

EMBARGO 70

FREQUENCY RANGE(S):	1427-1518 MHz and 1525-1530 MHz
SUBJECT:	Restriction on new frequency assignments to preserve future planning options in the identified frequency range.
DATE OF EFFECT:	20 April 2016 (updated 5 September 2025)
COVERAGE:	Australia Wide
TIME FRAME:	Until further notice

INSTRUCTIONS

No assignments are to be made in defined Metropolitan and Regional Areas (refer to Attachment 1 for a description) for apparatus licences in the frequency range 1427-1518 MHz. Case-by-case exemptions are to be referred to the Manager, Spectrum Planning Section for consideration.

No new fixed service licences are permitted in the ranges 1452-1492 MHz and 1525-1530 MHz Australia-wide. This excludes point-to-multipoint services in rural or remote areas that are assigned in accordance with RALI FX3 and are for the delivery of public telecommunications services.

No new apparatus licences are permitted in the range 1452-1492 MHz, Australia-wide, for mobile, broadcasting or broadcasting-satellite services.

Any new/existing licences in the 1427-1518 MHz band will be issued/renewed for a maximum period of one-year at a time. This policy applies Australia-wide (i.e. including remote areas).

REASONS

The purpose of the embargo is to preserve future planning options in the identified frequency range and to minimise the impact that may be caused by a future change to the planning arrangements in the band.

COMMENTS

The 1427-1518 MHz frequency range is currently used for a mix of mobile (aeronautical) and terrestrial fixed services. WRC-15 identified the 1427-1452 MHz and 1492-1518 MHz frequency ranges world-wide for the implementation of International Mobile Telecommunications (IMT). The 1452-1492 MHz frequency range was also identified in Region 2 (North and South America), Region 3 (Asia-Pacific) and numerous Region 1 countries (African and Middle East Nations) for the implementation of IMT.

Given significant global interest in the 1427-1518 MHz frequency range for IMT, the ACMA intends to review arrangements in the bands (refer to the [Five-year spectrum outlook](#)). In December 2023, the ACMA released arrangements to support mobile-satellite services in the range 1518-1525 MHz and 1668-1675 MHz (see the [ACMA's review of the 1.5 GHz band: Extended MSS L-band options paper](#)). Our next steps will be to review terrestrial (non-satellite) services in the broader 1427-1535 MHz frequency range.

HISTORY

This embargo was put in place in April 2016 to preserve future planning options in the band.

In September 2025, restrictions contained in the Radiocommunications 1.5 GHz Frequency Band Plan 2015 (the band plan) were replicated in this embargo so that the status quo in the band is maintained after the band plan sunsets on 1 October 2025.

EMBARGO AUTHORISATION:

[signed] 05/09/2025

Manager
Spectrum Planning Section
Australian Communications and Media Authority

ATTACHMENT 1:

For the purpose of embargo 70, Metropolitan and Regional areas are described by the following HCIS:

BV, JW, IW, KW, LX, LY, MV, MW, NT, NU, AU2, AU3, AU6, AU9, AV9, AW3, BU1, BU2, BU4, BU5, BU7, BU8, BU9, BW1, BW2, BW3, BW5, BW6, CV4, CV7, CW1, CW4, GV1, GV2, GV3, GV6, HV1, HV2, HV4, HV5, HV6, HV8, HV9, HW3, HW6, IV4, IV5, IV6, IV7, IV8, IV9, JV4, JV5, JV7, JV8, JV9, JX1, JX2, JX3, JX5, JX6, KV7, KX1, KX2, KX3, KX4, KX5, KX6, KX8, KX9, KY2, KY3, KY6, LQ1, LQ2, LQ4, LQ5, LQ7, LQ8, LR2, LR3, LR5, LR6, LV9, LW1, LW2, LW3, LW4, LW5, LW6, LW7, LW8, LW9, LZ1, LZ2, LZ3, MR1, MR4, MR5, MR7, MR8, MR9, MS1, MS2, MS3, MS4, MS5, MS6, MS8, MS9, MT3, MT6, MT9, MU3, MU5, MU6, MU8, MU9, MX1, MX2, MX3, MX4, MX7, MY1, MY4, MY7, MZ1, NS4, NS7, NS8, NS9, NV1, NV2, NV3, NV4, NV5, NV7, NW1, GO7C, GO7D, GO7G, GO7H, GO7K, GO7L, GO8A, GO8E, GO8I

The HCIS is described in the Australian Spectrum Map Grid 2012. The Australian Spectrum Map Grid 2012 is available on the ACMA website at: www.acma.gov.au.