

KNWI - Previous Licensed Site as an Aux for the newly licensed KNWI. 73.1675(a)(1)(ii) Study

Munn-Reese.Com

KNWI

Proposed Aux
Latitude: 41-01-30.02 N
Longitude: 093-51-40 W
ERP: 25.00 kW
Channel: 296
Frequency: 107.1 MHz
AMSL Height: 535.0 m
Elevation: 343.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KNWI

0000164865
Latitude: 41-09-05.63 N
Longitude: 094-02-41.48 W
ERP: 100.00 kW
Channel: 296
Frequency: 107.1 MHz
AMSL Height: 650.0 m
Elevation: 362.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KNWI(aux) - HAAT Calculation

N. Lat. = 410130.0 W. Lng. = 935140.8
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - NGDC 30 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	60-F5
000	330.5	204.5	25.0000	13.98	51.47
045	312.2	222.8	25.0000	13.98	52.97
090	333.0	202.0	25.0000	13.98	51.27
135	345.0	190.0	25.0000	13.98	50.27
180	348.5	186.5	25.0000	13.98	49.98
225	355.5	179.5	25.0000	13.98	49.38
270	346.3	188.7	25.0000	13.98	50.16
315	347.4	187.6	25.0000	13.98	50.07

Ave El= 339.82 M HAAT= 195.18 M AMSL= 535.0

■ KNWI (296)
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FCC F(50-50) 60.00 dBu (FCC HAAT)

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Scale 1:1,500,000

0 20 40 60 km

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