



Disponibilidad del satélite 2024-T1

J2 Colombia Availability (Abril)

Jupiter 2 Availability - March 2024

Gateway Availability

GWID	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	ALB	Albuquerque, NM	26,078	100.00	0.00	0.00
2	AMA	Amarillo, TX	26,609	100.00	0.00	0.00
3	BIL	Billings, MT	24,704	100.00	0.00	0.00
4	BIS	Bismarck, ND	20,660	100.00	0.00	0.00
5	BOI	Boise, ID	22,992	100.00	0.00	0.00
6	CHY	Cheyenne, WY	26,816	100.00	0.00	0.00
7	DUL	Duluth, MN	27,244	99.99	0.01	0.00
8	GIL	Gilbert, AZ	31,886	100.00	0.00	0.00
9	ROS	Roseburg, OR	22,255	100.00	0.00	0.00
10	MIS	Missoula, MT	20,812	100.00	0.00	0.00
11	NLV	North Las Vegas, NV	26,817	100.00	0.00	0.00
12	NOR	North Platte, NE	21,232	100.00	0.00	0.00
13	OMA	Omaha, NE	19,347	100.00	0.00	0.00
14	SDO	San Diego, CA	28,792	100.00	0.00	0.00
15	SEA	Seattle, WA	21,833	100.00	0.00	0.00
16	STC	Santa Clara, CA	25,485	100.00	0.00	0.00
17	SLC	Salt Lake City, UT	23,378	100.00	0.00	0.00
20	CHA	Chihuahua, Mexico	8,144	100.00	0.00	0.00
21	HMA	Hermosillo, Mexico	8,280	100.00	0.00	0.00
22	MTA	Monterrey, Mexico	8,027	100.00	0.00	0.00
23	CHI	Chihuahua, Mexico	2,899	100.00	0.00	0.00
24	HMO	Hermosillo, Mexico	3,491	100.00	0.00	0.00
25	MTR	Monterrey, Mexico	3,524	100.00	0.00	0.00

$$\text{Availability} = \frac{(\text{Total Outage Minutes}) \times (\text{Number Subs Impacted})}{(\text{Total Subs on Platform} \times \text{Total Possible Service Minutes per Sub})}$$

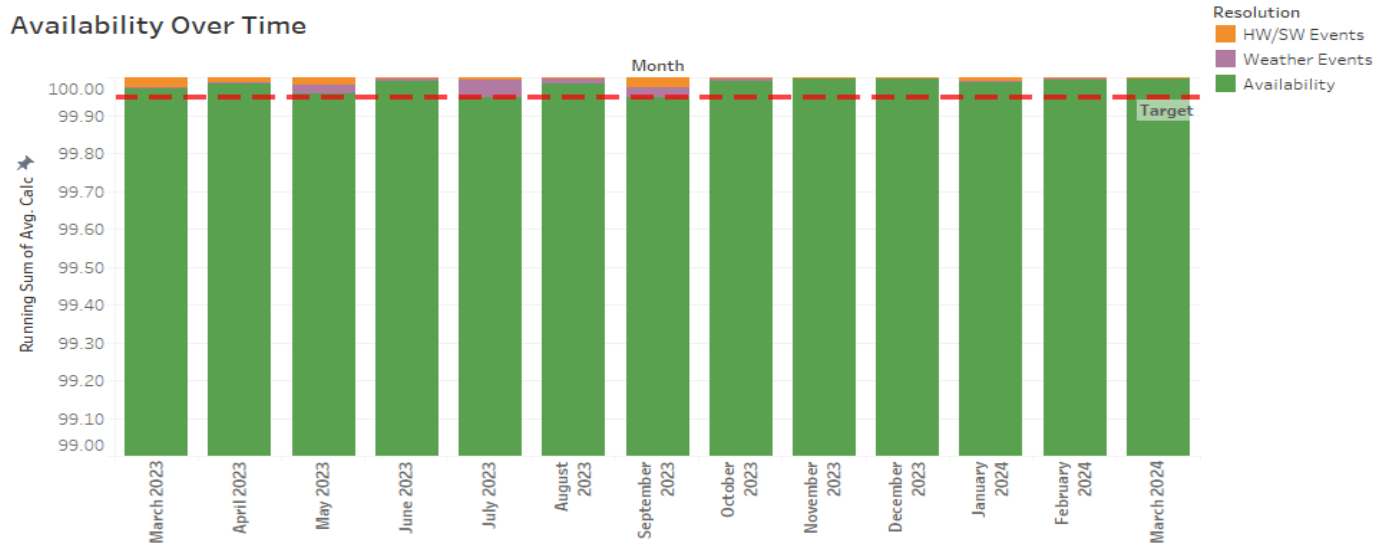
# of Users	Availability	HW/SW Events	Weather Events
451,305	100.00	0.00	0.00

User Count is 5 Week Average

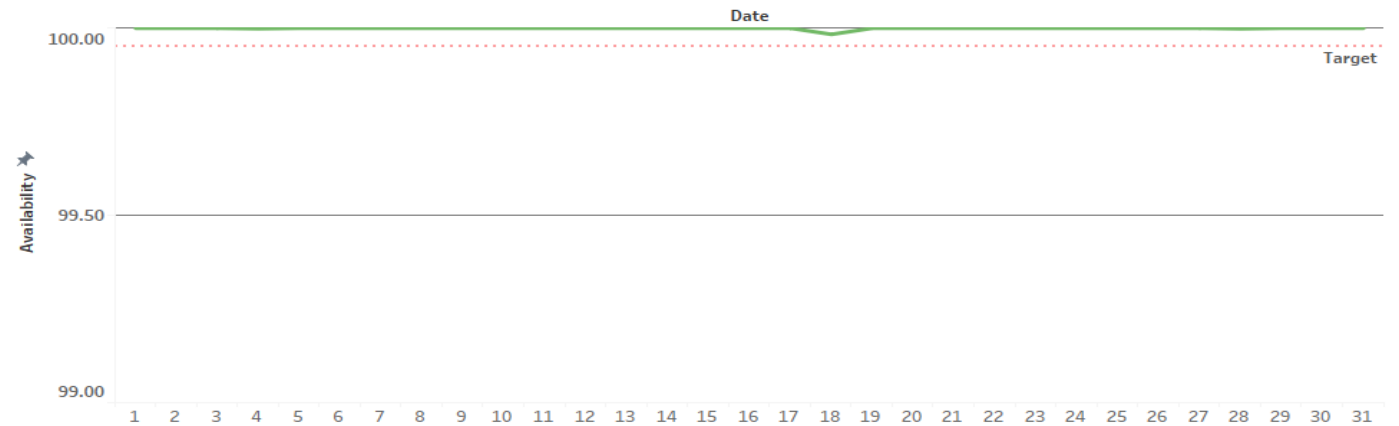
Excludes XCI

GWID 20,21,22=Mexico Consumer, GWID 23, 24 25=Telecom Vera

Availability Over Time



Daily Availability



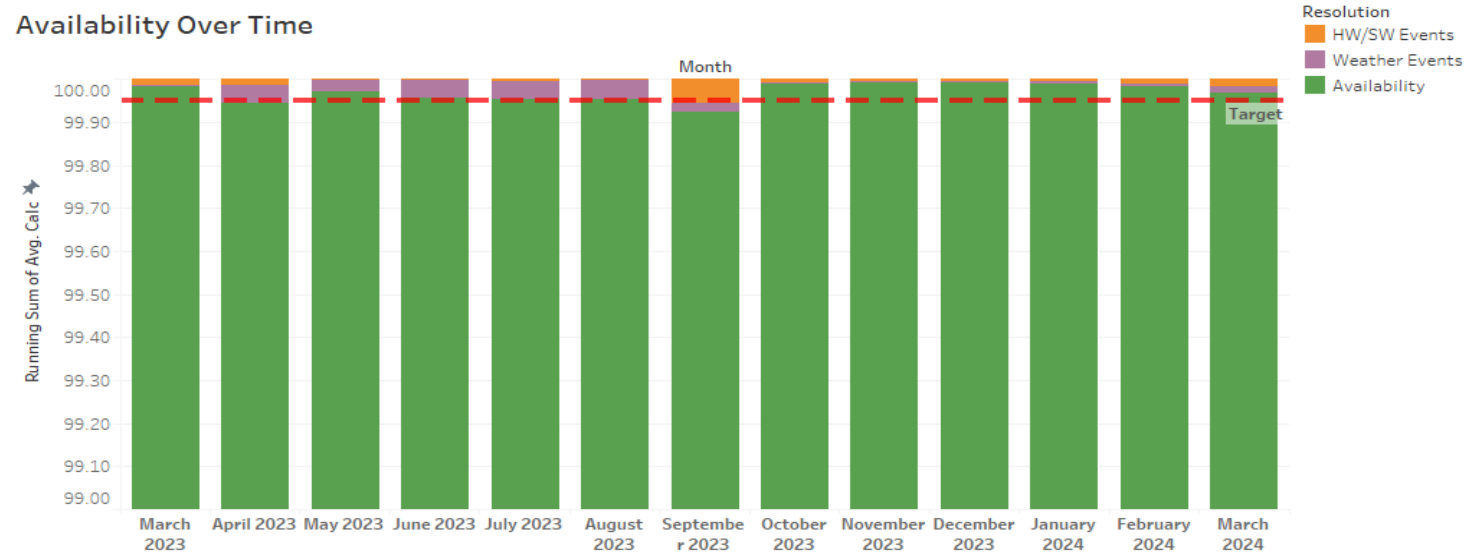
T19V (63W) Colombia Availability (Abril)

T19V Availability - March 2024

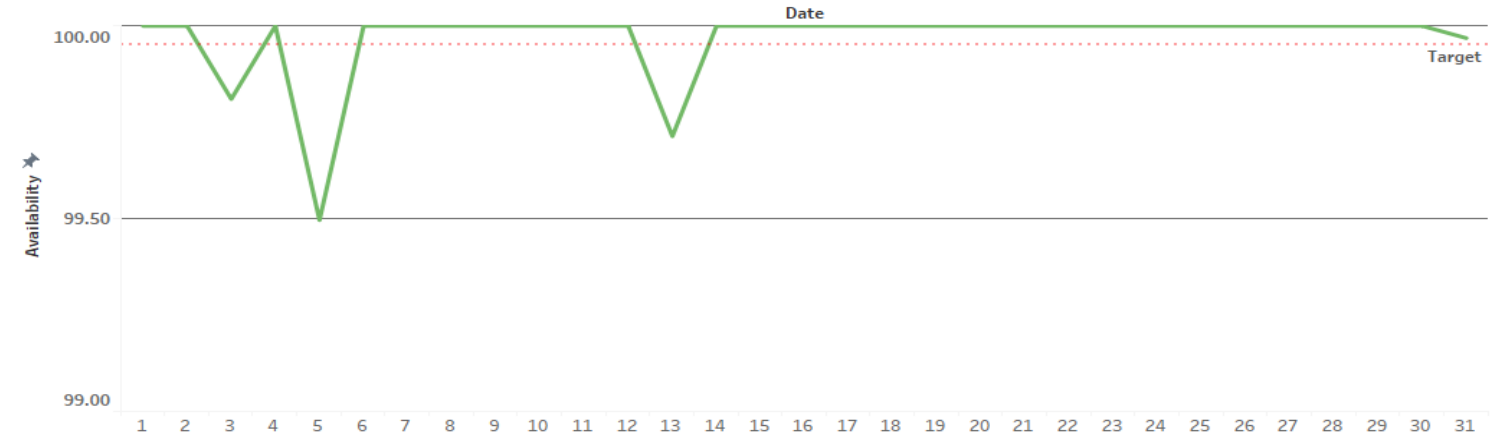
Gateway Availability

GWID	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	JOA	Joao Pessoa, Brazil	30,763	99.95	0.00	0.05
2	SPO	Spokane, WA	9,978	100.00	0.00	0.00
3	NOR	North Platte, NE	10,383	99.95	0.05	0.00
4	ALB	Albuquerque, NM	12,112	99.96	0.04	0.00
5	RIV	Riverside, CA	13,135	99.96	0.04	0.00
6	MON	Monee, IL	6,927	100.00	0.00	0.00
7	ARI	Arica, Chile	9,885	100.00	0.00	0.00
8	MTJ	Mount Jackson, VA	3,215	100.00	0.00	0.00

Availability Over Time



Daily Availability



Availability = $\frac{(\text{Total Outage Minutes}) \times (\text{Number Subs Impacted})}{(\text{Total Subs on Platform} \times \text{Total Possible Service Minutes per Sub})}$

# of Users	Availability	HW/SW Events	Weather Events
96,398	99.98	0.01	0.01

Availability by Transport – Jupiter 2 (Mayo)

Jupiter 2 Availability - April 2024

Gateway Availability

GWID	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	ALB	Albuquerque, NM	25,367	99.98	0.02	0.00
2	AMA	Amarillo, TX	25,696	100.00	0.00	0.00
3	BIL	Billings, MT	23,502	99.99	0.01	0.00
4	BIS	Bismarck, ND	19,917	100.00	0.00	0.00
5	BOI	Boise, ID	22,283	100.00	0.00	0.00
6	CHY	Cheyenne, WY	25,858	100.00	0.00	0.00
7	DUL	Duluth, MN	26,293	100.00	0.00	0.00
8	GIL	Gilbert, AZ	31,075	100.00	0.00	0.00
9	ROS	Roseburg, OR	21,635	100.00	0.00	0.00
10	MIS	Missoula, MT	20,093	100.00	0.00	0.00
11	NLV	North Las Vegas, NV	25,971	100.00	0.00	0.00
12	NOR	North Platte, NE	20,533	100.00	0.00	0.00
13	OMA	Omaha, NE	18,705	99.96	0.04	0.00
14	SDO	San Diego, CA	27,863	100.00	0.00	0.00
15	SEA	Seattle, WA	20,795	100.00	0.00	0.00
16	STC	Santa Clara, CA	24,118	100.00	0.00	0.00
17	SLC	Salt Lake City, UT	22,548	100.00	0.00	0.00
20	CHI	Chihuahua, Mexico	3,484	100.00	0.00	0.00
21	HMO	Hermosillo, Mexico	4,755	100.00	0.00	0.00
22	MTR	Monterrey, Mexico	4,415	99.98	0.01	0.01
24	CHA	Chihuahua, Mexico	7,762	100.00	0.00	0.00
25	HMA	Hermosillo, Mexico	7,925	100.00	0.00	0.00
26	MTA	Monterrey, Mexico	7,573	99.99	0.01	0.00

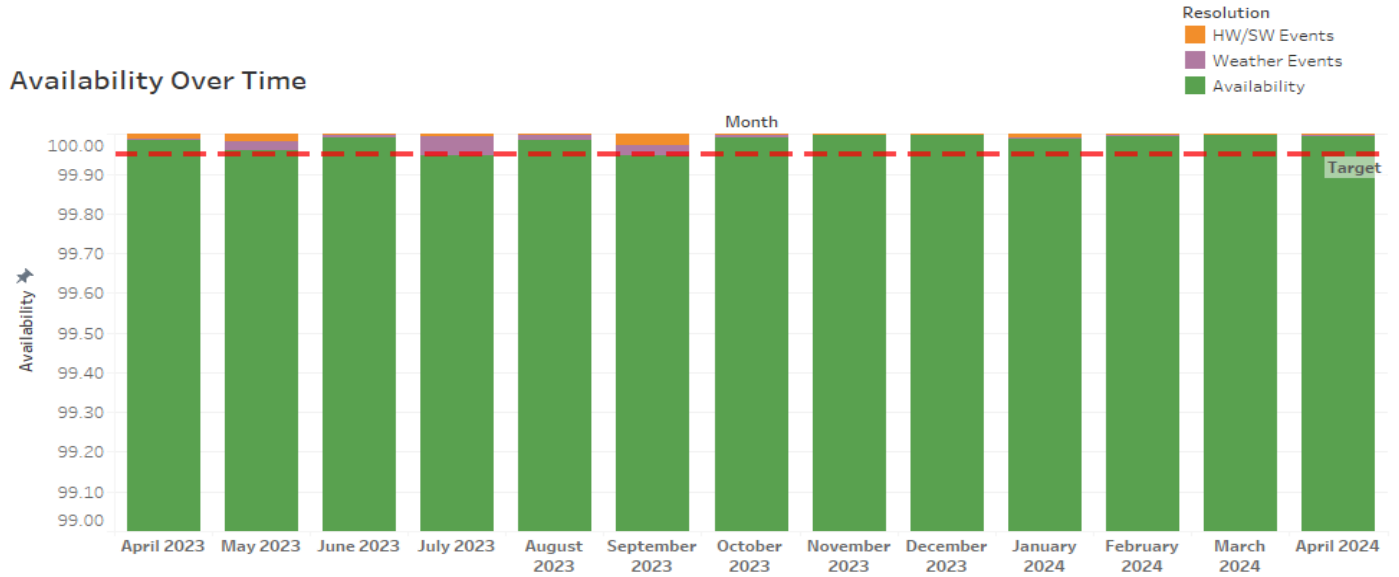
User Count	Availability	HW/SW Events	Weather Events
438164	100.00	0.00	0.00

User Count is 5 Week Average

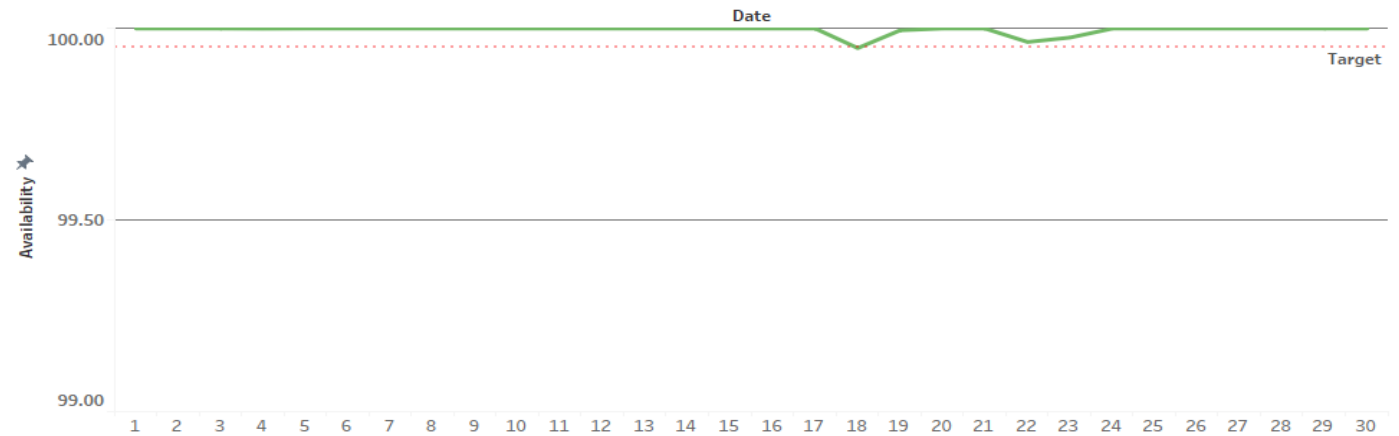
Excludes XCI

GWID 20,21,22=Telecom Vera, GWID 24,25,26=Mexico Consumer

Availability Over Time



Daily Availability



Availability by Transport – T19V (mayo)

T19V Availability - April 2024

Gateway Availability

GWID	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	JOA	Joao Pessoa, Brazil	31,110	99.77	0.01	0.23
2	SPO	Spokane, WA	9,853	100.00	0.00	0.00
3	NOR	North Platte, NE	10,233	100.00	0.00	0.00
4	ALB	Albuquerque, NM	11,947	100.00	0.00	0.00
5	RIV	Riverside, CA	12,993	100.00	0.00	0.00
6	MON	Monee, IL	6,825	99.99	0.00	0.01
7	ARI	Arica, Chile	9,756	100.00	0.00	0.00
8	MTJ	Mount Jackson, VA	3,190	99.74	0.24	0.02

Main Issues Impacting Service

Date	CASE	DURATION	Sites	GW	Summary
4/2	158289096	106	3097	MTJ	Backhaul maintenance activity affected both the primary and secondary circuits due to a fiber shelter relocation. The provider only gave advanced notice of one circuit. Service was restored when the maintenance was complete.

$$\text{Availability} = \frac{(\text{Total Outage Minutes}) \times (\text{Number Subs Impacted})}{(\text{Total Subs on Platform} \times \text{Total Possible Service Minutes per Sub})}$$

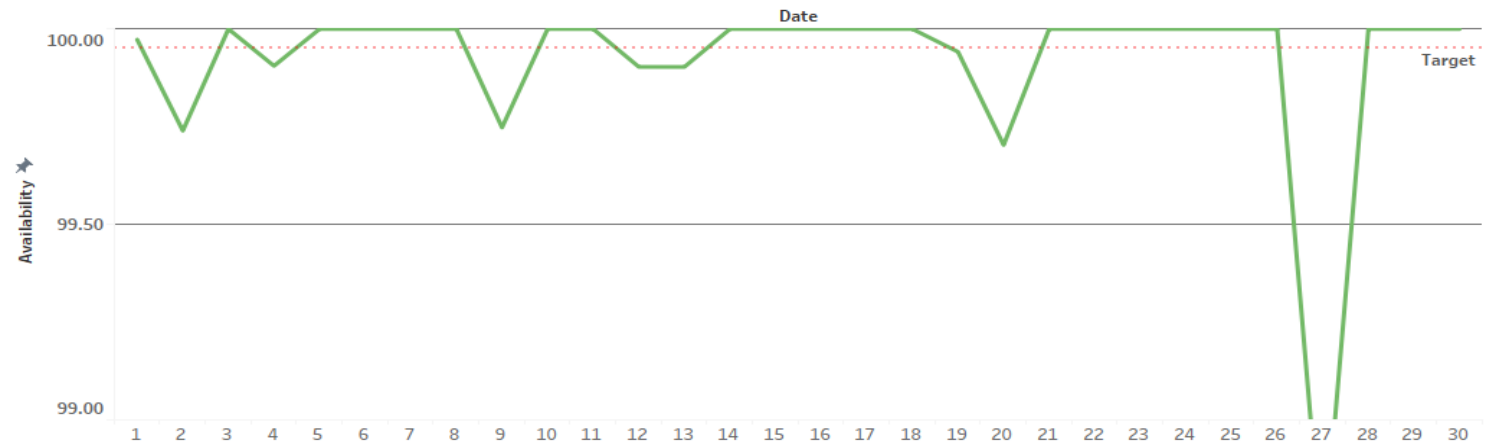
User Count	Availability	HW/SW Events	Weather Events
95,906	99.91	0.01	0.08

User Count is 5 Week Average

Availability Over Time



Daily Availability



Availability by Transport – Jupiter 2 (Junio)

Jupiter 2 Availability - May 2024

Gateway Availability

GWID	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	ALB	Albuquerque, NM	24,326	100.00	0.00	0.00
2	AMA	Amarillo, TX	24,378	99.97	0.00	0.03
3	BIL	Billings, MT	22,724	100.00	0.00	0.00
4	BIS	Bismarck, ND	18,832	100.00	0.00	0.00
5	BOI	Boise, ID	21,208	100.00	0.00	0.00
6	CHY	Cheyenne, WY	24,399	100.00	0.00	0.00
7	DUL	Duluth, MN	24,869	100.00	0.00	0.00
8	GIL	Gilbert, AZ	29,786	100.00	0.00	0.00
9	ROS	Roseburg, OR	20,731	100.00	0.00	0.00
10	MIS	Missoula, MT	18,991	100.00	0.00	0.00
11	NLV	North Las Vegas, NV	24,653	100.00	0.00	0.00
12	NOR	North Platte, NE	19,414	99.94	0.00	0.06
13	OMA	Omaha, NE	17,734	99.87	0.00	0.13
14	SDO	San Diego, CA	26,489	100.00	0.00	0.00
15	SEA	Seattle, WA	20,304	100.00	0.00	0.00
16	STC	Santa Clara, CA	23,230	100.00	0.00	0.00
17	SLC	Salt Lake City, UT	21,321	100.00	0.00	0.00
20	CHI	Chihuahua, Mexico	4,335	99.91	0.09	0.00
21	HMO	Hermosillo, Mexico	6,645	100.00	0.00	0.00
22	MTR	Monterrey, Mexico	5,700	99.87	0.00	0.13
24	CHA	Chihuahua, Mexico	7,252	99.94	0.06	0.00
25	HMA	Hermosillo, Mexico	7,271	100.00	0.00	0.00
26	MTA	Monterrey, Mexico	6,770	100.00	0.00	0.00

$$\text{Availability} = \frac{(\text{Total Outage Minutes}) \times (\text{Number Subs Impacted})}{(\text{Total Subs on Platform} \times \text{Total Possible Service Minutes per Sub})}$$

User Count	Availability	HW/SW Events	Weather Events
421363	99.99	0.00	0.01

User Count is 5 Week Average

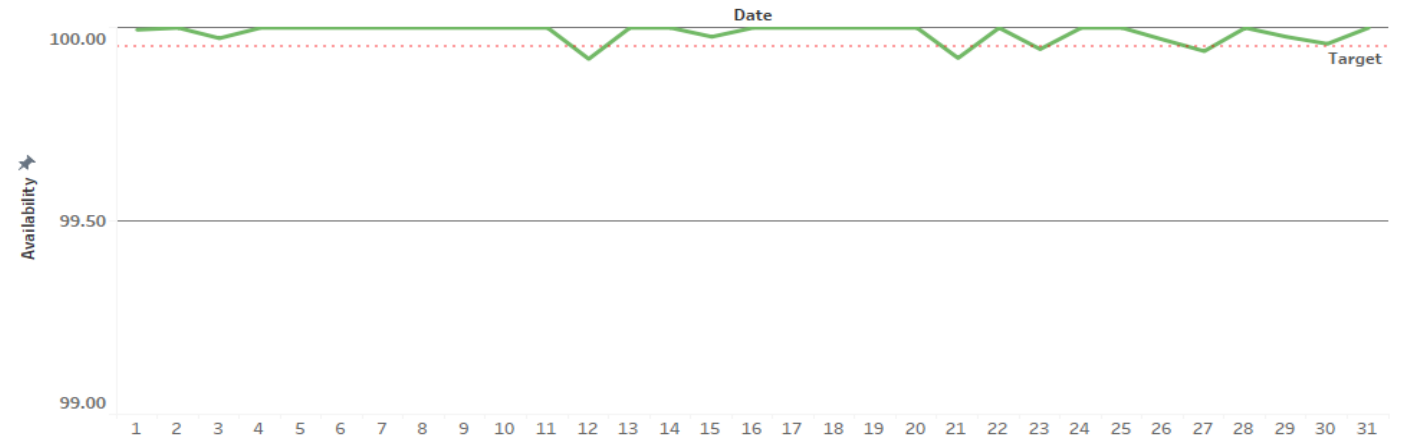
Excludes XCI

GWID 20,21,22=Telecom Vera, GWID 24,25,26=Mexico Consumer

Availability Over Time



Daily Availability



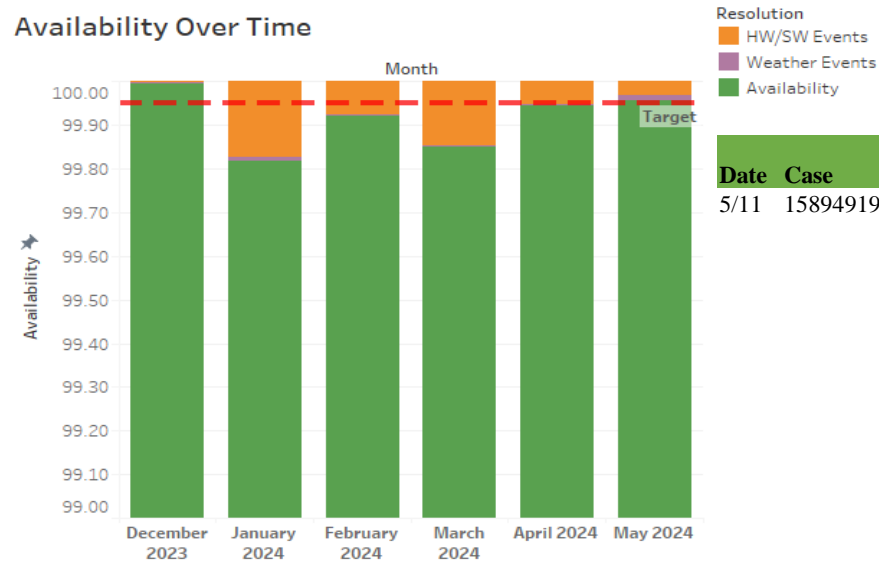
Availability by Transport – Jupiter 3 (junio)

Jupiter 3 Availability - May 2024

Gateway Availability

GW..	Gateway	GW Location	User Counts	Availability	HW/SW Events	Weather Events
1	BIL	Billings, MT	1,578	99.90	0.00	0.10
2	CHY	Cheyenne, WY	6,498	99.95	0.00	0.05
3	IDF	Idaho Falls, ID	4,371	100.00	0.00	0.00
4	LIN	Lindon, UT	7,316	99.93	0.01	0.06
5	MIS	Missoula, MT	4,383	100.00	0.00	0.00
6	NOR	North Platte, NE	3,611	99.99	0.00	0.01
7	RAP	Rapid City, SD	5,950	99.99	0.01	0.00
8	RIF	Rifle, CO	3,914	99.99	0.00	0.01
9	TAO	Taos, NM	5,358	100.00	0.00	0.00
11	FLG	Flagstaff, AZ	6,505	100.00	0.00	0.00
12	BEN	Bend, OR	8,216	100.00	0.00	0.00
13	BOI	Boise, ID	8,622	99.98	0.00	0.02
14	NLV	North Las Vegas, NV	8,368	99.93	0.07	0.00
15	QUN	Quincy, WA	8,066	99.97	0.00	0.03
16	RNO	Reno, NV	8,731	100.00	0.00	0.00
17	SIM	Simi Valley, CA	9,146	100.00	0.00	0.00
18	STC	Santa Clara, CA	8,132	100.00	0.00	0.00
19	YUM	Yuma, AZ	9,784	100.00	0.00	0.00

Availability Over Time



Main Issues Impacting Service

Date	Case	Time	Sites	RFGW	Explanation
5/11	158949194	36	31282	GIL - SNC; LA1 - SNC	NMC worked with CNE-GW who identified an unresponsive backend process affecting the Software-Defined Network Controller (SDNC), and the SDNC was redeployed to restore service.

SNC Availability

Diversity	SNC	SNC Location	User Count	Availability	HW/SW Events
East	SNC 1	Cheyenne, WY	17,940	100.00	0.00
	SNC 2	Dallas, TX	5,358	100.00	0.00
	SNC 5	North Platte, NE	3,611	100.00	0.00
	SNC 7	Salt Lake City, UT	16,070	100.00	0.00
West	SNC 3	Gilber, AZ	16,289	99.93	0.07
	SNC 4	Los Angeles, CA	17,514	99.93	0.07
	SNC 6	Seattle, WA	24,904	99.98	0.02
	SNC 8	Palo Alto, CA	16,863	100.00	0.00

Availability = $\frac{(\text{Total Outage Minutes}) \times (\text{Number Subs Impacted})}{(\text{Total Subs on Platform} \times \text{Total Possible Service Minutes per Sub})}$

User Count	Availability	HW/SW Events	Weather Events
118549	99.96	0.03	0.01

Count Taken Last Day of Month
Excludes XCI

Daily Availability

