

Chris Harvey

From: Reinke, Holger [Holger.Reinke@7layers.de]
Sent: Monday, October 21, 2002 8:02 AM
To: 'CHarvey@metlabs.com'
Cc: Lohoff, Torsten
Subject: RE: FCC interpretation



responseWFG.pdf



responseMZT.pdf

Dear Chris,

please find attached the new SAR measurements performed by IMST and 7layers.

Please let me know as soon as possible whether everything is ok now.

Best regards

Holger

> -----Original Message-----

> From: CHarvey@metlabs.com [mailto:CHarvey@metlabs.com]
> Sent: Monday, October 14, 2002 7:05 PM
> To: Reinke, Holger
> Cc: CHarvey@metlabs.com; Lohoff, Torsten
> Subject: RE: FCC interpretation

>

>

> Holger, I had sent this e-mail on Friday morning, but did not
> get a reply
> back. I want to be sure that you did receive this additional
> clarification
> on the Requested Technical Information. Please acknowledge
> receipt (as
> Torsten is apparently away for vacation).

>

> Best regards,

>

> Chris Harvey

>

> Chris Harvey

> MET Laboratories EMC
> charvey@metlabs.com
> www.metlabs.com
> 800-638-6057

>

>

> > -----Original Message-----

> > From: Chris Harvey
> > Sent: Friday, October 11, 2002 8:52 AM
> > To: 'Lohoff, Torsten'; 'CHarvey@metlabs.com'
> > Cc: Reinke, Holger
> > Subject: RE: FCC interpretation

> >

> > The section of this interpretation, which was already being
> evaluated by

>> MET is the issue. The output power interpretation of
> question 2, copied
>> here, indicates that the power measurement, in addition to the drift
>> measurements, need to be performed at the time of SAR
> testing. The report
>> implies that the EIRP measurements were made at 7Layers,
> possibly at a
>> different time than the SAR measurements. If the RF power
> measurements
>> were performed in conjunction with the SAR test (either
> before, after or
>> during) then please explain this and the issue will be
> clear. If the EIRP
>> measurements were performed at a different time than the
> SAR measurements
>> then we would need some level of assurance that the RF
> power of the phone
>> was at the highest power. This could be accomplished by
> performing one
>> SAR measurement along with an EIRP measurement which should
> be comparable
>> to the EIRP and one of the SAR scans from the original report.
>>
>> .
>>

>> 2. Under the section "Output Power" (page 49): would other
>> procedures, such as drift measurements, be acceptable
> alternatives for

>> conducted power measurements before and after each scan?

>>
>> A conducted output power measurement either
> before or after
>> the SAR test is needed to quantify the output power level
> supported by the
>> SAR test results. SAR drift measurements, as described in
> Supplement C,
>> may be used to verify the output power stability of a
> device during the
>> SAR measurement.

>>
>> Follow up questions - Is measuring conducted
> output power
>> before or after the entire sequence of SAR scans (instead of each
>> individual SAR scan) acceptable? For some handsets it is
> not possible to
>> measure conducted output power without opening the unit.
> This can risk
>> damaging the handset, as some are not designed to be opened.

>>
>> When SAR drift measurements are used to verify
> the output
>> power stability of a test device during SAR measurements,
> the conducted
>> output power levels of the test sample(s) at the frequency
> channels tested
>> for SAR may be measured before, after or during the SAR
> measurements.
>> When conducted output power measurements require the device to be
>> disassembled, such measurements should be performed after
> all SAR tests
>> are completed.
>>

>> I hope I have provided the guidance necessary to complete this
>> application.
>>
>> Best regards,
>>
>> Chris Harvey
>>
>> Chris Harvey
>> MET Laboratories EMC
>> charvey@metlabs.com
>> www.metlabs.com
>> 800-638-6057
>>
>>
>> -----Original Message-----
>> From: Lohoff, Torsten [SMTP:Torsten.Lohoff@7layers.de]
>> Sent: Friday, October 11, 2002 2:50 AM
>> To: 'Charvey@metlabs.com'
>> Cc: Reinke, Holger
>> Subject: FCC interpretation
>>
>> Chris,
>>
>> the SAR lab send me the attached document. It was
> downloaded from
>> the FCC
>> website. (e-filing / interpretations database > full
> text search >
>> searching
>> for 'supplement C').
>> This document addresses the issue - maybe you can check the
>> interpretation.
>>
>> Best Regards
>>
>> Torsten
>>
>>
>>
>>
http://hraunfoss.fcc.gov/eas_public/SilverStream/Pages/pg_html_fts_res.htm
> I?
> letter=1202
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> 29.doc;jsessionid=@59a6cc:f0c9414284.doc >>