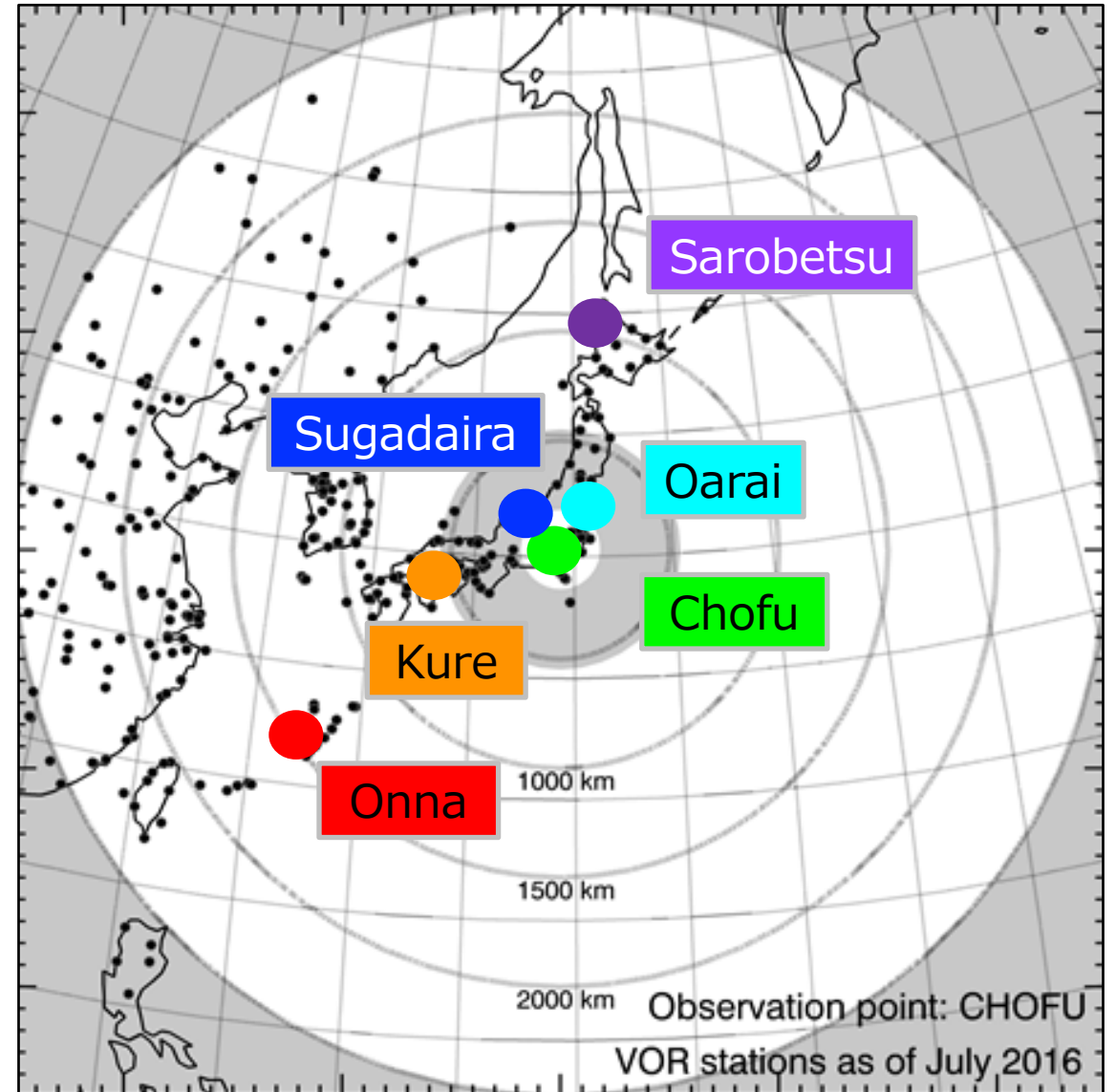


# Location of monitoring stations

- **Chofu, Tokyo: 35.66N, 139.54E**  
**Univ. of Electro-Communications (UEC)**
- **Kure, Hiroshima: 34.24N, 132.53E**  
**Japan Coast Guard Academy**
- **Sugadaira, Nagano: 36.42N, 138.32E**  
**Sugadaira Space Radio Observatory, UEC**
- **Oarai, Ibaraki: 36.33N, 140.58E**  
**Oarai Test Field, NICT**
- **Sarobetsu, Hokkaido: 45.16N, 141.75E**  
**Sarobetsu Radio Observatory, NICT**
- **Onna, Okinawa: 26.50N, 127.85E**  
**Okinawa Radio Research Center, NICT**



# Distribution of possible reflection points

- Black dots indicate Tx station of VOR/ILS (normally at airports)
- “x” indicates the mid point between Tx and Rx stations. The color shows the location of Rx station
- Maximum distance of Es anomalous propagation is about 2500 km
- When determining possible reflection points for each observation site, only transmitters located outside the skip zone have been considered
- The mid-points covers a large area in the mainland of Japan and surrounding sea area

