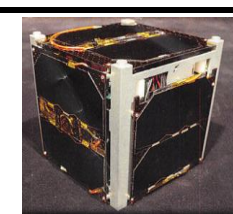
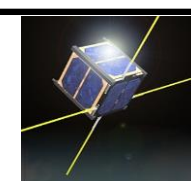
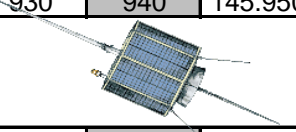
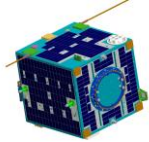
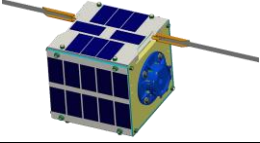
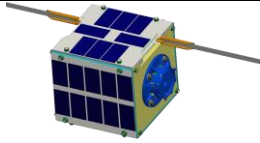
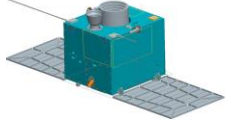
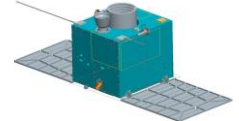

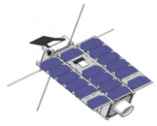


**Active SSB/CW Linear Transponder Satellite Frequencies - KA7FVV Satellite Reference** Updated: 01/2020

<b>AO-7 SSB/CW</b>	None	V/a	Seems to be stuck in the U/v mode. Will switch to mode A if to much uplink power is used.										
Beacon: 29.502	USB	Downlink	29.400	410	420	430	440	450	460	470	480	490	29.500
Beacon: 145.975	LSB	Uplink	145.850	860	870	880	890	900	910	920	930	940	145.950
Beacon: 435.100													
<b>AO-7 SSB/CW</b>	Inv	U/v											
Beacon: 29.502	USB	Downlink	145.975	970	965	960	955	950	945	940	935	930	145.925
Beacon: 145.975	LSB	Uplink	432.125	130	135	140	145	150	155	160	165	170	432.175
Beacon: 435.100													
<b>AO-73 SSB/CW</b>	Inv	U/v	Use FUNcube-1 latest Dash Board Software to decode telemetry available here: <a href="http://funcube.org.uk/working-documents/funcube-telemetry-dashboard/">http://funcube.org.uk/working-documents/funcube-telemetry-dashboard/</a>										
Beacon: 145.935	USB	Downlink	145.950	955	960	965	145.970						
	LSB	Uplink	435.150	145	140	135	435.130						
<b>JO-97 SSB/CW</b>	Inv	U/v	Transponder not yet active										
Beacon: 145.840	USB	Downlink	145.875	970	865	860	145.855						
	LSB	Uplink	435.100	105	110	115	435.120						
<b>FO-99 SSB/CW</b>	None	V/u	See web site for schedule information. Primarily active over Japan.										
Beacon: 437.075	USB	Downlink	435.880	885	890	895	900	905	435.910				
SSTV Capable	LSB	Uplink	145.900	905	910	915	920	925	145.930				
<b>EO-88 (Nayif-1) SSB/CW</b>	Inv	V/u											
Beacon: 145.940	USB	Downlink	145.960	965	970	975	980	985	145.990				
	LSB	Uplink	435.045	040	035	030	025	020	435.015				



<b>XW-2A SSB/CW</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.660	<b>USB</b>	<b>Downlink</b>	145.685	680	675	670	145.665			
Data: 145.640	<b>LSB</b>	<b>Uplink</b>	435.030	035	040	045	145.050			
<b>XW-2B SSB/CW</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.725	<b>USB</b>	<b>Downlink</b>	145.750	745	740	735	145.730			
Data: 145.705	<b>LSB</b>	<b>Uplink</b>	435.090	095	100	105	435.110			
<b>XW-2F SSB/CW</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.975	<b>USB</b>	<b>Downlink</b>	146.000	995	990	985	145.980			
Data: 145.955	<b>LSB</b>	<b>Uplink</b>	435.330	335	340	345	435.350			
<b>CAS-4A</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.855	<b>USB</b>	<b>Downlink</b>	145.880	875	870	865	145.860			
Data: 145.835	<b>LSB</b>	<b>Uplink</b>	435.210	215	220	225	435.230			
<b>CAS-4B</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.910	<b>USB</b>	<b>Downlink</b>	145.935	930	925	920	145.915			
Data: 145.890	<b>LSB</b>	<b>Uplink</b>	435.270	275	280	285	435.290			
<b>CAS-6</b>	<b>Inv</b>	<b>U/v</b>								
CW Beacon: 145.910	<b>USB</b>	<b>Downlink</b>	145.935	930	925	920	145.915			
Data: 145.890	<b>LSB</b>	<b>Uplink</b>	435.270	275	280	285	435.290			
<b>HuskySat-1</b>	<b>Inv</b>	<b>U/v</b>								
Esp Dwnlk: 24049.00	<b>USB</b>	<b>Downlink</b>	435.840	835	830	825	820	815	435.810	
Data: 435.800	<b>LSB</b>	<b>Uplink</b>	145.910	915	920	925	930	935	145.940	