

## Introduction of MCA-2360B



World-First MCA-2360B(60W) for  
Portable Internet (Wi-Bro)

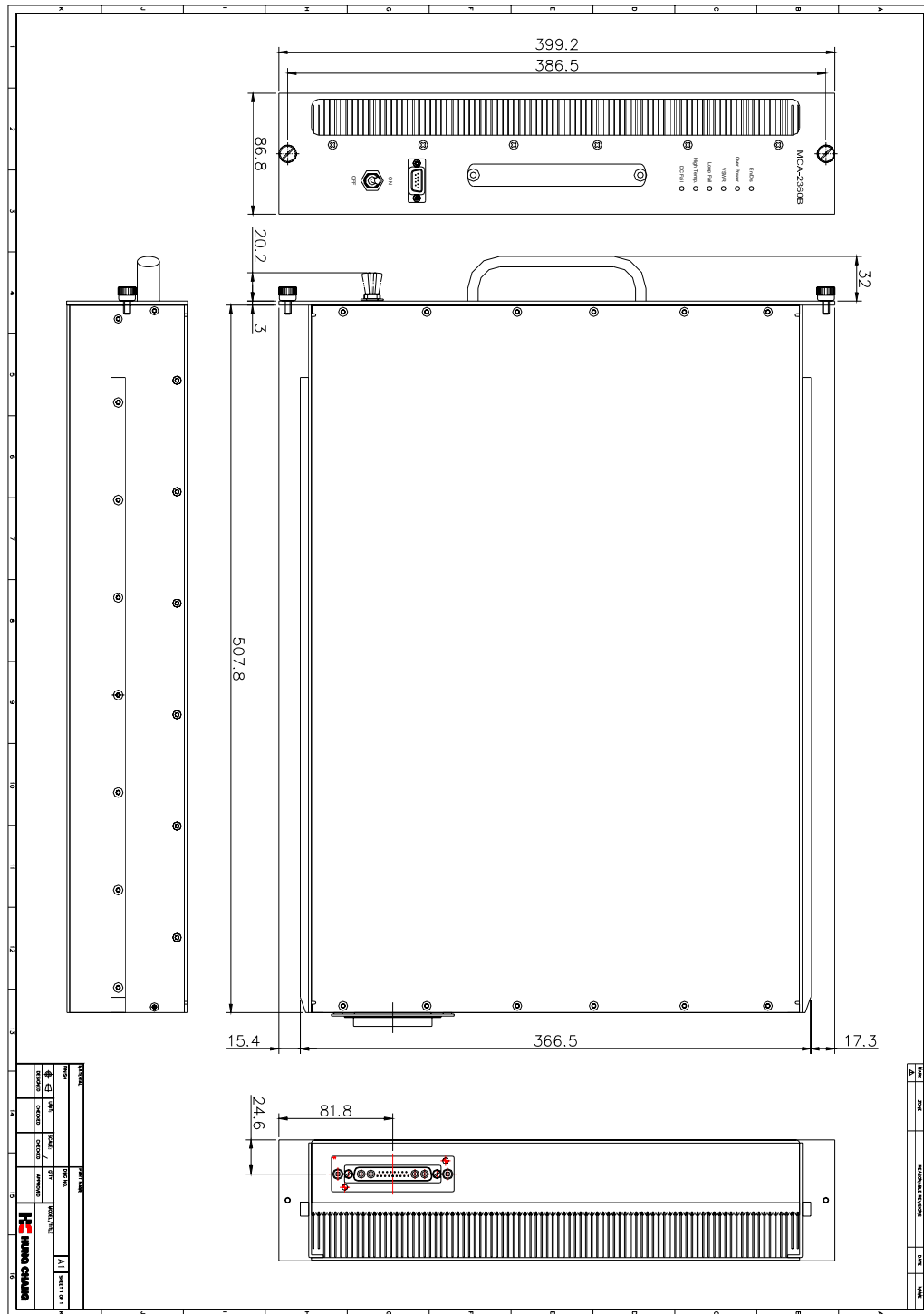
*The GSI's MCA-2360B is world-first 60watts power amplifier for Wi-Bro (**Wireless Broadband Internet**) base stations with the frequency band 2363 through 2990MHz, Wi-Bro, formerly known As 2.3GHz portable Internet, enables people on The move to remain connected to the Internet At the speed of current fixed-line broadband.*

Preliminary

## 1. SPECIFICATION

No.	Item	Dimension	Note
1	Frequency Range	2354~2390MHz	
2	Allowable carriers	4	
3	One carrier bandwidth	9MHz	
4	Power Output(avg.)	>20W	
5	Peak To average ratio	>12dB	
6	Gain	58dB	
7	Gain flatness	+ - 0.25dB	
8	Input Power	-10dBm(+1dB)	
9	Input Dynamic range	-15dBm~10dBm	
10	Switching Speed	<4us	
11	Ultimate noise level for Rx mode	<-84dBm	
12	Linearization method	<u>Feedforward</u> using pilot tone	
13	ACLR	<53dBc	
14	Spurious	<-60dBc	
15	Return loss	>20dB	
16	Impedance	50Ohm	
17	Dc input	27V Single	
18	Cooling method	Shelf back cooling	

## 2. Outline drawing(1)



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### 3. Outline drawing (2)

