

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 Corrected Facility
File Number: BLDTA20090630ADK
Latitude: 38-22-10 N
Longitude: 085-49-46 W
ERP: 9.55 kW
Channel: 16
Frequency: 485.0 MHz
AMSL Height: 385.0 m
Elevation: 301.7 m
HAAT: 194.38 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	42.03	182.9
5.0	42.19	196.8
10.0	42.34	212.7
15.0	42.52	220.4
20.0	42.71	225.1
25.0	42.97	229.9
30.0	43.23	230.7
35.0	43.59	232.0
40.0	43.96	231.9
45.0	44.44	233.3
50.0	44.64	228.0
55.0	44.94	228.1
60.0	45.25	230.3
65.0	45.61	230.2
70.0	45.97	228.8
75.0	46.35	232.6
80.0	46.72	230.3
85.0	47.08	232.7
90.0	47.44	235.3
95.0	47.84	238.2

100.0	48.23	240.1
105.0	48.57	243.1
110.0	48.91	245.3
115.0	49.20	246.1
120.0	49.49	247.0
125.0	49.72	247.0
130.0	49.95	248.0
135.0	50.12	249.3
140.0	50.23	251.6
145.0	50.28	254.5
150.0	50.33	258.1
155.0	50.32	258.4
160.0	50.31	256.9
165.0	50.25	254.8
170.0	50.18	253.7
175.0	50.05	253.0
180.0	49.92	252.7
185.0	48.93	254.5
190.0	47.93	239.0
195.0	46.86	226.1
200.0	45.79	206.8
205.0	44.69	199.8
210.0	43.51	186.0
215.0	42.24	162.9
220.0	40.96	131.5
225.0	39.69	122.3
230.0	39.50	128.6
235.0	39.33	134.8
240.0	39.15	135.8
245.0	39.04	132.0
250.0	38.92	134.7
255.0	38.91	144.1
260.0	38.90	150.1
265.0	39.02	141.3
270.0	39.13	146.3
275.0	39.08	144.0
280.0	39.04	135.7
285.0	39.06	134.1
290.0	39.09	129.5
295.0	39.15	129.1
300.0	39.20	125.1
305.0	39.24	124.8
310.0	39.27	127.8
315.0	39.27	132.9
320.0	39.73	150.4
325.0	40.12	159.5
330.0	40.52	150.4
335.0	40.85	152.6
340.0	41.17	157.1
345.0	41.42	164.4
350.0	41.66	162.7
355.0	41.86	167.9

Average HAAT for radials shown: 197.1 m