Electronic Compliance Laboratories, Inc.

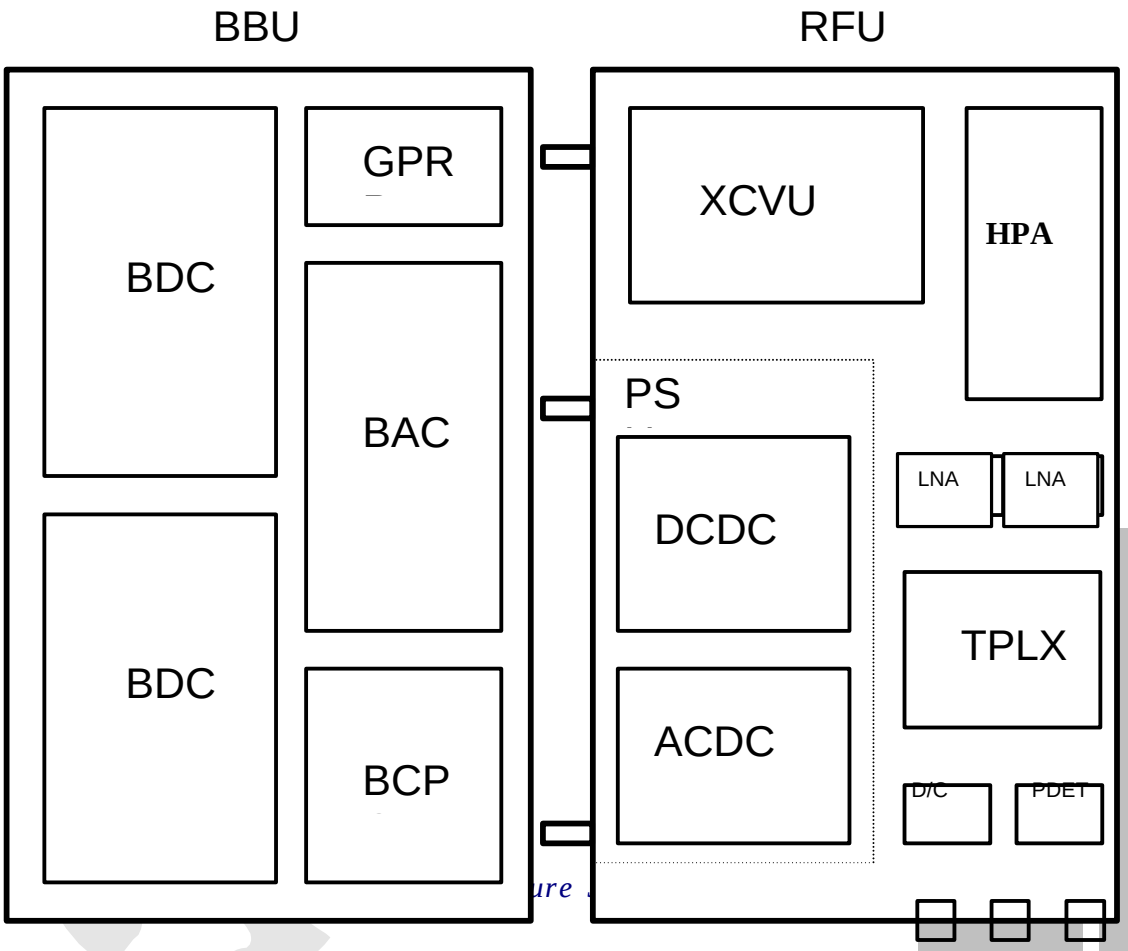
HYUNDAI-CKLPIC800

ATTEN: Joe Dichoso

FCC ID Number:	**CKLPIC800**
Correspondence Reference Number:	**13464**
731 Confirmation Number:	**EA97049**
Date of Original E-Mail:	**04/14/2000**

1) **Provide the block diagram.**

1.1 Inside-BLOCK DIAGRAM



2. SPECIFICATIONS

The system requirements for the Pico BTS are described in this chapter.

2.1.1.1 Functional Specifications

2.1.2 Operating Frequency

The Pico BTS operates at frequencies specified in the following table.

Table 4.1.1-1 DCS Operating Frequency

Items			Specifications	Comments
Frequency *	B-Block	**Transmit**	880 - 890 MHz	Base Station Transmit
		Receive	835 - 845 MHz	Base Station Receive
Frequency Assignment (FA)			1	Maximum 1FA/Omni
Sector			1	Maximum 1FA/1Sector(Omni)
Channel Elements			32	2 Channel cards
Number of Channel Elements/Card			16	CSM
Number of Trunks for BSC			1 T1 (or 1 E1)	The other 1 T1 (or 1 E1) is used for daisy-chain of Pico-BTSs.
RF Output (at room temperature)			8 Watts	Maximum at the antenna port
RF Output (over all temperature range) **			10 Watts	Maximum at the antenna port

* For the other frequency blocks in 800MHz cellular band, it needs to replace only the duplexer/receive filter (triplexer) with another triplexer for those blocks.

** In higher or lower temperature than room temperature, the transmit RF power may be greater than 8 Watts. So maximum power at the antenna port should be defined as ***10 Watts***.

2) What is the emission designator? For an CDMA signal that is 1.25 MHz wide, it is 1M25F9W.

1M25F9W is CORRECT

3) Provide an occupied bandwidth plot. Usually the 99% BW function on the analyzer is used.

Next three (3) Pages display the plots taken with 99% Measurement Function being utilized.

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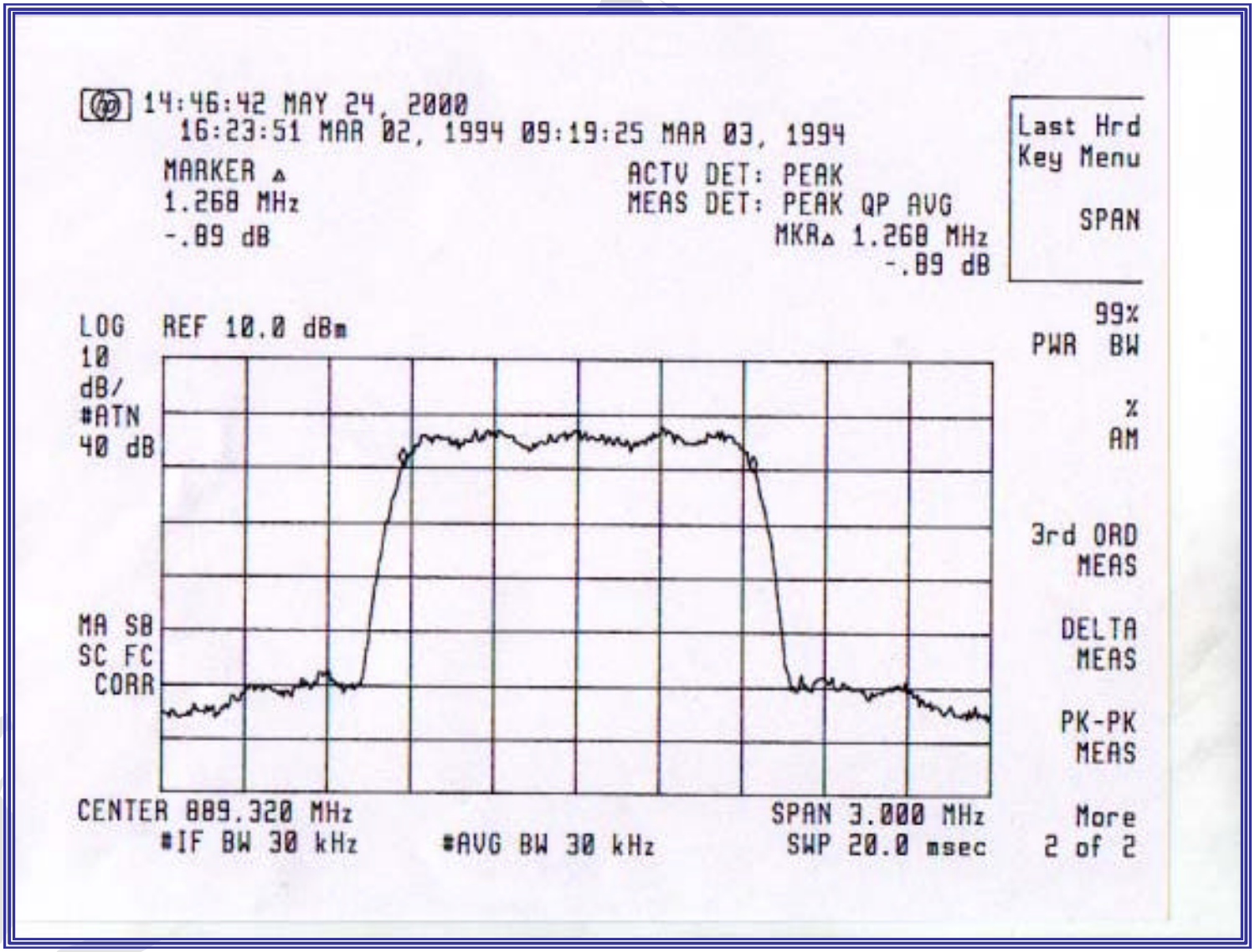
99% BANDWIDTH PLOTS (3 CHANNELS)



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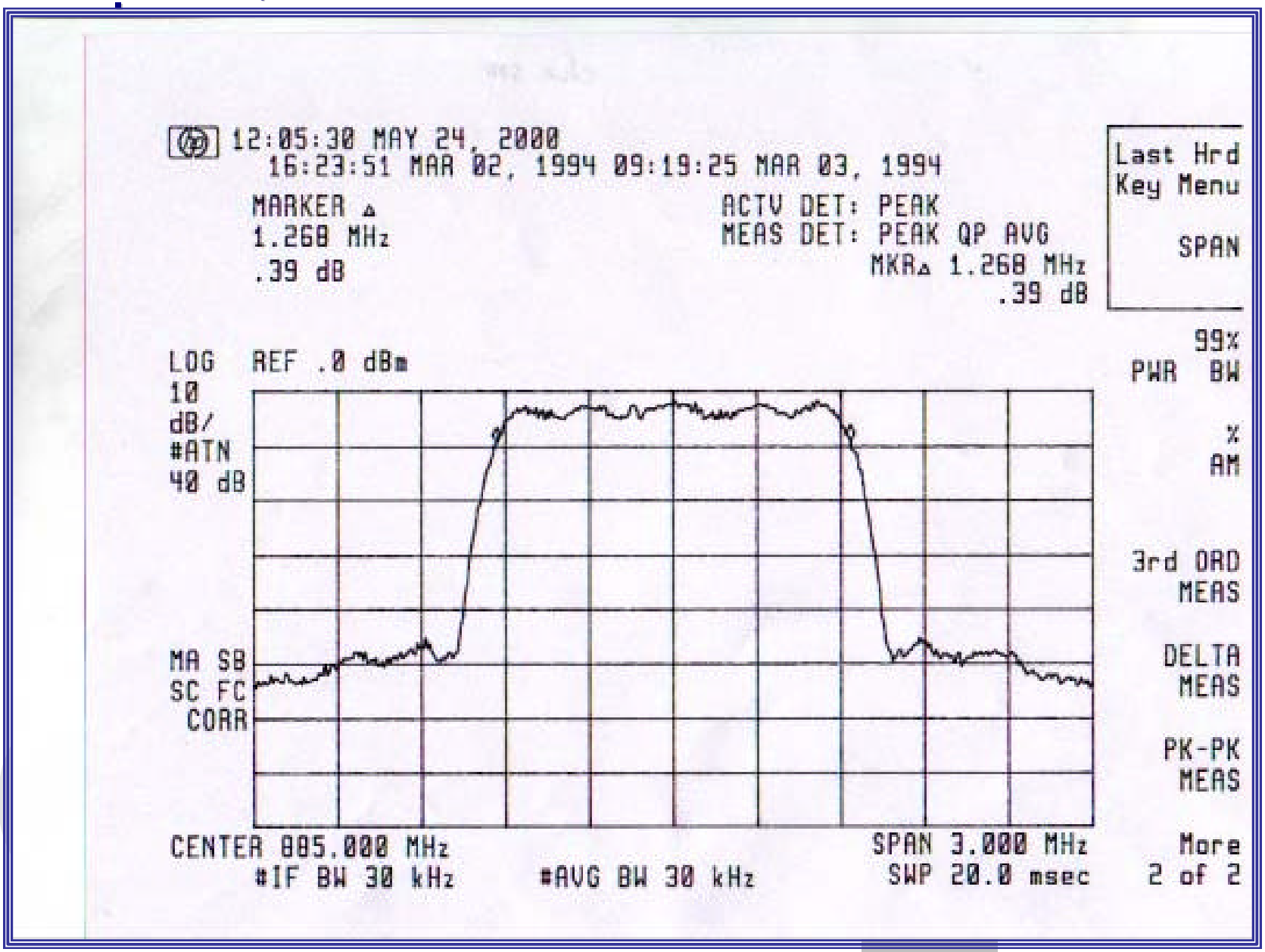

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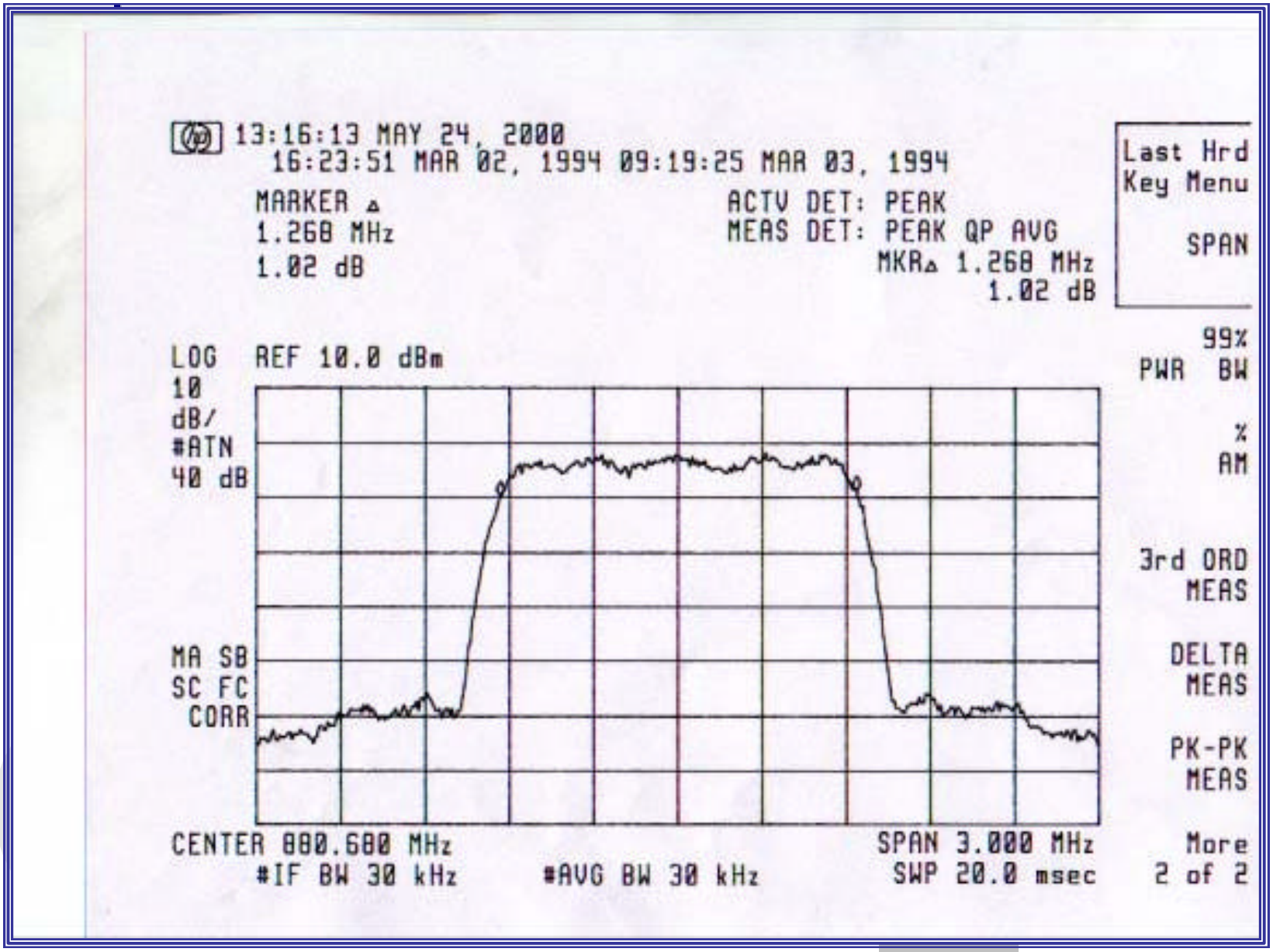

4) Indicate the correct frequency range from the center frequency of the lowest channel to the center frequency of the highest channel. The manual indicates 869-894 operation range while you requested 835-890 MHz. Please explain.

BASICALLY, the 835-890 are the frequencies in which the unit Operates. As you see from TABLE that I have inserted above for question (,

The UNIT transmits (Tx) at 880 - 890 MHz

The UNIT receives (Rx) at 835 - 845 MHz

So, when asked the "operation of the device" It should be written as the above statement.

5) Provide the antenna conducted data showing compliance with the spurious conducted limits and at the band edges of the frequency range on the lowest and highest channels.

You can see all the conducted plots located in Appendix C of the test Report the Antenna data is available in the specification sheets located in Appendix E. These two (2) appendicies are going to be uploaded once again in case it is missing pages or may have gotten lost.

6) FYI... The label msut be corrected. The part 15 reference is misleading.

Could you be more specific and advice as to what you are expect to appear?

I Hope you will find this information answers the questions which you have concerns with. Please do not hesitate to contact me if you have other matters which need to be addressed.

Thanks Joe,

Chip Matheny
EC Labs, Inc.