



FCC RADIO TEST REPORT

FCC ID	: 2AG7G-G1A		
Equipment	:	Plume Adaptive WiFi	
Brand Name	:	Plume Design Inc	
Model Name	:	G1A	
Applicant	:	Plume Design Inc 325 Lytton Ave., Palo Alto, CA 94301	
Manufacturer	:	Plume Design Inc 325 Lytton Ave., Palo Alto, CA 94301	
Standard	:	FCC PART 15 Subpart C §15.247	

The product was received on Mar. 23, 2021 and testing was started from Apr. 19, 2021 and completed on Jul. 01, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu Sporton International Inc. EMC & Wireless Communications Laboratory No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



Table of Contents

His	tory o	f this test report	.3
Su	mmary	/ of Test Result	.4
1	Gene	ral Description	.5
	1.1	Product Feature of Equipment Under Test	.5
	1.2	Modification of EUT	.5
	1.3	Testing Location	.6
	1.4	Applicable Standards	.6
2	Test	Configuration of Equipment Under Test	.7
	2.1	Carrier Frequency and Channel	.7
	2.2	Test Mode	.8
	2.3	Connection Diagram of Test System	10
	2.4	Support Unit used in test configuration and system	10
	2.5	EUT Operation Test Setup	11
	2.6	Measurement Results Explanation Example	11
3	Test	Result	12
	3.1	6dB and 99% Bandwidth Measurement	12
	3.2	Output Power Measurement	15
	3.3	Power Spectral Density Measurement	16
	3.4	Conducted Band Edges and Spurious Emission Measurement	21
	3.5	Radiated Band Edges and Spurious Emission Measurement	70
	3.6	AC Conducted Emission Measurement	75
	3.7	Antenna Requirements	77
4	List c	of Measuring Equipment	79
5	Unce	rtainty of Evaluation	80
Ар	pendix	A. Conducted Test Results	
Ар	pendix	B. AC Conducted Emission Test Result	
Ар	pendix	c C. Radiated Spurious Emission	
Ар	pendix	c D. Radiated Spurious Emission Plots	
Ар	pendix	c E. Duty Cycle Plots	

Appendix F. Setup Photographs



History of this test report

Report No.	Version	Description	Issued Date
FR111911B	01	Initial issue of report	Jul. 21, 2021



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(2)	6dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.247(b)	Power Output Measurement	Pass	-
3.3	15.247(e)	Power Spectral Density	Pass	-
2.4		Conducted Band Edges	Pass	-
3.4	15.247(d)	Conducted Spurious Emission	Pass	-
3.5	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	Under limit 1.16 dB at 2389.800 MHz
3.6	15.207	AC Conducted Emission	Pass	Under limit 12.75 dB at 0.605 MHz
3.7	15.203 & 15.247(b)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Keven Cheng Report Producer: Cindy Liu

TEL : 886-3-327-3456	Page Number	: 4 of 80
FAX : 886-3-328-4978	Issued Date	: Jul. 21, 2021
Report Template No.: BU5-FR15CWLAC MA Version 2.4	Report Version	: 01



1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax.

Product Specification subjective to this standard			
	WLAN		
	<2400 MHz ~ 248	33.5 MHz>	
	<ant. 1="">: IFA Ante</ant.>	enna	
	<ant. 2="">: IFA Ante</ant.>	enna	
	<5180 MHz ~ 532	20 MHz>	
	<ant. 1="">: IFA Ante</ant.>	enna	
Antenna Type	<ant. 2="">: IFA Ante</ant.>	enna	
	<ant. 3="">: IFA Ante</ant.>	<ant. 3="">: IFA Antenna</ant.>	
	<ant. 4="">: IFA Antenna</ant.>		
	<5500 MHz ~ 582	<5500 MHz ~ 5825 MHz>	
	<ant. 1="">: IFA Antenna</ant.>		
	<ant. 2="">: IFA Ante</ant.>	<ant. 2="">: IFA Antenna</ant.>	
	Bluetooth - LE: IFA Antenna		
Antenna information			
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	Ant. 1: 3.5	
2400 WH 12 ~ 2403.3 WH 12		Ant. 2: 2.7	

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No. TH02-HY, CO05-HY	

Note: The test site complies with ANSI C63.4 2014 requirement.

Sporton International Inc. Wensan Laboratory		
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855		
Sporton Site No.		
O3CH16-HY (TAF Code: 3786) Remark: The Radiated Spurious Emission test item subcontracted to Sporte International Inc. Wensan Laboratory		

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.
- 3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). The measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Y plane as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
	1	2412	7	2442
2400-2483.5 MHz	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437		

TEL: 886-3-327-3456	Page Number	: 7 of 80
FAX : 886-3-328-4978	Issued Date	: Jul. 21, 2021
Report Template No.: BU5-FR15CWL AC MA Version 2.4	Report Version	: 01



2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Single Mode

Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0

MIMO Mode

Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0

TXBF Mode

Modulation	Data Rate
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0



Test Cases			
AC	Mode 1 : WLAN (2.4GHz) Link + Bluetooth - LE Link + Lan 1 Link + Lan 2 Link +		
Conducted	Adapter		
Emission	Adapter		

<CDD Mode>

Ch. #	2400-2483.5 MHz			
Cn. #	802.11b	802.11g	802.11ax HE20	802.11ax HE40
Low	01	01	01	03
Middle	06	06	06	06
High	11	11	11	09

<TXBF Mode>

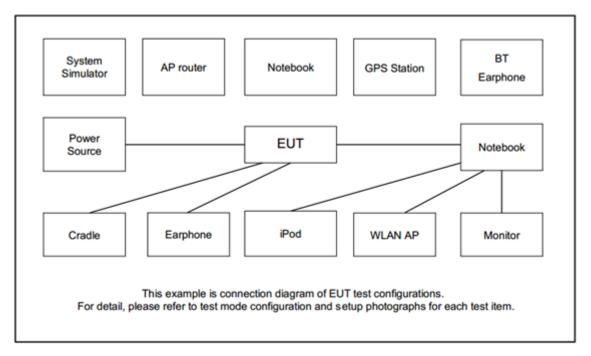
Ch. #	2400-248	33.5 MHz
Cn. #	802.11ax HE20	802.11ax HE40
Low	01	03
Middle	06	06
High	11	09

Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

TEL : 886-3-327-3456	Page Number	: 9 of 80
FAX : 886-3-328-4978	Issued Date	: Jul. 21, 2021
Report Template No.: BU5-FR15CWL AC MA Version 2.4	Report Version	: 01



2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

ltem	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Phone	SAMSUNG	SM-A730F/DS	A3LSMA730F	N/A	N/A
2.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	Dell	Latitude 5480	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	PC	msi	9461NGW	PD99461NG	N/A	Unshielded, 1.8m
5.	RJ-45 Cable	N/A	N/A	N/A	Unshielded, 1.5 m	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "accessMTool_REL_3_1_0_1" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The "Putty_Release 0.62" software tool was used to enable the EUT to transmit signals continuously.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).= 4.2 + 10 = 14.2 (dB)



3 **Test Result**

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

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

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

- The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW). 1.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- Set the maximum power setting and enable the EUT to transmit continuously. 3.
- 4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
- For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 5. 1-5% of the emission bandwidth and set the Video bandwidth (VBW) \ge 3 * RBW.
- 6. Measure and record the results in the test report.

3.1.4 Test Setup



EUT

Spectrum Analyzer



3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.

<CDD Mode>



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax Mode>

Minimum 6dB Bandwidth	Maximum 99% Occupied Bandwidth
Spectrum 🕎	Spectrum
RefLevel 30.00 dBm Offset 23.90 dB RBW 100 kHz Att 20 dB SWT 1.1 ms VBW 300 kHz Mode Sweep	RefLevel 20.00 dBm Offset 23.90 dB RBW 1 MHz Att 20 dB SWT 1 ms VBW 3 MHz Mode Sweep
1Pk Max	Isa Max
20 dBm 02[1] 0.22 dl 18.6139 MH 22 dBm 2.4029090 GH	10 dBm 0 dBm
10 dBm 01, 9, 880 dBm 01, 9, 880 dBm 04, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	
-10 dBm	-20 dem
-20 d8m	-40 d8m
-40 dBm	-60 dBm
-50 dBm	CF 2.437 GHz 1001 pts Span 100.0 MHz
-60 dBm	Marker Type Ref Trc X-value Y-value Function Function Result
	Type Ref Trc X-Value Function Function M1 1 2.44229 GHz 18.16 dBm T1 1 2.41219 GHz 10.99 dBm Occ Bw 37.762237762 MHz
CF 2.412 GHz 1001 pts Span 25.0 MHz	T2 1 2.4558811 GHz 10.59 dBm
Measuring	
Date: 31.MAY.2021 12:27:01	Date: 31.MAY.2021 15:31:53

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



<TXBF Modes>

Minimum 6dB Bandwidth	Maximum 99% Occupied Bandwidth
Spectrum Image: Constraint of the second seco	Spectrum Image: Constraint of the section
• IPK Max MI[1] 5.94 dBm 20 dBm -0.09 dB -0.09 dB 10 dBm -111.790 dBm 14.4000 MHz -10 dBm -10.00 dB -10.00 dB -20 dBm -10.00 dB -10.00 dB -20 dBm -10.00 dB -10.00 dB	• ISa Max M1[1] 19-40 dbn 20 dbm M1 2.4479900 CH 10 dbm 71.647.04 37.862137862 MH 0 dbm 0 0 0 dbm 0 0 -10 dbm 0 0 -20 dbm 0 0 -10 dbm 0 0 -30 dbm 0 0 -40 dbm 0 0
-50 dBm	CF 2.437 GHz 1001 pts Span 100.0 MHz Marker Type Ref Trc X-value Y-value Function Min 1 2.44799 GHz 19.48 dBm Function Result T1 1 2.4418189 GHz 13.31 dBm Occ Bw 37.862137862 MHz
CF 2.462 GHz 1001 pts Span 20.0 MHz Date: 1.JUL.2021 20:16:34 Measuring Measuring	T2 1 2.455981 GHz 12.37 dBm Occ BW 51.00137002 MHz Date: 1.0UL.2021 21:09:01 Message Message Message

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5 MHz, the limit for output power is 30 dBm. If transmitting antenna with directional gain greater than 6 dBi is used, the output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

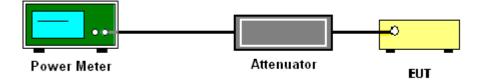
3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

- 1. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
- 2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set the maximum power setting and enable the EUT to transmit continuously.
- 4. Measure the conducted output power and record the results in the test report.
- 5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.2.4 Test Setup



3.2.5 Test Result of Average Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band at any time interval of continuous transmission.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

Method AVGPSD-3

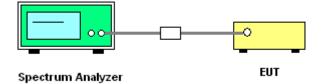
- 1. The testing follows the ANSI C63.10 Section 11.10.7 Method AVGPSD-3.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set the maximum power setting and enable the EUT to transmit continuously.
- Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 10 kHz.
 Video bandwidth VBW = 30 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW).
- Number of points in sweep ≥ 2 Span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins).
- 6. Detector = RMS, Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
- 9. Measure and record the results in the test report.
- 10. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (c): Measure and add 10 log(N_{ANT}) dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 $log(N_{ANT})$ dB is added to each spectrum value before comparing to the emission limit. The addition of 10 $log(N_{ANT})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit .



3.3.4 Test Setup

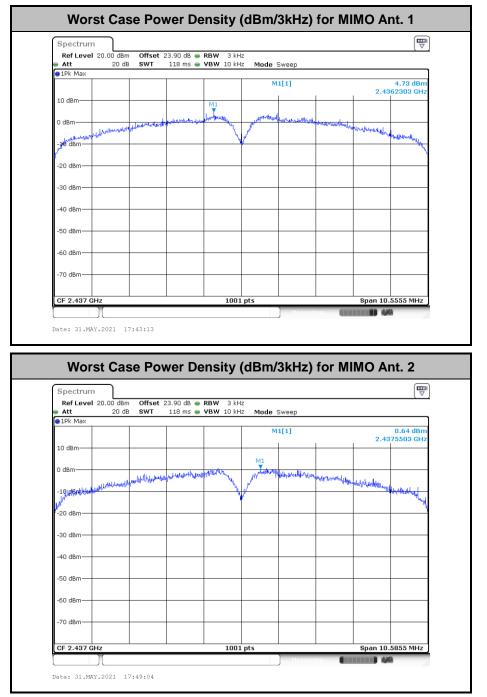




3.3.5 Test Result of Power Spectral Density

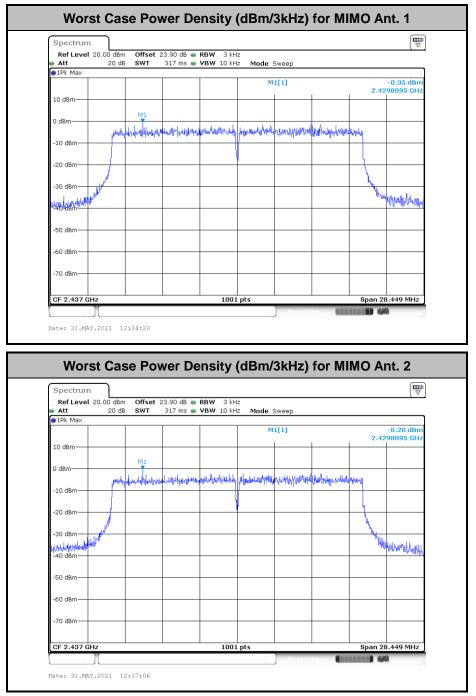
Please refer to Appendix A.

<CDD Modes>



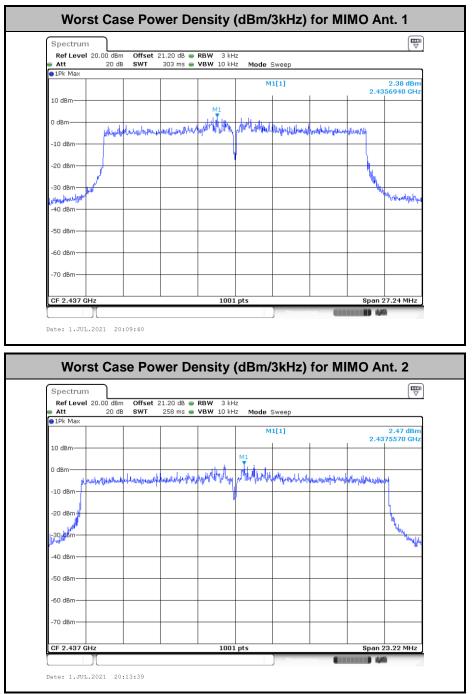


<802.11ax Mode>





<TXBF Modes>



3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

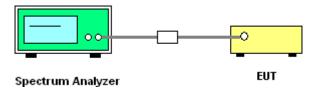
3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

- 1. The testing follows the ANSI C63.10 Section 11.11.3 Emission level measurement
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set the maximum power setting and enable the EUT to transmit continuously.
- 4. Set RBW = 100 kHz, VBW = 300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
- 5. Measure and record the results in the test report.
- 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup





3.4.5 Test Result of Conducted Band Edges and Spurious Emission

<CDD Mode>

Test Engineer : Eason Huang	Temperature :	21~25 ℃
	Relative Humidity :	51~54%

Number of TX = 1, Ant. 1 (Measured)

Test Mode :	802.11b	Test Channel :	: 01
100	kHz PSD reference Level		Channel Plot
Spectrum Ref Level 20.00 dBm Att 20 dB PJPk Max 10 dBm 9 dBm -10 dBm -20 dB -30 dBm -60 dBm -70 dBm -70 dBm -20 dBm -30 dBm -30 dBm -10 dBm -20 dBm -30 dBm -50 dBm -70 dBm	23,90 db • RBW 100 kHz 1.1 ms • VBW 300 kHz Mode Sweep	Spectrum Ref Level 20.00 dBm Offset 16.13 dBm Image: Spectrum 2.4125180 GHz Image: Spectrum 0 dBm Image: Spectrum 10 dBm Image: Spectrum 10 dBm Image: Spectrum 10 dBm Image: Spectrum 10 dBm Image: Spectrum 20 dBm Image: Spectrum -10 dBm Image: Spectrum -20 dBm Image: Spectrum -30 dBm Image: Spectrum -60 dBm Image: Spectrum -70 dBm Image: Spectrum Spectrum Image: Spectrum Spectrum Image: Spectrum -70 dBm Image: Spectrum Spectrum Image: Spectrum -70 dBm Image: Spectrum Date: Image: Spectrum	t 23.90 db @ RBW 100 IH2 8 ms @ VBW 300 IH2 Mode Sweep MI[1] -38.49 dbm 2.3979840 GH2 MI[1] -38.49 dbm 2.3979840 GH2
Spuri	ous Emission 30MHz~3GH	Iz Spuri	ous Emission 2GHz~25GHz
Spectrum Ref Level 20.00 dBm Att 10 dB 9 TPk View 10 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -20 dBm -30 dBm -30 dBm -10 dBm -30 dBm -30 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm -10 dBm -20 dBm -30 dBm -30 dBm -20 dBm -30 dBm <th>23.90 dB • RBW 100 kHz 29.7 ms • VBW 300 kHz Mode Sweep M1[1] M2[1]</th> <th>Image: Constraint of the sector of</th> <th>t 23.90 db @ RBW 100 bHz 230 ms @ VBW 300 kHz M1[1] 13.31 dBm 2.390 db @ RBW 300 kHz M1[1] 13.31 dBm 2.900 db @ RBW 300 kHz M0de Sweep</th>	23.90 dB • RBW 100 kHz 29.7 ms • VBW 300 kHz Mode Sweep M1[1] M2[1]	Image: Constraint of the sector of	t 23.90 db @ RBW 100 bHz 230 ms @ VBW 300 kHz M1[1] 13.31 dBm 2.390 db @ RBW 300 kHz M1[1] 13.31 dBm 2.900 db @ RBW 300 kHz M0de Sweep

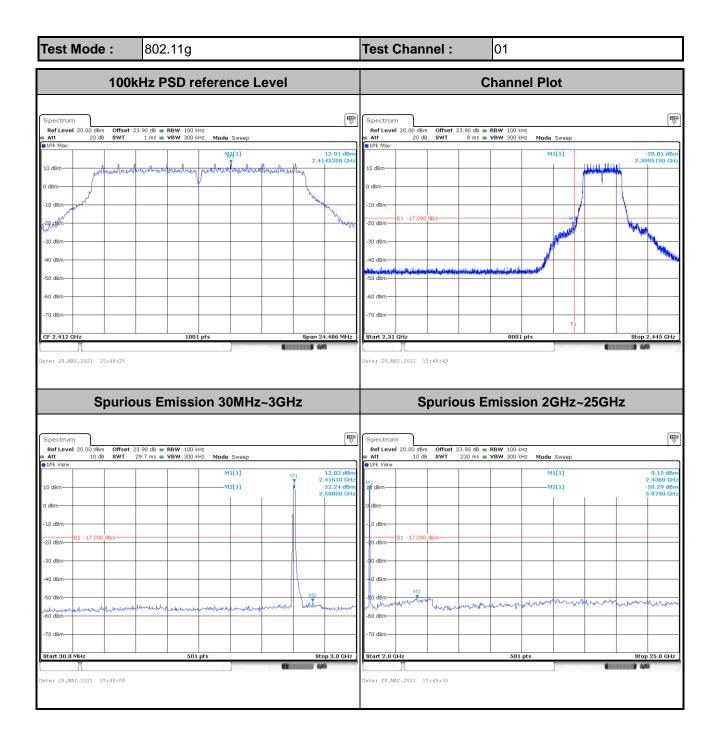


Test Mode :	802.11b		Test Channel : 06	
100kHz PSD reference Level		Channel Plot		
Spectrum Ref Level 20.00 dBm Offset Att 20 dB SWT 10 dBm 0ffset 0 dBm 0fBm 0fBm 0ffset 0 dBm 0fBm 0fBm 0fBm 0fBm 0fBm 0fBm 0fBm 0f	23.90 dB @ RBW 100 kHz 1.1 ms @ VBW 300 kHz Mode Sweep	16.87 dbm 2.4365133 GHz 9		
Spurio	ous Emission 30MHz~3	GHz	Spurious Emission 2GHz~250	GHz
	23.90 dB • RBW 100 kHz 29.7 ms • VBW 300 kHz Mode Sweep		Spectrum Ref Level 20.00 dBm Offset 23.90 dB RBW 100 kHz Att 10 dB SWT 230 ms VBW 300 kHz Mode Sweep Difk FW rev Sweep Sweep	
10 dBm 0 dBm 0 -10 dBm	501 pts	15.26 dBm M1 2.43980 GHz -54.62 dBm 1.90030 GHz	Mi MI[1] 1D dBm M2[1] 0 dBm M2[1] 0 dBm M2[1] 20 dBm M2[1] 0 dBm M2 50 dBm M2 -0 dBm M2 -0 dBm M2 -0 dBm M2 -70 dBm M2 -70 dBm M2 -70 dBm M2 -70 dBm M2 Start 2.0 GHz 501 pts	13.69 dBm 2.4360 dHz -49.87 dBm 6.9350 GHz
hate: 31.MAY.2021 16:47:38	a de Antra	C	Date: 31.MAY.2021 16:47:56	(11)111111 (A)40



Test Mode :	802.11b	Test	Channel :	11	
100	kHz PSD reference Leve	I	C	hannel Plot	
Spectrum Ref Level 20.0 dBm Offset Att 20.8 SWT SWT ID dBm	23.90 dB • RBW 100 kHz 1.1 ms • VBW 300 kHz Mode Sweep	15.98 dBm 2.4622000 CHz 0 dBm - <t< th=""><th>DI 20.00 dBm Offset 23.90 dB 20.00 dBm Offset 23.90 dB 50 000 dBm 0000 dBm 00000 dBm 0000 dBm 00000 dBm 0000 dBm 00000 dBm 0000000000</th><th>VBW 300 kHz Mode Sweep</th><th></th></t<>	DI 20.00 dBm Offset 23.90 dB 20.00 dBm Offset 23.90 dB 50 000 dBm 0000 dBm 00000 dBm 0000 dBm 00000 dBm 0000 dBm 00000 dBm 0000000000	VBW 300 kHz Mode Sweep	
Spectrum	ous Emission 30MHz~3G	(₩) Spectru	m	mission 2GHz~25	GHz ₩
Ref Level 20.00 dBm Offset Att 10 dB SWT 1Pk View	23.90 dB RBW 100 kHz 29.7 ms VBW 300 kHz	Ref Levi Att P1Pk View	el 20.00 dBm Offset 23.90 dB 👄 1 10 dB SWT 230 ms 👄 1	RBW 100 kHz VBW 300 kHz Mode Sweep	
10 dBm		M1 13.50 dBm -54.40 dBm 1.66320 GHz 0 dBm -20 dBm	01 -14.020 dBm-		15.73 dBm 2.4020 GHz - 504.53 dBm 6.9350 GHz
-70 dBm	501 pts	Stop 3.0 GHz -70 dBm- Stop 3.0 GHz Start 2.0 Date: 31.0 Date: 31.0	GHz J MAY.2021 16:59:36	501 pts	Stop 25.0 GHz

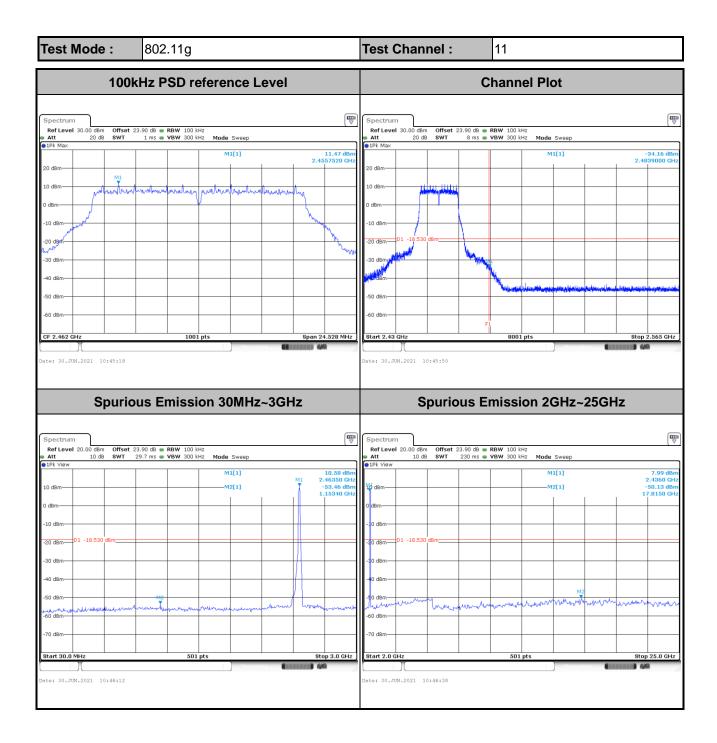






Test Mode :	802.11g	Test Channel : 06	
100kł	Hz PSD reference Level	Channel Plot	
Spectrum Ref Level 30.00 dbm Offset 23. 10 dbm 20 db SVT 10 dbm	90 dB @ RBW 100 kH2 Mode Sweep 1 ms @ VBW 300 kH2 Mode Sweep 1 ms @ VBW 300 kH2 Mode Sweep		
Spuriou	IS Emission 30MHz~3GHz	Spurious Emission 2GH	z~25GHz
Spectrum Ref Level 20.00 dBm Offset 23. Att 10 dB SWT 29 IPk View Interview 10 dBm 10 dBm Interview Interview 10 dBm Interview Interview 10 dBm Interview Interview -10 dBm Interview Interview -20 dBm Interview Interview -30 dBm Interview Interview -60 dBm Interview Interview -70 dBm Interview Interview Btart 30.0 MHz Interview Interview	90 db @ RBW 100 kHz .7 m5 @ VBW 300 kHz M1[1] 10.91 dBm M2[1] 10.91 dBm M2[1] 2.44570 dHz .50 pts Stop 3.0 CHz	Mef Level 20.00 dbm Offset 23.90 db BBW 100 kHz Att 10 db SWT 230 ms VBW 300 kHz Mode Sweet IPk View Mil M1[1] M1[1] M1[1] M1[1] ID dbm M0 dbm M2[1] M0 dbm M2[1] M1[1] 0 dbm 01 -16.180 dbm M1 M1 M1 M1 M2 -10 dbm M1 M1 M1 M1 M2 M2<	ی پ 10.56 dBm 2.4360 GHz -48.15 dBm 6.1090 GHz -48.15 dBm -4.15





r : 27 of 80 : Jul. 21, 2021 on : 01



Test Mode : 802.11ax HE20	Test Channel : 01 Full RU
100kHz PSD reference Level	Channel Plot
Spectrum Image: Constraint of the constraint	Spectrum P Ref Level 20.00 dBm Offset 23.00 dB EBW 100 kHz Att 20 dB SWT B ms VBW 300 kHz Mode Sweep ID dBm -20.25 dBm -20.25 dBm -20.25 dBm -20.25 dBm 0 dBm -10 dBm -10.11 -20.25 dBm -20.25 dBm -20 dBm -20.25 dBm -20.25 dBm -20.25 dBm -20 dBm -10.11 -20.25 dBm -20.25 dBm -10 dBm -10.11 -20.25 dBm -20.25 dBm -20 dBm -17.560 dBm -40 dBm -40 dBm -30 dBm -50 dBm -50 dBm -50 dBm -50 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -70 dBm -20.25 dBm -50 dBm
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Spectrum Image: Constraint of the system Image: Constand of the system	Spectrum []] Ref Level 20.00 dBm Offset 23.90 dB ● RBW 100 kHz ★ Att 10 dB SWT 230 ms ● VBW 300 kHz
IPk View M1[1] 11.45 dBm M2[1] M1 2.41010 0Hz S3.30 dBm 1.68100 0Hz O dBm O dBm	• IPL View MI[1] 10.03 dBm 2.3900 dHz 70 dBm • M2[1] • 49.42 dBm • 5.7420 GHz • 6 dBm • 0 dBm • 0 dBm • 0 1-17.560 dBm • 0 01 • 17.560 dBm • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 01 • 17.560 • 0 • 01



100kHz PSD reference Level	
	Channel Plot
Spectrum W Ref Level 20.00 dbm Offset 23.90 db RBW 100 kHz Att 20 db SWT 1.1 ms VBW 300 kHz Mode Sweep	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Spectrum Image: Constraint of the second secon	Spectrum W Ref Level 20.00 dBm Offset 23.90 dB @ RBW 100 kHz Att 10 dB 10 dB WI 230 ms @ VBW 300 kHz MI 12.83 dBm 10 dBm M1[1] 2.4360 dBm 0 dBm M2[1] -0 dBm -0 dBm -0 dBm -0 dBm



Test Mode : 802.11ax HE20	Test Channel : 11 Full RU
100kHz PSD reference Level	Channel Plot
Spectrum Image: Spectrum Ref Level 20.00 dBm Offset 23.90 dB = RBW 100 kHz Att 20 dB IPK Max B.05 dBm ID dBm M1 0 dBm M1 10 dBm M1 -20 dBm M1 -20 dBm M1 -50 dBm M1 -50 dBm M1 -70 dBm M1 <t< th=""><th>Spectrum Image: Construction of first 23:00 dB m B m B m B m B m B m B m B m B m B</th></t<>	Spectrum Image: Construction of first 23:00 dB m B m B m B m B m B m B m B m B m B
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Spectrum Image: Constraint of the second secon	Spectrum Image: Constraint of the second secon



Test Mode : 802.11ax HE40	Test Channel : 03 Full RU
100kHz PSD reference Level	Channel Plot
Spectrum Image: Spectrum Ref Level 20.00 dBm Offset 23.90 dB • RBW 100 kHz Att 20 dB • WT 1.1 ms • VBW 300 kHz Max 7.73 dBm 0 dBm 11 0 dBm 11 0 dBm 11 -10 dBm -10 -20 dBm -10 -30 dBm -10 -30 dBm -10 -70 dBm -10 -20 dBm -10 -30 dBm	Spectrum W Ref Level 20.00 dBm Offset 23.90 dB @ RBW 100 kHz 10 dBm 30 dB 10 dBm
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Spectrum Image: Constraint of the second secon	Spectrum Image: Constraint of the second secon



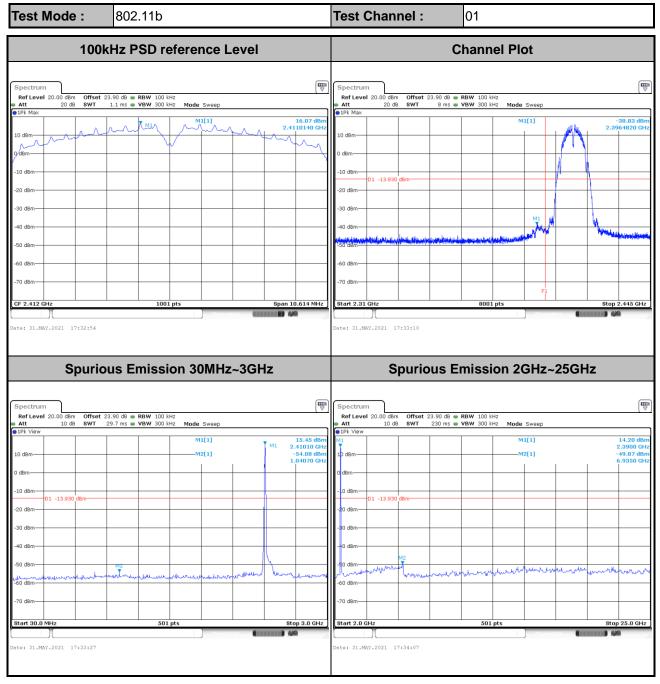
IOOkHz PSD reference Level Spectrum Ref Level 20.00 dBm Offset 23.90 dB & RBW 100 kHz Att 20 dB SWT 1.1 ms VBW 300 kHz Mode Sweep © IPK Max M1[1] 9.24 dBm 0 dBm M1 9.24 dBm 10 dBm M1 9.24 dBm -10 dBm M1 9.24 dBm -20 dBm M1 9.24 dBm -30 dBm M1 9.24 dBm -10 dBm -10 dBm -10 dBm -30 dBm -10 dBm -10 dBm -30 dBm -10 dBm -10 dBm -10 dBm -10 dBm -10 dBm -20 dBm -10 dBm -10 dBm -30 dBm -10 dB	Channel Plot
Ref Level 20.00 dB Offset 23.90 dB # RBW 100 kHz • Att 20 dB SWT 1.1 ms • VBW 300 kHz Mode Sweep • IPk Max M111 9.24 dBm 9.24 dBm	
Date: 28.MAY.2021 18:02:16	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Net Level 20.00 dBm Offset 23.00 dB RBW 100 kHz Mode Sweep Att 10 dB SWT 29.7 ms WBW 300 kHz Mall 11 B.96 dBm	Spectrum Mail Mail



Test Mode :	802.11ax HE40	Test Channel : 09 Full RU	
100	kHz PSD reference Level	Channel Plot	
Spectrum Offset Ref Level 20.00 dbm Offset Att 20 db SWT 9 IPk Max 0 dbm July dududududududududududududududududududu	23.90 dB • RBW 100 kHz 1.1 ms • VBW 300 kHz Mode Sweep M1[1] 7.10 dBn 2.4495115 GH 4.495115	Perf Level 20.00 dbm Offset 23.90 db PRW 100 kHz Mode Sweep a 12 /r Max 6 12 /r Max Mi[1] 2.4 10 dbm 10 dbm 10 dbm 10 dbm 10 dbm -10 dbm -10 dbm -10 dbm -11 /r Max -11 /r Max -30 dbm -10 dbm -11 /r Max -11 /r Max -11 /r Max -70 dbm -12 /r Max -10 dbm -12 /r Max -12 /r Max </th <th>2.565 GHz</th>	2.565 GHz
Spectrum	Dus Emission 30MHz~3GHz	Date: 28.MAY.2021 10:07:47 Spurious Emission 2GHz~25GHz Spectrum Ref Level 20.00 dBm Offset 23.90 dB @ RBW 100 kHz	
Att 10 dB SWT © 1Pk View	29.7 ms • VBW 300 kHz Mode Sweep	Att 10 dB SWT 230 ms VBW Mode Sweep IPk View M1[1] M1[1]<	5.50 dBm 2.4820 GHz -49.43 dBm 5.7870 GHz
Start 30.0 MHz	501 pts Stop 3.0 GHz	Start 2.0 GHz 501 pts Stc Date: 28.MAY-2021 18:09:01 Menumber Date: 28.MAY-2021	p 25.0 GHz



Number of TX = 2, Ant. 1 (Measured)



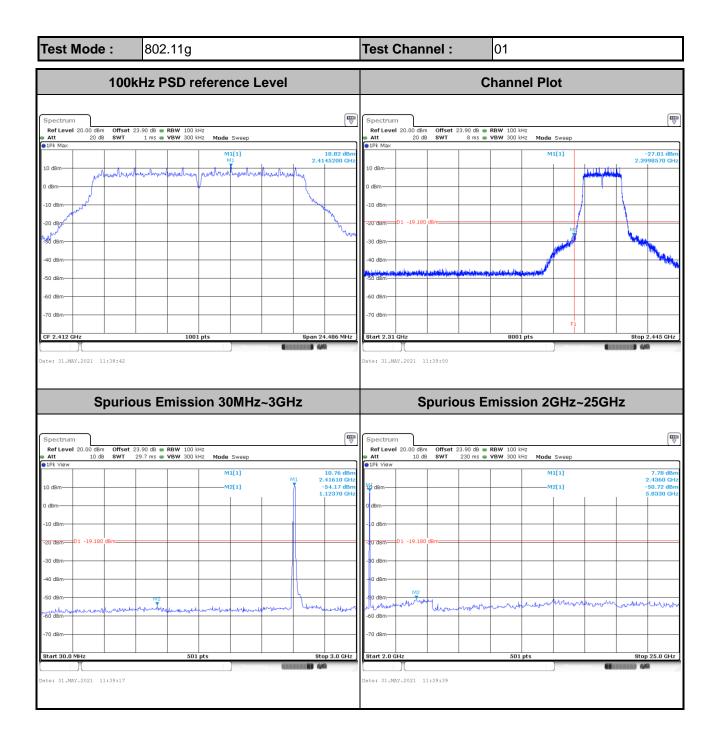


100kHz PSD reference Level Channel Plot	Test Mode :	802.11b	Test Channel : 06
briteries 200 mm Other 23 00 mm Other Other Other<	100	kHz PSD reference Level	Channel Plot
Spectrum	Ref Level 20.00 dBm Offset Att 20 dB SWT ID dBm	23.90 dB RBW 100 kHz 1ms VBW 300 kHz Mode Sweep 16.94 dE 4.430123 G 4.441 4.430123 G 4.441	
Ref Level 20.00 dBm Offset 23.00 dB RBW 100 Hz Att 10 dB SWT 29.7 ms VBW 300 kHz Mode Sweep IPK View M1[1] 10.5.28 dBm M1[1] 15.52 dBm 10 dBm M2[1] 15.28 dBm M1[1] 15.30 dBm 0 dBm M2[1] 15.28 dBm M1[1] 15.30 dBm 10 dBm M2[1] 15.28 dBm M1[1] 15.30 dBm 0 dBm M2[1] 15.750 dBm M2[1] 15.750 dBm 10 dBm 0 dBm 0 dBm 10 dBm 15.750 dBm -10 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm -20 dBm 0 dBm -30 dBm 0 dBm <th>Spurio</th> <th>ous Emission 30MHz~3GHz</th> <th>Spurious Emission 2GHz~25GHz</th>	Spurio	ous Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
10 dBm M1[1] 15.20 dBm M1[1] 15.20 dBm 10 dBm M2[1] M1 2.4300 0Hz M1[1] 15.00 dBm 0 dBm M2[1] M2[1] M2[1] 15.00 dBm 0 dBm M2 M2[1] M2[1] 15.00 dBm -10 dBm M2 M2 M2 M2[1] 15.00 dBm -10 dBm M2 M2 M2 M2 M2 M2 -10 dBm M2 M2 M2 M2 M2 M2 M2 -20 dBm M2 M	RefLevel 20.00 dBm Offset Att 10 dB SWT	23.90 dB 🖷 RBW 100 kHz	RefLevel 20.00 dBm Offset 23.90 dB RBW 100 kHz Att 10 dB SWT 230 ms VBW 300 kHz Mode Sweep
Start 30.0 MHz 501 pts Stop 3.0 GHz Start 2.0 GHz 501 pts Stop 25.0 GHz	10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -70 dBm -70 dBm	M2[1] M2	M1 M11 15.03 dBm 1b dBm M1[1] 15.03 dBm 0 dBm M2[1] 13.7500 GHz -20 dBm 0 15.7500 GHz -40 dBm 0 0 -30 dBm 0 0 -30 dBm 0 0 -70 dBm 0 0



Test Mode : 802.11b	Test Channel : 11
100kHz PSD reference Level	Channel Plot
Spectrum W Ref Level 20.00 dBm Offset 23.90 dB	Spectrum Image: Constraint of the sector of th
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
Spectrum W Ref Level 20.00 dBm Offset 23.90 dB	Spectrum The Ref Level 20.00 dbm Offset 23.90 db RBW 100 kHz Att 10 db SWT 230 ms VBW 300 kHz Mode Sweep M1 13.14 dbm 13.14 dbm 12.4200 dHz -49.91 dBm -9.91 dBm 0 dbm -0 dBm

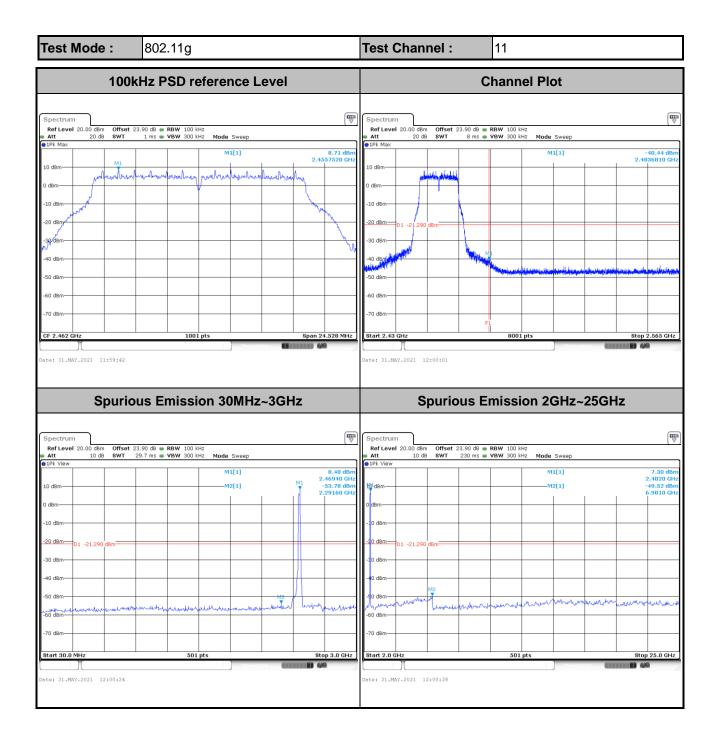






Test Mode : 802.11	g	Test Channel :	06		
100kHz PSD reference Level		Channel Plot			
Spectrum Ref Level 20.00 dBm Offset 23.90 dB • RBW 1 1 ms • VBW 3 • IPK Max 10 dBm Ims • VBW 3 • 0 dBm Ims •	00 kHz Mode Sweep MH[1] 13:21 dBm 2.4394990 GHz				
Spurious Emis	sion 30MHz~3GHz	Spuriou	IS Emission 2GHz~25G	Hz	
Spectrum Ref Level 20.00 dBm Offset 23.90 dB • RBW 1 • IPK view 9 IPK view • IPK view 9 IPK view 10 dBm 9 IPK view -10 dBm 9 IPK view -20 dBm 9 IPK view -30 dBm 9 IPK view -40 dBm 9 IPK view -70 dBm 9 IPK view -70 dBm 9 IPK view	00 kHz Mode Sweep	Ref Level 20.00 dBm Offset 23.	90 dB @ RBW 100 KHz 30 ms @ VBW 300 KHz Mode Sweep M1[1] M2[1]	(₩ 1.2.50 dBm 2.450 GHz -49.95 dBm 6.9810 GHz -49.95 dBm -49.95 dBm -4	







Test Mode : 802.11ax HE20	Test Channel : 01 Full RU			
100kHz PSD reference Level	Channel Plot			
Spectrum Ref Level 20.00 dBm Offset 23.90 dB RBW 100 lHz Att 20 dB SWT 1.1 ms VBW 300 kHz Mode Sweep IPK Max MI[1] 2.414 0 dBm 0 dBm	Spectrum Spectrum Ref Level 20.00 dbm Offset 23.90 dbm 8 ms VBW 300 kHz Mode Sweep 9.29 dbm 10 dbm -20.14 dbm 2.3996200 0Hz -20.14 dbm 0 dbm -0 dbm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -30 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -50 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -50 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -50 dbm -0.05 mm -0.05 mm -0.05 mm -0.05 mm -5			
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz			
10 dBm M2[1] M1 -5	Image: Spectrum Image: Spe			



Channel Plot				
Spurious Emission 2GHz~25GHz				
Spectrum Image: Constraint of the second secon				



Test Mode : 802.11ax HE2	0	Test Channel :	11 Full RU				
100kHz PSD refere	100kHz PSD reference Level		Channel Plot				
Spectrum Ref Level 20.00 dBm Offset 23.90 dB RBW 100 HHz Att 20 dB SWT 1.1 ms VBW 300 HHz Mode ID dBm HI N N N N 0 dBm HI N N N N 0 dBm HI N N N N 10 dBm HI N N N N -10 dBm HI N N N N -20 dBm HI HI N N N -30 dBm HI HI HI N N -50 dBm HI HI HI HI N -50 dBm HI HI HI HI HI HI N -70 dBm HI HI	Sweep 11[1] 6.97 dBm 2.4557510 GHz WWWWWWWWW WWWWWWWW WWWWWWWW WWWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWWW WWWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWWW WWWWWW WWWWWW WWWWWW WWWWWW WWWWWWW WWWWWWWWWWWW WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	Spectrum Ref Level 20.00 dBm Offset 22.00 dB 10 dBm 0 dB 0 dBm 0 dBm -10 dBm 0 dBm -20 dB 0 dBm -10 dBm 0 dBm -20 dBm 0 -22,030 dBm -30 dBm 0 dBm -40 dBm 0 dBm -50 dBm 0 dBm -70 dBm 0 dBm	VBW 300 kHz Mode Sweep M1[1] -39, 2.48338 L	hyd (cody y Ch			
Spurious Emission 3	0MHz~3GHz	Spurious	Emission 2GHz~25GHz				
IPk View	Sweep 11[1] 5.66 dm 2.46050 dtm 2/10150 dtm 957.80 MHz 957.80 MHz	Spectrum Ref Level 20.00 dBm Offset 23.00 dB Att 10 dB SWT 230 ms 9 JPk View 9 10 dB SWT 230 ms 10 dBm 0 0 0 0 0 -0 dBm 0 -0 <th>• VBW 300 kHz Mode Sweep M1[1] 3.4 </th> <th></th>	• VBW 300 kHz Mode Sweep M1[1] 3.4				



Test Mode : 802.11ax HE40	Test Channel :	03 Full RU				
100kHz PSD reference Level		Channel Plot				
10 dBm	Spectrum Ref Level 20.00 dBm Offset 23.90 dB 6.28 dBm 10 dBm 10 dBm 0 dBm -10 dBm	RBW 100 kHz Mode Sweep VBW 300 kHz Mode Sweep 1 -33.46 dBm 2.3978490 GHz 1 -33.46 dBm 2.3978490 GHz 1 -33.46 dBm 1 -33.46 dBm 1 -33.46 dBm 2.3978490 GHz 1 -34.45 GHz 8001 pts Stop 2.445 GHz				
Spurious Emission 30MHz~3GHz	Spurious I	Emission 2GHz~25GHz				
10 dBm	Spectrum Ref Level 20.00 dBm Offset 23.90 dB 4.92 dBm 10 dB SWT 230 ms 9 IPk View 4.92 dBm 0 dBm 0 dBm -0 dBm -0 dBm -0 dBm -0 dBm	VBW 300 kHz Mode Sweep M1[1] S.86 dBm 2.4360 GHz -50.20 dBm S.8790 GHz S.8790				



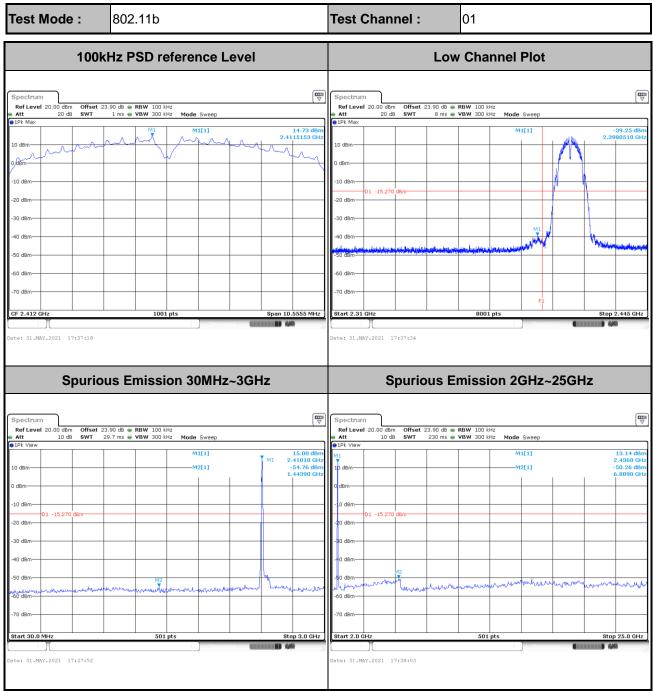
Test Mode : 802.11ax HE40	Test Channel : 06 Full RU			
100kHz PSD reference Level	Channel Plot			
Spectrum W Ref Lovel 20.00 dbm Offset 23.90 db @ PBW 100 HH; 10 dbm 1.1 ms @ VBW 300 kH2 IPk Max 7.22 dBm 0 dbm 1.1 ms @ VBW 300 kH2 M1[1] 7.22 dBm 0 dbm 1.1 ms @ VBW 300 kH2 -10 dbm -1.0 dbm -30 dbm -1.0 dbm -60 dbm -1.0 dbm -70 dbm -1.0 dbm <th></th>				
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz			
Spectrum Image: Constraint of the second of th	Spectrum The sector of the secto			



Test Mode :	802.11ax HE40	Test Channel : 09	Full RU		
100	kHz PSD reference Level	Channel Plot			
Spectrum Ref Level 20.00 dBm Offset 2 Att 20 dB SWT ID dBm 0 0 0 dBm 0 0 -10 dBm 0 0 -20 dBm 0 0 -30 dBm 0 0 -30 dBm 0 0 -20 dBm 0 0 -30 dBm 0 0 -30 dBm 0 0 -30 dBm 0 0 -30 dBm 0 0 -50 dBm 0 0 -70 dBm 0 0 Date: 31.MWY.2021 15:44:02	23.90 dB = RBW 100 kHz 1.1 ms = VBW 300 kHz Mode Sweep M111 4.59 dE 2.4495338 G M111 4.59 dE 2.449538 G M111 4.59 dE 2.449	0 IPk Max 0 dBm 0 dBm -10 dBm -20 dBm -20 dBm -50 dBm -50 dBm -70 dBm -70 dBm	Ithe: -40.15 dBm M1[1] -40.15 dBm 2.4845080 GHz -40.15 dBm 0.10 gts -40.15 dBm		
Spurio	ous Emission 30MHz~3GHz	Spurious Emiss	sion 2GHz~25GHz		
Att 10 dB SWT ● 1Pk View 10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm	23.90 dB = RBW 100 kHz 29.7 ms = VBW 300 kHz Mode Sweep M1[1] 4.18 dE 2.45760 G M2[1] 4.2 dF 2.45760 G M2[1] 4.18 dE 2.45760 G M2[1] 4.18 dE 4.18 dE	2 10 dBm 2 0 dBm - 10 dBm - 20 dBm - 20 dBm - 30 dBm - 30 dBm - 40 dBm - 50 dBm - 70 dBm - 70 dBm - 70 dBm	Imp 1 M2 2 M2 M1[1] 4.30 dBm 2.4360 dHz M2[1] 10.1930 GHz 10.1930 GHz		



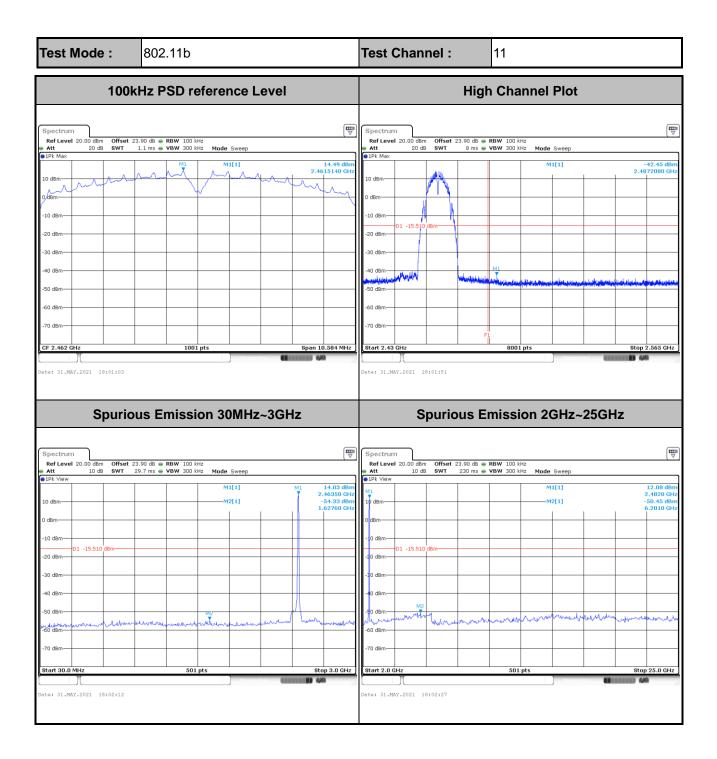
Number of TX = 2, Ant. 2 (Measured)



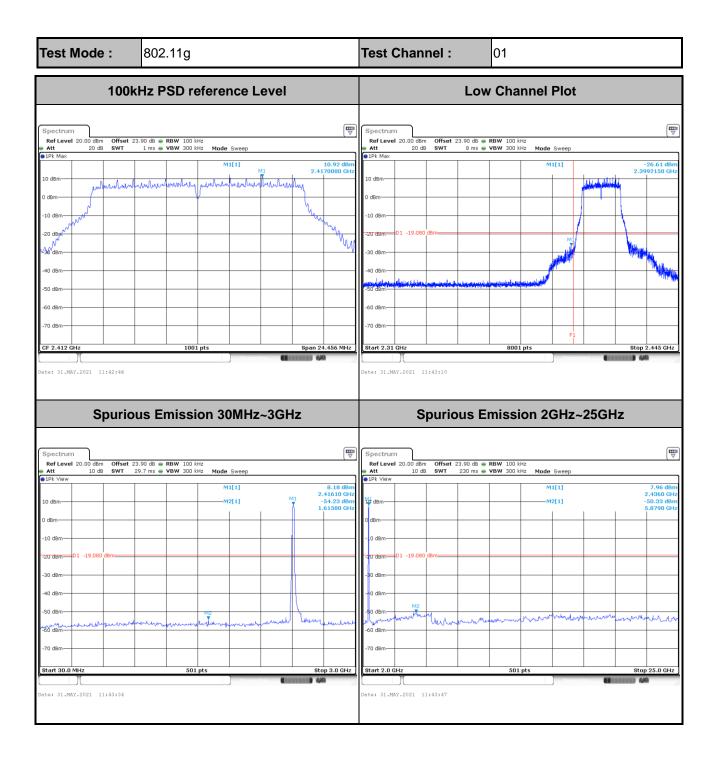


Test Mode :	802.11b		Test Channel :	06			
100	100kHz PSD reference Level		Mid Channel Plot				
Spectrum Ref Level 20.00 dBm Offset 10 dBm 0 dB -10 dBm -0 -20 dBm -0 -30 dBm -0 -40 dBm -0 -50 dBm -0 -50 dBm -0 -50 dBm -0 -20 dBm -0 -30 dBm -0 -50 dBm -0 -50 dBm -0 -60 dBm -0 -70 dBm -0 -20 dBm -0 <th>23.90 dB @ RBW 100 kHz 1.1 ms @ VBW 300 kHz Mode Sweep M1[1]</th> <th>15.05 dBm 2.4365133 GHz 4444 4444 4444 4444 4444 4444 4444 4</th> <th></th> <th></th> <th></th> <th></th>	23.90 dB @ RBW 100 kHz 1.1 ms @ VBW 300 kHz Mode Sweep M1[1]	15.05 dBm 2.4365133 GHz 4444 4444 4444 4444 4444 4444 4444 4					
Spurio	ous Emission 30MHz~3G	GHz	Spuri	ous Emiss	sion 2GHz~25G	GHz	
	23.90 d8 • RBW 100 kHz 29.7 ms • VBW 300 kHz Mode Sweep M1[1]	M1 14.76 dBm ▼ 2.43980 GHz	Spectrum Ref Lovel 20.00 dBm Offset	t 23.90 dB • RBW 10 230 ms • VBW 30		₩ 12.02 dBm 2.4360 GHz	
10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm -70		-54.06 dBm 2.13750 GHz	10 dBm - 1			-50.34 dBm 6.9350 GHz	
Date: 31.MAY.2021 17:49:36			Date: 31.MAY.2021 17:49:58	3			











Test Mode :	802.11g		Test Channel	: 06			
100	100kHz PSD reference Level		Mid Channel Plot				
Att 20 dB SWT IPk Max	3.90 dB • RBW 100 kHz 1 ms • VBW 300 kHz MI[1] M	(()) ()) ())) ())) ())) ())) ())) ())) ()))) ()))) ())))))) ()))) ()))) ()))) ())) ()))) ())) ())) ()))) ()) ())) ()) ()) ()) ()) ()) ()) ()) ())) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ()					
Spurio	us Emission 30MHz	~3GHz	Spur	ious Emiss	ion 2GHz~25G	Hz	
	3.90 db e RBW 100 kHz 29.7 ms e VBW 300 kHz M1[1] M2[1] M2[1] M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	10.06 dBm 2.43900 GHz - 54.41 dBm 1.05260 GHz - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	Spectrum Ref Level 20.00 dbm Offse Att 10 db SWT 1D dbm 0 1D dbm 0 -0 dbm 01 -16.660 dbm -0 dbm 01 -16.660 dbm -0 dbm 0 -0 dbm 01 -16.660 dbm -0 dbm -0 dbm		Milil M2[1] M3 M4 M4	10.05 dBm 2.4360 GHz -5.0.03 dBm 6.9810 GHz	



