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June 6, 2005
FCC-ID: JRRWES

Please Note: All of the other questions have already been responded to on May 20, 2005.

6) Peak to average measurements made for both reports show as much as 30 dB apart (for the DTS portion - Dish Antenna, Bandedge for UNII band - page 74). This delta is considered very excessive and suggests that the device may have been transmitting with a duty cycle associated with the carrier instead of the carrier having a 100% on time during testing (which is specified by the recommended test procedures from the FCC). Additionally, please note that certain plots (i.e. bandwidth plots) support that the carrier was not on 100% during test and did have an associated duty cycle associated with the modulation. Note that the use of VBW = 10 Hz is only considered valid if the duty cycle associated with any duty cycle is $VBW > 1/Ton$ time. You may need to provide information regarding carrier Ton vs. Toff time and increase the VBW to be considered valid. Please review, correct, or remeasure as necessary as it appears that average measurement may not have been correctly taken and if so, this can significantly affect the results reported.

Response: This portion of the test has been redone so that $VBW > 1/Ton$ time. This means the VBW was 30 kHz for Normal Mode, and the VBW was 50 kHz for Turbo Mode. Please see the Revised Test Reports. To allow the EUT to pass using these revised test procedures, the client will be removing the low channel (5260 MHz) and moving the Turbo Mode channel from 5280 MHz to 5300 MHz. Please see the revised Label, 731 Form, RSP-100 Form, and the Owners Manual that reflect these changes.