

# DIFFERENCES BETWEEN AUTHORIZED and CONSTRUCTED FACILITIES.

FCC Form 302-FM Section III Item 7 Exhibit 8  
Attachment

Stations KQYW, Lost Cabin, Wyo. and KDNO, Thermopolis, Wyo. have been constructed to use a common antenna mounted on a tower shared with cellular and land mobile users.

As the stations were constructed, minor adjustments to various parameters were necessary. The changes are all within the scope of changes permitted by 47 C.F.R. Section 73.1690.

The following table details the facilities authorized in both construction permits and the constructed facilities:

Parameter	Authorized KQYW BMPH 20010502AAZ	Authorized KDNO BMPH - 20010109AAE	As Built	Note
Center of Radiation	18 m. AGL	19 m. AGL	15 m. AGL	1.
	2499 m. MSL	2500 m. MSL	2496 m. MSL	
	578 m. HAAT	580 m. HAAT	576 m. HAAT	2.
Overall Height	28 m. AGL	25 m. AGL	27 m. AGL	3.
North Latitude:	43° 26' 18"	43° 26' 17"	43° 26' 18"	4.
West Longitude:	107° 59' 37"	107° 59' 38"	107° 59' 37"	
Effective Radiated Power	51 kW Maximum 50 kW Horizontal		51 kW Maximum	
			50 kW Horizontal	
		16.5 kW Maximum 16.5 kW Horizontal	16.5 kW Maximum 16.25 kW Horizontal	

Notes:

1. Antenna elevation adjusted to minimize interference with other antennas on tower with due regard for structural considerations.
2. HAAT for KDNO originally calculated with software supplied by CDS from the USGS/DMA 03° database. HAAT for KQYW originally calculated using 'Globe' terrain data via the FCC HAAT web page, which since has been shut down for possible inaccuracies.
3. The overall height is defined by a land-mobile antenna owned by another user of the shared tower, and is not under the control of any principal of KDNO or KQYW.
4. Since the time that the coordinates were estimated for the KDNO CP application, the coordinates have been re-determined with greater precision.