

Eligibility Per Part 5 Subpart E:

MD Alexis

Sensormatic Electronics, LLC

Applicant's FCC Registration Number (FRN): 0005052626

1 September 2020

“Program experimental licensees may be granted to the following entities: a college or university with a graduate research program in engineering that is accredited by the Accreditation Board for Engineering and Technology (ABET); a research laboratory; a hospital or health care institution; a manufacturer of radio frequency equipment; or a manufacturer that integrates radio frequency equipment into its end product. Each applicant must meet the following requirements:”

- *“The radiofrequency experimentation will be conducted in a defined geographic area under the applicant's control;”*
 - a. The experimentation will be restricted to indoor labs at **the JCI/Sensormatic building located at 15370 Barranca Parkway, Irvine, CA 92618 / USA**. Testing will be conducted during business hours (9-5 Pacific Time) only, and each system will be clearly marked and monitored by our engineering staff. This includes daily monitoring of the spectrum using dedicated spectrum analyzers/receivers.
- *“The applicant has institutional processes to monitor and effectively manage a wide variety of research projects; and”*
 - a. Sensormatic Electronics has an extensive engineering, research and program, management staff (120+ employees) at the Irvine and Boca Raton Facilities:
 - Project management
 - Electrical and Mechanical Design
 - Firmware development
 - Hardware/Software QA
 - Field support staff
 - Regulatory/Safety/EMC
- *“The applicant has demonstrated expertise in radio spectrum management or partner with another entity that has such expertise.”*
 - a. Sensormatic Electronics has 30+ years of experience in designing, developing and deploying RF hardware systems for use in retail store environments. The facility at Congress Avenue, Boca Raton, FL houses our main development labs for this hardware and is well equipped with chambers, spectrum analyzers, and antenna systems used to measure RF emissions. The companion site at 15370 Barranca Parkway, Irvine, CA 92618 / USA houses system test labs and RF hardware design personnel.