

Engineering Statement in support of
FCC FORM 349
APPLICATION FOR AUTHORITY TO
CONSTRUCT OR MAKE CHANGES
IN AN FM TRANSLATOR

(For Minor Modification in a pending application)
K258BY, Facility ID 144058

Introduction:

This is an application by Rocket Radio Corporation (the Applicant) for a minor amendment in K258BY, Facility ID 144058, Application BPFT - 20110407AAV.

The applicant proposes the following changes:

- Relocate the facility to a site 10.5 km distant on a bearing of 84°
- Change the antenna to a Scala FMV (FCC Antenna ID 31326) rotated 120°
- Increase the ERP to 120 Watts

The proposed changes are minor since there is no change in frequency and there is overlap of the authorized and proposed 60dBu coverage contours, see Exhibit 1. The proposed facility will continue to operate as a fill-in for KQMR 262C, Globe, AZ, See Exhibit 10.

The applicant has written permission of the owners of KQMR to rebroadcast their signal.

The proposed facility is within the protected contour of 2nd adjacent authorization, KESZ (260C). The area of interference is in a remote area. There is no population, occupied structures or paved roads in the area of interference, see Exhibit 12b.

This application was prepared using FCC 30-arc-second terrain data.

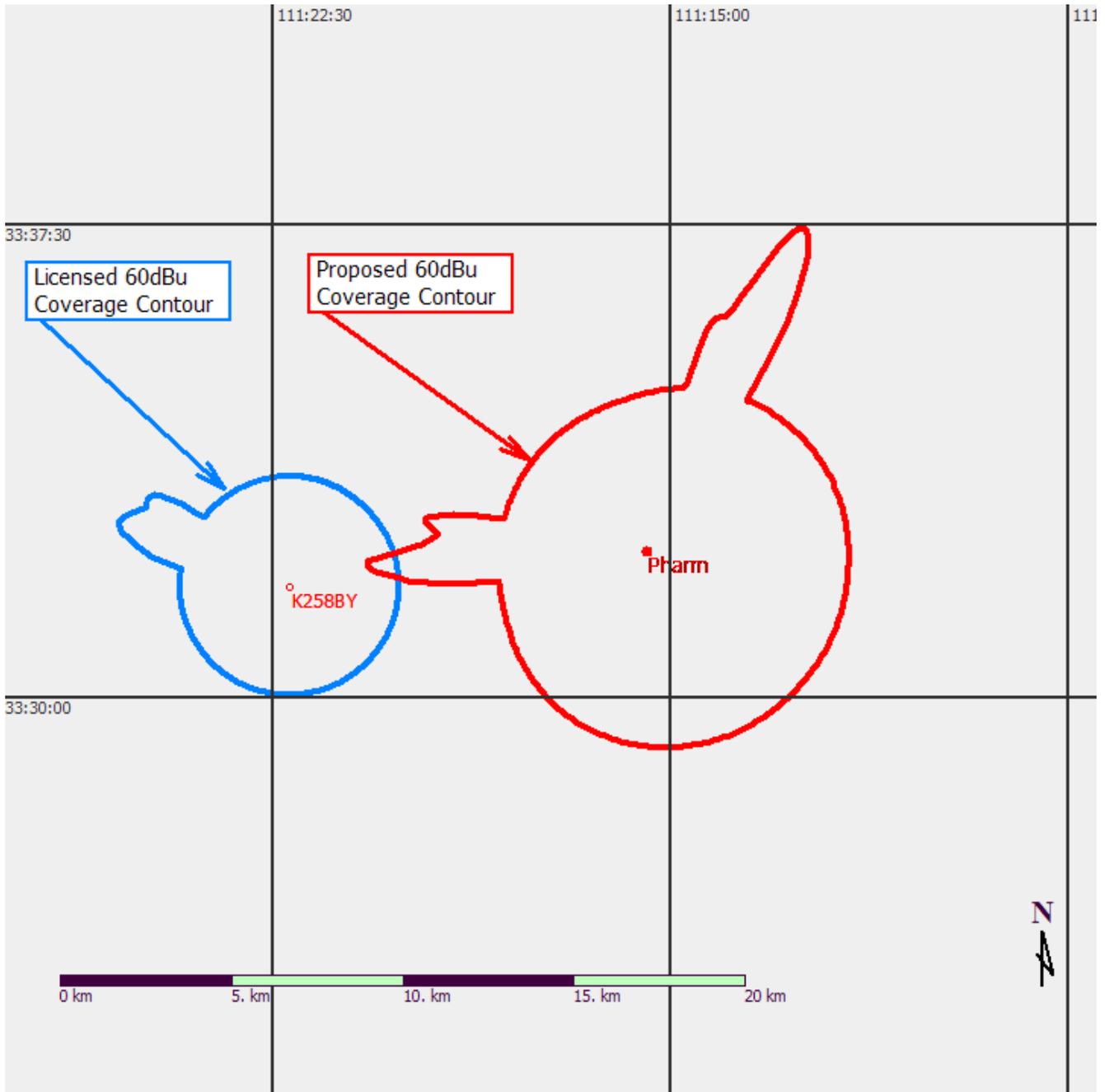
Joseph M. DiPietro, P.E.
RFEngineers, Inc.
June 2011

Section III-A Engineering Data:

Tech Box Data:

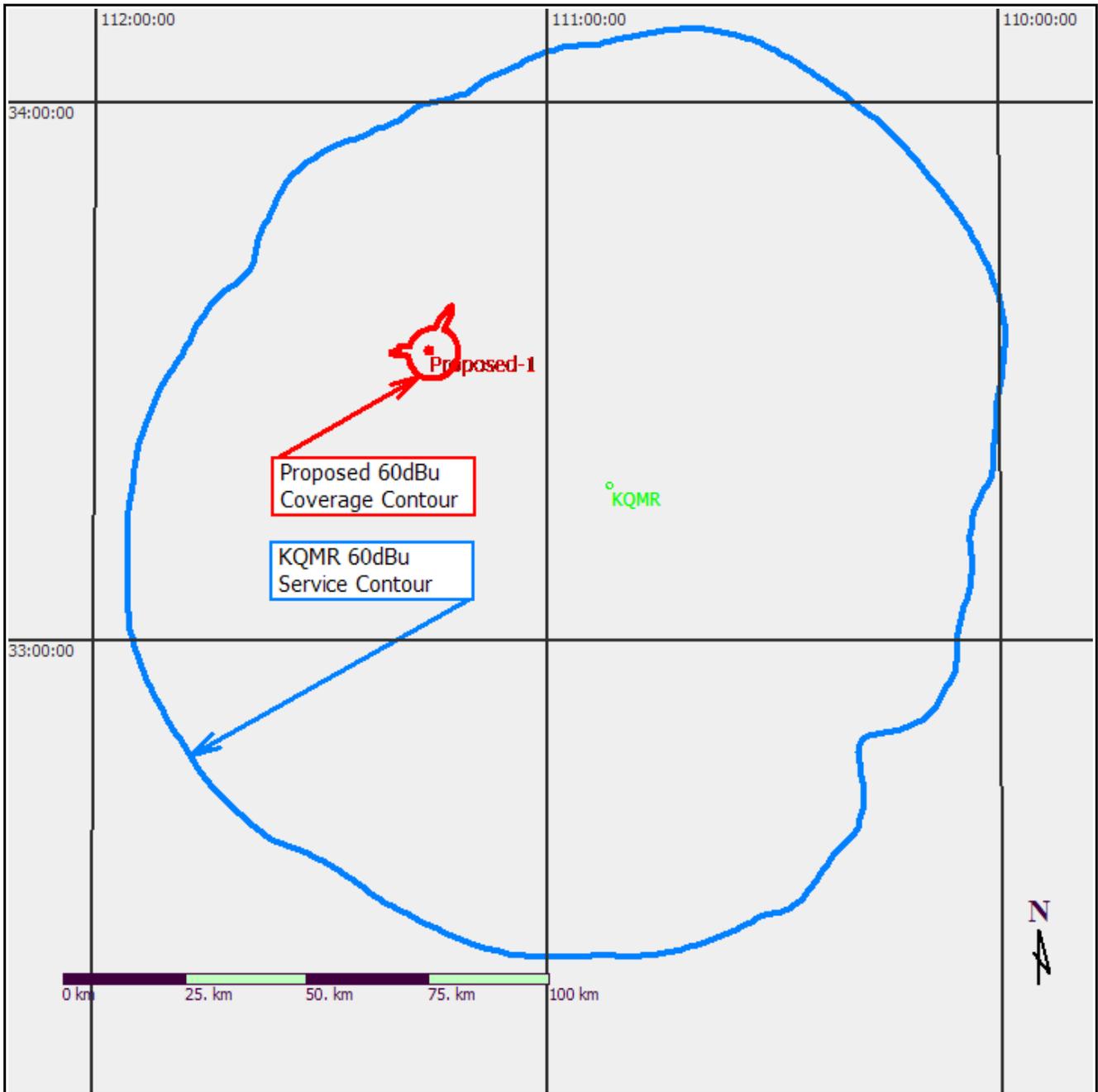
1. Channel: 258
2. Primary Station: Facility ID 22977, Callsign KQMR, Globe, Arizona Channel 262C
3. Delivery Method: Off Air
4. Antenna Location Coordinates: 33° 32' 18" N (NAD-27)
111° 15' 25" W
5. Antenna Structure Registration Number: N/A
6. Antenna Location Site Elevation: 768 meters AMSL
7. Overall Tower Height: 15 meters AGL
8. Height of Radiation Center: meters (H) 14 (V) AGL
9. Effective Radiated Power: kW (H) 0.120 kW (V)
10. Transmitting Antenna: Directional SCA FMV. Rotation 120°
11. Booster or Fill-in within protected contour: Yes, See Exhibit 10
12. Interference: No. Overlap with KESZ, See Exhibits 12a and 12b.
 - a) Contour Overlap Requirements: Checked, See Exhibits 12a and 12b.
 - b) TV Channel 6 Protection: Not Checked.
13. Unattended Operation: Yes
14. Multiple Translators: Yes
15. NEPA, Yes.
 - a) Operation of this facility will not have a significant environmental impact. The proposed tower uses a non-permanent, ballasted foundation that does not penetrate the ground. The proposed site is located in a remote, mountainous region. To the best knowledge of the Applicant:
 1. The structure is not located in an officially designated wilderness area or wildlife preserve, nor does it threaten the existence or habitat of endangered species.
 2. The proposed changes will not affect districts, sites, buildings, structures or objects significant in American history, architecture, engineering or culture that are listed in the National Register of Historic Places, or eligible for listing.
 3. The site is not located in a flood plain. Nothing is proposed that would require significant changes in surface features such as wetland fill, deforestation or water diversion.
 4. The structure does not require markings or lights in accordance with FAA requirements.
 - b) The Applicant will cooperate with all site users, managers and owners with regard to the cessation of operation or the reduction of operating power, whenever it is necessary to comply with the FCC Regulations and Guidelines on Human Exposure to Non-Ionizing RF Radiation.
 - c) The modeled contribution to the RF environment, 2-meters above the ground, by the proposed facility is less than 26.6uW/cm², or 14%, of the maximum permitted value for general public exposure. This result was obtained using the FCC's FM Model program. The antenna was set to a single bay dipole. Based on this information the proposed facility is in compliance with 47 C.R.R. Section 1.1306 with regards to radio-frequency electromagnetic exposure.

Exhibit 1



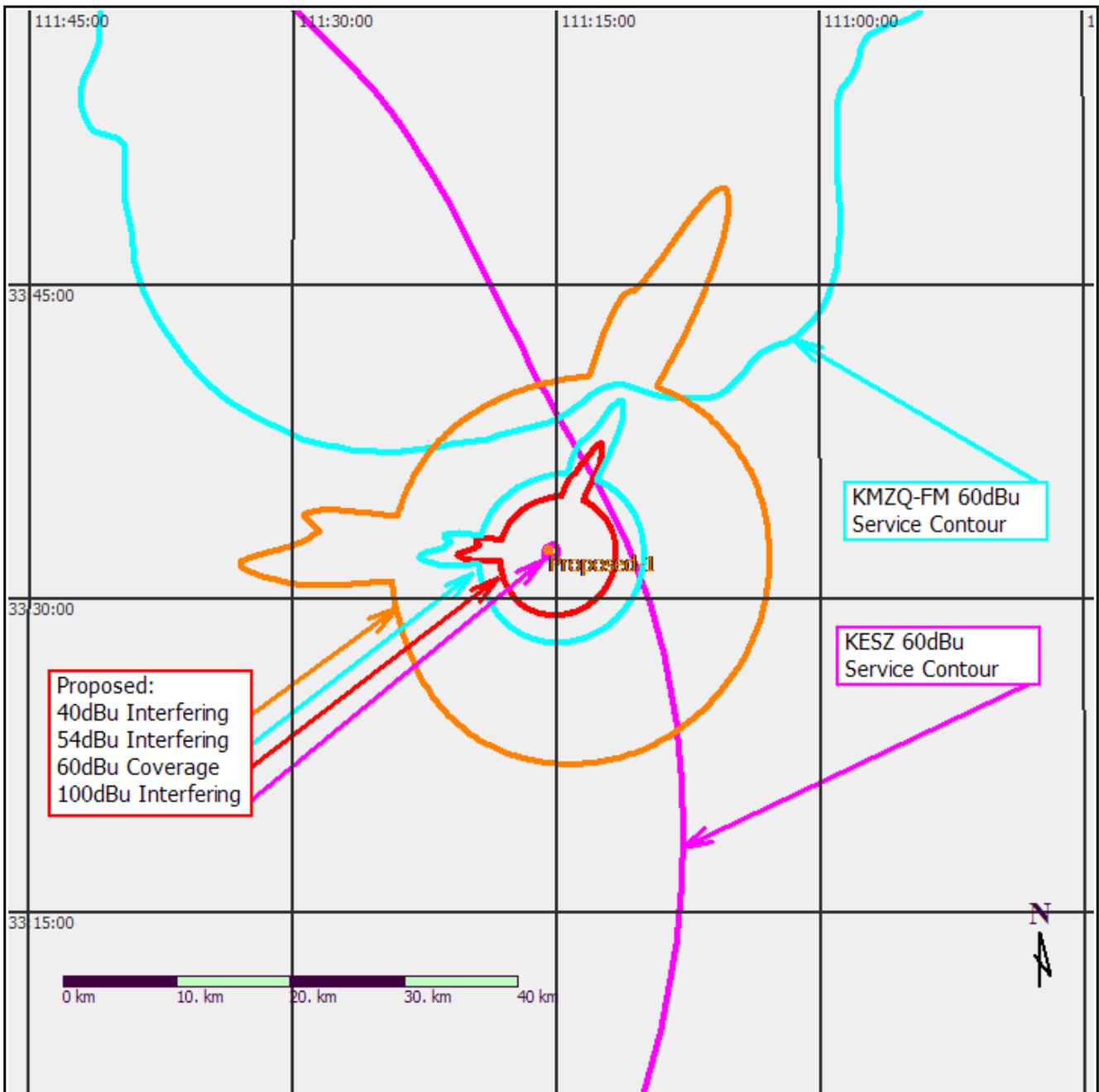
Overlap of authorized and proposed Coverage Contours

Exhibit 10



Proposed Service Contour Entirely Contained within Primary Station's Service Contour.

Exhibit 12a



No Cochannel or First Adjacent Overlap and,

Overlap of the Proposed 100 dBu Interfering Contour with KESZ Protected Contour.

Exhibit 12b

