DATE: , 2017

To: **Mr. Lark Hadley
Regional Director Region 3
Interstate Office Park
445 12th Street SW, Washington DC 20554**

Re:  Request for Special 70 cm Authorization in Arizona (Amateur Radio)

Greetings,

I am a licensed Amateur Radio Operator, with call sign XXXXX and hold the "XXXX Class" license. I would like to request Special Authorization permission to operate
Earth Moon Earth (EME) in Arizona (with higher power than 50 Watts) on
the 70 cm band from:

My home (fixed) location at grid square:
Lat/Long:

Address:

The existing 50-watt power limit for this frequency band makes it almost impossible to accomplish communications on the EME circuit because the signals are severely
attenuated by the long two-way path from Earth to Moon.

Here are the parameters for my 70 cm Amateur Radio station to be used
for Earth-Moon Earth  (EME) communications:

Frequency range: 431.5 to 433 MHz, with most activity clustered around 432.1 MHz
Transmitter power: up to a maximum of 500 Watts.

Signals will be short-lived and narrowband, approx. 100 Hz to 2 KHz wide.

Modulation modes include CW (Morse Code), single sideband voice, and multi-frequency tone digital modes like the JT65 series.

Antenna gain: 20 dB

Direction: E-S-W based upon the travel of the moon

Operating hours: Year round, any time within 24 hours per day, depending on having the Moon visible at my location.

The phone is XXX\_XXX\_XXXX and will be available whenever the station is in operation. Upon notice of interference (caused by my station), high-power operating in this frequency band will immediately cease.

Very truly yours,