



RE: FCC ID: AY3-AP36V1B

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Applicant: Siemens Communications, Inc.

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Number: 38729

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Mr. Leimer

We have received your request for an answer to the following.

1) This DFS device has a user selectable option for indoor or outdoor option based on what antenna is selected. How can you assure that the end user will make select the correct indoor/outdoor setting based on the antenna selected?

Answer:

The device's indoor/outdoor operation is controlled by the unit's code and can't be altered by the user. The user will select the antenna that is deployed during initial installation. Selecting an antenna that is classified for outdoor use automatically disables the DFS channels in question (5470 – 5725MHz). All antennas that are designed for outdoor use, have the DFS band disabled. The affected channels are not available for use.

If an antenna designed for indoor use only, is selected, the user can't operate outdoors. The indoor antennas are not weather protected or designed to withstand outdoor environments. In this case the 5150 – 5600MHz, 5650 – 5725MHz, and 5725-5850MHz bands are enabled

The user does have the ability in the software to designate the deployment as indoors or outdoors. However, when an outdoor antenna is deployed the selection of "indoors" has no affect on the available bands. That is the 5470 – 5725MHz band remains disabled.

If you have any questions, or if you require further explanation, please do not hesitate to contact us.

Kind regards,

A handwritten signature in black ink, appearing to read 'Thomas Whissel', written over a horizontal line.

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