

Exhibit B

Prepared By

COMSEARCH

21515 Ridgetop Circle, Suite 300
Sterling, Va. 20166
(703)726-5500 <http://www.comsearch.com>

Prepared For

Intelsat License LLC Nuevo, California

Temporary Transmit-Only Earth Station
Operation Dates: 12/02/2022 - 01/30/2023

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations. Verbal and written coordination was conducted with the below listed carriers on November 22, 2022.

SUPPLEMENTAL SHOWING

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations.

Coordination data for this earth station was sent to the below listed carriers with a letter dated 11/22/2022.

Company

AC BidCO LLC
AT&T Mobility Spectrum LLC - AZ
AT&T Mobility Spectrum LLC - Southern CA
AVX Networks
Alltel Comm Southwest Holdings Inc.
Anaheim City, of
Arizona Public Service Company (APS)
Arizona, State Of
BNSF Railway Company
Broadcom Corporation
California Internet Solutions, Inc.
California Internet, L.P
California, State of
Calvary Chapel of Costa Mesa
Catalina Broadband Solutions, LLC
Cellco Partnership - N CA/NV
Cellco Partnership - Southern California
Cellco Partnership-AZ/CO/NM/NV/UT
City of Casa Grande
City of Los Angeles Dept Water & Power
City of Montebello
City of West Covina
City of Yuma
Coachella Valley Water District
Coast Community College District
Commnet Four Corners, LLC

DM Ventures, Inc. dba Warp2Biz
 DRS Global Enterprise Solutions, Inc.
 DW Tower, LLC
 Federal Communication Commission
 Fox Television Stations, LLC
 Fresno MSA Limited Partnership
 Frontier California Inc.
 Gila River Cellular General Partnership
 Glendale City California
 GovNET Licenses LLC
 HPWREN University of California, San Die
 Imperial Irrigation District
 KABC Television, LLC
 KMEX License Partnership GP
 Kern County Superintendent of Schools
 Kern Ed Telecom Consortium
 Kern, County of
 LDM Engineering
 Lightwave Broadband LLC
 Los Angeles City Info Technology Agency
 Los Angeles County Dept of Public Works
 Los Angeles County FCC Licensing Section
 Los Angeles County Metro Transit Auth
 Los Angeles Regional Interoperable Comm
 Los Angeles SMSA Ltd. Partnership
 Los Angeles Unified School District
 MHO Networks
 Maricopa County Ofc of Enterprise Tech
 Metropolitan Water Dist of So California
 Mobile Relay Associates Inc.
 New Cingular Wireless PCS LLC - AZ
 New Cingular Wireless PCS - Los Angeles
 New Cingular Wireless PCS LLC -San Diego
 New Cingular Wireless PCS, LLC - S/E CAL
 Norris, Samuel O
 Northrop Grumman Systems Corp.
 Olympic Wireless, LLC
 One Ring Networks, Inc.
 Orange, County of, CA
 Pacific Bell Tel Com dba AT&T California
 Pacific Gas and Electric Company
 Pacific Lightwave Inc
 Phoenix, City of
 Pinal, County of
 Port of Los Angeles
 Public Media Group of Southern Californi
 Qwest Corporation
 RNN National, LLC
 Regional 3Cs
 Riverside, County of
 San Bernardino County of California
 San Diego Broadband
 San Diego Gas & Electric Company
 San Diego, City of
 San Diego, County of
 Santa Monica Community College District

Sky Valley Network LLC
Skyriver Communications
Southern California Edison Company
Southern California Gas Company
Southern California Regional Rail Auth.
Spectrum Link, Inc.
Spectrum Pacific West, LLC
Sprint Spectrum LLC
Station Venture Operations, LP
T-Mobile License LLC
TV Microwaves Company
Table Top Telephone Company
Telink Networks SW, LLC
Tribune Media Company
Tucson Electric Power Company
Ultimate Internet Access, Inc
Union Pacific Railroad Company
Venture Technologies Group, LLC
Western Broadband Inc.
Wiline Spectrum Holdings LLC
Wisprenn

EARTH STATION COORDINATION DATA

This section presents the data pertinent to frequency coordination of the proposed earth station that was circulated to all carriers within its coordination contours.

COMSEARCH

Earth Station Data Sheet

21515 Ridgetop Circle, Suite 300
Sterling, Va. 20166

Date: 11/22/2022
Job Number: 221122COMSGE01

Administrative Information

Status: TEMPORARY (Operation from 12/02/2022 to 01/30/2023)
Call Sign: TEMP01
Licensee Code: INTELS
Licensee Name: Intelsat License LLC

Site Information

NUEVO, CA
Venue Name
Latitude (NAD 83): 33° 47' 43.4" N
Longitude (NAD 83): 117° 5' 21.1" W
Climate Zone: A
Rain Zone: 4
Ground Elevation (AMSL): 570.75 m / 1872.5 ft
Country: ESID:9414

Link Information

Satellite Type: Geostationary
Mode: TO - Transmit-Only
Modulation: Analog and Digital
Satellite Arc: 44° W to 190° West Longitude
Azimuth Range: 99.6° to 260.3°
Corresponding Elevation Angles: 5.3° / 5.5°
Antenna Centerline (AGL): 7.32 m / 24.0 ft

Antenna Information

Transmit - FCC32
Manufacturer: Vertex
Model: 11 KPC
Gain / Diameter: 55.5 dBi / 11.0 m
3-dB / 15-dB Beamwidth: 0.29° / 0.54°

Max Available RF Power (dBW/4 kHz): 8.5
(dBW/MHz): 32.5

Maximum EIRP (dBW/4 kHz): 64.0
(dBW/MHz): 88.0

Interference Objectives: Long Term: -154.0 dBW/4 kHz 20%
Short Term: -131.0 dBW/4 kHz 0.0025%

Frequency Information

Transmit 6.1 GHz
Emission / Frequency Range (MHz): 200KG7D - 1M50G7D / 5925.0 - 6425.0
200KF7D - 1M50F7D / 5925.0 - 6425.0

Max Great Circle Coordination Distance: 534.5 km / 332.1 mi
Precipitation Scatter Contour Radius: 319.7 km / 198.6 mi

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Earth Station Data Sheet

21515 Ridgetop Circle, Suite 300
Sterling, Va. 20166

Coordination Values	NUEVO, CA
Licensee Name	Intelsat License LLC
Latitude (NAD 83)	33° 47' 43.4" N
Longitude (NAD 83)	117° 5' 21.1" W
Ground Elevation (AMSL)	570.75 m / 1872.5 ft
Antenna Centerline (AGL)	7.32 m / 24.0 ft
Antenna Model	Vertex 11 meter
Antenna Mode	Transmit 6.1 GHz
Interference Objectives: Long Term	-154.0 dBW/4 kHz 20%
Short Term	-131.0 dBW/4 kHz 0.0025%
Max Available RF Power	8.5 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	0.90	99.57	-10.00	161.08
5	2.00	94.59	-10.00	130.01
10	1.81	89.60	-10.00	133.28
15	2.20	84.61	-10.00	126.19
20	2.49	79.61	-10.00	120.49
25	2.58	74.62	-10.00	118.83
30	3.44	69.61	-10.00	102.90
35	3.25	64.62	-10.00	106.31
40	3.24	59.62	-10.00	106.47
45	3.17	54.63	-10.00	107.67
50	2.82	49.65	-10.00	114.26
55	2.51	44.67	-9.25	122.89
60	2.61	39.68	-7.96	126.03
65	3.39	34.65	-6.49	117.23
70	3.07	29.68	-4.81	129.15
75	3.09	24.70	-2.82	135.00
80	3.67	19.67	-0.34	134.19
85	3.33	14.73	2.79	154.93
90	3.21	9.83	7.19	181.83
95	2.77	5.26	13.97	225.06
100	2.77	2.59	21.68	494.18
105	3.49	5.47	13.55	206.89
110	3.75	9.35	7.73	172.64
115	3.64	13.39	3.83	153.34
120	3.76	17.24	1.09	138.56
125	3.65	21.14	-1.13	132.76
130	4.30	24.45	-2.71	116.61
135	3.79	28.36	-4.32	118.21
140	4.24	31.47	-5.45	107.07
145	3.93	34.89	-6.57	107.54
150	4.03	37.75	-7.42	102.54
155	3.82	40.53	-8.19	103.06
160	4.45	42.23	-8.64	100.00
165	4.63	43.81	-9.04	100.00
170	5.01	44.71	-9.26	100.00
175	5.70	44.77	-9.27	100.00
180	6.40	44.31	-9.16	100.00
185	6.64	43.84	-9.05	100.00

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Earth Station Data Sheet

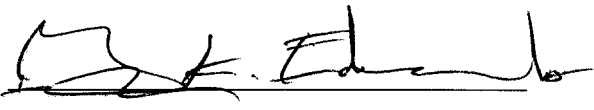
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Short Term	-131.0 dBW/4 kHz 0.0025%
Max Available RF Power	8.5 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	6.58	43.19	-8.89	100.00
195	5.82	42.72	-8.77	100.00
200	6.05	40.83	-8.28	100.00
205	5.55	39.12	-7.81	100.00
210	6.31	35.99	-6.90	100.00
215	6.64	32.89	-5.93	100.00
220	7.43	29.21	-4.64	100.00
225	6.64	26.43	-3.55	100.00
230	5.63	23.58	-2.31	102.57
235	5.81	19.77	-0.40	108.33
240	5.64	16.08	1.84	118.96
245	5.57	12.22	4.82	131.47
250	5.33	8.40	8.89	150.66
255	4.94	4.63	15.37	193.18
260	4.42	1.10	30.96	534.52
265	4.12	4.90	14.75	202.83
270	4.42	9.76	7.26	155.61
275	4.01	14.78	2.76	141.17
280	4.42	19.73	-0.38	123.97
285	3.67	24.77	-2.85	125.92
290	2.84	29.81	-4.86	133.28
295	1.28	34.93	-6.58	162.69
300	0.61	39.95	-8.04	187.67
305	0.00	44.97	-9.32	215.01
310	0.00	49.93	-10.00	212.25
315	0.00	54.89	-10.00	212.25
320	0.00	59.86	-10.00	212.25
325	0.00	64.83	-10.00	212.25
330	0.00	69.80	-10.00	212.25
335	0.00	74.78	-10.00	212.25
340	0.00	79.75	-10.00	212.25
345	0.00	84.73	-10.00	212.25
350	0.00	89.71	-10.00	212.25
355	0.00	94.68	-10.00	212.25

CERTIFICATION

I HEREBY CERTIFY THAT I AM THE TECHNICALLY QUALIFIED PERSON RESPONSIBLE FOR THE PREPARATION OF THE FREQUENCY COORDINATION DATA CONTAINED IN THIS APPLICATION, THAT I AM FAMILIAR WITH PARTS 101 AND 25 OF THE FCC RULES AND REGULATIONS, THAT I HAVE EITHER PREPARED OR REVIEWED THE FREQUENCY COORDINATION DATA SUBMITTED WITH THIS APPLICATION, AND THAT IT IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: 

Gary K. Edwards
Senior Manager
COMSEARCH
21515 Ridgetop Circle, Suite 300
Sterling, VA 20166

DATED: November 30, 2022