



19700 Janelia Farm Boulevard, Ashburn, VA 20147
Phone 703-726-5500 • Fax 703-726-5600
www.comsearch.com

March 10, 2021

Alejandro Ledezma
Lead Project Engineer
Univision Communications, Inc.

REF: Prior Coordination Notice
MIAMI, FL
Temporary Transmit-Only Earth Station
Operation Dates: 06/01/2021 - 12/01/2021
Job Number: 210309COMSTC02

Hi Alejandro,

Enclosed please find the Prior Coordination Notice for the temporary transmit-receive earth station site referenced above.

If you have any questions, please call me at (703) 726-2665.

Sincerely,

Timothy O. Crutcher
Principal Frequency Coordinator
Microwave and Satellite Services

Enclosure

copy sent to: Emil Cherian, EIC
FCC - Columbia, MD



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May 10, 2021

*** CLIENT COPY ***
*** PLEASE MAIL ***
*** TO CUSTOMER ***

RE: UNIVISION COMMUNICATIONS, INC.
MIAMI, FL
Temporary Transmit-Only Earth Station
Operation Dates: 06/01/2021 - 12/01/2021
Job Number: 210309COMSTC02

Replaces Job Number: 210309COMSTC01

Dear Frequency Coordinator:

On behalf of Univision Communications, Inc., we are forwarding the attached coordination data for a Temporary Transmit-Receive Earth Station to be located at the site referenced above.

This earth station will operate on the satellite(s) and frequency or frequencies as described in the attached data.

If there are any questions concerning this coordination notice, please contact Comsearch.

Sincerely,

COMSEARCH

A handwritten signature in cursive script that reads "Timothy O. Crutcher".

Timothy O. Crutcher
Principal Frequency Coordinator

Enclosure(s)

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)-726-5500 Fax: (703)-726-5600 <http://www.comsearch.com>

Date: 03/09/2021
Job Number: 210309COMSTC02

Administrative Information

Status: TEMPORARY (Operation from 06/01/2021 to 12/01/2021)
Licensee Name: UNIVISION COMMUNICATIONS, INC.

Site Information

MIAMI, FL
Latitude (NAD 83): 25° 48' 43.4" N
Longitude (NAD 83): 80° 21' 3.2" W
Climate Zone: B
Rain Zone: 1
Ground Elevation (AMSL): 1.23 m / 4.0 ft

Link Information

Satellite Type: Geostationary
Mode: TR - Transmit-Receive
Modulation: Digital
Satellite Arc: 103° W to 103° West Longitude
Azimuth Range: 223.8° to 223.8°
Corresponding Elevation Angles: 50.7° / 50.7°
Antenna Centerline (AGL): 3.66 m / 12.0 ft

Antenna Information

Manufacturer
Gain / Diameter
3-dB / 15-dB Beamwidth

Receive

ASCI Signal
43.7 dBi / 4.5 m
1.20° / 2.40°

Transmit

ASCI Signal
46.5 dBi / 4.5 m
0.96° / 1.90°

Max Available RF Power (dBW/4 kHz)
(dBW/MHz)

-14.1
9.9

Maximum EIRP (dBW/4 kHz)
(dBW/MHz)
(dBW)

32.4
56.4
71.94

Interference Objectives: Long Term -156.0 dBW/MHz 20%
Short Term -146.0 dBW/MHz 0.01%

-154.0 dBW/4 kHz 20%
-131.0 dBW/4 kHz 0.0025%

Frequency Information

Emission / Frequency Range (MHz)

Receive 4.0 GHz

36M0G7W / 4020.0

Transmit 6.1 GHz

36M0G7W / 6245.0

Max Great Circle Coordination Distance: 412.2 km / 256.1 mi
Precipitation Scatter Contour Radius: 100.0 km / 62.1 mi

145.7 km / 90.5 mi
100.0 km / 62.1 mi

Coordination Values**MIAMI, FL**

Licensee Name UNIVISION COMMUNICATIONS, INC.

Latitude (NAD 83) 25° 48' 43.4" N

Longitude (NAD 83) 80° 21' 3.2" W

Ground Elevation (AMSL) 1.23 m / 4.0 ft

Antenna Centerline (AGL) 3.66 m / 12.0 ft

Antenna Mode Receive 4.0 GHz

Transmit 6.1 GHz

Interference Objectives: Long Term -156.0 dBW/MHz 20%

-154.0 dBW/4 kHz 20%

Short Term -146.0 dBW/MHz 0.01%

-131.0 dBW/4 kHz 0.0025%

Max Available RF Power

-14.1 (dBW/4 kHz)

Azimuth (°) (km)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance
0	0.00	117.22	-10.00	412.20	-10.00	145.67
5	0.00	119.60	-10.00	412.20	-10.00	145.67
10	0.00	121.78	-10.00	412.20	-10.00	145.67
15	0.00	123.73	-10.00	412.20	-10.00	145.67
20	0.00	125.44	-10.00	412.20	-10.00	145.67
25	0.00	126.86	-10.00	412.20	-10.00	145.67
30	0.00	127.98	-10.00	412.20	-10.00	145.67
35	0.00	128.77	-10.00	412.20	-10.00	145.67
40	0.00	129.21	-10.00	412.20	-10.00	145.67
45	0.00	129.31	-10.00	412.20	-10.00	145.67
50	0.00	129.04	-10.00	412.20	-10.00	145.67
55	0.00	128.42	-10.00	412.20	-10.00	145.67
60	0.00	127.47	-10.00	412.20	-10.00	145.67
65	0.00	126.20	-10.00	412.20	-10.00	145.67
70	0.00	124.64	-10.00	412.20	-10.00	145.67
75	0.00	122.81	-10.00	412.20	-10.00	145.67
80	0.00	120.74	-10.00	412.20	-10.00	145.67
85	0.00	118.46	-10.00	412.20	-10.00	145.67
90	0.00	116.00	-10.00	412.20	-10.00	145.67
95	0.00	113.38	-10.00	412.20	-10.00	145.67
100	0.00	110.63	-10.00	412.20	-10.00	145.67
105	0.00	107.76	-10.00	412.20	-10.00	145.67
110	0.00	104.80	-10.00	412.20	-10.00	145.67
115	0.00	101.77	-10.00	412.20	-10.00	145.67
120	0.00	98.68	-10.00	412.20	-10.00	145.67
125	0.00	95.55	-10.00	412.20	-10.00	145.67
130	0.00	92.39	-10.00	412.20	-10.00	145.67
135	0.00	89.23	-10.00	412.20	-10.00	145.67
140	0.00	86.06	-10.00	412.20	-10.00	145.67
145	0.00	82.92	-10.00	412.20	-10.00	145.67
150	0.00	79.80	-10.00	412.20	-10.00	145.67
155	0.00	76.74	-10.00	412.20	-10.00	145.67
160	0.00	73.74	-10.00	412.20	-10.00	145.67
165	0.00	70.83	-10.00	412.20	-10.00	145.67
170	0.00	68.01	-10.00	412.20	-10.00	145.67
175	0.00	65.32	-10.00	412.20	-10.00	145.67
180	0.00	62.78	-10.00	412.20	-10.00	145.67
185	0.00	60.40	-10.00	412.20	-10.00	145.67

Coordination Values**MIAMI, FL**

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-14.1 (dBW/4 kHz)

Azimuth (°) (km)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance
190	0.00	58.22	-10.00	412.20	-10.00	145.67
195	0.00	56.27	-10.00	412.20	-10.00	145.67
200	0.00	54.56	-10.00	412.20	-10.00	145.67
205	0.00	53.14	-10.00	412.20	-10.00	145.67
210	0.00	52.02	-10.00	412.20	-10.00	145.67
215	0.00	51.23	-10.00	412.20	-10.00	145.67
220	0.00	50.79	-10.00	412.20	-10.00	145.67
225	0.00	50.69	-10.00	412.20	-10.00	145.67
230	0.00	50.96	-10.00	412.20	-10.00	145.67
235	0.00	51.58	-10.00	412.20	-10.00	145.67
240	0.00	52.53	-10.00	412.20	-10.00	145.67
245	0.00	53.80	-10.00	412.20	-10.00	145.67
250	0.00	55.36	-10.00	412.20	-10.00	145.67
255	0.00	57.19	-10.00	412.20	-10.00	145.67
260	0.00	59.26	-10.00	412.20	-10.00	145.67
265	0.00	61.54	-10.00	412.20	-10.00	145.67
270	0.00	64.00	-10.00	412.20	-10.00	145.67
275	0.00	66.62	-10.00	412.20	-10.00	145.67
280	0.00	69.37	-10.00	412.20	-10.00	145.67
285	0.00	72.24	-10.00	412.20	-10.00	145.67
290	0.00	75.20	-10.00	412.20	-10.00	145.67
295	0.00	78.23	-10.00	412.20	-10.00	145.67
300	0.00	81.32	-10.00	412.20	-10.00	145.67
305	0.00	84.45	-10.00	412.20	-10.00	145.67
310	0.00	87.61	-10.00	412.20	-10.00	145.67
315	0.00	90.77	-10.00	412.20	-10.00	145.67
320	0.00	93.94	-10.00	412.20	-10.00	145.67
325	0.00	97.08	-10.00	412.20	-10.00	145.67
330	0.00	100.20	-10.00	412.20	-10.00	145.67
335	0.00	103.26	-10.00	412.20	-10.00	145.67
340	0.00	106.26	-10.00	412.20	-10.00	145.67
345	0.00	109.17	-10.00	412.20	-10.00	145.67
350	0.00	111.99	-10.00	412.20	-10.00	145.67
355	0.00	114.68	-10.00	412.20	-10.00	145.67