

FCC 47 CFR MPE REPORT

NIMBLE FOR GOOD, PBC.

VALET 3-IN-1 WIRELESS CHARGER

Model Number: NB-WP-3N1VLT

FCC ID: 2AZIO-VALETA

Applicant:	NIMBLE FOR GOOD, PBC.			
Address:	1008 Brioso Drive, Costa Mesa, California 92627, United States			
Prepared By:	EST Technology Co., Ltd.			
	Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China			
Tel: 86-769-83081888-808				

Report Number:	ESTE-R2408200
Date of Test:	Aug. 09, 2024~ Aug. 23, 2024
Date of Report:	Aug. 27, 2024



A							
Applicant:	NIMBLE FOR GOOD, PBC.						
Address:	1008 Brioso Drive, Costa Mesa, California 92627, United States						
Manufacturer:	PYS High-Tech Co., Li	PYS High-Tech Co., Ltd.					
Address:	1F~12F, Block 9, Lianhua Industrial Zone, Longhua, Shenzhen,						
Factory 1:	PYS High-Tech Co., Lt	РТЭ ПIGN-IECN CO., LTO.					
Address:	1F~12F, Block 9, Lianh	nua Industrial Zo	ne, Longhua, Shenzhen,				
	Guangdong 518109 C	HINA					
Factory 2:	PYS VIETNAM TECHNOLOGY COMPANY LIMITED						
Address:	CN-06, ThuanThanh II industrial zone, Mao Dien commune,						
	ThuanThanh district, BacNinh, Vietnam						
E.U.T:	VALET 3-IN-1 WIRELESS CHARGER						
Model Number:	NB-WP-3N1VLT						
Power Supply:	Input: DC 5V/3A; DC 9V/3A; DC 12V/3A						
Trade Name:	Nimble	Serial No.:					
Date of Receipt:	Aug. 09, 2024	Date of Test:	Aug. 09, 2024~ Aug. 23, 2024				
FCC CFR 47 Part 1.1307(b)&1.1310							
rest opecification.	KDB 680106 D01 RF Exposure Wireless Charging Apps v04r01						
Test Result:	The device described above is tested by EST Technology Co., Ltd.						
	The measurement results were contained in this test report and EST						
	Technology Co., Ltd. v	vas assumed fu	Ill responsibility for the accuracy				
	and completeness of the	nese measurem	ents. Also, this report shows that				
	the EUT to be techn	ically compliand	ce with the FCC CFR 47 Part				
	1.1307(b)&1.1310 req	uirements.This	report applies to above tested				
	sample only and shall r	not be reproduce	ed in part without written approval				
	of EST Technology Co.	, Ltd.					
			Date: Aug. 27, 2024				
Prepared by:	Reviewed by	r:	Approved by:				
<u> </u>			SECTION				
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Ring Yang / Assistant	Seven Wang / E	ingineer	Iceman Hu / Manager				
Other Aspects: Non	e.	V					
Abbreviations: OK/P=pass	ed fail/F=failed n.a/N	l=not applicable	E.U.T=equipment under tested				
This test report is based or	n a single evaluation of one s	ample of above me	ntioned products ,It is not permitted to				
be duplicated in extracts w	ithout written approval of EST	T Technology Co., L	td.				
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1. Summary of test

1.1. Summary of test result

No.	Description of Test Item	FCC Standard Section	Results
1	Maximum Permissible Exposure	Part 1.1307(b)&1.1310	PASS

1.2. Test Mode

Test Item	Test Mode					
		Full load				
	Phone: 15W+Airpods	Half load				
	500 HWatch 5.500	No load				
Maximum Permissible	Dhono: 15W	Full load				
Exposure	Phone. 15W	Half load				
	Airpada E\A/	Full load				
	Allpous Svv	Half load				
		Full load				
		Half load				
Note: All mode have been tested, only the worst case 15W+ 5W+ 3.5W full load test data						
record in the report.						

1.3. Test Equipment List

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.	
Electric and Magnetic Field Probe-Analyzer	Narda S.T.S./PMM	EHP-200A	EST-E106	June 13,24	1 Year	
Test Software	Narda	EHP200-T S	Rel 1.92	N/A	N/A	
Note: Test uncertainty: ±1.62 dB (H-field);±1.64 dB (E-field) at a level of confidence of 95%.						

1.4. Assistant equipment used for test

ltem	Equipment	Brand	Model Name/Type No.	FCC ID	Series No.
А	Adapter	-	HKAP3891B-36US	-	-
В	Wireless load	-	YBZ BPP	-	-
С	iWatch	-	A1889	-	-
D	Wireless load	-	CPS4041_MPP_RX_V1.0.1	-	-

Item Type Ferrite Core Length Name/Type No. Note	ltem	Shielded Type	Ferrite Core	Length	Model Name/Type No.	Note
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	1	NO	NO	1.5m	-	DC Cable			
2.	Maximum	Permissil	ole Expo	sure					
2 1	- 21 Limit								
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		Limits	for Maximu	um Permissible	Exposure (MPE)				
	Frequency range (MHz)	/ Elect stre	ric field ength //m)	Magnetic field strength (A/m)	Power density (mW/cm2)	Averaging time (minutes)			
	(A) Limits for Occupational/Controlled Exposure								
	0.3-3.0	6	514	1.63	*100	6			
	3.0-30	18	842/f	4.89/f	*900/f ²	6			
	30-300	6	1.4	0.163	1.0	6			
	300-1,500				f/300	6			
	1,500-100,00	00			5	6			
		(B) Limits	for Genera	I Population/Und	controlled Expos	sure			
	0.3-1.34	6	514	1.63	*100	30			
	1.34-30	8	24/f	2.19/f	*180/f ²	30			
	30-300	2	7.5	0.073	0.2	30			
	300-1,500				f/1500	30			
	1,500-100,00	00			1.0	30			

Note:f = frequency in MHz * = Plane-wave equivalent power density.

2.2. Test Setup





2.3. Test Procedure

a. The test was performed on 360 degree turn table in anechoic chamber.

b. The probe was placed at 20 cm surrounding, for test setup.

c. The highest emission level was recorded and compared with limit as soon as measurement of each point; A, B, C, D, E were completed.

2.4. Equipment Approval Considerations

Inductive wireless power transfer applications with supporting field strength results and meeting all of the following requirements are not required to submit a KDB inquiry for devices approved using SDoC or a PAG for equipment approved using certification to address RF exposure compliance.

	Power transfer frequency is less than 4 MHz
1	YES; the device operated in the frequency range from 110.5-205KHz;
	326.5KHz; 360KHz.
c c	Output power from each primary coil is less than or equal to 15 watts
2	YES; the maximum output power of the primary coil is 15W.
	The system may consist of more than one source primary coils, charging
2	one or more clients. If more than one primary coil is present, the coil pairs
3	may be powered on at the same time.
	YES; The EUT has three source primary coils
1	Client device is placed directly in contact with the transmitter.
4	YES; Client device is placed directly in contact with the transmitter.
	Mobile exposure conditions only (portable exposure conditions are not
5	covered by this exclusion).
	YES; Mobile exposure conditions only.
	The aggregate H-field strengths anywhere at or beyond 20 cm surrounding the
	device, and 20 cm away from the surface from all coils that by design can
6	simultaneously transmit, and while those coils are simultaneously energized, are
	demonstrated to be less than 50% of the applicable MPE limit.
	YES; The EUT field strength levels are 50% x MPE limts.



2.5. Test Result for Test setup :

E-field strength					
Test Direction Measuring		Test Frequency			
Test Direction	Distance	110.5-205KHz	326.5KHz	360KHz	
Position A(V/m)	20cm	0.794	0.376	1.431	
Position B(V/m)	20cm	0.834	0.464	1.543	
Position C(V/m)	20cm	0.964	0.634	1.083	
Position D(V/m)	20cm	0.654	0.574	1.432	
Position E(V/m)	20cm	0.787	0.464	1.337	
Limits (V/	m)	614			
H-field strength					
Test Direction	Measuring	Test Frequency			
Test Direction	Distance	113KHz	326.5KHz	360KHz	
Position A(A/m)	20cm	0.054	0.048	0.053	
Position B(A/m)	20cm	0.049	0.047	0.051	
Position C(A/m)	20cm	0.057	0.052	0.047	
Position D(A/m)	20cm	0.051	0.061	0.063	
Position E(A/m)	20cm	0.048	0.045	0.049	
Limits (A/	m)		1.630		

3. Test photo



End of Test Report