COMPLIANCE UPDATE

Monthly Newsletter

ICM

Global Compliance News

India – 433MHz Band Now Licence Free

The Indian Ministry of Communications (Wireless Planning and Coordination Wing) has just released notification G.S.R. 347(E).New Delhi, the 9th May, 2022. The notification confirms the use of Low Power Radio Frequency Devices in the frequency band 433.05 to 434.79 MHz are now exempt from formal licensing.

Previously devices operating in the 433MHz band was subject to licensing arrangements in order to sell and distribute these devices in India. Under the new notification these devices are only subject to equipment certification rules, not the costly and time consuming process of licensing. The assignments can be found in the below table

Table

Sl. No.	Frequency range in MHz	Transmit/ Radiated Power limit	Spectrum access and mitigation requirements	Modulation/ maximum occupied bandwidth	Notes	*EN No
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	433.05-434.79	10 mW e.r.p.	≤ 10% duty cycle	Not specified	------	EN 300 220
2.	433.05-434.79	1 mW e.r.p.	Note 1	Not specified	Power density limited to -13 dBm/10 kHz for wideband modulation with a bandwidth greater than 250 kHz	
3.	434.04-434.79	10 mW e.r.p.	Note 1	≤ 25 kHz		

Voice applications are allowed with a maximum bandwidth of 25 kHz, with a spectrum access technique such as LBT or equivalent and a maximum transmit period of 1 minute for each transmission. Other audio/ video applications are excluded.

SRI LANKA – NEW ALLOCATION
LOW POWER WIDE AREA NETWORKS

The body responsible for equipment certification in Sri Lanka, Telecommunications Regulatory Commission 'TRC' have announced the publication of new frequency assignments for Low power wide aera networks. Manufacturers of lower power area networking equipment can apply for formal certification to use their equipment in the published bands as shown in the table below:

No.	Application/Technology	Frequency Band	Channel Plan	Maximum EIRP
1	Low power wide area networks for IoT services	920- 925 MHz	AS923	23 dBm (200 mW)
2	Low power wide area networks for IoT services	433.05–434.79 MHz	EU433	
3	Low power wide area networks for IoT services	863–868 MHz	EU863-870	

Spectrum Allocation for Low Power Wide Area Networks for IoT Services

Certification is achieved with the use of either FCC or ETSI radio reports.

NEW ZEALAND
REGISTER OF RADIO FREQUENCIES UPDATES

The New Zealand Radio agency RSM has announced that its Register of Radio Frequencies (RRF), a public online register of radio licences, spectrum licences and management rights will be modified shortly in line with growing demand for equipment certification and the ever increasing new technologies.

The Register holds all information of assigned frequency use, including the licence or spectrum right holder details, and the time period for which the licence or spectrum right has been allocated. The Register also enables online searching, licence applications, spectrum licence forms, independent engineering of licences, fee payments, licence transfers and cancellations.

The updated system is in response to some slight technical and usability issues with the previous portal. The latest version of the portal will make the process easier to conclude thus leading to quicker turnaround on applications.

HONG KONG
NEW 6GHZ WLAN SPECIFICATION

The Hong Kong communications regulator HKCA has just published their new performance specification for WLAN equipment operating in the 6GHz radio band.
The specification defines the minimum performance requirements for radiocommunications apparatus operating in the 6 GHz band for wireless local area network (hereafter referred to as the "apparatus"

The apparatus shall operate in the 5.925 – 6.425 GHz frequency range

The maximum output power of the apparatus shall not exceed the limits indicated below:

Location of Use	Output Power (EIRP)
Indoor	24 dBm
Outdoor	14 dBm

The apparatus shall meet the technical requirements specified in the standard EN 303 687 "6 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum" 1 published by the European Telecommunications Standards Institute ("ETSI").

JORDAN

UPDATES TO WLAN
FREQUENCY ASSIGNMENT

The Jordan Telecommunications Regulation Commission (TRC) has just announced the publication of updated WLAN equipment assignments, the main following changes are as follows:

5150-5350 MHz – TRC has allowed B2 (5250-5350 MHz) to be used, which means the whole band (B1, B2) is now allowed for indoor and outdoor use with 23 dBm Max EIRP.

5470-5725 MHz – TRC has allowed this band for indoor use only with 30 dBm Max EIRP.

5925-6425 MHz (Wi-Fi 6E) – TRC has allowed this band for portable devices (indoor and outdoor) with 25 mW dBm Max EIRP

57-71 GHz – TRC has allowed this band to be used with 40 dBm Max EIRP provided that TX power shall not exceed 27 dBm.

Global Certification – Validity of Equipment Certificates.

One of the key questions we are asked by our partners is in regards to the validity period of certificates and the respective costs of renewal.

As ICM are active in over 180 markets worldwide we have a great handle on the validity periods of issued certificates plus the associated renewal cost. As part of our management service we have a certificate expiry tracking system for our partners projects. So close to the date of renewal we are able to notify our partners on their certificates expiry dates, allowing our partners enough time to decide if they wish to proceed with the renewal or not.

We also run country research intelligence reporting programs which also indicate the validity period of certificates and the associated renewal costs. These are in the form of tailored research projects we handle for some of our partners. To give you an idea of the validity periods please see the below snapshot covering a few of the countries we handle.

Country	Validity Period
Argentina	Indefinite
Columbia	Indefinite
Bolivia	5 years
Egypt	Indefinite
Kuwait	3 years
Moldova	5 years
Pakistan	Indefinite
Serbia	3 years

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