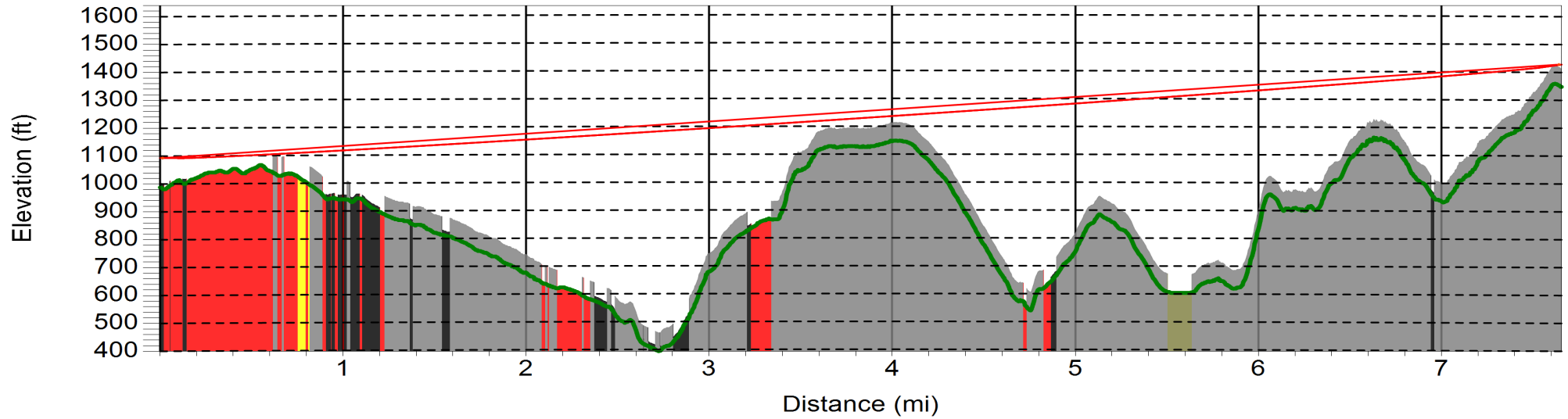


## New Milford to Richards Road Link: NMRX2 -> RRTX2



Transmitter	
Description	Data
Site name	New Milford
Latitude	N41°36'18.80"
Longitude	W73°22'01.30"
Transmitter Frequency	6000 MHz
Polarization	horizontal
Antenna Height (AGL)	105.74 ft
Antenna elevation (AMSL)	1093.27 ft
Antenna gain to link end 2	17.85 dBd

Receiver	
Description	Data
Site name	Richards Road
Latitude	N41°42'31.00"
Longitude	W73°25'13.70"
Received signal level	-66.23 dBmW
Receiver noise level	-98.98 dBmW
Antenna Height (AGL)	80.00 ft
Antenna elevation (AMSL)	1428.43 ft
Antenna gain to link end 1	17.85 dBd
Net diversity gain	0.00 dB

## New Milford to Richards Road Link: NMRX2 -> RRTX2

Link Statistics	
Description	Data
Path	NMRX2 -> RRTX2
Length	7.6561 mi
Number of obstacles	0
Excess pathloss	3.40 dB
Atm. Absorption loss	0.00 dB
Path loss for Stats	133.23 dB
Path Fresnel zone clearance	0.26
K factor	1.333

Link Performance	
Description	Data
Flat fade margin	23.15 dB
Net fade margin	23.15 dB
Annual fade outage	257.08 sec
Annual rain outage	0.00 sec
Percent availability	99.9992
Fade outage method	Vigants-Barnett
Rain outage method	Crane