



Global Compliance News



Pakistan

PTA New Regulatory Framework SRD / IoT

The Pakistan communications regulator PTA has just published updated regulation on the Regulatory Framework for Short Range Devices (SRD) & Terrestrial Internet of Things (IoT) Services.

The regulation covers data communication systems operating in licence exempt frequency bands.

The objective of this regulatory framework is to provide a regulatory guideline for the industry, to enable the development of Internet of Things (IoT) eco-system in Pakistan either through unlicensed/shared bands

The updated regulation is in response to the growing development of radio devices with ever increasing integrated data communication systems. The regulations detail the many new radio assignments. For example, broadening the scope in the WLAN 5GHz bands. Please see the below snapshot of the assignments affecting 5Ghz WLAN devices.

BAND	CHANNEL NUMBER	FREQUENCY/ MHZ	PAKISTAN	Maximum mean EIRP	Maximum Mean EIRP Density
Band I 5150-5250	36	5180	Indoors	200 mW	10 mW/MHz
	40	5200	Indoors		
	44	5220	Indoors		
	48	5240	Indoors		
	52	5260	Indoors		
Band II 5250-5350	56	5280	Indoors / DFS / TPC	200 mW	10 mW/MHz
	60	5300	Indoors / DFS / TPC		
	64	5320	Indoors / DFS / TPC		
	100	5500	Indoors / DFS / TPC		
Band III 5470-5725	104	5520	Indoors / DFS / TPC	200 mW	10 mW/MHz
	108	5540	Indoors / DFS / TPC		
	112	5560	Indoors / DFS / TPC		
	116	5580	Indoors / DFS / TPC		
	120	5600	Indoors / DFS / TPC		
	124	5620	Indoor/Outdoor		
	128	5640	Indoor/Outdoor		
	132	5660	Indoor/Outdoor		
	136	5680	Indoor/Outdoor		
	140	5700	Indoor/Outdoor		
Band IV 5725-5875	149	5745	Indoor/Outdoor	1 W for indoor and outdoor use with up to maximum antenna gain of 23 dBi (max EIRP=30dBm+23dBi) as already approved by PTA	50mW/MHz
	153	5765	Indoor/Outdoor		
	157	5785	Indoor/Outdoor		
	161	5805	Indoor/Outdoor		
	165	5825	Indoor/Outdoor		
	169	5845	Indoor/Outdoor		
	173	5865	Indoor/Outdoor		



SAUDI ARABIA – CITC SPECIFICATION GEN002 UPDATE

The Saudi Arabia regulator Communications and Information Technology Commission (CITC) has announced updates to their general technical specification “GEN002 – Requirements for Specific ICT Equipment”.

The updated standard declares that the following 5G NR frequency requirements (n1, n3, n8, n28, n40, n71 and n77) enter into force on July 1st-2022 for both categories (Requirements for Mobile Phones, Tablets and Mobile Computers and Requirements for Mobile Routers and CPEs). The update is in response to the feedback received from some manufacturers regarding the n71 frequency band requirements.

The CITC have clarified that the 5G band n71 will not be mandatory, however frequency bands: n1, n3, n8, n28, n40, and n77 will be required in addition to the current n41 and n78 requirement.

The CITC hopes that the changes will help enable the Saudi market to accommodate more 5G devices in 2022, including high, mid and low end devices.



BELIZE – UPDATED LIST OF EQUIPMENT LIST SUBJECT TO CERTIFICATION

The body responsible for equipment certification in Belize the Public Utilities Corporation ‘PUC’ has issued a public notice to clarify the different types of communication equipment subject to formal certification. The list of equipment subject to this order is as follows:

Telecommunication equipment (not limited to the understated):

1. Land Mobile Radio Transceivers (Base stations, Handheld radios, Repeater systems)
2. Marine Radio Transceivers (Base stations, Handheld radios, Repeater systems)
3. Satellite TV Systems (Direct TV, Sky, VeTV, etc)
4. Internet Satellite Systems (Hughes Net, etc) - Not registered through local Internet Service Provider (Belize Licensed ISP)
5. Amateur Radio Operators
6. Citizen Band Radio Operators
7. Aircraft Radios/Aeronautical Band Radios
8. Point to Point Links (including external WiFi Data Networks) / Domestic Private Networks
9. Paging systems (Vehicle location systems, etc)



Maldives – Wireless Lan Applications

The body responsible for equipment certification in the Maldives ‘T.A of Maldives’ has published the technical standard for Wireless Lan devices.

The standard confirms the permitted WLAN bands, the output power limit and the accepted compliance standards. Please see below:

Frequency Band	Output Power	Accepted Standards
2.400-2.483.5GHz	100mW e.i.r.p	FCC 15.247-EN300328
5.150-5350GHz	200mW e.i.r.p	FCC 15.407 – EN301 893
5.725-5.850GHz	100mW e.i.r.p	FCC 15.407 – EN301 893

COMPLIANCE UPDATE

Monthly Newsletter



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
Algeria	2 years
Angola	1 year
Bolivia	5 years
Cameroon	3 years
Ethiopia	2 years
Paraguay	5 years
Morocco	10 years
Tunisia	3 years

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