○Development of an automatic FLR identification code

The computer code for automatic FLR identification uses the following criteria:

- For a maximum in the power ratio (rPwMax), find the closest minimum in the power ratio (rPwMin).
- A maximum in the power ratio (rPwMax) should be larger than the adjacent two rPwMax's (at lower and higher frequencies).
- In the following, we call the frequency difference between the paired rPwMax and rPwMin as dist_rPwMaxMin. Then,
- The rPwMin should be smaller than its adjacent two rPwMin's (at lower and higher frequencies).
  ※Exception: adjacent rPwMin which is farther than (NtimesA × dist_rPwMaxMin) is ignored; the rest(s) are used.

- We discard events for which there exist dPhMax(s) in the (NtimesB × dist_rPwMaxMin) range, where NtimesB is a parameter to be determined by comparison with observations.
- There should be only one minimum in the phase difference (dPhMin) between the (rPwMax, rPwMin) pair.
- The dPhMin should be smaller than its adjacent two dPhMin's (at lower and higher frequencies.)
  ※Exception to this: adjacent dPhMin which is farther than (NtimesB × dist_rPwMaxMin) is ignored; the rest(s) are used.