

**Before the  
Federal Communications Commission  
Washington, DC 20554**

In the Matter of	)	
	)	
Kymeta Corporation Application for Special	)	File No. SES-STA- _____
Temporary Authority for 90 Days to Operate	)	Call Sign: E170070
Up to 20 Ku-Band Transmit/Receive Vehicle	)	
Mounted Earth Stations (VMESs) and Up to	)	
10 Ku-Band Ku-Band Transmit/Receive Earth	)	
Stations on Vessels (“ESVs”)	)	

**APPLICATION FOR SPECIAL TEMPORARY AUTHORITY**

Kymeta Corporation (“Kymeta”), pursuant to Section 25.120(b)(3) of the Commission’s Rules, 47 C.F.R. §25.120(b)(3), respectfully requests that the Commission grant it special temporary authority (“STA”) for a period of 60 days, beginning May 15, 2017, to permit the operation of up to 15 Ku-band transmit/receive vehicle mounted earth stations (“VMES”) and up to 5 Ku-band transmit/receive earth stations on vessels (“ESV”) during the pendency of Kymeta’s application for blanket authorization to operate 5,000 Ku-band VMESs and 1,000 ESVs.

Kymeta seeks this STA so that it can commence limited commercial trials of its innovative 70 centimeter KyWay1 terminal (the “Terminal”), which incorporates a next-generation flat panel antenna that uses software and metamaterials technology to electronically and dynamically steer the antenna beam from a flat thin film transistor (“TFT”) panel to track the target satellite.

Kymeta will conduct operations under the STA on a non-interference basis only. Further, Kymeta acknowledges that grant of the STA, and operations under the STA, will be without prejudice to the Commission’s consideration of Kymeta’s application for blanket authorization.

The Terminal complies with all relevant provisions of Sections 25.222 and 25.226 of the Commission's Rules. Kymeta has provided a detailed description of the Terminal, together with detailed exhibits demonstrating compliance with the Commission's Rules, in its application for blanket authority, File No. SES-LIC-20170223-00195, Call Sign E170070, filed February 23, 2017.

Kymeta requests that the Commission expeditiously grant this application for special temporary authority.

Respectfully submitted,

Robert S. Koppel  
Lukas LaFuria Gutierrez & Sachs LLP  
8300 Greensboro Drive, Suite 1200  
Tysons, VA 22102  
703-584-8669  
[bkoppel@fcclaw.com](mailto:bkoppel@fcclaw.com)  
*Counsel to Kymeta Corporation*

Ryan A. Stevenson  
Vice President and Chief Scientist  
Kymeta Corporation  
12277 134<sup>th</sup> Court, NE  
Suite 100  
Redmond, WA 98052

March 13, 2017