

Site Name	Longitude and Latitude	Street Address	State	Town	County	Ground Elevation (m)	Tower Height AGL (m)	Tower Type	Nearest Aircraft Landing (km)	Man Made Structures Nariative	RAD Center AGL (Meters)	Directional Antenna	Fixed / Mobile
Bellevue-N	39° 46' 05.58"N 75° 29' 02.33"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	27	Monopole	8.22	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Bellevue-S	39° 46' 05.58"N 75° 29' 02.33"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	27	Monopole	8.22	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Bellevue-M	39° 46' 05.58"N 75° 29' 02.33"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	4				4	No	
Fox Point-N	39° 45' 21.88"N 75° 29' 30.32"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	27	Temporary Structure	8.37	Temporary Structure. Clears TowAir	18	Yes	Fixed
Fox Point-S	39° 45' 21.88"N 75° 29' 30.32"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	27	Temporary Structure	8.37	Temporary Structure. Clears TowAir	18	Yes	Fixed
Fox-Point-M	39° 45' 21.88"N 75° 29' 30.32"W	Fox Point State Park Wilmington , DE 19809	Deleware	Wilmington	New Castle County	4	4				4	No	
Edgemoor-N	39° 45' 09.71"N 75° 30' 13.46"W	775 Edgemoor Rd , Wilmington, DE 19809	Deleware	Wilmington	New Castle County	3	27	Temporary Structure	9.28	Temporary Structure. Clears TowAir	18	Yes	Fixed
Edgemoor-S	39° 45' 09.71"N 75° 30' 13.46"W	775 Edgemoor Rd , Wilmington, DE 19809	Deleware	Wilmington	New Castle County	3	27	Temporary Structure	9.28	Temporary Structure. Clears TowAir	18	Yes	Fixed
Edgemoor-M	39° 45' 09.71"N 75° 30' 13.46"W	775 Edgemoor Rd , Wilmington, DE 19809	Deleware	Wilmington	New Castle County	3	4				4	No	
Paladin-N	39° 45' 06.02"N 75° 30' 42.61"W	4302 Govenor Printz Boulevard, Wilmington DE 19802	Delaware	Wilmington	New Castle County	2	27	Monopole	9.93	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Paladin-S	39° 45' 06.02"N 75° 30' 42.61"W	4302 Govenor Printz Boulevard, Wilmington DE 19802	Delaware	Wilmington	New Castle County	2	27	Monopole	9.93	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Paladin-M	39° 45' 06.02"N 75° 30' 42.61"W	4302 Govenor Printz Boulevard, Wilmington DE 19802	Delaware	Wilmington	New Castle County	2	4				4	No	Mobile
Landlith-N	39° 44' 40.03"N 75° 31' 43.59"W	4001 VanDever Avenue, Wilmington, DE 19802	Delaware	Wilmington	New Castle County	2	27	Monopole	8.89	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Landlith-S	39° 44' 40.03"N 75° 31' 43.59"W	4001 VanDever Avenue, Wilmington, DE 19802	Delaware	Wilmington	New Castle County	2	27	Monopole	9.89	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Landlith-M	39° 44' 40.03"N 75° 31' 43.59"W	4001 VanDever Avenue, Wilmington, DE 19802	Delaware	Wilmington	New Castle County	2	4				4	No	Mobile
N Church-N	39° 44' 09.71"N 75° 32' 38.48"W	211 N. Church Street, Wilmington, DE 19801	Delaware	Wilmington	New Castle County	4	27	Monopole	8.31	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
N Church-S	39° 44' 09.71"N 75° 32' 38.48"W	211 N. Church Street, Wilmington, DE 19801	Delaware	Wilmington	New Castle County	4	27	Monopole	8.31	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
N Church-M	39° 44' 09.71"N 75° 32' 38.48"W	211 N. Church Street, Wilmington, DE 19801	Delaware	Wilmington	New Castle County	4	4				4	No	Mobile
Wilmington Station-N	39° 44' 09.86"N 75° 32' 56.35"W	East Front St and Poplar St, Wilmington DE 19801	Delaware	Wilmington	New Castle County	4	23	Wood Pole	4.35	Installation on existing wood pole not exceeding pole height	18	Yes	Fixed
Wilmington Station-S	39° 44' 09.86"N 75° 32' 56.35"W	East Front St and Poplar St, Wilmington DE 19801	Delaware	Wilmington	New Castle County	4	23	Wood Pole	4.35	Installation on existing wood pole not exceeding pole height	18	Yes	Fixed
Wilmington Station-S	39° 44' 09.86"N 75° 32' 56.35"W	East Front St and Poplar St, Wilmington DE 19801	Delaware	Wilmington	New Castle County	4	4				4	No	Mobile
Wilmington PTC-N	39° 44' 21.89"N 75° 33' 25.06"W	440 Martin Luther King Boulevard, Wilmington DE 19801	Delaware	Wilmington	New Castle County	9	27	Monopole	7.96	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Wilmington PTC-S	39° 44' 21.89"N 75° 33' 25.06"W	440 Martin Luther King Boulevard, Wilmington DE 19801	Delaware	Wilmington	New Castle County	9	27	Monopole	7.96	Installation on existing monopole not exceeding monopole height	18	Yes	Fixed
Wilmington PTC-M	39° 44' 21.89"N 75° 33' 25.06"W	440 Martin Luther King Boulevard, Wilmington DE 19801	Delaware	Wilmington	New Castle County	9	4				4	No	Mobile
Beech-N	39° 44' 08.48"N 75° 33' 50.63"W	Off Beech Street, Winnington, DE	Delaware	Wilmington	New Castle County	3	27	Temporary Structure	7.3	Temporary Structure. Clears TowAir	18	Yes	Fixed
Beech-S	39° 44' 08.48"N 75° 33' 50.63"W	Off Beech Street, Winnington, DE	Delaware	Wilmington	New Castle County	3	27	Temporary Structure	7.3	Temporary Structure. Clears TowAir	18	Yes	Fixed
Beech-M	39° 44' 08.48"N 75° 33' 50.63"W	Off Beech Street, Winnington, DE	Delaware	Wilmington	New Castle County	3	4				4	No	Mobile
Shellpot-N	39°43' 20.72"N 75° 34' 37.67"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	18	Lattice Self Supporter	5.46	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Shellpot-S	39° 43' 20.72"N 75° 34' 37.67"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	18	Lattice Self Supporter	5.46	Installation on existing tower not exceeding tower height	18	Yes	Fixed

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Shellpot-M	39°43' 20.72"N 75° 34' 37.67"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	4				4	No	Mobile
Ragan-N	39° 42' 58.30"N 75° 35' 26.91"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	30	Existing Lattice Tower	4.37	Installation on existing tower not exceeding tower height	20	Yes	Fixed
Ragan-S	39° 42' 58.30"N 75° 35' 26.91"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	30	Existing Lattice Tower	4.37	Installation on existing tower not exceeding tower height	20	Yes	Fixed
Ragan-M	39° 42' 58.30"N 75° 35' 26.91"W	Access at 500 Water Street, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	4				4	No	Mobile
Adelphia-N	39° 42' 38.94"N 75° 37' 06.05"W	Adelphia Avenue, Wilmington DE 19804	Delaware	Wilmington	New Castle County	9	18	Lattice Self Supporter	3.68	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Adelphia-S	39° 42' 38.94"N 75° 37' 06.05"W	Adelphia Avenue, Wilmington DE 19804	Delaware	Wilmington	New Castle County	9	18	Lattice Self Supporter	3.68	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Adelphia-M	39° 42' 38.94"N 75° 37' 06.05"W	Adelphia Avenue, Wilmington DE 19804	Delaware	Wilmington	New Castle County	9	4				4	No	Mobile
Sears-N	39° 42' 29.13"N 75° 37' 58.79"W	Off of Sears Boulevard, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	18	Lattice Self Supporter	3.96	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Sears-S	39° 42' 29.13"N 75° 37' 58.79"W	Off of Sears Boulevard, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	18	Lattice Self Supporter	3.96	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Sears-M	39° 42' 29.13"N 75° 37' 58.79"W	Off of Sears Boulevard, Wilmington DE 19804	Delaware	Wilmington	New Castle County	5	4				4	No	Mobile
Shone-N	39° 42' 17.66"N 75° 38' 55.16"W	Off Stanton Christiana Road , Newark DE 19713	Delaware	Newark	New Castle County	4	18	Lattice Self Supporter	4.63	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Shone-S	39° 42' 17.66"N 75° 38' 55.16"W	Off Stanton Christiana Road , Newark DE 19713	Delaware	Newark	New Castle County	4	18	Lattice Self Supporter	4.63	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Shone-M	39° 42' 17.66"N 75° 38' 55.16"W	Off Stanton Christiana Road , Newark DE 19713	Delaware	Newark	New Castle County	4	4				4	No	Mobile
Delaware Park-N	39° 41' 40.82"N 75° 40' 17.63"W	Delaware Park Entrance Rd , Newark DE 19713	Delaware	Newark	New Castle County	17	18	Lattice Self Supporter	5.83	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Delaware Park-S	39° 41' 40.82"N 75° 40' 17.63"W	Delaware Park Entrance Rd , Newark DE 19713	Delaware	Newark	New Castle County	17	18	Lattice Self Supporter	5.83	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Delaware Park-M	39° 41' 40.82"N 75° 40' 17.63"W	Delaware Park Entrance Rd , Newark DE 19713	Delaware	Newark	New Castle County	17	4				4	No	Mobile
Ruthar-N	39° 41' 16.27"N 75° 41' 45.41"W	Off of Ruthar Drive, Newark DE 19711	Delaware	Newark	New Castle County	22	18	Lattice Self Supporter	7.72	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Ruthar-S	39° 41' 16.27"N 75° 41' 45.41"W	Off of Ruthar Drive, Newark DE 19711	Delaware	Newark	New Castle County	22	18	Lattice Self Supporter	7.72	Installation on existing tower not exceeding tower height	18	Yes	Fixed
Ruthar-M	39° 41' 16.27"N 75° 41' 45.41"W	Off of Ruthar Drive, Newark DE 19711	Delaware	Newark	New Castle County	22	4				4	No	Mobile
Ruthby-N	39° 40' 55.94"N 75° 42' 47.30"W	Off of Ogletown Rd , Newark DE 19711	Delaware	Newark	New Castle County	20	16	Wood Pole	9.13	Installation on existing wood pole not exceeding pole height	15	Yes	Fixed
Ruthby-S	39° 40' 55.94"N 75° 42' 47.30"W	Off of Ogletown Rd , Newark DE 19711	Delaware	Newark	New Castle County	20	16	Wood Pole	9.13	Installation on existing wood pole not exceeding pole height	15	Yes	Fixed
Ruthby-M	39° 40' 55.94"N 75° 42' 47.30"W	Off of Ogletown Rd , Newark DE 19711	Delaware	Newark	New Castle County	20	4				4	No	Mobile
Marrows-N	39° 40' 41.34"N 75° 43' 40.51"W	Off of Marrows Road, Newark DE 19711	Delaware	Newark	New Castle County	26	18	Wood Pole	9.45	Installation on existing wood pole not exceeding pole height	17	Yes	Fixed
Marrows-S	39° 40' 41.34"N 75° 43' 40.51"W	Off of Marrows Road, Newark DE 19711	Delaware	Newark	New Castle County	26	18	Wood Pole	9.45	Installation on existing wood pole not exceeding pole height	17	Yes	Fixed
Marrows-M	39° 40' 41.34"N 75° 43' 40.51"W	Off of Marrows Road, Newark DE 19711	Delaware	Newark	New Castle County	26	4				4	No	Mobile
Davis PTC-N	39° 40' 21.59"W 75° 44' 33.03"W	Off of Old South Chapel St, Newark DE 19713	Delaware	Newark	New Castle County	28	43	Existing Lattice Tower	11.67	Installation on existing tower not exceeding tower height	43	Yes	Fixed
Davis PTC-S	39° 40' 21.59"W 75° 44' 33.03"W	Off of Old South Chapel St, Newark DE 19713	Delaware	Newark	New Castle County	28	43	Existing Lattice Tower	11.67	Installation on existing tower not exceeding tower height	43	Yes	Fixed
Davis PTC-M	39° 40' 21.59"W 75° 44' 33.03"W	Off of Old South Chapel St, Newark DE 19713	Delaware	Newark	New Castle County	28	4				4	No	Mobile

Site Name	Radius of Operation (km)	Horizontal Antenna Beamwidth (Degree)	Antenna Horizontal Plain (Deg True North)	Antenna Vertical Plain (Degrees From Horizontal)	Lower Frequency (MHz)	Upper Frequency (MHz)	Total TX Power (dBm, Average)	EIRP (dBm)	EIRP (Watts)	ERP (Watts)	Frequency Tolerance (%)	Station Class	Emissions	Modulating Signal	Necessary Bandwidth (MHz)
Bellevue-N		66	17	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Bellevue-S		66	203	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Bellevue-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Fox Point-N		66	43	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Fox Point-S		66	253	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Fox-Point-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Edgemoor-N		66	75	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Edgemoor-S		66	263	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Edgemoor-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Paladin-N		66	79	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Paladin-S		66	243	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Paladin-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Landlith-N		66	57	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Landlith-S		66	236	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Landlith-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
N Church-N		66	56	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
N Church-S		66	270	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
N Church-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Wilmington Station-N		66	91	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Wilmington Station-S		66	298	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Wilmington Station-S	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Wilmington PTC-N		66	118	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Wilmington PTC-S		66	256	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Wilmington PTC-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Beech-N		66	118	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Beech-S		66	256	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Beech-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Shellpot-N		66	36	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Shellpot-S		66	236	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5

Site Name	Radius of Operation (km)	Horizontal Antenna Beamwidth (Degree)	Antenna Horizontal Plain (Deg True North)	Antenna Vertical Plain (Degrees From Horizontal)	Lower Frequency (MHz)	Upper Frequency (MHz)	Total TX Power (dBm, Average)	EIRP (dBm)	EIRP (Watts)	ERP (Watts)	Frequency Tolerance (%)	Station Class	Emissions	Modulating Signal	Necessary Bandwidth (MHz)
Shellpot-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Ragan-N		66	63	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ragan-S		66	250	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ragan-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Adelphia-N		66	79	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Adelphia-S		66	256	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Adelphia-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Sears-N		66	78	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Sears-S		66	255	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Sears-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Shone-N		66	75	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Shone-S		66	237	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Shone-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Delaware Park-N		66	64	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Delaware Park-S		66	250	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Delaware Park-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Ruthar-N		66	70	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ruthar-S		66	249	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ruthar-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Ruthby-N		66	67	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ruthby-S		66	246	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Ruthby-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Marrows-N		66	69	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Marrows-S		66	69	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Marrows-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5
Davis PTC-N		66	62	-2	2155	2160	32	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Davis PTC-S		66	62	-2	2155	2160	50	60	1000.0	616.6	0.00001	Fixed	5MG7W	FDD	4.5
Davis PTC-M	3	Omni			1755	1760	32	42	15.8	9.8	0.00001	Mobile	5MG7W	FDD	4.5