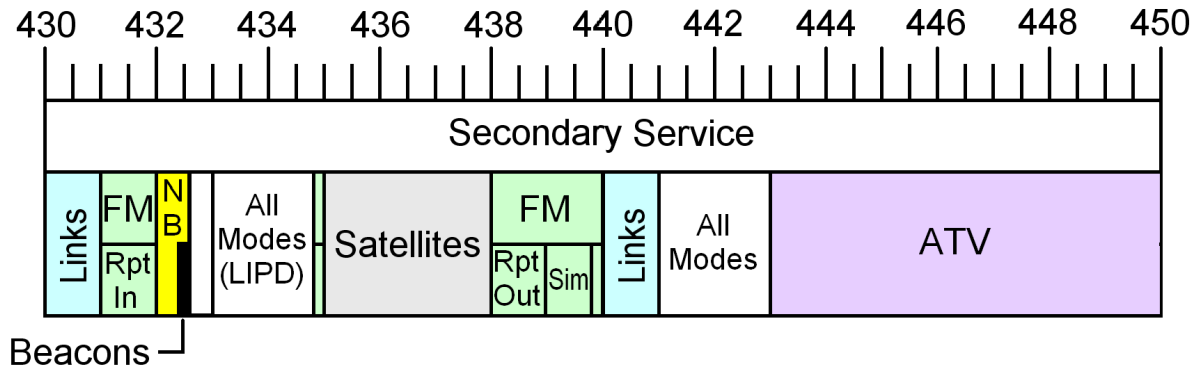


70 cm band – All licence classes

Please note the band plan changes which have been adopted for the purpose of overcoming interference problems caused by LIPD (“Low Interference Potential” devices in the band 433.050 - 434.790 MHz. These changes include rearrangement of simplex channels and the creation of a new repeater input segment.

Band Allocation

420 - 450 MHz	RADIOLOCATION	Primary Service
420 - 450 MHz	FIXED, MOBILE	Primary Service
420 - 430 MHz	AMATEUR (no access from January 2013)	Secondary Service
430 - 450 MHz	AMATEUR	Secondary Service
435 - 438 MHz	AMATEUR SATELLITE	Permitted on non-interference basis



430.025 - 430.975	REPEATER LINKS - Group A	(Note 7)
431.0250 - 431.9375	REPEATER INPUTS Group A (7 MHz offset) Paired with outputs 438.0250 - 438.9375	(Note 6,9)
431.950 - 432.700	NARROW BAND MODES	(Note 1)
431.950 - 432.000	EME guard band	
432.000 - 432.100	EME	
432.100 - 432.400	CW / SSB	
432.100	Calling frequency: national primary	
432.200	Calling frequency: national secondary	
432.220 - 432.240	Digital DX modes	
432.240 - 432.300	Guard band: New Zealand beacons	
432.300	SSB chat frequency	
432.320 - 432.340	Digital DX modes	
432.400 - 432.600	Beacons	(Note 2)
432.600 - 433.000	Experimental (future)	
432.625 - 432.975	Legacy repeater inputs (5.4 MHz offset)	(Note 6,9)
433.025 - 434.775	ALL MODES	(Notes 4, 5, 6)
433.050 - 434.790	LIPD Class Licence band	
433.025 - 433.750	Legacy repeater inputs (5 MHz offset)	
434.000 - 434.775	Repeater links - Group C	
434.275 - 434.775	Repeater inputs - 5 MHz offset (legacy)	
434.800 - 434.9875	REPEATER INPUTS Group B (5 MHz offset) (12.5 or 25 kHz channel spacing)	(Notes 4, 7)
435.000 - 438.000	AMATEUR SATELLITES	(Note 3)

438.000 - 438.9375	REPEATER OUTPUTS Group A (7 MHz offset) (12.5 or 25 kHz channels)	(Note 6)
438.0250 - 438.7625	Existing repeater outputs (legacy 5 or 5.4 MHz offset)	(Note 9)
438.7750 - 438.9375	New repeater outputs	
438.950 - 439.775	FM AND DIGITAL SIMPLEX (12.5 or 25 kHz channel spacing)	
438.950	WICEN	
439.000	National FM voice calling frequency	
439.100	APRS	
439.125	Internet gateways	
439.150	Internet gateways	
439.200	Digital voice calling frequency	
439.400	ARDF frequency	
439.275 - 439.775	REPEATER OUTPUTS - 5.0 MHz offset (legacy)	(Note 6)
439.800 - 439.9875	REPEATER OUTPUTS Group B (5 MHz offset)	(Note 6)
440.025 - 440.975	REPEATER LINKS - Group B	(Note 7)
441.000 - 442.975	ALL MODES	
443.000 - 450.000	ATV	(Note 8)

Note 1: Narrow Band Modes

This segment is reserved for modes such as CW, digital modes and SSB with bandwidths up to 4 kHz. Weak signal operation has absolute priority. Calling frequencies should be used only to make initial contact and then vacated as soon as possible. Please avoid any terrestrial operation within the EME segment. The "Digital DX modes" segments include recommended spot frequencies for SSB-based digital modes, on the same pattern as in Note 1 of the 2 metre band plan.

Note 2: Beacons

Beacon frequencies are allocated on a call area basis, e.g. VK1: 432.410 - 432.419, VK2: 432.420 - 432.429 etc. Beacon frequency spacing is 2 kHz. The beacon segment should be kept clear of other transmissions.

Note 3: Amateur Satellites

The satellite segment should be kept clear of all terrestrial operation.

Note 4: LIPD Allocation

Stations operating between 433.050 and 434.790 MHz may experience interference from LIPDs ("Low Interference Potential Devices"). Repeaters have no protection from interference caused by LIPDs.

Note 5: Simplex

Channel spacing is 12.5 or 25 kHz. Channels reserved for special purposes should be kept clear of other operation.

Note 6: Repeaters

Channel spacing is 25 kHz for repeaters occupying 16 kHz bandwidth, or 12.5 kHz for repeaters occupying 10.1 kHz bandwidth.

New repeaters licensed in the output segment 438.025 - 438.9375 MHz will have a 7.0 MHz offset.

New repeaters licensed in the output segment 439.800 - 440.000 MHz will have a 5.0 MHz offset.

Note 7: Repeater Links

Link bands A and B are the primary link bands. They provide a 10 MHz offset pair.

Link Band C will be used only as a last resort, where the normal link segments cannot be used.

Note 8: Amateur Television

AM transmissions must be VSB only. Video carrier frequency 444.250 MHz. For digital ATV, the recommended standard is DVB-T using a 7 MHz bandwidth centred on 446.500 MHz.

Note 9: New band plan implementation

Existing fixed stations in the 431.000 - 431.950, 432.600 - 435.000 and 438.000 - 440.0000 MHz segments can remain on their current active frequencies until such time as they cancel their licenses or change frequency to one of the new allocations.