



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

**DIGITAL TELEVISION
TRANSLATOR POST
TRANSITION CHANNEL
DISPLACEMENT
RELIEF APPLICATION
FOR W08EG-D
FACILITY ID 23924**

Toccoa, GA

Prepared For:

Georgia Public Telecommunications
Commission
260 14th St NW
Atlanta, GA 30318-5360

Prepared By:

Ryan Wilhour
Consulting Engineer
Kessler and Gehman Associates
507 NW 60th Street, Suite D
Gainesville, FL 32607-2055
352-332-3157 Extension 3
ryan@kesslerandgehman.com
www.kesslerandgehman.com

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TABLE OF CONTENTS

1.0	MINOR MODIFICATION CHANNEL DISPLACEMENT RELIEF ELIGIBILITY	2
2.0	STATION TRANSMITTER LOCATION AND ELEVATION.....	3
3.0	ALLOCATION ANALYSIS	3
4.0	AM STATION PROXIMITY	3
5.0	INTERNATIONAL COORDINATION	3
6.0	RADIO FREQUENCY RADIATION COMPLIANCE	4
7.0	CERTIFICATION	5
	APPENDIX A – TVStudy v2.2.5 Channel Displacement Study	6
	APPENDIX B – FCC TOWAIR Study	9
	APPENDIX C – Tower Elevation Diagram	10
	APPENDIX D – TVStudy V2.2.5 Allocation Analysis.....	11
	APPENDIX E – Licensed and Proposed Contour	14
	APPENDIX F – Far Field Exposure to RF Emissions.....	15

1.0 MINOR MODIFICATION CHANNEL DISPLACEMENT RELIEF ELIGIBILITY

Georgia Public Telecommunications Commission (“GPTC”) is the licensee of a digital Low Power Television Station (“LPTV”) having call sign W08EG-D, Facility ID 23924. W08EG-D is licensed¹ to operate on channel 8 with an ERP of 0.15KW through a directional antenna using a stringent Emission Mask.

Translator or LPTV stations which receive more than 2% new interference in aggregate or causes more than 0.5% new interference to the interference-free population of a full power or Class A station, are eligible for channel displacement relief². Appendix A is a study generated by TVStudy v2.2.5 which demonstrates that the licensed W08EG-D facility causes 2.74% prohibited interference to the post-transition repacked station WNTV. W08EG-D is thus clearly eligible to file for channel displacement relief in the April 10, 2018 through June 1, 2018 post-incentive auction special displacement window and is the purpose of the instant application.

Pursuant to 47 CFR Section 74.787(b) the instant application is considered a “minor” change because:

- The change in frequency is related to displacement relief as outlined above.
- There is no change in transmitting antenna location³ such that the protected contour resulting from the change does not overlap some portion of the protected contour of the authorized facilities of the existing station as illustrated in Appendix E.

¹ FCC File No.: BLDTV-20091008ACL

² See *Incentive Auction Task Force and Media Bureau Announce Post-incentive Auction Special Displacement Window April 10, 2018, Through May 15, 2018, and Make Location and Channel Data Available*, Public Notice, DA/FCC: DA-18-124 Released On: Feb 9, 2018, Section II, Paragraph 9 using a 2x2 km cell.

³ A coordinate correction has been made in the instant application but the physical site is not being relocated.

- There is no change in transmitting antenna location greater than 30 miles (48km) from the reference coordinates of the existing station's antenna location.

2.0 STATION TRANSMITTER LOCATION AND ELEVATION

It is proposed to keep W08EG-D at its licensed location on an existing tower which does not have an FAA determination of no hazard to air navigation or an FCC Antenna Structure Registration (“ASR”) number. Appendix B are the results of an FCC TOWAIR determination which indicates that the existing structure is not required to file for an FAA determination of no hazard to air navigation and is thus also exempt from FCC ASR filing. The instant application does not propose to increase or modify the existing support structure.

3.0 ALLOCATION ANALYSIS

Appendix D are the summarized results from TVStudy V2.2.5. As indicated the proposed W08EG-D facility is predicted to receive 39.03% aggregate inbound interference which is acceptable to GPTC.

4.0 AM STATION PROXIMITY

No AM Stations are located within 3.2 km of the proposed facility. Pursuant to 47 C.F.R. Section 1.30002(e), the construction or extension of an antenna-supporting structure shall be considered subject to the moment method analysis and prior notification requirement; however, the instant application does not propose to extend the existing structure or build a new structure. Thus, the proposed facility is exempt from further AM analysis consideration.

5.0 INTERNATIONAL COORDINATION

The KJPH-LP transmitter site is 787.8 AND 1614.3 km from the Canadian and Mexican border respectively and will not require coordination with international authorities.

6.0 RADIO FREQUENCY RADIATION COMPLIANCE

A theoretical analysis has been conducted of the human exposure to radio frequency radiation (“RFR”) using the calculation methodology described in OET Bulletin 65, Edition 97-01. The RFR analysis is conducted pursuant to the following methodology:

Terrain⁴ extraction is compiled from the proposed tower site to radial lengths of 0.25 miles in 0.001 mile increments for 360 radials. The power density is calculated for each terrain point at 6 feet above ground level using the elevation and azimuth pattern of the proposed broadcast antenna. The power density calculations are conducted using the lower edge of the proposed channel frequency. To account for ground reflections, a coefficient of 1.6 was included in the calculation.

The resulting cylindrical polar analysis is then summarized into a coordinate plane graph using the following methodology:

Starting from the origin the maximum calculated RFR value is determined among the 360 degree radials for each 0.001 mile increment, the value is then converted into a percentage of the maximum allowable general population or uncontrolled exposure and plotted as a function of perpendicular distance from the tower.

The resulting RFR study in Appendix F demonstrates that the peak exposure is 2.4% of the most restrictive permissible exposure threshold. Pursuant to OET

⁴ Terrain extraction is based upon a 3 arc second point spacing terrain database.

Bulletin 65 concerning multiple-user transmitter sites only those licensees whose transmitters produce power density levels greater than 5.0% of the exposure limit are considered significant contributors to RFR. Since the proposed operation is within 5% of the most permissible exposure at any location 2 meters above the ground, it is not considered a significant contributor to RFR exposure. Thus, contributions to exposure from other RF sources in the vicinity of the proposed facility were not taken into account. The instant application is compliant with the FCC limits for human exposure to RF radiation and is excluded from further environmental processing since no changes are proposed to the tower structure in order to accommodate the proposed antenna.

A chain link fence encloses the support structure and the applicant will cooperate with any other users of the tower by reducing the power to the antenna or if necessary completely cutting it off to protect maintenance workers on the tower.

7.0 CERTIFICATION

The foregoing statement and the report regarding the engineering work are true and correct to the best of my knowledge. Executed May 2, 2018.

Kessler and Gehman Associates, Inc.



Ryan Wilhour
Consulting Engineer

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

APPENDIX A – TVStudy v2.2.5 Channel Displacement Study

Study created: 2018.05.02 11:33:57

Study build station data: LMS TV 2018-04-30

Proposal: W08EG-D D8 LD LIC TOCCOA, GA

File number: BLDTV20091008ACL

Facility ID: 23924

Station data: LMS TV 2018-04-30

Record ID: e4abe67eefa748d3b74dcf6212b6c0ea

Country: U.S.

Build options:

Protect baseline records from LPTV

Search options:

Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	114.6 km
Yes	WGTV	D7	DT	BL	ATHENS, GA	DTVBL23948	114.6
No	W09AS-D	D7	LD	APP	BURNSVILLE, NC	BLANK0000053207	176.6
No	W11AH-D	D7	LD	APP	TRYON & COLUMBUS, NC	BLANK0000053209	125.5
No	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	244.8
No	WOLO-TV	D7	DT	BL	COLUMBIA, SC	DTVBL60963	244.8
No	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	164.0
No	WSFA	D8	DT	CP	MONTGOMERY, AL	BLANK0000025163	391.5
No	WSFA	D8	DT	BL	MONTGOMERY, AL	DTVBL13993	391.5
No	WUVM-LP	D8z	LD	APP	ATLANTA, GA	BLANK0000052455	126.4
No	WVAN-TV	D8	DT	CP	SAVANNAH, GA	BLANK0000025888	318.0
No	WVAN-TV	D8	DT	APP	SAVANNAH, GA	BLANK0000034200	318.0
No	WVAN-TV	D8	DT	BL	SAVANNAH, GA	DTVBL23947	318.0
No	WBNA	D8	DT	APP	LOUISVILLE, KY	BLANK0000035747	436.6
No	WBNA	D8	DT	LIC	LOUISVILLE, KY	BLCDT20021024AAB	436.6
No	W08BH	N8	TX	LIC	ANDREWS, ETC., NC	BLTT3301	82.1
No	W08BP-D	D8	LD	LIC	BEAVER DAM, NC	BLDTV20120629ABC	129.1
No	W08AN	N8	TX	LIC	BRYSON CITY, ETC., NC	BLTTV19800725IC	90.2
No	W08AO-D	D8	LD	LIC	CANTON, NC	BLDTV20120622ABH	114.5
No	W08AT-D	D8	LD	LIC	CHEROKEE, NC	BLDTV20120622ABM	96.2
No	WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000034761	455.2
No	WNCN	D8	DT	BL	GOLDSBORO, NC	DTVBL50782	455.2
No	W08AX	N8	TX	LIC	MARSHALL, NC	BLTTV1737	146.0
No	W08BF-D	D8	LD	LIC	SPRUCE PINE, NC	BLDTV20120622AAZ	181.8
Yes	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	94.6

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

Yes	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	94.6
Yes	WNTV	D8	DT	BL	GREENVILLE, SC	DTVBL61010	94.6
Yes	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	188.0
Yes	WDEF-TV	D8	DT	BL	CHATTANOOGA, TN	DTVBL54385	188.0
No	WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	422.8
No	WSWP-TV	D8	DT	APP	GRANDVIEW, WV	BLANK0000034625	422.8
No	WSWP-TV	D8	DT	BL	GRANDVIEW, WV	DTVBL71680	422.8
No	WEQT-LD	D9	LD	LIC	Atlanta, GA	BLANK0000004308	132.7
No	WMUM-TV	D9	DT	CP	COCHRAN, GA	BLANK0000034191	238.0
No	WMUM-TV	D9	DT	BL	COCHRAN, GA	DTVBL23935	238.0
No	W09AS-D	D9	LD	LIC	BURNSVILLE, NC	BLDTV20140623ABR	176.6
No	W09AG-D	D9	LD	LIC	FRANKLIN, NC	BLDTV20120622ABQ	65.7
No	W09AF-D	D9	LD	LIC	SYLVA, NC	BLDTV20120622ACL	85.3
No	W09AR-D	D9	LD	LIC	WEAVERVILLE, NC	BLDTV20120622ABD	137.7
No	WTVC	D9	DT	LIC	CHATTANOOGA, TN	BLCDT20090914ABU	188.4
No	WTVC	D9	DT	APP	CHATTANOOGA, TN	BLANK0000035651	188.4
No	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	231.0
No	WJHL-TV	D9	DT	BL	JOHNSON CITY, TN	DTVBL57826	231.0
No	W10AL-D	N10	TX	CP	CHEROKEE, ETC., NC	BPTTV20120306AAG	98.6
No	W10AJ	N10	TX	LIC	GREENVILLE, SC	BLTTV3015	94.0
No	W11AJ	N11	TX	LIC	FRANKLIN, NC	BLTTV19811211IC	65.4
No	W11AQ	N11	TX	LIC	ROBBINSVILLE, ETC., NC	BLTTV19821008IB	82.2
No	W12AR	N12	TX	LIC	WAYNESVILLE, ETC., NC	BLTTV4877	101.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D8

Mask: Stringent

Latitude: 34 36 32.30 N (NAD83)

Longitude: 83 21 50.50 W

Height AMSL: 470.0 m

HAAT: 0.0 m

Peak ERP: 0.150 kW

Antenna: SCA-DRV-2/3HC (ID 91887) 45.0 deg

Elev Pattnr: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.141 kW	72.5 m	22.2 km
45.0	0.134	167.9	31.6
90.0	0.141	234.8	36.7
135.0	0.135	187.8	33.2
180.0	0.032	206.2	25.8

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

225.0	0.000	60.0	5.1
270.0	0.032	33.6	10.6
315.0	0.135	1.6	14.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 121 m

Distance to Canadian border: 787.8 km

Distance to Mexican border: 1614.4 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 236.8 degrees Distance: 150.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 294.1 degrees Distance: 2019.9 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

**IX check failure to BLANK0000025034 CP scenario 1, 2.74% interference caused

...

**IX check failure to BLANK0000025034 CP scenario 288, 2.74% interference caused

**MX with BLANK0000034598 APP scenario 1, 2.19% interference caused

...

**MX with BLANK0000034598 APP scenario 288, 2.19% interference caused

**IX check failure to DTVBL61010 BL scenario 1, 2.70% interference caused

...

**IX check failure to DTVBL61010 BL scenario 288, 2.70% interference caused

---- Below is IX received by proposal BLDTV20091008ACL ----

Proposal receives 48.64% interference from scenario 1

**MX with BLANK0000034598 APP scenario 2, 45.67% interference received

APPENDIX B – FCC TOWAIR Study

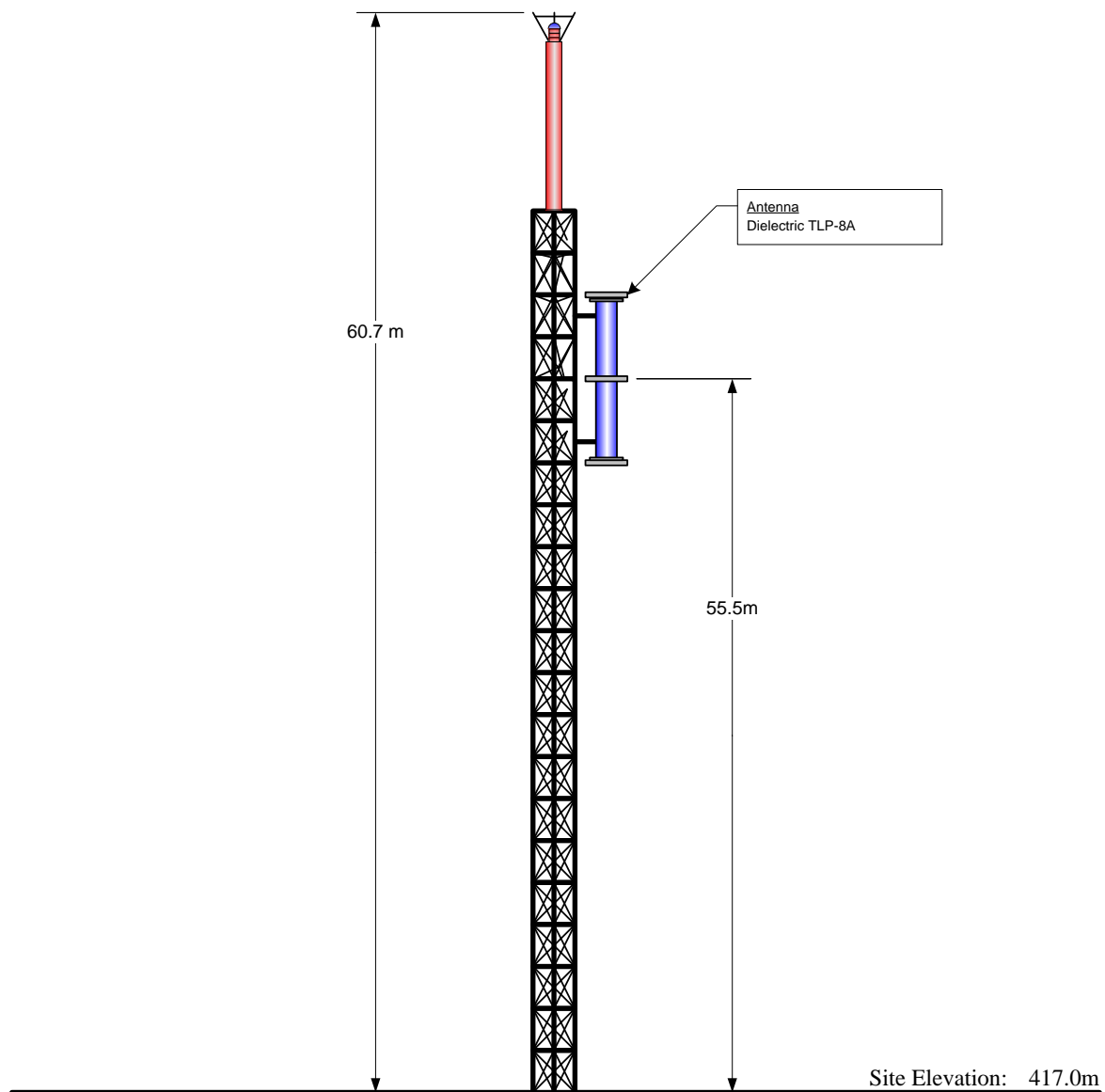
Antenna Structure Registration (ASR) filing determination was calculated from the FCC's structure registration tool:

<http://wireless2.fcc.gov/UlsApp/AsrSearch/towairSearch.jsp>

Results are as follows:

DETERMINATION Results							
PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 6367.88 MTRS (6.36789 KM) AWAY							
Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	34-35-6.00N	083-18-4.00W	TOCCOA RG LETOURNEAU FIELD	STEPHENS TOCCOA, GA	289.0	1526.4000000000001
PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 6208.77 MTRS (6.20880 KM) AWAY							
Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	34-35-43.00N	083-17-55.00W	TOCCOA RG LETOURNEAU FIELD	STEPHENS TOCCOA, GA	289.0	1526.4000000000001
Your Specifications							
NAD83 Coordinates							
Latitude						34-36-32.7 north	
Longitude						083-21-51.2 west	
Measurements (Meters)							
Overall Structure Height (AGL)						60.7	
Support Structure Height (AGL)						60.7	
Site Elevation (AMSL)						417	
Structure Type							
GTOWER - Guyed Structure Used for Communication Purposes							

APPENDIX C – Tower Elevation Diagram



Antenna CRAGL:	55.5 m
Antenna CRMSL:	472.5 m
Antenna HAAT:	122.6 m

NAD 83 Coordinates:	
N. Latitude:	34° 36' 32.7"
W. Longitude:	83° 21' 51.2"

NOTE: NOT TO SCALE

FCC Tower Registration Number:	N/A
FAA Study Number	N/A

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

APPENDIX D – TVStudy V2.2.5 Allocation Analysis

Study created: 2018.05.02 11:24:37

Study build station data: LMS TV 2018-05-01

Proposal: W08EG-D D15 LD LIC TOCCOA, GA
File number: W08EG Channel 15
Facility ID: 23924
Station data: User record
Record ID: 3021
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSKC-CD	D14	DC	CP	ATLANTA, GA	BLANK0000034530	101.1 km
No	WAGC-LD	D14	LD	LIC	ATLANTA, GA	BLDTL20130829AEC	126.4
No	WSB-TV	D14	LD	APP	ATLANTA, GA	BDRTCDT20090625ABT	176.1
No	WSKC-CD	D14	DC	BL	ATLANTA, GA	DTVBL35090	101.1
No	DWLFW-LP	D14	LD	APP	LAFAYETTE, GA	BDISDTL20091218AFB	188.1
No	W05AF	D14	LD	CP	CHEROKEE, NC	BDCCDTT20141125AZD	96.1
No	WHKY-TV	D14	DD	CP	HICKORY, NC	BLANK0000024614	223.0
No	WHKY-TV	D14	DD	APP	HICKORY, NC	BLANK0000034548	223.6
No	WHKY-TV	D14 (D40)	DD	BL	HICKORY, NC	DTVBL65919	223.0
No	W14EG-D	D14	LD	CP	ROBBINSVILLE, ETC, NC	BDCCDTT20120614AAH	82.1
Yes	WMYA-TV	D14	DT	LIC	ANDERSON, SC	BLCDT20080714AFN	100.2
No	WDSI-TV	D14	DT	CP	CHATTANOOGA, TN	BLANK0000034898	188.4
No	WDSI-TV	D14	DT	BL	CHATTANOOGA, TN	DTVBL71353	186.7
No	W14CX-D	D14	LD	LIC	KNOXVILLE, TN	BLDTL20090729ACQ	163.2
No	WLFG	D14	DD	CP	GRUNDY, VA	BLANK0000034517	272.7
No	WLFG	D14	DT	BL	GRUNDY, VA	DTVBL37808	272.7
No	W15AZ	N15-	TX	LIC	ALABASTER, AL	BLTTL19940809IB	350.6
No	W50BO	D15	LD	CP	ASHVILLE, AL	BDISDTL20091230AAV	276.9
No	WSSF-LD	D15	LD	LIC	FAYETTE, AL	BLDTL20080626AAG	422.9
No	WAFF	D15	DT	CP	HUNTSVILLE, AL	BLANK0000025101	290.1
No	WAFF	D15	DT	APP	HUNTSVILLE, AL	BLANK0000034153	290.1
No	WAFF	D15	DT	BL	HUNTSVILLE, AL	DTVBL591	290.1
No	WIDB-LD	D15	LD	CP	MONTGOMERY, AL	BNPDTL20091026ABH	370.6
No	WYAM-LD	D15	LD	LIC	PRICEVILLE, AL	BLDTL20130828AEQ	324.7
No	WDDZ-LD	D15	LD	CP	AUGUSTA, GA	BLANK0000036283	180.1
Yes	WRBL	D15	DT	LIC	COLUMBUS, GA	BLCDT20061013ABV	286.6
Yes	WGGD-LD	D15	LD	LIC	GAINESVILLE, GA	BLDTL20121213AIK	74.5
No	W15DG-D	D15	LD	CP	LENOX, GA	BNPDTL20100510ABH	366.0
No	WLCU-CD	D15	DC	CP	CAMPBELLSVILLE, KY	BLANK0000028622	353.0
No	WLCU-CD	D15	DC	BL	CAMPBELLSVILLE, KY	DTVBL8500	353.0
No	WKMR	D15	DT	LIC	MOREHEAD, KY	BMLED20120503ADU	396.6
No	WPBM-CD	D15	DC	CP	SCOTTSVILLE, KY	BLANK0000026401	348.3
No	WPBM-CD	D15	DC	BL	SCOTTSVILLE, KY	DTVBL30580	348.3
No	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	236.0
No	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	236.0
No	W21CK-D	D15	DC	BL	CHARLOTTE, NC	DTVBL67022	236.1
Yes	W15CW-D	D15	LD	LIC	FRANKLIN, NC	BLD2T20111227ABE	65.7
Yes	W15CW-D	D15	LD	CP	FRANKLIN, NC	BMPDTT20110127AAR	65.7
Yes	W15CW-D	D15	LD	CP	FRANKLIN, NC	BDISDTT20090824ACL	65.7
Yes	W31AZ-D	D15	LD	APP	HENDERSONVILLE, NC	BLANK0000052464	94.5
No	W15DR-D	D15	LD	CP	MAGGIE VALLEY, ETC, NC	BDCCDTT20120706ABQ	103.5
No	W15DY-D	D15	LD	CP	MARION, ETC., NC	BLANK0000001742	170.9
No	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	455.2
No	WRAZ	D15	DT	BL	RALEIGH, NC	DTVBL64611	455.2
No	W50DV-D	D15	LD	APP	SPARTA, NC	BLANK0000029790	293.5
No	WHWD-LD	D15	LD	APP	STATESVILLE, NC	BLANK0000029372	306.1

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

No	WQCW	D15	DT	CP	PORTSMOUTH, OH	BLANK0000025192	445.5
No	WQCW	D15	DT	BL	PORTSMOUTH, OH	DTVBL65130	445.2
No	W32BJ	D15+	LD	APP	BEAUFORT, ETC., SC	BLANK0000051901	345.6
Yes	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	245.3
Yes	WLTX	D15	DT	BL	COLUMBIA, SC	DTVBL37176	245.3
No	W15DC-D	D15	LD	CP	FLORENCE, SC	BLANK0000036248	370.5
Yes	W28DB-D	D15	LD	APP	HONEA PATH, SC	BLANK0000052465	94.5
No	WCYD-LD	D15	LD	LIC	MYRTLE BEACH, SC	BLANK0000006413	343.7
No	WCYD-LD	D15	LD	CP	MYRTLE BEACH, SC	BLANK0000036537	368.9
Yes	WNSC-TV	D15	DT	LIC	ROCK HILL, SC	BLEDT20060111AAK	215.8
No	WCNT-LP	D15-	LD	APP	CHATTANOOGA, TN	BLANK0000051756	188.8
Yes	WTNZ	D15	DT	CP	KNOXVILLE, TN	BLANK0000034160	163.6
Yes	WTNZ	D15	DT	BL	KNOXVILLE, TN	DTVBL19200	163.6
No	WZTV	D15	DT	LIC	NASHVILLE, TN	BLCDT20050309ACM	360.9
No	W43BO	D15	LD	CP	MARION, ETC., VA	BDISDTL20090910AAZ	303.3
No	WYGA-CD	D16	DC	LIC	ATLANTA, GA	BLDTL20090904ABS	132.7
No	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	175.8
No	WAGT-CD	D16	DC	CP	AUGUSTA, GA	BLANK0000035762	193.4
No	WELF-TV	D16	DT	LIC	DALTON, GA	BLCDT20130610ACF	189.2
No	WDMA-CD	D16	DC	CP	MACON, GA	BLANK0000034487	198.5
No	WGXA	D16	DT	LIC	MACON, GA	BLCDT20070501AAI	207.5
No	WDMA-CD	D16	DC	BL	MACON, GA	DTVBL21150	198.5
Yes	WPXA-TV	D16	DT	CP	ROME, GA	BLANK0000034338	122.2
Yes	WPXA-TV	D16	DT	BL	ROME, GA	DTVBL51969	122.2
No	W19CR-D	D16	LD	APP	TRYON, NC	BLANK0000053446	125.5
Yes	WGGG-TV	D16	DT	LIC	GREENVILLE, SC	BLCDT20130925AJI	94.5
No	WCTD-LP	N22-	TX	LIC	DUCKTOWN, TN	BLTTL20070622ADD	110.3
No	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	142.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Mask: Full Service
Latitude: 34 36 32.70 N (NAD83)
Longitude: 83 21 51.20 W
Height AMSL: 472.5 m
HAAT: 122.6 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	73.7 m	41.6 km
45.0	15.0	169.7	50.5
90.0	15.0	237.3	54.5
135.0	15.0	190.1	51.7
180.0	15.0	208.3	52.8
225.0	15.0	61.3	39.6
270.0	15.0	36.2	33.3
315.0	15.0	3.9	31.5

Distance to Canadian border: 787.8 km

Distance to Mexican border: 1614.3 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 236.8 degrees Distance: 150.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 294.1 degrees Distance: 2019.9 km

No land mobile station failures found

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

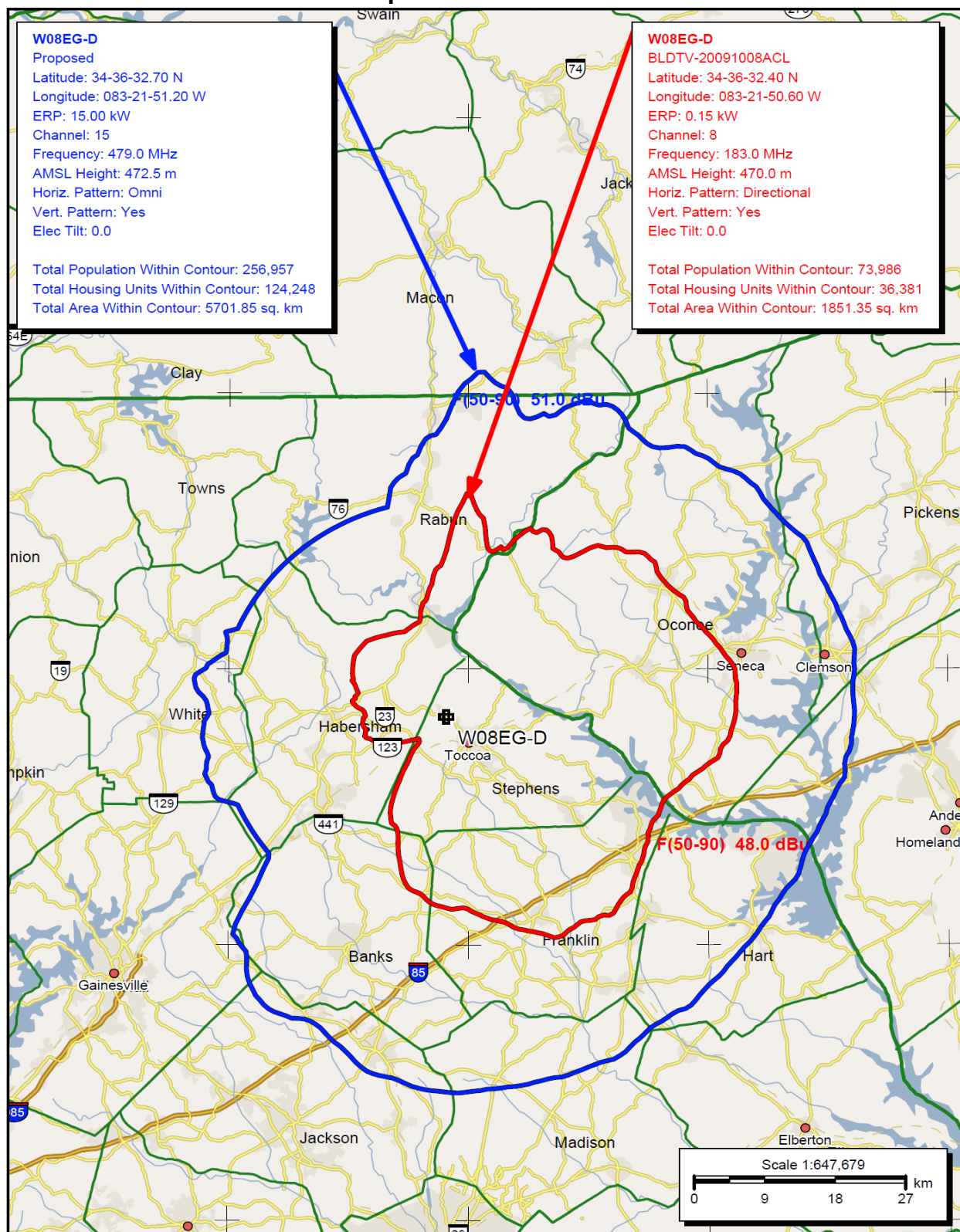
---- Below is IX received by proposal W08EG Channel 15 ----

**MX with scenario 1, 38.74% interference received
**MX with scenario 2, 38.82% interference received
**MX with scenario 3, 39.03% interference received

W08EG-D – Post Transition Channel Displacement Relief

Toccoa, GA

APPENDIX E – Licensed and Proposed Contour



APPENDIX F – Far Field Exposure to RF Emissions

