

Date: 10/29/2021



Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject: Structural Evaluation

Carrier Designation: DISH Network Co-Locate
Site Number: BOBOS00639A
Site Name:

Crown Castle Designation: **BU Number:** 806042
Site Name: BOS ASHLAND 959026
JDE Job Number: 671418
WO Number: 2016330
Order Number: 572807 Revision 0

Site Data: ALBERT RAY DRIVE, ASHLAND, MIDDLESEX County, MA
Latitude: 42° 16' 25.3" Longitude: -71° 27' 5.6"
99 Foot – MONOPOLE Tower

Crown Castle is pleased to submit this “Structural Evaluation” to determine the structural integrity of the above-mentioned tower. The purpose of this evaluation is to determine the suitability of the tower structure to support the proposed equipment configuration listed in Table 1.

Based on a comparison of loading listed in the previous analysis dated 3/23/2021, the proposed loading change will not have significant impact on the overall tower stress rating. Therefore, the final proposed equipment configuration listed in Table 1 is structurally **ACCEPTABLE**.

Table 1: Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
74	74	1	MOUNTS	Commscope_MC-PK8-DSH	1	1-3/8
	74	1	RAYCAP	RDIDC-9181-PF-48		
	74	3	FUJITSU	TA08025-B604		
	74	3	FUJITSU	TA08025-B605		
	74	3	JMA WIRELESS	MX08FRO665-21		

Respectfully submitted by:

Terry P. Styran, P.E.
Senior Project Engineer



Terry P Styran
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