

# MT-Glendive

CH207L1 89.3 FM

V-Soft confirms that all mileage spacing requirements are fully met.



Protected zones report for MT-GLCh on channel 207L1 11-29-2023

Lat. 47 07 05.0 Lng. 104 42 04.0, ERP= 0.1 kw, HAAT= -644.9 m

\*\*\* Station must likely coordinate with Canada. Distance to border = 209.3 km.

Facility is okay with respect to AM station towers.

Closest AM Facility is KXGN, GLENDIVE, MT, L, ND1 at 200.2° at a distance of 2.8 km

Facility is okay with respect to FCC monitoring stations.

Closest FCC Monitoring Station is 852.6 km= Grand Island, NE

Facility is okay toward West Virginia Quiet Zone. Distance to center = 2280.6 km

Facility is okay toward Table Mountain. Distance to Center = 777.0 km, Azimuth = 183.4 Degrees True

## Antenna structure meets FAA criteria

DETERMINATION Results							
PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 7494.72 MTRS (7.49469 KM) AWAY							
Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	47-07-55.00N	104-47-52.00W	DAWSON COMMUNITY	DAWSON GLENDIVE, MT	747.9	1738.5999999999999
Your Specifications							
NAD83 Coordinates							
Latitude		47-07-05.0 north					
Longitude		104-42-04.0 west					
Measurements (Meters)							
Overall Structure Height (AGL)		15					
Support Structure Height (AGL)		8					
Site Elevation (AMSL)		647					
Structure Type							
B - Building							