

LICENSE TO COVER
Translator Construction Permit BPFT-20190110AAO
K208FC Arabi La
FACID 153127

TECHNICAL STATEMENTS

TRANSMITTER POWER OUTPUT

TRANSMITTER POWER OUTPUT = 30 WATTS

1m LMR400 Jumper = -0.1 db

3-Cavity Band-Pass Filter = -0.62

44 METERS OF 7/8" COAX = -0.50 dB

1m LMR400 Jumper = -0.1 db

ONE-BAY Circular Antenna = -3.15 dB

EFFECTIVE RADIATED POWER = 10 WATTS.

SPECIAL OPERATING CONDITIONS:

- 1 The Licensee will reduce power or cease operation as necessary to protect persons having access to the site from radio frequency electromagnetic fields in excess of FCC guidelines.**
- 2 This application is being filed prior to commencement of program operations.**
- 3 The antenna is mounted on the parafit of a restricted access rooftop installation. Multiple antennas share the horizontal space around the building, which all are at approximately the same vertical elevation. This causes it to appear as though they are combined into a common antenna, while in reality the multiple FM antennas are horizontally separated by dozens of meters in distance.**

Thus, this installation does not involve a shared antenna, but a unique tuned FM antenna which is at the same horizontal elevation as others which share the site. In the absence of an actual shared antenna, only the customary check for possible intermodulation products is made; the use of the single frequency band pass filter causes all tests of this operation to meet or exceed the spurious emissions requirements in the FCC rules.