

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

**EXHIBIT B**

**Distance to 60dbu F(50/50) 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	7.28	35-59-32.6 N	85-01-22.0 W
30	55.00	49	120	6.18	35-58-30.3 N	84-59-18.2 W
60	55.00	62	240	6.95	35-57-29.4 N	84-57-21.2 W
90	55.00	56	400	6.63	35-55-36.9 N	84-56-57.0 W
120	55.00	24	370	4.84	35-54-18.5 N	84-58-34.2 W
150	55.00	23	350	4.84	35-53-21.1 N	84-59-45.1 W
180	55.00	55	340	6.57	35-52-04.2 N	85-01-22.0 W
210	55.00	29	120	4.84	35-53-21.1 N	85-02-58.8 W
240	55.00	43	270	6.05	35-53-59.0 N	85-04-51.3 W
270	55.00	53	280	6.45	35-55-36.9 N	85-05-40.0 W
300	55.00	57	250	6.52	35-57-22.4 N	85-05-07.7 W
330	55.00	56	240	6.52	35-58-39.7 N	85-03-32.3 W