

ENGINEERING STATEMENT
IN SUPPORT OF AMENDMENT OF APPLICATION
(LMS FILE NO.: 000003610)
WOCK-CD, CHICAGO, ILLINOIS
CHANNEL 4 3 KW MAX DA 570.8 M AMSL

FEBRUARY 2018

This engineering statement has been prepared on behalf of KM LPTV of Chicago-13, L.L.C., licensee of Class A TV station WOCK-CD, Chicago, Illinois and is in support an amendment of its application (LMS File No. 000003610) for construction permit to increase station's effective radiated power (ERP).

At present station WOCK-CD, Facility ID Number 35092, operates on Channel 4 (66-72 MHz) with 0.3 kW ERP, 570.8 meters antenna height above mean sea level and a directional TV antenna. WOCK-CD also holds a construction permit (BPDVA-20120907AAT) to operate on Channel 4 with 1 kW ERP and a directional TV antenna. WOCK-CD filed an application (LMS No. 000003610) to operate on Channel 4 with a maximum of 3 kW ERP using a directional TV antenna. No changes in the current antenna site and its height above mean sea level were proposed. This amendment has been prepared in response to the Commission's letter (1800E3-RLG) dated January 23, 2018.

The attached map (Figure 1) shows the noise limited coverage contour(28 dBu) of WHBF-TV, Rock Island, Illinois. WHBF-TV is currently operates on Channel 4 with 33.7 kW ERP and 409 meters HAAT. The WHBF-TV contour is located between N 225 deg E to N 295 deg E from WOCK-CD antenna site. Figure 1 and the attached Table I show the proposed 3 kW WOCK-CD ERP in the direction of WHBF-TV would be equal or less than the WOCK-CD ERP based on its CP operation. In addition, an interference study has been conducted according to the Commission's TVStudy computer software for the proposed WOCK-CD operation on TV Channel 4. The TV Study indicates the proposed Channel 4 TV operation with 3 kW maximum ERP using the proposed

directional TV antenna would result in 0.81% interference to WHBF-TV as shown in the attached Table II. Table III shows the CP operation of WOCK-CD results in 0.82% interference to WHBF-TV. These interference studies have been conducted using 1 km cell size and 1 km terrain interval. Additional TVSTUDYs have been conducted with 0.5 km cell size and 0.25 km terrain interval as shown in Tables IV and Table V which indicates interference level of 0.66% from the proposed operation WOCK-CD and 0.67% from the CP operation to WHBF-TV. These interference results are summarized in Table VI. It is believed TVSTUDYs based on other cell size and terrain terrain interval would also show similar results. Therefore, the proposed operation of WOCK-CD would result in less interference to WHBF-TV than predicted by the CP operation of WOCK-CD.

Based on the above demonstrated interfering analysis, WOCK-CD respectfully requests a grant of its amended application.

CP Antenna Pattern

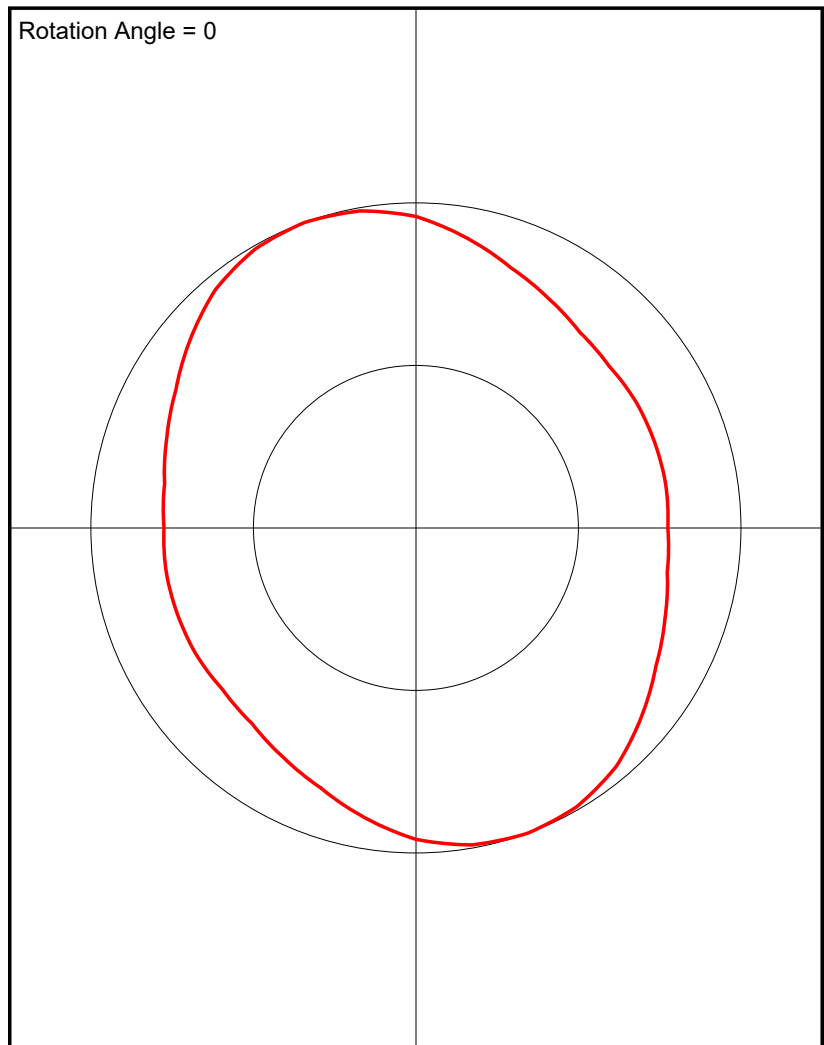
Pre-Rotation Antenna Pattern....

Azimuth (deg)

Relative Field

0.0	0.958
10.0	0.905
20.0	0.852
30.0	0.815
40.0	0.785
50.0	0.775
60.0	0.78
70.0	0.78
80.0	0.78
90.0	0.775
100.0	0.785
110.0	0.815
120.0	0.852
130.0	0.905
140.0	0.958
150.0	0.99
160.0	1.0
170.0	0.99
180.0	0.958
190.0	0.905
200.0	0.852
210.0	0.815
220.0	0.785
230.0	0.775
240.0	0.78
250.0	0.78
260.0	0.78
270.0	0.775
280.0	0.785
290.0	0.815
300.0	0.852
310.0	0.905
320.0	0.958
330.0	0.99
340.0	1.0
350.0	0.99

Rotation Angle = 0

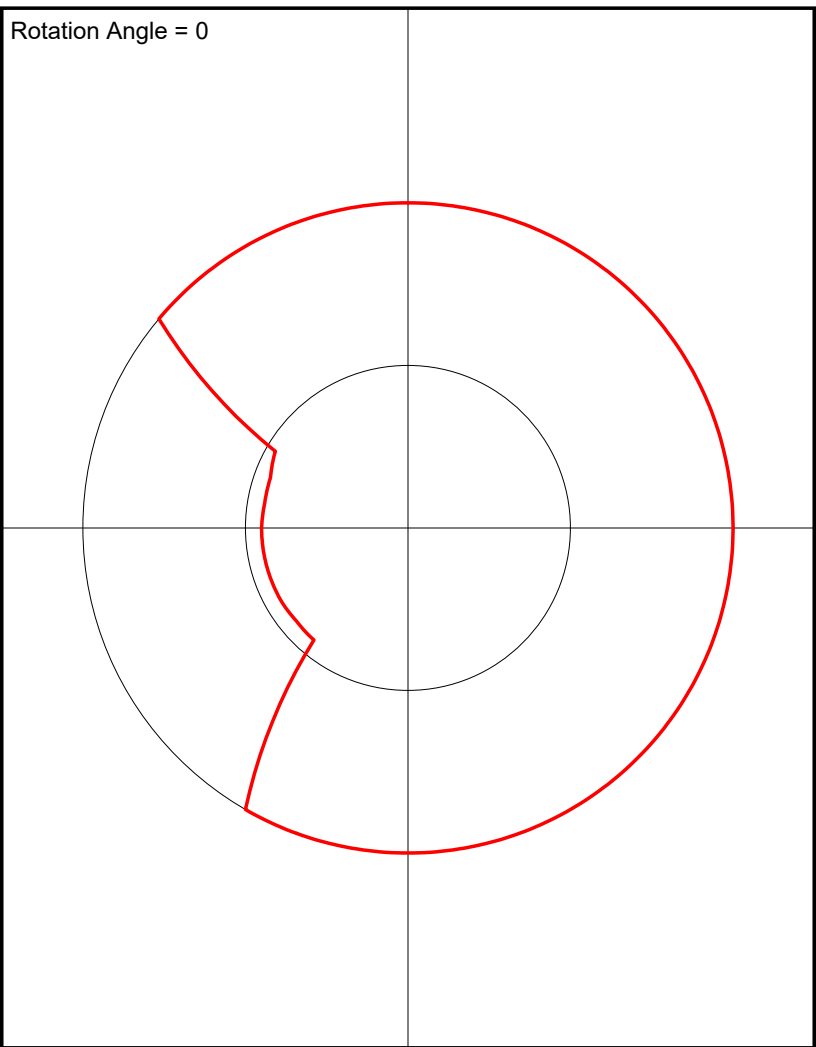


PROPOSED Antenna Pattern

Pre-Rotation Antenna Pattern....

Rotation Angle = 0

Azimuth (deg)	Relative Field
0.0	1.0
10.0	1.0
20.0	1.0
30.0	1.0
40.0	1.0
50.0	1.0
60.0	1.0
70.0	1.0
80.0	1.0
90.0	1.0
100.0	1.0
110.0	1.0
120.0	1.0
130.0	1.0
140.0	1.0
150.0	1.0
160.0	1.0
170.0	1.0
180.0	1.0
190.0	1.0
200.0	1.0
210.0	1.0
220.0	0.45
230.0	0.447
240.0	0.45
250.0	0.45
260.0	0.45
270.0	0.45
280.0	0.447
290.0	0.45
300.0	0.471
310.0	1.0
320.0	1.0
330.0	1.0
340.0	1.0
350.0	1.0



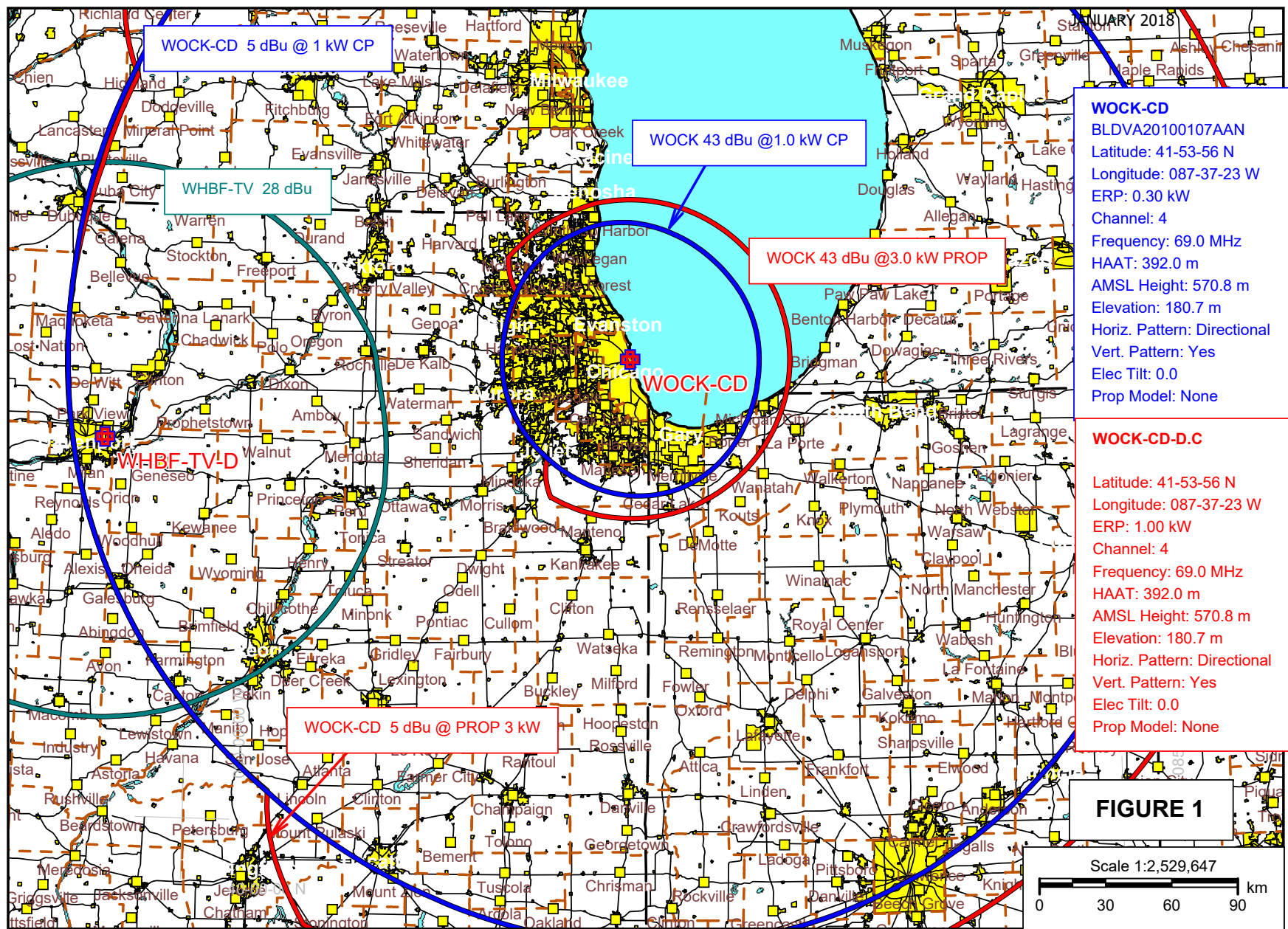


TABLE I
DIRECTIONAL ANTENNA PATTERN
FOR THE CP 1 KW AND PROPOSED 3 KW OPERATIONS OF
WOCK-CD, CHICAGO, ILLINOIS
FEBRUARY 2018

<u>AZIMUTH (deg)</u>	<u>1 kW CP R.F.</u>	<u>ERP</u> kW	<u>3 kW Proposed R.F.</u>	<u>ERP</u> kW
0	0.958	0.918	1.00	3.00
10	0.905	0.903	1.00	3.00
20	0.852	0.726	1.00	3.00
30	0.815	0.664	1.00	3.00
40	0.785	0.616	1.00	3.00
50	0.775	0.601	1.00	3.00
60	0.780	0.608	1.00	3.00
70	0.780	0.608	1.00	3.00
80	0.780	0.608	1.00	3.00
90	0.775	0.601	1.00	3.00
100	0.785	0.616	1.00	3.00
110	0.815	0.664	1.00	3.00
120	0.852	0.726	1.00	3.00
130	0.905	0.903	1.00	3.00
140	0.958	0.918	1.00	3.00
150	0.990	0.980	1.00	3.00
160	1.00	1.00	1.00	3.00
170	0.990	0.980	1.00	3.00
180	0.958	0.918	1.00	3.00
190	0.905	0.903	1.00	3.00
200	0.852	0.726	1.00	3.00
210	0.815	0.664	1.00	3.00
220	0.785	0.616	0.45	0.608
230	0.775	0.601	0.447	0.599
240	0.780	0.608	0.45	0.608
250	0.780	0.608	0.45	0.608
260	0.780	0.608	0.45	0.608
270	0.775	0.601	0.45	0.608
280	0.785	0.616	0.447	0.599
290	0.815	0.664	0.45	0.608
300	0.852	0.726	0.471	0.666
310	0.905	0.819	1.00	3.00
320	0.958	0.918	1.00	3.00
330	0.990	0.980	1.00	3.00
340	1.00	1.00	1.00	3.00
350	0.99	0.980	1.00	3.00

TABLE II

Study build station data: LMS TV 2018-01-31 (13)

Proposal: WOCK-CD D4 DC LIC CHICAGO, IL
 File number: WOCKCPDEFAULT
 Facility ID: 35092
 Station data: User record
 Record ID: 24
 Country: U.S.

Build options:
 Protect LPTV records from Class A

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL	
BLCDT20100629AVD				239.9 km	

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4
 Mask: Simple
 Latitude: 41 53 56.10 N (NAD83)
 Longitude: 87 37 23.20 W
 Height AMSL: 570.8 m
 HAAT: 0.0 m
 Peak ERP: 1.00 kW
 Antenna: SCA-TVOCUSWOCK (ID 93831) 0.0 deg
 Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.918 kW	395.4 m	62.1 km
45.0	0.608	395.7	58.7
90.0	0.601	395.3	58.5
135.0	0.868	395.7	61.6
180.0	0.918	389.2	61.7
225.0	0.608	389.1	58.3
270.0	0.601	384.7	58.0
315.0	0.868	388.4	61.2

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 392 m

**Proposal service area extends beyond baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 370.0 km

Distance to Mexican border: 1827.9 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 59.6 degrees Distance: 158.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 268.4 degrees Distance: 1486.0 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

**IX check failure, 0.82% interference to BLCDT20100629AVD LIC,
scenario 1

TABLE III

tvstudy v2.2.3 (DAezul)
Database: localhost, Study: WOCLMSAPPDEF, Model: Longley-Rice
Start: 2018.02.13 11:41:17

Study created: 2018.02.13 11:40:48

Study build station data: LMS TV 2018-01-31 (13)

Proposal: WOCL-CD D4 DC APP CHICAGO, IL
File number: WOCLMSAPPDEF
Facility ID: 35092
Station data: User record
Record ID: 25
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL	
BLCDT20100629AVD				239.9 km	
WTLW	D4	DT	APP	LIMA, OH	
BLANK0000033916				313.6	

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4
Mask: Stringent
Latitude: 41 53 56.10 N (NAD83)
Longitude: 87 37 23.20 W
Height AMSL: 570.8 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SCA-Custom (ID 1002717) 0.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	395.4 m	72.4 km
45.0	3.00	395.7	72.4
90.0	3.00	395.3	72.4
135.0	3.00	395.7	72.4
180.0	3.00	389.2	72.1
225.0	0.607	389.1	58.3

270.0	0.607	384.7	58.1
315.0	3.00	388.4	72.0

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 392 m

**Proposal service area extends beyond baseline plus 1.0%
 Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 370.0 km

Distance to Mexican border: 1827.9 km

Conditions at FCC monitoring station: Allegan MI
 Bearing: 59.6 degrees Distance: 158.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 268.4 degrees Distance: 1486.0 km

Study cell size: 1.00 km
 Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLCDDT20100629AVD LIC, scenario 1
 **IX: 0.81% interference

	Call	Chan	Svc	Status	City, State
File Number		Distance			
Desired:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDDT20100629AVD					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092				239.9 km	
	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPPDEF				239.9	

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent	New IX			
50117.0	1,808,512	49774.4	1,790,329	49669.0	1,789,751
49386.9	1,775,186	0.57	0.81		

Undesired		Total IX	Unique IX, before
Unique IX, after			
WOCK-CD D4 DC BL	105.4	578	105.4 578

WOCK-CD D4 DC APP 387.4 15,143
 387.4 15,143

 Interference to BLANK0000033916 APP, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WTLW	D4	DT	APP	LIMA, OH
BLANK0000033916					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092					313.6 km
	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPPDEF					313.6
	WGGN-TV	D3	DT	CP	SANDUSKY, OH
BLANK0000027852					149.5
	WOUC-TV	D4	DT	APP	CAMBRIDGE, OH
BLANK0000033599					256.0
	WQED	D4	DT	APP	PITTSBURGH, PA
BLANK0000034294					357.7

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
30510.6	1,644,437	30480.5
29063.6	1,565,857	0.00

Undesired	Total IX	Unique IX, before
Unique IX, after		
WOCK-CD D4 DC BL	0.0	0
WOCK-CD D4 DC APP	1.0	57
1.0	57	
WOUC-TV D4 DT APP	1415.9	76,701
1398.0	75,465	1398.0
WQED D4 DT APP	17.9	1,236
0.0	0	0.0

 Interference to proposal, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPPDEF					
Undesireds:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDT20100629AVD					239.9 km

Service area	Terrain-limited	IX-free
Percent IX		

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14992.8	8,283,865	14986.8	8,277,305	14977.8	8,272,403
0.06	0.06				

Undesired		Total IX		Unique IX
Prcnt Unique IX				
WHBF-TV D4 DT LIC	9.0	4,902	9.0	4,902
0.06	0.06			

TABLE IV

tvstudy v2.2.3 (DAezul)
 Database: localhost, Study: WOCCP1kw, Model: Longley-Rice
 Start: 2018.02.06 17:50:38

Study created: 2018.02.06 17:49:13

Study build station data: LMS TV 2018-01-31 (13)

Proposal: WOCC-CD D4 DC LIC CHICAGO, IL
 File number: BLDVA20100107AAN
 Facility ID: 35092
 Station data: User record
 Record ID: 20
 Country: U.S.

Build options:
 Protect LPTV records from Class A

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL	
BLCDT20100629AVD				239.9 km	
WTLW	D4	DT	APP	LIMA, OH	
BLANK0000033916				313.6	

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4
 Mask: Simple
 Latitude: 41 53 56.10 N (NAD83)
 Longitude: 87 37 23.20 W
 Height AMSL: 570.8 m
 HAAT: 0.0 m
 Peak ERP: 1.00 kW
 Antenna: SCA-TVOCUSWOCC (ID 93831) 0.0 deg
 Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.918 kW	395.4 m	62.1 km
45.0	0.608	395.7	58.7
90.0	0.601	395.3	58.5
135.0	0.868	395.7	61.6
180.0	0.918	389.2	61.7
225.0	0.608	389.1	58.3

270.0	0.601	384.7	58.0
315.0	0.868	388.4	61.2

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 392 m

**Proposal service area extends beyond baseline plus 1.0%
 Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 370.0 km

Distance to Mexican border: 1827.9 km

Conditions at FCC monitoring station: Allegan MI
 Bearing: 59.6 degrees Distance: 158.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 268.4 degrees Distance: 1486.0 km

Study cell size: 0.50 km
 Profile point spacing: 0.25 km

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLCDDT20100629AVD LIC, scenario 1
 **IX: 0.67% interference

	Call	Chan	Svc	Status	City, State
File Number		Distance			
Desired:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDDT20100629AVD					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092					239.9 km
	WOCK-CD	D4	DC	LIC	CHICAGO, IL
BLDVA20100107AAN					239.9

	Service area		Terrain-limited		IX-free, before
IX-free, after	Percent	New IX			
50114.3	1,808,283	49794.5	1,791,796	49675.3	1,791,129
49434.7	1,779,109	0.48	0.67		
Undesired			Total IX		Unique IX, before
Unique IX, after					
WOCK-CD D4 DC BL		119.2	667	119.2	667

WOCK-CD D4 DC LIC 359.9 12,687
 359.9 12,687

 Interference to BLANK0000033916 APP, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WTLW	D4	DT	APP	LIMA, OH
BLANK0000033916					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092					313.6 km
	WOCK-CD	D4	DC	LIC	CHICAGO, IL
BLDVA20100107AAN					313.6
	WGGN-TV	D3	DT	CP	SANDUSKY, OH
BLANK0000027852					149.5
	WOUC-TV	D4	DT	APP	CAMBRIDGE, OH
BLANK0000033599					256.0
	WQED	D4	DT	APP	PITTSBURGH, PA
BLANK0000034294					357.7

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
30503.3	1,642,285	30469.0
29074.0	1,562,657	0.00

Undesired	Total IX	Unique IX, before
Unique IX, after		
WOCK-CD D4 DC BL	0.0	0
WOCK-CD D4 DC LIC	0.2	0
0.2		
WOUC-TV D4 DT APP	1394.8	77,430
1373.9		
76,064		
WQED D4 DT APP	20.9	1,366
0.0		
0		

 Interference to proposal, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WOCK-CD	D4	DC	LIC	CHICAGO, IL
BLDVA20100107AAN					
Undesireds:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDT20100629AVD					239.9 km

Service area	Terrain-limited	IX-free
Percent IX		

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11331.5	7,914,118	11328.8	7,913,085	11320.8	7,906,579
0.07	0.08				

Undesired		Total IX		Unique IX
Prcnt Unique IX				
WHBF-TV D4 DT LIC	8.0	6,506	8.0	6,506
0.07	0.08			

TABLE V

tvstudy v2.2.3 (DAezul)
 Database: localhost, Study: WOCLMSAPP05025, Model: Longley-Rice
 Start: 2018.02.07 13:57:02

Study created: 2018.02.07 13:55:32

Study build station data: LMS TV 2018-01-31 (13)

Proposal: WOCL-CD D4 DC APP CHICAGO, IL
 File number: WOCLMSAPP05025
 Facility ID: 35092
 Station data: User record
 Record ID: 22
 Country: U.S.

Build options:
 Protect LPTV records from Class A

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL	
BLCDT20100629AVD				239.9 km	
WTLW	D4	DT	APP	LIMA, OH	
BLANK0000033916				313.6	

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4
 Mask: Stringent
 Latitude: 41 53 56.10 N (NAD83)
 Longitude: 87 37 23.20 W
 Height AMSL: 570.8 m
 HAAT: 0.0 m
 Peak ERP: 3.00 kW
 Antenna: SCA-Custom (ID 1002717) 0.0 deg
 Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	395.4 m	72.4 km
45.0	3.00	395.7	72.4
90.0	3.00	395.3	72.4
135.0	3.00	395.7	72.4
180.0	3.00	389.2	72.1
225.0	0.607	389.1	58.3

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270.0	0.607	384.7	58.1
315.0	3.00	388.4	72.0

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 392 m

**Proposal service area extends beyond baseline plus 1.0%
 Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 370.0 km

Distance to Mexican border: 1827.9 km

Conditions at FCC monitoring station: Allegan MI
 Bearing: 59.6 degrees Distance: 158.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 268.4 degrees Distance: 1486.0 km

Study cell size: 0.50 km
 Profile point spacing: 0.25 km

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLCDDT20100629AVD LIC, scenario 1
 **IX: 0.66% interference

File Number	Call	Chan	Svc	Status	City, State
Desired:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDDT20100629AVD					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092				239.9 km	
	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPP05025				239.9	

IX-free, after	Service area	Percent New IX	Terrain-limited	IX-free, before
50114.3	1,808,283	49794.5	1,791,796	49675.3
49436.9	1,779,257	0.48	0.66	1,791,129

Undesired	Total IX	Unique IX, before
Unique IX, after		
WOCK-CD D4 DC BL	119.2	667
		119.2
		667

WOCK-CD D4 DC APP 357.6 12,539
 357.6 12,539

 Interference to BLANK0000033916 APP, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WTLW	D4	DT	APP	LIMA, OH
BLANK0000033916					
Undesireds:	WOCK-CD	D4	DC	BL	CHICAGO, IL
DTVBL35092					313.6 km
	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPP05025					313.6
	WGGN-TV	D3	DT	CP	SANDUSKY, OH
BLANK0000027852					149.5
	WOUC-TV	D4	DT	APP	CAMBRIDGE, OH
BLANK0000033599					256.0
	WQED	D4	DT	APP	PITTSBURGH, PA
BLANK0000034294					357.7

Service area	Terrain-limited	IX-free, before
IX-free, after	Percent New IX	
30503.3	1,642,285	30469.0
29070.8	1,561,866	0.01
		0.05

Undesired	Total IX	Unique IX, before
Unique IX, after		
WOCK-CD D4 DC BL	0.0	0
WOCK-CD D4 DC APP	3.4	791
3.4	791	
WOUC-TV D4 DT APP	1394.8	77,430
1373.9	76,064	1373.9
76,064		76,064
WQED D4 DT APP	20.9	1,366
0.0	0	0.0
		0

 Interference to proposal, scenario 1

File Number	Call	Chan	Svc	Status	City, State
Desired:	WOCK-CD	D4	DC	APP	CHICAGO, IL
WOCKLMSAPP05025					
Undesireds:	WHBF-TV	D4	DT	LIC	ROCK ISLAND, IL
BLCDT20100629AVD					239.9 km

Service area	Terrain-limited	IX-free
Percent IX		

SMITH KHANNA & GULL, Inc. - Consulting Engineers

15000.5	8,281,943	14996.3	8,280,823	14991.8	8,278,796
0.03	0.02				

Undesired		Total IX		Unique IX
Prcnt Unique IX				
WHBF-TV D4 DT LIC	4.5	2,027	4.5	2,027
0.03	0.02			

TABLE VI
SUMMARY OF TVSTUDY RESULTS
FOR THE CP 1 KW AND PROPOSED 3 KW OPERATIONS OF
WOCK-CD, CHICAGO, ILLINOIS
FEBRUARY 2018

<u>BASIS</u>	<u>INTERFERENCE TO WHBF-TV</u>	
	<u>1 kW CP</u> %	<u>3 KW PROPOSED</u> %
1 km Cell Size		
1 km Terrain Interval	0.82	0.81
0.5 km Cell Size		
0.25 km Terrain Interval	0.67	0.66