





















ATLAS' Federated Antenna Network is fully integrated with our Freedom® Software, providing users a low latency, secure communications solution. Including: automated network operations, set-and-forget scheduling, mixed modem capability, real-time metrics, and single secure VPN access.

Location	Lat	Long	Antenna Size	Rx Freq (MHz)	G/T (dB/K)	Tx Freq (MHz)	EIRP (dBW)	Polarization
 Utqiagvik, AK, USA	71.27	-156.81	3.7m	S: 2200-2300 X: 7900-8400	12.8 25.4	S: 2025-2120 -	58.0 -	R/LHCP SIMUL: S ↑ SELEC: S, X ↓
  Deadhorse, AK, USA	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑↓
 Muonio, FIN	67.89	23.92	3.9m	S: 2200-2300 X: 7900-8500	14.0 27.0	S: 2070-2110 -	54.0 -	R/LHCP SELEC: S, X ↑↓
 Sodankylä, FIN	67.36	26.63	7.3m	S: 2200-2300 X: 7900-8500	19.8 32.1	S: 2025- 2110 -	54.8 -	R/LHCP SIMUL: X ↓ SELEC: S ↑↓
 Öjebyn, SWE	65.33	21.42	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 North Pole, AK, USA	64.79	-147.53	7.3m	S: 2200-2290 X: 8000-8500 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2120 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
  Stockholm, SWE	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑↓
 Dundee, SCT	56.40	-3.18	3.7m	S: 2200-2400 X: 7800-8500	13.6 26.5	S: 2025-2120 -	48.0 -	R/LHCP SIMUL: S ↑ SELEC: S, X ↓
  Dublin, IRL	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑↓
 Guildford, GBR	51.24	-0.61	5.4m	S: 2200-2290 X: 8025-8400	17.0 30.0	S: 2025- 2110 -	53.2 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
  Portland, OR, USA	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑↓
 Chitose, JPN	42.77	141.62	3.4m	S: 2200-2300 X: 7900-8500	11.4 26.4	S: 2025-2120 -	49.9 -	R/LHCP SIMUL: S ↑ SELEC: S, X ↓














  or   = Antenna Redundancy







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Location	Lat	Long	Antenna Size	Rx Freq (MHz)	G/T (dB/K)	Tx Freq (MHz)	EIRP (dBW)	Polarization
 Obihiro, JPN	42.59	143.45	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.0	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Columbus, OH, USA	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Pendergrass, GA, USA	34.17	-83.67	5.4m	S: 2200-2290 X: 8025-8400	17.0 30.0	S: 2025- 2110 -	53.2 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
 Las Cruces, NM, USA	32.36	-109.61	3.0m	S: 2200-2300 X: 7900-8500	11.3 25.9	S: 2025-2110 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Zallaq, BHR	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Dubai, UAE	24.94	55.35	3.7m	S: 2200-2300 X: 7900-8500	12.8 25.4	S: 2025-2120 -	50.2 -	R/LHCP SIMUL: S ↑ SELEC: S, X ↓
 Paumalu, HI, USA	21.67	-158.03	7.3m	S: 2200-2300 X: 7900-8500	18.5 33.7	S: 2025-2120 -	64.0 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
 Kapolei, HI, USA	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Harmon, GUM	13.51	144.82	3.7m	S: 2200-2300 X: 7900-8500	13.7 25.4	S: 2025-2110 -	50.2 -	R/LHCP SIMUL: S ↑ SELEC: S, X ↓
 Sunyani, GHA	7.34	-2.34	3.0m	S: 2200-2300	12.4	S: 2025-2110	47.8	RHCP
 Accra, GHA	5.74	-0.30	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Singapore	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Mwulire, RWA	-1.96	30.39	9.3m	S: 2200-2300 X: 8025-8500	21.5 36.0	S: 2025-2120 -	60.4 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
















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 Mwulire, RWA	-1.96	30.39	3.7m	S: 2200-2300	11.6	-	-	R/LHCP SELEC: S ↓
 Tafuna, ASM	-14.33	-170.71	3.7m	S: 2200-2300 X: 7900-8500	12.8 25.4	S: 2025-2110 -	50.2 -	R/LHCP SELEC: S, X ↑ ↓
 Urcuqui, ECU	0.43	-78.2	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Alice Springs, AUS	-23.75	133.88	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	65.0 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Pretoria, ZAF	-25.88	27.70	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Mingenew, AUS	-29.01	115.34	5.0m	S: 2200-2300 X: 8025-8500	14.0 29.5	S: 2025- 2120 -	45.0 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
 Mingenew, AUS	-29.01	115.34	7.3m	S: 2200-2290 X: 8025-8400 Ka: 25500-27000	18.0 32.0 35.7	S: 2025- 2110 - -	55.2 - -	R/LHCP SIMUL: S, X, KA ↓ SELEC: S ↑
 Cordoba, ARG	-31.52	-64.46	5.4m	S: 2200-2290 X: 8025-8400	17.0 30.0	S: 2025- 2110 -	53.2 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑
  Dubbo, AUS	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
  Cape Town, ZAF	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Awarua, NZL	-46.52	168.38	3.7m	S: 2200-2300 X: 8025-8500	13.7 27.0	S: 2025-2120 -	49.0 -	R/LHCP SIMUL: S ↑ X ↓ SELEC: S ↓
 Punta Arenas, CHL	-	-	5.4m	S: 2200-2300 X: 7750-8400	16.0 30.5	S: 2025- 2120 -	50.0 -	R/LHCP SIMUL: X ↓ SELEC: S ↑ ↓
 Ushuaia, ARG	-54.51	-67.11	7.3m	S: 2200-2290 X: 8025-8400	17.9 32.0	S: 2025- 2110 -	56.0 -	R/LHCP SIMUL: S, X ↓ SELEC: S ↑

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