

Data Dictionary for Digital Terrestrial Television (DTT) Coverage Database

Item	Description	Remark
BUILDING	Name of Building (English) (if any)	
ESTATE	Name of Estate (English) (if any)	
STREET_NO	Street Number (if any)	
STREET	Name of Street (English) (if any)	
DISTRICT	District Valid value(s): - Central and Western - Eastern - Southern - Wan Chai - Kowloon City - Kwun Tong - Sham Shui Po - Wong Tai Sin - Yau Tsim Mong - Islands - Kwai Tsing - North - Sai Kung - Sha Tin - Tai Po - Tsuen Wan - Tuen Mun - Yuen Long	
DTT_COVERAGE_ESTIMATE	DTT Coverage Estimate Valid value(s): - Y, denotes that DTT signals are receivable at the building - M, denotes that DTT signals are only marginally receivable at the building - X, denotes that the building is not within the intended coverage areas of the announced DTT stations	(a) The DTT Coverage Estimate provides an estimate of the coverage of DTT services for residential buildings, commercial buildings and standalone houses. (b) The DTT Coverage Estimate is compiled by the Office of the Communications Authority (OFCA) based on results of computer simulation which makes use of the radio propagation characteristics of DTT signals operating in the ultra-high frequency band and is produced for reference only. The assumptions and approximations, etc. of the simulation may affect the fidelity of the coverage estimate and actual coverage is subject to variations due to blockage and reflections of man-made structures as well as other relevant environmental factors of the concerned building/house. From time to time OFCA will conduct on-site measurement to verify the actual coverage if cases warrant. Subsequently, the DTT Coverage Estimate will be updated accordingly. (c) The DTT Coverage Estimate is based on the assumption that the DTT signals are received at the rooftop of the concerned building/house with appropriate orientation of the receiving antenna. The coverage estimate does not apply to reception of DTT signals indoors or at other floors. (d) There are two prerequisites for enabling the proper reception of DTT services within the coverage area. First, at the building level, the CABD / IBCCDS, if any, may need to be upgraded with a view to receiving DTT signals and distributing them to individual flats of the building. The incorporated owners and building managers are advised to check with the contractor of their CABD / IBCCDS to confirm if the DTT signals can be distributed by their systems. For buildings without CABD / IBCCDS, the receiving aerials, if in good conditions, may continue to be used for receiving DTT signals. Secondly, at the level of individual premises, the viewer needs to connect his / her existing television set to a DTT set-top box, or to use a television set with a built-in DTT decoder. (e) Further enquiries concerning DTT Coverage Estimate may be directed to OFCA's hotline (8102 4100).