

**Non-Interference Compliance for  
Calvary Chapel Church, Inc.  
Regarding Facility ID 138681 Channel 242**

**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. The applicant acknowledges that it will comply with 47 C.F.R. § 74.1203 in regards to resolving any interference that may occur.

Page 2 of this exhibit is an explanation of the method used to demonstrate compliance with contour overlap and interference provisions based on 47 C.F.R. § 74.1204(d), which states:  
*[A]n application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable.*

Page 3 contains a tabulation of the vertical radiation pattern of the proposed antenna and the minimum ground clearance of the interfering contour based on this pattern.

Page 4 includes tabulations of the vertical radiation pattern for the proposed antenna provided by the antenna manufacturer.

Page 5 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.

Page 6 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 minute quadrangle at full scale with the calculated area of interference overlaid. The sheet includes the quadrangle name and measurement scale at the bottom. The area of interference was calculated using the free space equation and 120 radials.

Page 7 of this exhibit is a high resolution aerial photo of the vicinity surrounding the proposed translator's tower site provided by the U.S. Geological Survey's National Aerial Photography Program. It has been included to provide clarification of the vicinity.

## Compliance with 47 C.F.R. § 74.1204(d)

All authorized second and third adjacent stations with which the proposed translator has contour overlap are tabulated below. Column four show the station's signal level at the proposed translator's tower site, and column five gives the minimum value within the entire standard interfering contour of the proposed translator (100 dBμ for most classes, 94 for class B, 97 for class B1). The minimum second or third adjacent F(50,50) contour within the proposed translator's standard interfering contour was used to calculate the proposed translator's actual "worst-case" interfering contour.

<b>Application ID</b>	<b>File Number</b>	<b>Callsign</b>	<b>Contour at Tower</b>	<b>Min. Contour</b>
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This instant application does not interfere with second and third adjacent stations at any location on the ground or above the ground. As such, no request for a waiver based on FCC 02-244 is needed.<sup>1</sup>

<b>Antenna Manufacturer:</b>	<b>Nicomm</b>
<b>Antenna Model:</b>	<b>BKG77</b>
<b>CORAGL:</b>	<b>42 m</b>
<b>Maximum ERP:</b>	<b>0.003 kW</b>
<b>Interfering Contour:</b>	<b>N/A dBμ</b>
<b>Max Int. Contour Distance:</b>	<b>N/A m</b>
<b>Ground Clearance:</b>	<b>N/A m</b>

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<sup>1</sup> This translator is proposed to be a fill-in translator to WPOW – Facility ID – 73893 – channel 243. Thus, this translator shall be first adjacent to WPOW.

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Facility ID	File Number	Callsign	Licensee	Sts	City	St	Cls	ERP	AMSL	Ch	Adj	Dist
28899	BLH20000626AET	WIKX	CITICASTERS LICENSES, INC.	LIC	CHARLOTTE HARBOR	FL	C1	100000	246	225	-54	6.93
73933	BLH20000928ABN	WXKB	WXKB LICENSE LIMITED PARTNERSHIP	LIC	CAPE CORAL	FL	C	100000	343	280	1	85.77
11037	BPED20101206ACG	WKZM	THE MOODY BIBLE INSTITUTE OF CHICAGO	CP	SARASOTA	FL	C3	25000	84	282	3	45.11
63984	BLH20111004ADI	WFUS	CITICASTERS LICENSES, INC.	LIC	GULFPORT	FL	C0	66000	491	278	-1	102.23
63984	BXPH20110216AAS	WFUS	CITICASTERS LICENSES, INC.	CP	GULFPORT	FL	C0	100000	307	278	-1	102.23
11037	BLED20010226AAC	WKZM	THE MOODY BIBLE INSTITUTE OF CHICAGO	LIC	SARASOTA	FL	A	6000	74	282	3	45.11
63984	BXLH20111019AFP	WFUS	CITICASTERS LICENSES, INC.	LIC	GULFPORT	FL	C0	10000	472	278	-1	102.23
140125	BNPFT20030314BQV	NEW	CITICASTERS LICENSES, L.P.	APP	PORT CHARLOTTE	FL	D	75	34	277	-2	21.99
149125	BNPFT20030317DCC	NEW	RADIO ASSIST MINISTRY, INC.	APP	BRADENTON	FL	D	250	109	276	-3	59.15
139003	BPFT20121030AAN	W277AP	SUN BROADCASTING INC.	APP	BAYSHORE	FL	D	82	90	277	-2	47.15
29567	BLH19920501KB	WAXY-FM	LINCOLN FINANCIAL MEDIA COMPANY OF FLORIDA	LIC	WEST PALM BEACH	FL	C0	100000	394	282	3	208.82
139236	BMPFT20121213AAK	W280DW	UNIVERSITY OF SOUTH FLORIDA BOARD OF TRUSTEES	CP	TAMPA	FL	D	250	123	280	1	129.97
139236	BLFT20130227ADO	W280DW	UNIVERSITY OF SOUTH FLORIDA BOARD OF TRUSTEES	MOD	TAMPA	FL	D	250	123	280	1	129.97
67604	BMLH20100810ABB	WQOL	CAPSTAR TX LLC	LIC	VERO BEACH	FL	C2	50000	147	279	0	205.55
53457	BMLH20031010ADD	WTKS-FM	CLEAR CHANNEL BROADCASTING LICENSES, INC.	LIC	COCOA BEACH	FL	C	94000	500	281	2	222.73
1246	BMLH20120529ADM	WIRK	PALM BEACH BROADCASTING LICENSE LLC	LIC	INDIANTOWN	FL	C1	90000	299	276	-3	212.15
139003	BLFT20120307AAC	W277AP	SUN BROADCASTING INC.	LIC	BAYSHORE	FL	D	38	79	277	-2	57.85

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