

## EXHIBIT I

California Microwave-Microwave Network Systems ("CM") hereby seeks a renewal of its experimental authority, pursuant to Part 5 of the Commission's Rule, 47 C.F.R. Part 5, to use microwave frequencies in the 18, 21, 23 and 38 GHz frequency range (specific frequencies are identified on CM's authorization, a copy of which is attached hereto) to operate microwave radio equipment on a nationwide basis to conduct market tests and equipment demonstrations. CM is a leading manufacturer of high quality, state-of-the-art microwave radio equipment that operates on a variety of frequencies. CM requests experimental authority to enable it to demonstrate its radio products for prospective customers and users located throughout the country as well as to conduct important market and technical tests as contemplated by the Commission's Part 5 rules. Accordingly, CM specifically requests experimental authority pursuant to Sections 5.202(d) (technical demonstrations), 5.202(e) (field strength surveys) and 5.202(f) (equipment demonstrations for prospective customers) of the Commission's rules. 47 C.F.R. §§ 5.202(d), (e) and (f).

CM hereby seeks a renewal of its current experimental license subject to the identical terms and conditions as the license previously granted by the Commission (see attached). In particular, CM requests experimental authority to operate its equipment in various locations throughout the United States. Because the technical parameters (i.e., power emissions and antenna parameters) specified in Part 101 of the Commission's rules vary in different segments of the requested bands, CM requests that the license provide general authority to operate in accordance with the technical parameters contained in Part 101 rather than specifying particular parameters on the experimental license to be issued.\*

Further, CM recommends that certain conditions be placed on the license renewal authorization in lieu of requiring CM to request special temporary authority at each test location. Specifically, consistent with its current license, CM proposes that the renewal authorization

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\* Consistent with its current experimental license, CM proposes that the license renewal authorization refer to operation in accordance with Part 101 rather than identifying the specific power requirements and emission designators of equipment operated pursuant to the experimental license.

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indicate that the licensee must obtain concurrence from a recognized frequency coordinator prior to equipment operation to avoid any harmful interference to other users. CM also proposes that the license indicate that operation shall be limited to 90 days at any given location and that operation in excess of 90 days will require special temporary authority. These conditions will avoid the administrative burden on the Commission and the Company of obtaining special temporary authority for each new location will ensuring that other spectrum users are adequately protected from harmful interference.

CM requests experimental authority for a period of two years, pursuant to Section 5.63 of the Commission's rules, 47 C.F.R. § 5.63 (1995). Consistent with Section 5.68 of the Commission's rules, 47 C.F.R. § 5.68, CM will not operate its experimental radio equipment in a manner that will cause harmful interference to existing users of the spectrum.

Grant of the requested experimental authority will serve the public interest by improving the dissemination of information concerning radio products in the equipment marketplace, fostering increased competition in the microwave equipment market, and facilitating the development and introduction of new innovative radio products to the public.

## EXHIBIT II

As explained in Exhibit I, the instant application requests a renewal of an experimental license held by California Microwave-Microwave Network Systems ("CM"). CM requests a renewal of license so that it may continue to demonstrate its radio products to prospective customers as well as conduct market and technical tests. The test sites will not be located in any of the areas specified in Section 1.1307(a). In addition, operation of the subject facility will not fall within any of the criteria contained in Section 1.1307(b), Table 1. Therefore, under Section 1.1306(a) of the Commission's rules, operations of the instant experimental authorization are categorically excluded from environmental processing.