



## WRC-27 Agenda Item 1.16

To conduct compatibility studies between NGSO and RAS for some primary RAS allocations, as well as studies on Radio Quiet Zones (RQZ) at two RAS sites, in accordance with Resolution 681 (WRC-23).

### Overview

The Agenda Item invites to conduct compatibility studies between NGSO and RAS for some primary RAS allocations, as well as studies on Radio Quiet Zones (RQZ) at two RAS sites, in accordance with Resolution **681 (WRC-23)**.

### Background

Resolves 1 and 2 call for compatibility studies between NGSO and RAS for frequency band pairs listed in table 1 to Resolution **681 (WRC-23)**, with respect to primary RAS allocations in 10.6-10.7 GHz, 42.5-43.5 GHz and others in the range from 76 GHz to 134 GHz.

Resolves 3 to 6 calls for studies on RQZ at two specific radioastronomy sites (SKAO in South Africa, ALMA in Chile).

### Key Points

- › Studies should assess compatibility between NGSO and RAS in some primary RAS allocations.

### GSOA Position

- › GSOA supports studies to ensure the protection of Radio Astronomy in frequency bands listed in table 1 to Resolution **681 (WRC-23)**, while avoiding undue constraints on NGSO operations.
- › With respect to resolves 2 to 6 of Resolution **681 (WRC-23)**, GSOA agrees with both WP 4A and WP 7D that these resolves shall in no way result in any technical or regulatory changes to FSS allocations and constraints that adversely affect the operation of non-GSO FSS systems.

