

Narrative Statement in support of Experimental License Application by China Quantum Communications

1. China Quantum Communications is a US company incorporated in Delaware and engaged in the business of marketing and providing telecommunications services to end users. China Quantum Communications' office is located in Iselin, New Jersey.
2. The proposed experimentation program will consist in using Low Power wireless trials in NYC's Manhattan Chinatown, Flushing Chinatown and Brooklyn Chinatown Area. It's a field trial for the new generation of IP enabled wireless system.
3. Description: This project employs radios port and handset for voice and IP access using Low Power Unlicensed Band (1910-1930MHz).
4. Purpose: Our accomplishment is to develop and test a new generation of IP enabled wireless system, which could (1) utilize unlicensed PCS band, (2) be environment friendly, (3) bypass incumbent local access, (4) provide wireless access in local community, (5) setup a low cost access infrastructure, and (6) provide low cost and features riched communications services to end users.
5. Station Identification: China Quantum Communications request that the station call sign requirement of 47CFR5.152 be waived in view of the low power nature of the transmission and the unsuitability for this purpose of the PHS air protocol.

Frequency used: Low Power Unlicensed Band (1910-1930MHz)

Standards used: Internet Protocol (TCP/IP)
H.323 & H.248
RCR-STD-28 (PHS)
TIA-EIA-667 PACS-WUPE

Type	Manufacturer	Model Number	Part Number	Quantity
Handset	NEC	SN531 PSTH-A	NG-048789-001	10
	UTStarcom	UTS-7085	06YUTS-7085	15
Radio Port	NEC	Zone Transceiver II-U	NR-575678-000	1
	UTStarcom	EA7H74B	06YUTS-EA7H74B	1