

RTCA Special Committee 186, Working Group 5
ADS-B UAT MOPS
Meeting #12

Reception of Ground Vehicles for LA2020 and Core Europe

Prepared by

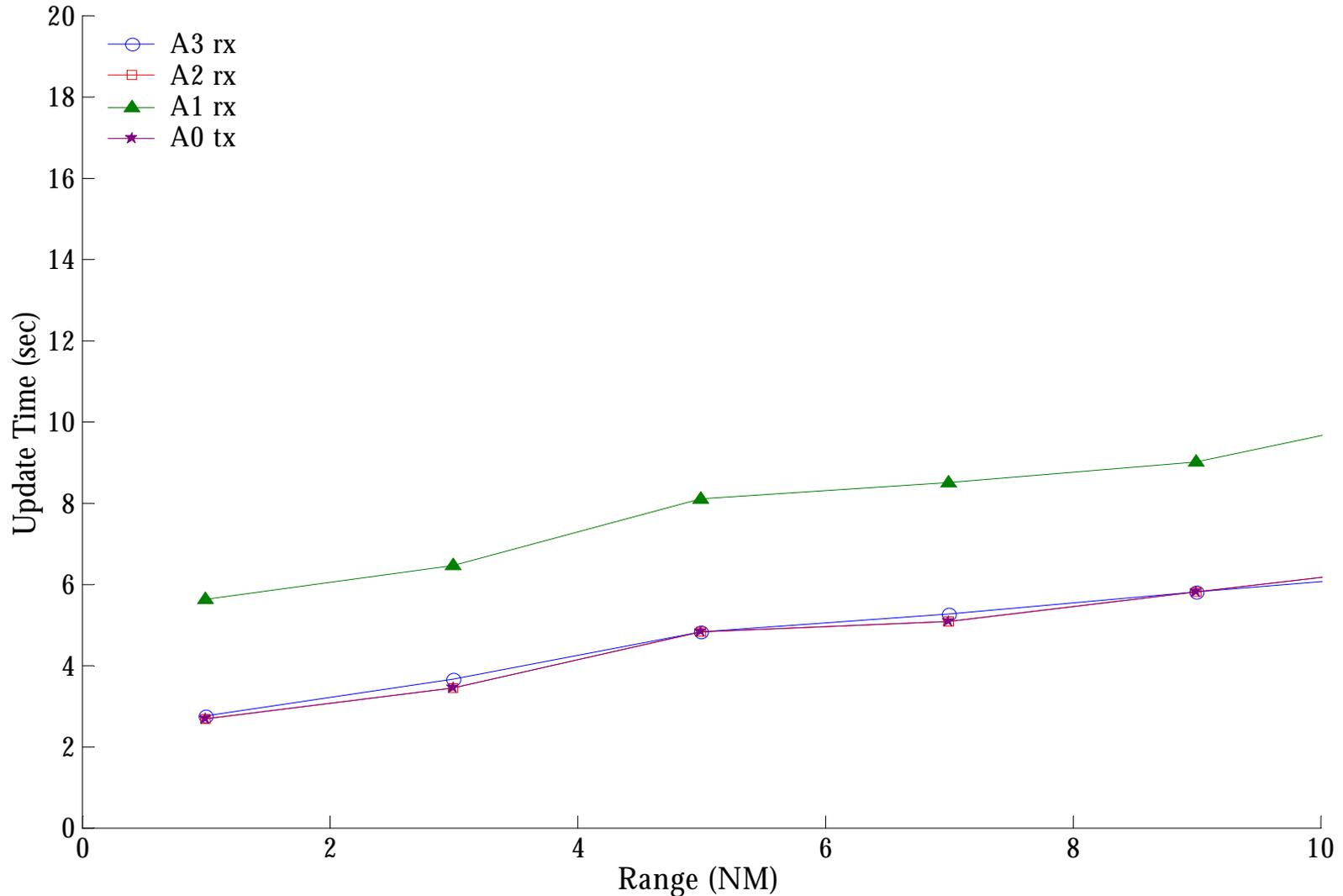
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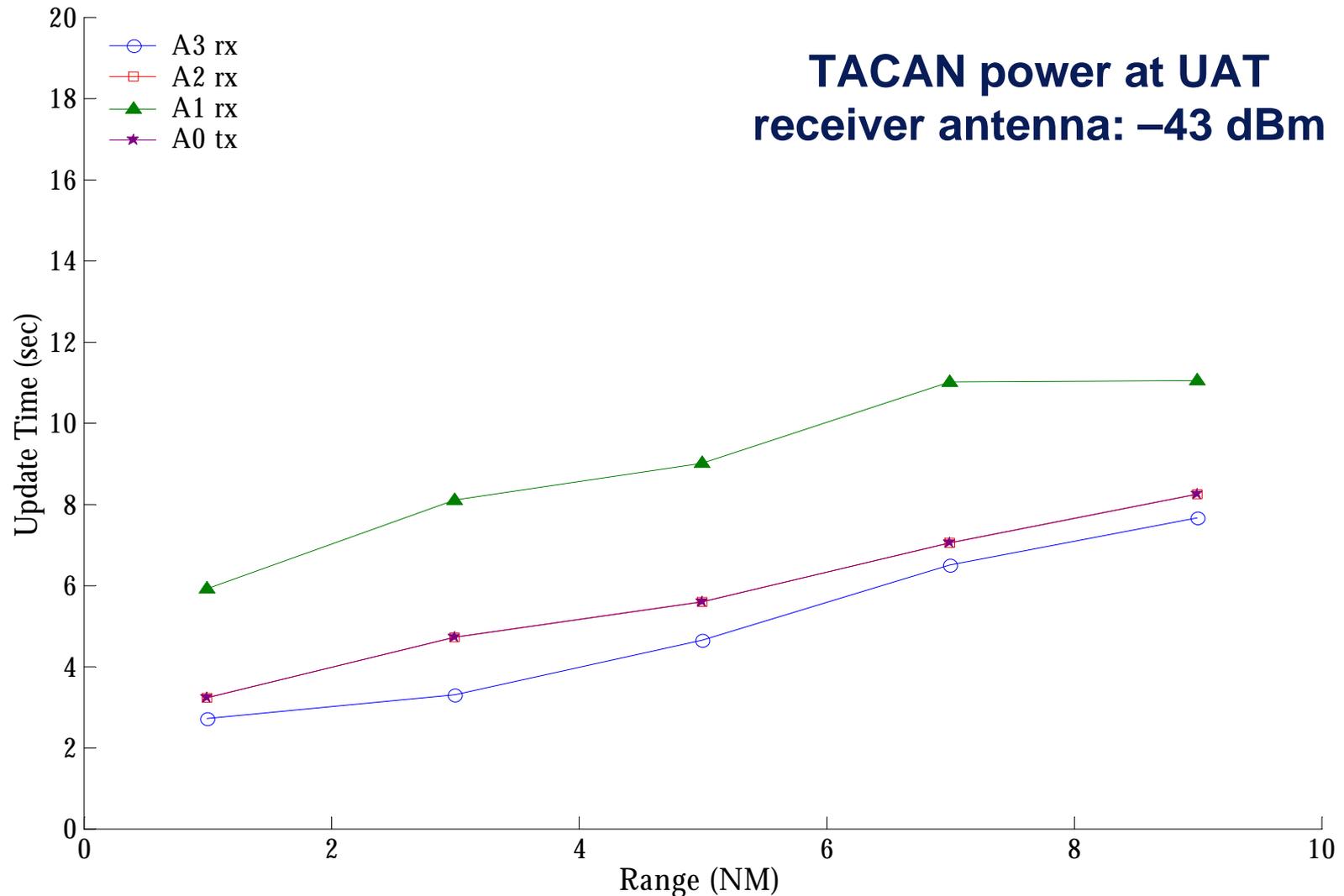
SUMMARY

In response to Action Item 11-03.

Reception of Ground Vehicle by All Receivers at 2000' in LA 2020



Reception of Ground Vehicle by All Receivers at 2000' in CE 2015 (with 10 kW TACAN)



Time between Successive Successful Messages

- In Brussels, WP-11-18 had what seemed to be a glitch in the timing statistics for successful successive messages (to size load on a receiver)
- Subsequent analysis found this was a rare case where the successive messages are being received on the two different receivers

Update Times

- Using case of A2 receiver at FL 150 in LA 2020 and CE 2015, can give 95th and 99th percentile times between receptions for single and diversity receivers.

Times in microseconds		95 th	99 th
LA 2020	Top	414	294
	Bottom	395	267
	Diversity	343	174
CE 2015	Top	431	332
	Bottom	412	274
	Diversity	361	154