



August 7, 2013

**VIA ELECTRONIC FILING (ECFS)**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC  
20554

**Re: IB Docket No. 11-109; DA 12-1863, IB Docket No. 12-340; IBFS File Nos. SATMOD-20101118-00239; SAT-MOD-20120928-00160; SAT-MOD-20120928-00161; SES-MOD-20121001-00872; RM-11681; WT Docket No. 12-327**

Dear Ms. Dortch:

LightSquared Inc., on behalf of LightSquared Subsidiary LLC ("LightSquared"), respectfully provides the following supplement to its pending Applications for License Modification referenced above. LightSquared, conditioned on approval of that Applications for License Modification as proposed, makes the following commitments with respect to out-of-band-emissions ("OOBE") and in-band power levels from LightSquared's uplink operations in the 1626.5 MHz – 1660.5 MHz band. For the avoidance of doubt, this commitment applies only to the 1626.5 MHz – 1660.5 MHz band and not any other band or bands.

Specifically, LightSquared agrees that uplink transmissions in the 1626.5 MHz – 1660.5 MHz band shall not exceed the following OOBE limits in the 1559-1610 MHz frequency band with respect mobile wireless transmitter operations:<sup>1</sup>

- (1) EIRP density from 1559-1605 MHz:
  - (i) Wideband emissions: -95 dBW/MHz; and
  - (ii) Narrowband emissions: -105 dBW/kHz.
  
- (2) EIRP density from 1605-1610 MHz:
  - (i) Wideband emissions: from -95 dBW/MHz at 1605 MHz to -71 dBW/MHz at 1610 MHz, as determined by linear interpolation; and

<sup>1</sup> These values are consistent with those agreed to between GPS interests and LightSquared's predecessors-in-interest. See Letter to FCC from Mobile Satellite Ventures L.P. and the U.S. GPS Industry Council, IB Docket No. 01-185, at 4-5 (July 17, 2002); see also Letter to FCC from USGIC and SkyTerra Subsidiary LLC, IBFS File Nos. SAT- MOD-20090429-00046 at 1 (Aug. 13, 2009). The values above represent the levels to which LightSquared had previously committed after its terrestrial service would have been in operation for five years. LightSquared now commits to meet these requirements from the outset of its terrestrial operations.

- (ii) Narrowband emissions: from -105 dBW/kHz at 1605 MHz to -81 dBW/kHz at 1610 kHz, as determined by linear interpolation

Additionally, LightSquared shall limit the transmit EIRP of mobile wireless transmitters in the 1626.5 MHz – 1660.5 MHz band to no greater than 23 dBm.

Respectfully submitted,



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