

**(1) Non-Licensed Radio Station**

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage		Symbol	
				Ordinance	Reference
Citizen Radio	3			O	AA
Cordless Telephone (Analogue)	7			L	AA
Specified low Power Radio Equipment	8	Tele-meter, Tele-control & Data Transmission	315MHz band	Y	UA
			400MHz band		WB
			920MHz band		VB
			1200MHz band		XA
		Tele-meter for Medical			HA
		Implant Medical Tele-meter			SA
		Data Transmission of International Freighter			IA
		Radio Pager			CA
		Radio Microphone	70MHz (Type D)		FA
			300MHz (Type C)		DA
			800MHz (Type B)		EA
		Hearing Aid Radio Microphone			LA
		Radio Transceiver (Walkie-Talkie)			GA
		Voice Assist System (Voice Landmark System)			PA
		Identification of Moving Objects (e.g. RF-ID)	920MHz band		TB
			2400MHz band (FH)		JA
			2400MHz band (except FH)		JB
		Millimeter-wave Rader			KA
		Detection Sensor of Moving Objects	10.5GHz band		QA
			24GHz band		RA
			60GHz band		ZA
			60GHz band (with CS function)		ZB
		Animal Detection Report System			YA
Low Power Security	13			AZ	A
2.4GHz band Wide-band Low Power Data Communication System	19	2400 - 2483.5 MHz		WW	A
2.4GHz band Low Power Data Communication System	19-2	2471 - 2497 MHz		GZ	A
2.4GHz band Wide-band Low Power Data Communication System (for radio control aircraft *outdoor use)	19-2-2	2400 - 2483.5 MHz		UV	A
2.4GHz band Low Power Data Communication System (for radio control aircraft *outdoor use)	19-2-3	2471 - 2497 MHz		VV	A
5GHz band Low Power Data Communication System	19-3	W52, W53 (in-door use only) *Old regulation (change application only)		XW	A
		5150~5350MHz, 5470~5730MHz *New regulation		XA	A
	19-3-2	W56 *Old regulation (change application only)		YW	A
	19-3-3	(W52 or W53) and W56, Simultaneous transmission (in-door use only) *Old regulation (change application only)		HS	A
Semi-Millimeter-wave band Low Power Data Communication System	19-4			HX	A
60GHz band Low Power Data Communication System	19-4-2	Antenna Power : more than 10mW		WU	A
	19-4-3	Antenna Power : 10mW or less		WV	A
5GHz band Radio Access System, "Land Mobile Station" and "Portable Station"	19-11	Antenna Power : 10mW/MHz or less		FV	A

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
Digital cordless telephone in narrowband	21		IZ	A
Digital cordless telephone in broadband	21-2	DECT	AT	A
Digital cordless telephone in OFDMA method	21-3	sXGP (band39)	BT	A
PHS Land Mobile Station	22		JX	A
Dedicated Short Range Communication System Mobile Station	32		CY	A
Dedicated Short Range Communication System Experiment/Test Station	33-2		FX	A
UWB Radio System	47		UW	B
	47-2	UWB Radar	VU	A
	47-3	Available outdoor (7.587 ~ 8.4GHz)	UO	A
	47-4	Available outdoor (7.25 ~ 9GHz)	UP	A
700MHz band Intelligent Transport Systems, Land Mobile Station	64		XT	A
5.2GHz band High Power Data Communication System, Land Mobile Station	75		CR	A
5GHz band Low Power Data Communication System	78	In-vehicle use	XR	A
6GHz band Low Power Data Communication System	79	VLP (EIRP : 25mW or less)	YR	B
	80	LPI (EIRP : over 25mW, 200mW or less)	ZR	A
	81	LPI (EIRP : over 25mW, 200mW or less) (Inter-terminal communication)	WR	A

## (2) Blanket Licensed Radio Station

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
VSAT Earth Station	9	Ku band (except 9-3 or 9-4)	V	AA
	9-2	Ka band	SW	A
VSAT Earth Station (Altitude 500km)	9-3	Ku band	NR	A
VSAT Earth Station (Altitude 1200km)	9-4	Ku band	PR	A
Mobile Relay Station	10	FDD Land Mobile Station (Low Power Repeater) (OBW: 90% or less)	VT	A
	10-2	FDD Land Mobile Station (Low Power Repeater) (OBW: more than 90%)	VS	A
W-CDMA, Land Mobile Station	11-3		XY	A
CDMA2000, Land Mobile Station	11-4		ZY	A
W-CDMA (HSPA), Land Mobile Station	11-7		MW	A
CDMA2000 (1xEV-DO) Land Mobile Station	11-8		NX	A
CDMA2000 (3xEV-DO) Land Mobile Station	11-8-2		XU	A
TD-CDMA Land Mobile Station	11-11		OW	A
TD-SCDMA Land Mobile Station	11-12		PW	A
TD-OFDMA Land Mobile Station	11-15		DU	A
TD-FDMA (MBTDD 625k) Land Mobile Station	11-17		FU	A
SC-FDMA (FD-LTE) Land Mobile Station	11-19		HU	A
SC-FDMA (FD-LTE) Land Mobile Station (NB-IoT)	11-19-2		PS	A
SC-FDMA (FD-LTE) Land Mobile Station (eMTC)	11-19-3		QS	A
SC-FDMA (TD-LTE) Land Mobile Station	11-21		JU	A
SC-FDMA (TD-LTE) Land Mobile Station	11-21-2	Relay Station	IS	A
OFDMA (Mobile WiMAX) Land Mobile Station	11-25		NU	A
OFDMA (TD-UMB) Land Mobile Station	11-26		OU	A
5G mobile communication system Land Mobile Station	11-30	TDD, 3.4~4.1GHz, 4.5~5.0GHz	ER	A
	11-30-2	TDD, 3.4~4.1GHz, 4.5~5.0GHz (Low Power Repeater)	DQ	A
	11-32	TDD, 27~29.5GHz	GR	A
	11-32-2	TDD, 27~29.5GHz (Low Power Repeater)	HQ	A
	11-34	FDD	KR	A
OmniTRACS system, Portable Mobile earth Station	14		BZ	A
Orbcomm system, Portable Mobile earth Station	14-2		AY	A
26/38GHz band Subscriber radio access communication (point-to-multipoint type) Land Mobile Station	15-2		LY	A

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
5GHz band Radio Access System	19-9		DV	A
Land Mobile Station & Portable Station	19-10	Low Spurious Type (0.2μW or less)	EV	A
Digital MCA (800MHz band) Land Mobile Station	20-2		VX	A
Advanced MCA Land Mobile Station, etc.	20-3		HR	A
Automatic frequency selecting RZSSB system	25-2		RO	A
Frequency tracking RZSSB system	25-3		RP	A
Automatic frequency selecting Narrow-band digital system	25-5		DO	A
Frequency tracking Narrow-band digital system	25-6		DP	A
N-STAR system Portable Mobile earth Station	28		TZ	A
Iridium system Portable Mobile earth Station	28-2		BY	A
Thuraya system Portable Mobile earth Station	28-2-2		GS	A
Globalstar Portable Mobile earth Station	28-2-3		NS	A
Earth stations in motion (ESIM)	28-2-4		OS	A
Ku band Portable Mobile earth Station (Altitude 500km)	28-2-5		OR	A
Ku band Portable Mobile earth Station (Altitude 1200km)	28-2-6		QR	A
INMARSAT Portable Mobile earth Station	30		VZ	A
ESV Portable Mobile earth Station	30-2	Earth Stations on board Vessels	LW	A
Helicopter Satellite Communication System Portable Mobile earth Station	30-3		OT	A
Disaster prevention portable mobile satellite communications Portable Mobile earth Station	30-4		MS	A
Rural aria Subscriber Radio	31		WZ	A
Airport Digital MCA Land Mobile Station	39	OT : Article 49-15-2-1	AW	A
Aeronautical Satellite Communication System (for Aircraft side)	46		HW	A
WiMAX Land Mobile Station	51		IV	A
AXGP, TD-LTE Land Mobile Station	54		LV	A
AXGP, TD-LTE Land Mobile Station (eMTC)	54-4		US	A
5G mobile communication system Land Mobile Station	54-6	TDD, 2545~2655MHz	MR	A
	54-6-2	TDD, 2545~2655MHz (Low Power Repeater)	NQ	A

### (3) Licensed Radio Station

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
SSB Land Mobile Station and portable radio Station	1-9		S	AA
Angle-modulation system Land Mobile Station and portable radio Station	1-10		D	AA
Frequency modulation system Land Mobile Station and portable radio Station (F3E etc.)	1-11	400MHz	F	AA
		150MHz		BA
		60MHz		CA
		other		DA
Specified radio microphone	1-12		B	CA
		Ear Monitor		DA
Digital specified radio microphone	1-12-2		CU	B
DSB maritime Mobile telephone	1-13		OY	A
SSB maritime Mobile telephone less than 50W	1-14		PY	A
Frequency modulation system	1-15		QY	A
Radiolocation	2		Q	AA
Radio buoys	2-2		RY	A
Meteorological aids	3-2		SY	A
Convenience radio	4-2	150MHz band	TY	A
	4-4	27MHz band	UY	A
Digital Convenience Radio	4-5	150 and 400MHz band	SV	A
	4-6	150 and 400MHz band (with a carrier sensing device)	TV	A
	4-6-2	"Automatic operation" or "Remote operation"	SR	A
	4-6-3	"Automatic operation" or "Remote operation" (with a carrier sensing device)	TR	A
	4-6-4	"Automatic relay" or "Remote relay"	UR	A
920MHz band, Land Mobile Station	4-7		ZT	A
Convenience radio	5	50GHz band	C	AA
Premises Radio	6	1200MHz band, Telemeter, Tele-control, Data Transmission	AS	B
		2450MHz band, Identification of moving objects (RF-ID)		D
		920MHz band, Identification of moving objects (RF-ID)		F
Premises Radio or Land Mobile Station	6-2	920MHz band, Identification of moving objects (RF-ID) with a carrier sensing device	BS	A
Premises Radio	6-2-2	For wireless power transmission	ZS	A
Premises Radio	6-3	2450MHz band, Identification of moving objects (RF-ID) using a frequency hopping system	CS	A
Mobile Relay Station	10	FDD Land Mobile Relay Station (OBW: 90% or less)	VT	B
	10-2	FDD Land Mobile Relay Station (OBW: More than 90%)	VS	B
W-CDMA, Base Station	11-5		AX	A
CDMA2000, Base Station	11-6		BX	A
W-CDMA, Femtocell Base Station	11-6-2		XV	A
CDMA2000, Femtocell Base Station	11-6-3		ZV	A
W-CDMA, Base Station (In-Door Use)	11-6-4		ET	A
CDMA2000, Base Station (In-Door Use)	11-6-5		FT	A
W-CDMA(HSPA), Base Station	11-9		NW	A
CDMA2000(EV-DO), Base Station	11-10		PX	A
W-CDMA(HSPA), Femtocell Base Station	11-10-2		AU	A
CDMA2000(EV-DO), Femtocell Base Station	11-10-3		BU	A
W-CDMA(HSPA), Base Station (In-Door Use)	11-10-4		GT	A
CDMA2000(EV-DO), Base Station (In-Door Use)	11-10-5		HT	A
TD-CDMA, Base Station	11-13		QW	A

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
TD-SCDMA, Base Station	11-14		RW	A
TD-OFDMA, Base Station	11-16		EU	A
TD-FDMA, Base Station	11-18		GU	A
SC-FDMA(FD-LTE), Base Station	11-20	(OBW: 90% or less)	IU	A
SC-FDMA(FD-LTE), Femtocell Base Station	11-20-2	(OBW: 90% or less)	IT	A
SC-FDMA(FD-LTE), Base Station (In-Door Use)	11-20-3	(OBW: 90% or less)	JT	A
SC-FDMA(FD-LTE), Base Station	11-20-4	(OBW: More than 90%)	RS	A
SC-FDMA(FD-LTE), Femtocell Base Station	11-20-5	(OBW: More than 90%)	SS	A
SC-FDMA(FD-LTE), Base Station (In-Door Use)	11-20-6	(OBW: More than 90%)	TS	A
SC-FDMA(TD-LTE), Base Station	11-22		KU	A
SC-FDMA(TD-LTE), Femtocell Base Station	11-23		JS	A
SC-FDMA(TD-LTE), Base Station (In-Door Use)	11-24		KS	A
OFDMA(Mobile WiMAX), Base Station	11-27		PU	A
OFDMA(TD-UMB), Base Station	11-28		QU	A
5G mobile communication system, Base Station	11-29	TDD, 3.4~4.1GHz, 4.5~4.9GHz	DR	A
5G mobile communication system, Femtocell Base Station	11-29-2		AQ	A
5G mobile communication system, Base Station (In-Door Use)	11-29-3		BQ	A
5G mobile communication system, Land Mobile Relay Station	11-29-4		CQ	A
5G mobile communication system, Base Station	11-31	TDD, 27~29.5GHz	FR	A
5G mobile communication system, Femtocell Base Station	11-31-2		EQ	A
5G mobile communication system, Base Station (In-Door Use)	11-31-3		FQ	A
5G mobile communication system, Land Mobile Relay Station	11-31-4		GQ	A
5G mobile communication system, Base Station	11-33	FDD	JR	A
5G mobile communication system, Femtocell Base Station	11-33-2		IQ	A
5G mobile communication system, Base Station (In-Door Use)	11-33-3		JQ	A
Amateur Station	12		K	AA
26/38GHz band Subscriber radio access communication (point-to-multipoint type) Base Station	15		KY	A
22/26/38GHz band subscriber radio access communication (point-to-point type) Land Mobile Station	15-3		MY	A
Fixed Station for telemeter and broadcasting type simplex communication	16		DZ	A
Fixed Station for emergency alarm	17		EZ	A
22GHz band Fixed Station for telecommunications service	18		FZ	A
5GHz band Radio Access System Base Station and Portable Base Station	19-5		ZW	A
	19-6	Low Spurious type (0.2μW or less)	AV	A
5GHz band Radio Access System Land Mobile Relay Station	19-7		BV	A
	19-8	Low Spurious type (0.2μW or less)	CV	A
Digital MCA, 800 MHz band Command Station	20-2		VX	A
Advanced MCA Control Station , etc.	20-4		IR	A
PHS Base Station	23		KX	A
PHS Relay Station	23-2		LX	A
PHS Test Station	23-3		MX	A
38GHz band Fixed Station for telecommunications service	24		LZ	A
Real Zero SSB	25		RN	A

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
Narrow-band digital system	25-4		QV	A
Vehicle detection system	26		NZ	A
Beacon system	27		PZ	A
Radar of radio navigation (installed on a ship)	28-3	Radar Class III (Magnetron radar)	VY	A
	28-4	Radar Class III (Solid state radar)	RT	A
	29	Radar Class IV (Magnetron radar)	UZ	A
	29-2	Radar Class IV (Solid state radar)	ST	A
60GHz band Base Station	31-2		CX	A
60 GHz band High Speed Radio Link, Multidirectional Land Mobile Station	31-3		DX	A
Land Mobile Station in the 60GHz band (point-to-point type)	31-4		EX	A
Land Mobile Station in the 80GHz band	31-5		UT	A
Dedicated Short Range Communication System (Base Station)	33		DY	A
60MHz band Fixed Station for the municipal digital disaster prevention service	38		GX	A
Digital airport radio system (MCA and add a direct connection type) OT : Article 49-15-2-1-2	40		BW	A
18GHz band Base Station, Land Mobile Relay Station and Land Mobile Station for telecommunications and public service (point-to-point type)	41		CW	A
18GHz band Land Mobile Station for telecommunications and public service (point-to-multipoint type)	42		DW	A
18GHz band Base Station and Land Mobile Relay Station for telecommunications and public service (point-to-multipoint type) (Signal transmission rate : 6Mbit or more)	43		EW	A
18GHz band Fixed Station for telecommunications service	44		FW	A
1500MHz band Fixed Station for Telecommunications Service	48		VW	A
WiMAX, Base Station	49		GV	A
WiMAX, Femtocell Base Station	52-2		KT	A
WiMAX, Base Station (In-Door Use)	52-3		LT	A
AXGP(TD-LTE), Base Station	53		KV	A
AXGP(TD-LTE), Femtocell Base Station	54-2		MT	A
AXGP(TD-LTE), Base Station (In-Door Use)	54-3		NT	A
5G mobile communication system, Base Station	54-5	TDD, 2545~2655MHz	LR	A
5G mobile communication system, Femtocell Base Station	54-5-2		KQ	A
5G mobile communication system, Base Station (In-Door Use)	54-5-3		LQ	A
5G mobile communication system, Land Mobile Relay Station	54-5-4		MQ	A
Gap filler for digital terrestrial television broadcasting	57	only to relay the broadcast program of other broadcasting Stations	OV	A
	57-2	only to relay broadcasting for measures of poor reception	UU	A
General terrestrial broadcasting Station for area broadcasting	57-3		DS	A
Gap filler for radio broadcasting	57-4		GF	A
Simplified AIS	58		RU	A
Simplified International VHF	59	Fixed type (25W or less)	SU	A
	60	Portable type (5W or less)	TU	A

Type of equipment	Certification Ordinance Article 2-1-	Type, Frequency, Usage	Symbol	
			Ordinance	Reference
200MHz broadband Mobile communication system, Base Station	61		ZU	A
	61-2	(frequency interleave)	WS	A
200MHz broadband Mobile communication system, Land Mobile Station	62		CT	A
	62-2	(frequency interleave)	XS	A
700MHz band Intelligent Transport Systems, Base Station	63		WT	A
23GHz band, Land Mobile Station	65		FS	A
23GHz band, Fixed Station	66		ES	A
11GHz band or 15GHz band, Fixed Station	67		LS	A
Personal Locator Beacon	68		TI	A
Fixed station in 6.5GHz band or 7.5GHz band / Portable type	69		YU	C
Fixed station in 6GHz band	70		YS	C
Fixed station in 6.5GHz band or 7.5GHz band	71		YT	C
Unmanned Mobile Image Transmission System	72		RB	A
5.2Hz band High Power Data Communication System, Base Station	73		AR	A
5.2Hz band High Power Data Communication System, Land Mobile Relay Station	74		BR	A
150MHz band VHF Data Exchange System	76		PT	A
400MHz Band Digital On-board Communication Equipment	77		QT	A