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FCC Application Processing Branch

Re: FCC ID P9WAQUILA
Applicant: SenTech EAS Corporation
Correspondence Reference Number: 23718
731 Confirmation Number: EA391720

Re Questions from: oetech@fccsun34w.fcc.gov
Date: Tue Aug 20, 2002 12:58:22 PM US/Eastern
To: rick@sentecheas.com

1) The operational description indicates that the device has a digital part and an analog part. What does this mean? Does the device transmit in two different modulation types? What are the modulation types?

1. The system does not transmit in in two modulation types. The operational description was written in Switzerland and it is a language issue. What they meant is that the analog part is all of the circuitry except the Digital Signal Processor circuitry. It is FM frequency modulated only.

2) Provide a plot showing the signal sweeping throughout the operating frequency ranges.

2. see attached file.

3) Does the device sweep through the requested operating frequency range of 7.5-8.9 Mhz or does the device hop on specific frequencies throughout the operating frequency range?

3. It sweeps at an 82 Hz rate – see attached file.

4) It appears that the conducted output data shows levels above the 15.207 limits. Please explain.

4. We added filters and a ground to the PCB mounting plate – see attached file.

5) The device transmits on restricted band frequencies per 15.205. Please explain and indicate compliance.

5. see attached file.