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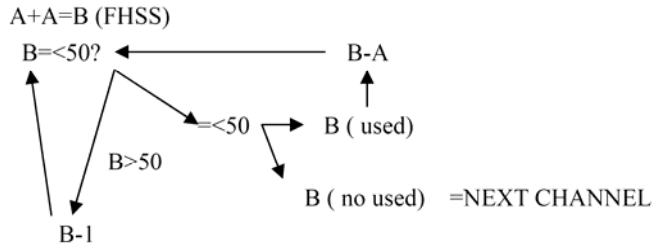
Feb. 16, 2006

FCC ID: RG3WGPS900M01 & RG3WGPS900M02

The following lists are the answers for the comments on Feb. 15, 2006, please kindly have a review on it:

1) It is uncertain why the frequency list does not match the correct range you cited. All information must be correct and match. Please correct as necessary.
RE: Please see user manual. The frequency range is changed to actual one and complied with what the report shows.

2) Please see email regarding theory and respond as appropriate.
RE: a) Please see hopping list
Hopping frequency is changed to pseudo randomly hopping frequency. The method is as below:
It will produce a random data (less than or equal to 50) when the RF system is powered on. The channels will move left for one time within each transmission (eliminating the used channel). Compared with the eliminated channel, if the new channel data (after left move) is more than 50 or equal to the used channel, then this data will be decreased 1 (If it meets the used channel then it will continue to minus 1 until the new channel data is not equal to the used one). After using up 50 channels, the channel indicator will be reset and continue to the above process.



b) Receiver starts to hop synchronically when receiving synchronic data. If it does not receive the data, it will be waiting in the random channel. The transmitter sends the channel information of next hopping frequency when transmitting while the receiver will send back ACK when receiving the signal and move to next channel defined by transmitter.
It will produce a random channel when the receiver is powered on which will be scanning and waiting for the corresponding signal transmitted by the transmitter. If the receiver does not receive the effective signal transmitted by the transmitter within 16 minutes, the random channel will hop to next channel automatically until it will be accordance with the effective signal transmitted by the transmitter. This is a whole receiving action. Each signal that transmitted by transmitter contains the information that hopping to next channel. When the receiver receives this information it will hop to the corresponding channel automatically to receive and transmit the corresponding information to transmitter. When the transmitter is absent of data, the receiver will be waiting 16

minutes based on the previous information of next channel defined by the transmitter. If the receiver does not receive the effective the information, it will hop to next channel until it will be accordance with the effective signal transmitted by the transmitter.

c) It will produce a random data (less than or equal to 50) when the RF system is powered on. The channels will move left for one time within each transmission (eliminating the used channel). Compared with the eliminated channel, if the new channel data (after left move) is more than 50 or equal to the used channel, then this data will be decreased 1 (If it meets the used channel then it will continue to minus 1 until the new channel data is not equal to the used one). After using up 50 channels, the channel indicator will be reset and continue to the above process.
When the transmitter is absent of data, the receiver will be waiting 16 minutes based on the previous information of next channel defined by the transmitter. If the receiver does not receive the effective the information, it will hop to next channel until it will be accordance with the effective signal transmitted by the transmitter.

d) According to what describes in note (a), during a definite period of time, the frequencies which will be used are the same. As a result, it complies with g & h in 15.247.]

3) For this device, it appears that PLC for section 3.2.2 should not be checked. Please review/correct as necessary.
RE: It has deleted in the test report.

4) RX/digital device emissions can not be adequately determined to meet the requirements. Please show both peak and average emissions for all > 1 GHz readings.
RE: Please see test report.

5) It is difficult to review all the data given mix of peak/average. Please show both peak and average results for all TX emissions falling in restricted bands.
RE: Please see test report.

Thank you