

Six Mile channel 249 study
Six Mile SC Channel Study

ComStudy 2.2 search of channel 249 (97.7 MHz Class D) at 34-49-57.0 N, 82-48-14.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WPEG	CONCORD	NC	250	C	161.40	0.00	68.1	27.28 dB
WPEG	CONCORD	NC	250	C	146.28	0.00	71.8	31.49 dB
WMGZ	EATONTON	GA	249	C3	169.61	0.00	193.4	33.05 dB
WKBC-FM	NORTH WILKESBORO	NC	247	C	205.35	0.00	47.2	35.99 dB
WJXB-FM	KNOXVILLE	TN	248	C	166.05	0.00	322.3	24.30 dB
WHZT	SENECA	SC	251	C	23.23	0.00	226.1	-26.73 dB
WHZT	SENECA	SC	251	C	23.57	0.00	226.5	20.55 dB
WFOX	GAINESVILLE	GA	246	C	124.67	0.00	231.2	18.53 dB
WFOX	GAINESVILLE	GA	246	C	124.67	0.00	231.2	14.39 dB
WCOS-FM	COLUMBIA	SC	248	C1	177.99	0.00	115.2	29.31 dB
W249AR	ASHEVILLE	NC	249	D	84.84	0.00	7.9	6.29 dB
W249AH	JOHNSON CITY	TN	249	D	170.70	0.00	14.0	31.92 dB
W247AB	GREENVILLE	SC	247	D	37.00	0.00	86.5	25.63 dB
W237AR	HAZELWOOD, ETC.	NC	246	D	75.10	0.00	338.6	24.56 dB
NEW	GREENVILLE	TN	249	D	148.73	0.00	359.7	37.97 dB
NEW	SPARTANBURG	SC	248	D	81.17	0.00	80.4	33.29 dB
NEW	SIX MILE	SC	249	D	0.00	0.00	90.0	-20.00 dB
NEW	MC, CORMICK	SC	249	LP100	112.32	24.00	155.2	27.86 dB
NEW	GREENWOOD	SC	249	LP100	93.75	24.00	139.9	22.49 dB
NEW	TRYON	NC	250	D	70.14	0.00	46.4	24.50 dB
NEW	LAKE TOXAWAY	NC	246	D	37.04	0.00	333.9	12.44 dB
NEW	LAKE JUNALUSKA	NC	250	D	82.17	0.00	353.5	34.56 dB
NEW	CLYDE	NC	252	D	82.17	0.00	353.4	39.33 dB
NEW	CHIMNEY ROCK	NC	249	D	87.81	0.00	35.7	20.80 dB
NEW	CHIMNEY ROCK	NC	248	D	87.81	0.00	35.7	21.75 dB
NEW	BALFOUR	NC	247	D	64.64	0.00	26.4	27.40 dB
NEW	TOCCOA	GA	249	D	57.59	0.00	243.3	6.60 dB
NEW	HARTWELL	GA	249	D	50.87	0.00	199.2	6.23 dB
NEW	HARTWELL	GA	248	D	50.87	0.00	199.2	20.23 dB
NEW	GAINESVILLE	GA	249	D	106.92	0.00	238.5	25.11 dB
NEW	DULUTH	GA	249	LP100	153.92	24.00	232.8	36.31 dB
NEW	COMMERCE	GA	248	D	90.64	0.00	219.3	34.64 dB
970915TG	BREVARD	NC	248	D	40.15	0.00	16.3	10.74 dB
	SENECA	SC	251	C0	23.23	0.00	226.1	21.97 dB
	SENECA	SC	251	C	23.23	0.00	226.1	21.97 dB
	ELBERTON	GA	249	C2	102.56	0.00	177.3	26.93 dB

Six Mile SC Transmitter Report

CALL FORMAT LATITUDE	ST ARN LONGITUDE	CITY	FREQ OWNER HAAT:m AMSL:m	CHN	CL	ERP	STAT
NEW Unknown or 34-49-57.0	SC New CP N 82-48-14.0 W	SIX MILE BNPFT20030317KVB 224.278	97.70000 TABERNACLE 514.000		D	10.00	APP BAPTIST COLLEGE
WPEG Unknown or 35-21-44.0	NC New CP N 81-09-19.0 W	CONCORD BLH19901207KC 492.139	97.90000 INFINITY RADIO 727.000		C	94000.00	LIC SUBSIDIARY OPERATIONS INC.
WPEG Unknown or 35-13-57.0	NC New CP N 81-16-35.0 W	CONCORD BXP20020708AAO 258.861	97.90000 INFINITY RADIO 504.000		C	20000.00	CP SUBSIDIARY OPERATIONS INC.
WMGZ Unknown or 33-20-41.0	GA New CP N 83-13-41.0 W	EATONTON BLH19991018ABS 169.338	97.70000 MIDDLE GEORGIA 315.000		C3	8500.00	LIC COMMUNICATIONS, INC.
WKBC-FM Unknown or 36-04-34.0	NC New CP N 81-07-43.0 W	NORTH WILKESBORO BLH19970711KA 398.069	97.30000 WILKES BROADCASTING 803.000		C	100000.00	LIC COMPANY, INC.
WJXB-FM Unknown or 36-00-36.0	TN New CP N 83-55-57.0 W	KNOXVILLE BLH19890928KC 396.486	97.50000 SOUTH CENTRAL 706.000		C	96000.00	LIC COMMUNICATIONS CORP.
WHZT Unknown or 34-41-15.0	SC New CP N 82-59-13.0 W	SENECA BLH19980629KB 305.875	98.10000 CXR HOLDINGS, INC. 554.000		C	100000.00	LIC
WHZT Unknown or 34-41-11.0	SC New CP N 82-59-27.0 W	SENECA 20.069	98.10000 CXR HOLDINGS, INC. 270.000		C	0.00	USE
WFOX Unknown or 34-07-32.0	GA New CP N 83-51-32.0 W	GAINESVILLE BLH19970703KD 340.618	97.10000 COX RADIO, INC. 654.000		C	98000.00	LIC
WFOX Unknown or 34-07-32.0	GA New CP N 83-51-32.0 W	GAINESVILLE BLH19980825KB 483.618	97.10000 COX RADIO, INC. 797.000		C	98000.00	LIC
WCOS-FM Unknown or 34-08-23.0	SC New CP N 81-03-22.0 W	COLUMBIA BLH19900927KC 298.985	97.50000 CAPSTAR TX 392.000		C1	100000.00	LIC LIMITED PARTNERSHIP
W249AR Unknown or 35-35-23.0	NC New CP N 82-40-26.0 W	ASHEVILLE BLFT20000811AAU 340.597	97.70000 ENTERCOM 1089.000		D	100.00	LIC GREENVILLE LICENSE, LLC
W249AH Unknown or 36-19-27.0	TN New CP N 82-20-33.0 W	JOHNSON CITY BLFT19990929ABO 114.833	97.70000 HOLSTON VALLEY 659.000		D	250.00	LIC BROADCASTING CORP.
W247AB Unknown or 34-51-07.0	SC New CP N 82-24-00.0 W	GREENVILLE BLFT19930907TD 75.264	97.30000 ISOTHERMAL 367.000		D	19.00	LIC COMMUNITY COLLEGE
W237AR Unknown or 35-27-43.0	NC New CP N 83-06-26.0 W	HAZELWOOD, ETC. BMJPFT20030314CHS 709.014	97.10000 WESTERN NORTH CAROLINA 1852.000		D	62.00	APP PUBLIC RADIO

Six Mile SC Transmitter Report

NEW	TN	GREENVILLE	97.70000	D	10.00	APP
Unknown or	New CP	BNPFT20030310AGM	POSITIVE	ALTERNATIVE RADIO, INC.		
36-10-23.0	N	82-48-46.0 W	88.153	526.000		
NEW	SC	SPARTANBURG	97.50000	D	38.00	APP
Unknown or	New CP	BNPFT20030317GRK	TED A MCCALL			
34-57-01.0	N	81-55-39.0 W	42.750	269.000		
NEW	SC	MC,CORMICK	97.70000	LP100	100.00	APP
Unknown or	New CP	BNPL20010122AGF	FUTURE	MARINE YOUTH CADET ASSOCIATION		
33-54-48.0	N	82-17-30.0 W	22.647	150.000		
NEW	SC	GREENWOOD	97.70000	LP100	100.00	APP
Unknown or	New CP	BNPL20010117ABU	SOUTH CAROLINA MASS CHOIR ,INC			
34-11-08.0	N	82-08-49.0 W	13.971	180.000		
NEW	NC	TRYON	97.90000	D	10.00	APP
Unknown or	New CP	BNPFT20030314CIC	WESTERN NORTH CAROLINA PUBLIC RADIO, INC.			
35-15-58.0	N	82-14-40.0 W	568.833	998.000		
NEW	NC	LAKE TOXAWAY	97.10000	D	9.00	APP
Unknown or	New CP	BNPFT20030312ANI	CHARISMA RADIO CORP.			
35-07-55.0	N	82-59-00.0 W	537.708	1465.000		
NEW	NC	LAKE JUNALUSKA	97.90000	D	4.00	APP
Unknown or	New CP	BNPFT20030317AGQ	FRANK G. MCCOY			
35-34-06.0	N	82-54-25.0 W	476.444	1387.000		
NEW	NC	CLYDE	98.30000	D	10.00	APP
Unknown or	New CP	BNPFT20030317EPV	GEORGIA-CAROLINA RADIOCASTING COMPANY, LLC			
35-34-05.5	N	82-54-28.1 W	466.097	1377.000		
NEW	NC	CHIMNEY ROCK	97.70000	D	8.00	APP
Unknown or	New CP	BNPFT20030312AQR	FRANK G. MCCOY			
35-28-23.0	N	82-14-16.0 W	434.208	1064.000		
NEW	NC	CHIMNEY ROCK	97.50000	D	8.00	APP
Unknown or	New CP	BNPFT20030312AQR	FRANK G. MCCOY			
35-28-23.0	N	82-14-16.0 W	1478.208	2108.000		
NEW	NC	BALFOUR	97.30000	D	10.00	APP
Unknown or	New CP	BNPFT20030312ARH	FRANK G. MCCOY			
35-21-13.0	N	82-29-12.0 W	1002.361	1710.000		
NEW	GA	TOCCOA	97.70000	D	10.00	APP
Unknown or	New CP	BNPFT20030317GLI	RADIO ASSIST MINISTRY, INC.			
34-35-56.6	N	83-21-55.4 W	182.181	526.000		
NEW	GA	HARTWELL	97.70000	D	13.00	APP
Unknown or	New CP	BNPFT20030317GJF	RADIO ASSIST MINISTRY, INC.			
34-23-57.9	N	82-59-10.0 W	113.389	342.000		
NEW	GA	HARTWELL	97.50000	D	13.00	APP
Unknown or	New CP	BNPFT20030317GIX	RADIO ASSIST MINISTRY, INC.			
34-23-57.9	N	82-59-10.0 W	113.389	342.000		
NEW	GA	GAINESVILLE	97.70000	D	10.00	APP
Unknown or	New CP	BNPFT20030317GIK	RADIO ASSIST MINISTRY, INC.			
34-19-36.6	N	83-47-45.4 W	186.897	523.000		
NEW	GA	DULUTH	97.70000	LP100	100.00	APP
Unknown or	New CP	BNPL20000608AGB	DULUTH CHRISTIAN RADIO			
33-59-21.0	N	84-08-00.0 W	11.838	310.000		

Six Mile SC Transmitter Report

NEW	GA	COMMERCE	97.50000	D	10.00	APP
Unknown or	New	CP BNPFT20030317GHQ	RADIO ASSIST MINISTRY, INC.			
34-12-00.6	N	83-25-44.4 W 142.853	393.000			
970915TG	NC	BREVARD	97.50000	D	10.00	APP
Unknown or	New	CP BPFT19970915TG	RADIO TRAINING NETWORK			
35-10-47.0	N	82-40-47.0 W 414.361	1177.000			
Unknown or	SC	SENECA	98.10000	C0	0.00	APP
34-41-15.0	N	82-59-13.0 W 11.875	260.000			
Unknown or	SC	SENECA	98.10000	C	0.00	APP
34-41-15.0	N	82-59-13.0 W 11.875	260.000			
Unknown or	GA	ELBERTON	97.70000	C2	0.00	APP
33-54-32.0	N	82-45-07.0 W 13.750	160.000			

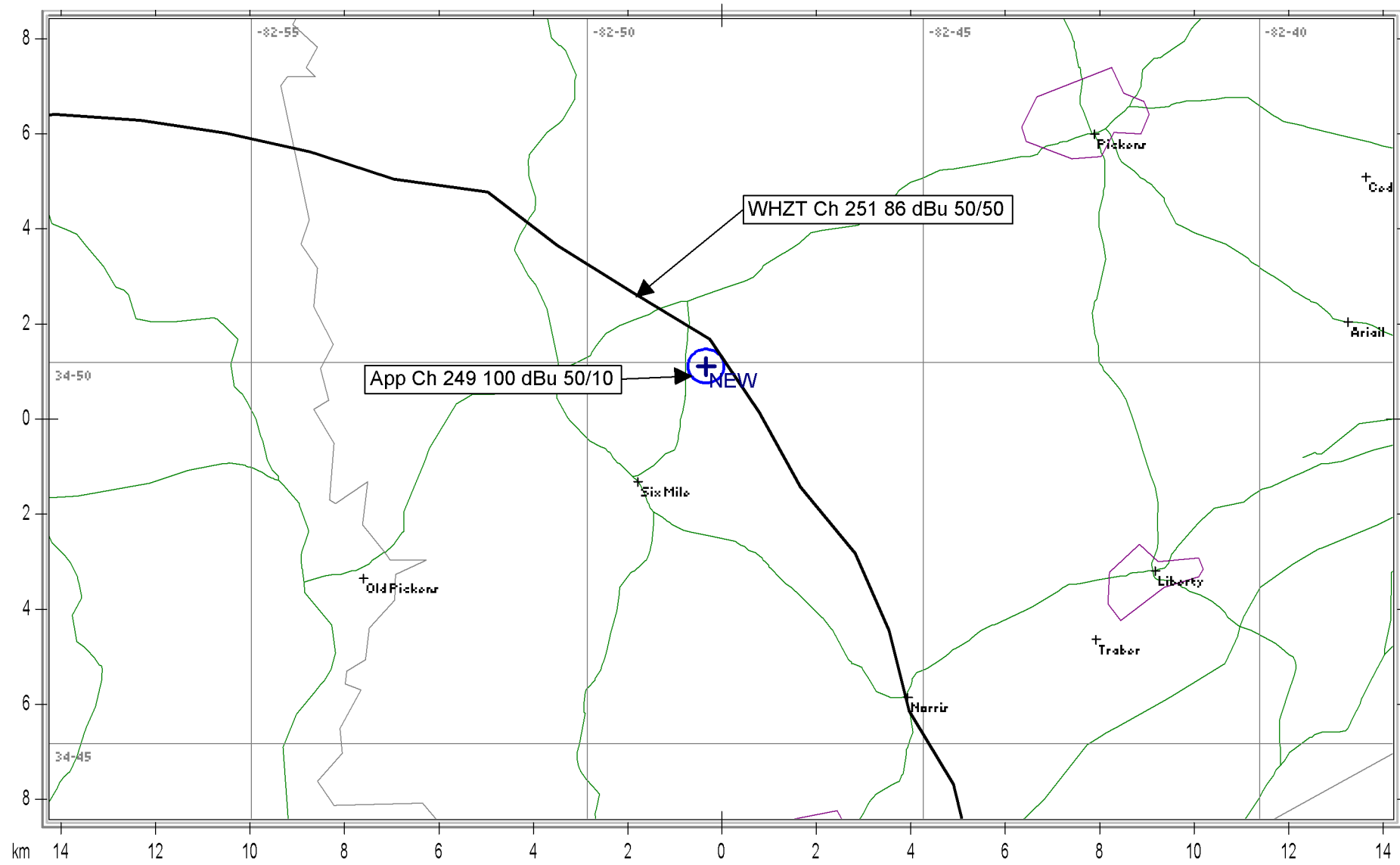
Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dbu contour of second adjacent channel station WHZT channel 251C, Seneca, SC. The predicted F(50-50) field strength of WHZT at the proposed translator site is >86 dBu, see Exhibit 12 A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 126 dBu. This interfering contour extends less than 11 meters in the horizontal plane and much less at angles more than 25 degrees below the horizon from the proposed transmit antenna.

To reduce the possibility of this translator causing interference to WHZT, Tabernacle Baptist College proposes to use a Dielectric DCRL-2C75 two bay .75 wave spaced antenna to reduce signal levels in areas near our transmitter site. The attached table shows the predicted signal levels under the antenna. The area of overlap does not reach the ground and is unpopulated.

Therefore, Tabernacle Baptist College respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference. If the Commission needs any more information, Tabernacle Baptist College will be happy to provide it.

WTBI-FM Trans Six Mile 249 97.7



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