Doc T-26/20-7

63RD ABU GENERAL ASSEMBLY · TECHNICAL COMMITTEE MEETING

Status Report 2025–2026

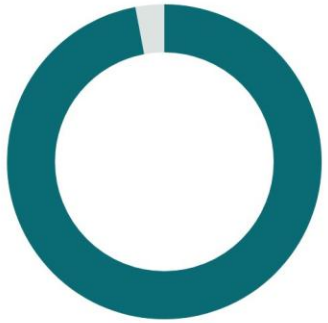
National Broadcasting Services of Thailand (NBT-Thailand)



Colombo, Sri Lanka · 30–31 October · Doc T-26 · Report dated 9 October 2026

COVERAGE

Nationwide reach in radio and television

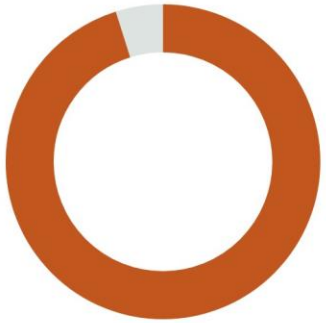


RADIO

97%

of households

79 FM and **21 AM** programme channels



TELEVISION

95.1%

of households

1 nationwide channel (NBT2 HD) and **4 regional** programs (NBT 11)

TECHNICAL DEVELOPMENTS

System upgrades for quality and efficiency

Legacy FM modernization

All legacy radio equipment and facilities for the six FM frequencies are being upgraded systematically by 2026.

Network-based live broadcasting

Equipment is continuously allocated to provincial radio stations and PR offices, using 4G and 5G networks.

Video Wall Outdoor Media

Public relations media signs produced at 8 stations nationwide, with central management in Bangkok.

Spurious emission detection

FM and AM radio frequency spurious emission detection equipment, provided with accessories.

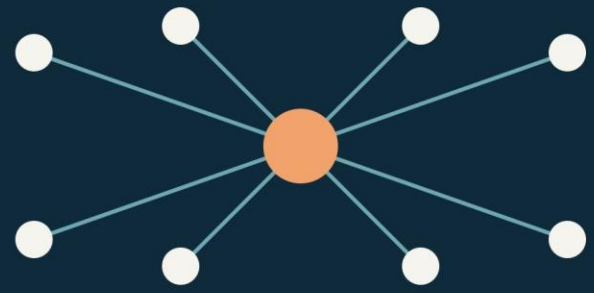
TECHNICAL DEVELOPMENTS

Network-based live broadcasting is growing

Stations equipped for network-based live broadcasting

69 stations established last year

+30 additional stations planned for 2026



Equipment is distributed to provincial radio stations and public relations offices, leveraging advanced 4G and 5G network technologies.

NEW SERVICES AND PROJECTS

Three new projects initiated



Media Asset Management

The MAM system's efficiency and maintenance will be enhanced, easing the exchange of public relations media and the retrieval and management of digital assets.



DAB+ digital radio trials

Trials find the optimal parameters for Thailand's environment, tested for the highest signal quality in line with NBTC specifications.

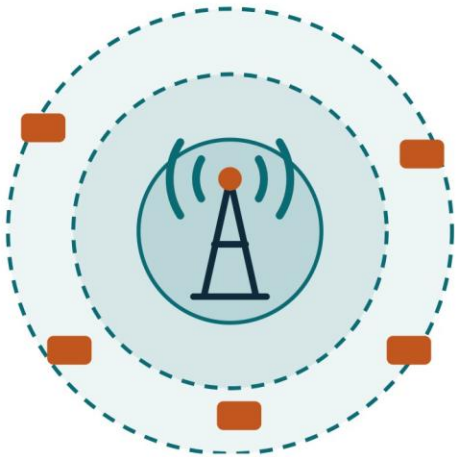


40 camera kits

Procurement of 40 high-resolution video and photography kits, with professional lenses and microphones, for provincial public relations operations.

NEW SERVICES

DAB+ digital radio trials and pilot



1. Determine the optimal parameters tailored to Thailand’s environment.
2. Test thoroughly for the highest signal quality, in compliance with NBTC specifications.
3. Establish service areas and advance toward securing digital radio broadcasting licenses.

PILOT AREA
Bangkok, the capital city

PILOT TIMELINE
From 2027 onwards

INTERNET AND MOBILE BROADCASTING

OTT streaming with PRDEE

OVER-THE-TOP (OTT) SERVICE

PRDEE

NBT-Thailand provides over-the-top services under the name PRDEE.

https://prdee.prd.go.th/



Research projects: none reported for this period.

TECHNOLOGY STATUS

What is being replaced and what is new

Area	Replacement / upgrade (R)	New (N)	Discontinued (D)
Transmission and delivery **FM**			●
Internet and mobile **OTT / IBB / Internet services**			●
Internet and mobile **Mobile services**			●

R = Replacement/upgrade · N = New · D = Discontinued

CURRENT ACTIVITIES

Development projects and upgrades

Activity	Area	Objectives and progress	Challenges
Upgrading facilities	Provincial radio stations	Replace and upgrade radio equipment for six radio frequencies. Nearing completion; final delivery scheduled for 2026.	None reported
DAB+ pilot project	Bangkok, the capital city	Digital Audio Broadcasting (DAB+) pilot project, from 2027 onwards.	Finding optimal parameters tailored to Thailand's environment; testing for the highest signal quality in compliance with NBTC specifications.

ABU participation and suggestions for new ABU activities: none reported.

OUTLOOK

Looking ahead to 2027

2025

- 69 stations established for network-based live broadcasting
- DAB+ trials to find the optimal parameters for Thailand

2026

- Final delivery of upgraded radio equipment for six FM frequencies
- 30 additional live-broadcast stations
- Enhanced Media Asset Management system

2027 onwards

- DAB+ pilot project in Bangkok
- Service areas established and digital radio licenses pursued