RF EXPOSURE REPORT

Applicant	Guangdong Leetac Electronics Technology Co .,Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.

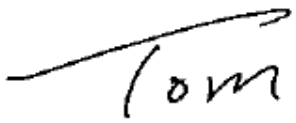
Manufacturer or Supplier	Guangdong Leetac Electronics Technology Co .,Ltd.
Address	No.15 Danli Road, South District, Zhongshan, Guangdong, China.
Product	CD Shelf System
Brand Name	Leetac, Innovative Technology
Model	E-5209
Additional Model & Model Difference	ITCDS-5000a, ITCDS-5000a blk; See items 1
Date of tests	Jan. 25, 2017 ~ Feb. 16, 2017

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Tom Chen Project Engineer / EMC Department	Approved by Glyn He Supervisor/ EMC Department
	 Date: May 31, 2017

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS170123N005	Original release	Mar. 09, 2017
FS170406N046	Based on the original report FS170123N005 added RCA input function, renewed product name, brand name and model number and it doesn't need to retest after engineer evaluated.	May 31, 2017

1. CERTIFICATION

FCC ID:	ZXNLEETACITCDS6
PRODUCT:	CD Shelf System
BRAND NAME:	Leetac, Innovative Technology
MODEL NO.:	E-5209
ADDITIONAL NO.:	ITCDS-5000a, ITCDS-5000a blk
APPLICANT:	Guangdong Leetac Electronics Technology Co .,Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. Additional models ITCDS-5000a, ITCDS-5000a blk are identical with the test model E-5209, except the trade name and model number for marketing purpose.

Remark: Leetac can be used for E-5209,
Innovative Technology can be used for ITCDS-5000a, ITCDS-5000a blk.
ITCDS-5000a can be a part of the unified music center ITCDS-6000;
ITCDS-5000a blk can be a part of the unified music center ITCDS-6000 blk;
E-5209 can be a part of the unified music center E-5203.

2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm^2)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	0	Integral PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
2402-2480	-10	+-3	-13	-7

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2402	-8.01
8DPSK	2402	-11.25

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	-7	0	20	0.000040	1.0

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