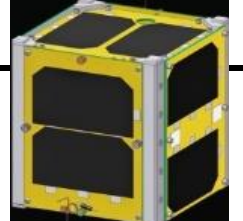
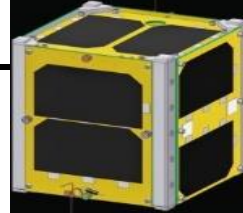
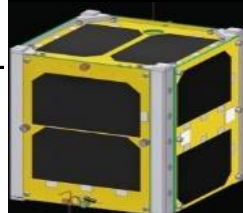
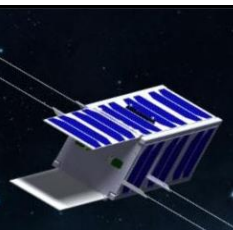



Active FM Satellite Frequencies - KA7FVV Satellite Reference

Updated: 01/2018

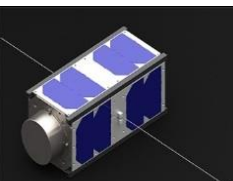
SO-50		V/u		Use a 74.4 hz tone to turn the transmitter on. Satellite has a 10 minute timer. Always use 67.0 hz tone when using transponder.											
Doppler Adjust	Downlink	436.815	436.810	436.805	436.800	436.795	436.790	436.785	436.780						
Tone: 67.0	Uplink					145.850									
		AOS				MID				LOS					
Doppler Adjust	Downlink	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.								
Tone: 67.0	Uplink			145.850											
		AOS		MID		LOS									
ISS Voice		VHF		APRS		VHF		Not Active		ISS Repeater				Not Active	
	Downlink	145.800	Downlink	145.825			145.800								
-1.31	Uplink	144.490	Uplink	145.825	437.040	437.045	437.050	437.055	437.060						
AO-85		U/v		Launched October 2015											
	Downlink	145.980	145.980	145.980	145.980	145.975	Per AMSAT Fox-1A Guide								
Tone: 67.0	Uplink	435.160	435.165	435.170	435.175	435.180									
		AOS		MID		LOS									
AO-91		U/v		Launched November 2017											
	Downlink			145.960											
Tone: 67.0	Uplink	435.240	435.245	435.250	435.255	435.260									
		AOS		MID		LOS									
AO-92		U/v		Launched January 2018											
	Downlink			145.880											
Tone: 67.0	Uplink	435.340	435.345	435.350	435.355	435.360									
		AOS		MID		LOS									




PicSat	V/u	Launched January 2018					
	Downlink	435.515	435.520	435.525	435.530	435.535	
	Uplink			145.910			
		AOS		MID		LOS	

LilacSat-2	V/u	Launched September 2015					
	Downlink	437.210	437.205	437.200	437.195	437.190	
No Tone	Uplink			144.350			
		AOS		MID		LOS	

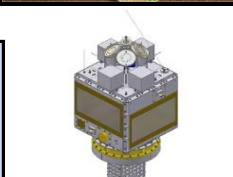
Digital Satellites

LilacSat-1	V/u	Launched May 2017 from ISS					
	Downlink	436.520	436.515	436.510	436.505	436.500	
Tone: 67.0	Uplink			145.985			
		AOS		MID		LOS	

This sat uses FM uplink and a digital downlink. Please see my satellite page for details.

NO-84	VHF	APRS like ISS - Use Alias of ARISS or APRSAT					
	Downlink	145.825					
	Uplink	145.825					

Same setup as ISS except for the Alias. Can beacon and message. See my satellite page for more.

FalconSat3	V/u	9600 baud GMSK Digital Transponder					
APRS96	Downlink	435.110	435.105	435.100	435.095	435.090	
APRS96	Uplink			145.840			
		AOS		MID		LOS	

This satellite can be worked with the Kenwood D72a handheld. See my satellite page for more.

