

Lucent Technologies
Bell Labs Innovations



subject: **Reply Letter to the FCC Concerning The FCC Class II
Permissive Change For the PCS CDMA MicroCell 12W ICLA
Filed Under FCC ID: AS5CMP-27.**

date: **May 13, 1999**

from: **W. S. Majkowski
Org. JW83BC000
1C-224C
973-386-3812**

**Mr J. Dichoso
FCC Application Processing Branch
jdichoso@fcc.gov**

Re: FCC ID AS5CMP-27
Applicant: Lucent Technologies Inc.
Correspondence Reference Number: 7653
731 Confirmation Number: EA93863
Date of Original E-Mail: 05/07/1999

Dear Mr. Dichoso

Thank you for your email to Jane Zakutansky dated May 7, 1999. As requested I have uploaded the Block Diagrams, Transmit Performance requirements and the jpeg photos of the specific AS5CMP-27 Transmit Filter Assemblies for PCS Blocks C, D and F. These photos are the exact units for which pass-band data was provided in Exhibit 9 of the Class II Change application requesting expanded spectrum. All of the Transmit port performance measurements were made with the exact units shown as well. Please note that to ensure consistent compliance with FCC requirements and to ensure Lucent Quality, all of our FLEXENT CDMA transmit filter assemblies are supplied pre-tuned to Lucent requirements, do not contain any "field or factory adjustments" and in some cases are welded shut.

Upon examination of the photos you will see that these filters are indeed passive, cavity tuned devices and do not contain any active components. Schematics exist only as block diagrams or as interconnection drawings and convey little real information pertaining to performance. Any pictures taken of the internal structures polished surfaces, although poor due to reflection, are highly proprietary and some units have pending patent applications. Will the FCC keep these pictures confidential if Provided....or can Lucent, if necessary, provide additional pertinent performance data in order to document their robust design over temperature and shock?

Additionally the disassembly of these units would destroy their "as tested" performance characteristics permanently and will require their remanufacture before reuse or replacement. We would prefer to keep the devices intact in order to more accurately assess the performance/ revision of active devices over time and to provide requested timely additional interference data to the FCC and their Licensed Service providers.

Thank you very much for your prompt attention.

Sincerely

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CC: J. Zakutansky