



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

October 5, 2004

RE: Sagem SA

FCC ID: M9H95S2004

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) Please provide a Block Diagram for the RF section of this device. Only a system level diagram was provided.
- 2.) I find it difficult to identify the transmitter section of the Schematics – I cannot seem to correlate it with the supplied Operational Description. Please review. If it exists and I have missed it, my apologies. Kindly indicate where in the schematics the parts listed in the Operational Description can be found.
- 3.) Kindly look at the Test Report, page 4. No earphone is listed but one is plainly shown in the photographs. Please review any accessories that the manufacturer anticipates shipping with the phone.
- 4.) The EIRP seems quite low for a 1 Watt peak conducted power device. Kindly review and check your results. You may wish to consider either raising the equipment to 1.5M inside a semi-anechoic room or testing in a full anechoic room using the substitution method. For reference please see TIA/EIA 603.
- 5.) Please review your Field Strength of Transmitter Spurious Emissions test. No spurious emissions are even seen above the noise floor. In addition, no carrier is observed in your plots – only the cell site emulator is identified. This seems too good to be true. I do expect to see some harmonic data even if it is substantially below the limits. Was the transmitter even on during these tests? Please check.
- 6.) Please provide a Battery End Point (BEP) value used during frequency vs. voltage stability testing.
- 7.) This device uses a USB cable for synchronizing with a computer. Consequently both the Licensed rules for Parts 2 and 24, and the Unlicensed unintentional radiator rules of Part 15 will apply. Was a DoFC performed on the digital portion of this equipment? Or is a Certification to Part 15B desired. If a DoFC is desired then the label must be changed.
- 8.) Labeling can be a little tricky for this device. When used as a receiver, the statements of 15.19(a)(1) apply; but when used as a computer peripheral the two-part statement of 15.19(a)(3) applies. Kindly revise the Manual. In addition, language pertaining to 15.21 could not be found. Again, if I missed it, my apologies – please indicate where it may be found.

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President and Director of Engineering

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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 may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. 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 sender.