

## TEST REPORT

**Report Number: 104086841MPK-066**  
**Project Number: G104086841**  
**Original Issue Date: September 03, 2020**  
**Revision Issue Date: September 28, 2020**

**Testing performed on**  
**Veritas Vision System (Remote Control Receiver)**  
**Model: VRT680300**  
**to**

**ARIB STD T66 (Edition 3.7)**

**For**

**Johnson & Johnson Surgical Vision, Inc.**


**Test Performed by:**

Intertek  
1365 Adams Court  
Menlo Park, CA 94025 USA

**Test Authorized by:**


Johnson & Johnson Surgical Vision, Inc.  
1700 East St., Andrew Place  
Santa Ana, CA 92705 USA

Prepared by: \_\_\_\_\_

  
Anderson Soungpanya

**Date:** September 03, 2020

Reviewed by: \_\_\_\_\_

  
Krishna Vemuri

**Date:** September 03, 2020

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<b>VERIFICATION OF COMPLIANCE</b> <b>Report No. 104086841MPK-066</b> Verification is hereby issued to the named APPLICANT and is VALID ONLY for the equipment identified hereon for use under the rules and regulations listed below.	
<b>Equipment Under Test:</b>	Veritas Vision System (Remote Control Receiver)
<b>Model Number(s):</b>	VRT680300
<b>Applicant:</b>	Johnson & Johnson Surgical Vision, Inc.
<b>Contact:</b>	Kathryn Lockwood
<b>Address:</b>	Johnson & Johnson Surgical Vision, Inc. 1700 East St., Andrew Place Santa Ana, CA 92705
<b>Country:</b>	USA
<b>Tel. Number:</b>	(714) 247-8677
<b>Email:</b>	klockwoo@its.jnj.com
<b>Applicable Regulation:</b>	ARIB STD T66, Edition 3.7
<b>Date(s) of Test:</b>	May 11 – June 17, 2020

***We attest to the accuracy of this report:***



Anderson Sounghpanya  
Project Engineer



Krishna Vemuri  
EMC Manager

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## 1.0 Summary of Tests

Test	Reference	Result
Antenna Power	Clause 3.2 (2)	Complies
Tolerance deviation for antenna power	Clause 3.2 (3)	Complies
Frequency Tolerance	Clause 3.2 (4)	Complies
Transmission Rate	Clause 3.2 (5)	N/A
Spurious Emissions	Clause 3.2 (6)	Complies
Occupied Bandwidth	Clause 3.2 (7)	Complies
Spread Bandwidth	Clause 3.2 (8)	N/A
Spreading Factor	Clause 3.2 (9)	N/A
Number of Carriers	Clause 3.2 (10)	N/A
Dwell Time	Clause 3.2 (11)	N/A
Receiver Emissions	Clause 3.3 (1)	Complies
Interference Prevention Function	Clause 3.4 (1)	Complies
Carrier Sense	Clause 3.4 (3)	N/A

**EUT receive date:** March 20, 2020

**EUT receive condition:** The pre-production version of the EUT was received in good condition with no apparent damage. As declared by the Applicant, it is identical to the production units.

**Test start date:** May 11, 2020

**Test completion date:** June 17, 2020

The test results in this report pertain only to the item tested.

## 2.0 General Information

### 2.1 Product Description

Johnson & Johnson Surgical Vision, Inc. supplied the following description of the EUT:

The equipment under test is the Veritas Vision System's radios using Bluetooth Low Energy transmitter operating at 2.4 GHz. Specifically, this report covers the Remote-Control Receiver.

For more information, refer to the following product specification, declared by the manufacturer.

Information about the 2.4 GHz radio is presented below:

<b>Applicant</b>	Johnson & Johnson Surgical Vision, Inc.
<b>Model No.</b>	VRT680300
<b>Type of transmission</b>	Bluetooth Low Energy (BLE)
<b>Rated Power</b>	-1.5 dBm
<b>Antenna(s) &amp; Gain</b>	Internal Antenna: 2.5 dBi Gain
<b>Frequency Range</b>	2402 – 2480 MHz
<b>Nominal Operating Voltage</b>	100V 50/60Hz
<b>Type of /data rate</b>	GFSK
<b>Data Rate</b>	1Mbit/s
<b>Number of Channel(s)</b>	40, (Channels 0-39)
<b>Applicant Name &amp; Address</b>	Johnson & Johnson Surgical Vision, Inc. 1700 East St., Andrew Place Santa Ana, CA 92705 USA

## 2.2 Test Facility

The test site used to collect the data is at:

Intertek  
1365 Adams Court  
Menlo Park, CA 94025 USA

This test facility and site measurement data have been fully placed on file with the FCC, IC and A2LA accredited.

## 2.3 Test Methodology

Measurements were conducted pursuant to “Technical Regulations Conformity Certification; Radio Equipment Characteristics Testing Method” (established by the Telecom Engineering Center). Note, however, that measurement of items other than those prescribed herein shall be conducted pursuant to methods accepted as common practice.

## 2.4 Measurement Uncertainty

Compliance with the limits was based on the results of the measurements and does not take into account the measurement uncertainty.

Estimated Measurement Uncertainty

Measurement	Expanded Uncertainty (k=2)		
	0.15 MHz – 1 GHz	1 GHz – 2.5 GHz	> 2.5 GHz
RF Power and Power Density – antenna conducted	-	0.7 dB	-
Unwanted emissions - antenna conducted	1.1 dB	1.3 dB	1.9 dB
Bandwidth – antenna conducted	-	30 Hz	-

### 3.0 System Test Configuration

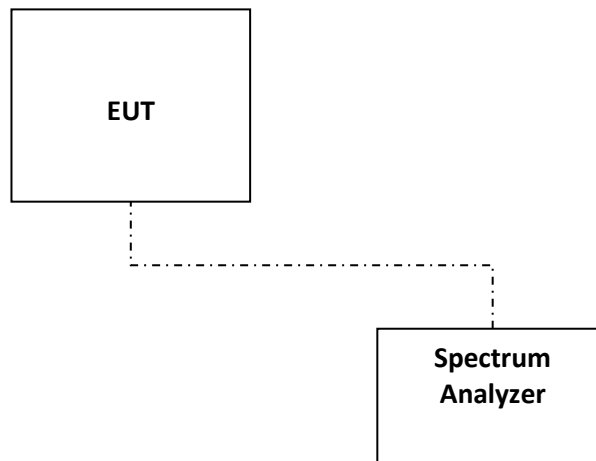
#### 3.1 Support Equipment

None

#### 3.2 Block Diagram of Test Setup

Equipment Under Test			
Type	Model #	Manufacturer	S/N
Veritas Vision System (Console)	VRT680300	Johnson & Johnson Surgical Vision, Inc.	208940112

Antenna was removed and co-axial connector with a cable was installed for Conducted Measurements.



<b>S</b> = Shielded	<b>F</b> = With Ferrite
<b>U</b> = Unshielded	<b>m</b> = Length in Meters

### 3.3 Justification

For conducted emission measurements the EUT was connected directly to the spectrum analyzer.

### 3.4 Software Exercise Program

The EUT exercise program used during testing was provided by Johnson & Johnson Surgical Vision, Inc.

### 3.5 Mode of Operation during Test

During transmitter testing, the transmitter was setup to transmit at maximum RF power on low, middle and high frequencies/channels.

### 3.6 Modifications Required for Compliance

No modifications were made by the manufacturer or Intertek to the EUT in order to bring the EUT into compliance.

### 3.7 Additions, Deviations and Exclusions from Standards

No additions, deviations or exclusions from the standard were made.



## 4.0 Measurement Results

### 4.1 Antenna Power and Antenna Power Tolerance

#### 4.1.1 Requirement

a. The antenna power of a transmitting equipment (with a frequency band of 2,400 - 2,483.5 MHz, for spread spectrum systems using FH systems, hybrid systems of DS and FH, or hybrid systems of FH and OFDM) shall be such that the mean power within a bandwidth of 1 MHz is 3 mW or less in the case of modulation using a standard coding test signal with the same transmission rate as that of the modulation signal.

b. The antenna power of a transmitting equipment using a spread spectrum system other than any of those in “a” and the OFDM system shall be such that the mean ARIB STD-T66 power within a bandwidth of 1 MHz is 10 mW or less in the case of modulation using a standard coding test signal with the same transmission rate as that of the modulation signal.

- For a transmitter with an occupied bandwidth of 26MHz or less, it must be 10mW or less with the maximum EIRP shall be 12.14dBm/MHz.

- For a transmitter with an occupied bandwidth greater than 26MHz and less than 38MHz, it must be 5mW or less with the maximum EIRP shall be 9.14dBm/MHz.

c. The antenna power of a transmitting equipment using systems other than any of those in “a” or “b” shall be 10 mW or less.

Tolerance of the antenna power shall be between -80% and +20% of the rated power.

#### 4.1.2 Procedure

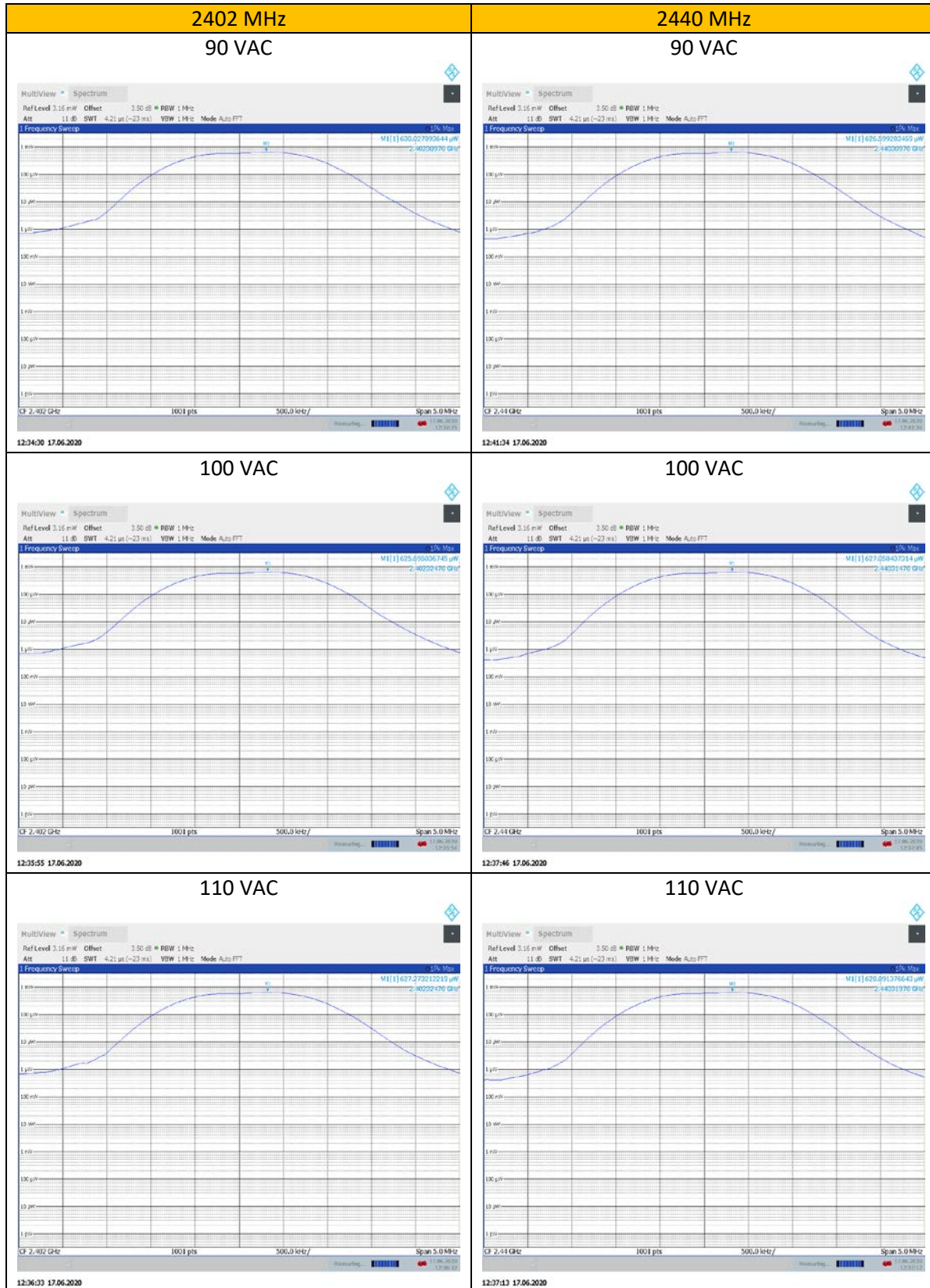
Search for the maximum power frequency:

- Center frequency: Operational frequency specified by the applicant;
- Frequency range: About 1.5 times as large as the occupied bandwidth measured in subclause 4;
- RBW: 1MHz;
- VBW: Equivalent to RBW;
- Scale of Y axis: 10dB / Div;
- Sweep time: Least time keeping measurement accuracy;
- Quantity of sampling: More than 400 points;
- Sweep mode: Continues sweep;
- Detecting mode: Peak
- Trace mode: Max hold.

## 4.4.3 Test Result

Frequency	Measured Antenna power			Measured Antenna power		
(MHz)	(dBm)			(mW)		
	90VAC	100VAC	110VAC	90VAC	100VAC	110VAC
2402	-2.01	-2.04	-2.03	0.630	0.625	0.627
2440	-2.03	-2.03	-2.01	0.627	0.627	0.629
2480	-2.03	-2.02	-2.04	0.626	0.628	0.625
<b>Note:</b> <ul style="list-style-type: none"><li>- Per manufacture: maximum rated power is -1.50 dBm or 0.71 mW Antenna gain is +2.5 dBi.</li><li>- Tolerance of antenna power limit (-80% to +20%): -8.49 to -0.71 dBm.</li></ul>						
Remote Control Receiver	Frequency (MHz)	Worst Case Maximum EIRP (dBm/MHz)		EIRP Limit (dBm/MHz)		Result
	2402	0.490		12.14		Pass
	2440	0.490		12.14		Pass
	2480	0.480		12.14		Pass
Per manufacture: Antenna gain is +2.50 dBi.						

Test Date(s)	Results
June 17, 2020	Complies





90 VAC

100 VAC

110 VAC

## 4.2 Frequency Tolerance

### 4.2.1 Requirement

The frequency error shall be 50 ppm or less.

### 4.2.2 Procedure

A spectrum analyzer was connected to the antenna port of the transmitter.

This test was conducted on Low, Mid and High channels in carrier Tx mode at nominal voltage and  $\pm 10\%$ .

Calculate frequency tolerance by below formula:

Frequency Tolerance =  $[\text{absolute value of } (1 - \text{Reference Frequency} / \text{Measured Frequency})] * 1000000$

### 4.2.3 Test Result

Remote Control Receiver	Frequency (MHz)	Frequency Tolerance (ppm)			Limit (ppm)	Result
		90V <sub>AC</sub>	100V <sub>AC</sub>	110V <sub>AC</sub>		
	2402	44.3	44.3	44.3	$\pm 50$	Pass
	2440	44.3	44.3	44.3	$\pm 50$	Pass
	2480	44.3	44.3	44.3	$\pm 50$	Pass

Test Date(s)	Results
May 11, 2020	Complies

## 4.3 Occupied Bandwidth

### 4.3.1 Requirement

Occupied Bandwidth:

- FHSS  $\leq 83.5$  MHz
- OFDM  $\leq 26$  MHz
- Others  $\leq 26$  MHz

### 4.3.2 Procedure

(1) The spectrum analyzer shall setup as following:

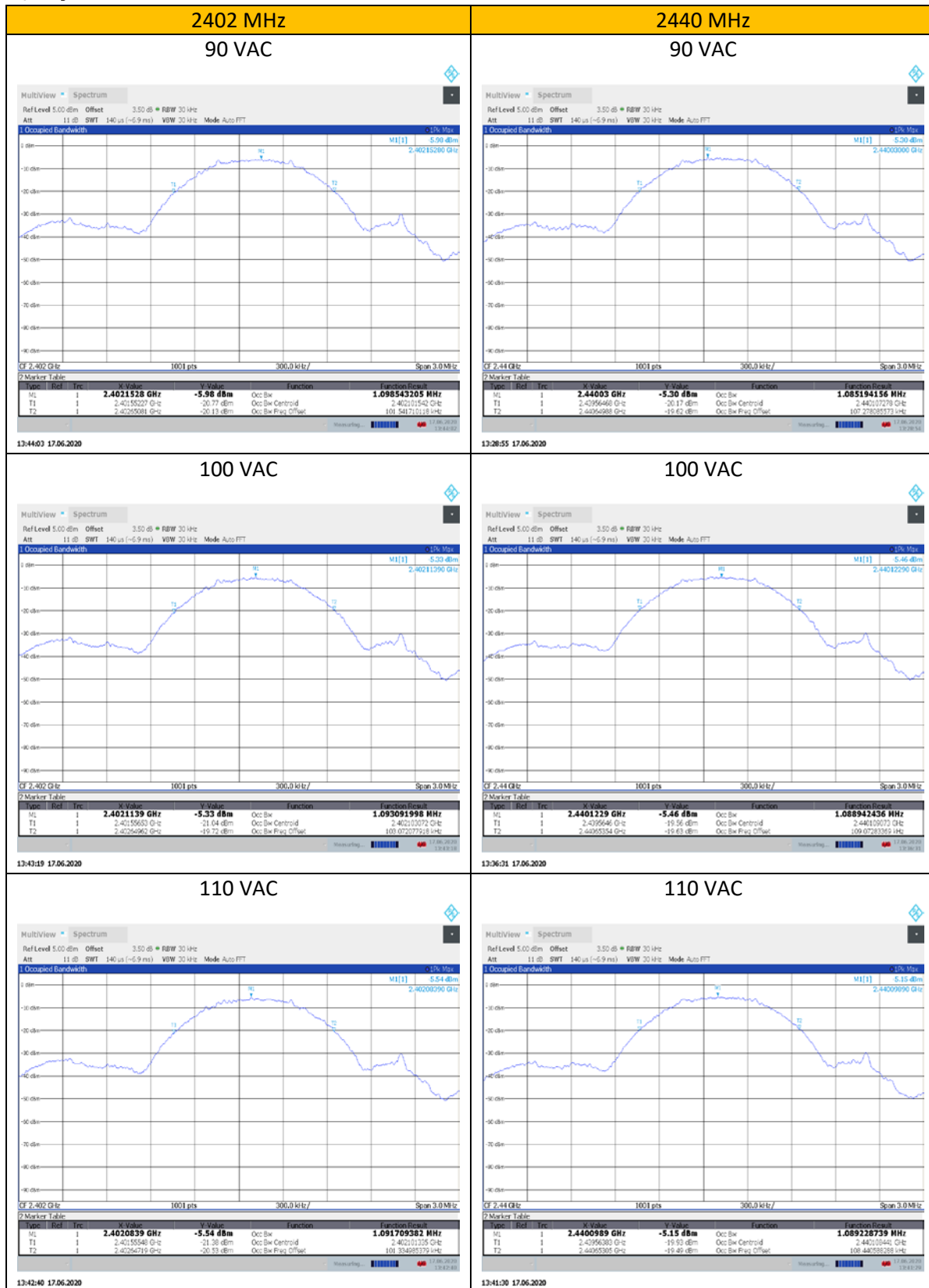
- . Center frequency: Operational frequency;
- . Span: 1.5 to 3.5 times of the specified limit;
- . RBW: Less than 3% of the specified limit;
- . VBW: Equivalent to RBW;
- . Scale of Y axis: 10dB / Div;
- . Sweep time: Least time keeping measurement accuracy; (Where burst signal is measured, 1 sampling time shall include at least 1 burst signal.)
- . Quantity of sampling: More than 400 points;
- . Sweep mode: Continuous sweep;
- . Detecting mode: Max hold.

(2) Enable OBW function of spectrum analyzer to measure OBW.

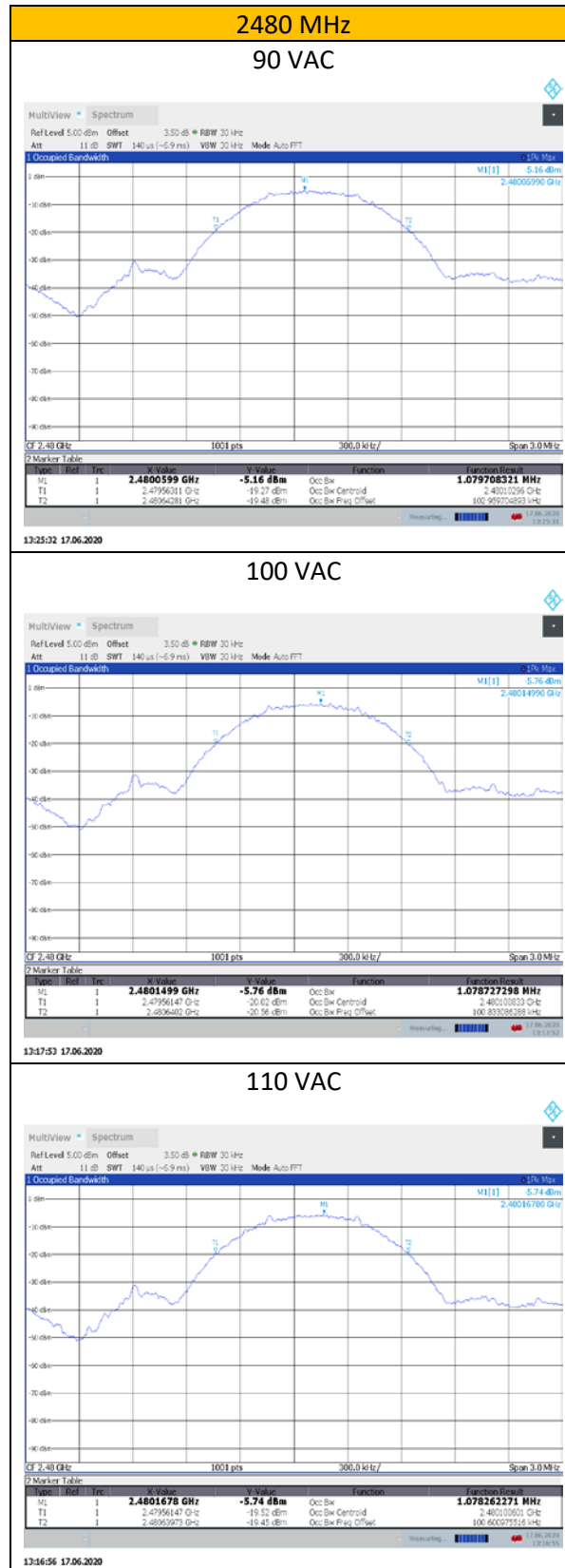
#### 4.3.3 Test Result

Frequency (MHz)	Occupied Bandwidth for each channel (MHz)			Limit (MHz)	Result
	90V <sub>AC</sub>	100V <sub>AC</sub>	110V <sub>AC</sub>		
2402	1.099	1.093	1.092	≤ 26	Pass
2440	1.085	1.089	1.089	≤ 26	Pass
2480	1.080	1.079	1.078	≤ 26	Pass

Test Date(s)	Results
June 17, 2020	Complies







#### 4.4 Spreading Bandwidth (90% Power Bandwidth) and Spreading Factor

##### 4.4.1 Requirement

In spread spectrum systems, spread bandwidth (which refers to a frequency bandwidth with an upper limit and lower limit such that each of the mean powers radiated above the upper frequency limit and below the lower frequency limit is equal to 5 % of the total mean power radiated; this also applies hereafter) shall be 500 kHz or more.

For the transmitter operating in the frequency from 2400MHz to 2483.5MHz, the spreading factor should be  $\geq 5$ .

##### 4.4.2 Procedure

(1) The spectrum analyzer shall setup as following:

- . Center frequency: Operational frequency;
- . Span: 1.5 to 3.5 times of the specified limit;
- . RBW: Less than 3% of the specified limit;
- . VBW: Equivalent to RBW;
- . Scale of Y axis: 10dB / Div;
- . Sweep time: Least time keeping measurement accuracy; (Where burst signal is measured, 1 sampling time shall include at least 1 burst signal.)
- . Quantity of sampling: More than 400 points;
- . Sweep mode: Continuous sweep;
- . Detecting mode: Max hold.

(2) Enable OBW function of spectrum analyzer to measure OBW.

##### 4.4.3 Test Result

Not Applicable

#### 4.5 Spurious Emissions

##### 4.5.1 Requirement

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency  $f$  other than frequency band used shall be as follows:

- a.  $2,387 \text{ MHz} \leq f \leq 2,400 \text{ MHz}$  and  $2,483.5 \text{ MHz} < f \leq 2,496.5 \text{ MHz}$  25  $\mu\text{W}$  or less
- b.  $2,387 \text{ MHz} > f$  and  $2,496.5 \text{ MHz} < f$  2.5  $\mu\text{W}$  or less

##### 4.5.2 Procedure

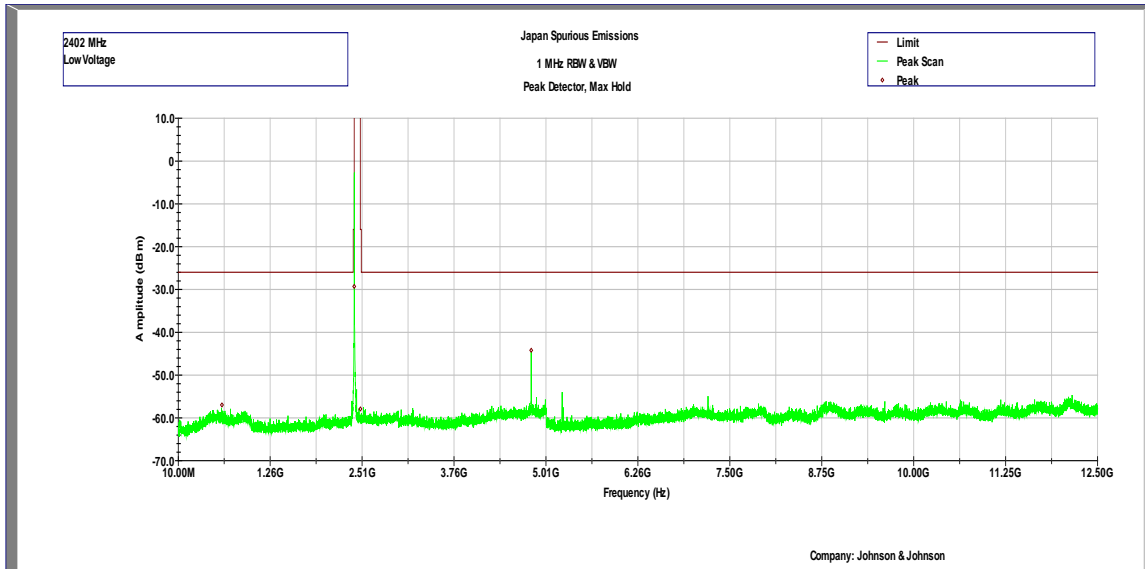
1. Set EUT to transmit at Low, Mid or High channel.
2. Set spectrum analyzer settings to the following:
  - Frequency range: according to the limits
  - RBW: 1MHz;
  - VBW: Equivalent to RBW;
  - Scale of Y axis: 10dB / Div;
  - Sweep time: Least time keeping measurement accuracy;
  - Quantity of sampling: More than 400 points;
  - Sweep mode: Continues sweep;
  - Detecting mode: Positive peak hold;
  - Trace mode: Max hold.
3. Measure highest emission in each frequency range.

##### 4.5.3 Test Result

Test Date(s)	Results
June 17, 2020	Complies

Spurious Emissions 10 MHz – 12.5 GHz;

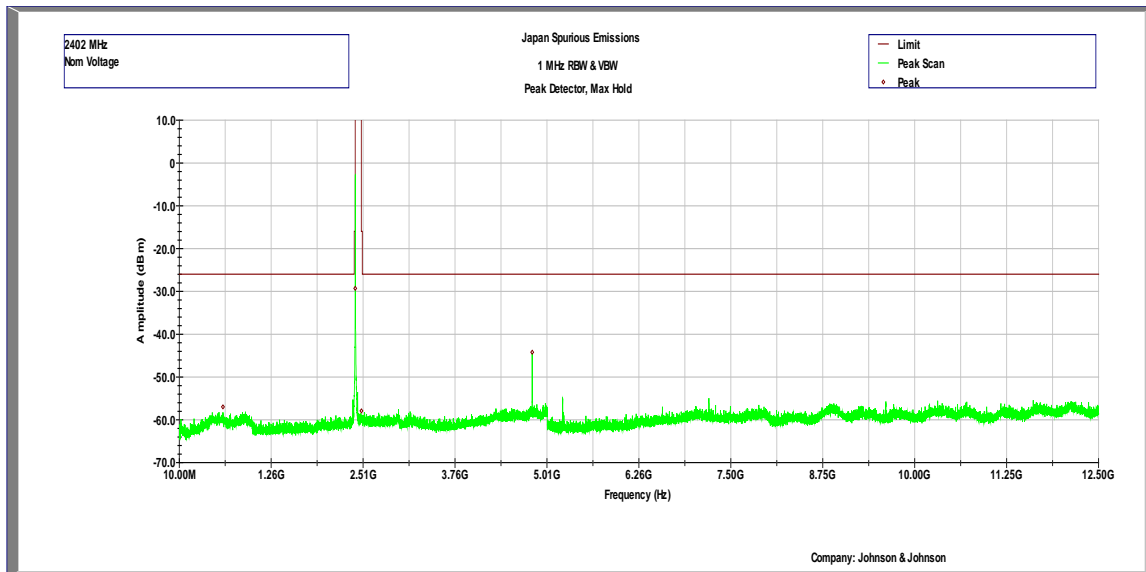
Remote Control Receiver, 2402 MHz, 90 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.6034	-56.98	-26	Pass
2.387 – 2.400	2.4000	-29.32	-16	Pass
2.4835 – 2.4965	2.4847	-57.91	-16	Pass
2.4965 – 12.500	4.8049	-44.21	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

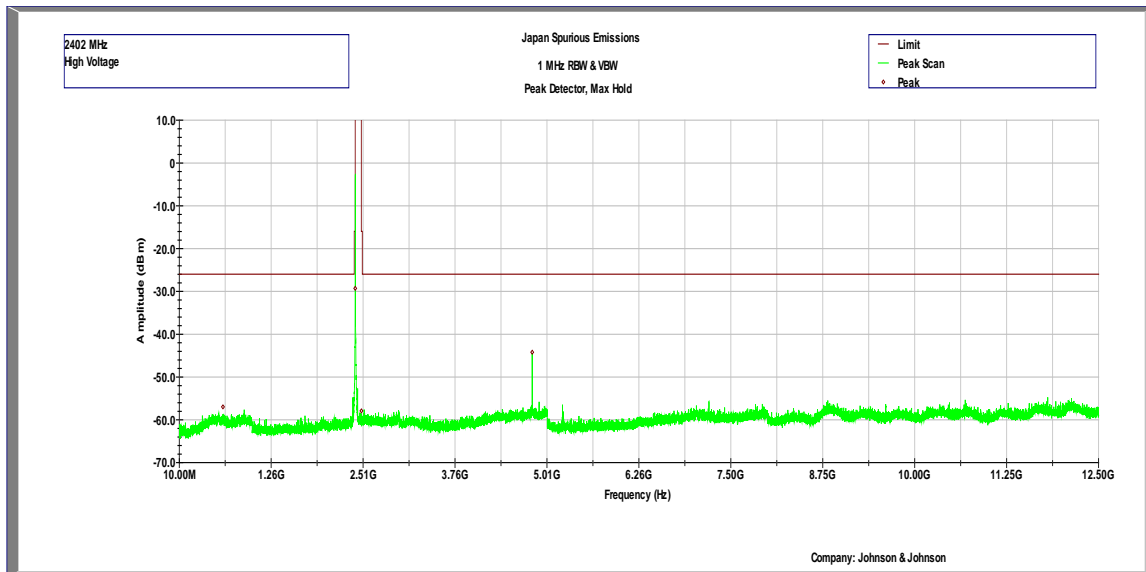
### Remote Control Receiver, 2402 MHz, 100 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.6035	-56.48	-26	Pass
2.387 – 2.400	2.400	-29.22	-16	Pass
2.4835 – 2.4965	2.4846	-57.98	-16	Pass
2.4965 – 12.500	4.8049	-44.32	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

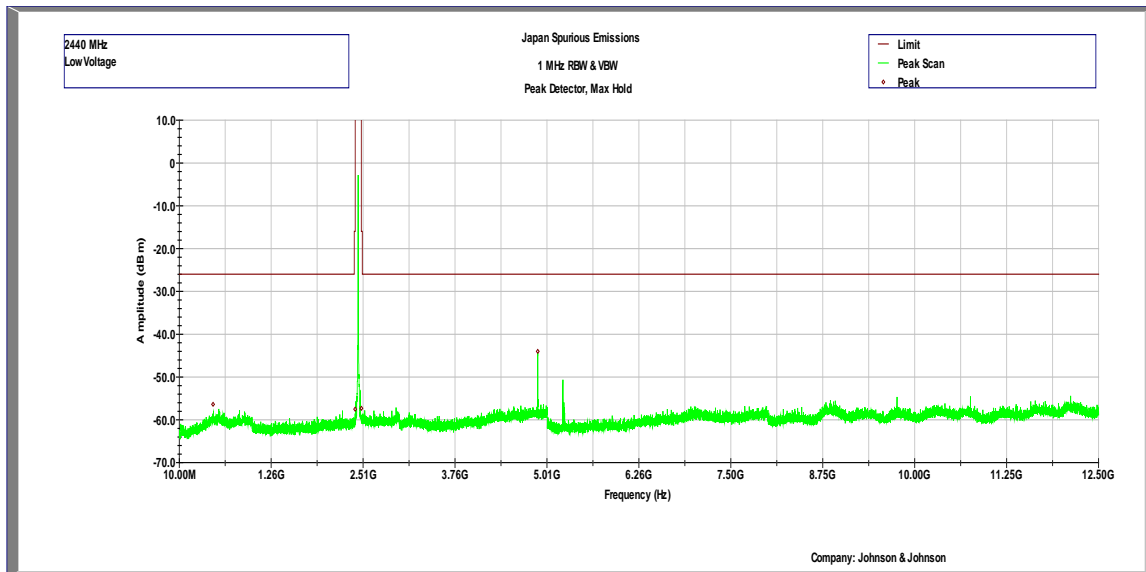
### Remote Control Receiver, 2402 MHz, 110 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.6034	-56.56	-26	Pass
2.387 – 2.400	2.400	-29.29	-16	Pass
2.4835 – 2.4965	2.4840	-57.83	-16	Pass
2.4965 – 12.500	4.8049	-44.64	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

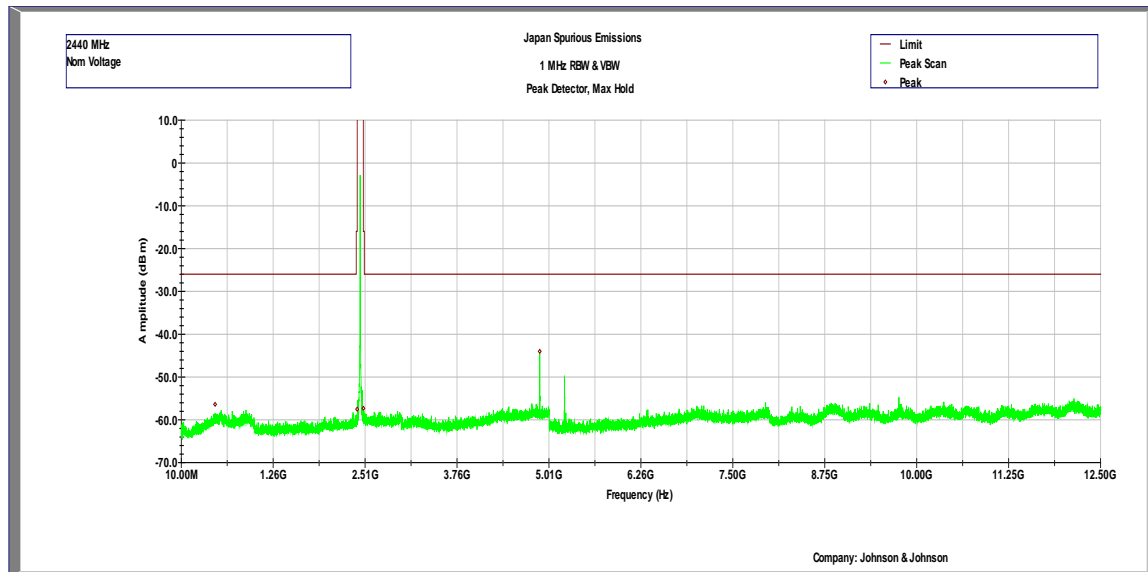
### Remote Control Receiver, 2440 MHz, 90 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.4702	-56.44	-26	Pass
2.387 – 2.400	2.3978	-57.28	-16	Pass
2.4835 – 2.4965	2.4841	-57.09	-16	Pass
2.4965 – 12.500	4.8806	-44.19	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

### Remote Control Receiver, 2440 MHz, 100 VAC

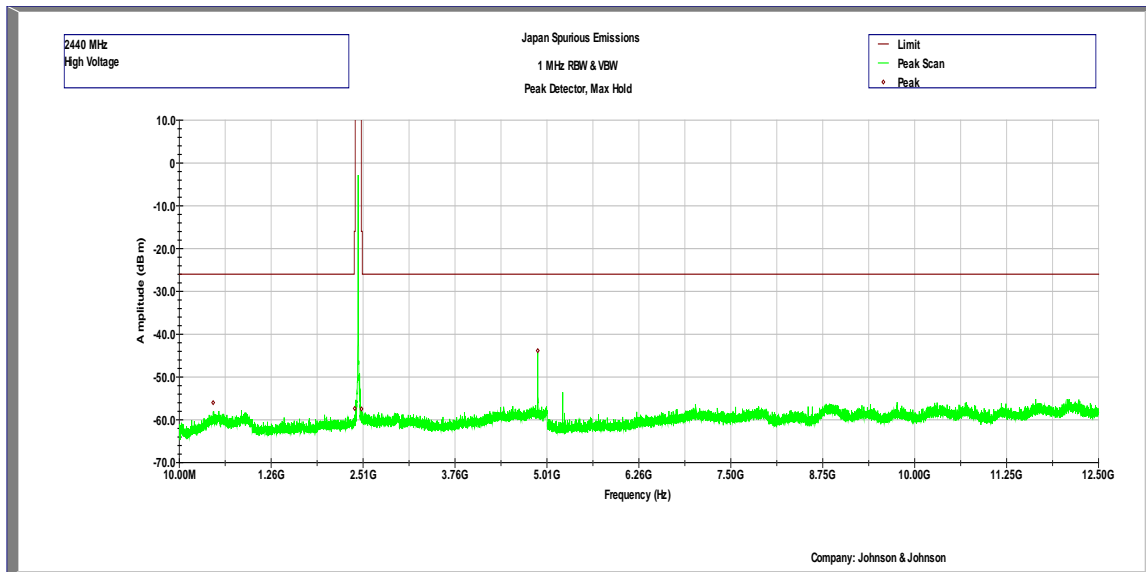


Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.4693	-56.39	-26	Pass
2.387 – 2.400	2.3987	-57.52	-16	Pass
2.4835 – 2.4965	2.4840	-57.32	-16	Pass
2.4965 – 12.500	4.8806	-44.02	-26	Pass



## Spurious Emissions 10 MHz – 12.5 GHz;

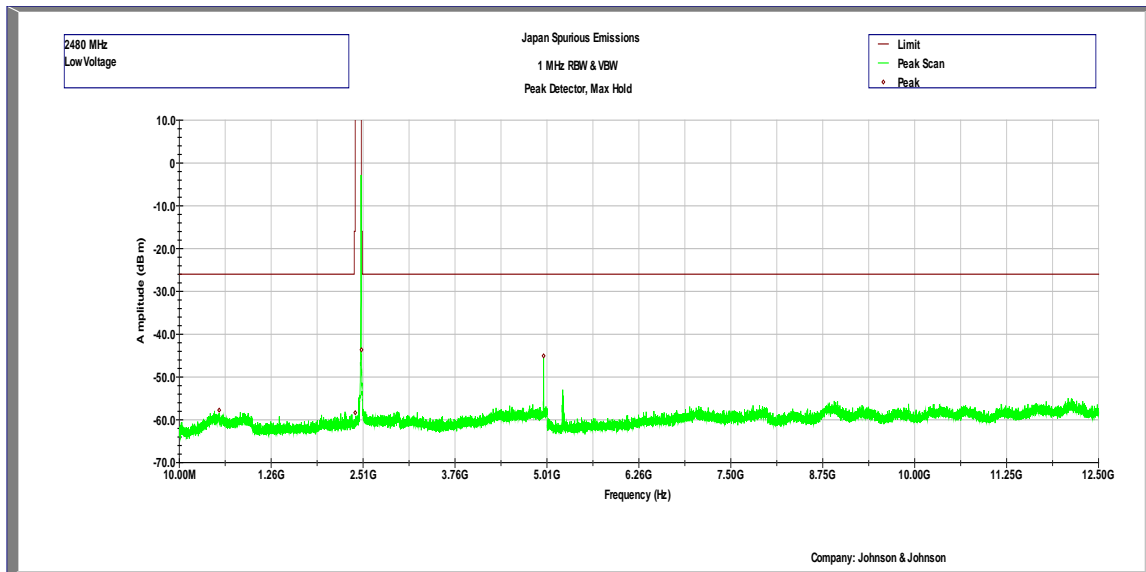
### Remote Control Receiver, 2440 MHz, 110 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.4704	-55.99	-26	Pass
2.387 – 2.400	2.3947	-57.37	-16	Pass
2.4835 – 2.4965	2.4857	-57.47	-16	Pass
2.4965 – 12.500	4.8806	-43.85	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

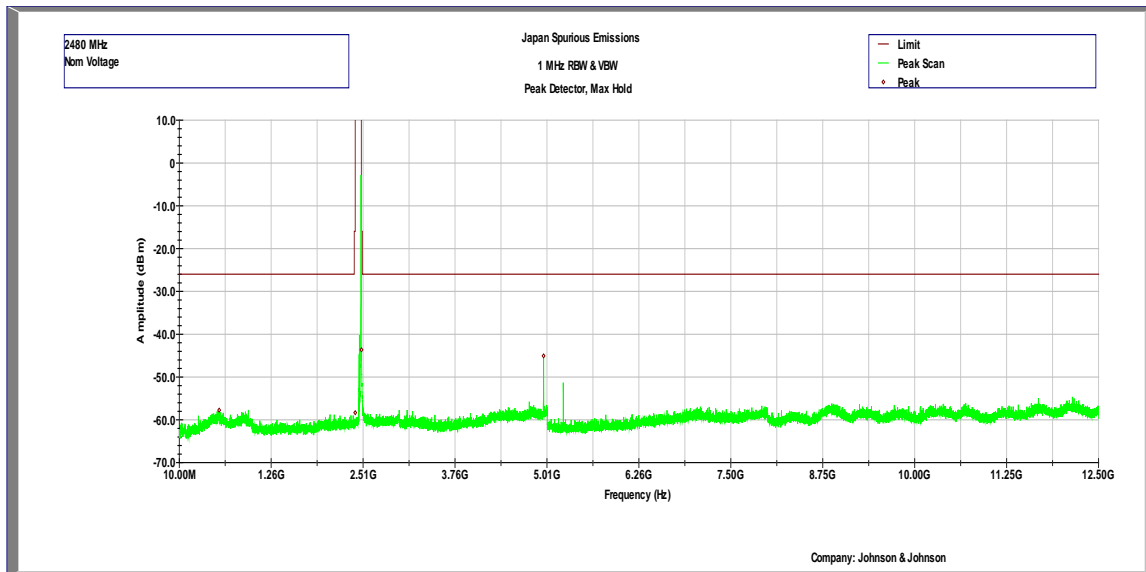
### Remote Control Receiver, 2480 MHz, 90 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.5523	-57.74	-26	Pass
2.387 – 2.400	2.3999	-58.35	-16	Pass
2.4835 – 2.4965	2.4858	-43.66	-16	Pass
2.4965 – 12.500	4.9596	-45.07	-26	Pass

Spurious Emissions 10 MHz – 12.5 GHz;

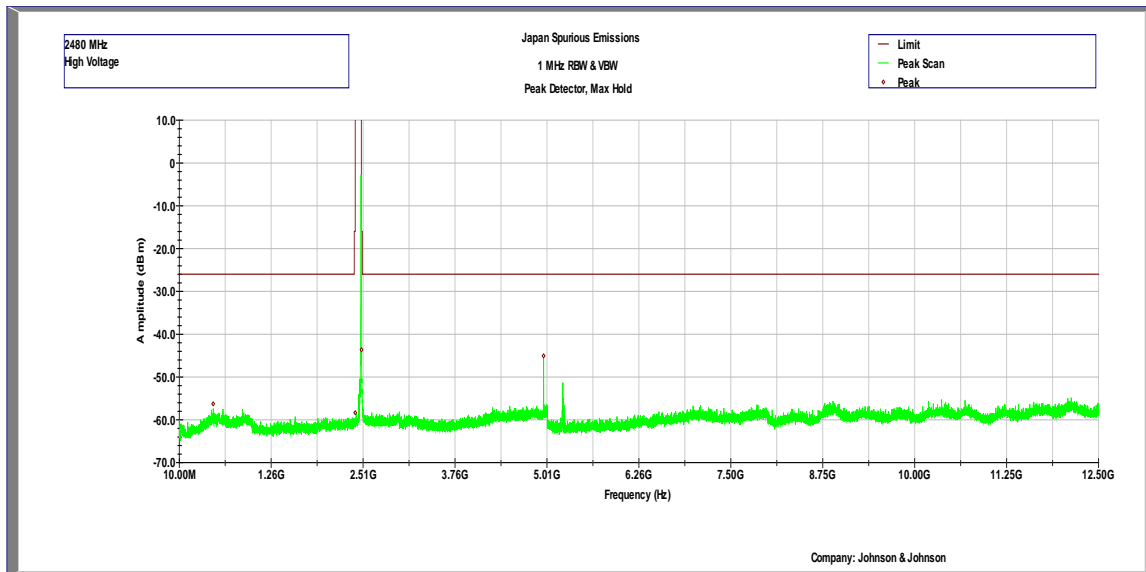
Remote Control Receiver, 2480 MHz, 100 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.5530	-57.84	-26	Pass
2.387 – 2.400	2.3973	-58.48	-16	Pass
2.4835 – 2.4965	2.4858	-43.56	-16	Pass
2.4965 – 12.500	4.9596	-45.18	-26	Pass

## Spurious Emissions 10 MHz – 12.5 GHz;

### Remote Control Receiver, 2480 MHz, 110 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 2.387	0.4702	-56.29	-26	Pass
2.387 – 2.400	2.3999	-58.35	-16	Pass
2.4835 – 2.4965	2.4858	-43.66	-16	Pass
2.4965 – 12.500	4.9596	-45.07	-26	Pass

#### 4.6 Number of Carriers

##### 4.6.1 Requirement

For OFDM, the number of carriers per 1MHz bandwidth must be 1 or more.

##### 4.6.2 Procedure

A spectrum analyzer was connected to the antenna port of the transmitter and the OFDM signal was observed.

##### 4.6.3 Test Result

Not Applicable.

## 4.7 Receiver Emissions

### 4.7.1 Requirement

The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4 nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit.

### 4.7.2 Procedure

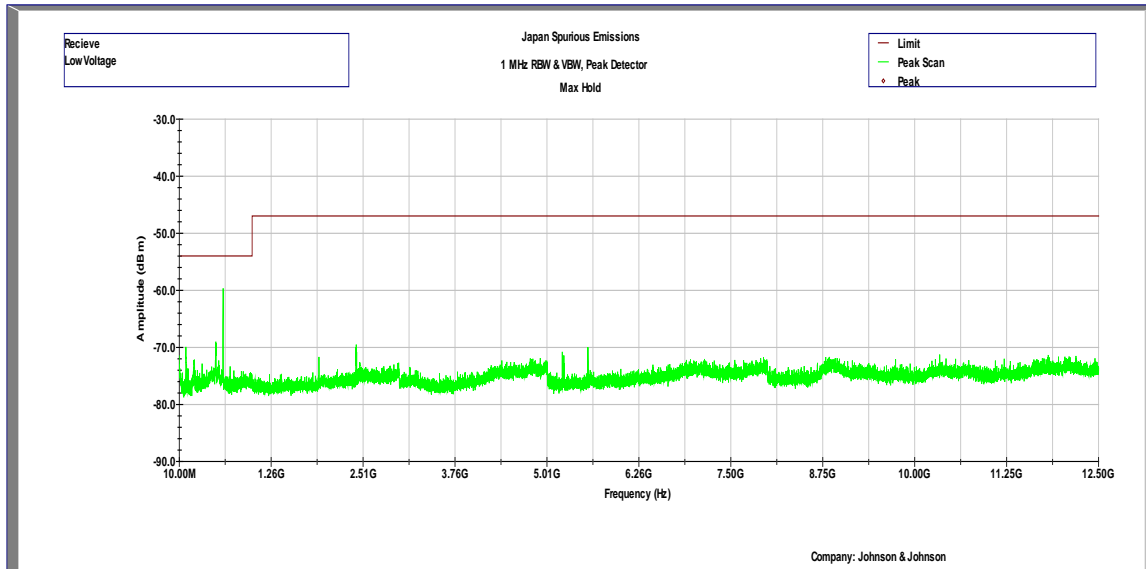
1. Set EUT to receive at Low, Mid or High channel.
2. Set spectrum analyzer settings to the following:
  - Frequency range: according to the limits
  - RBW: 1MHz;
  - VBW: Equivalent to RBW;
  - Scale of Y axis: 10dB / Div;
  - Sweep time: Least time keeping measurement accuracy;
  - Quantity of sampling: More than 400 points;
  - Sweep mode: Continues sweep;
  - Detecting mode: Positive peak hold;
  - Trace mode: Max hold.
3. Measure highest emission in each frequency range.

### 4.7.3 Test Result

Test Date(s)	Results
June 17, 2020	Complies

## Receiver Emissions 10 MHz – 12.5 GHz;

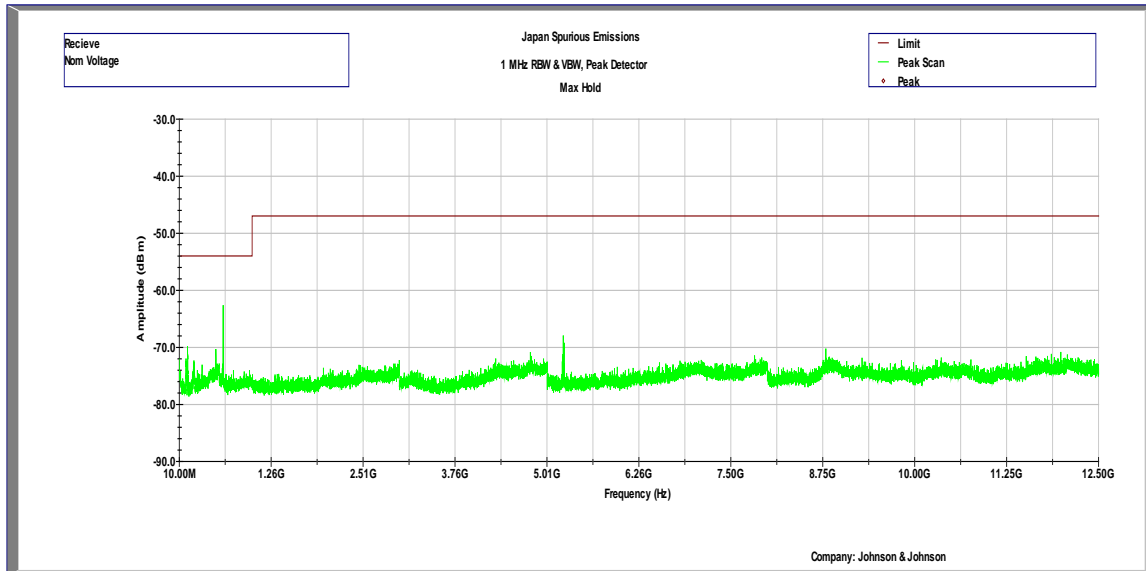
### Remote Control Receiver, 90 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 1.000	0.6048	-61.50	-57	Pass
1.000 – 12.500	2.4135	-69.51	-47	Pass

## Receiver Emissions 10 MHz – 12.5 GHz;

### Remote Control Receiver, 100 VAC

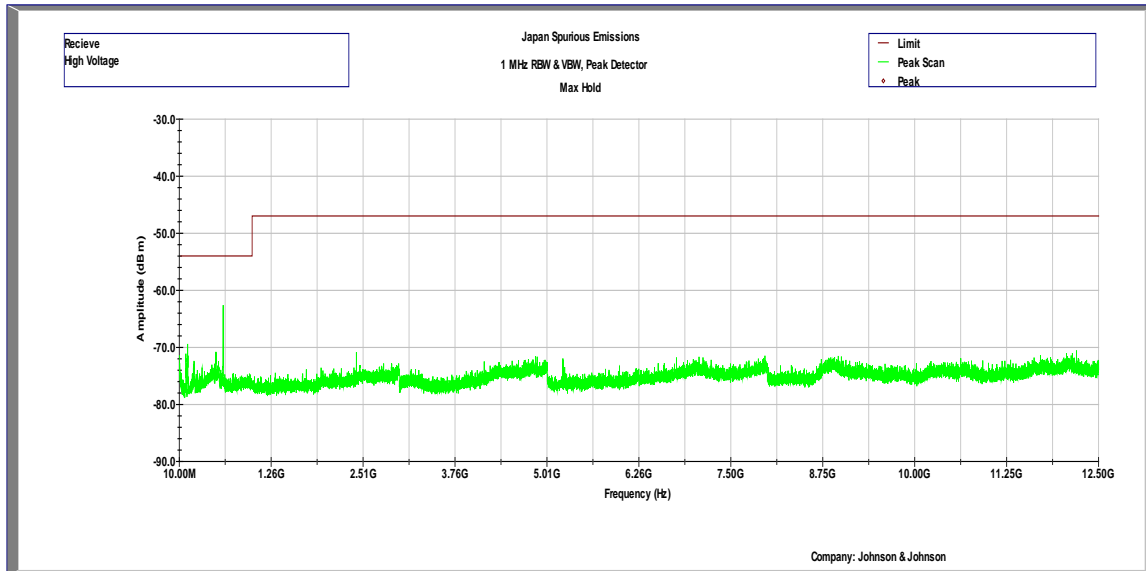


Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 1.000	0.6071	-62.33	-57	Pass
1.000 – 12.500	5.2269	-67.93	-47	Pass



## Receiver Emissions 10 MHz – 12.5 GHz;

### Remote Control Receiver, 110 VAC



Frequency Range (GHz)	Measurement		Limit (dBm)	Result
	Frequency (GHz)	Amplitude (dBm)		
0.010 – 1.000	0.6079	-63.08	-57	Pass
1.000 – 12.500	2.4150	-69.32	-47	Pass

## 4.8 Interference prevention function

### 4.8.1 Requirement

The interference prevention requirement is a requirement that client devices should send an identification code to the master device in order to identify itself as a valid/authorized client. The intent of this requirement is that client devices which do not have a valid identification code cannot connect to the master device (such unauthorized client devices therefore cannot “interfere” with authorized client devices because unauthorized client devices will not be allowed to connect to the master).

### 4.8.2 Procedure

A laptop was connected to the EUT via the USB-console and the device MAC address was captured.

### 4.8.3 Test Result

Actual MAC Address	MAC Address Captured
50:12:79:30:01:62	50:12:79:30:01:62

```
root@iRobot-A341CAD825914DAD9E63D62624EC672E:~# ifconfig
lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:6553 errors:0 dropped:0 overruns:0 frame:0
          TX packets:6553 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:402684 (393.2 KiB)  TX bytes:402684 (393.2 KiB)

wlan0     Link encap:Ethernet  HWaddr 50:14:79:30:01:62
          UP BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:7047 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1854673 (1.7 MiB)  TX bytes:0 (0.0 B)
          Interrupt:6
```

Results	Complies
---------	----------

## 4.9 Carrier Sense

### 4.9.1 Requirement

The device shall not transmit at the operating frequency when carrier wave is presented.

### 4.9.2 Procedure

1. Set EUT to transmit at Low, Mid or High channel and make a link with a companion device. Verify the MAC address and the link communication is good.
2. Disconnect the link communication.
3. Turn on the signal generator with the carrier wave and the amplitude at each channel frequency
4. Turn on the transmission to make a link communication again. Verify that the device does not transmit at the channel frequency with the carrier wave is turned on.

### 4.9.3 Test Result

Not Applicable

## 5.0 List of Test Equipment

Measurement equipment used for emission compliance testing utilized the equipment on the following list:

Equipment	Manufacturer	Model/Type	Asset #	Cal Int	Cal Due
Spectrum Analyzer	Rohde and Schwarz	FSU	ITS 00913	12	05/11/21
Signal Generator	Rohde & Schwarz	SMR40	ITS 00981	12	06/25/20
EMI Receiver	Rohde & Schwarz	FSW43	ITS 01818	12	05/13/21
Variac	Powerstat	3PN2368	ITS 00726	#	#
RF Cable	Mega Phase	TM40-K1K1-19	ITS 01657	12	11/11/20
Digital Multimeter	Fluke	87V	ITS 01204	12	11/22/20

# Calibration not required / Verified before use

Software used for emission compliance testing utilized the following:

Name	Manufacturer	Version	Template/Profile
RS Commander	Rohde Schwarz	1.6.4	Not Applicable (Screen grabber)
Tile	Quantum Change	3.4.K.22	TX Japan Spurious_10M-12.5GHz RX Japan Spurious_10M-12.5GHz

**6.0 Document History**

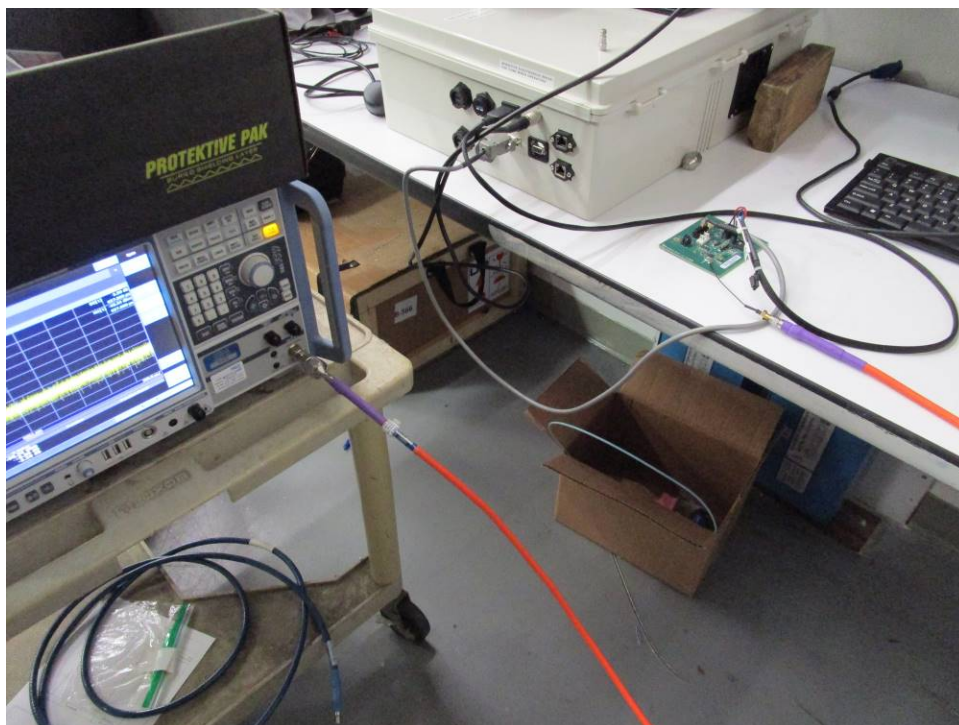
Revision/ Job Number	Writer Initials	Reviewers Initials	Date	Change
1.0 / G104086841	AS	KV	September 03, 2020	Original document
1.1 / G104086841	AS	KV	September 28, 2020	Updated for typos in section 4.1

**Appendix A: EUT Pictures**





**Appendix B: Conducted Setup Photograph**





# Appendix C: Antenna Pattern

