



October 31, 2011

VIA ELECTRONIC FILING

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

Re: LightSquared Subsidiary LLC Request for Modification of its  
Authority for an Ancillary Terrestrial Component, IB Docket  
No. 11-109; IBFS File No. SAT-MOD-20101118-00239  
Ex Parte filing

Dear Ms. Dortch,

LightSquared is providing for the record, and asks that the Federal Communications Commission (“FCC”) take note of, the attached press release announcing LightSquared’s collaboration with PCTEL, a global leader in antenna design, to solve the issue of potential interference to high-precision GPS receivers. As LightSquared has discussed with the Commission previously,<sup>1</sup> the marketplace is working to resolve potential interference to GPS receivers used for precision and timing.

Please direct any questions to the undersigned.

Respectfully submitted,

/s/ Jeffrey Carlisle

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Attachment

<sup>1</sup> Letter from Henry Goldberg, Counsel for LightSquared Subsidiary LLC, to Marlene H. Dortch, Secretary, Federal Communications Commission, Re: Ex Parte Notification, IB Docket No. 11-109, FCC File No. SAT-MOD-20101118-00239, at 2 (filed Oct. 6, 2011).



For Immediate Release

## LightSquared and PCTEL Protect High Precision GPS Applications

### LightSquared and PCTEL Collaboration Solves High Precision GPS Interference

RESTON, Va., October 27, 2011 – LightSquared, a wholesale carrier building a nationwide wireless broadband network that will create consumer choice and drive industry innovation, has collaborated with PCTEL (NASDAQ: PCTI), a global leader in the design and development of innovative antenna solutions, to resolve concerns over high precision GPS receivers.

PCTEL has developed an antenna that will allow existing high precision users to retrofit their GPS devices to make them compatible with LightSquared's network. This antenna provides high precision GPS users with another in a series of solutions to make their equipment LightSquared-compatible.

"PCTEL has developed GPS antenna solutions that have solved a variety of interference issues that others said were unsolvable. Their wideband antenna provides an efficient and elegant solution for thousands of high precision device users," said Martin Harriman, executive vice president of ecosystem development and satellite business at LightSquared.

PCTEL's antenna solutions address applications including public safety, agriculture, construction and aviation. The new antenna will be independently tested with a range of receivers at the world-renowned Alcatel-Lucent Bell Labs in Murray Hill, NJ.

"Over the last year, we have worked closely with LightSquared to develop a narrowband solution to interference issues. Our current work with LightSquared will enable wideband high precision users to have a state-of-the-art solution for their unique positioning needs. We look forward to developing other multiband and wideband high rejection GPS antenna products with LightSquared to bring high precision technology to new levels," said Jeff Miller, PCTEL's senior vice president of sales and marketing.

Despite claims by some GPS device manufacturers that an interference solution would take ten years and billions of dollars to develop, the private marketplace has continued to develop inexpensive solutions using existing technology in just a matter of weeks. PCTEL is the third company to collaborate with LightSquared on a solution to high-precision GPS interference issues. Earlier this month, GPS device maker Javad GNSS [announced](#) the design of antennas that can be retrofitted onto existing devices and the development of new receivers that are compatible with LightSquared's network. Additionally, [Partron America](#) has created a filtering component that costs only \$6.



These solutions will undergo extensive National Telecommunications and Information Administration (NTIA) and Federal Communications Commission (FCC) testing in the coming weeks. Preliminary testing results leave LightSquared confident that the debate over its network and interference from GPS signals will be resolved.

LightSquared's mission is to build a world-class 4G-LTE network that will bring lower prices, better service and more competition to 260 million Americans by 2015. It is through these alliances with engineering experts that new GPS interference solutions have been developed, keeping the company's deployment plan on track so that all Americans can realize the benefits of a new nationwide wireless broadband network.

### About LightSquared

LightSquared's mission is to revolutionize the U.S. wireless industry. With the creation of the first-ever, wholesale-only nationwide 4G-LTE network integrated with satellite coverage, LightSquared offers people the speed, value and reliability of universal connectivity, wherever they are in the United States. As a wholesale-only operator, LightSquared will deploy an open 4G wireless broadband network to be used by existing and new service providers to sell their own devices, applications and services – at a competitive cost and without retail competition from LightSquared. The deployment and operation of LightSquared's network represent more than \$14 billion of private investment over the next eight years. For more information about LightSquared, please go to [www.LightSquared.com](http://www.LightSquared.com), [www.facebook.com/LightSquared](https://www.facebook.com/LightSquared) and [www.twitter.com/LightSquared](https://www.twitter.com/LightSquared).

### About PCTEL

PCTEL, Inc. (NASDAQ: PCTI), develops antenna, scanning receiver, and network solutions for the global wireless market. The company's SeeGull® scanning receivers, SeeHawk® visualization tool, and CLARIFY® system measure, monitor and optimize cellular networks. PCTEL develops and supports scanning receivers for LTE, TD-LTE, EVDO, CDMA, WCDMA, TD-SCDMA, GSM, and WiMAX networks.

PCTEL's MAXRAD®, Bluewave™ and Wi-Sys™ antenna solutions address private network, public safety, and government applications. PCTEL develops and delivers high-value YAGI, Land Mobile Radio, WiFi, GPS, and broadband antennas (parabolic and flat panel). The company's vertical markets include SCADA, Health Care, Smart Grid, Precision Agriculture, Indoor Wireless, Telemetry, Off-loading, and Wireless Backhaul. PCTEL Secure focuses on Android mobile platform security. For more information, please visit the company's web sites [www.pctel.com](http://www.pctel.com), [www.antenna.com](http://www.antenna.com), [www.antenna.pctel.com](http://www.antenna.pctel.com), [www.rfsolutions.pctel.com](http://www.rfsolutions.pctel.com) or [www.pctelsecure.com](http://www.pctelsecure.com).

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### **Forward Looking Statement**

This release contains forward-looking statements and information regarding LightSquared and its business. Such statements are based on the current expectations and certain assumptions of LightSquared's management and are, therefore, subject to certain risks and uncertainties. The forward-looking statements expressed herein relate only to information as of the date of this release. LightSquared has no obligation to update these forward-looking statements to reflect events or circumstances after the date of this release, nor is there any assurance that the plans or strategies discussed in this release will not change.