



WIRELESS APPLICATIONS, CORP.[®]

Connecting Wireless...

DOWNTILT ANGLE			
Site Name:	Alpha	Target Name:	Beth
Input Parameters			
Elevation of Antenna	100.0	ft AGL	
Elevation of Cellsite	3024.0	ft AMSL	
Elevation of Target	1900.0	ft AMSL	
Distance Site to Target	5.4	Statute Miles	
Beamwidth of Antenna	4.5	Degrees	
Target Area			
Angle Target to Site	2.5	Degrees	
Is Target in Main Beam	NO	Without Downtilt	
Downtilt Angle			
Downtilt angle	2.0	Degrees	
Is Target in Main Beam	YES	With Downtilt	
Equivalent Distance			
Lower Beam Angle	4.3	Degrees	
Distance At Lower Beam	3.1	Statute Miles	
Mid Beam Angle	2.0	Degrees	
Mid Beam Distance	6.6	Statute Miles	
Upper Beam Angle	-0.3	Degrees	
Distance At Upper Beam	-53.1	Statute Miles	

Legend for Colors:

input
results