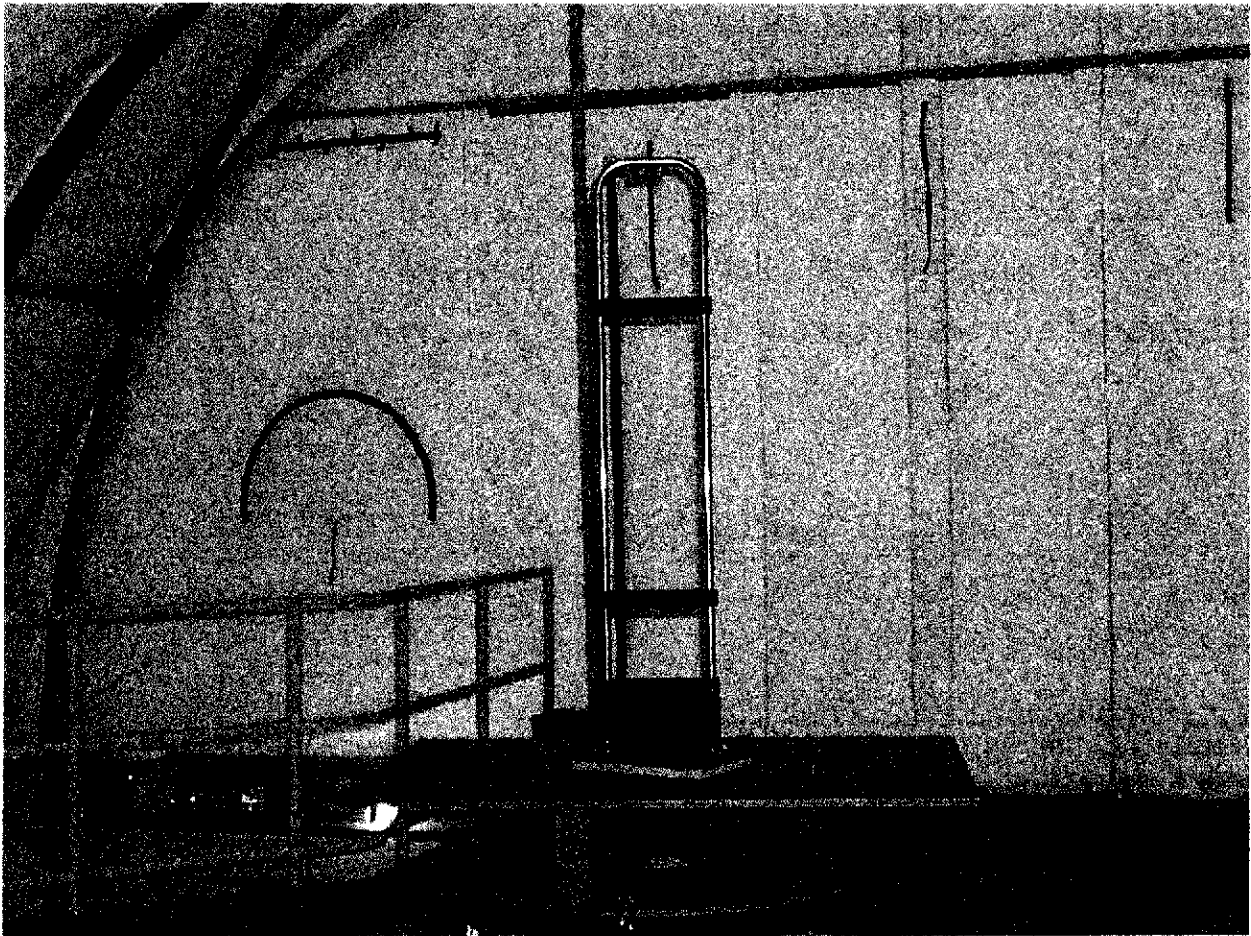


**Ketec, Inc.  
SP2  
Radiated Emissions**



**Company:** Ketec, Inc.

**Notes:** Initial Scan, Spurious Emissions 30MHz to 1GHz

**Model:** SP2

**S/N:** ENG1

**Table: 2**

**FCC 15.209, Radiated Emissions, Quasi-Peak**

| Notes | Freq<br>(MHz) | Sig<br>(dBuV) | Pol | AF<br>(dB) | Net<br>@3m | Limit<br>(dBuV/m) | Margin<br>(dB) |
|-------|---------------|---------------|-----|------------|------------|-------------------|----------------|
| BB    | 30.0          | 16            | V   | 18         | 34         | 40                | -6             |
| BB    | 53.0          | 22            | V   | 9          | 31         | 40                | -9             |
| BB    | 64.0          | 24            | H   | 8          | 32         | 40                | -8             |
| BB    | 74.0          | 12            | H   | 8          | 20         | 40                | -20            |
| BB    | 86.0          | 11            | H   | 8          | 19         | 40                | -21            |
| BB    | 110.0         | 14            | H   | 9          | 23         | 44                | -17            |
| NB    | 295.2         | 16            | H   | 16         | 32         | 46                | -14            |
| NB    | 393.6         | 16            | H   | 20         | 36         | 46                | -10            |
| NB    | 442.8         | 9             | H   | 20         | 29         | 46                | -17            |
| NB    | 590.4         | 9             | V   | 24         | 33         | 46                | -13            |
| NB    | 639.6         | 5             | H   | 25         | 30         | 46                | -16            |

**Notes:** BB = Broadband, NB = Narrow Band

**Test Engineer:** Michael F. Murphy

**Date:** 2-18-1999

**Job#:** J99003443

**Site:** 3C

**Company:** Ketec, Inc.

**Notes:** Initial Scan, Fundamental and Harmonics 10kHz to 30MHz

**Model:** SP2

**S/N:** ENG1

**Table: 1**

**FCC 15.233, Radiated Emissions, Quasi-Peak**

| Notes | Freq<br>(MHz) | Sig<br>(dBuV) | Pol | AF<br>(dB) | Cable<br>(dB) | Ave<br>(dB) | Net<br>@30m | Limit | Margin<br>(dB) |
|-------|---------------|---------------|-----|------------|---------------|-------------|-------------|-------|----------------|
| BB    | 8.2           | 5             | N/A | 42         | 0.5           | 20          | 27.5        | 40    | -12.5          |
| NF    | 16.4          | -8            | N/A | 39         | 1.0           | 20          | 12          | 29.5  | -17.5          |
| NF    | 24.6          | -8            | N/A | 39         | 1.0           | 20          | 12          | 29.5  | -17.5          |

**Notes:** 8.2 MHz is the fundamental. BB = Broadband, NF = Noise Floor

**Test Engineer:** Michael F. Murphy

**Date:** 2-18-1999

**Job#:** J99003443

**Site:** 3C