

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WP9XIW

(Call Sign)

1734-EX-ST-2019

(File Number)

NAME Broad Comm 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:

The purpose of the STA request is to provide coverage and logistics support for the IRONMAN World Championship and related activities.

Station Locations

(1) MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.27 MHz	MO	11K2F3E	20 W (ERP)	
152.33 MHz	MO	11K2F3E	20 W (ERP)	
152.3975 MHz	MO	11K2F3E	20 W (ERP)	

This authorization effective October 07, 2019 and
will expire 3:00 A.M. EST October 14, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.4575 MHz	MO	11K2F3E	20 W (ERP)	
157.53 MHz	MO	11K2F3E	20 W (ERP)	
157.59 MHz	MO	11K2F3E	20 W (ERP)	
157.6575 MHz	MO	11K2F3E	20 W (ERP)	
157.7175 MHz	MO	11K2F3E	20 W (ERP)	
451.3 MHz	MO	11K2F3E	10 W (ERP)	
451.4 MHz	MO	11K2F3E	10 W (ERP)	
451.5 MHz	MO	11K2F3E	10 W (ERP)	
452.025 MHz	MO	11K2F3E	10 W (ERP)	
452.05 MHz	MO	11K2F3E	10 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.075 MHz	MO	11K2F3E	10 W (ERP)	
452.1 MHz	MO	11K2F3E	10 W (ERP)	
452.125 MHz	MO	11K2F3E	10 W (ERP)	
452.15 MHz	MO	11K2F3E	10 W (ERP)	
452.175 MHz	MO	11K2F3E	10 W (ERP)	
452.2 MHz	MO	11K2F3E	10 W (ERP)	
452.225 MHz	MO	11K2F3E	10 W (ERP)	
452.25 MHz	MO	11K2F3E	10 W (ERP)	
452.275 MHz	MO	11K2F3E	10 W (ERP)	
452.3 MHz	MO	11K2F3E	10 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.35 MHz	MO	11K2F3E	10 W (ERP)	
452.4 MHz	MO	11K2F3E	10 W (ERP)	
452.45 MHz	MO	11K2F3E	10 W (ERP)	
452.5 MHz	MO	11K2F3E	10 W (ERP)	
452.625 MHz	MO	11K2F3E	10 W (ERP)	
452.65 MHz	MO	11K2F3E	10 W (ERP)	
452.675 MHz	MO	11K2F3E	10 W (ERP)	
452.7 MHz	MO	11K2F3E	10 W (ERP)	
452.725 MHz	MO	11K2F3E	10 W (ERP)	
452.75 MHz	MO	11K2F3E	10 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
452.8 MHz	MO	11K2F3E	10 W (ERP)	
452.85 MHz	MO	11K2F3E	10 W (ERP)	
452.975 MHz	MO	11K2F3E	10 W (ERP)	
453 MHz	MO	11K2F3E	10 W (ERP)	
456.3 MHz	MO	25K0F9W	1 W (ERP)	
456.4 MHz	MO	25K0F9W	1 W (ERP)	
456.5 MHz	MO	25K0F9W	1 W (ERP)	
456.9 MHz	MO	25K0F9W	1 W (ERP)	
457.025 MHz	MO	11K2F3E	4 W (ERP)	
457.05 MHz	MO	11K2F3E	4 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
457.075 MHz	MO	11K2F3E	4 W (ERP)	
457.1 MHz	MO	11K2F3E	4 W (ERP)	
457.125 MHz	MO	11K2F3E	4 W (ERP)	
457.15 MHz	MO	11K2F3E	4 W (ERP)	
457.175 MHz	MO	11K2F3E	4 W (ERP)	
457.2 MHz	MO	11K2F3E	4 W (ERP)	
457.2 MHz	MO	25K0F9W	1 W (ERP)	
457.225 MHz	MO	11K2F3E	4 W (ERP)	
457.25 MHz	MO	11K2F3E	4 W (ERP)	
457.275 MHz	MO	11K2F3E	4 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
457.3 MHz	MO	11K2F3E	4 W (ERP)	
457.35 MHz	MO	11K2F3E	4 W (ERP)	
457.4 MHz	MO	11K2F3E	4 W (ERP)	
457.4 MHz	MO	25K0F9W	1 W (ERP)	
457.45 MHz	MO	11K2F3E	4 W (ERP)	
457.5 MHz	MO	11K2F3E	4 W (ERP)	
457.625 MHz	MO	11K2F3E	4 W (ERP)	
457.65 MHz	MO	11K2F3E	4 W (ERP)	
457.675 MHz	MO	11K2F3E	4 W (ERP)	
457.7 MHz	MO	11K2F3E	4 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
457.7 MHz	MO	25K0F9W	1 W (ERP)	
457.725 MHz	MO	11K2F3E	4 W (ERP)	
457.75 MHz	MO	11K2F3E	4 W (ERP)	
457.8 MHz	MO	11K2F3E	4 W (ERP)	
457.85 MHz	MO	11K2F3E	4 W (ERP)	
457.975 MHz	MO	11K2F3E	4 W (ERP)	
458 MHz	MO	11K2F3E	4 W (ERP)	
462.2 MHz	MO	11K2F3E	10 W (ERP)	
462.225 MHz	MO	11K2F3E	10 W (ERP)	
462.25 MHz	MO	11K2F3E	10 W (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
462.3 MHz	MO	11K2F3E	4 W (ERP)	
462.35 MHz	MO	11K2F3E	10 W (ERP)	
462.4 MHz	MO	11K2F3E	4 W (ERP)	
462.5 MHz	MO	11K2F3E	4 W (ERP)	
466.175 MHz	MO	11K0F3E	4 W (ERP)	
467.2 MHz	MO	11K2F3E	4 W (ERP)	
467.225 MHz	MO	11K2F3E	4 W (ERP)	
467.25 MHz	MO	11K2F3E	4 W (ERP)	
467.35 MHz	MO	11K2F3E	4 W (ERP)	
2210 MHz	MO	8M00D7W	100 mW (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2222 MHz	MO	8M00D7W	100 mW (ERP)	
2234 MHz	MO	8M00D7W	100 mW (ERP)	
2246 MHz	MO	8M00D7W	100 mW (ERP)	
2258 MHz	MO	8M00D7W	100 mW (ERP)	
2270 MHz	MO	8M00D7W	100 mW (ERP)	
2282 MHz	MO	8M00D7W	100 mW (ERP)	
2410 MHz	MO	8M00D7W	100 mW (ERP)	
2420 MHz	MO	8M00D7W	100 mW (ERP)	
2430 MHz	MO	8M00D7W	100 mW (ERP)	
2440 MHz	MO	8M00D7W	100 mW (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2450 MHz	MO	8M00D7W	100 mW (ERP)	
2460 MHz	MO	8M00D7W	100 mW (ERP)	
2470 MHz	MO	8M00D7W	100 mW (ERP)	
3410 MHz	MO	8M00D7W	100 mW (ERP)	
3430 MHz	MO	8M00D7W	100 mW (ERP)	
3450 MHz	MO	8M00D7W	100 mW (ERP)	
3470 MHz	MO	8M00D7W	100 mW (ERP)	
3490 MHz	MO	8M00D7W	100 mW (ERP)	
3510 MHz	MO	8M00D7W	100 mW (ERP)	
6456.25 MHz	MO	8M00D7W	50 mW (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6481.25 MHz	MO	8M00D7W	50 mW (ERP)	
6493.75 MHz	MO	8M00D7W	50 mW (ERP)	
6512.5 MHz	MO	8M00D7W	50 mW (ERP)	
6537.5 MHz	MO	8M00D7W	50 mW (ERP)	
6562.5 MHz	MO	8M00D7W	50 mW (ERP)	
6587.5 MHz	MO	8M00D7W	50 mW (ERP)	
7205 MHz	MO	8M00D7W	100 mW (ERP)	
7225 MHz	MO	8M00D7W	100 mW (ERP)	
7235 MHz	MO	8M00D7W	100 mW (ERP)	
7245 MHz	MO	8M00D7W	100 mW (ERP)	

Frequency Information

MOBILE: Kailua-Kona, HI, within 40 km, centered around NL 19-57-36; WL 156-00-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7255 MHz	MO	8M00D7W	100 mW (ERP)	
7265 MHz	MO	8M00D7W	100 mW (ERP)	
7275 MHz	MO	8M00D7W	100 mW (ERP)	
7285 MHz	MO	8M00D7W	100 mW (ERP)	
7295 MHz	MO	8M00D7W	100 mW (ERP)	
7305 MHz	MO	8M00D7W	100 mW (ERP)	

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) The Band 2200-2290 MHz is allocated for federal space operations and fixed/mobile line of sight service. Non-federal use is approved on a case-by-case basis. Broad Comm should have no expectation of automatic approval in future submissions.
- (4) Prior to commencing any operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
- Paging Service licensees in 152 MHz/158 MHz
- (5) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation on the frequency bands centered from 157.53 MHz to 157.7175 MHz, 451.3 MHz to 453 MHz, 2450 MHz to 2470 MHz, and 6456.25 MHz to 6587.5 MHz protect the Broadcast Auxiliary Service operations.