

est vo	oltage:	DC 1	9V			Cherry .				
nt. Po	ol.	Horiz	Horizontal							
est M		TX 8	02.11b Mod	e 2462MHz						
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.0	<u> </u>	4400.00 Freq.	6100.00 780 Reading Level	00.00 (MHz) Correct Factor	11200.00 125 Measure- ment	900.00 1460 Limit	0.00 16300.0 Over	00 18000.		
.0	<u> </u>		Reading	Correct	Measure-		Over			
1000.00	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detecto		
No.	Mk. 492	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detecto		
No.	Mk. 492 738	Freq. MHz 23.600	Reading Level (dBuV) 55.29	Correct Factor (dB/m) -5.60	Measure- ment (dBuV/m) 49.69	Limit (dBuV/m) 74.00	Over (dB) -24.31	Detecto peak peak		
No.	Mk. 492 738 984	Freq. MHz 23.600 85.200	Reading Level (dBuV) 55.29 46.83	Correct Factor (dB/m) -5.60 0.47	Measure- ment (dBuV/m) 49.69 47.30	Limit (dBuV/m) 74.00 74.00	Over (dB) -24.31 -26.70	Detecto peak peak peak		
No.	Mk. 492 738 984 1310	Freq. MHz 23.600 85.200 48.500	Reading Level (dBuV) 55.29 46.83 41.09	Correct Factor (dB/m) -5.60 0.47 3.74	Measure- ment (dBuV/m) 49.69 47.30 44.83	Limit (dBuV/m) 74.00 74.00 74.00	Over (dB) -24.31 -26.70 -29.17	Detecto peak peak peak peak		

Measurement = Reading level + Correct Factor



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Test Mode: TX 802.1				11b Mode 2462MHz							
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	2700.00	4400.00	6100.00	780	0.00 (MHz)	11200.00	12900.00	14600	.00 16	300.0	0 18000.
.0	2700.00	4400.00	6100.00	780	0.00 (MHz)	11200.00	12900.00	14600	1.00 16	300.0	0 18000.
0.0	2700.00	4400.00			0.00 (MHz)	11200.00 Measure)-		1.00 16:	300.0	0 18000.
)	7		Read	ing	Correct	Measure)-	14600 nit			0 18000.
1000.000	7	Freq.	Read Lev	ing rel	Correct Factor	Measure ment	 Lir	nit	Ove	er	
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0.0	Лk.	Freq.	Read Lev	ing rel V)	Correct Factor	Measure ment)- Lir (dBu	nit	Ove	er)	
0 0.0 1000.000 No. N	Лк. 49	Freq. MHz	Read Lev (dBu)	ing vel V) 34	Correct Factor (dB/m)	Measure ment (dBuV/m)	÷- Lir (dBu 74	nit JV/m)	Ove (dB)	er) 76	Detecto
No. N	Лк. 49 59	Freq. MHz 23.600	Readi Lev (dBu) 51.8	ing rel V) 34	Correct Factor (dB/m) -5.60	Measure ment (dBuV/m) 46.24	- Lir (dBu 74	mit ıV/m) .00	Ove (dB) -27.	er 76 37	Detecto peak peak
No. N 1 2	Ик. 49 59 73	Freq. MHz 23.600 92.900	Readi Lev (dBu 51.8 46.4	ing rel V) 34 4 2	Correct Factor (dB/m) -5.60 -3.81	Measure ment (dBuV/m) 46.24 42.63	- Lir (dBu 74 74 74	mit JV/m) .00	Ove (dB) -27. -31.	er 76 37 90	Detecto peak peak peak
No. N 1 2 3	Ик. 49 59 73 98	Freq. MHz 23.600 92.900 86.900	Readi Lev (dBu 51.8 46.4 43.6	ing vel V) 34 4 32 54	Correct Factor (dB/m) -5.60 -3.81 0.48	Measure ment (dBuV/m) 46.24 42.63 44.10	- Lir (dBu 74 74 74 74 74	mit IV/m) .00 .00	Ove (dB) -27. -31. -29.	er 76 37 90 72	Detecto peak peak

Measurement = Reading level + Correct Factor



3.8. Conducted Emission

Limit

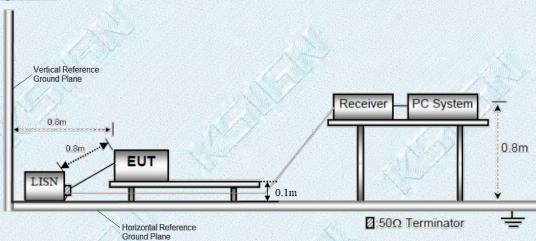
Conducted Emission Test Limit

Francis	Maximum RF Line Voltage (dBµV)				
Frequency	Quasi-peak Level	Average Level			
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *			
500kHz~5MHz	56	46			
5MHz~30MHz	60	50			

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Configuration



Test Procedure

- 1. The EUT was setup according to ANSI C63.10:2013 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 0.1m above the conducting ground plane. The vertical conducting plane was located 80 cm to the rear of the EUT. All other surfaces of EUT were at least 0.8m from any other grounded conducting surface.
- The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50ohm /50uH coupling impedance for the measuring equipment.
 The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 7. During the above scans, the emissions were maximized by cable manipulation.

Test Mode:

Please refer to the clause 2.2.

Test Results

Pre-scan 802.11b/g/n(HT20/HT40) modulation, and found the 802.11g modulation 2412MHz which it is worse case, so only show the test data for worse case.

Fest Voltage:	AC 120)V/60Hz		1	SP Y		
erminal:	Line			14			
est Mode:	Chargir	ng+2.4G WIF	FI	- N			
						C Part 15 C (QP	
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0.150			(MHz)				30.0
No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detect
1	0.1660	39.75	10.72	50.47	65.16	<mark>-14</mark> .69	QP
2	0.1660	23.10	10.72	33.82	55.16	-21.34	AVC
3	0.2140	36.07	10.75	46.82	63.05	-16.23	QP
4	0.2140	20.33	10.75	31.08	53.05	-21.97	AVC
5	0.3860	31.39	10.54	41.93	58.15	-16.22	QP
6	0.3860	19.57	10.54	30.11	48.15	-18.04	AVC
7 *	0.4580	32.36	10.45	42.81	56.73	-13.92	QP
8	0.4580	13.02	10.45	23.47	46.73	-23.26	AVC
9	1.0260	25.19	10.50	35.69	56.00	-20.31	QP
	1.0260	8.26	10.50	18.76	46.00	-27.24	AVC
10			10.00	37.44	60.00	-22.56	QP
	10.1140	26.82	10.62	01.44	00.00		-

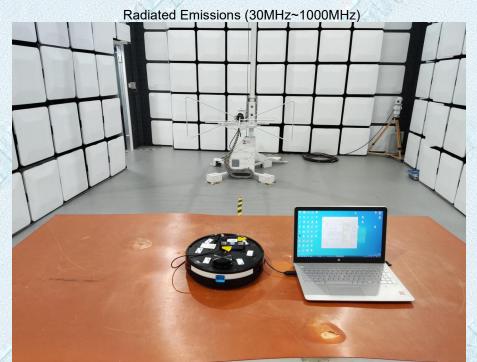
1.Measurement = Reading Level+ Correct Factor 2.Over = Measurement -Limit KSIGN®

est Voltage:	AC 120)V/60Hz			OP Star				
erminal:	Neutral	Neutral							
est Mode:	Chargir	ng+WIFI		22					
		Ann Manum	My Mart Mart & Martin	property of the second		C Part 15 C (QP) Part 15 C (AVG			
0.0 0.150 No. Mk.	Freq.	Reading Level	(MHz) Correct Factor dB	Measure- ment	Limit	Over	30.0		
1	0.1580	39.28	10.71	49.99	65.57	-15.58	QF		
2 *	0.1580	31.23	10.71	41.94	55.57	-13.63	AV		
3	0.1660	40.46	10.72	51.18	65.16	-13.98	QF		
			10.00			40.70	AV		
4	0.1660	30.74	10.72	41.46	55.16	-13.70	~ ~ ~		
4 5	0.1660	30.74 34.96	10.72	41.46	63.53	-13.70			
		Sector Contract		. The former of	1000	Yearthe	QF		
5	0.2020	34.96	10.75	45.71	63.53	-17.82	QF		
5 6	0.2020 0.2020	34.96 16.98	10.75 10.75	45.71 27.73	63.53 53.53	-17.82 -25.80	QF AV		
5 6 7	0.2020 0.2020 0.4500	34.96 16.98 29.41	10.75 10.75 10.52	45.71 27.73 39.93	63.53 53.53 56.88	-17.82 -25.80 -16.95	QF AV QF AV		
5 6 7 8	0.2020 0.2020 0.4500 0.4500	34.96 16.98 29.41 11.23	10.75 10.75 10.52 10.52	45.71 27.73 39.93 21.75	63.53 53.53 56.88 46.88	-17.82 -25.80 -16.95 -25.13			
5 6 7 8 9	0.2020 0.2020 0.4500 0.4500 2.0300	34.96 16.98 29.41 11.23 26.49	10.75 10.75 10.52 10.52 10.56	45.71 27.73 39.93 21.75 37.05	63.53 53.53 56.88 46.88 56.00	-17.82 -25.80 -16.95 -25.13 -18.95			

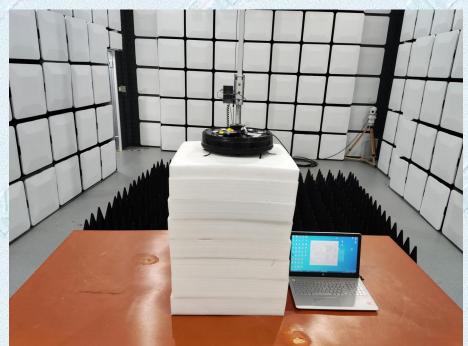
1.Measurement = Reading Level+ Correct Factor 2.Over = Measurement -Limit



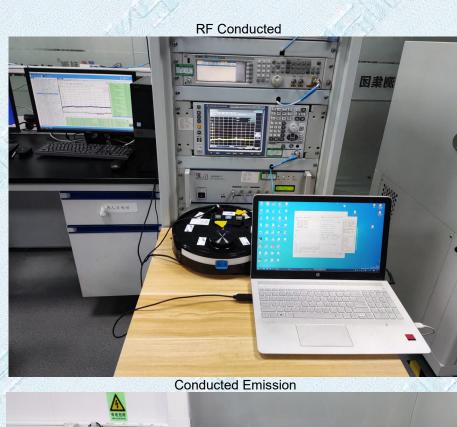
4.EUT TEST PHOTOS



Radiated Emissions (Above 1GHz)











5. PHOTOGRAPHS OF EUT CONSTRUCTIONAL

KSIGN

External Photographs







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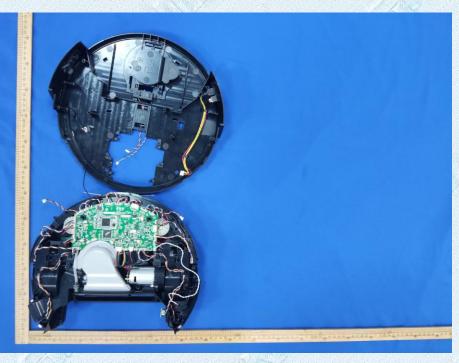
Internal Photographs







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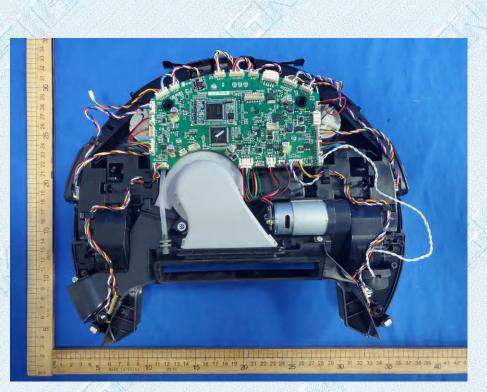






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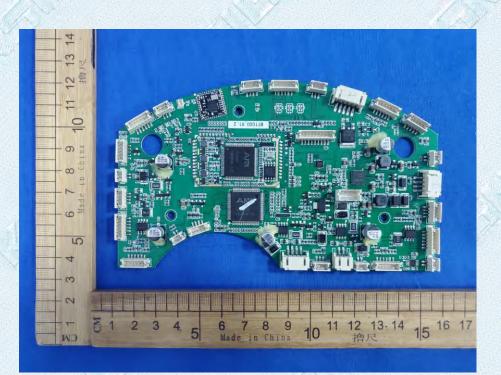






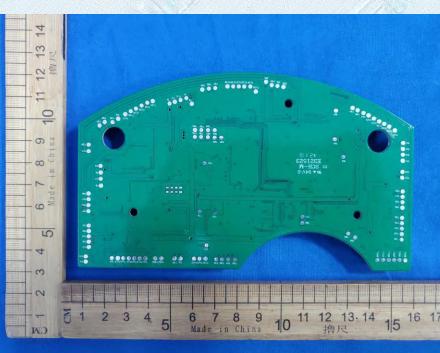
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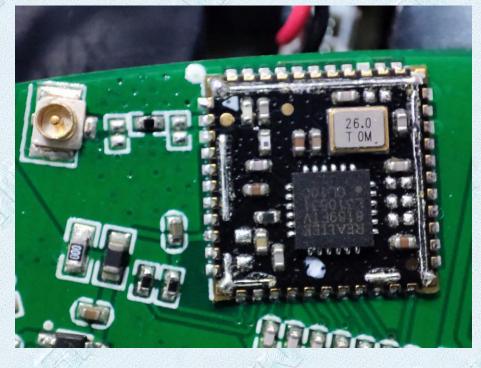
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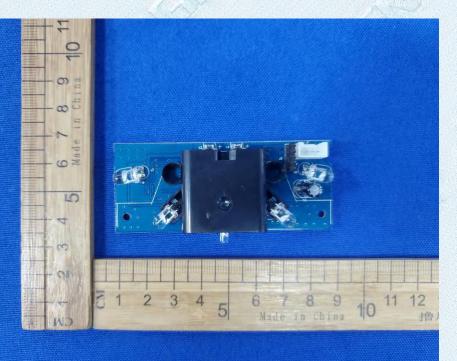


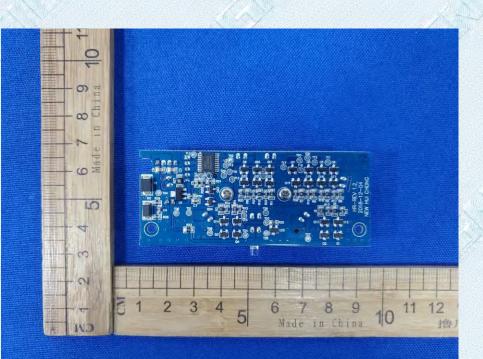














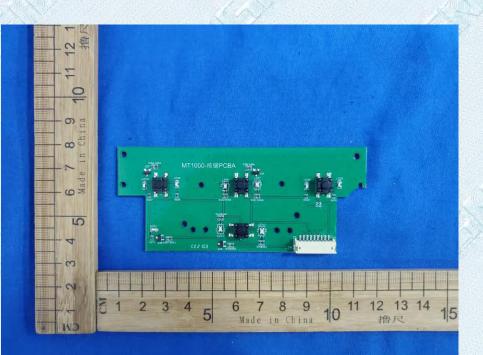




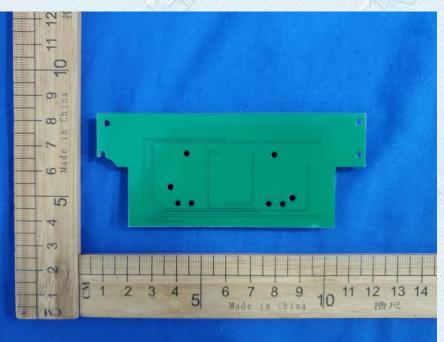


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