

From: Charles Naftalin

To: Nimesh Sangani

Date: January 13, 2022

Subject: Additional Information Request

Message:

In response to the FCC RFI issued under 66206 Comtech Systems, Inc. provides the following-

For ground distance of 100 m with our worst case 2.4 m antenna at 800 W ERP at 8.2 GHz, the calculated PFD is 0.282 W/m² at ground level.

For the Geo belt PFD with our antenna pointed at 0 degrees elevation towards the horizon (standard pointing for our terrestrial systems), the calculated PFD using the above parameters is 1.42 e-12 Watts/m².

In the event there are any further questions please let us know.