

Engineering Statement in support of
FCC FORM 340
**APPLICATION FOR CONSTRUCTION PERMIT
FOR RESERVED CHANNEL
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION**
(For a minor change in a licensed FM facility)
KRVM-FM 220 A, Facility ID 59340

Introduction:

This is an application by LANE COUNTY SCHOOL DISTRICT 4J, (the Applicant) for minor changes to a licensed FM broadcast station, KRVM-FM 220A (FIN-59340).

The applicant proposes the following changes:

- Change Class from A to C2.
- Increase power from 1.1 kW to 22.5kW

The proposed changes are minor since there is no change in frequency or location.

This application assumes that KMKR has been relocated to:

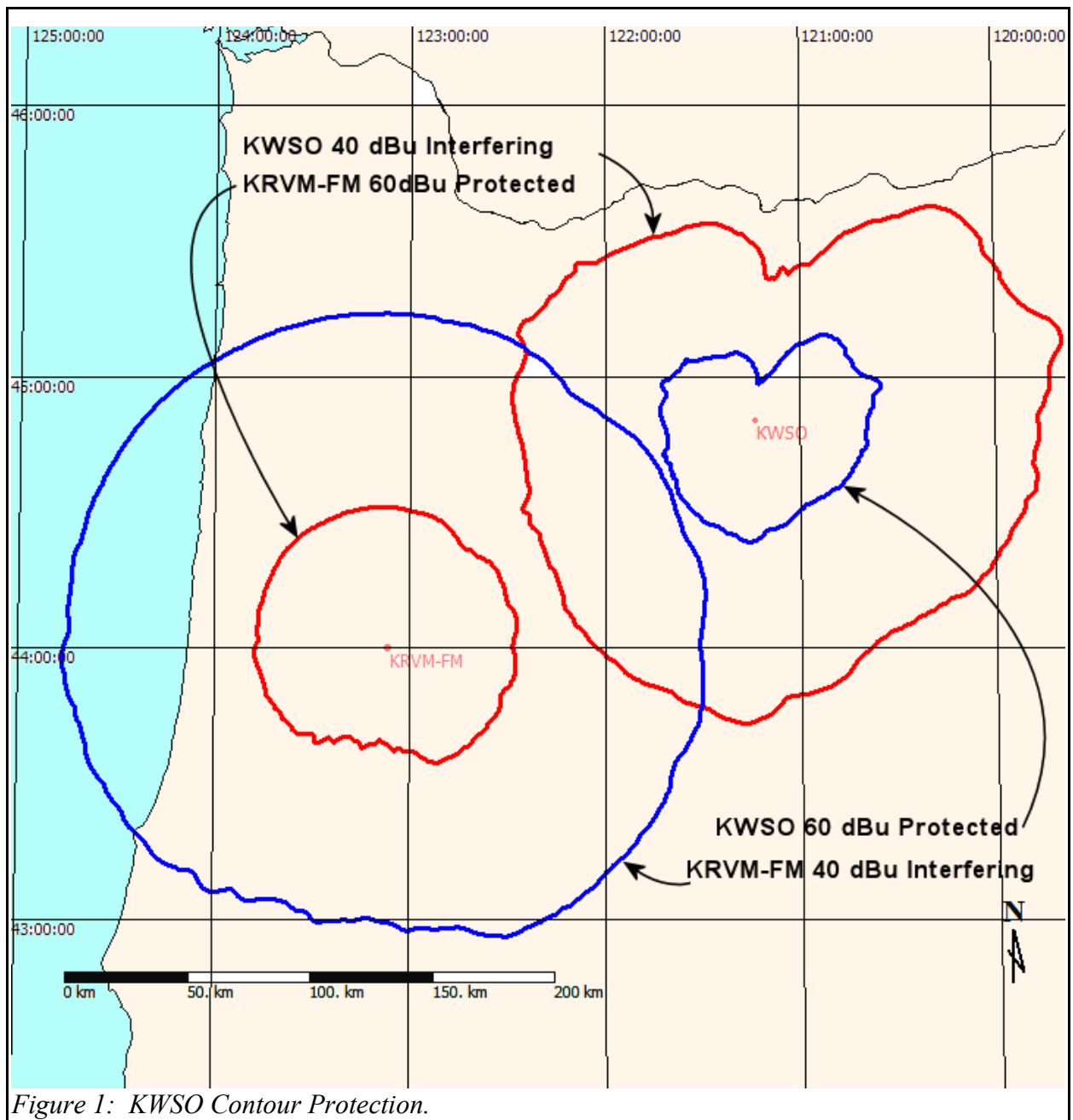
42° 56' 08" N

123° 17' 16" W

Section VII Engineering Data:

Tech Box Data:

1. Channel 220
2. Class C2
3. 44° 00' 08" N 123° 06' 50" W
4. Not Applicable
5. 396 meters AMSL
6. 34 meters AGL
7. 28 meters (H) 28 meters (V) AMSL
8. 226 meters (H) 226 meters (V) AGL
9. 22.5 kW (H) 22.5 kW (V)
10. Not Applicable
11. Not Applicable
12. Yes
13. Yes
 - a) Checked. See Figures 1 & 2 which demonstrate no prohibited overlap with KWSO 220C2 and 980923MG 219A.
 - b) Not Checked, the site is short to KSYD 221A by 11.6 km.
 - c) Not Checked
 - d) Checked. See Figure 3 which demonstrates there is no prohibited overlap with KSYD.
 - e) Not Checked. The facility is not short to any TV-6 broadcast stations.
14. Not Applicable
15. Not Applicable
16. NEPA
 - a) This is an existing facility at a communications facility.
 - b) See Exhibit 22: Evaluation of Human Exposure to Radio Frequency Emissions.



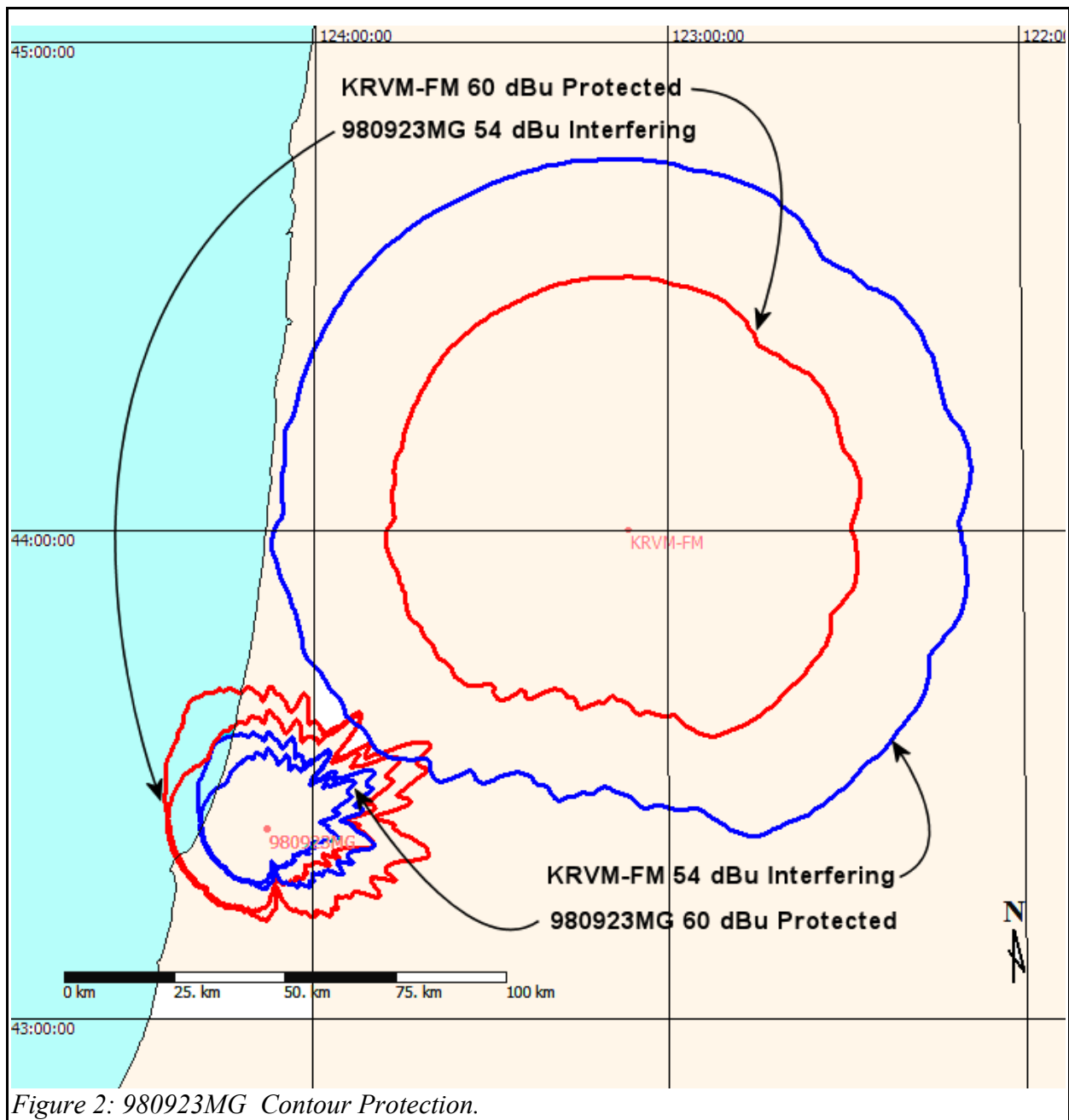
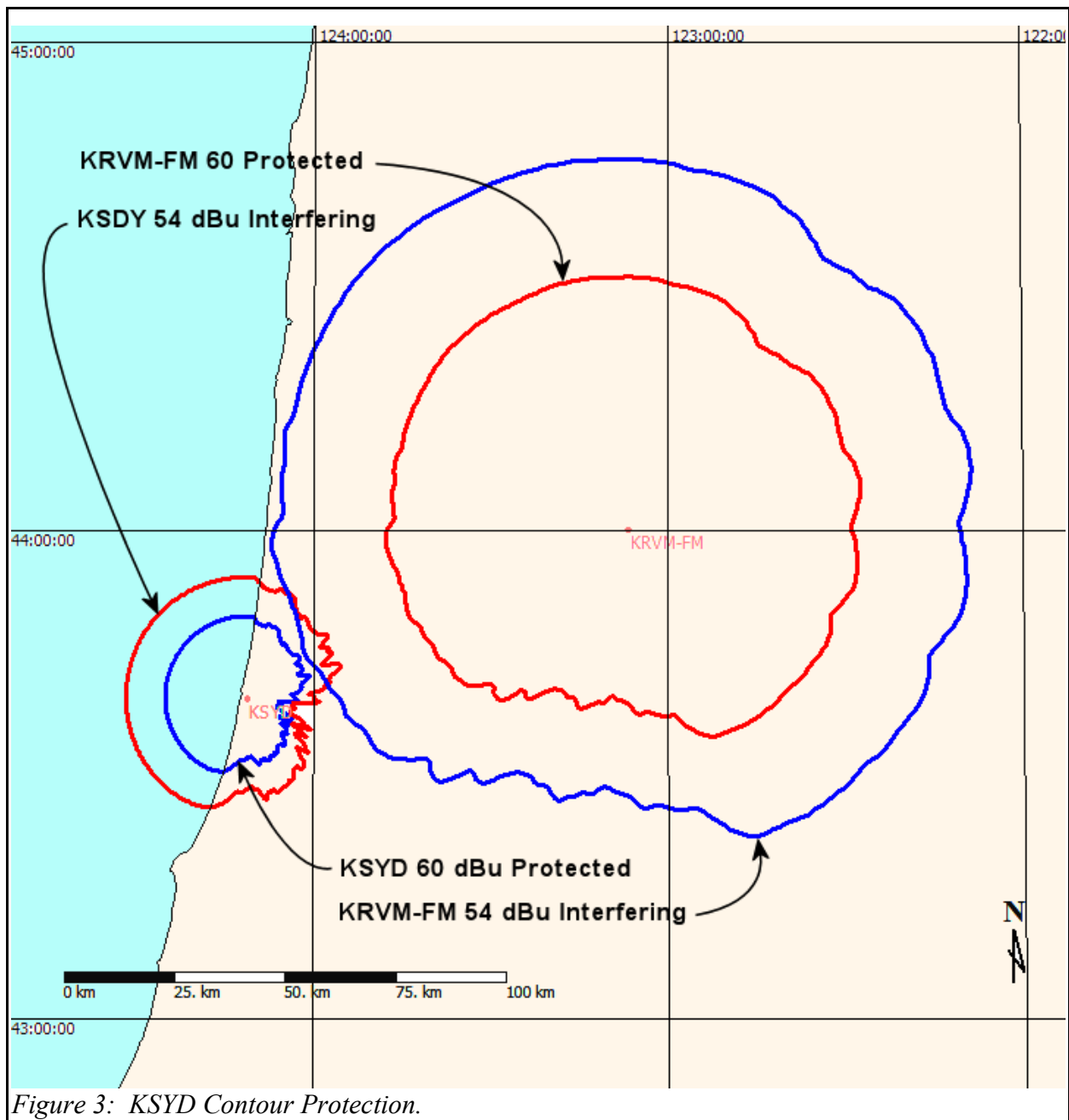


Figure 2: 980923MG Contour Protection.



Engineers Certification:

The engineering portion of this application was prepared by Joseph M. DiPietro, P.E. He performed all computations used in the preparation of this application. All specialized software programs used to calculate contours, power levels and heights, as well as the various database search tools used to gather information on affected radio stations were developed and written by him or were developed and written under his direct supervision and control.

Joseph M. DiPietro, Professional Engineer.
State of Florida Certificate Number 53242
January 19th 2007
RfEngineers, Inc.
1213 NW 16th Avenue
Gainesville, Florida 32601
352-367-1725