

Exhibit 13

TED A. McCALL
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W235BM

Minor Change

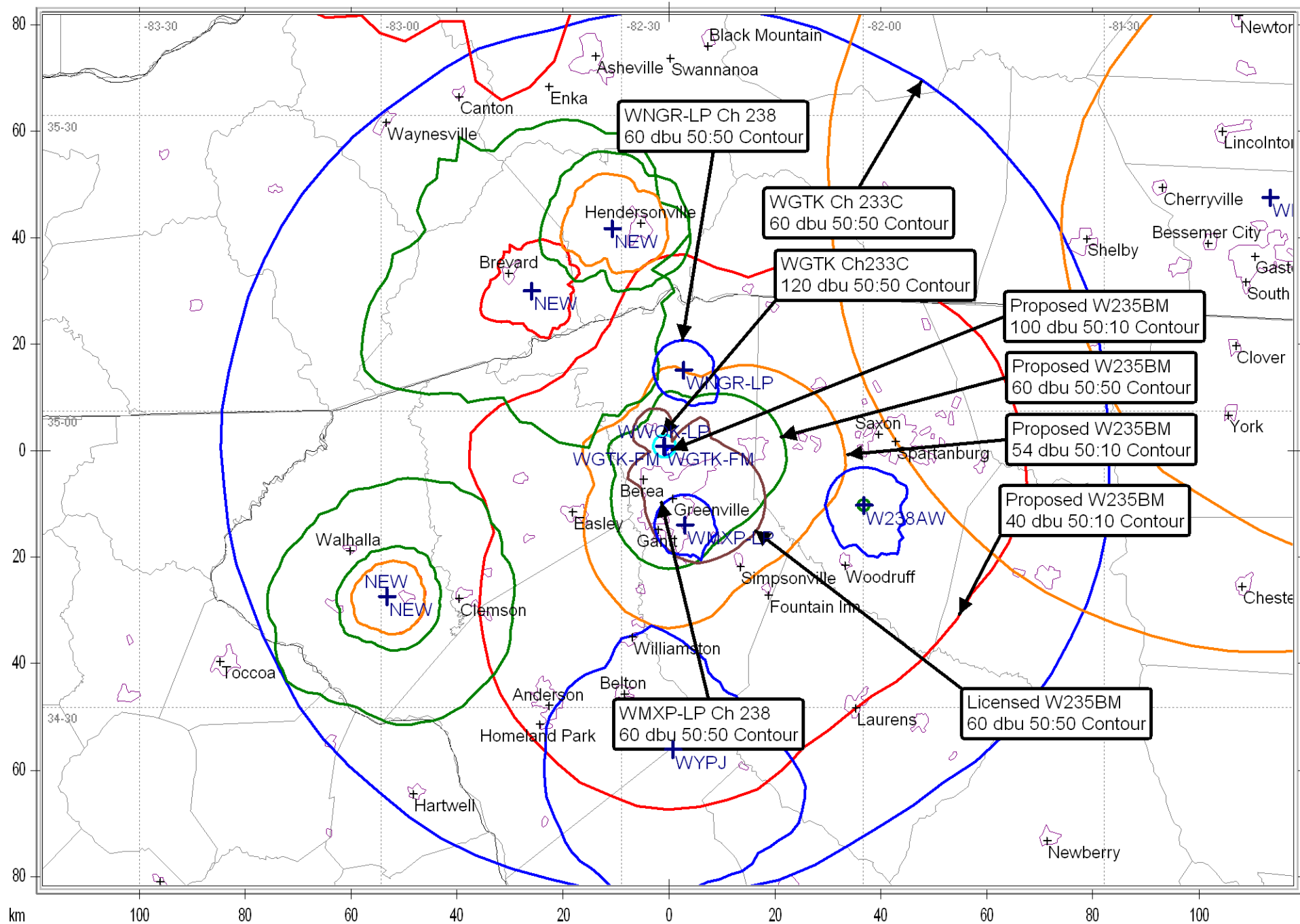
**ComStudy 2.2 search of channel 235 (94.9 MHz Class D)
at 34-56-05.0 N, 82-24-16.0 W.**

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WGTK-FM	GREENVILLE	SC	233	C	0.97	0.00	319.5	-75.50 dB *a
WGTK-FM	GREENVILLE	SC	233	C	0.97	0.00	319.5	-45.50 dB *a
WWOK-LP	GREENVILLE	SC	237	LP100	1.04	6.00	310.9	-43.97 dB *b
W235BM	MAULDIN	SC	235	D	0.00	0.00	90.0	-42.90 dB *c
NEW	BREVARD	NC	235	D	39.42	0.00	319.4	0.94 dB
WNKS	CHARLOTTE	NC	236	C	123.32	0.00	66.9	3.62 dB
NEW	SENECA	SC	235	D	59.94	0.00	242.8	5.38 dB
W238AW	WEST VIEW	SC	238	D	38.50	0.00	105.5	9.96 dB
NEW	BLACK MOUNTAIN	NC	236	D	42.88	0.00	345.9	13.90 dB
WMXP-LP	GREENVILLE	SC	238	LP100	14.38	6.00	167.3	14.47 dB
WNGR-LP	TIGERVILLE	SC	238	LP100	15.29	6.00	11.0	15.80 dB
WNKS	CHARLOTTE	NC	236	C	143.97	0.00	73.1	18.77 dB
WAEZ	GREENEVILLE	TN	235	C0	129.28	0.00	348.5	18.61 dB
NEW	SENECA	SC	236	D	59.96	0.00	242.8	19.38 dB
WYPJ	DUE WEST	SC	237	A	56.21	0.00	179.0	19.41 dB

***a** See attached Waiver Request showing no predicted interference to WGTK-FM.

***b** WWOK-LP is a Low Power FM on 2nd adjacent channel to this application and does not have to be protected by this application.

***c** This is the current licensed site for this application.



**Exhibit 13 (Compliance with CFR 74.1204)
And Waiver Request
W235BM, Mauldin SC**

The proposed W235BM FM translator site is located within the protected 60 dBu contour of second adjacent channel station WGTK-FM channel 233C, Licensed to Greenville, SC. The predicted F(50-50) field strength of WGTK-FM at the proposed translator site is >120 dbu; see Contour Map Exhibit 13 page 3. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 160 dBu. The Proposed antenna will be a Scala HDCA-5CP/RM directional antenna. The attached propagation calculation sheet from the FCC web site shows the predicted distance to the 160 dbu interference contour is 1 meter. This interfering contour extends 1 meters from the proposed transmit antenna in the horizontal plane in the main lobe and shorter distances at angles below the horizon. The antenna will be mounted on an existing tower at a height of 45 meters above ground. There are no occupied buildings within 70 meters of the tower. W235BM is currently licensed at this site and has caused no interference problems since operation began at this site.

I, Ted A McCall, have inspected this site and it is located on a mountain ridge with no possible receiver locations within 70 meters of the antenna.

Therefore, Ted A McCall respectfully requests a waiver of C.F.R. 74.1204 based on the interfering contour not reaching the ground and no population within the area of predicted interference.

Should there be any actual interference to WGTK-FM, W235BM will reduce power or suspend operation until the problem can be corrected.



Audio Division

(202)-418-2700

FM and TV Propagations Curves Calculations

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[FCC site map](#)

Results -- FM and TV Propagation Curves Calculations

Free Space equation used, not curves

Results of Calculation

Distance to Contour = 0.001 km

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For input data from Pages 1 and 2:

ERP entered = 0.250 kW

HAAT entered = 350.00 meters

Field Strength entered = 160.000 dBu

Find the Distance to the Contour, Given a Field Strength

F(50,10) curves for interfering contours

FM and NTSC analog TV Channels 2 through 6

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Comments on this program may be referred to [Dale Bickel](#)

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If you would like more information pertaining to the Media Bureau, please call: (202) 418-7200.

Federal Communications
Commission

445 12th Street SW
Washington, DC 20554

[More FCC Contact Information...](#)

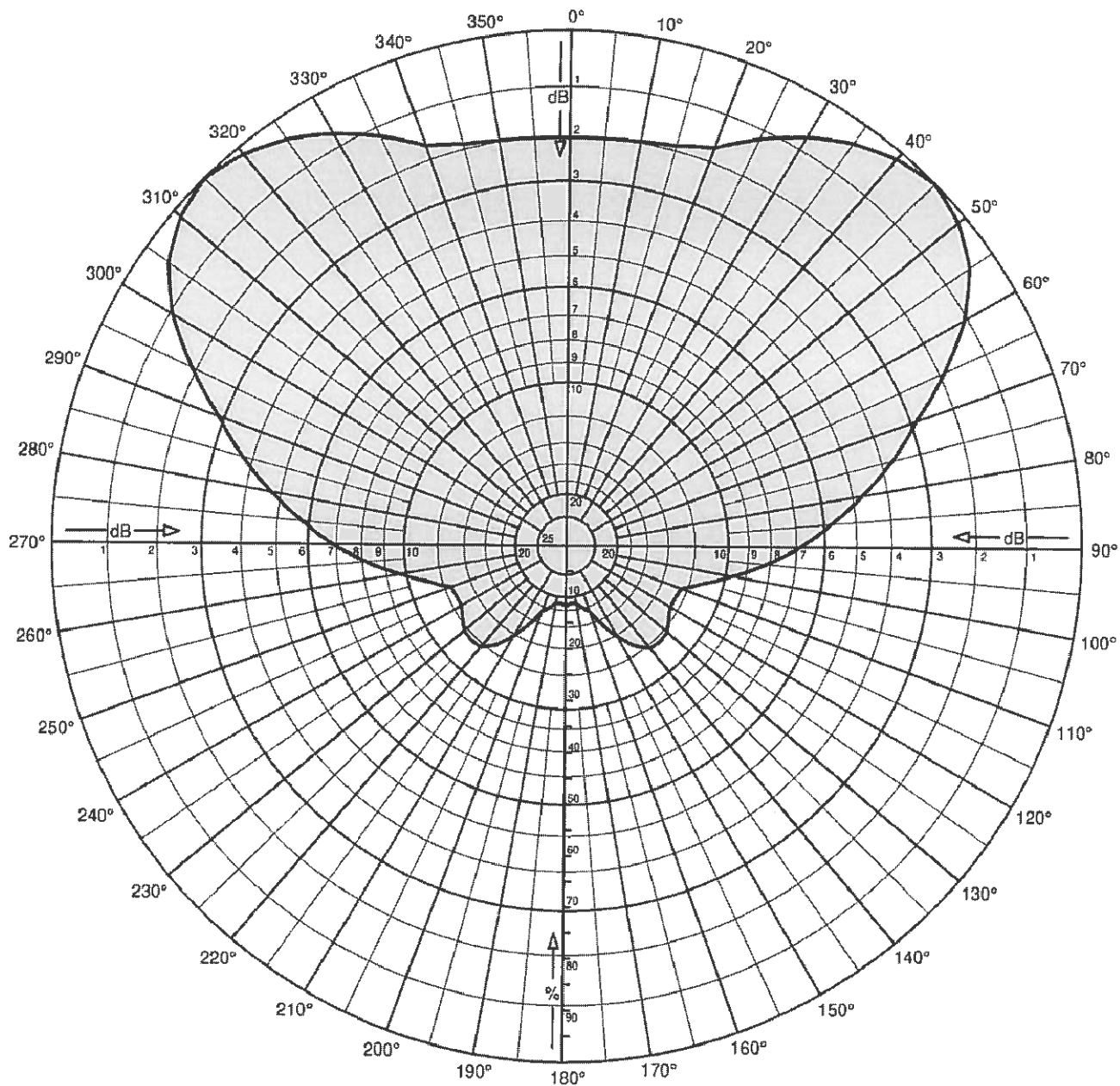
Phone: 1-888-CALL-FCC (1-888-
225-5322)

TTY: 1-888-TELL-FCC (1-888-
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Two HDCA-5CP/RM Yagi Antennas
 Oriented with 90 degree skew
 Any single channel 88-108 MHz
 Gain: 2.2 dBd (x 1.7)
 Circular Polarization
 Horizontal plane Pattern



Two HDCA-5CP/RM Yagi Antennas
 Oriented with 90 degree skew
 Any single channel 88-108 MHz
 Gain: 2.2 dBd (x 1.7)

Circular Polarization
 Horizontal plane Pattern

Angle	Field	Rel.dB	dBd	PwrMult	Angle	Field	Rel.dB	dBd	PwrMult
0	0.792	-2.03	0.17	1.04	180	0.117	-18.66	-16.46	0.02
5	0.793	-2.02	0.18	1.04	185	0.112	-18.99	-16.79	0.02
10	0.797	-1.97	0.23	1.05	190	0.114	-18.83	-16.63	0.02
15	0.804	-1.89	0.31	1.07	195	0.124	-18.14	-15.94	0.03
20	0.823	-1.69	0.51	1.12	200	0.135	-17.36	-15.16	0.03
25	0.872	-1.18	1.02	1.26	205	0.168	-15.50	-13.30	0.05
30	0.918	-0.74	1.46	1.40	210	0.202	-13.87	-11.67	0.07
35	0.957	-0.38	1.82	1.52	215	0.236	-12.55	-10.35	0.09
40	0.984	-0.14	2.06	1.61	220	0.257	-11.78	-9.58	0.11
45	1.000	0.00	2.20	1.66	225	0.261	-11.67	-9.47	0.11
50	0.983	-0.15	2.05	1.61	230	0.258	-11.76	-9.56	0.11
55	0.947	-0.47	1.73	1.49	235	0.246	-12.20	-10.00	0.10
60	0.886	-1.06	1.14	1.30	240	0.235	-12.58	-10.38	0.09
65	0.805	-1.89	0.31	1.07	245	0.236	-12.56	-10.36	0.09
70	0.719	-2.86	-0.66	0.86	250	0.239	-12.43	-10.23	0.09
75	0.652	-3.72	-1.52	0.70	255	0.277	-11.16	-8.96	0.13
80	0.582	-4.70	-2.50	0.56	260	0.329	-9.65	-7.45	0.18
85	0.514	-5.77	-3.57	0.44	265	0.390	-8.17	-5.97	0.25
90	0.454	-6.85	-4.65	0.34	270	0.454	-6.85	-4.65	0.34
95	0.390	-8.17	-5.97	0.25	275	0.514	-5.77	-3.57	0.44
100	0.329	-9.65	-7.45	0.18	280	0.582	-4.70	-2.50	0.56
105	0.277	-11.16	-8.96	0.13	285	0.652	-3.72	-1.52	0.70
110	0.239	-12.43	-10.23	0.09	290	0.719	-2.86	-0.66	0.86
115	0.236	-12.56	-10.36	0.09	295	0.805	-1.89	0.31	1.07
120	0.235	-12.58	-10.38	0.09	300	0.886	-1.06	1.14	1.30
125	0.246	-12.20	-10.00	0.10	305	0.947	-0.47	1.73	1.49
130	0.258	-11.76	-9.56	0.11	310	0.983	-0.15	2.05	1.61
135	0.261	-11.67	-9.47	0.11	315	1.000	0.00	2.20	1.66
140	0.257	-11.78	-9.58	0.11	320	0.984	-0.14	2.06	1.61
145	0.236	-12.55	-10.35	0.09	325	0.957	-0.38	1.82	1.52
150	0.202	-13.87	-11.67	0.07	330	0.918	-0.74	1.46	1.40
155	0.168	-15.50	-13.30	0.05	335	0.872	-1.18	1.02	1.26
160	0.135	-17.36	-15.16	0.03	340	0.823	-1.69	0.51	1.12
165	0.124	-18.14	-15.94	0.03	345	0.804	-1.89	0.31	1.07
170	0.114	-18.83	-16.63	0.02	350	0.797	-1.97	0.23	1.05
175	0.112	-18.99	-16.79	0.02	355	0.793	-2.02	0.18	1.04