

(1) Non-Licensed Radio Station

Type of equipment	Article Z-1-	Ministerial Ordinance Symbol	Symbol		Reference Number
			Modulation Type, Frequency bandwidth, Usage		
Citizen Radio	3	O			AA
Cordless Telephone (Analogue Cordless Telephone)	7	L			AA
Specified low Power Radio Equipment	8	Y	Tele-meter, Tele-control & Data Transmission	315MHz Band	UA
				400MHz Band	WB
				920MHz Band	VB
				1200MHz Band	XA
			Radio Pager		CA
			Radio Microphone	70MHz Band (Type D)	FA
				300MHz Band (Type C)	DA
				800MHz Band (Type B)	EA
			Radio Transceiver (Walkie-Talkie)		GA
			Tele-meter for Medical		HA
			Implant Medical Tele-meter		SA
			Identification of Moving Objects (e.g. RF-ID)	920MHz	TB
					2400MHz (FH method)
				2400MHz (except FH method)	JB
Data Transmission of International Freighter (433MHz band)		IA			
Millimeter-wave Rader		KA			
Hearing Aid Radio Microphone		LA			
Low Power Walkie-Talkie (Radio Transceiver)		QA			
Detection Sensor of Moving Objects	10.5GHz Band	QA			
	24GHz Band	RA			
Voice Assist System (Voice Landmark System)		PA			
Animal Detection Report System		YA			
Low Power Security	13	AZ			A
2.4GHz Band Wide-band Low Power Data Communication System	19	WW	2400 – 2483.5MHz		A
2.4GHz Band Low Power Data Communication System	19-2	GZ	2471 – 2497MHz		A
2.4GHz Band Wide-band Low Power Data Communication System (for radio control model aircraft)	19-2-2	UV	2400 – 2483.5MHz		A
2.4GHz Band Low Power Data Communication System (for radio control model aircraft)	19-2-3	VV	2471 – 2497MHz		A
5GHz Band Low Power Data Communication System	19-3	XW	W52, W53 (in-door use only)		A
	19-3-2	YW	W56		A
	19-3-3	HS	(W52 or W53) and W56, Simultaneous transmission (in-door use only)		A
Semi-Millimeter-wave Band Low Power Data Communication System	19-4	HX			A
60GHz Band Low Power Data Communication System	19-4-2	WU	More than 10mW		A
60GHz Band Low Power Data Communication System	19-4-3	WV	10mW or less		A
5GHz Band Radio Access System, Land Mobile Station and Portable Station	19-11	FV	0.01W/MHz or less		A
Digital cordless telephone in narrowband	21	IZ			A
Digital cordless telephone in broadband	21-2	AT	DECT		A
Digital cordless telephone in OFDMA method (sXGP)	21-3	BT	sXGP (Band39)		A
PHS (Personal Handy Phone), 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
Ultra Wide band (UWB) Radio System	47	UW			B
Ultra Wide band (UWB) Radio System (UWB Radar)	47-2	VU			A
Land Mobile Station for 700MHz band Intelligent Transport Systems	64	XT			A

(2) Blanket Licensed Radio Station

Type of equipment	Article Z-1-	Ministerial Ordinance Symbol	Symbol		Reference Number
			Modulation Type, Frequency bandwidth, Usage		
MCA, Land Mobile Station	1-4	M			AA
		N	Technical standards notified by the Minister of MIC		AA
VSAT Earth Station	9	V	Ku band		AA
	9-2	SW	Ka band		A
Mobile Relay Station	10	VT	Land Mobile Station (OBW: 90% or less)		A
	10-2	VS	Land Mobile Station (OBW: more than 90%)		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, 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	GS			A
SC-FDMA(TD-LTE), Land Mobile Station	11-21	JU			A
SC-FDMA(TD-LTE advance), Land Mobile Station / Relay Station	11-21-2	IS	Relay Station		A
OFDMA(Mobile Wimax), Land Mobile Station	11-25	NU			A
OFDMA(TD-JMB), Land Mobile Station	11-26	OU			A
OmnitRACS system, Portable Mobile earth Station	14	BZ			A
Orbcomm system, Portable Mobile earth Station	14-2	AY			A
Land Mobile Station for 26/38GHz band subscriber radio access communication (point-to-multipoint type)	15-2	LY			A
5GHz band Radio Access System, Land Mobile Station & Portable Station	19-9	DV	High Power Type		A
	19-10	EV	High Power & Low Spurious Type		A
Digital MCA (800MHz band), Land Mobile Station	20-2	VX			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
INMARSAT, Portable Mobile Earth Station	30	VZ			A
ESV, Portable Mobile Earth Station	30-2	LW			A
Portable Mobile Earth Station for Helicopter Satellite Communication System	30-3	OT			A
Portable mobile earth station for disaster prevention portable mobile satellite communications	30-4	MS			A
Rural area Subscriber Radio	31	WZ			A
Airport Digital MCA, Land Mobile Station	39	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

(3) Other Licensed Radio Station

Type of equipment	Article Z-1-	Ministerial Ordinance Symbol	Symbol		Reference Number
			Modulation Type, Frequency bandwidth, Usage		
MCA (except for land Mobile Station)	1-4	M			CA
		N	Technical standards notified by the Minister of MIC		CA
SSB for land Mobile Station and portable radio Station	1-9	S			AA
Angle-modulation system for land Mobile Station and portable radio Station (F3c etc.)	1-10	D			AA
Frequency modulation system for land Mobile Station and portable radio Station (F3E etc.)	1-11	F	400MHz		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	PY			A
SSB maritime Mobile telephone less than 50W	1-14	QV			A
Frequency modulation system	1-15	QY			A
Radiolocation	2	Q			AA
Radio buoys	2-2	RY			A
Meteorological aids	3-2	RY			A
Convenience radio	4	U	900MHz band		AA
	4-2	TY	150MHz band		A
	4-4	UY	27MHz band		A
Digital Convenience Radio	4-5	UV	150 and 400MHz band		A
	4-6	TV	150 and 400MHz band (with a carrier sensing device)		A
	4-7	ZT	920MHz band		A
Convenience radio	5	C	50GHz band		AA
Premises Radio	6	AS	1200MHz band, Telemeter, Tele-control, Data Transmission		B
			2450MHz band, Identification of moving objects (RF-ID)		D
			920MHz band, Identification of moving objects (RF-ID)		F
		6-2	BS	920MHz band, Identification of moving objects (RF-ID) with a carrier sensing device	
6-3	CS	2450MHz band, Identification of moving objects (RF-ID) using a frequency hopping system		A	
Mobile Relay Station	10	VT	Land Mobile Station (OBW: 90% or less)		B
	10-2	VS	Land Mobile Station (OBW: more than 90%)		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
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	IU	(OBW: 90% or less)		A
SC-FDMA(FD-LTE), Femtocell Base Station	11-20-2	IT	(OBW: 90% or less)		A
SC-FDMA(FD-LTE), Base Station (In-Door Use)	11-20-3	JT	(OBW: 90% or less)		A
SC-FDMA(FD-LTE), Base Station	11-20-4	RS	(OBW: More than 90%)		A
SC-FDMA(FD-LTE), Femtocell Base Station	11-20-5	SS	(OBW: More than 90%)		A
SC-FDMA(FD-LTE), Base Station (In-Door Use)	11-20-6	TS	(OBW: More than 90%)		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-JMB), Base Station	11-28	QU			A
Amateur Station	12	K			AA
Base Station for 26/38GHz band subscriber radio access communication (point-to-multipoint type)	15	KY			A
Land Mobile Station for 22/26/38GHz band subscriber radio access communication (point-to-point type)	15-3	MY			A
Fixed Station for teletext 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	AV	Low Spurious type		A
5GHz band Radio Access System, Land Mobile Relay Station	19-7	BV			A
	19-8	CV	Low Spurious type		A
Digital MCA, 800 MHz band Command Station	20-2	VX			A
PHS Base Station	23	KX			A
PHS Relay Station	23-2	LX			A
PHS Test Station	23-3	LX			A
38GHz band Fixed Station for telecommunications service	24	LZ			A
Real Zero SSB	25	RN			A
Narrow-band digital system	25-4	OV			A
Vehicle detection system	26	NZ			A
Beacon system	27	PZ			A
Radar Class III	28-3	VY			A
Radar Class IV	29	UZ			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)	40	BW			A
18GHz band Base Station, 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 Station for telecommunications and public service (point-to-multipoint type)	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
Gap filler for digital terrestrial television broadcasting	57	OV	only to relay the broadcast program of other broadcasting Stations		A
	57-2	UU	only to relay broadcasting for measures of poor reception		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	SU	Fixed type (25W or less)		A
	60	TU	Portable type (5W or less)		A
Base Station for 200MHz broadband Mobile communication system	61	ZU			A
Land Mobile Station for 200MHz broadband Mobile communication system	62	CT			A
Base Station for 700MHz band Intelligent Transport Systems	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