

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

Request for renewal of Special Temporary Authority for XM earth station (call sign E040204) to communicate with XM-1 and XM-2 to conduct testing

1. Applicant

Name:	XM Radio Inc.	Phone Number:	202-380-4000
DBA Name:		Fax Number:	202-380-4981
Street:	1500 Eckington Place, NE	E-Mail:	james.blitz@xmradio.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20002 -
Attention:	James S. Blitz		

2. Contact

Name:	James S. Blitz	Phone Number:	202-380-4000
Company:	XM Satellite Radio Inc.	Fax Number:	202-380-4981
Street:	1500 Eckington Place NE	E-Mail:	james.blitz@xmradio.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20002 -
Attention:		Relationship:	Same

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SESSTA2007101901441 or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
 Governmental Entity Noncommercial educational licensee
 Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City Ellenwood

8. Latitude
(dd mm ss.s h) 33 39 51.0 N

9. State GA	10. Longitude (dd mm ss.s h) 84 16 24.0 W
11. Please supply any need attachments. Attachment 1: Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">XM Radio Inc. (XM) requests renewal of special temporary authority for its earth station (call sign E040204) to communicate for 30 days with XM-1 and XM-2, to conduct limited In-Orbit Tests and take EIRP measurements of the satellite payloads. As a result of a delay in developing the testing procedure, XM may be unable to complete testing within the 30-</div>	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing James S. Blitz	15. Title of Person Signing Vice President, Regulatory Counsel
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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12. Description

XM Radio Inc. (XM) requests renewal of special temporary authority for its earth station (call sign E040204) to communicate for 30 days with XM-1 and XM-2, to conduct limited In-Orbit Tests and take EIRP measurements of the satellite payloads. As a result of a delay in developing the testing procedure, XM may be unable to complete testing within the 30-day period authorized pursuant to File No. SES-STA-20071019-01441. As stated in the initial STA application, the testing will not cause interference to XM or other satellite operators. The specific frequency for testing will be 2338.75 MHz, which is at the center of XM's licensed spectrum and normally used by terrestrial repeaters. The transponders will be operated at saturation (approximately 70 dBW). The test transmissions from the satellites will comply with all power flux density restrictions applicable to XM's current operating satellites, XM-3 and XM-4. The testing is required to assess the performance of the XM system and the state of health of the XM-1 and XM-2 payloads. The emissions designators for the test transmission for the test signals are 1M84G1EDW and N.