



March 27, 2026

Re: Parsons Corporation
ALBUQUERQUE, NM
S-Band Transmit Only Earth Station
Previous Job Number: 250919COMSGE03
Job Number: 260327COMSGE14

***** Extension Notice *****

Dear Frequency Coordinator:

The facility referenced above has not been submitted to the FCC for licensing. Pursuant to FCC rules and regulations Part 21.100 (D), on behalf of our client, request that you maintain the proposed earth station facility referenced above in your database for an additional six months.

If you have any questions or require additional information, please contact the undersigned. Thank you, for your assistance in the successful coordination of this facility.

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

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Sincerely,

COMSEARCH

Gary K. Edwards
Senior Manager
gedwards@comsearch.com

Enclosure(s)

Date: 03/27/2026
Job Number: 260327COMSGE14

Administrative Information

Status ENGINEER PROPOSAL
Call Sign
Licensee Code PARSON
Licensee Name Parsons Corporation

Site Information**ALBUQUERQUE, NM**

Venue Name
Latitude (NAD 83) 35° 8' 19.0" N
Longitude (NAD 83) 106° 35' 40.0" W
Climate Zone A
Rain Zone 5
Ground Elevation (AMSL) 1570.53 m / 5152.7 ft

Link Information

Satellite Type Low Earth Orbit
Mode TO - Transmit-Only
Modulation Digital
Minimum Elevation Angle 5.0°
Azimuth Range 0.0° to 360°
Antenna Centerline (AGL) 3.66 m / 12.0 ft

Antenna Information**Transmit - FCC32**

Manufacturer Raven Defense
Gain / Diameter 36.3 dBi / 6.0 m
Gain / Diameter 36.3 dBi / 6.0 m
3-dB / 15-dB Beamwidth 0.20° / 0.40°

Max Available RF Power (dBW/4 kHz) 7.2
(dBW/MHz) 31.2

Maximum EIRP (dBW/4 kHz) 43.5
(dBW/MHz) 67.5

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

Frequency Information**Transmit 2.0 GHz**

Emission / Frequency Range (MHz) 72K0G1D / 2109.678 - 2109.822

Max Great Circle Coordination Distance 215.0 km / 133.6 mi
Precipitation Scatter Contour Radius 112.9 km / 70.2 mi

Coordination Values	ALBUQUERQUE, NM	
Licensee Name	Parsons Corporation	
Latitude (NAD 83)	35° 8' 19.0" N	
Longitude (NAD 83)	106° 35' 40.0" W	
Ground Elevation (AMSL)	1570.53 m / 5152.7 ft	
Antenna Centerline (AGL)	3.66 m / 12.0 ft	
Antenna Model	Raven Defense 6 meter	
Antenna Mode	Transmit 2.0 GHz	
Interference Objectives: Long Term	-154.0 dBW/4 kHz	20%
Short Term	-131.0 dBW/4 kHz	0.0025%
Max Available RF Power	7.2 (dBW/4 kHz)	

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 2.0 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	80.96	-2.27	215.00
5	0.00	76.32	-2.27	215.00
10	0.00	71.71	-2.27	215.00
15	0.20	67.14	-2.27	215.00
20	0.38	62.62	-2.27	215.00
25	0.47	58.13	-2.27	215.00
30	0.62	53.72	-2.27	215.00
35	0.78	49.40	-2.27	215.00
40	0.93	45.19	-2.27	215.00
45	1.05	41.10	-2.27	215.00
50	1.15	37.20	-2.27	215.00
55	1.24	33.55	-2.27	215.00
60	1.37	30.26	-2.27	215.00
65	1.44	27.40	-2.27	215.00
70	1.50	25.16	-2.27	215.00
75	1.52	23.67	-2.27	215.00
80	1.55	23.14	-2.27	215.00
85	1.50	23.55	-2.27	215.00
90	1.50	24.96	-2.27	215.00
95	1.42	27.10	-2.27	215.00
100	1.29	29.86	-2.27	215.00
105	1.17	33.12	-2.27	215.00
110	1.09	36.75	-2.27	215.00
115	1.05	40.67	-2.27	215.00
120	1.00	44.76	-2.27	215.00
125	0.93	48.98	-2.27	215.00
130	0.85	53.31	-2.27	215.00
135	0.78	57.73	-2.27	215.00
140	0.71	62.20	-2.27	215.00
145	0.63	66.72	-2.27	215.00
150	0.56	71.28	-2.27	215.00
155	0.48	75.87	-2.27	215.00
160	0.39	80.48	-2.27	215.00
165	0.32	85.11	-2.27	215.00
170	0.27	89.75	-2.27	215.00
175	0.27	94.39	-2.27	215.00
180	0.24	99.03	-2.27	215.00
185	0.31	103.65	-2.27	215.00

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Interference Objectives: Long Term		-154.0 dBW/4 kHz 20%
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Max Available RF Power	7.2 (dBW/4 kHz)	

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 2.0 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	0.23	108.26	-2.27	215.00
195	0.00	112.89	-2.27	215.00
200	0.00	117.46	-2.27	215.00
205	0.00	121.99	-2.27	215.00
210	0.00	126.46	-2.27	215.00
215	0.00	130.87	-2.27	215.00
220	0.00	135.19	-2.27	215.00
225	0.00	139.39	-2.27	215.00
230	0.00	143.42	-2.27	215.00
235	0.00	147.23	-2.27	215.00
240	0.00	150.72	-2.27	215.00
245	0.00	153.77	-2.27	215.00
250	0.00	156.20	-2.27	215.00
255	0.00	157.81	-2.27	215.00
260	0.00	158.41	-2.27	215.00
265	0.00	157.92	-2.27	215.00
270	0.00	156.41	-2.27	215.00
275	0.00	154.06	-2.27	215.00
280	0.00	151.07	-2.27	215.00
285	0.00	147.62	-2.27	215.00
290	0.00	143.85	-2.27	215.00
295	0.00	139.83	-2.27	215.00
300	0.00	135.65	-2.27	215.00
305	0.00	131.34	-2.27	215.00
310	0.00	126.94	-2.27	215.00
315	0.00	122.47	-2.27	215.00
320	0.00	117.95	-2.27	215.00
325	0.00	113.39	-2.27	215.00
330	0.00	108.79	-2.27	215.00
335	0.00	104.18	-2.27	215.00
340	0.00	99.54	-2.27	215.00
345	0.00	94.90	-2.27	215.00
350	0.00	90.25	-2.27	215.00
355	0.00	85.60	-2.27	215.00