

Engineering Statement in support of  
FCC FORM 301  
APPLICATION FOR CONSTRUCTION PERMIT  
FOR A COMMERCIAL BROADCAST STATION  
(For a minor modification of a Granted Construction Permit)  
BPH-20071004ABS, Facility ID 11894

**Introduction:**

This is an application by 1TV.COM, INC. , (the Applicant) for a minor modification to a Granted Construction Permit, BPH-20071004ABS.

The applicant proposes the following changes:

- Move the transmitter facility to 33° 17' 20" North, 110° 49' 45" West (NAD-27). A move of 13km from the previously authorized location. The new site is fully spaced under 73.207.
- Adjust the antenna height to reflect the elevation at the new location.

The proposed changes are minor since there is no change in frequency or community and the proposed site remains fully spaced under 73.207.

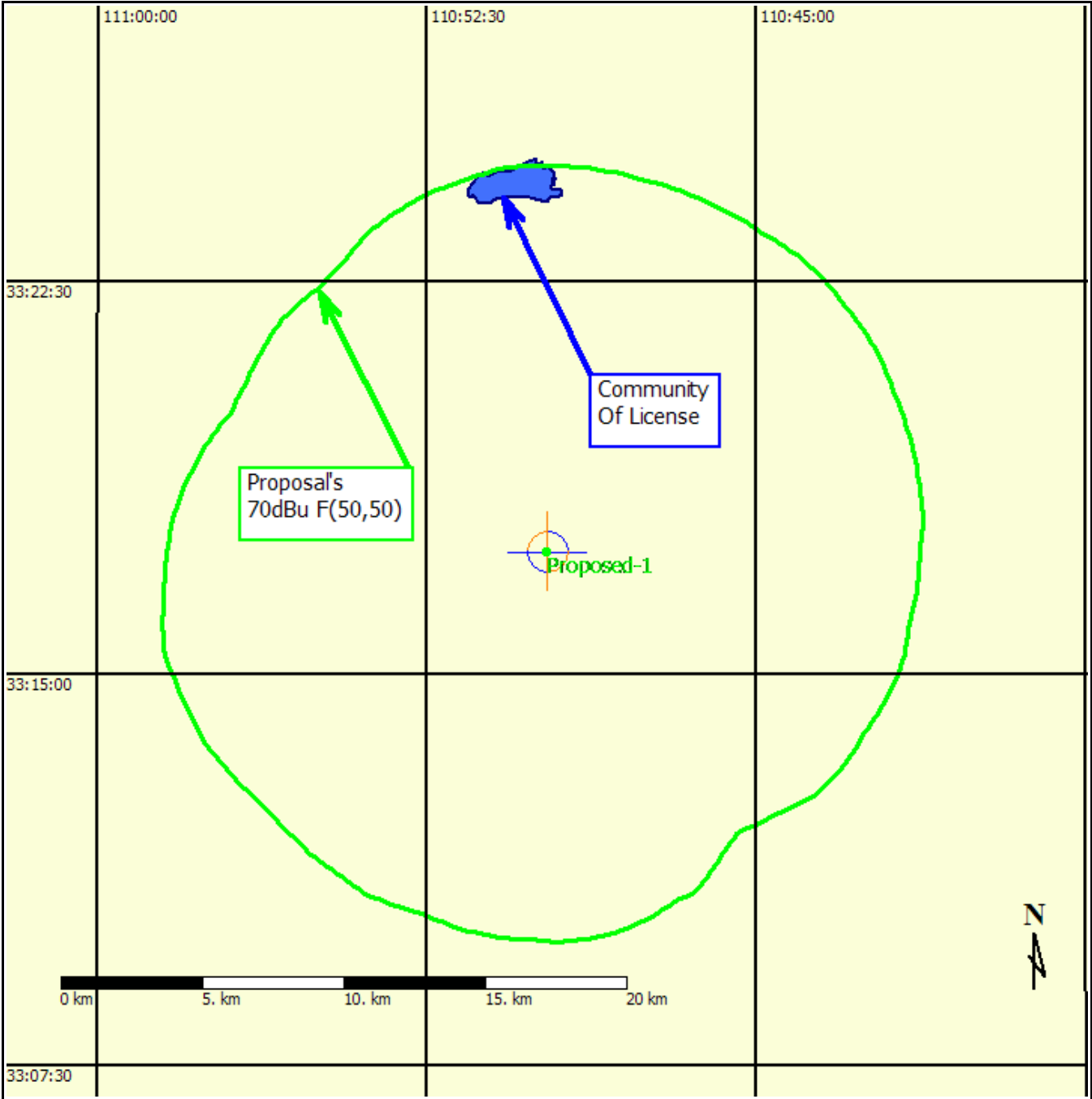
The proposed site is 211 km from the international border with Mexico. The currently authorized facility, BPH-20071004ABS, was accepted by Mexico on 09/25/2009.

### Section III Engineering Data:

#### Tech Box Data:

1. Channel 247
2. Class A
3. Antenna Location: 33° 17' 20" N 110° 49' 45" W
4. Proposed Allotment Location: Not Applicable
5. Antenna Structure Registration Number: Notification Not Required.
6. Overall Tower Height: 45 meters AGL
7. Radiation Center Height AMSL: 2317 meters (H) 2317 meters (V) AMSL
8. Radiation Center Height AGL: 15 meters (H) 15 meters (V) AGL
9. Radiation Center Height HAAT: 970 meters (H) 970 meters (V) AGL
10. ERP: 0.056 kW (H) 0.056 kW (V)
11. Max ERP (Beam Tilt): Not Applicable
12. DA Relative Field: Not Applicable
13. Complies with 73.207: Yes,
14. Complies with 73.315: Yes, see Exhibit 25.
15. Complies with 73.1125: Yes
16. Interference rules: No.
  - a) 73.207: Checked.
  - b) through e) Not Checked
17. NEPA: Yes.
  - a) To the best knowledge of the Applicant:
    1. The existing structure has been a long standing communication site with multiple tower. The site 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 facility does 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 and is not expected to require significant changes in surface features such as wetland fill, deforestation or water diversion.
    4. The structure does not require illumination or registration.
  - 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) Using the FCC's FM Model computer program the maximum contribution to the RF environment by this proposal will be 2.3uW/cm<sup>2</sup>, or 1.15% of the public limit. The parameters used for this determination were: ERP= 56(h) + 56(v), Antenna height = 15, Elements = 2, Spacing = 0.5, Antenna type = Jampro "Double V".

# Exhibit 25



The principal community contour covers 97% of the area and 100% of the population of the Community-Of-License