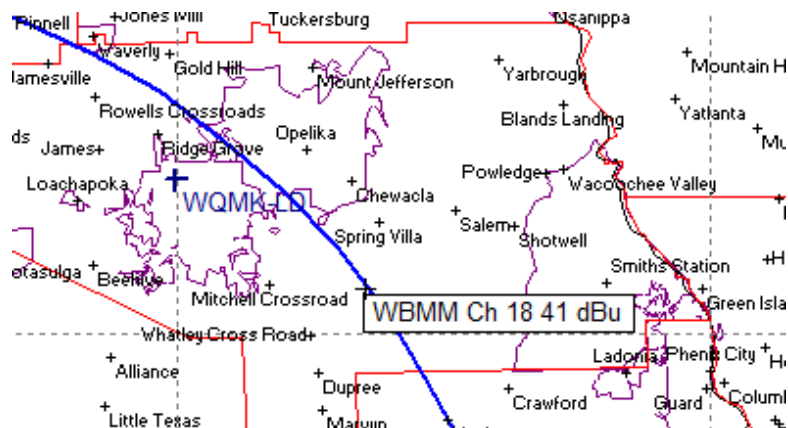


Displacement

WQMK is on Channel 18 and is displaced by WLGA, Channel 17, Opelika, AL and WIYC, Channel 19, Troy, AL and WBMM, Channel 18, Tuskegee, AL. See below.



Study created: 2018.04.09 14:51:49

Study build station data: LMS TV 2018-03-31 (46)

Proposal: WQMK-LD D18 LD LIC CUSSETA, AL
 File number: BLANK0000004333
 Facility ID: 60822
 Station data: User record
 Record ID: 1202
 Country: U.S.

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WUOA-LD	D17	LD	LIC	BIRMINGHAM, AL	BLANK0000011374	154.9 km
No	WJMY-CD	D17	DC	APP	DEMOPOLIS, AL	BLANK0000034277	196.9
No	WJMY-CD	D17	DC	CP	DEMOPOLIS, AL	BLANK0000028184	197.2
No	WJMY-CD	D17	DC	BL	DEMOPOLIS, AL	DTVBL30283	197.2
No	WAAY-TV	D17	DT	CP	HUNTSVILLE, AL	BLANK0000027632	253.7

No	WAAY-TV	D17	DT	BL	HUNTSVILLE, AL	DTVBL57292	253.7
Yes	WALE-LD	D17	LD	LIC	MONTGOMERY, AL	BLANK0000001706	80.3
Yes	WLGA	D17	DT	CP	OPELIKA, AL	BLANK0000028626	74.5
Yes	WLGA	D17	DD	APP	OPELIKA, AL	BLANK0000030376	85.5
Yes	WLGA	D17	DT	BL	OPELIKA, AL	DTVBL11113	74.5
Yes	WRDP-LD	D17	LD	CP	COLUMBUS, GA	BLANK0000013699	74.5
No	WDYI-LD	D17	LD	CP	MACON, GA	BLANK0000010951	152.3
Yes	WDBB	D18	DT	LIC	BESSEMER, AL	BLCDT20060421ABG	201.1
No	WAWA-LD	D18	LD	CP	DOTHAN, AL	BNPDTL20090825ANQ	150.7
Yes	WZDX	D18	DT	CP	HUNTSVILLE, AL	BLANK0000034779	253.7
Yes	WZDX	D18	DT	BL	HUNTSVILLE, AL	DTVBL28119	253.7
No	WMPV-TV	D18	DT	CP	MOBILE, AL	BLANK0000034775	299.4
No	WMPV-TV	D18	DT	BL	MOBILE, AL	DTVBL60827	299.4
Yes	WBMM	D18	DT	CP	TUSKEGEE, AL	BLANK0000027063	74.3
Yes	WBMM	D18	DT	BL	TUSKEGEE, AL	DTVBL68427	74.3
No	WJXT	D18	DT	CP	JACKSONVILLE, FL	BLANK0000034420	456.3
No	WJXT	D18	DT	BL	JACKSONVILLE, FL	DTVBL53116	456.3
No	W18EI-D	D18	LD	CP	MARIANNA, FL	BNPDTL20090825AWL	208.2
No	NEW	D18	LD	APP	MONTICELLO, FL	BNPDTL20090825BMH	277.7
Yes	WJHG-TV	D18	DT	LIC	PANAMA CITY, FL	BLANK0000001551	252.5
No	NEW	D18	LD	APP	QUINCY, FL	BNPDTL20090825AMN	247.1
No	NEW	D18	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BIA	263.3
No	NEW	D18	LD	APP	TALLAHASSEE, FL	BNPDTL20090825ALY	263.3
No	WUEE-LD	D18	LD	CP	ALBANY, GA	BLANK0000013290	183.7
Yes	WUVG-DT	D18	DT	CP	ATHENS, GA	BLANK0000029625	170.4
Yes	WUVG-DT	D18	DT	BL	ATHENS, GA	DTVBL48813	170.4
No	W18ED-D	D18	LD	CP	CHULA, GA	BNPDTL20100510ABF	220.3
No	NEW	D18	LD	APP	VALDOSTA, GA	BNPDTL20090825AHG	287.3
No	W18EL-D	D18	LD	CP	LAUREL, MS	BNPDTL20100510AFO	354.1
No	WNEH	D18	DT	LIC	GREENWOOD, SC	BLEDT20090622ADL	365.1
No	W18BL-D	D18	DC	LIC	ADAMSVILLE, TN	BLDTA20110429ABP	393.2
No	W18DS-D	D18	LD	LIC	CHATTANOOGA, TN	BLDTL20120320ABS	293.8
No	WPXK-TV	D18	DT	CP	JELLICO, TN	BLANK0000026977	402.2
No	WPXK-TV	D18	DT	BL	JELLICO, TN	DTVBL52628	402.2
No	WIIQ	D19	DT	LIC	DEMOPOLIS, AL	BLEDT20090511AHE	224.4
No	WHNT-TV	D19	DT	LIC	HUNTSVILLE, AL	BLCDT20111118COZ	253.8
No	WOTM-LD	D19	LD	LIC	MONTEVALLO, AL	BLANK0000004826	136.5
No	WOTM-LD	N19+	TX	LIC	MONTEVALLO, AL	BLTTL19970514JI	137.9
Yes	WDSF-LD	D19	LD	LIC	MONTGOMERY, AL	BLANK0000001458	89.8
Yes	WIYC	D19	DT	CP	TROY, AL	BLANK0000034521	75.4
Yes	WIYC	D19	DT	BL	TROY, AL	DTVBL62207	75.3
No	NEW	D19	LD	APP	ALBANY, GA	BNPDTL20090825CAA	170.4
No	NEW	D19	LD	APP	ALBANY, GA	BNPDTL20090825AII	170.4
Yes	WGCL-TV	D19	DT	LIC	ATLANTA, GA	BLCDT20060113ACO	170.4
No	WTLH	D19	DT	CP	BAINBRIDGE, GA	BLANK0000027936	259.8

No	WTLH	D19	DT	APP	BAINBRIDGE, GA	BLANK0000034478	259.8
No	WTLH	D19	DT	BL	BAINBRIDGE, GA	DTVBL23486	259.8
No	NEW	D19	LD	APP	CAMILLA/MOULTRIE, GA	BNPDTL20090825AYL	213.4
No	W19DW-D	D19	LD	CP	COLUMBUS, GA	BLANK0000015603	45.6
No	WANX-LP	N19+	TX	LIC	COLUMBUS, GA	BLTTL20070813AAT	57.4
No	W19DN-D	D19	LD	CP	MACON, GA	BLANK0000036282	182.2
No	WKNI-LP	N25-	TX	LIC	ANDALUSIA, AL	BLTTL20050131AAD	165.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18
 Mask: Simple
 Latitude: 32 37 19.00 N (NAD83)
 Longitude: 85 30 5.00 W
 Height AMSL: 308.2 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: AND-AL8 (ID 16352) 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.75

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	87.9 m	43.3 km
45.0	12.1	94.8	43.1
90.0	7.18	74.2	37.7
135.0	6.41	125.9	42.9
180.0	7.54	166.5	46.5
225.0	6.41	154.9	44.9
270.0	7.18	128.5	43.7
315.0	12.1	103.9	44.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 117 m

Distance to Canadian border: 1036.8 km

Distance to Mexican border: 1329.7 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 27.5 degrees Distance: 155.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 300.9 degrees Distance: 1946.2 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%

**IX check failure to BLANK0000028626 CP scenario 1, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 2, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 3, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 4, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 5, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 6, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 7, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 8, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 9, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 10, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 11, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 12, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 13, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 14, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 15, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 16, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 17, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 18, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 19, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 20, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 21, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 22, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 23, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 24, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 25, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 26, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 27, 5.42% interference caused
**IX check failure to BLANK0000028626 CP scenario 28, 5.42% interference caused

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***IX check failure to DTVBL68427 BL scenario 44, 1.88% interference caused*
***IX check failure to DTVBL68427 BL scenario 45, 1.82% interference caused*
***IX check failure to DTVBL68427 BL scenario 46, 1.82% interference caused*
***IX check failure to DTVBL68427 BL scenario 47, 1.88% interference caused*
***IX check failure to DTVBL68427 BL scenario 48, 1.88% interference caused*
***IX check failure to BLANK0000034521 CP scenario 1, 7.07% interference caused*
***IX check failure to BLANK0000034521 CP scenario 2, 7.07% interference caused*
***IX check failure to BLANK0000034521 CP scenario 3, 7.11% interference caused*
***IX check failure to BLANK0000034521 CP scenario 4, 7.07% interference caused*
***IX check failure to BLANK0000034521 CP scenario 5, 7.11% interference caused*
***IX check failure to BLANK0000034521 CP scenario 6, 7.07% interference caused*
***IX check failure to DTVBL62207 BL scenario 1, 8.78% interference caused*
***IX check failure to DTVBL62207 BL scenario 2, 8.78% interference caused*
***IX check failure to DTVBL62207 BL scenario 3, 8.78% interference caused*
***IX check failure to DTVBL62207 BL scenario 4, 8.77% interference caused*
***IX check failure to DTVBL62207 BL scenario 5, 8.78% interference caused*
***IX check failure to DTVBL62207 BL scenario 6, 8.77% interference caused*

---- Below is IX received by proposal BLANK0000004333 ----

Proposal receives 24.31% interference from scenario 1

***MX with BLANK0000030376 APP scenario 2, 24.13% interference received*