

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

EXHIBIT D

Distance to 40dbu 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	24.31	36-08-44.0 N	85-01-22.0 W
30	55.00	49	120	20.64	36-05-15.4 N	84-54-28.5 W
60	55.00	62	240	23.29	36-01-53.3 N	84-47-54.4 W
90	55.00	56	400	22.15	35-55-36.0 N	84-46-36.1 W
120	55.00	24	370	15.49	35-51-25.8 N	84-52-26.0 W
150	55.00	23	350	15.49	35-48-22.5 N	84-56-12.7 W
180	55.00	55	340	21.96	35-43-45.8 N	85-01-22.0 W
210	55.00	29	120	15.49	35-48-22.5 N	85-06-31.2 W
240	55.00	43	270	20.18	35-50-09.8 N	85-12-59.8 W
270	55.00	53	280	21.56	35-55-36.1 N	85-15-44.2 W
300	55.00	57	250	21.78	36-01-28.9 N	85-13-57.0 W
330	55.00	56	240	21.78	36-05-47.4 N	85-08-38.3 W