

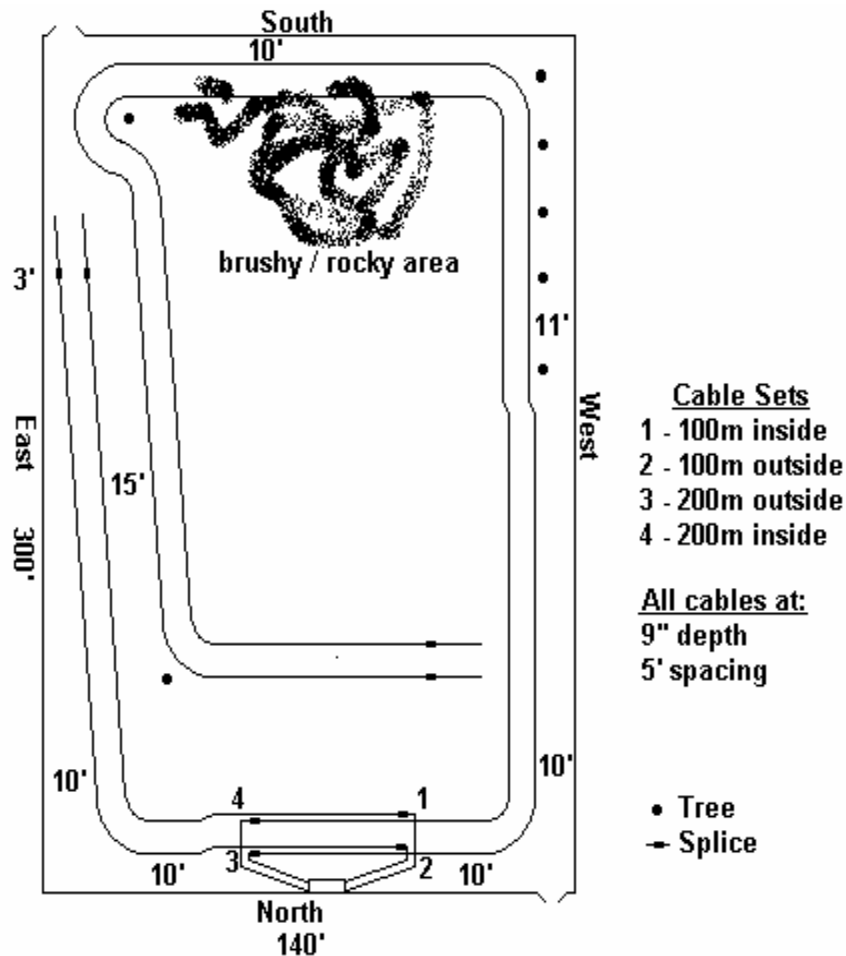
MICROTRACK TEST REPORT #2

INSTALLION SITE #2

Installation address: 3551 Stonecrest Road
Woodlawn, Ontario
Canada KOA 3M0

Site Description

The site is a level fenced area 140 x 300 feet. It can be considered as representative of an area within a correctional facility. The cables were buried in October, 2003 and system testing continued through the winter and spring of 2004.



Parallel Tests

Data for the parallel test is given in Fig 1. The maximum field strength is from 6 to 10 meters from the lead-in cable. Perpendicular tests were done at this point. Vertical tests were not recorded at this location. Tests at the Maricopa site show little or no change between 1 and 4 meters of vertical position. This is to be expected since 4 meters is less than one half wave length at frequency being transmitted.

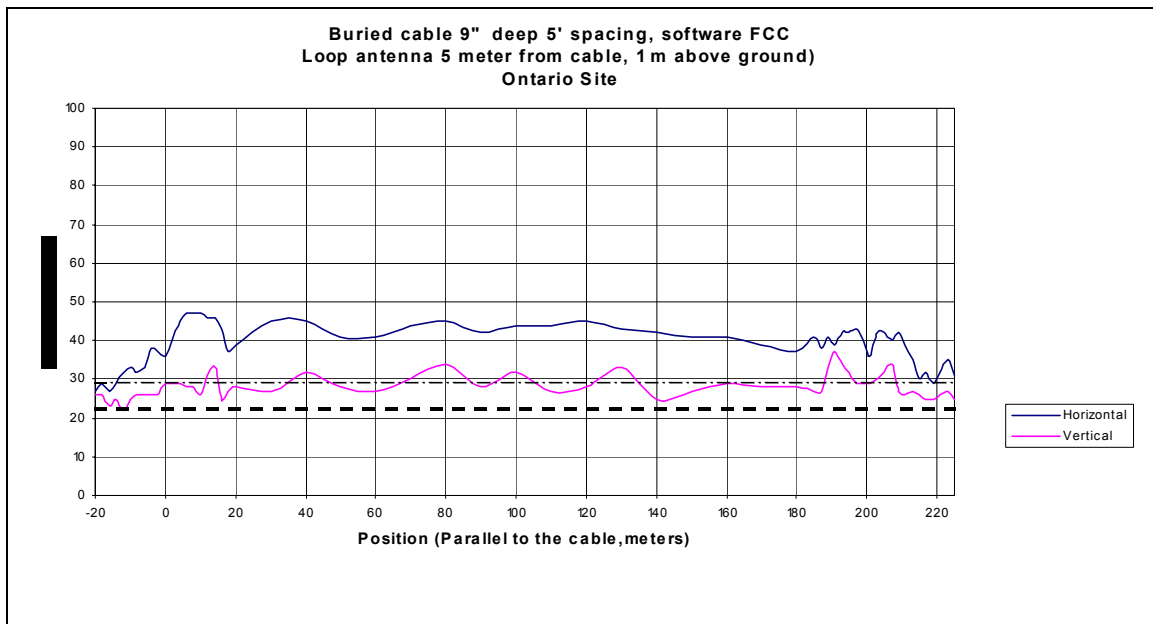


Fig 1

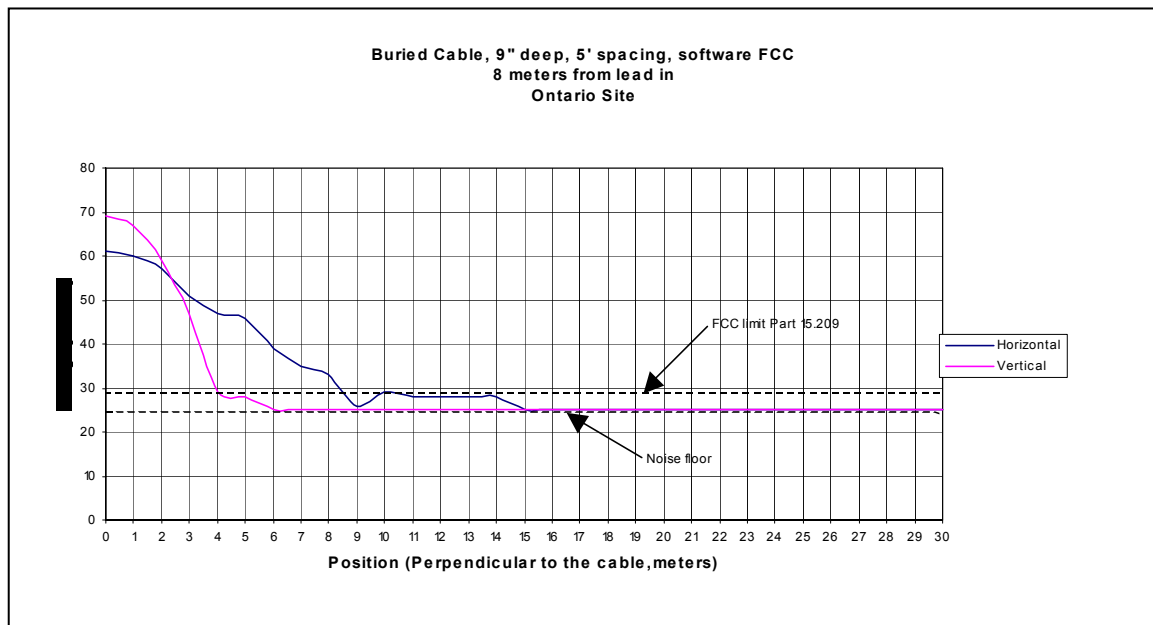


Fig 2

The data recorded on a line perpendicular to the leaky cable shows the field strength drops below the 15.209 limit of 30 uV/m at less than 10 meters from the cable. This is just inside the fence line. Only low level signals (below 15.209) were detected outside the fence. System tests also show no detection when the fence is vibrated. This confirms that radiation from the leaky cable does not illuminate the fence 10 meters away.

Photos of the Ontario Installation Site.



3551 Stonecrest Road, Woodlawn, Ontario



