**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

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| 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

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| 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：
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附件3：数字电视终端DRA解码能力检测

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| 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：
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附件4：NorDig DVB-C接收性能检测

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| 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

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| 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

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| 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

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| 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：
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附件8：ATSC接收性能检测

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| 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：
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附件9：新加坡DVB-T2接收性能检测

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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：

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| 检测子项目 | 依据标准 |
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