

Yunus
Faziloglu/USA/VERITAS

03/02/2007 09:13 AM

To :Kathlene McQuaid/USA/VERITAS

cc

bcc

Subject CS02492 Eurocave FCC ID: UXLORIGINE1 TCB Questions

----- Forwarded by Yunus Faziloglu/USA/VERITAS on 03/02/2007 09:12 AM -----



Jacques
Lorquin/FRA/VERITAS

03/01/2007 09:52 AM

To Yunus Faziloglu/USA/VERITAS

cc

Subject Réf. : CS02492 Eurocave FCC ID: UXLORIGINE1 TCB
Questions

Hi Yunus,

Please see answer below.

Best Regards,

Jacques LORQUIN



Jacques LORQUIN

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Yunus Faziloglu

Yunus Faziloglu
28/02/2007 01:10

Pour : jacques.lorquin@lcie.fr
cc :
Objet : CS02492 Eurocave FCC ID: UXLORIGINE1 TCB Questions

Hi Jacques,

Please address the following issues for this application,

1. The operational description document needs to clarify any differences between the base and the remote unit in details. For the both units to share the same FCC ID, RF circuits must be electrically identical. Operational description must clearly state this fact.

The RF circuits are electrically identical, only antenna printed on board is different. See file operational description, rev2.pdf.



Oper_Descr_uwl,rev2.pdf.zip

2. The test setup shows that the base was tested with a refrigerator and the remote unit was in the holder. Regarding the setup please address the following

- i. How was it ensured that this would be the worst case setup? Some emissions are very close to the limits. If the base unit can be installed in other refrigerators, this margin can be affected.
- ii. Can the remote control be used away from the refrigerator? If so, the setup does not necessarily represent the worst possible case. If the remote is handheld, it can be in different orientations.
- iii. Why weren't the base and the remote tested separately outside the refrigerator?

A pre-qualification in anechoic chamber has been performed to find the worst case:

- Measure with remote control (ORIGINE Afficheur) only put on table, on 3 axes (X, Y, Z).
- Measure with ORIGINE puissance with cellar only.
- Measure with ORIGINE puissance and ORIGINE afficheur in the holder.

The worst case is Measure with both units; consequently, all test results of test report are for the ORIGINE Afficheur in the holder of ORIGINE puissance.

Only 2 cabinets are suitable with the ORIGINE unit, the test is performed with the bigger.
See test report rev2



200611-3431C-R1-E,rev2.pdf.zip

3. In section 5 of the report the margin of -13.0dB seems incorrect for 92.7dBuV/m. Please clarify/correct.
The margin is 94dBuV/m – 92.7dBuV/m = -1.3dB. See test report rev 2.

4. Section 7 of the report shows a Band-edge reading of 126kHz. Please clarify what this is and supply a plot of the fundamental to support this.

The Band-edge measured on section 7 is the 99% occupied bandwidth requested by industry Canada. It's an anticipation of the next submission for the Canada. See test report rev 2 for the plot.

5. Please supply the complete user/installation manual of the devices.
[See user's manual attached with this email.](#)



User_guide.pdf.zip

Best Regards,

Yunus Faziloglu
Curtis-Straus LLC
Bureau Veritas