Thuraya XT-PRO

Satellite phone

USER GUIDE

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ENGLISH العربية **BAHASA INDONESIA** DEUTSCH **ESPAÑOL** فارسي **FRANÇAIS** हिंदी ITALIANO PORTUGUÊS РУССКИЙ TÜRKÇE 中國語 Certification/Compliance/Warranty

Please read carefully and make yourself familiar with the safety measures and user instructions in this manual before you start using your Thuraya XT-PRO. This will help you to get the most out of your satellite phone.

For your safety

The following guidelines will help you to use your Thurava XT-PRO safely.



SWITCH ON SAFFLY

Do not switch on the phone where wireless phone use is prohibited or when it may cause interference or danger.



SWITCH OFF IN HOSPITALS

Follow any restrictions that are advised in a hospital. Switch off the phone near medical equipment.



ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



SWITCH OFF IN AIRCRAFT

Follow any restrictions.

Wireless devices can cause harmful interference to aircraft's navigation and communication systems.

Genuine accessories

Use only Thurava approved accessories for your phone.

- Only qualified personnel may install or repair this product.
- Do not short-circuit the battery. Short-circuiting the terminals may damage the battery or the connecting object.
- Do not expose to temperatures exceeding 90 degrees Celsius.
- Please be aware of dangers when using accessories which are not certified by Thuraya. Differing electrical specifications can damage your Thuraya XT-PRO, such accessories may void your device's warranty and can be potentially harmful.



- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
- DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS



















Before you start

Taking care of your Thuraya XT-PRO

The suggestions below will help you to maintain your satellite phone in good condition and to protect your warranty coverage.

- If your device gets wet, remove the battery immediately and allow the device to dry completely before replacing it. Liquids or moisture can contain minerals that can damage electronic circuits.
- Do not use or store the device in dusty or dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in very hot areas. High temperatures can shorten the life of the device and damage batteries.
- Do not store the device in very cold areas. When the device returns to its normal temperature, moisture can form inside the device and can damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Unauthorized antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices
- Always create a backup of data you want to keep (such as contacts and calendar notes) before sending your device to a service facility.

Precautions for Thuraya XT-PRO

Your Thurava XT-PRO is splash resistant, dust resistant and shock proof. To ensure proper protection, make sure the following parts are assembled properly:

USB/UDC cover











Earphone iack cover











If these parts are not attached properly, it may cause water or dust ingress resulting in a malfunction.

Before you start

Unpacking your Thuraya XT-PRO

Your package contains the following items:



Handset



Battery



Travel Charger



Earphones



Data Cable



Car Charger



Support-CD



Infosheet



User Guide & Accessory Sheet

Parts description



- SAT antenna
- 2 Volume buttons
- 8 Left soft key
- 4 Call key
- 6 Alphanumeric keypad
- 6 Navigation keys
- Selection key
- 6 Microphone
- Right soft key
- End key
- Earphone jack
- SOS button
- RF connector
- Speakerphone
- Battery release
- SIM card holder
- Data cable jack
- Charger jack

















Before you start

Turning on and connecting to the network

Press and hold of for two seconds and when the Thuraya XT-PRO is powered on, the phone will search for the network and acquire location information. If the SAT and location icons are flashing, the phone is yet to receive the location information and once the flashing stops, you will be able to make a call or send a message. Upon successful registration to the network, the phone will display the country and the signal strength.

XT-PRO home screen

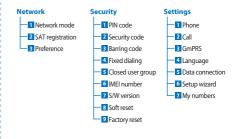


Getting started

-10 Delete messages

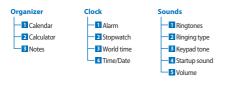
Overview of the XT-PRO menu

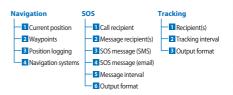




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Getting started

Calls

Making a call

To make a call, enter a phone number using the keypad or choose a saved contact and then press the **Call** key.

Receiving a call

To receive a call, press the Call key or any key on the keypad.

During a call

During a call, you can mute the call or put the call on hold from the **Options** menu.

Swapping calls

While receiving an incoming call during an already active call, select **Swap**. This will allow you to connect with up to 6 users.

Conference calls

- 1 During an active call, go to Options > New call. The first call is automatically put on hold.
- 2 Call the other user's phone number.
- 3 To add the first user into the conference call, go to Options > Conference.

You can include up to 6 users in the conference call by repeating steps 1 to 3.



Note

During a conference call, you may choose to speak with a user in private. Select the user and go to **Options** > **Private**, and then all other calls are put on hold automatically.

The Contacts menu helps you to manage your address book by saying and editing contacts on your phone.

Sending messages

Adding a contact

Contacts

- 1 To send a new message, go to Menu > Messages > New message and you may choose to send an SMS, SMS to email, or Fax.
- 1 Enter a phone number and press the Selection key. Or go to Contacts > Add contact.

Enter the message.

Deleting messages

2 Select the storing location (phone or SIM card) and phone number information.

3 Add the information of the recipient(s).

Managing Groups



An easy way to manage contacts in your contact list is to add them to a Group. This will allow you to set specific ringtones for evey Group and to send SMSs to all members of a Group. To add a contact to a Group, go to Menu > Contacts > Group > Select the group > Outions > Add.

Press the * key for symbol entry, the # key for switching between numbers and text, and **Options** > **AutoText** for predictive text entry.

Adding contacts to Speed dial

Delete messages one at a time by selecting the message and going to **Options** > **Delete**. To delete all the messages in a selected folder, go to **Menu** > **Messages** > **Delete messages**.

To add a contact to Speed dial, go to **Menu** > **Contacts** > **Speed dial**. Select the desired key and select **Options** > **Assign**.



Note

From the Contacts menu, you can also copy contacts between the SIM and phone, delete contacts, and check how much memory is available on the phone.

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Using your Thuraya XT-PRO

Thuraya Short Codes

Use these short codes to access some common services that are available on the Thuraya network (accessible only with Thuraya SIM cards).

Call services:

Service	Number	Description	
Thuraya Customer Care	100	Contact a Thuraya Customer Care representative 24 hours a day	
Thuraya Voicemail Service	123	Access your voicemail and voicemail settings	
Prepaid main menu	150	Access the prepaid main menu to recharge and find out your phone number	
Prepaid account information	151	Prepaid credit balance and validity	
Prepaid scratch card refill	160	Enter 160 [scratch card PIN code] then press the Call key	
Thuraya Free Test Call Service	11112	Allows you to check if your Thuraya XT-PRO is in working condition and if the subscription is valid	

SMS services:

Service	Number	Description
SMS Refill Service	150	Refill your prepaid account by sending an SMS to 150 in the following format: #14-digit scratch card PIN code#
Satellite locator	1300	From the navigation menu find your current position and send it by SMS to 1300 to obtain location information of the satellite.
Thuraya Call Me Back Service	1755	Send a free notification to another person to call you back. Send the number in the following format to 1755: #destination phone number#
Twitter SMS Services	1888	Send "start" by SMS to 1888 to activate the service. Once activated you can send tweets by sending an SMS to 1888. Send "Follow [username]" to follow new accounts.

USSD codes:

Service	Number	Description
Prepaid refill	*150*scratch card#	Enter *150* scratch card PIN code# then press the Call key
Prepaid billing enquiry	*151#	Enter *151# then press the Call key

Use data services by setting up your XT-PRO as a data modem. Choose either GmPRS (up to 60/15 kbps download/upload) or Circuit Switched Data (9.6 kbps):

Download the latest Thuraya XT-PRO Upgrader program (this can be found on the included CD or on the Thuraya website), which also contains the required driver for connecting your XT-PRO to a PC or laptop to use data in satellite mode.

Step 1

Run the setup file - the Upgrader program including the USB driver will be installed.

Step 2

Connect your Thuraya XT-PRO with the PC/laptop via the USB data cable and set the phone up as a data modem.

Step 3

Create a dial-up connection and in the dial-up phone number field, enter the access number *99# for GmPRS or 1722 for Circuit Switched Data.

For detailed instructions on step 2 and 3 please refer to the 'Connect your XT-PRO' manual on the CD or on the Thuraya website.

Access Point Name (APN)

There are 3 Thurava APNs available, to change the default setting, go to Menu > Settings > GmPRS > APN:

- GET (default, no compression)
- GETLC (low compression, images will be compressed)
- GETHC (high compression, images will not be downloaded)

GETLC and GETHC are designed to compress all http traffic that is routed through them. Any emails and apps that do not use http will be delivered uncompressed.





















Using your Thuraya XT-PRO

Navigation

The navigation feature on your Thuraya XT-PRO is a powerful tool that allows you to use location information in various ways. It supports GPS, BeiDou and Glonass for maximum accuracy and flexibility.

- · Find your current coordinates.
- Enter waypoints to navigate to a specific position using the electronic compass.
- Log your position on a map at a preset interval ranging from once every second to once an hour.
- Choose the navigation system you wish to use (GPS, GPS and BeiDou. GPS and Glonass).

To use the built-in compass and see the GPS sensitivity, go to **Menu > Navigation > Current position** and use the left/right navigation keys.

SOS

The Thuraya XT-PRO allows you to make an SOS call and/or send SOS messages to pre-determined recipients at the press of a button.

- Program an SOS call recipient
- Program up to 10 SOS message recipients (SMS and email)
- Include separate SOS messages for SMS recipients and email recipients
- Choose frequency of outgoing SOS Messages (every 3 minutes to every 24 hours)
- · Change the format in which your coordinates will be received

Once SOS has been set up and at least one of either SOS Call or SOS Message are checkmarked, press the SOS button on the side of the XT-PRO to activate (the SOS icon will be shown in the status bar as per your configuration). To deactivate, press the right soft key 'Stop SOS' from the home screen.



Note

Activate SOS even when the XT-PRO is switched off by pressing and holding the SOS button for 2 seconds.

The Thurava XT-PRO can be used to send your coordinates to pre-defined numbers via SMS or email at regular intervals.

- Program up to 10 message recipients (SMS and email)
- Choose frequency of outgoing messages (every 3 minutes to every 24 hours)
- Change the format in which your coordinates will be received



How to activate and deactivate tracking once it is set up:

- To activate, either long press the right soft key from the home screen or go to Menu > Tracking > Options > Start tracking (the Tracking icon will then start blinking in the status bar)
- To deactivate while in use, short press the right soft key from the home screen or go to Menu > Tracking > Options > Stop tracking

Additional features

The Thurava XT-PRO includes a variety of productivity features:

Organizer

Use the Organizer of your Thurava XT-PRO for a range of convenient features such as scheduling appointments, using the built-in calculator and writing notes.

Clock

Use the Clock menu to set the date and time, set alarms, and use the stopwatch and world time.

Call notification

Your Thuraya XT-PRO allows you to receive a notification of an incoming call even if your satellite signal is too weak to receive the call itself. This is particularly useful when the Thuraya XT-PRO is in your pocket with the antenna stowed and only has a weak signal:

- 1 Fully extend the antenna of your Thuraya XT-PRO.
- 2 Ensure that you have direct line of sight to the satellite.
- 3 As soon as the signal strength is strong enough, the warning disappears from the display. You can now accept the call as usual by pressing the Call key.



















Using your Thuraya XT-PRO

Software upgrades

A software upgrade is only required if Thuraya releases a newer software version. Before performing an upgrade please check your current software version under Security > S/W version to see if an upgrade is required.

- 1 Download and install the latest Thuraya XT-PRO upgrader file from www.thuraya.com.
- 2 Download the latest Thuraya XT-PRO software from www.thuraya.com.
- 3 Power on your Thuraya XT-PRO with a fully charged battery.
- 4 Connect the PC and the Thuraya XT-PRO using the USB cable.
- 5 Double click the Thuraya XT-PRO upgrader icon on the desktop and the program will guide you through the upgrade process.

How to plug the data cable in case of software upgrade:

Open the cover at the bottom of the phone and firmly connect the USB cable to the UDC jack. $\label{eq:connect}$



Afterwards attach the other side of the data cable to your PC.

Using your Thuraya XT-PRO

Useful tips

Function	Operation		
Keypad Lock/ Unlock	Press and hold the # key to lock the keypad. To unlock press the right soft key followed by the # key within 3 seconds.		
Silent Mode	Long pressing the * key from the home screen will switch between Silent and Normal mode.		
Checking your current location	Go to Menu > Navigation > Current position.		
Changing text input mode	Long press of the * key will switch between AutoText and Normal mode.		
Changing languages	Go to Menu > Settings > Language. In case the XT-PRO is in an unknown language, go to the Menu, and on the keypad, press the number 9 and then number 4. This will take you directly to the Language menu.		
Speakerphone	While in an active call, long pressing the # key will switch between the speakerphone and receiver.		
Call logs To see your recently called numbers pre the Call key (or go to call logs).			

Default shortcuts

The following menus can be accessed directly from the home screen using the navigation keys:



Organizer: Press the up key Contact search: Press the down key Navigation: Press the left key Messages: Press the right key

Maintaining your Thuraya XT-PRO

Your satellite phone needs to be in optimal working condition when you need it. To ensure your phone is prepared, a regular Thuraya phone test provides you with peace of mind that ensures your satellite phone is working when it is needed:

- Test your Thuraya phone regularly, especially if you have not used it for some time: dial the free number 11 11 2 from your Thuraya XT-PRO to test if it is working properly (this number can only be accessed from Thuraya SIM cards).
- Charge the Thuraya XT-PRO's battery once a month to have the phone ready when you need it.
- Check your subscription or credit balance regularly.

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Troubleshooting

Problem	Solution		
The Thuraya XT-PRO cannot connect to the network and 'No Network' is shown on the screen.	 Try to update the SAT registration by going to Menu > Network > SAT registration. Ensure the line of sight to the satellite is not obstructed by high buildings, trees, and mountains. 		
Location icon is flashing or the Thuraya XT-PRO shows 'Position too old'.	The Thuraya XT-PRO's location information is being updated. This is done automatically once the phone is powered on.		
The Thuraya XT-PRO shows 'Insert SIM'.	Check if the SIM card is dirty or damaged, and try to remove and reinsert the SIM card. Entering a wrong PUK code may deactivate the SIM card. When using a different SIM card (other than a Thuraya SIM card) in the Thuraya XT-PRO while abroad, roaming service must be enabled (please contact your Service Provider to check if roaming is active).		
The Thuraya XT-PRO becomes unresponsive or sluggish.	 Try restarting your phone. Do a reset in case your phone has a persistent problem by going to Menu > Security. Soft reset: You can reset your phone without losing your personal settings like contacts or messages. Factory reset: The factory reset will restore the settings on the phone to be as it was when shipped. Personal settings like contacts and messages will be deleted. 		
The security code has been lost or forgotten.	The factory setting of the security code is 0000. Please contact your Service Provider in case the number has been changed and was forgotten.		
The PIN/PUK codes have been lost or forgotten.	 Entering the wrong PIN code 3 times will lock the SIM card. To unlock, you must enter the PUK code. After entering the PUK code, you can set a new PIN code. In case the PUK code has been forgotten, please contact your Service Provider. 		

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Certification / Compliance / Warranty

SAR Information

Your wireless Thurava XT-PRO phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines include a substantial safety margin designed to assure the safety of all persons. regardless of age and health. The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/ kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear and body value is 0.415W/ kg and 0.627W/kg. Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.apsi. co.kr. Although not intended to support operations when body-worn (in this position the phone cannot properly receive and transmit the satellite signal therefore in this mode of operation is not practical) the use of bodyworn accessories is limited to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 1cm separation between the device, including its antenna, and your body.

FCC Compliance

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6W/kg averaged over one gram of tissue and the Thuraya XT-PRO complies with these requirements. Although not intended to support operations when body-worn (in this position the phone cannot properly receive and transmit the satellite signal therefore in this mode of operation is not practical) the use of body-worn accessories is limited to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 1cm separation between the device, including its antenna, and your body. It is not possible to acquire an FCC ID because of existing FCC regulation 25.129 (d), but the product has passed all FCC standard tests. XT-PRO also complies with FCC SAR standards. The SAR value (head) of the Thuraya XT-PRO is 0.731W/ka.



Caution

This equipment generates or uses radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made. Z W

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Certification / Compliance / Warranty

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RoHS Compliance

This product is in compliance with EU RoHS Directives and manufactured using lead-free solder paste and parts.

LIMITED WARRANTY

This Limited Warranty is provided to the original end-user purchaser (the '**Buyer**') of any new Thuraya XT-PRO Satellite Handheld Phone. This Limited Warranty is non-transferable.

Warranty Coverage and Service

Thuraya warrants all new Thuraya XT-PRO Satellite Handheld Phones (the 'Product') under normal use and wear to be free from defects in material and workmanship for a period of one (1) year from the date of purchase by the original Buyer (the 'Warranty Period'). If, under normal use and wear, the Product becomes defective in materials or workmanship and is returned at Buyer's expense to a Thuraya Authorized Service Center during the Warranty Period, the Product will be repaired or replaced, at Thuraya' sole and exclusive option, and at no charge to Buyer. Buyer will be required to provide reasonable proof of date of purchase. Reconditioned replacement components, parts, units or materials may be used if the Product is repaired or replaced. Costs incurred in the removal, de-installation or reinstallation of the Product are not covered.

THIS LIMITED WARRANTY DOES NOT COVER AND THURAYA WILL NOT BE RESPONSIBLE FOR THE FOLLOWING:

This Limited Warranty will be void in its entirety if the Product is serviced by anyone other than Thuraya or a Thuraya Authorized Service Centre. Buyer's sole and exclusive remedy shall be the repair or replacement of the defective product, as specifically described above. Thuraya neither assumes nor authorizes any Authorized Service Centre or any other person or entity to assume any other obligation or liability beyond that which is provided for in this Limited Warranty.

This Limited Warranty is conditioned upon proper use of the Product and does not cover the following:

- products or accessory equipment not manufactured or provided by Thurava
- failures or defects caused by misuse, abuse, accident, alteration, dampness, sand, unusual physical, electrical or electromechanical stress or neglect
- · unauthorized installation, removal or repair
- failure to follow instructions
- fire, flood or other nature caused accidents
- spills of food or liquids: moisture
- normal wear and tear
- scratches, dents and cosmetic damage
- · improper installation, maintenance or improper storage
- operation or repair; performance of the Product when used in combination with other products or equipment not

manufactured or provided by Thurava

 payments for labor or service to representatives or service centers not authorized by Thurava.

This limited Warranty of the Product does not cover the operation, availability, coverage, range or grade of service provided by the satellite systems."

Limitation of Liability

"THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THURAYA SHALL NOT BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, LESS REASONABLE AMOUNT FOR USE AND WEAR, OR FOR ANY INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, OR FOR ANY DELAYS, LOSS OF USE, TIME, PROFITS, REVENUE OR SAVINGS, ANY COMMERCIAL LOSS, INCONVENIENCE, MILEAGE, DAMAGE TO BUYER'S OR TO OTHER PERSON'S VEHICLE OR ANY OTHER PROPERTY, ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT, OR OTHERWISE FOR ANY FAILURE TO PERFORM.

All liability and obligations of Thuraya under this Limited Warranty shall terminate upon the expiration of the applicable Warranty Period provided herein. This Limited Warranty sets forth the entire responsibility of Thuraya with respect to the Product. There are



















Limitation of Liability

no other liabilities of Thuraya arising from the sale of the Product whether based on warranty, contract, negligence or other theories of liability. No employee, agent, dealer, representative, distributor, service partner or reseller is authorized to modify or extend this Limited Warranty or to make binding representations, whether in advertising, presentations or otherwise, in the name and/or on behalf of Thuraya regarding the Product or this Limited Warranty. In no event shall Thuraya liability exceed the cost of correcting defects as provided herein.

This Limited Warranty gives specific legal rights to Buyer, and Buyer also may have other rights which may vary from jurisdiction to jurisdiction, as this Limited Warranty does not affect the Buyer's legal rights under the relevant applicable national laws in respect of the sale of consumer goods or the Buyer's rights vis-à-vis the retail seller/dealer of the Product."

Asia Pacific Satellite communications Inc (APSI), a company duly incorporated and validly existing under the laws of South Korea, hereby declares that the Product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, Directive 2013/35/EC and EU RoHS Directives, as well as any other applicable regulations, including but not limited to those related to (i) telecommunications terminal equipment; (ii) use of hazardous substances in electrical and electronic equipment; and (iii) safety requirements in respect of electromagnetic fields which are in force in the countries listed in the Appendix A of the warranty service program for the Product at the moment this Limited Warranty is issued. In addition, the Product complies with international

standards and specifications (among others, the CE marking and the ITU GMPCS MoU mark).

C€ 0984



The crossed-out wheeled bin means that within the European Union the product must be taken to separate collection at the product end-of-life. Do not dispose of these products as unsorted municipal waste.

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Thuraya Coverage Map

This map depicts Thuraya's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.





