EMCC ™
DR. RAŠEK

Notified Body Directive 99/5/EC
Notified Body EMC Directive 2004/108/EC
RFCAB under the Japan-EC MRA
FCB under the Canada-EC MRA
TCB under the USA-EC MRA

EC Identification No. 0678

Bundesnetzagentur

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

BNetzA-bS-02/51-54

R&TTE STATEMENT OF OPINION

Registration No.	G110128E
Certificate Holder	M3 MOBILE Co., Ltd. M3 Bldg 8F, 735-45, Yeoksam-dong Kangnam-gu, Seoul South Korea
Product Designation	Portable Data Collection Terminal, Model M3 UL10
Product Description	Portable Data Collection Terminal with GSM, WCDMA, WiFi, Bluetooth and GPS function
Manufacturer	M3 MOBILE Co., Ltd. M3 Bldg 8F, 735-45, Yeoksam-dong Kangnam-gu, Seoul South Korea

Essential Requirement		Applied Specifications / Standards	Documentary Evidence	Result
Art. 3.1(a)	Health	EN 50566, EN 62209-2, EN 62479	Test Report F690501/RF-SAR002193	conform
Art. 3.1(a)	Safety	EN 60950-1+A11+A1+A12	Test Report F690501/RF-SAF006770 Test Report 1898300-3259-0032/171358 Test Report 207340	conform
Art. 3.1(b)	EMC	EN 301 489-1/-3/-7/-17/-24 EN 55022+AC, EN 55024	Test Report F690501/RF-EMG005175	conform
Art. 3.2	Radio	EN 301 511 EN 301 908-1/-2 EN 300 328 EN 301 893 EN 300 440-1/-2	Test Report MDE_CINTE_0902_01 Test Report MDE_CINTE_1107_01 Test Report F690501/RF-RTL007757 Test Report F690501/RF-RTL007756 Test Report F690501/RF-RTL007753 Test Report F690501/RF-RTL007754 Test Report F690501/RF-RTL007755 Test Report F690501/RF-RTL007788	conform

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 9th March, 1999 and is only valid in conjunction with the attached Annex.

Unterleinleiter,
2014-07-14

Klaus Knörig
Notified Body

GERMAN NOTIFIED BODY
DEUTSCHE BENANNTE STELLE

Technical Details

Frequency Range:	GSM 900 / DCS 1800 WCDMA Band I: 1920 – 1980 MHz (Uplink) 2110 – 2170 MHz (Downlink) 2412 – 2472 MHz (WiFi 802.11b/g) 5180 – 5240 MHz (WiFi 802.11a – Non DFS) 5260 – 5320 MHz (WiFi 802.11a – DFS) 5500 – 5700 MHz (WiFi 802.11a – DFS) 2402 – 2480 MHz (Bluetooth) 1575.42 MHz (GPS receiver)
Transmit Power:	2 W (GSM) / 1 W (DCS) 24 dBm (WCDMA) 13.89 dBm EIRP (2.4GHz WiFi) 11.89 dBm EIRP (5 GHz WiFi) 1.92 dBm EIRP (Bluetooth)
Modulation Type:	GMSK (GSM) QPSK (WCDMA) DSSS, OFDM (WiFi) GFSK, π/4-DQPSK, 8-DPSK (Bluetooth)
Hardware Version:	ES V0.2
Software Version:	S4STHV6199EN
Power Adapter:	ATS030-A050
Docking Cradle:	M3 UL10 Cradle

Technical Construction File (TCF) Details

To demonstrate conformity with Article 3.1(a) Health			
Applied Standards	Version	Applied Standards	Version
EN 50566	2013	EN 62479	2010
EN 62209-2	2010		
Report or Certificate No.	Issue Date	Issued by	
F690501/RF-SAR002193	2014-06-23	SGS Korea Co., Ltd.	
To demonstrate conformity with Article 3.1(a) Safety			
Applied Standards	Version	Applied Standards	Version
EN 60950-1+A11+A1+A12	2011		
Report or Certificate No.	Issue Date	Issued by	
F690501/RF-SAF006770	2014-06-30	SGS Korea Co., Ltd.	
1898300-3259-0032/171358	2012-09-20	VDE Prüf- und Zertifzierungsinstitut GmbH	
207340	2012-05-17	Nemko Taiwan	
To demonstrate conformity with Article 3.1(b) EMC			
Applied Standards	Version	Applied Standards	Version
EN 301 489-1	V1.9.2	EN 301 489-24	V1.5.1
EN 301 489-3	V1.4.1	EN 55022+AC	2011
EN 301 489-7	V1.3.1	EN 55024	2010
EN 301 489-17	V2.2.1		
Report or Certificate No.	Issue Date	Issued by	
F690501/RF-EMG005175	2014-07-08	SGS Korea Co., Ltd.	
To demonstrate conformity with Article 3.2 Spectrum Efficiency			
Applied Standards	Version	Applied Standards	Version
EN 301 511	V9.0.2	EN 301 893	V1.7.1
EN 301 908-1	V5.2.1	EN 300 440-1	V1.6.1
EN 301 908-2	V5.2.1	EN 300 440-2	V1.4.1
EN 300 328	V1.8.1		
Report or Certificate No.	Issue Date	Issued by	
MDE_CINTE_0902_01	2010-11-29	7 layers AG	
MDE_CINTE_1107_01	2011-10-21	7 layers AG	
F690501/RF-RTL007757	2014-06-24	SGS Korea Co., Ltd.	
F690501/RF-RTL007756	2014-06-24	SGS Korea Co., Ltd.	
F690501/RF-RTL007753	2014-06-24	SGS Korea Co., Ltd.	
F690501/RF-RTL007754	2014-06-24	SGS Korea Co., Ltd.	
F690501/RF-RTL007755	2014-06-24	SGS Korea Co., Ltd.	
F690501/RF-RTL007788	2014-07-02	SGS Korea Co., Ltd.	
Declaration of Conformity			
Signed by		Date	
Joo-Heon, Kwon		2014-07-08	
Technical Documentation			
Block diagram	Schematic diagram	External / Internal photos	
Parts list	User Manual		