

Explanatory Exhibit

The band 5850-5925 MHz is shared on a co-primary basis with the Federal Government, which uses the band for radiolocation in the U.S. and U.S. Territories. The applicant understands that the Department of Defense uses this band for a wide variety of radar applications including the advanced ground-based air defense missile system. The applicant accepts that there is the potential for unacceptable interference to this earth station's communication links from the Federal radiolocation systems, including high-powered land-based transportable and shipborne radar transmitters operating in the band in accordance with footnote G2.

Accordingly, the applicant will comply with the provisions of footnote US245 and recognizes that this application will be subject to case-by-case electromagnetic compatibility analysis. *See, e.g.*, Federal Radar Spectrum Requirements, NTIA Special Publication 00-40, available at <https://www.ntia.doc.gov/files/ntia/publications/ntia00-40.pdf>, and *Spectrum Resource Assessment in the 5650-5925 MHz Band*, NTIA Report 83-115, available at <https://www.ntia.doc.gov/files/ntia/publications/83-115.pdf>. Consistent with these requirements, operations in this band will be limited to international inter-continental communications.