

Helen Zhao

Subject: FW: Topcon Corporation, FCC ID: H5P-FC200NJT499, Assessment NO.: AN06T6283, Notice#1



Exhibit M7R_EUT
Photographs.pdf...



Exhibit M2R_SAR
Test Report.pdf...



Exhibit
R_System Validation



Exhibit M4R_SAR
Test Plots.pdf...



Exhibit M5R_Probe
Certificati...



Exhibit
6R_Validation Dipole_



Exhibit M1R_Test
Report.pdf

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

From: miura-katsunori

Sent: Wednesday, April 4, 2007 8:15 PM

To: Helen Zhao

Cc: Mike Kuo

Subject: Re: Topcon Corporation, FCC ID: H5P-FC200NJT499, Assessment
NO.: AN06T6283, Notice#1

Dear Helen

A long time no letter to you. It is Miura.

The re-measurement of SAR about Topcon Corporation's project was
finally
finished.

I send the test reports about this.

Please confirm the attached reports.

Best regards,

Katsunori Miura

Katsunori Miura

> > From: miura-katsunori

> > Sent: Thursday, November 30, 2006 5:46 PM

> > To: Helen Zhao

> > Cc: Mika Kaneko; Mike Kuo

> > Subject: Re: Topcon Corporation, FCC ID: H5P-FC200NJT499, Assessment

> > NO.: AN06T6283, Notice#1

> >

> >

> > Dear Helen

> >

> > I am sorry to reply late.

> > We are writing to you in reply to e-mail of November 10, 2006.

> >

> > #1: I am sorry, this is my mistake.

> > The correct FCC ID is "H5P-FC200NJT-499".

> > Please correct the FCC ID.

> >

> > #2: I made a correction of the document.

> > Please confirm file number "Exhibit E3-Operational_Description"

> > and "Exhibit G1-Block_Diagram".

> >

> > #3: I made a correction of the document.

> > Please confirm file number "Exhibit L1-Users_Guide".

> >
> > #4 to #8: We are going to do SAR test immediately.
> >
> > Best Regards,
> >
> > Katsunori Miura
> >
> >
> > -----Original Message-----
> > Sent: Friday, November 10, 2006 12:15 AM
> > Subject: Topcon Corporation, FCC ID: H5P-FC200NJT499, Assessment
NO.:
> > AN06T6283, Notice#1
> >
> >
> > Question #1: The cover letter of the application shows FCC ID:
> > H5P-FC200NJT-499, Form 731 shows FCC ID: H5PFC200NJT-499, the rest
of
the
> > filing shows FCC ID: H5P-FC200NJT499. Please clarify which is the
correct
> > FCC ID.
> >
> > Question #2: The operational description and user manual all show
TX/RX
> > frequency range is 2412-2472MHz, 13 channels, but the test report
includes
> > test data in 2412-2462MHz band only. If 2462MHz is the highest
channel
> > that
> > will be used in US, please update the operational description and
user
> > manual to list clearly the frequency range and channels that will be
> > supported in US and the mechanism to prevent the end users from
using
> > unauthorized channels in US.
> >
> > Question #3: The user manual in the filing is for the host device
FC200
> > which contains the module that is seeking limited modular approval
by
this
> > filing. The user manual says, "NOTE: The device to which
FC200-NJT-499
is
> > installed must display a FCC ID above", which does not comply with
FCC
> > modular approval requirement. The device in which FC200-NJT-499 is
> > installed
> > must display "Contains TX FCC ID: XXXXXX". The FCC ID: XXXXX should
be
> > displayed on the module itself. Please update the manual.
> >
> > Question #4: The EMC test report (page 17) indicates "The TX rate
under

> the
>> tests is 11Mbps (IEEE802.11b) by the applicant request." Please note
you
>> need to evaluate all modes, all data rates, etc. in order to
determine
the
>> worst case to perform full test. Please provide supporting data to
show
>> 11b - 11Mbps, 11g - 54Mbps are the worst case: highest power,
broadest
>> occupied bandwidth, etc. Otherwise, you may need to re-evaluate and
redo
> the
>> test with worst case.
>>
>> Question #5: The EMC test report (page 37) indicates the test plot
is
for
>> 11b mode (11Mbps), please confirm if it is a typo.
>>
>> Question #6: The SAR test report shows the test was perform at 11b
-
> 1Mbps,
>> 11g - 6 Mbps, which is different from EMC test. Please explain why
you
> chose
>> 11b - 1Mbps, 11g - 6 Mbps as worst case for SAR test.
>>
>> Question #7: The SAR test report indicates max. average conducted
power:
>> 11b: > 8dBm
>> 11g: < 0dBm
>>
>> But the EMC report indicates max peak conducted power:
>> 11b: > 15dBm
>> 11g: > 16dBm
>>
>> Please explain why there is huge difference between peak power and
average
>> power. NOTE: Based on FCC regulation, SAR test must be performed
with
> equal
>> or higher power level that was used for EMC test. SAR test with
much
> lower
>> power level means nothing.
>>
>> Please report max. average conducted power measurements (11b/11g,
L/M/H)
> in
>> EMC report to correlate the power level in SAR report. A retest with
the
> new
>> average conducted power level is necessary.
>>
>> Question #8: The SAR test report includes test data when the WLAN
module
>> co-located with bluetooth. Please specify bluetooth module's FCC ID,
and
>> provide Bluetooth module/ antenna location in the host device FC200.
>>
>> Best Regards,
>> Helen Zhao

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> > The items indicated above must be submitted before processing can
continue
> > on the above referenced application. Failure to provide the
requested
> > information within 30 days of the original e-mail date may result in
> > application dismissal and forfeiture of the filing fee. Also, please
note
> > that partial responses increase processing time and should not be
> submitted.
> > Any questions about the content of this correspondence should be
directed
> to
> > the e-mail address listed below the name of the sender.
> >
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