



Date: 14th April 2010

Gregory Czumak
PCTEST Engineering Laboratory, Inc.
6660-B Dobbin Road
Columbia, MD 21045

Re: Correspondence Number AZ410315 with FCC ID: AZ489FT7038
Confirmation Number: 1Y1003190315-18

Dear Mr. Czumak;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response to the 13TH April 2010 request for information in Correspondence Number AZ410315.

Q1. Thank you for your email. Please note that I am unable to find a response to the following original questions: 3, 4, 5, 6, 8, 11, 12, 14, 15, 16, 19, 20, and 21. Please provide responses to these questions.

R1. Response was sent on April 13, 2010

Q2. Regarding your response to questions 7 and 10, I see that 2 new sets of output power data at 6 and 11 Mbps have been provided. What is the difference between these sets of data? You did not, however, provide the output power levels at the highest data rates, at which many of the tests were performed, and thus fully respond to questions 7 and 10. Please do so.

R2 - Differences between those data rates are – modulation scheme and output power.
- The output power at data rates 6 and 11 Mbps are the highest output power (worst case).
 >>Power output at 6 Mbps – 70.8 mW
 >>Power output at 11 Mbps –79.3 mW
- The output power at highest data rate 54 Mbps is the lowest output power level.

Q3.Regarding your response to question 13, you have now provided the summation of aggregated transmissions during the channel move time, however, we note that, while the 30 Minute Non-Occupancy test plot 4.9.5 has the required sweep time (2 ks), plot 4.9.6 has a sweep of 20 ms. Please address.

R3. Plot 4.9.5 represents a single sweep for at least 30 minutes for a single frequency, while Plot 4.9.6 represents a requirement to capture a band of frequencies. The spectrum Analyzer was set to MAX Hold for a sweep time of 20ms and the sweep was repeated for at least 30 minutes.

Please contact me at (954) 723-5793 if you require any additional information.

Sincerely,
/s/ *Mike Ramnath (signed)*
Manager, Regulatory Compliance
Email: Mike.Ramnath@motorola.com