

From: Turkkila Marko [marko.turkkila@ette.com]
Sent: Wednesday, May 10, 2006 12:47 AM
To: David Chernomordik ES-Mpk
Cc: Monica Roos ES-STO
Subject: RE: Application review, FCC ID:RYP12121

Dear David,

1) I got following answer from the customer:

We transfer 104 bits in every 150 us. That makes 5 times 104 bits per one second = 520 bits/s. There is only one operation mode to the transmitter so this is the worst case.

Is this ok?

2) Thanks for the information. This is something I didn't notice. Should I update the report with this information?

Thanks,
Marko Turkkila
Natlabs Oy

-----Original Message-----

From: David Chernomordik ES-Mpk [mailto:david.chernomordik@intertek.com]
Sent: 10. toukokuuta 2006 4:50
To: Turkkila Marko
Cc: Monica Roos ES-STO
Subject: Application review, FCC ID:RYP12121

Dear Mr. Turkkila,

By reviewing the Application, I have the following questions/comments:

1) Your Duty Cycle (DC) calculation (report page 20) based on transmission Time ON, $T_{on} = 0.15$ ms and Time OFF, $T_{off} = 200$ ms - 0.15 ms.

In the Operational Description, the data rate is 520 bps, so the time T_{on} looks too short.

Please confirm that the numbers used in the report are the worst case - longest T_{on} and shortest T_{off} in normal operation.

2) For your information, according to the FCC Rule 15.35(c), the DC shall be calculated in 100 ms interval.

It is not a big difference if the worst case T_{on} is 0.15 ms.

Please clarify ASAP.

Thanks

David Chernomordik
EMC Technical Manager
Intertek ETL SEMKO