

UHF RFID (950MHz Band) will shift to 920MHz Band

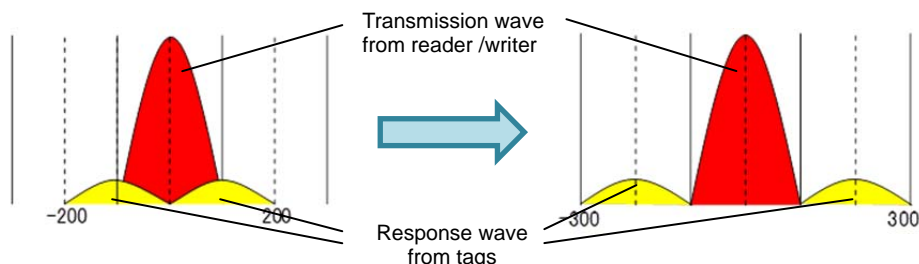
1. Expansion of available frequency band

Currently	After shifting
950 - 958MHz (a width of 8MHz)	915 - 928MHz (a width of 13MHz)+2MHz

2. Specification changes relating to output power and channel assignment

Passive	250mW station : “Registered Station” → “Un-Licensed Station”
Active	Add 250mW stations as “Convenience Radio Station” (Registered Station) for long-distance transmission, and so on.
	Add 20mW stations as “Specified Low Power Radio Equipment” (Un-Licensed Station)
	Expand the channel for 1mW stations used for a remote control, etc. (17ch→77ch)

3. The efficiency of high power passive tags is improved (data transfer rate : 90kbps→**270kbps**) by using a MS (Miller Subcarrier) method.



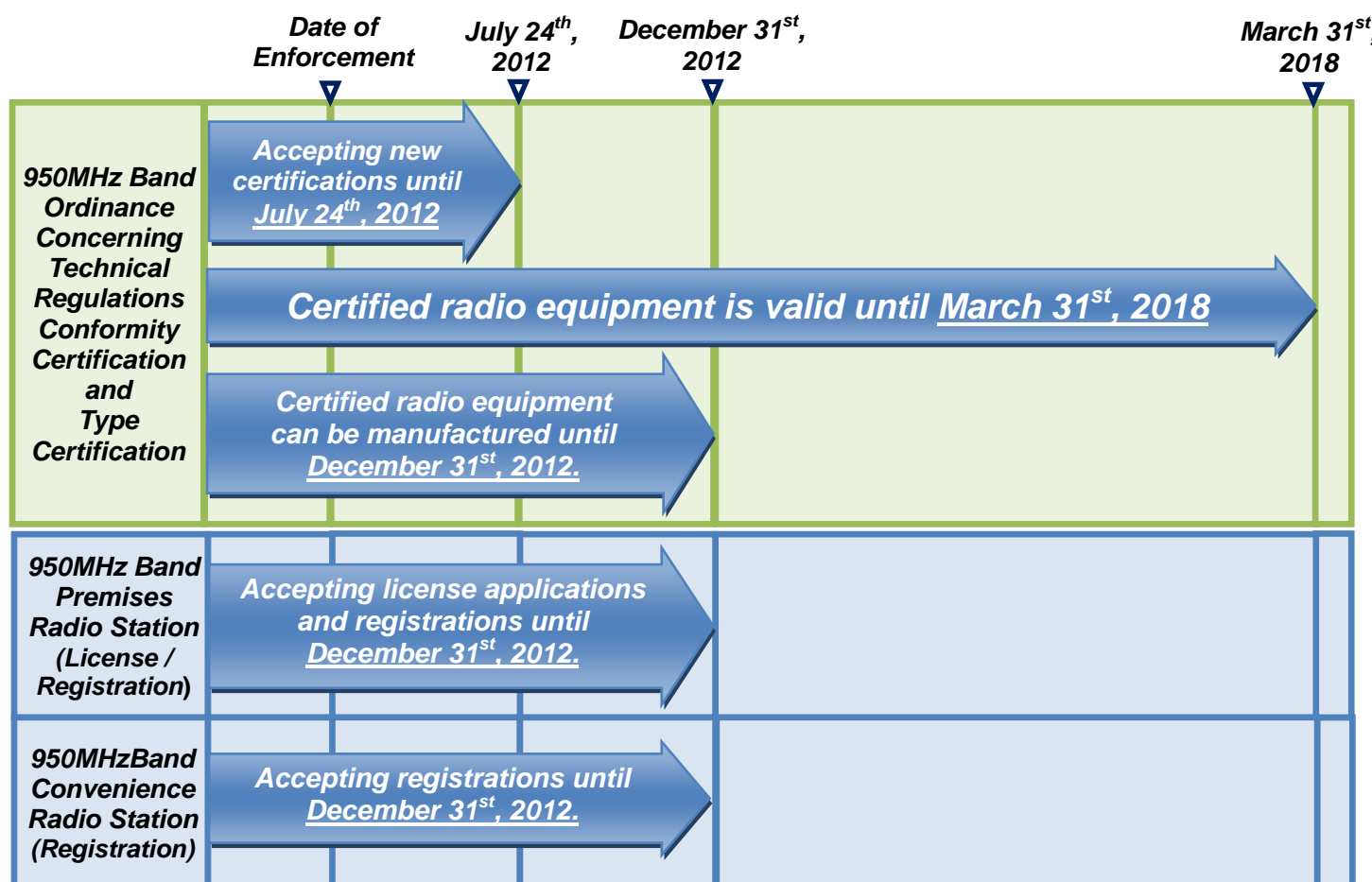
4. 920MHz Band RFID will be available on and after **July 25th, 2012**.

Applications for certifications of 926.0 – 929.7MHz (Specified Low Power Radio Equipment) will be accepted on and after the “date of enforcement”*.

*The date of enforcement will be announced.

5. Transitional Measures of 950MHz Band RFID

- New applications for the Ordinance Concerning Technical Regulations Conformity Certification and Type Certification will be accepted until **July 24th, 2012** at Registered Certification Bodies.
- Certified radio equipment is valid until **March 31st, 2018**. However, it is applied only to the equipment manufactured before **December 31st, 2012**.
- License applications and registrations will be accepted until **December 31st, 2012** at Regional Bureaus of Telecommunications.



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