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Callsign/Satellite ID:

APPLICATION FOR EARTH STATION AUTHORIZATIONS

**FCC 312 MAIN FORM
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APPLICANT INFORMATION

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

License for a 2.0 Meter C-band Transportable Fixed earth station

1-8. Legal Name of Applicant

Name: TELEVISA, SA de CV Phone Number: 2028281860
DBA Name: Fax Number: 2029555564
Street: 800 17TH STREET NW, STE 1100 E-Mail: NORM.LEVENTHAL@HKLAW.COM
City: WASHINGTON State:
Country: USA Zipcode: -
Attention: NORMAN LEVENTHAL ESQ

9-16. Name of Contact Representative

Name: NORMAN LEVENTHAL ESQ Phone Number: 2028281860
Company: TELEVISA, SA de CV Fax Number: 2029555564
Street: 800 17TH STREET NW, STE 1100 E-Mail: NORM.LEVENTHAL@HKLAW.COM
City: WASHINGTON State: DC
Country: USA Zipcode: -
Attention: Relationship: Legal Counsel

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

a.
 a1. Earth Station
(N/A) a2. Space Station

- b.
 b1. Application for License of New Station
 b2. Application for Registration of New Domestic Receive-Only Station
(N/A) b3. Amendment to a Pending Application
(N/A) b4. Modification of License or Registration
(N/A) b5. Assignment of License or Registration
(N/A) b6. Transfer of Control of License or Registration
(N/A) b7. Notification of Minor Modification
(N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite
(N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States
 b10. Other (Please specify)
 b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States.

17c. 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):

17d.

Fee Classification BAX - Fixed Satellite Transmit/Receive Earth Station

18. If this filing is in reference to an existing station, enter:

(a) Call sign of station:
Not Applicable

19. If this filing is an amendment to a pending application enter:

(a) Date pending application was filed:

Not Applicable

(b) File number of pending application:

Not Applicable

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:

- a. Fixed Satellite
 b. Mobile Satellite
 c. Radiodetermination Satellite
 d. Earth Exploration Satellite
 e. Direct to Home Fixed Satellite
 f. Digital Audio Radio Service
 g. Other (please specify)

21. STATUS: Choose the button next to the applicable status. Choose only one.

Common Carrier Non-Common Carrier

22. If earth station applicant, check all that apply.

- Using U.S. licensed satellites
 Using Non-U.S. licensed satellites

23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:

Connected to a Public Switched Network Not connected to a Public Switched Network N/A

24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s).

- a. C-Band (4/6 GHz) b. Ku-Band (12/14 GHz)
 c. Other (Please specify upper and lower frequencies in MHz.)
Frequency Lower: Frequency Upper:

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- a. Fixed Earth Station
 b. Temporary-Fixed Earth Station
 c. 12/14 GHz VSAT Network
 d. Mobile Earth Station
(N/A) e. Geostationary Space Station
(N/A) f. Non-Geostationary Space Station
 g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY: Choose only one.

Transmit/Receive Transmit-Only Receive-Only N/A

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

Not Applicable

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. §§ 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.

Yes No

RadHaz Study

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government? Yes No
30. Is the applicant an alien or the representative of an alien? Yes No N/A
31. Is the applicant a corporation organized under the laws of any foreign government? Yes No N/A
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? Yes No N/A
33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? Yes No N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote. Alien Ownership

BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules?
If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents. Yes No
Waiver Request

36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances. Yes No

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances. Yes No

38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances Yes No

39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances. Yes No

40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.

41. 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. Yes No
See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.

- 42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43. Yes No

- 42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station?

43. Description. (Summarize the nature of the application and the services to be provided). License for a 2.0 meter C-band T/O transportable temporary fixed earth station that will support the live telecasts of sporting events of significant interest to the applicant's viewers.

- 43a. Geographic Service Rule Certification
By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25. A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements. B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached. C

CERTIFICATION

The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- Individual
- Unincorporated Association
- Partnership
- Corporation
- Governmental Entity
- Other (please specify)

45. Name of Person Signing
William Aquirre Ballesteros

46. Title of Person Signing
General Satellite Director

47. Please supply any need attachments.

Attachment 1:

Attachment 2:

Attachment 3:

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).

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)

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Location of Earth Station Site

E1: Site Identifier: Transportable

E5. Call Sign:

E2: Contact Name Eduardo Ruiz

E6. Phone Number: 525552247163

E3. Street:

E7. City:

E4. State

E8. County:

E10. Area of Operation:

E9. Zip Code

Various CONUS

E11. Latitude: 0 ° 0 ' 0.0 "

E12. Longitude: 0 ° 0 ' 0.0 "

E13. Lat/Lon Coordinates are:

NAD-27

NAD-83

N/A

E14. Site Elevation (AMSL):

0.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as Antenna Waiver a technical

Yes No N/A

			Limit	Limit	Limit	Limit	Limit	(dBW/4kHz)
2.0m	Geostationary	5925 6425	60.0/ 143.0	0.0	5.0	0.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E65. Phone Number	
NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.			
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 0.25 - 24 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERF, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember - You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

FCC IBFS - Electronic Filing

Submission_id :IB2013002100

Successfully filed on :Sep 27 2013 11:15:20:943AM

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EXHIBIT 1

Televisa S.A. de C.V.

FCC Form 312

Questions 30-34

July, 2013

1 of 1

ALIEN OWNERSHIP

The applicant, Televisa S.A. de C.V., is a Mexican corporation the majority of whose corporate officers and directors are Citizens of the United Mexican States ("Mexico). Televisa is owned by Grupo Televisa, S.A.B. a Mexican Corporation based in Mexico City ("Televisa"). Grupo Televisa is owned by public shareholders located worldwide.

Such ownership by non-U.S. entities is not a bar to the grant of a Temporary Fixed Earth Station authorization. Indeed, Bay City Television, Inc., a sister company, also ultimately owned by Grupo Televisa, itself currently holds such authorizations as well as a 325 permit to transmit local news and other programming electronically to Station XETV(TV), Tijuana, B.C., Mexico (File No. 325-RWL-20130430-00001).

Neither Televisa nor Grupo Televisa are representatives of a foreign government.

The applicant proposes to use a non-compliant 2.0 meter C-band antenna. Supporting waiver documentation is attached to Schedule B as "Antenna Waiver".

Non-compliant Antenna Waiver Request

Televisa requests authority to use its new AVL 2.0m antenna in the 5925 – 6425 MHz frequencies.

The AVL 2.0m antenna that is the subject of this application exceeds the antenna performance standards specified in Section 25.209(a), and thus Section 25.220 of the FCC's rules applies.

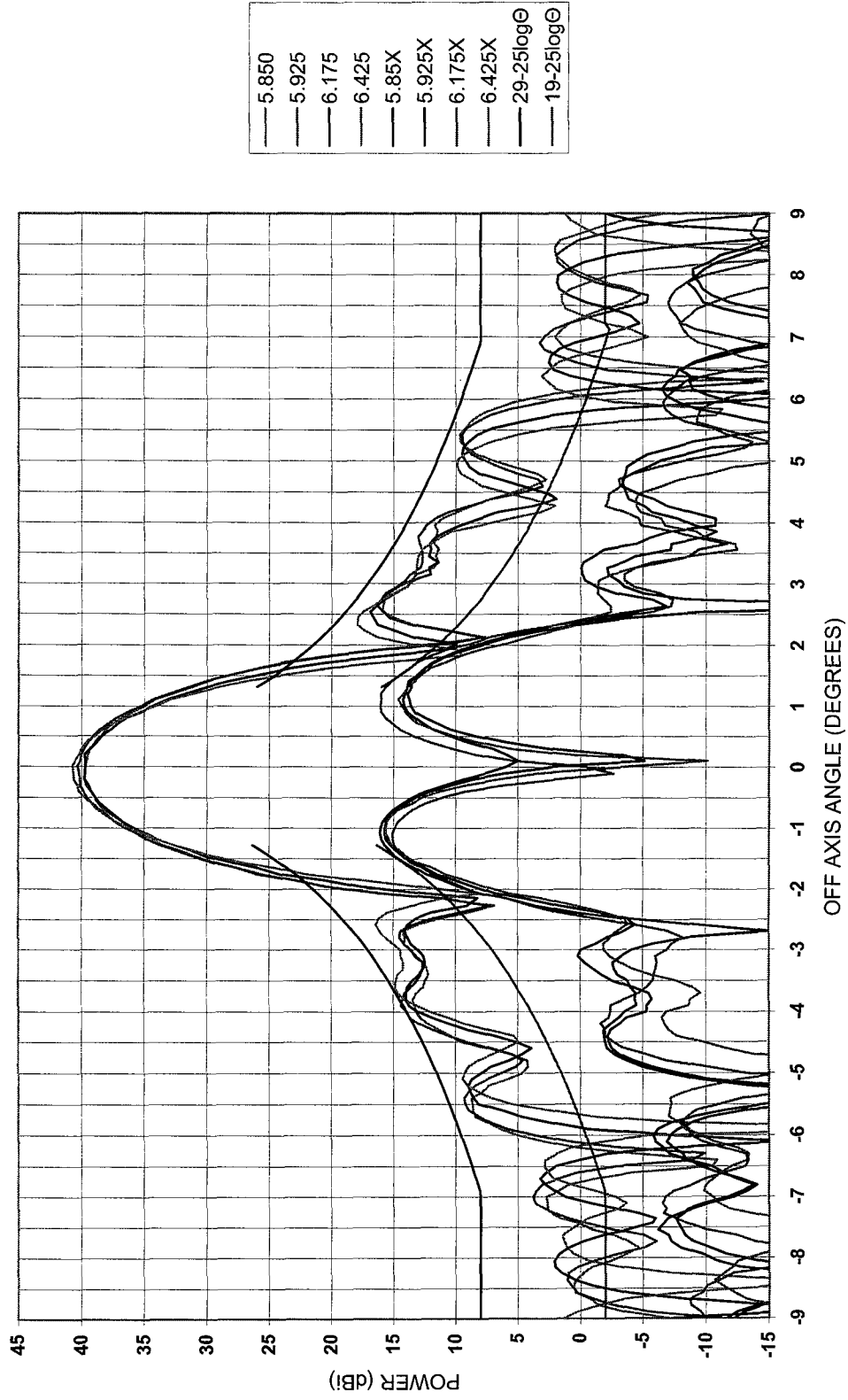
The antenna generally exhibits non-compliance for off-axis angles from 1.0 degrees to 2.0 degrees due to the width of its main lobe. Per the requirement of Section 25.220, the measured antenna performance data has been provided in this Exhibit.

A review of this data indicates that the antenna patterns exceed the antenna performance standard of Section 25.209(a) for off-axis angles from 1.0 degrees to 2.0 degrees by a maximum of 7 dB. Per Section 25.220(c)(1), the applicant must reduce the power and power density levels stated in Sections 25.134, 25.211 or 25.212 of the FCC's rules, whichever is applicable, by the number of decibels that the non-compliant antenna fails to meet the antenna performance standard of Sections 25.209(a) and (b).

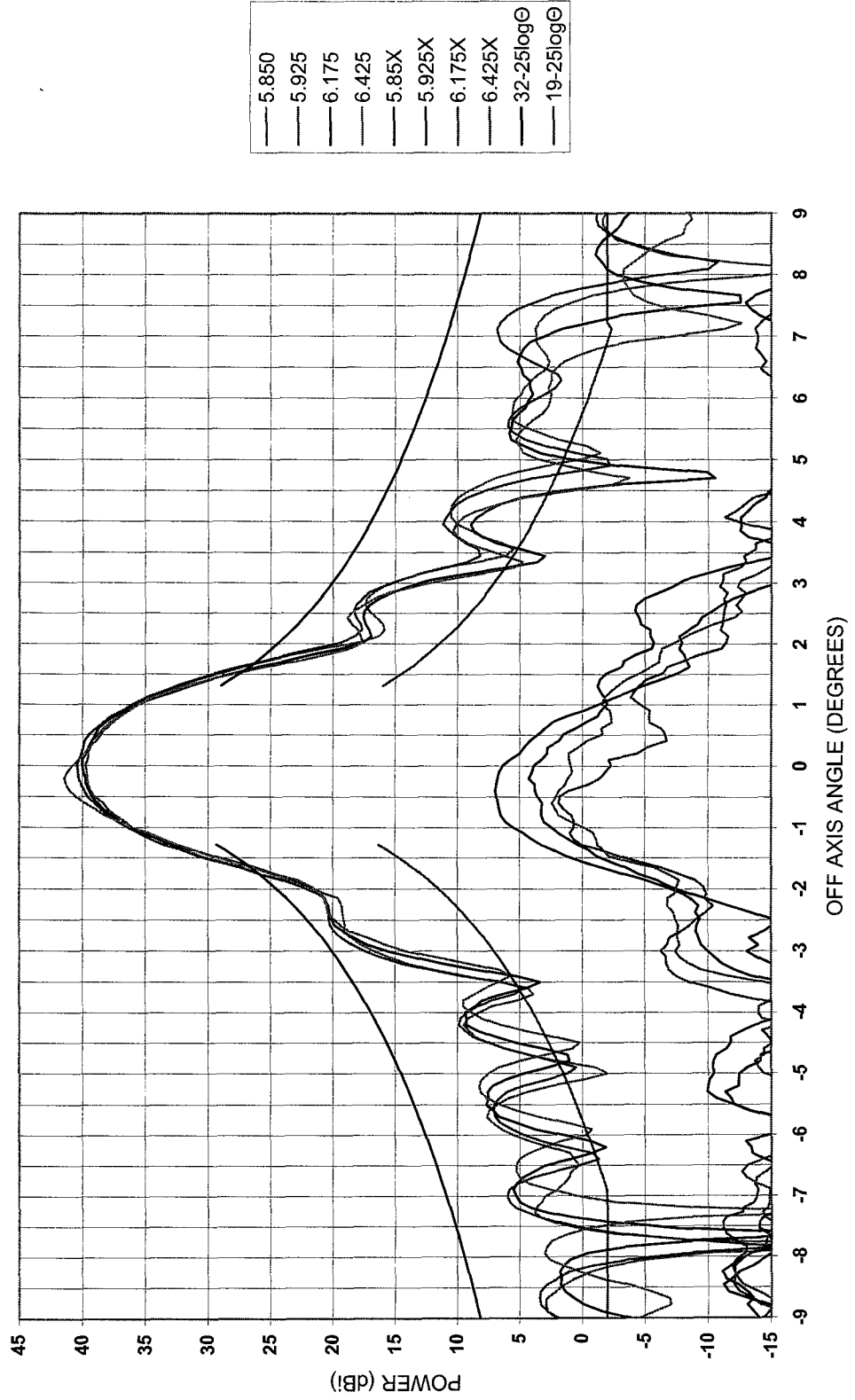
As per Section 25.212, the maximum antenna input power density routinely licensed by the FCC for transmission of digital carriers using a Section 25.209 compliant antenna in C-band is -2.7 dBW/4kHz. To comply with 25.220(c)(1), the maximum transmit power density for the 2.0m antenna should be -9.7 dBW/4kHz, which is a reduction of 7 dB. The Televisa application requests authority to transmit at a maximum power density of -20.6 dBW/4 kHz. Consequently, by transmitting at the reduced power density of -20.6 dBW/4 kHz, the 2.0m antenna complies with the FCC's two-degree spacing policy.

Accordingly, licensing of the proposed earth station will be consistent with the Commission's two-degree spacing policy.

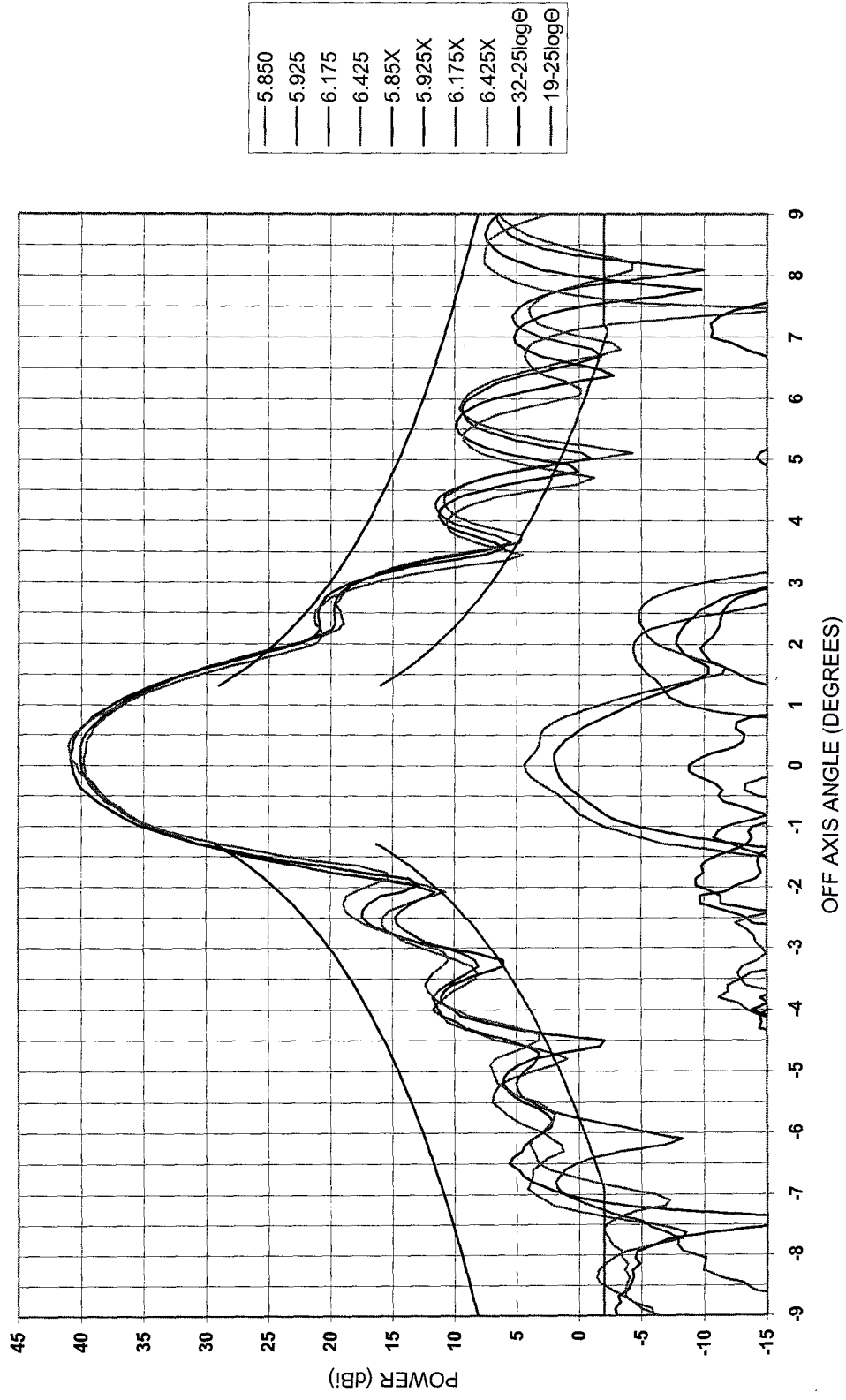
AvL 2.0M C-Band Antenna
Vertical Polarization Transmit Azimuth Patterns



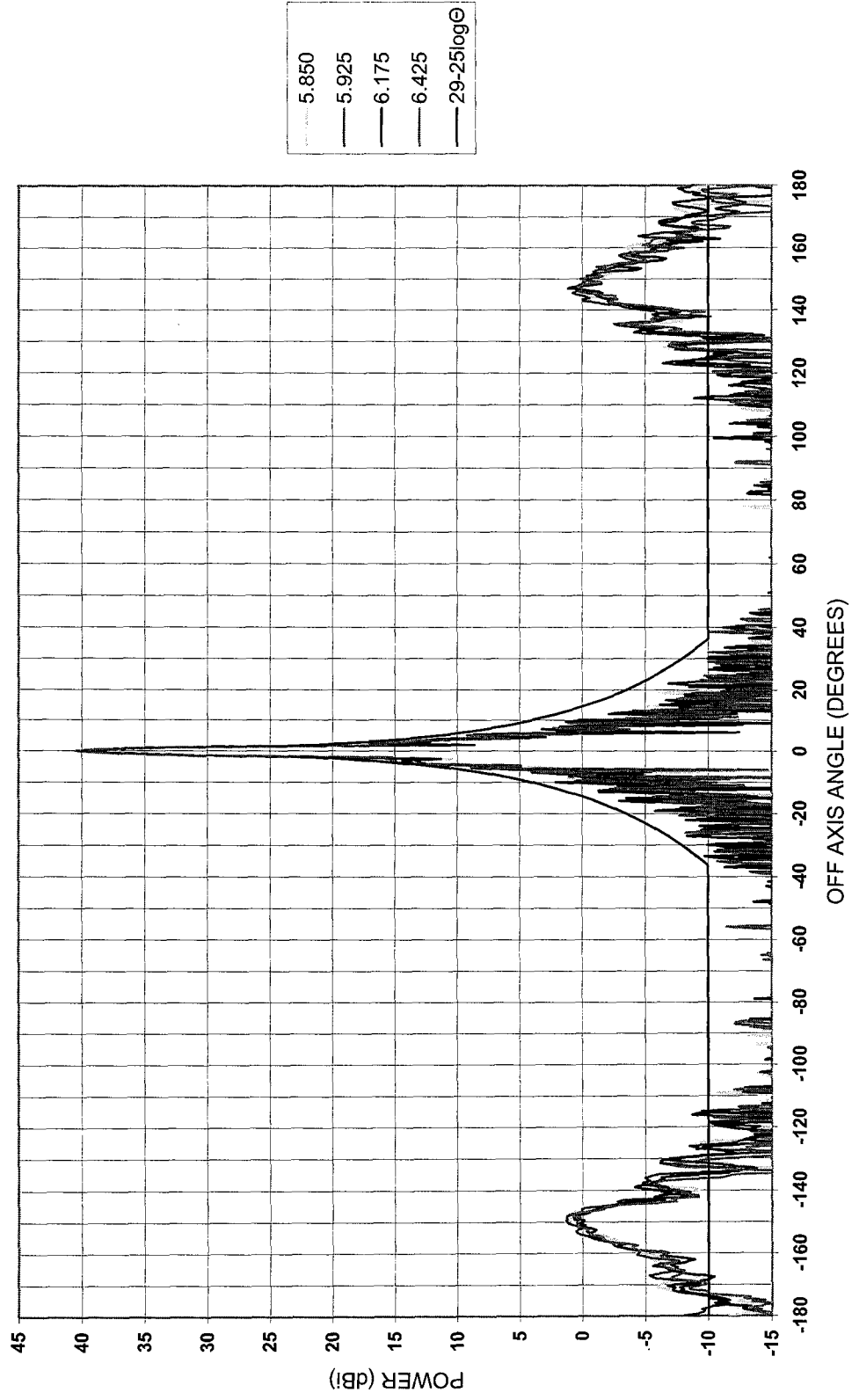
AvL 2.0M C-Band Antenna
Vertical Polarization Transmit Elevation Patterns



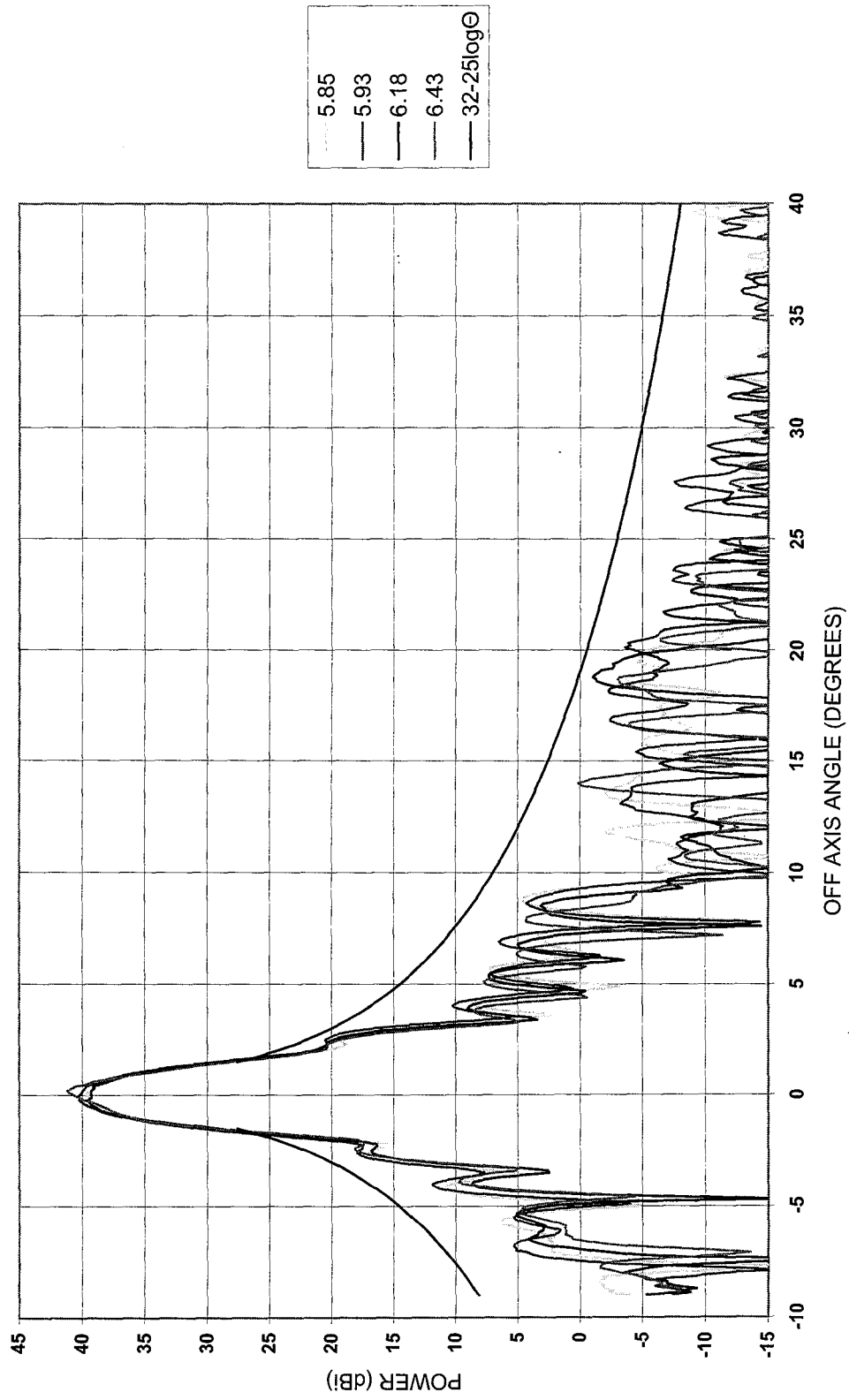
AVL 2.0M C-Band Antenna
Horizontal Polarization Transmit Elevation Patterns



**AvL 2.0M C-Band Antenna
Vertical Polarization Transmit Azimuth Patterns**



AvL 2.0M C-Band Antenna
Horizontal Polarization Transmit Elevation Patterns



AvL 2.0m C-Band Antenna Power Spectral Density with -20.6dBW/4kHz applied to flange

Az	Power Spectral Density (dBW/4kHz) Vertical Polarization			Power Spectral Density (dBW/4kHz) Horizontal Polarization		
	5.85GHz	6.175GHz	6.425GHz	5.85GHz	6.175GHz	6.425GHz
-180	-32.27	-35.32	-34.4	-31.51	-33.74	-33.96
-175	-33.64	-32.25	-35.09	-36	-33.91	-39.64
-170	-26.87	-27.98	-30.41	-33.65	-31.35	-27.26
-165	-28.25	-27.93	-27.79	-28.3	-26.97	-26.94
-160	-25.49	-27.44	-27.16	-25.04	-25.74	-24.65
-155	-22.51	-21.5	-22.21	-22.7	-22.97	-22.83
-150	-20.2	-20.61	-20.11	-21.6	-21.66	-21.61
-145	-23.01	-22.92	-22.3	-24.01	-24.18	-24.72
-140	-29.87	-26.65	-28.15	-26.48	-25.74	-27.15
-135	-28.28	-29.75	-32.51	-30.11	-29.57	-33.02
-130	-28.68	-28.29	-31.95	-30.69	-32.15	-42.03
-125	-29.99	-36.84	-37.33	-33.79	-38.93	-32.97
-120	-34.96	-31.95	-35.82	-41.78	-39.69	-36.54
-115	-30.74	-38.15	-37.32	-41.56	-41.76	-34.09
-110	-37.11	-38.57	-62.18	-33.43	-37.3	-37.37
-105	-38.7	-37.91	-49.17	-36.99	-35.78	-45.33
-100	-43.69	-44.17	-44.09	-46.97	-38.3	-41.91
-95	-43.88	-46.53	-35.48	-39.23	-45.37	-41.44
-90	-42.15	-41.01	-41.35	-33.9	-46.81	-48.04
-85	-35.94	-38.95	-42.27	-35.86	-39.02	-48.99
-80	-40.94	-38.36	-44.3	-38.62	-43.68	-43
-75	-41.8	-39.28	-52.68	-35.94	-48.28	-43.23
-70	-39.08	-51.64	-47.92	-42.55	-44.99	-43.4
-65	-41.24	-39.21	-34.83	-38.91	-48.34	-46.9
-60	-40.84	-41.82	-42.58	-47.29	-42.29	-39.24
-55	-40.12	-37.54	-42	-55.11	-33.88	-36.91
-50	-37.98	-40.73	-49.54	-42.97	-39.06	-49.67
-45	-40.54	-42.44	-36.2	-40.05	-42.48	-44.16

-40	-41.82	-40.74	-42.18	-47.37	-41.3	-35.61
-35	-40.07	-46.62	-31.33	-44.92	-35.96	-42.11
-30	-38.77	-31.08	-37.9	-36.51	-45.93	-34.65
-25	-31.97	-54.77	-41.42	-35.88	-37.91	-36.35
-20	-47.05	-32.25	-28.83	-41.12	-41.43	-28.84
-15	-32.63	-24.09	-28.75	-42.75	-24.47	-30.08
-10	-20.57	-22.93	-31.26	-21.27	-22.99	-28.04
-9.5	-27.92	-20.16	-20.53	-27.97	-21.76	-21.66
-9	-27.56	-27.42	-19.32	-26.91	-25.61	-20.09
-8.9	-24.04	-36.8	-20.34	-24.02	-30.31	-20.78
-8.8	-21.9	-35.07	-22.13	-21.96	-42.22	-22.04
-8.7	-21.27	-28.55	-24.07	-20.85	-34.82	-24.27
-8.6	-20.09	-23.9	-28.47	-20.27	-27.46	-27.27
-8.5	-19.9	-21.06	-36.8	-20.01	-24.76	-31.12
-8.4	-20.07	-19.68	-37.56	-20.15	-22.17	-37.71
-8.3	-20.72	-18.56	-27.95	-20.56	-20.63	-30.72
-8.2	-21.42	-18.05	-23.87	-21.35	-19.56	-26.52
-8.1	-22.91	-17.96	-21.28	-22.67	-19.01	-23.62
-8	-24.18	-18.34	-20.1	-24.8	-18.89	-21.75
-7.9	-25.14	-19.05	-19.56	-26.98	-19.42	-20.57
-7.8	-24.26	-20.25	-19.31	-29.55	-20.11	-19.94
-7.7	-23.16	-21.83	-19.17	-28.71	-21.34	-19.83
-7.6	-21.42	-23.82	-19.82	-25.18	-23.44	-20.02
-7.5	-20.22	-25.8	-20.64	-22.51	-26.65	-20.97
-7.4	-18.84	-26	-21.18	-20.74	-30.48	-22.34
-7.3	-18.2	-24.67	-22.44	-19.3	-30.11	-24.84
-7.2	-17.79	-22.93	-23.61	-18.41	-26.11	-28.46
-7.1	-17.86	-20.9	-24.31	-17.89	-22.74	-32.21
-7	-17.74	-18.84	-23.45	-17.71	-20.77	-29.71
-6.9	-18.74	-18	-21.8	-18.25	-19.25	-25.25
-6.8	-19.53	-17.28	-19.91	-19.06	-18.53	-22.44
-6.7	-21.68	-16.82	-18.5	-20.53	-18.03	-20.69
-6.6	-24.59	-17.27	-18.1	-22.67	-18.15	-19.41
-6.5	-30.99	-18	-17.74	-27.12	-18.9	-18.53

-6.4	-31.33	-19.91	-17.79	-38.81	-20.29	-18.54
-6.3	-24.61	-22.18	-18.77	-31.5	-22.75	-19.15
-6.2	-20.25	-27.38	-19.81	-23.94	-26.97	-20.34
-6.1	-17.66	-36.19	-22.43	-20.16	-40.44	-22.66
-6	-15.55	-27.67	-26.14	-17.58	-31.86	-26.21
-5.9	-14.05	-20.61	-48.94	-15.93	-23.68	-38.08
-5.8	-13.09	-17.69	-28.79	-14.74	-19.8	-33.24
-5.7	-12.06	-15.36	-21.68	-13.85	-16.93	-24.11
-5.6	-11.87	-13.76	-18.17	-13.55	-15.12	-20.05
-5.5	-11.84	-11.89	-15.16	-13.27	-13.98	-17.39
-5.4	-11.73	-11.49	-13.44	-13.79	-13.19	-15.45
-5.3	-12.62	-11.2	-12.44	-14.64	-12.87	-14.23
-5.2	-13.15	-11.05	-11.58	-15.5	-12.99	-13.6
-5.1	-14.66	-11.3	-11.14	-17.59	-13.5	-13.39
-5	-15.79	-12.03	-11.33	-20.16	-14.45	-13.66
-4.9	-16.29	-12.91	-11.65	-21.89	-16.03	-14.22
-4.8	-16.23	-14.35	-12.42	-21.28	-18.3	-15.42
-4.7	-14.89	-15.38	-13.61	-17.66	-21.57	-17.71
-4.6	-13.01	-16.11	-14.67	-15.05	-22.58	-20.94
-4.5	-10.91	-14.91	-15.67	-12.56	-19.16	-23.02
-4.4	-10.09	-13.13	-15.3	-10.85	-15.72	-20.4
-4.3	-9.1	-11	-13.2	-9.73	-12.97	-16.42
-4.2	-8.2	-9.45	-11.26	-8.92	-11.14	-13.48
-4.1	-7.59	-8.16	-10.08	-8.29	-9.81	-11.53
-4	-7.32	-6.99	-8.49	-7.89	-8.79	-9.82
-3.9	-7.14	-6.26	-7.47	-8.03	-8.2	-8.61
-3.8	-7.05	-6.05	-6.53	-8.18	-7.88	-7.9
-3.7	-7.29	-6.08	-5.95	-8.48	-7.96	-7.47
-3.6	-7.85	-6.13	-5.76	-8.76	-8.25	-7.35
-3.5	-8.01	-6.55	-5.79	-9.26	-8.76	-7.38
-3.4	-8.28	-7.07	-5.98	-9.52	-9.2	-7.69
-3.3	-8.16	-7.42	-6.39	-9.28	-9.67	-7.84
-3.2	-7.83	-7.59	-6.39	-8.81	-9.55	-8.13
-3.1	-7.16	-7.42	-6.2	-8.13	-8.93	-7.81

-3	-6.92	-7.03	-6.17	-7.37	-8.06	-7.43
-2.9	-6.32	-6.44	-5.58	-7.06	-6.96	-6.59
-2.8	-6.35	-6.14	-4.91	-6.73	-6.11	-5.79
-2.7	-6.27	-5.97	-4.52	-6.89	-5.58	-5.16
-2.6	-7.31	-6.14	-4.21	-7.88	-5.48	-5.02
-2.5	-9.25	-6.82	-4.47	-9.81	-5.83	-5.17
-2.4	-11.41	-8.07	-5.13	-13.33	-7.33	-6.08
-2.3	-13.59	-10.93	-7.07	-19.37	-9.77	-8.06
-2.2	-8.93	-11.8	-9.74	-13.78	-16.2	-12.45
-2.1	-4.48	-7.65	-12.45	-6.86	-21.21	-39.13
-2	-0.05	-2.49	-7.76	-2.42	-8.51	-11.03
-1.9	2.51	0.61	-2.9	0.82	-3.28	-4.58
-1.8	5.05	4.06	1.35	3.75	1.1	0.41
-1.7	7.25	6.01	4.09	5.93	4.02	3.69
-1.6	8.79	7.86	6.52	8.11	6.61	6.32
-1.5	10.46	10.06	8.87	9.52	8.62	8.74
-1.4	11.75	11.22	10.55	11.2	10.44	10.7
-1.3	13.09	12.64	12.06	12.3	11.86	12.19
-1.2	13.84	13.95	13.34	13.64	13.29	13.54
-1.1	14.93	14.94	14.62	14.74	14.53	14.88
-1	15.55	15.81	15.54	15.52	15.49	15.74
-0.9	16.2	16.69	16.66	16.29	16.33	16.76
-0.8	17.02	17.29	17.4	17.04	17.13	17.45
-0.7	17.85	17.97	18.2	17.5	17.76	18.14
-0.6	18.26	18.53	18.64	17.94	18.39	18.75
-0.5	18.49	18.9	19.17	18.54	18.74	19.19
-0.4	18.8	19.19	19.61	18.74	19.15	19.47
-0.3	19.14	19.4	19.71	19.01	19.41	19.79
-0.2	19.29	19.73	20	19.15	19.62	19.9
-0.1	19.24	19.71	20.05	19.16	19.67	20.01
0	19.29	19.65	20.1	19.29	19.76	20.1
0.1	19.11	19.65	19.9	19.22	19.66	20.03
0.2	19.07	19.76	19.6	19.14	19.46	19.83
0.3	18.83	19.27	19.4	18.95	19.21	19.43

0.4	18.49	18.74	19	18.69	18.9	19.11
0.5	17.94	18.34	18.3	18.4	18.44	18.76
0.6	17.57	17.6	17.67	17.79	17.95	18.12
0.7	17.02	17.08	16.84	17.17	17.27	17.34
0.8	16.29	16.36	15.79	16.53	16.55	16.74
0.9	15.53	15.24	14.77	15.82	15.77	15.72
1	14.47	14.24	13.4	15.07	14.89	14.98
1.1	13.64	13.06	12.28	13.9	13.59	13.61
1.2	12.29	11.64	10.46	12.88	12.32	12.15
1.3	10.67	9.89	8.35	11.46	10.87	10.44
1.4	9.37	8.04	6.06	10.07	9.22	8.52
1.5	7.46	5.68	2.96	8.64	7.22	6.46
1.6	5.27	3.03	-0.59	6.63	4.79	3.76
1.7	3.21	0.11	-4.93	4.47	1.91	0.14
1.8	-0.45	-4.66	-11.13	2.07	-1.51	-4.26
1.9	-4.33	-9.15	-10.66	-1.17	-6.21	-11.47
2	-8.83	-10.09	-6.89	-6.17	-16.34	-18.04
2.1	-12.83	-6.58	-4.27	-14.14	-14.95	-9.09
2.2	-9.88	-5.09	-3.23	-29.27	-9.12	-5.74
2.3	-7.09	-3.74	-2.67	-13.6	-6.47	-4.31
2.4	-5.52	-3.4	-2.72	-9.32	-4.93	-3.36
2.5	-4.53	-3.13	-3.14	-7.22	-4.3	-3.2
2.6	-4.59	-3.63	-3.98	-6.06	-4.1	-3.38
2.7	-4.73	-4.26	-4.69	-5.79	-4.46	-3.81
2.8	-5.1	-5.15	-5.67	-5.78	-5.01	-4.55
2.9	-5.86	-6.09	-6.71	-6.18	-5.78	-5.54
3	-6.85	-6.6	-7.18	-6.63	-6.82	-6.46
3.1	-7.33	-8	-7.35	-7.68	-7.88	-7.2
3.2	-8.68	-7.89	-7.47	-8.31	-8.65	-7.8
3.3	-9.07	-8.62	-7.51	-8.75	-9.07	-8.11
3.4	-8.84	-7.87	-7.59	-9.26	-9.29	-8.27
3.5	-9.06	-8.03	-7.92	-9.28	-9.37	-8.5
3.6	-8.7	-7.93	-8.61	-9.17	-9.52	-8.87
3.7	-8.86	-8.36	-9.37	-9.26	-9.64	-9.34

3.8	-8.97	-9.24	-10.23	-8.71	-9.93	-10.2
3.9	-8.81	-10.43	-12.66	-8.98	-10.82	-11.55
4	-9.43	-12.04	-15.08	-9.22	-12.04	-13.42
4.1	-10.57	-13.42	-17.4	-9.79	-13.73	-15.79
4.2	-11.72	-16.19	-18.58	-10.54	-16.32	-18.99
4.3	-13.31	-18.11	-16.72	-11.58	-19.8	-20.92
4.4	-14.75	-17.49	-14.93	-13.14	-23.41	-19.07
4.5	-16.57	-15.47	-12.71	-15.12	-22.92	-16.38
4.6	-17.74	-13.52	-11.87	-17.36	-19.02	-14.29
4.7	-16.98	-11.91	-10.99	-19.34	-15.91	-12.64
4.8	-15.06	-11.1	-10.72	-19.39	-14.12	-11.82
4.9	-13.38	-10.81	-10.77	-17.64	-12.68	-11.17
5	-12.13	-10.57	-11.29	-16.07	-11.94	-11.13
5.1	-11.31	-10.66	-12.35	-14.49	-11.52	-11.24
5.2	-10.88	-11.08	-13.62	-13.5	-11.5	-11.86
5.3	-10.79	-11.79	-15.65	-12.73	-11.84	-12.74
5.4	-11.25	-13.01	-18.16	-12.32	-12.41	-14.01
5.5	-11.62	-15.2	-23.21	-12.24	-13.38	-15.81
5.6	-12.35	-17.92	-31.43	-12.48	-14.68	-18.03
5.7	-13.56	-21.84	-31.9	-13.23	-16.65	-21.67
5.8	-15.12	-30.82	-23.44	-14.31	-19.28	-26.72
5.9	-17.62	-38.11	-20.3	-15.28	-22.59	-31.33
6	-21.03	-25.71	-18.67	-17.07	-26.26	-27.83
6.1	-27.66	-21.31	-18.01	-19.49	-26.41	-24.36
6.2	-42.73	-19.26	-17.57	-23.33	-23.5	-21.9
6.3	-30.58	-17.91	-18.13	-28.73	-21.18	-20.72
6.4	-24.44	-17.53	-18.89	-32.77	-19.51	-20.57
6.5	-21.41	-17.68	-20.31	-28.34	-18.83	-20.71
6.6	-19.43	-18.38	-22.55	-23.98	-18.61	-21.68
6.7	-18.8	-19.57	-24.6	-21.69	-18.59	-23.18
6.8	-18.41	-21.31	-26.02	-20.34	-19.07	-24.53
6.9	-19	-23.44	-24.61	-19.4	-19.91	-25.85
7	-19.6	-24.76	-22.61	-19.14	-21.15	-25.77
7.1	-20.92	-24.07	-20.9	-19.31	-22.72	-23.54

7.2	-22.32	-19.48	-19.86	-23.63	-21.65
7.3	-24.22	-19.18	-20.68	-23.44	-19.89
7.4	-25.19	-19.12	-21.97	-22.35	-18.94
7.5	-24.64	-19.82	-23.51	-20.76	-18.23
7.6	-22.51	-21.21	-24.63	-19.49	-18.05
7.7	-20.97	-22.82	-24.81	-18.67	-17.84
7.8	-19.78	-26.26	-24.09	-17.9	-18.57
7.9	-19.04	-32.47	-22.87	-17.61	-19.11
8	-18.47	-42.03	-21.52	-17.64	-20.73
8.1	-18.45	-29.84	-20.28	-18.05	-23.49
8.2	-18.84	-24.94	-19.76	-18.67	-26.56
8.3	-20.37	-21.79	-19.3	-19.93	-33.62
8.4	-22.19	-20.65	-19.26	-21.76	-44.1
8.5	-24.16	-19.76	-19.57	-24.32	-31.07
8.6	-27.94	-19.23	-20.16	-28.19	-25.91
8.7	-27.94	-19.23	-21.18	-35.45	-22.92
8.8	-27.94	-19.23	-22.81	-37.61	-21.4
8.9	-27.94	-19.23	-24.9	-30.5	-20.52
9	-27.94	-19.23	-28.22	-26.31	-19.75
9.5	-23.31	-27.75	-22.76	-23.19	-30.54
10	-20.38	-26.65	-22.52	-40.89	-32.53
15	-30.25	-35.54	-36.43	-27.83	-33.81
20	-35.26	-31.95	-34.76	-40.15	-26.75
25	-34.38	-36.85	-48.26	-32	-36.06
30	-33.67	-39.66	-37.32	-49.69	-37.28
35	-34.44	-35.76	-31.97	-35.38	-43.43
40	-41.11	-46.02	-43.64	-41.16	-38.08
45	-41.88	-37.47	-47.28	-42.28	-40.56
50	-36.99	-40.39	-44.22	-54.09	-45.8
55	-44.23	-39.91	-37.2	-40.59	-35.88
60	-55.56	-40.45	-35.17	-39.54	-37.07
65	-53.78	-46.07	-46.22	-37.72	-60.69
70	-45.65	-42.66	-40.96	-41.08	-41.72
75	-44.03	-40.93	-43.06	-40.55	-45.21

80	-38.91	-49.34	-37.34	-36.92	-38.35	-49.32
85	-55.99	-39.2	-39.44	-40.47	-35.64	-64.15
90	-38.56	-40.04	-38.63	-35.79	-49.1	-37.14
95	-44.02	-38.59	-50.2	-36.59	-42.74	-36.94
100	-41.55	-34.34	-38.08	-40.61	-38.32	-40.21
105	-39.59	-37.73	-33.75	-37.4	-37.24	-33.38
110	-50.35	-32.8	-40.2	-36.11	-50.53	-35.71
115	-35.82	-39.45	-38.69	-35.65	-43.87	-34.92
120	-38.12	-31.91	-34.61	-30.89	-34.17	-40.32
125	-34.39	-30.47	-31.73	-29.56	-31.78	-32.54
130	-31.87	-33.64	-30.18	-33.73	-29.08	-33.22
135	-24.62	-24.24	-24.82	-27.73	-27.14	-28.71
140	-26.51	-27.81	-28.01	-28.94	-25.74	-28.67
145	-21.91	-21.67	-22.12	-22.96	-21.25	-21.72
150	-21.31	-20.74	-20.41	-22.49	-22.57	-22.38
155	-23.48	-23.72	-23.53	-26.19	-24.53	-23.34
160	-24.11	-26.5	-28.64	-30.27	-26.14	-26.9
165	-27.51	-27.72	-28.87	-33.33	-28.16	-25.78
170	-28.46	-28.89	-31.94	-32.99	-31.01	-28.83
175	-35.38	-28.72	-30.94	-34.76	-32.62	-39.02
180	-31.15	-34.69	-34.76	-32.11	-33.45	-33.02

Analysis of Non-Ionizing Radiation for a 2.0-Meter Earth Station System

This report analyzes the non-ionizing radiation levels for a 2.0-meter earth station system. The analysis and calculations performed in this report comply with the methods described in the FCC Office of Engineering and Technology Bulletin, No. 65 first published in 1985 and revised in 1997 in Edition 97-01. The radiation safety limits used in the analysis are in conformance with the FCC R&O 96-326. Bulletin No. 65 and the FCC R&O specifies that there are two separate tiers of exposure limits that are dependant on the situation in which the exposure takes place and/or the status of the individuals who are subject to the exposure. The Maximum Permissible Exposure (MPE) limits for persons in a General Population/Uncontrolled environment are shown in Table 1. The General Population/Uncontrolled MPE is a function of transmit frequency and is for an exposure period of thirty minutes or less. The MPE limits for persons in an Occupational/Controlled environment are shown in Table 2. The Occupational MPE is a function of transmit frequency and is for an exposure period of six minutes or less. The purpose of the analysis described in this report is to determine the power flux density levels of the earth station in the far-field, near-field, transition region, between the subreflector or feed and main reflector surface, at the main reflector surface, and between the antenna edge and the ground and to compare these levels to the specified MPEs.

Table 1. Limits for General Population/Uncontrolled Exposure (MPE)

Frequency Range (MHz)	Power Density (mW/cm ²)
30-300	0.2
300-1500	Frequency (MHz)*(0.8/1200)
1500-100,000	1.0

Table 2. Limits for Occupational/Controlled Exposure (MPE)

Frequency Range (MHz)	Power Density (mW/cm ²)
30-300	1.0
300-1500	Frequency (MHz)*(4.0/1200)
1500-100,000	5.0

Table 3. Formulas and Parameters Used for Determining Power Flux Densities

Parameter	Symbol	Formula	Value	Units
Antenna Diameter	D	Input	2.0	m
Antenna Surface Area	A _{surface}	$\pi D^2 / 4$	3.14	m ²
Subreflector Diameter	D _{sr}	Input	19.0	cm
Area of Subreflector	A _{sr}	$\pi D_{sr}^2 / 4$	283.53	cm ²
Frequency	F	Input	6175	MHz
Wavelength	λ	300 / F	0.048583	m
Transmit Power	P	Input	60.00	W
Antenna Gain (dBi)	G _{es}	Input	40.3	dBi
Antenna Gain (factor)	G	10 ^{G_{es}/10}	10715.2	n/a
Pi	π	Constant	3.1415927	n/a
Antenna Efficiency	η	$G\lambda^2 / (\pi^2 D^2)$	0.64	n/a

1. Far Field Distance Calculation

The distance to the beginning of the far field can be determined from the following equation:

$$\begin{aligned} \text{Distance to the Far Field Region} \quad R_{ff} &= 0.60 D^2 / \lambda \\ &= 49.4 \text{ m} \end{aligned} \quad (1)$$

The maximum main beam power density in the far field can be determined from the following equation:

$$\begin{aligned} \text{On-Axis Power Density in the Far Field} \quad S_{ff} &= G P / (4 \pi R_{ff}^2) \\ &= 20.965 \text{ W/m}^2 \\ &= 2.096 \text{ mW/cm}^2 \end{aligned} \quad (2)$$

2. Near Field Calculation

Power flux density is considered to be at a maximum value throughout the entire length of the defined Near Field region. The region is contained within a cylindrical volume having the same diameter as the antenna. Past the boundary of the Near Field region, the power density from the antenna decreases linearly with respect to increasing distance.

The distance to the end of the Near Field can be determined from the following equation:

$$\begin{aligned} \text{Extent of the Near Field} \quad R_{nf} &= D^2 / (4 \lambda) \\ &= 20.6 \text{ m} \end{aligned} \quad (3)$$

The maximum power density in the Near Field can be determined from the following equation:

$$\begin{aligned} \text{Near Field Power Density} \quad S_{nf} &= 16.0 \eta P / (\pi D^2) \\ &= 48.941 \text{ W/m}^2 \\ &= 4.894 \text{ mW/cm}^2 \end{aligned} \quad (4)$$

3. Transition Region Calculation

The Transition region is located between the Near and Far Field regions. The power density begins to decrease linearly with increasing distance in the Transition region. While the power density decreases inversely with distance in the Transition region, the power density decreases inversely with the square of the distance in the Far Field region. The maximum power density in the Transition region will not exceed that calculated for the Near Field region. The power density calculated in Section 1 is the highest power density the antenna can produce in any of the regions away from the antenna. The power density at a distance R_t can be determined from the following equation:

$$\begin{aligned} \text{Transition Region Power Density} \quad S_t &= S_{nf} R_{nf} / R_t \\ &= 4.894 \text{ mW/cm}^2 \end{aligned} \quad (5)$$

4. Region between the Main Reflector and the Subreflector

Transmissions from the feed assembly are directed toward the subreflector surface, and are reflected back toward the main reflector. The most common feed assemblies are waveguide flanges, horns or subreflectors. The energy between the subreflector and the reflector surfaces can be calculated by determining the power density at the subreflector surface. This can be determined from the following equation:

$$\begin{aligned} \text{Power Density at the Subreflector} \quad S_{sr} &= 4000 P / A_{sr} & (6) \\ &= 846.475 \text{ mW/cm}^2 \end{aligned}$$

5. Main Reflector Region

The power density in the main reflector is determined in the same manner as the power density at the subreflector. The area is now the area of the main reflector aperture and can be determined from the following equation:

$$\begin{aligned} \text{Power Density at the Main Reflector Surface} \quad S_{\text{surface}} &= 4 P / A_{\text{surface}} & (7) \\ &= 76.394 \text{ W/m}^2 \\ &= 7.639 \text{ mW/cm}^2 \end{aligned}$$

6. Region between the Main Reflector and the Ground

Assuming uniform illumination of the reflector surface, the power density between the antenna and the ground can be determined from the following equation:

$$\begin{aligned} \text{Power Density between Reflector and Ground} \quad S_g &= P / A_{\text{surface}} & (8) \\ &= 19.099 \text{ W/m}^2 \\ &= 1.910 \text{ mW/cm}^2 \end{aligned}$$

7. Summary of Calculations

Table 4. Summary of Expected Radiation levels for Uncontrolled Environment

Region	Calculated Maximum Radiation Power Density Level (mW/cm ²)		Hazard Assessment
	Symbol	Value	
1. Far Field ($R_{ff} = 49.4$ m)	S_{ff}	2.096	Potential Hazard
2. Near Field ($R_{nf} = 20.6$ m)	S_{nf}	4.894	Potential Hazard
3. Transition Region ($R_{nf} < R_t < R_{ff}$)	S_t	4.894	Potential Hazard
4. Between Main Reflector and Subreflector	S_{sr}	846.475	Potential Hazard
5. Main Reflector	$S_{surface}$	7.639	Potential Hazard
6. Between Main Reflector and Ground	S_g	1.910	Potential Hazard

Table 5. Summary of Expected Radiation levels for Controlled Environment

Region	Calculated Maximum Radiation Power Density Level (mW/cm ²)		Hazard Assessment
	Symbol	Value	
1. Far Field ($R_{ff} = 49.4$ m)	S_{ff}	2.096	Satisfies FCC MPE
2. Near Field ($R_{nf} = 20.6$ m)	S_{nf}	4.894	Satisfies FCC MPE
3. Transition Region ($R_{nf} < R_t < R_{ff}$)	S_t	4.894	Satisfies FCC MPE
4. Between Main Reflector and Subreflector	S_{sr}	846.475	Potential Hazard
5. Main Reflector	$S_{surface}$	7.639	Potential Hazard
6. Between Main Reflector and Ground	S_g	1.910	Satisfies FCC MPE

It is the applicant's responsibility to ensure that the public and operational personnel are not exposed to harmful levels of radiation.

8. Conclusions

Based on the above analysis it is concluded that the FCC MPE guidelines have been exceeded (or met) in the regions of Table 4 and 5. The applicant proposes to comply with the MPE limits by one or more of the following methods.

Radiation hazard signs will be posted while this earth station is in operation.

The antenna will be located on top of a truck. The bottom lip of the dish will be 3.50 meters above ground level. The general public will not have access to areas within $\frac{1}{2}$ diameter from the edge of the antenna.

Since one diameter removed from the main beam of the antenna or $\frac{1}{2}$ diameter removed from the edge of the antenna the RF levels are reduced by a factor of 100 or 20 dB. None of the areas exceeding the MPE levels will be accessible by the general public.

Radiation hazard signs will be posted while this earth station is in operation.

The applicant will ensure that no buildings or other obstacles will be in the areas that exceed the MPE levels.

Means of Compliance Controlled Areas

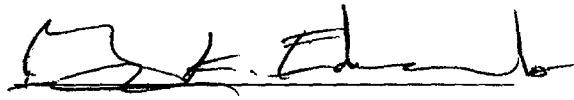
The earth station's operational staff will not have access to the areas that exceed the MPE levels while the earth station is in operation.

The transmitters will be turned off during antenna maintenance

The applicant agrees to abide by the conditions specified in Condition 5208 provided below:

Condition 5208 - The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for worker.

I HEREBY CERTIFY THAT I AM THE TECHNICALLY QUALIFIED PERSON RESPONSIBLE FOR THE PREPARATION OF THE RADIATION HAZARD REPORT, AND THAT IT IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: 

Gary K. Edwards
Senior Manager
COMSEARCH
19700 Janelia Farm Boulevard
Ashburn, VA 20147

DATED: September 27, 2013

The applicant understands that frequency coordination is required before any transmission with the proposed antenna. No broadcast will take place until frequency coordination at the particular location for the selected date has been undertaken and confirmed.



Online Payment

Step 3: Confirm Payment

**Thank you.
Your transaction has been successfully completed.**

Pay.gov Tracking Information

Application Name: Remittance Advice
Pay.gov Tracking ID: 25CHIN1N
Agency Tracking ID: PGC2396485
Transaction Date and Time: 09/27/2013 11:17 EDT

Payment Summary

Address Information

Account Holder Name: HOLLAND & KNIGHT LLP
Billing Address: 800 17TH STREET, STE. 1100
Billing Address: N. Leventhal - 2: Telecom
City: WASHINGTON
State / Province: DC
Zip / Postal Code: 20006-3906
Country: USA

Account Information

Card Type: American Express
Card Number: *****1009

Payment Information

Payment Amount: \$2,615.00
Transaction Date and Time: 09/27/2013 11:17 EDT



Payment Confirmation

Your transaction has been approved. For your records, please note the following:

AGENCY TRACKING ID:	PGC2396485
AUTHORIZATION NUMBER :	229064
AMOUNT PAID :	\$2,615.00

PRINT FORM 159

CLOSE

Customer Service

[FCC Fees](#)

[Web Policies / Privacy Policy](#)

[FCC Home Page](#)

If you have any questions or concerns please contact your licensing system help desk.

Agency Tracking ID:PGC2396485 Authorization Number:229064 Successful Authorization -- Date Paid: 9/27/13 FILE COPY ONLY!!

READ INSTRUCTIONS CAREFULLY BEFORE PROCEEDING (1) LOCKBOX #979093	FEDERAL COMMUNICATIONS COMMISSION REMITTANCE ADVICE FORM 159 PAGE NO 1 OF 1	APPROVED BY OMB 3060-059 SPECIAL USE FCC USE ONLY
SECTION A - Payer Information		
(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card) HOLLAND & KNIGHT LLP		(3) TOTAL AMOUNT PAID (dollars and cents) \$2615.00
(4) STREET ADDRESS LINE NO. 1 800 17TH STREET, STE. 1100		
(5) STREET ADDRESS LINE NO. 2 TELECOM-C. NAFTALIN		
(6) CITY WASHINGTON		(7) STATE DC
(8) ZIP CODE 20006-3906		
(9) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) 202-9553000 x7040		(10) COUNTRY CODE (IF NOT IN U.S.A.) US
FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED		
(11) PAYER (FRN) 0004148995		(12) FCC USE ONLY
IF PAYER NAME AND THE APPLICANT NAME ARE DIFFERENT, COMPLETE SECTION B IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C)		
(13) APPLICANT NAME TELEVISA, SA de CV		
(14) STREET ADDRESS LINE NO. 1 800 17TH STREET NW, STE 1100		
(15) STREET ADDRESS LINE NO. 2		
(16) CITY WASHINGTON		(17) STATE
(18) ZIP CODE		
(19) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) 2028281860		(20) COUNTRY CODE (IF NOT IN U.S.A.) US
FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED		
(21) APPLICANT (FRN) 0016686628		(22) FCC USE ONLY
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET		
(23A) FCC Call Sign/Other ID		(24A) Payment Type Code(PTC) BAX
(25A) Quantity 1		
(26A) Fee Due for (PTC) \$2,615.00		(27A) Total Fee \$2615.00
(28A) FCC CODE 1		
(29A) FCC CODE 2 IB2013002100		
(23B) FCC Call Sign/Other ID		(24B) Payment Type Code(PTC)
(25B) Quantity		
(26B) Fee Due for (PTC)		(27B) Total Fee
(28B) FCC CODE 1		
(29B) FCC CODE 2		

Richard, Darryl (WAS - X75932)

From: paygovadmin@mail.doc.twai.gov
Sent: Friday, September 27, 2013 11:18 AM
To: Richard, Darryl (WAS - X75932)
Subject: Pay.gov Payment Confirmation: Remittance Advice

Your payment has been submitted to Pay.gov and the details are below. If you have any questions or you wish to cancel this payment, please contact FCC Financial Operations Group Help Desk at ARINQUIRIES@fcc.gov at 877-480-3201 option 4.

Application Name: Remittance Advice
Pay.gov Tracking ID: 25CHIN1N
Agency Tracking ID: PGC2396485
Transaction Type: Sale
Transaction Date: Sep 27, 2013 11:17:59 AM

Account Holder Name: HOLLAND & KNIGHT LLP Transaction Amount: \$2,615.00 Billing Address: 800
17TH STREET, STE. 1100 Billing Address 2: N. Leventhal - Telecom
City: WASHINGTON
State/Province: DC
Zip/Postal Code: 200063906
Country: USA
Card Type: AmericanExpress
Card Number: *****1009

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

Fee Filer Main Menu

Regulatory Fees

Enter, modify, file, and pay annual regulatory fees.

Upload Manager

Upload regulatory fee data from your computer to Fee Filer.

Download Manager

Download regulatory fee data from Fee Filer to your computer.

Pay Bills

You have no outstanding bills.

Pay outstanding bills to the FCC.

Pay ULS Fees

You have no pending ULS applications.

Pay for electronically filed ULS applications.

Application Fees

Enter, modify, file, and pay fees associated with a submitted application or filing.

Customer Service

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Financial Operations Help Desk: (877) 480-3201, option 4 (Mon.-Fri. 8 a.m.-6:00 p.m. ET)

Fee Filer has a dedicated staff of customer service representatives standing by to answer your questions or concerns. You can email us at arinquiries@fcc.gov.