



MET Laboratories, Inc. Safety Certification - EMI - Telecom Environmental Simulation
914 WEST PATAPSCO AVE, • BALTIMORE, MD 21230 • PHONE (410) 354-3300 • FAX (410) 354-3313

NOTIFIED BODY OPINION CERTIFICATE

November 16, 2016

Applicant:
Shenzhen Huaptec Co.,Ltd.
5th FL, E BLDG, Sogood Science Park
Hangkong Road, Xixiang, Bao'an
Shenzhen, China

Manufacturer:
Same as Applicant

Model Number/Name: F23-EDW, F20-EDW, F17-EDW, F13-EDW, F10-EDW, Hi23-EDW, Hi20-EDW, Hi17-EDW, Hi13-EDW, Hi10-EDW

Product Description: Mobile Signal Booster/Wireless Signal Booster/RF Repeater

Serial Number: 01

Hardware Revision: F20H0-5S-V05

Software Revision: V1.0

Frequency Band(s): Uplink: 880 - 915 MHz, 1710~1785MHz for GSM; 1920~1980 MHz for WCDMA;
Downlink: 925 - 960 MHz, 1805~1880MHz for GSM; 2110~2170 MHz for WCDMA

Transmit Power Range(s): Uplink 17dBm, Downlink 23dBm

Modulation Type(s): GMSK, 8-PSK, QPSK


Essential Requirement		Applied Specifications/Standards	Documentary Evidence	Result
Art. 3.1(a)	Safety	EN 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013	Test Report	Conform
Art. 3.1 (a)	Health	EN 50385:2002	Test Report	Conform
Art. 3.1(b)	EMC	ETSI EN 301 489-1 V1.9.2 (2011-09) ETSI EN 301 489-8 V1.2.1 (2002-08) ETSI EN 301 489-23 V1.5.1 (2011-11)	Test Report	Conform
Art. 3.2	Radio	ETSI EN 300 609-4 V10.2.1 (2012-11) ETSI EN 301 908-1 V6.2.1 (2013-04) ETSI EN 301 908-11 V5.2.1 (2011-07)	Test Report	Conform

Examination Result: Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The product shall be labeled with the CE conformity marker and MET Laboratories' Notified Body number, as shown on the right side.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex IV of the R&TTE directive 1999/5/EC of 9 March 1999 and is only valid in conjunction with the attached Annex.


Asad Bajwa
Technical Reviewer
TCB Program, MET Laboratories

Project Number: EMC92508



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Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN 50385: 2002		
Report or Certificate No.	Issue Date	Issued by
LCS1607272304E	08/15/16	Shenzhen LCS Compliance Testing Laboratory Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
IEC 60950-1: 2005 + A1: 2009 + A2: 2013		
EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013		
Report or Certificate No.	Issue Date	Issued by
LCS1601282108S	02/19/16	Shenzhen LCS Compliance Testing Laboratory Ltd.
LCS1607272291S	08/16/16	Shenzhen LCS Compliance Testing Laboratory Ltd.
<i>To demonstrate conformity with Article 3.1(b) EMC</i>		
Applied Standards	Version	
ETSI EN 301 489-1	V1.9.2 (2011-09)	
ETSI EN 301 489-8	V1.2.1 (2002-08)	
ETSI EN 301 489-23	V1.5.1 (2011-11)	
Report or Certificate No.	Issue Date	Issued by
LCS1607272303E	08/15/16	Shenzhen LCS Compliance Testing Laboratory Ltd.
<i>To demonstrate conformity with Article 3.2 Spectrum Efficiency</i>		
Applied Standards	Version	
ETSI EN 300 609-4	V10.2.1 (2012-11)	
ETSI EN 301 908-1	V6.2.1 (2013-04)	
ETSI EN 301 908-11	V5.2.1 (2011-07)	
Report or Certificate No.	Issue Date	Issued by
LCS1607272301E	08/15/16	Shenzhen LCS Compliance Testing Laboratory Ltd.
LCS1607272302E	08/15/16	Shenzhen LCS Compliance Testing Laboratory Ltd.