

Exhibit 13 - FM Channel Study
Kilgore Broadcast Maintenance

Cleveland Communications tower
Gospel Opportunities, Inc.

REFERENCE
46 18 53.0 N.
85 33 44.6 W.

CH# 259D - 99.7 MHz, Pwr= 0.027 kW, HAAT= 76.7 M, COR= 320 M
Average Protected F(50-50)= 6.48 km
Omni-directional

DISPLAY DATES
DATA 08-06-16
SEARCH 08-10-16

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*
259D Newberry	W259AD	LIC _CN MI		60.7 240.7	4.09 BLFT19960625TC	46 19 58.0 85 30 57.0	0.018 85	19.1 322	5.8 Gospel Opportunities, Inc.	-22.0*	-25.0*
258C1 Sault Ste. Marie	WYSS	LIC _CX MI		83.8 264.6	89.82 BLH20140825ACG	46 23 48.0 84 23 52.0	100.000 86	77.6 285	48.0 Sovereign Communications,	5.4	32.2

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= East 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.

Protected zones report for W259AD on channel 259D 08-10-2016

Lat. 46 18 53.0 Lng. 85 33 44.6, ERP= 0.027 kw, HAAT= 76.7 m

The translator's 34 dBu F(50-10) contour does not touch Canada.

Facility is okay with respect to AM station towers.

Closest AM Facility is WNBY, NEWBERRY, MI, L, ND2 at 92.2° at a distance of 4.0 km

Facility is okay with respect to FCC monitoring stations.

Closest FCC Monitoring Station is 413.3 km= Allegan, MI

Facility is okay toward West Virginia Quiet Zone. Distance to center = 1013.6 km

Facility is okay toward Table Mountain. Distance to Center = 1739.8 km, Azimuth = 253.7 Degrees True

W259AD Newberry, MI Relocation to Cleveland Comm tower

