LilacSat-2 V/U (mode J) FM satellite

Uplink: 144.350 MHz FM, no CTCSS/PL
Downlink: 437.200 MHz FM, +/- for Doppler

The LilacSat-2 FM repeater is currently planned to be active for 24 hours at a time, starting around 2200 UTC on Mondays, Wednesdays, and Fridays. This schedule is flexible, and subject to change without prior notice.

As with other satellites, full-duplex operation is preferred. This allows you to hear your own signals from the satellite, without relying on others to confirm that. Please listen around the 144.350 MHz uplink frequency before working LilacSat-2 passes, as this is a frequency outside the normal 2m amateur satellite subband at 145.800-146.000 MHz. The 144.350 MHz uplink frequency is a legal uplink frequency per the International Radio Regulations and (in the USA) FCC Part 97, but may conflict with local or regional band plans.

Programming chart for LilacSat-2:

Channel	Transmit	Receive
1	144.350 MHz	437.210 MHz
2	144.350 MHz	437.205 MHz
3	144.350 MHz	437.200 MHz
4	144.350 MHz	437.195 MHz
5	144.350 MHz	437.190 MHz

Some operators have reported that receiving the LilacSat-2 downlink using narrow FM, instead of "normal" FM, may improve the downlink audio.

More information is available at:

http://lilacsat.hit.edu.cn/?page_id=257

and:

https://twitter.com/bg2bhc (BG2BHC, member of LilacSat-2 team)

Reports of LilacSat-2 activity are also posted on the AMSAT Live OSCAR Satellite Status Page:

http://www.amsat.org/status/