MEASUREMENT REPORT

ETSI EN 301 893 V2.1.1 WLAN 802.11a/n/ac

Applicant:	Escape bv
Address:	Ter Heidelaan 50A, 3200 Aarschot, Belgium
Product:	Portable Indoor/Outdoor Wireless Speaker System
Model No.:	Escape P6 AIR
Brand Name:	ESCAPE
Standards:	EN 301 893 V2.1.1 (2017-05) Clause 4.2.4 & 4.2.5 AS/NZS 4268: 2017 Clause 6.4 & 7.2
Result:	Complies
Test Date:	August 04, 2020

Reviewed By: (Kevin Guo)

Approved By: (Robin Wu)

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

Revision History

Report No.	Version	Description	Issue Date	Note
2005RSU005-E3	Rev. 01	Initial Report	02-10-2021	Valid

Note: This device integrated a module which has been certified, this report only evaluated the "Transmitter Spurious Emissions" and "Receiver Spurious Emissions" test items.

CONTENTS

1. General Information

1.1. Applicant

Escape bv

Ter Heidelaan 50A, 3200 Aarschot, Belgium

1.2. Manufacturer

Escape bv

Ter Heidelaan 50A, 3200 Aarschot, Belgium

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**	
	Laboratory Location (Suzhou - Wuzhong)	
	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China	
	Laboratory Location (Suzhou - SIP)	
	4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China	
	Laboratory Accreditations	
	A2LA: 3628.01	CNAS: L10551
	FCC: CN1166	ISED: CN0001
	VCCI: R-20025, G-20034, C-20020, T-20020	
☐	**Test Site – MRT Shenzhen Laboratory**	
	Laboratory Location (Shenzhen)	
	1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China	
	Laboratory Accreditations	
	A2LA: 3628.02	CNAS: L10551
	FCC: CN1284	ISED: CN0105
☐	**Test Site – MRT Taiwan Laboratory**	
	Laboratory Location (Taiwan)	
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
	Laboratory Accreditations	
	TAF: L3261-190725	
	FCC: 291082, TW3261	ISED: TW3261

1.4. Feature of Equipment under Test

Product Name:	Portable Indoor/Outdoor Wireless Speaker System
Model No.:	Escape P6 AIR
Brand Name:	ESCAPE
Wi-Fi Specification:	802.11a/b/g/n/ac
Bluetooth Specification:	Bluetooth v4.0 (Single mode for BR/EDR)

1.5. Product Specification Subjective

Frequency Range:	For 802.11a/n-HT20/ac-VHT20: 5180~5240MHz For 802.11n-HT40/ac-VHT40: 5190~5230MHz For 802.11ac-VHT80: 5210MHz
Channel Number:	802.11a/n-HT20/ac-VHT20: 4 802.11n-HT40/ac-VHT40: 2 802.11ac-VHT80: 1
Type of Modulation:	802.11a/g/n/ac: OFDM
Data Rate:	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 150Mbps 802.11ac: up to 433.3Mbps
Antenna Type:	PIFA Antenna
Antenna Gain:	3.00dBi

Note 1: For other features of this EUT, test report will be issued separately.

Note 2: Above antenna information (antenna type and gain) was provided by applicant.

1.6. Operation Frequency / Channel List

802.11a/n-HT20/ac-VHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	--	--	--	--

802.11n-HT40/ac-VHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	--	--

802.11ac-VHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	--	--	--	--

1.7. Standards Applicable for Testing

The EUT complies with the requirements of ETSI EN 301 893 V2.1.1 Clause 4.2.4 & 4.2.5 and AS/NZS 4268: 2017 Clause 6.4 & 7.2.

2. Test Configuration of Equipment under Test

2.1. Description of Test Mode

Test Mode
Mode 1: Transmit by 802.11a (6Mbps)
Mode 2: Transmit by 802.11n-HT20 (MCS0)
Mode 3: Transmit by 802.11n-HT40 (MCS0)
Mode 4: Transmit by 802.11ac-VHT20 (MCS0)
Mode 5: Transmit by 802.11ac-VHT40 (MCS0)
Mode 6: Transmit by 802.11ac-VHT80 (MCS0)
Mode 7: Receive by 802.11a
Mode 8: Receive by 802.11n-HT20
Mode 9: Receive by 802.11n-HT40
Mode 10: Receive by 802.11ac-VHT20
Mode 11: Receive by 802.11ac-VHT40
Mode 12: Receive by 802.11ac-VHT80

2.2. Description of Test Software

The test utility software used during testing was “Tera term”, and the version was “V4.85”.

2.3. Test Environment Condition

Ambient Temperature	15°C ~ 35°C
Relative Humidity	20%RH ~ 75%RH

3. Test Summary

Clause EN 301893	Test Parameter	Result (Pass/Fail)	Remark
4.2.4	Transmitter Unwanted Emissions	Pass	--
4.2.5	Receiver Spurious Emissions	Pass	--
Note: For radiated spurious emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.			

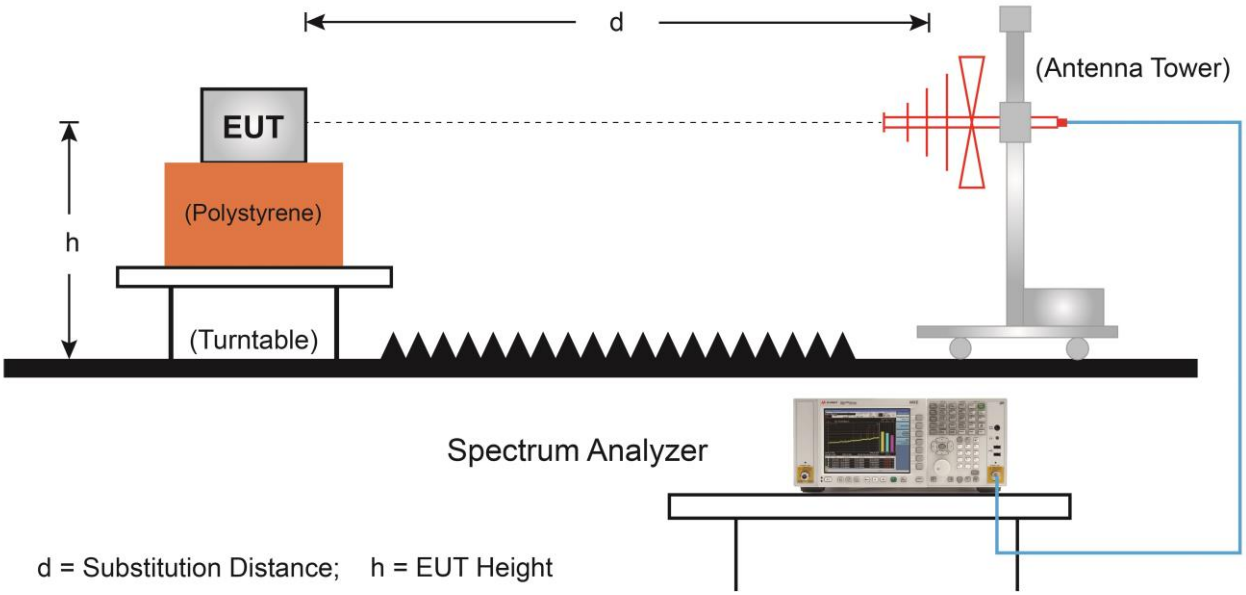
4. Transmitter Unwanted Emissions Outside the 5GHz RLAN Bands

4.1. Limit

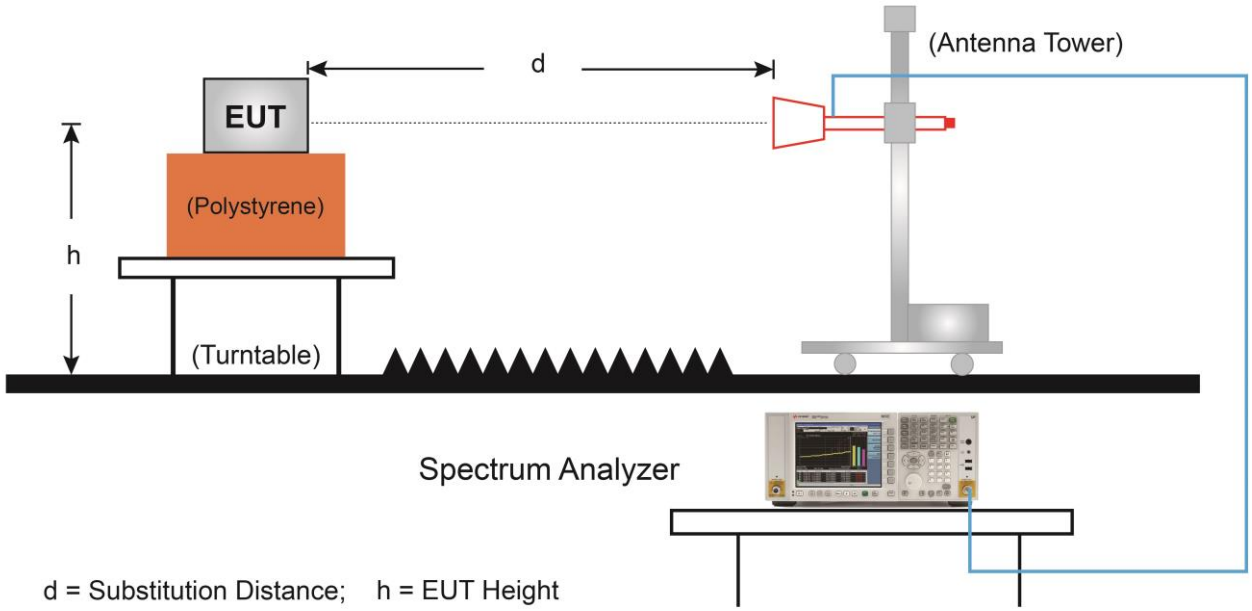
Frequency Range	Maximum Power	Bandwidth
30 MHz to 47 MHz	-36dBm	100 kHz
47 MHz to 74 MHz	-54dBm	100 kHz
74 MHz to 87.5 MHz	-36dBm	100 kHz
87.5 MHz to 118 MHz	-54dBm	100 kHz
118 MHz to 174 MHz	-36dBm	100 kHz
174 MHz to 230 MHz	-54dBm	100 kHz
230 MHz to 470 MHz	-36dBm	100 kHz
470 MHz to 862 MHz	-54dBm	100 kHz
862 MHz to 1 GHz	-36dBm	100 kHz
1 GHz to 26 GHz	-30dBm	1 MHz

4.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Test Procedure

Refer to ETSI EN 301 893 V2.1.1 (2017-05) Clause 5.4.5.2.2.

4.4. Test Result

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11a

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	62.0	-87.5	21.0	-66.5	-54.0	-12.5	Peak	Horizontal
	833.2	-98.1	34.0	-64.1	-54.0	-10.1	Peak	Horizontal
	62.5	-86.6	21.8	-64.8	-54.0	-10.8	Peak	Vertical
	516.0	-99.3	29.7	-69.6	-54.0	-15.6	Peak	Vertical
	7800.0	-56.4	7.4	-49.0	-30.0	-19.0	Peak	Horizontal
	9636.0	-56.7	7.9	-48.8	-30.0	-18.8	Peak	Horizontal
	8480.0	-56.0	7.6	-48.4	-30.0	-18.4	Peak	Vertical
	9525.5	-56.9	8.3	-48.6	-30.0	-18.6	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Date	2020/08/04

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	72.7	-87.9	20.1	-67.8	-54.0	-13.8	Peak	Horizontal
	720.2	-100.9	33.7	-67.2	-54.0	-13.2	Peak	Horizontal
	62.0	-85.6	21.8	-63.8	-54.0	-9.8	Peak	Vertical
	811.3	-103.3	34.2	-69.1	-54.0	-15.1	Peak	Vertical
	7596.0	-56.0	7.1	-48.9	-30.0	-18.9	Peak	Horizontal
	9636.0	-55.4	7.9	-47.5	-30.0	-17.5	Peak	Horizontal
	7893.5	-56.0	7.1	-48.9	-30.0	-18.9	Peak	Vertical
	9857.0	-56.4	8.5	-47.9	-30.0	-17.9	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11n-HT40

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
38	64.0	-87.6	20.7	-66.9	-54.0	-12.9	Peak	Horizontal
	720.2	-100.6	33.7	-66.9	-54.0	-12.9	Peak	Horizontal
	62.5	-86.6	21.8	-64.8	-54.0	-10.8	Peak	Vertical
	516.0	-98.9	29.7	-69.2	-54.0	-15.2	Peak	Vertical
	8616.0	-56.6	7.7	-48.9	-30.0	-18.9	Peak	Horizontal
	9823.0	-56.4	8.1	-48.3	-30.0	-18.3	Peak	Horizontal
	8539.5	-55.8	7.7	-48.1	-30.0	-18.1	Peak	Vertical
	11234.0	-55.9	9.1	-46.8	-30.0	-16.8	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT20

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	63.0	-88.9	20.9	-68.0	-54.0	-14.0	Peak	Horizontal
	720.2	-100.6	33.7	-66.9	-54.0	-12.9	Peak	Horizontal
	62.0	-87.5	21.8	-65.7	-54.0	-11.7	Peak	Vertical
	516.0	-99.0	29.7	-69.3	-54.0	-15.3	Peak	Vertical
	7621.5	-55.7	7.3	-48.4	-30.0	-18.4	Peak	Horizontal
	8463.0	-56.7	7.8	-48.9	-30.0	-18.9	Peak	Horizontal
	8582.0	-55.8	7.8	-48.0	-30.0	-18.0	Peak	Vertical
	10409.5	-57.2	8.6	-48.6	-30.0	-18.6	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT40

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
38	62.5	-88.4	20.9	-67.5	-54.0	-13.5	Peak	Horizontal
	720.2	-100.1	33.7	-66.4	-54.0	-12.4	Peak	Horizontal
	91.1	-92.6	32.4	-60.2	-54.0	-6.2	Peak	Vertical
	516.0	-97.6	29.7	-67.9	-54.0	-13.9	Peak	Vertical
	7528.0	-55.8	7.0	-48.8	-30.0	-18.8	Peak	Horizontal
	8437.5	-55.9	7.9	-48.0	-30.0	-18.0	Peak	Horizontal
	8420.5	-56.0	7.7	-48.3	-30.0	-18.3	Peak	Vertical
	11676.0	-57.1	9.7	-47.4	-30.0	-17.4	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT80

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
42	62.0	-88.7	21.0	-67.7	-54.0	-13.7	Peak	Horizontal
	720.2	-100.4	33.7	-66.7	-54.0	-12.7	Peak	Horizontal
	64.9	-86.8	22.0	-64.8	-54.0	-10.8	Peak	Vertical
	516.0	-99.6	29.7	-69.9	-54.0	-15.9	Peak	Vertical
	8038.0	-55.8	7.4	-48.4	-30.0	-18.4	Peak	Horizontal
	9976.0	-56.9	8.6	-48.3	-30.0	-18.3	Peak	Horizontal
	8123.0	-56.3	7.7	-48.6	-30.0	-18.6	Peak	Vertical
	9823.0	-56.6	8.0	-48.6	-30.0	-18.6	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

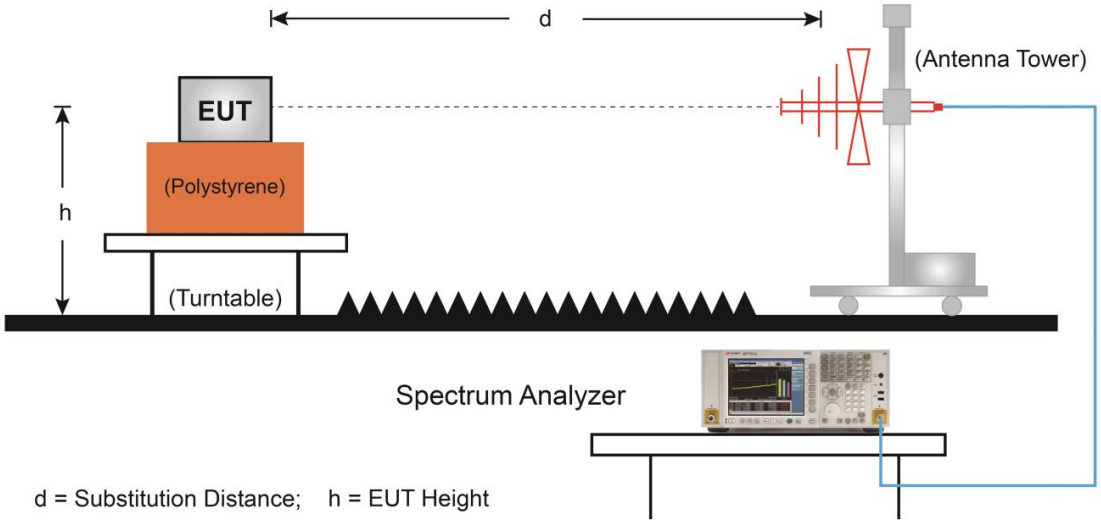
5. Receiver Spurious Emissions

5.1. Limit

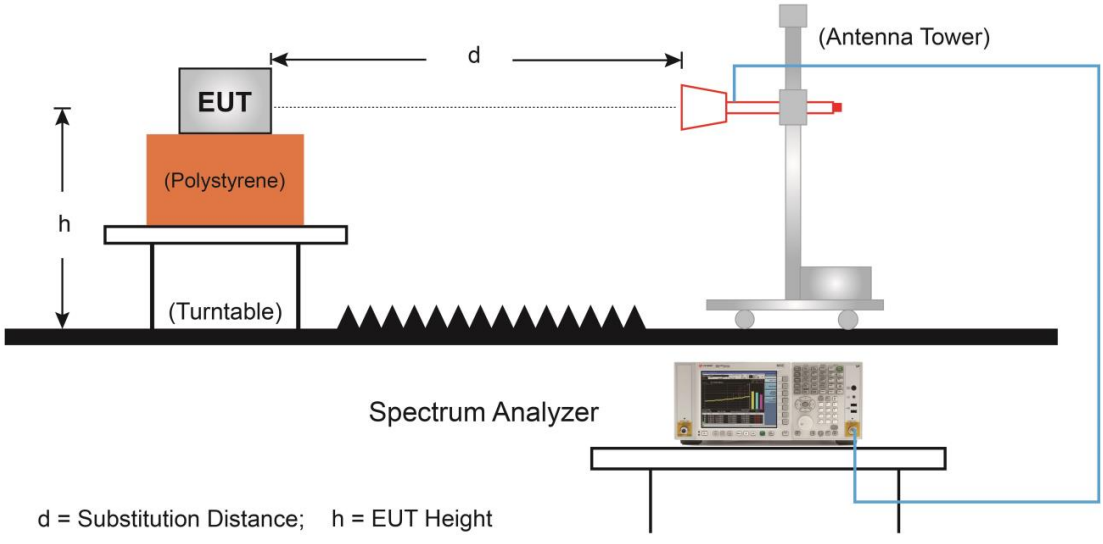
Frequency Range	Maximum Power	Bandwidth
30 MHz to 1GHz	-57dBm	100 kHz
1 GHz to 26 GHz	-47dBm	1 MHz

5.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.3. Test Procedure

Refer to ETSI EN 301 893 V2.1.1 (2017-05) Clause 5.4.7.2.2.

5.4. Test Result

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11a

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	74.6	-87.0	19.8	-67.2	-57.0	-10.2	Peak	Horizontal
	720.2	-101.2	33.7	-67.5	-57.0	-10.5	Peak	Horizontal
	128.9	-88.4	24.4	-64.0	-57.0	-7.0	Peak	Vertical
	368.5	-90.1	26.5	-63.6	-57.0	-6.6	Peak	Vertical
	1918.0	-47.3	-6.6	-53.9	-47.0	-6.9	Peak	Horizontal
	3091.0	-54.2	-2.7	-56.9	-47.0	-9.9	Peak	Horizontal
	2878.5	-50.2	-3.2	-53.4	-47.0	-6.4	Peak	Vertical
	3218.5	-54.1	-2.7	-56.8	-47.0	-9.8	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11n-HT20

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	75.6	-87.8	19.6	-68.2	-57.0	-11.2	Peak	Horizontal
	720.2	-100.9	33.7	-67.2	-57.0	-10.2	Peak	Horizontal
	108.1	-91.3	27.8	-63.5	-57.0	-6.5	Peak	Vertical
	309.8	-90.2	25.9	-64.3	-57.0	-7.3	Peak	Vertical
	2878.5	-51.3	-3.2	-54.5	-47.0	-7.5	Peak	Horizontal
	3448.0	-53.5	-2.6	-56.1	-47.0	-9.1	Peak	Horizontal
	1918.0	-47.7	-6.4	-54.1	-47.0	-7.1	Peak	Vertical
	2878.5	-50.4	-3.2	-53.6	-47.0	-6.6	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11n-HT40
Test Mode	802.11n-HT40		

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
38	73.7	-88.6	19.9	-68.7	-57.0	-11.7	Peak	Horizontal
	516.0	-99.8	30.7	-69.1	-57.0	-12.1	Peak	Horizontal
	73.2	-88.5	24.4	-64.1	-57.0	-7.1	Peak	Vertical
	368.5	-89.6	26.5	-63.1	-57.0	-6.1	Peak	Vertical
	2776.5	-53.0	-3.5	-56.5	-47.0	-9.5	Peak	Horizontal
	3609.5	-53.2	-2.5	-55.7	-47.0	-8.7	Peak	Horizontal
	2878.5	-49.8	-3.2	-53.0	-47.0	-6.0	Peak	Vertical
	3295.0	-54.0	-2.8	-56.8	-47.0	-9.8	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT20

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
36	74.6	-88.6	19.8	-68.8	-57.0	-11.8	Peak	Horizontal
	368.5	-97.4	27.2	-70.2	-57.0	-13.2	Peak	Horizontal
	72.7	-88.1	24.2	-63.9	-57.0	-6.9	Peak	Vertical
	368.5	-89.6	26.5	-63.1	-57.0	-6.1	Peak	Vertical
	1918.0	-47.5	-6.6	-54.1	-47.0	-7.1	Peak	Horizontal
	3142.0	-53.1	-3.1	-56.2	-47.0	-9.2	Peak	Horizontal
	1918.0	-48.2	-6.4	-54.6	-47.0	-7.6	Peak	Vertical
	2878.5	-50.9	-3.2	-54.1	-47.0	-7.1	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT40

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
38	76.1	-87.8	19.6	-68.2	-57.0	-11.2	Peak	Horizontal
	368.5	-97.2	27.2	-70.0	-57.0	-13.0	Peak	Horizontal
	74.1	-88.0	24.5	-63.5	-57.0	-6.5	Peak	Vertical
	126.0	-88.8	24.5	-64.3	-57.0	-7.3	Peak	Vertical
	1935.0	-49.1	-6.1	-55.2	-47.0	-8.2	Peak	Horizontal
	3312.0	-53.3	-3.3	-56.6	-47.0	-9.6	Peak	Horizontal
	2878.5	-49.9	-3.2	-53.1	-47.0	-6.1	Peak	Vertical
	3167.5	-54.2	-2.9	-57.1	-47.0	-10.1	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

Test Site	SIP-AC2	Test Engineer	Tyler Yuan
Test Date	2020/08/04	Test Mode	802.11ac-VHT80

Channel	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
42	63.0	-90.2	20.9	-69.3	-57.0	-12.3	Peak	Horizontal
	860.3	-101.3	34.3	-67.0	-57.0	-10.0	Peak	Horizontal
	72.7	-87.8	24.2	-63.6	-57.0	-6.6	Peak	Vertical
	129.4	-90.1	24.3	-65.8	-57.0	-8.8	Peak	Vertical
	2717.0	-53.8	-3.4	-57.2	-47.0	-10.2	Peak	Horizontal
	3193.0	-54.8	-2.4	-57.2	-47.0	-10.2	Peak	Horizontal
	2878.5	-50.0	-3.2	-53.2	-47.0	-6.2	Peak	Vertical
	3337.5	-54.3	-3.3	-57.6	-47.0	-10.6	Peak	Vertical
Note: Measure Level (dBm) = Reading Level (dBm) + Factor (dB)								

6. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Radio Frequency	10 ppm
RF output power, conducted	1.5 dB
Power Spectral Density, conducted	3 dB
Spurious Emissions, radiated	6 dB
Temperature	2 ℃
Humidity	5 %
Time	10 %

7. List of Measuring Instrument

Transmitter Spurious Emissions and Receiver Spurious Emissions (WZ-AC1)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cal. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2022/01/04
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2021/07/23
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/11/08
Bilog Period Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2021/08/08
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2021/09/27
Microwave System Amplifier	Agilent	83017A	MRTSUE06076	1 year	2021/11/14
Thermal Hygrometer	testo	608-H1	MRTSUE06403	1 year	2021/07/26
Anechoic Chamber	TDK	Chamber-AC1	MRTSUE06212	1 year	2021/04/30

Transmitter Spurious Emissions and Receiver Spurious Emissions (WZ-AC2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
MXE EMI Receiver	Keysight	N9038A	MRTSUE06125	1 year	2021/07/02
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/11/08
Bilog Period Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2021/05/26
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2021/10/25
Broadband Coaxial Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2021/11/14
Thermal Hygrometer	Minggao	ETH529	MRTSUE06170	1 year	2021/12/08
Anechoic Chamber	RIKEN	Chamber-AC2	MRTSUE06213	1 year	2021/04/30

Transmitter Spurious Emissions and Receiver Spurious Emissions (SIP-AC1)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2021/07/02
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2021/07/23
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/11/08
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06645	1 year	2021/08/30
Double Ridged Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2021/08/30
Preamplifier	EMCI	EMC051845SE	MRTSUE06600	1 year	2021/11/12
Thermal Hygrometer	testo	608-H1	MRTSUE06620	1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2021/12/24

Transmitter Spurious Emissions and Receiver Spurious Emissions (SIP-AC2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2021/07/02
MXA Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2021/09/26
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/11/08
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06646	1 year	2021/08/30
Horn Antenna	Schwarzbeck	BBHA9120D	MRTSUE06648	1 year	2021/11/26
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06599	1 year	2021/11/26
Preamplifier	EMCI	EMC051845SE	MRTSUE06644	1 year	2021/11/12
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2021/10/13
Thermal Hygrometer	testo	608-H1	MRTSUE06624	1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2021/12/24

Transmitter Spurious Emissions and Receiver Spurious Emissions (SIP-AC3)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2021/07/02
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2021/07/23
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/11/08
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06647	1 year	2021/08/08
Double Ridged Horn Antenna	R&S	HF907	MRTSUE06611	1 year	2021/09/13
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06598	1 year	2021/11/26
Preamplifier	EMCI	EMC012645SE	MRTSUE06642	1 year	2022/01/15
Preamplifier	EMCI	EMC184045SE	MRTSUE06641	1 year	2022/01/15
Thermal Hygrometer	testo	608-H1	MRTSUE06622	1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC3	MRTSUE06782	1 year	2021/12/24

Software	Version	Function
EMI Software	V3	EMI Test Software

The End

Appendix A - Test Setup Photograph

Refer to “2005RSU005-ET” file.

Appendix B - EUT Photograph

Refer to “2005RSU005-EE” file.