MEASUREMENT REPORT

FCC PART 15.247 & IC RSS-247 WLAN 802.11b/g/n

FCC ID:	2AWJG-OTPR
IC:	26228-OTPR
APPLICANT:	OhmniLabs, Inc.
Application Type:	Certification
Product:	OHMNI TELEPRESENCE ROBOTS
Model No.:	OHMNI ROBOT
Trademark:	OHMNILABS
FCC Classification:	(DTS) Digital Transmission System
FCC Rule Part(s):	Part 15.247
IC Standard:	RSS-247 Issue 2
Test Procedure(s):	ANSI C63.10-2013, KDB 558074 D01v05r02
Received Date:	March 25,2020
Test Date:	April 23~June 10,2020

Tested By : Peter Syu

(Peter Syu)

Reviewed By : Paddy Chen

(Paddy Chen)

Approved By : Chenz Ker

(Chenz Ker)

Testing Laboratory
3261

The test results only relate to the tested samples.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2003TW3801-U2	1.0	Original Report	2020-07-22	

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§2.1033 General Information

Applicant	OhmniLabs, Inc.
Applicant Address	2367 Bering Dr, San Jose, CA 95131, United States
Manufacturer	AAEON Technology, Inc.
Manufacturer Address	5F, No. 135, Lane 235, Pao Chiao Rd., Hsin-Tien Dist., New Taipei City, 231 Taiwan, R.O.C.
Test Site	MRT Technology (Taiwan) Co., Ltd
Test Site Address	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)
MRT FCC Registration No.	291082
FCC Rule Part(s)	Part 15.247
IC Standard:	RSS-247 Issue 2
Model No.	OHMNI ROBOT
Test Device Serial No.:	#1 ☐ Production ☒ Pre-Production ☐ Engineering

Test Facility / Accreditations

1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Taiwan, EU and TELEC Rules.

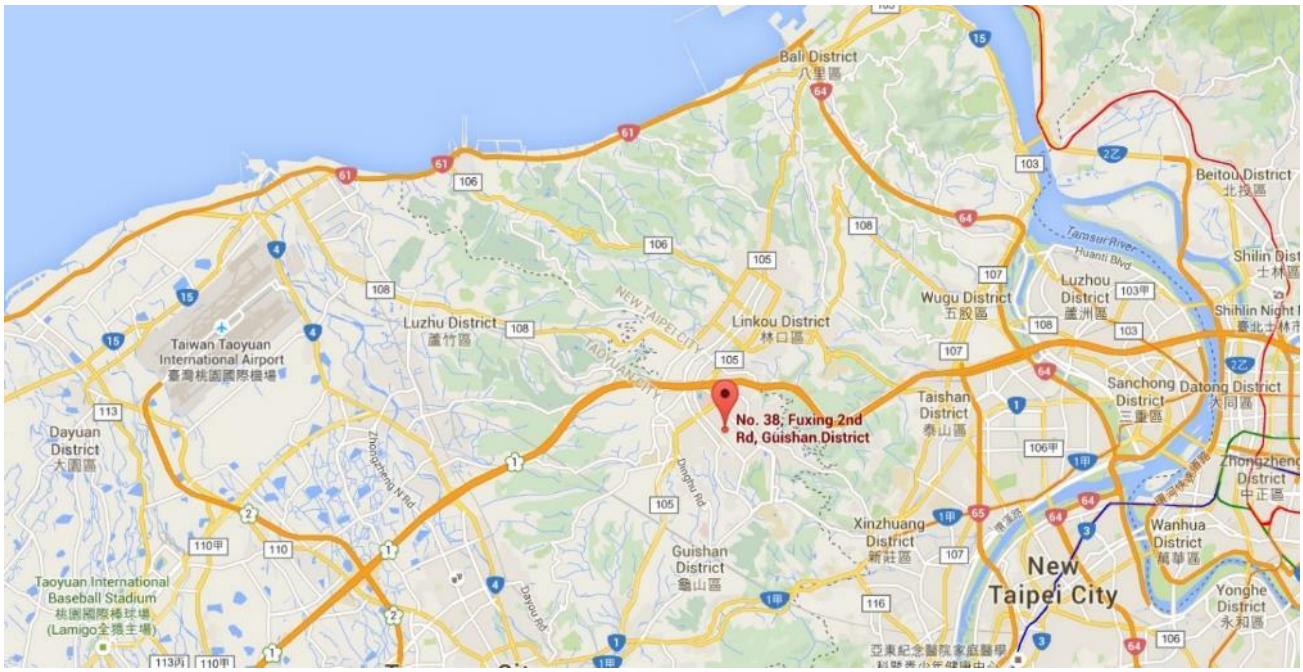
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	OHMNI TELEPRESENCE ROBOTS
Trademark	OHMNILABS
Model No.	OHMNI ROBOT
Supports Radios Spec.	2.4G: 802.11b/g/n-20/n-40 (2TX/2RX) 5G: 802.11a/n-20/ac-20/n-40/ac-40/ac-80, Band 1,2,3,4 (2TX/2RX)
Wi-Fi Specification	802.11 b/g/n
Frequency Range	**2.4GHz:** For 802.11b/g/n-20M: 2412 ~ 2462 MHz For 802.11n-40M: 2422 ~ 2452 MHz
2.4GHz Maximum Output Power	802.11b: 19.67dBm 802.11g: 25.40dBm 802.11n-20M: 24.12dBm 802.11n-40M: 24.59dBm
Type of Modulation	802.11b: DSSS, DBPSK, DQPSK, CCK 802.11g/n-20M/n-40M: OFDM, BPSK, QPSK, 16QAM, 64QAM
Adapter	Brand Name: Atech OEM Model No: ADS065T-W 240200 Input: AC 100-240V~ 50-60Hz 2.0A Output: DC 24V, 2.0A

2.2. Working Frequencies for this Report

802.11b/g/n-20M

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

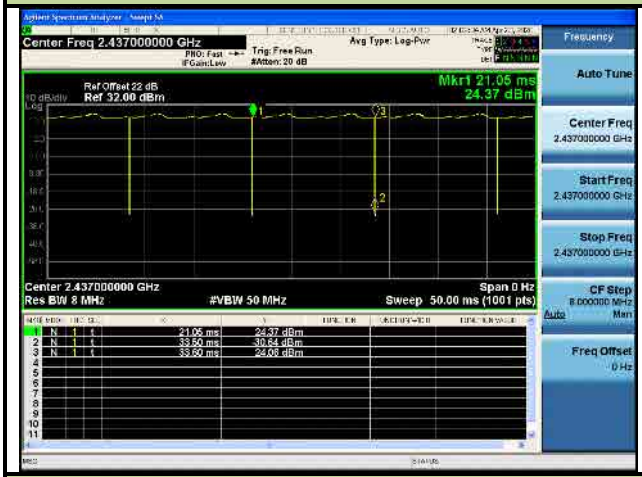
802.11n-HT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

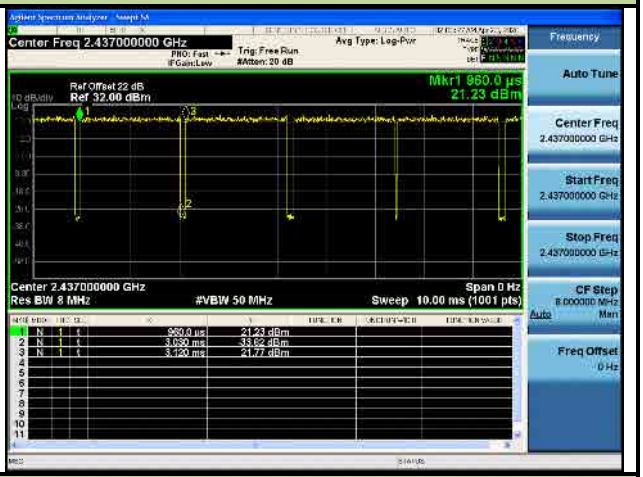
Duty Cycle

Test Mode	Duty Cycle
802.11b	99%
802.11g	96%
802.11 n-HT20	86%
802.11 n-HT40	87%

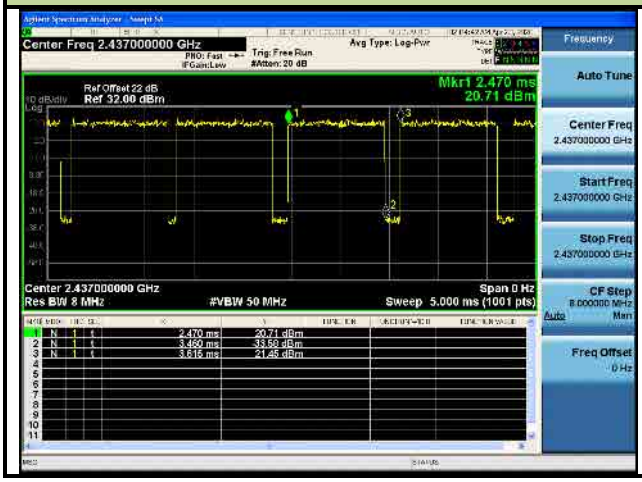
802.11b



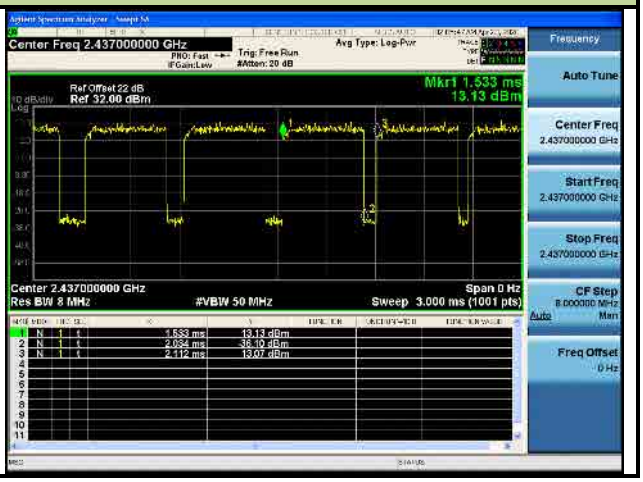
802.11g



802.11 n20



802.11 n40



2.3. Test Mode

Test Mode	Mode 1: Transmit by 802.11b
	Mode 2: Transmit by 802.11g
	Mode 3: Transmit by 802.11n-20M
	Mode 4: Transmit by 802.11n-40M
	Mode 5: Receive by 802.11n-20

Note :

1. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.

2.4. Test Software

The test utility software used during testing was “WLAN Test”.

2.5. Test Configuration

This device was tested per the guidance of ANSI C63.10-2013. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

2.6. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.7. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

3. DESCRIPTION of TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance provided in KDB 558074 D01v05r02 were used in the measurement of the device.

Deviation from measurement procedure…….....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 9'x4'x3' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or data exchange speed, or support equipment which determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2013.

Line conducted emissions test results are shown in Section 7.8.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. A MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable. For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-40GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, which produced the worst-case emissions. According to 3dB Beam-Width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

Radiated emissions test results are shown in Section 7.6 & 7.7 .

4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

- The antenna of the **OHMNI TELEPRESENCE ROBOTS,** is permanently attached.
- There are no provisions for connection to an external antenna.

Conclusion:

The EUT unit complies with the requirement of §15.203.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	N/A	UD812A08_1v0	PCB	3.5dBi*2

Note :

1. Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.
   - For power spectral density (PSD) measurements on all devices,

   Array Gain = 10 log (N_{ANT}/ N_{SS}) dB = 3.01;
   - For power measurements on IEEE 802.11 devices,

   Array Gain = 0 dB for $N_{ANT} \leq 4$;
2. For PSD , Directional gain = 3.5+3.01= 6.51

5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions – SR2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2021/3/26
Cable	Rosnol	N1C50-RG400-B1C50-500CM	MRTTWE00013	1 year	2021/6/21
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2021/3/25

Radiated Emissions – AC1

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00001	1 year	2020/9/4
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2021/3/26
Acitve Loop Antenna	Schwarzbeck	FMZB 1519B	MRTTWA00002	1 year	2021/4/27
Broadband Horn antenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2021/4/24
Breitband Hornantenna	Schwarzbeck	BBHA 9170	MRTTWA00004	1 year	2021/4/24
Broadband Amplifier	Schwarzbeck	BBV 9721	MRTTWA00006	1 year	2021/4/24
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2021/4/24
Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2021/6/16
Cable	Rosnol	K1K50-UP0264-K1K50-4M	MRTTWE00012	1 year	2020/6/21

Conducted Test Equipment – SR2

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2020/10/2
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2020/7/11
USB Wideband Power Sensor	KEYSIGHT	U2021XA	MRTTWA00015	1 year	2021/3/26

Test Software

Software	Version	Function
e3	9.160520a	EMI Test Software
EMI	V3	EMI Test Software

6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Conducted Emission- Power Line
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.15MHz~30MHz: ± 2.53dB
Radiated Spurious Emission
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz~30MHz: ± 3.92dB 30MHz~1GHz: ± 4.25dB 1GHz~18GHz: ± 4.40dB 18GHz~40GHz: ± 4.45dB
Frequency Error
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±78.4Hz
Conducted Power
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ± 0.84dB
Conducted Spurious Emission
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):± 2.65 dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 3.3%
Temp. / Humidity
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±0.82°C/ ±3%
DC Voltage
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±0.3%

7. TEST RESULT

7.1. Summary

Product Name: **OHMNI TELEPRESENCE ROBOTS**

FCC Classification: **(DTS) Digital Transmission System**

Data Rate(s) Tested: **1Mbps ~ 11Mbps (b); 6Mbps ~ 54Mbps (g); 6.5/7.2Mbps ~ 130/144.4Mbps (n-20M); 13.5/15Mbps ~ 270/300Mbps (n-40M)**

FCC Part Section(s)	IC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.247(a)(2)	RSS-247 5.2 (a)	6dB Bandwidth 99% Bandwidth	≥ 500kHz	Conducted	Pass	Section 7.2
15.247(b)(3)	RSS-247 5.4 (d)	Output Power	≤ 30.00dBm		Pass	Section 7.3
15.247(e)	RSS-247 5.2 (b)	Power Spectral Density	≤ 8.00dBm/3kHz		Pass	Section 7.4
15.247(d)	RSS-247 5.5	Out-of-Band Emissions	Conducted ≥ 20dBc		Pass	Section 7.5
15.205 15.209	RSS-247 5.5	Spurious Emission	< FCC 15.209 limits	Radiated	Pass	Section 7.6
15.205 15.209	RSS-247 5.5	Band Edge Measurement	≦ 74dBuV/m(Peak) ≦ 54dBuV/m(Average)		Pass	Section 7.7
15.207	RSS-Gen 8.8	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.8

Notes:

1) Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.
2) All modes of operation and data rates were investigated. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst case emissions.
3) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
4) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.

7.2. 6dB Bandwidth Measurement

7.2.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

7.2.2. Test Procedure used

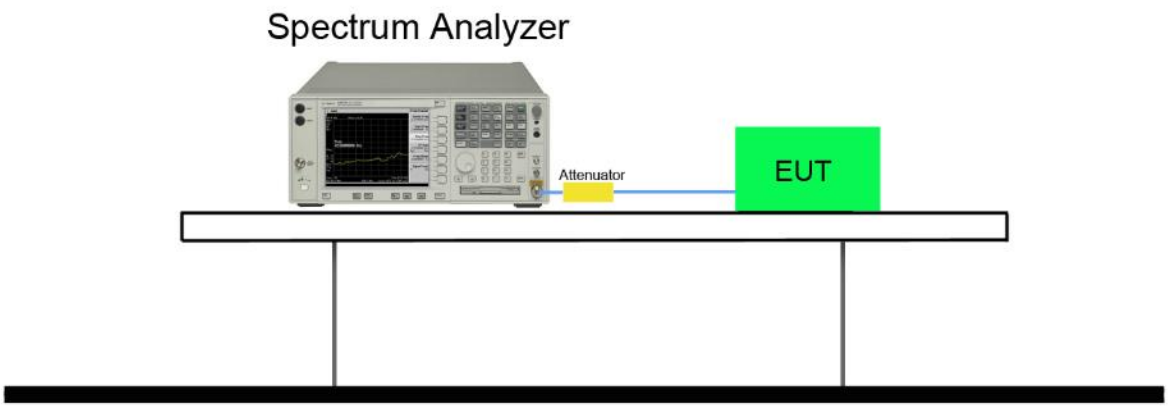
KDB 558074 D01v05r02- Section 8.2 Option 2 / ANSI C63.10 6.9.3 / RSS-Gen 6.7

7.2.3. Test Setting

1. The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. Set RBW = 100 kHz
3. VBW ≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace was allowed to stabilize

P.S In 99% bandwidth, The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW

7.2.4. Test Setup



7.2.5. Test Result

Product	OHMNI TELEPRESENCE ROBOTS	Test Engineer	Peter
Test Site	SR2	Test Date	2020/5/25
Test Item	6dB Bandwidth		

6dB Bandwidth

Test Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
Antenna 0						
802.11b	01	2412	10.120	15.011	≥ 0.5	Pass
802.11b	06	2437	10.100	15.009	≥ 0.5	Pass
802.11b	11	2462	10.110	14.982	≥ 0.5	Pass
802.11g	01	2412	16.400	16.483	≥ 0.5	Pass
802.11g	06	2437	16.370	16.470	≥ 0.5	Pass
802.11g	11	2462	16.360	16.440	≥ 0.5	Pass
802.11n-20M	01	2412	17.570	17.645	≥ 0.5	Pass
802.11n-20M	06	2437	17.310	17.639	≥ 0.5	Pass
802.11n-20M	11	2462	17.320	17.598	≥ 0.5	Pass
802.11n-40M	03	2422	35.640	36.095	≥ 0.5	Pass
802.11n-40M	06	2437	35.680	36.107	≥ 0.5	Pass
802.11n-40M	09	2452	35.950	36.064	≥ 0.5	Pass

6dB Bandwidth

Test Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
Antenna 1						
802.11b	01	2412	10.110	14.999	≥ 0.5	Pass
802.11b	06	2437	10.110	15.006	≥ 0.5	Pass
802.11b	11	2462	10.100	15.000	≥ 0.5	Pass
802.11g	01	2412	16.390	16.434	≥ 0.5	Pass
802.11g	06	2437	16.390	16.454	≥ 0.5	Pass
802.11g	11	2462	16.390	16.458	≥ 0.5	Pass
802.11n-20M	01	2412	17.570	17.610	≥ 0.5	Pass
802.11n-20M	06	2437	17.600	17.598	≥ 0.5	Pass
802.11n-20M	11	2462	17.590	17.619	≥ 0.5	Pass
802.11n-40M	03	2422	35.930	36.101	≥ 0.5	Pass
802.11n-40M	06	2437	35.750	36.054	≥ 0.5	Pass
802.11n-40M	09	2452	36.380	36.188	≥ 0.5	Pass

Antenna 0

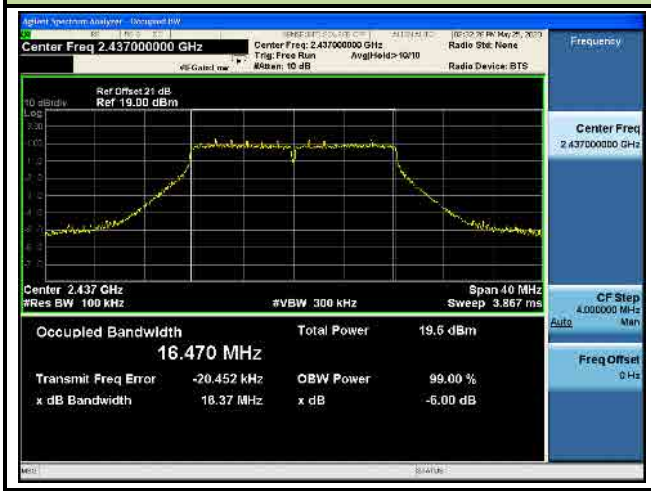
802.11 b CH01 (2412MHz)

802.11 b CH06 (2437MHz)

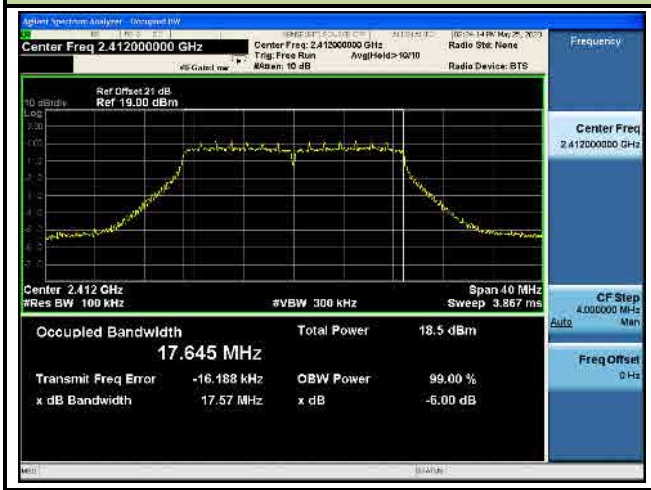
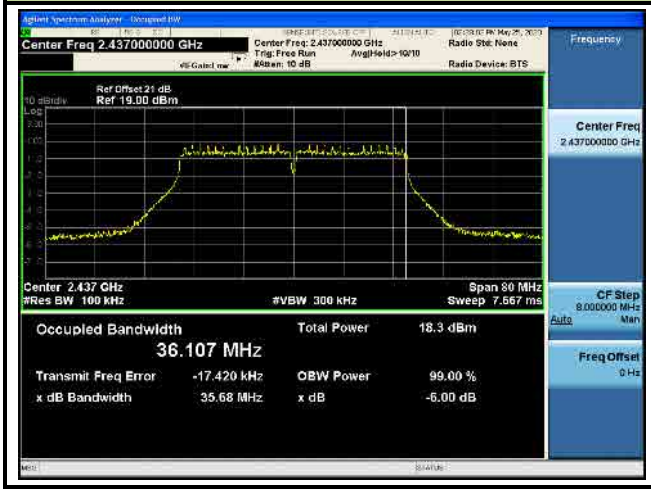
802.11 b CH11 (2462MHz)

802.11 g CH01 (2412MHz)

802.11 g CH06 (2437MHz)



802.11 g CH11 (2462MHz)

802.11 n-20M CH01 (2412MHz)	802.11 n-20M CH06 (2437MHz)
	
802.11 n-20M CH11 (2462MHz)	**802.11 n-40M CH03 (2422MHz)**
802.11 n-40M CH06 (2437MHz)	**802.11 n-40M CH09 (2452MHz)**
	

Antenna 1

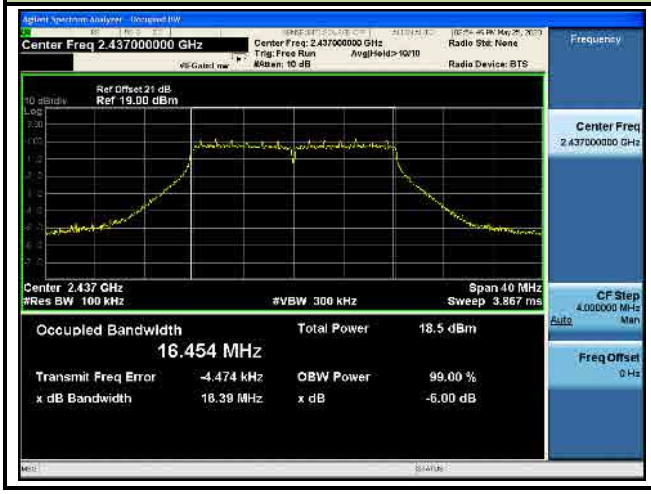
802.11 b CH01 (2412MHz)

802.11 b CH06 (2437MHz)

802.11 b CH11 (2462MHz)

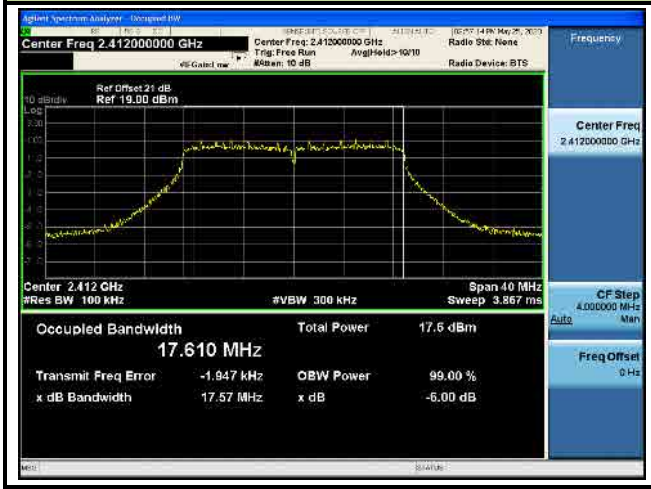
802.11 g CH01 (2412MHz)

802.11 g CH06 (2437MHz)



802.11 g CH11 (2462MHz)

802.11 n-20M CH01 (2412MHz)

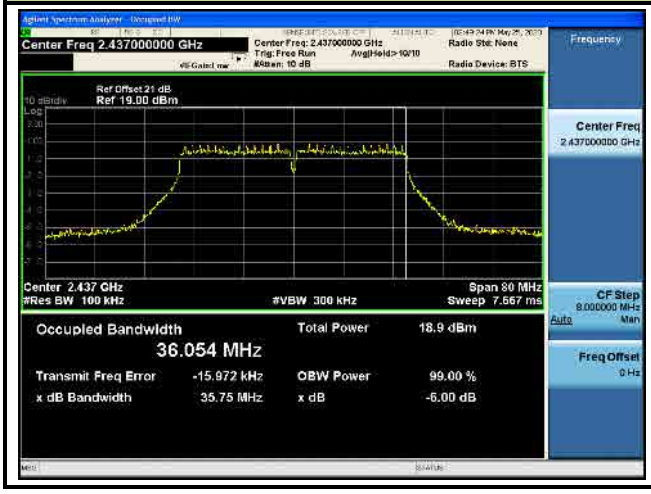


802.11 n-20M CH06 (2437MHz)

802.11 n-20M CH11 (2462MHz)

802.11 n-40M CH03 (2422MHz)

802.11 n-40M CH06 (2437MHz)



802.11 n-40M CH09 (2452MHz)

Product	OHMNI TELEPRESENCE ROBOTS	Test Engineer	Peter
Test Site	SR2	Test Date	2020/05/25
Test Item	99% Bandwidth		

99% Bandwidth

Test Mode	Channel No.	Frequency (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
Antenna 0					
802.11b	01	2412	15.009	≥ 0.5	Pass
802.11b	06	2437	15.022	≥ 0.5	Pass
802.11b	11	2462	15.018	≥ 0.5	Pass
802.11g	01	2412	16.557	≥ 0.5	Pass
802.11g	06	2437	16.588	≥ 0.5	Pass
802.11g	11	2462	16.682	≥ 0.5	Pass
802.11n-20M	01	2412	17.704	≥ 0.5	Pass
802.11n-20M	06	2437	17.773	≥ 0.5	Pass
802.11n-20M	11	2462	17.669	≥ 0.5	Pass
802.11n-40M	03	2422	36.527	≥ 0.5	Pass
802.11n-40M	06	2437	36.655	≥ 0.5	Pass
802.11n-40M	09	2452	36.442	≥ 0.5	Pass

99% Bandwidth

Test Mode	Channel No.	Frequency (MHz)	99% Bandwidth (MHz)	Limit (MHz)	Result
Antenna 1					
802.11b	01	2412	15.014	≥ 0.5	Pass
802.11b	06	2437	15.007	≥ 0.5	Pass
802.11b	11	2462	15.013	≥ 0.5	Pass
802.11g	01	2412	16.649	≥ 0.5	Pass
802.11g	06	2437	16.621	≥ 0.5	Pass
802.11g	11	2462	16.609	≥ 0.5	Pass
802.11n-20M	01	2412	17.683	≥ 0.5	Pass
802.11n-20M	06	2437	17.685	≥ 0.5	Pass
802.11n-20M	11	2462	17.693	≥ 0.5	Pass
802.11n-40M	03	2422	36.249	≥ 0.5	Pass
802.11n-40M	06	2437	36.319	≥ 0.5	Pass
802.11n-40M	09	2452	36.269	≥ 0.5	Pass

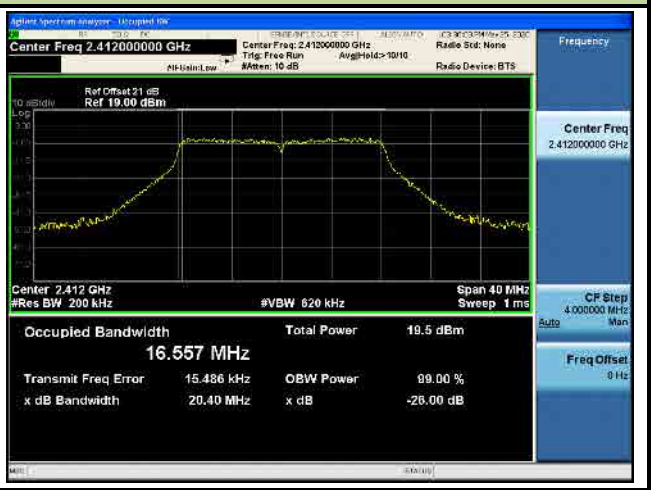
Antenna 0

802.11 b CH01 (2412MHz)

802.11 b CH06 (2437MHz)

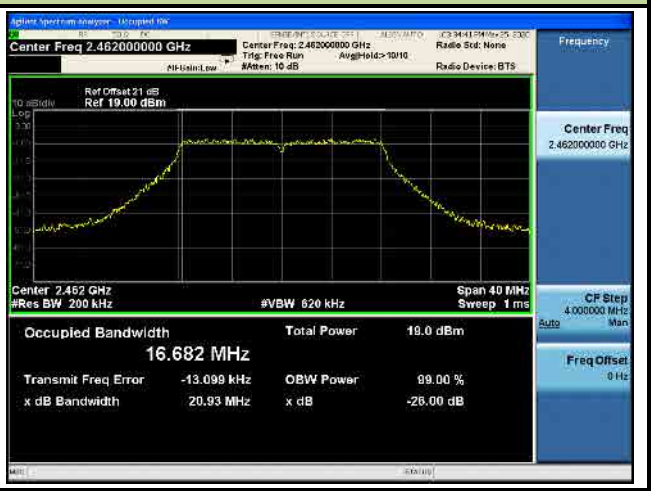
802.11 b CH11 (2462MHz)

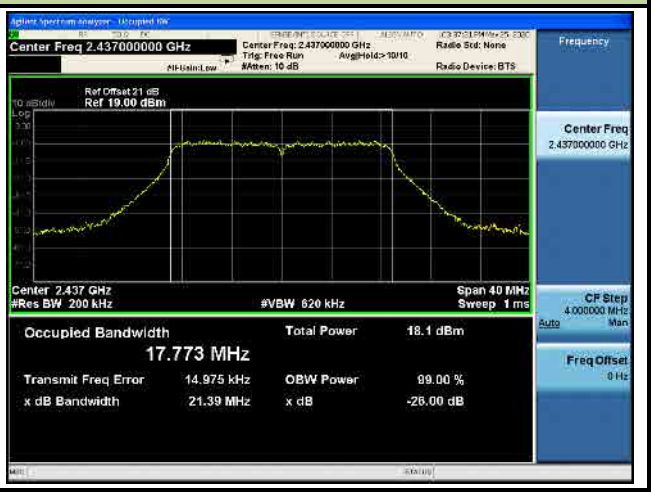
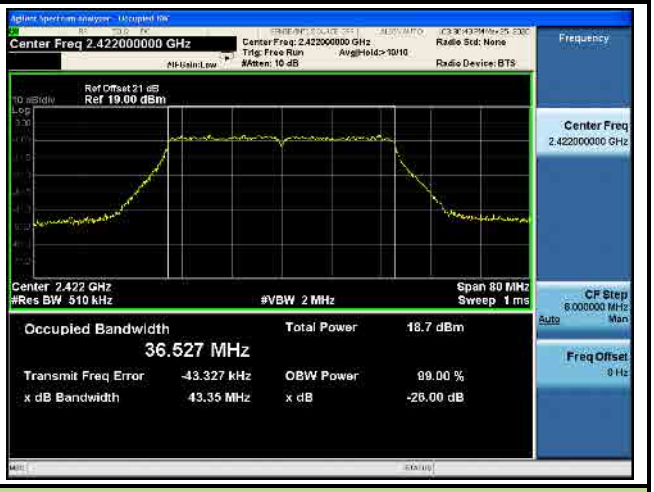
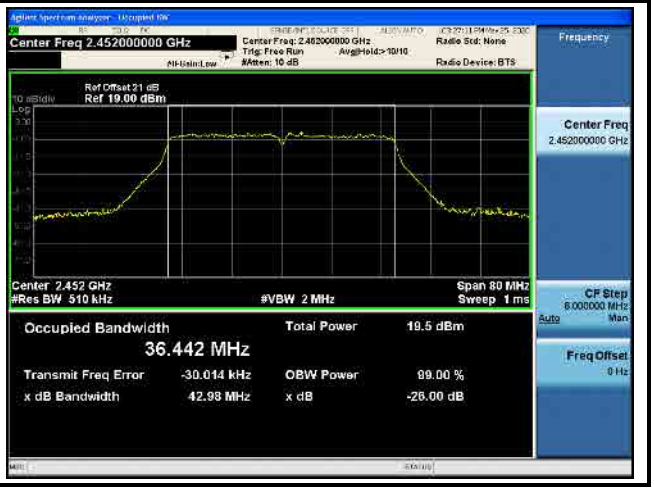
802.11 g CH01 (2412MHz)



802.11 g CH06 (2437MHz)

802.11 g CH11 (2462MHz)



802.11 n-20M CH01 (2412MHz)	802.11 n-20M CH06 (2437MHz)
	
802.11 n-20M CH11 (2462MHz)	**802.11 n-40M CH03 (2422MHz)**
	
802.11 n-40M CH06 (2437MHz)	**802.11 n-40M CH09 (2452MHz)**
	

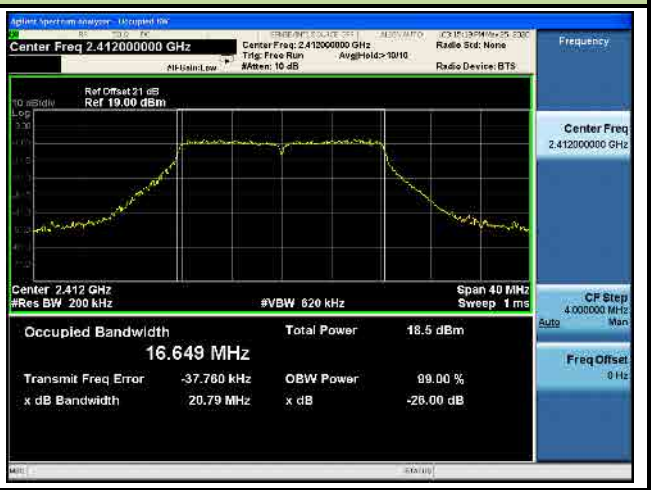
Antenna 1

802.11 b CH01 (2412MHz)

802.11 b CH06 (2437MHz)

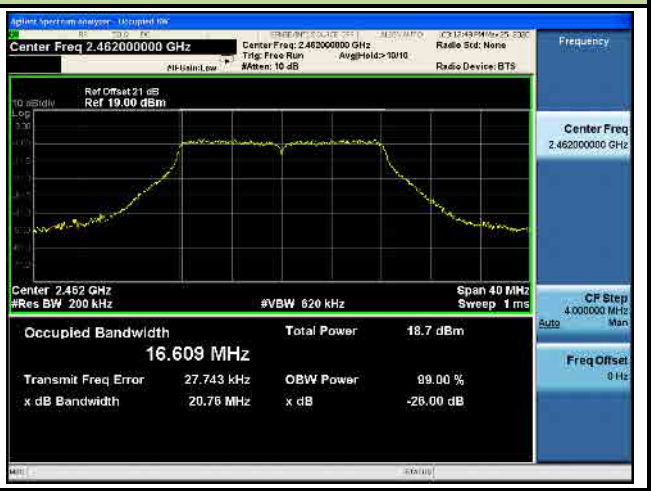
802.11 b CH11 (2462MHz)

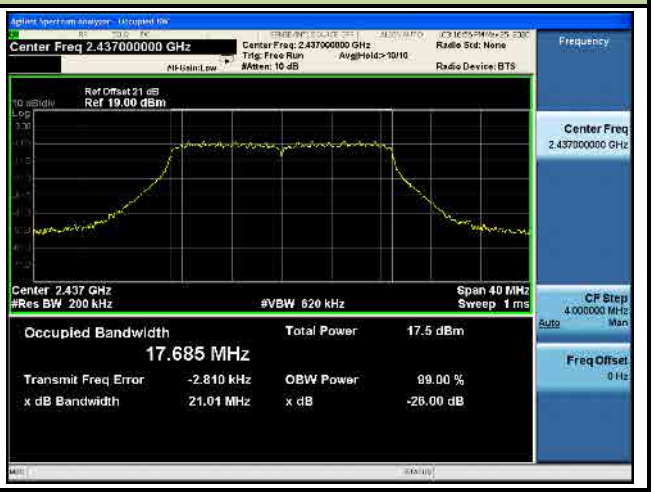
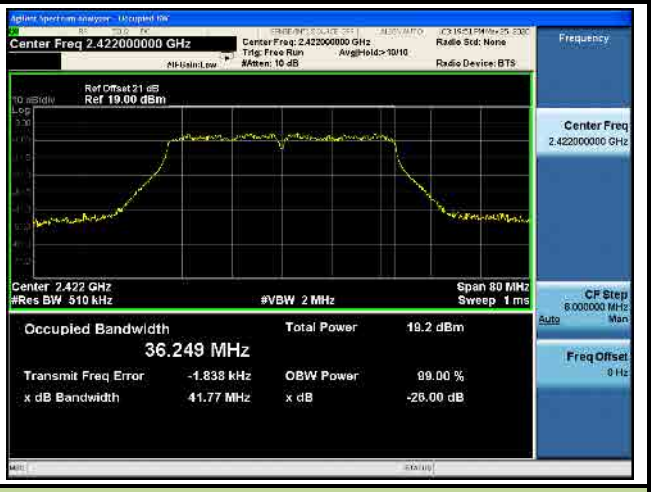
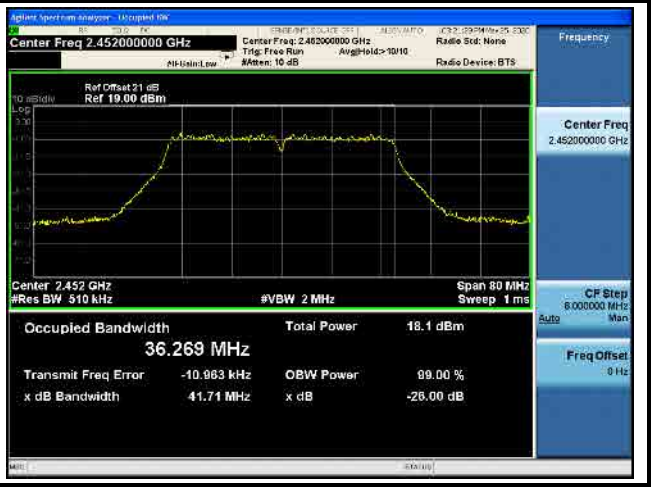
802.11 g CH01 (2412MHz)



802.11 g CH06 (2437MHz)

802.11 g CH11 (2462MHz)



802.11 n-20M CH01 (2412MHz)	802.11 n-20M CH06 (2437MHz)
	
802.11 n-20M CH11 (2462MHz)	**802.11 n-40M CH03 (2422MHz)**
	
802.11 n-40M CH06 (2437MHz)	**802.11 n-40M CH09 (2452MHz)**
	

7.3. Output Power Measurement

7.3.1. Test Limit

The maximum out power shall be less 1 Watt (30dBm).

7.3.2. Test Procedure Used

KDB 558074 D01v05r02 - Section 9.1.2 & 9.2.3.2

7.3.3. Test Setting

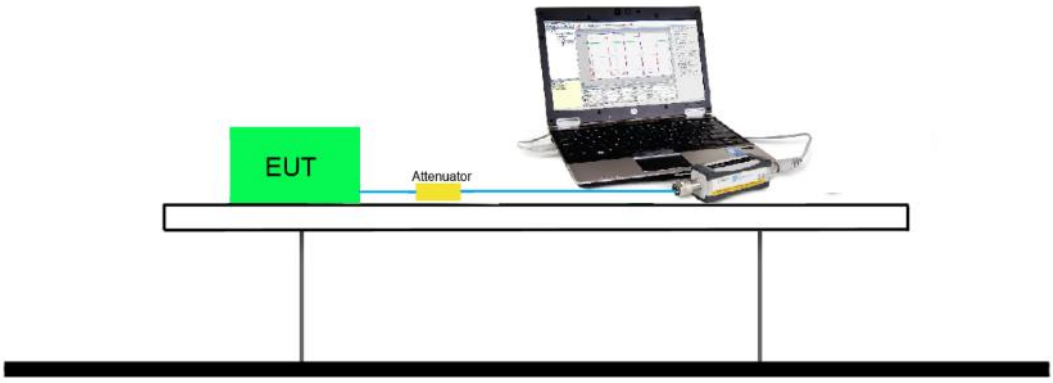
Peak Power Measurement

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.3.4. Test Setup



7.3.5. Test Result of Output Power

Product	OHMNI TELEPRESENCE ROBOTS	Test Engineer	Peter
Test Site	SR2	Test Date	2020/04/23
Test Item	Output Power		

Antenna 0

2.4GHz 802.11b RF Output Power (dBm)

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit
		1	2	5.5	11	1	
01	2412	13.75	--	--	--	16.40	1Watt= 30 dBm
06	2437	13.72	13.70	13.65	13.63	16.28	1Watt= 30 dBm
11	2462	14.02	--	--	--	16.61	1Watt= 30 dBm

2.4GHz 802.11g RF Output Power (dBm)

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		6	9	12	18	24	36	48	54	6	
01	2412	13.01	--	--	--	--	--	--	--	23.04	1Watt= 30 dBm
06	2437	13.29	13.26	13.20	13.18	13.16	13.14	13.11	13.07	21.88	1Watt= 30 dBm
11	2462	12.86	--	--	--	--	--	--	--	21.84	1Watt= 30 dBm

2.4GHz 802.11n-20M RF Output Power (dBm)

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
01	2412	11.69	--	--	--	--	--	--	--	20.00	1Watt= 30 dBm
06	2437	11.68	11.61	11.58	11.51	11.47	11.43	11.40	11.38	19.88	1Watt= 30 dBm
11	2462	11.94	--	--	--	--	--	--	--	19.99	1Watt= 30 dBm

2.4GHz 802.11n-40M RF Output Power (dBm)

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
03	2422	12.19	--	--	--	--	--	--	--	21.33	1Watt= 30 dBm
06	2437	11.61	11.58	11.52	11.48	11.46	11.44	11.41	11.39	21.39	1Watt= 30 dBm
09	2452	12.25	--	--	--	--	--	--	--	20.73	1Watt= 30 dBm

Note: Output power =Reading value on power meter + duty cycle factor + cable loss。

Antenna 1							
2.4GHz 802.11b RF Output Power (dBm)							
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit
		1	2	5.5	11	1	
01	2412	13.58	--	--	--	16.04	1Watt= 30 dBm
06	2437	14.16	14.15	14.14	14.13	16.8	1Watt= 30 dBm
11	2462	14.14	--	--	--	16.71	1Watt= 30 dBm

2.4GHz 802.11g RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		6	9	12	18	24	36	48	54	6	
01	2412	12.77	--	--	--	--	--	--	--	21.32	1Watt= 30 dBm
06	2437	12.92	12.91	12.90	12.88	12.87	12.85	12.81	12.80	22.23	1Watt= 30 dBm
11	2462	13.09	--	--	--	--	--	--	--	22.87	1Watt= 30 dBm

2.4GHz 802.11n-20M RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
01	2412	11.93	--	--	--	--	--	--	--	20.6	1Watt= 30 dBm
06	2437	12.04	12.00	11.94	11.88	11.86	11.83	11.80	11.77	21.24	1Watt= 30 dBm
11	2462	12.11	--	--	--	--	--	--	--	22	1Watt= 30 dBm

2.4GHz 802.11n-40M RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
03	2422	12.15	--	--	--	--	--	--	--	21.25	1Watt= 30 dBm
06	2437	12.26	12.24	12.22	12.21	12.19	12.18	12.16	12.14	21.76	1Watt= 30 dBm
09	2452	11.96	--	--	--	--	--	--	--	20.66	1Watt= 30 dBm

Note: Output power =Reading value on power meter + duty cycle factor + cable loss。

Antenna 0+1							
2.4GHz 802.11b RF Output Power (dBm)							
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)				Peak Power	Required Limit
		1	2	5.5	11	1	
01	2412	16.68	--	--	--	19.23	1Watt= 30 dBm
06	2437	16.96	16.94	16.91	16.90	19.56	1Watt= 30 dBm
11	2462	17.09	--	--	--	19.67	1Watt= 30 dBm

2.4GHz 802.11g RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		6	9	12	18	24	36	48	54	6	
01	2412	15.90	--	--	--	--	--	--	--	25.27	1Watt= 30 dBm
06	2437	16.12	16.10	16.06	16.04	16.03	16.01	15.97	15.95	25.07	1Watt= 30 dBm
11	2462	15.99	--	--	--	--	--	--	--	25.40	1Watt= 30 dBm

2.4GHz 802.11n-20M RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
01	2412	14.82	--	--	--	--	--	--	--	23.32	1Watt= 30 dBm
06	2437	14.87	14.82	14.77	14.71	14.68	14.64	14.61	14.59	23.62	1Watt= 30 dBm
11	2462	15.04	--	--	--	--	--	--	--	24.12	1Watt= 30 dBm

2.4GHz 802.11n-40M RF Output Power (dBm)											
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Peak Power	Required Limit
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	MCS8	
03	2422	15.18	--	--	--	--	--	--	--	24.30	1Watt= 30 dBm
06	2437	14.96	14.93	14.89	14.87	14.85	14.84	14.81	14.79	24.59	1Watt= 30 dBm
09	2452	15.12	--	--	--	--	--	--	--	23.71	1Watt= 30 dBm

Note: Output power =Reading value on power meter + duty cycle factor + cable loss。

7.4. Power Spectral Density Measurement

7.4.1. Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band.

7.4.2. Test Procedure Used

KDB 558074 D01v05r02 - Section 10.2 Method PKPSD

7.4.3. Test Setting

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance, and is optional if the maximum conducted (average) output power was used to demonstrate compliance.

a) Set analyzer center frequency to DTS channel center frequency.

b) Set the span to 1.5 times the DTS bandwidth.

c) Set the RBW to: 3 kHz.

d) Set the VBW ≥ 3* RBW.

e) Detector = peak.

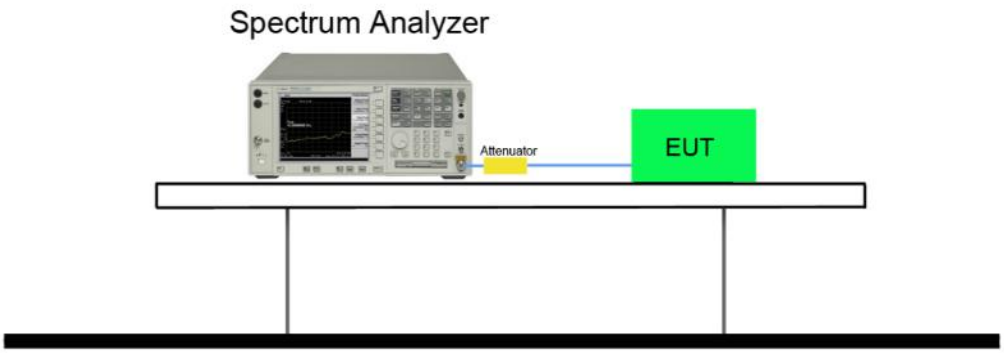
f) Sweep time = auto couple.

g) Trace mode = max hold.

h) Allow trace to fully stabilize.

i) Use the peak marker function to determine the maximum amplitude level within the RBW.

7.4.4. Test Setup



7.4.5. Test Result

Product	OHMNI TELEPRESENCE ROBOTS	Test Engineer	Peter
Test Site	SR2	Test Date	2020/05/25
Test Item	Power Spectral Density		

Test Mode	Channel No.	Freq. (MHz)	PSD Ant0 (dBm)	PSD Ant1 (dBm)	PSD Ant0+1 (dBm)	Limit (dBm)	Result
11b	1	2412	-8.300	-10.955	-6.417	≤ 7.49	Pass
11b	6	2437	-9.188	-9.538	-6.349	≤ 7.49	Pass
11b	11	2462	-10.089	-10.988	-7.505	≤ 7.49	Pass
11g	1	2412	-12.536	-14.519	-10.405	≤ 7.49	Pass
11g	6	2437	-12.978	-14.195	-10.534	≤ 7.49	Pass
11g	11	2462	-13.324	-14.445	-10.838	≤ 7.49	Pass
11n-20M	1	2412	-14.429	-14.864	-11.631	≤ 7.49	Pass
11n-20M	6	2437	-14.727	-15.234	-11.963	≤ 7.49	Pass
11n-20M	11	2462	-15.567	-16.050	-12.791	≤ 7.49	Pass
11n-40M	3	2422	-17.199	-17.605	-14.387	≤ 7.49	Pass
11n-40M	6	2437	-16.610	-17.307	-13.934	≤ 7.49	Pass
11n-40M	9	2452	-17.722	-16.617	-14.124	≤ 7.49	Pass

Note: PSD Limit (dBm/MHz) = 8dBm/MHz - (6.51dBi - 6dBi) = 7.49dBm/MHz.

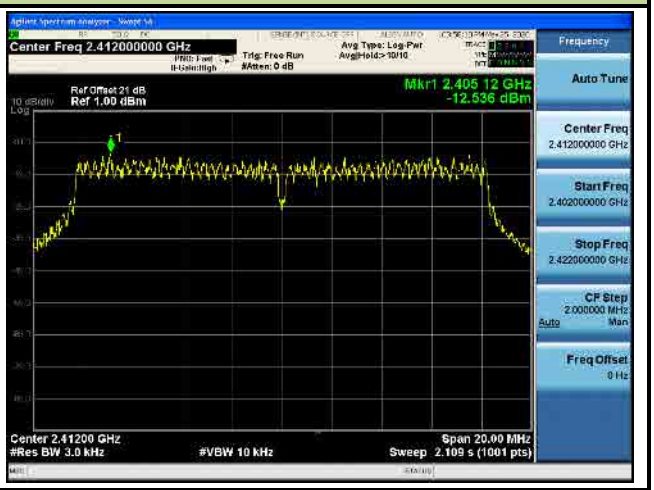
Antenna 0

802.11 b CH01 (2412MHz)

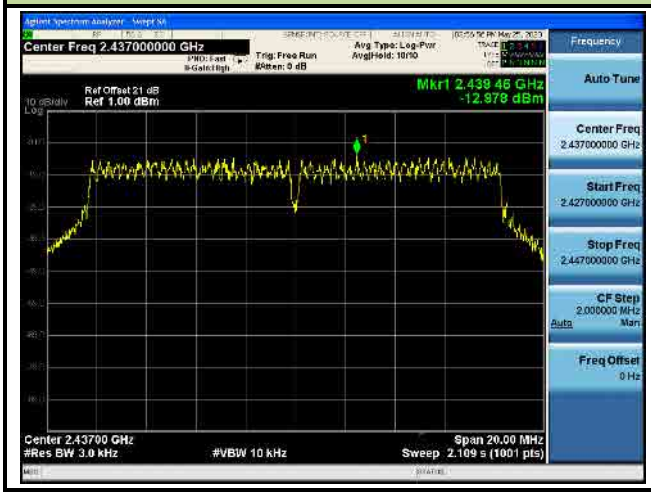
802.11 b CH06 (2437MHz)

802.11 b CH11 (2462MHz)

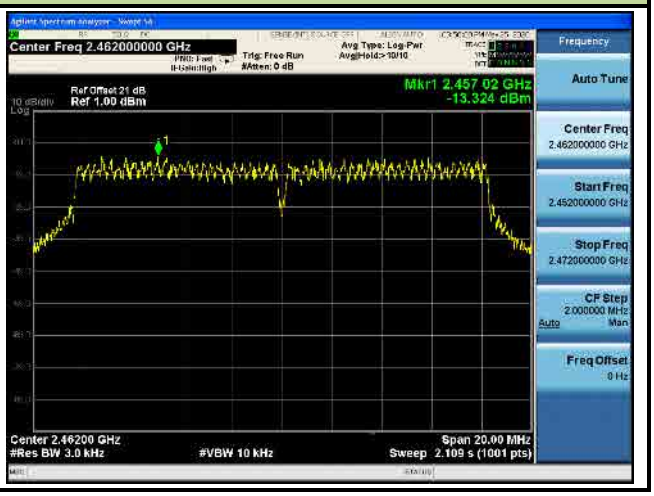
802.11 g CH01 (2412MHz)

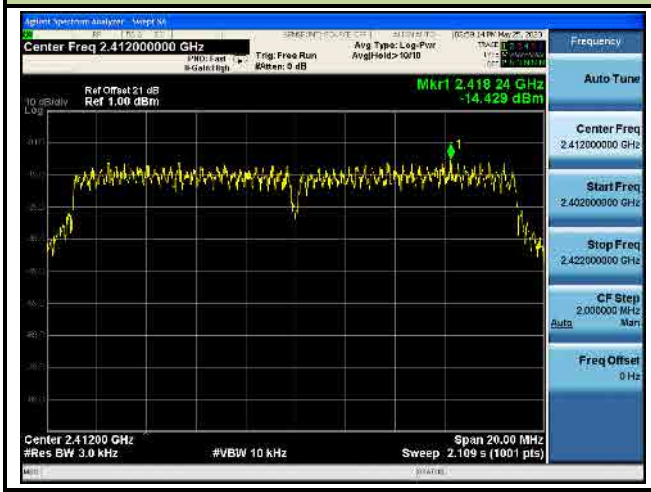
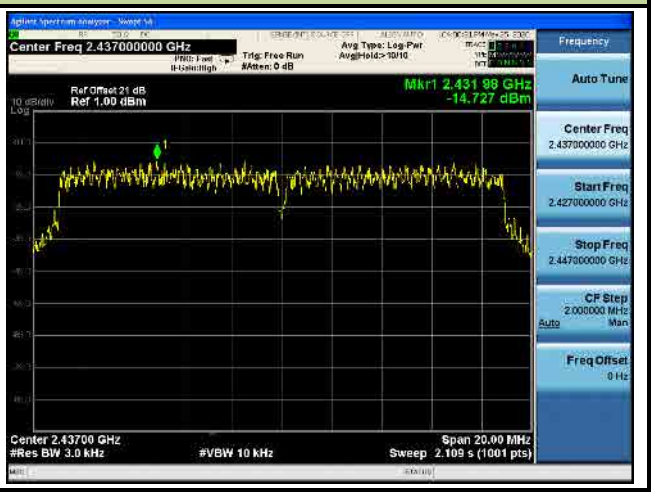
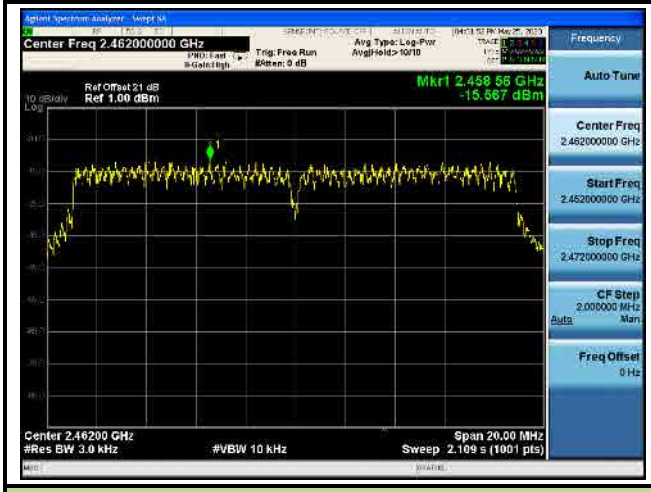
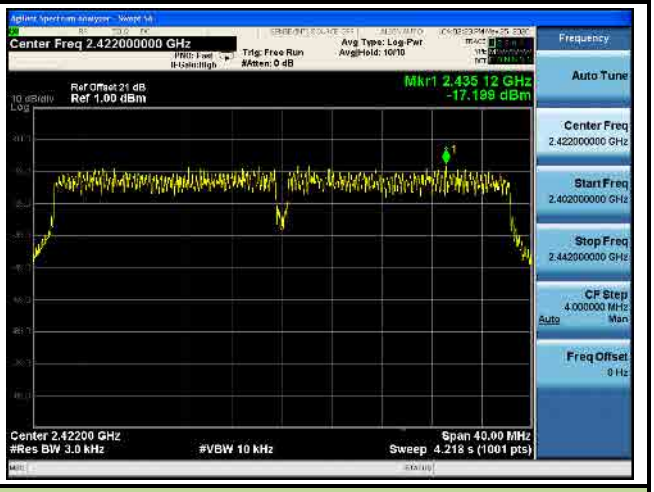
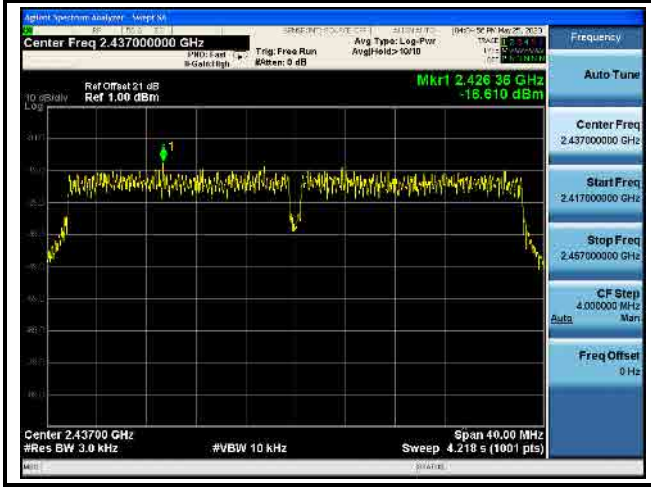
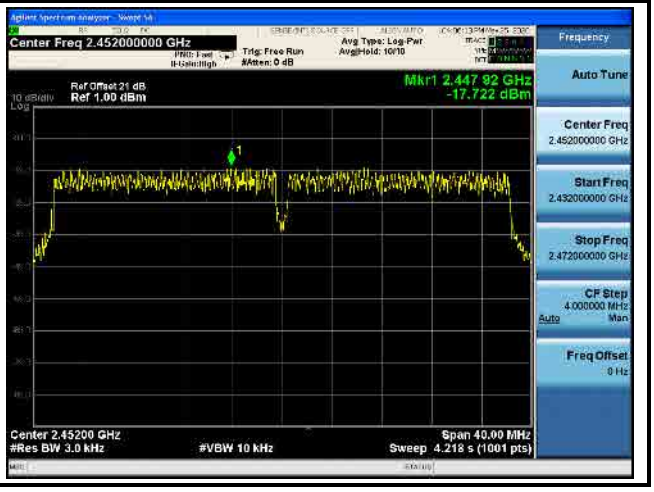


802.11 g CH06 (2437MHz)



802.11 g CH11 (2462MHz)



802.11 n-20M CH01 (2412MHz)	802.11 n-20M CH06 (2437MHz)
	
802.11 n-20M CH11 (2462MHz)	**802.11 n-40M CH03 (2422MHz)**
	
802.11 n-40M CH06 (2437MHz)	**802.11 n-40M CH09 (2452MHz)**
	

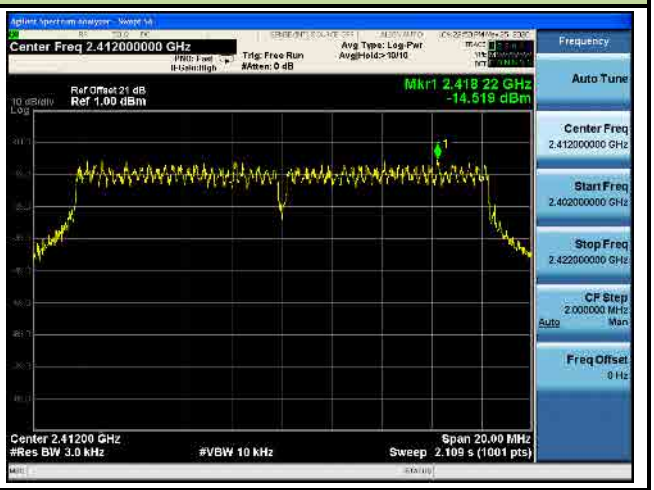
Antenna 1

802.11 b CH01 (2412MHz)

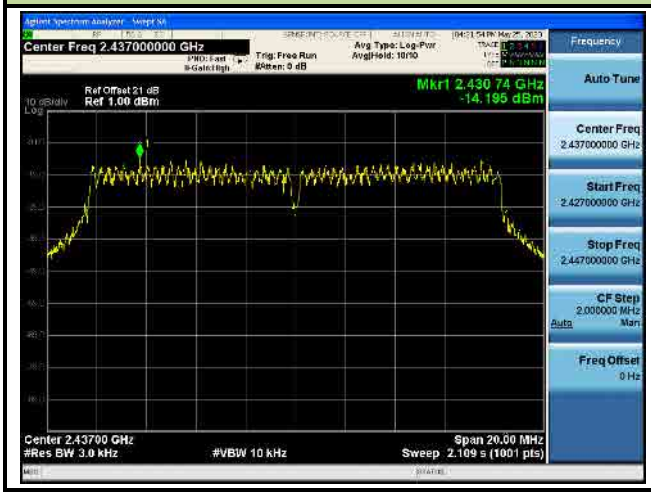
802.11 b CH06 (2437MHz)

802.11 b CH11 (2462MHz)

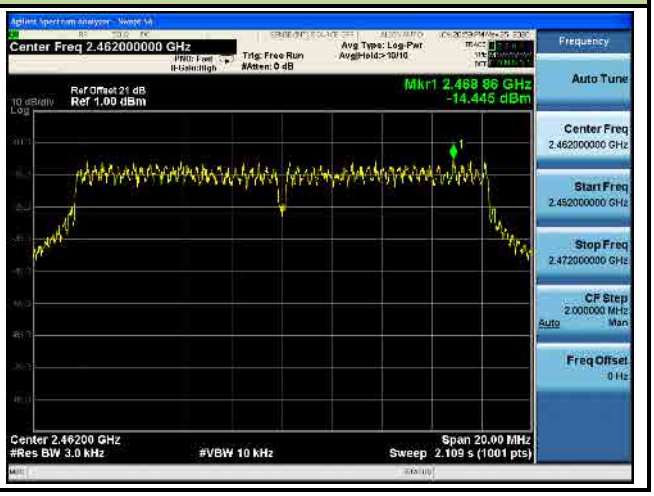
802.11 g CH01 (2412MHz)

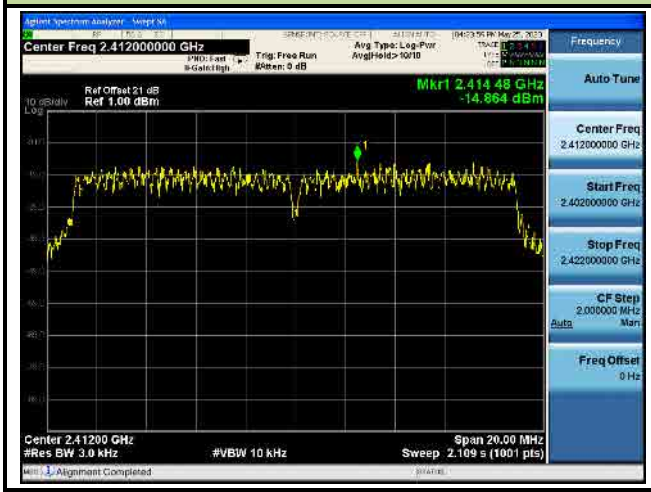
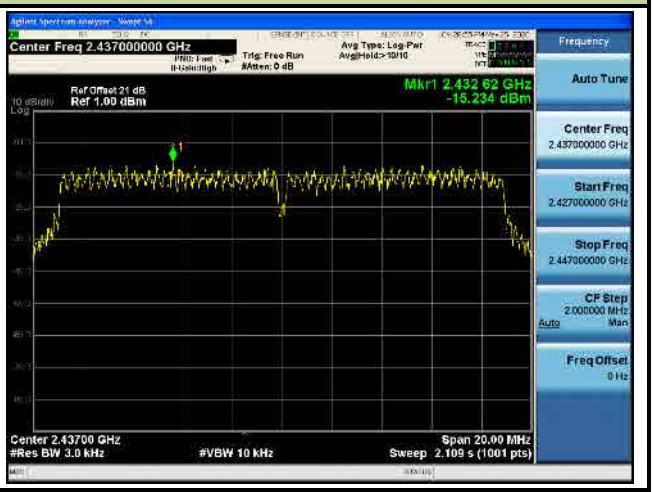
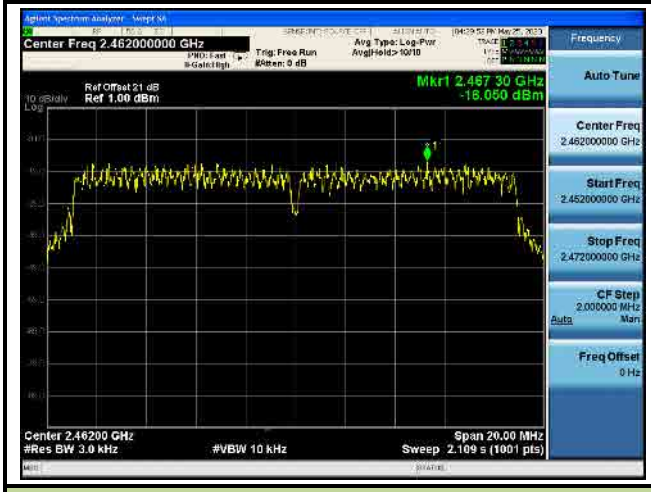
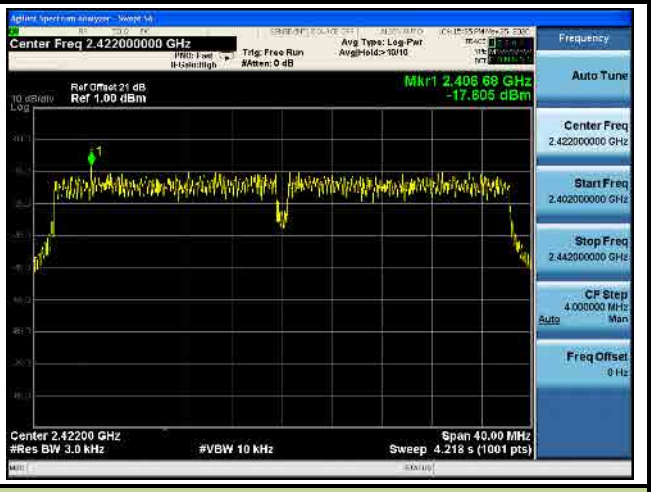
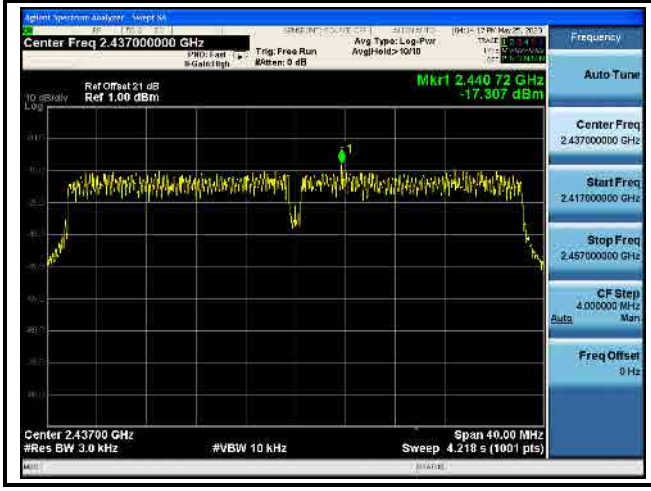
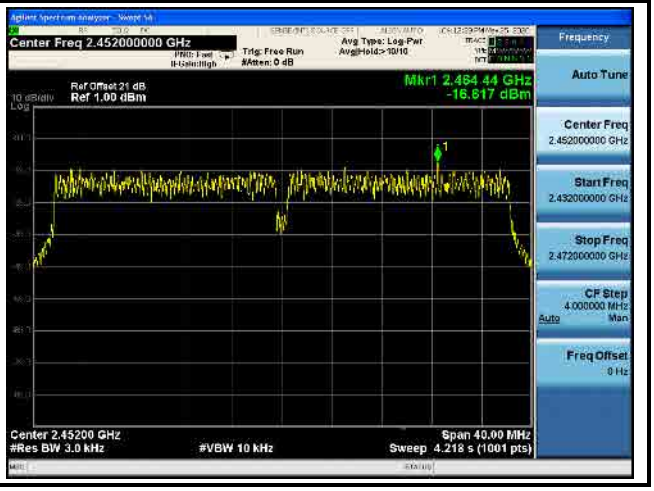


802.11 g CH06 (2437MHz)



802.11 g CH11 (2462MHz)



802.11 n-20M CH01 (2412MHz)	802.11 n-20M CH06 (2437MHz)
	
802.11 n-20M CH11 (2462MHz)	**802.11 n-40M CH03 (2422MHz)**
	
802.11 n-40M CH06 (2437MHz)	**802.11 n-40M CH09 (2452MHz)**
	

7.5. Out-of-Band Spurious Emissions Measurement

7.5.1. Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

7.5.2. Test Procedure Used

KDB 558074 D01v05r02- Section 11.11 & 11.12

7.5.3. Test Settitng

(a) Set instrument center frequency to DTS channel center frequency

(b) Set the span to ≥ 1.5 times the DTS bandwidth

(c) Set the RBW = 100 kHz

(d) Set the VBW ≥ 3 x RBW

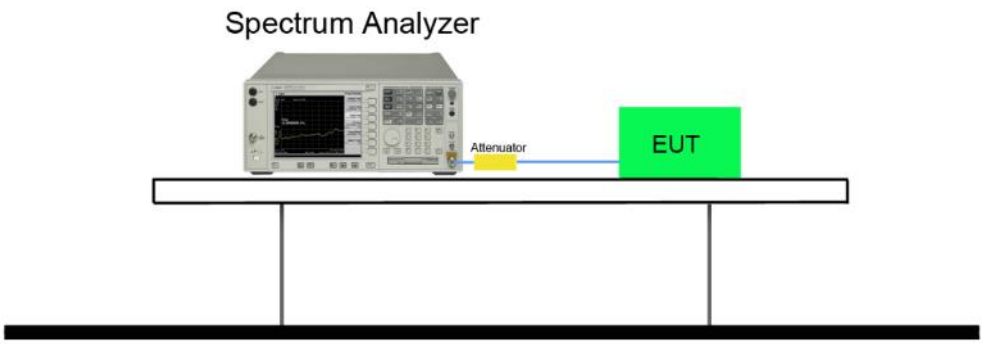
(e) Detector = peak

(f) Sweep time = auto couple

(g) Trace mode = max hold

(h) Allow trace to fully stabilize

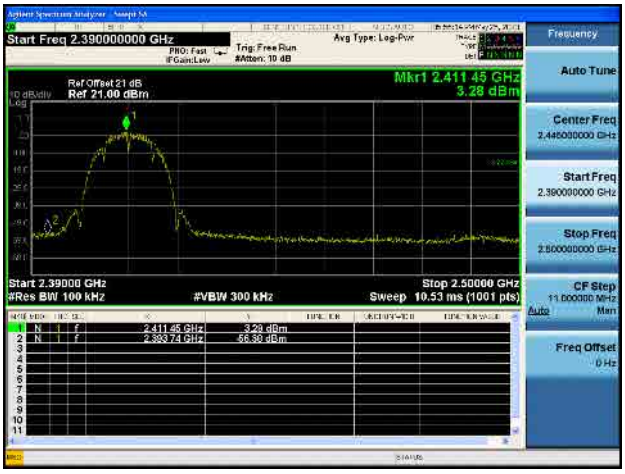
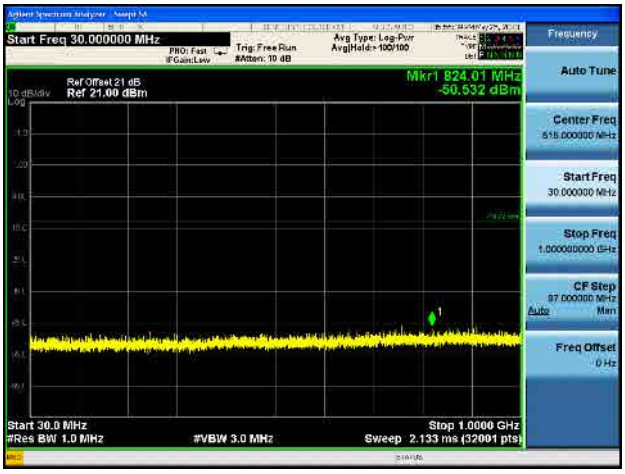
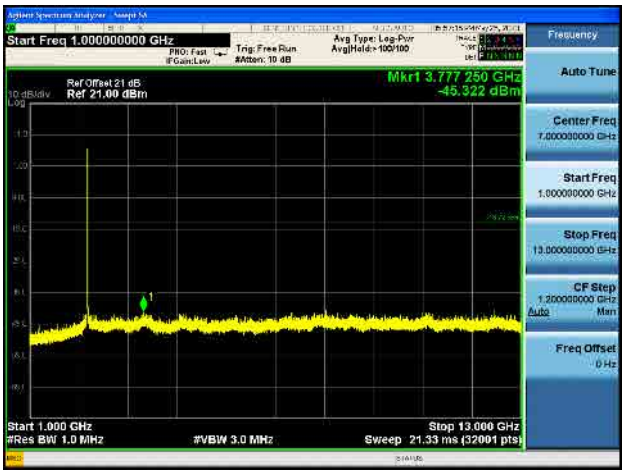
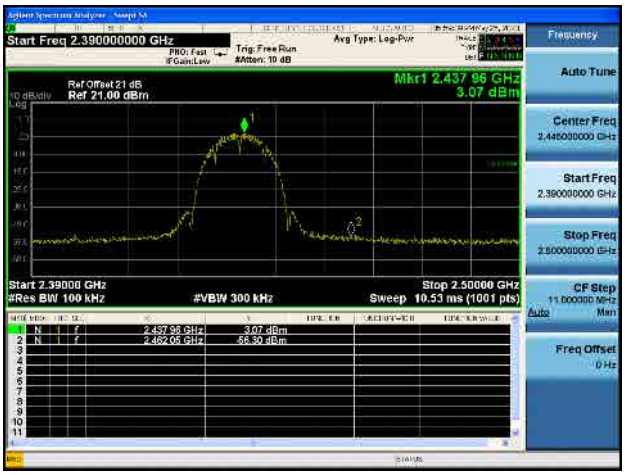
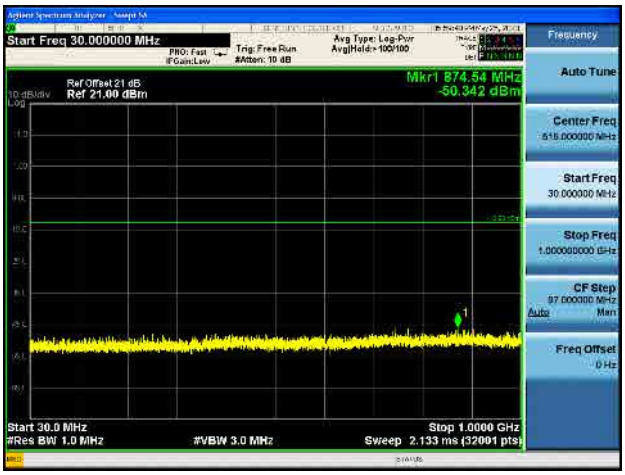
7.5.4. Test Setup

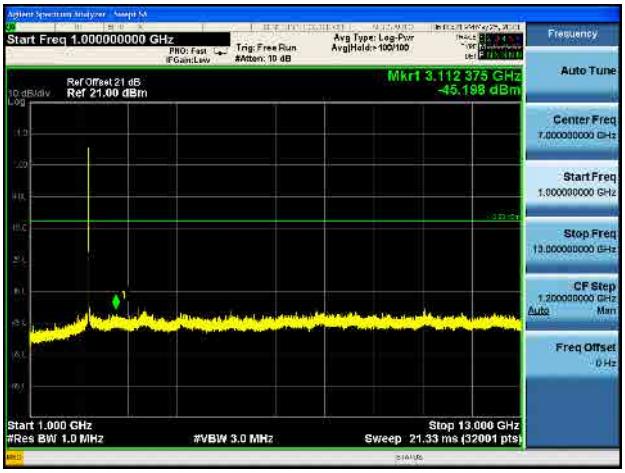


7.5.5. Test Result

Test Mode	Channel No.	Frequency (MHz)	Limit	Result
Antenna 0				
802.11b	01	2412	20dBc	Pass
802.11b	06	2437	20dBc	Pass
802.11b	11	2462	20dBc	Pass
802.11g	01	2412	20dBc	Pass
802.11g	06	2437	20dBc	Pass
802.11g	11	2462	20dBc	Pass
802.11n-20M	01	2412	20dBc	Pass
802.11n-20M	06	2437	20dBc	Pass
802.11n-20M	11	2462	20dBc	Pass
802.11n-40M	03	2422	20dBc	Pass
802.11n-40M	06	2437	20dBc	Pass
802.11n-40M	09	2452	20dBc	Pass

Test Mode	Channel No.	Frequency (MHz)	Limit	Result
Antenna 1				
802.11b	01	2412	20dBc	Pass
802.11b	06	2437	20dBc	Pass
802.11b	11	2462	20dBc	Pass
802.11g	01	2412	20dBc	Pass
802.11g	06	2437	20dBc	Pass
802.11g	11	2462	20dBc	Pass
802.11n-20M	01	2412	20dBc	Pass
802.11n-20M	06	2437	20dBc	Pass
802.11n-20M	11	2462	20dBc	Pass
802.11n-40M	03	2422	20dBc	Pass
802.11n-40M	06	2437	20dBc	Pass
802.11n-40M	09	2452	20dBc	Pass

Antenna 0	
802.11 b CH01 (2412MHz)	802.11 b CH01 (2412MHz)
	
802.11 b CH01 (2412MHz)	802.11 b CH01 (2412MHz)
	
802.11 b CH06 (2437MHz)	802.11 b CH06 (2437MHz)
	

802.11 b CH06 (2437MHz)	802.11 b CH06 (2437MHz)
	
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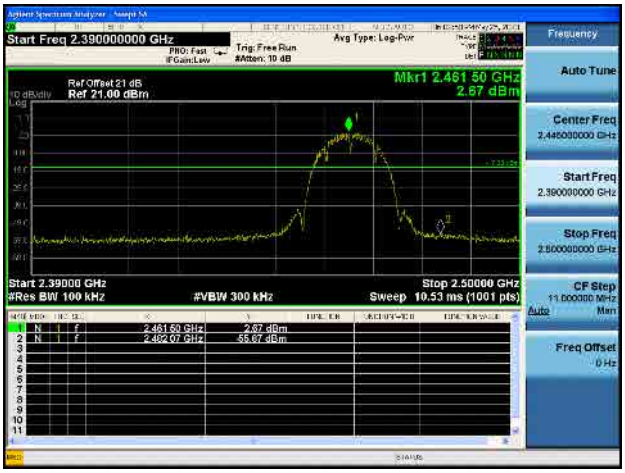	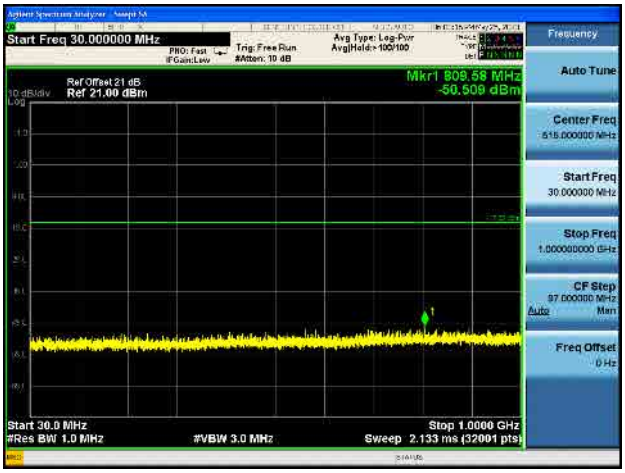
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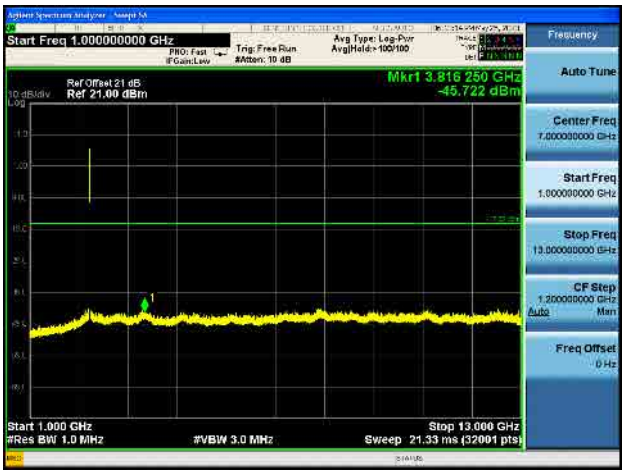	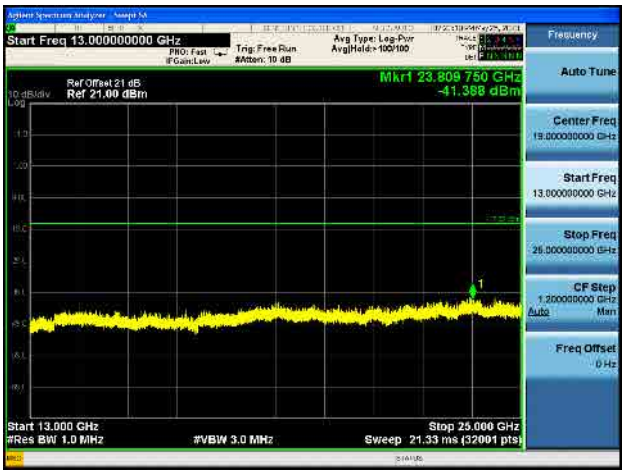

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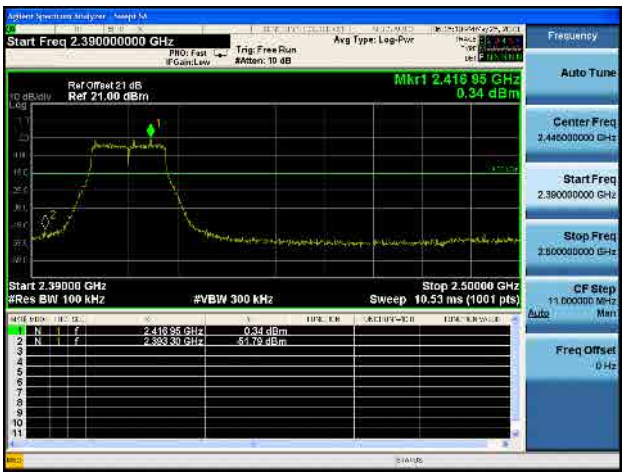
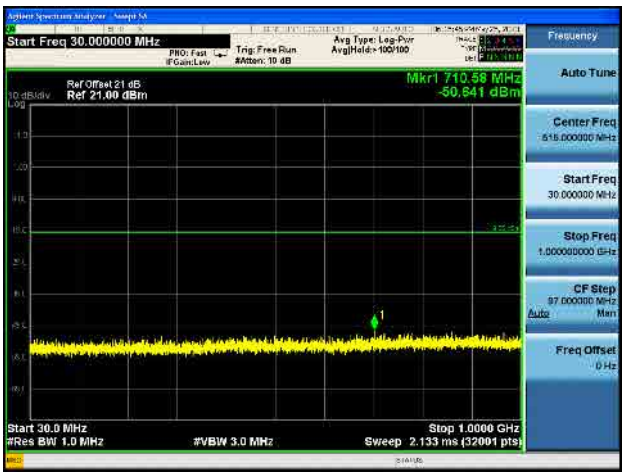
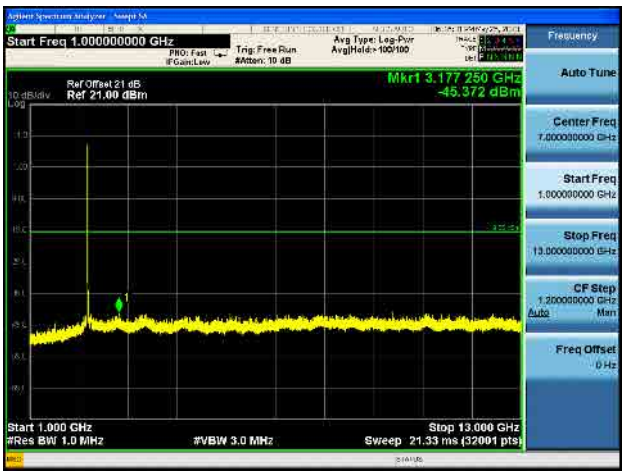
	
802.11 g CH01 (2412MHz)	**802.11 g CH01 (2412MHz)**
	
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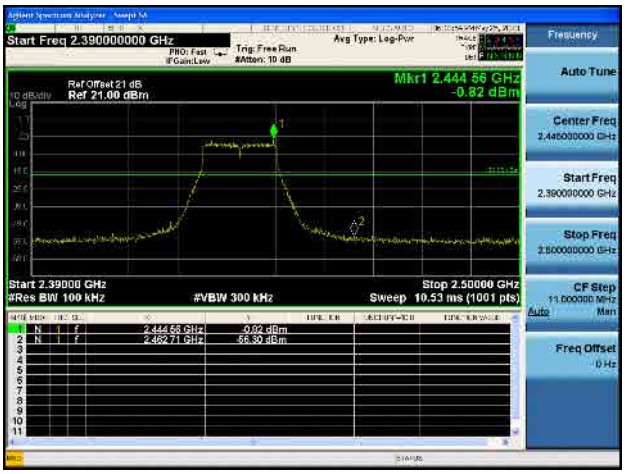
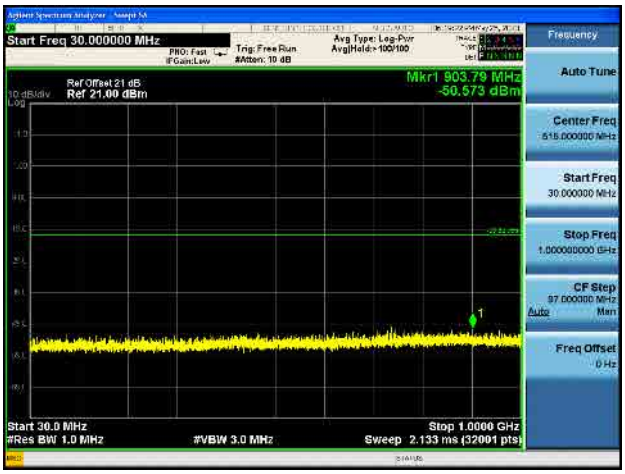
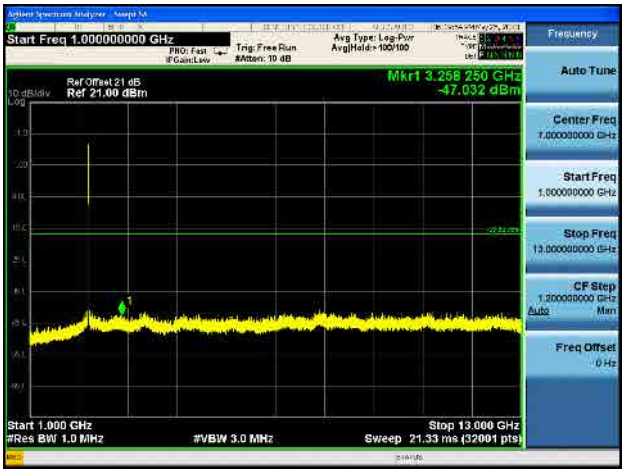
	

802.11 g CH06 (2437MHz)	802.11 g CH06 (2437MHz)
	
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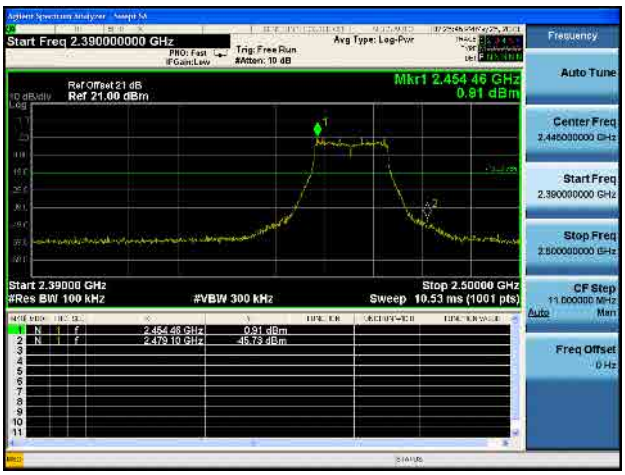
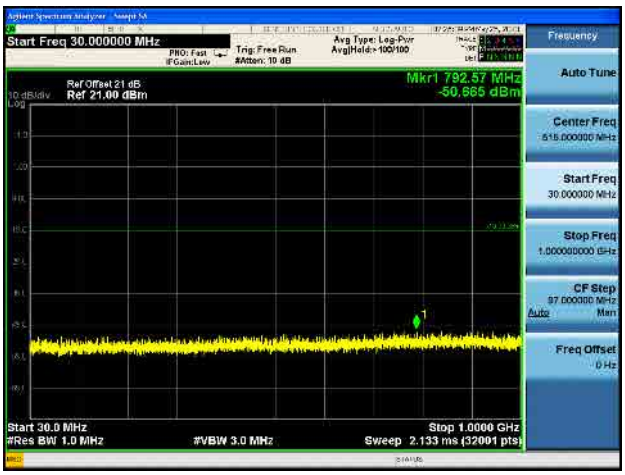
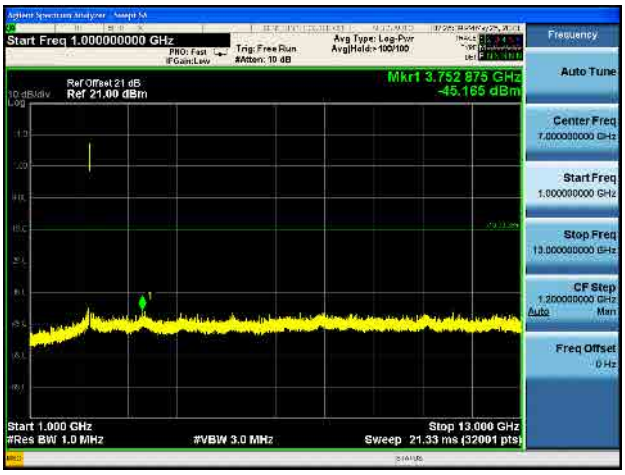
	
802.11 g CH11 (2462MHz)	**802.11 g CH11 (2462MHz)**
	

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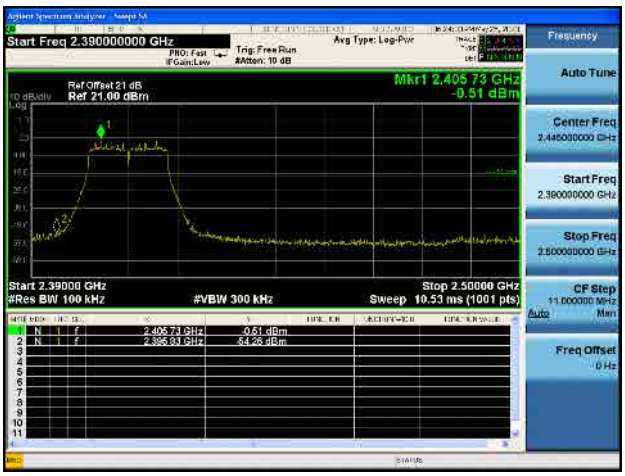	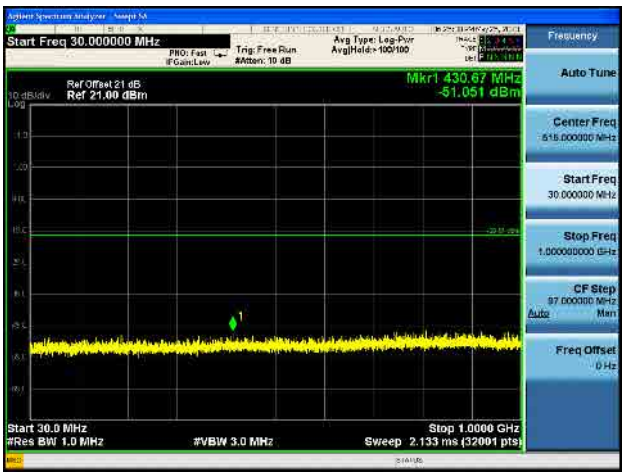
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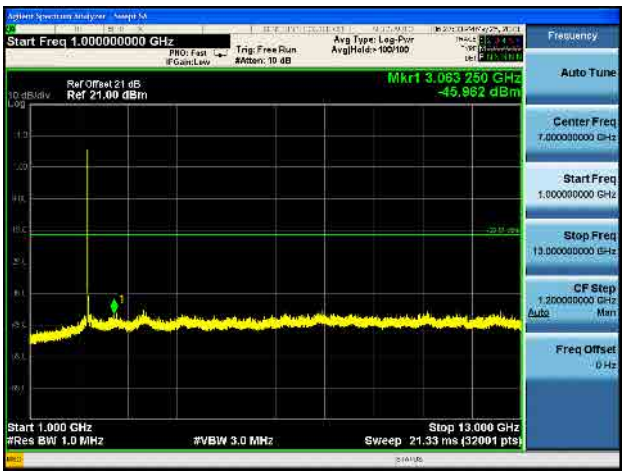	
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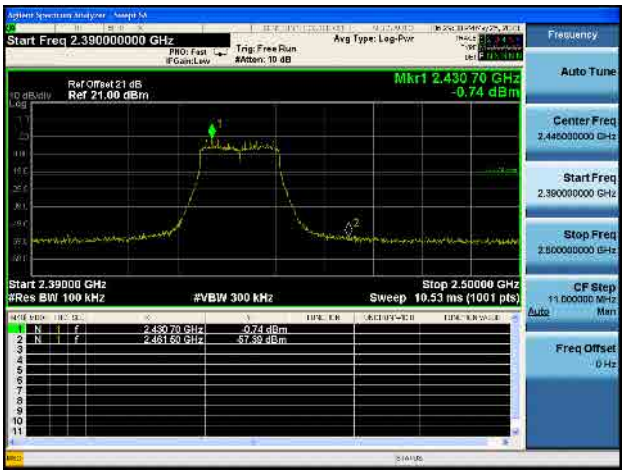
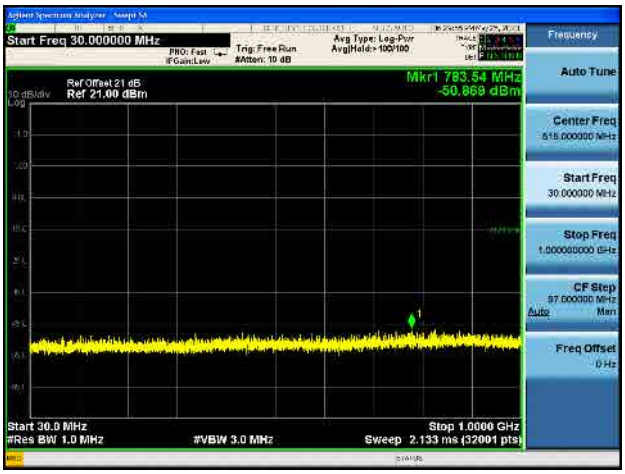
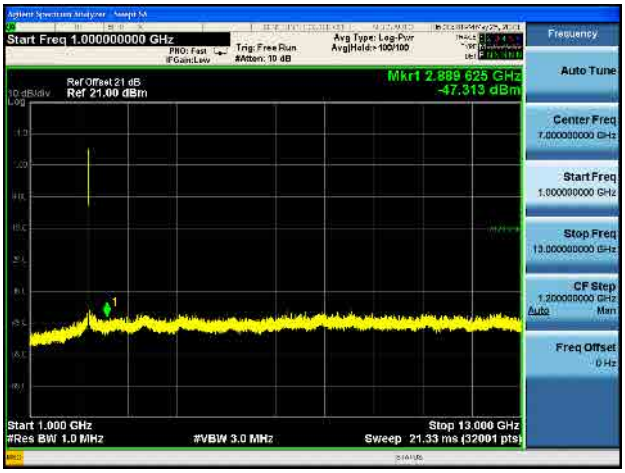
	

802.11 n20 CH06 (2437MHz)	802.11 n20 CH06 (2437MHz)
	
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	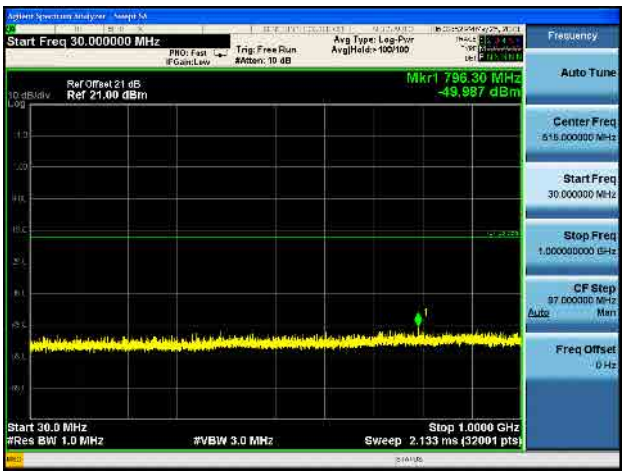
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	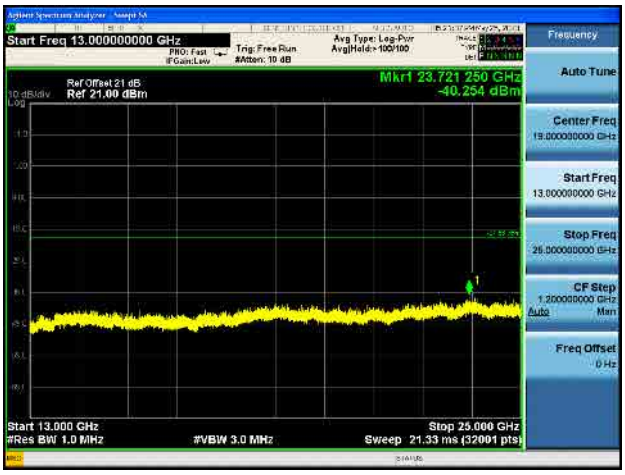

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	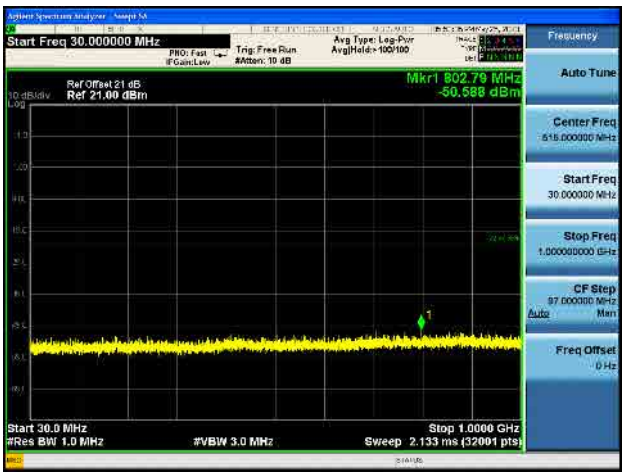
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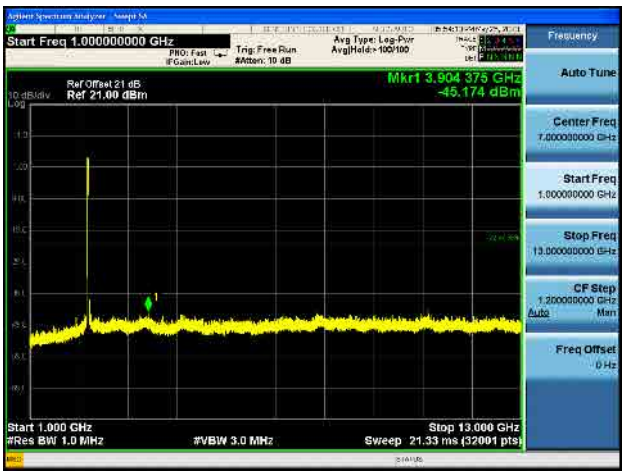	
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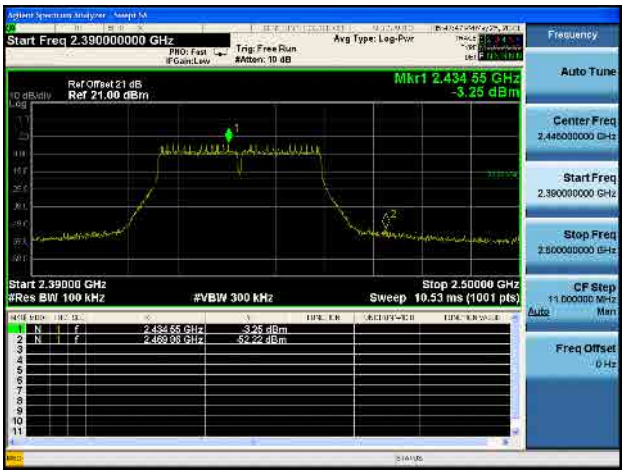	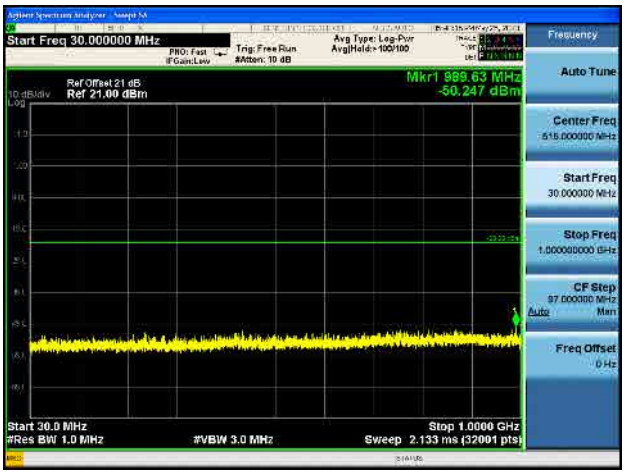

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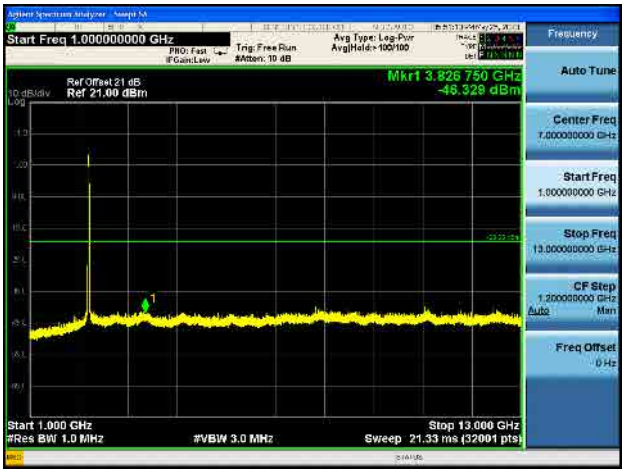	
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	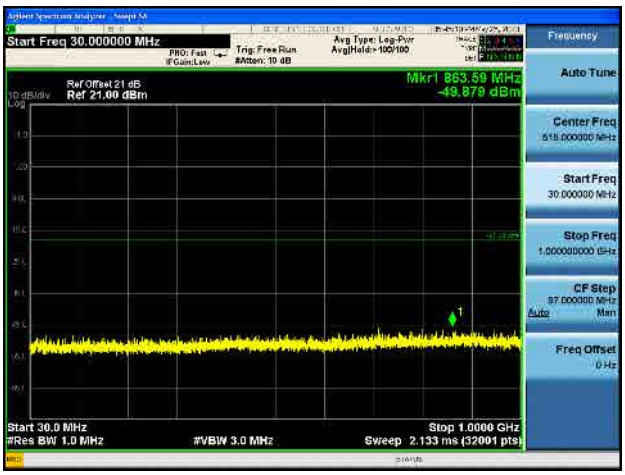
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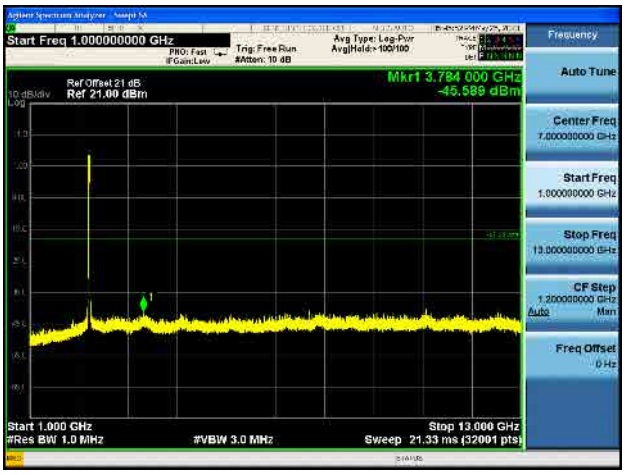	

Antenna 1	
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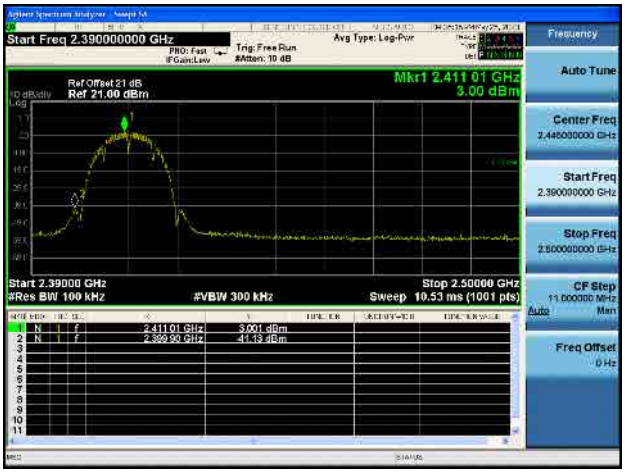	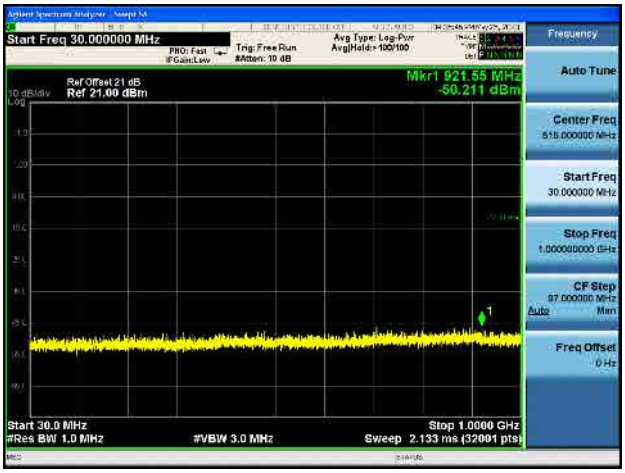
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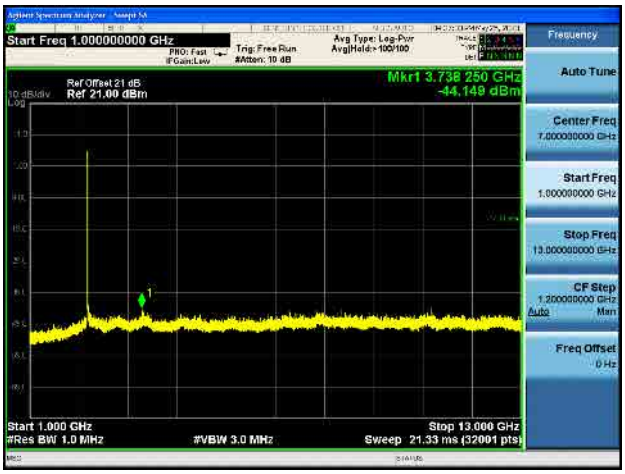	
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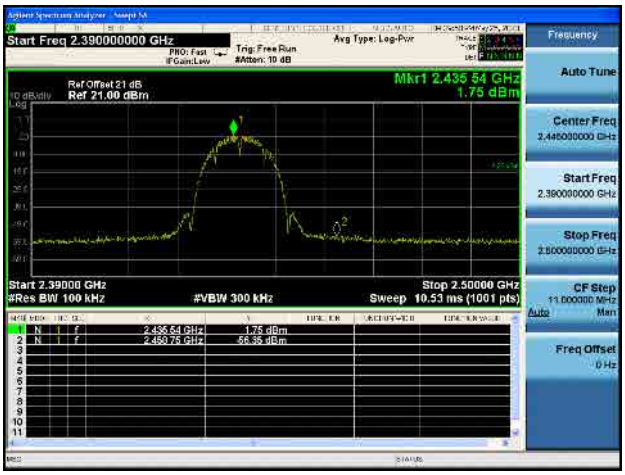	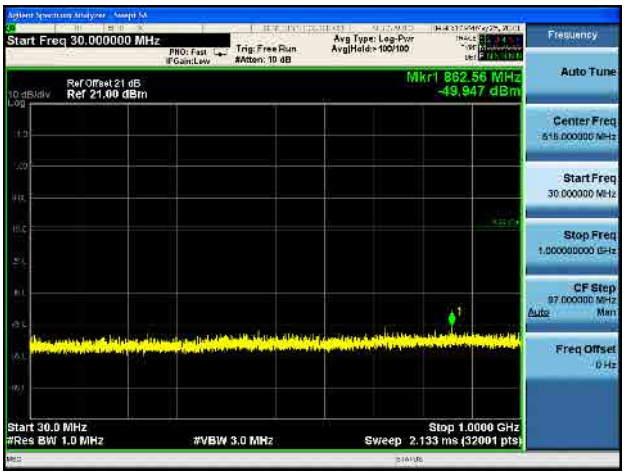

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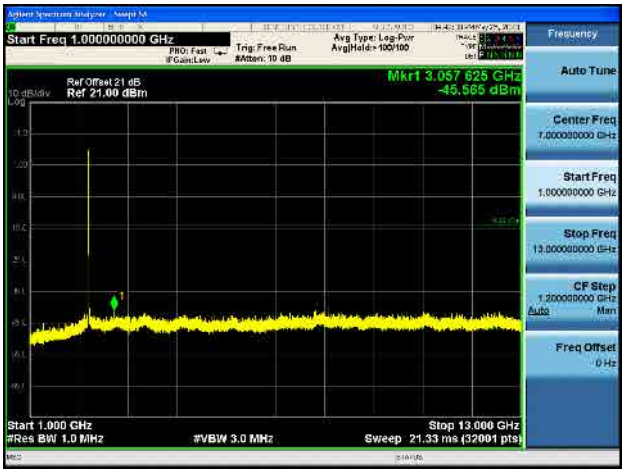	
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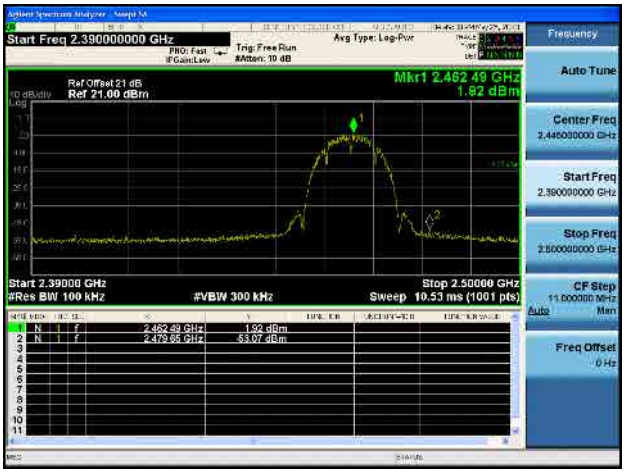	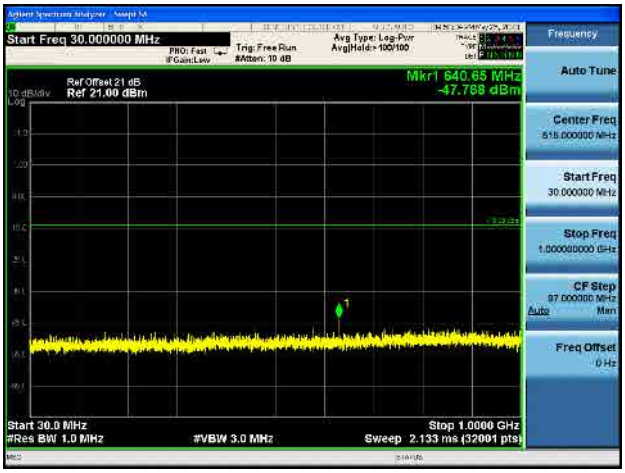
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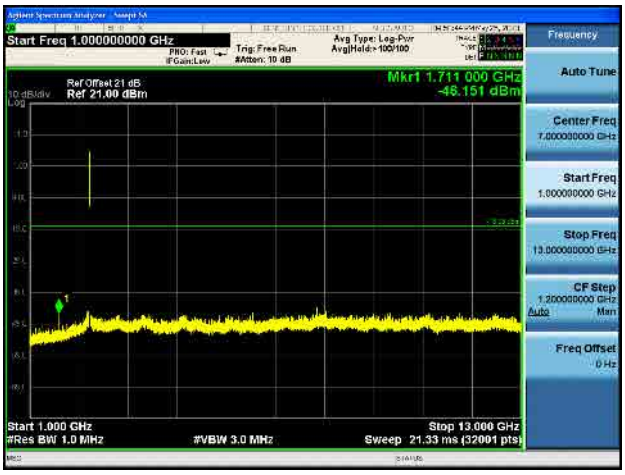	

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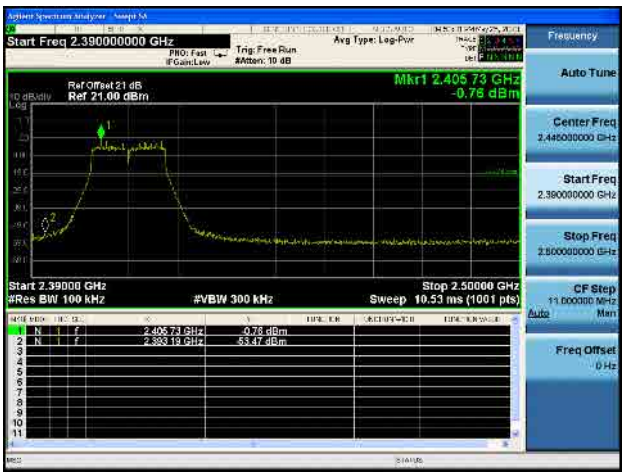	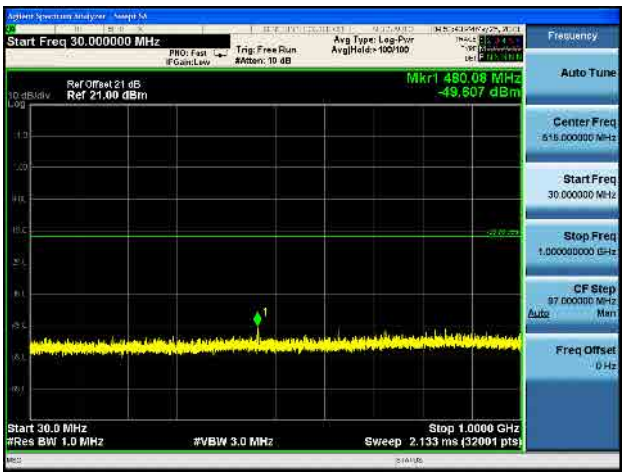
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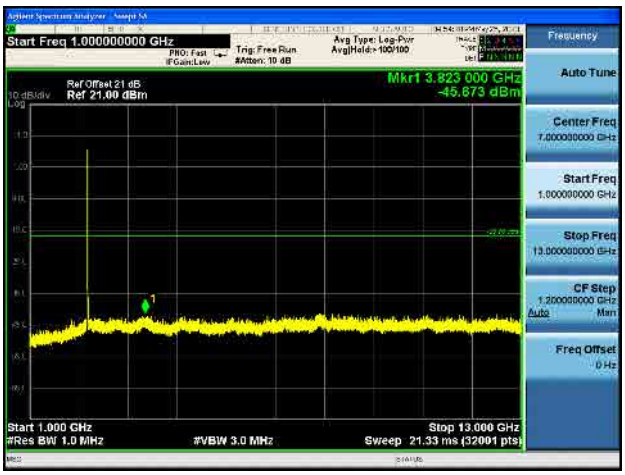	
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	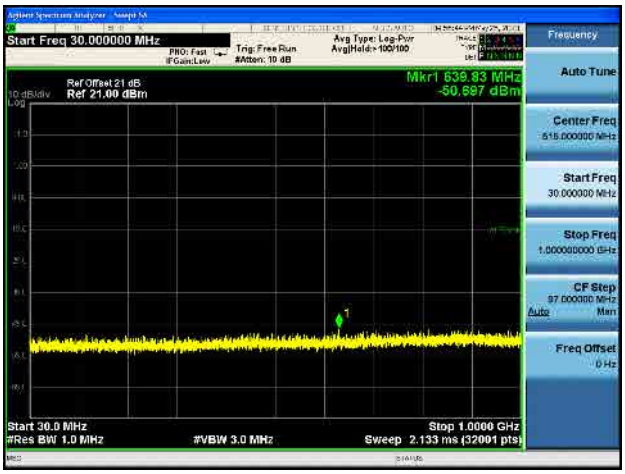

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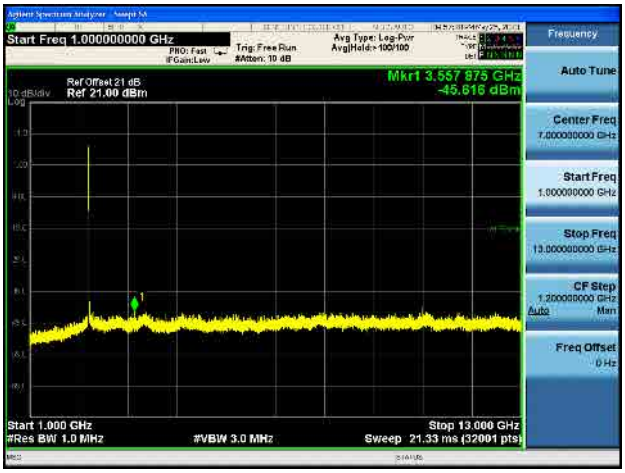	
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	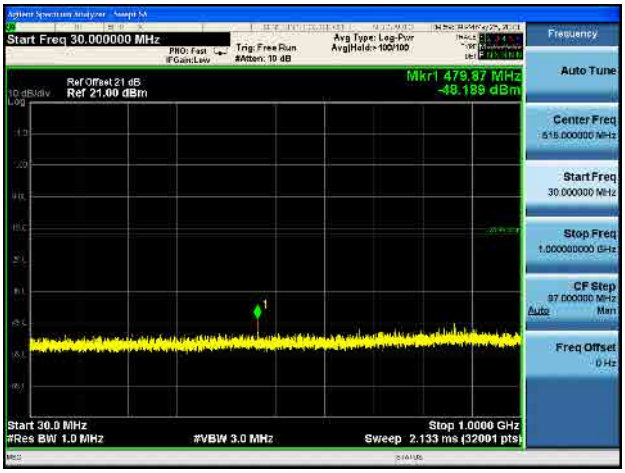
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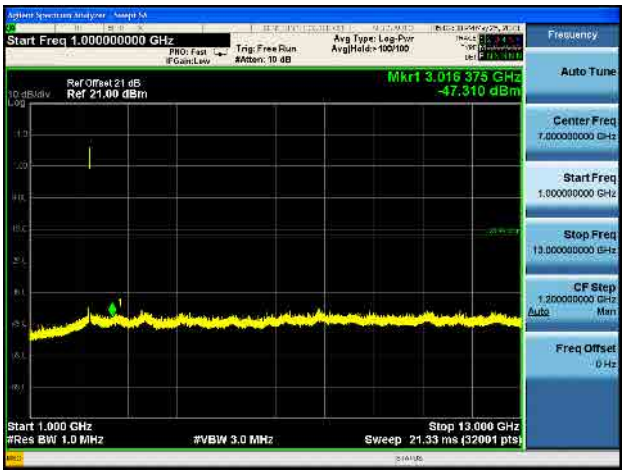	

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	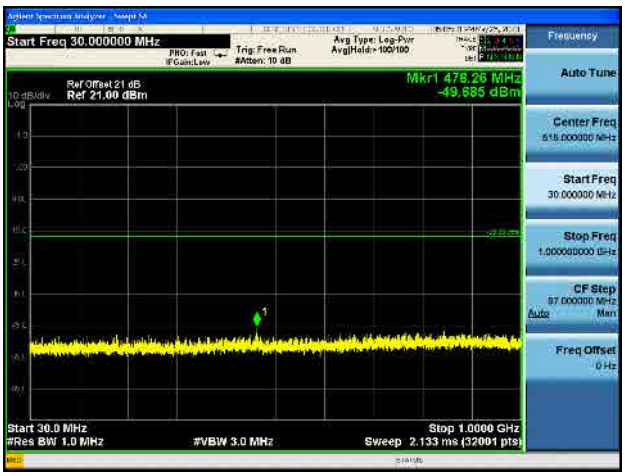
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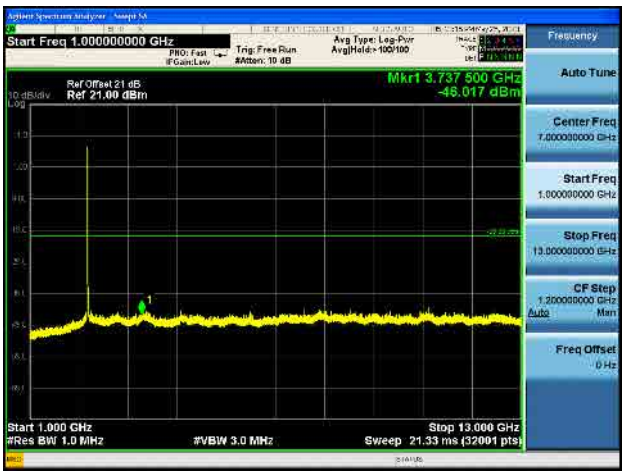	
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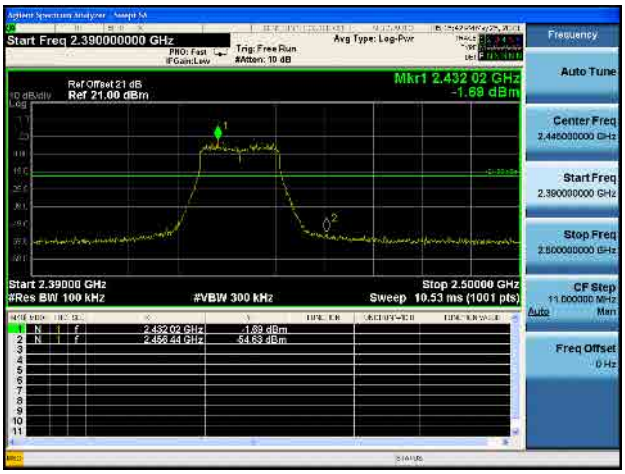	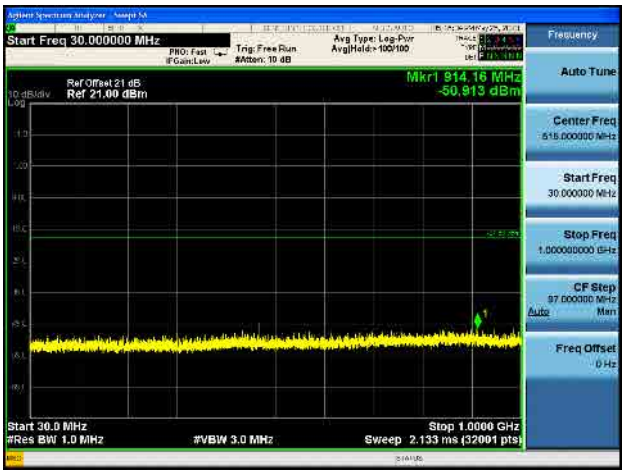

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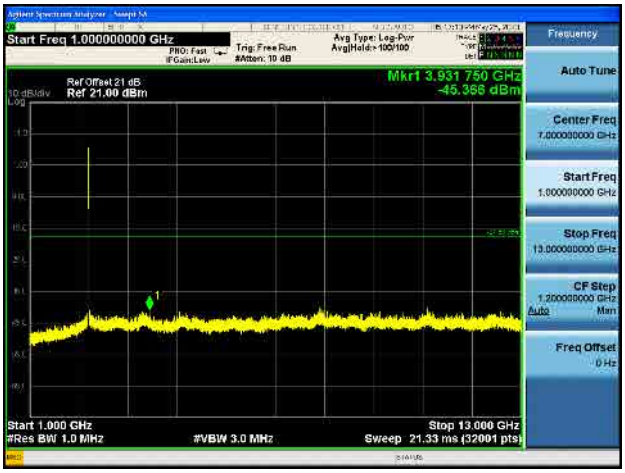	
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	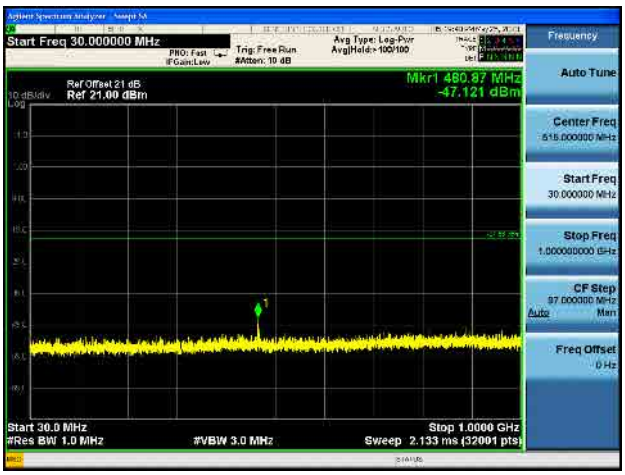
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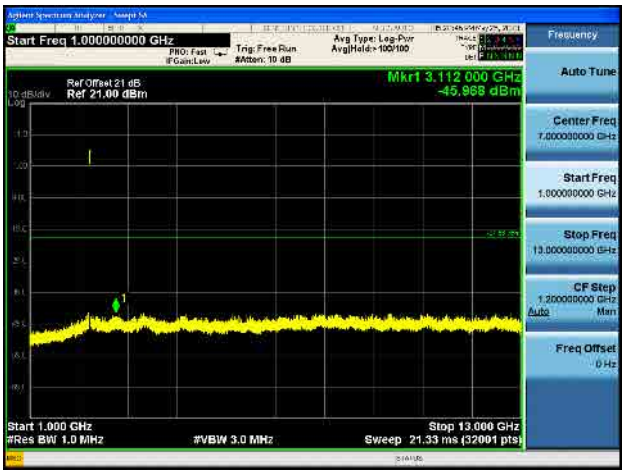	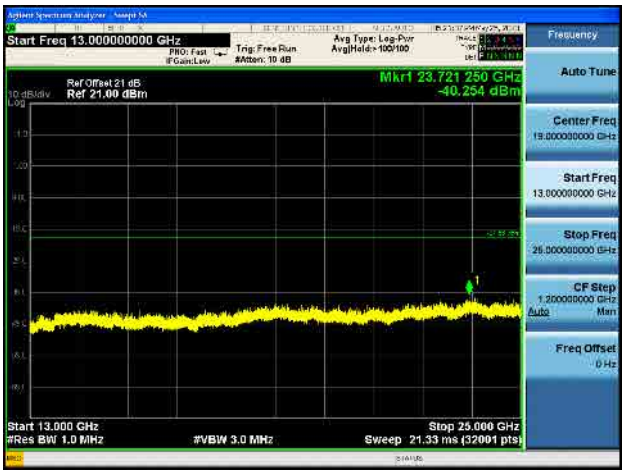

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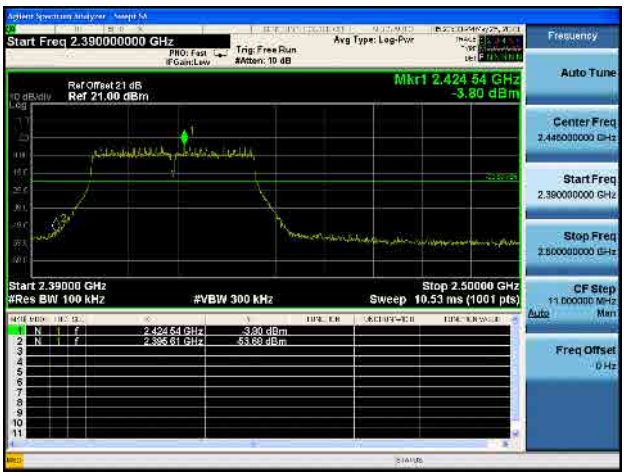	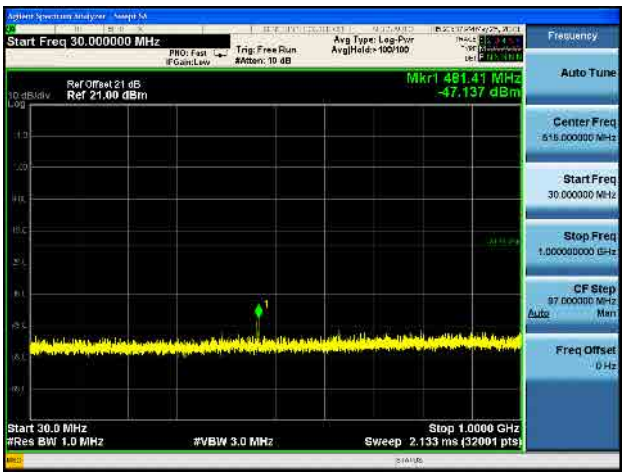
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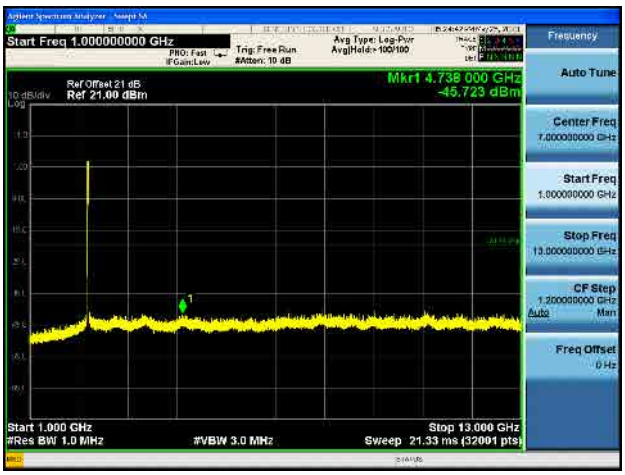	
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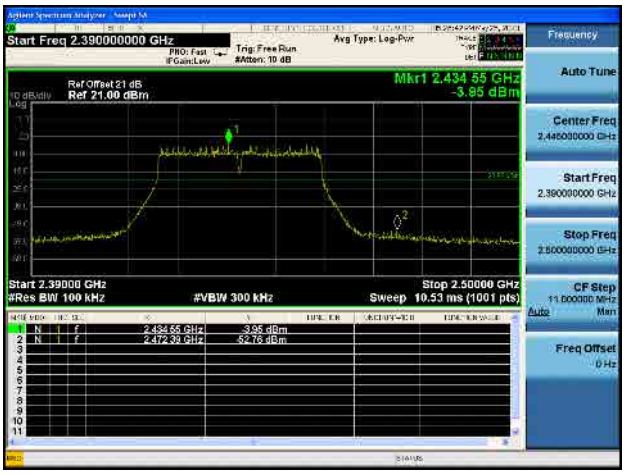
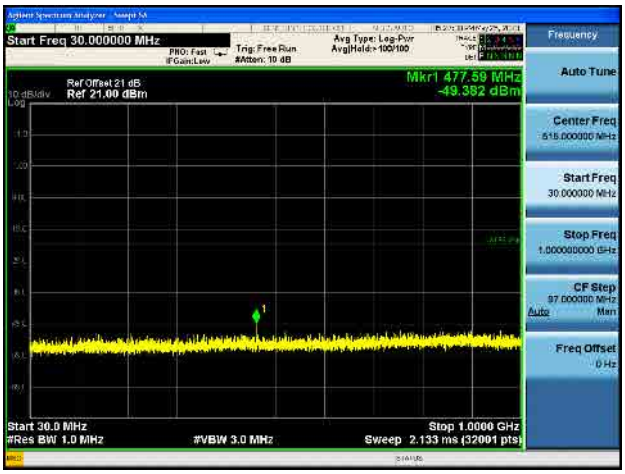
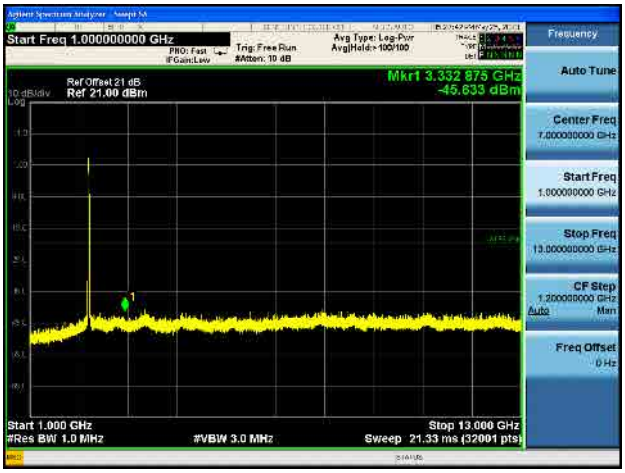
	

802.11 n40 CH06 (2437MHz)	802.11 n40 CH06 (2437MHz)
	
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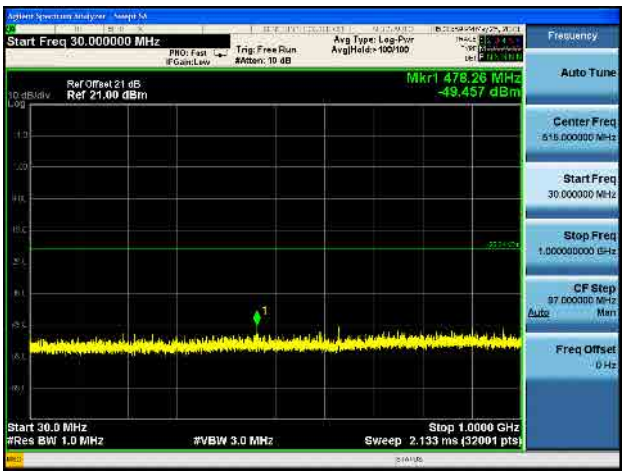
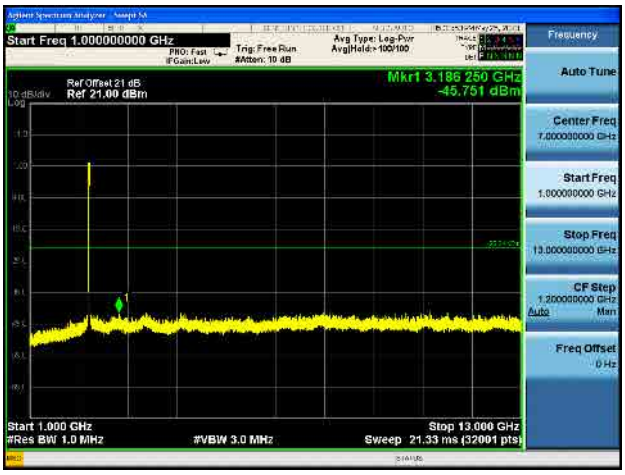
	
802.11 n40 CH09 (2452MHz)	**802.11 n40 CH09 (2452MHz)**
	

7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

ANSI C63.10- Section 11.12.2.3 (quasi-peak measurements)

ANSI C63.10- Section 111.2.2.4 (peak power measurements)

ANSI C63.10- Section 11.12.2.5 (average power measurements)

7.6.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

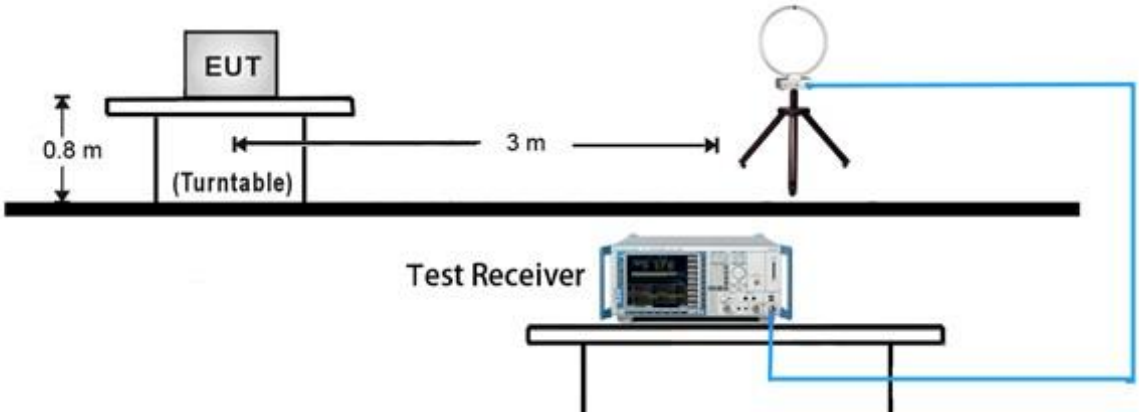
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

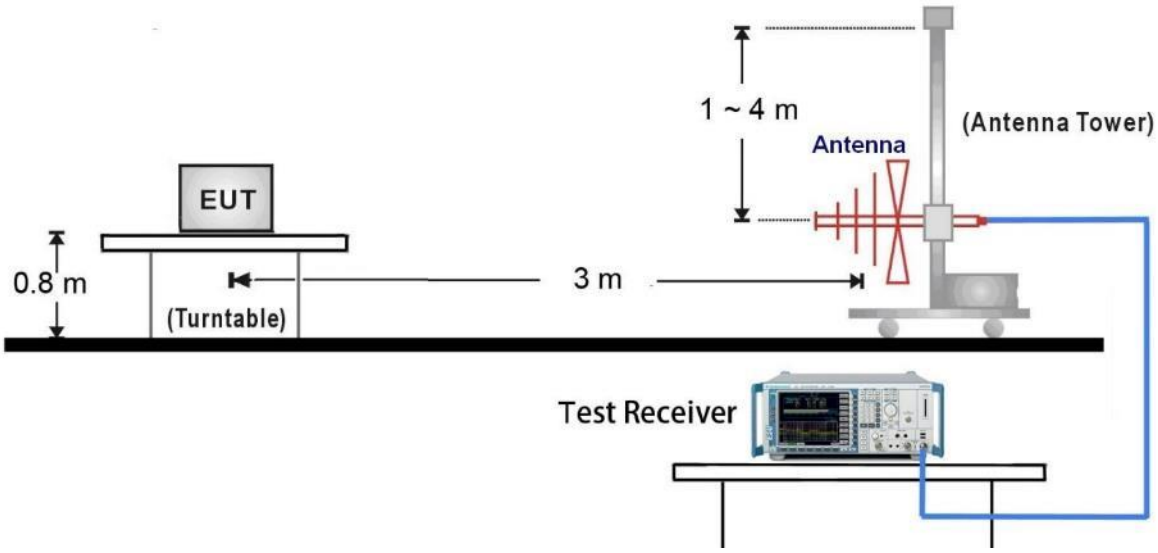
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4. Test Setup

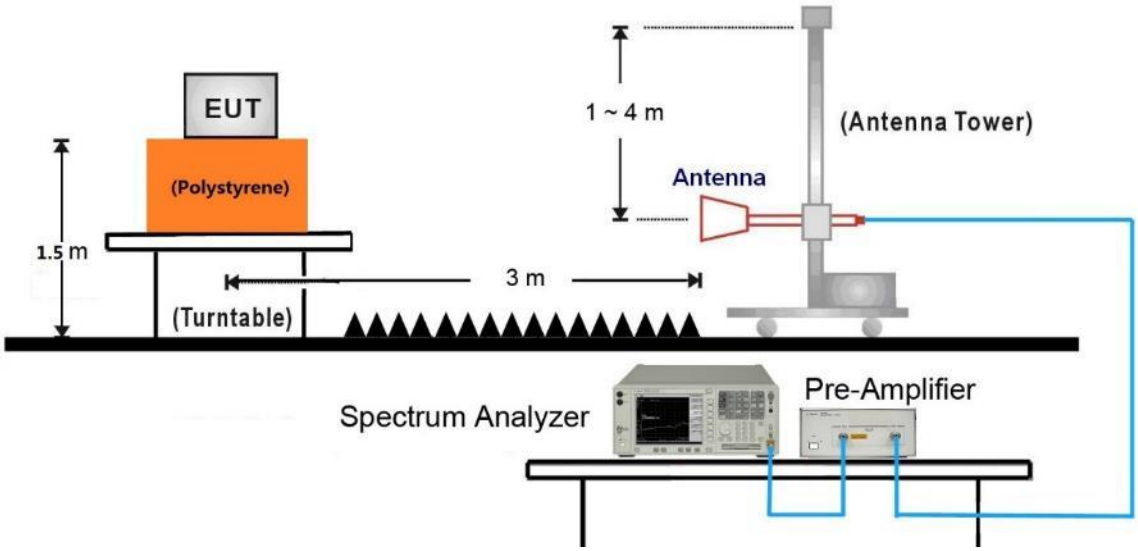
9kHz ~ 30MHz Test Setup:



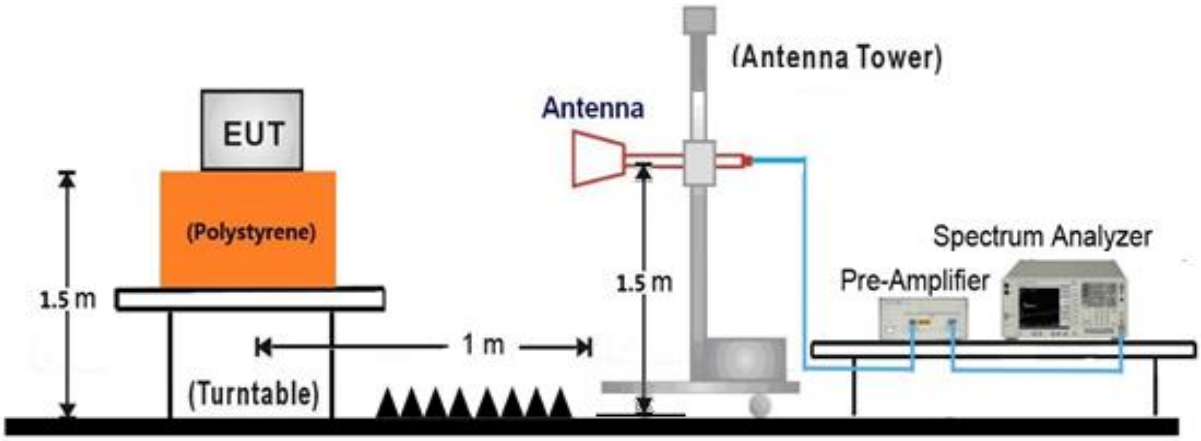
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:

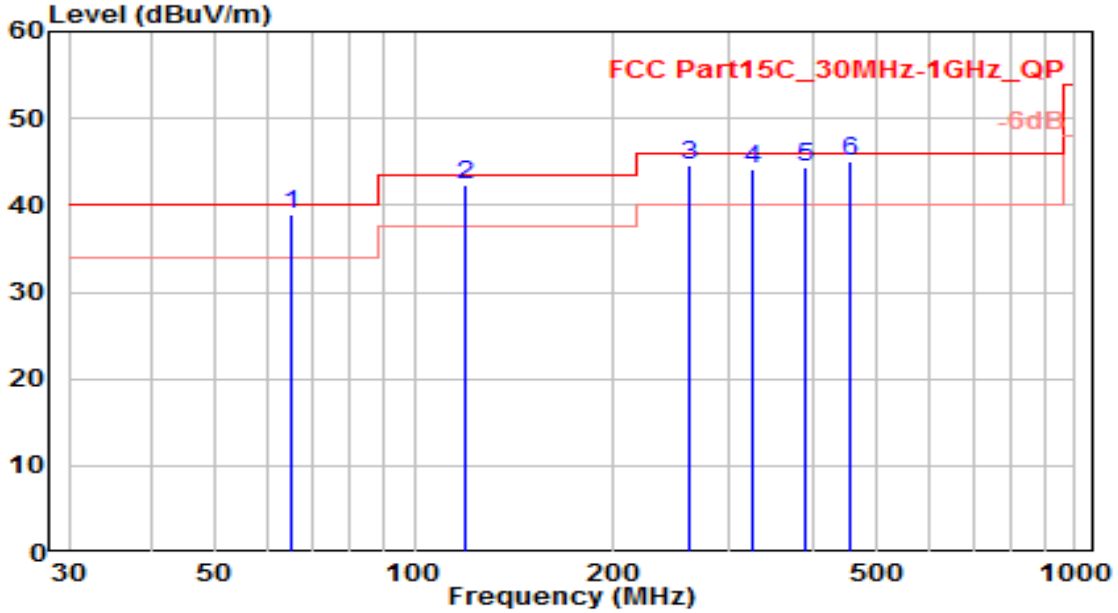


18GHz ~25GHz Test Setup:



7.6.5. Test Result

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

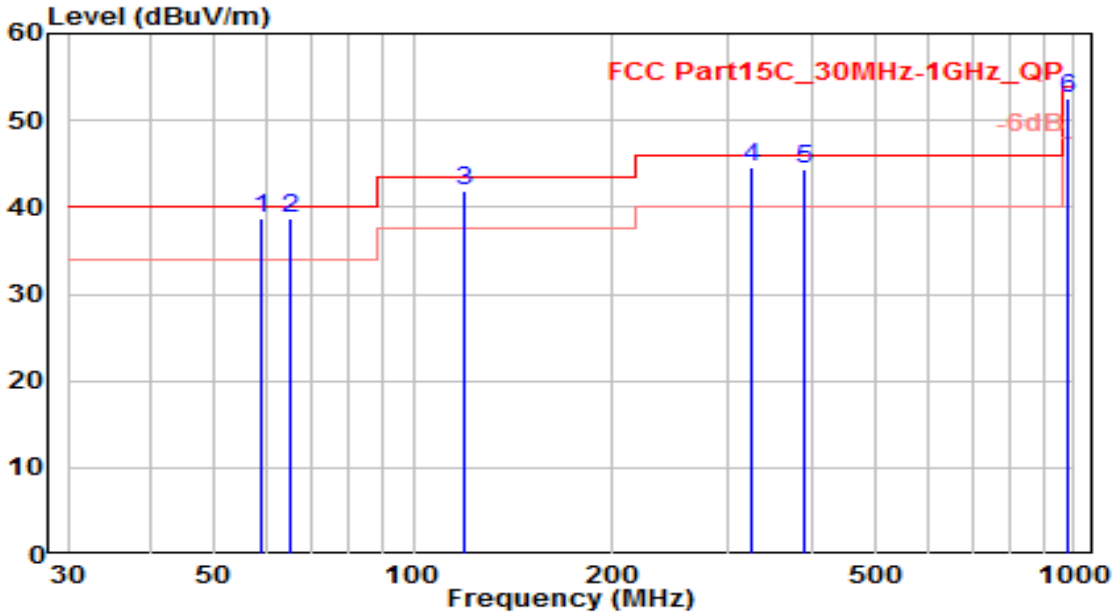


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	64.920	20.67	18.32	38.99	-1.01	40.00	100	150	QP
2		119.240	25.27	17.07	42.34	-1.16	43.50	100	325	QP
3		259.890	24.00	20.57	44.58	-1.42	46.00	100	220	QP
4		324.880	21.79	22.41	44.20	-1.80	46.00	100	200	QP
5		389.870	20.43	24.01	44.45	-1.55	46.00	100	160	QP
6		454.860	19.98	24.98	44.96	-1.04	46.00	100	80	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

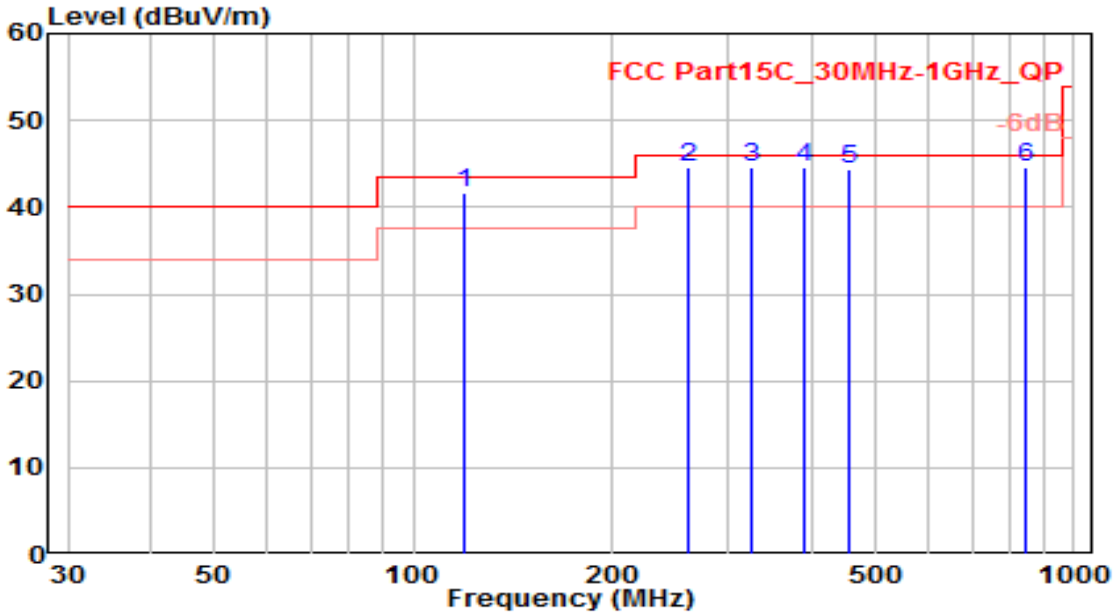


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		59.100	18.39	20.25	38.64	-1.36	40.00	100	35	QP
2	*	64.920	20.38	18.32	38.70	-1.30	40.00	100	185	QP
3		119.240	24.82	17.07	41.90	-1.60	43.50	100	45	QP
4		324.880	22.09	22.41	44.50	-1.50	46.00	100	60	QP
5		389.870	20.38	24.01	44.39	-1.61	46.00	100	80	QP
6		975.750	20.27	32.17	52.44	-1.56	54.00	100	115	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

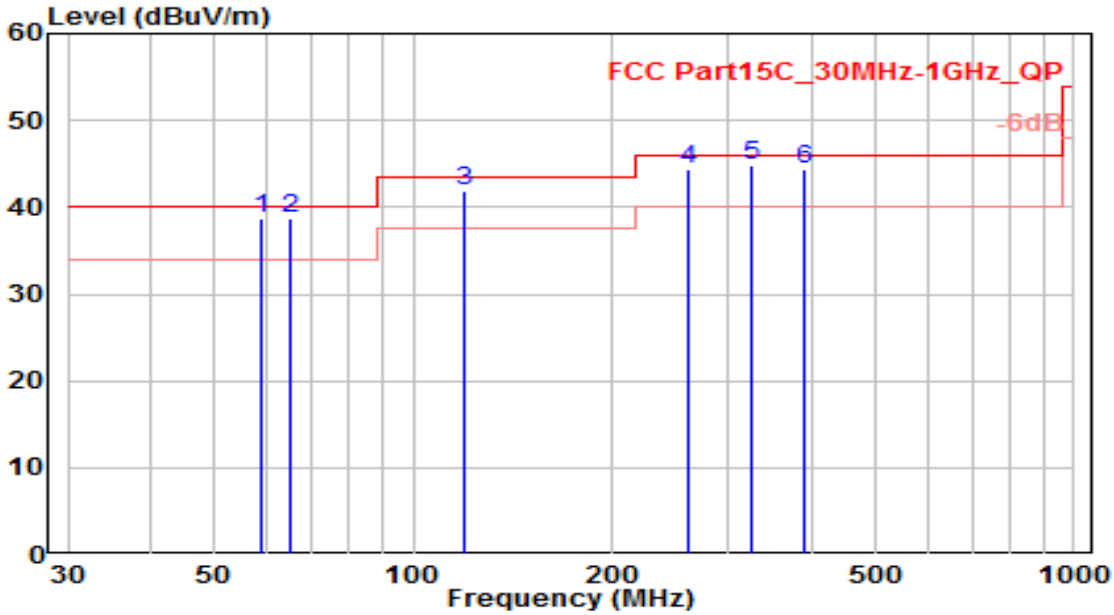


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		119.240	24.65	17.07	41.73	-1.77	43.50	100	110	QP
2	*	259.890	24.10	20.57	44.67	-1.33	46.00	100	30	QP
3		324.880	22.16	22.41	44.57	-1.43	46.00	100	120	QP
4		389.870	20.50	24.01	44.51	-1.49	46.00	100	80	QP
5		454.860	19.35	24.98	44.33	-1.67	46.00	100	150	QP
6		845.770	13.44	31.20	44.64	-1.36	46.00	100	60	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

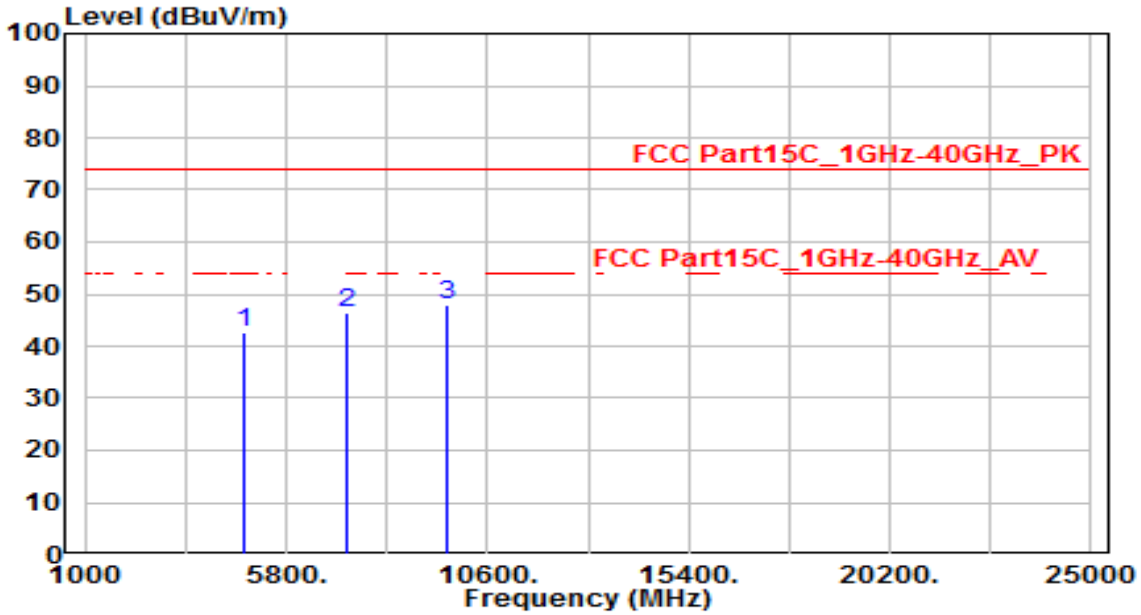


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		59.100	18.53	20.25	38.78	-1.22	40.00	110	0	QP
2		64.920	20.40	18.32	38.72	-1.28	40.00	100	350	QP
3		119.240	24.74	17.07	41.81	-1.69	43.50	100	85	QP
4		259.890	23.84	20.57	44.42	-1.58	46.00	100	90	QP
5	*	324.880	22.39	22.41	44.80	-1.20	46.00	100	20	QP
6		389.870	20.41	24.01	44.42	-1.58	46.00	100	35	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

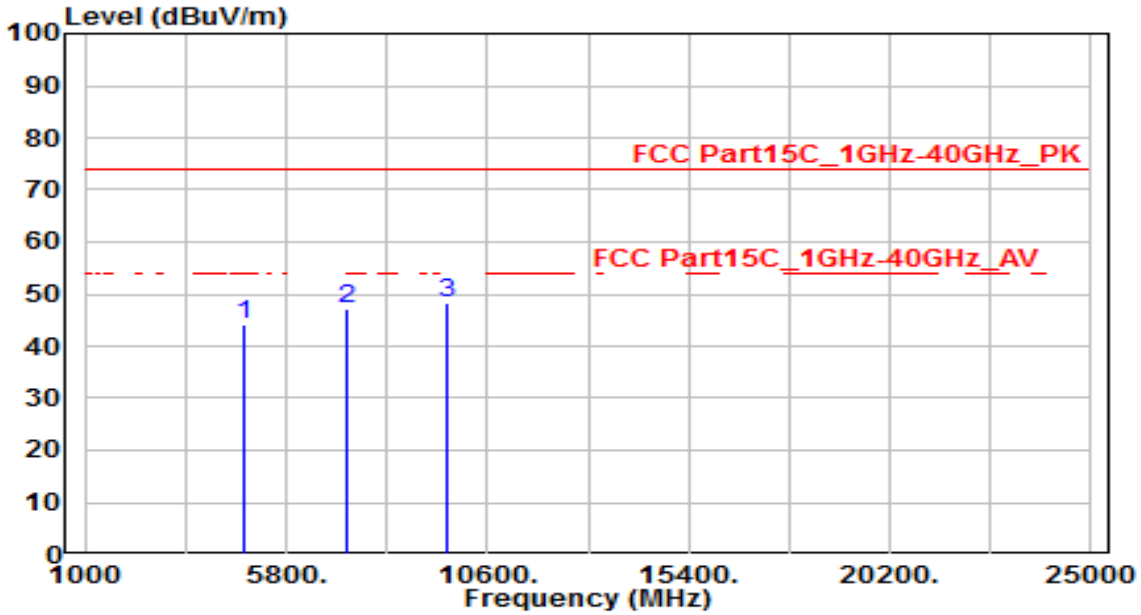


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	39.52	3.20	42.72	-31.28	74.00	150	400	Peak
2		7236.000	35.14	11.13	46.27	-27.73	74.00	150	400	Peak
3	*	9648.000	33.70	14.11	47.81	-26.19	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

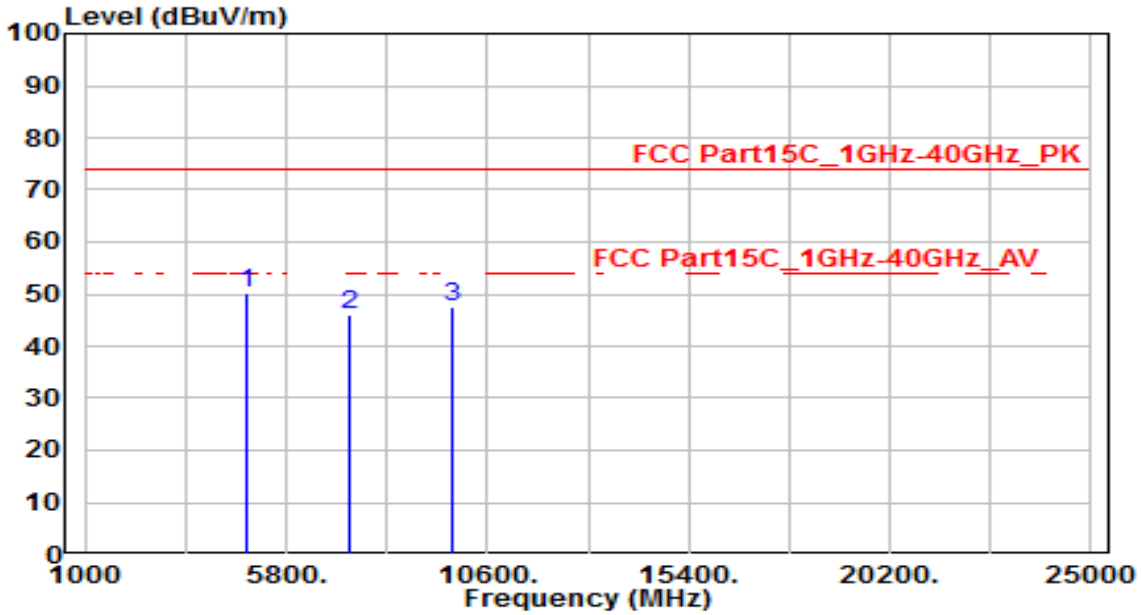


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	40.83	3.20	44.03	-29.97	74.00	150	400	Peak
2		7236.000	35.94	11.13	47.06	-26.94	74.00	150	400	Peak
3	*	9648.000	34.32	14.11	48.43	-25.57	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

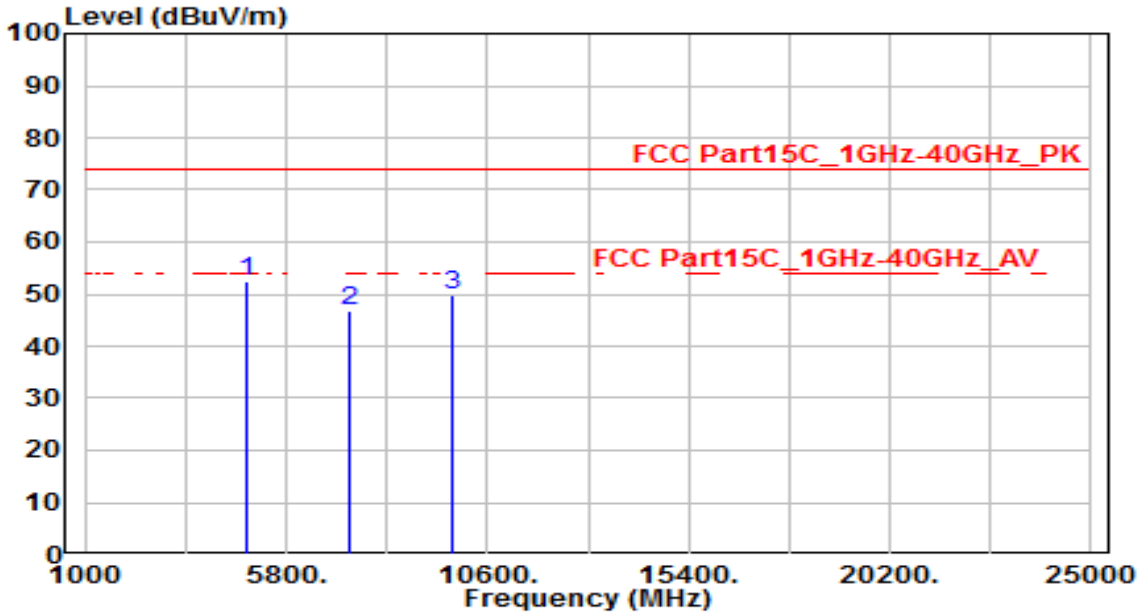


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4874.000	47.06	3.30	50.36	-23.64	74.00	150	400	Peak
2		7311.000	34.71	11.29	46.00	-28.00	74.00	150	400	Peak
3		9748.000	33.05	14.43	47.48	-26.52	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

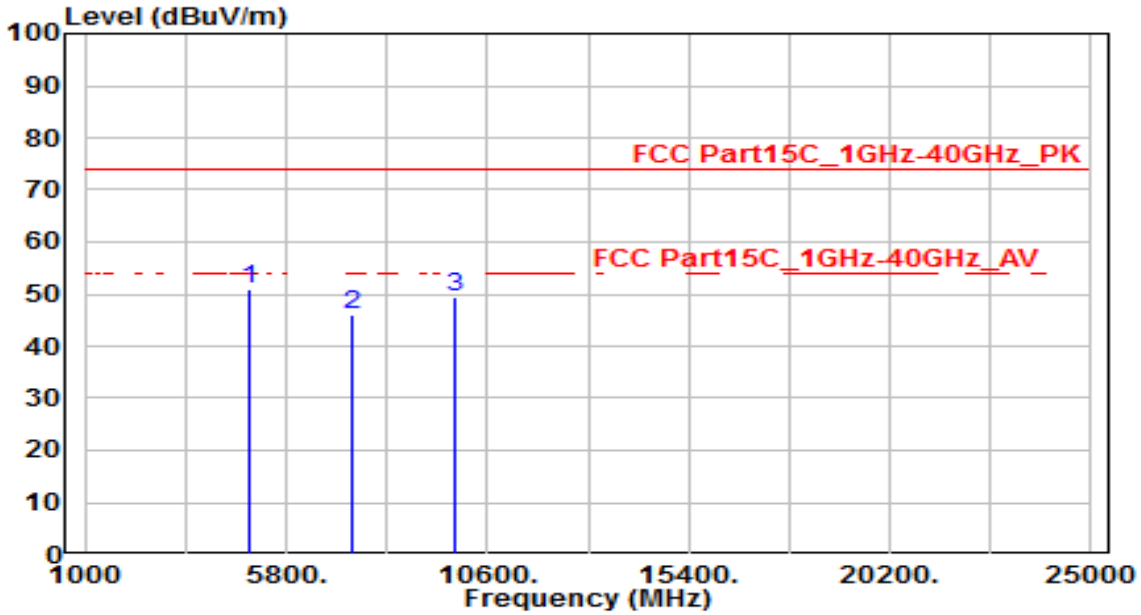


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4874.000	49.28	3.30	52.58	-21.42	74.00	150	400	Peak
2		7311.000	35.61	11.29	46.90	-27.10	74.00	150	400	Peak
3		9748.000	35.37	14.43	49.81	-24.19	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

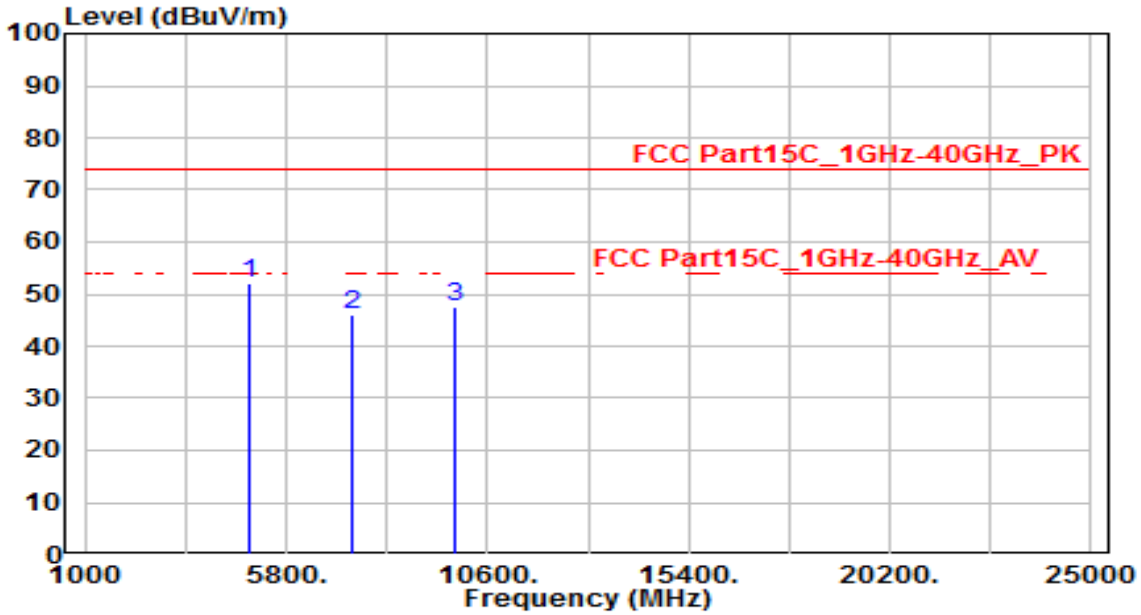


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4924.000	47.43	3.40	50.83	-23.17	74.00	150	400	Peak
2		7386.000	34.72	11.46	46.18	-27.82	74.00	150	400	Peak
3		9848.000	34.69	14.76	49.45	-24.55	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

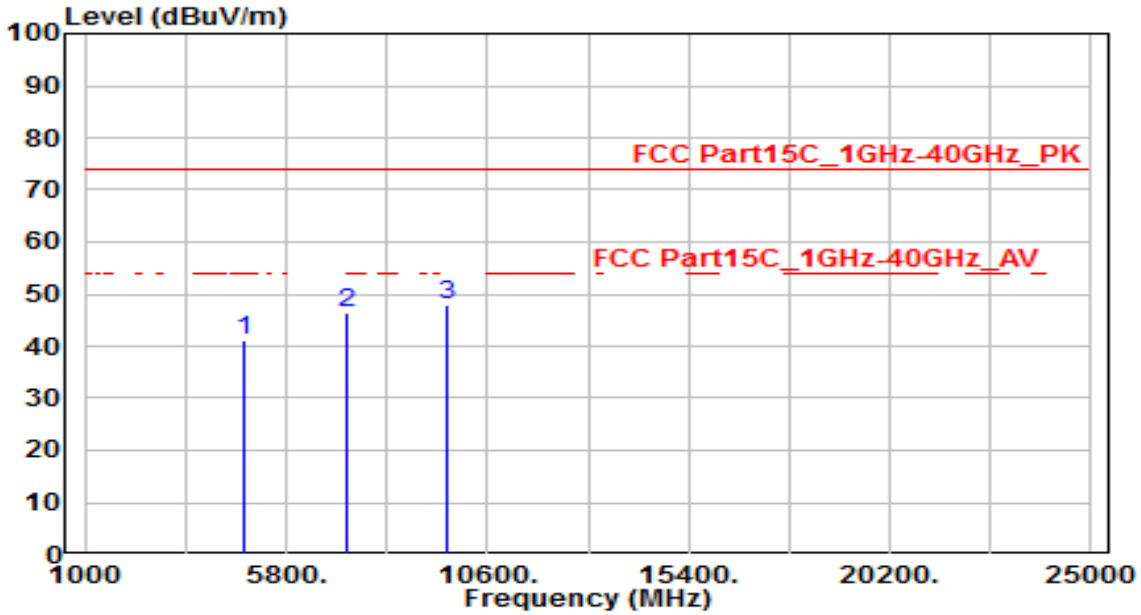


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4924.000	48.80	3.40	52.20	-21.80	74.00	150	400	Peak
2		7386.000	34.58	11.46	46.04	-27.96	74.00	150	400	Peak
3		9848.000	32.63	14.76	47.39	-26.61	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

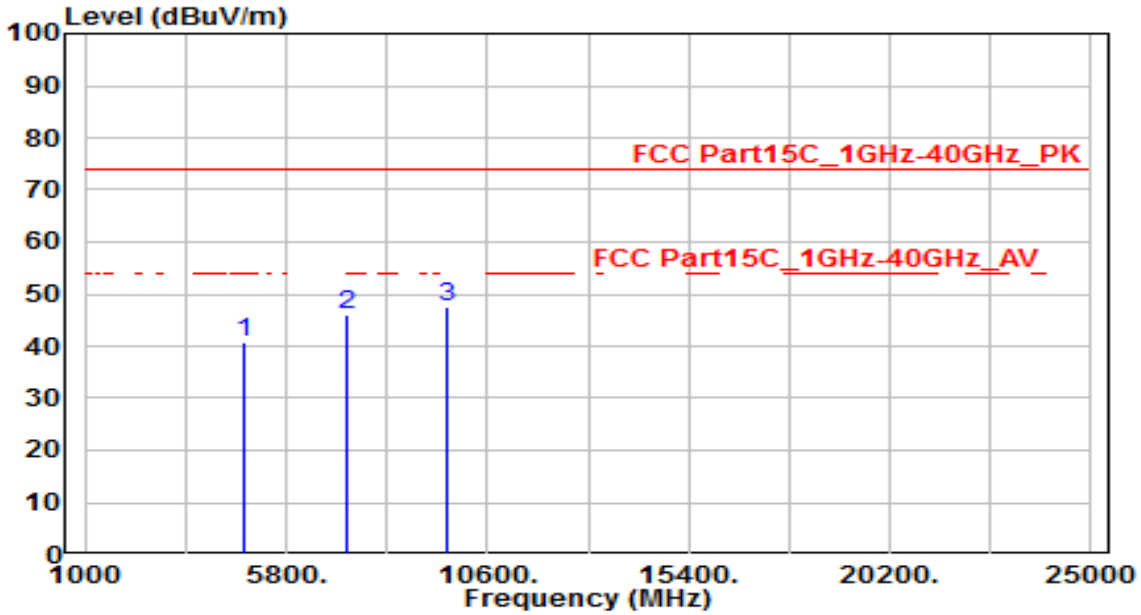


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	37.98	3.20	41.17	-32.83	74.00	150	400	Peak
2		7236.000	35.33	11.13	46.45	-27.55	74.00	150	400	Peak
3	*	9648.000	33.81	14.11	47.92	-26.08	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

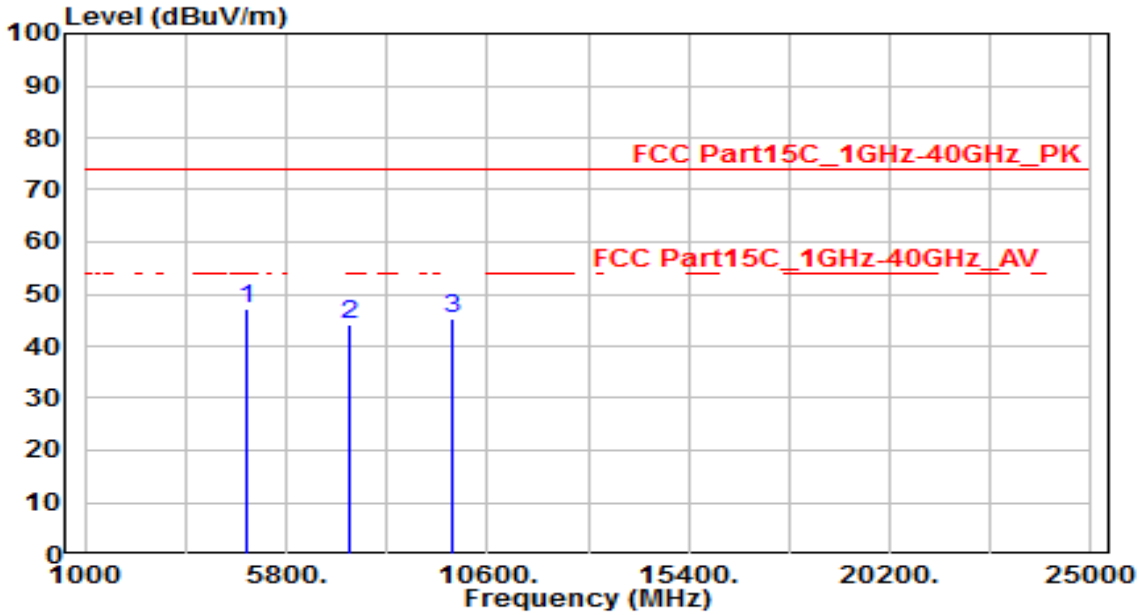


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	37.54	3.20	40.74	-33.26	74.00	150	400	Peak
2		7236.000	34.75	11.13	45.87	-28.13	74.00	150	400	Peak
3	*	9648.000	33.41	14.11	47.51	-26.49	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

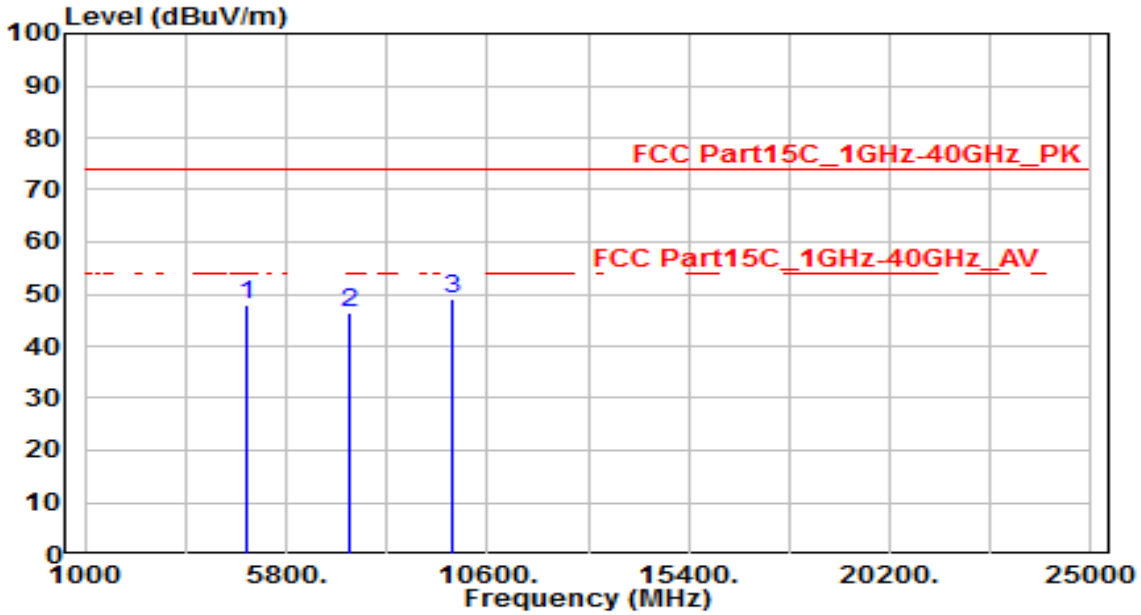


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4874.000	43.84	3.30	47.13	-26.87	74.00	150	400	Peak
2		7311.000	32.68	11.29	43.98	-30.02	74.00	150	400	Peak
3		9748.000	31.03	14.43	45.46	-28.54	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

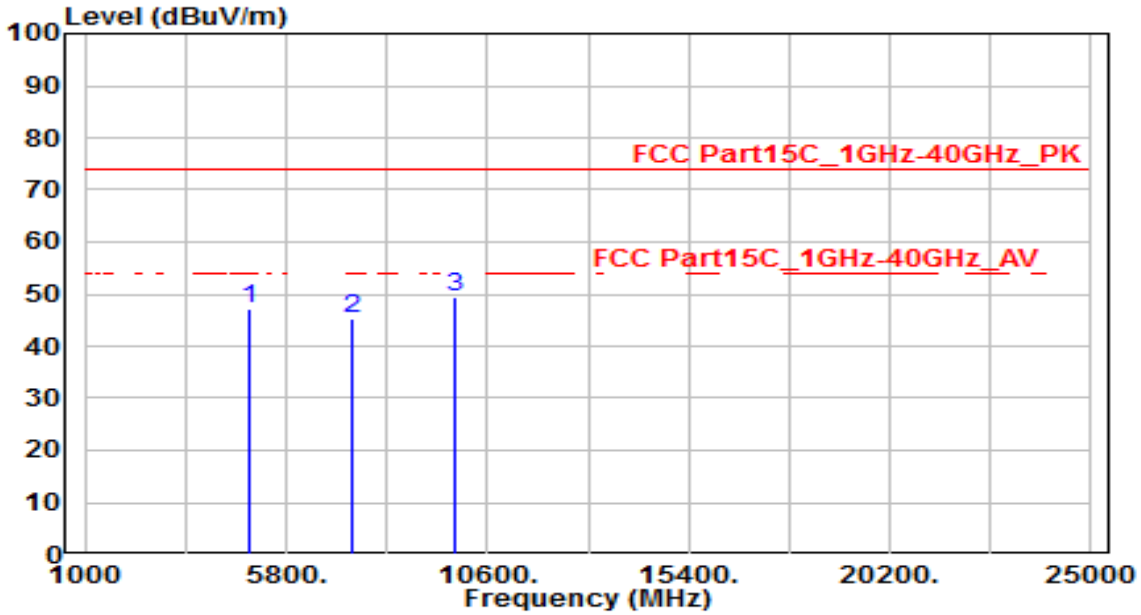


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	44.51	3.30	47.80	-26.20	74.00	150	400	Peak
2		7311.000	34.96	11.29	46.25	-27.75	74.00	150	400	Peak
3	*	9748.000	34.66	14.43	49.09	-24.91	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

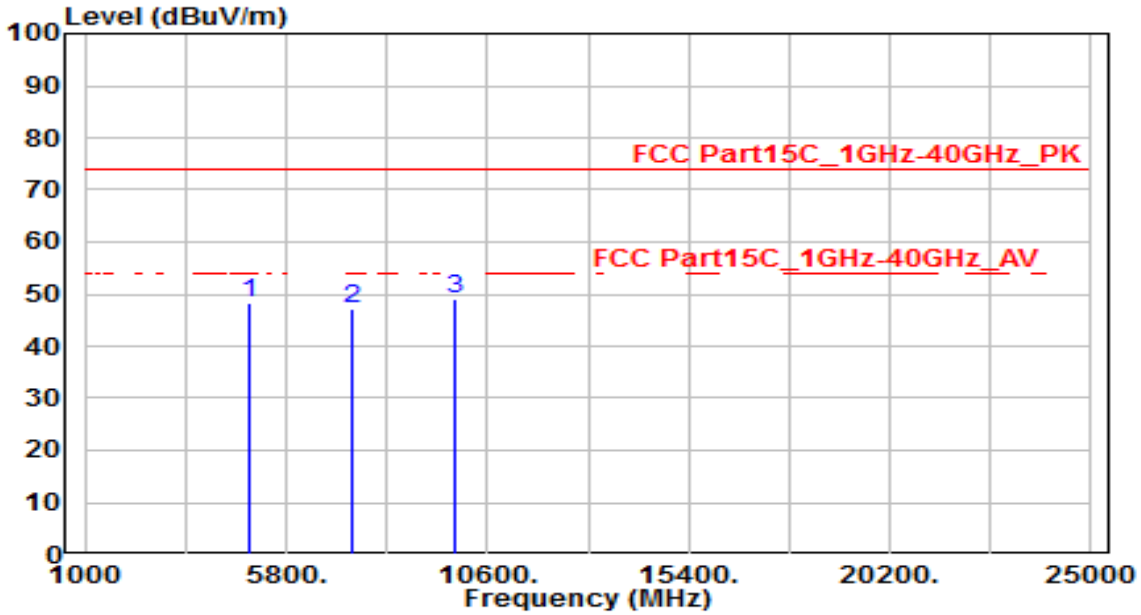


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	43.88	3.40	47.28	-26.72	74.00	150	400	Peak
2		7386.000	33.72	11.46	45.18	-28.82	74.00	150	400	Peak
3	*	9848.000	34.57	14.76	49.33	-24.67	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

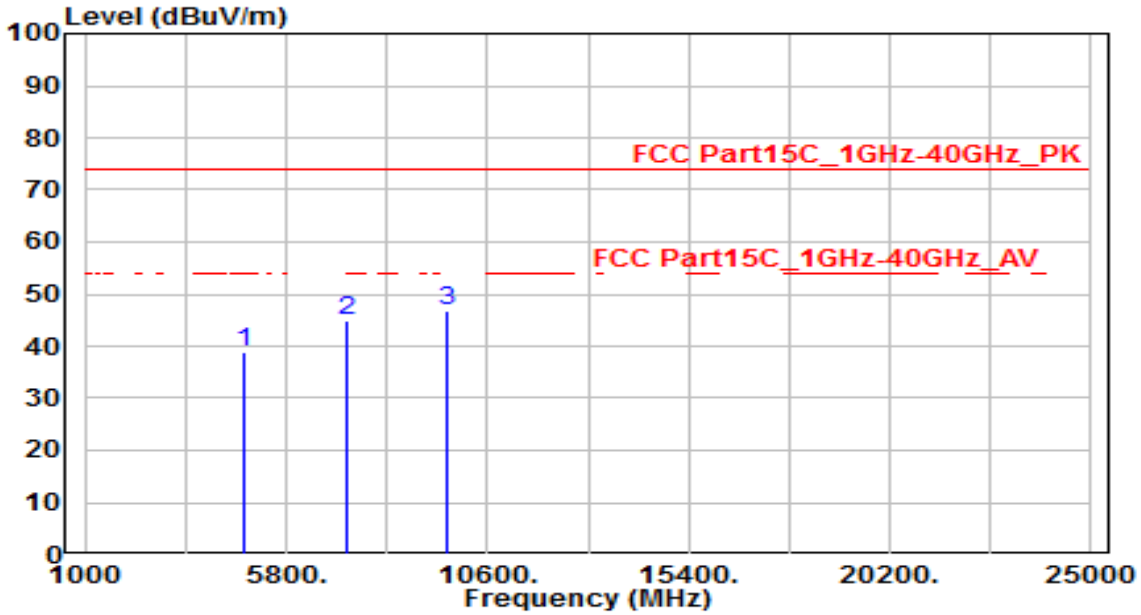


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	44.98	3.40	48.38	-25.62	74.00	150	400	Peak
2		7386.000	35.56	11.46	47.02	-26.98	74.00	150	400	Peak
3	*	9848.000	34.21	14.76	48.97	-25.03	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

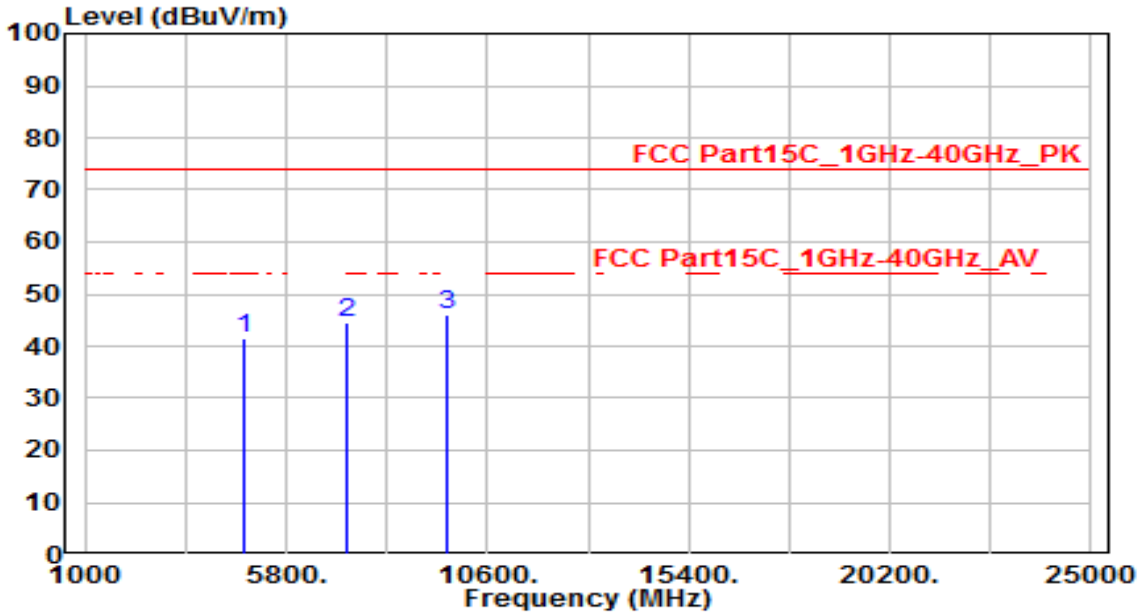


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	35.68	3.20	38.88	-35.12	74.00	150	400	Peak
2		7236.000	33.69	11.13	44.82	-29.18	74.00	150	400	Peak
3	*	9648.000	32.52	14.11	46.63	-27.37	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

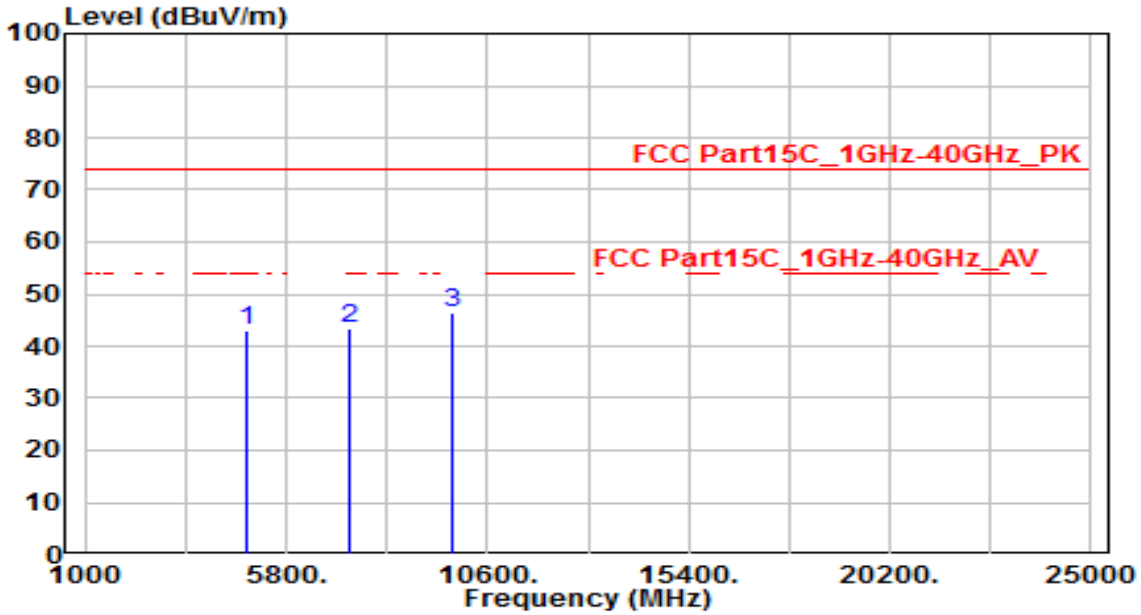


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4824.000	38.35	3.20	41.54	-32.46	74.00	150	400	Peak
2		7236.000	33.52	11.13	44.65	-29.35	74.00	150	400	Peak
3	*	9648.000	31.75	14.11	45.85	-28.15	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

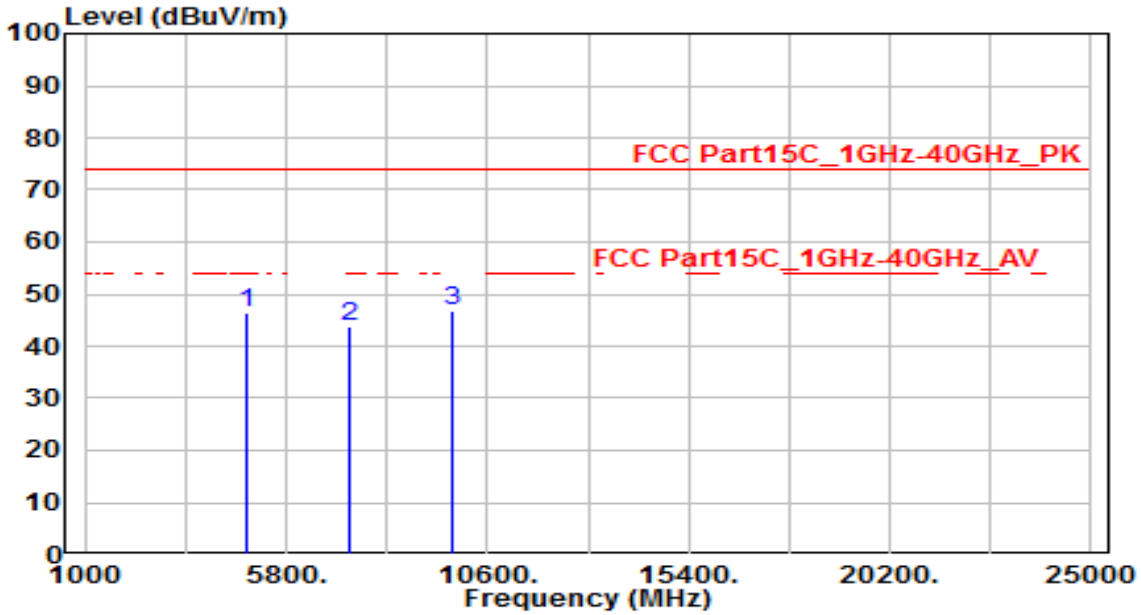


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	39.58	3.30	42.88	-31.12	74.00	150	400	Peak
2		7311.000	32.13	11.29	43.42	-30.58	74.00	150	400	Peak
3	*	9748.000	31.85	14.43	46.28	-27.72	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

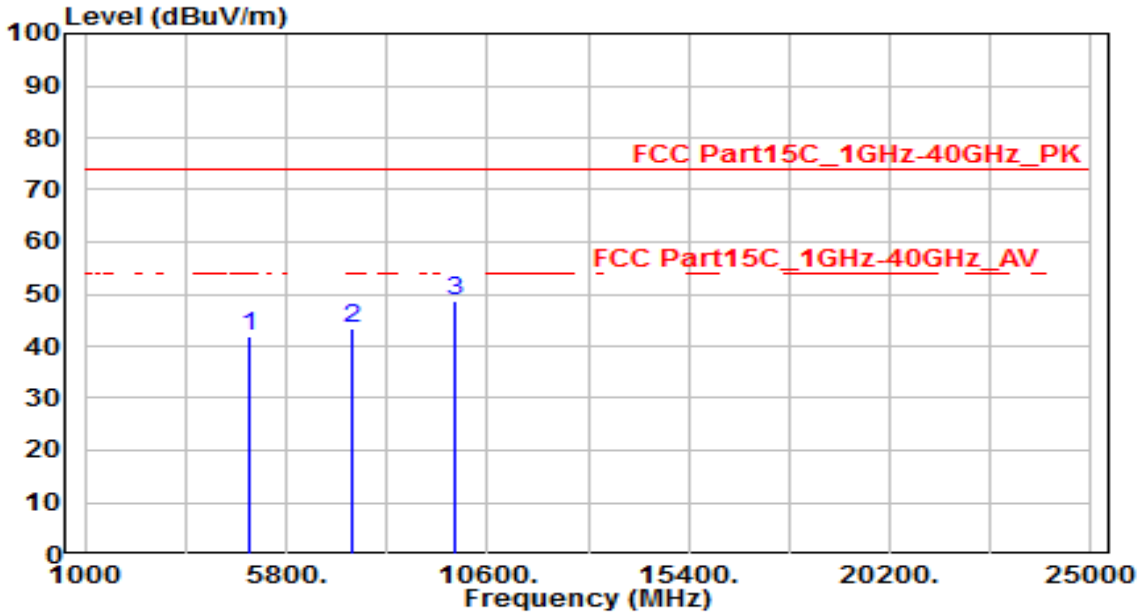


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	43.07	3.30	46.37	-27.63	74.00	150	400	Peak
2		7311.000	32.37	11.29	43.67	-30.33	74.00	150	400	Peak
3	*	9748.000	32.43	14.43	46.86	-27.14	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

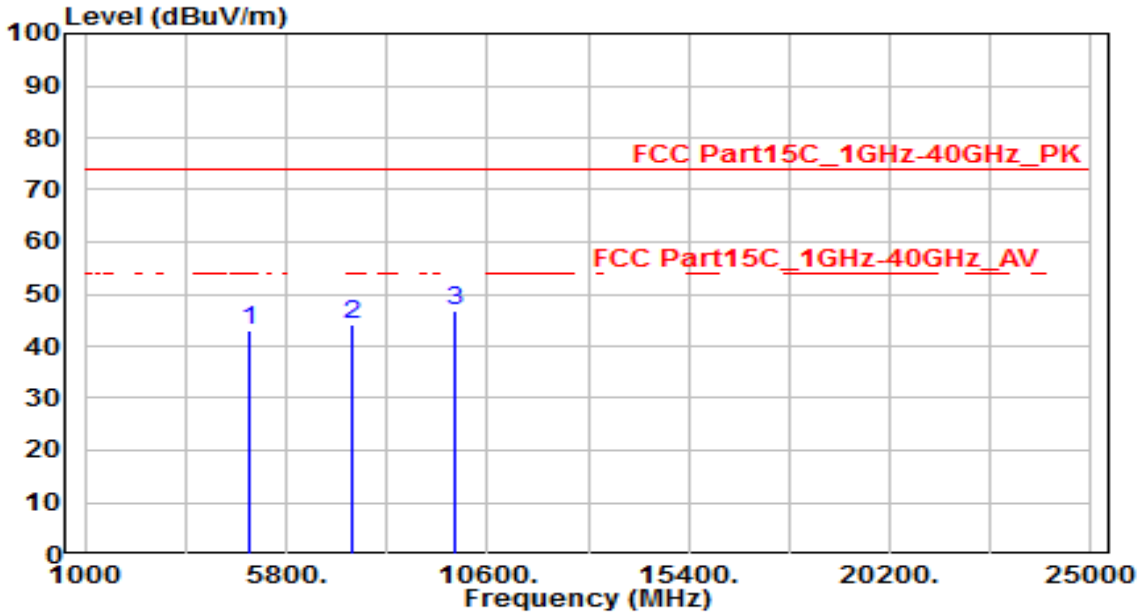


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	38.50	3.40	41.90	-32.10	74.00	150	400	Peak
2		7386.000	31.99	11.46	43.45	-30.55	74.00	150	400	Peak
3	*	9848.000	33.86	14.76	48.62	-25.38	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

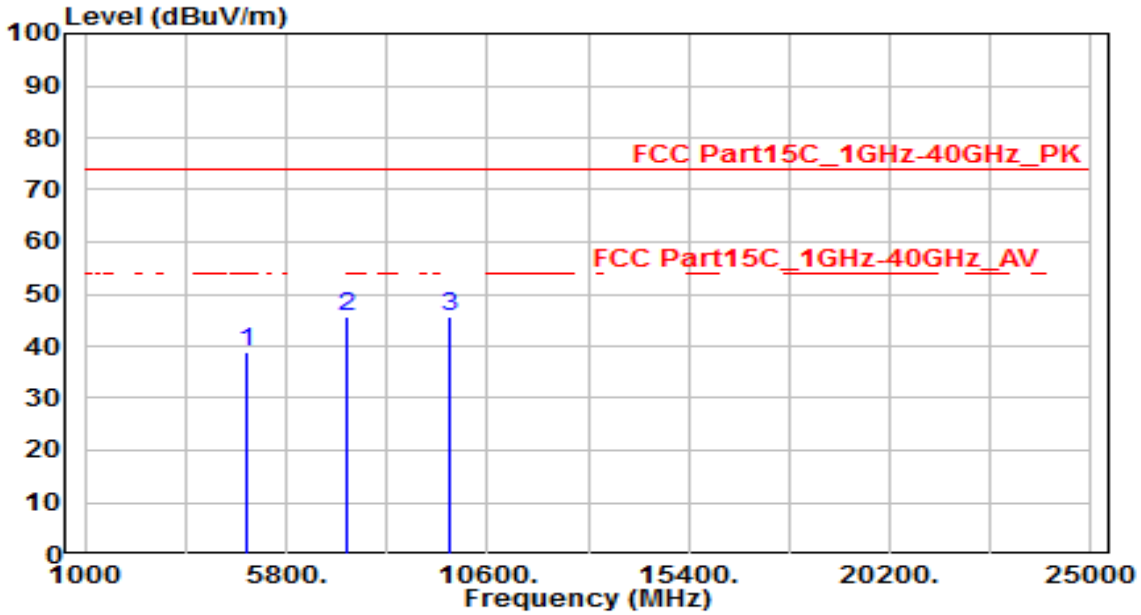


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4924.000	39.47	3.40	42.87	-31.13	74.00	150	400	Peak
2		7386.000	32.60	11.46	44.07	-29.93	74.00	150	400	Peak
3	*	9848.000	32.18	14.76	46.94	-27.06	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

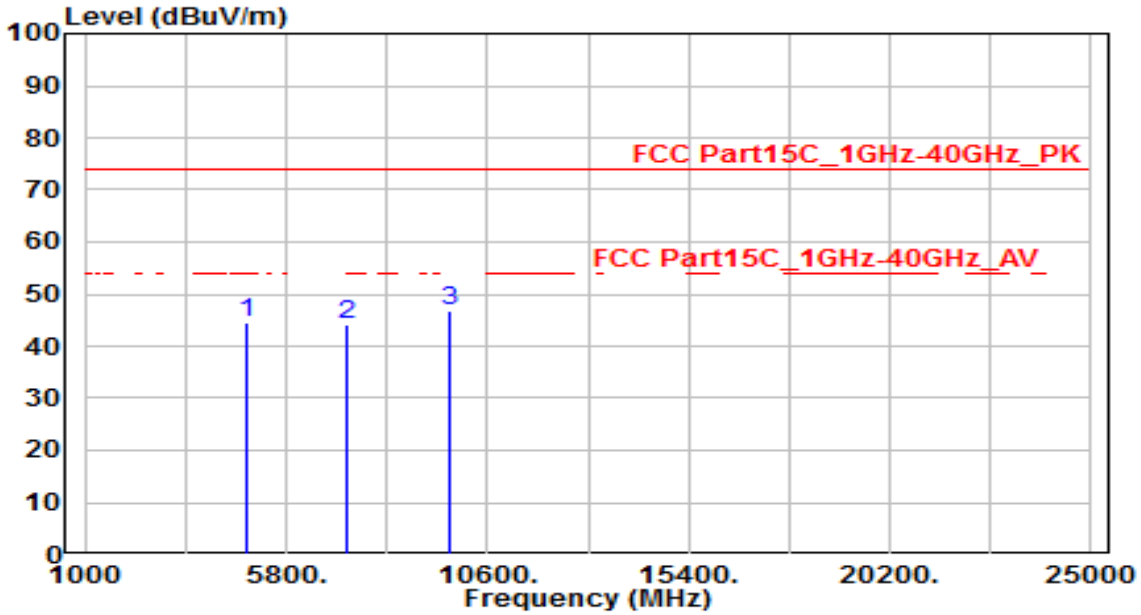


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	35.57	3.24	38.81	-35.19	74.00	150	400	Peak
2		7266.000	34.32	11.19	45.52	-28.48	74.00	150	400	Peak
3	*	9688.000	31.51	14.24	45.74	-28.26	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

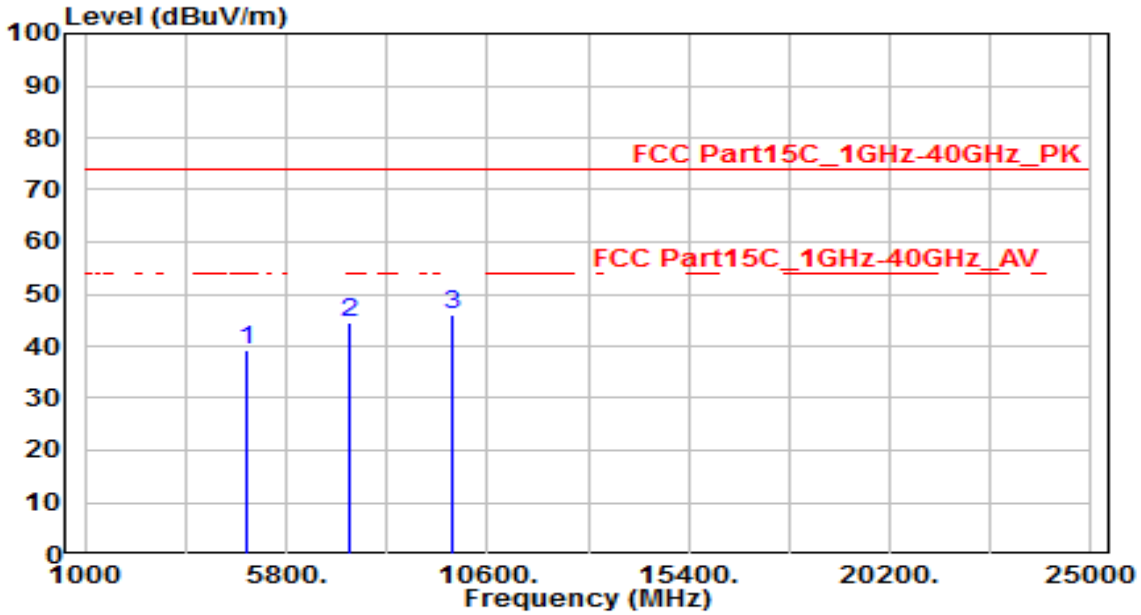


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4844.000	41.33	3.24	44.57	-29.43	74.00	150	400	Peak
2		7266.000	33.09	11.19	44.28	-29.72	74.00	150	400	Peak
3	*	9688.000	32.46	14.24	46.70	-27.30	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

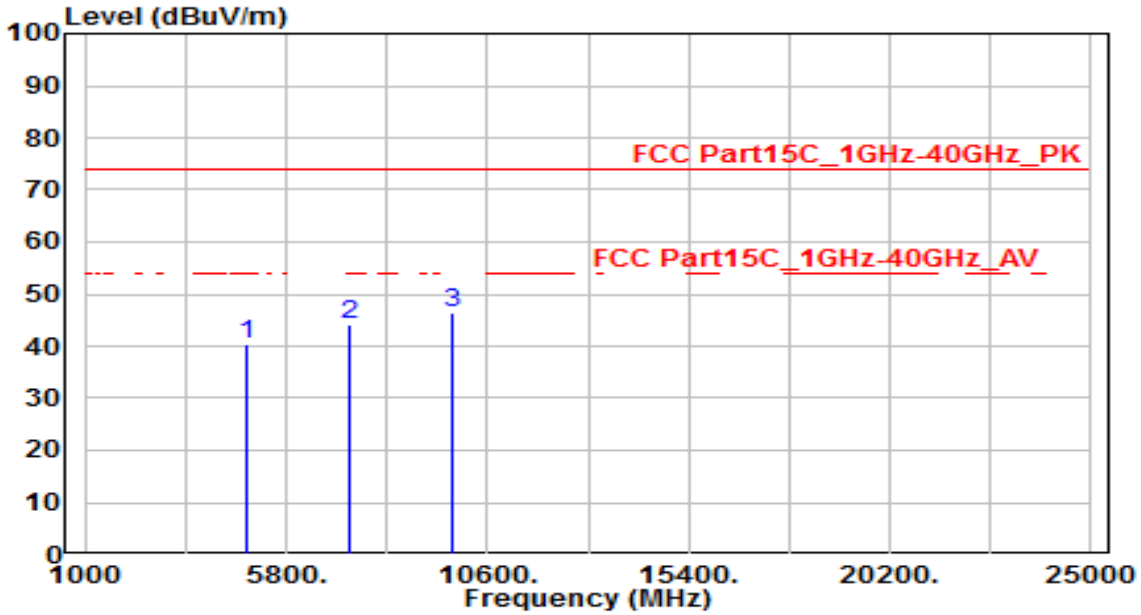


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	35.95	3.30	39.25	-34.75	74.00	150	400	Peak
2		7311.000	33.32	11.29	44.61	-29.39	74.00	150	400	Peak
3	*	9748.000	31.43	14.43	45.86	-28.14	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

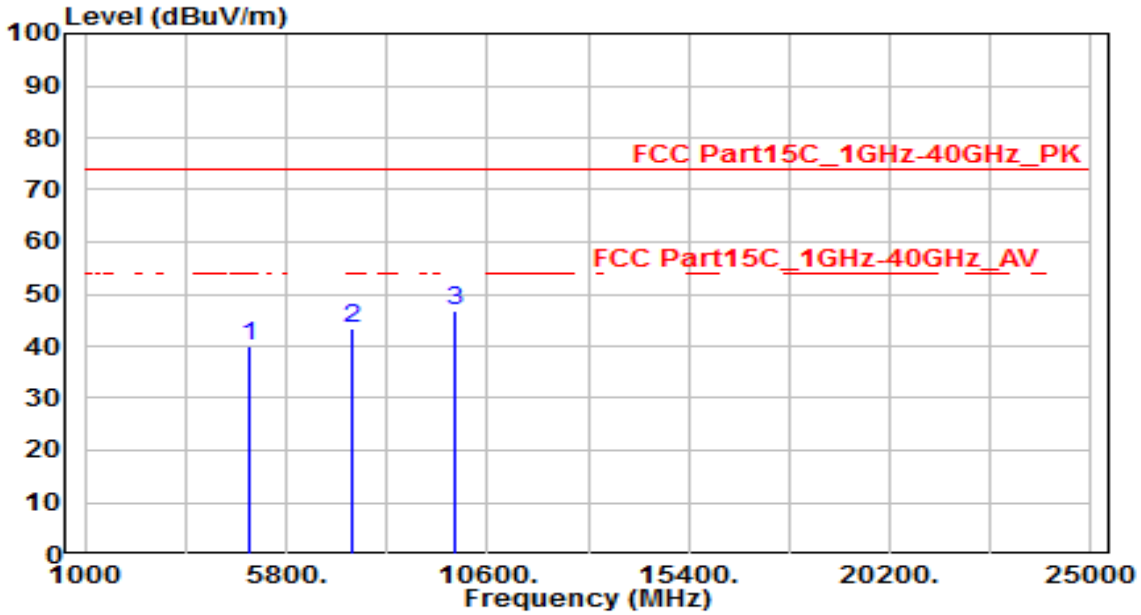


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4874.000	37.27	3.30	40.56	-33.44	74.00	150	400	Peak
2		7311.000	32.83	11.29	44.13	-29.87	74.00	150	400	Peak
3	*	9748.000	31.85	14.43	46.29	-27.71	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

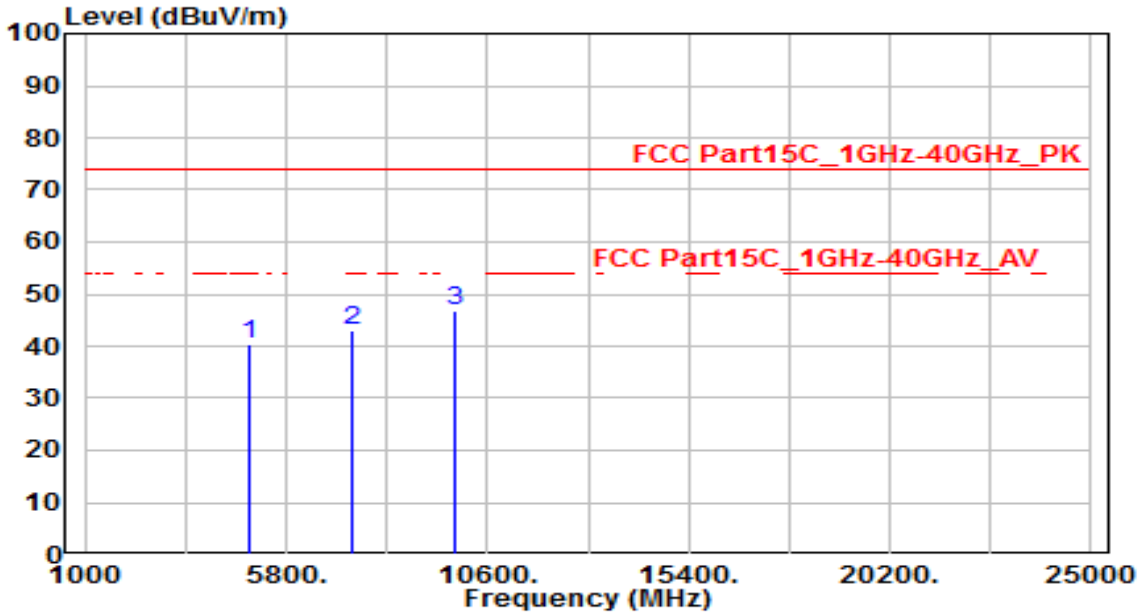


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.000	36.48	3.36	39.84	-34.16	74.00	150	400	Peak
2		7356.000	31.92	11.39	43.32	-30.68	74.00	150	400	Peak
3	*	9808.000	32.32	14.63	46.95	-27.05	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

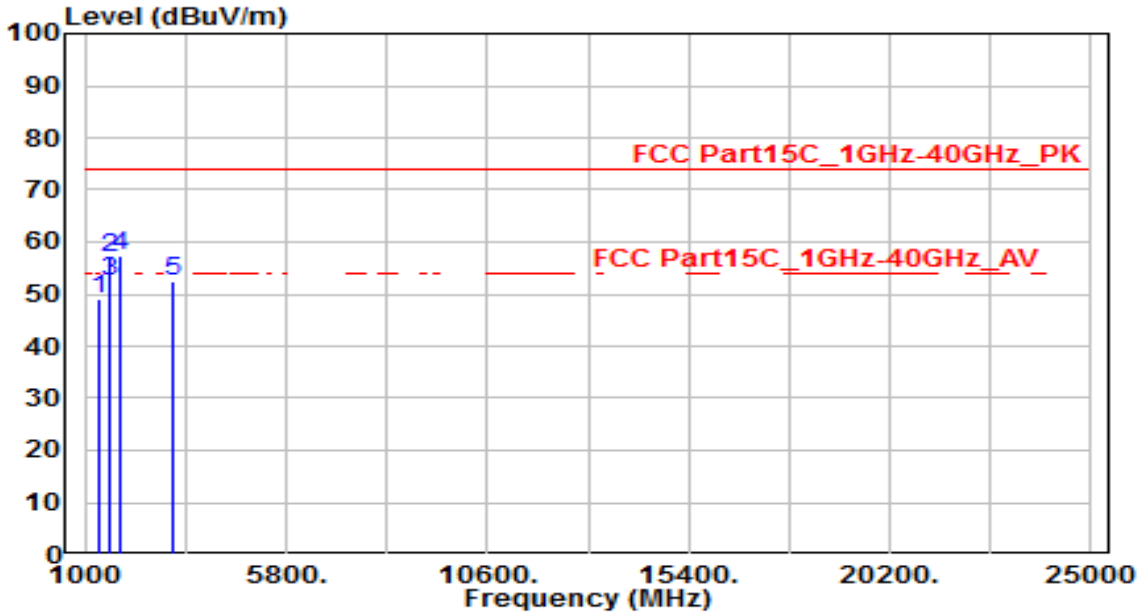


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		4904.156	37.08	3.36	40.44	-33.56	74.00	150	400	Peak
2		7356.000	31.79	11.39	43.18	-30.82	74.00	150	400	Peak
3	*	9808.000	32.33	14.63	46.96	-27.04	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

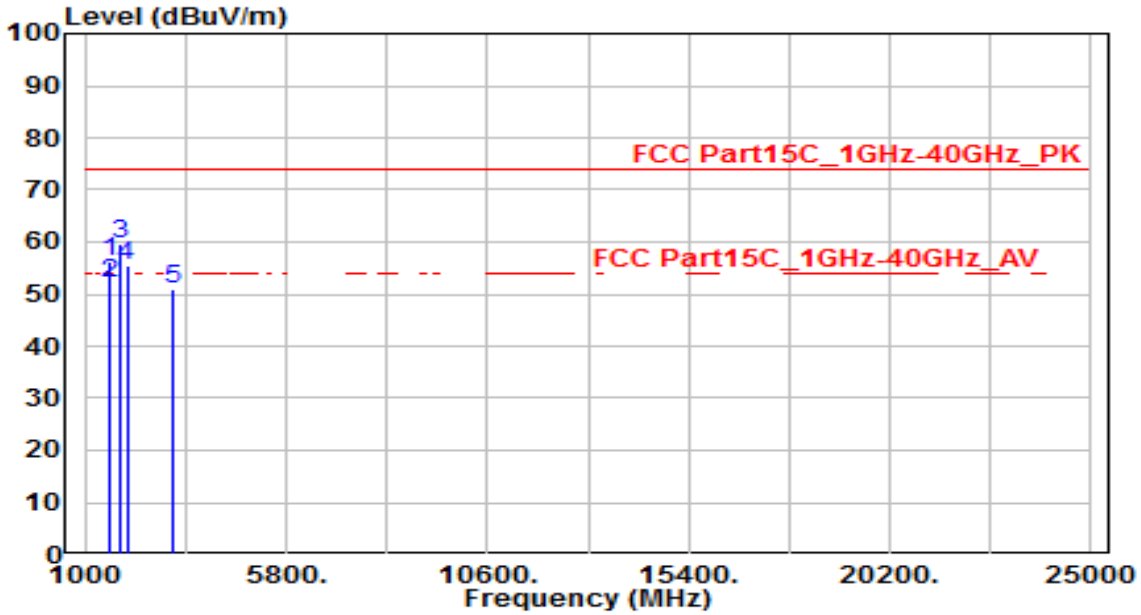


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		1313.438	55.41	-6.37	49.04	-24.96	74.00	150	400	Peak
2	*	1599.781	62.31	-5.49	56.82	-17.18	74.00	100	245	Peak
3	*	1599.781	57.76	-5.49	52.27	-1.73	54.00	100	245	Average
4		1849.469	62.36	-4.88	57.48	-16.52	74.00	150	400	Peak
5		3112.781	54.85	-2.55	52.30	-21.70	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.781	61.56	-5.49	56.07	-17.93	74.00	185	260	Peak
2	*	1599.781	57.68	-5.49	52.19	-1.81	54.00	185	260	Average
3		1851.594	64.49	-4.88	59.61	-14.39	74.00	150	400	Peak
4		1999.281	60.12	-4.52	55.59	-18.41	74.00	150	400	Peak
5		3128.188	53.46	-2.50	50.96	-23.04	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 – 30	30	30
30 – 88	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

ANSI C63.10-2013 - Section 11.13

7.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3 * RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

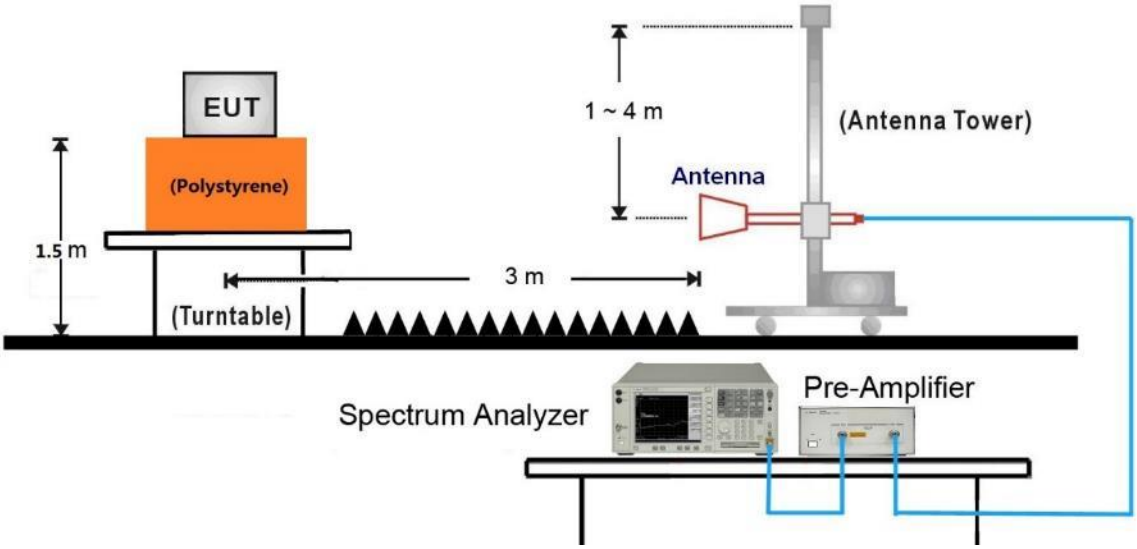
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

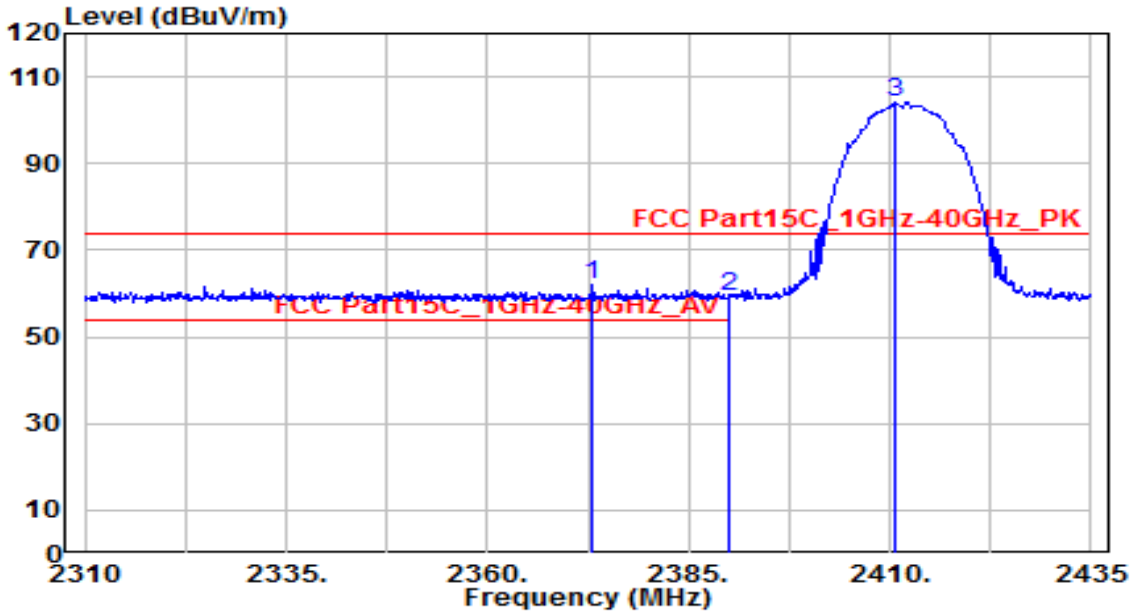
7.7.4. Test Setup

1GHz ~ 18GHz Test Setup:



7.7.5. Test Result

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

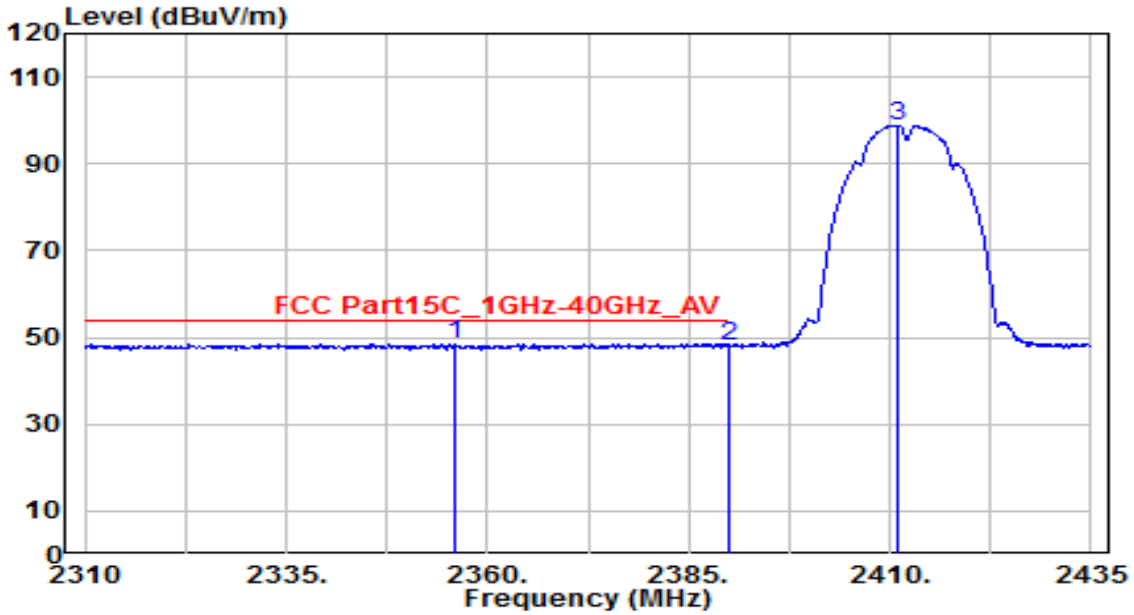


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2373.000	29.87	32.20	62.07	-11.93	74.00	150	225	Peak
2		2390.000	27.24	32.27	59.52	-14.48	74.00	150	225	Peak
3		2410.750	71.89	32.37	104.26	N/A	N/A	150	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

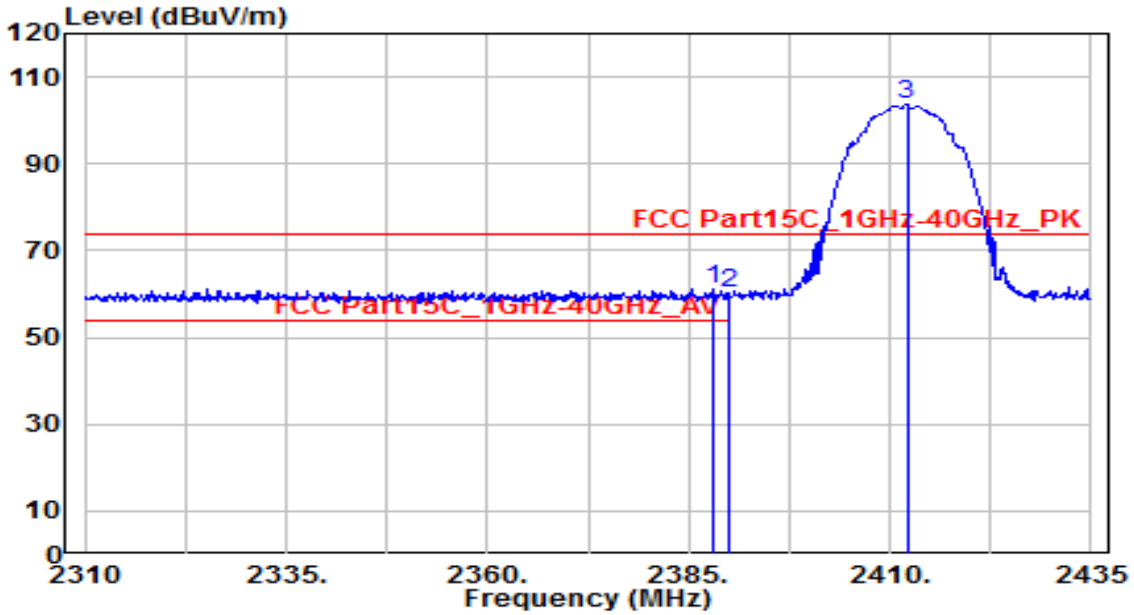


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2355.875	16.49	32.12	48.60	-5.40	54.00	150	225	Average
2		2390.000	15.94	32.27	48.21	-5.79	54.00	150	225	Average
3		2411.000	66.42	32.37	98.80	N/A	N/A	150	225	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

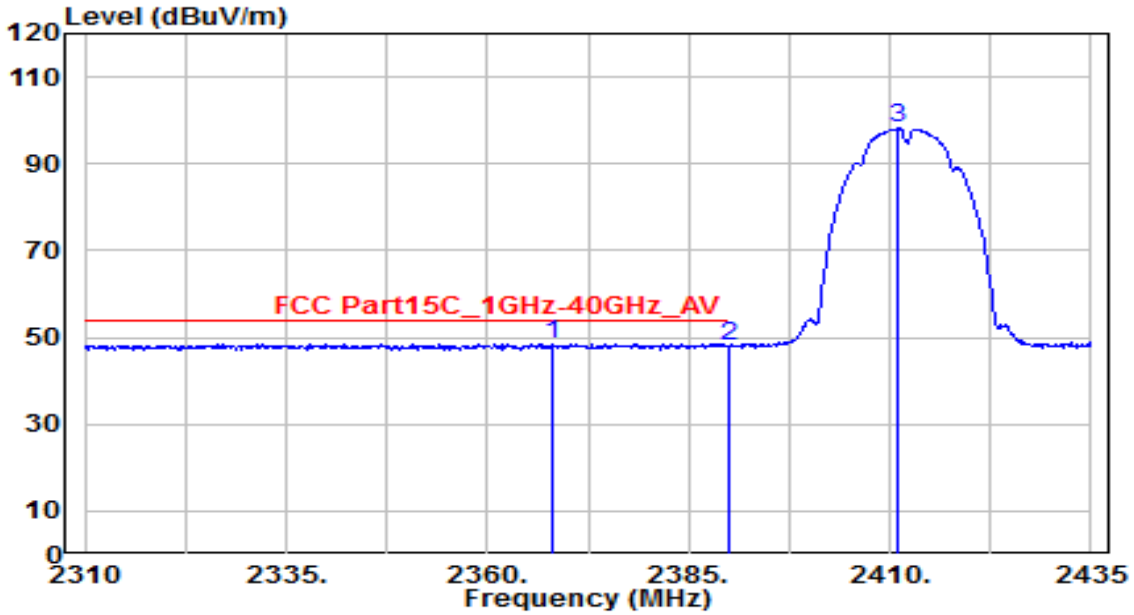


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.125	29.09	32.27	61.36	-12.64	74.00	240	230	Peak
2		2390.000	27.94	32.27	60.21	-13.79	74.00	240	230	Peak
3		2412.125	71.31	32.38	103.69	N/A	N/A	240	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

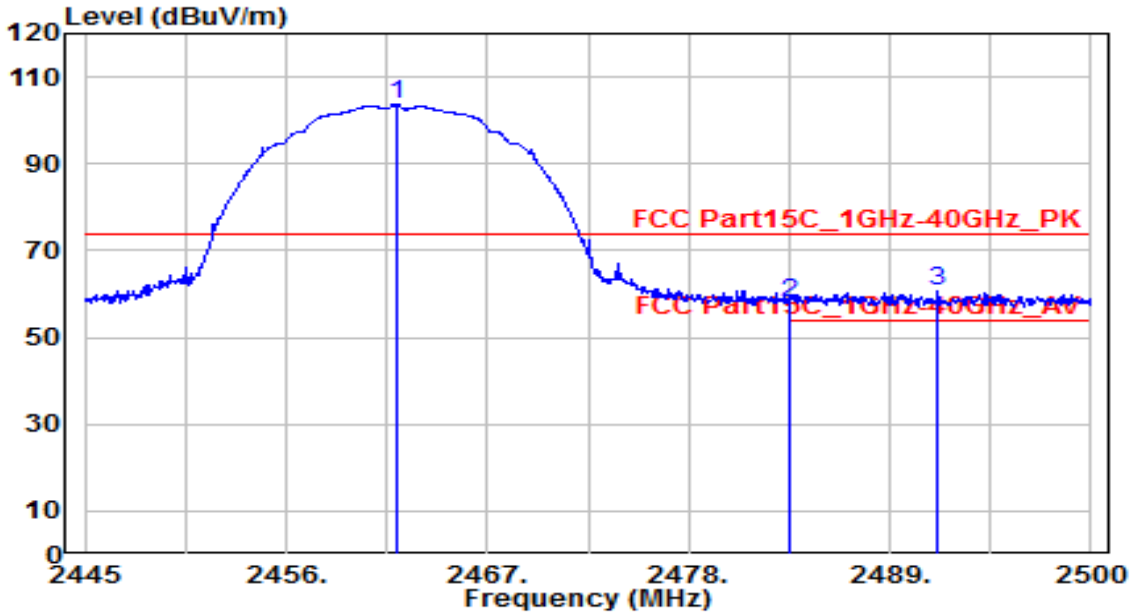


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2368.125	16.47	32.17	48.64	-5.36	54.00	240	230	Average
2		2390.000	15.70	32.27	47.97	-6.03	54.00	240	230	Average
3		2411.125	65.84	32.37	98.21	N/A	N/A	240	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

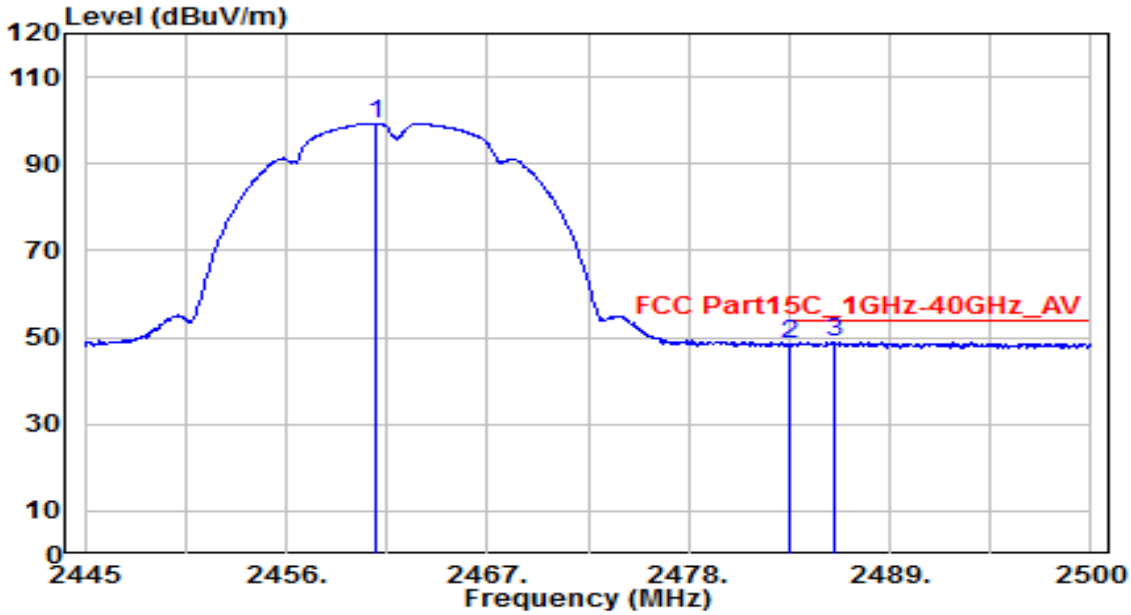


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.050	71.01	32.61	103.62	N/A	N/A	200	230	Peak
2		2483.500	25.45	32.70	58.16	-15.84	74.00	200	230	Peak
3	*	2491.585	27.95	32.74	60.70	-13.30	74.00	200	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

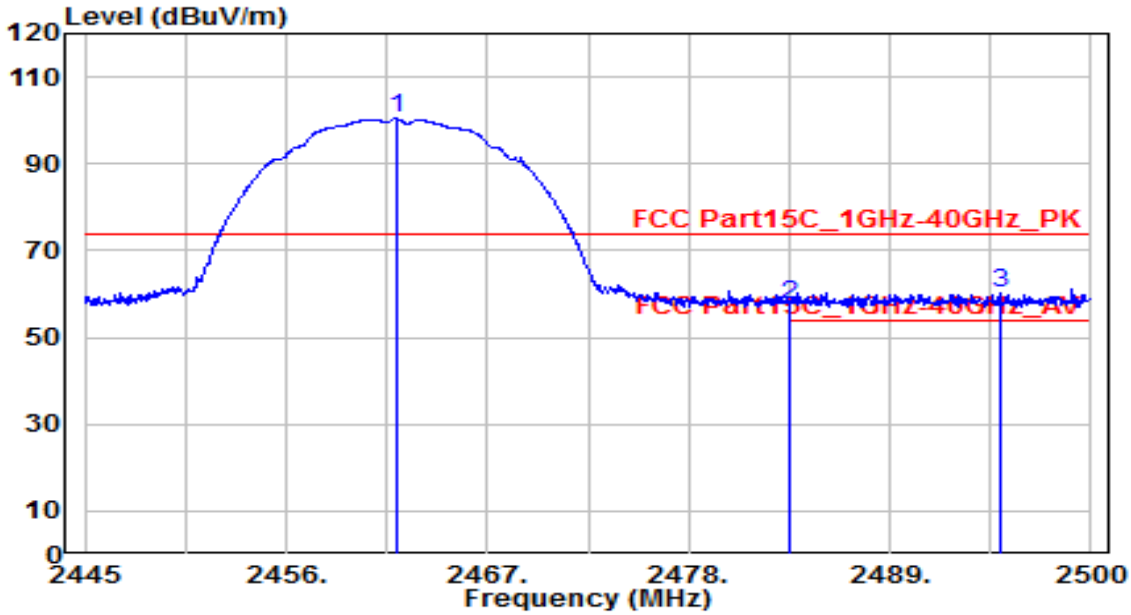


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.895	66.76	32.60	99.36	N/A	N/A	200	230	Average
2		2483.500	15.68	32.70	48.38	-5.62	54.00	200	230	Average
3	*	2485.920	16.28	32.72	49.00	-5.00	54.00	200	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

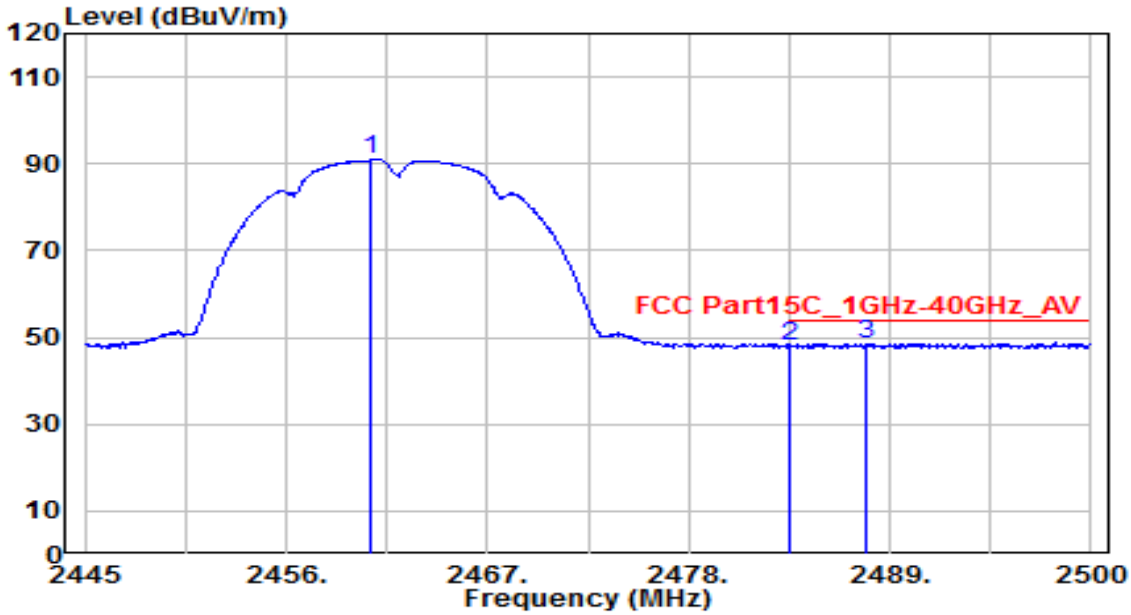


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.050	67.98	32.61	100.58	N/A	N/A	190	120	Peak
2		2483.500	24.98	32.70	57.68	-16.32	74.00	190	120	Peak
3	*	2494.995	27.42	32.76	60.18	-13.82	74.00	190	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

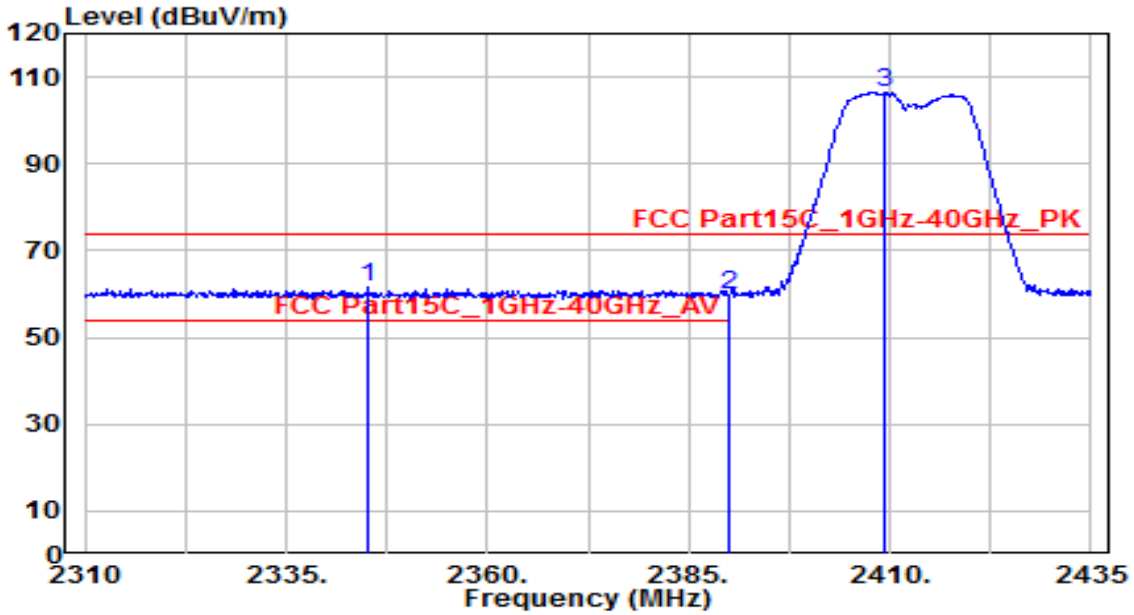


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.675	58.48	32.60	91.07	N/A	N/A	190	120	Average
2		2483.500	15.40	32.70	48.10	-5.90	54.00	190	120	Average
3	*	2487.735	15.83	32.72	48.56	-5.44	54.00	190	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

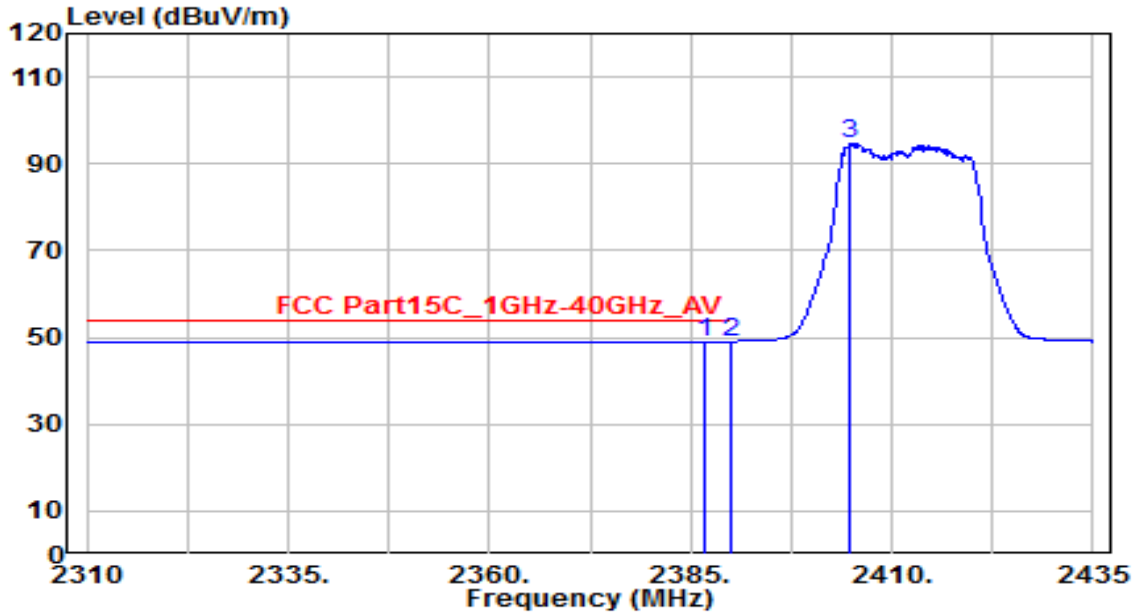


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2345.125	29.33	32.07	61.40	-12.60	74.00	150	225	Peak
2		2390.000	27.64	32.27	59.91	-14.09	74.00	150	225	Peak
3		2409.500	73.98	32.36	106.34	N/A	N/A	150	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

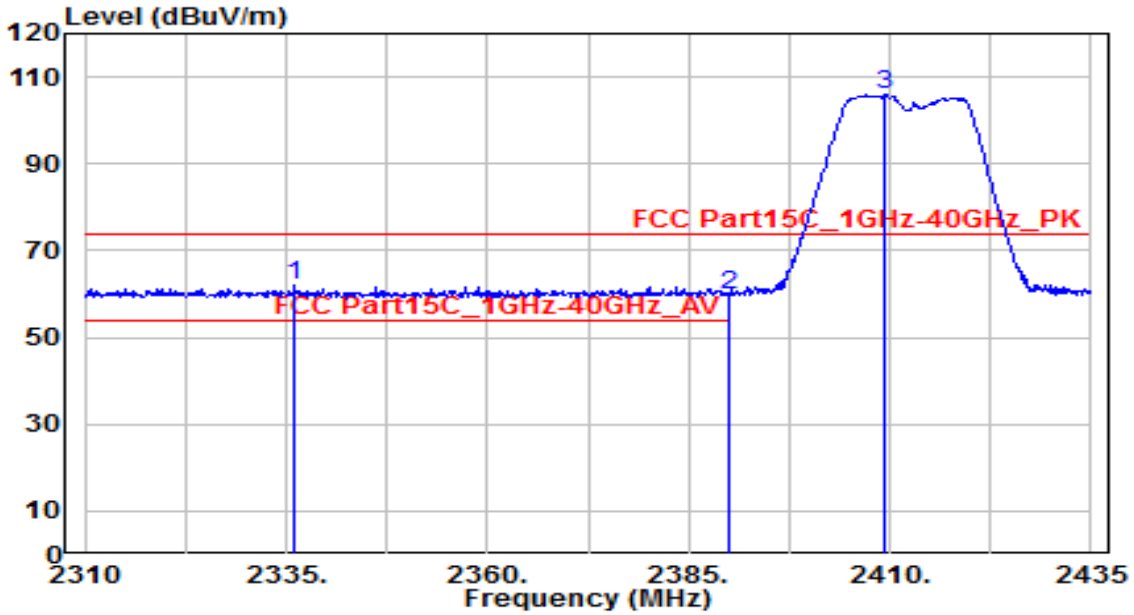


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2386.875	16.76	32.26	49.02	-4.98	54.00	150	225	Average
2	*	2390.000	16.76	32.27	49.04	-4.96	54.00	150	225	Average
3		2404.750	62.39	32.34	94.74	N/A	N/A	150	225	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

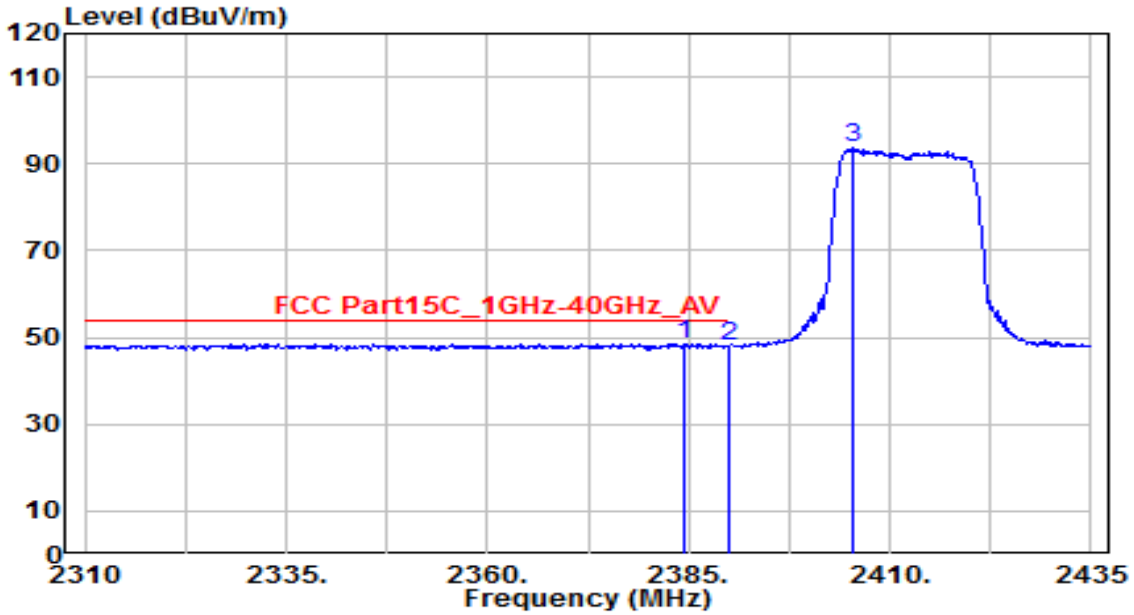


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2336.125	29.95	32.03	61.97	-12.03	74.00	240	230	Peak
2		2390.000	27.53	32.27	59.81	-14.19	74.00	240	230	Peak
3		2409.500	73.57	32.36	105.94	N/A	N/A	240	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

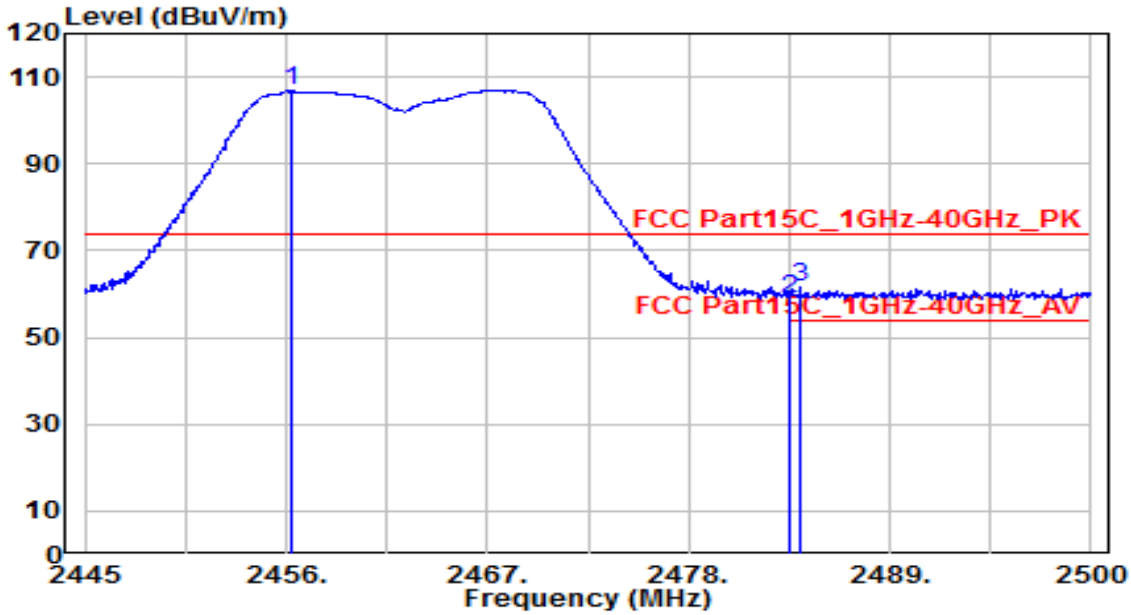


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2384.375	16.28	32.25	48.52	-5.48	54.00	240	230	Average
2		2390.000	15.92	32.27	48.19	-5.81	54.00	240	230	Average
3		2405.375	61.27	32.34	93.62	N/A	N/A	240	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

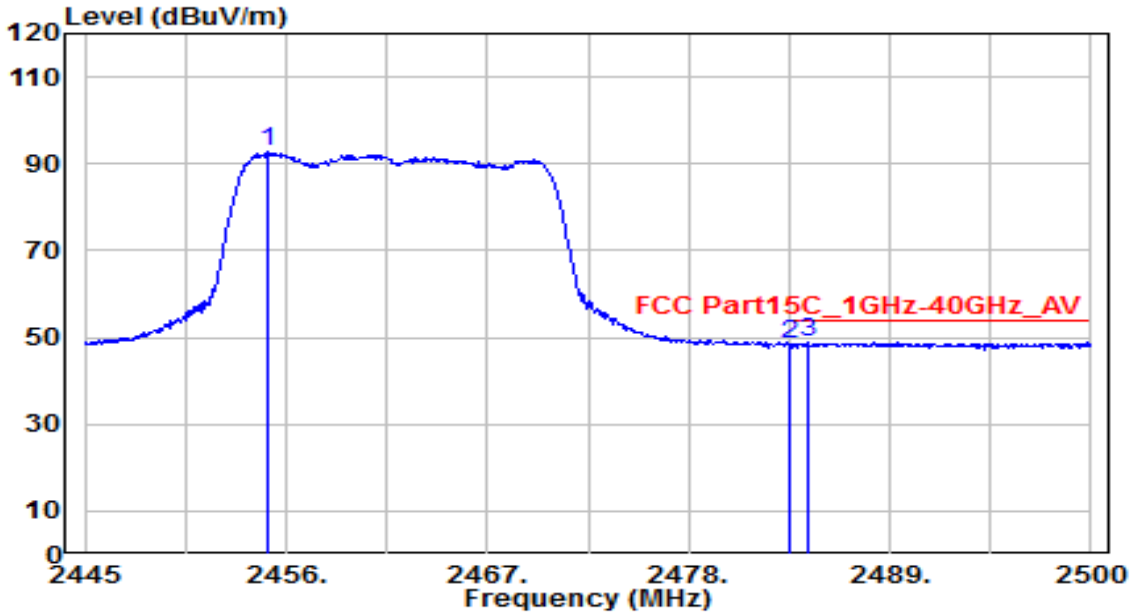


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.275	74.48	32.58	107.06	N/A	N/A	200	230	Peak
2		2483.500	26.26	32.70	58.96	-15.04	74.00	200	230	Peak
3	*	2484.105	28.99	32.71	61.70	-12.30	74.00	200	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

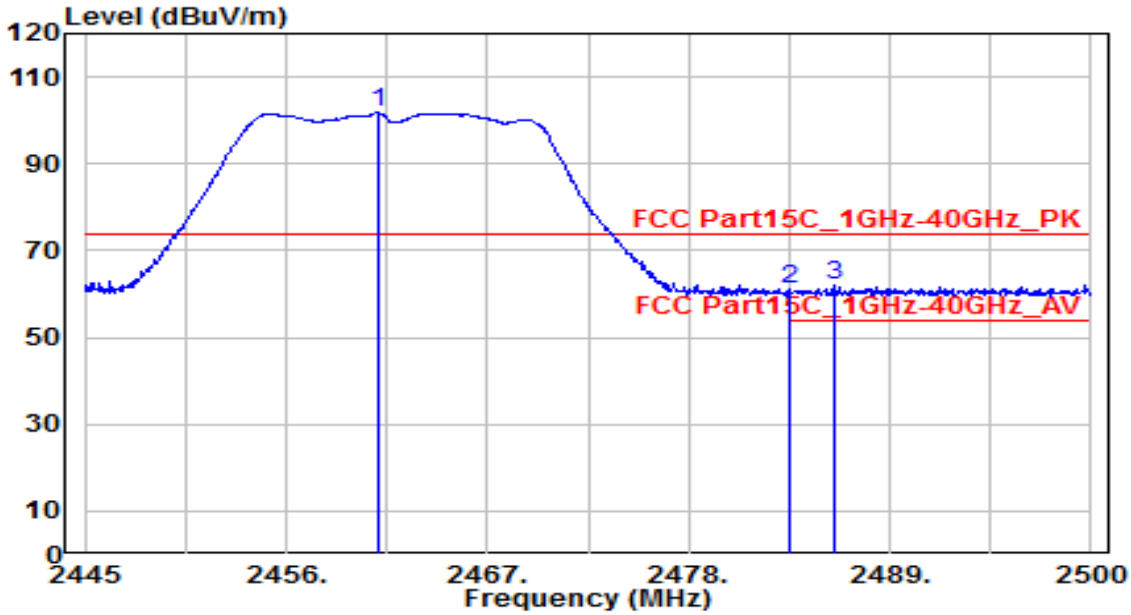


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.010	60.04	32.57	92.61	N/A	N/A	200	230	Average
2		2483.500	15.88	32.70	48.59	-5.41	54.00	200	230	Average
3	*	2484.490	16.02	32.71	48.73	-5.27	54.00	200	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

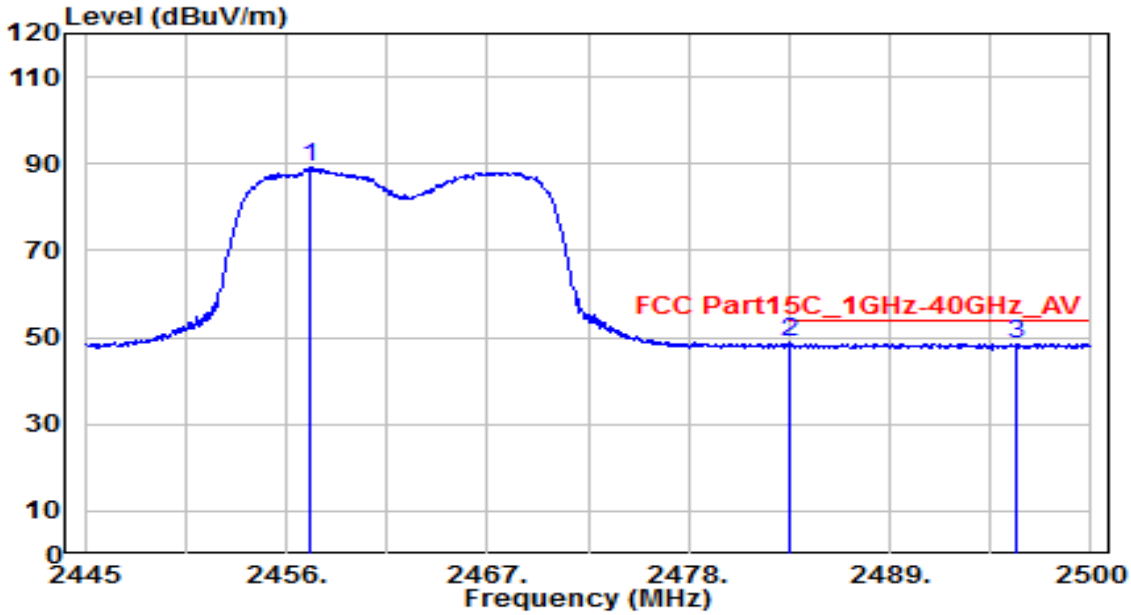


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.005	69.21	32.60	101.81	N/A	N/A	190	120	Peak
2		2483.500	28.46	32.70	61.16	-12.84	74.00	190	120	Peak
3	*	2485.920	29.19	32.72	61.90	-12.10	74.00	190	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

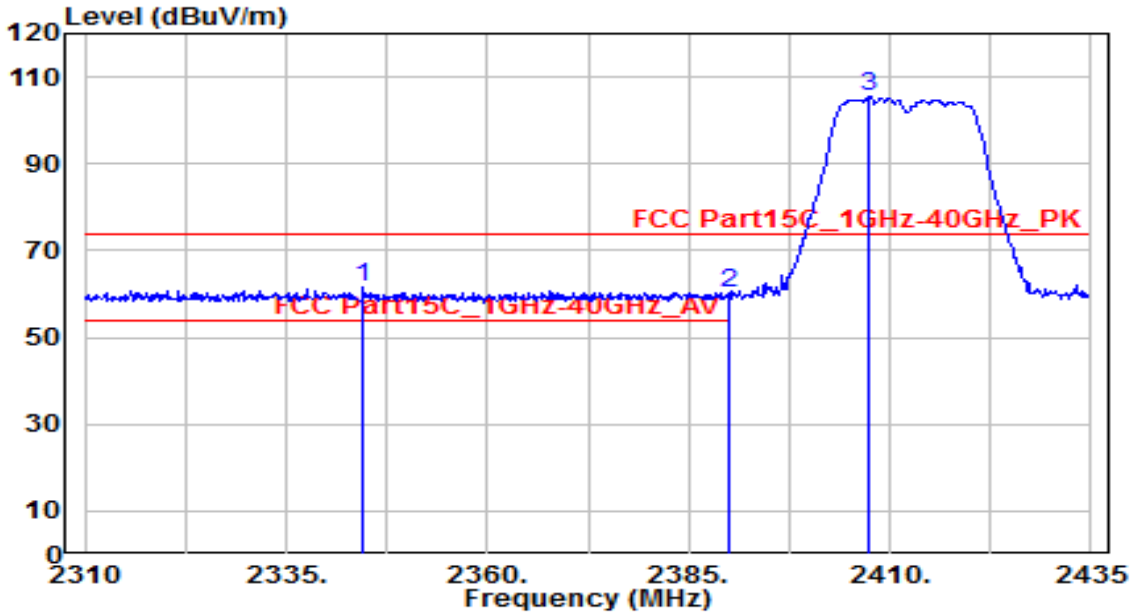


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2457.320	56.61	32.58	89.20	N/A	N/A	190	120	Average
2	*	2483.500	16.25	32.70	48.96	-5.04	54.00	190	120	Average
3		2495.875	15.79	32.76	48.56	-5.44	54.00	190	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

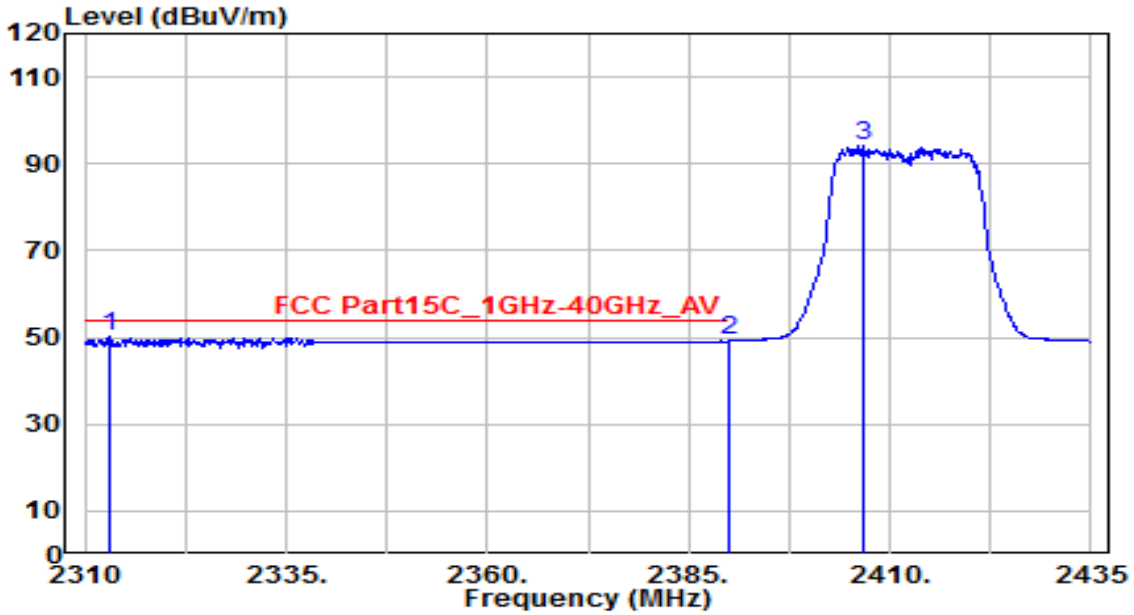


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2344.625	29.62	32.07	61.69	-12.31	74.00	150	225	Peak
2		2390.000	27.87	32.27	60.14	-13.86	74.00	150	225	Peak
3		2407.375	73.15	32.35	105.51	N/A	N/A	150	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

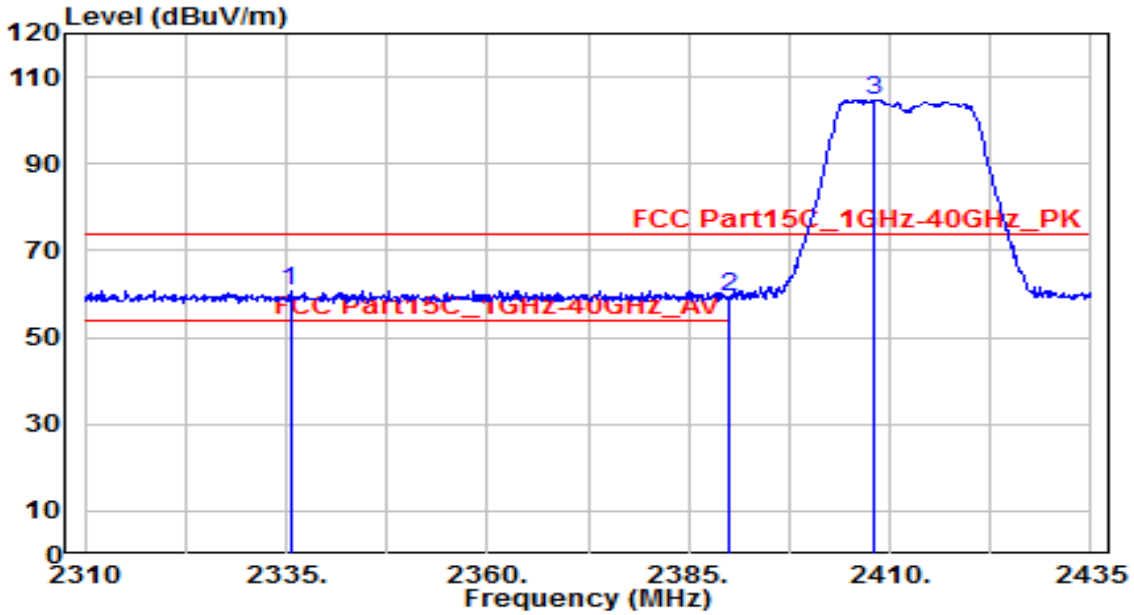


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2313.125	18.21	31.92	50.13	-3.87	54.00	150	225	Average
2		2390.000	16.89	32.27	49.16	-4.84	54.00	150	225	Average
3		2406.625	61.78	32.35	94.13	N/A	N/A	150	225	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

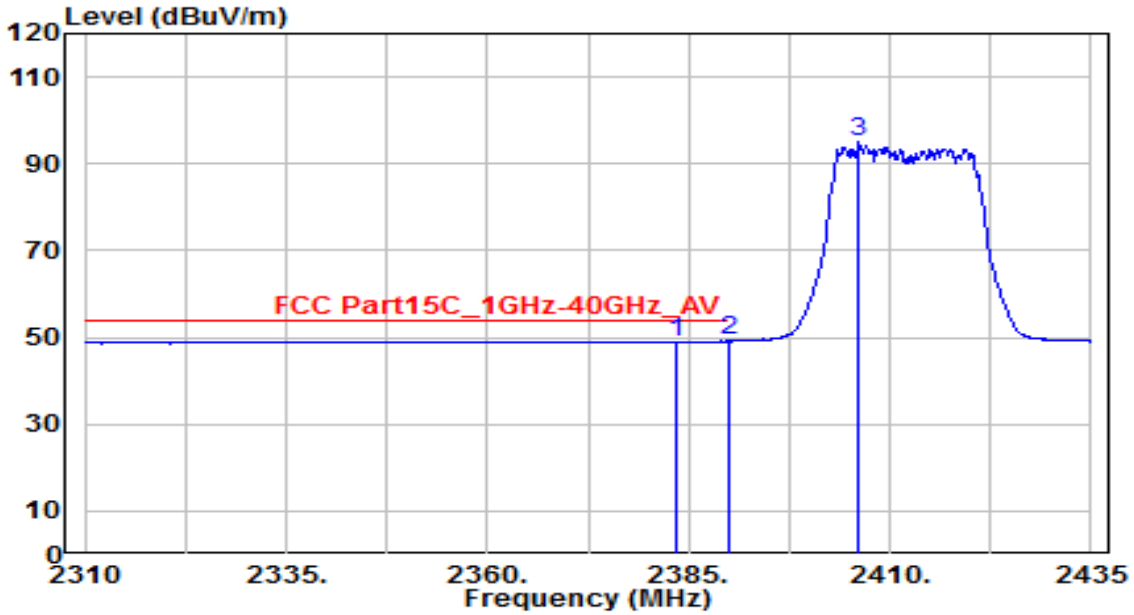


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2335.500	28.82	32.02	60.85	-13.15	74.00	240	230	Peak
2		2390.000	27.08	32.27	59.36	-14.64	74.00	240	230	Peak
3		2408.000	72.37	32.36	104.73	N/A	N/A	240	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

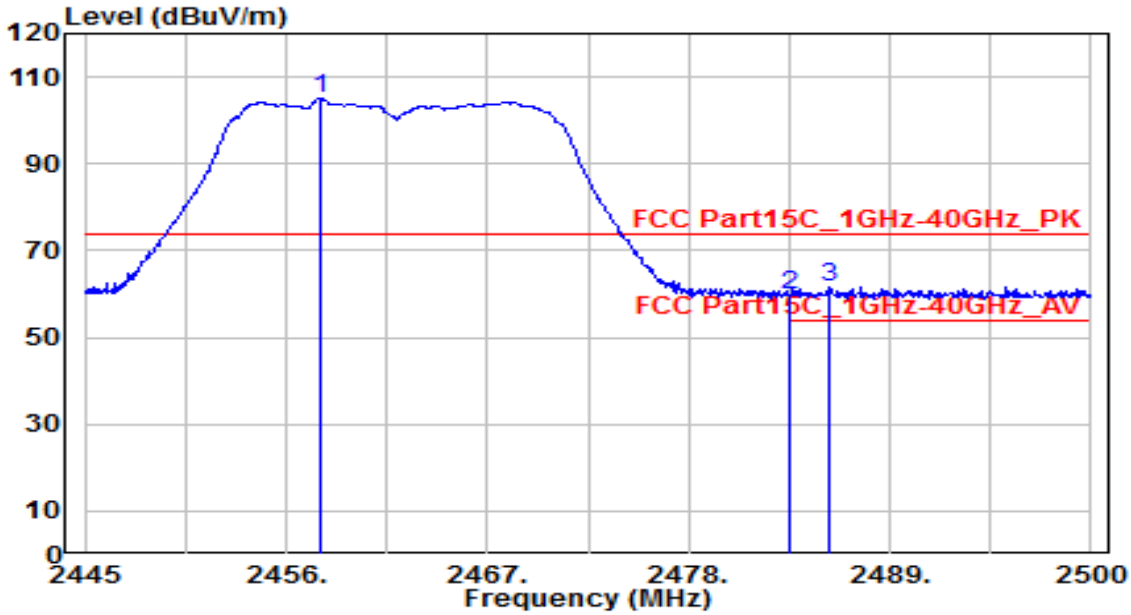


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2383.625	16.81	32.24	49.05	-4.95	54.00	240	230	Average
2	*	2390.000	16.87	32.27	49.15	-4.85	54.00	240	230	Average
3		2406.125	62.53	32.35	94.88	N/A	N/A	240	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

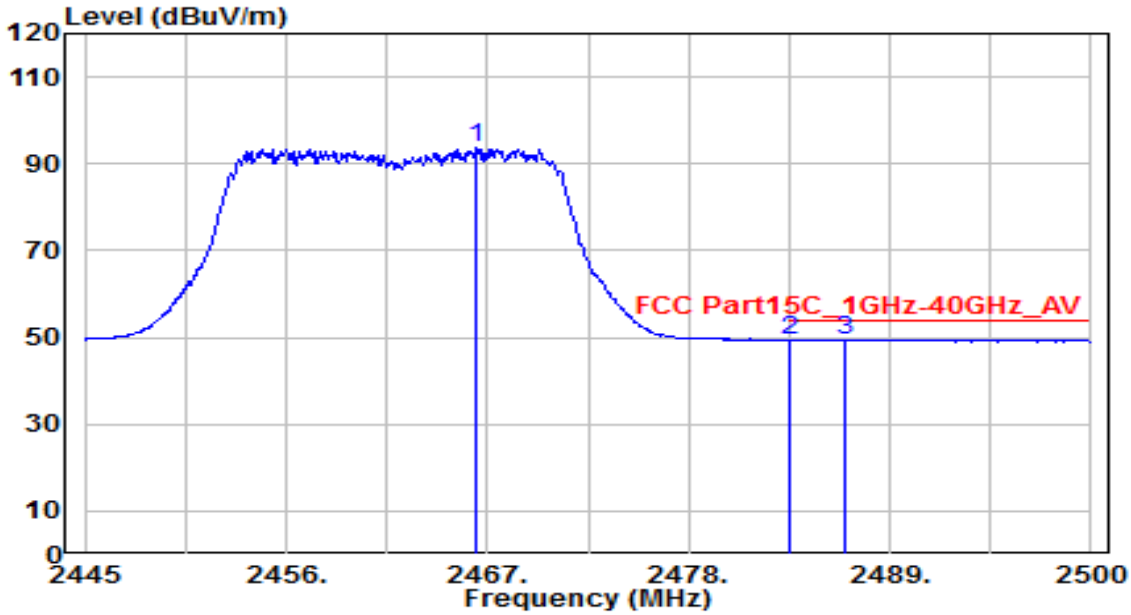


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2457.815	72.50	32.59	105.09	N/A	N/A	200	230	Peak
2		2483.500	27.13	32.70	59.84	-14.16	74.00	200	230	Peak
3	*	2485.645	28.87	32.71	61.59	-12.41	74.00	200	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

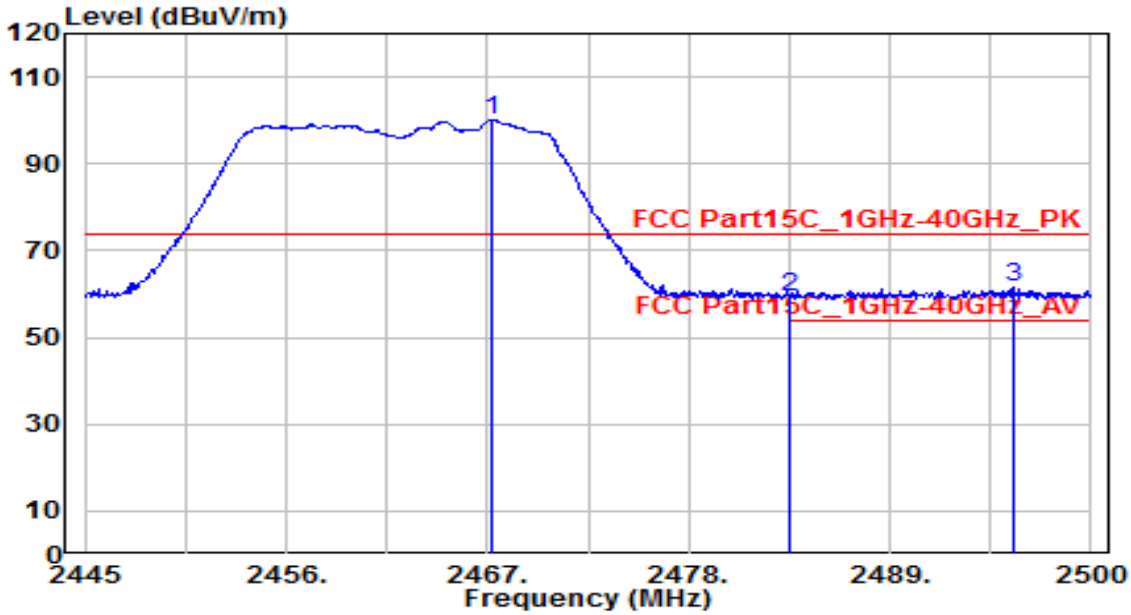


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2466.395	60.93	32.63	93.55	N/A	N/A	200	230	Average
2	*	2483.500	16.68	32.70	49.38	-4.62	54.00	200	230	Average
3		2486.580	16.62	32.72	49.34	-4.66	54.00	200	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

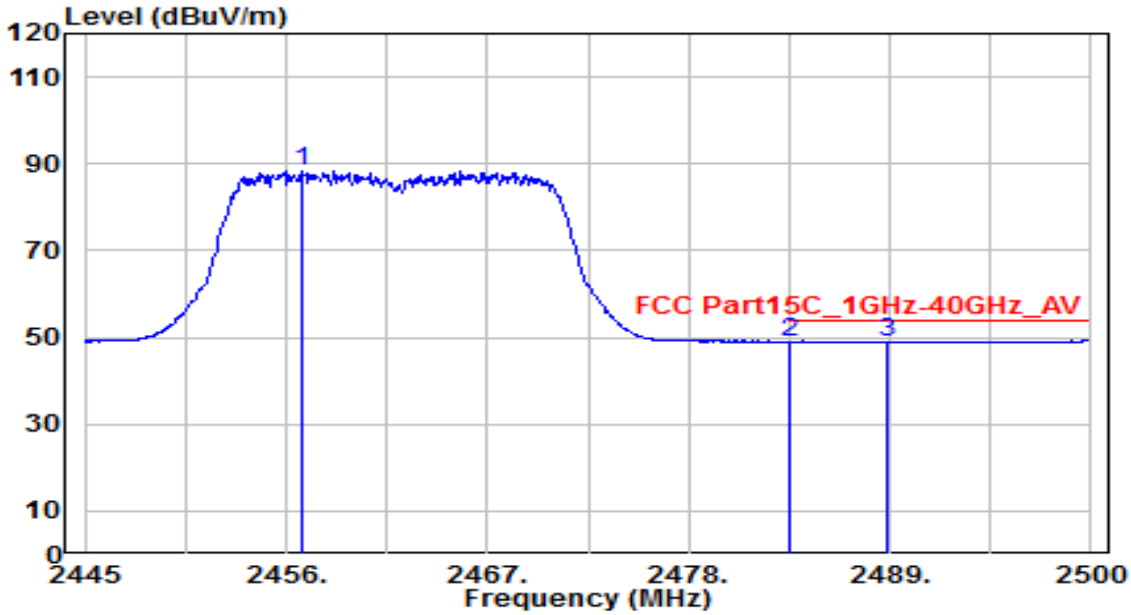


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2467.275	67.44	32.63	100.07	N/A	N/A	190	120	Peak
2		2483.500	26.75	32.70	59.45	-14.55	74.00	190	120	Peak
3	*	2495.710	28.65	32.76	61.41	-12.59	74.00	190	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	26°C /56%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

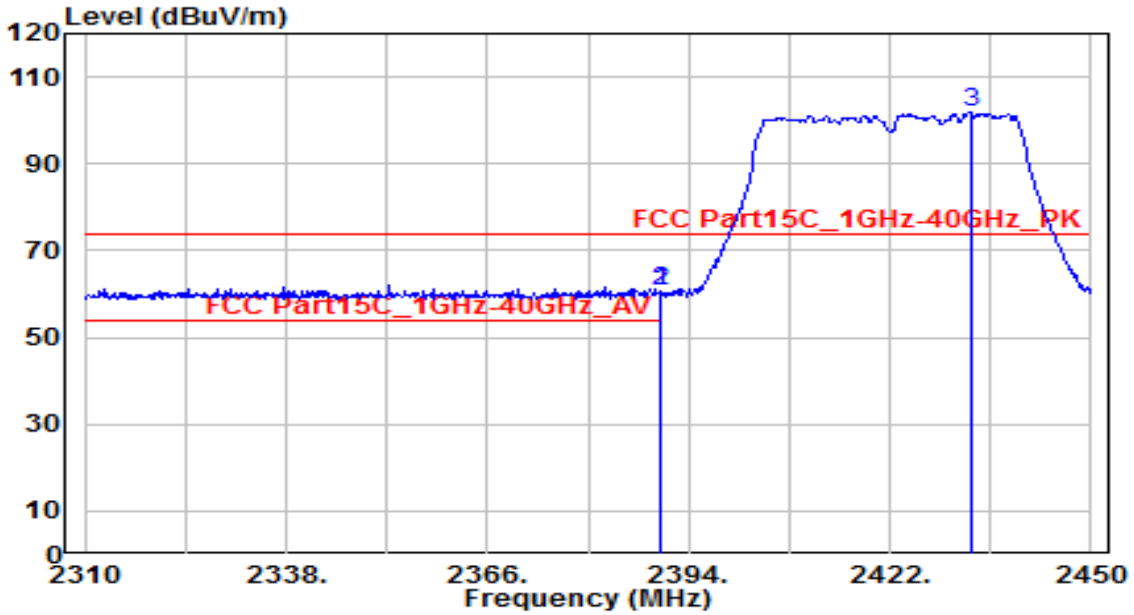


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.935	55.77	32.58	88.35	N/A	N/A	190	120	Average
2		2483.500	16.37	32.70	49.07	-4.93	54.00	190	120	Average
3	*	2488.890	16.40	32.73	49.13	-4.87	54.00	190	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

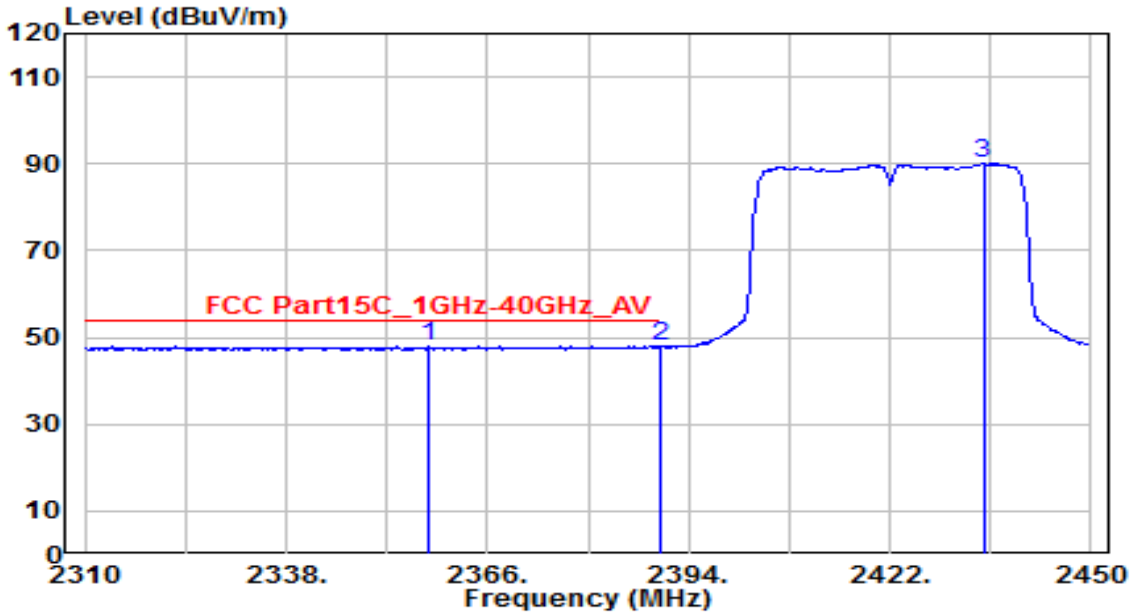


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2390.000	28.28	32.27	60.55	-13.45	74.00	250	225	Peak
2	*	2390.000	28.28	32.27	60.55	-13.45	74.00	250	225	Peak
3		2433.200	69.48	32.47	101.96	N/A	N/A	250	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

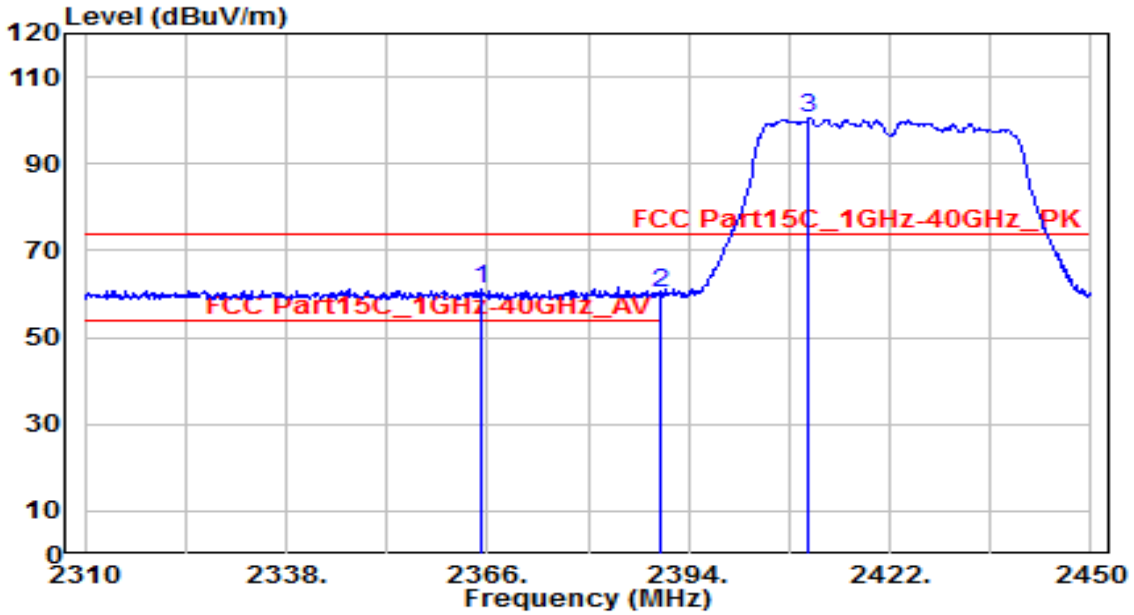


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2357.880	15.79	32.13	47.91	-6.09	54.00	250	225	Average
2		2390.000	15.56	32.27	47.83	-6.17	54.00	250	225	Average
3		2435.020	57.60	32.48	90.08	N/A	N/A	250	225	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

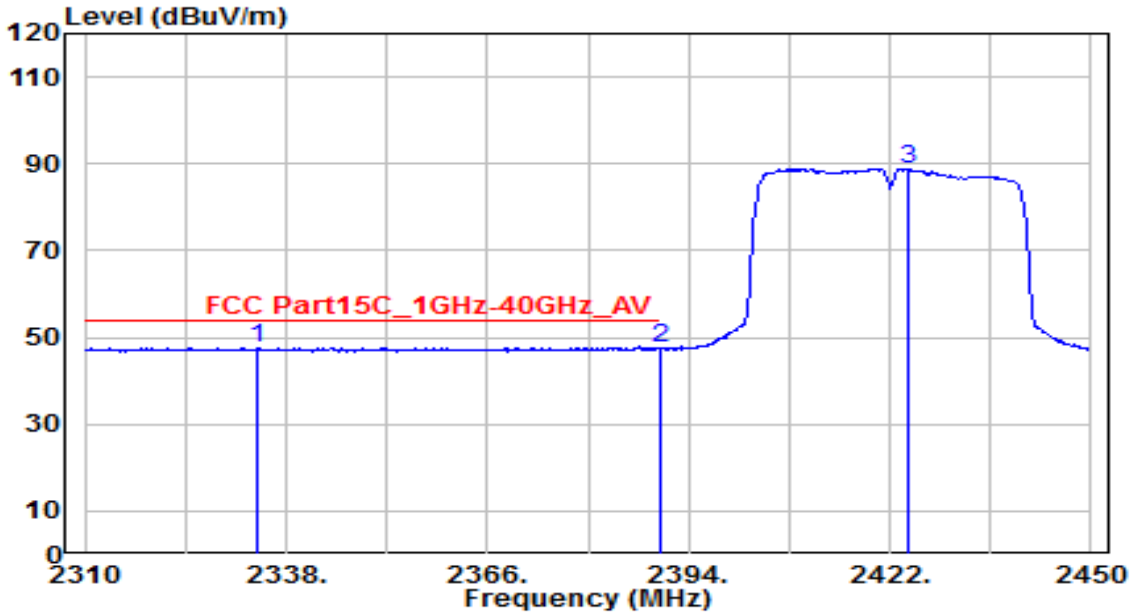


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2365.020	29.01	32.16	61.17	-12.83	74.00	260	180	Peak
2		2390.000	27.80	32.27	60.07	-13.93	74.00	260	180	Peak
3		2410.800	68.16	32.37	100.53	N/A	N/A	260	180	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

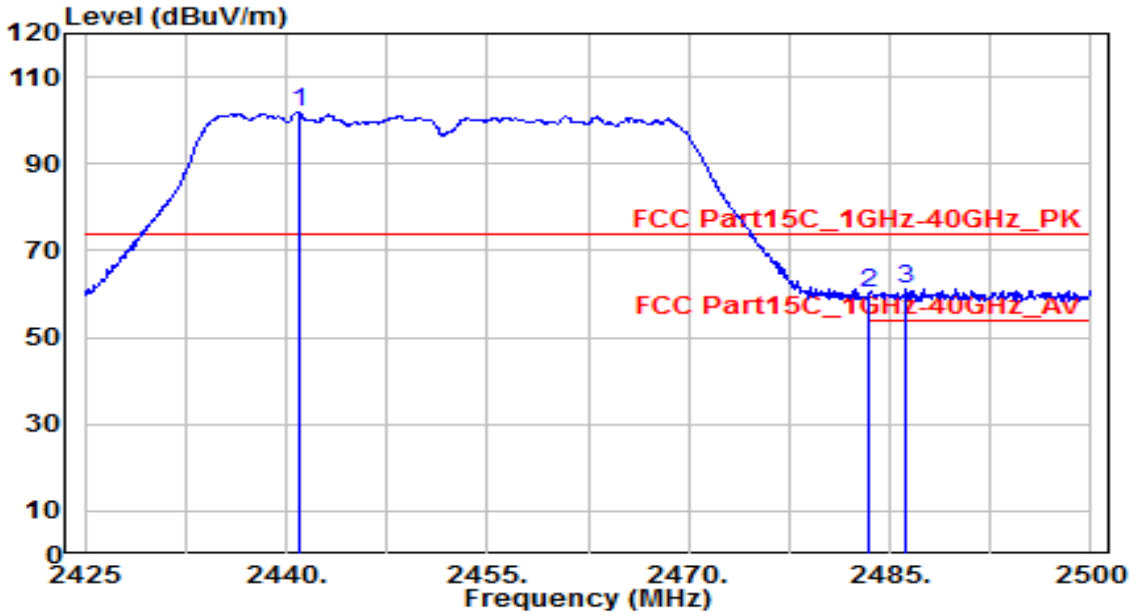


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2334.080	15.62	32.02	47.63	-6.37	54.00	260	180	Average
2	*	2390.000	15.38	32.27	47.65	-6.35	54.00	260	180	Average
3		2424.520	56.43	32.43	88.86	N/A	N/A	260	180	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

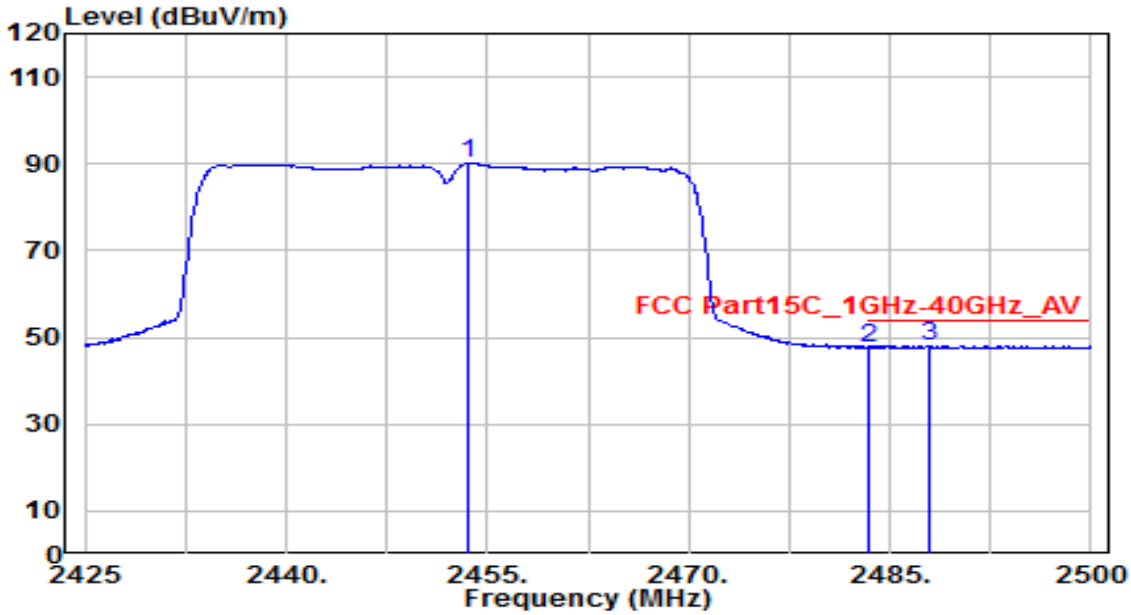


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2440.900	69.26	32.51	101.77	N/A	N/A	240	215	Peak
2		2483.500	27.52	32.70	60.23	-13.77	74.00	240	215	Peak
3	*	2486.200	28.44	32.72	61.15	-12.85	74.00	240	215	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

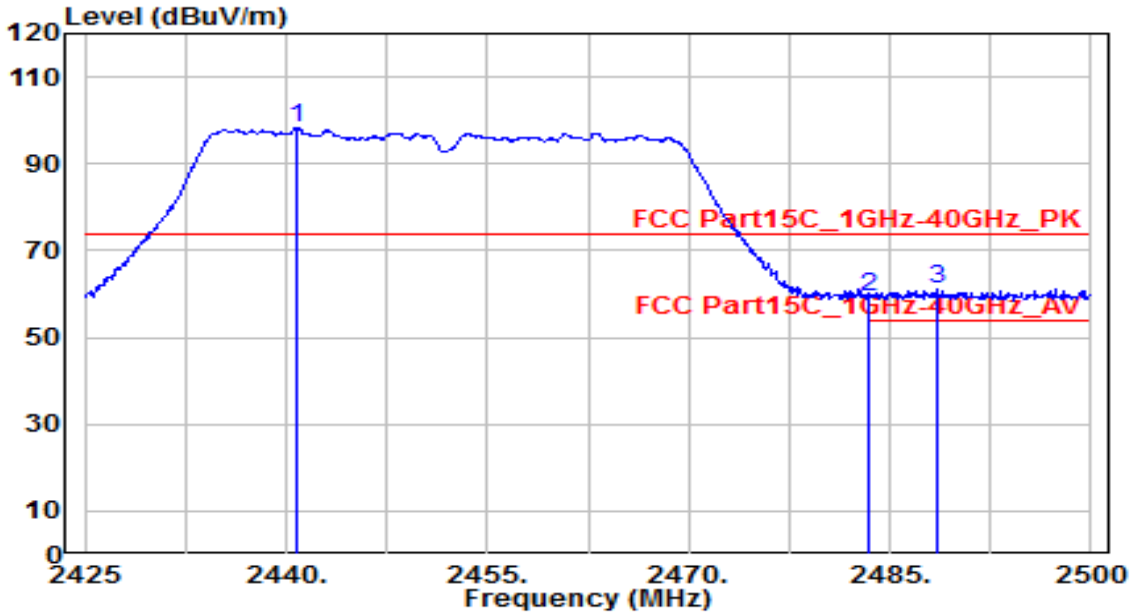


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2453.575	57.70	32.57	90.27	N/A	N/A	240	215	Average
2		2483.500	14.87	32.70	47.58	-6.42	54.00	240	215	Average
3	*	2487.925	15.33	32.72	48.06	-5.94	54.00	240	215	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

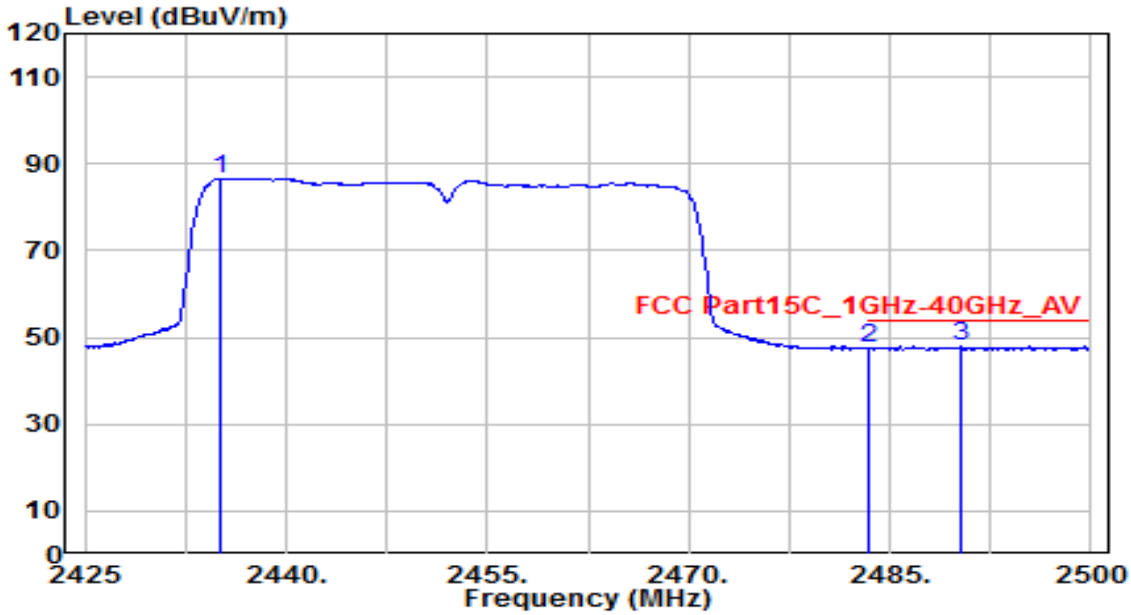


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2440.825	65.60	32.51	98.11	N/A	N/A	210	185	Peak
2		2483.500	26.70	32.70	59.41	-14.59	74.00	210	185	Peak
3	*	2488.450	28.25	32.73	60.98	-13.02	74.00	210	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-11
Factor	BBHA 9120D	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11n-40_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2435.050	54.23	32.48	86.72	N/A	N/A	210	185	Average
2		2483.500	14.97	32.70	47.68	-6.32	54.00	210	185	Average
3	*	2490.325	15.17	32.74	47.90	-6.10	54.00	210	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8. AC Conducted Emissions Measurement

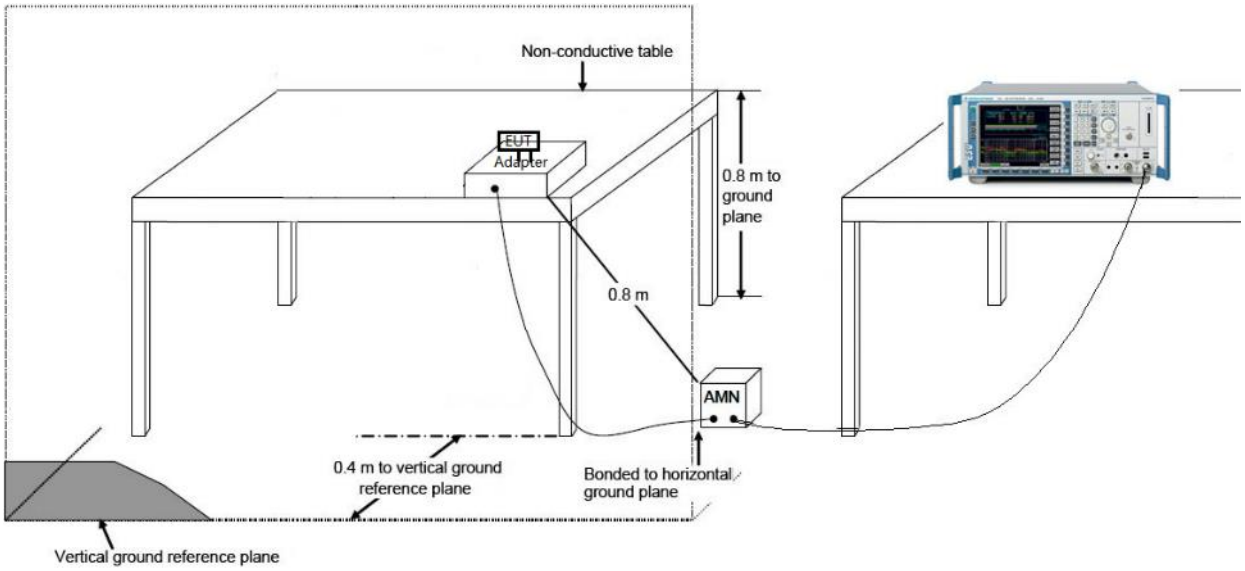
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
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.

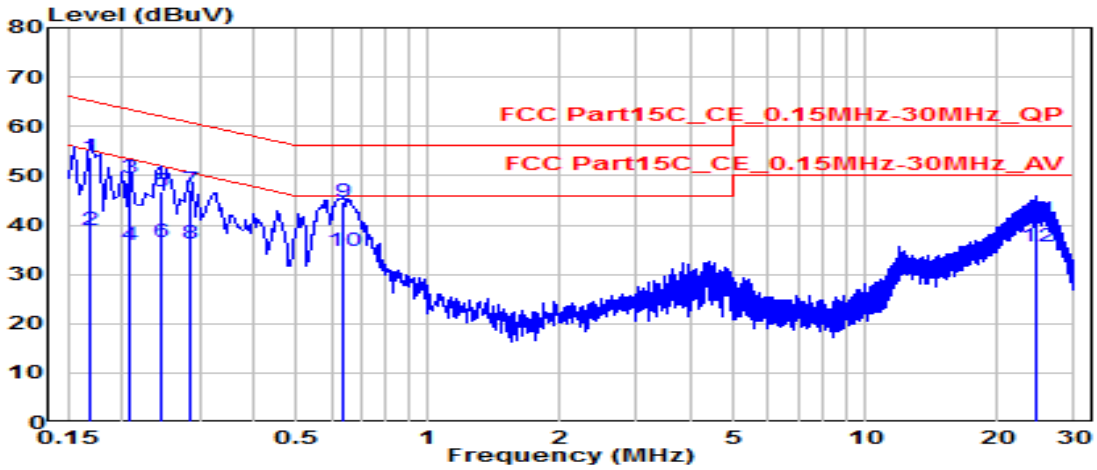
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-06-10
Factor	CE_ENV216-L1	Temp. / Humidity	26.1°C /59%
Polarity	Line1	Site / Test Engineer	SR2 / Peter
Test Mode	802.11n-20_TX_CH6_ANT0+1	Test Voltage	AC 120V/60Hz

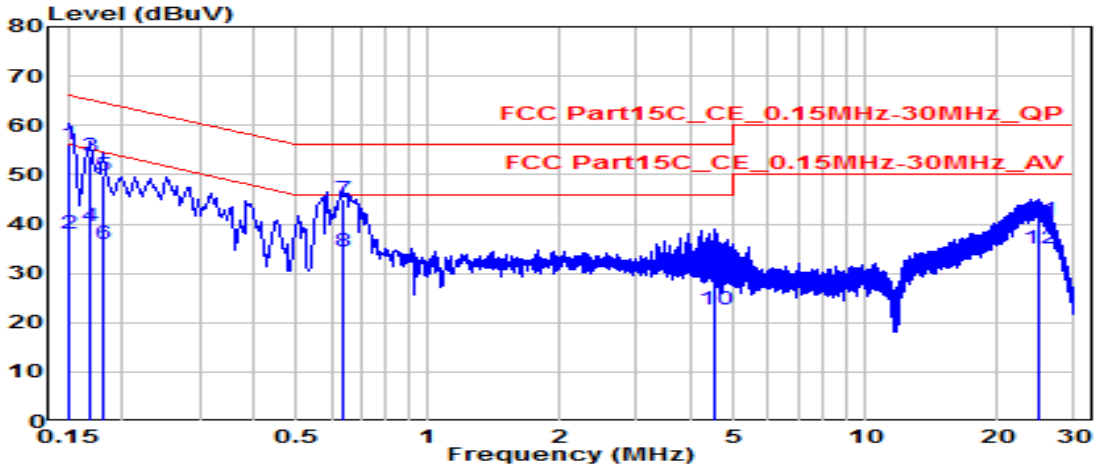


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.168	44.08	9.61	53.69	-11.36	65.06	QP
2		0.168	29.26	9.61	38.87	-16.19	55.06	Average
3		0.208	39.86	9.61	49.47	-13.80	63.27	QP
4		0.208	26.27	9.61	35.88	-17.39	53.27	Average
5		0.244	37.21	9.62	46.83	-15.11	61.94	QP
6		0.244	27.00	9.62	36.61	-15.33	51.94	Average
7		0.285	37.62	9.62	47.24	-13.43	60.67	QP
8		0.285	26.51	9.62	36.12	-14.54	50.67	Average
9	*	0.636	35.01	9.64	44.65	-11.35	56.00	QP
10	*	0.636	25.15	9.64	34.79	-11.21	46.00	Average
11		24.718	31.12	10.04	41.15	-18.85	60.00	QP
12		24.718	25.44	10.04	35.47	-14.53	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-06-10
Factor	CE_ENV216-N	Temp. / Humidity	26.1°C /59%
Polarity	Neutral	Site / Test Engineer	SR2 / Peter
Test Mode	802.11n-20_TX_CH6_ANT0+1	Test Voltage	AC 120V/60Hz

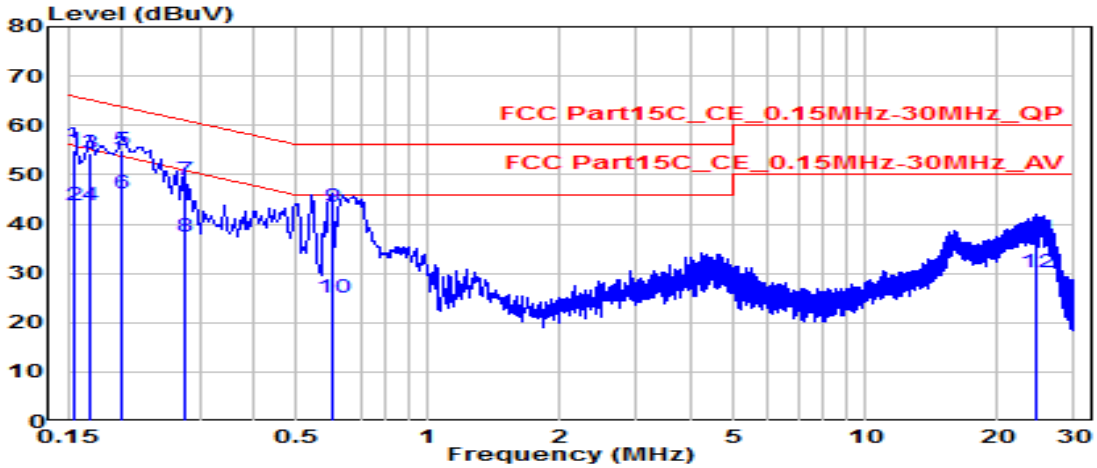


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.150	46.47	9.62	56.09	-9.91	66.00	QP
2		0.150	28.32	9.62	37.94	-18.06	56.00	Average
3		0.168	44.19	9.62	53.81	-11.25	65.06	QP
4		0.168	29.78	9.62	39.40	-15.66	55.06	Average
5		0.181	40.26	9.62	49.88	-14.54	64.42	QP
6		0.181	26.40	9.62	36.02	-18.40	54.42	Average
7		0.636	35.37	9.65	45.02	-10.98	56.00	QP
8	*	0.636	24.71	9.65	34.36	-11.64	46.00	Average
9		4.510	22.22	9.74	31.96	-24.04	56.00	QP
10		4.510	12.87	9.74	22.61	-23.39	46.00	Average
11		25.091	30.67	10.14	40.81	-19.19	60.00	QP
12		25.091	24.83	10.14	34.98	-15.02	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-06-10
Factor	CE_ENV216-L1	Temp. / Humidity	26.1°C /59%
Polarity	Line1	Site / Test Engineer	SR2 / Peter
Test Mode	802.11n-20_TX_CH6_ANT0+1	Test Voltage	AC 240V/60Hz

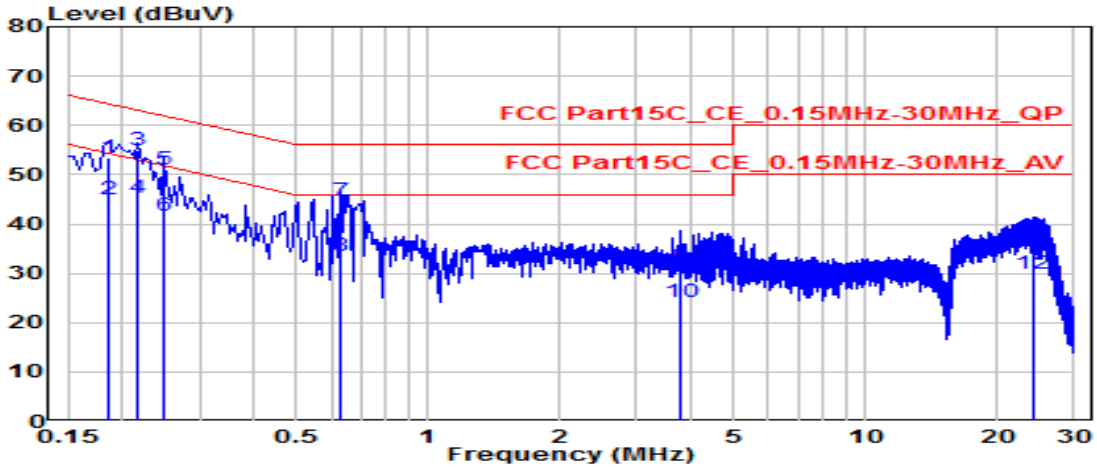


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.154	45.46	9.61	55.07	-10.69	65.75	QP
2		0.154	34.26	9.61	43.87	-11.89	55.75	Average
3		0.168	44.71	9.61	54.32	-10.73	65.06	QP
4		0.168	34.12	9.61	43.73	-11.32	55.06	Average
5	*	0.199	45.32	9.61	54.93	-8.70	63.63	QP
6	*	0.199	36.47	9.61	46.09	-7.54	53.63	Average
7		0.276	39.24	9.62	48.86	-12.08	60.94	QP
8		0.276	27.83	9.62	37.45	-13.49	50.94	Average
9		0.604	33.69	9.64	43.33	-12.67	56.00	QP
10		0.604	15.55	9.64	25.19	-20.81	46.00	Average
11		24.709	27.24	10.04	37.28	-22.72	60.00	QP
12		24.709	20.26	10.04	30.29	-19.71	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-06-10
Factor	CE_ENV216-N	Temp. / Humidity	26.1°C /59%
Polarity	Neutral	Site / Test Engineer	SR2 / Peter
Test Mode	802.11n-20_TX_CH6_ANT0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.186	43.81	9.62	53.43	-10.79	64.21	QP
2		0.186	35.33	9.62	44.95	-9.26	54.21	Average
3	*	0.217	45.36	9.62	54.98	-7.93	62.91	QP
4	*	0.217	35.56	9.62	45.19	-7.73	52.91	Average
5		0.249	41.51	9.63	51.13	-10.66	61.79	QP
6		0.249	32.13	9.63	41.76	-10.03	51.79	Average
7		0.631	35.05	9.65	44.70	-11.30	56.00	QP
8		0.631	23.78	9.65	33.43	-12.57	46.00	Average
9		3.759	21.53	9.73	31.25	-24.75	56.00	QP
10		3.759	14.53	9.73	24.26	-21.74	46.00	Average
11		24.088	26.59	10.13	36.72	-23.28	60.00	QP
12		24.088	19.87	10.13	30.00	-20.00	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **OHMNI TELEPRESENCE ROBOTS** is in compliance with Part 15C & IC RSS-247 of the FCC Rules & IC Rules.

The End