

# Training Module Four: Completing the TAC Band Profile Requirements

**October 2025**

All product names, model numbers or other manufacturer identifiers not attributed to GSMA are the property of their respective owners.  
©GSMA Services LLC 2025

# An introduction to the new TAC Band Profile requirement



**MNOs now require highly detailed band performance data**

- Quadrature Amplitude Modulation (QAM)
- Multiple-Input and Multiple-Output (MIMO) for both up and down links
- Combinations Modulation (CM)
- Maximum contiguous bandwidth
- Maximum power class
- Optional modulation order.



**Online input from Data Collection Sheet provided to ease data curation**

A Data Collection Sheet has been created to allow OEMs to gather and prepare information offline BEFORE inputting the Band Profiles online prior to commencing TAC applications.



**Key rules**

All TAC applications must be accompanied by a completed Band Profile  
Brand Owners can easily modify or copy a Band Profile to create different versions for existing or future devices  
One Band Profile can be applied to multiple TAC.

# Band Profile

## 5 status options



**Draft**



**Draft** – enter your Profile Name (*Recommendation: use the Device model name*) and commence inserting the correct data. Use the SAVE AS DRAFT button when saving new updates.



**Processing**



**Processing** - when ready to submit, use the SAVE AS COMPLETE button, to commence processing. On completion an email notification is sent and the Status changes to Complete/Failed. Refresh the List of Band Profiles if the Status has not changed.



**Complete**



**Complete** – Email confirmation and Status change indicates the Band Profile is now ready to be attached to a TAC application. Further modifications to the completed Profile, is possible prior to assigning to a TAC.



**Failed**



If issues during **Processing**, users will receive an email detailing the reasons why the Band Profile **Failed** and actions to correct.

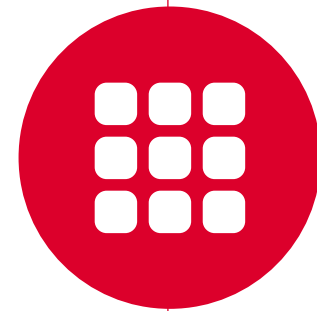


**Archive**



**Archive** a Band Profile to minimise the number of entries on List of Band Profiles, you can activate or copy to reuse in the future.

# Band Profile Abbreviations



**Tabs and Band Categories**

Tab Name	Description (Reference 3GPP TS 38.101)
5G REDCAP	5G REDCAP
5G NR	5G New Radio (NR) Standalone
5G NR 2B CA FR1	5G NR Standalone 2 Band (2B), Carrier Aggregation (CA), Frequency Range 1 (FR1)
5G NR CA SUL	5G NR Standalone CA, Supplementary DownLink (SUL)
5G NR CA FR1	5G NR Standalone Intra-band CA FR1
5G NR CA FR2	5G NR Standalone Intra-band CA FR2
5G NR CA FR1-2	5G NR Standalone Inter-band CA, between FR1 and Frequency Range 2 (FR2)
5G NR 2B CA FR2	5G NR Standalone Intra-band 2B CA FR2
5G DC CA EN-DC 2B	5G Dual Connectivity (DC) Standalone Intra-band CA contiguous E-UTRA/NR Dual Connectivity (EN-DC) 2B
5G DC CA NC EN-DC 2B	5G DC Intra-band CA Non-Contiguous (NC) EN-DC 2B
5G DC BC EN-DC FR1 2B	5G DC Inter Band Combinations (BC) for EN-DC within FR1 2B
5G DC BC EN-DC FR1 3B	5G DC Inter BC for EN-DC within FR1 3B
5G DC BC EN-DC FR1 4B	5G DC Inter BC for EN-DC within FR1 4 Band (4B)
5G DC BC EN-DC FR1 5B	5G DC Inter BC for EN-DC within FR1 5 Band (5B)
5G DC BC EN-DC FR1 6B	5G DC Inter BC for EN-DC within FR1 6 Band (6B)
5G DC BC NE-DC FR1 2B	5G Dual Connectivity (DC) Inter Band combinations for NE-DC including FR1 (Two Band)
5G DC BC NE-DC FR1 5B	5G Dual Connectivity (DC) Inter Band combinations for NE-DC including FR1 (Five Band)
5G DC BC EN-DC FR2 2B	5G DC Inter BC for EN-DC within FR2 2B
5G DC BC EN-DC FR2 3B	5G DC Inter BC for EN-DC within FR2 3B
5G DC BC EN-DC FR2 4B	5G DC Inter BC for EN-DC within FR2 4B
5G DC BC EN-DC FR2 5B	5G DC Inter BC for EN-DC within FR2 5B
5G DC IB EN-DC FR1-2 3B	5G DC Inter Band (IB) EN-DC including both FR1 and FR2 3B
5G DC IB EN-DC FR1-2 4B	5G DC IB EN-DC including both FR1 and FR2 4B
5G DC IB EN-DC FR1-2 5B	5G DC IB EN-DC including both FR1 and FR2 5B
5G DC IB EN-DC FR1-2 6B	5G DC IB EN-DC including both FR1 and FR2 6B
5G NA Options	5G Network Architecture Option
4G CA	4G Carrier Aggregation (CA)
4G CA Config	4G Carrier Aggregation (CA) Configurations
4G IB CA 2B	4G IB CA 2B
4G NC CA 2B	4G NC CA 2B
4G IB CA 3B	4G IB CA 3B
4G IB CA 4B	4G IB CA 4B
4G DC 2B	4G Inter-band Dual Connectivity (DC) 2B
4G	EUTRA / LTE / 4G
4G Cat	EUTRA / LTE / 4G Category Support (Cat)
LPWAN	Low Power Wide Area Network (LPWAN)
2G/3G	2G and 3G
Radio Interface	Other 3GPP or 3GPP2 Networks supported by the device
NTN	Satellite Orbit Connection
SATELLITE	Satellite

Source: GSMA

© GSMA 2025

# Login to your account and locate Band Profile from the Dashboard

**1** Login using your **manufacturer credentials** and **2 factor security answer**

**2** Click on **“Band Profile”** found on the navigation menu on the left. This will present you with another option in the menu to open **“Create/Update Profile”**

## Need to apply for TAC?

3GPP requires all device types that can connect to a mobile wireless network to be identifiable by a Type Allocation Code (TAC), including IoT devices, payment terminals and connected vehicles. Crucially, it's the 8-digit number that forms the first part of the 15-digit IMEI (International Mobile Equipment Identity), which uniquely identifies each individual connected device, so they can be transported around the world.

TAC / IMEI also helps enable governments to collect the correct taxes, devices to operate globally on mobile networks, and the identification of counterfeit or stolen devices.

### Registering for the first time?

Please use the button below to start the process. As there are strict rules governing TAC allocation, we suggest you also [download our training modules here](#).

**1**

### TAC Allocation Login

Username:

Password:

[Forgot Password?](#)

Use of this service is subject to relevant [Terms of Use](#)

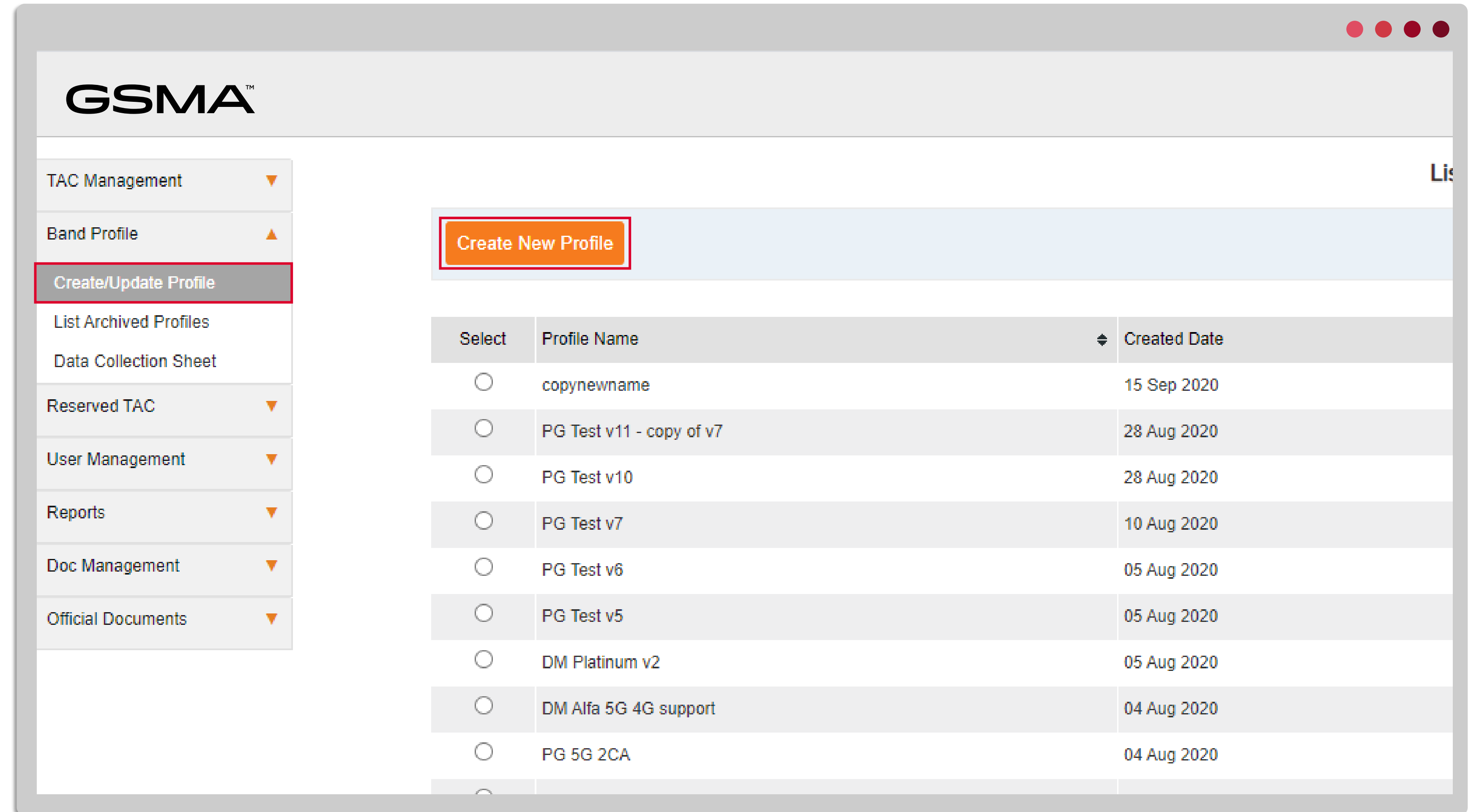
**GSMA™**

- TAC Management
- Band Profile**
- Create/Update Profile
- List Archived Profiles
- Data Collection Sheet
- Reserved TAC
- User Management
- Reports
- Doc Management
- Official Documents

Select	Profile Name	Created Date
<input type="radio"/>	copynewname	15 Sep 2020
<input type="radio"/>	PG Test v11 - copy of v7	28 Aug 2020
<input type="radio"/>	PG Test v10	28 Aug 2020
<input type="radio"/>	PG Test v7	10 Aug 2020
<input type="radio"/>	PG Test v6	05 Aug 2020
<input type="radio"/>	PG Test v5	05 Aug 2020
<input type="radio"/>	DM Platinum v2	05 Aug 2020
<input type="radio"/>	DM Alfa 5G 4G support	04 Aug 2020
<input type="radio"/>	PG 5G 2CA	04 Aug 2020

# Select Create/Update Profile

Click on the **'Create/Update Profile'** menu, on the first visit you will see this page, as you have no profiles created yet. To create a new profile click 'Create a New Profile'.



The screenshot displays the GSMA web interface. On the left, a navigation menu is visible with the following items: TAC Management, Band Profile, **Create/Update Profile** (highlighted with a red border), List Archived Profiles, Data Collection Sheet, Reserved TAC, User Management, Reports, Doc Management, and Official Documents. The main content area features a 'Create New Profile' button in an orange box. Below the button is a table with the following data:

Select	Profile Name	Created Date
<input type="radio"/>	copynewname	15 Sep 2020
<input type="radio"/>	PG Test v11 - copy of v7	28 Aug 2020
<input type="radio"/>	PG Test v10	28 Aug 2020
<input type="radio"/>	PG Test v7	10 Aug 2020
<input type="radio"/>	PG Test v6	05 Aug 2020
<input type="radio"/>	PG Test v5	05 Aug 2020
<input type="radio"/>	DM Platinum v2	05 Aug 2020
<input type="radio"/>	DM Alfa 5G 4G support	04 Aug 2020
<input type="radio"/>	PG 5G 2CA	04 Aug 2020

# The Band Profile in 5 steps

Please be careful to include ALL the Bands/Networks a device can support in your Band Profile

## Step 1

Select all **Bands supported**  
Then select all **Network Performance** values to go with each band

## Step 2

The **5G and 4G CA** bands are further categorized into the number of bands within the bands they support. For example 5G 2 bands, 5G 3 bands, 4G CA 2 bands

## Step 3

Select the **network performance** values from the dropdown list.  
The **5G Network Architecture (5G NA Options), 4G Cat and Radio Interface** are **mandatory** to be filled before saving the profile as complete

## Step 4

Use **SAVE AS DRAFT** including giving your Band Profile a recognizable profile name, i.e. the model name plus date/version control number

## Step 5

Use **SAVE AS COMPLETE** when you are ready, once your Band Profile has been successfully processed the status will move to **Complete**

# Create a New Band Profile: Step 1

1

You will now move to see all the possible bands supported across the **horizontal tabs**, commencing with 5G NR and moving down to 2G/3G.

The 5G, 4G and CA bands are further categorized into the number of the band within the bands they support.

For example 5G 2 bands, 5G 3 bands, 4G CA 2 bands, and so on. Click on the tab to see the band frequencies supported under the category.

2

1 The network performance options for **5G, 4G CA and 4G are different**

3 Use the **scroll bar** to see all the tabs

3

4

5

# Create a new Band Profile: Step 2

1

Select “Support” “Yes” or “No” for **each** band supported by a device. Once “Yes” is chosen the system will list all the sub band options within the band. example the sub bands for CA\_1A\_3A are “1A” and “3A”.

For 5G and 4G bands, please also select the respective network performance values.

2

- 1 Click on the support **Yes or No**, select Yes
- 2 When selecting Yes, the system opens the information for all Sub Bands of the band selected

- 3 Use the next column to clarify whether the network performance bands within the band have the same value or not. Click **Yes or No**

- 4 If **No**, then complete the performance values for each Band within a Sub Band. If **Yes**, you only need to complete the first row, as the other sub bands values are automatically filled

3

4

5

The screenshot shows the 'Create Profile' interface with a table of bands. The 'Support Yes/No' column for the first row (CA\_n8-n258) is highlighted with a red circle and the number 1. The 'Sub Band' column for the first row is highlighted with a red circle and the number 2. The table has columns for Band, Support Yes/No, Sub Band, Is the network performance same for all sub bands within this band, MIMO Layers in Downlink, MIMO Layers in Uplink, Supported Uplink Modulation Order, and Supported Downlink Modulation Order. The 'Support Yes/No' column has a dropdown menu with 'Yes' selected. The 'Sub Band' column has a dropdown menu with 'n8' selected. The 'Is the network performance same for all sub bands within this band' column has a dropdown menu with 'Yes' selected. The 'MIMO Layers in Downlink' column has a dropdown menu with 'No Layers' selected. The 'MIMO Layers in Uplink' column has a dropdown menu with 'No Layers' selected. The 'Supported Uplink Modulation Order' column has a dropdown menu with 'No Optional Modulation' selected. The 'Supported Downlink Modulation Order' column has a dropdown menu with 'No Optional Modulation' selected. The table has 9 rows. The first row is CA\_n8-n258, the second is CA\_n71-n257, the third is CA\_n77-n257, the fourth is CA\_n78-n257, and the fifth is CA\_n79-n257. The 'Support Yes/No' column has 'Yes' for the first row and 'No' for the others. The 'Sub Band' column has 'n8', 'n258', 'n71', 'n77', 'n78', and 'n79' for the first six rows. The 'Is the network performance same for all sub bands within this band' column has 'Yes' for the first row and 'No' for the others. The 'MIMO Layers in Downlink' column has 'No Layers' for all rows. The 'MIMO Layers in Uplink' column has 'No Layers' for all rows. The 'Supported Uplink Modulation Order' column has 'No Optional Modulation' for all rows. The 'Supported Downlink Modulation Order' column has 'No Optional Modulation' for all rows. The interface includes a 'License Required' label, an 'Enter Profile Name' field, and 'SAVE AS DRAFT' and 'SAVE AS COMPLETE' buttons.

	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	CA_n8-n258	Yes	n8	Yes	No Layers	No Layers	No Optional Modulation	No Optional Modulation
2			n258		No Layers	No Layers	No Optional Modulation	No Optional Modulation
3	CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5	CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7	CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9	CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

The screenshot shows the 'Create Profile' interface with the same table as the previous screenshot. The 'Support Yes/No' column for the first row is highlighted with a red circle and the number 1. The 'Is the network performance same for all sub bands within this band' column for the first row is highlighted with a red circle and the number 3. The 'MIMO Layers in Downlink' column for the first row is highlighted with a red circle and the number 4. The 'MIMO Layers in Uplink' column for the first row is highlighted with a red circle and the number 5. The 'Supported Uplink Modulation Order' column for the first row is highlighted with a red circle and the number 6. The 'Supported Downlink Modulation Order' column for the first row is highlighted with a red circle and the number 7. The table has 9 rows. The first row is CA\_n8-n258, the second is CA\_n71-n257, the third is CA\_n77-n257, the fourth is CA\_n78-n257, and the fifth is CA\_n79-n257. The 'Support Yes/No' column has 'Yes' for the first row and 'No' for the others. The 'Sub Band' column has 'n8', 'n258', 'n71', 'n77', 'n78', and 'n79' for the first six rows. The 'Is the network performance same for all sub bands within this band' column has 'Yes' for the first row and 'No' for the others. The 'MIMO Layers in Downlink' column has 'Two Layers' for the first row and 'No Layers' for the others. The 'MIMO Layers in Uplink' column has 'Four Layers' for the first row and 'No Layers' for the others. The 'Supported Uplink Modulation Order' column has 'QPSK' for the first row and 'No Optional Modulation' for the others. The 'Supported Downlink Modulation Order' column has 'BPSK-halfpi' for the first row and 'No Optional Modulation' for the others. The interface includes a 'License Required' label, an 'Enter Profile Name' field, and 'SAVE AS DRAFT' and 'SAVE AS COMPLETE' buttons.

	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	CA_n8-n258	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi
2			n258		Two Layers	Four Layers	QPSK	BPSK-halfpi
3	CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5	CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7	CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9	CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

# Create a New Band Profile: Step 3

Remember MNOs will use this data to ensure users of your devices have the best quality network experience

1

2

3

4

5

Select relevant supported bands and the related supporting network performance values.

Select the network performance values from the dropdown list. Some network performance columns display the default value when the Create Profile loads.

**Note:** The 5G Network Architecture (5G NA Options), 4G Cat and Radio Interface are mandatory to be filled before saving the profile as complete.

	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	CA_n3A-n77A	Yes	n3A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
2	CA_n3A-n77A		n77A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
3	CA_n3A-n78A	No	n3A		Two Layers		No Optional Modulation	No Optional Modulation
5	CA_n3A-n79A	No	n3A		Four Layers		No Optional Modulation	No Optional Modulation
7	CA_n8-n78A	No	n8		Eight Layers		No Optional Modulation	No Optional Modulation
9	CA_n8A-n79A	No	n8A		Higher than eight layers		No Optional Modulation	No Optional Modulation
11	CA_n28A_n78A	No	n28A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
13	CA_n41A-n78A	No	n41A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
15	CA_n75A-n78A	No	n75A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
17	CA_n77A-n79A	No	n77A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
19	CA_n78A-n79A	No	n78A		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Band	Support Yes/No
1 Does your device support 5G network architecture option 2 Series?	No
2 Does your device support 5G network architecture option 3 series?	Yes
3 Does your device support 5G network architecture option 5 series?	No
4 Does your device support 5G network architecture option 7 series?	No

Band	Support Yes/No	Radio Interface
1 Radio Interfaces Supported	Yes	CDMA
		3GPP2
		SATELLITE

# Create a New Band Profile: Step 4

1

2

3

4

5

The system allows you to save the profile as draft if required, **to allow the form to be completed or updated at a later time.**

Enter a meaningful Profile name and click the SAVE AS DRAFT button.

The profile name can be changed later DRAFT is **updated and/or save as complete.**

### Create Profile

	5G NR	5G NR 2 Band CA FR1	5G NR CA SUL	5G NR CA FR1-2	5G NR 2 Band CA FR2	5G DC CA EN-DC 2B	5G DC CA NC EN-DC 2B	5G DC CA NC EN-DC 3B	5G DC BC EN-DC FR1 2B	5G DC BC I
	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order		
1	CA_n8-n258	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi		
2			n258		Two Layers	Four Layers	QPSK	BPSK-halfpi		
3	CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation		
5	CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation		
7	CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation		
9	CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation		

Enter Profile Name :

**1** Enter your Band Profile name

# Create a New Band Profile: Step 5

1

2

3

4

5

Once you have entered all the supporting information, make sure you name the Band Profile before selecting 'Save as Complete'.

The system will validate the values and display a message in case there are errors which need correction.

Once you clear the errors, click on Save as Complete again. You will see the message "Band Profile Saved Successfully".

### Create Profile

5G NR   5G NR 2 Band CA FR1   5G NR CA SUL   **5G NR CA FR1-2**   5G NR 2 Band CA FR2   5G DC CA EN-DC 2B   5G DC CA NC EN-DC 2B   5G DC CA NC EN-DC 3B   5G DC BC EN-DC FR1 2B   5G DC BC EN-DC FR1 2B

	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	CA_n8-n258	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi
2			n258		Two Layers	Four Layers	QPSK	BPSK-halfpi
3	CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5	CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7	CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9	CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Enter Profile Name :

**1** Enter your Band Profile name

**2** Save as either DRAFT or COMPLETE

# Create a New Band Profile Step 5

1

2

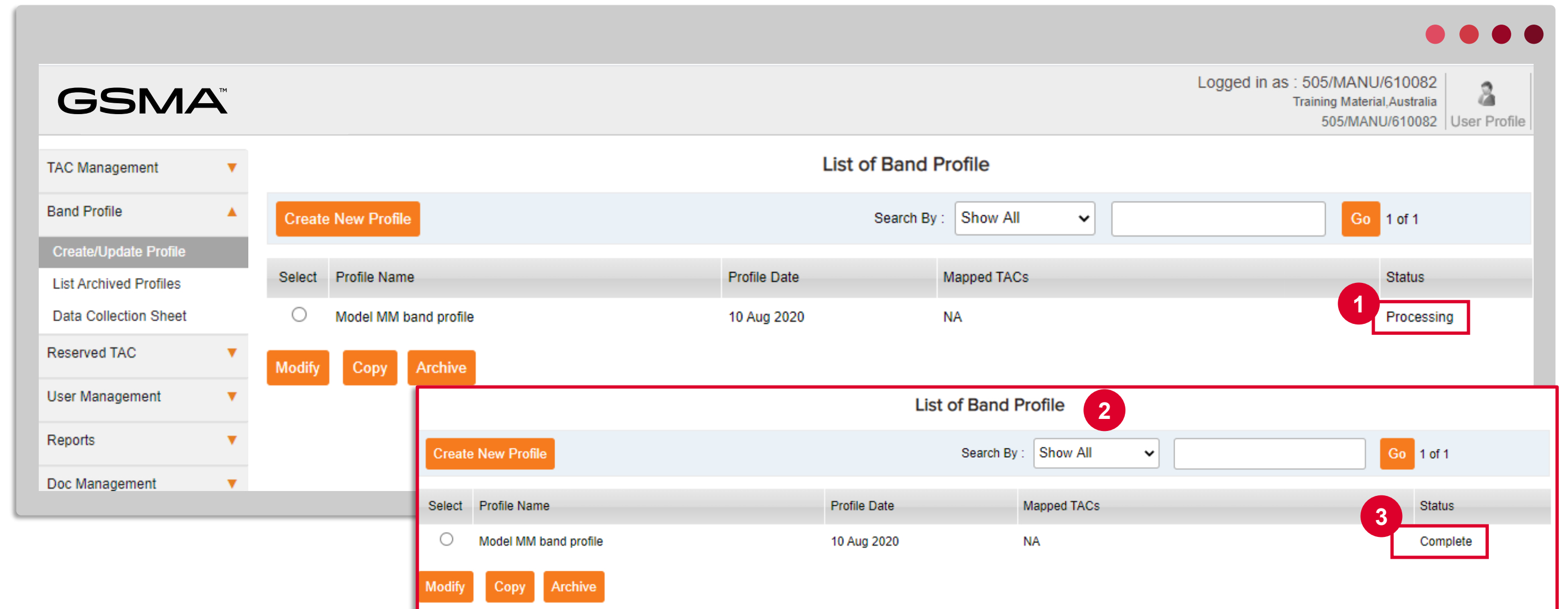
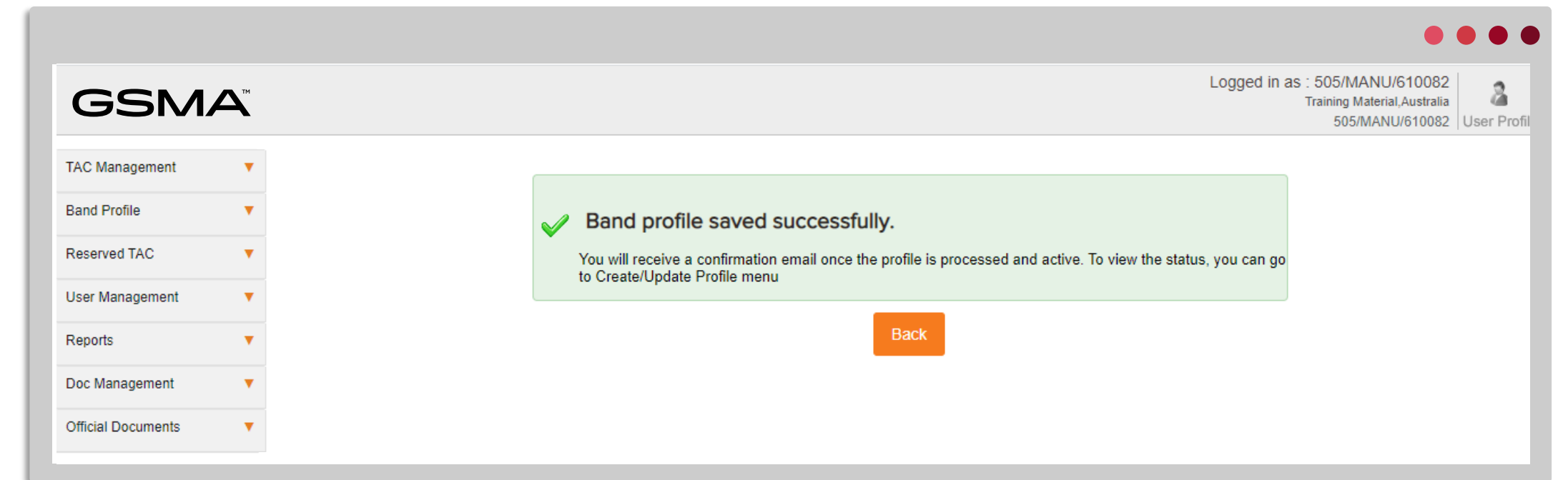
3

4

5

Once the profile is saved as complete, the system will process the profile data to store them in an organised data format. This will take a couple of minutes. Until such time, the status of the profile will display 'Processing'.

Once the processing is complete, the status of the profile will change to 'Complete'. The profile is now ready to be attached to a TAC application.



1 Profile under "Draft" or "Processing" status cannot be attached to a TAC application

2 The **List of Band Profile** after successful processing of the profile

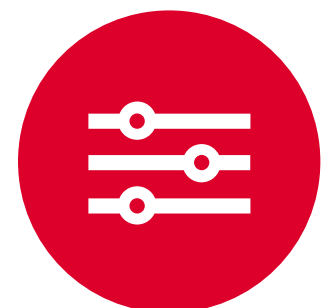
3 The Status of a successfully processed profile changes to Complete

# Attaching a Band Profile to a TAC Application



**Band Profile created is for a new TAC**

Create and complete a Band Profile **BEFORE** you start the TAC Application process as you cannot save a draft TAC Application Form once you have started. To avoid any duplication of effort, the Band Profile should be prepared **FIRST** and then you can link **Band Profile to the TAC Application** in the correct manner. *(Recommendation: Review TAC Training Module 5: Completing the TAC Allocation Request Form).*



**Band Profile for existing TAC needs to be updated**

A Band Profile already assigned to a TAC is required to be updated. Select the Band Profile from the List of Band Profiles and then select the **MODIFY** button to make your changes. Then select **SAVE AS COMPLETE**, once processing is Completed, you will then need to **Edit TAC** and map the updated profile so the new changes are applied to the TAC.

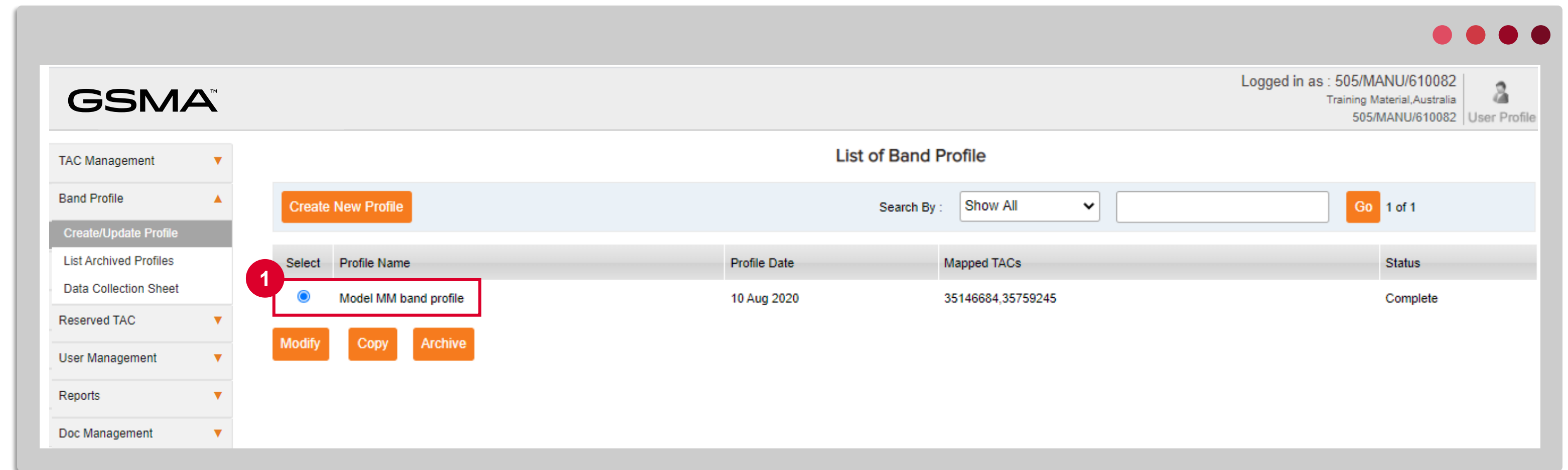
# How to Copy a Profile

Remember to name the Band Profile consistently, we suggest using the Model Name & ISO date format, YYYYMMDD

Create a copy/duplicate Band Profile by copying the details from an existing Profile; then make any required changes, i.e. add new bands, adjust band support, network performance changes, etc. Save with new Band Profile name.

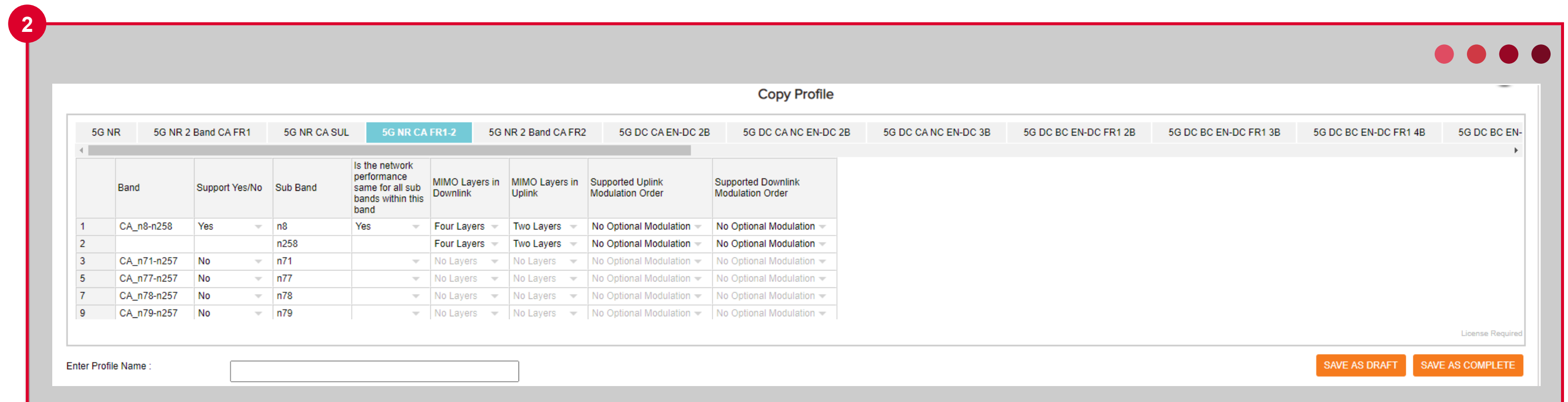
Copy profile will be useful where you are applying for models that closely match with each other but with few differences.

The original profile will remain as is.



**1** To copy a profile, select an existing profile and click copy

**2** The system will open the profile window with all the band information of the selected profile displayed. Make the changes, provide a new profile name and Save as complete.



# How to Modify a Complete Band Profile

The Modify profile screen is similar to the Create profile but with the supported values already selected

- 1 Select the relevant Band Profile and **click Modify.**

**Note:** Where the Band Profile is not mapped to a TAC application, you can modify the profile and save in the same name.

- 2 Where the Band Profile is mapped to a TAC, as per this example, you must provide an updated or new **Profile name.**

After successfully modifying the profile, you need to **complete the Edit TAC process** and attach the **new profile to the existing TAC or new TAC as required.**

GSMA™

Logged in as : 505/MANU/610082  
Training Material, Australia  
505/MANU/610082 User Profile

List of Band Profile

Create New Profile Search By : Show All Go 1 of 1

Select	Profile Name	Profile Date	Mapped TACs	Status
<input checked="" type="radio"/>	Model MM band profile	10 Aug 2020	35146684,35759245	Complete

Modify Copy Archive

Modify Profile

Profile Name : Model MM band profile

Note: The changes made to the profile will not change the TAC or application details. You need to Edit TAC/application and map the updated profile so the new changes are applied to the TAC/application

5G NR	5G NR 2 Band CA FR1	5G NR CA SUL	5G NR CA FR1-2	5G NR 2 Band CA FR2	5G DC CA EN-DC 2B	5G DC CA NC EN-DC 2B	5G DC CA NC EN-DC 3B	5G DC BC EN-DC FR1 2B	5G DC BC EN-DC FR1 2B	5G DC BC EN-DC FR1 2B	5G DC BC EN-DC FR1 2B	5G DC BC EN-DC FR1 2B
	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Support						
	n8	Yes	Two Layers	Two Layers	BPSK-halfpi	BPSK						
	n258		Two Layers	Two Layers	BPSK-halfpi	BPSK						
	n71	Yes	Two Layers	Two Layers	No Optional Modulation	No Opti						
	n257		Two Layers	Two Layers	No Optional Modulation	No Opti						
	n77		No Layers	No Layers	No Optional Modulation	No Opti						
	n78		No Layers	No Layers	No Optional Modulation	No Opti						
	n79		No Layers	No Layers	No Optional Modulation	No Opti						

Enter New Profile Name : Model MM Xs

SAVE AS DRAFT SAVE AS COMPLETE



# How to Archive a Band Profile

Archiving a Band Profile will not impact the TAC which it has already been successfully mapped to

Band Profiles no longer needed for new devices (TAC applications) can be **archived**. Archiving a Profile will remove it from the List of Band Profiles so it will not be listed as available under Band Profiles in the TAC application.

To view the archived profile, return to the left navigation and select List Archived Profiles.

- 1 Select the Band Profile from the List and **click 'Archive' button**, you will receive a successfully archived message.

List of Band Profiles

Create New Profile Search By: Show All Go

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status
<input type="radio"/>	202008194Fossil Group Inc	19 Aug 2020		NA	Complete
<input checked="" type="radio"/>	202008191Fossil Group Inc	19 Aug 2020		NA	Complete
<input type="radio"/>	Model X v2	03 Aug 2020		35275134	Complete
<input type="radio"/>	Model Mx	03 Aug 2020		00440314,35230311	Complete
<input type="radio"/>	Model X	03 Aug 2020		35981259	Complete
<input type="radio"/>	Tx Phone	03 Aug 2020		35267715	Complete
<input type="radio"/>	T Phone Profile	03 Aug 2020			

Modify Copy Archive

Band profile archived successfully. Back

List of Archived Band Profiles

Search By: Show All Go

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status
<input type="radio"/>	202008191Fossil Group Inc	19 Aug 2020	16 Sep 2020	NA	Archive

Activate Copy 10 per page << First < Prev 1 of 1 Next > Last >>

# Activating an Archived Profile

Archiving a Band Profile will not remove or impact any of the TACs mapped to the Profile, but it will mean the Profile is not available for attaching to new or edited TAC applications and it will be removed from the main dashboard, to reduce clutter.

To change the Archive status, select the ACTIVATE button. The profile will now be active and re-appear on the main dashboard and be available for attaching to TAC applications.

The screenshot shows the GSMA web interface. The sidebar on the left contains navigation options: TAC Management, Band Profile, Create/Update Profile, List Archived Profiles (highlighted with a red box and callout 1), Data Collection Sheet, Reserved TAC, User Management, Reports, Doc Management, and Official Documents. The main content area is titled 'List of Archived Band Profiles' and features a search bar with a 'Go' button. Below the search bar is a table with columns: Select, Profile Name, Created Date, Last Modified On, Mapped TACs, and Status. The table contains four rows of archived profiles. The first row, 'PG Test v4', is highlighted with a red box and callout 2. Below the table are 'Activate' and 'Copy' buttons, with callout 3 pointing to the 'Activate' button. The bottom right of the interface shows pagination controls: '10 per page', '<< First', '< Prev', '1 of 1', 'Next >', and 'Last >>'.

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status
<input checked="" type="radio"/>	PG Test v4	10 Aug 2020		35440820,35219326,35676273,35693496	Archive
<input type="radio"/>	TS Draft	04 Aug 2020		NA	Archive
<input type="radio"/>	PG 5G 2CA	04 Aug 2020		NA	Archive
<input type="radio"/>	DM Platinum	04 Aug 2020		NA	Archive

- 1 To activate a profile that has been archived, navigate to the List of Archived Profiles
- 2 Select the profile you wish to activate
- 3 Click activate

# Edit allocated TAC after you have completed a Band Profile modification

You must complete a edit TAC application and attach the modified or new Band Profile in the application process.

Select affected TACs within the application or select the specific TAC that should be updated to reflect the new Band Profile information.

You can also update other details of the TAC in addition to attaching a new band profile.

Select the TACs to Modify - 4

Select All

35219326  35440820  35676273  35693496

Applicant Name: Mr IMEI Applicant

Applicant Email: qa\_testing@venusgeo.com

Brand Name: GSMA Dummy

Equipment Type: Smartphone

Model Name: Paul G 6

Marketing Name: Paul G 6

Does your device support removable UICC?  Yes  No

Does your device support removable eUICC?  Yes  No

How many removable UICC does the device support: 2 UICC

How many removable eUICC does the device support: 0 eUICC

Does your device support Non removable UICC?  Yes  No

Does your device support Non removable eUICC?  Yes  No

**Note**

- Applicant Name - Accepts characters a-z, upper or lower case, dot and space only
- The maximum quantity of eUICC/UICCC supported by the modem must be provided on the TAC Application form. The maximum quantity of IMEI used in the Modem must be provided on the TAC application form.
- Model Name, Marketing Name fields comply to the following rules.
  - Accepts Alphabets a-z [upper,lower].
  - Accepts numbers [0-9].
  - Accepts special characters ( ) + - \_ . : ; \ : [ ] { } / ' .
  - Accepts only ASCII Characters.
  - Length shall be less than 50 Characters.
  - Shall not contain leading or trailing spaces.
  - Shall not contain consecutive spaces and special characters.
  - Shall contain alphabets or numbers.
  - Shall not start with ) '\ \ /

**1** Select only the TACs whose information need to change

# Edit TAC

Go to the **Band Profile** section, indicate 'Yes' to change the **Band Profile** for the relevant TAC(s)

The list of available Band Profiles will be listed. **Indicate the band profile** that needs to be attached/adjusted to the relevant TAC(s)

- 1 Indicate Yes to attach a new Band Profile
- 2 Indicate the Band Profile from the list of available profiles

Edit TAC Application Form

DEVICE DETAILS MANUFACTURING DETAILS OS **BAND PROFILE** DEVICE CERTIFICATION BODIES REVIEW

Selected TACs

35219326  35440820  35676273  35693496

The TAC application is not mapped to any band profile

Do you want to make changes to the bands  Yes  No

Previous Next

1

Edit TAC Application Form

DEVICE DETAILS MANUFACTURING DETAILS OS **BAND PROFILE** DEVICE CERTIFICATION BODIES REVIEW

Selected TACs

35219326  35440820  35676273  35693496

The TAC application is not mapped to any band profile

Do you want to make changes to the bands  Yes  No

Select the Band Profile supported by the device

Select	Profile Name	Profile Date	Mapped TACs	Status
<input checked="" type="radio"/>	PG Test v7	2020-08-10 09:32:44.281	NA	<a href="#">View Bands</a>
<input type="radio"/>	PG Test v6	2020-08-05 04:59:27.076	NA	<a href="#">View Bands</a>
<input type="radio"/>	PG Test v5	2020-08-05 04:53:36.465	35538014	<a href="#">View Bands</a>
<input type="radio"/>	DM Platinum v2	2020-08-05 00:04:59.596	35271773	<a href="#">View Bands</a>
<input type="radio"/>	DM Alfa 5G 4G support	2020-08-04 23:55:42.494	NA	<a href="#">View Bands</a>
<input type="radio"/>	PG 5G 2CA	2020-08-04 06:42:01.771	NA	<a href="#">View Bands</a>

Previous Next

2

# Edit TAC

Complete the other details of the Edit TAC application and submit.

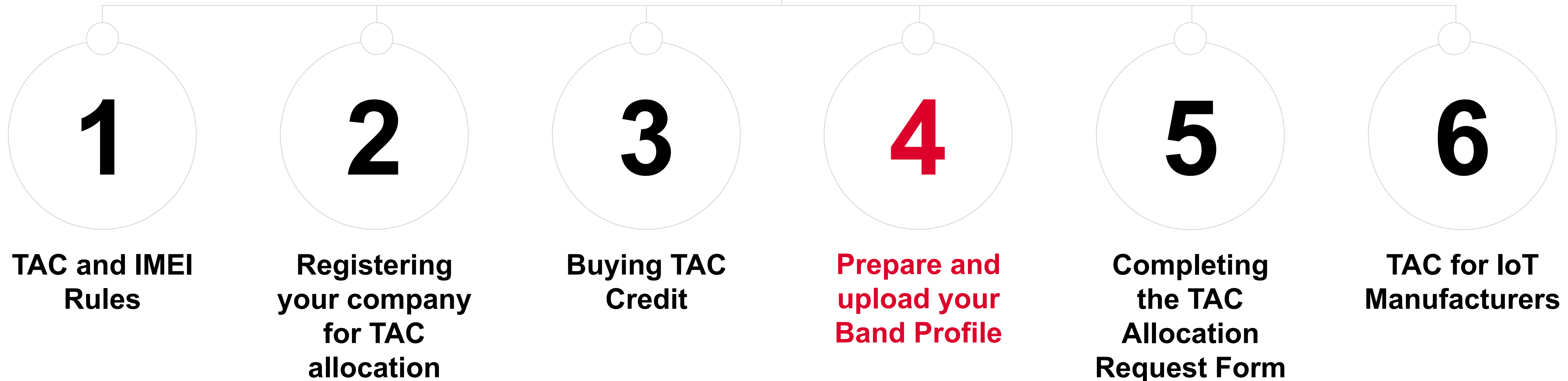
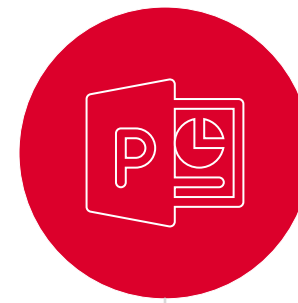
The Edit application will then be processed. Once approved, the new TAC certificate will be sent to the email of the registered main contact.

In the List of Band Profile you will then see the new band profile mapped to the selected TACs in the Edit application.

Select	Profile Name	Profile Date	Mapped TACs	Status
<input type="radio"/>	Ap	19 Aug 2020	NA	Failed
<input type="radio"/>	20200811	18 Aug 2020	NA	Complete
<input type="radio"/>	202008184	18 Aug 2020	35531428,35742291,35961081,35349061,35740588	Complete
<input type="radio"/>	FinalChecking111	18 Aug 2020	NA	Complete
<input type="radio"/>	FinalChecking	18 Aug 2020	NA	Complete
<input type="radio"/>	Radio Interface (Test 3)		NA	Complete
<input type="radio"/>	2G/3G (Test 3)		NA	Complete
<input checked="" type="radio"/>	4G Cat (Test 3)	18 Aug 2020	35071745,35291690	Complete
<input type="radio"/>	4G (Test 3)	19 Aug 2020	NA	Complete
<input type="radio"/>	4G DC 2B (Test 3)	18 Aug 2020	NA	Failed

**1** The two TACs selected in Edit TAC are now mapped to a different band profile

# ***This document is part six of six TAC training modules***



# GSMA TAC Allocation Service

[www.gsma.com/tac](http://www.gsma.com/tac)

**TAC support:**  
[tac@gsma.com](mailto:tac@gsma.com)  
+1 408 617 8959

