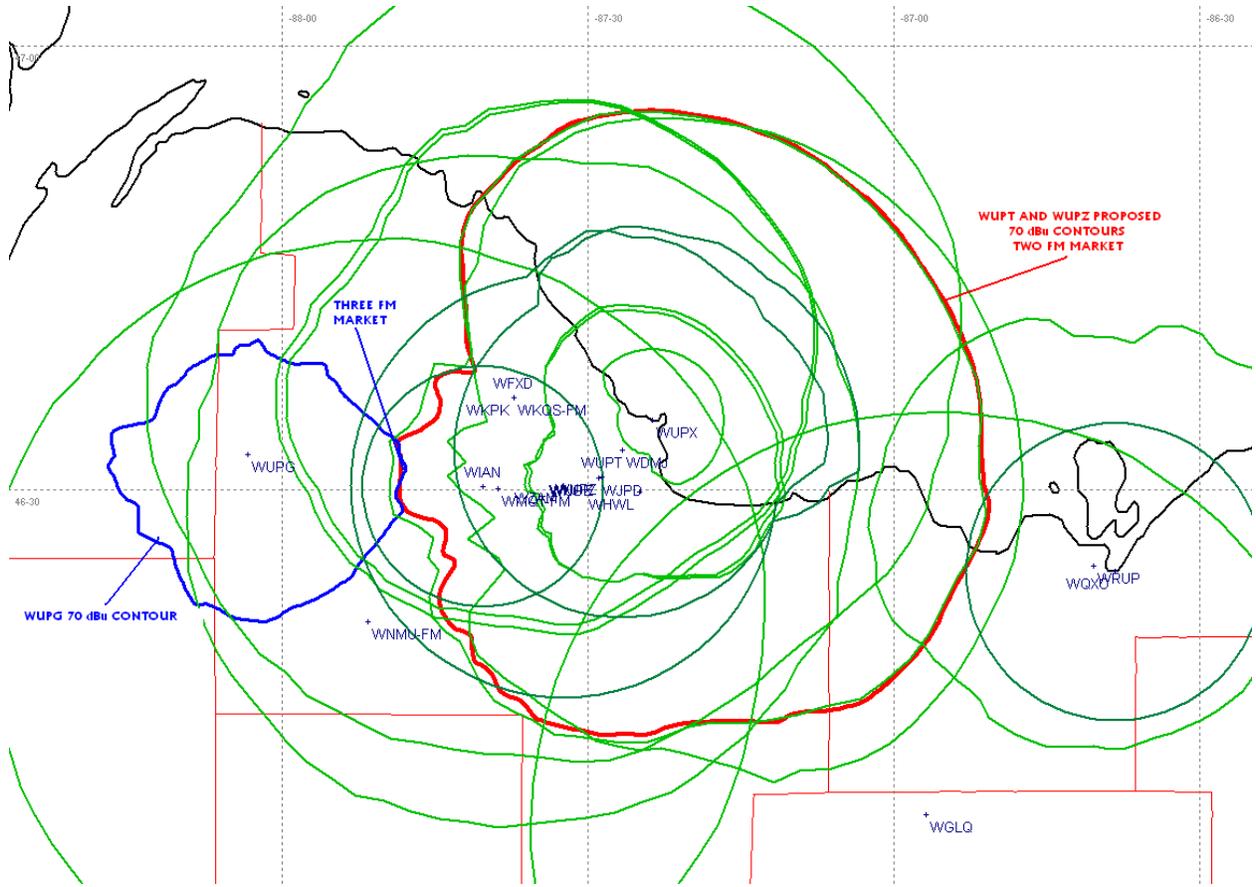


**EXHIBIT 5**  
**MULTIPLE OWNERSHIP STUDY**  
**APPLICATION FOR CONSTRUCTION PERMIT**  
**RADIOACTIVE, LLC**  
**WUPT(FM), GWINN, MICHIGAN**  
**CH 262C1 100 KW (H&V) 156 METERS**  
**FACILITY ID # 164244**

In addition to the instant station, Radioactive holds a license for an FM station on channel 235C1 at Chocolay Township, Michigan, call sign WUPZ(FM), Facility ID No. 164243. The proposed principal community contour of WUPZ(FM) matches the proposed principal community contour of WUPT(FM), creating a two-FM “Radio Market.” Radioactive also holds a license for an FM station on channel 244C3 at Republic, Michigan, call sign WUPG(FM), Facility ID No. 164246. The principal community contour of WUPG(FM) overlaps the proposed principal community contours of WUPT(FM) and WUPZ(FM) creating a three-FM “Radio Market.” See attached map of principal community contours. None of these stations are located or listed in an Arbitron Metro. The number of radio stations in an interim contour-overlap radio market is determined by counting the operating stations having principal community contours which overlap or intersect the principal community contours which define the radio market, plus the subject commonly owned or controlled stations, excluding any stations whose transmitter sites are further than 92 kilometers from the perimeter of mutual overlap, and excluding any commonly owned or attributable stations that do not serve to define the market. As set forth in the attached table, there are at least 15 stations, including the commonly-owned WUPT(FM) and WUPZ(FM), that overlap a portion of the radio market formed by the two FM combination and there are at least 11 stations, including the commonly-owned WUPG(FM), WUPT(FM) and WUPZ(FM), that overlap a portion of the radio market formed by the three FM combination. Consequently, common ownership of these three FM stations as specified in the instant application is permissible under Section 73.3555(a) of the Commission’s Rules.



Two FM station market is defined by overlapping, identical principal community contours of WUPT(FM) and WUPZ(FM) (RED)

Count	Callsign	Facility_id	City	State	Licensee
1	WUPX	49571	MARQUETTE	MI	BOARD OF TRUSTEES OF NORTHERN MICHIGAN UNIVERSITY
2	WHWL	24688	MARQUETTE	MI	GOSPEL OPPORTUNITIES, INC.
3	WKQS- FM	78161	NEGAUNEE	MI	GREAT LAKES RADIO, INC.
4	WFXD	70392	MARQUETTE	MI	GREAT LAKES RADIO, INC.
5	WRUP	41825	MUNISING	MI	GREAT LAKES RADIO, INC.
6	WQXO	41826	MUNISING	MI	GREAT LAKES RADIO, INC.
7	WGLQ	47120	ESCANABA	MI	LAKES RADIO, INC.
8	WNMU- FM	49572	MARQUETTE	MI	NORTHERN MICHIGAN UNIVERSITY
9	WUPK	64025	MARQUETTE	MI	NORTHERN STAR BROADCASTING, L.L.C.
10	WJPD	24449	ISHPEMING	MI	NORTHERN STAR BROADCASTING, L.L.C.
11	WNGE	78159	NEGAUNEE	MI	NORTHERN STAR BROADCASTING, L.L.C.
12	WDMJ	24448	MARQUETTE	MI	NORTHERN STAR BROADCASTING, L.L.C.
13	WIAN	24450	ISHPEMING	MI	NORTHERN STAR BROADCASTING, L.L.C.
14	WKPK	92241	MICHIGAMME	MI	NORTHLAND COMMUNITY BRAODCASTERS
15	WUPT	164244	GWINN	MI	RADIOACTIVE, LLC
16	WUPG	164246	REPUBLIC	MI	RADIOACTIVE, LLC
17	WUPZ	164243	CHOCOLAY TOWNSHIP	MI	RADIOACTIVE, LLC
18	WMQT- FM	64503	ISHPEMING	MI	TACONITE BROADCASTING, INC.
19	WZAM	64504	ISHPEMING	MI	TACONITE BROADCASTING, INC.

Stations With Principal Contour Overlap With Two FM Market Defined  
By Principal Contour Overlap of WUPT(FM) and WUPZ(FM)



Three FM station market defined by overlap of WUPT(FM) and WUPZ(FM) proposed 70 dB $\mu$  contours (RED) and WUPG(FM) 70 dB $\mu$  contour (BLUE)

Count	Callsign	Facility_id	City	State	Licensee
1	WKQS-FM	78161	NEGAUNEE	MI	GREAT LAKES RADIO, INC.
2	WFXD	70392	MARQUETTE	MI	GREAT LAKES RADIO, INC.
3	WNMU-FM	49572	MARQUETTE	MI	NORTHERN MICHIGAN UNIVERSITY
4	WJPD	24449	ISHPEMING	MI	NORTHERN STAR BROADCASTING, L.L.C.
5	WIAN	24450	ISHPEMING	MI	NORTHERN STAR BROADCASTING, L.L.C.
6	WKPK	92241	MICHIGAMME	MI	NORTHLAND COMMUNITY BRAODCASTERS
7	WUPT	164244	GWINN	MI	RADIOACTIVE, LLC
8	WUPG	164246	REPUBLIC	MI	RADIOACTIVE, LLC
9	WUPZ	164243	CHOCOLAY TOWNSHIP	MI	RADIOACTIVE, LLC
10	WMQT-FM	64503	ISHPEMING	MI	TACONITE BROADCASTING, INC.
11	WZAM	64504	ISHPEMING	MI	TACONITE BROADCASTING, INC.

Stations With Principal Contour Overlap With Three FM Market Defined  
By Principal Contour Overlap of WUPG(FM), WUPT(FM) and WUPZ(FM)