Per Product Test – Application Form

In order to apply for use of the tick mark, applicants must complete (fill in) the following documents. These forms should be completed whilst referencing the **Per Product Testing Paper**.

**

Name and address of the test house

..................................................................................................................................................................

..................................................................................................................................................................

Are you an accredited test house? Y / N (Please circle as appropriate)

UKAS accreditation number (if suitable) ……………………………………………………………..

Please note: If you are not accredited Digital Radio UK will be in touch with further questions.

Tolerances (please provide results, as appropriate):

* C.9 Measurement Uncertainty Calculation – conducated ……………………………
* C C.10 FAR / SAR Radiated Measurement Uncertainty Calculation – radiated ……………………………
* C.12 GTEM Radiated Measurement Uncertainty Calculation – radiated ……………………………

Please complete the tables below

|  |  |
| --- | --- |
| Company name:  |  |
| Company address:  |  |
| Tester name:  |  |
| Email:  |  |
| Phone number: |  |
| Date:  |  |
| Time:  |  |
| Location of test |  |
| Type of chamber used:  |  |
| Make and model of receiver: |  |
| Serial number of receiver:  |  |
| Any other information on the receiver: |  |

Functional tests

Please provide a summary of results below.

|  |  |  |
| --- | --- | --- |
| **TEST** | **Please circle as appropriate** | **DESCRIPTION OF RESULTS** |
| Retuning Test 4 – “DRAP-Tick-Fcn-Test-4 Scan and add another ensemble”Sect A.10 | PASS / FAIL |  |
| DLS Test 3 – “DRAP-Tick-Fcn-Test-3 DLS is displayed and displayed correctly”Sect A.8 | PASS / FAIL |  |
| DLS Test 2 – “DRAP-Tick-Fcn-Test-2 play audio and view label for audio service”Sect A.7 | PASS / FAIL |  |
| Retuning Test 1 – “DRAP-Tick-Fcn-Test-1 scan add new services”Sect A.6 | PASS / FAIL |  |

Sensitivity and performance tests

Please provide a summary of results below, using the applicable method.

|  |  |  |
| --- | --- | --- |
| **TEST** | **Please circle as appropriate** | **DESCRIPTION OF RESULTS** |
| Sensitivity conducted measurement, quantitative test using OOI sine waveSect C.5.1.2 | PASS / FAIL | (Provide results according to table C.8 – see below) |
| Sensitivity conducted qualitative listening test using OOI music streamSect C.5.1.3 | PASS / FAIL |  |
| Sensitivity Radiated measurement, using a Fully Anechoic Chamber / SAR - quantitative test using OOI sine waveSect C.6.1 | PASS / FAIL | (Provide results according to table C.7 – see below) |
| Sensitivity radiated in FAR /SAR, qualitative listening test using OOI music streamSect C.6.3.3 | PASS / FAIL |  |
| Sensitivity Radiated measurement, using a GTEM Chamber - quantitative test using OOI sine waveSect C.6.2 | PASS / FAIL | (Provide results according to table C.11 – see below) |
| Sensitivity radiated in GTEM , qualitative listening test using OOI music streamSect C.6.3.3 | PASS / FAIL |  |
| C.7 Radiated Test Result Template – FAR / SAR **Receiver Make Model and type and serial number****…………………………………………………………………………..** | **Mains voltage / Frequency****…………………………………………….** |
| **Date and time of test****…………………………………………….** | **Test personnel names:****…………………………………………….** | **Box X. Measurement uncertainty value, (U.V.) Xtf in dB for 95% confidence:****…………………………………………….** |
| **List attached files / diagrams / Photos / video clips:****…………………………………………….** | **Other Calibration data / test equipment****…………………………………………….** |
| **A** | **B** | **C** | **D** |
| **Channel** | **Frequency (MHz)** | **PASS / FAIL****Target Threshold** **(dBuV/m) for OOI test using U.V in Box X.** | **OOI test Impairment****recorded?****Yes or no** |
| **5A** | 174.928 | 32.4+ Xtf= |  |
| **10B** | 211.648 | 34.1+ Xtf= |  |
| **10C** | 213.36 | 34.1+ Xtf= |  |
| **10D** | 215.072 | 34.2+ Xtf= |  |
| **11A** | 216.928 | 34.3+ Xtf= |  |
| **11B** | 218.64 | 34.3+ Xtf= |  |
| **11C** | 220.352 | 34.4+ Xtf= |  |
| **11D** | 222.064 | 34.5+ Xtf= |  |
| **12A** | 223.936 | 34.6+ Xtf= |  |
| **12B** | 225.648 | 34.6+ Xtf= |  |
| **12C** | 227.36 | 34.7+ Xtf= |  |
| **12D** | 229.072 | 34.8+ Xtf= |  |

|  |  |
| --- | --- |
| C.8 Conducted Test Result Template**Receiver Make Model and type and serial number****…………………………………………………………………………..** | **Mains voltage / Frequency****…………………………………………….** |
| **Date and time of test****…………………………………………….** | **Test personnel names:****…………………………………………….** | **Box Y. Measurement uncertainty value, (U.V.) Ytf in dB for 95% confidence:****…………………………………………….** |
| **List attached files / diagrams / Photos / video clips:****…………………………………………….** | **Other Calibration data / test equipment****…………………………………………….** |
| **A** | **B** | **C** | **D** | **E** | **F** |
| **Channel** | **Frequency (MHz)** | **PASS / FAIL****Target Threshold****(dBm) for OOI test using U.V in Box Y.** | **OOI test Impairment recorded?****Yes or no** | **PASS / FAIL****Threshold - maximum allowed limit****(dBm) for OOI test** | **OOI test Impairment recorded?****Yes or no** |
|  |  | NB use Column C and D **OR** Column E and F |  |
| **5A** | 174.928 | -97.7+Ytf= |  | -97.3 |  | **1** |
| **10B** | 211.648 | -97.7+Ytf= |  | -97.3 |  | **2** |
| **10C** | 213.36 | -97.7+Ytf= |  | -97.3 |  | **3** |
| **10D** | 215.072 | -97.7+Ytf= |  | -97.3 |  | **4** |
| **11A** | 216.928 | -97.7+Ytf= |  | -97.3 |  | **5** |
| **11B** | 218.64 | -97.7+Ytf= |  | -97.3 |  | **6** |
| **11C** | 220.352 | -97.7+Ytf= |  | -97.3 |  | **7** |
| **11D** | 222.064 | -97.7+Ytf= |  | -97.3 |  | **8** |
| **12A** | 223.936 | -97.7+Ytf= |  | -97.3 |  | **9** |
| **12B** | 225.648 | -97.7+Ytf= |  | -97.3 |  | **10** |
| **12C** | 227.36 | -97.7+Ytf= |  | -97.3 |  | **11** |
| **12D** | 229.072 | -97.7+Ytf= |  | -97.3 |  | **12** |
| C.11 GTEM Radiated Test Result Template (same thresholds as for SAR / FAR)**Receiver Make Model and type and serial number****…………………………………………………………………………..** | **Mains voltage / Frequency****…………………………………………….** |
| **Date and time of test****…………………………………………….** | **Test personnel names:****…………………………………………….** | **Box X. Measurement uncertainty value (U.V.) in dB for 95% confidence:****…………………………………………….** |
| **List attached files / diagrams / Photos / video clips:****…………………………………………….** | **Other Calibration data / test equipment****…………………………………………….** |
| **A** | **B** | **C** | **D** | **E** | **F** |
| **Channel** | **Frequency (MHz)** | **PASS / FAIL****Target Threshold** **(dBuV/m) for OOI test using U.V in Box X.** | **OOI test Impairment recorded?****Yes or no** | **PASS / FAIL****Threshold - maximum allowed limit** **(dBuV/m) for OOI test** | **OOI test Impairment recorded?****Yes or no** |
|  |  | NB use Column C and D OR Column E and F |  |
| **5A** | 174.928 | 32.4+Xtf= |  | 36.4 |  | **1** |
| **10B** | 211.648 | 34.1+Xtf= |  | 38.1 |  | **2** |
| **10C** | 213.36 | 34.1+Xtf= |  | 38.1 |  | **3** |
| **10D** | 215.072 | 34.2+ Xtf= |  | 38.2 |  | **4** |
| **11A** | 216.928 | 34.3+ Xtf= |  | 38.3 |  | **5** |
| **11B** | 218.64 | 34.3+ Xtf= |  | 38.3 |  | **6** |
| **11C** | 220.352 | 34.4+ Xtf= |  | 38.4 |  | **7** |
| **11D** | 222.064 | 34.5+ Xtf= |  | 38.5 |  | **8** |
| **12A** | 223.936 | 34.6+ Xtf= |  | 38.6 |  | **9** |
| **12B** | 225.648 | 34.6+ Xtf= |  | 38.6 |  | **10** |
| **12C** | 227.36 | 34.7+ Xtf= |  | 38.7 |  | **11** |
| **12D** | 229.072 | 34.8+ Xtf= |  | 38.8 |  | **12** |

Declaration of Conformity



*I*

 *................................ ................................*

*(Job title: ............................................................. )*

*Representing the organisation:*

*...................................................................................................................................................*

*Declare that the following product (make and model):*

*...................................................................................................................................................*

*Uses the following technology provider chipset and software:*

 *...................................................................................................................................................*

*Has completed and passed the Digital Radio Per Product Test.*

*Signed .............................................................*

Date …………………………………………………………

*REFERENCE NUMBER (FOR DIGITAL RADIO UK PURPOSES): …………………………………………………*