

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XLS

(Call Sign)

0715-EX-ST-2020

(File Number)

NAME Raytheon Missiles and Defense

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:

Testing of a planar antenna

Station Locations

(1) Albuquerque (BERNALILLO), NM - NL 35-03-27; WL 106-31-31

Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-03-27; WL 106-31-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20 GHz	FX	NON	158 mW (ERP)	
20.2525 GHz	FX	NON	158 mW (ERP)	
20.45 GHz	FX	NON	158 mW (ERP)	

This authorization effective May 15, 2020 and
will expire 3:00 A.M. EST November 15, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-03-27; WL 106-31-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20.4525 GHz	FX	N0N	158 mW (ERP)	
20.4625 GHz	FX	N0N	158 mW (ERP)	
20.7 GHz	FX	N0N	158 mW (ERP)	
20.95 GHz	FX	N0N	158 mW (ERP)	
21.2 GHz	FX	N0N	158 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Raytheon must schedule operations with the DoD Area Frequency Coordinator, at White Sands Missile Range (WSMR), at least 96 hours prior to activation, via e-mail to: usarmy.wsmr.imcom-central.list.dodafc@mail.mil
- (4) Additionally, to the maximum extent feasible, Raytheon should shield these operations from radiating energy towards Kirtland AFB, through the use of buildings, RF screens, pointing antenna away, or other methods, in order to further minimize the interference risk to DoD operations at Kirtland AFB.