

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WA8XBY

(Call Sign)

1365-EX-ST-2026

(File Number)

NAME The Tomorrow Companies Inc.

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:

Verification of a prototype radar unit.

Station Locations

(1) Golden, CO - NL 39-44-33; WL 105-09-39

Frequency Information

Golden, CO - NL 39-44-33; WL 105-09-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.5-36 GHz	FX	1M20QXN	0.92 MW (ERP)	0.001 %

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) The Tomorrow Companies Inc should be aware that, if any in-band or out-of-band interference occurs, they may be subject to immediate shut down.

This authorization effective July 20, 2026 and
will expire 3:00 A.M. ET January 16, 2027

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Transmissions during the months of August through September are not authorized without successful coordination and concurrence with NASA GSFC SM Office at NASA-DL-GSFC-SPECTRUM-MANAGEMENT@MAIL.NASA.GOV at Least (7) days in advance of operations
- (4) In order to protect Earth Exploration-Satellite Service (EESS) (passive) operations, the unwanted total radiated power (TRP) (integrated over all directions) within the 36-37 GHz frequency band must not exceed -30 dBW at any point in time.
- (5) The Tomorrow Companies Inc. must ensure that proposed operations do not cause harmful interference to the following space-based assets:
 - Passive remote sensors operating in 36-37 GHz on the NASA Aqua or Global Precipitation Measurement (GPM) missions.
 - Active remote sensors operating in 35.5-36 GHz on the NASA Global Precipitation Measurement (GPM) or Surface Water and Ocean Topography (SWOT) mission.
- (6) Experimental station(s) must use the minimum power level necessary to execute testing to minimize potential interference to licensed users.
- (7) Stop Buzzer POC: Francesc Junyent, 970-980-5990.
- (8) 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.