

## ENGINEERING EXHIBIT

### Application for License to Cover Displacement Construction Permit Digital Television Translator Station

prepared for

**Ramar Communications, Inc.**

K19KT-D Hobbs, NM

Facility ID 55034

*Ramar Communications, Inc.* (“*Ramar*”) is the licensee of digital television translator station K45IL-D, Channel 45, Hobbs NM, Facility ID 55034 (BLDTT-20090914ABY) , which is within the 600 MHz spectrum reassigned to wireless use. As a result of the Special Displacement Window, a Construction Permit (“CP”, file# 0000030467) authorizes K45IL-D to change to Channel 19 under the callsign K19KT-D utilizing a nondirectional antenna at an effective radiated power (“ERP”) of 4.4 kW. K19KT-D has been operating on Channel 19 pursuant to STA file number 0000030468 (as extended), following *Ramar*’s receipt of a 120 day notice from a 600 MHz licensee that the wireless licensee intended to commence operations and the licensed Channel 45 operation was predicted to cause interference to wireless.

The K19KT-D facility has been constructed and operates at 2.3 kW ERP nondirectional, which is reduced from the authorized value of 4.4 kW. *Ramar* herein seeks a license to cover the CP, and requests that the license be issued to specify a reduced ERP of 2.3 kW, a change that can be specified at the licensing stage. A substitute nondirectional antenna is employed. The antenna location and height match the values authorized in the CP. A summary of the technical values which differ from those authorized in the CP is provided below.

	<u>CP File#0000030467</u>	<u>As-Built Values for License</u>
Effective Radiated Power	4.4 kW	2.3 kW
Antenna Make	RFS	RFS
Antenna Model	STA8-LMP	STA6-LMP
Electrical Beamtilt	0.8 degree	2.0 degrees

#### **Chesapeake RF Consultants, LLC**

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