

Distance to Contour Report

Type of contour: FCC
Location Variability: 50.0 %
Time Variability: 90.0 %
of Radials Calculated: 72 [8 Radials Used for HAAT No Snap]
OET 69 Style Vertical Pattern Adjustment Applied
FCC Matching HAAT Calculation Used
Field Strength: 51.00 dBuV/m

Primary Terrain: V-Soft 3 Second US Terrain

----- Transmitter Information:

Call Letters: WJYL-CD-D
File Number: BLDTA20090630ADK
Latitude: 38-22-10 N
Longitude: 085-49-46 W
ERP: 15.00 kW
Channel: 16
Frequency: 485.0 MHz
AMSL Height: 392.7 m
Elevation: 301.7 m
HAAT: 268.0 m
Horiz. Antenna Pattern: Directional
Vert. Elevation Pattern: Yes
Electrical Beam Tilt: 0.75

Azimuth (deg)	Distance (km)	HAAT (m)
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0.0	44.22	190.6
5.0	44.71	204.5
10.0	45.20	220.4
15.0	45.81	228.1
20.0	46.41	232.8
25.0	47.08	237.6
30.0	47.74	238.4
35.0	48.42	239.7
40.0	49.09	239.6
45.0	49.76	241.0
50.0	50.12	235.7
55.0	50.45	235.8
60.0	50.78	238.0
65.0	51.06	237.9
70.0	51.33	236.5
75.0	51.55	240.3
80.0	51.76	238.0
85.0	51.92	240.4
90.0	52.08	243.0
95.0	52.26	245.9

100.0	52.43	247.8
105.0	52.56	250.8
110.0	52.68	253.0
115.0	52.73	253.8
120.0	52.79	254.7
125.0	52.79	254.7
130.0	52.79	255.7
135.0	52.73	257.0
140.0	52.60	259.3
145.0	52.42	262.2
150.0	52.23	265.8
155.0	51.99	266.1
160.0	51.74	264.6
165.0	51.44	262.5
170.0	51.13	261.4
175.0	50.80	260.7
180.0	50.45	260.4
185.0	49.30	262.2
190.0	48.14	246.7
195.0	46.98	233.8
200.0	45.81	214.5
205.0	44.72	207.5
210.0	43.62	193.7
215.0	42.53	170.6
220.0	41.41	139.2
225.0	40.42	130.0
230.0	40.53	136.3
235.0	40.75	142.5
240.0	40.97	143.5
245.0	41.27	139.7
250.0	41.56	142.4
255.0	41.89	151.8
260.0	42.21	157.8
265.0	42.52	149.0
270.0	42.82	154.0
275.0	42.82	151.7
280.0	42.82	143.4
285.0	42.75	141.8
290.0	42.68	137.2
295.0	42.56	136.8
300.0	42.43	132.8
305.0	42.23	132.5
310.0	42.04	135.5
315.0	41.81	140.6
320.0	42.04	158.1
325.0	42.26	167.2
330.0	42.47	158.1
335.0	42.70	160.3
340.0	42.93	164.8
345.0	43.22	172.1
350.0	43.49	170.4
355.0	43.85	175.6

Average HAAT for radials shown: 204.8 m