

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

**EXHIBIT C**

**Distance to 54dbu 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	10.42	36-01-14.3 N	85-01-22.0 W
30	55.00	49	120	8.83	35-59-44.6 N	84-58-25.2 W
60	55.00	62	240	9.99	35-58-18.5 N	84-55-35.8 W
90	55.00	56	400	9.50	35-55-36.8 N	84-55-02.0 W
120	55.00	24	370	6.86	35-53-45.8 N	84-57-24.3 W
150	55.00	23	350	6.86	35-52-24.4 N	84-59-04.8 W
180	55.00	55	340	9.42	35-50-32.0 N	85-01-22.0 W
210	55.00	29	120	6.86	35-52-24.4 N	85-03-39.1 W
240	55.00	43	270	8.63	35-53-17.1 N	85-06-20.8 W
270	55.00	53	280	9.24	35-55-36.8 N	85-07-31.4 W
300	55.00	57	250	9.34	35-58-08.0 N	85-06-45.4 W
330	55.00	56	240	9.34	35-59-58.7 N	85-04-28.8 W