



WP 6A ▶ DTTB Questionnaire: Respond to this Survey

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1 a) What standards have you adopted for digital terrestrial broadcasting ?

DVB-T2

1 b) Have you started introduction of digital terrestrial television services ? *

Yes

No

1 c) If 'Yes', please provide further details on the number of multiplexes in use, their technical specifications, the percentage of geographic area or population they are intended to cover and the total spectrum use to inform WP 6A.

A proposed format for detailed responses is provided in Annex 1 (see file DTTB-Q-A1.docx under QUESTIONNAIRE in the WP 6A Share Folder).

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2 a) Have you commenced analogue television switch-off ?

Yes

No

2 b) If you have any such plans, when do you expect to have completed the analogue switch-off process ?

3 a) What is the percentage of viewer uptake of terrestrial television in your country, including those whose service provider uses terrestrial broadcast re-transmission (e.g. in cable networks)?

approximately 50%

3 b) If possible, please also provide details of the number or proportion of users who receive television primarily by terrestrial means.

4 a) Indicate how many analogue television transmitters use channels in the frequency sub-band 694-790 MHz (as indicated in Resolution 232 (WRC-12)).

approximately 16 analog television transmitters including both main stations and gap-filler stations

4 b) How many are in the remaining part of the UHF band ?

approximately 86 analog television transmitters including both main stations and gap-filler stations

5 a) What frequencies/channels are currently used or intended to be used by digital terrestrial television broadcasting in your country? Please distinguish between those in use and those intended to be used.

Before analog switch-off, Thailand plans to use the frequency band 510-790 MHz. However the frequencies/channels might be changed after analog switch-off depending on the policy.

5 b) If allotments/SFNs are in use, a sketch map of frequency allocations could be included, with an accompanying table of allocations, as shown in Annex 2 (see file DTTB-Q-A2.docx under QUESTIONNAIRE in the WP 6A Share Folder). Otherwise, it might be possible to show main transmitters and channels, grouped in layers, in a table.

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Currently the frequency plan is under developing.

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5 c) Please indicate how many digital television assignments/allotments use channels in the frequency sub-band 694-790 MHz (as indicated in Resolution 232 (WRC-12), and

Currently the frequency plan is under developing.

5 d) How many are in the remaining part of the UHF band ?

Currently the frequency plan is under developing.

6 a) Are those frequency bands also shared with other primary services?

- Yes
 No

6 b) If yes, please give details of those systems and their spectrum use.

7 a) Are those frequency bands also shared with secondary services such as PMSE, radioastronomy or wind-profile radar?

- Yes
 No

7 b) If yes, please give details of those systems and their spectrum use.

8 a) Do you foresee the adoption or expansion of television services broadcast using second-generation systems such as DVB-T2 ?

- Yes
 No

8 b) If yes, please give indicative details of the planned transition, including any simulcast period.

According to the digital roadmap of Thailand, we expect the implementation of digital television network early next year in parallel with the existing analog network.

9 a) Do you foresee a requirement for new and enhanced services, including HD and 3D television, on the terrestrial television platform?

- Yes
 No

9 b) If yes, please give indicative details of the number and nature of services planned, and if known, the expected timeframe for their introduction.

NBTC plans to award the television service licenses for both SD and HD services. We expect the commercial broadcasters to start their service in the middle of 2013.

10 a) Are there plans in your country to launch more multiplexes in the future ?

- Yes
 No

10 b) If yes, how many more and when? Please also indicate the expected timeframe for their introduction.

4 Multiplexes during the simulcast period (using mainly MFN), and 6 or more multiplexes after analog switch-off (using both MFN and SFN)

11 What is the amount of spectrum you foresee that will be required for terrestrial television broadcasting, if plans in Questions 8, 9 and 10 are to be supported, and services identified in Questions 6 and 7 are to be taken into account? Please indicate the modes of transmission that will be used, and timeframes. If appropriate, a suggested form to express these requirements is shown in Annex 3 (see file DTTB-Q-A3 under QUESTIONNAIRE in the WP 6A Share Folder).

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Thailand cannot give such number for the time being since we are still developing the frequency plan for digital terrestrial television broadcasting and also doing the demand forecast for digital television services

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12. Please provide the following information:

- a) Name of the Administration/Sector Member:
- b) For Sector members please indicate the geographical area over which you operate:
- c) Contact person:
- d) Email address:
- e) Telephone number:

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Office of the National Broadcasting and Telecommunications Commission Kingdom of Thailand Contact person: Mr. Supatrasit Suansook Broadcasting Technology and Standard Bureau Email: supatrasit.s@nbt.go.th	
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