

## **RESPONSES, CORRESPONDENCE 5528**

Comment 1 and 2 address frequencies at 86x MHz.

Response: The product is not offered in the United States at frequencies of 86x MHz. The Setup Guide is written for the factory-trained installer, not the user. Therefore there is no information available to the user regarding the setting of the frequencies to European frequencies of 86x MHz.

The factory-trained installer is trained to set up the equipment for the 903 – 914 MHz band in the United States; the installer has been trained not to apply European frequency bands in the US. As we are not requesting approval for frequencies in the 86x MHz range; a form 731 and related data will not be submitted for this range.

Comment 3 requests new band edge data at 100 kHz RBW.

Response: The new plots are included in Appendix 1.

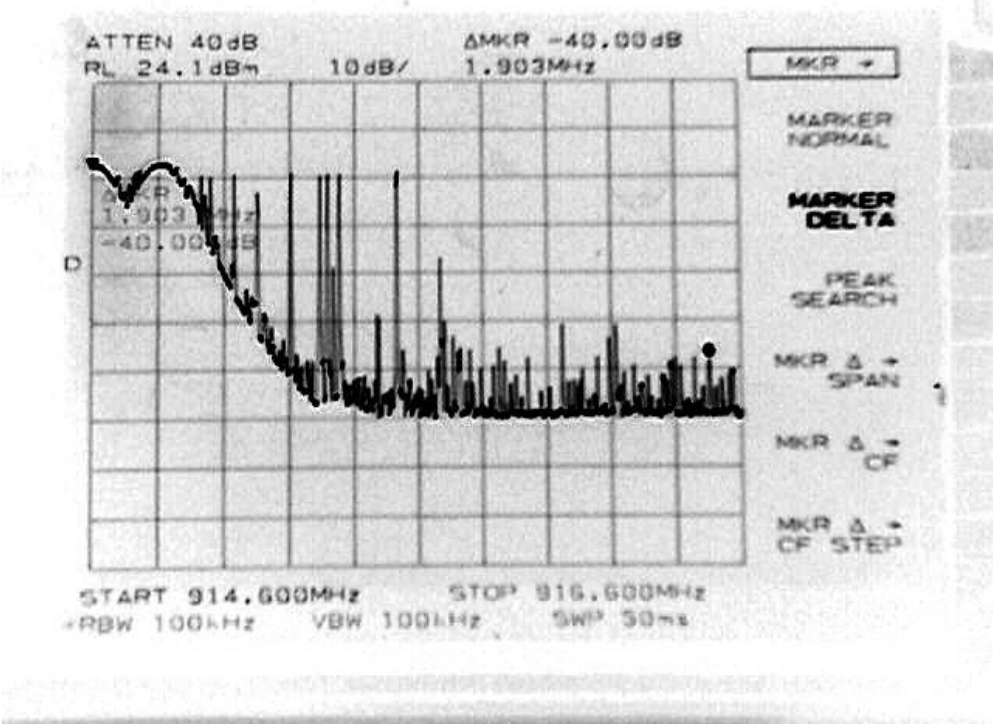
Comment 4 is looking for an update to the installation manual addressing the 20 cm spacing for exposure.

Response: A statement regarding exposure was crafted with the assistance of the FCC for FCC ID: BVCDMS915. As the DMS product transmitted 20 times the power that the Sync Link transmits and is used in a similar environment, we believe the same statement will be more than adequate. The modified page of the Setup Guide is included in Appendix 2.

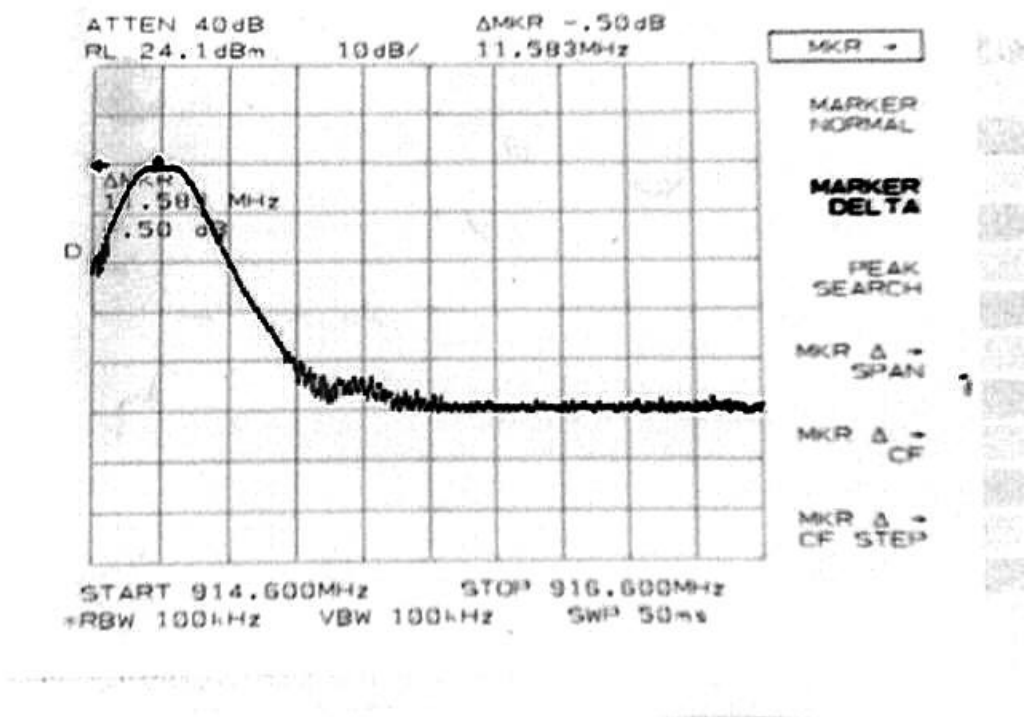
The added statement is located on the lower left side of the page. The box outline makes the statement conspicuous.

# Appendix 1: Band Edge Measurements at 100 kHz RBW

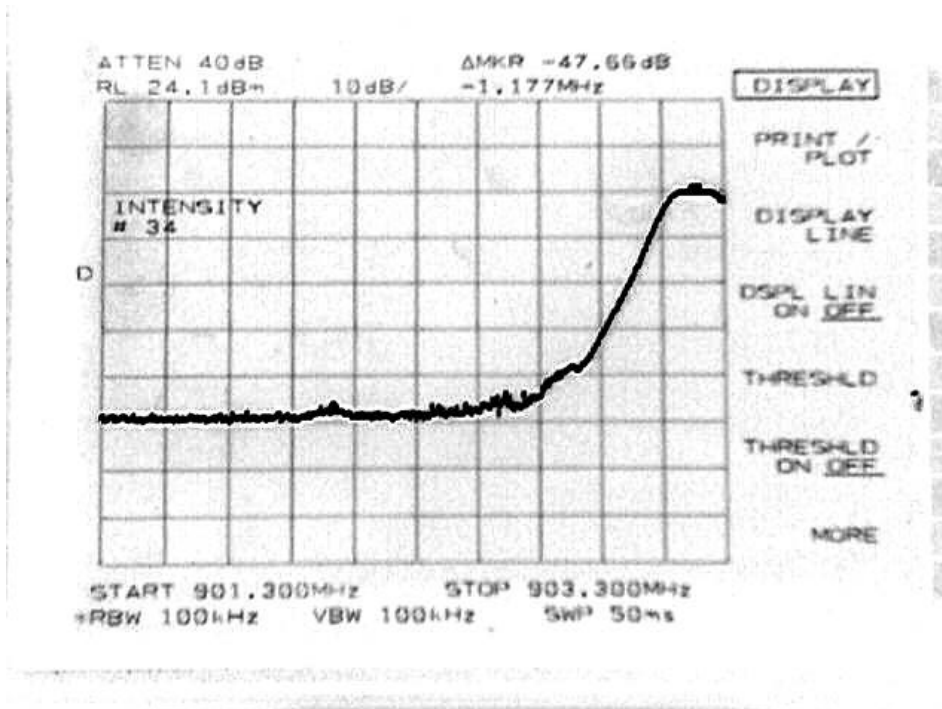
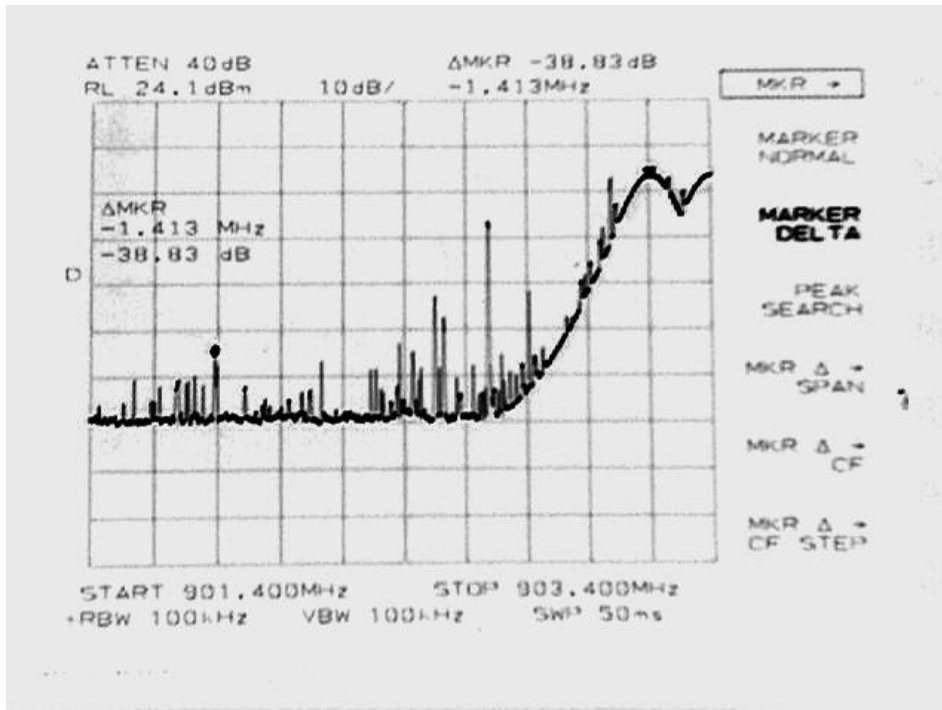
## Frequency Hopping High Side



## Non-Hopping High Side



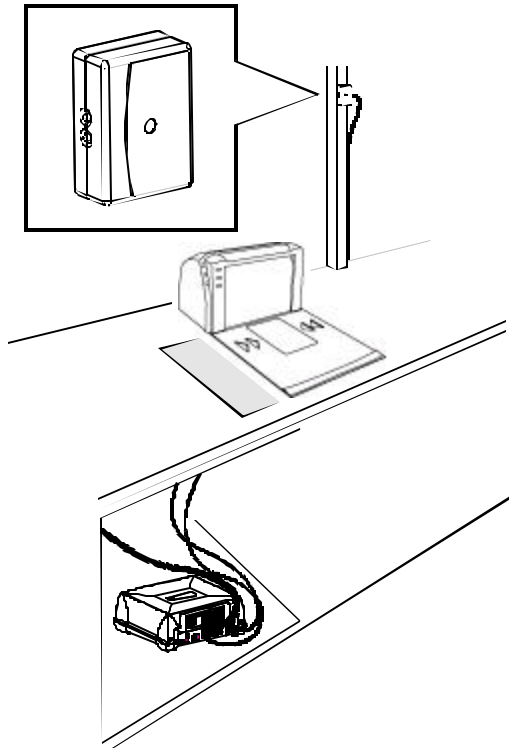
## Frequency Hopping Low Side



## **Appendix 2: Installation Manual Update**

## ZPSYNC4010 Wireless Synchronization Modules

### Setup Guide



#### Note to installers:

For FCC compliance, the module must be located where persons are not likely to linger within 20 cm (8") of the RF antennas. A 20 cm (8") setback is not required provided the antenna location does not promote lingering within 20 cm (8") of the antennas. For example, do not locate antennas adjacent to a chair or bench.

Wireless synchronization modules can significantly reduce electrical interference between Sensormatic EAS systems timed to the AC line. A module system includes a module designated as a transmitter and one or more modules designated as receivers.

**IMPORTANT!** Ensure EAS devices can support wireless synchronization.

**IMPORTANT!** The maximum distance between the transmit module and any receive module is approximately 60.1m (200 feet), but keep in mind that the range depends upon the environment in which the module is used. Many factors can limit the range, thus it would be impossible to list them. For best performance, please follow these instructions carefully.

### Parts Supplied

Sync Link Module	1	0304-0029-01
Cable Ties	3	?
Cable	1	?

### Mechanical Specifications

Dimensions: 82mm (L) x 60mm (W) x 30mm (D)

Weight: 2.5 oz

### Transmit Frequencies

North America Frequency Hop: 903.2–914.8 MHz

Europe Single Low frequency: 869.8 MHz

Europe Single High frequency: 869.9 MHz

### Setting Up the Transmitter

1. Find the EAS device that is central and within 60.1m (200 feet) of the others. Designate this device for use with the transmit module.

**IMPORTANT!** DO NOT designate a mobile checkout stand or use with the transmit module. Only receive modules can be used with mobile checkout stands.

2. Configure one module as the transmitter by opening it and setting switch 7 to OFF (see Table on page 3). To access the switch, remove the holding screw and carefully separate the top and bottom covers (the side label serves as a hinge between the two covers. DO NOT remove this label).