Mike Kuo

From: Claire Hoque
Sent: Wednesday, April 26, 2006 5:06 PM
To: Mike Kuo
Cc: Michael Heckrotte; Christine Vu; Alvin Ilarina
Subject: answer: CAMEO Communications, Inc., FCC ID: NHPWLN1306, Assessment NO.: AN06T5718, Notice#1

Attachments: Theory of Op.(revised).pdf; 2x2_Block_Diagram.pdf; Antenna Spec..pdf; AN06T5718_Q3.pdf


Theory of Op.(revised).pdf (10.


2x2_Block_Diagram .pdf (20 KB)


Antenna Spec..pdf (438 KB)


AN06T5718_Q3.pdf (152 KB)

Hi Mike,

Pls see answer below.

Question #1: Two antenna specification sheets have been submitted. One has max. of antenna gain of 1.8 dBi and the other has max. gain of 2 dBi. Please explain which antenna has been used for the final tests and what is the intended use for alternate antenna.
<answer>only 2 dBi antenna is used for testing, 1.8 dBi spec. is the old version, sorry for the confustion.
correct antenna spec. is attached.

Question #2: As the test report and theory of operation indicated, this device is 2 x 2 MIMO with 2 transmitting chains and two receiver chains. Such functional description and specification does not agree with the functional block diagram. As indicated in the functional block diagram, this device is capable of 3x3 (three transmitting chains and three receiver chains) operation. In addition, the functional block diagram is different than the one contains in the schematic diagram file.
<answer>attached pls see correct block diagram and theory of operation.

Question #3: As indicated in the test setup photos, only two antennas were used during the final tests. Please :
1. Clearly indicate which two antenna connectors were connected to these two antennas during the tests.
2. Please indicate on the internal photos to show which one is transmitter chain0 and which one is transmitter chain 2.
<answer>pls see attached photo to address question#3.

Thanks,

Claire

-----Original Message-----
From: Mike Kuo
Sent: Wednesday, April 26, 2006 12:56 PM
To: Mike Kuo
Subject: CAMEO Communications, Inc., FCC ID: NHPWLN1306, Assessment NO.: AN06T5718, Notice#1

Question #1: Two antenna specification sheets have been submitted. One has max. of antenna gain of 1.8 dBi and the other has max. gain of 2 dBi. Please explain which antenna has been used for the final tests and what is the intended use for alternate antenna.

Question #2: As the test report and theory of operation indicated, this device is 2 x 2 MIMO with 2 transmitting chains and two receiver chains. Such functional description and specification does not agree with the functional block diagram. As indicated in the

functional block diagram, this device is capable of 3x3 (three transmitting chains and three receiver chains) operation. In addition, the functional block diagram is different than the one contains in the schematic diagram file.

Question #3: As indicated in the test setup photos, only two antennas were used during the final tests. Please :
1. Clearly indicate which two antenna connectors were connected to these two antennas during the tests.
2. Please indicate on the internal photos to show which one is transmitter chain0 and which one is transmitter chain 2.

Best Regards

Mike Kuo

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.