

Specifications¹ covered by the ISO/IEC 17065 Accreditation

Radiocommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment Emitting Radio Frequency Energy Intentionally			
Specification	Issue	Date	Title
HKCA 1001	6	06/2022	Performance Specification for Single-Sideband Radiotelephone Transmitting and Receiving Equipment Operating in the Frequency Band 1.605 MHz to 27.5 MHz for Voluntary Fitting in Small Craft
HKCA 1002	6	01/2008	Performance Specification for Angle-modulated Radio Transmitters and Receivers for use as Base, Repeater, Mobile and Portable Equipment in the Land Mobile Radio Service
HKCA 1003	4	02/2003	Performance Specification for Private Fixed Link Equipment with a Capacity of 12 or 24 FDM-FM Channels in the Frequency Band 1429 – 1530 MHz
HKCA 1004	4	02/2003	Performance Specification for VHF Transmitters and Receivers for Use in the Public Paging Service
HKCA 1005	5	10/2008	Performance Specification for Angle Modulated VHF Maritime Band Radio Equipment for Voluntary Fitting in Small Craft
HKCA 1006	3	02/2003	Performance Specification for Cordless Telephone Operating in the 1.7 MHz and 47 MHz Bands
HKCA 1007	5	03/2012	Performance Specification for the Limits and Methods of Measurement of Electromagnetic Disturbance Characteristics of Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment

¹ Before the establishment of the Communications Authority (CA) on 1 April 2012, the specifications prescribed by the Telecommunications Authority (TA) were named as HKTA specifications. From 1 April 2012 onward, revised versions of existing HKTA specifications and new specifications prescribed by the CA are named as HKCA specifications. For the avoidance of doubt, unless the specific issue number of the HKTA specification is explicitly specified, reference in any document to HKTA specification shall be construed as including reference to the corresponding HKCA specification as may be revised from time to time. In addition, reference in any document to HKCA specification shall be construed as referring to the corresponding HKTA specification if the HKCA specification under reference is not yet present.

Radiocommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment Emitting Radio Frequency Energy Intentionally

Specification	Issue	Date	Title
HKCA 1008	4	11/2013	Performance Specification for Low Power Radio Microphones, Including Associated Receiving Equipment
HKCA 1010	1	06/2003	Performance Specification for Angle Modulated Radio Transmitters and Receivers for use as Base, Mobile and Portable Equipment in the Land Mobile Radio Service and intended primarily for data applications
HKCA 1015	4	02/2003	Performance Specification for Cordless Telephone Operating in the 864.1 – 868.1 MHz Band
HKCA 1016	4	01/2007	Performance Specification for Angle Modulated Radio Equipment for Use at Repeater, Base and Mobile Stations in 800 MHz Trunked Radio
HKCA 1019	3	11/2011	Performance Specification for TV Antenna Amplifiers
HKCA 1020	7	11/2011	Performance Specification of the Base Station System (BSS) and Repeater Equipment for use in the Public Mobile Communications Service employing Global System for Mobile communications (GSM) or in the Personal Communications Service (PCS)
HKCA 1022	3	02/2003	Performance Specification for Citizen Band (CB) Radio Transceivers for Use On-Board Fishing Vessels
HKCA 1026	3	05/2010	Performance Specification for Cordless Telephone Operating in the 46 MHz and 49 MHz Bands
HKCA 1033	7	03/2012	Performance Specification of the Mobile Stations and Portable Equipment for Use in Global System for Mobile Communications (GSM) in the 900 and 1800 MHz Bands
HKCA 1034	3	10/2009	Performance Specification for Digital Enhanced Cordless Telecommunications (DECT) Equipment for Private Use
HKCA 1035	7	05/2016	Performance Specification for Radio Equipment Exempted from Licensing

Radiocommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment Emitting Radio Frequency Energy Intentionally

Specification	Issue	Date	Title
HKCA 1036	3	12/2011	Performance Specification for Digital Fixed Link Equipment Operating in the 38 GHz Frequency Band
HKCA 1037	3	12/2011	Performance Specification for Digital Fixed Link Equipment Operating in the 23 GHz Frequency Band
HKCA 1039	7	08/2024	Performance Specification for Radiocommunications Apparatus Operating in the 2.4 GHz or 5 GHz Band and Employing Frequency Hopping or Digital Modulation
HKCA 1041	1	02/2003	Performance Specification for Radiocommunications Apparatus Operating in the 27 MHz Band for Private Use
HKCA 1042	2	02/2003	Performance Specification for Radio Equipment Operating in the 5 GHz Band for Wireless Access
HKCA 1043	4	06/2008	Performance Specification for Base Station and Repeater Equipment for Use in the Third Generation (3G) Mobile Communications Services Employing CDMA Direct Spread (UTRA FDD)
HKCA 1044	1	02/2003	Performance Specification for Short-range Portable Radio operating in the 409 MHz Band
HKCA 1045	1	02/2003	Performance Specification for Cordless Telephone Operating in the 254 MHz and 380 MHz Bands
HKCA 1047	2	01/2008	Performance Specification of Radio Equipment for use in the Trunked Mobile Radio System employing Terrestrial Trunked Radio (TETRA) Technology
HKCA 1048	2	06/2008	Performance Specification for User Equipment for Use in the Third Generation (3G) Mobile Communications Services Employing CDMA Direct Spread (UTRA FDD)
HKCA 1049	1	04/2005	Performance Specification for Radio Frequency Identification (RFID) Equipment Operating in the 865 – 868 MHz and/or 920 – 925 MHz Bands

Radiocommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment Emitting Radio Frequency Energy Intentionally

Specification	Issue	Date	Title
HKCA 1050	1	01/2006	Performance Specification for 26.96 – 27.41 MHz Citizens Band (CB) Radio Transceivers
HKCA 1052	4	06/2022	Performance Specification for Medical Implant Communication Systems
HKCA 1056	2	07/2023	Performance Specification for Base Station and Repeater Equipment for Use in Public Mobile Communications Services based on Evolved Universal Terrestrial Radio Access (E-UTRA) Frequency Division Duplex (FDD)
HKCA 1057	2	07/2023	Performance Specification for User Equipment for Use in Public Mobile Communications Services based on Evolved Universal Terrestrial Radio Access (E-UTRA) Frequency Division Duplex (FDD)
HKCA 1061	1	05/2011	Performance Specification for Short Range Devices Operating in the 433 MHz Band
HKCA 1064	1	02/2013	Performance Specification for Global System for Mobile communications – Railway (GSM-R) Radiocommunications Equipment
HKCA 1065	4	02/2024	Performance Specification for Multi-Standard Radio (MSR) Base Station
HKCA 1066	1	11/2013	Performance Specification for Ground-based VHF Radio Equipment
HKCA 1067	1	11/2013	Performance Specification for Ground-based VHF Digital Link (VDL) Mode 2 Radio Equipment
HKCA 1068	1	02/2014	Performance Specification for Digital Fixed Link Equipment operating in the 11GHz Frequency Band
HKCA 1069	1	02/2014	Performance Specification for On-site Radio Paging Equipment
HKCA 1070	1	06/2014	Performance Specification for Digital Fixed Link Equipment operating in the 13 GHz Frequency Band
HKCA 1071	1	06/2014	Performance Specification for Digital Fixed Link Equipment operating in the 18 GHz Frequency Band

Radiocommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment Emitting Radio Frequency Energy Intentionally

Specification	Issue	Date	Title
HKCA 1072	1	01/2015	Performance Specification for Base Station for Use in Evolved Universal Terrestrial Radio Access (E-UTRA) Time Division Duplex (TDD) Network
HKCA 1073	1	01/2015	Performance Specification for User Equipment for Use in Evolved Universal Terrestrial Radio Access (E-UTRA) Time Division Duplex (TDD) Network
HKCA 1074	1	01/2017	Performance Specification for Radiocommunications Apparatus operating in the 60 GHz Band
HKCA 1075	2	09/2018	Performance Specification for Short-Range Radar Equipment operating in the 79 GHz Band
HKCA 1076	1	07/2016	Performance Specification for Digital Multipoint Radio Equipment operating in the 2.3 GHz Band
HKCA 1077	1	11/2016	Performance Specification for Mobile Communications Onboard Aircraft System
HKCA 1078	1	12/2017	Performance Specification for Radio Equipment operating in the 920 – 925 MHz Band for the provision of Public Telecommunications Services
HKCA 1080	1	08/2018	Performance Specification for Short Range Devices operating in the 4.2 – 4.8 GHz and/or 6 – 8.5 GHz Bands Employing Ultra-wideband Technology
HKCA 1081	1	04/2022	Performance Specification for Radiocommunications Apparatus Operating in the 6 GHz Band for Wireless Local Area Network
HKCA 1082	2	01/2025	Performance Specification for New Radio (NR) Base Station
HKCA 1083	1	02/2024	Performance Specification for Active Antenna System (AAS) Base Station
HKCA 1084	1	08/2024	Conformance Specification for Radiation Safety of Wireless Devices

Global Maritime Distress and Safety System (GMDSS) Maritime Radio Equipment			
Specification	Issue	Date	Title
HKCA 1218	1	03/1999	Performance Specification for Radiotelephone Equipment Operating on the Frequency 2182 kHz
HKCA 1223	1	12/1997	Performance Specification for Radiotelephone Distress Frequency Watch Receiver
HKCA 1224	1	12/1997	Performance Specification for Maritime Mobile Single Sideband Radiotelephone Transmitters and Receivers for the MF and HF Bands
HKCA 1225	1	12/1997	Performance Specification for Radiotelephone Alarm Signal Generating Devices for Use in Merchant Ships
HKCA 1257	1	07/1997	Performance Specification for Narrowband Direct-Printing Telegraph Equipment for the Reception of Navigational and Meteorological Warnings And Urgent Information to Ships (NAVTEX)
HKCA 1258	1	03/1999	Performance Specification for Narrow-Band Direct-Printing Telegraph Equipment for the Reception of Navigational And Meteorological Warnings and Urgent Information to Ships by HF
HKCA 1259	1	07/1997	Performance Specification for Float-Free Satellite Emergency Position-Indicating Radio Beacon (EPIRB) Operating on 406 MHz
HKCA 1260	1	09/1999	Performance Specification for Ship Earth Stations Capable of Two-Way Communications
HKCA 1261	1	08/1998	Performance Specification for Float-Free Satellite Emergency Position-Indicating Radio Beacons (EPIRBs) Operating through the Geostationary INMARSAT Satellite System on 1.6 GHz
HKCA 1262	1	08/1998	Performance Specification for Float-Free VHF Emergency Position-Indicating Radio Beacons (EPIRBs)
HKCA 1263	1	01/1999	Performance Specification for VHF Radio Installations Capable of Voice Communications and Digital Selective Calling
HKCA 1264	1	01/1999	Performance Specification for Shipborne MF Radio Installations Capable of Voice Communications and Digital Selective Calling

Global Maritime Distress and Safety System (GMDSS) Maritime Radio Equipment			
Specification	Issue	Date	Title
HKCA 1265	1	01/1999	Performance Specification for Shipborne MF/HF Radio Installations Capable of Voice Communications, Narrow-Band Direct-Printing and Digital Selective Calling
HKCA 1266	1	09/1999	Performance Specification for Shipborne Integrated Radiocommunications System (IRCS) When Used in the GMDSS
HKCA 1277	1	03/1999	Performance Specification for Survival Craft Two-Way VHF Radiotelephone Apparatus
HKCA 1281	1	06/1997	Performance Specification for Marine Radar Transponder for use in Search and Rescue Operations at Sea (SART)
HKCA 1282	1	07/1997	Performance Specification for Inmarsat Enhanced Group Call (EGC) Equipment and Inmarsat Standard-C Ship Earth Station Capable of Transmitting and Receiving Direct-Printing Communications
HKCA 1283	1	06/2014	Performance Specification for VHF Radio Equipment as Coast Stations for Global Maritime Distress and Safety System (GMDSS)

Wireline Customer Premises Equipment (CPE) for Connection to the Public Telecommunications Networks in Hong Kong			
Specification	Issue	Date	Title
HKCA 2001	15	08/2024 ²	Compliance Test Specification - Safety And Electrical Protection Requirements For Subscriber Telecommunications Equipment
HKCA 2005	5	02/2003	Network Connection Specification for Connection of 50-Baud or 300-Baud Subscriber Telex Equipment to the Public Telex Network in Hong Kong
HKCA 2011	6	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct Exchange Lines (DEL) of the Public Switched Telephone Network (PSTN) in Hong Kong (with Annex 1 Technical Guide for Conducting Evaluation Test against HKCA 2011)
HKCA 2012	3	02/2003	Network Connection Specification of Calling Number Display Service for Customer Premises Equipment (CPE) to be Connected by Direct Exchange Line (DEL) to the Public Switched Telephone Network (PSTN) in Hong Kong
HKCA 2013	4	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Direct-Dial-In (DDI) Line of the Public Switched Telephone Network (PSTN) in Hong Kong (with Annex 1 Technical Guide for Conducting Evaluation Test against HKCA 2013)
HKCA 2014	5	01/2008	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Basic Rate Access (BRA) based on ITU-T Recommendations
HKCA 2015	5	01/2008	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Primary Rate Access (PRA) at 1544 kbit/s based on ITU-T Recommendations

² With effect from 1 January 2026, HKCA 2001 will be superseded by HKCA 1084, and accreditation on HKCA 2001 will no longer be required.

Wireline Customer Premises Equipment (CPE) for Connection to the Public Telecommunications Networks in Hong Kong

Specification	Issue	Date	Title
HKCA 2016	5	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using Asynchronous Transfer Mode (ATM)
HKCA 2017	4	10/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong over Digital Trunk at 1544kbit/s using DTMF Signalling
HKCA 2018	4	10/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong over Digital Trunk at 1544kbit/s using DTMF Signalling with Calling Line Identification from the PTN
HKCA 2019	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong by Direct Exchange Line (DEL) with Data Interface to Support Analogue Display Services (ADS)
HKCA 2020	3	02/2003	Performance Specification for Private Payphone Equipment (to Comply with Interim Single Payphone Common Access (SPCA) Requirements) using Access Line to be Connected to the Public Fixed Telecommunications Network in Hong Kong
HKCA 2021	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunication Network (PTN) in Hong Kong by ISDN Basic Rate Access (BRA) Interface using Metallic Loops on the Network Side of the Network Termination (NT) - Layer One Specification
HKCA 2022	2	02/2003	Network Connection Specification of Calling Name Display (CNAM) Service for Customer Premises Equipment (CPE) to be Connected by Direct Exchange Line (DEL) to the Public Switched Telephone Network (PSTN) in Hong Kong

Wireline Customer Premises Equipment (CPE) for Connection to the Public Telecommunications Networks in Hong Kong

Specification	Issue	Date	Title
HKCA 2023	4	10/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Leased Line or Private Circuit provided by the Fixed Telecommunications Network Services (FTN) Operators in Hong Kong for Voiceband Operation
HKCA 2024	3	02/2003	Performance Specification for Private Payphone Equipment (Not Required to Comply with Interim Single Payphone Common Access (SPCA) Requirements) using Access Line to be Connected to the Public Fixed Telecommunications Network in Hong Kong
HKCA 2026	4	01/2008	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Basic Rate Access (BRA) based on ANSI Standards
HKCA 2027	3	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong using ISDN Primary Rate Access (PRA) at 1544 kbit/s based on ANSI Standards
HKCA 2028	3	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rate of 1544 kbit/s based on ITU-T Recommendation G.703
HKCA 2029	4	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rate of 2048 kbit/s based on ITU-T Recommendation G.703
HKCA 2030	3	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rates of 64 kbit/s or above based on ITU-T V-Series Recommendations

Wireline Customer Premises Equipment (CPE) for Connection to the Public Telecommunications Networks in Hong Kong

Specification	Issue	Date	Title
HKCA 2031	3	05/2010	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong Using Digital Leased Circuits at Data Rates below 64 kbit/s based on ITU-T V-Series Recommendations
HKCA 2032	3	04/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks in Hong Kong using Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.1
HKCA 2033	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to Fixed Telecommunications Networks in Hong Kong using Splitterless Asymmetric Digital Subscriber Lines (ADSL) based on ITU-T Recommendation G.992.2
HKCA 2034	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks in Hong Kong using Asynchronous Transfer Mode (ATM) with Switched Virtual Connection (SVC)
HKCA 2038	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong using Optical Leased Circuits with Synchronous Digital Hierarchy (SDH) Interface
HKCA 2039	2	02/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the Public Telecommunications Networks (PTNs) in Hong Kong using Optical Leased Circuits with Synchronous Optical Network (SONET) Interface
HKCA 2040	1	10/2003	Network Connection Specification for Connection of Customer Premises Equipment (CPE) to the X.25 Packet Switched Public Data Network
HKCA 2041	1	07/2004	Network Connection Specification for Connection of Fixed Line Short Message Service (FLSMS) Customer Premises Equipment (CPE) to the Public Telecommunications Network (PTN) in Hong Kong Using ETSI ES 201 912