

RESULTS FOR VELOCITY*

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Abstract

Shows the results of our velocity calculations.

The results for velocity were not quite as successful as we had hoped, but we did get some results. We were able to detect the velocity for objects moving at extremely large velocities (this equated to a large phase shift).

Sample Test Results

Test Case:	1	2	3	4
Target Velocity	4.5654×10^9	9.1308×10^9	2.0106×10^{10}	4.5654×10^8
Measured Velocity	4.4151×10^9	8.9776×10^9	1.3548×10^{10}	3.0494×10^8
Phase Shift	2×10^6	4×10^6	9×10^6	2×10^5
Percent Error	3.29%	1.678%	32.61%	32.21%

Table 1

These results showed that our system can detect the velocity, but only for a narrow range and when the object is moving extremely fast.

1

Now to Conclusion: Conclusions¹

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¹"RADAR Conclusion" <<http://cnx.org/content/m11759/latest/>>