

Exhibit 13 – Summary of SunDTV™ Study

Summary Study

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 Census data selected 2000
 Data Base Selected
 ./data_files/pt_tvdb.sff

WARNING WARNING WARNING

The following list of station records has been excluded from the analysis due to the fact that they have the same state, city and channel as the proposed station - This could cause the program to not find a potential fail situation

You can force the program to include these records by setting the state of the proposed record to ZZ and re-running the analysis

WMNN-LD 14 LAKE CITY MI BLDTL 20110228ABP

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-19-2013 Time: 10:18:38

Record Selected for Analysis

WMNN-LD- USERRECORD-01 LAKE CITY MI US
 Channel 14 ERP 1.97 kW HAAT 159. m RCAMSL 00562 m STRINGENT MASK
 Latitude 044-14-56 Longitude 0085-18-48
 Status APP Zone 1 Border Site number: 01
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
 Last update Cutoff date Docket
 Comments
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Service Class = LD

Maximum height/power limits not checked

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Site number	1		
Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	1.970	160.7	37.0
45.0	1.970	179.1	38.1
90.0	1.970	197.0	39.1
135.0	1.970	176.1	38.0
180.0	1.970	113.5	33.8
225.0	1.970	147.4	36.1
270.0	1.970	157.5	36.8
315.0	1.970	138.9	35.6

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 221.1km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations
