

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 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 one other FM facility. The attached maps demonstrate that there is no prohibited contour overlap between this facility and the instant proposed FM translator facilities. One full power station (grandfathered super power) and one FM translator have also been included to better show no prohibited overlap. As demonstrated in these maps no prohibited overlap with these stations is predicted.

The three facilities that have been included on the attached maps are: WQKY, 98.9, Emporium, PA (60 dBu contour to proposed 54 dBu interference contour); W257AX, 99.3, Hornell, NY (60 dBu contour to proposed 54 dBu interference contour); and WDCX-FM, 99.5, Buffalo, NY (54 dBu contour to proposed 94 dBu interference contour).

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, Technical Consultant

Kevin Fitzgerald
 Job: W256BS Richburg Tran Int.fmj
 Master Database: 2023_Jun_30.fmd
 Lat: N42:07:06 Lon: W078:10:41 NAD-83
 Channel: 256 Class: A
 Status: Licensed, Construction Permit, Application
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF
 Range: 100 km
 Comments: No Comments

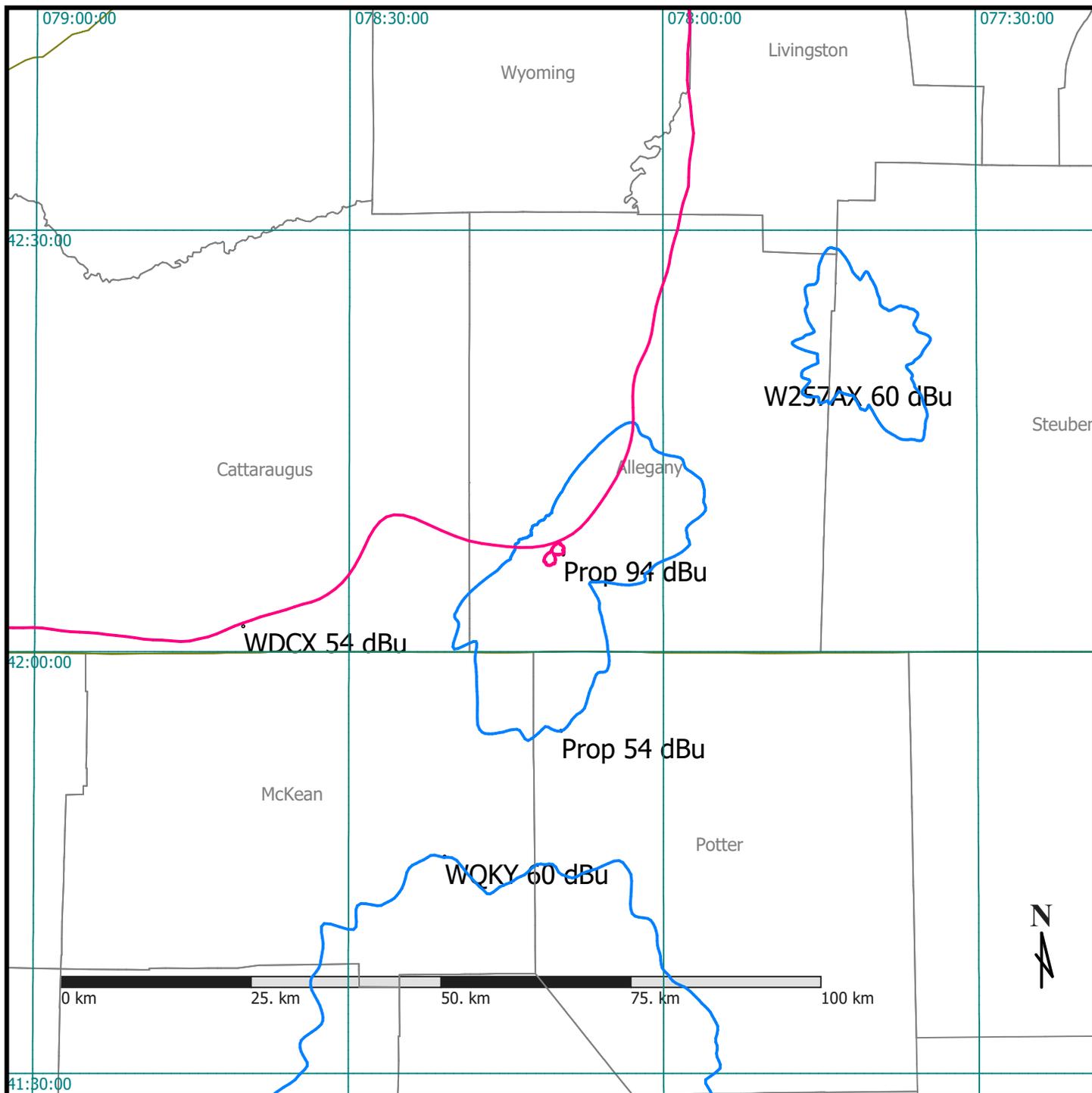
Description: W256BS, 99.1, Richburg, NY; 250w, FLN Site; Spacing Study; WQKY, WDCX, and W257AX will be shown to be fully spaced.

Callsign	Ser	City	State	Latitude (NAD83)	Longitude (NAD83)	Channel	Clas	Stat	73	207	73	207	CIERP	HAAT	Adjacen	Distanc	Bear	73	215	CI
WQKY	FM	EMPORIUM	PA	N41:29:32	W078:15:17	255 : 98.9 MA	LIC	72	-2.17	2.00	167	1st Adj	69.83	185	20.83					
WDCX-FM	FM	BUFFALO	NY	N42:38:09	W078:46:05	258 : 99.5 MB	LIC	69	6.27	110.0	195	2nd Adj	75.27	320	12.27					
WAAL	FM	BINGHAMTO	NY	N42:03:32	W075:57:03	256 : 99.1 MB	LIC	178	6.39	8.70	291	Co-Chan	184.39	092	41.39					
WBZA	FM	ROCHESTER	NY	N43:10:14	W077:40:21	255 : 98.9 MB	LIC	113	11.03	37.00	172	1st Adj	124.03	020	28.03					
WSBU	FM	ST. BONAVENTY	NY	N42:04:46	W078:29:05	202 : 88.3 MA	LIC	10	15.73	0.17	0	IF	25.73	260	25.73					
WRKW	FM	EBENSBURG	PA	N40:24:41	W078:46:27	256 : 99.1 MB	LIC	178	18.03	50.00	152	Co-Chan	196.03	195	53.03					
W256BS	FM	OLEAN	NY	N42:01:29	W078:26:52	256 : 99.1 MDX	LIC	0	24.62	0.00	0	Co-Chan	24.62	245	24.62					
W254BQ	FM	LIMESTONE	NY	N41:57:22	W078:38:46	254 : 98.7 MDX	LIC	0	42.74	0.25	0	2nd Adj	42.74	245	42.74					
W257AX	FM	HORNELL	NY	N42:21:02	W077:41:24	257 : 99.3 MDX	LIC	0	47.85	0.08	0	1st Adj	47.85	057	-20.15					
WKSE	FM	NIAGARA FAL	NY	N43:00:18	W078:59:32	253 : 98.5 MB	LIC	69	50.05	46.00	128	3rd Adj	119.05	326	56.05					
WPHD	FM	CORNING	NY	N42:08:31	W077:04:38	254 : 98.7 MA	LIC	31	60.07	1.20	220	2nd Adj	91.07	088	66.07					
WCOU	FM	ATTICA	NY	N42:49:36	W078:12:23	202 : 88.3 MB	LIC	15	63.72	11.00	163	IF	78.72	358	78.72					
WCIN	FM	BATH	NY	N42:21:27	W077:19:15	202 : 88.3 MA	LIC	10	65.58	0.25	64	IF	75.58	069	75.58					
WCIN	FM	BATH	NY	N42:21:27	W077:19:15	202 : 88.3 MA	LIC	10	65.58	0.25	64	IF	75.58	069	75.58					
WHMJ	FM	FRANKLIN	PA	N41:26:16	W079:55:27	257 : 99.3 MB1	LIC	96	67.67	7.30	183	1st Adj	163.67	242	91.67					
WHYP-LP	FM	CORRY	PA	N41:54:28	W079:39:04	255 : 98.9 ML1	LIC	56	68.23	0.10	26	1st Adj	124.23	259	68.23					
WZXR	FM	SOUTH WILLI	PA	N41:13:05	W076:57:25	257 : 99.3 MA	LIC	72	70.63	0.42	372	1st Adj	142.63	135	93.63					
WFLK	FM	SENECA FAL	NY	N42:59:39	W076:51:57	257 : 99.3 MA	LIC	72	73.18	5.00	109	1st Adj	145.18	048	96.18					
WOLR-LP	FM	WILLIAMSP	PA	N41:13:29	W077:03:29	255 : 98.9 ML1	LIC	56	80.20	0.10	0	1st Adj	136.20	137	80.20					
WYVL	FM	YOUNGSVILL	PA	N41:54:07	W079:15:39	203 : 88.5 MA	LIC	10	82.86	2.50	130	IF	92.86	255	92.86					
W255AE	FM	WARREN	PA	N41:51:34	W079:08:13	255 : 98.9 MDX	LIC	0	84.51	0.05	0	1st Adj	84.51	250	16.51					
WOKN	FM	SOUTHPORT	NY	N42:01:55	W076:47:00	258 : 99.5 MA	LIC	31	84.83	1.70	191	2nd Adj	115.83	095	90.83					
W254AQ	FM	JAMESTOWN	NY	N42:07:53	W079:13:11	254 : 98.7 MDX	LIC	0	86.14	0.01	88	2nd Adj	86.14	271	86.14					
WZXV	FM	PALMYRA	NY	N43:02:01	W077:25:15	259 : 99.7 MA	LIC	31	88.16	2.80	148	3rd Adj	119.16	031	94.16					
W203AW	FM	FREDONIA	NY	N42:27:06	W079:18:04	203 : 88.5 MDX	LIC	0	99.76	0.02	4	IF	99.76	292	99.76					

Contour Analysis

Kevin Fitzgerald
Job: W256BS Richburg Tran Int.fmj
Master Database: 2023_Jun_30.fmd
Lat: N42:07:06 Lon: W078:10:41 NAD-83
Scale: 1:750000
Channel: 256 Class: DX
Status: Licensed, Construction Permit, Application
Channels:
Range: 100 km, Clearance: -0.5km
Comments: No Comments
Description: W256BS, 99.1, Richburg, NY; 250w, FLN Site

rfInvestigator Version 3.8.16
by rfSoftware, Inc.
Date: 8/12/2023 6:11:51 PM
Key:
City Grade
Protected
Co-Channel
1st Adj
2nd/3rd Adj



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