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April 14, 2016

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Written *ex parte* presentation in IB Docket No. 12-340; IB Docket No. 11-109; IBFS File Nos. SES-MOD-20151231-00981, SAT-MOD-20151231-00090, and SAT-MOD-20151231-00091

Dear Ms. Dortch:

On April 13, 2016, the undersigned spoke via telephone with Charles Mathias with the Wireless Telecommunications Bureau. During those conversations, we discussed progress being made by Roberson & Associates ("Roberson") on its testing of whether deployment of LTE in adjacent bands affects the ability of GPS devices to provide consumers with accurate location information. We discussed the results from the Roberson testing of several devices that were filed in the docket on February 24, 2016, which showed that the tested general navigation devices showed no degradation in performance at the operating levels contained in the settlement agreements and reflected in the license modification applications.[1] We further discussed that the February 24 letter indicated complete results and analysis on the other devices tested would be forthcoming.[2] During the telephone conversation, I informed the staff that the Roberson testing is complete and that the analysis of the data results is nearing completion. I stated that we expect to file the final Roberson testing results and explanatory information in early May, along with a final report on the relationship between a 1 dB change in C/N_0 (the carrier to noise density ratio) and GPS devices not providing consumers with accurate location information. Shortly thereafter, we will file a complete discussion of the testing processes and methodology, which will build upon the Roberson test plan that was filed on February 24, 2016.

[1] Letter from G. Waldron to M.H. Dortch, IB Docket No. 12-340;, IB Docket No. 11-109; IBFS File Nos. SES-MOD-20151231-00981, SAT-MOD-20151231-00090, and SAT-MOD-20151231-00091 (filed Feb. 24, 2016) at 2-3.
[2] *Id.* at 3.

Please direct any questions to the undersigned.

Sincerely,

/s/

Gerard J. Waldron
Counsel to Ligado Networks LLC

cc: Mr. Charles Mathias