

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 154767

Channel 283

### **Description of Exhibit 12 Contents**

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

**Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.**

Page 2 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dBμ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

# **Adjacent Channel Study** **For Station W282BH, Facility\_id: 154767**

## **Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
634524	142582	BNPFT	20030312AJX	NEW	TRIAD FAMILY NETWORK, INC	D	BURLINGTON	NC	APP	0.055	260	283	0	65.4	0
1208407	155917	BLFT	20070928BBU	W284BN	WAKE FOREST UNIVERSITY	D	GREENSBORO	NC	LIC	0.013	342	284	1	70.5	0
256512	79178	BLFT	19971106TB	W280DB	POSITIVE ALTERNATIVE RADIO, INC.	D	LYNCHBURG	VA	LIC	0.01	425	280	3	81.5	0
629354	138712	BNPFT	20030311ADI	NEW	CSN INTERNATIONAL	D	DURHAM	NC	APP	0.019	190	284	1	82.8	0
641711	148876	BNPFT	20030317ETG	NEW	EDUCATIONAL MEDIA FOUNDATION	D	DURHAM	NC	APP	0.013	163	284	1	86.8	0
1239386	53597	BXMLH	20080404AAK	WDCG	CAPSTAR TX LIMITED PARTNERSHIP	C0	DURHAM	NC	LIC	1.8	465	286	3	87.5	0
514421	64082	BXLH	20000821ABX	WJJS	CAPSTAR TX LIMITED PARTNERSHIP	C2	ROANOKE	VA	LIC	6	416	285	2	89.5	0
1237579	145018	BLFT	20080306ABW	W283AZ	EDUCATIONAL INFORMATION CORPORATION	D	LYNCHBURG	VA	LIC	0.027	289	283	0	90.4	0
204777	67829	BLFT	19941212TG	W285DJ	TRIAD FAMILY NETWORK, INC,	D	MOUNT AIRY	NC	LIC	0.01	702	285	2	92.6	0
1290518	28340	BPH	20080114ACM	WXCF-FM	WVJT, LLC	A	BIG ISLAND	VA	CP	0.2	841.2	280	3	92.8	0
218297	58392	BLH	19960111KD	WTQR	CLEAR CHANNEL RADIO LICENSES, INC.	C	WINSTON-SALEM	NC	LIC	100	763	281	2	93	0
1287655	58392	BPH	20090108AJO	WTQR	CLEAR CHANNEL BROADCASTING LICENSES, I	C	WINSTON-SALEM	NC	CP	100	790	281	2	93.1	0
1069436	58392	BXLH	20050627ACF	WTQR	CLEAR CHANNEL BROADCASTING LICENSES, I	C	WINSTON-SALEM	NC	LIC	45	763	281	2	93.1	0
634553	142603	BNPFT	20030312AKD	NEW	TRIAD FAMILY NETWORK, INC	D	JAMESTOWN	NC	APP	0.019	327	285	2	93.6	0
1313969	64082	BXLH	20090522AAK	WJJS	CAPSTAR TX LIMITED PARTNERSHIP	C2	ROANOKE	VA	LIC	3.7	688	285	2	94.8	0
1004454	64082	BLH	20040723ADP	WJJS	CAPSTAR TX LIMITED PARTNERSHIP	C2	ROANOKE	VA	LIC	14.5	699	285	2	94.8	0
640998	148198	BNPFT	20030317EIM	NEW	EDUCATIONAL MEDIA FOUNDATION	D	APEX	NC	APP	0.1	222	284	1	112.2	0
641707	148873	BNPFT	20030317ESY	NEW	EDUCATIONAL MEDIA FOUNDATION	D	ROLESVILLE	NC	APP	0.019	170	284	1	114.6	0

## **Intermediate Frequencies (53 and 54 channels difference):**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
1338085	183352	BNPH	20091019ACI	NEW	UNITED STATES CP, LLC	A	LYNCHBURG	VA	APP	1.75	429	229	54	81.5	71.5
1334110	183352	BSFH	20090625ADN	NEW	UNITED STATES CP, LLC	A	LYNCHBURG	VA	APP	0	0	229	54	82.7	72.7