

Deployment Parameters

The currently authorized experimental trial under Call Sign WQ9XOX includes operation from five transmitter sites, listed as Locations 1 through 5 below. Specific parameters for operation at seven additional sites are detailed below for proposed new Locations 6-12:

Location 1 – Claro SP	
Coordinates	18-24-42.63 N/ 66-05-38.03 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 2 – CC Montehiedra	
Coordinates	18-20-46.65 N / 66-4-17.74 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 3 – SBA Coqui	
Coordinates	18-20-28.90 N / 66-03-20.73 W
Beam Width	90° V 8° H
Azimuth	0°
Orientation in Vertical Plane	4°

Location 4 – SBA Efron (Dorado)	
Coordinates	18-27-18.60 N / 66-17-24.07 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 5 –Filtros (Guaynabo)	
Coordinates	18-22-38.66 N /66-07-0.91 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	2°

Location 6 –Pinas (Cayey)	
Coordinates	18-09-8.31 N /66-04-49.27 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 7 –Monterrey (Vega Alta)	
Coordinates	18-24-50.65 N /66-17-41.6 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 8 –Yunque (Rio Grande)	
Coordinates	18-18-37.15 N /65-47-31.92 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°

Location 9 –LaMesa (Caguas)	
Coordinates	18-16-07.29 N /66-04-11.87 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°, 2°, 2°, 2°

Location 10 –Atalaya (Rincon)	
Coordinates	18-18-59.54 N /67-10-50.66 W
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°, 2°, 2°, 2°

Location 11 –MDE (Maracio)	
Coordinates	18-08-52.07 N /66-58-59.75
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	4°, 2°, 2°, 2°

Location 12 –Castillo (Mayaguez)	
Coordinates	18-13-17.0 N /67-09-20.02
Beam Width	90° V 8° H
Azimuth	0°, 90°, 180° and 270°
Orientation in Vertical Plane	2°