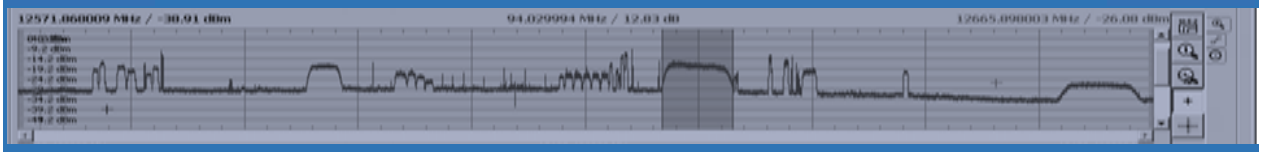
SIRRS



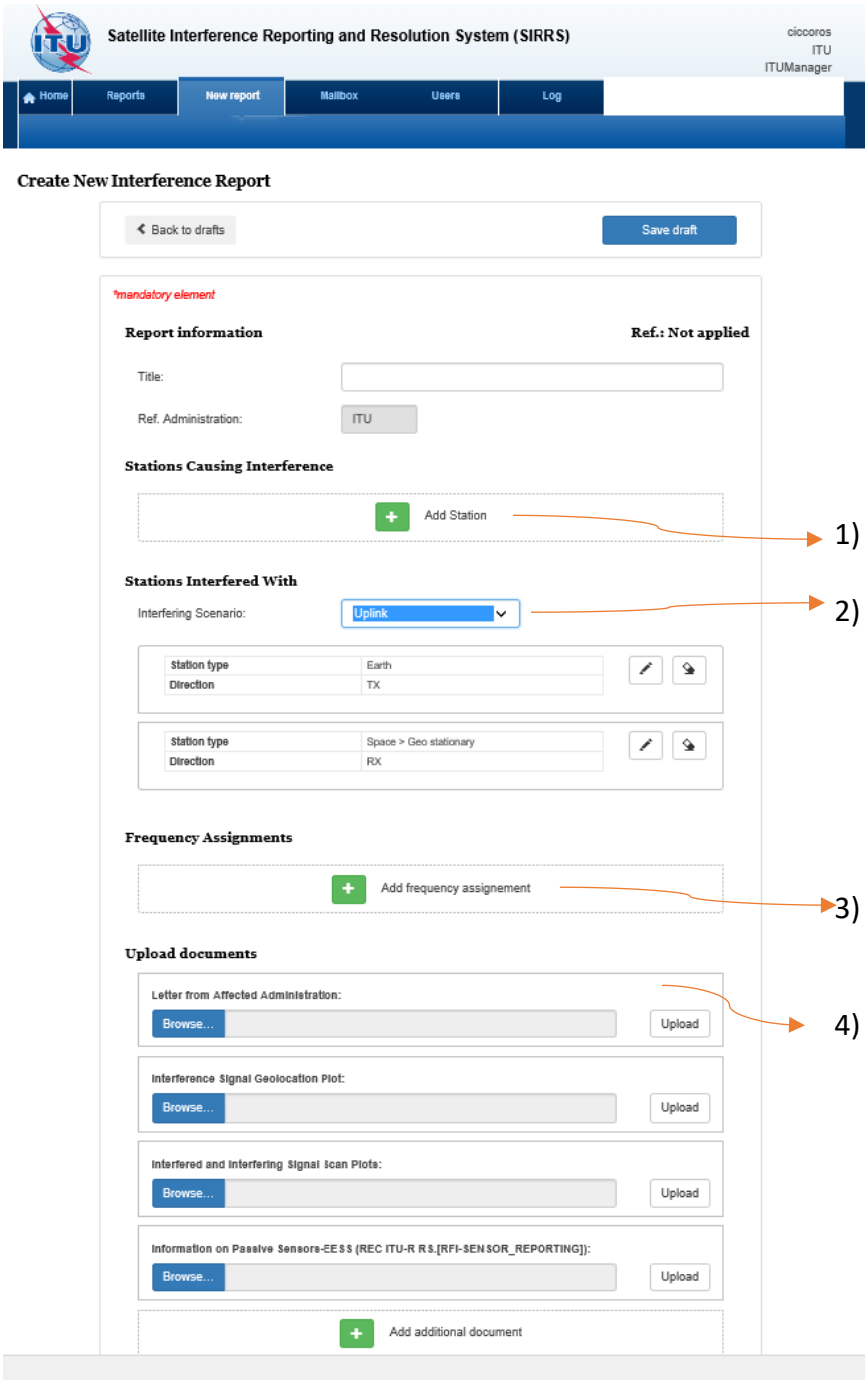
Satellite Interference Reporting and Resolution System

Quick Guide to submit a Report and Responses

V 0.3 (09.02.18)

Creating and Submitting a New Report of Harmful Interference

Once you are logged-in, go to " New Report" and enter the information describing the case. It consists of 4 steps as described below:



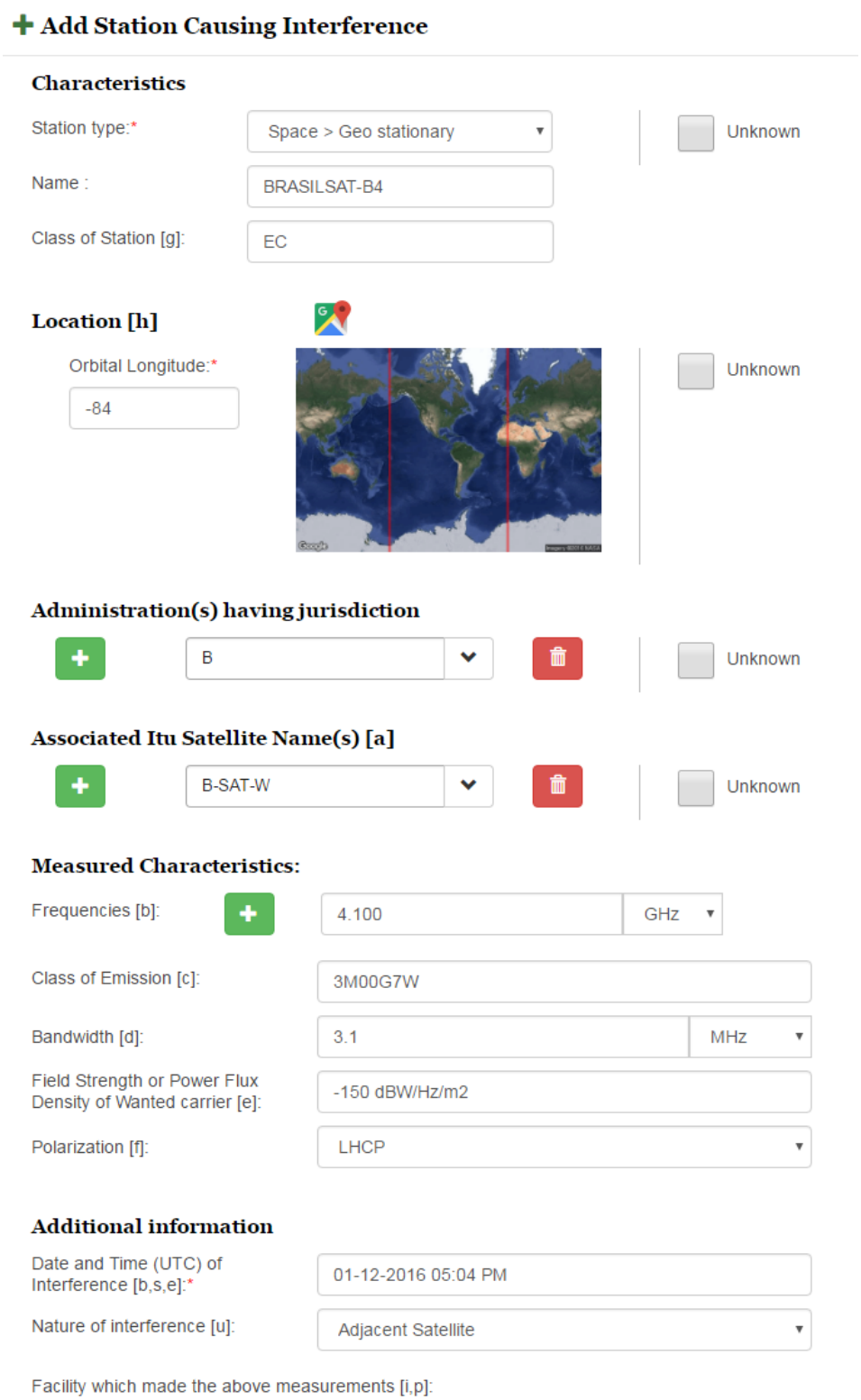
1) Station Causing Interference

2) Interference Scenario (Uplink, Downlink, RAS, EESS-Passive) and Characteristics of Station Interfered with.

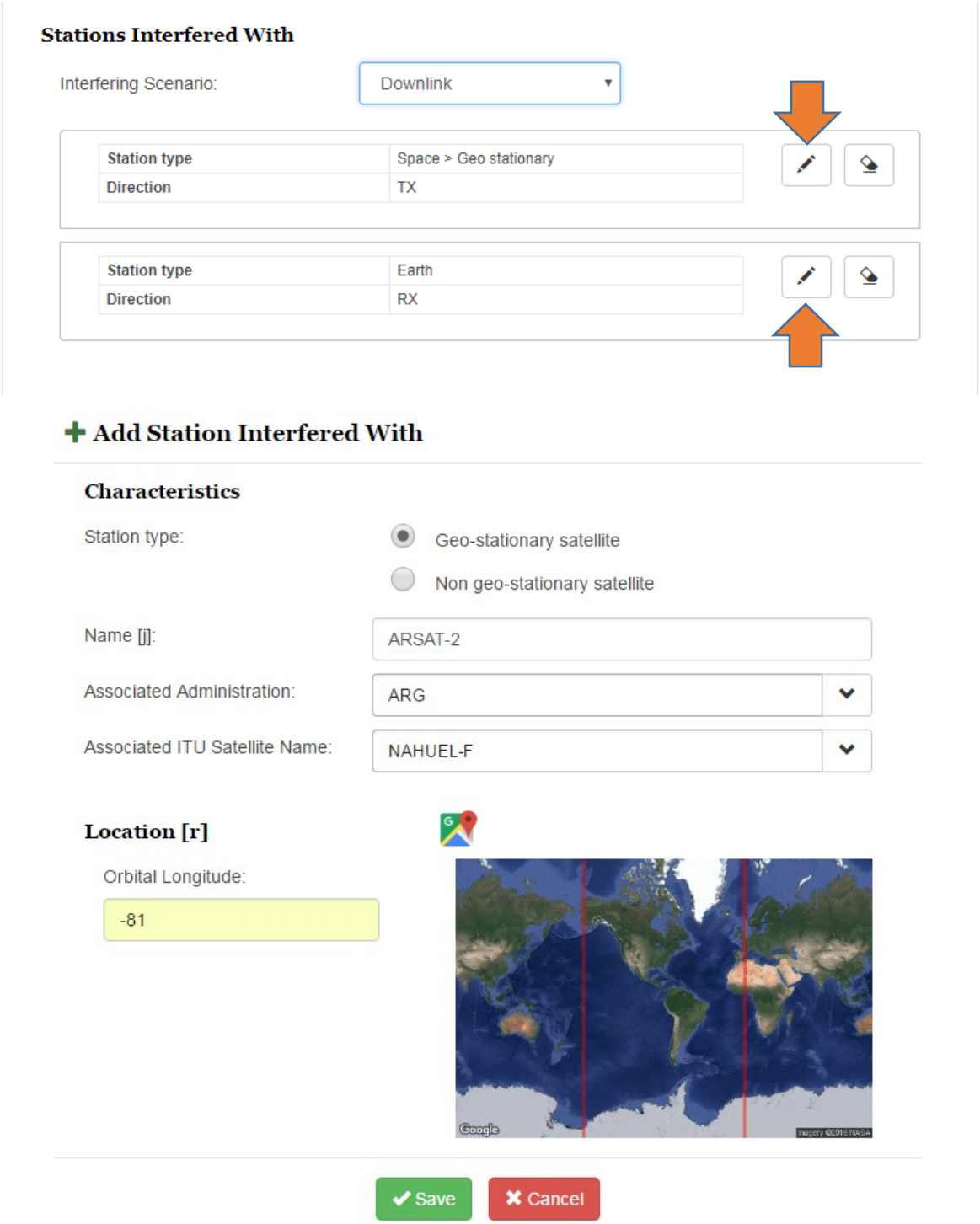
3) Affected Frequency Assignment(s)

4) Upload Documents:
-Correspondences
-Scan Plot
-Geolocation Plot
-Other Forms, Graphs, Analysis, etc
-Info on Passive Sensors in the Format of REC.ITU-R RS 2106-0 or any future REC providing supplementary information.

When you click on “Add Station Causing Interference” a new window will pop-up. Fill-in the appropriate parameters and press “Save” .



Select the “Interference scenario”, enter the parameters associated to the “ stations interfered with” and “ save” .



✚ Add Station Interfered With

Characteristics

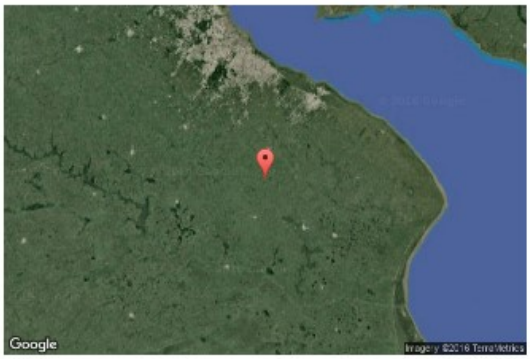
Name [g,t]: Buenos Aires

Associated Administration: ARG

Location [r]

Longitude: -58.2563

Latitude: -35.3256



✔ Save ✖ Cancel

Next, enter the characteristics of the " Affected Frequency Assignment" and "Save":

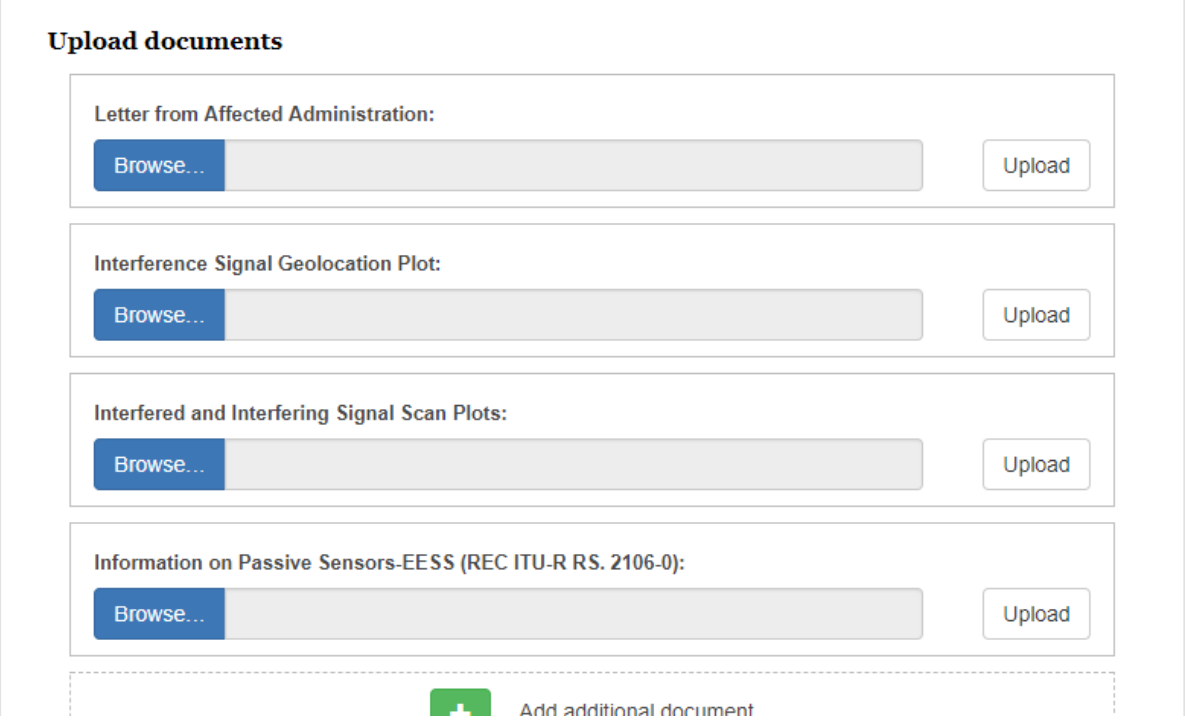
✚ Add Affected Frequency Assignement

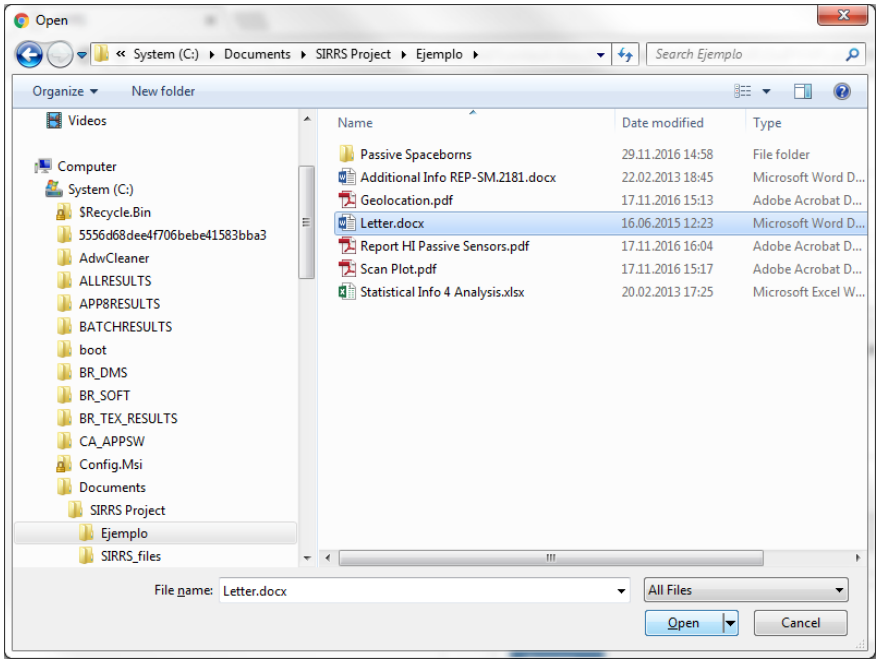
Assigned frequency [h, l]:	4.110	GHz
Bandwidth [n]:	36	MHz
Polarization [w]:	LHCP	
Nature of Service	Fixed Satellite – FSS	
Class of emission [m]:	36M0G7W	
Field Strength or Power Flux Density of Wanted carrier [e]:	-156 dbW/Hz/m2	

✔ Save ✖ Cancel

Finally, upload your letter as Affected Administration (mandatory) together with any other supplementary information (optional) and press “Save draft and continue “

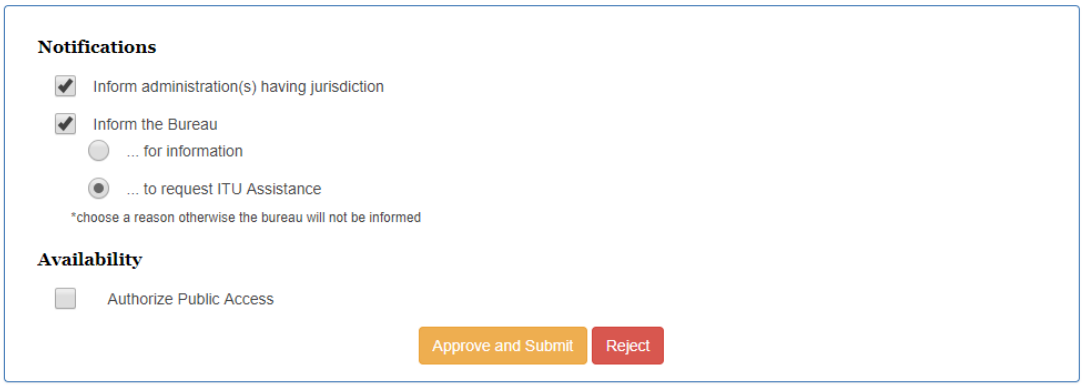
Please note that you have the possibility to enter some “Remarks” as well as “ Direct Contact Details” of a person dealing with the case in order to describe better the incident and to facilitate the identification and resolution of the interference.



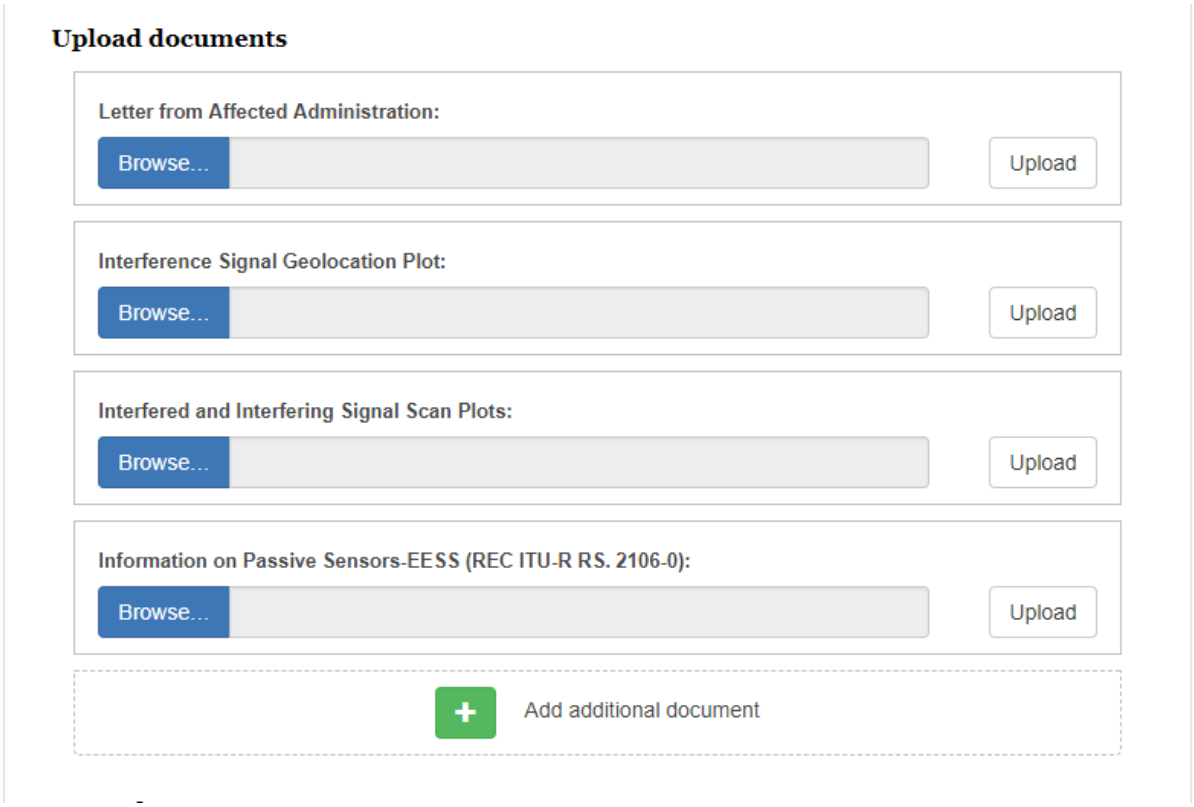


Your report has now been created and a reference Number has been assigned. You need to refer to this Case ID for future treatment.

The last step is to select the " Action" you are requesting and press " Approve and Submit"



Now the Administrations and Bureau have been informed according to your request and the report has been recorded in the ITU SIRRS Registry.

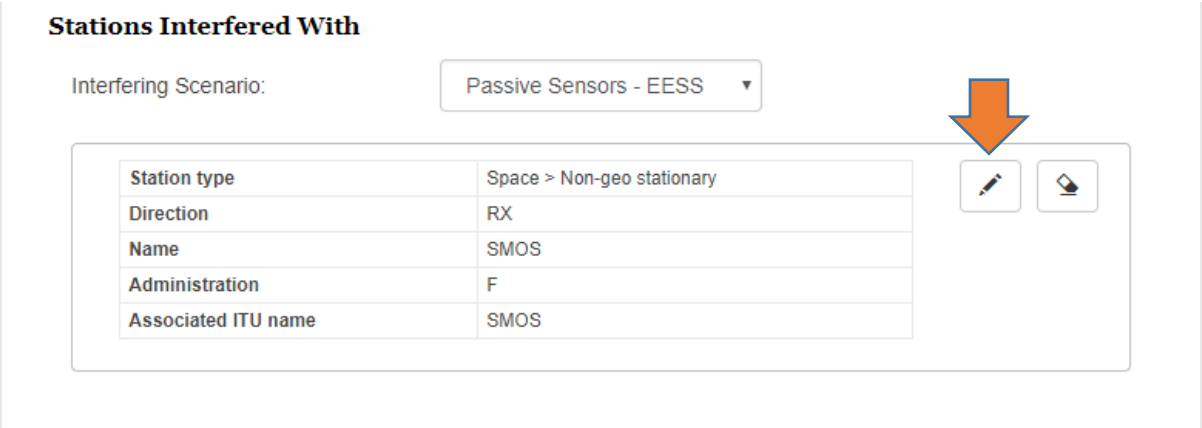


Generating and submitting a report concerning interference to Earth Exploration Satellite Service (passive sensors)

Go to Create " New Report"

In the Section " Stations Interfered with" , select " Passive Sensors-EESS" from the " Interfering Scenario" drop-down menu.

Then Edit, filled-in the appropriate parameters and save this section:



Complete the sections concerning Station Causing Interference and Affected Frequency Assignment . An example is shown below:

✚ Add Station Causing Interference

Characteristics

Station type:* Other ▾ ☐ Unknown

Custom station type:* Terrestrial Radars

Name :[a]

Class of Station [g]:

Location [h]

Longitude:*

7.91015625

Latitude:*

46.860191015

☐ Unknown

Description:

30 km uncertainty

Administration(s) having jurisdiction

\+ SUI ▾ 🗑 ☐ Unknown

Measured Characteristics:

Frequencies [b]:* + 1413.5 MHz ▾

Class of Emission [c]:

Bandwidth [d]: 27 MHz ▾

Field Strength or Power Flux Density of Interfering Carrier [e]

Polarization [f]: Other ▾

Additional information

Date and Time (UTC) of Interference [b,s,e]:* 22-01-2018 12:00 AM

Nature of interference [u]:

Type of carrier:*

- [ ] Analog Modulated Carrier
- [x] Burst Signal
- [ ] CW – Clean Carrier
- [ ] Digital Modulated Carrier
- [ ] Frequency Hoping
- [ ] Frequency sweeping

Source:*

- [ ] Cross Polarization
- [ ] Co-Channel
- [ ] Intermodulation
- [x] Unwanted emissions
- [ ] Antenna misspointing
- [ ] Adjacent Satellite Interference
- [ ] Adjacent Carrier Interference
- [ ] Malfunctioning equipment
- [ ] Insufficient cable shielding
- [ ] Reference to RR No.15.1 (unnecessary emissions)
- [ ] Other (please specify)

Facility which made the above measurements [i,p]:

Longitude:

Latitude:

✔ Save ✖ Cancel

✚ Add Affected Frequency Assignment

Assigned frequency [k, l]: 1413.5 MHz

Bandwidth [n]: 27 MHz

Polarization [w]: Other

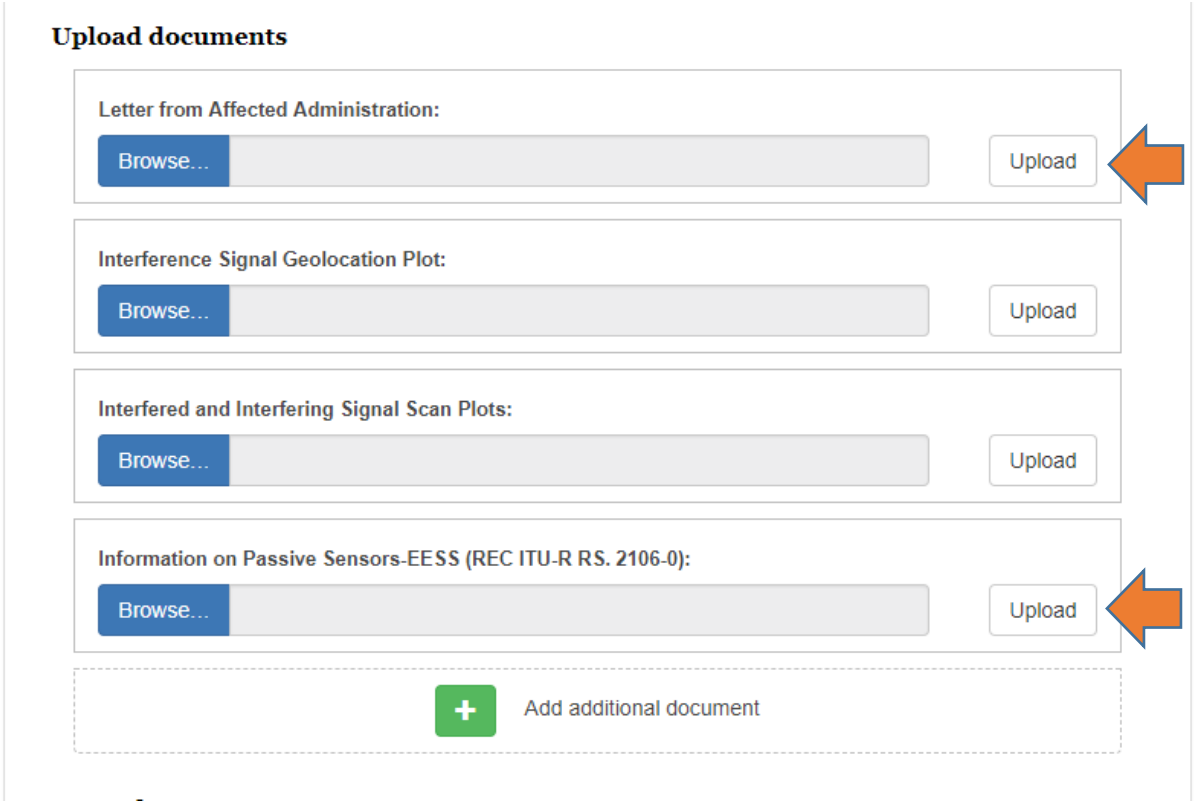
Nature of Service: Earth Exploration Satellite – EESSS

Class of emission [m]:

Field Strength or Power Flux Density of Wanted carrier [v]:

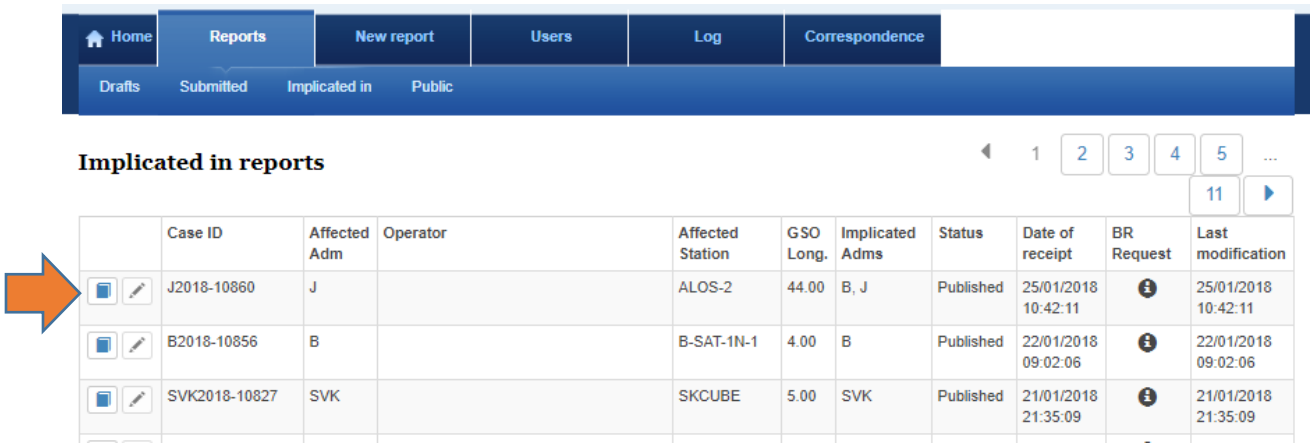
✔ Save ✖ Cancel

Finally, upload your letter and information on Passive Sensors, preferebly in the format of REC.ITU-R RS.2106-0 , and press save draft and continue like any other case.

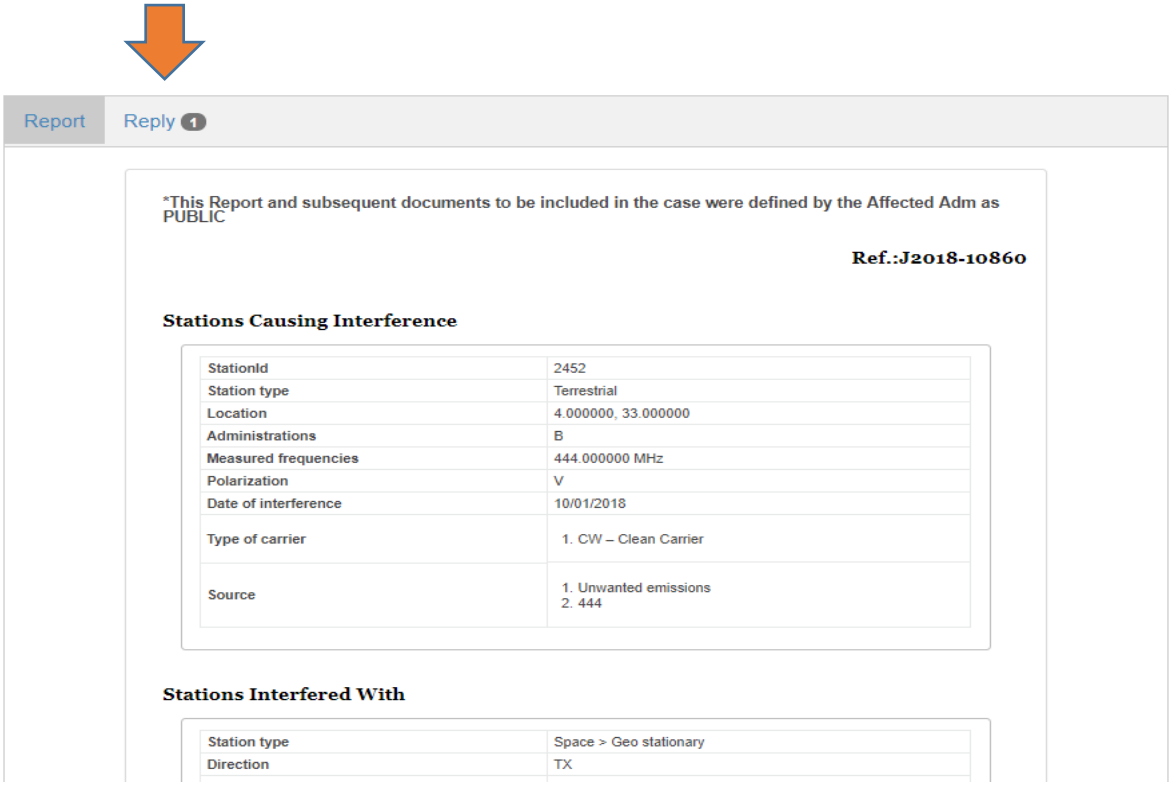


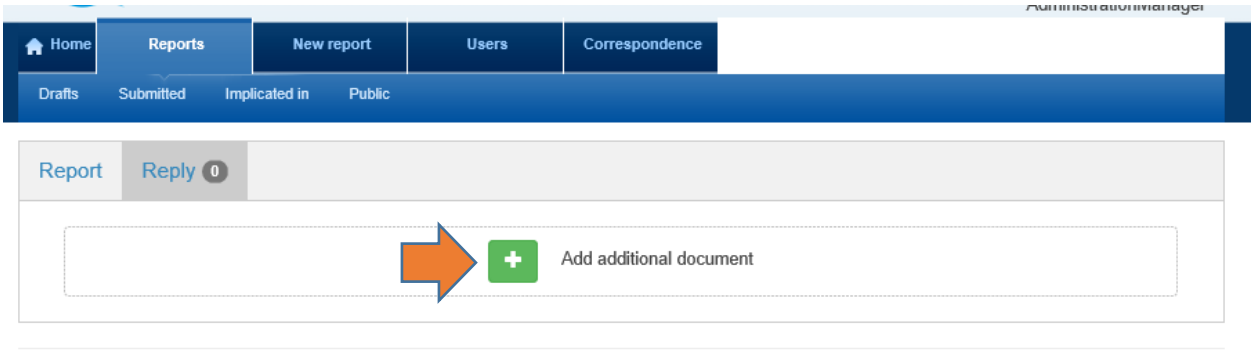
Generating and submitting a Reply , or adding a document to an already created Report

Simply go to **Reports→ Implicated In page** and open the Case:



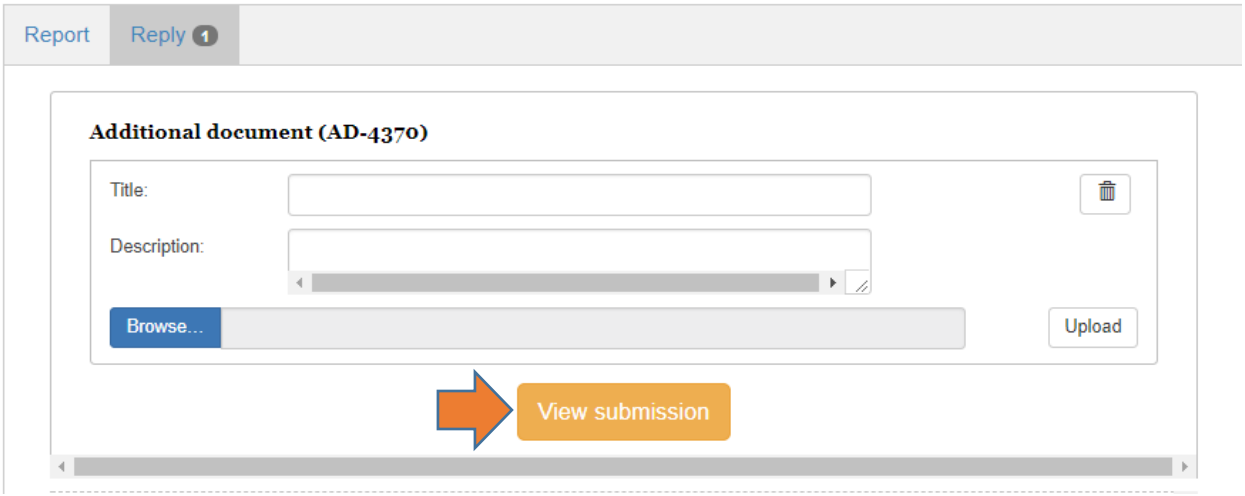
Once it is opened, click on **Reply** and **Add** additional Document:

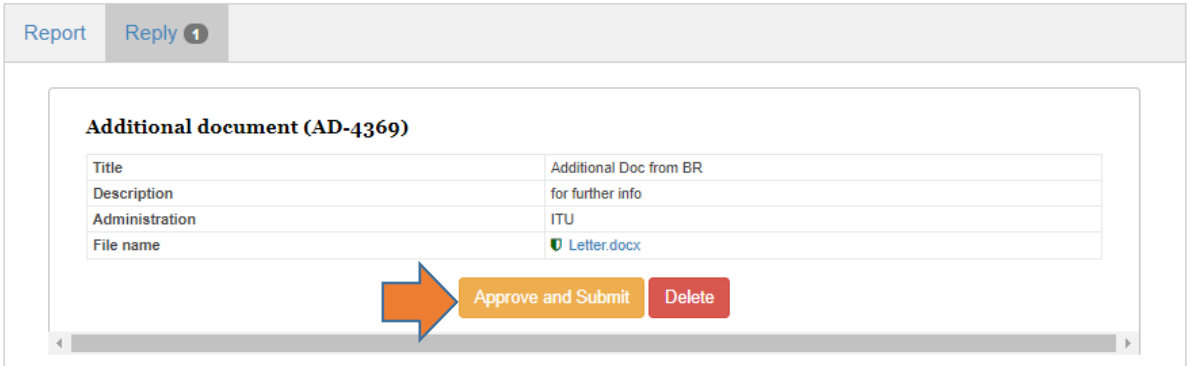




Then complete **Title and Description** and **Upload** the Document. Press **View Submission**

Finally **Approve and Submitt**





You will find your Document added to the Report and an automatic email notification is sent to the organisations implicated in the case for their information/action.