

In-Q-Tel (IQT) Labs is seeking to assemble and operate small private 5G Non Stand Alone (NSA) networks in the interest of government and military customers for the purpose of researching 5G core network vulnerabilities. These 5G networks will be operated indoors and only with power levels necessary for communication of up to 100 feet between the handset (UE) and the base-station (eNb). Furthermore, the locations where these networks will be operated will have additional attenuating factors such as metal screen covered windows, metal film coated windows and/or metal blinds which will limit outdoor signal emission.

These 5G test networks will only be operational on an as-needed basis, i.e. they will not be constantly running 24/7. IQT Labs will also conduct periodic spectrum monitoring to ensure that we are operating in compliance with all regulations. We will be using commercial off the shelf (COTS) equipment and open source software. Lastly, IQT Labs will coordinate with any building owners to maintain awareness of other tests or experiments that might be happening elsewhere on or in the near vicinity of the property.

**Stop Buzzer is Eric Mair at 410-570-1777**