

Test items

Reference: Attached Table No. 1 of the Ordinance of Technical Regulations Conformity Certification of Specified Radio Equipment

As of Nov. 2006

Equipment		Transmitter														Receiver											
	No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Classification of Radio Equipment	Test items	Frequency	Occupied Bandwidth	Spurious Emission Intensity	Antenna Power	SAR (Specific Absorption Ratio)	Frequency Deviation or Shift or Degree of modulation	Pre-emphasis Characteristics	Carrier Power	Overall Frequency Response	Overall Distortion and Noise	Transmission Rise and Fall time	Adjacent Channel Leakage Power or Out-band Leakage Power	Leakage Power at no-carrier transmission	Transmission Rate	Limit of secondary radiated emissions (Spurious Emissions)	Sensitivity	Passing bandwidth	Attenuation	Spurious response	Adjacent Channel Selectivity	Sensitivity suppression Effect	Intermodulation Characteristics	Frequency drift of Local Oscillator	De-emphasis characteristics	Overall Distortion and Noise	
	MCA	x	x	x	x		x						x			x											
	Airport MCA	x	x	x	x		x						x			x											
	SSB (Item 1-9 of Article 2)	x	x	x	x				x	x	x					x											
	Digital radio	x	x	x	x		x							x		x											
	F3E radio, etc. (Item 1-11 of Article 2)	x	x	x	x		x	x				x		x		x											









800MHz band Digital MCA	x	x	x	x							x	x	x	x									
Digital cordless telephone	x	x	x	x							x	x	x	x									
PHS land mobile station	x	x	x	x							x	x	x	x									
PHS base station	x	x	x	x							x	x	x	x									
PHS relay station	x	x	x	x							x	x	x	x									
PHS test station	x	x	x	x							x	x	x	x									
38GHz band fixed station	x	x	x	x							x			x									
RZ SSB	x	x	x	x							x			x									
RZSSB with automatic frequency selection function	x	x	x	x							x			x									
RZSSB with frequency tracking function	x	x	x	x							x			x									
Narrow-band digital communication radio	x	x	x	x							x			x									
Narrow-band digital communication radio with automatic frequency selection function	x	x	x	x							x			x									
Narrow-band digital communication radio with frequency tracking function	x	x	x	x							x			x									
Radiolocation land station for vehicle detection	x	x	x	x										x									
Road traffic information beacon	x	x	x	x							x			x									
Earth station for portable mobile satellite communication (geostationary)	x	x	x	x								x	x	x									



1.9GHz band fixed relay station	x	x	x	x							x	x	x	x								
1.9GHz band radio station for test	x	x	x	x							x	x	x	x								
Fixed station for municipality disaster prevention digital radio	x	x	x	x							x			x								
Airport digital MCA (1)	x	x	x	x							x	x	x	x								
Airport digital MCA (2)	x	x	x	x							x	x	x	x								
18 GHz band base station, land mobile station, etc	x	x	x	x							x		x	x								
18 GHz band land mobile station	x	x	x	x							x		x	x								
18 GHz base station, etc	x	x	x	x							x		x	x								
18 GHz band fixed station for telecommunications service	x	x	x	x							x		x	x								
18 GHz band fixed station for public service	x	x	x	x							x		x	x								
Aeronautical mobile satellite communications system	x	x	x	x							x		x	x								
Ultra Wideband Wireless System	x	x	x	x										x								

- Notes:
- \*1 Items to be tested are marked with "x".
  - \*2 Limited to equipment using frequencies listed in the Appendix S-18 of Radio Regulations.
  - \*3 Excludes portable equipment for In-flight Telephone communication specified in the Item 8 of Article 7 of Radio Equipment Regulations.
  - \*4 Limited to portable equipment for In-flight Telephone communication specified in the Item 8 of Article 7 of Radio Equipment Regulations.
  - \*5 Limited to equipment using frequency of 335.4 - 470MHz and 1215 - 2690MHz.
  - \*6 Excludes equipment using frequency of 2450MHz band.
  - \*7 Excludes equipment using frequency of 2425 - 2475MHz, 10.5 - 10.55GHz, 24.05 - 24.25GHz, 59 - 66GHz and 76 - 77GHz.
  - \*8 If it is extremely difficult to conduct this test, the conformity with the Technical Regulations can be examined with the test data that the registered certification body recognizes its appropriateness.

- \*9 Limited to equipment which conducts secrecy communication.
- \*10 Limited to equipment for maritime mobile service specified in the Article 57 of Radio Equipment Regulations.
- \*11 Limited to On-board Communication equipment or radio equipment using F3E radio wave specified in the Item 2-1 of Article 40 of Radio Equipment Regulations and using frequencies listed in the table of Appendix S-18 of Radio Communication Regulations.
- \*12 Limited to equipment for maritime mobile service specified in the Item 1 of Article 58-2 of Radio Equipment Regulations or in the Item 1 of Article 58-2-2. However excludes On-board Communication equipment using frequency of 450 - 467.58MHz.
- \*13 Limited to equipment for maritime mobile service specified in the Item 1 of Article 58-2 of Radio Equipment Regulations or On-board Communication equipment specified in the Item 2 of Article 58-2-2 of Radio Equipment Regulations.
- \*14 Limited to On-board Communication equipment specified in the Item 2 of Article 58-2-2 of Radio Equipment Regulations.
- \*15 Excludes equipment specified in the Items 1 of Article 14-2 of Radio Equipment Regulations.
- \*16 Limited to transmitter used for communication for testing TDMA or CDMA cellular radio telephones. However excludes transmitter that communicates with land mobile station.