

Frequency Finder 3 Test Frequency



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Test Frequency (1)

- Click button Test Frequency on window COM list 3
- Options:
 - Test single frequency
 - Test found frequencies (all frequencies in the found-set)
- As desired by the user, the calculation results can be displayed on a map with Google Earth.
- When the calculations are completed, the window Summary Calculations is displayed





Test Frequency (2) Summary calculation results (1)

COM Data Base (COM LIST 3) Summary Calculations						Active Region APAC			
Regional COM list	Summary Calculatio	Delete all records	1	Co-frequency details			Adj. frequency details		
Date	Key D Frequency Region Country	Location	Re-do calculations	Service	Margin	Result Co. freq.	Margin	Result Adj. freq.	
04_Oct_2023 19:41:25	419527 R 126.700 APAC Japan	ATMC		ACC-U	-560	Not compatible	***	Compatible	
04_Oct_2023 19:40:06	419979 R 118.125 APAC ICAOTEST APAC	Zaandam		ACC-U	89	Compatible	22	Compatible	
04_Oct_2023 19:39:54	419988 R 118.075 APAC ICAOTEST APAC	Zwolle		ACC-I	230	Compatible	37	Compatible	
04 0-4 0002 40.20.55	447002 D 404 400 ADAC Assets	I/II		ACC 11	***	0	***	Comments to	

- Presents most recent and earlier test results
- Option to redo earlier tests with button with button Redo or click in field Cofrequency details
- Option to view detailed co- and adjacent calculation results of the most recent test.
 Click button Co- or Adj frequency details
- Alternatively the user can navigate to the window Summary Calculations with the button Calculation Results on the window COM list 3





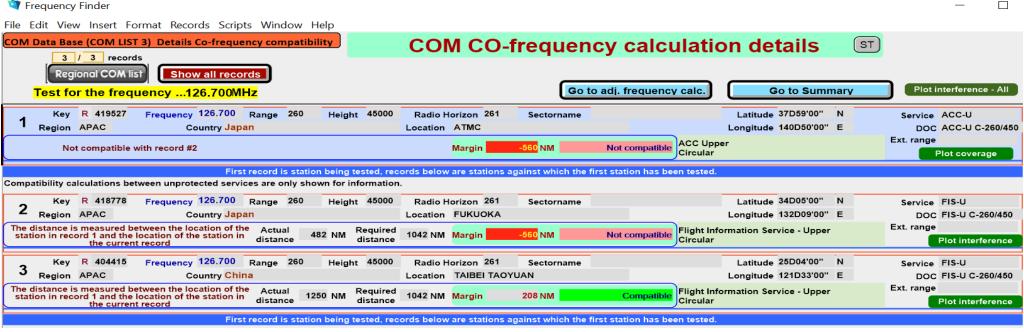


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Exercises Test Frequency



Test Frequency (3) Detailed calculation results — Co-frequency (1)



 Displays for each frequency against which the new/modified frequency has been tested details of the compatibility between the two frequency assignments



Test Frequency (4) Detailed calculation results — Co-frequency (2)

Details include

- Actual distance between the two stations
- Minimum required distance
- Margin in NM (positive figure means frequency assignment are compatible; negative figure means frequency assignments are not compatible
- Message "Compatible" or "Not Compatible"
- If the station is part of an extended range family
- If the station is linked to a specific area (polygon)



Test Frequency (5) Detailed calculation results – Co-frequency (3) Buttons (1)

- Regional COM list
 - Returns COM list 3 with the selected frequency
- Show all records
 - Show all records used in the calculation
- Go to Adj channel calc.
 - Navigate to the window with adjacent channel calculation results
- Go to Summary calc.
 - Navigate to the window with summary calculation results



Test Frequency (5) Detailed calculation results – Co-frequency (3) Buttons (2)

- Plot interference all
 - Plot compatibility of all frequency assignments in the table
- Plot coverage
 - Plot coverage of the station that has been tested
- Plot interference
 - Plot interference or compatibility of the station that is being tested with the selected station against which compatibility is tested.



Calculation results (1)

- Button Calculation results.
 - Navigates to the window with the summary of previous compatibility calculations.
- Re-do earlier calculations when COM list 3 was modified
- Navigate to windows with detailed compatibility analysis for co- and adjacent frequency assignments
- More information in slides with Test Results







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Exercises Test Frequency & Understand the result





