

[Exhibit 12]

## **Non-Interference Compliance**

Regarding Facility id 149547

Channel 212

### **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 dB $\mu$  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.

Page 3 of this exhibit is a map showing the 60dB $\mu$  F(50,50) contour of Fill-in Primary WYFH(FM), the 60 dB $\mu$  F(50,50) and 100 dB $\mu$  F(50,10) of the proposed translator and the city limits for North Charleston which is the city of license for the fill-in primary WYFH.

**Note: 47 C.F.R § 74.1204(e) allows fill-in translators that are 2<sup>nd</sup>/3<sup>rd</sup> adjacent to the primary station they are rebroadcasting provided that the translator does not interfere with the primary signal within the community of license of the primary station. The city of license for primary WYFH is North Charleston, SC. As demonstrated on the map, the interfering 100dB $\mu$  F(5010) contour of the proposed translator is outside the city limits of North Charleston and therefore this application meets the requirements of 47 C.F.R § 74.1204(e).**

**Adjacent Channel Study  
For Station W266BT, Facility\_id: 149547**

**Co-channel through third adjacent:**

Application_id	Facility_id	Prefix	ARN	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Overlap
165863	5095	BLED	19911016KA	WYFH	BIBLE BROADCASTING NETWORK, INC.	C2	NORTH CHARLESTON	SC	LIC	50	158	214	2	41.5	0.8354
1210396	173865	BNPED	20071016AGI	NEW	CALVARY CHAPEL MYRTLE BEACH	A	MCCLELLANVILLE	SC	CP	1.75	95	213	1	56	0
1115092	61006	BLED	20060221AER	WJWJ-FM	SOUTH CAROLINA EDUCATIONAL TELEVISION	C1	BEAUFORT	SC	LIC	47	340	210	2	79.2	0
1084163	61006	BSTA	20050921ACC	WJWJ-FM	SOUTH CAROLINA EDUCATIONAL TELEVISION	C1	BEAUFORT	SC	APP	31	339.8	210	2	79.2	0
70124	38505	BLED	19840607BZ	WLGI	LOUIS G. GREGORY BAHAI' INSTITUTE	C1	HEMINGWAY	SC	LIC	50	159	215	3	113.1	0
76083	60972	BLED	19850212KW	WSSB-FM	SOUTH CAROLINA STATE UNIVERSITY	C1	ORANGEBURG	SC	LIC	80	128	212	0	121.7	0
1339962	60998	BPED	20091027ACK	WHMC-FM	SOUTH CAROLINA EDUCATIONAL TELEVISION	C1	CONWAY	SC	APP	63	233.3	211	1	145.2	0
76204	60998	BLED	19850215LP	WHMC-FM	SOUTH CAROLINA EDUCATIONAL TV COMM.	C1	CONWAY	SC	LIC	29.5	235	211	1	145.3	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
1328013	25374	BPH	20090817ACA	WPAL-FM	CASWELL CAPITAL PARTNERS, LLC	C3	RIDGEVILLE	SC	CP	13	105.4	265	53	45.5	33.5
1265648	25374	BLH	20080929AQB	WPAL-FM	CHARLES W. CHERRY, RECEIVER FOR GRESHAM	C3	RIDGEVILLE	SC	LIC	5.7	223.2	265	53	59.1	47.1

# Proposed W266BT and Fill-In Primary WYFH(FM)



**ASR# 1059860, 91m, 140W, Channel 212, FM1, Primary WYFH(FM)**

**Gene Wisniewski**

**World Radio Link, Inc.**