

Contents



PPCTV: DVB-T



Mobile TV: T-DMB



One TV: DVB-T



SuperNet: DVB-T2



Cambodia Digital TV: DTMB



MOI - The National Digital TV: DVB-T2



PPCTV: DVB-T

- PPCTV (Phnom Penh Cable TV) is a provider of Cable TV service, IP TV service, Analogue TV service and Digital TV service.
- PPCTV was founded September 1995
- PPCTV, Digital TV service has covered in Phnom Penh and even covers distance that stretches all the way to Kampong Speu, Takeo, Kandal and Kampong Chhang province.
- Provide its customers with more than 80 channels with the installation of a simple
 Set-top Box
- PPCTV (CH. 36-40 (590-630 MHz)) use system DVB-T standard



Mobile TV: T-DMB

- Mobile TV (MTV) is base in Cambodia four MTV networks using the T-DMB standard have already been planned and has been granted to the Cambodia public service broadcaster, TV Cambodia(TVK), as multiplex and network operator.
- T-DMB is made for terrestrial transmissions on band III (VHF) and ITU formally approved T-DMB as the global standard
- MTV was founded on August 2010
- MTV services using the T-DMB standard are successfully implemented in Korea and Japan.
- T-DMB operation in frequency block 10A, 10B, 10C and 10D
- Mobile TV (CH. 10 (209-216 MHz)) use system D-TMB standard



One TV: DVB-T

- ONE TV is a digital wireless television. ONE TV may deliver about 60 Khmer and international TV channels.
- ONE TV was founded September 2012
- ONE TV has covered in Phnom Penh, Banteay Meanchey, Kampong Thom,
 Kampong Cham, Pursat, Svay Rieng, Siem Reap, Sihanoukville and Battambang province.
- Provide its customers with the installation of a simple Set-top Box
- In 2013, One TV launched its own five channels: One TV Info Channel, One TV Classical Karaoke, One TV Modern Karaoke, One TV Cinema and One TV Sabay
- ONE TV (CH. 51-55 (710-750 MHz)) use system DVB-T standard



SuperNet: DVB-T2

- SuperNet is Cambodian Supreme Telecommunication Media Group Co., Ltd in corporate by China-ASEAN Fund and Chinese-Cambodian business
- SuperNet was Lunched 31 July 2014
- SuperNet has covered with a network encompassing 25 provinces and cities
- Provide with many channels with the installation of a simple Set-top Box
- SuperNet (CH. 22 (478-486 MHz)) use system DVB-T2 standard
- SuperNet (CH. 24 (494-502 MHz)) use system DVB-T2 standard
- SuperNet (CH. 26 (510-518 MHz)) use system DVB-T2 standard
- SuperNet (CH. 28 (526-534 MHz)) use system DVB-T2 standard
- SuperNet (CH. 30 (542-550 MHz)) use system DVB-T2 standard
- SuperNet (CH. 32 (558-566 MHz)) use system DVB-T2 standard



Cambodia Digital TV: DTMB

- Cambodia Digital TV is in cooperation with YNTV (Yunan, China) and TVK.
- Cambodia Digital TV was found March 2014
- DTMB (Digital Terrestrial Multimedia Broadcast) is the TV standard for mobile and fixed terminals used in the People's Republic of China, Hong Kong, and Macau.
- Cambodia Digital TV (CH. 34 (574-582 MHz)) use system DTMB standard
- Cambodia Digital TV (CH. 47 (678-686 MHz)) use system DTMB standard
- Cambodia Digital TV (CH. 49 (694-702 MHz)) use system DTMB standard
- Cambodia Digital TV (CH. 58 (766-774 MHz)) use system DTMB standard



MOI - The National Digital TV: DVB-T2

Challenge

- Cambodian people now still use Analogue TV
- Try to broadcast to people to know how to change to Analogue to Digital TV step by step till finish
- Have a lot of standard : DTMB, DVB-T and DVB-T2
- Not yet have Set Top Box enough for support to all Cambodian people
- Set Top Box, it expensive for Cambodian people (26-80\$)
- All the existing analogue TV services will move to this reliable common platform

Way Forward

- National Digital TV Platform is platform for Cambodia
- The National Digital TV: use system DVB-T2 standard
- To have terrestrial TV coverage in whole country in the digital format,

 And it is the main duty of the Ministry of Information (MOI).
- To reach this goal MOI is seeking the budget from the government to realize the National Digital TV platform and infrastructure, starting from 2015.
- Cambodia should make efforts to secure access to broadcast spectrum to maintain plurality and access to information
- The broadcasting industry to move forward with new services, especially in the converging world such as HDTV, UHDTV and 3DTV

THANK YOU VERY MUCH

FOR YOUR ATTENTION!