



TEST REPORT

Reference No. : WTU26D02040332W006
Manufacturer* : Coolr Group Inc
Address : 4451 Brookfield Corporate Dr. Suite 111, Chantilly, VA 20151, USA
Factory : MIOT Wireless Solutions Co., Ltd.
Address : Room 602, Building No.14, InnoWing Valley, No.135 Zhangji Road,
Kunshan, Suzhou, Jiangsu, China.
Product : VistaZ
PMN : VistaZ Power, VistaZ Go
Model(s) : CVP-0401, CVG-0401
Standards : EN IEC 62311:2020
EN 50665:2017
Date of Receipt Sample ... : 2026-02-26
Date of Test : 2026-03-11 to 2026-03-24
Date of Issue : 2026-03-31
Test Result : **Pass**

Remarks:

1. The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.
2. “*” **manufacturer** means any natural or legal person who manufactures radio equipment or has radio equipment designed or manufactured, and markets that equipment under his name or trade mark.

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3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTU26D02040332W006	2026-02-26	2026-03-11 to 2026-03-24	2026-03-31	Original	-	Valid

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4 General Information

4.1 General Description of E.U.T.

Product:	VistaZ
Model(s):	CVP-0401, CVG-0401
Model Description:	Only the model name, power supply configurations and PMN are different. These devices will be listed in the application under the following exact model numbers: CVP-0401 (Marketed as: VistaZ Power) CVG-0401 (Marketed as: VistaZ Go) The only differences between these two models are strictly related to the power supply configurations: CVP-0401 utilizes a DC power input of up to 24V and includes an internal battery for backup power. CVG-0401 utilizes [3xAA batteries based power supply without the 24V DC input]. The model CVP-0401 was tested in this report.
Bluetooth Version:	v5.1
Wi-Fi Specification:	2.4G-802.11b/g/n HT20
Hardware Version:	V2.0 Rev0.3
Software Version:	v06.04.51

4.2 Details of E.U.T.

Operation Frequency:	LE: 2402-2480MHz 2.4G Wi-Fi: 802.11b/g/n HT20: 2412-2472MHz LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz LTE Band 5: Tx: 824-849MHz, Rx: 869-894MHz LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz LTE Band 8: Tx: 880-915MHz, Rx: 925-960MHz LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz LTE Band 34: Tx: 2010-2025MHz, Rx: 2010-2025MHz LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz LTE Band 41: Tx: 2496-2690MHz, Rx: 2496-2690MHz
Max. RF output power:	LE 1M: 7.21dBm EIRP, LE 2M: 7.21dBm EIRP 2.4G Wi-Fi: 15.66dBm EIRP LTE Band 1: 25dBm LTE Band 3: 25dBm LTE Band 5: 25dBm LTE Band 7: 25dBm LTE Band 8: 25dBm LTE Band 20: 25dBm LTE Band 28: 25dBm LTE Band 34: 25dBm



Type of Modulation:	LTE Band 38: 25dBm LTE Band 40: 25dBm LTE Band 41: 25dBm LE: GFSK 2.4G Wi-Fi: DSSS, OFDM LTE: QPSK, 16QAM
Antenna installation:	LE: Ceramic Antenna 2.4G Wi-Fi: Ceramic Antenna LTE: Stainless steel antenna
Antenna Gain:	LE: 2.93dBi 2.4G Wi-Fi: 3.77dBi LTE Band 1: 3.09dBi LTE Band 3: 1.50dBi LTE Band 5: 0.25dBi LTE Band 7: 2.77dBi LTE Band 8: -1.88dBi LTE Band 20: 0.25dBi LTE Band 28: 0.72dBi LTE Band 34: -3.73dBi LTE Band 38: 2.33dBi LTE Band 40: 2.26dBi LTE Band 41: 2.96dBi

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings:

DC 12-24V for CVP-0401

Battery:

DC 3.7V by battery for CVP-0401

DC 4.5V by 3*AA battery for CVG-0401



5 Test Summary

HEALTH PART		
Test Items	Test Requirement	Result
RF Exposure	EN IEC 62311 and EN 50665	PASS
Remark: N/A: Not Applicable RF: In this whole report RF means Radio Frequency.		

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6 Health Requirements

6.1 Limits

According to Council Recommendation: the criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation.

Reference levels for electric, magnetic and electromagnetic fields (0Hz to 300GHz, unperturbed RMS values)

Frequency range	E-field strength (V/m)	H-field strength (A/m)	B-field (μT)	Equivalent plane wave power density Seq (W/m2)
0-1 Hz	-	3.2×10^4	4×10^4	-
1-8 Hz	10000	$3.2 \times 10^4 / f^2$	$4 \times 10^4 / f^2$	-
8-25 Hz	10000	$4000 / f$	$5000 / f$	-
0.025-0.8 kHz	$250 / f$	$4 / f$	$5 / f$	-
0.8-3 kHz	$250 / f$	5	6.25	-
3-150 kHz	87	5	6.25	-
0.15-1 MHz	87	$0.73 / f$	$0.92 / f$	-
1-10 MHz	$87 / f^{1/2}$	$0.73 / f$	$0.92 / f$	-
10-400 MHz	28	0.073	0.095	2
400-2000 MHz	$1.375 f^{1/2}$	$0.0037 f^{1/2}$	$0.0046 f^{1/2}$	$f / 200$
2-300 GHz	61	0.16	0.2	10

Note:

1. f as indicated in the frequency range column.
2. For frequencies between 100 kHz and 10 GHz, Seq, E^2 , H^2 and B^2 are to be averaged over any six-minute period.
3. For frequencies exceeding 10 GHz, Seq, E^2 , H^2 and B^2 are to be averaged over any $68 / f^{1.05}$ minute period (f in GHz).



6.2 RF Exposure Evaluations

From Council Recommendation 1999/519/EC table 2, the maximum power density is 10 W/m².

Power density (S) is calculated by the following formula:

$$S = PG \cdot \text{Duty factor} / 4\pi R^2$$

P = Peak Power Input to antenna (Watts)

G = Antenna Gain (numeric)

R = distance to the center of radiation of antenna (in meter) = 0.20 m

Note:

1) $P \text{ (Watts)} = (10^{(\text{dBm} / 10)}) / 1000$

2) $G \text{ (Antenna gain in numeric)} = 10^{(\text{Antenna gain in dBi} / 10)}$

3) Duty factor = 1.0

4) $\pi = 3.142$

6.3 Test Result of RF Exposure Evaluation

Mode	Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (W)	Duty factor	Calculated RF Exposure (W/ m ²)	Limit (W/ m ²)
LE	2.93	1.96	4.28	0.003	1.0	0.0105	10
2.4G Wi-Fi	3.77	2.38	11.89	0.015	1.0	0.0732	10
LTE Band 1	3.09	2.04	25	0.316	1.0	1.2814	9.61
LTE Band 3	1.50	1.41	25	0.316	1.0	0.8885	8.55
LTE Band 5	0.25	1.06	25	0.316	1.0	0.6663	4.12
LTE Band 7	2.77	1.89	25	0.316	1.0	1.1903	10
LTE Band 8	-1.88	0.65	25	0.316	1.0	0.4080	4.40
LTE Band 20	0.25	1.06	25	0.316	1.0	0.6663	4.17
LTE Band 28	0.72	1.18	25	0.316	1.0	0.7425	3.52
LTE Band 34	-3.73	0.42	25	0.316	1.0	0.2665	10
LTE Band 38	2.33	1.71	25	0.316	1.0	1.0757	10
LTE Band 40	2.26	1.68	25	0.316	1.0	1.0585	10
LTE Band 41	2.96	1.98	25	0.316	1.0	1.2436	10

=====End of Report=====