



**Kessler and Gehman Associates**  
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2021-06-10

Proposal: W30CR-D D36 LD CP BISCOE, NC  
File number: W36FB-D Omni  
Facility ID: 32317  
Station data: User record  
Record ID: 2657  
Country: U.S.

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

Search options:  
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WFMY-TV	D35	DT	LIC	GREENSBORO, NC	BLANK0000113927	66.0 km
No	W35DW-D	D35	LD	CP	GREENVILLE, NC	BLANK0000138317	224.2
No	WTMV-LD	D35	LD	LIC	OGDEN, NC	BLANK0000058471	214.8
No	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK0000120378	232.7
No	WCYB-TV	D35	DT	APP	BRISTOL, VA	BLANK0000127663	242.8
No	WTTG	D36	DT	LIC	WASHINGTON, DC	BLANK0000058564	476.1
No	WTTG	D36	DT	CP	WASHINGTON, DC	BLANK0000120639	475.8
No	W36FL-D	D36	LD	CP	ATHENS, GA	BNPDTL20090825AER	325.3
No	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	443.6
No	WFXG	D36	DT	LIC	AUGUSTA, GA	BLANK0000081277	276.5
No	WGCB-LD	D36-	LD	LIC	HINESVILLE-RICHMOND, GA	BLANK0000080179	383.6
No	WKAS	D36	DT	LIC	ASHLAND, KY	BLANK0000087441	432.1
No	WASV-LP	D36	LD	LIC	ASHEVILLE, NC	BLANK0000108621	259.5
Yes	W24CP-D	D36	LD	CP	DURHAM, NC	BLANK0000052041	89.8
No	WEPX-TV	D36	DT	LIC	GREENVILLE, NC	BLANK0000090758	240.4
Yes	WUNE-TV	D36	DT	LIC	LINVILLE, NC	BLANK0000111606	201.4
Yes	WBFT-CD	D36	DC	LIC	SANFORD, NC	BLANK0000124673	65.6

Yes	WFXB	D36	DT	LIC	MYRTLE BEACH, SC	BLANK0000081825	134.7
No	WVLR	D36	DT	LIC	TAZEWELL, TN	BLANK0000097858	359.2
No	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	359.0
No	WRID-LD	D36	LD	CP	RICHMOND, VA	BLANK0000054443	318.8
Yes	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	215.3
No	WYSJ-CA	D36	DC	CP	YORKTOWN, VA	BLANK0000034756	363.9
No	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	363.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36  
Mask: Full Service  
Latitude: 35 16 36.50 N (NAD83)  
Longitude: 79 50 1.10 W  
Height AMSL: 223.0 m  
HAAT: 73.5 m  
Peak ERP: 6.90 kW  
Antenna: TLP-8A-R 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.90 kW	75.0 m	35.7 km
45.0	6.90	49.6	31.2
90.0	6.90	27.4	25.9
135.0	6.90	55.1	32.5
180.0	6.90	110.0	40.1
225.0	6.90	130.1	41.6
270.0	6.90	86.4	37.3
315.0	6.90	54.3	32.3

Distance to Canadian border: 745.4 km

Distance to Mexican border: 1929.7 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 252.0 degrees Distance: 474.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 291.2 degrees Distance: 2288.5 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%

Proposal causes 0.00% interference to BLANK0000113927 LIC scenario 1

Proposal causes no interference to BLANK0000052041 CP

Proposal causes 0.10% interference to BLANK0000111606 LIC scenario 1

Proposal causes 0.23% interference to BLANK0000124673 LIC scenario 1

Proposal causes 0.36% interference to BLANK0000081825 LIC scenario 1

Proposal causes no interference to BLANK0000080996 LIC

---- Below is IX received by proposal W36FB-D Omni ----

Proposal receives 34.84% interference from scenario 1

No IX check failures found.