

KQLF-MOD 10.5kw Sound In Spirit Broadcasting, Inc. CH# 201A - 88.1 MHz, Pwr= 10.5 kw, HAAT= 42.9 M, COR= 277 M Average Protected F(50-50)= 21.76 km Omni-directional											
REFERENCE 41 02 02.0 N. 92 24 34.0 W.										DISPLAY DATES DATA 09-02-21 SEARCH 09-30-21	
CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
202A Ottumwa	KQLF	LIC _CN IA		280.5 100.5	0.01 BLED20111201MNT	41 02 02.1 92 24 34.7	1.400 44	18.5 277	12.6 Sound In Spirit Broadcasti	-40.0*	-45.0*
201A Des Moines	KDPS	LIC _HN IA		301.1 120.3	119.87 BLED261	41 35 00.9 93 38 28.7	5.200 87	84.6 350	27.5 Des Moines Independent Sch	8.6	2.3
254C1 Centerville	KMGO«	LIC _CN IA		235.8 55.5	47.72 BLH20141203ABM	40 47 31.0 92 52 39.7	100.000 138	0.0 423	0.0 Honey Creek Broadcasting,	21.5R	26.2M
254C0 Centerville	KMGO«	CP _CN IA		262.7 82.3	57.03 BPH20170331ABV	40 58 02.2 93 04 53.7	100.000 321	0.0 614	0.0 Honey Creek Broadcasting,	24.5R	32.5M
202C3 Cedar Rapids	KCKK-FM	LIC _CN IA		32.6 213.1	115.85 BLED1408	41 54 33.0 91 39 17.6	10.000 128	53.6 366	35.3 Kirkwood Community College	43.3	52.5
202A Newton	KKLG	LIC _CN IA		325.8 145.4	88.76 BLED20051004ADB	41 41 33.0 93 00 37.7	0.400 67	18.6 338	12.6 Educational Media Foundati	51.8	49.0

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.
 All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
 « = Station meets FCC minimum distance spacing for its class.