

EXHIBIT 16  
(Page1 of 3)

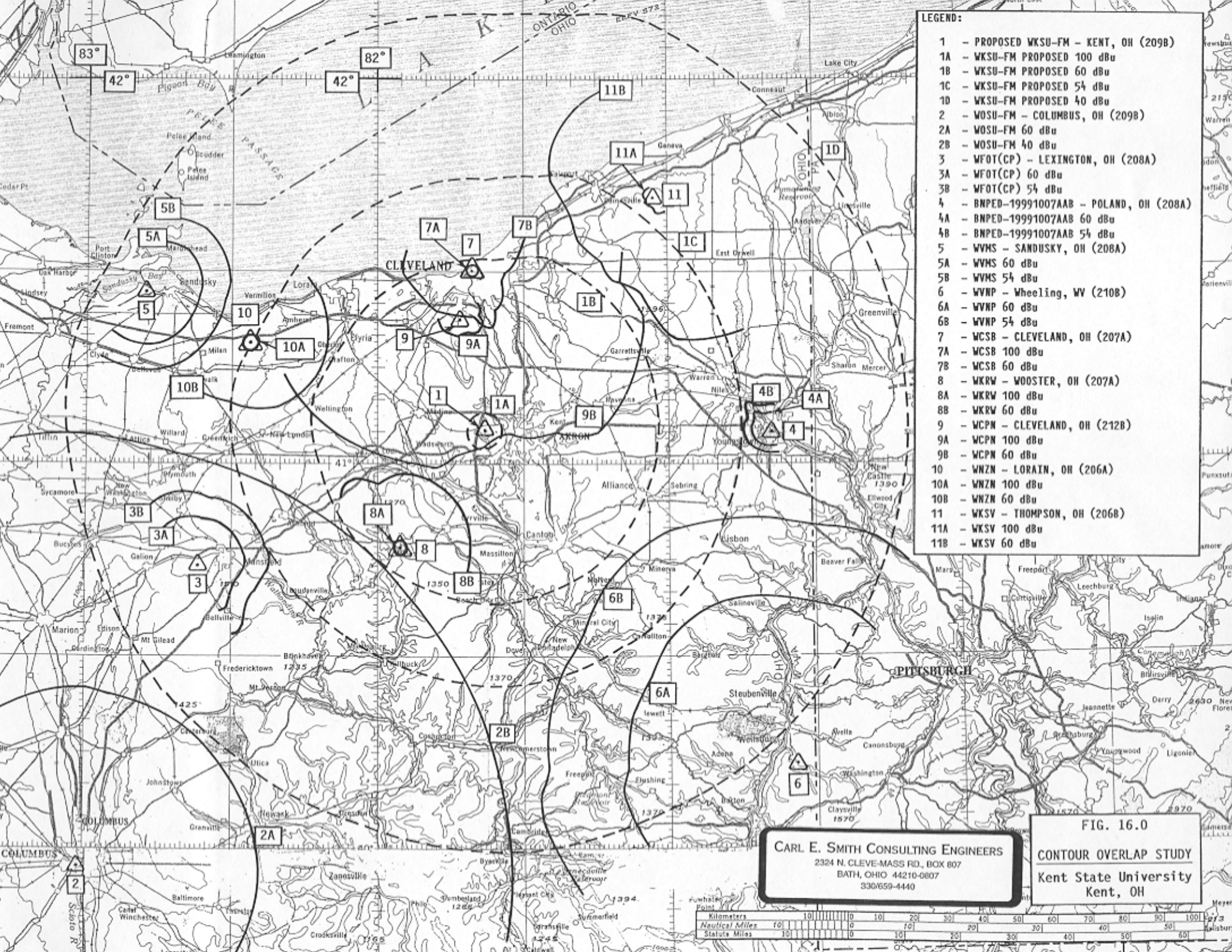
CONTOUR OVERLAP STUDY  
Kent State University  
Kent, OH

Figure 16.0 shows the service and interference contours for the proposed modified WKSU-FM facilities in relation to those of all other domestic stations, both operating and proposed, on Channels 206 through 212 that require protection consideration. All contours were projected using the notified facilities for each station from the FCC's Consolidated Database System ("CDBS") and terrain data extracted from the NGDC 30 second terrain database. As shown in this figure, the proposed WKSU-FM facilities will have prohibited contour overlap with three stations:

WCSB	Cleveland, OH	Channel 207A
WKRW	Wooster, OH	Channel 207A
WCPN	Cleveland, OH	Channel 212B

A complete discussion of the overlap situation with these three stations, as well as a request for the appropriate waivers, is included in Exhibit 15 to the attached application. With these three exceptions, Figure 16.0 shows that the proposed WKSU-FM facilities will not cause or receive any prohibited contour overlap with any other station that requires protection consideration.

Table 16.1 shows the actual and required separations between the proposed modified WKSU-FM facilities and all Canadian Stations operating on Channels 206 through 212 and all stations and allotments operating on Channels 262 and 263. As can be seen from this table, the proposed WKSU-FM facilities have adequate separation from all facilities requiring consideration with the exception of CBE-FM - Windsor, Ontario, which operates on FM Channel 210C1. Exhibit 21 to the attached application includes a complete discussion of the short spacing to CBE-FM.



- LEGEND:**
- 1 - PROPOSED WKSU-FM - KENT, OH (209B)
  - 1A - WKSU-FM PROPOSED 100 dBu
  - 1B - WKSU-FM PROPOSED 60 dBu
  - 1C - WKSU-FM PROPOSED 54 dBu
  - 1D - WKSU-FM PROPOSED 40 dBu
  - 2 - WOSU-FM - COLUMBUS, OH (209B)
  - 2A - WOSU-FM 60 dBu
  - 2B - WOSU-FM 40 dBu
  - 3 - WFOT(CP) - LEXINGTON, OH (208A)
  - 3A - WFOT(CP) 60 dBu
  - 3B - WFOT(CP) 54 dBu
  - 4 - BNPED-19991007AAB - POLAND, OH (208A)
  - 4A - BNPED-19991007AAB 60 dBu
  - 4B - BNPED-19991007AAB 54 dBu
  - 5 - WVHS - SANDUSKY, OH (208A)
  - 5A - WVHS 60 dBu
  - 5B - WVHS 54 dBu
  - 6 - WVP - Wheeling, WV (210B)
  - 6A - WVP 60 dBu
  - 6B - WVP 54 dBu
  - 7 - WCSB - CLEVELAND, OH (207A)
  - 7A - WCSB 100 dBu
  - 7B - WCSB 60 dBu
  - 8 - WKRW - WOOSTER, OH (207A)
  - 8A - WKRW 100 dBu
  - 8B - WKRW 60 dBu
  - 9 - WCPN - CLEVELAND, OH (212B)
  - 9A - WCPN 100 dBu
  - 9B - WCPN 60 dBu
  - 10 - WZN - LORAIN, OH (206A)
  - 10A - WZN 100 dBu
  - 10B - WZN 60 dBu
  - 11 - WKSU - THOMPSON, OH (206B)
  - 11A - WKSU 100 dBu
  - 11B - WKSU 60 dBu

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FIG. 16.0  
CONTOUR OVERLAP STUDY  
Kent State University  
Kent, OH

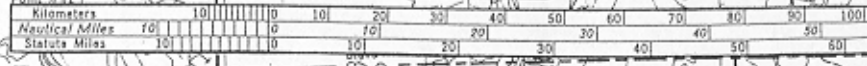


TABLE 16.1

## FM ALLOCATION STUDY - CHANNEL 209B (89.7 MHz) - KENT, OH

KENT STATE UNIVERSITY  
KENT, OH

STUDY COORDINATES: 41/04/58 81/38/02

STATION -----	LOCATION -----	CHANNEL -----	CLASS -----	SPACING (km)	REQUIRED SPACING* (km)	NOTES -----
ALLOTMENT	PARIS, ON	206	B	261.08	74.0	12
NEW	CHATHAM, ON	207	B	155.45	94.0	
ALLOTMENT	GODERICH, ON	208	A	296.29	137.0	12
ALLOTMENT	PENETANGUISHENE, ON	209	A	430.88	210.0	12
CBEFM	WINDSOR, ON	210	C1	161.75	195.0	11
ALLOTMENT	PARIS, ON	210	B	261.08	164.0	12
ALLOTMENT	PARIS, ON	210	B	261.08	164.0	12
NEW	PARIS, ON	210	B	261.08	164.0	9
ALLOTMENT	OWEN SOUND, ON	211	A1	390.27	71.0	12
CBEGFM	SARNIA, ON	212	A	210.99	69.0	
WCLT-FM	NEWARK, OH	262	B	133.42	20.0	
WYJK-FM	BELLAIRE, OH	263	B	137.31	20.0	

\* Required Spacing Per Section 73.207 of The FCC Rules

## Notes:

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| 1 - Applied For Under Section 73.215 | 7 - Pending Application          |
| 2 - Construction Permit              | 8 - Petition For Reconsideration |
| 3 - Channel Deletion Proposed        | 9 - Proposed Rulemaking          |
| 4 - Move From This Channel Ordered   | 10 - Rulemaking Petition         |
| 5 - Move to This Channel Ordered     | 11 - Short-Spaced                |
| 6 - One Step Reference Site          | 12 - Vacant Allotment            |