EXHIBIT 4
VICTORY CHRISTIAN CENTER, INCORPORATED

RESPONSE TO FCC FORM 301, V[13]
REQUEST FOR PROCESSING UNDER 73.215 OF THE RULES

Victory Christian Center, Incorporated requests processing under 73.215 of the Rules. The permitted short-spacing arises because the desired site is 1.0 km short-spaced to WZNS Dillon, SC. A short-spaced site is needed as investigation of fully-spaced sites are presently occupied by other structures, are well below the local average terrain, or are exhorbitantly priced.

Rule 73.215 specifies the manner in which the study is to be presented. The attached information in this Exhibit fully complies with 73.215.

Figure 1 is a standard 73.207 showing verifying that the only short spaced allotment or operation is that of WZNS. The FCC database also lists an application (BPH-881101MI) that seeks facilities of WZNS. Also listed on page 3 of Figure 1 is an experimental authorisation (WYHC) on the cochannel. Experimental authorisations are not to be considered in 73.215 cases.

A directive antenna was designed to protect the relevant WZNS and proposed contours. Its tabulation, on a degree by degree method, is in Figure 2. The relevant contours are the F(50,10) 54 dBuV contour and the normally protected F(50,50) 60 dBuV contour. Distances to these contours for WZNS and the proposal are in Figure 3 (service) and Figure 4 (interference) for the proposal, and Figure 5 for WZNS. Figure 5 also winds up with a 1 degree radiation limit study. (The references to WHYC should be ignored).

The WZNS 60 dBuV contour is 45+ km from the proposed 54 dBuV contour. The proposed 60 dBuV contour approaches the WZNS 54 dBuV contour within 0.5 kilometers. This study amply demonstrates full contour protection as is meant in 73.215. The required map is in Figure 6.

WZNS was considered to be at their transmitter site now, but with the 8-radial HAAT at 600 meters (maximum C) instead of their licensed 549 meters.

The proposal 881101MI seeks WZNS' facilities, and is therefore equivalent to WZNS for a 73.215 comparison.

In conclusion, the proposed operation will use a mild directional antenna to fully satisfy the contour protection requirement of 73.215.

NOTE: Full scale map is a photoreduced, custom 1:500000 Dataworld plot
Expanded study is a photoreduced Charlotte, NC 1:250000 topo quadrangle (USGS)

Lambert & Anthony
Concord, North Carolina

June 26, 1992

FM Spacing study

Title: Victory Christian Center, Inc.
Channel 224A (92.7 MHz)
Database: FCC 05/26/92

Latitude: 35-16-40
Longitude: 80-44-26
Safety zone: 30 km

Call / City of License	Auth	Licensee name / St FCC File no.	Chan / Freq	ERP-kW / EAH-m	Latitude / Longitude	Br-to -from	Dist. (km)	Req. (km)	
ALLOC			221A		35-45-09	301.0	103.4	31	
Morganton		NC	92.1		81-43-19	120.4	72.44	CLEAR	
Coordinates updated from LIC record			BLH890515KA						
ALLOC			222C		35-49-59	52.8	102.7	95	
Asheboro		NC	92.3		79-50-02	233.3	7.729	CLOSE	
Coordinates updated from LIC record			BLH851227KB						
WKRR	LIC	Dick B/Cng Co.,Inc of No	222C	100DA	35-49-59	52.8	102.7	95	
Asheboro		NC BLH-851227KB	92.3	393	79-50-02	233.3	7.729	CLOSE	
DA: oddball ODD851227KB @ 0 deg									
WESC-FM	LIC	B/Casting Company of the	223C	100	35-08-16	265.3	170.8	165	
Greenville		SC BLH-800811AB	92.5	610BT	82-36-31	84.2	5.811	CLOSE	
ALLOC			223C		35-08-16	265.3	170.8	165	
Greenville		SC	92.5		82-36-31	84.2	5.811	CLOSE	
Coordinates updated from LIC record			BLH800811AB						
NEW	APC	Toddjon, Inc.	224A	6	35-17-30	319.1	2.041	115	* NOTE 1
Harrisburg		NC 920327MI	92.7	100	80-45-19	139.1	-113	SHORT	
Untimely Filed									
NEW	APC	Victory Christian Center	224A	6	35-17-22	306.3	2.192	115	
Harrisburg		NC 920326MA	92.7	100	80-45-36	126.3	-113	SHORT	
NEW	APC	Saturday Communications	224A	6	35-16-20	254.5	2.309	115	* NOTE 1
Harrisburg		NC 920327ML	92.7	100	80-45-54	74.4	-113	SHORT	
Untimely Filed									
NEW	APC	James E. Martin, Jr.	224A	5.30	35-16-20	254.5	2.309	115	
Harrisburg		NC 920326MB	92.7	106	80-45-54	74.4	-113	SHORT	
ALLOC			224A		35-20-28	32.2	8.314	115	* NOTE 2
Harrisburg		NC DOC-89-594	92.7		80-41-30	212.2	-107	SHORT	
Filing window 02/25-03/26/92 **CLOSED** ; Site Restricted-Effective 2-24-1992									
NEW	APC	Clayton Broadcasting Cor	225C	100	34-21-53	127.9	164.0	165	* NOTE 3
Dillon		SC BPH-881101MI	92.9	549	79-19-49	308.7	-.97	SHORT	
Cut-off 08/28/89; Mx with Renewal of WZNS									
WZNS	LIC	Resort Broadcasters of D	225C	100	34-21-53	127.9	164.0	165	
Dillon		SC BLH-860811KB	92.9	549	79-19-49	308.7	-.97	SHORT	
ALLOC			225C		34-21-53	127.9	164.0	165	
Dillon		SC	92.9		79-19-49	308.7	-.97	SHORT	
Coordinates updated from LIC record			BLH860811KB						

FM Spacing study

Title: Victory Christian Center, Inc.
Channel 224A (92.7 MHz)

Latitude: 35-16-40
Longitude: 80-44-26

Call City of License	Auth St	Licensee name FCC File no.	Chan Freq	ERP-kW EAH-m	Latitude Longitude	Br-to -from	Dist. (km)	Req. (km)
ALLOC			226C		36-16-33	32.8	132.3	95
Winston-Salem	NC		93.1		79-56-27	213.3	37.25	CLEAR
Coordinates updated from		LIC record	BLH880310KA					
ALLOC			227C		35-16-19	270.2	135.8	95
Forest City	NC		93.3		82-14-00	89.3	40.82	CLEAR
Coordinates updated from		LIC record	BLH871214KB					
NEW	APC	Gateway Media Limited Pa	277A	.86	35-58-24	316.6	106.8	10
Lenoir	NC	BPH-890616MN	103.3	185	81-33-22	136.1	96.83	CLEAR
DOC-90-430; Cut-off 05/04/90								
ALLOC			278C3		34-09-28	225.9	177.8	12
Greenwood	SC	DOC-89-404	103.5		82-07-42	45.1	165.8	CLEAR
Site Restricted-Effective 1-10-91-RSVD For WMTYFM Per D89-404								

>> End of channel 224A study <<

NOTES

1. The notation "UNTIMELY FILED" on the Toddjon and Saturday Communications applications is an artifact from the Commission's database (NTIS tape)
2. This is the subject allotment
3. This application is dismissed. It requested the facilities of WZNS Dillon.

FM Spacing study

Title: Victory Christian Center, Inc.
Channel 224A (92.7 MHz)
Database: DW 06/23/92

Latitude: 35-16-40
Longitude: 80-44-26
Safety zone: 30 km

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Call    Auth Licensee name              Chan ERP-kW  Latitude Br-to  Dist. Req.
City of License        St FCC File no.  Freq EAH-m  Longitude -from  (km)  (km)
==============================================================================
WQXX    LIC  COOPER BROADCASTING COMP  221A     6   35-45-09 301.0 103.4    31
MORGANTON              NC BMLH-900123KC  92.1  100   81-43-19 120.4 72.44 CLEAR
License Granted 11/28/90 per FCC release #21005 dated 12/06/90;
Affiliated with WMNC(AM)

WKRR    LIC  DICK BROADCASTING CO INC  222C   100DA 35-49-59  52.8 102.7    95
ASHEBORO               NC BLH-851227KB   92.3  393   79-50-02 233.3 7.729 CLOSE
License Granted 08/17/90 per FCC release #20933 dated 08/23/90

WESC-FM LIC  BCG COMPANY OF THE CAROL  223C   100   35-08-16 265.3 170.8   165
GREENVILLE             SC BLH-800811AB   92.5  610   82-36-31  84.2 5.811 CLOSE
Affiliated with WESC(AM)

ALLOC                                  224A         35-20-28  32.2 8.314   115  NOTE 1
HARRISBURG             NC DOC-89-594     92.7        80-41-30 212.2  -107 SHORT
Granted effective 02/24/92, adopted 12/31/91, released 01/09/92;
Filing window 02/25-03/26/92 **CLOSED** ; SITE RESTRICTION 2.7 MI NW

WYHC    CP   MHS HOLDINGS LIMITED PAR  224A   .08DA 35-16-37 269.4 8.493   115  NOTE 2
CHARLOTTE              NC BPEX-891218MK  92.7   41   80-50-02  89.3  -107 SHORT
CP Granted 10/29/91 per FCC release #21244 dated 11/06/91;
Call Granted 12/13/91 per FCC release #173 dated 12/20/91;
DA: Scala CL-FM @ 0 deg

WZNS    LIC  KAT BROADCASTING CORPORA  225C   100   34-21-53 127.9 164.0   165
DILLON                 SC BLH-860811KB   92.9  549   79-19-49 308.7  -.97 SHORT
Was WDSC-FM 03/01/86; Affiliated with WDSC(AM)

WMQX-FM LIC  RALPH C GUILD             226C   100   36-16-33  32.8 132.3    95
WINSTON-SALEM          NC BLH-880310KA   93.1  335BT 79-56-27 213.3 37.25 CLEAR
Was WSEZ 02/23/87; Affiliated with WMQX(AM)

WBBO-FM LIC  RUTHERFORD COUNTY RADIO   227C  92.9   35-16-19 270.2 135.8    95
FOREST CITY            NC BLH-871214KB   93.3  619   82-14-00  89.3 40.82 CLEAR
Affiliated with WWOL(AM)

NEW     APP  MARIA M OCHOA             277A   .74   35-58-30 316.9 106.6    10
LENOIR                 NC BPH-890615ME  103.3  204   81-32-58 136.4 96.55 CLEAR
Accepted per FCC release #NA-120 dated 03/30/90; Initial Decision to Deny,
adopted 02/28/92, released 03/09/92; Hearing DOC-90-430, adopted 09/18/90,
released 11/29/90

WMTY-FM ORD  UNITED COMMUNITY ENTERPR  278C3        34-09-28 225.9 177.8    12
GREENWOOD              SC               103.5       82-07-42  45.1 165.8 CLEAR
DOC-89-404; ORDERED FROM 278A; Call Granted 03/09/89
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>> End of channel 224A study <<

NOTE 1 - This is the subject allotment

NOTE 2 - This is an application for experimental (secondary) authority. It may have been moved to 93.3 or 98.9 per December 26, 1992 NTIS tape

HAAT and ERP values for study site

Title: Victory Christian Center
ERP: 6 kW
HAAT: 100.0 m
Latitude: 35-16-40
Longitude: 80-44-26

User-defined directional antenna pattern

Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)
0	106	1	6	45	123	1	6	90	118	.933	5.22	135	100	.856	4.4
1	106	1	6	46	123	1	6	91	117	.93	5.19	136	99	.859	4.43
2	106	1	6	47	123	1	6	92	117	.927	5.15	137	99	.862	4.46
3	106	1	6	48	123	1	6	93	116	.924	5.12	138	98	.865	4.49
4	108	1	6	49	123	1	6	94	116	.92	5.08	139	98	.868	4.52
5	110	1	6	50	123	1	6	95	115	.917	5.05	140	98	.871	4.55
6	112	1	6	51	123	1	6	96	115	.914	5.01	141	97	.874	4.58
7	112	1	6	52	123	1	6	97	116	.911	4.98	142	97	.877	4.61
8	111	1	6	53	123	1	6	98	116	.908	4.94	143	97	.88	4.65
9	110	1	6	54	123	1	6	99	115	.905	4.91	144	96	.883	4.68
10	110	1	6	55	123	1	6	100	114	.901	4.88	145	96	.886	4.71
11	110	1	6	56	123	1	6	101	112	.898	4.84	146	96	.889	4.74
12	111	1	6	57	124	1	6	102	111	.895	4.81	147	96	.892	4.78
13	111	1	6	58	125	1	6	103	110	.892	4.78	148	97	.895	4.81
14	112	1	6	59	126	1	6	104	110	.889	4.74	149	97	.898	4.84
15	112	1	6	60	126	1	6	105	109	.886	4.71	150	98	.901	4.88
16	112	1	6	61	126	1	6	106	109	.883	4.68	151	98	.905	4.91
17	112	1	6	62	125	1	6	107	109	.88	4.65	152	98	.908	4.94
18	112	1	6	63	125	1	6	108	109	.877	4.61	153	98	.911	4.98
19	112	1	6	64	125	1	6	109	109	.874	4.58	154	98	.914	5.01
20	112	1	6	65	125	1	6	110	109	.871	4.55	155	98	.917	5.05
21	112	1	6	66	126	1	6	111	109	.868	4.52	156	98	.92	5.08
22	113	1	6	67	126	1	6	112	110	.865	4.49	157	97	.924	5.12
23	113	1	6	68	126	1	6	113	110	.862	4.46	158	96	.927	5.15
24	114	1	6	69	126	1	6	114	110	.859	4.43	159	96	.93	5.19
25	114	1	6	70	126	1	6	115	110	.856	4.4	160	95	.933	5.22
26	114	1	6	71	126	.996	5.96	116	110	.853	4.37	161	95	.936	5.26
27	115	1	6	72	126	.993	5.92	117	110	.85	4.34	162	95	.94	5.3
28	116	1	6	73	125	.99	5.88	118	110	.847	4.31	163	96	.943	5.33
29	116	1	6	74	125	.986	5.84	119	110	.844	4.28	164	95	.946	5.37
30	117	1	6	75	124	.983	5.8	120	110	.841	4.25	165	95	.949	5.41
31	118	1	6	76	124	.979	5.76	121	110	.841	4.25	166	95	.953	5.45
32	118	1	6	77	123	.976	5.72	122	110	.841	4.25	167	95	.956	5.48
33	119	1	6	78	122	.973	5.68	123	109	.841	4.25	168	96	.959	5.52
34	119	1	6	79	121	.969	5.64	124	109	.841	4.25	169	97	.963	5.56
35	120	1	6	80	121	.966	5.6	125	109	.841	4.25	170	97	.966	5.6
36	121	1	6	81	120	.963	5.56	126	108	.841	4.25	171	98	.969	5.64
37	121	1	6	82	120	.959	5.52	127	108	.841	4.25	172	98	.973	5.68
38	121	1	6	83	120	.956	5.48	128	107	.841	4.25	173	98	.976	5.72
39	121	1	6	84	119	.953	5.45	129	107	.841	4.25	174	97	.979	5.76
40	121	1	6	85	119	.949	5.41	130	105	.841	4.25	175	97	.983	5.8
41	121	1	6	86	119	.946	5.37	131	104	.844	4.28	176	96	.986	5.84
42	122	1	6	87	119	.943	5.33	132	103	.847	4.31	177	95	.99	5.88
43	122	1	6	88	119	.94	5.3	133	101	.85	4.34	178	94	.993	5.92
44	123	1	6	89	118	.936	5.26	134	101	.853	4.37	179	93	.996	5.96

HAAT and ERP values for study site

Title: Victory Christian Center
ERP: 6 kW
HAAT: 100.0 m
Latitude: 35-16-40
Longitude: 80-44-26

User-defined directional antenna pattern

Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)	Az. deg	HAAT (m)	Rel fld	ERP (kW)
180	93	1	6	225	96	1	6	270	85	1	6	315	81	1	6
181	92	1	6	226	94	1	6	271	84	1	6	316	81	1	6
182	93	1	6	227	93	1	6	272	84	1	6	317	81	1	6
183	93	1	6	228	92	1	6	273	84	1	6	318	81	1	6
184	93	1	6	229	90	1	6	274	84	1	6	319	81	1	6
185	93	1	6	230	89	1	6	275	85	1	6	320	82	1	6
186	92	1	6	231	89	1	6	276	85	1	6	321	83	1	6
187	91	1	6	232	88	1	6	277	84	1	6	322	84	1	6
188	89	1	6	233	87	1	6	278	83	1	6	323	85	1	6
189	88	1	6	234	87	1	6	279	82	1	6	324	86	1	6
190	87	1	6	235	87	1	6	280	81	1	6	325	87	1	6
191	86	1	6	236	86	1	6	281	79	1	6	326	88	1	6
192	86	1	6	237	87	1	6	282	78	1	6	327	88	1	6
193	86	1	6	238	87	1	6	283	77	1	6	328	88	1	6
194	87	1	6	239	88	1	6	284	77	1	6	329	88	1	6
195	88	1	6	240	88	1	6	285	77	1	6	330	90	1	6
196	89	1	6	241	88	1	6	286	77	1	6	331	91	1	6
197	90	1	6	242	88	1	6	287	78	1	6	332	92	1	6
198	92	1	6	243	88	1	6	288	79	1	6	333	92	1	6
199	93	1	6	244	88	1	6	289	79	1	6	334	92	1	6
200	93	1	6	245	89	1	6	290	80	1	6	335	92	1	6
201	94	1	6	246	89	1	6	291	80	1	6	336	92	1	6
202	95	1	6	247	88	1	6	292	81	1	6	337	92	1	6
203	95	1	6	248	88	1	6	293	81	1	6	338	92	1	6
204	95	1	6	249	88	1	6	294	81	1	6	339	92	1	6
205	95	1	6	250	87	1	6	295	82	1	6	340	92	1	6
206	94	1	6	251	87	1	6	296	82	1	6	341	93	1	6
207	94	1	6	252	86	1	6	297	82	1	6	342	93	1	6
208	94	1	6	253	86	1	6	298	81	1	6	343	94	1	6
209	95	1	6	254	86	1	6	299	81	1	6	344	94	1	6
210	96	1	6	255	86	1	6	300	81	1	6	345	95	1	6
211	97	1	6	256	85	1	6	301	81	1	6	346	95	1	6
212	99	1	6	257	85	1	6	302	82	1	6	347	96	1	6
213	101	1	6	258	85	1	6	303	83	1	6	348	96	1	6
214	103	1	6	259	85	1	6	304	83	1	6	349	96	1	6
215	104	1	6	260	85	1	6	305	83	1	6	350	97	1	6
216	104	1	6	261	86	1	6	306	83	1	6	351	98	1	6
217	103	1	6	262	87	1	6	307	82	1	6	352	98	1	6
218	102	1	6	263	87	1	6	308	82	1	6	353	99	1	6
219	101	1	6	264	87	1	6	309	81	1	6	354	100	1	6
220	100	1	6	265	87	1	6	310	81	1	6	355	101	1	6
221	100	1	6	266	87	1	6	311	81	1	6	356	101	1	6
222	99	1	6	267	86	1	6	312	81	1	6	357	102	1	6
223	98	1	6	268	86	1	6	313	81	1	6	358	104	1	6
224	97	1	6	269	85	1	6	314	81	1	6	359	105	1	6

VICTORY CHRISTIAN CENTER, INC
NEW FM HARRISBURG, NC
EXHIBIT 4 FIGURE 2

Service contours based on FCC F(50,50) curves

Title: Victory Christian Center
Channel: 224 C/R 305.9 meters (1003.6 feet) A.M.S.L.
Latitude: 35-16-40
Longitude: 80-44-26

	Bearing (degrees)	HAAT (meters) (feet)	ERP (kiloWatts) (dBk)	70 dBu (3.16 mV/m) contour	60 dBu (1 mV/m) contour	54 dBu (.50 mV/m) contour
	.0	105.8	6.000	16.7 km	29.1 km	39.6 km
*	5.0	110.2	6.000	17.1 km	29.6 km	40.3 km
*	10.0	109.9	6.000	17.1 km	29.6 km	40.3 km
*	15.0	111.7	6.000	17.2 km	29.8 km	40.5 km
*	20.0	111.7	6.000	17.2 km	29.8 km	40.5 km
*	25.0	113.7	6.000	17.4 km	30.0 km	40.8 km
*	30.0	116.9	6.000	17.7 km	30.4 km	41.2 km
*	35.0	120.1	6.000	17.9 km	30.7 km	41.7 km
*	40.0	121.0	6.000	18.0 km	30.8 km	41.8 km
	45.0	122.9	6.000	18.1 km	31.1 km	42.0 km
*	50.0	122.7	6.000	18.1 km	31.0 km	42.0 km
*	55.0	122.9	6.000	18.1 km	31.1 km	42.0 km
*	60.0	125.7	6.000	18.3 km	31.4 km	42.4 km
*	65.0	125.4	6.000	18.3 km	31.3 km	42.3 km
*	70.0	126.2	6.000	18.4 km	31.4 km	42.5 km
*	75.0	124.1	5.798	18.0 km	30.9 km	41.9 km
*	80.0	120.5	5.599	17.6 km	30.3 km	41.2 km
*	85.0	119.0	5.411	17.3 km	29.9 km	40.7 km
	90.0	117.5	5.226	17.1 km	29.5 km	40.2 km
*	95.0	115.4	5.050	16.7 km	29.0 km	39.7 km
*	100.0	113.8	4.877	16.4 km	28.7 km	39.2 km
*	105.0	109.4	4.713	15.9 km	27.9 km	38.3 km
*	110.0	109.0	4.551	15.7 km	27.7 km	37.9 km
*	115.0	109.9	4.398	15.7 km	27.6 km	37.8 km
*	120.0	110.2	4.248	15.5 km	27.4 km	37.6 km
*	125.0	108.7	4.248	15.4 km	27.2 km	37.3 km
*	130.0	105.4	4.248	15.2 km	26.8 km	36.8 km
	135.0	99.7	4.398	14.8 km	26.4 km	36.2 km
*	140.0	97.6	4.551	14.8 km	26.3 km	36.1 km
*	145.0	96.2	4.713	14.8 km	26.3 km	36.2 km
*	150.0	97.8	4.877	15.1 km	26.7 km	36.7 km
*	155.0	98.0	5.050	15.3 km	27.0 km	37.0 km
*	160.0	95.4	5.226	15.2 km	26.8 km	36.8 km
*	165.0	94.9	5.411	15.3 km	27.0 km	37.0 km
*	170.0	97.3	5.599	15.6 km	27.5 km	37.7 km
*	175.0	96.6	5.798	15.7 km	27.6 km	37.9 km
	180.0	92.6	6.000	15.5 km	27.3 km	37.4 km
*	185.0	92.6	6.000	15.5 km	27.3 km	37.4 km
*	190.0	87.1	6.000	15.0 km	26.5 km	36.4 km
*	195.0	88.1	6.000	15.1 km	26.7 km	36.6 km
*	200.0	93.5	6.000	15.6 km	27.4 km	37.6 km
*	205.0	94.7	6.000	15.7 km	27.6 km	37.8 km
*	210.0	95.9	6.000	15.8 km	27.8 km	38.0 km
*	215.0	103.7	6.000	16.5 km	28.8 km	39.3 km
*	220.0	100.2	6.000	16.2 km	28.3 km	38.8 km
	225.0	95.6	6.000	15.8 km	27.7 km	38.0 km
*	230.0	89.5	6.000	15.2 km	26.9 km	36.9 km
*	235.0	86.5	6.000	14.9 km	26.4 km	36.3 km

Service contours based on FCC F(50,50) curves

Title: Victory Christian Center
Channel: 224 C/R 305.9 meters (1003.6 feet) A.M.S.L.
Latitude: 35-16-40
Longitude: 80-44-26

	Bearing (degrees)	HAAT (meters) (feet)	ERP (kiloWatts) (dBk)	70 dBu (3.16 mV/m) contour	60 dBu (1 mV/m) contour	54 dBu (.50 mV/m) contour
*	240.0	88.3	6.000	15.1 km	26.7 km	36.7 km
*	245.0	88.6	6.000	15.1 km	26.7 km	36.7 km
*	250.0	87.0	6.000	14.9 km	26.5 km	36.4 km
*	255.0	85.8	6.000	14.8 km	26.3 km	36.2 km
*	260.0	85.3	6.000	14.8 km	26.3 km	36.1 km
*	265.0	87.0	6.000	14.9 km	26.5 km	36.4 km
	270.0	84.8	6.000	14.7 km	26.2 km	36.0 km
*	275.0	84.9	6.000	14.7 km	26.2 km	36.0 km
*	280.0	81.0	6.000	14.4 km	25.6 km	35.2 km
*	285.0	76.6	6.000	14.0 km	25.0 km	34.3 km
*	290.0	79.9	6.000	14.3 km	25.5 km	35.0 km
*	295.0	81.5	6.000	14.4 km	25.7 km	35.3 km
*	300.0	80.9	6.000	14.4 km	25.6 km	35.2 km
*	305.0	83.2	6.000	14.6 km	25.9 km	35.7 km
*	310.0	80.8	6.000	14.4 km	25.6 km	35.2 km
	315.0	81.1	6.000	14.4 km	25.6 km	35.3 km
*	320.0	81.8	6.000	14.4 km	25.7 km	35.4 km
*	325.0	86.7	6.000	14.9 km	26.5 km	36.4 km
*	330.0	89.6	6.000	15.2 km	26.9 km	36.9 km
*	335.0	92.4	6.000	15.5 km	27.3 km	37.4 km
*	340.0	92.4	6.000	15.5 km	27.3 km	37.4 km
*	345.0	94.7	6.000	15.7 km	27.6 km	37.8 km
*	350.0	97.0	6.000	15.9 km	27.9 km	38.2 km
*	355.0	100.5	6.000	16.2 km	28.4 km	38.8 km
	HAAT:	100.0 328.1				

Total Population (1986 Update): 60 dBuV: 572,786
Total Population (1990 Prelim): 60 dBuV: 616091

Area (Square km): 2442.9

Note: For 1990 Preliminary Data, these were extracted manually using a polar planimeter on the Charlotte Census Enumeration District maps. These figures may be subject to change pending outcome of litigation.

VICTORY CHRISTIAN CENTER, INC
NEW FM HARRISBURG NC
EXHIBIT 4 FIGURE 3
6/26/92

Interference contours based on FCC F(50,10) curves

Title: Victory Christian Center
Channel: 224 C/R 305.9 meters (1003.6 feet) A.M.S.L.
Latitude: 35-16-40
Longitude: 80-44-26

	Bearing (degrees)	HAAT (meters) (feet)	ERP (kiloWatts) (dBk)	100 dBu (100 mV/m) contour	54 dBu (.50 mV/m) contour	40 dBu (.10 mV/m) contour
	.0	105.8	6.000	> 2.9 km	44.9 km	87.6 km
*	5.0	110.2	6.000	> 2.9 km	45.7 km	88.3 km
*	10.0	109.9	6.000	> 2.9 km	45.6 km	88.3 km
*	15.0	111.7	6.000	> 2.9 km	45.9 km	88.6 km
*	20.0	111.7	6.000	> 2.9 km	45.9 km	88.6 km
*	25.0	113.7	6.000	> 3.0 km	46.2 km	88.9 km
*	30.0	116.9	6.000	> 3.0 km	46.7 km	89.4 km
*	35.0	120.1	6.000	> 3.0 km	47.2 km	89.9 km
*	40.0	121.0	6.000	> 3.0 km	47.3 km	90.0 km
	45.0	122.9	6.000	> 3.0 km	47.6 km	90.3 km
*	50.0	122.7	6.000	> 3.0 km	47.6 km	90.3 km
*	55.0	122.9	6.000	> 3.0 km	47.6 km	90.3 km
*	60.0	125.7	6.000	> 3.0 km	48.0 km	90.8 km
*	65.0	125.4	6.000	> 3.0 km	47.9 km	90.7 km
*	70.0	126.2	6.000	> 3.0 km	48.1 km	90.8 km
*	75.0	124.1	5.798	> 3.0 km	47.4 km	90.0 km
*	80.0	120.5	5.599	> 3.0 km	46.5 km	88.9 km
*	85.0	119.0	5.410	> 2.9 km	45.9 km	88.1 km
	90.0	117.5	5.225	> 2.9 km	45.3 km	87.4 km
*	95.0	115.4	5.049	> 2.8 km	44.6 km	86.5 km
*	100.0	113.8	4.876	> 2.8 km	44.0 km	85.7 km
*	105.0	109.4	4.712	> 2.7 km	42.9 km	84.5 km
*	110.0	109.0	4.551	> 2.7 km	42.5 km	83.9 km
*	115.0	109.9	4.398	> 2.7 km	42.3 km	83.5 km
*	120.0	110.2	4.247	> 2.7 km	42.0 km	83.0 km
*	125.0	108.7	4.247	> 2.7 km	41.7 km	82.8 km
*	130.0	105.4	4.247	> 2.6 km	41.1 km	82.2 km
	135.0	99.7	4.398	> 2.6 km	40.4 km	81.8 km
*	140.0	97.6	4.551	> 2.6 km	40.3 km	81.9 km
*	145.0	96.2	4.712	> 2.6 km	40.4 km	82.2 km
*	150.0	97.8	4.876	> 2.7 km	41.1 km	83.0 km
*	155.0	98.0	5.049	> 2.7 km	41.5 km	83.6 km
*	160.0	95.4	5.225	> 2.7 km	41.3 km	83.7 km
*	165.0	94.9	5.410	> 2.7 km	41.6 km	84.2 km
*	170.0	97.3	5.599	> 2.7 km	42.4 km	85.1 km
*	175.0	96.6	5.798	> 2.8 km	42.7 km	85.5 km
	180.0	92.6	6.000	> 2.7 km	42.2 km	85.4 km
*	185.0	92.6	6.000	> 2.7 km	42.2 km	85.4 km
*	190.0	87.1	6.000	> 2.7 km	40.9 km	84.4 km
*	195.0	88.1	6.000	> 2.7 km	41.1 km	84.6 km
*	200.0	93.5	6.000	> 2.8 km	42.4 km	85.6 km
*	205.0	94.7	6.000	> 2.8 km	42.6 km	85.8 km
*	210.0	95.9	6.000	> 2.8 km	42.9 km	86.0 km
*	215.0	103.7	6.000	> 2.9 km	44.5 km	87.3 km
*	220.0	100.2	6.000	> 2.8 km	43.8 km	86.7 km
	225.0	95.6	6.000	> 2.8 km	42.8 km	85.9 km
*	230.0	89.5	6.000	> 2.7 km	41.5 km	84.8 km
*	235.0	86.5	6.000	> 2.7 km	40.8 km	84.3 km

Note: Contour(s) prefixed by ">" computed using F(50,50) curves.

Interference contours based on FCC F(50,10) curves

Title: Victory Christian Center
Channel: 224 C/R 305.9 meters (1003.6 feet) A.M.S.L.
Latitude: 35-16-40
Longitude: 80-44-26

	Bearing (degrees)	HAAT (meters) (feet)	ERP (kiloWatts) (dBk)	100 dBu (100 mV/m) contour	54 dBu (.50 mV/m) contour	40 dBu (.10 mV/m) contour
*	240.0	88.3	6.000	> 2.7 km	41.2 km	84.6 km
*	245.0	88.6	6.000	> 2.7 km	41.3 km	84.7 km
*	250.0	87.0	6.000	> 2.7 km	40.9 km	84.4 km
*	255.0	85.8	6.000	> 2.7 km	40.6 km	84.2 km
*	260.0	85.3	6.000	> 2.7 km	40.5 km	84.1 km
*	265.0	87.0	6.000	> 2.7 km	40.9 km	84.4 km
	270.0	84.8	6.000	> 2.7 km	40.3 km	84.0 km
*	275.0	84.9	6.000	> 2.7 km	40.4 km	84.0 km
*	280.0	81.0	6.000	> 2.6 km	39.4 km	83.3 km
*	285.0	76.6	6.000	> 2.6 km	38.3 km	82.5 km
*	290.0	79.9	6.000	> 2.6 km	39.1 km	83.1 km
*	295.0	81.5	6.000	> 2.6 km	39.5 km	83.4 km
*	300.0	80.9	6.000	> 2.6 km	39.4 km	83.3 km
*	305.0	83.2	6.000	> 2.6 km	40.0 km	83.7 km
*	310.0	80.8	6.000	> 2.6 km	39.4 km	83.3 km
	315.0	81.1	6.000	> 2.6 km	39.4 km	83.3 km
*	320.0	81.8	6.000	> 2.6 km	39.6 km	83.4 km
*	325.0	86.7	6.000	> 2.7 km	40.8 km	84.3 km
*	330.0	89.6	6.000	> 2.7 km	41.5 km	84.9 km
*	335.0	92.4	6.000	> 2.7 km	42.1 km	85.4 km
*	340.0	92.4	6.000	> 2.7 km	42.1 km	85.4 km
*	345.0	94.7	6.000	> 2.8 km	42.6 km	85.8 km
*	350.0	97.0	6.000	> 2.8 km	43.1 km	86.2 km
*	355.0	100.5	6.000	> 2.8 km	43.8 km	86.7 km
	HAAT:	100.0 328.1				

VICTORY CHRISTIAN CENTER, INC
NEW FM HARRISBURG, NC
EXHIBIT 4 FIGURE 4
6/26/92

Detailed FM Interference Study

Title: Victory Christian Center — Latitude: 35-16-40
Channel: 224A ERP: 6 kW HAAT: 100.0 m — Longitude: 80-44-26
Database: DW 06/23/92

Call / City of License	Auth Licensee name / St FCC File No.	Chan	ERP (kW)	HAAT-m HAMSL	Latitude Longitude	BR-to -from	Dist. (km)	Req. (km)
ALLOC		224A			35-20-28	32.2	8.314	28.31
HARRISBURG	NC DOC-89-594				80-41-30	212.2	-20.0	SHORT

***** NOTE ***** This is the subject filing window

WZNS	LIC KAT BROADCASTING COR	225C	100	549	34-21-53	127.9	164.0				
DILLON	SC BLH-860811KB			582	79-19-49	308.7	-6 dB U/D				

Was WDSC-FM 03/01/86; Affiliated with WDSC(AM)

--- WZNS 60 dBu ----				----- Proposed Facility -----					MAX	--- Clearance ---		
Bear. (deg)	Dist. (km)	HAAT (m)	ERP (dBk)	Bear. (deg)	Dist. (km)	HAAT (m)	ERP (dBk)	Field (dBu)	ERP (dBk)	Field (dB)	ERP (dB)	Dist. (km)
308.7	91.7	597.0	20.0	127.9	72.3	107.1	6.3	42.9	17.3	11.1	11.1	30.8
318.7	91.6	595.0	20.0	115.7	75.5	110.0	6.4	42.3	18.1	11.7	11.7	33.3
328.7	91.7	596.0	20.0	105.9	84.0	109.0	6.7	40.1	20.6	13.9	13.9	41.3
338.7	91.8	600.0	20.0	99.3	96.3	114.7	6.9	37.2	23.7	16.8	16.8	52.1
348.7	91.8	600.0	20.0	95.6	110.9	115.0	7.0	34.0	27.0	20.0	20.0	66.4
358.7	91.6	595.3	20.0	94.1	126.6	115.9	7.1	31.3	29.8	22.7	22.7	81.8
8.7	91.6	595.0	20.0	94.0	142.6	116.0	7.1	28.2	32.9	25.8	25.8	97.8
248.7	91.9	603.0	20.0	161.9	142.0	95.0	7.2	27.9	33.4	26.1	26.1	100.7
258.7	91.9	602.0	20.0	161.7	126.1	95.0	7.2	30.9	30.3	23.1	23.1	84.7
268.7	91.9	603.0	20.0	160.1	110.4	95.0	7.2	33.6	27.5	20.4	20.4	69.2
278.7	91.9	601.0	20.0	156.4	95.9	97.6	7.1	36.7	24.3	17.3	17.3	54.4
288.7	91.8	599.0	20.0	149.9	83.7	97.9	6.9	39.8	21.1	14.2	14.2	42.6
298.7	91.7	597.0	20.0	140.1	75.3	97.9	6.6	41.9	18.7	12.1	12.1	34.9

Call / City of License	Auth Licensee name / St FCC File No.	Chan	ERP (kW)	HAAT-m HAMSL	Latitude Longitude	BR-to -from	Dist. (km)	Req. (km)
WZNS	LIC KAT BROADCASTING COR	225C	100	549	34-21-53	127.9	164.0	
DILLON	SC BLH-860811KB			582	79-19-49	308.7	-6 dB U/D	

Was WDSC-FM 03/01/86; Affiliated with WDSC(AM)

--- WZNS 54 dBu ----				----- Proposed Facility -----					MAX	--- Clearance ---		
Bear. (deg)	Dist. (km)	HAAT (m)	ERP (dBk)	Bear. (deg)	Dist. (km)	HAAT (m)	ERP (dBk)	Field (dBu)	ERP (dBk)	Field (dB)	ERP (dB)	Dist. (km)
308.7	136.4	597.0	20.0	127.8	27.5	107.2	6.3	59.6	6.6	.4	.4	.5
318.7	136.3	595.0	20.0	89.3	38.1	118.0	7.2	55.2	12.0	4.8	4.8	8.5
328.7	136.4	596.0	20.0	75.4	58.9	124.0	7.6	45.7	21.9	14.3	14.3	28.0
338.7	136.6	600.0	20.0	71.6	82.3	126.0	7.7	36.0	31.7	24.0	24.0	51.0
278.7	136.6	601.0	20.0	184.1	82.0	93.0	7.8	33.7	34.1	26.3	26.3	54.6
288.7	136.5	599.0	20.0	180.0	58.6	93.0	7.8	43.4	24.4	16.6	16.6	31.3
298.7	136.4	597.0	20.0	166.5	37.8	95.0	7.4	53.6	13.8	6.4	6.4	10.8

Detailed FM Interference Study

Title: Victory Christian Center — Latitude: 35-16-40
Channel: 224A ERP: 6 kW HAAT: 100.0 m — Longitude: 80-44-26
Database: DW 06/23/92

Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)	Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)
0	WYHC	-43.14	40 10%	90.9	-50.92	45	WKRR	7.78	60 50%	28.9	31.0
1						46	WKRR	7.78	60 50%	30.7	29.2
2						47	WKRR	7.78	60 50%	31.5	28.4
3						48	WKRR	7.78	60 50%	32.2	27.7
4						49					
5						50	WKRR	7.78	60 50%	32.7	27.2
6						51	WKRR	7.78	60 50%	33.0	26.9
7						52					
8						53	WKRR	7.78	100 10%	79.7	20.2
9						54	WKRR	7.78	60 50%	33.1	26.9
10						55					
11						56	WKRR	7.78	60 50%	32.7	27.3
12						57	WKRR	7.78	60 50%	32.3	27.7
13						58	WKRR	7.78	60 50%	31.7	28.3
14						59	WKRR	7.78	60 50%	30.9	29.1
15						60	WKRR	7.78	60 50%	30.0	30.0
16						61					
17						62					
18	WYHC	-30.62	40 10%	78.4	-38.40	63					
19						64					
20						65					
21						66					
22						67					
23						68					
24						69					
25						70					
26						71					
27						72	WZNS	7.78	60 50%	36.0	23.9
28						73					
29						74					
30						75	WZNS	7.78	60 50%	45.7	14.3
31						76					
32						77					
33						78					
34						79					
35						80					
36						81					
37						82					
38						83					
39						84					
40						85					
41						86					
42						87					
43						88					
44						89	WZNS	7.78	60 50%	55.2	4.7

NOTE: WYHC DOES NOT EXIST
(EXPERIMENTAL AUTHORITY)

VICTORY CHRISTIAN CENTER INC
NEW FM, HARRISBURG NC
EXHIBIT 4: FIGURE 4 & 5
6/26/92

Detailed FM Interference Study

Title: Victory Christian Center
Channel: 224A ERP: 6 kW HAAT: 100.0 m
Database: DW 06/23/92

Latitude: 35-16-40
Longitude: 80-44-26

Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)	Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)
90						135					
91						136					
92						137					
93						138					
94	WZNS	7.78	54 10%	31.3	22.72	139					
95						140	WZNS	7.78	54 10%	41.9	12.1
96	WZNS	7.78	54 10%	34.0	19.98	141					
97						142					
98						143					
99	WZNS	7.78	54 10%	37.2	16.82	144					
100						145					
101						146					
102						147					
103						148					
104						149					
105						150	WZNS	7.78	54 10%	39.8	14.1
106	WZNS	7.78	54 10%	40.1	13.93	151					
107						152					
108						153					
109	WKRR	7.78	100 10%	67.1	32.87	154					
110						155					
111						156	WZNS	7.78	54 10%	36.7	17.2
112						157					
113						158					
114						159					
115						160	WZNS	7.78	54 10%	33.6	20.3
116	WZNS	7.78	54 10%	42.3	11.73	161					
117	WKRR	7.78	100 10%	50.3	49.70	162	WZNS	7.78	54 10%	30.9	23.0
118						163					
119						164					
120						165					
121						166					
122						167	WZNS	7.78	60 50%	53.6	6.3
123						168					
124						169					
125						170					
126						171					
127						172					
128	WZNS	6.64	60 50%	59.6	.36	173					
129						174					
130						175					
131						176					
132						177					
133						178					
134						179					

Detailed FM Interference Study

Title: Victory Christian Center
Channel: 224A ERP: 6 kW HAAT: 100.0 m
Database: DW 06/23/92

Latitude: 35-16-40
Longitude: 80-44-26

Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)	Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)
180	WZNS	7.78	60 50%	43.4	16.61	225					
181						226					
182						227	WYHC	-34.80	40 10%	82.6	-42.5
183						228	WESC-FM	7.78	54 10%	30.5	23.5
184	WZNS	7.78	60 50%	33.7	26.29	229	WYHC	-37.22	40 10%	85.0	-45.0
185						230	WESC-FM	7.78	54 10%	33.5	20.4
186						231					
187						232					
188						233	WESC-FM	7.78	54 10%	36.9	17.0
189						234					
190						235					
191						236					
192						237	WYHC	-39.12	40 10%	86.9	-46.9
193						238					
194						239					
195						240					
196						241	WESC-FM	7.78	54 10%	40.5	13.5
197						242					
198						243					
199						244					
200						245					
201						246					
202						247					
203						248					
204	WESC-FM	7.78	60 50%	32.6	27.42	249	WYHC	-39.85	40 10%	87.6	-47.6
205						250					
206						251					
207	WESC-FM	7.78	60 50%	43.1	16.93	252	WESC-FM	7.78	54 10%	42.8	11.1
208						253					
209						254					
210						255					
211						256					
212						257					
213						258					
214						259					
215						260	WYHC	-38.15	40 10%	85.9	-45.9
216						261					
217						262					
218						263					
219						264	WYHC	-39.10	40 10%	86.9	-46.8
220						265	WESC-FM	7.78	60 50%	57.4	2.6
221	WESC-FM	7.78	60 50%	55.2	4.80	266					
222						267					
223						268					
224						269	WYHC	-39.17	40 10%	87.0	-46.9

NOTE: WYHC DOES NOT EXIST
(EXPERIMENTAL AUTHORITY)

VICTORY CHRISTIAN CENTER INC
NEW FM, HARRISBURG NC
EXHIBIT 4 FIGURE 5
6/26/92

Detailed FM Interference Study

Title: Victory Christian Center
Channel: 224A ERP: 6 kW HAAT: 100.0 m
Database: DW 06/23/92

Latitude: 35-16-40
Longitude: 80-44-26

Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)	Az. deg	Call/ARN	Max ERP (dBk)	Max field (dBu)	Prop. field (dBu)	Clear -ance (dB)
270						315					
271						316					
272						317					
273						318					
274						319					
275	WYHC	-39.52	40 10%	87.3	-47.30	320					
276						321					
277						322					
278						323					
279						324					
280						325					
281						326					
282						327					
283	WESC-FM	7.78	54 10%	36.9	17.09	328					
284						329					
285						330					
286						331					
287						332					
288						333					
289	WESC-FM	7.78	60 50%	44.7	15.34	334					
290	WESC-FM	7.78	54 10%	31.8	22.24	335					
291						336					
292	WESC-FM	7.78	54 10%	29.4	24.55	337					
293	WYHC	-43.69	40 10%	91.5	-51.47	338					
294	WESC-FM	7.78	54 10%	26.9	27.08	339					
295						340					
296						341					
297						342					
298						343					
299						344					
300						345					
301						346					
302						347					
303						348					
304						349	WKRR	7.78	100 10%	57.3	42.7
305						350					
306	WESC-FM	7.78	60 50%	38.8	21.20	351					
307						352					
308						353					
309						354					
310						355					
311	WESC-FM	7.78	60 50%	30.1	29.86	356					
312						357					
313						358					
314						359					

>> End of Channel 224A Study <<

NOTE:WYHC DOES NOT EXIST
(EXPERIMENTAL AUTHORITY)

VICTORY CHRISTIAN CENTER, INC
NEW FM HARRISBURG, NC
EXHIBIT 4 FIGURE 5
6/26/92

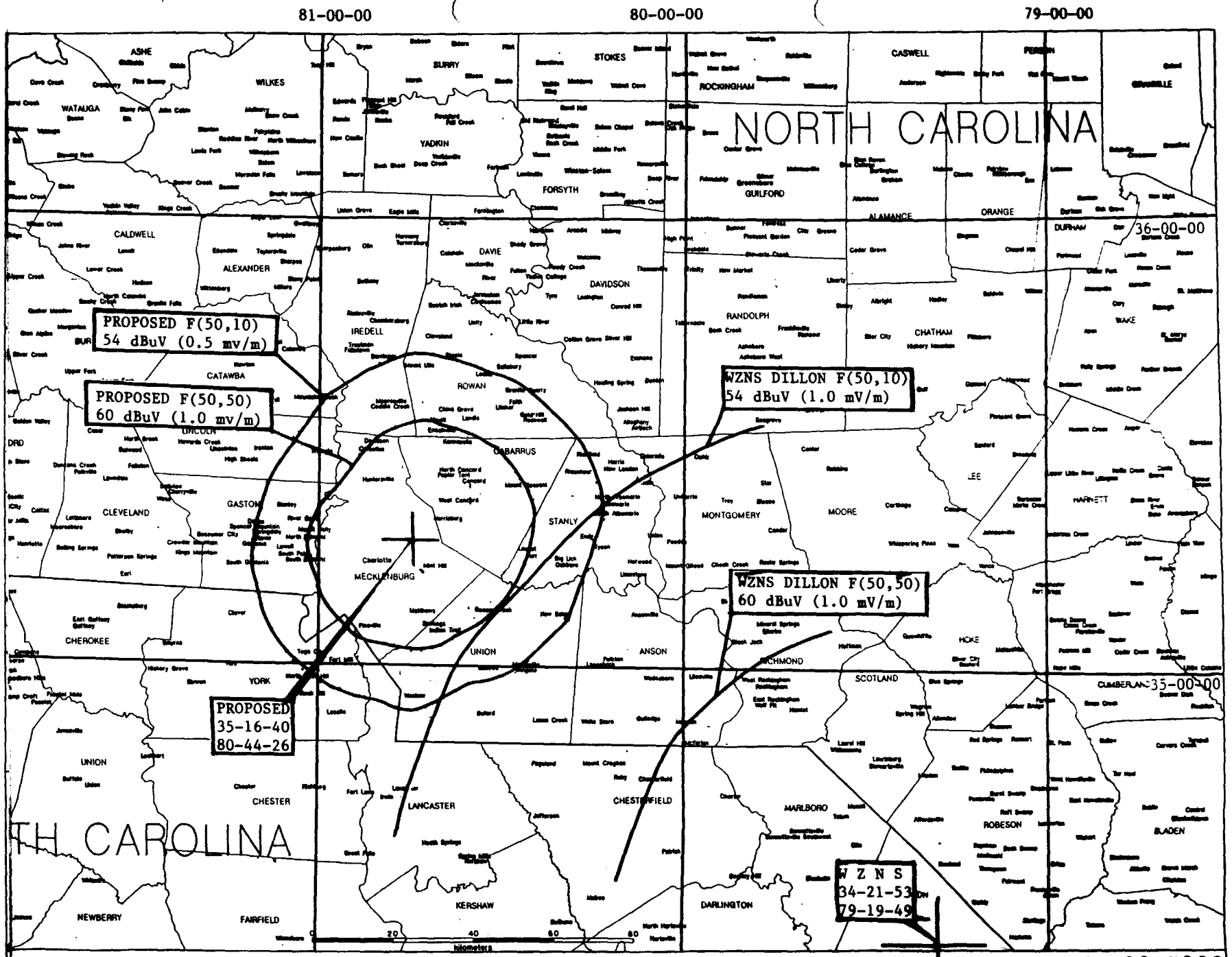


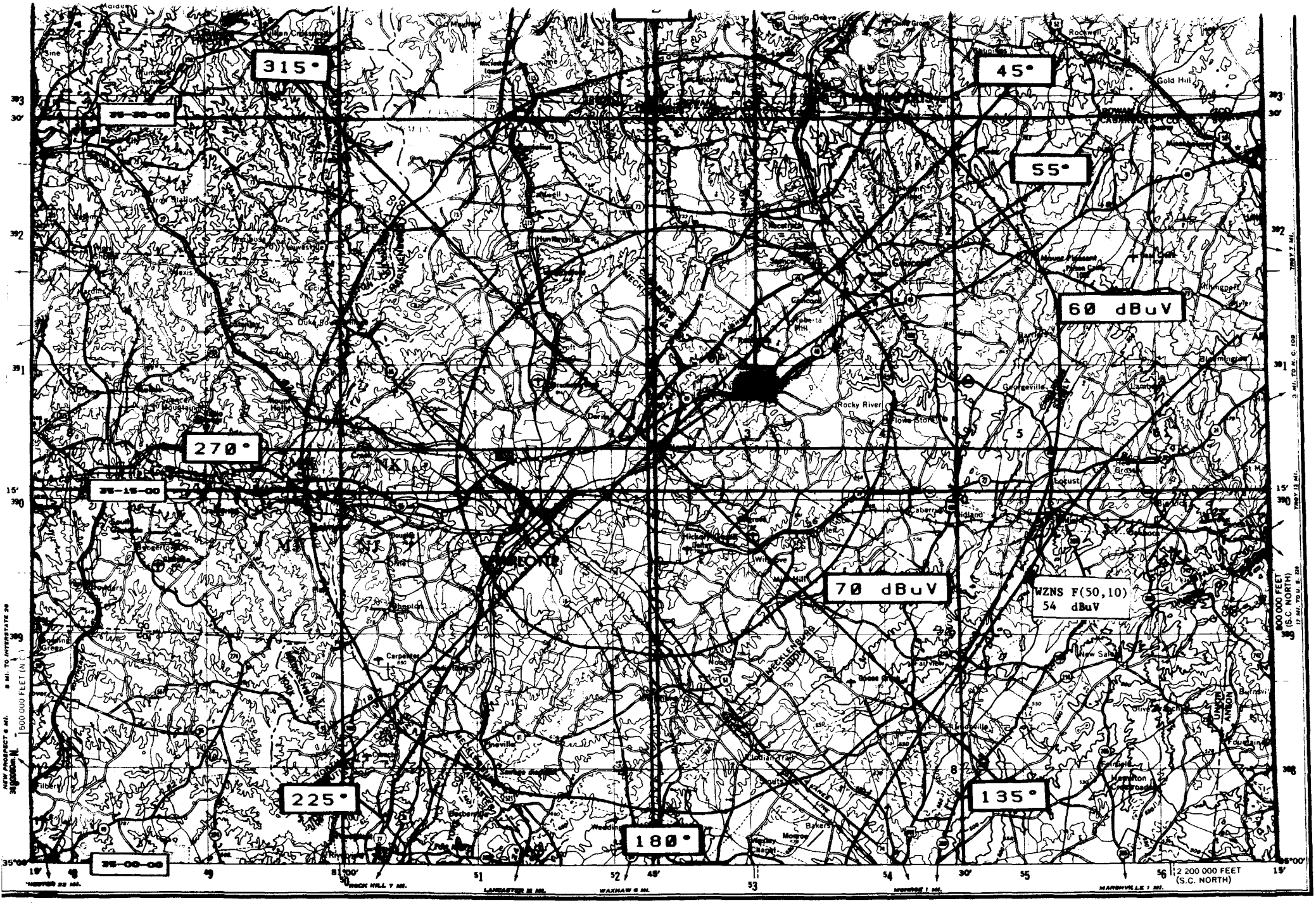
EXHIBIT EE FIGURE 6
FCC 73.215 SHOWING
Lambert & Anthony

AMENDMENT OF 6/28/92
NEW FM, HARRISBURG, NC
VICTORY CHRISTIAN CENTER, INCORPORATED

WZNS DILLON SC
BLH-860811KB
252C 100KW 600 M HAAT

May 26, 1992

MAP SOURCE: DATAWORLD, BETHESDA, MD



Scale 1:250,000

5 0 5 10 15 20 Statute Miles

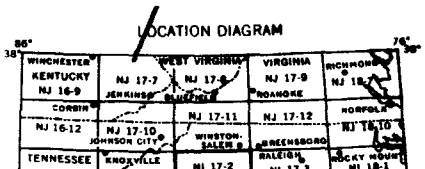
5 0 5 10 15 20 25 30 Kilometres

5 0 5 10 Nautical Miles

CONTOUR INTERVAL 100 FEET WITH
SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM



LAMBERT AND ANTHONY
MEDIUM WAVE TRANSMITTING ANTENNAS
2613 CRAIG AVENUE
CONCORD, NORTH CAROLINA 28027

VICTORY CHRISTIAN CENTER, INC
EXHIBIT 4 FIGURE 2 6/26/92

EXHIBIT 5
VICTORY CHRISTIAN CENTER, INCORPORATED

RESPONSE TO FCC FORM 301, SECTION [V][b][14]
INTERMODULATION AND BLANKETING STATEMENT

The following facilities have been identified within 10 km of the proposed site:

WCCB-TV	18	Charlotte, NC	1.45 km	@	159.6° T
WSOC-TV,-FM	9,103.7	Charlotte, NC	2.19	@	146.3
WNJQ-322	---	Charlotte, NC	2.31	@	254.5
MCNC	S-band	Charlotte, NC	2.54	@	345.6
WTVI CP	42	Charlotte, NC	4.20	@	75.6
WMXC	104.7	Charlotte, NC	5.70	@	120.6
WFAE	90.7	Charlotte, NC	5.70	@	120.6
****	-----	Charlotte, NC	7.42	@	83.8
****	-----	Charlotte, NC	7.85	@	142.1
BMPET 850107KH	42	Charlotte, NC	8.87	@	211.6
WTVI	42	Charlotte, NC	9.13	@	210.6
5089-LV-129	S-band	Charlotte, NC	9.38	@	295.5

Stations with an entry **** are multiple use business radio sites who generally operate in the 150-174 or 450 mc bands. The S-band entries are the ITFS system operated by the University of North Carolina.

RITOIE is generally caused by overload of the first RF amplifier or mixer in a receiver. The following intermodulation products could be produced due to the proposed 6 kw operation:

WFAE: 88.7 mc, 94.7 mc; WSOC-FM: 114.7 mc, 81.7 mc; WMXC: 116.7, 80.7; second harmonic of 185.4 mc (mixing with TV-9 vision carrier to produce an baseband 1.85 mc signal) and their products.

None of the FM band signals are in use within 92 km of Charlotte, North Carolina except 88.7 mc. There is an FM station at Rock Hill, SC (WNSC) which operate 88.9 mc that would not be affected.

The Advanced Television Test Centre has announced Charlotte, NC as the site for the ATTV "bake-off" using VHF channel 6 and UHF channel 53. It is at the WFAE site above. The ATTC should be done with their tests long before the grant of this application. There is also a TV channel 5 LPTV which is 18 km distant.

Generally speaking, UHF receivers have sufficient selectivity to reject FM RITOIE. (Channels 58 at Concord and 42 at Charlotte are separated approximately by 92.7 mc). It is extremely unlikely that a third order product with one of the facilities being 92.7 mc would result in television interference.

No cable-TV entities have receiving antennas within 10 km of the proposed site.

The distance to the 115 dBuV blanketing contour is given the product of 0.394 times the square root of power (both components of polarisation). This distance is 1.36 kilometers.[1] The relevant conical depression angles are 10.9° below the horizon. Examination of the directional pattern proposed (exhibit 3) proves that our blanketing contour estimate is highly conservative.

In all cases, Victory Christian Center, Incorporated will satisfy all complaints of blanketing interference and RITOIE as prescribed in the Rules, accepting full responsibility for these effects should they arise.

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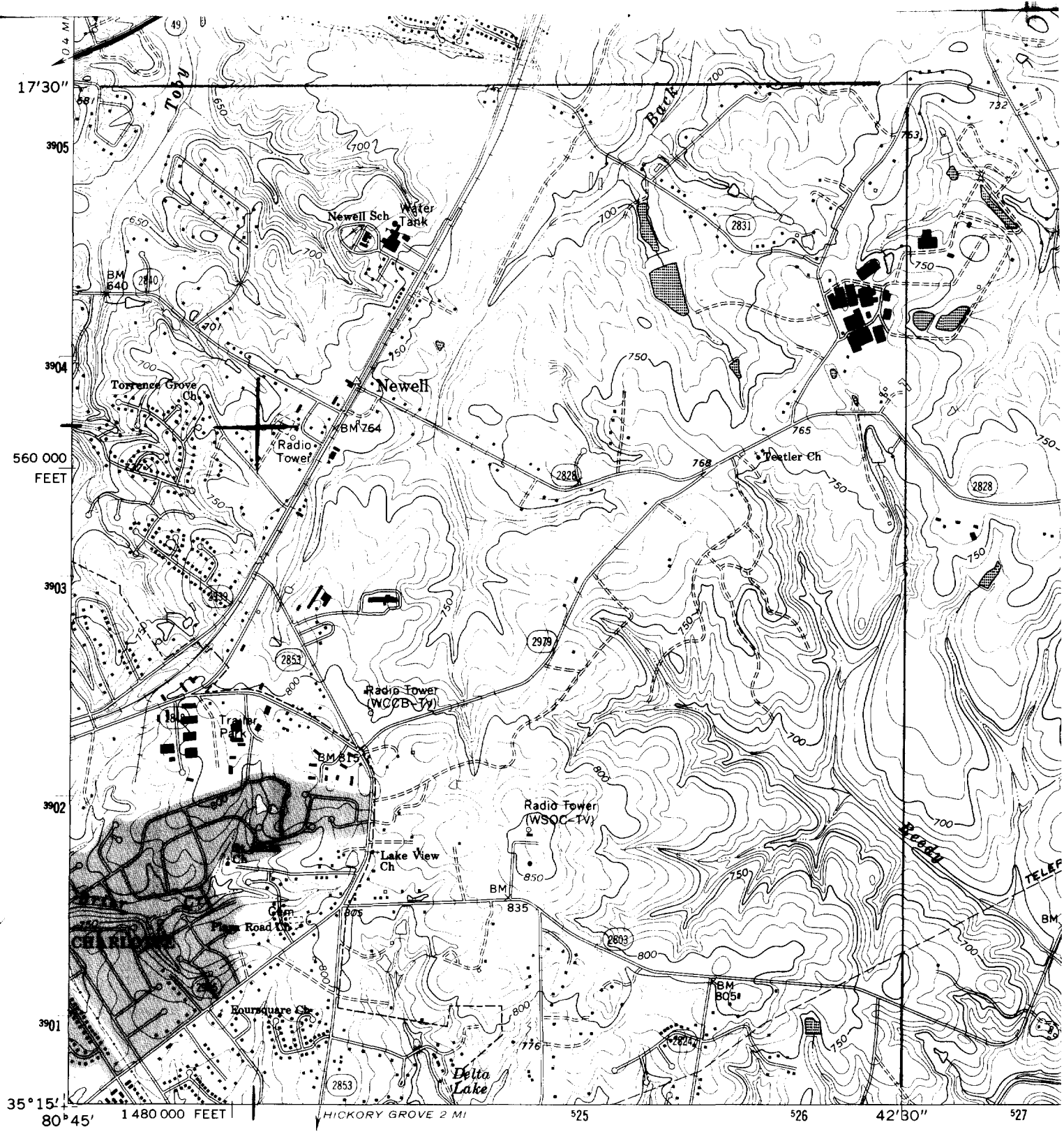
[1] For either basis plane of polarisation, the distance is 0.97 km.



Mapped, edited, and published by the Geological Survey

1 5 0 1 KILOMETER

VICTORY CHRISTIAN CENTER, INC.
NEW FM HARRISBURG, NC

EXHIBIT 6 - 7.5 MINUTE MAP

HARRISBURG, NC NAD 1927

SITE 35-16-40
80-44-26

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

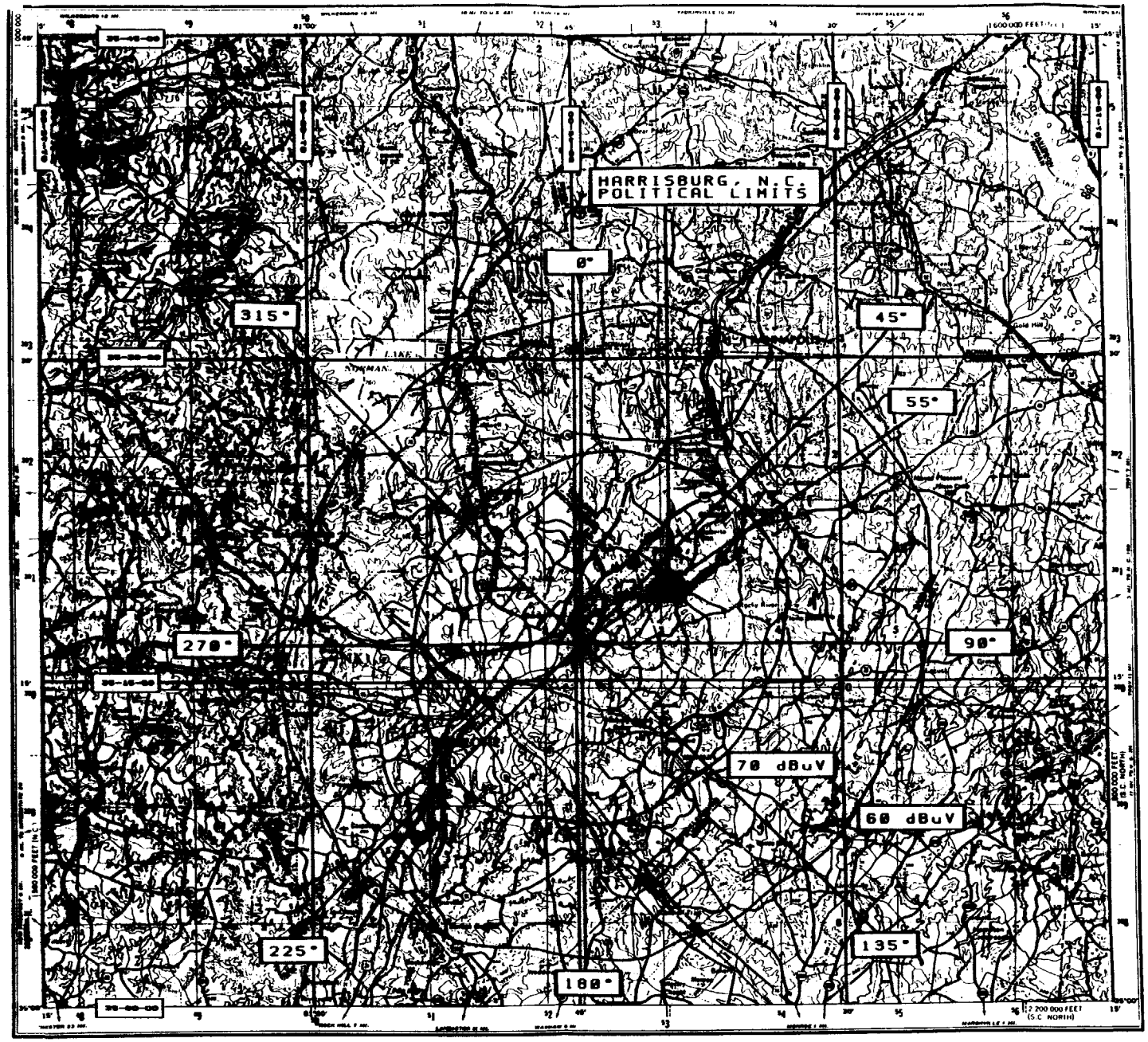
HARRISBURG, N. C.
35080-C6-TF-024

1968
PHOTOREVISED 1968
DMA 4654 I SW-SERIES V842

VICTORY CHRISTIAN CENTER INC
EXHIBIT 7
COVERAGE CONTOURS - PREDICTED
6/26/92

MAP SOURCE: USGS 1: 250000
CHARLOTTE, NC
TOPO QUADRANGLE

This map has been photoreduced for ease in duplication.



Scale 1:250,000

CONTOUR INTERVAL 100 FEET WITH
SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10 000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

LAMBERT AND ANTHONY
MEDIUM WAVE TRANSMITTING ANTENNAS
2013 CRAIG AVENUE
CONCORD, NORTH CAROLINA 28027

EXHIBIT 8

VICTORY CHRISTIAN CENTER, INCORPORATED

ENVIRONMENTAL AND OCCUPATIONAL HAZARD STATEMENT

The proposed transmitter site will have no discernable effect the enviorment. This application is exempt from 1.1306 of the Rules as to specialised major environmental impact statements. Also, this application is exempt from 1.1307 of the Rules, specifically, the tower site and tower itself do not meet any of the contingencies in 1.1307 which would trigger an environmental impact statement requirement. Standard red and white tower paint, with red beacons, will be used. The site is located in an area of Charlotte with numerous towers and the additional tower will have no impact.

This application complies fully with the January 26,1986 Commission statement "Further Guidance For Broadcasters Regarding Radiofrequency Radiation and the Environment (Mimeo 2278). The distance to the radiation limit of 1.0 mW/square cm is as follows:

$$S = (0.64 \times 1.64 \times \text{MERP} \times 1000) / 3.14159 \times (\text{radiation locus, cm})^2.$$

Substituting 12,000 watts for MERP (both planes) and the lower bay of the antenna (7250.0 cm) the power density is 0.07631 mW/square cm. The limit (considering a point source at the lowest antenna bay with spherical radiation) is encroached at 20.0 meters. The distance off the ground is 52.5 meters. Clearly this application will produce no radiofrequency biohazard to employees or the general public, and this application is equal to Contingency "A" in the aforementioned Public Notice (under routine operation).

The occupational hazard to employees or contractors will be eliminated by reducing the carrier power (or, preferably, removing the carrier from the air) when it is necessary to enter the biohazard region. Full compliance with OSHA (such as lockout stations which make it physically impossible to operate the transmitter when the lockout device is properly used) and IEC-215 will be assured through continuing education and management enforcement.

Fencing, placarding, and a fence gate/tower interlock is proposed to ensure that unauthorised access does not result in any exposure to the biohazard. Radiofrequency energy will be contained in coaxial cables (rigid line) to eliminate possible biohazard exposure in the transmitting plant.

In reality, the conical elevation pattern of the transmit antenna will cause far less than 12 kW to be radiated in accessible directions. These calculations are therefore extremely conservative.

EXHIBIT 9

VICTORY CHRISTIAN CENTER, INCORPORATED

BACK-UP GENERATOR STATEMENT

The applicant proposes installation of transmitter site and studio alternate power supplies in the event of Duke Power failure. Transmitter power back-up will be provided by diesel powered alternator(s). Studio back-up will be provided by a UPS or portable gasoline generator.

Facilities will also be provided to enable the transmitter site to act as a temporary main studio should there be a prolonged blackout (e.g. a situation similar to Hurricane Hugo). We have also allowed for an auxiliary system at the studio site which will be applied for on grant of this application.

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM PAS

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
NC	BPH -920326MA N/M	NEW 92.7MHZ	VICTORY CHRISTIAN CENTER, INC HARRISBURG NC	CP FOR NEW FM ON: FREQ: 92.7 MHZ., ERP: 6.00 KW (H&V); HAAT: 100 METERS (H&V) 35 17 22 80 45 36

LICENSE EXPIRATION DATE _____

Patrice Scott
CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT( ) CONSTRUCTION DATES, START _____ END _____

CONTESTED ( ) UNCONTESTED ( )

TDN 10 13 92

APPROVED _____

_____
FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

Form A-378
January 1980