

North American Broadcast Television Recordings Logged at VE3GXV

The recordings for each of the North American Broadcast Television NTSC Channels are shown at VE3GXV's station (GTA) and does not imply that this is what is heard at any other location. What you see is what you get and other considerations for atmospheric noise, manmade noise, system noise etc may degrade the signal and cause for interference. However, signals shown are for reference only. Meteor Scatter (MS) are shown and noted per TV Channel. Those TV Channels that aid the MS amateur listener will have comments by the author.

Channel Numbers are indicated in various sources i.e.: Wikipedia website, FCC and DOC documents and related citations, and the World Radio Television Handbook WRTH. Channels 2 to 13 are shown only. Channels 14 and above are not shown due to limitations of receiver equipment and meteor recordings. Signals shown indicate the Vestigial Side Band (VSB) Video Carrier, normally 1.25 MHz above the TV guard band. FM Audio Carrier and ATSC for Digital Carrier are now shown, but their related signals may be present in the displays.

Signals are limited up to 1700 Hertz. Signals beyond this range are seldom needed for processing meteor pings and reflections. If need be, further investigations will be done.

From time to time when newer information becomes available or other limiting factors in this presentation shows need for improvement or updating, the owner will make corrections. If you see any errors please Email me at iskotar@rogers.com.

Station Information:

Radio Receiver: ICOM R-7000

Website: <http://www.universal-radio.com/catalog/scanners/r7000.html>

Antenna: Diamond D130J Supper Discone Antenna, 25-1300 MHz;

Website: <http://www.diamondantenna.net/>

Computer: IBM ThinkCentre MT-M 8212-14U

Website:

http://www.shoptrue.com/query.php?query=ibm+thinkcentre&cm_mmc=yahoo-_-miscellaneous_search_advanced_bp_10-_-ibm+thinkcentre-_-ibm+thinkcentre&acc=ShopTrue-Other_1&guid=1410148593&OVRAW=IBM%20ThinkCentre%20MT-M%208212-14U&OVKEY=ibm%20thinkcentre&OVMTc=advanced&OVADID=76294905511&OVKWID=487081752011&OVCAMPGID=19390190011&OVADGRPID=30436823899&OVNDID=ND1

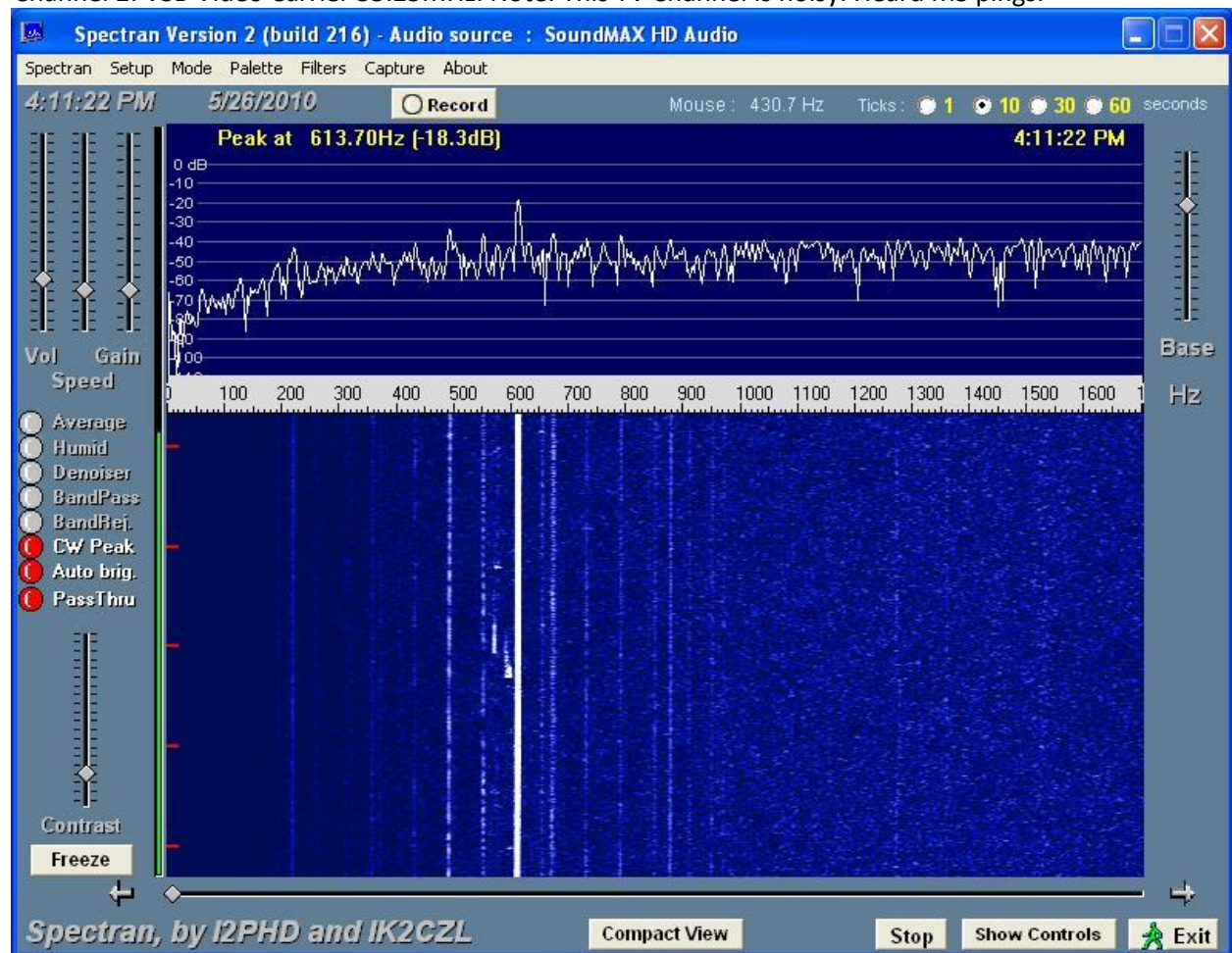
Sound Card: SoundMax HD Audio

Website: http://www.analog.com/en/audiovideo-products/audio-signal-processors/products/overview/SoundMAX_audio_signal_processing/resources/fca.html

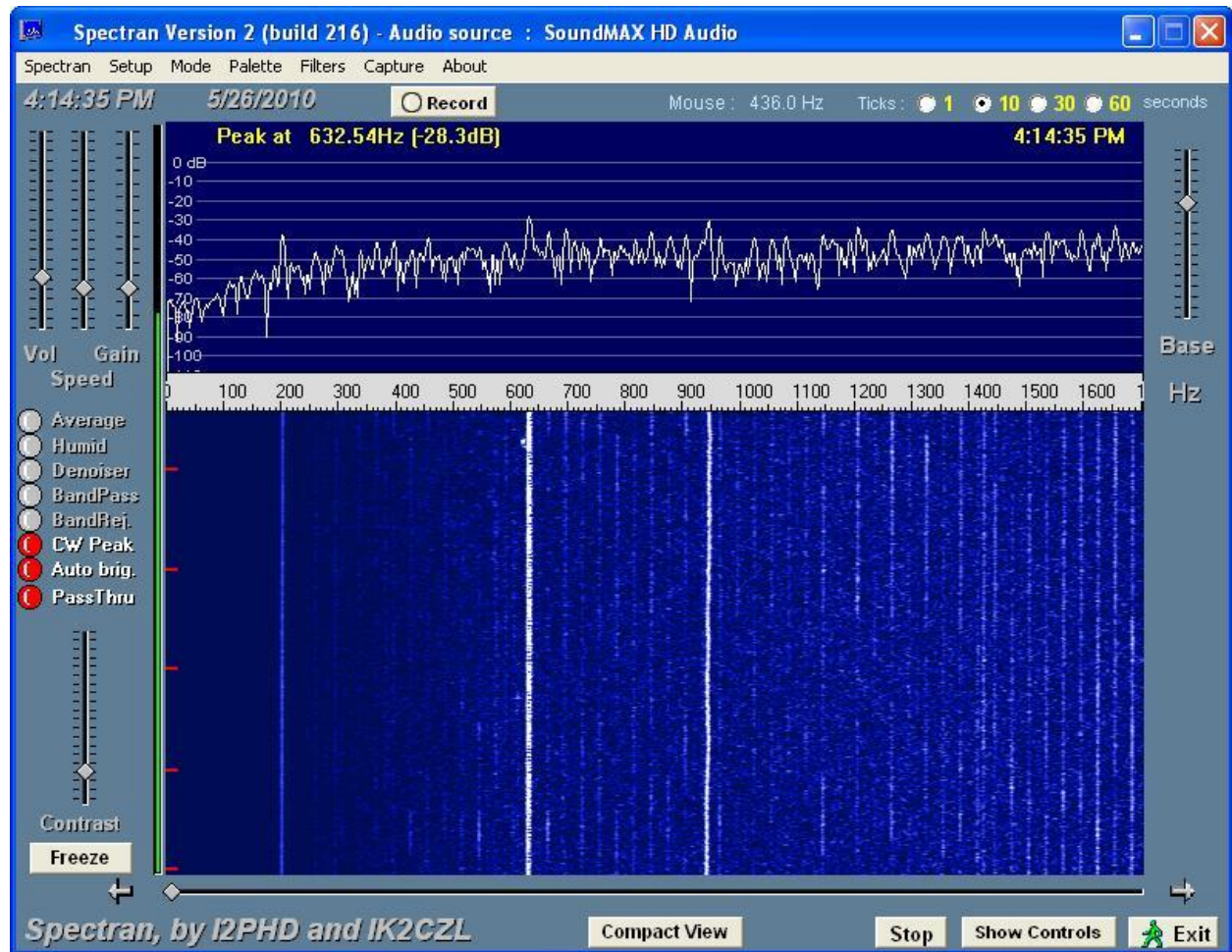
Software: Spectran Version 2 (Build 216)

Website: <http://www.sdrham.com/spectran.html>

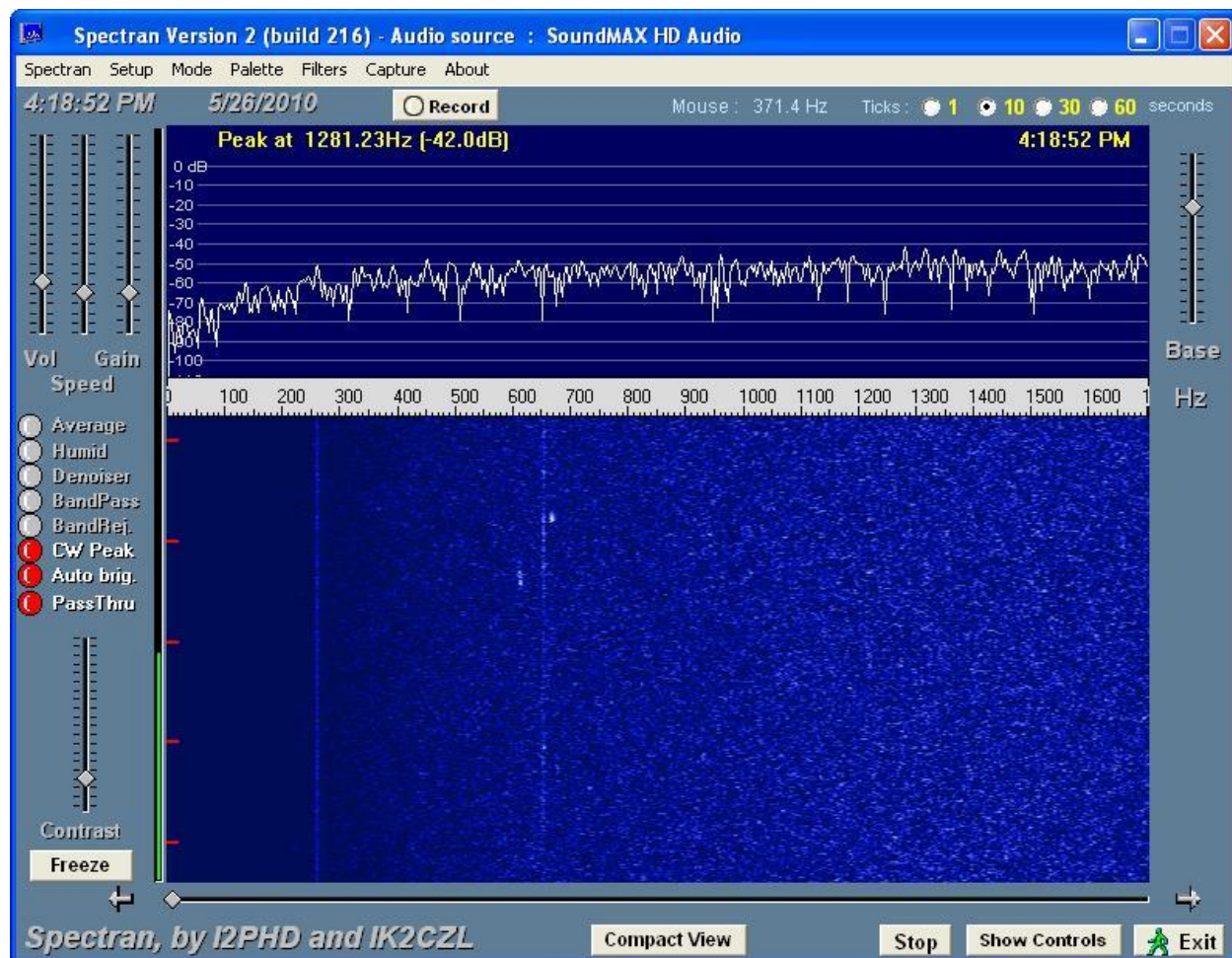
Channel 2: VSB Video Carrier 55.25MHz. Note: This TV Channel is noisy. Heard MS pings.



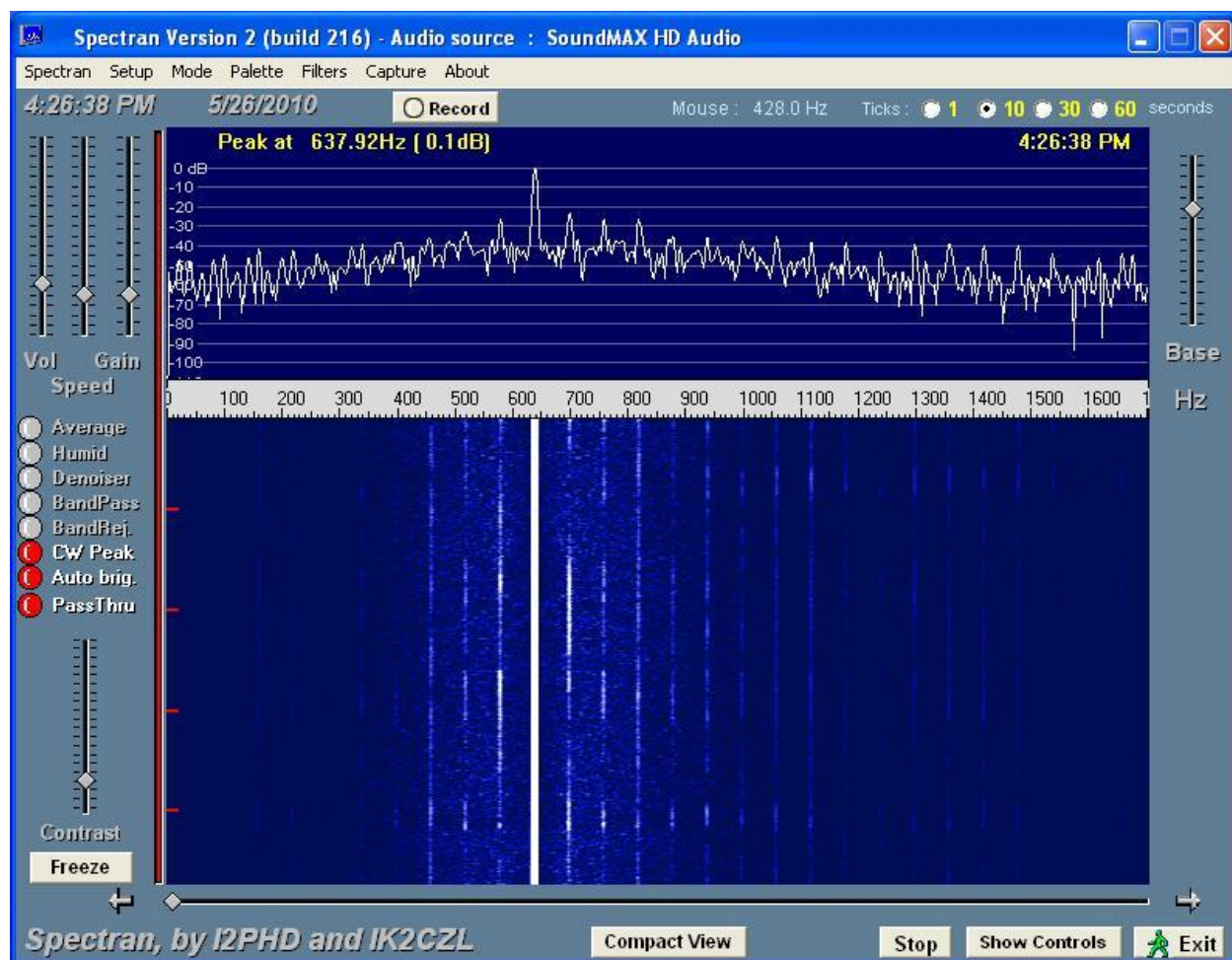
Channel 3: VSB Video Carrier 61.25MHz. Note: This TV Channel is noisy and too much skip. Heard MS pings.



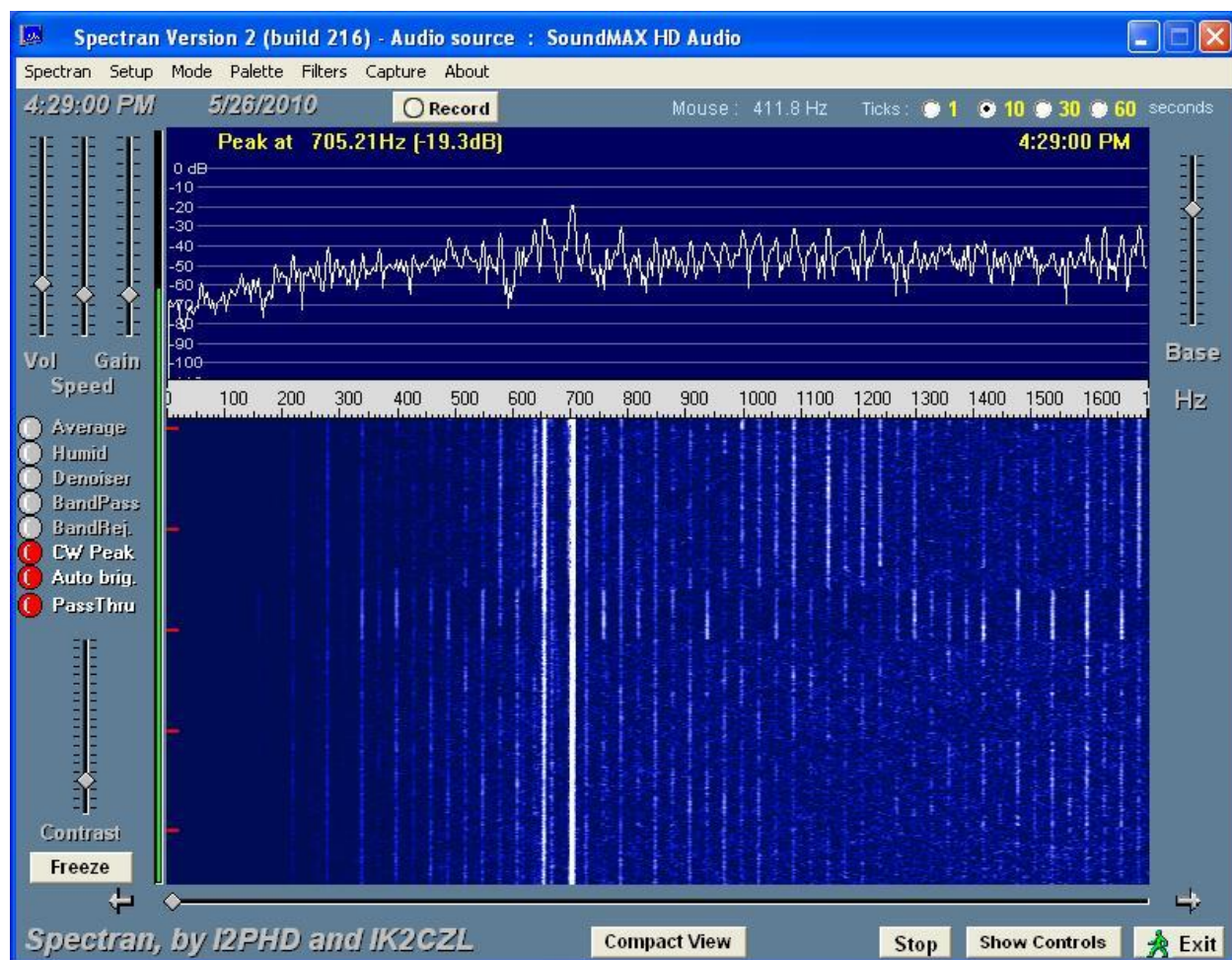
Channel 4: VSB Video Carrier 67.25MHz. Note: This TV Channel is very good for MS bursts and pings.



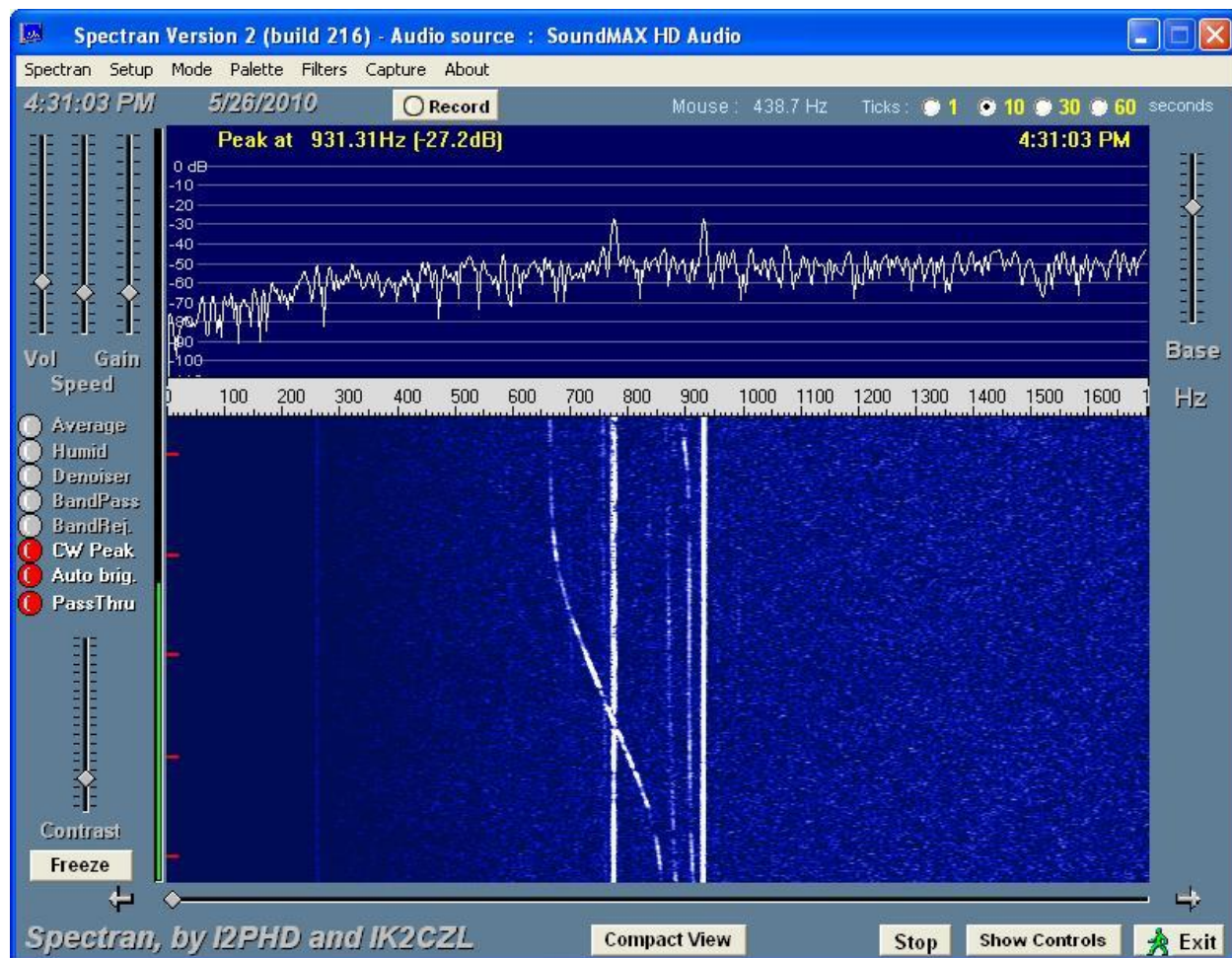
Channel 5: VSB Video Carrier 77.25MHz. Note: This TV Channel is noisy.



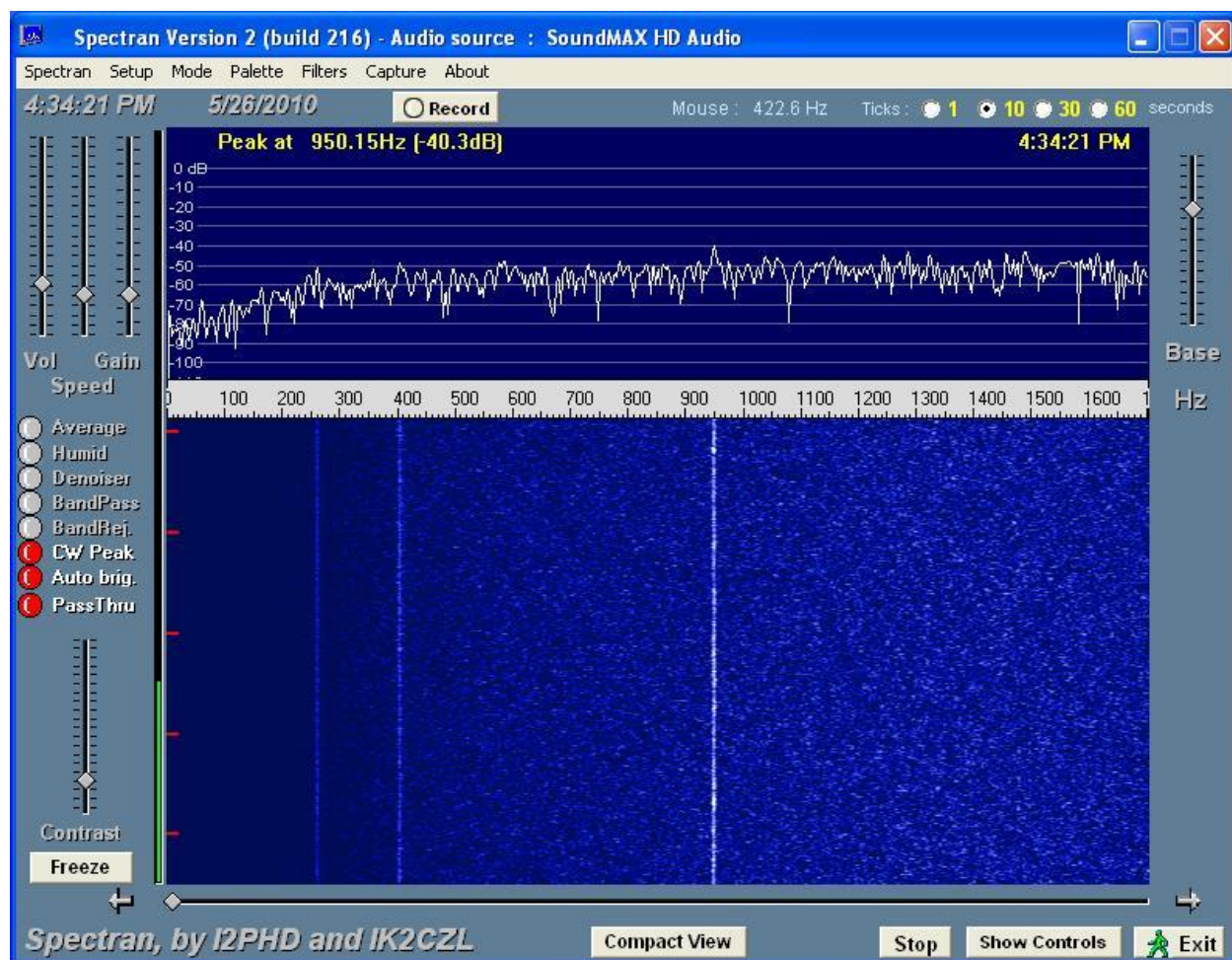
Channel 6: VSB Video Carrier 83.25MHz. Note: This TV Channel is noisy and too much skip.



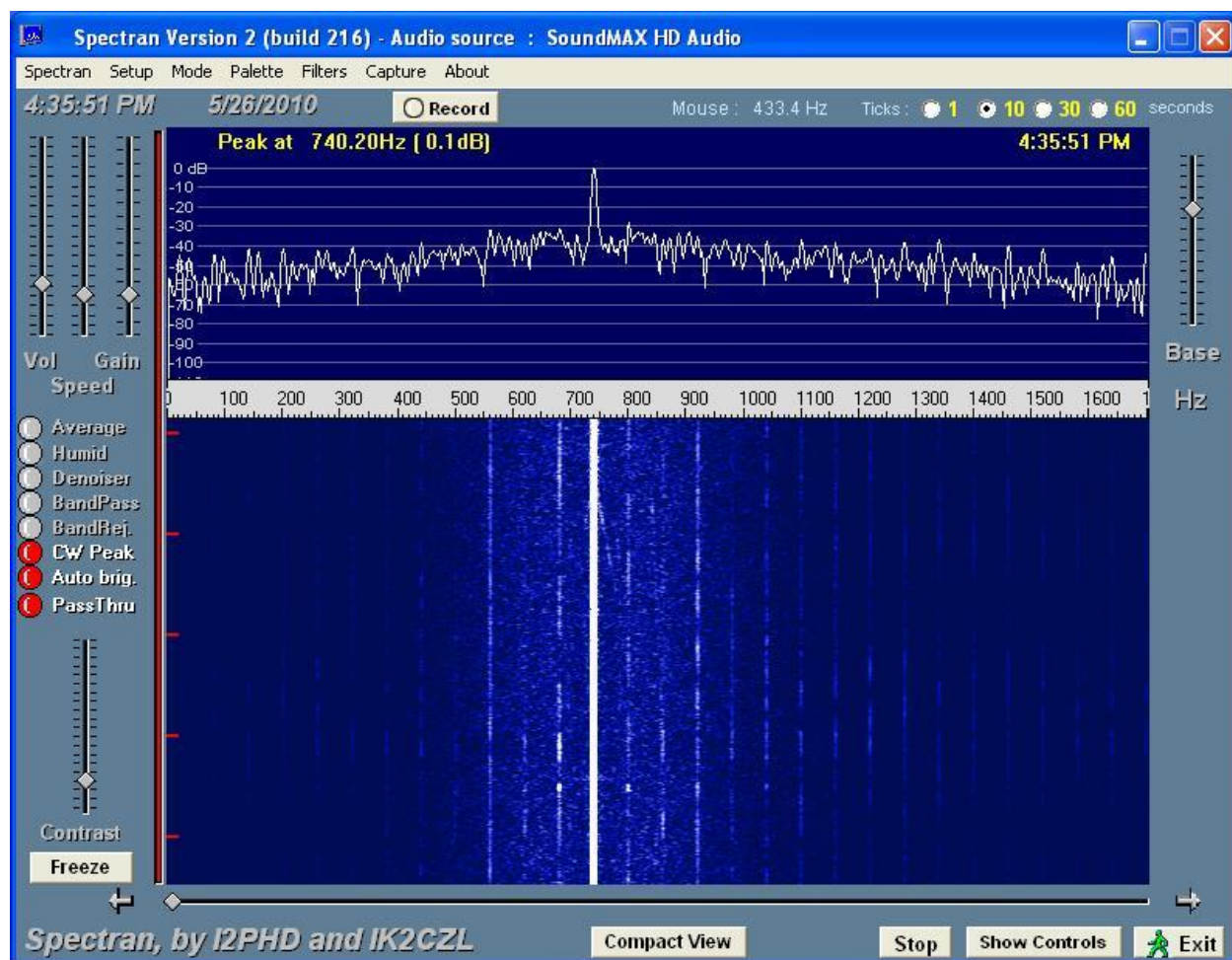
Channel 7: VSB Video Carrier 175.25MHz. Note: This TV Channel is noisy and too much skip.



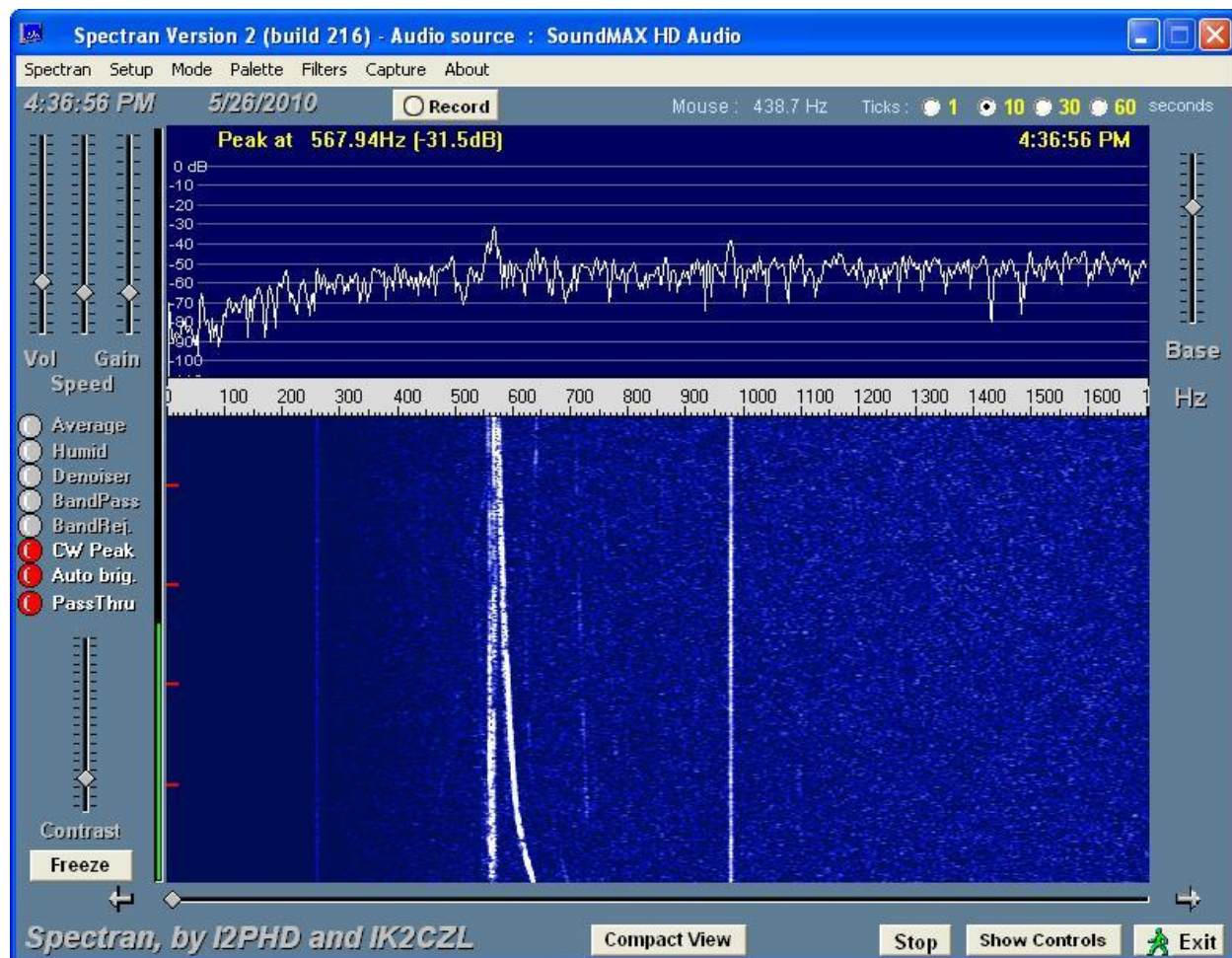
Channel 8: VSB Video Carrier 181.25MHz. This TV Channel had some MS burst and pings.



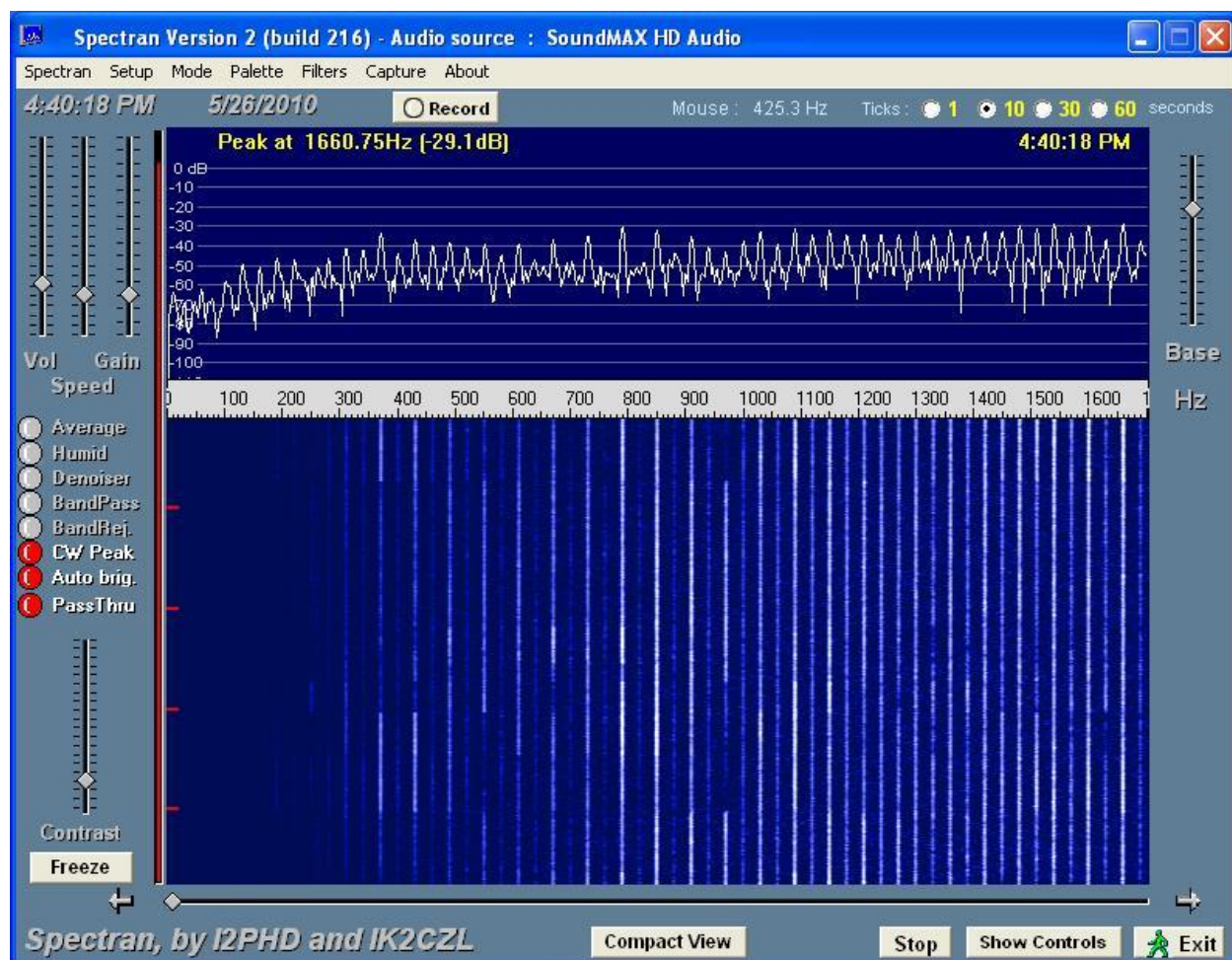
Channel 9: VSB Video Carrier 187.25MHz. Note: This TV Channel is Noisy.



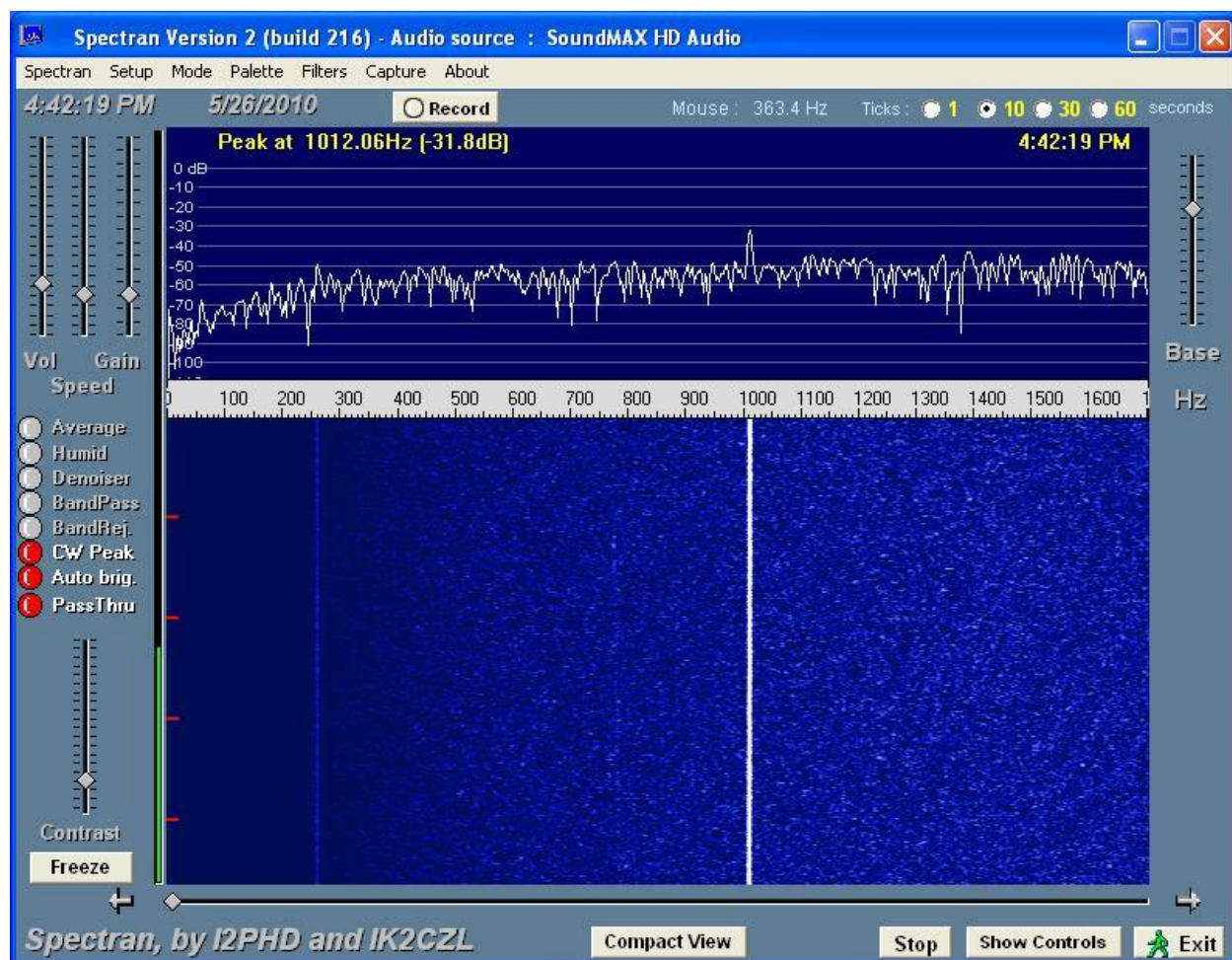
Channel 10: VSB Video Carrier 193.25MHz. Note: This TV Channel is noisy and too much skip.



Channel 11: VSB Video Carrier 199.25MHz. Note: Very Noisy Channel.



Channel 12: VSB Video Carrier 205.25MHz. Note: This TV Channel holds promise.



Channel 13: VSB Video Carrier 211.25MHz. Note: 25 second meteor trail.

