

The Outline of Proposed Amendment to Ministerial Ordinance

1 Item

Partial revision of Regulations for Radio Equipment etc.

2 Amendment to ministerial ordinance

Regulations for Radio Equipment

3 Reasons for amendment

Considering the situation that the traffic of the mobile communications is increasing every year, it is necessary to make connection of Wireless LAN (WLAN) more efficient in Japan. To meet these demands, we make the technical standards of the WLAN System for the expansion of use the WLAN system extends to the 5.925GHz to 6.425GHz Band.

The 2019 ITU World Radiocommunication Conference (WRC-19) made a decision to make 5.2GHz band wireless LAN available in automobiles. To meet these demands, we arrange the technical standards of the WLAN System.

4 Outline of the amendment

Technical requirements of radio equipment

(The following items written in red indicate are points to change.)

Item	
Name	Wireless LAN System (2.4/5.2/5.3/5.6/ 6 GHz band)
Frequency band	2400MHz to 2483.5MHz 5150MHz to 5350MHz 5470MHz to 5730MHz 5925MHz to 6425MHz
Communication Systems	Unidirectional, Simplex, Half-Duplex and Duplex
Modulation	DS-SS, Amplitude Modulation, Phase Modulation, Frequency Modulation, Pulse Modulation or these combination, and OFDM
Max Bit-rate	(5150MHz to 5350MHz, 5470MHz to 5730MHz and 5925MHz to 6425MHz) <ul style="list-style-type: none"> ▪ 20MHz system : more than 20 Mbps ▪ 40MHz system : more than 40 Mbps

	<ul style="list-style-type: none"> 80MHz system : more than 80 Mbps 160MHz system : more than 160 Mbps 																																																												
OBW	<p>(2400MHz to 2483.5MHz)</p> <ul style="list-style-type: none"> 20MHz system : 26 MHz 40MHz system : 40 MHz <p>(5150MHz to 5350MHz and 5470MHz to 5730MHz)</p> <ul style="list-style-type: none"> 20MHz system : 20 MHz (OFDM), 18 MHz (other modulations) 40MHz system : 40 MHz 80MHz system : 80 MHz 160MHz system : 160 MHz <p>(5925MHz to 6425MHz)</p> <ul style="list-style-type: none"> 20MHz system : 20 MHz (OFDM) 40MHz system : 40 MHz(OFDM) 80MHz system : 80 MHz(OFDM) 160MHz system : 160 MHz(OFDM) 																																																												
Allowable deviation of frequency	<ul style="list-style-type: none"> 2400MHz to 2483.5MHz : $\pm 50 \times 10^{-6}$ 5150MHz to 5350MHz, 5470MHz to 5730MHz and 5925MHz to 6425MHz : $\pm 20 \times 10^{-6}$ 																																																												
Antenna Power	<table border="1"> <thead> <tr> <th>Frequency band</th> <th>Modulations</th> <th>Antenna Power</th> </tr> </thead> <tbody> <tr> <td rowspan="5">2400MHz to 2483.5MHz</td> <td>FH</td> <td>3 mw/MHz</td> </tr> <tr> <td>DS-SS (excepting FH-DS)</td> <td>10 mW/MHz</td> </tr> <tr> <td>OFDM</td> <td>20MHz system</td> <td>10 mW/MHz</td> </tr> <tr> <td>(excepting FH-OFDM)</td> <td>40MHz system</td> <td>5 mW/MHz</td> </tr> <tr> <td></td> <td>other modulations</td> <td>10 mW</td> </tr> <tr> <td rowspan="6">5150MHz - 5350MHz</td> <td>DS-SS</td> <td>10 mW/MHz</td> </tr> <tr> <td rowspan="5">OFDM</td> <td>20MHz system</td> <td>10 mW/MHz (without connecting)</td> </tr> <tr> <td>40MHz system</td> <td>5 mW/MHz (without)</td> </tr> <tr> <td>80MHz system</td> <td>2.5 mW/MHz (without)</td> </tr> <tr> <td>160MHz system</td> <td>1.25 mW/MHz</td> </tr> <tr> <td></td> <td>other modulations</td> <td>10 mW</td> </tr> <tr> <td rowspan="6">5470MHz - 5730MHz</td> <td>DS-SS</td> <td>10 mW/MHz</td> </tr> <tr> <td rowspan="5">OFDM</td> <td>20MHz system</td> <td>10 mW/MHz</td> </tr> <tr> <td>40MHz system</td> <td>5 mW/MHz</td> </tr> <tr> <td>80MHz system</td> <td>2.5 mW/MHz</td> </tr> <tr> <td>160MHz system</td> <td>1.25 mW/MHz</td> </tr> <tr> <td></td> <td>other modulations</td> <td>10 mW/MHz</td> </tr> <tr> <td rowspan="5">5925MHz - 6425MHz</td> <td rowspan="5">OFDM</td> <td>20MHz system</td> <td>10 mW/MHz</td> </tr> <tr> <td>40MHz system</td> <td>5 mW/MHz</td> </tr> <tr> <td>80MHz system</td> <td>2.5 mW/MHz</td> </tr> <tr> <td>160MHz system</td> <td>1.25 mW/MHz</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Frequency band	Modulations	Antenna Power	2400MHz to 2483.5MHz	FH	3 mw/MHz	DS-SS (excepting FH-DS)	10 mW/MHz	OFDM	20MHz system	10 mW/MHz	(excepting FH-OFDM)	40MHz system	5 mW/MHz		other modulations	10 mW	5150MHz - 5350MHz	DS-SS	10 mW/MHz	OFDM	20MHz system	10 mW/MHz (without connecting)	40MHz system	5 mW/MHz (without)	80MHz system	2.5 mW/MHz (without)	160MHz system	1.25 mW/MHz		other modulations	10 mW	5470MHz - 5730MHz	DS-SS	10 mW/MHz	OFDM	20MHz system	10 mW/MHz	40MHz system	5 mW/MHz	80MHz system	2.5 mW/MHz	160MHz system	1.25 mW/MHz		other modulations	10 mW/MHz	5925MHz - 6425MHz	OFDM	20MHz system	10 mW/MHz	40MHz system	5 mW/MHz	80MHz system	2.5 mW/MHz	160MHz system	1.25 mW/MHz			
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EIRP	(unlicensed 5.2/5.3/5.6/ 6 GHz WLAN system)	
	Frequency band	EIRP
	5150MHz to 5250MHz	20MHz system 10 mW/MHz (use in cars; 2mW/MHz) 40MHz system 5 mW/MHz (use in cars; 1mW/MHz) 80MHz system 2.5 mW/MHz (use in cars; 0.5mW/MHz)
	5250MHz to 5350MHz	20MHz system 10 mW/MHz (without TPC support; 5 mW/MHz) 40MHz system 5 mW/MHz (without TPC support; 2.5 mW/MHz) 80MHz system 2.5 mW/MHz (without TPC support; 1.25 mW/MHz)
	5470MHz to 5730MHz	20MHz system 50 mW/MHz (without TPC support; 25 mW/MHz) 40MHz system 25 mW/MHz (without TPC support; 12.5 mW/MHz) 80MHz system 12.5 mW/MHz (without TPC support; 6.25 mW/MHz) 160MHz system 6.25 mW/MHz (without TPC support; 3.125 mW/MHz)
	5925MHz to 6425MHz	20MHz system Low Power Indoor (LPI); 10mW/MHz Very Low Power (VLP); 1.25mW/MHz 40MHz system LPI; 5mW/MHz VLP; 0.625mW/MHz 80MHz system LPI ; 2.5mW/MHz VLP; 0.3125mW/MHz 160MHz system LPI; 1.25mW/MHz VLP; 0.15625mW/MHz
	(registered 5.2GHz High-power WLAN system)	
		elevation angle θ (degree)
	20MHz system	< 8 -13
		8 to 40 -13 – 0.716(θ - 8)
		40 to 45 -35.9 – 1.22(θ - 40)
		45 < -42
	40MHz system	< 8 -16
		8 to 40 -16 – 0.716(θ - 8)
		40 to 45 -38.9 – 1.22(θ - 40)
		45 < -45
	80MHz system	< 8 -19
		8 to 40 -19 – 0.716(θ - 8)
		40 to 45 -41.9 – 1.22(θ - 40)
		45 < -48

Allowable deviation of Antenna Power	<p>(5470MHz to 5730MHz, 5925MHz to 6425MHz) -80 to +20%</p> <p>(others) -50 to +50%</p>
Spectrum Mask (1)	<p>OBW is less than 18MHz : Average powers within the $\pm 9\text{MHz}$ regions of 20MHz and 40MHz separations from the carrier frequency are respectively 25dB and 40dB less than the average power of the carrier frequency.</p> <p>OBW is 18MHz to 20MHz : Average powers within the $\pm 10\text{MHz}$ regions of 20MHz and 40MHz separations from the carrier frequency are respectively 25dB and 40dB less than the average power of the carrier frequency.</p> <p>OBW is 20MHz to 40MHz : Average powers within the $\pm 20\text{MHz}$ regions of 40MHz and 80MHz separations from the carrier frequency are respectively 25dB and 40dB less than the average power of the carrier frequency.</p> <p>OBW is 40MHz to 80MHz : Average power within the $\pm 40\text{MHz}$ region of 80MHz separation from the carrier frequency are 25dB less than the average power of the carrier frequency.</p>

Spectrum Mask	(unlicensed 5.2/5.3GHz WLAN system)			
(2)	OBW	reference channel	applied frequency region	Allowable unwanted emission level(EIRP)
≤ 18MHz	5240MHz	≤ 5142MHz	2.5 μW/MHz	
		5142MHz - 5150MHz	15 μW/MHz	
		5250MHz - 5251MHz	10 ^{1-(f-9)} mW/MHz	
		5251MHz - 5260MHz	10 ^{-1-(8/90)(f-11)} mW/MHz	
		5260MHz - 5266.7MHz	10 ^{-1.8-(6/50)(f-20)} mW/MHz	
		5266.7MHz ≤	2.5 μW/MHz	
	5260MHz	≤ 5233.3MHz	2.5 μW/MHz	
		5233.3MHz - 5240MHz	10 ^{-1.8-(6/50)(f-20)} mW/MHz	
		5240MHz - 5249MHz	10 ^{-1-(8/90)(f-11)} mW/MHz	
		5249MHz - 5250MHz	10 ^{1-(f-9)} mW/MHz	
		5350MHz ≤	2.5 μW/MHz	
18MHz to 20MHz	5180MHz	≤ 5142MHz	2.5 μW/MHz	
		5142MHz - 5150MHz	15 μW/MHz	
		5250MHz - 5250.2MHz	10 ^{1-(8/3)(f-9.75)} mW/MHz	
		5250.2MHz - 5251MHz	10 ^{1-(f-9)} mW/MHz	
		5251MHz - 5260MHz	10 ^{-1-(8/90)(f-11)} mW/MHz	
		5260MHz - 5266.7MHz	10 ^{-1.8-(6/50)(f-20)} mW/MHz	
	5260MHz	5266.7MHz ≤	2.5 μW/MHz	
		≤ 5233.3MHz	2.5 μW/MHz	
		5233.3MHz - 5240MHz	10 ^{-1.8-(6/50)(f-20)} mW/MHz	
		5240MHz - 5249MHz	10 ^{-1-(8/90)(f-11)} mW/MHz	
		5249MHz - 5249.8MHz	10 ^{1-(f-9)} mW/MHz	
20MHz to 40MHz	5190MHz	5249.8MHz - 5250MHz	10 ^{1-(8/3)(f-9.75)} mW/MHz	
		5320MHz	5350MHz ≤	2.5 μW/MHz
		≤ 5141.6MHz	2.5 μW/MHz	
		5141.6MHz - 5150MHz	15 μW/MHz	
		5250MHz - 5251MHz	10 ^{-(f-20)+log(1/2)} mW/MHz	
		5251MHz - 5270MHz	10 ^{-(8/190)(f-21)-1+log(1/2)} mW/MHz	
	5230MHz	5270MHz - 5278.4MHz	10 ^{-(3/50)(f-40)-1.8+log(1/2)} mW/MHz	
		5278.4MHz ≤	2.5 μW/MHz	
		≤ 5200MHz	2.5 μW/MHz	
		5200MHz - 5221.6MHz	2.5 μW/MHz	
		5221.6MHz - 5230MHz	10 ^{-(3/50)(f-40)-1.8+log(1/2)} mW/MHz	
40MHz to 80MHz	5270MHz	5230MHz - 5249MHz	10 ^{-(8/190)(f-21)-1+log(1/2)} mW/MHz	
		5249MHz - 5250MHz	10 ^{-(f-20)+log(1/2)} mW/MHz	
		5310MHz	5350MHz - 5358.4MHz	15 μW/MHz
		5358.4MHz ≤	2.5 μW/MHz	
		≤ 5123.2MHz	2.5 μW/MHz	
		5123.2MHz - 5150MHz	15 μW/MHz	
	5210MHz	5250MHz - 5251MHz	10 ^{-(f-40)+log(1/4)} mW/MHz	
		5251MHz - 5290MHz	10 ^{-(8/390)(f-41)-1+log(1/4)} mW/MHz	
		5290MHz - 5296.7MHz	10 ^{-(3/100)(f-80)-1.8+log(1/4)} mW/MHz	
		5296.7MHz - 5480MHz	2.5 μW/MHz	
		≤ 5203.3MHz	2.5 μW/MHz	
80MHz to 160MHz	5290MHz	5203.3MHz - 5210MHz	10 ^{-(3/100)(f-80)-1.8+log(1/4)} mW/MHz	
		5210MHz - 5249MHz	10 ^{-(8/390)(f-41)-1+log(1/4)} mW/MHz	
		5249MHz - 5250MHz	10 ^{-(f-40)+log(1/4)} mW/MHz	
		5350MHz - 5376.8MHz	15 μW/MHz	
		5376.8MHz ≤	2.5 μW/MHz	
'f' is the separation from the carrier frequency. (unit : MHz)				

(unlicensed 5.6GHz WLAN system)

OBW	applied frequency region	Allowable unwanted emission level(EIRP)
$\leq 20\text{MHz}$ (OFDM)	$< 5460\text{MHz}$	$2.5 \mu\text{W}/\text{MHz}$
	5460MHz - 5470MHz	$12.5 \mu\text{W}/\text{MHz}$
	5730MHz - 5765MHz	
$\leq 20\text{MHz}$ (others)	$5765\text{MHz} <$	$2.5 \mu\text{W}/\text{MHz}$
	$\leq 5470\text{MHz}$	$12.5 \mu\text{W}/\text{MHz}$
20MHz to 40MHz	$5730\text{MHz} \leq$	$12.5 \mu\text{W}/\text{MHz}$
	$\leq 5460\text{MHz}$	$12.5 \mu\text{W}/\text{MHz}$
	5460MHz - 5470MHz	$50 \mu\text{W}/\text{MHz}$
40MHz to 80MHz	$5770\text{MHz} \leq$	$12.5 \mu\text{W}/\text{MHz}$
	$\leq 5460\text{MHz}$	$12.5 \mu\text{W}/\text{MHz}$
	5460MHz - 5469.5MHz	$50 \mu\text{W}/\text{MHz}$
80MHz to 160MHz	5469.5MHz - 5470MHz	$51.2 \mu\text{W}/\text{MHz}$
	$5770\text{MHz} \leq$	$12.5 \mu\text{W}/\text{MHz}$
	$\leq 5419.6\text{MHz}$	$12.5 \mu\text{W}/\text{MHz}$
	5419.6MHz - 5470MHz	$50 \mu\text{W}/\text{MHz}$
	$5725\text{MHz} \leq$	$12.5 \mu\text{W}/\text{MHz}$

(unlicensed 5.2GHz WLAN system use in cars)

OBW	reference channel	applied frequency region	Allowable unwanted emission level (EIRP)
< 20MHz	5180MHz	$\leq 5142\text{MHz}$	$0.5 \mu\text{W}/\text{MHz}$
		5142MHz - 5150MHz	$3 \mu\text{W}/\text{MHz}$
	5240MHz	5250MHz - 5250.2MHz	$0.2 \times 10^{1-(8/3)(f-9.75)} \text{mW}$
		5250.2MHz - 5251MHz	$0.2 \times 10^{1-(f-9)} \text{mW}/\text{MHz}$
		5251MHz - 5260MHz	$0.2 \times 10^{1-(8/90)(f-11)} \text{mW}/\text{MHz}$
		5260MHz - 5266.7MHz	$0.2 \times 10^{1.8-(6/50)(f-20)} \text{mW}/\text{MHz}$
		$5266.7\text{MHz} \leq$	$0.5 \mu\text{W}/\text{MHz}$
20MHz to 40MHz	5190MHz	$\leq 5141.6\text{MHz}$	$0.5 \mu\text{W}/\text{MHz}$
		5141.6MHz - 5150MHz	$3 \mu\text{W}/\text{MHz}$
	5230MHz	5250MHz - 5251MHz	$0.2 \times 10^{1-(f-20)+\log(1/2)} \text{mW}/\text{MHz}$
		5251MHz - 5270MHz	$0.2 \times 10^{1-(8/190)(f-21)-1+\log(1/2)} \text{mW}/\text{MHz}$
		5270MHz - 5278.4MHz	$0.2 \times 10^{1-(3/50)(f-40)-1.8+\log(1/2)} \text{mW}/\text{MHz}$
		$5278.4\text{MHz} \leq$	$0.5 \mu\text{W}/\text{MHz}$
		$\leq 5123.2\text{MHz}$	$0.5 \mu\text{W}/\text{MHz}$
40MHz to 80MHz	5210MHz	5123.2MHz - 5150MHz	$3 \mu\text{W}/\text{MHz}$
		5250MHz - 5251MHz	$0.2 \times 10^{1-(f-40)+\log(1/4)} \text{mW}/\text{MHz}$
		5251MHz - 5290MHz	$0.2 \times 10^{1-(8/390)(f-41)-1+\log(1/4)} \text{mW}/\text{MHz}$
		5290MHz - 5296.7MHz	$0.2 \times 10^{1-(3/100)(f-80)-1.8+\log(1/4)} \text{mW}/\text{MHz}$
		$5296.7\text{MHz} \leq$	$0.5 \mu\text{W}/\text{MHz}$
		' f ' is the separation from the carrier frequency. (unit : MHz)	

(registered 5.2GHz High-power WLAN system)

OBW	reference channel	applied frequency region	Allowable unwanted emission level (EIRP)
< 18MHz	5240MHz	$\leq 5142\text{MHz}$	$12.5 \mu\text{W}/\text{MHz}$
		5142MHz - 5150MHz	$75 \mu\text{W}/\text{MHz}$

			5250MHz - 5251MHz	$10^{1+\log(5)-(f-9)} \mu\text{W}/\text{MHz}$	
			5251MHz - 5260MHz	$10^{1+\log(5)-(8/90)(f-11)} \mu\text{W}/\text{MHz}$	
			5260MHz - 5266.7MHz	$10^{-1.8+\log(5)-(6/50)(f-20)} \mu\text{W}/\text{MHz}$	
			5266.7MHz \leqq	$12.5 \mu\text{W}/\text{MHz}$	
18MHz to 20MHz	5180MHz	\leqq 5142MHz		$12.5 \mu\text{W}/\text{MHz}$	
		5142MHz - 5150MHz		$75 \mu\text{W}/\text{MHz}$	
		5240MHz	5250MHz - 5250.2MHz	$10^{1+\log(5)-(8/3)(f-9.75)} \mu\text{W}$	
			5250.2MHz - 5251MHz	$10^{1+\log(5)-(f-9)} \mu\text{W}/\text{MHz}$	
			5251MHz - 5260MHz	$10^{1+\log(5)-(8/90)(f-11)} \mu\text{W}/\text{MHz}$	
	5190MHz	5260MHz - 5266.7MHz		$10^{-1.8+\log(5)-(6/50)(f-20)} \mu\text{W}/\text{MHz}$	
		\leqq 5266.7MHz		$12.5 \mu\text{W}/\text{MHz}$	
		\leqq 5141.6MHz		$12.5 \mu\text{W}/\text{MHz}$	
		5141.6MHz - 5150MHz		$75 \mu\text{W}/\text{MHz}$	
		5230MHz	5250MHz - 5251MHz	$10^{\log(5)-(f-20)+\log(1/2)} \mu\text{W}/\text{MHz}$	
20MHz to 40MHz	5230MHz		5251MHz - 5270MHz	$10^{\log(5)-(8/190)(f-21)-1+\log(1/2)} \mu\text{W}/\text{MHz}$	
			5270MHz - 5278.4MHz	$10^{\log(5)-(3/50)(f-40)-1.8+\log(1/2)} \mu\text{W}/\text{MHz}$	
		\leqq 5278.4MHz		$12.5 \mu\text{W}/\text{MHz}$	
		\leqq 5123.2MHz		$12.5 \mu\text{W}/\text{MHz}$	
		5123.2MHz - 5150MHz		$75 \mu\text{W}/\text{MHz}$	
	5210MHz	5250MHz - 5251MHz		$10^{\log(5)-(f-40)+\log(1/4)} \mu\text{W}/\text{MHz}$	
		5251MHz - 5290MHz		$10^{\log(5)-(8/390)(f-41)-1+\log(1/4)} \mu\text{W}/\text{MHz}$	
		5290MHz - 5296.7MHz		$10^{\log(5)-(3/100)(f-80)-1.8+\log(1/4)} \mu\text{W}/\text{MHz}$	
		\leqq 5296.7MHz		$12.5 \mu\text{W}/\text{MHz}$	
		' f ' is the separation from the carrier frequency. (unit : MHz)			

(unlicensed 6GHz WLAN system (LPI))

OBW	reference channel	applied frequency region	Allowable unwanted emission level (EIRP)
\leqq 20MHz	5955MHz	\leqq 5925MHz	$2 \mu\text{W}/\text{MHz}$
	6415MHz	6425MHz - 6435.9MHz	$10 \mu\text{W}/\text{MHz}$
		\leqq 6435.9MHz	$2.5 \mu\text{W}/\text{MHz}$
20MHz to 40MHz	5965MHz	\leqq 5925MHz	$2 \mu\text{W}/\text{MHz}$
	6405MHz	6425MHz - 6440.1MHz	$50 \mu\text{W}/\text{MHz}$
		\leqq 6440.1MHz	$12.5 \mu\text{W}/\text{MHz}$
40MHz to 80MHz	5925MHz	\leqq 5925MHz	$2 \mu\text{W}/\text{MHz}$
	6385MHz	6425MHz - 6440.4MHz	$50 \mu\text{W}/\text{MHz}$
		\leqq 6440.4MHz	$12.5 \mu\text{W}/\text{MHz}$
80MHz to 160MHz	6025MHz	\leqq 5925MHz	$2 \mu\text{W}/\text{MHz}$
	6345MHz	6425MHz - 6425.5MHz	$50 \mu\text{W}/\text{MHz}$
		\leqq 6425.5MHz	$12.5 \mu\text{W}/\text{MHz}$

(unlicensed 6GHz WLAN system (VLP))

OBW	reference channel	applied frequency region	Allowable unwanted emission level (EIRP)
\leqq 20MHz	5955MHz	\leqq 5925MHz	$0.2 \mu\text{W}/\text{MHz}$
	6415MHz	6425MHz - 6425.5MHz	$50 \mu\text{W}/\text{MHz}$
		\leqq 6425.5MHz	$12.5 \mu\text{W}/\text{MHz}$
20MHz to 40MHz	5965MHz	\leqq 5925MHz	$0.2 \mu\text{W}/\text{MHz}$
	6405MHz	6425MHz - 6425.4MHz	$50 \mu\text{W}/\text{MHz}$

			$6425.4\text{MHz} \leqq$	12.5 $\mu\text{W/MHz}$	
40MHz to 80MHz	5925MHz	\leqq 5925MHz	0.2 $\mu\text{W/MHz}$		
	6385MHz	6425MHz – 6425.2MHz	50 $\mu\text{W/MHz}$		
		6425.2MHz \leqq	12.5 $\mu\text{W/MHz}$		
80MHz to 160MHz	6025MHz	\leqq 5925MHz	0.2 $\mu\text{W/MHz}$		
	6345MHz	6425MHz – 6425.1MHz	50 $\mu\text{W/MHz}$		
		6425.1MHz \leqq	12.5 $\mu\text{W/MHz}$		

Leak radiation from receiver circuit	At the frequency region less than 1GHz : 4nW more than 1GHz : 20nW
Usage condition	<ul style="list-style-type: none"> ▪ 2.4GHz WLAN system : none ▪ 5.2GHz WLAN system : indoor use only(*), except connecting to 5.2GHz High-power WLAN system (Fixed-AP) ▪ 5.3GHz WLAN system : indoor use only(*) ▪ 5.6GHz WLAN system : do not use in the sky (except using in an airplane) ▪ 5.2GHz High-power WLAN system : Fixed-AP ▪ 6GHz WLAN system (LPI) : indoor use only(*) ▪ 6GHz WLAN system (VLP) : do not use in the sky <p>(*) Indoor includes trains, boats, and aircraft exceptionally includes cars in the 5.15 – 5.25 GHz band.</p>
License	<ul style="list-style-type: none"> ▪ 2.4/5.2/5.3/5.6/6GHz WLAN system : unlicensed system ▪ 5.2GHz High-power WLAN system : registered system

5 Proposed date of entry into force

August, 2022