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| U.S. Radiocommunications Sector  Fact Sheet | |
| **Working Party:** ITU-R WP5B | **Document No:** USWP5B-## |
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| Document Title: Liaison Statement to WP 5A, WP 5C, WP 7C and WP 7D. | |
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| **Purpose/Objective:** To begin consideration under the terms of Res. 731 of sharing by Terahertz Spectroscopy, an evolving radio determination service, of passive spectrum above 71 GHz | |
| **Abstract:** Terahertz Spectroscopy, also known as Terahertz Time Domain Spectroscopy is a very short range, typically a few cm, nondestructive testing technology that meets the definition of a radiodetermination service. It needs large contiguous blocks of spectrum above 71 GHz which conflicts with the present terms of **5.340.** Res. 731 provides a mechanism to determine if sharing without harmful is possible and a path to enable such sharing. CEPT has recently completed ECC Decision (22)03 which included a detailed emission standard for this spectrum use which it calls “Radiodetermination systems for industry automation in shielded environments (RDI-S)”. The LS statement seeks a dialogue on this sharing issue and whether the levels in the CEPT document are an acceptable basis. | |