

## Minimizing Interference with Temp Trak Systems

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| <b>Software Versions:</b>  | All              | <b>Approvers:</b>  | Wayne McAllister<br>Gary Bliss |
| <b>Hardware Revisions:</b> | All              | <b>Status:</b>     | Approved                       |
| <b>Product Type:</b>       | All Link Systems | <b>Revision:</b>   | A                              |
| <b>Access Level:</b>       | General          |                    |                                |

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### Description

The Temp Trak system is a wireless system used in temperature monitoring for refrigeration, hot holding and cooling equipment.

### Problem

The Temp Trak system utilizes the same 902-928 MHz bandwidth as the Link Wireless Telephone System. It also uses Frequency Hopping Spread Spectrum technology over that entire bandwidth. When these two systems are collocated in the same area there is a possibility of interference between the two systems.

### Resolution

Testing has shown that by selecting the SpectraLink system to operate on Frequency Hopping option #3 (902-909 and 921-928) will typically minimize the interference effects. Additionally by separating the Temp Trak receivers from the SpectraLink Base Stations will also reduce the amount of interference.

### Additional Information

For very large SpectraLink installations, a custom offset channel project will also reduce the amount of interference. See your Temp Trak distributor for more details.