March 21, 2000

Federal Communications Commission
Authorization and Standards Division
7435 Oakland Mills Rd
Columbia, M.D. 21046

Dear sir

Re: FCC ID: LL9MP200V Grantee: Sierra Wireless Inc.

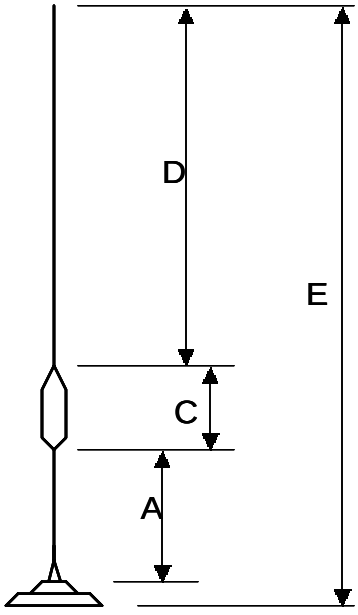
This letter is in response to your request for additional information in you email of Friday, March 10, 2000, Correspondence reference number 12667.

Re: question 1.

Dimensions of the antennas used are shown in the following chart in mm. A key to these dimensions are given in the accompanying diagram.

	A lower element	C Coil length	D Upper element	E Overall height
Antenna #1	65	45	185	315
Antenna #2	100	80	210	400
Antenna #3	A+C=142	Can't measure	160	320
Antenna #4	65	50	225	365
Antenna #5	75	50	225	375

The designation "Antenna #1, #2 " etc. correspond to the designations shown in sections 5.5 and 5.6 of the MPE test report.



Re: question 2

Measurements were done identically for each antenna tested. For each test distance, MPE was measured for all directions and also up and down along side the antenna from base to tip. The value reported in each case is the maximum peak power density measured at that distance.

The cables for each antenna were cut to a length of 1 metre before the tests. Each cable is RG58C or equivalent, with a nominal attenuation of 63 dB per 100 metres at 850 MHz. This results in a nominal loss of 0.63 dB.

The field probe used with the EFS-5 Field Strength Meter is manufactured by Narda and is model number 8760. This is an Isotropic field probe with a working frequency range of 0.3 to 1000 MHz. The correction factor at 800 MHz is 1.2 and this was indeed factored into the readings. This probe is currently calibrated and is due for next calibration in June of 2000.

We trust these responses adequately address your questions.

Sincerely

Ron Vanderhelm

Director, RF Development

Sierra Wireless Inc.