Omnipoint Technologies, Inc.
Exhibit 1

Fequency (A)	(B)	Power (C)	(D)	Emission (E)	Modulation (F)	Necessary BW (G)
880-915 MHz	2 W	2 W	Peak	Q1E	gmsk	5.6 MHz
925-960 MHz	2 W	4 W	Peak	Q1E	gmsk	5.6 MHz
876-880 MHz	2 W	2 W	Peak	Q1E	gmsk	4.0 MHz
921-925 MHz	2 W	4 W	Peak	Q1E	gmsk	4.0 MHz
1710-1785 MHz	2 W	2 W	Peak	Q1E	gmsk	5.6 MHz
1805-1880 MHz	2 W	7 W	Peak	Q1E	gmsk	5.6 MHz

Necessary Bandwidth Determination:
14 TRX channels x 400KHz/channel = 5.6 MHz

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Exhibit 2

Narrative Statement

a) The complete program of research and experimentation proposed including description of equipment and theory of operation.

The proposed research and experimentation program includes indoor installations of low power GSM base transceiver stations for the purpose of performing in-building propagation measurements/analysis and to test newly developed wireless infrastructure permitting indoor wireless communications using the GSM 900 standard air-interface operating at 900 MHz. Furthermore, GSM handsets operating at 900 MHz shall be randomly positioned within and nearby the building facility to evaluated overall network coverage and performance. A similar set of experiments will be conducted with GSM 1800 equipment.

The theory of operation includes FDD transmission and reception of GMSK modulated carriers with a modulation rate of 270 .833 kbits/s and a TDMA access scheme with eight basic channels per carrier and a carrier separation of 200 kHz.

b) The specific objectives sought to be accomplished.

The objectives of the research and experimentation program include the following:
1). Investigation and modeling of in-building propagation characteristics
2). Testing newly developed wireless communications infrastructure.

c) How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion , or utilization of the radio art, or is along a line not already investigated.

This research and experimentation program shall support the development of advanced digital wireless communications equipment using state-of-the-art communications techniques and protocols. The program represents an extension of wireless communications coverage indoors while offering a reliable communication link and efficient spectrum utilization.