

KESSLER AND GEHMAN ASSOCIATES, INC.

ENGINEERING STATEMENT OF RYAN WILLOUR OF THE FIRM OF
KESSLER AND GEHMAN ASSOCIATES, INC., CONSULTING ENGINEERS IN
CONNECTION WITH A DIGITAL FLASH CUT APPLICATION TO A LICENSED
CLASS “A” BROADCAST TELEVISION STATION WJAN-CA
FCC FILE NUMBER BLTTL-19971010JK
SHERJAN BROADCASTING CO., INC.
MIAMI, FLORIDA

NARRATIVE STATEMENT

This firm has been retained by Sherjan Broadcasting Co., Inc. to prepare engineering studies and the engineering portion of FCC Form 301-CA for a digital channel flash cut application to the above referenced licensed Class A broadcast station WJAN-CA.

This application proposes to make the following changes to FCC license number BLTTL-19971010JK:

- Substitute the broadcast antenna.
- Move the transmitter site.
- Change emissions from analog to Digital with a stringent emission mask.
- Increase the effective antenna height above average terrain.
- Reduce the ERP.

The proposed facility will completely subsume the licensed facility and serve the community of license as demonstrated in exhibit E5.

ENGINEERING EXHIBITS

In carrying out the engineering studies the following attached exhibits were prepared:

1. Proposed engineering specifications (Exhibit E1)
2. Elevation drawing of the antenna system (Exhibit E2)
3. Antenna azimuth and elevation patterns (Exhibit E3)
4. USGS 7.5 minute topographic quadrangle showing the proposed transmitter location and coordinate lines (Exhibit E4)
5. Map demonstrating the predicted and licensed coverage contours (Exhibit E5)
6. Exhibits demonstrating interference compliance (Exhibit E6)
7. Environmental impact / RFR hazard analysis and methodology (Exhibit E7)

INTERFERENCE ANALYSIS

The following stations were analyzed for potential interference:

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	% New IX
40	WBEC-TV	BOCA RATON FL	56.7	LIC	BLEDT	-20071220ABP -----0.0022%
40	WGAY-LD	KEY WEST FL	167.2	CP	BDCCDTL	-20060921ADG -----
41	WGAY-LP	KEY WEST FL	167.2	APP	BSTA	-20060810AHM -----
41	WGAY-LP	KEY WEST FL	167.2	LIC	BLTTL	-20070220ABP -----
41	WZVN-TV	NAPLES FL	192.5	LIC	BLCDT	-20030619AAM -----0.0075%
41	WRBW	ORLANDO FL	346.2	LIC	BLCDT	-20060810AIX -----
41	NEW	WABASSCO FL	244.1	APP	BNPDTL	-20091112AIY -----
42	NEW	KEY WEST FL	173.1	APP	BNPTTL	-20000825AJT -----
42	NEW	KEY WEST FL	173.2	APP	BNPTTL	-20000830ANZ -----
42	WKRP-LP	KEY WEST FL	168.9	CP	BNPTTL	-20000821ABG -----
42	NEW	KEY WEST FL	173.2	APP	BNPTTL	-20000829AFH -----
42	W42DM	MARATHON FL	99.6	CP	BNPTTL	-20000828BHN -----
42	WHDN-DR	STUART FL	137.5	APP	BPRM	-20080620AOT -----
42	WHDN	STUART FL	117.5	CP MOD	BMPCDT	-20090115AFU -----0.4978%
42	NEW	SUMMERLAND KEY FL	141.3	APP	BNPTTL	-20000814ABM -----
43	W43AD	MATECUMBE FL	72.9	LIC	BLTTL	-20010725ADO -----
43	WWDN-CA	NAPLES FL	175.1	LIC	BLTTA	-20041022AEI -----
43	WTCN-CA	PALM BEACH FL	167.6	STA	BSTA	-20070706AAU -----
43	WTCN-CA	PALM BEACH FL	167.6	LIC	BLTTA	-20080109AGG -----
44	W44AC	KEY WEST FL	173.2	LIC	BLTTL	-20040302AAT -----
48	WDFL-LP	MARATHON FL	98.3	CP	BPTTL	-20061025AAE -----
48	WDFL-LP	MARATHON FL	98.3	LIC	BLTTL	-20060109AAV -----
48	WVHB-CA	STUART FL	176.0	CP	BPTTA	-20080804AEA -----
48	WVHB-CA	STUART FL	167.6	LIC	BLTTA	-20080109AGC -----
48	WVHB-CA	STUART FL	167.6	APP	BSTA	-20070706AAW -----
49	WKIZ-LP	KEY WEST FL	168.2	LIC	BLTTL	-20041025ADZ -----
49	W49CL	MIAMI FL	56.7	LIC	BLTTL	-20060124AAA -----

As demonstrated in Exhibit E6, none of the stations above are predicted to receive non-compliant interference.

ENVIRONMENTAL IMPACT / RFR HAZARD ANALYSIS

An analysis has been made of the human exposure to RFR using the calculation methodology described in OET Bulletin 65, Edition, 97-01. Exhibit E7 is a RFR study demonstrating compliance within 5% of the most restrictive permissible exposure at any location 2 meters above the ground (See Methodology). Exhibit E7 calculations were made using a frequency of 632 MHz, which is the lower edge of the proposed channel. To account for ground reflections, a coefficient of 1.6 was included in the calculations.

Pursuant to OET Bulletin 65 concerning multiple-user transmitter sites only those licensees whose transmitters produce power density levels greater than 5.0% of the exposure limit are considered significant contributors to RFR. Since the proposed operation is well within 5% of the most permissible exposure at any location 2 meters above the ground, it is not considered a significant contributor to RFR exposure. Thus, contributions to exposure from other RF sources in the vicinity of WJAN-CA were not taken into account. The instant proposal complies with the FCC limits for human exposure to RF radiation and thus is excluded from further environmental processing.

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA – Miami, FL

PAGE 4

DECLARATION OF ENGINEER

The foregoing statement and the report regarding the aforementioned engineering work are true and correct to the best of my knowledge. Executed on April 15, 2010.

KESSLER AND GEHMAN ASSOCIATES, INC.



Ryan Wilhour

Consulting Engineer

ENGINEERING SPECIFICATIONS

A. Transmitter Site (NAD 27):

N. Latitude: 25° 32' 23.6"

W. Longitude: 80° 28' 06.8"

FCC Tower Registration Number:

1024985

B. Proposed Facility:

Channel: 41

Frequency: 632-638 MHz

Emission Mask: Stringent

C. Antenna and Other Elevations:

Height of Site Above Mean Sea Level (AMSL) 2.4 m

Overall Height of Structure Above Ground 561.1 m

(including all appurtenances)

Overall Height of Structure Above Mean Sea Level 563.5 m

(including all appurtenances)

Average Terrain 1.6 m

Effective Height of Antenna Above Ground 507.5 m

Effective Height of Antenna Above Average Terrain 508.3 m

Effective Height of Antenna Above Mean Sea Level 509.9 m

D. Antenna Parameters - Horizontal Polarization:

Antenna Make Dielectric

Antenna Model DL-12

Antenna Gain in Beam Maximum 10.79 dB

Maximum Effective Radiated Power 11.76 dBkW

In Beam Maximum 15.0 kW

Line Loss (1735' of 4-1/16") 2.95 dB

Transmitter Power Output 2.47 kW

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

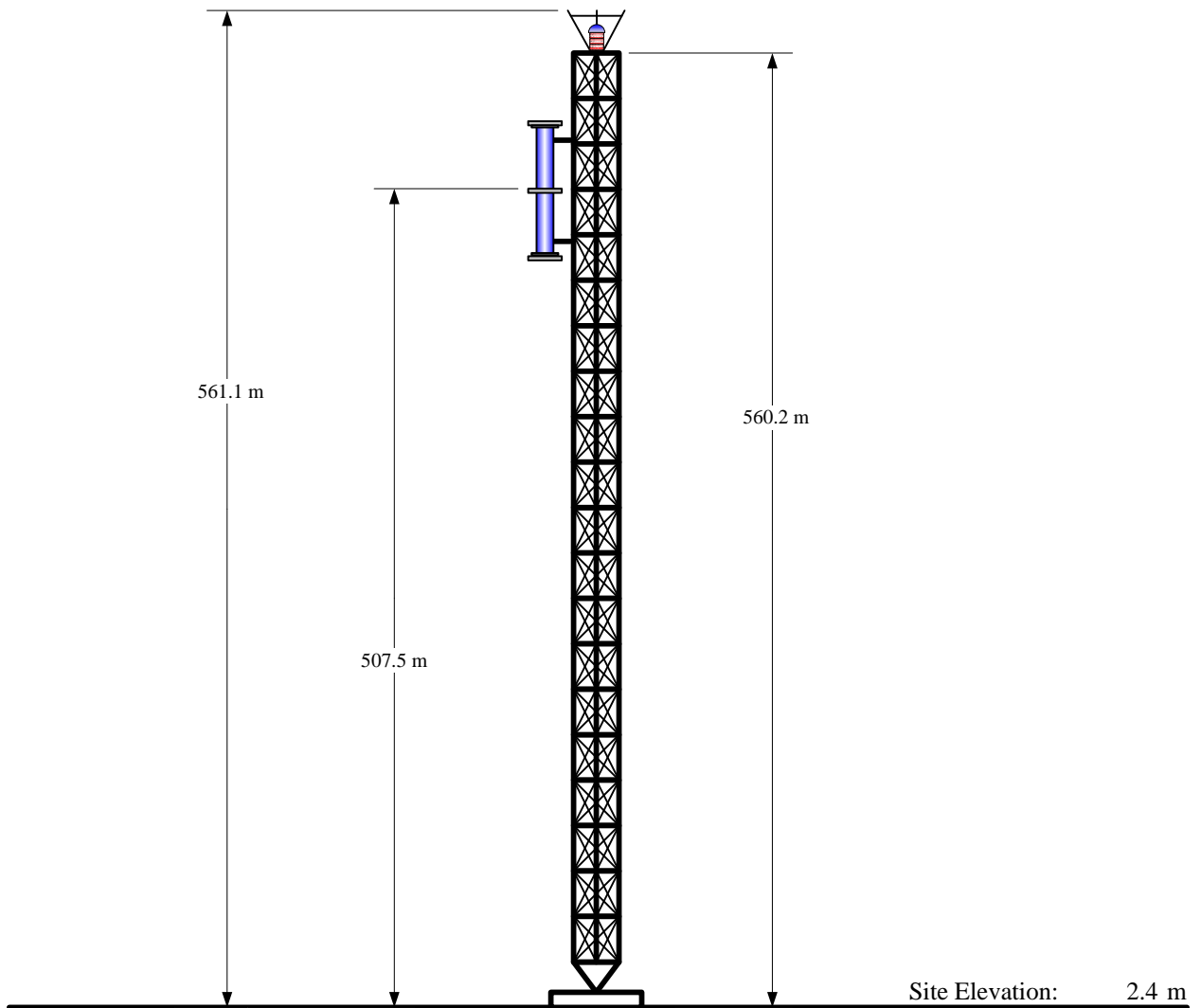
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA

MIAMI, FLORIDA

20100415

EXHIBIT E1



Overall Height AGL:	561.1 m
Overall Height AMSL:	563.5 m
Radiation Center AGL:	507.5 m
Radiation Center AMSL:	509.9 m
Radiation Center HAAT:	508.3 m
Average Terrain:	1.6 m

NOTE: NOT TO SCALE

NAD 27 Coordinates:

N. Latitude: 25° 32' 23.6"

N. Longitude: 80° 28' 06.8"

FAA Study Number: 93-ASO-0638-OE

FCC Tower Registration Number: 1024985

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA

MIAMI, FLORIDA

20100415

EXHIBIT E2

DIELECTRIC - DL-12

TABULATION OF RELATIVE FIELD FOR PROPOSED DIRECTIONAL ANTENNA

<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>	<u>AZIMUTH</u>	<u>RELATIVE FIELD</u>
N000°E	0.641	N180°E	0.996
N010°E	0.631	N190°E	0.981
N020°E	0.613	N200°E	0.955
N030°E	0.592	N210°E	0.920
N040°E	0.579	N220°E	0.876
N050°E	0.570	N230°E	0.826
N060°E	0.579	N240°E	0.771
N070°E	0.610	N250°E	0.714
N080°E	0.650	N260°E	0.661
N090°E	0.699	N270°E	0.615
N100°E	0.759	N280°E	0.583
N110°E	0.817	N290°E	0.569
N120°E	0.869	N300°E	0.571
N130°E	0.914	N310°E	0.586
N140°E	0.951	N320°E	0.607
N150°E	0.975	N330°E	0.627
N160°E	0.993	N340°E	0.640
N170°E	1.000	N350°E	0.645

MAXIMUM OF 1.000 AT N170°E
MINIMUM OF 0.568 AT N294°E and 0.570 AT N052°E

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

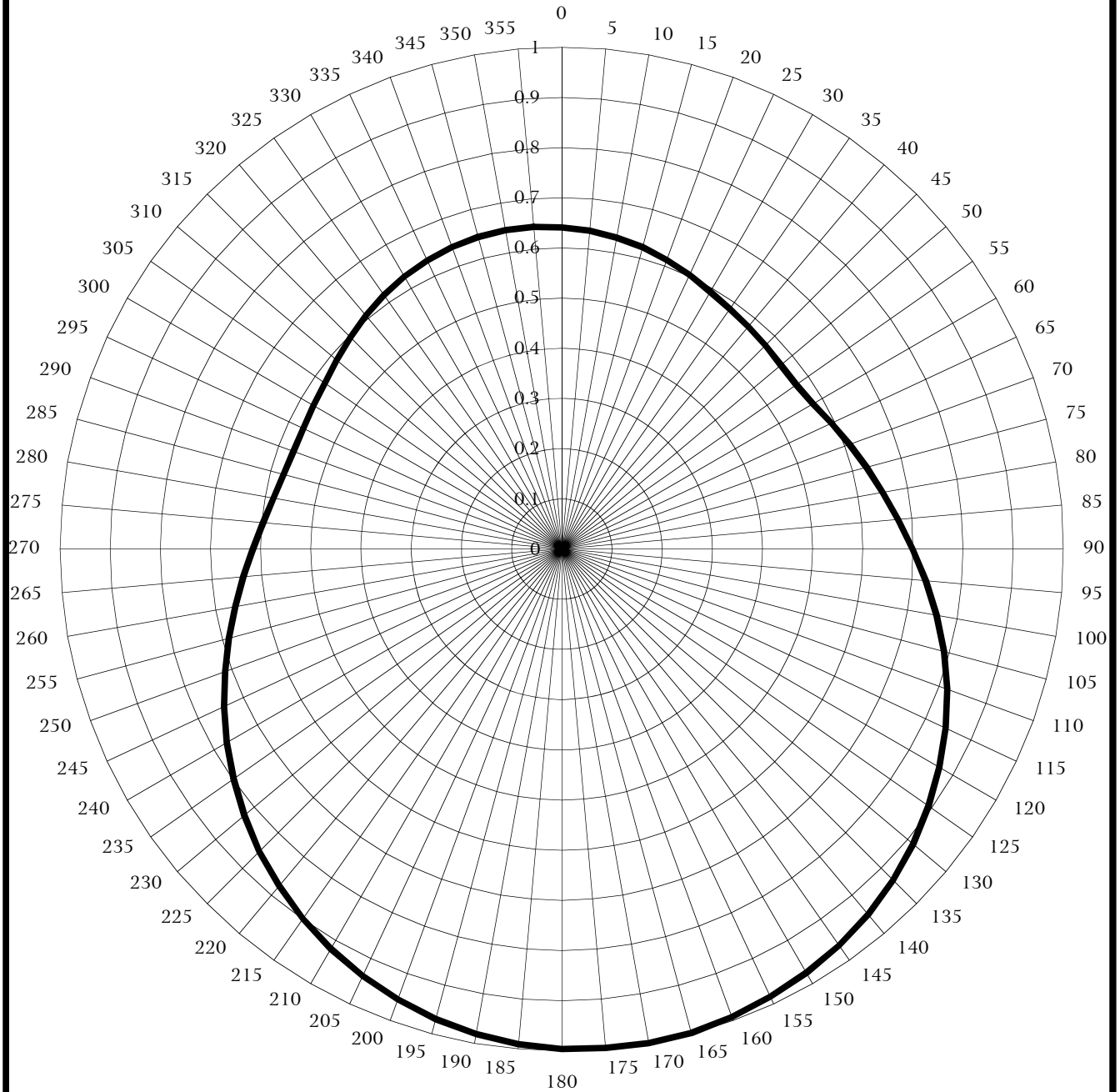
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA
MIAMI, FLORIDA

20100415

EXHIBIT E3A

RELATIVE FIELD AZIMUTH PATTERN



DIELECTRIC DL-12

ORIENTED WITH BEAM MAXIMA AT 170°

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS

507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA
MIAMI, FLORIDA

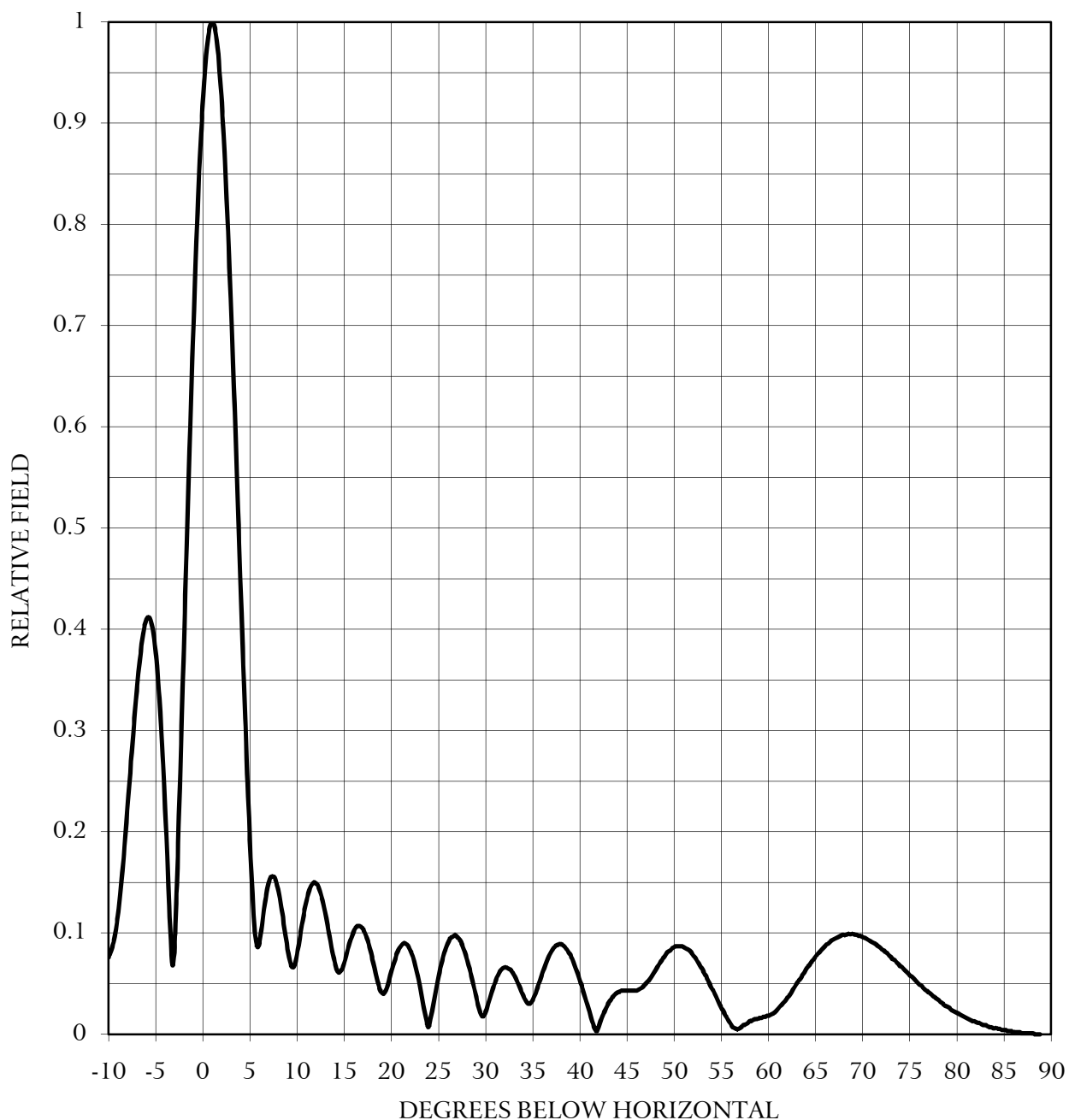
20100415

EXHIBIT E3B

ELEVATION PATTERN

DIELECTRIC - DL-12

Beam Tilt 1.0 deg
Frequency 635.0 MHz

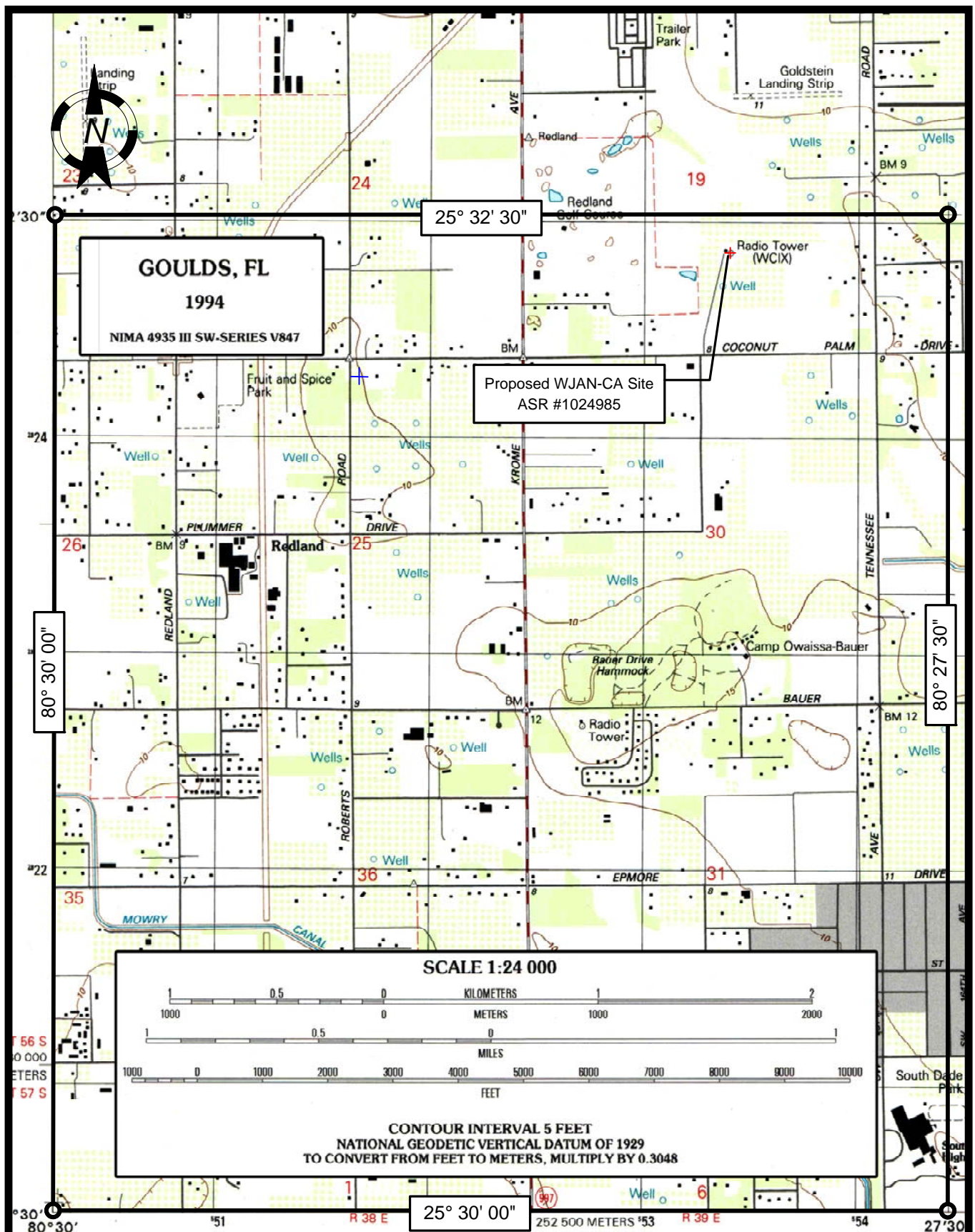


KESSLER & GEHMAN
TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C

WJAN-CA
MIAMI, FLORIDA

20100415

EXHIBIT E3C



KESSLER & GEHMAN

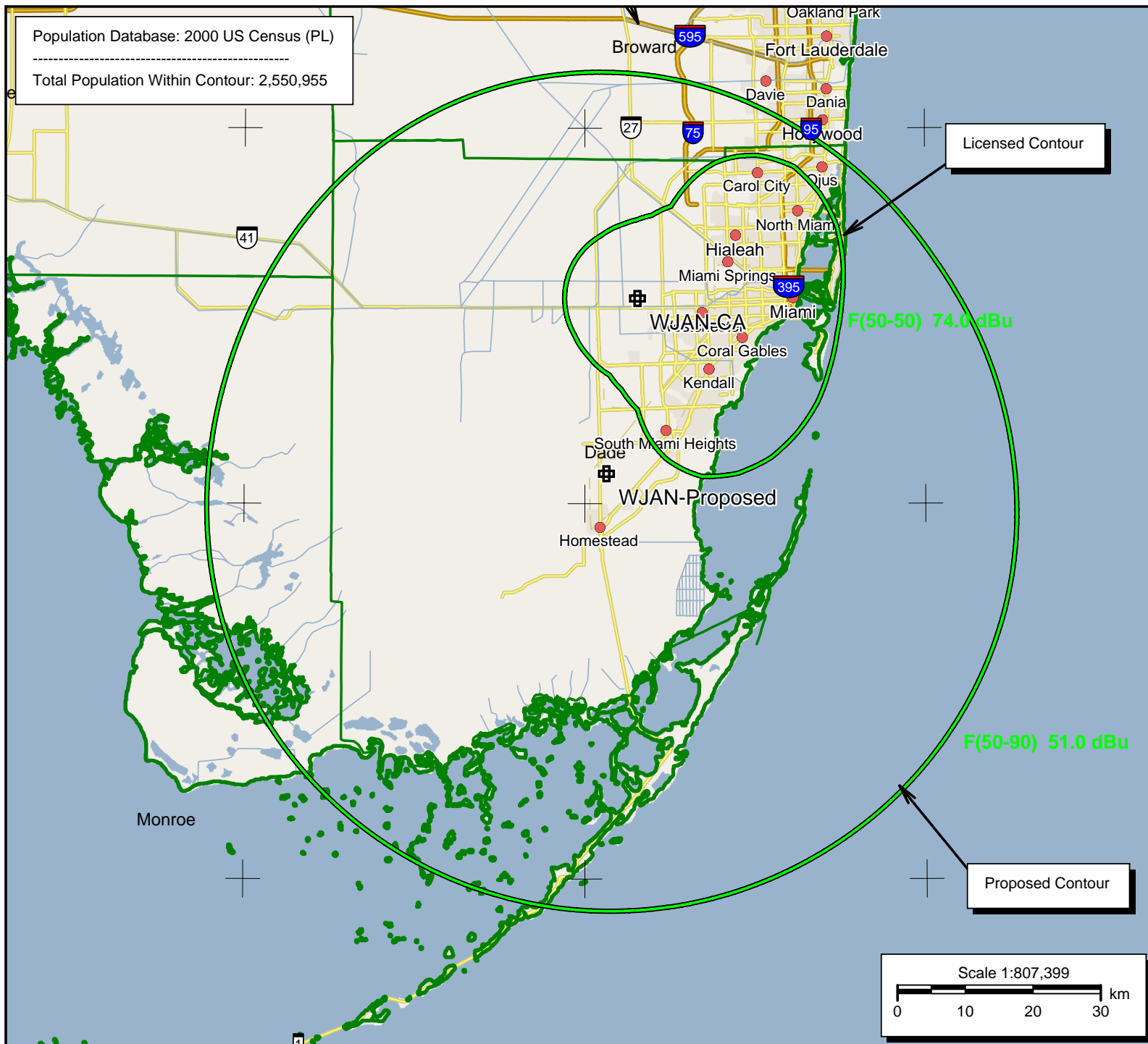
TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA

MIAMI, FLORIDA

20100415

EXHIBIT E4



WJAN-Proposed
PROP - 1024985
Latitude: 25-32-23.60 N
Longitude: 080-28-06.80 W
ERP: 15.00 kW
Channel: 41
AMSL Height: 509.9 m
Horiz. Pattern: Directional

WJAN-CA
BLTTL19971010JK
Latitude: 25-46-24 N
Longitude: 080-25-22 W
ERP: 101.00 kW
Channel: 41+
AMSL Height: 159.0 m
Horiz. Pattern: Directional

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 1 of 24

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-15-2010 Time: 10:11:17

Record Selected for Analysis

WJAN-PRO USERRECORD-01 MIAMI FL US
Channel 41 ERP 15. kW HAAT 508. m RCAMSL 00510 m STRINGENT MASK
Latitude 025-32-24 Longitude 0080-28-07
Status APP Zone 1 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 170.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	6.163	508.1	59.2
45.0	4.951	508.0	57.9
90.0	7.329	508.6	60.3
135.0	13.029	508.4	63.7
180.0	14.850	508.2	64.5
225.0	10.850	507.9	62.6
270.0	5.673	508.8	58.7
315.0	5.328	508.9	58.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 2 of 24

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
41	WJAN-PRO	MIAMI FL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WBEC-TV	BOCA RATON FL	56.7	LIC	BLEDT	-20071220ABP
40	WGAY-LD	KEY WEST FL	167.2	CP	BDCCDTL	-20060921ADG
41	WGAY-LP	KEY WEST FL	167.2	APP	BSTA	-20060810AHM
41	WGAY-LP	KEY WEST FL	167.2	LIC	BLTTL	-20070220ABP
41	WZVN-TV	NAPLES FL	192.5	LIC	BLCDT	-20030619AAM
41	WRBW	ORLANDO FL	346.2	LIC	BLCDT	-20060810AIX
41	NEW	WABASSCO FL	244.1	APP	BNPDTL	-20091112AIY
42	NEW	KEY WEST FL	173.1	APP	BNPTTL	-20000825AJT
42	NEW	KEY WEST FL	173.2	APP	BNPTTL	-20000830ANZ
42	WKRP-LP	KEY WEST FL	168.9	CP	BNPTTL	-20000821ABG
42	NEW	KEY WEST FL	173.2	APP	BNPTTL	-20000829AFH
42	W42DM	MARATHON FL	99.6	CP	BNPTTL	-20000828BHN
42	WHDT-DR	STUART FL	137.5	APP	BPRM	-20080620AOT
42	WHDT	STUART FL	117.5	CP MOD	BMPCDT	-20090115AFU
42	NEW	SUMMERLAND KEY FL	141.3	APP	BNPTTL	-20000814ABM
43	W43AD	MATECUMBE FL	72.9	LIC	BLTTL	-20010725ADO
43	WWDT-CA	NAPLES FL	175.1	LIC	BLTTA	-20041022AEI
43	WTCN-CA	PALM BEACH FL	167.6	STA	BSTA	-20070706AAU
43	WTCN-CA	PALM BEACH FL	167.6	LIC	BLTTA	-20080109AGG
44	W44AC	KEY WEST FL	173.2	LIC	BLTTL	-20040302AAT
48	WDFL-LP	MARATHON FL	98.3	CP	BPTTL	-20061025AAE
48	WDFL-LP	MARATHON FL	98.3	LIC	BLTTL	-20060109AAV
48	WWHB-CA	STUART FL	176.0	CP	BPTTA	-20080804AEA
48	WWHB-CA	STUART FL	167.6	LIC	BLTTA	-20080109AGC
48	WWHB-CA	STUART FL	167.6	APP	BSTA	-20070706AAW
49	WKIZ-LP	KEY WEST FL	168.2	LIC	BLTTL	-20041025ADZ
49	W49CL	MIAMI FL	56.7	LIC	BLTTL	-20060124AAA

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WBEC-TV	BOCA RATON FL	BLEDT	-20071220ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WACX	LEESBURG FL	302.1	LIC	BLCDT	-20060117ACC
40	WACX	LEESBURG FL	302.1	PLN	DTVPLN	-DTVP1425
41	WZVN-TV	NAPLES FL	182.0	LIC	BLCDT	-20030619AAM
41	WZVN-TV	NAPLES FL	182.0	PLN	DTVPLN	-DTVP1458
41	WJAN-PRO	MIAMI FL	56.7	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 1 WBEC-TV
 Before Analysis

Results for: 40A FL BOCA RATON BLEDT 20071220ABP LIC
 HAAT 285.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4849700	19720.8
not affected by terrain losses	4849700	19720.8

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 3 of 24

lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 40A FL BOCA RATON BLEDT 20071220ABP LIC
HAAT 285.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4849700	19720.8
not affected by terrain losses	4849700	19720.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106	792.3
lost to ATV IX only	106	792.3
lost to all IX	106	792.3

Potential Interfering Stations Included in above Scenario 1

41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.0022%

Result key: 2
Scenario 2 Affected station 1 WBEC-TV
Before Analysis

Results for: 40A FL BOCA RATON BLEDT 20071220ABP LIC
HAAT 285.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4849700	19720.8
not affected by terrain losses	4849700	19720.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 40A FL BOCA RATON BLEDT 20071220ABP LIC
HAAT 285.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4849700	19720.8
not affected by terrain losses	4849700	19720.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	106	792.3
lost to ATV IX only	106	792.3
lost to all IX	106	792.3

Potential Interfering Stations Included in above Scenario 2

41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.0022%

Worst case new IX 0.0022% Scenario 1

#####

Analysis of Interference to Affected Station 2

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 4 of 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WGAY-LD	KEY WEST FL	BDCCDTL -20060921ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	W57DU-D	BROWNSVILLE FL	222.9	CP	BDISDTL -20090629ACN
39	W39AC	KEY WEST FL	6.5	LIC	BLTTL -20060103AAI
39	NEW	MIAMI FL	205.0	APP	BDCCDTL -20070413AFB
40	WBEC-TV	BOCA RATON FL	221.0	LIC	BLEDT -20071220ABP
40	WBEC-TV	BOCA RATON FL	222.9	PLN	DTVPLN -DTVP1423
40	W40CU-D	ST. PETERSBURG FL	378.1	LIC	BLDTL -20100202ABT
41	WGAY-LP	KEY WEST FL	0.0	APP	BSTA -20060810AHM
41	WGAY-LP	KEY WEST FL	0.0	LIC	BLTTL -20070220ABP
41	WJAN-PRO	MIAMI FL	167.2	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WGAY-LP	KEY WEST FL	BSTA -20060810AHM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WGAY-LD	KEY WEST FL	0.0	CP	BDCCDTL -20060921ADG
41	WZVN-TV	NAPLES FL	250.1	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	250.1	PLN	DTVPLN -DTVP1458
41	NEW	WABASSCO FL	374.2	APP	BNPDTL -20091112AIY
42	NEW	KEY WEST FL	6.3	APP	BNPTTL -20000825AJT
42	NEW	KEY WEST FL	6.5	APP	BNPTTL -20000830ANZ
42	WKRP-LP	KEY WEST FL	1.7	CP	BNPTTL -20000821ABG
42	NEW	KEY WEST FL	6.5	APP	BNPTTL -20000829AFH
42	NEW	SUMMERLAND KEY FL	28.2	APP	BNPTTL -20000814ABM
41	WJAN-PRO	MIAMI FL	167.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WGAY-LP	KEY WEST FL	BLTTL -20070220ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WGAY-LD	KEY WEST FL	0.0	CP	BDCCDTL -20060921ADG
41	WZVN-TV	NAPLES FL	250.1	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	250.1	PLN	DTVPLN -DTVP1458
41	NEW	WABASSCO FL	374.2	APP	BNPDTL -20091112AIY
42	NEW	KEY WEST FL	6.3	APP	BNPTTL -20000825AJT
42	NEW	KEY WEST FL	6.5	APP	BNPTTL -20000830ANZ
42	WKRP-LP	KEY WEST FL	1.7	CP	BNPTTL -20000821ABG
42	NEW	KEY WEST FL	6.5	APP	BNPTTL -20000829AFH
41	WJAN-PRO	MIAMI FL	167.2	APP	USERRECORD-01

Proposal causes no interference

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 5 of 24

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	WZVN-TV	NAPLES FL	BLCDDT	-20030619AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WBEC-TV	BOCA RATON FL	182.0	LIC	BLEDT	-20071220ABP
40	WBEC-TV	BOCA RATON FL	183.3	PLN	DTVPLN	-DTVP1423
40	WACX	LEESBURG FL	207.3	LIC	BLCDDT	-20060117ACC
40	WACX	LEESBURG FL	207.2	PLN	DTVPLN	-DTVP1425
41	WRBW	ORLANDO FL	210.4	LIC	BLCDDT	-20060810AIX
41	WRBW	ORLANDO FL	210.4	PLN	DTVPLN	-DTVP1459
42	WXPX-TV	BRADENTON FL	121.1	CP	BPCDDT	-20080620AKT
42	WXPX	BRADENTON FL	121.1	PLN	DTVPLN	-DTVP1490
42	WXPX-TV	BRADENTON FL	121.1	LIC	BLCDDT	-20030109AEP
42	WHDT-DR	STUART FL	167.6	APP	BPRM	-20080620AOT
42	WHDT	STUART FL	167.5	PLN	DTVPLN	-DTVP1492
42	WHDT	STUART FL	153.7	CP MOD	BMPDDT	-20090115AFU
41	WJAN-PRO	MIAMI FL	192.5	APP	USERRECORD-01	

Total scenarios = 12

Result key: 3

Scenario 1 Affected station 5 WZVN-TV

Before Analysis

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC

HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38156	844.7
lost to ATV IX only	38156	844.7
lost to all IX	38156	844.7

Potential Interfering Stations Included in above Scenario 1

41A FL ORLANDO	BLCDDT	20060810AIX	LIC
42A FL BRADENTON	BPCDDT	20080620AKT	CP

After Analysis

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC

HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38267	1515.0
lost to ATV IX only	38267	1515.0
lost to all IX	38267	1515.0

Potential Interfering Stations Included in above Scenario 1

41A FL ORLANDO	BLCDDT	20060810AIX	LIC
42A FL BRADENTON	BPCDDT	20080620AKT	CP
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0075%

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 6 of 24

Result key: 4
 Scenario 2 Affected station 5 WZVN-TV
 Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29935	788.9
lost to ATV IX only	29935	788.9
lost to all IX	29935	788.9

Potential Interfering Stations Included in above Scenario 2

41A FL ORLANDO BLCDT 20060810AIX LIC
 42A FL BRADENTON DTVPLN DTVPL1490 PLN

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30046	1459.2
lost to ATV IX only	30046	1459.2
lost to all IX	30046	1459.2

Potential Interfering Stations Included in above Scenario 2

41A FL ORLANDO BLCDT 20060810AIX LIC
 42A FL BRADENTON DTVPLN DTVPL1490 PLN
 41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.0074%

Result key: 5
 Scenario 3 Affected station 5 WZVN-TV
 Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29935	788.9
lost to ATV IX only	29935	788.9
lost to all IX	29935	788.9

Potential Interfering Stations Included in above Scenario 3

41A FL ORLANDO BLCDT 20060810AIX LIC
 42A FL BRADENTON BLCDT 20030109AEP LIC

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30046	1459.2
lost to ATV IX only	30046	1459.2
lost to all IX	30046	1459.2

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 7 of 24

Potential Interfering Stations Included in above Scenario 3

41A FL ORLANDO	BLCDT	20060810AIX	LIC
42A FL BRADENTON	BLCDT	20030109AEP	LIC
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Result key: 6
Scenario 4 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38730	915.3
lost to ATV IX only	38730	915.3
lost to all IX	38730	915.3

Potential Interfering Stations Included in above Scenario 4

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BPCDT	20080620AKT	CP

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38841	1585.6
lost to ATV IX only	38841	1585.6
lost to all IX	38841	1585.6

Potential Interfering Stations Included in above Scenario 4

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BPCDT	20080620AKT	CP
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0075%

Result key: 7
Scenario 5 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30509	860.4
lost to ATV IX only	30509	860.4
lost to all IX	30509	860.4

Potential Interfering Stations Included in above Scenario 5

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	DTVPLN	DTVP1490	PLN

After Analysis

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 8 of 24

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30620	1530.7
lost to ATV IX only	30620	1530.7
lost to all IX	30620	1530.7

Potential Interfering Stations Included in above Scenario 5

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	DTVPLN	DTVP1490	PLN
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Result key: 8
Scenario 6 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30509	860.4
lost to ATV IX only	30509	860.4
lost to all IX	30509	860.4

Potential Interfering Stations Included in above Scenario 6

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BLCDDT	20030109AEP	LIC

After Analysis

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30620	1530.7
lost to ATV IX only	30620	1530.7
lost to all IX	30620	1530.7

Potential Interfering Stations Included in above Scenario 6

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BLCDDT	20030109AEP	LIC
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Result key: 9
Scenario 7 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38156	844.7
lost to ATV IX only	38156	844.7

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 9 of 24

lost to all IX 38156 844.7

Potential Interfering Stations Included in above Scenario 7

41A FL ORLANDO	BLCDT	20060810AIX	LIC
42A FL BRADENTON	BPCDT	20080620AKT	CP

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38267	1515.0
lost to ATV IX only	38267	1515.0
lost to all IX	38267	1515.0

Potential Interfering Stations Included in above Scenario 7

41A FL ORLANDO	BLCDT	20060810AIX	LIC
42A FL BRADENTON	BPCDT	20080620AKT	CP
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0075%

Result key: 10
Scenario 8 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29935	788.9
lost to ATV IX only	29935	788.9
lost to all IX	29935	788.9

Potential Interfering Stations Included in above Scenario 8

41A FL ORLANDO	BLCDT	20060810AIX	LIC
42A FL BRADENTON	DTVPLN	DTVP1490	PLN

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30046	1459.2
lost to ATV IX only	30046	1459.2
lost to all IX	30046	1459.2

Potential Interfering Stations Included in above Scenario 8

41A FL ORLANDO	BLCDT	20060810AIX	LIC
42A FL BRADENTON	DTVPLN	DTVP1490	PLN
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Result key: 11
Scenario 9 Affected station 5 WZVN-TV
Before Analysis

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 10 of 24

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29935	788.9
lost to ATV IX only	29935	788.9
lost to all IX	29935	788.9

Potential Interfering Stations Included in above Scenario 9

41A FL ORLANDO BLCDT 20060810AIX LIC
42A FL BRADENTON BLCDT 20030109AEP LIC

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30046	1459.2
lost to ATV IX only	30046	1459.2
lost to all IX	30046	1459.2

Potential Interfering Stations Included in above Scenario 9

41A FL ORLANDO BLCDT 20060810AIX LIC
42A FL BRADENTON BLCDT 20030109AEP LIC
41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.0074%

Result key: 12
Scenario 10 Affected station 5 WZVN-TV
Before Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38730	915.3
lost to ATV IX only	38730	915.3
lost to all IX	38730	915.3

Potential Interfering Stations Included in above Scenario 10

41A FL ORLANDO DTVPLN DTVPL1459 PLN
42A FL BRADENTON BPCDT 20080620AKT CP

After Analysis

Results for: 41A FL NAPLES BLCDT 20030619AAM LIC
HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	38841	1585.6
lost to ATV IX only	38841	1585.6
lost to all IX	38841	1585.6

Potential Interfering Stations Included in above Scenario 10

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 11 of 24

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BPCDT	20080620AKT	CP
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0075%

Result key: 13
 Scenario 11 Affected station 5 WZVN-TV
 Before Analysis

Results for: 41A FL NAPLES BLC DT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30509	860.4
lost to ATV IX only	30509	860.4
lost to all IX	30509	860.4

Potential Interfering Stations Included in above Scenario 11

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	DTVPLN	DTVP1490	PLN

After Analysis

Results for: 41A FL NAPLES BLC DT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30620	1530.7
lost to ATV IX only	30620	1530.7
lost to all IX	30620	1530.7

Potential Interfering Stations Included in above Scenario 11

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	DTVPLN	DTVP1490	PLN
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Result key: 14
 Scenario 12 Affected station 5 WZVN-TV
 Before Analysis

Results for: 41A FL NAPLES BLC DT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30509	860.4
lost to ATV IX only	30509	860.4
lost to all IX	30509	860.4

Potential Interfering Stations Included in above Scenario 12

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BLC DT	20030109AEP	LIC

After Analysis

Results for: 41A FL NAPLES BLC DT 20030619AAM LIC
 HAAT 454.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
--	------------	--------------

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 12 of 24

within Noise Limited Contour	1523892	32879.2
not affected by terrain losses	1523892	32879.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30620	1530.7
lost to ATV IX only	30620	1530.7
lost to all IX	30620	1530.7

Potential Interfering Stations Included in above Scenario 12

41A FL ORLANDO	DTVPLN	DTVP1459	PLN
42A FL BRADENTON	BLCDT	20030109AEP	LIC
41A FL MIAMI	USERRECORD01		APP

Percent new IX = 0.0074%

Worst case new IX 0.0075% Scenario 4

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WRBW	ORLANDO FL	BLCDT -20060810AIX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WACX	LEESBURG FL	3.4	LIC	BLCDT -20060117ACC
40	WACX	LEESBURG FL	3.4	PLN	DTVPLN -DTVP1425
41	WZVN-TV	NAPLES FL	210.4	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	210.4	PLN	DTVPLN -DTVP1458
42	WXPX-TV	BRADENTON FL	146.8	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	146.8	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	146.8	LIC	BLCDT -20030109AEP
42	WJXT	JACKSONVILLE FL	191.0	LIC	BLCDT -20020405AAX
42	WJXT	JACKSONVILLE FL	191.0	PLN	DTVPLN -DTVP1491
41	WJAN-PRO MIAMI	FL	346.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	NEW	WABASSCO FL	BNPDTL -20091112AIY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WACX	LEESBURG FL	112.7	LIC	BLCDT -20060117ACC
40	WACX	LEESBURG FL	112.7	PLN	DTVPLN -DTVP1425
40	W40CU-D	ST. PETERSBURG FL	227.1	LIC	BLDTL -20100202ABT
41	WPXJ-LP	JACKSONVILLE FL	310.7	CP	BDFCDTL -20090515ABQ
41	WZVN-TV	NAPLES FL	164.3	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	164.3	PLN	DTVPLN -DTVP1458
41	WRBW	ORLANDO FL	113.7	LIC	BLCDT -20060810AIX
41	WRBW	ORLANDO FL	113.7	PLN	DTVPLN -DTVP1459
42	WHDO-LD	ORLANDO FL	115.1	CP MOD	BMPDTL -20080804AFK
42	WHDO-LD	ORLANDO FL	125.0	APP	BSTA -20090427ABM
42	WHDT-DR	STUART FL	118.2	APP	BPRM -20080620AOT
42	WHDT	STUART FL	118.2	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	130.5	CP MOD	BMPCDT -20090115AFU
42	NEW	WABASSO FL	2.3	APP	BNPDTL -20090901AIH

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 13 of 24

41 WJAN-PRO MIAMI FL 244.1 APP USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	NEW	KEY WEST FL	BNPTTL -20000825AJT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGAY-LP	KEY WEST FL	6.3	APP	BSTA -20060810AHM
41	WGAY-LP	KEY WEST FL	6.3	LIC	BLTTL -20070220ABP
42	WXPX-TV	BRADENTON FL	366.1	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	366.1	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	366.1	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	0.5	APP	BNPTTL -20000830ANZ
42	WKRP-LP	KEY WEST FL	5.0	CP	BNPTTL -20000821ABG
42	NEW	KEY WEST FL	0.5	APP	BNPTTL -20000829AFH
42	WHDT-DR	STUART FL	296.8	APP	BPRM -20080620AOT
42	WHDT	STUART FL	296.8	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	273.8	CP MOD	BMPCDT -20090115AFU
42	NEW	SUMMERLAND KEY FL	34.5	APP	BNPTTL -20000814ABM
42	NEW	WABASSO FL	380.4	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	173.1	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	122.5	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	173.1	CP	BPDTL -20090618ADJ
41	WJAN-PRO	MIAMI FL	173.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	NEW	KEY WEST FL	BNPTTL -20000830ANZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGAY-LP	KEY WEST FL	6.5	APP	BSTA -20060810AHM
41	WGAY-LP	KEY WEST FL	6.5	LIC	BLTTL -20070220ABP
42	WXPX-TV	BRADENTON FL	365.7	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	365.7	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	365.7	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	0.5	APP	BNPTTL -20000825AJT
42	WKRP-LP	KEY WEST FL	5.3	CP	BNPTTL -20000821ABG
42	NEW	KEY WEST FL	0.0	APP	BNPTTL -20000829AFH
42	WHDT-DR	STUART FL	296.7	APP	BPRM -20080620AOT
42	WHDT	STUART FL	296.7	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	273.8	CP MOD	BMPCDT -20090115AFU
42	NEW	SUMMERLAND KEY FL	34.7	APP	BNPTTL -20000814ABM
42	NEW	WABASSO FL	380.2	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	173.2	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	122.7	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	173.2	CP	BPDTL -20090618ADJ
41	WJAN-PRO	MIAMI FL	173.2	APP	USERRECORD-01

Proposed station is beyond the site to

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 14 of 24

nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	WKRP-LP	KEY WEST FL	BNPTTL -20000821ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGAY-LP	KEY WEST FL	1.7	APP	BSTA -20060810AHM
41	WGAY-LP	KEY WEST FL	1.7	LIC	BLTTL -20070220ABP
42	WXPX-TV	BRADENTON FL	365.9	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	365.9	PLN	DTVPLN -DTV1490
42	WXPX-TV	BRADENTON FL	365.9	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	5.0	APP	BNPTTL -20000825AJT
42	NEW	KEY WEST FL	5.3	APP	BNPTTL -20000830ANZ
42	NEW	KEY WEST FL	5.3	APP	BNPTTL -20000829AFH
42	WHDT-DR	STUART FL	293.3	APP	BPRM -20080620AOT
42	WHDT	STUART FL	293.3	PLN	DTVPLN -DTV1492
42	WHDT	STUART FL	270.4	CP MOD	BMPCDT -20090115AFU
42	NEW	SUMMERLAND KEY FL	29.6	APP	BNPTTL -20000814ABM
42	NEW	WABASSO FL	377.9	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	168.8	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	117.6	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	168.8	CP	BPDTL -20090618ADJ
41	WJAN-PRO	MIAMI FL	168.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	NEW	KEY WEST FL	BNPTTL -20000829AFH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGAY-LP	KEY WEST FL	6.5	APP	BSTA -20060810AHM
41	WGAY-LP	KEY WEST FL	6.5	LIC	BLTTL -20070220ABP
42	WXPX-TV	BRADENTON FL	365.7	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	365.7	PLN	DTVPLN -DTV1490
42	WXPX-TV	BRADENTON FL	365.7	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	0.5	APP	BNPTTL -20000825AJT
42	NEW	KEY WEST FL	0.0	APP	BNPTTL -20000830ANZ
42	WKRP-LP	KEY WEST FL	5.3	CP	BNPTTL -20000821ABG
42	WHDT-DR	STUART FL	296.7	APP	BPRM -20080620AOT
42	WHDT	STUART FL	296.7	PLN	DTVPLN -DTV1492
42	WHDT	STUART FL	273.8	CP MOD	BMPCDT -20090115AFU
42	NEW	SUMMERLAND KEY FL	34.7	APP	BNPTTL -20000814ABM
42	NEW	WABASSO FL	380.2	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	173.2	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	122.7	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	173.2	CP	BPDTL -20090618ADJ
41	WJAN-PRO	MIAMI FL	173.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 15 of 24

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	W42DM	MARATHON FL	BNPTTL -20000828BHN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WXPX-TV	BRADENTON FL	364.1	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	364.1	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	364.1	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	88.1	APP	BNPTTL -20000825AJT
42	WHDO-LD	ORLANDO FL	403.2	CP MOD	BMPDTL -20080804AFK
42	WHDT-DR	STUART FL	235.6	APP	BPRM -20080620AOT
42	WHDT	STUART FL	235.6	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	214.3	CP MOD	BMPCDT -20090115AFU
42	NEW	SUMMERLAND KEY FL	53.8	APP	BNPTTL -20000814ABM
42	NEW	WABASSO FL	336.7	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	99.6	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	34.9	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	99.6	CP	BPDTL -20090618ADJ
57	W57DU-D	ROCK HARBOR FL	99.6	LIC	BLDTL -20090223ACN
41	WJAN-PRO	MIAMI FL	99.6	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	WHDT-DR	STUART FL	BPRM -20080620AOT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WZVN-TV	NAPLES FL	167.6	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	167.6	PLN	DTVPLN -DTVP1458
42	WXPX-TV	BRADENTON FL	247.3	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	247.3	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	247.3	LIC	BLCDT -20030109AEP
42	WJXT	JACKSONVILLE FL	419.6	LIC	BLCDT -20020405AAX
42	WJXT	JACKSONVILLE FL	419.6	PLN	DTVPLN -DTVP1491
43	WOTF-TV	MELBOURNE FL	193.8	PLN	DTVPLN -DTVP1528
41	WJAN-PRO	MIAMI FL	137.5	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	WHDT	STUART FL	BMPCDT -20090115AFU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WZVN-TV	NAPLES FL	153.7	LIC	BLCDT -20030619AAM

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 16 of 24

41	WZVN-TV	NAPLES FL	153.7	PLN	DTVPLN	-DTVP1458
42	WXPX-TV	BRADENTON FL	242.7	CP	BPCDT	-20080620AKT
42	WXPX	BRADENTON FL	242.7	PLN	DTVPLN	-DTVP1490
42	WXPX-TV	BRADENTON FL	242.7	LIC	BLCDT	-20030109AEP
43	WOTF-TV	MELBOURNE FL	203.3	PLN	DTVPLN	-DTVP1528
41	WJAN-PRO	MIAMI FL	117.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 15
 Scenario 1 Affected station 14 WHDT
 Before Analysis

Results for: 42A FL STUART BMPCDT 20090115AFU CP
 HAAT 439.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5060375	27092.0
not affected by terrain losses	5060375	27092.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 42A FL STUART BMPCDT 20090115AFU CP
 HAAT 439.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5060375	27092.0
not affected by terrain losses	5060375	27092.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	25190	12.8
lost to ATV IX only	25190	12.8
lost to all IX	25190	12.8

Potential Interfering Stations Included in above Scenario 1

41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.4978%

Result key: 16
 Scenario 2 Affected station 14 WHDT
 Before Analysis

Results for: 42A FL STUART BMPCDT 20090115AFU CP
 HAAT 439.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5060375	27092.0
not affected by terrain losses	5060375	27092.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 2

After Analysis

Results for: 42A FL STUART BMPCDT 20090115AFU CP
 HAAT 439.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5060375	27092.0
not affected by terrain losses	5060375	27092.0

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 17 of 24

lost to NTSC IX	0	0.0
lost to additional IX by ATV	25190	12.8
lost to ATV IX only	25190	12.8
lost to all IX	25190	12.8

Potential Interfering Stations Included in above Scenario 2

41A FL MIAMI USERRECORD01 APP

Percent new IX = 0.4978%

Worst case new IX 0.4978% Scenario 1

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	NEW	SUMMERLAND KEY FL	BNPTTL -20000814ABM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WGAY-LP	KEY WEST FL	28.2	APP	BSTA -20060810AHM
42	WXPX-TV	BRADENTON FL	360.4	CP	BPCDT -20080620AKT
42	WXPX	BRADENTON FL	360.4	PLN	DTVPLN -DTVP1490
42	WXPX-TV	BRADENTON FL	360.4	LIC	BLCDT -20030109AEP
42	NEW	KEY WEST FL	34.5	APP	BNPTTL -20000825AJT
42	NEW	KEY WEST FL	34.7	APP	BNPTTL -20000830ANZ
42	WKR-P	KEY WEST FL	29.6	CP	BNPTTL -20000821ABG
42	NEW	KEY WEST FL	34.7	APP	BNPTTL -20000829AFH
42	WHDT-DR	STUART FL	269.5	APP	BPRM -20080620AOT
42	WHDT	STUART FL	269.5	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	246.9	CP MOD	BMPCDT -20090115AFU
42	NEW	WABASSO FL	359.4	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	141.3	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	88.0	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	141.3	CP	BPDTL -20090618ADJ
57	W57AM	BIG PINE KEY FL	11.9	LIC	BLTTL -20010725ADX
57	W57DU-D	ROCK HARBOR FL	141.3	LIC	BLDTL -20090223ACN
41	WJAN-PRO MIAMI FL		141.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	W43AD	MATECUMBE FL	BLTTL -20010725ADO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WPXM-TV	MIAMI FL	128.5	CP	BPCDT -20080306AAZ
35	WPXM	MIAMI FL	128.5	PLN	DTVPLN -DTVP1277
35	WPXM-TV	MIAMI FL	128.5	APP	BMPCDT -20080620AMR
40	WBEC-TV	BOCA RATON FL	128.5	LIC	BLEDT -20071220ABP
40	WBEC-TV	BOCA RATON FL	130.0	PLN	DTVPLN -DTVP1423
43	W43CB-D	MATECUMBE FL	72.9	LIC	BLDTL -20090805ABX
43	W43CB-D	MATECUMBE FL	72.9	CP	BPDTL -20090618ADJ
43	WOTF-TV	MELBOURNE FL	378.9	PLN	DTVPLN -DTVP1528
43	WWDT-CA	NAPLES FL	214.9	LIC	BLTTA -20041022AEI
43	WWDT-CA	NAPLES FL	214.9	CP	BDFCDTA -20080804ABA

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 18 of 24

43	WTCN-CA	PALM BEACH FL	240.3	STA	BSTA	-20070706AAU
44	WALO-LP	JUPITER FL	192.2	APP	BDISDTL	-20100104AAQ
44	WHDT-LD	MIAMI FL	126.4	LIC	BLDTL	-20051202AIU
46	WHFT-TV	MIAMI FL	130.0	LIC	BLCDT	-20060221ACH
46	WHFT-TV	MIAMI FL	130.0	PLN	DTVPLN	-DTVP1638
46	WHFT-TV	MIAMI FL	130.0	CP	BPCDT	-20080618ATK
47	WAMI-DT	HOLLYWOOD FL	128.5	LIC	BLCDT	-20090311ACD
47	WAMI-TV	HOLLYWOOD FL	128.5	PLN	DTVPLN	-DTVP1664
41	WJAN-PRO	MIAMI FL	72.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WWDT-CA	NAPLES FL	BLTTA	-20041022AEI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WFTX-TV	CAPE CORAL FL	32.7	LIC	BLCDT	-20050311ACY
35	WFTX	CAPE CORAL FL	32.7	PLN	DTVPLN	-DTVP1276
41	WZVN-TV	NAPLES FL	36.4	LIC	BLCDT	-20030619AAM
41	WZVN-TV	NAPLES FL	36.4	PLN	DTVPLN	-DTVP1458
42	NEW	WABASSO FL	196.0	APP	BNPDTL	-20090901AIH
43	W43CB-D	MATECUMBE FL	175.0	LIC	BLDTL	-20090805ABX
43	W43AD	MATECUMBE FL	214.9	APP	BDFCDTL	-20100301ACN
43	W43CB-D	MATECUMBE FL	175.0	CP	BPDTL	-20090618ADJ
43	WOTF-DT	MELBOURNE FL	243.5	CP	BPCDT	-20080613ACG
43	WOTF-TV	MELBOURNE FL	220.7	PLN	DTVPLN	-DTVP1528
43	WOCD-LD	OCALA FL	314.1	CP	BDCCDTL	-20080919AFE
43	WTCN-CA	PALM BEACH FL	176.0	STA	BSTA	-20070706AAU
43	WTCN-CA	PALM BEACH FL	176.0	LIC	BLTTA	-20080109AGG
44	WALO-LP	JUPITER FL	163.5	APP	BDISDTL	-20100104AAQ
44	WHDT-LD	MIAMI FL	174.4	LIC	BLDTL	-20051202AIU
45	WXCW	NAPLES FL	31.7	LIC	BLCDT	-20021030ACB
45	WXCW	NAPLES FL	31.7	PLN	DTVPLN	-DTVP1602
50	WINK-DR	FORT MYERS FL	34.0	APP	BPRM	-20090903ADS
50	WINK-TV	FORT MYERS FL	34.0	PLN	DTVPLN	-DTVP1763
50	WINK-TV	FORT MYERS FL	34.0	CP	BPCDT	-20091215AAF
41	WJAN-PRO	MIAMI FL	175.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WTCN-CA	PALM BEACH FL	BSTA	-20070706AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WPXM-TV	MIAMI FL	115.5	CP	BPCDT	-20080306AAZ
35	WPXM	MIAMI FL	115.5	PLN	DTVPLN	-DTVP1277
35	WPXM-TV	MIAMI FL	115.5	APP	BMPCDT	-20080620AMR
36	WPXP-TV	LAKE WORTH FL	48.6	LIC	BLCDT	-20030808ABE
36	WPXP	LAKE WORTH FL	48.6	PLN	DTVPLN	-DTVP1315

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 19 of 24

40	WBEC-TV	BOCA RATON FL	115.5	LIC	BLEDT	-20071220ABP
40	WBEC-TV	BOCA RATON FL	114.8	PLN	DTVPLN	-DTVP1423
42	WHDO-LD	ORLANDO FL	190.7	CP MOD	BMPDTL	-20080804AFK
42	WHDO-LD	ORLANDO FL	200.5	APP	BSTA	-20090427ABM
42	WHDT-DR	STUART FL	34.6	APP	BPRM	-20080620AOT
42	WHDT	STUART FL	34.6	PLN	DTVPLN	-DTVP1492
42	WHDT	STUART FL	50.2	CP MOD	BMPCDT	-20090115AFU
42	NEW	WABASSO FL	85.8	APP	BNPDTL	-20090901AIH
43	W43CB-D	MATECUMBE FL	167.6	LIC	BLDTL	-20090805ABX
43	W43AD	MATECUMBE FL	240.3	APP	BDFCDTL	-20100301ACN
43	W43CB-D	MATECUMBE FL	167.6	CP	BPDTL	-20090618ADJ
43	WOTF-DT	MELBOURNE FL	195.0	CP	BPCDT	-20080613ACG
43	WOTF-TV	MELBOURNE FL	159.6	PLN	DTVPLN	-DTVP1528
43	WWDT-CA	NAPLES FL	176.0	LIC	BLTTA	-20041022AEI
43	WWDT-CA	NAPLES FL	176.0	CP	BDFCDTA	-20080804ABA
43	WOC-D-LD	OCALA FL	341.3	CP	BDCCDTL	-20080919AFE
44	W44AY	FORT PIERCE FL	60.9	LIC	BLTT	-19931220IK
44	WALO-LP	JUPITER FL	48.6	APP	BDISDTL	-20100104AAQ
44	WHDT-LD	MIAMI FL	117.2	LIC	BLDTL	-20051202AIU
46	WHFT-TV	MIAMI FL	114.8	LIC	BLCDT	-20060221ACH
46	WHFT-TV	MIAMI FL	114.8	PLN	DTVPLN	-DTVP1638
46	WHFT-TV	MIAMI FL	114.8	CP	BPCDT	-20080618ATK
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT	-20090311ACD
47	WAMI-TV	HOLLYWOOD FL	115.5	PLN	DTVPLN	-DTVP1664
41	WJAN-PRO	MIAMI FL	167.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	WTCN-CA	PALM BEACH FL	BLTTA -20080109AGG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WPXM-TV	MIAMI FL	115.5	CP	BPCDT -20080306AAZ
35	WPXM	MIAMI FL	115.5	PLN	DTVPLN -DTVP1277
35	WPXM-TV	MIAMI FL	115.5	APP	BMPCDT -20080620AMR
36	WPXP-TV	LAKE WORTH FL	48.6	LIC	BLCDT -20030808ABE
36	WPXP	LAKE WORTH FL	48.6	PLN	DTVPLN -DTVP1315
40	WBEC-TV	BOCA RATON FL	115.5	LIC	BLEDT -20071220ABP
40	WBEC-TV	BOCA RATON FL	114.8	PLN	DTVPLN -DTVP1423
42	WHDO-LD	ORLANDO FL	190.7	CP MOD	BMPDTL -20080804AFK
42	WHDO-LD	ORLANDO FL	200.5	APP	BSTA -20090427ABM
42	WHDT-DR	STUART FL	34.6	APP	BPRM -20080620AOT
42	WHDT	STUART FL	34.6	PLN	DTVPLN -DTVP1492
42	WHDT	STUART FL	50.2	CP MOD	BMPCDT -20090115AFU
42	NEW	WABASSO FL	85.8	APP	BNPDTL -20090901AIH
43	W43CB-D	MATECUMBE FL	167.6	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	240.3	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	167.6	CP	BPDTL -20090618ADJ
43	WOTF-DT	MELBOURNE FL	195.0	CP	BPCDT -20080613ACG
43	WOTF-TV	MELBOURNE FL	159.6	PLN	DTVPLN -DTVP1528
43	WWDT-CA	NAPLES FL	176.0	LIC	BLTTA -20041022AEI
43	WWDT-CA	NAPLES FL	176.0	CP	BDFCDTA -20080804ABA
43	WOC-D-LD	OCALA FL	341.3	CP	BDCCDTL -20080919AFE
44	WALO-LP	JUPITER FL	48.6	APP	BDISDTL -20100104AAQ
44	WHDT-LD	MIAMI FL	117.2	LIC	BLDTL -20051202AIU
46	WHFT-TV	MIAMI FL	114.8	LIC	BLCDT -20060221ACH
46	WHFT-TV	MIAMI FL	114.8	PLN	DTVPLN -DTVP1638
46	WHFT-TV	MIAMI FL	114.8	CP	BPCDT -20080618ATK
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT -20090311ACD

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 20 of 24

47	WAMI-TV	HOLLYWOOD FL	115.5	PLN	DTVPLN	-DTVP1664
41	WJAN-PRO	MIAMI FL	167.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	W44AC	KEY WEST FL	BLTTL -20040302AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
43	W43CB-D	MATECUMBE FL	173.2	LIC	BLDTL -20090805ABX
43	W43AD	MATECUMBE FL	122.7	APP	BDFCDTL -20100301ACN
43	W43CB-D	MATECUMBE FL	173.2	CP	BPDTL -20090618ADJ
44	WALO-LP	JUPITER FL	276.6	APP	BDISDTL -20100104AAQ
44	WHDT-LD	MIAMI FL	224.5	LIC	BLDTL -20051202AIU
44	WTOG	ST. PETERSBURG FL	366.9	CP MOD	BMPCDT -20080606AAO
44	WTOG	ST. PETERSBURG FL	368.9	PLN	DTVPLN -DTVP1566
41	WJAN-PRO	MIAMI FL	173.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WDFL-LP	MARATHON FL	BPTTL -20061025AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WOPX-TV	MELBOURNE FL	370.2	LIC	BLCDT -20020510AAH
48	WOPX	MELBOURNE FL	370.2	PLN	DTVPLN -DTVP1701
48	WFUN-LD	MIAMI FL	155.0	CP MOD	BMPDTL -20070423ABK
48	WFUN-LD	MIAMI FL	155.0	LIC	BLDTL -20090615ADJ
49	WKIZ-LP	KEY WEST FL	84.2	APP	BDFCDTL -20100319AAC
63	W63AL	MARATHON FL	18.6	LIC	BLTT -20060103AAU
41	WJAN-PRO	MIAMI FL	98.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WDFL-LP	MARATHON FL	BLTTL -20060109AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	WOPX-TV	MELBOURNE FL	370.2	LIC	BLCDT -20020510AAH

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 21 of 24

48	WOPX	MELBOURNE FL	370.2	PLN	DTVPLN	-DTVP1701
48	WFUN-LD	MIAMI FL	155.0	CP MOD	BMPDTL	-20070423ABK
48	WFUN-LD	MIAMI FL	155.0	LIC	BLDTL	-20090615ADJ
49	WKIZ-LP	KEY WEST FL	84.2	APP	BDFCDTL	-20100319AAC
63	W63AL	MARATHON FL	18.6	LIC	BLTT	-20060103AAU
41	WJAN-PRO	MIAMI FL	98.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WWHB-CA	STUART FL	BPTTA -20080804AEA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WBEC-TV	BOCA RATON FL	127.8	LIC	BLEDT -20071220ABP
40	WBEC-TV	BOCA RATON FL	127.3	PLN	DTVPLN -DTVP1423
41	WZVN-TV	NAPLES FL	140.3	LIC	BLCDT -20030619AAM
41	WZVN-TV	NAPLES FL	140.3	PLN	DTVPLN -DTVP1458
45	WXCW	NAPLES FL	144.2	LIC	BLCDT -20021030ACB
45	WXCW	NAPLES FL	144.2	PLN	DTVPLN -DTVP1602
46	WHFT-TV	MIAMI FL	127.3	LIC	BLCDT -20060221ACH
46	WHFT-TV	MIAMI FL	127.3	PLN	DTVPLN -DTVP1638
46	WHFT-TV	MIAMI FL	127.3	CP	BPCDT -20080618ATK
47	WAMI-DT	HOLLYWOOD FL	127.8	LIC	BLCDT -20090311ACD
47	WAMI-TV	HOLLYWOOD FL	127.8	PLN	DTVPLN -DTVP1664
47	WAWA-LD	ORLANDO FL	169.7	LIC	BLDTL -20100309AAD
47	WAWA-LD	ORLANDO FL	169.7	CP MOD	BMPDTL -20090320ABS
47	NEW	VERO BEACH FL	73.2	APP	BNPDTL -20091124ACA
48	WFXU	LIVE OAK FL	375.2	APP	BPCDT -20080617ABP
48	WOPX-TV	MELBOURNE FL	130.0	LIC	BLCDT -20020510AAH
48	WOPX	MELBOURNE FL	130.0	PLN	DTVPLN -DTVP1701
48	WOPX-TV	MELBOURNE FL	176.5	APP	BPCDT -20080620AKI
48	WFUN-LD	MIAMI FL	127.8	CP MOD	BMPDTL -20070423ABK
48	WFUN-LD	MIAMI FL	127.8	LIC	BLDTL -20090615ADJ
48	WJGV-CD	PALATKA FL	301.8	LIC	BLDTA -20090930AKO
48	W48CN	SARASOTA FL	206.6	LIC	BLTT -20000725ABJ
49	WFGC	PALM BEACH FL	43.8	LIC	BLCDT -20060627ABB
49	WFGC	PALM BEACH FL	43.8	PLN	DTVPLN -DTVP1733
49	WFGC	PALM BEACH FL	43.8	APP	BPCDT -20100309ABX
50	WINK-DR	FORT MYERS FL	140.8	APP	BPRM -20090903ADS
50	WINK-TV	FORT MYERS FL	140.8	PLN	DTVPLN -DTVP1763
50	WINK-TV	FORT MYERS FL	140.8	CP	BPCDT -20091215AAF
41	WJAN-PRO	MIAMI FL	176.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	WWHB-CA	STUART FL	BLTTA -20080109AGC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
------	------	------------	----------	--------	----------------------

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 22 of 24

40	WBEC-TV	BOCA RATON FL	115.5	LIC	BLEDT	-20071220ABP
40	WBEC-TV	BOCA RATON FL	114.8	PLN	DTVPLN	-DTVP1423
46	WHFT-TV	MIAMI FL	114.8	LIC	BLCDT	-20060221ACH
46	WHFT-TV	MIAMI FL	114.8	PLN	DTVPLN	-DTVP1638
46	WHFT-TV	MIAMI FL	114.8	CP	BPCDT	-20080618ATK
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT	-20090311ACD
47	WAMI-TV	HOLLYWOOD FL	115.5	PLN	DTVPLN	-DTVP1664
47	WAWA-LD	ORLANDO FL	190.7	LIC	BLDTL	-20100309AAD
47	WAWA-LD	ORLANDO FL	190.7	CP MOD	BMPDTL	-20090320ABS
47	NEW	VERO BEACH FL	87.9	APP	BNPDTL	-20091124ACA
48	WOPX-TV	MELBOURNE FL	151.0	LIC	BLCDT	-20020510AAH
48	WOPX	MELBOURNE FL	151.0	PLN	DTVPLN	-DTVP1701
48	WOPX-TV	MELBOURNE FL	195.0	APP	BPCDT	-20080620AKI
48	WFUN-LD	MIAMI FL	115.5	CP MOD	BMPDTL	-20070423ABK
48	WFUN-LD	MIAMI FL	115.5	LIC	BLDTL	-20090615ADJ
48	WJGV-CD	PALATKA FL	320.6	LIC	BLDTA	-20090930AKO
49	WFGC	PALM BEACH FL	29.3	LIC	BLCDT	-20060627ABB
49	WFGC	PALM BEACH FL	29.3	PLN	DTVPLN	-DTVP1733
49	WFGC	PALM BEACH FL	29.3	APP	BPCDT	-20100309ABX
41	WJAN-PRO	MIAMI FL	167.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WWHB-CA	STUART FL	BSTA	-20070706AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WBEC-TV	BOCA RATON FL	115.5	LIC	BLEDT	-20071220ABP
40	WBEC-TV	BOCA RATON FL	114.8	PLN	DTVPLN	-DTVP1423
46	WHFT-TV	MIAMI FL	114.8	LIC	BLCDT	-20060221ACH
46	WHFT-TV	MIAMI FL	114.8	PLN	DTVPLN	-DTVP1638
46	WHFT-TV	MIAMI FL	114.8	CP	BPCDT	-20080618ATK
47	WAMI-DT	HOLLYWOOD FL	115.5	LIC	BLCDT	-20090311ACD
47	WAMI-TV	HOLLYWOOD FL	115.5	PLN	DTVPLN	-DTVP1664
47	WAWA-LD	ORLANDO FL	190.7	LIC	BLDTL	-20100309AAD
47	WAWA-LD	ORLANDO FL	190.7	CP MOD	BMPDTL	-20090320ABS
47	NEW	VERO BEACH FL	87.9	APP	BNPDTL	-20091124ACA
48	WOPX-TV	MELBOURNE FL	151.0	LIC	BLCDT	-20020510AAH
48	WOPX	MELBOURNE FL	151.0	PLN	DTVPLN	-DTVP1701
48	WOPX-TV	MELBOURNE FL	195.0	APP	BPCDT	-20080620AKI
48	WFUN-LD	MIAMI FL	115.5	CP MOD	BMPDTL	-20070423ABK
48	WFUN-LD	MIAMI FL	115.5	LIC	BLDTL	-20090615ADJ
48	WJGV-CD	PALATKA FL	320.6	LIC	BLDTA	-20090930AKO
48	W48CN	SARASOTA FL	228.8	LIC	BLTT	-20000725ABJ
49	WFGC	PALM BEACH FL	29.3	LIC	BLCDT	-20060627ABB
49	WFGC	PALM BEACH FL	29.3	PLN	DTVPLN	-DTVP1733
49	WFGC	PALM BEACH FL	29.3	APP	BPCDT	-20100309ABX
41	WJAN-PRO	MIAMI FL	167.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 26

Analysis of current record

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 23 of 24

Channel	Call	City/State	Application Ref. No.
49	WKIZ-LP	KEY WEST FL	BLTTL -20041025ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	W49CL	MIAMI FL	222.0	LIC	BLTTL -20060124AAA
49	WFGC	PALM BEACH FL	288.9	LIC	BLCDT -20060627ABB
49	WFGC	PALM BEACH FL	288.9	PLN	DTVPLN -DTV1733
49	WFGC	PALM BEACH FL	288.9	APP	BPCDT -20100309ABX
49	WRMD-CA	TAMPA FL	382.3	CP	BDFCDTA -20080804ABO
50	WGZT-LD	KEY WEST FL	1.0	CP	BDCCDTL -20061025AFE
41	WJAN-PRO	MIAMI FL	168.2	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	W49CL	MIAMI FL	BLTTL -20060124AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
42	WHDT-DR	STUART FL	83.2	APP	BPRM -20080620AOT
42	WHDT	STUART FL	83.1	PLN	DTVPLN -DTV1492
42	WHDT	STUART FL	65.9	CP MOD	BMPCDT -20090115AFU
46	WHFT-TV	MIAMI FL	2.1	LIC	BLCDT -20060221ACH
46	WHFT-TV	MIAMI FL	2.1	PLN	DTVPLN -DTV1638
46	WHFT-TV	MIAMI FL	2.1	CP	BPCDT -20080618ATK
47	WAMI-DT	HOLLYWOOD FL	0.0	LIC	BLCDT -20090311ACD
47	WAMI-TV	HOLLYWOOD FL	0.0	PLN	DTVPLN -DTV1664
48	WFUN-LD	MIAMI FL	0.0	CP MOD	BMPDTL -20070423ABK
48	WFUN-LD	MIAMI FL	0.0	LIC	BLDTL -20090615ADJ
49	WVEN-TV	DAYTONA BEACH FL	344.6	LIC	BLCDT -20070329ADC
49	WVEN-TV	DAYTONA BEACH FL	344.6	PLN	DTVPLN -DTV1731
49	WKIZ-LP	KEY WEST FL	222.0	APP	BDFCDTL -20100319AAC
49	WFGC	PALM BEACH FL	86.4	LIC	BLCDT -20060627ABB
49	WFGC	PALM BEACH FL	86.4	PLN	DTVPLN -DTV1733
49	WFGC	PALM BEACH FL	86.4	APP	BPCDT -20100309ABX
49	WRMD-CA	TAMPA FL	312.9	CP	BDFCDTA -20080804ABO
50	WSBS-CA	MIAMI FL	0.0	LIC	BLTTA -20050224ABG
50	WSBS-CA	MIAMI, ETC. FL	0.0	CP	BDFCDTA -20091123ABX
64	W64AN-D	ROCK HARBOR FL	56.7	LIC	BLDTT -20081022ABH
41	WJAN-PRO	MIAMI FL	56.7	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WJAN-PRO	MIAMI FL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WBEC-TV	BOCA RATON FL	56.7	LIC	BLEDT -20071220ABP
40	WBEC-TV	BOCA RATON FL	58.3	PLN	DTVPLN -DTV1423
40	WGAY-LD	KEY WEST FL	167.2	CP	BDCCDTL -20060921ADG

KESSLER AND GEHMAN ASSOCIATES, INC.

WJAN-CA - MIAMI, FL

Exhibit E6, PAGE 24 of 24

41	WGAY-LP	KEY WEST FL	167.2	APP	BSTA	-20060810AHM
41	WZVN-TV	NAPLES FL	192.5	LIC	BLCDT	-20030619AAM
41	WZVN-TV	NAPLES FL	192.5	PLN	DTVPLN	-DTV1458
41	WRBW	ORLANDO FL	346.2	LIC	BLCDT	-20060810AIX
41	WRBW	ORLANDO FL	346.2	PLN	DTVPLN	-DTV1459
41	NEW	WABASSCO FL	244.1	APP	BNPDTL	-20091112AIY
42	WHDT	STUART FL	117.5	CP MOD	BMPCDT	-20090115AFU

Total scenarios = 1

Result key: 17
Scenario 1 Affected station 28 WJAN-PRO
Before Analysis

Results for: 41A FL MIAMI USERRECORD01 APP
HAAT 508.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2526343	11445.7
not affected by terrain losses	2526343	11445.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8047	3.0
lost to ATV IX only	8047	3.0
lost to all IX	8047	3.0

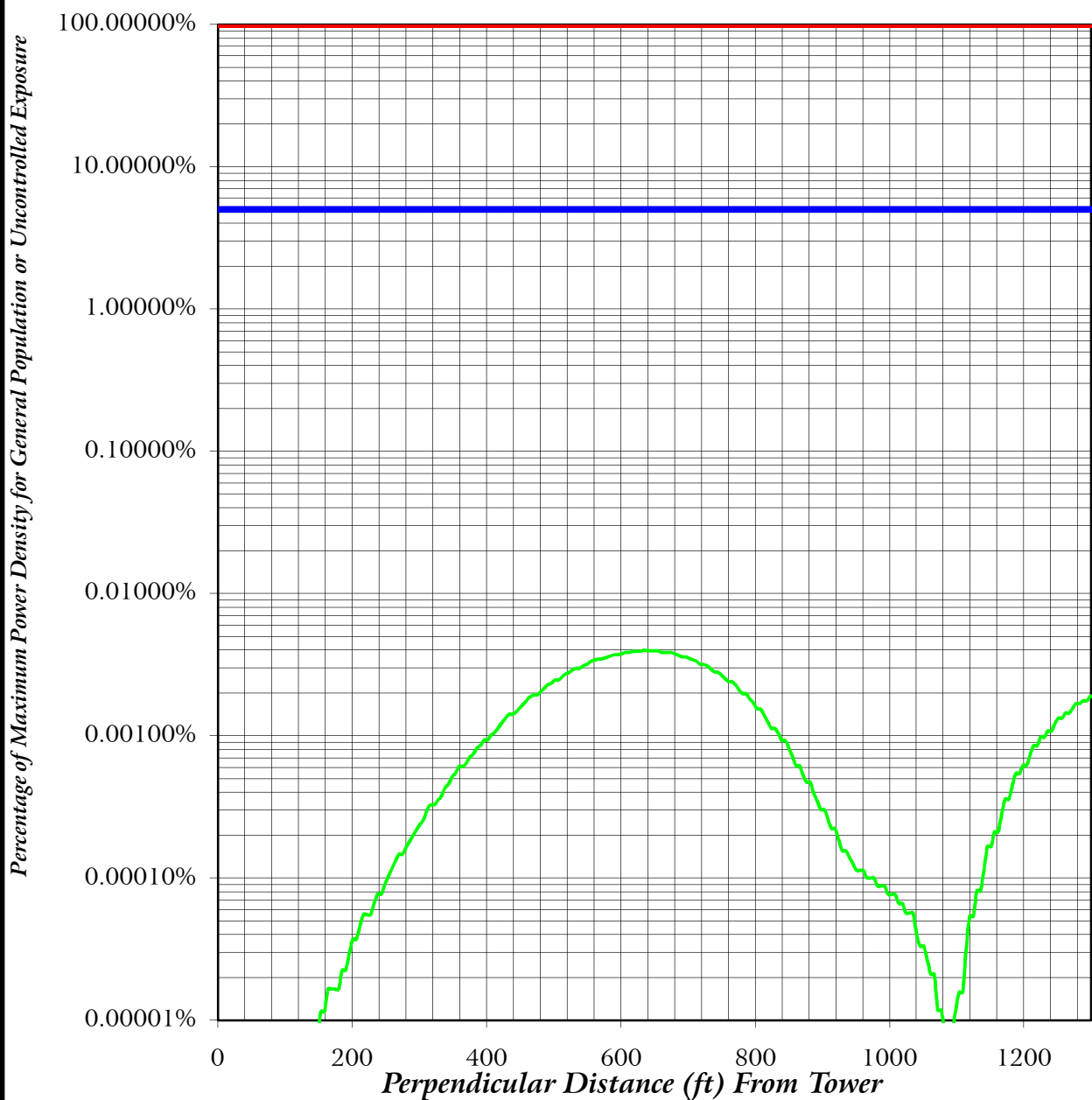
Potential Interfering Stations Included in above Scenario 1

40A FL BOCA RATON BLEDT 20071220ABP LIC

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

FAR FIELD EXPOSURE TO RF EMISSIONS



- Maximum Allowable General Population or Uncontrolled Exposure
- 5 % of Maximum General Population or Uncontrolled Exposure
- Percentage of Maximum General Population or Uncontrolled Exposure

KESSLER & GEHMAN

TELECOMMUNICATIONS CONSULTING ENGINEERS
507 N.W. 60th Street, Suite C
Gainesville, Florida 32607

WJAN-CA
MIAMI, FLORIDA

20100415

EXHIBIT E7



METHODOLOGY AND EXPLANATION OF
ENVIRONMENTAL IMPACT / RADIO FREQUENCY RADIATION
HAZARD ANALYSIS

A theoretical analysis has been conducted of the human exposure to radio frequency radiation ("RFR") using the calculation methodology described in *OET Bulletin 65, Edition 97-01*. The RFR analysis is conducted pursuant to the following methodology:

Terrain¹ extraction is compiled from the proposed tower site to radial lengths of 0.25 miles in 0.001 mile increments for 360 radials. The power density is calculated for each terrain point at 6 feet above ground level using the elevation and azimuth pattern of the proposed broadcast antenna. The power density calculations are conducted using the lower edge of the proposed channel frequency. To account for ground reflections, a coefficient of 1.6 was included in the calculation.

The resulting cylindrical polar analysis is then summarized into a coordinate plane graph using the following methodology:

Starting from the origin the maximum calculated RFR value is determined among the 360 degree radials for each 0.001 mile increment, the value is then converted into a percentage of the maximum allowable general population or uncontrolled exposure and plotted as a function of perpendicular distance from the tower.

¹ Terrain extraction is based upon a 3 arc second point spacing terrain database.