

Spectrum Search Lite screenshots

Click on images to view fullscreen.

Part of FM band showing tabular result set with "CH" (Christchurch) district selected:

The screenshot shows the 'Spectrum Search Lite' interface. On the left is a frequency spectrum plot with a central frequency of 90.000000 MHz. On the right is a table of results for the 'CH' district.

Low (MHz)	High (MHz)	Channel	Site Name
89.380000	89.620000	FM111	BLUE DUCK
89.580000	89.820000	FM115	ARTHUR'S PASS
		FM115	SUGARLOAF
		FM115	GARVEY CREEK
89.780000	90.020000	FM119	MT STUDHOLME
89.872000	90.128000	FM121	PAPAROA
89.980000	90.220000	FM123	MT ROCHFORD
		FM123	RAINBOW FARM
90.180000	90.420000	FM127	KAIKOURA
		FM127	REEFTON
90.372000	90.628000	FM131	HUNTSBURY HILL
		FM131	BALD HILL
90.380000	90.620000	FM131	FOX GLACIER
		FM131	FRANZ JOSEF
		FM131	HARIHARI
		FM131	WHATAROA

Additional interface elements include: 'Display Map', 'Print Grid', 'RSM Spectrum Analyser' logo, and status information at the bottom: '89.8125', 'Fine Tuning Unused', '16 Licences plotted on map', '7/03/2002', '21:34'.

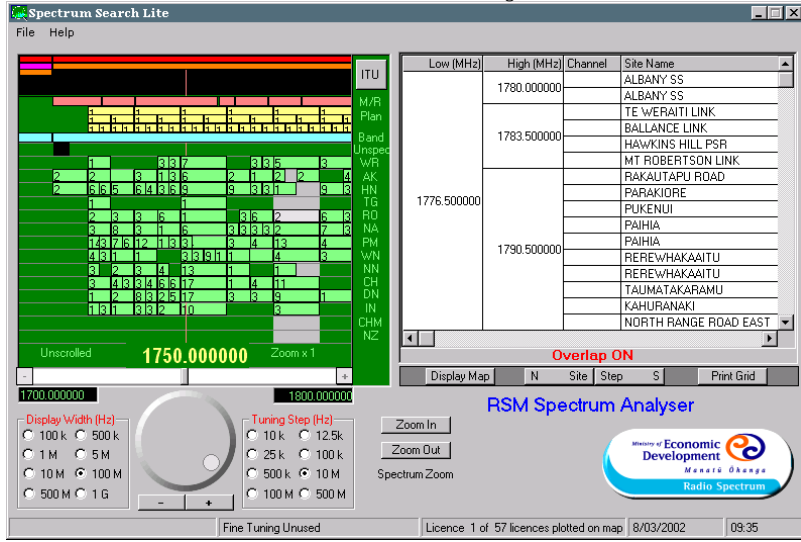
Same frequency selection as previous but with map displayed:

This screenshot shows the same frequency selection (90.000000 MHz) but with a map of the Christchurch area displayed. The map shows the location of 'ARTHUR'S PASS'. The interface includes a 'Map Zoom' control and coordinates: NZMG Easting: 2398400, Northing: 5795200. The status bar at the bottom shows '16 Licences plotted on map' and the time '21:35'.

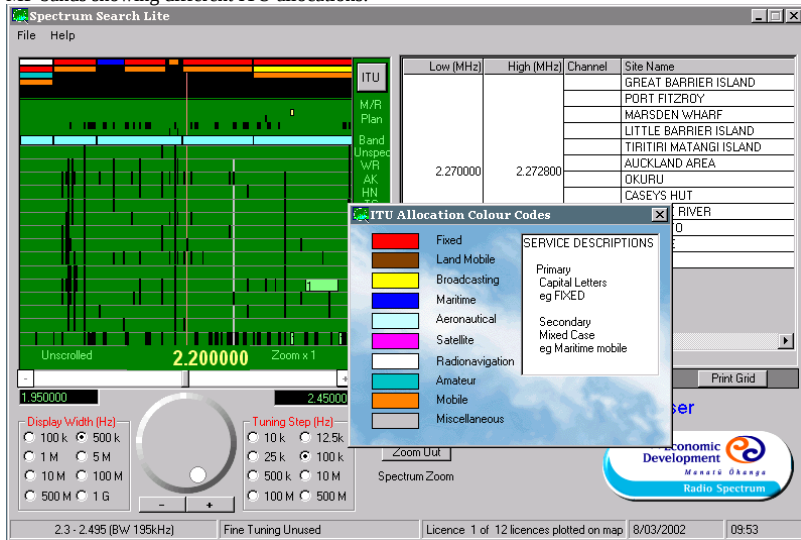
Shows end of UHF TV band and neighbouring Fixed band:

This screenshot shows the end of the UHF TV band and the neighbouring Fixed band. The frequency is set to 806.000000 MHz. The map shows the location of 'AWAKING'. The interface includes a 'Map Zoom' control and coordinates: NZMG Easting: 2663500, Northing: 6278100. The status bar at the bottom shows '3 Licences plotted on map' and the time '22:02'.

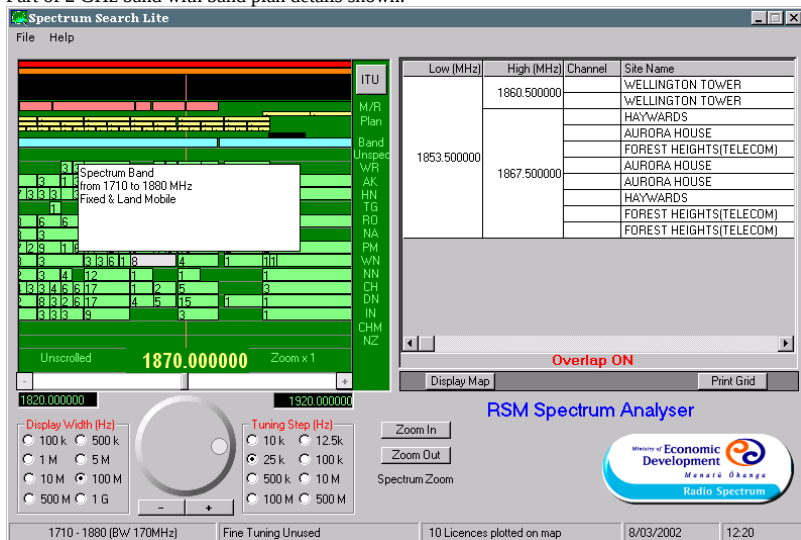
Part of 2 GHz band with a vertical "slice" selected and showing tabular data:



MF bands showing different ITU allocations:



Part of 2 GHz band with band plan details shown:



Opening Search Form when database is opened in Microsoft Access:

Licence & Management Right Search

Search Parameter
 Enter your search parameter(s) then press one of the "Go" buttons
 Parameter (or Lower Frequency):
 Upper Frequency (Range Search):

Licence Searches

Go by Licence Number Go by Management Right
 Go by Channel Go by Licensee Name *
 Go by Callsign * Go by Transmitter Location *
 Go by Frequency (MHz) Go by Licence Type
 Go by Frequency Range (MHz) Go by Licence Conditions *

Management Right Searches

Go by Manager * Go by Frequency (MHz)
 Go by Number Go by Frequency Range (MHz)

* Use of the * wildcard is permitted for these searches

Tabular results of Licence Search by Frequency:

Frequency Range Licence Search Results

Licence Number	Channel	Frequency MHz	Licencee	Transmits from	NZMS260 Reference	MR No.	Callsign	Type	Licence Category
430	FM101	89.000000	WAIKATO STUDENTS UNION	HAMILTON	S14	145770	16	SJ	Spectrum
561	FM103	89.100000	TOTALISATOR AGENCY BOAR	PAPAROA	K31	735656	16	SK	Spectrum
787	FM101	89.000000	WAIKATO STUDENTS UNION	HAMILTON	S14	145770	16	SJ	Spectrum
1008	FM101	89.000000	RADIO NEW ZEALAND LIMITE	HORDAKA	Q07	132917	16	SM	Spectrum
1023	FM101	89.000000	RADIO NEW ZEALAND LIMITE	w/HARITE	T23	530018	16	SN	Spectrum
3028	FM101	89.000000	COROMANDEL FM LTD	PAEROA	T13	481205	16	SH	Spectrum
3542	FM103	89.100000	COROMANDEL FM LTD	HARATAUNGA	T10	351942	16	SI	Spectrum
5267	FM103	89.100000	ENERGY ENTERPRISES LTD	TAUPO	U18	773749	16	SH	Spectrum
5344	FM103	89.100000	COROMANDEL FM LTD	w/AIKAUKAU POINT	T12	656368	16	SJ	Spectrum
5345	FM103	89.100000	COROMANDEL FM LTD	TAIRUA	T11	654627	16	SH	Spectrum
5602	FM101	89.000000	EX STATIC INCORPORATED	w/ITHER HILLS	P28	897613	16	SH	Spectrum
6062	FM101	89.000000	RHEMA BROADCASTING GRO	HILLEND	F40	024014	16	SJ	Spectrum
6471	FM101	89.000000	THE RADIO NETWORK - NORT	MINDEN PEAK	U14	786832	16	SJ	Spectrum
7710	FM101	89.000000	FIFESHIRE FM BROADCASTER	GRAMPIANS	O27	334898	16	SL	Spectrum
7873	FM101	89.000000	RADIOwORKS NEW ZEALAND	SUGARLOAF	M36	817337	16	SL	Spectrum
9574	FM101	89.000000	TE WHARE KURA O HUIARAU	RUATAHUNA	w17	546809	16	SH	Spectrum

Record: 1 of 19 Display Details

Licence details of first record in previous result:

licence

Licence Details

Licence No. Category Licence Type

Licencee Sets Conditions

Address Fee

 Callsign Ship name

Start End Registered Management Right

Spectrum Details

Channel	Frequency MHz	Power dBW	Emission	Antenna Polarisation
FM101	89.000000	25.8	256K8EHF	Slant

Transmits from:

Location	NZMS260 ref.
HAMILTON	S14 145770

Received at:

Location	NZMS260 ref.
RECEIVE COVERAGE LOCATION	S14 140760

Record: 1 of 1 (Filtered)