

**FCC Form 349**  
**Application to Construct FM Translator Station**  
**Foothills Broadcasting, Inc.**  
**CH245D / 96.9MHz / 55 watts**  
**Crossville, TN**  
**BNPFT-20030317AJH**

**EXHIBIT A**

**Distance to 100dbu F(50/10) with HAAT calculations**

Site: NEW - Crossville, TN

Coordinates: 35-55-37.0 N, 85-01-22.0 W

Freq: 96.90000 MHz

ERP: 55.00 W

Bearing	ERP W	HAAT	DH	Distance	Lat	Lon
0	55.00	68	290	0.74	35-56-01.1 N	85-01-22.0 W
30	55.00	49	120	0.74	35-55-57.8 N	85-01-07.1 W
60	55.00	62	240	0.74	35-55-49.0 N	85-00-56.1 W
90	55.00	56	400	0.74	35-55-36.9 N	85-00-52.2 W
120	55.00	24	370	0.74	35-55-24.9 N	85-00-56.2 W
150	55.00	23	350	0.74	35-55-16.1 N	85-01-07.1 W
180	55.00	55	340	0.74	35-55-12.8 N	85-01-22.0 W
210	55.00	29	120	0.74	35-55-16.1 N	85-01-36.8 W
240	55.00	43	270	0.74	35-55-24.9 N	85-01-47.7 W
270	55.00	53	280	0.74	35-55-36.9 N	85-01-51.7 W
300	55.00	57	250	0.74	35-55-49.0 N	85-01-47.8 W
330	55.00	56	240	0.74	35-55-57.8 N	85-01-36.8 W