

Non-Interference Compliance

Regarding Facility id 152259

Channel 206

Description of Exhibit 13 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 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 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.

Page 4 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-left corner (note: "Mt" refers to meters). The area of interference was calculated using the free space equation and 120 radials.

Page 5 of this exhibit is an aerial photo of the vicinity surrounding the proposed translator's tower site.

Note: The only structures within the zone of predicted interference are unoccupied communications buildings so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

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
1244456	BLED20080429AAG	WMUM-FM	79.3	79.3
Minimum F(50,50) Contour of Adjacent Station within Proposed Translator's Standard Interfering Contour				79.3

FCC 02-244 at Section II.A.5 states that "when demonstrating that 'no actual interference will occur due to . . . other factors,' pursuant to Section 74.1204(d), an applicant may use the undesired-to-desired signal ratio method." The undesired-to-desired ratio for second and third adjacent stations required by § 74.1204(a) is 40 dB. Since the minimum protected contour strength within the proposed translator's standard interference contour is **79.3 dBμ**, this makes the proposed translator's worst-case interfering contour **119.3 dBμ**. By the free-space equation, this contour is calculated to extend a maximum of **46.9 m** from the transmit antenna.

The interfering contour of the proposed translator was calculated for 120 radials and plotted on the pertinent portion of a USGS quadrangle (page 4 of this exhibit). As demonstrated on the quadrangle, there are no populated structures or highways within the area of interference (Note: FCC 02-244 at Section II.A.6 states that USGS quadrangles "have been recognized as acceptable to demonstrate lack of population").

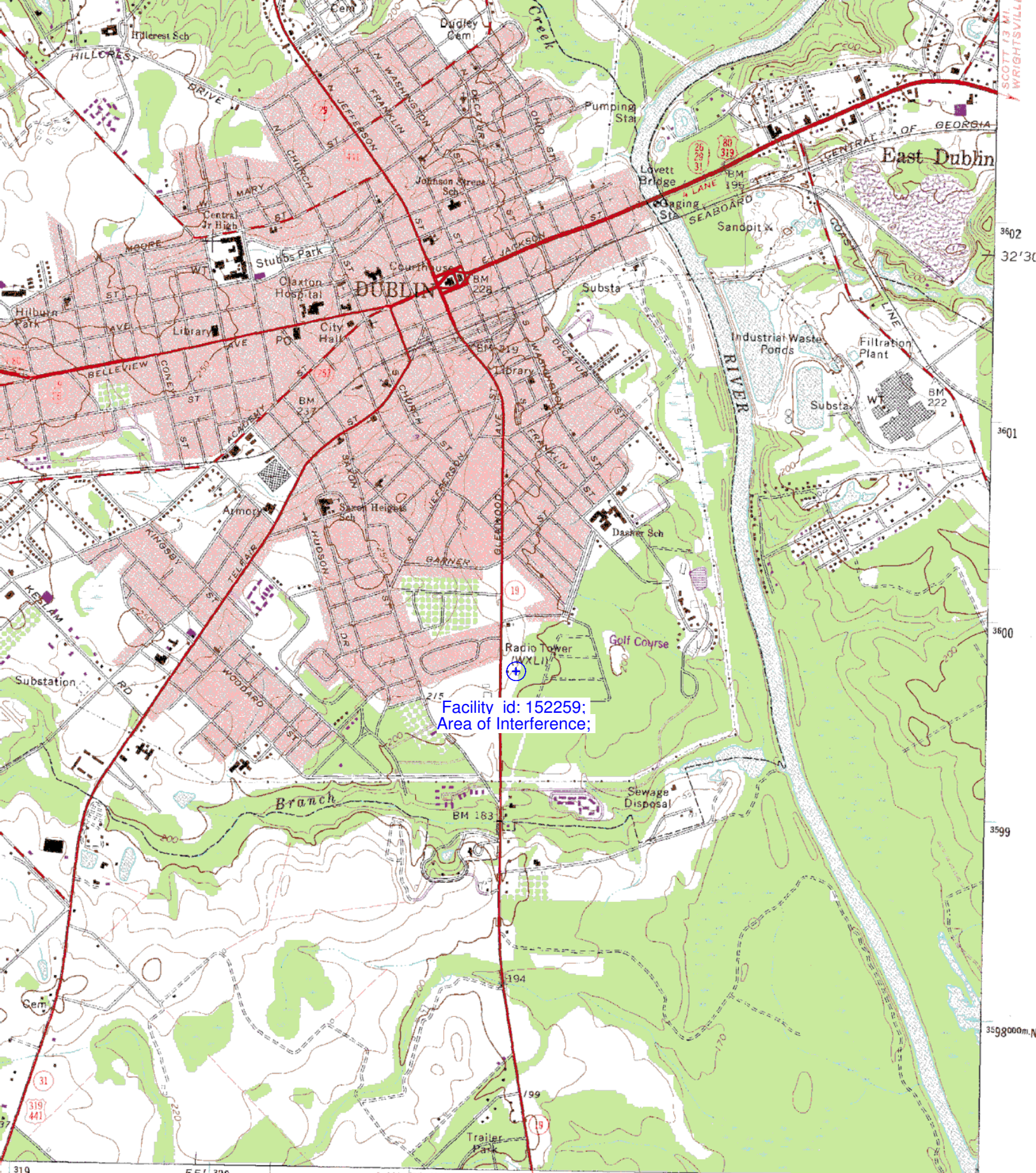
Note: The only structures within the zone of predicted interference are unoccupied communications buildings so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Antenna Manufacturer:	NIC
Antenna Model:	BKG77
CORAGL:	79 m
Maximum ERP:	0.038 kW
Interfering Contour:	119.3 dBμ
Max Int. Contour Distance:	46.9 m

Adjacent Channel Study
For Station W206BP, Facility_id: 152259

Co-channel through third adjacent:

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Chan	Adj	Dist	Overlap
1244456	23939	BLED-20080429AAG	WMUM-FM	GEORGIA PUBLIC TELECOMMUNICATIONS COMMIS	C0	COCHRAN	GA	LIC	100	408.6	209	3	33.8	0.2268
1061544	76358	BLED-20050510ABV	WBKG	AMERICAN FAMILY ASSOCIATION	C3	MACON	GA	LIC	5.5	264	205	1	67.3	0
252234	22871	BLED-19970818KA	WMOC	FULL GOSPEL CHURCH OF GOD WRITTEN	C2	LUMBER CITY	GA	LIC	50	113	204	2	68.9	0
1214516	176437	BNPED-20071022AWP	WHGA	MISSION SUPPORT SERVICE	C3	HAWKINSVILLE	GA	CP	14	162.6	203	3	73.3	0
586618	78537	BLFT-20011031ABN	W203BH	CALVARY CHAPEL OF TWIN FALLS, INC.	D	MACON	GA	LIC	0.01	247	203	3	80.7	0
534476	92979	BLED-20001115AAE	WJDS	AUGUSTA RADIO FELLOWSHIP INSTITUTE, INC	A	SPARTA	GA	LIC	2	194	204	2	88.4	0
1262912	176341	BNPED-20071022BIT	NEW	RADIO TRAINING NETWORK, INC.	C2	CLAXTON	GA	CP	45	123	205	1	103.2	0
596846	82835	BLED-20020305AAP	WBJY	AMERICAN FAMILY ASSOCIATION	C1	AMERICUS	GA	LIC	65	296	207	1	126.7	0
132240	60960	BLED-19890814KA	WLJK	SOUTH CAROLINA EDUCATIONAL TV COMMISSION	C1	AIKEN	SC	LIC	10	498	206	0	139.5	0



Facility id: 152259;
Area of Interference;

1 MILE
7000 FEET
1 KILOMETER

1 MI. TO INTERSTATE 16

322

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1988

323000m.E.

32° 52' 30"

82° 52' 30"

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

0Dublin; GA; Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt

