

IRN-IS-705D-001  
9-DEC-2015

**GLOBAL POSITIONING SYSTEMS DIRECTORATE  
SYSTEMS ENGINEERING & INTEGRATION  
INTERFACE SPECIFICATION  
IS-GPS-705**

**NAVSTAR GPS Space Segment/User Segment L5 Interfaces**



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24 MAR 16

Date

**IS705-138 :**

**WAS :**

As an aid to user equipment receiver designers, a plot is provided (Figure 6-1) of a typical GPS Block IIF phase noise spectral density for the un-modulated L5 carrier. A plot of a typical GPS III phase noise spectral density will be added TBD.

**IS :**

As an aid to user equipment receiver designers, plots are provided (Figure 6-1 and Figure 6-2) of a typical GPS Block IIF and GPS III phase noise spectral density for the un-modulated L5 carrier.

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**IS705-139 :**

**WAS :**

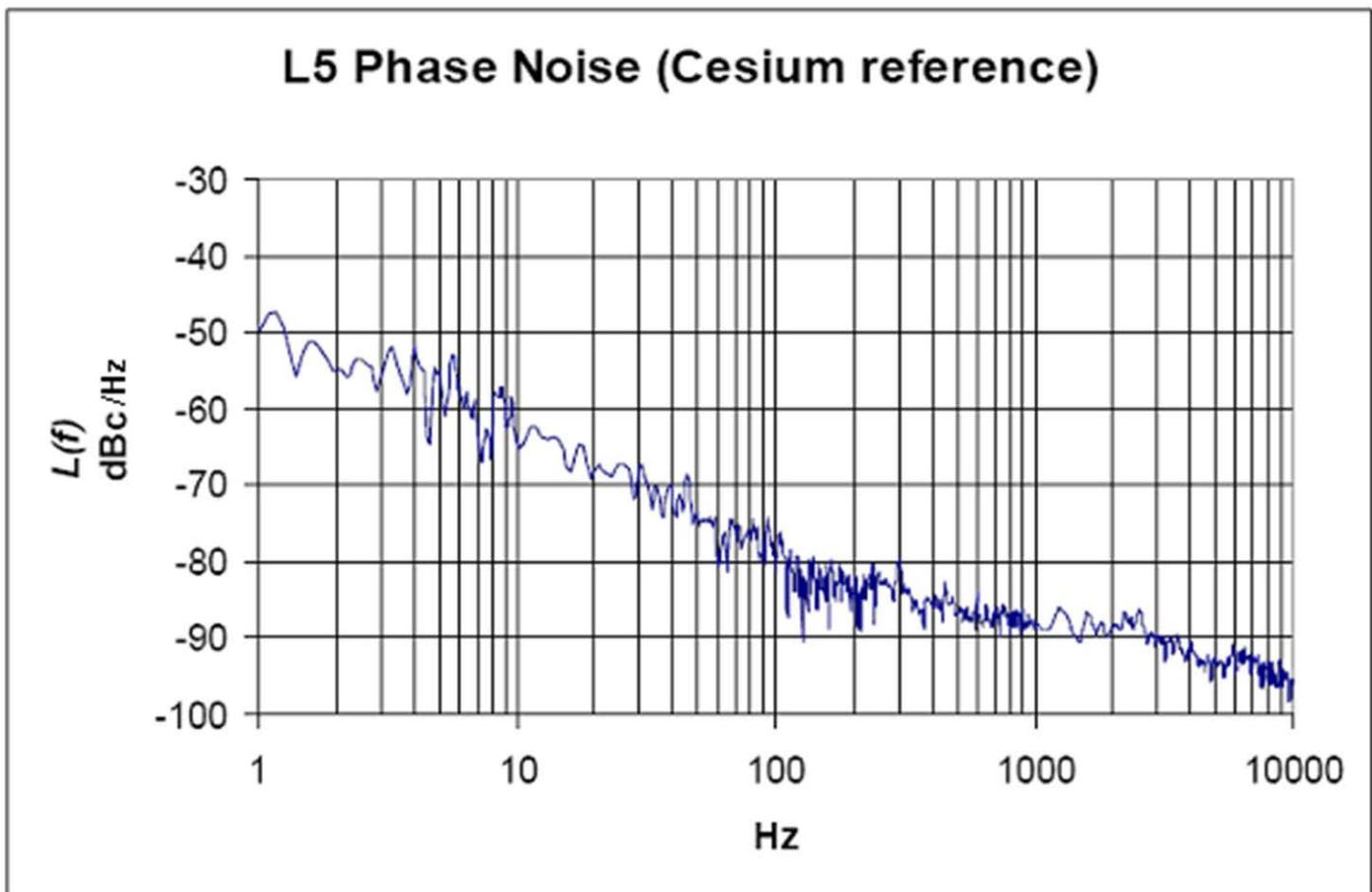


Figure 6-1. Carrier Phase Noise Spectral Density

IS :

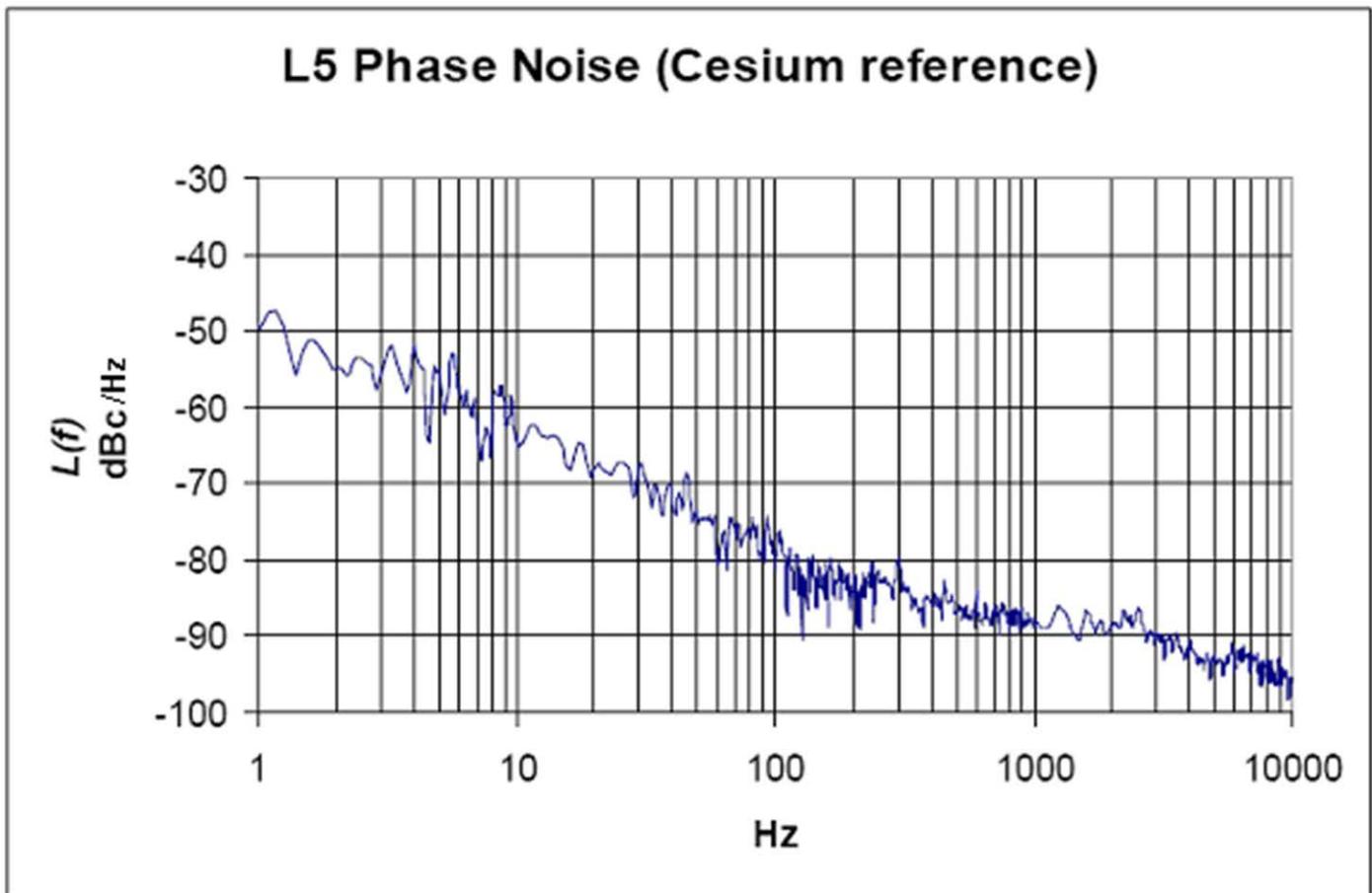


Figure 6-1. Typical GPS IIF L5 Carrier Phase Noise Spectral Density

**IS705-1507 :**

Insertion after object IS705-139

**WAS :**

N/A

IS :

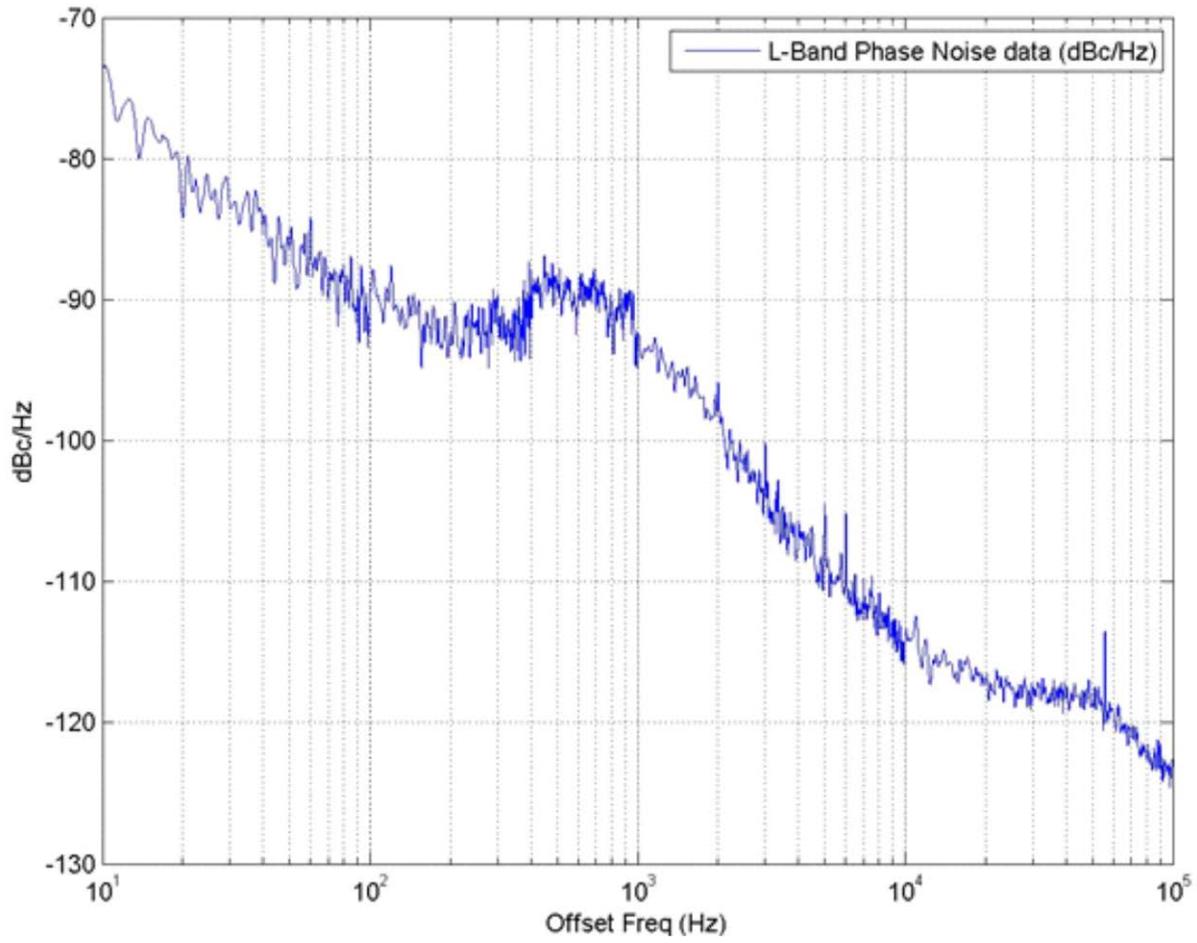


Figure 6-2 Typical GPS III L5 Carrier Phase Noise Spectral Density