

# **MEASUREMENT REPORT**

- FCC ID : 2BH7FRE235BE
- Applicant : TP-Link Systems Inc.
- Application Type : Certification
- Product : BE3600 Wi-Fi 7 Range Extender
- Model No. : RE235BE
- Brand Name : tp-link
- FCC Classification : Unlicensed National Information Infrastructure (NII)
- FCC Rule Part(s) : Part15 Subpart E (Section 15.407)
- Received Date : January 9, 2025
- Test Date : January 16, 2025~February 8, 2025
- Tested By
   : Owen Tsai

   (Owen Tsai)
   : Paddy Chen

   (Paddy Chen)
   : Paddy Chen

   (Paddy Chen)
   : Chenz Ker)

The test results relate only to the samples tested.

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 KDB 789033 and KDB 291074. 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
2501TW0107-U5	1.0	Original Report	2025-03-13	

## CONTENTS

De	scriptio	n Pag	je
1.	INTRO	ODUCTION	. 7
	1.1.	Scope	. 7
	1.2.	MRT Test Location	. 7
2.	PROE	DUCT INFORMATION	. 8
	2.1.	Equipment Description	. 8
	2.2.	Product Specification Subjective to this Report	
	2.3.	Working Frequencies for this report	
	2.4.	Description of Available Antennas	11
	2.5.	Test Mode	12
	2.6.	Configuration of Test System	13
	2.7.	Test System Details	14
	2.8.	Description of Test Software	14
	2.9.	Applied Standards	14
	2.10.	Duty Cycle	15
	2.11.	Test Configuration	18
	2.12.	EMI Suppression Device(s)/Modifications	18
	2.13.	Labeling Requirements	18
3.	DESC	RIPTION OF TEST	19
	3.1.	Evaluation Procedure	19
	3.2.	AC Line Conducted Emissions	19
	3.3.	Radiated Emissions	20
4.	ANTE	NNA REQUIREMENTS	21
5.	TEST	EQUIPMENT CALIBRATION DATE	22
6.	MEAS	SUREMENT UNCERTAINTY	23
7.		RESULT	
	7.1.	Summary	
	7.2.	26dB Bandwidth Measurement	-
	7.2.1.	Test Limit	
	7.2.2.	Test Procedure used	
	7.2.3.	Test Setting	
	7.2.4. 7.2.5.	Test Setup	
	-	6dB Bandwidth Measurement	
	7.3.		33



7.3.1.	Test Limit	. 33
7.3.2.	Test Procedure used	. 33
7.3.3.	Test Setting	. 33
7.3.4.	Test Setup	. 33
7.3.5.	TestResult	. 34
7.4.	Output Power Measurement	. 41
7.4.1.	Test Limit	. 41
7.4.2.	Test Procedure Used	. 41
7.4.3.	Test Setting	. 41
7.4.4.	Test Setup	. 41
7.4.5.	Test Result	. 42
7.5.	Power Spectral Density Measurement	. 43
7.5.1.	Test Limit	. 43
7.5.2.	Test Procedure Used	. 43
7.5.3.	Test Setting	. 43
7.5.4.	Test Setup	. 43
7.5.5.	Test Result	. 44
7.6.	Frequency Stability Measurement	. 57
7.6.1.	Test Limit	. 57
7.6.2.	Test Procedure	. 57
7.6.3.	Test Procedure	. 58
7.6.4.	Test Result	. 58
7.7.	Radiated Spurious Emission Measurement	. 59
7.7.1.	Test Limit	. 59
7.7.2.	Test Procedure Used	. 59
7.7.3.	Test Setting	. 59
7.7.4.	Test Setup	. 61
7.7.5.	Test Result	. 62
7.8.	Radiated Restricted Band Edge Measurement	114
7.8.1.	Test Limit	114
7.8.2.	Test Procedure Used	115
7.8.3.	Test Setting	115
7.8.4.	Test Setup	116
7.8.5.	Test Result	117
7.9.	AC Conducted Emissions Measurement	165
7.9.1.	Test Limit	165
7.9.2.	Test Procedure	165
7.9.3.	Test Setup	166
7.9.4.	Test Result	167



8.	CONCLUSION	169
Арр	endix A : Test Setup Photograph	170
Арр	endix B : EUT Photograph	170
Арр	endix C : Internal Photograph	170



### **General Information**

Applicant	TP-Link Systems Inc.
Applicant Address	10 Mauchly, Irvine, CA 9261
Manufacturer	TP-Link Systems Inc.
Manufacturer Address	10 Mauchly, Irvine, CA 92618
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 15.407

#### 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.
- 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 Canada, EU and TELEC Rules.



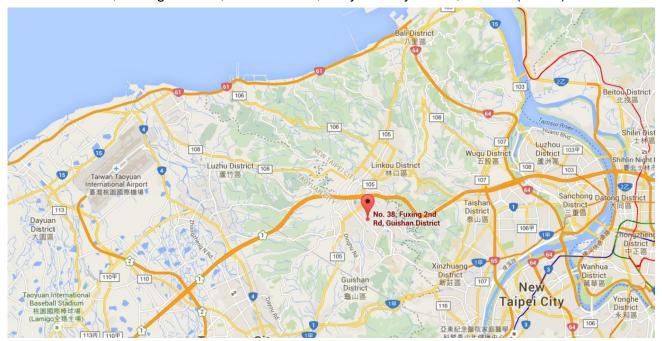
## 1. INTRODUCTION

### 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 Innovation, Science and Economic Development Canada and 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:	BE3600 Wi-Fi 7 Range Extender
Model No.:	RE235BE
Brand Name:	tp-link
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Rating	AC 100-240V 50-60Hz 0.4A
EUT Identification No.	#1-1 (Conducted)
	#1-2 (Radiated)



## 2.2. Product Specification Subjective to this Report

	For 802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20:		
	5845MHz, 5865MHz, 5885MHz		
	For 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40:		
	5835MHz, 5875MHz		
Frequency Range:	For 802.11ac-VHT80/ax-HE80/be-EHT80:		
	5855MHz		
	For 802.11ac-VHT160/ax-HE160/be-EHT160:		
	5815MHz		
	802.11a/n/ac: OFDM		
Type of Modulation:	802.11ax/be: OFDMA		
	802.11a: 6/9/12/18/24/36/48/54Mbps		
	802.11n: up to 300Mbps		
Data Rate:	802.11ac: up to 1733.4Mbps		
	802.11ax: up to 2402Mbps		
	802.11be: up to 2882Mbps		

Note: For other features of this EUT, test report will be issued separately.



## 2.3. Working Frequencies for this report

802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
169	5845 MHz	173	5865 MHz	177	5885 MHz

#### 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
167	5835 MHz	175	5875 MHz		

#### 802.11ac-VHT80/ax-HE80/be-EHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
171	171 5855 MHz				

#### 802.11ac-VHT160/ax-HE160/be-EHT160

Channel	Frequency	Channel	Frequency	Channel	Frequency
163	5815 MHz				



## 2.4. Description of Available Antennas

Antenna	Frequency	Tx	Number	Max Antenna	Beamforming	CDD Directional Gain	
Туре	Band	Paths	of spatial	Gain	Directional	(dBi)	
	(MHz)		streams	(dBi)	Gain(dBi)	For Power	For PSD
Wi-Fi Anter	Wi-Fi Antenna						
	2412 ~ 2462	2	1	3.00	6.01	3.00	6.01
	5150 ~ 5250	2	1	3.00	6.01	3.00	6.01
Dipole	5250 ~ 5350	2	1	2.96	5.97	2.96	5.97
	5470 ~ 5725	2	1	3.00	6.01	3.00	6.01
	5725 ~ 5895	2	1	3.00	6.01	3.00	6.01

Remark:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If all antennas have the same gain,  $G_{ANT}$ , 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<sub>ANT</sub>/ N<sub>SS</sub>) dB;

• For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for  $N_{ANT} \le 4$ ;

- The EUT also supports Beam Forming mode, and the Beam Forming support 802.11ac/ax/be, not include 802.11a/b/g/n. BF Directional gain = G<sub>ANT</sub> + 10 log (N<sub>ANT</sub>).
- 3. All messages of antenna were declared by manufacturer.

Test Mode	T <sub>x</sub> Paths	CDD Mode	Beamforming Mode	
802.11b/g/n (DTS)	2	$\checkmark$	Х	
802.11ax/be (DTS)	2	$\checkmark$	$\checkmark$	
802.11a/n (NII)	2	$\checkmark$	Х	
802.11ac/ax/be (NII)	2		$\checkmark$	



## 2.5. Test Mode

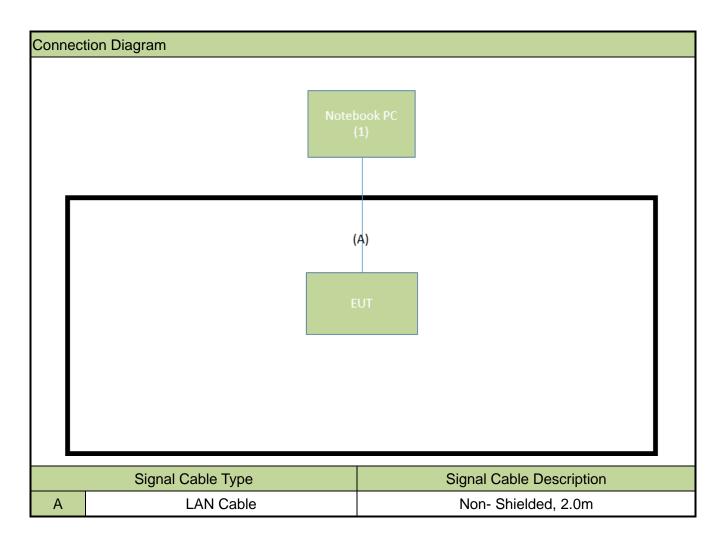
CD	DD Mode
Мо	ode 1: Transmit by 802.11a_Nss=1 (6Mbps)
Мо	ode 2: Transmit by 802.11ac-VHT20_Nss=1 (MCS0)
Мо	ode 3: Transmit by 802.11ac-VHT40_Nss=1 (MCS0)
Мо	ode 4: Transmit by 802.11ac-VHT80_Nss=1 (MCS0)
Мо	ode 5: Transmit by 802.11ac-VHT160_Nss=1 (MCS0)
Мо	ode 6: Transmit by 802.11ax-HE20_Nss=1 (MCS0)
Мо	ode 7: Transmit by 802.11ax-HE40_Nss=1 (MCS0)
Мо	ode 8: Transmit by 802.11ax-HE80_Nss=1 (MCS0)
Мо	ode 9: Transmit by 802.11ax-HE160_Nss=1 (MCS0)
Мо	ode 10: Transmit by 802.11be-EHT20_N <sub>ss</sub> =1 (MCS0)
Мо	ode 11: Transmit by 802.11be-EHT40_N <sub>ss</sub> =1 (MCS0)
Мо	ode 12: Transmit by 802.11be-EHT80_N <sub>ss</sub> =1 (MCS0)
Мо	ode 13: Transmit by 802.11be-EHT160_N <sub>ss</sub> =1 (MCS0)
Re	mark:
1.	For Radiated emission, the modulation and the data rate picked for testing are determined by the
	Max. RF conducted power.
2.	This device supports 2 $N_{\mbox{\scriptsize SS}}$ and power level of 2 Nss is less than or equal to the power of 1 $N_{\mbox{\scriptsize SS}}$ .
	The worst case is N <sub>SS</sub> =1.
3.	802.11n and 802.11ac have same modulation type and same power value, so we only show
	802.11ac test data in report.
4.	For Beamforming operation, manufacturer automatically backs power down based on a
	10log( $N_{ANT}$ ) factor based on CDD power. Therefore, only the CDD mode was evaluated in this
	repor.

- 5. EUT supports one configuration only in 802.11ax/be full RU mode.
- 6. As Designated by manufacturer, the lowest data rate was the worst condition, so all the tests were done with lowest data rate.



## 2.6. Configuration of Test System

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





## 2.7. Test System Details

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

Product N		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	Lenovo	21DH00A3TW	N/A	Non-shielded, 0.8m

### 2.8. Description of Test Software

The test utility software used during testing was "accessMTool", the version is ver REL\_3\_3\_0\_4.

Note: Final power setting please refer to operational description.

### 2.9. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15.407
- KDB 789033 D02v02r01
- KDB 291074 D02v01
- KDB 662911 D01v02r01
- ANSI C63.10-2013

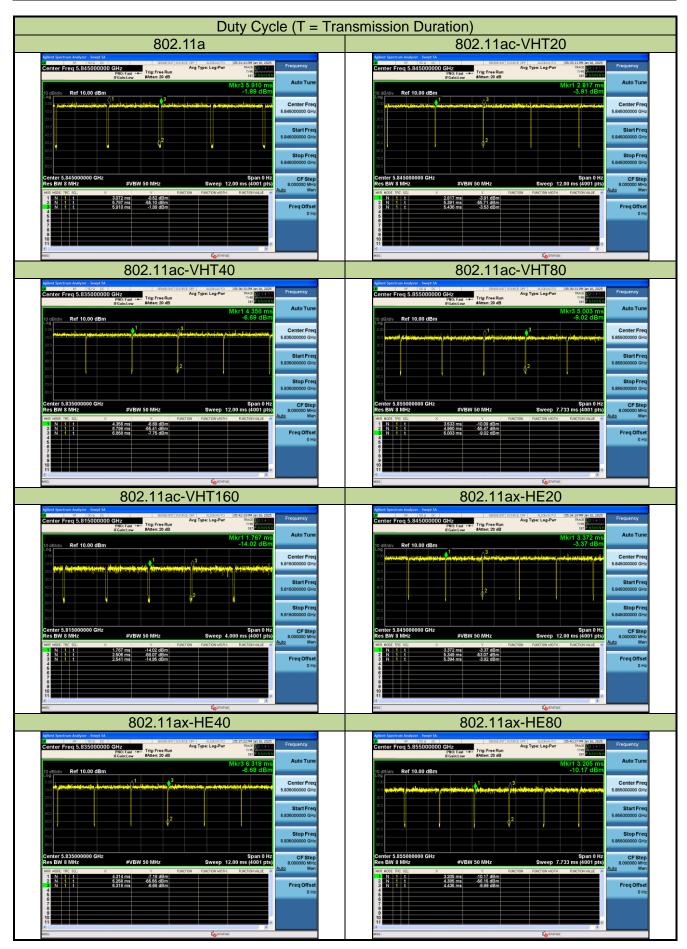


## 2.10. Duty Cycle

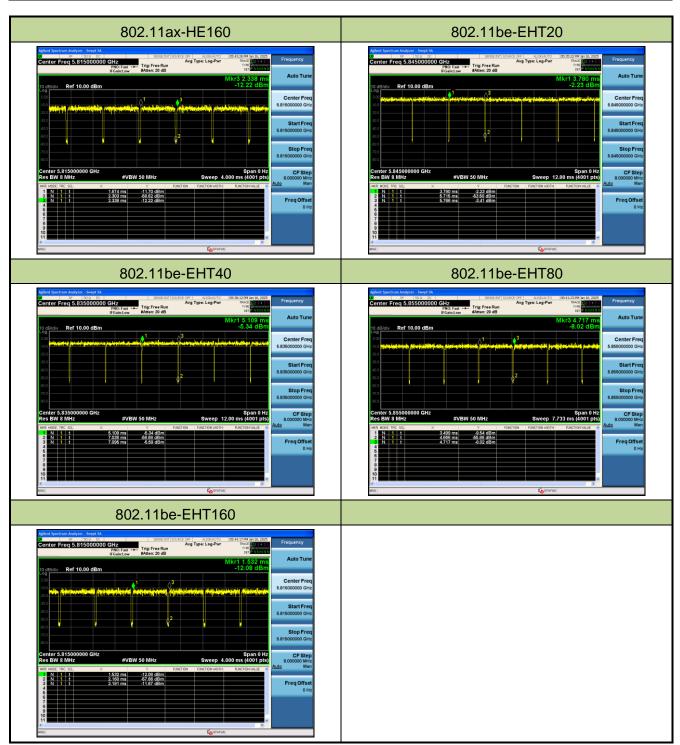
5GHz (NII) operation is possible in 20MHz, 40MHz, 80MHz and 160MHz channel bandwidths. The maximum achievable duty cycles for all modes were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 50MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Test Mode	Duty Cycle
802.11a	95.67%
802.11ac-VHT20	98.28%
802.11ac-VHT40	97.60%
802.11ac-VHT80	97.07%
802.11ac-VHT160	95.48%
802.11ax-HE20	97.77%
802.11ax-HE40	97.01%
802.11ax-HE80	95.93%
802.11ax-HE160	94.73%
802.11be-EHT20	97.43%
802.11be-EHT 40	97.13%
802.11be-EHT 80	95.81%
802.11be-EHT 160	95.36%











## 2.11. Test Configuration

The device was tested per the guidance of KDB 789033 D02v02r01.ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

## 2.12. EMI Suppression Device(s)/Modifications

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

## 2.13. 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 of Procedures for Compliance Testing of Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance provided in KDB 789033 D02v02r01 were used in the measurement.

## 3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an8'x4'x4' 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,  $50\Omega/50$ uH 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 whichever 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.



### 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. An80cm 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, whichever 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.



## 4. ANTENNA REQUIREMENTS

KDB 291074 DR01: An Indoor Access point in the U-NII-4 band (5.850-5.895 GHz) and U-NII -3 & -4 span

channels must use an integrated antenna

• The antenna of the device is built in and locked inside the enclosure.



## 5. TEST EQUIPMENT CALIBRATION DATE

#### **Conducted Emissions**

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2025/4/21
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2025/3/5
Cable	Rosnol	N1C50-RG400-B	MRTTWE00013	1 year	2025/6/14
		1C50-500CM			

#### **Radiated Emissions**

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Acitve Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2025/5/7
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00086	1 year	2025/11/5
Broadband Hornantenna	RFSPIN	DRH18-E	MRTTWA00087	1 year	2025/5/20
Broadband Preamplifier	EMC Instruments corporation	EMC118A45SE	MRTTWA00088	1 year	2025/5/14
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2025/3/26
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2025/3/21
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2025/3/5
Signal Analyzer	R&S	FSVA3044	MRTTWA00092	1 year	2025/6/20
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00034	1 year	2025/6/25
Cable	HUBERSUHNER	EMC105-NM-NM -3000	MRTTWE00035	1 year	2025/6/25
Temperature/Humidity Meter	TFA	35.1083	MRTTWA00050	1 year	2025/6/2

#### Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2025/9/24
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2025/8/12
USB Wideband Power Sensor	KEYSIGHT	U2021XA	MRTTWA00015	1 year	2025/3/12

#### **Test Software**

Software	Version	Function	
e3	9.160520a	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.

AC Conducted Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
150kHz~30MHz: ± 2.53dB
Radiated Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)):
9kHz ~ 1GHz: ± 4.25dB
1GHz ~ 40GHz: ± 4.45dB
Conducted Power (Carrier Power / Power Density)
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%
Frequency Error
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): ±78.4Hz



## 7. TEST RESULT

### 7.1. Summary

FCC Section(s)	Test Description	Test Limit	Test Condition	Test Result	Refere nce
15.407(a)	26dB Bandwidth	N/A		Pass	Section 7.2
15.407(e)	6dB Bandwidth	≥ 500kHz		Pass	Section 7.3
15.407(a)(3)(ii)	Maximum Conducted Output Power	Refer to section 7.4	Conducted Pass		Section 7.4
15.407(a)(3)(ii) (12)	Peak Power Spectral Density	Refer to section 7.5		Pass	Section 7.5
15.407(g)	Frequency Stability	N/A		Pass	Section 7.6
15.407(b)(5)	Undesirable Emissions	Refer to Section 7.7		Pass	Section 7.7
15.205, 15.209 15.407( b)(5)(i), (8), (9)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in15.209	Radiated	Pass	Section 7.8
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.9

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) 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.
- 3) Output power test was verified over all data rates of each mode (data refers to operational description), and then choose the maximum power output (low data rate) for final test of each channel.
- 4) 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.



### 7.2. 26dB Bandwidth Measurement

#### 7.2.1.Test Limit

N/A

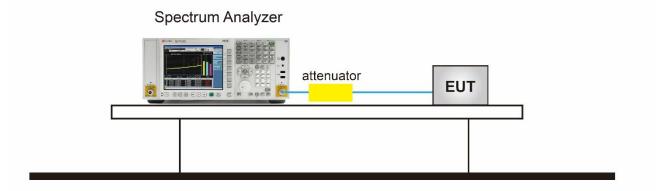
#### 7.2.2.Test Procedure used

KDB 789033 D02v02r01- Section II)C.1) (26dB Bandwidth) KDB 789033 D02v02r01- Section II)D) (99% Bandwidth)

#### 7.2.3.Test Setting

- The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 26. The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediated power nulls in the fundamental emission.
- 2. RBW = approximately 1% of the emission bandwidth.
- 3. VBW  $\geq$  3×RBW.
- 4. Detector = Peak.
- 5. Trace mode = max hold.

#### 7.2.4.Test Setup



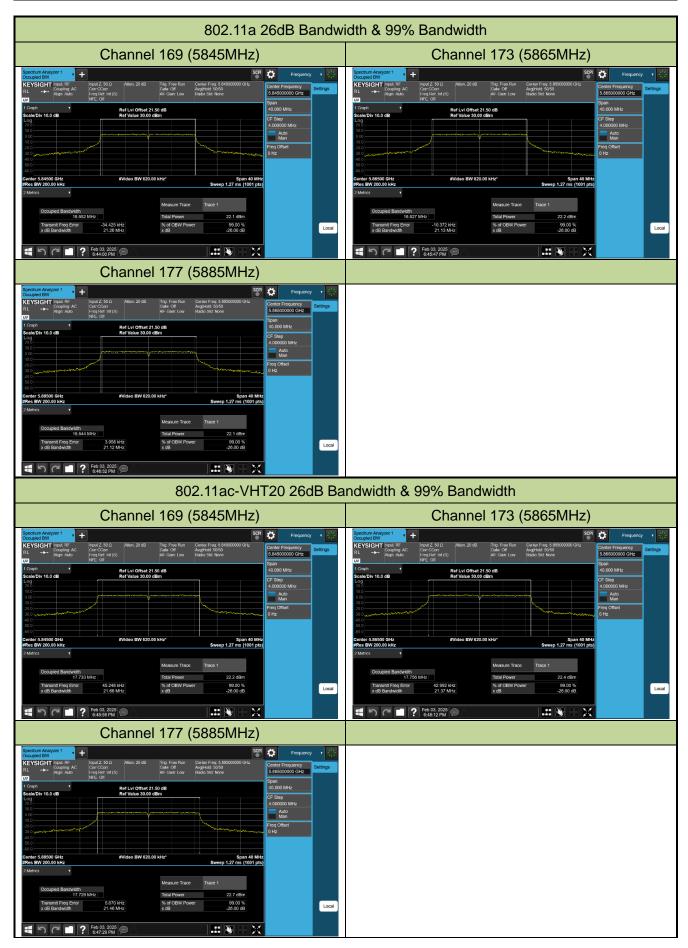


#### 7.2.5.Test Result

Product	BE3600 Wi-Fi 7 Range Extender	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/2/3

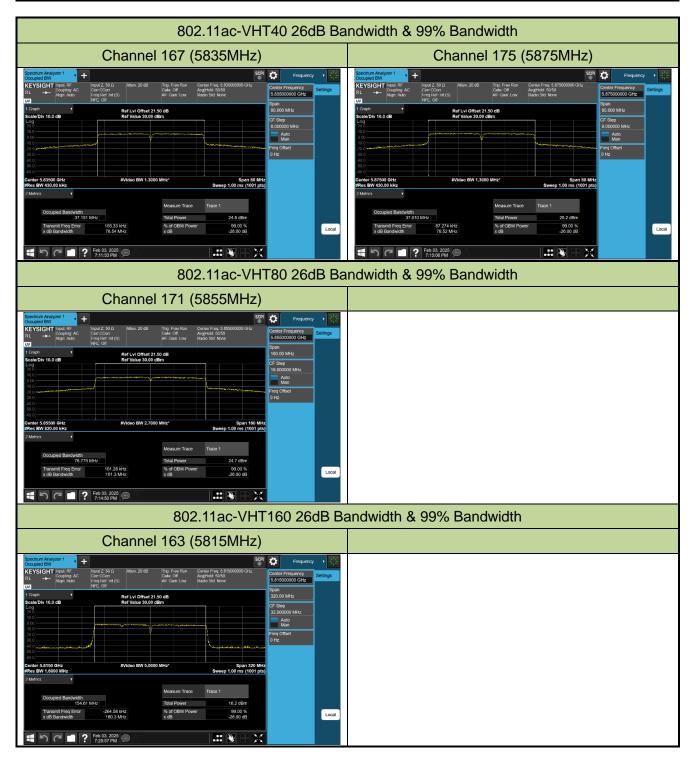
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)			
Ant 1								
802.11a	6Mbps	169	5845	21.260	16.552			
802.11a	6Mbps	173	5865	21.130	16.527			
802.11a	6Mbps	177	5885	21.120	16.544			
802.11ac-VHT20	MCS0	169	5845	21.660	17.733			
802.11ac-VHT20	MCS0	173	5865	21.370	17.756			
802.11ac-VHT20	MCS0	177	5885	21.460	17.729			
802.11ac-VHT40	MCS0	167	5835	78.540	37.151			
802.11ac-VHT40	MCS0	175	5875	78.520	37.010			
802.11ac-VHT80	MCS0	171	5855	151.300	76.775			
802.11ac-VHT160	MCS0	163	5815	160.300	154.610			
802.11ax-HE20	MCS0	169	5845	21.550	19.008			
802.11ax-HE20	MCS0	173	5865	21.410	19.017			
802.11ax-HE20	MCS0	177	5885	21.220	18.999			
802.11ax-HE40	MCS0	167	5835	79.590	38.558			
802.11ax-HE40	MCS0	175	5875	76.110	38.306			
802.11ax-HE80	MCS0	171	5855	158.000	78.507			
802.11ax-HE160	MCS0	163	5815	161.700	156.250			
802.11be-EHT20	MCS0	169	5845	21.980	19.006			
802.11be-EHT20	MCS0	173	5865	21.170	19.006			
802.11be-EHT20	MCS0	177	5885	21.370	19.005			
802.11be-EHT40	MCS0	167	5835	79.750	39.176			
802.11be-EHT40	MCS0	175	5875	78.120	38.298			
802.11be-EHT80	MCS0	171	5855	155.900	78.557			
802.11be-EHT160	MCS0	163	5815	161.600	156.220			





Page Number: 27 of 170







802.11ax-HE20 26dB Ba	ndwidth & 99% Bandwidth
Channel 169 (5845MHz)	Channel 173 (5865MHz)
Spectrum Analyzer 1                Frequency                 Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Frequency               Autom               Frequenc	Spectrum Analyser 1     Imped 2: 00 L     Allem: 20 dD     Tigs Froe Run     Center Froe 3.0000000 GHz     Sector 000000 GHz     Sector 0000000 GHz     Sector 000000 GHz     Sector 0000000 GHz     Sector 000000000000000000000000000000000000
2 Marks         Measure Trace         Trace 1           Occupied Bandwidth         Eddl Power         22.6 dBm           Tracemit Freq Entry         32.600 MHz         % of OBW Power         90.00 mB           # Bandwidth         21.56 MHz         % of OBW Power         90.00 mB           # Bandwidth         21.56 MHz         % of OBW Power         90.00 mB           # So (Per 00.2006)         extBandwidth         % of DBW Power         % of DBW Power	2 Marice         Measure Trace         Trace 1           Occupied Bandwish         Trace 1         Trace 1           Tracemit Freq Error         44.47 hitz         Ski of OBW Power         99.00 kg           x of Bandwish         21.41 hitz         Ski of OBW Power         99.00 kg           x of Bandwish         21.41 hitz         x of Bandwish         -20.00 kg
Channel 177 (5885MHz)	
Concepted Bandwidth       Maximum       Ref. 52:00 // Mile:       Maximum       Ref. 52:00 // Mile:       Ref. 100 // Mile	
	ndwidth & 99% Bandwidth
Channel 167 (5835MHz)         Spectrum Awayes 1       Order Status         KEYSIGHT       Order Status         May Add Mark       Order Status         Mark Status       Orde	Channel 175 (58750HHz)         Spectrum drasjon 1         Image: Spectrum drasjon 1

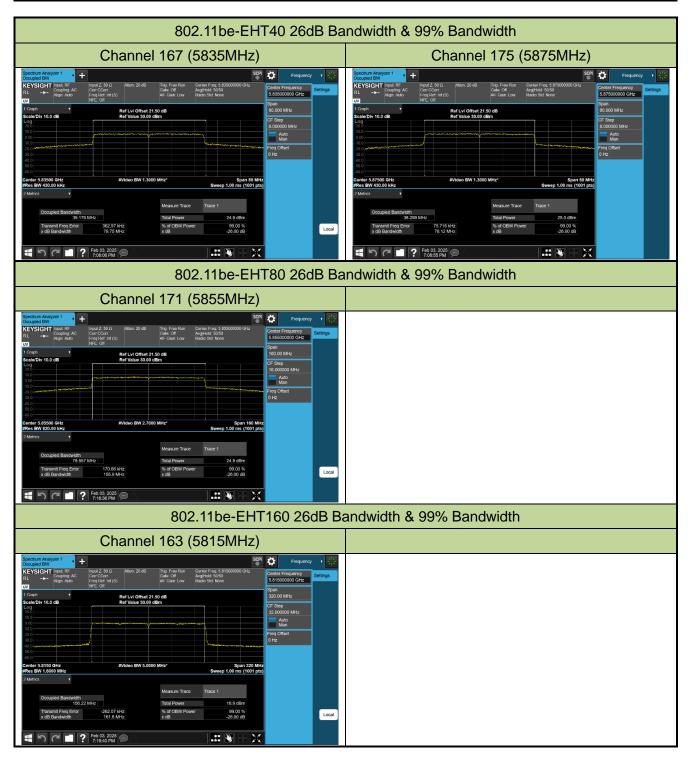


802.11 ax-HE80 26dB Bar	ndwidth & 99% Bandwidth
Channel 171 (5855MHz)	
Sectored Analysis     Image: Sectored Analys	
802.11 ax-HE160 26dB Ba	ndwidth & 99% Bandwidth
Channel 163 (5815MHz)	
Second Mary Xer     Image: Second Secon	



	Channel 1	69 (5845MHz	)	Channel 173 (5865MHz)				
Spectrum Analyzer 1		s	Frequency	Spectrum Analyzer 1 +		SCPI 🛟 Frequency 🔹 🔆		
RL Coupling: AC Co Align: Auto Fri	er CCorr Cañ	Free Run Center Freq. 5.845000000 GHz - Off Avg Hold: 50:50 Gain: Low Radio Std: None	Center Frequency 5.845000000 GHz Settings	KEYSIGHT         Input. RF         Input. Z. 50 Ω           RL         →         Coupling AC         Corr CCorr           Align: Auto         Freq Ref. Int (S)         NFE. Off	Atlen: 20 dB Trig. Free Run Center Freq. 5.8550 Cate: Off Avg[Hold: 50/50 #IF Garn: Low Radio Std: None	Center Frequency 5.86500000 GHz Settings		
10 mph 10 mph 50 mph 20 mph 10 mph	E Off Ref Lvi Offset 21.30 dB Ref Value 30.00 dBm		Span 40.000 MHz CF Step 4.000000 MHz 4.000000 MHz Freq Offset 0 Hz	1 Graph 🔹	Ref Lvi Offset 21.50 dB Ref Volue 30.00 dBm	Span 40.0000 MHz GF Step 4.00000 MHz 4.00000 MHz Frog Other Frog Other 0.12		
00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Iz Ta	Span 40 Sweep 1.27 ms (1001 asure Trace 1 al Power 22.6 dBm cf OBW Power 90.00 % -26 00 dB	HP2 (59)	Conter 5.8500 GHz drive BM 200.00 Miz drive BM 200.00 Miz Z Matrice Cocupied Bandwidth 19.000 Mizz Transmit Free Error x dB Bandwidth 21.17 M	Neasure Trace Trace 1 Total Power 2: % of CBW Power	Span 40 MHz 27 ms (601 pts) 26 dBm 90 00 %		
	channel 1	₩ 🕄 🖶 🕻 77 (5885MHz	)	E C C C C C C C C C C C C C C C C C C C				
Cocupied BW         T           KEYSIGHT         Input. RF         Inp           RL         ++         Augn: Auto         Fn	orr CCorr Cat	Free Run Center Freq. 5.855000000 GHz x Off AvgFloid: 50/50 Gain: Low Radio Std: None	Center Prequency     Center Prequency     Center Prequency     Settings     Setings     Settings     Settings     Setting     Settings     Sett					
2000 GHz Ress BW 200.00 kHz 2 Metrics V Occupied Bandwidth 19.005 MH Transmit Freq Error x dB Bandwidth	iz To	Sweep 1.27 ms (1001           assure Trace         Trace 1           al Power         22.6 dBm           of OBW Power         99.00 %						







### 7.3. 6dB Bandwidth Measurement

#### 7.3.1.Test Limit

The minimum 6dBbandwidth shall be at least 500 kHz.

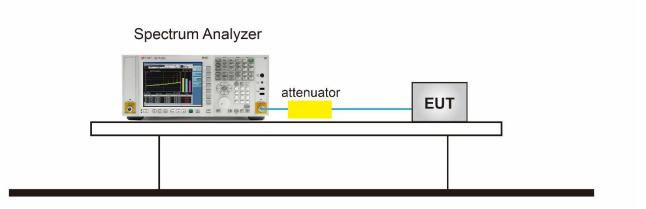
#### 7.3.2.Test Procedure used

KDB 789033 D02v02r01- Section C.2

#### 7.3.3.Test Setting

- 1. Set center frequency to the nominal EUT channel center frequency.
- 2. RBW = 100 kHz.
- 3. VBW 3 × RBW.
- 4. Detector = Peak.
- 5. Trace mode = max hold.
- 6. Sweep = auto couple.
- 7. Allow the trace to stabilize.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

#### 7.3.4.Test Setup

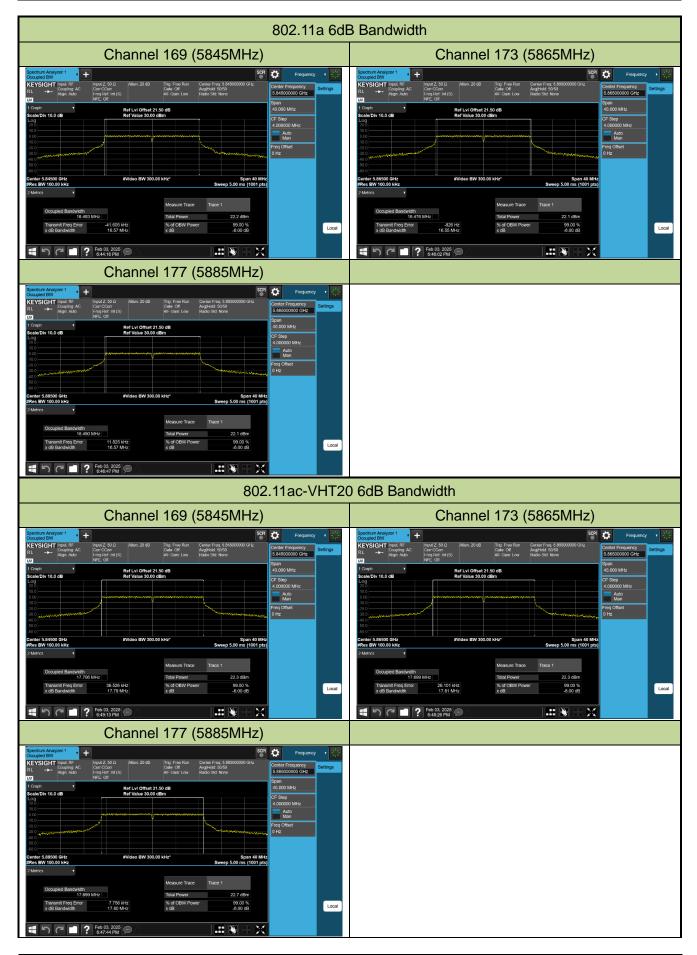




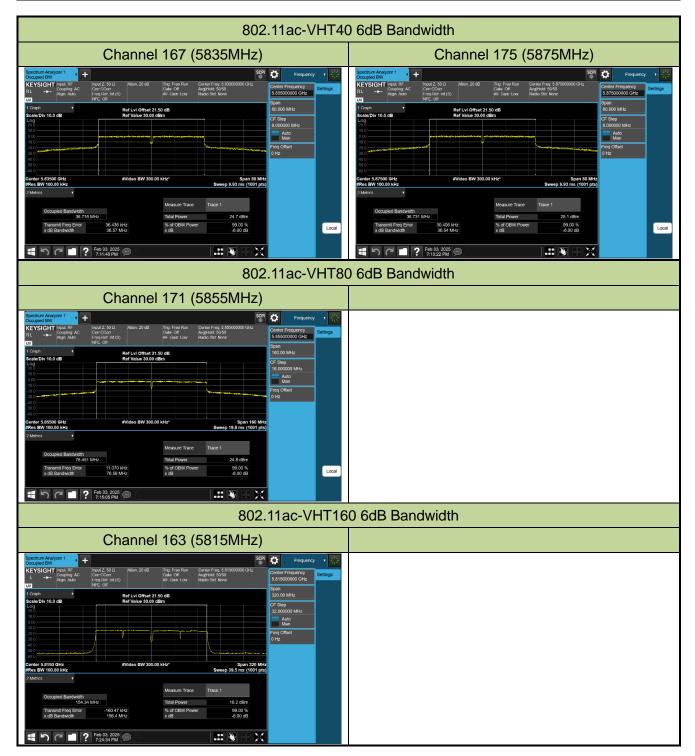
### 7.3.5.TestResult

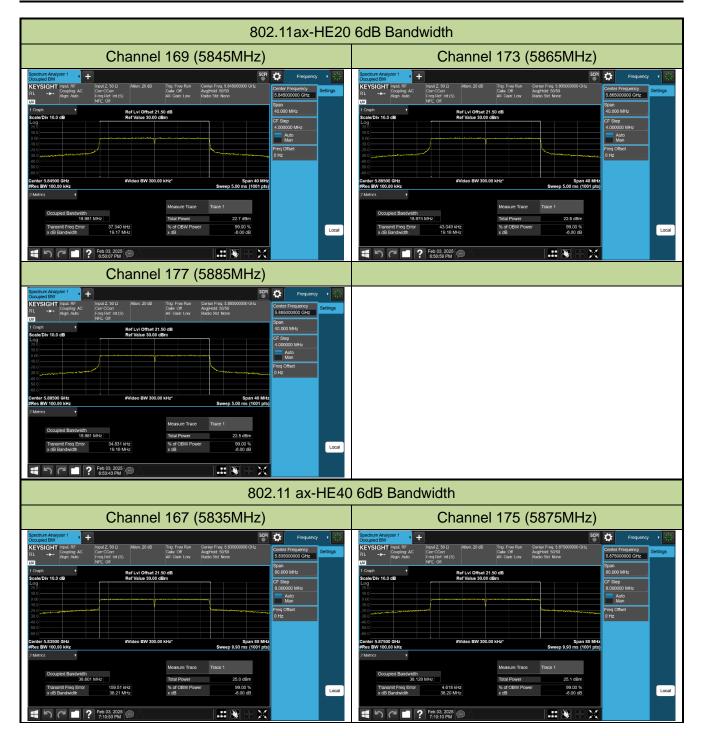
Product	BE3600 Wi-Fi 7 Range Extender	Test Engineer	Marvin
Test Site	SR6	Test Date	2025/2/3

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1						
802.11a	6Mbps	169	5845	16.570	≥ 0.5	Pass
802.11a	6Mbps	173	5865	16.550	≥ 0.5	Pass
802.11a	6Mbps	177	5885	16.570	≥ 0.5	Pass
802.11ac-VHT20	MCS0	169	5845	17.790	≥ 0.5	Pass
802.11ac-VHT20	MCS0	173	5865	17.810	≥ 0.5	Pass
802.11ac-VHT20	MCS0	177	5885	17.800	≥ 0.5	Pass
802.11ac-VHT40	MCS0	167	5835	36.570	≥ 0.5	Pass
802.11ac-VHT40	MCS0	175	5875	36.540	≥ 0.5	Pass
802.11ac-VHT80	MCS0	171	5855	76.580	≥ 0.5	Pass
802.11ac-VHT160	MCS0	163	5815	156.400	≥ 0.5	Pass
802.11ax-HE20	MCS0	169	5845	19.170	≥ 0.5	Pass
802.11ax-HE20	MCS0	173	5865	19.180	≥ 0.5	Pass
802.11ax-HE20	MCS0	177	5885	19.180	≥ 0.5	Pass
802.11ax-HE40	MCS0	167	5835	38.210	≥ 0.5	Pass
802.11ax-HE40	MCS0	175	5875	38.200	≥ 0.5	Pass
802.11ax-HE80	MCS0	171	5855	78.190	≥ 0.5	Pass
802.11ax-HE160	MCS0	163	5815	158.100	≥ 0.5	Pass
802.11be-EHT20	MCS0	169	5845	19.200	≥ 0.5	Pass
802.11be-EHT20	MCS0	173	5865	19.180	≥ 0.5	Pass
802.11be-EHT20	MCS0	177	5885	19.190	≥ 0.5	Pass
802.11be-EHT40	MCS0	167	5835	38.190	≥ 0.5	Pass
802.11be-EHT40	MCS0	175	5875	38.200	≥ 0.5	Pass
802.11be-EHT80	MCS0	171	5855	78.200	≥ 0.5	Pass
802.11be-EHT160	MCS0	163	5815	158.100	≥ 0.5	Pass











802.11 ax-HE80	0 6dB Bandwidth
Channel 171 (5855MHz)	
Sector Distriction Distrindumented Distriction Distriction Distriction District	
Control 5,85500 GHz         #Video BW 300.00 kHz*         Spen 100 MHz           Center 5,85500 GHz         #Video BW 300.00 kHz*         Spen 100 MHz           Center 5,85500 GHz         #Winks         Spen 100 MHz           Concepted Bandwitch         Measure Trace         Trace 1           Coccepted Bandwitch         Measure Trace         24 9 GHz           Tracemit Free Error         5,776 Hz         % of CBW Power         24 9 GHz           Tracemit Free Error         7,16 MHz         % of CBW Power         40 GB           Tracemit Free Error         ?         Peb 03, 202 (10 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	0 6dB Bandwidth
Channel 163 (5815MHz)	
Concerner devirem         Operation of a state of the state of t	



802.11be-EHT20	802.11be-EHT20 6dB Bandwidth								
Channel 169 (5845MHz)	Channel 173 (5865MHz)								
Sportum Analyser 1 Center Frage Bar NEC VSI Center Frage Association (Content 21:50 dB Ref Vsi Offset 21:50 dB Ref Vs	Spectrum Arayyar 1 CEVENIENT COMPARENT OF C								
Transmit Proc Emor         36.000 Mitz         % of OBW Power         99.00 %         Local           x c8 Sandwidh         19.20 Mitz         x d8         -6.00 d8         Local	Yransmit Preg Emor         46.305 M/z         % of CBW Power         99.00 %         Local           x dd Bundwidin         16.06 M/z         x d8         -6.00 x8         Local								
Channel 177 (5885MHz)									
Storm Advisor       Image: All to all t									
802.11be-EHT40	) 6dB Bandwidth								
Channel 167 (5835MHz)	Channel 175 (5875MHz)								
Concernent on Aviorant 1       Image: Aviorant 1	Second Analysis     Image: Second Analys								



	802.	11be-EHT8
Chanr	nel 171 (5855MHz)	
pedirum Anayzer 1         +         Input 2: 50 G1         Allen. 2           LL         +         Cooping 000         Control Control         Allen. 2           Cooping 000         Compton         Compton         Compton         Allen. 2           Cooping 000         Compton         Net. off         Allen. 2           Cooping 000         Compton         Ref Lvi 0         Ref Lvi 0           Cooping 000         Ref Lvi 0         Ref Lvi 0         Ref Lvi 0	20 dB Cittle Front Rum Contract Front & 50000000 GHz Cittle Cittl	Frequency         Exclusion           Center Frequency         Settings           Settings         Settings           Span         160.00 MHz           SF Step         Settings
2010		Auto Muto Man Preq Offset 0 Hz
Rec BV 100.00 kHz           2 Matrics           Cocupied Bandwidth 77.561 MHz           Transmit Free Error           9.000 HHz           x dB Bandwidth 76.20 MHz           76.20 MHz           76.20 MHz           77.61 Mit 2           77.62 MHz           76.20 MHz           76.20 MHz           77.62 MHz           77.63 MHz           76.20 MHz           77.64 Mit 2           77.65 Mit 2           77.65 Mit 2           77.65 Mit 2	Sweep 19.8 ms (1001 pts) Measure Trace 1 Total Power 24.8 dBm % of OBW Power 69.00 % x dB 40.0 B	Local
		1be-EHT16
	nel 163 (5815MHz)	
	20 46 This Free Run Converting 5.01500000 GHz Converting Track 5.01500000 GHz Converting 7.00 GHz Converti	Ercquency         Excting           Control Frequency         Secting           Span         Secting           320000 MHz         Secting           2200000 MHz         Secting           Radio         Radio           Radio         Secting           Auto         Secting           Auto         Secting



### 7.4. Output Power Measurement

#### 7.4.1.Test Limit

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.

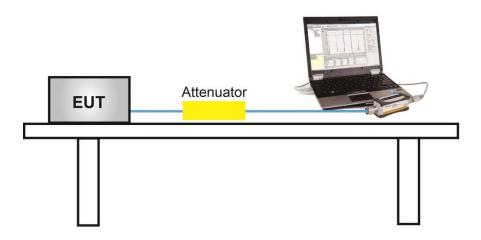
#### 7.4.2.Test Procedure Used

KDB 789033D02v02r01- Section E)3)b) Method PM-G

#### 7.4.3.Test Setting

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.

#### 7.4.4.Test Setup





### 7.4.5.Test Result

Product	BE3600 Wi-Fi 7 Range Extender	Test Engineer	Jung
Test Site	SR6	Test Date	2025/1/23
Test Mode	CDD Mode		

Test Mode	Data Rate	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant Gain (dBi)	EIRP Power (dBm)	EIRP Limit (dBm)	Result
11a	6Mbps	169	5845	21.25	22.76	3.00	28.08	≤ 36.00	Pass
11a	6Mbps	173	5865	21.33	22.74	3.00	28.10	≤ 36.00	Pass
11a	6Mbps	177	5885	21.29	22.68	3.00	28.05	≤ 36.00	Pass
11ac-VHT20	MCS0	169	5845	21.36	22.61	3.00	28.04	≤ 36.00	Pass
11ac-VHT20	MCS0	173	5865	21.22	22.64	3.00	28.00	≤ 36.00	Pass
11ac-VHT20	MCS0	177	5885	21.79	22.98	3.00	28.44	≤ 36.00	Pass
11ac-VHT40	MCS0	167	5835	24.28	25.73	3.00	31.08	≤ 36.00	Pass
11ac-VHT40	MCS0	175	5875	24.41	25.88	3.00	31.22	≤ 36.00	Pass
11ac-VHT80	MCS0	171	5855	24.35	25.79	3.00	31.14	≤ 36.00	Pass
11ac-VHT160	MCS0	163	5815	15.62	16.54	3.00	22.11	≤ 36.00	Pass
11ax-HE20	MCS0	169	5845	21.89	23.15	3.00	28.58	≤ 36.00	Pass
11ax-HE20	MCS0	173	5865	21.63	23.01	3.00	28.38	≤ 36.00	Pass
11ax-HE20	MCS0	177	5885	21.44	22.91	3.00	28.25	≤ 36.00	Pass
11ax-HE40	MCS0	167	5835	24.46	25.89	3.00	31.24	≤ 36.00	Pass
11ax-HE40	MCS0	175	5875	24.38	25.71	3.00	31.11	≤ 36.00	Pass
11ax-HE80	MCS0	171	5855	24.34	25.65	3.00	31.05	≤ 36.00	Pass
11ax-HE160	MCS0	163	5815	18.54	19.35	3.00	24.97	≤ 36.00	Pass
11be-EHT20	MCS0	169	5845	21.72	22.96	3.00	28.39	≤ 36.00	Pass
11be-EHT20	MCS0	173	5865	21.63	22.92	3.00	28.33	≤ 36.00	Pass
11be-EHT20	MCS0	177	5885	21.61	22.93	3.00	28.33	≤ 36.00	Pass
11be-EHT40	MCS0	167	5835	24.43	25.67	3.00	31.10	≤ 36.00	Pass
11be-EHT40	MCS0	175	5875	24.25	25.64	3.00	31.01	≤ 36.00	Pass
11be-EHT80	MCS0	171	5855	24.27	25.66	3.00	31.03	≤ 36.00	Pass
11be-EHT160	MCS0	163	5815	18.10	19.07	3.00	24.62	≤ 36.00	Pass

Note 1: The Total Average Power (dBm) =  $10^{\text{Average Power /10}} + 10^{(\text{Ant 1 Average Power /10})}$ .



### 7.5. Power Spectral Density Measurement

#### 7.5.1.Test Limit

For an indoor access point operating in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1-megahertz band.

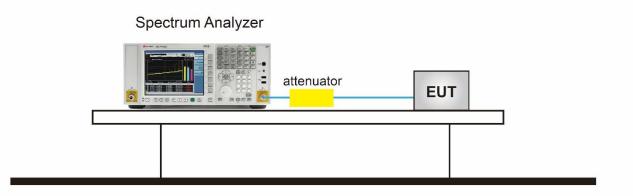
#### 7.5.2.Test Procedure Used

KDB 789033 D02v02r01-SectionF

#### 7.5.3.Test Setting

- 1. Analyzer was set to the center frequency of the UNII channel under investigation
- 2. Span was set to encompass the entire 26dB EBW of the signal.
- 3. RBW = 1MHz
- 4. VBW = 3MHz
- 5. Number of sweep points  $\geq$  2 × (span / RBW)
- 6. Detector = power averaging (Average)
- 7. Sweep time = auto
- 8. Trigger = free run
- 9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
- 10. Add 10\*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10\*log(1/0.25) = 6 dB if the duty cycle is 25 percent.

#### 7.5.4.Test Setup





#### 7.5.5.Test Result

Product	BE3600 Wi-Fi 7 Range Extender	Test Engineer Marvin			
Test Site	SR6	Test Date	2025/1/23~2025/2/3		
Mode	Power Spectral Density (U-NII- 4) CDD Mode				

Test Mode	Data Rate	Ch. No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Ant Gain (dBi)	Total PSD (dBm/ MHz)	Limit (dBm/ MHz)	Result
11a	6Mbps	169	5845	9.419	11.193	95.67%	6.01	19.609	≤20.00	Pass
11a	6Mbps	173	5865	9.668	11.553	95.67%	6.01	19.925	≤20.00	Pass
11a	6Mbps	177	5885	9.894	11.213	95.67%	6.01	19.816	≤20.00	Pass
11ac-VHT20	MCS0	169	5845	9.564	11.335	98.28%	6.01	19.635	≤20.00	Pass
11ac-VHT20	MCS0	173	5865	9.547	11.138	98.28%	6.01	19.511	≤20.00	Pass
11ac-VHT20	MCS0	177	5885	10.053	11.419	98.28%	6.01	19.885	≤20.00	Pass
11ac-VHT40	MCS0	167	5835	9.262	10.486	97.60%	6.01	19.043	≤20.00	Pass
11ac-VHT40	MCS0	175	5875	9.488	11.047	97.60%	6.01	19.463	≤20.00	Pass
11ac-VHT80	MCS0	171	5855	6.685	7.658	97.07%	6.01	16.348	≤20.00	Pass
11ac-VHT160	MCS0	163	5815	-4.828	-3.669	95.48%	6.01	5.012	≤20.00	Pass
11ax-HE20	MCS0	169	5845	9.914	11.222	97.77%	6.01	19.735	≤20.00	Pass
11ax-HE20	MCS0	173	5865	9.779	11.156	97.77%	6.01	19.640	≤20.00	Pass
11ax-HE20	MCS0	177	5885	9.582	11.377	97.01%	6.01	19.724	≤20.00	Pass
11ax-HE40	MCS0	167	5835	9.321	10.726	97.01%	6.01	19.233	≤20.00	Pass
11ax-HE40	MCS0	175	5875	9.649	10.729	97.01%	6.01	19.375	≤20.00	Pass
11ax-HE80	MCS0	171	5855	6.433	7.658	95.93%	6.01	16.289	≤20.00	Pass
11ax-VHT160	MCS0	163	5815	-2.026	-1.023	94.73%	6.01	7.760	≤20.00	Pass
11be-EHT20	MCS0	169	5845	9.723	11.072	97.43%	6.01	19.583	≤20.00	Pass
11be-EHT20	MCS0	173	5865	9.809	11.696	97.43%	6.01	19.988	≤20.00	Pass
11be-EHT20	MCS0	177	5885	9.669	11.020	97.43%	6.01	19.530	≤20.00	Pass
11be-EHT40	MCS0	167	5835	9.120	10.503	97.13%	6.01	19.013	≤20.00	Pass
11be-EHT40	MCS0	175	5875	9.450	10.603	97.13%	6.01	19.212	≤20.00	Pass
11be-EHT80	MCS0	171	5855	6.607	7.923	95.81%	6.01	16.521	≤20.00	Pass
11be-EHT160	MCS0	163	5815	-2.029	-1.046	95.36%	6.01	7.717	≤20.00	Pass

Note 1: The total PSD (dBm/MHz) =  $10^{\log \left\{10^{(Ant \ 0 \ PSD/10)} + 10^{(Ant \ 1 \ PSD/10)}\right\}} + 10^{\log (1/Duty \ Cycle)}$  (dBm/MHz). Note 2: EIRP PSD (dBm/MHz) = Total PSD (dBm/MHz) + Antenna Gain (dBi).

Note 3: For Channels span the 5.725-5.850 GHz and 5.850-5.895 GHz bands, we record the maximum level of 5.725-5.850 GHz and 5.850-5.895 GHz with RBW=1MHz, and the level complied with the 5.850-5.895 GHz EIRP PSD Limit.



