

GE06D Article 5 Conformity Examination tool

1. Notification of frequency assignments to broadcasting stations

Pursuant to Article 5 of the Agreement, when an administration is ready to bring a broadcasting station into use, not earlier than 3 months, it shall notify the Bureau of the station's technical characteristics in accordance with Article 11 of the Radio Regulations (RR). Information on the GE06 procedure under Article 5 is available at: <https://www.itu.int/en/ITU-R/terrestrial/broadcast/Pages/FMTV.aspx>.

2. GE06D Article 5 Conformity Examination tool

The GE06D Article 5 Conformity Examination tool is an unofficial examination tool that provides on-demand calculations for testing and examining the conformity of an assignment intended for notification in the Master International Frequency Register (MIFR) with the corresponding Plan entry recorded in the GE06 Plan. This tool may be used prior to the official submission of notices to the BR via [WISFAT](#), thereby reducing the likelihood of a notice being returned.

The tool is part of the eBroadcasting environment and can be accessed by users with a TIES account under eTools at: <https://www.itu.int/ITU-R/eTerrestrial/ECalculations>

The conformity examination is carried out in accordance with the procedures and provisions specified in Section II of Annex 4 to the GE06 Regional Agreement and Part A10 of the Rules of Procedure.

The results indicate whether the proposed assignment(s) for notification in the MIFR is (are) in conformity with the Plan. If, at certain test points, the implementation field strength values exceed the envelope field strength, the technical parameters may be adjusted in order to reduce the field strength in the identified azimuths. The modified notice file may then be resubmitted for calculation to verify whether the implementation field strength has been brought below the envelope limits.

3. Procedures for conformity assessment:

- Prepare and validate the input file, containing one or more notices, using [TerRaNotices](#)
- Go to [eTools - ITU](#) and select the calculation type as "GE06 Article 5 conformity Examination" then click on "New Calculation"

The screenshot displays the eTools web interface. At the top, a dark blue navigation bar contains several menu items: eTerrestrial, eMIFR, eValidation, WISFAT, eBroadcasting, eFXM(Fixed/Mobile), and ePropagation. Below this, a lighter blue bar includes eQuery, ePub, eTools (highlighted), myAdmin, eHFBC, and Dashboard. The main content area has a light blue background with a globe icon and the text 'eTools: Calculations on-demand'. Below this, there are links for 'eTools Disclaimer' and 'eTools Documentations'. A status message reads 'The processing system is currently ONLINE (28 processes available)'. A form section prompts the user to 'Please select the calculation type'. It features two dropdown menus: the first shows 'GE06' and the second shows 'GE06D Article 5 Conformity Examination'. To the right of the second dropdown is a blue button labeled 'New Calculation'. At the bottom, there is a blue bar with a 'Test Packages' link and '(click to show)' text.

- Browse for or drag and drop the input file, then click on 'Upload File' and 'Submit' buttons:

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination Back to calculation history

Job submission (click to hide)

Please label your submission :

test

Number of files in the Drop-Box: 0

1 Click to browse or drop files here (up to 15 file(s)).

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination Back to calculation history

Job submission (click to hide)

Please label your submission :

test

Number of files in the Drop-Box: 1

2.4 KB
GRC_3C_K...
Remove file

Upload File (s) Submit

Job Input Details (click to show)

2 3

- Click **“Back to calculation history”** to view the examination results. The examination may take a few minutes to complete; an email notification is sent once the examination is completed.

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination Back to calculation history New Submission

The following package has been submitted. You will receive an E-mail notification at subodh.nepal@itu.int when the calculation completes

Job Input Details (click to show)

Job Summary

Job Id	Job name
239965	test

Job Input (1 File(s))

Adm	E-notice file

GE06 GE06D Article 5 Conformity Examination New Calculation

Test Packages (click to show)

Jobs History for User: nepals

Excel PDF Print Delete Selected Job(s) Refresh all

Showing 1 to 25 of 80 entries Show 25 entries

Job Id	Job Name	Job Status	Job Type	Request Date	Start Date
239966	test	Pending	Art5_Conformity	2/6/2026 9:23:49 AM	

When the examination is running

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination New Calculation

Test Packages (click to show)

Jobs History for User: nepals

Excel PDF Print Delete Selected Job(s) Refresh all

Showing 1 to 25 of 80 entries Show 25 entries

Job Id	Job Name	Job Status	Job Type	Request Date	Start Date	Completion Date
239966	test	Success	Art5_Conformity	2/6/2026 9:23:49 AM	2/6/2026 9:23:58 AM	2/6/2026 9:24:29 AM

When the submission is successful

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination New Calculation

Test Packages (click to show)

Jobs History for User: nepals

Excel PDF Print Delete Selected Job(s) Refresh all

Showing 1 to 25 of 82 entries Show 25 entries

Job Id	Job Name	Job Status	Job Type	Request Date	Start Date	Completion Date
240103	test	Failed	Art5_Conformity	2/9/2026 7:49:22 AM	2/9/2026 7:49:22 AM	2/9/2026 7:49:22 AM

When the submission is failed due to some error in the notification: try submitting the notice file after validation in TerRaNotices.

- Click on the corresponding "Job ID" to view the details of the examination:

Please select the calculation type

GE06 GE06D Article 5 Conformity Examination New Calculation

Test Packages (click to show)

Jobs History for User: nepals

Excel PDF Print Delete Selected Job(s) Refresh all

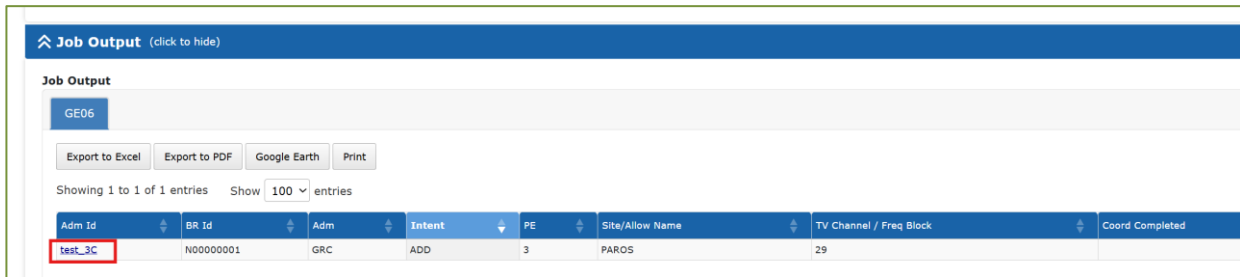
Showing 1 to 25 of 80 entries Show 25 entries

Job Id	Job Name	Job Status	Job Type	Request Date	Start Date	Completion Date
239966	test	Success	Art5_Conformity	2/6/2026 9:23:49 AM	2/6/2026 9:23:58 AM	2/6/2026 9:24:29 AM

- The corresponding notice(s) will be displayed in the entries table under "Job Output". These entries can be printed, exported to Excel or PDF, and displayed in Google Earth using the buttons provided under "Job Output":



- Click on the corresponding notice item in the list of entries to view the detailed examination results.



- Two tabs, “GE06D: ID of the station” and “Conformity Exam Results”, will be displayed. The “GE06D: ID of the station” tab shows the details of the notice:



- On “Conformity Exam Results”, various information on the proposed and existing MIFR implementation, the existing Plan entry, geometrical contours, and cut-off field-strength contour details can be found, together with information displayed on an interactive GIS map. In addition, the different field-strength values evaluated at the calculation points are clearly indicated, showing points that exceed and do not exceed the Plan interference envelope, both in tabulated form and on the GIS map.

Job Output

GE06 GE06D:test_3C Conformity Exam Results

Proposed implementation IN CONFORMITY with plan entry 106525676

MIFR Proposed/Existing implementation (click to show)

Existing Allotment plan entry (click to show)

Reference Point (click to show)

Geometrical Contours (click to show)

Cut-Off Field Strength Contour (click to show)

Overall result of the examination

Job Output

GE06 GE06D:test_3C Conformity Exam Results

Proposed implementation IN CONFORMITY with plan entry 106525676

MIFR Proposed/Existing implementation (click to show)

Adm	Geo Area	Fragment	Intent	AssignId	SFNIId	Site Name	Freq_Assign	Bdwidth	PE	Longitude	Latitude	ERP_M	ERP_V	Hgt_Asp(m)	Site_Alt	Dir	Polar	Eff_Hgt	
GE06																			

Existing Allotment plan entry (click to show)

Reference Point (click to show)

Detailed lists of the proposed and existing MIFR implementation

Job Output

GE06 GE06D:test_3C Conformity Exam Results

Proposed implementation IN CONFORMITY with plan entry 106525676

MIFR Proposed/Existing implementation (click to show)

Existing Allotment plan entry (click to show)

Reference Point (click to show)

Reference Point Δ

Longitude: 025°03'26" E Latitude: 37°03'42" N

Geometrical Contours (click to show)

All Geometrical Contours

1000 km 750 km 500 km 300 km 200 km 100 km 60 km

Cut-Off Field Strength Contour (click to show)

Cut-Off Field Strength Contour

Trigger FS (dBuV/m): 21 Rx Antenna Height (m): 10

Alt(*)	Dist (km)	Geographic Location(UTM)	FS (dBuV/m)
0	447	025°03'26" E 41°05'01" N	21.3
1	437	025°08'53" E 40°59'10" N	23.2
2	446	025°14'34" E 41°04'14" N	21.5
3	450	025°19'22" E 40°58'18" N	25.3
4	435	025°24'05" E 40°52'17" N	23.8
5	441	025°28'07" E 41°02'34" N	22.3
6	442	025°32'27" E 41°04'34" N	21.2
7	443	025°36'18" E 41°00'35" N	22.3
8	452	025°40'28" E 41°05'05" N	22.8
9	451	025°44'52" E 41°02'49" N	21.0
10	440	025°48'00" E 40°59'22" N	23.4
11	439	025°51'10" E 40°55'09" N	23.2

By clicking on any row, the location of the selected point is reflected onto the GIS

Calculation Points (click to show)

Show points which exceed envelope

Export to Excel

The field strength details at the calculation points can be exported to an Excel file.

Ad (°)	EnvelopeFS (dBuV/m)	ExceedFS (dB)
49	250.1	-0.4
54	110.8	-1.2
48	249.9	1.3
53	110.5	-1.6
48	248.5	-1.8
45	275.2	1.8
52	110.3	2.0
2/0	284.7	-2.2
47	274.1	2.3
51	110.2	-2.4
50	250.3	-2.4
51	258.7	2.6
50	270.4	2.7
50	110.0	-2.7
51	277.3	2.8
50	251.1	-3.0

By clicking on any row, the location of the selected calculation point is reflected on the GIS and clicking on a calculation point in the GIS highlights the corresponding row in the table.