

## EU DECLARATION OF CONFORMITY

**We, the undersigned,**

|  |   |
|--|---|
| Manufacturer name (Apparatus)  | <b>HUMAX., Ltd</b>  |
| Address, City:   | HUMAX Village, 216, Hwangsaetul-ro, Bundang-Gu, Seongnam-si, Gyeonggi-do, 463-875, South KOREA    |
| Authorized representative name (in Europe):<br>(On behalf of manufacturer) | <b>HUMAX Poland Sp.z.o.o.</b>   |
| Address, City:   | <b>Ul. Przemyslowa 4, 97-400 Belchatow, Poland</b>  |
| Importer name (Contact):   | <b>HUMAX Poland Sp.z.o.o.</b>   |
| Address, City:   | <b>Ul. Przemyslowa 4, 97-400 Belchatow, Poland</b>  |
| Web site   | <a href="http://kr.humaxdigital.com/global-network">http://kr.humaxdigital.com/global-network</a> |

**Declare the following apparatus:**

|                                 |                            |
|---------------------------------|----------------------------|
| Product name (type) :           | Digital Satellite Receiver |
| Apparatus model name :          | <b>TN8000HD</b>            |
| EPS(AC/DC Adaptor) model name : | SH1220WWEU                 |

**conform with the essential requirements of the following directives and standards: (Note:  conform,  Not conform)**

**Not conform)**

**2014/53/EU - Radio Equipment Directive**

|   |   |
|---|---|
| <input type="checkbox"/> EN 301 893 V1.8.1 and V2.1.1 | <input type="checkbox"/> EN 302 502 V1.2.1              |
| <input type="checkbox"/> EN 300 328 V2.1.1            | <input type="checkbox"/> EN 62311:2008                  |
| <input type="checkbox"/> EN 303 340 V1.1.2            | <input checked="" type="checkbox"/> EN 303 372-2 V1.1.1 |

**2014/35/EU - Low Voltage Directive**

|   |   |
|---|---|
| <input checked="" type="checkbox"/> EN 60065:2014 | <input type="checkbox"/> EN 60950-1/A2:2013 |
| <input type="checkbox"/> EN 62368-1:2014          |   |

**2014/30/EU - EMC Directive**

|   |   |
|---|---|
| <input checked="" type="checkbox"/> EN 55020 : 2010+AC:2011 | <input checked="" type="checkbox"/> EN 55024 : 2010   |
| <input checked="" type="checkbox"/> EN 55032 : 2010+AC:2011 |   |
| <input checked="" type="checkbox"/> EN 61000-3-2:2014       | <input checked="" type="checkbox"/> EN 61000-3-3:2013 |
| <input type="checkbox"/> EN 301 489-1 V1.9.2                | <input type="checkbox"/> EN 301 489-17 V3.1.1         |

**2009/125/EC-ErP Directive**

|  |   |
|--|---|
| <input checked="" type="checkbox"/> EN 50564:2011    | <input type="checkbox"/> (EC) No.107/2009                                     |
| <input checked="" type="checkbox"/> (EC) No.278/2009 | <input checked="" type="checkbox"/> (EC) No.1275/2008 and/or (EU) No.801/2013 |

- 2011/65/EU - RoHS Directive
- 2012/19/EU - WEEE Directive
- Regulation (EC) No. 1907/2006 - REACH

## Harmonized Standard Information

| Standard  | Description  |
|---|--|
| <b>2014/53/EU-RED Directive</b>                   |  |
| EN 301 893 V1.8.1                                 | Broadband Radio Access Networks (BRAN);<br>5 GHz high performance RLAN;<br>Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive   |
| EN 301 893 V2.1.0 (Draft)<br>or TS 103 521 V1.1.1 | Broadband Radio Access Networks (BRAN);<br>5 GHz high performance RLAN;<br>Harmonized EN covering the essential requirements of article 3.2 of Radio Equipment Directive (2014/53/EU)  |
| EN 302 502 V1.2.1                                 | Broadband Radio Access Networks (BRAN);<br>5,8 GHz fixed broadband data transmitting systems;<br>Harmonized EN covering the essential requirements of article 3.2 of Radio Equipment Directive (2014/53/EU)  |
| EN 300 328 V2.1.1                                 | Electromagnetic compatibility and Radio spectrum Matters (ERM);<br>Wideband transmission systems;<br>Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques;<br>Harmonized EN covering the essential requirements of article 3.2 of Radio Equipment Directive (2014/53/EU). |
| EN 62311:2008                                     | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)   |
| EN 303 340 V1.1.2                                 | Digital Terrestrial TV Broadcast Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU   |
| EN 303 372 V1.1.1                                 | Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: Indoor unit   |
| <b>2014/35/EU-LVD Directive</b>                   |  |
| EN 60065:2014                                     | Audio, video and similar electronic apparatus. Safety requirements - Low Voltage Directive (2014/35/EU)  |
| EN 60950-1/A2:2013                                | Information technology equipment. Safety. General requirements (2014/35/EU)  |
| EN 62368-1:2014                                   | Information technology equipment. Safety. General requirements (2014/35/EU)  |
| <b>2014/30/EU-EMC Directive</b>                   |  |
| EN 55020:2007+A11:2011                            | Sound and television broadcast receivers and associated equipment. Immunity characteristics. Limits and methods of measurement   |
| EN 55032 : 2012                                   | Electromagnetic compatibility of multimedia equipment - Emission requirements  |
| EN 55024 : 2010                                   | Information Technology Equipment. Immunity Characteristics. Limits And Methods Of Measurement  |
| EN 61000-3-2:2014                                 | Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| EN 61000-3-3:2013                                 | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤= 16 A per phase and not subject to conditional connection  |
| EN 301 489-1 V1.9.2                               | Electromagnetic compatibility and Radio spectrum Matters (ERM);<br>Electro Magnetic Compatibility (EMC) standard for radio equipment and services;<br>Part 1: Common technical requirements  |

|  |  |
|--|--|
| EN 301 489-17 V3.1.1                         | ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;<br>Part 17: Specific conditions for Broadband Data Transmission Systems;<br>Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU |
| <b>2009/125/EC-ErP Directive</b>             |  |
| EN 50564:2011                                | Household electrical appliances. Measurement of standby power - ErP Directive (2009/125/EC)  |
| (EC) No.107/2009                             | implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for simple set-top boxes   |
| (EC) No.278/2009                             | implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies                              |
| (EC) No.1275/2008 and/or<br>(EU) No.801/2013 | amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment,  |
| <b>2011/65/EU RoHS Directive</b>             |  |
| EN 62321:2009                                | Electrotechnical products. Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)   |

The technical documentation is located at:

**HUMAX Village, 216, Hwangsaoul-ro, Bundang-Gu, Seongnam-si, Gyeonggi-do, 463-875, South KOREA**

**Signed for and on behalf of:** HUMAX Co., Ltd

**Place:** HUMAX Village, 216, Hwangsaoul-ro, Bundang-Gu, Seongnam-si, Gyeonggi-do, 463-875, South Korea

**Date of issue:** JUNE 13, 2017

**Name/Position:** S.I. BAE / R&D Team Manager

**E-mail:** baesi@humaxdigital.com

**Signature:** \_\_\_\_\_



## EU regulatory conformance

|            |  |
|------------|--|
| English    | Hereby, <b>HUMAX Co., Ltd</b> , declares that this <b>TN8000HD</b> is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.   |
| Finnish    | <b>HUMAX</b> vakuuttaa täten että <b>TN8000HD</b> tyyppinen laite on direktiivin 2014/53/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.   |
| Dutch      | Hierbij verklaart <b>HUMAX</b> dat het toestel <b>TN8000HD</b> in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EG  |
|            | Bij deze verklaart <b>HUMAX</b> dat deze <b>TN8000HD</b> voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 2014/53/EC.  |
| French     | Par la présente <b>HUMAX</b> déclare que l'appareil <b>TN8000HD</b> est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/CE  |
|            | Par la présente, <b>HUMAX</b> déclare que ce <b>TN8000HD</b> est conforme aux exigences essentielles et aux autres dispositions de la directive 2014/53/CE qui lui sont applicables                                    |
| Swedish    | Härmed intygar <b>HUMAX</b> att denna <b>TN8000HD</b> står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EG.                                    |
| Danish     | Undertegnede <b>HUMAX</b> erklærer herved, at følgende udstyr <b>TN8000HD</b> overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EF   |
| German     | Hiermit erklärt <b>HUMAX</b> , dass sich dieser/diese/dieses <b>TN8000HD</b> in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 2014/53/EG befindet". (BMW) |
|            | Hiermit erklärt <b>HUMAX</b> die Übereinstimmung des Gerätes <b>TN8000HD</b> mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 2014/53/EG. (Wien)                             |
| Greek      | ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ <b>HUMAX</b> ΔΗΛΩΝΕΙ ΟΤΙ <b>TN8000HD</b> ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/ΕΚ   |
| Italian    | Con la presente <b>HUMAX</b> dichiara che questo <b>TN8000HD</b> è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/CE.  |
| Spanish    | Por medio de la presente <b>HUMAX</b> declara que el <b>TN8000HD</b> cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/CE                         |
| Portuguese | <b>HUMAX</b> declara que este <b>TN8000HD</b> está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/CE.   |