

# Test Report

## FCC Part15 Subpart C& RSS 210

Product Name : Navistar RKE  
Model No. : 4060791C1  
FCC ID : 2AFCZ-315RKE  
IC : 20501-315RKE

Applicant : Beijing Jingwei Hirain Technologies Co.,Ltd  
Address : 5-10F, Block D, Truth Plaza, No.7 Zhichun Road,  
Haidian District, Beijing

Date of Receipt : Jul. 01, 2015  
Test Date : Jul. 01, 2015~ Jul. 31, 2015  
Issued Date : Sep. 22, 2015  
Report No. : 1570089R-RF-US-P06V02  
Report Version : V1.4



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

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# Test Report Certification

Issued Date : Sep. 22, 2015  
Report No. : 1570089R-RF-US-P06V02



Product Name : Navistar RKE  
Applicant : Beijing Jingwei Hirain Technologies Co.,Ltd  
Address : 5-10F, Block D, Truth Plaza, No.7 Zhichun Road, Haidian District, Beijing  
Manufacturer : Beijing Jingwei Hirain Technologies Co.,Ltd  
Address : 5-10F, Block D, Truth Plaza, No.7 Zhichun Road, Haidian District, Beijing  
Model No. : 4060791C1  
FCC ID : 2AFCZ-315RKE  
IC : 20501-315RKE  
EUT Voltage : DC 3V  
Brand Name :



International

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C: 2014  
Industry Canada RSS-Gen Issue 4:2014  
RSS-210 Issue 8+A1:2015  
ANSI C63.10: 2013; ANSI C63.4: 2014  
Test Result : Complied  
Performed Location : Suzhou EMC Laboratory  
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## Laboratory Information

We, **Quietek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted(audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scope:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>BSMI, NCC</b>
<b>USA</b>	<b>:</b>	<b>FCC</b>
<b>Japan</b>	<b>:</b>	<b>VCCI</b>
<b>China</b>	<b>:</b>	<b>CNAS</b>

The related certificate for our laboratories about the test site and management system can be downloaded from Quietek Corporation's Web Site :<http://www.quietek.com/tw/ctg/cts/accreditations.htm>

The address and introduction of Quietek Corporation's laboratories can be founded in our Web site :  
<http://www.quietek.com/>

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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## History of This Test Report

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
1570089R-RF-US-P06V02	V1.0	Initial Issued Report	Aug. 19, 2015
1570089R-RF-US-P06V02	V1.1	Provided the ANSI C63.10 version; Added the restricted band of IC	Sep. 01, 2015
1570089R-RF-US-P06V02	V1.2	Changed release time	Sep. 16, 2015
1570089R-RF-US-P06V02	V1.3	Add the description of shown the worst case	Sep. 21, 2015
1570089R-RF-US-P06V02	V1.4	Updated the DCCF data.	Sep. 22, 2015

## 1. General Information

### 1.1. EUT Description

Product Name	Navistar RKE
Brand Name	 International
Model No.	4060791C1
Working Voltage	DC 3V
Frequency Range	315MHz
Channel Number	1
Type of Modulation	ASK
Data Rate	<1kbps
Antenna Type	PCB Antenna
Peak Antenna Gain	-10dBi

Working Frequency of Each Channel:							
Channel	Frequency						
00	315MHz						



## 1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit

Note:

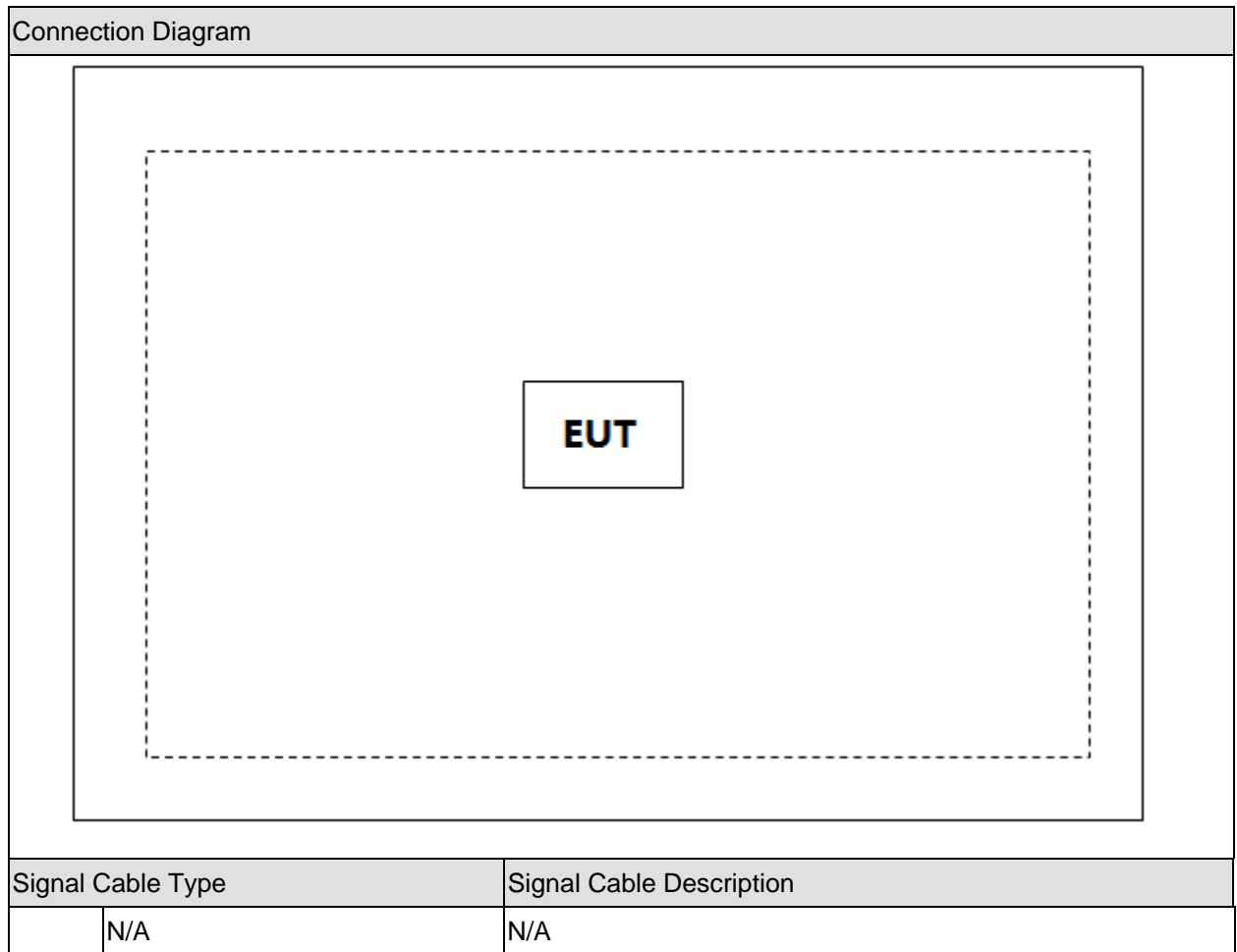
1. Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.
2. For portable device, radiated spurious emission was verified over X, Y, Z Axis, and shown the worst case on this report.

### 1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	N/A	N/A	N/A	N/A	N/A

## 1.4. Configuration of Tested System



### 1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment. and start to test

## 2. Technical Test

### 2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

For FCC:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2014 Section 15.207	N/A*)	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2014 Section 15.209 & 15.231(b)	Yes	No
20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2014 Section 15.231(c)	Yes	No
Release Time	FCC CFR Title 47 Part 15 Subpart C: 2014 Section 15.231(a)(1)	Yes	No
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C: 2014 Section 15.203	Yes	No
*) Note: The EUT has no AC input port, test is not applicable.			

For IC:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	RSS-Gen Issue 4 November 2014 Section 8.8	N/A*)	No
Radiated Emission	RSS-210 Issue 8 December 2010 Section A1.1 Table A	Yes	No
99% Bandwidth	RSS-Gen Issue 4 November 2014 Section 6.6 RSS-210 Issue 8 December 2010 Section A1.1.3	Yes	No
Release Time	RSS-210 Issue 8 December 2010 Section A1.1.1	Yes	No
*) Note: The EUT has no AC input port, test is not applicable.			

## 2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

### 3. Conducted Emission

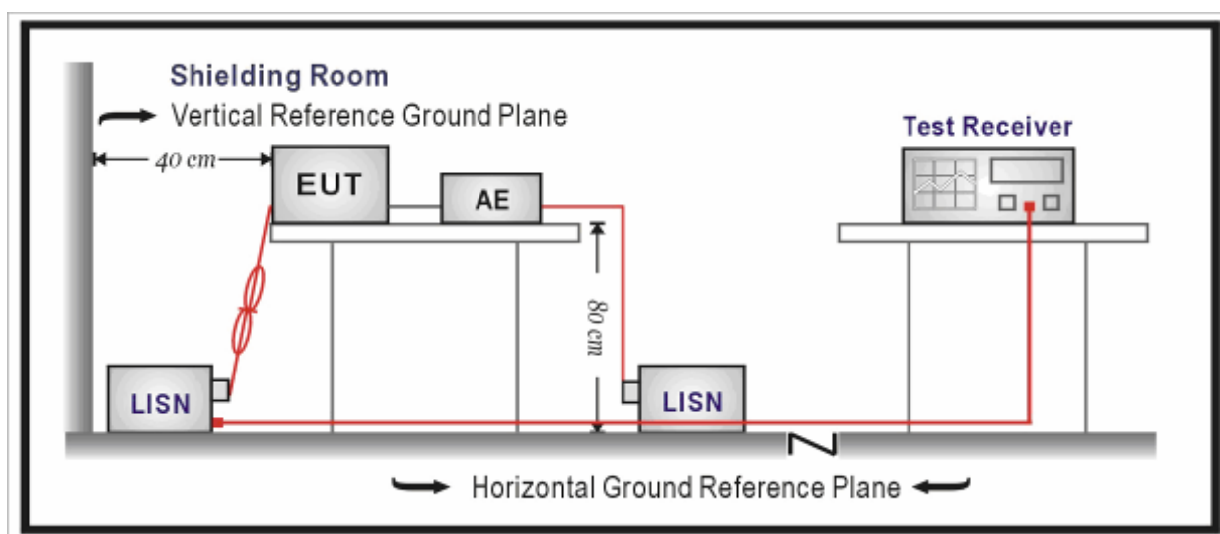
#### 3.1. Test Equipment

Conducted Emission / TR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100726	2015.09.16
Two-Line V-Network	R&S	ENV216	100043	2015.08.07
Two-Line V-Network	R&S	ENV216	100044	2015.09.16
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	N/A
50ohm Termination	SHX	TF2	07081401	2015.09.16
Temperature/Humidity Meter	zhicheng	ZC1-2	TR1-TH	2016.01.07

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

#### 3.2. Test Setup



### 3.3. Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

### 3.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2014, 2014 & RSS210 and tested according to KDB 558074 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /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) 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.

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.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### 3.5. Uncertainty

The measurement uncertainty is defined as  $\pm 2.02$  dB



### 3.6. Test Result

The EUT has no AC input port, test is not applicable.

## 4. Radiated Emission

### 4.1. Test Equipment

#### Radiated Emission / AC-2

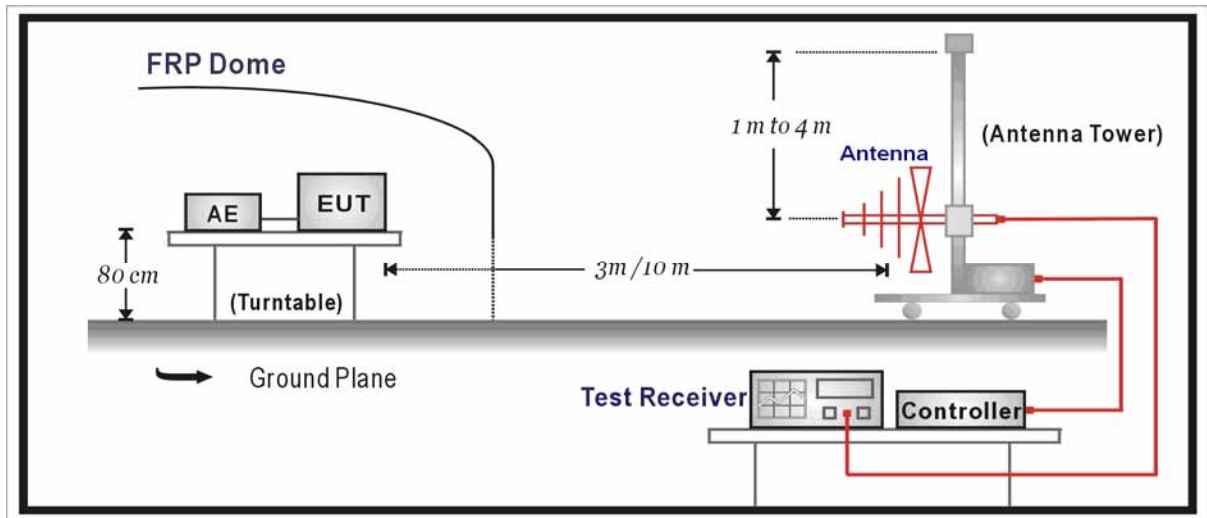
Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2016.03.10
Loop Antenna	R&S	HFH2-Z2	833799/003	2015.11.25
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2015.10.10
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2016.02.28
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2016.01.07

#### Radiated Emission / AC-5

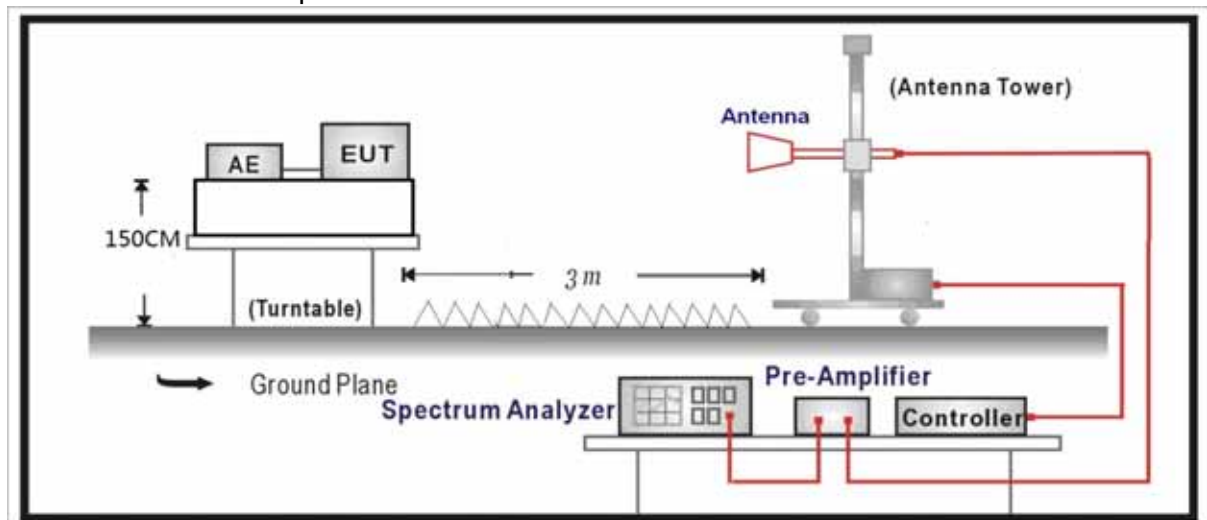
Instrument	Manufacturer	Type No.	Serial No.	Cali. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2016.05.12
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.03
Preamplifier	QuieTek	AP-040G	CHM-0906001	2016.05.03
Bilog Antenna	Teseq GmbH	CBL6112D	27612	2015.10.15
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	733	2016.02.26
DRG Horn	ETS-Lindgren	3117	00167055	2016.07.16
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.04.10
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2016.02.28
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2016.02.28
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2016.02.28
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC5-TH	2016.01.07

## 4.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



### 4.3. Limit

<b>FCC Part 15 Subpart C Paragraph 15.209 &amp; RSS Gen Clause 8.9</b>		
Frequency (MHz)	Distance (m)	Level (dB $\mu$ V/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dB  $\mu$  V/m) = 20 log E field strength ( $\mu$  V/m)

Field strength of emissions from intentional radiators operated under 15.231(b) and RSS 210 Annex 1 shall not exceed the following:

Fundamental frequency (MHz)	Field strength of fundamental ( $\mu$ V/m)	Field strength of spurious emissions ( $\mu$ V/m)
40.66-40.70	2250	225
70-130	1250	125
130-174	11250 to 3750	1125 to 375
174-260	3750	375
260-470	13750 to 12500	1375 to 1250
Above 470	12500	1250

(1) The above field strength limits are specified at a distance of 3 meters. The tighter limits apply at the band edges.

(2) Intentional radiators operating under the provisions of this section shall demonstrate compliance with the limits on the field strength of emissions, as shown in the above table, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector. The specific method of measurement employed shall be specified in the application for equipment authorization. If average emission measurements are employed, the provisions in §15.35 for averaging pulsed emissions and for limiting peak emissions apply. Further, compliance with the provisions of §15.205 shall be demonstrated using the measurement instrumentation specified in that section.

(3) Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follow: for the band 130-174MHz,  $\mu\text{V/m}$  at 3 meters= $56.81818(F)-6136.3636$ ; for the band 260-470MHz,  $\mu\text{V/m}$  at 3 meters= $41.6667(F)-7083.3333$ .

#### 4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2014 & ANSI C63.10: 2013 for compliance to FCC 47CFR 15.231 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4: 2014 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna has the narrow beamwidth) in order to keeping the antenna in the "cone of radiation" of EUT. The 3dB beamwidth is 10~60 degrees for H-plane and 10~90 degrees for E-plane.

#### 4.5. Uncertainty

The measurement uncertainty above 1G is defined as  $\pm 3.9\text{ dB}$   
below 1G is defined as  $\pm 3.8\text{ dB}$

#### 4.6. Test Result

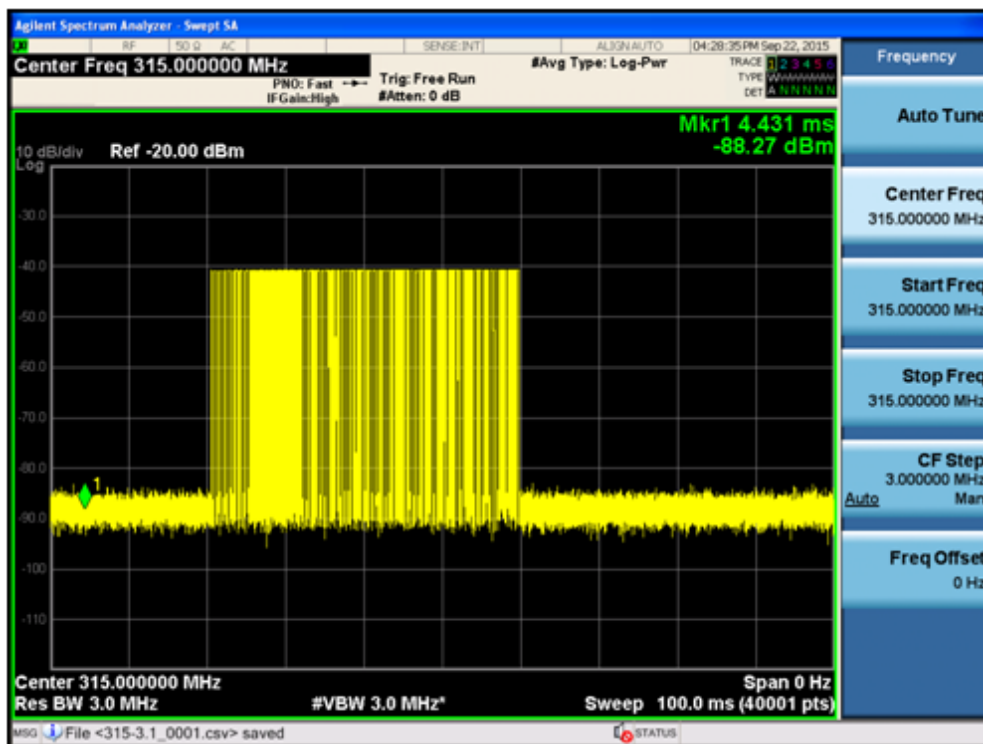
All of the test result shown indicates the worst case, and spectrum analyzer parameters setting as shown below:

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 100ms;

Average detector: Peak Level – DCCF

For the operating frequency 315MHz, the fundamental emission limit level shall be  $41.6667 \times (315) - 7083.3333 \mu\text{V/m} = 75.63 \text{ dB } \mu\text{V/m}$ , the harmonics emission limit level shall be  $55.63 \text{ dB } \mu\text{V/m}$ , based on average detector.

For the DCCF (Duty cycle correction factor)



$$\text{DCCF} = -20 \log(7818/40001) = 14.20 \text{ dB}$$

Note1: The transmission train is hard to mark, so we use the points which are above -40dBm to show transmission train total time. And the points over the whole points is the duty cycle. All key is tested and the worst case is showed above.

2: All keys are tested and showed the worst case above(Key #3).

For FCC:

Mode 1: Transmitter

Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measured Peak Level (dBuV/m)	DCCF (dB)	Measured Averaged Level (dBuV/m)	Limit (dBuV/m)		Over Limit (dB)	
							PK	AV	PK	AV
H	315.06	50.39	21.16	71.54	14.20	57.34	95.63	75.63	-24.09	-18.29
V	315.00	32.49	24.49	56.97	14.20	42.77	95.63	75.63	-38.66	-32.86
H	630.00	12.54	29.51	42.06	14.20	27.86	75.63	55.63	-33.57	-27.77
V	630.00	14.01	27.13	41.14	14.20	26.94	75.63	55.63	-34.49	-28.69
H	945.00	19.87	32.49	52.36	14.20	38.16	75.63	55.63	-23.27	-17.47
V	945.00	12.88	34.44	47.32	14.20	33.12	75.63	55.63	-28.31	-22.51
H	1260.00	43.71	-2.69	41.02	14.20	26.82	75.63	55.63	-34.61	-28.81
V	1260.00	40.01	-2.69	37.32	14.20	23.12	75.63	55.63	-38.31	-32.51
H	1575.00	58.11	-2.82	55.28	14.20	41.08	74.00	54.00	-18.72	-12.92
V	1575.00	48.21	-2.82	45.39	14.20	31.19	74.00	54.00	-28.61	-22.81
H	1890.00	55.93	0.21	56.13	14.20	41.93	75.63	55.63	-19.50	-13.70
V	1890.00	46.73	0.21	46.93	14.20	32.73	75.63	55.63	-28.70	-22.90
H	2205.00	51.24	0.95	52.19	14.20	37.99	74.00	54.00	-21.81	-16.01
V	2205.00	50.16	0.95	51.11	14.20	36.91	74.00	54.00	-22.89	-17.09
H	2520.0	57.17	2.30	59.47	14.20	45.27	75.63	55.63	-16.16	-10.36
V	2520.0	55.14	2.30	57.45	14.20	43.25	75.63	55.63	-18.18	-12.38
H	2835.0	46.23	2.99	49.22	14.20	35.02	74.00	54.00	-24.78	-18.98
V	2835.0	42.87	2.99	45.86	14.20	31.66	74.00	54.00	-28.14	-22.34
H	3150.0	50.23	3.69	53.91	14.20	39.71	75.63	55.63	-21.72	-15.92
V	3150.0	48.27	3.69	51.95	14.20	37.75	75.63	55.63	-23.68	-17.88

Note 1: When the harmonic emission falls into the 15.205 restriction band, use 15.209 limits.

Note 2: The radiated emission was verified over X, Y, Z Axis, and found the worst case is Y Axis. Only record the test data of this direction.

Note 3: For below 1GHz, Measure Level = Reading Level + Cable Loss + Antenna Factor; For above 1GHz, Measure Level = Reading Level + Cable Loss + Antenna Factor - Preamplifier Gain.

Note 4: For frequency higher than 1890MHz and other frequency, no significant emission detected.

For IC:

Mode 1: Transmitter

Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measured Peak Level (dBuV/m)	DCCF (dB)	Measured Averaged Level (dBuV/m)	Limit (dBuV/m)		Over Limit (dB)	
							PK	AV	PK	AV
H	315.06	50.39	21.16	71.54	14.20	57.34	95.63	75.63	-24.09	-18.29
V	315.00	32.49	24.49	56.97	14.20	42.77	95.63	75.63	-38.66	-32.86
H	630.00	12.54	29.51	42.06	14.20	27.86	75.63	55.63	-33.57	-27.77
V	630.00	14.01	27.13	41.14	14.20	26.94	75.63	55.63	-34.49	-28.69
H	945.00	19.87	32.49	52.36	14.20	38.16	75.63	55.63	-23.27	-17.47
V	945.00	12.88	34.44	47.32	14.20	33.12	75.63	55.63	-28.31	-22.51
H	1260.00	43.71	-2.69	41.02	14.20	26.82	74.00	54.00	-36.24	-30.44
V	1260.00	40.01	-2.69	37.32	14.20	23.12	74.00	54.00	-39.94	-34.14
H	1575.00	58.11	-2.82	55.28	14.20	41.08	74.00	54.00	-18.72	-12.92
V	1575.00	48.21	-2.82	45.39	14.20	31.19	74.00	54.00	-28.61	-22.81
H	1890.00	55.93	0.21	56.13	14.20	41.93	75.63	55.63	-19.50	-13.70
V	1890.00	46.73	0.21	46.93	14.20	32.73	75.63	55.63	-28.70	-22.90
H	2205.00	51.24	0.95	52.19	14.20	37.99	74.00	54.00	-21.81	-16.01
V	2205.00	50.16	0.95	51.11	14.20	36.91	74.00	54.00	-22.89	-17.09
H	2520.0	57.17	2.30	59.47	14.20	45.27	75.63	55.63	-16.16	-10.36
V	2520.0	55.14	2.30	57.45	14.20	43.25	75.63	55.63	-18.18	-12.38
H	2835.0	46.23	2.99	49.22	14.20	35.02	74.00	54.00	-24.78	-18.98
V	2835.0	42.87	2.99	45.86	14.20	31.66	74.00	54.00	-28.14	-22.34
H	3150.0	50.23	3.69	53.91	14.20	39.71	75.63	55.63	-21.72	-15.92
V	3150.0	48.27	3.69	51.95	14.20	37.75	75.63	55.63	-23.68	-17.88

Note 1: When the harmonic emission falls into the RSS-Gen restriction band, use RSS-Gen Clause 8.9 limits.

Note 2: The radiated emission was verified over X, Y, Z Axis, and found the worst case is Y Axis. Only record the test data of this direction.

Note 3: For below 1GHz, Measure Level = Reading Level + Cable Loss + Antenna Factor; For above 1GHz, Measure Level = Reading Level + Cable Loss + Antenna Factor - Preamplifier Gain.

Note 4: For frequency higher than 1890MHz and other frequency, no significant emission detected.

Test Result	Pass
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## 5. 20dB Bandwidth

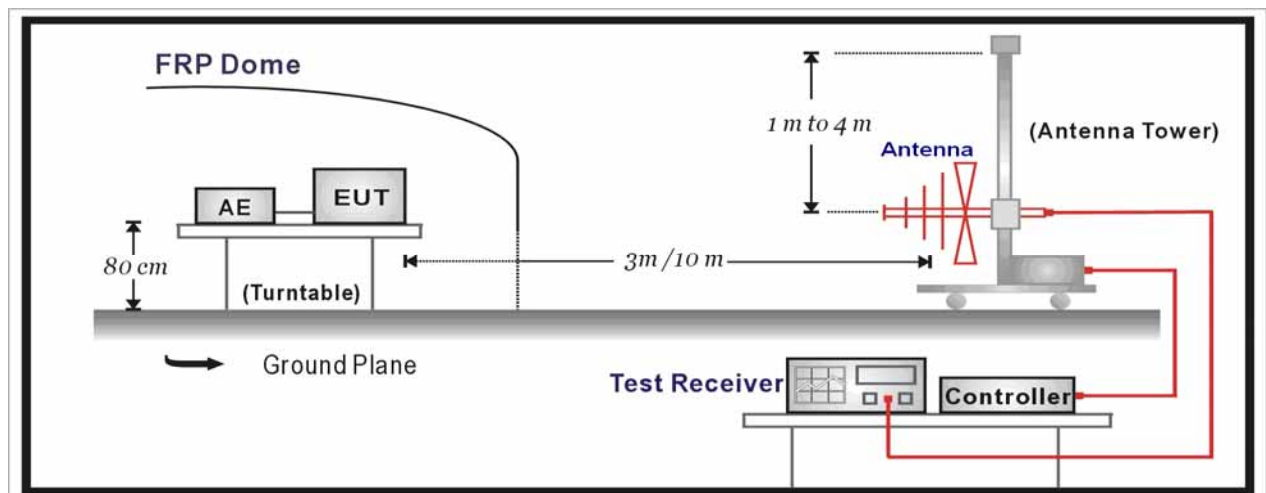
### 5.1. Test Equipment

20dB Bandwidth / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2016.03.10
Loop Antenna	R&S	HFH2-Z2	833799/003	2015.11.25
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2015.10.10
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2016.02.28
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2016.01.07

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

### 5.2. Test Setup



### 5.3. Limit

For FCC:

The 20 dB bandwidth of the emission shall be no wider than 0.25% of the center frequency.

Therefore, the 20dB bandwidth of the emission limit shall be  $315\text{MHz} \times 0.25\% = 0.7875\text{MHz}$ .

For IC:

For the purpose of Section A1.1, the 99% bandwidth shall be no wider than 0.25% of the centre frequency for devices operating between 70 MHz and 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the centre frequency

### 5.4. Test Procedure

For FCC:

The EUT was tested according to ANSI C63.10: 2013 for compliance to FCC 47CFR 15.231(c) requirements.

Set RBW = 10 kHz, VBW = 30kHz, Span=1MHz, use 20dB bandwidth function to test the result.

For IC:

The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the occupied bandwidth (OBW) and video bandwidth (VBW) shall be approximately 3x RBW, the transmitted signal bandwidth shall be reported as the 99% emission bandwidth, as calculated or measured.

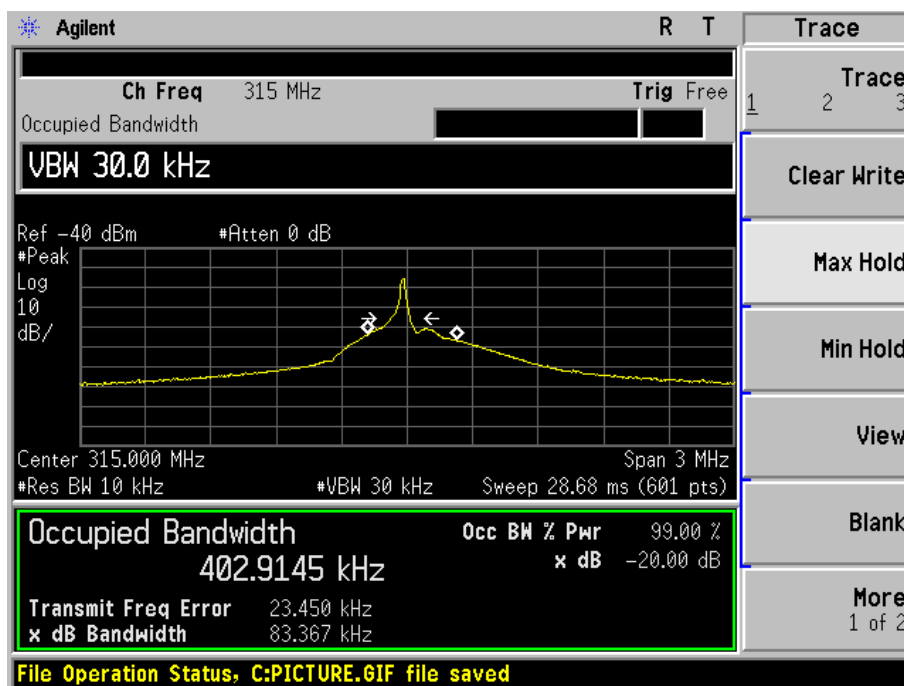
## 5.5. Uncertainty

The measurement uncertainty is defined as  $\pm 1$  kHz

## 5.6. Test Result

Product	:	Garment steamer
Test Item	:	20dB Bandwidth
Test Site	:	AC-3
Test Mode	:	Mode 1: Transmit

Frequency (MHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)	Limit (kHz)	Result
315	83.367	402.9145	787.5	Pass



## 6. Release Time Measurement

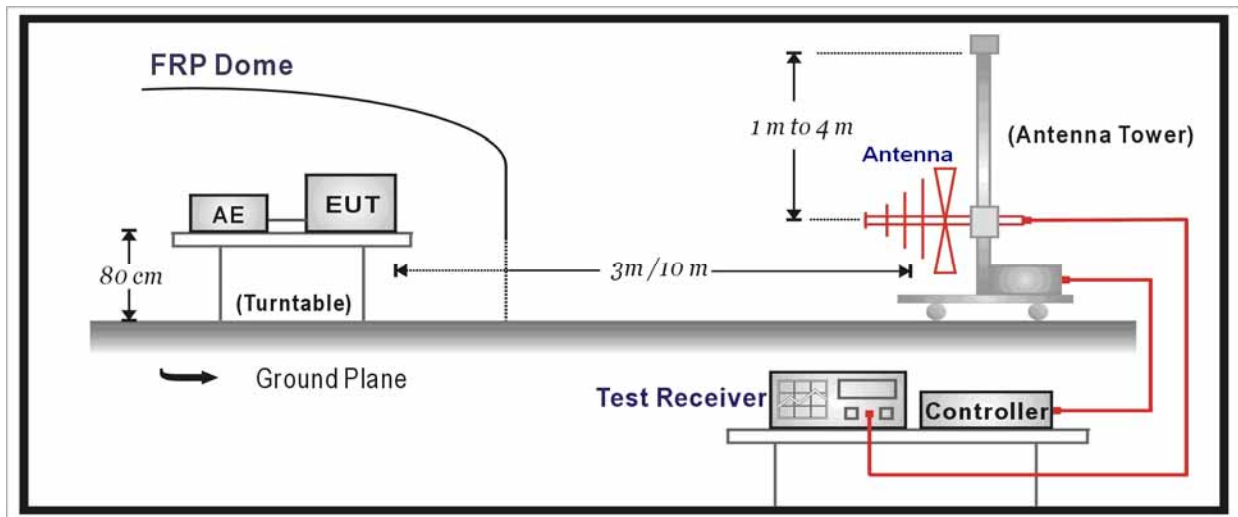
### 6.1. Test Equipment

20dB Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100573	2016.03.10
Loop Antenna	R&S	HFH2-Z2	833799/003	2015.11.25
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2015.10.10
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2016.02.28
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC2-TH	2016.01.07

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

### 6.2. Test Setup



### 6.3. Limit

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

### 6.4. Test Procedure

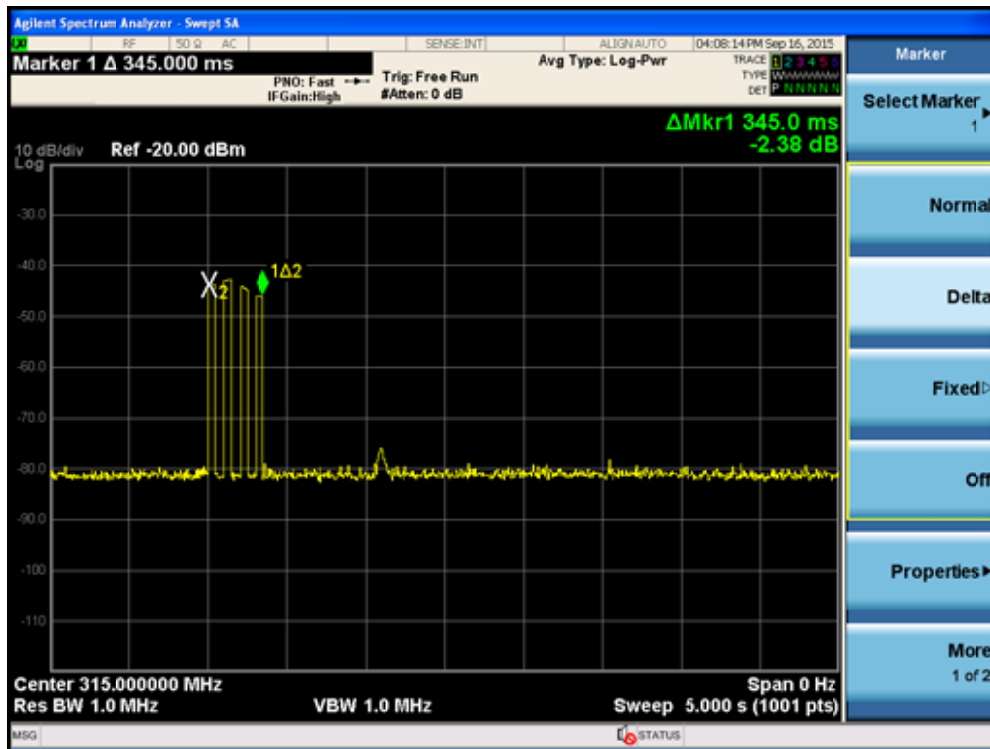
The EUT was tested under radiated method. Set the center frequency at the operating frequency and set the span to zero. Set suitable sweep time and capture the transmission after make the switch on. After release the switch record the time plots to check the release time.

### 6.5. Uncertainty

The measurement uncertainty is defined as  $\pm 0.00005\text{ms}$ .

## 6.6. Test Result

Press on the EUT and then release, and it will be shut down within 345ms, cease transmitting within 5s, so the test result for this item is pass. The release time is marked as Mkr1 and the stop transmitting time is marked as  $\Delta$ Mkr1.



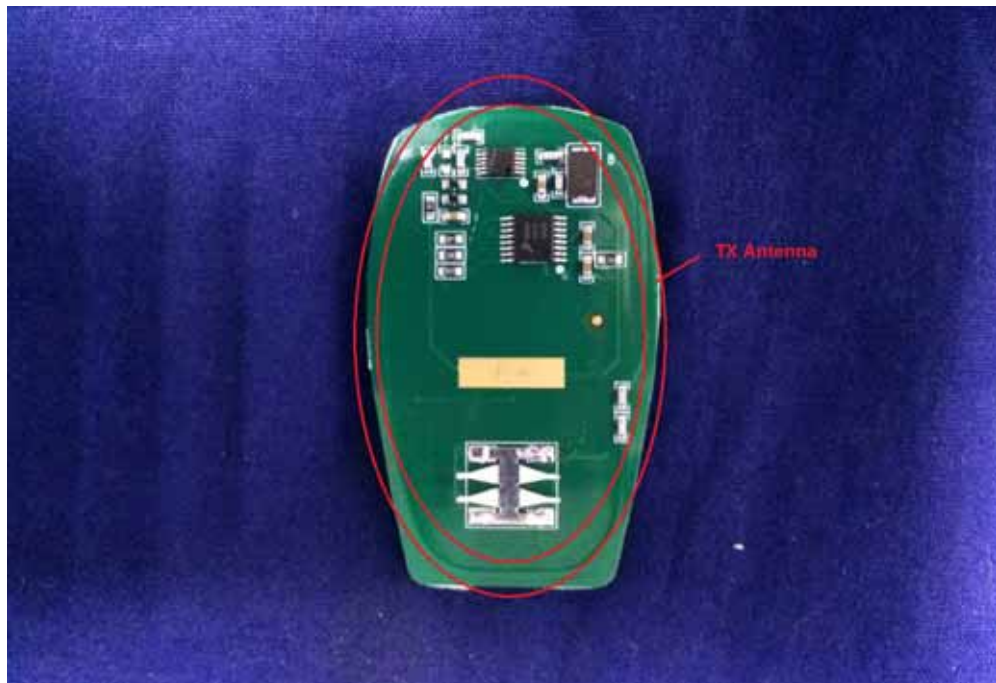
## 7. Antenna Requirement

### 7.1. Requirement

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

### 7.2. Result

The EUT is equipped with integrate antenna, which can't be replaced by other antenna. So the EUT complied with the antenna requirement of section 15.203.



— The End —