

Recognized by the German Regulator  
to act as a Notified Body in accordance with the  
R&TTE Directive 1999/5/EC of 9. March 1999



Bundesnetzagentur

BNetzA-bS-02/51-54

## R&TTE STATEMENT OF OPINION

Registration No. G109667D

Certificate Holder Shenzhen Jiuzhou Himunication Technology Co., Ltd.  
B702, 7F, Jiuzhou Electric Building, Southern No. 12 Road  
Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518057  
P.R. China

Product Designation Handheld Marine Transceiver, Model HM160, HM160A  
Frequency Range: 156.05 – 157.425 MHz  
Rated Power: 5 W / 1 W  
Transmit Power: 36.93 dBm (conducted)  
Modulation Type: FM (analog voice)  
Channel Separation: 25 kHz  
Power Adapter: SW-090100

Product Description Handheld Marine Transceiver, GPS not implemented

Manufacturer Shenzhen Jiuzhou Himunication Technology Co., Ltd.  
B702, 7F, Jiuzhou Electric Building, Southern No. 12 Road  
Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518057  
P.R. China

Essential Requirement	Applied Specifications / Standards	Documentary Evidence	Result
Art. 3.1(a) Health	EN 50360+AC, EN 62209-1/-2 EN 62311	Test Report RXA1304-0027SAR02	conform
Art. 3.1(a) Safety	EN 60950-1+A11+A1+A12	Test Report TRS13030247	conform (see note 1)
Art. 3.1(b) EMC	EN 301 843-1/-2	Test Report TRE1303015802	conform
Art. 3.2 Radio	EN 301 178-1/-2	Test Report TRE1303015801	conform

Note 1: Safety was not assessed for the Power Adapter.

The product shall be marked with the CE conformity marking  
and our Notified Body number as shown on the right.

**CE 0678** 

The scope of evaluation relates to the submitted documents only.

This Statement of Opinion is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC  
of 9<sup>th</sup> March, 1999 and is only valid in conjunction with the attached Annex.

Unterleinleiter,  
2013-06-19



Christoph Schmidt  
Notified Body



### Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>			
Applied Standards	Version	Applied Standards	Version
EN 50360+AC	2006	EN 62209-2	2010
EN 62209-1	2006	EN 62311	2008
Report or Certificate No.	Issue Date	Issued by	
RXA1304-0027SAR02	2013-05-27	TA Technology (Shanghai) Co., Ltd.	
<i>To demonstrate conformity with Article 3.1(a) Safety</i>			
Applied Standards	Version	Applied Standards	Version
EN 60950-1+A11+A1+A12	2011		
Report or Certificate No.	Issue Date	Issued by	
TRS13030247	2013-05-15	Shenzhen Huatongwei International Inspection Co., Ltd.	
Note 1			
<i>To demonstrate conformity with Article 3.1(b) EMC</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 843-1	V1.3.1		
EN 301 843-2	V1.2.1		
Report or Certificate No.	Issue Date	Issued by	
TRE1303015802	2013-05-07	Shenzhen Huatongwei International Inspection Co., Ltd.	
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>			
Applied Standards	Version	Applied Standards	Version
EN 301 178-1	V1.4.1		
EN 301 178-2	V1.2.2		
Report or Certificate No.	Issue Date	Issued by	
TRE1303015801	2013-05-07	Shenzhen Huatongwei International Inspection Co., Ltd.	
<i>Declaration of Conformity</i>			
Signed by		Date	
Oliver Zou		2013-05-29	
<i>Technical Documentation</i>			
Block diagram	External / Internal photos		
Parts list	Component layout		
PCB layout	Operational description		
Schematic diagram			
User Manual			
<i>Notes</i>			
Note 1: Safety was not assessed for the Power Adapter.			