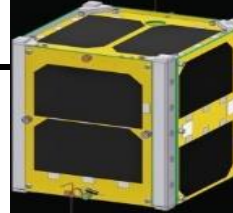
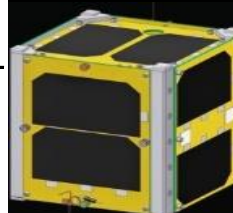
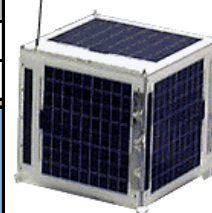
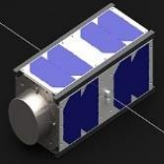



# Active FM Satellite Frequencies - KA7FVV Satellite Reference

Updated: 11/2017

<b>SO-50</b>		<b>V/u</b>	Use a 74.4 hz tone to turn the transmitter on. Satellite has a 10 minute timer. Always use 67.0 hz tone when using transponder.							
Doppler Adjust	<b>Downlink</b>		436.815	436.810	436.805	436.800	436.795	436.790	436.785	436.780
<b>Tone: 67.0</b>	<b>Uplink</b>						145.850			
			<b>AOS</b>				<b>MID</b>			<b>LOS</b>
Doppler Adjust	<b>Downlink</b>		436.805	436.800	436.795	436.790	436.785	Alternate doppler programming based on what I have found HRD adjust for doppler during a pass.		
<b>Tone: 67.0</b>	<b>Uplink</b>				145.850					
			<b>AOS</b>		<b>MID</b>		<b>LOS</b>			
<b>ISS Voice</b>	<b>VHF</b>			<b>APRS</b>	<b>VHF</b>		<b>ISS Repeater</b>			
	<b>Downlink</b>		145.800	<b>Downlink</b>	145.825			145.800		
-1.31	<b>Uplink</b>		144.490	<b>Uplink</b>	145.825	437.040	437.045	437.050	437.055	437.060
<b>AO-85</b>	<b>U/v</b>	<b>Launched October 2015</b>								
	<b>Downlink</b>		145.980	145.980	145.980	145.980	145.975	Per AMSAT Fox-1A Guide		
<b>Tone: 67.0</b>	<b>Uplink</b>		435.160	435.165	435.170	435.175	435.180			
			<b>AOS</b>		<b>MID</b>		<b>LOS</b>			
<b>RadFxSat</b>	<b>U/v</b>	<b>Launched November 2017</b>								
	<b>Downlink</b>				145.960					
<b>Tone: 67.0</b>	<b>Uplink</b>		435.240	435.245	435.250	435.255	435.260			
			<b>AOS</b>		<b>MID</b>		<b>LOS</b>			
<b>LilacSat-2</b>	<b>V/u</b>	<b>Launched September 2015</b>								
	<b>Downlink</b>		437.210	437.205	437.200	437.195	437.190			
<b>No Tone</b>	<b>Uplink</b>				144.350					
			<b>AOS</b>		<b>MID</b>		<b>LOS</b>			



LilacSat-1	V/u	Launched May 2017 from ISS						
	Downlink	436.520	436.515	436.510	436.505	436.500		This sat uses FM uplink and a digital downlink. Please see my satellite page for details.
Tone: 67.0	Uplink			145.985				
		AOS		MID		LOS		
D-STAR One	U/u	Launch scheduled for 11/28/2017						
DV	Downlink	435.535	435.530	435.525	435.520	435.515		
DV	Uplink	437.315	437.320	437.325	437.330	437.335		
		AOS		MID		LOS		



