

From: Tom Cokenias [tom@tncokenias.org]
Sent: Wednesday, March 27, 2002 5:21 PM
To: Mike Kuo
Subject: Re: FW: Breezecom Ltd., FCC ID:LKT-DS58, AN02T1907

ANS1. Attached are correct MPE calculations. Note the 28.5 dish gain is expressed as 29 dBi because I found out from Alvarion it is max 29, typical 28.5. I have also updated the table in the test report and the user manual to reflect this change.

ANS2 The integral antenna is for the end user (subscriber) installation. This antenna only talks to the base station so it is point to point always. 28.5/29 dBi dish is point to point, omni 7.5dBi is point to multi-point, and sector 17 dBi is point to multipoint and Point to Point .

ANS3 I separated out the power density plot and it is attached, it seems to be a clear plot

ANS4 I re-wrote the paragraph in the report to make it clear how I determined the required out of band field strength using the $E/m = (\sqrt{30 \cdot P \cdot G})/d$ meters relationship. This way you don't need to follow the tedious math that converts everything to dB

-----Original Message-----

From: CERTADM
Sent: Wednesday, March 27, 2002 5:10 PM
To: 'mkuo@ccsemc.com'
Subject: Breezecom Ltd., FCC ID:LKT-DS58, AN02T1907

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Question #1:Antenna type and Antenna gain: In the test report, Four type of antennas were tested. The antenna gains are : Integral-21dBi; Omni-7.5dBi; Sector-17dBi; and Dish-28.5dBi. However, in the MPE calculation, the antenna gain used for calculation are different than those documented in the

test report. Please verify the information again and provide revised test data as necessary.

Question #2: Please confirm : Antennas for point-to-point are: Integral(panel) antenna with 21dBi gain and Dish/Sp2-5 antenna with 28dBi gain. For point-to-multipoint are : Omni with 7dBi gain, Sector with 17dBi gain and Integral antenna with 21dBi gain.

Question #3: Power Density plots can not be read. Please provide a clear copy of plots.

Question #4: Please explain how you calculate 95.24dB in the page 4 of test report .

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.