



November 5, 2021

**REDACTED – FOR PUBLIC INSPECTION**

**By Hand Delivery**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
45 L Street NE  
Washington, DC 20510

Re: Expanding Flexible Use of the 3.7 to 4.2 GHz Band,  
GN Docket No. 18-122; Ex Parte Notice

Dear Ms. Dortch:

This letter is filed pursuant to Section 1.1206 of the Commission's rules to notify you of a meeting on November 3, 2021 between representatives of Ericsson and AT&T and the Commission staff shown in Attachment A hereto. During the meeting the parties discussed the co-existence of 5G n77 terrestrial networks in the 3.7 GHz band with radio altimeters in the 4.2-4.4 GHz band. Ericsson presented the results of a simulation that it performed that modeled altimeter interference exposure under the actual conditions at the Santa Monica, California airport. This simulation modeled the emissions from base station equipment utilizing Ericsson-specific Advanced Antenna System ("AAS") patterns, as well as presenting data on the characteristics of those AAS in the vertical plane.

A summary of the simulation including the test results and the AAS antenna patterns is enclosed. Because the summary document contains information that meets the requirements for treatment as "Highly Confidential," Ericsson is filing this documents pursuant to the procedures established in the Protective Order.<sup>1</sup> Accordingly, Ericsson is filing an unredacted copy of the summary document by hand delivery and a copy redacted for public inspection through the Commission's Electronic Comment Filing System. To avoid confusion, a copy of this cover letter, bearing the

---

<sup>1</sup> *Expanding Flexible Use of the 3.7 to 4.2 GHz Band*, Protective Order, 34 FCC Rcd 7700 (2019); Email from Joel Rabinovitz, Office of General Counsel, FCC, to Adam Krinsky, Wilkinson Barker Knauer, LLP, Counsel to Ericsson (dated Nov. 5, 2021).



**REDACTED – FOR PUBLIC INSPECTION**

appropriate confidentiality legend, will accompany each submission. Should any questions arise concerning this letter, please contact the undersigned.

Respectfully submitted,

/s/ Mark Racek  
Mark Racek  
Sr. Director Spectrum Policy  
Ericsson

Enclosure

cc: Commission staff identified in Attachment A (by electronic mail)  
Joel Rabinovitz (by electronic mail)



**REDACTED – FOR PUBLIC INSPECTION**

**ATTACHMENT A**

**Meeting Attendees**

<b>Individual</b>	<b>Organization</b>	<b>Individual</b>	<b>Organization</b>
Ronald Repasi	FCC/OET	Robert Dagleish	Ericsson
Ira Keltz	FCC/OET	Kishore Krishnamurthy	Ericsson
Barbara Pavon	FCC/OET	Albert Lu Yong	Ericsson
Robert Pavlak	FCC/OET	Noman Alam	Ericsson
Janet Young	FCC/OET	Roland Smith	Ericsson
Deborah Broderon	FCC/OGC	Sathya Venkatasubramanian	Ericsson
Elliot Tarloff	FCC/OGC	Hai Wang	Ericsson
Kenneth Baker	FCC/WTB	Hank Hultquist	AT&T
Paul Powell	FCC/WTB	Raquel Noriega	AT&T
Kambiz Rahnvardy	FCC/WTB	David Wolter	AT&T
Gregory Baker	FCC/IB	Neeti Tandon	AT&T
Dante Ibarra	FCC/IB	Navid Motamed	AT&T
Mark Racek	Ericsson	Deepa Devaraj	AT&T
Ian Bloomfield	Ericsson	Eric DeSilva	DLA Piper/AT&T

**REDACTED – FOR PUBLIC INSPECTION**

**PRESENTATION REDACTED**