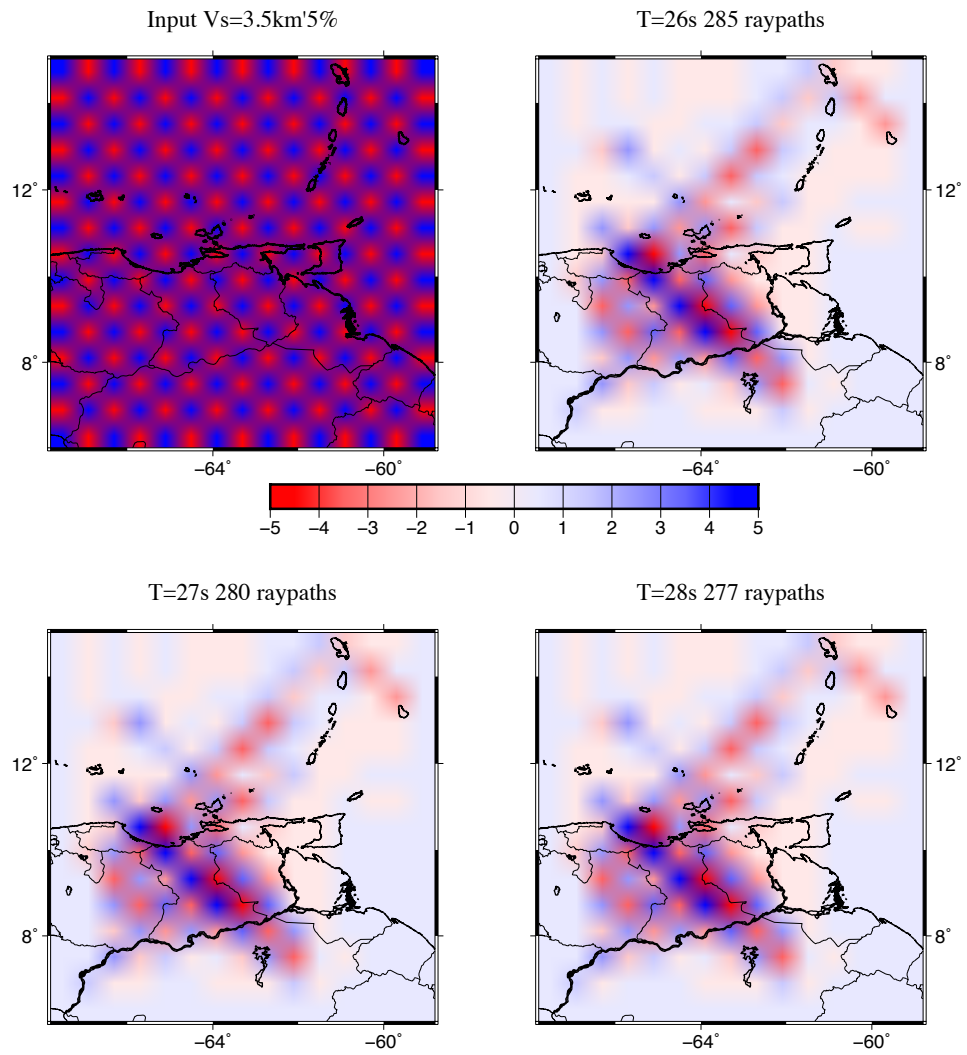
Apéndice 38. *Checkerboard Test* para velocidad de fase entre los 20 s y 22 s de periodo.



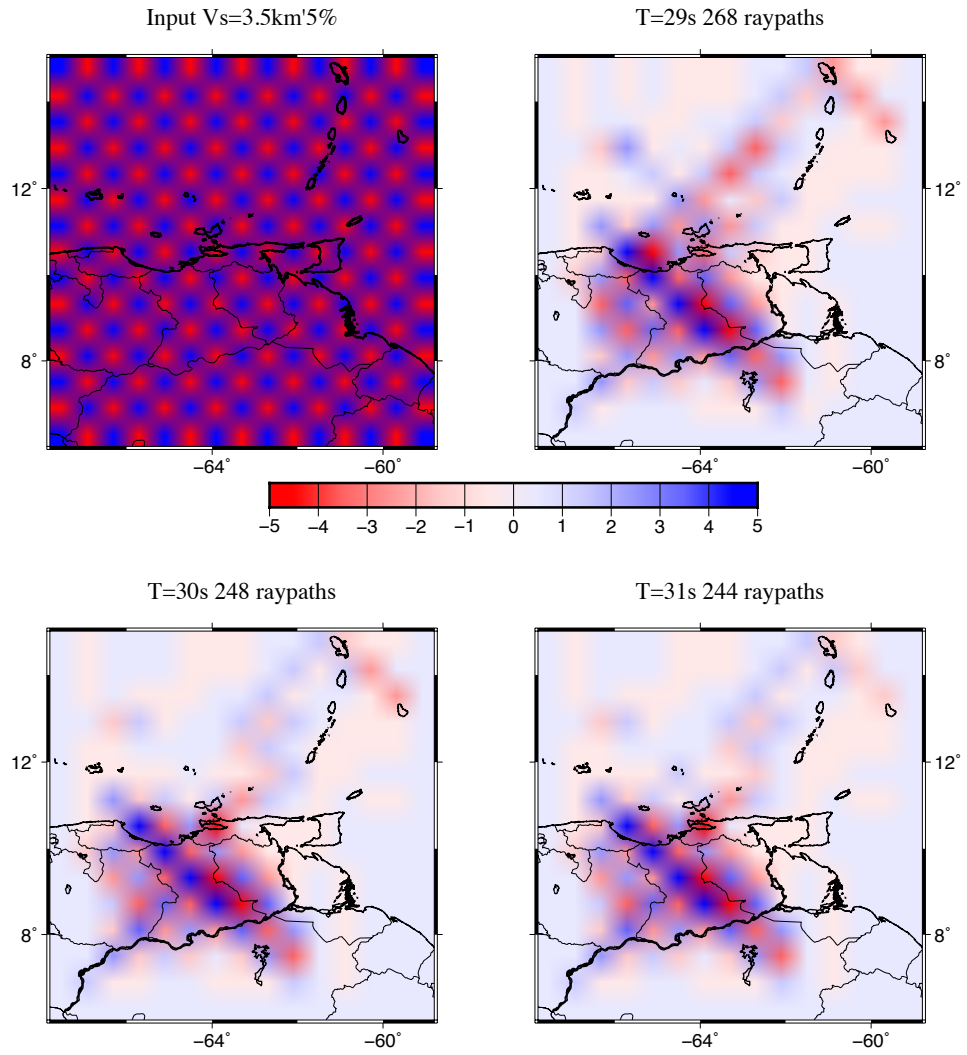
Apéndice 39. *Checkerboard Test* para velocidad de fase entre los 23 s y 25 s de periodo.



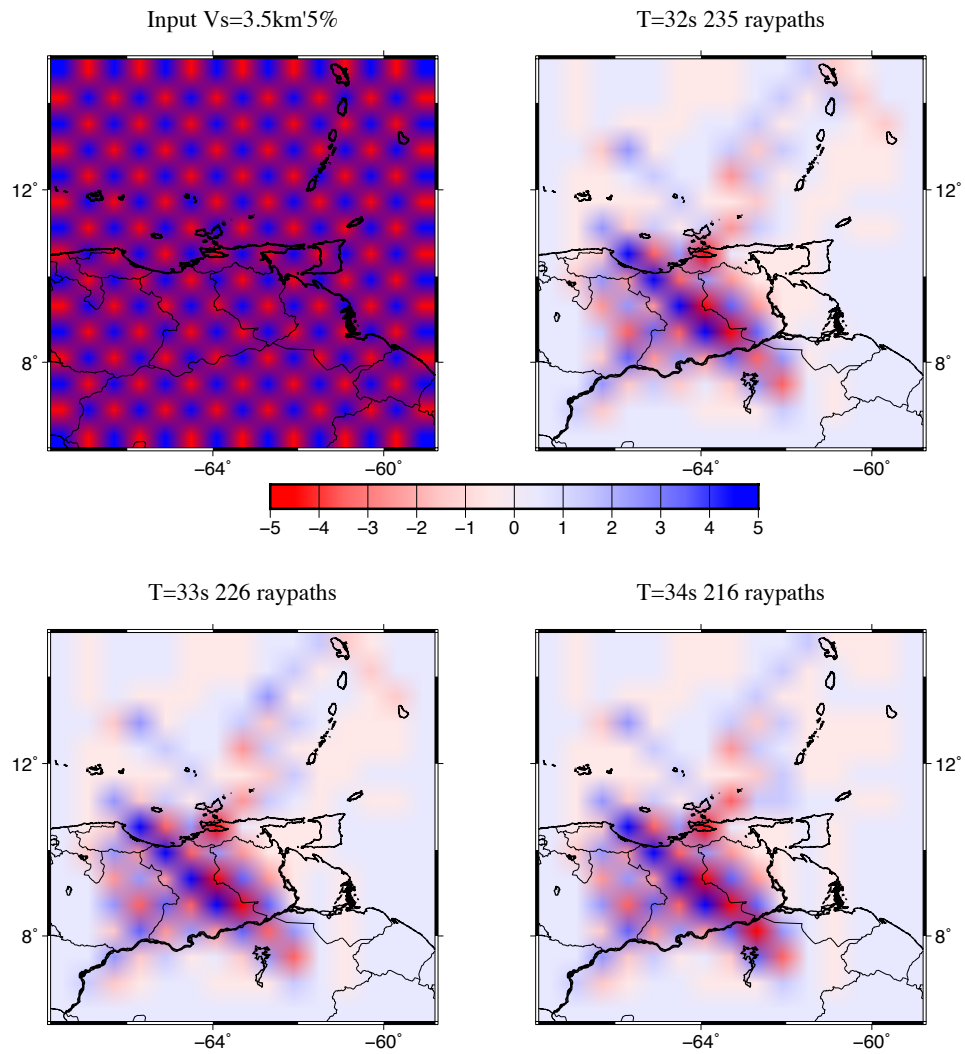
Apéndice 40. *Checkerboard Test* para velocidad de fase entre los 26 s y 28 s de periodo.



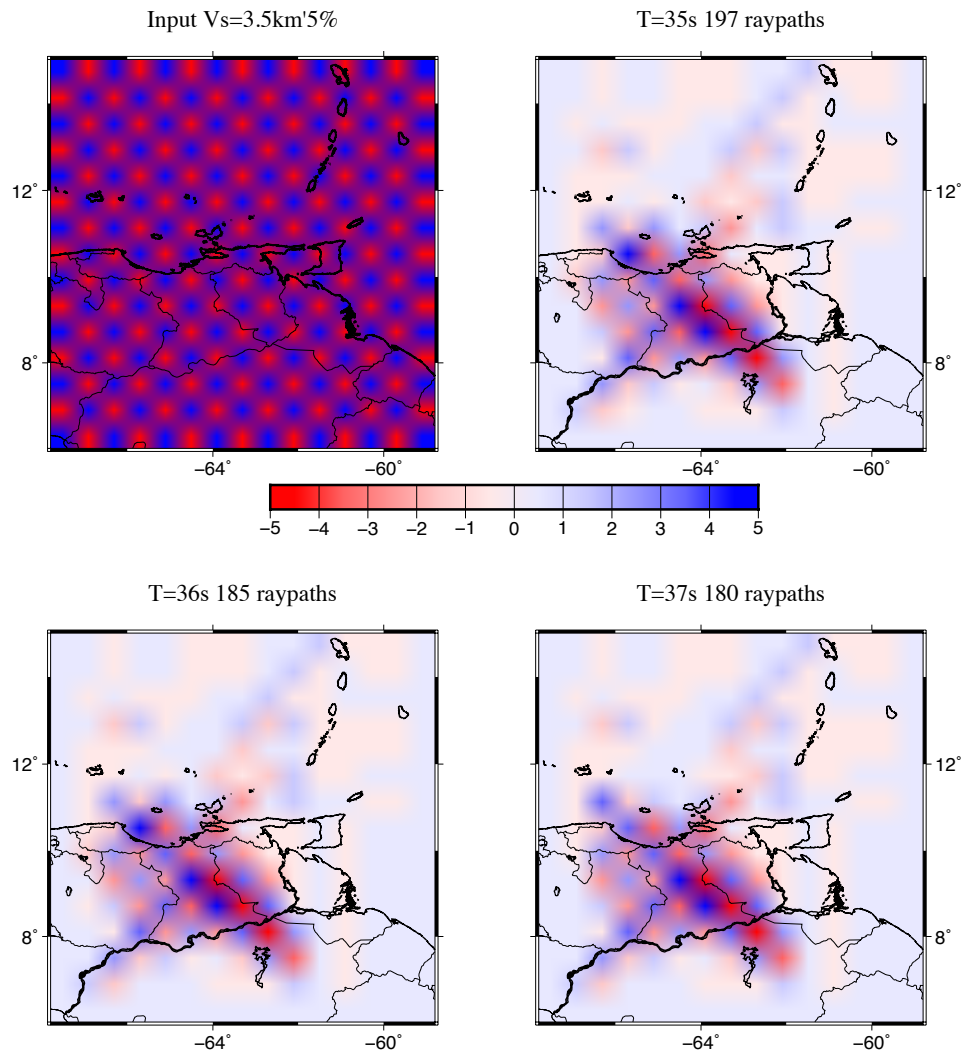
Apéndice 41. *Checkerboard Test* para velocidad de fase entre los 29 s y 31 s de periodo.



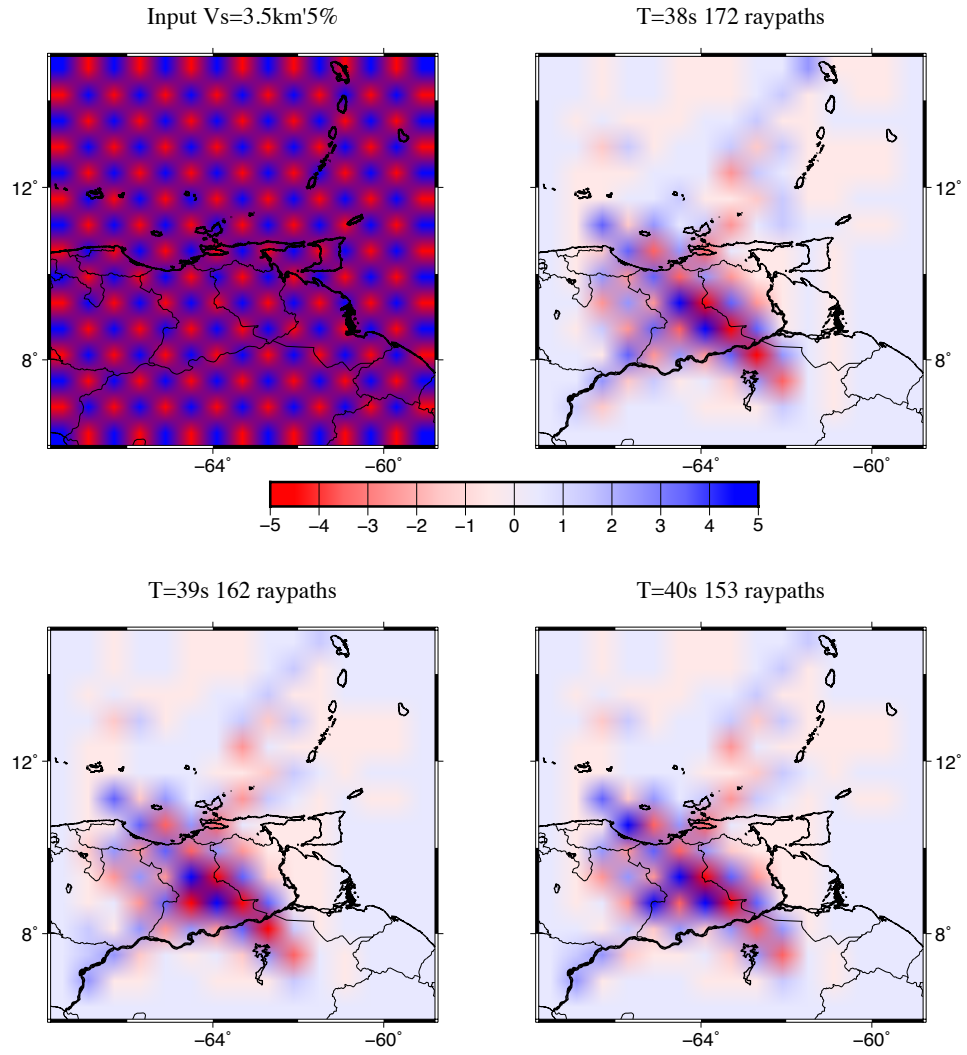
Apéndice 42. *Checkerboard Test* para velocidad de fase entre los 32 s y 34 s de periodo.



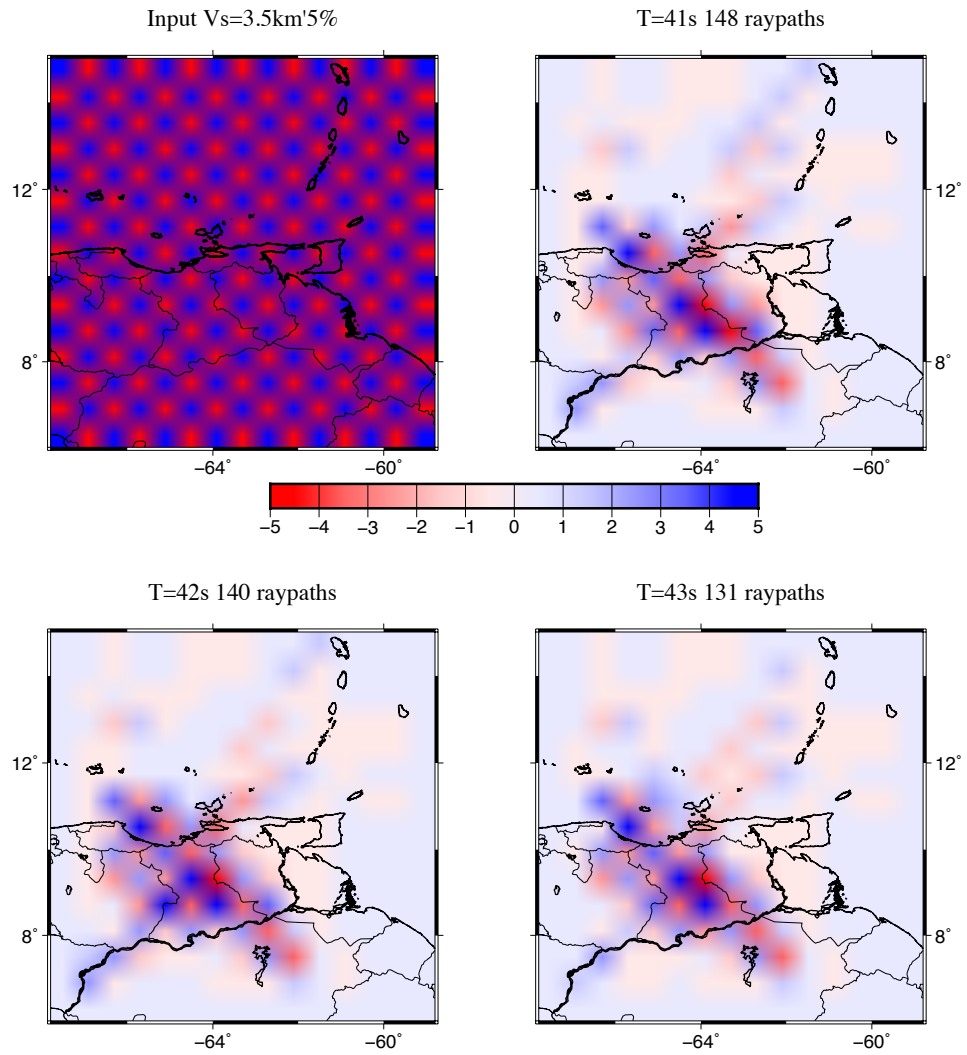
Apéndice 43. *Checkerboard Test* para velocidad de fase entre los 35 s y 37 s de periodo.



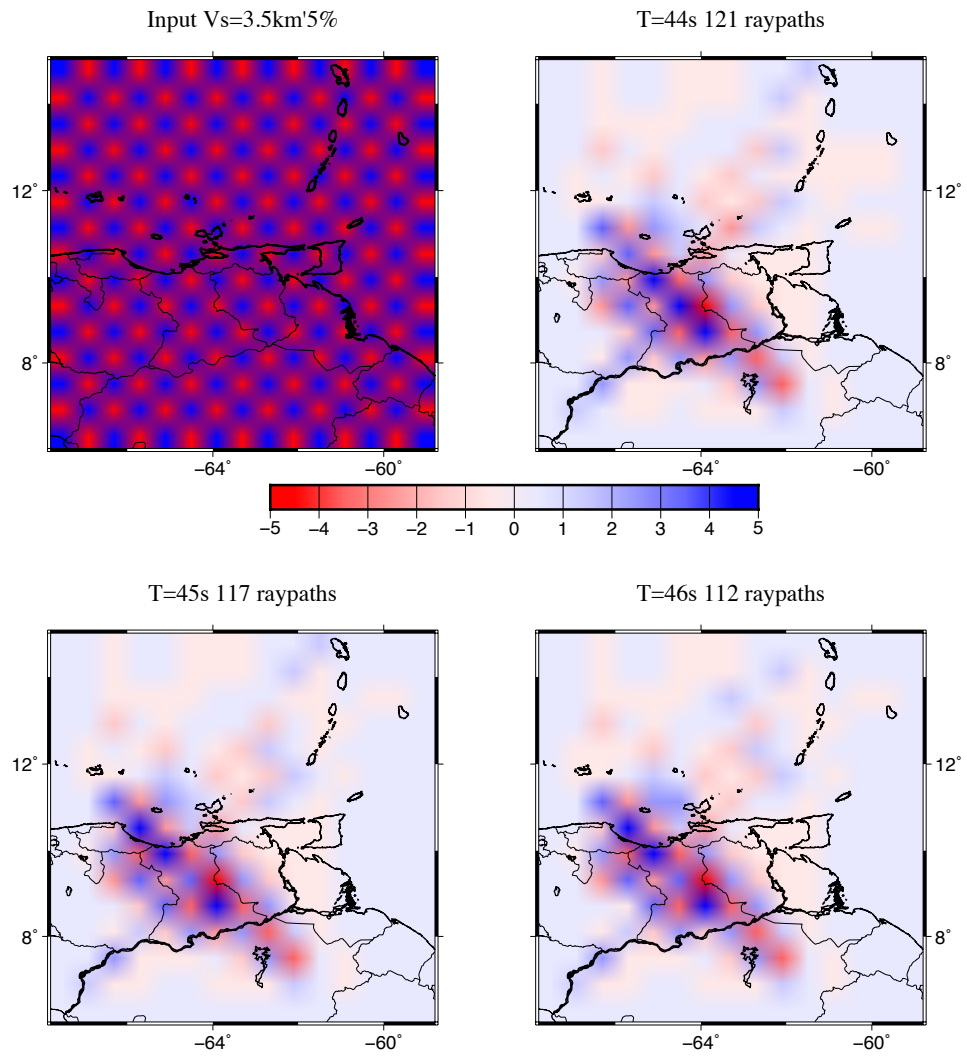
Apéndice 44. *Checkerboard Test* para velocidad de fase entre los 38 s y 40 s de periodo.



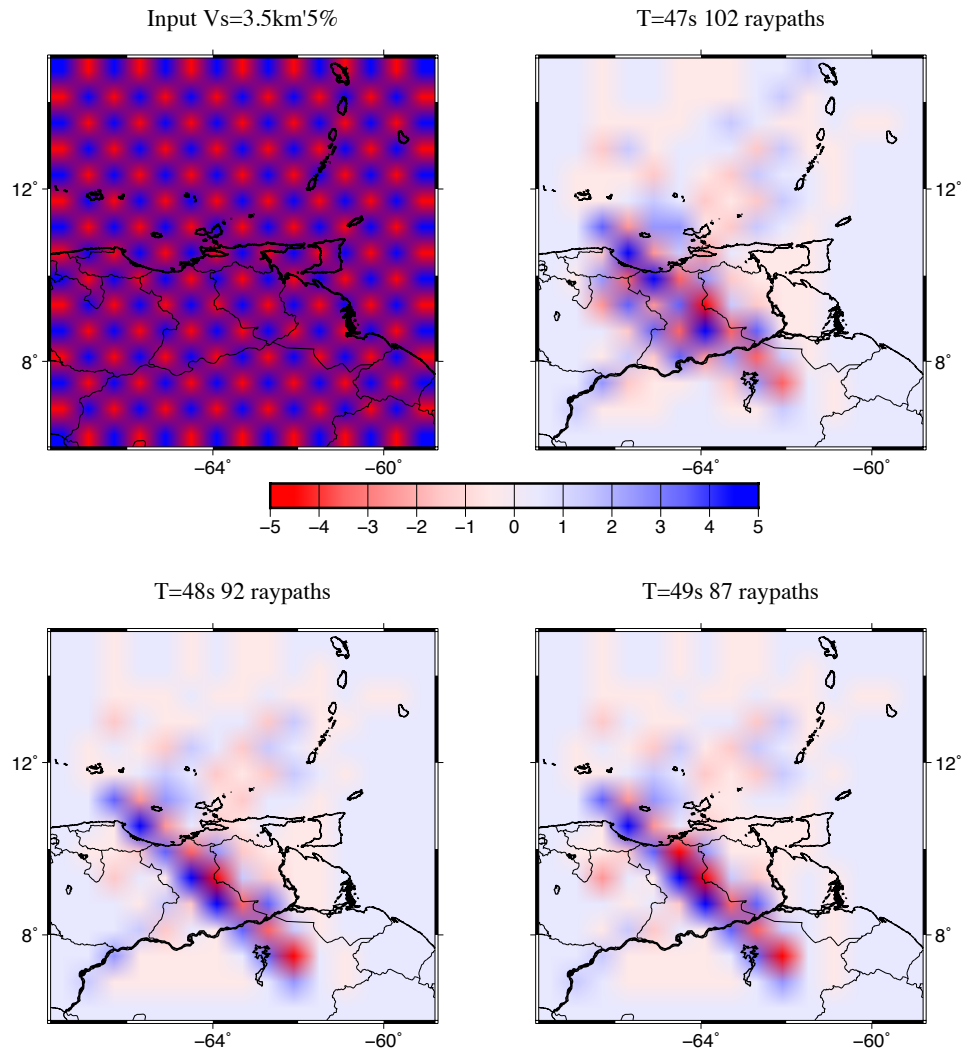
Apéndice 45. *Checkerboard Test* para velocidad de fase entre los 41 s y 43 s de periodo.



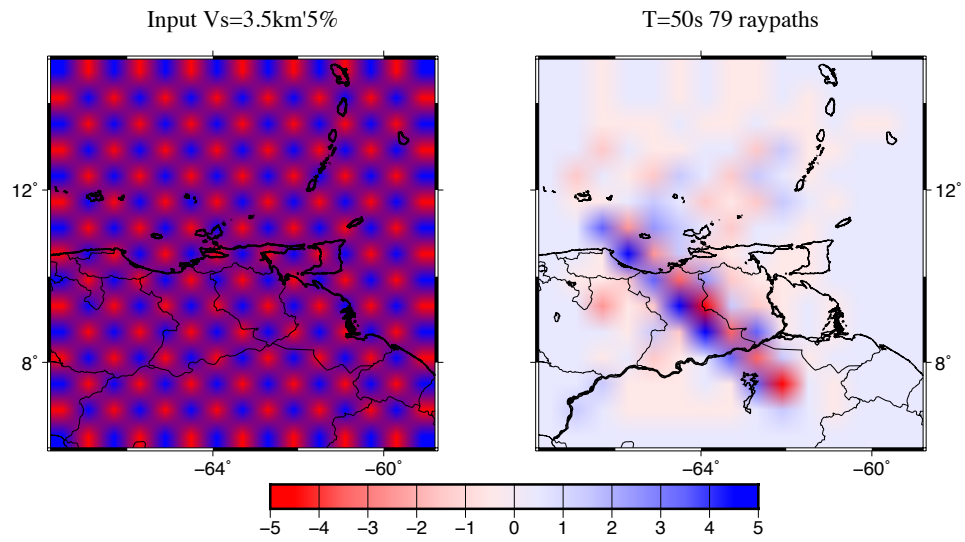
Apéndice 46. *Checkerboard Test* para velocidad de fase entre los 44 s y 46 s de periodo.



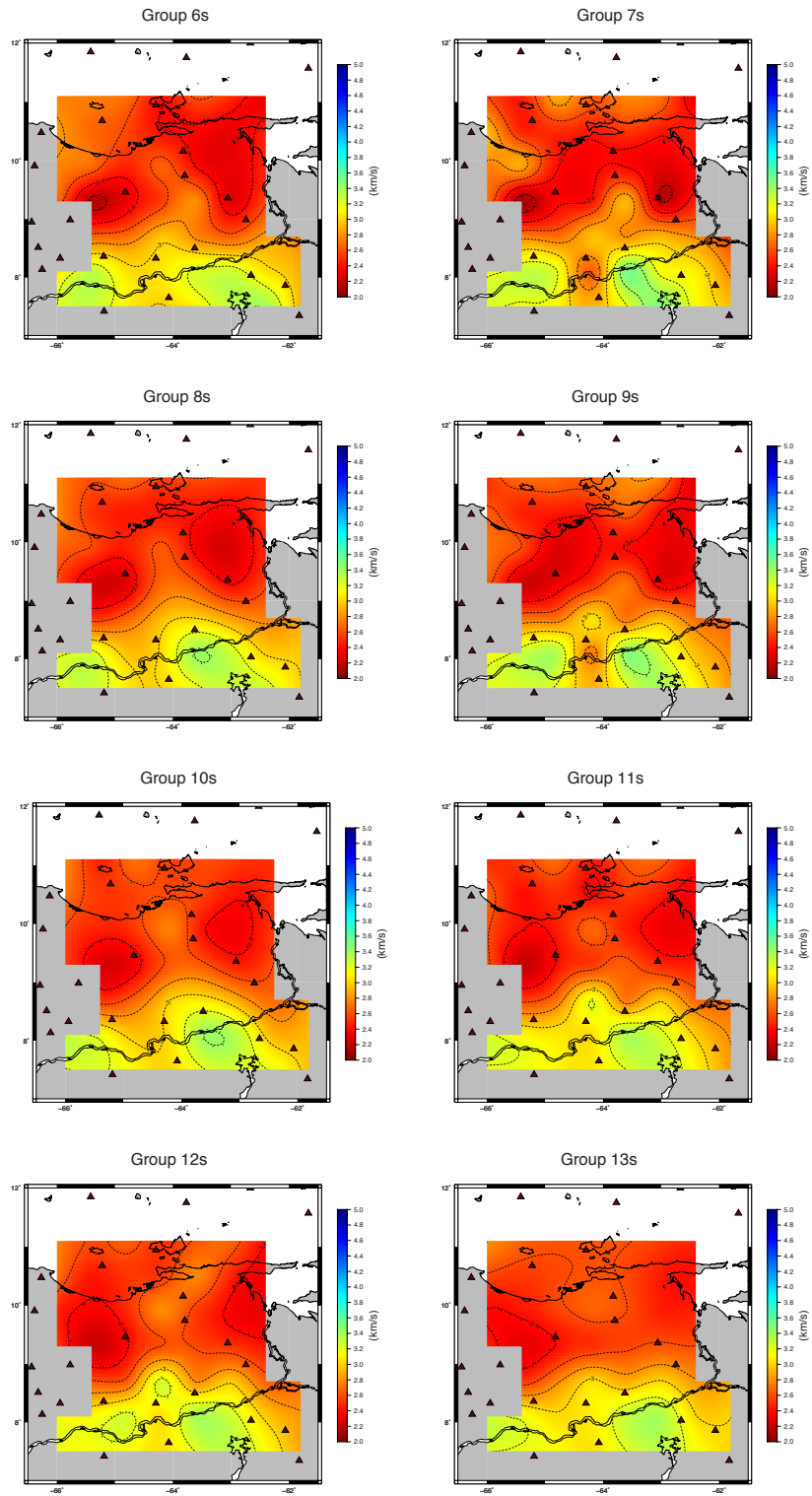
Apéndice 47. *Checkerboard Test* para velocidad de fase entre los 47 s y 49 s de periodo.



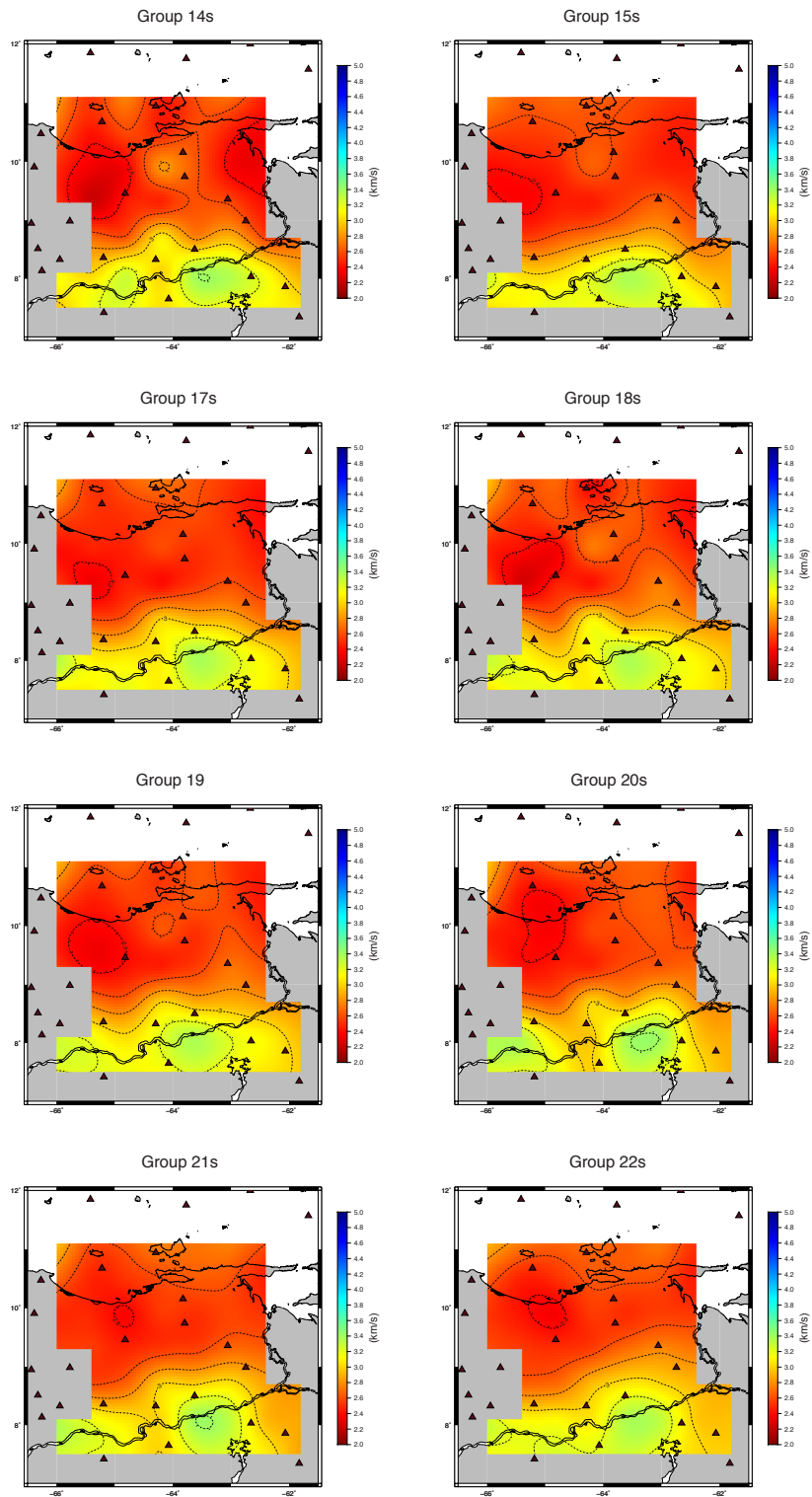
Apéndice 48. *Checkerboard Test* para velocidad de fase entre los 50 s de periodo.



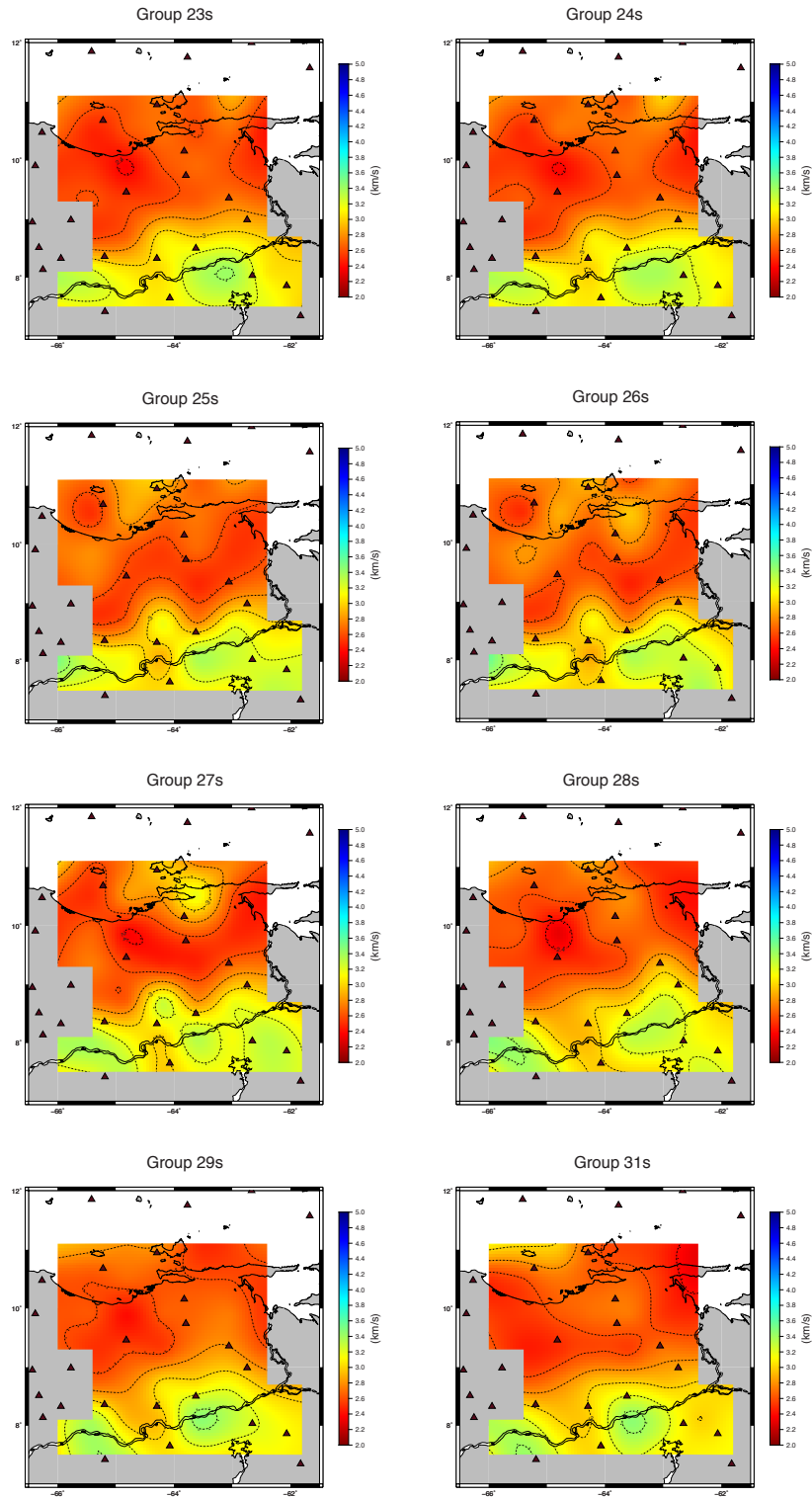
Apéndice 49. Tomografías para velocidad de grupo entre 6 s y 13 s de periodo.



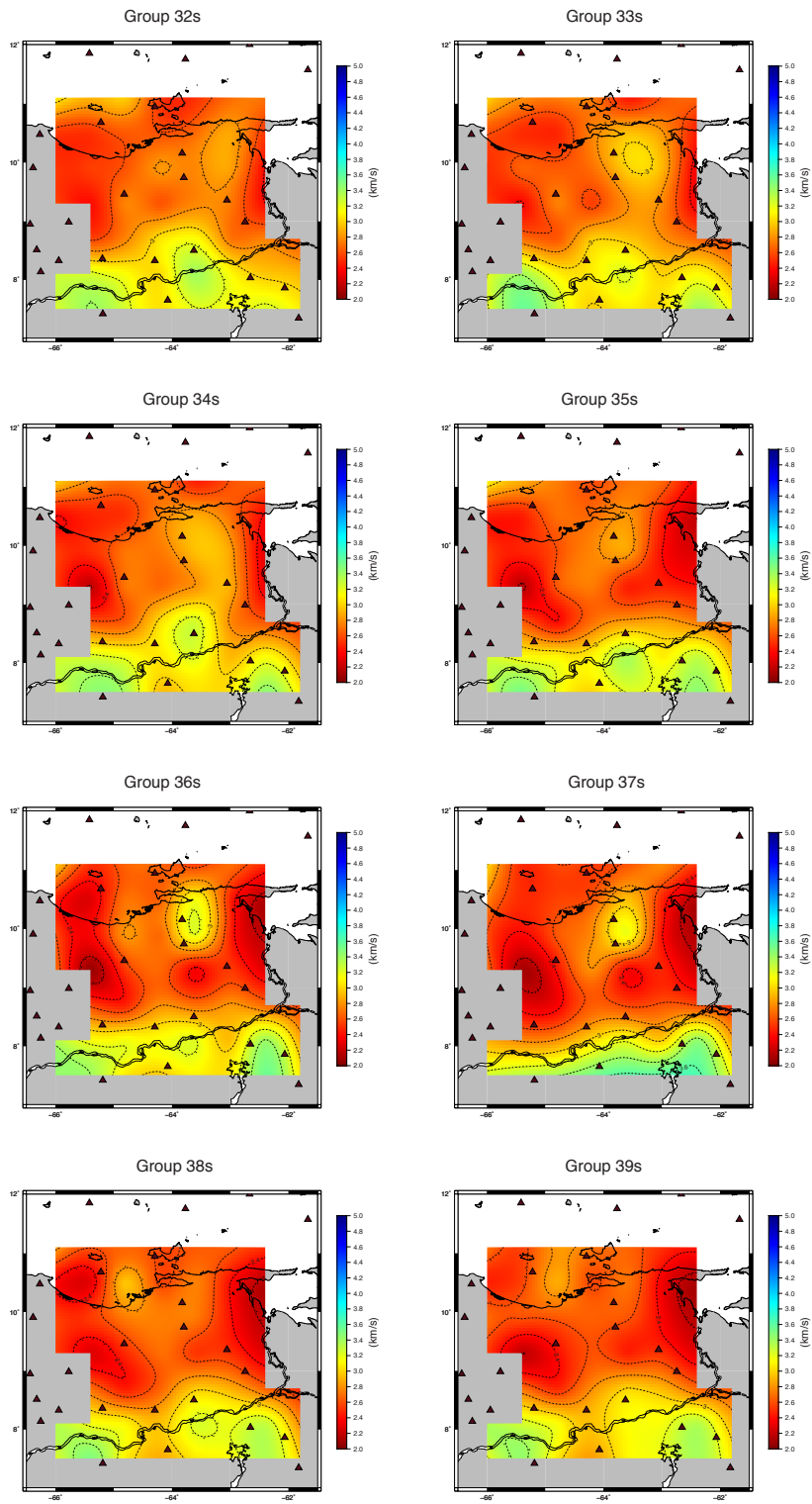
Apéndice 50. Tomografías para velocidad de grupo entre 14 s y 22 s de periodo
(exceptuando 16 s).



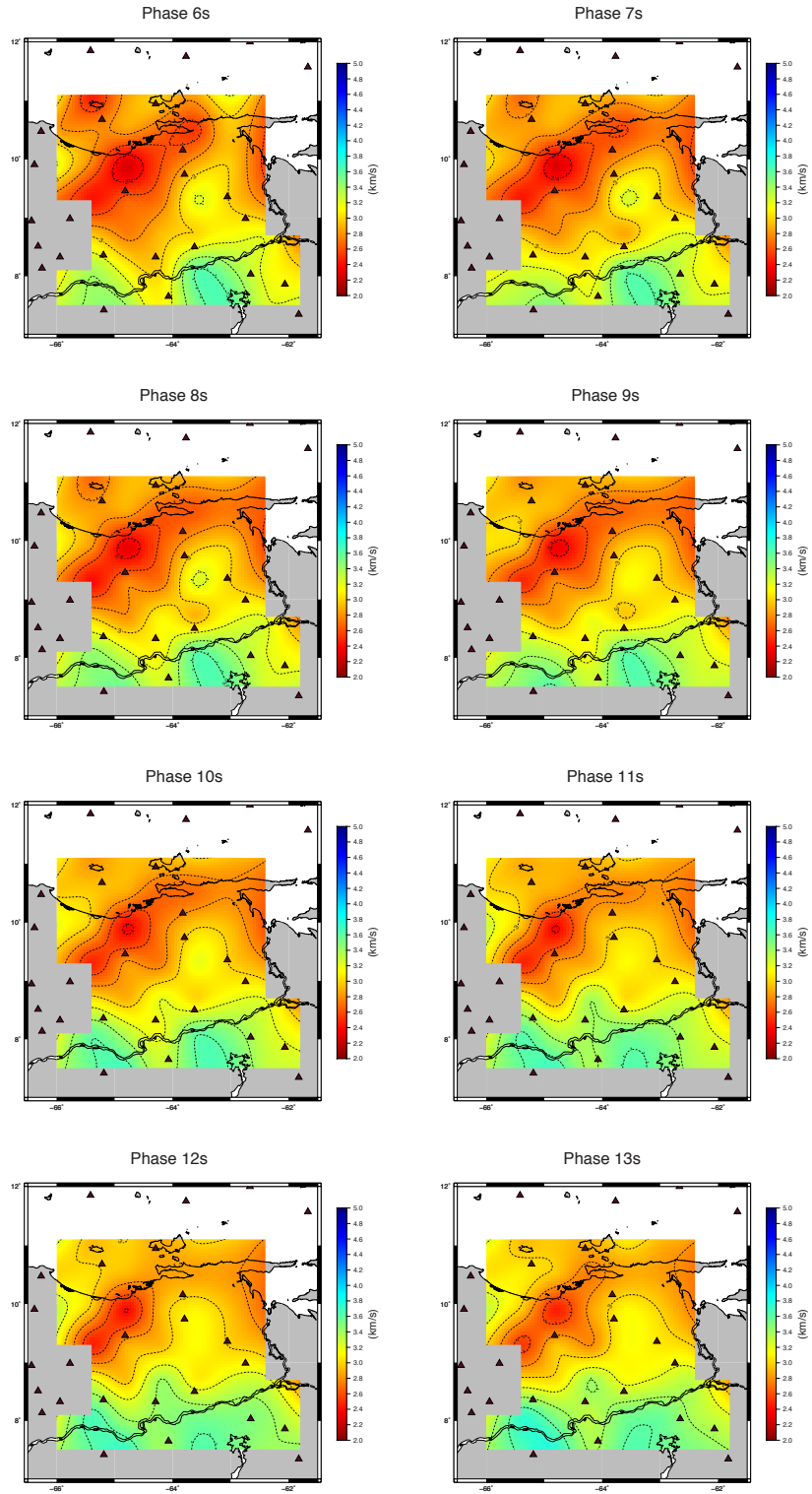
Apéndice 51. Tomografías para velocidad de grupo entre 23 s y 31 s de periodo
(exceptuando 30 s).



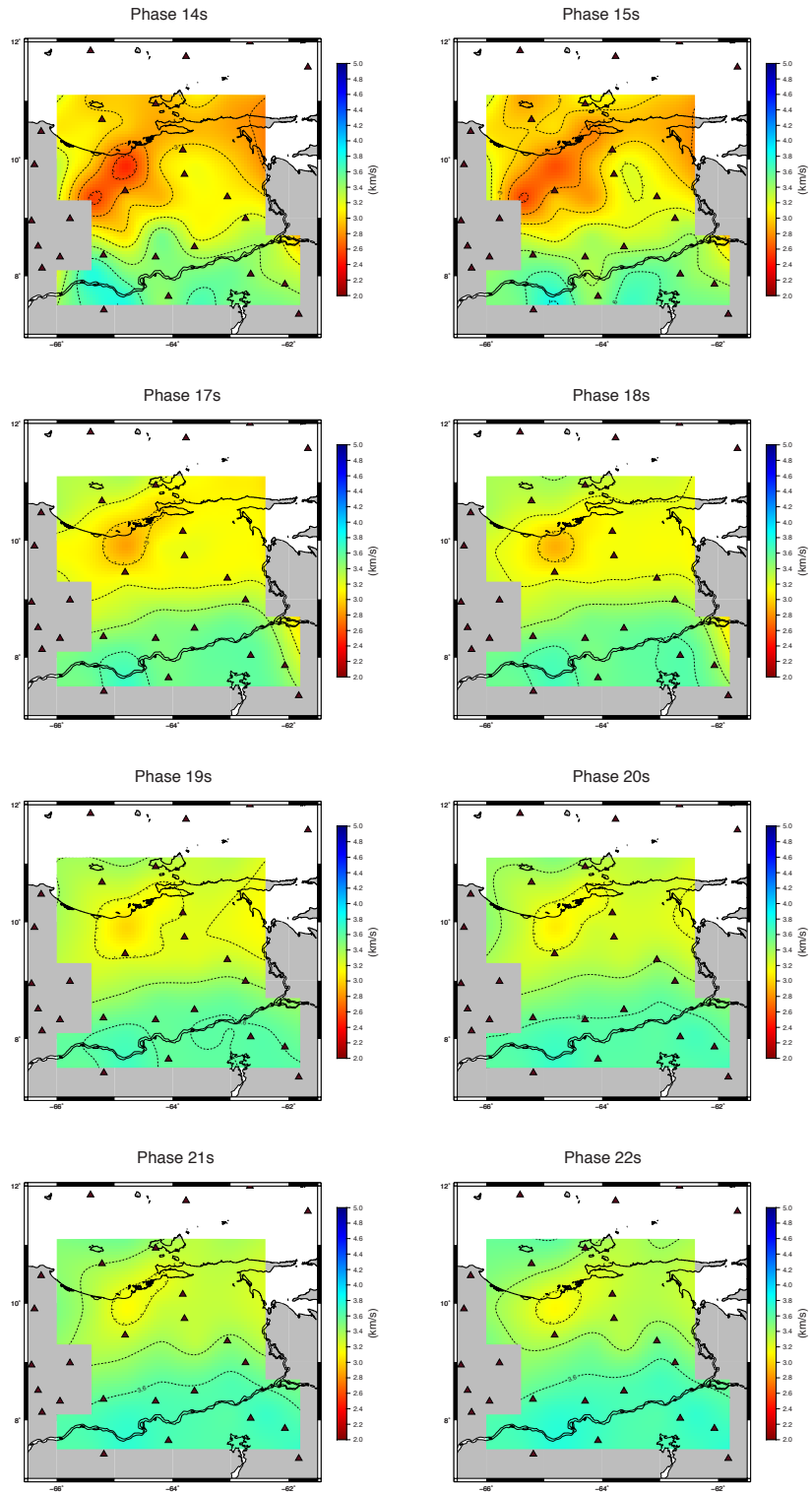
Apéndice 52. Tomografías para velocidad de grupo entre 32 s y 39 s de periodo.



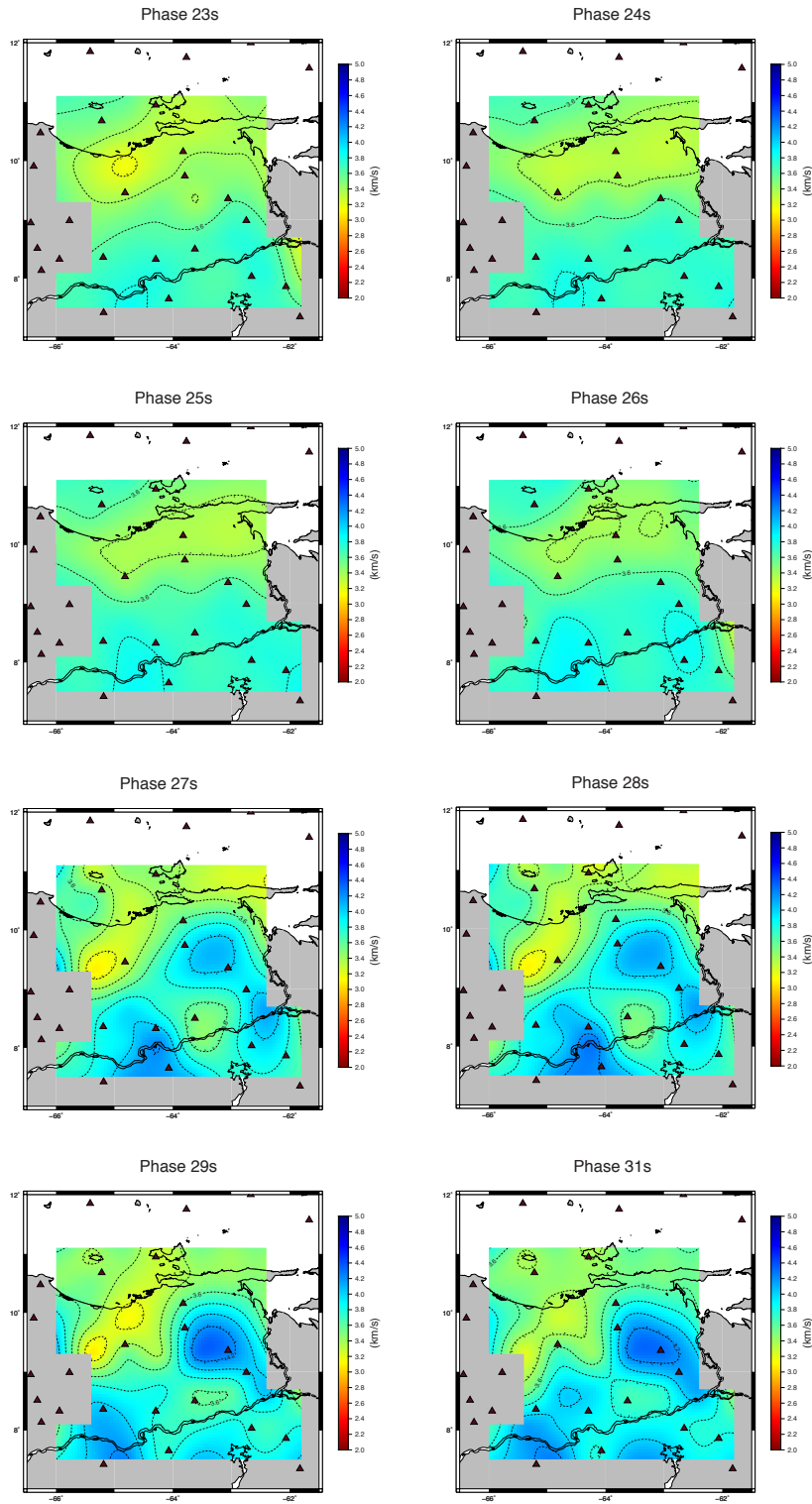
Apéndice 53. Tomografías para velocidad de fase entre 6 s y 13 s de periodo.



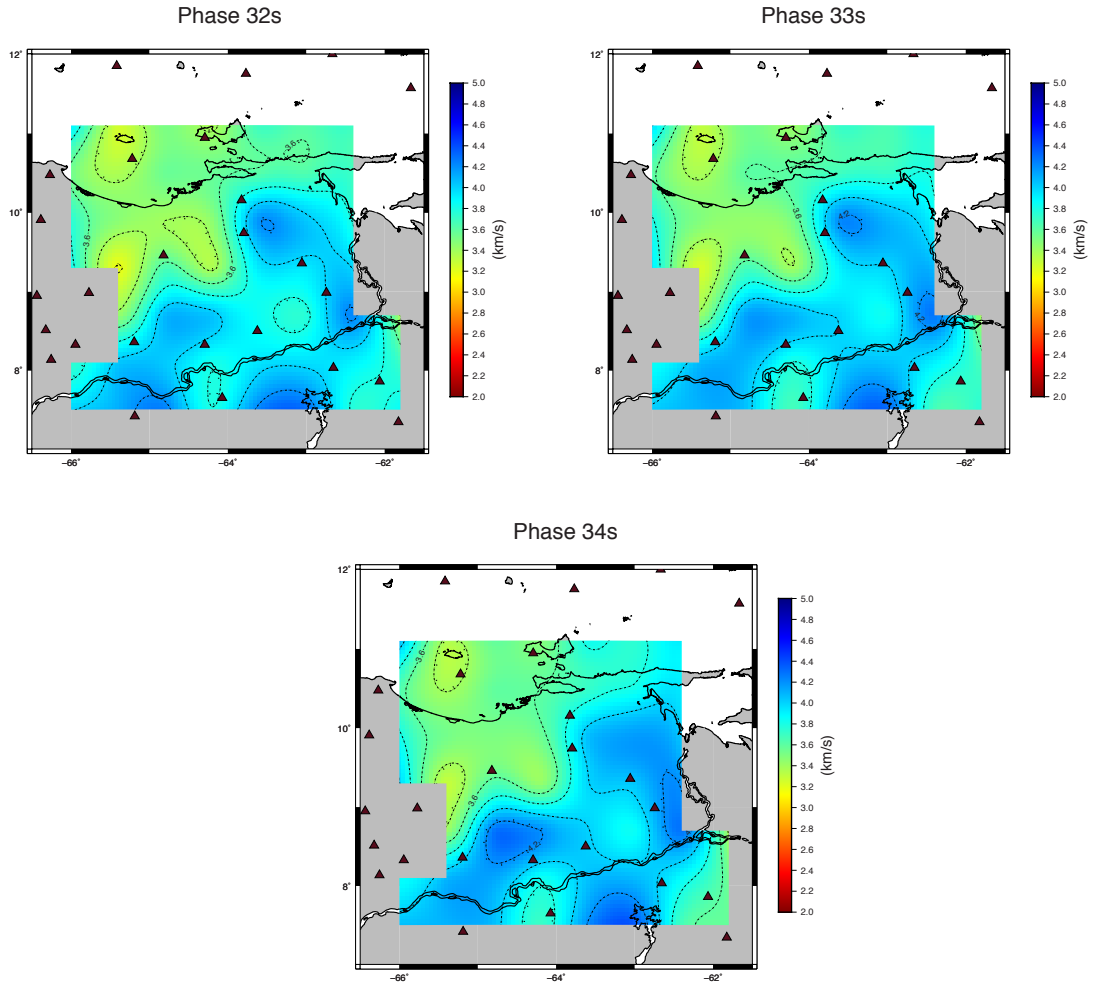
Apéndice 54. Tomografías para velocidad de fase entre 14 s y 22 s de periodo
(exceptuando 16 s).



Apéndice 55. Tomografías para velocidad de grupo entre 23 s y 31 s de periodo
(exceptuando 30 s).



Apéndice 56. Tomografías para velocidad de grupo entre 32 s y 34 s de periodo.



Apéndice 57. Tabla con los valores del modelo usado en los *kernels*, a partir de las V_p obtenido de los perfiles de Bezada *et al.* (2010), las velocidades V_s a partir de una relación de 1.7, la densidad a partir de una ecuación obtenida por DeNosaquo *et al.* (2009) y los valores del factor Q del modelo AK135.

H(KM)	VP (km/s)	VS (km/s)	RHO (g/cc)	QP	Qs
0.366	1.527	0.881	1.038	163.35	80
0.209	1.934	1.116	1.189	163.35	80
0.235	2.246	1.296	1.304	163.35	80
0.157	2.629	1.517	1.446	163.35	80
0.104	3	1.731	1.583	163.35	80
0.392	3.24	1.869	1.672	163.35	80
0.339	3.497	2.018	1.768	163.35	80
0.548	3.814	2.201	1.885	163.35	80
0.522	4.204	2.425	2.029	163.35	80
0.783	4.473	2.581	2.129	1478.3	599.99
0.653	4.707	2.716	2.216	1478.3	599.99
0.836	5.024	2.899	2.333	1478.3	599.99
0.836	5.24	3.023	2.413	1478.3	599.99
0.94	5.455	3.148	2.493	1478.3	599.99
1.671	5.557	3.206	2.53	1478.3	599.99
1.41	5.659	3.265	2.568	1478.3	599.99
1.488	5.808	3.351	2.624	1368.02	599.99
1.305	5.898	3.403	2.657	1368.02	599.99
1.697	6.084	3.51	2.726	1368.02	599.99
1.828	6.21	3.583	2.772	1368.02	599.99
1.958	6.317	3.645	2.812	1368.02	599.99
1.723	6.461	3.728	2.865	950.5	394.62
2.376	6.527	3.766	2.89	950.5	394.62
2.872	6.671	3.849	2.943	950.5	394.62
2.898	6.731	3.884	2.965	950.5	394.62
1.279	7.657	4.418	3.308	950.5	394.62
1.749	7.683	4.433	3.318	950.5	394.62
1.906	7.709	4.448	3.327	950.5	394.62
1.88	7.722	4.456	3.333	950.5	394.62
2.324	7.76	4.478	3.347	950.5	394.62
2.141	7.79	4.495	3.357	950.5	394.62
2.037	7.838	4.522	3.375	950.5	394.62
1.802	7.862	4.536	3.384	950.5	394.62
1.958	7.902	4.559	3.399	972.77	403.93
2.219	7.928	4.574	3.409	972.77	403.93
1.984	7.952	4.588	3.417	972.77	403.93
1.54	7.976	4.602	3.426	972.77	403.93
1.46	8.002	4.614	3.436	972.77	403.93