

GUIDELINES FOR APPLYING THE TEMPORARY USE OF RADIO FREQUENCY PERMIT

1 Introduction

- 1.1 This guide provides information on the general frequencies, operating conditions and fees payable for the temporary use of radio frequency. Each usage includes the operation of wireless telecommunication equipment during exhibitions, demonstration, testing of equipment or short-term events. IMDA will evaluate each application for the temporary use of radio frequency. Conditions for use will be included if the application is approved.

2 Use of Approved Equipment

- 2.1 Unless otherwise specified by IMDA, all equipment operated by a licensed dealer for demonstration purposes must be approved¹ by IMDA.
- 2.2 An exhibitor or an equipment manufacturer/supplier that takes part in an exhibition may be exempted from 2.1. However, equipment that has earlier failed IMDA's registration requirements may not be operated unless the applicant satisfies IMDA that its operation will not cause radio frequency interference to the operation of other radio-communication networks and equipment.

3 Duration of Use

- 3.1 The duration of temporary use may range from a few hours to a few days; up to a maximum period of 90 days.

4 Where to Apply

- 4.1 The applicant can apply online via GoBusiness Licensing Portal at <https://www.gobusiness.gov.sg/licences> using an authorised Singpass.



¹ Approved refers to equipment that have been registered with IMDA.

- 4.2 For short-term use of satellite frequencies for uplink/downlink broadcasting signals, where the applicant already possesses an uplink/downlink licence from IMDA, separate application guidelines are available.

5 Information Required

5.1 The following information is required and must be included in the online application:

- i) a brief description of the intended use of frequency, the types of equipment to be used and its functions;
- ii) a copy of the equipment's technical specifications which shall include the frequency range, the desired frequency(ies), the necessary bandwidth, emission characteristics, antenna gain, bandwidths and effective radiated power;
- iii) alternative frequencies or frequency ranges, if the desired frequencies/frequency ranges are not available;
- iv) for VSAT or earth station, the station location in Singapore and documentary evidence of permission to access the satellite system (including the name and location of satellite);
- v) approval from other relevant government agencies must first be obtained for all transient satellite news gathering;
- vi) location and period of demonstration/use of frequency; and
- vii) name and telephone number of the person to contact in case of radio frequency interference.

6 Frequencies for Use

6.1 The following frequencies with corresponding bandwidth/power can be assigned for temporary or occasional use:

No	Frequency	Bandwidth/Power
i)	25 273 kHz	16 kHz
ii)	71.575 MHz	16 kHz
iii)	83.875/87.875 MHz	16 kHz
iv)	137.175/141.775 MHz	16 kHz
v)	161.450 MHz	16 kHz
vi)	433.79 – 434.79 MHz	Low power devices of 10 mW ERP
vii)	455 MHz	16 kHz
viii)	821 MHz	± 2 MHz
ix)	866 - 869 MHz	Low power devices of 500 mW ERP
x)	1 530 - 1 544 MHz	Satellite Receive Band
xi)	1 575.42 MHz	GPS Receive
xii)	1880 - 1900 MHz	Low power devices of 100 mW ERP
xiii)	2 450 MHz	± 50 MHz
xiv)	3400 - 4200 MHz	(Satellite Receive Band)
xv)	5150 – 5350 MHz	Low power devices of 200 mW ERP
xvi)	5800 MHz	± 75 MHz
xvii)	10.7 - 11.7 GHz	Satellite Receive Band
xviii)	12.5 - 12.75 GHz	Satellite Receive Band
xix)	923 – 925 MHz	Low power devices of 500 mW ERP

The above list may be modified from time to time due to international/national frequency allocations.

6.2 Frequencies not listed above may be approved on a case-by-case basis.

7 Conditions of Operation

7.1 Frequencies approved for temporary use are subject, but not limited, to the following conditions for operation:

- i) all frequencies for use are operated on a shared-use basis;
- ii) usage of frequencies shall not cause radio frequency interference to other radio-communication networks duly authorised by IMDA;
- iii) the usage is confined to the location indicated by the applicant and transmission is allowed only during the approved period; and
- iv) the RF output power and the height of external antennae would normally be not more than 0.5 Werp and 10m above ground respectively. IMDA may consider higher power or antenna height where adequate justification is provided by the applicant.

8 Fees and Charges

- 8.1 A fee of \$100 is payable for a frequency with corresponding bandwidth/power, selected from the pool listed in paragraph 7.1.
- 8.2 When a frequency is not from the pool of frequencies in paragraph 7.1 and is approved for temporary use, the fee payable shall be as follows:

Bandwidth (x)	Fee *	
	10 days or less	11 - 90 days
$x \leq 25$ kHz	\$100	\$175
$25 < x < 500$ kHz	\$150	\$275
$500 \text{ kHz} \leq x < 1$ MHz	\$450	\$825
$1 \text{ MHz} \leq x < 20$ MHz	\$900	\$1,625
$x \geq 20$ MHz	\$1,550	\$2,800

* Excluding GST

- 8.3 Unless otherwise determined by IMDA, a fee of \$100 (exclude GST) is payable for a frequency mentioned in paragraph 9.2, if the period of usage is less than a day or the cumulative hours of operation are less than 24 hours.

Note:

Frequency fees paid are not refundable (whether on a pro-rated basis or any other basis) when the licence is cancelled by IMDA in the following circumstances:

- (i) where the licensee requests for variation or early termination of usage; or
- (ii) where IMDA revokes its approval for the temporary use of radio frequency.

9 Exportation of Equipment

- 9.1 Any non-registered equipment shall be exported out of Singapore immediately after operation, and documentary proof of export shall be submitted to IMDA.

Notes:

- 1** This document has no legal standing and is not intended as a substitute for legal advice. While every effort has been made to provide an accurate and authoritative account of the licensing regime, the licence(s) to be granted to successful applicants will be the complete authoritative text.
- 2** The information contained in this document is intended to assist interested parties in applying for the relevant licences. It does not bind IMDA to any particular course of action in relation to the handling of any application, or to the conditions of any licence to be granted, or to grant any licence to any party. IMDA reserves the right to change its policies and/or to amend this document without prior notice.
- 3** The grant of a licence is at the sole discretion of IMDA. IMDA reserves the right not to accept any application submitted. IMDA will undertake to explain to the applicant concerned, on the applicant's request, why the applicant is unsuccessful in its application for a licence.
- 4.** IMDA reserves the right to disclose the identities of parties who have submitted applications. All other information received will be treated in confidence.