

Amend 186865 change to unregistered tower. ATC controlled access site.

Change location to American Tower unregistered tower Asset 15201. Study created: 2022.06.27

14:29:59

Study build station data: LMS TV 2022-06-23

Proposal: W50ES-D D17 LD CP ELMIRA, NY  
File number: ATC 15201 100 w @90  
Facility ID: 186865  
Station data: User record  
Record ID: 1164  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNYO-TV	D16	DT	LIC	BUFFALO, NY	BLANK0000136976	188.2 km
No	WNYS-CD	D16	DC	LIC	ITHACA, NY	BLANK0000001083	52.3
No	WZLH-LD	D16	LD	LIC	SYRACUSE, NY	BLANK0000118420	123.2
No	W16EJ-D	D16	LD	LIC	Harrisburg, PA	BLANK0000168717	201.1
No	WNMF-LD	D17	LD	APP	MORRISTOWN, NJ	BLANK0000127456	293.8
No	WNMF-LD	D17	LD	LIC	MORRISTOWN, NJ	BLDTL20130325APT	254.0
No	WVBG-LD	D17+	LD	LIC	GREENWICH, NY	BLANK0000152272	251.4
No	W17ED-D	D17	LD	LIC	HORNELL, ALFRED, NY	BLANK0000166828	87.6
No	W2OEF-D	D17	LD	APP	NEW YORK, NY	BLANK0000054825	293.8
No	WLIG-LD	D17	LD	LIC	PLAINVIEW, ETC., NY	BLANK0000151471	331.9
No	WLIG-LD	N17+	TX	LIC	PLAINVIEW, ETC., NY	BLTTL20050802AAY	331.9
No	WSYR-TV	D17	DT	CP	SYRACUSE, NY	BLANK0000127611	120.2
No	WSYR-TV	D17	DT	LIC	SYRACUSE, NY	BLANK0000136455	120.2
No	WBNX-TV	D17	DT	LIC	AKRON, OH	BLANK0000100132	399.4
No	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	276.6
No	WJMB-CD	D17	DC	CP	BUTLER, PA	BLANK0000131009	276.6
No	WPHL-TV	D17	DT	LIC	PHILADELPHIA, PA	BLANK0000040408	273.7
No	WPHL-TV	D17	DT	CP	PHILADELPHIA, PA	BLANK0000127575	273.7
No	W17DU-D	D17	LD	CP	WILKES-BARRE, PA	BLANK0000189704	139.7
No	W17DU-D	D17	LD	LIC	WILKES-BARRE, PA	BLANK0000153787	139.7
No	WPXQ-TV	D17	DT	LIC	NEWPORT, RI	BLANK0000068158	436.1
No	W3OCO-D	D17	LD	CP	WHEELING, WV	BLANK0000054635	390.3
No	WMBC-TV	D18	DD	LIC	NEWTON, NJ	BLCDT20101130AAX	270.6
No	WDTB-LD	D18	LD	CP	HAMBURG, NY	BLANK0000120384	176.5
No	WTVH	D18	DT	LIC	SYRACUSE, NY	BLANK0000136484	115.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17  
Mask: Simple  
Latitude: 42 7 30.20 N (NAD83)  
Longitude: 76 58 51.70 W  
Height AMSL: 284.8 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 0.100 kW  
Antenna: SBP-UPSL (ID 100733) 90.0 deg  
Elev Pattn: Generic

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	-197.1 m	2.5 km
45.0	0.023	-72.8	7.4
90.0	0.100	-83.1	10.6
135.0	0.023	-163.2	7.4

180.0	0.000	-199.8	2.5
225.0	0.000	-167.7	2.5
270.0	0.000	-107.5	2.5
315.0	0.000	-161.8	2.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: -144 m

Proposal 24.04 dBu contour does not cross Canadian border  
Distance to Canadian border: 168.1 km

Distance to Mexican border: 2555.7 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 345.2 degrees    Distance: 90.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 274.2 degrees    Distance: 2363.6 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

---- Below is IX received by proposal ATC 15201 100 w @90 ----

Proposal receives 2.20% interference from scenario 1  
Proposal receives 2.20% interference from scenario 2  
Proposal receives 11.68% interference from scenario 3  
Proposal receives 11.68% interference from scenario 4  
No IX check failures found.

**W12DP-D.A**

0000193267

Latitude: 42-07-30.20 N

Longitude: 076-58-51.70 W

ERP: 0.10 kW

Channel: 12

Frequency: 207.0 MHz

AMSL Height: 281.0 m

Elevation: 275.0 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 0.0

Mech Tilt: 2.0

Tilt Azi: 45.0

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0

Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast



Line of Sight

