

Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 1 of 12

FCC Test Report

Applicant : Gopod Group Limited.

Address 6/F., 235 Wing Lok Trade Centre, Sheung Wan,

Hong Kong

Product Name : Magnetic Car Wireless Charger

Report Date : Jul. 20, 2023

Shenzhen Anbotek Con pha



Laboratory Limited







Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 2 of 12

Contents

1. General Information		.And		nbo, 5
1.1. Client Information	Pr.	upote.	Yur	5
1.2. Description of Device (EUT)	And	botek	Anbor	5
1.3. Auxiliary Equipment Used During Test	Anbo	h. Motek	Aupole	6
1.4. Test Equipment List	otek Anbot	P.U.P.	Khotel	6
1.5. Measurement Uncertainty		ootek Anbo		
1.6. Description of Test Facility	Yupo, W.	untek Anb	ore. And	6
2. Measurement and Result	Anbore	An nek	botek A	7
2.1. Requirements	achotek.	Aupr.	otek	<u>Anbor</u>
2.2. Test Setup	4 dotek	Anbore	Yu.	8
2.3. Test Procedure	An	k "poter	Anbo	9
2.4. Test Result	oter And	/s/ord	Anbore	9
APPENDIX I TEST SETUP PHOTOGRAPH	notek prit	ore All	odo, Yan	12
APPENDIX II EXTERNAL PHOTOGRAPH	Wek.	apoter Aup	· · · · · · · · · · · · · · · · · · ·	12
APPENDIX III INTERNAL PHOTOGRAPH				1.0





Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 3 of 12

TEST REPORT

Applicant : Gopod Group Limited.

Manufacturer : Gopod Group Holding Limited

Product Name : Magnetic Car Wireless Charger

Model No. : D677A3, T605F, Z677

Trade Mark : Gmobi

Rating(s) : Input: 5V= 2A, 9V= 2.22A Wireless output: 5W/7.5W/15W

Test Standard(s) : FCC Part 1.1310, 1.1307(b)

Test Method(s) : KDB680106 D01 RF Exposure Wireless Charging Apps v03r01

TCB Workshop November 2019

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 1.1307 & KDB680106 D01 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt Jun. 12, 2023

Date of Test Jun. 12~20, 2023

Prepared By (Ella Liang)

tek Aupotes Aupo ek apotek Aupois Will Olek

Approved & Authorized Signer

(Kingkong Jin)



Ella





Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 4 of 12

Revision History

Report Version			Description			Issued Date			
R00			Original Issue.			Jul. 20, 2023			
nbotek	Anbore	bu.	otek	Anborer	Aug	nbotek	Aupor	Pur Pole	
Pr.	sk vapote,	V.L.	40.	hotek	Anbo	A. Stelk	, upole,	Ville	





1. General Information

1.1. Client Information

Applicant		Gopod Group Limited.
Applicant	·	Gopou Group Limited.
Address	:	6/F., 235 Wing Lok Trade Centre, Sheung Wan, Hong Kong
Manufacturer	:	Gopod Group Holding Limited
Address	:	301, 4/F, 5/F, 6/F, Building#8 & 6/F, 7/F, Tower#C, Lian Jian Industrial Park II, Shang Henglang Community, DaLang St, LongHua Dist, Shenzhen
Factory	:	Gopod Group Holding Limited
Address		301, 4/F, 5/F, 6/F, Building#8 & 6/F, 7/F, Tower#C, Lian Jian Industrial Park II, Shang Henglang Community, DaLang St, LongHua Dist, Shenzhen

1.2. Description of Device (EUT)

Product Name	:	Magnetic Car Wireless Charger
Model No.	:	D677A3, T605F, Z677 (Note: All samples are the same except for model number, so we prepare "D677A3" for testing only.)
Trade Mark	:	Gmobi notek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 12V
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A of the Andrew Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	110.1~360kHz
Modulation Type	:	FSK Anbotek Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	Inductive loop coil Antenna
Antenna Gain(Peak)	:	0 dBi (Provided by customer)
Remark: 1) For a more	e d	detailed features description, please refer to the manufacturer's specifications

Shenzhen Anbotek Compliance Laboratory Limited

or the User's Manual.







Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 6 of 12

1.3. Auxiliary Equipment Used During Test

Description	Rating(s)
Car Charger	Input: DC 12-24V
Anbo, ok hote	Output: USB-C: 5V 3A, 9V 2.22A,12V 1.67A
Anbore. Ans	USB-A: 5V-3A, 9V-2A,12V-1.5A
k anbotek Ant	Total: 38W(max)
Wireless charging lo	pad: Manufacturer: Shenzhen Ouju Technology Co., Ltd.
o burn ofek	M/N: CD2531
hoter Anbo	Power: 5W/7.5W/10W/15W

1.4. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
o ^k 1	Electric and Magnetic field	NARDA	EHP-200A	180ZX10202	Oct. 17, 2022	1 Year
rotek	Analyzer	ek abotek	Anbo.	A. otek	Aupore, I	int .ek

1.5. Measurement Uncertainty

	Magnetic Field Reading(A/m)	:	+/-0.04282(A/m)	Anbotek	Anbotek	Anborek	Anbotek
,c	Electric Field Reading(V/m)	:	+/-0.03679(V/m)	k Anbotei.	Anbotek	Anbotek	Anbo

1.6. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. 518128



Hotline 400–003–0500 www.anbotek.com.cn



Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 7 of 12

2. Measurement and Result

2.1. Requirements

According to the item 5.b) of KDB 680106 D01v03:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

- 1) Power transfer frequency is less that 1 MHz
- 2) Output power from each primary coil is less than or equal to 15 watts.
- 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
- 4) Client device is inserted in or placed directly in contact with the transmitter
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
- 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Limits For Maximum Permissible Exposure (MPE)

710	V ()	Mo. h.		V.U.
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm²)	Averaging time (minutes)
	(A) Limits for Occ	cupational/Controlled Ex	posures	
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	1	1	f/300	6
1500-100,000	1	1	5	6
	(B) Limits for Genera	l Population/Uncontrolle	ed Exposure	
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	1	1	f/1500	30
1500-100,000	1	1	1.0	30

F=frequency in MHz

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).



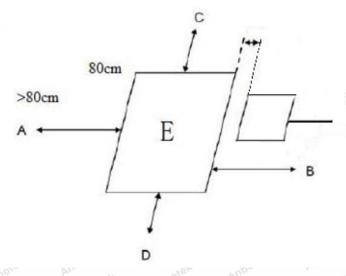


^{*=}Plane-wave equivalent power density



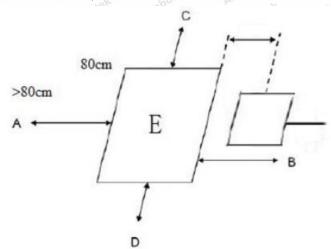
Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 8 of 12

2.2. Test Setup



Note:

H-field data are taken along all three axes the device, from 0 cm to 10 cm, in 2 cm minimum increment measured from the edge of the device, with one axis coincident with the axis of the main coil.



Note: Measurements should be made at 15 cm surrounding the EUT and 20cm above the top surface of the EUT. (probe radius is 4.75cm)





Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 9 of 12

2.3. Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at required test distance (from 0 cm to 10 cm, in 2 cm minimum increment) which is between the edge/top surface of the charger and the edge of probe. and the measurement probe was placed at required test distance 15cm and 20cm which is between the edge of the charger and the geometric center of probe.
- The highest emission level was recorded and compared with limit as soon as measurement of each points
 - (A, B, C, D, E) were completed.(A is the right, B is the back, C is the left, D is the front, and E is the top.)
- 4) The EUT was measured according to the dictates of TCB Workshop November 2019 and KDB 680106 D01 v03r01.

Remark:

The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.4. Test Result

- 2.4.1. Equipment Approval Considerations item 5.b of KDB 680106 D01 v03.
- 1) Power transfer frequency is less that 1 MHz
- The device operate in the frequency range 110.1~360kHz.
- 2) Output power from each primary coil is less than 15 watts
 - The maximum output power of the primary coil is 15W.
- 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
- The transfer system including a charging system with only single primary coils is to detect and allow only between individual pairs of coils.
- 4) Client device is inserted in or placed directly in contact with the transmitter
- Client device is placed directly in contact with the transmitter.
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
 - The EUT is a Mobile exposure conditions
- 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.
 - Conducted the measurement with the required distance and the test results please refer to the section 2.4.







2.4.2. Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(b), 1.1310

Temperature:	22.5°C	Relative Humidity:	49 %	
Pressure:	1012 hPa	Test Voltage:	DC 12V	

Between the edge/top surface of the charger and the edge of probe

H-Field Strength:

T T TOTA OUT	nigui.	Ya	700,	pe.		46. V.	/P	Yar	PO.
Test distance	Battery power	Frequency Range (kHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
Pupe	1%	110.1-360	0.058	0.061	0.102	0.048	0.091	0.815	1.63
rek An	50%	110.1-360	0.635	0.423	0.439	0.402	0.451	0.815	1.63
0cm	99%	110.1-360	0.642	0.447	0.484	0.429	0.472	0.815	1.63
hoc rek	Stand-by	110.1-360	0.217	0.235	0.200	0.180	0.197	0.815	1.63
Aupore	1%	110.1-360	0.043	0.047	0.088	0.033	0.076	0.815	1.63
Anbore	50%	110.1-360	0.642	0.430	0.446	0.409	0.457	0.815	1.63
2cm	99%	110.1-360	0.633	0.438	0.477	0.420	0.465	0.815	1.63
ok ~	Stand-by	110.1-360	0.211	0.228	0.194	0.174	0.191	0.815	1.63
, bu	1%	110.1-360	0.053	0.059	0.101	0.044	0.087	0.815	1.63
poter	50%	110.1-360	0.633	0.420	0.437	0.399	0.446	0.815	1.63
4cm	99%	110.1-360	0.637	0.441	0.480	0.424	0.468	0.815	1.63
hotek	Stand-by	110.1-360	0.201	0.219	0.187	0.165	0.183	0.815	1.63
Arr. Oto	1%	110.1-360	0.048	0.054	0.097	0.039	0.078	0.815	1.63
Anbe	50%	110.1-360	0.632	0.419	0.436	0.397	0.444	0.815	1.63
6cm	99%	110.1-360	0.635	0.440	0.477	0.421	0.465	0.815	1.63
otek p	Stand-by	110.1-360	0.198	0.217	0.183	0.163	0.182	0.815	1.63
Anbotek	1%	110.1-360	0.038	0.044	0.088	0.030	0.069	0.815	1.63
Aupo	50%	110.1-360	0.634	0.421	0.440	0.399	0.448	0.815	1.63
8cm	99%	110.1-360	0.628	0.432	0.469	0.411	0.457	0.815	1.63
Anbote	Stand-by	110.1-360	0.201	0.219	0.185	0.165	0.183	0.815	1.63
lk sape	1% M	110.1-360	0.039	0.043	0.089	0.029	0.071	0.815	1.63
1000	50%	110.1-360	0.624	0.411	0.429	0.389	0.436	0.815	1.63
10cm	99%	110.1-360	0.636	0.439	0.476	0.417	0.464	0.815	1.63
upoten	Stand-by	110.1-360	0.219	0.216	0.185	0.168	0.182	0.815	1.63





Between the edge of the charger and the geometric center of probe

H-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

Battery power	Frequency Range (kHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (A/m)
1%,,,,,,,,,	110.1-360	0.031	0.034	0.077	0.021	0.063	0.031	1.63
50%	110.1-360	0.625	0.413	0.429	0.389	0.437	0.625	1.63
99%	110.1-360	0.624	0.427	0.464	0.410	0.451	0.624	1.63
Stand-by	110.1-360	0.221	0.218	0.189	0.171	0.186	0.221	1.63

Note: All modulation and situation(full load, half load and empty load) has been tested, only the worst situation (full load 15W) was recorded in the report.





Report No.: 18220WC30117402 FCC ID: 2AQZH-D677A3 Page 12 of 12

APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_MPE

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

