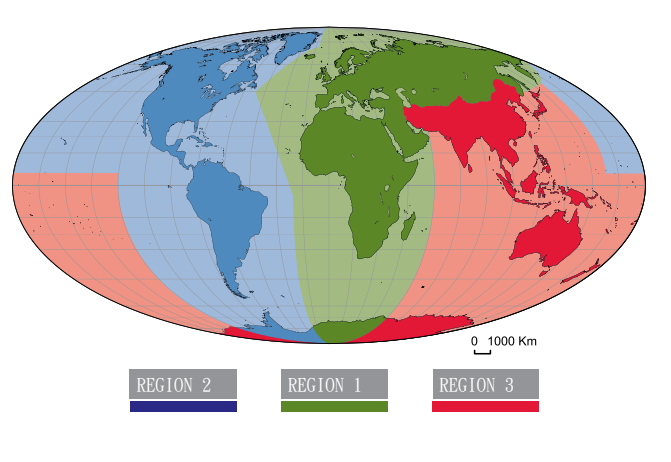
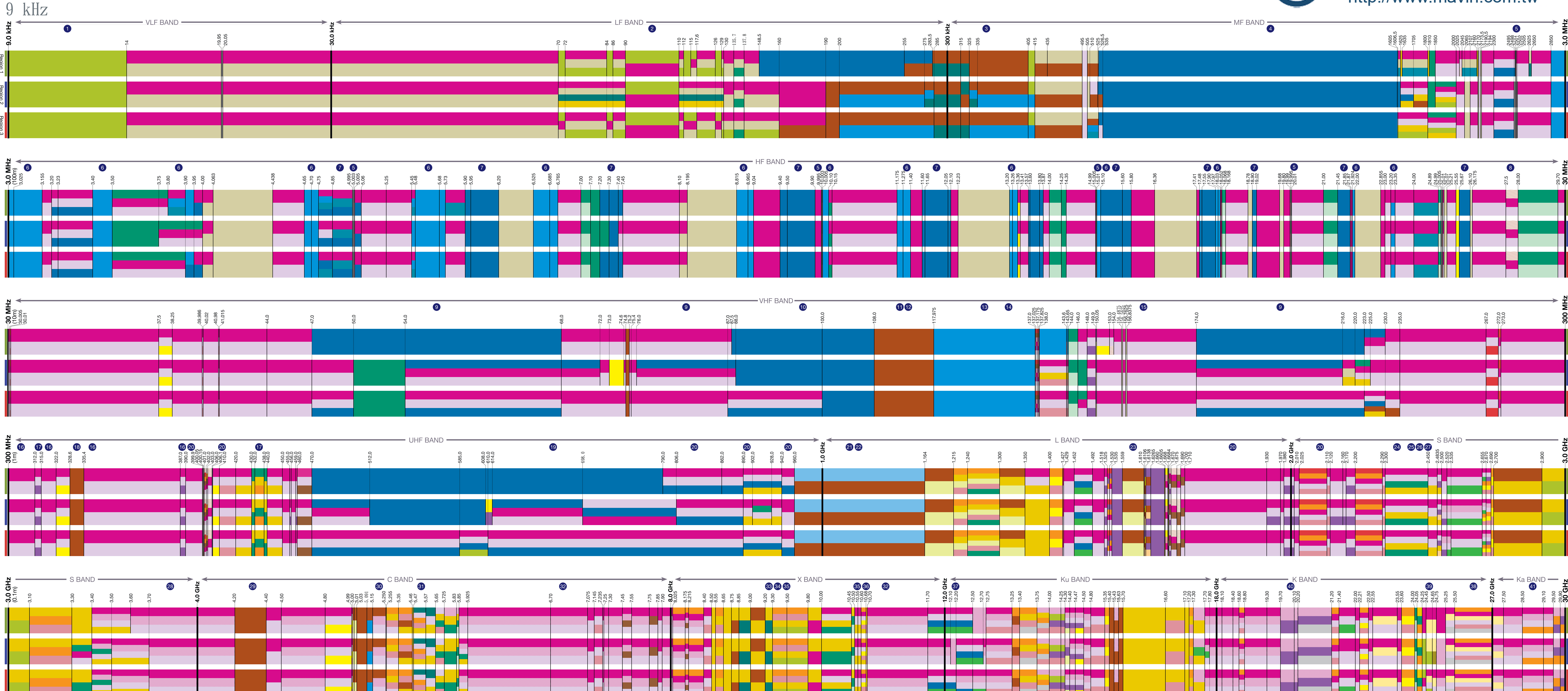


Worldwide Spectrum Allocations Courtesy of Tektronix



- Aeronautical Mobile
- Aeronautical Mobile Satellite
- Aeronautical Radiolocation
- Amateur
- Amateur Satellite
- Broadcasting
- Broadcasting Satellite
- Earth Exploration Satellite
- Fixed
- Fixed Satellite
- Inter-Satellite
- Land Mobile
- Land Mobile Satellite
- Maritime Mobile
- Maritime Mobile Satellite
- Maritime Radiolocation
- Meteorological Aids
- Meteorological Satellite
- Mobile
- Mobile Satellite
- Radiodetermination Satellite
- Radiolocation
- Radiolocation Satellite
- Radioregistration
- Radioregistration Satellite
- Space Operation
- Space Research
- Standard Frequency & Time Signal
- Standard Frequency & Time Signal Satellite

- SELECTED POINTS OF INTEREST:**
- 1 Undersea Cable Locating Equipment
 - 2 LORAN Navigation
 - 3 ADF Non-Directional Beacon(NDB)
 - 4 AM Radio Broadcast
 - 5 WWV Time Standard Signals
 - 6 Major World Air Route Areas (OWRA)

- 7 International Shortwave Broadcasters
- 8 Citizen Band Radios (CB)
- 9 VHF Television (TV)
- 10 FM Radio Broadcast
- 11 VHF Omni-directional Range(OMR)
- 12 VHF DMI-directional Range(DDM)
- 13 Instrument Landing System (ILS)/OCL
- 14 Civil Aircraft Communications Radio

- 15 Emergency Locator Transponders (ELT)
- 16 International Maritime VHF Channels
- 17 Garage Door Openers
- 18 Automobile Remote Keyless Entry (RKE)
- 19 Aircraft Landing Glide Slope (GS)
- 20 UHF Television (TV)
- 21 Cellular Phone Bands

- 22 Distance Measurement Equipment (DME)
- 23 Aircraft Radar Transponders
- 24 Global Positioning System (GPS, LI)
- 25 Broadcast Satellite Radio Services
- 26 Wireless Local Area Networks (WLAN) 802.11b & g
- 27 Bluetooth Personal Area Networks (PAN)
- 28 Microwave Ovens

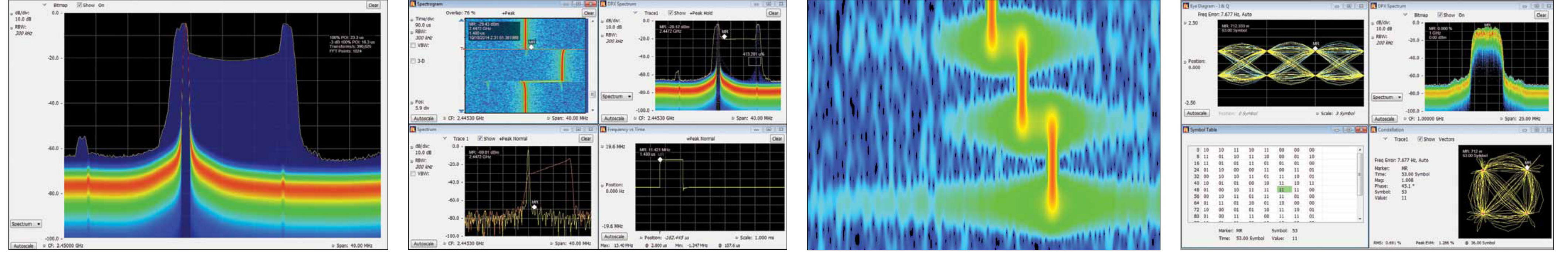
- 29 Satellite Television Broadcast
- 30 Aircraft Radar Altimeters
- 31 Wireless Local Area Networks (WLAN) 802.11a
- 32 Weather Radar - Large Aircraft
- 33 Point-to-Point Telecom Infrastructure
- 34 Weather Radar - Small Aircraft
- 35 Maritime Radar

- 36 Police Radar Speed Measurement
- 37 Radar Motion Detectors (Doors & Alarms)
- 38 Direct Broadcast Satellite
- 39 Inter-Satellite Frequency & Time Standard Reference
- 40 Inter-Satellite Radiolocation
- 41 Fixed Satellite Service: Space-to-Earth All Regions
- 42 Fixed Satellite Service: Earth-to-Space All Regions

Selected Points of Interest are based on popular allocation applications, may not be exhaustive or applicable for all nations. This chart represents a single point in time of the International Telecommunications Union (ITU) worldwide spectral allocations summarized in the ITU Radio Regulations, Code of Federal Regulations, etc. It does not necessarily reflect all aspects such as footprints and recent changes. Users should always consult their national regulatory body for current allocations. This chart does not differentiate between Co-Primary and Secondary allocations. Allocations are listed from top to bottom in the order they appear in 2.100. Horizontal logarithmic scale has been exaggerated on some very narrow bands for readability.

Tektronix Real-Time Spectrum Analyzers

Discover much more Trigger on frequency changes Capture seamlessly into memory Analyze multiple domains



30 GHz

Tektronix Real-Time Spectrum Analyzers: Solving your RF challenges from the bench to the field



