UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Marlink, Inc.

Call Sign: WB36

Authorization Type: Modification of License
Non Common Carrier

Grant date:

File Number: SES-MOD-20200528-00575

Expiration Date: 10/22/2026

DELETE 482, 483, 484, 485

B) Particulars of Operations

change 486 to V240MT2KA

The General Provision 1010 applies to all receiving frequency bands.
The General Provision 1900 applies to all transmitting frequency bands.
For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
469)	29300.0000-30000.0000	L,R	100MG1W	Tx	70.30	26.30	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
470)	29300.0000-30000.0000	L,R	100MG7W	Tx	70.30	26.30	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
471)	29300.0000-30000.0000	L,R	44K8G1W	Tx	59.60	48.40	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
472)	29300.0000-30000.0000	L,R	44K8G7W	Tx	59.60	48.40	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
473)	28350.0000-29100.0000	L,R	44K8G1W	Tx	59.60	48.40	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
474)	28350.0000-29100.0000	L,R	44K8G7W	Tx	59.60	48.40	V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
475)	19600.0000-20200.0000	L,R	200MG1W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
476)	19600.0000-20200.0000	L,R	200MG7W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
477)	19600.0000-20200.0000	L,R	44K8G1W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
478)	19600.0000-20200.0000	L,R	44K8G7W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
479)	17800.0000-19400.0000	L,R	200MG7W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
480)	17800.0000-19400.0000	L,R	44K8G1W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
481)	17800.0000-19400.0000	L,R	44K8G7W	Rx			V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
482)	~~29300.0000-30000.0000~~	~~L,R~~	~~100MG1W~~	~~Tx~~	~~70.30~~	~~26.30~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~ DELETE
483)	~~29300.0000-30000.0000~~	~~L,R~~	~~100MG7W~~	~~Tx~~	~~70.30~~	~~26.30~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~ DELETE
484)	~~29300.0000-30000.0000~~	~~L,R~~	~~44K8G1W~~	~~Tx~~	~~59.60~~	~~48.40~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~ DELETE
485)	~~29300.0000-30000.0000~~	~~L,R~~	~~44K8G7W~~	~~Tx~~	~~59.60~~	~~48.40~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~ DELETE
486)	28350.0000-29100.0000	L,R	100MG1W	Tx	70.30	26.30	~~V240MT2KU~~ V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

change 486 to V240MT2KA

FCC Form 488

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Marlink, Inc.

Call Sign: WB36

Authorization Type: Modification of License

File Number: SES-MOD-20200528-00575

Non Common Carrier **Grant date:** **Expiration Date:** 10/22/2026

change 487 & 494 to V240MT2KA

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
The General Provision 1900 applies to all transmitting frequency bands.
For the text of these provisions, refer to Section H.

DELETE 488, 489, 490, 491, 492, 493, 495, 496, 497, 498

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
487)	28350.0000-29100.0000	L,R	100MG7W	Tx	70.30	26.30	V240MT2KU V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
~~488)~~	~~28350.0000-29100.0000~~	~~L,R~~	~~44K8G1W~~ DELETE	~~Tx~~	~~59.60~~	~~48.40~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~489)~~	~~28350.0000-29100.0000~~	~~L,R~~	~~44K8G7W~~ DELETE	~~Tx~~	~~59.60~~	~~48.40~~	~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~490)~~	~~19600.0000-20200.0000~~	~~L,R~~	~~200MG1W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~491)~~	~~19600.0000-20200.0000~~	~~L,R~~	~~200MG7W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~492)~~	~~19600.0000-20200.0000~~	~~L,R~~	~~44K8G1W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~493)~~	~~19600.0000-20200.0000~~	~~L,R~~	~~44K8G7W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
494)	17800.0000-19400.0000	L,R	200MG1W	Rx			V240MT2KU V240MT2KA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
~~495)~~	~~17800.0000-19400.0000~~	~~L,R~~	~~200MG1W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~496)~~	~~17800.0000-19400.0000~~	~~L,R~~	~~200MG7W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~497)~~	~~17800.0000-19400.0000~~	~~L,R~~	~~44K8G1W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
~~498)~~	~~17800.0000-19400.0000~~	~~L,R~~	~~44K8G7W~~	~~Rx~~ DELETE			~~V240MT2KU~~		~~DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION~~
499)	29300.0000-30000.0000	L,R	100MG1W	Tx	69.80	25.80	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
500)	29300.0000-30000.0000	L,R	100MG7W	Tx	69.80	25.80	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
501)	29300.0000-30000.0000	L,R	44K8G1W	Tx	62.10	51.60	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
502)	29300.0000-30000.0000	L,R	44K8G7W	Tx	62.10	51.60	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
503)	28350.0000-29100.0000	L,R	100MG1W	Tx	69.80	25.80	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
504)	28350.0000-29100.0000	L,R	100MG7W	Tx	69.80	25.80	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Marlink, Inc. Change ANTENNA listed for 516, 518, 520, 522 **Call Sign:** WB36

Authorization Type: Modification of License **File Number:** SES-MOD-20200528-00575

Non Common Carrier **Grant date:** **Expiration Date:** 10/22/2026

Each of these is to be changed to V240MT2KU

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
The General Provision 1900 applies to all transmitting frequency bands.
For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
505)	28350.0000-29100.0000	L,R	44K8G1W	Tx	62.10	51.60	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
506)	28350.0000-29100.0000	L,R	44K8G7W	Tx	62.10	51.60	V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
507)	19600.0000-20200.0000	L,R	200MG1W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
508)	19600.0000-20200.0000	L,R	200MG7W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
509)	19600.0000-20200.0000	L,R	44K8G1W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
510)	19600.0000-20200.0000	L,R	44K8G7W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
511)	17800.0000-19400.0000	L,R	200MG1W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
512)	17800.0000-19400.0000	L,R	200MG7W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
513)	17800.0000-19400.0000	L,R	44K8G1W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
514)	17800.0000-19400.0000	L,R	44K8G7W	Rx			V240MTKA		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
515)	14000.0000-14500.0000	H,V	100MG1W	Tx	71.60	27.60	V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
516)	14000.0000-14500.0000	H,V	100MG1W	Tx	72.90	28.90	~~V240MTKU~~ V240MT2KU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
517)	14000.0000-14500.0000	H,V	100MG7W	Tx	71.60	27.60	V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
518)	14000.0000-14500.0000	H,V	100MG7W	Tx	72.90	28.90	~~V240MTKU~~ V240MT2KU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
519)	14000.0000-14500.0000	H,V	44K8G1W	Tx	39.50	29.00	V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
520)	14000.0000-14500.0000	H,V	44K8G1W	Tx	43.00	32.50	~~V240MTKU~~ V240MT2KU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
521)	14000.0000-14500.0000	H,V	44K8G7W	Tx	39.50	29.00	V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
522)	14000.0000-14500.0000	H,V	44K8G7W	Tx	43.00	32.50	~~V240MTKU~~ V240MT2KU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Marlink, Inc. Change antenna listed for 524, 526, 528, 530 **Call Sign:** WB36

Authorization Type: Modification of License **File Number:** SES-MOD-20200528-00575

Non Common Carrier **Grant date:** **Expiration Date:** 10/22/2026

Change each of these to V240MT2KU

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
523)	10700.0000-12200.0000	H,V	200MG1W	Rx			V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
524)	10700.0000-12200.0000	H,V	200MG1W	Rx			V240MT2KU ~~V240MTKU~~		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
525)	10700.0000-12200.0000	H,V	200MG7W	Rx			V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
526)	10700.0000-12200.0000	H,V	200MG7W	Rx			V240MT2KU ~~V240MTKU~~		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
527)	10700.0000-12200.0000	H,V	44K8G1W	Rx			V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
528)	10700.0000-12200.0000	H,V	44K8G1W	Rx			V240MT2KU ~~V240MTKU~~		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
529)	10700.0000-12200.0000	H,V	44K8G7W	Rx			V240MTKU		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
530)	10700.0000-12200.0000	H,V	44K8G7W	Rx			V240MT2KU ~~V240MTKU~~		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	10950.0000-12200.0000			05.0-05.0					4003
2)	14000.0000-14500.0000			05.0-05.0					4003
3)	10950.0000-12200.0000			05.0-05.0					TTSA900
4)	14000.0000-14500.0000			05.0-05.0					TTSA900
5)	10950.0000-12200.0000			05.0-05.0					INTV60G
6)	14000.0000-14500.0000			05.0-05.0					INTV60G
7)	10950.0000-12200.0000			05.0-05.0					INTV80G
8)	14000.0000-14500.0000			05.0-05.0					INTV80G
9)	10950.0000-12200.0000			05.0-05.0					INTV110
10)	14000.0000-14500.0000			05.0-05.0					INTV110
11)	10950.0000-12200.0000			05.0-05.0					9711QORKU
12)	14000.0000-14500.0000			05.0-05.0					9711QORKU

RADIO STATION AUTHORIZATION

Marlink, Inc.

Call Sign: WB36

Authorization Type: Modification of License
Non Common Carrier

Grant date:

File Number: SES-MOD-20200528-00575

Expiration Date: 10/22/2026

NO CHANGES ON THIS PAGE

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
13)	10950.0000-12200.0000			05.0-05.0					6006/9/12
14)	14000.0000-14500.0000			05.0-05.0					6006/9/12
15)	10950.0000-12200.0000			05.0-05.0					9797/11KU
16)	14000.0000-14500.0000			05.0-05.0					9797/11KU
17)	10950.0000-12200.0000			05.0-05.0					INTV240K
18)	14000.0000-14500.0000			05.0-05.0					INTV240K
19)	14000.0000-14500.0000			05.0-05.0					4006/9/10
20)	10950.0000-12200.0000			05.0-05.0					4006/9/10
21)	10950.0000-12200.0000			05.0-05.0					4996
22)	14000.0000-14500.0000			05.0-05.0					4996
23)	10950.0000-12200.0000			05.0-05.0					5009/10/12
24)	14000.0000-14500.0000			05.0-05.0					5009/10/12
25)	14000.0000-14500.0000			05.0-05.0					900B/FV110
26)	10950.0000-12200.0000			05.0-05.0					900B/FV110
27)	14000.0000-14500.0000			05.0-05.0					OR7-300K
28)	10950.0000-12200.0000			05.0-05.0					OR7-300K
29)	14000.0000-14500.0000			05.0-05.0					ORAL-7103
30)	10950.0000-12200.0000			05.0-05.0					ORAL-7103
31)	14000.0000-14500.0000			05.0-05.0					ORTR4-500
32)	10950.0000-12200.0000			05.0-05.0					ORTR4-500
33)	14000.0000-14500.0000			05.0-05.0					INTV65/65G
34)	10950.0000-12200.0000			05.0-05.0					INTV65/65G
35)	14000.0000-14500.0000			05.0-05.0					MITMVA120
36)	10950.0000-12200.0000			05.0-05.0					MITMVA120
37)	14000.0000-14500.0000			05.0-05.0					INTV100
38)	10950.0000-12200.0000			05.0-05.0					INTV100
39)	10950.0000-12200.0000			05.0-05.0					INTV130/G
40)	14000.0000-14500.0000			05.0-05.0					INTV130/G
41)	10700.0000-12200.0000			05.0-05.0					INTV130/G
42)	10950.0000-12200.0000			05.0-05.0					MITMVA60
43)	14000.0000-14500.0000			05.0-05.0					MITMVA60
44)	10950.0000-12200.0000			05.0-05.0					TTSA80020
45)	14000.0000-14500.0000			05.0-05.0					TTSA80020
46)	10700.0000-12200.0000			05.0-05.0					TTSA80020
47)	14000.0000-14500.0000			05.0-05.0					INTV240MK

RADIO STATION AUTHORIZATION

Marlink, Inc.

Call Sign: WB36

Authorization Type: Modification of License
Non Common Carrier

Grant date:

File Number: SES-MOD-20200528-00575

Expiration Date: 10/22/2026

change 58 & 59 to V240MT2KU

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
48)	10950.0000-12200.0000			05.0-05.0					INTV240MK
49)	14000.0000-14500.0000			05.0-05.0					INTV150NX
50)	10700.0000-12200.0000			05.0-05.0					INTV150NX
51)	14000.0000-14500.0000			05.0-05.0					INTV80e
52)	10700.0000-12200.0000			05.0-05.0					INTV80e
53)	14000.0000-14500.0000			05.0-05.0					INTV100NX
54)	10700.0000-12200.0000			05.0-05.0					INTV100NX
55)	14000.0000-14500.0000			05.0-05.0					INTV130NX
56)	14000.0000-14500.0000			05.0-05.0					V240MTKU
57)	10700.0000-12200.0000			05.0-05.0					V240MTKU 2
58)	14000.0000-14500.0000			05.0-05.0					V240MTKU
59)	10700.0000-12200.0000			05.0-05.0					V240MTKU
60)	14000.0000-14500.0000			05.0-05.0					2400KU 2
61)	10700.0000-12200.0000			05.0-05.0					2400KU
62)	14000.0000-14500.0000			05.0-05.0					INTV85NX
63)	10700.0000-12200.0000			05.0-05.0					INTV85NX
64)	14000.0000-14500.0000			05.0-05.0					TTSA600
65)	10950.0000-12200.0000			05.0-05.0					TTSA600
66)	10950.0000-12200.0000			05.0-05.0					SAT30/3011
67)	14000.0000-14500.0000			05.0-05.0					SAT30/3011
68)	10950.0000-12200.0000			05.0-05.0					3612
69)	14000.0000-14500.0000			05.0-05.0					3612
70)	3700.0000-4200.0000			05.0-05.0					4012
71)	10950.0000-12200.0000			05.0-05.0					4012
72)	14000.0000-14500.0000			05.0-05.0					4012
73)	5925.0000-6425.0000			05.0-05.0					9707/97/11
74)	5925.0000-6425.0000			05.0-05.0					INTV240
75)	3700.0000-4200.0000			05.0-05.0					INTV240
76)	3700.0000-4200.0000			05.0-05.0					9711QORC
77)	5925.0000-6425.0000			05.0-05.0					9711QORC
78)	5925.0000-6425.0000			05.0-05.0					OR7-300C
79)	3700.0000-4200.0000			05.0-05.0					OR7-300C
80)	5925.0000-6425.0000			05.0-05.0					INTV240MC
81)	3700.0000-4200.0000			05.0-05.0					INTV240MC
82)	5925.0000-6425.0000			05.0-05.0					ORAL-7108

make both V240MT2KU