




| Structural Evaluation | | |
|---|--|---|
| ATC Site Number & Name | 310320 North Ogden, UT | Reviewed By:  Created By: Maxmclean |
| Carrier Site Number & Name | 289912 Rulon | |
| Site Location | 2367 N. Rulon White Blvd. Ogden, UT 84404-8582, Weber County 41.299 N / 112.0153 W | |
| Tower Description | 147.4 ft Monopole | |
| Basic Wind Speed | 103 mph (3-second gust) | |
| Basic Wind w/ Ice Applicable Code | 40 mph (3-second gust) w/.25" radical ice concurrent ANSI/TIA-222-H / 2018 IBC | |
| Evaluation Results: | | |
| The loading in the tables below was evaluated with respect to the tower and foundation capacities. As future loading is added, or if actual loading is different from these tables, re-evaluation shall be required. This tower and foundation are adequate to support the below loads in conformance with specified requirements. | | |

Existing and Reserved Equipment

| Elev. ¹ (ft) | Qty | Antenna | Mount Type | Lines | Carrier |
|-------------------------|------------------|---------------------------------------|-------------------------|--|------------------------|
| 151.9 | 2 | Raycap RRFDC-3315-PF-48 (32lbs) | Platform with Handrails | (2) 1 5/8" Hybriflex (2) EW90 | VERIZON WIRELESS |
| 147.0 | 1 | RFS SB2-107C | | | |
| 146.0 | 4 | Ericsson 8843 Rev 2 | | | |
| | 4 | Ericsson Radio 4449 - B13&B5 | | | |
| | 8 | Commscope NHH-45C-R2B | | | |
| 136.5 | 3 | CellMax CMA-B/6521/E0-6 | Flush | (1) 3/8" (0.38"-9.5mm) RET Control Cable (6) 1 5/8" Coax (1) 5/8" Coax | CRICKET COMMUNICATIONS |
| 130.8 | 1 | Generic 2' Dish w/ Radome | | | |
| 121.0 | 2 | DAPA QCI9-20 | Sector Frame | (7) 0.24" (6.1mm) Cat 5e (2) 0.26" (6.6mm) Cat 5e (1) 2 1/2" conduit (1) 3" conduit | JAB WIRELESS INC |
| | 4 | Generic 24" x 24" Panel | | | |
| | 1 | Cambium Networks PMP 450 Access Point | | | |
| | 1 | Generic 12" x 12" Junction Box | | | |
| | 1 | DragonWave Horizon Compact (11.5 lbs) | | | |
| | 1 | MTI Wireless Edge MT-484026/NVH | | | |
| | 6 | Cambium Networks PMP 450m | | | |
| | 1 | Radio Waves HP2-18 | | | |
| 4 | EMS RR90-11-00DP | | | | |

Equipment to be Removed

| Elev. ¹ (ft) | Qty | Antenna | Mount Type | Lines | Carrier |
|-------------------------|-----|--|------------|-------|------------------|
| 146.0 | 3 | Ericsson Radio 4449-B13&B5 w/ protruding items (75lbs) | - | - | VERIZON WIRELESS |



Proposed Equipment

| Elev. ¹ (ft) | Qty | Antenna | Mount Type | Lines | Carrier |
|-------------------------|-----|--------------------------------|------------------------------------|-------|------------------|
| 146.0 | 3 | Ericsson AIR 6449 B77D/ C-Band | Triangular Platform with Handrails | - | VERIZON WIRELESS |

¹Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.