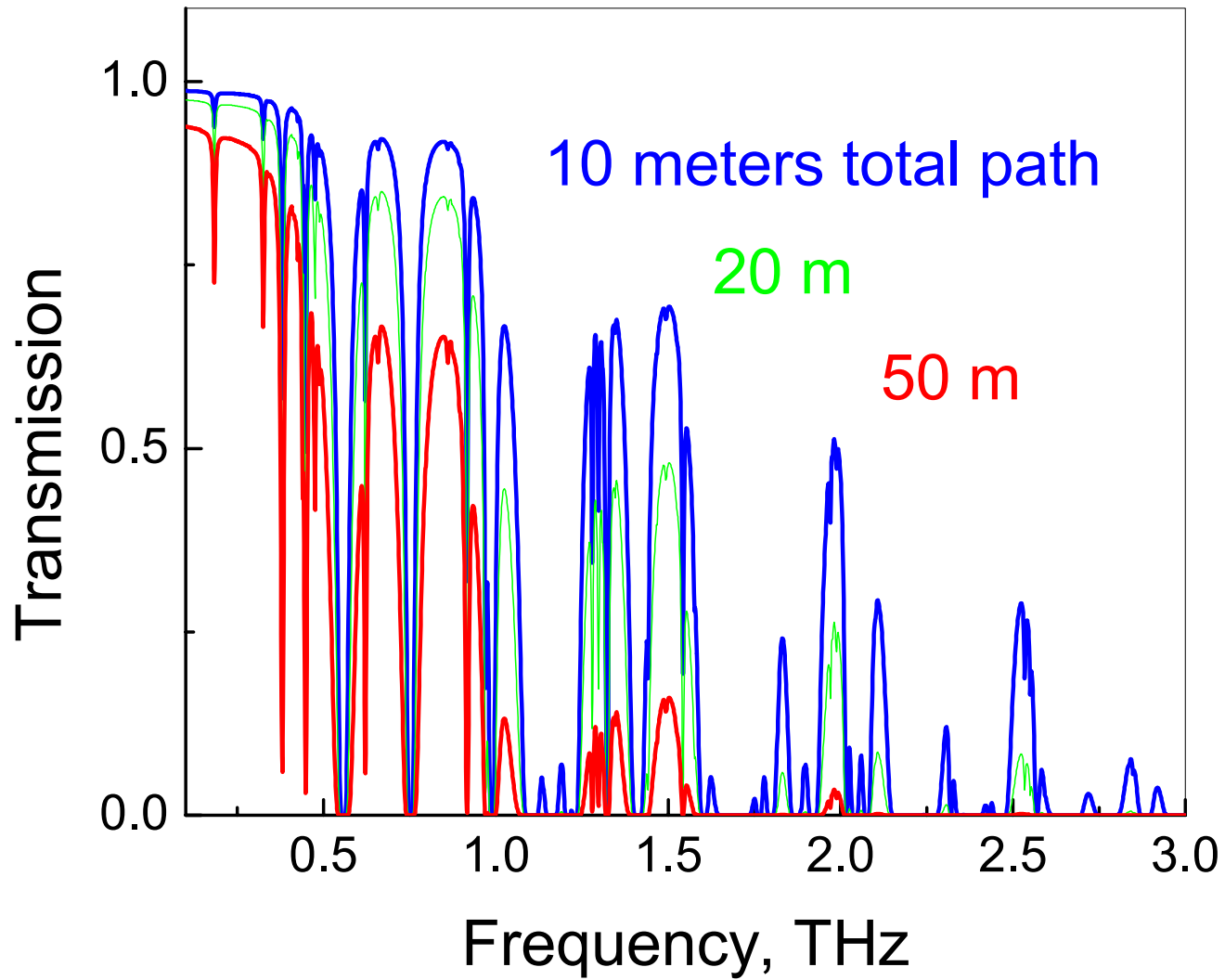


Nominal power delivered from the transmitter  
nominal 2  $\mu$ s pulse 1.5 Hz

But see atmospheric absorption for power on target

Frequency	Nominal Power at Transmitter	
	Peak, 2 microsecond pulse	Average power
660 GHz	4 kW	12 mW
850 GHz	500 W	1.5 mW
1. THz	2 kW	6 mW
1.3 THz	2 kW	6 mw
1.5 THz	2.5 kW	7.5 mW
2. THz	4 kW	12 mW
2.5 THz	4 kW	12 mW

Illuminated target area will be adjustable



# Imaging optics

Three systems – f 1.5

1 meter collector at ~ 660 GHz

.5 meter at ~1 THz

.2 meter at ~ 2.5 THz