

**Non-Interference Compliance for
Reach Communications**
Regarding Facility ID 139096 Channel 246

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 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.

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.

Application ID	File Number	Callsign	Contour at Tower	Min. Contour
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This instant application does not interfere with second and third adjacent stations. As such, no request for a waiver based on FCC 02-244 is needed.¹

Antenna Manufacturer:	Nicomm
Antenna Model:	BKG77
CORAGL:	120 m
Maximum ERP:	0.099 kW
Interfering Contour:	N/A dBμ
Max Int. Contour Distance:	N/A m
Ground Clearance:	N/A m

¹ This translator shall become a "fill-in" translator to WKGR.

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Facility ID	File Number	Callsign	Licensee	Sts	City	St	Cls	ERP	AMSL	Ch	Adj	Dist
1918	BMLH19990319KD	WEAT	PALM BEACH BROADCASTING LICENSE LLC	LIC	WEST PALM BEACH	FL	C1	100000	133	300	54	9.54
153406	BLFT20070918AAO	W245AY	NATIONAL CHRISTIAN NETWORK INC	LIC	PALM SPRINGS	FL	D	45	50	245	-1	15.74
72984	BLH20050224ABL	WFLC	COX RADIO, INC. WPOW LICENSE LIMITED PARTNERSHIP	LIC	MIAMI	FL	C	98000	308	247	1	88.49
73893	BLH20050301ACH	WPOW		LIC	MIAMI	FL	C	98000	308	243	-3	88.49
72984	BXLH20041229AAU	WFLC	COX RADIO, INC.	LIC	MIAMI	FL	C	66540	215	247	1	88.49
156985	BNPFT20030317LWC	NEW	CARL TUTERA WPOW LICENSE LIMITED PARTNERSHIP	APP	PORT ST LUCIE	FL	D	190	26	246	0	66.64
73893	BXLH20050114AED	WPOW		LIC	MIAMI INDIAN RIVER SHORES	FL	C	65730	215	243	-3	88.49
63823	BLH19970501KE	WOSN	VERO BEACH BROADCASTERS, LLC	LIC		FL	C3	23000	109	246	0	113.31
157272	BNPFT20030317LTT	NEW	VERO BEACH BROADCASTERS, LLC FORT MYERS BROADCASTING COMPANY	APP	PORT ST. LUCIE	FL	D	250	45	245	-1	64.11
22094	BLH20060727AAL	WINK-FM		LIC	FORT MYERS	FL	C	98000	465	245	-1	164.54
85974	BLFT19981211TA	W244BD	WAY MEDIA INC	LIC	STUART LAUDERDALE LAKES	FL	D	800	44	244	-2	52.37
138625	BLFT20061101AAQ	W245BC	REACH COMMUNICATIONS, INC.	LIC		FL	D	67	40	245	-1	63.04
144438	BLFT20071207ABJ	W245BF	FLORIDA INTERNATIONAL UNIVERSITY	LIC	NORTH MIAMI	FL	D	99	27	245	-1	94.43
25872	BLH19890908KA	WPCV WDBO- FM	HALL COMMUNICATIONS, INC.	LIC	WINTER HAVEN	FL	C0	100000	340	248	2	207.85
23443	BLH20011219AAC		COX RADIO, INC. CORNERSTONE COMMUNITY RADIO, INC.	LIC	ORLANDO	FL	C	99000	463	243	-3	220.96
156409	BNPFT20030317HHQ	NEW WDBO- FM		APP	FORT ST. LUCIE	FL	D	250	30	248	2	65.64
23443	BXPH20110112ADD		COX RADIO, INC.	CP	ORLANDO	FL	C	96400	400	243	-3	220.96
139961	BNPFT20030314BSD	NEW	CAPSTAR TX LIMITED PARTNERSHIP	APP	FORT PIERCE	FL	D	250	56	248	2	73.77

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