

Exhibit A

XM Radio Inc. (“XM”) hereby requests a modification of its Special Temporary Authority (“STA”) to test Wireless Communications Service (“WCS”) base stations using WCS C-block (2315-2320 MHz) and D-block (2345-2350 MHz) frequencies in the Dallas area. See File No. 0553-EX-ST-2005 (Call Sign WB2XCA). WCS Wireless License Subsidiary, LLC (“WCS Wireless”), the licensee of these frequencies in Dallas, has consented to this experimental operation.¹

On October 11, 2005, the Office of Engineering and Technology (“OET”) granted XM an STA to test WCS base stations at various sites throughout the Dallas area.² As explained in the original STA request, the purpose of this experimental operation is to further design, develop, and test a WCS network in the Dallas area using base stations operating at a maximum of 2 kW average EIRP.

With this application, XM seeks authority to modify this STA to add the following base station sites, as explained in the accompanying form.

<u>City</u>	<u>Latitude</u>	<u>Longitude</u>
Benbrook	NL 32-41-27	WL 97-26-48
Arlington	NL 32-44-20	WL 97-5-29
The Colony	NL 33-5-5	WL 96-52-29

XM is eliminating the following base station sites previously granted in XM’s original STA request.

<u>City</u>	<u>Latitude</u>	<u>Longitude</u>
Frisco	NL 33-05-03	WL 96-51-13
Arlington	NL 32-45-43	WL 97-04-02

¹ XM is the prospective transferee of the WCS licenses held by WCS Wireless. See Application, ULS File No. 0002240823 (filed July 15, 2005). XM understands that grant of this modified experimental STA is without prejudice to the Commission’s consideration of the pending transfer application.

² As explained in the STA request, XM will operate the base stations in compliance with the Commission’s rules governing WCS base station operations, with the exception of Section 27.50(a)(1) which limits WCS base stations to 2 kW peak equivalent isotropically radiated power (EIRP). 47 C.F.R. § 27.50(a)(1). The base stations to be tested pursuant to this STA will operate at a maximum of 2 kW average, rather than peak, EIRP. WCS Wireless currently has pending a request for a waiver of Section 27.50(a)(1) of the Commission’s rules to operate WCS base stations at average rather than peak EIRP. See *Wireless Telecommunications Bureau Seeks Comment on WCS Wireless, LLC Request for Waiver of Section 27.50(a)*, Public Notice, DA 05-1662 (June 15, 2005). XM understands that grant of this modified experimental STA is without prejudice to the Commission’s consideration of the pending waiver request.