Chi Nche, P.O. Box , 330 Bob Heath Drive, Mail Stop , Huntsville, AL 35806

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL	WR9XAO
(Nature of Service)	(Call Sign)
XT MO	0006-EX-TC-2021
(Class of Station)	(File Number)

NAME GATR Technologies, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Station Locations

(1) MOBILE: Huntsville, AL, within 250 km, centered around NL 34-43-03; WL 86-41-19

Frequency Information

MOBILE: Huntsville, AL, within 250 km, centered around NL 34-43-03; WL 86-41-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4430 MHz	MO		2.5 GW (ERP)	7.5E-6 %
		12M9D1D		
		26M0D1D		
		3M10D1D		
		3M40G1D		
		25M0G1D		
		13M0G1D		
		6M10G1D		
		12M3G1D		
		6M30G1D		
		26M5G1D		
		3M00G1D		
		6M20D1D		

This authorization effective April 13, 2021 and
will expire 3:00 A.M. EST October 12, 2021

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Frequency Information

MOBILE: Huntsville, AL, within 250 km, centered around NL 34-43-03; WL 86-41-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4530 MHz	MO		2.5 GW (ERP)	7.5E-6 %
		12M9D1D		
		26M0D1D		
		3M10D1D		
		3M40G1D		
		25M0G1D		
		13M0G1D		
		6M10G1D		
		12M3G1D		
		6M30G1D		
		26M5G1D		
		3M00G1D		
		6M20D1D		
4800 MHz	MO		2.5 GW (ERP)	7.5E-6 %
		12M9D1D		
		26M0D1D		
		3M10D1D		
		3M40G1D		
		25M0G1D		
		13M0G1D		
		6M10G1D		
		12M3G1D		
		6M30G1D		
		26M5G1D		
		3M00G1D		
		6M20D1D		
4930 MHz	MO		2.5 GW (ERP)	7.5E-6 %
		12M9D1D		
		26M0D1D		
		3M10D1D		
		3M40G1D		
		25M0G1D		
		13M0G1D		
		6M10G1D		

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4930 MHz	MO		2.5 GW (ERP)	7.5E-6 %
		12M3G1D		
		6M30G1D		
		26M5G1D		
		3M00G1D		
		6M20D1D		
7125-7387.5 MHz	MO		4.4 GW (ERP)	7.5E-6 %
		3M10D1D		
		25M5D1D		
		25M7G1D		
		24M7G1D		
		12M7G1D		
		12M5D1D		
		6M10G1D		
		12M3G1D		
		3M10G1D		
		6M40G1D		
		6M20D1D		
7487.5-7750 MHz	MO		4.4 GW (ERP)	7.5E-6 %
		3M10D1D		
		25M5D1D		
		25M7G1D		
		24M7G1D		
		12M7G1D		
		12M5D1D		
		6M10G1D		
		12M3G1D		
		3M10G1D		
		6M40G1D		
		6M20D1D		

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

(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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(4) Stop Buzzer: Chi Nche at 256-382-1334 ext. 6161, mobile: (619) 807-4660, e-mail: Chi.Nche@cubic.com.

(5) The applicant shall coordinate with the local Society of Broadcast Engineer frequency coordinator prior to operation in 7125-7387.5 MHz band (excluding the identified notch outs) to protect the Broadcast Auxiliary Service operations in adjacent channel.

(6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Marine Corp., Contract Number M67854-19-R-2000. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

(7) GATR Technologies, Inc. must notch out the following:
a. 7143.75 MHz (+/- 2.5 MHz)
b. 7155 MHz (+/- 10 MHz)
c. 7165 MHz (+/- 30 MHz)
d. 7195 MHz (+/- 30 MHz)
e. 7225 MHz (+/- 30 MHz)
f. 7245.5 MHz (+/- 2.5 MHz)
g. 7345 MHz (+/- 30 MHz)
h. 7375 MHz (+/- 30 MHz)
i. 7495 MHz (+/- 30 MHz)
j. 7645 MHz (+/- 30 MHz)
k. 7675 MHz (+/- 30 MHz)
l. 7705 MHz (+/- 30 MHz)
m. 7735 MHz (+/- 30 MHz)
n. 7748-7750 MHz