Report No.: 15FAB03037 21



FCC CERTIFICATION TEST REPORT

FCC	CID: X5B-PL6432BR
Report Reference No:	15FAB03037 21
Date of issue:	
Testing Laboratory:	ATT Product Service Co., Ltd.
Address:	No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.
Applicant's name:	PERFORMANCE DESIGNED PRODUCTS, LLC
Address:	14144 Ventura Blvd,Suite 200,Sherman Oaks,CA 91423 U.S.A
Manufacturer:	PERFORMANCE DESIGNED PRODUCTS, LLC
Test specification:	
Test item description:	RockCandy PS3 Wireless Dongle
Trade Mark:	
Model/Type reference:	PL-6432BR
Ratings:	DC5V By USB Port Supply
Responsible Engineer	Approved by
Rock Huang	Engwang
(Rock Huang/ Engineer)	(King Wang /EMC Manager)

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TEST REPORT DECLARE

Applicant		PERFORMANCE DESIGNED PRODUCTS, LLC
Address Equipment under Test		14144 Ventura Blvd,Suite 200,Sherman Oaks,CA 91423 U.S.A
		RockCandy PS3 Wireless Dongle
Model No		PL-6432BR
Trade Mark		
Manufacturer		PERFORMANCE DESIGNED PRODUCTS, LLC
Address		14144 Ventura Blvd,Suite 200,Sherman Oaks,CA 91423
		U.S.A

Test Standard Used: FCC Rules and Regulations Part 15 Subpart C: 2013

Test procedure used: ANSI C63.10:2013; ANSI C63.4:2009

We Declare:

The equipment described above is tested by ATT Product Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and ATT Product Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation X/Y/Z axis of the EUT. will record worst case in this report. our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

Report No:	15FAB03037 21		
Date of Test:	2015-04-062015-04-15	Date of Report:	2015-04-16

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of ATT Product Service Co., Ltd.



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1.Summary of test Standards and results

The EUT have been tested according to the applicable standards as referenced below.

Description of Test Item	Standard	Results
20dB Bandwidth	&15. 215(c) ANSI C63.10 :2009	PASS
Radiated Emission	15.209,&15.205,&15.249 ANSI C63.10 :2009	PASS
Conducted Emissions	&15.207(a) ANSI C63.10 :2009	PASS
Antenna requirement	&15.203	PASS
Outside of Band Emission (50dB attenuation)	&15.249(d)	PASS



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2.General test information

2.1 ACCREDITATIONS

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Registration Number:923232 FCC USA Canada **INDUSTRY CANADA Registration Number 11033A**

2.2Description of EUT

:	RockCandy PS3 Wireless Dongle	
:	PL-6432BR	
:		
:	Please reference user manual of this device	
:	DC5V By USB Port Supply	
:	2412MHz -2475MHz	
:	GFSK	
:	1Mpbs	
:	built-in antenna, maximum PK gain:3.85dBi	
:	2015-04-01	
:	Series production	

2.3Accessories of EUT

Description of Accessories Manufacturer		Model number or Type	Other
/	/	/	/

2.4Assistant equipment used for test

Description of Assistant equipment	Manufacturer	Model number or Type	FCCID / FCC DOC	Other
Notebook Computer	lenovo	7457	FCC DOC approved	7457A82
PS3 Game Machine	Sony	CECH-4006B		03-27445859-56363 27-CECH-4006B
TV	OLYMP	14"TV		

ATT Product Service Co., Ltd. (CBTL Lab of UL/Demko)
No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.



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2.5Block diagram of EUT configuration for test

Tested mode, channel, information				
Test Mode	Channel	Frequency (MHz)		
	CH0	2412		
Tx Mode	CH31	2440		
	CH63	2475		

2.6Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25 ℃
Humidity range:	40-75%
Pressure range:	86-106kPa

2.7Measurement uncertainty

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.44dB
Uncertainty for Radiation Emission test (150KHz-30MHz)	3.21dB
Uncertainty for Radiation Emission test	3.42 dB (Polarize: V)
(30MHz-200MHz)	3.52 dB (Polarize: H)
Uncertainty for Radiation Emission test	3.52 dB (Polarize: V)
(200MHz-1GHz)	3.54 dB (Polarize: H)
Uncertainty for Radiation Emission toot (10Hz to 250Hz)	4.20 dB (Polarize: V)
Uncertainty for Radiation Emission test (1GHz to 25GHz)	4.20 dB (Polarize: H)
Uncertainty for radio frequency	1×10-9
Uncertainty for conducted RF Power	0.65dB

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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3. 20dB Bandwidth

3.1 Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Due.	Cal. Interval
1	EMI Test Receiver	R&S	ESCI	101307	2015/12/26	1Y
2	Attenuator	Mini-Circuits	BW-S10W2	101109	2015/12/26	1Y
3	RF Cable	Micable	C10-01-01-1	100309	2015/12/26	1Y

3.2 Block diagram of test setup



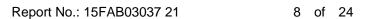
3.3 Applicable Standard

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated...

3.4 Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT on the test table without connection to measurement instrument. Turn on the EUT. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- 3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
- 4. Repeat above procedures until all frequencies measured were complete..



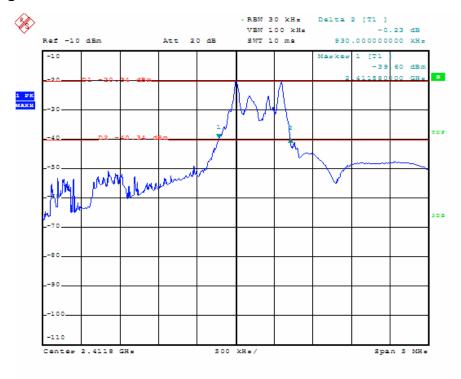




3.5 Test Result

EUT: RockCandy PS3 Wireless Dongle M/N: PL-6432BR								
Mode	Freq (MHz)	Result (MHz)	Limit (MHz)	Margin (MHz)	Conclusion			
	2412	0.93	/	/	PASS			
Tx	2440	0.87	/	/	PASS			
	2475	0.86	/	/	PASS			

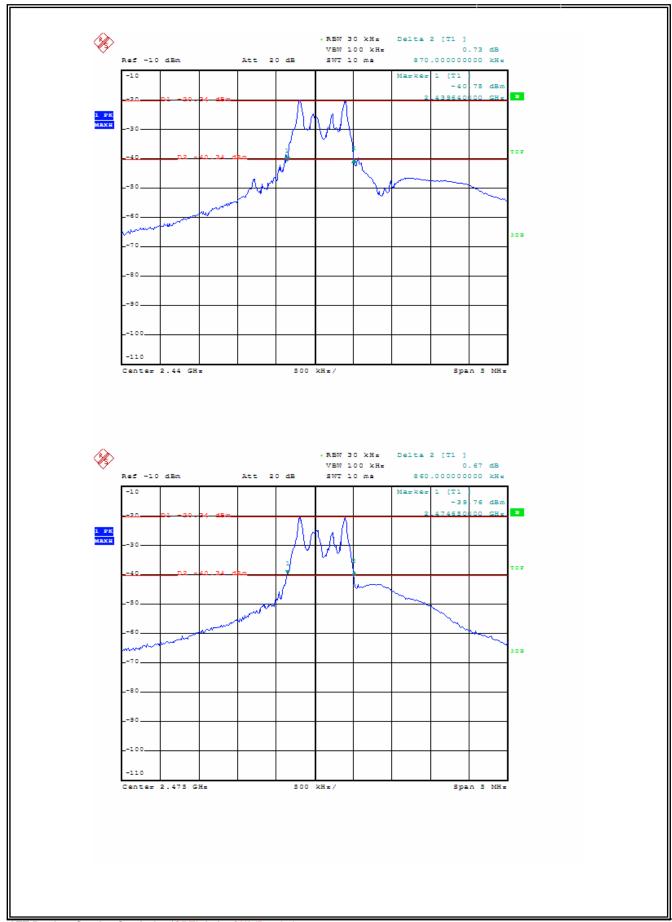
3.6 Original test data













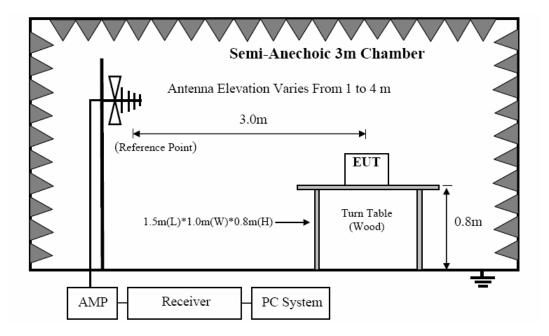
Radiated emission 4.

4.1 **Test equipment**

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Due.	Cal. Interval
1	EMI Test Receiver	R&S	ESCI	101307	2015/12/26	1Y
2	Spectrum analyzer	Agilent	E4407B	US40240708	2015/07/11	1Y
3	Loop antenna	Chase	HLA6120	20129	2015/12/26	1Y
4	Trilog Broadband Antenna	Schwarzbeck	VULB9163	9163-462	2015/12/26	1Y
5	Double Ridged Horn Antenna	R&S	HF907	100276	2015/12/26	1Y
6	Pre-Amplifier	R&S	SCU-01	10049	2015/12/26	1Y
7	Pre-amplifier	A.H.	PAM0-0118	360	2015/12/26	1Y
8	RF Cable	R&S	R01	10403	2015/12/26	1Y
9	RF Cable	R&S	R02	10512	2015/12/26	1Y
10	Horn Antenna	EMCO	3116	9608-4877	2015/12/26	1Y

4.2 Block diagram of test setup

In 3m Anechoic Chamber Test Setup Diagram for below 1GHz



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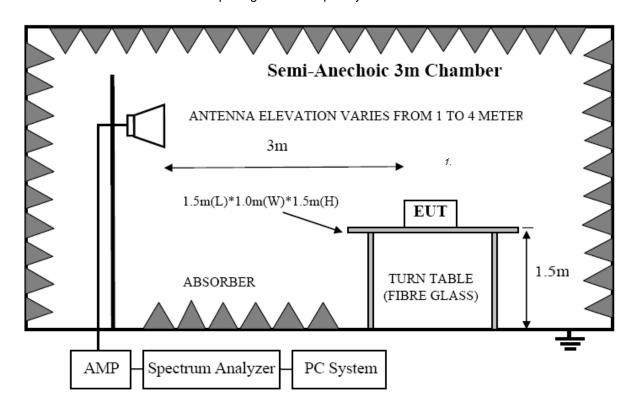
No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China. Phone: 86-769-8509 8000; Fax: 86-769-8509 8777 E-mail:att@attps.cn





In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz

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Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

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4.3 Limit

4.3.1 FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(2)

4.3.2 FCC 15.209 Limit

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMIT		
MHz	Meters	μV/m	dB(μV)/m	
30 ~ 88	3	100	40.0	
88 ~ 216	3	150	43.5	
216 ~ 960	3	200	46.0	
960 ~ 1000	3	500	54.0	
Above 1000	3	74.0 dB(μV)/r 54.0 dB(μV)/m	, ,	

4.3.2 FCC 15.249 Limit

Fundamental	Field strength of fundamental	Field strength of harmonics
frequency	(millivolts/meter)	(microvolts/meter)
902–928 MHz	50	500
2400–2483.5 MHz	50	500
5725–5875 MHz	50	500
24.0-24.25 GHz	250	2500

4.3.3 Limit for this EUT

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.4: 2009. The specification used was the FCC 15.209, and FCC 15.249 limits.



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4.4 Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
- (2) Setup EUT and assistant system according clause 2.4 and 8.2
- (3) Test antenna was located 3m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.
 - (a) Change work frequency or channel of device if practicable.
 - (b) Change modulation type of device if practicable.
 - (c) Change power supply range from 85% to 115% of the rated supply voltage
 - (d) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions
- (4) Spectrum frequency from 9MHz to 25GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9KHz to 30MHz and 18GHz to 25GHz, so below final test was performed with frequency range from 30MHz to 18GHz.
- (5) For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.
- (6) For emissions from 30MHz to 1GHz, Quasi-Peak values were measured with EMI Receiver and the bandwidth of Receiver is 120 KHz.
- (7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz Peak detector for Peak measure ;RMS detector for AV value.
- (8) After test and evaluation X/Y/Z axis of the EUT. will record the worst case in this report.

4.5 Test result

PASS. (See below detailed test result)

According to the recorded data in following table, the EUT complied with the FCC Title 47, Part 15, Subpart C and section 15.205, 15.209 and 15.249, Vertical and Horizontal mode all have been tested ,Horizontal mode is the worse case .with the worst margin reading of:

No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.

Phone: 86-769-8509 8000; Fax: 86-769-8509 8777 E-mail:att@attps.cn

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Radiated Emission Test Result

Test Mode:Tx

Test Site : 3m Chamber

EUT : RockCandy PS3 Wireless Dongle Model Number : PL-6432BR

Power Supply : 5Vd.c via USB port supply **Test Mode** : Keeping Tx

Antenna/Distan : 3m Condition : Temp:24.5'C,Humi:55%

Color	Frequency	Reco	eiver	RxA	ntenna	Cable	Amplifier	Result	FCC 15	249
2412 93.68 PK H 28.00 3.65 31.95 93.38 114.00 -20.62 2412 82.41 AV H 28.00 3.65 31.95 82.11 94.00 -11.89 2412 83.56 AV V 28.00 3.65 31.95 83.26 94.00 -10.74 2390 61.34 PK H 27.80 3.57 31.95 60.76 74.00 -13.24 2390 68.57 AV H 27.80 3.57 31.95 60.76 74.00 -13.24 2390 62.63 PK V 27.80 3.57 31.95 47.99 54.00 6.01 2390 50.57 AV V 27.80 3.57 31.95 49.99 54.00 -4.01 2400 59.86 PK H 28.00 3.57 31.95 59.48 74.00 -14.52 2400 51.21 AV V 28.00	(MHz)		(PK/QP/			Loss	Gain	Level		
2412 82.41 AV					Low Char	nnel (2412	2)			
2412 95.52 PK V 28.00 3.65 31.95 95.22 114.00 -18.78 2412 83.56 AV V 28.00 3.65 31.95 83.26 94.00 -10.74 2390 61.34 PK H 27.80 3.57 31.95 60.76 74.00 -13.24 2390 48.57 AV H 27.80 3.57 31.95 62.05 74.00 -11.95 2390 50.57 AV V 27.80 3.57 31.95 62.05 74.00 -11.95 2390 50.57 AV V 27.80 3.57 31.95 69.99 54.00 -4.01 2400 59.86 PK H 28.00 3.57 31.95 50.73 54.00 -4.22 2400 62.18 PK V 28.00 3.57 31.95 51.84 74.00 -12.20 2400 51.82 AV V 28.00	2412	93.68	PK	Ι	28.00	3.65	31.95	93.38	114.00	-20.62
2412 83.56 AV V 28.00 3.65 31.95 83.26 94.00 -10.74 2390 61.34 PK H 27.80 3.57 31.95 60.76 74.00 -13.24 2390 62.63 PK V 27.80 3.57 31.95 47.99 54.00 -6.01 2390 62.63 PK V 27.80 3.57 31.95 49.99 54.00 -4.01 2400 59.86 PK H 28.00 3.57 31.95 59.48 74.00 -14.52 2400 59.86 PK H 28.00 3.57 31.95 59.48 74.00 -14.52 2400 51.11 AV H 28.00 3.57 31.95 59.48 74.00 -12.20 2400 51.82 AV V 28.00 3.57 31.95 51.44 54.00 -2.56 4824 61.45 PK H 32.30	2412	82.41	AV	Ι	28.00	3.65	31.95	82.11	94.00	-11.89
2390 61.34 PK H 27.80 3.57 31.95 60.76 74.00 -13.24 2390 48.57 AV H 27.80 3.57 31.95 47.99 54.00 6.01 2390 62.63 PK V 27.80 3.57 31.95 62.05 74.00 -11.95 2390 50.57 AV V 27.80 3.57 31.95 62.05 74.00 -14.52 2400 59.86 PK H 28.00 3.57 31.95 59.48 74.00 -14.52 2400 51.11 AV H 28.00 3.57 31.95 50.73 54.00 -3.27 2400 62.18 PK V 28.00 3.57 31.95 61.80 74.00 -12.20 2400 51.82 AV V 28.00 3.57 31.95 51.44 54.00 -2.56 4824 61.45 PK H 32.30	2412	95.52	PK	V	28.00	3.65	31.95	95.22	114.00	-18.78
2390	2412	83.56	AV	>	28.00	3.65	31.95	83.26	94.00	-10.74
2390 62.63 PK V 27.80 3.57 31.95 62.05 74.00 -11.95	2390	61.34	PK	Ι	27.80	3.57	31.95	60.76	74.00	-13.24
2390 50.57 AV V 27.80 3.57 31.95 49.99 54.00 -4.01	2390	48.57	AV	Ι	27.80	3.57	31.95	47.99	54.00	-6.01
2400 59.86 PK H 2800 3.57 31.95 59.48 74.00 -14.52 2400 51.11 AV H 28.00 3.57 31.95 50.73 54.00 -3.27 2400 62.18 PK V 28.00 3.57 31.95 61.80 74.00 -12.20 2400 51.82 AV V 28.00 3.57 31.95 51.44 54.00 -2.56 4824 61.45 PK H 32.30 5.91 31.78 67.88 74.00 -6.12 4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 42.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 59.55 54.00 -3.45 7236 37.58 AV H 36.30	2390	62.63	PK	V	27.80	3.57	31.95	62.05	74.00	-11.95
2400 51.11 AV H 2800 3.57 31.95 50.73 54.00 -3.27 2400 62.18 PK V 28.00 3.57 31.95 61.80 74.00 -12.20 2400 51.82 AV V 28.00 3.57 31.95 51.44 54.00 -2.56 4824 61.45 PK H 32.30 5.91 31.78 67.88 74.00 -6.12 4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 62.47 PK V 32.30 5.91 31.78 49.82 54.00 -4.18 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 36.13 PK V 36.30	2390	50.57		V	27.80	3.57	31.95	49.99	54.00	-4.01
2400 62.18 PK V 28.00 3.57 31.95 61.80 74.00 -1220 2400 51.82 AV V 28.00 3.57 31.95 51.44 54.00 -256 4824 61.45 PK H 32.30 5.91 31.78 67.88 74.00 -6.12 4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 62.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.29 7236 37.58 AV H 36.30 6.34 30.97 50.13 54.00 -3.87 7236 38.46 AV V 36.30 <	2400	59.86	PK	Ι	28.00	3.57	31.95	59.48	74.00	-14.52
2400 51.82 AV V 2800 3.57 31.95 51.44 54.00 -2.56 4824 61.45 PK H 32.30 5.91 31.78 67.88 74.00 -6.12 4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 62.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 38.46 AV V 36.30 6.34 30.97 67.80 74.00 -6.28 9648 52.67 PK H 37.90 <	2400	51.11	AV	Ι	28.00	3.57	31.95	50.73	54.00	-3.27
4824 61.45 PK H 32.30 5.91 31.78 67.88 74.00 6.12 4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 62.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 49.25 54.00 -4.75 7236 56.13 PK V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 53.15 PK V 37.90 <	2400	62.18	PK		28.00	3.57	31.95	61.80	74.00	-12.20
4824 43.39 AV H 32.30 5.91 31.78 49.82 54.00 -4.18 4824 62.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -6.20 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 53.15 PK V 37.90	2400	51.82	AV	V	28.00	3.57	31.95	51.44	54.00	-2.56
4824 62.47 PK V 32.30 5.91 31.78 68.90 74.00 -5.10 4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 49.25 54.00 -4.75 7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -620 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -628 9648 53.15 PK V 37.90 8.01 30.86 48.94 54.00 -5.06 9648 34.28 AV V 37.90 <t< td=""><td>4824</td><td>61.45</td><td>PK</td><td>Ι</td><td>32.30</td><td>5.91</td><td>31.78</td><td>67.88</td><td>74.00</td><td>-6.12</td></t<>	4824	61.45	PK	Ι	32.30	5.91	31.78	67.88	74.00	-6.12
4824 44.12 AV V 32.30 5.91 31.78 50.55 54.00 -3.45 7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 49.25 54.00 4.75 7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -620 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -628 9648 53.15 PK V 37.90 8.01 30.86 48.94 54.00 -5.06 9648 34.28 AV V 37.90 8.01 30.86 48.20 74.00 -5.80 9648 34.28 AV V 37.90 <td< td=""><td>4824</td><td>43.39</td><td>AV</td><td>Н</td><td>32.30</td><td>5.91</td><td>31.78</td><td>49.82</td><td>54.00</td><td>-4.18</td></td<>	4824	43.39	AV	Н	32.30	5.91	31.78	49.82	54.00	-4 .18
7236 54.34 PK H 36.30 6.34 30.97 66.01 74.00 -7.99 7236 37.58 AV H 36.30 6.34 30.97 49.25 54.00 -4.75 7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -6.20 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 <	4824	62.47	PK	V	32.30	5.91	31.78	68.90	74.00	-5.10
7236 37.58 AV H 36.30 6.34 30.97 49.25 54.00 4.75 7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -6.20 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 <td< td=""><td>4824</td><td>44.12</td><td>AV</td><td>V</td><td>32.30</td><td>5.91</td><td>31.78</td><td>50.55</td><td>54.00</td><td>-3.45</td></td<>	4824	44.12	AV	V	32.30	5.91	31.78	50.55	54.00	-3.45
7236 56.13 PK V 36.30 6.34 30.97 67.80 74.00 -620 7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 2440 93.11 PK H 28.30 <td< td=""><td>7236</td><td>54.34</td><td>PK</td><td>Н</td><td>36.30</td><td>6.34</td><td>30.97</td><td>66.01</td><td>74.00</td><td>-7.99</td></td<>	7236	54.34	PK	Н	36.30	6.34	30.97	66.01	74.00	-7.99
7236 38.46 AV V 36.30 6.34 30.97 50.13 54.00 -3.87 9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 94.63	7236	37.58	AV	Н	36.30	6.34	30.97	49.25	54.00	-4.75
9648 52.67 PK H 37.90 8.01 30.86 67.72 74.00 -6.28 9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 <td>7236</td> <td>56.13</td> <td>PK</td> <td>V</td> <td>36.30</td> <td>6.34</td> <td>30.97</td> <td>67.80</td> <td>74.00</td> <td>-6.20</td>	7236	56.13	PK	V	36.30	6.34	30.97	67.80	74.00	-6.20
9648 33.89 AV H 37.90 8.01 30.86 48.94 54.00 -5.06 9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 </td <td>7236</td> <td></td> <td>AV</td> <td>V</td> <td>36.30</td> <td>6.34</td> <td>30.97</td> <td>50.13</td> <td>54.00</td> <td>-3.87</td>	7236		AV	V	36.30	6.34	30.97	50.13	54.00	-3.87
9648 53.15 PK V 37.90 8.01 30.86 68.20 74.00 -5.80 9648 34.28 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 96.17 94.00 -7.83 4880 58.46 <td>9648</td> <td>52.67</td> <td>PK</td> <td>Ι</td> <td>37.90</td> <td>8.01</td> <td>30.86</td> <td>67.72</td> <td>74.00</td> <td>-6.28</td>	9648	52.67	PK	Ι	37.90	8.01	30.86	67.72	74.00	-6.28
9648 3428 AV V 37.90 8.01 30.86 49.33 54.00 -4.67 128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 47.60 54.00 -6.40	9648	33.89	AV	Ι	37.90	8.01	30.86	48.94	54.00	-5.06
128 51.56 QP H 14.20 2.74 27.60 40.90 46.00 -5.10 128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	9648	53.15	PK		37.90	8.01	30.86	68.20	74.00	-5.80
128 52.33 QP V 14.20 2.74 27.60 41.67 46.00 -4.33 Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	9648	34.28	AV	V	37.90	8.01	30.86	49.33	54.00	-4.67
Middle Channel (2440) 2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	128	51.56	QP	Ι	14.20	2.74	27.60	40.90	46.00	-5.10
2440 93.11 PK H 28.30 3.69 31.95 93.15 114.00 -20.85 2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	128	52.33	QP	V	14.20	2.74	27.60	41.67	46.00	-4.33
2440 85.54 AV H 28.30 3.69 31.95 85.58 94.00 -8.42 2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40					Middle Cha	annel (244	0)			
2440 94.63 PK V 28.30 3.69 31.95 94.67 114.00 -19.33 2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	2440	93.11	PK	Н	28.30	3.69	31.95	93.15	114.00	-20.85
2440 86.13 AV V 28.30 3.69 31.95 86.17 94.00 -7.83 4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	2440	85.54	AV	Н	28.30	3.69	31.95	85.58	94.00	-8.42
4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	2440	94.63	PK	V	28.30	3.69	31.95	94.67	114.00	-19.33
4880 58.46 PK H 32.90 6.34 31.78 65.92 74.00 -8.08 4880 40.14 AV H 32.90 6.34 31.78 47.60 54.00 -6.40	2440	86.13	AV	V	28.30	3.69	31.95	86.17	94.00	-7.83
		58.46	PK	Н	32.90	6.34				
4880 59.57 PK V 32.90 6.34 31.78 67.03 74.00 -6.97	4880	40.14	AV	Н	32.90	6.34	31.78	47.60	54.00	-6.40
	4880	59.57	PK	V	32.90	6.34	31.78	67.03	74.00	-6.97
4880 41.63 AV V 32.90 6.34 31.78 49.09 54.00 -4.91	4880	41.63	AV	V	32.90	6.34	31.78	49.09	54.00	-4.91
7320 51.34 PK H 37.10 6.72 30.97 64.19 74.00 -9.81	7320	51.34	PK	Н	37.10	6.72		64.19	74.00	-9.81



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							'	'	
7320	33.25	AV	Н	37.10	6.72	30.97	46.10	54.00	-7.90
7320	52.61	PK	V	37.10	6.72	30.97	65.46	74.00	-8.54
7320	34.58	AV	V	37.10	6.72	30.97	47.43	54.00	-6.57
9760	45.66	PK	Н	38.60	8.43	30.86	61.83	74.00	-12.17
9760	32.49	AV	Н	38.60	8.43	30.86	48.66	54.00	-5.34
9760	47.18	PK	V	38.60	8.43	30.86	63.35	74.00	-10.65
9760	33.45	AV	V	38.60	8.43	30.86	49.62	54.00	-4.38
128.	48.34	QP	Н	14.20	2.74	27.60	37.68	46.00	-8.32
128	49.42	QP	V	14.20	2.74	27.60	38.76	46.00	-7.24
				High Cha	nnel (2475	5)			
2475	96.01	PK	Н	28.70	3.72	31.93	96.50	114.00	-17.50
2475	85.83	AV	Н	28.70	3.72	31.93	86.32	94.00	-7.68
2475	97.21	PK	V	28.70	3.72	31.93	97.70	114.00	-16.30
2475	87.34	AV	V	28.70	3.72	31.93	87.83	94.00	-6.17
2483.5	62.52	PK	Н	28.70	3.72	31.93	63.01	74.00	-10.99
2483.5	45.26	AV	Н	28.70	3.72	31.93	45.75	54.00	-8.25
2483.5	63.27	PK	V	28.70	3.72	31.93	63.76	74.00	-10.24
2483.5	46.89	AV	V	28.70	3.72	31.93	47.38	54.00	-6.62
4950	57.96	PK	Ι	33.10	6.39	31.78	65.67	74.00	-8.33
4950	40.03	AV	Ι	33.10	6.39	31.78	47.74	54.00	-6.26
4950	58.37	PK	V	33.10	6.39	31.78	66.08	74.00	-7.92
4950	41.34	AV	V	33.10	6.39	31.78	49.05	54.00	-4.95
7425	52.67	PK	Ι	37.20	6.77	30.97	65.67	74.00	-8.33
7425	35.08	AV	Н	37.20	6.77	30.97	48.08	54.00	-5.92
7425	53.22	PK	V	37.20	6.77	30.97	66.22	74.00	-7.78
7425	36.11	AV	V	37.20	6.77	30.97	49.11	54.00	-4.89
9900	47.68	PK	Н	38.70	8.48	30.86	64.00	74.00	-10.00
9900	31.62	AV	Н	38.70	8.48	30.86	47.94	54.00	-6.06
9900	49.57	PK	V	38.70	8.48	30.86	65.89	74.00	-8.11
9900	32.93	AV	V	38.70	8.48	30.86	49.25	54.00	-4.75
128	50.49	QP	Н	14.20	2.74	27.60	39.83	46.00	-6.17
128	51.57	QP	V	14.20	2.74	27.60	40.91	46.00	-5.09

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor

- 2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit
- 3. For fundamental frequency test: RBW=3MHz VBW=10MHz Peak detector for PK value, RBW=3MHz VBW=10MHz AV detector for AV value.

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5. Antenna Requirements

5.1 Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.249 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

5.2 Result

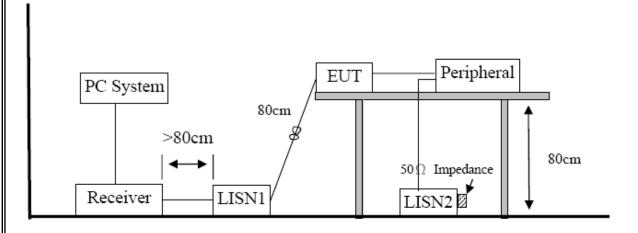
The EUT has an internal chip antenna permanently soldering on the printed circuit board, which complied with 15.203, the maximum gain was 3.85dBi.

6.Power Line Conducted Emission

6.1 Test equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Due.	Cal. Interval
1	Test Receiver	R&S	ESCI	101308	2015/12/26	1 Year
2	LISN 1	AFJ	LS16	1601110321 9	2015/12/26	1 Year
3	LISN 2	R&S	ESH2-Z5	100309	2015/12/26	1 Year
4	Pulse Limiter	MTS-systemtechn ik	MTS-IMP-136	261115-010- 0024	2015/12/26	1 Year

6.2 Block diagram of test setup



ATT Product Service Co., Ltd. (CBTL Lab of UL/Demko)

No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.



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6.3 Power Line Conducted Emission Limits(Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies

6.4 Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane. Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4: 2009. All support equipment power received from a second LISN.Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT. The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes. During the above scans, the emissions were maximized by cable manipulation. The test mode(s) described in clause 2.4 were scanned during the preliminary test. After the preliminary scan, we found the test mode producing the highest emission level. The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test. EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded. The bandwidth of test receiver is set at 9 KHz.

No. 3, ChangLianShan Industrial Park, ChangAn Town, DongGuan City, GuangDong, China.

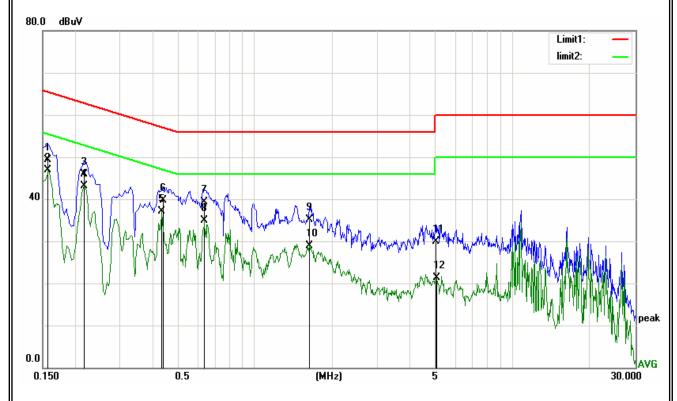
Phone: 86-769-8509 8000; Fax: 86-769-8509 8777 E-mail:att@attps.cn



6.5 Test Result PASS. (See below detailed test result)

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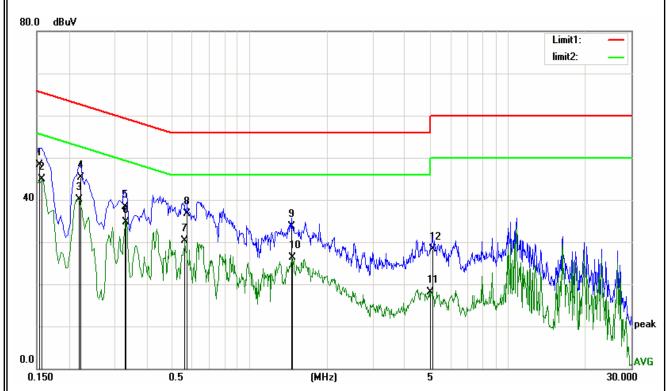
EUT:	RockCandy PS3 Wireless Dongle	Model No.:	PL-6432BR
Temperature:	24°C	Relative Humidity:	55%
Probe:	N	Test Power:	DC5V By USB Port
			Supply
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Keeping Tx	Test By:	Vito
Note:			



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1580	37.92	11.41	49.33	65.56	-16.23	QP
2	0.1580	35.43	11.41	46.84	55.56	-8.72	AVG
3	0.2180	34.92	11.00	45.92	62.89	-16.97	QP
4	0.2180	32.18	11.00	43.18	52.89	-9.71	AVG
5	0.4340	26.86	10.27	37.13	47.18	-10.05	AVG
6	0.4420	29.40	10.26	39.66	57.02	-17.36	QP
7	0.6380	29.19	10.14	39.33	56.00	-16.67	QP
8	0.6380	24.82	10.14	34.96	46.00	-11.04	AVG
9	1.6300	25.08	10.11	35.19	56.00	-20.81	QP
10	1.6300	18.74	10.11	28.85	46.00	-17.15	AVG
11	5.0380	19.72	10.10	29.82	60.00	-30.18	QP
12	5.1060	11.27	10.10	21.37	50.00	-28.63	AVG



EUT:	RockCandy PS3 Wireless Dongle	Model No.:	PL-6432BR
Temperature:	24℃	Relative Humidity:	55%
Probe:	L1	Test Power:	DC5V By USB Port
			Supply
Standard:	(CE)FCC PART 15 class B_QP	Test Result:	Pass
Test Mode:	Keeping Tx	Test By:	Vito
Note:			



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1539	36.85	11.44	48.29	65.78	-17.49	QP
2	0.1580	33.53	11.41	44.94	55.56	-10.62	AVG
3	0.2180	29.19	11.00	40.19	52.89	-12.70	AVG
4	0.2220	34.36	10.97	45.33	62.74	-17.41	QP
5	0.3300	27.95	10.40	38.35	59.45	-21.10	QP
6	0.3339	24.39	10.40	34.79	49.35	-14.56	AVG
7	0.5620	20.20	10.16	30.36	46.00	-15.64	AVG
8	0.5740	26.46	10.16	36.62	56.00	-19.38	QP
9	1.4500	23.68	10.10	33.78	56.00	-22.22	QP
10	1.4580	16.11	10.10	26.21	46.00	-19.79	AVG
11	5.0100	7.99	10.10	18.09	50.00	-31.91	AVG
12	5.1260	18.13	10.10	28.23	60.00	-31.77	QP

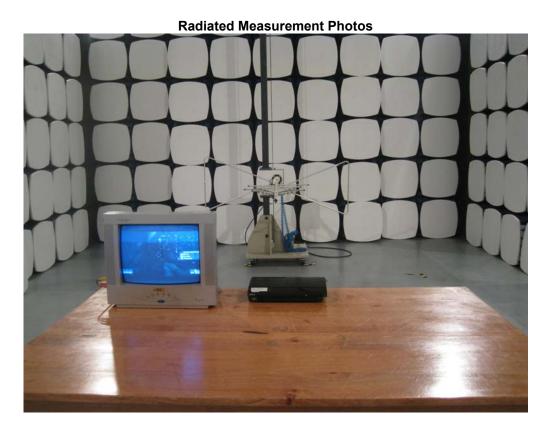
Report No.: 15FAB03037 21



7. EUT TEST PHOTO

Conducted Measurement Photos



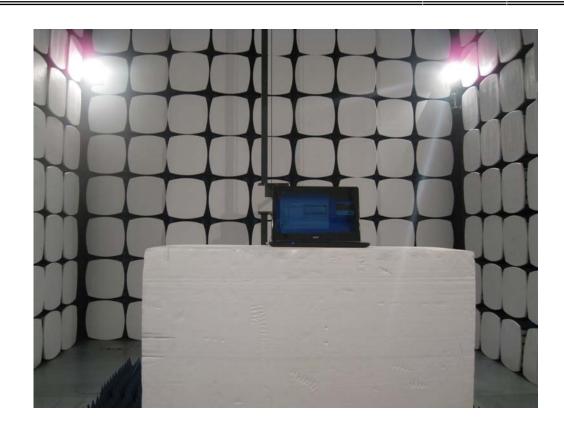


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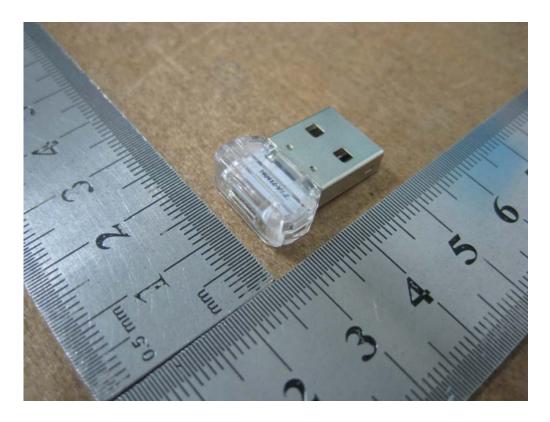


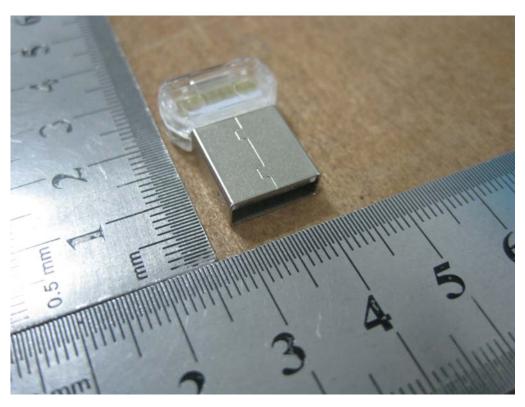
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EUT Photo

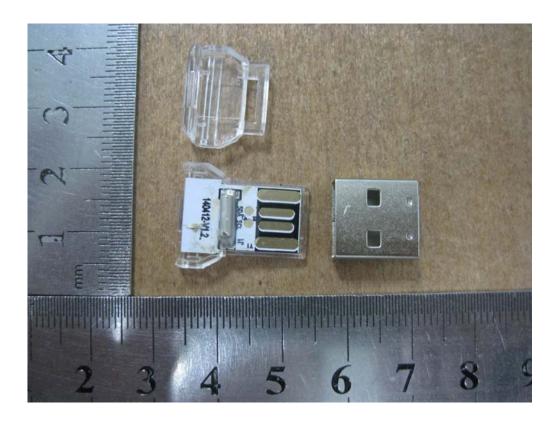


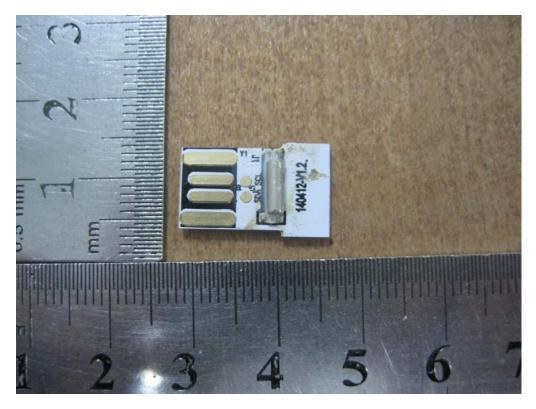


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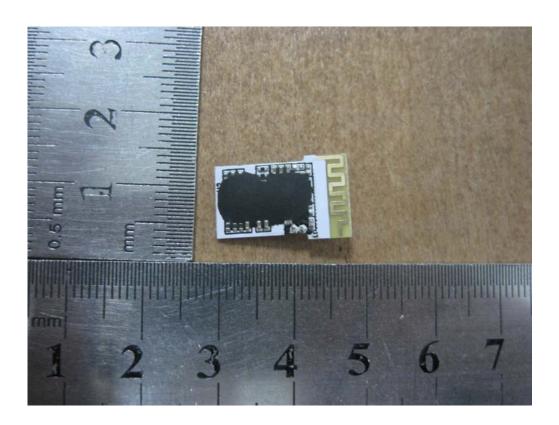








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END OF REPORT