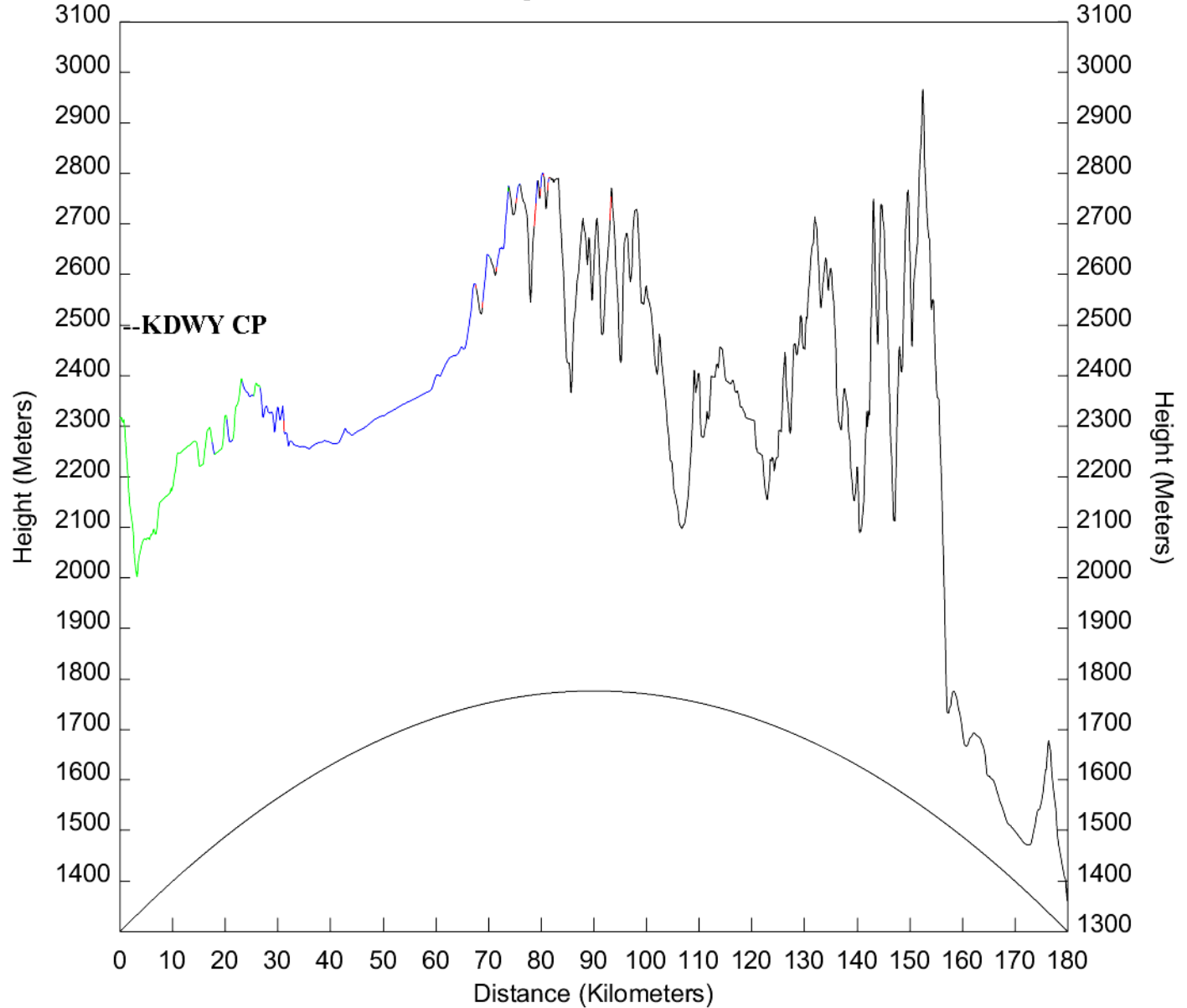


# KDWY, Diamondville, WY Construction Permit BPH-20011018AGB

#Latitude: 41-50-51  
 #Longitude: 110-51-04  
 #ERP: 67.0  
 #ERP units: KW  
 #Height: 2498.0 AMSL  
 #Confidence: F(50,50) F(50,10)  
 #Strength: 60.0 40.0 dbu  
 #AntennaName: C:\CDS\DATA\OMNI.ANT  
 #AntennaOrientation: 0.0  
 #Description: KDWY Diamondville CP  
 #Radials: 24  
 #Curve: Broadcast  
 #Frequency/Channel 287

Azimuth	Avg. Elev.	HAAT	F(50,50)	F(50,10)	*=Tech Note 101 furthest	
			60 dbu Distance	40 dbu Distance	60 dbu Distance	40 dbu Distance
0	2289.2	208.8	60.8	152.7		
15	2298.7	199.3	60.0	151.5		
30	2325.1	172.9	57.5	147.7		
45	2316.2	181.8	58.4	149.0		
60	2271.7	226.3	62.4	154.8		
75	2179.9	318.1	69.7	164.0		
90	2142.5	355.5	72.4	169.2		
105	2068.2	429.8	77.8	176.1		
120	2084.6	413.4	76.6	174.8		
135	2132.6	365.4	73.1	170.5		
150	2180.8	317.2	69.6	163.9		
165	2246.1	251.9	64.5	157.6		
180	2276.1	221.9	62.0	154.3		
195	2130.8	367.2	73.2	170.7		
210	2078.5	419.5	77.0	175.3	77.0 *	80.2 *
212.5					69.4 *	71.5 *
215					38.3 *	75.1 *
218.8					28.7 *	68.7 *
220					28.5 *	68.7 *
225	2064.8	433.2	78.1	176.4	30.4 *	73.0 *
240	1989.8	508.2	83.2	182.2		
255	1968.7	529.3	84.4	183.7		
270	1984.8	513.2	83.5	182.5		
285	1987.0	511.0	83.4	182.4		
300	1986.6	511.4	83.4	182.4		
315	1984.6	513.4	83.5	182.5		
330	2019.3	478.7	81.4	180.0		
345	2111.3	386.7	74.6	172.6		

**Interference Received from KDWY  
calculated per Tech Note 101.**

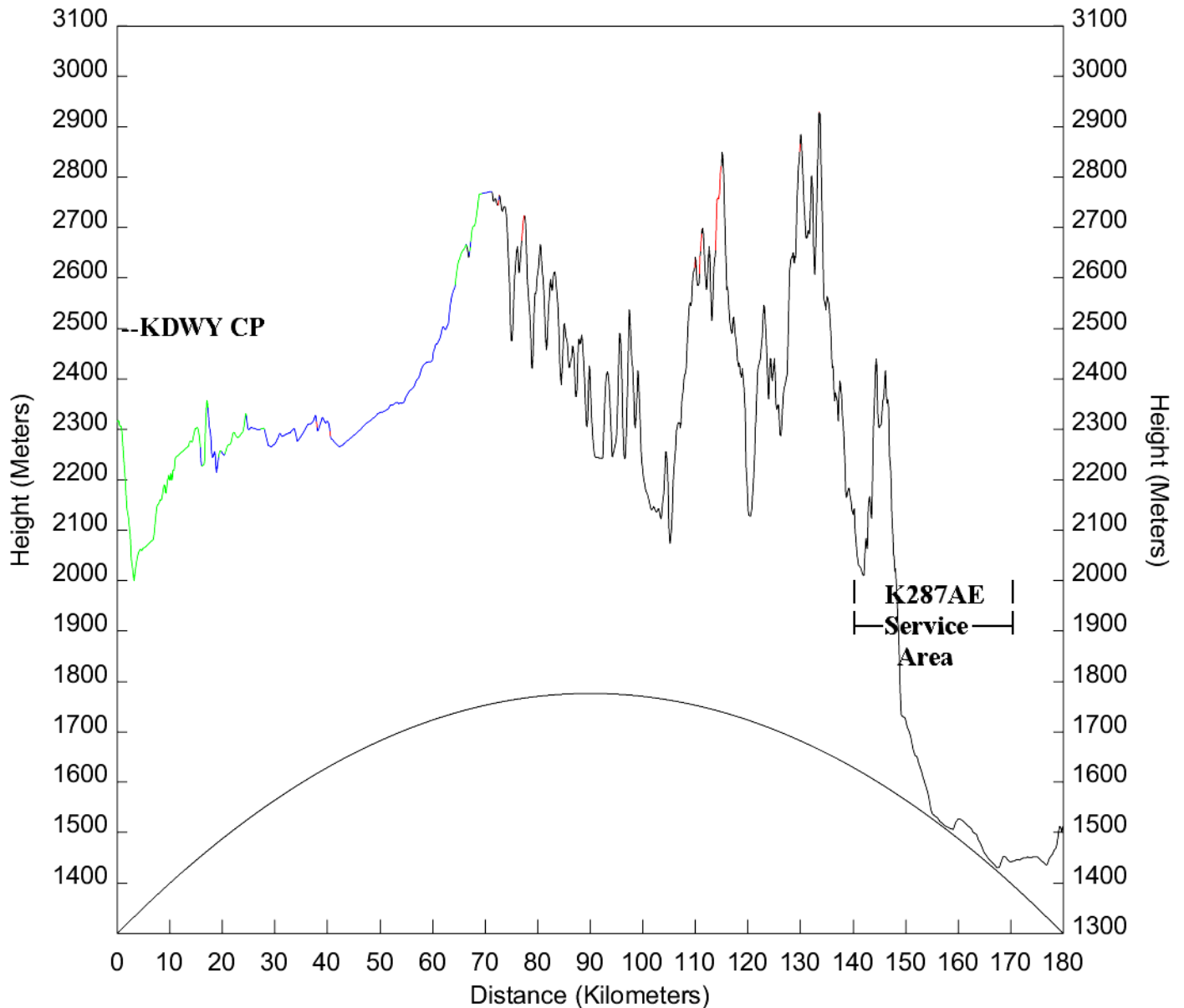


Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 210 Total Loss: 219.71 dB Receive Signal -54.26 dBu Refractive

**Color of Terrain Profile Indicates Magnitude of Signal Exceeded:**

\* 60.00 dBu   \* 40.00 dBu   \* 34.00 dBu

**Interference Received from KDWY  
calculated per Tech Note 101.**

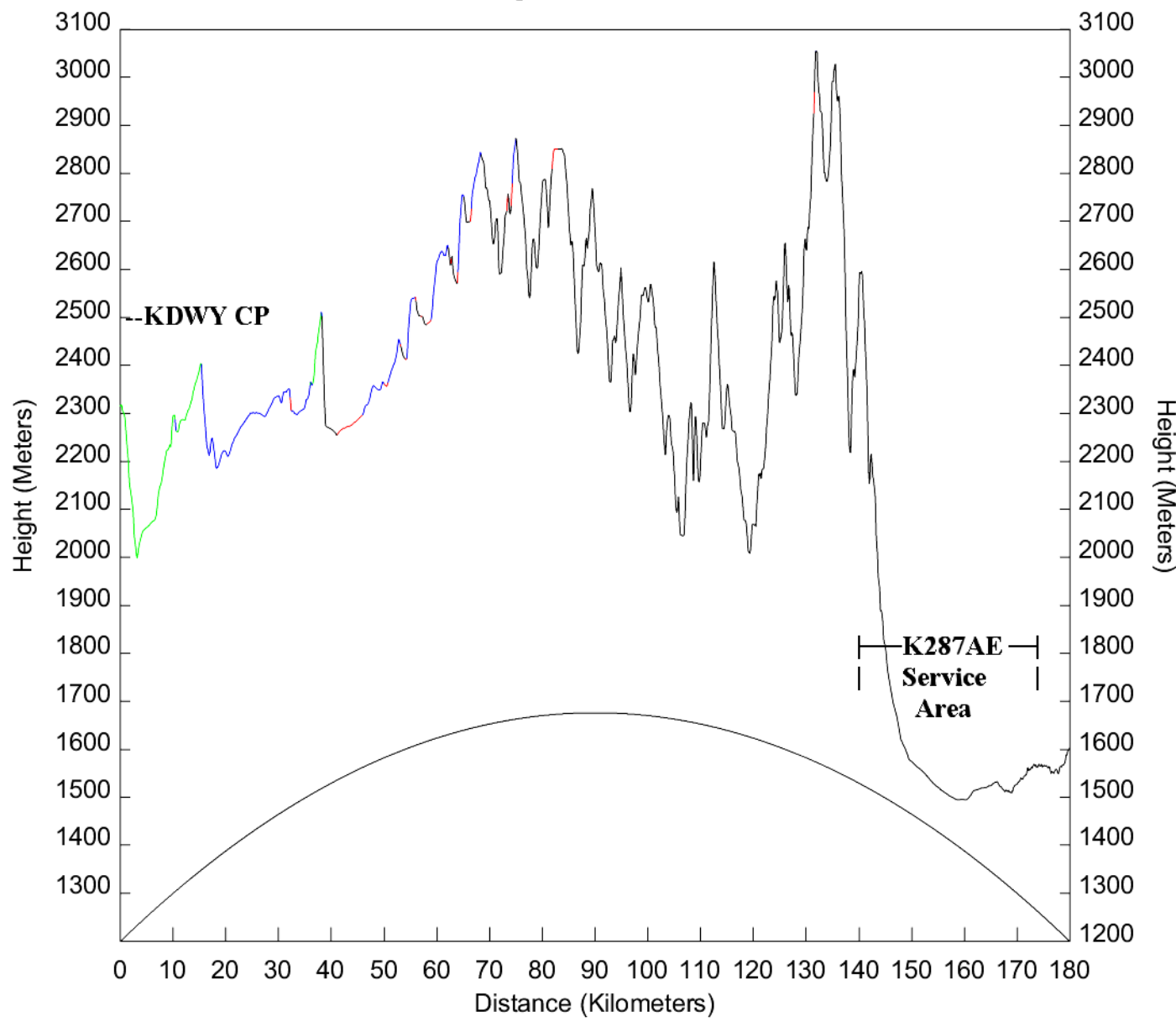


Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 212.5 Total Loss: 191.53 dB Receive Signal -26.09 dBu Refracti

**Color of Terrain Profile Indicates Magnitude of Signal Exceeded:**

\* 60.00 dBu \* 40.00 dBu \* 34.00 dBu

**Interference Received from KDWY  
calculated per Tech Note 101.**

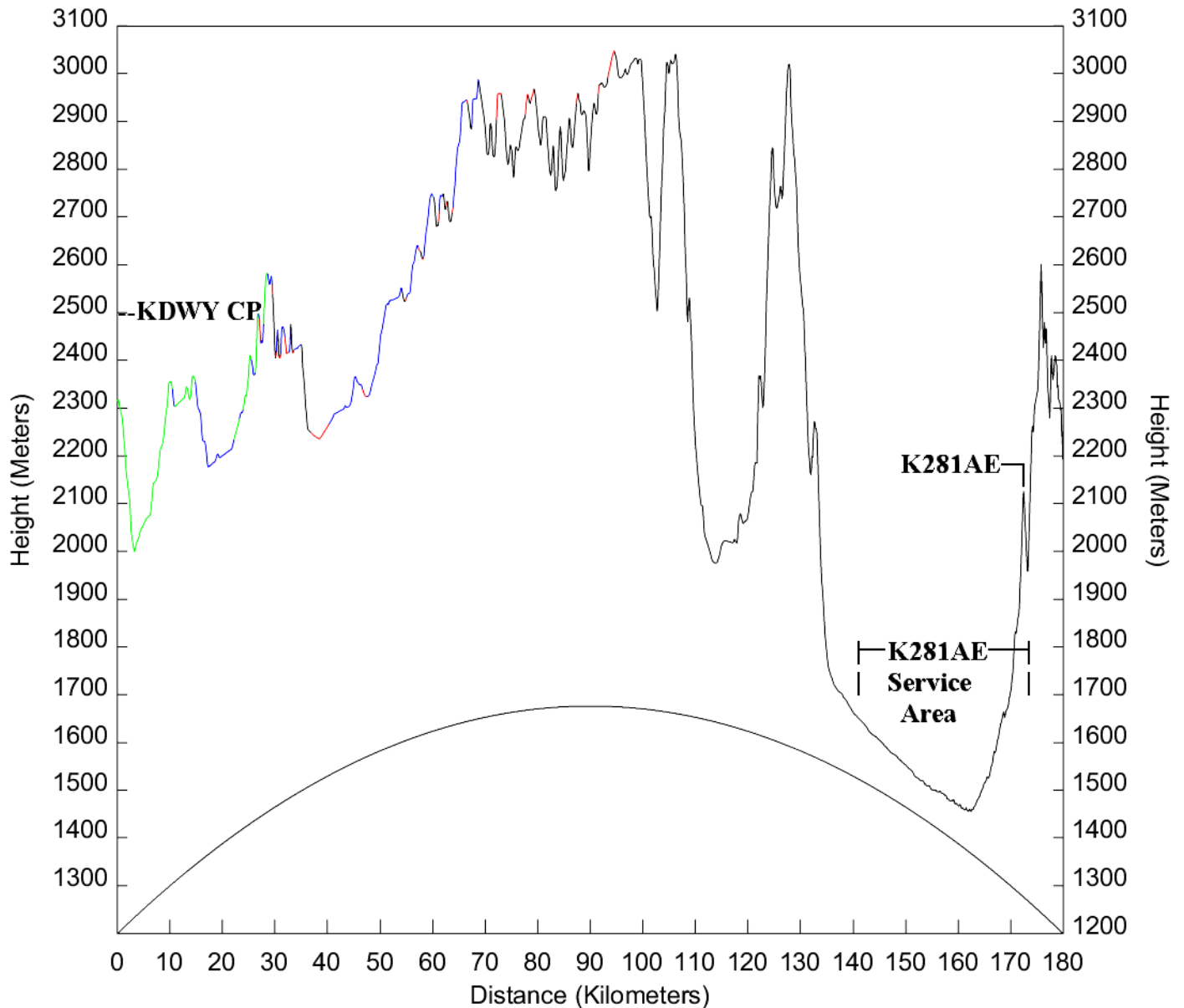


Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 215 Total Loss: 193.69 dB Receive Signal -28.24 dBu Refractive

**Color of Terrain Profile Indicates Magnitude of Signal Exceeded:**

\* 60.00 dBu \* 40.00 dBu \* 34.00 dBu

**Interference Received from KDWY  
calculated per Tech Note 101.**

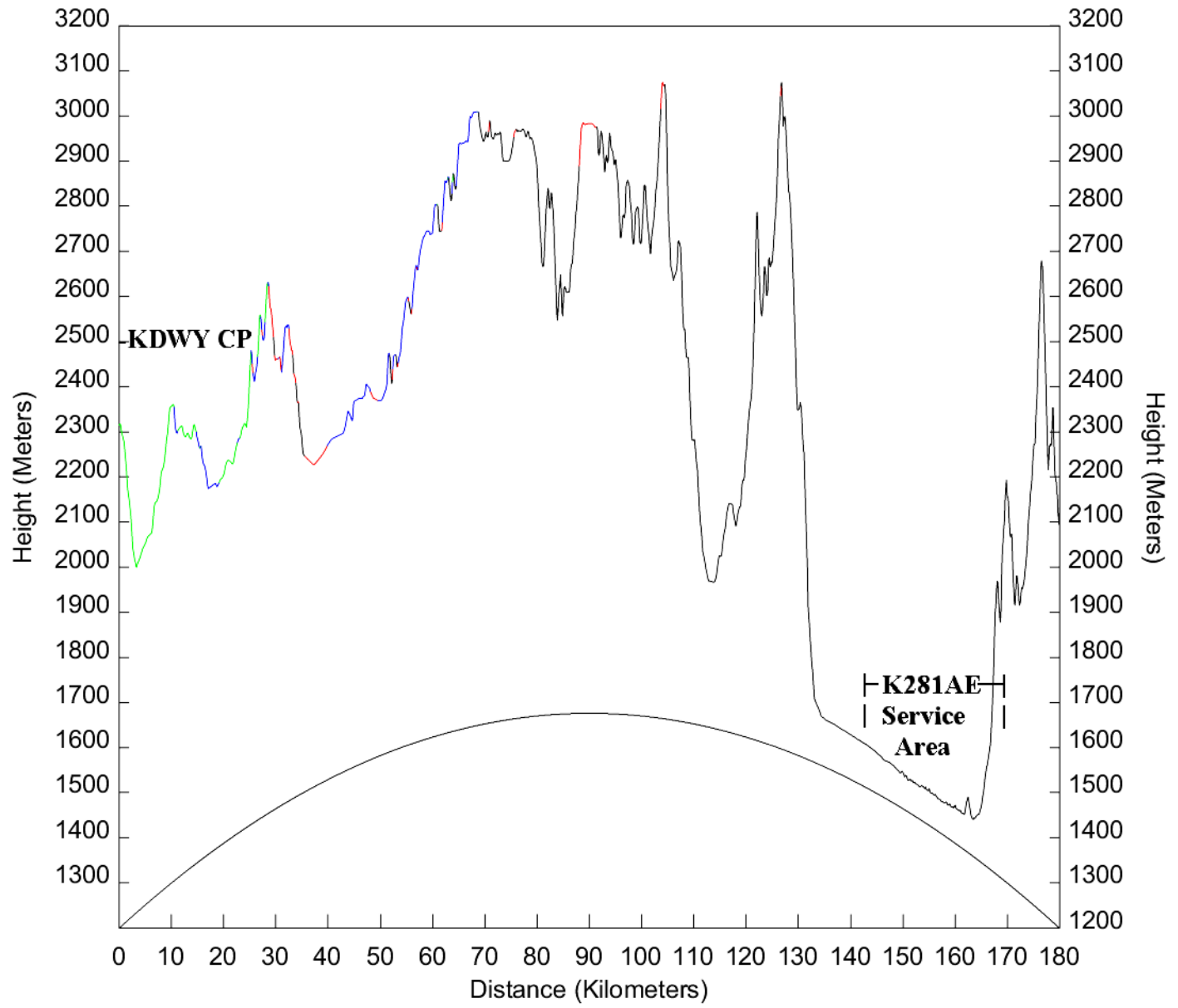


Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 218.8 Total Loss: 228.22 dB Receive Signal -62.77 dBu Refracti  
KDWY Construction Permit toward K281AE

Color of Terrain Profile Indicates Magnitude of Signal Exceeded:

\* 60.00 dBu \* 40.00 dBu \* 34.00 dBu

**Interference Received from KDWY  
calculated per Tech Note 101.**

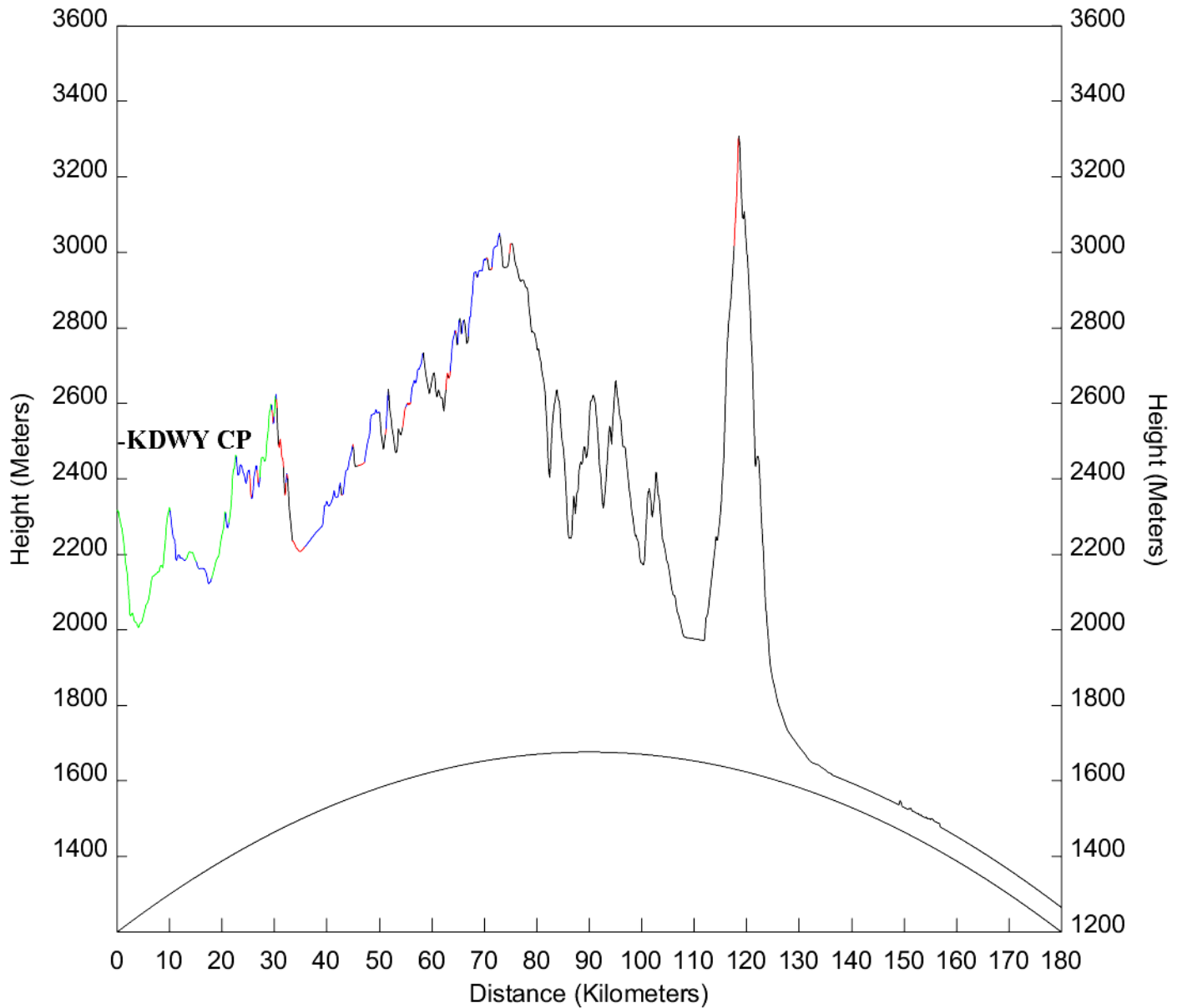


Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 220 Total Loss: 221.64 dB Receive Signal -56.19 dBu Refractive

**Color of Terrain Profile Indicates Magnitude of Signal Exceeded:**

\* 60.00 dBu \* 40.00 dBu \* 34.00 dBu

**Interference Received from KDWY  
calculated per Tech Note 101.**



Latitude: 41-50-51 Longitude: 110-51-04 Azimuth: 225 Total Loss: 207.99 dB Receive Signal -42.54 dBu Refractive

**Color of Terrain Profile Indicates Magnitude of Signal Exceeded:**

\* 60.00 dBu \* 40.00 dBu \* 34.00 dBu