

SPACING NARRATIVE

This narrative exhibit is submitted to demonstrate that this proposal fully complies with the interference criteria set forth in Section 74.1204 of the Commission's rules. Attached as exhibits are a spacing study, an additional narrative exhibit which includes a Section 74.1204(d) showing, and maps demonstrating clearly that there is no prohibited overlap between this proposal and any other FM services. The attached FM spacing study demonstrates that this proposal would be fully spaced even as a full power Class A FM station to all but five other FM facilities. The attached maps and the Section 74.1204(d) showing demonstrate that there is no prohibited contour overlap between this facility and the instant proposed FM translator facilities. Three FM Translator Facilities have also been included on this study. As demonstrated in these maps no prohibited overlap with these stations is predicted.

The eight facilities that have been included on the attached maps are: WODE-FM, 99.9, Easton, PA (54 dBu contour to proposed 34 dBu interference contour); WIII, 99.9, Cortland, NY (54 dBu contour to proposed 34 dBu interference contour); WEJL-FM, 100.1, Forest City, PA (60 dBu contour to proposed 54 dBu interference contour); WUSR, 99.5, Scranton, PA (60 dBu contour to proposed 100 dBu interference contour); WVRZ, 99.7, Mount Carmel, PA (60 dBu contour to proposed 54 dBu interference contour); W262AI, 100.3, Forty Fort, PA (60 dBu contour to proposed 100 dBu interference contour); W261DQ, 100.1, Hazleton, PA (60 dBu contour to proposed 54 dBu interference contour); and W260AN, 99.9, Troy, PA (60 dBu contour to proposed 40 dBu interference contour).

W260DV 99.9 Dallas 74.1204(d) Study is included to show allowable overlap under Section 74.1204(d) with this proposal's 100 dBu interference contour and the 60 dBu

coverage contours of WUSR, Scranton, PA and W262AI, Forty Fort, PA. A scale of kilometers has been included on the maps. These maps were drawn to scale using the rfSoftware series of computer programs.

By: Kevin Fitzgerald, Chief Engineer

Kevin Fitzgerald
 Job: W260DV Dallas Tran Int.fmj
 Master Database: 2021_Feb_07.fmd
 Lat: N41:11:01 Lon: W075:52:01 NAD-83
 Channel: 260 Class: A
 Status: Licensed, Construction Permit, Application
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF
 Range: 100 km
 Comments: No Comments

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 Date: 5/20/2021 11:33:23 PM
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Description: W260DV, 99.9, Dallas, PA; Spacing Study; A contour study will be shown for
 WODEFM, WIII, WEJLFM, WVRZ, WUSR, W262AI, W261DQ, and W260AN.

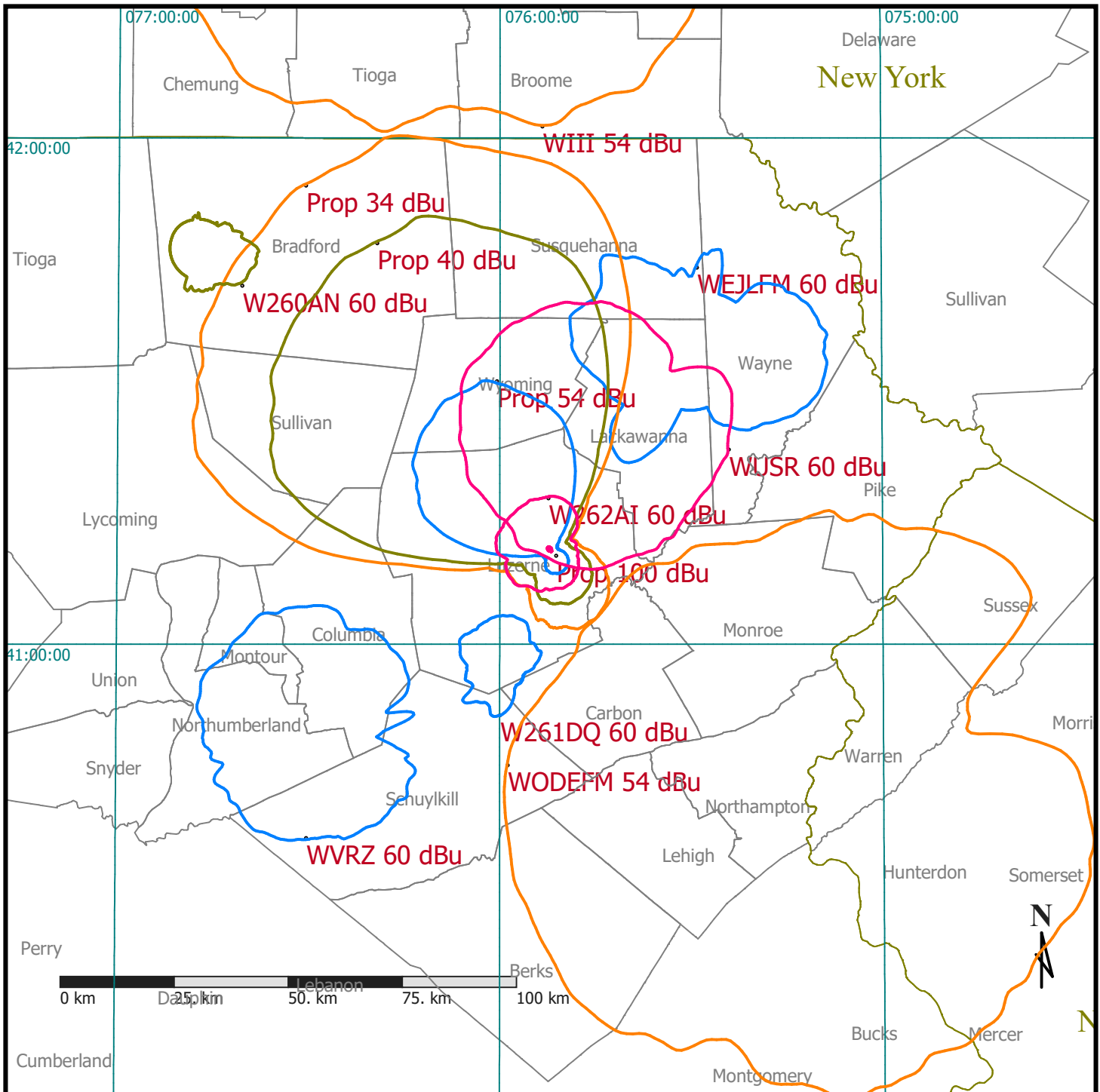
Callsign	Ser	City	State	Latitude (NAD83)	Longitude (NAD83)	Channel	Class	Stat	73	207	CIERP	HAAT	Adjacen	Distanc	Bear	73	215	CI
WODE-FM	FM	EASTON	PA	N40:42:30	W075:12:59	260 : 99.9 MB	LIC 178		-101.93	50.00	137		Co-Chan	76.07	134	-66.93		
WIII	FM	CORTLAND	NY	N42:33:23	W076:09:18	260 : 99.9 MB	LIC 178		-23.66	26.00	208		Co-Chan	154.34	351	11.34		
WEJL-FM	FM	FOREST CIT	PA	N41:33:23	W075:29:06	261 : 100.1 A	LIC 72		-19.70	6.00	97		1st Adj	52.30	038	3.30		
WVRZ	FM	MOUNT CAR	PA	N40:49:09	W076:27:44	259 : 99.7 MA	LIC 72		-7.61	0.79	197		1st Adj	64.39	231	15.39		
WUSR	FM	SCRANTON	PA	N41:25:41	W075:44:49	258 : 99.5 MA	LIC 31		-2.05	0.41	378		2nd Adj	28.95	020	3.95		
W262AI	FM	FORTY FORT	PA	N41:10:58	W075:52:13	262 : 100.3 DX	LIC 0		0.29	0.01	279		2nd Adj	0.29	252	0.29		
WSFX	FM	NANTICOKE	PA	N41:11:42	W075:59:27	206 : 89.1 MA	LIC 10		0.47	0.10	-116		IF	10.47	277	10.47		
WBBY-LP	FM	BERWICK	PA	N41:03:06	W076:15:00	262 : 100.3 L1	LIC 29		6.35	0.00	0		2nd Adj	35.35	246	6.35		
WQBR	FM	AVIS	PA	N41:13:45	W077:22:01	260 : 99.9 MA	LIC 115		10.92	0.57	321		Co-Chan	125.92	272	33.92		
W207AG	FM	FREELAND	PA	N41:01:02	W075:54:50	207 : 89.3 MDX	LIC 0		18.89	0.01	190		IF	18.89	192	18.89		
W258DJ	FM	HAZLETON	PA	N40:58:10	W075:57:23	258 : 99.5 MDX	LIC 0		24.94	0.05	0		2nd Adj	24.94	198	24.94		
W261DQ	FM	HAZLETON	PA	N40:56:24	W075:58:03	261 : 100.1 DX	LIC 0		28.35	0.05	189		1st Adj	28.35	197	-39.65		
W263AL	FM	SCRANTON	PA	N41:24:34	W075:40:00	263 : 100.5 DX	LIC 0		30.17	0.00	0		3rd Adj	30.17	034	30.17		
WFVY	FM	LEBANON	PA	N40:21:37	W076:27:30	261 : 100.1 A	LIC 72		32.17	3.00	82		1st Adj	104.17	209	55.17		
WJUX	FM	SOUTH FALL	NY	N41:48:04	W074:47:04	259 : 99.7 MA	LIC 72		41.47	1.40	208		1st Adj	113.47	053	64.47		
WEZN-FM	FM	BRIDGEPORT	CT	N41:16:44	W073:11:06	260 : 99.9 MB	LIC 178		47.09	27.50	204		Co-Chan	225.09	087	82.09		
WHHS	FM	HAVERTOW	PA	N39:58:59	W075:18:09	260 : 99.9 MDM	LIC 92		49.61	0.01	49		Co-Chan	141.61	160	74.61		
NEW	FM	KINGSTON	ON	N41:16:36	W076:29:25	263 : 100.5 DM	0		53.27	0.05	59		3rd Adj	53.27	281	53.27		
WHGL-FM	FM	CANTON	PA	N41:44:32	W076:50:07	262 : 100.3 B1	LIC 48		53.95	3.60	265		2nd Adj	101.95	307	59.95		
WBYH	FM	HAWLEY	PA	N41:24:43	W075:09:50	206 : 89.1 MA	LIC 10		54.11	0.70	165		IF	64.11	067	64.11		
WFRE	FM	FREDERICK	MD	N39:30:00	W077:29:57	260 : 99.9 MB	LIC 178		54.78	7.60	355		Co-Chan	232.78	217	89.78		
WFRE	FM	FREDERICK	MD	N39:30:00	W077:29:57	260 : 99.9 MB	LIC 178		54.79	8.40	335		Co-Chan	232.79	217	89.79		
WZXR	FM	SOUTH WILL	PA	N41:12:42	W076:57:15	257 : 99.3 MA	LIC 31		60.26	0.41	377		3rd Adj	91.26	272	66.26		
WDRE	FM	SUSQUEHAN	PA	N42:03:10	W075:42:06	263 : 100.5 A	LIC 31		66.51	1.60	196		3rd Adj	97.51	008	72.51		
WJCS	FM	ALLENTOWN	PA	N40:33:52	W075:26:24	207 : 89.3 MA	LIC 10		67.61	0.00	279		IF	77.61	152	77.61		
WRNB	FM	MEDIA	PA	N40:02:36	W075:14:32	262 : 100.3 B	LIC 69		68.21	17.00	263		2nd Adj	137.21	157	74.21		
WZMV	FM	MOHRSVILL	PA	N40:28:09	W076:03:45	206 : 89.1 MB1	LIC 12		69.04	0.00	70		IF	81.04	192	81.04		
WQBG	FM	ELIZABETHV	PA	N40:37:24	W076:49:53	263 : 100.5 A	LIC 31		71.35	1.20	157		3rd Adj	102.35	233	77.35		
WBDY-LP	FM	BINGHAMTO	NY	N42:07:12	W075:55:10	258 : 99.5 ML1	LIC 29		75.07	0.00	70		2nd Adj	104.07	358	75.07		
WIZU-LP	FM	NEWARK	DE	N39:39:52	W075:45:35	260 : 99.9 ML1	LIC 92		76.96	0.00	0		Co-Chan	168.96	177	101.96		
W257AI	FM	ALLENTOWN	PA	N40:33:54	W075:26:25	257 : 99.3 MDX	LIC 0		77.54	0.00	195		3rd Adj	77.54	152	77.54		
W259CB	FM	TEMPLE	PA	N40:28:09	W076:03:45	259 : 99.7 MDX	LIC 0		81.04	0.00	0		1st Adj	81.04	192	13.04		
WSKG-FM	FM	BINGHAMTO	NY	N42:03:40	W075:56:45	207 : 89.3 MB	LIC 15		82.68	11.50	317		IF	97.68	356	97.68		
WJBR-FM	FM	WILMINGTO	DE	N39:50:02	W075:31:26	258 : 99.5 MB	LIC 69		83.66	50.00	152		2nd Adj	152.66	169	89.66		
W261CA	FM	LEWISBURG	PA	N40:58:07	W076:50:52	261 : 100.1 DX	LIC 0		85.82	0.00	0		1st Adj	85.82	254	17.82		
WOKN	FM	SOUTHPORT	NY	N42:01:55	W076:47:01	258 : 99.5 MA	LIC 31		90.31	1.70	191		2nd Adj	121.31	321	96.31		
W207AA	FM	WILLIAMSP	PA	N41:12:32	W076:57:30	207 : 89.3 MDX	LIC 0		91.60	0.01	361		IF	91.60	272	91.60		
W257DI	FM	READING	PA	N40:21:08	W075:55:27	257 : 99.3 MDX	AP 0		92.45	0.09	-27		3rd Adj	92.45	183	92.45		
WNJY	FM	NETCONG	NJ	N40:53:14	W074:41:53	207 : 89.3 MA	LIC 10		93.64	0.00	131		IF	103.64	109	103.64		
W207AE	FM	READING	PA	N40:19:11	W075:53:40	207 : 89.3 MDX	LIC 0		95.96	0.00	24		IF	95.96	181	95.96		
WBAI	FM	NEW YORK	NY	N40:45:22	W073:59:10	258 : 99.5 MB	LIC 69		96.27	10.00	282		2nd Adj	165.27	107	102.27		
WHTZ	FM	NEWARK	NJ	N40:44:54	W073:59:09	262 : 100.3 B	LIC 69		96.57	6.00	415		2nd Adj	165.57	107	102.57		

Contour Analysis

Kevin Fitzgerald
Job: W260DV Dallas Tran Int.fmj
Master Database: 2021_Feb_07.fmd
Lat: N41:11:01 Lon: W075:52:01 NAD-83
Scale: 1:1250000
Channel: 260 Class: DX
Status: Licensed, Construction Permit, Application
Channels:
Range: 100 km, Clearance: -0.5km
Comments: No Comments
Description: W260DV, 99.9, Dallas, PA; Translator Interference Analysis

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Date: 5/20/2021 10:47:44 PM
Key:

City Grade
Protected
Co-Channel
1st Adj
2nd/3rd Adj



Contour Analysis

Kevin Fitzgerald

Job: W260DV Dallas Tran Int Blown Up to WIII.fmj

Master Database: 2021_Feb_07.fmd

Lat: N41:59:20 Lon: W076:16:52 NAD-83

Scale: 1:500000

Channel: 260 Class: DX

Status: Licensed, Construction Permit, Application

Channels:

Range: 100 km, Clearance: -0.5km

Comments: No Comments

Description: W260DV, 99.9, Dallas, PA; Translator Interference Analysis Blown Up to WIII

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Date: 5/20/2021 10:57:27 PM

Key:

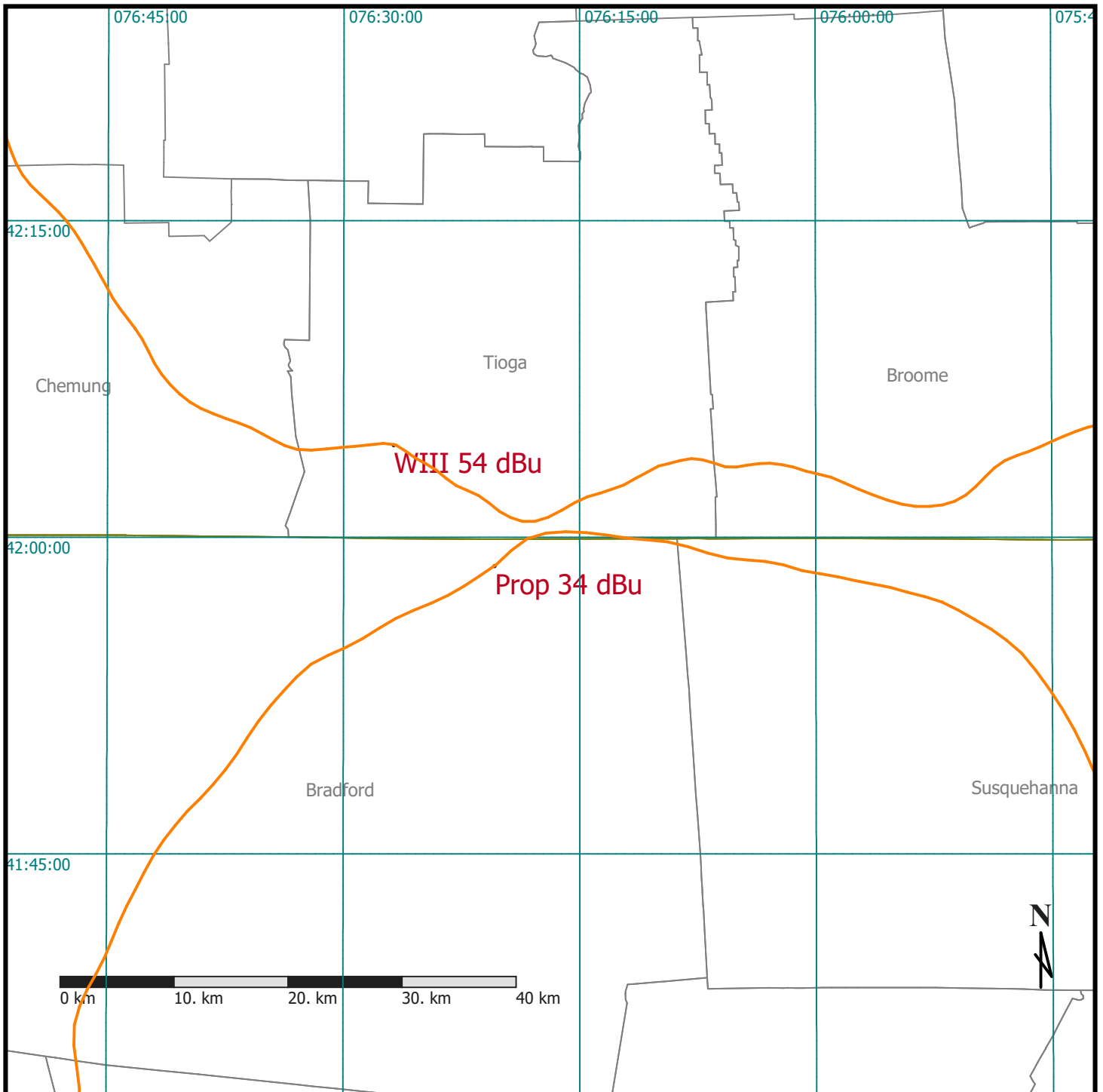
City Grade

Protected

Co-Channel

1st Adj

2nd/3rd Adj



Contour Analysis

Kevin Fitzgerald

Job: W260DV Dallas Tran Int Blown Up to WODEFM.fmj

Master Database: 2021_Feb_07.fmd

Lat: N41:03:16 Lon: W075:45:17 NAD-83

Scale: 1:62500

Channel: 260 Class: DX

Status: Licensed, Construction Permit, Application

Channels:

Range: 100 km, Clearance: -0.5km

Comments: No Comments

Description: W260DV, 99.9, Dallas, PA; Translator Interference Analysis Blown Up to WODE-FM

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Date: 5/21/2021 1:37:45 AM

Key:

City Grade

Protected

Co-Channel

1st Adj

2nd/3rd Adj

