

Evaluation of GPS RTK Performance under Tropical Trees Canopy

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Key words:

SUMMARY

Even though many studies have been made on the performance of RTK globally, the same cannot be said on the study on it's capability under trees canopy, especially while performing under tropical vegetation. This paper discusses some of the early result on this particular study being made in Malaysia recently. Two types of crops were chosen as the canopy parameter for the experiment; rubber trees and palm oil trees. The precision, time to solve the ambiguity, Signal to Noise ratio were among the items being investigated as compared with the percentage of the canopy coverages. Result from the study had shown that the degradation of the positioning performance varied with the type of the trees canopy.

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