

## Essex Raynet Operational Frequencies

Frequency (MHz)	Channel No.	Usage
144.625	21	Tertiary
144.6375	22	Reserve
144.650	23	<b>Secondary VHF operating frequency</b>
144.6625	24	Reserve
144.675	25	<b>Primary VHF operating frequency</b>
144.775	26	Reserve
144.7875	27	Reserve
144.800	28	<b>APRS - Automatic Packet Reporting System</b>
144.875	29	Data Primary – TCP/IP
144.9125	30	AX25 primary
144.925	31	Data Secondary – TCP/IP
145.200	32	Reserve - Avoid use to prevent interference with ISS
145.225	33	Reserve
145.800	34	Reserve - Avoid use to prevent interference with ISS

70.350	41	Reserve
70.375	42	<b>Secondary 4m operating frequency</b>
70.400	43	<b>Primary 4m operating frequency</b>

51.650	51	<b>Primary 6m operating frequency</b>
51.750	52	<b>Secondary 6m operating frequency</b>
51.770	53	Reserve
51.790	54	Reserve

433.700	71	<b>Primary UHF operating frequency</b>	
433.7125	71a	Reserve	
433.725	72	<b>Secondary UHF operating frequency</b>	
433.7375	72a	Reserve	
433.750	73	Tertiary	
433.7625	73a	Reserve	
433.775	74	Reserve	
438.8125	75	<b>Engineering</b>	
438.825	76		
438.8375	77		
438.850	78		
438.8625	79		
438.875	80		
438.8875	81		
438.900	82		
438.9125	83		
438.400 430.800	84		<b>70cm repeater</b>
438.3875 430.7875	85	<b>70cm repeater</b>	<b>(Mobile Rx) (Mobile Tx)</b>
438.4125 430.8125	86	<b>70cm repeater</b>	<b>(Mobile Rx) (Mobile Tx)</b>

N.B. Channels designated as 'Engineering' not to be used unless directed by control station