**委托检测申请书**

委托书编号：

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 客户填写 | 委托单位名称 |  | 联 系 人 |  | | 联系电话 |  |
| 委托单位地址 |  | 样品数量 |  | | E-mail |  |
| 样品名称/型号 |  | 对应合同/报价单号 | | |  | |
| 样品处理意见 | □退样 □委托我司处置 | 报告数据发放形式 | | □自取 □快递 | | |
| （数字电视）  检测项目 | □1.DTMB □2.AVS+ □3.DRA □4.NorDig DVB-C □5.NorDig DVB-T □6.NorDig DVB-T2 □7.ABNT NBR 15604 □8.ATSC A/74  □9.IMDA DVB-T2 □10.NBTC BS 4002 2555 □11.SKMM MTSFB TC T004  □12.GCC DVB-T/T2 □13.QCVN 63 □14.DTG D-Book □15.有线数字电视接收性能检测 □16.MCIT No.9/2014  □17.MCIT No.3/2014 □18.其它 | | | | | |
| 特殊说明：如果您是电子填单，以上请于相应位置复制粘贴：🗹 | | | | | |
| 检测标准 | 具体检测标准及检测子项目，请勾选后续附件：（附件序号）。 | | | | | |
| 备注 |  | | | | | |
| 测试周期 | | 个工作日 | 检测费用 | 元 | | | |
| 说明：   1. 测试周期以我司收到样品之日起计算。除另有特别约定，自检测报告发出日算起，本公司对送检的样品只保留3个月。 2. 委托方寄出样品时请保证样品包装完好，配件齐全，能正常工作，以便检测工作展开。 3. 检测标准请见附件，如无特殊说明或要求，以下检测标准均为有效现行版本。 4. 异议复议期为自委托方收到检验检测报告日算起7天以内，逾期不受理。 5. 如有更多疑问，请联系雷群群小姐，联系电话：0755-61363380 ，同时报出您的委托书编号（该表右上角）。 | | | | | | | |
| 委托人： 日期： | | | 受理人： 日期： | | | | |

附件1：DTMB地面数字电视接收性能检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| □频率范围  □频率捕捉范围  □高斯载噪比门限  □莱斯载噪比门限  □瑞利载噪比门限  □最小接收信号电平  □最大接收信号电平  □抑制模拟电视邻频干扰能力  □抑制模拟电视同频干扰能力  □抑制数字电视邻频干扰能力  □抑制数字电视同频干扰能力  □抑制0dB 回波最大时延  □抑制0dB 回波载噪比门限  □抑制动态多径载噪比门限  □抑制动态多普勒频移  □抑制脉冲干扰能力  □反射损耗  □射频环路输出增益 | □工作模式与调制参数改变  □抑制两径长回波能力  □抑制三径长回波能力  □抑制固定接收条件下信道扰动能力1  □抑制固定接收条件下信道扰动能力2  □抑制单频干扰能力 | □GB/T 26683-2017《地面数字电视接收器通用规范》  □GB/T 26684-2017《地面数字电视接收器测量方法》  □GB/T 26686-2017《地面数字电视接收机通用规范》  □GB/T 26685-2017《地面数字电视接收机测量方法》  □其他： |

附件2：数字电视终端AVS+解码能力检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| * 视频参数、视频码率适应性、编码参数适应性 |  | * SJ/T 11594.1-2016《数字电视接收终端音视频解码技术要求及测试方法第1部分：视频（AVS+）》 * 其他： |

附件3：数字电视终端DRA解码能力检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| 1、听音测试  □ DRA音频识别测试  □声道映射测试  □采样频率测试  □码率支持测试  2、解码功能测试  □参考电压设置  □音频输出电平  □两声道混合测试  □相位差  □过载测试  □幅频响应  □信噪比  □失真加噪声  □声道增益差  □串扰  □动态范围 |  | * SJ/T 11594.2-2016《数字电视接收终端音视频解码技术要求及测量方法第2部分：音频DRA》 * 其他： |

附件4：NorDig DVB-C接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □Task 2:1 General  □Task 2:2 General  □Task 2:3 Quality reception detector  □Task 2:4 RF Characteristics: Input frequency range and input level, Digitalchannels  □Task 2:5 RF Characteristics: Symbol rate and modulation  □Task 2:7 RF bypass  □Task 2:14 RF Performance - C/N for Reference BER  □Task 2:15 RF Performance - C/N with echo  □Task 2:16 Performance Data: Noise figure  □Task 2:17 RF Performance - Image Channel  □Task 2:18 RF Performance – Digital Adjacent Channel  □Task 2:19 RF Performance – Analog Adjacent Channel | □《NorDig-Unified\_Test\_plan\_ver\_2.5.0》  □《NorDig-Unified\_ver\_2.5.1》  □其他： |

附件5：NorDig DVB-T接收性能检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| □ Task 3:1 General  □ Task 3:3 Quality reception detector  □ Task 3:5 Frequency offset  □ Task 3:7 Modes  □ Task 3:9 Basic status check | □ Task 3:2 General  □ Task 3:4 Center frequencies  □ Task 3:6 Signal bandwidths  □ Task 3:8 General | □《NorDig-Unified\_Test\_plan\_ver\_2.5.0》  □《NorDig-Unified\_ver\_2.5.1》  □其他： |
| □Task3:13 Verification of Signal Strength Indicator  □Task3:14 Verification of Signal Quality Indicator  □ Task 3:15 Changes In Modulation Parameters  □ Task 3:16 RF input connector  □ Task 3:17 RF output connector  □ Task 3:18 BER vs C/N verification  □ Task 3:19 C/N performance on Gaussian channel  □ Task 3:20 C/N performance on 0dB echo channel  □ Task 3:21 Minimum receiver signal input levels on Gaussian channel  □ Task 3:22 Minimum IRD Signal Input Levels on 0dB echo channel  □ Task 3:23 Noise figure on Gaussian channel  □ Task 3:24 Maximum Receiver Signal Input Levels  □ Task 3:25 Immunity to “analogue” signals in Other Channels  □ Task 3:26 Immunity to “digital” signals in Other Channels  □ Task 3:27 Immunity to “LTE” signals in Other Channels  □Task 3:28 Immunity to Co-Channel Interference From Analogue TV Signals  □ Task 3:29 Performance in Time-Varying Channels  □ Task 3:30 Synchronization for varying echo power levels in SFN  □ Task 3:31 C/(N+I) Performance in SFN for more than one echo  □ Task 3:32 C/(N+I) Performance in SFN inside the guard interval  □ Task 3:33 C/(N+I) Performance in SFN outside the guard interval | |

附件6：NorDig DVB-T2接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □ Task 3:34 Center frequencies  □ Task 3:35 Frequency offset  □ Task 3:36 Signal bandwidths  □ Task 3:37 Modes  □ Task 3:38 MISO  □ Task 3:39 Input ModeB(multiple PLPs)  □ Task 3:40 Input ModeB(multiple PLPs and common)  □ Task 3:44 Normal mode(NM)  □ Task 3:45 Input ModeA(zero power FEF present)  □ Task 3:48 Reception of version 1.1.1  □ Task 3:50 Basic status check  □ Task 3:51 Verification of Signal Strength Indicator  □ Task 3:52 Verification of Signal Quality Indicator  □ Task 3:53 Changes In Modulation Parameters  □ Task 3:54 Time interleaving  □ Task 3:56 BER vs C/N verification  □ Task 3:57 C/N performance on Gaussian channel  □ Task 3:58 C/N performance on 0dB echo channel  □ Task 3:59 Minimum receiver signal input levels on Gaussian channel  □ Task 3:60 Minimum IRD Signal Input Levels on 0dB echo channel  □ Task 3:61 Receiver Noise figure on Gaussian channel  □ Task 3:62 Maximum Receiver Signal Input Levels  □ Task 3:63 Immunity to “digital” signals in Other Channels  □ Task 3:64 Immunity to “LTE” signals in Other Channels  □ Task 3:65 Immunity to Co-Channel Interference From Analogue TV Signals  □ Task 3:66 Performance in Time-Varying Channels  □ Task 3:67 Synchronization for varying echo power levels in SFN  □ Task 3:68 C/(N+I) Performance in SFN for more than one echo  □ Task 3:69 C/(N+I) Performance in SFN inside the guard interval  □ Task 3:70 C/(N+I) Performance in SFN outside the guard interval | □《NorDig-Unified\_Test\_plan\_ver\_2.5.0》  □《NorDig-Unified\_ver\_2.5.1》  □其他： |

附件7：巴西ISDB-T接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □灵敏度  □c/n载噪比  □噪声系数  □接收频率范围  □频偏  □模拟同频干扰  □数字同频干扰  □模拟邻频干扰  □数字邻频干扰 | * ABNT NBR 15604:2008“Digital terrestrial television – Receivers” * 其他： |

附件8：ATSC接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| * Sensitivity * Multi-Signal Overload   □ Phase Noise  □ Co-Channel Rejection  □ Adjacent Channel Rejection  □ Taboo Channel Rejection  □ Burst Noise Performance  □ Single Static Echoes  □ Single Dynamic Echoes  □ Multiple Dynamic Echoes R2.1  □ Multiple Dynamic Echoes R2.2  □ Dynamic Multipath, Doppler Shift and Airplane Flutter | * ATSC Document A/74:2010 “ATSC Recommended Practice ReceiverPerformance Guidelines” * 其他： |

附件9：新加坡DVB-T2接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □ Transport Stream Bit-streams  □ Video Decoding  □ Audio Decoding  □ C/N Performance on Gaussian channel  □ C/N Performance on 0dB echo channel  □ Minimum receiver signal input levels on Gaussian channel  □ Minimum IRD Signal Input Levels on 0dB echo channel  □ Maximum receiver signal input levels  □ Immunity to "digital" signals in Other Channels  □ Immunity to Co-Channel Interference from Analogue TV Signals  □ Immunity to Adjacent Channel Interference From Analogue TV Signals  □ Performance in Time-Varying Channels 10Hz doppler (5Hz after AFC) 20us 0dB echo  □ Synchronisation for varying echo power levels in SFN  □ C/(N+I) Performance in Single Frequency Networks for more than one echo  □ C/(N+I) Performance in Single Frequency Networks inside the guard interval  □ C/(N+I) Performance in Single Frequency Networks outside the guard interval  □ Service Information(SI)  □ Service  □ Interfaces and Connectors  □ Firmware Operation | □IMDA TS DVB-T2 IRD Issue 1  □其他： |

附件10：泰国DVB-T2接收性能检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| □ Remote Control  □ RF input connector  □ RF Loop-though  □ Audio and Video connector  □ Frequency Range  □ Bandwidth  □ Channel Offset  □ DVB-T2 Operating Modes  □ C/N Performance on Gaussian channel  □ Receiver Sensitivity  □ Noise Figure  □ Technical Requirements of  De-multiplexing and Transport Stream  □ Video Decoder | □ Video Display  □ Audio Decoder  □ Processor and Memory  □ Character Set  □ On Screen Display (OSD) Language  □ Subtitling System  □ Support of Multi-Language Display  □ Service and Channel Number  □ Logical Channel Descriptor  □ Electronic Program Guide (EPG)  □ Display of Signal Strength and Signal Quality  □ System Software Update (SSU) | □NBTC BS 4002 2555 Technical Standard For Digital Terrestrial Television Receiver  □其他： |

附件11：马来西亚DVB-T2接收性能检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| □Task 3.2.1 Processor and Memory  □Task 3.2.2 Services Summary  □Task 3.2.3 Video  □Task 3.2.4 Audio  □Task 3.2.5 Subtitles  □Task 3.2.6 Multi-Language Support  □Task 3.2.7 OSD  □Task 3.2.8 Receiver Character Set  □Task 3.2.9 Common Interface  □Task 3.2.10 Tuner / Decoder  □Task 3.2.10.1 RF Input Connector  □Task 3.2.10.2 RF Loop-through  □Task 3.2.10.3 Input Impedance  □Task 3.2.10.4 Frequency Range  □Task 3.2.10.5 Signal Bandwidth  □Task 3.2.10.6 Channel Offset  □Task 3.2.10.7 DVB-T2 Operating Modes  □Task 3.2.10.8 Multiple PLP Feature Requirements  □Task 3.2.10.9C/N Performance on Gaussian channel  □Task 3.2.10.10C/N Performance on 0dB echo channel  □Task 3.2.10.11Minimum receiver signal input levels on Gaussian channel  □Task 3.2.10.12Minimum IRD Signal Input Levels on 0dB echo channel | □Task 3.2.10.13 Receiver noise figure on Gaussian channel  □Task 3.2.10.14Maximum receiver signal input levels  □Task 3.2.10.15Immunity to "digital" signals in Other Channels  □Task 3.2.10.16Immunity to Co-Channel Interference from Analogue TV Signals  □Task 3.2.10.17Immunity to Adjacent Channel Interference From Analogue TV Signals  □Task 3.2.10.18Performance in Time-Varying Channels 10Hz doppler (5Hz after AFC) 20μs 0dB echo  □Task 3.2.10.19 Synchronization for varying echo power levels in SFN  □Task 3.2.10.20C/(N+I) Performance in Single Frequency Networks for more than one echo  □Task 3.2.10.21C/(N+I) Performance in Single Frequency Networks inside the guard interval  □Task 3.2.10.22C/(N+I) Performance in Single Frequency Networks outside the guard interval  □Task 3.2.11 Service List  □Task 3.2.12 EPG  □Task 3.2.13 Clock  □Task 3.2.14 Set-up  □Task 3.2.15 Outputs  □Task 3.2.16 Remote Control  □Task 3.2.17 Maintenance & Upgrade: Summary  □Task 3.2.18 Interactive Application  □Task 3.2.19 DVB Identifiers | □SKMM MTSFB TC T004:2013” Specification for Digital Terrestrial Television Broadcast Service Receiver”  □其他： |

附件12：中东DVB-T2接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □Services Summary  □Video & Audio  □Service Information  □Digital Terrestrial Reception  □DVB-T2 Reception  □Common Interface  □Interfaces  □Remote Control  □Upgrade  □User Information  □Conditional Access | □Receiver Specification Requirements for Digital Terrestrial TV Broadcasting in the GCC Countries Version 1.0r2  □其他： |

附件13：越南DVB-T/T2接收性能检测

|  |  |  |
| --- | --- | --- |
| 检测子项目 | | 依据标准 |
| □Reception of DVB-T/DVB-T2  □Software Upgrade  □Remote control  □Signal level and signal quality indicator  □System Information  □Navigator  □Subtitling  □Logical Channel Number (LCN)  □RF input connector  □RF output connector  □HDMI  □Composite video outputs  □Audio RCA connectors  □Interface for Conditional Access  □Channel frequency and bandwidth (DVB-T/ DVB-T2)  □ Signal bandwidth (DVB-T/ DVB-T2)  □ RF modes (DVB-T/ DVB-T2)  □ Multi PLPs support(DVB-T2)  □ Multi PLPs and common PLP support(DVB-T2)  □ Normal Mode (NM) support(DVB-T2)  □Change in modulation parameters (DVB-T/ DVB-T2)  □ RF by pass  □ Performance – C/N performance on Gaussian | channel(DVB-T/DVB-T2)  □C/N performance on 0dB echo channel (DVB-T/ DVB-T2  □ Minimum receiver signal input levels on Gaussian channel (DVB-T/ DVB-T2)  □ Minimum receiver Signal Input Levels on 0dB echo channel (DVB-T/ DVB-T2)  □Noise figure on Gaussian channel (DVB-T/ DVB-T2)  □Maximum receiver signal input level (DVB-T/ DVB-T2)  □Immunity to analogue signals in Other Channels (DVB-T/ DVB-T2)  □ Immunity to digital signals in Other Channels (DVB-T/ DVB-T2)  □ Immunity to Co-Channel Interference From Analogue TV Signals (DVB-T/ DVB-T2)  □ Performance: C/(N+I) Performance in Single Frequency Networks inside the guard interval (DVB-T/ DVB-T2)  □ C/(N+I) Performance in Single Frequency Networks outside the guard interval (DVB-T/ DVB-T2)  □MPEG-Demultiplexer  □Video Decoder  □Audio decoder | □ QCVN 63 :2012/BTTTT “National technical regulation on digital receiver used in digital terrestrial television broadcasting for DVB-T2 system”  □其他： |

附件14：DTG D-Book接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □ RF sensitivity  □ Performance with Additive White Gaussian Noise (AWGN)  □ Performance with co-channel PAL interference  □ Performance with adjacent channel DVB-T/T2E interference  □ Performance with non-adjacent channel DVB-T interference  □ Performance with (N+9) DVB-T interference (image)  □ Performance with two DVB-T interfering signals  □ Performance with adjacent and non-adjacent LTE BS interference  □ Performance with non-adjacent LTE UE interference  □ Performance with short delay echoes  □ Performance with long delay echoes  □ Performance with a single 0 dB echo within the guard interval  □ Performance with a single 0 dB echo with Doppler  □ Performance with a single echo outside the guard interval  □ Impulsive interference tests  □ Verification of signal strength indicator (SSI)  □ Verification of signal quality indicator (SQI) for DVB-T  □ Verification of signal quality indicator (SQI) for DVB-T2 | □D-Book 9 “Digital Terrestrial Television Requirements for interoperability”  □其他： |

附件15：有线数字电视接收性能检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □频率范围  □频道带宽  □解调方式  □最小接收信号电平  □最大接收信号电平  □高斯载噪比门限  □频率捕捉范围  □射频输入反射损耗  □ I、Q幅度不平衡解调能力  □ I、Q相位差解调能力  □抗微反射能力  □抑制邻频道模拟信号干扰能力  □抑制邻频道数字信号干扰能力  □抗脉冲干扰能力  □抗同频单频干扰抑制比  □支持符号率范围  □节目转换时间  □ PCR抖动适应能力 | □GY/T 241-2009《高清晰度有线数字电视机顶盒技术要求和测量方法》  □其他： |

附件16：印度尼西亚DVB-T2兼容性检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □ Demultiplexing  □ Video Decoding  □ Video Output minimal  □ Audio Decoding  □ Menu and EPG  □ Input /Output Connector  □ Service Information  □ Identify Service Information  □ Firmware and Operating System | □ Regulation of Indonesia MCIT No.9/2014: Persyaratan Teknis Alat dan Perangkat Penerima Televisi Siaran Digital Berbasis Standar Digital Video Broadcasting Terrestrial – Second Generation  □其他： |

附件17：印度尼西亚DVB-T2 EWS兼容性检测

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
| □UI Display  □Normal Test  □Start Stop Test  □Stress Test  □Over night Test | □Regulation of Indonesia MCIT No.3/2014: Persyaratan Teknissistem Peringatan Dini Bencana AlampadaAlat dan Perangkat Penerima Televisi Siaran Digital Berbasis Standar Digital Video Broadcasting Terrestrial-Second Generation  □其他： |

附件18：其他：

|  |  |
| --- | --- |
| 检测子项目 | 依据标准 |
|  |  |