

Frequency Management Workshop for Gulf Cooperation Council (GCC)

Abu Dhabi, UAE, 9-11 January 2023

Demonstrate Query:

- 1. Bahrain - HAIMA**
- 2. ICAO TEST MID, 118.100**
- 3. Select Kuwait-KUWAIT 118.150, 118.255 and 118.300**

Exercise: Query:

- 1. Query database for MID – United Arab Emirates– MINHAD Airport – 122.500 MHz**
- 2. Re-do and modify query – find TWR**
- 3. Return results of last Query.**
- 4. Find all frequency assignments for the service TWR in your country.**
- 5. Select frequencies (UAE- ABU DHABI -118.125, 118.425 and 118.475)**

6. Test Frequency

Test frequency is an automatic process. Frequency Finder offers the option to test a single frequency assignment and plot on a map the results of the compatibility calculations or to test a series of frequency assignments (these are a result of a query or selection).

With Test Frequency, the results of the compatibility calculations are to be interpreted by the user in cases where Frequency Finder found that frequency assignments were not compatible.

Demonstration

- **Bahrain - HAIMA – Compatible**
- **Saudi Arabia – AL WAJH – 118.075 MHz**
- **Select two frequencies – UAE, SIR BU NUAIR 130.375 and 133.250**

Exercise

1. Find the record for: **Oman, DUQM, Frequency 118.000**
 - Test – single frequency
2. Testing of the compatibility of **two frequency assignments in Kuwait**.
Perform the compatibility test for these frequency assignments
(Kuwait- **KUWAIT– 132.100 and 132.850**)
3. Perform compatibility test in your country.

For example, find all frequency assignments for the service TWR in your country and perform compatibility test.

Exercises

Test Frequency & Understand the result

Demonstration:

1. Query: **Saudi Arabia 120.700 MHz**
 - **Select: Location ABHA (Key 601873)**Test single frequency
2. Query: **Bahrain 132.450 MHz**
Test single frequency

Exercise:

1. Perform compatibility test – single frequency
 - Query: State: United Arab Emirates 125.900 MHz
 - Select key “601275”
 - Click test frequency and single frequency
2. Perform compatibility tests.
 - all frequency assignments in your country
 - Test all or some of these frequency assignments in your country
 - Look at each incompatible frequency assignment to determine if or what action is required.