

RTL03220





Accreditation Certificate Appendix

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Type of Laboratory	Testing Laboratory
Name of Laboratory	Labotech International Co., Ltd.
Address	1-16, Fukazu-cho, Nishinomiya-shi, Hyogo, 663-8203 Japan

1) Premises on which testing activities are performed

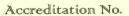
Name of Premises	Nishinomiya Lab.		
Address of	Postal code	662-8580	
Premises	Address	9-52 Ashihara-cho, Nishinomiya-shi, Hyogo, Japan	
Testing service at permanent facilities on site testing servi		 ✓ Testing service at permanent facilities ☐ On site testing service 	No.

Scope of Accreditation

FIELD M21 Electrical Testing

CODE OF CLASSIFICATION,	TEST METHOD STANDARD
NAME	TEST METHOD STRUCTURE
M21 Electrical testing	IEC 60068-2-1 (6.8, 6.10, and 6.13 are limited to visual check by
M21.5 Environmental testing	viewing and operation check by electricity. Test Ab Temperature range -40 °C to +5 °C),
M21.5.1 Cold tests	EN 60068-2-1 (6.8, 6.10, and 6.13 are limited to visual check by
	viewing and operation check by electricity. Test Ab Temperature
	range -40 °C to +5 °C),
	JIS C 60068-2-1 (6.8, 6.10, and 6.13 are limited to visual check by
	viewing and operation check by electricity. Test Ab Temperature
	range -40 °C to +5 °C),
	IEC 60945, EN 60945, JIS F 0812
M21 Electrical testing	IEC 60068-2-2 (6.7, 6.9, and 6.13 are limited to visual check by
M21.5 Environmental testing	viewing and operation check by electricity. Test Bb Temperature
	range ≤ 100 °C),
M21.5.2 Dry heat tests	EN 60068-2-2 (6.7, 6.9, and 6.13 are limited to visual check by
	viewing and operation check by electricity. Test Bb Temperature
	range ≤ 100 °C),
	JIS C 60068-2-2 (6.7, 6.9, and 6.13 are limited to visual check by
	viewing and operation check by electricity. Test Bb Temperature
	range ≤ 100 °C),
	IEC 60945, EN 60945, JIS F 0812
M21 Electrical testing	IEC 60068-2-30 (6, 8, 10 are limited to visual check by viewing and
M21.5 Environmental testing	operation check by electricity.),
	EN 60068-2-30 (6, 8, 10 are limited to visual check by viewing and
M21.5.6 Damp Heat tests, cyclic	operation check by electricity.),
(12+12-Hour cycle)	JIS C 60068-2-30 (6, 8, 10 are limited to visual check by viewing and
	operation check by electricity.),
	IEC 60945, EN 60945, JIS F 0812

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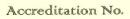
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CODE OF CLASSIFICATION, NAME	TEST METHOD STANDARD
M21 Electrical testing M21.27 Radio Transmitter tests M21.27.1 Frequency	FCC Part 2.1055, 25.202, 74.861, 80.209, 80.213, 87.133, 90.213, 90.215, 101.107 ANSI/TIA-603-E RSS-Gen, RSS-170, RSS-181, RSS-182, RSS-238 EN 302 248, EN 303 135
M21 Electrical testing M21.27 Radio Transmitter tests M21.27.2 Occupied frequency	FCC Part 2.1049, 74.861, 80.209, 80.211, 87.135, 87.137, 87.139, 90.209, 90.210, 101.109 RSS-Gen, RSS-182
bandwidth M21 Electrical testing M21.27 Radio Transmitter tests	FCC Part 2.1051, 2.1053, 2.1057, 25.204, 74.861, 80.211, 80.217, 80.273, 87.139, 90.210, 101.111 ANSI/TIA-603-E
M21.27.3 Spurious emission intensity	RSS-Gen, RSS-170, RSS-181, RSS-182, RSS-238 EN 302 248, EN 303 135
M21 Electrical testing M21.27 Radio Transmitter tests	FCC Part 2.1046, 25.204, 25.216, 74.861, 80,215, 80.855, 80.873, 80.909, 80.911, 80.959, 87.131, 90.205, 90.215, 90.217, 101.113 ANSI/TIA-603-E
M21.27.4 Antenna power	RSS-Gen, RSS-170, RSS-181, RSS-182, RSS-238 EN 302 248, EN 303 135
M21 Electrical testing M21.27 Radio Transmitter tests	FCC Part 2.1046, 30.202, 80,215, 87.131, 95.3167 ANSI/TIA-603-E RSS-Gen, RSS-170, RSS-181, RSS-182, RSS-238 EN 302 248
M21.27.8 Carrier-wave power M21 Electrical testing M21.27 Radio Transmitter tests	FCC Part 2.1047, 80.213, 87.141, 90.207 RSS-238
M21.27.11 Transmission rise time and transmission fall time	
M21 Electrical testing M21.27 Radio Transmitter tests	FCC Part 2.1051, 2.1053, 2.1057, 80.211, 80.273, 87.139, 90.210 ANSI/TIA-603-E RSS-Gen, RSS-181, RSS-182, RSS-238
M21.27.12 Adjacent channel leakage power or out-band leakage	EN 302 248, EN 303 135
M21 Electrical testing M21.28 Radio Receiver tests	FCC Section 2.1051, 2.1053, 2.1057, 80.217, 90.210 ANSI/TIA-603-E RSS-Gen, RSS-170, RSS-181, RSS-182
M21.28.1 Limit of radio waves which are secondarily emitted	

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CODE OF CLASSIFICATION, NAME	TEST METHOD STANDARD
M21 Electrical testing	EN 303 135
M21.28 Radio Receiver tests M21.28.5 Spurious response	
M21 Electrical testing	• ANSI/TIA-603-E-2016; [1] or
M21.41 Accreditation Scope of	• ANSI C63.26-2015
EMC laboratory for FCC	ANSI C03.20-2013
M21.41.13 Maritime and	(Measurement frequency: up to 40 GHz)
Aviation Radio Services (FCC	(incustionicite requestry), up to 10 orizi
Licensed Radio Service	
Equipment)	
• Part 80	
• Part 87	
M21 Electrical testing	•ANSI/TIA-603-E-2016; [1] or
M21.41 Accreditation Scope of	•ANSI/TIA-102.CAAA-E-2016;
EMC laboratory for FCC	[1] or
M21.41.14	•ANSI C63.26-2015
Microwave and Millimeter	and the second s
Bands Radio Services (FCC	(Measurement frequency: up to 40 GHz)
Licensed Radio Service	
Equipment)	
• Part 25	
• Part 30	
• Part 74	
• Part 90 (above 3 GHz)	
• Part 95 (above 3 GHz)	
• Part 97 (above 3 GHz)	
• Part 101	

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