



(Print Copy For Reference Only)
Auctions: Form 683

Status: **Submitted**
Date Received: **11/5/18**
File Number: **0008401531**

Applicant Information

Legal Classification

Corporation

Applicant Name

Entity Name	Address	Jurisdiction of Formation
Computer 5 Inc. d/b/a LocalTel Communications	341 Grant Road East Wenatchee , WA 98802 United States	Washington

Responsible Party: Corporation

Name	Phone	Email
Dimitri J Mandelis <i>President</i>	(509) 888-9123	Dimitri@localtel.net

Contact Information

Name	Phone	Fax	Email	Address
John J Seabeck	(509) 888-9121	(509) 884-5197	John@localtel.net	341 Grant Road East Wenatchee , WA 98802 United States

Winning Bids ETC Designation

Package/Item Name	ETC	State
-------------------	-----	-------

Financial Statements

Question	Response
Did the applicant submit audited financial statements with its short-form application?	No
Does the applicant request that the financial statements contained in this application be withheld from public inspection pursuant to section 0.459(a)(4) of the Commission's rules?	Yes

Agreements

Agreements with Other Parties

- No**, the applicant **has not** entered into partnerships, joint ventures, consortia, or other agreements, arrangements, or understandings of any kind relating to the potentially eligible areas being auctioned, including any agreements that address or communicate directly or indirectly bids (including specific prices), bidding strategies (including the specific potentially eligible areas on which to bid or not to bid), or the post-auction market structure, to which the applicant, or any party that controls or is controlled by the applicant, is a party.

Agreements

No agreements have been designated.

Ownership

Disclosable Interest Holders of this Applicant

Dimitri J Mandelis

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		2925 No. 1 Canyon Road Wenatchee, WA 98801	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Direct Ownership Interest in Applicant ▪ Officer ▪ Key Management Personnel 	<ul style="list-style-type: none"> ▪ Common Stock : Voting 	57.00%	United States

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Computer 5, Inc. d/b/a LocalTel Communicaitons	LocalTel Communications	0014511364	57.00%

John J Seabeck

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		509 Stoneridge Drive East Weancthee, WA 98802	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Direct Ownership Interest in Applicant ▪ Officer ▪ Key Management Personnel 	<ul style="list-style-type: none"> ▪ Common Stock : Voting 	24.00%	United States

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Computer 5, Inc. d/b/a LocalTel Communications	Localtel Communications	0014511364	24.00%

FCC Regulated Businesses of this Applicant

Name	Principal Business	FRN	Percent of Interest Held by Applicant
Computer 5, Inc. d/b/a LocalTel Communications	Telecom/ ISP	0014511364	100.00%

Certify and Submit**Certify Auction Application**

I certify the following:

1. that the applicant is in compliance with all statutory and regulatory requirements.
2. that the applicant is financially and technically qualified to meet the public interest obligations of section 54.309 of Title 47 of the Code of Federal Regulations for each relevant performance tier and latency combination and in each area for which it seeks support.
3. that the applicant will have available funds for all project costs that exceed the amount of support to be received from the Phase II auction for the first two years of its support term and will comply with all program requirements, including service milestones.
4. that the applicant will meet the public interest obligations for each relevant tier, including the requirement that it will offer service at rates that are equal to or lower than the Commission's reasonable comparability benchmarks for fixed services offered in urban areas.
5. that the applicant acknowledges that it must be designated as an Eligible Telecommunications Carrier pursuant to section 214(e) of Title 47 of the United States Code (47 U.S.C. § 214(e)) in the area(s) in which it will receive support prior to being authorized to receive such support. If the applicant has already been designated as an Eligible Telecommunications Carrier in any area(s) in which it will receive support, the applicant has provided a certification of its status in each such area and relevant documentation supporting that certification in this application. If the applicant has not yet been designated as an Eligible Telecommunications Carrier in an area in which it will receive support, the applicant will submit a certification of its status as an Eligible Telecommunications Carrier in each such area and relevant documentation supporting that certification no later than 180 days after the public notice identifying the winning bidders and prior to being authorized to receive such support.
6. that the description of spectrum access in areas for which the applicant will seek support provided in this application to participate in competitive bidding is correct and the applicant will retain such access for at least ten (10) years after the date on which it is authorized to receive support.
7. that the applicant and any party to this application are not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.
8. that the applicant is aware that if this application is shown to be defective, the application may be dismissed without further consideration and penalties may apply.

I declare, under penalties of perjury, that I am an authorized representative of the above named applicant, that I have read the instructions and the foregoing certifications, and that all matters and things stated in this application, its schedules, and attachments, including exhibits, are true and correct.

Signature

John J Seabeck

Vice President

Initial Project Overview - LocalTel Communications

LocalTel Communications' winning CAF2 bid consists of 63 CBGs covering 787 individual census tracts encompassing 1910 locations across a 5-county area in Washington State. These 5 counties are Chelan, Douglas, Grant, Adams, and Lincoln. LocalTel will meet its Phase II public interest obligations by supplying these 1910 locations with access to 25Mbps/3Mbps fixed wireless internet service.

Expansion of Network Footprint

LocalTel currently offers Fiber/Wireless Internet access and Telephone service to over 25,000 customers in this 5-county area, as well as TV service in 3 of the counties.

LocalTel has approximately 200 wireless access point towers across this region, with towers near CAF2 project areas. We offer a variety of Internet access tiers over our Wireless network, including but not limited to the 25Mbps/3Mbps tier. Our initial project focus will be to pinpoint the 1910 CAF2 locations and find the most efficient way to build out and extend our existing tower footprint to service them.

LocalTel is building a geographic information system (GIS) database of address and GPS information for every county-assessed structure in our bid areas. This data allows visual and topographical identification of the best locations by which to extend our network. To be considered, potential tower sites must have vehicle access, power, and line of sight (LOS) to other towers and bid locations.

LocalTel will be erecting new towers, mono-pole structures, and using tall or elevated existing structures (such as grain silos or water towers) to expand our network footprint. LocalTel will use all means available when extending our network into CAF2 areas.

Our initial round of new tower buildout activity in Year 1 will concentrate on expanding our footprint into CAF2 areas closest to our existing towers. Upon completion of these new towers, we will continue to extend our services in Years 2 through 5 into additional CAF2 areas awarded for Phase II support.

Technology Details

A typical tower site will have the following equipment:

- Licensed Ghz Backhaul Radios
- Battery Backup
- 5 GHz Access Point Radios in PTMP or PTP mode (depending on the geographical area and number of customers)
- Power Over Ethernet (POE) switching equipment
- Locked Cabinet with exhaust Fan
- 2 to 4 ROHN tower sections with guide wires and Eco Blocks
- Concrete footings

All LocalTel towers are engineered by licensed engineers, and built and maintained by experienced tower construction crews. All tower climbing crews are certified and tested annually on tower safety.

Pages 5-21 have been redacted because all of the substantive information contained in pages 5-21 is confidential per WAC 480-07-160.

List of Exhibits

Exhibit A1 – MRTG_SkyFi

Exhibit A2 – MRTG_DCPUD

Exhibit A3 – MRTG_GCPUD

Exhibit A4 – MRTG_CCPUD

Exhibit B1 – CAF2_network_layout_douglas

Exhibit B2 – CAF2_network_layout_grant_adams_lincoln

Exhibit B3 – existing_network_chelan_douglas

Exhibit B4 – existing_network_grant_adams_lincoln

Exhibit C1 – current_internet_network_map

Exhibit C2 – current_telephone_network_map

Exhibit D1 – coverage_map_year1

Exhibit D2 – coverage_map_year2

Exhibit D3 – coverage_map_year3

Exhibit D4 – coverage_map_year4

Exhibit D5 – coverage_map_year5

Exhibit E1 – professional_engineer_qualifications

Exhibit E2 – professional_engineer_network_design_certification

Exhibit P1 – [REDACTED]

Exhibit P2 – [REDACTED]

Exhibit P3 – [REDACTED]

Exhibit P4 – [REDACTED]

Exhibit P5 – [REDACTED]

Exhibit P6 – [REDACTED]

Exhibit P7 – customer_radio1

Exhibit P8 – customer_radio2

Exhibit P9 – customer_radio3

Exhibit P10 – [REDACTED]

Exhibit P11 – [REDACTED]

Exhibit P12 – [REDACTED]

Exhibit P13 – [REDACTED]

Exhibit P14 – [REDACTED]

Exhibit S1 – milestone_analysis

Exhibit S2 – tower_list

Exhibit S3 – access_point_analysis

Pages 24-40 have been redacted because all of the substantive information contained in pages 24-40 is confidential per WAC 480-07-160.

Andrew Metcalfe



Andrew Metcalfe
CEO / CTO
Native Network
 Wenatchee, WA

metcalfe@nativenetwork.com
 (509) 661-2455 (Office)
 (509) 661-2639 (Cell)

Education:

BSEE Southern Illinois University
 Naval Engineering School AVI-C7
 Boeing Manufacturing Engineering

Andrew Metcalfe is currently a founder and CEO of Native Network Inc., Owner of CATTCOMM LLC as well as President and founder at ARMdcs Inc. Mr. Metcalfe has an office located in Wenatchee, Washington. Mr. Metcalfe has a proven track record in designing and building telecommunications networks and companies. Mr. Metcalfe has continued to leverage this background in the telecommunications industry specializing in opportunities requiring deep expertise in the areas of fiber optic network deployment, IP and data transmission as well as fixed and mobile wireless communications.

Background

In 1987, After his honorable discharge from the US Marine Corp, Mr. Metcalfe joined Boeing Defense and Space as an Experimental Radio-Frequency (RF) and Microwave Engineer. It was in this position that Mr. Metcalfe developed a deep and practical understanding of the technology behind wireless networks working primarily on the Airborne Warning and Communications (AWACS) program. Mr. Metcalfe took this experience to Cellular One in 1993 where he was the Director of Technical Operations. In this role Mr. Metcalfe was responsible for designing, engineering, and supervising the construction of Cellular One’s communications infrastructure in Washington State.

In 1999, Mr. Metcalfe pursued a vision he had developed to create a rural area wholesale network in a company he founded – Northwest Telephone, Inc (NTI). Under Mr. Metcalfe’s leadership, NTI constructed an 1800-mile fiber network providing SONET, IP, and Ethernet wholesale services over a DWDM backbone with the highest concentration of rural central offices and collocation hotels in the Pacific Northwest. After running this company for 10 years, Mr. Metcalfe successfully sold the business to the Zayo Group in 2008. At Zayo, Mr. Metcalfe was responsible for post-merger integration for NTI as well another acquisition – Columbia Fiber Solutions. Further, Mr. Metcalfe continued to play an active role in leading the fiber construction initiatives at Zayo as Senior VP and GM of the Northwest Region.

In 2009, Mr. Metcalfe founded CATTCOMM to provide consulting, engineering and field services to telecommunication carriers. Through a contract with Forensic Technology Inc. metcalfe was able to work as a Special Consultant working on vital projects involving large-scale network deployment and analysis projects for clients such as AT&T, Fairpoint Communications, XO Communications and Level 3 nationally and international communications companies such as Cellcom in Malaysia and Continental Communications in Guatemala.

Metcalfe founded Native Network Inc. in 2016 to focus on solving broadband connectivity issues on Native American lands. Combining his years of experience working in rural and underserved markets with engineering and proven business acumen to help solve critical issues that are attributed to the technology “Digital Divide” on Native American Reservation vs the United States in general.

Pages 42-173 have been redacted because all of the substantive information contained in pages 42-173 is confidential per WAC 480-07-160.



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQYX423	
File Number 0007620804	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 02-21-2017	Effective Date 02-21-2017	Expiration Date 02-21-2027	Print Date 02-22-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

BILLY GOAT
City: BILLY GOAT County: OKANOGAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	BILLY GOAT, WA	48-01-11.7 N	119-58-41.7 W	1562.9	
002	McCLURE, WA	48-19-05.6 N	120-06-50.8 W	1392.6	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11345.0	0.00100	34M4D7W	56.700	08-21-2018	001	1	001	7.6	40.7	1.6	V	343.1	002	

Waivers/Conditions:

NONE

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZA867	
File Number 0007847505	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 03-23-2017	Effective Date 09-29-2017	Expiration Date 03-23-2027	Print Date 09-30-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

MCCLURE

City: MCCLURE, County: OKANOGAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	McCLURE, WA	48-19-05.6 N	120-06-50.8 W	1392.6	
002	BILLY GOAT, WA	48-01-11.7 N	119-58-41.7 W	1562.9	
003	Studhorse-Winthrop	48-28-10.7 N	120-09-36.3 W	751.3	
004	Twisp-Downtown	48-21-53.1 N	120-07-18.2 W	490.1	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10855.0	0.00100	34M4D7W	56.700	09-23-2018	001	1	001	9.1	40.7	1.6	V	163.0	002	
11175.0	0.00013	39M9D7D	56.500	03-29-2019	002	1	001	9.1	38.5	2.1	V	348.6	003	
11175.0	0.00013	39M9D7D	59.500	03-29-2019	002	1	001	9.1	38.5	2.1	V	348.6	003	
11175.0	0.00013	39M0D7D	62.500	03-29-2019	002	1	001	9.1	38.5	2.1	V	348.6	003	
11175.0	0.00013	39M9D7D	68.500	03-29-2019	002	1	001	9.1	38.5	2.1	V	348.6	003	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZA867

File Number: 0007847505

Print Date: 09-30-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
										Reflector Ht(m)xWd(m)				
11175.0	0.00013	39M9D7D	56.500	03-29-2019	003	1	001	9.1	38.5	2.1	H	348.6	003	
11175.0	0.00013	39M9D7D	59.500	03-29-2019	003	1	001	9.1	38.5	2.1	H	348.6	003	
11175.0	0.00013	39M9D7D	62.500	03-29-2019	003	1	001	9.1	38.5	2.1	H	348.6	003	
11175.0	0.00013	39M9D7D	68.500	03-29-2019	003	1	001	9.1	38.5	2.1	H	348.6	003	
10775.0	0.00013	39M9D7D	52.300	03-29-2019	004	1	001	9.1	34.3	3.4	V	353.8	004	
10775.0	0.00013	39M9D7D	55.300	03-29-2019	004	1	001	9.1	34.3	3.4	V	353.8	004	
10775.0	0.00013	39M9D7D	58.300	03-29-2019	004	1	001	9.1	34.3	3.4	V	353.8	004	
10775.0	0.00013	39M9D7D	64.300	03-29-2019	004	1	001	9.1	34.3	3.4	V	353.8	004	
10775.0	0.00013	39M9D7D	52.300	03-29-2019	005	1	001	9.1	34.3	3.4	H	353.8	004	
10775.0	0.00013	39M9D7D	55.300	03-29-2019	005	1	001	9.1	34.3	3.4	H	353.8	004	
10775.0	0.00013	39M9D7D	58.300	03-29-2019	005	1	001	9.1	34.3	3.4	H	353.8	004	
10775.0	0.00013	39M9D7D	64.300	03-29-2019	005	1	001	9.1	34.3	3.4	H	353.8	004	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC507	
File Number 0007999838	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 02-15-2018	Expiration Date 04-05-2027	Print Date 02-16-2018
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

201 S Chelan Ave

City: WENATACHEE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	NOC	47-25-16.4 N	120-18-40.7 W	213.0	
002	BADGER	47-27-50.0 N	120-12-30.6 W	1042.0	
003	MONITOR-CCR	47-30-21.4 N	120-24-36.8 W	580.5	
004	JUMPOFF RIDGE	47-19-10.0 N	120-14-21.3 W	1127.8	
005	BLAGG MTN.	47-36-06.3 N	120-30-36.8 W	1425.0	
006	COUGAR RIDGE	47-27-52.8 N	120-17-16.5 W	409.0	
007	OHME GARDENS TV SITE	47-29-45.8 N	120-19-10.5 W	531.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10735.0	0.00013	39M9D7D	56.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	58.4	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC507

File Number: 0007999838

Print Date: 02-16-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		39M9D7D												
		39M9D7D												
		39M9D7D												
		39M9D7D												
10735.0	0.00013	39M9D7D	56.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	58.4	002	
10735.0	0.00013	39M9D7D	56.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	58.4	002	
10735.0	0.00013	39M9D7D	56.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	58.4	002	
		39M9D7D												
		39M9D7D												
		39M9D7D												
		39M9D7D												
11055.0	0.00013	39M9D7D	56.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
11055.0	0.00013	39M9D7D	59.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
11055.0	0.00013	39M9D7D	62.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
11055.0	0.00013	39M9D7D	68.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
		39M9D7D												
11055.0	0.00013	39M9D7D	68.500	01-10-2019	003	1	001	9.1	38.5	2.1	V	321.8	003	
11055.0	0.00013	39M9D7D	56.500	01-10-2019	004	1	001	9.1	38.5	2.1	H	321.8	003	
11055.0	0.00013	39M9D7D	59.500	01-10-2019	004	1	001	9.1	38.5	2.1	H	321.8	003	
11055.0	0.00013	39M9D7D	62.500	01-10-2019	004	1	001	9.1	38.5	2.1	H	321.8	003	
11055.0	0.00013	39M9D7D	68.500	01-10-2019	004	1	001	9.1	38.5	2.1	H	321.8	003	
		39M9D7D												
11055.0	0.00013	39M9D7D	68.500	01-10-2019	004	1	001	9.1	38.5	2.1	H	321.8	003	
10715.0	0.00013	29M9D7D	56.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.00013	29M9D7D	59.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.00013	29M9D7D	62.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.00013	29M9D7D	64.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
		29M9D7D												
10715.0	0.00013	29M9D7D	64.500	01-10-2019	005	1	001	9.1	38.5	2.1	V	154.4	004	
10715.0	0.00013	29M9D7D	56.500	01-10-2019	006	1	001	9.1	38.5	2.1	H	154.4	004	
10715.0	0.00013	29M9D7D	59.500	01-10-2019	006	1	001	9.1	38.5	2.1	H	154.4	004	
10715.0	0.00013	29M9D7D	62.500	01-10-2019	006	1	001	9.1	38.5	2.1	H	154.4	004	
10715.0	0.00013	29M9D7D	64.500	01-10-2019	006	1	001	9.1	38.5	2.1	H	154.4	004	
		29M9D7D												
10715.0	0.00013	29M9D7D	64.500	01-10-2019	006	1	001	9.1	38.5	2.1	H	154.4	004	
11135.0	0.00013	39M9D7D	59.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.00013	39M9D7D	62.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.00013	39M9D7D	65.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	
11135.0	0.00013	39M9D7D	71.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC507

File Number: 0007999838

Print Date: 02-16-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		39M9D7D												
11135.0	0.00013	39M9D7D	71.000	01-10-2019	007	1	001	9.8	41.0	1.7	V	323.4	005	
11015.0	0.00013	39M9D7D	52.300	01-10-2019	008	1	001	10.7	34.3	3.4	V	20.0	006	
11015.0	0.00013	39M9D7D	55.300	01-10-2019	008	1	001	10.7	34.3	3.4	V	20.0	006	
11015.0	0.00013	39M9D7D	58.300	01-10-2019	008	1	001	10.7	34.3	3.4	V	20.0	006	
11015.0	0.00013	39M9D7D	64.300	01-10-2019	008	1	001	10.7	34.3	3.4	V	20.0	006	
		39M9D7D												
11015.0	0.00013	39M9D7D	64.300	01-10-2019	008	1	001	10.7	34.3	3.4	V	20.0	006	
11015.0	0.00013	39M9D7D	52.300	01-10-2019	009	1	001	10.7	34.3	3.4	H	20.0	006	
11015.0	0.00013	39M9D7D	55.300	01-10-2019	009	1	001	10.7	34.3	3.4	H	20.0	006	
11015.0	0.00013	39M9D7D	58.300	01-10-2019	009	1	001	10.7	34.3	3.4	H	20.0	006	
11015.0	0.00013	39M9D7D	64.300	01-10-2019	009	1	001	10.7	34.3	3.4	H	20.0	006	
		39M9D7D												
11015.0	0.00013	39M9D7D	64.300	01-10-2019	009	1	001	10.7	34.3	3.4	H	20.0	006	
19620.0	0.00100	80M0D7D	57.800	01-10-2019	010	1	001	9.1	37.8	1.9	V	355.7	007	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
19560.0	0.00100	40M0D7D	57.800	01-10-2019	010	1	001	9.1	37.8	1.9	V	355.7	007	
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
19460.0	0.00100	80M0D7D	62.500	08-15-2019	011	1	001	10.0	42.5	1.1	H	321.8	003	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
19400.0	0.00100	40M0D7D	62.500	08-15-2019	011	1	001	10.0	42.5	1.1	H	321.8	003	
		40M0D7D												
		40M0D7D												
		40M0D7D												

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC507

File Number: 0007999838

Print Date: 02-16-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		40M0D7D												
		40M0D7D												
		40M0D7D												

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC508	
File Number 0007674575	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 04-05-2017	Expiration Date 04-05-2027	Print Date 04-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

1.53 KM SOUTH EAST OF Badger Mountain Rd
City: EAST WENATACHEE **County:** DOUGLAS **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	BADGER	47-27-50.0 N	120-12-30.6 W	1042.0	
002	NOC	47-25-16.4 N	120-18-40.7 W	213.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11225.0	0.00013	39M9D7D 39M9D7D	65.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	238.5	002	
11225.0	0.00013	39M9D7D	65.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	238.5	002	
11225.0	0.00013	39M9D7D	56.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	238.5	002	
11225.0	0.00013	39M9D7D	59.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	238.5	002	
11225.0	0.00013	39M9D7D	62.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	238.5	002	
11225.0	0.00013	39M9D7D	56.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	238.5	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC508

File Number: 0007674575

Print Date: 04-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
										Reflector Ht(m)xWd(m)				
11225.0	0.00013	39M9D7D	59.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	238.5	002	
11225.0	0.00013	39M9D7D	62.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	238.5	002	
11225.0	0.00013	39M9D7D 39M9D7D	65.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	238.5	002	
11225.0	0.00013	39M9D7D	65.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	238.5	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC509	
File Number 0007765645	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 07-05-2017	Expiration Date 04-05-2027	Print Date 07-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

.61 KM NORTH WEST OF 12664 Agape Hill Rd

City: LEAVENWORTH **County:** CHELAN **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	TUMWATER	47-36-58.9 N	120-40-42.1 W	789.0	
002	BLAGG MTN.	47-36-06.3 N	120-30-36.8 W	1425.0	
003	BEAVER HILL	47-45-07.2 N	120-38-27.2 W	799.8	
004	MONITOR CCR	47-30-21.4 N	120-24-36.8 W	580.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10995.0	0.00013	79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	55.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	97.3	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC509

File Number: 0007765645

Print Date: 07-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
											Reflector			
											Ht(m)xWd(m)			
10995.0	0.00013	79M6D7D	55.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	97.3	002	
10995.0	0.00013	79M6D7D	55.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	97.3	002	
		79M6D7D												
		79M6D7D												
		79M6D7D												
		79M6D7D												
10995.0	0.00013	79M6D7D	55.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	97.3	002	
11075.0	0.00013	79M6D7D	56.500	01-05-2019	003	1	001	9.1	38.5	2.1	V	10.5	003	
11075.0	0.00013	79M6D7D	59.500	01-05-2019	003	1	001	9.1	38.5	2.1	V	10.5	003	
11075.0	0.00013	79M6D7D	62.500	01-05-2019	003	1	001	9.1	38.5	2.1	V	10.5	003	
11075.0	0.00013	79M6D7D	68.500	01-05-2019	003	1	001	9.1	38.5	2.1	V	10.5	003	
		79M6D7D												
11075.0	0.00013	79M6D7D	68.500	01-05-2019	003	1	001	9.1	38.5	2.1	V	10.5	003	
11075.0	0.00013	79M6D7D	56.500	01-05-2019	004	1	001	9.1	38.5	2.1	H	10.5	003	
11075.0	0.00013	79M6D7D	59.500	01-05-2019	004	1	001	9.1	38.5	2.1	H	10.5	003	
11075.0	0.00013	79M6D7D	62.500	01-05-2019	004	1	001	9.1	38.5	2.1	H	10.5	003	
11075.0	0.00013	79M6D7D	68.500	01-05-2019	004	1	001	9.1	38.5	2.1	H	10.5	003	
		79M6D7D												
11075.0	0.00013	79M6D7D	68.500	01-05-2019	004	1	001	9.1	38.5	2.1	H	10.5	003	
10835.0	0.00013	79M6D7D	59.000	01-05-2019	005	1	001	9.1	41.0	1.7	V	121.3	004	
10835.0	0.00013	79M6D7D	62.000	01-05-2019	005	1	001	9.1	41.0	1.7	V	121.3	004	
10835.0	0.00013	79M6D7D	65.000	01-05-2019	005	1	001	9.1	41.0	1.7	V	121.3	004	
10835.0	0.00013	79M6D7D	71.000	01-05-2019	005	1	001	9.1	41.0	1.7	V	121.3	004	
		79M6D7D												
10835.0	0.00013	79M6D7D	71.000	01-05-2019	005	1	001	9.1	41.0	1.7	V	121.3	004	
10835.0	0.00013	79M6D7D	59.000	01-05-2019	006	1	001	9.1	41.0	1.7	H	121.3	004	
10835.0	0.00013	79M6D7D	62.000	01-05-2019	006	1	001	9.1	41.0	1.7	H	121.3	004	
10835.0	0.00013	79M6D7D	65.000	01-05-2019	006	1	001	9.1	41.0	1.7	H	121.3	004	
10835.0	0.00013	79M6D7D	71.000	01-05-2019	006	1	001	9.1	41.0	1.7	H	121.3	004	
		79M6D7D												
10835.0	0.00013	79M6D7D	71.000	01-05-2019	006	1	001	9.1	41.0	1.7	H	121.3	004	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC510	
File Number 0007764944	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 07-05-2017	Expiration Date 04-05-2027	Print Date 07-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

AT THE END OF Unnamed Road
City: CASHMERE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	BLAGG MTN.	47-36-06.3 N	120-30-36.8 W	1425.0	
002	TUMWATER	47-36-58.9 N	120-40-42.1 W	789.0	
003	NOC	47-25-16.4 N	120-18-40.7 W	323.4	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11485.0	0.00013	79M6D7D	54.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	277.4	002	
		79M6D7D												
		79M6D7D												
		79M6D7D												
		79M6D7D												
11485.0	0.00013	79M6D7D	54.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	277.4	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC510

File Number: 0007764944

Print Date: 07-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11485.0	0.00013	79M6D7D 79M6D7D 79M6D7D 79M6D7D 79M6D7D	54.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	277.4	002	
11485.0	0.00013	79M6D7D	54.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	277.4	002	
11625.0	0.00013	39M9D7D	59.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.00013	39M9D7D	62.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.00013	39M9D7D	65.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.00013	39M9D7D 39M9D7D	71.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	
11625.0	0.00013	39M9D7D	71.000	01-05-2019	003	1	001	19.8	41.0	1.7	V	143.3	003	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC511	
File Number 0007674588	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 04-05-2017	Expiration Date 04-05-2027	Print Date 04-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

.77 WEST OF S Rd NW

City: ORONDO County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	WB	47-41-20.7 N	120-09-55.1 W	945.0	
002	OHME	47-29-45.8 N	120-19-10.5 W	533.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11245.0	0.00013	79M6D7D	56.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	208.4	002	
11245.0	0.00013	79M6D7D	57.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	208.4	002	
		79M6D7D												
		79M6D7D												
		79M6D7D												
11245.0	0.00013	79M6D7D	57.500	10-05-2018	001	1	001	30.0	38.5	2.1	V	208.4	002	
11245.0	0.00013	79M6D7D	56.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	208.4	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC511

File Number: 0007674588

Print Date: 04-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11245.0	0.00013	79M6D7D 79M6D7D 79M6D7D 79M6D7D	57.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	208.4	002	
11245.0	0.00013	79M6D7D	57.500	10-05-2018	002	1	001	30.0	38.5	2.1	H	208.4	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT RD
EAST WENATCHEE, WA 98802

Call Sign WQZC512	
File Number 0007674591	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 04-05-2017	Expiration Date 04-05-2027	Print Date 04-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

UNNAMED RD
City: ORONDO County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	WATERVILLE LOOKOUT	47-41-20.7 N	120-09-55.1 W	591.3	
002	UPPER BUTTE	47-48-25.2 N	120-06-03.2 W	781.2	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10835.0	0.00013	79M6D7D	65.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	
10835.0	0.00013	79M6D7D 79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	
10835.0	0.00013	79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	
10835.0	0.00013	79M6D7D	59.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	
10835.0	0.00013	79M6D7D	62.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	20.2	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC512

File Number: 0007674591

Print Date: 04-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10835.0	0.00013	79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	20.2	002	
10835.0	0.00013	79M6D7D	59.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	20.2	002	
10835.0	0.00013	79M6D7D	62.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	20.2	002	
10835.0	0.00013	79M6D7D	65.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	20.2	002	
10835.0	0.00013	79M6D7D 79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	20.2	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZC513	
File Number 0007674592	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-05-2017	Effective Date 04-05-2017	Expiration Date 04-05-2027	Print Date 04-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

1.24KM 238DEGREES OF INTERSECTION OF DOWNIE CANYON DR & PEAR ORCHARD RD

City: CHELAN County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	Upper Butte	47-48-25.2 N	120-06-03.2 W	781.2	
002	WATERVILLE LOOKOUT	47-41-20.7 N	120-09-55.1 W	591.3	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11325.0	0.00013	79M6D7D	59.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	
11325.0	0.00013	79M6D7D	62.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	
11325.0	0.00013	79M6D7D	65.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	
11325.0	0.00013	79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	
11325.0	0.00013	79M6D7D	71.000	10-05-2018	001	1	001	30.0	41.0	1.7	V	200.2	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZC513

File Number: 0007674592

Print Date: 04-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11325.0	0.00013	79M6D7D	59.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	200.2	002	
11325.0	0.00013	79M6D7D	62.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	200.2	002	
11325.0	0.00013	79M6D7D	65.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	200.2	002	
11325.0	0.00013	79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	200.2	002	
11325.0	0.00013	79M6D7D	71.000	10-05-2018	002	1	001	30.0	41.0	1.7	H	200.2	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZE624	
File Number 0007695459	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-24-2017	Effective Date 04-24-2017	Expiration Date 04-24-2027	Print Date 04-25-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

WATERVILLE H20 TOWER

City: WATERVILLE H20 TOWER County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	WATERVILLE H20 TOWER	47-38-08.3 N	120-04-08.0 W	826.0	
002	UPPER CHELAN BUTTE	47-48-25.0 N	120-02-03.2 W	1166.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10915.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	10-24-2018	001	1	001	9.1	41.0	1.7		V	7.8	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZE624

File Number: 0007695459

Print Date: 04-25-2017

Waivers/Conditions:

NONE

Official
Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZE627	
File Number 0007695470	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-24-2017	Effective Date 04-24-2017	Expiration Date 04-24-2027	Print Date 04-25-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

TV BADGER

City: TV BADGER County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	TV BADGER, WA	47-27-50.0 N	120-12-30.5 W	1042.1	
002	SKI BADGER, WA	47-34-39.9 N	120-11-47.8 W	1285.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10915.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	56.500	10-24-2018	001	1	001	12.2	38.5	2.1	H	4.0	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZE627

File Number: 0007695470

Print Date: 04-25-2017

Waivers/Conditions:

NONE

Official
Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC

ATTN: JOHN SEABECK
COMPUTER 5, INC
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZE628	
File Number 0007695473	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-24-2017	Effective Date 04-24-2017	Expiration Date 04-24-2027	Print Date 04-25-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

HOWES LANDING

City: HOWES LANDING County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	HOWES LANDING , WA	47-39-46.1 N	120-11-52.4 W	445.9	
002	OHME GARDENS TC SITE	47-29-45.8 N	120-19-10.5 W	531.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11485.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	10-24-2018	001	1	001	9.1	41.0	1.7	V	206.3	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC

Call Sign: WQZE628

File Number: 0007695473

Print Date: 04-25-2017

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZE932	
File Number 0007756976	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-26-2017	Effective Date 05-23-2017	Expiration Date 04-26-2027	Print Date 05-24-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

OHME GARDENS TIV SITE

City: OHME GARDENS TV SITE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	OHME GARDENS TV SITE	47-29-45.8 N	120-19-10.5 W	531.0	
002	HOWES LANDING, WA	47-39-46.1 N	120-11-52.4 W	449.3	
003	NOC	47-25-16.4 N	120-18-40.7 W	213.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10995.0	0.00100	80M0D7D 80M0D7D 80M0D7D 80M0D7D 80M0D7D	60.400	10-26-2018	001	1	001	9.1	40.4	1.6	V	26.2	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZE932

File Number: 0007756976

Print Date: 05-24-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
18060.0	0.00100	80M0D7D	57.800	11-23-2018	002	1	001	9.1	37.8	1.9	V	175.7	003	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
18000.0	0.00100	40M0D7D	57.800	11-23-2018	002	1	001	9.1	37.8	1.9	V	175.7	003	
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZE935	
File Number 0007674589	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 04-26-2017	Effective Date 04-26-2017	Expiration Date 04-26-2027	Print Date 04-27-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

ALONGSIDE Unnamed Road
City: SUNNYSLOPE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	OHME	47-29-45.8 N	120-19-10.5 W	533.0	
002	WB	47-41-20.7 N	120-09-55.1 W	945.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam Reflector (deg) Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10755.0	0.00013	79M6D7D	56.500	10-26-2018	001	1	001	30.0	38.5	2.1	V	28.3	002	
10755.0	0.00013	79M6D7D	57.500	10-26-2018	001	1	001	30.0	38.5	2.1	V	28.3	002	
		79M6D7D												
		79M6D7D												
		79M6D7D												
10755.0	0.00013	79M6D7D	57.500	10-26-2018	001	1	001	30.0	38.5	2.1	V	28.3	002	
10755.0	0.00013	79M6D7D	57.500	10-26-2018	002	1	001	30.0	38.5	2.1	H	28.3	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZE935

File Number: 0007674589

Print Date: 04-27-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
Reflector Ht(m)xWd(m)														
10755.0	0.00013	79M6D7D	56.500	10-26-2018	002	1	001	30.0	38.5	2.1	H	28.3	002	
10755.0	0.00013	79M6D7D	57.500	10-26-2018	002	1	001	30.0	38.5	2.1	H	28.3	002	
		79M6D7D												
		79M6D7D												
		79M6D7D												

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZF971	
File Number 0007781244	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 05-05-2017	Effective Date 07-20-2017	Expiration Date 05-05-2027	Print Date 07-21-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

UPPER CHELAN BUTTE

City: UPPER CHELAN BUTTE **County:** CHELAN **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	UPPER CHELAN BUTTE	47-48-25.2 N	120-02-03.2 W	1166.5	
002	WATERVILLE H20 TOWER	47-38-08.9 N	120-04-08.0 W	826.0	
003	MCNEIL-NORTH	47-49-58.5 N	119-54-08.1 W	645.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.00200	79M3D7D	59.000	11-05-2018	001	1	001	9.1	41.0	1.7		V	187.8	002	
		79M3D7D													
		79M3D7D													
		79M3D7D													
		79M3D7D													

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZF971

File Number: 0007781244

Print Date: 07-21-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
											Reflector Ht(m)xWd(m)			
10835.0	0.00013	79M6D7D	56.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
10835.0	0.00013	79M6D7D	57.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
		79M6D7D												
		79M6D7D												
		79M6D7D												
10835.0	0.00013	79M6D7D	57.500	01-20-2019	002	1	001	9.1	38.5	2.1	V	73.7	003	
10835.0	0.00013	79M6D7D	56.500	01-20-2019	003	1	001	9.1	38.5	2.1	H	73.7	003	
10835.0	0.00013	79M6D7D	57.500	01-20-2019	003	1	001	9.1	38.5	2.1	H	73.7	003	
		79M6D7D												
		79M6D7D												
		79M6D7D												
10835.0	0.00013	79M6D7D	57.500	01-20-2019	003	1	001	9.1	38.5	2.1	H	73.7	003	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: Computer 5, Inc.

ATTN: MR JOHN J SEABECK
 COMPUTER 5, INC.
 343 GRANT RD.
 EAST WENATCHEE, WA 98802

Call Sign WQZG826	
File Number 0007713227	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 05-12-2017	Effective Date 05-12-2017	Expiration Date 05-12-2027	Print Date 05-13-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

13733 US-2
 City: ORONDO County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	ORONDO ROCK	47-35-21.0 N	120-13-59.1 W	242.9	
002	HOWES LANDING	47-39-46.1 N	120-11-52.4 W	449.2	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11225.0	0.00013	39M9D7D	56.500	11-12-2018	001	1	001	9.1	38.5	2.1	H	17.8	002	
11225.0	0.00013	39M9D7D	59.500	11-12-2018	001	1	001	9.1	38.5	2.1	H	17.8	002	
11225.0	0.00013	39M9D7D	62.500	11-12-2018	001	1	001	9.1	38.5	2.1	H	17.8	002	
11225.0	0.00013	39M9D7D	68.500	11-12-2018	001	1	001	9.1	38.5	2.1	H	17.8	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZG826

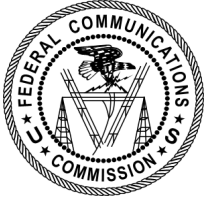
File Number: 0007713227

Print Date: 05-13-2017

Waivers/Conditions:

NONE

Official
Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZH526	
File Number 0007695236	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 05-18-2017	Effective Date 05-18-2017	Expiration Date 05-18-2027	Print Date 05-19-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

STINES HILL
City: STINES HILL County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	STINES HILL, WA	47-31-31.1 N	120-31-35.8 W	609.9	
002	COUGAR RIDGE, WA	47-27-52.8 N	120-17-16.5 W	409.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11245.0	0.00020	79M3D7D	59.000	11-18-2018	001	1	001	12.2	41.0	1.4	H	110.5	002	
		79M3D7D												
		79M3D7D												
		79M3D7D												
		79M3D7D												

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZH526

File Number: 0007695236

Print Date: 05-19-2017

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: Computer 5, Inc.

ATTN: MR JOHN J SEABECK
COMPUTER 5, INC.
343 GRANT RD.
EAST WENATCHEE, WA 98802

Call Sign WQZI246	
File Number 0007713226	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 05-23-2017	Effective Date 05-23-2017	Expiration Date 05-23-2027	Print Date 05-24-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

ALONGSIDE UNNAMED RD
City: ORONDO County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	HOWES LANDING	47-39-46.1 N	120-11-52.4 W	449.2	
002	ORONDO ROCK	47-35-21.0 N	120-13-59.1 W	242.9	
003	OHME GARDENS TV SITE	47-29-45.8 N	120-19-10.5 W	513.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10735.0	0.00013	39M9D7D	56.500	11-23-2018	001	1	001	9.1	38.5	2.1	H	197.9	002	
10735.0	0.00013	39M9D7D	59.500	11-23-2018	001	1	001	9.1	38.5	2.1	H	197.9	002	
10735.0	0.00013	39M9D7D	62.500	11-23-2018	001	1	001	9.1	38.5	2.1	H	197.9	002	
10735.0	0.00013	39M9D7D 39M9D7D	68.500	11-23-2018	001	1	001	9.1	38.5	2.1	H	197.9	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZI246

File Number: 0007713226

Print Date: 05-24-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11485.0	0.00100	80M0D7D	60.400	11-23-2018	002	1	001	9.1	40.4	1.6	V	206.3	003	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZP960	
File Number 0007765647	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 06-30-2017	Effective Date 06-30-2017	Expiration Date 06-30-2027	Print Date 07-01-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

.50 KM NORHT OF Chumstick Hwy
City: LEAVENWORTH **County:** CHELAN **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	BEAVER HILL	47-45-07.2 N	120-38-27.2 W	799.8	
002	TUMWATER	47-36-58.9 N	120-40-42.1 W	789.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.00013	79M6D7D	56.500	12-30-2018	001	1	001	9.1	38.5	2.1	V	190.6	002	
11565.0	0.00013	79M6D7D	59.500	12-30-2018	001	1	001	9.1	38.5	2.1	V	190.6	002	
11565.0	0.00013	79M6D7D	62.500	12-30-2018	001	1	001	9.1	38.5	2.1	V	190.6	002	
11565.0	0.00013	79M6D7D	68.500	12-30-2018	001	1	001	9.1	38.5	2.1	V	190.6	002	
11565.0	0.00013	79M6D7D	68.500	12-30-2018	001	1	001	9.1	38.5	2.1	V	190.6	002	
11565.0	0.00013	79M6D7D	59.500	12-30-2018	002	1	001	9.1	38.5	2.1	H	190.6	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZP960

File Number: 0007765647

Print Date: 07-01-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
											Reflector Ht(m)xWd(m)			
11565.0	0.00013	79M6D7D	56.500	12-30-2018	002	1	001	9.1	38.5	2.1	H	190.6	002	
11565.0	0.00013	79M6D7D	62.500	12-30-2018	002	1	001	9.1	38.5	2.1	H	190.6	002	
11565.0	0.00013	79M6D7D 79M6D7D	68.500	12-30-2018	002	1	001	9.1	38.5	2.1	H	190.6	002	
11565.0	0.00013	79M6D7D	68.500	12-30-2018	002	1	001	9.1	38.5	2.1	H	190.6	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZQ365	
File Number 0007999841	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 07-05-2017	Effective Date 02-15-2018	Expiration Date 07-05-2027	Print Date 02-16-2018
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

.78 KM EAST OF Red Apple Rd
City: CASHMERE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	MONITOR-CCR	47-30-21.4 N	120-24-36.8 W	580.5	
002	NOC	47-25-16.4 N	120-18-40.7 W	213.0	
003	TUMWATER	47-36-58.9 N	120-40-42.1 W	789.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11545.0	0.00013	39M9D7D	56.500	01-05-2019	001	1	001	21.3	38.5	2.1	V	141.7	002	
11545.0	0.00013	39M9D7D	59.500	01-05-2019	001	1	001	21.3	38.5	2.1	V	141.7	002	
11545.0	0.00013	39M9D7D	62.500	01-05-2019	001	1	001	21.3	38.5	2.1	V	141.7	002	
11545.0	0.00013	39M9D7D	68.500	01-05-2019	001	1	001	21.3	38.5	2.1	V	141.7	002	
11545.0	0.00013	39M9D7D	68.500	01-05-2019	001	1	001	21.3	38.5	2.1	V	141.7	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZQ365

File Number: 0007999841

Print Date: 02-16-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
											Reflector			
											Ht(m)xWd(m)			
11545.0	0.00013	39M9D7D	56.500	01-05-2019	002	1	001	21.3	38.5	2.1	H	141.7	002	
11545.0	0.00013	39M9D7D	59.500	01-05-2019	002	1	001	21.3	38.5	2.1	H	141.7	002	
11545.0	0.00013	39M9D7D	62.500	01-05-2019	002	1	001	21.3	38.5	2.1	H	141.7	002	
11545.0	0.00013	39M9D7D	68.500	01-05-2019	002	1	001	21.3	38.5	2.1	H	141.7	002	
		39M9D7D												
11545.0	0.00013	39M9D7D	68.500	01-05-2019	002	1	001	21.3	38.5	2.1	H	141.7	002	
11325.0	0.00013	79M6D7D	59.000	01-05-2019	004	1	001	9.1	41.0	1.7	H	301.5	003	
11325.0	0.00013	79M6D7D	62.000	01-05-2019	004	1	001	9.1	41.0	1.7	H	301.5	003	
11325.0	0.00013	79M6D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.7	H	301.5	003	
11325.0	0.00013	79M6D7D	71.000	01-05-2019	004	1	001	9.1	41.0	1.7	H	301.5	003	
		79M6D7D												
11325.0	0.00013	79M6D7D	71.000	01-05-2019	004	1	001	9.1	41.0	1.7	H	301.5	003	
11325.0	0.00013	79M6D7D	59.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.00013	79M6D7D	62.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.00013	79M6D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
11325.0	0.00013	79M6D7D	71.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
		79M6D7D												
11325.0	0.00013	79M6D7D	71.000	01-05-2019	003	1	001	9.1	41.0	1.7	V	301.5	003	
17900.0	0.00100	80M0D7D	62.500	08-15-2019	005	1	001	25.0	42.5	1.1	H	141.7	002	
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
		80M0D7D												
17840.0	0.00100	40M0D7D	62.500	08-15-2019	005	1	001	25.0	42.5	1.1	H	141.7	002	
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												
		40M0D7D												

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
 COMPUTER 5, INC.
 343 GRANT ROAD
 EAST WENATCHEE, WA 98802

Call Sign WQZQ367	
File Number 0007764943	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class

FCC Registration Number (FRN): 0014511364

Grant Date 07-05-2017	Effective Date 07-05-2017	Expiration Date 07-05-2027	Print Date 07-06-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

6529 Jumpoff Rd
 City: WENTCHEE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	JUMPOFF RIDGE	47-19-10.0 N	120-14-21.3 W	1127.8	
002	NOC	47-25-16.4 N	120-18-40.7 W	213.0	
003	MOUNMENT HILL	47-19-13.1 N	119-48-04.7 W	870.4	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11215.0	0.00013	29M9D7D	56.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	

Frequency Special Condition:

Authorized frequency tolerance is 0.0000015.

11215.0	0.00013	29M9D7D	59.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
---------	---------	---------	--------	------------	-----	---	-----	------	------	-----	---	-------	-----	--

Frequency Special Condition:

Authorized frequency tolerance is 0.0000015.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZQ367

File Number: 0007764943

Print Date: 07-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11215.0	0.00013	29M9D7D	62.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D 29M9D7D	68.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D	68.500	01-05-2019	001	1	001	10.7	38.5	2.1	V	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D	56.500	01-05-2019	002	1	001	10.7	38.5	2.1	H	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D	59.500	01-05-2019	002	1	001	10.7	38.5	2.1	H	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D	62.500	01-05-2019	002	1	001	10.7	38.5	2.1	H	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D 29M9D7D	68.500	01-05-2019	002	1	001	10.7	38.5	2.1	H	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11215.0	0.00013	29M9D7D	68.500	01-05-2019	002	1	001	10.7	38.5	2.1	H	334.4	002	
Frequency Special Condition: Authorized frequency tolerance is 0.0000015.														
11075.0	0.00015	77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
Frequency Special Condition: The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.														
11075.0	0.00015	77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
Frequency Special Condition: The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.														
11565.0	0.00015	77M0D7D 77M0D7D 77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZQ367

File Number: 0007764943

Print Date: 07-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
--------------------	------------	-------------------	---------------	----------------	------------	-----------	-------------------	----------------	---------------	---------------	-----	---------------	------------------	---------------------

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	01-05-2019	003	1	001	9.1	41.0	1.5	V	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
		77M0D7D												

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZQ367

File Number: 0007764943

Print Date: 07-06-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
--------------------	------------	-------------------	---------------	----------------	------------	-----	-------------------	----------------	---------------	---------------	-----	---------------	------------------	---------------------

77M0D7D

77M0D7D

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	------	-----	--

77M0D7D

77M0D7D

77M0D7D

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	01-05-2019	004	1	001	9.1	41.0	1.5	H	89.7	003	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: Computer 5, Inc.

ATTN: MR JOHN J SEABECK
COMPUTER 5, INC.
343 GRANT RD.
EAST WENATCHEE, WA 98802

Call Sign WQZS408	
File Number 0007781214	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 07-20-2017	Effective Date 07-20-2017	Expiration Date 07-20-2027	Print Date 07-21-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

465 McNeil Canyon Rd
City: ORONDO County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	MCNEIL-NORTH	47-49-58.5 N	119-54-08.1 W	645.5	
002	UPPER CHELAN BUTTE	47-48-25.2 N	120-02-03.2 W	1166.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11325.0	0.00013	79M6D7D	56.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.00013	79M6D7D	59.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.00013	79M6D7D	60.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
		79M6D7D												
		79M6D7D												
11325.0	0.00013	79M6D7D	60.500	01-20-2019	001	1	001	9.1	38.5	2.1	V	253.8	002	
11325.0	0.00013	79M6D7D	56.500	01-20-2019	002	1	001	9.1	38.5	2.1	H	253.8	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZS408

File Number: 0007781214

Print Date: 07-21-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11325.0	0.00013	79M6D7D	59.500	01-20-2019	002	1	001	9.1	38.5	2.1	H	253.8	002	
11325.0	0.00013	79M6D7D	60.500	01-20-2019	002	1	001	9.1	38.5	2.1	H	253.8	002	
		79M6D7D												
		79M6D7D												
11325.0	0.00013	79M6D7D	60.500	01-20-2019	002	1	001	9.1	38.5	2.1	H	253.8	002	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZT397	
File Number 0007695389	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 07-27-2017	Effective Date 07-27-2017	Expiration Date 07-27-2027	Print Date 07-28-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

COUGAR RIDGE

City: COUGAR RIDGE **County:** DOUGLAS **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	COUGAR RIDGE, WA	47-27-52.8 N	120-17-16.5 W	409.0	
002	STINES HILL, WA	47-31-31.1 N	120-31-35.8 W	609.9	
003	NOC. WA	47-25-16.4 N	120-18-40.7 W	213.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
10755.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	59.000	01-27-2019	001	1	001	12.2	41.0	1.7	H	290.6	002	
11505.0	0.00013	39M9D7D	62.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZT397

File Number: 0007695389

Print Date: 07-28-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
											Reflector Ht(m)xWd(m)			
11505.0	0.00013	39M9D7D	65.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.00013	39M9D7D	71.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
		39M9D7D												
11505.0	0.00013	39M9D7D	71.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.00013	39M9D7D	59.000	01-27-2019	002	1	001	12.2	41.0	1.7	V	200.0	003	
11505.0	0.00013	39M9D7D	59.000	01-27-2019	003	1	001	12.2	41.0	1.7	H	200.0	003	
11505.0	0.00013	39M9D7D	62.000	01-27-2019	003	1	001	12.2	41.0	1.7	H	200.0	003	
11505.0	0.00013	39M9D7D	65.000	01-27-2019	003	1	001	12.2	41.0	1.7	H	200.0	003	
11505.0	0.00013	39M9D7D	71.000	01-27-2019	003	1	001	12.2	41.0	1.7	H	200.0	003	
		39M9D7D												
11505.0	0.00013	39M9D7D	71.000	01-27-2019	003	1	001	12.2	41.0	1.7	H	200.0	003	

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZT398	
File Number 0008037747	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 07-27-2017	Effective Date 03-14-2018	Expiration Date 07-27-2027	Print Date 03-15-2018
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

WATERVILLE LOOKOUT

City: WATERVILLW LOOKOUT **County:** DOUGLAS **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	WATERVILLE LOOKOUT	47-41-20.7 N	120-09-55.1 W	944.0	
002	RUND CANYON	47-35-05.0 N	120-08-25.2 W	1264.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11075.0	0.00013	79M6D7D	56.500	09-14-2019	002	1	001	12.2	38.5	2.1	V	170.8	002	
11075.0	0.00013	79M6D7D	59.500	09-14-2019	002	1	001	12.2	38.5	2.1	V	170.8	002	
11075.0	0.00013	79M6D7D	62.500	09-14-2019	002	1	001	12.2	38.5	2.1	V	170.8	002	
11075.0	0.00013	79M6D7D	68.500	09-14-2019	002	1	001	12.2	38.5	2.1	V	170.8	002	
11075.0	0.00013	79M6D7D	56.500	09-14-2019	003	1	001	12.2	38.5	2.1	H	170.8	002	
11075.0	0.00013	79M6D7D	59.500	09-14-2019	003	1	001	12.2	38.5	2.1	H	170.8	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZT398

File Number: 0008037747

Print Date: 03-15-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11075.0	0.00013	79M6D7D	62.500	09-14-2019	003	1	001	12.2	38.5	2.1	H	170.8	002	
11075.0	0.00013	79M6D7D	68.500	09-14-2019	003	1	001	12.2	38.5	2.1	H	170.8	002	

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
 COMPUTER 5, INC.
 343 GRANT ROAD
 EAST WENATCHEE, WA 98802

Call Sign WQZU255	
File Number 0007694984	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 08-03-2017	Effective Date 08-03-2017	Expiration Date 08-03-2027	Print Date 08-04-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

SKI BADGER
 City: WATERVILLE County: DOUGLAS State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	SKI-BADGER, WA	47-34-39.0 N	120-11-47.8 W	1285.0	
002	STORMY LODGE, WA	47-49-10.0 N	120-25-18.3 W	481.6	
003	WATERVILLE LOOKOUT,	47-41-20.7 N	120-09-55.1 W	944.0	
004	TV BADGER, WA	47-27-50.0 N	120-12-30.5 W	1042.1	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11645.0	0.00001	77M0D7D 77M0D7D 77M0D7D 77M0D7D	65.000	02-03-2019	001	1	001	13.1	41.0	1.5	V	327.9	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZU255

File Number: 0007694984

Print Date: 08-04-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
-----------------	---------	----------------	------------	-------------	---------	-----	-------------	-------------	------------	------------	-----	------------	------------	---------------

77M0D7D
 77M0D7D
 77M0D7D
 77M0D7D
 77M0D7D

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 %.

11565.0	0.00200	79M3D7D	56.500	02-03-2019	002	1	001	16.8	38.5	2.1	H	10.8	003	
		79M3D7D												
		79M3D7D												
		79M3D7D												
		79M3D7D												
11405.0	0.00200	79M3D7D	56.500	02-03-2019	003	1	001	6.7	38.5	2.1	H	184.0	004	
		79M3D7D												
		79M3D7D												
		79M3D7D												
		79M3D7D												

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZU256	
File Number 0007695224	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 08-03-2017	Effective Date 08-03-2017	Expiration Date 08-03-2027	Print Date 08-04-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

STORMY LODGE

City: ENTIATE County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	STORMY LODGE, WA	47-49-10.0 N	120-25-18.1 W	481.6	
002	SKI -BADGER, WA	47-34-39.9 N	120-11-47.8 W	1285.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11155.0	0.00001	77M0D7D	65.000	02-03-2019	001	1	001	11.6	41.0	1.5	V	147.8	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												
		77M0D7D												
		77M0D7D												
		77M0D7D												

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZU256

File Number: 0007695224

Print Date: 08-04-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 %.

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZW484	
File Number 0007765153	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 08-21-2017	Effective Date 08-21-2017	Expiration Date 08-21-2027	Print Date 08-22-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

AT THE END OF N_s-NW

City: QUINCY **County:** GRANT **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	MOUNMENT HILL	47-19-13.1 N	119-48-04.7 W	870.4	
002	JUMPOFF RIDGE	47-19-10.0 N	120-14-21.3 W	1134.2	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.00015	77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D 77M0D7D 77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
---------	---------	-------------------------------	--------	------------	-----	---	-----	-----	------	-----	---	-------	-----	--

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZW484

File Number: 0007765153

Print Date: 08-22-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
-----------------	---------	----------------	------------	-------------	---------	-----	-------------	-------------	------------	------------	-----	------------	------------	---------------

77M0D7D

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	-------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	02-21-2019	001	1	001	9.1	41.0	1.5	V	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	-------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
---------	---------	---------	--------	------------	-----	---	-----	-----	------	-----	---	-------	-----	--

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Licensee Name: COMPUTER 5, INC.

Call Sign: WQZW484

File Number: 0007765153

Print Date: 08-22-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
--------------------	------------	-------------------	---------------	----------------	------------	-----	-------------------	----------------	---------------	---------------	-----	---------------	------------------	---------------------

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11565.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

11075.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

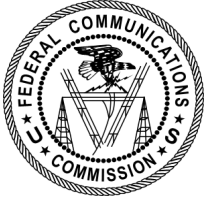
11075.0	0.00015	77M0D7D	65.000	02-21-2019	002	1	001	9.1	41.0	1.5	H	270.0	002	
		77M0D7D												
		77M0D7D												
		77M0D7D												

Frequency Special Condition:

The frequency tolerance listed elsewhere on this authorization is superseded by this condition: Authorized frequency tolerance is 0.0000015 percent.

Waivers/Conditions:

NONE



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC

ATTN: JOHN SEABECK
COMPUTER 5, INC
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WQZZ444	
File Number 0007695418	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 09-14-2017	Effective Date 09-14-2017	Expiration Date 09-14-2027	Print Date 09-15-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

NOC
City: NOC County: CHELAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	NOC, WA	47-25-16.4 N	120-18-40.7 W	214.0	
002	COUGAR RIDGE, WA	47-27-52.8 N	120-17-16.5 W	409.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg No	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11405.0	0.00200	79M3D7D 79M3D7D 79M3D7D 79M3D7D 79M3D7D	52.300	03-14-2019	001	1	001	10.7	34.3	3.4	V	20.1	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC

Call Sign: WQZZ444

File Number: 0007695418

Print Date: 09-15-2017

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: Computer 5, Inc.

ATTN: MR JOHN J SEABECK
COMPUTER 5, INC.
343 GRANT RD.
EAST WENATCHEE, WA 98802

Call Sign WRAB409	
File Number 0007847523	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 09-29-2017	Effective Date 09-29-2017	Expiration Date 09-29-2027	Print Date 09-30-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

152 Glover St
City: Twisp County: OKANOGAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	Twisp-Downtown	48-21-53.1 N	120-07-18.2 W	490.1	
002	McClure	48-19-05.6 N	120-06-50.8 W	1392.6	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11265.0	0.00013	39M9D7D 39M9D7D	58.300	03-29-2019	001	1	001	6.1	34.3	3.4	V	173.8	002	
11265.0	0.00013	39M9D7D	52.300	03-29-2019	001	1	001	6.1	34.3	3.4	V	173.8	002	
11265.0	0.00013	39M9D7D	55.300	03-29-2019	001	1	001	6.1	34.3	3.4	V	173.8	002	
11265.0	0.00013	39M9D7D	52.300	03-29-2019	002	1	001	6.1	34.3	3.4	H	173.8	002	
11265.0	0.00013	39M9D7D	55.300	03-29-2019	002	1	001	6.1	34.3	3.4	H	173.8	002	
11265.0	0.00013	39M9D7D	58.300	03-29-2019	002	1	001	6.1	34.3	3.4	H	173.8	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WRAB409

File Number: 0007847523

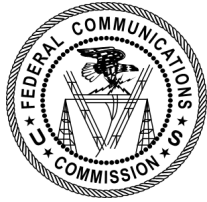
Print Date: 09-30-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
39M9D7D														

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: Computer 5, Inc.

ATTN: MR JOHN J SEABECK
COMPUTER 5, INC.
343 GRANT RD.
EAST WENATCHEE, WA 98802

Call Sign WRAB416	
File Number 0007847522	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 09-29-2017	Effective Date 09-29-2017	Expiration Date 09-29-2027	Print Date 09-30-2017
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

Off of Studhorse Mtn Rd

City: Winthrop County: OKANOGAN State: WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	Studhorse-Winthrop	48-28-10.7 N	120-09-36.3 W	751.3	
002	McClure	48-19-05.6 N	120-06-50.8 W	1392.6	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11665.0	0.00013	39M9D7D	56.500	03-29-2019	002	1	001	9.1	38.5	2.1	H	168.6	002	
11665.0	0.00013	39M9D7D	59.500	03-29-2019	002	1	001	9.1	38.5	2.1	H	168.6	002	
11665.0	0.00013	39M9D7D	62.500	03-29-2019	002	1	001	9.1	38.5	2.1	H	168.6	002	
11665.0	0.00013	39M9D7D	68.500	03-29-2019	002	1	001	9.1	38.5	2.1	H	168.6	002	
11665.0	0.00013	39M9D7D	56.500	03-29-2019	001	1	001	9.1	38.5	2.1	V	168.6	002	
11665.0	0.00013	39M9D7D	59.500	03-29-2019	001	1	001	9.1	38.5	2.1	V	168.6	002	
11665.0	0.00013	39M9D7D	62.500	03-29-2019	001	1	001	9.1	38.5	2.1	V	168.6	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WRAB416

File Number: 0007847522

Print Date: 09-30-2017

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11665.0	0.00013	39M9D7D	68.500	03-29-2019	001	1	001	9.1	38.5	2.1	V	168.6	002	

Waivers/Conditions:

NONE

Official Copy



Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: COMPUTER 5, INC.

ATTN: JOHN SEABECK
COMPUTER 5, INC.
343 GRANT ROAD
EAST WENATCHEE, WA 98802

Call Sign WRAV434	
File Number 0008037750	
Radio Service MG - Microwave Industrial/Business Pool	
SMSA	Station Class FXO

FCC Registration Number (FRN): 0014511364

Grant Date 03-14-2018	Effective Date 03-14-2018	Expiration Date 03-14-2028	Print Date 03-15-2018
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

LOCATION

Fixed Location Address or Area of Operation:

492 Ruud Canyon Rd

City: East Wenatchee **County:** DOUGLAS **State:** WA

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	RUND CANYON	47-35-05.0 N	120-08-25.2 W	1264.5	
002	WATERVILLE LOOKOUT	47-41-20.7 N	120-09-55.1 W	944.0	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Design	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam Reflector Ht(m)xWd(m)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.00013	79M6D7D	56.500	09-14-2019	001	1	001	12.2	38.5	2.1	V	350.9	002	
11565.0	0.00013	79M6D7D	59.500	09-14-2019	001	1	001	12.2	38.5	2.1	V	350.9	002	
11565.0	0.00013	79M6D7D	62.500	09-14-2019	001	1	001	12.2	38.5	2.1	V	350.9	002	
11565.0	0.00013	79M6D7D	68.500	09-14-2019	001	1	001	12.2	38.5	2.1	V	350.9	002	
11565.0	0.00013	79M6D7D	56.500	09-14-2019	002	1	001	12.2	38.5	2.1	H	350.9	002	
11565.0	0.00013	79M6D7D	59.500	09-14-2019	002	1	001	12.2	38.5	2.1	H	350.9	002	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: COMPUTER 5, INC.

Call Sign: WRAV434

File Number: 0008037750

Print Date: 03-15-2018

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
11565.0	0.00013	79M6D7D	62.500	09-14-2019	002	1	001	12.2	38.5	2.1	H	350.9	002	
11565.0	0.00013	79M6D7D	68.500	09-14-2019	002	1	001	12.2	38.5	2.1	H	350.9	002	

Waivers/Conditions:

NONE

Official Copy

Pages 240-243 have been redacted because all of the substantive information contained in pages 240-243 is confidential per WAC 480-07-160.