

## **Exhibit 7**

The purpose of this exhibit is to explain the difference between the antenna model number granted and the antenna model constructed in this application. WWRS changed it's granted antenna with a variation from that granted under it's Construction Permit under the provisions of 73.1690(c)(1) wherein the grantee is replacing an omnidirectional antenna with one of the same or different number of antenna bays and the radiation center is not more than 2 meters above or 4 meters below the authorized values.

Specifically, the Andrew ATW25HS3-HSO-43H antenna granted in the WWRS-DT Construction Permit was replaced by a slight variant of that same model. The replacement model is an ATL25H3-HSO-43. The replacement model varies from the granted antenna in two ways.

The constructed ATL25H3-HSO-43 has the same electrical characteristics as the granted model ATW25HS3-HSO-43H. The "ATL" designation was a marketing tool used by the manufacturer to identify a smaller diameter, light weight antenna designated as "TRASAR LT". Both antennas perform the same electrically with the only difference being the physically smaller diameter associated with TRASAR LT antenna.

Secondly, the ATL25H3-HSO-43 differs from the granted antenna in that the it has a slight variation in the vertical radiation pattern. The granted antenna presents a "smooth" vertical null fill wherein the constructed antenna presents a "standard" vertical null fill. This change presents virtually no change to the non-directional horizontal pattern, nor to the constructed effective radiated power in any direction. A pattern of the new vertical radiation characteristics is attached to this exhibit.

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### ELEVATION PATTERN

TYPE:	ATL25H3H	
Directivity:	Numeric	dBd
Main Lobe:	25.00	13.98
Horizontal:	16.85	12.27
Beam Tilt:	0.75	
Polarization:	Horizontal	
Frequency:	43 (Digital)	
Location:	Mayville, WI	

