

From: Dennis Wilkison

To: Doug Young

Date: January 12, 2015

Subject:

Message:

I apologize for not responding to the correspondence. The first I became aware of a problem was the receipt of a letter in the US mail today. I have looked in all past email from dates indicated. I see no indication of the email on November 14, 2014. If there is any way to rectify this dismissal please let me know.

I did receive some US Mail correspondence requesting the Construction Coverage Deadline on a transmitter filing. This was taken care of and submitted. This is file 0006012210 and that was completed.

I have been unable to find the confirmation number until today. It was located only on the original filing paper.

I have attached the response below:

Response to items 1 and 5-9 in document 8.3.28

1. Individual authorization is for indoor use only, and is required for each device at a specific site.
=> Our re-radiating device is for indoor use and located inside.

5. The area of potential interference to GPS reception (e.g., military or contractor facility) has to be under the control of the user.

=> The area is within the Geometrics facility and any radiation is wholly within the area of the facility or test chamber.

6. The maximum equivalent isotropically radiated power (EIRP) must be such that the calculated emissions are no greater than -140 dBm/24 MHz as received by an isotropic antenna at a distance of 100 feet (30 meters) from the building where the test is being conducted. The calculations showing compliance with this requirement must be provided with the application for frequency assignment and should be based on free space propagation with no allowance for additional attenuation (e.g., building attenuation.)

=> The maximum radiated power (EIRP) at a distance of 100 feet from any point in the building was physically measured to be no greater than -152 dBm/24 MHz using an Agilent E7402A EMC analyzer S/N MY45109283

7. GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.

=> All GPS users in the area of reception will be notified. Geometrics sells and builds GPS receivers for surveying geophysical locations using our instrumentation. The factory floor and all tests stations will be notified.

8. The use is limited to activity for the purpose of testing RNSS equipment/systems.

=> The use of this repeater is for measuring GPS receivers within heat and cold test chambers which add additional attenuating shielding of the RF signals from the repeater.

9. A "Stop Buzzer" point of contact for the authorized device must be identified and available at all times during GPS re-radiation operation of the device under any condition.

=> The Stop Buzzer point of contact is myself (408 428 4257) or the engineer Bill Honzik (408 428 4211)

Thank you for any help you can give in this issue.

Dennis Wilkison