제 KT160호 (1/16)

국제공인시험기관인정서

기 관 명 : (주)한국기술연구소

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인정분야 및 범위 : 별첨

상기 시험기관을 국가표준기본법 제23조 및 KS Q ISO/IEC 17025 인정 요건에 의거하여 국제공인시험기관으로 인정합니다. 또한 ISO-ILAC-IAF 공동성명(2009.1.8)에 언급된 바와 같이 인정된 분야 및 범위에 대한 기술적 능력과 시험기관 품질경영시스템이 적절함을 인정합니다.

2016년 5월 9일

한 국 인 정 기 구 장

03.011 전자기적합성

규격번호	규 격 명	시험범위 또는 검출한계
MIL-STD-461D:1993	Department of Defense Interface Standard Requirements for the control of electromagnetic interference emissions and susceptibility	
	5.3.1 CE101 (Conducted Emissions, Power Leads)	CE101, 30 Hz to 10 kHz
	5.3.2 CE102 (Conducted Emissions, Power Leads)	CE102, 10 kHz to 10 MHz
	5.3.3 CE106 (Conducted Emissions, Antenna Terminal)	CE106, 10 kHz to 40 GHz
	5.3.4 CS101 (Conducted Susceptibility, Power Leads)	CS101, 30 Hz to 50 kHz
	5.3.5 CS103 (Conducted Susceptibility, Antenna Port, Intermodulation)	CS103, 15 kHz to 10 GHz
	5.3.6 CS104 (Conducted Susceptibility, Antenna Port, Rejection of Undesired signals)	CS104, 30 Hz to 20 GHz
	5.3.9 CS114 (Conducted Susceptibility, Bulk Cable Injection)	CS114, 10 kHz to 400 MHz
	5.3.10 CS115 (Conducted Susceptibility, Bulk Cable Injection, Impulse Excitation)	CS115, 30 Hz rate, 10 A
	5.3.11 CS116 (Conducted Susceptibility, Damped Sinusoidal Transients, Cables and Power Leads)	CS116, 10 kHz, 100 kHz, 1 MHz, 10 MHz, 30 MHz, 100 MHz
	5.3.12 RE101 (Radiated Emissions, Magnetic Field)	RE101, 30 Hz to 100 kHz
	5.3.13 RE102 (Radiated Emissions, Electric Field)	RE102, 10 kHz to 18 GHz
	5.3.15 RS101 (Radiated Susceptibility, Magnetic Field)	RS101, 30 Hz to 100 kHz
	5.3.16 RS103 (Radiated Susceptibility, Electric Field)	RS103, 2 MHz to 18 GHz
	<Exception> 5.3.16(RS103) Frequency above 18 GHz	전계강도 : 최대 10 V/m, 거리 1m

03.011 전자기적합성

규격번호	규 격 명	시험범위 또는 검출한계
MIL-STD-461E:1999	Department of Defense Interface Standard Requirements for the control of electromagnetic interference chracteristics of subsystems and equipment	
	5.4 CE101 (Conducted Emissions, Power Leads)	CE101, 30 Hz to 10 kHz
	5.5 CE102 (Conducted Emissions, Power Leads)	CE102, 10 kHz to 10 MHz
	5.6 CE106 (Conducted Emissions, Antenna Terminal)	CE106, 10 kHz to 40 GHz
	5.7 CS101 (Conducted Susceptibility, Power Leads)	CS101, 30 Hz to 150 kHz
	5.8 CS103 (Conducted Susceptibility, Antenna Port, Intermodulation)	CS103, 15 kHz to 10 GHz
	5.9 CS104 (Susceptibility, Antenna Port, Rejection of Undesired Signals)	CS104, 30 Hz to 20 GHz
	5.12 CS114 (Conducted Susceptibility, Bulk Cable Injection)	CS114, 10 kHz to 200 MHz
	5.13 CS115 (Conducted Susceptibility, Bulk Cable Injection, Impulse Excitation)	CS115, 30 Hz rate, 10 A
	5.14 CS116 (Conducted Susceptibility, Damped Sinusoidal Transients, Cables and Power Leads)	CS116, 10 kHz, 100 kHz, 1 MHz, 10 MHz, 30 MHz, 100 MHz
	5.15 RE101 (Radiated Emissions, Magnetic Field)	RE101, 30 Hz to 100 kHz
	5.16 RE102 (Radiated Emissions, Electric Field)	RE102, 10 kHz to 18 GHz
	5.18 RS101 (Radiated Susceptibility, Magnetic Field)	RS101, 30 Hz to 100 kHz
	5.19 RS103 (Radiated Susceptibility, Electric Field)	RS103, 2 MHz to 18 GHz
	<Exception> 5.19(RS103) Frequency above 18 GHz	전계강도 : 최대 10 V/m

03.011 전자기적합성

규격번호	규 격 명	시험범위 또는 검출한계
MIL-STD-461F:2007	Department of Defense Interface Standard Requirements for the control of electromagnetic interference characteristics of subsystem and equipment 5.4 CE101 (Conducted Emissions, Power Leads) 5.5 CE102 (Conducted Emissions, Power Leads) 5.6 CE106 (Conducted Emissions, Antenna Terminal) 5.7 CS101 (Conducted Susceptibility, Power Leads) 5.8 CS103 (Conducted Susceptibility, Antenna Port, Intermodulation) 5.9 CS104 (Conducted Susceptibility, Antenna Port, Rejection of Undesired Signals) 5.11 CS106 (Conducted Susceptibility, Transients, Power Leads) 5.13 CS114 (Conducted Susceptibility, Bulk Cable Injection) 5.14 CS115 (Conducted Susceptibility, Bulk Cable Injection, Impulse Excitation) 5.15 CS116 (Conducted Susceptibility, Damped Sinusoidal Transients, Cables and Power Leads) 5.16 RE101 (Radiated Emissions, Magnetic Field) 5.17 RE102 (Radiated Emissions, Electric Field) 5.19 RS101 (Radiated Susceptibility, Magnetic Field) 5.20 RS103 (Radiated Susceptibility, Electric Field) <Exception> 5.20(RS103) Frequency above 18 GHz	CE101, 30 Hz to 10 kHz CE102, 10 kHz to 10 MHz CE106, 10 kHz to 40 GHz CS101, 30 Hz to 150 kHz CS103, 15 kHz to 10 GHz CS104, 30 Hz to 20 GHz CS106, 400 V 5.13 CS114 10 kHz to 200 MHz CS115, 30 Hz rate, 10 A CS116, 10 kHz, 100 kHz, 1 MHz, 10 MHz, 30 MHz, 100 MHz RE101, 30 Hz to 100 kHz RE102, 10 kHz to 18 GHz RS101, 30 Hz to 100 kHz RS103, 2 MHz to 18 GHz 전계강도 : 최대 10 V/m

끝.