

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WQ9XDT

(Call Sign)

XT MO

(Class of Station)

0283-EX-ST-2020

(File Number)

NAME RADA Technologies LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Operation at a test site for system integration and operation at SFO airport in a CUAS system.

Station Locations

- (1) MOBILE: San Francisco, CA. SFO airport and adjacent area., within 4.5 km, centered around NL 37-36-54; WL 122-22-17
- (2) MOBILE: Castro Valley, CA, within 2 km, centered around NL 37-41-50; WL 122-01-09

Frequency Information

MOBILE: San Francisco, CA. SFO airport and adjacent area., within 4.5 km, centered around NL 37-36-54; WL 122-22-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.3-3.4 GHz	MO	6M36Q1N	271.41 kW (ERP)	0.00001 %
		7M95P0N		
		15M9Q1N		
		3M97P0N		
		3M18P0N		

This authorization effective March 02, 2020 and
will expire 3:00 A.M. EST September 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Castro Valley, CA, within 2 km, centered around NL 37-41-50; WL 122-01-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.3-3.4 GHz	MO	15M9Q1N 6M36Q1N 7M95P0N 3M97P0N 3M18P0N	271.41 kW (ERP)	0.00001 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) NTIA concurs as a proof-of-concept only. RADA Technologies must be aware that the frequency band 3.3-3.4 GHz is primary allocated for radiolocation operations. Any expansion of this grant to include radionavigation operations (such as a data feed to FAA for separation of aircraft or air traffic control) must be reviewed by FAA. The surveillance data produced by this proof-of-concept demonstration may not be sent to any ATC facility nor used to provide ATC with the location or direction of flight of any aircraft tracked by these systems.
- (4) The surveillance data produced by may not be sent to any ATC facility nor used to provide ATC with the location or direction of flight of any aircraft tracked by these systems.
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (6) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.