

1.924 (d) Notification to the Arecibo Observatory (Area)

•(d) *Notification to the Arecibo Observatory.* The requirements in this section are intended to minimize possible interference at the Arecibo Observatory. Licensees must make reasonable efforts to protect the Observatory from interference. Licensees planning to construct and operate a new station at a permanent fixed location on Puerto Rico, Desecheo, Mona, Vieques or Culebra in services in which individual station licenses are issued by the FCC; planning to construct and operate a permanent fixed location on these islands that may cause interference to the operations of the Arecibo Observatory in services in which individual licenses are issued by the FCC; or planning a modification of any existing station at a permanent fixed location on these islands that would increase the likelihood of causing interference to the Arecibo Observatory must notify the Interference Office, Arecibo Observatory, HC3 Box 53995, Arecibo, Puerto Rico 00612, in writing or email (prcz@naic.edu), of the technical parameters of the planned operation. Carriers may wish to use the interference guidelines provided by Cornell University to avoid interference to the Observatory. The notification must include identification of the geographical coordinates of the antenna location, antenna height, antenna directivity (if any), proposed channel and FCC Rule Part, type of emission, and effective isotropic radiated power.

Site ID	Latitude	Longitude	Antenna Rad Center (ft)	Ground Elevation (ft)	Antenna Model	Antenna Type	Antenna pattern	# Antennas	Antenna Azimuths	EIRP (dBm)	Frequency of Operation (MHz)	FCC Call sign	FCC Rule Part	Type of emission
TMUSPRSNJN0001	18.3581	-66.0855	150	224	AP19-1670/090D/DT2	Panel	Attached	3	0,90,270	56	1670-1675 MHz	WPYQ831	47 CFR Part 27	Modulated Signal (DVB-H); Broadcast
TMUSPRSNJN0002	18.4346	-66.6042	230	322	750 10074	Omni	Attached	1	0	56				
TMUSPRSNJN0004	18.3224	-67.1482	305	739	750 10074	Omni	Attached	1	0	56				
TMUSPRSNJN0005	18.1916	-65.989	193	1,114	750 10074	Omni	Attached	1	0	56				
TMUSPRSNJN0006	18.034	-66.474	250	375	750 10074	Omni	Attached	1	0	56				