



EMRBM Ironbird Frequency Allocations (v6)

Purpose	Transmitter / Receiver	Center Frequency (MHz)	Signal Bandwidth (MHz)	Modulation	Power Level (W)
IB Dynetics TM-1	Transmitter	2221.5	14.4	PCM / FM	0.1 – 5
IB Dynetics TM-2	Transmitter	2380.5	12.0	PCM / FM	0.1 – 5
IB FTR	Receiver	421.0	0.360	FM (Multitone)	n/a
IB LV GPS (L1 & L2)	Receiver	1575.42 & 1227.60	11	BPSK	n/a
YPG COM-1 (VHF / UHF #1)		139.70 / 226.80	0.005 - 0.015	AM/FM	n/a
YPG COM-2 (VHF / UHF #2)		140.50 / 235.85	0.005 - 0.015	AM/FM	n/a
YPG COM-3 (VHF / UHF #3)		143.60 / 248.55	0.005 - 0.015	AM/FM	n/a

Purpose	Emission Designator	Antenna Type	Manufacturer Transmitter	JF12	Model Number and Type
IB Dynetics TM-1	11M6F1D, 14M4F1D	Haigh-Farr Blade Antenna	Quasonix	J/F 12/ 09140, /1, /2, /3	Quasonix, QSX- VSR-110-05S
IB Dynetics TM-2	11M6F1D, 14M4F1D	Haigh-Farr Blade Antenna	Quasonix	J/F 12/ 09140, /1, /2, /3	Quasonix, QSX- VSR-110-05S
IB FTR				N/A	
IB LV GPS (L1 & L2)		Haigh-Farr Patch Antenna		N/A	