Helen Zhao

To: "Tom Cokenias' (E-mail)'
Subject: RE: Alvarion Ltd., FCC ID: LKT-VL-IF, Assessment NO.: AN06T5548, Notice#1

Hi Helen,
Answers follow questions. If you have questions or need further info
please let me know asap so we can complete this certification.
best regards
Tom

-----Original Message-----
From: Compliance Certification Services [mailto:helen.zhao@ccsemc.com]
Sent: Thursday, March 02, 2006 5:15 PM
Subject: Alvarion Ltd., FCC ID: LKT-VL-IF, Assessment NO.: AN06T5548,
Notice#1

Question #1: This device has filed many class II permissive changes, to include more antennas. Please provide a complete list of the antenna that will be covered by this filing. Please resubmit antenna specs as well as the test report references Antenna part numbers.

ANS1 3 antennas are listed below (same table as in attached test report on p.11).

	Name	Freq. (GHz)	Gain (dBi)	P/N or Model	Type
1	MTI (AU)	5.15-5.875	16	AN 1152	Sector antenna MT-484033/NV
2	UNI-28-4 (SU)	5.15-5.875	28	AN 1230	Planar Array MT 4860001 Unidirectional antenna
3	SP2-5.8 (SU)	5.15-5.875	28	AN 1133	Parabolic antenna

Attached please find the antenna spec.

Question #2: The parabolic type antenna with 31.2dBi gain was added in the previous filing, please explain why this class II test was done with 28dBi parabolic gain only. On the other hand, the uni-directional antenna with 28 dBi was never included in the previous filings, but included in this Class II filing, please submit antenna spec.

ANS 2 (from Alvarion) the test report was done with 3 antenna types 1. Parabolic. 2. flat panel 28dbi
3. Sector antenna. Parabolic antenna 31.2 dbi gain is not required for certification

Question #3: The plots shown in test report section 7.6.4 do not agree with plot number shown on page 26 of the test report. Please check and reorganize the plots.

ANS 3. (from Alvarion) there is a mistake in report in plot numbering
In the mean time I attach a correct table in word.doc

Question #4: The class II change cover letter as well as the operational description it refers indicate RF chipsets have been changed from AR5111+AR5211 to AR5112+AR5212. Based upon FCC2.1043(a), "Changes to the basic frequency determining and stabilizing circuitry (including clock or data rates), frequency multiplication stages, basic modulator circuit or maximum power or field strength ratings shall not be performed

without application for and authorization of a new grant of certification." So the change may not be granted under Class II permissive change scheme, it may be granted by a new certification. Please justify why this is a qualified Class II permissive change application.

ANS5 Attestation statement is attached.

Question #5: This device has been certified for operating from 5730MHz to 5835MHz, as specified on the grants. This Class II filing shows operating frequency has been changed to 5735-5840MHz. Compared to the grants, it seems the operating frequency has been shifted. Please confirm which is true and explain how to achieve this. Has any frequency determination circuitry been changed?

ANS6 (from Alvarion) There was no change in the frequency determination circuit. The crystal oscillator is the same and the frequency generation in the chip is similar.

Best Regards,
Helen Zhao

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 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.