From: Tom Cokenias [tom@tncokenias.org]
Sent: Monday, May 07, 2001 4:21 PM
To: mkuo@ccsemc.com
Subject: Re: FOXCOM WIRELESS LTD., FCC ID:OJFLITENNA0LF0SP1, AN01T1242

>Notice_content
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>Question #1: Since only the remote hub contains RF transmitter, the proposed
>FCC ID label should only be located on the remote hub. Please remove
>the FCC ID label on the base station.

ANS1 Modified label attached

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>Question #2: Please provide the letter for requesting confidentiality.

ANS2 Confidentiality letter attached

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>Question #3: RF output : The RF output power levels indicated on the attached
plots do not agree with the levels listed on the page 1 of test report. Plot
number:
>15,24,7,31,39 and 47.

I reviewed the plots and believe measured data is consistent with design data, within allowed measurement variations. I have summarized data in the following table:

Plot #	IN/OUT	Modulation	Design Power Output, dBm	Meas. Power, dBm
15	OUTPUT	CDMA	24	7 + 10 log(1.25/0.030) = 23.2 dBm
24	INPUT	TDMA	24	6.43 (input plot)
23	OUTPUT	TDMA	24	24.7 (output plot)
7	OUTPUT	AMPS	24	24.17
31	OUTPUT	LMR	24	24
39	OUTPUT	IDEN	24	25
47	OUTPUT	SMR	24	24.67

For plot 15, power was measured in 30 kHz, and emission bandwidth is 1.25 MHz.
By adding 10*log(1.25/0.030) dB to the measured reading the power in the full bandwidth can be calculated and is within 1 dB of design maximum.

Plot 24 is actually an input, Plot 23 is the TDMA output and is within a dB of the design maximum. I checked the others and they all seem to be within the design maximum as well.

>Question #4: Page 2 of test report, under max. power rating. Please remove
Part 24 reference.

ANS4 Attached is new report with this change.

>Question #5: Please note that the attenuation requirement for radiated spurious emissions as prescribed under Part 90.210(J) is 50 + 10log (p). Please justify
>approval under Part 90 requirement.

QUESTION 5

As you know, the product consists of two filter/amplifier units connected together by fiber optic cable. One unit, the base, connects via coax cable to the RF output of the building BTS. The building BTS units are separately certified by their manufacturer, the BTS units have audio filtering and meet the less stringent 90.210(i) mask (43 + 10logP attenuation). The upstream handsets have audio filtering as well. Since there are no frequency translating or generating circuits in the LITENNA products (only amplifiers), the output bandwidth of the LITENNA is a function of what is fed into the base station, and as this emission meets the 43+10logP attenuation requirement, that is all the LITENNA output is required to meet.

Question #6: Please provide evaluation to satisfy RF exposure requirement.

ANS 6 MPE information is attached.

best regards

Tom

>
>Best Regards
>
>Mike Kuo / TCB Certifier
>The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 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.